

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 the following regulations:

- FCC §209(a)(2) between (inclusive, relative to main beam): -4.4° to -3.0° , -2.2° to -1.5° , 1.5° to 2.2° , and 3.1° to 4.7° . The worst case difference is 7.27dB at 1.5° (14.50 GHz VV).
- FCC §209(a)(5) between (inclusive, relative to main beam): -4.5° to -3.1° and 3.1° to 4.4° . The worst case difference is 5.16dB at 3.2° (14.50 GHz HH).
- FCC §209(b)(1) between (inclusive, relative to main beam): 3.8° to 4.7° . The worst case difference is 0.97 dB at 4.3° (14.25 GHz VH).
- FCC §209(b)(2) between (inclusive, relative to main beam): 4.1° to 4.8° . The worst case difference is 0.57 dB at 4.4° (14.00 GHz HV).

Overall, the worst case difference is 7.27 dB at 1.5° azimuth (14.50 GHz VV). Therefore, the RF flange power density of the earth station system will be -21.3 dBW/4 kHz. This is 7.3 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. 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 7.3 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 (14.00 GHz), middle (14.25 GHz), and high (14.50 GHz) points of the conventional Ku frequency band, along with the appropriate FCC mask from either §25.209(a)(2), §25.209(a)(5), §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 7.3 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 not exceeded.

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.

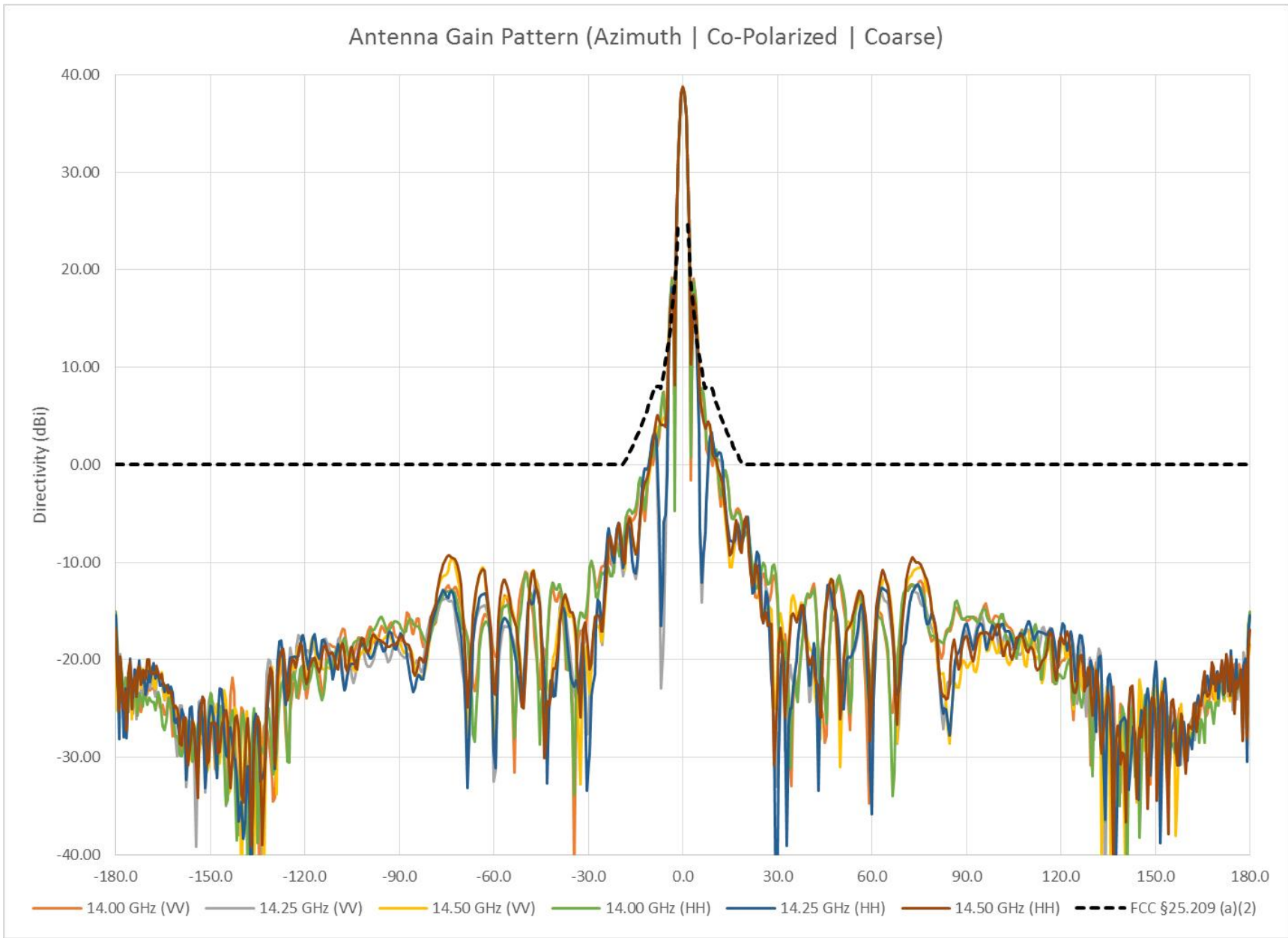


Figure 1 - Antenna Gain Pattern (Azimuth | Co-Polarized | Coarse)

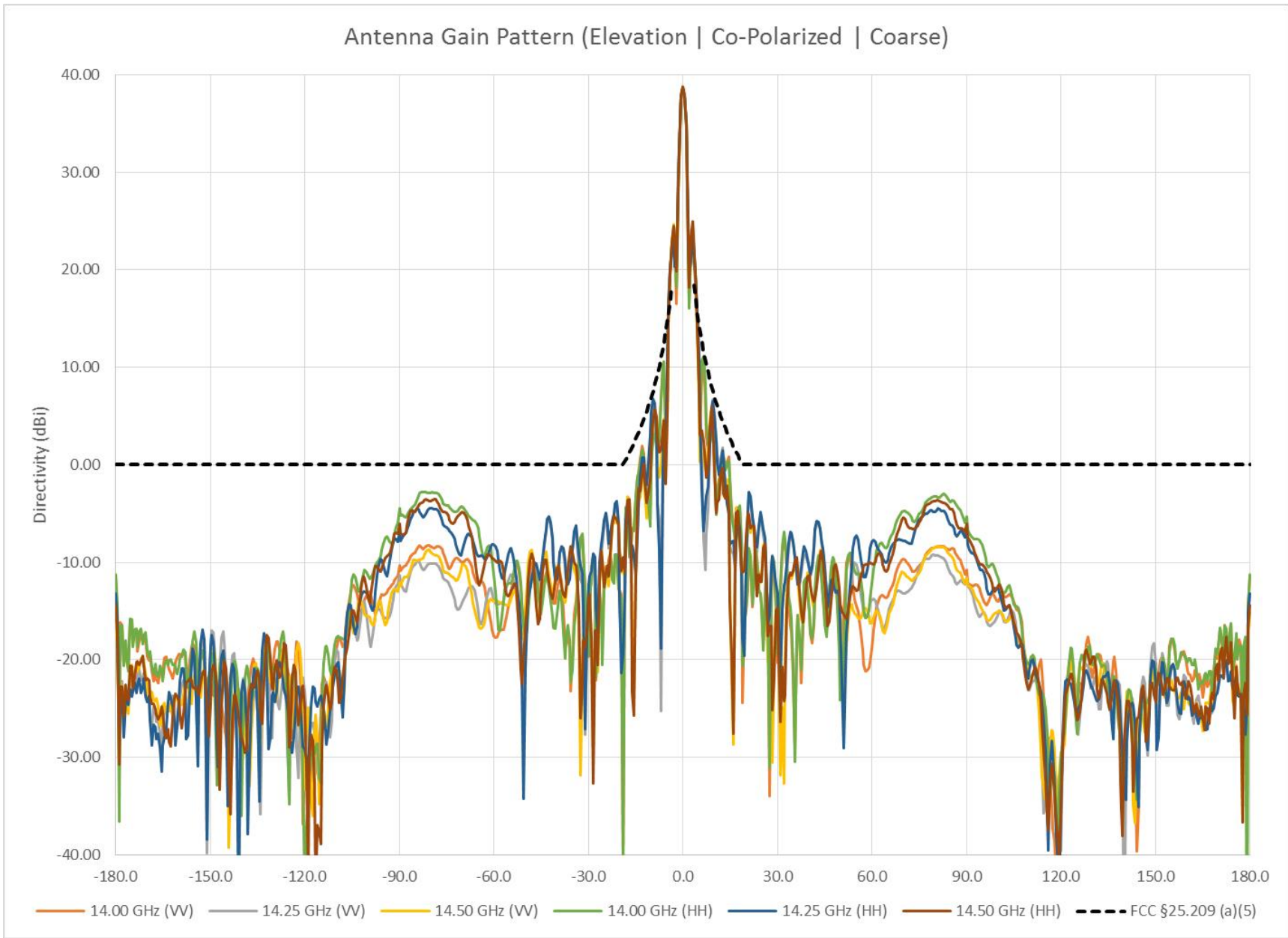


Figure 2 - Antenna Gain Pattern (Elevation | Co-Polarized | Coarse)

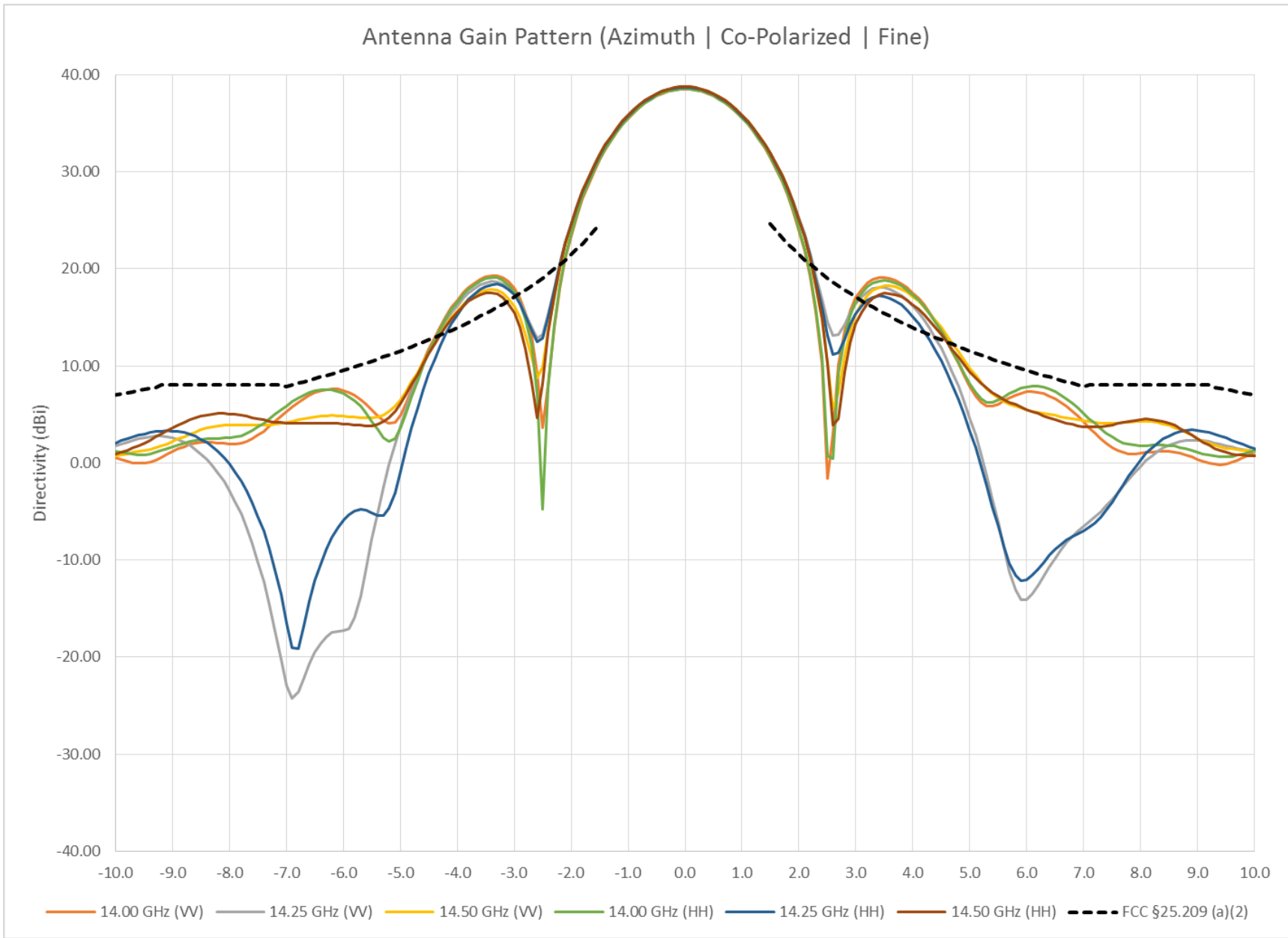


Figure 3 - Antenna Gain Pattern (Azimuth | Co-Polarized | Fine)

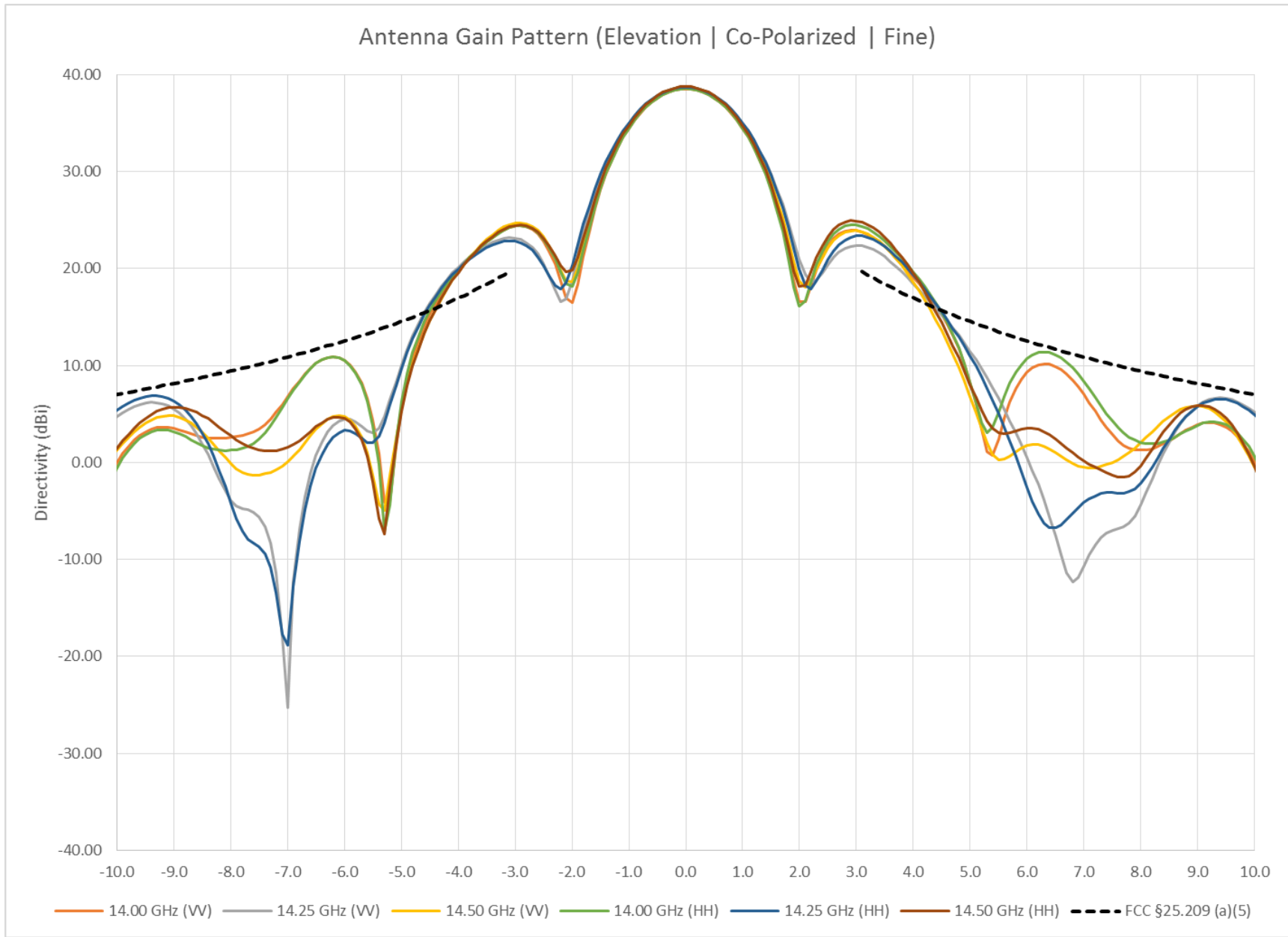


Figure 4 - Antenna Gain Pattern (Elevation | Co-Polarized | Fine)

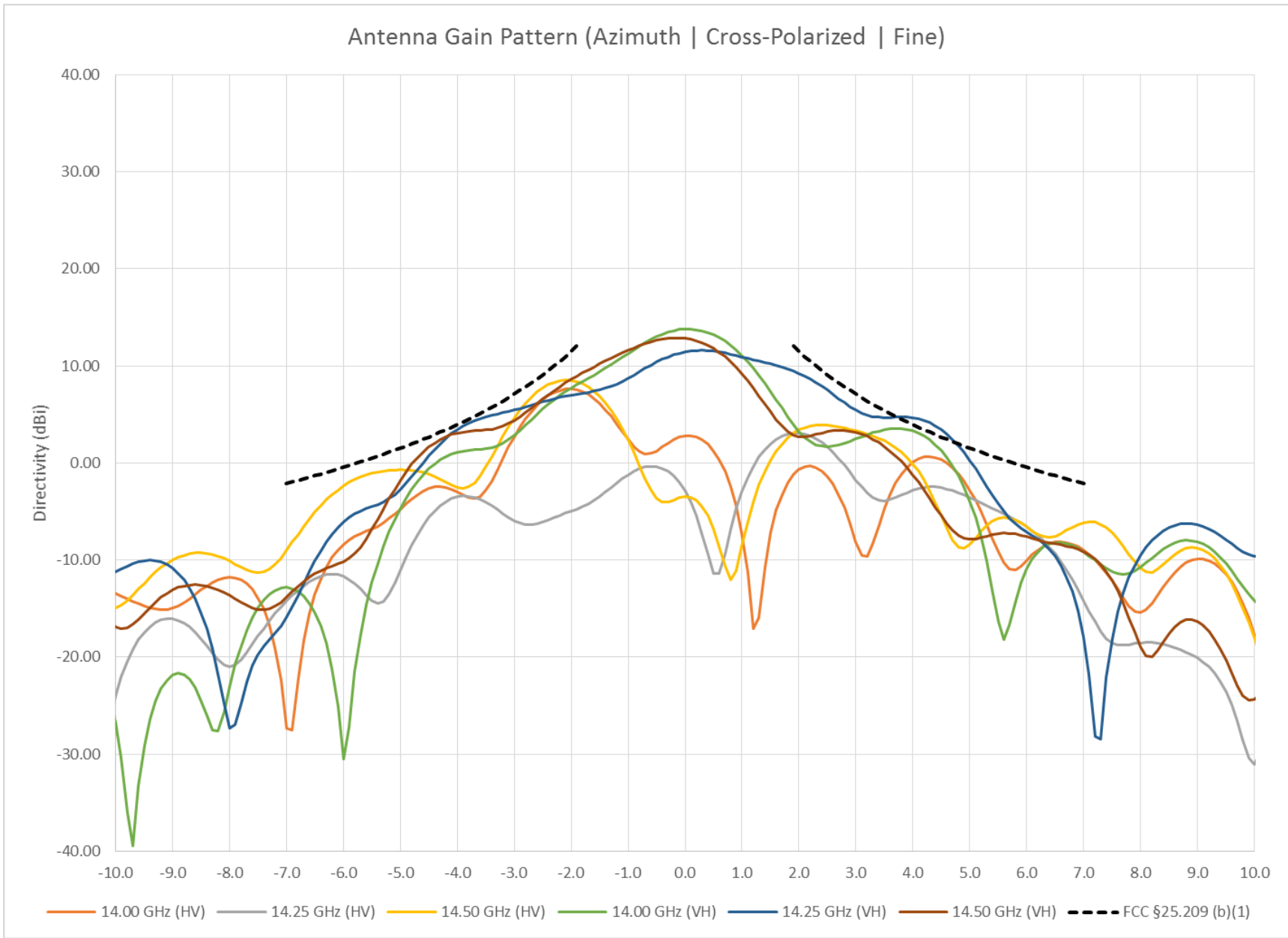


Figure 5 - Antenna Gain Pattern (Azimuth | Cross-Polarized | Fine)

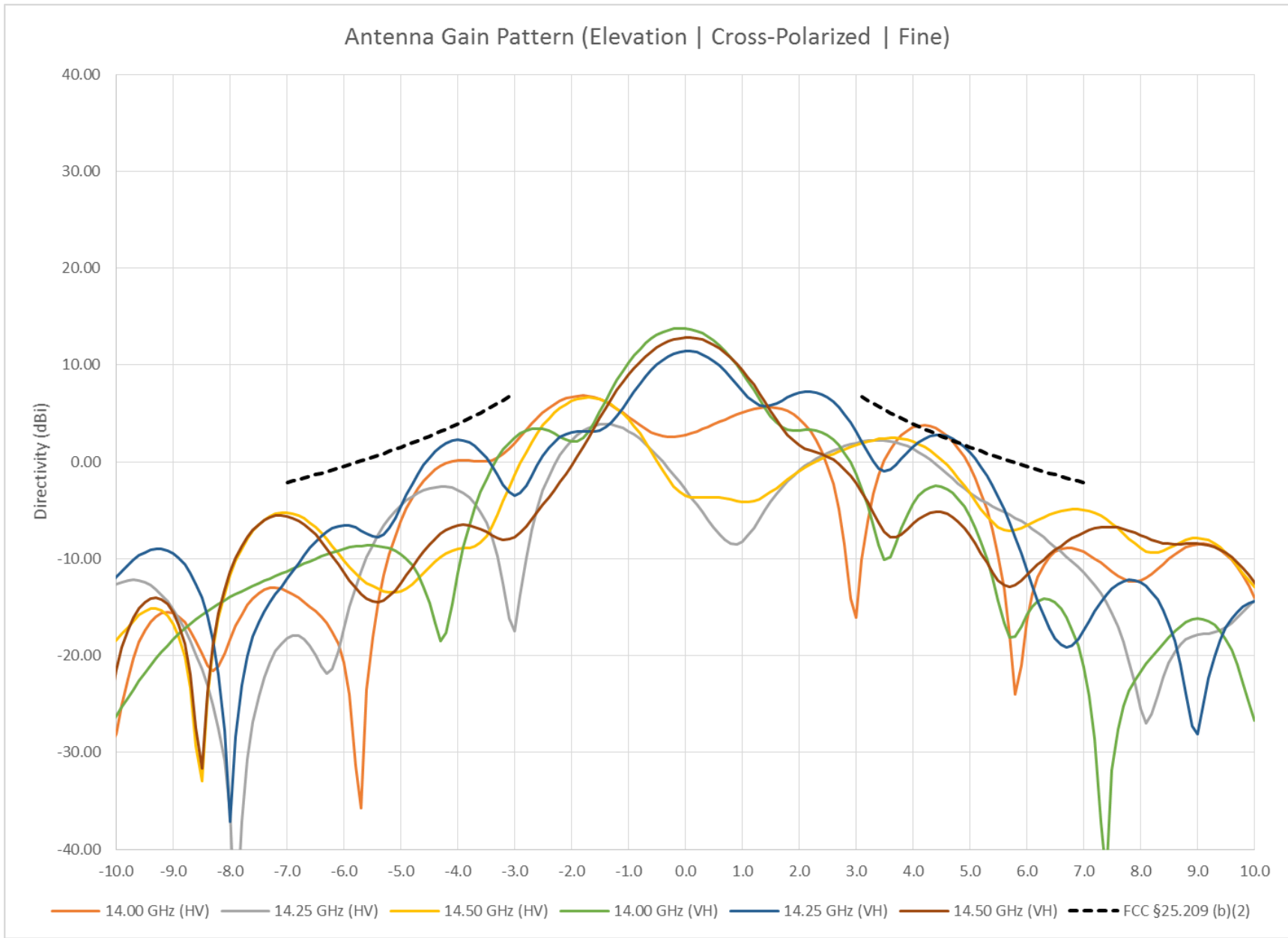


Figure 6 - Antenna Gain Pattern (Elevation | Cross-Polarized | Fine)

Table 1 - Pattern Data (Azimuth | Co-Polarized | Coarse)

Table 1 Az Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-180.0	-15.45	-15.70	-18.42	-15.01	-15.38	-16.89	0.00	-14.00	-36.75	-37.00	-39.72	-36.31	-36.68	-38.19	
-179.5	-20.04	-22.56	-25.28	-18.36	-20.11	-21.98	0.00	-14.00	-41.34	-43.86	-46.58	-39.66	-41.41	-43.28	
-179.0	-24.24	-24.64	-22.84	-23.25	-28.09	-25.21	0.00	-14.00	-45.54	-45.94	-44.14	-44.55	-49.39	-46.51	
-178.5	-20.26	-19.44	-19.68	-19.82	-19.70	-19.70	0.00	-14.00	-41.56	-40.74	-40.98	-41.12	-41.00	-41.00	
-178.0	-22.96	-24.17	-24.19	-21.43	-22.74	-22.84	0.00	-14.00	-44.26	-45.47	-45.49	-42.73	-44.04	-44.14	
-177.5	-25.19	-25.22	-24.37	-24.36	-27.98	-25.09	0.00	-14.00	-46.49	-46.52	-45.67	-45.66	-49.28	-46.39	
-177.0	-22.43	-22.11	-23.13	-21.82	-22.97	-23.22	0.00	-14.00	-43.73	-43.41	-44.43	-43.12	-44.27	-44.52	
-176.5	-25.63	-27.41	-27.27	-24.34	-28.02	-27.27	0.00	-14.00	-46.93	-48.71	-48.57	-45.64	-49.32	-48.57	
-176.0	-24.80	-22.39	-21.92	-25.33	-22.98	-21.36	0.00	-14.00	-46.10	-43.69	-43.22	-46.63	-44.28	-42.66	
-175.5	-21.76	-20.43	-21.82	-21.13	-19.87	-20.13	0.00	-14.00	-43.06	-41.73	-43.12	-42.43	-41.17	-41.43	
-175.0	-24.19	-25.17	-26.11	-22.32	-23.78	-25.05	0.00	-14.00	-45.49	-46.47	-47.41	-43.62	-45.08	-46.35	
-174.5	-25.49	-23.84	-22.01	-25.00	-23.85	-23.19	0.00	-14.00	-46.79	-45.14	-43.31	-46.30	-45.15	-44.49	
-174.0	-23.26	-22.33	-22.31	-22.87	-20.99	-21.71	0.00	-14.00	-44.56	-43.63	-43.61	-44.17	-42.29	-43.01	
-173.5	-25.17	-26.04	-25.11	-23.95	-23.78	-23.78	0.00	-14.00	-46.47	-47.34	-46.41	-45.25	-45.08	-45.08	
-173.0	-25.75	-21.85	-21.36	-25.73	-22.15	-21.07	0.00	-14.00	-47.05	-43.15	-42.66	-47.03	-43.45	-42.37	
-172.5	-24.18	-20.56	-21.56	-23.41	-20.09	-20.65	0.00	-14.00	-45.48	-41.86	-42.86	-44.71	-41.39	-41.95	
-172.0	-25.34	-23.51	-22.89	-23.84	-22.44	-22.52	0.00	-14.00	-46.64	-44.81	-44.19	-45.14	-43.74	-43.82	
-171.5	-24.31	-22.21	-20.89	-24.82	-22.28	-21.06	0.00	-14.00	-45.61	-43.51	-42.19	-46.12	-43.58	-42.36	
-171.0	-23.07	-21.57	-21.54	-23.46	-21.11	-21.22	0.00	-14.00	-44.37	-42.87	-42.84	-44.76	-42.41	-42.52	
-170.5	-23.93	-23.98	-22.07	-23.82	-23.60	-22.01	0.00	-14.00	-45.23	-45.28	-43.37	-45.12	-44.90	-43.31	
-170.0	-23.38	-21.78	-20.67	-24.62	-22.61	-19.95	0.00	-14.00	-44.68	-43.08	-41.97	-45.92	-43.91	-41.25	
-169.5	-22.54	-21.01	-21.61	-23.89	-21.11	-19.95	0.00	-14.00	-43.84	-42.31	-42.91	-45.19	-42.41	-41.25	
-169.0	-23.07	-22.92	-21.63	-24.03	-22.29	-21.39	0.00	-14.00	-44.37	-44.22	-42.93	-45.33	-43.59	-42.69	
-168.5	-22.94	-21.95	-20.74	-24.32	-21.14	-21.26	0.00	-14.00	-44.24	-43.25	-42.04	-45.62	-42.44	-42.56	
-168.0	-22.85	-21.80	-22.75	-24.35	-20.35	-21.49	0.00	-14.00	-44.15	-43.10	-44.05	-45.65	-41.65	-42.79	
-167.5	-23.74	-23.78	-22.91	-25.16	-21.91	-21.34	0.00	-14.00	-45.04	-45.08	-44.21	-46.46	-43.21	-42.64	
-167.0	-23.77	-22.39	-20.97	-24.52	-21.76	-20.60	0.00	-14.00	-45.07	-43.69	-42.27	-45.82	-43.06	-41.90	
-166.5	-23.83	-21.49	-21.60	-23.31	-21.27	-21.37	0.00	-14.00	-45.13	-42.79	-42.90	-44.61	-42.57	-42.67	
-166.0	-24.88	-22.23	-21.79	-24.02	-22.63	-21.87	0.00	-14.00	-46.18	-43.53	-43.09	-45.32	-43.93	-43.17	
-165.5	-24.85	-22.13	-21.22	-25.90	-22.60	-21.44	0.00	-14.00	-46.15	-43.43	-42.52	-47.20	-43.90	-42.74	
-165.0	-24.59	-22.89	-22.77	-26.81	-22.39	-22.15	0.00	-14.00	-45.89	-44.19	-44.07	-48.11	-43.69	-43.45	
-164.5	-25.58	-24.09	-24.00	-27.16	-23.31	-22.65	0.00	-14.00	-46.88	-45.39	-45.30	-48.46	-44.61	-43.95	
-164.0	-25.49	-23.05	-23.39	-26.25	-22.69	-22.65	0.00	-14.00	-46.79	-44.35	-44.69	-47.55	-43.99	-43.95	
-163.5	-23.80	-23.41	-23.80	-24.49	-22.53	-23.43	0.00	-14.00	-45.10	-44.71	-45.10	-45.79	-43.83	-44.73	
-163.0	-23.32	-24.82	-23.54	-23.88	-23.28	-23.38	0.00	-14.00	-44.62	-46.12	-44.84	-45.18	-44.58	-44.68	
-162.5	-25.07	-23.71	-23.35	-24.52	-22.75	-23.25	0.00	-14.00	-46.37	-45.01	-44.65	-45.82	-44.05	-44.55	
-162.0	-27.88	-23.49	-25.00	-25.77	-23.40	-24.40	0.00	-14.00	-49.18	-44.79	-46.30	-47.07	-44.70	-45.70	
-161.5	-26.47	-25.41	-25.85	-27.19	-26.30	-24.98	0.00	-14.00	-47.77	-46.71	-47.15	-48.49	-47.60	-46.28	
-161.0	-24.79	-27.88	-25.07	-27.90	-26.45	-24.67	0.00	-14.00	-46.09	-49.18	-46.37	-49.20	-47.75	-45.97	
-160.5	-25.43	-29.92	-25.25	-27.85	-25.96	-24.97	0.00	-14.00	-46.73	-51.22	-46.55	-49.15	-47.26	-46.27	
-160.0	-27.21	-27.56	-25.62	-28.50	-27.57	-26.05	0.00	-14.00	-48.51	-48.86	-46.92	-49.80	-48.87	-47.35	
-159.5	-28.69	-24.72	-26.27	-29.78	-26.62	-28.55	0.00	-14.00	-49.99	-46.02	-47.57	-51.08	-47.92	-49.85	
-159.0	-29.42	-24.73	-27.35	-29.86	-25.11	-28.79	0.00	-14.00	-50.72	-46.03	-48.65	-51.16	-46.41	-50.09	
-158.5	-27.66	-26.93	-26.66	-29.04	-25.62	-26.00	0.00	-14.00	-48.96	-48.23	-47.96	-50.34	-46.92	-47.30	
-158.0	-26.00	-30.01	-26.11	-28.33	-28.10	-25.94	0.00	-14.00	-47.30	-51.31	-47.41	-49.63	-49.40	-47.24	
-157.5	-26.10	-33.09	-27.76	-27.34	-32.34	-28.79	0.00	-14.00	-47.40	-54.39	-49.06	-48.64	-53.64	-50.09	
-157.0	-26.64	-30.13	-30.50	-26.36	-28.58	-30.78	0.00	-14.00	-47.94	-51.43	-51.80	-47.66	-49.88	-52.08	
-156.5	-26.52	-27.05	-30.28	-26.28	-24.94	-29.18	0.00	-14.00	-47.82	-48.35	-51.58	-47.58	-46.24	-50.48	
-156.0	-26.97	-26.62	-28.13	-27.78	-24.75	-27.31	0.00	-14.00	-48.27	-47.92	-49.43	-49.08	-46.05	-48.61	
-155.5	-27.89	-27.66	-26.58	-30.49	-26.28	-26.22	0.00	-14.00	-49.19	-48.96	-47.88	-51.79	-47.58	-47.52	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-155.0	-28.31	-30.89	-26.67	-30.22	-27.77	-27.06	0.00	-14.00	-49.61	-52.19	-47.97	-51.52	-49.07	-48.36	
-154.5	-29.51	-39.21	-29.05	-27.74	-30.47	-30.69	0.00	-14.00	-50.81	-60.51	-50.35	-49.04	-51.77	-51.99	
-154.0	-31.03	-28.42	-31.89	-26.56	-29.36	-34.18	0.00	-14.00	-52.33	-49.72	-53.19	-47.86	-50.66	-55.48	
-153.5	-29.59	-24.33	-29.89	-26.45	-25.29	-29.14	0.00	-14.00	-50.89	-45.63	-51.19	-47.75	-46.59	-50.44	
-153.0	-28.21	-24.17	-27.67	-26.85	-24.42	-25.32	0.00	-14.00	-49.51	-45.47	-48.97	-48.15	-45.72	-46.62	
-152.5	-28.43	-26.47	-26.20	-27.53	-26.22	-23.74	0.00	-14.00	-49.73	-47.77	-47.50	-48.83	-47.52	-45.04	
-152.0	-29.23	-30.51	-25.29	-28.04	-29.52	-24.10	0.00	-14.00	-50.53	-51.81	-46.59	-49.34	-50.82	-45.40	
-151.5	-29.30	-33.58	-26.43	-28.69	-33.11	-26.52	0.00	-14.00	-50.60	-54.88	-47.73	-49.99	-54.41	-47.82	
-151.0	-27.91	-27.70	-31.50	-28.61	-30.45	-30.70	0.00	-14.00	-49.21	-49.00	-52.80	-49.91	-51.75	-52.00	
-150.5	-26.01	-24.25	-30.89	-25.65	-26.20	-30.34	0.00	-14.00	-47.31	-45.55	-52.19	-46.95	-47.50	-51.64	
-150.0	-25.19	-23.61	-25.80	-23.38	-24.68	-27.34	0.00	-14.00	-46.49	-44.91	-47.10	-44.68	-45.98	-48.64	
-149.5	-25.95	-24.02	-24.88	-23.56	-24.82	-26.46	0.00	-14.00	-47.25	-45.32	-46.18	-44.86	-46.12	-47.76	
-149.0	-28.22	-24.52	-25.83	-26.17	-25.77	-26.59	0.00	-14.00	-49.52	-45.82	-47.13	-47.47	-47.07	-47.89	
-148.5	-31.22	-26.79	-25.25	-29.89	-28.73	-26.42	0.00	-14.00	-52.52	-48.09	-46.55	-51.19	-50.03	-47.72	
-148.0	-31.38	-32.11	-24.54	-32.00	-32.14	-27.13	0.00	-14.00	-52.68	-53.41	-45.84	-53.30	-53.44	-48.43	
-147.5	-28.44	-29.35	-26.42	-30.38	-26.05	-29.61	0.00	-14.00	-49.74	-50.65	-47.72	-51.68	-47.35	-50.91	
-147.0	-26.47	-25.84	-30.67	-26.42	-22.95	-29.47	0.00	-14.00	-47.77	-47.14	-51.97	-47.72	-44.25	-50.77	
-146.5	-25.74	-25.14	-28.06	-24.72	-23.03	-26.96	0.00	-14.00	-47.04	-46.44	-49.36	-46.02	-44.33	-48.26	
-146.0	-25.03	-25.86	-24.33	-25.96	-25.13	-26.04	0.00	-14.00	-46.33	-47.16	-45.63	-47.26	-46.43	-47.34	
-145.5	-24.42	-28.31	-23.11	-30.14	-27.59	-25.60	0.00	-14.00	-45.72	-49.61	-44.41	-51.44	-48.89	-46.90	
-145.0	-25.81	-34.99	-24.10	-34.78	-29.75	-25.18	0.00	-14.00	-47.11	-56.29	-45.40	-56.08	-51.05	-46.48	
-144.5	-32.49	-33.20	-27.60	-34.38	-29.97	-26.35	0.00	-14.00	-53.79	-54.50	-48.90	-55.68	-51.27	-47.65	
-144.0	-30.52	-28.24	-33.68	-30.17	-27.52	-30.18	0.00	-14.00	-51.82	-49.54	-54.98	-51.47	-48.82	-51.48	
-143.5	-23.62	-28.06	-33.24	-26.30	-26.91	-33.12	0.00	-14.00	-44.92	-49.36	-54.54	-47.60	-48.21	-54.42	
-143.0	-21.85	-30.45	-28.92	-25.17	-28.68	-30.04	0.00	-14.00	-43.15	-51.75	-50.22	-46.47	-49.98	-51.34	
-142.5	-23.25	-31.01	-26.07	-27.16	-30.12	-27.52	0.00	-14.00	-44.55	-52.31	-47.37	-48.46	-51.42	-48.82	
-142.0	-27.64	-30.64	-24.89	-32.96	-30.16	-25.98	0.00	-14.00	-48.94	-51.94	-46.19	-54.26	-51.46	-47.28	
-141.5	-34.10	-33.27	-25.66	-38.49	-32.34	-25.74	0.00	-14.00	-55.40	-54.57	-46.96	-59.79	-53.64	-47.04	
-141.0	-31.70	-38.01	-28.75	-34.96	-36.62	-27.32	0.00	-14.00	-53.00	-59.31	-50.05	-56.26	-57.92	-48.62	
-140.5	-27.13	-36.58	-35.56	-29.96	-35.19	-30.50	0.00	-14.00	-48.43	-57.88	-56.86	-51.26	-56.49	-51.80	
-140.0	-24.88	-36.35	-44.97	-26.31	-34.56	-33.82	0.00	-14.00	-46.18	-57.65	-66.27	-47.61	-55.86	-55.12	
-139.5	-25.24	-38.46	-31.81	-25.44	-38.37	-34.67	0.00	-14.00	-46.54	-59.76	-53.11	-46.74	-59.67	-55.97	
-139.0	-28.95	-37.29	-26.96	-27.41	-36.77	-30.13	0.00	-14.00	-50.25	-58.59	-48.26	-48.71	-58.07	-51.43	
-138.5	-37.03	-36.49	-25.29	-32.33	-31.75	-26.56	0.00	-14.00	-58.33	-57.79	-46.59	-53.63	-53.05	-47.86	
-138.0	-32.45	-42.12	-26.27	-40.56	-30.88	-25.96	0.00	-14.00	-53.75	-63.42	-47.57	-61.86	-52.18	-47.26	
-137.5	-29.35	-40.88	-30.23	-39.65	-34.95	-28.89	0.00	-14.00	-50.65	-62.18	-51.53	-60.95	-56.25	-50.19	
-137.0	-28.71	-30.47	-38.56	-30.11	-45.60	-39.20	0.00	-14.00	-50.01	-51.77	-59.86	-51.41	-66.90	-60.50	
-136.5	-27.55	-26.78	-48.39	-25.83	-30.60	-34.82	0.00	-14.00	-48.85	-48.08	-69.69	-47.13	-51.90	-56.12	
-136.0	-26.29	-26.39	-40.63	-24.98	-26.37	-28.91	0.00	-14.00	-47.59	-47.69	-61.93	-46.28	-47.67	-50.21	
-135.5	-26.77	-28.76	-32.64	-27.76	-25.49	-26.68	0.00	-14.00	-48.07	-50.06	-53.94	-49.06	-46.79	-47.98	
-135.0	-30.36	-31.33	-28.12	-38.84	-26.97	-25.83	0.00	-14.00	-51.66	-52.63	-49.42	-60.14	-48.27	-47.13	
-134.5	-43.68	-29.99	-26.37	-33.66	-30.16	-26.54	0.00	-14.00	-64.98	-51.29	-47.67	-54.96	-51.46	-47.84	
-134.0	-35.04	-30.73	-27.29	-28.85	-32.45	-29.98	0.00	-14.00	-56.34	-52.03	-48.59	-50.15	-53.75	-51.28	
-133.5	-28.89	-40.57	-32.42	-29.25	-32.10	-38.95	0.00	-14.00	-50.19	-61.87	-53.72	-50.55	-53.40	-60.25	
-133.0	-26.78	-32.91	-42.07	-29.58	-31.48	-34.14	0.00	-14.00	-48.08	-54.21	-63.37	-50.88	-52.78	-55.44	
-132.5	-26.37	-24.90	-29.62	-26.61	-29.66	-28.35	0.00	-14.00	-47.67	-46.20	-50.92	-47.91	-50.96	-49.65	
-132.0	-26.94	-21.45	-25.61	-24.75	-26.21	-24.87	0.00	-14.00	-48.24	-42.75	-46.91	-46.05	-47.51	-46.17	
-131.5	-28.15	-19.99	-23.32	-24.97	-23.19	-22.21	0.00	-14.00	-49.45	-41.29	-44.62	-46.27	-44.49	-43.51	
-131.0	-29.90	-20.13	-21.45	-27.02	-21.58	-20.83	0.00	-14.00	-51.20	-41.43	-42.75	-48.32	-42.88	-42.13	
-130.5	-32.18	-22.44	-20.72	-30.14	-21.80	-21.30	0.00	-14.00	-53.48	-43.74	-42.02	-51.44	-43.10	-42.60	
-130.0	-34.50	-28.86	-22.17	-31.72	-24.69	-24.43	0.00	-14.00	-55.80	-50.16	-43.47	-53.02	-45.99	-45.73	
-129.5	-34.13	-28.39	-27.44	-30.98	-31.23	-30.81	0.00	-14.00	-55.43	-49.69	-48.74	-52.28	-52.53	-52.11	
-129.0	-29.55	-22.31	-33.79	-29.57	-25.48	-26.53	0.00	-14.00	-50.85	-43.61	-55.09	-50.87	-46.78	-47.83	
-128.5	-24.98	-20.17	-24.97	-27.09	-20.28	-21.99	0.00	-14.00	-46.28	-41.47	-46.27	-48.39	-41.58	-43.29	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-128.0	-21.91	-19.56	-21.50	-24.40	-18.15	-20.03	0.00	-14.00	-43.21	-40.86	-42.80	-45.70	-39.45	-41.33	
-127.5	-20.49	-19.29	-20.17	-22.65	-18.02	-19.14	0.00	-14.00	-41.79	-40.59	-41.47	-43.95	-39.32	-40.44	
-127.0	-20.79	-19.69	-19.76	-22.13	-19.65	-18.83	0.00	-14.00	-42.09	-40.99	-41.06	-43.43	-40.95	-40.13	
-126.5	-23.08	-21.65	-20.18	-22.87	-22.86	-19.45	0.00	-14.00	-44.38	-42.95	-41.48	-44.17	-44.16	-40.75	
-126.0	-27.45	-24.65	-21.79	-25.26	-24.57	-21.49	0.00	-14.00	-48.75	-45.95	-43.09	-46.56	-45.87	-42.79	
-125.5	-29.83	-23.18	-23.67	-30.47	-22.17	-24.13	0.00	-14.00	-51.13	-44.48	-44.97	-51.77	-43.47	-45.43	
-125.0	-27.36	-19.93	-22.83	-30.57	-20.31	-23.34	0.00	-14.00	-48.66	-41.23	-44.13	-51.87	-41.61	-44.64	
-124.5	-25.23	-18.76	-21.07	-24.50	-19.77	-20.93	0.00	-14.00	-46.53	-40.06	-42.37	-45.80	-41.07	-42.23	
-124.0	-23.55	-19.82	-20.63	-21.74	-19.75	-19.83	0.00	-14.00	-44.85	-41.12	-41.93	-43.04	-41.05	-41.13	
-123.5	-22.41	-21.99	-21.11	-21.26	-19.65	-20.07	0.00	-14.00	-43.71	-43.29	-42.41	-42.56	-40.95	-41.37	
-123.0	-22.18	-21.09	-20.80	-22.44	-19.65	-20.78	0.00	-14.00	-43.48	-42.39	-42.10	-43.74	-40.95	-42.08	
-122.5	-22.98	-18.60	-19.49	-23.84	-19.85	-20.47	0.00	-14.00	-44.28	-39.90	-40.79	-45.14	-41.15	-41.77	
-122.0	-23.93	-17.48	-18.63	-22.75	-19.62	-19.19	0.00	-14.00	-45.23	-38.78	-39.93	-44.05	-40.92	-40.49	
-121.5	-22.88	-17.71	-18.60	-20.95	-18.58	-18.34	0.00	-14.00	-44.18	-39.01	-39.90	-42.25	-39.88	-39.64	
-121.0	-21.14	-18.70	-19.01	-20.61	-17.58	-18.54	0.00	-14.00	-42.44	-40.00	-40.31	-41.91	-38.88	-39.84	
-120.5	-20.86	-19.51	-19.63	-21.77	-17.44	-19.83	0.00	-14.00	-42.16	-40.81	-40.93	-43.07	-38.74	-41.13	
-120.0	-22.34	-19.48	-20.71	-23.04	-18.36	-21.65	0.00	-14.00	-43.64	-40.78	-42.01	-44.34	-39.66	-42.95	
-119.5	-23.98	-19.08	-22.24	-22.86	-19.96	-22.51	0.00	-14.00	-45.28	-40.38	-43.54	-44.16	-41.26	-43.81	
-119.0	-22.76	-19.02	-22.30	-22.38	-20.95	-21.83	0.00	-14.00	-44.06	-40.32	-43.60	-43.68	-42.25	-43.13	
-118.5	-20.78	-19.33	-20.09	-22.24	-20.27	-20.93	0.00	-14.00	-42.08	-40.63	-41.39	-43.54	-41.57	-42.23	
-118.0	-19.84	-19.39	-18.22	-21.61	-18.82	-20.35	0.00	-14.00	-41.14	-40.69	-39.52	-42.91	-40.12	-41.65	
-117.5	-19.87	-18.82	-17.66	-20.51	-17.69	-19.94	0.00	-14.00	-41.17	-40.12	-38.96	-41.81	-38.99	-41.24	
-117.0	-20.37	-18.29	-18.24	-19.98	-17.37	-19.76	0.00	-14.00	-41.67	-39.59	-39.54	-41.28	-38.67	-41.06	
-116.5	-20.67	-18.51	-19.36	-20.50	-18.03	-20.08	0.00	-14.00	-41.97	-39.81	-40.66	-41.80	-39.33	-41.38	
-116.0	-20.72	-19.47	-20.17	-21.76	-19.36	-20.82	0.00	-14.00	-42.02	-40.77	-41.47	-43.06	-40.66	-42.12	
-115.5	-21.16	-20.16	-20.39	-22.98	-19.88	-21.30	0.00	-14.00	-42.46	-41.46	-41.69	-44.28	-41.18	-42.60	
-115.0	-22.42	-19.73	-20.55	-23.76	-18.93	-20.72	0.00	-14.00	-43.72	-41.03	-41.85	-45.06	-40.23	-42.02	
-114.5	-23.79	-18.77	-20.86	-24.14	-18.05	-19.54	0.00	-14.00	-45.09	-40.07	-42.16	-45.44	-39.35	-40.84	
-114.0	-23.25	-18.07	-21.03	-23.50	-17.96	-18.68	0.00	-14.00	-44.55	-39.37	-42.33	-44.80	-39.26	-39.98	
-113.5	-21.11	-17.87	-20.88	-21.80	-18.42	-18.50	0.00	-14.00	-42.41	-39.17	-42.18	-43.10	-39.72	-39.80	
-113.0	-19.34	-18.07	-20.72	-20.33	-18.91	-18.85	0.00	-14.00	-40.64	-39.37	-42.02	-41.63	-40.21	-40.15	
-112.5	-18.51	-18.45	-20.79	-19.92	-19.27	-19.31	0.00	-14.00	-39.81	-39.75	-42.09	-41.22	-40.57	-40.61	
-112.0	-18.41	-19.14	-20.94	-20.48	-19.93	-19.40	0.00	-14.00	-39.71	-40.44	-42.24	-41.78	-41.23	-40.70	
-111.5	-18.57	-20.27	-20.84	-21.08	-21.15	-19.25	0.00	-14.00	-39.87	-41.57	-42.14	-42.38	-42.45	-40.55	
-111.0	-18.64	-21.19	-20.52	-20.60	-21.99	-19.34	0.00	-14.00	-39.94	-42.49	-41.82	-41.90	-43.29	-40.64	
-110.5	-18.70	-20.76	-20.23	-19.48	-20.99	-19.92	0.00	-14.00	-40.00	-42.06	-41.53	-40.78	-42.29	-41.22	
-110.0	-18.85	-19.24	-19.93	-18.87	-19.27	-20.76	0.00	-14.00	-40.15	-40.54	-41.23	-40.17	-40.57	-42.06	
-109.5	-18.82	-17.94	-19.38	-19.12	-18.38	-20.99	0.00	-14.00	-40.12	-39.24	-40.68	-40.42	-39.68	-42.29	
-109.0	-18.23	-17.73	-18.68	-19.52	-18.71	-19.93	0.00	-14.00	-39.53	-39.03	-39.98	-40.82	-40.01	-41.23	
-108.5	-17.35	-18.95	-18.25	-19.00	-20.14	-18.63	0.00	-14.00	-38.65	-40.25	-39.55	-40.30	-41.44	-39.93	
-108.0	-16.79	-21.25	-18.39	-18.08	-22.02	-18.30	0.00	-14.00	-38.09	-42.55	-39.69	-39.38	-43.32	-39.60	
-107.5	-16.90	-23.13	-19.06	-17.70	-23.15	-19.20	0.00	-14.00	-38.20	-44.43	-40.36	-39.00	-44.45	-40.50	
-107.0	-17.67	-22.95	-19.80	-18.12	-22.81	-20.71	0.00	-14.00	-38.97	-44.25	-41.10	-39.42	-44.11	-42.01	
-106.5	-18.84	-21.58	-20.07	-19.12	-21.70	-21.16	0.00	-14.00	-40.14	-42.88	-41.37	-40.42	-43.00	-42.46	
-106.0	-19.90	-20.59	-19.98	-19.90	-20.81	-19.99	0.00	-14.00	-41.20	-41.89	-41.28	-41.20	-42.11	-41.29	
-105.5	-20.31	-20.72	-20.03	-19.61	-20.44	-18.80	0.00	-14.00	-41.61	-42.02	-41.33	-40.91	-41.74	-40.10	
-105.0	-20.10	-21.76	-20.44	-18.81	-20.41	-18.63	0.00	-14.00	-41.40	-43.06	-41.74	-40.11	-41.71	-39.93	
-104.5	-19.54	-22.42	-20.98	-18.26	-20.44	-19.54	0.00	-14.00	-40.84	-43.72	-42.28	-39.56	-41.74	-40.84	
-104.0	-18.84	-21.66	-21.15	-18.07	-20.34	-20.79	0.00	-14.00	-40.14	-42.96	-42.45	-39.37	-41.64	-42.09	
-103.5	-18.17	-20.16	-20.76	-18.01	-19.97	-21.00	0.00	-14.00	-39.47	-41.46	-42.06	-39.31	-41.27	-42.30	
-103.0	-17.73	-18.80	-20.11	-17.91	-19.38	-19.84	0.00	-14.00	-39.03	-40.10	-41.41	-39.21	-40.68	-41.14	
-102.5	-17.71	-18.05	-19.56	-17.85	-18.79	-18.45	0.00	-14.00	-39.01	-39.35	-40.86	-39.15	-40.09	-39.75	
-102.0	-18.10	-18.04	-19.21	-18.07	-18.38	-17.70	0.00	-14.00	-39.40	-39.34	-40.51	-39.37	-39.68	-39.00	
-101.5	-18.56	-18.69	-19.07	-18.56	-18.29	-17.80	0.00	-14.00	-39.86	-39.99	-40.37	-39.86	-39.59	-39.10	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-101.0	-18.51	-19.67	-19.09	-18.93	-18.53	-18.46	0.00	-14.00	-39.81	-40.97	-40.39	-40.23	-39.83	-39.76	
-100.5	-17.88	-20.42	-19.26	-18.79	-18.93	-19.14	0.00	-14.00	-39.18	-41.72	-40.56	-40.09	-40.23	-40.44	
-100.0	-17.13	-20.68	-19.45	-18.13	-19.39	-19.26	0.00	-14.00	-38.43	-41.98	-40.75	-39.43	-40.69	-40.56	
-99.5	-16.66	-20.70	-19.37	-17.37	-19.82	-18.72	0.00	-14.00	-37.96	-42.00	-40.67	-38.67	-41.12	-40.02	
-99.0	-16.66	-20.59	-18.86	-16.92	-19.91	-17.97	0.00	-14.00	-37.96	-41.89	-40.16	-38.22	-41.21	-39.27	
-98.5	-17.12	-20.26	-18.17	-16.86	-19.59	-17.49	0.00	-14.00	-38.42	-41.56	-39.47	-38.16	-40.89	-38.79	
-98.0	-17.84	-19.70	-17.65	-16.93	-19.13	-17.42	0.00	-14.00	-39.14	-41.00	-38.95	-38.23	-40.43	-38.72	
-97.5	-18.34	-19.04	-17.48	-16.76	-18.63	-17.63	0.00	-14.00	-39.64	-40.34	-38.78	-38.06	-39.93	-38.93	
-97.0	-18.21	-18.52	-17.66	-16.32	-18.16	-17.87	0.00	-14.00	-39.51	-39.82	-38.96	-37.62	-39.46	-39.17	
-96.5	-17.52	-18.30	-17.99	-15.85	-17.94	-17.99	0.00	-14.00	-38.82	-39.60	-39.29	-37.15	-39.24	-39.29	
-96.0	-16.83	-18.35	-18.19	-15.56	-18.13	-18.02	0.00	-14.00	-38.13	-39.65	-39.49	-36.86	-39.43	-39.32	
-95.5	-16.57	-18.53	-18.14	-15.60	-18.66	-18.08	0.00	-14.00	-37.87	-39.83	-39.44	-36.90	-39.96	-39.38	
-95.0	-16.80	-18.80	-17.93	-15.96	-19.14	-18.21	0.00	-14.00	-38.10	-40.10	-39.23	-37.26	-40.44	-39.51	
-94.5	-17.17	-19.26	-17.70	-16.49	-19.00	-18.39	0.00	-14.00	-38.47	-40.56	-39.00	-37.79	-40.30	-39.69	
-94.0	-17.20	-19.84	-17.50	-16.95	-18.26	-18.58	0.00	-14.00	-38.50	-41.14	-38.80	-38.25	-39.56	-39.88	
-93.5	-16.78	-20.22	-17.37	-17.10	-17.46	-18.69	0.00	-14.00	-38.08	-41.52	-38.67	-38.40	-38.76	-39.99	
-93.0	-16.30	-20.10	-17.45	-16.91	-17.07	-18.62	0.00	-14.00	-37.60	-41.40	-38.75	-38.21	-38.37	-39.92	
-92.5	-16.18	-19.41	-17.88	-16.53	-17.32	-18.51	0.00	-14.00	-37.48	-40.71	-39.18	-37.83	-38.62	-39.81	
-92.0	-16.59	-18.58	-18.49	-16.21	-18.11	-18.47	0.00	-14.00	-37.89	-39.88	-39.79	-37.51	-39.41	-39.77	
-91.5	-17.23	-18.19	-18.88	-16.07	-18.88	-18.50	0.00	-14.00	-38.53	-39.49	-40.18	-37.37	-40.18	-39.80	
-91.0	-17.61	-18.37	-18.83	-16.10	-18.90	-18.43	0.00	-14.00	-38.91	-39.67	-40.13	-37.40	-40.20	-39.73	
-90.5	-17.75	-18.84	-18.46	-16.20	-18.25	-18.13	0.00	-14.00	-39.05	-40.14	-39.76	-37.50	-39.55	-39.43	
-90.0	-17.95	-19.23	-18.17	-16.35	-17.53	-17.73	0.00	-14.00	-39.25	-40.53	-39.47	-37.65	-38.83	-39.03	
-89.5	-18.12	-19.43	-18.34	-16.60	-17.27	-17.53	0.00	-14.00	-39.42	-40.73	-39.64	-37.90	-38.57	-38.83	
-89.0	-17.98	-19.60	-18.91	-16.95	-17.57	-17.72	0.00	-14.00	-39.28	-40.90	-40.21	-38.25	-38.87	-39.02	
-88.5	-17.14	-19.80	-19.36	-17.20	-18.16	-18.13	0.00	-14.00	-38.44	-41.10	-40.66	-38.50	-39.46	-39.43	
-88.0	-15.87	-19.79	-19.33	-17.05	-18.78	-18.39	0.00	-14.00	-37.17	-41.09	-40.63	-38.35	-40.08	-39.69	
-87.5	-15.09	-19.54	-19.01	-16.53	-19.59	-18.42	0.00	-14.00	-36.39	-40.84	-40.31	-37.83	-40.89	-39.72	
-87.0	-15.28	-19.45	-18.75	-15.99	-20.76	-18.52	0.00	-14.00	-36.58	-40.75	-40.05	-37.29	-42.06	-39.82	
-86.5	-16.28	-19.81	-18.87	-15.75	-21.99	-19.07	0.00	-14.00	-37.58	-41.11	-40.17	-37.05	-43.29	-40.37	
-86.0	-17.31	-20.41	-19.42	-15.93	-22.94	-20.11	0.00	-14.00	-38.61	-41.71	-40.72	-37.23	-44.24	-41.41	
-85.5	-17.36	-20.67	-20.16	-16.33	-23.32	-21.25	0.00	-14.00	-38.66	-41.97	-41.46	-37.63	-44.62	-42.55	
-85.0	-16.50	-20.40	-20.85	-16.57	-22.81	-21.67	0.00	-14.00	-37.80	-41.70	-42.15	-37.87	-44.11	-42.97	
-84.5	-15.77	-20.05	-21.39	-16.57	-21.96	-21.10	0.00	-14.00	-37.07	-41.35	-42.69	-37.87	-43.26	-42.40	
-84.0	-15.82	-20.16	-21.67	-16.58	-21.51	-20.22	0.00	-14.00	-37.12	-41.46	-42.97	-37.88	-42.81	-41.52	
-83.5	-16.66	-20.77	-21.69	-16.81	-21.64	-19.75	0.00	-14.00	-37.96	-42.07	-42.99	-38.11	-42.94	-41.05	
-83.0	-17.85	-21.25	-21.67	-17.20	-21.99	-19.85	0.00	-14.00	-39.15	-42.55	-42.97	-38.50	-43.29	-41.15	
-82.5	-18.64	-20.88	-21.72	-17.60	-22.02	-20.22	0.00	-14.00	-39.94	-42.18	-43.02	-38.90	-43.32	-41.52	
-82.0	-18.64	-19.63	-21.53	-17.92	-21.35	-20.23	0.00	-14.00	-39.94	-40.93	-42.83	-39.22	-42.65	-41.53	
-81.5	-18.10	-18.14	-20.76	-18.16	-20.11	-19.52	0.00	-14.00	-39.40	-39.44	-42.06	-39.46	-41.41	-40.82	
-81.0	-17.44	-16.94	-19.50	-18.23	-18.76	-18.30	0.00	-14.00	-38.74	-38.24	-40.80	-39.53	-40.06	-39.60	
-80.5	-16.89	-16.08	-18.18	-18.04	-17.64	-17.02	0.00	-14.00	-38.19	-37.38	-39.48	-39.34	-38.94	-38.32	
-80.0	-16.57	-15.56	-17.06	-17.56	-16.80	-15.98	0.00	-14.00	-37.87	-36.86	-38.36	-38.86	-38.10	-37.28	
-79.5	-16.46	-15.46	-16.08	-16.88	-16.08	-15.28	0.00	-14.00	-37.76	-36.76	-37.38	-38.18	-37.38	-36.58	
-79.0	-16.42	-15.73	-15.10	-16.11	-15.39	-14.79	0.00	-14.00	-37.72	-37.03	-36.40	-37.41	-36.69	-36.09	
-78.5	-16.19	-15.98	-14.10	-15.38	-14.76	-14.20	0.00	-14.00	-37.49	-37.28	-35.40	-36.68	-36.06	-35.50	
-78.0	-15.55	-15.64	-13.18	-14.78	-14.29	-13.27	0.00	-14.00	-36.85	-36.94	-34.48	-36.08	-35.59	-34.57	
-77.5	-14.66	-14.81	-12.43	-14.33	-13.91	-12.16	0.00	-14.00	-35.96	-36.11	-33.73	-35.63	-35.21	-33.46	
-77.0	-13.89	-14.13	-11.89	-13.97	-13.47	-11.20	0.00	-14.00	-35.19	-35.43	-33.19	-35.27	-34.77	-32.50	
-76.5	-13.46	-13.86	-11.55	-13.65	-13.01	-10.59	0.00	-14.00	-34.76	-35.16	-32.85	-34.95	-34.31	-31.89	
-76.0	-13.20	-13.81	-11.40	-13.35	-12.83	-10.22	0.00	-14.00	-34.50	-35.11	-32.70	-34.65	-34.13	-31.52	
-75.5	-12.87	-13.76	-11.37	-13.14	-13.11	-9.87	0.00	-14.00	-34.17	-35.06	-32.67	-34.44	-34.41	-31.17	
-75.0	-12.51	-13.79	-11.20	-13.05	-13.60	-9.49	0.00	-14.00	-33.81	-35.09	-32.50	-34.35	-34.90	-30.79	
-74.5	-12.39	-13.93	-10.77	-13.03	-13.66	-9.25	0.00	-14.00	-33.69	-35.23	-32.07	-34.33	-34.96	-30.55	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-74.0	-12.59	-14.00	-10.16	-12.99	-13.23	-9.26	0.00	-14.00	-33.89	-35.30	-31.46	-34.29	-34.53	-30.56	
-73.5	-12.85	-13.93	-9.70	-12.91	-12.94	-9.44	0.00	-14.00	-34.15	-35.23	-31.00	-34.21	-34.24	-30.74	
-73.0	-12.79	-14.11	-9.62	-12.91	-13.22	-9.58	0.00	-14.00	-34.09	-35.41	-30.92	-34.21	-34.52	-30.88	
-72.5	-12.56	-14.91	-9.99	-13.10	-14.00	-9.66	0.00	-14.00	-33.86	-36.21	-31.29	-34.40	-35.30	-30.96	
-72.0	-12.57	-16.20	-10.69	-13.52	-14.86	-9.84	0.00	-14.00	-33.87	-37.50	-31.99	-34.82	-36.16	-31.14	
-71.5	-13.02	-17.40	-11.55	-14.22	-15.63	-10.31	0.00	-14.00	-34.32	-38.70	-32.85	-35.52	-36.93	-31.61	
-71.0	-13.74	-18.43	-12.52	-15.19	-16.55	-11.15	0.00	-14.00	-35.04	-39.73	-33.82	-36.49	-37.85	-32.45	
-70.5	-14.47	-19.75	-13.73	-16.21	-17.67	-12.40	0.00	-14.00	-35.77	-41.05	-35.03	-37.51	-38.97	-33.70	
-70.0	-15.22	-21.17	-15.35	-16.81	-19.03	-14.21	0.00	-14.00	-36.52	-42.47	-36.65	-38.11	-40.33	-35.51	
-69.5	-16.14	-22.04	-17.64	-16.87	-21.28	-16.83	0.00	-14.00	-37.44	-43.34	-38.94	-38.17	-42.58	-38.13	
-69.0	-17.11	-23.09	-21.09	-16.99	-25.72	-20.57	0.00	-14.00	-38.41	-44.39	-42.39	-38.29	-47.02	-41.87	
-68.5	-17.78	-25.38	-26.10	-17.77	-33.13	-24.92	0.00	-14.00	-39.08	-46.68	-47.40	-39.07	-54.43	-46.22	
-68.0	-18.28	-26.49	-27.75	-19.37	-29.89	-23.85	0.00	-14.00	-39.58	-47.79	-49.05	-40.67	-51.19	-45.15	
-67.5	-19.14	-23.49	-23.79	-21.51	-24.96	-19.88	0.00	-14.00	-40.44	-44.79	-45.09	-42.81	-46.26	-41.18	
-67.0	-20.68	-20.41	-20.26	-24.14	-21.14	-17.24	0.00	-14.00	-41.98	-41.71	-41.56	-45.44	-42.44	-38.54	
-66.5	-22.53	-18.18	-17.03	-27.68	-18.22	-15.45	0.00	-14.00	-43.83	-39.48	-38.33	-48.98	-39.52	-36.75	
-66.0	-23.23	-16.63	-14.42	-28.44	-16.33	-13.88	0.00	-14.00	-44.53	-37.93	-35.72	-49.74	-37.63	-35.18	
-65.5	-21.95	-15.64	-12.76	-24.71	-15.17	-12.55	0.00	-14.00	-43.25	-36.94	-34.06	-46.01	-36.47	-33.85	
-65.0	-19.96	-15.06	-11.86	-21.53	-14.30	-11.72	0.00	-14.00	-41.26	-36.36	-33.16	-42.83	-35.60	-33.02	
-64.5	-18.16	-14.73	-11.24	-19.15	-13.67	-11.30	0.00	-14.00	-39.46	-36.03	-32.54	-40.45	-34.97	-32.60	
-64.0	-16.74	-14.56	-10.67	-17.50	-13.38	-10.97	0.00	-14.00	-38.04	-35.86	-31.97	-38.80	-34.68	-32.27	
-63.5	-15.79	-14.49	-10.48	-16.60	-13.30	-10.68	0.00	-14.00	-37.09	-35.79	-31.78	-37.90	-34.60	-31.98	
-63.0	-15.32	-14.44	-11.07	-16.23	-13.18	-10.87	0.00	-14.00	-36.62	-35.74	-32.37	-37.53	-34.48	-32.17	
-62.5	-15.28	-14.55	-12.55	-16.09	-13.23	-11.89	0.00	-14.00	-36.58	-35.85	-33.85	-37.39	-34.53	-33.19	
-62.0	-15.58	-15.13	-14.63	-16.17	-14.04	-13.57	0.00	-14.00	-36.88	-36.43	-35.93	-37.47	-35.34	-34.87	
-61.5	-16.19	-16.38	-16.89	-16.72	-15.97	-15.25	0.00	-14.00	-37.49	-37.68	-38.19	-38.02	-37.27	-36.55	
-61.0	-17.07	-18.54	-19.49	-17.89	-19.02	-16.89	0.00	-14.00	-38.37	-39.84	-40.79	-39.19	-40.32	-38.19	
-60.5	-18.15	-22.49	-23.42	-19.69	-23.03	-19.49	0.00	-14.00	-39.45	-43.79	-44.72	-40.99	-44.33	-40.79	
-60.0	-19.16	-32.45	-28.67	-21.80	-29.41	-23.43	0.00	-14.00	-40.46	-53.75	-49.97	-43.10	-50.71	-44.73	
-59.5	-19.69	-31.38	-25.70	-22.69	-31.08	-23.56	0.00	-14.00	-40.99	-52.68	-47.00	-43.99	-52.38	-44.86	
-59.0	-19.47	-23.62	-20.80	-21.08	-23.08	-19.37	0.00	-14.00	-40.77	-44.92	-42.10	-42.38	-44.38	-40.67	
-58.5	-18.51	-20.73	-17.67	-18.54	-19.24	-15.97	0.00	-14.00	-39.81	-42.03	-38.97	-39.84	-40.54	-37.27	
-58.0	-16.92	-18.82	-15.67	-16.30	-17.30	-13.69	0.00	-14.00	-38.22	-40.12	-36.97	-37.60	-38.60	-34.99	
-57.5	-15.16	-17.36	-14.45	-14.89	-16.28	-12.36	0.00	-14.00	-36.46	-38.66	-35.75	-36.19	-37.58	-33.66	
-57.0	-13.86	-16.65	-13.87	-14.48	-15.78	-11.81	0.00	-14.00	-35.16	-37.95	-35.17	-35.78	-37.08	-33.11	
-56.5	-13.35	-16.56	-13.68	-14.59	-15.66	-11.81	0.00	-14.00	-34.65	-37.86	-34.98	-35.89	-36.96	-33.11	
-56.0	-13.56	-16.60	-13.58	-14.43	-15.84	-12.22	0.00	-14.00	-34.86	-37.90	-34.88	-35.73	-37.14	-33.52	
-55.5	-14.24	-16.63	-13.49	-14.32	-16.24	-12.96	0.00	-14.00	-35.54	-37.93	-34.79	-35.62	-37.54	-34.26	
-55.0	-15.63	-16.83	-13.67	-15.41	-16.77	-13.88	0.00	-14.00	-36.93	-38.13	-34.97	-36.71	-38.07	-35.18	
-54.5	-18.62	-17.22	-14.26	-18.56	-17.40	-14.80	0.00	-14.00	-39.92	-38.52	-35.56	-39.86	-38.70	-36.10	
-54.0	-25.08	-17.78	-15.09	-23.99	-18.22	-15.55	0.00	-14.00	-46.38	-39.08	-36.39	-45.29	-39.52	-36.85	
-53.5	-31.57	-18.60	-15.87	-28.00	-19.26	-16.10	0.00	-14.00	-52.87	-39.90	-37.17	-49.30	-40.56	-37.40	
-53.0	-21.72	-19.87	-16.59	-24.11	-20.34	-16.66	0.00	-14.00	-43.02	-41.17	-37.89	-45.41	-41.64	-37.96	
-52.5	-16.66	-21.10	-17.50	-19.04	-21.23	-17.62	0.00	-14.00	-37.96	-42.40	-38.80	-40.34	-42.53	-38.92	
-52.0	-13.91	-20.92	-18.82	-16.20	-22.31	-19.32	0.00	-14.00	-35.21	-42.22	-40.12	-37.50	-43.61	-40.62	
-51.5	-12.78	-20.40	-20.55	-15.11	-24.00	-21.90	0.00	-14.00	-34.08	-41.70	-41.85	-36.41	-45.30	-43.20	
-51.0	-12.36	-21.71	-22.66	-14.00	-24.83	-24.83	0.00	-14.00	-33.66	-43.01	-43.96	-35.30	-46.13	-46.13	
-50.5	-11.66	-24.50	-23.71	-12.21	-22.51	-24.97	0.00	-14.00	-32.96	-45.80	-45.01	-33.51	-43.81	-46.27	
-50.0	-10.97	-20.89	-21.33	-11.16	-18.99	-21.58	0.00	-14.00	-32.27	-42.19	-42.63	-32.46	-40.29	-42.88	
-49.5	-11.13	-16.37	-18.08	-11.43	-16.01	-18.01	0.00	-14.00	-32.43	-37.67	-39.38	-32.73	-37.31	-39.31	
-49.0	-12.17	-14.16	-14.98	-12.40	-14.23	-14.98	0.00	-14.00	-33.47	-35.46	-36.28	-33.70	-35.53	-36.28	
-48.5	-13.34	-13.71	-12.39	-13.01	-13.83	-12.61	0.00	-14.00	-34.64	-35.01	-33.69	-34.31	-35.13	-33.91	
-48.0	-14.34	-14.10	-10.97	-13.40	-14.27	-11.19	0.00	-14.00	-35.64	-35.40	-32.27	-34.70	-35.57	-32.49	
-47.5	-15.77	-13.70	-10.81	-14.26	-14.07	-10.89	0.00	-14.00	-37.07	-35.00	-32.11	-35.56	-35.37	-32.19	

