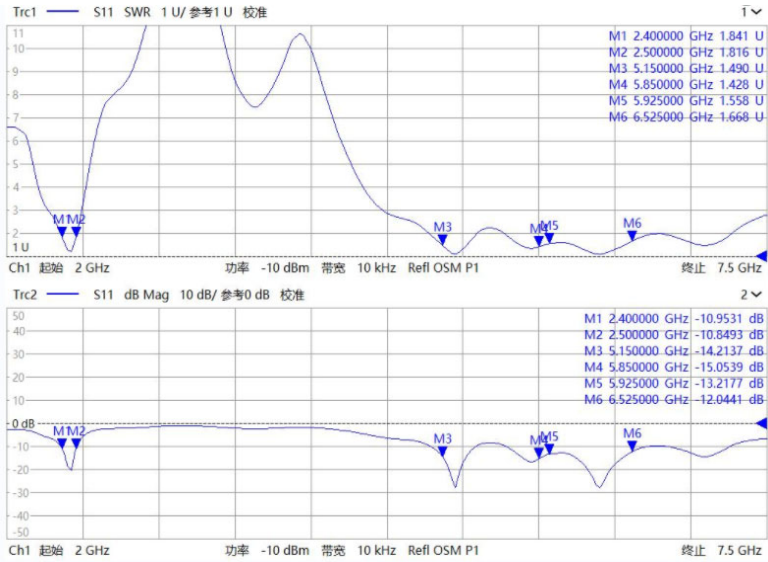


WIFI2.4G 5.8G 6G Antenna test data

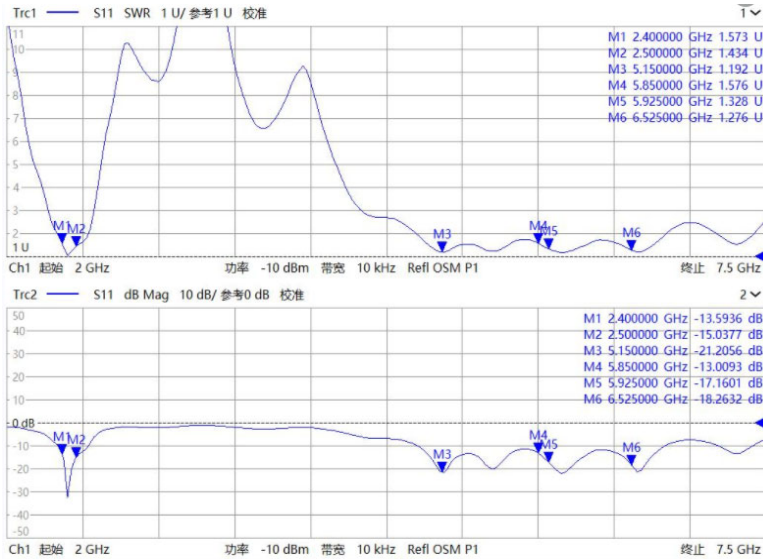
Manufacturer:
 Shenzhen SEI Robotics Co., Ltd.
 4th Floor, Productivity Building D, #5 Hi-Tech Middle 2nd Road, Shenzhen Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Model: SEI800 antenna

WIFI antenna one (2.4G 5.8G 6G)L=60mm passive standing wave



WIFI antenna two (2.4G 5.8G 6G) l=70mm passive standing wave



WIFI antenna One (2.4G 5.8G 6G) efficiency gain

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	2.47	55.02
2410	2.29	58.83
2420	2.45	58.06
2430	2.56	55.24
2440	3.45	57.79
2450	3.26	61.9
2460	2.72	56.94
2470	2.67	54.86
2480	2.18	52.67
2490	2.36	54.95
2500	2.59	53.63

Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.61	57.27
5200	3.46	63.31
5250	3.25	65.44
5300	3.52	61.98
5350	3.7	60.96
5400	3.57	58.12
5450	3.93	57.11
5500	4.12	55.93
5550	3.58	57.53
5600	3.73	55.52
5650	3.49	53.15
5700	3.35	55.21
5750	2.74	56.21
5800	3.13	58.21
5850	2.67	56.44

