

Exhibit C

Compliance with 47 CFR §25.209, §25.212, and §25.218

The attached radiation patterns and data show that under worst case operation the antenna is not compliant with FCC §25.209(a)(2) between (inclusive, relative to main beam): -5.7° to -5.3° ; -4.8° to -3.9° ; -3.2° to -2.3° ; 2.7° to 3.0° ; and 5.3° to 5.8° . The worst case difference is 4.34 dB at -3.0° azimuth (14.25 GHz VV). Therefore, the RF flange power density of the earth station system will be -19.0 dBW/4 kHz. This is 5 dB below the maximum power allowed under rule part §25.212(c)(2). The combination of the antenna gain pattern and worst case RF power density yields an off-axis EIRP density which meets the combined §25.209, §25.212, and §25.218 specs at all angles in the fine ($\pm 7^{\circ}$) azimuth plane and both fine and coarse elevation planes, by a minimum of 0.6 dB. In the coarse azimuth plane, the §25.218(f)(1) envelope is exceeded in 17 of 715 points (2.4%), at worst by 2.85 dB, with all of these at least 45° outside the main beam. These sidelobes are compliant with §25.218(f)(1). The earth station system will not be operated in a manner which will cause any adjacent satellite interference. This de-rating of the RF power is allowed under FCC §25.218(f).

Therefore, with a 5 dB RF power density de-rating, this antenna complies with FCC §25.209, §25.212, and §25.218.

The following figures each contain a plot of the antenna patterns at low (14 GHz), middle (14.25 GHz), and high (14.5 GHz) points of the Ku frequency band, along with the appropriate FCC mask from either §25.209(a)(2), §25.209(a)(4), §25.209(b)(1), or §25.209(b)(2). The subsequent tables contain the tabular data used to plot the preceding figures. The left half shows off-axis antenna gain performance from an antenna test range compared with the appropriate §25.209 envelope. The right half shows the resulting off-axis EIRP densities (taking into account the 5 dB RF power density de-rating) compared with the appropriate §25.218 envelope. Values that exceed their envelope are shaded red. As the tables show, the §25.218 EIRP envelope is only ever exceeded in the coarse azimuth plot, with sidelobes that are compliant with the allowances of §25.218(f)(1).

[Figure 1](#) shows coarse azimuth co-pol patterns in VV and HH polarizations, plotted from [Table 1](#).

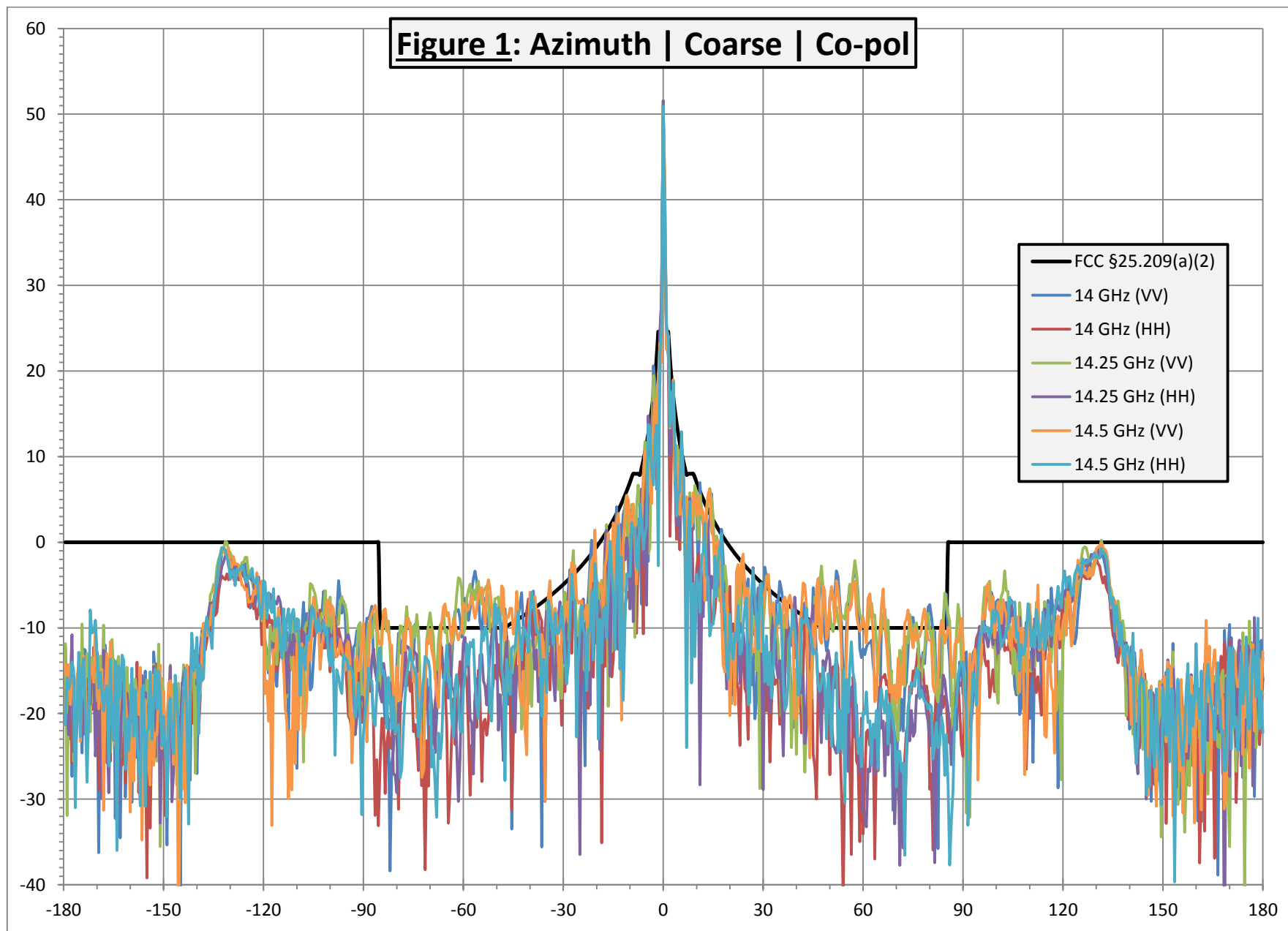
[Figure 2](#) shows coarse elevation co-pol patterns in VV and HH polarizations, plotted from [Table 2](#).

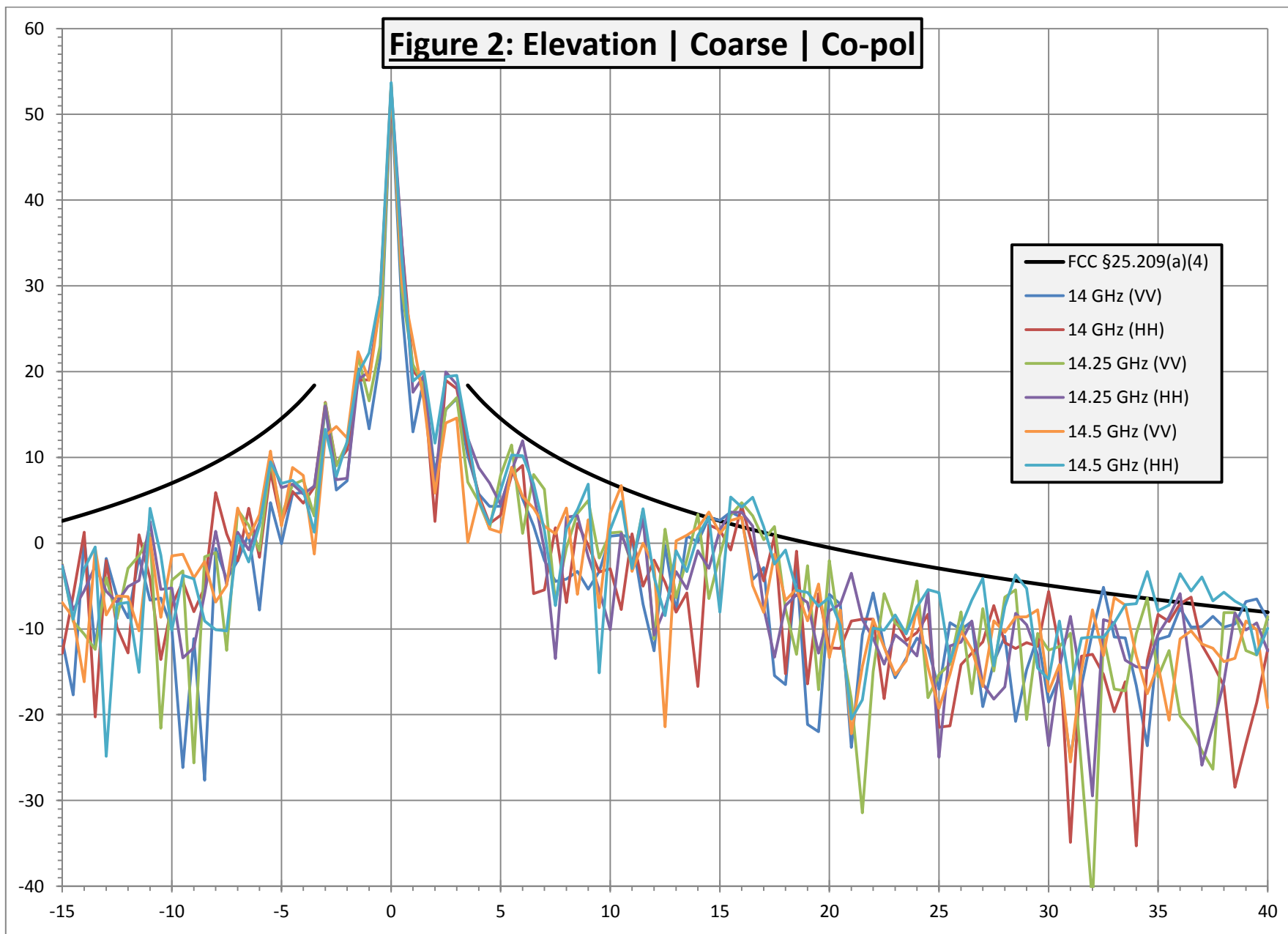
[Figure 3](#) shows fine azimuth co-pol patterns in VV and HH polarizations, plotted from [Table 3](#).

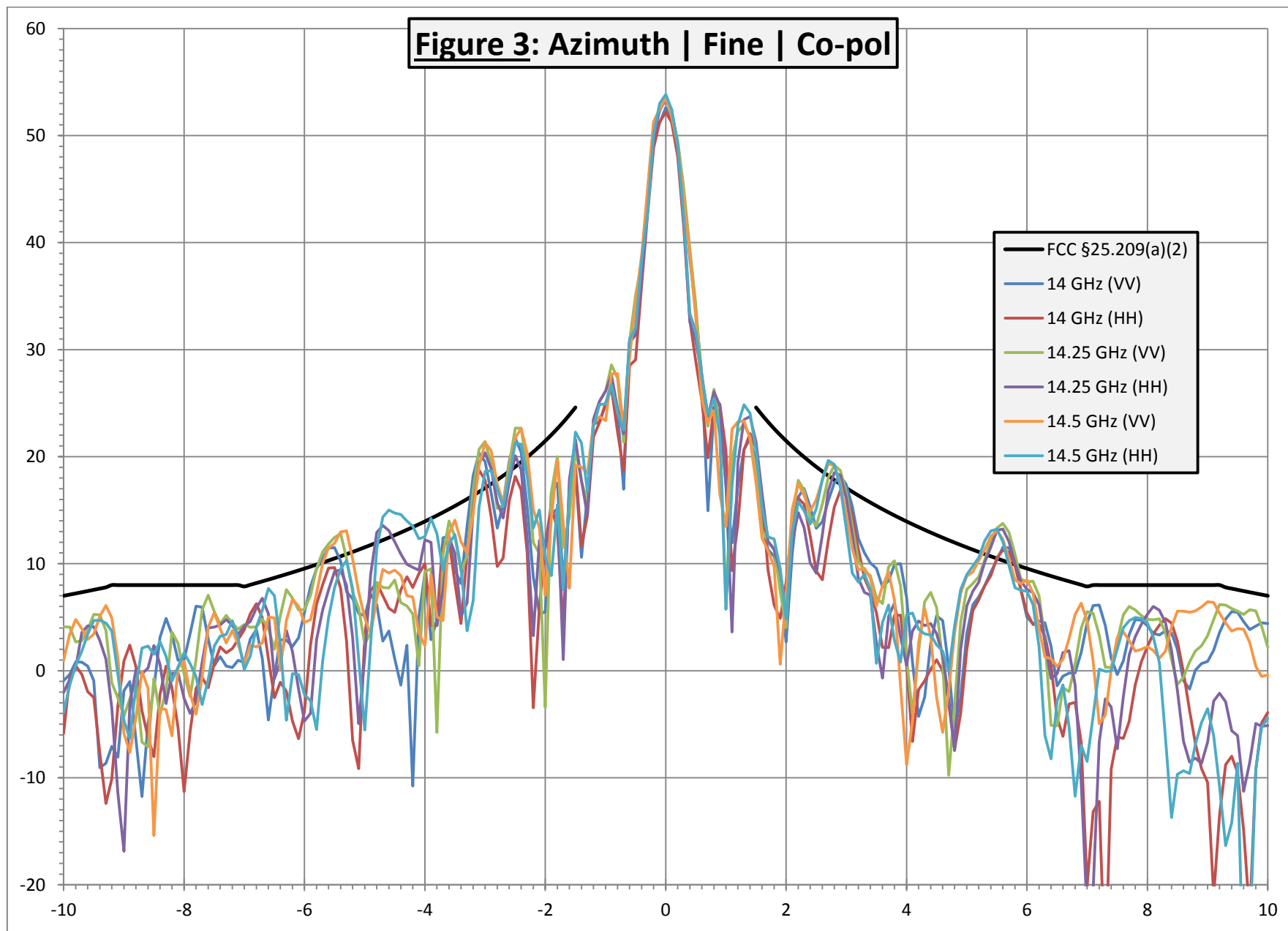
[Figure 4](#) shows fine elevation co-pol patterns in VV and HH polarizations, plotted from [Table 4](#).

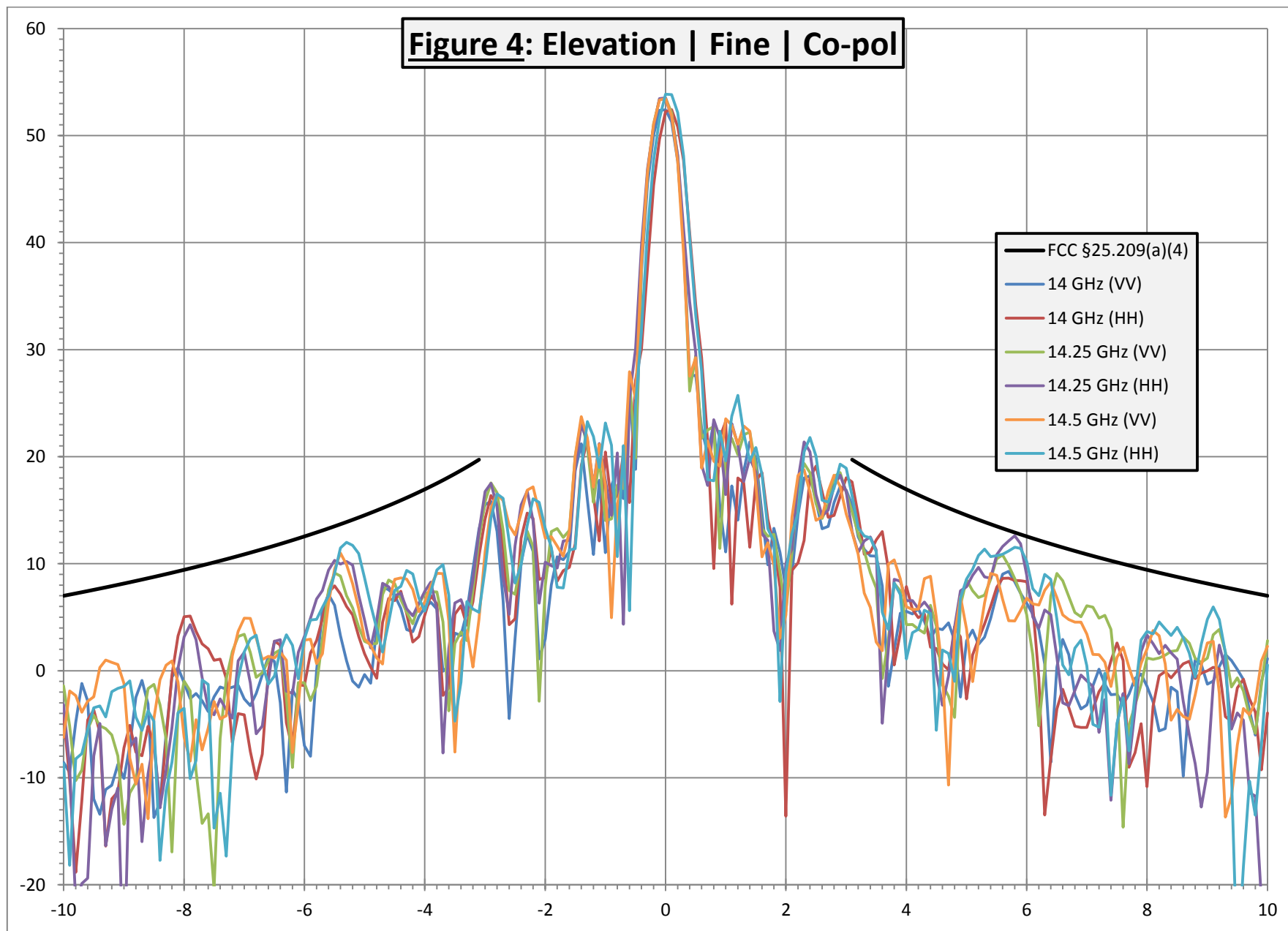
[Figure 5](#) shows fine azimuth cross-pol patterns in VH and HV polarizations, plotted from [Table 5](#).

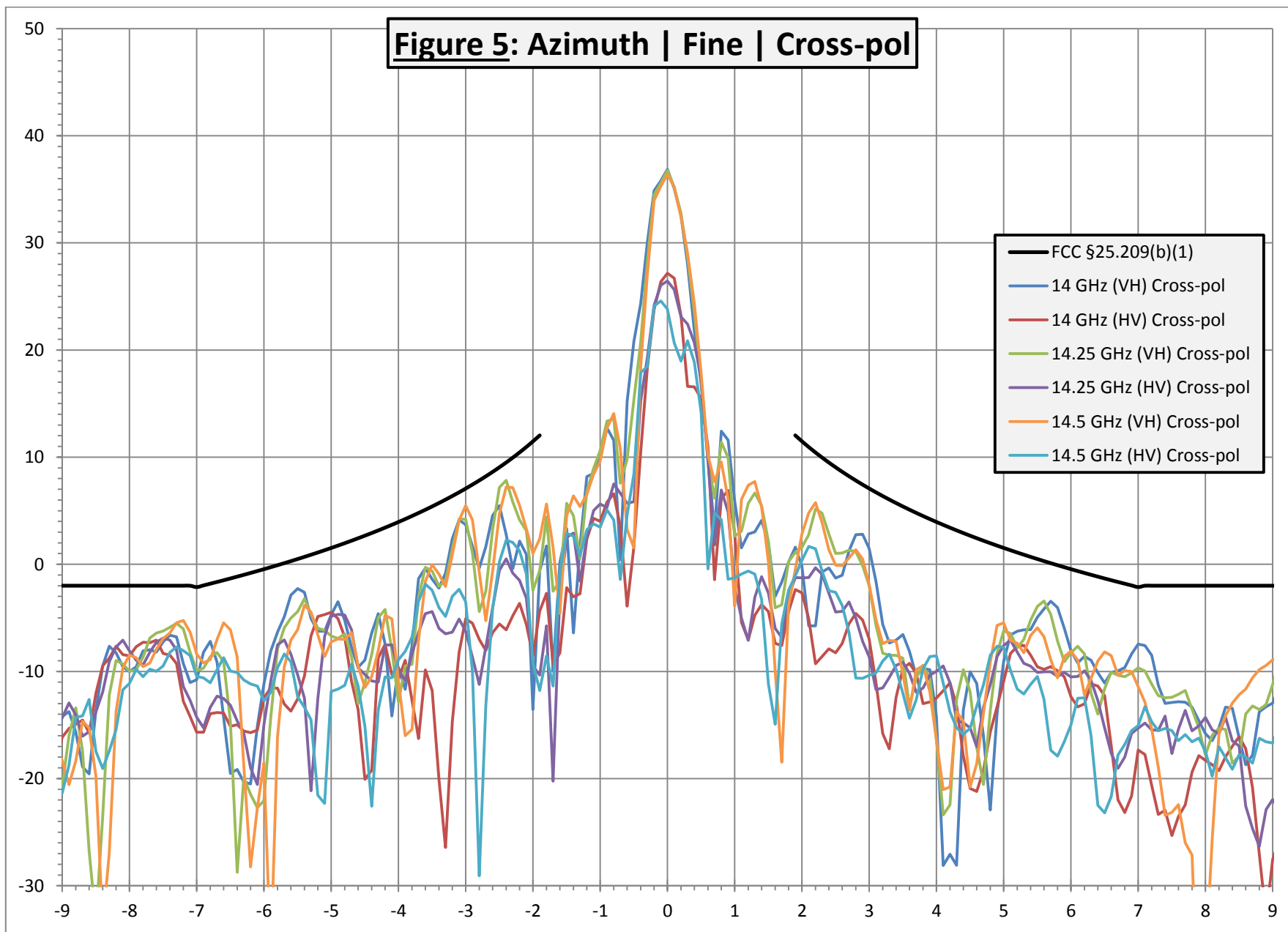
[Figure 6](#) shows fine elevation cross-pol patterns in VH and HV polarizations, plotted from [Table 6](#).











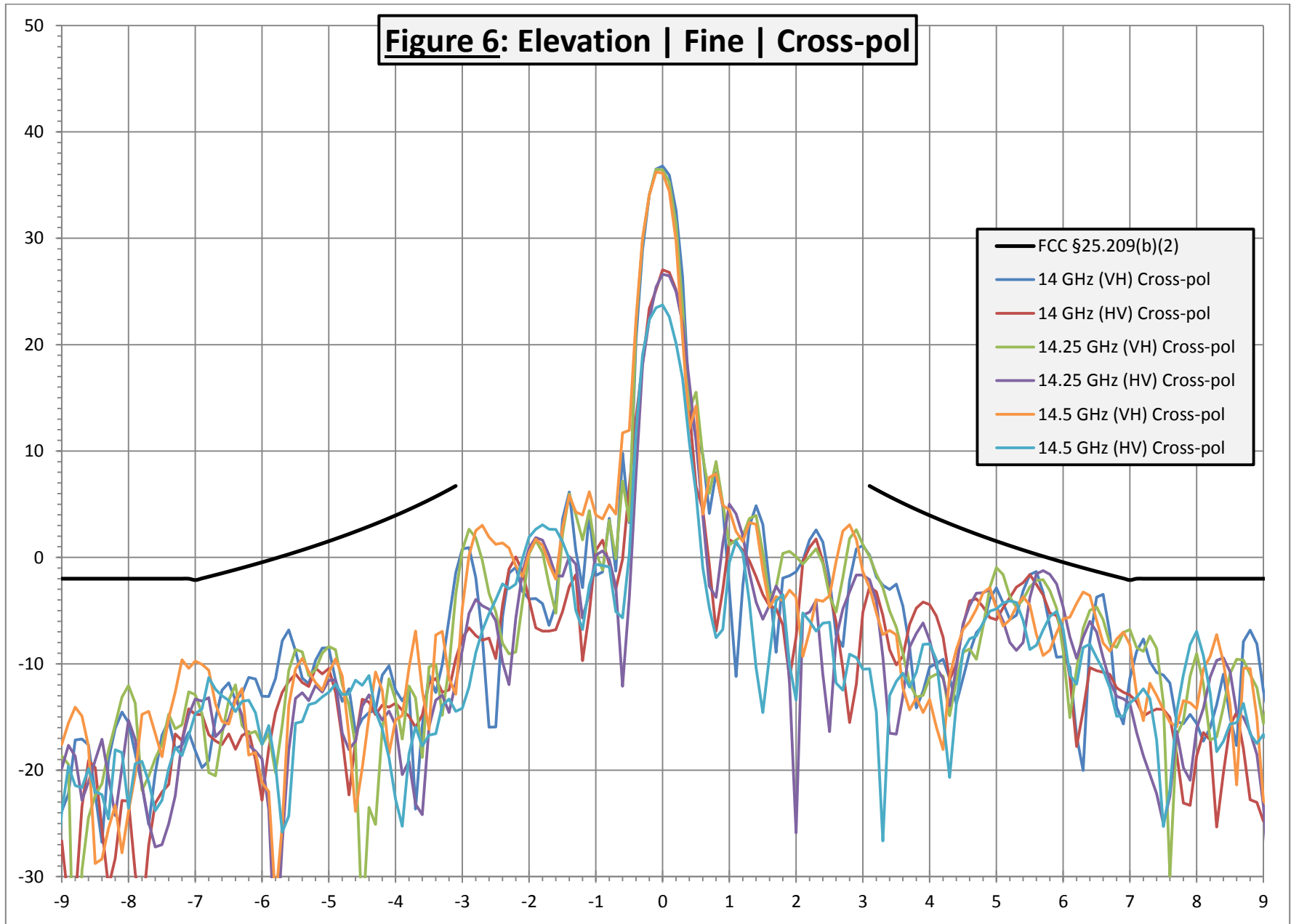


Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-179.50	-12.24	-15.87	-11.83	-20.45	-14.22	-21.33	0.000	-14.000	-31.24	-34.87	-30.83	-39.45	-33.22	-40.33
-179.00	-19.95	-24.49	-31.91	-20.12	-17.14	-15.8	0.000	-14.000	-38.95	-43.49	-50.91	-39.12	-36.14	-34.80
-178.50	-22.98	-21.64	-15.56	-22.51	-14.27	-17.11	0.000	-14.000	-41.98	-40.64	-34.56	-41.51	-33.27	-36.11
-178.00	-14.4	-16.03	-15.67	-16.49	-18.96	-16.34	0.000	-14.000	-33.40	-35.03	-34.67	-35.49	-37.96	-35.34
-177.50	-27.34	-25.78	-14.52	-10.8	-15.97	-13.97	0.000	-14.000	-46.34	-44.78	-33.52	-29.80	-34.97	-32.97
-177.00	-15.44	-16.97	-25.59	-24.44	-17.17	-14.9	0.000	-14.000	-34.44	-35.97	-44.59	-43.44	-36.17	-33.90
-176.50	-17.71	-25.53	-18.39	-16.67	-23.43	-30.99	0.000	-14.000	-36.71	-44.53	-37.39	-35.67	-42.43	-49.99
-176.00	-16.79	-21.38	-16.68	-18.86	-15.92	-19.62	0.000	-14.000	-35.79	-40.38	-35.68	-37.86	-34.92	-38.62
-175.50	-19.22	-19.44	-15.73	-14.21	-14.26	-12.85	0.000	-14.000	-38.22	-38.44	-34.73	-33.21	-33.26	-31.85
-175.00	-16.74	-15.18	-22.21	-16.44	-23.24	-22.73	0.000	-14.000	-35.74	-34.18	-41.21	-35.44	-42.24	-41.73
-174.50	-24.61	-21.43	-9.55	-18.89	-14.6	-14.63	0.000	-14.000	-43.61	-40.43	-28.55	-37.89	-33.60	-33.63
-174.00	-12.47	-17.89	-21.43	-22.43	-13.3	-13.57	0.000	-14.000	-31.47	-36.89	-40.43	-41.43	-32.30	-32.57
-173.50	-12.6	-19.09	-22.24	-17.02	-16.41	-19.64	0.000	-14.000	-31.60	-38.09	-41.24	-36.02	-35.41	-38.64
-173.00	-25.14	-18.07	-12.98	-20.76	-24.36	-28.03	0.000	-14.000	-44.14	-37.07	-31.98	-39.76	-43.36	-47.03
-172.50	-13.83	-19.55	-13.94	-15.88	-20.43	-20.68	0.000	-14.000	-32.83	-38.55	-32.94	-34.88	-39.43	-39.68
-172.00	-18.8	-15.78	-22.14	-18.91	-13.77	-7.9	0.000	-14.000	-37.80	-34.78	-41.14	-37.91	-32.77	-26.90
-171.50	-14.54	-19.56	-13.45	-14.64	-14.85	-10.61	0.000	-14.000	-33.54	-38.56	-32.45	-33.64	-33.85	-29.61
-171.00	-14.95	-12.24	-18.78	-15.17	-16.34	-10.37	0.000	-14.000	-33.95	-31.24	-37.78	-34.17	-35.34	-29.37
-170.50	-19.47	-21.87	-15.24	-24.95	-9.51	-9.12	0.000	-14.000	-38.47	-40.87	-34.24	-43.95	-28.51	-28.12
-170.00	-12.79	-14.75	-18.5	-22.15	-13.98	-13.35	0.000	-14.000	-31.79	-33.75	-37.50	-41.15	-32.98	-32.35
-169.50	-36.24	-28.93	-14.17	-17.53	-19.46	-17.04	0.000	-14.000	-55.24	-47.93	-33.17	-36.53	-38.46	-36.04
-169.00	-17.5	-15.79	-13.3	-20.52	-17.61	-15.22	0.000	-14.000	-36.50	-34.79	-32.30	-39.52	-36.61	-34.22
-168.50	-15.94	-17.41	-17.31	-29.93	-14.82	-17.76	0.000	-14.000	-34.94	-36.41	-36.31	-48.93	-33.82	-36.76
-168.00	-13.24	-19.76	-9.69	-12.6	-31.31	-19.72	0.000	-14.000	-32.24	-38.76	-28.69	-31.60	-50.31	-38.72
-167.50	-12.01	-16.04	-18.93	-22.21	-17.86	-17.59	0.000	-14.000	-31.01	-35.04	-37.93	-41.21	-36.86	-36.59
-167.00	-23.4	-25.74	-16.23	-20.89	-13.02	-16.77	0.000	-14.000	-42.40	-44.74	-35.23	-39.89	-32.02	-35.77
-166.50	-15.33	-16.06	-18.29	-29.24	-17.77	-26.1	0.000	-14.000	-34.33	-35.06	-37.29	-48.24	-36.77	-45.10
-166.00	-19.96	-25.57	-24.52	-20.13	-11.6	-13.68	0.000	-14.000	-38.96	-44.57	-43.52	-39.13	-30.60	-32.68
-165.50	-15.33	-17.43	-11.34	-18.44	-16.11	-20.83	0.000	-14.000	-34.33	-36.43	-30.34	-37.44	-35.11	-39.83
-165.00	-13.69	-19.17	-15.2	-20.08	-21.89	-23.17	0.000	-14.000	-32.69	-38.17	-34.20	-39.08	-40.89	-42.17
-164.50	-32.26	-16.71	-19.09	-23.05	-23.7	-13.89	0.000	-14.000	-51.26	-35.71	-38.09	-42.05	-42.70	-32.89
-164.00	-16.57	-21.52	-14.32	-18.14	-22.6	-36.01	0.000	-14.000	-35.57	-40.52	-33.32	-37.14	-41.60	-55.01
-163.50	-18.62	-30.34	-13.31	-30.14	-20.3	-14.44	0.000	-14.000	-37.62	-49.34	-32.31	-49.14	-39.30	-33.44
-163.00	-34.52	-18.5	-25.34	-25.35	-17.26	-18.11	0.000	-14.000	-53.52	-37.50	-44.34	-44.35	-36.26	-37.11
-162.50	-18.7	-25.99	-20.61	-14.99	-14.88	-13.19	0.000	-14.000	-37.70	-44.99	-39.61	-33.99	-33.88	-32.19
-162.00	-16	-21.67	-19.96	-16.77	-13.94	-13.78	0.000	-14.000	-35.00	-40.67	-38.96	-35.77	-32.94	-32.78
-161.50	-29.77	-28.12	-23.75	-20.56	-18.16	-26.53	0.000	-14.000	-48.77	-47.12	-42.75	-39.56	-37.16	-45.53
-161.00	-23.06	-18.71	-14.6	-17.67	-20.68	-20.61	0.000	-14.000	-42.06	-37.71	-33.60	-36.67	-39.68	-39.61
-160.50	-19.52	-17.54	-20.13	-19.74	-23.01	-24.3	0.000	-14.000	-38.52	-36.54	-39.13	-38.74	-42.01	-43.30
-160.00	-21	-21.66	-16.68	-20.51	-31.51	-20.51	0.000	-14.000	-40.00	-40.66	-35.68	-39.51	-50.51	-39.51
-159.50	-30.36	-20.03	-18.9	-21.41	-21.28	-14.71	0.000	-14.000	-49.36	-39.03	-37.90	-40.41	-40.28	-33.71
-159.00	-21.87	-22.9	-24.51	-19.4	-27.92	-22.66	0.000	-14.000	-40.87	-41.90	-43.51	-38.40	-46.92	-41.66
-158.50	-24.52	-23.42	-15.97	-18.44	-22.47	-17.28	0.000	-14.000	-43.52	-42.42	-34.97	-37.44	-41.47	-36.28
-158.00	-25.14	-14.01	-17.84	-18.22	-17.86	-22.57	0.000	-14.000	-44.14	-33.01	-36.84	-37.22	-36.86	-41.57
-157.50	-18.49	-29.26	-21.9	-20.9	-20.13	-25.51	0.000	-14.000	-37.49	-48.26	-40.90	-39.90	-39.13	-44.51
-157.00	-20	-18.83	-18.64	-30.67	-14.62	-30.78	0.000	-14.000	-39.00	-37.83	-37.64	-49.67	-33.62	-49.78
-156.50	-16.98	-25.84	-17.29	-15.56	-34.78	-17.06	0.000	-14.000	-35.98	-44.84	-36.29	-34.56	-53.78	-36.06
-156.00	-19.33	-20.8	-19.06	-20.01	-22.13	-16.72	0.000	-14.000	-38.33	-39.80	-38.06	-39.01	-41.13	-35.72
-155.50	-15.03	-19.97	-22.45	-17.52	-18.4	-30.84	0.000	-14.000	-34.03	-38.97	-41.45	-36.52	-37.40	-49.84
-155.00	-22.8	-39.19	-16.09	-20.95	-22.07	-22.17	0.000	-14.000	-41.80	-58.19	-35.09	-39.95	-41.07	-41.17
-154.50	-16.48	-20.05	-26.6	-19.62	-26.06	-21.77	0.000	-14.000	-35.48	-39.05	-45.60	-38.62	-45.06	-40.77