Table 1 Az Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-47.0	-17.68	-12.46	-11.41	-15.61	-13.08	-11.59	0.00	-14.00	-38.98	-33.76	-32.71	-36.91	-34.38	-32.89	
-46.5	-19.54	-11.84	-12.01	-17.82	-12.64	-12.68	0.00	-14.00	-40.84	-33.14	-33.31	-39.12	-33.94	-33.98	
-46.0	-21.88	-12.39	-12.76	-22.21	-13.18	-13.49	0.00	-14.00	-43.18	-33.69	-34.06	-43.51	-34.48	-34.79	
-45.5	-23.06	-13.95	-14.46	-28.65	-14.50	-14.39	0.00	-14.00	-44.36	-35.25	-35.76	-49.95	-35.80	-35.69	
-45.0	-20.42	-16.22	-17.49	-25.13	-16.56	-16.41	0.00	-14.00	-41.72	-37.52	-38.79	-46.43	-37.86	-37.71	
-44.5	-18.65	-18.83	-22.31	-23.07	-19.09	-20.71	0.00	-14.00	-39.95	-40.13	-43.61	-44.37	-40.39	-42.01	
-44.0	-18.98	-21.34	-28.36	-23.78	-21.33	-30.05	0.00	-14.00	-40.28	-42.64	-49.66	-45.08	-42.63	-51.35	
-43.5	-20.31	-24.90	-24.39	-22.73	-25.00	-27.93	0.00	-14.00	-41.61	-46.20	-45.69	-44.03	-46.30	-49.23	
-43.0	-18.86	-30.53	-22.18	-18.34	-32.70	-24.22	0.00	-14.00	-40.16	-51.83	-43.48	-39.64	-54.00	-45.52	
-42.5	-15.53	-25.27	-23.10	-14.88	-25.24	-24.70	0.00	-14.00	-36.83	-46.57	-44.40	-36.18	-46.54	-46.00	
-42.0	-13.31	-22.18	-22.61	-12.89	-22.09	-23.85	0.00	-14.00	-34.61	-43.48	-43.91	-34.19	-43.39	-45.15	
-41.5	-12.53	-22.23	-20.43	-12.09	-22.47	-21.50	0.00	-14.00	-33.83	-43.53	-41.73	-33.39	-43.77	-42.80	
-41.0	-12.97	-23.09	-19.68	-12.21	-23.80	-20.86	0.00	-14.00	-34.27	-44.39	-40.98	-33.51	-45.10	-42.16	
-40.5	-13.95	-22.54	-19.10	-12.75	-23.67	-20.93	0.00	-14.00	-35.25	-43.84	-40.40	-34.05	-44.97	-42.23	
-40.0	-14.04	-19.96	-17.50	-12.78	-21.40	-19.79	0.00	-14.00	-35.34	-41.26	-38.80	-34.08	-42.70	-41.09	
-39.5	-13.20	-16.83	-16.08	-12.27	-18.34	-18.06	0.00	-14.00	-34.50	-38.13	-37.38	-33.57	-39.64	-39.36	
-39.0	-13.01	-14.69	-15.20	-12.23	-16.11	-16.41	0.00	-14.00	-34.31	-35.99	-36.50	-33.53	-37.41	-37.71	
-38.5	-14.10	-13.73	-14.44	-13.23	-14.94	-14.88	0.00	-14.00	-35.40	-35.03	-35.74	-34.53	-36.24	-36.18	
-38.0	-16.23	-13.67	-13.80	-15.07	-14.65	-13.76	0.00	-14.00	-37.53	-34.97	-35.10	-36.37	-35.95	-35.06	
-37.5	-18.88	-14.36	-13.71	-17.42	-15.28	-13.29	0.00	-14.00	-40.18	-35.66	-35.01	-38.72	-36.58	-34.59	
-37.0	-21.00	-15.69	-14.32	-19.98	-16.83	-13.52	0.00	-14.00	-42.30	-36.99	-35.62	-41.28	-38.13	-34.82	
-36.5	-20.38	-17.34	-15.23	-21.05	-18.90	-14.25	0.00	-14.00	-41.68	-38.64	-36.53	-42.35	-40.20	-35.55	
-36.0	-19.30	-18.83	-15.65	-20.44	-20.64	-14.93	0.00	-14.00	-40.60	-40.13	-36.95	-41.74	-41.94	-36.23	
-35.5	-20.31	-20.08	-15.40	-21.41	-21.63	-15.11	0.00	-14.00	-41.61	-41.38	-36.70	-42.71	-42.93	-36.41	
-35.0	-24.60	-21.57	-15.38	-26.80	-22.33	-15.10	0.00	-14.00	-45.90	-42.87	-36.68	-48.10	-43.63	-36.40	
-34.5	-41.69	-23.33	-16.47	-33.84	-22.73	-15.75	0.00	-14.00	-62.99	-44.63	-37.77	-55.14	-44.03	-37.05	
-34.0	-26.29	-24.01	-18.87	-22.11	-22.12	-17.58	0.00	-14.00	-47.59	-45.31	-40.17	-43.41	-43.42	-38.88	
-33.5	-19.97	-24.94	-22.21	-17.90	-22.16	-20.13	0.00	-14.00	-41.27	-46.24	-43.51	-39.20	-43.46	-41.43	
-33.0	-17.46	-25.34	-27.95	-15.94	-23.41	-22.90	0.00	-14.00	-38.76	-46.64	-49.25	-37.24	-44.71	-44.20	
-32.5	-17.00	-20.01	-32.81	-15.15	-20.97	-25.89	0.00	-14.00	-38.30	-41.31	-54.11	-36.45	-42.27	-47.19	
-32.0	-17.75	-16.96	-22.44	-15.20	-18.27	-20.80	0.00	-14.00	-39.05	-38.26	-43.74	-36.50	-39.57	-42.10	
-31.5	-18.56	-17.40	-18.98	-15.64	-18.90	-16.81	0.00	-14.00	-39.86	-38.70	-40.28	-36.94	-40.20	-38.11	
-31.0	-17.95	-21.47	-18.67	-15.67	-24.12	-16.14	0.00	-14.00	-39.25	-42.77	-39.97	-36.97	-45.42	-37.44	
-30.5	-15.62	-27.64	-20.29	-14.51	-33.42	-17.77	0.00	-14.00	-36.92	-48.94	-41.59	-35.81	-54.72	-39.07	
-30.0	-12.77	-27.50	-22.46	-12.37	-30.59	-19.77	0.00	-14.00	-34.07	-48.80	-43.76	-33.67	-51.89	-41.07	
-29.5	-10.69	-23.43	-23.60	-10.50	-29.71	-20.96	0.00	-14.00	-31.99	-44.73	-44.90	-31.80	-51.01	-42.26	
-29.0	-9.95	-19.14	-20.92	-9.84	-23.69	-20.30	0.00	-14.00	-31.25	-40.44	-42.22	-31.14	-44.99	-41.60	
-28.5	-10.53	-17.69	-17.39	-10.58	-22.36	-17.30	0.00	-14.00	-31.83	-38.99	-38.69	-31.88	-43.66	-38.60	
-28.0	-11.77	-17.62	-16.05	-12.22	-21.44	-15.64	0.00	-14.00	-33.07	-38.92	-37.35	-33.52	-42.74	-36.94	
-27.5	-12.64	-15.93	-16.37	-13.60	-16.47	-15.49	0.00	-14.00	-33.94	-37.23	-37.67	-34.90	-37.77	-36.79	
-27.0	-12.53	-14.44	-16.55	-13.62	-13.85	-15.39	0.00	-14.00	-33.83	-35.74	-37.85	-34.92	-35.15	-36.69	
-26.5	-11.45	-15.15	-16.80	-12.31	-14.16	-15.62	0.00	-14.00	-32.75	-36.45	-38.10	-33.61	-35.46	-36.92	
-26.0	-10.51	-17.67	-18.19	-11.16	-16.33	-17.07	0.00	-14.00	-31.81	-38.97	-39.49	-32.46	-37.63	-38.37	
-25.5	-10.44	-18.49	-17.93	-11.02	-17.08	-17.00	0.00	-14.00	-31.74	-39.79	-39.23	-32.32	-38.38	-38.30	
-25.0	-10.37	-14.82	-15.65	-11.21	-13.76	-14.66	0.00	-14.00	-31.67	-36.12	-36.95	-32.51	-35.06	-35.96	
-24.5	-9.53	-10.32	-12.88	-10.72	-9.62	-12.27	0.00	-14.00	-30.83	-31.62	-34.18	-32.02	-30.92	-33.57	
-24.0	-8.99	-7.53	-9.96	-10.32	-7.09	-9.61	0.00	-14.00	-30.29	-28.83	-31.26	-31.62	-28.39	-30.91	
-23.5	-9.36	-6.86	-8.28	-10.73	-6.53	-7.71	0.00	-14.00	-30.66	-28.16	-29.58	-32.03	-27.83	-29.01	
-23.0	-10.09	-8.09	-8.26	-11.45	-7.64	-7.39	0.00	-14.00	-31.39	-29.39	-29.56	-32.75	-28.94	-28.69	
-22.5	-10.27	-10.26	-9.30	-11.43	-9.47	-8.38	0.00	-14.00	-31.57	-31.56	-30.60	-32.73	-30.77	-29.68	
-22.0	-9.61	-11.05	-9.89	-10.42	-10.04	-9.28	0.00	-14.00	-30.91	-32.35	-31.19	-31.72	-31.34	-30.58	
-21.5	-8.54	-9.29	-9.00	-9.14	-8.47	-8.72	0.00	-14.00	-29.84	-30.59	-30.30	-30.44	-29.77	-30.02	
-21.0	-7.93	-7.19	-7.48	-8.47	-6.57	-7.21	0.00	-14.00	-29.23	-28.49	-28.78	-29.77	-27.87	-28.51	
-20.5	-8.28	-6.51	-6.41	-8.72	-5.91	-6.01	0.00	-14.00	-29.58	-27.81	-27.71	-30.02	-27.21	-27.31	

Table 1 Az Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00	14.25	14.50	14.00	14.25	14.50	FCC	FCC	14.00	14.25	14.50	14.00	14.25	14.50	
Off-Axis Angle	GHz (VV)	GHz (VV)	GHz (VV)	GHz (HH)	GHz (HH)	GHz (HH)	§25.209 (a)(2)	§25.218 (f)(1)	GHz (VV)	GHz (VV)	GHz (VV)	GHz (HH)	GHz (HH)	GHz (HH)	
-20.0	-9.22	-7.63	-6.50	-9.37	-6.87	-6.08	0.00	-14.00	-30.52	-28.93	-27.80	-30.67	-28.17	-27.38	
-19.5	-9.57	-9.94	-8.01	-9.31	-9.02	-7.64	0.00	-14.00	-30.87	-31.24	-29.31	-30.61	-30.32	-28.94	
-19.0	-8.61	-11.44	-10.15	-8.07	-10.58	-9.75	0.03	-13.97	-29.91	-32.74	-31.45	-29.37	-31.88	-31.05	
-18.5	-7.05	-10.34	-10.74	-6.53	-9.62	-10.17	0.32	-13.68	-28.35	-31.64	-32.04	-27.83	-30.92	-31.47	
-18.0	-5.86	-8.10	-8.99	-5.41	-7.39	-8.29	0.62	-13.38	-27.16	-29.40	-30.29	-26.71	-28.69	-29.59	
-17.5	-5.34	-6.86	-6.64	-4.81	-6.08	-6.22	0.92	-13.08	-26.64	-28.16	-27.94	-26.11	-27.38	-27.52	
-17.0	-5.29	-7.20	-5.55	-4.58	-6.51	-5.45	1.24	-12.76	-26.59	-28.50	-26.85	-25.88	-27.81	-26.75	
-16.5	-5.55	-8.47	-6.04	-4.72	-8.27	-6.03	1.56	-12.44	-26.85	-29.77	-27.34	-26.02	-29.57	-27.33	
-16.0	-5.81	-9.69	-7.21	-4.98	-9.88	-7.17	1.90	-12.10	-27.11	-30.99	-28.51	-26.28	-31.18	-28.47	
-15.5	-5.62	-10.96	-8.17	-4.85	-10.92	-8.33	2.24	-11.76	-26.92	-32.26	-29.47	-26.15	-32.22	-29.63	
-15.0	-5.11	-11.68	-8.82	-4.36	-11.18	-9.16	2.60	-11.40	-26.41	-32.98	-30.12	-25.66	-32.48	-30.46	
-14.5	-4.00	-10.52	-8.50	-3.35	-9.81	-8.72	2.97	-11.03	-25.30	-31.82	-29.80	-24.65	-31.11	-30.02	
-14.0	-2.32	-8.28	-7.61	-1.94	-7.84	-7.38	3.35	-10.65	-23.62	-29.58	-28.91	-23.24	-29.14	-28.68	
-13.5	-1.52	-5.25	-5.70	-1.32	-4.98	-5.43	3.74	-10.26	-22.82	-26.55	-27.00	-22.62	-26.28	-26.73	
-13.0	-2.47	-2.51	-3.24	-2.18	-2.26	-3.44	4.15	-9.85	-23.77	-23.81	-24.54	-23.48	-23.56	-24.74	
-12.5	-4.73	-0.89	-2.03	-4.00	-0.76	-2.27	4.58	-9.42	-26.03	-22.19	-23.33	-25.30	-22.06	-23.57	
-12.0	-5.76	-0.38	-2.17	-4.68	-0.39	-1.83	5.02	-8.98	-27.06	-21.68	-23.47	-25.98	-21.69	-23.13	
-11.5	-3.63	-0.46	-2.47	-2.79	-0.49	-1.49	5.48	-8.52	-24.93	-21.76	-23.77	-24.09	-21.79	-22.79	
-11.0	-0.73	-0.34	-1.78	-0.19	-0.21	-0.82	5.97	-8.03	-22.03	-21.64	-23.08	-21.49	-21.51	-22.12	
-10.5	0.78	0.49	-0.40	1.25	0.79	0.07	6.47	-7.53	-20.52	-20.81	-21.70	-20.05	-20.51	-21.23	
-10.0	0.50	1.71	0.69	1.20	2.04	0.94	7.00	-7.00	-20.80	-19.59	-20.61	-20.10	-19.26	-20.36	
-9.5	-0.02	2.62	1.28	0.86	3.00	2.05	7.56	-6.44	-21.32	-18.68	-20.02	-20.44	-18.30	-19.25	
-9.0	1.17	2.55	2.20	1.67	3.28	3.62	8.00	-6.00	-20.13	-18.75	-19.10	-19.63	-18.02	-17.68	
-8.5	2.11	0.94	3.40	2.44	2.45	4.83	8.00	-6.00	-19.19	-20.36	-17.90	-18.86	-18.85	-16.47	
-8.0	1.97	-2.89	3.93	2.59	-0.14	5.05	8.00	-6.00	-19.33	-24.19	-17.37	-18.71	-21.44	-16.25	
-7.5	2.85	-10.17	3.88	3.68	-5.48	4.54	8.00	-6.00	-18.45	-31.47	-17.42	-17.62	-26.78	-16.76	
-7.0	5.32	-22.97	4.18	5.88	-16.50	4.11	7.87	-6.13	-15.98	-44.27	-17.12	-15.42	-37.80	-17.19	
-6.5	7.22	-19.54	4.75	7.40	-12.14	4.10	8.68	-5.32	-14.08	-40.84	-16.55	-13.90	-33.44	-17.20	
-6.0	7.47	-17.30	4.83	7.16	-5.90	4.02	9.55	-4.45	-13.83	-38.60	-16.47	-14.14	-27.20	-17.28	
-5.5	5.47	-7.86	4.60	4.28	-5.12	3.85	10.49	-3.51	-15.83	-29.16	-16.70	-17.02	-26.42	-17.45	
-5.0	4.95	3.84	6.53	3.59	-0.88	6.11	11.53	-2.47	-16.35	-17.46	-14.77	-17.71	-22.18	-15.19	
-4.5	11.73	11.39	11.39	11.42	9.21	11.26	12.67	-1.33	-9.57	-9.91	-9.91	-9.88	-12.09	-10.04	
-4.0	16.78	16.23	15.66	16.60	15.30	15.52	13.95	-0.05	-4.52	-5.07	-5.64	-4.70	-6.00	-5.78	
-3.5	19.19	18.57	17.78	18.99	18.19	17.50	15.40	1.40	-2.11	-2.73	-3.52	-2.31	-3.11	-3.80	
-3.0	18.00	17.45	16.15	17.65	17.30	15.44	17.07	3.07	-3.30	-3.85	-5.15	-3.65	-4.00	-5.86	
-2.5	3.66	13.22	9.84	-4.78	12.80	8.19	19.05	5.05	-17.64	-8.08	-11.46	-26.08	-8.50	-13.11	
-2.0	23.46	24.68	24.50	23.66	24.68	24.71	21.47	7.47	2.16	3.38	3.20	2.36	3.38	3.41	
-1.5	31.23	31.64	31.62	31.33	31.71	31.76	24.60	10.60	9.93	10.34	10.32	10.03	10.41	10.46	
-1.0	35.50	35.71	35.75	35.56	35.79	35.84			14.20	14.41	14.45	14.26	14.49	14.54	
-0.5	37.79	37.91	38.00	37.82	38.00	38.06			16.49	16.61	16.70	16.52	16.70	16.76	
0.0	38.52	38.62	38.72	38.54	38.70	38.77			17.22	17.32	17.42	17.24	17.40	17.47	
0.5	37.80	37.93	38.02	37.82	37.99	38.05			16.50	16.63	16.72	16.52	16.69	16.75	
1.0	35.56	35.77	35.83	35.59	35.80	35.85			14.26	14.47	14.53	14.29	14.50	14.55	
1.5	31.41	31.85	31.85	31.46	31.83	31.87	24.60	10.60	10.11	10.55	10.55	10.16	10.53	10.57	
2.0	24.05	25.32	25.13	24.19	25.17	25.16	21.47	7.47	2.75	4.02	3.83	2.89	3.87	3.86	
2.5	-1.60	14.52	10.29	0.68	13.17	10.25	19.05	5.05	-22.90	-6.78	-11.01	-20.62	-8.13	-11.05	
3.0	17.01	16.41	15.26	16.57	15.36	14.30	17.07	3.07	-4.29	-4.89	-6.04	-4.73	-5.94	-7.00	
3.5	19.12	18.06	18.25	18.81	17.15	17.46	15.40	1.40	-2.18	-3.24	-3.05	-2.49	-4.15	-3.84	
4.0	17.55	16.18	17.14	17.32	15.09	16.33	13.95	-0.05	-3.75	-5.12	-4.16	-3.98	-6.21	-4.97	
4.5	13.63	11.79	13.92	13.56	10.49	13.20	12.67	-1.33	-7.67	-9.51	-7.38	-7.74	-10.81	-8.10	
5.0	7.89	4.68	9.75	8.14	3.33	9.44	11.53	-2.47	-13.41	-16.62	-11.55	-13.16	-17.97	-11.86	
5.5	6.05	-6.16	6.71	6.47	-6.59	6.87	10.49	-3.51	-15.25	-27.46	-14.59	-14.83	-27.89	-14.43	
6.0	7.31	-14.10	5.47	7.84	-12.07	5.52	9.55	-4.45	-13.99	-35.40	-15.83	-13.46	-33.37	-15.78	
6.5	6.61	-9.79	4.88	7.33	-8.93	4.46	8.68	-5.32	-14.69	-31.09	-16.42	-13.97	-30.23	-16.84	

