

XY Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LJCP (Max.)	RJCP (Max.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)	Total (Max.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)
790 MHz	-5.66	-8.11	-6.79	-10.07	-5.67	-16.09	-20.60	-28.50	-41.88	-20.36	8.53	-36.78	-10.53	-16.20	-10.18
840 MHz	-5.39	-7.58	-6.08	-10.51	-5.28	-16.47	-20.71	-28.28	-41.53	-21.09	8.43	-35.40	-10.08	-15.26	-10.02
890 MHz	-6.15	-6.80	-6.78	-10.14	-5.21	-16.31	-20.83	-29.84	-36.05	-20.49	8.43	-34.03	-10.78	-15.29	-10.04
940 MHz	-6.07	-6.77	-6.70	-10.41	-5.11	-16.47	-21.05	-29.45	-36.15	-20.15	8.35	-34.54	-10.85	-14.79	-9.99
990 MHz	-6.78	-6.69	-6.63	-10.77	-4.99	-16.08	-21.77	-29.01	-37.87	-19.49	8.13	-34.43	-10.78	-14.10	-9.89
1040 MHz	-6.38	-6.16	-6.08	-10.66	-4.86	-16.46	-21.96	-28.33	-37.14	-20.14	8.26	-34.52	-10.34	-13.83	-9.76
1090 MHz	-6.18	-6.09	-6.08	-10.96	-4.75	-15.56	-21.05	-27.94	-36.13	-19.33	7.99	-33.00	-10.04	-13.71	-9.78
1140 MHz	-3.90	-4.68	-5.78	-6.85	-4.48	-11.97	-17.19	-20.32	-35.76	-18.08	6.90	-33.08	-9.77	-13.13	-9.13
1190 MHz	-4.07	-4.70	-5.53	-6.52	-4.60	-11.01	-17.69	-19.03	-35.51	-17.29	6.73	-32.76	-9.72	-13.75	-9.10
1240 MHz	-4.26	-4.88	-5.53	-6.53	-4.88	-11.41	-17.14	-18.31	-36.22	-18.02	6.88	-32.53	-9.92	-13.57	-9.20
1290 MHz	-4.51	-5.21	-5.03	-6.48	-4.70	-11.71	-17.54	-19.71	-36.53	-18.83	6.81	-32.02	-10.84	-9.17	-9.17
1340 MHz	-4.69	-5.13	-4.98	-6.38	-4.90	-12.00	-17.87	-17.87	-37.06	-19.43	6.89	-32.13	-10.39	-11.00	-9.77

XY Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LJCP (Max.)	RJCP (Max.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)	Total (Max.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)
790 MHz	0.02	-0.26	-0.35	-0.83	-0.42	-15.96	-21.32	-31.10	-23.38	-9.61	-9.61	-9.91	-11.91	-7.94	
840 MHz	0.00	-4.11	-1.30	-0.88	-0.36	-17.82	-18.80	-26.33	-43.84	-17.41	-5.10	-9.41	-7.88	-12.11	-7.82
890 MHz	-0.12	-4.15	-1.28	-1.10	-0.24	-18.07	-20.78	-21.61	-32.73	-22.33	-5.13	-9.26	-7.98	-12.11	-7.80
940 MHz	-0.17	-4.35	-1.43	-1.29	-0.28	-18.78	-21.88	-22.66	-34.68	-23.68	-5.38	-9.31	-8.09	-12.08	-7.82
990 MHz	-0.15	-4.54	-1.41	-1.37	-0.26	-18.60	-22.37	-23.04	-36.43	-23.32	-5.09	-9.27	-8.05	-12.00	-7.75
1040 MHz	0.09	-4.31	-1.31	-1.36	-0.09	-17.71	-21.38	-24.00	-38.73	-24.12	-4.86	-9.02	-7.87	-11.68	-7.54
1090 MHz	0.13	-4.20	-1.31	-1.55	-0.07	-16.75	-20.67	-26.43	-34.65	-24.41	-4.74	-8.63	-7.81	-11.89	-7.43
1140 MHz	0.18	-3.80	-1.14	-1.67	0.01	-15.66	-19.26	-26.62	-32.68	-24.02	-4.61	-8.78	-7.76	-11.28	-7.31
1190 MHz	0.13	-3.84	-1.17	-1.62	-0.07	-14.60	-19.24	-27.49	-25.78	-24.08	-4.62	-8.78	-7.82	-11.11	-7.32
1240 MHz	-0.07	-4.02	-1.28	-1.63	-0.31	-15.39	-20.51	-26.34	-25.01	-26.03	-4.82	-9.09	-8.09	-11.22	-7.51
1290 MHz	0.15	-3.81	-1.14	-1.25	-0.14	-14.18	-21.03	-21.75	-29.82	-26.07	-4.60	-8.61	-7.98	-10.86	-7.30
1340 MHz	0.20	-4.21	-1.37	-1.46	-0.48	-15.06	-20.72	-26.66	-30.68	-26.13	-5.08	-9.40	-8.45	-11.73	-7.77