Frequency(MHz)	Gain(dBi)	Efficiency(%)
5925	3.98	66.39
6025	3.44	65.11
6125	3.6	62.54
6225	3.54	60.26
6325	3.67	60.45
6425	3.69	63.16
6525	3.6	65.5

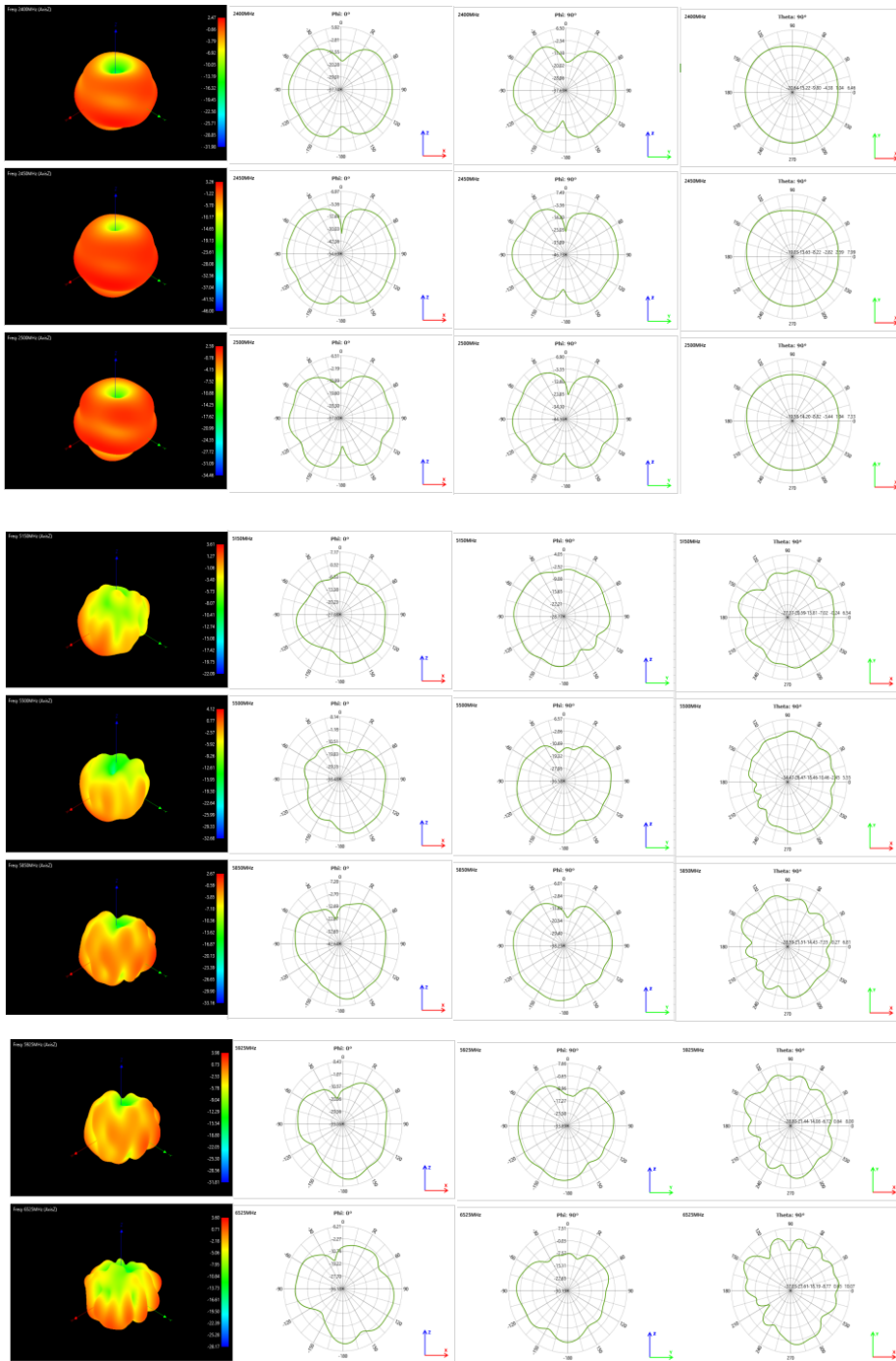
WIFI antenna II (2.4G 5.8G 6G) efficiency gain