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-154.00	-19.11	-33.39	-15.35	-19.46	-28.35	-15.12	0.000	-14.000	-38.11	-52.39	-34.35	-38.46	-47.35	-34.12
-153.50	-25.8	-19.91	-25.29	-19.78	-15.46	-23.02	0.000	-14.000	-44.80	-38.91	-44.29	-38.78	-34.46	-42.02
-153.00	-12.79	-21.14	-14.26	-14.48	-26.06	-18.55	0.000	-14.000	-31.79	-40.14	-33.26	-33.48	-45.06	-37.55
-152.50	-15.67	-20.63	-15.68	-25.05	-22.27	-14.83	0.000	-14.000	-34.67	-39.63	-34.68	-44.05	-41.27	-33.83
-152.00	-15.25	-14.19	-25.57	-17.26	-22.47	-19.49	0.000	-14.000	-34.25	-33.19	-44.57	-36.26	-41.47	-38.49
-151.50	-19.78	-23.28	-11.9	-15.69	-17.27	-15.07	0.000	-14.000	-38.78	-42.28	-30.90	-34.69	-36.27	-34.07
-151.00	-18.05	-26.47	-35.54	-32.79	-14.34	-17.8	0.000	-14.000	-37.05	-45.47	-54.54	-51.79	-33.34	-36.80
-150.50	-16.11	-24.79	-15.92	-22.32	-24.09	-23.79	0.000	-14.000	-35.11	-43.79	-34.92	-41.32	-43.09	-42.79
-150.00	-19	-19.89	-17.7	-23.09	-17.37	-20.31	0.000	-14.000	-38.00	-38.89	-36.70	-42.09	-36.37	-39.31
-149.50	-24.63	-31.93	-23.71	-21.15	-23.27	-24.26	0.000	-14.000	-43.63	-50.93	-42.71	-40.15	-42.27	-43.26
-149.00	-35.35	-23.8	-26.79	-30.6	-21.03	-32.06	0.000	-14.000	-54.35	-42.80	-45.79	-49.60	-40.03	-51.06
-148.50	-17.66	-19.43	-17.69	-19.65	-16.4	-19.26	0.000	-14.000	-36.66	-38.43	-36.69	-38.65	-35.40	-38.26
-148.00	-22.5	-19.23	-14.32	-14.47	-16.17	-18.19	0.000	-14.000	-41.50	-38.23	-33.32	-33.47	-35.17	-37.19
-147.50	-21.89	-20.52	-20.72	-30.33	-19.53	-23.11	0.000	-14.000	-40.89	-39.52	-39.72	-49.33	-38.53	-42.11
-147.00	-16.63	-21.1	-16.68	-26.86	-25.95	-24.68	0.000	-14.000	-35.63	-40.10	-35.68	-45.86	-44.95	-43.68
-146.50	-23.99	-18.52	-17.62	-16.83	-19.52	-15.52	0.000	-14.000	-42.99	-37.52	-36.62	-35.83	-38.52	-34.52
-146.00	-20.57	-17.67	-28.32	-21.66	-19.89	-17.9	0.000	-14.000	-39.57	-36.67	-47.32	-40.66	-38.89	-36.90
-145.50	-17.56	-17.19	-16.46	-20.37	-46.27	-22.17	0.000	-14.000	-36.56	-36.19	-35.46	-39.37	-65.27	-41.17
-145.00	-40.15	-24.65	-25.67	-22.96	-26.3	-29.86	0.000	-14.000	-59.15	-43.65	-44.67	-41.96	-45.30	-48.86
-144.50	-16.4	-18.39	-17.69	-16.89	-28.91	-21.08	0.000	-14.000	-35.40	-37.39	-36.69	-35.89	-47.91	-40.08
-144.00	-17	-15.53	-14.31	-15.51	-16.81	-17.49	0.000	-14.000	-36.00	-34.53	-33.31	-34.51	-35.81	-36.49
-143.50	-20.19	-16.42	-27.51	-14.71	-30.44	-14.84	0.000	-14.000	-39.19	-35.42	-46.51	-33.71	-49.44	-33.84
-143.00	-16.99	-20.35	-16.08	-16.5	-14.35	-20.33	0.000	-14.000	-35.99	-39.35	-35.08	-35.50	-33.35	-39.33
-142.50	-14.92	-18.79	-18.97	-25.46	-23.28	-32.91	0.000	-14.000	-33.92	-37.79	-37.97	-44.46	-42.28	-51.91
-142.00	-27.77	-14.51	-18.03	-16.27	-18.56	-17.84	0.000	-14.000	-46.77	-33.51	-37.03	-35.27	-37.56	-36.84
-141.50	-13.18	-21.17	-11.34	-13.64	-14.17	-10.61	0.000	-14.000	-32.18	-40.17	-30.34	-32.64	-33.17	-29.61
-141.00	-14.11	-15.9	-14.25	-12.72	-14.31	-15	0.000	-14.000	-33.11	-34.90	-33.25	-31.72	-33.31	-34.00
-140.50	-15.82	-15.56	-26.95	-12.78	-15.82	-13.64	0.000	-14.000	-34.82	-34.56	-45.95	-31.78	-34.82	-32.64
-140.00	-27.01	-14.87	-14.78	-16.66	-14.87	-11.09	0.000	-14.000	-46.01	-33.87	-33.78	-35.66	-33.87	-30.09
-139.50	-16.95	-22.25	-16	-13.22	-14.99	-22.36	0.000	-14.000	-35.95	-41.25	-35.00	-32.22	-33.99	-41.36
-139.00	-12.42	-18.06	-14.19	-16.14	-17.73	-14.27	0.000	-14.000	-31.42	-37.06	-33.19	-35.14	-36.73	-33.27
-138.50	-10.28	-12.31	-10.67	-11.26	-12.96	-16.18	0.000	-14.000	-29.28	-31.31	-29.67	-30.26	-31.96	-35.18
-138.00	-10.48	-9.63	-10.84	-11.12	-9.45	-15.92	0.000	-14.000	-29.48	-28.63	-29.84	-30.12	-28.45	-34.92
-137.50	-11.63	-12.59	-10.52	-10.78	-10.3	-10.1	0.000	-14.000	-30.63	-31.59	-29.52	-29.78	-29.30	-29.10
-137.00	-9.66	-11.55	-9.68	-9.85	-10.91	-8.72	0.000	-14.000	-28.66	-30.55	-28.68	-28.85	-29.91	-27.72
-136.50	-9.25	-9.74	-9.57	-8.11	-9.72	-10.54	0.000	-14.000	-28.25	-28.74	-28.57	-27.11	-28.72	-29.54
-136.00	-9.14	-10.65	-6.15	-7.12	-9.63	-10.63	0.000	-14.000	-28.14	-29.65	-25.15	-26.12	-28.63	-29.63
-135.50	-7.95	-8.88	-5.77	-7.18	-7.35	-12.42	0.000	-14.000	-26.95	-27.88	-24.77	-26.18	-26.35	-31.42
-135.00	-8.52	-8.61	-4.92	-6.86	-7.66	-7.64	0.000	-14.000	-27.52	-27.61	-23.92	-25.86	-26.66	-26.64
-134.50	-7.51	-8.5	-5.02	-5.62	-5.29	-6.1	0.000	-14.000	-26.51	-27.50	-24.02	-24.62	-24.29	-25.10
-134.00	-5.39	-8.18	-2.96	-4.62	-4.78	-4.53	0.000	-14.000	-24.39	-27.18	-21.96	-23.62	-23.78	-23.53
-133.50	-3.85	-5.95	-2	-5.27	-3.12	-2.56	0.000	-14.000	-22.85	-24.95	-21.00	-24.27	-22.12	-21.56
-133.00	-3.1	-4.63	-1.47	-4.07	-1.45	-1.65	0.000	-14.000	-22.10	-23.63	-20.47	-23.07	-20.45	-20.65
-132.50	-1.23	-3.91	-1.42	-2.88	-0.62	-0.63	0.000	-14.000	-20.23	-22.91	-20.42	-21.88	-19.62	-19.63
-132.00	-0.73	-4.19	-0.79	-2.27	-0.59	-0.7	0.000	-14.000	-19.73	-23.19	-19.79	-21.27	-19.59	-19.70
-131.50	-1.3	-4.36	0.08	-1.56	-1.39	-0.92	0.000	-14.000	-20.30	-23.36	-18.92	-20.56	-20.39	-19.92
-131.00	-1.37	-3.7	0	-1.68	-0.92	-1.85	0.000	-14.000	-20.37	-22.70	-19.00	-20.68	-19.92	-20.85
-130.50	-2.82	-4.38	-0.96	-1.85	-0.64	-2.34	0.000	-14.000	-21.82	-23.38	-19.96	-20.85	-19.64	-21.34
-130.00	-3.05	-3.61	-1.21	-1.97	-2.86	-4.34	0.000	-14.000	-22.05	-22.61	-20.21	-20.97	-21.86	-23.34
-129.50	-3.19	-3.36	-1.66	-2.39	-2.92	-3.4	0.000	-14.000	-22.19	-22.36	-20.66	-21.39	-21.92	-22.40
-129.00	-2.81	-4.18	-2.33	-3.28	-1.68	-3.25	0.000	-14.000	-21.81	-23.18	-21.33	-22.28	-20.68	-22.25
-128.50	-2.95	-4.67	-2.61	-2.74	-2.59	-5.07	0.000	-14.000	-21.95	-23.67	-21.61	-21.74	-21.59	-24.07

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-128.00	-3.98	-3.9	-2.9	-3.02	-2.53	-3.09	0.000	-14.000	-22.98	-22.90	-21.90	-22.02	-21.53	-22.09
-127.50	-4.41	-4.31	-3.82	-3.7	-2.65	-3.36	0.000	-14.000	-23.41	-23.31	-22.82	-22.70	-21.65	-22.36
-127.00	-2.93	-3.89	-3.53	-3.8	-3.88	-3.12	0.000	-14.000	-21.93	-22.89	-22.53	-22.80	-22.88	-22.12
-126.50	-2.97	-2.8	-2.36	-3.67	-5	-2.7	0.000	-14.000	-21.97	-21.80	-21.36	-22.67	-24.00	-21.70
-126.00	-2.47	-3.99	-2.38	-3.53	-5.08	-3.12	0.000	-14.000	-21.47	-22.99	-21.38	-22.53	-24.08	-22.12
-125.50	-2.46	-4.06	-1.76	-4.42	-5.56	-4.18	0.000	-14.000	-21.46	-23.06	-20.76	-23.42	-24.56	-23.18
-125.00	-3.93	-5.49	-1.76	-3.93	-5.45	-4.64	0.000	-14.000	-22.93	-24.49	-20.76	-22.93	-24.45	-23.64
-124.50	-5.28	-7.56	-3.64	-4	-7.03	-3.92	0.000	-14.000	-24.28	-26.56	-22.64	-23.00	-26.03	-22.92
-124.00	-7.68	-6.64	-3.33	-4.22	-6.92	-4.1	0.000	-14.000	-26.68	-25.64	-22.33	-23.22	-25.92	-23.10
-123.50	-7.34	-6.29	-4.6	-4.44	-6.91	-3.03	0.000	-14.000	-26.34	-25.29	-23.60	-23.44	-25.91	-22.03
-123.00	-5.56	-7.77	-5.45	-4.6	-5.67	-4.6	0.000	-14.000	-24.56	-26.77	-24.45	-23.60	-24.67	-23.60
-122.50	-7.4	-7.51	-6.69	-7.01	-6.06	-4.79	0.000	-14.000	-26.40	-26.51	-25.69	-26.01	-25.06	-23.79
-122.00	-5.36	-8.97	-4.65	-4.6	-3.55	-4.05	0.000	-14.000	-24.36	-27.97	-23.65	-23.60	-22.55	-23.05
-121.50	-4.37	-7.73	-4.04	-4.04	-5.11	-6.43	0.000	-14.000	-23.37	-26.73	-23.04	-23.04	-24.11	-25.43
-121.00	-6.63	-6.67	-5.64	-6.58	-7.22	-8.41	0.000	-14.000	-25.63	-25.67	-24.64	-25.58	-26.22	-27.41
-120.50	-8.86	-11.99	-9.16	-7.45	-4.53	-8.94	0.000	-14.000	-27.86	-30.99	-28.16	-26.45	-23.53	-27.94
-120.00	-10.27	-8.65	-6.84	-6.33	-6.16	-4.46	0.000	-14.000	-29.27	-27.65	-25.84	-25.33	-25.16	-23.46
-119.50	-11.43	-8.55	-11.46	-5.99	-17.67	-4.67	0.000	-14.000	-30.43	-27.55	-30.46	-24.99	-36.67	-23.67
-119.00	-12.93	-9.88	-14.84	-6.63	-16.19	-8.88	0.000	-14.000	-31.93	-28.88	-33.84	-25.63	-35.19	-27.88
-118.50	-15.29	-8.5	-14.65	-7.19	-20.9	-5.88	0.000	-14.000	-34.29	-27.50	-33.65	-26.19	-39.90	-24.88
-118.00	-11.37	-9.39	-9.86	-6.04	-14.38	-7.55	0.000	-14.000	-30.37	-28.39	-28.86	-25.04	-33.38	-26.55
-117.50	-10.31	-9.11	-11.25	-7.45	-33.07	-8.22	0.000	-14.000	-29.31	-28.11	-30.25	-26.45	-52.07	-27.22
-117.00	-13.88	-11.22	-11.55	-6.73	-12.56	-5.41	0.000	-14.000	-32.88	-30.22	-30.55	-25.73	-31.56	-24.41
-116.50	-15.84	-12.98	-8.78	-6.99	-12.81	-9.94	0.000	-14.000	-34.84	-31.98	-27.78	-25.99	-31.81	-28.94
-116.00	-16.83	-15.09	-14.28	-7.23	-11.54	-9.83	0.000	-14.000	-35.83	-34.09	-33.28	-26.23	-30.54	-28.83
-115.50	-12.72	-13.95	-11.23	-6.32	-7.67	-8.79	0.000	-14.000	-31.72	-32.95	-30.23	-25.32	-26.67	-27.79
-115.00	-11.12	-11.53	-9.6	-7.01	-10.94	-11.99	0.000	-14.000	-30.12	-30.53	-28.60	-26.01	-29.94	-30.99
-114.50	-9.8	-10.6	-9.54	-8.7	-13.16	-13.53	0.000	-14.000	-28.80	-29.60	-28.54	-27.70	-32.16	-32.53
-114.00	-10.25	-11.2	-15.16	-11.66	-14.33	-7.76	0.000	-14.000	-29.25	-30.20	-34.16	-30.66	-33.33	-26.76
-113.50	-12.41	-14.1	-9.88	-9.5	-19.37	-12.64	0.000	-14.000	-31.41	-33.10	-28.88	-28.50	-38.37	-31.64
-113.00	-10.48	-12.12	-18.05	-17.57	-20.97	-8.87	0.000	-14.000	-29.48	-31.12	-37.05	-36.57	-39.97	-27.87
-112.50	-22.87	-14.79	-11.73	-13.04	-29.91	-7.78	0.000	-14.000	-41.87	-33.79	-30.73	-32.04	-48.91	-26.78
-112.00	-8.94	-14.88	-11.94	-11.67	-22	-10.57	0.000	-14.000	-27.94	-33.88	-30.94	-30.67	-41.00	-29.57
-111.50	-9.88	-12.96	-14.9	-13.18	-28.92	-8.45	0.000	-14.000	-28.88	-31.96	-33.90	-32.18	-47.92	-27.45
-111.00	-12.68	-12.74	-7.85	-10.75	-13.39	-7.86	0.000	-14.000	-31.68	-31.74	-26.85	-29.75	-32.39	-26.86
-110.50	-12.41	-13.76	-10.15	-11.96	-25.86	-10.43	0.000	-14.000	-31.41	-32.76	-29.15	-30.96	-44.86	-29.43
-110.00	-26.4	-10.37	-14.38	-14.48	-11.81	-8.92	0.000	-14.000	-45.40	-29.37	-33.38	-33.48	-30.81	-27.92
-109.50	-10.23	-12.11	-10.56	-12.61	-21.91	-9.06	0.000	-14.000	-29.23	-31.11	-29.56	-31.61	-40.91	-28.06
-109.00	-17.68	-10.97	-17.45	-11.43	-13.39	-17.89	0.000	-14.000	-36.68	-29.97	-36.45	-30.43	-32.39	-36.89
-108.50	-10.28	-10.21	-12.28	-14.55	-11.83	-12.28	0.000	-14.000	-29.28	-29.21	-31.28	-33.55	-30.83	-31.28
-108.00	-7	-13.46	-25.68	-10.49	-22.44	-13.11	0.000	-14.000	-26.00	-32.46	-44.68	-29.49	-41.44	-32.11
-107.50	-10.58	-13.11	-9.96	-11.99	-21.49	-14.94	0.000	-14.000	-29.58	-32.11	-28.96	-30.99	-40.49	-33.94
-107.00	-8.32	-10.46	-9.35	-10.77	-18.29	-10.98	0.000	-14.000	-27.32	-29.46	-28.35	-29.77	-37.29	-29.98
-106.50	-9.96	-9.77	-9.78	-10.6	-11.4	-11.43	0.000	-14.000	-28.96	-28.77	-28.78	-29.60	-30.40	-30.43
-106.00	-17.24	-11.65	-4.81	-8	-13.82	-9.74	0.000	-14.000	-36.24	-30.65	-23.81	-27.00	-32.82	-28.74
-105.50	-16.86	-10.75	-4.98	-7.55	-10.03	-7.53	0.000	-14.000	-35.86	-29.75	-23.98	-26.55	-29.03	-26.53
-105.00	-13.42	-10.93	-5.55	-7.01	-6.4	-7.89	0.000	-14.000	-32.42	-29.93	-24.55	-26.01	-25.40	-26.89
-104.50	-10.87	-9.1	-6.1	-8.4	-7.89	-9.27	0.000	-14.000	-29.87	-28.10	-25.10	-27.40	-26.89	-28.27
-104.00	-8.69	-8.57	-7.41	-8.3	-10.23	-10.52	0.000	-14.000	-27.69	-27.57	-26.41	-27.30	-29.23	-29.52
-103.50	-8.01	-9.67	-9.49	-9.65	-9.23	-8.96	0.000	-14.000	-27.01	-28.67	-28.49	-28.65	-28.23	-27.96
-103.00	-7.92	-7.94	-9.28	-11.68	-14.86	-10.39	0.000	-14.000	-26.92	-26.94	-28.28	-30.68	-33.86	-29.39
-102.50	-8.46	-9.12	-8.29	-10.87	-12.48	-10.04	0.000	-14.000	-27.46	-28.12	-27.29	-29.87	-31.48	-29.04

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-102.00	-5.72	-12.32	-8.51	-10.21	-10.58	-9.31	0.000	-14.000	-24.72	-31.32	-27.51	-29.21	-29.58	-28.31
-101.50	-9.76	-12.35	-5.63	-10.53	-10.76	-10.88	0.000	-14.000	-28.76	-31.35	-24.63	-29.53	-29.76	-29.88
-101.00	-9.99	-11.65	-8.77	-12.31	-6.8	-9.96	0.000	-14.000	-28.99	-30.65	-27.77	-31.31	-25.80	-28.96
-100.50	-6.81	-11.42	-9.83	-11.82	-6.76	-13.34	0.000	-14.000	-25.81	-30.42	-28.83	-30.82	-25.76	-32.34
-100.00	-12.71	-15.16	-6.4	-10.77	-8.65	-14.41	0.000	-14.000	-31.71	-34.16	-25.40	-29.77	-27.65	-33.41
-99.50	-11.73	-12.12	-10.48	-12.61	-7.39	-11.21	0.000	-14.000	-30.73	-31.12	-29.48	-31.61	-26.39	-30.21
-99.00	-8.71	-11.67	-13.8	-10.59	-7.82	-14.87	0.000	-14.000	-27.71	-30.67	-32.80	-29.59	-26.82	-33.87
-98.50	-11.51	-13.39	-8.55	-8.69	-12.34	-24.87	0.000	-14.000	-30.51	-32.39	-27.55	-27.69	-31.34	-43.87
-98.00	-8.51	-11.13	-9.72	-11.01	-13.36	-14.87	0.000	-14.000	-27.51	-30.13	-28.72	-30.01	-32.36	-33.87
-97.50	-4.49	-10.11	-9.57	-12.23	-13.09	-15.75	0.000	-14.000	-23.49	-29.11	-28.57	-31.23	-32.09	-34.75
-97.00	-6.4	-11.03	-6.98	-11.02	-11.31	-17.02	0.000	-14.000	-25.40	-30.03	-25.98	-30.02	-30.31	-36.02
-96.50	-8.28	-13.19	-6.35	-11.82	-12.43	-17.66	0.000	-14.000	-27.28	-32.19	-25.35	-30.82	-31.43	-36.66
-96.00	-6.87	-12.23	-7.11	-12.37	-13.4	-13.07	0.000	-14.000	-25.87	-31.23	-26.11	-31.37	-32.40	-32.07
-95.50	-8.49	-13.54	-7.24	-11.55	-14.98	-13.65	0.000	-14.000	-27.49	-32.54	-26.24	-30.55	-33.98	-32.65
-95.00	-13.52	-16.63	-8.44	-10.92	-11.96	-13.7	0.000	-14.000	-32.52	-35.63	-27.44	-29.92	-30.96	-32.70
-94.50	-13.88	-20.32	-11.47	-10.81	-11.63	-14.82	0.000	-14.000	-32.88	-39.32	-30.47	-29.81	-30.63	-33.82
-94.00	-17.38	-20.71	-20.38	-11.85	-13.75	-14.5	0.000	-14.000	-36.38	-39.71	-39.38	-30.85	-32.75	-33.50
-93.50	-16.17	-22.09	-15.37	-13.4	-25.75	-14.96	0.000	-14.000	-35.17	-41.09	-34.37	-32.40	-44.75	-33.96
-93.00	-12.24	-20.69	-13.69	-17.73	-20.45	-16.1	0.000	-14.000	-31.24	-39.69	-32.69	-36.73	-39.45	-35.10
-92.50	-11.99	-19.45	-15.81	-22.48	-19.34	-20.44	0.000	-14.000	-30.99	-38.45	-34.81	-41.48	-38.34	-39.44
-92.00	-10.32	-19.02	-12.8	-20.49	-13.34	-18.94	0.000	-14.000	-29.32	-38.02	-31.80	-39.49	-32.34	-37.94
-91.50	-12.24	-13.91	-9.7	-18.9	-15.02	-16.44	0.000	-14.000	-31.24	-32.91	-28.70	-37.90	-34.02	-35.44
-91.00	-18.56	-14.85	-9.37	-18.58	-14.64	-20.95	0.000	-14.000	-37.56	-33.85	-28.37	-37.58	-33.64	-39.95
-90.50	-21.06	-20.99	-17.94	-18.05	-11.65	-31.81	0.000	-14.000	-40.06	-39.99	-36.94	-37.05	-30.65	-50.81
-90.00	-15.9	-20.32	-19.22	-18.17	-9.4	-22.43	0.000	-14.000	-34.90	-39.32	-38.22	-37.17	-28.40	-41.43
-89.50	-11.08	-15.74	-15.97	-20.74	-15.69	-20.06	0.000	-14.000	-30.08	-34.74	-34.97	-39.74	-34.69	-39.06
-89.00	-8.87	-13.57	-12.17	-17.41	-23.32	-18.35	0.000	-14.000	-27.87	-32.57	-31.17	-36.41	-42.32	-37.35
-88.50	-8.95	-14.77	-9.44	-17.34	-14.5	-14.68	0.000	-14.000	-27.95	-33.77	-28.44	-36.34	-33.50	-33.68
-88.00	-8.46	-16.22	-10.14	-17.42	-8.95	-16.07	0.000	-14.000	-27.46	-35.22	-29.14	-36.42	-27.95	-35.07
-87.50	-7.47	-16.68	-11.15	-13.67	-8.31	-16.19	0.000	-14.000	-26.47	-35.68	-30.15	-32.67	-27.31	-35.19
-87.00	-13.52	-21.04	-9.41	-12.41	-7.82	-20.76	0.000	-14.000	-32.52	-40.04	-28.41	-31.41	-26.82	-39.76
-86.50	-15.03	-31.9	-8.27	-14.32	-7.37	-21.44	0.000	-14.000	-34.03	-50.90	-27.27	-33.32	-26.37	-40.44
-86.00	-15.93	-25.41	-10.45	-16.22	-8.25	-17.56	0.000	-14.000	-34.93	-44.41	-29.45	-35.22	-27.25	-36.56
-85.50	-16.88	-33.1	-16.38	-16.44	-11.29	-13.08	0.000	-14.000	-35.88	-52.10	-35.38	-35.44	-30.29	-32.08
-85.00	-16.32	-26.11	-17.03	-17.67	-11.91	-12.3	-10.000	-24.000	-35.32	-45.11	-36.03	-36.67	-30.91	-31.30
-84.50	-14.43	-20.56	-10.08	-18.68	-11.89	-15.39	-10.000	-24.000	-33.43	-39.56	-29.08	-37.68	-30.89	-34.39
-84.00	-17.62	-20.62	-8.49	-14.14	-7.96	-14.96	-10.000	-24.000	-36.62	-39.62	-27.49	-33.14	-26.96	-33.96
-83.50	-21.14	-29.34	-9.86	-15.57	-7.77	-16.13	-10.000	-24.000	-40.14	-48.34	-28.86	-34.57	-26.77	-35.13
-83.00	-19.85	-23.47	-10.4	-17.49	-9.4	-21.7	-10.000	-24.000	-38.85	-42.47	-29.40	-36.49	-28.40	-40.70
-82.50	-20.7	-22.06	-9.2	-17.48	-10.64	-15.79	-10.000	-24.000	-39.70	-41.06	-28.20	-36.48	-29.64	-34.79
-82.00	-38.37	-23.8	-12.43	-16.43	-11.95	-17.82	-10.000	-24.000	-57.37	-42.80	-31.43	-35.43	-30.95	-36.82
-81.50	-25.79	-24.12	-16.88	-17.35	-12.06	-21.85	-10.000	-24.000	-44.79	-43.12	-35.88	-36.35	-31.06	-40.85
-81.00	-24.39	-18.64	-17.19	-27.05	-17.59	-18.1	-10.000	-24.000	-43.39	-37.64	-36.19	-46.05	-36.59	-37.10
-80.50	-20.48	-19.25	-22.36	-27.21	-19.69	-22.21	-10.000	-24.000	-39.48	-38.25	-41.36	-46.21	-38.69	-41.21
-80.00	-14.32	-22.22	-20.54	-29.24	-14.53	-21.81	-10.000	-24.000	-33.32	-41.22	-39.54	-48.24	-33.53	-40.81
-79.50	-10.63	-31.17	-13.03	-18.86	-18.25	-21.29	-10.000	-24.000	-29.63	-50.17	-32.03	-37.86	-37.25	-40.29
-79.00	-11.69	-20.21	-9.75	-19.08	-18.44	-27.53	-10.000	-24.000	-30.69	-39.21	-28.75	-38.08	-37.44	-46.53
-78.50	-13.04	-14.99	-9.83	-17.6	-15.28	-26.45	-10.000	-24.000	-32.04	-33.99	-28.83	-36.60	-34.28	-45.45
-78.00	-10.06	-12.47	-11.41	-16.45	-10.69	-21.61	-10.000	-24.000	-29.06	-31.47	-30.41	-35.45	-29.69	-40.61
-77.50	-11.01	-11.71	-10.05	-12.58	-12.64	-18.13	-10.000	-24.000	-30.01	-30.71	-29.05	-31.58	-31.64	-37.13
-77.00	-16.8	-15.5	-7.53	-12.14	-8.99	-15.61	-10.000	-24.000	-35.80	-34.50	-26.53	-31.14	-27.99	-34.61
-76.50	-15.11	-15.11	-10	-12.26	-8.85	-14.26	-10.000	-24.000	-34.11	-34.11	-29.00	-31.26	-27.85	-33.26

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-76.00	-16.84	-17.38	-9.41	-12.76	-10.07	-12.49	-10.000	-24.000	-35.84	-36.38	-28.41	-31.76	-29.07	-31.49
-75.50	-14.21	-16.14	-12.68	-13.7	-13	-13.91	-10.000	-24.000	-33.21	-35.14	-31.68	-32.70	-32.00	-32.91
-75.00	-13.68	-22.13	-9.76	-12.64	-16.3	-14.48	-10.000	-24.000	-32.68	-41.13	-28.76	-31.64	-35.30	-33.48
-74.50	-9.56	-21.27	-11.06	-12.88	-14.82	-15.02	-10.000	-24.000	-28.56	-40.27	-30.06	-31.88	-33.82	-34.02
-74.00	-9.92	-23.19	-8.43	-13.14	-20.47	-15.94	-10.000	-24.000	-28.92	-42.19	-27.43	-32.14	-39.47	-34.94
-73.50	-10.32	-26.65	-10.44	-20.88	-15.33	-22.73	-10.000	-24.000	-29.32	-45.65	-29.44	-39.88	-34.33	-41.73
-73.00	-17.41	-23.47	-16.13	-26.62	-16.83	-20.97	-10.000	-24.000	-36.41	-42.47	-35.13	-45.62	-35.83	-39.97
-72.50	-24.29	-28.44	-21.32	-18.6	-27.45	-18.03	-10.000	-24.000	-43.29	-47.44	-40.32	-37.60	-46.45	-37.03
-72.00	-19.18	-26.44	-19.2	-17.64	-26.68	-15.94	-10.000	-24.000	-38.18	-45.44	-38.20	-36.64	-45.68	-34.94
-71.50	-16.21	-38.24	-17.36	-15.14	-17.43	-13.33	-10.000	-24.000	-35.21	-57.24	-36.36	-34.14	-36.43	-32.33
-71.00	-15.96	-23.17	-11.29	-19.5	-11.39	-13.59	-10.000	-24.000	-34.96	-42.17	-30.29	-38.50	-30.39	-32.59
-70.50	-22.5	-28.5	-9.54	-17.72	-11.87	-13.9	-10.000	-24.000	-41.50	-47.50	-28.54	-36.72	-30.87	-32.90
-70.00	-26.18	-21.54	-8.23	-16.85	-10.18	-15.13	-10.000	-24.000	-45.18	-40.54	-27.23	-35.85	-29.18	-34.13
-69.50	-22.22	-23.49	-9.76	-19.18	-12.6	-26.25	-10.000	-24.000	-41.22	-42.49	-28.76	-38.18	-31.60	-45.25
-69.00	-23.35	-22.85	-10.97	-20.51	-13.46	-24.27	-10.000	-24.000	-42.35	-41.85	-29.97	-39.51	-32.46	-43.27
-68.50	-23.74	-18.92	-15.93	-24.57	-15.06	-28.11	-10.000	-24.000	-42.74	-37.92	-34.93	-43.57	-34.06	-47.11
-68.00	-20.51	-17.08	-15.33	-15.15	-17.83	-32.12	-10.000	-24.000	-39.51	-36.08	-34.33	-34.15	-36.83	-51.12
-67.50	-13.52	-12.32	-11.26	-16.86	-19.3	-22.28	-10.000	-24.000	-32.52	-31.32	-30.26	-35.86	-38.30	-41.28
-67.00	-14.38	-11.26	-9.71	-14.34	-11.9	-25.27	-10.000	-24.000	-33.38	-30.26	-28.71	-33.34	-30.90	-44.27
-66.50	-12.26	-13.5	-9.38	-13.59	-9.38	-23.08	-10.000	-24.000	-31.26	-32.50	-28.38	-32.59	-28.38	-42.08
-66.00	-15.9	-15.29	-8	-14.41	-7.58	-16.78	-10.000	-24.000	-34.90	-34.29	-27.00	-33.41	-26.58	-35.78
-65.50	-15.21	-16.56	-10.53	-14.82	-7.2	-14.88	-10.000	-24.000	-34.21	-35.56	-29.53	-33.82	-26.20	-33.88
-65.00	-15.36	-21.46	-10.2	-13.85	-8.59	-12.04	-10.000	-24.000	-34.36	-40.46	-29.20	-32.85	-27.59	-31.04
-64.50	-18.22	-32.81	-12.78	-13.27	-8.21	-16.29	-10.000	-24.000	-37.22	-51.81	-31.78	-32.27	-27.21	-35.29
-64.00	-16.98	-29	-17	-11.85	-10.06	-15.86	-10.000	-24.000	-35.98	-48.00	-36.00	-30.85	-29.06	-34.86
-63.50	-14.35	-22.68	-10.4	-16.99	-11.88	-20.51	-10.000	-24.000	-33.35	-41.68	-29.40	-35.99	-30.88	-39.51
-63.00	-9.61	-18.26	-11.52	-17.19	-8.86	-22.77	-10.000	-24.000	-28.61	-37.26	-30.52	-36.19	-27.86	-41.77
-62.50	-8.02	-23.63	-8.6	-18.45	-9.42	-16.48	-10.000	-24.000	-27.02	-42.63	-27.60	-37.45	-28.42	-35.48
-62.00	-8.05	-20.2	-6.01	-24.22	-10.64	-15.45	-10.000	-24.000	-27.05	-39.20	-25.01	-43.22	-29.64	-34.45
-61.50	-7.84	-16.59	-4.14	-30.27	-11.41	-18.11	-10.000	-24.000	-26.84	-35.59	-23.14	-49.27	-30.41	-37.11
-61.00	-8.91	-13.94	-4.29	-25.21	-10.58	-21.92	-10.000	-24.000	-27.91	-32.94	-23.29	-44.21	-29.58	-40.92
-60.50	-11.07	-17.3	-5.42	-15.86	-10.5	-22.2	-10.000	-24.000	-30.07	-36.30	-24.42	-34.86	-29.50	-41.20
-60.00	-8.73	-16.46	-10.68	-11.84	-7.11	-17.16	-10.000	-24.000	-27.73	-35.46	-29.68	-30.84	-26.11	-36.16
-59.50	-6.55	-15.32	-10.05	-11.09	-7.44	-15.73	-10.000	-24.000	-25.55	-34.32	-29.05	-30.09	-26.44	-34.73
-59.00	-7.2	-16.13	-6.46	-14.49	-7.98	-11.86	-10.000	-24.000	-26.20	-35.13	-25.46	-33.49	-26.98	-30.86
-58.50	-9.13	-22.28	-5.62	-14.18	-7.87	-14.32	-10.000	-24.000	-28.13	-41.28	-24.62	-33.18	-26.87	-33.32
-58.00	-7.71	-29.55	-4.89	-20.62	-7.08	-11.68	-10.000	-24.000	-26.71	-48.55	-23.89	-39.62	-26.08	-30.68
-57.50	-5.7	-23.66	-6.76	-21.11	-6.28	-12.17	-10.000	-24.000	-24.70	-42.66	-25.76	-40.11	-25.28	-31.17
-57.00	-4.22	-24.74	-5.54	-27.06	-7.73	-11.38	-10.000	-24.000	-23.22	-43.74	-24.54	-46.06	-26.73	-30.38
-56.50	-3.36	-18.56	-6.73	-17.79	-8.87	-16.44	-10.000	-24.000	-22.36	-37.56	-25.73	-36.79	-27.87	-35.44
-56.00	-4.49	-21.62	-5.18	-15.95	-7.72	-19.03	-10.000	-24.000	-23.49	-40.62	-24.18	-34.95	-26.72	-38.03
-55.50	-6.16	-14.95	-4.52	-18.72	-6.16	-20.6	-10.000	-24.000	-25.16	-33.95	-23.52	-37.72	-25.16	-39.60
-55.00	-9.35	-17.5	-6.11	-13.17	-5.41	-15.76	-10.000	-24.000	-28.35	-36.50	-25.11	-32.17	-24.41	-34.76
-54.50	-10.42	-27.94	-7.22	-13.08	-5.32	-10.39	-10.000	-24.000	-29.42	-46.94	-26.22	-32.08	-24.32	-29.39
-54.00	-7.95	-21.02	-5.66	-16.18	-7.37	-11.49	-10.000	-24.000	-26.95	-40.02	-24.66	-35.18	-26.37	-30.49
-53.50	-6.55	-20.66	-5.39	-16.81	-9.55	-9.91	-10.000	-24.000	-25.55	-39.66	-24.39	-35.81	-28.55	-28.91
-53.00	-9.27	-22.54	-5.09	-18.99	-5.59	-10.35	-10.000	-24.000	-28.27	-41.54	-24.09	-37.99	-24.59	-29.35
-52.50	-9.94	-20.89	-6.71	-16	-4.38	-13.13	-10.000	-24.000	-28.94	-39.89	-25.71	-35.00	-23.38	-32.13
-52.00	-8.08	-17.38	-10.47	-13.06	-5.43	-19.67	-10.000	-24.000	-27.08	-36.38	-29.47	-32.06	-24.43	-38.67
-51.50	-7.59	-18.34	-10.36	-11.05	-7.62	-20.88	-10.000	-24.000	-26.59	-37.34	-29.36	-30.05	-26.62	-39.88
-51.00	-9.43	-16.27	-8.87	-8.27	-9.93	-11.45	-10.000	-24.000	-28.43	-35.27	-27.87	-27.27	-28.93	-30.45
-50.50	-9.5	-14.35	-6.6	-7.87	-7.78	-7.16	-10.000	-24.000	-28.50	-33.35	-25.60	-26.87	-26.78	-26.16

