THE UNIVERSITY OF MICHIGAN

COLLEGE OF ENGINEERING

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Technical Report

THE FREQUENCIES AND INTENSITIES OF CARBON DIOXIDE ABSORPTION LINES BETWEEN 12 AND 18 MICRONS

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ABSTRACT

A listing of frequencies and intensities of molecular absorption lines of CO_2 in the spectral region 12 to 18μ is presented. The intensities are given at six temperatures (300, 275, 250, 225, 200 and 175K) and include five isotopic molecules ($^{12}C\ ^{16}O\ ^{16}O$, $^{13}C\ ^{16}O\ ^{16}O$, $^{12}C\ ^{16}O\ ^{18}O$, $^{12}C\ ^{16}O\ ^{17}O$ and $^{13}C\ ^{16}O\ ^{18}O$).

Description of Listing

The details of the calculations of the line frequencies and relative intensities of the carbon dioxide absorption lines in the 12 to 18μ spectral region are contained elsewhere (Drayson and Young, 1966, and Drayson et al., 1967), but for convenience, the most important parameters are reproduced in this report. Table I contains the intensities of the strongest bands between 12 and 18μ at 300K, together with the wavenumbers of the band centers. The relative abundances in the earth's atmosphere of the five most common isotopic molecules are shown in Table II. The intensities of the lines due to these molecules have been multiplied by their relative abundances.

Only lines whose intensities are greater than 1×10^{-6} $cm^{-1}(atm\ cm)^{-1}_{300K}$ at 300K, are included in the listing. The strongest lines have an intensity of approximately 7 cm^{-1} $(atm\ cm)^{-1}_{300K}$ at 300K, so that almost 7 orders of magnitude of line intensities are retained. With this criterion about 7000 lines are obtained. However, most of these lines are very weak and also lie near much stronger absorption lines. Because of this, only three orders of magnitude of line intensity are allowed in any 5 cm^{-1} interval, which reduces the number of lines to a little over 2200. For most atmospheric conditions the omission of the weak lines is inconsequential (particularly in view of the uncertainties in the line parameters), with the possible exception of long paths at low pressures.

REFERENCES

1. Drayson, S. R. and C. Young, 1966: Theoretical Investigations of Carbon Dioxide Radiative Transfer, University of Michigan, College of Engineering, Technical Report 07349-1-F.

2. Drayson, S. R., S. Y. Li and C. Young, 1967: Atmospheric Absorption by Carbon Dioxide, Water Vapor and Oxygen, University of Michigan, College of Engineering, Technical Report 08183-2-F.

Table I. Band intensities used in calculating rotational line intensities

Band No.	Level Lower	Level Upper	Band Center ($^{12}C\,^{16}O_2$) (cm^{-1})	Intensity (cm^{-1} (atm cm)$^{-1}_{300K}$ at 300K
1	000:0	010:1	667.379	194
2	010:1	020:0	618.033	4.27
3	010:1	100:0	720.808	6.2
4	010:1	020:2	667.750	15.0
5	020:0	030:1	647.054	1.0
6	020:0	110:1	791.447	.022
7	020:2	030:1	597.337	.14
8	020:2	110:1	741.730	.14
9	020:2	030:3	668.151	.85
10	100:0	030:1	544.279	.004
11	030:3	040:2	581.62	.0042
12	030:3	120:2	757.47	.0059
13	030:1	120:2	828.284	.00049
14	030:1	120:0	738.364	.014
15	100:0	110:1	688.672	3.0

Table II. Relative abundances of isotopic molecules

	Molecule	Abundance (relative to $^{12}C\,^{16}O_2$)	Band Center of Fundamental (cm^{-1})
0	$^{12}C\,^{16}O_2$	1.00	667.4
1	$^{13}C\,^{16}O_2$	1.12×10^{-2}	648.5
2	$^{12}C\,^{16}O\,^{18}O$	4.0×10^{-3}	662.3
3	$^{12}C\,^{16}O\,^{17}O$	8.0×10^{-4}	664.7
4	$^{13}C\,^{16}O\,^{18}O$	4.5×10^{-5}	643.6

Table III. Line positions and intensities of the CO_2 lines between 12 and 18μ

The columns under Band Code contain the following information:

a) 1st column — Band number (defined in Table I)

b) 2nd column — Isotope number (defined in Table II)

c) 3rd column — Branch. 0 is P-branch, 1 is Q-branch, 2 is R-branch

d) 4th column — Rotational quantum number of the line.

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1	10 0 0 54	503.71	.1368E-05	.5126E-06	.1544E-06	.3474E-07	.5238E-08	.4458E-09
2	10 0 0 52	505.16	.1971E-05	.7656E-06	.2408E-06	.5715E-07	.9210E-08	.8539E-09
3	10 0 0 50	506.61	.2792E-05	.1123E-05	.3684E-06	.9202E-07	.1581E-07	.1592E-08
4	10 0 0 48	508.07	.3891E-05	.1618E-05	.5527E-06	.1450E-06	.2650E-07	.2887E-08
5	10 0 0 46	509.53	.5332E-05	.2290E-05	.8130E-06	.2236E-06	.4335E-07	.5097E-08
6	10 0 0 44	510.99	.7185E-05	.3183E-05	.1172E-05	.3374E-06	.6921E-07	.8752E-08
7	10 0 0 42	512.46	.9517E-05	.4342E-05	.1657E-05	.4980E-06	.1078E-06	.1462E-07
8	10 0 0 40	513.93	.1239E-04	.5814E-05	.2295E-05	.7187E-06	.1639E-06	.2374E-07
9	10 0 0 38	515.41	.1585E-04	.7639E-05	.3114E-05	.1014E-05	.2429E-06	.3748E-07
10	10 0 0 36	516.89	.1992E-04	.9846E-05	.4138E-05	.1399E-05	.3510E-06	.5752E-07
11	10 0 0 34	518.37	.2458E-04	.1245E-04	.5383E-05	.1885E-05	.4945E-06	.8576E-07
12	10 0 0 32	519.86	.2977E-04	.1542E-04	.6853E-05	.2482E-05	.6785E-06	.1242E-06
13	10 0 0 30	521.35	.3537E-04	.1872E-04	.8535E-05	.3189E-05	.9067E-06	.1745E-06
14	10 0 0 28	522.85	.4121E-04	.2224E-04	.1039E-04	.3998E-05	.1179E-05	.2379E-06
15	10 0 0 26	524.35	.4703E-04	.2587E-04	.1236E-04	.4886E-05	.1491E-05	.3144E-06
16	10 0 0 24	525.86	.5255E-04	.2941E-04	.1434E-04	.5816E-05	.1832E-05	.4024E-06
17	10 0 0 22	527.37	.5741E-04	.3264E-04	.1622E-04	.6734E-05	.2185E-05	.4981E-06
18	10 0 0 20	528.88	.6122E-04	.3531E-04	.1786E-04	.7575E-05	.2524E-05	.5957E-06
19	10 0 0 18	530.40	.6360E-04	.3718E-04	.1910E-04	.8260E-05	.2820E-05	.6865E-06
20	10 0 0 16	531.93	.6420E-04	.3797E-04	.1979E-04	.8707E-05	.3037E-05	.7605E-06
21	10 0 0 14	533.45	.6270E-04	.3747E-04	.1978E-04	.8837E-05	.3143E-05	.8066E-06
22	10 0 0 12	534.99	.5890E-04	.3552E-04	.1895E-04	.8583E-05	.3104E-05	.8140E-06
23	10 0 0 10	536.52	.5270E-04	.3203E-04	.1725E-04	.7902E-05	.2899E-05	.7743E-06
24	10 0 0 8	538.07	.4417E-04	.2702E-04	.1466E-04	.6779E-05	.2516E-05	.6823E-06
25	11 0 0 52	539.59	.1153E-05	.3408E-06	.7730E-07	.1230E-07	.1204E-08	.5886E-10
26	10 0 0 6	539.61	.3349E-04	.2059E-04	.1124E-04	.5235E-05	.1961E-05	.5382E-06
27	7 0 0 68	540.12	.1245E-05	.3546E-06	.7688E-07	.1158E-07	.1058E-08	.4734E-10
28	11 0 0 51	540.42	.1380E-05	.4152E-06	.9619E-07	.1571E-07	.1589E-08	.8098E-10
29	10 0 0 4	541.16	.2101E-04	.1296E-04	.7108E-05	.3329E-05	.1256E-05	.3476E-06
30	11 0 0 50	541.25	.1644E-05	.5035E-06	.1191E-06	.1996E-07	.2084E-08	.1106E-09
31	7 0 0 66	541.91	.2014E-05	.6005E-06	.1376E-06	.2216E-07	.2203E-08	.1098E-09
32	11 0 0 49	542.08	.1952E-05	.6079E-06	.1468E-06	.2522E-07	.2717E-08	.1502E-09
33	10 0 0 2	542.72	.7214E-05	.4461E-05	.2453E-05	.1153E-05	.4366E-06	.1216E-06
34	11 0 0 48	542.91	.2307E-05	.7308E-06	.1800E-06	.3170E-07	.3521E-08	.2024E-09
35	7 0 0 64	543.70	.3207E-05	.9997E-06	.2416E-06	.4155E-07	.4481E-08	.2481E-09
36	11 0 0 47	543.73	.2717E-05	.8746E-06	.2197E-06	.3963E-07	.4535E-08	.2710E-09
37	10 0 1 2	544.29	.3619E-04	.2238E-04	.1231E-04	.5782E-05	.2190E-05	.6097E-06
38	10 0 1 4	544.31	.6347E-04	.3915E-04	.2147E-04	.1005E-04	.3790E-05	.1049E-05
39	10 0 1 6	544.34	.8799E-04	.5407E-04	.2952E-04	.1374E-04	.5147E-05	.1412E-05
40	10 0 1 8	544.38	.1088E-03	.6652E-04	.3609E-04	.1668E-04	.6188E-05	.1678E-05
41	10 0 1 10	544.44	.1252E-03	.7605E-04	.4094E-04	.1874E-04	.6871E-05	.1835E-05
42	10 0 1 12	544.51	.1367E-03	.8243E-04	.4396E-04	.1989E-04	.7190E-05	.1885E-05
43	11 0 0 46	544.56	.3185E-05	.1042E-05	.2668E-06	.4927E-07	.5807E-08	.3604E-09
44	10 0 1 14	544.59	.1434E-03	.8565E-04	.4517E-04	.2017E-04	.7169E-05	.1839E-05
45	10 0 1 16	544.68	.1453E-03	.8590E-04	.4473E-04	.1967E-04	.6856E-05	.1715E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
46	10 0 1 18	544.78	.1430E-03	.8351E-04	.4287E-04	.1852E-04	.6317E-05	.1537E-05
47	10 0 1 20	544.89	.1370E-03	.7893E-04	.3988E-04	.1690E-04	.5625E-05	.1326E-05
48	7 0 0 67	544.92	.1600E-05	.4662E-06	.1039E-06	.1619E-07	.1543E-08	.7286E-10
49	10 0 1 22	545.02	.1280E-03	.7271E-04	.3610E-04	.1497E-04	.4851E-05	.1105E-05
50	10 0 2 0	545.06	.1467E-04	.9078E-05	.4998E-05	.2351E-05	.8922E-06	.2490E-06
51	10 0 1 24	545.16	.1170E-03	.6537E-04	.3184E-04	.1290E-04	.4059E-05	.8904E-06
52	10 0 1 26	545.30	.1046E-03	.5744E-04	.2740E-04	.1082E-04	.3299E-05	.6946E-06
53	11 0 0 45	545.38	.3719E-05	.1236E-05	.3225E-06	.6094E-07	.7392E-08	.4760E-09
54	10 0 1 28	545.46	.9158E-04	.4937E-04	.2303E-04	.8848E-05	.2606E-05	.5252E-06
55	7 0 0 62	545.48	.5027E-05	.1636E-05	.4164E-06	.7630E-07	.8907E-08	.5460E-09
56	10 0 1 30	545.63	.7863E-04	.4155E-04	.1892E-04	.7057E-05	.2004E-05	.3851E-06
57	10 0 1 32	545.81	.6622E-04	.3425E-04	.1520E-04	.5495E-05	.1500E-05	.2741E-06
58	10 0 1 34	546.01	.5474E-04	.2767E-04	.1195E-04	.4178E-05	.1094E-05	.1894E-06
59	10 0 1 36	546.21	.4443E-04	.2192E-04	.9196E-05	.3103E-05	.7774E-06	.1272E-06
60	11 0 0 44	546.21	.4325E-05	.1459E-05	.3879E-06	.7496E-07	.9352E-08	.6245E-09
61	10 0 1 38	546.42	.3542E-04	.1704E-04	.6931E-05	.2253E-05	.5386E-06	.8297E-07
62	7 0 0 65	546.49	.2567E-05	.7825E-06	.1841E-06	.3065E-07	.3173E-08	.1667E-09
63	10 0 2 2	546.63	.2911E-04	.1800E-04	.9894E-05	.4648E-05	.1760E-05	.4899E-06
64	10 0 1 40	546.65	.2774E-04	.1299E-04	.5117E-05	.1599E-05	.3640E-06	.5263E-07
65	10 0 1 42	546.88	.2136E-04	.9723E-05	.3702E-05	.1110E-05	.2399E-06	.3246E-07
66	11 0 0 43	547.03	.5008E-05	.1715E-05	.4642E-06	.9171E-07	.1176E-07	.8136E-09
67	10 0 1 44	547.13	.1616E-04	.7144E-05	.2625E-05	.7538E-06	.1543E-06	.1947E-07
68	7 0 0 60	547.26	.7756E-05	.2632E-05	.7042E-06	.1372E-06	.1729E-07	.1170E-08
69	10 0 1 46	547.38	.1203E-04	.5154E-05	.1825E-05	.5008E-06	.9685E-07	.1136E-07
70	10 0 1 48	547.65	.8800E-05	.3651E-05	.1244E-05	.3255E-06	.5934E-07	.6451E-08
71	11 0 0 42	547.86	.5776E-05	.2007E-05	.5529E-06	.1116E-06	.1470E-07	.1053E-08
72	10 0 1 50	547.92	.6333E-05	.2541E-05	.8313E-06	.2071E-06	.3549E-07	.3564E-08
73	7 0 0 63	548.06	.4054E-05	.1291E-05	.3201E-06	.5684E-07	.6379E-08	.3717E-09
74	10 0 2 4	548.20	.4268E-04	.2632E-04	.1443E-04	.6754E-05	.2546E-05	.7047E-06
75	10 0 1 52	548.20	.4484E-05	.1737E-05	.5449E-06	.1290E-06	.2073E-07	.1917E-08
76	10 0 1 54	548.50	.3123E-05	.1167E-05	.3503E-06	.7861E-07	.1182E-07	.1003E-08
77	11 0 0 41	548.68	.6632E-05	.2338E-05	.6552E-06	.1351E-06	.1827E-07	.1353E-08
78	10 0 1 56	548.80	.2140E-05	.7698E-06	.2210E-06	.4691E-07	.6583E-08	.5113E-09
79	7 0 0 58	549.02	.1178E-04	.4160E-05	.1169E-05	.2416E-06	.3280E-07	.2442E-08
80	10 0 1 58	549.11	.1443E-05	.4992E-06	.1367E-06	.2741E-07	.3581E-08	.2537E-09
81	11 0 0 40	549.50	.7584E-05	.2712E-05	.7726E-06	.1626E-06	.2256E-07	.1727E-08
82	7 0 0 61	549.63	.6301E-05	.2094E-05	.5463E-06	.1032E-06	.1252E-07	.8068E-09
83	10 0 2 6	549.77	.5480E-04	.3367E-04	.1837E-04	.8551E-05	.3202E-05	.8783E-06
84	3 2 0 62	549.78	.1017E-05	.4624E-06	.1756E-06	.5248E-07	.1128E-07	.1516E-08
85	11 0 0 39	550.32	.8636E-05	.3130E-05	.9066E-06	.1946E-06	.2769E-07	.2189E-08
86	3 2 0 61	550.56	.1248E-05	.5787E-06	.2250E-06	.6924E-07	.1544E-07	.2174E-08
87	7 0 0 56	550.78	.1759E-04	.6464E-05	.1903E-05	.4167E-06	.6078E-07	.4961E-08
88	11 0 0 38	551.14	.9792E-05	.3596E-05	.1058E-05	.2317E-06	.3377E-07	.2755E-08
89	7 0 0 59	551.19	.9639E-05	.3337E-05	.9149E-06	.1836E-06	.2403E-07	.1706E-08
90	2 0 0 83	551.31	.1286E-05	.3333E-06	.6455E-07	.8472E-08	.6517E-09	.2337E-10

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
91	3 2 0 60	551.34	.1525E-05	.7211E-06	.2871E-06	.9090E-07	.2101E-07	.3097E-08
92	10 0 2 8	551.35	.6498E-04	.3972E-04	.2154E-04	.9949E-05	.3690E-05	.1000E-05
93	11 0 0 37	551.96	.1105E-04	.4113E-05	.1229E-05	.2742E-06	.4094E-07	.3444E-08
94	3 2 0 59	552.13	.1857E-05	.8950E-06	.3646E-06	.1188E-06	.2843E-07	.4385E-08
95	7 0 0 54	552.54	.2587E-04	.9869E-05	.3040E-05	.7035E-06	.1100E-06	.9814E-08
96	7 0 0 57	552.75	.1451E-04	.5228E-05	.1503E-05	.3199E-06	.4502E-07	.3511E-08
97	11 0 0 36	552.78	.1243E-04	.4682E-05	.1421E-05	.3229E-06	.4933E-07	.4275E-08
98	3 2 0 58	552.91	.2253E-05	.1106E-05	.4610E-06	.1544E-06	.3826E-07	.6170E-08
99	10 0 2 10	552.94	.7287E-04	.4425E-04	.2381E-04	.1089E-04	.3993E-05	.1066E-05
100	2 0 0 81	553.00	.2331E-05	.6389E-06	.1323E-06	.1885E-07	.1606E-08	.6573E-10
101	11 0 0 35	553.59	.1391E-04	.5305E-05	.1634E-05	.3780E-06	.5907E-07	.5270E-08
102	3 2 0 57	553.69	.2722E-05	.1362E-05	.5803E-06	.1997E-06	.5119E-07	.8626E-08
103	7 0 0 52	554.29	.3743E-04	.1481E-04	.4765E-05	.1163E-05	.1944E-06	.1890E-07
104	7 0 0 55	554.32	.2150E-04	.8049E-05	.2424E-05	.5457E-06	.8241E-07	.7036E-08
105	11 0 0 34	554.41	.1550E-04	.5983E-05	.1869E-05	.4401E-06	.7029E-07	.6450E-08
106	3 2 0 56	554.47	.3277E-05	.1669E-05	.7271E-06	.2570E-06	.6813E-07	.1199E-07
107	10 0 2 12	554.52	.7828E-04	.4716E-04	.2513E-04	.1137E-04	.4106E-05	.1076E-05
108	2 0 0 79	554.69	.4162E-05	.1204E-05	.2663E-06	.4109E-07	.3870E-08	.1801E-09
109	11 0 0 33	555.22	.1720E-04	.6716E-05	.2127E-05	.5095E-06	.8312E-07	.7839E-08
110	3 2 0 55	555.25	.3929E-05	.2038E-05	.9070E-06	.3291E-06	.9016E-07	.1655E-07
111	7 0 0 53	555.88	.3134E-04	.1218E-04	.3834E-05	.9114E-06	.1473E-06	.1373E-07
112	7 0 0 50	556.03	.5327E-04	.2183E-04	.7325E-05	.1882E-05	.3354E-06	.3543E-07
113	3 2 0 54	556.03	.4693E-05	.2477E-05	.1126E-05	.4193E-06	.1187E-06	.2270E-07
114	11 0 0 32	556.04	.1900E-04	.7502E-05	.2409E-05	.5864E-06	.9768E-07	.9459E-08
115	10 0 2 14	556.12	.8114E-04	.4843E-04	.2553E-04	.1139E-04	.4045E-05	.1037E-05
116	2 0 0 77	556.37	.7316E-05	.2233E-05	.5261E-06	.8778E-07	.9115E-08	.4808E-09
117	3 2 0 53	556.81	.5584E-05	.2999E-05	.1392E-05	.5315E-06	.1553E-06	.3094E-07
118	11 0 0 31	556.85	.2089E-04	.8340E-05	.2713E-05	.6712E-06	.1141E-06	.1133E-07
119	7 0 0 51	557.45	.4496E-04	.1810E-04	.5949E-05	.1490E-05	.2572E-06	.2608E-07
120	3 2 0 52	557.59	.6619E-05	.3616E-05	.1713E-05	.6705E-06	.2021E-06	.4191E-07
121	11 0 0 30	557.67	.2287E-04	.9227E-05	.3040E-05	.7638E-06	.1323E-06	.1348E-07
122	10 0 2 16	557.71	.8157E-04	.4817E-04	.2507E-04	.1101E-04	.3836E-05	.9592E-06
123	7 0 0 48	557.76	.7458E-04	.3161E-04	.1104E-04	.2982E-05	.5653E-06	.6465E-07
124	2 0 0 75	558.05	.1266E-04	.4070E-05	.1021E-05	.1837E-06	.2098E-07	.1250E-08
125	3 2 0 51	558.37	.7816E-05	.4341E-05	.2098E-05	.8415E-06	.2615E-06	.5640E-07
126	11 0 0 29	558.48	.2492E-04	.1016E-04	.3388E-05	.8641E-06	.1526E-06	.1592E-07
127	7 0 0 49	559.01	.6345E-04	.2644E-04	.9054E-05	.2385E-05	.4385E-06	.4821E-07
128	3 2 0 50	559.14	.9193E-05	.5190E-05	.2557E-05	.1051E-05	.3364E-06	.7543E-07
129	11 0 0 28	559.29	.2703E-04	.1113E-04	.3756E-05	.9720E-06	.1747E-06	.1867E-07
130	10 0 2 18	559.31	.7978E-04	.4655E-04	.2388E-04	.1031E-04	.3513E-05	.8540E-06
131	7 0 0 46	559.49	.1027E-03	.4496E-04	.1633E-04	.4624E-05	.9300E-06	.1148E-06
132	2 0 0 73	559.71	.2158E-04	.7294E-05	.1943E-05	.3767E-06	.4719E-07	.3169E-08
133	3 2 0 49	559.92	.1077E-04	.6179E-05	.3103E-05	.1306E-05	.4304E-06	.1002E-06
134	11 0 0 27	560.10	.2919E-04	.1213E-04	.4141E-05	.1087E-05	.1988E-06	.2172E-07
135	7 0 0 47	560.57	.8807E-04	.3793E-04	.1352E-04	.3737E-05	.7299E-06	.8674E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
136	3 2 0 48	560.70	.1257E-04	.7324E-05	.3749E-05	.1614E-05	.5476E-06	.1323E-06
137	11 0 0 26	560.91	.3137E-04	.1316E-04	.4542E-05	.1208E-05	.2248E-06	.2510E-07
138	10 0 2 20	560.92	.7610E-04	.4382E-04	.2212E-04	.9363E-05	.3114E-05	.7337E-06
139	7 0 0 44	561.21	.1391E-03	.6281E-04	.2368E-04	.7015E-05	.1494E-05	.1983E-06
140	2 0 0 71	561.38	.3620E-04	.1285E-04	.3632E-05	.7568E-06	.1037E-06	.7822E-08
141	3 2 0 47	561.47	.1461E-04	.8646E-05	.4507E-05	.1985E-05	.6927E-06	.1735E-06
142	11 0 0 25	561.72	.3355E-04	.1420E-04	.4953E-05	.1335E-05	.2524E-06	.2878E-07
143	7 0 0 45	562.14	.1203E-03	.5345E-04	.1978E-04	.5730E-05	.1186E-05	.1519E-06
144	3 2 0 46	562.25	.1691E-04	.1016E-04	.5394E-05	.2428E-05	.8712E-06	.2262E-06
145	11 0 0 24	562.52	.3572E-04	.1524E-04	.5372E-05	.1466E-05	.2816E-06	.3276E-07
146	10 0 2 22	562.52	.7092E-04	.4024E-04	.1996E-04	.8268E-05	.2677E-05	.6093E-06
147	7 0 0 42	562.92	.1853E-03	.8617E-04	.3366E-04	.1042E-04	.2341E-05	.3334E-06
148	3 2 0 45	563.02	.1951E-04	.1189E-04	.6426E-05	.2956E-05	.1090E-05	.2928E-06
149	2 0 0 69	563.03	.5979E-04	.2227E-04	.6665E-05	.1489E-05	.2229E-06	.1881E-07
150	11 0 0 23	563.33	.3783E-04	.1628E-04	.5794E-05	.1600E-05	.3120E-06	.3700E-07
151	7 0 0 43	563.70	.1615E-03	.7398E-04	.2839E-04	.8598E-05	.1881E-05	.2588E-06
152	3 2 0 44	563.79	.2240E-04	.1386E-04	.7618E-05	.3579E-05	.1355E-05	.3767E-06
153	11 0 0 22	564.13	.3988E-04	.1729E-04	.6213E-05	.1736E-05	.3433E-06	.4148E-07
154	10 0 2 24	564.14	.6466E-04	.3610E-04	.1756E-04	.7108E-05	.2234E-05	.4897E-06
155	3 2 0 43	564.56	.2563E-04	.1608E-04	.8989E-05	.4311E-05	.1675E-05	.4814E-06
156	7 0 0 40	564.63	.2427E-03	.1161E-03	.4690E-04	.1513E-04	.3581E-05	.5451E-06
157	2 0 0 67	564.68	.9722E-04	.3793E-04	.1200E-04	.2871E-05	.4679E-06	.4406E-07
158	11 0 0 21	564.94	.4182E-04	.1827E-04	.6624E-05	.1871E-05	.3752E-06	.4615E-07
159	7 0 0 41	565.26	.2132E-03	.1005E-03	.3995E-04	.1262E-04	.2912E-05	.4289E-06
160	3 2 0 42	565.34	.2920E-04	.1857E-04	.1056E-04	.5167E-05	.2058E-05	.6113E-06
161	11 0 0 20	565.74	.4364E-04	.1920E-04	.7021E-05	.2004E-05	.4072E-06	.5093E-07
162	10 0 2 26	565.75	.5774E-04	.3168E-04	.1509E-04	.5954E-05	.1813E-05	.3814E-06
163	2 1 0 67	565.98	.1077E-05	.4244E-06	.1358E-06	.3293E-07	.5454E-08	.5242E-09
164	3 2 0 41	566.11	.3314E-04	.2136E-04	.1234E-04	.6159E-05	.2515E-05	.7710E-06
165	2 0 0 65	566.32	.1556E-03	.6351E-04	.2122E-04	.5422E-05	.9598E-06	.1005E-06
166	7 0 0 38	566.33	.3124E-03	.1535E-03	.6405E-04	.2149E-04	.5344E-05	.8667E-06
167	11 0 0 19	566.55	.4530E-04	.2007E-04	.7398E-05	.2133E-05	.4388E-06	.5577E-07
168	7 0 0 39	566.83	.2767E-03	.1342E-03	.5510E-04	.1813E-04	.4399E-05	.6914E-06
169	3 2 0 40	566.88	.3745E-04	.2446E-04	.1435E-04	.7304E-05	.3055E-05	.9661E-06
170	11 0 0 18	567.35	.4677E-04	.2085E-04	.7747E-05	.2255E-05	.4695E-06	.6059E-07
171	10 0 2 28	567.37	.5053E-04	.2721E-04	.1267E-04	.4864E-05	.1431E-05	.2881E-06
172	2 1 0 65	567.50	.1724E-05	.7105E-06	.2400E-06	.6217E-07	.1119E-07	.1196E-08
173	3 2 0 39	567.65	.4215E-04	.2788E-04	.1662E-04	.8616E-05	.3689E-05	.1202E-05
174	2 0 0 63	567.96	.2452E-03	.1045E-03	.3680E-04	.1003E-04	.1924E-05	.2234E-06
175	7 0 0 36	568.03	.3952E-03	.1992E-03	.8571E-04	.2985E-04	.7780E-05	.1340E-05
176	11 0 0 17	568.15	.4802E-04	.2154E-04	.8063E-05	.2368E-05	.4986E-06	.6529E-07
177	7 0 0 37	568.39	.3531E-03	.1757E-03	.7446E-04	.2546E-04	.6483E-05	.1084E-05
178	3 2 0 38	568.42	.4724E-04	.3164E-04	.1914E-04	.1011E-04	.4429E-05	.1487E-05
179	11 0 0 16	568.95	.4904E-04	.2213E-04	.8338E-05	.2470E-05	.5256E-06	.6977E-07
180	10 0 2 30	568.99	.4337E-04	.2289E-04	.1041E-04	.3878E-05	.1100E-05	.2111E-06

