

Frequency	2.3GHz	2.31GHz	2.5GHz	2.53GHz	2.54GHz	2.55GHz	2.56GHz	2.57GHz	2.58GHz	2.59GHz	2.6GHz	2.61GHz	2.62GHz	2.63GHz	2.64GHz	2.65GHz	2.66GHz	2.67GHz	2.68GHz	2.69GHz	2.5GHz	2.51GHz	2.53GHz	2.55GHz	2.54GHz	2.55GHz	2.56GHz	2.57GHz	2.58GHz	2.59GHz	2.6GHz
Ant. Port Imp. Pow. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rad. Pow. (dBm)	-3.67	-3.36	-3.5	-3.73	-3.53	-3.34	-3	-2.79	-2.55	-2.41	-2.07	-1.75	-1.73	-1.94	-2	-1.87	-1.95	-2.07	-2.04	-1.99	-2.06	-2.07	-2.1	-2.14	-2.1	-2	-1.87	-1.79	-1.94	-1.81	-1.18
Rad. Pow. 90-90 (dBm)	-5.29	-4.96	-5.12	-5.39	-5.22	-5	-4.62	-4.41	-4.24	-4.19	-3.91	-3.7	-3.79	-4.06	-4.2	-4.18	-4.33	-4.49	-4.55	-4.55	-4.75	-4.85	-4.96	-5.07	-5.06	-4.96	-4.81	-4.71	-4.84	-4.75	-4.12
Rad. Pow. 90-180 (dBm)	-8.73	-8.48	-8.58	-8.71	-8.45	-8.31	-8.07	-7.85	-7.68	-7.14	-6.7	-6.17	-5.95	-6.08	-6	-5.7	-5.7	-5.77	-5.61	-5.5	-5.4	-5.31	-5.26	-5.24	-5.16	-5.07	-4.96	-4.89	-5.01	-4.9	-4.27
Peak ERP (dBm)	0.27	0.47	0.28	0.14	0.41	0.44	0.07	1.21	1.65	1.79	2.14	2.08	2.35	2.07	2.07	2.45	2.49	2.38	2.78	2.93	2.93	3.38	3.42	3.34	3.38	3.16	3.11	3.19	2.6	2.59	3.2
Directivity (dBi)	3.94	3.83	3.78	3.87	3.94	3.78	3.97	4	4.2	4.2	4.21	3.83	4.08	4.01	4.07	4.32	4.44	4.45	4.82	4.92	5.45	5.52	5.48	5.48	5.16	4.98	4.98	4.51	4.4	4.38	
Efficiency (dB)	-3.67	-3.36	-3.5	-3.73	-3.53	-3.34	-3	-2.79	-2.55	-2.41	-2.07	-1.75	-1.73	-1.94	-2	-1.87	-1.95	-2.07	-2.04	-1.99	-2.06	-2.07	-2.1	-2.14	-2.1	-2	-1.87	-1.79	-1.91	-1.81	-1.18
Efficiency (%)	42.95	46.13	44.67	42.36	44.36	46.34	50.12	52.6	55.59	57.41	62.09	66.83	67.14	63.97	63.1	65.01	63.83	62.09	62.52	62.34	62.23	62.09	61.66	61.09	61.66	63.1	65.01	66.22	64.42	65.92	76.21
Gain (dB)	0.27	0.47	0.28	0.14	0.41	0.44	0.07	1.21	1.65	1.79	2.14	2.08	2.35	2.07	2.07	2.45	2.49	2.38	2.78	2.93	2.93	3.38	3.42	3.34	3.38	3.16	3.11	3.19	2.6	2.59	3.2
NHPRP +30 (dB)	-6.31	-6.01	-6.19	-6.45	-6.26	-6.06	-5.75	-5.57	-5.39	-5.32	-5.03	-4.77	-4.79	-5.07	-5.18	-5.09	-5.18	-5.33	-5.31	-5.31	-5.45	-5.5	-5.59	-5.69	-5.69	-5.6	-5.48	-5.42	-5.55	-5.49	-4.91
NHPRP +45 (dB)	-4.81	-4.51	-4.68	-4.92	-4.73	-4.54	-4.22	-4.03	-3.82	-3.72	-3.41	-3.13	-3.13	-3.4	-3.49	-3.39	-3.49	-3.62	-3.61	-3.6	-3.71	-3.75	-3.83	-3.9	-3.87	-3.77	-3.63	-3.54	-3.66	-3.56	-2.93
Maximum H-V Value (dB)	0.27	0.47	0.28	0.14	0.41	0.44	0.07	1.21	1.65	1.79	2.14	2.08	2.35	2.07	2.07	2.45	2.49	2.38	2.78	2.93	2.93	3.38	3.42	3.34	3.38	3.16	3.11	3.19	2.6	2.59	3.2
