

WiFiAntennaParameterTestingReport

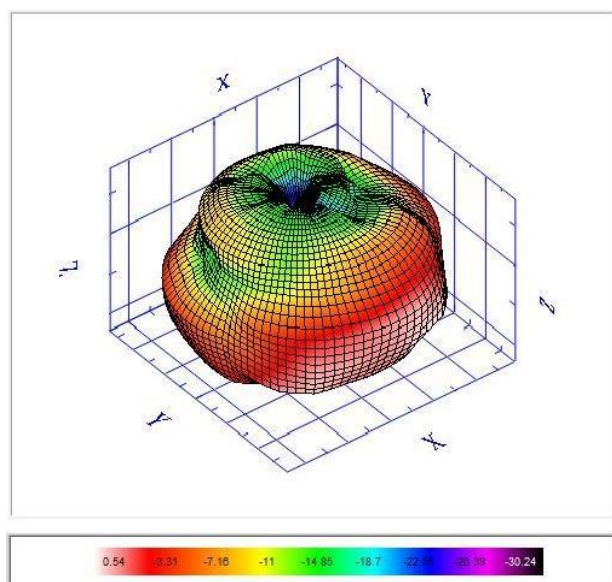


Address:XianXiIndustrial,ShatouAdministrationZone,ChanganTown,
Dong-guan Guangdong Province, China

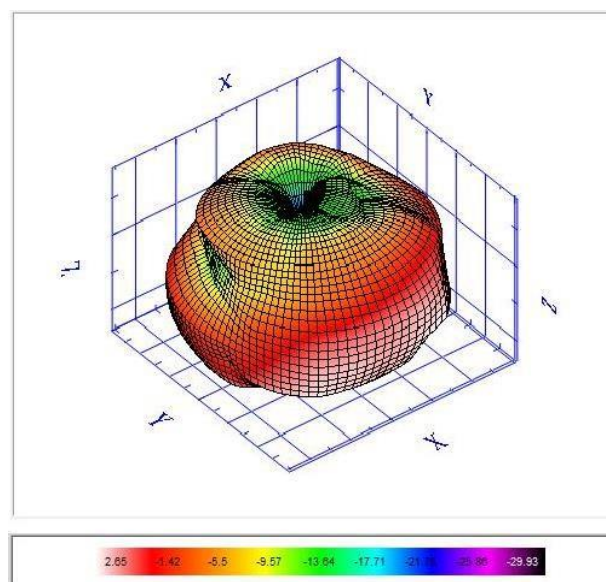
Customer:		ReportDate	2023.08.01
Model	NB1577-A150BF	ReportVersion	1.0
ProductDescription	2.4/5GAntenna	Preparedby	Chaoxing.Wang
SampleVersion	A02	Approvedby	