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
181	2 1 0 63	569.02	.2716E-05	.1169E-05	.4162E-06	.1150E-06	.2241E-07	.2656E-08
182	3 2 0 37	569.18	.5273E-04	.3575E-04	.2194E-04	.1180E-04	.5286E-05	.1826E-05
183	2 0 0 61	569.60	.3802E-03	.1691E-03	.6265E-04	.1817E-04	.3767E-05	.4834E-06
184	7 0 0 34	569.71	.4913E-03	.2537E-03	.1124E-03	.4054E-04	.1105E-04	.2014E-05
185	11 0 0 15	569.75	.4979E-04	.2259E-04	.8568E-05	.2558E-05	.5498E-06	.7393E-07
186	7 0 0 35	569.95	.4426E-03	.2258E-03	.9860E-04	.3496E-04	.9318E-05	.1652E-05
187	3 2 0 36	569.95	.5860E-04	.4020E-04	.2503E-04	.1369E-04	.6270E-05	.2228E-05
188	2 1 0 61	570.54	.4211E-05	.1891E-05	.7083E-06	.2082E-06	.4388E-07	.5747E-08
189	11 0 0 14	570.55	.5025E-04	.2292E-04	.8745E-05	.2630E-05	.5708E-06	.7768E-07
190	10 0 2 32	570.62	.3653E-04	.1887E-04	.8361E-05	.3019E-05	.8230E-06	.1502E-06
191	3 2 0 35	570.72	.6485E-04	.4501E-04	.2841E-04	.1581E-04	.7394E-05	.2699E-05
192	2 0 0 59	571.22	.5803E-03	.2690E-03	.1047E-03	.3223E-04	.7205E-05	.1019E-05
193	11 0 0 13	571.34	.5042E-04	.2310E-04	.8866E-05	.2686E-05	.5878E-06	.8091E-07
194	7 0 0 32	571.39	.5998E-03	.3168E-03	.1442E-03	.5381E-04	.1529E-04	.2942E-05
195	3 2 0 34	571.48	.7146E-04	.5016E-04	.3209E-04	.1815E-04	.8665E-05	.3248E-05
196	7 0 0 33	571.52	.5452E-03	.2847E-03	.1279E-03	.4693E-04	.1306E-04	.2447E-05
197	2 1 0 59	572.05	.6425E-05	.3007E-05	.1183E-05	.3693E-06	.8391E-07	.1211E-07
198	11 0 0 12	572.14	.5027E-04	.2313E-04	.8927E-05	.2721E-05	.6005E-06	.8352E-07
199	3 2 0 33	572.25	.7840E-04	.5563E-04	.3606E-04	.2073E-04	.1009E-04	.3882E-05
200	10 0 2 34	572.25	.3021E-04	.1525E-04	.6575E-05	.2296E-05	.6002E-06	.1038E-06
201	2 0 0 57	572.85	.8717E-03	.4203E-03	.1715E-03	.5600E-04	.1346E-04	.2090E-05
202	11 0 0 11	572.93	.4981E-04	.2301E-04	.8924E-05	.2737E-05	.6085E-06	.8545E-07
203	3 2 0 32	573.01	.8564E-04	.6141E-04	.4032E-04	.2353E-04	.1169E-04	.4608E-05
204	7 0 0 30	573.07	.7191E-03	.3881E-03	.1813E-03	.6979E-04	.2062E-04	.4174E-05
205	7 0 0 31	573.08	.6595E-03	.3521E-03	.1624E-03	.6156E-04	.1784E-04	.3522E-05
206	2 1 0 57	573.57	.9649E-05	.4698E-05	.1938E-05	.6415E-06	.1568E-06	.2484E-07
207	11 0 0 10	573.73	.4903E-04	.2274E-04	.8856E-05	.2731E-05	.6114E-06	.8661E-07
208	3 2 0 31	573.78	.9314E-04	.6747E-04	.4485E-04	.2657E-04	.1345E-04	.5432E-05
209	10 0 2 36	573.88	.2453E-04	.1209E-04	.5063E-05	.1706E-05	.4267E-06	.6971E-07
210	2 0 0 55	574.47	.1288E-02	.6455E-03	.2758E-03	.9526E-04	.2457E-04	.4176E-05
211	11 0 0 9	574.52	.4794E-04	.2231E-04	.8724E-05	.2704E-05	.6091E-06	.8698E-07
212	3 2 0 30	574.54	.1008E-03	.7377E-04	.4962E-04	.2983E-04	.1537E-04	.6358E-05
213	7 0 0 29	574.64	.7831E-03	.4269E-03	.2018E-03	.7889E-04	.2375E-04	.4925E-05
214	7 0 0 28	574.73	.8462E-03	.4659E-03	.2229E-03	.8839E-04	.2710E-04	.5751E-05
215	2 1 0 55	575.09	.1426E-04	.7213E-05	.3117E-05	.1091E-05	.2860E-06	.4962E-07
216	3 2 0 29	575.30	.1087E-03	.8027E-04	.5461E-04	.3330E-04	.1747E-04	.7389E-05
217	11 0 0 8	575.31	.4657E-04	.2174E-04	.8532E-05	.2656E-05	.6016E-06	.8655E-07
218	10 0 2 38	575.52	.1958E-04	.9402E-05	.3818E-05	.1239E-05	.2958E-06	.4551E-07
219	3 2 0 28	576.06	.1166E-03	.8690E-04	.5979E-04	.3696E-04	.1972E-04	.8526E-05
220	2 0 0 53	576.09	.1874E-02	.9741E-03	.4351E-03	.1587E-03	.4379E-04	.8122E-05
221	11 0 0 7	576.11	.4495E-04	.2104E-04	.8284E-05	.2589E-05	.5894E-06	.8533E-07
222	7 0 0 27	576.21	.9126E-03	.5072E-03	.2455E-03	.9871E-04	.3079E-04	.6684E-05
223	7 0 0 26	576.39	.9769E-03	.5480E-03	.2681E-03	.1093E-03	.3467E-04	.7692E-05
224	2 1 0 53	576.61	.2073E-04	.1088E-04	.4916E-05	.1817E-05	.5097E-06	.9649E-07
225	3 2 0 27	576.83	.1244E-03	.9361E-04	.6510E-04	.4077E-04	.2211E-04	.9767E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
226	11 0 0 6	576.90	.4314E-04	.2024E-04	.7992E-05	.2507E-05	.5731E-06	.8344E-07
227	10 0 2 40	577.16	.1535E-04	.7176E-05	.2822E-05	.8805E-06	.2000E-06	.2888E-07
228	3 2 0 26	577.59	.1322E-03	.1003E-03	.7050E-04	.4472E-04	.2464E-04	.1111E-04
229	11 0 0 5	577.69	.4125E-04	.1939E-04	.7676E-05	.2415E-05	.5542E-06	.8107E-07
230	2 0 0 51	577.70	.2681E-02	.1444E-02	.6734E-03	.2587E-03	.7623E-04	.1538E-04
231	7 0 0 25	577.77	.1043E-02	.5903E-03	.2919E-03	.1205E-03	.3886E-04	.8803E-05
232	7 0 0 24	578.05	.1106E-02	.6311E-03	.3153E-03	.1318E-03	.4317E-04	.9978E-05
233	2 1 0 51	578.12	.2966E-04	.1613E-04	.7606E-05	.2962E-05	.8871E-06	.1827E-06
234	3 2 0 25	578.34	.1398E-03	.1070E-03	.7591E-04	.4874E-04	.2727E-04	.1254E-04
235	11 0 0 4	578.47	.3947E-04	.1859E-04	.7372E-05	.2325E-05	.5352E-06	.7861E-07
236	10 0 2 42	578.80	.1183E-04	.5377E-05	.2044E-05	.6118E-06	.1320E-06	.1783E-07
237	3 2 0 24	579.10	.1470E-03	.1134E-03	.8127E-04	.5280E-04	.2998E-04	.1405E-04
238	11 0 0 3	579.26	.3822E-04	.1802E-04	.7160E-05	.2262E-05	.5221E-06	.7693E-07
239	2 0 0 49	579.31	.3774E-02	.2104E-02	.1022E-02	.4129E-03	.1296E-03	.2834E-04
240	7 0 0 23	579.33	.1169E-02	.6724E-03	.3392E-03	.1435E-03	.4772E-04	.1124E-04
241	2 1 0 49	579.64	.4174E-04	.2350E-04	.1154E-04	.4726E-05	.1508E-05	.3365E-06
242	7 0 0 22	579.69	.1226E-02	.7111E-03	.3621E-03	.1550E-03	.5228E-04	.1255E-04
243	3 2 0 23	579.86	.1539E-03	.1196E-03	.8651E-04	.5684E-04	.3273E-04	.1561E-04
244	3 2 0 22	580.62	.1602E-03	.1254E-03	.9153E-04	.6079E-04	.3548E-04	.1722E-04
245	11 0 1 43	580.69	.9690E-05	.3313E-05	.8948E-06	.1764E-06	.2259E-07	.1560E-08
246	11 0 1 42	580.73	.1113E-04	.3860E-05	.1061E-05	.2138E-06	.2812E-07	.2011E-08
247	11 0 1 41	580.78	.1272E-04	.4478E-05	.1252E-05	.2577E-06	.3480E-07	.2574E-08
248	11 0 1 40	580.82	.1448E-04	.5169E-05	.1470E-05	.3088E-06	.4279E-07	.3271E-08
249	11 0 1 39	580.86	.1642E-04	.5940E-05	.1718E-05	.3680E-06	.5228E-07	.4128E-08
250	11 0 1 38	580.89	.1853E-04	.6793E-05	.1996E-05	.4361E-06	.6349E-07	.5172E-08
251	7 0 0 21	580.90	.1282E-02	.7491E-03	.3849E-03	.1666E-03	.5696E-04	.1391E-04
252	2 0 0 47	580.91	.5224E-02	.3010E-02	.1521E-02	.6449E-03	.2150E-03	.5082E-04
253	11 0 1 37	580.93	.2081E-04	.7731E-05	.2307E-05	.5139E-06	.7660E-07	.6435E-08
254	11 0 1 36	580.97	.2328E-04	.8757E-05	.2653E-05	.6020E-06	.9185E-07	.7949E-08
255	11 0 1 35	581.00	.2592E-04	.9871E-05	.3035E-05	.7012E-06	.1094E-06	.9749E-08
256	11 0 1 34	581.04	.2872E-04	.1107E-04	.3454E-05	.8120E-06	.1295E-06	.1187E-07
257	11 0 1 33	581.07	.3169E-04	.1236E-04	.3909E-05	.9348E-06	.1523E-06	.1435E-07
258	11 0 1 32	581.10	.3479E-04	.1372E-04	.4400E-05	.1070E-05	.1780E-06	.1721E-07
259	11 0 1 31	581.13	.3802E-04	.1516E-04	.4925E-05	.1217E-05	.2065E-06	.2050E-07
260	2 1 0 47	581.16	.5777E-04	.3361E-04	.1717E-04	.7382E-05	.2501E-05	.6034E-06
261	11 0 1 30	581.16	.4136E-04	.1667E-04	.5483E-05	.1376E-05	.2381E-06	.2423E-07
262	11 0 1 29	581.19	.4476E-04	.1822E-04	.6070E-05	.1546E-05	.2727E-06	.2843E-07
263	11 0 1 28	581.22	.4821E-04	.1982E-04	.6682E-05	.1727E-05	.3101E-06	.3310E-07
264	11 0 1 27	581.25	.5166E-04	.2144E-04	.7312E-05	.1917E-05	.3503E-06	.3824E-07
265	11 0 1 26	581.28	.5507E-04	.2307E-04	.7955E-05	.2114E-05	.3929E-06	.4383E-07
266	11 0 1 25	581.30	.5840E-04	.2469E-04	.8603E-05	.2316E-05	.4375E-06	.4984E-07
267	11 0 1 24	581.33	.6160E-04	.2626E-04	.9246E-05	.2520E-05	.4837E-06	.5623E-07
268	7 0 0 20	581.33	.1331E-02	.7833E-03	.4060E-03	.1775E-03	.6151E-04	.1528E-04
269	11 0 1 23	581.35	.6461E-04	.2777E-04	.9875E-05	.2725E-05	.5308E-06	.6291E-07
270	11 0 1 22	581.37	.6739E-04	.2920E-04	.1048E-04	.2925E-05	.5781E-06	.6979E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
271	3 2 0 21	581.37	.1659E-03	.1308E-03	.9626E-04	.6459E-04	.3819E-04	.1885E-04
272	11 0 1 21	581.39	.6987E-04	.3050E-04	.1105E-04	.3117E-05	.6247E-06	.7677E-07
273	11 0 1 20	581.41	.7201E-04	.3166E-04	.1157E-04	.3299E-05	.6698E-06	.8371E-07
274	11 0 1 19	581.43	.7374E-04	.3264E-04	.1202E-04	.3464E-05	.7122E-06	.9046E-07
275	11 0 1 18	581.45	.7501E-04	.3342E-04	.1241E-04	.3608E-05	.7508E-06	.9684E-07
276	11 0 1 17	581.47	.7577E-04	.3397E-04	.1270E-04	.3728E-05	.7845E-06	.1027E-06
277	11 0 1 16	581.49	.7597E-04	.3426E-04	.1290E-04	.3819E-05	.8122E-06	.1078E-06
278	11 0 1 15	581.50	.7557E-04	.3427E-04	.1299E-04	.3875E-05	.8326E-06	.1119E-06
279	11 0 1 14	581.52	.7453E-04	.3397E-04	.1296E-04	.3895E-05	.8446E-06	.1149E-06
280	11 0 1 13	581.53	.7281E-04	.3334E-04	.1279E-04	.3872E-05	.8472E-06	.1166E-06
281	11 0 1 12	581.54	.7040E-04	.3238E-04	.1249E-04	.3805E-05	.8394E-06	.1167E-06
282	11 0 1 11	581.55	.6727E-04	.3107E-04	.1204E-04	.3691E-05	.8204E-06	.1152E-06
283	11 0 1 10	581.57	.6341E-04	.2940E-04	.1144E-04	.3528E-05	.7894E-06	.1118E-06
284	11 0 1 9	581.58	.5881E-04	.2736E-04	.1069E-04	.3313E-05	.7461E-06	.1065E-06
285	11 0 1 8	581.58	.5346E-04	.2495E-04	.9788E-05	.3046E-05	.6898E-06	.9920E-07
286	11 0 1 7	581.59	.4735E-04	.2215E-04	.8721E-05	.2725E-05	.6202E-06	.8977E-07
287	11 0 1 6	581.60	.4045E-04	.1897E-04	.7489E-05	.2348E-05	.5368E-06	.7814E-07
288	11 0 1 5	581.60	.3267E-04	.1536E-04	.6077E-05	.1911E-05	.4386E-06	.6415E-07
289	11 0 1 4	581.61	.2383E-04	.1122E-04	.4450E-05	.1403E-05	.3230E-06	.4743E-07
290	11 0 1 3	581.61	.1344E-04	.6337E-05	.2517E-05	.7953E-06	.1835E-06	.2704E-07
291	3 2 0 20	582.13	.1708E-03	.1356E-03	.1006E-03	.6817E-04	.4080E-04	.2046E-04
292	7 0 0 19	582.46	.1376E-02	.8154E-03	.4261E-03	.1882E-03	.6602E-04	.1667E-04
293	2 0 0 45	582.52	.7113E-02	.4230E-02	.2220E-02	.9859E-03	.3482E-03	.8868E-04
294	2 1 0 45	582.68	.7865E-04	.4722E-04	.2506E-04	.1128E-04	.4050E-05	.1053E-05
295	3 2 0 19	582.88	.1749E-03	.1397E-03	.1044E-03	.7144E-04	.4327E-04	.2203E-04
296	7 0 0 18	582.96	.1413E-02	.8426E-03	.4437E-03	.1978E-03	.7023E-04	.1800E-04
297	3 2 0 18	583.63	.1779E-03	.1430E-03	.1077E-03	.7433E-04	.4552E-04	.2351E-04
298	7 0 0 17	584.03	.1444E-02	.8663E-03	.4595E-03	.2067E-03	.7422E-04	.1930E-04
299	2 0 0 43	584.12	.9523E-02	.5837E-02	.3176E-02	.1475E-02	.5505E-03	.1506E-03
300	2 1 0 43	584.20	.1053E-03	.6515E-04	.3585E-04	.1687E-04	.6403E-05	.1787E-05
301	3 2 0 17	584.39	.1799E-03	.1454E-03	.1103E-03	.7676E-04	.4751E-04	.2487E-04
302	7 0 0 16	584.59	.1465E-02	.8839E-03	.4721E-03	.2142E-03	.7773E-04	.2049E-04
303	3 2 0 16	585.14	.1807E-03	.1469E-03	.1121E-03	.7865E-04	.4917E-04	.2608E-04
304	7 0 0 15	585.59	.1478E-02	.8966E-03	.4821E-03	.2205E-03	.8079E-04	.2158E-04
305	2 0 0 41	585.71	.1254E-01	.7907E-02	.4455E-02	.2157E-02	.8492E-03	.2486E-03
306	2 1 0 41	585.72	.1386E-03	.8825E-04	.5028E-04	.2468E-04	.9876E-05	.2951E-05
307	3 2 0 15	585.89	.1803E-03	.1473E-03	.1131E-03	.7993E-04	.5044E-04	.2708E-04
308	7 0 0 14	586.21	.1480E-02	.9025E-03	.4882E-03	.2249E-03	.8321E-04	.2249E-04
309	3 2 0 14	586.64	.1785E-03	.1465E-03	.1131E-03	.8054E-04	.5128E-04	.2784E-04
310	7 0 0 13	587.16	.1473E-02	.9023E-03	.4909E-03	.2278E-03	.8499E-04	.2323E-04
311	2 1 0 39	587.24	.1792E-03	.1173E-03	.6909E-04	.3532E-04	.1486E-04	.4738E-05
312	2 0 0 39	587.31	.1622E-01	.1052E-01	.6123E-02	.3087E-02	.1278E-02	.3993E-03
313	3 2 0 13	587.39	.1753E-03	.1445E-03	.1122E-03	.8041E-04	.5162E-04	.2832E-04
314	7 0 0 12	587.82	.1454E-02	.8947E-03	.4893E-03	.2285E-03	.8596E-04	.2374E-04
315	3 2 0 12	588.13	.1707E-03	.1413E-03	.1103E-03	.7949E-04	.5142E-04	.2849E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
316	7 0 0 11	588.72	.1425E-02	.8803E-03	.4838E-03	.2273E-03	.8615E-04	.2402E-04
317	2 1 0 37	588.76	.2278E-03	.1531E-03	.9303E-04	.4941E-04	.2181E-04	.7398E-05
318	3 2 0 11	588.88	.1646E-03	.1368E-03	.1072E-03	.7776E-04	.5065E-04	.2832E-04
319	2 0 0 37	588.90	.2062E-01	.1372E-01	.8245E-02	.4320E-02	.1876E-02	.6235E-03
320	7 0 0 10	589.42	.1384E-02	.8583E-03	.4738E-03	.2238E-03	.8542E-04	.2403E-04
321	3 2 0 10	589.63	.1571E-03	.1310E-03	.1032E-03	.7517E-04	.4928E-04	.2779E-04
322	2 1 0 35	590.29	.2845E-03	.1960E-03	.1227E-03	.6758E-04	.3122E-04	.1123E-04
323	7 0 0 9	590.29	.1333E-02	.8294E-03	.4597E-03	.2182E-03	.8380E-04	.2377E-04
324	3 2 0 9	590.37	.1482E-03	.1240E-03	.9797E-04	.7174E-04	.4731E-04	.2687E-04
325	2 0 0 35	590.49	.2575E-01	.1757E-01	.1088E-01	.5909E-02	.2686E-02	.9462E-03
326	7 0 0 8	591.02	.1271E-02	.7932E-03	.4413E-03	.2104E-03	.8126E-04	.2321E-04
327	3 2 0 8	591.12	.1379E-03	.1157E-03	.9174E-04	.6745E-04	.4472E-04	.2557E-04
328	2 1 0 33	591.81	.3490E-03	.2461E-03	.1584E-03	.9032E-04	.4356E-04	.1655E-04
329	7 0 0 7	591.85	.1199E-02	.7506E-03	.4189E-03	.2006E-03	.7783E-04	.2238E-04
330	3 2 0 7	591.86	.1263E-03	.1062E-03	.8448E-04	.6235E-04	.4153E-04	.2389E-04
331	2 0 0 33	592.08	.3159E-01	.2206E-01	.1405E-01	.7898E-02	.3748E-02	.1395E-02
332	3 2 0 6	592.60	.1134E-03	.9562E-04	.7625E-04	.5646E-04	.3776E-04	.2184E-04
333	7 0 0 6	592.61	.1119E-02	.7019E-03	.3929E-03	.1887E-03	.7357E-04	.2127E-04
334	2 1 0 31	593.34	.4203E-03	.3030E-03	.2003E-03	.1179E-03	.5923E-04	.2371E-04
335	3 2 0 5	593.34	.9945E-04	.8400E-04	.6714E-04	.4985E-04	.3346E-04	.1944E-04
336	7 0 0 5	593.42	.1032E-02	.6485E-03	.3638E-03	.1753E-03	.6859E-04	.1993E-04
337	2 0 0 31	593.66	.3805E-01	.2716E-01	.1776E-01	.1031E-01	.5096E-02	.1999E-02
338	3 2 0 4	594.09	.8448E-04	.7147E-04	.5723E-04	.4259E-04	.2867E-04	.1672E-04
339	7 0 0 4	594.19	.9401E-03	.5919E-03	.3327E-03	.1607E-03	.6308E-04	.1840E-04
340	7 0 1 55	594.53	.4466E-04	.1668E-04	.5013E-05	.1126E-05	.1698E-06	.1447E-07
341	7 0 1 53	594.73	.6480E-04	.2512E-04	.7894E-05	.1873E-05	.3021E-06	.2811E-07
342	3 2 0 3	594.83	.6864E-04	.5814E-04	.4663E-04	.3477E-04	.2346E-04	.1372E-04
343	2 1 0 29	594.87	.4966E-03	.3655E-03	.2477E-03	.1503E-03	.7843E-04	.3297E-04
344	7 0 1 51	594.93	.9250E-04	.3717E-04	.1219E-04	.3048E-05	.5251E-06	.5315E-07
345	3 2 1 45	594.97	.4097E-04	.2492E-04	.1344E-04	.6166E-05	.2267E-05	.6079E-06
346	7 0 0 3	594.99	.8496E-03	.5356E-03	.3016E-03	.1460E-03	.5743E-04	.1680E-04
347	7 0 1 49	595.11	.1299E-03	.5402E-04	.1847E-04	.4856E-05	.8910E-06	.9781E-07
348	2 0 0 29	595.24	.4496E-01	.3277E-01	.2196E-01	.1315E-01	.6749E-02	.2780E-02
349	7 0 1 47	595.29	.1794E-03	.7711E-04	.2743E-04	.7570E-05	.1476E-05	.1752E-06
350	3 2 1 41	595.32	.6919E-04	.4451E-04	.2566E-04	.1278E-04	.5208E-05	.1593E-05
351	3 2 1 40	595.40	.7807E-04	.5089E-04	.2981E-04	.1514E-04	.6318E-05	.1994E-05
352	7 0 1 45	595.46	.2436E-03	.1081E-03	.3994E-04	.1155E-04	.2386E-05	.3052E-06
353	3 2 1 39	595.48	.8773E-04	.5793E-04	.3446E-04	.1783E-04	.7620E-05	.2479E-05
354	3 2 1 38	595.55	.9817E-04	.6564E-04	.3964E-04	.2089E-04	.9136E-05	.3061E-05
355	7 0 1 43	595.62	.3253E-03	.1488E-03	.5701E-04	.1724E-04	.3766E-05	.5172E-06
356	3 2 1 37	595.63	.1094E-03	.7405E-04	.4537E-04	.2435E-04	.1089E-04	.3754E-05
357	3 2 1 36	595.70	.1214E-03	.8315E-04	.5168E-04	.2822E-04	.1290E-04	.4574E-05
358	7 0 0 2	595.77	.7745E-03	.4888E-03	.2755E-03	.1336E-03	.5264E-04	.1544E-04
359	3 2 1 35	595.77	.1341E-03	.9293E-04	.5857E-04	.3253E-04	.1519E-04	.5535E-05
360	7 0 1 41	595.78	.4270E-03	.2011E-03	.7976E-04	.2516E-04	.5797E-05	.8526E-06

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
361	3 2 1 34	595.84	.1475E-03	.1034E-03	.6605E-04	.3729E-04	.1778E-04	.6652E-05
362	3 2 1 33	595.91	.1616E-03	.1145E-03	.7410E-04	.4252E-04	.2068E-04	.7939E-05
363	7 0 1 39	595.92	.5509E-03	.2667E-03	.1093E-03	.3592E-04	.8706E-05	.1367E-05
364	3 2 1 32	595.98	.1762E-03	.1262E-03	.8271E-04	.4820E-04	.2390E-04	.9410E-05
365	3 2 1 31	596.04	.1913E-03	.1384E-03	.9185E-04	.5434E-04	.2746E-04	.1108E-04
366	7 0 1 37	596.06	.6983E-03	.3470E-03	.1469E-03	.5014E-04	.1275E-04	.2129E-05
367	3 2 1 30	596.10	.2067E-03	.1510E-03	.1015E-03	.6091E-04	.3134E-04	.1294E-04
368	3 2 1 29	596.16	.2224E-03	.1641E-03	.1115E-03	.6788E-04	.3555E-04	.1502E-04
369	7 0 1 35	596.20	.8695E-03	.4430E-03	.1932E-03	.6840E-04	.1821E-04	.3225E-05
370	3 2 1 28	596.22	.2381E-03	.1773E-03	.1218E-03	.7520E-04	.4007E-04	.1730E-04
371	3 2 1 27	596.28	.2537E-03	.1906E-03	.1324E-03	.8282E-04	.4486E-04	.1979E-04
372	7 0 1 33	596.32	.1063E-02	.5545E-03	.2487E-03	.9117E-04	.2534E-04	.4744E-05
373	3 2 1 26	596.33	.2690E-03	.2039E-03	.1431E-03	.9066E-04	.4990E-04	.2247E-04
374	3 2 1 25	596.39	.2838E-03	.2169E-03	.1538E-03	.9864E-04	.5512E-04	.2531E-04
375	2 1 0 27	596.40	.5755E-03	.4318E-03	.2995E-03	.1870E-03	.1011E-03	.4449E-04
376	3 2 1 24	596.44	.2979E-03	.2296E-03	.1643E-03	.1066E-03	.6048E-04	.2831E-04
377	7 0 1 31	596.44	.1276E-02	.6805E-03	.3134E-03	.1187E-03	.3436E-04	.6777E-05
378	3 2 1 23	596.48	.3111E-03	.2416E-03	.1746E-03	.1146E-03	.6591E-04	.3141E-04
379	3 2 1 22	596.53	.3232E-03	.2528E-03	.1843E-03	.1223E-03	.7130E-04	.3458E-04
380	7 0 1 29	596.55	.1502E-02	.8181E-03	.3864E-03	.1508E-03	.4536E-04	.9398E-05
381	3 2 1 21	596.57	.3339E-03	.2630E-03	.1934E-03	.1296E-03	.7658E-04	.3777E-04
382	3 2 1 20	596.62	.3429E-03	.2720E-03	.2016E-03	.1365E-03	.8164E-04	.4091E-04
383	7 0 1 27	596.65	.1734E-02	.9630E-03	.4656E-03	.1870E-03	.5829E-04	.1264E-04
384	3 2 1 19	596.66	.3502E-03	.2795E-03	.2088E-03	.1427E-03	.8636E-04	.4394E-04
385	3 2 1 18	596.69	.3553E-03	.2854E-03	.2147E-03	.1481E-03	.9064E-04	.4678E-04
386	3 2 1 17	596.73	.3583E-03	.2894E-03	.2193E-03	.1525E-03	.9434E-04	.4936E-04
387	7 0 1 25	596.75	.1962E-02	.1109E-02	.5480E-03	.2261E-03	.7283E-04	.1648E-04
388	3 2 1 16	596.77	.3588E-03	.2914E-03	.2222E-03	.1558E-03	.9736E-04	.5160E-04
389	3 2 1 15	596.80	.3567E-03	.2912E-03	.2235E-03	.1579E-03	.9957E-04	.5342E-04
390	2 0 0 27	596.83	.5211E-01	.3872E-01	.2656E-01	.1636E-01	.8700E-02	.3751E-02
391	3 2 1 14	596.83	.3519E-03	.2887E-03	.2228E-03	.1585E-03	.1009E-03	.5474E-04
392	7 0 1 23	596.84	.2173E-02	.1249E-02	.6296E-03	.2661E-03	.8841E-04	.2082E-04
393	3 2 1 13	596.86	.3443E-03	.2837E-03	.2202E-03	.1577E-03	.1012E-03	.5549E-04
394	3 2 1 12	596.88	.3338E-03	.2763E-03	.2155E-03	.1553E-03	.1004E-03	.5560E-04
395	3 2 1 11	596.91	.3205E-03	.2662E-03	.2086E-03	.1512E-03	.9843E-04	.5501E-04
396	7 0 1 21	596.92	.2352E-02	.1373E-02	.7051E-03	.3049E-03	.1042E-03	.2543E-04
397	3 2 1 10	596.93	.3042E-03	.2536E-03	.1996E-03	.1454E-03	.9528E-04	.5370E-04
398	3 2 1 9	596.95	.2852E-03	.2385E-03	.1884E-03	.1379E-03	.9091E-04	.5163E-04
399	3 2 1 8	596.97	.2634E-03	.2210E-03	.1752E-03	.1288E-03	.8533E-04	.4879E-04
400	3 2 1 7	596.98	.2391E-03	.2011E-03	.1599E-03	.1180E-03	.7856E-04	.4519E-04
401	7 0 1 19	596.99	.2487E-02	.1472E-02	.7687E-03	.3392E-03	.1189E-03	.3001E-04
402	3 2 1 6	597.00	.2125E-03	.1791E-03	.1428E-03	.1057E-03	.7067E-04	.4087E-04
403	3 2 1 5	597.01	.1836E-03	.1551E-03	.1239E-03	.9200E-04	.6173E-04	.3586E-04
404	3 2 1 4	597.02	.1529E-03	.1294E-03	.1036E-03	.7707E-04	.5187E-04	.3025E-04
405	3 2 1 3	597.03	.1206E-03	.1022E-03	.8194E-04	.6109E-04	.4121E-04	.2410E-04