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	2.87	55.78
2410	3.15	57
2420	2.97	54.41
2430	2.74	51.88
2440	3.64	60.49
2450	3.98	58.03
2460	3.48	53.82
2470	3.7	56.82
2480	3.15	53.05
2490	3.24	55.07
2500	3.89	56.95

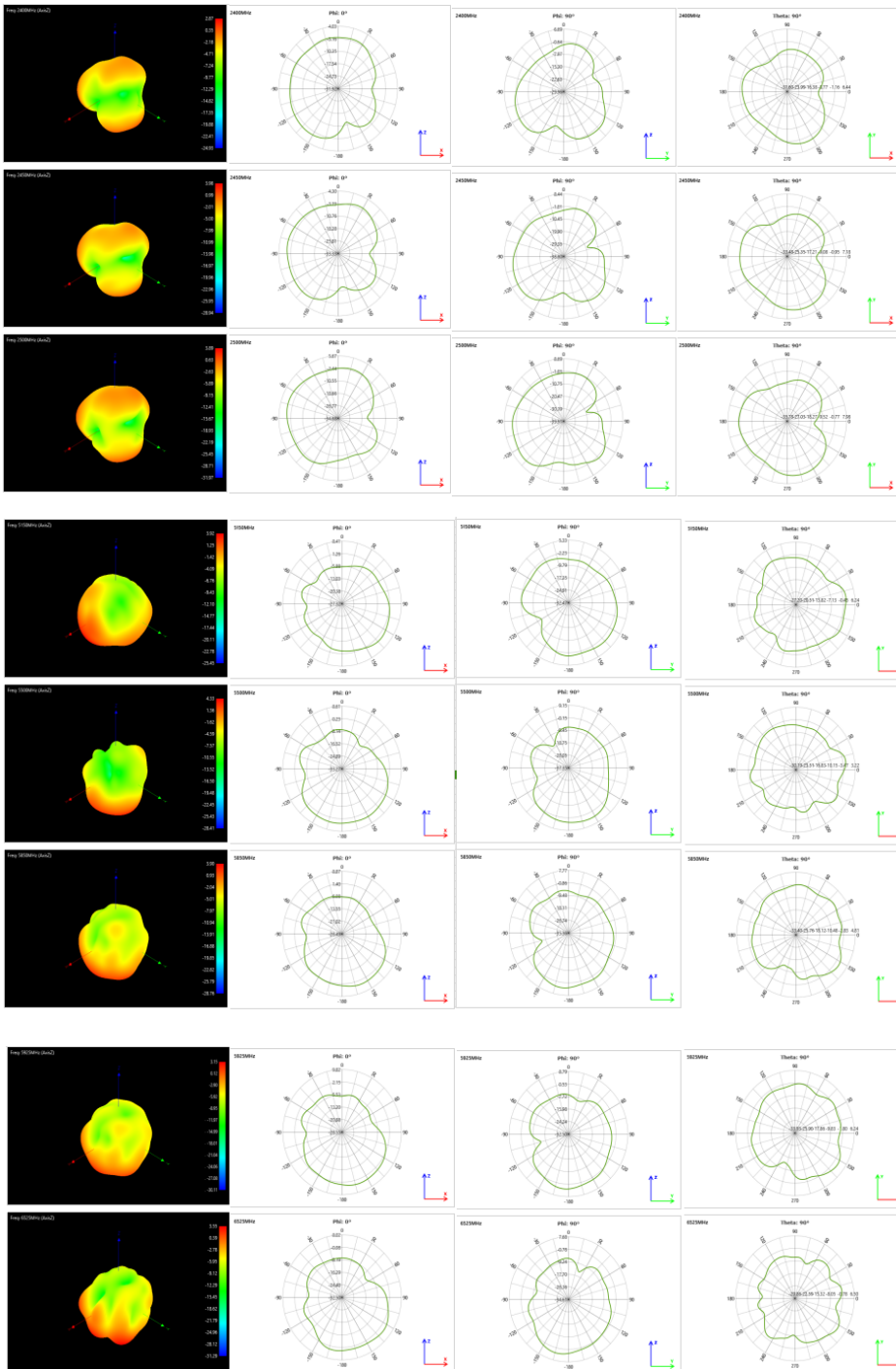
Frequency(MHz)	Gain(dBi)	Efficiency(%)
5150	3.92	58.8
5200	3.82	57.36
5250	2.99	55.56
5300	3.64	59.51
5350	3.46	64.65
5400	3.87	55.11
5450	3.07	58.64
5500	4.33	60.76
5550	3.91	59.4
5600	3.45	61.61
5650	3.44	59.3
5700	3.69	62.07
5750	3.75	62.51
5800	3.92	63.15
5850	3.9	60.22