4. AntannaGainTest

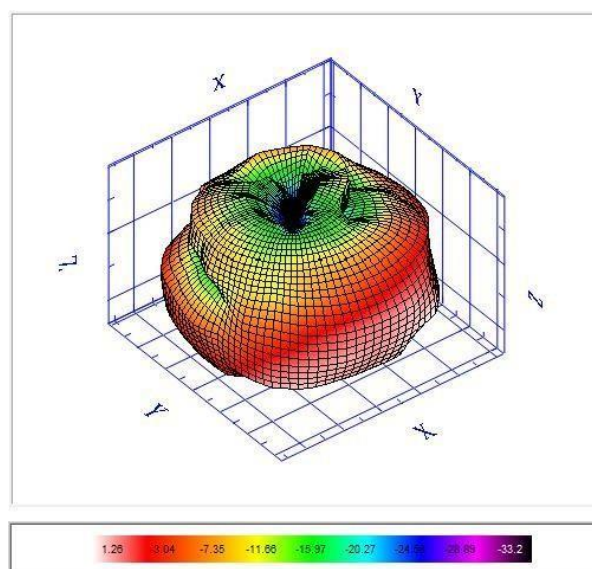
4.2 AntennaRadiationPattern



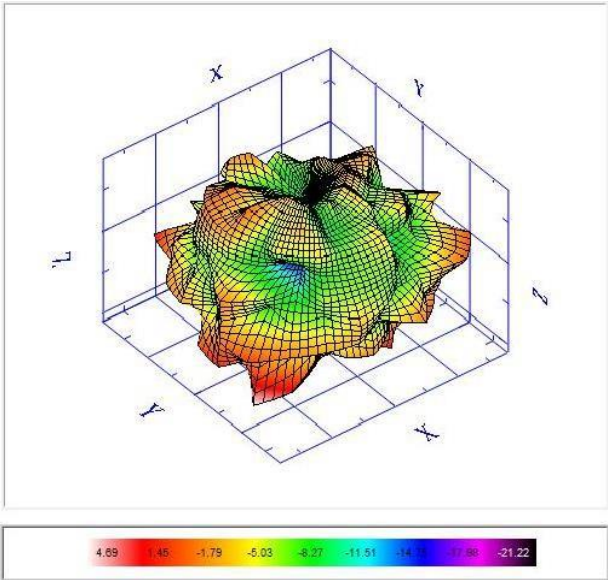
2400MHz



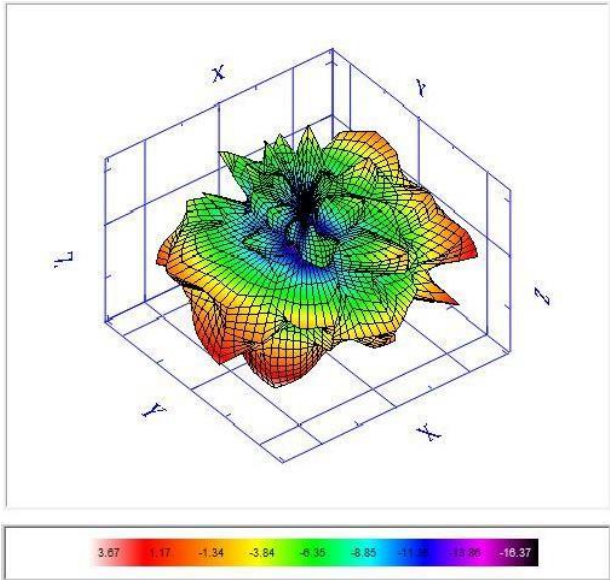
2450MHz



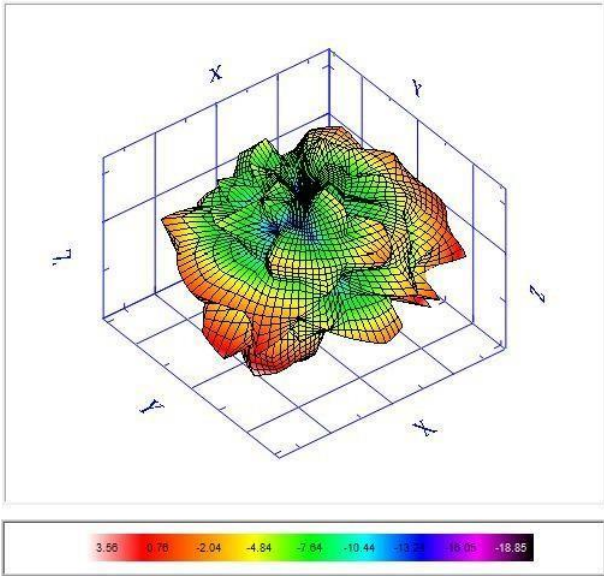