LINE	BAND	CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
406	3	2 1 2	597.03	.8710E-04	.7384E-04	.5928E-04	.4426E-04	.2991E-04	.1753E-04
407	7	0 1 17	597.06	.2561E-02	.1536E-02	.8141E-03	.3660E-03	.1313E-03	.3413E-04
408	7	0 1 15	597.12	.2564E-02	.1554E-02	.8352E-03	.3818E-03	.1398E-03	.3733E-04
409	7	0 1 13	597.17	.2483E-02	.1521E-02	.8269E-03	.3835E-03	.1430E-03	.3908E-04
410	7	0 1 11	597.22	.2314E-02	.1429E-02	.7852E-03	.3687E-03	.1397E-03	.3895E-04
411	7	0 1 9	597.26	.2054E-02	.1278E-02	.7080E-03	.3360E-03	.1290E-03	.3657E-04
412	7	0 1 7	597.29	.1705E-02	.1067E-02	.5951E-03	.2849E-03	.1105E-03	.3177E-04
413	7	0 1 5	597.31	.1271E-02	.7985E-03	.4479E-03	.2158E-03	.8441E-04	.2452E-04
414	7	0 1 3	597.33	.7468E-03	.4708E-03	.2651E-03	.1283E-03	.5046E-04	.1476E-04
415	7	0 1 52	597.33	.7797E-04	.3078E-04	.9881E-05	.2407E-05	.4013E-06	.3895E-07
416	7	0 1 4	597.34	.1022E-02	.6431E-03	.3615E-03	.1746E-03	.6850E-04	.1998E-04
417	7	0 1 50	597.34	.1103E-03	.4511E-04	.1511E-04	.3874E-05	.6890E-06	.7264E-07
418	7	0 1 2	597.34	.4316E-03	.2724E-03	.1535E-03	.7441E-04	.2933E-04	.8601E-05
419	7	0 1 8	597.34	.1891E-02	.1180E-02	.6560E-03	.3127E-03	.1207E-03	.3448E-04
420	7	0 1 6	597.34	.1498E-02	.9397E-03	.5258E-03	.2526E-03	.9842E-04	.2845E-04
421	7	0 1 10	597.34	.2196E-02	.1361E-02	.7512E-03	.3547E-03	.1353E-03	.3806E-04
422	7	0 1 12	597.34	.2411E-02	.1483E-02	.8106E-03	.3784E-03	.1423E-03	.3929E-04
423	7	0 1 14	597.34	.2535E-02	.1545E-02	.8353E-03	.3847E-03	.1422E-03	.3843E-04
424	7	0 1 48	597.34	.1536E-03	.6496E-04	.2265E-04	.6103E-05	.1155E-05	.1318E-06
425	7	0 1 16	597.34	.2574E-02	.1552E-02	.8284E-03	.3756E-03	.1362E-03	.3589E-04
426	7	0 1 18	597.34	.2534E-02	.1510E-02	.7945E-03	.3540E-03	.1256E-03	.3217E-04
427	7	0 1 46	597.34	.2103E-03	.9186E-04	.3330E-04	.9410E-05	.1889E-05	.2328E-06
428	7	0 1 20	597.34	.2428E-02	.1428E-02	.7393E-03	.3230E-03	.1118E-03	.2777E-04
429	7	0 1 22	597.34	.2269E-02	.1315E-02	.6690E-03	.2861E-03	.9642E-04	.2312E-04
430	7	0 1 44	597.34	.2831E-03	.1276E-03	.4800E-04	.1419E-04	.3017E-05	.4000E-06
431	7	0 1 24	597.34	.2073E-02	.1182E-02	.5898E-03	.2464E-03	.8062E-04	.1862E-04
432	7	0 1 26	597.35	.1852E-02	.1038E-02	.5072E-03	.2065E-03	.6546E-04	.1451E-04
433	7	0 1 42	597.35	.3747E-03	.1739E-03	.6781E-04	.2095E-04	.4701E-05	.6683E-06
434	7	0 1 28	597.35	.1621E-02	.8912E-03	.4259E-03	.1687E-03	.5167E-04	.1096E-04
435	7	0 1 30	597.35	.1390E-02	.7493E-03	.3495E-03	.1344E-03	.3967E-04	.8023E-05
436	7	0 1 32	597.35	.1170E-02	.6170E-03	.2805E-03	.1045E-03	.2966E-04	.5701E-05
437	7	0 1 34	597.35	.9658E-03	.4979E-03	.2202E-03	.7936E-04	.2159E-04	.3933E-05
438	7	0 1 38	597.35	.6233E-03	.3057E-03	.1274E-03	.4267E-04	.1060E-04	.1716E-05
439	7	0 1 40	597.35	.4875E-03	.2328E-03	.9390E-04	.3023E-04	.7146E-05	.1086E-05
440	7	0 1 36	597.35	.7829E-03	.3940E-03	.1693E-03	.5886E-04	.1532E-04	.2636E-05
441	2	1 0 25	597.93	.6537E-03	.4994E-03	.3539E-03	.2269E-03	.1268E-03	.5821E-04
442	2	0 0 25	598.41	.5920E-01	.4479E-01	.3139E-01	.1985E-01	.1091E-01	.4908E-02
443	2	1 0 23	599.47	.7272E-03	.5648E-03	.4083E-03	.2683E-03	.1545E-03	.7379E-04
444	7	0 2 2	599.68	.8672E-04	.5471E-04	.3084E-04	.1495E-04	.5889E-05	.1727E-05
445	2	0 0 23	599.98	.6585E-01	.5066E-01	.3622E-01	.2347E-01	.1330E-01	.6223E-02
446	1	1 0 64	600.28	.9698E-04	.5415E-04	.2635E-04	.1067E-04	.3355E-05	.7359E-06
447	7	0 2 3	600.47	.1932E-03	.1218E-03	.6856E-04	.3317E-04	.1305E-04	.3817E-05
448	2	1 0 21	601.01	.7913E-03	.6241E-03	.4595E-03	.3087E-03	.1829E-03	.9055E-04
449	7	0 2 4	601.23	.3050E-03	.1920E-03	.1079E-03	.5209E-04	.2044E-04	.5960E-05
450	3	2 2 5	601.44	.8420E-04	.7109E-04	.5680E-04	.4216E-04	.2828E-04	.1643E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
451	2 0 0 21	601.56	.7167E-01	.5598E-01	.4076E-01	.2701E-01	.1574E-01	.7636E-02
452	5 0 0 60	601.59	.1186E-03	.4110E-04	.1128E-04	.2269E-05	.2980E-06	.2127E-07
453	1 1 0 62	601.73	.1513E-03	.8818E-04	.4518E-04	.1948E-04	.6631E-05	.1610E-05
454	7 0 2 5	602.04	.4164E-03	.2616E-03	.1467E-03	.7067E-04	.2764E-04	.8026E-05
455	3 2 2 6	602.17	.9906E-04	.8348E-04	.6654E-04	.4924E-04	.3292E-04	.1903E-04
456	2 1 0 19	602.55	.8413E-03	.6728E-03	.5037E-03	.3454E-03	.2099E-03	.1074E-03
457	7 0 2 6	602.77	.5242E-03	.3286E-03	.1838E-03	.8828E-04	.3440E-04	.9941E-05
458	3 2 2 7	602.90	.1129E-03	.9493E-04	.7546E-04	.5566E-04	.3705E-04	.2131E-04
459	5 0 0 58	603.04	.1793E-03	.6466E-04	.1863E-04	.3976E-05	.5621E-06	.4413E-07
460	2 0 0 19	603.13	.7620E-01	.6035E-01	.4468E-01	.3022E-01	.1807E-01	.9057E-02
461	1 1 0 60	603.19	.2323E-03	.1411E-03	.7602E-04	.3485E-04	.1281E-04	.3430E-05
462	7 0 2 7	603.60	.6264E-03	.3918E-03	.2186E-03	.1046E-03	.4056E-04	.1166E-04
463	3 2 2 8	603.63	.1256E-03	.1053E-03	.8347E-04	.6134E-04	.4064E-04	.2323E-04
464	2 1 0 17	604.09	.8724E-03	.7064E-03	.5369E-03	.3750E-03	.2332E-03	.1229E-03
465	7 0 2 8	604.30	.7215E-03	.4500E-03	.2502E-03	.1192E-03	.4601E-04	.1314E-04
466	3 2 2 9	604.36	.1371E-03	.1146E-03	.9051E-04	.6623E-04	.4365E-04	.2478E-04
467	5 0 0 56	604.49	.2665E-03	.9996E-04	.3018E-04	.6820E-05	.1036E-05	.8914E-07
468	1 1 0 58	604.65	.3509E-03	.2220E-03	.1255E-03	.6105E-04	.2415E-04	.7116E-05
469	2 0 0 17	604.71	.7902E-01	.6337E-01	.4763E-01	.3281E-01	.2008E-01	.1037E-01
470	3 2 2 10	605.09	.1472E-03	.1227E-03	.9652E-04	.7029E-04	.4605E-04	.2595E-04
471	7 0 2 9	605.17	.8084E-03	.5027E-03	.2784E-03	.1321E-03	.5069E-04	.1437E-04
472	2 1 0 15	605.63	.8801E-03	.7207E-03	.5552E-03	.3942E-03	.2502E-03	.1354E-03
473	5 1 0 32	605.72	.8440E-04	.4595E-04	.2169E-04	.8463E-05	.2542E-05	.5255E-06
474	3 2 2 11	605.81	.1560E-03	.1295E-03	.1015E-03	.7351E-04	.4784E-04	.2673E-04
475	7 0 2 10	605.83	.8859E-03	.5490E-03	.3028E-03	.1429E-03	.5451E-04	.1533E-04
476	5 0 0 54	605.96	.3899E-03	.1518E-03	.4796E-04	.1145E-04	.1864E-05	.1753E-06
477	1 1 0 56	606.11	.5217E-03	.3432E-03	.2033E-03	.1047E-03	.4450E-04	.1437E-04
478	2 0 0 15	606.28	.7972E-01	.6465E-01	.4925E-01	.3449E-01	.2154E-01	.1142E-01
479	1 0 0 82	606.42	.7976E-04	.2839E-04	.8053E-05	.1686E-05	.2327E-06	.1772E-07
480	3 2 2 12	606.54	.1633E-03	.1351E-03	.1053E-03	.7588E-04	.4904E-04	.2715E-04
481	7 0 2 11	606.74	.9540E-03	.5889E-03	.3234E-03	.1518E-03	.5749E-04	.1602E-04
482	2 1 0 13	607.18	.8610E-03	.7120E-03	.5550E-03	.3998E-03	.2584E-03	.1431E-03
483	3 2 2 13	607.26	.1692E-03	.1394E-03	.1081E-03	.7741E-04	.4965E-04	.2722E-04
484	5 1 0 30	607.28	.1003E-03	.5578E-04	.2701E-04	.1088E-04	.3397E-05	.7388E-06
485	7 0 2 12	607.35	.1011E-02	.6218E-03	.3397E-03	.1585E-03	.5958E-04	.1644E-04
486	5 0 0 52	607.42	.5612E-03	.2266E-03	.7477E-04	.1883E-04	.3275E-05	.3356E-06
487	1 1 0 54	607.57	.7632E-03	.5213E-03	.3231E-03	.1758E-03	.8007E-04	.2826E-04
488	1 0 0 80	607.83	.1432E-03	.5386E-04	.1632E-04	.3705E-05	.5658E-06	.4906E-07
489	2 0 0 13	607.85	.7800E-01	.6388E-01	.4923E-01	.3498E-01	.2224E-01	.1207E-01
490	3 2 2 14	607.98	.1737E-03	.1424E-03	.1099E-03	.7815E-04	.4970E-04	.2696E-04
491	7 0 2 13	608.30	.1059E-02	.6481E-03	.3522E-03	.1633E-03	.6087E-04	.1662E-04
492	3 2 2 15	608.71	.1767E-03	.1442E-03	.1106E-03	.7811E-04	.4925E-04	.2641E-04
493	2 1 0 11	608.73	.8129E-03	.6779E-03	.5338E-03	.3893E-03	.2556E-03	.1444E-03
494	5 1 0 28	608.84	.1168E-03	.6629E-04	.3288E-04	.1363E-04	.4419E-05	.1007E-05
495	7 0 2 14	608.87	.1095E-02	.6671E-03	.3604E-03	.1659E-03	.6131E-04	.1656E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
496	5 0 0 50	608.90	.7947E-03	.3323E-03	.1143E-03	.3031E-04	.5620E-05	.6254E-06
497	1 1 0 52	609.04	.1098E-02	.7780E-03	.5036E-03	.2891E-03	.1407E-03	.5410E-04
498	1 0 0 78	609.24	.2531E-03	.1005E-03	.3247E-04	.7976E-05	.1345E-05	.1323E-06
499	1 4 0 44	609.37	.8426E-04	.6943E-04	.5389E-04	.3861E-04	.2478E-04	.1360E-04
500	2 0 0 11	609.42	.7364E-01	.6082E-01	.4736E-01	.3407E-01	.2200E-01	.1218E-01
501	3 2 2 16	609.43	.1784E-03	.1448E-03	.1104E-03	.7737E-04	.4832E-04	.2560E-04
502	7 0 2 15	609.87	.1122E-02	.6798E-03	.3651E-03	.1668E-03	.6105E-04	.1629E-04
503	3 2 2 17	610.15	.1787E-03	.1443E-03	.1093E-03	.7597E-04	.4697E-04	.2457E-04
504	1 4 0 43	610.18	.9627E-04	.8045E-04	.6350E-04	.4645E-04	.3059E-04	.1736E-04
505	2 1 0 9	610.28	.7350E-03	.6174E-03	.4903E-03	.3613E-03	.2403E-03	.1381E-03
506	7 0 2 16	610.38	.1138E-02	.6855E-03	.3657E-03	.1657E-03	.6006E-04	.1582E-04
507	5 0 0 48	610.38	.1107E-02	.4785E-03	.1714E-03	.4774E-04	.9415E-05	.1134E-05
508	5 1 0 26	610.40	.1333E-03	.7707E-04	.3910E-04	.1666E-04	.5589E-05	.1332E-05
509	1 1 0 50	610.52	.1555E-02	.1141E-02	.7699E-03	.4652E-03	.2414E-03	.1008E-03
510	1 0 0 76	610.66	.4404E-03	.1842E-03	.6342E-04	.1683E-04	.3123E-05	.3479E-06
511	3 2 2 18	610.87	.1778E-03	.1427E-03	.1073E-03	.7399E-04	.4526E-04	.2335E-04
512	2 0 0 9	610.99	.6659E-01	.5539E-01	.4349E-01	.3162E-01	.2069E-01	.1165E-01
513	1 4 0 42	610.99	.1095E-03	.9281E-04	.7448E-04	.5558E-04	.3755E-04	.2201E-04
514	7 0 2 17	611.44	.1145E-02	.6857E-03	.3633E-03	.1632E-03	.5852E-04	.1520E-04
515	3 2 2 19	611.59	.1758E-03	.1402E-03	.1047E-03	.7150E-04	.4325E-04	.2200E-04
516	1 4 0 41	611.80	.1241E-03	.1066E-03	.8693E-04	.6617E-04	.4582E-04	.2772E-04
517	2 1 0 7	611.83	.6286E-03	.5310E-03	.4246E-03	.3155E-03	.2121E-03	.1235E-03
518	5 0 0 46	611.86	.1516E-02	.6769E-03	.2520E-03	.7359E-04	.1540E-04	.2001E-05
519	7 0 2 18	611.87	.1141E-02	.6794E-03	.3573E-03	.1591E-03	.5640E-04	.1444E-04
520	5 1 0 24	611.96	.1489E-03	.8760E-04	.4537E-04	.1984E-04	.6868E-05	.1705E-05
521	1 1 0 48	612.00	.2165E-02	.1642E-02	.1154E-02	.7326E-03	.4043E-03	.1827E-03
522	1 0 0 74	612.08	.7547E-03	.3323E-03	.1216E-03	.3478E-04	.7089E-05	.8910E-06
523	4 1 0 48	612.28	.7930E-04	.4529E-04	.2264E-04	.9479E-05	.3109E-05	.7198E-06
524	3 2 2 20	612.30	.1726E-03	.1368E-03	.1013E-03	.6858E-04	.4100E-04	.2054E-04
525	2 0 0 7	612.56	.5695E-01	.4764E-01	.3767E-01	.2761E-01	.1826E-01	.1042E-01
526	1 4 0 40	612.61	.1401E-03	.1219E-03	.1010E-03	.7835E-04	.5557E-04	.3468E-04
527	7 0 2 19	613.00	.1131E-02	.6688E-03	.3489E-03	.1539E-03	.5391E-04	.1359E-04
528	3 2 2 21	613.02	.1685E-03	.1327E-03	.9747E-04	.6531E-04	.3856E-04	.1901E-04
529	4 1 0 49	613.06	.6806E-04	.3825E-04	.1876E-04	.7670E-05	.2443E-05	.5446E-06
530	5 0 0 44	613.35	.2041E-02	.9401E-03	.3632E-03	.1110E-03	.2457E-04	.3435E-05
531	7 0 2 20	613.36	.1111E-02	.6524E-03	.3376E-03	.1474E-03	.5100E-04	.1265E-04
532	2 1 0 5	613.39	.4964E-03	.4212E-03	.3385E-03	.2532E-03	.1716E-03	.1010E-03
533	1 4 0 39	613.42	.1574E-03	.1387E-03	.1167E-03	.9227E-04	.6700E-04	.4310E-04
534	1 1 0 46	613.48	.2965E-02	.2323E-02	.1697E-02	.1129E-02	.6610E-03	.3224E-03
535	1 0 0 72	613.51	.1273E-02	.5893E-03	.2290E-03	.7043E-04	.1573E-04	.2223E-05
536	5 1 0 22	613.53	.1626E-03	.9721E-04	.5133E-04	.2297E-04	.8189E-05	.2111E-05
537	2 0 1 70	613.62	.1012E-03	.3665E-04	.1062E-04	.2281E-05	.3252E-06	.2582E-07
538	3 2 2 22	613.74	.1636E-03	.1279E-03	.9314E-04	.6176E-04	.3599E-04	.1745E-04
539	4 1 0 46	613.76	.1085E-03	.6400E-04	.3326E-04	.1460E-04	.5080E-05	.1269E-05
540	2 0 1 68	613.90	.1654E-03	.6281E-04	.1926E-04	.4434E-05	.6895E-06	.6119E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
541	2 0 0 5	614.12	.4497E-01	.3779E-01	.3004E-01	.2216E-01	.1477E-01	.8518E-02
542	2 0 1 66	614.16	.2662E-03	.1058E-03	.3429E-04	.8445E-05	.1428E-05	.1412E-06
543	1 4 0 38	614.22	.1761E-03	.1572E-03	.1342E-03	.1081E-03	.8031E-04	.5320E-04
544	4 1 0 47	614.42	.9383E-04	.5450E-04	.2780E-04	.1193E-04	.4036E-05	.9726E-06
545	2 0 1 64	614.42	.4217E-03	.1753E-03	.5991E-04	.1575E-04	.2891E-05	.3176E-06
546	3 2 2 23	614.45	.1579E-03	.1225E-03	.8844E-04	.5801E-04	.3335E-04	.1589E-04
547	7 0 2 21	614.57	.1085E-02	.6330E-03	.3247E-03	.1403E-03	.4790E-04	.1169E-04
548	2 0 1 62	614.66	.6575E-03	.2854E-03	.1027E-03	.2878E-04	.5717E-05	.6953E-06
549	5 0 0 42	614.85	.2702E-02	.1282E-02	.5131E-03	.1637E-03	.3827E-04	.5735E-05
550	7 0 2 22	614.85	.1052E-02	.6089E-03	.3096E-03	.1323E-03	.4455E-04	.1068E-04
551	2 0 1 60	614.90	.1009E-02	.4567E-03	.1729E-03	.5149E-04	.1104E-04	.1482E-05
552	1 0 0 70	614.94	.2115E-02	.1027E-02	.4231E-03	.1397E-03	.3410E-04	.5403E-05
553	2 1 0 3	614.95	.3433E-03	.2921E-03	.2357E-03	.1771E-03	.1206E-03	.7151E-04
554	1 1 0 44	614.96	.3992E-02	.3226E-02	.2445E-02	.1702E-02	.1055E-02	.5533E-03
555	1 4 0 37	615.03	.1963E-03	.1773E-03	.1536E-03	.1259E-03	.9568E-04	.6522E-04
556	5 1 0 20	615.09	.1734E-03	.1052E-03	.5651E-04	.2583E-04	.9461E-05	.2524E-05
557	2 0 1 58	615.12	.1524E-02	.7183E-03	.2854E-03	.9020E-04	.2084E-04	.3077E-05
558	2 0 1 56	615.33	.2265E-02	.1110E-02	.4622E-03	.1547E-03	.3841E-04	.6220E-05
559	2 0 1 54	615.54	.3312E-02	.1686E-02	.7345E-03	.2599E-03	.6914E-04	.1224E-04
560	2 0 0 3	615.69	.3110E-01	.2621E-01	.2091E-01	.1550E-01	.1039E-01	.6032E-02
561	2 0 1 52	615.73	.4764E-02	.2515E-02	.1145E-02	.4273E-03	.1215E-03	.2344E-04
562	1 4 0 36	615.83	.2178E-03	.1990E-03	.1749E-03	.1459E-03	.1133E-03	.7943E-04
563	2 0 1 50	615.92	.6743E-02	.3687E-02	.1750E-02	.6878E-03	.2086E-03	.4370E-04
564	2 0 1 48	616.09	.9387E-02	.5308E-02	.2624E-02	.1083E-02	.3496E-03	.7929E-04
565	7 0 2 23	616.14	.1015E-02	.5831E-03	.2936E-03	.1240E-03	.4117E-04	.9685E-05
566	2 0 1 46	616.26	.1285E-01	.7507E-02	.3858E-02	.1670E-02	.5718E-03	.1400E-03
567	7 0 2 24	616.32	.9719E-03	.5536E-03	.2761E-03	.1152E-03	.3767E-04	.8694E-05
568	5 0 0 40	616.34	.3516E-02	.1715E-02.	.7103E-03	.2362E-03	.5813E-04	.9312E-05
569	1 0 0 68	616.38	.3459E-02	.1761E-02	.7673E-03	.2716E-03	.7226E-04	.1279E-04
570	2 0 1 44	616.42	.1730E-01	.1042E-01	.5560E-02	.2519E-02	.9128E-03	.2404E-03
571	1 1 0 42	616.45	.5285E-02	.4397E-02	.3453E-02	.2511E-02	.1642E-02	.9236E-03
572	2 1 0 1	616.51	.1754E-03	.1495E-03	.1209E-03	.9102E-04	.6221E-04	.3702E-04
573	2 1 1 44	616.56	.1913E-03	.1164E-03	.6275E-04	.2882E-04	.1062E-04	.2854E-05
574	2 0 1 42	616.57	.2290E-01	.1421E-01	.7855E-02	.3717E-02	.1422E-02	.4017E-03
575	1 4 0 35	616.63	.2406E-03	.2224E-03	.1982E-03	.1682E-03	.1334E-03	.9606E-04
576	2 1 1 42	616.63	.2531E-03	.1586E-03	.8865E-04	.4252E-04	.1654E-04	.4767E-05
577	5 1 0 18	616.65	.1801E-03	.1107E-03	.6042E-04	.2817E-04	.1057E-04	.2909E-05
578	2 1 1 40	616.70	.3293E-03	.2123E-03	.1227E-03	.6136E-04	.2513E-04	.7744E-05
579	2 0 1 40	616.71	.2980E-01	.1902E-01	.1088E-01	.5364E-02	.2162E-02	.6526E-03
580	4 1 0 42	616.74	.1929E-03	.1209E-03	.6754E-04	.3240E-04	.1260E-04	.3632E-05
581	2 1 1 38	616.76	.4210E-03	.2788E-03	.1665E-03	.8659E-04	.3726E-04	.1223E-04
582	2 1 1 36	616.82	.5288E-03	.3592E-03	.2212E-03	.1194E-03	.5386E-04	.1878E-04
583	2 0 1 38	616.84	.3810E-01	.2498E-01	.1475E-01	.7570E-02	.3205E-02	.1031E-02
584	2 1 1 34	616.87	.6523E-03	.4540E-03	.2878E-03	.1610E-03	.7591E-04	.2802E-04
585	2 1 1 32	616.92	.7901E-03	.5626E-03	.3665E-03	.2121E-03	.1042E-03	.4061E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
586	2 0 1 36	616.97	.4785E-01	.3220E-01	.1960E-01	.1044E-01	.4634E-02	.1583E-02
587	2 1 1 30	616.97	.9391E-03	.6833E-03	.4568E-03	.2727E-03	.1395E-03	.5715E-04
588	2 1 1 28	617.01	.1095E-02	.8129E-03	.5567E-03	.3423E-03	.1816E-03	.7805E-04
589	2 1 1 26	617.05	.1252E-02	.9466E-03	.6630E-03	.4191E-03	.2301E-03	.1034E-03
590	2 0 1 34	617.08	.5904E-01	.4070E-01	.2551E-01	.1408E-01	.6530E-02	.2362E-02
591	2 1 1 24	617.09	.1401E-02	.1078E-02	.7712E-03	.5001E-03	.2835E-03	.1327E-03
592	2 1 1 22	617.12	.1535E-02	.1200E-02	.8752E-03	.5811E-03	.3392E-03	.1648E-03
593	2 1 1 20	617.15	.1643E-02	.1304E-02	.9678E-03	.6565E-03	.3937E-03	.1980E-03
594	4 1 0 43	617.17	.1694E-03	.1047E-03	.5752E-04	.2702E-04	.1024E-04	.2855E-05
595	2 1 1 18	617.18	.1717E-02	.1381E-02	.1041E-02	.7201E-03	.4425E-03	.2297E-03
596	2 0 1 32	617.19	.7152E-01	.5044E-01	.3249E-01	.1855E-01	.8969E-02	.3424E-02
597	2 1 1 16	617.20	.1746E-02	.1421E-02	.1087E-02	.7652E-03	.4806E-03	.2566E-03
598	2 1 1 14	617.22	.1724E-02	.1418E-02	.1098E-02	.7853E-03	.5029E-03	.2753E-03
599	2 1 1 12	617.24	.1645E-02	.1365E-02	.1069E-02	.7749E-03	.5047E-03	.2823E-03
600	2 0 0 1	617.25	.1589E-01	.1341E-01	.1072E-01	.7966E-02	.5356E-02	.3123E-02
601	2 1 1 10	617.25	.1506E-02	.1260E-02	.9963E-03	.7303E-03	.4826E-03	.2750E-03
602	2 1 1 8	617.27	.1309E-02	.1103E-02	.8786E-03	.6502E-03	.4348E-03	.2515E-03
603	2 1 1 6	617.28	.1059E-02	.8967E-03	.7189E-03	.5360E-03	.3618E-03	.2118E-03
604	2 1 1 4	617.28	.7643E-03	.6494E-03	.5230E-03	.3921E-03	.2664E-03	.1574E-03
605	2 1 1 2	617.29	.4359E-03	.3713E-03	.2998E-03	.2256E-03	.1540E-03	.9148E-04
606	2 0 1 30	617.30	.8502E-01	.6126E-01	.4050E-01	.2385E-01	.1200E-01	.4818E-02
607	2 0 1 28	617.39	.9914E-01	.7289E-01	.4936E-01	.2994E-01	.1563E-01	.6580E-02
608	1 4 0 34	617.43	.2646E-03	.2474E-03	.2234E-03	.1927E-03	.1560E-03	.1154E-03
609	2 0 1 26	617.48	.1133E+00	.8489E-01	.5880E-01	.3666E-01	.1981E-01	.8716E-02
610	2 0 1 24	617.56	.1269E+00	.9671E-01	.6840E-01	.4375E-01	.2440E-01	.1119E-01
611	2 0 1 22	617.64	.1390E+00	.1077E+00	.7762E-01	.5084E-01	.2920E-01	.1390E-01
612	7 0 2 25	617.70	.9271E-03	.5236E-03	.2584E-03	.1065E-03	.3428E-04	.7753E-05
613	2 0 1 20	617.71	.1488E+00	.1170E+00	.8584E-01	.5744E-01	.3389E-01	.1670E-01
614	2 0 1 18	617.77	.1555E+00	.1239E+00	.9234E-01	.6301E-01	.3809E-01	.1937E-01
615	7 0 2 26	617.79	.8774E-03	.4911E-03	.2398E-03	.9756E-04	.3090E-04	.6843E-05
616	1 0 0 66	617.81	.5568E-02	.2967E-02	.1366E-02	.5169E-03	.1496E-03	.2950E-04
617	2 0 1 16	617.82	.1582E+00	.1275E+00	.9643E-01	.6696E-01	.4137E-01	.2164E-01
618	5 0 0 38	617.85	.4495E-02	.2253E-02	.9633E-03	.3332E-03	.8614E-04	.1470E-04
619	2 0 1 14	617.87	.1562E+00	.1272E+00	.9744E-01	.6872E-01	.4329E-01	.2322E-01
620	2 0 1 12	617.91	.1490E+00	.1225E+00	.9487E-01	.6781E-01	.4345E-01	.2381E-01
621	1 1 0 40	617.94	.6875E-02	.5884E-02	.4780E-02	.3622E-02	.2494E-02	.1499E-02
622	2 0 1 10	617.95	.1364E+00	.1131E+00	.8839E-01	.6391E-01	.4154E-01	.2319E-01
623	2 0 1 8	617.98	.1186E+00	.9893E-01	.7795E-01	.5690E-01	.3743E-01	.2122E-01
624	2 0 1 6	618.00	.9597E-01	.8045E-01	.6378E-01	.4691E-01	.3114E-01	.1787E-01
625	2 0 1 4	618.02	.6924E-01	.5826E-01	.4640E-01	.3431E-01	.2294E-01	.1328E-01
626	2 0 1 2	618.03	.3949E-01	.3331E-01	.2660E-01	.1974E-01	.1326E-01	.7717E-02
627	4 0 0 66	618.03	.2042E-03	.8119E-04	.2629E-04	.6475E-05	.1095E-05	.1083E-06
628	5 1 0 16	618.22	.1817E-03	.1130E-03	.6258E-04	.2968E-04	.1138E-04	.3223E-05
629	1 4 0 33	618.22	.2897E-03	.2738E-03	.2506E-03	.2196E-03	.1813E-03	.1376E-03
630	4 1 0 40	618.23	.2505E-03	.1615E-03	.9334E-04	.4667E-04	.1911E-04	.5889E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
631	4 1 0 41	618.55	.2219E-03	.1411E-03	.8025E-04	.3933E-04	.1572E-04	.4690E-05
632	1 4 0 32	619.02	.3158E-03	.3017E-03	.2796E-03	.2488E-03	.2095E-03	.1630E-03
633	1 0 0 64	619.25	.8823E-02	.4915E-02	.2386E-02	.9639E-03	.3026E-03	.6627E-04
634	7 0 2 28	619.25	.7749E-03	.4257E-03	.2032E-03	.8042E-04	.2461E-04	.5214E-05
635	7 0 2 27	619.27	.8279E-03	.4592E-03	.2217E-03	.8898E-04	.2771E-04	.6004E-05
636	5 0 0 36	619.36	.5645E-02	.2902E-02	.1279E-02	.4593E-03	.1244E-03	.2255E-04
637	1 1 0 38	619.44	.8789E-02	.7726E-02	.6481E-02	.5108E-02	.3695E-02	.2366E-02
638	4 0 0 64	619.47	.3237E-03	.1345E-03	.4597E-04	.1208E-04	.2217E-05	.2435E-06
639	2 0 2 1	619.59	.7981E-02	.6736E-02	.5384E-02	.3999E-02	.2689E-02	.1567E-02
640	4 1 0 38	619.73	.3196E-03	.2116E-03	.1263E-03	.6570E-04	.2827E-04	.9280E-05
641	5 1 0 14	619.78	.1774E-03	.1115E-03	.6253E-04	.3012E-04	.1178E-04	.3418E-05
642	1 4 0 31	619.81	.3427E-03	.3307E-03	.3102E-03	.2803E-03	.2405E-03	.1917E-03
643	4 1 0 39	619.95	.2854E-03	.1865E-03	.1097E-03	.5597E-04	.2352E-04	.7490E-05
644	4 0 0 67	620.05	.1642E-03	.6390E-04	.2016E-04	.4811E-05	.7820E-06	.7348E-07
645	3 2 2 31	620.13	.9884E-04	.7144E-04	.4737E-04	.2801E-04	.1414E-04	.5703E-05
646	1 2 0 59	620.30	.7133E-04	.4575E-04	.2628E-04	.1304E-04	.5290E-05	.1609E-05
647	2 1 2 3	620.42	.2601E-03	.2213E-03	.1785E-03	.1341E-03	.9133E-04	.5413E-04
648	1 4 0 30	620.60	.3701E-03	.3607E-03	.3425E-03	.3139E-03	.2743E-03	.2238E-03
649	1 0 0 62	620.70	.1376E-01	.8003E-02	.4092E-02	.1760E-02	.5980E-03	.1450E-03
650	7 0 2 30	620.71	.6703E-03	.3609E-03	.1682E-03	.6460E-04	.1905E-04	.3849E-05
651	7 0 2 29	620.83	.7237E-03	.3936E-03	.1857E-03	.7241E-04	.2176E-04	.4503E-05
652	3 2 2 32	620.84	.9124E-04	.6527E-04	.4275E-04	.2490E-04	.1234E-04	.4856E-05
653	5 0 0 34	620.87	.6962E-02	.3666E-02	.1664E-02	.6188E-03	.1752E-03	.3361E-04
654	4 0 0 62	620.92	.5049E-03	.2191E-03	.7885E-04	.2208E-04	.4386E-05	.5333E-06
655	1 1 0 36	620.94	.1104E-01	.9951E-02	.8607E-02	.7042E-02	.5337E-02	.3629E-02
656	1 2 0 58	620.99	.8642E-04	.5648E-04	.3319E-04	.1693E-04	.7110E-05	.2262E-05
657	2 0 2 3	621.15	.2357E-01	.1986E-01	.1584E-01	.1173E-01	.7863E-02	.4566E-02
658	4 1 0 36	621.23	.4003E-03	.2719E-03	.1674E-03	.9038E-04	.4075E-04	.1421E-04
659	4 0 0 65	621.33	.2621E-03	.1067E-03	.3554E-04	.9059E-05	.1600E-05	.1672E-06
660	5 1 0 12	621.34	.1666E-03	.1057E-03	.5991E-04	.2925E-04	.1163E-04	.3449E-05
661	4 1 0 37	621.35	.3606E-03	.2419E-03	.1468E-03	.7783E-04	.3432E-04	.1162E-04
662	1 4 0 29	621.39	.3978E-03	.3915E-03	.3760E-03	.3496E-03	.3108E-03	.2595E-03
663	3 2 2 33	621.54	.8385E-04	.5935E-04	.3838E-04	.2200E-04	.1069E-04	.4105E-05
664	1 2 0 57	621.68	.1043E-03	.6944E-04	.4173E-04	.2187E-04	.9502E-05	.3158E-05
665	2 1 2 5	621.99	.4204E-03	.3565E-03	.2865E-03	.2142E-03	.1451E-03	.8536E-04
666	1 0 0 60	622.15	.2112E-01	.1281E-01	.6884E-02	.3149E-02	.1155E-02	.3088E-03
667	7 0 2 32	622.15	.5683E-03	.2994E-03	.1360E-03	.5061E-04	.1434E-04	.2755E-05
668	1 4 0 28	622.18	.4256E-03	.4227E-03	.4105E-03	.3869E-03	.3499E-03	.2986E-03
669	3 2 2 34	622.25	.7671E-04	.5371E-04	.3428E-04	.1934E-04	.9212E-05	.3446E-05
670	1 2 0 56	622.37	.1254E-03	.8502E-04	.5222E-04	.2811E-04	.1263E-04	.4382E-05
671	4 0 0 60	622.38	.7752E-03	.3508E-03	.1327E-03	.3951E-04	.8474E-05	.1137E-05
672	5 0 0 32	622.38	.8427E-02	.4540E-02	.2117E-02	.8141E-03	.2404E-03	.4865E-04
673	7 0 2 31	622.39	.6198E-03	.3302E-03	.1519E-03	.5745E-04	.1661E-04	.3274E-05
674	1 1 0 34	622.44	.1361E-01	.1257E-01	.1119E-01	.9484E-02	.7514E-02	.5407E-02
675	4 0 0 63	622.63	.4118E-03	.1751E-03	.6147E-04	.1671E-04	.3197E-05	.3704E-06