Maximum H-V @ Theta (deg.)	45	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Minimum H-V @ Phi (deg.)	135	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
Minimum H-V @ Theta (deg.)	-23.35	-21.6	-19.34	-19.39	-18.66	-19.43	-19.14	-18.29	-17.28	-16.17	-15.37	-14.14	-14.96	-15.37	-15.24	-15.12	-15.58	-14.87	-15.13	-14.99	-16.37	-17.33	-17	-16.64	-16.37	-15.4	-15.34	-15.02	-15.69	-15.17	-12.0
Minimum H-V @ Phi (deg.)	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Minimum H-V @ Phi (deg.)	15	15	135	135	135	150	150	150	150	150	150	165	165	165	285	285	285	270	270	270	270	330	330	330	330	330	315	315	330	330	315
Horizontal O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant. Port Imp. Pow. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H Rad. Pow. (dBm)	-5.33	-4.96	-5.07	-5.29	-5.09	-4.72	-4.43	-4.03	-3.68	-3.44	-3.12	-2.68	-2.62	-2.94	-3	-2.81	-2.89	-3.01	-2.99	-3.03	-3.15	-3.15	-3.36	-3.48	-3.53	-3.44	-3.42	-3.41	-3.63	-3.61	-2.95
H Rad. Pow. 90-90 (dBm)	-7.04	-6.66	-6.81	-7.09	-6.94	-6.52	-6.22	-5.8	-5.52	-5.36	-5.1	-4.73	-4.76	-5.14	-5.27	-5.17	-5.32	-5.46	-5.52	-5.62	-5.86	-5.95	-6.23	-6.43	-6.52	-6.42	-6.36	-6.32	-6.52	-6.5	-5.85
H Rad. Pow. 90-180 (dBm)	-10.2	-9.85	-9.88	-9.96	-9.7	-9.39	-9.15	-8.77	-8.29	-7.9	-7.48	-6.92	-6.73	-6.94	-6.9	-6.59	-6.58	-6.66	-6.54	-6.51	-6.48	-6.38	-6.5	-6.55	-6.56	-6.49	-6.5	-6.52	-6.77	-6.74	-6.09
H Peak ERP (dBm)	-0.96	-0.76	-0.75	-1.06	-1.11	-1.07	-0.89	0.07	0.43	0.66	0.96	1.96	2.34	2.06	2.06	2.44	2.49	2.37	2.78	2.91	3.22	3.36	3.4	3.32	3.35	3.12	3.05	3.13	2.54	2.45	3.14
H Directivity (dBi)	4.37	4.2	4.32	4.23	3.98	3.85	3.94	4.1	4.11	4.1	4.08	4.64	4.96	5	5.06	5.25	5.38	5.38	5.77	5.94	6.37	6.51	6.76	6.8	6.88	6.56	6.47	6.54	6.17	6.06	6.09
H Efficiency (dB)	-5.33	-4.96	-5.07	-5.29	-5.09	-4.72	-4.43	-4.03	-3.68	-3.44	-3.12	-2.68	-2.62	-2.94	-3	-2.81	-2.89	-3.01	-2.99	-3.03	-3.15	-3.15	-3.36	-3.48	-3.53	-3.44	-3.42	-3.41	-3.63	-3.61	-2.95
H Efficiency (%)	29.31	31.92	31.12	29.58	30.97	33.73	36.06	39.54	42.85	45.29	48.75	53.95	54.7	50.82	50.12	52.36	51.4	50	50.23	49.77	48.42	46.13	44.87	44.36	45.29	45.5	45.6	43.55	45.5	50.7	
H Gain (dBi)	-4.96	-4.76	-4.75	-1.06	-1.11	-1.07	-0.89	0.07	0.43	0.66	0.96	1.96	2.34	2.06	2.06	2.44	2.49	2.37	2.78	2.91	3.22	3.36	3.4	3.32	3.35	3.12	3.05	3.13	2.54	2.45	3.14
H NHPRP +30 (dB)	-8.09	-7.7	-7.82	-8.04	-7.85	-7.68	-7.2	-6.81	-6.46	-6.26	-5.97	-5.54	-5.49	-5.85	-5.94	-5.79	-5.88	-6.03	-6.02	-6.13	-6.33	-6.41	-6.69	-6.9	-7.02	-6.96	-6.95	-6.95	-7.15	-7.14	-6.51