Frequency(MHz)	Gain(dBi)	Efficiency(%)
5925	3.15	66.44
6025	3.2	65.01
6125	3.99	64.44
6225	3.89	62.48
6325	3.91	61.12
6425	3.57	66.13
6525	3.55	60.84

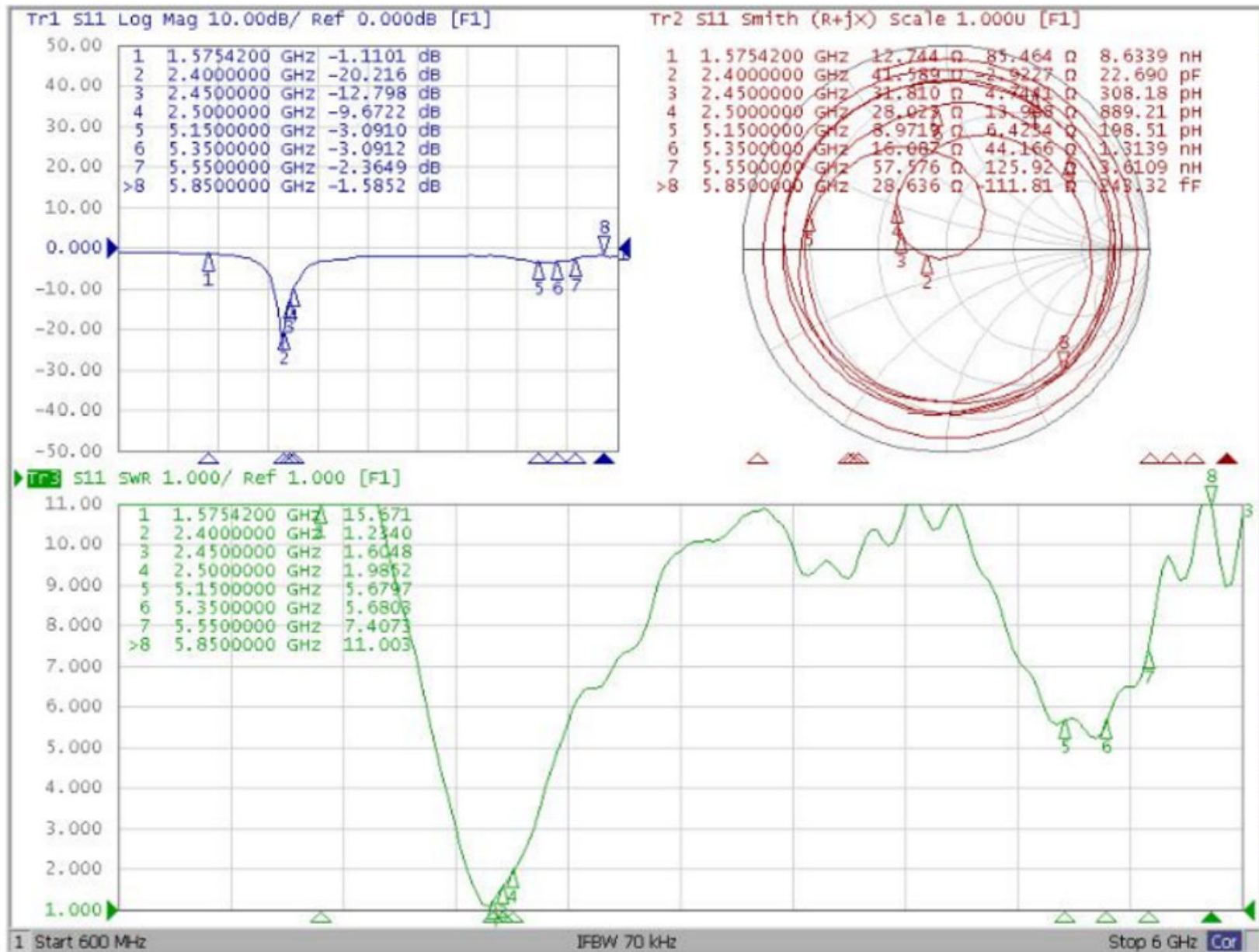
WIFI antenna 1 (2.4G 5.8G 6G) direction diagram