Table 1 Az Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
7.0	4.24	-6.53	4.33	5.12	-6.99	3.74	7.87	-6.13	-17.06	-27.83	-16.97	-16.18	-28.29	-17.56	
7.5	1.60	-3.79	4.07	2.64	-4.05	3.91	8.00	-6.00	-19.70	-25.09	-17.23	-18.66	-25.35	-17.39	
8.0	0.98	-0.36	4.27	1.79	0.29	4.47	8.00	-6.00	-20.32	-21.66	-17.03	-19.51	-21.01	-16.83	
8.5	1.21	1.82	3.86	1.78	2.82	4.09	8.00	-6.00	-20.09	-19.48	-17.44	-19.52	-18.48	-17.21	
9.0	0.37	2.32	2.54	1.13	3.36	2.51	8.00	-6.00	-20.93	-18.98	-18.76	-20.17	-17.94	-18.79	
9.5	-0.10	1.79	1.51	0.61	2.57	1.06	7.56	-6.44	-21.40	-19.51	-19.79	-20.69	-18.73	-20.24	
10.0	1.11	1.13	1.20	1.26	1.49	0.74	7.00	-7.00	-20.19	-20.17	-20.10	-20.04	-19.81	-20.56	
10.5	1.48	0.68	0.50	1.52	0.92	0.46	6.47	-7.53	-19.82	-20.62	-20.80	-19.78	-20.38	-20.84	
11.0	0.02	0.49	-0.60	0.37	0.96	-0.08	5.97	-8.03	-21.28	-20.81	-21.90	-20.93	-20.34	-21.38	
11.5	-2.56	0.54	-1.43	-1.71	1.28	-0.64	5.48	-8.52	-23.86	-20.76	-22.73	-23.01	-20.02	-21.94	
12.0	-4.25	0.39	-1.85	-3.26	1.21	-1.24	5.02	-8.98	-25.55	-20.91	-23.15	-24.56	-20.09	-22.54	
12.5	-3.35	-0.51	-2.36	-2.93	0.22	-1.96	4.58	-9.42	-24.65	-21.81	-23.66	-24.23	-21.08	-23.26	
13.0	-1.38	-2.33	-3.66	-1.39	-1.73	-3.05	4.15	-9.85	-22.68	-23.63	-24.96	-22.69	-23.03	-24.35	
13.5	-0.55	-4.72	-5.64	-0.59	-4.00	-4.62	3.74	-10.26	-21.85	-26.02	-26.94	-21.89	-25.30	-25.92	
14.0	-1.28	-6.78	-7.48	-1.24	-5.81	-6.47	3.35	-10.65	-22.58	-28.08	-28.78	-22.54	-27.11	-27.77	
14.5	-2.85	-8.25	-9.24	-2.90	-7.16	-8.35	2.97	-11.03	-24.15	-29.55	-30.54	-24.20	-28.46	-29.65	
15.0	-4.26	-8.98	-10.47	-4.53	-7.76	-9.29	2.60	-11.40	-25.56	-30.28	-31.77	-25.83	-29.06	-30.59	
15.5	-5.22	-8.93	-10.50	-5.49	-7.77	-9.02	2.24	-11.76	-26.52	-30.23	-31.80	-26.79	-29.07	-30.32	
16.0	-5.47	-8.87	-9.23	-5.61	-8.03	-7.90	1.90	-12.10	-26.77	-30.17	-30.53	-26.91	-29.33	-29.20	
16.5	-5.07	-7.95	-7.09	-5.18	-7.68	-6.27	1.56	-12.44	-26.37	-29.25	-28.39	-26.48	-28.98	-27.57	
17.0	-4.66	-6.42	-6.20	-4.89	-6.49	-5.71	1.24	-12.76	-25.96	-27.72	-27.50	-26.19	-27.79	-27.01	
17.5	-4.48	-5.94	-7.06	-4.85	-6.11	-6.82	0.92	-13.08	-25.78	-27.24	-28.36	-26.15	-27.41	-28.12	
18.0	-4.76	-6.75	-8.59	-5.10	-6.95	-8.62	0.62	-13.38	-26.06	-28.05	-29.89	-26.40	-28.25	-29.92	
18.5	-5.65	-7.85	-9.00	-5.85	-8.06	-9.01	0.32	-13.68	-26.95	-29.15	-30.30	-27.15	-29.36	-30.31	
19.0	-6.76	-7.79	-7.87	-6.88	-8.03	-7.45	0.03	-13.97	-28.06	-29.09	-29.17	-28.18	-29.33	-28.75	
19.5	-7.29	-6.51	-6.46	-7.39	-6.80	-5.73	0.00	-14.00	-28.59	-27.81	-27.76	-28.69	-28.10	-27.03	
20.0	-7.03	-5.32	-6.07	-7.07	-5.56	-5.35	0.00	-14.00	-28.33	-26.62	-27.37	-28.37	-26.86	-26.65	
20.5	-6.81	-5.30	-7.02	-6.73	-5.42	-6.63	0.00	-14.00	-28.11	-26.60	-28.32	-28.03	-26.72	-27.93	
21.0	-7.48	-6.93	-8.82	-7.24	-6.94	-8.95	0.00	-14.00	-28.78	-28.23	-30.12	-28.54	-28.24	-30.25	
21.5	-9.07	-10.04	-10.77	-8.74	-10.05	-11.15	0.00	-14.00	-30.37	-31.34	-32.07	-30.04	-31.35	-32.45	
22.0	-10.85	-13.00	-12.32	-10.51	-13.15	-12.38	0.00	-14.00	-32.15	-34.30	-33.62	-31.81	-34.45	-33.68	
22.5	-12.40	-12.74	-12.35	-11.86	-12.97	-11.53	0.00	-14.00	-33.70	-34.04	-33.65	-33.16	-34.27	-32.83	
23.0	-13.60	-10.37	-11.35	-12.75	-10.52	-10.18	0.00	-14.00	-34.90	-31.67	-32.65	-34.05	-31.82	-31.48	
23.5	-13.68	-8.89	-11.39	-12.67	-8.89	-10.33	0.00	-14.00	-34.98	-30.19	-32.69	-33.97	-30.19	-31.63	
24.0	-13.16	-9.35	-12.89	-12.09	-9.26	-12.07	0.00	-14.00	-34.46	-30.65	-34.19	-33.39	-30.56	-33.37	
24.5	-12.62	-11.74	-14.49	-11.54	-11.66	-14.16	0.00	-14.00	-33.92	-33.04	-35.79	-32.84	-32.96	-35.46	
25.0	-11.72	-14.80	-15.18	-10.69	-15.00	-15.63	0.00	-14.00	-33.02	-36.10	-36.48	-31.99	-36.30	-36.93	
25.5	-11.12	-15.66	-15.39	-10.08	-16.23	-16.19	0.00	-14.00	-32.42	-36.96	-36.69	-31.38	-37.53	-37.49	
26.0	-11.62	-13.87	-14.76	-10.43	-14.48	-15.14	0.00	-14.00	-32.92	-35.17	-36.06	-31.73	-35.78	-36.44	
26.5	-13.02	-12.50	-14.72	-11.52	-12.96	-15.12	0.00	-14.00	-34.32	-33.80	-36.02	-32.82	-34.26	-36.42	
27.0	-14.07	-13.39	-15.22	-12.31	-13.73	-16.50	0.00	-14.00	-35.37	-34.69	-36.52	-33.61	-35.03	-37.80	
27.5	-13.96	-17.10	-14.58	-12.13	-17.43	-16.21	0.00	-14.00	-35.26	-38.40	-35.88	-33.43	-38.73	-37.51	
28.0	-13.03	-21.56	-14.83	-11.29	-21.94	-16.32	0.00	-14.00	-34.33	-42.86	-36.13	-32.59	-43.24	-37.62	
28.5	-11.81	-23.27	-18.08	-10.38	-22.93	-20.42	0.00	-14.00	-33.11	-44.57	-39.38	-31.68	-44.23	-41.72	
29.0	-11.30	-30.33	-24.45	-10.19	-27.26	-30.85	0.00	-14.00	-32.60	-51.63	-45.75	-31.49	-48.56	-52.15	
29.5	-12.21	-33.08	-25.09	-11.28	-46.83	-26.92	0.00	-14.00	-33.51	-54.38	-46.39	-32.58	-68.13	-48.22	
30.0	-14.61	-27.46	-20.37	-13.69	-40.00	-22.83	0.00	-14.00	-35.91	-48.76	-41.67	-34.99	-61.30	-44.13	
30.5	-17.62	-30.70	-16.53	-16.65	-29.21	-18.30	0.00	-14.00	-38.92	-52.00	-37.83	-37.95	-50.51	-39.60	
31.0	-19.18	-24.11	-15.22	-18.50	-21.71	-16.68	0.00	-14.00	-40.48	-45.41	-36.52	-39.80	-43.01	-37.98	
31.5	-18.74	-20.27	-16.41	-18.60	-19.16	-18.36	0.00	-14.00	-40.04	-41.57	-37.71	-39.90	-40.46	-39.66	
32.0	-17.60	-21.23	-19.54	-18.03	-20.20	-22.93	0.00	-14.00	-38.90	-42.53	-40.84	-39.33	-41.50	-44.23	
32.5	-17.41	-29.29	-22.39	-18.39	-25.78	-25.93	0.00	-14.00	-38.71	-50.59	-43.69	-39.69	-47.08	-47.23	
33.0	-19.08	-28.84	-21.23	-20.55	-39.03	-22.64	0.00	-14.00	-40.38	-50.14	-42.53	-41.85	-60.33	-43.94	
33.5	-23.06	-21.63	-18.21	-24.83	-26.77	-19.13	0.00	-14.00	-44.36	-42.93	-39.51	-46.13	-48.07	-40.43	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
34.0	-31.34	-20.52	-15.51	-31.14	-25.00	-16.76	0.00	-14.00	-52.64	-41.82	-36.81	-52.44	-46.30	-38.06	
34.5	-32.98	-21.74	-13.79	-27.37	-24.93	-15.49	0.00	-14.00	-54.28	-43.04	-35.09	-48.67	-46.23	-36.79	
35.0	-24.38	-22.27	-13.38	-22.64	-23.07	-15.24	0.00	-14.00	-45.68	-43.57	-34.68	-43.94	-44.37	-36.54	
35.5	-22.09	-21.12	-14.16	-21.74	-21.37	-15.70	0.00	-14.00	-43.39	-42.42	-35.46	-43.04	-42.67	-37.00	
36.0	-22.80	-19.68	-15.38	-23.73	-20.05	-16.12	0.00	-14.00	-44.10	-40.98	-36.68	-45.03	-41.35	-37.42	
36.5	-22.88	-18.11	-15.74	-24.29	-18.27	-15.91	0.00	-14.00	-44.18	-39.41	-37.04	-45.59	-39.57	-37.21	
37.0	-20.68	-16.61	-14.89	-21.38	-16.47	-15.14	0.00	-14.00	-41.98	-37.91	-36.19	-42.68	-37.77	-36.44	
37.5	-19.04	-15.42	-14.12	-19.24	-15.09	-14.43	0.00	-14.00	-40.34	-36.72	-35.42	-40.54	-36.39	-35.73	
38.0	-17.40	-14.84	-14.49	-17.27	-14.37	-14.62	0.00	-14.00	-38.70	-36.14	-35.79	-38.57	-35.67	-35.92	
38.5	-15.33	-15.32	-15.92	-15.19	-14.76	-15.94	0.00	-14.00	-36.63	-36.62	-37.22	-36.49	-36.06	-37.24	
39.0	-13.89	-17.27	-17.25	-13.71	-16.59	-17.77	0.00	-14.00	-35.19	-38.57	-38.55	-35.01	-37.89	-39.07	
39.5	-13.48	-20.75	-18.00	-13.16	-19.75	-19.41	0.00	-14.00	-34.78	-42.05	-39.30	-34.46	-41.05	-40.71	
40.0	-13.67	-24.32	-18.73	-13.35	-22.69	-20.53	0.00	-14.00	-34.97	-45.62	-40.03	-34.65	-43.99	-41.83	
40.5	-13.48	-24.10	-18.97	-13.58	-22.55	-20.29	0.00	-14.00	-34.78	-45.40	-40.27	-34.88	-43.85	-41.59	
41.0	-12.65	-21.18	-19.17	-13.17	-20.08	-19.69	0.00	-14.00	-33.95	-42.48	-40.47	-34.47	-41.38	-40.99	
41.5	-12.17	-19.42	-20.60	-12.73	-18.34	-20.22	0.00	-14.00	-33.47	-40.72	-41.90	-34.03	-39.64	-41.52	
42.0	-12.94	-20.21	-23.28	-13.37	-18.91	-21.65	0.00	-14.00	-34.24	-41.51	-44.58	-34.67	-40.21	-42.95	
42.5	-15.46	-24.65	-24.91	-15.76	-23.33	-22.39	0.00	-14.00	-36.76	-45.95	-46.21	-37.06	-44.63	-43.69	
43.0	-19.97	-27.69	-25.58	-20.16	-33.42	-22.79	0.00	-14.00	-41.27	-48.99	-46.88	-41.46	-54.72	-44.09	
43.5	-24.64	-21.61	-28.17	-23.58	-23.53	-25.79	0.00	-14.00	-45.94	-42.91	-49.47	-44.88	-44.83	-47.09	
44.0	-24.97	-18.86	-23.57	-22.26	-20.15	-25.91	0.00	-14.00	-46.27	-40.16	-44.87	-43.56	-41.45	-47.21	
44.5	-25.58	-17.77	-17.81	-21.94	-18.56	-18.80	0.00	-14.00	-46.88	-39.07	-39.11	-43.24	-39.86	-40.10	
45.0	-28.54	-16.21	-14.93	-23.97	-16.14	-15.32	0.00	-14.00	-49.84	-37.51	-36.23	-45.27	-37.44	-36.62	
45.5	-27.79	-14.03	-13.65	-26.52	-13.71	-14.09	0.00	-14.00	-49.09	-35.33	-34.95	-47.82	-35.01	-35.39	
46.0	-22.65	-12.76	-12.86	-23.12	-12.36	-13.47	0.00	-14.00	-43.95	-34.06	-34.16	-44.42	-33.66	-34.77	
46.5	-18.49	-13.08	-12.09	-18.63	-12.27	-12.48	0.00	-14.00	-39.79	-34.38	-33.39	-39.93	-33.57	-33.78	
47.0	-15.48	-14.77	-11.68	-15.74	-13.21	-11.73	0.00	-14.00	-36.78	-36.07	-32.98	-37.04	-34.51	-33.03	
47.5	-13.82	-16.01	-11.99	-14.25	-14.37	-11.91	0.00	-14.00	-35.12	-37.31	-33.29	-35.55	-35.67	-33.21	
48.0	-13.35	-15.58	-13.31	-13.58	-14.73	-13.16	0.00	-14.00	-34.65	-36.88	-34.61	-34.88	-36.03	-34.46	
48.5	-13.12	-15.49	-15.88	-12.77	-14.87	-15.39	0.00	-14.00	-34.42	-36.79	-37.18	-34.07	-36.17	-36.69	
49.0	-12.30	-16.77	-20.04	-11.76	-15.91	-18.48	0.00	-14.00	-33.60	-38.07	-41.34	-33.06	-37.21	-39.78	
49.5	-11.68	-19.35	-26.18	-11.34	-18.15	-22.43	0.00	-14.00	-32.98	-40.65	-47.48	-32.64	-39.45	-43.73	
50.0	-12.11	-22.67	-31.04	-11.77	-21.41	-26.11	0.00	-14.00	-33.41	-43.97	-52.34	-33.07	-42.71	-47.41	
50.5	-13.43	-24.76	-24.85	-12.54	-25.06	-23.75	0.00	-14.00	-34.73	-46.06	-46.15	-33.84	-46.36	-45.05	
51.0	-14.75	-23.66	-20.14	-13.34	-25.04	-20.01	0.00	-14.00	-36.05	-44.96	-41.44	-34.64	-46.34	-41.31	
51.5	-15.99	-22.14	-17.53	-14.85	-21.82	-17.97	0.00	-14.00	-37.29	-43.44	-38.83	-36.15	-43.12	-39.27	
52.0	-18.57	-21.44	-16.31	-17.84	-20.04	-17.12	0.00	-14.00	-39.87	-42.74	-37.61	-39.14	-41.34	-38.42	
52.5	-24.49	-21.00	-16.08	-22.04	-19.73	-16.76	0.00	-14.00	-45.79	-42.30	-37.38	-43.34	-41.03	-38.06	
53.0	-27.22	-20.37	-16.44	-25.55	-19.79	-16.45	0.00	-14.00	-48.52	-41.67	-37.74	-46.85	-41.09	-37.75	
53.5	-20.20	-19.78	-16.80	-23.58	-19.53	-16.01	0.00	-14.00	-41.50	-41.08	-38.10	-44.88	-40.83	-37.31	
54.0	-16.62	-19.43	-16.54	-18.64	-19.15	-15.42	0.00	-14.00	-37.92	-40.73	-37.84	-39.94	-40.45	-36.72	
54.5	-14.70	-18.99	-15.63	-15.64	-18.65	-14.75	0.00	-14.00	-36.00	-40.29	-36.93	-36.94	-39.95	-36.05	
55.0	-13.63	-18.17	-14.66	-14.30	-17.77	-14.04	0.00	-14.00	-34.93	-39.47	-35.96	-35.60	-39.07	-35.34	
55.5	-13.12	-17.15	-14.12	-13.68	-16.58	-13.36	0.00	-14.00	-34.42	-38.45	-35.42	-34.98	-37.88	-34.66	
56.0	-13.27	-16.13	-14.05	-13.31	-15.31	-12.93	0.00	-14.00	-34.57	-37.43	-35.35	-34.61	-36.61	-34.23	
56.5	-14.32	-15.11	-14.22	-13.56	-14.39	-12.96	0.00	-14.00	-35.62	-36.41	-35.52	-34.86	-35.69	-34.26	
57.0	-16.34	-14.55	-14.59	-14.82	-14.33	-13.46	0.00	-14.00	-37.64	-35.85	-35.89	-36.12	-35.63	-34.76	
57.5	-19.09	-15.04	-15.39	-17.01	-15.49	-14.30	0.00	-14.00	-40.39	-36.34	-36.69	-38.31	-36.79	-35.60	
58.0	-22.54	-16.83	-16.69	-19.71	-17.89	-15.55	0.00	-14.00	-43.84	-38.13	-37.99	-41.01	-39.19	-36.85	
58.5	-27.88	-19.81	-18.44	-22.74	-21.08	-17.71	0.00	-14.00	-49.18	-41.11	-39.74	-44.04	-42.38	-39.01	
59.0	-34.68	-24.04	-21.07	-25.36	-24.64	-21.71	0.00	-14.00	-55.98	-45.34	-42.37	-46.66	-45.94	-43.01	
59.5	-27.47	-31.94	-25.12	-24.67	-31.26	-28.30	0.00	-14.00	-48.77	-53.24	-46.42	-45.97	-52.56	-49.60	
60.0	-22.28	-27.62	-26.13	-21.54	-35.81	-24.49	0.00	-14.00	-43.58	-48.92	-47.43	-42.84	-57.11	-45.79	
60.5	-18.93	-20.90	-22.70	-18.58	-23.97	-19.22	0.00	-14.00	-40.23	-42.20	-44.00	-39.88	-45.27	-40.52	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
61.0	-16.78	-17.74	-20.03	-16.55	-19.17	-16.27	0.00	-14.00	-38.08	-39.04	-41.33	-37.85	-40.47	-37.57	
61.5	-15.62	-15.92	-17.61	-15.61	-16.26	-14.52	0.00	-14.00	-36.92	-37.22	-38.91	-36.91	-37.56	-35.82	
62.0	-15.17	-14.46	-15.31	-15.50	-14.27	-13.21	0.00	-14.00	-36.47	-35.76	-36.61	-36.80	-35.57	-34.51	
62.5	-15.11	-13.37	-13.56	-15.68	-13.06	-11.95	0.00	-14.00	-36.41	-34.67	-34.86	-36.98	-34.36	-33.25	
63.0	-15.42	-13.05	-12.47	-15.92	-12.59	-11.02	0.00	-14.00	-36.72	-34.35	-33.77	-37.22	-33.89	-32.32	
63.5	-16.18	-13.46	-11.91	-16.37	-12.63	-10.80	0.00	-14.00	-37.48	-34.76	-33.21	-37.67	-33.93	-32.10	
64.0	-17.23	-13.97	-11.73	-17.05	-12.79	-11.28	0.00	-14.00	-38.53	-35.27	-33.03	-38.35	-34.09	-32.58	
64.5	-18.41	-14.04	-11.85	-17.82	-12.89	-11.99	0.00	-14.00	-39.71	-35.34	-33.15	-39.12	-34.19	-33.29	
65.0	-20.01	-14.18	-12.22	-19.09	-13.20	-12.52	0.00	-14.00	-41.31	-35.48	-33.52	-40.39	-34.50	-33.82	
65.5	-22.42	-15.03	-12.90	-21.80	-13.94	-13.27	0.00	-14.00	-43.72	-36.33	-34.20	-43.10	-35.24	-34.57	
66.0	-25.05	-16.55	-14.09	-27.05	-15.19	-14.91	0.00	-14.00	-46.35	-37.85	-35.39	-48.35	-36.49	-36.21	
66.5	-25.44	-18.19	-16.05	-34.01	-17.08	-17.48	0.00	-14.00	-46.74	-39.49	-37.35	-55.31	-38.38	-38.78	
67.0	-23.23	-20.04	-18.94	-31.68	-19.80	-20.48	0.00	-14.00	-44.53	-41.34	-40.24	-52.98	-41.10	-41.78	
67.5	-20.95	-23.35	-23.19	-26.22	-22.57	-24.19	0.00	-14.00	-42.25	-44.65	-44.49	-47.52	-43.87	-45.49	
68.0	-19.46	-28.61	-28.46	-21.31	-23.60	-26.67	0.00	-14.00	-40.76	-49.91	-49.76	-42.61	-44.90	-47.97	
68.5	-18.50	-26.38	-23.74	-18.01	-23.24	-22.47	0.00	-14.00	-39.80	-47.68	-45.04	-39.31	-44.54	-43.77	
69.0	-17.28	-22.47	-18.68	-15.86	-21.69	-19.03	0.00	-14.00	-38.58	-43.77	-39.98	-37.16	-42.99	-40.33	
69.5	-15.52	-20.38	-15.88	-14.29	-19.72	-16.81	0.00	-14.00	-36.82	-41.68	-37.18	-35.59	-41.02	-38.11	
70.0	-13.95	-18.95	-14.30	-13.22	-18.62	-14.86	0.00	-14.00	-35.25	-40.25	-35.60	-34.52	-39.92	-36.16	
70.5	-13.08	-17.71	-13.25	-12.77	-18.26	-13.11	0.00	-14.00	-34.38	-39.01	-34.55	-34.07	-39.56	-34.41	
71.0	-12.78	-16.52	-12.42	-12.84	-17.42	-11.79	0.00	-14.00	-34.08	-37.82	-33.72	-34.14	-38.72	-33.09	
71.5	-12.62	-15.22	-11.83	-12.91	-15.67	-10.89	0.00	-14.00	-33.92	-36.52	-33.13	-34.21	-36.97	-32.19	
72.0	-12.39	-14.01	-11.50	-12.64	-14.10	-10.17	0.00	-14.00	-33.69	-35.31	-32.80	-33.94	-35.40	-31.47	
72.5	-12.30	-13.27	-11.31	-12.31	-13.29	-9.62	0.00	-14.00	-33.60	-34.57	-32.61	-33.61	-34.59	-30.92	
73.0	-12.42	-13.04	-11.07	-12.22	-13.01	-9.48	0.00	-14.00	-33.72	-34.34	-32.37	-33.52	-34.31	-30.78	
73.5	-12.58	-13.05	-10.81	-12.34	-12.76	-9.76	0.00	-14.00	-33.88	-34.35	-32.11	-33.64	-34.06	-31.06	
74.0	-12.54	-13.06	-10.66	-12.42	-12.40	-10.04	0.00	-14.00	-33.84	-34.36	-31.96	-33.72	-33.70	-31.34	
74.5	-12.30	-13.20	-10.62	-12.42	-12.25	-10.05	0.00	-14.00	-33.60	-34.50	-31.92	-33.72	-33.55	-31.35	
75.0	-12.02	-13.65	-10.55	-12.48	-12.49	-9.99	0.00	-14.00	-33.32	-34.95	-31.85	-33.78	-33.79	-31.29	
75.5	-11.92	-14.23	-10.48	-12.67	-12.99	-10.20	0.00	-14.00	-33.22	-35.53	-31.78	-33.97	-34.29	-31.50	
76.0	-12.21	-14.47	-10.66	-13.00	-13.64	-10.69	0.00	-14.00	-33.51	-35.77	-31.96	-34.30	-34.94	-31.99	
76.5	-13.04	-14.37	-11.26	-13.59	-14.52	-11.15	0.00	-14.00	-34.34	-35.67	-32.56	-34.89	-35.82	-32.45	
77.0	-14.37	-14.50	-12.13	-14.60	-15.60	-11.43	0.00	-14.00	-35.67	-35.80	-33.43	-35.90	-36.90	-32.73	
77.5	-15.82	-15.09	-12.84	-15.90	-16.37	-11.84	0.00	-14.00	-37.12	-36.39	-34.14	-37.20	-37.67	-33.14	
78.0	-16.98	-15.88	-13.22	-17.00	-16.28	-12.67	0.00	-14.00	-38.28	-37.18	-34.52	-38.30	-37.58	-33.97	
78.5	-17.75	-16.41	-13.63	-17.48	-15.66	-13.87	0.00	-14.00	-39.05	-37.71	-34.93	-38.78	-36.96	-35.17	
79.0	-18.07	-16.69	-14.53	-17.51	-15.25	-14.98	0.00	-14.00	-39.37	-37.99	-35.83	-38.81	-36.55	-36.28	
79.5	-17.95	-17.06	-16.03	-17.57	-15.50	-15.65	0.00	-14.00	-39.25	-38.36	-37.33	-38.87	-36.80	-36.95	
80.0	-17.66	-17.75	-17.83	-17.84	-16.44	-16.31	0.00	-14.00	-38.96	-39.05	-39.13	-39.14	-37.74	-37.61	
80.5	-17.61	-18.86	-19.53	-18.03	-17.86	-17.63	0.00	-14.00	-38.91	-40.16	-40.83	-39.33	-39.16	-38.93	
81.0	-18.13	-20.49	-20.87	-17.99	-19.63	-19.64	0.00	-14.00	-39.43	-41.79	-42.17	-39.29	-40.93	-40.94	
81.5	-19.14	-22.72	-21.47	-17.99	-21.89	-21.73	0.00	-14.00	-40.44	-44.02	-42.77	-39.29	-43.19	-43.03	
82.0	-19.86	-25.24	-21.41	-18.16	-24.43	-23.28	0.00	-14.00	-41.16	-46.54	-42.71	-39.46	-45.73	-44.58	
82.5	-19.31	-27.09	-21.37	-18.28	-25.52	-23.77	0.00	-14.00	-40.61	-48.39	-42.67	-39.58	-46.82	-45.07	
83.0	-18.00	-26.28	-22.10	-18.05	-24.94	-23.71	0.00	-14.00	-39.30	-47.58	-43.40	-39.35	-46.24	-45.01	
83.5	-17.06	-23.81	-24.15	-17.49	-25.03	-24.02	0.00	-14.00	-38.36	-45.11	-45.45	-38.79	-46.33	-45.32	
84.0	-16.85	-22.31	-27.14	-17.00	-26.38	-23.93	0.00	-14.00	-38.15	-43.61	-48.44	-38.30	-47.68	-45.23	
84.5	-17.07	-22.20	-28.60	-16.74	-27.76	-22.61	0.00	-14.00	-38.37	-43.50	-49.90	-38.04	-49.06	-43.91	
85.0	-17.02	-22.49	-26.98	-16.44	-27.00	-20.52	0.00	-14.00	-38.32	-43.79	-48.28	-37.74	-48.30	-41.82	
85.5	-16.26	-21.85	-24.27	-15.80	-24.32	-18.64	0.00	-14.00	-37.56	-43.15	-45.57	-37.10	-45.62	-39.94	
86.0	-15.22	-20.77	-22.59	-14.86	-21.75	-17.89	0.00	-14.00	-36.52	-42.07	-43.89	-36.16	-43.05	-39.19	
86.5	-14.63	-20.19	-22.34	-14.10	-20.17	-18.52	0.00	-14.00	-35.93	-41.49	-43.64	-35.40	-41.47	-39.82	
87.0	-14.70	-20.16	-22.82	-13.95	-19.48	-19.99	0.00	-14.00	-36.00	-41.46	-44.12	-35.25	-40.78	-41.29	
87.5	-15.17	-20.22	-22.81	-14.45	-19.19	-20.96	0.00	-14.00	-36.47	-41.52	-44.11	-35.75	-40.49	-42.26	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
88.0	-15.55	-19.83	-21.82	-15.23	-18.80	-20.39	0.00	-14.00	-36.85	-41.13	-43.12	-36.53	-40.10	-41.69	
88.5	-15.71	-18.72	-20.63	-15.77	-18.08	-19.06	0.00	-14.00	-37.01	-40.02	-41.93	-37.07	-39.38	-40.36	
89.0	-15.78	-17.52	-20.06	-15.90	-17.18	-18.08	0.00	-14.00	-37.08	-38.82	-41.36	-37.20	-38.48	-39.38	
89.5	-15.84	-16.99	-20.28	-15.77	-16.48	-17.64	0.00	-14.00	-37.14	-38.29	-41.58	-37.07	-37.78	-38.94	
90.0	-15.93	-17.27	-20.78	-15.64	-16.26	-17.59	0.00	-14.00	-37.23	-38.57	-42.08	-36.94	-37.56	-38.89	
90.5	-15.97	-18.03	-20.84	-15.61	-16.61	-17.96	0.00	-14.00	-37.27	-39.33	-42.14	-36.91	-37.91	-39.26	
91.0	-15.88	-18.82	-20.43	-15.60	-17.37	-18.79	0.00	-14.00	-37.18	-40.12	-41.73	-36.90	-38.67	-40.09	
91.5	-15.74	-19.24	-20.17	-15.58	-18.27	-19.71	0.00	-14.00	-37.04	-40.54	-41.47	-36.88	-39.57	-41.01	
92.0	-15.64	-18.87	-20.46	-15.59	-18.96	-20.14	0.00	-14.00	-36.94	-40.17	-41.76	-36.89	-40.26	-41.44	
92.5	-15.63	-17.95	-21.10	-15.75	-18.82	-19.75	0.00	-14.00	-36.93	-39.25	-42.40	-37.05	-40.12	-41.05	
93.0	-15.74	-17.05	-21.31	-16.02	-17.77	-18.79	0.00	-14.00	-37.04	-38.35	-42.61	-37.32	-39.07	-40.09	
93.5	-15.93	-16.29	-20.48	-16.18	-16.81	-17.87	0.00	-14.00	-37.23	-37.59	-41.78	-37.48	-38.11	-39.17	
94.0	-16.02	-15.66	-19.01	-16.02	-16.40	-17.37	0.00	-14.00	-37.32	-36.96	-40.31	-37.32	-37.70	-38.67	
94.5	-15.78	-15.36	-17.66	-15.52	-16.28	-17.26	0.00	-14.00	-37.08	-36.66	-38.96	-36.82	-37.58	-38.56	
95.0	-15.15	-15.63	-17.00	-14.96	-16.47	-17.28	0.00	-14.00	-36.45	-36.93	-38.30	-36.26	-37.77	-38.58	
95.5	-14.49	-16.51	-17.26	-14.71	-17.31	-17.26	0.00	-14.00	-35.79	-37.81	-38.56	-36.01	-38.61	-38.56	
96.0	-14.24	-17.75	-18.25	-14.95	-18.53	-17.19	0.00	-14.00	-35.54	-39.05	-39.55	-36.25	-39.83	-38.49	
96.5	-14.61	-18.65	-19.13	-15.52	-18.97	-17.19	0.00	-14.00	-35.91	-39.95	-40.43	-36.82	-40.27	-38.49	
97.0	-15.41	-18.58	-19.00	-16.01	-18.24	-17.36	0.00	-14.00	-36.71	-39.88	-40.30	-37.31	-39.54	-38.66	
97.5	-16.13	-17.80	-18.26	-16.18	-17.17	-17.66	0.00	-14.00	-37.43	-39.10	-39.56	-37.48	-38.47	-38.96	
98.0	-16.25	-16.99	-17.83	-16.18	-16.46	-17.89	0.00	-14.00	-37.55	-38.29	-39.13	-37.48	-37.76	-39.19	
98.5	-15.88	-16.54	-18.05	-16.19	-16.49	-17.76	0.00	-14.00	-37.18	-37.84	-39.35	-37.49	-37.79	-39.06	
99.0	-15.54	-16.67	-18.74	-16.31	-17.03	-17.11	0.00	-14.00	-36.84	-37.97	-40.04	-37.61	-38.33	-38.41	
99.5	-15.49	-17.37	-19.34	-16.42	-17.48	-16.42	0.00	-14.00	-36.79	-38.67	-40.64	-37.72	-38.78	-37.72	
100.0	-15.64	-18.40	-19.25	-16.27	-17.39	-16.33	0.00	-14.00	-36.94	-39.70	-40.55	-37.57	-38.69	-37.63	
100.5	-15.74	-19.22	-18.59	-15.78	-16.82	-17.08	0.00	-14.00	-37.04	-40.52	-39.89	-37.08	-38.12	-38.38	
101.0	-15.71	-19.27	-18.09	-15.29	-16.32	-18.46	0.00	-14.00	-37.01	-40.57	-39.39	-36.59	-37.62	-39.76	
101.5	-15.69	-18.51	-18.17	-15.31	-16.33	-19.62	0.00	-14.00	-36.99	-39.81	-39.47	-36.61	-37.63	-40.92	
102.0	-15.85	-17.67	-18.76	-16.13	-16.77	-19.57	0.00	-14.00	-37.15	-38.97	-40.06	-37.43	-38.07	-40.87	
102.5	-16.21	-17.39	-19.54	-17.51	-17.11	-18.67	0.00	-14.00	-37.51	-38.69	-40.84	-38.81	-38.41	-39.97	
103.0	-16.54	-17.76	-20.22	-18.48	-17.13	-18.09	0.00	-14.00	-37.84	-39.06	-41.52	-39.78	-38.43	-39.39	
103.5	-16.69	-18.44	-20.54	-18.20	-17.08	-18.46	0.00	-14.00	-37.99	-39.74	-41.84	-39.50	-38.38	-39.76	
104.0	-16.75	-18.94	-20.37	-17.44	-17.33	-19.49	0.00	-14.00	-38.05	-40.24	-41.67	-38.74	-38.63	-40.79	
104.5	-16.98	-18.94	-19.99	-17.26	-18.00	-20.00	0.00	-14.00	-38.28	-40.24	-41.29	-38.56	-39.30	-41.30	
105.0	-17.54	-18.66	-19.72	-18.07	-18.73	-19.34	0.00	-14.00	-38.84	-39.96	-41.02	-39.37	-40.03	-40.64	
105.5	-18.21	-18.63	-19.55	-19.41	-18.89	-18.37	0.00	-14.00	-39.51	-39.93	-40.85	-40.71	-40.19	-39.67	
106.0	-18.42	-18.96	-19.21	-19.83	-18.42	-17.78	0.00	-14.00	-39.72	-40.26	-40.51	-41.13	-39.72	-39.08	
106.5	-17.95	-19.37	-18.51	-18.83	-17.75	-17.60	0.00	-14.00	-39.25	-40.67	-39.81	-40.13	-39.05	-38.90	
107.0	-17.27	-19.52	-17.94	-17.60	-17.31	-17.53	0.00	-14.00	-38.57	-40.82	-39.24	-38.90	-38.61	-38.83	
107.5	-16.89	-19.26	-18.08	-16.95	-17.33	-17.47	0.00	-14.00	-38.19	-40.56	-39.38	-38.25	-38.63	-38.77	
108.0	-17.04	-18.48	-19.09	-17.07	-17.52	-17.71	0.00	-14.00	-38.34	-39.78	-40.39	-38.37	-38.82	-39.01	
108.5	-17.67	-17.49	-20.47	-17.68	-17.24	-18.36	0.00	-14.00	-38.97	-38.79	-41.77	-38.98	-38.54	-39.66	
109.0	-18.41	-16.87	-20.73	-18.25	-16.53	-19.05	0.00	-14.00	-39.71	-38.17	-42.03	-39.55	-37.83	-40.35	
109.5	-18.69	-16.90	-19.04	-18.54	-16.03	-19.26	0.00	-14.00	-39.99	-38.20	-40.34	-39.84	-37.33	-40.56	
110.0	-18.36	-17.51	-17.30	-18.68	-16.09	-18.94	0.00	-14.00	-39.66	-38.81	-38.60	-39.98	-37.39	-40.24	
110.5	-17.93	-18.39	-16.81	-18.43	-16.76	-18.67	0.00	-14.00	-39.23	-39.69	-38.11	-39.73	-38.06	-39.97	
111.0	-17.85	-18.88	-17.70	-17.51	-17.68	-18.94	0.00	-14.00	-39.15	-40.18	-39.00	-38.81	-38.98	-40.24	
111.5	-18.15	-18.68	-19.31	-16.53	-18.02	-19.77	0.00	-14.00	-39.45	-39.98	-40.61	-37.83	-39.32	-41.07	
112.0	-18.53	-18.56	-20.05	-16.33	-17.60	-20.70	0.00	-14.00	-39.83	-39.86	-41.35	-37.63	-38.90	-42.00	
112.5	-18.86	-18.87	-19.67	-17.29	-17.17	-21.11	0.00	-14.00	-40.16	-40.17	-40.97	-38.59	-38.47	-42.41	
113.0	-19.41	-18.79	-19.74	-19.46	-17.08	-20.90	0.00	-14.00	-40.71	-40.09	-41.04	-40.76	-38.38	-42.20	
113.5	-20.58	-17.81	-20.96	-22.00	-17.16	-20.46	0.00	-14.00	-41.88	-39.11	-42.26	-43.30	-38.46	-41.76	
114.0	-21.94	-16.77	-22.39	-22.00	-17.19	-20.12	0.00	-14.00	-43.24	-38.07	-43.69	-43.30	-38.49	-41.42	
114.5	-21.22	-16.60	-21.69	-19.86	-17.23	-19.94	0.00	-14.00	-42.52	-37.90	-42.99	-41.16	-38.53	-41.24	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
115.0	-18.80	-17.48	-19.81	-18.26	-17.36	-19.69	0.00	-14.00	-40.10	-38.78	-41.11	-39.56	-38.66	-40.99	
115.5	-17.21	-18.23	-18.52	-17.59	-17.43	-18.96	0.00	-14.00	-38.51	-39.53	-39.82	-38.89	-38.73	-40.26	
116.0	-17.10	-17.51	-18.21	-17.59	-17.24	-17.87	0.00	-14.00	-38.40	-38.81	-39.51	-38.89	-38.54	-39.17	
116.5	-18.45	-16.74	-18.88	-18.10	-16.92	-17.14	0.00	-14.00	-39.75	-38.04	-40.18	-39.40	-38.22	-38.44	
117.0	-20.84	-17.04	-20.08	-19.22	-16.83	-17.35	0.00	-14.00	-42.14	-38.34	-41.38	-40.52	-38.13	-38.65	
117.5	-22.27	-18.37	-20.54	-20.94	-17.21	-18.78	0.00	-14.00	-43.57	-39.67	-41.84	-42.24	-38.51	-40.08	
118.0	-21.41	-20.16	-20.04	-22.43	-18.21	-21.14	0.00	-14.00	-42.71	-41.46	-41.34	-43.73	-39.51	-42.44	
118.5	-20.60	-20.75	-19.92	-22.44	-19.77	-22.09	0.00	-14.00	-41.90	-42.05	-41.22	-43.74	-41.07	-43.39	
119.0	-20.60	-19.43	-20.40	-21.74	-20.78	-20.04	0.00	-14.00	-41.90	-40.73	-41.70	-43.04	-42.08	-41.34	
119.5	-20.59	-18.09	-20.13	-21.46	-19.48	-18.09	0.00	-14.00	-41.89	-39.39	-41.43	-42.76	-40.78	-39.39	
120.0	-20.23	-17.61	-18.76	-21.64	-17.39	-17.51	0.00	-14.00	-41.53	-38.91	-40.06	-42.94	-38.69	-38.81	
120.5	-20.06	-17.85	-17.93	-21.88	-16.27	-18.07	0.00	-14.00	-41.36	-39.15	-39.23	-43.18	-37.57	-39.37	
121.0	-20.08	-18.35	-18.42	-21.84	-16.52	-18.42	0.00	-14.00	-41.38	-39.65	-39.72	-43.14	-37.82	-39.72	
121.5	-19.59	-18.62	-19.73	-21.30	-17.94	-17.64	0.00	-14.00	-40.89	-39.92	-41.03	-42.60	-39.24	-38.94	
122.0	-18.78	-18.46	-19.82	-20.43	-19.00	-17.08	0.00	-14.00	-40.08	-39.76	-41.12	-41.73	-40.30	-38.38	
122.5	-18.68	-18.14	-18.72	-20.01	-18.08	-17.76	0.00	-14.00	-39.98	-39.44	-40.02	-41.31	-39.38	-39.06	
123.0	-20.18	-17.88	-18.69	-20.82	-17.08	-19.72	0.00	-14.00	-41.48	-39.18	-39.99	-42.12	-38.38	-41.02	
123.5	-24.00	-17.86	-20.91	-23.09	-17.54	-22.11	0.00	-14.00	-45.30	-39.16	-42.21	-44.39	-38.84	-43.41	
124.0	-26.19	-18.49	-25.08	-24.58	-19.69	-23.33	0.00	-14.00	-47.49	-39.79	-46.38	-45.88	-40.99	-44.63	
124.5	-21.89	-20.58	-23.23	-22.86	-22.23	-23.39	0.00	-14.00	-43.19	-41.88	-44.53	-44.16	-43.53	-44.69	
125.0	-19.49	-24.53	-19.97	-21.63	-21.11	-22.64	0.00	-14.00	-40.79	-45.83	-41.27	-42.93	-42.41	-43.94	
125.5	-19.30	-23.96	-19.34	-22.17	-18.67	-20.97	0.00	-14.00	-40.60	-45.26	-40.64	-43.47	-39.97	-42.27	
126.0	-20.51	-19.82	-20.70	-23.92	-17.47	-19.58	0.00	-14.00	-41.81	-41.12	-42.00	-45.22	-38.77	-40.88	
126.5	-21.65	-18.14	-22.71	-24.84	-17.57	-19.53	0.00	-14.00	-42.95	-39.44	-44.01	-46.14	-38.87	-40.83	
127.0	-21.53	-19.13	-23.36	-23.74	-18.78	-21.10	0.00	-14.00	-42.83	-40.43	-44.66	-45.04	-40.08	-42.40	
127.5	-21.17	-23.21	-22.80	-22.31	-20.80	-23.20	0.00	-14.00	-42.47	-44.51	-44.10	-43.61	-42.10	-44.50	
128.0	-21.60	-25.78	-22.12	-21.34	-22.71	-22.48	0.00	-14.00	-42.90	-47.08	-43.42	-42.64	-44.01	-43.78	
128.5	-23.34	-21.42	-21.64	-21.23	-22.59	-20.79	0.00	-14.00	-44.64	-42.72	-42.94	-42.53	-43.89	-42.09	
129.0	-27.24	-19.77	-21.91	-22.88	-20.96	-20.86	0.00	-14.00	-48.54	-41.07	-43.21	-44.18	-42.26	-42.16	
129.5	-30.86	-20.91	-23.31	-28.47	-20.03	-23.19	0.00	-14.00	-52.16	-42.21	-44.61	-49.77	-41.33	-44.49	
130.0	-25.25	-24.62	-24.50	-31.93	-20.87	-25.72	0.00	-14.00	-46.55	-45.92	-45.80	-53.23	-42.17	-47.02	
130.5	-21.49	-28.19	-23.22	-23.57	-24.24	-23.26	0.00	-14.00	-42.79	-49.49	-44.52	-44.87	-45.54	-44.56	
131.0	-20.24	-23.94	-21.66	-20.90	-27.38	-21.10	0.00	-14.00	-41.54	-45.24	-42.96	-42.20	-48.68	-42.40	
131.5	-21.00	-20.33	-21.45	-21.25	-22.70	-21.35	0.00	-14.00	-42.30	-41.63	-42.75	-42.55	-44.00	-42.65	
132.0	-23.62	-18.87	-22.90	-23.60	-19.77	-24.06	0.00	-14.00	-44.92	-40.17	-44.20	-44.90	-41.07	-45.36	
132.5	-27.79	-19.35	-26.98	-25.89	-19.55	-28.67	0.00	-14.00	-49.09	-40.65	-48.28	-47.19	-40.85	-49.97	
133.0	-30.11	-22.07	-40.17	-26.99	-22.01	-29.57	0.00	-14.00	-51.41	-43.37	-61.47	-48.29	-43.31	-50.87	
133.5	-27.57	-28.58	-29.66	-30.53	-29.16	-27.44	0.00	-14.00	-48.87	-49.88	-50.96	-51.83	-50.46	-48.74	
134.0	-25.62	-45.20	-24.11	-36.56	-36.38	-25.74	0.00	-14.00	-46.92	-66.50	-45.41	-57.86	-57.68	-47.04	
134.5	-25.78	-27.40	-22.79	-27.96	-25.12	-24.10	0.00	-14.00	-47.08	-48.70	-44.09	-49.26	-46.42	-45.40	
135.0	-27.18	-23.21	-24.43	-24.63	-21.93	-23.39	0.00	-14.00	-48.48	-44.51	-45.73	-45.93	-43.23	-44.69	
135.5	-25.83	-22.34	-30.24	-24.97	-21.42	-24.60	0.00	-14.00	-47.13	-43.64	-51.54	-46.27	-42.72	-45.90	
136.0	-23.27	-24.45	-49.80	-28.25	-22.95	-28.79	0.00	-14.00	-44.57	-45.75	-71.10	-49.55	-44.25	-50.09	
136.5	-22.74	-31.64	-32.74	-29.93	-26.80	-40.68	0.00	-14.00	-44.04	-52.94	-54.04	-51.23	-48.10	-61.98	
137.0	-25.02	-38.00	-32.06	-27.46	-35.11	-33.62	0.00	-14.00	-46.32	-59.30	-53.36	-48.76	-56.41	-54.92	
137.5	-31.19	-29.41	-34.14	-27.95	-40.58	-28.08	0.00	-14.00	-52.49	-50.71	-55.44	-49.25	-61.88	-49.38	
138.0	-31.07	-29.02	-29.26	-34.71	-30.77	-26.75	0.00	-14.00	-52.37	-50.32	-50.56	-56.01	-52.07	-48.05	
138.5	-26.12	-33.62	-25.94	-35.01	-27.41	-28.26	0.00	-14.00	-47.42	-54.92	-47.24	-56.31	-48.71	-49.56	
139.0	-24.54	-33.63	-25.64	-26.89	-26.32	-30.77	0.00	-14.00	-45.84	-54.93	-46.94	-48.19	-47.62	-52.07	
139.5	-24.91	-27.47	-28.16	-24.83	-26.17	-29.53	0.00	-14.00	-46.21	-48.77	-49.46	-46.13	-47.47	-50.83	
140.0	-26.70	-25.54	-35.20	-25.90	-25.91	-29.73	0.00	-14.00	-48.00	-46.84	-56.50	-47.20	-47.21	-51.03	
140.5	-29.82	-27.45	-44.70	-30.54	-26.23	-36.62	0.00	-14.00	-51.12	-48.75	-66.00	-51.84	-47.53	-57.92	
141.0	-32.13	-36.74	-32.34	-45.97	-28.71	-31.16	0.00	-14.00	-53.43	-58.04	-53.64	-67.27	-50.01	-52.46	
141.5	-29.46	-30.24	-28.56	-30.15	-33.28	-24.91	0.00	-14.00	-50.76	-51.54	-49.86	-51.45	-54.58	-46.21	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
142.0	-26.44	-24.52	-26.30	-25.57	-31.07	-22.80	0.00	-14.00	-47.74	-45.82	-47.60	-46.87	-52.37	-44.10	
142.5	-25.25	-23.47	-24.85	-24.90	-27.87	-22.65	0.00	-14.00	-46.55	-44.77	-46.15	-46.20	-49.17	-43.95	
143.0	-26.49	-25.24	-25.37	-27.33	-26.80	-24.22	0.00	-14.00	-47.79	-46.54	-46.67	-48.63	-48.10	-45.52	
143.5	-31.04	-28.48	-30.60	-32.07	-27.60	-28.97	0.00	-14.00	-52.34	-49.78	-51.90	-53.37	-48.90	-50.27	
144.0	-30.93	-29.30	-34.67	-32.10	-31.66	-34.22	0.00	-14.00	-52.23	-50.60	-55.97	-53.40	-52.96	-55.52	
144.5	-25.65	-28.12	-24.59	-32.24	-34.32	-28.11	0.00	-14.00	-46.95	-49.42	-45.89	-53.54	-55.62	-49.41	
145.0	-23.85	-27.81	-22.03	-38.21	-27.56	-26.97	0.00	-14.00	-45.15	-49.11	-43.33	-59.51	-48.86	-48.27	
145.5	-24.90	-27.64	-23.27	-31.41	-25.19	-27.99	0.00	-14.00	-46.20	-48.94	-44.57	-52.71	-46.49	-49.29	
146.0	-27.94	-25.74	-27.55	-25.70	-25.72	-26.10	0.00	-14.00	-49.24	-47.04	-48.85	-47.00	-47.02	-47.40	
146.5	-27.25	-23.98	-29.38	-23.62	-26.18	-24.91	0.00	-14.00	-48.55	-45.28	-50.68	-44.92	-47.48	-46.21	
147.0	-24.02	-24.34	-28.45	-23.83	-24.15	-27.58	0.00	-14.00	-45.32	-45.64	-49.75	-45.13	-45.45	-48.88	
147.5	-23.31	-27.16	-30.71	-26.23	-22.93	-35.31	0.00	-14.00	-44.61	-48.46	-52.01	-47.53	-44.23	-56.61	
148.0	-26.13	-28.79	-30.84	-30.36	-24.54	-29.17	0.00	-14.00	-47.43	-50.09	-52.14	-51.66	-45.84	-50.47	
148.5	-32.77	-26.18	-26.31	-29.66	-31.84	-25.20	0.00	-14.00	-54.07	-47.48	-47.61	-50.96	-53.14	-46.50	
149.0	-26.75	-24.12	-23.44	-27.05	-28.72	-23.83	0.00	-14.00	-48.05	-45.42	-44.74	-48.35	-50.02	-45.13	
149.5	-23.05	-22.82	-22.45	-26.15	-21.98	-23.91	0.00	-14.00	-44.35	-44.12	-43.75	-47.45	-43.28	-45.21	
150.0	-22.65	-22.65	-23.98	-25.35	-20.13	-26.47	0.00	-14.00	-43.95	-43.95	-45.28	-46.65	-41.43	-47.77	
150.5	-24.37	-24.37	-31.23	-24.95	-21.30	-34.45	0.00	-14.00	-45.67	-45.67	-52.53	-46.25	-42.60	-55.75	
151.0	-28.39	-28.49	-32.63	-26.81	-25.66	-30.10	0.00	-14.00	-49.69	-49.79	-53.93	-48.11	-46.96	-51.40	
151.5	-34.26	-33.25	-23.97	-31.04	-38.83	-24.81	0.00	-14.00	-55.56	-54.55	-45.27	-52.34	-60.13	-46.11	
152.0	-27.64	-27.86	-22.20	-29.71	-29.74	-23.26	0.00	-14.00	-48.94	-49.16	-43.50	-51.01	-51.04	-44.56	
152.5	-24.27	-23.21	-23.79	-27.32	-23.40	-23.58	0.00	-14.00	-45.57	-44.51	-45.09	-48.62	-44.70	-44.88	
153.0	-24.84	-21.98	-27.84	-26.47	-21.89	-25.57	0.00	-14.00	-46.14	-43.28	-49.14	-47.77	-43.19	-46.87	
153.5	-28.30	-24.37	-31.80	-25.58	-24.22	-30.83	0.00	-14.00	-49.60	-45.67	-53.10	-46.88	-45.52	-52.13	
154.0	-29.15	-32.04	-33.27	-25.87	-32.47	-37.84	0.00	-14.00	-50.45	-53.34	-54.57	-47.17	-53.77	-59.14	
154.5	-27.53	-31.14	-30.78	-27.98	-31.32	-27.83	0.00	-14.00	-48.83	-52.44	-52.08	-49.28	-52.62	-49.13	
155.0	-27.50	-26.74	-27.76	-28.85	-27.34	-24.32	0.00	-14.00	-48.80	-48.04	-49.06	-50.15	-48.64	-45.62	
155.5	-27.57	-25.30	-27.46	-28.58	-26.73	-24.02	0.00	-14.00	-48.87	-46.60	-48.76	-49.88	-48.03	-45.32	
156.0	-28.03	-25.17	-30.31	-29.56	-26.11	-25.95	0.00	-14.00	-49.33	-46.47	-51.61	-50.86	-47.41	-47.25	
156.5	-28.51	-26.96	-38.04	-27.81	-27.06	-29.24	0.00	-14.00	-49.81	-48.26	-59.34	-49.11	-48.36	-50.54	
157.0	-26.42	-29.12	-33.11	-26.07	-30.79	-30.81	0.00	-14.00	-47.72	-50.42	-54.41	-47.37	-52.09	-52.11	
157.5	-25.01	-29.28	-26.62	-27.07	-30.86	-27.85	0.00	-14.00	-46.31	-50.58	-47.92	-48.37	-52.16	-49.15	
158.0	-25.83	-30.74	-24.55	-28.42	-28.16	-25.50	0.00	-14.00	-47.13	-52.04	-45.85	-49.72	-49.46	-46.80	
158.5	-27.48	-28.76	-25.81	-27.55	-26.66	-25.79	0.00	-14.00	-48.78	-50.06	-47.11	-48.85	-47.96	-47.09	
159.0	-28.46	-26.45	-29.59	-27.89	-26.32	-28.85	0.00	-14.00	-49.76	-47.75	-50.89	-49.19	-47.62	-50.15	
159.5	-29.69	-28.40	-30.62	-28.47	-28.52	-31.62	0.00	-14.00	-50.99	-49.70	-51.92	-49.77	-49.82	-52.92	
160.0	-28.77	-30.25	-29.42	-27.70	-30.34	-28.77	0.00	-14.00	-50.07	-51.55	-50.72	-49.00	-51.64	-50.07	
160.5	-26.76	-27.00	-28.72	-28.12	-27.88	-26.60	0.00	-14.00	-48.06	-48.30	-50.02	-49.42	-49.18	-47.90	
161.0	-26.47	-26.42	-27.76	-28.33	-28.30	-26.96	0.00	-14.00	-47.77	-47.72	-49.06	-49.63	-49.60	-48.26	
161.5	-26.98	-26.02	-26.52	-27.44	-29.20	-27.10	0.00	-14.00	-48.28	-47.32	-47.82	-48.74	-50.50	-48.40	
162.0	-26.92	-25.85	-25.17	-27.64	-26.75	-24.53	0.00	-14.00	-48.22	-47.15	-46.47	-48.94	-48.05	-45.83	
162.5	-26.38	-28.27	-25.57	-26.43	-25.54	-24.39	0.00	-14.00	-47.68	-49.57	-46.87	-47.73	-46.84	-45.69	
163.0	-25.75	-26.03	-27.22	-25.05	-24.44	-27.41	0.00	-14.00	-47.05	-47.33	-48.52	-46.35	-45.74	-48.71	
163.5	-25.89	-23.54	-25.36	-26.72	-23.68	-25.83	0.00	-14.00	-47.19	-44.84	-46.66	-48.02	-44.98	-47.13	
164.0	-26.00	-24.53	-24.07	-28.51	-24.57	-24.19	0.00	-14.00	-47.30	-45.83	-45.37	-49.81	-45.87	-45.49	
164.5	-24.68	-24.55	-24.14	-26.10	-24.46	-24.67	0.00	-14.00	-45.98	-45.85	-45.44	-47.40	-45.76	-45.97	
165.0	-24.14	-23.59	-22.88	-26.74	-23.45	-22.24	0.00	-14.00	-45.44	-44.89	-44.18	-48.04	-44.75	-43.54	
165.5	-25.13	-24.70	-22.88	-28.54	-23.30	-21.13	0.00	-14.00	-46.43	-46.00	-44.18	-49.84	-44.60	-42.43	
166.0	-25.90	-23.48	-24.53	-25.29	-21.91	-22.92	0.00	-14.00	-47.20	-44.78	-45.83	-46.59	-43.21	-44.22	
166.5	-25.56	-22.42	-23.66	-24.23	-21.61	-23.76	0.00	-14.00	-46.86	-43.72	-44.96	-45.53	-42.91	-45.06	
167.0	-24.18	-23.21	-23.54	-24.85	-23.22	-23.56	0.00	-14.00	-45.48	-44.51	-44.84	-46.15	-44.52	-44.86	
167.5	-22.85	-21.65	-23.71	-24.36	-21.56	-22.66	0.00	-14.00	-44.15	-42.95	-45.01	-45.66	-42.86	-43.96	
168.0	-23.23	-21.29	-21.62	-25.21	-20.48	-20.25	0.00	-14.00	-44.53	-42.59	-42.92	-46.51	-41.78	-41.55	
168.5	-24.03	-23.32	-22.40	-26.54	-22.50	-20.82	0.00	-14.00	-45.33	-44.62	-43.70	-47.84	-43.80	-42.12	

Table 1 Az Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
169.0	-23.53	-21.72	-24.85	-24.48	-21.98	-23.22	0.00	-14.00	-44.83	-43.02	-46.15	-45.78	-43.28	-44.52	
169.5	-24.38	-21.46	-22.22	-24.36	-21.20	-21.41	0.00	-14.00	-45.68	-42.76	-43.52	-45.66	-42.50	-42.71	
170.0	-24.72	-24.20	-22.21	-24.69	-23.94	-21.71	0.00	-14.00	-46.02	-45.50	-43.51	-45.99	-45.24	-43.01	
170.5	-22.57	-21.42	-22.73	-22.64	-21.66	-22.33	0.00	-14.00	-43.87	-42.72	-44.03	-43.94	-42.96	-43.63	
171.0	-22.75	-20.95	-20.69	-22.94	-20.28	-20.08	0.00	-14.00	-44.05	-42.25	-41.99	-44.24	-41.58	-41.38	
171.5	-23.32	-24.18	-22.33	-23.97	-23.58	-21.91	0.00	-14.00	-44.62	-45.48	-43.63	-45.27	-44.88	-43.21	
172.0	-21.37	-20.72	-24.23	-21.55	-21.37	-23.36	0.00	-14.00	-42.67	-42.02	-45.53	-42.85	-42.67	-44.66	
172.5	-21.57	-19.97	-21.08	-21.22	-19.67	-19.41	0.00	-14.00	-42.87	-41.27	-42.38	-42.52	-40.97	-40.71	
173.0	-23.09	-23.79	-22.89	-22.44	-23.18	-20.90	0.00	-14.00	-44.39	-45.09	-44.19	-43.74	-44.48	-42.20	
173.5	-21.81	-21.04	-24.22	-21.23	-21.03	-23.70	0.00	-14.00	-43.11	-42.34	-45.52	-42.53	-42.33	-45.00	
174.0	-21.93	-20.27	-20.57	-21.70	-19.04	-19.73	0.00	-14.00	-43.23	-41.57	-41.87	-43.00	-40.34	-41.03	
174.5	-22.28	-25.16	-22.29	-23.71	-23.27	-21.12	0.00	-14.00	-43.58	-46.46	-43.59	-45.01	-44.57	-42.42	
175.0	-20.47	-21.95	-23.90	-21.28	-22.78	-25.56	0.00	-14.00	-41.77	-43.25	-45.20	-42.58	-44.08	-46.86	
175.5	-21.49	-20.76	-21.23	-21.18	-19.95	-22.12	0.00	-14.00	-42.79	-42.06	-42.53	-42.48	-41.25	-43.42	
176.0	-23.21	-24.03	-23.04	-23.31	-22.91	-22.92	0.00	-14.00	-44.51	-45.33	-44.34	-44.61	-44.21	-44.22	
176.5	-20.44	-21.49	-22.41	-21.20	-21.99	-21.96	0.00	-14.00	-41.74	-42.79	-43.71	-42.50	-43.29	-43.26	
177.0	-21.23	-22.76	-21.36	-21.81	-21.42	-21.03	0.00	-14.00	-42.53	-44.06	-42.66	-43.11	-42.72	-42.33	
177.5	-23.33	-26.62	-26.80	-25.12	-28.03	-28.28	0.00	-14.00	-44.63	-47.92	-48.10	-46.42	-49.33	-49.58	
178.0	-19.96	-19.22	-23.23	-20.71	-20.60	-22.86	0.00	-14.00	-41.26	-40.52	-44.53	-42.01	-41.90	-44.16	
178.5	-21.08	-20.54	-22.05	-21.10	-19.84	-20.54	0.00	-14.00	-42.38	-41.84	-43.35	-42.40	-41.14	-41.84	
179.0	-22.33	-28.65	-29.37	-23.91	-30.42	-28.06	0.00	-14.00	-43.63	-49.95	-50.67	-45.21	-51.72	-49.36	
179.5	-16.39	-16.89	-19.99	-16.85	-18.04	-19.59	0.00	-14.00	-37.69	-38.19	-41.29	-38.15	-39.34	-40.89	
180.0	-15.45	-15.70	-18.42	-15.01	-15.38	-16.89	0.00	-14.00	-36.75	-37.00	-39.72	-36.31	-36.68	-38.19	

Table 2 - Pattern Data (Elevation | Co-Polarized | Coarse)

