

123456789
101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

Total	Frequency	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600
	Point Values																															
	Ant. Port I	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
	Tot. Rad. I	-3.28998	-3.9137	-4.0319	-4.29729	-4.25999	-4.57853	-4.6098	-5.17073	-4.93489	-4.90543	-4.30042	-4.21841	-4.04541	-4.07145	-3.81513	-3.86394	-3.79911	-3.97191	-4.06912	-4.23754	-4.08244	-4.14704	-4.00438	-3.8751	-3.81647	-3.85171	-4.01701	-4.1643	-4.29663	-4.33319	-4.30415
	Peak EIRF	2.55742	1.77703	1.69091	1.28328	1.23233	0.803943	0.699021	0.16493	0.522019	0.528342	0.919627	0.893259	1.25132	1.21062	1.53286	1.41875	1.41953	1.11781	1.10004	0.829505	1.09597	0.818311	1.10981	1.02825	1.256	1.25223	1.08398	0.929022	0.977216	0.91958	1.02116
	Directivity	5.8474	5.69074	5.72281	5.58057	5.49232	5.38247	5.30882	5.33566	5.45691	5.43377	5.22005	5.11167	5.29673	5.28207	5.34799	5.28269	5.21863	5.08971	5.16917	5.06705	5.17841	4.96535	5.1142	4.90336	5.07248	5.10394	5.10099	5.09332	5.27385	5.25277	5.3253
	Efficiency	-3.28998	-3.9137	-4.0319	-4.29729	-4.25999	-4.57853	-4.6098	-5.17073	-4.93489	-4.90543	-4.30042	-4.21841	-4.04541	-4.07145	-3.81513	-3.86394	-3.79911	-3.97191	-4.06912	-4.23754	-4.08244	-4.14704	-4.00438	-3.8751	-3.81647	-3.85171	-4.01701	-4.1643	-4.29663	-4.33319	-4.30415
	Efficiency	46.8816	40.6097	39.5194	37.1768	37.4974	34.8455	34.5955	30.4037	32.1004	32.319	37.1499	37.8581	39.3966	39.1611	41.542	41.0777	41.6955	40.0691	39.1821	37.6917	39.0622	38.4854	39.7706	40.9722	41.5291	41.1936	39.6551	38.3327	37.1823	36.8706	37.1181
	Gain (dBi)	2.55742	1.77703	1.69091	1.28328	1.23233	0.803943	0.699021	0.16493	0.522019	0.528342	0.919627	0.893259	1.25132	1.21062	1.53286	1.41875	1.41953	1.11781	1.10004	0.829505	1.09597	0.818311	1.10981	1.02825	1.256	1.25223	1.08398	0.929022	0.977216	0.91958	1.02116

	403MHz	406MHz	409MHz	412MHz	415MHz	418MHz	421MHz	424MHz	427MHz	430MHz	433MHz	436MHz	439MHz	442MHz	445MHz	448MHz	451MHz	454MHz	457MHz	460MHz	463MHz	466MHz	469MHz	472MHz	475MHz	478MHz	481MHz	484MHz	487MHz	490MHz	493MHz	496MHz	499MHz	502MHz				
Horizontal+Vertical																																						
Directivity	2.5	2.5	2.45	2.52	2.5	2.59	2.63	2.66	2.66	2.64	2.54	2.5	2.52	2.51	2.47	2.39	2.36	2.31	2.28	2.23	2.18	2.32	2.36	2.37	2.44	2.37	2.37	2.36	2.38	2.42	2.38	2.33	2.41	2.34	2.3			
Efficiency	2.51	3.05	3.45	3.88	4.69	5.27	6.32	7.35	9.25	11.43	13.84	16.03	17.06	16.71	15.92	15.28	13.84	12.3	10.38	10.38	9.04	7.35	6.47	6.35	5.58	4.85	4.3	4.11	3.82	3.76	3.46	3.21	3.17	2.88	2.33			
Gain (dBi)	-13.5	-12.65	-12.17	-11.59	-10.79	-10.19	-9.36	-8.68	-7.68	-6.78	-6.05	-5.45	-5.16	-5.26	-5.51	-5.77	-6.23	-6.79	-7.56	-7.61	-8.26	-9.02	-9.53	-9.6	-10.09	-10.77	-11.3	-11.5	-11.8	-11.83	-12.23	-12.61	-12.58	-13.06	-14.03			
Horizontal																																						
H Directiv	2.19	2.2	2.19	2.25	2.27	2.37	2.41	2.47	2.58	2.52	2.53	2.5	2.52	2.5	2.42	2.35	2.32	2.26	2.3	2.36	2.3	2.43	2.47	2.48	2.56	2.48	2.49	2.46	2.42	2.52	2.42	2.48	2.43	2.43	2.42			
H Efficiency	2.3	2.82	3.2	3.62	4.39	4.94	5.96	6.93	8.73	10.81	13.09	15.21	16.14	15.81	15.07	14.45	13.15	11.67	9.86	9.84	8.59	6.97	6.14	6	5.27	4.58	4.05	3.86	3.58	3.52	3.23	2.99	2.93	2.66	2.14			
H Gain (d)	-14.19	-13.3	-12.76	-12.16	-11.31	-10.69	-9.84	-9.12	-8.01	-7.14	-6.3	-5.68	-5.4	-5.51	-5.8	-6.05	-6.49	-7.07	-7.76	-7.71	-8.36	-9.14	-9.65	-9.74	-10.22	-10.91	-11.44	-11.67	-12.04	-12.01	-12.49	-12.77	-12.9	-13.32	-14.28			
Vertical																																						
V Directiv	5.09	5.04	5.14	5.2	5.29	5.33	5.48	5.5	5.54	5.51	5.57	5.56	5.5	5.42	5.33	5.18	4.83	4.76	5.17	5.51	5.91	5.97	6.11	6.39	6.36	6.41	6.36	6.66	6.72	6.73	6.67	6.46	6.62	6.3	6.28			
V Efficiency	0.21	0.24	0.25	0.26	0.31	0.33	0.37	0.41	0.51	0.62	0.73	0.81	0.9	0.91	0.87	0.81	0.7	0.63	0.53	0.52	0.44	0.37	0.35	0.35	0.31	0.27	0.25	0.25	0.24	0.24	0.23	0.23	0.24	0.23	0.19			
V Gain (d)	-21.61	-21.17	-20.94	-20.58	-19.86	-19.49	-18.85	-18.38	-17.36	-16.57	-15.79	-15.33	-14.96	-14.97	-15.26	-15.75	-16.7	-17.22	-17.55	-17.33	-17.63	-18.33	-18.49	-18.17	-18.77	-19.29	-19.68	-19.39	-19.52	-19.5	-19.74	-19.99	-19.65	-20.13	-20.95			