YZ Plane	Total (Max.)	Horizontal (Max.)	Vertical (Max.)	LJCP (Max.)	RJCP (Max.)	Total (Avg.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)	Total (Max.)	Horizontal (Avg.)	Vertical (Avg.)	LJCP (Avg.)	RJCP (Avg.)
790 MHz	-1.51	-6.88	-1.52	-4.79	-4.26	-16.64	-27.49	-20.12	-25.12	-22.30	-7.24	-30.70	-7.40	-11.20	-10.68
840 MHz	-1.63	-6.43	-1.65	-5.02	-4.27	-17.22	-27.22	-20.80	-26.31	-23.28	-7.24	-29.18	-7.96	-11.38	-10.68
890 MHz	-1.79	-6.11	-1.61	-5.25	-4.28	-17.83	-26.80	-20.72	-24.71	-24.71	-7.33	-28.80	-8.07	-11.90	-10.74
940 MHz	-2.01	-6.08	-1.64	-5.77	-4.37	-18.30	-24.43	-22.46	-26.81	-26.81	-7.47	-28.44	-8.31	-11.68	-10.89
990 MHz	-2.12	-6.08	-1.16	-5.96	-4.38	-18.04	-23.09	-21.17	-26.72	-26.56	-7.54	-28.12	-8.12	-11.77	-10.98
1040 MHz	-2.09	-6.03	-1.10	-5.96	-4.21	-18.52	-20.41	-21.27	-26.55	-26.50	-7.38	-28.12	-8.18	-11.68	-10.84
1090 MHz	-2.09	-6.24	-1.16	-5.80	-4.16	-18.36	-20.00	-24.51	-27.43	-26.46	-7.36	-27.84	-8.18	-11.59	-10.84
1140 MHz	-2.11	-6.32	-1.20	-5.76	-4.00	-18.11	-20.07	-24.32	-28.73	-26.78	-7.31	-27.74	-8.18	-11.50	-10.86
1190 MHz	-2.11	-6.31	-1.21	-5.80	-4.11	-18.03	-20.51	-24.81	-28.17	-26.34	-7.47	-27.70	-8.36	-11.71	-11.02
1240 MHz	-2.07	-6.28	-1.20	-5.80	-4.10	-18.07	-20.50	-24.80	-28.07	-26.33	-7.47	-27.69	-8.36	-11.71	-11.02
1290 MHz	-2.58	-6.75	-1.25	-6.18	-20.77	-21.78	-26.62	-45.28	-28.82	-7.71	-27.86	-8.66	-12.00	-11.37	
1340 MHz	-2.78	-6.87	-1.28	-6.77	-4.64	-22.08	-26.89	-26.89	-33.40	-27.79	-8.18	-28.15	-9.16	-12.49	-11.82