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
676	2 0 2 5	622.71	.3809E-01	.3199E-01	.2542E-01	.1875E-01	.1249E-01	.7201E-02
677	4 1 0 34	622.74	.4923E-03	.3425E-03	.2171E-03	.1214E-03	.5723E-04	.2112E-04
678	4 1 0 35	622.77	.4473E-03	.3076E-03	.1923E-03	.1057E-03	.4879E-04	.1752E-04
679	5 1 0 10	622.91	.1490E-03	.9526E-04	.5451E-04	.2692E-04	.1086E-04	.3280E-05
680	3 2 2 35	622.95	.6988E-04	.4837E-04	.3046E-04	.1690E-04	.7887E-05	.2874E-05
681	1 4 0 27	622.96	.4531E-03	.4540E-03	.4457E-03	.4256E-03	.3914E-03	.3410E-03
682	1 2 0 55	623.06	.1502E-03	.1037E-03	.6505E-04	.3595E-04	.1669E-04	.6041E-05
683	2 1 2 7	623.56	.5623E-03	.4747E-03	.3794E-03	.2818E-03	.1893E-03	.1102E-03
684	7 0 2 34	623.59	.4725E-03	.2433E-03	.1075E-03	.3869E-04	.1052E-04	.1913E-05
685	1 0 0 58	623.60	.3191E-01	.2014E-01	.1136E-01	.5514E-02	.2177E-02	.6405E-03
686	3 2 2 36	623.65	.6337E-04	.4336E-04	.2693E-04	.1469E-04	.6712E-05	.2379E-05
687	1 3 0 51	623.66	.5312E-04	.3871E-04	.2593E-04	.1554E-04	.7981E-05	.3292E-05
688	1 4 0 26	623.75	.4799E-03	.4851E-03	.4812E-03	.4653E-03	.4347E-03	.3866E-03
689	1 2 0 54	623.76	.1791E-03	.1259E-03	.8067E-04	.4575E-04	.2194E-04	.8277E-05
690	4 0 0 58	623.83	.1171E-02	.5517E-03	.2191E-03	.6923E-04	.1599E-04	.2360E-05
691	5 0 0 30	623.90	.1001E-01	.5508E-02	.2635E-02	.1046E-02	.3211E-03	.6834E-04
692	4 0 0 61	623.93	.6366E-03	.2824E-03	.1043E-03	.3018E-04	.6241E-05	.7992E-06
693	1 1 0 32	623.95	.1647E-01	.1556E-01	.1424E-01	.1248E-01	.1031E-01	.7825E-02
694	7 0 2 33	623.96	.5205E-03	.2711E-03	.1215E-03	.4446E-04	.1234E-04	.2309E-05
695	4 1 0 33	624.19	.5445E-03	.3834E-03	.2464E-03	.1403E-03	.6756E-04	.2564E-04
696	4 1 0 32	624.25	.5938E-03	.4227E-03	.2753E-03	.1592E-03	.7826E-04	.3048E-04
697	2 0 2 7	624.27	.5094E-01	.4258E-01	.3365E-01	.2466E-01	.1630E-01	.9297E-02
698	3 2 2 37	624.35	.5723E-04	.3870E-04	.2369E-04	.1270E-04	.5677E-05	.1957E-05
699	1 2 0 53	624.45	.2129E-03	.1522E-03	.9958E-04	.5793E-04	.2867E-04	.1127E-04
700	5 1 0 8	624.47	.1248E-03	.8030E-04	.4631E-04	.2309E-04	.9422E-05	.2890E-05
701	1 3 0 50	624.51	.6274E-04	.4650E-04	.3179E-04	.1952E-04	.1034E-04	.4438E-05
702	1 4 0 25	624.53	.5057E-03	.5155E-03	.5164E-03	.5056E-03	.4796E-03	.4350E-03
703	9 0 0 59	624.56	.5198E-04	.1793E-04	.4897E-05	.9794E-06	.1277E-06	.9039E-08
704	7 0 2 36	625.02	.3856E-03	.1938E-03	.8314E-04	.2888E-04	.7508E-05	.1290E-05
705	1 0 0 56	625.06	.4744E-01	.3114E-01	.1841E-01	.9457E-02	.4011E-02	.1294E-02
706	2 1 2 9	625.13	.6803E-03	.5710E-03	.4531E-03	.3337E-03	.2218E-03	.1274E-03
707	1 2 0 52	625.14	.2520E-03	.1832E-03	.1224E-03	.7298E-04	.3726E-04	.1524E-04
708	4 0 0 59	625.24	.9684E-03	.4476E-03	.1737E-03	.5337E-04	.1190E-04	.1679E-05
709	4 0 0 56	625.30	.1740E-02	.8527E-03	.3549E-03	.1188E-03	.2947E-04	.4770E-05
710	1 4 0 24	625.31	.5301E-03	.5447E-03	.5509E-03	.5457E-03	.5253E-03	.4856E-03
711	5 0 0 28	625.42	.1165E-01	.6543E-02	.3207E-02	.1310E-02	.4174E-03	.9314E-04
712	1 1 0 30	625.46	.1956E-01	.1888E-01	.1772E-01	.1602E-01	.1376E-01	.1099E-01
713	7 0 2 35	625.52	.4288E-03	.2182E-03	.9499E-04	.3359E-04	.8932E-05	.1580E-05
714	4 1 0 31	625.62	.6501E-03	.4680E-03	.3089E-03	.1816E-03	.9109E-04	.3642E-04
715	4 1 0 30	625.76	.7024E-03	.5108E-03	.3414E-03	.2038E-03	.1041E-03	.4267E-04
716	2 0 2 9	625.83	.6162E-01	.5122E-01	.4020E-01	.2920E-01	.1910E-01	.1074E-01
717	1 2 0 51	625.84	.2972E-03	.2197E-03	.1497E-03	.9147E-04	.4815E-04	.2048E-04
718	1 4 0 23	626.09	.5527E-03	.5723E-03	.5842E-03	.5852E-03	.5713E-03	.5378E-03
719	7 0 2 38	626.44	.3089E-03	.1513E-03	.6295E-04	.2106E-04	.5223E-05	.8451E-06
720	1 0 0 54	626.52	.6938E-01	.4729E-01	.2924E-01	.1588E-01	.7216E-02	.2543E-02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
721	1 2 0 50	626.53	.3490E-03	.2623E-03	.1822E-03	.1141E-03	.6187E-04	.2735E-04
722	4 0 0 57	626.56	.1450E-02	.6972E-03	.2838E-03	.9241E-04	.2216E-04	.3434E-05
723	2 1 2 11	626.71	.7708E-03	.6423E-03	.5053E-03	.3682E-03	.2416E-03	.1364E-03
724	4 0 0 54	626.76	.2545E-02	.1295E-02	.5638E-03	.1994E-03	.5303E-04	.9383E-05
725	1 4 0 22	626.86	.5730E-03	.5977E-03	.6156E-03	.6233E-03	.6168E-03	.5907E-03
726	5 0 0 26	626.95	.1329E-01	.7604E-02	.3811E-02	.1601E-02	.5276E-03	.1231E-03
727	1 1 0 28	626.97	.2277E-01	.2242E-01	.2156E-01	.2007E-01	.1789E-01	.1498E-01
728	4 1 0 29	627.06	.7609E-03	.5591E-03	.3783E-03	.2293E-03	.1195E-03	.5017E-04
729	7 0 2 37	627.08	.3467E-03	.1721E-03	.7271E-04	.2479E-04	.6296E-05	.1050E-05
730	1 2 0 49	627.23	.4084E-03	.3118E-03	.2208E-03	.1415E-03	.7904E-04	.3629E-04
731	4 1 0 28	627.28	.8141E-03	.6040E-03	.4135E-03	.2542E-03	.1348E-03	.5790E-04
732	2 0 2 11	627.38	.6982E-01	.5761E-01	.4483E-01	.3222E-01	.2080E-01	.1150E-01
733	1 4 0 21	627.64	.5907E-03	.6204E-03	.6444E-03	.6593E-03	.6609E-03	.6435E-03
734	7 0 2 40	627.86	.2430E-03	.1158E-03	.4666E-04	.1500E-04	.3542E-05	.5378E-06
735	4 0 0 55	627.89	.2135E-02	.1067E-02	.4548E-03	.1567E-03	.4031E-04	.6838E-05
736	1 2 0 48	627.93	.4759E-03	.3691E-03	.2664E-03	.1747E-03	.1004E-03	.4784E-04
737	1 0 0 52	627.99	.9984E-01	.7056E-01	.4558E-01	.2610E-01	.1268E-01	.4867E-02
738	4 0 0 52	628.23	.3660E-02	.1931E-02	.8786E-03	.3278E-03	.9317E-04	.1796E-04
739	2 1 2 13	628.29	.8319E-03	.6873E-03	.5352E-03	.3851E-03	.2487E-03	.1376E-03
740	1 4 0 20	628.41	.6052E-03	.6400E-03	.6700E-03	.6923E-03	.7026E-03	.6951E-03
741	5 0 0 24	628.48	.1484E-01	.8639E-02	.4421E-02	.1904E-02	.6480E-03	.1574E-03
742	1 1 0 26	628.49	.2597E-01	.2606E-01	.2562E-01	.2452E-01	.2261E-01	.1978E-01
743	4 1 0 27	628.51	.8722E-03	.6534E-03	.4525E-03	.2822E-03	.1523E-03	.6696E-04
744	1 2 0 47	628.63	.5524E-03	.4351E-03	.3198E-03	.2145E-03	.1268E-03	.6266E-04
745	7 0 2 39	628.64	.2753E-03	.1331E-03	.5448E-04	.1787E-04	.4325E-05	.6782E-06
746	9 0 0 53	628.72	.1660E-03	.6425E-04	.2016E-04	.4774E-05	.7692E-06	.7147E-07
747	4 1 0 26	628.80	.9236E-03	.6982E-03	.4888E-03	.3088E-03	.1695E-03	.7610E-04
748	2 0 2 13	628.93	.7535E-01	.6165E-01	.4747E-01	.3370E-01	.2141E-01	.1161E-01
749	1 4 0 19	629.18	.6162E-03	.6557E-03	.6918E-03	.7216E-03	.7410E-03	.7442E-03
750	4 0 0 53	629.23	.3094E-02	.1604E-02	.7148E-03	.2600E-03	.7160E-04	.1325E-04
751	7 0 2 42	629.27	.1878E-03	.8703E-04	.3388E-04	.1045E-04	.2342E-05	.3326E-06
752	1 2 0 46	629.33	.6386E-03	.5106E-03	.3822E-03	.2621E-03	.1593E-03	.8154E-04
753	9 0 0 52	629.42	.1985E-03	.7824E-04	.2508E-04	.6101E-05	.1016E-05	.9850E-07
754	1 0 0 50	629.45	.1413E+00	.1034E+00	.6967E-01	.4199E-01	.2175E-01	.9067E-02
755	1 3 0 44	629.57	.1565E-03	.1274E-03	.9747E-04	.6869E-04	.4323E-04	.2316E-04
756	4 0 0 50	629.70	.5178E-02	.2830E-02	.1342E-02	.5272E-03	.1598E-03	.3347E-04
757	2 1 2 15	629.87	.8636E-03	.7064E-03	.5435E-03	.3855E-03	.2445E-03	.1322E-03
758	1 4 0 18	629.95	.6232E-03	.6673E-03	.7091E-03	.7463E-03	.7749E-03	.7895E-03
759	4 1 0 25	629.96	.9782E-03	.7462E-03	.5280E-03	.3380E-03	.1886E-03	.8651E-04
760	1 1 0 24	630.01	.2900E-01	.2960E-01	.2971E-01	.2917E-01	.2777E-01	.2531E-01
761	5 0 0 22	630.01	.1621E-01	.9584E-02	.4999E-02	.2204E-02	.7724E-03	.1948E-03
762	1 2 0 45	630.03	.7354E-03	.5967E-03	.4546E-03	.3185E-03	.1989E-03	.1054E-03
763	4 1 0 24	630.32	.1025E-02	.7881E-03	.5633E-03	.3651E-03	.2068E-03	.9675E-04
764	2 0 2 15	630.49	.7822E-01	.6336E-01	.4821E-01	.3373E-01	.2104E-01	.1115E-01
765	4 0 0 51	630.57	.4410E-02	.2370E-02	.1102E-02	.4223E-03	.1242E-03	.2500E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
766	1 4 0 17	630.72	.6259E-03	.6740E-03	.7213E-03	.7655E-03	.8033E-03	.8297E-03
767	1 2 0 44	630.73	.8434E-03	.6942E-03	.5381E-03	.3851E-03	.2469E-03	.1354E-03
768	5 1 1 12	630.92	.3854E-03	.2443E-03	.1385E-03	.6758E-04	.2686E-04	.7963E-05
769	1 0 0 48	630.93	.1968E+00	.1489E+00	.1044E+00	.6613E-01	.3642E-01	.1644E-01
770	5 1 1 14	630.99	.4041E-03	.2538E-03	.1423E-03	.6850E-04	.2677E-04	.7767E-05
771	5 1 1 16	631.06	.4095E-03	.2545E-03	.1408E-03	.6677E-04	.2559E-04	.7242E-05
772	5 1 1 18	631.15	.4027E-03	.2473E-03	.1349E-03	.6285E-04	.2357E-04	.6485E-05
773	4 0 0 48	631.18	.7204E-02	.4071E-02	.2011E-02	.8298E-03	.2676E-03	.6066E-04
774	5 1 1 20	631.25	.3856E-03	.2337E-03	.1255E-03	.5732E-04	.2098E-04	.5594E-05
775	4 1 0 23	631.43	.1072E-02	.8314E-03	.6002E-03	.3938E-03	.2265E-03	.1081E-03
776	1 2 0 43	631.43	.9633E-03	.8042E-03	.6340E-03	.4632E-03	.3048E-03	.1727E-03
777	2 1 2 17	631.45	.8674E-03	.7015E-03	.5325E-03	.3715E-03	.2308E-03	.1215E-03
778	1 4 0 16	631.49	.6240E-03	.6756E-03	.7277E-03	.7785E-03	.8251E-03	.8632E-03
779	1 1 0 22	631.53	.3165E-01	.3283E-01	.3359E-01	.3376E-01	.3309E-01	.3131E-01
780	5 0 0 20	631.55	.1727E-01	.1036E-01	.5501E-02	.2478E-02	.8919E-03	.2329E-03
781	4 1 0 22	631.85	.1110E-02	.8673E-03	.6319E-03	.4193E-03	.2446E-03	.1188E-03
782	4 0 0 49	631.92	.6181E-02	.3438E-02	.1666E-02	.6713E-03	.2102E-03	.4588E-04
783	2 0 2 17	632.03	.7856E-01	.6292E-01	.4723E-01	.3250E-01	.1986E-01	.1025E-01
784	1 2 0 42	632.13	.1096E-02	.9275E-03	.7434E-03	.5542E-03	.3739E-03	.2190E-03
785	9 0 0 48	632.24	.3896E-03	.1645E-03	.5726E-04	.1540E-04	.2910E-05	.3319E-06
786	1 4 0 15	632.25	.6171E-03	.6715E-03	.7278E-03	.7844E-03	.8392E-03	.8887E-03
787	1 0 0 46	632.40	.2694E+00	.2106E+00	.1535E+00	.1019E+00	.5954E-01	.2899E-01
788	4 0 0 46	632.66	.9855E-02	.5752E-02	.2954E-02	.1278E-02	.4372E-03	.1070E-03
789	1 2 0 41	632.84	.1241E-02	.1065E-02	.8674E-03	.6595E-03	.4562E-03	.2757E-03
790	4 1 0 21	632.90	.1146E-02	.9026E-03	.6636E-03	.4452E-03	.2634E-03	.1303E-03
791	9 0 0 47	632.95	.4562E-03	.1958E-03	.6951E-04	.1915E-04	.3729E-05	.4419E-06
792	1 4 0 14	633.01	.6050E-03	.6616E-03	.7211E-03	.7827E-03	.8448E-03	.9048E-03
793	2 1 2 19	633.03	.8464E-03	.6759E-03	.5054E-03	.3461E-03	.2101E-03	.1074E-03
794	1 1 0 20	633.06	.3373E-01	.3550E-01	.3697E-01	.3795E-01	.3820E-01	.3742E-01
795	5 0 0 18	633.09	.1793E-01	.1090E-01	.5881E-02	.2701E-02	.9960E-03	.2683E-03
796	4 0 0 47	633.29	.8521E-02	.4897E-02	.2469E-02	.1044E-02	.3473E-03	.8194E-04
797	4 1 0 20	633.38	.1171E-02	.9289E-03	.6887E-03	.4669E-03	.2798E-03	.1407E-03
798	1 2 0 40	633.54	.1401E-02	.1217E-02	.1007E-02	.7807E-03	.5532E-03	.3449E-03
799	2 0 2 19	633.58	.7665E-01	.6062E-01	.4482E-01	.3028E-01	.1808E-01	.9053E-02
800	9 0 0 46	633.67	.5320E-03	.2320E-03	.8395E-04	.2368E-04	.4748E-05	.5844E-06
801	1 4 0 13	633.77	.5876E-03	.6454E-03	.7072E-03	.7727E-03	.8409E-03	.9102E-03
802	1 0 0 44	633.88	.3627E+00	.2923E+00	.2211E+00	.1536E+00	.9499E-01	.4975E-01
803	4 0 0 44	634.15	.1325E-01	.7978E-02	.4252E-02	.1925E-02	.6970E-03	.1835E-03
804	1 2 0 39	634.25	.1574E-02	.1385E-02	.1164E-02	.9193E-03	.6668E-03	.4285E-03
805	9 0 0 45	634.38	.6176E-03	.2736E-03	.1009E-03	.2912E-04	.6009E-05	.7673E-06
806	4 1 0 19	634.38	.1193E-02	.9523E-03	.7120E-03	.4875E-03	.2959E-03	.1512E-03
807	1 4 0 12	634.53	.5647E-03	.6228E-03	.6859E-03	.7540E-03	.8268E-03	.9037E-03
808	1 1 0 18	634.59	.3502E-01	.3735E-01	.3951E-01	.4135E-01	.4266E-01	.4311E-01
809	2 1 2 21	634.62	.8046E-03	.6336E-03	.4658E-03	.3125E-03	.1849E-03	.9142E-04
810	5 0 0 16	634.63	.1809E-01	.1113E-01	.6089E-02	.2846E-02	.1072E-02	.2971E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
811	4 0 0 45	634.66	.1155E-01	.6850E-02	.3586E-02	.1589E-02	.5600E-03	.1423E-03
812	4 1 0 18	634.92	.1201E-02	.9655E-03	.7274E-03	.5028E-03	.3087E-03	.1602E-03
813	1 2 0 38	634.95	.1760E-02	.1569E-02	.1339E-02	.1077E-02	.7991E-03	.5288E-03
814	2 0 2 21	635.13	.7286E-01	.5682E-01	.4131E-01	.2734E-01	.1591E-01	.7709E-02
815	1 0 0 42	635.37	.4800E+00	.3985E+00	.3123E+00	.2265E+00	.1479E+00	.8304E-01
816	4 0 0 42	635.63	.1751E-01	.1086E-01	.5997E-02	.2835E-02	.1084E-02	.3060E-03
817	1 2 0 37	635.66	.1961E-02	.1770E-02	.1532E-02	.1254E-02	.9518E-03	.6482E-03
818	4 1 0 17	635.88	.1204E-02	.9736E-03	.7390E-03	.5154E-03	.3201E-03	.1685E-03
819	4 0 0 43	636.04	.1538E-01	.9405E-02	.5106E-02	.2365E-02	.8809E-03	.2405E-03
820	1 1 0 16	636.13	.3533E-01	.3812E-01	.4090E-01	.4356E-01	.4593E-01	.4773E-01
821	5 0 0 14	636.17	.1766E-01	.1098E-01	.6082E-02	.2887E-02	.1109E-02	.3150E-03
822	1 2 0 36	636.37	.2175E-02	.1986E-02	.1744E-02	.1453E-02	.1127E-02	.7892E-03
823	4 1 0 16	636.46	.1193E-02	.9704E-03	.7416E-03	.5216E-03	.3274E-03	.1747E-03
824	2 0 2 23	636.67	.6761E-01	.5192E-01	.3706E-01	.2398E-01	.1357E-01	.6340E-02
825	1 0 0 40	636.85	.6244E+00	.5332E+00	.4322E+00	.3267E+00	.2246E+00	.1348E+00
826	1 2 0 35	637.08	.2402E-02	.2219E-02	.1975E-02	.1674E-02	.1326E-02	.9543E-03
827	4 0 0 40	637.13	.2274E-01	.1451E-01	.8286E-02	.4084E-02	.1644E-02	.4961E-03
828	9 0 0 41	637.25	.1074E-02	.5048E-03	.1999E-03	.6294E-04	.1448E-04	.2126E-05
829	4 1 0 15	637.38	.1174E-02	.9601E-03	.7386E-03	.5237E-03	.3320E-03	.1795E-03
830	4 0 0 41	637.43	.2014E-01	.1267E-01	.7123E-02	.3442E-02	.1352E-02	.3951E-03
831	1 1 0 14	637.66	.3448E-01	.3760E-01	.4085E-01	.4419E-01	.4749E-01	.5060E-01
832	5 0 0 12	637.72	.1658E-01	.1040E-01	.5825E-02	.2803E-02	.1095E-02	.3178E-03
833	1 2 0 34	637.79	.2642E-02	.2468E-02	.2226E-02	.1918E-02	.1551E-02	.1146E-02
834	9 0 0 40	637.97	.1220E-02	.5813E-03	.2341E-03	.7523E-04	.1775E-04	.2694E-05
835	4 1 0 14	638.00	.1141E-02	.9379E-03	.7258E-03	.5185E-03	.3318E-03	.1815E-03
836	2 0 2 25	638.21	.6134E-01	.4632E-01	.3240E-01	.2046E-01	.1123E-01	.5044E-02
837	1 0 0 38	638.35	.7981E+00	.7000E+00	.5860E+00	.4607E+00	.3327E+00	.2127E+00
838	1 2 0 33	638.50	.2892E-02	.2731E-02	.2496E-02	.2185E-02	.1802E-02	.1367E-02
839	4 0 0 38	638.63	.2901E-01	.1901E-01	.1121E-01	.5749E-02	.2432E-02	.7817E-03
840	9 0 0 39	638.70	.1379E-02	.6662E-03	.2726E-03	.8940E-04	.2163E-04	.3390E-05
841	4 0 0 39	638.82	.2591E-01	.1676E-01	.9734E-02	.4897E-02	.2023E-02	.6308E-03
842	4 1 0 13	638.88	.1098E-02	.9070E-03	.7060E-03	.5078E-03	.3278E-03	.1814E-03
843	1 1 0 12	639.21	.3236E-01	.3562E-01	.3913E-01	.4289E-01	.4688E-01	.5104E-01
844	1 2 0 32	639.21	.3152E-02	.3008E-02	.2784E-02	.2475E-02	.2082E-02	.1618E-02
845	5 0 0 10	639.27	.1483E-01	.9374E-02	.5299E-02	.2579E-02	.1022E-02	.3021E-03
846	9 0 0 38	639.42	.1552E-02	.7597E-03	.3159E-03	.1056E-03	.2619E-04	.4235E-05
847	4 1 0 12	639.54	.1042E-02	.8641E-03	.6761E-03	.4895E-03	.3185E-03	.1780E-03
848	2 0 2 27	639.75	.5447E-01	.4040E-01	.2765E-01	.1700E-01	.9026E-02	.3886E-02
849	1 0 0 36	639.84	.1002E+01	.9015E+00	.7781E+00	.6351E+00	.4804E+00	.3261E+00
850	1 2 0 31	639.92	.3419E-02	.3296E-02	.3089E-02	.2788E-02	.2389E-02	.1903E-02
851	4 0 0 36	640.13	.3634E-01	.2442E-01	.1486E-01	.7907E-02	.3505E-02	.1197E-02
852	4 0 0 37	640.23	.3273E-01	.2173E-01	.1303E-01	.6809E-02	.2951E-02	.9789E-03
853	1 2 0 30	640.63	.3692E-02	.3595E-02	.3409E-02	.3122E-02	.2725E-02	.2222E-02
854	1 1 0 10	640.75	.2894E-01	.3210E-01	.3559E-01	.3946E-01	.4375E-01	.4852E-01
855	5 0 0 8	640.82	.1242E-01	.7901E-02	.4501E-02	.2211E-02	.8867E-03	.2661E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
856	9 0 0 36	640.88	.1938E-02	.9732E-03	.4173E-03	.1448E-03	.3763E-04	.6465E-05
857	2 0 2 29	641.29	.4739E-01	.3447E-01	.2305E-01	.1377E-01	.7056E-02	.2902E-02
858	1 0 0 34	641.34	.1235E+01	.1138E+01	.1011E+01	.8552E+00	.6763E+00	.4859E+00
859	1 2 0 29	641.35	.3968E-02	.3901E-02	.3742E-02	.3476E-02	.3087E-02	.2575E-02
860	9 0 0 35	641.61	.2150E-02	.1093E-02	.4757E-03	.1681E-03	.4467E-04	.7899E-05
861	4 0 0 34	641.63	.4468E-01	.3076E-01	.1926E-01	.1062E-01	.4922E-02	.1779E-02
862	4 0 0 35	641.64	.4059E-01	.2763E-01	.1706E-01	.9249E-02	.4195E-02	.1475E-02
863	1 2 0 28	642.06	.4244E-02	.4211E-02	.4085E-02	.3846E-02	.3475E-02	.2963E-02
864	1 1 0 8	642.30	.2424E-01	.2705E-01	.3023E-01	.3383E-01	.3796E-01	.4273E-01
865	9 0 0 34	642.34	.2374E-02	.1222E-02	.5392E-03	.1939E-03	.5267E-04	.9579E-05
866	5 0 0 6	642.38	.9407E-02	.6017E-02	.3448E-02	.1707E-02	.6908E-03	.2098E-03
867	1 2 0 27	642.78	.4517E-02	.4523E-02	.4435E-02	.4231E-02	.3886E-02	.3383E-02
868	2 0 2 31	642.82	.4043E-01	.2880E-01	.1878E-01	.1089E-01	.5368E-02	.2102E-02
869	1 0 0 32	642.84	.1495E+01	.1409E+01	.1287E+01	.1125E+01	.9274E+00	.7031E+00
870	4 0 0 33	643.06	.4941E-01	.3443E-01	.2187E-01	.1227E-01	.5809E-02	.2159E-02
871	9 0 0 33	643.07	.2609E-02	.1358E-02	.6078E-03	.2223E-03	.6168E-04	.1153E-04
872	4 0 0 32	643.14	.5389E-01	.3796E-01	.2443E-01	.1393E-01	.6730E-02	.2567E-02
873	1 2 0 26	643.49	.4784E-02	.4831E-02	.4787E-02	.4625E-02	.4316E-02	.3835E-02
874	9 0 0 32	643.81	.2853E-02	.1501E-02	.6811E-03	.2533E-03	.7174E-04	.1377E-04
875	1 1 0 6	643.85	.1836E-01	.2060E-01	.2316E-01	.2611E-01	.2957E-01	.3369E-01
876	5 0 0 4	643.93	.5898E-02	.3786E-02	.2180E-02	.1085E-02	.4420E-03	.1355E-03
877	1 2 0 25	644.21	.5041E-02	.5133E-02	.5137E-02	.5024E-02	.4760E-02	.4314E-02
878	1 0 0 30	644.35	.1775E+01	.1709E+01	.1601E+01	.1444E+01	.1238E+01	.9874E+00
879	2 0 2 33	644.35	.3383E-01	.2357E-01	.1497E-01	.8398E-02	.3977E-02	.1478E-02
880	4 0 0 31	644.50	.5899E-01	.4202E-01	.2740E-01	.1588E-01	.7831E-02	.3066E-02
881	9 0 0 31	644.55	.3103E-02	.1651E-02	.7590E-03	.2868E-03	.8286E-04	.1632E-04
882	4 0 0 30	644.65	.6374E-01	.4587E-01	.3029E-01	.1782E-01	.8955E-02	.3593E-02
883	1 2 0 24	644.93	.5283E-02	.5423E-02	.5479E-02	.5422E-02	.5214E-02	.4815E-02
884	9 0 0 30	645.28	.3358E-02	.1806E-02	.8407E-03	.3226E-03	.9504E-04	.1919E-04
885	1 1 0 4	645.40	.1151E-01	.1296E-01	.1464E-01	.1659E-01	.1892E-01	.2175E-01
886	1 2 0 23	645.65	.5507E-02	.5697E-02	.5809E-02	.5813E-02	.5670E-02	.5332E-02
887	1 0 0 28	645.86	.2066E+01	.2030E+01	.1948E+01	.1809E+01	.1609E+01	.1345E+01
888	2 0 2 35	645.88	.2779E-01	.1891E-01	.1167E-01	.6327E-02	.2870E-02	.1009E-02
889	4 0 0 29	645.93	.6904E-01	.5020E-01	.3356E-01	.2005E-01	.1027E-01	.4223E-02
890	9 0 0 29	646.02	.3615E-02	.1964E-02	.9255E-03	.3606E-03	.1082E-03	.2238E-04
891	4 0 0 28	646.16	.7386E-01	.5423E-01	.3668E-01	.2223E-01	.1159E-01	.4875E-02
892	1 2 0 22	646.36	.5709E-02	.5949E-02	.6120E-02	.6191E-02	.6120E-02	.5856E-02
893	9 0 0 28	646.77	.3871E-02	.2124E-02	.1013E-02	.4003E-03	.1224E-03	.2590E-04
894	1 1 0 2	646.96	.3950E-02	.4458E-02	.5048E-02	.5743E-02	.6576E-02	.7601E-02
895	5 0 1 2	647.06	.1015E-01	.6529E-02	.3769E-02	.1882E-02	.7701E-03	.2373E-03
896	5 0 1 4	647.08	.1779E-01	.1142E-01	.6574E-02	.3271E-02	.1333E-02	.4084E-03
897	1 2 0 21	647.08	.5884E-02	.6174E-02	.6406E-02	.6547E-02	.6557E-02	.6379E-02
898	5 0 1 6	647.10	.2466E-01	.1577E-01	.9038E-02	.4472E-02	.1810E-02	.5497E-03
899	5 0 1 8	647.14	.3049E-01	.1940E-01	.1105E-01	.5426E-02	.2176E-02	.6529E-03
900	5 0 1 10	647.19	.3508E-01	.2218E-01	.1253E-01	.6097E-02	.2416E-02	.7140E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
901	5 0 1 12	647.24	.3832E-01	.2404E-01	.1346E-01	.6471E-02	.2527E-02	.7333E-03
902	5 0 1 14	647.31	.4019E-01	.2497E-01	.1383E-01	.6560E-02	.2519E-02	.7154E-03
903	1 0 0 26	647.37	.2356E+01	.2359E+01	.2314E+01	.2210E+01	.2034E+01	.1777E+01
904	5 0 1 16	647.38	.4072E-01	.2504E-01	.1369E-01	.6396E-02	.2409E-02	.6672E-03
905	4 0 0 27	647.38	.7913E-01	.5866E-01	.4014E-01	.2467E-01	.1310E-01	.5636E-02
906	2 0 2 37	647.40	.2241E-01	.1488E-01	.8914E-02	.4658E-02	.2019E-02	.6694E-03
907	5 0 1 18	647.47	.4006E-01	.2434E-01	.1312E-01	.6022E-02	.2219E-02	.5976E-03
908	9 0 0 27	647.51	.4122E-02	.2283E-02	.1101E-02	.4414E-03	.1373E-03	.2973E-04
909	5 0 1 20	647.56	.3836E-01	.2300E-01	.1220E-01	.5493E-02	.1976E-02	.5157E-03
910	5 0 1 22	647.66	.3585E-01	.2118E-01	.1104E-01	.4865E-02	.1704E-02	.4295E-03
911	4 0 0 26	647.68	.8379E-01	.6268E-01	.4336E-01	.2700E-01	.1457E-01	.6406E-02
912	5 0 1 24	647.78	.3274E-01	.1904E-01	.9736E-02	.4191E-02	.1425E-02	.3460E-03
913	1 2 0 20	647.81	.6027E-02	.6367E-02	.6660E-02	.6874E-02	.6970E-02	.6889E-02
914	5 0 2 0	647.84	.4110E-02	.2647E-02	.1530E-02	.7650E-03	.3137E-03	.9689E-04
915	5 0 1 26	647.90	.2927E-01	.1673E-01	.8376E-02	.3515E-02	.1158E-02	.2698E-03
916	5 0 1 28	648.04	.2563E-01	.1437E-01	.7038E-02	.2873E-02	.9145E-03	.2040E-03
917	5 0 1 30	648.18	.2200E-01	.1209E-01	.5780E-02	.2291E-02	.7029E-03	.1495E-03
918	9 0 0 26	648.25	.4364E-02	.2439E-02	.1190E-02	.4833E-03	.1529E-03	.3383E-04
919	5 0 1 32	648.34	.1852E-01	.9966E-02	.4643E-02	.1783E-02	.5260E-03	.1064E-03
920	5 0 1 34	648.50	.1531E-01	.8050E-02	.3649E-02	.1356E-02	.3835E-03	.7349E-04
921	1 1 1 2	648.53	.1981E-01	.2235E-01	.2531E-01	.2879E-01	.3296E-01	.3810E-01
922	1 2 0 19	648.53	.6136E-02	.6524E-02	.6876E-02	.7164E-02	.7349E-02	.7375E-02
923	1 1 1 4	648.54	.3473E-01	.3910E-01	.4414E-01	.5004E-01	.5704E-01	.6557E-01
924	1 1 1 6	648.56	.4814E-01	.5399E-01	.6069E-01	.6842E-01	.7746E-01	.8826E-01
925	1 1 1 8	648.59	.5952E-01	.6642E-01	.7420E-01	.8303E-01	.9312E-01	.1048E+00
926	1 1 1 10	648.63	.6848E-01	.7592E-01	.8417E-01	.9329E-01	.1034E+00	.1146E+00
927	5 0 1 36	648.68	.1242E-01	.6376E-02	.2807E-02	.1007E-02	.2724E-03	.4932E-04
928	1 1 1 12	648.68	.7481E-01	.8229E-01	.9037E-01	.9902E-01	.1082E+00	.1178E+00
929	1 1 1 14	648.73	.7844E-01	.8550E-01	.9287E-01	.1004E+00	.1079E+00	.1149E+00
930	1 1 1 16	648.79	.7949E-01	.8574E-01	.9195E-01	.9788E-01	.1031E+00	.1072E+00
931	4 0 0 25	648.84	.8873E-01	.6698E-01	.4683E-01	.2956E-01	.1621E-01	.7281E-02
932	5 0 1 38	648.86	.9898E-02	.4954E-02	.2115E-02	.7307E-03	.1887E-03	.3217E-04
933	1 1 1 18	648.86	.7820E-01	.8334E-01	.8811E-01	.9217E-01	.9503E-01	.9599E-01
934	1 0 0 24	648.89	.2631E+01	.2679E+01	.2684E+01	.2628E+01	.2497E+01	.2273E+01
935	2 0 2 39	648.92	.1776E-01	.1148E-01	.6666E-02	.3352E-02	.1384E-02	.4315E-03
936	4 1 1 12	648.94	.2852E-02	.2365E-02	.1849E-02	.1338E-02	.8707E-03	.4866E-03
937	1 1 1 20	648.94	.7490E-01	.7877E-01	.8196E-01	.8408E-01	.8461E-01	.8284E-01
938	4 1 1 14	648.96	.3000E-02	.2464E-02	.1906E-02	.1361E-02	.8706E-03	.4760E-03
939	4 1 1 16	648.99	.3046E-02	.2476E-02	.1891E-02	.1329E-02	.8339E-03	.4447E-03
940	9 0 0 25	649.00	.4593E-02	.2590E-02	.1277E-02	.5255E-03	.1689E-03	.3817E-04
941	4 1 1 11	649.01	.2740E-02	.2281E-02	.1793E-02	.1305E-02	.8556E-03	.4828E-03
942	4 1 1 18	649.01	.2999E-02	.2409E-02	.1814E-02	.1253E-02	.7690E-03	.3988E-03
943	1 1 1 22	649.03	.7000E-01	.7255E-01	.7417E-01	.7448E-01	.7296E-01	.6901E-01
944	4 1 1 20	649.04	.2874E-02	.2278E-02	.1688E-02	.1144E-02	.6850E-03	.3442E-03
945	5 0 1 40	649.06	.7751E-02	.3776E-02	.1561E-02	.5185E-03	.1275E-03	.2040E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
946	4 1 1 13	649.06	.2942E-02	.2428E-02	.1889E-02	.1358E-02	.8765E-03	.4848E-03
947	4 1 1 22	649.08	.2687E-02	.2099E-02	.1528E-02	.1013E-02	.5907E-03	.2868E-03
948	4 1 1 15	649.12	.3038E-02	.2483E-02	.1909E-02	.1353E-02	.8574E-03	.4633E-03
949	1 1 1 24	649.13	.6394E-01	.6521E-01	.6541E-01	.6416E-01	.6103E-01	.5559E-01
950	4 1 1 17	649.19	.3037E-02	.2454E-02	.1862E-02	.1298E-02	.8057E-03	.4240E-03
951	4 0 0 24	649.20	.9294E-01	.7074E-01	.4996E-01	.3192E-01	.1778E-01	.8144E-02
952	1 1 1 26	649.23	.5715E-01	.5729E-01	.5628E-01	.5381E-01	.4959E-01	.4336E-01
953	1 2 0 18	649.25	.6205E-02	.6637E-02	.7047E-02	.7408E-02	.7685E-02	.7823E-02
954	4 1 1 19	649.26	.2950E-02	.2354E-02	.1759E-02	.1204E-02	.7303E-03	.3730E-03
955	5 0 1 42	649.27	.5965E-02	.2825E-02	.1129E-02	.3598E-03	.8400E-04	.1258E-04
956	1 1 2 0	649.30	.8023E-02	.9062E-02	.1027E-01	.1170E-01	.1342E-01	.1555E-01
957	1 1 1 28	649.34	.5004E-01	.4924E-01	.4729E-01	.4400E-01	.3918E-01	.3278E-01
958	4 1 1 21	649.35	.2793E-02	.2198E-02	.1615E-02	.1083E-02	.6402E-03	.3164E-03
959	5 0 2 2	649.40	.8151E-02	.5244E-02	.3027E-02	.1511E-02	.6184E-03	.1906E-03
960	1 1 1 30	649.46	.4296E-01	.4142E-01	.3884E-01	.3509E-01	.3012E-01	.2403E-01
961	5 0 1 44	649.49	.4513E-02	.2075E-02	.8006E-03	.2442E-03	.5401E-04	.7541E-05
962	1 1 1 32	649.59	.3617E-01	.3414E-01	.3120E-01	.2731E-01	.2254E-01	.1710E-01
963	5 0 1 46	649.72	.3357E-02	.1497E-02	.5564E-03	.1622E-03	.3389E-04	.4399E-05
964	1 1 1 34	649.72	.2989E-01	.2758E-01	.2453E-01	.2076E-01	.1643E-01	.1182E-01
965	9 0 0 24	649.75	.4804E-02	.2733E-02	.1361E-02	.5671E-03	.1852E-03	.4270E-04
966	1 1 1 36	649.86	.2426E-01	.2185E-01	.1887E-01	.1542E-01	.1168E-01	.7932E-02
967	1 2 0 17	649.97	.6231E-02	.6704E-02	.7167E-02	.7598E-02	.7965E-02	.8220E-02
968	1 1 1 38	650.02	.1933E-01	.1697E-01	.1422E-01	.1119E-01	.8089E-02	.5174E-02
969	1 1 1 40	650.18	.1514E-01	.1294E-01	.1050E-01	.7944E-02	.5465E-02	.3281E-02
970	4 0 0 23	650.30	.9724E-01	.7463E-01	.5323E-01	.3442E-01	.1947E-01	.9094E-02
971	1 1 1 42	650.34	.1165E-01	.9682E-02	.7593E-02	.5513E-02	.3601E-02	.2023E-02
972	1 0 0 22	650.41	.2871E+01	.2971E+01	.3034E+01	.3042E+01	.2976E+01	.2812E+01
973	2 0 2 41	650.44	.1382E-01	.8693E-02	.4883E-02	.2358E-02	.9258E-03	.2704E-03
974	9 0 0 23	650.50	.4994E-02	.2864E-02	.1440E-02	.6074E-03	.2014E-03	.4732E-04
975	1 1 1 44	650.52	.8817E-02	.7112E-02	.5383E-02	.3743E-02	.2316E-02	.1213E-02
976	1 2 0 16	650.70	.6211E-02	.6718E-02	.7229E-02	.7726E-02	.8181E-02	.8552E-02
977	1 1 1 46	650.70	.6559E-02	.5130E-02	.3741E-02	.2486E-02	.1453E-02	.7079E-03
978	4 0 0 22	650.73	.1007E+00	.7785E-01	.5604E-01	.3665E-01	.2103E-01	.1000E-01
979	1 1 2 2	650.87	.1591E-01	.1795E-01	.2033E-01	.2312E-01	.2647E-01	.3059E-01
980	1 1 1 48	650.90	.4798E-02	.3633E-02	.2549E-02	.1615E-02	.8901E-03	.4018E-03
981	5 0 2 4	650.97	.1194E-01	.7665E-02	.4411E-02	.2194E-02	.8941E-03	.2740E-03
982	1 1 1 50	651.09	.3452E-02	.2528E-02	.1703E-02	.1027E-02	.5323E-03	.2220E-03
983	9 0 0 22	651.25	.5157E-02	.2980E-02	.1513E-02	.6455E-03	.2171E-03	.5197E-04
984	1 2 0 15	651.42	.6142E-02	.6677E-02	.7229E-02	.7784E-02	.8320E-02	.8803E-02
985	4 0 0 21	651.78	.1039E+00	.8100E-01	.5885E-01	.3892E-01	.2264E-01	.1096E-01
986	1 0 0 20	651.94	.3060E+01	.3213E+01	.3338E+01	.3419E+01	.3436E+01	.3360E+01
987	2 0 2 43	651.95	.1057E-01	.6460E-02	.3505E-02	.1622E-02	.6040E-03	.1648E-03
988	9 0 0 21	652.00	.5288E-02	.3079E-02	.1577E-02	.6803E-03	.2320E-03	.5652E-04
989	1 2 0 14	652.15	.6021E-02	.6577E-02	.7162E-02	.7766E-02	.8374E-02	.8962E-02
990	4 0 0 20	652.26	.1062E+00	.8336E-01	.6108E-01	.4081E-01	.2405E-01	.1184E-01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
991	1 1 2 4	652.43	.2331E-01	.2624E-01	.2962E-01	.3357E-01	.3827E-01	.4398E-01
992	5 0 2 6	652.54	.1532E-01	.9797E-02	.5613E-02	.2777E-02	.1124E-02	.3412E-03
993	9 0 0 20	652.76	.5382E-02	.3157E-02	.1631E-02	.7108E-03	.2456E-03	.6086E-04
994	1 2 0 13	652.88	.5847E-02	.6416E-02	.7024E-02	.7666E-02	.8335E-02	.9014E-02
995	4 0 0 19	653.26	.1082E+00	.8546E-01	.6313E-01	.4261E-01	.2543E-01	.1273E-01
996	2 0 2 45	653.46	.7953E-02	.4714E-02	.2466E-02	.1092E-02	.3845E-03	.9768E-04
997	1 0 0 18	653.46	.3176E+01	.3379E+01	.3568E+01	.3725E+01	.3835E+01	.3870E+01
998	9 0 0 19	653.51	.5436E-02	.3210E-02	.1672E-02	.7361E-03	.2575E-03	.6485E-04
999	1 2 0 12	653.60	.5619E-02	.6191E-02	.6811E-02	.7480E-02	.8195E-02	.8950E-02
1000	4 0 0 18	653.79	.1090E+00	.8664E-01	.6450E-01	.4394E-01	.2653E-01	.1348E-01
1001	1 1 2 6	654.00	.2991E-01	.3354E-01	.3769E-01	.4248E-01	.4809E-01	.5478E-01
1002	5 0 2 8	654.11	.1816E-01	.1155E-01	.6576E-02	.3229E-02	.1294E-02	.3883E-03
1003	9 0 0 18	654.27	.5445E-02	.3236E-02	.1698E-02	.7549E-03	.2672E-03	.6834E-04
1004	1 2 0 11	654.33	.5336E-02	.5902E-02	.6523E-02	.7204E-02	.7948E-02	.8759E-02
1005	4 0 0 17	654.75	.1092E+00	.8736E-01	.6552E-01	.4505E-01	.2751E-01	.1418E-01
1006	2 0 2 47	654.97	.5881E-02	.3377E-02	.1701E-02	.7187E-03	.2389E-03	.5632E-04
1007	1 0 0 16	655.00	.3203E+01	.3449E+01	.3693E+01	.3924E+01	.4129E+01	.4285E+01
1008	9 0 0 17	655.03	.5404E-02	.3232E-02	.1709E-02	.7663E-03	.2743E-03	.7118E-04
1009	1 2 0 10	655.06	.4999E-02	.5548E-02	.6158E-02	.6836E-02	.7591E-02	.8436E-02
1010	4 0 0 16	655.33	.1082E+00	.8707E-01	.6575E-01	.4559E-01	.2813E-01	.1470E-01
1011	1 1 2 8	655.58	.3544E-01	.3954E-01	.4416E-01	.4940E-01	.5539E-01	.6234E-01
1012	5 0 2 10	655.68	.2035E-01	.1286E-01	.7264E-02	.3533E-02	.1399E-02	.4135E-03
1013	1 2 0 9	655.79	.4609E-02	.5132E-02	.5718E-02	.6377E-02	.7123E-02	.7976E-02
1014	9 0 0 16	655.79	.5312E-02	.3195E-02	.1701E-02	.7693E-03	.2784E-03	.7321E-04
1015	4 0 0 15	656.25	.1065E+00	.8614E-01	.6548E-01	.4576E-01	.2853E-01	.1510E-01
1016	2 0 2 49	656.47	.4276E-02	.2376E-02	.1150E-02	.4630E-03	.1448E-03	.3160E-04
1017	1 2 0 8	656.52	.4168E-02	.4655E-02	.5204E-02	.5828E-02	.6544E-02	.7378E-02
1018	1 0 0 14	656.53	.3126E+01	.3401E+01	.3688E+01	.3980E+01	.4269E+01	.4541E+01
1019	9 0 0 15	656.55	.5164E-02	.3123E-02	.1673E-02	.7630E-03	.2788E-03	.7429E-04
1020	4 0 0 14	656.87	.1035E+00	.8415E-01	.6435E-01	.4531E-01	.2850E-01	.1527E-01
1021	1 1 2 10	657.16	.3972E-01	.4402E-01	.4878E-01	.5405E-01	.5990E-01	.6639E-01
1022	1 2 0 7	657.25	.3680E-02	.4120E-02	.4620E-02	.5194E-02	.5859E-02	.6645E-02
1023	5 0 2 12	657.26	.2184E-01	.1369E-01	.7663E-02	.3684E-02	.1438E-02	.4172E-03
1024	9 0 0 14	657.31	.4960E-02	.3014E-02	.1625E-02	.7466E-03	.2754E-03	.7427E-04
1025	4 0 0 13	657.75	.9958E-01	.8137E-01	.6258E-01	.4438E-01	.2816E-01	.1526E-01
1026	1 2 0 6	657.98	.3147E-02	.3531E-02	.3971E-02	.4478E-02	.5073E-02	.5784E-02
1027	1 0 0 12	658.07	.2934E+01	.3222E+01	.3532E+01	.3863E+01	.4214E+01	.4580E+01
1028	9 0 0 13	658.08	.4698E-02	.2869E-02	.1556E-02	.7196E-03	.2678E-03	.7302E-04
1029	4 0 0 12	658.41	.9445E-01	.7751E-01	.5993E-01	.4277E-01	.2736E-01	.1498E-01
1030	1 1 2 12	658.74	.4264E-01	.4688E-01	.5146E-01	.5637E-01	.6157E-01	.6699E-01
1031	5 0 2 14	658.83	.2262E-01	.1405E-01	.7777E-02	.3688E-02	.1416E-02	.4019E-03
1032	9 0 0 12	658.84	.4378E-02	.2685E-02	.1464E-02	.6816E-03	.2557E-03	.7046E-04
1033	4 0 0 11	659.27	.8835E-01	.7281E-01	.5657E-01	.4061E-01	.2618E-01	.1447E-01
1034	9 0 0 11	659.61	.4002E-02	.2465E-02	.1350E-02	.6325E-03	.2391E-03	.6651E-04
1035	1 0 0 10	659.61	.2623E+01	.2903E+01	.3212E+01	.3554E+01	.3932E+01	.4354E+01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1036	4 0 0 10	659.96	.8109E-01	.6707E-01	.5234E-01	.3778E-01	.2452E-01	.1367E-01
1037	1 1 2 14	660.32	.4416E-01	.4811E-01	.5223E-01	.5644E-01	.6062E-01	.6454E-01
1038	9 0 0 10	660.38	.3573E-02	.2209E-02	.1216E-02	.5725E-03	.2179E-03	.6116E-04
1039	5 0 2 16	660.41	.2272E-01	.1397E-01	.7631E-02	.3563E-02	.1342E-02	.3714E-03
1040	4 0 0 9	660.79	.7288E-01	.6049E-01	.4740E-01	.3439E-01	.2246E-01	.1262E-01
1041	9 0 0 9	661.15	.3096E-02	.1920E-02	.1061E-02	.5022E-03	.1923E-03	.5442E-04
1042	1 0 0 8	661.16	.2197E+01	.2446E+01	.2728E+01	.3046E+01	.3411E+01	.3834E+01
1043	4 0 0 8	661.51	.6367E-01	.5300E-01	.4168E-01	.3037E-01	.1995E-01	.1129E-01
1044	1 1 2 16	661.90	.4436E-01	.4782E-01	.5126E-01	.5454E-01	.5745E-01	.5966E-01
1045	9 0 0 8	661.92	.2577E-02	.1603E-02	.8890E-03	.4227E-03	.1628E-03	.4639E-04
1046	5 0 2 18	662.00	.2221E-01	.1349E-01	.7264E-02	.3333E-02	.1228E-02	.3305E-03
1047	4 0 0 7	662.32	.5364E-01	.4477E-01	.3533E-01	.2585E-01	.1706E-01	.9721E-02
1048	1 2 1 2	662.40	.3379E-02	.3813E-02	.4317E-02	.4909E-02	.5619E-02	.6494E-02
1049	1 2 1 3	662.40	.4681E-02	.5277E-02	.5967E-02	.6777E-02	.7743E-02	.8928E-02
1050	1 2 1 4	662.41	.5935E-02	.6681E-02	.7543E-02	.8551E-02	.9747E-02	.1120E-01
1051	1 2 1 5	662.42	.7127E-02	.8010E-02	.9027E-02	.1021E-01	.1160E-01	.1329E-01
1052	1 2 1 6	662.43	.8246E-02	.9250E-02	.1040E-01	.1173E-01	.1328E-01	.1514E-01
1053	1 2 1 7	662.44	.9282E-02	.1039E-01	.1165E-01	.1309E-01	.1477E-01	.1675E-01
1054	1 2 1 8	662.46	.1023E-01	.1142E-01	.1276E-01	.1429E-01	.1604E-01	.1808E-01
1055	1 2 1 9	662.47	.1107E-01	.1233E-01	.1373E-01	.1531E-01	.1710E-01	.1914E-01
1056	1 2 1 10	662.49	.1181E-01	.1311E-01	.1455E-01	.1614E-01	.1792E-01	.1991E-01
1057	1 2 1 11	662.51	.1245E-01	.1376E-01	.1521E-01	.1679E-01	.1852E-01	.2040E-01
1058	1 2 1 12	662.53	.1297E-01	.1428E-01	.1571E-01	.1725E-01	.1889E-01	.2063E-01
1059	1 2 1 13	662.56	.1338E-01	.1467E-01	.1606E-01	.1752E-01	.1904E-01	.2059E-01
1060	1 2 1 14	662.58	.1368E-01	.1493E-01	.1626E-01	.1762E-01	.1899E-01	.2032E-01
1061	1 2 1 15	662.61	.1387E-01	.1507E-01	.1631E-01	.1755E-01	.1875E-01	.1984E-01
1062	1 2 1 16	662.64	.1395E-01	.1508E-01	.1622E-01	.1733E-01	.1834E-01	.1917E-01
1063	1 2 1 17	662.67	.1393E-01	.1498E-01	.1601E-01	.1697E-01	.1778E-01	.1834E-01
1064	1 2 1 18	662.70	.1382E-01	.1478E-01	.1568E-01	.1648E-01	.1709E-01	.1739E-01
1065	1 0 0 6	662.71	.1664E+01	.1863E+01	.2090E+01	.2351E+01	.2657E+01	.3023E+01
1066	1 2 1 19	662.74	.1363E-01	.1448E-01	.1525E-01	.1588E-01	.1629E-01	.1634E-01
1067	1 2 1 20	662.78	.1335E-01	.1409E-01	.1473E-01	.1520E-01	.1540E-01	.1522E-01
1068	1 2 1 21	662.81	.1300E-01	.1363E-01	.1414E-01	.1444E-01	.1445E-01	.1406E-01
1069	1 2 1 22	662.86	.1259E-01	.1311E-01	.1348E-01	.1363E-01	.1346E-01	.1288E-01
1070	1 2 1 23	662.90	.1213E-01	.1253E-01	.1277E-01	.1277E-01	.1245E-01	.1170E-01
1071	1 2 1 24	662.94	.1162E-01	.1191E-01	.1203E-01	.1189E-01	.1143E-01	.1055E-01
1072	1 2 1 25	662.99	.1107E-01	.1126E-01	.1126E-01	.1101E-01	.1042E-01	.9441E-02
1073	1 2 1 26	663.04	.1050E-01	.1059E-01	.1048E-01	.1012E-01	.9440E-02	.8384E-02
1074	4 0 0 6	663.07	.4288E-01	.3587E-01	.2839E-01	.2084E-01	.1382E-01	.7916E-02
1075	1 2 1 27	663.09	.9902E-02	.9905E-02	.9705E-02	.9251E-02	.8492E-02	.7389E-02
1076	1 2 1 28	663.14	.9297E-02	.9217E-02	.8934E-02	.8404E-02	.7588E-02	.6465E-02
1077	1 2 1 29	663.19	.8688E-02	.8533E-02	.8179E-02	.7590E-02	.6737E-02	.5615E-02
1078	1 2 1 30	663.25	.8080E-02	.7860E-02	.7448E-02	.6814E-02	.5943E-02	.4842E-02
1079	1 2 1 31	663.30	.7481E-02	.7205E-02	.6746E-02	.6083E-02	.5209E-02	.4146E-02
1080	1 2 1 32	663.36	.6895E-02	.6573E-02	.6079E-02	.5399E-02	.4538E-02	.3525E-02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1081	1 2 1 33	663.42	.6326E-02	.5967E-02	.5449E-02	.4765E-02	.3928E-02	.2976E-02
1082	1 2 1 34	663.48	.5779E-02	.5392E-02	.4860E-02	.4182E-02	.3379E-02	.2495E-02
1083	1 1 2 18	663.49	.4336E-01	.4618E-01	.4880E-01	.5102E-01	.5257E-01	.5309E-01
1084	1 2 1 35	663.55	.5256E-02	.4849E-02	.4312E-02	.3651E-02	.2889E-02	.2078E-02
1085	5 0 2 20	663.58	.2117E-01	.1268E-01	.6724E-02	.3025E-02	.1088E-02	.2837E-03
1086	1 2 1 36	663.61	.4760E-02	.4341E-02	.3807E-02	.3169E-02	.2455E-02	.1718E-02
1087	1 2 1 37	663.68	.4292E-02	.3869E-02	.3345E-02	.2736E-02	.2074E-02	.1412E-02
1088	1 2 1 38	663.75	.3854E-02	.3432E-02	.2924E-02	.2349E-02	.1742E-02	.1152E-02
1089	1 2 1 39	663.82	.3447E-02	.3030E-02	.2543E-02	.2006E-02	.1454E-02	.9335E-03
1090	4 0 0 5	663.86	.3162E-01	.2651E-01	.2103E-01	.1548E-01	.1030E-01	.5932E-02
1091	15 0 0 32	663.89	.2315E-02	.1190E-02	.5252E-03	.1889E-03	.5129E-04	.9332E-05
1092	1 2 1 40	663.90	.3069E-02	.2664E-02	.2202E-02	.1705E-02	.1206E-02	.7515E-03
1093	1 2 1 41	663.97	.2722E-02	.2332E-02	.1897E-02	.1440E-02	.9952E-03	.6010E-03
1094	1 2 1 42	664.05	.2404E-02	.2032E-02	.1626E-02	.1211E-02	.8162E-03	.4775E-03
1095	1 0 0 4	664.26	.1043E+01	.1172E+01	.1321E+01	.1494E+01	.1700E+01	.1951E+01
1096	1 3 1 25	664.47	.2213E-02	.2241E-02	.2229E-02	.2165E-02	.2036E-02	.1829E-02
1097	1 3 1 24	664.49	.2329E-02	.2377E-02	.2388E-02	.2348E-02	.2242E-02	.2054E-02
1098	1 3 1 23	664.51	.2437E-02	.2508E-02	.2544E-02	.2530E-02	.2452E-02	.2288E-02
1099	1 3 1 22	664.53	.2537E-02	.2631E-02	.2693E-02	.2709E-02	.2661E-02	.2528E-02
1100	1 3 1 21	664.54	.2627E-02	.2743E-02	.2832E-02	.2880E-02	.2867E-02	.2771E-02
1101	1 3 1 20	664.56	.2703E-02	.2843E-02	.2960E-02	.3040E-02	.3066E-02	.3012E-02
1102	1 3 1 19	664.58	.2765E-02	.2928E-02	.3072E-02	.3186E-02	.3252E-02	.3245E-02
1103	1 3 1 18	664.59	.2811E-02	.2995E-02	.3167E-02	.3315E-02	.3422E-02	.3466E-02
1104	1 3 1 17	664.60	.2839E-02	.3043E-02	.3241E-02	.3422E-02	.3571E-02	.3668E-02
1105	1 2 2 2	664.60	.2714E-02	.3062E-02	.3466E-02	.3941E-02	.4511E-02	.5213E-02
1106	1 3 1 16	664.62	.2848E-02	.3069E-02	.3291E-02	.3503E-02	.3695E-02	.3845E-02
1107	4 0 0 4	664.63	.2016E-01	.1693E-01	.1346E-01	.9934E-02	.6630E-02	.3833E-02
1108	1 3 1 15	664.63	.2836E-02	.3072E-02	.3315E-02	.3557E-02	.3787E-02	.3991E-02
1109	1 3 1 14	664.64	.2801E-02	.3051E-02	.3311E-02	.3578E-02	.3845E-02	.4100E-02
1110	1 3 1 13	664.65	.2745E-02	.3002E-02	.3277E-02	.3566E-02	.3864E-02	.4165E-02
1111	1 3 1 12	664.66	.2664E-02	.2927E-02	.3211E-02	.3516E-02	.3841E-02	.4183E-02
1112	1 3 1 11	664.67	.2561E-02	.2824E-02	.3113E-02	.3429E-02	.3773E-02	.4147E-02
1113	1 3 1 10	664.68	.2433E-02	.2694E-02	.2982E-02	.3302E-02	.3658E-02	.4055E-02
1114	1 3 1 9	664.69	.2283E-02	.2536E-02	.2819E-02	.3136E-02	.3495E-02	.3905E-02
1115	1 1 2 20	665.09	.4133E-01	.4344E-01	.4517E-01	.4631E-01	.4658E-01	.4558E-01
1116	5 0 2 22	665.17	.1971E-01	.1164E-01	.6062E-02	.2670E-02	.9342E-03	.2354E-03
1117	4 0 0 3	665.41	.9109E-02	.7660E-02	.6098E-02	.4510E-02	.3018E-02	.1750E-02
1118	1 0 0 2	665.82	.3579E+00	.4030E+00	.4554E+00	.5169E+00	.5908E+00	.6818E+00
1119	1 1 2 22	666.68	.3849E-01	.3986E-01	.4073E-01	.4087E-01	.4001E-01	.3783E-01
1120	5 0 2 24	666.76	.1796E-01	.1043E-01	.5331E-02	.2293E-02	.7792E-03	.1891E-03
1121	1 0 1 2	667.38	.1794E+01	.2020E+01	.2283E+01	.2591E+01	.2961E+01	.3417E+01
1122	1 0 1 4	667.40	.3146E+01	.3534E+01	.3982E+01	.4504E+01	.5125E+01	.5881E+01
1123	1 0 1 6	667.42	.4362E+01	.4881E+01	.5475E+01	.6159E+01	.6959E+01	.7917E+01
1124	1 0 1 8	667.45	.5392E+01	.6004E+01	.6694E+01	.7473E+01	.8366E+01	.9403E+01
1125	1 0 1 10	667.49	.6204E+01	.6863E+01	.7593E+01	.8397E+01	.9289E+01	.1028E+02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1126	1 0 1 12	667.54	.6778E+01	.7439E+01	.8153E+01	.8913E+01	.9720E+01	.1056E+02
1127	1 0 1 14	667.60	.7107E+01	.7729E+01	.8378E+01	.9037E+01	.9690E+01	.1031E+02
1128	1 0 1 16	667.66	.7202E+01	.7751E+01	.8296E+01	.8810E+01	.9267E+01	.9613E+01
1129	1 0 1 18	667.73	.7085E+01	.7534E+01	.7949E+01	.8296E+01	.8538E+01	.8611E+01
1130	4 0 1 2	667.75	.4624E-01	.3892E-01	.3102E-01	.2298E-01	.1540E-01	.8952E-02
1131	4 0 1 4	667.76	.1095E+00	.9191E-01	.7304E-01	.5391E-01	.3598E-01	.2080E-01
1132	4 0 1 3	667.76	.8002E-01	.6728E-01	.5356E-01	.3961E-01	.2650E-01	.1537E-01
1133	4 0 1 6	667.77	.1605E+00	.1343E+00	.1062E+00	.7799E-01	.5169E-01	.2961E-01
1134	4 0 1 8	667.78	.2026E+00	.1686E+00	.1326E+00	.9659E-01	.6342E-01	.3590E-01
1135	4 0 1 5	667.78	.1362E+00	.1141E+00	.9053E-01	.6665E-01	.4434E-01	.2553E-01
1136	4 0 1 10	667.79	.2353E+00	.1946E+00	.1518E+00	.1096E+00	.7109E-01	.3963E-01
1137	4 0 1 7	667.81	.1827E+00	.1525E+00	.1203E+00	.8800E-01	.5808E-01	.3309E-01
1138	1 0 1 20	667.81	.6786E+01	.7121E+01	.7395E+01	.7569E+01	.7602E+01	.7431E+01
1139	4 0 1 12	667.81	.2584E+00	.2120E+00	.1639E+00	.1169E+00	.7477E-01	.4091E-01
1140	4 0 1 14	667.84	.2718E+00	.2209E+00	.1689E+00	.1189E+00	.7475E-01	.4003E-01
1141	4 0 1 9	667.84	.2202E+00	.1827E+00	.1432E+00	.1038E+00	.6780E-01	.3810E-01
1142	4 0 1 16	667.86	.2759E+00	.2219E+00	.1675E+00	.1161E+00	.7160E-01	.3740E-01
1143	4 0 1 11	667.88	.2482E+00	.2045E+00	.1588E+00	.1140E+00	.7347E-01	.4060E-01
1144	4 0 1 18	667.89	.2717E+00	.2160E+00	.1607E+00	.1094E+00	.6603E-01	.3353E-01
1145	1 0 1 22	667.90	.6342E+01	.6558E+01	.6692E+01	.6704E+01	.6555E+01	.6191E+01
1146	4 0 1 20	667.92	.2604E+00	.2042E+00	.1496E+00	.9987E-01	.5882E-01	.2895E-01
1147	4 0 1 13	667.94	.2665E+00	.2177E+00	.1674E+00	.1186E+00	.7526E-01	.4076E-01
1148	4 0 1 22	667.96	.2435E+00	.1882E+00	.1354E+00	.8848E-01	.5073E-01	.2412E-01
1149	4 0 1 15	667.99	.2752E+00	.2226E+00	.1691E+00	.1182E+00	.7362E-01	.3896E-01
1150	4 0 1 24	668.00	.2224E+00	.1692E+00	.1194E+00	.7621E-01	.4243E-01	.1942E-01
1151	1 0 1 24	668.00	.5793E+01	.5896E+01	.5902E+01	.5775E+01	.5484E+01	.4988E+01
1152	4 0 1 26	668.04	.1988E+00	.1486E+00	.1027E+00	.6391E-01	.3446E-01	.1514E-01
1153	4 0 1 17	668.06	.2751E+00	.2200E+00	.1649E+00	.1133E+00	.6919E-01	.3565E-01
1154	4 0 1 28	668.08	.1740E+00	.1277E+00	.8627E-01	.5223E-01	.2721E-01	.1144E-01
1155	1 0 1 26	668.10	.5178E+01	.5179E+01	.5078E+01	.4844E+01	.4456E+01	.3890E+01
1156	4 0 1 30	668.13	.1493E+00	.1074E+00	.7082E-01	.4163E-01	.2090E-01	.8381E-02
1157	4 0 1 19	668.14	.2673E+00	.2111E+00	.1558E+00	.1051E+00	.6271E-01	.3137E-01
1158	1 0 2 0	668.16	.7268E+00	.8191E+00	.9268E+00	.1053E+01	.1206E+01	.1395E+01
1159	9 0 1 6	668.18	.8187E-02	.5119E-02	.2855E-02	.1368E-02	.5315E-03	.1533E-03
1160	4 0 1 32	668.18	.1257E+00	.8843E-01	.5685E-01	.3238E-01	.1563E-01	.5958E-02
1161	9 0 1 7	668.19	.9585E-02	.5978E-02	.3325E-02	.1587E-02	.6141E-03	.1761E-03
1162	9 0 1 8	668.20	.1082E-01	.6732E-02	.3732E-02	.1774E-02	.6831E-03	.1947E-03
1163	9 0 1 9	668.21	.1191E-01	.7384E-02	.4079E-02	.1930E-02	.7389E-03	.2090E-03
1164	1 0 1 28	668.22	.4534E+01	.4451E+01	.4267E+01	.3961E+01	.3520E+01	.2941E+01
1165	4 0 1 21	668.22	.2530E+00	.1970E+00	.1431E+00	.9456E-01	.5497E-01	.2661E-01
1166	9 0 1 10	668.23	.1284E-01	.7935E-02	.4365E-02	.2055E-02	.7820E-03	.2195E-03
1167	4 0 1 34	668.24	.1038E+00	.7139E-01	.4466E-01	.2460E-01	.1139E-01	.4113E-02
1168	9 0 1 11	668.24	.1362E-01	.8388E-02	.4594E-02	.2151E-02	.8128E-03	.2261E-03
1169	9 0 1 12	668.26	.1426E-01	.8744E-02	.4765E-02	.2218E-02	.8317E-03	.2291E-03
1170	1 1 2 24	668.28	.3507E-01	.3574E-01	.3582E-01	.3511E-01	.3338E-01	.3039E-01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1171	9 0 1 13	668.28	.1475E-01	.9005E-02	.4881E-02	.2257E-02	.8396E-03	.2289E-03
1172	4 0 1 36	668.29	.8417E-01	.5651E-01	.3434E-01	.1825E-01	.8084E-02	.2758E-02
1173	9 0 1 14	668.30	.1510E-01	.9174E-02	.4945E-02	.2270E-02	.8372E-03	.2257E-03
1174	4 0 1 23	668.31	.2339E+00	.1794E+00	.1278E+00	.8262E-01	.4670E-01	.2180E-01
1175	9 0 1 15	668.32	.1531E-01	.9256E-02	.4958E-02	.2260E-02	.8255E-03	.2199E-03
1176	1 0 1 30	668.34	.3892E+01	.3745E+01	.3505E+01	.3159E+01	.2706E+01	.2156E+01
1177	9 0 1 16	668.34	.1540E-01	.9257E-02	.4926E-02	.2227E-02	.8055E-03	.2118E-03
1178	5 0 2 26	668.35	.1602E-01	.9148E-02	.4577E-02	.1919E-02	.6318E-03	.1472E-03
1179	4 0 1 38	668.36	.6704E-01	.4387E-01	.2585E-01	.1324E-01	.5594E-02	.1797E-02
1180	9 0 1 17	668.37	.1536E-01	.9180E-02	.4851E-02	.2175E-02	.7782E-03	.2018E-03
1181	9 0 1 18	668.39	.1521E-01	.9034E-02	.4739E-02	.2105E-02	.7450E-03	.1904E-03
1182	4 0 1 25	668.41	.2114E+00	.1594E+00	.1114E+00	.7024E-01	.3851E-01	.1729E-01
1183	9 0 1 19	668.42	.1496E-01	.8826E-02	.4594E-02	.2022E-02	.7068E-03	.1779E-03
1184	4 0 1 40	668.42	.5246E-01	.3342E-01	.1906E-01	.9385E-02	.3775E-02	.1138E-02
1185	9 0 1 20	668.45	.1461E-01	.8562E-02	.4420E-02	.1926E-02	.6649E-03	.1647E-03
1186	1 0 1 32	668.47	.3278E+01	.3087E+01	.2815E+01	.2459E+01	.2025E+01	.1534E+01
1187	9 0 1 21	668.48	.1418E-01	.8250E-02	.4223E-02	.1821E-02	.6204E-03	.1511E-03
1188	4 0 1 42	668.49	.4034E-01	.2498E-01	.1378E-01	.6506E-02	.2485E-02	.7006E-03
1189	9 0 1 22	668.51	.1368E-01	.7899E-02	.4007E-02	.1708E-02	.5743E-03	.1374E-03
1190	4 0 1 27	668.52	.1870E+00	.1385E+00	.9472E-01	.5817E-01	.3085E-01	.1327E-01
1191	9 0 1 23	668.54	.1312E-01	.7516E-02	.3777E-02	.1592E-02	.5275E-03	.1239E-03
1192	4 0 1 44	668.56	.3049E-01	.1833E-01	.9756E-02	.4411E-02	.1596E-02	.4196E-03
1193	9 0 1 24	668.58	.1251E-01	.7109E-02	.3537E-02	.1473E-02	.4808E-03	.1108E-03
1194	1 0 1 34	668.61	.2709E+01	.2494E+01	.2213E+01	.1869E+01	.1477E+01	.1060E+01
1195	9 0 1 25	668.61	.1186E-01	.6685E-02	.3292E-02	.1354E-02	.4351E-03	.9825E-04
1196	4 0 1 46	668.63	.2266E-01	.1321E-01	.6772E-02	.2926E-02	.9998E-03	.2444E-03
1197	4 0 1 29	668.64	.1622E+00	.1178E+00	.7869E-01	.4697E-01	.2404E-01	.9880E-02
1198	9 0 1 26	668.65	.1119E-01	.6250E-02	.3045E-02	.1236E-02	.3908E-03	.8643E-04
1199	9 0 1 27	668.69	.1050E-01	.5810E-02	.2800E-02	.1122E-02	.3486E-03	.7544E-04
1200	4 0 1 48	668.71	.1656E-01	.9344E-02	.4609E-02	.1899E-02	.6115E-03	.1385E-03
1201	9 0 1 28	668.73	.9801E-02	.5373E-02	.2560E-02	.1011E-02	.3088E-03	.6533E-04
1202	1 0 1 36	668.75	.2198E+01	.1975E+01	.1703E+01	.1388E+01	.1049E+01	.7117E+00
1203	4 0 1 31	668.76	.1379E+00	.9809E-01	.6391E-01	.3701E-01	.1823E-01	.7135E-02
1204	9 0 1 29	668.77	.9103E-02	.4941E-02	.2326E-02	.9055E-03	.2716E-03	.5614E-04
1205	4 0 1 50	668.79	.1190E-01	.6493E-02	.3076E-02	.1206E-02	.3651E-03	.7638E-04
1206	9 0 1 30	668.81	.8414E-02	.4520E-02	.2102E-02	.8060E-03	.2373E-03	.4787E-04
1207	9 0 1 31	668.86	.7739E-02	.4114E-02	.1889E-02	.7132E-03	.2059E-03	.4052E-04
1208	4 0 1 52	668.87	.8415E-02	.4432E-02	.2013E-02	.7498E-03	.2128E-03	.4099E-04
1209	4 0 1 33	668.90	.1150E+00	.8003E-01	.5078E-01	.2846E-01	.1347E-01	.5002E-02
1210	1 0 1 38	668.91	.1752E+01	.1535E+01	.1283E+01	.1008E+01	.7269E+00	.4643E+00
1211	4 0 1 35	669.04	.9416E-01	.6401E-01	.3948E-01	.2138E-01	.9690E-02	.3405E-02
1212	1 0 1 40	669.07	.1372E+01	.1170E+01	.9473E+00	.7153E+00	.4911E+00	.2944E+00
1213	4 0 1 37	669.19	.7571E-01	.5021E-01	.3006E-01	.1570E-01	.6797E-02	.2253E-02
1214	1 0 1 42	669.24	.1056E+01	.8755E+00	.6852E+00	.4964E+00	.3237E+00	.1816E+00
1215	4 0 2 1	669.32	.8409E-01	.7082E-01	.5648E-01	.4188E-01	.2810E-01	.1636E-01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1216	4 0 1 39	669.34	.5980E-01	.3863E-01	.2241E-01	.1126E-01	.4648E-02	.1448E-02
1217	1 0 1 44	669.42	.7990E+00	.6431E+00	.4858E+00	.3370E+00	.2081E+00	.1089E+00
1218	4 0 1 41	669.51	.4642E-01	.2917E-01	.1637E-01	.7901E-02	.3100E-02	.9052E-03
1219	1 0 1 46	669.61	.5944E+00	.4638E+00	.3376E+00	.2238E+00	.1306E+00	.6353E-01
1220	4 0 1 43	669.68	.3541E-01	.2162E-01	.1172E-01	.5422E-02	.2017E-02	.5502E-03
1221	1 0 2 2	669.72	.1441E+01	.1623E+01	.1833E+01	.2081E+01	.2378E+01	.2744E+01
1222	1 0 1 48	669.80	.4348E+00	.3285E+00	.2300E+00	.1455E+00	.8001E-01	.3607E-01
1223	4 0 1 45	669.87	.2656E-01	.1573E-01	.8225E-02	.3639E-02	.1281E-02	.3253E-03
1224	1 1 2 26	669.88	.3129E-01	.3134E-01	.3076E-01	.2939E-01	.2707E-01	.2365E-01
1225	5 0 2 28	669.94	.1401E-01	.7851E-02	.3841E-02	.1567E-02	.4983E-03	.1111E-03
1226	1 0 1 50	670.00	.3129E+00	.2286E+00	.1537E+00	.9252E-01	.4785E-01	.1992E-01
1227	15 0 0 24	670.05	.4072E-02	.2262E-02	.1095E-02	.4412E-03	.1381E-03	.3016E-04
1228	4 0 1 47	670.06	.1959E-01	.1124E-01	.5658E-02	.2390E-02	.7938E-03	.1871E-03
1229	4 0 2 2	670.10	.9286E-01	.7815E-01	.6228E-01	.4612E-01	.3091E-01	.1797E-01
1230	1 0 1 52	670.22	.2215E+00	.1562E+00	.1007E+00	.5760E-01	.2794E-01	.1071E-01
1231	4 0 1 49	670.25	.1421E-01	.7888E-02	.3816E-02	.1536E-02	.4802E-03	.1047E-03
1232	1 0 1 54	670.43	.1542E+00	.1049E+00	.6476E-01	.3510E-01	.1593E-01	.5607E-02
1233	4 0 1 51	670.46	.1013E-01	.5437E-02	.2524E-02	.9659E-03	.2836E-03	.5703E-04
1234	9 0 2 2	670.51	.7893E-02	.4965E-02	.2790E-02	.1348E-02	.5298E-03	.1550E-03
1235	1 2 2 10	670.54	.6844E-02	.7592E-02	.8422E-02	.9344E-02	.1037E-01	.1152E-01
1236	1 0 1 56	670.66	.1056E+00	.6921E-01	.4084E-01	.2095E-01	.8870E-02	.2857E-02
1237	4 0 1 53	670.67	.7112E-02	.3682E-02	.1638E-02	.5946E-03	.1635E-03	.3023E-04
1238	4 0 2 3	670.89	.1034E+00	.8696E-01	.6921E-01	.5118E-01	.3424E-01	.1985E-01
1239	1 0 1 58	670.90	.7122E-01	.4487E-01	.2526E-01	.1224E-01	.4824E-02	.1417E-02
1240	4 0 1 55	670.90	.4910E-02	.2449E-02	.1042E-02	.3584E-03	.9209E-04	.1560E-04
1241	4 0 1 57	671.13	.3336E-02	.1601E-02	.6506E-03	.2115E-03	.5065E-04	.7838E-05
1242	1 0 1 60	671.14	.4726E-01	.2859E-01	.1534E-01	.7001E-02	.2563E-02	.6845E-03
1243	1 2 2 11	671.28	.7141E-02	.7894E-02	.8719E-02	.9623E-02	.1061E-01	.1169E-01
1244	1 0 2 4	671.29	.2111E+01	.2371E+01	.2672E+01	.3021E+01	.3437E+01	.3944E+01
1245	9 0 2 3	671.30	.8205E-02	.5156E-02	.2894E-02	.1396E-02	.5477E-03	.1599E-03
1246	1 0 1 62	671.39	.3086E-01	.1791E-01	.9136E-02	.3923E-02	.1330E-02	.3220E-03
1247	1 1 2 28	671.48	.2736E-01	.2690E-01	.2581E-01	.2400E-01	.2135E-01	.1785E-01
1248	5 0 2 30	671.54	.1201E-01	.6599E-02	.3151E-02	.1248E-02	.3826E-03	.8133E-04
1249	15 0 0 22	671.59	.4445E-02	.2509E-02	.1238E-02	.5105E-03	.1645E-03	.3731E-04
1250	1 0 1 64	671.65	.1983E-01	.1102E-01	.5340E-02	.2153E-02	.6745E-03	.1475E-03
1251	4 0 2 4	671.67	.1143E+00	.9593E-01	.7623E-01	.5625E-01	.3754E-01	.2170E-01
1252	1 0 1 66	671.92	.1255E-01	.6670E-02	.3064E-02	.1157E-02	.3342E-03	.6580E-04
1253	1 2 2 12	672.03	.7381E-02	.8127E-02	.8935E-02	.9805E-02	.1074E-01	.1172E-01
1254	9 0 2 4	672.09	.8634E-02	.5417E-02	.3035E-02	.1461E-02	.5719E-03	.1664E-03
1255	1 0 1 68	672.19	.7813E-02	.3968E-02	.1725E-02	.6092E-03	.1618E-03	.2860E-04
1256	1 0 1 70	672.47	.4790E-02	.2321E-02	.9534E-03	.3142E-03	.7652E-04	.1210E-04
1257	4 0 2 5	672.48	.1248E+00	.1046E+00	.8293E-01	.6104E-01	.4061E-01	.2337E-01
1258	1 2 2 13	672.78	.7563E-02	.8292E-02	.9071E-02	.9894E-02	.1075E-01	.1162E-01
1259	1 0 2 6	672.87	.2709E+01	.3031E+01	.3399E+01	.3823E+01	.4319E+01	.4912E+01
1260	9 0 2 5	672.88	.9090E-02	.5694E-02	.3183E-02	.1529E-02	.5964E-03	.1728E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1261	1 1 2 30	673.09	.2347E-01	.2261E-01	.2118E-01	.1912E-01	.1640E-01	.1308E-01
1262	15 0 0 20	673.13	.4736E-02	.2712E-02	.1362E-02	.5738E-03	.1900E-03	.4458E-04
1263	5 0 2 32	673.14	.1011E-01	.5435E-02	.2530E-02	.9708E-03	.2861E-03	.5782E-04
1264	4 0 2 6	673.25	.1346E+00	.1126E+00	.8905E-01	.6536E-01	.4331E-01	.2481E-01
1265	1 2 2 14	673.52	.7687E-02	.8391E-02	.9129E-02	.9892E-02	.1066E-01	.1140E-01
1266	9 0 2 6	673.67	.9535E-02	.5960E-02	.3324E-02	.1592E-02	.6185E-03	.1784E-03
1267	4 0 2 7	674.07	.1436E+00	.1198E+00	.9452E-01	.6913E-01	.4561E-01	.2598E-01
1268	1 2 2 15	674.27	.7756E-02	.8425E-02	.9113E-02	.9805E-02	.1047E-01	.1107E-01
1269	1 0 2 8	674.44	.3210E+01	.3573E+01	.3982E+01	.4445E+01	.4975E+01	.5590E+01
1270	9 0 2 7	674.47	.9946E-02	.6202E-02	.3449E-02	.1646E-02	.6367E-03	.1826E-03
1271	15 0 0 18	674.68	.4916E-02	.2853E-02	.1456E-02	.6252E-03	.2121E-03	.5135E-04
1272	1 1 2 32	674.69	.1976E-01	.1863E-01	.1701E-01	.1487E-01	.1226E-01	.9299E-02
1273	5 0 2 34	674.75	.8355E-02	.4390E-02	.1988E-02	.7377E-03	.2085E-03	.3993E-04
1274	4 0 2 8	674.83	.1516E+00	.1261E+00	.9916E-01	.7222E-01	.4741E-01	.2683E-01
1275	1 2 2 16	675.02	.7771E-02	.8398E-02	.9028E-02	.9639E-02	.1020E-01	.1065E-01
1276	9 0 2 8	675.26	.1031E-01	.6410E-02	.3553E-02	.1688E-02	.6500E-03	.1852E-03
1277	4 0 2 9	675.67	.1586E+00	.1315E+00	.1030E+00	.7469E-01	.4876E-01	.2740E-01
1278	1 2 2 17	675.77	.7735E-02	.8312E-02	.8878E-02	.9403E-02	.9850E-02	.1016E-01
1279	1 0 2 10	676.02	.3597E+01	.3977E+01	.4399E+01	.4863E+01	.5379E+01	.5953E+01
1280	9 0 2 9	676.06	.1061E-01	.6580E-02	.3634E-02	.1719E-02	.6580E-03	.1861E-03
1281	15 0 0 16	676.23	.4957E-02	.2911E-02	.1507E-02	.6585E-03	.2283E-03	.5685E-04
1282	1 1 2 34	676.30	.1633E-01	.1505E-01	.1337E-01	.1130E-01	.8939E-02	.6423E-02
1283	5 0 2 36	676.35	.6780E-02	.3477E-02	.1529E-02	.5478E-03	.1481E-03	.2680E-04
1284	4 0 2 10	676.41	.1642E+00	.1358E+00	.1059E+00	.7639E-01	.4956E-01	.2762E-01
1285	1 2 2 18	676.52	.7650E-02	.8174E-02	.8669E-02	.9105E-02	.9436E-02	.9600E-02
1286	9 0 2 10	676.86	.1086E-01	.6707E-02	.3689E-02	.1736E-02	.6604E-03	.1853E-03
1287	1 2 2 19	677.27	.7521E-02	.7987E-02	.8409E-02	.8752E-02	.8970E-02	.8995E-02
1288	4 0 2 11	677.28	.1689E+00	.1391E+00	.1080E+00	.7747E-01	.4991E-01	.2757E-01
1289	1 0 2 12	677.60	.3860E+01	.4235E+01	.4640E+01	.5071E+01	.5528E+01	.6006E+01
1290	9 0 2 11	677.66	.1103E-01	.6790E-02	.3717E-02	.1740E-02	.6573E-03	.1828E-03
1291	15 0 0 14	677.78	.4837E-02	.2871E-02	.1505E-02	.6678E-03	.2360E-03	.6025E-04
1292	1 1 2 36	677.92	.1325E-01	.1192E-01	.1028E-01	.8396E-02	.6351E-02	.4311E-02
1293	5 0 2 38	677.96	.5405E-02	.2702E-02	.1153E-02	.3977E-03	.1026E-03	.1748E-04
1294	4 0 2 12	678.00	.1721E+00	.1411E+00	.1090E+00	.7775E-01	.4971E-01	.2720E-01
1295	1 2 2 20	678.02	.7351E-02	.7756E-02	.8103E-02	.8355E-02	.8462E-02	.8358E-02
1296	9 0 2 12	678.46	.1114E-01	.6829E-02	.3720E-02	.1731E-02	.6489E-03	.1787E-03
1297	1 2 2 21	678.77	.7145E-02	.7488E-02	.7759E-02	.7922E-02	.7925E-02	.7704E-02
1298	4 0 2 13	678.90	.1743E+00	.1423E+00	.1093E+00	.7748E-01	.4914E-01	.2661E-01
1299	1 0 2 14	679.18	.3998E+01	.4346E+01	.4709E+01	.5077E+01	.5443E+01	.5787E+01
1300	9 0 2 13	679.26	.1118E-01	.6822E-02	.3697E-02	.1709E-02	.6354E-03	.1732E-03
1301	15 0 0 12	679.33	.4540E-02	.2719E-02	.1441E-02	.6481E-03	.2329E-03	.6076E-04
1302	1 2 2 22	679.53	.6907E-02	.7187E-02	.7385E-02	.7462E-02	.7368E-02	.7045E-02
1303	1 1 2 38	679.53	.1056E-01	.9263E-02	.7752E-02	.6096E-02	.4401E-02	.2813E-02
1304	5 0 2 40	679.57	.4235E-02	.2061E-02	.8510E-03	.2823E-03	.6933E-04	.1109E-04
1305	4 0 2 14	679.58	.1750E+00	.1422E+00	.1086E+00	.7644E-01	.4805E-01	.2572E-01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1306	9 0 2 14	680.07	.1115E-01	.6773E-02	.3649E-02	.1675E-02	.6174E-03	.1664E-03
1307	1 2 2 23	680.28	.6642E-02	.6860E-02	.6987E-02	.6983E-02	.6803E-02	.6392E-02
1308	4 0 2 15	680.53	.1749E+00	.1414E+00	.1074E+00	.7497E-01	.4669E-01	.2470E-01
1309	1 0 2 16	680.77	.4016E+01	.4320E+01	.4621E+01	.4906E+01	.5158E+01	.5349E+01
1310	9 0 2 15	680.87	.1106E-01	.6682E-02	.3578E-02	.1630E-02	.5952E-03	.1585E-03
1311	15 0 0 10	680.88	.4059E-02	.2450E-02	.1310E-02	.5962E-03	.2174E-03	.5775E-04
1312	1 2 2 24	681.03	.6354E-02	.6513E-02	.6572E-02	.6494E-02	.6238E-02	.5755E-02
1313	1 1 2 40	681.15	.8277E-02	.7066E-02	.5725E-02	.4328E-02	.2974E-02	.1784E-02
1314	4 0 2 16	681.18	.1733E+00	.1393E+00	.1051E+00	.7280E-01	.4489E-01	.2344E-01
1315	3 0 0 49	681.62	.4477E-02	.2485E-02	.1202E-02	.4834E-03	.1511E-03	.3294E-04
1316	9 0 2 16	681.68	.1091E-01	.6553E-02	.3486E-02	.1575E-02	.5695E-03	.1497E-03
1317	1 2 2 25	681.79	.6049E-02	.6150E-02	.6146E-02	.6002E-02	.5681E-02	.5143E-02
1318	4 0 2 17	682.16	.1711E+00	.1367E+00	.1024E+00	.7036E-01	.4293E-01	.2211E-01
1319	1 0 2 18	682.36	.3925E+01	.4171E+01	.4399E+01	.4589E+01	.4720E+01	.4759E+01
1320	9 0 2 17	682.49	.1070E-01	.6389E-02	.3374E-02	.1512E-02	.5408E-03	.1402E-03
1321	1 2 2 26	682.54	.5730E-02	.5777E-02	.5716E-02	.5514E-02	.5140E-02	.4562E-02
1322	4 0 2 18	682.77	.1674E+00	.1330E+00	.9889E-01	.6731E-01	.4060E-01	.2061E-01
1323	1 1 2 42	682.78	.6375E-02	.5290E-02	.4144E-02	.3005E-02	.1961E-02	.1101E-02
1324	3 0 0 47	683.25	.6195E-02	.3553E-02	.1788E-02	.7547E-03	.2506E-03	.5905E-04
1325	9 0 2 18	683.30	.1043E-01	.6192E-02	.3247E-02	.1442E-02	.5099E-03	.1303E-03
1326	1 2 2 27	683.30	.5402E-02	.5399E-02	.5286E-02	.5035E-02	.4619E-02	.4018E-02
1327	4 0 2 19	683.80	.1634E+00	.1289E+00	.9515E-01	.6416E-01	.3825E-01	.1913E-01
1328	1 0 2 20	683.96	.3741E+01	.3923E+01	.4072E+01	.4165E+01	.4181E+01	.4086E+01
1329	1 2 2 28	684.06	.5068E-02	.5021E-02	.4863E-02	.4571E-02	.4125E-02	.3512E-02
1330	9 0 2 19	684.11	.1012E-01	.5968E-02	.3105E-02	.1366E-02	.4772E-03	.1201E-03
1331	4 0 2 20	684.37	.1581E+00	.1239E+00	.9067E-01	.6051E-01	.3562E-01	.1752E-01
1332	1 1 2 44	684.40	.4828E-02	.3889E-02	.2940E-02	.2041E-02	.1262E-02	.6605E-03
1333	1 2 2 29	684.81	.4734E-02	.4645E-02	.4449E-02	.4126E-02	.3660E-02	.3049E-02
1334	3 0 0 45	684.88	.8430E-02	.4990E-02	.2608E-02	.1153E-02	.4057E-03	.1030E-03
1335	9 0 2 20	684.92	.9766E-02	.5721E-02	.2952E-02	.1285E-02	.4435E-03	.1098E-03
1336	4 0 2 21	685.45	.1526E+00	.1188E+00	.8618E-01	.5693E-01	.3308E-01	.1600E-01
1337	1 0 2 22	685.56	.3484E+01	.3600E+01	.3671E+01	.3676E+01	.3592E+01	.3391E+01
1338	1 2 2 30	685.57	.4401E-02	.4277E-02	.4050E-02	.3702E-02	.3227E-02	.2627E-02
1339	9 0 2 21	685.74	.9377E-02	.5453E-02	.2789E-02	.1202E-02	.4093E-03	.9966E-04
1340	4 0 2 22	685.97	.1460E+00	.1128E+00	.8109E-01	.5297E-01	.3035E-01	.1442E-01
1341	1 1 2 46	686.03	.3595E-02	.2807E-02	.2045E-02	.1357E-02	.7924E-03	.3857E-03
1342	1 2 2 31	686.33	.4073E-02	.3920E-02	.3667E-02	.3304E-02	.2827E-02	.2249E-02
1343	3 0 0 43	686.50	.1128E-01	.6882E-02	.3729E-02	.1724E-02	.6411E-03	.1748E-03
1344	9 0 2 22	686.55	.8958E-02	.5170E-02	.2621E-02	.1117E-02	.3752E-03	.8974E-04
1345	1 2 2 32	687.09	.3753E-02	.3575E-02	.3303E-02	.2931E-02	.2462E-02	.1911E-02
1346	4 0 2 23	687.10	.1396E+00	.1070E+00	.7619E-01	.4921E-01	.2780E-01	.1297E-01
1347	1 0 2 24	687.16	.3174E+01	.3228E+01	.3229E+01	.3157E+01	.2996E+01	.2724E+01
1348	9 0 2 23	687.37	.8516E-02	.4877E-02	.2449E-02	.1031E-02	.3416E-03	.8020E-04
1349	4 0 2 24	687.57	.1321E+00	.1004E+00	.7082E-01	.4518E-01	.2514E-01	.1150E-01
1350	3 0 0 41	688.13	.1484E-01	.9319E-02	.5227E-02	.2521E-02	.9886E-03	.2885E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1351	9 0 2 24	688.19	.8056E-02	.4576E-02	.2275E-02	.9469E-03	.3089E-03	.7113E-04
1352	15 0 1 4	688.69	.4865E-02	.2981E-02	.1624E-02	.7553E-03	.2831E-03	.7799E-04
1353	15 0 1 6	688.72	.6745E-02	.4117E-02	.2232E-02	.1033E-02	.3845E-03	.1050E-03
1354	15 0 1 8	688.75	.8339E-02	.5065E-02	.2729E-02	.1253E-02	.4622E-03	.1247E-03
1355	1 0 2 26	688.76	.2832E+01	.2830E+01	.2772E+01	.2643E+01	.2430E+01	.2120E+01
1356	4 0 2 25	688.77	.1251E+00	.9424E-01	.6580E-01	.4147E-01	.2272E-01	.1019E-01
1357	15 0 1 10	688.80	.9595E-02	.5790E-02	.3096E-02	.1408E-02	.5133E-03	.1364E-03
1358	15 0 1 12	688.85	.1048E-01	.6275E-02	.3324E-02	.1495E-02	.5371E-03	.1401E-03
1359	15 0 1 14	688.91	.1099E-01	.6520E-02	.3416E-02	.1515E-02	.5354E-03	.1366E-03
1360	15 0 1 16	688.98	.1114E-01	.6538E-02	.3382E-02	.1478E-02	.5120E-03	.1275E-03
1361	9 0 2 25	689.00	.7585E-02	.4271E-02	.2102E-02	.8639E-03	.2774E-03	.6262E-04
1362	15 0 1 18	689.06	.1096E-01	.6356E-02	.3241E-02	.1391E-02	.4717E-03	.1142E-03
1363	15 0 1 20	689.15	.1049E-01	.6007E-02	.3015E-02	.1269E-02	.4200E-03	.9854E-04
1364	4 0 2 26	689.18	.1172E+00	.8751E-01	.6044E-01	.3759E-01	.2026E-01	.8896E-02
1365	15 0 1 22	689.25	.9808E-02	.5533E-02	.2729E-02	.1124E-02	.3622E-03	.8210E-04
1366	15 0 1 24	689.35	.8959E-02	.4974E-02	.2406E-02	.9686E-03	.3030E-03	.6614E-04
1367	15 0 1 26	689.47	.8009E-02	.4370E-02	.2070E-02	.8125E-03	.2462E-03	.5159E-04
1368	15 0 1 28	689.60	.7013E-02	.3755E-02	.1740E-02	.6643E-03	.1945E-03	.3900E-04
1369	15 0 1 30	689.74	.6020E-02	.3160E-02	.1429E-02	.5298E-03	.1495E-03	.2860E-04
1370	3 0 0 39	689.75	.1919E-01	.1239E-01	.7181E-02	.3606E-02	.1487E-02	.4632E-03
1371	9 0 2 26	689.83	.7107E-02	.3967E-02	.1931E-02	.7835E-03	.2475E-03	.5471E-04
1372	15 0 1 32	689.88	.5069E-02	.2604E-02	.1148E-02	.4124E-03	.1119E-03	.2035E-04
1373	15 0 1 34	690.04	.4190E-02	.2104E-02	.9024E-03	.3135E-03	.8160E-04	.1406E-04
1374	1 2 2 36	690.13	.2590E-02	.2360E-02	.2068E-02	.1719E-02	.1331E-02	.9311E-03
1375	15 0 1 36	690.21	.3400E-02	.1666E-02	.6944E-03	.2329E-03	.5799E-04	.9439E-05
1376	1 0 2 28	690.37	.2476E+01	.2429E+01	.2326E+01	.2158E+01	.1917E+01	.1600E+01
1377	15 0 1 38	690.39	.2710E-02	.1295E-02	.5233E-03	.1690E-03	.4017E-04	.6158E-05
1378	4 0 2 27	690.44	.1099E+00	.8132E-01	.5556E-01	.3409E-01	.1807E-01	.7770E-02
1379	9 0 2 27	690.65	.6629E-02	.3665E-02	.1765E-02	.7064E-03	.2194E-03	.4746E-04
1380	4 0 2 28	690.79	.1019E+00	.7470E-01	.5044E-01	.3052E-01	.1589E-01	.6676E-02
1381	3 0 0 37	691.37	.2438E-01	.1616E-01	.9665E-02	.5043E-02	.2182E-02	.7229E-03
1382	9 0 2 28	691.47	.6154E-02	.3370E-02	.1604E-02	.6332E-03	.1933E-03	.4087E-04
1383	1 0 2 30	691.98	.2124E+01	.2042E+01	.1909E+01	.1719E+01	.1472E+01	.1172E+01
1384	4 0 2 29	692.12	.9471E-01	.6875E-01	.4588E-01	.2737E-01	.1400E-01	.5749E-02
1385	9 0 2 29	692.30	.5687E-02	.3084E-02	.1451E-02	.5642E-03	.1691E-03	.3494E-04
1386	4 0 2 30	692.40	.8700E-01	.6249E-01	.4119E-01	.2419E-01	.1214E-01	.4864E-02
1387	15 0 2 4	692.58	.3264E-02	.2000E-02	.1089E-02	.5065E-03	.1899E-03	.5229E-04
1388	3 0 0 35	692.98	.3044E-01	.2067E-01	.1274E-01	.6895E-02	.3122E-02	.1097E-02
1389	9 0 2 30	693.12	.5231E-02	.2808E-02	.1305E-02	.4999E-03	.1470E-03	.2965E-04
1390	1 0 2 32	693.59	.1787E+01	.1682E+01	.1532E+01	.1337E+01	.1101E+01	.8334E+00
1391	4 0 2 31	693.81	.8014E-01	.5697E-01	.3709E-01	.2145E-01	.1056E-01	.4131E-02
1392	9 0 2 31	693.95	.4791E-02	.2544E-02	.1167E-02	.4403E-03	.1270E-03	.2498E-04
1393	4 0 2 32	694.01	.7291E-01	.5126E-01	.3292E-01	.1874E-01	.9038E-02	.3443E-02
1394	15 0 2 6	694.14	.4187E-02	.2556E-02	.1385E-02	.6408E-03	.2386E-03	.6512E-04
1395	3 0 0 33	694.60	.3732E-01	.2595E-01	.1645E-01	.9212E-02	.4355E-02	.1617E-02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1396	9 0 2 32	694.78	.4368E-02	.2295E-02	.1039E-02	.3857E-03	.1091E-03	.2090E-04
1397	1 0 2 34	695.20	.1477E+01	.1358E+01	.1204E+01	.1016E+01	.8023E+00	.5757E+00
1398	4 0 2 33	695.50	.6659E-01	.4630E-01	.2935E-01	.1643E-01	.7770E-02	.2884E-02
1399	9 0 2 33	695.61	.3965E-02	.2059E-02	.9199E-03	.3359E-03	.9304E-04	.1737E-04
1400	4 0 2 34	695.63	.6001E-01	.4123E-01	.2576E-01	.1418E-01	.6559E-02	.2367E-02
1401	15 0 2 8	695.71	.4961E-02	.3012E-02	.1623E-02	.7450E-03	.2747E-03	.7410E-04
1402	3 0 0 31	696.21	.4492E-01	.3193E-01	.2078E-01	.1202E-01	.5919E-02	.2315E-02
1403	9 0 2 34	696.44	.3583E-02	.1840E-02	.8104E-03	.2909E-03	.7888E-04	.1433E-04
1404	1 0 2 36	696.82	.1199E+01	.1076E+01	.9266E+00	.7548E+00	.5700E+00	.3864E+00
1405	4 0 2 35	697.21	.5435E-01	.3691E-01	.2274E-01	.1231E-01	.5572E-02	.1957E-02
1406	4 0 2 36	697.25	.4852E-01	.3254E-01	.1975E-01	.1049E-01	.4642E-02	.1582E-02
1407	9 0 2 35	697.28	.3224E-02	.1636E-02	.7103E-03	.2505E-03	.6646E-04	.1173E-04
1408	15 0 2 10	697.28	.5559E-02	.3353E-02	.1792E-02	.8151E-03	.2970E-03	.7889E-04
1409	3 0 0 29	697.82	.5305E-01	.3850E-01	.2569E-01	.1532E-01	.7835E-02	.3218E-02
1410	9 0 2 36	698.11	.2889E-02	.1448E-02	.6194E-03	.2146E-03	.5565E-04	.9545E-05
1411	1 0 2 38	698.44	.9556E+00	.8362E+00	.6984E+00	.5480E+00	.3949E+00	.2521E+00
1412	15 0 2 12	698.85	.5965E-02	.3570E-02	.1891E-02	.8498E-03	.3053E-03	.7960E-04
1413	4 0 2 38	698.88	.3856E-01	.2520E-01	.1483E-01	.7589E-02	.3204E-02	.1028E-02
1414	4 0 2 37	698.92	.4359E-01	.2887E-01	.1727E-01	.9008E-02	.3897E-02	.1291E-02
1415	9 0 2 37	698.95	.2577E-02	.1275E-02	.5374E-03	.1827E-03	.4631E-04	.7710E-05
1416	3 0 0 27	699.42	.6146E-01	.4547E-01	.3106E-01	.1905E-01	.1010E-01	.4340E-02
1417	9 0 2 38	699.79	.2289E-02	.1118E-02	.4639E-03	.1548E-03	.3830E-04	.6185E-05
1418	1 0 2 40	700.06	.7487E+00	.6377E+00	.5158E+00	.3890E+00	.2669E+00	.1599E+00
1419	15 0 2 14	700.42	.6178E-02	.3663E-02	.1918E-02	.8508E-03	.3005E-03	.7668E-04
1420	4 0 2 40	700.50	.3011E-01	.1916E-01	.1092E-01	.5369E-02	.2158E-02	.6499E-03
1421	9 0 2 39	700.63	.2025E-02	.9759E-03	.3985E-03	.1304E-03	.3148E-04	.4927E-05
1422	4 0 2 39	700.64	.3436E-01	.2217E-01	.1285E-01	.6449E-02	.2659E-02	.8279E-03
1423	3 0 0 25	701.03	.6978E-01	.5256E-01	.3668E-01	.2311E-01	.1266E-01	.5677E-02
1424	9 0 2 40	701.47	.1784E-02	.8479E-03	.3406E-03	.1092E-03	.2572E-04	.3898E-05
1425	3 1 0 25	701.47	.7699E-03	.5856E-03	.4132E-03	.2639E-03	.1469E-03	.6726E-04
1426	1 0 2 42	701.69	.5766E+00	.4775E+00	.3733E+00	.2701E+00	.1760E+00	.9864E-01
1427	15 0 2 16	701.99	.6204E-02	.3640E-02	.1882E-02	.8219E-03	.2847E-03	.7087E-04
1428	4 0 2 42	702.13	.2312E-01	.1430E-01	.7877E-02	.3716E-02	.1418E-02	.3995E-03
1429	9 0 2 41	702.31	.1564E-02	.7333E-03	.2896E-03	.9100E-04	.2089E-04	.3063E-05
1430	4 0 2 41	702.36	.2662E-01	.1671E-01	.9369E-02	.4516E-02	.1770E-02	.5165E-03
1431	3 0 0 23	702.63	.7758E-01	.5942E-01	.4231E-01	.2731E-01	.1542E-01	.7194E-02
1432	3 1 0 23	703.12	.8560E-03	.6621E-03	.4766E-03	.3119E-03	.1790E-03	.8524E-04
1433	9 0 2 42	703.15	.1366E-02	.6314E-03	.2451E-03	.7541E-04	.1686E-04	.2390E-05
1434	1 0 2 44	703.32	.4366E+00	.3510E+00	.2648E+00	.1835E+00	.1132E+00	.5919E-01
1435	15 0 2 18	703.56	.6063E-02	.3515E-02	.1792E-02	.7687E-03	.2605E-03	.6305E-04
1436	4 0 2 44	703.76	.1746E-01	.1048E-01	.5572E-02	.2516E-02	.9092E-03	.2389E-03
1437	9 0 2 43	704.00	.1188E-02	.5412E-03	.2064E-03	.6215E-04	.1353E-04	.1852E-05
1438	4 0 2 43	704.09	.2028E-01	.1237E-01	.6697E-02	.3094E-02	.1150E-02	.3135E-03
1439	3 0 0 21	704.23	.8439E-01	.6563E-01	.4759E-01	.3142E-01	.1825E-01	.8825E-02
1440	3 1 0 21	704.75	.9312E-03	.7313E-03	.5362E-03	.3588E-03	.2118E-03	.1046E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1441	9 0 2 44	704.84	.1029E-02	.4618E-03	.1730E-03	.5095E-04	.1079E-04	.1426E-05
1442	1 0 2 46	704.95	.3251E+00	.2534E+00	.1842E+00	.1220E+00	.7110E-01	.3456E-01
1443	15 0 2 20	705.14	.5778E-02	.3305E-02	.1658E-02	.6977E-03	.2308E-03	.5413E-04
1444	4 0 2 46	705.40	.1296E-01	.7545E-02	.3864E-02	.1667E-02	.5692E-03	.1390E-03
1445	9 0 2 45	705.69	.8880E-03	.3922E-03	.1443E-03	.4154E-04	.8552E-05	.1090E-05
1446	3 0 0 19	705.82	.8968E-01	.7072E-01	.5215E-01	.3514E-01	.2093E-01	.1046E-01
1447	4 0 2 45	705.83	.1520E-01	.8990E-02	.4694E-02	.2074E-02	.7295E-03	.1851E-03
1448	3 1 0 19	706.38	.9896E-03	.7880E-03	.5875E-03	.4013E-03	.2430E-03	.1240E-03
1449	9 0 2 46	706.54	.7629E-03	.3317E-03	.1197E-03	.3369E-04	.6739E-05	.8278E-06
1450	1 0 2 48	706.58	.2381E+00	.1796E+00	.1256E+00	.7933E-01	.4359E-01	.1963E-01
1451	15 0 2 22	706.71	.5380E-02	.3033E-02	.1495E-02	.6156E-03	.1982E-03	.4492E-04
1452	4 0 2 48	707.04	.9469E-02	.5335E-02	.2628E-02	.1081E-02	.3479E-03	.7872E-04
1453	9 0 2 47	707.39	.6527E-03	.2793E-03	.9888E-04	.2718E-04	.5278E-05	.6244E-06
1454	3 0 0 17	707.41	.9294E-01	.7422E-01	.5556E-01	.3813E-01	.2325E-01	.1197E-01
1455	4 0 2 47	707.58	.1120E-01	.6418E-02	.3226E-02	.1361E-02	.4517E-03	.1064E-03
1456	3 1 0 17	708.01	.1026E-02	.8271E-03	.6260E-03	.4355E-03	.2699E-03	.1418E-03
1457	1 0 2 50	708.22	.1715E+00	.1251E+00	.8401E-01	.5050E-01	.2609E-01	.1086E-01
1458	9 0 2 48	708.24	.5562E-03	.2341E-03	.8127E-04	.2181E-04	.4110E-05	.4678E-06
1459	15 0 2 24	708.29	.4900E-02	.2719E-02	.1314E-02	.5288E-03	.1653E-03	.3608E-04
1460	4 0 2 50	708.68	.6803E-02	.3706E-02	.1753E-02	.6865E-03	.2076E-03	.4339E-04
1461	3 0 0 15	709.00	.9372E-01	.7568E-01	.5742E-01	.4006E-01	.2493E-01	.1318E-01
1462	9 0 2 49	709.10	.4720E-03	.1954E-03	.6647E-04	.1740E-04	.3181E-05	.3481E-06
1463	4 0 2 49	709.34	.8119E-02	.4502E-02	.2175E-02	.8741E-03	.2730E-03	.5949E-04
1464	3 1 0 15	709.63	.1034E-02	.8434E-03	.6470E-03	.4576E-03	.2895E-03	.1562E-03
1465	1 0 2 52	709.86	.1215E+00	.8559E-01	.5512E-01	.3147E-01	.1525E-01	.5842E-02
1466	15 0 2 26	709.87	.4372E-02	.2383E-02	.1129E-02	.4426E-03	.1341E-03	.2808E-04
1467	9 0 2 50	709.95	.3989E-03	.1623E-03	.5411E-04	.1382E-04	.2448E-05	.2573E-06
1468	2 2 2 8	710.08	.1070E-03	.8935E-04	.7051E-04	.5161E-04	.3407E-04	.1942E-04
1469	8 0 0 38	710.22	.2718E-03	.1327E-03	.5503E-04	.1836E-04	.4541E-05	.7332E-06
1470	14 0 0 33	710.25	.1042E-03	.4173E-04	.1364E-04	.3399E-05	.5843E-06	.5908E-07
1471	4 0 2 52	710.32	.4809E-02	.2529E-02	.1147E-02	.4266E-03	.1210E-03	.2328E-04
1472	3 0 0 13	710.58	.9165E-01	.7474E-01	.5738E-01	.4061E-01	.2574E-01	.1393E-01
1473	8 0 0 39	710.79	.2407E-03	.1160E-03	.4733E-04	.1548E-04	.3738E-05	.5848E-06
1474	9 0 2 51	710.81	.3358E-03	.1343E-03	.4383E-04	.1091E-04	.1872E-05	.1889E-06
1475	2 2 2 9	710.81	.1168E-03	.9720E-04	.7643E-04	.5571E-04	.3658E-04	.2071E-04
1476	4 0 2 51	711.10	.5791E-02	.3102E-02	.1438E-02	.5496E-03	.1612E-03	.3239E-04
1477	3 1 0 13	711.23	.1011E-02	.8329E-03	.6466E-03	.4639E-03	.2988E-03	.1650E-03
1478	15 0 2 28	711.45	.3822E-02	.2045E-02	.9469E-03	.3613E-03	.1057E-03	.2119E-04
1479	1 0 2 54	711.50	.8470E-01	.5754E-01	.3547E-01	.1920E-01	.8703E-02	.3061E-02
1480	2 2 2 10	711.55	.1254E-03	.1040E-03	.8149E-04	.5911E-04	.3859E-04	.2168E-04
1481	9 0 2 52	711.67	.2815E-03	.1106E-03	.3534E-04	.8571E-05	.1424E-05	.1378E-06
1482	4 0 2 54	711.96	.3345E-02	.1696E-02	.7362E-03	.2596E-03	.6885E-04	.1216E-04
1483	8 0 0 36	711.97	.3436E-03	.1721E-03	.7359E-04	.2548E-04	.6606E-05	.1133E-05
1484	14 0 0 31	712.09	.1255E-03	.5136E-04	.1724E-04	.4438E-05	.7945E-06	.8462E-07
1485	3 0 0 11	712.17	.8648E-01	.7113E-01	.5516E-01	.3953E-01	.2545E-01	.1405E-01