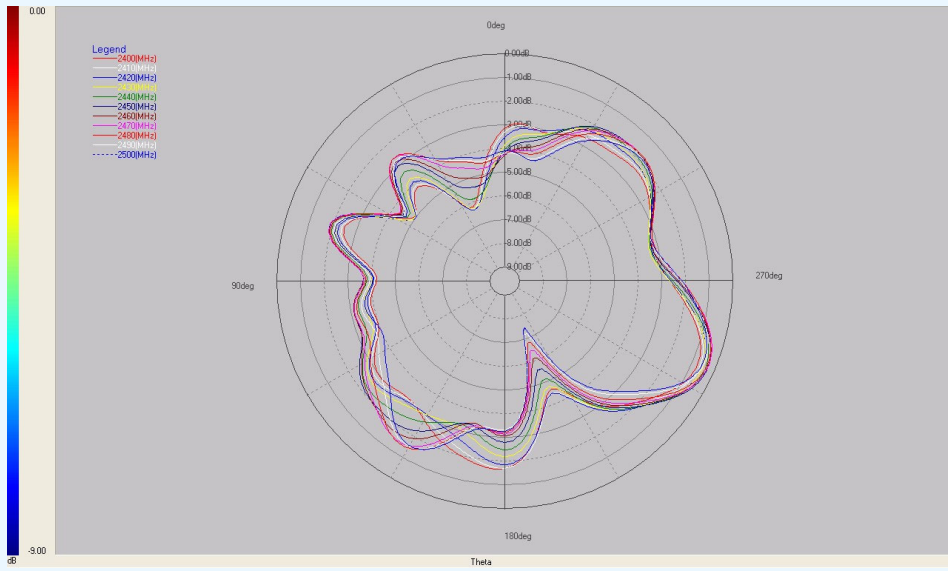
WIFI antenna 2 (2.4G 5.8G 6G) direction diagram