Table 2 El Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-180.0	-11.56	-13.28	-15.17	-11.20	-13.16	-14.38	0.00	-14.00	-32.86	-34.58	-36.47	-32.50	-34.46	-35.68	
-179.5	-15.45	-16.59	-18.81	-14.57	-16.07	-17.54	0.00	-14.00	-36.75	-37.89	-40.11	-35.87	-37.37	-38.84	
-179.0	-32.30	-29.77	-31.19	-36.53	-28.12	-30.73	0.00	-14.00	-53.60	-51.07	-52.49	-57.83	-49.42	-52.03	
-178.5	-16.18	-22.70	-22.24	-16.50	-24.04	-22.75	0.00	-14.00	-37.48	-44.00	-43.54	-37.80	-45.34	-44.05	
-178.0	-16.40	-22.23	-22.74	-16.40	-23.10	-22.77	0.00	-14.00	-37.70	-43.53	-44.04	-37.70	-44.40	-44.07	
-177.5	-20.53	-25.24	-25.43	-20.64	-27.95	-25.80	0.00	-14.00	-41.83	-46.54	-46.73	-41.94	-49.25	-47.10	
-177.0	-18.13	-22.64	-22.67	-17.97	-24.12	-22.52	0.00	-14.00	-39.43	-43.94	-43.97	-39.27	-45.42	-43.82	
-176.5	-19.83	-23.59	-24.97	-19.62	-24.05	-23.70	0.00	-14.00	-41.13	-44.89	-46.27	-40.92	-45.35	-45.00	
-176.0	-21.09	-24.19	-25.54	-21.13	-24.60	-24.17	0.00	-14.00	-42.39	-45.49	-46.84	-42.43	-45.90	-45.47	
-175.5	-15.93	-21.88	-20.63	-15.79	-23.01	-20.63	0.00	-14.00	-37.23	-43.18	-41.93	-37.09	-44.31	-41.93	
-175.0	-15.89	-22.57	-20.55	-15.92	-23.77	-20.72	0.00	-14.00	-37.19	-43.87	-41.85	-37.22	-45.07	-42.02	
-174.5	-18.30	-23.26	-22.70	-18.70	-23.21	-22.83	0.00	-14.00	-39.60	-44.56	-44.00	-40.00	-44.51	-44.13	
-174.0	-16.95	-22.69	-21.47	-16.91	-22.27	-21.86	0.00	-14.00	-38.25	-43.99	-42.77	-38.21	-43.57	-43.16	
-173.5	-16.91	-23.12	-20.53	-16.79	-23.43	-20.28	0.00	-14.00	-38.21	-44.42	-41.83	-38.09	-44.73	-41.58	
-173.0	-19.13	-21.75	-21.20	-18.68	-22.63	-20.11	0.00	-14.00	-40.43	-43.05	-42.50	-39.98	-43.93	-41.41	
-172.5	-18.07	-20.98	-20.84	-17.13	-21.91	-20.53	0.00	-14.00	-39.37	-42.28	-42.14	-38.43	-43.21	-41.83	
-172.0	-17.26	-22.09	-19.89	-16.79	-23.41	-20.13	0.00	-14.00	-38.56	-43.39	-41.19	-38.09	-44.71	-41.43	
-171.5	-18.23	-21.80	-19.73	-18.37	-22.75	-19.59	0.00	-14.00	-39.53	-43.10	-41.03	-39.67	-44.05	-40.89	
-171.0	-17.92	-21.35	-20.12	-17.52	-21.92	-20.52	0.00	-14.00	-39.22	-42.65	-41.42	-38.82	-43.22	-41.82	
-170.5	-17.92	-22.96	-21.24	-17.16	-23.77	-22.09	0.00	-14.00	-39.22	-44.26	-42.54	-38.46	-45.07	-43.39	
-170.0	-19.69	-23.86	-23.27	-19.17	-24.37	-21.95	0.00	-14.00	-40.99	-45.16	-44.57	-40.47	-45.67	-43.25	
-169.5	-20.07	-23.90	-24.11	-19.67	-23.63	-22.14	0.00	-14.00	-41.37	-45.20	-45.41	-40.97	-44.93	-43.44	
-169.0	-19.62	-26.23	-23.25	-19.13	-26.09	-23.73	0.00	-14.00	-40.92	-47.53	-44.55	-40.43	-47.39	-45.03	
-168.5	-21.16	-26.76	-23.30	-20.80	-28.80	-24.54	0.00	-14.00	-42.46	-48.06	-44.60	-42.10	-50.10	-45.84	
-168.0	-22.17	-24.80	-24.17	-21.46	-26.66	-24.52	0.00	-14.00	-43.47	-46.10	-45.47	-42.76	-47.96	-45.82	
-167.5	-21.42	-25.26	-24.26	-20.46	-26.96	-25.09	0.00	-14.00	-42.72	-46.56	-45.56	-41.76	-48.26	-46.39	
-167.0	-22.05	-26.37	-23.98	-21.38	-28.11	-25.66	0.00	-14.00	-43.35	-47.67	-45.28	-42.68	-49.41	-46.96	
-166.5	-22.34	-26.23	-24.83	-21.74	-27.55	-26.05	0.00	-14.00	-43.64	-47.53	-46.13	-43.04	-48.85	-47.35	
-166.0	-21.31	-27.53	-26.75	-20.58	-29.10	-25.69	0.00	-14.00	-42.61	-48.83	-48.05	-41.88	-50.40	-46.99	
-165.5	-21.33	-29.01	-26.51	-21.35	-31.48	-24.80	0.00	-14.00	-42.63	-50.31	-47.81	-42.65	-52.78	-46.10	
-165.0	-21.02	-26.68	-24.65	-22.17	-28.82	-25.30	0.00	-14.00	-42.32	-47.98	-45.95	-43.47	-50.12	-46.60	
-164.5	-19.77	-25.13	-24.46	-20.52	-27.83	-27.49	0.00	-14.00	-41.07	-46.43	-45.76	-41.82	-49.13	-48.79	
-164.0	-19.71	-24.88	-25.53	-20.05	-26.89	-28.00	0.00	-14.00	-41.01	-46.18	-46.83	-41.35	-48.19	-49.30	
-163.5	-20.61	-24.92	-25.20	-20.50	-24.34	-27.13	0.00	-14.00	-41.91	-46.22	-46.50	-41.80	-45.64	-48.43	
-163.0	-20.96	-25.28	-24.38	-20.06	-23.34	-28.36	0.00	-14.00	-42.26	-46.58	-45.68	-41.36	-44.64	-49.66	
-162.5	-21.37	-24.84	-25.11	-19.99	-24.00	-28.89	0.00	-14.00	-42.67	-46.14	-46.41	-41.29	-45.30	-50.19	
-162.0	-21.87	-23.71	-25.73	-20.51	-24.82	-25.77	0.00	-14.00	-43.17	-45.01	-47.03	-41.81	-46.12	-47.07	
-161.5	-21.07	-24.26	-24.32	-20.44	-26.29	-23.85	0.00	-14.00	-42.37	-45.56	-45.62	-41.74	-47.59	-45.15	
-161.0	-20.21	-26.74	-23.53	-20.80	-28.76	-23.53	0.00	-14.00	-41.51	-48.04	-44.83	-42.10	-50.06	-44.83	
-160.5	-19.79	-27.05	-24.01	-21.43	-26.77	-23.76	0.00	-14.00	-41.09	-48.35	-45.31	-42.73	-48.07	-45.06	
-160.0	-19.37	-25.23	-24.51	-20.57	-23.89	-24.24	0.00	-14.00	-40.67	-46.53	-45.81	-41.87	-45.19	-45.54	
-159.5	-19.41	-23.91	-24.64	-19.83	-22.21	-25.56	0.00	-14.00	-40.71	-45.21	-45.94	-41.13	-43.51	-46.86	
-159.0	-19.70	-22.56	-24.61	-19.62	-20.93	-27.01	0.00	-14.00	-41.00	-43.86	-45.91	-40.92	-42.23	-48.31	
-158.5	-19.36	-22.14	-23.64	-18.97	-20.88	-25.50	0.00	-14.00	-40.66	-43.44	-44.94	-40.27	-42.18	-46.80	
-158.0	-19.45	-23.68	-22.24	-19.19	-23.21	-23.23	0.00	-14.00	-40.75	-44.98	-43.54	-40.49	-44.51	-44.53	
-157.5	-20.90	-26.56	-21.64	-21.41	-28.15	-22.32	0.00	-14.00	-42.20	-47.86	-42.94	-42.71	-49.45	-43.62	
-157.0	-21.57	-25.51	-22.47	-22.84	-27.76	-22.17	0.00	-14.00	-42.87	-46.81	-43.77	-44.14	-49.06	-43.47	
-156.5	-19.94	-21.92	-24.50	-21.00	-23.43	-21.93	0.00	-14.00	-41.24	-43.22	-45.80	-42.30	-44.73	-43.23	
-156.0	-18.66	-19.62	-24.50	-19.59	-20.33	-22.07	0.00	-14.00	-39.96	-40.92	-45.80	-40.89	-41.63	-43.37	
-155.5	-18.25	-18.99	-22.33	-18.12	-18.85	-22.78	0.00	-14.00	-39.55	-40.29	-43.63	-39.42	-40.15	-44.08	
-155.0	-18.69	-20.23	-21.51	-17.08	-19.72	-22.91	0.00	-14.00	-39.99	-41.53	-42.81	-38.38	-41.02	-44.21	
-154.5	-20.30	-23.93	-22.12	-18.20	-24.16	-22.72	0.00	-14.00	-41.60	-45.23	-43.42	-39.50	-45.46	-44.02	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-154.0	-21.89	-30.30	-23.00	-22.30	-30.88	-23.36	0.00	-14.00	-43.19	-51.60	-44.30	-43.60	-52.18	-44.66	
-153.5	-20.89	-24.35	-23.80	-23.31	-22.43	-23.60	0.00	-14.00	-42.19	-45.65	-45.10	-44.61	-43.73	-44.90	
-153.0	-19.57	-19.32	-23.83	-19.88	-18.26	-22.35	0.00	-14.00	-40.87	-40.62	-45.13	-41.18	-39.56	-43.65	
-152.5	-19.40	-17.45	-21.98	-19.07	-16.87	-21.33	0.00	-14.00	-40.70	-38.75	-43.28	-40.37	-38.17	-42.63	
-152.0	-20.15	-18.18	-20.74	-20.13	-17.88	-21.08	0.00	-14.00	-41.45	-39.48	-42.04	-41.43	-39.18	-42.38	
-151.5	-21.64	-22.29	-21.59	-21.67	-22.49	-21.75	0.00	-14.00	-42.94	-43.59	-42.89	-42.97	-43.79	-43.05	
-151.0	-23.18	-39.78	-24.47	-22.57	-38.38	-24.29	0.00	-14.00	-44.48	-61.08	-45.77	-43.87	-59.68	-45.59	
-150.5	-22.98	-24.76	-26.62	-21.76	-23.08	-27.84	0.00	-14.00	-44.28	-46.06	-47.92	-43.06	-44.38	-49.14	
-150.0	-22.20	-19.02	-23.72	-20.06	-18.64	-24.47	0.00	-14.00	-43.50	-40.32	-45.02	-41.36	-39.94	-45.77	
-149.5	-22.63	-16.99	-20.35	-19.34	-17.43	-21.37	0.00	-14.00	-43.93	-38.29	-41.65	-40.64	-38.73	-42.67	
-149.0	-23.65	-17.16	-18.83	-20.51	-18.20	-20.53	0.00	-14.00	-44.95	-38.46	-40.13	-41.81	-39.50	-41.83	
-148.5	-23.30	-19.83	-19.57	-24.67	-21.17	-21.02	0.00	-14.00	-44.60	-41.13	-40.87	-45.97	-42.47	-42.32	
-148.0	-22.35	-27.84	-23.15	-32.91	-28.60	-22.73	0.00	-14.00	-43.65	-49.14	-44.45	-54.21	-49.90	-44.03	
-147.5	-22.27	-29.87	-30.09	-25.05	-31.01	-27.13	0.00	-14.00	-43.57	-51.17	-51.39	-46.35	-52.31	-48.43	
-147.0	-23.14	-20.73	-28.68	-20.79	-22.78	-33.28	0.00	-14.00	-44.44	-42.03	-49.98	-42.09	-44.08	-54.58	
-146.5	-24.56	-17.72	-24.49	-19.49	-19.77	-24.89	0.00	-14.00	-45.86	-39.02	-45.79	-40.79	-41.07	-46.19	
-146.0	-25.85	-17.08	-22.27	-19.73	-19.02	-21.05	0.00	-14.00	-47.15	-38.38	-43.57	-41.03	-40.32	-42.35	
-145.5	-26.64	-18.27	-21.41	-20.99	-20.18	-20.03	0.00	-14.00	-47.94	-39.57	-42.71	-42.29	-41.48	-41.33	
-145.0	-27.90	-21.58	-22.40	-23.77	-24.20	-20.94	0.00	-14.00	-49.20	-42.88	-43.70	-45.07	-45.50	-42.24	
-144.5	-30.91	-27.55	-26.33	-30.44	-35.04	-23.93	0.00	-14.00	-52.21	-48.85	-47.63	-51.74	-56.34	-45.23	
-144.0	-35.89	-26.42	-39.30	-32.99	-26.87	-31.49	0.00	-14.00	-57.19	-47.72	-60.60	-54.29	-48.17	-52.79	
-143.5	-33.83	-21.75	-32.13	-24.77	-21.89	-35.86	0.00	-14.00	-55.13	-43.05	-53.43	-46.07	-43.19	-57.16	
-143.0	-28.51	-19.64	-26.04	-21.44	-20.44	-26.35	0.00	-14.00	-49.81	-40.94	-47.34	-42.74	-41.74	-47.65	
-142.5	-25.28	-19.33	-23.85	-20.17	-21.01	-23.67	0.00	-14.00	-46.58	-40.63	-45.15	-41.47	-42.31	-44.97	
-142.0	-23.45	-20.75	-22.96	-20.19	-23.44	-23.46	0.00	-14.00	-44.75	-42.05	-44.26	-41.49	-44.74	-44.76	
-141.5	-22.69	-24.74	-22.85	-21.27	-29.09	-24.53	0.00	-14.00	-43.99	-46.04	-44.15	-42.57	-50.39	-45.83	
-141.0	-23.13	-36.12	-23.83	-23.75	-46.09	-25.95	0.00	-14.00	-44.43	-57.42	-45.13	-45.05	-67.39	-47.25	
-140.5	-24.95	-29.20	-26.74	-29.51	-27.97	-27.09	0.00	-14.00	-46.25	-50.50	-48.04	-50.81	-49.27	-48.39	
-140.0	-27.55	-23.45	-31.86	-36.05	-23.41	-27.91	0.00	-14.00	-48.85	-44.75	-53.16	-57.35	-44.71	-49.21	
-139.5	-28.14	-21.90	-29.43	-25.72	-22.14	-28.61	0.00	-14.00	-49.44	-43.20	-50.73	-47.02	-43.44	-49.91	
-139.0	-26.68	-22.81	-25.61	-21.85	-23.25	-29.53	0.00	-14.00	-47.98	-44.11	-46.91	-43.15	-44.55	-50.83	
-138.5	-25.37	-26.03	-24.97	-20.60	-27.32	-29.11	0.00	-14.00	-46.67	-47.33	-46.27	-41.90	-48.62	-50.41	
-138.0	-23.93	-31.59	-27.51	-21.01	-37.85	-25.98	0.00	-14.00	-45.23	-52.89	-48.81	-42.31	-59.15	-47.28	
-137.5	-22.12	-31.32	-32.95	-22.62	-30.17	-23.40	0.00	-14.00	-43.42	-52.62	-54.25	-43.92	-51.47	-44.70	
-137.0	-20.59	-27.06	-27.74	-24.22	-24.37	-22.49	0.00	-14.00	-41.89	-48.36	-49.04	-45.52	-45.67	-43.79	
-136.5	-19.88	-24.55	-22.77	-23.58	-21.76	-22.81	0.00	-14.00	-41.18	-45.85	-44.07	-44.88	-43.06	-44.11	
-136.0	-20.24	-23.29	-20.56	-21.79	-20.88	-22.82	0.00	-14.00	-41.54	-44.59	-41.86	-43.09	-42.18	-44.12	
-135.5	-22.03	-23.33	-20.35	-20.79	-21.68	-21.70	0.00	-14.00	-43.33	-44.63	-41.65	-42.09	-42.98	-43.00	
-135.0	-25.66	-25.44	-22.39	-20.92	-25.32	-21.09	0.00	-14.00	-46.96	-46.74	-43.69	-42.22	-46.62	-42.39	
-134.5	-27.88	-32.17	-28.25	-21.87	-34.53	-22.27	0.00	-14.00	-49.18	-53.47	-49.55	-43.17	-55.83	-43.57	
-134.0	-23.80	-35.84	-28.70	-22.67	-24.23	-25.61	0.00	-14.00	-45.10	-57.14	-50.00	-43.97	-45.53	-46.91	
-133.5	-20.50	-25.45	-21.79	-21.85	-19.02	-26.51	0.00	-14.00	-41.80	-46.75	-43.09	-43.15	-40.32	-47.81	
-133.0	-18.80	-21.41	-18.96	-19.93	-17.24	-21.99	0.00	-14.00	-40.10	-42.71	-40.26	-41.23	-38.54	-43.29	
-132.5	-18.38	-19.62	-18.41	-18.52	-17.89	-18.83	0.00	-14.00	-39.68	-40.92	-39.71	-39.82	-39.19	-40.13	
-132.0	-19.16	-19.46	-19.34	-18.29	-21.27	-17.47	0.00	-14.00	-40.46	-40.76	-40.64	-39.59	-42.57	-38.77	
-131.5	-21.10	-21.14	-21.02	-19.31	-29.12	-17.74	0.00	-14.00	-42.40	-42.44	-42.32	-40.61	-50.42	-39.04	
-131.0	-23.14	-25.29	-22.25	-20.93	-28.05	-19.74	0.00	-14.00	-44.44	-46.59	-43.55	-42.23	-49.35	-41.04	
-130.5	-22.56	-28.02	-22.17	-21.41	-23.64	-22.87	0.00	-14.00	-43.86	-49.32	-43.47	-42.71	-44.94	-44.17	
-130.0	-20.44	-23.88	-21.87	-20.76	-23.29	-23.02	0.00	-14.00	-41.74	-45.18	-43.17	-42.06	-44.59	-44.32	
-129.5	-18.88	-21.92	-22.64	-20.56	-24.36	-20.85	0.00	-14.00	-40.18	-43.22	-43.94	-41.86	-45.66	-42.15	
-129.0	-18.12	-22.39	-24.05	-20.94	-23.23	-20.02	0.00	-14.00	-39.42	-43.69	-45.35	-42.24	-44.53	-41.32	
-128.5	-18.12	-24.30	-22.80	-20.78	-21.08	-20.67	0.00	-14.00	-39.42	-45.60	-44.10	-42.08	-42.38	-41.97	
-128.0	-18.87	-25.03	-20.14	-19.40	-20.24	-21.83	0.00	-14.00	-40.17	-46.33	-41.44	-40.70	-41.54	-43.13	
-127.5	-20.36	-23.29	-18.94	-17.84	-20.83	-21.50	0.00	-14.00	-41.66	-44.59	-40.24	-39.14	-42.13	-42.80	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-127.0	-22.02	-21.66	-19.56	-17.10	-22.10	-19.65	0.00	-14.00	-43.32	-42.96	-40.86	-38.40	-43.40	-40.95	
-126.5	-22.32	-21.38	-21.80	-17.77	-23.04	-18.29	0.00	-14.00	-43.62	-42.68	-43.10	-39.07	-44.34	-39.59	
-126.0	-21.34	-23.12	-23.80	-20.56	-23.70	-18.51	0.00	-14.00	-42.64	-44.42	-45.10	-41.86	-45.00	-39.81	
-125.5	-20.87	-28.73	-22.78	-27.88	-24.77	-21.22	0.00	-14.00	-42.17	-50.03	-44.08	-49.18	-46.07	-42.52	
-125.0	-21.97	-34.51	-21.83	-34.84	-26.31	-28.95	0.00	-14.00	-43.27	-55.81	-43.13	-56.14	-47.61	-50.25	
-124.5	-25.35	-24.98	-23.12	-24.26	-28.20	-28.28	0.00	-14.00	-46.65	-46.28	-44.42	-45.56	-49.50	-49.58	
-124.0	-28.07	-21.76	-27.03	-21.49	-29.56	-22.10	0.00	-14.00	-49.37	-43.06	-48.33	-42.79	-50.86	-43.40	
-123.5	-22.94	-21.45	-26.91	-21.32	-27.81	-20.50	0.00	-14.00	-44.24	-42.75	-48.21	-42.62	-49.11	-41.80	
-123.0	-19.37	-23.51	-21.96	-22.87	-24.71	-21.29	0.00	-14.00	-40.67	-44.81	-43.26	-44.17	-46.01	-42.59	
-122.5	-18.14	-28.95	-19.16	-25.41	-22.84	-23.86	0.00	-14.00	-39.44	-50.25	-40.46	-46.71	-44.14	-45.16	
-122.0	-18.81	-32.14	-18.26	-26.71	-22.75	-26.61	0.00	-14.00	-40.11	-53.44	-39.56	-48.01	-44.05	-47.91	
-121.5	-21.40	-25.13	-19.16	-26.66	-24.45	-25.16	0.00	-14.00	-42.70	-46.43	-40.46	-47.96	-45.75	-46.46	
-121.0	-26.60	-22.19	-22.48	-28.07	-27.25	-22.89	0.00	-14.00	-47.90	-43.49	-43.78	-49.37	-48.55	-44.19	
-120.5	-36.85	-21.81	-31.48	-32.76	-28.90	-22.62	0.00	-14.00	-58.15	-43.11	-52.78	-54.06	-50.20	-43.92	
-120.0	-30.60	-23.22	-33.35	-42.72	-29.17	-24.89	0.00	-14.00	-51.90	-44.52	-54.65	-64.02	-50.47	-46.19	
-119.5	-26.54	-25.83	-25.94	-37.02	-30.16	-31.36	0.00	-14.00	-47.84	-47.13	-47.24	-58.32	-51.46	-52.66	
-119.0	-26.51	-28.01	-24.87	-33.93	-31.78	-42.04	0.00	-14.00	-47.81	-49.31	-46.17	-55.23	-53.08	-63.34	
-118.5	-29.74	-27.82	-27.01	-32.04	-28.97	-30.37	0.00	-14.00	-51.04	-49.12	-48.31	-53.34	-50.27	-51.67	
-118.0	-32.50	-26.70	-34.50	-30.00	-24.77	-27.64	0.00	-14.00	-53.80	-48.00	-55.80	-51.30	-46.07	-48.94	
-117.5	-28.89	-26.42	-36.04	-29.30	-22.78	-28.28	0.00	-14.00	-50.19	-47.72	-57.34	-50.60	-44.08	-49.58	
-117.0	-27.18	-27.51	-27.34	-29.59	-22.93	-32.64	0.00	-14.00	-48.48	-48.81	-48.64	-50.89	-44.23	-53.94	
-116.5	-28.19	-29.63	-25.61	-28.83	-24.34	-43.80	0.00	-14.00	-49.49	-50.93	-46.91	-50.13	-45.64	-65.10	
-116.0	-30.93	-31.63	-28.09	-28.55	-24.81	-36.93	0.00	-14.00	-52.23	-52.93	-49.39	-49.85	-46.11	-58.23	
-115.5	-29.55	-32.17	-34.83	-32.10	-24.03	-37.58	0.00	-14.00	-50.85	-53.47	-56.13	-53.40	-45.33	-58.88	
-115.0	-25.16	-30.07	-29.69	-32.66	-23.69	-38.86	0.00	-14.00	-46.46	-51.37	-50.99	-53.96	-44.99	-60.16	
-114.5	-22.49	-26.95	-25.73	-24.32	-24.10	-29.10	0.00	-14.00	-43.79	-48.25	-47.03	-45.62	-45.40	-50.40	
-114.0	-21.69	-24.38	-25.04	-20.31	-25.20	-24.73	0.00	-14.00	-42.99	-45.68	-46.34	-41.61	-46.50	-46.03	
-113.5	-22.33	-22.66	-26.08	-18.68	-27.21	-22.88	0.00	-14.00	-43.63	-43.96	-47.38	-39.98	-48.51	-44.18	
-113.0	-23.41	-22.33	-26.86	-18.55	-28.71	-22.60	0.00	-14.00	-44.71	-43.63	-48.16	-39.85	-50.01	-43.90	
-112.5	-23.47	-24.11	-25.14	-19.54	-27.22	-23.64	0.00	-14.00	-44.77	-45.41	-46.44	-40.84	-48.52	-44.94	
-112.0	-22.56	-27.94	-22.49	-21.12	-25.29	-25.16	0.00	-14.00	-43.86	-49.24	-43.79	-42.42	-46.59	-46.46	
-111.5	-21.70	-26.23	-20.87	-21.56	-24.03	-24.21	0.00	-14.00	-43.00	-47.53	-42.17	-42.86	-45.33	-45.51	
-111.0	-21.03	-22.07	-20.59	-20.01	-22.85	-21.85	0.00	-14.00	-42.33	-43.37	-41.89	-41.31	-44.15	-43.15	
-110.5	-20.14	-19.82	-21.04	-18.45	-21.54	-20.70	0.00	-14.00	-41.44	-41.12	-42.34	-39.75	-42.84	-42.00	
-110.0	-18.98	-18.91	-21.21	-17.71	-20.54	-21.09	0.00	-14.00	-40.28	-40.21	-42.51	-39.01	-41.84	-42.39	
-109.5	-18.02	-19.18	-20.96	-17.60	-20.28	-22.72	0.00	-14.00	-39.32	-40.48	-42.26	-38.90	-41.58	-44.02	
-109.0	-17.64	-21.00	-20.95	-17.69	-21.05	-24.46	0.00	-14.00	-38.94	-42.30	-42.25	-38.99	-42.35	-45.76	
-108.5	-17.97	-24.00	-21.98	-17.75	-23.30	-23.86	0.00	-14.00	-39.27	-45.30	-43.28	-39.05	-44.60	-45.16	
-108.0	-18.68	-23.30	-24.31	-17.80	-25.87	-21.82	0.00	-14.00	-39.98	-44.60	-45.61	-39.10	-47.17	-43.12	
-107.5	-18.41	-20.00	-22.89	-17.91	-22.10	-20.36	0.00	-14.00	-39.71	-41.30	-44.19	-39.21	-43.40	-41.66	
-107.0	-16.84	-17.84	-18.42	-17.77	-17.69	-19.60	0.00	-14.00	-38.14	-39.14	-39.72	-39.07	-38.99	-40.90	
-106.5	-15.24	-16.55	-15.69	-16.86	-15.24	-18.76	0.00	-14.00	-36.54	-37.85	-36.99	-38.16	-36.54	-40.06	
-106.0	-14.01	-15.69	-14.68	-15.13	-14.30	-17.37	0.00	-14.00	-35.31	-36.99	-35.98	-36.43	-35.60	-38.67	
-105.5	-13.02	-15.21	-14.98	-13.19	-14.39	-15.88	0.00	-14.00	-34.32	-36.51	-36.28	-34.49	-35.69	-37.18	
-105.0	-12.34	-15.21	-16.13	-11.76	-15.23	-14.99	0.00	-14.00	-33.64	-36.51	-37.43	-33.06	-36.53	-36.29	
-104.5	-12.33	-15.99	-17.31	-11.20	-16.54	-14.93	0.00	-14.00	-33.63	-37.29	-38.61	-32.50	-37.84	-36.23	
-104.0	-12.69	-17.12	-16.86	-11.52	-17.35	-15.57	0.00	-14.00	-33.99	-38.42	-38.16	-32.82	-38.65	-36.87	
-103.5	-13.26	-18.02	-15.33	-12.38	-16.58	-16.14	0.00	-14.00	-34.56	-39.32	-36.63	-33.68	-37.88	-37.44	
-103.0	-13.83	-17.84	-14.12	-13.05	-15.14	-15.48	0.00	-14.00	-35.13	-39.14	-35.42	-34.35	-36.44	-36.78	
-102.5	-14.20	-16.45	-13.73	-12.87	-14.01	-13.74	0.00	-14.00	-35.50	-37.75	-35.03	-34.17	-35.31	-35.04	
-102.0	-14.28	-14.88	-14.09	-12.00	-13.33	-12.19	0.00	-14.00	-35.58	-36.18	-35.39	-33.30	-34.63	-33.49	
-101.5	-14.13	-14.01	-14.81	-11.12	-13.03	-11.45	0.00	-14.00	-35.43	-35.31	-36.11	-32.42	-34.33	-32.75	
-101.0	-13.82	-14.14	-15.36	-10.75	-12.99	-11.61	0.00	-14.00	-35.12	-35.44	-36.66	-32.05	-34.29	-32.91	
-100.5	-13.45	-15.17	-15.54	-10.93	-13.11	-12.48	0.00	-14.00	-34.75	-36.47	-36.84	-32.23	-34.41	-33.78	

Table 2 El Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-100.0	-13.12	-16.75	-15.52	-11.37	-13.39	-13.66	0.00	-14.00	-34.42	-38.05	-36.82	-32.67	-34.69	-34.96	
-99.5	-13.03	-18.29	-15.63	-11.71	-13.89	-14.24	0.00	-14.00	-34.33	-39.59	-36.93	-33.01	-35.19	-35.54	
-99.0	-13.35	-18.63	-16.04	-11.65	-14.52	-13.41	0.00	-14.00	-34.65	-39.93	-37.34	-32.95	-35.82	-34.71	
-98.5	-14.12	-17.51	-16.47	-11.21	-14.96	-11.94	0.00	-14.00	-35.42	-38.81	-37.77	-32.51	-36.26	-33.24	
-98.0	-14.99	-16.20	-16.32	-10.68	-14.49	-10.84	0.00	-14.00	-36.29	-37.50	-37.62	-31.98	-35.79	-32.14	
-97.5	-15.37	-15.34	-15.49	-10.30	-12.98	-10.37	0.00	-14.00	-36.67	-36.64	-36.79	-31.60	-34.28	-31.67	
-97.0	-14.98	-14.91	-14.54	-10.04	-11.34	-10.42	0.00	-14.00	-36.28	-36.21	-35.84	-31.34	-32.64	-31.72	
-96.5	-14.18	-14.81	-13.96	-9.76	-10.20	-10.75	0.00	-14.00	-35.48	-36.11	-35.26	-31.06	-31.50	-32.05	
-96.0	-13.52	-14.97	-14.01	-9.34	-9.70	-10.92	0.00	-14.00	-34.82	-36.27	-35.31	-30.64	-31.00	-32.22	
-95.5	-13.28	-15.27	-14.71	-8.76	-9.79	-10.65	0.00	-14.00	-34.58	-36.57	-36.01	-30.06	-31.09	-31.95	
-95.0	-13.36	-15.59	-15.81	-8.10	-10.32	-10.07	0.00	-14.00	-34.66	-36.89	-37.11	-29.40	-31.62	-31.37	
-94.5	-13.25	-15.67	-16.44	-7.57	-11.03	-9.58	0.00	-14.00	-34.55	-36.97	-37.74	-28.87	-32.33	-30.88	
-94.0	-13.06	-15.77	-16.17	-7.34	-11.41	-9.37	0.00	-14.00	-34.36	-37.07	-37.47	-28.64	-32.71	-30.67	
-93.5	-12.81	-15.80	-15.13	-7.49	-10.96	-9.32	0.00	-14.00	-34.11	-37.10	-36.43	-28.79	-32.26	-30.62	
-93.0	-12.59	-15.51	-14.01	-7.86	-9.87	-9.08	0.00	-14.00	-33.89	-36.81	-35.31	-29.16	-31.17	-30.38	
-92.5	-12.40	-14.76	-13.20	-8.06	-8.73	-8.45	0.00	-14.00	-33.70	-36.06	-34.50	-29.36	-30.03	-29.75	
-92.0	-12.18	-13.76	-12.80	-7.79	-7.91	-7.65	0.00	-14.00	-33.48	-35.06	-34.10	-29.09	-29.21	-28.95	
-91.5	-11.91	-12.91	-12.73	-7.14	-7.55	-7.09	0.00	-14.00	-33.21	-34.21	-34.03	-28.44	-28.85	-28.39	
-91.0	-11.65	-12.42	-12.86	-6.45	-7.62	-6.94	0.00	-14.00	-32.95	-33.72	-34.16	-27.75	-28.92	-28.24	
-90.5	-11.43	-12.24	-12.97	-5.91	-7.88	-7.02	0.00	-14.00	-32.73	-33.54	-34.27	-27.21	-29.18	-28.32	
-90.0	-10.32	-11.29	-12.10	-4.50	-6.91	-6.02	0.00	-14.00	-31.62	-32.59	-33.40	-25.80	-28.21	-27.32	
-89.5	-10.86	-12.26	-12.41	-5.22	-7.77	-7.07	0.00	-14.00	-32.16	-33.56	-33.71	-26.52	-29.07	-28.37	
-89.0	-10.56	-12.54	-11.88	-5.15	-7.44	-7.16	0.00	-14.00	-31.86	-33.84	-33.18	-26.45	-28.74	-28.46	
-88.5	-10.40	-12.89	-11.53	-5.26	-7.17	-7.20	0.00	-14.00	-31.70	-34.19	-32.83	-26.56	-28.47	-28.50	
-88.0	-10.34	-12.97	-11.48	-5.38	-6.97	-6.94	0.00	-14.00	-31.64	-34.27	-32.78	-26.68	-28.27	-28.24	
-87.5	-10.17	-12.52	-11.51	-5.24	-6.66	-6.23	0.00	-14.00	-31.47	-33.82	-32.81	-26.54	-27.96	-27.53	
-87.0	-9.80	-11.69	-11.27	-4.88	-6.15	-5.33	0.00	-14.00	-31.10	-32.99	-32.57	-26.18	-27.45	-26.63	
-86.5	-9.42	-10.93	-10.70	-4.53	-5.59	-4.75	0.00	-14.00	-30.72	-32.23	-32.00	-25.83	-26.89	-26.05	
-86.0	-9.19	-10.51	-10.11	-4.37	-5.17	-4.67	0.00	-14.00	-30.49	-31.81	-31.41	-25.67	-26.47	-25.97	
-85.5	-9.12	-10.36	-9.80	-4.29	-4.90	-4.83	0.00	-14.00	-30.42	-31.66	-31.10	-25.59	-26.20	-26.13	
-85.0	-8.97	-10.20	-9.79	-4.05	-4.72	-4.82	0.00	-14.00	-30.27	-31.50	-31.09	-25.35	-26.02	-26.12	
-84.5	-8.65	-9.94	-9.84	-3.61	-4.58	-4.51	0.00	-14.00	-29.95	-31.24	-31.14	-24.91	-25.88	-25.81	
-84.0	-8.35	-9.82	-9.78	-3.18	-4.59	-4.17	0.00	-14.00	-29.65	-31.12	-31.08	-24.48	-25.89	-25.47	
-83.5	-8.30	-10.04	-9.71	-2.92	-4.82	-4.00	0.00	-14.00	-29.60	-31.34	-31.01	-24.22	-26.12	-25.30	
-83.0	-8.47	-10.47	-9.68	-2.82	-5.16	-3.96	0.00	-14.00	-29.77	-31.77	-30.98	-24.12	-26.46	-25.26	
-82.5	-8.62	-10.79	-9.59	-2.78	-5.35	-3.86	0.00	-14.00	-29.92	-32.09	-30.89	-24.08	-26.65	-25.16	
-82.0	-8.56	-10.75	-9.32	-2.77	-5.27	-3.68	0.00	-14.00	-29.86	-32.05	-30.62	-24.07	-26.57	-24.98	
-81.5	-8.37	-10.48	-8.94	-2.81	-4.99	-3.57	0.00	-14.00	-29.67	-31.78	-30.24	-24.11	-26.29	-24.87	
-81.0	-8.23	-10.23	-8.69	-2.88	-4.69	-3.60	0.00	-14.00	-29.53	-31.53	-29.99	-24.18	-25.99	-24.90	
-80.5	-8.26	-10.14	-8.72	-2.90	-4.51	-3.68	0.00	-14.00	-29.56	-31.44	-30.02	-24.20	-25.81	-24.98	
-80.0	-8.38	-10.15	-8.94	-2.86	-4.46	-3.68	0.00	-14.00	-29.68	-31.45	-30.24	-24.16	-25.76	-24.98	
-79.5	-8.50	-10.16	-9.14	-2.83	-4.51	-3.59	0.00	-14.00	-29.80	-31.46	-30.44	-24.13	-25.81	-24.89	
-79.0	-8.52	-10.15	-9.24	-2.86	-4.56	-3.51	0.00	-14.00	-29.82	-31.45	-30.54	-24.16	-25.86	-24.81	
-78.5	-8.45	-10.14	-9.25	-2.89	-4.55	-3.54	0.00	-14.00	-29.75	-31.44	-30.55	-24.19	-25.85	-24.84	
-78.0	-8.37	-10.21	-9.27	-2.90	-4.58	-3.72	0.00	-14.00	-29.67	-31.51	-30.57	-24.20	-25.88	-25.02	
-77.5	-8.36	-10.42	-9.41	-2.98	-4.79	-4.04	0.00	-14.00	-29.66	-31.72	-30.71	-24.28	-26.09	-25.34	
-77.0	-8.47	-10.81	-9.77	-3.25	-5.23	-4.42	0.00	-14.00	-29.77	-32.11	-31.07	-24.55	-26.53	-25.72	
-76.5	-8.68	-11.27	-10.29	-3.67	-5.76	-4.73	0.00	-14.00	-29.98	-32.57	-31.59	-24.97	-27.06	-26.03	
-76.0	-8.99	-11.62	-10.78	-4.01	-6.15	-4.84	0.00	-14.00	-30.29	-32.92	-32.08	-25.31	-27.45	-26.14	
-75.5	-9.46	-11.78	-11.03	-4.13	-6.34	-4.83	0.00	-14.00	-30.76	-33.08	-32.33	-25.43	-27.64	-26.13	
-75.0	-10.05	-11.87	-11.07	-4.15	-6.43	-4.92	0.00	-14.00	-31.35	-33.17	-32.37	-25.45	-27.73	-26.22	
-74.5	-10.55	-12.05	-11.12	-4.23	-6.56	-5.24	0.00	-14.00	-31.85	-33.35	-32.42	-25.53	-27.86	-26.54	
-74.0	-10.67	-12.36	-11.27	-4.39	-6.76	-5.69	0.00	-14.00	-31.97	-33.66	-32.57	-25.69	-28.06	-26.99	
-73.5	-10.38	-12.76	-11.43	-4.57	-6.99	-5.99	0.00	-14.00	-31.68	-34.06	-32.73	-25.87	-28.29	-27.29	

Table 2 El Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-73.0	-9.93	-13.25	-11.55	-4.72	-7.24	-6.00	0.00	-14.00	-31.23	-34.55	-32.85	-26.02	-28.54	-27.30	
-72.5	-9.63	-13.85	-11.72	-4.83	-7.61	-5.82	0.00	-14.00	-30.93	-35.15	-33.02	-26.13	-28.91	-27.12	
-72.0	-9.54	-14.46	-11.89	-4.84	-8.16	-5.57	0.00	-14.00	-30.84	-35.76	-33.19	-26.14	-29.46	-26.87	
-71.5	-9.62	-14.83	-11.80	-4.70	-8.78	-5.32	0.00	-14.00	-30.92	-36.13	-33.10	-26.00	-30.08	-26.62	
-71.0	-9.76	-14.76	-11.32	-4.46	-9.22	-5.09	0.00	-14.00	-31.06	-36.06	-32.62	-25.76	-30.52	-26.39	
-70.5	-9.92	-14.43	-10.68	-4.29	-9.27	-4.89	0.00	-14.00	-31.22	-35.73	-31.98	-25.59	-30.57	-26.19	
-70.0	-10.02	-14.08	-10.26	-4.31	-8.87	-4.82	0.00	-14.00	-31.32	-35.38	-31.56	-25.61	-30.17	-26.12	
-69.5	-9.96	-13.75	-10.21	-4.51	-8.19	-4.92	0.00	-14.00	-31.26	-35.05	-31.51	-25.81	-29.49	-26.22	
-69.0	-9.79	-13.36	-10.45	-4.77	-7.54	-5.21	0.00	-14.00	-31.09	-34.66	-31.75	-26.07	-28.84	-26.51	
-68.5	-9.66	-12.95	-10.88	-5.02	-7.16	-5.65	0.00	-14.00	-30.96	-34.25	-32.18	-26.32	-28.46	-26.95	
-68.0	-9.72	-12.65	-11.56	-5.22	-7.09	-6.19	0.00	-14.00	-31.02	-33.95	-32.86	-26.52	-28.39	-27.49	
-67.5	-10.03	-12.53	-12.47	-5.39	-7.22	-6.77	0.00	-14.00	-31.33	-33.83	-33.77	-26.69	-28.52	-28.07	
-67.0	-10.51	-12.48	-13.43	-5.54	-7.44	-7.44	0.00	-14.00	-31.81	-33.78	-34.73	-26.84	-28.74	-28.74	
-66.5	-11.08	-12.52	-14.23	-5.67	-7.83	-8.35	0.00	-14.00	-32.38	-33.82	-35.53	-26.97	-29.13	-29.65	
-66.0	-11.65	-12.91	-14.92	-5.81	-8.43	-9.61	0.00	-14.00	-32.95	-34.21	-36.22	-27.11	-29.73	-30.91	
-65.5	-12.06	-13.83	-15.66	-6.05	-9.08	-11.05	0.00	-14.00	-33.36	-35.13	-36.96	-27.35	-30.38	-32.35	
-65.0	-12.18	-15.08	-16.34	-6.52	-9.43	-12.14	0.00	-14.00	-33.48	-36.38	-37.64	-27.82	-30.73	-33.44	
-64.5	-12.05	-16.08	-16.74	-7.33	-9.39	-12.39	0.00	-14.00	-33.35	-37.38	-38.04	-28.63	-30.69	-33.69	
-64.0	-11.93	-16.31	-16.83	-8.42	-9.28	-11.81	0.00	-14.00	-33.23	-37.61	-38.13	-29.72	-30.58	-33.11	
-63.5	-12.05	-15.79	-16.66	-9.34	-9.39	-10.92	0.00	-14.00	-33.35	-37.09	-37.96	-30.64	-30.69	-32.22	
-63.0	-12.50	-14.99	-16.17	-9.53	-9.66	-10.14	0.00	-14.00	-33.80	-36.29	-37.47	-30.83	-30.96	-31.44	
-62.5	-13.26	-14.18	-15.42	-9.05	-9.75	-9.57	0.00	-14.00	-34.56	-35.48	-36.72	-30.35	-31.05	-30.87	
-62.0	-14.22	-13.35	-14.57	-8.46	-9.41	-9.23	0.00	-14.00	-35.52	-34.65	-35.87	-29.76	-30.71	-30.53	
-61.5	-15.24	-12.72	-13.94	-8.26	-8.85	-9.19	0.00	-14.00	-36.54	-34.02	-35.24	-29.56	-30.15	-30.49	
-61.0	-16.18	-12.61	-13.74	-8.68	-8.39	-9.37	0.00	-14.00	-37.48	-33.91	-35.04	-29.98	-29.69	-30.67	
-60.5	-16.94	-13.07	-13.87	-9.70	-8.18	-9.55	0.00	-14.00	-38.24	-34.37	-35.17	-31.00	-29.48	-30.85	
-60.0	-17.53	-13.80	-14.04	-11.20	-8.17	-9.65	0.00	-14.00	-38.83	-35.10	-35.34	-32.50	-29.47	-30.95	
-59.5	-17.73	-14.18	-13.92	-13.12	-8.34	-9.81	0.00	-14.00	-39.03	-35.48	-35.22	-34.42	-29.64	-31.11	
-59.0	-17.67	-14.29	-13.93	-15.23	-8.82	-10.01	0.00	-14.00	-38.97	-35.59	-35.23	-36.53	-30.12	-31.31	
-58.5	-17.31	-14.27	-14.06	-16.89	-9.72	-10.01	0.00	-14.00	-38.61	-35.57	-35.36	-38.19	-31.02	-31.31	
-58.0	-16.95	-14.26	-14.16	-17.01	-10.84	-9.86	0.00	-14.00	-38.25	-35.56	-35.46	-38.31	-32.14	-31.16	
-57.5	-16.88	-14.19	-14.20	-15.50	-11.65	-10.05	0.00	-14.00	-38.18	-35.49	-35.50	-36.80	-32.95	-31.35	
-57.0	-16.86	-13.90	-14.25	-13.82	-11.71	-10.95	0.00	-14.00	-38.16	-35.20	-35.55	-35.12	-33.01	-32.25	
-56.5	-16.46	-13.35	-14.34	-12.80	-11.09	-12.29	0.00	-14.00	-37.76	-34.65	-35.64	-34.10	-32.39	-33.59	
-56.0	-15.60	-12.65	-14.41	-12.33	-10.16	-13.33	0.00	-14.00	-36.90	-33.95	-35.71	-33.63	-31.46	-34.63	
-55.5	-14.62	-11.93	-14.36	-12.14	-9.24	-13.51	0.00	-14.00	-35.92	-33.23	-35.66	-33.44	-30.54	-34.81	
-55.0	-13.86	-11.39	-14.13	-12.18	-8.62	-13.21	0.00	-14.00	-35.16	-32.69	-35.43	-33.48	-29.92	-34.51	
-54.5	-13.16	-11.23	-13.74	-12.21	-8.57	-12.93	0.00	-14.00	-34.46	-32.53	-35.04	-33.51	-29.87	-34.23	
-54.0	-12.03	-11.56	-13.25	-11.64	-9.21	-12.59	0.00	-14.00	-33.33	-32.86	-34.55	-32.94	-30.51	-33.89	
-53.5	-10.70	-12.33	-12.94	-10.58	-10.36	-12.18	0.00	-14.00	-32.00	-33.63	-34.24	-31.88	-31.66	-33.48	
-53.0	-9.93	-13.36	-13.20	-9.82	-11.57	-12.42	0.00	-14.00	-31.23	-34.66	-34.50	-31.12	-32.87	-33.72	
-52.5	-10.09	-14.64	-14.27	-9.82	-12.73	-14.03	0.00	-14.00	-31.39	-35.94	-35.57	-31.12	-34.03	-35.33	
-52.0	-11.07	-16.12	-16.06	-10.59	-14.22	-17.17	0.00	-14.00	-32.37	-37.42	-37.36	-31.89	-35.52	-38.47	
-51.5	-12.63	-17.83	-17.78	-12.04	-16.61	-21.07	0.00	-14.00	-33.93	-39.13	-39.08	-33.34	-37.91	-42.37	
-51.0	-14.55	-21.14	-17.85	-14.10	-21.30	-22.51	0.00	-14.00	-35.85	-42.44	-39.15	-35.40	-42.60	-43.81	
-50.5	-16.32	-25.68	-16.37	-16.39	-34.25	-19.71	0.00	-14.00	-37.62	-46.98	-37.67	-37.69	-55.55	-41.01	
-50.0	-16.74	-18.73	-14.44	-17.67	-20.87	-16.72	0.00	-14.00	-38.04	-40.03	-35.74	-38.97	-42.17	-38.02	
-49.5	-15.41	-14.57	-12.29	-16.91	-15.73	-14.25	0.00	-14.00	-36.71	-35.87	-33.59	-38.21	-37.03	-35.55	
-49.0	-13.11	-12.92	-10.16	-14.92	-13.73	-11.77	0.00	-14.00	-34.41	-34.22	-31.46	-36.22	-35.03	-33.07	
-48.5	-11.18	-12.15	-8.88	-12.94	-12.77	-9.84	0.00	-14.00	-32.48	-33.45	-30.18	-34.24	-34.07	-31.14	
-48.0	-10.09	-11.37	-8.78	-11.62	-11.74	-9.10	0.00	-14.00	-31.39	-32.67	-30.08	-32.92	-33.04	-30.40	
-47.5	-9.82	-10.64	-9.81	-11.03	-10.65	-9.77	0.00	-14.00	-31.12	-31.94	-31.11	-32.33	-31.95	-31.07	
-47.0	-10.16	-10.30	-11.81	-11.06	-10.02	-11.74	0.00	-14.00	-31.46	-31.60	-33.11	-32.36	-31.32	-33.04	
-46.5	-10.95	-10.64	-14.25	-11.73	-10.13	-14.46	0.00	-14.00	-32.25	-31.94	-35.55	-33.03	-31.43	-35.76	

Table 2 El Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-46.0	-12.10	-11.79	-15.90	-13.11	-10.99	-16.38	0.00	-14.00	-33.40	-33.09	-37.20	-34.41	-32.29	-37.68	
-45.5	-13.27	-12.70	-15.21	-14.78	-11.78	-15.77	0.00	-14.00	-34.57	-34.00	-36.51	-36.08	-33.08	-37.07	
-45.0	-13.68	-11.72	-12.77	-15.28	-11.13	-13.30	0.00	-14.00	-34.98	-33.02	-34.07	-36.58	-32.43	-34.60	
-44.5	-12.96	-9.91	-10.39	-14.00	-9.54	-10.96	0.00	-14.00	-34.26	-31.21	-31.69	-35.30	-30.84	-32.26	
-44.0	-11.81	-8.21	-9.06	-12.33	-7.96	-9.71	0.00	-14.00	-33.11	-29.51	-30.36	-33.63	-29.26	-31.01	
-43.5	-11.03	-6.76	-8.94	-11.36	-6.57	-9.74	0.00	-14.00	-32.33	-28.06	-30.24	-32.66	-27.87	-31.04	
-43.0	-10.95	-5.80	-9.83	-11.44	-5.57	-10.75	0.00	-14.00	-32.25	-27.10	-31.13	-32.74	-26.87	-32.05	
-42.5	-11.50	-5.58	-11.20	-12.49	-5.30	-12.10	0.00	-14.00	-32.80	-26.88	-32.50	-33.79	-26.60	-33.40	
-42.0	-12.41	-6.22	-12.44	-14.07	-5.93	-13.15	0.00	-14.00	-33.71	-27.52	-33.74	-35.37	-27.23	-34.45	
-41.5	-13.43	-7.80	-13.11	-15.61	-7.54	-13.71	0.00	-14.00	-34.73	-29.10	-34.41	-36.91	-28.84	-35.01	
-41.0	-14.24	-10.07	-12.85	-16.73	-9.93	-13.37	0.00	-14.00	-35.54	-31.37	-34.15	-38.03	-31.23	-34.67	
-40.5	-14.21	-11.62	-11.62	-16.80	-11.88	-11.95	0.00	-14.00	-35.51	-32.92	-32.92	-38.10	-33.18	-33.25	
-40.0	-12.94	-11.19	-10.38	-15.34	-11.70	-10.62	0.00	-14.00	-34.24	-32.49	-31.68	-36.64	-33.00	-31.92	
-39.5	-11.47	-9.95	-10.10	-13.57	-10.34	-10.38	0.00	-14.00	-32.77	-31.25	-31.40	-34.87	-31.64	-31.68	
-39.0	-10.96	-8.95	-11.01	-12.88	-9.05	-11.27	0.00	-14.00	-32.26	-30.25	-32.31	-34.18	-30.35	-32.57	
-38.5	-12.00	-8.61	-12.51	-13.99	-8.33	-12.52	0.00	-14.00	-33.30	-29.91	-33.81	-35.29	-29.63	-33.82	
-38.0	-14.88	-9.15	-13.65	-17.27	-8.54	-13.28	0.00	-14.00	-36.18	-30.45	-34.95	-38.57	-29.84	-34.58	
-37.5	-18.50	-10.53	-14.13	-19.87	-9.82	-13.52	0.00	-14.00	-39.80	-31.83	-35.43	-41.17	-31.12	-34.82	
-37.0	-18.42	-11.94	-13.39	-17.61	-11.61	-12.63	0.00	-14.00	-39.72	-33.24	-34.69	-38.91	-32.91	-33.93	
-36.5	-17.44	-11.83	-11.34	-16.48	-12.27	-10.65	0.00	-14.00	-38.74	-33.13	-32.64	-37.78	-33.57	-31.95	
-36.0	-18.94	-10.88	-9.54	-17.99	-11.69	-8.97	0.00	-14.00	-40.24	-32.18	-30.84	-39.29	-32.99	-30.27	
-35.5	-23.23	-10.05	-8.93	-22.29	-10.67	-8.40	0.00	-14.00	-44.53	-31.35	-30.23	-43.59	-31.97	-29.70	
-35.0	-19.82	-8.64	-9.62	-21.11	-8.74	-9.01	0.00	-14.00	-41.12	-29.94	-30.92	-42.41	-30.04	-30.31	
-34.5	-15.34	-7.11	-10.86	-16.52	-6.82	-10.03	0.00	-14.00	-36.64	-28.41	-32.16	-37.82	-28.12	-31.33	
-34.0	-13.90	-6.74	-11.37	-14.96	-6.20	-10.35	0.00	-14.00	-35.20	-28.04	-32.67	-36.26	-27.50	-31.65	
-33.5	-12.74	-8.01	-12.24	-13.66	-7.22	-11.08	0.00	-14.00	-34.04	-29.31	-33.54	-34.96	-28.52	-32.38	
-33.0	-9.77	-10.37	-16.03	-10.22	-9.20	-14.48	0.00	-14.00	-31.07	-31.67	-37.33	-31.52	-30.50	-35.78	
-32.5	-7.47	-11.78	-31.79	-7.58	-10.34	-26.02	0.00	-14.00	-28.77	-33.08	-53.09	-28.88	-31.64	-47.32	
-32.0	-7.15	-12.27	-20.79	-7.08	-11.13	-22.54	0.00	-14.00	-28.45	-33.57	-42.09	-28.38	-32.43	-43.84	
-31.5	-9.02	-14.98	-17.35	-8.86	-14.40	-17.97	0.00	-14.00	-30.32	-36.28	-38.65	-30.16	-35.70	-39.27	
-31.0	-13.15	-27.68	-19.84	-12.95	-27.07	-18.76	0.00	-14.00	-34.45	-48.98	-41.14	-34.25	-48.37	-40.06	
-30.5	-18.67	-18.36	-19.59	-18.45	-17.28	-17.18	0.00	-14.00	-39.97	-39.66	-40.89	-39.75	-38.58	-38.48	
-30.0	-19.68	-12.89	-14.50	-19.56	-12.27	-13.77	0.00	-14.00	-40.98	-34.19	-35.80	-40.86	-33.57	-35.07	
-29.5	-14.62	-12.52	-13.58	-14.64	-11.45	-13.32	0.00	-14.00	-35.92	-33.82	-34.88	-35.94	-32.75	-34.62	
-29.0	-10.59	-12.25	-18.25	-10.65	-10.83	-17.80	0.00	-14.00	-31.89	-33.55	-39.55	-31.95	-32.13	-39.10	
-28.5	-9.31	-9.84	-29.68	-9.38	-9.13	-32.65	0.00	-14.00	-30.61	-31.14	-50.98	-30.68	-30.43	-53.95	
-28.0	-11.55	-9.82	-16.42	-11.61	-9.45	-16.97	0.00	-14.00	-32.85	-31.12	-37.72	-32.91	-30.75	-38.27	
-27.5	-22.12	-15.37	-16.82	-21.76	-14.61	-17.01	0.00	-14.00	-43.42	-36.67	-38.12	-43.06	-35.91	-38.31	
-27.0	-18.42	-19.29	-21.27	-17.60	-17.15	-20.52	0.00	-14.00	-39.72	-40.59	-42.57	-38.90	-38.45	-41.82	
-26.5	-13.48	-10.80	-11.95	-12.91	-9.94	-11.88	0.00	-14.00	-34.78	-32.10	-33.25	-34.21	-31.24	-33.18	
-26.0	-16.18	-9.04	-8.73	-15.67	-8.07	-8.79	0.00	-14.00	-37.48	-30.34	-30.03	-36.97	-29.37	-30.09	
-25.5	-17.67	-8.26	-9.70	-20.48	-7.33	-9.86	0.00	-14.00	-38.97	-29.56	-31.00	-41.78	-28.63	-31.16	
-25.0	-11.74	-6.37	-12.78	-12.86	-5.67	-12.58	0.00	-14.00	-33.04	-27.67	-34.08	-34.16	-26.97	-33.88	
-24.5	-10.39	-5.63	-11.87	-11.05	-4.96	-11.03	0.00	-14.00	-31.69	-26.93	-33.17	-32.35	-26.26	-32.33	
-24.0	-10.94	-6.99	-11.26	-11.52	-6.27	-10.34	0.00	-14.00	-32.24	-28.29	-32.56	-32.82	-27.57	-31.64	
-23.5	-9.78	-8.55	-12.47	-10.34	-8.07	-11.44	0.00	-14.00	-31.08	-29.85	-33.77	-31.64	-29.37	-32.74	
-23.0	-9.08	-7.21	-9.35	-9.73	-7.11	-9.00	0.00	-14.00	-30.38	-28.51	-30.65	-31.03	-28.41	-30.30	
-22.5	-10.90	-5.86	-6.28	-11.80	-5.77	-6.09	0.00	-14.00	-32.20	-27.16	-27.58	-33.10	-27.07	-27.39	
-22.0	-11.78	-5.30	-5.61	-12.14	-5.01	-5.20	0.00	-14.00	-33.08	-26.60	-26.91	-33.44	-26.31	-26.50	
-21.5	-9.37	-4.38	-5.93	-9.24	-4.00	-5.44	0.00	-14.00	-30.67	-25.68	-27.23	-30.54	-25.30	-26.74	
-21.0	-9.48	-4.08	-5.49	-9.23	-3.75	-5.56	0.00	-14.00	-30.78	-25.38	-26.79	-30.53	-25.05	-26.86	
-20.5	-12.73	-6.39	-5.72	-12.41	-5.97	-6.20	0.00	-14.00	-34.03	-27.69	-27.02	-33.71	-27.27	-27.50	
-20.0	-12.82	-14.01	-8.39	-13.08	-13.08	-8.91	0.00	-14.00	-34.12	-35.31	-29.69	-34.38	-34.38	-30.21	
-19.5	-13.25	-18.59	-11.03	-13.66	-21.38	-10.85	0.00	-14.00	-34.55	-39.89	-32.33	-34.96	-42.68	-32.15	