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1486	2 2 2 11	712.29	.1328E-03	.1098E-03	.8565E-04	.6180E-04	.4009E-04	.2233E-04
1487	8 0 0 37	712.39	.3069E-03	.1518E-03	.6392E-04	.2173E-04	.5504E-05	.9162E-06
1488	9 0 2 53	712.53	.2350E-03	.9069E-04	.2836E-04	.6698E-05	.1076E-05	.9979E-07
1489	3 1 0 11	712.84	.9545E-03	.7927E-03	.6216E-03	.4516E-03	.2955E-03	.1665E-03
1490	4 0 2 53	712.87	.4063E-02	.2100E-02	.9328E-03	.3383E-03	.9292E-04	.1716E-04
1491	2 2 2 12	713.02	.1390E-03	.1145E-03	.8889E-04	.6378E-04	.4108E-04	.2268E-04
1492	15 0 2 30	713.03	.3278E-02	.1719E-02	.7769E-03	.2878E-03	.8118E-04	.1552E-04
1493	1 0 2 56	713.15	.5811E-01	.3801E-01	.2239E-01	.1147E-01	.4852E-02	.1561E-02
1494	9 0 2 54	713.39	.1955E-03	.7404E-04	.2265E-04	.5206E-05	.8088E-06	.7181E-07
1495	4 0 2 56	713.61	.2289E-02	.1118E-02	.4636E-03	.1546E-03	.3827E-04	.6181E-05
1496	8 0 0 34	713.70	.4267E-03	.2189E-03	.9639E-04	.3458E-04	.9373E-05	.1702E-05
1497	3 0 0 9	713.75	.7816E-01	.6474E-01	.5064E-01	.3667E-01	.2392E-01	.1343E-01
1498	2 2 2 13	713.76	.1440E-03	.1181E-03	.9123E-04	.6506E-04	.4158E-04	.2273E-04
1499	14 0 0 29	713.91	.1483E-03	.6196E-04	.2132E-04	.5658E-05	.1052E-05	.1177E-06
1500	8 0 0 35	713.99	.3844E-03	.1949E-03	.8458E-04	.2982E-04	.7907E-05	.1396E-05
1501	9 0 2 55	714.25	.1619E-03	.6019E-04	.1800E-04	.4026E-05	.6043E-06	.5133E-07
1502	3 1 0 9	714.43	.8627E-03	.7215E-03	.5707E-03	.4190E-03	.2777E-03	.1591E-03
1503	2 2 2 14	714.49	.1478E-03	.1207E-03	.9269E-04	.6566E-04	.4162E-04	.2251E-04
1504	15 0 2 32	714.61	.2758E-02	.1416E-02	.6236E-03	.2239E-03	.6071E-04	.1103E-04
1505	4 0 2 55	714.65	.2806E-02	.1397E-02	.5936E-03	.2039E-03	.5232E-04	.8855E-05
1506	1 0 2 58	714.79	.3922E-01	.2467E-01	.1387E-01	.6709E-02	.2642E-02	.7752E-03
1507	9 0 2 56	715.12	.1336E-03	.4872E-04	.1424E-04	.3096E-05	.4488E-06	.3645E-07
1508	2 2 2 15	715.23	.1503E-03	.1221E-03	.9329E-04	.6562E-04	.4123E-04	.2205E-04
1509	4 0 2 58	715.26	.1542E-02	.7238E-03	.2864E-03	.9022E-04	.2078E-04	.3060E-05
1510	3 0 0 7	715.32	.6680E-01	.5565E-01	.4383E-01	.3201E-01	.2110E-01	.1201E-01
1511	8 0 0 32	715.43	.5206E-03	.2733E-03	.1236E-03	.4587E-04	.1296E-04	.2484E-05
1512	8 0 0 33	715.58	.4731E-03	.2456E-03	.1096E-03	.4000E-04	.1107E-04	.2066E-05
1513	14 0 0 27	715.71	.1718E-03	.7320E-04	.2577E-04	.7038E-05	.1356E-05	.1588E-06
1514	3 0 1 70	715.84	.1185E-03	.4276E-04	.1234E-04	.2641E-05	.3754E-06	.2972E-07
1515	2 2 2 16	715.96	.1517E-03	.1226E-03	.9308E-04	.6498E-04	.4044E-04	.2137E-04
1516	3 1 0 7	716.02	.7374E-03	.6203E-03	.4940E-03	.3657E-03	.2450E-03	.1423E-03
1517	3 0 1 68	716.11	.1938E-03	.7329E-04	.2238E-04	.5135E-05	.7958E-06	.7043E-07
1518	15 0 2 34	716.19	.2279E-02	.1143E-02	.4900E-03	.1701E-03	.4424E-04	.7619E-05
1519	3 0 1 66	716.37	.3118E-03	.1235E-03	.3984E-04	.9778E-05	.1649E-05	.1626E-06
1520	4 0 2 57	716.43	.1907E-02	.9137E-03	.3706E-03	.1203E-03	.2878E-04	.4449E-05
1521	1 0 2 60	716.44	.2606E-01	.1574E-01	.8430E-02	.3843E-02	.1405E-02	.3749E-03
1522	3 0 1 64	716.62	.4939E-03	.2045E-03	.6961E-04	.1824E-04	.3336E-05	.3655E-06
1523	2 2 2 17	716.70	.1520E-03	.1222E-03	.9212E-04	.6380E-04	.3931E-04	.2050E-04
1524	3 0 1 62	716.87	.7701E-03	.3330E-03	.1194E-03	.3332E-04	.6598E-05	.8002E-06
1525	3 0 0 5	716.89	.5273E-01	.4412E-01	.3493E-01	.2568E-01	.1706E-01	.9812E-02
1526	4 0 2 60	716.92	.1022E-02	.4607E-03	.1737E-03	.5154E-04	.1102E-04	.1475E-05
1527	3 0 1 60	717.11	.1182E-02	.5328E-03	.2008E-03	.5960E-04	.1274E-04	.1706E-05
1528	8 0 0 30	717.14	.6236E-03	.3344E-03	.1553E-03	.5945E-04	.1747E-04	.3522E-05
1529	8 0 0 31	717.18	.5718E-03	.3035E-03	.1391E-03	.5244E-04	.1512E-04	.2972E-05
1530	3 0 1 58	717.34	.1785E-02	.8378E-03	.3315E-03	.1044E-03	.2405E-04	.3541E-05

