

800-920MHz

700-800MHz

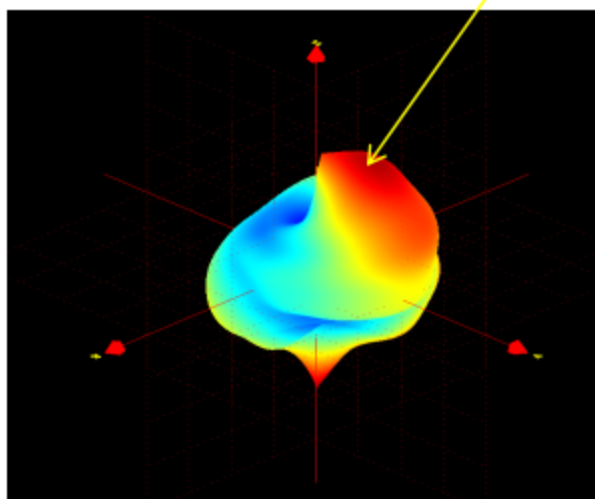
1710-2700MHz

Frequency (MHz)	Efficiency	Efficiency . dB	Frequency (MHz)	Gain (dBi)
800	9.62%	-10.16931045	800	-4.29
810	9.98%	-10.00790042	810	-3.28
820	11.76%	-9.295736934	820	-1.81
830	13.39%	-8.733098422	830	-0.98
840	15.33%	-8.144854026	840	-0.25
850	17.03%	-7.687323036	850	-0.08
860	18.77%	-7.264271113	860	-0.07
870	19.80%	-7.033498157	870	-0.30
880	21.28%	-6.719798521	880	-0.25
890	21.87%	-6.601567498	890	-0.38
920	22.30%	-6.516003806	920	-0.22

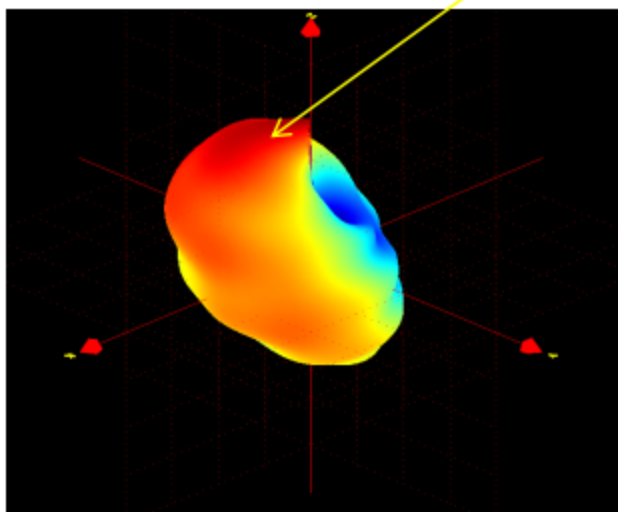
Frequency (MHz)	Efficiency	Efficiency . dB	Frequency (MHz)	Gain (dBi)
700	8.81%	-10.55223688	700	-6.39
710	11.27%	-9.480427807	710	-5.03
720	13.05%	-8.842893489	720	-4.31
730	14.95%	-8.253199841	730	-4.05
740	15.11%	-8.208368341	740	-4.40
750	13.43%	-8.71995656	750	-4.59
760	9.93%	-10.03208781	760	-5.04
770	10.37%	-9.842282819	770	-4.26
780	14.12%	-8.501288943	780	-2.73
790	18.67%	-7.287860407	790	-1.23
800	18.76%	-7.267886743	800	-1.45

Frequency (MHz)	Efficiency	Efficiency . dB	Frequency (MHz)	Gain (dBi)
1710	12.93%	-8.883771813	1710	-4.17
1759	17.89%	-7.472684983	1759	-2.60
1809	23.75%	-6.24305844	1809	-1.54
1858	26.98%	-5.689303572	1858	-1.63
1908	27.55%	-5.598940192	1908	-2.35
1957	25.12%	-6.000240597	1957	-2.27
2007	21.00%	-6.777850475	2007	-1.95
2056	19.49%	-7.101196121	2056	-2.39
2106	20.19%	-6.948438097	2106	-2.47
2155	22.17%	-6.542792311	2155	-2.38
2205	25.31%	-5.967401164	2205	-1.24
2254	26.25%	-5.80821146	2254	-0.85
2300	22.76%	-6.427555137	2300	-1.45
2353	20.40%	-6.902860107	2353	-2.56
2403	21.00%	-6.778184359	2403	-2.10
2452	21.16%	-6.744692582	2452	-1.72
2502	23.33%	-6.321664828	2502	-1.55
2551	21.23%	-6.729482583	2551	-1.39
2601	16.83%	-7.739071255	2601	-2.44
2650	13.79%	-8.60467159	2650	-2.66
2700	13.13%	-8.816611404	2700	-3.23