3D Total

Frequency (MHz)	Total Peak Gain (dBi)	Horizontal Peak Gain (dBi)	Vertical Peak Gain (dBi)	LJCP Peak Gain (dBi)	RJCP Peak Gain (dBi)	Total Efficiency (%)	Horizontal Efficiency (%)	Vertical Efficiency (%)	LJCP Efficiency (%)	RJCP Efficiency (%)	Total Efficiency (%)	Horizontal Efficiency (%)	Vertical Efficiency (%)	LJCP Efficiency (%)	RJCP Efficiency (%)	Upper IRM (dBi)	Lower IRM (dBi)	Peak Gain @Theta (dBi)	Peak Gain @Phi (dBi)					
790	0.00	-3.92	-0.90	-0.82	-0.86	4.01	7.12	5.96	6.02	4.98	-11.32	-6.00	-6.03	-7.28	-3.44	7.76	25.41	13.71	16.71	-9.26	-6.67	159.08	0.00	
840	0.00	-3.92	-0.90	-0.80	-0.26	4.01	7.12	5.45	6.00	4.83	-11.32	-6.00	-6.03	-7.28	-3.44	7.76	25.41	13.01	16.71	-9.26	-6.64	159.08	0.00	
890	0.00	-3.80	-0.60	-1.07	-0.78	4.77	7.18	5.40	7.62	6.96	-4.83	-11.07	-6.00	4.60	-7.11	59.08	7.81	28.17	15.52	16.46	-6.01	-6.69	157.00	107.00
940	-0.09	-4.00	-0.79	-1.22	-0.17	4.78	7.01	5.28	7.58	6.90	-4.88	-11.02	-6.00	4.80	-7.13	33.54	7.90	24.66	15.17	16.37	-6.01	-6.69	157.00	107.00
990	-0.08	-4.01	-0.79	-1.22	-0.11	4.77	6.85	5.28	7.49	6.82	-4.87	-10.98	-6.00	4.82	-7.08	33.99	8.36	24.83	15.30	16.68	-6.01	-6.68	156.00	108.00
1040	0.21	-3.78	-0.60	-1.21	0.10	4.78	6.80	5.23	7.33	6.92	-4.58	-10.88	-6.03	-6.54	-6.81	34.84	8.75	26.30	15.01	16.84	-6.01	-6.79	155.00	109.00
1090	0.27	-3.68	-0.63	-1.36	0.15	4.79	6.77	5.73	7.07	6.86	-4.68	-10.40	-5.76	-6.44	-6.71	36.39	9.17	26.39	14.33	17.34	-6.38	-6.74	144.00	108.00
1140	0.30	-3.40	-0.66	-1.42	0.12	4.68	6.81	5.71	6.85	6.80	-4.73	-10.12	-6.00	-6.77	-6.58	36.87	9.72	27.15	14.00	17.97	-6.15	-6.66	144.00	109.00
1190	0.33	-3.20	-0.64	-1.28	0.20	4.73	6.83	5.71	6.86	6.84	-4.73	-9.86	-6.34	-6.63	-6.58	36.71	10.02	26.79	15.00	17.71	-6.09	-6.74	133.00	101.00
1240	0.16	-3.40	-0.68	-1.34	-0.20	4.70	6.75	5.08	7.00	6.80	-4.54	-10.15	-5.04	-6.35	-6.58	35.12	9.60	26.47	14.61	18.51	-6.21	-6.99	133.00	101.00
1290	0.45	-3.13	-0.77	-0.90	0.28	4.79	6.70	5.01	7.13	7.01	-4.54	-10.34	-5.04	-6.77	-6.03	36.46	10.38	26.46	15.74	18.11	-7.00	-6.78	133.00	102.00
1340	0.14	-3.45	-1.23	-1.13	-0.10	4.66	6.50	4.86	7.16	7.14	-4.72	-10.12	-6.19	-6.79	-7.23	35.75	9.77	24.66	14.84	18.91	-6.25	-7.26	133.00	103.00