LINE	BAND	CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1531	2 2 2 18		717.43	.1511E-03	.1208E-03	.9047E-04	.6212E-04	.3787E-04	.1949E-04
1532	14 0 0 25		717.50	.1952E-03	.8464E-04	.3045E-04	.8538E-05	.1700E-05	.2077E-06
1533	3 0 1 56		717.57	.2652E-02	.1295E-02	.5370E-03	.1791E-03	.4432E-04	.7157E-05
1534	3 1 0 5		717.61	.5820E-03	.4918E-03	.3937E-03	.2934E-03	.1981E-03	.1163E-03
1535	15 0 2 36		717.78	.1849E-02	.9055E-03	.3770E-03	.1263E-03	.3143E-04	.5113E-05
1536	3 0 1 54		717.79	.3878E-02	.1966E-02	.8533E-03	.3008E-03	.7977E-04	.1408E-04
1537	3 0 1 52		718.00	.5579E-02	.2933E-02	.1330E-02	.4946E-03	.1402E-03	.2697E-04
1538	3 1 1 48		718.05	.1211E-03	.6887E-04	.3429E-04	.1430E-04	.4674E-05	.1079E-05
1539	1 0 2 62		718.09	.1704E-01	.9871E-02	.5028E-02	.2156E-02	.7301E-03	.1765E-03
1540	2 2 2 19		718.16	.1494E-03	.1186E-03	.8820E-04	.6002E-04	.3618E-04	.1835E-04
1541	3 0 1 50		718.20	.7896E-02	.4300E-02	.2033E-02	.7960E-03	.2407E-03	.5028E-04
1542	4 0 2 59		718.22	.1275E-02	.5872E-03	.2271E-03	.6954E-04	.1546E-04	.2176E-05
1543	3 1 1 46		718.32	.1658E-03	.9740E-04	.5042E-04	.2205E-04	.7647E-05	.1906E-05
1544	3 0 1 48		718.40	.1099E-01	.6191E-02	.3048E-02	.1254E-02	.4033E-03	.9123E-04
1545	3 0 0 3		718.46	.3645E-01	.3059E-01	.2431E-01	.1795E-01	.1199E-01	.6946E-02
1546	4 0 2 62		718.57	.6667E-03	.2883E-03	.1033E-03	.2884E-04	.5711E-05	.6926E-06
1547	3 1 1 44		718.59	.2233E-03	.1353E-03	.7267E-04	.3326E-04	.1221E-04	.3273E-05
1548	3 0 1 46		718.59	.1505E-01	.8754E-02	.4481E-02	.1933E-02	.6596E-03	.1611E-03
1549	3 0 1 44		718.78	.2026E-01	.1216E-01	.6458E-02	.2915E-02	.1053E-02	.2766E-03
1550	8 0 0 29		718.78	.6786E-03	.3677E-03	.1728E-03	.6715E-04	.2011E-04	.4153E-05
1551	3 1 1 42		718.84	.2955E-03	.1845E-03	.1027E-03	.4908E-04	.1903E-04	.5469E-05
1552	8 0 0 28		718.85	.7332E-03	.4012E-03	.1908E-03	.7524E-04	.2295E-04	.4850E-05
1553	2 2 2 20		718.90	.1467E-03	.1157E-03	.8538E-04	.5756E-04	.3429E-04	.1713E-04
1554	3 0 1 42		718.95	.2681E-01	.1657E-01	.9124E-02	.4302E-02	.1641E-02	.4621E-03
1555	3 1 1 40		719.08	.3846E-03	.2469E-03	.1422E-03	.7084E-04	.2892E-04	.8888E-05
1556	3 0 1 40		719.12	.3489E-01	.2218E-01	.1263E-01	.6208E-02	.2494E-02	.7509E-03
1557	3 1 0 3		719.18	.4023E-03	.3409E-03	.2739E-03	.2051E-03	.1393E-03	.8232E-04
1558	14 0 0 23		719.27	.2170E-03	.9570E-04	.3513E-04	.1009E-04	.2072E-05	.2633E-06
1559	3 0 1 38		719.28	.4460E-01	.2913E-01	.1714E-01	.8761E-02	.3697E-02	.1186E-02
1560	3 1 1 38		719.32	.4918E-03	.3243E-03	.1929E-03	.9998E-04	.4288E-04	.1404E-04
1561	15 0 2 38		719.36	.1474E-02	.7036E-03	.2841E-03	.9169E-04	.2177E-04	.3335E-05
1562	3 0 1 36		719.43	.5603E-01	.3755E-01	.2277E-01	.1209E-01	.5345E-02	.1821E-02
1563	3 1 1 36		719.54	.6178E-03	.4180E-03	.2564E-03	.1379E-03	.6201E-04	.2156E-04
1564	3 0 1 34		719.58	.6913E-01	.4746E-01	.2963E-01	.1630E-01	.7534E-02	.2718E-02
1565	2 2 2 21		719.63	.1431E-03	.1122E-03	.8210E-04	.5480E-04	.3225E-04	.1585E-04
1566	3 0 1 32		719.72	.8374E-01	.5882E-01	.3774E-01	.2146E-01	.1035E-01	.3939E-02
1567	1 0 2 64		719.74	.1097E-01	.6085E-02	.2943E-02	.1184E-02	.3707E-03	.8097E-04
1568	3 1 1 34		719.75	.7623E-03	.5284E-03	.3336E-03	.1860E-03	.8741E-04	.3218E-04
1569	3 0 1 30		719.84	.9955E-01	.7144E-01	.4704E-01	.2761E-01	.1384E-01	.5544E-02
1570	3 1 1 32		719.95	.9235E-03	.6550E-03	.4250E-03	.2450E-03	.1201E-03	.4665E-04
1571	3 0 1 28		719.97	.1161E+00	.8499E-01	.5734E-01	.3466E-01	.1803E-01	.7571E-02
1572	4 0 2 61		720.02	.8392E-03	.3709E-03	.1365E-03	.3936E-04	.8116E-05	.1037E-05
1573	3 0 0 1		720.03	.1861E-01	.1565E-01	.1246E-01	.9222E-02	.6181E-02	.3594E-02
1574	3 0 1 26		720.08	.1327E+00	.9899E-01	.6830E-01	.4243E-01	.2285E-01	.1003E-01
1575	3 1 1 30		720.13	.1098E-02	.7956E-03	.5298E-03	.3152E-03	.1606E-03	.6566E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1576	3 0 1 24	720.18	.1486E+00	.1128E+00	.7945E-01	.5064E-01	.2815E-01	.1287E-01
1577	4 0 2 64	720.23	.4282E-03	.1773E-03	.6033E-04	.1580E-04	.2891E-05	.3167E-06
1578	3 0 1 22	720.28	.1628E+00	.1256E+00	.9017E-01	.5884E-01	.3368E-01	.1600E-01
1579	3 1 1 28	720.31	.1280E-02	.9467E-03	.6458E-03	.3957E-03	.2092E-03	.8968E-04
1580	3 0 1 20	720.37	.1743E+00	.1364E+00	.9972E-01	.6648E-01	.3910E-01	.1922E-01
1581	8 0 0 27	720.37	.7902E-03	.4365E-03	.2100E-03	.8397E-04	.2606E-04	.5634E-05
1582	3 0 1 18	720.45	.1821E+00	.1444E+00	.1073E+00	.7293E-01	.4395E-01	.2229E-01
1583	3 1 1 26	720.47	.1464E-02	.1103E-02	.7693E-03	.4845E-03	.2652E-03	.1188E-03
1584	3 0 1 16	720.52	.1852E+00	.1487E+00	.1120E+00	.7750E-01	.4773E-01	.2490E-01
1585	8 0 0 26	720.55	.8457E-03	.4715E-03	.2294E-03	.9296E-04	.2934E-04	.6482E-05
1586	3 0 1 14	720.59	.1829E+00	.1484E+00	.1132E+00	.7954E-01	.4995E-01	.2672E-01
1587	3 1 1 24	720.63	.1639E-02	.1256E-02	.8950E-03	.5782E-03	.3267E-03	.1525E-03
1588	3 0 1 12	720.64	.1745E+00	.1428E+00	.1102E+00	.7849E-01	.5013E-01	.2740E-01
1589	3 0 1 10	720.69	.1598E+00	.1318E+00	.1027E+00	.7398E-01	.4793E-01	.2669E-01
1590	3 0 1 8	720.73	.1389E+00	.1154E+00	.9055E-01	.6586E-01	.4318E-01	.2442E-01
1591	3 1 0 1	720.75	.2055E-03	.1744E-03	.1404E-03	.1054E-03	.7177E-04	.4260E-04
1592	3 0 1 6	720.76	.1124E+00	.9382E-01	.7409E-01	.5429E-01	.3593E-01	.2056E-01
1593	3 1 1 22	720.77	.1796E-02	.1399E-02	.1016E-02	.6719E-03	.3910E-03	.1895E-03
1594	3 0 1 4	720.79	.8108E-01	.6795E-01	.5390E-01	.3972E-01	.2647E-01	.1528E-01
1595	3 0 1 2	720.80	.4624E-01	.3885E-01	.3090E-01	.2285E-01	.1530E-01	.8880E-02
1596	3 1 1 20	720.90	.1923E-02	.1520E-02	.1123E-02	.7593E-03	.4538E-03	.2277E-03
1597	15 0 2 40	720.95	.1155E-02	.5366E-03	.2098E-03	.6508E-04	.1471E-04	.2115E-05
1598	3 1 1 18	721.01	.2009E-02	.1609E-02	.1209E-02	.8329E-03	.5102E-03	.2641E-03
1599	14 0 0 21	721.02	.2361E-03	.1057E-03	.3953E-04	.1161E-04	.2453E-05	.3231E-06
1600	3 1 1 16	721.12	.2044E-02	.1657E-02	.1262E-02	.8852E-03	.5542E-03	.2951E-03
1601	3 1 1 14	721.21	.2018E-02	.1653E-02	.1275E-02	.9085E-03	.5799E-03	.3166E-03
1602	3 1 1 12	721.29	.1925E-02	.1592E-02	.1242E-02	.8966E-03	.5821E-03	.3247E-03
1603	3 1 1 10	721.36	.1763E-02	.1469E-02	.1157E-02	.8451E-03	.5566E-03	.3163E-03
1604	1 0 2 66	721.40	.6947E-02	.3687E-02	.1691E-02	.6375E-03	.1839E-03	.3617E-04
1605	3 1 1 8	721.42	.1533E-02	.1286E-02	.1020E-02	.7524E-03	.5014E-03	.2894E-03
1606	3 1 1 6	721.47	.1240E-02	.1046E-02	.8350E-03	.6203E-03	.4173E-03	.2437E-03
1607	3 1 1 4	721.50	.8949E-03	.7573E-03	.6074E-03	.4537E-03	.3073E-03	.1811E-03
1608	3 1 1 2	721.52	.5104E-03	.4330E-03	.3483E-03	.2611E-03	.1776E-03	.1052E-03
1609	4 0 2 63	721.82	.5437E-03	.2303E-03	.8056E-04	.2182E-04	.4162E-05	.4811E-06
1610	4 0 2 66	721.89	.2707E-03	.1072E-03	.3457E-04	.8483E-05	.1430E-05	.1410E-06
1611	8 0 0 25	721.97	.9025E-03	.5076E-03	.2495E-03	.1025E-03	.3287E-04	.7415E-05
1612	8 0 0 24	722.23	.9565E-03	.5426E-03	.2695E-03	.1120E-03	.3652E-04	.8404E-05
1613	3 0 2 1	722.37	.9341E-02	.7852E-02	.6251E-02	.4627E-02	.3101E-02	.1803E-02
1614	15 0 2 42	722.54	.8892E-03	.4017E-03	.1518E-03	.4518E-04	.9699E-05	.1305E-05
1615	14 0 0 19	722.76	.2510E-03	.1139E-03	.4332E-04	.1299E-04	.2814E-05	.3832E-06
1616	1 0 2 68	723.06	.4333E-02	.2197E-02	.9532E-03	.3361E-03	.8913E-04	.1574E-04
1617	8 0 0 23	723.56	.1010E-02	.5778E-03	.2898E-03	.1219E-03	.4034E-04	.9465E-05
1618	4 0 2 65	723.64	.3468E-03	.1406E-03	.4665E-04	.1185E-04	.2086E-05	.2174E-06
1619	8 0 0 22	723.91	.1060E-02	.6110E-03	.3093E-03	.1317E-03	.4419E-04	.1056E-04
1620	3 0 2 3	723.92	.2757E-01	.2313E-01	.1838E-01	.1357E-01	.9064E-02	.5250E-02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1621	15 0 2 44	724.13	.6731E-03	.2952E-03	.1077E-03	.3069E-04	.6239E-05	.7829E-06
1622	14 0 0 17	724.47	.2602E-03	.1196E-03	.4616E-04	.1410E-04	.3126E-05	.4384E-06
1623	3 1 2 3	724.64	.3043E-03	.2578E-03	.2071E-03	.1550E-03	.1053E-03	.6222E-04
1624	1 0 2 70	724.72	.2660E-02	.1286E-02	.5275E-03	.1736E-03	.4222E-04	.6670E-05
1625	8 0 0 21	725.15	.1108E-02	.6433E-03	.3286E-03	.1414E-03	.4812E-04	.1171E-04
1626	4 0 2 70	725.22	.1032E-03	.3722E-04	.1074E-04	.2298E-05	.3265E-06	.2585E-07
1627	4 0 2 67	725.45	.2177E-03	.8436E-04	.2652E-04	.6303E-05	.1021E-05	.9571E-07
1628	3 0 2 5	725.48	.4453E-01	.3725E-01	.2948E-01	.2167E-01	.1439E-01	.8276E-02
1629	2 2 2 29	725.50	.9700E-04	.7120E-04	.4815E-04	.2919E-04	.1523E-04	.6415E-05
1630	8 0 0 20	725.58	.1150E-02	.6725E-03	.3465E-03	.1507E-03	.5196E-04	.1285E-04
1631	15 0 2 46	725.72	.5011E-03	.2131E-03	.7487E-04	.2039E-04	.3918E-05	.4570E-06
1632	14 0 0 15	726.17	.2624E-03	.1220E-03	.4771E-04	.1482E-04	.3353E-05	.4829E-06
1633	3 1 2 5	726.18	.4915E-03	.4151E-03	.3323E-03	.2475E-03	.1671E-03	.9808E-04
1634	2 2 2 30	726.23	.9035E-04	.6569E-04	.4391E-04	.2624E-04	.1345E-04	.5539E-05
1635	1 0 2 72	726.38	.1608E-02	.7408E-03	.2866E-03	.8782E-04	.1954E-04	.2754E-05
1636	8 0 0 19	726.74	.1188E-02	.6997E-03	.3635E-03	.1597E-03	.5574E-04	.1401E-04
1637	2 2 2 31	726.97	.8377E-04	.6030E-04	.3983E-04	.2346E-04	.1181E-04	.4749E-05
1638	3 0 2 7	727.03	.5952E-01	.4956E-01	.3902E-01	.2849E-01	.1877E-01	.1068E-01
1639	8 0 0 18	727.24	.1220E-02	.7229E-03	.3785E-03	.1678E-03	.5929E-04	.1514E-04
1640	4 0 2 69	727.28	.1346E-03	.4977E-04	.1479E-04	.3285E-05	.4887E-06	.4104E-07
1641	15 0 2 48	727.32	.3669E-03	.1510E-03	.5105E-04	.1326E-04	.2401E-05	.2596E-06
1642	2 2 2 32	727.70	.7731E-04	.5508E-04	.3593E-04	.2085E-04	.1030E-04	.4042E-05
1643	3 1 2 7	727.72	.6569E-03	.5524E-03	.4397E-03	.3255E-03	.2180E-03	.1266E-03
1644	14 0 0 13	727.86	.2566E-03	.1205E-03	.4768E-04	.1502E-04	.3462E-05	.5102E-06
1645	1 0 2 74	728.04	.9570E-03	.4194E-03	.1528E-03	.4353E-04	.8840E-05	.1108E-05
1646	8 0 0 17	728.33	.1246E-02	.7428E-03	.3918E-03	.1753E-03	.6262E-04	.1622E-04
1647	3 0 2 9	728.57	.7197E-01	.5959E-01	.4658E-01	.3372E-01	.2198E-01	.1234E-01
1648	8 0 0 16	728.89	.1263E-02	.7577E-03	.4024E-03	.1816E-03	.6557E-04	.1722E-04
1649	15 0 2 50	728.91	.2642E-03	.1052E-03	.3414E-04	.8442E-05	.1437E-05	.1435E-06
1650	4 0 2 71	729.11	.8190E-04	.2887E-04	.8102E-05	.1677E-05	.2285E-06	.1714E-07
1651	3 1 2 9	729.24	.7943E-03	.6640E-03	.5250E-03	.3852E-03	.2553E-03	.1462E-03
1652	14 0 0 11	729.52	.2422E-03	.1147E-03	.4585E-04	.1463E-04	.3423E-05	.5147E-06
1653	1 0 2 76	729.70	.5608E-03	.2335E-03	.8002E-04	.2114E-04	.3909E-05	.4341E-06
1654	8 0 0 15	729.91	.1274E-02	.7683E-03	.4107E-03	.1868E-03	.6813E-04	.1812E-04
1655	3 0 2 11	730.11	.8150E-01	.6699E-01	.5192E-01	.3720E-01	.2393E-01	.1321E-01
1656	15 0 2 52	730.51	.1872E-03	.7194E-04	.2239E-04	.5260E-05	.8397E-06	.7722E-07
1657	8 0 0 14	730.53	.1275E-02	.7731E-03	.4158E-03	.1906E-03	.7015E-04	.1889E-04
1658	3 1 2 11	730.76	.8995E-03	.7465E-03	.5851E-03	.4249E-03	.2779E-03	.1565E-03
1659	14 0 0 9	731.17	.2189E-03	.1044E-03	.4209E-04	.1357E-04	.3217E-05	.4920E-06
1660	1 0 2 78	731.37	.3236E-03	.1278E-03	.4113E-04	.1006E-04	.1689E-05	.1658E-06
1661	8 0 0 13	731.50	.1269E-02	.7726E-03	.4179E-03	.1929E-03	.7163E-04	.1950E-04
1662	3 0 2 13	731.65	.8791E-01	.7164E-01	.5496E-01	.3888E-01	.2463E-01	.1332E-01
1663	15 0 2 54	732.11	.1305E-03	.4835E-04	.1441E-04	.3208E-05	.4792E-06	.4045E-07
1664	8 0 0 12	732.16	.1252E-02	.7658E-03	.4165E-03	.1935E-03	.7243E-04	.1993E-04
1665	3 1 2 13	732.28	.9702E-03	.7984E-03	.6193E-03	.4441E-03	.2859E-03	.1579E-03