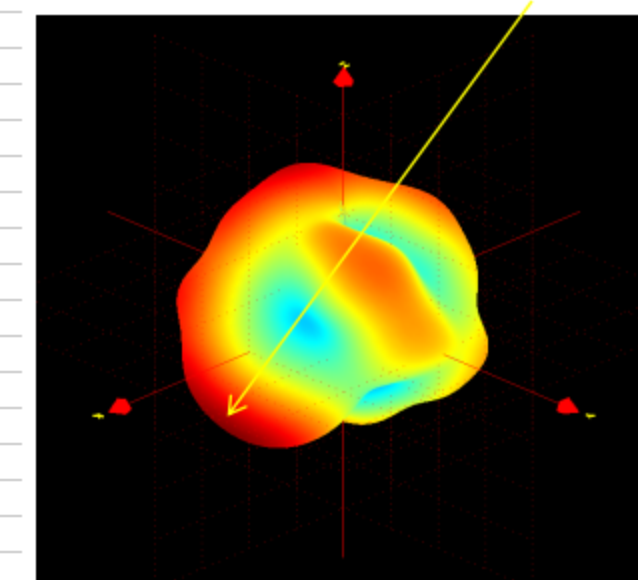
860MHz -0.07dBi



790MHz -1.23dBi



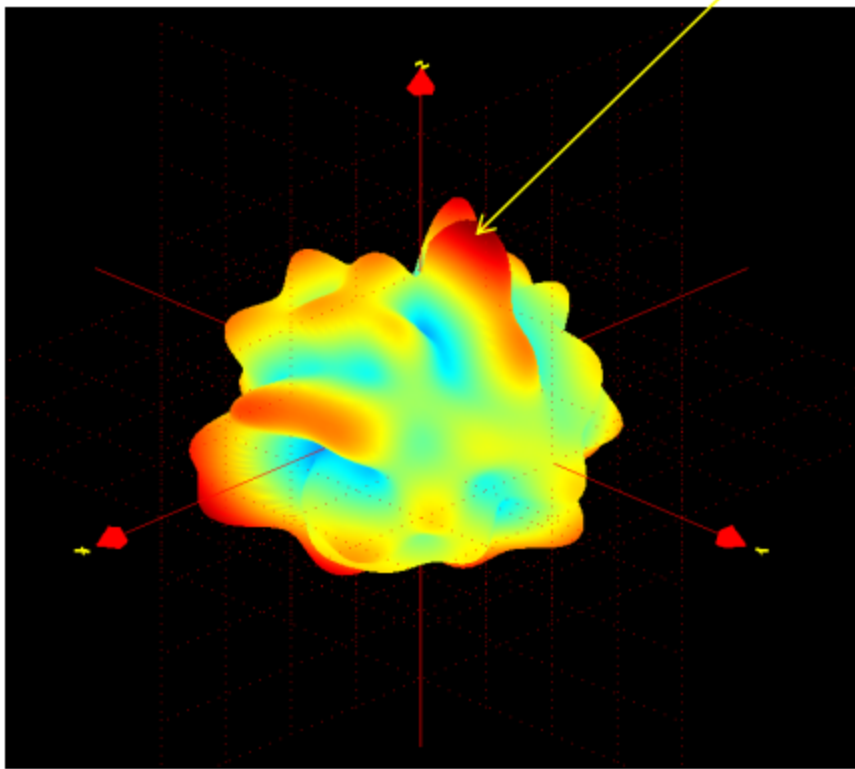
2254MHz -0.85dBi



5100-5850MHz

Frequency (MHz)	Efficiency . dB	Frequency (MHz)	Gain (dBi)
5100	-7.491402385	5100	-0.27
5136	-7.243405681	5136	0.33
5172	-7.456556337	5172	0.27
5208	-7.294260555	5208	1.01
5244	-7.800618683	5244	-0.28
5280	-7.769771704	5280	-0.11
5316	-7.726981794	5316	0.61
5352	-7.373494267	5352	1.28
5388	-6.610428119	5388	2.00
5424	-5.857195881	5424	2.71
5460	-5.315158596	5460	3.25
5496	-5.275393982	5496	2.89
5532	-5.333135619	5532	2.61
5568	-5.561738838	5568	1.88
5604	-6.248203671	5604	0.92
5640	-6.568087974	5640	0.34
5676	-7.124576875	5676	-0.61
5712	-7.561680546	5712	-1.50
5748	-7.645428006	5748	-2.21
5784	-7.726626588	5784	-2.28
5850	-8.099582725	5850	-2.51