Table 2 El Co Coarse	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-19.0	-41.11	-18.61	-10.54	-40.82	-19.46	-9.46	0.03	-13.97	-62.41	-39.91	-31.84	-62.12	-40.76	-30.76	
-18.5	-8.81	-14.08	-11.60	-8.92	-13.37	-11.06	0.32	-13.68	-30.11	-35.38	-32.90	-30.22	-34.67	-32.36	
-18.0	-4.33	-6.03	-6.95	-4.35	-5.74	-8.01	0.62	-13.38	-25.63	-27.33	-28.25	-25.65	-27.04	-29.31	
-17.5	-5.05	-4.35	-3.29	-4.91	-3.77	-3.62	0.92	-13.08	-26.35	-25.65	-24.59	-26.21	-25.07	-24.92	
-17.0	-9.45	-7.27	-3.62	-9.20	-6.01	-3.52	1.24	-12.76	-30.75	-28.57	-24.92	-30.50	-27.31	-24.82	
-16.5	-8.07	-10.77	-8.39	-8.12	-9.89	-8.38	1.56	-12.44	-29.37	-32.07	-29.69	-29.42	-31.19	-29.68	
-16.0	-6.62	-8.26	-19.25	-6.53	-8.24	-23.28	1.90	-12.10	-27.92	-29.56	-40.55	-27.83	-29.54	-44.58	
-15.5	-6.82	-9.74	-23.06	-6.64	-9.18	-25.70	2.24	-11.76	-28.12	-31.04	-44.36	-27.94	-30.48	-47.00	
-15.0	-3.38	-11.50	-10.96	-3.25	-10.92	-11.32	2.60	-11.40	-24.68	-32.80	-32.26	-24.55	-32.22	-32.62	
-14.5	-1.26	-7.30	-5.00	-1.19	-6.68	-4.19	2.97	-11.03	-22.56	-28.60	-26.30	-22.49	-27.98	-25.49	
-14.0	-0.82	-4.51	-3.60	-1.04	-3.74	-2.45	3.35	-10.65	-22.12	-25.81	-24.90	-22.34	-25.04	-23.75	
-13.5	0.63	-1.60	-3.40	0.16	-1.15	-2.69	3.74	-10.26	-20.67	-22.90	-24.70	-21.14	-22.45	-23.99	
-13.0	1.95	0.36	-1.38	1.55	0.74	-1.01	4.15	-9.85	-19.35	-20.94	-22.68	-19.75	-20.56	-22.31	
-12.5	1.13	0.05	-0.53	0.71	0.71	0.05	4.58	-9.42	-20.17	-21.25	-21.83	-20.59	-20.59	-21.25	
-12.0	-1.50	-2.40	-2.53	-2.00	-1.23	-1.64	5.02	-8.98	-22.80	-23.70	-23.83	-23.30	-22.53	-22.94	
-11.5	-2.81	-3.28	-5.53	-2.91	-2.05	-3.92	5.48	-8.52	-24.11	-24.58	-26.83	-24.21	-23.35	-25.22	
-11.0	-3.87	-0.50	-4.27	-3.94	0.37	-2.87	5.97	-8.03	-25.17	-21.80	-25.57	-25.24	-20.93	-24.17	
-10.5	-5.08	2.29	-1.99	-6.31	3.06	-1.51	6.47	-7.53	-26.38	-19.01	-23.29	-27.61	-18.24	-22.81	
-10.0	-0.04	4.72	1.28	-0.57	5.40	1.47	7.00	-7.00	-21.34	-16.58	-20.02	-21.87	-15.90	-19.83	
-9.5	3.16	6.13	4.05	2.91	6.78	4.53	7.56	-6.44	-18.14	-15.17	-17.25	-18.39	-14.52	-16.77	
-9.0	3.52	5.51	4.78	3.15	6.32	5.70	8.14	-5.86	-17.78	-15.79	-16.52	-18.15	-14.98	-15.60	
-8.5	2.61	1.94	3.12	1.74	3.04	4.87	8.76	-5.24	-18.69	-19.36	-18.18	-19.56	-18.26	-16.43	
-8.0	2.57	-3.90	-0.12	1.24	-4.21	2.75	9.42	-4.58	-18.73	-25.20	-21.42	-20.06	-25.51	-18.55	
-7.5	3.45	-5.62	-1.29	2.42	-8.73	1.28	10.12	-3.88	-17.85	-26.92	-22.59	-18.88	-30.03	-20.02	
-7.0	6.79	-25.26	0.07	6.57	-18.87	1.56	10.87	-3.13	-14.51	-46.56	-21.23	-14.73	-40.17	-19.74	
-6.5	10.21	0.71	3.40	10.22	-0.60	3.66	11.68	-2.32	-11.09	-20.59	-17.90	-11.08	-21.90	-17.64	
-6.0	10.53	4.47	4.73	10.52	3.30	4.53	12.55	-1.45	-10.77	-16.83	-16.57	-10.78	-18.00	-16.77	
-5.5	4.33	3.05	-1.33	3.84	1.98	-1.98	13.49	-0.51	-16.97	-18.25	-22.63	-17.46	-19.32	-23.28	
-5.0	5.72	10.02	5.60	6.29	9.69	5.27	14.53	0.53	-15.58	-11.28	-15.70	-15.01	-11.61	-16.03	
-4.5	15.30	16.43	14.65	15.69	16.25	14.64	15.67	1.67	-6.00	-4.87	-6.65	-5.61	-5.05	-6.66	
-4.0	19.68	20.11	19.62	19.87	19.96	19.60	16.95	2.95	-1.62	-1.19	-1.68	-1.43	-1.34	-1.70	
-3.5	22.73	22.39	23.01	22.75	22.16	22.85	18.40	4.40	1.43	1.09	1.71	1.45	0.86	1.55	
-3.0	24.36	23.14	24.68	24.36	22.80	24.44		6.07	3.06	1.84	3.38	3.06	1.50	3.14	
-2.5	22.84	20.51	23.28	23.05	20.31	23.14			1.54	-0.79	1.98	1.75	-0.99	1.84	
-2.0	16.51	18.75	18.59	18.15	20.33	19.82			-4.79	-2.55	-2.71	-3.15	-0.97	-1.48	
-1.5	28.10	29.33	28.54	28.22	29.71	28.82			6.80	8.03	7.24	6.92	8.41	7.52	
-1.0	34.47	34.91	34.72	34.49	35.06	34.80			13.17	13.61	13.42	13.19	13.76	13.50	
-0.5	37.57	37.74	37.78	37.59	37.84	37.83			16.27	16.44	16.48	16.29	16.54	16.53	
0.0	38.52	38.62	38.72	38.54	38.70	38.77			17.22	17.32	17.42	17.24	17.40	17.47	
0.5	37.56	37.74	37.79	37.58	37.82	37.82			16.26	16.44	16.49	16.28	16.52	16.52	
1.0	34.49	34.97	34.81	34.48	35.02	34.76			13.19	13.67	13.51	13.18	13.72	13.46	
1.5	28.23	29.71	28.91	28.09	29.59	28.58			6.93	8.41	7.61	6.79	8.29	7.28	
2.0	16.57	20.94	18.75	16.08	19.93	18.16			-4.73	-0.36	-2.55	-5.22	-1.37	-3.14	
2.5	22.32	20.40	22.17	22.85	20.95	23.33			1.02	-0.90	0.87	1.55	-0.35	2.03	
3.0	23.93	22.39	23.89	24.47	23.34	24.92			6.07	2.63	1.09	2.59	3.17	2.04	
3.5	22.22	21.19	22.26	22.83	22.28	23.22	18.40	4.40	0.92	-0.11	0.96	1.53	0.98	1.92	
4.0	19.10	18.44	18.64	19.66	19.37	19.51	16.95	2.95	-2.20	-2.86	-2.66	-1.64	-1.93	-1.79	
4.5	15.23	15.22	13.61	15.49	15.54	14.43	15.67	1.67	-6.07	-6.08	-7.69	-5.81	-5.76	-6.87	
5.0	8.30	11.49	6.79	8.26	10.96	8.04	14.53	0.53	-13.00	-9.81	-14.51	-13.04	-10.34	-13.26	
5.5	2.42	6.59	0.30	5.17	5.06	3.06	13.49	-0.51	-18.88	-14.71	-21.00	-16.13	-16.24	-18.24	
6.0	9.31	0.51	1.72	10.69	-2.52	3.54	12.55	-1.45	-11.99	-20.79	-19.58	-10.61	-23.82	-17.76	
6.5	9.90	-7.53	1.04	11.11	-6.77	2.44	11.68	-2.32	-11.40	-28.83	-20.26	-10.19	-28.07	-18.86	
7.0	7.02	-10.74	-0.52	8.39	-4.16	0.15	10.87	-3.13	-14.28	-32.04	-21.82	-12.91	-25.46	-21.15	
7.5	2.84	-7.03	-0.02	4.26	-3.12	-1.31	10.12	-3.88	-18.46	-28.33	-21.32	-17.04	-24.42	-22.61	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
8.0	1.25	-4.44	2.00	2.06	-2.20	-0.35	9.42	-4.58	-20.05	-25.74	-19.30	-19.24	-23.50	-21.65	
8.5	2.22	2.10	4.72	2.32	2.44	3.89	8.76	-5.24	-19.08	-19.20	-16.58	-18.98	-18.86	-17.41	
9.0	3.89	5.83	5.82	3.83	5.75	5.88	8.14	-5.86	-17.41	-15.47	-15.48	-17.47	-15.55	-15.42	
9.5	3.66	6.62	4.19	3.87	6.47	4.56	7.56	-6.44	-17.64	-14.68	-17.11	-17.43	-14.83	-16.74	
10.0	0.06	5.19	-0.45	0.66	4.96	-0.44	7.00	-7.00	-21.24	-16.11	-21.75	-20.64	-16.34	-21.74	
10.5	-5.15	2.81	-3.88	-5.07	2.32	-4.91	6.47	-7.53	-26.45	-18.49	-25.18	-26.37	-18.98	-26.21	
11.0	-2.56	1.14	-3.71	-3.02	0.27	-3.92	5.97	-8.03	-23.86	-20.16	-25.01	-24.32	-21.03	-25.22	
11.5	-1.52	0.03	-3.53	-1.83	-1.01	-3.50	5.48	-8.52	-22.82	-21.27	-24.83	-23.13	-22.31	-24.80	
12.0	-0.60	0.67	-0.98	-0.91	0.06	-0.81	5.02	-8.98	-21.90	-20.63	-22.28	-22.21	-21.24	-22.11	
12.5	1.02	1.72	-0.59	0.94	1.51	-0.33	4.58	-9.42	-20.28	-19.58	-21.89	-20.36	-19.79	-21.63	
13.0	0.83	0.70	-2.99	0.86	0.62	-2.98	4.15	-9.85	-20.47	-20.60	-24.29	-20.44	-20.68	-24.28	
13.5	-0.36	-2.05	-2.83	-0.54	-2.30	-3.44	3.74	-10.26	-21.66	-23.35	-24.13	-21.84	-23.60	-24.74	
14.0	0.38	-3.47	-1.53	0.03	-3.97	-2.15	3.35	-10.65	-20.92	-24.77	-22.83	-21.27	-25.27	-23.45	
14.5	0.80	-4.78	-3.98	0.49	-5.15	-4.76	2.97	-11.03	-20.50	-26.08	-25.28	-20.81	-26.45	-26.06	
15.0	-1.25	-8.34	-12.48	-1.67	-8.15	-14.10	2.60	-11.40	-22.55	-29.64	-33.78	-22.97	-29.45	-35.40	
15.5	-4.71	-8.96	-21.22	-5.42	-7.88	-19.53	2.24	-11.76	-26.01	-30.26	-42.52	-26.72	-29.18	-40.83	
16.0	-5.81	-9.10	-28.71	-6.39	-7.85	-27.53	1.90	-12.10	-27.11	-30.40	-50.01	-27.69	-29.15	-48.83	
16.5	-7.43	-10.83	-9.25	-7.95	-10.51	-9.91	1.56	-12.44	-28.73	-32.13	-30.55	-29.25	-31.81	-31.21	
17.0	-8.01	-6.96	-4.39	-8.16	-7.70	-4.92	1.24	-12.76	-29.31	-28.26	-25.69	-29.46	-29.00	-26.22	
17.5	-4.75	-4.92	-4.34	-4.68	-5.31	-4.79	0.92	-13.08	-26.05	-26.22	-25.64	-25.98	-26.61	-26.09	
18.0	-4.35	-6.45	-7.75	-4.23	-6.54	-7.88	0.62	-13.38	-25.65	-27.75	-29.05	-25.53	-27.84	-29.18	
18.5	-8.41	-11.28	-11.00	-8.05	-11.32	-10.79	0.32	-13.68	-29.71	-32.58	-32.30	-29.35	-32.62	-32.09	
19.0	-24.38	-16.66	-10.87	-20.58	-17.82	-11.09	0.03	-13.97	-45.68	-37.96	-32.17	-41.88	-39.12	-32.39	
19.5	-16.02	-18.32	-10.56	-16.63	-19.57	-10.91	0.00	-14.00	-37.32	-39.62	-31.86	-37.93	-40.87	-32.21	
20.0	-14.99	-10.45	-7.30	-14.59	-10.72	-7.40	0.00	-14.00	-36.29	-31.75	-28.60	-35.89	-32.02	-28.70	
20.5	-12.81	-5.01	-5.17	-11.76	-4.95	-4.96	0.00	-14.00	-34.11	-26.31	-26.47	-33.06	-26.25	-26.26	
21.0	-9.18	-3.10	-5.66	-8.58	-2.78	-5.13	0.00	-14.00	-30.48	-24.40	-26.96	-29.88	-24.08	-26.43	
21.5	-9.90	-3.78	-7.00	-9.35	-3.28	-6.50	0.00	-14.00	-31.20	-25.08	-28.30	-30.65	-24.58	-27.80	
22.0	-14.62	-5.68	-6.32	-14.28	-5.26	-6.20	0.00	-14.00	-35.92	-26.98	-27.62	-35.58	-26.56	-27.50	
22.5	-11.19	-6.80	-6.53	-11.54	-6.53	-6.33	0.00	-14.00	-32.49	-28.10	-27.83	-32.84	-27.83	-27.63	
23.0	-8.31	-8.20	-10.08	-8.54	-7.65	-9.65	0.00	-14.00	-29.61	-29.50	-31.38	-29.84	-28.95	-30.95	
23.5	-9.50	-9.01	-13.19	-9.73	-8.48	-13.46	0.00	-14.00	-30.80	-30.31	-34.49	-31.03	-29.78	-34.76	
24.0	-12.83	-6.51	-10.94	-12.95	-6.31	-11.24	0.00	-14.00	-34.13	-27.81	-32.24	-34.25	-27.61	-32.54	
24.5	-13.24	-5.19	-12.04	-13.20	-4.85	-11.99	0.00	-14.00	-34.54	-26.49	-33.34	-34.50	-26.15	-33.29	
25.0	-14.37	-5.96	-11.77	-14.72	-5.39	-11.98	0.00	-14.00	-35.67	-27.26	-33.07	-36.02	-26.69	-33.28	
25.5	-18.24	-7.29	-8.29	-19.07	-6.61	-8.60	0.00	-14.00	-39.54	-28.59	-29.59	-40.37	-27.91	-29.90	
26.0	-13.91	-8.33	-7.87	-13.75	-7.54	-8.05	0.00	-14.00	-35.21	-29.63	-29.17	-35.05	-28.84	-29.35	
26.5	-11.64	-11.11	-11.37	-11.56	-9.95	-11.21	0.00	-14.00	-32.94	-32.41	-32.67	-32.86	-31.25	-32.51	
27.0	-14.70	-18.45	-20.27	-14.89	-16.36	-17.51	0.00	-14.00	-36.00	-39.75	-41.57	-36.19	-37.66	-38.81	
27.5	-33.98	-15.10	-19.16	-31.08	-15.46	-16.52	0.00	-14.00	-55.28	-36.40	-40.46	-52.38	-36.76	-37.82	
28.0	-13.78	-10.21	-18.63	-12.94	-10.46	-16.49	0.00	-14.00	-35.08	-31.51	-39.93	-34.24	-31.76	-37.79	
28.5	-10.16	-9.25	-30.50	-9.40	-9.41	-25.12	0.00	-14.00	-31.46	-30.55	-51.80	-30.70	-30.71	-46.42	
29.0	-10.85	-10.74	-19.85	-9.97	-10.68	-21.88	0.00	-14.00	-32.15	-32.04	-41.15	-31.27	-31.98	-43.18	
29.5	-14.80	-12.83	-14.59	-13.76	-12.28	-14.94	0.00	-14.00	-36.10	-34.13	-35.89	-35.06	-33.58	-36.24	
30.0	-20.36	-13.82	-14.70	-19.47	-13.18	-14.64	0.00	-14.00	-41.66	-35.12	-36.00	-40.77	-34.48	-35.94	
30.5	-18.66	-17.04	-19.72	-18.31	-16.54	-19.58	0.00	-14.00	-39.96	-38.34	-41.02	-39.61	-37.84	-40.88	
31.0	-12.95	-21.35	-31.80	-12.32	-21.83	-26.41	0.00	-14.00	-34.25	-42.65	-53.10	-33.62	-43.13	-47.71	
31.5	-9.02	-14.56	-24.84	-8.32	-14.87	-20.69	0.00	-14.00	-30.32	-35.86	-46.14	-29.62	-36.17	-41.99	
32.0	-7.41	-12.41	-32.68	-6.86	-12.33	-24.23	0.00	-14.00	-28.71	-33.71	-53.98	-28.16	-33.63	-45.53	
32.5	-7.92	-12.89	-19.84	-7.70	-11.94	-23.72	0.00	-14.00	-29.22	-34.19	-41.14	-29.00	-33.24	-45.02	
33.0	-10.40	-11.38	-13.39	-10.45	-10.18	-14.70	0.00	-14.00	-31.70	-32.68	-34.69	-31.75	-31.48	-36.00	
33.5	-14.27	-8.63	-11.27	-13.50	-7.95	-11.63	0.00	-14.00	-35.57	-29.93	-32.57	-34.80	-29.25	-32.93	
34.0	-16.52	-7.24	-11.27	-14.55	-6.88	-11.05	0.00	-14.00	-37.82	-28.54	-32.57	-35.85	-28.18	-32.35	
34.5	-17.19	-7.16	-11.68	-15.77	-6.95	-11.29	0.00	-14.00	-38.49	-28.46	-32.98	-37.07	-28.25	-32.59	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
35.0	-21.51	-8.01	-11.13	-20.66	-7.92	-10.84	0.00	-14.00	-42.81	-29.31	-32.43	-41.96	-29.22	-32.14	
35.5	-29.14	-9.51	-10.29	-30.49	-9.58	-9.83	0.00	-14.00	-50.44	-30.81	-31.59	-51.79	-30.88	-31.13	
36.0	-17.91	-11.09	-10.33	-17.98	-11.27	-9.52	0.00	-14.00	-39.21	-32.39	-31.63	-39.28	-32.57	-30.82	
36.5	-15.46	-12.26	-11.70	-15.43	-12.26	-10.61	0.00	-14.00	-36.76	-33.56	-33.00	-36.73	-33.56	-31.91	
37.0	-17.71	-12.47	-14.01	-17.74	-12.09	-12.93	0.00	-14.00	-39.01	-33.77	-35.31	-39.04	-33.39	-34.23	
37.5	-22.38	-11.14	-15.80	-21.04	-10.48	-15.15	0.00	-14.00	-43.68	-32.44	-37.10	-42.34	-31.78	-36.45	
38.0	-16.64	-9.70	-16.35	-15.02	-8.92	-16.11	0.00	-14.00	-37.94	-31.00	-37.65	-36.32	-30.22	-37.41	
38.5	-13.18	-9.21	-15.04	-11.95	-8.40	-15.25	0.00	-14.00	-34.48	-30.51	-36.34	-33.25	-29.70	-36.55	
39.0	-12.46	-9.42	-12.54	-11.60	-8.79	-12.96	0.00	-14.00	-33.76	-30.72	-33.84	-32.90	-30.09	-34.26	
39.5	-13.37	-9.94	-11.07	-12.92	-9.66	-11.46	0.00	-14.00	-34.67	-31.24	-32.37	-34.22	-30.96	-32.76	
40.0	-15.23	-10.76	-11.13	-15.05	-10.71	-11.37	0.00	-14.00	-36.53	-32.06	-32.43	-36.35	-32.01	-32.67	
40.5	-17.35	-11.39	-12.39	-17.13	-11.28	-12.31	0.00	-14.00	-38.65	-32.69	-33.69	-38.43	-32.58	-33.61	
41.0	-18.25	-10.64	-13.97	-17.78	-10.38	-13.48	0.00	-14.00	-39.55	-31.94	-35.27	-39.08	-31.68	-34.78	
41.5	-16.57	-8.72	-14.71	-15.96	-8.41	-14.01	0.00	-14.00	-37.87	-30.02	-36.01	-37.26	-29.71	-35.31	
42.0	-13.51	-6.92	-14.03	-12.93	-6.65	-13.68	0.00	-14.00	-34.81	-28.22	-35.33	-34.23	-27.95	-34.98	
42.5	-10.99	-5.95	-12.10	-10.44	-5.78	-12.53	0.00	-14.00	-32.29	-27.25	-33.40	-31.74	-27.08	-33.83	
43.0	-9.76	-5.98	-9.96	-9.28	-5.90	-10.71	0.00	-14.00	-31.06	-27.28	-31.26	-30.58	-27.20	-32.01	
43.5	-9.90	-6.74	-8.70	-9.56	-6.64	-9.18	0.00	-14.00	-31.20	-28.04	-30.00	-30.86	-27.94	-30.48	
44.0	-11.26	-7.76	-8.72	-11.15	-7.52	-8.82	0.00	-14.00	-32.56	-29.06	-30.02	-32.45	-28.82	-30.12	
44.5	-13.48	-8.97	-9.97	-13.70	-8.67	-9.86	0.00	-14.00	-34.78	-30.27	-31.27	-35.00	-29.97	-31.16	
45.0	-15.80	-10.72	-12.10	-16.42	-10.59	-12.15	0.00	-14.00	-37.10	-32.02	-33.40	-37.72	-31.89	-33.45	
45.5	-16.79	-12.91	-14.33	-17.65	-13.22	-14.92	0.00	-14.00	-38.09	-34.21	-35.63	-38.95	-34.52	-36.22	
46.0	-15.43	-13.70	-15.40	-16.05	-14.59	-16.57	0.00	-14.00	-36.73	-35.00	-36.70	-37.35	-35.89	-37.87	
46.5	-12.86	-12.57	-14.53	-13.07	-13.30	-16.02	0.00	-14.00	-34.16	-33.87	-35.83	-34.37	-34.60	-37.32	
47.0	-10.65	-11.73	-12.55	-10.62	-11.88	-14.00	0.00	-14.00	-31.95	-33.03	-33.85	-31.92	-33.18	-35.30	
47.5	-9.55	-11.85	-10.78	-9.47	-11.70	-11.89	0.00	-14.00	-30.85	-33.15	-32.08	-30.77	-33.00	-33.19	
48.0	-9.78	-12.34	-9.94	-9.78	-12.53	-10.53	0.00	-14.00	-31.08	-33.64	-31.24	-31.08	-33.83	-31.83	
48.5	-11.35	-12.51	-10.19	-11.55	-13.11	-10.25	0.00	-14.00	-32.65	-33.81	-31.49	-32.85	-34.41	-31.55	
49.0	-14.16	-12.68	-11.41	-14.69	-12.95	-11.05	0.00	-14.00	-35.46	-33.98	-32.71	-35.99	-34.25	-32.35	
49.5	-17.60	-13.70	-13.35	-19.25	-13.50	-12.66	0.00	-14.00	-38.90	-35.00	-34.65	-40.55	-34.80	-33.96	
50.0	-19.26	-16.49	-15.70	-24.18	-16.11	-14.29	0.00	-14.00	-40.56	-37.79	-37.00	-45.48	-37.41	-35.59	
50.5	-17.75	-22.77	-18.02	-23.57	-22.51	-15.05	0.00	-14.00	-39.05	-44.07	-39.32	-44.87	-43.81	-36.35	
51.0	-14.86	-23.82	-19.38	-18.99	-29.05	-15.29	0.00	-14.00	-36.16	-45.12	-40.68	-40.29	-50.35	-36.59	
51.5	-12.02	-18.33	-19.95	-14.23	-20.89	-15.69	0.00	-14.00	-33.32	-39.63	-41.25	-35.53	-42.19	-36.99	
52.0	-10.07	-16.02	-18.54	-10.91	-17.25	-15.77	0.00	-14.00	-31.37	-37.32	-39.84	-32.21	-38.55	-37.07	
52.5	-9.32	-14.74	-15.98	-9.29	-14.73	-14.79	0.00	-14.00	-30.62	-36.04	-37.28	-30.59	-36.03	-36.09	
53.0	-9.71	-13.25	-14.48	-9.05	-12.38	-13.46	0.00	-14.00	-31.01	-34.55	-35.78	-30.35	-33.68	-34.76	
53.5	-10.95	-11.70	-14.31	-9.60	-10.25	-12.64	0.00	-14.00	-32.25	-33.00	-35.61	-30.90	-31.55	-33.94	
54.0	-12.52	-10.58	-14.82	-10.30	-8.58	-12.42	0.00	-14.00	-33.82	-31.88	-36.12	-31.60	-29.88	-33.72	
54.5	-13.80	-10.06	-15.23	-10.87	-7.56	-12.60	0.00	-14.00	-35.10	-31.36	-36.53	-32.17	-28.86	-33.90	
55.0	-14.51	-10.20	-15.45	-11.20	-7.28	-12.88	0.00	-14.00	-35.81	-31.50	-36.75	-32.50	-28.58	-34.18	
55.5	-15.01	-10.95	-15.69	-11.15	-7.69	-12.81	0.00	-14.00	-36.31	-32.25	-36.99	-32.45	-28.99	-34.11	
56.0	-15.86	-12.11	-15.82	-11.19	-8.59	-12.20	0.00	-14.00	-37.16	-33.41	-37.12	-32.49	-29.89	-33.50	
56.5	-17.27	-13.38	-15.67	-11.90	-9.72	-11.41	0.00	-14.00	-38.57	-34.68	-36.97	-33.20	-31.02	-32.71	
57.0	-19.00	-14.51	-15.26	-13.31	-10.79	-10.76	0.00	-14.00	-40.30	-35.81	-36.56	-34.61	-32.09	-32.06	
57.5	-20.49	-15.35	-14.83	-14.86	-11.51	-10.36	0.00	-14.00	-41.79	-36.65	-36.13	-36.16	-32.81	-31.66	
58.0	-21.15	-15.69	-14.64	-15.69	-11.51	-10.22	0.00	-14.00	-42.45	-36.99	-35.94	-36.99	-32.81	-31.52	
58.5	-21.03	-15.42	-14.91	-15.56	-10.75	-10.18	0.00	-14.00	-42.33	-36.72	-36.21	-36.86	-32.05	-31.48	
59.0	-20.75	-14.74	-15.59	-14.87	-9.59	-10.11	0.00	-14.00	-42.05	-36.04	-36.89	-36.17	-30.89	-31.41	
59.5	-20.22	-14.10	-16.22	-13.74	-8.53	-10.07	0.00	-14.00	-41.52	-35.40	-37.52	-35.04	-29.83	-31.37	
60.0	-18.85	-13.84	-16.25	-12.21	-7.87	-10.16	0.00	-14.00	-40.15	-35.14	-37.55	-33.51	-29.17	-31.46	
60.5	-16.93	-13.77	-15.63	-10.68	-7.69	-10.22	0.00	-14.00	-38.23	-35.07	-36.93	-31.98	-28.99	-31.52	
61.0	-15.49	-13.97	-15.15	-9.56	-7.88	-9.98	0.00	-14.00	-36.79	-35.27	-36.45	-30.86	-29.18	-31.28	
61.5	-14.63	-14.34	-14.99	-8.87	-8.26	-9.50	0.00	-14.00	-35.93	-35.64	-36.29	-30.17	-29.56	-30.80	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
62.0	-14.05	-14.91	-15.12	-8.42	-8.64	-9.11	0.00	-14.00	-35.35	-36.21	-36.42	-29.72	-29.94	-30.41	
62.5	-13.59	-15.68	-15.52	-8.11	-8.94	-9.11	0.00	-14.00	-34.89	-36.98	-36.82	-29.41	-30.24	-30.41	
63.0	-13.34	-16.44	-16.23	-8.01	-9.22	-9.55	0.00	-14.00	-34.64	-37.74	-37.53	-29.31	-30.52	-30.85	
63.5	-13.36	-16.86	-16.99	-8.18	-9.58	-10.24	0.00	-14.00	-34.66	-38.16	-38.29	-29.48	-30.88	-31.54	
64.0	-13.55	-16.72	-17.25	-8.46	-9.95	-10.81	0.00	-14.00	-34.85	-38.02	-38.55	-29.76	-31.25	-32.11	
64.5	-13.67	-16.12	-16.74	-8.53	-10.07	-10.95	0.00	-14.00	-34.97	-37.42	-38.04	-29.83	-31.37	-32.25	
65.0	-13.49	-15.37	-15.89	-8.24	-9.74	-10.65	0.00	-14.00	-34.79	-36.67	-37.19	-29.54	-31.04	-31.95	
65.5	-13.11	-14.73	-15.23	-7.78	-9.12	-10.19	0.00	-14.00	-34.41	-36.03	-36.53	-29.08	-30.42	-31.49	
66.0	-12.71	-14.28	-14.83	-7.38	-8.55	-9.74	0.00	-14.00	-34.01	-35.58	-36.13	-28.68	-29.85	-31.04	
66.5	-12.32	-13.93	-14.36	-7.03	-8.18	-9.20	0.00	-14.00	-33.62	-35.23	-35.66	-28.33	-29.48	-30.50	
67.0	-11.84	-13.54	-13.66	-6.62	-7.97	-8.48	0.00	-14.00	-33.14	-34.84	-34.96	-27.92	-29.27	-29.78	
67.5	-11.25	-13.16	-12.92	-6.11	-7.82	-7.72	0.00	-14.00	-32.55	-34.46	-34.22	-27.41	-29.12	-29.02	
68.0	-10.67	-12.93	-12.27	-5.65	-7.70	-7.10	0.00	-14.00	-31.97	-34.23	-33.57	-26.95	-29.00	-28.40	
68.5	-10.21	-12.92	-11.68	-5.30	-7.66	-6.59	0.00	-14.00	-31.51	-34.22	-32.98	-26.60	-28.96	-27.89	
69.0	-9.90	-13.02	-11.20	-5.04	-7.68	-6.09	0.00	-14.00	-31.20	-34.32	-32.50	-26.34	-28.98	-27.39	
69.5	-9.72	-13.10	-10.99	-4.84	-7.72	-5.63	0.00	-14.00	-31.02	-34.40	-32.29	-26.14	-29.02	-26.93	
70.0	-9.68	-13.15	-11.07	-4.75	-7.77	-5.43	0.00	-14.00	-30.98	-34.45	-32.37	-26.05	-29.07	-26.73	
70.5	-9.75	-13.18	-11.28	-4.77	-7.83	-5.60	0.00	-14.00	-31.05	-34.48	-32.58	-26.07	-29.13	-26.90	
71.0	-9.91	-13.13	-11.42	-4.83	-7.90	-6.00	0.00	-14.00	-31.21	-34.43	-32.72	-26.13	-29.20	-27.30	
71.5	-10.14	-12.97	-11.52	-4.91	-7.97	-6.34	0.00	-14.00	-31.44	-34.27	-32.82	-26.21	-29.27	-27.64	
72.0	-10.43	-12.77	-11.71	-5.09	-8.07	-6.49	0.00	-14.00	-31.73	-34.07	-33.01	-26.39	-29.37	-27.79	
72.5	-10.74	-12.63	-11.91	-5.43	-8.05	-6.53	0.00	-14.00	-32.04	-33.93	-33.21	-26.73	-29.35	-27.83	
73.0	-10.95	-12.43	-11.91	-5.79	-7.70	-6.57	0.00	-14.00	-32.25	-33.73	-33.21	-27.09	-29.00	-27.87	
73.5	-10.95	-12.04	-11.66	-5.90	-7.01	-6.57	0.00	-14.00	-32.25	-33.34	-32.96	-27.20	-28.31	-27.87	
74.0	-10.76	-11.50	-11.39	-5.66	-6.29	-6.44	0.00	-14.00	-32.06	-32.80	-32.69	-26.96	-27.59	-27.74	
74.5	-10.54	-11.03	-11.27	-5.29	-5.85	-6.23	0.00	-14.00	-31.84	-32.33	-32.57	-26.59	-27.15	-27.53	
75.0	-10.39	-10.70	-11.13	-5.04	-5.67	-5.99	0.00	-14.00	-31.69	-32.00	-32.43	-26.34	-26.97	-27.29	
75.5	-10.25	-10.38	-10.74	-4.89	-5.52	-5.67	0.00	-14.00	-31.55	-31.68	-32.04	-26.19	-26.82	-26.97	
76.0	-10.01	-10.00	-10.15	-4.66	-5.31	-5.19	0.00	-14.00	-31.31	-31.30	-31.45	-25.96	-26.61	-26.49	
76.5	-9.64	-9.69	-9.64	-4.28	-5.13	-4.65	0.00	-14.00	-30.94	-30.99	-30.94	-25.58	-26.43	-25.95	
77.0	-9.28	-9.60	-9.34	-3.91	-5.06	-4.25	0.00	-14.00	-30.58	-30.90	-30.64	-25.21	-26.36	-25.55	
77.5	-9.01	-9.67	-9.16	-3.69	-5.01	-4.08	0.00	-14.00	-30.31	-30.97	-30.46	-24.99	-26.31	-25.38	
78.0	-8.83	-9.67	-8.97	-3.57	-4.84	-4.02	0.00	-14.00	-30.13	-30.97	-30.27	-24.87	-26.14	-25.32	
78.5	-8.68	-9.48	-8.81	-3.46	-4.65	-3.94	0.00	-14.00	-29.98	-30.78	-30.11	-24.76	-25.95	-25.24	
79.0	-8.59	-9.27	-8.68	-3.33	-4.65	-3.84	0.00	-14.00	-29.89	-30.57	-29.98	-24.63	-25.95	-25.14	
79.5	-8.53	-9.21	-8.57	-3.25	-4.79	-3.77	0.00	-14.00	-29.83	-30.51	-29.87	-24.55	-26.09	-25.07	
80.0	-8.48	-9.26	-8.43	-3.25	-4.82	-3.72	0.00	-14.00	-29.78	-30.56	-29.73	-24.55	-26.12	-25.02	
80.5	-8.42	-9.29	-8.34	-3.31	-4.63	-3.68	0.00	-14.00	-29.72	-30.59	-29.64	-24.61	-25.93	-24.98	
81.0	-8.38	-9.30	-8.36	-3.36	-4.48	-3.68	0.00	-14.00	-29.68	-30.60	-29.66	-24.66	-25.78	-24.98	
81.5	-8.37	-9.37	-8.47	-3.34	-4.54	-3.76	0.00	-14.00	-29.67	-30.67	-29.77	-24.64	-25.84	-25.06	
82.0	-8.37	-9.49	-8.50	-3.21	-4.71	-3.86	0.00	-14.00	-29.67	-30.79	-29.80	-24.51	-26.01	-25.16	
82.5	-8.36	-9.56	-8.44	-3.03	-4.74	-3.89	0.00	-14.00	-29.66	-30.86	-29.74	-24.33	-26.04	-25.19	
83.0	-8.39	-9.65	-8.45	-2.96	-4.75	-3.88	0.00	-14.00	-29.69	-30.95	-29.75	-24.26	-26.05	-25.18	
83.5	-8.51	-9.94	-8.67	-3.12	-5.03	-3.97	0.00	-14.00	-29.81	-31.24	-29.97	-24.42	-26.33	-25.27	
84.0	-8.66	-10.45	-9.00	-3.47	-5.58	-4.23	0.00	-14.00	-29.96	-31.75	-30.30	-24.77	-26.88	-25.53	
84.5	-8.72	-10.94	-9.24	-3.75	-6.04	-4.47	0.00	-14.00	-30.02	-32.24	-30.54	-25.05	-27.34	-25.77	
85.0	-8.64	-11.18	-9.34	-3.77	-6.16	-4.55	0.00	-14.00	-29.94	-32.48	-30.64	-25.07	-27.46	-25.85	
85.5	-8.57	-11.31	-9.47	-3.67	-6.20	-4.60	0.00	-14.00	-29.87	-32.61	-30.77	-24.97	-27.50	-25.90	
86.0	-8.68	-11.59	-9.82	-3.69	-6.52	-4.91	0.00	-14.00	-29.98	-32.89	-31.12	-24.99	-27.82	-26.21	
86.5	-8.98	-12.00	-10.33	-3.93	-7.05	-5.51	0.00	-14.00	-30.28	-33.30	-31.63	-25.23	-28.35	-26.81	
87.0	-9.32	-12.22	-10.74	-4.23	-7.31	-6.14	0.00	-14.00	-30.62	-33.52	-32.04	-25.53	-28.61	-27.44	
87.5	-9.56	-12.09	-10.93	-4.44	-7.09	-6.48	0.00	-14.00	-30.86	-33.39	-32.23	-25.74	-28.39	-27.78	
88.0	-9.77	-11.85	-11.07	-4.62	-6.76	-6.50	0.00	-14.00	-31.07	-33.15	-32.37	-25.92	-28.06	-27.80	
88.5	-10.11	-11.83	-11.37	-4.93	-6.74	-6.47	0.00	-14.00	-31.41	-33.13	-32.67	-26.23	-28.04	-27.77	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
89.0	-10.64	-12.05	-11.81	-5.40	-7.05	-6.60	0.00	-14.00	-31.94	-33.35	-33.11	-26.70	-28.35	-27.90	
89.5	-11.23	-12.30	-12.20	-5.93	-7.46	-6.86	0.00	-14.00	-32.53	-33.60	-33.50	-27.23	-28.76	-28.16	
90.0	-10.80	-11.50	-11.64	-5.34	-6.76	-6.08	0.00	-14.00	-32.10	-32.80	-32.94	-26.64	-28.06	-27.38	
90.5	-12.03	-12.46	-12.43	-6.71	-8.21	-7.43	0.00	-14.00	-33.33	-33.76	-33.73	-28.01	-29.51	-28.73	
91.0	-12.25	-12.68	-12.49	-7.03	-8.69	-7.75	0.00	-14.00	-33.55	-33.98	-33.79	-28.33	-29.99	-29.05	
91.5	-12.39	-13.04	-12.67	-7.32	-9.04	-8.09	0.00	-14.00	-33.69	-34.34	-33.97	-28.62	-30.34	-29.39	
92.0	-12.42	-13.48	-12.95	-7.51	-9.10	-8.45	0.00	-14.00	-33.72	-34.78	-34.25	-28.81	-30.40	-29.75	
92.5	-12.35	-14.01	-13.29	-7.58	-9.12	-8.85	0.00	-14.00	-33.65	-35.31	-34.59	-28.88	-30.42	-30.15	
93.0	-12.29	-14.65	-13.63	-7.60	-9.45	-9.32	0.00	-14.00	-33.59	-35.95	-34.93	-28.90	-30.75	-30.62	
93.5	-12.35	-15.27	-13.95	-7.64	-10.07	-9.79	0.00	-14.00	-33.65	-36.57	-35.25	-28.94	-31.37	-31.09	
94.0	-12.59	-15.58	-14.22	-7.73	-10.63	-10.11	0.00	-14.00	-33.89	-36.88	-35.52	-29.03	-31.93	-31.41	
94.5	-13.00	-15.47	-14.50	-7.88	-10.79	-10.22	0.00	-14.00	-34.30	-36.77	-35.80	-29.18	-32.09	-31.52	
95.0	-13.57	-15.27	-14.90	-8.19	-10.76	-10.24	0.00	-14.00	-34.87	-36.57	-36.20	-29.49	-32.06	-31.54	
95.5	-13.98	-15.16	-15.22	-8.78	-11.03	-10.37	0.00	-14.00	-35.28	-36.46	-36.52	-30.08	-32.33	-31.67	
96.0	-14.34	-15.51	-15.63	-9.57	-11.77	-10.65	0.00	-14.00	-35.64	-36.81	-36.93	-30.87	-33.07	-31.95	
96.5	-14.40	-16.06	-15.92	-10.25	-12.73	-10.97	0.00	-14.00	-35.70	-37.36	-37.22	-31.55	-34.03	-32.27	
97.0	-14.06	-16.43	-15.98	-10.50	-13.32	-11.28	0.00	-14.00	-35.36	-37.73	-37.28	-31.80	-34.62	-32.58	
97.5	-13.52	-16.50	-15.84	-10.34	-13.30	-11.64	0.00	-14.00	-34.82	-37.80	-37.14	-31.64	-34.60	-32.94	
98.0	-13.14	-16.38	-15.64	-10.14	-12.97	-12.17	0.00	-14.00	-34.44	-37.68	-36.94	-31.44	-34.27	-33.47	
98.5	-13.17	-16.21	-15.44	-10.25	-12.73	-12.72	0.00	-14.00	-34.47	-37.51	-36.74	-31.55	-34.03	-34.02	
99.0	-13.54	-16.02	-15.27	-10.70	-12.67	-12.97	0.00	-14.00	-34.84	-37.32	-36.57	-32.00	-33.97	-34.27	
99.5	-13.92	-15.70	-15.13	-11.27	-12.69	-12.76	0.00	-14.00	-35.22	-37.00	-36.43	-32.57	-33.99	-34.06	
100.0	-13.99	-15.24	-15.02	-11.74	-12.76	-12.39	0.00	-14.00	-35.29	-36.54	-36.32	-33.04	-34.06	-33.69	
100.5	-13.76	-14.97	-14.98	-12.13	-13.07	-12.30	0.00	-14.00	-35.06	-36.27	-36.28	-33.43	-34.37	-33.60	
101.0	-13.52	-15.13	-15.13	-12.59	-13.71	-12.71	0.00	-14.00	-34.82	-36.43	-36.43	-33.89	-35.01	-34.01	
101.5	-13.43	-15.61	-15.45	-13.06	-14.47	-13.49	0.00	-14.00	-34.73	-36.91	-36.75	-34.36	-35.77	-34.79	
102.0	-13.49	-16.07	-15.83	-13.22	-14.93	-14.29	0.00	-14.00	-34.79	-37.37	-37.13	-34.52	-36.23	-35.59	
102.5	-13.53	-16.16	-16.09	-12.97	-14.87	-14.70	0.00	-14.00	-34.83	-37.46	-37.39	-34.27	-36.17	-36.00	
103.0	-13.44	-15.87	-16.10	-12.56	-14.55	-14.61	0.00	-14.00	-34.74	-37.17	-37.40	-33.86	-35.85	-35.91	
103.5	-13.29	-15.43	-15.88	-12.35	-14.38	-14.44	0.00	-14.00	-34.59	-36.73	-37.18	-33.65	-35.68	-35.74	
104.0	-13.29	-15.09	-15.62	-12.66	-14.66	-14.68	0.00	-14.00	-34.59	-36.39	-36.92	-33.96	-35.96	-35.98	
104.5	-13.59	-14.99	-15.60	-13.46	-15.46	-15.37	0.00	-14.00	-34.89	-36.29	-36.90	-34.76	-36.76	-36.67	
105.0	-14.03	-15.23	-16.02	-14.27	-16.61	-16.18	0.00	-14.00	-35.33	-36.53	-37.32	-35.57	-37.91	-37.48	
105.5	-14.56	-16.12	-17.08	-14.57	-17.72	-16.80	0.00	-14.00	-35.86	-37.42	-38.38	-35.87	-39.02	-38.10	
106.0	-14.83	-17.29	-18.15	-14.53	-18.48	-17.18	0.00	-14.00	-36.13	-38.59	-39.45	-35.83	-39.78	-38.48	
106.5	-14.98	-18.32	-18.69	-14.71	-18.72	-17.46	0.00	-14.00	-36.28	-39.62	-39.99	-36.01	-40.02	-38.76	
107.0	-15.31	-18.63	-18.65	-15.49	-18.51	-17.88	0.00	-14.00	-36.61	-39.93	-39.95	-36.79	-39.81	-39.18	
107.5	-16.11	-18.41	-18.51	-16.89	-18.35	-18.65	0.00	-14.00	-37.41	-39.71	-39.81	-38.19	-39.65	-39.95	
108.0	-17.54	-18.46	-18.72	-18.45	-18.77	-19.79	0.00	-14.00	-38.84	-39.76	-40.02	-39.75	-40.07	-41.09	
108.5	-19.56	-19.38	-19.36	-19.55	-19.93	-21.15	0.00	-14.00	-40.86	-40.68	-40.66	-40.85	-41.23	-42.45	
109.0	-21.57	-21.28	-20.22	-20.12	-21.40	-22.39	0.00	-14.00	-42.87	-42.58	-41.52	-41.42	-42.70	-43.69	
109.5	-21.92	-23.07	-20.97	-20.39	-21.92	-23.01	0.00	-14.00	-43.22	-44.37	-42.27	-41.69	-43.22	-44.31	
110.0	-20.67	-23.15	-21.53	-20.29	-21.06	-22.83	0.00	-14.00	-41.97	-44.45	-42.83	-41.59	-42.36	-44.13	
110.5	-19.70	-22.49	-21.71	-19.79	-20.13	-22.18	0.00	-14.00	-41.00	-43.79	-43.01	-41.09	-41.43	-43.48	
111.0	-19.85	-22.18	-21.41	-19.45	-20.01	-21.43	0.00	-14.00	-41.15	-43.48	-42.71	-40.75	-41.31	-42.73	
111.5	-21.02	-22.11	-21.12	-19.91	-20.69	-20.87	0.00	-14.00	-42.32	-43.41	-42.42	-41.21	-41.99	-42.17	
112.0	-22.15	-21.94	-21.44	-21.23	-21.48	-20.79	0.00	-14.00	-43.45	-43.24	-42.74	-42.53	-42.78	-42.09	
112.5	-21.73	-21.88	-22.86	-22.80	-21.93	-21.38	0.00	-14.00	-43.03	-43.18	-44.16	-44.10	-43.23	-42.68	
113.0	-20.48	-22.79	-25.61	-23.61	-22.49	-22.61	0.00	-14.00	-41.78	-44.09	-46.91	-44.91	-43.79	-43.91	
113.5	-20.01	-25.42	-29.28	-23.56	-23.34	-24.31	0.00	-14.00	-41.31	-46.72	-50.58	-44.86	-44.64	-45.61	
114.0	-21.05	-30.19	-31.97	-23.42	-24.44	-26.49	0.00	-14.00	-42.35	-51.49	-53.27	-44.72	-45.74	-47.79	
114.5	-23.90	-35.72	-33.18	-23.79	-26.29	-29.25	0.00	-14.00	-45.20	-57.02	-54.48	-45.09	-47.59	-50.55	
115.0	-28.16	-35.23	-34.35	-25.05	-29.45	-32.26	0.00	-14.00	-49.46	-56.53	-55.65	-46.35	-50.75	-53.56	
115.5	-30.80	-32.00	-33.93	-27.45	-35.57	-35.98	0.00	-14.00	-52.10	-53.30	-55.23	-48.75	-56.87	-57.28	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
116.0	-31.11	-29.35	-30.98	-31.10	-39.58	-37.54	0.00	-14.00	-52.41	-50.65	-52.28	-52.40	-60.88	-58.84	
116.5	-32.43	-27.93	-28.39	-33.79	-30.77	-32.76	0.00	-14.00	-53.73	-49.23	-49.69	-55.09	-52.07	-54.06	
117.0	-35.18	-27.93	-27.18	-32.06	-28.28	-30.63	0.00	-14.00	-56.48	-49.23	-48.48	-53.36	-49.58	-51.93	
117.5	-37.30	-29.17	-27.38	-30.75	-29.39	-31.35	0.00	-14.00	-58.60	-50.47	-48.68	-52.05	-50.69	-52.65	
118.0	-38.62	-30.94	-29.33	-31.84	-33.24	-33.89	0.00	-14.00	-59.92	-52.24	-50.63	-53.14	-54.54	-55.19	
118.5	-42.41	-32.46	-34.31	-35.75	-38.16	-36.80	0.00	-14.00	-63.71	-53.76	-55.61	-57.05	-59.46	-58.10	
119.0	-40.90	-34.25	-37.86	-38.36	-41.36	-38.93	0.00	-14.00	-62.20	-55.55	-59.16	-59.66	-62.66	-60.23	
119.5	-35.75	-39.02	-31.92	-33.56	-44.91	-40.60	0.00	-14.00	-57.05	-60.32	-53.22	-54.86	-66.21	-61.90	
120.0	-32.37	-39.54	-29.53	-30.18	-35.75	-35.70	0.00	-14.00	-53.67	-60.84	-50.83	-51.48	-57.05	-57.00	
120.5	-29.23	-30.07	-29.19	-28.42	-27.82	-28.98	0.00	-14.00	-50.53	-51.37	-50.49	-49.72	-49.12	-50.28	
121.0	-26.41	-25.33	-28.65	-27.51	-23.80	-25.23	0.00	-14.00	-47.71	-46.63	-49.95	-48.81	-45.10	-46.53	
121.5	-24.10	-22.86	-26.50	-26.07	-22.20	-23.59	0.00	-14.00	-45.40	-44.16	-47.80	-47.37	-43.50	-44.89	
122.0	-22.06	-21.78	-23.82	-23.16	-22.00	-22.91	0.00	-14.00	-43.36	-43.08	-45.12	-44.46	-43.30	-44.21	
122.5	-20.32	-21.58	-21.63	-20.32	-22.24	-22.15	0.00	-14.00	-41.62	-42.88	-42.93	-41.62	-43.54	-43.45	
123.0	-19.32	-21.76	-20.31	-18.76	-22.47	-21.41	0.00	-14.00	-40.62	-43.06	-41.61	-40.06	-43.77	-42.71	
123.5	-19.53	-21.80	-20.14	-18.83	-22.96	-21.42	0.00	-14.00	-40.83	-43.10	-41.44	-40.13	-44.26	-42.72	
124.0	-21.41	-21.81	-21.57	-20.80	-23.91	-22.56	0.00	-14.00	-42.71	-43.11	-42.87	-42.10	-45.21	-43.86	
124.5	-25.15	-22.58	-24.58	-25.12	-25.04	-24.59	0.00	-14.00	-46.45	-43.88	-45.88	-46.42	-46.34	-45.89	
125.0	-27.04	-24.87	-24.88	-27.53	-25.40	-26.14	0.00	-14.00	-48.34	-46.17	-46.18	-48.83	-46.70	-47.44	
125.5	-24.04	-27.65	-21.97	-23.07	-24.96	-26.11	0.00	-14.00	-45.34	-48.95	-43.27	-44.37	-46.26	-47.41	
126.0	-22.34	-26.01	-20.63	-20.32	-24.65	-25.31	0.00	-14.00	-43.64	-47.31	-41.93	-41.62	-45.95	-46.61	
126.5	-22.50	-23.13	-20.86	-19.51	-24.04	-23.60	0.00	-14.00	-43.80	-44.43	-42.16	-40.81	-45.34	-44.90	
127.0	-22.70	-21.52	-21.12	-19.89	-22.64	-21.23	0.00	-14.00	-44.00	-42.82	-42.42	-41.19	-43.94	-42.53	
127.5	-20.65	-20.78	-20.04	-20.29	-21.41	-19.46	0.00	-14.00	-41.95	-42.08	-41.34	-41.59	-42.71	-40.76	
128.0	-18.41	-20.47	-18.88	-19.62	-21.06	-18.92	0.00	-14.00	-39.71	-41.77	-40.18	-40.92	-42.36	-40.22	
128.5	-17.68	-20.63	-18.88	-18.67	-21.50	-19.52	0.00	-14.00	-38.98	-41.93	-40.18	-39.97	-42.80	-40.82	
129.0	-18.65	-21.60	-19.97	-18.56	-22.15	-20.41	0.00	-14.00	-39.95	-42.90	-41.27	-39.86	-43.45	-41.71	
129.5	-20.79	-22.98	-20.71	-19.44	-22.53	-20.35	0.00	-14.00	-42.09	-44.28	-42.01	-40.74	-43.83	-41.65	
130.0	-21.78	-22.97	-20.18	-20.53	-22.92	-19.71	0.00	-14.00	-43.08	-44.27	-41.48	-41.83	-44.22	-41.01	
130.5	-20.68	-21.90	-19.88	-20.48	-23.53	-19.72	0.00	-14.00	-41.98	-43.20	-41.18	-41.78	-44.83	-41.02	
131.0	-19.76	-21.73	-20.72	-19.71	-24.01	-20.94	0.00	-14.00	-41.06	-43.03	-42.02	-41.01	-45.31	-42.24	
131.5	-19.48	-23.04	-22.26	-19.42	-24.19	-23.03	0.00	-14.00	-40.78	-44.34	-43.56	-40.72	-45.49	-44.33	
132.0	-19.41	-25.10	-22.65	-19.84	-24.05	-23.94	0.00	-14.00	-40.71	-46.40	-43.95	-41.14	-45.35	-45.24	
132.5	-19.59	-25.05	-21.31	-20.47	-23.28	-22.81	0.00	-14.00	-40.89	-46.35	-42.61	-41.77	-44.58	-44.11	
133.0	-20.27	-23.01	-20.20	-20.68	-22.23	-21.96	0.00	-14.00	-41.57	-44.31	-41.50	-41.98	-43.53	-43.26	
133.5	-20.76	-21.49	-20.29	-20.53	-21.70	-22.16	0.00	-14.00	-42.06	-42.79	-41.59	-41.83	-43.00	-43.46	
134.0	-20.38	-20.62	-21.49	-20.65	-21.71	-22.88	0.00	-14.00	-41.68	-41.92	-42.79	-41.95	-43.01	-44.18	
134.5	-20.40	-20.12	-22.67	-21.66	-21.49	-23.51	0.00	-14.00	-41.70	-41.42	-43.97	-42.96	-42.79	-44.81	
135.0	-22.10	-20.45	-22.69	-23.78	-21.24	-24.35	0.00	-14.00	-43.40	-41.75	-43.99	-45.08	-42.54	-45.65	
135.5	-24.47	-22.36	-22.59	-25.15	-22.36	-25.10	0.00	-14.00	-45.77	-43.66	-43.89	-46.45	-43.66	-46.40	
136.0	-22.65	-26.11	-23.16	-23.36	-25.99	-24.05	0.00	-14.00	-43.95	-47.41	-44.46	-44.66	-47.29	-45.35	
136.5	-20.18	-27.51	-23.62	-21.67	-28.16	-22.46	0.00	-14.00	-41.48	-48.81	-44.92	-42.97	-49.46	-43.76	
137.0	-19.72	-24.51	-23.53	-21.69	-24.08	-22.09	0.00	-14.00	-41.02	-45.81	-44.83	-42.99	-45.38	-43.39	
137.5	-21.19	-22.64	-23.84	-23.38	-22.08	-22.93	0.00	-14.00	-42.49	-43.94	-45.14	-44.68	-43.38	-44.23	
138.0	-24.05	-22.15	-25.15	-25.87	-22.44	-24.35	0.00	-14.00	-45.35	-43.45	-46.45	-47.17	-43.74	-45.65	
138.5	-27.23	-22.60	-27.29	-27.47	-24.30	-26.71	0.00	-14.00	-48.53	-43.90	-48.59	-48.77	-45.60	-48.01	
139.0	-30.44	-24.29	-30.34	-29.12	-26.42	-32.61	0.00	-14.00	-51.74	-45.59	-51.64	-50.42	-47.72	-53.91	
139.5	-33.25	-28.93	-34.17	-33.81	-28.74	-38.06	0.00	-14.00	-54.55	-50.23	-55.47	-55.11	-50.04	-59.36	
140.0	-30.19	-52.74	-30.15	-34.18	-33.70	-28.74	0.00	-14.00	-51.49	-74.04	-51.45	-55.48	-55.00	-50.04	
140.5	-26.68	-29.89	-25.40	-27.37	-34.38	-25.41	0.00	-14.00	-47.98	-51.19	-46.70	-48.67	-55.68	-46.71	
141.0	-24.90	-25.30	-23.26	-24.12	-28.31	-24.25	0.00	-14.00	-46.20	-46.60	-44.56	-45.42	-49.61	-45.55	
141.5	-24.28	-23.88	-23.14	-22.99	-25.60	-24.24	0.00	-14.00	-45.58	-45.18	-44.44	-44.29	-46.90	-45.54	
142.0	-24.32	-23.65	-24.87	-23.25	-24.62	-25.47	0.00	-14.00	-45.62	-44.95	-46.17	-44.55	-45.92	-46.77	
142.5	-24.89	-23.96	-28.67	-24.62	-24.39	-28.94	0.00	-14.00	-46.19	-45.26	-49.97	-45.92	-45.69	-50.24	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)							
								Max RF Power Density: -21.3dbW/4kHz							
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
143.0	-26.31	-24.98	-34.92	-27.13	-24.74	-33.49	0.00	-14.00	-47.61	-46.28	-56.22	-48.43	-46.04	-54.79	
143.5	-29.64	-27.45	-36.72	-30.97	-26.44	-28.88	0.00	-14.00	-50.94	-48.75	-58.02	-52.27	-47.74	-50.18	
144.0	-39.59	-31.60	-31.73	-34.32	-31.27	-26.10	0.00	-14.00	-60.89	-52.90	-53.03	-55.62	-52.57	-47.40	
144.5	-35.24	-30.68	-27.78	-31.68	-35.09	-25.79	0.00	-14.00	-56.54	-51.98	-49.08	-52.98	-56.39	-47.09	
145.0	-27.33	-26.01	-25.54	-27.88	-27.41	-24.97	0.00	-14.00	-48.63	-47.31	-46.84	-49.18	-48.71	-46.27	
145.5	-24.23	-22.97	-25.17	-25.42	-24.00	-23.13	0.00	-14.00	-45.53	-44.27	-46.47	-46.72	-45.30	-44.43	
146.0	-23.17	-21.69	-26.30	-24.27	-23.23	-22.64	0.00	-14.00	-44.47	-42.99	-47.60	-45.57	-44.53	-43.94	
146.5	-23.37	-22.44	-27.45	-24.09	-24.56	-24.53	0.00	-14.00	-44.67	-43.74	-48.75	-45.39	-45.86	-45.83	
147.0	-24.31	-25.78	-27.31	-24.33	-27.87	-28.38	0.00	-14.00	-45.61	-47.08	-48.61	-45.63	-49.17	-49.68	
147.5	-25.05	-29.81	-25.84	-24.39	-29.25	-27.64	0.00	-14.00	-46.35	-51.11	-47.14	-45.69	-50.55	-48.94	
148.0	-23.89	-25.17	-23.09	-23.63	-25.06	-24.35	0.00	-14.00	-45.19	-46.47	-44.39	-44.93	-46.36	-45.65	
148.5	-21.62	-20.92	-21.15	-21.97	-21.71	-22.64	0.00	-14.00	-42.92	-42.22	-42.45	-43.27	-43.01	-43.94	
149.0	-20.30	-18.66	-21.20	-20.54	-20.08	-22.40	0.00	-14.00	-41.60	-39.96	-42.50	-41.84	-41.38	-43.70	
149.5	-20.59	-18.30	-22.88	-20.23	-20.25	-23.57	0.00	-14.00	-41.89	-39.60	-44.18	-41.53	-41.55	-44.87	
150.0	-22.15	-20.44	-23.52	-21.11	-22.82	-24.37	0.00	-14.00	-43.45	-41.74	-44.82	-42.41	-44.12	-45.67	
150.5	-22.74	-27.11	-22.34	-22.34	-29.28	-22.65	0.00	-14.00	-44.04	-48.41	-43.64	-43.64	-50.58	-43.95	
151.0	-21.28	-27.62	-21.85	-22.60	-27.95	-21.36	0.00	-14.00	-42.58	-48.92	-43.15	-43.90	-49.25	-42.66	
151.5	-20.04	-21.22	-22.13	-21.69	-22.36	-21.68	0.00	-14.00	-41.34	-42.52	-43.43	-42.99	-43.66	-42.98	
152.0	-19.67	-19.27	-22.66	-20.39	-20.28	-22.85	0.00	-14.00	-40.97	-40.57	-43.96	-41.69	-41.58	-44.15	
152.5	-20.08	-19.65	-23.39	-19.76	-20.38	-23.54	0.00	-14.00	-41.38	-40.95	-44.69	-41.06	-41.68	-44.84	
153.0	-21.31	-21.72	-23.85	-20.62	-22.21	-22.91	0.00	-14.00	-42.61	-43.02	-45.15	-41.92	-43.51	-44.21	
153.5	-22.16	-24.69	-23.51	-22.35	-24.42	-21.95	0.00	-14.00	-43.46	-45.99	-44.81	-43.65	-45.72	-43.25	
154.0	-20.54	-24.67	-22.69	-21.52	-23.74	-21.91	0.00	-14.00	-41.84	-45.97	-43.99	-42.82	-45.04	-43.21	
154.5	-18.56	-22.36	-21.95	-19.19	-21.85	-22.64	0.00	-14.00	-39.86	-43.66	-43.25	-40.49	-43.15	-43.94	
155.0	-17.83	-20.95	-22.01	-17.96	-20.72	-22.99	0.00	-14.00	-39.13	-42.25	-43.31	-39.26	-42.02	-44.29	
155.5	-18.16	-20.53	-22.87	-17.82	-20.39	-23.11	0.00	-14.00	-39.46	-41.83	-44.17	-39.12	-41.69	-44.41	
156.0	-19.03	-21.16	-23.34	-18.56	-21.04	-23.08	0.00	-14.00	-40.33	-42.46	-44.64	-39.86	-42.34	-44.38	
156.5	-19.99	-23.09	-23.42	-20.05	-22.67	-22.20	0.00	-14.00	-41.29	-44.39	-44.72	-41.35	-43.97	-43.50	
157.0	-20.47	-25.58	-24.02	-20.92	-24.39	-21.82	0.00	-14.00	-41.77	-46.88	-45.32	-42.22	-45.69	-43.12	
157.5	-20.12	-26.11	-23.84	-20.03	-25.46	-22.49	0.00	-14.00	-41.42	-47.41	-45.14	-41.33	-46.76	-43.79	
158.0	-19.61	-24.77	-23.27	-19.27	-25.49	-22.53	0.00	-14.00	-40.91	-46.07	-44.57	-40.57	-46.79	-43.83	
158.5	-19.26	-22.84	-24.40	-19.31	-23.53	-22.26	0.00	-14.00	-40.56	-44.14	-45.70	-40.61	-44.83	-43.56	
159.0	-19.13	-21.56	-25.07	-19.54	-22.17	-23.30	0.00	-14.00	-40.43	-42.86	-46.37	-40.84	-43.47	-44.60	
159.5	-19.76	-21.82	-23.13	-19.88	-22.82	-23.98	0.00	-14.00	-41.06	-43.12	-44.43	-41.18	-44.12	-45.28	
160.0	-21.05	-23.14	-22.84	-20.22	-24.07	-22.82	0.00	-14.00	-42.35	-44.44	-44.14	-41.52	-45.37	-44.12	
160.5	-21.49	-23.72	-24.42	-19.92	-23.79	-22.20	0.00	-14.00	-42.79	-45.02	-45.72	-41.22	-45.09	-43.50	
161.0	-21.53	-24.07	-24.73	-19.85	-24.17	-22.61	0.00	-14.00	-42.83	-45.37	-46.03	-41.15	-45.47	-43.91	
161.5	-22.23	-25.64	-24.54	-20.55	-25.76	-23.86	0.00	-14.00	-43.53	-46.94	-45.84	-41.85	-47.06	-45.16	
162.0	-21.94	-26.58	-25.33	-20.49	-25.47	-25.40	0.00	-14.00	-43.24	-47.88	-46.63	-41.79	-46.77	-46.70	
162.5	-21.11	-25.20	-24.84	-19.99	-24.80	-25.01	0.00	-14.00	-42.41	-46.50	-46.14	-41.29	-46.10	-46.31	
163.0	-21.65	-24.01	-24.45	-21.11	-25.78	-24.49	0.00	-14.00	-42.95	-45.31	-45.75	-42.41	-47.08	-45.79	
163.5	-22.14	-23.72	-25.57	-23.00	-26.52	-25.68	0.00	-14.00	-43.44	-45.02	-46.87	-44.30	-47.82	-46.98	
164.0	-21.48	-24.27	-25.69	-22.57	-25.96	-25.85	0.00	-14.00	-42.78	-45.57	-46.99	-43.87	-47.26	-47.15	
164.5	-22.25	-25.29	-25.37	-22.23	-25.89	-24.82	0.00	-14.00	-43.55	-46.59	-46.67	-43.53	-47.19	-46.12	
165.0	-23.82	-25.77	-27.32	-22.48	-26.05	-26.09	0.00	-14.00	-45.12	-47.07	-48.62	-43.78	-47.35	-47.39	
165.5	-22.30	-25.82	-27.21	-21.55	-26.25	-27.24	0.00	-14.00	-43.60	-47.12	-48.51	-42.85	-47.55	-48.54	
166.0	-21.52	-26.40	-24.44	-21.37	-27.21	-24.82	0.00	-14.00	-42.82	-47.70	-45.74	-42.67	-48.51	-46.12	
166.5	-22.73	-26.73	-24.42	-22.10	-27.13	-24.99	0.00	-14.00	-44.03	-48.03	-45.72	-43.40	-48.43	-46.29	
167.0	-22.37	-25.93	-24.55	-21.19	-25.18	-26.58	0.00	-14.00	-43.67	-47.23	-45.85	-42.49	-46.48	-47.88	
167.5	-21.89	-25.40	-23.07	-21.15	-24.42	-23.90	0.00	-14.00	-43.19	-46.70	-44.37	-42.45	-45.72	-45.20	
168.0	-23.33	-25.46	-24.20	-23.55	-25.21	-23.44	0.00	-14.00	-44.63	-46.76	-45.50	-44.85	-46.51	-44.74	
168.5	-21.23	-24.52	-24.40	-21.42	-25.01	-24.00	0.00	-14.00	-42.53	-45.82	-45.70	-42.72	-46.31	-45.30	
169.0	-19.17	-23.14	-20.75	-18.83	-23.70	-20.90	0.00	-14.00	-40.47	-44.44	-42.05	-40.13	-45.00	-42.20	
169.5	-19.87	-22.79	-20.46	-19.35	-23.43	-20.46	0.00	-14.00	-41.17	-44.09	-41.76	-40.65	-44.73	-41.76	