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1666	14 0 0 7	732.80	.1871E-03	.8972E-04	.3643E-04	.1184E-04	.2839E-05	.4401E-06
1667	1 0 2 80	733.04	.1839E-03	.6882E-04	.2076E-04	.4691E-05	.7136E-06	.6168E-07
1668	8 0 0 11	733.08	.1226E-02	.7532E-03	.4116E-03	.1923E-03	.7256E-04	.2016E-04
1669	3 0 2 15	733.19	.9120E-01	.7359E-01	.5579E-01	.3890E-01	.2420E-01	.1279E-01
1670	14 0 1 40	733.24	.9686E-04	.3545E-04	.1041E-04	.2276E-05	.3323E-06	.2723E-07
1671	14 0 1 38	733.73	.1239E-03	.4660E-04	.1413E-04	.3215E-05	.4931E-06	.4307E-07
1672	8 0 0 10	733.78	.1191E-02	.7342E-03	.4030E-03	.1894E-03	.7192E-04	.2016E-04
1673	3 1 2 15	733.79	.1006E-02	.8200E-03	.6286E-03	.4443E-03	.2809E-03	.1515E-03
1674	14 0 1 36	734.20	.1558E-03	.6010E-04	.1879E-04	.4438E-05	.7135E-06	.6619E-07
1675	14 0 0 5	734.41	.1477E-03	.7113E-04	.2904E-04	.9501E-05	.2295E-05	.3596E-06
1676	14 0 1 34	734.64	.1924E-03	.7603E-04	.2447E-04	.5989E-05	.1006E-05	.9886E-07
1677	8 0 0 9	734.66	.1146E-02	.7091E-03	.3908E-03	.1846E-03	.7054E-04	.1993E-04
1678	1 0 2 82	734.71	.1029E-03	.3644E-04	.1028E-04	.2143E-05	.2947E-06	.2236E-07
1679	3 0 2 17	734.72	.9156E-01	.7305E-01	.5463E-01	.3747E-01	.2283E-01	.1175E-01
1680	14 0 1 32	735.05	.2332E-03	.9429E-04	.3119E-04	.7894E-05	.1383E-05	.1434E-06
1681	3 1 2 17	735.28	.1010E-02	.8139E-03	.6156E-03	.4279E-03	.2650E-03	.1392E-03
1682	8 0 0 8	735.39	.1093E-02	.6780E-03	.3750E-03	.1779E-03	.6838E-04	.1946E-04
1683	14 0 1 30	735.45	.2774E-03	.1146E-03	.3890E-04	.1016E-04	.1852E-05	.2020E-06
1684	14 0 1 28	735.82	.3237E-03	.1364E-03	.4745E-04	.1276E-04	.2414E-05	.2760E-06
1685	14 0 0 3	736.01	.1021E-03	.4932E-04	.2021E-04	.6641E-05	.1613E-05	.2546E-06
1686	14 0 1 26	736.16	.3702E-03	.1590E-03	.5655E-04	.1564E-04	.3061E-05	.3659E-06
1687	8 0 0 7	736.23	.1031E-02	.6413E-03	.3559E-03	.1695E-03	.6548E-04	.1875E-04
1688	3 0 2 19	736.25	.8929E-01	.7034E-01	.5182E-01	.3489E-01	.2077E-01	.1037E-01
1689	14 0 1 24	736.48	.4147E-03	.1812E-03	.6582E-04	.1867E-04	.3773E-05	.4699E-06
1690	14 0 1 22	736.77	.4546E-03	.2019E-03	.7474E-04	.2171E-04	.4518E-05	.5843E-06
1691	3 1 2 19	736.78	.9852E-03	.7838E-03	.5838E-03	.3984E-03	.2411E-03	.1229E-03
1692	8 0 0 6	736.99	.9613E-03	.5995E-03	.3337E-03	.1595E-03	.6187E-04	.1782E-04
1693	14 0 1 20	737.04	.4869E-03	.2194E-03	.8269E-04	.2454E-04	.5246E-05	.7024E-06
1694	14 0 1 18	737.29	.5089E-03	.2324E-03	.8900E-04	.2693E-04	.5900E-05	.8151E-06
1695	14 0 1 16	737.51	.5179E-03	.2393E-03	.9297E-04	.2863E-04	.6411E-05	.9110E-06
1696	14 0 1 14	737.70	.5114E-03	.2389E-03	.9398E-04	.2939E-04	.6711E-05	.9777E-06
1697	3 0 2 21	737.77	.8483E-01	.6590E-01	.4774E-01	.3149E-01	.1827E-01	.8831E-02
1698	8 0 0 5	737.81	.8860E-03	.5537E-03	.3089E-03	.1481E-03	.5766E-04	.1669E-04
1699	14 0 1 12	737.87	.4881E-03	.2301E-03	.9152E-04	.2901E-04	.6737E-05	.1003E-05
1700	14 0 1 10	738.02	.4471E-03	.2124E-03	.8529E-04	.2735E-04	.6444E-05	.9774E-06
1701	14 0 1 8	738.14	.3888E-03	.1859E-03	.7524E-04	.2436E-04	.5807E-05	.8943E-06
1702	14 0 1 6	738.23	.3146E-03	.1512E-03	.6157E-04	.2008E-04	.4833E-05	.7534E-06
1703	3 1 2 21	738.26	.9360E-03	.7342E-03	.5378E-03	.3596E-03	.2121E-03	.1046E-03
1704	14 0 1 4	738.30	.2270E-03	.1095E-03	.4479E-04	.1469E-04	.3560E-05	.5599E-06
1705	14 0 1 2	738.34	.1295E-03	.6262E-04	.2569E-04	.8454E-05	.2058E-05	.3254E-06
1706	8 0 0 4	738.58	.8070E-03	.5052E-03	.2824E-03	.1357E-03	.5301E-04	.1540E-04
1707	8 0 1 49	738.68	.1113E-03	.4603E-04	.1565E-04	.4094E-05	.7478E-06	.8177E-07
1708	8 0 1 47	738.92	.1537E-03	.6571E-04	.2324E-04	.6382E-05	.1239E-05	.1464E-06
1709	8 0 1 45	739.14	.2088E-03	.9212E-04	.3384E-04	.9736E-05	.2003E-05	.2551E-06
1710	3 0 2 23	739.29	.7868E-01	.6019E-01	.4280E-01	.2760E-01	.1557E-01	.7260E-02

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1711	8 0 1 43	739.36	.2788E-03	.1268E-03	.4831E-04	.1453E-04	.3160E-05	.4324E-06
1712	8 0 0 3	739.38	.7290E-03	.4570E-03	.2559E-03	.1232E-03	.4825E-04	.1407E-04
1713	8 0 1 41	739.57	.3659E-03	.1713E-03	.6759E-04	.2121E-04	.4865E-05	.7129E-06
1714	3 1 2 23	739.74	.8680E-03	.6705E-03	.4822E-03	.3152E-03	.1808E-03	.8601E-04
1715	8 0 1 39	739.77	.4721E-03	.2272E-03	.9267E-04	.3029E-04	.7307E-05	.1143E-05
1716	8 0 1 37	739.96	.5985E-03	.2957E-03	.1245E-03	.4227E-04	.1070E-04	.1780E-05
1717	8 0 1 35	740.14	.7452E-03	.3775E-03	.1637E-03	.5767E-04	.1528E-04	.2696E-05
1718	8 0 0 2	740.16	.6643E-03	.4169E-03	.2337E-03	.1127E-03	.4421E-04	.1292E-04
1719	8 0 1 33	740.31	.9112E-03	.4726E-03	.2108E-03	.7687E-04	.2127E-04	.3967E-05
1720	8 0 1 31	740.47	.1094E-02	.5799E-03	.2656E-03	.1001E-03	.2884E-04	.5667E-05
1721	8 0 1 29	740.63	.1288E-02	.6971E-03	.3274E-03	.1272E-03	.3807E-04	.7858E-05
1722	8 0 1 27	740.77	.1487E-02	.8207E-03	.3946E-03	.1577E-03	.4892E-04	.1057E-04
1723	3 0 2 25	740.81	.7134E-01	.5367E-01	.3741E-01	.2354E-01	.1288E-01	.5773E-02
1724	8 0 1 25	740.90	.1682E-02	.9453E-03	.4644E-03	.1906E-03	.6113E-04	.1378E-04
1725	8 0 1 23	741.03	.1862E-02	.1064E-02	.5336E-03	.2244E-03	.7421E-04	.1741E-04
1726	8 0 1 50	741.10	.9449E-04	.3841E-04	.1279E-04	.3264E-05	.5778E-06	.6070E-07
1727	8 0 1 48	741.13	.1315E-03	.5531E-04	.1918E-04	.5142E-05	.9685E-06	.1102E-06
1728	8 0 1 21	741.14	.2016E-02	.1170E-02	.5976E-03	.2571E-03	.8744E-04	.2127E-04
1729	8 0 1 46	741.17	.1801E-03	.7823E-04	.2820E-04	.7929E-05	.1585E-05	.1945E-06
1730	8 0 1 44	741.20	.2425E-03	.1086E-03	.4065E-04	.1196E-04	.2530E-05	.3342E-06
1731	3 1 2 25	741.21	.7870E-03	.5979E-03	.4214E-03	.2688E-03	.1495E-03	.6839E-04
1732	8 0 1 42	741.24	.3210E-03	.1481E-03	.5744E-04	.1765E-04	.3943E-05	.5586E-06
1733	8 0 1 19	741.24	.2131E-02	.1255E-02	.6515E-03	.2861E-03	.9983E-04	.2509E-04
1734	8 0 1 40	741.28	.4176E-03	.1982E-03	.7953E-04	.2548E-04	.5995E-05	.9077E-06
1735	8 0 1 38	741.31	.5339E-03	.2604E-03	.1079E-03	.3596E-04	.8889E-05	.1434E-05
1736	8 0 1 17	741.34	.2195E-02	.1309E-02	.6900E-03	.3086E-03	.1102E-03	.2854E-04
1737	8 0 1 36	741.35	.6706E-03	.3356E-03	.1434E-03	.4961E-04	.1285E-04	.2203E-05
1738	8 0 1 34	741.38	.8274E-03	.4241E-03	.1866E-03	.6689E-04	.1812E-04	.3287E-05
1739	8 0 1 32	741.42	.1002E-02	.5256E-03	.2376E-03	.8810E-04	.2488E-04	.4765E-05
1740	8 0 1 15	741.42	.2197E-02	.1325E-02	.7079E-03	.3219E-03	.1174E-03	.3121E-04
1741	14 0 2 3	741.44	.7718E-04	.3728E-04	.1527E-04	.5019E-05	.1219E-05	.1923E-06
1742	8 0 1 30	741.45	.1191E-02	.6383E-03	.2961E-03	.1133E-03	.3329E-04	.6707E-05
1743	8 0 1 28	741.48	.1389E-02	.7593E-03	.3609E-03	.1422E-03	.4335E-04	.9159E-05
1744	8 0 1 13	741.50	.2129E-02	.1296E-02	.7009E-03	.3234E-03	.1201E-03	.3268E-04
1745	8 0 1 26	741.51	.1587E-02	.8841E-03	.4298E-03	.1741E-03	.5493E-04	.1213E-04
1746	8 0 1 24	741.54	.1776E-02	.1007E-02	.4998E-03	.2077E-03	.6765E-04	.1557E-04
1747	8 0 1 11	741.56	.1984E-02	.1218E-02	.6655E-03	.3109E-03	.1173E-03	.3257E-04
1748	8 0 1 22	741.57	.1945E-02	.1120E-02	.5669E-03	.2412E-03	.8092E-04	.1933E-04
1749	8 0 1 20	741.60	.2081E-02	.1216E-02	.6265E-03	.2723E-03	.9386E-04	.2322E-04
1750	8 0 1 9	741.61	.1761E-02	.1089E-02	.6001E-03	.2833E-03	.1083E-03	.3058E-04
1751	8 0 1 18	741.62	.2172E-02	.1287E-02	.6733E-03	.2985E-03	.1054E-03	.2690E-04
1752	8 0 1 16	741.64	.2206E-02	.1322E-02	.7021E-03	.3167E-03	.1143E-03	.3001E-04
1753	8 0 1 7	741.66	.1461E-02	.9091E-03	.5044E-03	.2402E-03	.9277E-04	.2657E-04
1754	8 0 1 14	741.66	.2173E-02	.1317E-02	.7080E-03	.3244E-03	.1194E-03	.3213E-04
1755	8 0 1 12	741.68	.2066E-02	.1264E-02	.6870E-03	.3191E-03	.1194E-03	.3285E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1756	8 0 1 5	741.69	.1089E-02	.6806E-03	.3797E-03	.1820E-03	.7086E-04	.2051E-04
1757	8 0 1 10	741.69	.1882E-02	.1160E-02	.6367E-03	.2991E-03	.1136E-03	.3183E-04
1758	8 0 1 8	741.71	.1620E-02	.1005E-02	.5560E-03	.2637E-03	.1013E-03	.2884E-04
1759	8 0 1 3	741.71	.6401E-03	.4012E-03	.2247E-03	.1082E-03	.4236E-04	.1235E-04
1760	8 0 1 6	741.72	.1284E-02	.8008E-03	.4457E-03	.2130E-03	.8261E-04	.2379E-04
1761	8 0 1 4	741.72	.8756E-03	.5481E-03	.3064E-03	.1472E-03	.5750E-04	.1671E-04
1762	8 0 1 2	741.73	.3699E-03	.2321E-03	.1301E-03	.6275E-04	.2462E-04	.7193E-05
1763	3 0 2 27	742.32	.6332E-01	.4678E-01	.3191E-01	.1955E-01	.1035E-01	.4446E-02
1764	3 1 2 27	742.68	.6985E-03	.5211E-03	.3594E-03	.2233E-03	.1201E-03	.5266E-04
1765	14 0 2 5	742.96	.1246E-03	.6003E-04	.2450E-04	.8014E-05	.1936E-05	.3032E-06
1766	3 0 2 29	743.83	.5506E-01	.3990E-01	.2659E-01	.1583E-01	.8089E-02	.3319E-02
1767	8 0 2 2	744.06	.7425E-04	.4658E-04	.2611E-04	.1259E-04	.4939E-05	.1443E-05
1768	3 1 2 29	744.13	.6073E-03	.4444E-03	.2994E-03	.1808E-03	.9387E-04	.3931E-04
1769	14 0 2 7	744.45	.1666E-03	.7986E-04	.3242E-04	.1054E-04	.2524E-05	.3913E-06
1770	8 0 2 3	744.86	.1654E-03	.1036E-03	.5803E-04	.2794E-04	.1094E-04	.3188E-05
1771	3 0 2 31	745.34	.4694E-01	.3332E-01	.2165E-01	.1251E-01	.6151E-02	.2403E-02
1772	12 0 0 15	745.52	.7043E-04	.3172E-04	.1195E-04	.3543E-05	.7572E-06	.1013E-06
1773	3 1 2 31	745.58	.5178E-03	.3710E-03	.2438E-03	.1428E-03	.7138E-04	.2846E-04
1774	8 0 2 4	745.61	.2609E-03	.1633E-03	.9129E-04	.4386E-04	.1713E-04	.4977E-05
1775	14 0 2 9	745.93	.2014E-03	.9599E-04	.3869E-04	.1247E-04	.2956E-05	.4519E-06
1776	12 0 0 14	746.33	.7105E-04	.3217E-04	.1219E-04	.3643E-05	.7857E-06	.1064E-06
1777	8 0 2 5	746.42	.3561E-03	.2225E-03	.1241E-03	.5947E-04	.2316E-04	.6701E-05
1778	3 0 2 33	746.85	.3927E-01	.2726E-01	.1725E-01	.9646E-02	.4555E-02	.1689E-02
1779	3 1 2 33	747.03	.4330E-03	.3035E-03	.1942E-03	.1101E-03	.5285E-04	.2000E-04
1780	12 0 0 13	747.14	.7125E-04	.3241E-04	.1235E-04	.3717E-05	.8089E-06	.1108E-06
1781	8 0 2 6	747.14	.4481E-03	.2794E-03	.1555E-03	.7428E-04	.2881E-04	.8297E-05
1782	14 0 2 11	747.39	.2280E-03	.1079E-03	.4312E-04	.1375E-04	.3217E-05	.4836E-06
1783	12 0 0 12	747.94	.7101E-04	.3245E-04	.1243E-04	.3765E-05	.8261E-06	.1143E-06
1784	8 0 2 7	747.97	.5354E-03	.3330E-03	.1847E-03	.8796E-04	.3397E-04	.9726E-05
1785	3 0 2 35	748.35	.3224E-01	.2186E-01	.1345E-01	.7265E-02	.3286E-02	.1153E-02
1786	3 1 2 35	748.46	.3555E-03	.2433E-03	.1514E-03	.8292E-04	.3812E-04	.1365E-04
1787	8 0 2 8	748.66	.6163E-03	.3823E-03	.2114E-03	.1002E-03	.3852E-04	.1096E-04
1788	12 0 0 11	748.75	.7032E-04	.3226E-04	.1242E-04	.3785E-05	.8367E-06	.1169E-06
1789	14 0 2 13	748.84	.2459E-03	.1154E-03	.4563E-04	.1437E-04	.3310E-05	.4876E-06
1790	8 0 2 9	749.53	.6904E-03	.4269E-03	.2352E-03	.1110E-03	.4242E-04	.1198E-04
1791	12 0 0 10	749.55	.6919E-04	.3186E-04	.1232E-04	.3776E-05	.8403E-06	.1185E-06
1792	3 0 2 37	749.84	.2599E-01	.1719E-01	.1026E-01	.5346E-02	.2310E-02	.7644E-03
1793	3 1 2 37	749.89	.2865E-03	.1913E-03	.1155E-03	.6101E-04	.2680E-04	.9050E-05
1794	10 0 0 98	750.00	.7383E-04	.3566E-04	.1460E-04	.4798E-05	.1165E-05	.1838E-06
1795	8 0 2 10	750.18	.7563E-03	.4661E-03	.2557E-03	.1201E-03	.4560E-04	.1278E-04
1796	14 0 2 15	750.26	.2550E-03	.1185E-03	.4631E-04	.1437E-04	.3251E-05	.4679E-06
1797	12 0 0 9	750.35	.6762E-04	.3125E-04	.1214E-04	.3736E-05	.8368E-06	.1189E-06
1798	8 0 2 11	751.08	.8141E-03	.4998E-03	.2730E-03	.1275E-03	.4808E-04	.1335E-04
1799	12 0 0 8	751.14	.6566E-04	.3043E-04	.1186E-04	.3669E-05	.8263E-06	.1183E-06
1800	3 1 2 39	751.32	.2269E-03	.1476E-03	.8635E-04	.4388E-04	.1837E-04	.5831E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1801	3 0 2 39	751.34	.2058E-01	.1326E-01	.7670E-02	.3845E-02	.1584E-02	.4926E-03
1802	14 0 2 17	751.67	.2559E-03	.1176E-03	.4534E-04	.1384E-04	.3066E-05	.4298E-06
1803	8 0 2 12	751.68	.8628E-03	.5275E-03	.2867E-03	.1331E-03	.4982E-04	.1370E-04
1804	12 0 0 7	751.94	.6334E-04	.2944E-04	.1151E-04	.3575E-05	.8092E-06	.1166E-06
1805	8 0 2 13	752.63	.9030E-03	.5496E-03	.2971E-03	.1370E-03	.5087E-04	.1385E-04
1806	3 1 2 41	752.73	.1765E-03	.1117E-03	.6322E-04	.3085E-04	.1228E-04	.3653E-05
1807	12 0 0 6	752.74	.6077E-04	.2831E-04	.1110E-04	.3460E-05	.7866E-06	.1140E-06
1808	3 0 2 41	752.83	.1601E-01	.1003E-01	.5616E-02	.2704E-02	.1059E-02	.3086E-03
1809	14 0 2 19	753.05	.2495E-03	.1132E-03	.4299E-04	.1288E-04	.2789E-05	.3795E-06
1810	8 0 2 14	753.17	.9336E-03	.5655E-03	.3040E-03	.1392E-03	.5123E-04	.1379E-04
1811	12 0 0 5	753.53	.5808E-04	.2711E-04	.1066E-04	.3331E-05	.7602E-06	.1107E-06
1812	6 0 0 48	754.01	.2251E-04	.9683E-05	.3450E-05	.9563E-06	.1878E-06	.2254E-07
1813	3 1 2 43	754.15	.1349E-03	.8295E-04	.4535E-04	.2121E-04	.8006E-05	.2225E-05
1814	8 0 2 15	754.17	.9560E-03	.5761E-03	.3078E-03	.1399E-03	.5100E-04	.1356E-04
1815	3 0 2 43	754.31	.1224E-01	.7453E-02	.4030E-02	.1859E-02	.6904E-03	.1880E-03
1816	12 0 0 4	754.32	.5555E-04	.2597E-04	.1023E-04	.3206E-05	.7339E-06	.1073E-06
1817	14 0 2 21	754.42	.2370E-03	.1060E-03	.3959E-04	.1162E-04	.2452E-05	.3229E-06
1818	8 0 2 16	754.65	.9690E-03	.5808E-03	.3082E-03	.1390E-03	.5016E-04	.1317E-04
1819	12 0 0 3	755.11	.5377E-04	.2518E-04	.9934E-05	.3119E-05	.7157E-06	.1050E-06
1820	6 0 0 46	755.55	.3082E-04	.1369E-04	.5070E-05	.1473E-05	.3070E-06	.3976E-07
1821	3 1 2 45	755.55	.1014E-03	.6049E-04	.3189E-04	.1427E-04	.5094E-05	.1318E-05
1822	8 0 2 17	755.72	.9745E-03	.5807E-03	.3060E-03	.1368E-03	.4885E-04	.1265E-04
1823	12 0 1 45	755.76	.1019E-04	.3355E-05	.8679E-06	.1626E-06	.1958E-07	.1253E-08
1824	14 0 2 23	755.78	.2197E-03	.9677E-04	.3548E-04	.1019E-04	.2090E-05	.2654E-06
1825	3 0 2 45	755.80	.9203E-02	.5435E-02	.2834E-02	.1251E-02	.4393E-03	.1114E-03
1826	12 0 1 44	755.84	.1180E-04	.3946E-05	.1040E-05	.1993E-06	.2468E-07	.1638E-08
1827	12 0 1 43	755.91	.1361E-04	.4619E-05	.1239E-05	.2429E-06	.3092E-07	.2126E-08
1828	12 0 1 42	755.98	.1562E-04	.5383E-05	.1470E-05	.2943E-06	.3849E-07	.2740E-08
1829	12 0 1 41	756.05	.1787E-04	.6244E-05	.1735E-05	.3547E-06	.4763E-07	.3507E-08
1830	12 0 1 40	756.11	.2034E-04	.7209E-05	.2037E-05	.4251E-06	.5856E-07	.4457E-08
1831	8 0 2 18	756.12	.9713E-03	.5752E-03	.3009E-03	.1333E-03	.4707E-04	.1201E-04
1832	12 0 1 39	756.18	.2305E-04	.8284E-05	.2379E-05	.5066E-06	.7156E-07	.5624E-08
1833	12 0 1 38	756.24	.2602E-04	.9473E-05	.2765E-05	.6003E-06	.8690E-07	.7047E-08
1834	12 0 1 37	756.30	.2923E-04	.1078E-04	.3196E-05	.7074E-06	.1049E-06	.8768E-08
1835	12 0 1 36	756.36	.3269E-04	.1221E-04	.3676E-05	.8287E-06	.1257E-06	.1083E-07
1836	12 0 1 35	756.42	.3640E-04	.1377E-04	.4205E-05	.9653E-06	.1498E-06	.1328E-07
1837	12 0 1 34	756.48	.4034E-04	.1544E-04	.4784E-05	.1118E-05	.1773E-06	.1617E-07
1838	12 0 1 33	756.54	.4450E-04	.1723E-04	.5415E-05	.1287E-05	.2085E-06	.1955E-07
1839	12 0 1 32	756.59	.4887E-04	.1914E-04	.6095E-05	.1473E-05	.2436E-06	.2346E-07
1840	12 0 1 31	756.64	.5340E-04	.2115E-04	.6824E-05	.1675E-05	.2828E-06	.2794E-07
1841	12 0 1 30	756.70	.5808E-04	.2324E-04	.7597E-05	.1894E-05	.3260E-06	.3302E-07
1842	12 0 1 29	756.74	.6287E-04	.2542E-04	.8410E-05	.2129E-05	.3733E-06	.3874E-07
1843	12 0 1 28	756.79	.6771E-04	.2765E-04	.9257E-05	.2378E-05	.4246E-06	.4510E-07
1844	12 0 1 27	756.84	.7255E-04	.2991E-04	.1013E-04	.2639E-05	.4796E-06	.5211E-07
1845	12 0 1 26	756.88	.7735E-04	.3218E-04	.1102E-04	.2910E-05	.5379E-06	.5973E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1846	12 0 1 25	756.93	.8202E-04	.3443E-04	.1192E-04	.3188E-05	.5990E-06	.6792E-07
1847	3 1 2 47	756.95	.7496E-04	.4331E-04	.2198E-04	.9388E-05	.3163E-05	.7596E-06
1848	12 0 1 24	756.97	.8652E-04	.3663E-04	.1281E-04	.3470E-05	.6622E-06	.7662E-07
1849	12 0 1 23	757.01	.9075E-04	.3874E-04	.1368E-04	.3751E-05	.7267E-06	.8573E-07
1850	12 0 1 22	757.05	.9465E-04	.4073E-04	.1452E-04	.4027E-05	.7915E-06	.9511E-07
1851	12 0 1 21	757.08	.9814E-04	.4255E-04	.1531E-04	.4292E-05	.8553E-06	.1046E-06
1852	6 0 0 44	757.09	.4148E-04	.1900E-04	.7304E-05	.2221E-05	.4897E-06	.6822E-07
1853	14 0 2 25	757.11	.1991E-03	.8626E-04	.3100E-04	.8683E-05	.1728E-05	.2109E-06
1854	12 0 1 20	757.12	.1011E-03	.4416E-04	.1603E-04	.4542E-05	.9170E-06	.1141E-06
1855	12 0 1 19	757.15	.1036E-03	.4554E-04	.1666E-04	.4769E-05	.9751E-06	.1233E-06
1856	12 0 1 18	757.18	.1054E-03	.4662E-04	.1719E-04	.4968E-05	.1028E-05	.1320E-06
1857	12 0 1 17	757.21	.1064E-03	.4739E-04	.1760E-04	.5133E-05	.1074E-05	.1399E-06
1858	12 0 1 16	757.24	.1067E-03	.4779E-04	.1788E-04	.5258E-05	.1112E-05	.1469E-06
1859	8 0 2 19	757.26	.9619E-03	.5659E-03	.2937E-03	.1289E-03	.4498E-04	.1130E-04
1860	12 0 1 15	757.27	.1062E-03	.4780E-04	.1800E-04	.5336E-05	.1140E-05	.1525E-06
1861	3 0 2 47	757.28	.6802E-02	.3892E-02	.1954E-02	.8230E-03	.2728E-03	.6419E-04
1862	12 0 1 14	757.29	.1047E-03	.4738E-04	.1795E-04	.5362E-05	.1156E-05	.1566E-06
1863	12 0 1 13	757.32	.1023E-03	.4651E-04	.1772E-04	.5332E-05	.1160E-05	.1588E-06
1864	12 0 1 12	757.34	.9889E-04	.4517E-04	.1730E-04	.5240E-05	.1149E-05	.1590E-06
1865	12 0 1 11	757.36	.9449E-04	.4334E-04	.1669E-04	.5083E-05	.1123E-05	.1570E-06
1866	12 0 1 10	757.38	.8907E-04	.4101E-04	.1586E-04	.4857E-05	.1081E-05	.1524E-06
1867	12 0 1 9	757.39	.8261E-04	.3816E-04	.1482E-04	.4562E-05	.1022E-05	.1452E-06
1868	12 0 1 8	757.41	.7509E-04	.3480E-04	.1356E-04	.4194E-05	.9445E-06	.1352E-06
1869	12 0 1 7	757.42	.6651E-04	.3091E-04	.1208E-04	.3752E-05	.8492E-06	.1224E-06
1870	12 0 1 6	757.43	.5682E-04	.2646E-04	.1038E-04	.3233E-05	.7351E-06	.1065E-06
1871	12 0 1 5	757.44	.4590E-04	.2142E-04	.8421E-05	.2632E-05	.6005E-06	.8743E-07
1872	12 0 1 4	757.45	.3348E-04	.1565E-04	.6166E-05	.1932E-05	.4422E-06	.6465E-07
1873	12 0 1 3	757.46	.1888E-04	.8841E-05	.3488E-05	.1095E-05	.2513E-06	.3685E-07
1874	8 0 2 20	757.58	.9446E-03	.5520E-03	.2842E-03	.1235E-03	.4254E-04	.1052E-04
1875	3 1 2 49	758.34	.5448E-04	.3045E-04	.1486E-04	.6045E-05	.1917E-05	.4259E-06
1876	14 0 2 27	758.43	.1767E-03	.7516E-04	.2643E-04	.7210E-05	.1388E-05	.1624E-06
1877	6 0 0 42	758.64	.5488E-04	.2589E-04	.1031E-04	.3274E-05	.7622E-06	.1139E-06
1878	3 0 2 49	758.75	.4944E-02	.2737E-02	.1320E-02	.5300E-03	.1654E-03	.3600E-04
1879	8 0 2 21	758.80	.9226E-03	.5353E-03	.2732E-03	.1175E-03	.3994E-04	.9711E-05
1880	8 0 2 22	759.04	.8941E-03	.5148E-03	.2604E-03	.1107E-03	.3714E-04	.8871E-05
1881	3 1 2 51	759.72	.3894E-04	.2103E-04	.9845E-05	.3809E-05	.1134E-05	.2324E-06
1882	14 0 2 29	759.73	.1536E-03	.6407E-04	.2201E-04	.5836E-05	.1084E-05	.1212E-06
1883	6 0 0 40	760.19	.7136E-04	.3463E-04	.1427E-04	.4722E-05	.1157E-05	.1848E-06
1884	3 0 2 51	760.23	.3535E-02	.1891E-02	.8752E-03	.3340E-03	.9786E-04	.1965E-04
1885	8 0 2 23	760.33	.8624E-03	.4927E-03	.2469E-03	.1038E-03	.3430E-04	.8044E-05
1886	8 0 2 24	760.48	.8255E-03	.4678E-03	.2321E-03	.9639E-04	.3139E-04	.7219E-05
1887	14 0 2 31	761.01	.1309E-03	.5347E-04	.1792E-04	.4608E-05	.8240E-06	.8769E-07
1888	3 1 2 53	761.10	.2738E-04	.1427E-04	.6399E-05	.2349E-05	.6553E-06	.1234E-06
1889	12 0 2 4	761.37	.6414E-05	.2998E-05	.1181E-05	.3700E-06	.8468E-07	.1238E-07
1890	3 0 2 53	761.70	.2486E-02	.1283E-02	.5689E-03	.2060E-03	.5654E-04	.1043E-04