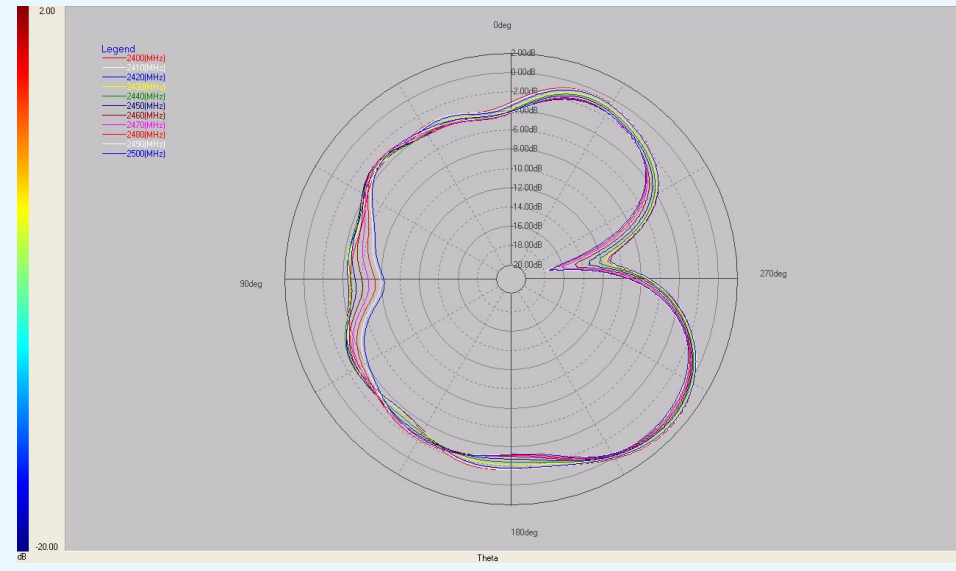
BT antenna



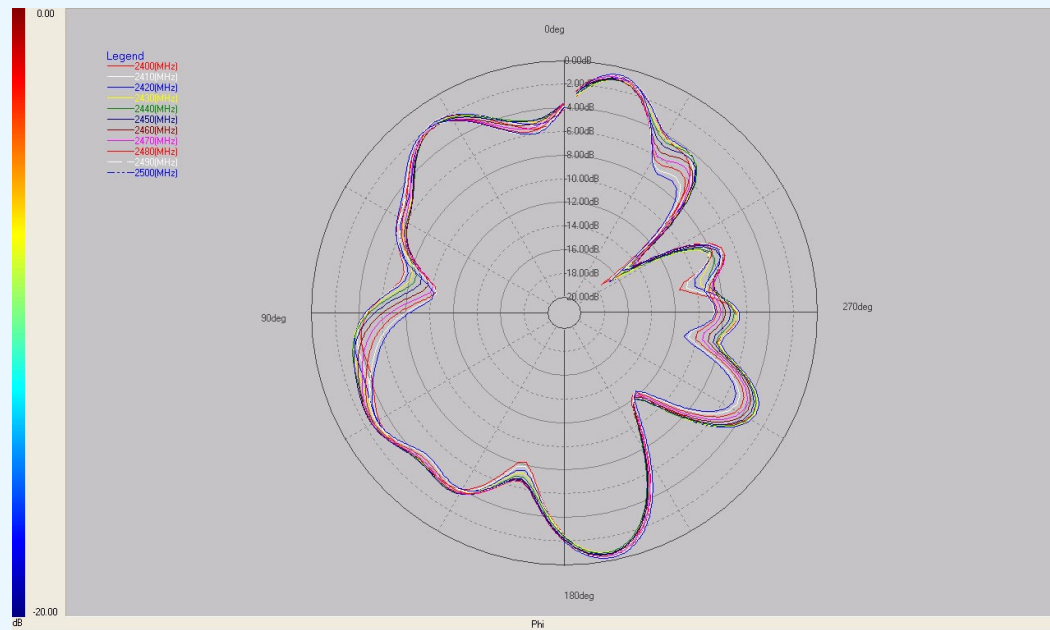
Frequency (MHZ)	Efficiency	Efficiency . dB	Peak_Gain (dBi)
2402	60.12%	-2.21	2.06
2408	60.11%	-2.21	2.08
2414	59.58%	-2.25	1.98
2420	59.26%	-2.27	1.89
2426	59.45%	-2.26	1.89
2432	58.56%	-2.32	1.84
2438	58.33%	-2.34	1.93
2444	57.61%	-2.39	1.88
2450	56.99%	-2.44	1.85
2456	56.35%	-2.49	1.87
2462	55.12%	-2.59	1.78
2468	54.54%	-2.63	1.80
2474	53.84%	-2.69	1.74
2480	52.53%	-2.80	1.59
2486	51.00%	-2.92	1.50
2492	50.24%	-2.99	1.36
2498	49.99%	-3.01	1.36
2504	48.55%	-3.14	1.15



Phi=0



Phi=90



Theta=90