

XY Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LHCP (Max.)	RHCP (Max.)	Total (Min.)	Horizontal (Min.)	Vertical (Min.)	LHCP (Min.)	RHCP (Min.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LHCP (Avg.)	RHCP (Avg.)
2400 MHz	-8.23	-8.90	-8.81	-9.59	-9.49	-17.75	-50.87	-25.52	-35.57	-19.82	-11.04	-16.10	-15.51	-16.05	-14.06
2410 MHz	-8.33	-8.92	-9.31	-9.65	-9.73	-17.88	-52.20	-25.95	-37.63	-20.02	-11.31	-16.25	-16.00	-16.28	-14.45
2420 MHz	-8.38	-8.96	-9.59	-9.59	-10.05	-17.73	-51.64	-26.28	-44.56	-20.01	-11.42	-16.29	-16.15	-16.40	-14.78
2430 MHz	-8.82	-9.36	-9.91	-10.00	-10.65	-17.62	-57.24	-26.08	-45.84	-19.82	-11.73	-16.81	-16.36	-16.66	-15.28
2440 MHz	-9.34	-9.96	-9.93	-10.51	-11.16	-17.46	-47.10	-25.81	-60.29	-20.37	-11.97	-17.23	-16.41	-16.73	-15.64
2450 MHz	-9.09	-10.12	-9.53	-10.55	-11.29	-16.94	-49.00	-24.94	-45.78	-20.83	-11.78	-17.29	-15.98	-16.40	-15.49
2460 MHz	-9.43	-10.71	-9.82	-10.94	-11.81	-17.15	-43.67	-24.54	-47.14	-21.91	-12.13	-17.86	-16.18	-16.71	-15.74
2470 MHz	-9.03	-10.80	-9.36	-10.75	-11.39	-16.47	-46.35	-24.50	-46.95	-21.55	-11.75	-17.61	-15.74	-16.39	-15.24
2480 MHz	-8.56	-10.43	-8.86	-10.52	-10.82	-16.05	-50.51	-25.01	-38.46	-21.27	-11.32	-17.27	-15.38	-15.95	-14.72

XZ Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LHCP (Max.)	RHCP (Max.)	Total (Min.)	Horizontal (Min.)	Vertical (Min.)	LHCP (Min.)	RHCP (Min.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LHCP (Avg.)	RHCP (Avg.)
2400 MHz	-2.21	-3.30	-7.97	-3.73	-7.39	-22.71	-23.64	-42.71	-29.01	-26.92	-9.50	-10.35	-19.20	-13.91	-12.50
2410 MHz	-2.38	-3.53	-8.27	-3.88	-7.49	-23.24	-23.72	-41.98	-29.09	-27.92	-9.71	-10.53	-19.52	-14.00	-12.76
2420 MHz	-2.47	-3.68	-8.35	-3.94	-7.59	-23.29	-23.91	-41.95	-29.15	-28.75	-9.80	-10.59	-19.83	-14.00	-12.90
2430 MHz	-2.76	-4.01	-8.60	-4.20	-7.93	-23.58	-24.33	-42.66	-29.48	-29.87	-10.14	-10.92	-20.26	-14.27	-13.28
2440 MHz	-3.01	-4.31	-8.75	-4.38	-8.20	-24.13	-24.58	-42.80	-29.82	-30.82	-10.47	-11.24	-20.53	-14.62	-13.62
2450 MHz	-2.88	-4.22	-8.51	-4.19	-8.15	-24.15	-24.69	-42.77	-29.98	-31.28	-10.39	-11.18	-20.38	-14.56	-13.54
2460 MHz	-3.52	-4.94	-8.86	-4.74	-8.80	-25.04	-25.58	-42.44	-31.38	-31.68	-10.90	-11.68	-20.81	-15.04	-14.04
2470 MHz	-3.42	-4.92	-8.54	-4.55	-8.62	-24.67	-25.17	-41.98	-31.03	-31.10	-10.71	-11.48	-20.73	-14.85	-13.83
2480 MHz	-3.31	-4.93	-8.14	-4.37	-8.26	-24.17	-24.56	-42.70	-30.56	-30.02	-10.39	-11.16	-20.39	-14.49	-13.53