Table 2 El Co Coarse	Antenna Gain (dBi)							EIRP (dBW/4kHz)						
								Max RF Power Density: -21.3dbW/4kHz						
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)
170.0	-18.70	-22.39	-21.25	-18.69	-22.88	-22.10	0.00	-14.00	-40.00	-43.69	-42.55	-39.99	-44.18	-43.40
170.5	-16.79	-21.01	-18.92	-16.73	-21.61	-19.39	0.00	-14.00	-38.09	-42.31	-40.22	-38.03	-42.91	-40.69
171.0	-18.31	-20.44	-18.93	-17.89	-21.67	-18.73	0.00	-14.00	-39.61	-41.74	-40.23	-39.19	-42.97	-40.03
171.5	-19.55	-20.72	-21.28	-19.47	-21.90	-21.78	0.00	-14.00	-40.85	-42.02	-42.58	-40.77	-43.20	-43.08
172.0	-16.42	-20.26	-18.79	-16.54	-20.29	-19.42	0.00	-14.00	-37.72	-41.56	-40.09	-37.84	-41.59	-40.72
172.5	-17.01	-20.30	-17.80	-16.78	-20.08	-17.65	0.00	-14.00	-38.31	-41.60	-39.10	-38.08	-41.38	-38.95
173.0	-20.32	-21.79	-20.33	-19.94	-22.15	-20.42	0.00	-14.00	-41.62	-43.09	-41.63	-41.24	-43.45	-41.72
173.5	-16.95	-21.81	-19.71	-17.00	-22.05	-20.12	0.00	-14.00	-38.25	-43.11	-41.01	-38.30	-43.35	-41.42
174.0	-16.47	-21.43	-18.96	-16.29	-21.21	-18.20	0.00	-14.00	-37.77	-42.73	-40.26	-37.59	-42.51	-39.50
174.5	-21.69	-22.84	-24.27	-21.12	-22.96	-22.27	0.00	-14.00	-42.99	-44.14	-45.57	-42.42	-44.26	-43.57
175.0	-20.03	-22.17	-24.65	-19.69	-22.56	-26.03	0.00	-14.00	-41.33	-43.47	-45.95	-40.99	-43.86	-47.33
175.5	-17.89	-21.52	-20.48	-17.32	-21.54	-20.70	0.00	-14.00	-39.19	-42.82	-41.78	-38.62	-42.84	-42.00
176.0	-19.93	-23.56	-22.24	-19.83	-23.62	-22.22	0.00	-14.00	-41.23	-44.86	-43.54	-41.13	-44.92	-43.52
176.5	-17.95	-23.38	-23.08	-18.59	-23.74	-23.58	0.00	-14.00	-39.25	-44.68	-44.38	-39.89	-45.04	-44.88
177.0	-18.57	-23.52	-23.87	-18.58	-23.48	-23.60	0.00	-14.00	-39.87	-44.82	-45.17	-39.88	-44.78	-44.90
177.5	-30.88	-26.69	-36.59	-27.98	-26.44	-36.68	0.00	-14.00	-52.18	-47.99	-57.89	-49.28	-47.74	-57.98
178.0	-18.78	-24.16	-23.62	-18.64	-24.24	-23.78	0.00	-14.00	-40.08	-45.46	-44.92	-39.94	-45.54	-45.08
178.5	-18.16	-28.35	-22.94	-17.66	-27.67	-22.36	0.00	-14.00	-39.46	-49.65	-44.24	-38.96	-48.97	-43.66
179.0	-35.45	-23.88	-26.02	-53.26	-24.27	-25.63	0.00	-14.00	-56.75	-45.18	-47.32	-74.56	-45.57	-46.93
179.5	-14.42	-15.04	-17.25	-14.50	-15.16	-16.79	0.00	-14.00	-35.72	-36.34	-38.55	-35.80	-36.46	-38.09
180.0	-11.56	-13.28	-15.17	-11.20	-13.16	-14.38	0.00	-14.00	-32.86	-34.58	-36.47	-32.50	-34.46	-35.68

Table 3 - Pattern Data (Azimuth | Co-Polarized | Fine)

Table 3 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC \$25.209 (a)(2)	FCC \$25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	
-10.0	0.50	1.71	0.69	1.20	2.04	0.94	7.00	-7.00	-20.80	-19.59	-20.61	-20.10	-19.26	-20.36	
-9.9	0.32	1.94	0.83	1.08	2.27	1.13	7.11	-6.89	-20.98	-19.36	-20.47	-20.22	-19.03	-20.17	
-9.8	0.14	2.15	0.95	0.98	2.48	1.32	7.22	-6.78	-21.16	-19.15	-20.35	-20.32	-18.82	-19.98	
-9.7	0.01	2.34	1.06	0.89	2.67	1.54	7.33	-6.67	-21.29	-18.96	-20.24	-20.41	-18.63	-19.76	
-9.6	-0.05	2.50	1.17	0.85	2.85	1.79	7.44	-6.56	-21.35	-18.80	-20.13	-20.45	-18.45	-19.51	
-9.5	-0.02	2.62	1.28	0.86	3.00	2.05	7.56	-6.44	-21.32	-18.68	-20.02	-20.44	-18.30	-19.25	
-9.4	0.10	2.70	1.41	0.93	3.12	2.34	7.67	-6.33	-21.20	-18.60	-19.89	-20.37	-18.18	-18.96	
-9.3	0.30	2.74	1.57	1.07	3.21	2.65	7.79	-6.21	-21.00	-18.56	-19.73	-20.23	-18.09	-18.65	
-9.2	0.57	2.73	1.75	1.24	3.28	2.97	8.00	-6.00	-20.73	-18.57	-19.55	-20.06	-18.02	-18.33	
-9.1	0.87	2.67	1.97	1.45	3.30	3.30	8.00	-6.00	-20.43	-18.63	-19.33	-19.85	-18.00	-18.00	
-9.0	1.17	2.55	2.20	1.67	3.28	3.62	8.00	-6.00	-20.13	-18.75	-19.10	-19.63	-18.02	-17.68	
-8.9	1.45	2.37	2.45	1.88	3.23	3.92	8.00	-6.00	-19.85	-18.93	-18.85	-19.42	-18.07	-17.38	
-8.8	1.70	2.13	2.71	2.07	3.12	4.20	8.00	-6.00	-19.60	-19.17	-18.59	-19.23	-18.18	-17.10	
-8.7	1.89	1.81	2.96	2.23	2.95	4.44	8.00	-6.00	-19.41	-19.49	-18.34	-19.07	-18.35	-16.86	
-8.6	2.03	1.42	3.19	2.35	2.73	4.65	8.00	-6.00	-19.27	-19.88	-18.11	-18.95	-18.57	-16.65	
-8.5	2.11	0.94	3.40	2.44	2.45	4.83	8.00	-6.00	-19.19	-20.36	-17.90	-18.86	-18.85	-16.47	
-8.4	2.13	0.38	3.58	2.49	2.10	4.96	8.00	-6.00	-19.17	-20.92	-17.72	-18.81	-19.20	-16.34	
-8.3	2.12	-0.28	3.72	2.52	1.67	5.04	8.00	-6.00	-19.18	-21.58	-17.58	-18.78	-19.63	-16.26	
-8.2	2.07	-1.04	3.83	2.54	1.16	5.09	8.00	-6.00	-19.23	-22.34	-17.47	-18.76	-20.14	-16.21	
-8.1	2.01	-1.91	3.89	2.55	0.56	5.09	8.00	-6.00	-19.29	-23.21	-17.41	-18.75	-20.74	-16.21	
-8.0	1.97	-2.89	3.93	2.59	-0.14	5.05	8.00	-6.00	-19.33	-24.19	-17.37	-18.71	-21.44	-16.25	
-7.9	1.98	-4.02	3.94	2.68	-0.94	4.99	8.00	-6.00	-19.32	-25.32	-17.36	-18.62	-22.24	-16.31	
-7.8	2.05	-5.28	3.93	2.82	-1.86	4.90	8.00	-6.00	-19.25	-26.58	-17.37	-18.48	-23.16	-16.40	
-7.7	2.22	-6.72	3.91	3.03	-2.91	4.78	8.00	-6.00	-19.08	-28.02	-17.39	-18.27	-24.21	-16.52	
-7.6	2.48	-8.34	3.89	3.32	-4.11	4.66	8.00	-6.00	-18.82	-29.64	-17.41	-17.98	-25.41	-16.64	
-7.5	2.85	-10.17	3.88	3.68	-5.48	4.54	8.00	-6.00	-18.45	-31.47	-17.42	-17.62	-26.78	-16.76	
-7.4	3.28	-12.25	3.89	4.09	-7.06	4.42	8.00	-6.00	-18.02	-33.55	-17.41	-17.21	-28.36	-16.88	
-7.3	3.77	-14.62	3.92	4.53	-8.89	4.31	8.00	-6.00	-17.53	-35.92	-17.38	-16.77	-30.19	-16.99	
-7.2	4.29	-17.31	3.99	4.99	-11.03	4.22	8.00	-6.00	-17.01	-38.61	-17.31	-16.31	-32.33	-17.08	
-7.1	4.82	-20.24	4.08	5.44	-13.58	4.15	8.00	-6.00	-16.48	-41.54	-17.22	-15.86	-34.88	-17.15	
-7.0	5.32	-22.97	4.18	5.88	-16.50	4.11	7.87	-6.13	-15.98	-44.27	-17.12	-15.42	-37.80	-17.19	
-6.9	5.80	-24.28	4.30	6.29	-19.09	4.08	8.03	-5.97	-15.50	-45.58	-17.00	-15.01	-40.39	-17.22	
-6.8	6.24	-23.64	4.43	6.65	-19.16	4.07	8.19	-5.81	-15.06	-44.94	-16.87	-14.65	-40.46	-17.23	
-6.7	6.62	-22.19	4.55	6.96	-16.85	4.07	8.35	-5.65	-14.68	-43.49	-16.75	-14.34	-38.15	-17.23	
-6.6	6.95	-20.75	4.66	7.21	-14.31	4.09	8.51	-5.49	-14.35	-42.05	-16.64	-14.09	-35.61	-17.21	
-6.5	7.22	-19.54	4.75	7.40	-12.14	4.10	8.68	-5.32	-14.08	-40.84	-16.55	-13.90	-33.44	-17.20	
-6.4	7.42	-18.59	4.82	7.51	-10.36	4.11	8.85	-5.15	-13.88	-39.89	-16.48	-13.79	-31.66	-17.19	
-6.3	7.55	-17.90	4.86	7.56	-8.89	4.11	9.02	-4.98	-13.75	-39.20	-16.44	-13.74	-30.19	-17.19	
-6.2	7.61	-17.48	4.88	7.52	-7.67	4.09	9.19	-4.81	-13.69	-38.78	-16.42	-13.78	-28.97	-17.21	
-6.1	7.58	-17.32	4.87	7.39	-6.68	4.07	9.37	-4.63	-13.72	-38.62	-16.43	-13.91	-27.98	-17.23	
-6.0	7.47	-17.30	4.83	7.16	-5.90	4.02	9.55	-4.45	-13.83	-38.60	-16.47	-14.14	-27.20	-17.28	
-5.9	7.26	-17.07	4.77	6.83	-5.33	3.97	9.73	-4.27	-14.04	-38.37	-16.53	-14.47	-26.63	-17.33	
-5.8	6.96	-15.97	4.71	6.38	-4.96	3.91	9.91	-4.09	-14.34	-37.27	-16.59	-14.92	-26.26	-17.39	
-5.7	6.55	-13.73	4.64	5.81	-4.82	3.85	10.10	-3.90	-14.75	-35.03	-16.66	-15.49	-26.12	-17.45	
-5.6	6.05	-10.83	4.60	5.10	-4.88	3.82	10.30	-3.70	-15.25	-32.13	-16.70	-16.20	-26.18	-17.48	
-5.5	5.47	-7.86	4.60	4.28	-5.12	3.85	10.49	-3.51	-15.83	-29.16	-16.70	-17.02	-26.42	-17.45	
-5.4	4.85	-5.08	4.69	3.40	-5.40	3.97	10.69	-3.31	-16.45	-26.38	-16.61	-17.90	-26.70	-17.33	
-5.3	4.32	-2.53	4.90	2.60	-5.41	4.23	10.89	-3.11	-16.98	-23.83	-16.40	-18.70	-26.71	-17.07	
-5.2	4.04	-0.21	5.27	2.20	-4.68	4.67	11.10	-2.90	-17.26	-21.51	-16.03	-19.10	-25.98	-16.63	
-5.1	4.22	1.91	5.81	2.51	-3.05	5.31	11.31	-2.69	-17.08	-19.39	-15.49	-18.79	-24.35	-15.99	
-5.0	4.95	3.84	6.53	3.59	-0.88	6.11	11.53	-2.47	-16.35	-17.46	-14.77	-17.71	-22.18	-15.19	
-4.9	6.12	5.61	7.38	5.13	1.44	7.06	11.75	-2.25	-15.18	-15.69	-13.92	-16.17	-19.86	-14.24	

Table 3 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-4.8	7.52	7.24	8.34	6.82	3.65	8.09	11.97	-2.03	-13.78	-14.06	-12.96	-14.48	-17.65	-13.21	
-4.7	8.98	8.74	9.35	8.48	5.69	9.15	12.20	-1.80	-12.32	-12.56	-11.95	-12.82	-15.61	-12.15	
-4.6	10.40	10.12	10.38	10.02	7.54	10.22	12.43	-1.57	-10.90	-11.18	-10.92	-11.28	-13.76	-11.08	
-4.5	11.73	11.39	11.39	11.42	9.21	11.26	12.67	-1.33	-9.57	-9.91	-9.91	-9.88	-12.09	-10.04	
-4.4	12.95	12.56	12.37	12.70	10.71	12.25	12.91	-1.09	-8.35	-8.74	-8.93	-8.60	-10.59	-9.05	
-4.3	14.07	13.62	13.30	13.85	12.06	13.18	13.16	-0.84	-7.23	-7.68	-8.00	-7.45	-9.24	-8.12	
-4.2	15.08	14.59	14.16	14.87	13.27	14.04	13.42	-0.58	-6.22	-6.71	-7.14	-6.43	-8.03	-7.26	
-4.1	15.98	15.46	14.95	15.79	14.35	14.82	13.68	-0.32	-5.32	-5.84	-6.35	-5.51	-6.95	-6.48	
-4.0	16.78	16.23	15.66	16.60	15.30	15.52	13.95	-0.05	-4.52	-5.07	-5.64	-4.70	-6.00	-5.78	
-3.9	17.48	16.91	16.29	17.30	16.12	16.13	14.22	0.22	-3.82	-4.39	-5.01	-4.00	-5.18	-5.17	
-3.8	18.07	17.49	16.82	17.89	16.83	16.64	14.51	0.51	-3.23	-3.81	-4.48	-3.41	-4.47	-4.66	
-3.7	18.56	17.96	17.25	18.38	17.41	17.05	14.79	0.79	-2.74	-3.34	-4.05	-2.92	-3.89	-4.25	
-3.6	18.93	18.33	17.57	18.75	17.87	17.34	15.09	1.09	-2.37	-2.97	-3.73	-2.55	-3.43	-3.96	
-3.5	19.19	18.57	17.78	18.99	18.19	17.50	15.40	1.40	-2.11	-2.73	-3.52	-2.31	-3.11	-3.80	
-3.4	19.31	18.69	17.84	19.10	18.38	17.52	15.71	1.71	-1.99	-2.61	-3.46	-2.20	-2.92	-3.78	
-3.3	19.29	18.66	17.75	19.06	18.40	17.38	16.04	2.04	-2.01	-2.64	-3.55	-2.24	-2.90	-3.92	
-3.2	19.09	18.46	17.47	18.83	18.25	17.02	16.37	2.37	-2.21	-2.84	-3.83	-2.47	-3.05	-4.28	
-3.1	18.68	18.07	16.96	18.38	17.89	16.40	16.72	2.72	-2.62	-3.23	-4.34	-2.92	-3.41	-4.90	
-3.0	18.00	17.45	16.15	17.65	17.30	15.44	17.07	3.07	-3.30	-3.85	-5.15	-3.65	-4.00	-5.86	
-2.9	16.97	16.56	14.96	16.52	16.41	13.97	17.44	3.44	-4.33	-4.74	-6.34	-4.78	-4.89	-7.33	
-2.8	15.43	15.37	13.24	14.81	15.20	11.75	17.82	3.82	-5.87	-5.93	-8.06	-6.49	-6.10	-9.55	
-2.7	13.07	13.97	10.91	12.09	13.72	8.29	18.22	4.22	-8.23	-7.33	-10.39	-9.21	-7.58	-13.01	
-2.6	9.20	12.88	8.72	7.05	12.50	4.60	18.63	4.63	-12.10	-8.42	-12.58	-14.25	-8.80	-16.70	
-2.5	3.66	13.22	9.84	-4.78	12.80	8.19	19.05	5.05	-17.64	-8.08	-11.46	-26.08	-8.50	-13.11	
-2.4	7.98	15.28	13.57	7.75	14.98	13.38	19.49	5.49	-13.32	-6.02	-7.73	-13.55	-6.32	-7.92	
-2.3	13.95	17.93	17.10	14.25	17.77	17.25	19.96	5.96	-7.35	-3.37	-4.20	-7.05	-3.53	-4.05	
-2.2	18.00	20.47	20.01	18.30	20.38	20.23	20.44	6.44	-3.30	-0.83	-1.29	-3.00	-0.92	-1.07	
-2.1	21.03	22.71	22.44	21.28	22.68	22.66	20.94	6.94	-0.27	1.41	1.14	-0.02	1.38	1.36	
-2.0	23.46	24.68	24.50	23.66	24.68	24.71	21.47	7.47	2.16	3.38	3.20	2.36	3.38	3.41	
-1.9	25.48	26.41	26.29	25.65	26.43	26.48	22.03	8.03	4.18	5.11	4.99	4.35	5.13	5.18	
-1.8	27.21	27.95	27.86	27.36	27.98	28.03	22.62	8.62	5.91	6.65	6.56	6.06	6.68	6.73	
-1.7	28.72	29.31	29.26	28.85	29.37	29.41	23.24	9.24	7.42	8.01	7.96	7.55	8.07	8.11	
-1.6	30.05	30.54	30.50	30.16	30.60	30.65	23.90	9.90	8.75	9.24	9.20	8.86	9.30	9.35	
-1.5	31.23	31.64	31.62	31.33	31.71	31.76	24.60	10.60	9.93	10.34	10.32	10.03	10.41	10.46	
-1.4	32.28	32.64	32.63	32.37	32.71	32.75			10.98	11.34	11.33	11.07	11.41	11.45	
-1.3	33.23	33.53	33.54	33.31	33.61	33.65			11.93	12.23	12.24	12.01	12.31	12.35	
-1.2	34.07	34.34	34.36	34.14	34.42	34.46			12.77	13.04	13.06	12.84	13.12	13.16	
-1.1	34.83	35.06	35.10	34.89	35.14	35.19			13.53	13.76	13.80	13.59	13.84	13.89	
-1.0	35.50	35.71	35.75	35.56	35.79	35.84			14.20	14.41	14.45	14.26	14.49	14.54	
-0.9	36.10	36.28	36.33	36.15	36.37	36.42			14.80	14.98	15.03	14.85	15.07	15.12	
-0.8	36.62	36.78	36.85	36.67	36.87	36.92			15.32	15.48	15.55	15.37	15.57	15.62	
-0.7	37.08	37.22	37.30	37.12	37.31	37.36			15.78	15.92	16.00	15.82	16.01	16.06	
-0.6	37.46	37.60	37.68	37.50	37.69	37.74			16.16	16.30	16.38	16.20	16.39	16.44	
-0.5	37.79	37.91	38.00	37.82	38.00	38.06			16.49	16.61	16.70	16.52	16.70	16.76	
-0.4	38.05	38.17	38.26	38.08	38.26	38.32			16.75	16.87	16.96	16.78	16.96	17.02	
-0.3	38.26	38.37	38.46	38.28	38.45	38.51			16.96	17.07	17.16	16.98	17.15	17.21	
-0.2	38.40	38.51	38.60	38.43	38.59	38.66			17.10	17.21	17.30	17.13	17.29	17.36	
-0.1	38.49	38.59	38.69	38.51	38.68	38.74			17.19	17.29	17.39	17.21	17.38	17.44	
0.0	38.52	38.62	38.72	38.54	38.70	38.77			17.22	17.32	17.42	17.24	17.40	17.47	
0.1	38.49	38.60	38.69	38.51	38.67	38.74			17.19	17.30	17.39	17.21	17.37	17.44	
0.2	38.41	38.51	38.61	38.43	38.59	38.65			17.11	17.21	17.31	17.13	17.29	17.35	
0.3	38.26	38.38	38.47	38.28	38.45	38.51			16.96	17.08	17.17	16.98	17.15	17.21	
0.4	38.06	38.18	38.27	38.08	38.25	38.31			16.76	16.88	16.97	16.78	16.95	17.01	
0.5	37.80	37.93	38.02	37.82	37.99	38.05			16.50	16.63	16.72	16.52	16.69	16.75	

Table 3 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(2)	FCC §25.218 (f)(1)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
0.6	37.48	37.62	37.71	37.51	37.68	37.74			16.18	16.32	16.41	16.21	16.38	16.44	
0.7	37.10	37.25	37.33	37.12	37.30	37.36			15.80	15.95	16.03	15.82	16.00	16.06	
0.8	36.66	36.82	36.90	36.68	36.87	36.92			15.36	15.52	15.60	15.38	15.57	15.62	
0.9	36.14	36.33	36.40	36.17	36.37	36.42			14.84	15.03	15.10	14.87	15.07	15.12	
1.0	35.56	35.77	35.83	35.59	35.80	35.85			14.26	14.47	14.53	14.29	14.50	14.55	
1.1	34.90	35.14	35.19	34.93	35.17	35.21			13.60	13.84	13.89	13.63	13.87	13.91	
1.2	34.16	34.44	34.48	34.20	34.45	34.50			12.86	13.14	13.18	12.90	13.15	13.20	
1.3	33.34	33.66	33.69	33.38	33.67	33.71			12.04	12.36	12.39	12.08	12.37	12.41	
1.4	32.43	32.80	32.82	32.47	32.79	32.84			11.13	11.50	11.52	11.17	11.49	11.54	
1.5	31.41	31.85	31.85	31.46	31.83	31.87	24.60	10.60	10.11	10.55	10.55	10.16	10.53	10.57	
1.6	30.27	30.80	30.78	30.33	30.76	30.80	23.90	9.90	8.97	9.50	9.48	9.03	9.46	9.50	
1.7	29.00	29.64	29.60	29.07	29.58	29.61	23.24	9.24	7.70	8.34	8.30	7.77	8.28	8.31	
1.8	27.57	28.35	28.28	27.66	28.27	28.30	22.62	8.62	6.27	7.05	6.98	6.36	6.97	7.00	
1.9	25.94	26.92	26.80	26.05	26.80	26.82	22.03	8.03	4.64	5.62	5.50	4.75	5.50	5.52	
2.0	24.05	25.32	25.13	24.19	25.17	25.16	21.47	7.47	2.75	4.02	3.83	2.89	3.87	3.86	
2.1	21.82	23.53	23.21	22.01	23.32	23.25	20.94	6.94	0.52	2.23	1.91	0.71	2.02	1.95	
2.2	19.09	21.52	20.95	19.35	21.20	21.02	20.44	6.44	-2.21	0.22	-0.35	-1.95	-0.10	-0.28	
2.3	15.51	19.26	18.24	15.92	18.78	18.33	19.96	5.96	-5.79	-2.04	-3.06	-5.38	-2.52	-2.97	
2.4	10.18	16.83	14.81	10.91	16.02	14.91	19.49	5.49	-11.12	-4.47	-6.49	-10.39	-5.28	-6.39	
2.5	-1.60	14.52	10.29	0.68	13.17	10.25	19.05	5.05	-22.90	-6.78	-11.01	-20.62	-8.13	-11.05	
2.6	2.94	13.14	5.59	0.45	11.19	3.91	18.63	4.63	-18.36	-8.16	-15.71	-20.85	-10.11	-17.39	
2.7	10.18	13.25	7.22	9.21	11.32	4.57	18.22	4.22	-11.12	-8.05	-14.08	-12.09	-9.98	-16.73	
2.8	13.58	14.28	10.94	12.94	12.74	9.37	17.82	3.82	-7.72	-7.02	-10.36	-8.36	-8.56	-11.93	
2.9	15.65	15.43	13.53	15.14	14.20	12.39	17.44	3.44	-5.65	-5.87	-7.77	-6.16	-7.10	-8.91	
3.0	17.01	16.41	15.26	16.57	15.36	14.30	17.07	3.07	-4.29	-4.89	-6.04	-4.73	-5.94	-7.00	
3.1	17.92	17.14	16.44	17.53	16.19	15.58	16.72	2.72	-3.38	-4.16	-4.86	-3.77	-5.11	-5.72	
3.2	18.53	17.64	17.25	18.16	16.74	16.43	16.37	2.37	-2.77	-3.66	-4.05	-3.14	-4.56	-4.87	
3.3	18.90	17.94	17.78	18.56	17.06	16.99	16.04	2.04	-2.40	-3.36	-3.52	-2.74	-4.24	-4.31	
3.4	19.08	18.07	18.10	18.76	17.18	17.32	15.71	1.71	-2.22	-3.23	-3.20	-2.54	-4.12	-3.98	
3.5	19.12	18.06	18.25	18.81	17.15	17.46	15.40	1.40	-2.18	-3.24	-3.05	-2.49	-4.15	-3.84	
3.6	19.02	17.91	18.25	18.72	16.97	17.46	15.09	1.09	-2.28	-3.39	-3.05	-2.58	-4.33	-3.84	
3.7	18.80	17.64	18.13	18.52	16.67	17.33	14.79	0.79	-2.50	-3.66	-3.17	-2.78	-4.63	-3.97	
3.8	18.48	17.25	17.89	18.22	16.25	17.09	14.51	0.51	-2.82	-4.05	-3.41	-3.08	-5.05	-4.21	
3.9	18.07	16.77	17.56	17.82	15.72	16.75	14.22	0.22	-3.23	-4.53	-3.74	-3.48	-5.58	-4.55	
4.0	17.55	16.18	17.14	17.32	15.09	16.33	13.95	-0.05	-3.75	-5.12	-4.16	-3.98	-6.21	-4.97	
4.1	16.95	15.50	16.64	16.74	14.36	15.83	13.68	-0.32	-4.35	-5.80	-4.66	-4.56	-6.94	-5.47	
4.2	16.26	14.72	16.06	16.08	13.54	15.25	13.42	-0.58	-5.04	-6.58	-5.24	-5.22	-7.76	-6.05	
4.3	15.47	13.84	15.40	15.32	12.62	14.62	13.16	-0.84	-5.83	-7.46	-5.90	-5.98	-8.68	-6.68	
4.4	14.60	12.87	14.69	14.49	11.60	13.93	12.91	-1.09	-6.70	-8.43	-6.61	-6.81	-9.70	-7.37	
4.5	13.63	11.79	13.92	13.56	10.49	13.20	12.67	-1.33	-7.67	-9.51	-7.38	-7.74	-10.81	-8.10	
4.6	12.58	10.61	13.11	12.56	9.27	12.44	12.43	-1.57	-8.72	-10.69	-8.19	-8.74	-12.03	-8.86	
4.7	11.44	9.32	12.27	11.48	7.96	11.67	12.20	-1.80	-9.86	-11.98	-9.03	-9.82	-13.34	-9.63	
4.8	10.25	7.90	11.42	10.36	6.53	10.90	11.97	-2.03	-11.05	-13.40	-9.88	-10.94	-14.77	-10.40	
4.9	9.04	6.36	10.57	9.22	4.99	10.15	11.75	-2.25	-12.26	-14.94	-10.73	-12.08	-16.31	-11.15	
5.0	7.89	4.68	9.75	8.14	3.33	9.44	11.53	-2.47	-13.41	-16.62	-11.55	-13.16	-17.97	-11.86	
5.1	6.91	2.85	8.98	7.23	1.55	8.78	11.31	-2.69	-14.39	-18.45	-12.32	-14.07	-19.75	-12.52	
5.2	6.21	0.85	8.28	6.58	-0.35	8.20	11.10	-2.90	-15.09	-20.45	-13.02	-14.72	-21.65	-13.10	
5.3	5.86	-1.31	7.67	6.26	-2.36	7.69	10.89	-3.11	-15.44	-22.61	-13.63	-15.04	-23.66	-13.61	
5.4	5.85	-3.66	7.14	6.26	-4.46	7.25	10.69	-3.31	-15.45	-24.96	-14.16	-15.04	-25.76	-14.05	
5.5	6.05	-6.16	6.71	6.47	-6.59	6.87	10.49	-3.51	-15.25	-27.46	-14.59	-14.83	-27.89	-14.43	
5.6	6.37	-8.74	6.35	6.80	-8.62	6.55	10.30	-3.70	-14.93	-30.04	-14.95	-14.50	-29.92	-14.75	
5.7	6.69	-11.18	6.07	7.14	-10.36	6.26	10.10	-3.90	-14.61	-32.48	-15.23	-14.16	-31.66	-15.04	
5.8	6.98	-13.08	5.83	7.45	-11.58	6.00	9.91	-4.09	-14.32	-34.38	-15.47	-13.85	-32.88	-15.30	
5.9	7.19	-14.07	5.64	7.69	-12.13	5.75	9.73	-4.27	-14.11	-35.37	-15.66	-13.61	-33.43	-15.55	