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-50.00	-12.28	-16.03	-6.55	-12.13	-7.33	-9.56	-10.000	-24.000	-31.28	-35.03	-25.55	-31.13	-26.33	-28.56
-49.50	-13.57	-11.96	-6.37	-21.95	-8.62	-7.67	-10.000	-24.000	-32.57	-30.96	-25.37	-40.95	-27.62	-26.67
-49.00	-14.14	-15.48	-8.64	-17.79	-9.78	-8.83	-10.000	-24.000	-33.14	-34.48	-27.64	-36.79	-28.78	-27.83
-48.50	-10.03	-16.26	-8.18	-20.37	-5.08	-14.71	-10.000	-24.000	-29.03	-35.26	-27.18	-39.37	-24.08	-33.71
-48.00	-9.36	-17.83	-7.41	-25.5	-5.43	-16.23	-10.031	-24.031	-28.36	-36.83	-26.41	-44.50	-24.43	-35.23
-47.50	-7.76	-13.33	-14.13	-14.06	-11.43	-27.84	-9.917	-23.917	-26.76	-32.33	-33.13	-33.06	-30.43	-46.84
-47.00	-10.96	-11.04	-17.4	-11.45	-8.63	-13.68	-9.802	-23.802	-29.96	-30.04	-36.40	-30.45	-27.63	-32.68
-46.50	-18.92	-13.43	-11.55	-15.64	-8.78	-15.28	-9.686	-23.686	-37.92	-32.43	-30.55	-34.64	-27.78	-34.28
-46.00	-13.94	-16.92	-13.91	-15.26	-7.7	-17.77	-9.569	-23.569	-32.94	-35.92	-32.91	-34.26	-26.70	-36.77
-45.50	-33.49	-31.18	-15.3	-15.5	-7.74	-12.36	-9.450	-23.450	-52.49	-50.18	-34.30	-34.50	-26.74	-31.36
-45.00	-16.99	-22.16	-13.95	-15.8	-10.72	-12.14	-9.330	-23.330	-35.99	-41.16	-32.95	-34.80	-29.72	-31.14
-44.50	-12.46	-17.5	-12.95	-22.18	-9.8	-12.29	-9.209	-23.209	-31.46	-36.50	-31.95	-41.18	-28.80	-31.29
-44.00	-10.85	-10.5	-12.19	-14.55	-5.74	-9.94	-9.086	-23.086	-29.85	-29.50	-31.19	-33.55	-24.74	-28.94
-43.50	-8.65	-9.29	-7.9	-14.43	-8.3	-8.08	-8.962	-22.962	-27.65	-28.29	-26.90	-33.43	-27.30	-27.08
-43.00	-7.38	-11.48	-11.88	-17.75	-17.94	-11.32	-8.837	-22.837	-26.38	-30.48	-30.88	-36.75	-36.94	-30.32
-42.50	-5.89	-14.91	-21.81	-12.36	-18.98	-13.74	-8.710	-22.710	-24.89	-33.91	-40.81	-31.36	-37.98	-32.74
-42.00	-9.55	-15.53	-20.19	-11.45	-15.03	-9.9	-8.581	-22.581	-28.55	-34.53	-39.19	-30.45	-34.03	-28.90
-41.50	-17.46	-11.72	-17.9	-10.68	-22.12	-10.28	-8.451	-22.451	-36.46	-30.72	-36.90	-29.68	-41.12	-29.28
-41.00	-15.43	-8.01	-12.95	-10.06	-24.82	-11.35	-8.320	-22.320	-34.43	-27.01	-31.95	-29.06	-43.82	-30.35
-40.50	-12.66	-6.61	-18.92	-9.86	-11.46	-12.85	-8.186	-22.186	-31.66	-25.61	-37.92	-28.86	-30.46	-31.85
-40.00	-8.77	-7.06	-11.41	-8.81	-5.83	-8.21	-8.051	-22.051	-27.77	-26.06	-30.41	-27.81	-24.83	-27.21
-39.50	-6.5	-6.7	-19.17	-9.99	-7.6	-5.85	-7.915	-21.915	-25.50	-25.70	-38.17	-28.99	-26.60	-24.85
-39.00	-5.68	-11.46	-12.83	-12.02	-7.58	-7.1	-7.777	-21.777	-24.68	-30.46	-31.83	-31.02	-26.58	-26.10
-38.50	-8.91	-8.9	-12.57	-14.83	-6.36	-8.83	-7.637	-21.637	-27.91	-27.90	-31.57	-33.83	-25.36	-27.83
-38.00	-9.4	-10.85	-11.1	-12.57	-8.63	-10.52	-7.495	-21.495	-28.40	-29.85	-30.10	-31.57	-27.63	-29.52
-37.50	-9.14	-7.96	-11.58	-18.62	-10.95	-10.39	-7.351	-21.351	-28.14	-26.96	-30.58	-37.62	-29.95	-29.39
-37.00	-12.57	-8.71	-10.85	-17.95	-15.62	-12.6	-7.205	-21.205	-31.57	-27.71	-29.85	-36.95	-34.62	-31.60
-36.50	-35.6	-9.19	-14.97	-16.03	-10.78	-20.31	-7.057	-21.057	-54.60	-28.19	-33.97	-35.03	-29.78	-39.31
-36.00	-11.66	-17.45	-11.88	-15.24	-11.71	-13.67	-6.908	-20.908	-30.66	-36.45	-30.88	-34.24	-30.71	-32.67
-35.50	-11.16	-30.27	-11.63	-10.49	-30.17	-15.25	-6.756	-20.756	-30.16	-49.27	-30.63	-29.49	-49.17	-34.25
-35.00	-11.49	-12.7	-7.09	-8.07	-12.89	-17.55	-6.602	-20.602	-30.49	-31.70	-26.09	-27.07	-31.89	-36.55
-34.50	-13.19	-13.39	-12.77	-9.08	-6.38	-6.79	-6.445	-20.445	-32.19	-32.39	-31.77	-28.08	-25.38	-25.79
-34.00	-11.61	-17.26	-11.15	-11.93	-4.5	-7.87	-6.287	-20.287	-30.61	-36.26	-30.15	-30.93	-23.50	-26.87
-33.50	-7.72	-11.55	-7.26	-10.42	-8.19	-9.81	-6.126	-20.126	-26.72	-30.55	-26.26	-29.42	-27.19	-28.81
-33.00	-12.55	-11.43	-10.39	-15.89	-10.8	-11.93	-5.963	-19.963	-31.55	-30.43	-29.39	-34.89	-29.80	-30.93
-32.50	-18.11	-12.67	-14.66	-18.52	-7.72	-8.26	-5.797	-19.797	-37.11	-31.67	-33.66	-37.52	-26.72	-27.26
-32.00	-13.88	-14.38	-9.04	-10.2	-8.75	-10.64	-5.629	-19.629	-32.88	-33.38	-28.04	-29.20	-27.75	-29.64
-31.50	-13.47	-12.15	-17.21	-8.63	-13.85	-10.64	-5.458	-19.458	-32.47	-31.15	-36.21	-27.63	-32.85	-29.64
-31.00	-14.66	-14.94	-15.98	-6.96	-15.82	-9.47	-5.284	-19.284	-33.66	-33.94	-34.98	-25.96	-34.82	-28.47
-30.50	-18.68	-21.37	-18.24	-11.35	-10.43	-7.53	-5.107	-19.107	-37.68	-40.37	-37.24	-30.35	-29.43	-26.53
-30.00	-12.06	-14.63	-9.59	-11.92	-9.69	-10.21	-4.928	-18.928	-31.06	-33.63	-28.59	-30.92	-28.69	-29.21
-29.50	-6.24	-17.44	-5.82	-14.1	-8.78	-12.75	-4.746	-18.746	-25.24	-36.44	-24.82	-33.10	-27.78	-31.75
-29.00	-9.5	-13.51	-6.71	-9.39	-6.95	-16.55	-4.560	-18.560	-28.50	-32.51	-25.71	-28.39	-25.95	-35.55
-28.50	-5.38	-7.23	-11.35	-5.99	-9.34	-14.23	-4.371	-18.371	-24.38	-26.23	-30.35	-24.99	-28.34	-33.23
-28.00	-3.17	-5.57	-8.3	-5.51	-4.7	-8.66	-4.179	-18.179	-22.17	-24.57	-27.30	-24.51	-23.70	-27.66
-27.50	-5.68	-12.95	-3.7	-7.78	-2.36	-3.71	-3.983	-17.983	-24.68	-31.95	-22.70	-26.78	-21.36	-22.71
-27.00	-2.29	-5.8	-0.97	-7.21	-5.24	-6.68	-3.784	-17.784	-21.29	-24.80	-19.97	-26.21	-24.24	-25.68
-26.50	-6.2	-6.89	-5.79	-8.73	-2.7	-6.75	-3.581	-17.581	-25.20	-25.89	-24.79	-27.73	-21.70	-25.75
-26.00	-16.35	-10.82	-10.88	-17.83	-6.55	-22.75	-3.374	-17.374	-35.35	-29.82	-29.88	-36.83	-25.55	-41.75
-25.50	-15.37	-17.14	-10.81	-16.04	-7.12	-14.04	-3.164	-17.164	-34.37	-36.14	-29.81	-35.04	-26.12	-33.04
-25.00	-10.65	-10.64	-8.12	-36.46	-6.91	-10.46	-2.949	-16.949	-29.65	-29.64	-27.12	-55.46	-25.91	-29.46
-24.50	-13.73	-16.22	-7.14	-7.17	-6.84	-7.41	-2.729	-16.729	-32.73	-35.22	-26.14	-26.17	-25.84	-26.41

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)							
								Max RF Power Density: -19.0 dBW/4kHz							
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)
-24.00	-15.79	-9.81	-14.79	-6.61	-9.34	-10.24	-2.505	-16.505	-34.79	-28.81	-33.79	-25.61	-28.34	-29.24	
-23.50	-26.1	-9.27	-11.38	-12.72	-8.29	-10.89	-2.277	-16.277	-45.10	-28.27	-30.38	-31.72	-27.29	-29.89	
-23.00	-8.9	-13.94	-7.43	-17.29	-7.29	-17.34	-2.043	-16.043	-27.90	-32.94	-26.43	-36.29	-26.29	-36.34	
-22.50	-6.34	-19.41	-16.33	-10.04	-14.95	-10.17	-1.805	-15.805	-25.34	-38.41	-35.33	-29.04	-33.95	-29.17	
-22.00	-2.61	-7.13	-3.94	-19.02	-7.82	-10.39	-1.561	-15.561	-21.61	-26.13	-22.94	-38.02	-26.82	-29.39	
-21.50	0.25	-3.53	-2.31	-10.21	-2.1	-5.66	-1.311	-15.311	-18.75	-22.53	-21.31	-29.21	-21.10	-24.66	
-21.00	-4.81	-15.74	-1.68	-10.14	-4.52	-13.76	-1.055	-15.055	-23.81	-34.74	-20.68	-29.14	-23.52	-32.76	
-20.50	-2.9	-9.22	-2.99	-7.66	1.45	-2.46	-0.794	-14.794	-21.90	-28.22	-21.99	-26.66	-17.55	-21.46	
-20.00	-11.82	-6	-4.58	-9.13	-5.44	-4.72	-0.526	-14.526	-30.82	-25.00	-23.58	-28.13	-24.44	-23.72	
-19.50	-6.76	-17.89	-4.8	-9.51	-4.73	-22.98	-0.251	-14.251	-25.76	-36.89	-23.80	-28.51	-23.73	-41.98	
-19.00	-11.74	-8.48	-6.6	-24.23	-4.94	-8.97	0.031	-13.969	-30.74	-27.48	-25.60	-43.23	-23.94	-27.97	
-18.50	-18.88	-35.1	-4.44	-5.88	-5.37	-14.09	0.321	-13.679	-37.88	-54.10	-23.44	-24.88	-24.37	-33.09	
-18.00	-4.56	-10.15	-7.39	-12.27	-9.08	-7.85	0.618	-13.382	-23.56	-29.15	-26.39	-31.27	-28.08	-26.85	
-17.50	-6.62	-14.49	-0.52	-0.67	-2.91	-7.55	0.924	-13.076	-25.62	-33.49	-19.52	-19.67	-21.91	-26.55	
-17.00	0.83	-5.66	2.08	1.38	-1.79	-11.13	1.239	-12.761	-18.17	-24.66	-16.92	-17.62	-20.79	-30.13	
-16.50	-0.16	0.62	-19.17	-4.92	1.04	-6.24	1.563	-12.437	-19.16	-18.38	-38.17	-23.92	-17.96	-25.24	
-16.00	-0.57	-5.57	-2.75	-15.6	-1.62	0.1	1.897	-12.103	-19.57	-24.57	-21.75	-34.60	-20.62	-18.90	
-15.50	-2.08	-15.71	-12.78	-2.31	-3.34	-3.54	2.242	-11.758	-21.08	-34.71	-31.78	-21.31	-22.34	-22.54	
-15.00	-2.13	-13.66	1.34	-0.44	2.26	-6.36	2.598	-11.402	-21.13	-32.66	-17.66	-19.44	-16.74	-25.36	
-14.50	0.44	-3.97	-0.81	-7.57	-7.58	-12.54	2.966	-11.034	-18.56	-22.97	-19.81	-26.57	-26.58	-31.54	
-14.00	4.16	-0.1	-0.57	-3.72	2.51	-1.38	3.347	-10.653	-14.84	-19.10	-19.57	-22.72	-16.49	-20.38	
-13.50	0.05	-10.26	-1.63	-12.53	3.36	1.99	3.742	-10.258	-18.95	-29.26	-20.63	-31.53	-15.64	-17.01	
-13.00	-12.07	-5.32	-7.1	2.09	-0.49	-14.8	4.151	-9.849	-31.07	-24.32	-26.10	-16.91	-19.49	-33.80	
-12.50	0.13	-16.97	-1.56	-13.11	-20.77	-1.74	4.577	-9.423	-18.87	-35.97	-20.56	-32.11	-39.77	-20.74	
-12.00	3.26	-16.41	-5.73	-0.09	-0.01	-18.46	5.020	-8.980	-15.74	-35.41	-24.73	-19.09	-19.01	-37.46	
-11.50	4.17	-7.46	4.6	-2.06	2.82	-8.96	5.483	-8.517	-14.83	-26.46	-14.40	-21.06	-16.18	-27.96	
-11.00	4.37	-6.12	5.5	0.54	5.47	-3.71	5.965	-8.035	-14.63	-25.12	-13.50	-18.46	-13.53	-22.71	
-10.50	0.49	-5.84	-4.16	-1.62	4.98	-3.95	6.470	-7.530	-18.51	-24.84	-23.16	-20.62	-14.02	-22.95	
-10.00	-2.73	-7.1	-2.54	-7.8	1.12	-3.99	7.000	-7.000	-21.73	-26.10	-21.54	-26.80	-17.88	-22.99	
-9.50	0.28	-2.65	4.41	3.8	3.32	2.26	7.557	-6.443	-18.72	-21.65	-14.59	-15.20	-15.68	-16.74	
-9.00	-7.08	-3.01	-1	-9.27	4.48	1.45	8.000	-6.000	-26.08	-22.01	-20.00	-28.27	-14.52	-17.55	
-8.50	-4.05	-5.51	-11.11	0.25	0.2	1.62	8.000	-6.000	-23.05	-24.51	-30.11	-18.75	-18.80	-17.38	
-8.00	1.99	-10.65	4.05	0.01	-4.86	-2.51	8.000	-6.000	-17.01	-29.65	-14.95	-18.99	-23.86	-21.51	
-7.50	2.71	-1.85	6.69	1.8	-0.26	-3.2	8.000	-6.000	-16.29	-20.85	-12.31	-17.20	-19.26	-22.20	
-7.00	0.4	1.57	3.39	1.51	2.4	4.47	7.873	-6.127	-18.60	-17.43	-15.61	-17.49	-16.60	-14.53	
-6.50	-7.26	1.83	3.29	6.25	1.57	2.36	8.677	-5.323	-26.26	-17.17	-15.71	-12.75	-17.43	-16.64	
-6.00	3.29	-10.7	6.52	-2.61	7.82	-0.84	9.546	-4.454	-15.71	-29.70	-12.48	-21.61	-11.18	-19.84	
-5.50	11.34	7.98	11.75	4.75	10.7	1.01	10.491	-3.509	-7.66	-11.02	-7.25	-14.25	-8.30	-17.99	
-5.00	7.41	-0.95	8.94	-7.36	10.67	1.92	11.526	-2.474	-11.59	-19.95	-10.06	-26.36	-8.33	-17.08	
-4.50	-2.22	9.53	-1.34	14.75	9.41	13.74	12.670	-1.330	-21.22	-9.47	-20.34	-4.25	-9.59	-5.26	
-4.00	5.79	9.1	-0.73	10.3	6.22	13.41	13.949	-0.051	-13.21	-9.90	-19.73	-8.70	-12.78	-5.59	
-3.50	11.06	11.43	12.26	10.27	4.49	8.73	15.398	1.398	-7.94	-7.57	-6.74	-8.73	-14.51	-10.27	
-3.00	20.59	17.27	19.44	16.3	14.48	6.69	17.072	3.072	1.59	-1.73	0.44	-2.70	-4.52	-12.31	
-2.50	18.78	13.58	17.07	11.63	16.67	11.85	19.051	5.051	-0.22	-5.42	-1.93	-7.37	-2.33	-7.15	
-2.00	6.19	7.34	10.16	12.63	12.76	13.69	21.474	7.474	-12.81	-11.66	-8.84	-6.37	-6.24	-5.31	
-1.50	12.64	18.31	10.49	13.63	19.21	-2.73	24.598	10.598	-6.36	-0.69	-8.51	-5.37	0.21	-21.73	
-1.00	18.75	23.66	22.49	24.81	23.31	22.17			-0.25	4.66	3.49	5.81	4.31	3.17	
-0.50	30.21	28.54	26.1	28.06	21.01	24.58			11.21	9.54	7.10	9.06	2.01	5.58	
0.00	51.13	50.87	51.58	51.56	50.59	50.94			32.13	31.87	32.58	32.56	31.59	31.94	
0.50	36.78	32.59	40.33	36.75	42.3	39.59			17.78	13.59	21.33	17.75	23.30	20.59	
1.00	23.04	24.54	23.64	25.41	22.55	24.93			4.04	5.54	4.64	6.41	3.55	5.93	
1.50	22.13	21.58	23.13	23.34	24.08	24.14	24.598	10.598	3.13	2.58	4.13	4.34	5.08	5.14	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)							
								Max RF Power Density: -19.0 dBW/4kHz							
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)
2.00	13.83	0.71	14.42	10.16	13.34	13.53	21.474	7.474	-5.17	-18.29	-4.58	-8.84	-5.66	-5.47	
2.50	15.03	11.75	15.19	11.62	15.7	14.91	19.051	5.051	-3.97	-7.25	-3.81	-7.38	-3.30	-4.09	
3.00	17.62	15.85	18.83	17.72	18.99	18.73	17.072	3.072	-1.38	-3.15	-0.17	-1.28	-0.01	-0.27	
3.50	8.33	8.65	6.89	9.76	7.2	11.27	15.398	1.398	-10.67	-10.35	-12.11	-9.24	-11.80	-7.73	
4.00	11.25	0.36	11.28	1.94	9.11	3.09	13.949	-0.051	-7.75	-18.64	-7.72	-17.06	-9.89	-15.91	
4.50	6.9	2.22	10.62	6.08	9.36	5.7	12.670	-1.330	-12.10	-16.78	-8.38	-12.92	-9.64	-13.30	
5.00	2.2	-0.87	4.19	0.51	3.23	5.95	11.526	-2.474	-16.80	-19.87	-14.81	-18.49	-15.77	-13.05	
5.50	6.39	9.24	8.69	11.69	8.72	12.91	10.491	-3.509	-12.61	-9.76	-10.31	-7.31	-10.28	-6.09	
6.00	4.78	7.6	6.79	8.55	6.16	8.01	9.546	-4.454	-14.22	-11.40	-12.21	-10.45	-12.84	-10.99	
6.50	1.39	-0.05	-1.57	1.39	3.24	-1.19	8.677	-5.323	-17.61	-19.05	-20.57	-17.61	-15.76	-20.19	
7.00	1.94	-3.75	2.57	-3.02	5.33	-23.99	7.873	-6.127	-17.06	-22.75	-16.43	-22.02	-13.67	-42.99	
7.50	1.19	-2.99	0.49	-4.88	-4.16	1.22	8.000	-6.000	-17.81	-21.99	-18.51	-23.88	-23.16	-17.78	
8.00	4.86	1.89	5.78	5.13	2.62	4.76	8.000	-6.000	-14.14	-17.11	-13.22	-13.87	-16.38	-14.24	
8.50	3.07	3.53	2.13	0	1.85	-16.43	8.000	-6.000	-15.93	-15.47	-16.87	-19.00	-17.15	-35.43	
9.00	1.5	-5.17	2.34	-6.92	5.78	-4.83	8.000	-6.000	-17.50	-24.17	-16.66	-25.92	-13.22	-23.83	
9.50	6.14	-8.07	6.64	-6.53	5	-13.36	7.557	-6.443	-12.86	-27.07	-12.36	-25.53	-14.00	-32.36	
10.00	4.43	-3.14	5.69	-6.64	3.09	-3.72	7.000	-7.000	-14.57	-22.14	-13.31	-25.64	-15.91	-22.72	
10.50	-4.37	-1.31	0.31	-3.16	5.4	-5.01	6.470	-7.530	-23.37	-20.31	-18.69	-22.16	-13.60	-24.01	
11.00	6.96	-5.02	5.5	-28.32	3.33	-8.19	5.965	-8.035	-12.04	-24.02	-13.50	-47.32	-15.67	-27.19	
11.50	3.3	-8.22	3.31	-8.08	3.99	-1.49	5.483	-8.517	-15.70	-27.22	-15.69	-27.08	-15.01	-20.49	
12.00	2.05	-4.31	2.47	-8.69	3.42	-1.31	5.020	-8.980	-16.95	-23.31	-16.53	-27.69	-15.58	-20.31	
12.50	1.34	-2.59	-3.71	2.53	-6.81	2.22	4.577	-9.423	-17.66	-21.59	-22.71	-16.47	-25.81	-16.78	
13.00	-6.72	1.2	2.97	-2.12	4.01	-3.86	4.151	-9.849	-25.72	-17.80	-16.03	-21.12	-14.99	-22.86	
13.50	1.59	-2.89	5.29	2.16	5.6	-4.15	3.742	-10.258	-17.41	-21.89	-13.71	-16.84	-13.40	-23.15	
14.00	2.79	-5.99	6.29	-6.56	6.15	-10.93	3.347	-10.653	-16.21	-24.99	-12.71	-25.56	-12.85	-29.93	
14.50	5.64	-9.66	5.05	-3.98	1.23	-9.6	2.966	-11.034	-13.36	-28.66	-13.95	-22.98	-17.77	-28.60	
15.00	1.05	-9.26	2.91	-5.37	0.69	-9.58	2.598	-11.402	-17.95	-28.26	-16.09	-24.37	-18.31	-28.58	
15.50	-0.41	-7.97	-5.8	-4.78	-2.45	-1.65	2.242	-11.758	-19.41	-26.97	-24.80	-23.78	-21.45	-20.65	
16.00	-1.52	-5.77	0.74	-5.54	-0.08	-6.39	1.897	-12.103	-20.52	-24.77	-18.26	-24.54	-19.08	-25.39	
16.50	-5.01	-4.42	-0.01	-4.79	0.12	-2.28	1.563	-12.437	-24.01	-23.42	-19.01	-23.79	-18.88	-21.28	
17.00	-3.71	-6.66	-6.87	-0.81	-0.19	-0.73	1.239	-12.761	-22.71	-25.66	-25.87	-19.81	-19.19	-19.73	
17.50	1.53	-3.1	-4.43	-8.21	-7.68	1	0.924	-13.076	-17.47	-22.10	-23.43	-27.21	-26.68	-18.00	
18.00	-1.79	-7.49	-4.61	-7.67	-14.29	-6.65	0.618	-13.382	-20.79	-26.49	-23.61	-26.67	-33.29	-25.65	
18.50	-6.32	-5.74	-2.73	-10.43	-15.17	-8.65	0.321	-13.679	-25.32	-24.74	-21.73	-29.43	-34.17	-27.65	
19.00	-14.16	-6.97	-4.71	-17.14	-5.9	-14.22	0.031	-13.969	-33.16	-25.97	-23.71	-36.14	-24.90	-33.22	
19.50	-16.11	-9.42	-11.19	-16.48	-10.59	-15.94	-0.251	-14.251	-35.11	-28.42	-30.19	-35.48	-29.59	-34.94	
20.00	-7.19	-5.15	-17.86	-8.66	-20.24	-8.42	-0.526	-14.526	-26.19	-24.15	-36.86	-27.66	-39.24	-27.42	
20.50	-14.47	-14.79	-18.83	-17.79	-12.24	-12.38	-0.794	-14.794	-33.47	-33.79	-37.83	-36.79	-31.24	-31.38	
21.00	-13.5	-9.52	-14.82	-12.03	-10.69	-13.66	-1.055	-15.055	-32.50	-28.52	-33.82	-31.03	-29.69	-32.66	
21.50	-10.85	-13.28	-10.93	-18.61	-18.97	-10.6	-1.311	-15.311	-29.85	-32.28	-29.93	-37.61	-37.97	-29.60	
22.00	-16.09	-16.14	-9.99	-10.6	-3.41	-11.53	-1.561	-15.561	-35.09	-35.14	-28.99	-29.60	-22.41	-30.53	
22.50	-5.84	-17.09	-3.32	-9.35	-2.59	-7.35	-1.805	-15.805	-24.84	-36.09	-22.32	-28.35	-21.59	-26.35	
23.00	-10.58	-23.73	-9.27	-16.48	-6.41	-13.09	-2.043	-16.043	-29.58	-42.73	-28.27	-35.48	-25.41	-32.09	
23.50	-5.63	-12.67	-2.68	-14.66	-2.13	-12.71	-2.277	-16.277	-24.63	-31.67	-21.68	-33.66	-21.13	-31.71	
24.00	-2.4	-12.47	-2.86	-10.54	-1.38	-9.66	-2.505	-16.505	-21.40	-31.47	-21.86	-29.54	-20.38	-28.66	
24.50	-5.27	-17.05	-5.97	-12.36	-7.28	-7.55	-2.729	-16.729	-24.27	-36.05	-24.97	-31.36	-26.28	-26.55	
25.00	-5.27	-17.7	-6.79	-17.14	-5.36	-6.52	-2.949	-16.949	-24.27	-36.70	-25.79	-36.14	-24.36	-25.52	
25.50	-4.28	-23.02	-5.38	-15.06	-5.54	-18.98	-3.164	-17.164	-23.28	-42.02	-24.38	-34.06	-24.54	-37.98	
26.00	-12.49	-9.26	-11.2	-12.6	-10.57	-18.7	-3.374	-17.374	-31.49	-28.26	-30.20	-31.60	-29.57	-37.70	
26.50	-16.69	-8.81	-13.19	-7.61	-12.33	-6.67	-3.581	-17.581	-35.69	-27.81	-32.19	-26.61	-31.33	-25.67	
27.00	-12.93	-10.77	-6.81	-2.96	-12.8	-3.15	-3.784	-17.784	-31.93	-29.77	-25.81	-21.96	-31.80	-22.15	
27.50	-20.61	-10.72	-8.78	-8.39	-12.42	-6.3	-3.983	-17.983	-39.61	-29.72	-27.78	-27.39	-31.42	-25.30	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
28.00	-18.21	-7.77	-14.98	-8.49	-8.38	-9.39	-4.179	-18.179	-37.21	-26.77	-33.98	-27.49	-27.38	-28.39
28.50	-7.14	-7.34	-10.69	-5.33	-11.22	-12.48	-4.371	-18.371	-26.14	-26.34	-29.69	-24.33	-30.22	-31.48
29.00	-12.03	-13.09	-28.75	-11.85	-9.19	-4.93	-4.560	-18.560	-31.03	-32.09	-47.75	-30.85	-28.19	-23.93
29.50	-15.21	-27.15	-10.56	-10.91	-12.76	-4.77	-4.746	-18.746	-34.21	-46.15	-29.56	-29.91	-31.76	-23.77
30.00	-7.38	-18.3	-9.84	-28.91	-6.21	-11.75	-4.928	-18.928	-26.38	-37.30	-28.84	-47.91	-25.21	-30.75
30.50	-2.9	-14.11	-6.96	-12.04	-6.08	-16.29	-5.107	-19.107	-21.90	-33.11	-25.96	-31.04	-25.08	-35.29
31.00	-4.03	-19.69	-3.94	-14.27	-4.47	-10.93	-5.284	-19.284	-23.03	-38.69	-22.94	-33.27	-23.47	-29.93
31.50	-4.64	-15.62	-3.78	-13.81	-3.74	-16.65	-5.458	-19.458	-23.64	-34.62	-22.78	-32.81	-22.74	-35.65
32.00	-5.84	-25.66	-7.01	-19.85	-8.43	-12.83	-5.629	-19.629	-24.84	-44.66	-26.01	-38.85	-27.43	-31.83
32.50	-8.75	-18.65	-12.5	-11.05	-7.95	-18.17	-5.797	-19.797	-27.75	-37.65	-31.50	-30.05	-26.95	-37.17
33.00	-13.5	-15.25	-13.81	-8.8	-7.06	-15.04	-5.963	-19.963	-32.50	-34.25	-32.81	-27.80	-26.06	-34.04
33.50	-11.01	-16.6	-14.21	-9.97	-9.32	-10.96	-6.126	-20.126	-30.01	-35.60	-33.21	-28.97	-28.32	-29.96
34.00	-6.83	-16.09	-10.11	-14.52	-11.08	-8.65	-6.287	-20.287	-25.83	-35.09	-29.11	-33.52	-30.08	-27.65
34.50	-6.99	-16.23	-12.02	-15.85	-8.59	-9.53	-6.445	-20.445	-25.99	-35.23	-31.02	-34.85	-27.59	-28.53
35.00	-4.56	-21.27	-16.26	-13.8	-9.05	-7.18	-6.602	-20.602	-23.56	-40.27	-35.26	-32.80	-28.05	-26.18
35.50	-5.53	-17.92	-20.28	-17.75	-10.06	-9.72	-6.756	-20.756	-24.53	-36.92	-39.28	-36.75	-29.06	-28.72
36.00	-7.12	-16.22	-11.43	-24.95	-6.73	-16.35	-6.908	-20.908	-26.12	-35.22	-30.43	-43.95	-25.73	-35.35
36.50	-6.6	-11.52	-8.49	-16.09	-6.39	-19.61	-7.057	-21.057	-25.60	-30.52	-27.49	-35.09	-25.39	-38.61
37.00	-7.42	-11.54	-11.42	-9.17	-9.99	-18.99	-7.205	-21.205	-26.42	-30.54	-30.42	-28.17	-28.99	-37.99
37.50	-9.99	-9.88	-15.31	-10.89	-6.85	-16.36	-7.351	-21.351	-28.99	-28.88	-34.31	-29.89	-25.85	-35.36
38.00	-13.77	-11.07	-13.24	-10.9	-6.18	-11.1	-7.495	-21.495	-32.77	-30.07	-32.24	-29.90	-25.18	-30.10
38.50	-17.57	-11.18	-23.98	-12.05	-7.28	-10.15	-7.637	-21.637	-36.57	-30.18	-42.98	-31.05	-26.28	-29.15
39.00	-21.66	-10.99	-17.69	-9.88	-11.11	-7.82	-7.777	-21.777	-40.66	-29.99	-36.69	-28.88	-30.11	-26.82
39.50	-17.02	-13.47	-14.77	-6.39	-20.63	-10.11	-7.915	-21.915	-36.02	-32.47	-33.77	-25.39	-39.63	-29.11
40.00	-19.73	-9.57	-24.78	-9.18	-20.43	-12.12	-8.051	-22.051	-38.73	-28.57	-43.78	-28.18	-39.43	-31.12
40.50	-17.35	-12.55	-14.2	-11.24	-18.98	-17.84	-8.186	-22.186	-36.35	-31.55	-33.20	-30.24	-37.98	-36.84
41.00	-13.22	-16.14	-11.31	-14.03	-9.35	-16.98	-8.320	-22.320	-32.22	-35.14	-30.31	-33.03	-28.35	-35.98
41.50	-10.16	-22.26	-17.3	-17.59	-7.92	-8.92	-8.451	-22.451	-29.16	-41.26	-36.30	-36.59	-26.92	-27.92
42.00	-8.29	-14.82	-19.89	-15.67	-4.76	-9.42	-8.581	-22.581	-27.29	-33.82	-38.89	-34.67	-23.76	-28.42
42.50	-7.06	-8.76	-26.85	-23.5	-4.93	-9.36	-8.710	-22.710	-26.06	-27.76	-45.85	-42.50	-23.93	-28.36
43.00	-9.4	-10.1	-21.24	-21.6	-7.36	-7.72	-8.837	-22.837	-28.40	-29.10	-40.24	-40.60	-26.36	-26.72
43.50	-20.17	-14.32	-14.94	-12.15	-16.02	-9.87	-8.962	-22.962	-39.17	-33.32	-33.94	-31.15	-35.02	-28.87
44.00	-15.35	-16.05	-15.54	-9.06	-25.17	-10.19	-9.086	-23.086	-34.35	-35.05	-34.54	-28.06	-44.17	-29.19
44.50	-10.96	-14.89	-18.23	-9.05	-14.6	-11.34	-9.209	-23.209	-29.96	-33.89	-37.23	-28.05	-33.60	-30.34
45.00	-5.31	-24.81	-11.29	-7.35	-9.55	-13.1	-9.330	-23.330	-24.31	-43.81	-30.29	-26.35	-28.55	-32.10
45.50	-7.56	-26.25	-6.37	-9.25	-12.6	-12.55	-9.450	-23.450	-26.56	-45.25	-25.37	-28.25	-31.60	-31.55
46.00	-7.06	-29.99	-6.68	-13.19	-5.49	-12.82	-9.569	-23.569	-26.06	-48.99	-25.68	-32.19	-24.49	-31.82
46.50	-4.72	-17.08	-9.61	-17.09	-4.24	-16.61	-9.686	-23.686	-23.72	-36.08	-28.61	-36.09	-23.24	-35.61
47.00	-4.14	-15.36	-4.83	-19.15	-11.23	-17.38	-9.802	-23.802	-23.14	-34.36	-23.83	-38.15	-30.23	-36.38
47.50	-4.6	-18.92	-2.76	-23.4	-11.79	-16.48	-9.917	-23.917	-23.60	-37.92	-21.76	-42.40	-30.79	-35.48
48.00	-7.77	-17.15	-5.28	-13.82	-5.08	-14.6	-10.031	-24.031	-26.77	-36.15	-24.28	-32.82	-24.08	-33.60
48.50	-10.86	-18.81	-7.43	-15.05	-5.7	-16.5	-10.000	-24.000	-29.86	-37.81	-26.43	-34.05	-24.70	-35.50
49.00	-12.72	-21.31	-10.08	-13.6	-11.35	-22.97	-10.000	-24.000	-31.72	-40.31	-29.08	-32.60	-30.35	-41.97
49.50	-11.24	-17.07	-9.06	-12.61	-10.51	-15.33	-10.000	-24.000	-30.24	-36.07	-28.06	-31.61	-29.51	-34.33
50.00	-6.52	-27.15	-8.15	-13.82	-6.8	-17.8	-10.000	-24.000	-25.52	-46.15	-27.15	-32.82	-25.80	-36.80
50.50	-6.03	-14.76	-9.9	-20.55	-5.17	-23.83	-10.000	-24.000	-25.03	-33.76	-28.90	-39.55	-24.17	-42.83
51.00	-6.74	-14.51	-10.41	-23.63	-6.28	-16.72	-10.000	-24.000	-25.74	-33.51	-29.41	-42.63	-25.28	-35.72
51.50	-5.9	-17.02	-8.92	-24.12	-9.39	-14.93	-10.000	-24.000	-24.90	-36.02	-27.92	-43.12	-28.39	-33.93
52.00	-3.33	-13.74	-7.56	-24.62	-4.48	-12.92	-10.000	-24.000	-22.33	-32.74	-26.56	-43.62	-23.48	-31.92
52.50	-4.02	-14.68	-9.09	-23.01	-5.6	-24.52	-10.000	-24.000	-23.02	-33.68	-28.09	-42.01	-24.60	-43.52
53.00	-7.08	-22.99	-10.2	-24.55	-8	-19.64	-10.000	-24.000	-26.08	-41.99	-29.20	-43.55	-27.00	-38.64
53.50	-9.52	-29.53	-8.43	-23.26	-13.28	-24.17	-10.000	-24.000	-28.52	-48.53	-27.43	-42.26	-32.28	-43.17

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC \$25.209 (a)(2)	FCC \$25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
54.00	-15.74	-42.07	-8.72	-18.26	-24.64	-14.81	-10.000	-24.000	-34.74	-61.07	-27.72	-37.26	-43.64	-33.81
54.50	-18.91	-26.11	-9	-16.97	-21.56	-30.46	-10.000	-24.000	-37.91	-45.11	-28.00	-35.97	-40.56	-49.46
55.00	-10.18	-21.46	-7.22	-15.97	-12.68	-16.08	-10.000	-24.000	-29.18	-40.46	-26.22	-34.97	-31.68	-35.08
55.50	-7.23	-18.34	-6.87	-26.76	-7.55	-19.89	-10.000	-24.000	-26.23	-37.34	-25.87	-45.76	-26.55	-38.89
56.00	-5.03	-24.85	-4.89	-19.43	-7.94	-14.49	-10.000	-24.000	-24.03	-43.85	-23.89	-38.43	-26.94	-33.49
56.50	-5.7	-36.47	-7.37	-17.04	-7.1	-11.61	-10.000	-24.000	-24.70	-55.47	-26.37	-36.04	-26.10	-30.61
57.00	-4.26	-15.71	-4.06	-16.65	-4.81	-15.21	-10.000	-24.000	-23.26	-34.71	-23.06	-35.65	-23.81	-34.21
57.50	-3.52	-18.68	-2.15	-22.76	-4.55	-16.47	-10.000	-24.000	-22.52	-37.68	-21.15	-41.76	-23.55	-35.47
58.00	-3.76	-25.57	-3.59	-19.01	-8.42	-20.88	-10.000	-24.000	-22.76	-44.57	-22.59	-38.01	-27.42	-39.88
58.50	-6.18	-26.08	-6.78	-24.91	-9.64	-24.65	-10.000	-24.000	-25.18	-45.08	-25.78	-43.91	-28.64	-43.65
59.00	-12.42	-34.96	-8.29	-27.03	-10.39	-22.88	-10.000	-24.000	-31.42	-53.96	-27.29	-46.03	-29.39	-41.88
59.50	-13.48	-20.54	-8.88	-22.37	-9.93	-26.21	-10.000	-24.000	-32.48	-39.54	-27.88	-41.37	-28.93	-45.21
60.00	-12.43	-34.07	-9.72	-31.42	-8.8	-19.89	-10.000	-24.000	-31.43	-53.07	-28.72	-50.42	-27.80	-38.89
60.50	-13.13	-28.08	-9.98	-31.61	-9.85	-20.08	-10.000	-24.000	-32.13	-47.08	-28.98	-50.61	-28.85	-39.08
61.00	-12.27	-22.2	-10.28	-33.24	-11.8	-17.48	-10.000	-24.000	-31.27	-41.20	-29.28	-52.24	-30.80	-36.48
61.50	-11.81	-21.93	-9.83	-26.5	-6.6	-21.06	-10.000	-24.000	-30.81	-40.93	-28.83	-45.50	-25.60	-40.06
62.00	-11.74	-23.71	-7.57	-26.76	-6.01	-20.85	-10.000	-24.000	-30.74	-42.71	-26.57	-45.76	-25.01	-39.85
62.50	-11.45	-22.05	-7.11	-21.84	-8.33	-25.98	-10.000	-24.000	-30.45	-41.05	-26.11	-40.84	-27.33	-44.98
63.00	-14.27	-22.68	-8.76	-22.38	-10.69	-21.24	-10.000	-24.000	-33.27	-41.68	-27.76	-41.38	-29.69	-40.24
63.50	-15.98	-36.98	-8.48	-27.18	-18.62	-22.78	-10.000	-24.000	-34.98	-55.98	-27.48	-46.18	-37.62	-41.78
64.00	-17.61	-23.98	-11.77	-22.39	-18.24	-19.67	-10.000	-24.000	-36.61	-42.98	-30.77	-41.39	-37.24	-38.67
64.50	-16.94	-26.68	-15.43	-19.75	-13.41	-26.51	-10.000	-24.000	-35.94	-45.68	-34.43	-38.75	-32.41	-45.51
65.00	-21.12	-17.74	-10.21	-16.94	-11.28	-19.06	-10.000	-24.000	-40.12	-36.74	-29.21	-35.94	-30.28	-38.06
65.50	-9.99	-15.79	-10.66	-21.7	-7.54	-17.13	-10.000	-24.000	-28.99	-34.79	-29.66	-40.70	-26.54	-36.13
66.00	-8.43	-15.79	-8.44	-20.88	-5.45	-18.94	-10.000	-24.000	-27.43	-34.79	-27.44	-39.88	-24.45	-37.94
66.50	-8.26	-15.43	-7.79	-27.29	-9.95	-19.92	-10.000	-24.000	-27.26	-34.43	-26.79	-46.29	-28.95	-38.92
67.00	-10.01	-16.65	-11.04	-21.08	-11.76	-17.36	-10.000	-24.000	-29.01	-35.65	-30.04	-40.08	-30.76	-36.36
67.50	-10.4	-16.16	-9.09	-24.82	-14.47	-23.55	-10.000	-24.000	-29.40	-35.16	-28.09	-43.82	-33.47	-42.55
68.00	-13.3	-18.28	-16.39	-19.05	-17.52	-18.89	-10.000	-24.000	-32.30	-37.28	-35.39	-38.05	-36.52	-37.89
68.50	-19.93	-19.92	-14.96	-23.42	-16.77	-20.01	-10.000	-24.000	-38.93	-38.92	-33.96	-42.42	-35.77	-39.01
69.00	-31.3	-20.91	-24.35	-22.03	-18.35	-20.94	-10.000	-24.000	-50.30	-39.91	-43.35	-41.03	-37.35	-39.94
69.50	-22.7	-26.48	-16.99	-32.9	-16.67	-22.3	-10.000	-24.000	-41.70	-45.48	-35.99	-51.90	-35.67	-41.30
70.00	-26.11	-28.11	-20.63	-27.61	-18.74	-28.58	-10.000	-24.000	-45.11	-47.11	-39.63	-46.61	-37.74	-47.58
70.50	-21.58	-27	-23.18	-25.24	-13.53	-24.35	-10.000	-24.000	-40.58	-46.00	-42.18	-44.24	-32.53	-43.35
71.00	-21.99	-28.11	-12.62	-37.73	-18.12	-24.42	-10.000	-24.000	-40.99	-47.11	-31.62	-56.73	-37.12	-43.42
71.50	-18.31	-29.06	-16.16	-26.07	-14.44	-26.79	-10.000	-24.000	-37.31	-48.06	-35.16	-45.07	-33.44	-45.79
72.00	-22.03	-30.61	-12.17	-35.7	-16.6	-25.78	-10.000	-24.000	-41.03	-49.61	-31.17	-54.70	-35.60	-44.78
72.50	-17.06	-25.24	-16.75	-31.79	-9.39	-36.56	-10.000	-24.000	-36.06	-44.24	-35.75	-50.79	-28.39	-55.56
73.00	-16.34	-22.02	-11.03	-25.81	-9.06	-24.04	-10.000	-24.000	-35.34	-41.02	-30.03	-44.81	-28.06	-43.04
73.50	-12.67	-21.37	-11.74	-20.9	-7.91	-19.34	-10.000	-24.000	-31.67	-40.37	-30.74	-39.90	-26.91	-38.34
74.00	-9.11	-16.82	-8.42	-23.19	-9.63	-18.05	-10.000	-24.000	-28.11	-35.82	-27.42	-42.19	-28.63	-37.05
74.50	-8.77	-17.69	-9.66	-19.64	-11.05	-16.39	-10.000	-24.000	-27.77	-36.69	-28.66	-38.64	-30.05	-35.39
75.00	-8.77	-15	-11.64	-22.67	-12.33	-16.5	-10.000	-24.000	-27.77	-34.00	-30.64	-41.67	-31.33	-35.50
75.50	-11.12	-15.39	-9.58	-22.17	-9.97	-16.81	-10.000	-24.000	-30.12	-34.39	-28.58	-41.17	-28.97	-35.81
76.00	-10.55	-14.2	-9.41	-17.87	-11.45	-14.73	-10.000	-24.000	-29.55	-33.20	-28.41	-36.87	-30.45	-33.73
76.50	-11.37	-12.35	-11.35	-17.95	-10.96	-15.05	-10.000	-24.000	-30.37	-31.35	-30.35	-36.95	-29.96	-34.05
77.00	-14.4	-14.05	-16.64	-15.27	-11.02	-18.24	-10.000	-24.000	-33.40	-33.05	-35.64	-34.27	-30.02	-37.24
77.50	-14.58	-15.73	-15.91	-17.57	-10.14	-17.25	-10.000	-24.000	-33.58	-34.73	-34.91	-36.57	-29.14	-36.25
78.00	-12.85	-14.8	-13.83	-16.86	-8.55	-18.07	-10.000	-24.000	-31.85	-33.80	-32.83	-35.86	-27.55	-37.07
78.50	-14.19	-17.59	-12.62	-17.4	-7.76	-18.6	-10.000	-24.000	-33.19	-36.59	-31.62	-36.40	-26.76	-37.60
79.00	-10.3	-16.79	-8.62	-19.88	-10.2	-18.75	-10.000	-24.000	-29.30	-35.79	-27.62	-38.88	-29.20	-37.75
79.50	-7.58	-18.13	-8.32	-20.95	-11.37	-19.47	-10.000	-24.000	-26.58	-37.13	-27.32	-39.95	-30.37	-38.47