YZ Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LHCP (Max.)	RHCP (Max.)	Total (Min.)	Horizontal (Min.)	Vertical (Min.)	LHCP (Min.)	RHCP (Min.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LHCP (Avg.)	RHCP (Avg.)
2400 MHz	-2.26	-8.15	-3.46	-3.66	-7.48	-36.48	-42.17	-39.00	-40.84	-44.37	-11.98	-20.04	-13.57	-14.49	-17.36
2410 MHz	-2.43	-8.26	-3.67	-3.85	-7.81	-37.71	-44.84	-40.14	-43.73	-44.11	-12.26	-20.42	-13.88	-14.78	-17.55
2420 MHz	-2.52	-8.30	-3.79	-3.94	-7.97	-42.37	-52.19	-45.68	-46.98	-50.27	-12.48	-20.81	-14.15	-14.98	-17.73
2430 MHz	-2.79	-8.55	-4.08	-4.19	-8.33	-50.10	-58.04	-46.82	-53.91	-52.44	-12.85	-21.43	-14.57	-15.28	-18.17
2440 MHz	-3.02	-8.73	-4.34	-4.38	-8.71	-43.65	-46.66	-57.73	-68.60	-51.79	-13.01	-21.50	-14.77	-15.48	-18.41
2450 MHz	-2.88	-8.54	-4.23	-4.19	-8.71	-38.33	-45.91	-43.45	-47.20	-49.70	-12.85	-21.38	-14.61	-15.32	-18.26
2460 MHz	-3.53	-9.00	-4.94	-4.78	-9.51	-36.72	-41.52	-38.75	-52.03	-41.34	-13.29	-21.66	-15.05	-15.81	-18.63
2470 MHz	-3.44	-8.64	-4.92	-4.64	-9.33	-36.91	-39.79	-40.31	-49.74	-44.40	-12.97	-21.31	-14.73	-15.53	-18.26
2480 MHz	-3.27	-8.28	-4.78	-4.48	-8.75	-37.58	-38.91	-44.64	-50.77	-45.81	-12.60	-21.13	-14.36	-15.13	-17.88

3D Total

Frequency (MHz)	Total Peak Gain (dBi)	Horizontal Peak Gain (dBi)	Vertical Peak Gain (dBi)	LHCP Peak Gain (dBiC)	RHCP Peak Gain (dBiC)	Total Directivity (dBi)	Horizontal Directivity (dBi)	Vertical Directivity (dBi)	LHCP Directivity (dBiC)	RHCP Directivity (dBiC)	Total Avg. Gain (dBi)	Horizontal Avg. Gain (dBi)	Vertical Avg. Gain (dBi)	LHCP Avg. Gain (dBi)	RHCP Avg. Gain (dBi)	Total Efficiency (%)	Horizontal Efficiency (%)	Vertical Efficiency (%)	LHCP Efficiency (%)	RHCP Efficiency (%)	Upper HEM (dB)	Lower HEM (dB)	Peak Gain @Theta (deg)	Peak Gain @Phi (deg)
2400	-2.14	-2.42	-2.38	-3.57	-7.06	7.15	9.45	10.41	7.89	6.29	-9.29	-11.87	-12.79	-11.46	-13.35	11.77	6.51	5.26	7.14	4.63	-10.89	-14.42	6.00	127.00
2410	-2.33	-2.60	-2.57	-3.78	-7.16	7.21	9.50	10.48	7.92	6.43	-9.54	-12.10	-13.05	-11.71	-13.60	11.12	6.16	4.96	6.75	4.37	-11.15	-14.62	5.00	129.00
2420	-2.45	-2.70	-2.69	-3.90	-7.22	7.21	9.51	10.50	7.93	6.51	-9.66	-12.21	-13.19	-11.82	-13.73	10.81	6.01	4.80	6.57	4.24	-11.29	-14.70	3.00	139.00
2430	-2.75	-2.99	-2.99	-4.18	-7.54	7.20	9.50	10.48	7.91	6.51	-9.95	-12.50	-13.47	-12.09	-14.05	10.12	5.63	4.49	6.18	3.94	-11.58	-14.98	2.00	143.00
2440	-3.01	-3.26	-3.26	-4.38	-7.81	7.16	9.48	10.41	7.93	6.46	-10.17	-12.74	-13.67	-12.31	-14.27	9.62	5.33	4.30	5.88	3.74	-11.80	-15.21	1.00	144.00
2450	-2.88	-3.15	-3.15	-4.18	-7.83	7.10	9.41	10.32	7.94	6.24	-9.98	-12.56	-13.47	-12.13	-14.07	10.05	5.54	4.50	6.13	3.92	-11.59	-15.06	1.00	106.00
2460	-3.52	-3.83	-3.83	-4.73	-8.50	6.84	9.12	10.02	7.77	5.96	-10.36	-12.95	-13.85	-12.50	-14.47	9.20	5.07	4.12	5.62	3.58	-11.97	-15.47	1.00	39.00
2470	-3.41	-3.76	-3.77	-4.55	-8.32	6.63	8.88	9.74	7.64	5.81	-10.04	-12.64	-13.51	-12.19	-14.13	9.91	5.45	4.45	6.04	3.86	-11.62	-15.20	2.00	35.00
2480	-3.25	-3.68	-3.58	-4.36	-7.95	6.40	8.56	9.54	7.42	5.81	-9.65	-12.24	-13.12	-11.78	-13.76	10.84	5.96	4.88	6.63	4.21	-11.22	-14.84	8.00	77.00