Table 3 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00	14.25	14.50	14.00	14.25	14.50	FCC	FCC	14.00	14.25	14.50	14.00	14.25	14.50	
Off-Axis Angle	GHz	GHz	GHz	GHz	GHz	GHz	§25.209 (a)(2)	§25.218 (f)(1)	GHz	GHz	GHz	GHz	GHz	GHz	
	(VV)	(VV)	(VV)	(HH)	(HH)	(HH)			(VV)	(VV)	(VV)	(HH)	(HH)	(HH)	
6.0	7.31	-14.10	5.47	7.84	-12.07	5.52	9.55	-4.45	-13.99	-35.40	-15.83	-13.46	-33.37	-15.78	
6.1	7.34	-13.52	5.33	7.91	-11.62	5.30	9.37	-4.63	-13.96	-34.82	-15.97	-13.39	-32.92	-16.00	
6.2	7.28	-12.65	5.21	7.89	-10.96	5.08	9.19	-4.81	-14.02	-33.95	-16.09	-13.41	-32.26	-16.22	
6.3	7.14	-11.68	5.10	7.78	-10.24	4.87	9.02	-4.98	-14.16	-32.98	-16.20	-13.52	-31.54	-16.43	
6.4	6.91	-10.71	4.99	7.59	-9.55	4.66	8.85	-5.15	-14.39	-32.01	-16.31	-13.71	-30.85	-16.64	
6.5	6.61	-9.79	4.88	7.33	-8.93	4.46	8.68	-5.32	-14.69	-31.09	-16.42	-13.97	-30.23	-16.84	
6.6	6.25	-8.95	4.78	6.99	-8.39	4.28	8.51	-5.49	-15.05	-30.25	-16.52	-14.31	-29.69	-17.02	
6.7	5.81	-8.22	4.66	6.59	-7.95	4.10	8.35	-5.65	-15.49	-29.52	-16.64	-14.71	-29.25	-17.20	
6.8	5.33	-7.59	4.55	6.14	-7.59	3.95	8.19	-5.81	-15.97	-28.89	-16.75	-15.16	-28.89	-17.35	
6.9	4.80	-7.03	4.44	5.65	-7.29	3.83	8.03	-5.97	-16.50	-28.33	-16.86	-15.65	-28.59	-17.47	
7.0	4.24	-6.53	4.33	5.12	-6.99	3.74	7.87	-6.13	-17.06	-27.83	-16.97	-16.18	-28.29	-17.56	
7.1	3.66	-6.05	4.23	4.58	-6.65	3.69	8.00	-6.00	-17.64	-27.35	-17.07	-16.72	-27.95	-17.61	
7.2	3.08	-5.56	4.15	4.04	-6.20	3.68	8.00	-6.00	-18.22	-26.86	-17.15	-17.26	-27.50	-17.62	
7.3	2.53	-5.03	4.10	3.52	-5.62	3.72	8.00	-6.00	-18.77	-26.33	-17.20	-17.78	-26.92	-17.58	
7.4	2.03	-4.44	4.07	3.05	-4.89	3.80	8.00	-6.00	-19.27	-25.74	-17.23	-18.25	-26.19	-17.50	
7.5	1.60	-3.79	4.07	2.64	-4.05	3.91	8.00	-6.00	-19.70	-25.09	-17.23	-18.66	-25.35	-17.39	
7.6	1.28	-3.10	4.10	2.31	-3.14	4.04	8.00	-6.00	-20.02	-24.40	-17.20	-18.99	-24.44	-17.26	
7.7	1.06	-2.39	4.14	2.07	-2.22	4.17	8.00	-6.00	-20.24	-23.69	-17.16	-19.23	-23.52	-17.13	
7.8	0.96	-1.68	4.19	1.91	-1.32	4.30	8.00	-6.00	-20.34	-22.98	-17.11	-19.39	-22.62	-17.00	
7.9	0.94	-0.99	4.24	1.82	-0.48	4.40	8.00	-6.00	-20.36	-22.29	-17.06	-19.48	-21.78	-16.90	
8.0	0.98	-0.36	4.27	1.79	0.29	4.47	8.00	-6.00	-20.32	-21.66	-17.03	-19.51	-21.01	-16.83	
8.1	1.06	0.22	4.27	1.79	0.97	4.50	8.00	-6.00	-20.24	-21.08	-17.03	-19.51	-20.33	-16.80	
8.2	1.14	0.73	4.23	1.81	1.56	4.48	8.00	-6.00	-20.16	-20.57	-17.07	-19.49	-19.74	-16.82	
8.3	1.21	1.17	4.15	1.82	2.07	4.41	8.00	-6.00	-20.09	-20.13	-17.15	-19.48	-19.23	-16.89	
8.4	1.23	1.53	4.03	1.81	2.49	4.28	8.00	-6.00	-20.07	-19.77	-17.27	-19.49	-18.81	-17.02	
8.5	1.21	1.82	3.86	1.78	2.82	4.09	8.00	-6.00	-20.09	-19.48	-17.44	-19.52	-18.48	-17.21	
8.6	1.14	2.04	3.65	1.71	3.07	3.85	8.00	-6.00	-20.16	-19.26	-17.65	-19.59	-18.23	-17.45	
8.7	1.01	2.20	3.40	1.60	3.25	3.56	8.00	-6.00	-20.29	-19.10	-17.90	-19.70	-18.05	-17.74	
8.8	0.82	2.29	3.12	1.47	3.35	3.23	8.00	-6.00	-20.48	-19.01	-18.18	-19.83	-17.95	-18.07	
8.9	0.61	2.33	2.83	1.31	3.38	2.88	8.00	-6.00	-20.69	-18.97	-18.47	-19.99	-17.92	-18.42	
9.0	0.37	2.32	2.54	1.13	3.36	2.51	8.00	-6.00	-20.93	-18.98	-18.76	-20.17	-17.94	-18.79	
9.1	0.14	2.26	2.26	0.95	3.28	2.14	8.00	-6.00	-21.16	-19.04	-19.04	-20.35	-18.02	-19.16	
9.2	-0.04	2.18	2.01	0.80	3.15	1.80	8.00	-6.00	-21.34	-19.12	-19.29	-20.50	-18.15	-19.50	
9.3	-0.16	2.06	1.80	0.68	2.98	1.50	7.79	-6.21	-21.46	-19.24	-19.50	-20.62	-18.32	-19.80	
9.4	-0.18	1.93	1.64	0.61	2.79	1.25	7.67	-6.33	-21.48	-19.37	-19.66	-20.69	-18.51	-20.05	
9.5	-0.10	1.79	1.51	0.61	2.57	1.06	7.56	-6.44	-21.40	-19.51	-19.79	-20.69	-18.73	-20.24	
9.6	0.07	1.65	1.43	0.67	2.34	0.92	7.44	-6.56	-21.23	-19.65	-19.87	-20.63	-18.96	-20.38	
9.7	0.30	1.51	1.37	0.78	2.11	0.84	7.33	-6.67	-21.00	-19.79	-19.93	-20.52	-19.19	-20.46	
9.8	0.58	1.37	1.32	0.93	1.89	0.79	7.22	-6.78	-20.72	-19.93	-19.98	-20.37	-19.41	-20.51	
9.9	0.86	1.25	1.27	1.10	1.68	0.76	7.11	-6.89	-20.44	-20.05	-20.03	-20.20	-19.62	-20.54	
10.0	1.11	1.13	1.20	1.26	1.49	0.74	7.00	-7.00	-20.19	-20.17	-20.10	-20.04	-19.81	-20.56	

Table 4 - Pattern Data (Elevation | Co-Polarized | Fine)

Table 4 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-10.0	-0.04	4.72	1.28	-0.57	5.40	1.47	7.00	-7.00	-21.34	-16.58	-20.02	-21.87	-15.90	-19.83	
-9.9	0.87	5.12	1.95	0.44	5.78	2.18	7.11	-6.89	-20.43	-16.18	-19.35	-20.86	-15.52	-19.12	
-9.8	1.64	5.47	2.58	1.28	6.12	2.86	7.22	-6.78	-19.66	-15.83	-18.72	-20.02	-15.18	-18.44	
-9.7	2.27	5.76	3.14	1.97	6.40	3.48	7.33	-6.67	-19.03	-15.54	-18.16	-19.33	-14.90	-17.82	
-9.6	2.77	5.98	3.64	2.51	6.62	4.04	7.44	-6.56	-18.53	-15.32	-17.66	-18.79	-14.68	-17.26	
-9.5	3.16	6.13	4.05	2.91	6.78	4.53	7.56	-6.44	-18.14	-15.17	-17.25	-18.39	-14.52	-16.77	
-9.4	3.42	6.20	4.38	3.18	6.86	4.93	7.67	-6.33	-17.88	-15.10	-16.92	-18.12	-14.44	-16.37	
-9.3	3.58	6.18	4.62	3.33	6.87	5.25	7.79	-6.21	-17.72	-15.12	-16.68	-17.97	-14.43	-16.05	
-9.2	3.64	6.06	4.77	3.37	6.78	5.49	7.91	-6.09	-17.66	-15.24	-16.53	-17.93	-14.52	-15.81	
-9.1	3.62	5.84	4.82	3.30	6.60	5.64	8.02	-5.98	-17.68	-15.46	-16.48	-18.00	-14.70	-15.66	
-9.0	3.52	5.51	4.78	3.15	6.32	5.70	8.14	-5.86	-17.78	-15.79	-16.52	-18.15	-14.98	-15.60	
-8.9	3.36	5.07	4.64	2.93	5.93	5.69	8.27	-5.73	-17.94	-16.23	-16.66	-18.37	-15.37	-15.61	
-8.8	3.17	4.49	4.40	2.65	5.41	5.59	8.39	-5.61	-18.13	-16.81	-16.90	-18.65	-15.89	-15.71	
-8.7	2.96	3.79	4.07	2.34	4.77	5.42	8.51	-5.49	-18.34	-17.51	-17.23	-18.96	-16.53	-15.88	
-8.6	2.77	2.93	3.64	2.02	3.98	5.18	8.64	-5.36	-18.53	-18.37	-17.66	-19.28	-17.32	-16.12	
-8.5	2.61	1.94	3.12	1.74	3.04	4.87	8.76	-5.24	-18.69	-19.36	-18.18	-19.56	-18.26	-16.43	
-8.4	2.51	0.80	2.52	1.50	1.93	4.50	8.89	-5.11	-18.79	-20.50	-18.78	-19.80	-19.37	-16.80	
-8.3	2.45	-0.45	1.87	1.34	0.63	4.09	9.02	-4.98	-18.85	-21.75	-19.43	-19.96	-20.67	-17.21	
-8.2	2.46	-1.74	1.18	1.25	-0.85	3.65	9.15	-4.85	-18.84	-23.04	-20.12	-20.05	-22.15	-17.65	
-8.1	2.50	-2.94	0.50	1.22	-2.49	3.20	9.29	-4.71	-18.80	-24.24	-20.80	-20.08	-23.79	-18.10	
-8.0	2.57	-3.90	-0.12	1.24	-4.21	2.75	9.42	-4.58	-18.73	-25.20	-21.42	-20.06	-25.51	-18.55	
-7.9	2.66	-4.49	-0.64	1.32	-5.84	2.34	9.56	-4.44	-18.64	-25.79	-21.94	-19.98	-27.14	-18.96	
-7.8	2.78	-4.76	-1.01	1.45	-7.12	1.98	9.70	-4.30	-18.52	-26.06	-22.31	-19.85	-28.42	-19.32	
-7.7	2.93	-4.90	-1.23	1.65	-7.90	1.68	9.84	-4.16	-18.37	-26.20	-22.53	-19.65	-29.20	-19.62	
-7.6	3.14	-5.12	-1.31	1.96	-8.33	1.45	9.98	-4.02	-18.16	-26.42	-22.61	-19.34	-29.63	-19.85	
-7.5	3.45	-5.62	-1.29	2.42	-8.73	1.28	10.12	-3.88	-17.85	-26.92	-22.59	-18.88	-30.03	-20.02	
-7.4	3.89	-6.60	-1.18	3.03	-9.47	1.19	10.27	-3.73	-17.41	-27.90	-22.48	-18.27	-30.77	-20.11	
-7.3	4.47	-8.33	-1.01	3.80	-10.86	1.16	10.42	-3.58	-16.83	-29.63	-22.31	-17.50	-32.16	-20.14	
-7.2	5.17	-11.42	-0.75	4.68	-13.40	1.21	10.57	-3.43	-16.13	-32.72	-22.05	-16.62	-34.70	-20.09	
-7.1	5.96	-18.03	-0.40	5.62	-17.71	1.34	10.72	-3.28	-15.34	-39.33	-21.70	-15.68	-39.01	-19.96	
-7.0	6.79	-25.26	0.07	6.57	-18.87	1.56	10.87	-3.13	-14.51	-46.56	-21.23	-14.73	-40.17	-19.74	
-6.9	7.62	-12.32	0.65	7.48	-12.76	1.87	11.03	-2.97	-13.68	-33.62	-20.65	-13.82	-34.06	-19.43	
-6.8	8.40	-6.95	1.31	8.32	-8.13	2.26	11.19	-2.81	-12.90	-28.25	-19.99	-12.98	-29.43	-19.04	
-6.7	9.10	-3.55	2.03	9.07	-4.87	2.72	11.35	-2.65	-12.20	-24.85	-19.27	-12.23	-26.17	-18.58	
-6.6	9.71	-1.11	2.74	9.71	-2.45	3.19	11.51	-2.49	-11.59	-22.41	-18.56	-11.59	-23.75	-18.11	
-6.5	10.21	0.71	3.40	10.22	-0.60	3.66	11.68	-2.32	-11.09	-20.59	-17.90	-11.08	-21.90	-17.64	
-6.4	10.58	2.10	3.97	10.60	0.81	4.08	11.85	-2.15	-10.72	-19.20	-17.33	-10.70	-20.49	-17.22	
-6.3	10.81	3.12	4.42	10.83	1.87	4.41	12.02	-1.98	-10.49	-18.18	-16.88	-10.47	-19.43	-16.89	
-6.2	10.90	3.84	4.71	10.91	2.63	4.62	12.19	-1.81	-10.40	-17.46	-16.59	-10.39	-18.67	-16.68	
-6.1	10.81	4.29	4.83	10.81	3.10	4.67	12.37	-1.63	-10.49	-17.01	-16.47	-10.49	-18.20	-16.63	
-6.0	10.53	4.47	4.73	10.52	3.30	4.53	12.55	-1.45	-10.77	-16.83	-16.57	-10.78	-18.00	-16.77	
-5.9	10.04	4.41	4.37	10.00	3.24	4.14	12.73	-1.27	-11.26	-16.89	-16.93	-11.30	-18.06	-17.16	
-5.8	9.27	4.13	3.70	9.19	2.96	3.45	12.91	-1.09	-12.03	-17.17	-17.60	-12.11	-18.34	-17.85	
-5.7	8.17	3.68	2.64	8.02	2.50	2.34	13.10	-0.90	-13.13	-17.62	-18.66	-13.28	-18.80	-18.96	
-5.6	6.60	3.22	1.02	6.33	2.06	0.63	13.30	-0.70	-14.70	-18.08	-20.28	-14.97	-19.24	-20.67	
-5.5	4.33	3.05	-1.33	3.84	1.98	-1.98	13.49	-0.51	-16.97	-18.25	-22.63	-17.46	-19.32	-23.28	
-5.4	0.91	3.53	-4.31	-0.17	2.66	-5.82	13.69	-0.31	-20.39	-17.77	-25.61	-21.47	-18.64	-27.12	
-5.3	-4.14	4.77	-5.00	-7.13	4.12	-7.34	13.89	-0.11	-25.44	-16.53	-26.30	-28.43	-17.18	-28.64	
-5.2	-3.99	6.46	-1.35	-4.45	5.97	-2.50	14.10	0.10	-25.29	-14.84	-22.65	-25.75	-15.33	-23.80	
-5.1	1.67	8.28	2.52	2.21	7.89	1.95	14.31	0.31	-19.63	-13.02	-18.78	-19.09	-13.41	-19.35	
-5.0	5.72	10.02	5.60	6.29	9.69	5.27	14.53	0.53	-15.58	-11.28	-15.70	-15.01	-11.61	-16.03	
-4.9	8.62	11.61	8.07	9.14	11.32	7.86	14.75	0.75	-12.68	-9.69	-13.23	-12.16	-9.98	-13.44	

Table 4 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
-4.8	10.83	13.03	10.11	11.31	12.78	9.98	14.97	0.97	-10.47	-8.27	-11.19	-9.99	-8.52	-11.32	
-4.7	12.60	14.30	11.84	13.05	14.07	11.76	15.20	1.20	-8.70	-7.00	-9.46	-8.25	-7.23	-9.54	
-4.6	14.06	15.43	13.34	14.48	15.22	13.30	15.43	1.43	-7.24	-5.87	-7.96	-6.82	-6.08	-8.00	
-4.5	15.30	16.43	14.65	15.69	16.25	14.64	15.67	1.67	-6.00	-4.87	-6.65	-5.61	-5.05	-6.66	
-4.4	16.38	17.33	15.83	16.73	17.16	15.83	15.91	1.91	-4.92	-3.97	-5.47	-4.57	-4.14	-5.47	
-4.3	17.32	18.13	16.90	17.64	17.98	16.91	16.16	2.16	-3.98	-3.17	-4.40	-3.66	-3.32	-4.39	
-4.2	18.17	18.86	17.88	18.45	18.71	17.88	16.42	2.42	-3.13	-2.44	-3.42	-2.85	-2.59	-3.42	
-4.1	18.95	19.52	18.78	19.19	19.37	18.78	16.68	2.68	-2.35	-1.78	-2.52	-2.11	-1.93	-2.52	
-4.0	19.68	20.11	19.62	19.87	19.96	19.60	16.95	2.95	-1.62	-1.19	-1.68	-1.43	-1.34	-1.70	
-3.9	20.36	20.66	20.41	20.52	20.50	20.36	17.22	3.22	-0.94	-0.64	-0.89	-0.78	-0.80	-0.94	
-3.8	21.01	21.16	21.14	21.12	20.99	21.07	17.51	3.51	-0.29	-0.14	-0.16	-0.18	-0.31	-0.23	
-3.7	21.62	21.62	21.82	21.70	21.43	21.72	17.79	3.79	0.32	0.32	0.52	0.40	0.13	0.42	
-3.6	22.20	22.03	22.45	22.24	21.82	22.31	18.09	4.09	0.90	0.73	1.15	0.94	0.52	1.01	
-3.5	22.73	22.39	23.01	22.75	22.16	22.85	18.40	4.40	1.43	1.09	1.71	1.45	0.86	1.55	
-3.4	23.21	22.69	23.51	23.21	22.44	23.33	18.71	4.71	1.91	1.39	2.21	1.91	1.14	2.03	
-3.3	23.62	22.93	23.94	23.61	22.65	23.73	19.04	5.04	2.32	1.63	2.64	2.31	1.35	2.43	
-3.2	23.96	23.10	24.28	23.95	22.79	24.06	19.37	5.37	2.66	1.80	2.98	2.65	1.49	2.76	
-3.1	24.21	23.18	24.53	24.20	22.85	24.30	19.72	5.72	2.91	1.88	3.23	2.90	1.55	3.00	
-3.0	24.36	23.14	24.68	24.36	22.80	24.44		6.07	3.06	1.84	3.38	3.06	1.50	3.14	
-2.9	24.39	22.99	24.72	24.41	22.63	24.47			3.09	1.69	3.42	3.11	1.33	3.17	
-2.8	24.29	22.68	24.62	24.33	22.32	24.38			2.99	1.38	3.32	3.03	1.02	3.08	
-2.7	24.01	22.19	24.36	24.09	21.85	24.14			2.71	0.89	3.06	2.79	0.55	2.84	
-2.6	23.55	21.48	23.92	23.68	21.18	23.73			2.25	0.18	2.62	2.38	-0.12	2.43	
-2.5	22.84	20.51	23.28	23.05	20.31	23.14			1.54	-0.79	1.98	1.75	-0.99	1.84	
-2.4	21.84	19.25	22.39	22.18	19.28	22.35			0.54	-2.05	1.09	0.88	-2.02	1.05	
-2.3	20.49	17.78	21.23	21.04	18.28	21.37			-0.81	-3.52	-0.07	-0.26	-3.02	0.07	
-2.2	18.76	16.60	19.88	19.67	17.84	20.33			-2.54	-4.70	-1.42	-1.63	-3.46	-0.97	
-2.1	16.99	16.83	18.71	18.41	18.57	19.61			-4.31	-4.47	-2.59	-2.89	-2.73	-1.69	
-2.0	16.51	18.75	18.59	18.15	20.33	19.82			-4.79	-2.55	-2.71	-3.15	-0.97	-1.48	
-1.9	18.39	21.29	20.04	19.55	22.48	21.17			-2.91	-0.01	-1.26	-1.75	1.18	-0.13	
-1.8	21.21	23.72	22.32	21.86	24.58	23.14			-0.09	2.42	1.02	0.56	3.28	1.84	
-1.7	23.88	25.86	24.63	24.22	26.49	25.19			2.58	4.56	3.33	2.92	5.19	3.89	
-1.6	26.16	27.72	26.71	26.36	28.20	27.11			4.86	6.42	5.41	5.06	6.90	5.81	
-1.5	28.10	29.33	28.54	28.22	29.71	28.82			6.80	8.03	7.24	6.92	8.41	7.52	
-1.4	29.76	30.75	30.13	29.83	31.05	30.33			8.46	9.45	8.83	8.53	9.75	9.03	
-1.3	31.20	32.00	31.51	31.24	32.24	31.67			9.90	10.70	10.21	9.94	10.94	10.37	
-1.2	32.44	33.09	32.73	32.47	33.29	32.85			11.14	11.79	11.43	11.17	11.99	11.55	
-1.1	33.53	34.06	33.79	33.55	34.23	33.89			12.23	12.76	12.49	12.25	12.93	12.59	
-1.0	34.47	34.91	34.72	34.49	35.06	34.80			13.17	13.61	13.42	13.19	13.76	13.50	
-0.9	35.30	35.66	35.53	35.31	35.79	35.60			14.00	14.36	14.23	14.01	14.49	14.30	
-0.8	36.01	36.31	36.23	36.02	36.42	36.29			14.71	15.01	14.93	14.72	15.12	14.99	
-0.7	36.62	36.87	36.84	36.64	36.97	36.89			15.32	15.57	15.54	15.34	15.67	15.59	
-0.6	37.14	37.35	37.35	37.16	37.44	37.40			15.84	16.05	16.05	15.86	16.14	16.10	
-0.5	37.57	37.74	37.78	37.59	37.84	37.83			16.27	16.44	16.48	16.29	16.54	16.53	
-0.4	37.92	38.06	38.12	37.94	38.15	38.17			16.62	16.76	16.82	16.64	16.85	16.87	
-0.3	38.18	38.31	38.38	38.20	38.40	38.43			16.88	17.01	17.08	16.90	17.10	17.13	
-0.2	38.37	38.48	38.57	38.39	38.57	38.62			17.07	17.18	17.27	17.09	17.27	17.32	
-0.1	38.48	38.59	38.68	38.50	38.67	38.73			17.18	17.29	17.38	17.20	17.37	17.43	
0.0	38.52	38.62	38.72	38.54	38.70	38.77			17.22	17.32	17.42	17.24	17.40	17.47	
0.1	38.48	38.59	38.69	38.50	38.67	38.73			17.18	17.29	17.39	17.20	17.37	17.43	
0.2	38.37	38.48	38.58	38.39	38.56	38.62			17.07	17.18	17.28	17.09	17.26	17.32	
0.3	38.18	38.31	38.39	38.20	38.39	38.43			16.88	17.01	17.09	16.90	17.09	17.13	
0.4	37.91	38.06	38.13	37.93	38.14	38.16			16.61	16.76	16.83	16.63	16.84	16.86	
0.5	37.56	37.74	37.79	37.58	37.82	37.82			16.26	16.44	16.49	16.28	16.52	16.52	

Table 4 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)
0.6	37.14	37.35	37.37	37.15	37.43	37.39			15.84	16.05	16.07	15.85	16.13	16.09	
0.7	36.62	36.88	36.87	36.63	36.95	36.88			15.32	15.58	15.57	15.33	15.65	15.58	
0.8	36.01	36.33	36.28	36.02	36.40	36.27			14.71	15.03	14.98	14.72	15.10	14.97	
0.9	35.30	35.70	35.60	35.30	35.76	35.57			14.00	14.40	14.30	14.00	14.46	14.27	
1.0	34.49	34.97	34.81	34.48	35.02	34.76			13.19	13.67	13.51	13.18	13.72	13.46	
1.1	33.55	34.15	33.91	33.53	34.18	33.83			12.25	12.85	12.61	12.23	12.88	12.53	
1.2	32.48	33.23	32.89	32.44	33.24	32.77			11.18	11.93	11.59	11.14	11.94	11.47	
1.3	31.26	32.19	31.73	31.19	32.17	31.56			9.96	10.89	10.43	9.89	10.87	10.26	
1.4	29.86	31.02	30.41	29.76	30.96	30.17			8.56	9.72	9.11	8.46	9.66	8.87	
1.5	28.23	29.71	28.91	28.09	29.59	28.58			6.93	8.41	7.61	6.79	8.29	7.28	
1.6	26.35	28.25	27.20	26.13	28.04	26.74			5.05	6.95	5.90	4.83	6.74	5.44	
1.7	24.14	26.61	25.24	23.81	26.28	24.61			2.84	5.31	3.94	2.51	4.98	3.31	
1.8	21.56	24.80	23.04	21.08	24.30	22.22			0.26	3.50	1.74	-0.22	3.00	0.92	
1.9	18.75	22.86	20.72	18.11	22.12	19.79			-2.55	1.56	-0.58	-3.19	0.82	-1.51	
2.0	16.57	20.94	18.75	16.08	19.93	18.16			-4.73	-0.36	-2.55	-5.22	-1.37	-3.14	
2.1	16.55	19.37	18.02	16.63	18.30	18.30			-4.75	-1.93	-3.28	-4.67	-3.00	-3.00	
2.2	18.15	18.64	18.70	18.56	17.92	19.63			-3.15	-2.66	-2.60	-2.74	-3.38	-1.67	
2.3	19.88	18.84	19.96	20.39	18.70	21.12			-1.42	-2.46	-1.34	-0.91	-2.60	-0.18	
2.4	21.28	19.57	21.18	21.81	19.86	22.37			-0.02	-1.73	-0.12	0.51	-1.44	1.07	
2.5	22.32	20.40	22.17	22.85	20.95	23.33			1.02	-0.90	0.87	1.55	-0.35	2.03	
2.6	23.06	21.12	22.90	23.59	21.83	24.03			1.76	-0.18	1.60	2.29	0.53	2.73	
2.7	23.55	21.69	23.41	24.08	22.49	24.51			2.25	0.39	2.11	2.78	1.19	3.21	
2.8	23.84	22.07	23.73	24.37	22.94	24.80			2.54	0.77	2.43	3.07	1.64	3.50	
2.9	23.96	22.30	23.89	24.49	23.22	24.93			2.66	1.00	2.59	3.19	1.92	3.63	
3.0	23.93	22.39	23.89	24.47	23.34	24.92		6.07	2.63	1.09	2.59	3.17	2.04	3.62	
3.1	23.78	22.34	23.78	24.33	23.34	24.78	19.72	5.72	2.48	1.04	2.48	3.03	2.04	3.48	
3.2	23.51	22.19	23.54	24.08	23.22	24.53	19.37	5.37	2.21	0.89	2.24	2.78	1.92	3.23	
3.3	23.16	21.94	23.21	23.74	22.99	24.18	19.04	5.04	1.86	0.64	1.91	2.44	1.69	2.88	
3.4	22.72	21.60	22.78	23.32	22.67	23.74	18.71	4.71	1.42	0.30	1.48	2.02	1.37	2.44	
3.5	22.22	21.19	22.26	22.83	22.28	23.22	18.40	4.40	0.92	-0.11	0.96	1.53	0.98	1.92	
3.6	21.66	20.72	21.67	22.28	21.81	22.61	18.09	4.09	0.36	-0.58	0.37	0.98	0.51	1.31	
3.7	21.06	20.20	21.00	21.68	21.27	21.93	17.79	3.79	-0.24	-1.10	-0.30	0.38	-0.03	0.63	
3.8	20.43	19.64	20.27	21.04	20.69	21.19	17.51	3.51	-0.87	-1.66	-1.03	-0.26	-0.61	-0.11	
3.9	19.78	19.05	19.48	20.36	20.05	20.38	17.22	3.22	-1.52	-2.25	-1.82	-0.94	-1.25	-0.92	
4.0	19.10	18.44	18.64	19.66	19.37	19.51	16.95	2.95	-2.20	-2.86	-2.66	-1.64	-1.93	-1.79	
4.1	18.41	17.82	17.74	18.93	18.66	18.60	16.68	2.68	-2.89	-3.48	-3.56	-2.37	-2.64	-2.70	
4.2	17.69	17.18	16.79	18.15	17.92	17.63	16.42	2.42	-3.61	-4.12	-4.51	-3.15	-3.38	-3.67	
4.3	16.94	16.54	15.78	17.34	17.15	16.61	16.16	2.16	-4.36	-4.76	-5.52	-3.96	-4.15	-4.69	
4.4	16.12	15.89	14.73	16.45	16.36	15.54	15.91	1.91	-5.18	-5.41	-6.57	-4.85	-4.94	-5.76	
4.5	15.23	15.22	13.61	15.49	15.54	14.43	15.67	1.67	-6.07	-6.08	-7.69	-5.81	-5.76	-6.87	
4.6	14.23	14.54	12.42	14.41	14.69	13.26	15.43	1.43	-7.07	-6.76	-8.88	-6.89	-6.61	-8.04	
4.7	13.09	13.83	11.15	13.19	13.82	12.03	15.20	1.20	-8.21	-7.47	-10.15	-8.11	-7.48	-9.27	
4.8	11.76	13.09	9.80	11.79	12.91	10.75	14.97	0.97	-9.54	-8.21	-11.50	-9.51	-8.39	-10.55	
4.9	10.19	12.32	8.34	10.15	11.96	9.42	14.75	0.75	-11.11	-8.98	-12.96	-11.15	-9.34	-11.88	
5.0	8.30	11.49	6.79	8.26	10.96	8.04	14.53	0.53	-13.00	-9.81	-14.51	-13.04	-10.34	-13.26	
5.1	6.04	10.62	5.15	6.14	9.92	6.67	14.31	0.31	-15.26	-10.68	-16.15	-15.16	-11.38	-14.63	
5.2	3.43	9.69	3.50	4.11	8.81	5.37	14.10	0.10	-17.87	-11.61	-17.80	-17.19	-12.49	-15.93	
5.3	1.09	8.71	1.99	3.03	7.63	4.27	13.89	-0.11	-20.21	-12.59	-19.31	-18.27	-13.67	-17.03	
5.4	0.71	7.67	0.86	3.62	6.38	3.48	13.69	-0.31	-20.59	-13.63	-20.44	-17.68	-14.92	-17.82	
5.5	2.42	6.59	0.30	5.17	5.06	3.06	13.49	-0.51	-18.88	-14.71	-21.00	-16.13	-16.24	-18.24	
5.6	4.50	5.45	0.31	6.79	3.66	2.97	13.30	-0.70	-16.80	-15.85	-20.99	-14.51	-17.64	-18.33	
5.7	6.25	4.28	0.65	8.17	2.18	3.09	13.10	-0.90	-15.05	-17.02	-20.65	-13.13	-19.12	-18.21	
5.8	7.60	3.06	1.08	9.26	0.65	3.28	12.91	-1.09	-13.70	-18.24	-20.22	-12.04	-20.65	-18.02	
5.9	8.60	1.81	1.46	10.09	-0.94	3.45	12.73	-1.27	-12.70	-19.49	-19.84	-11.21	-22.24	-17.85	

Table 4 Az Co Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	FCC §25.209 (a)(5)	FCC §25.218 (f)(2)	14.00 GHz (VV)	14.25 GHz (VV)	14.50 GHz (VV)	14.00 GHz (HH)	14.25 GHz (HH)	14.50 GHz (HH)	
6.0	9.31	0.51	1.72	10.69	-2.52	3.54	12.55	-1.45	-11.99	-20.79	-19.58	-10.61	-23.82	-17.76	
6.1	9.79	-0.85	1.84	11.09	-4.03	3.53	12.37	-1.63	-11.51	-22.15	-19.46	-10.21	-25.33	-17.77	
6.2	10.07	-2.30	1.81	11.32	-5.33	3.40	12.19	-1.81	-11.23	-23.60	-19.49	-9.98	-26.63	-17.90	
6.3	10.17	-3.87	1.65	11.39	-6.29	3.17	12.02	-1.98	-11.13	-25.17	-19.65	-9.91	-27.59	-18.13	
6.4	10.11	-5.61	1.39	11.32	-6.77	2.84	11.85	-2.15	-11.19	-26.91	-19.91	-9.98	-28.07	-18.46	
6.5	9.90	-7.53	1.04	11.11	-6.77	2.44	11.68	-2.32	-11.40	-28.83	-20.26	-10.19	-28.07	-18.86	
6.6	9.55	-9.57	0.65	10.78	-6.42	1.98	11.51	-2.49	-11.75	-30.87	-20.65	-10.52	-27.72	-19.32	
6.7	9.08	-11.41	0.26	10.33	-5.87	1.49	11.35	-2.65	-12.22	-32.71	-21.04	-10.97	-27.17	-19.81	
6.8	8.49	-12.32	-0.09	9.78	-5.26	1.01	11.19	-2.81	-12.81	-33.62	-21.39	-11.52	-26.56	-20.29	
6.9	7.80	-11.91	-0.36	9.13	-4.67	0.55	11.03	-2.97	-13.50	-33.21	-21.66	-12.17	-25.97	-20.75	
7.0	7.02	-10.74	-0.52	8.39	-4.16	0.15	10.87	-3.13	-14.28	-32.04	-21.82	-12.91	-25.46	-21.15	
7.1	6.17	-9.50	-0.58	7.59	-3.74	-0.20	10.72	-3.28	-15.13	-30.80	-21.88	-13.71	-25.04	-21.50	
7.2	5.29	-8.49	-0.54	6.74	-3.43	-0.51	10.57	-3.43	-16.01	-29.79	-21.84	-14.56	-24.73	-21.81	
7.3	4.41	-7.76	-0.42	5.88	-3.23	-0.80	10.42	-3.58	-16.89	-29.06	-21.72	-15.42	-24.53	-22.10	
7.4	3.57	-7.29	-0.24	5.04	-3.14	-1.07	10.27	-3.73	-17.73	-28.59	-21.54	-16.26	-24.44	-22.37	
7.5	2.84	-7.03	-0.02	4.26	-3.12	-1.31	10.12	-3.88	-18.46	-28.33	-21.32	-17.04	-24.42	-22.61	
7.6	2.23	-6.87	0.26	3.58	-3.15	-1.49	9.98	-4.02	-19.07	-28.17	-21.04	-17.72	-24.45	-22.79	
7.7	1.78	-6.68	0.60	3.02	-3.15	-1.55	9.84	-4.16	-19.52	-27.98	-20.70	-18.28	-24.45	-22.85	
7.8	1.48	-6.29	1.00	2.59	-3.04	-1.40	9.70	-4.30	-19.82	-27.59	-20.30	-18.71	-24.34	-22.70	
7.9	1.31	-5.54	1.47	2.27	-2.74	-1.00	9.56	-4.44	-19.99	-26.84	-19.83	-19.03	-24.04	-22.30	
8.0	1.25	-4.44	2.00	2.06	-2.20	-0.35	9.42	-4.58	-20.05	-25.74	-19.30	-19.24	-23.50	-21.65	
8.1	1.29	-3.11	2.57	1.94	-1.43	0.47	9.29	-4.71	-20.01	-24.41	-18.73	-19.36	-22.73	-20.83	
8.2	1.41	-1.70	3.15	1.91	-0.51	1.37	9.15	-4.85	-19.89	-23.00	-18.15	-19.39	-21.81	-19.93	
8.3	1.62	-0.32	3.72	1.96	0.49	2.28	9.02	-4.98	-19.68	-21.62	-17.58	-19.34	-20.81	-19.02	
8.4	1.89	0.96	4.25	2.10	1.49	3.13	8.89	-5.11	-19.41	-20.34	-17.05	-19.20	-19.81	-18.17	
8.5	2.22	2.10	4.72	2.32	2.44	3.89	8.76	-5.24	-19.08	-19.20	-16.58	-18.98	-18.86	-17.41	
8.6	2.59	3.11	5.13	2.60	3.30	4.54	8.64	-5.36	-18.71	-18.19	-16.17	-18.70	-18.00	-16.76	
8.7	2.97	3.99	5.45	2.92	4.07	5.07	8.51	-5.49	-18.33	-17.31	-15.85	-18.38	-17.23	-16.23	
8.8	3.33	4.73	5.67	3.25	4.74	5.47	8.39	-5.61	-17.97	-16.57	-15.63	-18.05	-16.56	-15.83	
8.9	3.64	5.34	5.80	3.56	5.30	5.74	8.27	-5.73	-17.66	-15.96	-15.50	-17.74	-16.00	-15.56	
9.0	3.89	5.83	5.82	3.83	5.75	5.88	8.14	-5.86	-17.41	-15.47	-15.48	-17.47	-15.55	-15.42	
9.1	4.05	6.20	5.73	4.04	6.09	5.89	8.02	-5.98	-17.25	-15.10	-15.57	-17.26	-15.21	-15.41	
9.2	4.13	6.46	5.53	4.15	6.34	5.77	7.91	-6.09	-17.17	-14.84	-15.77	-17.15	-14.96	-15.53	
9.3	4.09	6.61	5.21	4.17	6.48	5.51	7.79	-6.21	-17.21	-14.69	-16.09	-17.13	-14.82	-15.79	
9.4	3.94	6.67	4.76	4.08	6.52	5.11	7.67	-6.33	-17.36	-14.63	-16.54	-17.22	-14.78	-16.19	
9.5	3.66	6.62	4.19	3.87	6.47	4.56	7.56	-6.44	-17.64	-14.68	-17.11	-17.43	-14.83	-16.74	
9.6	3.24	6.49	3.49	3.53	6.33	3.87	7.44	-6.56	-18.06	-14.81	-17.81	-17.77	-14.97	-17.43	
9.7	2.68	6.27	2.67	3.04	6.10	3.01	7.33	-6.67	-18.62	-15.03	-18.63	-18.26	-15.20	-18.29	
9.8	1.97	5.97	1.72	2.41	5.79	2.01	7.22	-6.78	-19.33	-15.33	-19.58	-18.89	-15.51	-19.29	
9.9	1.10	5.61	0.67	1.62	5.41	0.85	7.11	-6.89	-20.20	-15.69	-20.63	-19.68	-15.89	-20.45	
10.0	0.06	5.19	-0.45	0.66	4.96	-0.44	7.00	-7.00	-21.24	-16.11	-21.75	-20.64	-16.34	-21.74	

Table 5 - Pattern Data (Azimuth | Cross-Polarized | Fine)

Table 5 Az Crs Fine	Antenna Gain (dBi)								EIRP (dBW/4kHz)					
									Max RF Power Density: -21.3dbW/4kHz					
	Off-Axis Angle	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(1)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)
-10.0	-13.46	-23.98	-14.90	-26.82	-11.22	-16.86			-34.76	-45.28	-36.20	-48.12	-32.52	-38.16
-9.9	-13.73	-21.99	-14.63	-30.41	-10.92	-17.07			-35.03	-43.29	-35.93	-51.71	-32.22	-38.37
-9.8	-13.99	-20.44	-14.19	-36.01	-10.64	-16.99			-35.29	-41.74	-35.49	-57.31	-31.94	-38.29
-9.7	-14.25	-19.20	-13.63	-39.49	-10.39	-16.65			-35.55	-40.50	-34.93	-60.79	-31.69	-37.95
-9.6	-14.50	-18.22	-13.02	-33.34	-10.19	-16.13			-35.80	-39.52	-34.32	-54.64	-31.49	-37.43
-9.5	-14.73	-17.45	-12.39	-29.09	-10.06	-15.53			-36.03	-38.75	-33.69	-50.39	-31.36	-36.83
-9.4	-14.93	-16.87	-11.80	-26.37	-10.01	-14.92			-36.23	-38.17	-33.10	-47.67	-31.31	-36.22
-9.3	-15.07	-16.45	-11.25	-24.51	-10.05	-14.35			-36.37	-37.75	-32.55	-45.81	-31.35	-35.65
-9.2	-15.14	-16.18	-10.76	-23.22	-10.20	-13.85			-36.44	-37.48	-32.06	-44.52	-31.50	-35.15
-9.1	-15.11	-16.06	-10.34	-22.36	-10.47	-13.43			-36.41	-37.36	-31.64	-43.66	-31.77	-34.73
-9.0	-14.98	-16.08	-9.99	-21.85	-10.86	-13.09			-36.28	-37.38	-31.29	-43.15	-32.16	-34.39
-8.9	-14.74	-16.24	-9.71	-21.68	-11.39	-12.83			-36.04	-37.54	-31.01	-42.98	-32.69	-34.13
-8.8	-14.40	-16.52	-9.50	-21.82	-12.08	-12.66			-35.70	-37.82	-30.80	-43.12	-33.38	-33.96
-8.7	-14.00	-16.94	-9.36	-22.31	-12.96	-12.56			-35.30	-38.24	-30.66	-43.61	-34.26	-33.86
-8.6	-13.56	-17.47	-9.28	-23.17	-14.05	-12.54			-34.86	-38.77	-30.58	-44.47	-35.35	-33.84
-8.5	-13.11	-18.12	-9.28	-24.44	-15.39	-12.59			-34.41	-39.42	-30.58	-45.74	-36.69	-33.89
-8.4	-12.69	-18.85	-9.33	-26.07	-17.06	-12.70			-33.99	-40.15	-30.63	-47.37	-38.36	-34.00
-8.3	-12.33	-19.60	-9.45	-27.57	-19.13	-12.87			-33.63	-40.90	-30.75	-48.87	-40.43	-34.17
-8.2	-12.04	-20.30	-9.63	-27.58	-21.72	-13.10			-33.34	-41.60	-30.93	-48.88	-43.02	-34.40
-8.1	-11.85	-20.80	-9.86	-25.63	-24.79	-13.37			-33.15	-42.10	-31.16	-46.93	-46.09	-34.67
-8.0	-11.78	-20.99	-10.13	-23.07	-27.35	-13.68			-33.08	-42.29	-31.43	-44.37	-48.65	-34.98
-7.9	-11.83	-20.80	-10.44	-20.75	-26.98	-14.01			-33.13	-42.10	-31.74	-42.05	-48.28	-35.31
-7.8	-12.04	-20.28	-10.75	-18.82	-24.69	-14.35			-33.34	-41.58	-32.05	-40.12	-45.99	-35.65
-7.7	-12.42	-19.55	-11.04	-17.24	-22.56	-14.67			-33.72	-40.85	-32.34	-38.54	-43.86	-35.97
-7.6	-13.02	-18.72	-11.25	-15.95	-20.94	-14.94			-34.32	-40.02	-32.55	-37.25	-42.24	-36.24
-7.5	-13.87	-17.87	-11.33	-14.93	-19.77	-15.11			-35.17	-39.17	-32.63	-36.23	-41.07	-36.41
-7.4	-15.05	-17.04	-11.24	-14.13	-18.90	-15.15			-36.35	-38.34	-32.54	-35.43	-40.20	-36.45
-7.3	-16.69	-16.27	-10.94	-13.54	-18.20	-15.03			-37.99	-37.57	-32.24	-34.84	-39.50	-36.33
-7.2	-19.02	-15.54	-10.44	-13.13	-17.53	-14.75			-40.32	-36.84	-31.74	-34.43	-38.83	-36.05
-7.1	-22.44	-14.86	-9.77	-12.90	-16.79	-14.34			-43.74	-36.16	-31.07	-34.20	-38.09	-35.64
-7.0	-27.35	-14.23	-9.00	-12.84	-15.89	-13.84	-2.13	-16.13	-48.65	-35.53	-30.30	-34.14	-37.19	-35.14
-6.9	-27.50	-13.65	-8.18	-12.95	-14.83	-13.29	-1.97	-15.97	-48.80	-34.95	-29.48	-34.25	-36.13	-34.59
-6.8	-22.19	-13.13	-7.34	-13.25	-13.65	-12.75	-1.81	-15.81	-43.49	-34.43	-28.64	-34.55	-34.95	-34.05
-6.7	-18.30	-12.66	-6.53	-13.74	-12.43	-12.24	-1.65	-15.65	-39.60	-33.96	-27.83	-35.04	-33.73	-33.54
-6.6	-15.56	-12.26	-5.76	-14.46	-11.23	-11.78	-1.49	-15.49	-36.86	-33.56	-27.06	-35.76	-32.53	-33.08
-6.5	-13.51	-11.92	-5.04	-15.44	-10.10	-11.40	-1.32	-15.32	-34.81	-33.22	-26.34	-36.74	-31.40	-32.70
-6.4	-11.94	-11.67	-4.38	-16.77	-9.07	-11.08	-1.15	-15.15	-33.24	-32.97	-25.68	-38.07	-30.37	-32.38
-6.3	-10.71	-11.52	-3.79	-18.59	-8.15	-10.83	-0.98	-14.98	-32.01	-32.82	-25.09	-39.89	-29.45	-32.13
-6.2	-9.74	-11.46	-3.25	-21.18	-7.35	-10.61	-0.81	-14.81	-31.04	-32.76	-24.55	-42.48	-28.65	-31.91
-6.1	-8.98	-11.52	-2.78	-25.14	-6.67	-10.41	-0.63	-14.63	-30.28	-32.82	-24.08	-46.44	-27.97	-31.71
-6.0	-8.39	-11.71	-2.37	-30.55	-6.10	-10.17	-0.45	-14.45	-29.69	-33.01	-23.67	-51.85	-27.40	-31.47
-5.9	-7.94	-12.02	-2.02	-27.23	-5.63	-9.82	-0.27	-14.27	-29.24	-33.32	-23.32	-48.53	-26.93	-31.12
-5.8	-7.59	-12.46	-1.71	-21.54	-5.25	-9.33	-0.09	-14.09	-28.89	-33.76	-23.01	-42.84	-26.55	-30.63
-5.7	-7.30	-13.02	-1.46	-17.61	-4.95	-8.66	0.10	-13.90	-28.60	-34.32	-22.76	-38.91	-26.25	-29.96
-5.6	-7.05	-13.64	-1.25	-14.67	-4.70	-7.82	0.30	-13.70	-28.35	-34.94	-22.55	-35.97	-26.00	-29.12
-5.5	-6.80	-14.19	-1.08	-12.31	-4.49	-6.85	0.49	-13.51	-28.10	-35.49	-22.38	-33.61	-25.79	-28.15
-5.4	-6.51	-14.48	-0.95	-10.34	-4.26	-5.80	0.69	-13.31	-27.81	-35.78	-22.25	-31.64	-25.56	-27.10
-5.3	-6.16	-14.28	-0.85	-8.64	-4.00	-4.73	0.89	-13.11	-27.46	-35.58	-22.15	-29.94	-25.30	-26.03
-5.2	-5.74	-13.53	-0.78	-7.15	-3.67	-3.69	1.10	-12.90	-27.04	-34.83	-22.08	-28.45	-24.97	-24.99
-5.1	-5.26	-12.37	-0.73	-5.83	-3.24	-2.70	1.31	-12.69	-26.56	-33.67	-22.03	-27.13	-24.54	-24.00
-5.0	-4.75	-11.05	-0.72	-4.66	-2.72	-1.77	1.53	-12.47	-26.05	-32.35	-22.02	-25.96	-24.02	-23.07
-4.9	-4.23	-9.74	-0.73	-3.62	-2.10	-0.92	1.75	-12.25	-25.53	-31.04	-22.03	-24.92	-23.40	-22.22

Az CrS Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00	14.25	14.50	14.00	14.25	14.50	FCC	FCC	14.00	14.25	14.50	14.00	14.25	14.50	
Off-Axis Angle	GHz (HV)	GHz (HV)	GHz (HV)	GHz (VH)	GHz (VH)	GHz (VH)	§25.209 (b)(1)	§25.218 (f)(3)	GHz (HV)	GHz (HV)	GHz (HV)	GHz (VH)	GHz (VH)	GHz (VH)	
-4.8	-3.73	-8.51	-0.78	-2.70	-1.42	-0.16	1.97	-12.03	-25.03	-29.81	-22.08	-24.00	-22.72	-21.46	
-4.7	-3.29	-7.42	-0.86	-1.90	-0.70	0.52	2.20	-11.80	-24.59	-28.72	-22.16	-23.20	-22.00	-20.78	
-4.6	-2.93	-6.47	-0.99	-1.19	0.02	1.11	2.43	-11.57	-24.23	-27.77	-22.29	-22.49	-21.28	-20.19	
-4.5	-2.65	-5.65	-1.16	-0.59	0.71	1.63	2.67	-11.33	-23.95	-26.95	-22.46	-21.89	-20.59	-19.67	
-4.4	-2.49	-4.98	-1.39	-0.08	1.37	2.06	2.91	-11.09	-23.79	-26.28	-22.69	-21.38	-19.93	-19.24	
-4.3	-2.44	-4.43	-1.66	0.34	1.98	2.42	3.16	-10.84	-23.74	-25.73	-22.96	-20.96	-19.32	-18.88	
-4.2	-2.51	-4.01	-1.96	0.67	2.52	2.70	3.42	-10.58	-23.81	-25.31	-23.26	-20.63	-18.78	-18.60	
-4.1	-2.69	-3.70	-2.26	0.92	3.01	2.92	3.68	-10.32	-23.99	-25.00	-23.56	-20.38	-18.29	-18.38	
-4.0	-2.96	-3.51	-2.51	1.10	3.43	3.08	3.95	-10.05	-24.26	-24.81	-23.81	-20.20	-17.87	-18.22	
-3.9	-3.28	-3.42	-2.61	1.22	3.80	3.19	4.22	-9.78	-24.58	-24.72	-23.91	-20.08	-17.50	-18.11	
-3.8	-3.55	-3.44	-2.48	1.29	4.10	3.26	4.51	-9.49	-24.85	-24.74	-23.78	-20.01	-17.20	-18.04	
-3.7	-3.65	-3.56	-2.05	1.33	4.36	3.31	4.79	-9.21	-24.95	-24.86	-23.35	-19.97	-16.94	-17.99	
-3.6	-3.44	-3.76	-1.34	1.37	4.58	3.34	5.09	-8.91	-24.74	-25.06	-22.64	-19.93	-16.72	-17.96	
-3.5	-2.84	-4.05	-0.42	1.43	4.76	3.39	5.40	-8.60	-24.14	-25.35	-21.72	-19.87	-16.54	-17.91	
-3.4	-1.91	-4.40	0.62	1.54	4.91	3.47	5.71	-8.29	-23.21	-25.70	-20.68	-19.76	-16.39	-17.83	
-3.3	-0.77	-4.80	1.70	1.72	5.05	3.60	6.04	-7.96	-22.07	-26.10	-19.60	-19.58	-16.25	-17.70	
-3.2	0.43	-5.22	2.74	2.00	5.18	3.78	6.37	-7.63	-20.87	-26.52	-18.56	-19.30	-16.12	-17.52	
-3.1	1.61	-5.61	3.73	2.37	5.31	4.04	6.72	-7.28	-19.69	-26.91	-17.57	-18.93	-15.99	-17.26	
-3.0	2.71	-5.95	4.63	2.83	5.45	4.37	7.07	-6.93	-18.59	-27.25	-16.67	-18.47	-15.85	-16.93	
-2.9	3.70	-6.20	5.44	3.34	5.60	4.75	7.44	-6.56	-17.60	-27.50	-15.86	-17.96	-15.70	-16.55	
-2.8	4.57	-6.32	6.16	3.90	5.76	5.18	7.82	-6.18	-16.73	-27.62	-15.14	-17.40	-15.54	-16.12	
-2.7	5.34	-6.33	6.78	4.46	5.93	5.63	8.22	-5.78	-15.96	-27.63	-14.52	-16.84	-15.37	-15.67	
-2.6	5.98	-6.23	7.30	5.02	6.11	6.09	8.63	-5.37	-15.32	-27.53	-14.00	-16.28	-15.19	-15.21	
-2.5	6.51	-6.06	7.73	5.55	6.28	6.56	9.05	-4.95	-14.79	-27.36	-13.57	-15.75	-15.02	-14.74	
-2.4	6.94	-5.85	8.07	6.05	6.45	7.01	9.49	-4.51	-14.36	-27.15	-13.23	-15.25	-14.85	-14.29	
-2.3	7.26	-5.63	8.31	6.51	6.61	7.44	9.96	-4.04	-14.04	-26.93	-12.99	-14.79	-14.69	-13.86	
-2.2	7.48	-5.41	8.46	6.94	6.75	7.85	10.44	-3.56	-13.82	-26.71	-12.84	-14.36	-14.55	-13.45	
-2.1	7.59	-5.19	8.52	7.33	6.88	8.24	10.94	-3.06	-13.71	-26.49	-12.78	-13.97	-14.42	-13.06	
-2.0	7.60	-4.98	8.49	7.70	6.99	8.61	11.47	-2.53	-13.70	-26.28	-12.81	-13.60	-14.31	-12.69	
-1.9	7.51	-4.76	8.36	8.04	7.09	8.95	12.03	-1.97	-13.79	-26.06	-12.94	-13.26	-14.21	-12.35	
-1.8	7.32	-4.50	8.14	8.38	7.19	9.28		-1.38	-13.98	-25.80	-13.16	-12.92	-14.11	-12.02	
-1.7	7.02	-4.21	7.81	8.70	7.28	9.60		-0.76	-14.28	-25.51	-13.49	-12.60	-14.02	-11.70	
-1.6	6.62	-3.86	7.39	9.04	7.39	9.90		-0.10	-14.68	-25.16	-13.91	-12.26	-13.91	-11.40	
-1.5	6.11	-3.46	6.85	9.38	7.52	10.20		0.60	-15.19	-24.76	-14.45	-11.92	-13.78	-11.10	
-1.4	5.50	-3.02	6.20	9.73	7.68	10.49			-15.80	-24.32	-15.10	-11.57	-13.62	-10.81	
-1.3	4.80	-2.55	5.43	10.10	7.88	10.77			-16.50	-23.85	-15.87	-11.20	-13.42	-10.53	
-1.2	4.02	-2.08	4.53	10.49	8.12	11.05			-17.28	-23.38	-16.77	-10.81	-13.18	-10.25	
-1.1	3.20	-1.63	3.51	10.88	8.40	11.33			-18.10	-22.93	-17.79	-10.42	-12.90	-9.97	
-1.0	2.39	-1.23	2.35	11.27	8.71	11.59			-18.91	-22.53	-18.95	-10.03	-12.59	-9.71	
-0.9	1.67	-0.88	1.07	11.66	9.04	11.84			-19.63	-22.18	-20.23	-9.64	-12.26	-9.46	
-0.8	1.16	-0.61	-0.29	12.04	9.39	12.08			-20.14	-21.91	-21.59	-9.26	-11.91	-9.22	
-0.7	0.92	-0.43	-1.63	12.39	9.73	12.29			-20.38	-21.73	-22.93	-8.91	-11.57	-9.01	
-0.6	0.97	-0.35	-2.82	12.72	10.06	12.48			-20.33	-21.65	-24.12	-8.58	-11.24	-8.82	
-0.5	1.24	-0.39	-3.65	13.01	10.38	12.63			-20.06	-21.69	-24.95	-8.29	-10.92	-8.67	
-0.4	1.62	-0.56	-4.03	13.26	10.66	12.76			-19.68	-21.86	-25.33	-8.04	-10.64	-8.54	
-0.3	2.03	-0.86	-4.01	13.47	10.92	12.84			-19.27	-22.16	-25.31	-7.83	-10.38	-8.46	
-0.2	2.38	-1.34	-3.80	13.63	11.13	12.89			-18.92	-22.64	-25.10	-7.67	-10.17	-8.41	
-0.1	2.65	-1.99	-3.58	13.74	11.31	12.89			-18.65	-23.29	-24.88	-7.56	-9.99	-8.41	
0.0	2.79	-2.87	-3.48	13.79	11.44	12.84			-18.51	-24.17	-24.78	-7.51	-9.86	-8.46	
0.1	2.80	-4.01	-3.56	13.79	11.53	12.74			-18.50	-25.31	-24.86	-7.51	-9.77	-8.56	
0.2	2.67	-5.47	-3.89	13.73	11.58	12.59			-18.63	-26.77	-25.19	-7.57	-9.72	-8.71	
0.3	2.37	-7.31	-4.50	13.61	11.59	12.38			-18.93	-28.61	-25.80	-7.69	-9.71	-8.92	
0.4	1.89	-9.48	-5.44	13.44	11.57	12.11			-19.41	-30.78	-26.74	-7.86	-9.73	-9.19	
0.5	1.22	-11.37	-6.79	13.20	11.51	11.79			-20.08	-32.67	-28.09	-8.10	-9.79	-9.51	