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
80.00	-7.29	-28.83	-10.19	-23.75	-11.42	-18.91	-10.000	-24.000	-26.29	-47.83	-29.19	-42.75	-30.42	-37.91
80.50	-8.66	-27.07	-11.2	-19.9	-11.47	-19.23	-10.000	-24.000	-27.66	-46.07	-30.20	-38.90	-30.47	-38.23
81.00	-10.4	-35.94	-10.23	-26.6	-16.76	-25.32	-10.000	-24.000	-29.40	-54.94	-29.23	-45.60	-35.76	-44.32
81.50	-10.41	-21.07	-13.12	-37.42	-17.5	-23.59	-10.000	-24.000	-29.41	-40.07	-32.12	-56.42	-36.50	-42.59
82.00	-16.94	-16.59	-17.86	-24.94	-16.91	-21.06	-10.000	-24.000	-35.94	-35.59	-36.86	-43.94	-35.91	-40.06
82.50	-35.79	-16.36	-18.64	-23.67	-16.11	-24	-10.000	-24.000	-54.79	-35.36	-37.64	-42.67	-35.11	-43.00
83.00	-15.81	-16.54	-16.08	-21.96	-10.92	-23.79	-10.000	-24.000	-34.81	-35.54	-35.08	-40.96	-29.92	-42.79
83.50	-11.68	-16.75	-17.7	-19.2	-9.1	-20.38	-10.000	-24.000	-30.68	-35.75	-36.70	-38.20	-28.10	-39.38
84.00	-10.07	-19.29	-9.39	-15.51	-9.57	-21.55	-10.000	-24.000	-29.07	-38.29	-28.39	-34.51	-28.57	-40.55
84.50	-6.89	-18	-5.91	-16.11	-11.79	-27.23	-10.000	-24.000	-25.89	-37.00	-24.91	-35.11	-30.79	-46.23
85.00	-6.08	-18.71	-7.17	-18.14	-11.07	-22.46	-10.000	-24.000	-25.08	-37.71	-26.17	-37.14	-30.07	-41.46
85.50	-11.37	-22.95	-8.35	-19.43	-9.96	-28.12	0.000	-14.000	-30.37	-41.95	-27.35	-38.43	-28.96	-47.12
86.00	-13.79	-23.46	-9.21	-21.15	-10.52	-37.69	0.000	-14.000	-32.79	-42.46	-28.21	-40.15	-29.52	-56.69
86.50	-19.11	-22.02	-16.6	-25.97	-14.93	-32.66	0.000	-14.000	-38.11	-41.02	-35.60	-44.97	-33.93	-51.66
87.00	-18.18	-18.93	-23.09	-22.22	-15.79	-29.13	0.000	-14.000	-37.18	-37.93	-42.09	-41.22	-34.79	-48.13
87.50	-17.57	-17.69	-16.7	-20.97	-12.09	-19.63	0.000	-14.000	-36.57	-36.69	-35.70	-39.97	-31.09	-38.63
88.00	-21.92	-17.68	-10.65	-17.38	-11.29	-19	0.000	-14.000	-40.92	-36.68	-29.65	-36.38	-30.29	-38.00
88.50	-17.37	-16.24	-7.26	-15.78	-11.65	-15.44	0.000	-14.000	-36.37	-35.24	-26.26	-34.78	-30.65	-34.44
89.00	-13.95	-19.77	-8.91	-16.75	-10.22	-14.56	0.000	-14.000	-32.95	-38.77	-27.91	-35.75	-29.22	-33.56
89.50	-14.95	-23.73	-14.06	-16.62	-8.93	-14.14	0.000	-14.000	-33.95	-42.73	-33.06	-35.62	-27.93	-33.14
90.00	-17.72	-25.01	-14.13	-15.99	-11.38	-13.96	0.000	-14.000	-36.72	-44.01	-33.13	-34.99	-30.38	-32.96
90.50	-13.21	-20.07	-15.3	-21.36	-19.96	-17.01	0.000	-14.000	-32.21	-39.07	-34.30	-40.36	-38.96	-36.01
91.00	-12.8	-24.71	-31.63	-22	-26.48	-19.77	0.000	-14.000	-31.80	-43.71	-50.63	-41.00	-45.48	-38.77
91.50	-21.21	-26.97	-21.12	-21.75	-21.25	-33.06	0.000	-14.000	-40.21	-45.97	-40.12	-40.75	-40.25	-52.06
92.00	-20.26	-26.32	-32.11	-20.02	-13.05	-27.83	0.000	-14.000	-39.26	-45.32	-51.11	-39.02	-32.05	-46.83
92.50	-16.78	-17.29	-15.92	-21.03	-16.99	-20.09	0.000	-14.000	-35.78	-36.29	-34.92	-40.03	-35.99	-39.09
93.00	-12.92	-16.8	-15.82	-18.25	-14.12	-15.24	0.000	-14.000	-31.92	-35.80	-34.82	-37.25	-33.12	-34.24
93.50	-12.56	-13.5	-16.97	-15.2	-12.48	-16.42	0.000	-14.000	-31.56	-32.50	-35.97	-34.20	-31.48	-35.42
94.00	-12.4	-11.31	-17.94	-13.08	-14.38	-19.03	0.000	-14.000	-31.40	-30.31	-36.94	-32.08	-33.38	-38.03
94.50	-14.94	-10.72	-14.97	-11.03	-27.78	-13.61	0.000	-14.000	-33.94	-29.72	-33.97	-30.03	-46.78	-32.61
95.00	-16.52	-11.81	-14.58	-9.82	-17.64	-11.21	0.000	-14.000	-35.52	-30.81	-33.58	-28.82	-36.64	-30.21
95.50	-13.1	-10.9	-14.33	-11.66	-10.41	-10.63	0.000	-14.000	-32.10	-29.90	-33.33	-30.66	-29.41	-29.63
96.00	-12.01	-10.9	-7.74	-11.65	-8.3	-9.32	0.000	-14.000	-31.01	-29.90	-26.74	-30.65	-27.30	-28.32
96.50	-8.68	-13.67	-5.22	-9.65	-8.93	-10.51	0.000	-14.000	-27.68	-32.67	-24.22	-28.65	-27.93	-29.51
97.00	-6.56	-14.43	-6.11	-11.15	-5.14	-9.95	0.000	-14.000	-25.56	-33.43	-25.11	-30.15	-24.14	-28.95
97.50	-5.82	-13.86	-5.02	-12.23	-4.84	-9.96	0.000	-14.000	-24.82	-32.86	-24.02	-31.23	-23.84	-28.96
98.00	-7.28	-18.12	-4.54	-10.64	-7.94	-11.21	0.000	-14.000	-26.28	-37.12	-23.54	-29.64	-26.94	-30.21
98.50	-5.82	-16.47	-8.5	-10.81	-8.06	-9.98	0.000	-14.000	-24.82	-35.47	-27.50	-29.81	-27.06	-28.98
99.00	-6.54	-14.88	-12.31	-11.97	-6.32	-7.93	0.000	-14.000	-25.54	-33.88	-31.31	-30.97	-25.32	-26.93
99.50	-9.46	-17.45	-11.14	-9.67	-11.15	-9.35	0.000	-14.000	-28.46	-36.45	-30.14	-28.67	-30.15	-28.35
100.00	-6.96	-13.21	-17.05	-11.15	-9.17	-7.95	0.000	-14.000	-25.96	-32.21	-36.05	-30.15	-28.17	-26.95
100.50	-6.7	-10.49	-18.8	-12.98	-6.95	-8.54	0.000	-14.000	-25.70	-29.49	-37.80	-31.98	-25.95	-27.54
101.00	-12.52	-11.66	-7.08	-8.35	-8.65	-10.45	0.000	-14.000	-31.52	-30.66	-26.08	-27.35	-27.65	-29.45
101.50	-8.76	-10.72	-6.28	-8.67	-9.47	-12.19	0.000	-14.000	-27.76	-29.72	-25.28	-27.67	-28.47	-31.19
102.00	-6.96	-10.55	-5.71	-11.56	-6.69	-11.43	0.000	-14.000	-25.96	-29.55	-24.71	-30.56	-25.69	-30.43
102.50	-8.66	-12.67	-3.34	-8.27	-7.68	-11.24	0.000	-14.000	-27.66	-31.67	-22.34	-27.27	-26.68	-30.24
103.00	-7.03	-12.31	-5.64	-8.22	-8.44	-10.29	0.000	-14.000	-26.03	-31.31	-24.64	-27.22	-27.44	-29.29
103.50	-11.23	-12.58	-5.76	-8.47	-10.23	-10.09	0.000	-14.000	-30.23	-31.58	-24.76	-27.47	-29.23	-29.09
104.00	-9.82	-10.92	-11.01	-9.36	-11.99	-6.42	0.000	-14.000	-28.82	-29.92	-30.01	-28.36	-30.99	-25.42
104.50	-13.3	-14.15	-10.09	-6.77	-12.57	-7.13	0.000	-14.000	-32.30	-33.15	-29.09	-25.77	-31.57	-26.13
105.00	-13.08	-11.19	-15.4	-8.91	-8.84	-7.07	0.000	-14.000	-32.08	-30.19	-34.40	-27.91	-27.84	-26.07
105.50	-16.92	-11.64	-12.63	-10.12	-10.93	-6.98	0.000	-14.000	-35.92	-30.64	-31.63	-29.12	-29.93	-25.98

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
106.00	-17.82	-12.85	-14.77	-9.23	-11.66	-11.1	0.000	-14.000	-36.82	-31.85	-33.77	-28.23	-30.66	-30.10
106.50	-12.74	-9.67	-17.7	-11.93	-8.69	-10.54	0.000	-14.000	-31.74	-28.67	-36.70	-30.93	-27.69	-29.54
107.00	-20.11	-13.58	-7.04	-8.74	-17.46	-15.05	0.000	-14.000	-39.11	-32.58	-26.04	-27.74	-36.46	-34.05
107.50	-19.25	-12.34	-10.12	-13.57	-9.99	-11.94	0.000	-14.000	-38.25	-31.34	-29.12	-32.57	-28.99	-30.94
108.00	-14.01	-12.94	-12.14	-13.16	-10.31	-13.14	0.000	-14.000	-33.01	-31.94	-31.14	-32.16	-29.31	-32.14
108.50	-14	-21.58	-10.54	-12.22	-27.14	-12.85	0.000	-14.000	-33.00	-40.58	-29.54	-31.22	-46.14	-31.85
109.00	-20.05	-26.52	-15.16	-9.33	-22.98	-10.67	0.000	-14.000	-39.05	-45.52	-34.16	-28.33	-41.98	-29.67
109.50	-16.07	-18.85	-14.73	-12.25	-13.66	-7.17	0.000	-14.000	-35.07	-37.85	-33.73	-31.25	-32.66	-26.17
110.00	-20.59	-13.76	-15.04	-10.33	-7.24	-8.91	0.000	-14.000	-39.59	-32.76	-34.04	-29.33	-26.24	-27.91
110.50	-12.74	-15.58	-15.05	-11.08	-10.26	-12.19	0.000	-14.000	-31.74	-34.58	-34.05	-30.08	-29.26	-31.19
111.00	-25.7	-10.14	-9.97	-14.96	-10.35	-10.18	0.000	-14.000	-44.70	-29.14	-28.97	-33.96	-29.35	-29.18
111.50	-12.35	-15.62	-14.56	-8.93	-10.37	-12.3	0.000	-14.000	-31.35	-34.62	-33.56	-27.93	-29.37	-31.30
112.00	-12.59	-17.55	-7.03	-11.3	-10.73	-7.89	0.000	-14.000	-31.59	-36.55	-26.03	-30.30	-29.73	-26.89
112.50	-12.28	-15.69	-11.78	-13.85	-4.97	-9.44	0.000	-14.000	-31.28	-34.69	-30.78	-32.85	-23.97	-28.44
113.00	-9.69	-17.56	-10.32	-12.88	-12.6	-12.39	0.000	-14.000	-28.69	-36.56	-29.32	-31.88	-31.60	-31.39
113.50	-17.34	-20.21	-9.61	-10.43	-11.34	-10.84	0.000	-14.000	-36.34	-39.21	-28.61	-29.43	-30.34	-29.84
114.00	-8.77	-12.35	-9.95	-10.73	-11.04	-8.12	0.000	-14.000	-27.77	-31.35	-28.95	-29.73	-30.04	-27.12
114.50	-10.66	-13.66	-6.92	-7.78	-22.56	-12.56	0.000	-14.000	-29.66	-32.66	-25.92	-26.78	-41.56	-31.56
115.00	-9.43	-11.93	-11.15	-8.44	-22.78	-11.3	0.000	-14.000	-28.43	-30.93	-30.15	-27.44	-41.78	-30.30
115.50	-6.79	-8.75	-7.82	-8.55	-13.54	-7.27	0.000	-14.000	-25.79	-27.75	-26.82	-27.55	-32.54	-26.27
116.00	-10.28	-13.24	-11.62	-9.81	-12.74	-10.5	0.000	-14.000	-29.28	-32.24	-30.62	-28.81	-31.74	-29.50
116.50	-5.34	-10.92	-14.03	-12.21	-16.82	-10.94	0.000	-14.000	-24.34	-29.92	-33.03	-31.21	-35.82	-29.94
117.00	-7.99	-9.55	-8.75	-9.17	-17.44	-10.36	0.000	-14.000	-26.99	-28.55	-27.75	-28.17	-36.44	-29.36
117.50	-9.81	-9.2	-10.42	-9.01	-24.62	-7.79	0.000	-14.000	-28.81	-28.20	-29.42	-28.01	-43.62	-26.79
118.00	-11.09	-8.98	-19.67	-6.66	-9.7	-7.04	0.000	-14.000	-30.09	-27.98	-38.67	-25.66	-28.70	-26.04
118.50	-28.68	-9.36	-17.86	-7.78	-8.59	-5.14	0.000	-14.000	-47.68	-28.36	-36.86	-26.78	-27.59	-24.14
119.00	-17.67	-12.37	-15.08	-7.99	-11.36	-6.75	0.000	-14.000	-36.67	-31.37	-34.08	-26.99	-30.36	-25.75
119.50	-22.6	-9.19	-27.75	-6.52	-11.24	-7.65	0.000	-14.000	-41.60	-28.19	-46.75	-25.52	-30.24	-26.65
120.00	-11.61	-6.1	-12.12	-5.5	-9.38	-4.66	0.000	-14.000	-30.61	-25.10	-31.12	-24.50	-28.38	-23.66
120.50	-8.13	-8.62	-10.26	-6.29	-8.43	-3.38	0.000	-14.000	-27.13	-27.62	-29.26	-25.29	-27.43	-22.38
121.00	-7.11	-7.45	-6.12	-5.44	-10.86	-5.31	0.000	-14.000	-26.11	-26.45	-25.12	-24.44	-29.86	-24.31
121.50	-4.63	-7.11	-6.06	-5.25	-5.79	-4.1	0.000	-14.000	-23.63	-26.11	-25.06	-24.25	-24.79	-23.10
122.00	-6.85	-8.36	-5.67	-6.01	-6.26	-3.99	0.000	-14.000	-25.85	-27.36	-24.67	-25.01	-25.26	-22.99
122.50	-9.44	-11.45	-9.29	-6.98	-12.11	-6.16	0.000	-14.000	-28.44	-30.45	-28.29	-25.98	-31.11	-25.16
123.00	-9.43	-9.32	-10.96	-6.72	-11.18	-6.16	0.000	-14.000	-28.43	-28.32	-29.96	-25.72	-30.18	-25.16
123.50	-11.88	-7.43	-7.76	-4.29	-8.22	-3.81	0.000	-14.000	-30.88	-26.43	-26.76	-23.29	-27.22	-22.81
124.00	-10.96	-5.6	-6.79	-3.32	-5.1	-3.27	0.000	-14.000	-29.96	-24.60	-25.79	-22.32	-24.10	-22.27
124.50	-8.13	-4.92	-5.39	-4.24	-2.09	-2.69	0.000	-14.000	-27.13	-23.92	-24.39	-23.24	-21.09	-21.69
125.00	-6.24	-4.62	-4.35	-3.94	-3.76	-3.49	0.000	-14.000	-25.24	-23.62	-23.35	-22.94	-22.76	-22.49
125.50	-3.85	-4.12	-1.95	-2.51	-2.66	-3.95	0.000	-14.000	-22.85	-23.12	-20.95	-21.51	-21.66	-22.95
126.00	-3	-3.86	-0.77	-2.29	-2.44	-1.93	0.000	-14.000	-22.00	-22.86	-19.77	-21.29	-21.44	-20.93
126.50	-3.33	-4.11	-0.52	-2.85	-3.66	-2.48	0.000	-14.000	-22.33	-23.11	-19.52	-21.85	-22.66	-21.48
127.00	-3.84	-4.27	-0.66	-2.07	-3.55	-2.47	0.000	-14.000	-22.84	-23.27	-19.66	-21.07	-22.55	-21.47
127.50	-2.49	-4.17	-1.51	-3.04	-4.08	-2.06	0.000	-14.000	-21.49	-23.17	-20.51	-22.04	-23.08	-21.06
128.00	-2.02	-4.27	-2.41	-2.89	-2.97	-2.23	0.000	-14.000	-21.02	-23.27	-21.41	-21.89	-21.97	-21.23
128.50	-1.79	-3.8	-2.46	-1.39	-4	-2	0.000	-14.000	-20.79	-22.80	-21.46	-20.39	-23.00	-21.00
129.00	-1.48	-3.32	-3.8	-1.63	-3.52	-1.8	0.000	-14.000	-20.48	-22.32	-22.80	-20.63	-22.52	-20.80
129.50	-1.35	-2.11	-2.85	-1.25	-2.09	-1.27	0.000	-14.000	-20.35	-21.11	-21.85	-20.25	-21.09	-20.27
130.00	-1.44	-1.69	-1.88	-1.08	-0.77	-1.77	0.000	-14.000	-20.44	-20.69	-20.88	-20.08	-19.77	-20.77
130.50	-1.28	-2.46	-0.87	-0.79	-0.56	-1.76	0.000	-14.000	-20.28	-21.46	-19.87	-19.79	-19.56	-20.76
131.00	-1.3	-2.79	-0.53	-1.76	-0.4	-1.86	0.000	-14.000	-20.30	-21.79	-19.53	-20.76	-19.40	-20.86
131.50	-1.71	-3.91	0.23	-1.55	-0.13	-0.72	0.000	-14.000	-20.71	-22.91	-18.77	-20.55	-19.13	-19.72

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
132.00	-1.6	-4.75	-0.6	-1.33	-0.75	-1.38	0.000	-14.000	-20.60	-23.75	-19.60	-20.33	-19.75	-20.38
132.50	-2.4	-3.99	-1.13	-1.12	-0.81	-1.25	0.000	-14.000	-21.40	-22.99	-20.13	-20.12	-19.81	-20.25
133.00	-3.54	-5.24	-1.23	-2.59	-1.08	-1.86	0.000	-14.000	-22.54	-24.24	-20.23	-21.59	-20.08	-20.86
133.50	-3.99	-5.77	-3.32	-5.18	-2.11	-3.24	0.000	-14.000	-22.99	-24.77	-22.32	-24.18	-21.11	-22.24
134.00	-6.44	-6.11	-5.01	-5.72	-4.7	-5.62	0.000	-14.000	-25.44	-25.11	-24.01	-24.72	-23.70	-24.62
134.50	-8.18	-8.86	-5.56	-8.02	-7.65	-7.35	0.000	-14.000	-27.18	-27.86	-24.56	-27.02	-26.65	-26.35
135.00	-8.32	-10.87	-6.87	-8.37	-6.94	-6.44	0.000	-14.000	-27.32	-29.87	-25.87	-27.37	-25.94	-25.44
135.50	-8.12	-11.36	-10.76	-11.52	-6.75	-10.38	0.000	-14.000	-27.12	-30.36	-29.76	-30.52	-25.75	-29.38
136.00	-9.28	-11.69	-8.47	-13.4	-8.03	-7.41	0.000	-14.000	-28.28	-30.69	-27.47	-32.40	-27.03	-26.41
136.50	-13.68	-14.07	-6.85	-9.73	-11.39	-9.23	0.000	-14.000	-32.68	-33.07	-25.85	-28.73	-30.39	-28.23
137.00	-12.49	-12.52	-8.34	-9.42	-9.51	-12.04	0.000	-14.000	-31.49	-31.52	-27.34	-28.42	-28.51	-31.04
137.50	-9.49	-12.89	-11.02	-12.48	-11.28	-9.47	0.000	-14.000	-28.49	-31.89	-30.02	-31.48	-30.28	-28.47
138.00	-10.66	-12.11	-9.15	-11.53	-14.38	-12.68	0.000	-14.000	-29.66	-31.11	-28.15	-30.53	-33.38	-31.68
138.50	-12.93	-13.43	-10.66	-12.24	-12.39	-14.47	0.000	-14.000	-31.93	-32.43	-29.66	-31.24	-31.39	-33.47
139.00	-11.74	-17.81	-20.25	-11.74	-12.04	-11.97	0.000	-14.000	-30.74	-36.81	-39.25	-30.74	-31.04	-30.97
139.50	-15.7	-20.69	-16.7	-14.08	-13.9	-12.2	0.000	-14.000	-34.70	-39.69	-35.70	-33.08	-32.90	-31.20
140.00	-21.83	-19.92	-16.59	-19.51	-14.63	-13.53	0.000	-14.000	-40.83	-38.92	-35.59	-38.51	-33.63	-32.53
140.50	-17.73	-17.03	-16.03	-12.19	-21.27	-15.54	0.000	-14.000	-36.73	-36.03	-35.03	-31.19	-40.27	-34.54
141.00	-12.76	-13.19	-22.43	-18.19	-10.82	-10.61	0.000	-14.000	-31.76	-32.19	-41.43	-37.19	-29.82	-29.61
141.50	-12.88	-17.34	-14.74	-16.12	-17.3	-22.77	0.000	-14.000	-31.88	-36.34	-33.74	-35.12	-36.30	-41.77
142.00	-15.9	-17.47	-16.18	-24.71	-20.92	-25.86	0.000	-14.000	-34.90	-36.47	-35.18	-43.71	-39.92	-44.86
142.50	-15.99	-21.18	-18.18	-27.04	-20.02	-23.01	0.000	-14.000	-34.99	-40.18	-37.18	-46.04	-39.02	-42.01
143.00	-16.64	-24.02	-14.52	-17.05	-15.3	-16.75	0.000	-14.000	-35.64	-43.02	-33.52	-36.05	-34.30	-35.75
143.50	-20.9	-14.25	-15.59	-12.6	-12.68	-15.75	0.000	-14.000	-39.90	-33.25	-34.59	-31.60	-31.68	-34.75
144.00	-24.16	-22.76	-24.19	-15.41	-15.03	-16.05	0.000	-14.000	-43.16	-41.76	-43.19	-34.41	-34.03	-35.05
144.50	-15.36	-15.48	-21.73	-17.93	-17.29	-18.15	0.000	-14.000	-34.36	-34.48	-40.73	-36.93	-36.29	-37.15
145.00	-18.3	-27.51	-16.21	-29.99	-24.05	-29.5	0.000	-14.000	-37.30	-46.51	-35.21	-48.99	-43.05	-48.50
145.50	-22.53	-22.75	-25.44	-23.87	-29.57	-25.28	0.000	-14.000	-41.53	-41.75	-44.44	-42.87	-48.57	-44.28
146.00	-17.29	-28.36	-18.54	-22.42	-19.22	-28.53	0.000	-14.000	-36.29	-47.36	-37.54	-41.42	-38.22	-47.53
146.50	-30.26	-28.74	-18.64	-25.83	-16.78	-17.26	0.000	-14.000	-49.26	-47.74	-37.64	-44.83	-35.78	-36.26
147.00	-21.1	-25.56	-20.92	-17.57	-22.37	-23.57	0.000	-14.000	-40.10	-44.56	-39.92	-36.57	-41.37	-42.57
147.50	-17.86	-20.82	-21.29	-28.29	-22.89	-26.29	0.000	-14.000	-36.86	-39.82	-40.29	-47.29	-41.89	-45.29
148.00	-20.67	-29.72	-22.66	-20.61	-30.83	-17.13	0.000	-14.000	-39.67	-48.72	-41.66	-39.61	-49.83	-36.13
148.50	-20.59	-18.14	-18.91	-21.38	-17.94	-23.3	0.000	-14.000	-39.59	-37.14	-37.91	-40.38	-36.94	-42.30
149.00	-27.92	-24.23	-16.22	-25.44	-16.79	-27.16	0.000	-14.000	-46.92	-43.23	-35.22	-44.44	-35.79	-46.16
149.50	-21.17	-29.84	-34.43	-21.04	-16.31	-30.71	0.000	-14.000	-40.17	-48.84	-53.43	-40.04	-35.31	-49.71
150.00	-16.05	-20.84	-17.22	-19.95	-16.26	-16.95	0.000	-14.000	-35.05	-39.84	-36.22	-38.95	-35.26	-35.95
150.50	-19.71	-17.05	-19.56	-17.68	-15.7	-18.91	0.000	-14.000	-38.71	-36.05	-38.56	-36.68	-34.70	-37.91
151.00	-15.16	-32.82	-16.48	-20.68	-23.33	-22.52	0.000	-14.000	-34.16	-51.82	-35.48	-39.68	-42.33	-41.52
151.50	-19.53	-21.81	-16.22	-13.73	-13.98	-14.82	0.000	-14.000	-38.53	-40.81	-35.22	-32.73	-32.98	-33.82
152.00	-18.36	-17.51	-15.12	-15.03	-19.66	-25.64	0.000	-14.000	-37.36	-36.51	-34.12	-34.03	-38.66	-44.64
152.50	-19.01	-24.75	-17.38	-22.27	-14.47	-17.13	0.000	-14.000	-38.01	-43.75	-36.38	-41.27	-33.47	-36.13
153.00	-11.82	-18.4	-12.82	-14.74	-31.97	-17.33	0.000	-14.000	-30.82	-37.40	-31.82	-33.74	-50.97	-36.33
153.50	-22.31	-18.96	-31.49	-17.86	-21.08	-39.67	0.000	-14.000	-41.31	-37.96	-50.49	-36.86	-40.08	-58.67
154.00	-22.3	-27.53	-19.05	-28.59	-24.03	-20.45	0.000	-14.000	-41.30	-46.53	-38.05	-47.59	-43.03	-39.45
154.50	-19.07	-19.64	-30.61	-16.25	-19.33	-15.99	0.000	-14.000	-38.07	-38.64	-49.61	-35.25	-38.33	-34.99
155.00	-29.99	-19.67	-23.68	-23.79	-26.7	-20.35	0.000	-14.000	-48.99	-38.67	-42.68	-42.79	-45.70	-39.35
155.50	-19.93	-19.39	-26.19	-16.74	-16.02	-23.71	0.000	-14.000	-38.93	-38.39	-45.19	-35.74	-35.02	-42.71
156.00	-21.65	-24.59	-25.67	-20.09	-31.61	-26.07	0.000	-14.000	-40.65	-43.59	-44.67	-39.09	-50.61	-45.07
156.50	-29.94	-26.58	-33.87	-20.79	-19.29	-21.99	0.000	-14.000	-48.94	-45.58	-52.87	-39.79	-38.29	-40.99
157.00	-17.7	-18.9	-27.46	-21.26	-24.43	-17.05	0.000	-14.000	-36.70	-37.90	-46.46	-40.26	-43.43	-36.05
157.50	-17.88	-28.36	-24.93	-25.29	-17.88	-14.17	0.000	-14.000	-36.88	-47.36	-43.93	-44.29	-36.88	-33.17

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
158.00	-17.69	-16.32	-28.44	-22.16	-21.89	-23.42	0.000	-14.000	-36.69	-35.32	-47.44	-41.16	-40.89	-42.42
158.50	-24.37	-18.98	-17.99	-15.44	-15.72	-17.86	0.000	-14.000	-43.37	-37.98	-36.99	-34.44	-34.72	-36.86
159.00	-26.12	-19.97	-19.55	-18.39	-19.86	-21.45	0.000	-14.000	-45.12	-38.97	-38.55	-37.39	-38.86	-40.45
159.50	-24.94	-21.35	-23.43	-16.75	-32.79	-18.45	0.000	-14.000	-43.94	-40.35	-42.43	-35.75	-51.79	-37.45
160.00	-24.48	-26.23	-20.09	-18.97	-17.29	-11.85	0.000	-14.000	-43.48	-45.23	-39.09	-37.97	-36.29	-30.85
160.50	-32.56	-18.71	-17.28	-19.66	-20.53	-18.11	0.000	-14.000	-51.56	-37.71	-36.28	-38.66	-39.53	-37.11
161.00	-22.77	-37.44	-22.89	-17.12	-19.91	-20.57	0.000	-14.000	-41.77	-56.44	-41.89	-36.12	-38.91	-39.57
161.50	-32.63	-26.36	-15.6	-21.01	-31.28	-15.04	0.000	-14.000	-51.63	-45.36	-34.60	-40.01	-50.28	-34.04
162.00	-24.95	-25.76	-24.45	-18.5	-22.17	-26.89	0.000	-14.000	-43.95	-44.76	-43.45	-37.50	-41.17	-45.89
162.50	-21.11	-33.74	-21.92	-14.2	-16.54	-24.31	0.000	-14.000	-40.11	-52.74	-40.92	-33.20	-35.54	-43.31
163.00	-17	-17.68	-17.74	-21.76	-9.11	-16.49	0.000	-14.000	-36.00	-36.68	-36.74	-40.76	-28.11	-35.49
163.50	-13.58	-21.6	-29.41	-23.17	-18.61	-14.27	0.000	-14.000	-32.58	-40.60	-48.41	-42.17	-37.61	-33.27
164.00	-23.6	-18.07	-17.7	-15.08	-12.14	-17.05	0.000	-14.000	-42.60	-37.07	-36.70	-34.08	-31.14	-36.05
164.50	-17.16	-21.88	-15.07	-19.71	-26.61	-18.92	0.000	-14.000	-36.16	-40.88	-34.07	-38.71	-45.61	-37.92
165.00	-21.35	-19.93	-17.72	-18.95	-14.69	-19.65	0.000	-14.000	-40.35	-38.93	-36.72	-37.95	-33.69	-38.65
165.50	-20.03	-36.91	-15.67	-16.54	-12.54	-23.06	0.000	-14.000	-39.03	-55.91	-34.67	-35.54	-31.54	-42.06
166.00	-18.89	-17.6	-21.86	-21.84	-15.49	-18.1	0.000	-14.000	-37.89	-36.60	-40.86	-40.84	-34.49	-37.10
166.50	-38.87	-21.95	-23.86	-17.59	-19.95	-14.06	0.000	-14.000	-57.87	-40.95	-42.86	-36.59	-38.95	-33.06
167.00	-15.32	-17.18	-23.97	-22.14	-15.83	-19.1	0.000	-14.000	-34.32	-36.18	-42.97	-41.14	-34.83	-38.10
167.50	-17.04	-13.29	-15.68	-20.27	-17.07	-22.06	0.000	-14.000	-36.04	-32.29	-34.68	-39.27	-36.07	-41.06
168.00	-22.8	-27.05	-14.93	-17.73	-18.38	-21.99	0.000	-14.000	-41.80	-46.05	-33.93	-36.73	-37.38	-40.99
168.50	-10.29	-11.7	-30.41	-51.1	-31.16	-26.68	0.000	-14.000	-29.29	-30.70	-49.41	-70.10	-50.16	-45.68
169.00	-15.71	-14.95	-15.55	-15.88	-29.84	-26.6	0.000	-14.000	-34.71	-33.95	-34.55	-34.88	-48.84	-45.60
169.50	-12.94	-17.69	-27.94	-15.85	-19.2	-14.31	0.000	-14.000	-31.94	-36.69	-46.94	-34.85	-38.20	-33.31
170.00	-9.59	-11.62	-35.53	-27.37	-12.42	-12.29	0.000	-14.000	-28.59	-30.62	-54.53	-46.37	-31.42	-31.29
170.50	-21.43	-13.8	-18.65	-11.12	-20.1	-24.17	0.000	-14.000	-40.43	-32.80	-37.65	-30.12	-39.10	-43.17
171.00	-19.8	-18.2	-13.23	-18.87	-13.65	-12.32	0.000	-14.000	-38.80	-37.20	-32.23	-37.87	-32.65	-31.32
171.50	-18.42	-14.02	-21.82	-20.63	-12.67	-21.66	0.000	-14.000	-37.42	-33.02	-40.82	-39.63	-31.67	-40.66
172.00	-18.41	-30.41	-26.77	-23.88	-15.73	-20.42	0.000	-14.000	-37.41	-49.41	-45.77	-42.88	-34.73	-39.42
172.50	-16.64	-23.01	-17.03	-13.07	-16.89	-24.3	0.000	-14.000	-35.64	-42.01	-36.03	-32.07	-35.89	-43.30
173.00	-24.2	-17.05	-15.17	-11.42	-16	-22.29	0.000	-14.000	-43.20	-36.05	-34.17	-30.42	-35.00	-41.29
173.50	-12.18	-14.28	-21.92	-26.11	-13.94	-12.88	0.000	-14.000	-31.18	-33.28	-40.92	-45.11	-32.94	-31.88
174.00	-27.5	-20.84	-10.57	-14.21	-24.79	-18.86	0.000	-14.000	-46.50	-39.84	-29.57	-33.21	-43.79	-37.86
174.50	-19.25	-16.73	-42.08	-23.99	-12.2	-16.57	0.000	-14.000	-38.25	-35.73	-61.08	-42.99	-31.20	-35.57
175.00	-15.15	-16.8	-18.66	-17.68	-20.43	-11.04	0.000	-14.000	-34.15	-35.80	-37.66	-36.68	-39.43	-30.04
175.50	-15.41	-22.75	-19.8	-12.08	-16.78	-20.77	0.000	-14.000	-34.41	-41.75	-38.80	-31.08	-35.78	-39.77
176.00	-22.62	-25.45	-9.19	-12.82	-26.37	-21.81	0.000	-14.000	-41.62	-44.45	-28.19	-31.82	-45.37	-40.81
176.50	-11.7	-15.22	-16.03	-14.84	-13.35	-17.96	0.000	-14.000	-30.70	-34.22	-35.03	-33.84	-32.35	-36.96
177.00	-13.8	-13.66	-16.59	-28.45	-11.92	-12.54	0.000	-14.000	-32.80	-32.66	-35.59	-47.45	-30.92	-31.54
177.50	-29.69	-17.44	-23.48	-8.77	-22.03	-13.52	0.000	-14.000	-48.69	-36.44	-42.48	-27.77	-41.03	-32.52
178.00	-16.87	-22.01	-23.98	-15.94	-14.63	-18.08	0.000	-14.000	-35.87	-41.01	-42.98	-34.94	-33.63	-37.08
178.50	-16.74	-21.34	-19.83	-18.44	-17.62	-8.85	0.000	-14.000	-35.74	-40.34	-38.83	-37.44	-36.62	-27.85
179.00	-17.87	-23.64	-16.71	-21.28	-13.71	-21.78	0.000	-14.000	-36.87	-42.64	-35.71	-40.28	-32.71	-40.78
179.50	-11.47	-20.44	-17.04	-17.61	-18.08	-17.4	0.000	-14.000	-30.47	-39.44	-36.04	-36.61	-37.08	-36.40
180.00	-16.09	-15.88	-17.74	-13.49	-12.76	-22.22	0.000	-14.000	-35.09	-34.88	-36.74	-32.49	-31.76	-41.22