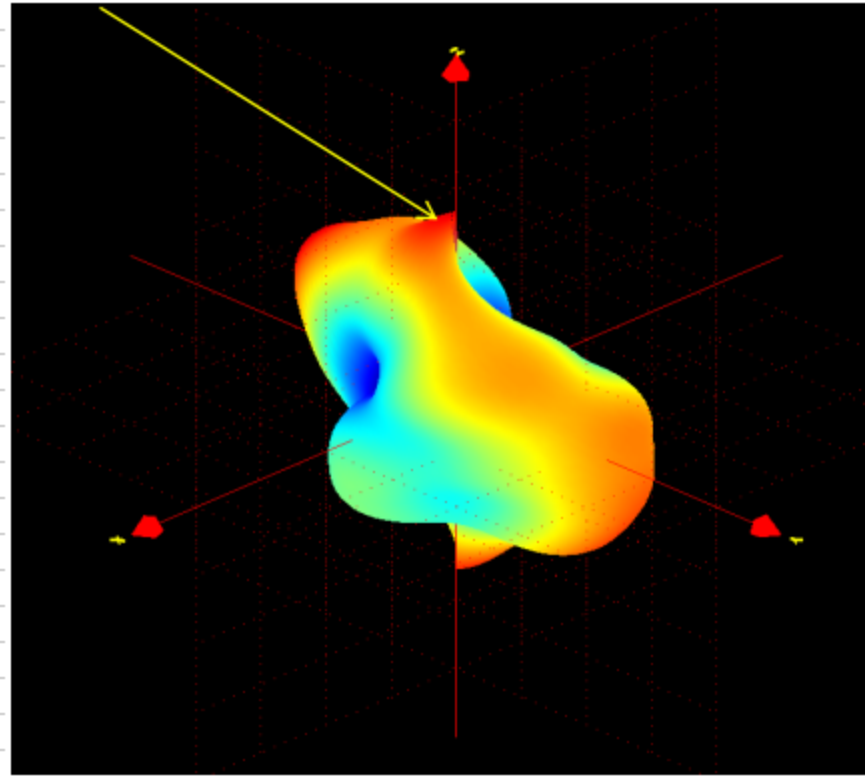
5460MHz 3.25dBi



1570-1650MHz

Frequency (MHz)	Efficiency . dB	Frequency (MHz)	Gain (dBi)
1570	-6.834487204	1570	-2.70
1571	-6.850859644	1571	-2.72
1572	-6.872767981	1572	-2.72
1573	-6.898313584	1573	-2.71
1574	-6.91822569	1574	-2.70
1575	-6.930609693	1575	-2.68
1576	-6.928650075	1576	-2.68
1577	-6.91978138	1577	-2.68
1578	-6.907813954	1578	-2.69
1579	-6.905556769	1579	-2.71
1650	-6.919276132	1650	-2.75

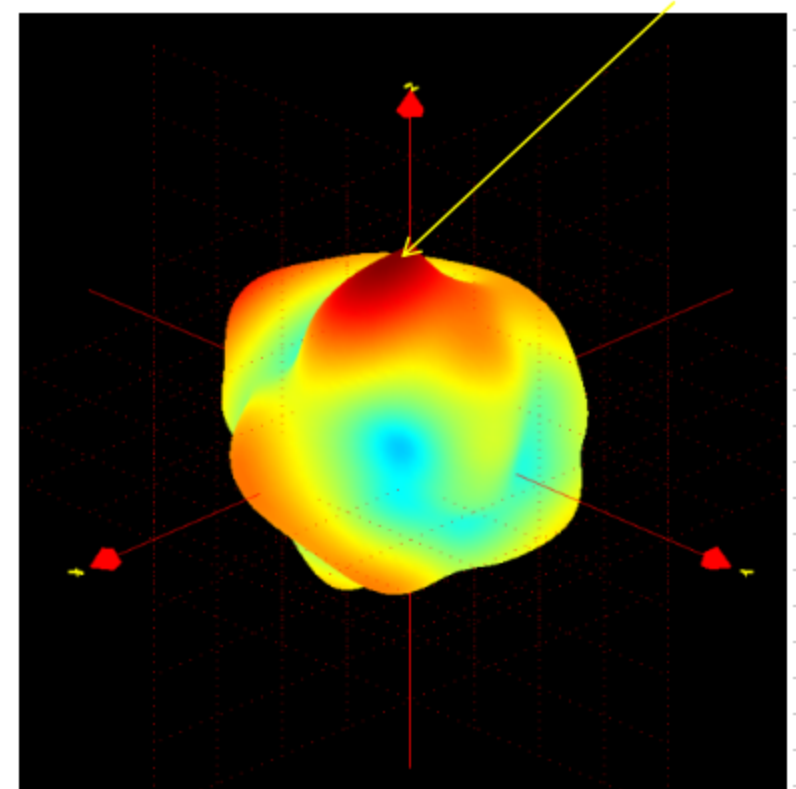
1575MHz -2.68dBi



2400-2500MHz

Frequency (MHz)	Efficiency . dB	Frequency (MHz)	Gain (dBi)
2400	-7.80623629	2400	-0.87
2410	-7.785247357	2410	-0.81
2420	-7.593033048	2420	-0.74
2430	-7.488028176	2430	-1.15
2440	-7.650054999	2440	-1.90
2450	-7.720129881	2450	-2.08
2460	-7.483839034	2460	-2.04
2470	-7.102068483	2470	-1.51
2480	-6.916954417	2480	-0.94
2490	-6.660810501	2490	-0.55
2500	-6.319124936	2500	-0.17

2500MHz -0.17dBi



Dimensions

BT+WIFI+GPS-ANT

LTE-ANT