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1891	6 0 0 38	761.74	.9118E-04	.4545E-04	.1934E-04	.6657E-05	.1714E-05	.2915E-06
1892	8 0 2 25	761.87	.7871E-03	.4422E-03	.2171E-03	.8906E-04	.2855E-04	.6436E-05
1893	8 0 2 26	761.91	.7447E-03	.4147E-03	.2015E-03	.8157E-04	.2573E-04	.5679E-05
1894	12 0 2 5	762.14	.1050E-04	.4901E-05	.1926E-05	.6020E-06	.1373E-06	.2000E-07
1895	14 0 2 33	762.27	.1094E-03	.4373E-04	.1427E-04	.3552E-05	.6098E-06	.6160E-07
1896	3 1 2 55	762.48	.1894E-04	.9511E-05	.4080E-05	.1419E-05	.3697E-06	.6381E-07
1897	12 0 2 6	762.92	.1468E-04	.6839E-05	.2681E-05	.8353E-06	.1899E-06	.2751E-07
1898	3 0 2 55	763.17	.1720E-02	.8551E-03	.3628E-03	.1244E-03	.3190E-04	.5395E-05
1899	6 0 0 36	763.30	.1144E-03	.5852E-04	.2567E-04	.9173E-05	.2475E-05	.4470E-06
1900	8 0 2 28	763.33	.6573E-03	.3592E-03	.1706E-03	.6720E-04	.2048E-04	.4325E-05
1901	8 0 2 27	763.40	.7023E-03	.3875E-03	.1862E-03	.7436E-04	.2306E-04	.4981E-05
1902	14 0 2 35	763.52	.8978E-04	.3505E-04	.1112E-04	.2674E-05	.4397E-06	.4202E-07
1903	12 0 2 7	763.69	.1879E-04	.8731E-05	.3413E-05	.1060E-05	.2398E-06	.3455E-07
1904	3 1 2 57	763.85	.1289E-04	.6229E-05	.2551E-05	.8386E-06	.2037E-06	.3211E-07
1905	12 0 2 8	764.46	.2272E-04	.1053E-04	.4101E-05	.1268E-05	.2855E-06	.4087E-07
1906	3 0 2 57	764.63	.1171E-02	.5602E-03	.2269E-03	.7357E-04	.1758E-04	.2715E-05
1907	8 0 2 30	764.74	.5682E-03	.3043E-03	.1411E-03	.5395E-04	.1584E-04	.3191E-05
1908	14 0 2 37	764.75	.7234E-04	.2754E-04	.8481E-05	.1966E-05	.3090E-06	.2785E-07
1909	6 0 0 34	764.85	.1411E-03	.7389E-04	.3336E-04	.1235E-04	.3483E-05	.6660E-06
1910	8 0 2 29	764.93	.6135E-03	.3319E-03	.1558E-03	.6047E-04	.1810E-04	.3733E-05
1911	3 1 2 59	765.21	.8633E-05	.4009E-05	.1566E-05	.4854E-06	.1096E-06	.1573E-07
1912	12 0 2 9	765.22	.2638E-04	.1219E-04	.4731E-05	.1456E-05	.3260E-06	.4632E-07
1913	14 0 2 39	765.96	.5725E-04	.2123E-04	.6335E-05	.1414E-05	.2117E-06	.1794E-07
1914	12 0 2 10	765.99	.2973E-04	.1368E-04	.5291E-05	.1620E-05	.3605E-06	.5081E-07
1915	3 0 2 59	766.10	.7840E-03	.3606E-03	.1392E-03	.4259E-04	.9460E-05	.1331E-05
1916	8 0 2 32	766.14	.4814E-03	.2523E-03	.1140E-03	.4224E-04	.1192E-04	.2283E-05
1917	6 0 0 32	766.41	.1706E-03	.9144E-04	.4243E-04	.1624E-04	.4776E-05	.9635E-06
1918	8 0 2 31	766.46	.5250E-03	.2782E-03	.1274E-03	.4795E-04	.1381E-04	.2713E-05
1919	3 1 2 61	766.57	.5689E-05	.2535E-05	.9425E-06	.2751E-06	.5760E-07	.7506E-08
1920	12 0 2 11	766.75	.3272E-04	.1500E-04	.5775E-05	.1759E-05	.3886E-06	.5429E-07
1921	14 0 2 41	767.15	.4452E-04	.1606E-04	.4636E-05	.9934E-06	.1414E-06	.1123E-07
1922	12 0 2 12	767.52	.3532E-04	.1613E-04	.6178E-05	.1870E-05	.4101E-06	.5675E-07
1923	8 0 2 34	767.53	.4000E-03	.2049E-03	.9007E-04	.3227E-04	.8736E-05	.1585E-05
1924	3 0 2 61	767.56	.5168E-03	.2281E-03	.8384E-04	.2414E-04	.4973E-05	.6349E-06
1925	3 1 2 63	767.92	.3690E-05	.1576E-05	.5568E-06	.1527E-06	.2958E-07	.3487E-08
1926	6 0 0 30	767.98	.2025E-03	.1109E-03	.5279E-04	.2085E-04	.6377E-05	.1353E-05
1927	8 0 2 33	767.99	.4406E-03	.2283E-03	.1018E-03	.3709E-04	.1026E-04	.1912E-05
1928	12 0 2 13	768.28	.3752E-04	.1706E-04	.6498E-05	.1954E-05	.4251E-06	.5820E-07
1929	14 0 2 43	768.32	.3402E-04	.1192E-04	.3325E-05	.6827E-06	.9218E-07	.6837E-08
1930	8 0 2 36	768.91	.3262E-03	.1631E-03	.6962E-04	.2407E-04	.6234E-05	.1068E-05
1931	3 0 2 63	769.02	.3353E-03	.1418E-03	.4954E-04	.1340E-04	.2554E-05	.2950E-06
1932	12 0 2 14	769.04	.3931E-04	.1778E-04	.6735E-05	.2011E-05	.4337E-06	.5871E-07
1933	3 1 2 65	769.27	.2356E-05	.9631E-06	.3228E-06	.8301E-07	.1484E-07	.1577E-08
1934	14 0 2 45	769.48	.2556E-04	.8691E-05	.2337E-05	.4590E-06	.5862E-07	.4048E-08
1935	8 0 2 35	769.52	.3627E-03	.1836E-03	.7954E-04	.2800E-04	.7416E-05	.1308E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1936	6 0 0 28	769.54	.2357E-03	.1316E-03	.6420E-04	.2611E-04	.8286E-05	.1843E-05
1937	12 0 2 15	769.79	.4068E-04	.1831E-04	.6892E-05	.2043E-05	.4363E-06	.5835E-07
1938	8 0 2 38	770.29	.2611E-03	.1272E-03	.5268E-04	.1754E-04	.4334E-05	.6991E-06
1939	3 0 2 65	770.47	.2141E-03	.8666E-04	.2872E-04	.7286E-05	.1281E-05	.1335E-06
1940	12 0 2 16	770.55	.4164E-04	.1864E-04	.6970E-05	.2049E-05	.4333E-06	.5721E-07
1941	3 1 2 67	770.61	.1480E-05	.5784E-06	.1836E-06	.4420E-07	.7272E-08	.6950E-09
1942	14 0 2 47	770.62	.1888E-04	.6220E-05	.1610E-05	.3019E-06	.3638E-07	.2332E-08
1943	8 0 2 37	771.04	.2931E-03	.1447E-03	.6084E-04	.2065E-04	.5224E-05	.8688E-06
1944	6 0 0 26	771.10	.2687E-03	.1529E-03	.7626E-04	.3188E-04	.1047E-04	.2434E-05
1945	12 0 2 17	771.31	.4220E-04	.1878E-04	.6974E-05	.2033E-05	.4253E-06	.5540E-07
1946	8 0 2 40	771.65	.2053E-03	.9736E-04	.3903E-04	.1249E-04	.2938E-05	.4446E-06
1947	14 0 2 49	771.75	.1371E-04	.4371E-05	.1087E-05	.1943E-06	.2204E-07	.1307E-08
1948	3 0 2 67	771.92	.1345E-03	.5206E-04	.1634E-04	.3880E-05	.6280E-06	.5881E-07
1949	12 0 2 18	772.06	.4239E-04	.1875E-04	.6911E-05	.1996E-05	.4130E-06	.5301E-07
1950	8 0 2 39	772.57	.2325E-03	.1118E-03	.4556E-04	.1488E-04	.3587E-05	.5607E-06
1951	6 0 0 24	772.67	.2999E-03	.1736E-03	.8841E-04	.3792E-04	.1285E-04	.3113E-05
1952	12 0 2 19	772.81	.4222E-04	.1855E-04	.6785E-05	.1942E-05	.3969E-06	.5017E-07
1953	14 0 2 51	772.85	.9797E-05	.3017E-05	.7202E-06	.1223E-06	.1303E-07	.7126E-09
1954	8 0 2 42	773.00	.1585E-03	.7309E-04	.2832E-04	.8696E-05	.1941E-05	.2749E-06
1955	3 0 2 69	773.37	.8324E-04	.3074E-04	.9126E-05	.2024E-05	.3008E-06	.2524E-07
1956	12 0 2 20	773.56	.4173E-04	.1821E-04	.6606E-05	.1871E-05	.3777E-06	.4698E-07
1957	14 0 2 53	773.94	.6885E-05	.2046E-05	.4679E-06	.7542E-07	.7525E-08	.3782E-09
1958	8 0 2 41	774.09	.1812E-03	.8476E-04	.3341E-04	.1048E-04	.2401E-05	.3516E-06
1959	6 0 0 22	774.23	.3272E-03	.1925E-03	.9992E-04	.4387E-04	.1531E-04	.3850E-05
1960	12 0 2 21	774.30	.4094E-04	.1774E-04	.6379E-05	.1788E-05	.3562E-06	.4356E-07
1961	8 0 2 44	774.35	.1203E-03	.5385E-04	.2013E-04	.5919E-05	.1251E-05	.1652E-06
1962	3 0 2 71	774.82	.5069E-04	.1785E-04	.5002E-05	.1034E-05	.1408E-06	.1055E-07
1963	14 0 2 55	775.01	.4760E-05	.1363E-05	.2981E-06	.4551E-07	.4242E-08	.1954E-09
1964	12 0 2 22	775.05	.3989E-04	.1715E-04	.6112E-05	.1695E-05	.3329E-06	.4000E-07
1965	8 0 2 43	775.61	.1388E-03	.6305E-04	.2400E-04	.7213E-05	.1567E-05	.2144E-06
1966	8 0 2 46	775.69	.8975E-04	.3894E-04	.1403E-04	.3940E-05	.7870E-06	.9656E-07
1967	12 0 2 23	775.79	.3860E-04	.1647E-04	.5814E-05	.1593E-05	.3086E-06	.3639E-07
1968	6 0 0 20	775.80	.3485E-03	.2080E-03	.1099E-03	.4929E-04	.1767E-04	.4600E-05
1969	14 0 2 57	776.06	.3238E-05	.8921E-06	.1863E-06	.2689E-07	.2336E-08	.9828E-10
1970	3 0 2 73	776.27	.3040E-04	.1019E-04	.2692E-05	.5176E-06	.6439E-07	.4298E-08
1971	12 0 2 24	776.54	.3712E-04	.1571E-04	.5491E-05	.1487E-05	.2836E-06	.3281E-07
1972	8 0 2 48	777.01	.6582E-04	.2765E-04	.9579E-05	.2566E-05	.4829E-06	.5490E-07
1973	14 0 2 59	777.10	.2167E-05	.5738E-06	.1143E-06	.1555E-07	.1256E-08	.4812E-10
1974	8 0 2 45	777.14	.1044E-03	.4603E-04	.1690E-04	.4856E-05	.9982E-06	.1271E-06
1975	12 0 2 25	777.28	.3548E-04	.1489E-04	.5150E-05	.1377E-05	.2586E-06	.2932E-07
1976	6 0 0 18	777.37	.3616E-03	.2188E-03	.1174E-03	.5370E-04	.1972E-04	.5298E-05
1977	3 0 2 75	777.71	.1794E-04	.5717E-05	.1422E-05	.2538E-06	.2878E-07	.1705E-08
1978	12 0 2 26	778.02	.3371E-04	.1402E-04	.4798E-05	.1266E-05	.2340E-06	.2597E-07
1979	14 0 2 61	778.12	.1427E-05	.3627E-06	.6874E-07	.8810E-08	.6598E-09	.2294E-10
1980	8 0 2 50	778.33	.4747E-04	.1928E-04	.6413E-05	.1635E-05	.2892E-06	.3036E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
1981	8 0 2 47	778.66	.7727E-04	.3299E-04	.1166E-04	.3198E-05	.6202E-06	.7328E-07
1982	12 0 2 27	778.75	.3185E-04	.1312E-04	.4442E-05	.1156E-05	.2101E-06	.2282E-07
1983	6 0 0 16	778.93	.3646E-03	.2232E-03	.1215E-03	.5654E-04	.2123E-04	.5864E-05
1984	3 0 2 77	779.15	.1043E-04	.3155E-05	.7370E-06	.1220E-06	.1257E-07	.6592E-09
1985	12 0 2 28	779.49	.2992E-04	.1221E-04	.4086E-05	.1049E-05	.1872E-06	.1988E-07
1986	8 0 2 52	779.64	.3366E-04	.1320E-04	.4210E-05	.1019E-05	.1691E-06	.1634E-07
1987	8 0 2 49	780.18	.5621E-04	.2322E-04	.7883E-05	.2060E-05	.3761E-06	.4110E-07
1988	12 0 2 29	780.22	.2796E-04	.1130E-04	.3735E-05	.9451E-06	.1656E-06	.1718E-07
1989	6 0 0 14	780.50	.3556E-03	.2200E-03	.1213E-03	.5733E-04	.2194E-04	.6214E-05
1990	3 0 2 79	780.59	.5969E-05	.1712E-05	.3752E-06	.5742E-07	.5368E-08	.2482E-09
1991	8 0 2 54	780.94	.2348E-04	.8876E-05	.2710E-05	.6219E-06	.9649E-07	.8557E-08
1992	12 0 2 30	780.95	.2599E-04	.1039E-04	.3394E-05	.8459E-06	.1455E-06	.1473E-07
1993	12 0 2 31	781.69	.2403E-04	.9507E-05	.3066E-05	.7524E-06	.1269E-06	.1253E-07
1994	8 0 2 51	781.71	.4021E-04	.1604E-04	.5227E-05	.1299E-05	.2226E-06	.2243E-07
1995	3 0 2 81	782.03	.3364E-05	.9134E-06	.1875E-06	.2648E-07	.2240E-08	.9109E-10
1996	6 0 0 12	782.06	.3337E-03	.2083E-03	.1161E-03	.5562E-04	.2165E-04	.6266E-05
1997	8 0 2 56	782.23	.1611E-04	.5865E-05	.1711E-05	.3715E-06	.5377E-07	.4362E-08
1998	12 0 2 32	782.41	.2211E-04	.8651E-05	.2753E-05	.6649E-06	.1099E-06	.1058E-07
1999	12 0 2 33	783.14	.2023E-04	.7830E-05	.2459E-05	.5839E-06	.9457E-07	.8863E-08
2000	8 0 2 53	783.23	.2829E-04	.1089E-04	.3399E-05	.8013E-06	.1286E-06	.1191E-07
2001	3 0 2 83	783.47	.1867E-05	.4793E-06	.9198E-07	.1197E-07	.9138E-09	.3257E-10
2002	8 0 2 58	783.52	.1088E-04	.3807E-05	.1060E-05	.2172E-06	.2926E-07	.2164E-08
2003	6 0 0 10	783.63	.2982E-03	.1876E-03	.1056E-03	.5115E-04	.2020E-04	.5954E-05
2004	12 0 2 34	783.87	.1843E-04	.7050E-05	.2183E-05	.5097E-06	.8081E-07	.7368E-08
2005	12 0 2 35	784.59	.1671E-04	.6315E-05	.1927E-05	.4422E-06	.6858E-07	.6080E-08
2006	8 0 2 55	784.76	.1958E-04	.7262E-05	.2168E-05	.4839E-06	.7253E-07	.6154E-08
2007	8 0 2 60	784.80	.7226E-05	.2428E-05	.6438E-06	.1243E-06	.1555E-07	.1045E-08
2008	3 0 2 85	784.90	.1020E-05	.2473E-06	.4431E-07	.5302E-08	.3644E-09	.1135E-10
2009	6 0 0 8	785.19	.2496E-03	.1581E-03	.8962E-04	.4384E-04	.1752E-04	.5242E-05
2010	12 0 2 36	785.31	.1507E-04	.5627E-05	.1692E-05	.3813E-06	.5782E-07	.4979E-08
2011	12 0 2 37	786.03	.1354E-04	.4990E-05	.1478E-05	.3269E-06	.4843E-07	.4048E-08
2012	8 0 2 62	786.07	.4723E-05	.1522E-05	.3837E-06	.6969E-07	.8071E-08	.4915E-09
2013	8 0 2 57	786.29	.1333E-04	.4757E-05	.1356E-05	.2860E-06	.3995E-07	.3096E-08
2014	12 0 2 38	786.75	.1210E-04	.4402E-05	.1284E-05	.2786E-06	.4030E-07	.3267E-08
2015	6 0 0 6	786.76	.1890E-03	.1203E-03	.6862E-04	.3382E-04	.1364E-04	.4131E-05
2016	8 0 2 64	787.33	.3038E-05	.9375E-06	.2244E-06	.3825E-07	.4092E-08	.2250E-09
2017	12 0 2 39	787.47	.1076E-04	.3864E-05	.1109E-05	.2360E-06	.3332E-07	.2617E-08
2018	8 0 2 59	787.81	.8928E-05	.3062E-05	.8318E-06	.1655E-06	.2149E-07	.1516E-08
2019	12 0 2 40	788.18	.9533E-05	.3376E-05	.9531E-06	.1988E-06	.2737E-07	.2082E-08
2020	6 0 0 4	788.32	.1184E-03	.7565E-04	.4335E-04	.2148E-04	.8723E-05	.2666E-05
2021	8 0 2 66	788.58	.1923E-05	.5676E-06	.1288E-06	.2056E-07	.2027E-08	.1003E-09
2022	12 0 2 41	788.90	.8405E-05	.2935E-05	.8147E-06	.1665E-06	.2234E-07	.1644E-08
2023	8 0 2 61	789.34	.5884E-05	.1937E-05	.5007E-06	.9379E-07	.1129E-07	.7225E-09
2024	12 0 2 42	789.61	.7377E-05	.2539E-05	.6929E-06	.1386E-06	.1812E-07	.1289E-08
2025	8 0 2 68	789.83	.1198E-05	.3378E-06	.7252E-07	.1082E-07	.9807E-09	.4357E-10

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
2026	6 0 0 2	789.88	.4061E-04	.2600E-04	.1494E-04	.7430E-05	.3030E-05	.9312E-06
2027	12 0 2 43	790.32	.6447E-05	.2187E-05	.5862E-06	.1148E-06	.1460E-07	.1003E-08
2028	8 0 2 63	790.88	.3817E-05	.1204E-05	.2957E-06	.5204E-07	.5794E-08	.3354E-09
2029	12 0 2 44	791.03	.5609E-05	.1874E-05	.4934E-06	.9449E-07	.1169E-07	.7757E-09
2030	6 0 1 2	791.45	.2035E-03	.1303E-03	.7487E-04	.3723E-04	.1518E-04	.4665E-05
2031	6 0 1 4	791.46	.3568E-03	.2279E-03	.1306E-03	.6470E-04	.2627E-04	.8029E-05
2032	6 0 1 6	791.48	.4946E-03	.3147E-03	.1795E-03	.8847E-04	.3568E-04	.1081E-04
2033	6 0 1 8	791.51	.6114E-03	.3871E-03	.2195E-03	.1073E-03	.4289E-04	.1283E-04
2034	6 0 1 10	791.54	.7035E-03	.4425E-03	.2489E-03	.1206E-03	.4762E-04	.1403E-04
2035	6 0 1 12	791.58	.7684E-03	.4796E-03	.2673E-03	.1280E-03	.4982E-04	.1441E-04
2036	6 0 1 14	791.63	.8057E-03	.4983E-03	.2746E-03	.1298E-03	.4966E-04	.1406E-04
2037	6 0 1 16	791.68	.8164E-03	.4996E-03	.2719E-03	.1265E-03	.4748E-04	.1311E-04
2038	12 0 2 45	791.74	.4858E-05	.1598E-05	.4131E-06	.7736E-07	.9308E-08	.5954E-09
2039	6 0 1 18	791.74	.8030E-03	.4856E-03	.2605E-03	.1191E-03	.4374E-04	.1175E-04
2040	6 0 1 20	791.81	.7689E-03	.4589E-03	.2423E-03	.1086E-03	.3894E-04	.1013E-04
2041	6 0 1 22	791.89	.7185E-03	.4225E-03	.2192E-03	.9621E-04	.3357E-04	.8441E-05
2042	6 0 1 24	791.98	.6563E-03	.3798E-03	.1933E-03	.8287E-04	.2808E-04	.6799E-05
2043	6 0 1 26	792.07	.5865E-03	.3336E-03	.1663E-03	.6950E-04	.2281E-04	.5302E-05
2044	6 0 1 28	792.17	.5135E-03	.2867E-03	.1397E-03	.5681E-04	.1802E-04	.4007E-05
2045	6 0 2 0	792.23	.8240E-04	.5281E-04	.3039E-04	.1513E-04	.6182E-05	.1904E-05
2046	6 0 1 30	792.28	.4407E-03	.2411E-03	.1147E-03	.4530E-04	.1385E-04	.2937E-05
2047	6 0 1 32	792.41	.3710E-03	.1987E-03	.9215E-04	.3525E-04	.1036E-04	.2090E-05
2048	8 0 2 65	792.41	.2436E-05	.7353E-06	.1714E-06	.2827E-07	.2904E-08	.1516E-09
2049	12 0 2 46	792.44	.4190E-05	.1357E-05	.3442E-06	.6298E-07	.7363E-08	.4538E-09
2050	6 0 1 34	792.54	.3066E-03	.1605E-03	.7242E-04	.2679E-04	.7553E-05	.1443E-05
2051	6 0 1 36	792.68	.2487E-03	.1271E-03	.5571E-04	.1990E-04	.5365E-05	.9687E-06
2052	6 0 1 38	792.83	.1982E-03	.9873E-04	.4197E-04	.1444E-04	.3716E-05	.6317E-06
2053	6 0 1 40	792.99	.1552E-03	.7526E-04	.3098E-04	.1024E-04	.2510E-05	.4005E-06
2054	12 0 2 47	793.15	.3598E-05	.1147E-05	.2853E-06	.5099E-07	.5788E-08	.3435E-09
2055	6 0 1 42	793.16	.1194E-03	.5630E-04	.2240E-04	.7108E-05	.1654E-05	.2469E-06
2056	6 0 1 44	793.35	.9035E-04	.4135E-04	.1588E-04	.4825E-05	.1063E-05	.1480E-06
2057	6 0 1 46	793.54	.6720E-04	.2982E-04	.1103E-04	.3204E-05	.6670E-06	.8635E-07
2058	6 0 1 48	793.75	.4915E-04	.2112E-04	.7517E-05	.2082E-05	.4085E-06	.4901E-07
2059	6 0 2 2	793.79	.1633E-03	.1046E-03	.6008E-04	.2987E-04	.1218E-04	.3743E-05
2060	12 0 2 48	793.85	.3077E-05	.9647E-06	.2353E-06	.4106E-07	.4522E-08	.2582E-09
2061	8 0 2 67	793.95	.1531E-05	.4415E-06	.9745E-07	.1504E-07	.1422E-08	.6671E-10
2062	6 0 1 50	793.97	.3536E-04	.1469E-04	.5022E-05	.1324E-05	.2442E-06	.2707E-07
2063	6 0 1 52	794.21	.2502E-04	.1004E-04	.3290E-05	.8239E-06	.1426E-06	.1455E-07
2064	6 0 1 54	794.46	.1742E-04	.6738E-05	.2115E-05	.5021E-06	.8127E-07	.7613E-08
2065	12 0 2 49	794.55	.2620E-05	.8077E-06	.1931E-06	.3287E-07	.3512E-08	.1928E-09
2066	6 0 1 56	794.72	.1193E-04	.4445E-05	.1333E-05	.2995E-06	.4525E-07	.3878E-08
2067	6 0 1 58	795.00	.8045E-05	.2882E-05	.8248E-06	.1750E-06	.2461E-07	.1923E-08
2068	12 0 2 50	795.25	.2221E-05	.6732E-06	.1577E-06	.2618E-07	.2710E-08	.1429E-09
2069	6 0 1 60	795.29	.5337E-05	.1836E-05	.5006E-06	.1001E-06	.1307E-07	.9289E-09
2070	6 0 2 4	795.35	.2391E-03	.1527E-03	.8751E-04	.4335E-04	.1760E-04	.5379E-05

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
2071	6 0 1 62	795.61	.3485E-05	.1150E-05	.2982E-06	.5607E-07	.6783E-08	.4369E-09
2072	6 0 1 64	795.93	.2239E-05	.7077E-06	.1743E-06	.3077E-07	.3439E-08	.2001E-09
2073	12 0 2 51	795.95	.1875E-05	.5586E-06	.1281E-06	.2074E-07	.2079E-08	.1052E-09
2074	6 0 1 66	796.28	.1417E-05	.4282E-06	.9999E-07	.1654E-07	.1704E-08	.8927E-10
2075	12 0 2 52	796.64	.1577E-05	.4614E-06	.1036E-06	.1633E-07	.1585E-08	.7693E-10
2076	6 0 2 6	796.91	.3066E-03	.1951E-03	.1113E-03	.5483E-04	.2211E-04	.6696E-05
2077	12 0 2 53	797.34	.1320E-05	.3794E-06	.8335E-07	.1280E-07	.1201E-08	.5587E-10
2078	12 0 2 54	798.03	.1101E-05	.3105E-06	.6673E-07	.9972E-08	.9051E-09	.4030E-10
2079	6 0 2 8	798.47	.3631E-03	.2299E-03	.1303E-03	.6372E-04	.2545E-04	.7617E-05
2080	13 0 0 36	799.95	.1197E-05	.4607E-06	.1438E-06	.3391E-07	.5445E-08	.5047E-09
2081	6 0 2 10	800.02	.4067E-03	.2558E-03	.1439E-03	.6968E-04	.2751E-04	.8106E-05
2082	13 0 0 37	800.45	.1080E-05	.4109E-06	.1264E-06	.2929E-07	.4600E-08	.4144E-09
2083	13 0 0 34	801.53	.1471E-05	.5802E-06	.1864E-06	.4555E-07	.7646E-08	.7503E-09
2084	6 0 2 12	801.58	.4362E-03	.2722E-03	.1517E-03	.7262E-04	.2826E-04	.8175E-05
2085	13 0 0 35	801.89	.1339E-05	.5222E-06	.1655E-06	.3977E-07	.6537E-08	.6244E-09
2086	13 0 0 32	803.11	.1774E-05	.7158E-06	.2364E-06	.5973E-07	.1045E-07	.1083E-08
2087	6 0 2 14	803.14	.4515E-03	.2792E-03	.1538E-03	.7267E-04	.2780E-04	.7872E-05
2088	13 0 0 33	803.34	.1629E-05	.6504E-06	.2120E-06	.5273E-07	.9048E-08	.9135E-09
2089	13 0 0 30	804.68	.2097E-05	.8646E-06	.2930E-06	.7640E-07	.1391E-07	.1515E-08
2090	6 0 2 16	804.69	.4532E-03	.2773E-03	.1509E-03	.7017E-04	.2633E-04	.7272E-05
2091	13 0 0 31	804.80	.1944E-05	.7935E-06	.2656E-06	.6824E-07	.1219E-07	.1297E-08
2092	6 0 2 18	806.25	.4427E-03	.2676E-03	.1435E-03	.6560E-04	.2408E-04	.6467E-05
2093	13 0 0 28	806.26	.2429E-05	.1022E-05	.3548E-06	.9528E-07	.1800E-07	.2056E-08
2094	13 0 0 29	806.27	.2274E-05	.9475E-06	.3252E-06	.8612E-07	.1599E-07	.1786E-08
2095	13 0 0 27	807.74	.2605E-05	.1107E-05	.3887E-06	.1059E-06	.2037E-07	.2382E-08
2096	6 0 2 20	807.80	.4216E-03	.2515E-03	.1328E-03	.5951E-04	.2132E-04	.5549E-05
2097	13 0 0 26	807.84	.2755E-05	.1181E-05	.4192E-06	.1157E-06	.2263E-07	.2702E-08
2098	13 0 0 25	809.22	.2920E-05	.1263E-05	.4533E-06	.1268E-06	.2521E-07	.3076E-08
2099	6 0 2 22	809.36	.3924E-03	.2307E-03	.1196E-03	.5248E-04	.1831E-04	.4602E-05
2100	13 0 0 24	809.41	.3054E-05	.1332E-05	.4830E-06	.1368E-06	.2761E-07	.3434E-08
2101	13 0 0 23	810.71	.3198E-05	.1406E-05	.5150E-06	.1477E-06	.3027E-07	.3841E-08
2102	6 0 2 24	810.91	.3572E-03	.2067E-03	.1051E-03	.4505E-04	.1526E-04	.3695E-05
2103	13 0 0 22	810.99	.3307E-05	.1465E-05	.5416E-06	.1570E-06	.3264E-07	.4217E-08
2104	13 0 0 21	812.20	.3417E-05	.1526E-05	.5691E-06	.1669E-06	.3518E-07	.4628E-08
2105	6 0 2 26	812.46	.3185E-03	.1811E-03	.9022E-04	.3769E-04	.1237E-04	.2874E-05
2106	13 0 0 20	812.57	.3488E-05	.1569E-05	.5900E-06	.1748E-06	.3732E-07	.4992E-08
2107	13 0 0 19	813.70	.3553E-05	.1609E-05	.6102E-06	.1826E-06	.3950E-07	.5370E-08
2108	6 0 2 28	814.02	.2784E-03	.1553E-03	.7566E-04	.3075E-04	.9749E-05	.2168E-05
2109	13 0 0 18	814.14	.3576E-05	.1630E-05	.6229E-06	.1881E-06	.4116E-07	.5681E-08
2110	13 0 0 17	815.21	.3585E-05	.1644E-05	.6330E-06	.1930E-06	.4271E-07	.5982E-08
2111	6 0 2 30	815.57	.2386E-03	.1305E-03	.6204E-04	.2448E-04	.7481E-05	.1587E-05
2112	13 0 0 16	815.72	.3550E-05	.1637E-05	.6347E-06	.1951E-06	.4363E-07	.6194E-08
2113	13 0 0 15	816.72	.3493E-05	.1620E-05	.6323E-06	.1959E-06	.4427E-07	.6367E-08
2114	6 0 2 32	817.13	.2007E-03	.1074E-03	.4977E-04	.1903E-04	.5592E-05	.1127E-05
2115	13 0 0 14	817.29	.3393E-05	.1581E-05	.6209E-06	.1939E-06	.4420E-07	.6433E-08

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
2116	13 0 0 13	818.24	.3266E-05	.1529E-05	.6040E-06	.1899E-06	.4369E-07	.6431E-08
2117	6 0 2 34	818.69	.1657E-03	.8667E-04	.3909E-04	.1445E-04	.4073E-05	.7782E-06
2118	13 0 0 12	818.86	.3096E-05	.1456E-05	.5781E-06	.1829E-06	.4242E-07	.6309E-08
2119	13 0 0 11	819.77	.2896E-05	.1368E-05	.5457E-06	.1737E-06	.4059E-07	.6097E-08
2120	6 0 2 36	820.24	.1344E-03	.6861E-04	.3006E-04	.1073E-04	.2892E-05	.5219E-06
2121	13 0 0 10	820.44	.2656E-05	.1259E-05	.5047E-06	.1615E-06	.3800E-07	.5758E-08
2122	13 0 0 9	821.31	.2387E-05	.1136E-05	.4570E-06	.1470E-06	.3480E-07	.5316E-08
2123	6 0 2 38	821.80	.1071E-03	.5328E-04	.2264E-04	.7783E-05	.2002E-05	.3403E-06
2124	13 0 0 8	822.01	.2085E-05	.9947E-06	.4017E-06	.1298E-06	.3090E-07	.4754E-08
2125	13 0 0 7	822.85	.1756E-05	.8402E-06	.3404E-06	.1104E-06	.2643E-07	.4092E-08
2126	6 0 2 40	823.36	.8382E-04	.4061E-04	.1671E-04	.5522E-05	.1352E-05	.2157E-06
2127	13 0 0 6	823.58	.1403E-05	.6729E-06	.2734E-06	.8902E-07	.2139E-07	.3331E-08
2128	13 0 0 5	824.39	.1035E-05	.4972E-06	.2025E-06	.6613E-07	.1595E-07	.2496E-08
2129	6 0 2 42	824.93	.6451E-04	.3038E-04	.1208E-04	.3831E-05	.8909E-06	.1330E-06
2130	6 0 2 44	826.49	.4881E-04	.2232E-04	.8566E-05	.2601E-05	.5728E-06	.7974E-07
2131	6 0 2 46	828.06	.3632E-04	.1610E-04	.5954E-05	.1728E-05	.3595E-06	.4652E-07
2132	13 0 1 42	828.08	.1311E-05	.4653E-06	.1317E-06	.2758E-07	.3816E-08	.2922E-09
2133	13 0 1 40	828.09	.1706E-05	.6227E-06	.1824E-06	.3980E-07	.5801E-08	.4749E-09
2134	13 0 1 38	828.11	.2181E-05	.8179E-06	.2474E-06	.5617E-07	.8601E-08	.7504E-09
2135	13 0 1 36	828.12	.2739E-05	.1054E-05	.3288E-06	.7749E-07	.1244E-07	.1152E-08
2136	13 0 1 34	828.13	.3379E-05	.1332E-05	.4278E-06	.1045E-06	.1753E-07	.1720E-08
2137	13 0 1 32	828.15	.4093E-05	.1651E-05	.5449E-06	.1376E-06	.2408E-07	.2493E-08
2138	13 0 1 30	828.16	.4865E-05	.2005E-05	.6790E-06	.1770E-06	.3221E-07	.3508E-08
2139	13 0 1 28	828.17	.5671E-05	.2385E-05	.8274E-06	.2221E-06	.4195E-07	.4791E-08
2140	13 0 1 26	828.19	.6480E-05	.2776E-05	.9853E-06	.2719E-06	.5314E-07	.6345E-08
2141	13 0 1 24	828.20	.7253E-05	.3162E-05	.1146E-05	.3244E-06	.6545E-07	.8141E-08
2142	13 0 1 22	828.21	.7941E-05	.3518E-05	.1300E-05	.3767E-06	.7828E-07	.1011E-07
2143	13 0 1 20	828.22	.8497E-05	.3820E-05	.1436E-05	.4253E-06	.9080E-07	.1214E-07
2144	13 0 1 18	828.23	.8868E-05	.4040E-05	.1544E-05	.4661E-06	.1020E-06	.1407E-07
2145	13 0 1 16	828.24	.9007E-05	.4153E-05	.1609E-05	.4946E-06	.1106E-06	.1570E-07
2146	13 0 1 14	828.25	.8873E-05	.4135E-05	.1623E-05	.5066E-06	.1155E-06	.1681E-07
2147	13 0 1 12	828.26	.8438E-05	.3968E-05	.1575E-05	.4983E-06	.1155E-06	.1718E-07
2148	13 0 1 10	828.27	.7685E-05	.3643E-05	.1460E-05	.4671E-06	.1099E-06	.1665E-07
2149	13 0 1 8	828.27	.6617E-05	.3157E-05	.1275E-05	.4118E-06	.9804E-07	.1508E-07
2150	13 0 1 6	828.28	.5244E-05	.2515E-05	.1022E-05	.3326E-06	.7992E-07	.1244E-07
2151	13 0 1 4	828.28	.3575E-05	.1721E-05	.7024E-06	.2299E-06	.5563E-07	.8739E-08
2152	13 0 1 2	828.28	.1511E-05	.7288E-06	.2983E-06	.9799E-07	.2381E-07	.3762E-08
2153	13 0 1 3	828.29	.2614E-05	.1260E-05	.5151E-06	.1689E-06	.4098E-07	.6458E-08
2154	13 0 1 5	828.31	.4448E-05	.2137E-05	.8706E-06	.2843E-06	.6857E-07	.1073E-07
2155	13 0 1 7	828.33	.5969E-05	.2856E-05	.1157E-05	.3753E-06	.8979E-07	.1390E-07
2156	13 0 1 9	828.35	.7194E-05	.3422E-05	.1377E-05	.4428E-06	.1048E-06	.1601E-07
2157	13 0 1 11	828.38	.8108E-05	.3829E-05	.1527E-05	.4861E-06	.1136E-06	.1706E-07
2158	13 0 1 13	828.42	.8703E-05	.4075E-05	.1609E-05	.5058E-06	.1163E-06	.1713E-07
2159	13 0 1 15	828.47	.8988E-05	.4167E-05	.1626E-05	.5038E-06	.1138E-06	.1637E-07
2160	13 0 1 17	828.52	.8985E-05	.4119E-05	.1586E-05	.4832E-06	.1069E-06	.1498E-07

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
2161	13 0 1 19	828.58	.8727E-05	.3951E-05	.1498E-05	.4482E-06	.9691E-07	.1317E-07
2162	13 0 1 21	828.64	.8260E-05	.3688E-05	.1375E-05	.4030E-06	.8494E-07	.1117E-07
2163	13 0 1 23	828.71	.7634E-05	.3356E-05	.1229E-05	.3521E-06	.7215E-07	.9155E-08
2164	13 0 1 25	828.79	.6899E-05	.2983E-05	.1070E-05	.2993E-06	.5949E-07	.7257E-08
2165	13 0 1 27	828.87	.6103E-05	.2592E-05	.9100E-06	.2478E-06	.4765E-07	.5571E-08
2166	13 0 1 29	828.96	.5291E-05	.2203E-05	.7559E-06	.2001E-06	.3713E-07	.4146E-08
2167	13 0 1 31	829.06	.4498E-05	.1835E-05	.6138E-06	.1576E-06	.2815E-07	.2994E-08
2168	13 0 1 33	829.16	.3751E-05	.1497E-05	.4876E-06	.1212E-06	.2079E-07	.2098E-08
2169	13 0 1 35	829.27	.3071E-05	.1197E-05	.3791E-06	.9104E-07	.1496E-07	.1428E-08
2170	13 0 1 37	829.39	.2469E-05	.9385E-06	.2885E-06	.6682E-07	.1049E-07	.9446E-09
2171	13 0 1 39	829.52	.1950E-05	.7220E-06	.2151E-06	.4793E-07	.7171E-08	.6071E-09
2172	6 0 2 48	829.63	.2658E-04	.1141E-04	.4058E-05	.1123E-05	.2202E-06	.2641E-07
2173	13 0 1 41	829.65	.1513E-05	.5451E-06	.1571E-06	.3362E-07	.4782E-08	.3794E-09
2174	13 0 1 43	829.79	.1154E-05	.4039E-06	.1124E-06	.2306E-07	.3111E-08	.2306E-09
2175	13 0 2 1	829.85	.2745E-05	.1325E-05	.5429E-06	.1785E-06	.4343E-07	.6872E-08
2176	13 0 2 2	830.63	.3030E-05	.1462E-05	.5984E-06	.1966E-06	.4776E-07	.7545E-08
2177	6 0 2 50	831.20	.1913E-04	.7939E-05	.2712E-05	.7144E-06	.1317E-06	.1459E-07
2178	13 0 2 3	831.42	.3375E-05	.1626E-05	.6648E-06	.2181E-06	.5289E-07	.8335E-08
2179	13 0 2 4	832.20	.3727E-05	.1794E-05	.7320E-06	.2396E-06	.5797E-07	.9105E-08
2180	6 0 2 52	832.78	.1355E-04	.5428E-05	.1778E-05	.4449E-06	.7694E-07	.7849E-08
2181	13 0 2 5	833.00	.4069E-05	.1955E-05	.7961E-06	.2599E-06	.6269E-07	.9808E-08
2182	13 0 2 6	833.76	.4387E-05	.2104E-05	.8546E-06	.2782E-06	.6684E-07	.1041E-07
2183	6 0 2 54	834.36	.9437E-05	.3647E-05	.1144E-05	.2713E-06	.4389E-07	.4109E-08
2184	13 0 2 7	834.59	.4680E-05	.2239E-05	.9069E-06	.2942E-06	.7037E-07	.1090E-07
2185	13 0 2 8	835.32	.4938E-05	.2355E-05	.9509E-06	.3072E-06	.7312E-07	.1125E-07
2186	6 0 2 56	835.95	.6469E-05	.2407E-05	.7215E-06	.1619E-06	.2445E-07	.2095E-08
2187	13 0 2 9	836.18	.5163E-05	.2455E-05	.9877E-06	.3177E-06	.7519E-07	.1148E-07
2188	13 0 2 10	836.88	.5345E-05	.2533E-05	.1015E-05	.3247E-06	.7638E-07	.1157E-07
2189	6 0 2 58	837.54	.4364E-05	.1562E-05	.4466E-06	.9467E-07	.1331E-07	.1040E-08
2190	13 0 2 11	837.78	.5495E-05	.2594E-05	.1035E-05	.3293E-06	.7692E-07	.1155E-07
2191	13 0 2 12	838.44	.5596E-05	.2631E-05	.1044E-05	.3303E-06	.7657E-07	.1139E-07
2192	6 0 2 60	839.13	.2898E-05	.9958E-06	.2713E-06	.5419E-07	.7072E-08	.5024E-09
2193	13 0 2 13	839.38	.5667E-05	.2653E-05	.1047E-05	.3291E-06	.7569E-07	.1114E-07
2194	13 0 2 14	840.00	.5687E-05	.2649E-05	.1040E-05	.3245E-06	.7396E-07	.1076E-07
2195	6 0 2 62	840.73	.1894E-05	.6241E-06	.1617E-06	.3039E-07	.3673E-08	.2365E-09
2196	13 0 2 15	840.99	.5683E-05	.2634E-05	.1027E-05	.3183E-06	.7188E-07	.1034E-07
2197	13 0 2 16	841.55	.5627E-05	.2594E-05	.1005E-05	.3088E-06	.6903E-07	.9797E-08
2198	6 0 2 64	842.34	.1218E-05	.3845E-06	.9460E-07	.1669E-07	.1864E-08	.1084E-09
2199	13 0 2 17	842.61	.5555E-05	.2546E-05	.9797E-06	.2985E-06	.6604E-07	.9248E-08
2200	13 0 2 18	843.11	.5432E-05	.2474E-05	.9449E-06	.2853E-06	.6239E-07	.8609E-08
2201	13 0 2 19	844.23	.5302E-05	.2399E-05	.9095E-06	.2720E-06	.5881E-07	.7994E-08
2202	13 0 2 20	844.66	.5124E-05	.2303E-05	.8656E-06	.2563E-06	.5470E-07	.7314E-08
2203	13 0 2 21	845.86	.4949E-05	.2209E-05	.8232E-06	.2412E-06	.5083E-07	.6685E-08
2204	13 0 2 22	846.22	.4730E-05	.2095E-05	.7735E-06	.2241E-06	.4657E-07	.6014E-08
2205	13 0 2 23	847.50	.4523E-05	.1987E-05	.7273E-06	.2084E-06	.4269E-07	.5415E-08

LINE	BAND CODE	WAVE NUMBER	T=300K	T=275K	T=250K	T=225K	T=200K	T=175K
2206	13 0 2 24	847.77	.4276E-05	.1863E-05	.6750E-06	.1910E-06	.3854E-07	.4793E-08
2207	13 0 2 25	849.14	.4050E-05	.1750E-05	.6277E-06	.1755E-06	.3487E-07	.4253E-08
2208	13 0 2 26	849.32	.3789E-05	.1623E-05	.5756E-06	.1588E-06	.3102E-07	.3703E-08
2209	13 0 2 27	850.79	.3555E-05	.1509E-05	.5296E-06	.1442E-06	.2772E-07	.3240E-08
2210	13 0 2 28	850.87	.3293E-05	.1384E-05	.4800E-06	.1288E-06	.2431E-07	.2777E-08
2211	13 0 2 30	852.42	.2808E-05	.1157E-05	.3916E-06	.1020E-06	.1856E-07	.2021E-08
2212	13 0 2 29	852.44	.3063E-05	.1275E-05	.4371E-06	.1157E-06	.2146E-07	.2396E-08
2213	13 0 2 32	853.97	.2351E-05	.9477E-06	.3127E-06	.7893E-07	.1381E-07	.1429E-08
2214	13 0 2 31	854.10	.2590E-05	.1056E-05	.3530E-06	.9062E-07	.1618E-07	.1720E-08
2215	13 0 2 34	855.52	.1933E-05	.7617E-06	.2445E-06	.5968E-07	.1001E-07	.9818E-09
2216	13 0 2 33	855.77	.2150E-05	.8573E-06	.2792E-06	.6937E-07	.1189E-07	.1200E-08
2217	13 0 2 36	857.07	.1562E-05	.6005E-06	.1872E-06	.4411E-07	.7076E-08	.6555E-09
2218	13 0 2 35	857.44	.1754E-05	.6830E-06	.2162E-06	.5190E-07	.8524E-08	.8138E-09
2219	13 0 2 38	858.62	.1240E-05	.4647E-06	.1405E-06	.3188E-07	.4879E-08	.4256E-09
2220	13 0 2 37	859.12	.1405E-05	.5339E-06	.1640E-06	.3797E-07	.5958E-08	.5365E-09
2221	13 0 2 39	860.81	.1107E-05	.4096E-06	.1220E-06	.2716E-07	.4062E-08	.3439E-09

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