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(4)	FCC §25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-15.00	-11.3	-12.85	-2.46	-2.56	-6.91	-2.68	2.598	-11.402	-30.30	-31.85	-21.46	-21.56	-25.91	-21.68
-14.50	-17.69	-6.08	-9.14	-7.79	-8.66	-8.87	2.966	-11.034	-36.69	-25.08	-28.14	-26.79	-27.66	-27.87
-14.00	0.57	1.29	-10.62	-5.55	-16.16	-2.98	3.347	-10.653	-18.43	-17.71	-29.62	-24.55	-35.16	-21.98
-13.50	-12.19	-20.25	-12.38	-2.66	-0.63	-0.44	3.742	-10.258	-31.19	-39.25	-31.38	-21.66	-19.63	-19.44
-13.00	-1.77	-2.03	-4.02	-5.6	-8.36	-24.85	4.151	-9.849	-20.77	-21.03	-23.02	-24.60	-27.36	-43.85
-12.50	-6.25	-9.81	-8.81	-6.9	-6.17	-7.12	4.577	-9.423	-25.25	-28.81	-27.81	-25.90	-25.17	-26.12
-12.00	-8.71	-12.79	-2.93	-5.07	-6.23	-6.9	5.020	-8.980	-27.71	-31.79	-21.93	-24.07	-25.23	-25.90
-11.50	-1.62	0.98	-1.45	-4.36	-10.23	-15.07	5.483	-8.517	-20.62	-18.02	-20.45	-23.36	-29.23	-34.07
-11.00	-6.65	-4.15	1.08	2.51	0.62	4.07	5.965	-8.035	-25.65	-23.15	-17.92	-16.49	-18.38	-14.93
-10.50	-6.41	-13.57	-21.57	-5.39	-8.65	-1.4	6.470	-7.530	-25.41	-32.57	-40.57	-24.39	-27.65	-20.40
-10.00	-9.95	-7.27	-4.33	-5.23	-1.49	-10.17	7.000	-7.000	-28.95	-26.27	-23.33	-24.23	-20.49	-29.17
-9.50	-26.15	-4.46	-3.24	-13.38	-1.28	-3.74	7.557	-6.443	-45.15	-23.46	-22.24	-32.38	-20.28	-22.74
-9.00	-11.13	-7.98	-25.61	-12.21	-4.05	-4.15	8.144	-5.856	-30.13	-26.98	-44.61	-31.21	-23.05	-23.15
-8.50	-27.63	-5.15	-1.59	-5.89	-2.14	-9.08	8.765	-5.235	-46.63	-24.15	-20.59	-24.89	-21.14	-28.08
-8.00	-0.61	5.89	-1.1	1.39	-6.88	-10.09	9.423	-4.577	-19.61	-13.11	-20.10	-17.61	-25.88	-29.09
-7.50	-4.19	1.1	-12.51	-4.81	-4.93	-10.23	10.123	-3.877	-23.19	-17.90	-31.51	-23.81	-23.93	-29.23
-7.00	-2.07	-2.07	3.87	1.28	4.08	0.85	10.873	-3.127	-21.07	-21.07	-15.13	-17.72	-14.92	-18.15
-6.50	1.1	4.07	2.11	-0.76	0.63	-2.2	11.677	-2.323	-17.90	-14.93	-16.89	-19.76	-18.37	-21.20
-6.00	-7.81	-1.65	-0.87	2.38	3.34	2.06	12.546	-1.454	-26.81	-20.65	-19.87	-16.62	-15.66	-16.94
-5.50	4.72	8.35	9.52	10.12	10.74	9.48	13.491	-0.509	-14.28	-10.65	-9.48	-8.88	-8.26	-9.52
-5.00	-0.05	2.39	3.2	6.48	2.02	6.95	14.526	0.526	-19.05	-16.61	-15.80	-12.52	-16.98	-12.05
-4.50	5.72	6.03	6.81	6.87	8.83	7.31	15.670	1.670	-13.28	-12.97	-12.19	-12.13	-10.17	-11.69
-4.00	5.92	4.68	7.37	5.72	7.9	6.13	16.949	2.949	-13.08	-14.32	-11.63	-13.28	-11.10	-12.87
-3.50	3.29	6.53	3.17	6.67	-1.27	1.28	18.398	4.398	-15.71	-12.47	-15.83	-12.33	-20.27	-17.72
-3.00	15.99	16.42	16.35	16.02	12.52	13.28		6.072	-3.01	-2.58	-2.65	-2.98	-6.48	-5.72
-2.50	6.2	9.21	9.01	7.39	13.6	7.77			-12.80	-9.79	-9.99	-11.61	-5.40	-11.23
-2.00	7.26	10.88	11.7	7.57	12.27	11.85			-11.74	-8.12	-7.30	-11.43	-6.73	-7.15
-1.50	20.33	19.01	21.79	19.11	22.31	19.8			1.33	0.01	2.79	0.11	3.31	0.80
-1.00	13.32	19.03	16.58	19.98	18.99	22.2			-5.68	0.03	-2.42	0.98	-0.01	3.20
-0.50	21.57	29.08	23.03	27.75	27.8	29.01			2.57	10.08	4.03	8.75	8.80	10.01
0.00	52.69	51.88	53.56	53.2	53.43	53.7			33.69	32.88	34.56	34.20	34.43	34.70
0.50	27.3	34.92	29.38	35.01	30.43	33.06			8.30	15.92	10.38	16.01	11.43	14.06
1.00	12.98	20.12	20.82	17.6	23.61	18.89			-6.02	1.12	1.82	-1.40	4.61	-0.11
1.50	19.22	18.58	18.31	19.55	16.52	20.02			0.22	-0.42	-0.69	0.55	-2.48	1.02
2.00	8.06	2.53	6.44	6.38	5.84	11.66			-10.94	-16.47	-12.56	-12.62	-13.16	-7.34
2.50	15.56	18.99	15.61	19.96	14.01	19.4			-3.44	-0.01	-3.39	0.96	-4.99	0.40
3.00	16.85	18.01	16.97	18.51	14.58	19.57		6.072	-2.15	-0.99	-2.03	-0.49	-4.42	0.57
3.50	10.22	11.21	7.13	12.23	0.09	12.44	18.398	4.398	-8.78	-7.79	-11.87	-6.77	-18.91	-6.56
4.00	5.73	5.58	4.82	8.79	5.33	4.96	16.949	2.949	-13.27	-13.42	-14.18	-10.21	-13.67	-14.04
4.50	4.29	2.29	1.75	7.02	1.65	2.2	15.670	1.670	-14.71	-16.71	-17.25	-11.98	-17.35	-16.80
5.00	4.32	3.24	7.91	4.53	1.25	6.13	14.526	0.526	-14.68	-15.76	-11.09	-14.47	-17.75	-12.87
5.50	8.71	7.91	11.45	8.4	8.86	10.28	13.491	-0.509	-10.29	-11.09	-7.55	-10.60	-10.14	-8.72
6.00	5.17	9.07	1.14	11.93	5.44	10.19	12.546	-1.454	-13.83	-9.93	-17.86	-7.07	-13.56	-8.81
6.50	2.02	-5.89	8.01	5.8	4.07	6.9	11.677	-2.323	-16.98	-24.89	-10.99	-13.20	-14.93	-12.10
7.00	-2.01	-5.44	6.27	-0.77	2	1.51	10.873	-3.127	-21.01	-24.44	-12.73	-19.77	-17.00	-17.49
7.50	-4.45	1.8	-6.89	-13.45	1.1	-7.28	10.123	-3.877	-23.45	-17.20	-25.89	-32.45	-17.90	-26.28
8.00	-4.19	-6.93	-0.56	3.03	4.09	1.68	9.423	-4.577	-23.19	-25.93	-19.56	-15.97	-14.91	-17.32
8.50	-3.3	2.28	3.46	3.21	-5.97	3.9	8.765	-5.235	-22.30	-16.72	-15.54	-15.79	-24.97	-15.10
9.00	-5.37	-0.22	4.97	-1.57	2.72	6.89	8.144	-5.856	-24.37	-19.22	-14.03	-20.57	-16.28	-12.11
9.50	-3.32	-3.36	-1.74	-5.47	-7.53	-15.13	7.557	-6.443	-22.32	-22.36	-20.74	-24.47	-26.53	-34.13
10.00	0.81	-2.99	1.2	-10.1	3.48	1.57	7.000	-7.000	-18.19	-21.99	-17.80	-29.10	-15.52	-17.43
10.50	0.96	-7.74	1.31	1.14	6.71	4.85	6.470	-7.530	-18.04	-26.74	-17.69	-17.86	-12.29	-14.15

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)							
	Off-Axis Angle	14	14	14.25	14.25	14.5	14.5	FCC	Max RF Power Density: -19.0 dBW/4kHz						
		14	14	14.25	14.25	14.5	14.5	FCC	FCC	14	14	14.25	14.25	14.5	14.5
	GHz	GHz	GHz	GHz	GHz	GHz	§25.209	§25.218	GHz	GHz	GHz	GHz	GHz	GHz	
	(VV)	(HH)	(VV)	(HH)	(VV)	(HH)	(a)(4)	(f)(2)	(VV)	(HH)	(VV)	(HH)	(VV)	(HH)	
11.00	0.62	1.1	-2.62	-2.37	-3.29	-2.95	5.965	-8.035	-18.38	-17.90	-21.62	-21.37	-22.29	-21.95	
11.50	-7.1	-5	3.93	2.8	-0.02	4.01	5.483	-8.517	-26.10	-24.00	-15.07	-16.20	-19.02	-14.99	
12.00	-12.55	-1.97	-11.18	-10.72	-2.59	-3.93	5.020	-8.980	-31.55	-20.97	-30.18	-29.72	-21.59	-22.93	
12.50	-0.27	-4.57	1.62	-7.55	-21.41	-8.45	4.577	-9.423	-19.27	-23.57	-17.38	-26.55	-40.41	-27.45	
13.00	-8	-8.04	-6.34	-3.32	0.27	-0.88	4.151	-9.849	-27.00	-27.04	-25.34	-22.32	-18.73	-19.88	
13.50	0.85	-5.81	-1.9	-5.35	0.93	-3.31	3.742	-10.258	-18.15	-24.81	-20.90	-24.35	-18.07	-22.31	
14.00	0.14	-16.72	3.36	-0.87	1.78	0.89	3.347	-10.653	-18.86	-35.72	-15.64	-19.87	-17.22	-18.11	
14.50	2.99	2.13	-6.46	-2.94	3.64	3.09	2.966	-11.034	-16.01	-16.87	-25.46	-21.94	-15.36	-15.91	
15.00	2.65	1.56	-1.39	1.56	1.13	-8.03	2.598	-11.402	-16.35	-17.44	-20.39	-17.44	-17.87	-27.03	
15.50	3.63	-0.8	3.24	3.6	2.65	5.37	2.242	-11.758	-15.37	-19.80	-15.76	-15.40	-16.35	-13.63	
16.00	2.98	4.37	4.72	3.6	3.04	4.2	1.897	-12.103	-16.02	-14.63	-14.28	-15.40	-15.96	-14.80	
16.50	-4.25	-0.39	3.19	1.99	-4.95	5.35	1.563	-12.437	-23.25	-19.39	-15.81	-17.01	-23.95	-13.65	
17.00	-2.85	-4.42	0.41	-7.58	-8.08	1.92	1.239	-12.761	-21.85	-23.42	-18.59	-26.58	-27.08	-17.08	
17.50	-15.45	0.84	1.94	-13.3	-1.3	-2.43	0.924	-13.076	-34.45	-18.16	-17.06	-32.30	-20.30	-21.43	
18.00	-16.48	-15.22	-7.68	-7.28	-6.67	-0.79	0.618	-13.382	-35.48	-34.22	-26.68	-26.28	-25.67	-19.79	
18.50	-2.57	-0.94	-12.96	-6.02	-5.32	-5.5	0.321	-13.679	-21.57	-19.94	-31.96	-25.02	-24.32	-24.50	
19.00	-21.14	-16.4	-2.63	-6.91	-9.06	-5.76	0.031	-13.969	-40.14	-35.40	-21.63	-25.91	-28.06	-24.76	
19.50	-21.99	-5.87	-17.09	-12.83	-4.76	-7.36	-0.251	-14.251	-40.99	-24.87	-36.09	-31.83	-23.76	-26.36	
20.00	-5.97	-12.2	-2.02	-7.89	-13.34	-6.32	-0.526	-14.526	-24.97	-31.20	-21.02	-26.89	-32.34	-25.32	
20.50	-7.1	-12.29	-10.95	-7.12	-7.8	-9.59	-0.794	-14.794	-26.10	-31.29	-29.95	-26.12	-26.80	-28.59	
21.00	-23.8	-9.09	-18.19	-3.5	-22.24	-20.51	-1.055	-15.055	-42.80	-28.09	-37.19	-22.50	-41.24	-39.51	
21.50	-10.7	-8.85	-31.44	-8.92	-14.39	-18.26	-1.311	-15.311	-29.70	-27.85	-50.44	-27.92	-33.39	-37.26	
22.00	-5.81	-8.87	-14.98	-11.1	-8.88	-9.89	-1.561	-15.561	-24.81	-27.87	-33.98	-30.10	-27.88	-28.89	
22.50	-12.04	-18.13	-5.88	-14.12	-12.15	-10.15	-1.805	-15.805	-31.04	-37.13	-24.88	-33.12	-31.15	-29.15	
23.00	-15.69	-8.89	-9.34	-10.69	-15.33	-8.38	-2.043	-16.043	-34.69	-27.89	-28.34	-29.69	-34.33	-27.38	
23.50	-13.42	-11.34	-10.39	-11.72	-13.73	-10.59	-2.277	-16.277	-32.42	-30.34	-29.39	-30.72	-32.73	-29.59	
24.00	-11.08	-10.43	-4.4	-13.15	-7.51	-7.45	-2.505	-16.505	-30.08	-29.43	-23.40	-32.15	-26.51	-26.45	
24.50	-12.25	-8.3	-18.03	-5.58	-14.49	-5.42	-2.729	-16.729	-31.25	-27.30	-37.03	-24.58	-33.49	-24.42	
25.00	-17.04	-21.45	-15.3	-24.95	-19.25	-5.78	-2.949	-16.949	-36.04	-40.45	-34.30	-43.95	-38.25	-24.78	
25.50	-9.26	-21.31	-14.1	-11.97	-15.28	-13.85	-3.164	-17.164	-28.26	-40.31	-33.10	-30.97	-34.28	-32.85	
26.00	-10.06	-14.17	-8.02	-11.53	-10.25	-9.71	-3.374	-17.374	-29.06	-33.17	-27.02	-30.53	-29.25	-28.71	
26.50	-9.13	-12.82	-17.56	-9.08	-12.36	-6.65	-3.581	-17.581	-28.13	-31.82	-36.56	-28.08	-31.36	-25.65	
27.00	-19.05	-11.52	-7.63	-16.4	-16.72	-4.1	-3.784	-17.784	-38.05	-30.52	-26.63	-35.40	-35.72	-23.10	
27.50	-13.86	-7.29	-14.89	-18.17	-9.05	-14.31	-3.983	-17.983	-32.86	-26.29	-33.89	-37.17	-28.05	-33.31	
28.00	-10.86	-11.59	-6.28	-16.76	-10.39	-7.4	-4.179	-18.179	-29.86	-30.59	-25.28	-35.76	-29.39	-26.40	
28.50	-20.77	-12.27	-5.44	-8.18	-8.63	-3.71	-4.371	-18.371	-39.77	-31.27	-24.44	-27.18	-27.63	-22.71	
29.00	-14.77	-11.59	-20.56	-9.51	-8.59	-5.27	-4.560	-18.560	-33.77	-30.59	-39.56	-28.51	-27.59	-24.27	
29.50	-10.89	-12.02	-10.53	-12.98	-7.78	-14.56	-4.746	-18.746	-29.89	-31.02	-29.53	-31.98	-26.78	-33.56	
30.00	-18.53	-5.65	-12.47	-23.61	-17.3	-15.85	-4.928	-18.928	-37.53	-24.65	-31.47	-42.61	-36.30	-34.85	
30.50	-15.57	-12.19	-12.05	-14.47	-14.16	-9.09	-5.107	-19.107	-34.57	-31.19	-31.05	-33.47	-33.16	-28.09	
31.00	-25.1	-34.88	-10.49	-8.53	-25.51	-16.99	-5.284	-19.284	-44.10	-53.88	-29.49	-27.53	-44.51	-35.99	
31.50	-16.66	-13.17	-26.1	-16.05	-14.88	-11.07	-5.458	-19.458	-35.66	-32.17	-45.10	-35.05	-33.88	-30.07	
32.00	-10.34	-12.96	-41.88	-29.47	-7.77	-10.95	-5.629	-19.629	-29.34	-31.96	-60.88	-48.47	-26.77	-29.95	
32.50	-5.14	-15.32	-10.9	-8.93	-13.11	-10.97	-5.797	-19.797	-24.14	-34.32	-29.90	-27.93	-32.11	-29.97	
33.00	-10.94	-19.66	-17	-9.3	-6.35	-9.3	-5.963	-19.963	-29.94	-38.66	-36.00	-28.30	-25.35	-28.30	
33.50	-11.05	-16.16	-17.23	-13.64	-7.23	-7.17	-6.126	-20.126	-30.05	-35.16	-36.23	-32.64	-26.23	-26.17	
34.00	-16.59	-35.3	-10.56	-14.41	-13.12	-7.07	-6.287	-20.287	-35.59	-54.30	-29.56	-33.41	-32.12	-26.07	
34.50	-23.62	-13.7	-6.39	-14.58	-17.55	-3.32	-6.445	-20.445	-42.62	-32.70	-25.39	-33.58	-36.55	-22.32	
35.00	-11.21	-8.31	-15.59	-10.62	-14.19	-7.88	-6.602	-20.602	-30.21	-27.31	-34.59	-29.62	-33.19	-26.88	
35.50	-10.82	-9.14	-12.53	-8.6	-20.65	-7.22	-6.756	-20.756	-29.82	-28.14	-31.53	-27.60	-39.65	-26.22	
36.00	-7.59	-7.06	-20.15	-5.88	-11.16	-3.57	-6.908	-20.908	-26.59	-26.06	-39.15	-24.88	-30.16	-22.57	
36.50	-9.78	-6.29	-21.73	-15.35	-10.22	-5.58	-7.057	-21.057	-28.78	-25.29	-40.73	-34.35	-29.22	-24.58	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(4)	FCC §25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
37.00	-9.74	-11.88	-24.23	-25.88	-11.77	-3.93	-7.205	-21.205	-28.74	-30.88	-43.23	-44.88	-30.77	-22.93
37.50	-8.53	-14.07	-26.36	-21.32	-12.24	-6.72	-7.351	-21.351	-27.53	-33.07	-45.36	-40.32	-31.24	-25.72
38.00	-9.8	-16.66	-8.11	-16.12	-13.82	-5.73	-7.495	-21.495	-28.80	-35.66	-27.11	-35.12	-32.82	-24.73
38.50	-9.43	-28.47	-8.09	-8.14	-13.44	-6.77	-7.637	-21.637	-28.43	-47.47	-27.09	-27.14	-32.44	-25.77
39.00	-6.82	-23.35	-12.53	-10.11	-9.09	-7.48	-7.777	-21.777	-25.82	-42.35	-31.53	-29.11	-28.09	-26.48
39.50	-6.51	-18.59	-13.04	-9.3	-10.08	-12.98	-7.915	-21.915	-25.51	-37.59	-32.04	-28.30	-29.08	-31.98
40.00	-8.91	-12.4	-8.6	-12.56	-19.19	-9.92	-8.051	-22.051	-27.91	-31.40	-27.60	-31.56	-38.19	-28.92

Table 3 Az Co Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-10.00	-0.92	-5.87	4.1	-2.04	0.94	-3.91	7.000	-7.000	-19.92	-24.87	-14.90	-21.04	-18.06	-22.91
-9.90	-0.37	-0.67	4.09	-0.84	3.4	-1.37	7.109	-6.891	-19.37	-19.67	-14.91	-19.84	-15.60	-20.37
-9.80	0.83	0.45	2.69	0.28	4.78	0.52	7.219	-6.781	-18.17	-18.55	-16.31	-18.72	-14.22	-18.48
-9.70	0.8	-0.34	2.81	3.58	3.92	1.83	7.331	-6.669	-18.20	-19.34	-16.19	-15.42	-15.08	-17.17
-9.60	0.43	-1.95	3.79	4.19	2.91	3.4	7.443	-6.557	-18.57	-20.95	-15.21	-14.81	-16.09	-15.60
-9.50	-0.92	-2.51	5.25	4.11	3.43	4.69	7.557	-6.443	-19.92	-21.51	-13.75	-14.89	-15.57	-14.31
-9.40	-9.07	-7.71	5.22	2.81	5.08	4.71	7.672	-6.328	-28.07	-26.71	-13.78	-16.19	-13.92	-14.29
-9.30	-8.65	-12.4	3.76	1.09	6.09	4.45	7.788	-6.212	-27.65	-31.40	-15.24	-17.91	-12.91	-14.55
-9.20	-7.07	-10.11	-1.13	-3.46	4.93	3.7	8.000	-6.000	-26.07	-29.11	-20.13	-22.46	-14.07	-15.30
-9.10	-8.07	-3.28	-2.54	-11.43	1.19	-0.31	8.000	-6.000	-27.07	-22.28	-21.54	-30.43	-17.81	-19.31
-9.00	-1.86	0.9	-4.25	-16.86	-5.88	-4.66	8.000	-6.000	-20.86	-18.10	-23.25	-35.86	-24.88	-23.66
-8.90	-1.01	2.39	-2.61	-3.12	-7.64	-6.33	8.000	-6.000	-20.01	-16.61	-21.61	-22.12	-26.64	-25.33
-8.80	-6.4	0.38	-0.97	0.07	-4.41	-1.51	8.000	-6.000	-25.40	-18.62	-19.97	-18.93	-23.41	-20.51
-8.70	-11.75	-3.74	-6.67	-0.29	-0.06	2.11	8.000	-6.000	-30.75	-22.74	-25.67	-19.29	-19.06	-16.89
-8.60	-4.9	-6.27	-7.09	0.25	-1.65	2.3	8.000	-6.000	-23.90	-25.27	-26.09	-18.75	-20.65	-16.70
-8.50	-1.62	-8.04	-0.73	2.36	-15.4	1.55	8.000	-6.000	-20.62	-27.04	-19.73	-16.64	-34.40	-17.45
-8.40	3.11	-2.2	-4.12	0.6	-3.49	2.73	8.000	-6.000	-15.89	-21.20	-23.12	-18.40	-22.49	-16.27
-8.30	4.89	0.43	-1.81	-3.07	-3.65	1.34	8.000	-6.000	-14.11	-18.57	-20.81	-22.07	-22.65	-17.66
-8.20	3.4	-1.59	3.61	-0.26	-6.08	-0.97	8.000	-6.000	-15.60	-20.59	-15.39	-19.26	-25.08	-19.97
-8.10	0.98	-5.31	2.54	-0.18	0.25	0.37	8.000	-6.000	-18.02	-24.31	-16.46	-19.18	-18.75	-18.63
-8.00	1.03	-11.3	-0.31	-2.58	0.88	1.67	8.000	-6.000	-17.97	-30.30	-19.31	-21.58	-18.12	-17.33
-7.90	3.49	-5.62	-2.42	-4	-2.15	0.64	8.000	-6.000	-15.51	-24.62	-21.42	-23.00	-21.15	-18.36
-7.80	6.03	-1.64	1.07	-2.89	-4.05	-0.56	8.000	-6.000	-12.97	-20.64	-17.93	-21.89	-23.05	-19.56
-7.70	5.93	-0.65	5.67	0.77	-0.62	-3.16	8.000	-6.000	-13.07	-19.65	-13.33	-18.23	-19.62	-22.16
-7.60	2.96	-1.58	7.06	4	4.07	-0.82	8.000	-6.000	-16.04	-20.58	-11.94	-15.00	-14.93	-19.82
-7.50	0.47	0.66	5.53	4.07	5.42	2.31	8.000	-6.000	-18.53	-18.34	-13.47	-14.93	-13.58	-16.69
-7.40	1.32	2.22	4.39	4.27	3.93	3.23	8.000	-6.000	-17.68	-16.78	-14.61	-14.73	-15.07	-15.77
-7.30	0.42	1.67	5.17	4.78	2.59	3.39	8.000	-6.000	-18.58	-17.33	-13.83	-14.22	-16.41	-15.61
-7.20	0.3	2.07	4.41	4.23	3.75	4.68	8.000	-6.000	-18.70	-16.93	-14.59	-14.77	-15.25	-14.32
-7.10	0.98	2.92	3.89	3.4	2.48	3.02	8.000	-6.000	-18.02	-16.08	-15.11	-15.60	-16.52	-15.98
-7.00	0.76	3.82	4.31	4.16	0.65	0.09	7.873	-6.127	-18.24	-15.18	-14.69	-14.84	-18.35	-18.91
-6.90	2.97	5.33	4.05	4.6	2.39	1.4	8.029	-5.971	-16.03	-13.67	-14.95	-14.40	-16.61	-17.60
-6.80	3.84	6.26	4.11	5.85	2.21	4.08	8.187	-5.813	-15.16	-12.74	-14.89	-13.15	-16.79	-14.92
-6.70	1.15	4.96	4.82	6.77	2.6	5.64	8.348	-5.652	-17.85	-14.04	-14.18	-12.23	-16.40	-13.36
-6.60	-4.6	1.16	3.96	5.32	5.01	7.69	8.511	-5.489	-23.60	-17.84	-15.04	-13.68	-13.99	-11.31
-6.50	-0.45	-2.53	2	-0.7	4.94	7.01	8.677	-5.323	-19.45	-21.53	-17.00	-19.70	-14.06	-11.99
-6.40	2.89	-1.08	5.12	0.78	0.16	2.48	8.846	-5.154	-16.11	-20.08	-13.88	-18.22	-18.84	-16.52
-6.30	2.85	-1.94	7.58	3.75	4.69	-4.63	9.016	-4.984	-16.15	-20.94	-11.42	-15.25	-14.31	-23.63
-6.20	2.27	-4.71	6.78	1.78	6.68	-0.27	9.190	-4.810	-16.73	-23.71	-12.22	-17.22	-12.32	-19.27
-6.10	3.07	-6.36	5.68	-1.71	6.02	-0.37	9.367	-4.633	-15.93	-25.36	-13.32	-20.71	-12.98	-19.37
-6.00	5.42	-3.84	5.73	-4.72	4.52	-2.21	9.546	-4.454	-13.58	-22.84	-13.27	-23.72	-14.48	-21.21
-5.90	7.83	2.4	7.04	-3.99	4.75	-2.8	9.729	-4.271	-11.17	-16.60	-11.96	-22.99	-14.25	-21.80
-5.80	9.53	6.22	9.57	2.92	7.25	-5.5	9.914	-4.086	-9.47	-12.78	-9.43	-16.08	-11.75	-24.50
-5.70	10.48	8.04	11.09	5.67	10.07	0.91	10.103	-3.897	-8.52	-10.96	-7.91	-13.33	-8.93	-18.09
-5.60	11.48	9.58	11.85	7.54	11.46	4.93	10.295	-3.705	-7.52	-9.42	-7.15	-11.46	-7.54	-14.07
-5.50	11.5	9.63	12.46	9.28	11.91	7.77	10.491	-3.509	-7.50	-9.37	-6.54	-9.72	-7.09	-11.23
-5.40	10.23	7.66	12.8	9.42	12.97	9.53	10.690	-3.310	-8.77	-11.34	-6.20	-9.58	-6.03	-9.47
-5.30	7.39	2.78	10.48	7.97	13.06	10.29	10.893	-3.107	-11.61	-16.22	-8.52	-11.03	-5.94	-8.71
-5.20	6.72	-6.5	7.33	3.09	10.44	7.68	11.100	-2.900	-12.28	-25.50	-11.67	-15.91	-8.56	-11.32
-5.10	5.35	-9.15	5.86	-4.95	7.33	1.07	11.311	-2.689	-13.65	-28.15	-13.14	-23.95	-11.67	-17.93
-5.00	5.12	3.33	2.47	1.35	4.92	-5.54	11.526	-2.474	-13.88	-15.67	-16.53	-17.65	-14.08	-24.54
-4.90	7.15	7.5	3.63	9	3.41	2.48	11.745	-2.255	-11.85	-11.50	-15.37	-10.00	-15.59	-16.52

Table 3 Az Co Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
-4.80	6.19	8.24	8.25	12.92	6.71	11.39	11.969	-2.031	-12.81	-10.76	-10.75	-6.08	-12.29	-7.61
-4.70	2.76	7.02	7.77	13.56	9.46	14.36	12.198	-1.802	-16.24	-11.98	-11.23	-5.44	-9.54	-4.64
-4.60	3.7	5.82	7.74	13.09	9.13	15.02	12.431	-1.569	-15.30	-13.18	-11.26	-5.91	-9.87	-3.98
-4.50	1.1	5.46	8.48	12.04	9.39	14.73	12.670	-1.330	-17.90	-13.54	-10.52	-6.96	-9.61	-4.27
-4.40	-1.35	7.56	6.35	10.91	8.9	14.6	12.914	-1.086	-20.35	-11.44	-12.65	-8.09	-10.10	-4.40
-4.30	2.37	8.77	6.05	9.94	7.01	13.99	13.163	-0.837	-16.63	-10.23	-12.95	-9.06	-11.99	-5.01
-4.20	-10.77	7.78	5.3	9.65	6.88	13.5	13.419	-0.581	-29.77	-11.22	-13.70	-9.35	-12.12	-5.50
-4.10	5	9.07	0.46	9.4	3.53	12.33	13.680	-0.320	-14.00	-9.93	-18.54	-9.60	-15.47	-6.67
-4.00	9.15	10	9.27	12.24	2.33	12.53	13.949	-0.051	-9.85	-9.00	-9.73	-6.76	-16.67	-6.47
-3.90	2.89	4.2	9.52	12	8.95	14.23	14.223	0.223	-16.11	-14.80	-9.48	-7.00	-10.05	-4.77
-3.80	4.74	4.24	-5.77	4.21	5.05	12.82	14.505	0.505	-14.26	-14.76	-24.77	-14.79	-13.95	-6.18
-3.70	12.42	11.62	10.76	7.52	4.69	9.37	14.795	0.795	-6.58	-7.38	-8.24	-11.48	-14.31	-9.63
-3.60	12.61	12.14	13.99	12.5	12.82	11.84	15.092	1.092	-6.39	-6.86	-5.01	-6.50	-6.18	-7.16
-3.50	9.4	8.22	12.54	10.96	14.08	12.71	15.398	1.398	-9.60	-10.78	-6.46	-8.04	-4.92	-6.29
-3.40	8.15	4.41	9.31	5.11	12.07	9.64	15.713	1.713	-10.85	-14.59	-9.69	-13.89	-6.93	-9.36
-3.30	13.49	10.83	10.71	6.36	10.99	3.74	16.037	2.037	-5.51	-8.17	-8.29	-12.64	-8.01	-15.26
-3.20	18.22	16.59	16.85	15.12	14.69	6.53	16.371	2.371	-0.78	-2.41	-2.15	-3.88	-4.31	-12.47
-3.10	20.32	18.76	20.67	19.41	19.15	15.27	16.716	2.716	1.32	-0.24	1.67	0.41	0.15	-3.73
-3.00	19.54	17.82	21.41	20.36	21.3	18.62	17.072	3.072	0.54	-1.18	2.41	1.36	2.30	-0.38
-2.90	16.61	14.38	19.35	18.87	20.54	18.68	17.440	3.440	-2.39	-4.62	0.35	-0.13	1.54	-0.32
-2.80	13.33	9.74	15.17	15.71	17.44	16.98	17.821	3.821	-5.67	-9.26	-3.83	-3.29	-1.56	-2.02
-2.70	15.59	10.54	15.45	14.26	15.71	15.31	18.216	4.216	-3.41	-8.46	-3.55	-4.74	-3.29	-3.69
-2.60	19.56	15.85	19.27	17.6	18.54	18.21	18.626	4.626	0.56	-3.15	0.27	-1.40	-0.46	-0.79
-2.50	21.7	18.16	22.66	20.09	21.77	21.26	19.051	5.051	2.70	-0.84	3.66	1.09	2.77	2.26
-2.40	20.41	16.89	22.66	18.78	22.65	21.16	19.495	5.495	1.41	-2.11	3.66	-0.22	3.65	2.16
-2.30	15.27	10.95	18.85	12.29	20.33	18.14	19.957	5.957	-3.73	-8.05	-0.15	-6.71	1.33	-0.86
-2.20	8.73	-3.46	11.98	3.28	15.03	13.32	20.439	6.439	-10.27	-22.46	-7.02	-15.72	-3.97	-5.68
-2.10	5.35	5.89	10.95	12.18	13.37	15.01	20.945	6.945	-13.65	-13.11	-8.05	-6.82	-5.63	-3.99
-2.00	5.48	11.81	-3.43	11.43	7.03	10.57	21.474	7.474	-13.52	-7.19	-22.43	-7.57	-11.97	-8.43
-1.90	16.58	15.48	16.67	14.62	14.19	8.88	22.031	8.031	-2.42	-3.52	-2.33	-4.38	-4.81	-10.12
-1.80	17.53	13.15	19.99	15.13	19.7	15.51	22.618	8.618	-1.47	-5.85	0.99	-3.87	0.70	-3.49
-1.70	8.13	4.07	11.51	1.04	13.78	7.58	23.239	9.239	-10.87	-14.93	-7.49	-17.96	-5.22	-11.42
-1.60	15.73	17.22	14.34	17.86	7.7	16.31	23.897	9.897	-3.27	-1.78	-4.66	-1.14	-11.30	-2.69
-1.50	18.6	19.22	20.63	21.62	19.19	22.29	24.598	10.598	-0.40	0.22	1.63	2.62	0.19	3.29
-1.40	10.59	11.64	17.67	17.73	19.03	21.26			-8.41	-7.36	-1.33	-1.27	0.03	2.26
-1.30	16.44	14.47	15.77	14.56	18.44	16.73			-2.56	-4.53	-3.23	-4.44	-0.56	-2.27
-1.20	23.04	21.83	23.47	23.48	23.06	22.85			4.04	2.83	4.47	4.48	4.06	3.85
-1.10	23.26	23.22	25.15	25.19	23.73	24.87			4.26	4.22	6.15	6.19	4.73	5.87
-1.00	24.85	25.03	26.13	26.14	23.37	24.91			5.85	6.03	7.13	7.14	4.37	5.91
-0.90	27.05	26.36	28.56	27.63	27.73	26.68			8.05	7.36	9.56	8.63	8.73	7.68
-0.80	24.29	22.32	27.34	24.45	27.77	24.09			5.29	3.32	8.34	5.45	8.77	5.09
-0.70	16.95	18.68	21.36	22.13	22.57	22.48			-2.05	-0.32	2.36	3.13	3.57	3.48
-0.60	30.66	28.51	30.68	30.63	29.16	30.94			11.66	9.51	11.68	11.63	10.16	11.94
-0.50	34.64	29.06	35.08	31.4	34.38	31.98			15.64	10.06	16.08	12.40	15.38	12.98
-0.40	37.13	36.06	38.15	36.87	38.84	38.32			18.13	17.06	19.15	17.87	19.84	19.32
-0.30	43.73	42.83	44.85	43.06	45.19	42.86			24.73	23.83	25.85	24.06	26.19	23.86
-0.20	49.85	48.83	51.13	49.88	51.31	50.11			30.85	29.83	32.13	30.88	32.31	31.11
-0.10	51.18	51.29	52.27	52.41	52.46	53.01			32.18	32.29	33.27	33.41	33.46	34.01
0.00	52.61	52.17	53.64	53.34	53.51	53.85			33.61	33.17	34.64	34.34	34.51	34.85
0.10	51.37	51.25	52.12	52.4	51.83	52.45			32.37	32.25	33.12	33.40	32.83	33.45
0.20	48.93	48.05	49.54	48.95	49.06	49.17			29.93	29.05	30.54	29.95	30.06	30.17
0.30	44.51	41.38	45.05	42.12	44.11	42.24			25.51	22.38	26.05	23.12	25.11	23.24