Table 5 Az Crz Fine	Antenna Gain (dBi)								EIRP (dBW/4kHz)					
									Max RF Power Density: -21.3dbW/4kHz					
	Off-Axis Angle	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(1)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)
0.6	0.31	-11.36	-8.57	12.90	11.43	11.40			-20.99	-32.66	-29.87	-8.40	-9.87	-9.90
0.7	-0.87	-9.32	-10.65	12.53	11.32	10.94			-22.17	-30.62	-31.95	-8.77	-9.98	-10.36
0.8	-2.41	-6.87	-12.05	12.10	11.20	10.43			-23.71	-28.17	-33.35	-9.20	-10.10	-10.87
0.9	-4.45	-4.73	-11.13	11.61	11.07	9.84			-25.75	-26.03	-32.43	-9.69	-10.23	-11.46
1.0	-7.24	-2.96	-8.63	11.05	10.93	9.19			-28.54	-24.26	-29.93	-10.25	-10.37	-12.11
1.1	-11.31	-1.53	-6.11	10.43	10.79	8.48			-32.61	-22.83	-27.41	-10.87	-10.51	-12.82
1.2	-17.10	-0.36	-3.99	9.75	10.64	7.71			-38.40	-21.66	-25.29	-11.55	-10.66	-13.59
1.3	-16.00	0.60	-2.26	9.01	10.50	6.90			-37.30	-20.70	-23.56	-12.29	-10.80	-14.40
1.4	-10.70	1.36	-0.86	8.22	10.35	6.07			-32.00	-19.94	-22.16	-13.08	-10.95	-15.23
1.5	-7.23	1.97	0.29	7.38	10.20	5.25		0.60	-28.53	-19.33	-21.01	-13.92	-11.10	-16.05
1.6	-4.90	2.43	1.22	6.51	10.04	4.47		-0.10	-26.20	-18.87	-20.08	-14.79	-11.26	-16.83
1.7	-3.25	2.77	1.97	5.63	9.86	3.79		-0.76	-24.55	-18.53	-19.33	-15.67	-11.44	-17.51
1.8	-2.08	2.99	2.57	4.77	9.67	3.26		-1.38	-23.38	-18.31	-18.73	-16.53	-11.63	-18.04
1.9	-1.25	3.09	3.04	3.96	9.46	2.90	12.03	-1.97	-22.55	-18.21	-18.26	-17.34	-11.84	-18.40
2.0	-0.71	3.10	3.40	3.24	9.21	2.73	11.47	-2.53	-22.01	-18.20	-17.90	-18.06	-12.09	-18.57
2.1	-0.41	3.00	3.65	2.64	8.94	2.70	10.94	-3.06	-21.71	-18.30	-17.65	-18.66	-12.36	-18.60
2.2	-0.33	2.80	3.82	2.18	8.63	2.78	10.44	-3.56	-21.63	-18.50	-17.48	-19.12	-12.67	-18.52
2.3	-0.47	2.51	3.91	1.88	8.29	2.92	9.96	-4.04	-21.77	-18.79	-17.39	-19.42	-13.01	-18.38
2.4	-0.82	2.13	3.94	1.72	7.91	3.07	9.49	-4.51	-22.12	-19.17	-17.36	-19.58	-13.39	-18.23
2.5	-1.39	1.65	3.91	1.69	7.51	3.20	9.05	-4.95	-22.69	-19.65	-17.39	-19.61	-13.79	-18.10
2.6	-2.20	1.09	3.84	1.75	7.08	3.30	8.63	-5.37	-23.50	-20.21	-17.46	-19.55	-14.22	-18.00
2.7	-3.27	0.45	3.74	1.88	6.64	3.35	8.22	-5.78	-24.57	-20.85	-17.56	-19.42	-14.66	-17.95
2.8	-4.63	-0.25	3.61	2.05	6.21	3.34	7.82	-6.18	-25.93	-21.55	-17.69	-19.25	-15.09	-17.96
2.9	-6.29	-1.00	3.47	2.26	5.80	3.28	7.44	-6.56	-27.59	-22.30	-17.83	-19.04	-15.50	-18.02
3.0	-8.11	-1.76	3.32	2.48	5.44	3.16	7.07	-6.93	-29.41	-23.06	-17.98	-18.82	-15.86	-18.14
3.1	-9.54	-2.48	3.15	2.70	5.14	2.97	6.72	-7.28	-30.84	-23.78	-18.15	-18.60	-16.16	-18.33
3.2	-9.63	-3.10	2.97	2.91	4.91	2.74	6.37	-7.63	-30.93	-24.40	-18.33	-18.39	-16.39	-18.56
3.3	-8.28	-3.57	2.77	3.11	4.77	2.44	6.04	-7.96	-29.58	-24.87	-18.53	-18.19	-16.53	-18.86
3.4	-6.44	-3.83	2.54	3.29	4.69	2.09	5.71	-8.29	-27.74	-25.13	-18.76	-18.01	-16.61	-19.21
3.5	-4.71	-3.90	2.27	3.42	4.67	1.68	5.40	-8.60	-26.01	-25.20	-19.03	-17.88	-16.63	-19.62
3.6	-3.26	-3.79	1.95	3.52	4.69	1.22	5.09	-8.91	-24.56	-25.09	-19.35	-17.78	-16.61	-20.08
3.7	-2.09	-3.58	1.56	3.56	4.71	0.70	4.79	-9.21	-23.39	-24.88	-19.74	-17.74	-16.59	-20.60
3.8	-1.17	-3.32	1.10	3.55	4.73	0.12	4.51	-9.49	-22.47	-24.62	-20.20	-17.75	-16.57	-21.18
3.9	-0.46	-3.06	0.54	3.47	4.72	-0.52	4.22	-9.78	-21.76	-24.36	-20.76	-17.83	-16.58	-21.82
4.0	0.06	-2.83	-0.12	3.32	4.66	-1.22	3.95	-10.05	-21.24	-24.13	-21.42	-17.98	-16.64	-22.52
4.1	0.41	-2.65	-0.91	3.09	4.55	-1.98	3.68	-10.32	-20.89	-23.95	-22.21	-18.21	-16.75	-23.28
4.2	0.60	-2.53	-1.82	2.78	4.38	-2.80	3.42	-10.58	-20.70	-23.83	-23.12	-18.52	-16.92	-24.10
4.3	0.65	-2.47	-2.88	2.37	4.14	-3.66	3.16	-10.84	-20.65	-23.77	-24.18	-18.93	-17.16	-24.96
4.4	0.56	-2.48	-4.08	1.87	3.82	-4.55	2.91	-11.09	-20.74	-23.78	-25.38	-19.43	-17.48	-25.85
4.5	0.34	-2.55	-5.39	1.26	3.43	-5.43	2.67	-11.33	-20.96	-23.85	-26.69	-20.04	-17.87	-26.73
4.6	-0.01	-2.68	-6.73	0.52	2.96	-6.25	2.43	-11.57	-21.31	-23.98	-28.03	-20.78	-18.34	-27.55
4.7	-0.50	-2.85	-7.92	-0.34	2.40	-6.95	2.20	-11.80	-21.80	-24.15	-29.22	-21.64	-18.90	-28.25
4.8	-1.12	-3.07	-8.68	-1.37	1.77	-7.47	1.97	-12.03	-22.42	-24.37	-29.98	-22.67	-19.53	-28.77
4.9	-1.89	-3.31	-8.82	-2.57	1.06	-7.78	1.75	-12.25	-23.19	-24.61	-30.12	-23.87	-20.24	-29.08
5.0	-2.80	-3.57	-8.42	-3.98	0.27	-7.89	1.53	-12.47	-24.10	-24.87	-29.72	-25.28	-21.03	-29.19
5.1	-3.85	-3.85	-7.75	-5.65	-0.58	-7.84	1.31	-12.69	-25.15	-25.15	-29.05	-26.95	-21.88	-29.14
5.2	-5.05	-4.14	-7.04	-7.66	-1.48	-7.71	1.10	-12.90	-26.35	-25.44	-28.34	-28.96	-22.78	-29.01
5.3	-6.38	-4.42	-6.44	-10.10	-2.40	-7.54	0.89	-13.11	-27.68	-25.72	-27.74	-31.40	-23.70	-28.84
5.4	-7.79	-4.70	-5.99	-13.07	-3.33	-7.39	0.69	-13.31	-29.09	-26.00	-27.29	-34.37	-24.63	-28.69
5.5	-9.17	-4.98	-5.72	-16.37	-4.20	-7.29	0.49	-13.51	-30.47	-26.28	-27.02	-37.67	-25.50	-28.59
5.6	-10.30	-5.27	-5.61	-18.19	-5.00	-7.24	0.30	-13.70	-31.60	-26.57	-26.91	-39.49	-26.30	-28.54
5.7	-10.95	-5.56	-5.67	-16.73	-5.68	-7.26	0.10	-13.90	-32.25	-26.86	-26.97	-38.03	-26.98	-28.56
5.8	-11.02	-5.87	-5.87	-14.33	-6.25	-7.33	-0.09	-14.09	-32.32	-27.17	-27.17	-35.63	-27.55	-28.63
5.9	-10.64	-6.21	-6.18	-12.36	-6.71	-7.45	-0.27	-14.27	-31.94	-27.51	-27.48	-33.66	-28.01	-28.75

Table 5 Az Crs Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz) Max RF Power Density: -21.3dbW/4kHz								
	14.00	14.25	14.50	14.00	14.25	14.50	FCC	FCC	14.00	14.25	14.50	14.00	14.25	14.50	
	Off-Axis Angle	GHz (HV)	GHz (HV)	GHz (HV)	GHz (VH)	GHz (VH)	§25.209 (b)(1)	§25.218 (f)(3)	GHz (HV)	GHz (HV)	GHz (HV)	GHz (VH)	GHz (VH)	GHz (VH)	
6.0	-10.06	-6.59	-6.58	-10.91	-7.09	-7.60	-0.45	-14.45	-31.36	-27.89	-27.88	-32.21	-28.39	-28.90	
6.1	-9.47	-7.02	-6.99	-9.86	-7.47	-7.77	-0.63	-14.63	-30.77	-28.32	-28.29	-31.16	-28.77	-29.07	
6.2	-8.95	-7.50	-7.36	-9.13	-7.86	-7.94	-0.81	-14.81	-30.25	-28.80	-28.66	-30.43	-29.16	-29.24	
6.3	-8.56	-8.05	-7.60	-8.64	-8.34	-8.09	-0.98	-14.98	-29.86	-29.35	-28.90	-29.94	-29.64	-29.39	
6.4	-8.29	-8.68	-7.67	-8.34	-8.92	-8.23	-1.15	-15.15	-29.59	-29.98	-28.97	-29.64	-30.22	-29.53	
6.5	-8.14	-9.38	-7.55	-8.20	-9.66	-8.34	-1.32	-15.32	-29.44	-30.68	-28.85	-29.50	-30.96	-29.64	
6.6	-8.11	-10.17	-7.29	-8.20	-10.59	-8.45	-1.49	-15.49	-29.41	-31.47	-28.59	-29.50	-31.89	-29.75	
6.7	-8.19	-11.05	-6.95	-8.32	-11.77	-8.56	-1.65	-15.65	-29.49	-32.35	-28.25	-29.62	-33.07	-29.86	
6.8	-8.37	-12.02	-6.61	-8.53	-13.27	-8.69	-1.81	-15.81	-29.67	-33.32	-27.91	-29.83	-34.57	-29.99	
6.9	-8.64	-13.07	-6.33	-8.82	-15.24	-8.88	-1.97	-15.97	-29.94	-34.37	-27.63	-30.12	-36.54	-30.18	
7.0	-9.00	-14.17	-6.14	-9.17	-17.91	-9.13	-2.13	-16.13	-30.30	-35.47	-27.44	-30.47	-39.21	-30.43	
7.1	-9.45	-15.29	-6.06	-9.58	-21.85	-9.47			-30.75	-36.59	-27.36	-30.88	-43.15	-30.77	
7.2	-9.99	-16.37	-6.12	-10.01	-28.15	-9.92			-31.29	-37.67	-27.42	-31.31	-49.45	-31.22	
7.3	-10.62	-17.33	-6.32	-10.45	-28.50	-10.50			-31.92	-38.63	-27.62	-31.75	-49.80	-31.80	
7.4	-11.35	-18.07	-6.67	-10.86	-22.10	-11.23			-32.65	-39.37	-27.97	-32.16	-43.40	-32.53	
7.5	-12.15	-18.54	-7.17	-11.20	-18.08	-12.12			-33.45	-39.84	-28.47	-32.50	-39.38	-33.42	
7.6	-13.03	-18.76	-7.81	-11.41	-15.36	-13.20			-34.33	-40.06	-29.11	-32.71	-36.66	-34.50	
7.7	-13.91	-18.79	-8.57	-11.47	-13.34	-14.47			-35.21	-40.09	-29.87	-32.77	-34.64	-35.77	
7.8	-14.71	-18.72	-9.40	-11.36	-11.78	-15.92			-36.01	-40.02	-30.70	-32.66	-33.08	-37.22	
7.9	-15.27	-18.62	-10.21	-11.10	-10.52	-17.48			-36.57	-39.92	-31.51	-32.40	-31.82	-38.78	
8.0	-15.43	-18.54	-10.88	-10.71	-9.51	-18.94			-36.73	-39.84	-32.18	-32.01	-30.81	-40.24	
8.1	-15.13	-18.50	-11.26	-10.25	-8.67	-19.89			-36.43	-39.80	-32.56	-31.55	-29.97	-41.19	
8.2	-14.48	-18.52	-11.27	-9.77	-7.99	-19.99			-35.78	-39.82	-32.57	-31.07	-29.29	-41.29	
8.3	-13.64	-18.59	-10.95	-9.30	-7.43	-19.37			-34.94	-39.89	-32.25	-30.60	-28.73	-40.67	
8.4	-12.78	-18.70	-10.45	-8.88	-7.00	-18.46			-34.08	-40.00	-31.75	-30.18	-28.30	-39.76	
8.5	-11.98	-18.85	-9.91	-8.53	-6.66	-17.59			-33.28	-40.15	-31.21	-29.83	-27.96	-38.89	
8.6	-11.28	-19.03	-9.41	-8.25	-6.43	-16.90			-32.58	-40.33	-30.71	-29.55	-27.73	-38.20	
8.7	-10.72	-19.24	-9.03	-8.07	-6.28	-16.42			-32.02	-40.54	-30.33	-29.37	-27.58	-37.72	
8.8	-10.30	-19.47	-8.79	-7.99	-6.22	-16.18			-31.60	-40.77	-30.09	-29.29	-27.52	-37.48	
8.9	-10.02	-19.75	-8.69	-8.01	-6.25	-16.15			-31.32	-41.05	-29.99	-29.31	-27.55	-37.45	
9.0	-9.89	-20.09	-8.75	-8.13	-6.36	-16.34			-31.19	-41.39	-30.05	-29.43	-27.66	-37.64	
9.1	-9.89	-20.50	-8.96	-8.37	-6.54	-16.74			-31.19	-41.80	-30.26	-29.67	-27.84	-38.04	
9.2	-10.05	-21.02	-9.33	-8.71	-6.80	-17.35			-31.35	-42.32	-30.63	-30.01	-28.10	-38.65	
9.3	-10.36	-21.68	-9.86	-9.16	-7.12	-18.16			-31.66	-42.98	-31.16	-30.46	-28.42	-39.46	
9.4	-10.82	-22.52	-10.55	-9.71	-7.49	-19.18			-32.12	-43.82	-31.85	-31.01	-28.79	-40.48	
9.5	-11.45	-23.58	-11.40	-10.37	-7.90	-20.37			-32.75	-44.88	-32.70	-31.67	-29.20	-41.67	
9.6	-12.26	-24.91	-12.41	-11.11	-8.33	-21.69			-33.56	-46.21	-33.71	-32.41	-29.63	-42.99	
9.7	-13.27	-26.56	-13.60	-11.92	-8.75	-22.98			-34.57	-47.86	-34.90	-33.22	-30.05	-44.28	
9.8	-14.51	-28.51	-14.95	-12.75	-9.12	-24.00			-35.81	-49.81	-36.25	-34.05	-30.42	-45.30	
9.9	-15.99	-30.40	-16.44	-13.53	-9.41	-24.49			-37.29	-51.70	-37.74	-34.83	-30.71	-45.79	
10.0	-17.72	-31.10	-18.06	-14.18	-9.59	-24.37			-39.02	-52.40	-39.36	-35.48	-30.89	-45.67	

Table 6 - Pattern Data (Elevation | Cross-Polarized | Fine)

Table 6 El Crs Fine	Antenna Gain (dBi)								EIRP (dBW/4kHz)					
									Max RF Power Density: -21.3dbW/4kHz					
	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(2)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)
-10.0	-28.12	-12.64	-18.44	-26.20	-11.90	-21.48			-49.42	-33.94	-39.74	-47.50	-33.20	-42.78
-9.9	-25.10	-12.39	-17.80	-25.30	-11.28	-19.15			-46.40	-33.69	-39.10	-46.60	-32.58	-40.45
-9.8	-22.37	-12.24	-17.08	-24.39	-10.68	-17.42			-43.67	-33.54	-38.38	-45.69	-31.98	-38.72
-9.7	-20.25	-12.20	-16.41	-23.49	-10.14	-16.12			-41.55	-33.50	-37.71	-44.79	-31.44	-37.42
-9.6	-18.64	-12.26	-15.84	-22.62	-9.68	-15.16			-39.94	-33.56	-37.14	-43.92	-30.98	-36.46
-9.5	-17.42	-12.45	-15.42	-21.80	-9.32	-14.51			-38.72	-33.75	-36.72	-43.10	-30.62	-35.81
-9.4	-16.54	-12.75	-15.17	-21.02	-9.08	-14.13			-37.84	-34.05	-36.47	-42.32	-30.38	-35.43
-9.3	-15.93	-13.17	-15.14	-20.28	-8.97	-14.02			-37.23	-34.47	-36.44	-41.58	-30.27	-35.32
-9.2	-15.58	-13.72	-15.35	-19.59	-8.98	-14.18			-36.88	-35.02	-36.65	-40.89	-30.28	-35.48
-9.1	-15.47	-14.41	-15.85	-18.94	-9.14	-14.66			-36.77	-35.71	-37.15	-40.24	-30.44	-35.96
-9.0	-15.60	-15.22	-16.69	-18.34	-9.46	-15.49			-36.90	-36.52	-37.99	-39.64	-30.76	-36.79
-8.9	-15.96	-16.17	-18.01	-17.76	-9.93	-16.80			-37.26	-37.47	-39.31	-39.06	-31.23	-38.10
-8.8	-16.57	-17.26	-20.04	-17.23	-10.60	-18.80			-37.87	-38.56	-41.34	-38.53	-31.90	-40.10
-8.7	-17.43	-18.49	-23.31	-16.72	-11.48	-21.94			-38.73	-39.79	-44.61	-38.02	-32.78	-43.24
-8.6	-18.54	-19.86	-29.33	-16.25	-12.61	-27.46			-39.84	-41.16	-50.63	-37.55	-33.91	-48.76
-8.5	-19.81	-21.39	-32.93	-15.81	-14.06	-31.63			-41.11	-42.69	-54.23	-37.11	-35.36	-52.93
-8.4	-20.99	-23.11	-24.28	-15.39	-15.93	-23.80			-42.29	-44.41	-45.58	-36.69	-37.23	-45.10
-8.3	-21.57	-25.10	-19.32	-15.00	-18.42	-18.85			-42.87	-46.40	-40.62	-36.30	-39.72	-40.15
-8.2	-21.10	-27.52	-16.04	-14.63	-21.94	-15.58			-42.40	-48.82	-37.34	-35.93	-43.24	-36.88
-8.1	-19.84	-30.79	-13.61	-14.28	-27.69	-13.19			-41.14	-52.09	-34.91	-35.58	-48.99	-34.49
-8.0	-18.34	-36.14	-11.71	-13.95	-37.16	-11.35			-39.64	-57.44	-33.01	-35.25	-58.46	-32.65
-7.9	-16.94	-48.98	-10.19	-13.64	-28.37	-9.89			-38.24	-70.28	-31.49	-34.94	-49.67	-31.19
-7.8	-15.76	-37.13	-8.95	-13.35	-23.09	-8.72			-37.06	-58.43	-30.25	-34.65	-44.39	-30.02
-7.7	-14.81	-30.68	-7.95	-13.06	-20.05	-7.78			-36.11	-51.98	-29.25	-34.36	-41.35	-29.08
-7.6	-14.08	-26.89	-7.13	-12.79	-18.02	-7.03			-35.38	-48.19	-28.43	-34.09	-39.32	-28.33
-7.5	-13.55	-24.23	-6.47	-12.53	-16.55	-6.46			-34.85	-45.53	-27.77	-33.83	-37.85	-27.76
-7.4	-13.21	-22.24	-5.97	-12.28	-15.42	-6.03			-34.51	-43.54	-27.27	-33.58	-36.72	-27.33
-7.3	-13.04	-20.71	-5.60	-12.04	-14.49	-5.74			-34.34	-42.01	-26.90	-33.34	-35.79	-27.04
-7.2	-13.01	-19.56	-5.36	-11.79	-13.66	-5.58			-34.31	-40.86	-26.66	-33.09	-34.96	-26.88
-7.1	-13.12	-18.73	-5.24	-11.54	-12.87	-5.53			-34.42	-40.03	-26.54	-32.84	-34.17	-26.83
-7.0	-13.34	-18.20	-5.23	-11.29	-12.08	-5.61	-2.13	-16.13	-34.64	-39.50	-26.53	-32.59	-33.38	-26.91
-6.9	-13.65	-17.95	-5.33	-11.04	-11.27	-5.79	-1.97	-15.97	-34.95	-39.25	-26.63	-32.34	-32.57	-27.09
-6.8	-14.03	-17.98	-5.54	-10.78	-10.46	-6.07	-1.81	-15.81	-35.33	-39.28	-26.84	-32.08	-31.76	-27.37
-6.7	-14.46	-18.32	-5.84	-10.52	-9.67	-6.46	-1.65	-15.65	-35.76	-39.62	-27.14	-31.82	-30.97	-27.76
-6.6	-14.92	-18.98	-6.25	-10.26	-8.93	-6.95	-1.49	-15.49	-36.22	-40.28	-27.55	-31.56	-30.23	-28.25
-6.5	-15.41	-19.95	-6.75	-10.01	-8.26	-7.53	-1.32	-15.32	-36.71	-41.25	-28.05	-31.31	-29.56	-28.83
-6.4	-15.97	-21.08	-7.33	-9.77	-7.68	-8.20	-1.15	-15.15	-37.27	-42.38	-28.63	-31.07	-28.98	-29.50
-6.3	-16.64	-21.85	-7.99	-9.54	-7.20	-8.94	-0.98	-14.98	-37.94	-43.15	-29.29	-30.84	-28.50	-30.24
-6.2	-17.53	-21.37	-8.69	-9.32	-6.85	-9.74	-0.81	-14.81	-38.83	-42.67	-29.99	-30.62	-28.15	-31.04
-6.1	-18.80	-19.53	-9.43	-9.14	-6.64	-10.58	-0.63	-14.63	-40.10	-40.83	-30.73	-30.44	-27.94	-31.88
-6.0	-20.75	-17.21	-10.16	-8.97	-6.55	-11.43	-0.45	-14.45	-42.05	-38.51	-31.46	-30.27	-27.85	-32.73
-5.9	-24.05	-14.98	-10.86	-8.84	-6.61	-12.25	-0.27	-14.27	-45.35	-36.28	-32.16	-30.14	-27.91	-33.55
-5.8	-31.41	-13.01	-11.50	-8.74	-6.79	-13.00	-0.09	-14.09	-52.71	-34.31	-32.80	-30.04	-28.09	-34.30
-5.7	-35.79	-11.31	-12.04	-8.66	-7.07	-13.63	0.10	-13.90	-57.09	-32.61	-33.34	-29.96	-28.37	-34.93
-5.6	-23.50	-9.85	-12.49	-8.63	-7.41	-14.11	0.30	-13.70	-44.80	-31.15	-33.79	-29.93	-28.71	-35.41
-5.5	-18.08	-8.60	-12.85	-8.63	-7.69	-14.39	0.49	-13.51	-39.38	-29.90	-34.15	-29.93	-28.99	-35.69
-5.4	-14.46	-7.51	-13.13	-8.68	-7.77	-14.44	0.69	-13.31	-35.76	-28.81	-34.43	-29.98	-29.07	-35.74
-5.3	-11.71	-6.57	-13.33	-8.77	-7.49	-14.26	0.89	-13.11	-33.01	-27.87	-34.63	-30.07	-28.79	-35.56
-5.2	-9.50	-5.77	-13.46	-8.94	-6.80	-13.86	1.10	-12.90	-30.80	-27.07	-34.76	-30.24	-28.10	-35.16
-5.1	-7.67	-5.07	-13.48	-9.18	-5.79	-13.26	1.31	-12.69	-28.97	-26.37	-34.78	-30.48	-27.09	-34.56
-5.0	-6.12	-4.48	-13.35	-9.53	-4.60	-12.53	1.53	-12.47	-27.42	-25.78	-34.65	-30.83	-25.90	-33.83
-4.9	-4.82	-3.98	-13.07	-10.03	-3.39	-11.70	1.75	-12.25	-26.12	-25.28	-34.37	-31.33	-24.69	-33.00

Table 6 EI Crs Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(2)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	
-4.8	-3.70	-3.56	-12.63	-10.70	-2.25	-10.86	1.97	-12.03	-25.00	-24.86	-33.93	-32.00	-23.55	-32.16	
-4.7	-2.77	-3.21	-12.07	-11.62	-1.21	-10.03	2.20	-11.80	-24.07	-24.51	-33.37	-32.92	-22.51	-31.33	
-4.6	-1.98	-2.94	-11.46	-12.87	-0.30	-9.25	2.43	-11.57	-23.28	-24.24	-32.76	-34.17	-21.60	-30.55	
-4.5	-1.33	-2.73	-10.84	-14.55	0.47	-8.54	2.67	-11.33	-22.63	-24.03	-32.14	-35.85	-20.83	-29.84	
-4.4	-0.81	-2.60	-10.27	-16.66	1.10	-7.93	2.91	-11.09	-22.11	-23.90	-31.57	-37.96	-20.20	-29.23	
-4.3	-0.41	-2.54	-9.79	-18.46	1.60	-7.42	3.16	-10.84	-21.71	-23.84	-31.09	-39.76	-19.70	-28.72	
-4.2	-0.13	-2.56	-9.41	-17.69	1.96	-7.02	3.42	-10.58	-21.43	-23.86	-30.71	-38.99	-19.34	-28.32	
-4.1	0.06	-2.67	-9.15	-14.64	2.18	-6.73	3.68	-10.32	-21.24	-23.97	-30.45	-35.94	-19.12	-28.03	
-4.0	0.16	-2.88	-8.99	-11.49	2.26	-6.56	3.95	-10.05	-21.14	-24.18	-30.29	-32.79	-19.04	-27.86	
-3.9	0.18	-3.20	-8.92	-8.82	2.19	-6.50	4.22	-9.78	-21.12	-24.50	-30.22	-30.12	-19.11	-27.80	
-3.8	0.15	-3.66	-8.85	-6.59	1.99	-6.55	4.51	-9.49	-21.15	-24.96	-30.15	-27.89	-19.31	-27.85	
-3.7	0.09	-4.30	-8.71	-4.72	1.62	-6.70	4.79	-9.21	-21.21	-25.60	-30.01	-26.02	-19.68	-28.00	
-3.6	0.05	-5.14	-8.35	-3.12	1.10	-6.94	5.09	-8.91	-21.25	-26.44	-29.65	-24.42	-20.20	-28.24	
-3.5	0.06	-6.25	-7.68	-1.76	0.42	-7.25	5.40	-8.60	-21.24	-27.55	-28.98	-23.06	-20.88	-28.55	
-3.4	0.17	-7.74	-6.68	-0.60	-0.41	-7.57	5.71	-8.29	-21.13	-29.04	-27.98	-21.90	-21.71	-28.87	
-3.3	0.42	-9.76	-5.43	0.39	-1.37	-7.85	6.04	-7.96	-20.88	-31.06	-26.73	-20.91	-22.67	-29.15	
-3.2	0.81	-12.56	-4.07	1.23	-2.34	-8.02	6.37	-7.63	-20.49	-33.86	-25.37	-20.07	-23.64	-29.32	
-3.1	1.34	-16.18	-2.68	1.92	-3.14	-7.99	6.72	-7.28	-19.96	-37.48	-23.98	-19.38	-24.44	-29.29	
-3.0	1.95	-17.48	-1.35	2.48	-3.50	-7.74		-6.93	-19.35	-38.78	-22.65	-18.82	-24.80	-29.04	
-2.9	2.62	-13.73	-0.11	2.91	-3.23	-7.28		-6.56	-18.68	-35.03	-21.41	-18.39	-24.53	-28.58	
-2.8	3.29	-9.92	1.03	3.21	-2.44	-6.66		-6.18	-18.01	-31.22	-20.27	-18.09	-23.74	-27.96	
-2.7	3.94	-7.01	2.05	3.39	-1.40	-5.94		-5.78	-17.36	-28.31	-19.25	-17.91	-22.70	-27.24	
-2.6	4.55	-4.76	2.97	3.44	-0.34	-5.19		-5.37	-16.75	-26.06	-18.33	-17.86	-21.64	-26.49	
-2.5	5.09	-2.96	3.77	3.38	0.61	-4.42		-4.95	-16.21	-24.26	-17.53	-17.92	-20.69	-25.72	
-2.4	5.57	-1.50	4.47	3.21	1.42	-3.66		-4.51	-15.73	-22.80	-16.83	-18.09	-19.88	-24.96	
-2.3	5.97	-0.29	5.07	2.94	2.06	-2.89		-4.04	-15.33	-21.59	-16.23	-18.36	-19.24	-24.19	
-2.2	6.30	0.72	5.57	2.62	2.54	-2.10		-3.56	-15.00	-20.58	-15.73	-18.68	-18.76	-23.40	
-2.1	6.55	1.55	5.97	2.30	2.87	-1.28		-3.06	-14.75	-19.75	-15.33	-19.00	-18.43	-22.58	
-2.0	6.72	2.23	6.28	2.08	3.06	-0.40		-2.53	-14.58	-19.07	-15.02	-19.22	-18.24	-21.70	
-1.9	6.81	2.78	6.50	2.10	3.15	0.53		-1.97	-14.49	-18.52	-14.80	-19.20	-18.15	-20.77	
-1.8	6.83	3.21	6.63	2.44	3.16	1.51		-1.38	-14.47	-18.09	-14.67	-18.86	-18.14	-19.79	
-1.7	6.78	3.53	6.67	3.13	3.14	2.53		-0.76	-14.52	-17.77	-14.63	-18.17	-18.16	-18.77	
-1.6	6.65	3.75	6.62	4.09	3.15	3.55		-0.10	-14.65	-17.55	-14.68	-17.21	-18.15	-17.75	
-1.5	6.46	3.87	6.48	5.20	3.28	4.57		0.60	-14.84	-17.43	-14.82	-16.10	-18.02	-16.73	
-1.4	6.20	3.90	6.25	6.34	3.57	5.56			-15.10	-17.40	-15.05	-14.96	-17.73	-15.74	
-1.3	5.88	3.84	5.93	7.44	4.07	6.50			-15.42	-17.46	-15.37	-13.86	-17.23	-14.80	
-1.2	5.51	3.70	5.52	8.48	4.74	7.40			-15.79	-17.60	-15.78	-12.82	-16.56	-13.90	
-1.1	5.11	3.48	5.01	9.42	5.54	8.23			-16.19	-17.82	-16.29	-11.88	-15.76	-13.07	
-1.0	4.67	3.18	4.41	10.27	6.40	9.01			-16.63	-18.12	-16.89	-11.03	-14.90	-12.29	
-0.9	4.23	2.81	3.72	11.02	7.25	9.71			-17.07	-18.49	-17.58	-10.28	-14.05	-11.59	
-0.8	3.80	2.37	2.93	11.67	8.07	10.34			-17.50	-18.93	-18.37	-9.63	-13.23	-10.96	
-0.7	3.41	1.87	2.07	12.23	8.82	10.90			-17.89	-19.43	-19.23	-9.07	-12.48	-10.40	
-0.6	3.08	1.31	1.13	12.70	9.48	11.39			-18.22	-19.99	-20.17	-8.60	-11.82	-9.91	
-0.5	2.82	0.70	0.15	13.09	10.05	11.81			-18.48	-20.60	-21.15	-8.21	-11.25	-9.49	
-0.4	2.65	0.04	-0.82	13.39	10.52	12.16			-18.65	-21.26	-22.12	-7.91	-10.78	-9.14	
-0.3	2.57	-0.65	-1.74	13.61	10.90	12.43			-18.73	-21.95	-23.04	-7.69	-10.40	-8.87	
-0.2	2.58	-1.38	-2.53	13.75	11.18	12.64			-18.72	-22.68	-23.83	-7.55	-10.12	-8.66	
-0.1	2.66	-2.11	-3.11	13.81	11.36	12.77			-18.64	-23.41	-24.41	-7.49	-9.94	-8.53	
0.0	2.79	-2.87	-3.48	13.79	11.44	12.84			-18.51	-24.17	-24.78	-7.51	-9.86	-8.46	
0.1	2.97	-3.63	-3.65	13.69	11.42	12.83			-18.33	-24.93	-24.95	-7.61	-9.88	-8.47	
0.2	3.17	-4.40	-3.68	13.52	11.31	12.76			-18.13	-25.70	-24.98	-7.78	-9.99	-8.54	
0.3	3.39	-5.18	-3.66	13.27	11.10	12.61			-17.91	-26.48	-24.96	-8.03	-10.20	-8.69	
0.4	3.63	-5.96	-3.63	12.94	10.80	12.39			-17.67	-27.26	-24.93	-8.36	-10.50	-8.91	
0.5	3.88	-6.73	-3.63	12.52	10.40	12.10			-17.42	-28.03	-24.93	-8.78	-10.90	-9.20	

Table 6 EI Crs Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(2)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)
0.6	4.13	-7.45	-3.68	12.03	9.91	11.73			-17.17	-28.75	-24.98	-9.27	-11.39	-9.57	
0.7	4.38	-8.06	-3.77	11.45	9.34	11.29			-16.92	-29.36	-25.07	-9.85	-11.96	-10.01	
0.8	4.63	-8.44	-3.89	10.79	8.70	10.77			-16.67	-29.74	-25.19	-10.51	-12.60	-10.53	
0.9	4.87	-8.51	-4.01	10.05	8.02	10.18			-16.43	-29.81	-25.31	-11.25	-13.28	-11.12	
1.0	5.10	-8.23	-4.10	9.23	7.34	9.51			-16.20	-29.53	-25.40	-12.07	-13.96	-11.79	
1.1	5.30	-7.62	-4.11	8.34	6.70	8.77			-16.00	-28.92	-25.41	-12.96	-14.60	-12.53	
1.2	5.46	-6.81	-4.02	7.41	6.19	7.96			-15.84	-28.11	-25.32	-13.89	-15.11	-13.34	
1.3	5.58	-5.92	-3.82	6.46	5.85	7.09			-15.72	-27.22	-25.12	-14.84	-15.45	-14.21	
1.4	5.65	-5.01	-3.52	5.54	5.73	6.19			-15.65	-26.31	-24.82	-15.76	-15.57	-15.11	
1.5	5.67	-4.14	-3.14	4.72	5.81	5.26		0.60	-15.63	-25.44	-24.44	-16.58	-15.49	-16.04	
1.6	5.61	-3.34	-2.70	4.05	6.04	4.35		-0.10	-15.69	-24.64	-24.00	-17.25	-15.26	-16.95	
1.7	5.47	-2.62	-2.25	3.60	6.34	3.51		-0.76	-15.83	-23.92	-23.55	-17.70	-14.96	-17.79	
1.8	5.24	-1.97	-1.80	3.35	6.65	2.76		-1.38	-16.06	-23.27	-23.10	-17.95	-14.65	-18.54	
1.9	4.91	-1.39	-1.36	3.26	6.92	2.16		-1.97	-16.39	-22.69	-22.66	-18.04	-14.38	-19.14	
2.0	4.47	-0.89	-0.96	3.27	7.13	1.71		-2.53	-16.83	-22.19	-22.26	-18.03	-14.17	-19.59	
2.1	3.89	-0.44	-0.59	3.30	7.24	1.39		-3.06	-17.41	-21.74	-21.89	-18.00	-14.06	-19.91	
2.2	3.15	-0.04	-0.26	3.30	7.26	1.16		-3.56	-18.15	-21.34	-21.56	-18.00	-14.04	-20.14	
2.3	2.22	0.32	0.05	3.22	7.17	0.97		-4.04	-19.08	-20.98	-21.25	-18.08	-14.13	-20.33	
2.4	1.06	0.63	0.33	3.05	6.96	0.78		-4.51	-20.24	-20.67	-20.97	-18.25	-14.34	-20.52	
2.5	-0.41	0.92	0.60	2.75	6.64	0.53		-4.95	-21.71	-20.38	-20.70	-18.55	-14.66	-20.77	
2.6	-2.31	1.18	0.85	2.31	6.19	0.21		-5.37	-23.61	-20.12	-20.45	-18.99	-15.11	-21.09	
2.7	-4.86	1.41	1.09	1.71	5.62	-0.21		-5.78	-26.16	-19.89	-20.21	-19.59	-15.68	-21.51	
2.8	-8.52	1.61	1.31	0.93	4.91	-0.75		-6.18	-29.82	-19.69	-19.99	-20.37	-16.39	-22.05	
2.9	-14.10	1.80	1.53	-0.04	4.08	-1.41		-6.56	-35.40	-19.50	-19.77	-21.34	-17.22	-22.71	
3.0	-16.03	1.95	1.74	-1.24	3.13	-2.20		-6.93	-37.33	-19.35	-19.56	-22.54	-18.17	-23.50	
3.1	-10.14	2.08	1.93	-2.71	2.09	-3.12	6.72	-7.28	-31.44	-19.22	-19.37	-24.01	-19.21	-24.42	
3.2	-6.07	2.17	2.10	-4.48	1.02	-4.15	6.37	-7.63	-27.37	-19.13	-19.20	-25.78	-20.28	-25.45	
3.3	-3.34	2.22	2.24	-6.53	0.04	-5.25	6.04	-7.96	-24.64	-19.08	-19.06	-27.83	-21.26	-26.55	
3.4	-1.37	2.24	2.36	-8.66	-0.68	-6.32	5.71	-8.29	-22.67	-19.06	-18.94	-29.96	-21.98	-27.62	
3.5	0.11	2.21	2.44	-10.08	-0.97	-7.21	5.40	-8.60	-21.19	-19.09	-18.86	-31.38	-22.27	-28.51	
3.6	1.24	2.14	2.47	-9.87	-0.81	-7.73	5.09	-8.91	-20.06	-19.16	-18.83	-31.17	-22.11	-29.03	
3.7	2.11	2.02	2.46	-8.43	-0.32	-7.80	4.79	-9.21	-19.19	-19.28	-18.84	-29.73	-21.62	-29.10	
3.8	2.77	1.84	2.40	-6.80	0.32	-7.48	4.51	-9.49	-18.53	-19.46	-18.90	-28.10	-20.98	-28.78	
3.9	3.24	1.62	2.28	-5.40	0.98	-6.96	4.22	-9.78	-18.06	-19.68	-19.02	-26.70	-20.32	-28.26	
4.0	3.56	1.34	2.10	-4.31	1.58	-6.39	3.95	-10.05	-17.74	-19.96	-19.20	-25.61	-19.72	-27.69	
4.1	3.73	1.01	1.86	-3.50	2.06	-5.89	3.68	-10.32	-17.57	-20.29	-19.44	-24.80	-19.24	-27.19	
4.2	3.77	0.63	1.56	-2.95	2.42	-5.50	3.42	-10.58	-17.53	-20.67	-19.74	-24.25	-18.88	-26.80	
4.3	3.69	0.21	1.19	-2.62	2.66	-5.25	3.16	-10.84	-17.61	-21.09	-20.11	-23.92	-18.64	-26.55	
4.4	3.48	-0.24	0.76	-2.50	2.77	-5.14	2.91	-11.09	-17.82	-21.54	-20.54	-23.80	-18.53	-26.44	
4.5	3.15	-0.73	0.25	-2.56	2.76	-5.19	2.67	-11.33	-18.15	-22.03	-21.05	-23.86	-18.54	-26.49	
4.6	2.69	-1.23	-0.33	-2.80	2.63	-5.38	2.43	-11.57	-18.61	-22.53	-21.63	-24.10	-18.67	-26.68	
4.7	2.11	-1.74	-0.97	-3.22	2.39	-5.71	2.20	-11.80	-19.19	-23.04	-22.27	-24.52	-18.91	-27.01	
4.8	1.39	-2.25	-1.68	-3.82	2.04	-6.19	1.97	-12.03	-19.91	-23.55	-22.98	-25.12	-19.26	-27.49	
4.9	0.53	-2.72	-2.44	-4.61	1.57	-6.81	1.75	-12.25	-20.77	-24.02	-23.74	-25.91	-19.73	-28.11	
5.0	-0.50	-3.17	-3.24	-5.59	0.99	-7.57	1.53	-12.47	-21.80	-24.47	-24.54	-26.89	-20.31	-28.87	
5.1	-1.72	-3.58	-4.06	-6.80	0.30	-8.44	1.31	-12.69	-23.02	-24.88	-25.36	-28.10	-21.00	-29.74	
5.2	-3.17	-3.94	-4.86	-8.25	-0.50	-9.40	1.10	-12.90	-24.47	-25.24	-26.16	-29.55	-21.80	-30.70	
5.3	-4.89	-4.27	-5.60	-9.98	-1.42	-10.42	0.89	-13.11	-26.19	-25.57	-26.90	-31.28	-22.72	-31.72	
5.4	-6.98	-4.58	-6.23	-12.01	-2.46	-11.39	0.69	-13.31	-28.28	-25.88	-27.53	-33.31	-23.76	-32.69	
5.5	-9.60	-4.86	-6.70	-14.31	-3.62	-12.20	0.49	-13.51	-30.90	-26.16	-28.00	-35.61	-24.92	-33.50	
5.6	-13.05	-5.15	-6.99	-16.60	-4.90	-12.72	0.30	-13.70	-34.35	-26.45	-28.29	-37.90	-26.20	-34.02	
5.7	-17.95	-5.45	-7.08	-18.08	-6.30	-12.87	0.10	-13.90	-39.25	-26.75	-28.38	-39.38	-27.60	-34.17	
5.8	-24.04	-5.77	-7.01	-18.03	-7.81	-12.68	-0.09	-14.09	-45.34	-27.07	-28.31	-39.33	-29.11	-33.98	
5.9	-21.04	-6.12	-6.83	-16.97	-9.41	-12.26	-0.27	-14.27	-42.34	-27.42	-28.13	-38.27	-30.71	-33.56	

Table 6 EI Crs Fine	Antenna Gain (dBi)						EIRP (dBW/4kHz)								
							Max RF Power Density: -21.3dbW/4kHz								
	Off-Axis Angle	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)	FCC §25.209 (b)(2)	FCC §25.218 (f)(3)	14.00 GHz (HV)	14.25 GHz (HV)	14.50 GHz (HV)	14.00 GHz (VH)	14.25 GHz (VH)	14.50 GHz (VH)
6.0	-16.48	-6.50	-6.57	-15.82	-11.08	-11.72	-0.45	-14.45	-37.78	-27.80	-27.87	-37.12	-32.38	-33.02	
6.1	-13.67	-6.91	-6.28	-14.92	-12.77	-11.15	-0.63	-14.63	-34.97	-28.21	-27.58	-36.22	-34.07	-32.45	
6.2	-11.84	-7.35	-5.99	-14.36	-14.40	-10.59	-0.81	-14.81	-33.14	-28.65	-27.29	-35.66	-35.70	-31.89	
6.3	-10.63	-7.82	-5.71	-14.11	-15.90	-10.06	-0.98	-14.98	-31.93	-29.12	-27.01	-35.41	-37.20	-31.36	
6.4	-9.81	-8.30	-5.46	-14.16	-17.19	-9.56	-1.15	-15.15	-31.11	-29.60	-26.76	-35.46	-38.49	-30.86	
6.5	-9.29	-8.79	-5.24	-14.51	-18.19	-9.10	-1.32	-15.32	-30.59	-30.09	-26.54	-35.81	-39.49	-30.40	
6.6	-8.99	-9.30	-5.07	-15.14	-18.87	-8.67	-1.49	-15.49	-30.29	-30.60	-26.37	-36.44	-40.17	-29.97	
6.7	-8.87	-9.80	-4.95	-16.07	-19.12	-8.27	-1.65	-15.65	-30.17	-31.10	-26.25	-37.37	-40.42	-29.57	
6.8	-8.90	-10.32	-4.88	-17.33	-18.93	-7.90	-1.81	-15.81	-30.20	-31.62	-26.18	-38.63	-40.23	-29.20	
6.9	-9.04	-10.86	-4.88	-19.00	-18.31	-7.57	-1.97	-15.97	-30.34	-32.16	-26.18	-40.30	-39.61	-28.87	
7.0	-9.28	-11.42	-4.94	-21.20	-17.42	-7.29	-2.13	-16.13	-30.58	-32.72	-26.24	-42.50	-38.72	-28.59	
7.1	-9.61	-12.04	-5.07	-24.19	-16.41	-7.06			-30.91	-33.34	-26.37	-45.49	-37.71	-28.36	
7.2	-9.99	-12.74	-5.27	-28.61	-15.40	-6.88			-31.29	-34.04	-26.57	-49.91	-36.70	-28.18	
7.3	-10.42	-13.55	-5.55	-37.13	-14.49	-6.76			-31.72	-34.85	-26.85	-58.43	-35.79	-28.06	
7.4	-10.88	-14.49	-5.90	-42.94	-13.71	-6.71			-32.18	-35.79	-27.20	-64.24	-35.01	-28.01	
7.5	-11.33	-15.62	-6.33	-31.81	-13.09	-6.72			-32.63	-36.92	-27.63	-53.11	-34.39	-28.02	
7.6	-11.75	-16.97	-6.83	-27.63	-12.62	-6.79			-33.05	-38.27	-28.13	-48.93	-33.92	-28.09	
7.7	-12.10	-18.61	-7.37	-25.23	-12.32	-6.92			-33.40	-39.91	-28.67	-46.53	-33.62	-28.22	
7.8	-12.32	-20.61	-7.93	-23.64	-12.19	-7.10			-33.62	-41.91	-29.23	-44.94	-33.49	-28.40	
7.9	-12.38	-23.00	-8.47	-22.51	-12.22	-7.32			-33.68	-44.30	-29.77	-43.81	-33.52	-28.62	
8.0	-12.27	-25.52	-8.93	-21.62	-12.43	-7.56			-33.57	-46.82	-30.23	-42.92	-33.73	-28.86	
8.1	-11.99	-26.95	-9.25	-20.86	-12.83	-7.81			-33.29	-48.25	-30.55	-42.16	-34.13	-29.11	
8.2	-11.57	-26.06	-9.40	-20.14	-13.43	-8.04			-32.87	-47.36	-30.70	-41.44	-34.73	-29.34	
8.3	-11.08	-24.06	-9.36	-19.44	-14.25	-8.24			-32.38	-45.36	-30.66	-40.74	-35.55	-29.54	
8.4	-10.55	-22.19	-9.17	-18.75	-15.33	-8.38			-31.85	-43.49	-30.47	-40.05	-36.63	-29.68	
8.5	-10.04	-20.73	-8.89	-18.09	-16.73	-8.47			-31.34	-42.03	-30.19	-39.39	-38.03	-29.77	
8.6	-9.57	-19.65	-8.58	-17.49	-18.54	-8.50			-30.87	-40.95	-29.88	-38.79	-39.84	-29.80	
8.7	-9.16	-18.87	-8.29	-16.97	-20.88	-8.50			-30.46	-40.17	-29.59	-38.27	-42.18	-29.80	
8.8	-8.84	-18.35	-8.05	-16.57	-23.92	-8.47			-30.14	-39.65	-29.35	-37.87	-45.22	-29.77	
8.9	-8.60	-18.03	-7.90	-16.30	-27.31	-8.45			-29.90	-39.33	-29.20	-37.60	-48.61	-29.75	
9.0	-8.47	-17.85	-7.86	-16.18	-28.06	-8.45			-29.77	-39.15	-29.16	-37.48	-49.36	-29.75	
9.1	-8.45	-17.77	-7.92	-16.21	-25.21	-8.49			-29.75	-39.07	-29.22	-37.51	-46.51	-29.79	
9.2	-8.53	-17.71	-8.10	-16.43	-22.28	-8.60			-29.83	-39.01	-29.40	-37.73	-43.58	-29.90	
9.3	-8.73	-17.61	-8.40	-16.83	-20.06	-8.78			-30.03	-38.91	-29.70	-38.13	-41.36	-30.08	
9.4	-9.05	-17.41	-8.82	-17.45	-18.39	-9.04			-30.35	-38.71	-30.12	-38.75	-39.69	-30.34	
9.5	-9.50	-17.08	-9.36	-18.32	-17.14	-9.39			-30.80	-38.38	-30.66	-39.62	-38.44	-30.69	
9.6	-10.09	-16.63	-10.01	-19.48	-16.20	-9.83			-31.39	-37.93	-31.31	-40.78	-37.50	-31.13	
9.7	-10.83	-16.08	-10.75	-20.97	-15.49	-10.36			-32.13	-37.38	-32.05	-42.27	-36.79	-31.66	
9.8	-11.73	-15.48	-11.53	-22.83	-14.98	-10.99			-33.03	-36.78	-32.83	-44.13	-36.28	-32.29	
9.9	-12.80	-14.88	-12.29	-24.97	-14.62	-11.69			-34.10	-36.18	-33.59	-46.27	-35.92	-32.99	
10.0	-14.04	-14.32	-12.92	-26.72	-14.40	-12.44			-35.34	-35.62	-34.22	-48.02	-35.70	-33.74	