H NHPRP +45 (dB)	-6.57	-6.19	-6.29	-6.5	-6.31	-5.96	-5.68	-5.27	-4.92	-4.69	-4.38	-3.94	-3.89	-4.23	-4.31	-4.15	-4.25	-4.38	-4.39	-4.47	-4.64	-4.69	-4.95	-5.12	-5.21	-5.13	-5.1	-5.08	-5.29	-5.26	-4.6
Maximum H Value (dB)	-4.96	-4.76	-4.75	-1.06	-1.11	-1.07	-0.89	0.07	0.43	0.66	0.96	1.96	2.34	2.06	2.06	2.44	2.49	2.37	2.78	2.91	3.22	3.36	3.4	3.32	3.35	3.12	3.05	3.13	2.54	2.45	3.14
Maximum H @ Theta (deg.)	30	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Minimum H @ Phi (deg.)	285	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Minimum H Value (dB)	-11.72	-10.24	-9.18	-9.9	-9.56	-9.33	-8.67	-8.07	-7.25	-6.67	-5.86	-4.88	-4.67	-5.46	-5.44	-5.27	-5.46	-5.63	-5.61	-5.63	-5.81	-5.89	-6.17	-6.32	-6.45	-6.45	-6.45	-6.45	-6.45	-6.45	-6.45
Minimum H @ Theta (deg.)	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Minimum H @ Phi (deg.)	30	30	15	15	15	15	0	0	0	0	0	0	0	0	0	0	210	285	270	270	330	330	330	330	330	330	255	330	270	330	330
Vertical O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ant. Port Imp. Pow. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V Rad. Pow. (dBm)	-8.64	-8.47	-8.69	-8.95	-8.74	-8.99	-8.53	-8.83	-8.97	-9.16	-8.78	-8.92	-9.02	-8.84	-8.85	-8.95	-9.06	-9.19	-9.11	-8.71	-8.58	-8.62	-8.08	-7.91	-7.61	-7.5	-7.09	-6.86	-6.76	-6.52	-5.94
V Rad. Pow. 90-90 (dBm)	-10.07	-9.84	-10.03	-10.28	-10.09	-10.28	-9.75	-10.01	-10.18	-10.44	-10.12	-10.46	-10.75	-10.63	-10.81	-11.08	-11.23	-11.47	-11.53	-11.18	-11.23	-11.36	-10.89	-10.77	-10.49	-10.4	-10.02	-9.81	-9.76	-9.54	-8.97
V Rad. Pow. 90-180 (dBm)	-14.15	-14.17	-14.46	-14.72	-14.49	-14.88	-14.64	-15.06	-15.13	-15.09	-14.53	-14.18	-13.83	-13.56	-13.25	-13.06	-13.09	-13.07	-12.79	-12.33	-11.98	-11.92	-11.91	-11.07	-10.75	-10.62	-10.19	-9.92	-9.79	-9.52	-8.92
V Peak ERP (dBm)	-2.63	-2.49	-2.7	-2.79	-2.24	-2.55	-1.83	-2.03	-1.49	-1.32	-0.94	-0.72	0.79	-0.26	-0.49	-0.36	-0.84	-1.35	-1.33	-1.18	-0.89	-1.19	-0.9	-0.51	-0.08	0.13	0.57	0.81	0.86	0.94	1.39
V Directivity (dBi)	6.01	5.98	5.99	6.16	6.5	6.44	6.7	6.8	7.48	7.84	7.84	8.2	8.23	8.58	8.36	8.59	8.22	7.84	7.78	7.53	7.69	7.43	7.18	7.4	7.53	7.63	7.66	7.67	7.62	7.46	7.33
V Efficiency (dB)	-8.64	-8.47	-8.69	-8.95	-8.74	-8.99	-8.53	-8.83	-8.97	-9.16	-8.78	-8.92	-9.02	-8.84	-8.85	-8.95	-9.06	-9.19	-9.11	-8.71	-8.58	-8.62	-8.08	-7.91	-7.61	-7.5	-7.09	-6.86	-6.76	-6.52	-5.94
V Efficiency (%)	13.68	14.22	13.52	12.74	13.37	12.68	12.13	13																							