Table 3 Az Co Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
0.40	38.47	32.75	39.39	32.58	38.87	33.38			19.47	13.75	20.39	13.58	19.87	14.38
0.50	33.65	28.94	34.24	30.83	33.03	31.67			14.65	9.94	15.24	11.83	14.03	12.67
0.60	27.64	25.27	26.84	27.63	25.33	27.44			8.64	6.27	7.84	8.63	6.33	8.44
0.70	14.94	19.89	22.83	23.77	23.2	23.95			-4.06	0.89	3.83	4.77	4.20	4.95
0.80	24.52	24.65	26.29	26.07	24.3	25.42			5.52	5.65	7.29	7.07	5.30	6.42
0.90	24.24	24.92	22.93	24.77	16.49	21.89			5.24	5.92	3.93	5.77	-2.51	2.89
1.00	17.32	20.59	6.37	17.43	13.45	5.74			-1.68	1.59	-12.63	-1.57	-5.55	-13.26
1.10	11.95	9.34	19.78	3.63	22.58	17.25			-7.05	-9.66	0.78	-15.37	3.58	-1.75
1.20	17.22	13.71	22.34	19.43	23.26	22.98			-1.78	-5.29	3.34	0.43	4.26	3.98
1.30	20.68	20.62	23.04	23.46	23.35	24.85			1.68	1.62	4.04	4.46	4.35	5.85
1.40	21.67	22.16	21.86	23.75	21.66	24.06			2.67	3.16	2.86	4.75	2.66	5.06
1.50	19.47	20.79	18.53	21.34	17.5	20.54	24.598	10.598	0.47	1.79	-0.47	2.34	-1.50	1.54
1.60	14.13	16.22	13.15	16.62	12.42	15.34	23.897	9.897	-4.87	-2.78	-5.85	-2.38	-6.58	-3.66
1.70	11.31	9.39	12.07	12.09	11.21	12.5	23.239	9.239	-7.69	-9.61	-6.93	-6.91	-7.79	-6.50
1.80	10.69	6.14	11.44	11.3	9.72	12.31	22.618	8.618	-8.31	-12.86	-7.56	-7.70	-9.28	-6.69
1.90	8.67	4.88	7.41	9.25	0.6	9.52	22.031	8.031	-10.33	-14.12	-11.59	-9.75	-18.40	-9.48
2.00	2.69	8.24	4.01	5.59	7.1	4.79	21.474	7.474	-16.31	-10.76	-14.99	-13.41	-11.90	-14.21
2.10	10.85	13.62	14.35	12.06	15.05	12.92	20.945	6.945	-8.15	-5.38	-4.65	-6.94	-3.95	-6.08
2.20	16.23	16.13	17.78	14.78	17.49	15.8	20.439	6.439	-2.77	-2.87	-1.22	-4.22	-1.51	-3.20
2.30	17.02	15.56	16.85	13.37	16.37	14.94	19.957	5.957	-1.98	-3.44	-2.15	-5.63	-2.63	-4.06
2.40	15.27	12.61	14.24	10.07	14.9	13.71	19.495	5.495	-3.73	-6.39	-4.76	-8.93	-4.10	-5.29
2.50	13.3	9.31	13.55	9.11	16	15.14	19.051	5.051	-5.70	-9.69	-5.45	-9.89	-3.00	-3.86
2.60	13.92	8.5	15.58	12.7	17.78	17.9	18.626	4.626	-5.08	-10.50	-3.42	-6.30	-1.22	-1.10
2.70	15.86	12.15	18	16.8	19.31	19.64	18.216	4.216	-3.14	-6.85	-1.00	-2.20	0.31	0.64
2.80	17.55	15.29	19.2	18.51	19.18	19.28	17.821	3.821	-1.45	-3.71	0.20	-0.49	0.18	0.28
2.90	18.19	16.83	18.71	18.28	17.5	17.13	17.440	3.440	-0.81	-2.17	-0.29	-0.72	-1.50	-1.87
3.00	17.39	16.48	16.66	16.15	14.63	13.3	17.072	3.072	-1.61	-2.52	-2.34	-2.85	-4.37	-5.70
3.10	15.33	14.42	13.48	12.62	11.4	9.1	16.716	2.716	-3.67	-4.58	-5.52	-6.38	-7.60	-9.90
3.20	12.34	11.32	10.26	8.6	9.41	8.28	16.371	2.371	-6.66	-7.68	-8.74	-10.40	-9.59	-10.72
3.30	11.01	8.64	9.31	7.32	9.56	9.01	16.037	2.037	-7.99	-10.36	-9.69	-11.68	-9.44	-9.99
3.40	10.07	7.37	8.89	7.06	8.66	7.6	15.713	1.713	-8.93	-11.63	-10.11	-11.94	-10.34	-11.40
3.50	9.56	5.42	6.83	2.54	6.04	0.7	15.398	1.398	-9.44	-13.58	-12.17	-16.46	-12.96	-18.30
3.60	7.82	2.18	6.27	-0.69	7.93	4.52	15.092	1.092	-11.18	-16.82	-12.73	-19.69	-11.07	-14.48
3.70	8.4	2.16	9.69	5.06	9.24	6.14	14.795	0.795	-10.60	-16.84	-9.31	-13.94	-9.76	-12.86
3.80	9.92	5.14	10.27	6.3	6.61	2.83	14.505	0.505	-9.08	-13.86	-8.73	-12.70	-12.39	-16.17
3.90	10	5.2	7.96	3.19	-1.43	0.81	14.223	0.223	-9.00	-13.80	-11.04	-15.81	-20.43	-18.19
4.00	6.84	0.49	1.2	0.5	-8.78	5.21	13.949	-0.051	-12.16	-18.51	-17.80	-18.50	-27.78	-13.79
4.10	0.79	-6.62	-4.06	3.7	-4.68	5.4	13.680	-0.320	-18.21	-25.62	-23.06	-15.30	-23.68	-13.60
4.20	-4.28	-1.79	1.75	4.64	2.58	3.89	13.419	-0.581	-23.28	-20.79	-17.25	-14.36	-16.42	-15.11
4.30	-2.47	-0.96	6.44	4.2	5.83	3.44	13.163	-0.837	-21.47	-19.96	-12.56	-14.80	-13.17	-15.56
4.40	2.56	0.14	7.32	4.4	3.17	3.33	12.914	-1.086	-16.44	-18.86	-11.68	-14.60	-15.83	-15.67
4.50	5.13	1.01	5.92	3.47	-2.48	2.41	12.670	-1.330	-13.87	-17.99	-13.08	-15.53	-21.48	-16.59
4.60	4.7	0	0.84	1.47	-5.77	1.82	12.431	-1.569	-14.30	-19.00	-18.16	-17.53	-24.77	-17.18
4.70	0.35	-3.03	-9.76	-2.71	-1.87	-0.08	12.198	-1.802	-18.65	-22.03	-28.76	-21.71	-20.87	-19.08
4.80	-5.75	-7.37	-3.23	-7.47	3.5	4.22	11.969	-2.031	-24.75	-26.37	-22.23	-26.47	-15.50	-14.78
4.90	-2.51	-3.97	4.53	2.01	7.24	7.58	11.745	-2.255	-21.51	-22.97	-14.47	-16.99	-11.76	-11.42
5.00	3.47	1.96	7.59	6.05	8.82	8.97	11.526	-2.474	-15.53	-17.04	-11.41	-12.95	-10.18	-10.03
5.10	6.16	5.6	8.15	7.43	9.25	9.79	11.311	-2.689	-12.84	-13.40	-10.85	-11.57	-9.75	-9.21
5.20	6.9	6.62	8.79	8.25	10.28	10.55	11.100	-2.900	-12.10	-12.38	-10.21	-10.75	-8.72	-8.45
5.30	7.98	7.95	10.37	10.16	11.32	12.14	10.893	-3.107	-11.02	-11.05	-8.63	-8.84	-7.68	-6.86
5.40	9.21	8.89	12.11	11.56	12.56	13.07	10.690	-3.310	-9.79	-10.11	-6.89	-7.44	-6.44	-5.93
5.50	10.35	10.57	13.33	13.11	13.07	13.22	10.491	-3.509	-8.65	-8.43	-5.67	-5.89	-5.93	-5.78

Table 3 Az Co Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
5.60	11.51	11.25	13.77	13.23	12.3	12.06	10.295	-3.705	-7.49	-7.75	-5.23	-5.77	-6.70	-6.94
5.70	11.5	11.08	12.94	12.08	10.49	9.85	10.103	-3.897	-7.50	-7.92	-6.06	-6.92	-8.51	-9.15
5.80	10.25	9.81	10.91	10.02	8.5	7.76	9.914	-4.086	-8.75	-9.19	-8.09	-8.98	-10.50	-11.24
5.90	7.56	7.6	8.56	8.38	8.13	7.52	9.729	-4.271	-11.44	-11.40	-10.44	-10.62	-10.87	-11.48
6.00	4.99	5.41	8.3	7.61	8.5	7.42	9.546	-4.454	-14.01	-13.59	-10.70	-11.39	-10.50	-11.58
6.10	4.38	4.32	8.37	7.29	7.27	6.18	9.367	-4.633	-14.62	-14.68	-10.63	-11.71	-11.73	-12.82
6.20	4.64	4.3	6.99	6.15	3.93	2.22	9.190	-4.810	-14.36	-14.70	-12.01	-12.85	-15.07	-16.78
6.30	4.47	3.25	2.91	2.69	1.28	-6.04	9.016	-4.984	-14.53	-15.75	-16.09	-16.31	-17.72	-25.04
6.40	2.29	0.49	-5.11	-0.73	1.12	-8.24	8.846	-5.154	-16.71	-18.51	-24.11	-19.73	-17.88	-27.24
6.50	-1.41	-4.39	-5.15	-0.3	0.41	-2.86	8.677	-5.323	-20.41	-23.39	-24.15	-19.30	-18.59	-21.86
6.60	-0.51	-6.13	-1.58	1.69	1.07	-1.32	8.511	-5.489	-19.51	-25.13	-20.58	-17.31	-17.93	-20.32
6.70	-0.22	-3.11	-1.95	1.87	3.01	-5.24	8.348	-5.652	-19.22	-22.11	-20.95	-17.13	-15.99	-24.24
6.80	-0.21	-2.96	0.64	-1.34	5.27	-11.74	8.187	-5.813	-19.21	-21.96	-18.36	-20.34	-13.73	-30.74
6.90	1.71	-6.69	3.98	-10.43	6.31	-6.98	8.029	-5.971	-17.29	-25.69	-15.02	-29.43	-12.69	-25.98
7.00	4.45	-20.17	5.52	-22.53	4.65	-8.47	7.873	-6.127	-14.55	-39.17	-13.48	-41.53	-14.35	-27.47
7.10	6.09	-13.18	5.36	-20.48	0.89	-4.2	8.000	-6.000	-12.91	-32.18	-13.64	-39.48	-18.11	-23.20
7.20	6.14	-12.21	3.32	-6.65	-4.95	0.14	8.000	-6.000	-12.86	-31.21	-15.68	-25.65	-23.95	-18.86
7.30	4.2	-28.92	0.32	-2.63	-4.15	-0.05	8.000	-6.000	-14.80	-47.92	-18.68	-21.63	-23.15	-19.05
7.40	1.18	-9.19	0.32	-3.4	0.05	-0.04	8.000	-6.000	-17.82	-28.19	-18.68	-22.40	-18.95	-19.04
7.50	-0.37	-6.2	2.84	-7.3	3.12	2.03	8.000	-6.000	-19.37	-25.20	-16.16	-26.30	-15.88	-16.97
7.60	0.92	-6.32	5.24	-2.43	3.61	4.01	8.000	-6.000	-18.08	-25.32	-13.76	-21.43	-15.39	-14.99
7.70	3.38	-4.74	6	1.47	2.82	4.66	8.000	-6.000	-15.62	-23.74	-13.00	-17.53	-16.18	-14.34
7.80	4.77	-1.31	5.67	3.18	1.82	4.97	8.000	-6.000	-14.23	-20.31	-13.33	-15.82	-17.18	-14.03
7.90	4.71	0.84	5.16	4.34	2.01	4.86	8.000	-6.000	-14.29	-18.16	-13.84	-14.66	-16.99	-14.14
8.00	4.18	2.27	4.79	5.29	2.25	4.46	8.000	-6.000	-14.82	-16.73	-14.21	-13.71	-16.75	-14.54
8.10	3.48	3.44	4.76	6	1.89	3.14	8.000	-6.000	-15.52	-15.56	-14.24	-13.00	-17.11	-15.86
8.20	3.34	4.26	4.84	5.65	1.18	0.75	8.000	-6.000	-15.66	-14.74	-14.16	-13.35	-17.82	-18.25
8.30	3.73	4.86	3.53	4.47	1.82	-6.26	8.000	-6.000	-15.27	-14.14	-15.47	-14.53	-17.18	-25.26
8.40	3.53	4.46	1.04	1.88	4.11	-13.72	8.000	-6.000	-15.47	-14.54	-17.96	-17.12	-14.89	-32.72
8.50	2	2.77	-1.28	-1.84	5.56	-9.68	8.000	-6.000	-17.00	-16.23	-20.28	-20.84	-13.44	-28.68
8.60	-0.92	-0.14	-0.63	-6.59	5.56	-9.35	8.000	-6.000	-19.92	-19.14	-19.63	-25.59	-13.44	-28.35
8.70	-1.71	-3.73	0.82	-8.54	5.45	-9.61	8.000	-6.000	-20.71	-22.73	-18.18	-27.54	-13.55	-28.61
8.80	0.06	-6.84	1.84	-8.17	5.58	-6.86	8.000	-6.000	-18.94	-25.84	-17.16	-27.17	-13.42	-25.86
8.90	0.67	-9.15	2.33	-8.66	5.96	-4.85	8.000	-6.000	-18.33	-28.15	-16.67	-27.66	-13.04	-23.85
9.00	0.87	-10.45	3.26	-6.68	6.44	-3.56	8.000	-6.000	-18.13	-29.45	-15.74	-25.68	-12.56	-22.56
9.10	1.91	-21.03	4.81	-2.84	6.38	-6.09	8.000	-6.000	-17.09	-40.03	-14.19	-21.84	-12.62	-25.09
9.20	3.58	-13.51	6.18	-2.1	5.37	-10.81	8.000	-6.000	-15.42	-32.51	-12.82	-21.10	-13.63	-29.81
9.30	4.82	-8.77	6.14	-2.9	4.44	-16.34	7.788	-6.212	-14.18	-27.77	-12.86	-21.90	-14.56	-35.34
9.40	5.53	-7.98	5.81	-5.6	3.71	-14.21	7.672	-6.328	-13.47	-26.98	-13.19	-24.60	-15.29	-33.21
9.50	5.46	-9.52	5.57	-6.07	3.92	-8.65	7.557	-6.443	-13.54	-28.52	-13.43	-25.07	-15.08	-27.65
9.60	4.58	-14.89	5.27	-11.27	3.89	-30.21	7.443	-6.557	-14.42	-33.89	-13.73	-30.27	-15.11	-49.21
9.70	3.84	-22.99	5.69	-8.55	2.64	-25.54	7.331	-6.669	-15.16	-41.99	-13.31	-27.55	-16.36	-44.54
9.80	4.16	-9.29	5.58	-4.94	0.41	-9.14	7.219	-6.781	-14.84	-28.29	-13.42	-23.94	-18.59	-28.14
9.90	4.47	-4.87	4.14	-5.19	-0.53	-5.25	7.109	-6.891	-14.53	-23.87	-14.86	-24.19	-19.53	-24.25
10.00	4.4	-3.9	2.2	-5.12	-0.41	-4.44	7.000	-7.000	-14.60	-22.90	-16.80	-24.12	-19.41	-23.44

Table 4 El Co Fine Off-Axis Angle	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC \$25.209 (a)(4)	FCC \$25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)
-10.00	-8.56	-4.12	-1.41	-3.15	-6.23	-8.7	7.000	-7.000	-27.56	-23.12	-20.41	-22.15	-25.23	-27.70
-9.90	-9.52	-10.19	-5.18	-9.04	-1.89	-18.18	7.109	-6.891	-28.52	-29.19	-24.18	-28.04	-20.89	-37.18
-9.80	-4.81	-18.84	-10.26	-21.78	-2.33	-8.23	7.219	-6.781	-23.81	-37.84	-29.26	-40.78	-21.33	-27.23
-9.70	-1.18	-12.14	-9.29	-19.89	-3.87	-7.74	7.331	-6.669	-20.18	-31.14	-28.29	-38.89	-22.87	-26.74
-9.60	-2.84	-4.6	-5.47	-19.38	-2.85	-5.45	7.443	-6.557	-21.84	-23.60	-24.47	-38.38	-21.85	-24.45
-9.50	-11.99	-3.66	-4.16	-7.96	-2.43	-3.47	7.557	-6.443	-30.99	-22.66	-23.16	-26.96	-21.43	-22.47
-9.40	-13.42	-5.75	-5.15	-4.92	0.29	-3.29	7.672	-6.328	-32.42	-24.75	-24.15	-23.92	-18.71	-22.29
-9.30	-11.09	-16.39	-5.42	-16.35	0.99	-4.32	7.788	-6.212	-30.09	-35.39	-24.42	-35.35	-18.01	-23.32
-9.20	-10.71	-11.97	-5.99	-12.94	0.77	-1.95	7.905	-6.095	-29.71	-30.97	-24.99	-31.94	-18.23	-20.95
-9.10	-8.75	-11.31	-7.97	-10.97	0.58	-1.65	8.024	-5.976	-27.75	-30.31	-26.97	-29.97	-18.42	-20.65
-9.00	-10.06	-7.21	-14.36	-28.99	-1.19	-1.47	8.144	-5.856	-29.06	-26.21	-33.36	-47.99	-20.19	-20.47
-8.90	-7.01	-5.1	-11.42	-7.14	-8.17	-0.96	8.265	-5.735	-26.01	-24.10	-30.42	-26.14	-27.17	-19.96
-8.80	-2.47	-7.61	-10.45	-6.29	-10.59	-4.34	8.388	-5.612	-21.47	-26.61	-29.45	-25.29	-29.59	-23.34
-8.70	-0.91	-7.95	-5.08	-15.98	-8.73	-5.58	8.512	-5.488	-19.91	-26.95	-24.08	-34.98	-27.73	-24.58
-8.60	-3.12	-5.19	-1.68	-9.63	-13.82	-3.74	8.638	-5.362	-22.12	-24.19	-20.68	-28.63	-32.82	-22.74
-8.50	-13.71	-6.83	-1.27	-6.48	-4.48	-4.74	8.765	-5.235	-32.71	-25.83	-20.27	-25.48	-23.48	-23.74
-8.40	-12.25	-12.8	-3.18	-12.8	-0.83	-17.71	8.893	-5.107	-31.25	-31.80	-22.18	-31.80	-19.83	-36.71
-8.30	-5.94	-6.41	-6.38	-9.33	0.51	-11.22	9.023	-4.977	-24.94	-25.41	-25.38	-28.33	-18.49	-30.22
-8.20	-0.59	-0.4	-16.94	-5.32	0.9	-8.56	9.155	-4.845	-19.59	-19.40	-35.94	-24.32	-18.10	-27.56
-8.10	0.29	3.25	-4.03	0.23	-1.07	-3.92	9.288	-4.712	-18.71	-15.75	-23.03	-18.77	-20.07	-22.92
-8.00	-1.15	5.04	-0.97	3.17	-6.2	-3.51	9.423	-4.577	-20.15	-13.96	-19.97	-15.83	-25.20	-22.51
-7.90	-2.62	5.11	-1.88	4.29	-8.44	-10.1	9.559	-4.441	-21.62	-13.89	-20.88	-14.71	-27.44	-29.10
-7.80	-2.12	3.68	-9.36	2.9	-4.58	-8.39	9.698	-4.302	-21.12	-15.32	-28.36	-16.10	-23.58	-27.39
-7.70	-2.81	2.5	-14.27	-0.65	-7.4	-0.86	9.838	-4.162	-21.81	-16.50	-33.27	-19.65	-26.40	-19.86
-7.60	-3.82	2.05	-13.36	-3.47	-5.37	-1.27	9.980	-4.020	-22.82	-16.95	-32.36	-22.47	-24.37	-20.27
-7.50	-2.44	0.98	-20.39	-4.11	-2.87	-14.7	10.123	-3.877	-21.44	-18.02	-39.39	-23.11	-21.87	-33.70
-7.40	-1.51	1.09	-6.32	-2.64	-4.51	-11.44	10.269	-3.731	-20.51	-17.91	-25.32	-21.64	-23.51	-30.44
-7.30	-1.72	-0.71	-0.77	-3.64	-4.2	-17.33	10.417	-3.583	-20.72	-19.71	-19.77	-22.64	-23.20	-36.33
-7.20	-1.54	-6.71	1.78	-4.42	1.39	-7.14	10.567	-3.433	-20.54	-25.71	-17.22	-23.42	-17.61	-26.14
-7.10	-1.37	-4.01	3.21	0.93	3.68	-0.76	10.719	-3.281	-20.37	-23.01	-15.79	-18.07	-15.32	-19.76
-7.00	-2.63	-4.13	3.41	1.71	4.9	1.77	10.873	-3.127	-21.63	-23.13	-15.59	-17.29	-14.10	-17.23
-6.90	-3.26	-7.56	1.69	-1.14	4.89	2.97	11.029	-2.971	-22.26	-26.56	-17.31	-20.14	-14.11	-16.03
-6.80	-2.13	-10.12	-0.63	-5.9	3.06	3.32	11.187	-2.813	-21.13	-29.12	-19.63	-24.90	-15.94	-15.68
-6.70	-0.41	-7.8	-0.18	-5.17	1.04	0.65	11.348	-2.652	-19.41	-26.80	-19.18	-24.17	-17.96	-18.35
-6.60	1.3	-0.06	0.94	-0.88	1.34	-1.25	11.511	-2.489	-17.70	-19.06	-18.06	-19.88	-17.66	-20.25
-6.50	0.87	2.76	1.62	2.74	1.19	-0.5	11.677	-2.323	-18.13	-16.24	-17.38	-16.26	-17.81	-19.50
-6.40	-3.01	2.39	1.96	2.9	1.75	1.88	11.846	-2.154	-22.01	-16.61	-17.04	-16.10	-17.25	-17.12
-6.30	-11.33	-4.86	-2.52	-1.91	0.98	3.36	12.016	-1.984	-30.33	-23.86	-21.52	-20.91	-18.02	-15.64
-6.20	-1.79	-7.33	-9.03	-2.11	-7.65	2.37	12.190	-1.810	-20.79	-26.33	-28.03	-21.11	-26.65	-16.63
-6.10	-2.78	-1.32	-1.1	1.71	-3.19	-0.76	12.367	-1.633	-21.78	-20.32	-20.10	-17.29	-22.19	-19.76
-6.00	-7	-1.38	-1.13	3.21	2.85	2.96	12.546	-1.454	-26.00	-20.38	-20.13	-15.79	-16.15	-16.04
-5.90	-7.98	1.66	-2.79	4.91	2.94	4.73	12.729	-1.271	-26.98	-17.34	-21.79	-14.09	-16.06	-14.27
-5.80	0	2.81	-1.4	6.7	0.66	4.8	12.914	-1.086	-19.00	-16.19	-20.40	-12.30	-18.34	-14.20
-5.70	5.72	4.84	3	7.49	1.59	5.92	13.103	-0.897	-13.28	-14.16	-16.00	-11.51	-17.41	-13.08
-5.60	7.15	7.32	7.53	9.39	6.32	6.98	13.295	-0.705	-11.85	-11.68	-11.47	-9.61	-12.68	-12.02
-5.50	6.11	7.93	9.13	10.32	9.5	9.09	13.491	-0.509	-12.89	-11.07	-9.87	-8.68	-9.50	-9.91
-5.40	3.27	7.16	8.84	9.96	10.99	11.47	13.690	-0.310	-15.73	-11.84	-10.16	-9.04	-8.01	-7.53
-5.30	0.92	6.01	7	10.2	9.92	12	13.893	-0.107	-18.08	-12.99	-12.00	-8.80	-9.08	-7.00
-5.20	-0.97	5.22	5.88	9.88	8.12	11.7	14.100	0.100	-19.97	-13.78	-13.12	-9.12	-10.88	-7.30
-5.10	-1.54	3.2	4.07	7.06	5.8	10.95	14.311	0.311	-20.54	-15.80	-14.93	-11.94	-13.20	-8.05
-5.00	-0.37	1.58	2.75	4.73	2.98	8.68	14.526	0.526	-19.37	-17.42	-16.25	-14.27	-16.02	-10.32
-4.90	-1.17	0.33	2.49	2.13	2.38	6.18	14.745	0.745	-20.17	-18.67	-16.51	-16.87	-16.62	-12.82

Table 4 El Co Fine Off-Axis Angle	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(4)	FCC §25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)
-4.80	4.01	-0.72	2.54	4.73	1.2	3.92	14.969	0.969	-14.99	-19.72	-16.46	-14.27	-17.80	-15.08
-4.70	7.85	4.51	7.12	8.16	0.62	1.74	15.198	1.198	-11.15	-14.49	-11.88	-10.84	-18.38	-17.26
-4.60	7.55	6.75	8.47	7.84	6.39	4.52	15.431	1.431	-11.45	-12.25	-10.53	-11.16	-12.61	-14.48
-4.50	7.04	6.55	8.12	7.01	8.53	7.51	15.670	1.670	-11.96	-12.45	-10.88	-11.99	-10.47	-11.49
-4.40	5.82	7.43	6.63	7.24	8.67	7.89	15.914	1.914	-13.18	-11.57	-12.37	-11.76	-10.33	-11.11
-4.30	3.83	5.32	5.48	5.79	8.56	9.38	16.163	2.163	-15.17	-13.68	-13.52	-13.21	-10.44	-9.62
-4.20	3.64	2.68	4.39	5.13	7.61	9.04	16.419	2.419	-15.36	-16.32	-14.61	-13.87	-11.39	-9.96
-4.10	5.07	3.19	6.22	6.32	5.53	6.78	16.680	2.680	-13.93	-15.81	-12.78	-12.68	-13.47	-12.22
-4.00	5.88	5.18	7.2	7.41	6.42	5.56	16.949	2.949	-13.12	-13.82	-11.80	-11.59	-12.58	-13.44
-3.90	6.39	7.03	7.38	8.27	7.94	7.36	17.223	3.223	-12.61	-11.97	-11.62	-10.73	-11.06	-11.64
-3.80	5.76	6.25	7.36	5.69	9.11	9.42	17.505	3.505	-13.24	-12.75	-11.64	-13.31	-9.89	-9.58
-3.70	-0.05	-2.31	4.55	-7.68	9.06	9.92	17.795	3.795	-19.05	-21.31	-14.45	-26.68	-9.94	-9.08
-3.60	0.48	-1.63	-3.74	2.09	4.67	7.05	18.092	4.092	-18.52	-20.63	-22.74	-16.91	-14.33	-11.95
-3.50	3.51	5.29	2.54	6.34	-7.59	-4.7	18.398	4.398	-15.49	-13.71	-16.46	-12.66	-26.59	-23.70
-3.40	3.3	6.07	3.63	6.64	2.65	-1.05	18.713	4.713	-15.70	-12.93	-15.37	-12.36	-16.35	-20.05
-3.30	5.48	4.26	2.81	5.15	3.75	6.46	19.037	5.037	-13.52	-14.74	-16.19	-13.85	-15.25	-12.54
-3.20	9.45	6.45	7.56	8.46	0.33	5.76	19.371	5.371	-9.55	-12.55	-11.44	-10.54	-18.67	-13.24
-3.10	13.24	10.73	12.27	13.02	4.82	5.46	19.716	5.716	-5.76	-8.27	-6.73	-5.98	-14.18	-13.54
-3.00	15.51	14.18	15.81	16.75	11.09	9.5		6.072	-3.49	-4.82	-3.19	-2.25	-7.91	-9.50
-2.90	15.83	16.37	17.55	17.51	15.19	14.27			-3.17	-2.63	-1.45	-1.49	-3.81	-4.73
-2.80	13.02	15.51	16.63	15.37	16.53	16.53			-5.98	-3.49	-2.37	-3.63	-2.47	-2.47
-2.70	6.56	11.46	13.12	8.75	15.88	16.11			-12.44	-7.54	-5.88	-10.25	-3.12	-2.89
-2.60	-4.47	4.29	7.49	5.26	13.57	12.07			-23.47	-14.71	-11.51	-13.74	-5.43	-6.93
-2.50	3.01	4.85	7.13	11.66	12.7	8.18			-15.99	-14.15	-11.87	-7.34	-6.30	-10.82
-2.40	10.09	12.39	10.53	15.49	14.71	9.9			-8.91	-6.61	-8.47	-3.51	-4.29	-9.10
-2.30	12.76	14.73	13.05	16.78	16.86	13.56			-6.24	-4.27	-5.95	-2.22	-2.14	-5.44
-2.20	11.14	14.23	11.6	14.01	17.18	16.06			-7.86	-4.77	-7.40	-4.99	-1.82	-2.94
-2.10	1.1	8.54	-2.85	6.3	14.82	15.73			-17.90	-10.46	-21.85	-12.70	-4.18	-3.27
-2.00	2.96	8.69	7.88	10.13	12.39	13.31			-16.04	-10.31	-11.12	-8.87	-6.61	-5.69
-1.90	8.01	11.38	13.01	9.8	12.51	11.51			-10.99	-7.62	-5.99	-9.20	-6.49	-7.49
-1.80	10.63	8.36	13.28	9.6	11.65	7.79			-8.37	-10.64	-5.72	-9.40	-7.35	-11.21
-1.70	10.38	9.34	12.46	12.13	10.7	7.73			-8.62	-9.66	-6.54	-6.87	-8.30	-11.27
-1.60	11.14	9.66	13.11	12.19	12.97	11.28			-7.86	-9.34	-5.89	-6.81	-6.03	-7.72
-1.50	18.7	11.84	20.05	18.9	20.07	11.41			-0.30	-7.16	1.05	-0.10	1.07	-7.59
-1.40	21.19	19.17	23.37	22.94	23.74	18.84			2.19	0.17	4.37	3.94	4.74	-0.16
-1.30	15.99	21.6	20.93	21.5	21.74	23.28			-3.01	2.60	1.93	2.50	2.74	4.28
-1.20	10.85	16.37	15.73	17.27	17.15	21.87			-8.15	-2.63	-3.27	-1.73	-1.85	2.87
-1.10	17.78	12.12	19.71	21.23	21.16	18.99			-1.22	-6.88	0.71	2.23	2.16	-0.01
-1.00	11.04	20.43	14.03	17.78	17.34	23.15			-7.96	1.43	-4.97	-1.22	-1.66	4.15
-0.90	17.29	15.59	14.18	14.51	4.96	21.06			-1.71	-3.41	-4.82	-4.49	-14.04	2.06
-0.80	18.7	16.45	17.36	20.35	15.63	10.66			-0.30	-2.55	-1.64	1.35	-3.37	-8.34
-0.70	16.08	20.29	17.03	4.35	17.83	21.02			-2.92	1.29	-1.97	-14.65	-1.17	2.02
-0.60	25.91	15.71	27.13	25.46	27.94	5.6			6.91	-3.29	8.13	6.46	8.94	-13.40
-0.50	18.81	27.18	19.84	30.11	25.39	24.87			-0.19	8.18	0.84	11.11	6.39	5.87
-0.40	37.34	30.02	37.94	39.64	38.12	31.7			18.34	11.02	18.94	20.64	19.12	12.70
-0.30	45.48	37.68	46.53	46.89	46.58	41.12			26.48	18.68	27.53	27.89	27.58	22.12
-0.20	50.06	45.35	51.08	50.84	51.07	47.67			31.06	26.35	32.08	31.84	32.07	28.67
-0.10	52.35	49.64	53.37	53.46	53.31	51.57			33.35	30.64	34.37	34.46	34.31	32.57
0.00	52.41	52.25	53.52	53.51	53.46	53.86			33.41	33.25	34.52	34.51	34.46	34.86
0.10	51.29	52.42	52.12	51.7	51.85	53.83			32.29	33.42	33.12	32.70	32.85	34.83
0.20	47.6	50.83	48.01	48.16	47.56	52.15			28.60	31.83	29.01	29.16	28.56	33.15
0.30	40.42	47.68	39.92	41.3	38.99	48.1			21.42	28.68	20.92	22.30	19.99	29.10

Table 4 El Co Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC §25.209 (a)(4)	FCC §25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)
0.40	27.52	40.89	26.11	34.47	27.52	40.45			8.52	21.89	7.11	15.47	8.52	21.45
0.50	27.6	34.17	29.44	29.68	29.25	33.21			8.60	15.17	10.44	10.68	10.25	14.21
0.60	22.65	29.27	21.7	19.23	18.93	27.99			3.65	10.27	2.70	0.23	-0.07	8.99
0.70	20.24	21.41	22.48	17.31	21.47	17.85			1.24	2.41	3.48	-1.69	2.47	-1.15
0.80	23.16	9.54	22.82	23.46	19.58	17.74			4.16	-9.46	3.82	4.46	0.58	-1.26
0.90	15.31	21.8	11.42	21.79	19.11	22.38			-3.69	2.80	-7.58	2.79	0.11	3.38
1.00	11.1	23.27	20.25	16.46	23.53	19.61			-7.90	4.27	1.25	-2.54	4.53	0.61
1.10	17.26	6.22	21.7	23.09	22.92	23.77			-1.74	-12.78	2.70	4.09	3.92	4.77
1.20	14.07	18.01	20.18	21.12	21.15	25.73			-4.93	-0.99	1.18	2.12	2.15	6.73
1.30	18.62	17.56	22.04	17.69	22.86	22.19			-0.38	-1.44	3.04	-1.31	3.86	3.19
1.40	21.37	11.54	22.31	19.87	22.38	19.59			2.37	-7.46	3.31	0.87	3.38	0.59
1.50	19.78	17.76	19.03	18.53	17.36	20.85			0.78	-1.24	0.03	-0.47	-1.64	1.85
1.60	14.7	18.52	13.29	12.76	10.63	18.34			-4.30	-0.48	-5.71	-6.24	-8.37	-0.66
1.70	9.9	14.15	12.57	12.2	11.96	13.26			-9.10	-4.85	-6.43	-6.80	-7.04	-5.74
1.80	13.31	11.62	12.73	3.7	9.89	12.08			-5.69	-7.38	-6.27	-15.30	-9.11	-6.92
1.90	11.06	7.8	9.22	1.89	3.04	-2.87			-7.94	-11.20	-9.78	-17.11	-15.96	-21.87
2.00	7.66	-13.58	5.54	10	5.2	9.14			-11.34	-32.58	-13.46	-9.00	-13.80	-9.86
2.10	9.07	9.37	11.03	11.36	14.33	12.78			-9.93	-9.63	-7.97	-7.64	-4.67	-6.22
2.20	14.55	10.08	17.13	17.84	18.24	14.73			-4.45	-8.92	-1.87	-1.16	-0.76	-4.27
2.30	18	12.18	19.36	21.37	18.78	20.46			-1.00	-6.82	0.36	2.37	-0.22	1.46
2.40	18.2	18.04	18.5	20.46	16.7	21.79			-0.80	-0.96	-0.50	1.46	-2.30	2.79
2.50	15.85	19.13	15.6	16.45	14.05	20.05			-3.15	0.13	-3.40	-2.55	-4.95	1.05
2.60	13.27	16.72	14.22	14.46	14.38	15.93			-5.73	-2.28	-4.78	-4.54	-4.62	-3.07
2.70	13.49	14.33	15.53	15.01	16.78	15.75			-5.51	-4.67	-3.47	-3.99	-2.22	-3.25
2.80	15.72	14.51	18.14	17.24	18.27	17.04			-3.28	-4.49	-0.86	-1.76	-0.73	-1.96
2.90	17.19	16.29	18.52	18.26	17.23	19.29			-1.81	-2.71	-0.48	-0.74	-1.77	0.29
3.00	16.87	18.03	16.65	16.72	14.63	18.92			-2.13	-0.97	-2.35	-2.28	-4.37	-0.08
3.10	15.46	17.64	14.86	12.99	12.94	16.35	19.716	5.716	-3.54	-1.36	-4.14	-6.01	-6.06	-2.65
3.20	12.52	14.56	12.8	11.05	10.88	13.37	19.371	5.371	-6.48	-4.44	-6.20	-7.95	-8.12	-5.63
3.30	11.34	10.87	11.16	12.12	7.24	12.58	19.037	5.037	-7.66	-8.13	-7.84	-6.88	-11.76	-6.42
3.40	10.72	11.07	9.16	12.5	5.91	12.41	18.713	4.713	-8.28	-7.93	-9.84	-6.50	-13.09	-6.59
3.50	10.71	12.22	7.73	11.29	2.68	11.12	18.398	4.398	-8.29	-6.78	-11.27	-7.71	-16.32	-7.88
3.60	7.92	13	-0.74	-4.9	1.86	5.46	18.092	4.092	-11.08	-6.00	-19.74	-23.90	-17.14	-13.54
3.70	-1.45	9.5	2.89	2.05	9.97	3.85	17.795	3.795	-20.45	-9.50	-16.11	-16.95	-9.03	-15.15
3.80	1.89	0.53	8.16	8.54	10.36	8.18	17.505	3.505	-17.11	-18.47	-10.84	-10.46	-8.64	-10.82
3.90	5.38	3.53	7.46	8.36	8.58	7.11	17.223	3.223	-13.62	-15.47	-11.54	-10.64	-10.42	-11.89
4.00	5.54	7.87	4.29	6.53	5.99	1.11	16.949	2.949	-13.46	-11.13	-14.71	-12.47	-13.01	-17.89
4.10	5.3	5.73	4.31	6.56	5.72	3.55	16.680	2.680	-13.70	-13.27	-14.69	-12.44	-13.28	-15.45
4.20	5.79	4.96	3.89	5.8	5.75	3.86	16.419	2.419	-13.21	-14.04	-15.11	-13.20	-13.25	-15.14
4.30	4.6	5.3	3.52	6.42	8.6	5.65	16.163	2.163	-14.40	-13.70	-15.48	-12.58	-10.40	-13.35
4.40	3	2.19	6.11	5.68	8.82	5.34	15.914	1.914	-16.00	-16.81	-12.89	-13.32	-10.18	-13.66
4.50	3.96	2.07	4.16	-0.17	4.97	-5.56	15.670	1.670	-15.04	-16.93	-14.84	-19.17	-14.03	-24.56
4.60	3.84	0.62	-1.32	-3.23	-0.05	1.94	15.431	1.431	-15.16	-18.38	-20.32	-22.23	-19.05	-17.06
4.70	4.47	0.07	-2.38	-0.5	-10.67	1.61	15.198	1.198	-14.53	-18.93	-21.38	-19.50	-29.67	-17.39
4.80	2.81	4.1	-4.37	4.08	3.27	-1	14.969	0.969	-16.19	-14.90	-23.37	-14.92	-15.73	-20.00
4.90	-2.46	3.17	6.11	7.47	6.93	6.79	14.745	0.745	-21.46	-15.83	-12.89	-11.53	-12.07	-12.21
5.00	2.78	-2.64	8.5	7.83	3.91	8.56	14.526	0.526	-16.22	-21.64	-10.50	-11.17	-15.09	-10.44
5.10	3.79	1.48	7.46	8.91	-1.02	9.47	14.311	0.311	-15.21	-17.52	-11.54	-10.09	-20.02	-9.53
5.20	2.46	2.95	6.84	9.66	2.8	10.78	14.100	0.100	-16.54	-16.05	-12.16	-9.34	-16.20	-8.22
5.30	3.13	4.37	7.05	8.75	6.33	11.36	13.893	-0.107	-15.87	-14.63	-11.95	-10.25	-12.67	-7.64
5.40	4.89	6.01	8.54	8.65	9.09	10.65	13.690	-0.310	-14.11	-12.99	-10.46	-10.35	-9.91	-8.35
5.50	7.13	7.79	10.46	10.83	8.92	10.74	13.491	-0.509	-11.87	-11.21	-8.54	-8.17	-10.08	-8.26

Table 4 El Co Fine Off-Axis Angle	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)	FCC \$25.209 (a)(4)	FCC \$25.218 (f)(2)	14 GHz (VV)	14 GHz (HH)	14.25 GHz (VV)	14.25 GHz (HH)	14.5 GHz (VV)	14.5 GHz (HH)
5.60	9.02	8.63	10.81	11.61	6.68	10.88	13.295	-0.705	-9.98	-10.37	-8.19	-7.39	-12.32	-8.12
5.70	9.29	8.64	9.82	12.13	4.67	11.18	13.103	-0.897	-9.71	-10.36	-9.18	-6.87	-14.33	-7.82
5.80	8.3	8.43	8.61	12.6	4.65	11.53	12.914	-1.086	-10.70	-10.57	-10.39	-6.40	-14.35	-7.47
5.90	7.23	8.41	7.25	11.86	5.64	11.43	12.729	-1.271	-11.77	-10.59	-11.75	-7.14	-13.36	-7.57
6.00	6.31	8.32	5.23	8.94	6.78	10.23	12.546	-1.454	-12.69	-10.68	-13.77	-10.06	-12.22	-8.77
6.10	5.28	6.05	1.47	5.02	6.24	7.67	12.367	-1.633	-13.72	-12.95	-17.53	-13.98	-12.76	-11.33
6.20	3.8	-0.69	-5.15	3.99	6.14	7	12.190	-1.810	-15.20	-19.69	-24.15	-15.01	-12.86	-12.00
6.30	0.63	-13.47	0.14	5.68	7.51	8.99	12.016	-1.984	-18.37	-32.47	-18.86	-13.32	-11.49	-10.01
6.40	-8.57	-8.25	6.97	5.23	8.27	8.55	11.846	-2.154	-27.57	-27.25	-12.03	-13.77	-10.73	-10.45
6.50	0.33	-3.58	9.09	1.26	6.83	4.82	11.677	-2.323	-18.67	-22.58	-9.91	-17.74	-12.17	-14.18
6.60	2.91	-1.73	8.41	-3.01	5.21	0.54	11.511	-2.489	-16.09	-20.73	-10.59	-22.01	-13.79	-18.46
6.70	1.49	-3.45	6.93	-3.26	4.78	-0.38	11.348	-2.652	-17.51	-22.45	-12.07	-22.26	-14.22	-19.38
6.80	-2.24	-5.19	5.44	-1.85	4.54	2.11	11.187	-2.813	-21.24	-24.19	-13.56	-20.85	-14.46	-16.89
6.90	-3.57	-5.31	5.04	-0.41	4.54	2.86	11.029	-2.971	-22.57	-24.31	-13.96	-19.41	-14.46	-16.14
7.00	-3.21	-5.31	6.06	-0.96	3.42	0.46	10.873	-3.127	-22.21	-24.31	-12.94	-19.96	-15.58	-18.54
7.10	-1.41	-3.6	5.94	-1.48	1.53	-5.02	10.719	-3.281	-20.41	-22.60	-13.06	-20.48	-17.47	-24.02
7.20	0.15	-1.95	4.9	-5.77	1.5	-5.29	10.567	-3.433	-18.85	-20.95	-14.10	-24.77	-17.50	-24.29
7.30	-1.25	-1.15	5.18	-2.69	0.8	-0.22	10.417	-3.583	-20.25	-20.15	-13.82	-21.69	-18.20	-19.22
7.40	-2.23	0.92	3.87	-12.1	-1.47	-11.64	10.269	-3.731	-21.23	-18.08	-15.13	-31.10	-20.47	-30.64
7.50	-2.2	2.6	-1.67	-5.01	1.26	-4.91	10.123	-3.877	-21.20	-16.40	-20.67	-24.01	-17.74	-23.91
7.60	-3.16	0.95	-14.62	-2.12	2.19	-2.53	9.980	-4.020	-22.16	-18.05	-33.62	-21.12	-16.81	-21.53
7.70	-2.2	-9.02	-5.08	-8.69	0.34	-7.48	9.838	-4.162	-21.20	-28.02	-24.08	-27.69	-18.66	-26.48
7.80	-0.71	-7.66	-3.22	-3.62	-1.39	-2.18	9.698	-4.302	-19.71	-26.66	-22.22	-22.62	-20.39	-21.18
7.90	-0.32	-4.96	-1.27	1.78	0.69	2.88	9.559	-4.441	-19.32	-23.96	-20.27	-17.22	-18.31	-16.12
8.00	-1.46	-10.84	1.2	3.33	2.02	3.67	9.423	-4.577	-20.46	-29.84	-17.80	-15.67	-16.98	-15.33
8.10	-2.92	-3.32	1.07	2.52	3.76	3.45	9.288	-4.712	-21.92	-22.32	-17.93	-16.48	-15.24	-15.55
8.20	-5.64	-0.47	1.2	1.59	3.26	4.55	9.155	-4.845	-24.64	-19.47	-17.80	-17.41	-15.74	-14.45
8.30	-5.4	-0.08	1.45	2.37	0.62	3.9	9.023	-4.977	-24.40	-19.08	-17.55	-16.63	-18.38	-15.10
8.40	-1.54	-0.67	1.81	1.67	-4.62	3.3	8.893	-5.107	-20.54	-19.67	-17.19	-17.33	-23.62	-15.70
8.50	-1.96	0.01	1.89	1.09	-3.61	4.06	8.765	-5.235	-20.96	-18.99	-17.11	-17.91	-22.61	-14.94
8.60	-9.84	0.65	3.15	-2.87	-4.27	3.07	8.638	-5.362	-28.84	-18.35	-15.85	-21.87	-23.27	-15.93
8.70	-2.36	0.88	2.58	-6.03	-4.54	1.64	8.512	-5.488	-21.36	-18.12	-16.42	-25.03	-23.54	-17.36
8.80	0.99	-0.73	1.15	-8.7	-2.26	-0.61	8.388	-5.612	-18.01	-19.73	-17.85	-27.70	-21.26	-19.61
8.90	0.57	-0.23	0.77	-12.73	0.51	2.49	8.265	-5.735	-18.43	-19.23	-18.23	-31.73	-18.49	-16.51
9.00	-1.25	-0.01	1.17	-9.51	2.59	4.8	8.144	-5.856	-20.25	-19.01	-17.83	-28.51	-16.41	-14.20
9.10	-0.98	0.32	3.35	-1.27	2.74	5.97	8.024	-5.976	-19.98	-18.68	-15.65	-20.27	-16.26	-13.03
9.20	0.38	0.16	3.87	2.39	-2.1	4.77	7.905	-6.095	-18.62	-18.84	-15.13	-16.61	-21.10	-14.23
9.30	1.51	-4.29	1.73	0.11	-13.67	1.69	7.788	-6.212	-17.49	-23.29	-17.27	-18.89	-32.67	-17.31
9.40	0.95	-4.74	-1.51	-5.45	-11.78	-9.69	7.672	-6.328	-18.05	-23.74	-20.51	-24.45	-30.78	-28.69
9.50	0.12	-1.61	-0.67	-3.94	-6.94	-27.83	7.557	-6.443	-18.88	-20.61	-19.67	-22.94	-25.94	-46.83
9.60	-0.81	-0.8	-1.9	-4.63	-3.54	-18.31	7.443	-6.557	-19.81	-19.80	-20.90	-23.63	-22.54	-37.31
9.70	-3.73	-2.64	-4.26	-11.41	-4.12	-10.3	7.331	-6.669	-22.73	-21.64	-23.26	-30.41	-23.12	-29.30
9.80	-6.03	-3.88	-5.85	-11.71	-2.87	-13.51	7.219	-6.781	-25.03	-22.88	-24.85	-30.71	-21.87	-32.51
9.90	-1.04	-9.26	-1.35	-21.48	0.9	-6.89	7.109	-6.891	-20.04	-28.26	-20.35	-40.48	-18.10	-25.89
10.00	1.13	-3.94	2.81		2.29	0.53	7.000	-7.000	-17.87	-22.94	-16.19	-19.00	-16.71	-18.47

Table 5 Az Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(1)	FCC §25.218 (f)(1)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
-10.00	-17.17	-22.77	-16.15	-23.15	-21.99	-38.98		-7.000	-36.17	-41.77	-35.15	-42.15	-40.99	-57.98
-9.90	-15.89	-19.86	-17.7	-20.23	-16.27	-33.18		-6.891	-34.89	-38.86	-36.70	-39.23	-35.27	-52.18
-9.80	-14.97	-19.89	-23.73	-18.68	-15.31	-31.67		-6.781	-33.97	-38.89	-42.73	-37.68	-34.31	-50.67
-9.70	-14.3	-19.09	-17.58	-16.31	-19.64	-21.02		-6.669	-33.30	-38.09	-36.58	-35.31	-38.64	-40.02
-9.60	-15.05	-18.68	-15.23	-16.93	-22.06	-18.2		-6.557	-34.05	-37.68	-34.23	-35.93	-41.06	-37.20
-9.50	-14.81	-17.17	-12.37	-16.11	-16.83	-16.52		-6.443	-33.81	-36.17	-31.37	-35.11	-35.83	-35.52
-9.40	-15.47	-19.08	-12.97	-19.3	-14.33	-15.15		-6.328	-34.47	-38.08	-31.97	-38.30	-33.33	-34.15
-9.30	-16.84	-18.09	-14.5	-17.98	-12.65	-15.88		-6.212	-35.84	-37.09	-33.50	-36.98	-31.65	-34.88
-9.20	-17.68	-19.65	-18.16	-17.85	-15.23	-15.24	-2.000	-6.000	-36.68	-38.65	-37.16	-36.85	-34.23	-34.24
-9.10	-16.95	-18.58	-18.31	-14.54	-17.18	-19.9	-2.000	-6.000	-35.95	-37.58	-37.31	-33.54	-36.18	-38.90
-9.00	-14.21	-16.15	-20.74	-14.33	-18.3	-21.35	-2.000	-6.000	-33.21	-35.15	-39.74	-33.33	-37.30	-40.35
-8.90	-13.75	-15.33	-15.99	-12.94	-20.57	-18.74	-2.000	-6.000	-32.75	-34.33	-34.99	-31.94	-39.57	-37.74
-8.80	-15.65	-14.94	-13.4	-14.06	-18.37	-14.29	-2.000	-6.000	-34.65	-33.94	-32.40	-33.06	-37.37	-33.29
-8.70	-18.9	-14.54	-17.42	-16.04	-14.65	-14.14	-2.000	-6.000	-37.90	-33.54	-36.42	-35.04	-33.65	-33.14
-8.60	-19.56	-15.74	-26.76	-15.62	-15.27	-12.61	-2.000	-6.000	-38.56	-34.74	-45.76	-34.62	-34.27	-31.61
-8.50	-13.63	-12.04	-33.34	-13.78	-19.79	-17.47	-2.000	-6.000	-32.63	-31.04	-52.34	-32.78	-38.79	-36.47
-8.40	-9.49	-9.47	-23.51	-11.91	-33.74	-19.06	-2.000	-6.000	-28.49	-28.47	-42.51	-30.91	-52.74	-38.06
-8.30	-7.65	-8.77	-12.19	-9.1	-26.94	-17.42	-2.000	-6.000	-26.65	-27.77	-31.19	-28.10	-45.94	-36.42
-8.20	-8.25	-7.64	-8.99	-7.71	-13.75	-15.43	-2.000	-6.000	-27.25	-26.64	-27.99	-26.71	-32.75	-34.43
-8.10	-9.58	-8.44	-9.31	-7.07	-9.63	-11.71	-2.000	-6.000	-28.58	-27.44	-28.31	-26.07	-28.63	-30.71
-8.00	-10.01	-8.55	-9.99	-8.08	-8.48	-11.12	-2.000	-6.000	-29.01	-27.55	-28.99	-27.08	-27.48	-30.12
-7.90	-9.58	-7.69	-9.84	-8.95	-8.71	-9.81	-2.000	-6.000	-28.58	-26.69	-28.84	-27.95	-27.71	-28.81
-7.80	-8.08	-7.28	-8.67	-9.4	-9.56	-10.49	-2.000	-6.000	-27.08	-26.28	-27.67	-28.40	-28.56	-29.49
-7.70	-7.97	-7.31	-6.89	-8.21	-9.23	-9.79	-2.000	-6.000	-26.97	-26.31	-25.89	-27.21	-28.23	-28.79
-7.60	-8.19	-7.07	-6.42	-7.27	-7.93	-9.98	-2.000	-6.000	-27.19	-26.07	-25.42	-26.27	-26.93	-28.98
-7.50	-7.23	-8.32	-6.22	-6.88	-6.93	-9.48	-2.000	-6.000	-26.23	-27.32	-25.22	-25.88	-25.93	-28.48
-7.40	-6.62	-8.48	-5.87	-7.09	-6.41	-8.21	-2.000	-6.000	-25.62	-27.48	-24.87	-26.09	-25.41	-27.21
-7.30	-6.78	-9.27	-5.51	-8.02	-5.47	-7.72	-2.000	-6.000	-25.78	-28.27	-24.51	-27.02	-24.47	-26.72
-7.20	-9.26	-12.79	-6.03	-11.42	-5.24	-8.06	-2.000	-6.000	-28.26	-31.79	-25.03	-30.42	-24.24	-27.06
-7.10	-11.03	-14.2	-8.19	-12.71	-6.34	-8.53	-2.000	-6.000	-30.03	-33.20	-27.19	-31.71	-25.34	-27.53
-7.00	-10.78	-15.68	-9.93	-14.27	-8.38	-10.46	-2.127	-6.127	-29.78	-34.68	-28.93	-33.27	-27.38	-29.46
-6.90	-8.22	-15.67	-9.71	-15.26	-9.19	-10.6	-1.971	-5.971	-27.22	-34.67	-28.71	-34.26	-28.19	-29.60
-6.80	-7.18	-13.95	-8.63	-13.35	-8.9	-11.07	-1.813	-5.813	-26.18	-32.95	-27.63	-32.35	-27.90	-30.07
-6.70	-9.14	-13.83	-8.24	-12.3	-7.01	-9.83	-1.652	-5.652	-28.14	-32.83	-27.24	-31.30	-26.01	-28.83
-6.60	-14.29	-13.89	-9.06	-12.52	-5.46	-8.72	-1.489	-5.489	-33.29	-32.89	-28.06	-31.52	-24.46	-27.72
-6.50	-19.52	-15.12	-14.72	-13.15	-6.11	-9.97	-1.323	-5.323	-38.52	-34.12	-33.72	-32.15	-25.11	-28.97
-6.40	-19.14	-14.97	-28.75	-14.63	-8.65	-10.09	-1.154	-5.154	-38.14	-33.97	-47.75	-33.63	-27.65	-29.09
-6.30	-20.31	-15.57	-19.91	-15.76	-18.77	-10.8	-0.984	-4.984	-39.31	-34.57	-38.91	-34.76	-37.77	-29.80
-6.20	-20.51	-15.71	-21.47	-19	-28.25	-11.17	-0.810	-4.810	-39.51	-34.71	-40.47	-38.00	-47.25	-30.17
-6.10	-15.11	-15.47	-22.72	-20.55	-22.72	-11.37	-0.633	-4.633	-34.11	-34.47	-41.72	-39.55	-41.72	-30.37
-6.00	-11.17	-12.48	-22.05	-14.98	-18.54	-12.74	-0.454	-4.454	-30.17	-31.48	-41.05	-33.98	-37.54	-31.74
-5.90	-8.11	-11.53	-14.34	-10.92	-36.9	-11.95	-0.271	-4.271	-27.11	-30.53	-33.34	-29.92	-55.90	-30.95
-5.80	-6.34	-11.56	-7.89	-7.52	-16.11	-9.67	-0.086	-4.086	-25.34	-30.56	-26.89	-26.52	-35.11	-28.67
-5.70	-4.9	-13.05	-5.93	-7.06	-9.58	-8.37	0.103	-3.897	-23.90	-32.05	-24.93	-26.06	-28.58	-27.37
-5.60	-2.88	-13.71	-5.03	-8.4	-7.07	-9.1	0.295	-3.705	-21.88	-32.71	-24.03	-27.40	-26.07	-28.10
-5.50	-2.28	-12.56	-4.42	-10.31	-6.09	-12.38	0.491	-3.509	-21.28	-31.56	-23.42	-29.31	-25.09	-31.38
-5.40	-2.62	-10.4	-3.21	-12.5	-3.83	-13.36	0.690	-3.310	-21.62	-29.40	-22.21	-31.50	-22.83	-32.36
-5.30	-5.07	-6.69	-4.66	-21.13	-4.45	-14.52	0.893	-3.107	-24.07	-25.69	-23.66	-40.13	-23.45	-33.52
-5.20	-6.25	-4.88	-5.97	-12.54	-6.57	-21.56	1.100	-2.900	-25.25	-23.88	-24.97	-31.54	-25.57	-40.56
-5.10	-6.25	-4.7	-6.17	-6.73	-8.61	-22.33	1.311	-2.689	-25.25	-23.70	-25.17	-25.73	-27.61	-41.33
-5.00	-4.72	-4.47	-6.69	-4.84	-7.24	-11.86	1.526	-2.474	-23.72	-23.47	-25.69	-23.84	-26.24	-30.86
-4.90	-3.5	-5.06	-6.92	-4.67	-6.97	-11.66	1.745	-2.255	-22.50	-24.06	-25.92	-23.67	-25.97	-30.66

Table 5 Az Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(1)	FCC §25.218 (f)(1)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
-4.80	-5.25	-6.79	-6.5	-4.75	-7.01	-11.29	1.969	-2.031	-24.25	-25.79	-25.50	-23.75	-26.01	-30.29
-4.70	-7.77	-10.95	-8.64	-6.11	-6.38	-9.34	2.198	-1.802	-26.77	-29.95	-27.64	-25.11	-25.38	-28.34
-4.60	-9.61	-13.55	-13.01	-9.65	-9.5	-11.37	2.431	-1.569	-28.61	-32.55	-32.01	-28.65	-28.50	-30.37
-4.50	-8.93	-20.06	-11.03	-10.29	-11.49	-15.12	2.670	-1.330	-27.93	-39.06	-30.03	-29.29	-30.49	-34.12
-4.40	-6.41	-19.24	-8.42	-10.88	-10.49	-22.58	2.914	-1.086	-25.41	-38.24	-27.42	-29.88	-29.49	-41.58
-4.30	-4.6	-8.74	-5.01	-11	-8.05	-13.57	3.163	-0.837	-23.60	-27.74	-24.01	-30.00	-27.05	-32.57
-4.20	-7.44	-7.47	-4.21	-7.53	-4.77	-10.52	3.419	-0.581	-26.44	-26.47	-23.21	-26.53	-23.77	-29.52
-4.10	-14.17	-10.32	-7.99	-7.52	-5.09	-10.59	3.680	-0.320	-33.17	-29.32	-26.99	-26.52	-24.09	-29.59
-4.00	-9.62	-10.71	-12.83	-9.9	-10.88	-8.92	3.949	-0.051	-28.62	-29.71	-31.83	-28.90	-29.88	-27.92
-3.90	-11.68	-8.96	-9.49	-10.84	-16.01	-8.14	4.223	0.223	-30.68	-27.96	-28.49	-29.84	-35.01	-27.14
-3.80	-7.6	-12.7	-9.34	-8.32	-15.4	-6.79	4.505	0.505	-26.60	-31.70	-28.34	-27.32	-34.40	-25.79
-3.70	-1.33	-16.27	-3.11	-6.37	-7.1	-3.44	4.795	0.795	-20.33	-35.27	-22.11	-25.37	-26.10	-22.44
-3.60	-0.37	-9.86	-0.29	-4.61	-1.59	-1.85	5.092	1.092	-19.37	-28.86	-19.29	-23.61	-20.59	-20.85
-3.50	-1.4	-11.79	-0.63	-4.42	-0.04	-2.42	5.398	1.398	-20.40	-30.79	-19.63	-23.42	-19.04	-21.42
-3.40	-2.22	-20.06	-2.05	-5.99	-0.91	-4.04	5.713	1.713	-21.22	-39.06	-21.05	-24.99	-19.91	-23.04
-3.30	-0.83	-26.44	-1.6	-6.5	-2.08	-4.88	6.037	2.037	-19.83	-45.44	-20.60	-25.50	-21.08	-23.88
-3.20	2.38	-14.69	1.44	-6.34	0.88	-2.99	6.371	2.371	-16.62	-33.69	-17.56	-25.34	-18.12	-21.99
-3.10	4.13	-8.21	4.23	-5.11	4.09	-2.34	6.716	2.716	-14.87	-27.21	-14.77	-24.11	-14.91	-21.34
-3.00	3.69	-5.09	4.2	-6.25	5.47	-3.49	7.072	3.072	-15.31	-24.09	-14.80	-25.25	-13.53	-22.49
-2.90	1.69	-5.5	1.04	-8.68	4.13	-10.05	7.440	3.440	-17.31	-24.50	-17.96	-27.68	-14.87	-29.05
-2.80	-0.36	-7.01	-4.42	-11.21	-0.73	-29.08	7.821	3.821	-19.36	-26.01	-23.42	-30.21	-19.73	-48.08
-2.70	1.65	-8.05	-2.54	-7.71	-5.27	-13.17	8.216	4.216	-17.35	-27.05	-21.54	-26.71	-24.27	-32.17
-2.60	4.55	-6.37	3.25	-4.07	-0.65	-4.16	8.626	4.626	-14.45	-25.37	-15.75	-23.07	-19.65	-23.16
-2.50	5.48	-5.57	7.18	-0.57	4.73	0.22	9.051	5.051	-13.52	-24.57	-11.82	-19.57	-14.27	-18.78
-2.40	2.77	-6.11	7.83	0.5	7.23	2.25	9.495	5.495	-16.23	-25.11	-11.17	-18.50	-11.77	-16.75
-2.30	-0.42	-4.81	5.83	-0.83	7.16	2.04	9.957	5.957	-19.42	-23.81	-13.17	-19.83	-11.84	-16.96
-2.20	2.17	-3.65	4.13	-1.5	5.49	1.26	10.439	6.439	-16.83	-22.65	-14.87	-20.50	-13.51	-17.74
-2.10	0.92	-5.62	3.13	-3.17	3.3	-0.89	10.945	6.945	-18.08	-24.62	-15.87	-22.17	-15.70	-19.89
-2.00	-13.56	-8.57	-2.44	-9.5	1.02	-9.24	11.474	7.474	-32.56	-27.57	-21.44	-28.50	-17.98	-28.24
-1.90	-0.61	-4.37	-0.59	-10.34	2.36	-11.79	12.031	8.031	-19.61	-23.37	-19.59	-29.34	-16.64	-30.79
-1.80	1.7	-2.71	4.42	-5.75	5.63	-8.55		8.618	-17.30	-21.71	-14.58	-24.75	-13.37	-27.55
-1.70	-9.92	-9.33	-2.5	-20.25	1.57	-11.37		9.239	-28.92	-28.33	-21.50	-39.25	-17.43	-30.37
-1.60	0.14	-8.29	-1.57	-2.73	-4.59	-0.73		9.897	-18.86	-27.29	-20.57	-21.73	-23.59	-19.73
-1.50	3.33	-2.18	5.68	2.53	4.54	2.89		10.598	-15.67	-21.18	-13.32	-16.47	-14.46	-16.11
-1.40	-6.4	-3.04	4.54	2.91	6.4	2.62			-25.40	-22.04	-14.46	-16.09	-12.60	-16.38
-1.30	1.7	-2.76	0.53	-1.56	5.38	0.8			-17.30	-21.76	-18.47	-20.56	-13.62	-18.20
-1.20	8.19	2.34	6.81	2.51	6.52	3.21			-10.81	-16.66	-12.19	-16.49	-12.48	-15.79
-1.10	8.49	4.28	8.94	5.01	8.41	3.76			-10.51	-14.72	-10.06	-13.99	-10.59	-15.24
-1.00	9.89	4	10.6	5.62	9.63	3.45			-9.11	-15.00	-8.40	-13.38	-9.37	-15.55
-0.90	12.74	5.8	13.36	5.3	12.71	5.07			-6.26	-13.20	-5.64	-13.70	-6.29	-13.93
-0.80	11.58	6.59	13.56	7.51	14.06	4.14			-7.42	-12.41	-5.44	-11.49	-4.94	-14.86
-0.70	0.39	3.51	7.58	6.64	10.79	-1.42			-18.61	-15.49	-11.42	-12.36	-8.21	-20.42
-0.60	15.19	-3.92	9.78	5.69	3.27	4.6			-3.81	-22.92	-9.22	-13.31	-15.73	-14.40
-0.50	20.83	1.65	15.37	5.85	1.54	8.43			1.83	-17.35	-3.63	-13.15	-17.46	-10.57
-0.40	24.35	10.46	20.74	15.27	18.43	17.89			5.35	-8.54	1.74	-3.73	-0.57	-1.11
-0.30	29.97	18.22	28.18	19.22	26.96	18.47			10.97	-0.78	9.18	0.22	7.96	-0.53
-0.20	34.85	23.75	34.48	24.17	33.93	24.11			15.85	4.75	15.48	5.17	14.93	5.11
-0.10	35.8	26.38	35.58	26.05	35.29	24.58			16.80	7.38	16.58	7.05	16.29	5.58
0.00	36.87	27.17	36.79	26.43	36.38	23.81			17.87	8.17	17.79	7.43	17.38	4.81
0.10	35.08	26.7	35.2	25.63	35.2	20.67			16.08	7.70	16.20	6.63	16.20	1.67
0.20	32.53	23.2	32.75	23.1	32.42	18.96			13.53	4.20	13.75	4.10	13.42	-0.04
0.30	28.02	16.59	28.67	22.41	29.03	20.87			9.02	-2.41	9.67	3.41	10.03	1.87

Table 5 Az Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(1)	FCC §25.218 (f)(1)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
0.40	21.76	16.55	23.48	20.66	24.32	18.86			2.76	-2.45	4.48	1.66	5.32	-0.14
0.50	16.77	15.46	17.31	17.33	17.83	14.15			-2.23	-3.54	-1.69	-1.67	-1.17	-4.85
0.60	10.12	11.01	9.74	9.62	10.19	-0.43			-8.88	-7.99	-9.26	-9.38	-8.81	-19.43
0.70	3.05	-1.44	6.16	1.79	7.7	4.8			-15.95	-20.44	-12.84	-17.21	-11.30	-14.20
0.80	12.42	6.13	11.4	6.93	9.54	4.16			-6.58	-12.87	-7.60	-12.07	-9.46	-14.84
0.90	11.6	6.89	9.95	4.87	6.1	-1.4			-7.40	-12.11	-9.05	-14.13	-12.90	-20.40
1.00	5.92	2.92	2.62	-2.14	-3.92	-1.27			-13.08	-16.08	-16.38	-21.14	-22.92	-20.27
1.10	1.54	-5.42	3.08	-5.03	6.06	-0.92			-17.46	-24.42	-15.92	-24.03	-12.94	-19.92
1.20	2.82	-7.05	5.68	-7.1	7.38	-0.63			-16.18	-26.05	-13.32	-26.10	-11.62	-19.63
1.30	3.03	-4.77	6.65	-3.08	7.72	-0.91			-15.97	-23.77	-12.35	-22.08	-11.28	-19.91
1.40	4.09	-3.75	5.47	-1.15	5.35	-3.28			-14.91	-22.75	-13.53	-20.15	-13.65	-22.28
1.50	2	-4.41	2.13	-2.69	0.25	-11.16		10.598	-17.00	-23.41	-16.87	-21.69	-18.75	-30.16
1.60	-2.99	-7.38	-4.07	-5.99	-9.96	-14.92		9.897	-21.99	-26.38	-23.07	-24.99	-28.96	-33.92
1.70	-1.65	-7.58	-3.77	-6.83	-18.47	-5.58		9.239	-20.65	-26.58	-22.77	-25.83	-37.47	-24.58
1.80	0.2	-4.43	0.25	-2.98	-3.91	-2.42		8.618	-18.80	-23.43	-18.75	-21.98	-22.91	-21.42
1.90	1.61	-2.35	1.12	-1.25	-0.48	-1.06	12.031	8.031	-17.39	-21.35	-17.88	-20.25	-19.48	-20.06
2.00	-0.18	-2.66	1.58	-1.26	2.82	0.36	11.474	7.474	-19.18	-21.66	-17.42	-20.26	-16.18	-18.64
2.10	-5.74	-5.07	2.75	-1.25	4.79	1.67	10.945	6.945	-24.74	-24.07	-16.25	-20.25	-14.21	-17.33
2.20	-5.74	-9.28	5.16	-0.33	5.76	1.45	10.439	6.439	-24.74	-28.28	-13.84	-19.33	-13.24	-17.55
2.30	-0.72	-8.6	4.78	-0.93	3.9	-0.63	9.957	5.957	-19.72	-27.60	-14.22	-19.93	-15.10	-19.63
2.40	-0.35	-7.89	2.83	-2.71	1.37	-2.46	9.495	5.495	-19.35	-26.89	-16.17	-21.71	-17.63	-21.46
2.50	-1.28	-8.26	1.01	-4.46	-0.08	-2.62	9.051	5.051	-20.28	-27.26	-17.99	-23.46	-19.08	-21.62
2.60	-1.02	-7.38	1.05	-4.4	-0.13	-3.85	8.626	4.626	-20.02	-26.38	-17.95	-23.40	-19.13	-22.85
2.70	1.26	-5.54	1.31	-3.51	0.6	-6.37	8.216	4.216	-17.74	-24.54	-17.69	-22.51	-18.40	-25.37
2.80	2.75	-4.58	1.18	-5.02	1.37	-10.62	7.821	3.821	-16.25	-23.58	-17.82	-24.02	-17.63	-29.62
2.90	2.81	-5.21	-0.12	-7.18	0.49	-10.64	7.440	3.440	-16.19	-24.21	-19.12	-26.18	-18.51	-29.64
3.00	1.46	-6.98	-1.99	-8.64	-1.89	-10.36	7.072	3.072	-17.54	-25.98	-20.99	-27.64	-20.89	-29.36
3.10	-1.6	-11.04	-5.69	-11.7	-5.16	-10.14	6.716	2.716	-20.60	-30.04	-24.69	-30.70	-24.16	-29.14
3.20	-5.62	-15.8	-8.3	-11.54	-7.41	-9.02	6.371	2.371	-24.62	-34.80	-27.30	-30.54	-26.41	-28.02
3.30	-7.34	-17.22	-8.48	-10.55	-7.1	-8.4	6.037	2.037	-26.34	-36.22	-27.48	-29.55	-26.10	-27.40
3.40	-7.07	-12.41	-8.5	-9.45	-7.19	-9.79	5.713	1.713	-26.07	-31.41	-27.50	-28.45	-26.19	-28.79
3.50	-6.56	-9.74	-8.76	-9.13	-10.26	-12.05	5.398	1.398	-25.56	-28.74	-27.76	-28.13	-29.26	-31.05
3.60	-8.14	-9.24	-13.26	-10.18	-13.61	-14.37	5.092	1.092	-27.14	-28.24	-32.26	-29.18	-32.61	-33.37
3.70	-10.45	-10.18	-10.57	-11.95	-9.83	-12.64	4.795	0.795	-29.45	-29.18	-29.57	-30.95	-28.83	-31.64
3.80	-9.72	-13	-9.41	-11.55	-9.46	-9.76	4.505	0.505	-28.72	-32.00	-28.41	-30.55	-28.46	-28.76
3.90	-9.84	-12.85	-10.66	-10.37	-11.91	-8.6	4.223	0.223	-28.84	-31.85	-29.66	-29.37	-30.91	-27.60
4.00	-14.17	-12.47	-16.31	-9.98	-16.39	-8.54	3.949	-0.051	-33.17	-31.47	-35.31	-28.98	-35.39	-27.54
4.10	-28.12	-11.8	-23.39	-9.49	-21.04	-11.08	3.680	-0.320	-47.12	-30.80	-42.39	-28.49	-40.04	-30.08
4.20	-27.07	-11.06	-22.46	-11.07	-20.8	-13.77	3.419	-0.581	-46.07	-30.06	-41.46	-30.07	-39.80	-32.77
4.30	-28.1	-13.19	-12.62	-14.54	-13.75	-15.26	3.163	-0.837	-47.10	-32.19	-31.62	-33.54	-32.75	-34.26
4.40	-13.57	-17.9	-9.84	-14.79	-14.67	-15.88	2.914	-1.086	-32.57	-36.90	-28.84	-33.79	-33.67	-34.88
4.50	-10.04	-20.93	-11.91	-15.25	-20.79	-15.31	2.670	-1.330	-29.04	-39.93	-30.91	-34.25	-39.79	-34.31
4.60	-11.12	-21.21	-17.08	-17.02	-18.61	-13.24	2.431	-1.569	-30.12	-40.21	-36.08	-36.02	-37.61	-32.24
4.70	-16.06	-19.21	-20.55	-13.33	-13.9	-11.23	2.198	-1.802	-35.06	-38.21	-39.55	-32.33	-32.90	-30.23
4.80	-22.93	-15.66	-13.67	-11.23	-9.12	-8.48	1.969	-2.031	-41.93	-34.66	-32.67	-30.23	-28.12	-27.48
4.90	-13.92	-13.29	-8.33	-8.62	-5.71	-7.65	1.745	-2.255	-32.92	-32.29	-27.33	-27.62	-24.71	-26.65
5.00	-9.08	-10.92	-6.23	-7.58	-5.46	-7.76	1.526	-2.474	-28.08	-29.92	-25.23	-26.58	-24.46	-26.76
5.10	-6.59	-8.33	-6.44	-7.09	-7.11	-9.88	1.311	-2.689	-25.59	-27.33	-25.44	-26.09	-26.11	-28.88
5.20	-6.24	-7.66	-7.8	-8.2	-7.36	-11.64	1.100	-2.900	-25.24	-26.66	-26.80	-27.20	-26.36	-30.64
5.30	-6.12	-7.56	-7.01	-9.24	-8.25	-12.11	0.893	-3.107	-25.12	-26.56	-26.01	-28.24	-27.25	-31.11
5.40	-6.09	-8.49	-5.23	-9.51	-6.65	-11.21	0.690	-3.310	-25.09	-27.49	-24.23	-28.51	-25.65	-30.21
5.50	-4.93	-9.58	-3.94	-10.1	-5.93	-10.46	0.491	-3.509	-23.93	-28.58	-22.94	-29.10	-24.93	-29.46

Table 5 Az Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(1)	FCC §25.218 (f)(1)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
5.60	-4.18	-9.82	-3.42	-10.03	-6.76	-12.59	0.295	-3.705	-23.18	-28.82	-22.42	-29.03	-25.76	-31.59
5.70	-3.44	-9.54	-4.68	-10.03	-8.91	-17.36	0.103	-3.897	-22.44	-28.54	-23.68	-29.03	-27.91	-36.36
5.80	-4.03	-9.94	-7.16	-10.47	-10.6	-17.91	-0.086	-4.086	-23.03	-28.94	-26.16	-29.47	-29.60	-36.91
5.90	-5.98	-10.52	-9.1	-10.1	-8.61	-16.55	-0.271	-4.271	-24.98	-29.52	-28.10	-29.10	-27.61	-35.55
6.00	-8.07	-12.36	-8.25	-10.52	-8.11	-15	-0.454	-4.454	-27.07	-31.36	-27.25	-29.52	-27.11	-34.00
6.10	-9.21	-13.31	-7.65	-10.47	-8.93	-12.5	-0.633	-4.633	-28.21	-32.31	-26.65	-29.47	-27.93	-31.50
6.20	-8.59	-13.03	-8.36	-9.94	-12.2	-12.45	-0.810	-4.810	-27.59	-32.03	-27.36	-28.94	-31.20	-31.45
6.30	-8.97	-11.16	-12.03	-10.85	-10.65	-16.01	-0.984	-4.984	-27.97	-30.16	-31.03	-29.85	-29.65	-35.01
6.40	-10.11	-11.36	-13.98	-12.72	-9.03	-22.5	-1.154	-5.154	-29.11	-30.36	-32.98	-31.72	-28.03	-41.50
6.50	-11.08	-12.26	-11.6	-15.27	-8.18	-23.19	-1.323	-5.323	-30.08	-31.26	-30.60	-34.27	-27.18	-42.19
6.60	-10.09	-16.91	-10.07	-17.64	-8.52	-21.68	-1.489	-5.489	-29.09	-35.91	-29.07	-36.64	-27.52	-40.68
6.70	-9.95	-21.99	-10.35	-19.04	-10.37	-17.79	-1.652	-5.652	-28.95	-40.99	-29.35	-38.04	-29.37	-36.79
6.80	-9.64	-23.17	-10.48	-18	-9.93	-16.8	-1.813	-5.813	-28.64	-42.17	-29.48	-37.00	-28.93	-35.80
6.90	-8.37	-21.62	-10.14	-15.79	-10	-15.53	-1.971	-5.971	-27.37	-40.62	-29.14	-34.79	-29.00	-34.53
7.00	-7.46	-17.34	-9.65	-15.31	-11.42	-15.06	-2.127	-6.127	-26.46	-36.34	-28.65	-34.31	-30.42	-34.06
7.10	-7.59	-17.74	-9.97	-14.83	-12.87	-13.3	-2.000	-6.000	-26.59	-36.74	-28.97	-33.83	-31.87	-32.30
7.20	-8.5	-20.66	-11.18	-15.45	-15.39	-14.7	-2.000	-6.000	-27.50	-39.66	-30.18	-34.45	-34.39	-33.70
7.30	-11.28	-23.35	-12.27	-15.49	-18.92	-15.55	-2.000	-6.000	-30.28	-42.35	-31.27	-34.49	-37.92	-34.55
7.40	-12.98	-22.95	-12.46	-14.17	-23.44	-15.32	-2.000	-6.000	-31.98	-41.95	-31.46	-33.17	-42.44	-34.32
7.50	-12.9	-25.31	-12.41	-17.66	-23.14	-15.51	-2.000	-6.000	-31.90	-44.31	-31.41	-36.66	-42.14	-34.51
7.60	-12.84	-23.54	-12.14	-15.39	-22.42	-16.47	-2.000	-6.000	-31.84	-42.54	-31.14	-34.39	-41.42	-35.47
7.70	-12.88	-22.46	-11.79	-13.63	-25.99	-15.89	-2.000	-6.000	-31.88	-41.46	-30.79	-32.63	-44.99	-34.89
7.80	-13.34	-19.38	-13.54	-15.55	-27.13	-16.57	-2.000	-6.000	-32.34	-38.38	-32.54	-34.55	-46.13	-35.57
7.90	-14.6	-17.87	-15.25	-15.08	-43.59	-16.23	-2.000	-6.000	-33.60	-36.87	-34.25	-34.08	-62.59	-35.23
8.00	-15.81	-18.3	-17.81	-14.3	-37.59	-17.45	-2.000	-6.000	-34.81	-37.30	-36.81	-33.30	-56.59	-36.45
8.10	-16.46	-18.71	-15.94	-15.46	-25.68	-19.79	-2.000	-6.000	-35.46	-37.71	-34.94	-34.46	-44.68	-38.79
8.20	-15.23	-19.26	-15.3	-15.8	-15.76	-17.02	-2.000	-6.000	-34.23	-38.26	-34.30	-34.80	-34.76	-36.02
8.30	-13.33	-17.97	-15.41	-14.27	-14.13	-18.06	-2.000	-6.000	-32.33	-36.97	-34.41	-33.27	-33.13	-37.06
8.40	-13.44	-16.98	-18.56	-16.48	-12.97	-19.12	-2.000	-6.000	-32.44	-35.98	-37.56	-35.48	-31.97	-38.12
8.50	-16.2	-16.09	-17.9	-16.96	-12.18	-17.77	-2.000	-6.000	-35.20	-35.09	-36.90	-35.96	-31.18	-36.77
8.60	-18.71	-17.2	-13.96	-22.55	-11.64	-17.96	-2.000	-6.000	-37.71	-36.20	-32.96	-41.55	-30.64	-36.96
8.70	-17.81	-20.84	-13.23	-24.67	-10.59	-18.57	-2.000	-6.000	-36.81	-39.84	-32.23	-43.67	-29.59	-37.57
8.80	-13.77	-27.05	-13.55	-26.32	-9.83	-16.25	-2.000	-6.000	-32.77	-46.05	-32.55	-45.32	-28.83	-35.25
8.90	-13.28	-33.02	-13.09	-22.88	-9.44	-16.58	-2.000	-6.000	-32.28	-52.02	-32.09	-41.88	-28.44	-35.58
9.00	-12.96	-27.55	-11.22	-21.94	-8.91	-16.67	-2.000	-6.000	-31.96	-46.55	-30.22	-40.94	-27.91	-35.67
9.10	-11.46	-25.72	-9.02	-22.89	-8.91	-14.99	-2.000	-6.000	-30.46	-44.72	-28.02	-41.89	-27.91	-33.99
9.20	-10.19	-22.99	-7.19	-21.25	-8.64	-17.12	-2.000	-6.000	-29.19	-41.99	-26.19	-40.25	-27.64	-36.12
9.30	-8.42	-23.55	-7.01	-24.81	-9.52	-17.86		-6.212	-27.42	-42.55	-26.01	-43.81	-28.52	-36.86
9.40	-7.55	-22.29	-7.98	-29.69	-11.53	-19.11		-6.328	-26.55	-41.29	-26.98	-48.69	-30.53	-38.11
9.50	-7.3	-21.7	-8.85	-37.54	-12.18	-18.78		-6.443	-26.30	-40.70	-27.85	-56.54	-31.18	-37.78
9.60	-8.54	-21.88	-10.32	-27.54	-11.67	-24.58		-6.557	-27.54	-40.88	-29.32	-46.54	-30.67	-43.58
9.70	-8.67	-27	-9.4	-22.68	-11.96	-19.22		-6.669	-27.67	-46.00	-28.40	-41.68	-30.96	-38.22
9.80	-9.19	-28.76	-10.73	-19.81	-15.05	-18.76		-6.781	-28.19	-47.76	-29.73	-38.81	-34.05	-37.76
9.90	-10.19	-37.62	-12.29	-14.69	-16.58	-17.48		-6.891	-29.19	-56.62	-31.29	-33.69	-35.58	-36.48
10.00	-11.31	-30.82	-14.89	-14.83	-15.31	-20.62		-7.000	-30.31	-49.82	-33.89	-33.83	-34.31	-39.62

Table 6 El Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(2)	FCC §25.218 (f)(2)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
-10.00	-15.32	-29.18	-14.6	-15.39	-25.97	-14.46		-7.000	-34.32	-48.18	-33.60	-34.39	-44.97	-33.46
-9.90	-14.44	-41.09	-15.96	-17.72	-18.96	-15.73		-6.891	-33.44	-60.09	-34.96	-36.72	-37.96	-34.73
-9.80	-13.26	-27.89	-16.48	-19.31	-18.5	-16.11		-6.781	-32.26	-46.89	-35.48	-38.31	-37.50	-35.11
-9.70	-11.27	-21.36	-13.56	-25.45	-22.43	-20.86		-6.669	-30.27	-40.36	-32.56	-44.45	-41.43	-39.86
-9.60	-12.83	-18.74	-12.3	-18.15	-22.35	-27.89		-6.557	-31.83	-37.74	-31.30	-37.15	-41.35	-46.89
-9.50	-16.5	-23.8	-13.67	-16.61	-18.03	-29.25		-6.443	-35.50	-42.80	-32.67	-35.61	-37.03	-48.25
-9.40	-22.56	-24.81	-16.73	-16.16	-12.9	-27.7		-6.328	-41.56	-43.81	-35.73	-35.16	-31.90	-46.70
-9.30	-26.75	-23.09	-19.46	-18.16	-13.09	-28.06		-6.212	-45.75	-42.09	-38.46	-37.16	-32.09	-47.06
-9.20	-24.74	-30.16	-19.33	-20.54	-14.19	-21.78	-2.000	-6.095	-43.74	-49.16	-38.33	-39.54	-33.19	-40.78
-9.10	-22.43	-34.1	-19.95	-19.86	-16.92	-29.95	-2.000	-5.976	-41.43	-53.10	-38.95	-38.86	-35.92	-48.95
-9.00	-23.86	-26.63	-18.65	-19.86	-17.57	-23.94	-2.000	-5.856	-42.86	-45.63	-37.65	-38.86	-36.57	-42.94
-8.90	-22.22	-32.52	-19.46	-17.66	-15.56	-19.6	-2.000	-5.735	-41.22	-51.52	-38.46	-36.66	-34.56	-38.60
-8.80	-17.17	-32.56	-45.66	-18.68	-14.07	-21.44	-2.000	-5.612	-36.17	-51.56	-64.66	-37.68	-33.07	-40.44
-8.70	-17.07	-23.43	-29.4	-22.82	-14.9	-21.65	-2.000	-5.488	-36.07	-42.43	-48.40	-41.82	-33.90	-40.65
-8.60	-17.62	-19.08	-24.45	-21.11	-17.76	-19.85	-2.000	-5.362	-36.62	-38.08	-43.45	-40.11	-36.76	-38.85
-8.50	-22.26	-19.76	-22.36	-19.06	-28.76	-22.01	-2.000	-5.235	-41.26	-38.76	-41.36	-38.06	-47.76	-41.01
-8.40	-26.78	-25.53	-21.26	-17.1	-28.35	-22.3	-2.000	-5.107	-45.78	-44.53	-40.26	-36.10	-47.35	-41.30
-8.30	-19.02	-30.96	-18.16	-20.61	-25.47	-24.57	-2.000	-4.977	-38.02	-49.96	-37.16	-39.61	-44.47	-43.57
-8.20	-16.07	-28.3	-15.7	-24.26	-23.32	-18.08	-2.000	-4.845	-35.07	-47.30	-34.70	-43.26	-42.32	-37.08
-8.10	-14.53	-22.85	-13.13	-19.75	-27.77	-18.34	-2.000	-4.712	-33.53	-41.85	-32.13	-38.75	-46.77	-37.34
-8.00	-15.51	-22.9	-12.05	-15.31	-23.9	-23.57	-2.000	-4.577	-34.51	-41.90	-31.05	-34.31	-42.90	-42.57
-7.90	-18.44	-29.66	-13.71	-17.11	-20.45	-19.38	-2.000	-4.441	-37.44	-48.66	-32.71	-36.11	-39.45	-38.38
-7.80	-21.45	-33.87	-21.91	-21.4	-14.76	-19.17	-2.000	-4.302	-40.45	-52.87	-40.91	-40.40	-33.76	-38.17
-7.70	-25.09	-27.05	-20.57	-24.91	-14.48	-21.1	-2.000	-4.162	-44.09	-46.05	-39.57	-43.91	-33.48	-40.10
-7.60	-20.27	-23.11	-18.88	-27.21	-16.55	-23.8	-2.000	-4.020	-39.27	-42.11	-37.88	-46.21	-35.55	-42.80
-7.50	-16.73	-22.06	-17.58	-27.01	-18.73	-22.82	-2.000	-3.877	-35.73	-41.06	-36.58	-46.01	-37.73	-41.82
-7.40	-15.35	-21.33	-14.73	-25.04	-15.09	-19.83	-2.000	-3.731	-34.35	-40.33	-33.73	-44.04	-34.09	-38.83
-7.30	-17.99	-16.6	-16.1	-22.4	-12.66	-17.86	-2.000	-3.583	-36.99	-35.60	-35.10	-41.40	-31.66	-36.86
-7.20	-17.66	-17.2	-15.74	-17.31	-9.61	-18.62	-2.000	-3.433	-36.66	-36.20	-34.74	-36.31	-28.61	-37.62
-7.10	-16.44	-14.23	-12.63	-14.79	-10.43	-16.75	-2.000	-3.281	-35.44	-33.23	-31.63	-33.79	-29.43	-35.75
-7.00	-18.16	-14.76	-12.89	-13.31	-9.75	-14.68	-2.127	-3.127	-37.16	-33.76	-31.89	-32.31	-28.75	-33.68
-6.90	-19.76	-14.78	-14.68	-13.51	-10.05	-14.25	-1.971	-2.971	-38.76	-33.78	-33.68	-32.51	-29.05	-33.25
-6.80	-19.1	-16.66	-20.23	-13.17	-10.6	-11.3	-1.813	-2.813	-38.10	-35.66	-39.23	-32.17	-29.60	-30.30
-6.70	-15.19	-17.24	-20.53	-16.86	-13.77	-12.4	-1.652	-2.652	-34.19	-36.24	-39.53	-35.86	-32.77	-31.40
-6.60	-12.47	-17.59	-16.64	-16.2	-15.41	-13.01	-1.489	-2.489	-31.47	-36.59	-35.64	-35.20	-34.41	-32.01
-6.50	-11.77	-16.59	-13.43	-15.16	-15.68	-13.44	-1.323	-2.323	-30.77	-35.59	-32.43	-34.16	-34.68	-32.44
-6.40	-13.42	-18.03	-11.98	-13.21	-13.43	-14.49	-1.154	-2.154	-32.42	-37.03	-30.98	-32.21	-32.43	-33.49
-6.30	-12.84	-16.75	-15.81	-14.85	-12.33	-13.53	-0.984	-1.984	-31.84	-35.75	-34.81	-33.85	-31.33	-32.53
-6.20	-11.27	-16.38	-16.56	-17.66	-18.59	-13.42	-0.810	-1.810	-30.27	-35.38	-35.56	-36.66	-37.59	-32.42
-6.10	-11.43	-19.02	-16.34	-18.21	-18.35	-14.61	-0.633	-1.633	-30.43	-38.02	-35.34	-37.21	-37.35	-33.61
-6.00	-13.04	-22.82	-17.57	-18.93	-21.17	-17.57	-0.454	-1.454	-32.04	-41.82	-36.57	-37.93	-40.17	-36.57
-5.90	-13.07	-17.96	-16.54	-23.69	-22.02	-15.81	-0.271	-1.271	-32.07	-36.96	-35.54	-42.69	-41.02	-34.81
-5.80	-11.39	-14.57	-20.24	-38.09	-32.27	-19.54	-0.086	-1.086	-30.39	-33.57	-39.24	-57.09	-51.27	-38.54
-5.70	-7.85	-12.68	-15.77	-26.82	-25.2	-25.81	0.103	-0.897	-26.85	-31.68	-34.77	-45.82	-44.20	-44.81
-5.60	-6.82	-11.68	-10.62	-18.09	-13.92	-24.31	0.295	-0.705	-25.82	-30.68	-29.62	-37.09	-32.92	-43.31
-5.50	-8.78	-10.96	-8.66	-13.24	-10.48	-15.59	0.491	-0.509	-27.78	-29.96	-27.66	-32.24	-29.48	-34.59
-5.40	-11.34	-11.76	-8.87	-12.72	-9.49	-15.43	0.690	-0.310	-30.34	-30.76	-27.87	-31.72	-28.49	-34.43
-5.30	-11.87	-12.13	-11.13	-13.47	-10.73	-13.84	0.893	-0.107	-30.87	-31.13	-30.13	-32.47	-29.73	-32.84
-5.20	-9.69	-10.41	-10.56	-12.04	-11.76	-13.66	1.100	0.100	-28.69	-29.41	-29.56	-31.04	-30.76	-32.66
-5.10	-8.53	-10.94	-9.01	-12.65	-12.47	-13.12	1.311	0.311	-27.53	-29.94	-28.01	-31.65	-31.47	-32.12
-5.00	-8.5	-10.44	-8.37	-11.57	-10.85	-12.68	1.526	0.526	-27.50	-29.44	-27.37	-30.57	-29.85	-31.68
-4.90	-11.55	-12.67	-8.68	-11.51	-9.52	-11.92	1.745	0.745	-30.55	-31.67	-27.68	-30.51	-28.52	-30.92

Table 6 El Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(2)	FCC §25.218 (f)(2)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
-4.80	-13.52	-17.04	-11.98	-16.52	-11.15	-12.89	1.969	0.969	-32.52	-36.04	-30.98	-35.52	-30.15	-31.89
-4.70	-12.36	-22.32	-13.91	-18.07	-16.78	-12.82	2.198	1.198	-31.36	-41.32	-32.91	-37.07	-35.78	-31.82
-4.60	-16.46	-17.3	-17.74	-17.24	-23.88	-11.55	2.431	1.431	-35.46	-36.30	-36.74	-36.24	-42.88	-30.55
-4.50	-15.19	-13.33	-34.78	-13.99	-19.79	-12.03	2.670	1.670	-34.19	-32.33	-53.78	-32.99	-38.79	-31.03
-4.40	-14.58	-13.6	-23.5	-12.92	-14.96	-11.1	2.914	1.914	-33.58	-32.60	-42.50	-31.92	-33.96	-30.10
-4.30	-14.35	-14.77	-25.1	-14.28	-10.78	-14.47	3.163	2.163	-33.35	-33.77	-44.10	-33.28	-29.78	-33.47
-4.20	-11.06	-13.87	-16.18	-15.27	-12.47	-16.13	3.419	2.419	-30.06	-32.87	-35.18	-34.27	-31.47	-35.13
-4.10	-10.18	-14.07	-11.4	-14.45	-18.45	-18.85	3.680	2.680	-29.18	-33.07	-30.40	-33.45	-37.45	-37.85
-4.00	-12.45	-13.7	-13.39	-15.75	-15.27	-22.72	3.949	2.949	-31.45	-32.70	-32.39	-34.75	-34.27	-41.72
-3.90	-13.49	-14.37	-17.07	-20.41	-14.86	-25.28	4.223	3.223	-32.49	-33.37	-36.07	-39.41	-33.86	-44.28
-3.80	-12.38	-14.93	-12.09	-19.14	-10.38	-18.45	4.505	3.505	-31.38	-33.93	-31.09	-38.14	-29.38	-37.45
-3.70	-23.66	-15.98	-13.2	-23.18	-6.92	-15.94	4.795	3.795	-42.66	-34.98	-32.20	-42.18	-25.92	-34.94
-3.60	-15.78	-14.81	-18.79	-24.17	-12.52	-17.73	5.092	4.092	-34.78	-33.81	-37.79	-43.17	-31.52	-36.73
-3.50	-11.09	-11.84	-10.3	-15.92	-16.17	-16.69	5.398	4.398	-30.09	-30.84	-29.30	-34.92	-35.17	-35.69
-3.40	-12.71	-11.37	-10.03	-13.41	-7.29	-16.58	5.713	4.713	-31.71	-30.37	-29.03	-32.41	-26.29	-35.58
-3.30	-10.07	-12.68	-14.85	-12.95	-6.94	-13.93	6.037	5.037	-29.07	-31.68	-33.85	-31.95	-25.94	-32.93
-3.20	-5.77	-12.45	-10.31	-14.57	-11.36	-13.32	6.371	5.371	-24.77	-31.45	-29.31	-33.57	-30.36	-32.32
-3.10	-1.43	-9.52	-3.47	-11.75	-12.86	-14.46	6.716	5.716	-20.43	-28.52	-22.47	-30.75	-31.86	-33.46
-3.00	0.79	-7.58	0.65	-8.73	-4.81	-14.18		6.072	-18.21	-26.58	-18.35	-27.73	-23.81	-33.18
-2.90	0.93	-6.61	2.64	-5.27	0.18	-12.18			-18.07	-25.61	-16.36	-24.27	-18.82	-31.18
-2.80	-1.89	-7.35	1.85	-3.96	2.53	-8.97			-20.89	-26.35	-17.15	-22.96	-16.47	-27.97
-2.70	-7.34	-7.78	-0.27	-4.54	3.03	-6.88			-26.34	-26.78	-19.27	-23.54	-15.97	-25.88
-2.60	-15.96	-7.59	-3.39	-4.88	1.9	-5.29			-34.96	-26.59	-22.39	-23.88	-17.10	-24.29
-2.50	-15.94	-9.51	-5.14	-5.96	1.24	-3.98			-34.94	-28.51	-24.14	-24.96	-17.76	-22.98
-2.40	-5.57	-4.51	-8.07	-9.84	1.35	-2.49			-24.57	-23.51	-27.07	-28.84	-17.65	-21.49
-2.30	-1.49	-1.09	-9.06	-11.96	0.89	-2.94			-20.49	-20.09	-28.06	-30.96	-18.11	-21.94
-2.20	-0.93	0.05	-8.89	-5.73	-0.81	-2.52			-19.93	-18.95	-27.89	-24.73	-19.81	-21.52
-2.10	-3.19	-1.36	-4.21	-1.34	-1.78	-0.11			-22.19	-20.36	-23.21	-20.34	-20.78	-19.11
-2.00	-3.91	-3.97	0.32	0.89	0.45	1.91			-22.91	-22.97	-18.68	-18.11	-18.55	-17.09
-1.90	-3.87	-6.62	1.6	1.86	1.72	2.65			-22.87	-25.62	-17.40	-17.14	-17.28	-16.35
-1.80	-4.34	-6.93	0.46	1.62	1.11	3.07			-23.34	-25.93	-18.54	-17.38	-17.89	-15.93
-1.70	-6.37	-6.93	-2.58	0.2	-0.61	2.64			-25.37	-25.93	-21.58	-18.80	-19.61	-16.36
-1.60	-4.47	-6.79	-5.24	-1.73	-2.05	2.63			-23.47	-25.79	-24.24	-20.73	-21.05	-16.37
-1.50	3.6	-5.08	2.18	-1.77	2.8	1.48			-15.40	-24.08	-16.82	-20.77	-16.20	-17.52
-1.40	6.14	-2.74	5.98	0.06	5.83	-0.17			-12.86	-21.74	-13.02	-18.94	-13.17	-19.17
-1.30	0.63	-1.64	4.02	-0.63	4.27	-4.98			-18.37	-20.64	-14.98	-19.63	-14.73	-23.98
-1.20	-2.83	-9.7	1.64	-5.7	3.99	-6.77			-21.83	-28.70	-17.36	-24.70	-15.01	-25.77
-1.10	4.07	-5.25	4.4	-3.39	6.16	-2.63			-14.93	-24.25	-14.60	-22.39	-12.84	-21.63
-1.00	-1.69	0.65	0.55	0.21	3.99	-0.66			-20.69	-18.35	-18.45	-18.79	-15.01	-19.66
-0.90	-1.38	1.62	-1.19	0.61	3.62	-0.75			-20.38	-17.38	-20.19	-18.39	-15.38	-19.75
-0.80	3.68	-0.69	3.5	-0.22	4.95	-0.89			-15.32	-19.69	-15.50	-19.22	-14.05	-19.89
-0.70	-1.28	-3	-0.12	-2.71	4.08	-5.09			-20.28	-22.00	-19.12	-21.71	-14.92	-24.09
-0.60	9.8	-0.18	7.17	-12.1	11.7	-5.68			-9.20	-19.18	-11.83	-31.10	-7.30	-24.68
-0.50	3.27	6.64	3.4	-3.77	11.95	0.32			-15.73	-12.36	-15.60	-22.77	-7.05	-18.68
-0.40	20.53	13.15	22	7.81	22.46	11.88			1.53	-5.85	3.00	-11.19	3.46	-7.12
-0.30	28.96	18.2	29.86	18.11	30.03	19.05			9.96	-0.80	10.86	-0.89	11.03	0.05
-0.20	34.07	23.41	34.07	22.38	34.07	22.36			15.07	4.41	15.07	3.38	15.07	3.36
-0.10	36.49	25.14	36.48	25.41	36.22	23.47			17.49	6.14	17.48	6.41	17.22	4.47
0.00	36.78	27.02	36.44	26.61	36.13	23.72			17.78	8.02	17.44	7.61	17.13	4.72
0.10	35.92	26.78	35.25	26.46	34.41	22.62			16.92	7.78	16.25	7.46	15.41	3.62
0.20	32.61	25.15	31.32	24.99	29.75	20.13			13.61	6.15	12.32	5.99	10.75	1.13
0.30	26.36	22.09	23.54	22.03	20.62	16.84			7.36	3.09	4.54	3.03	1.62	-2.16

Table 6 El Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(2)	FCC §25.218 (f)(2)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
0.40	14.51	13.87	13.88	16.47	12.08	10.8			-4.49	-5.13	-5.12	-2.53	-6.92	-8.20
0.50	11.16	6.68	15.53	10.93	14.24	6.03			-7.84	-12.32	-3.47	-8.07	-4.76	-12.97
0.60	9.66	4.49	9.45	3.91	4.04	-0.96			-9.34	-14.51	-9.55	-15.09	-14.96	-19.96
0.70	4.13	-0.7	6.01	-2.7	7.53	-4.75			-14.87	-19.70	-12.99	-21.70	-11.47	-23.75
0.80	7.96	-6.93	9.01	-3.75	7.85	-7.53			-11.04	-25.93	-9.99	-22.75	-11.15	-26.53
0.90	4.76	-3.06	5.11	1.3	4.9	-6.77			-14.24	-22.06	-13.89	-17.70	-14.10	-25.77
1.00	-3.04	1.66	1.17	5.02	4.47	-0.49			-22.04	-17.34	-17.83	-13.98	-14.53	-19.49
1.10	-11.19	1.31	1.64	4.1	2.44	1.53			-30.19	-17.69	-17.36	-14.90	-16.56	-17.47
1.20	-2.69	0.69	2.04	2.06	1.49	0.39			-21.69	-18.31	-16.96	-16.94	-17.51	-18.61
1.30	2.91	-0.3	3.66	-1.43	3.28	-4.18			-16.09	-19.30	-15.34	-20.43	-15.72	-23.18
1.40	4.85	-1.81	3.94	-4.19	3.12	-10.37			-14.15	-20.81	-15.06	-23.19	-15.88	-29.37
1.50	3.1	-3.49	0.46	-5.81	-1.18	-14.58			-15.90	-22.49	-18.54	-24.81	-20.18	-33.58
1.60	-2.59	-4.56	-3.85	-4.48	-4.67	-9.21			-21.59	-23.56	-22.85	-23.48	-23.67	-28.21
1.70	-8.91	-4.81	-2.81	-2.68	-3.66	-4.08			-27.91	-23.81	-21.81	-21.68	-22.66	-23.08
1.80	-1.94	-6.36	0.37	-3.73	-4.09	-3.5			-20.94	-25.36	-18.63	-22.73	-23.09	-22.50
1.90	-1.73	-11.35	0.57	-11.88	-3.08	-10.12			-20.73	-30.35	-18.43	-30.88	-22.08	-29.12
2.00	-1.34	-7.5	0.08	-25.88	-3.74	-13.4			-20.34	-26.50	-18.92	-44.88	-22.74	-32.40
2.10	-0.31	-0.43	-0.64	-5.43	-9.31	-5.22			-19.31	-19.43	-19.64	-24.43	-28.31	-24.22
2.20	1.64	0.95	0.09	-5.14	-6.92	-5.98			-17.36	-18.05	-18.91	-24.14	-25.92	-24.98
2.30	2.58	1.74	0.82	-4.07	-3.97	-6.93			-16.42	-17.26	-18.18	-23.07	-22.97	-25.93
2.40	1.45	-0.35	-0.54	-10.99	-4.12	-6.18			-17.55	-19.35	-19.54	-29.99	-23.12	-25.18
2.50	-2.06	-3.31	-3.64	-16.37	-3.6	-6.09			-21.06	-22.31	-22.64	-35.37	-22.60	-25.09
2.60	-7.31	-6.05	-5.14	-7.6	-0.38	-11.8			-26.31	-25.05	-24.14	-26.60	-19.38	-30.80
2.70	-8.38	-10.44	-1.89	-4.86	2.47	-12.47			-27.38	-29.44	-20.89	-23.86	-16.53	-31.47
2.80	-2.18	-15.53	1.78	-3.24	3.06	-9.09			-21.18	-34.53	-17.22	-22.24	-15.94	-28.09
2.90	0.8	-11.92	2.61	-1.66	1.68	-9.43			-18.20	-30.92	-16.39	-20.66	-17.32	-28.43
3.00	1.11	-5.15	1.21	-1.66	-1.34	-10.51		6.072	-17.89	-24.15	-17.79	-20.66	-20.34	-29.51
3.10	0.21	-2.75	0.07	-2.09	-2.87	-10.46	6.716	5.716	-18.79	-21.75	-18.93	-21.09	-21.87	-29.46
3.20	-1.82	-3.23	-1.56	-4.08	-5.19	-14.54	6.371	5.371	-20.82	-22.23	-20.56	-23.08	-24.19	-33.54
3.30	-2.62	-5.44	-2.84	-9.33	-7.25	-26.64	6.037	5.037	-21.62	-24.44	-21.84	-28.33	-26.25	-45.64
3.40	-3.02	-8.68	-5.03	-16.53	-6.87	-12.98	5.713	4.713	-22.02	-27.68	-24.03	-35.53	-25.87	-31.98
3.50	-2.52	-10.09	-6.57	-16.62	-7.27	-11.64	5.398	4.398	-21.52	-29.09	-25.57	-35.62	-26.27	-30.64
3.60	-4.56	-9.28	-9.01	-13.05	-12.27	-10.88	5.092	4.092	-23.56	-28.28	-28.01	-32.05	-31.27	-29.88
3.70	-8.42	-6.3	-11.83	-8.44	-14.33	-12.2	4.795	3.795	-27.42	-25.30	-30.83	-27.44	-33.33	-31.20
3.80	-14.14	-4.76	-13.13	-7.15	-13.21	-10.8	4.505	3.505	-33.14	-23.76	-32.13	-26.15	-32.21	-29.80
3.90	-12.57	-4.2	-12.97	-6.16	-14.59	-8.17	4.223	3.223	-31.57	-23.20	-31.97	-25.16	-33.59	-27.17
4.00	-10.32	-4.43	-11.32	-7.77	-13.36	-8.12	3.949	2.949	-29.32	-23.43	-30.32	-26.77	-32.36	-27.12
4.10	-9.96	-5.5	-10.97	-10.37	-15.94	-9.61	3.680	2.680	-28.96	-24.50	-29.97	-29.37	-34.94	-28.61
4.20	-9.58	-7.5	-11.15	-11.38	-18.06	-15.05	3.419	2.419	-28.58	-26.50	-30.15	-30.38	-37.06	-34.05
4.30	-11.38	-11.5	-14.89	-13.95	-11.17	-20.69	3.163	2.163	-30.38	-30.50	-33.89	-32.95	-30.17	-39.69
4.40	-13.73	-10.06	-11.6	-10.31	-8.65	-13.74	2.914	1.914	-32.73	-29.06	-30.60	-29.31	-27.65	-32.74
4.50	-11.32	-6.38	-8.92	-6.23	-6.78	-8.76	2.670	1.670	-30.32	-25.38	-27.92	-25.23	-25.78	-27.76
4.60	-8.96	-4.08	-8.62	-4.55	-6.03	-7.65	2.431	1.431	-27.96	-23.08	-27.62	-23.55	-25.03	-26.65
4.70	-7.08	-3.89	-9.58	-3.36	-4.87	-7.38	2.198	1.198	-26.08	-22.89	-28.58	-22.36	-23.87	-26.38
4.80	-6.35	-4.65	-6.5	-3.31	-3.31	-6.14	1.969	0.969	-25.35	-23.65	-25.50	-22.31	-22.31	-25.14
4.90	-3.9	-5.66	-2.81	-3.01	-2.84	-5.04	1.745	0.745	-22.90	-24.66	-21.81	-22.01	-21.84	-24.04
5.00	-2.87	-5.86	-0.96	-4.61	-4.79	-4.84	1.526	0.526	-21.87	-24.86	-19.96	-23.61	-23.79	-23.84
5.10	-4.29	-4.73	-1.62	-5.99	-6.45	-4.29	1.311	0.311	-23.29	-23.73	-20.62	-24.99	-25.45	-23.29
5.20	-5.84	-3.77	-3.7	-8	-5.85	-4.09	1.100	0.100	-24.84	-22.77	-22.70	-27.00	-24.85	-23.09
5.30	-5.43	-2.79	-4.69	-8.75	-4.63	-4.23	0.893	-0.107	-24.43	-21.79	-23.69	-27.75	-23.63	-23.23
5.40	-3.14	-2.38	-3.95	-8	-3.7	-5.91	0.690	-0.310	-22.14	-21.38	-22.95	-27.00	-22.70	-24.91
5.50	-1.62	-1.61	-2.77	-3.78	-4.49	-8.65	0.491	-0.509	-20.62	-20.61	-21.77	-22.78	-23.49	-27.65

Table 6 El Crs Fine	Antenna Gain (dBi)							EIRP (dBW/4 kHz)						
								Max RF Power Density: -19.0 dBW/4kHz						
	Off-Axis Angle	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)	14.5 GHz (HV)	FCC §25.209 (b)(2)	FCC §25.218 (f)(2)	14 GHz (VH)	14 GHz (HV)	14.25 GHz (VH)	14.25 GHz (HV)	14.5 GHz (VH)
5.60	-1.33	-2.54	-2.15	-1.55	-7.23	-8.25	0.295	-0.705	-20.33	-21.54	-21.15	-20.55	-26.23	-27.25
5.70	-3.3	-3.53	-2.1	-1.24	-9.23	-6.81	0.103	-0.897	-22.30	-22.53	-21.10	-20.24	-28.23	-25.81
5.80	-6.48	-5.24	-3.12	-1.59	-8.72	-5.55	-0.086	-1.086	-25.48	-24.24	-22.12	-20.59	-27.72	-24.55
5.90	-9.37	-5.47	-4.78	-2.48	-7.07	-5.06	-0.271	-1.271	-28.37	-24.47	-23.78	-21.48	-26.07	-24.06
6.00	-9.34	-7.38	-8.76	-4.65	-5.78	-6.73	-0.454	-1.454	-28.34	-26.38	-27.76	-23.65	-24.78	-25.73
6.10	-10.31	-11.29	-15.06	-7.48	-5.61	-11.07	-0.633	-1.633	-29.31	-30.29	-34.06	-26.48	-24.61	-30.07
6.20	-16.8	-17.77	-10.47	-9.49	-4.33	-11.91	-0.810	-1.810	-35.80	-36.77	-29.47	-28.49	-23.33	-30.91
6.30	-20.02	-14.43	-6.68	-7.51	-3.26	-8.48	-0.984	-1.984	-39.02	-33.43	-25.68	-26.51	-22.26	-27.48
6.40	-7.87	-10.37	-4.97	-6	-3.58	-8.15	-1.154	-2.154	-26.87	-29.37	-23.97	-25.00	-22.58	-27.15
6.50	-3.73	-10.64	-4.66	-7.02	-5.93	-9.43	-1.323	-2.323	-22.73	-29.64	-23.66	-26.02	-24.93	-28.43
6.60	-3.47	-10.79	-5.85	-9.45	-8.05	-10.6	-1.489	-2.489	-22.47	-29.79	-24.85	-28.45	-27.05	-29.60
6.70	-7.15	-10.99	-8.08	-11.67	-8.8	-12.26	-1.652	-2.652	-26.15	-29.99	-27.08	-30.67	-27.80	-31.26
6.80	-14.06	-12.26	-8.45	-13.05	-7.66	-14.93	-1.813	-2.813	-33.06	-31.26	-27.45	-32.05	-26.66	-33.93
6.90	-15.65	-12.67	-7.05	-13.3	-7.02	-14.93	-1.971	-2.971	-34.65	-31.67	-26.05	-32.30	-26.02	-33.93
7.00	-11.36	-12.93	-6.78	-13.75	-8.2	-13.7	-2.127	-3.127	-30.36	-31.93	-25.78	-32.75	-27.20	-32.70
7.10	-8.83	-13.55	-8.47	-16.47	-12.81	-13.14	-2.000	-3.281	-27.83	-32.55	-27.47	-35.47	-31.81	-32.14
7.20	-7.68	-14.91	-8.82	-18.65	-15.34	-12.34	-2.000	-3.433	-26.68	-33.91	-27.82	-37.65	-34.34	-31.34
7.30	-9.81	-14.54	-7.39	-20.39	-11.82	-13.26	-2.000	-3.583	-28.81	-33.54	-26.39	-39.39	-30.82	-32.26
7.40	-10.81	-14.25	-8.54	-22.22	-12.98	-17.19	-2.000	-3.731	-29.81	-33.25	-27.54	-41.22	-31.98	-36.19
7.50	-11.05	-14.29	-13.67	-25.04	-14.31	-25.29	-2.000	-3.877	-30.05	-33.29	-32.67	-44.04	-33.31	-44.29
7.60	-11.8	-15.04	-29.96	-22.45	-15.49	-21.89	-2.000	-4.020	-30.80	-34.04	-48.96	-41.45	-34.49	-40.89
7.70	-15.43	-18.41	-16.71	-16.36	-15.92	-14.55	-2.000	-4.162	-34.43	-37.41	-35.71	-35.36	-34.92	-33.55
7.80	-15.63	-23.09	-15.34	-19.76	-13.47	-11.03	-2.000	-4.302	-34.63	-42.09	-34.34	-38.76	-32.47	-30.03
7.90	-14.76	-23.3	-11.14	-20.94	-13.66	-8.19	-2.000	-4.441	-33.76	-42.30	-30.14	-39.94	-32.66	-27.19
8.00	-15.61	-18.7	-9.02	-16.07	-14.24	-6.95	-2.000	-4.577	-34.61	-37.70	-28.02	-35.07	-33.24	-25.95
8.10	-17.26	-16.47	-11.87	-14.19	-10.5	-9.24	-2.000	-4.712	-36.26	-35.47	-30.87	-33.19	-29.50	-28.24
8.20	-16	-17.15	-17.16	-11.26	-9.3	-12.74	-2.000	-4.845	-35.00	-36.15	-36.16	-30.26	-28.30	-31.74
8.30	-13.85	-25.33	-16.88	-9.69	-7.26	-18.26	-2.000	-4.977	-32.85	-44.33	-35.88	-28.69	-26.26	-37.26
8.40	-10.98	-20.26	-14.08	-9.44	-9.86	-17.29	-2.000	-5.107	-29.98	-39.26	-33.08	-28.44	-28.86	-36.29
8.50	-15.05	-15.75	-10.91	-10.76	-13.88	-15.65	-2.000	-5.235	-34.05	-34.75	-29.91	-29.76	-32.88	-34.65
8.60	-17.68	-14.56	-9.57	-14.57	-21.39	-15.55	-2.000	-5.362	-36.68	-33.56	-28.57	-33.57	-40.39	-34.55
8.70	-7.92	-17.96	-9.63	-15.02	-10.4	-13.73	-2.000	-5.488	-26.92	-36.96	-28.63	-34.02	-29.40	-32.73
8.80	-6.84	-22.79	-11.02	-16.44	-10.44	-16.59	-2.000	-5.612	-25.84	-41.79	-30.02	-35.44	-29.44	-35.59
8.90	-8.13	-23.02	-12.25	-18.51	-15.05	-17.49	-2.000	-5.735	-27.13	-42.02	-31.25	-37.51	-34.05	-36.49
9.00	-12.53	-24.78	-15.61	-23.33	-22.86	-16.64	-2.000	-5.856	-31.53	-43.78	-34.61	-42.33	-41.86	-35.64
9.10	-15.52	-24.06	-12.4	-31.46	-23.79	-17.57	-2.000	-5.976	-34.52	-43.06	-31.40	-50.46	-42.79	-36.57
9.20	-13.11	-29.91	-12.17	-29.4	-19.63	-15.97	-2.000	-6.095	-32.11	-48.91	-31.17	-48.40	-38.63	-34.97
9.30	-12.5	-25.91	-13.98	-20.34	-14.75	-18.69		-6.212	-31.50	-44.91	-32.98	-39.34	-33.75	-37.69
9.40	-12.59	-23.39	-15.85	-18.93	-15.91	-17.85		-6.328	-31.59	-42.39	-34.85	-37.93	-34.91	-36.85
9.50	-11.82	-22.15	-13.08	-18.5	-16.85	-18.46		-6.443	-30.82	-41.15	-32.08	-37.50	-35.85	-37.46
9.60	-11.26	-22.89	-11.73	-16.15	-13.61	-14.91		-6.557	-30.26	-41.89	-30.73	-35.15	-32.61	-33.91
9.70	-12.01	-26.13	-11.92	-17.33	-14.11	-13.08		-6.669	-31.01	-45.13	-30.92	-36.33	-33.11	-32.08
9.80	-15.94	-23.67	-12.16	-15.76	-20.07	-14.39		-6.781	-34.94	-42.67	-31.16	-34.76	-39.07	-33.39
9.90	-15.64	-29.11	-11.19	-14.32	-14.52	-14.75		-6.891	-34.64	-48.11	-30.19	-33.32	-33.52	-33.75
10.00	-12.45	-35.99	-8.87	-17.12	-10.59	-14.08		-7.000	-31.45	-54.99	-27.87	-36.12	-29.59	-33.08