2500MHz



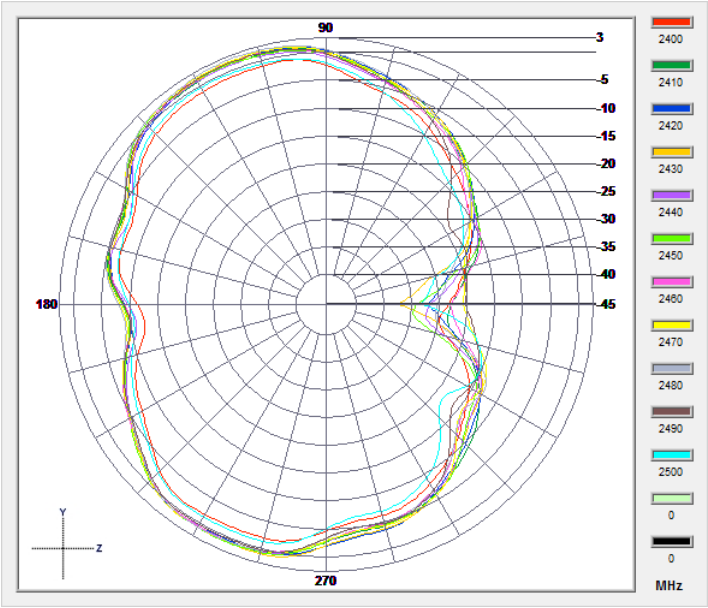
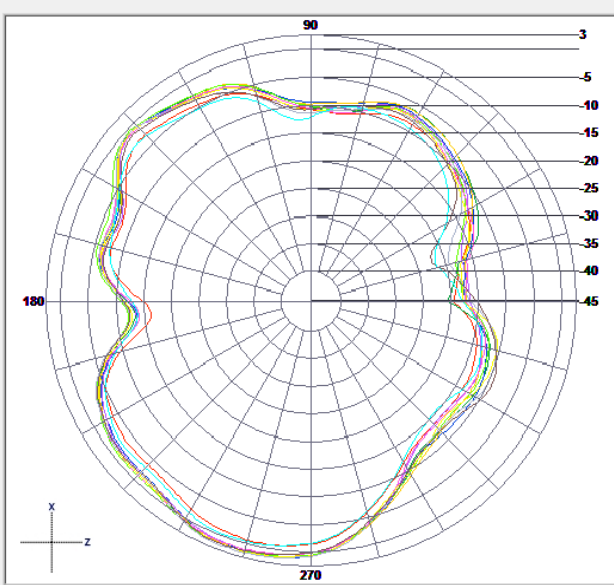
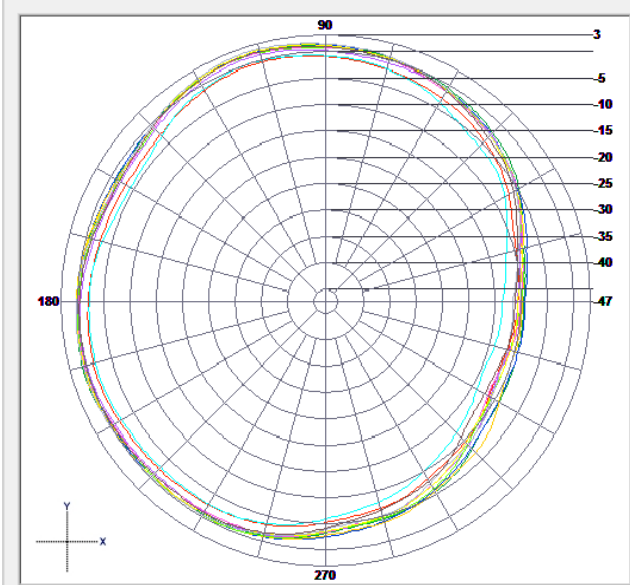
5150MHz

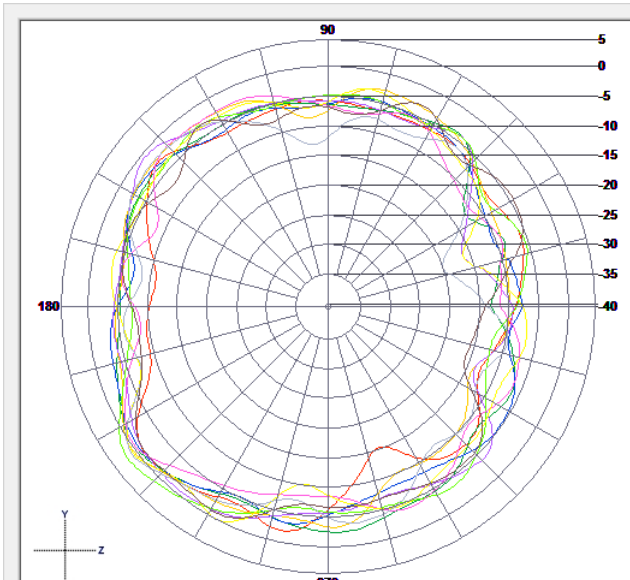
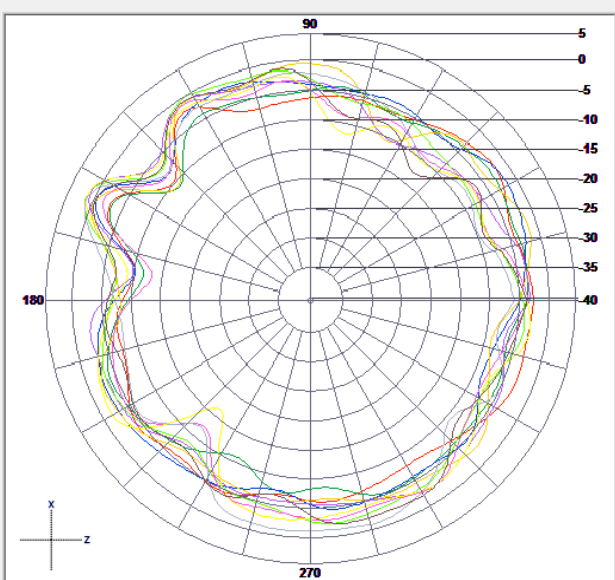
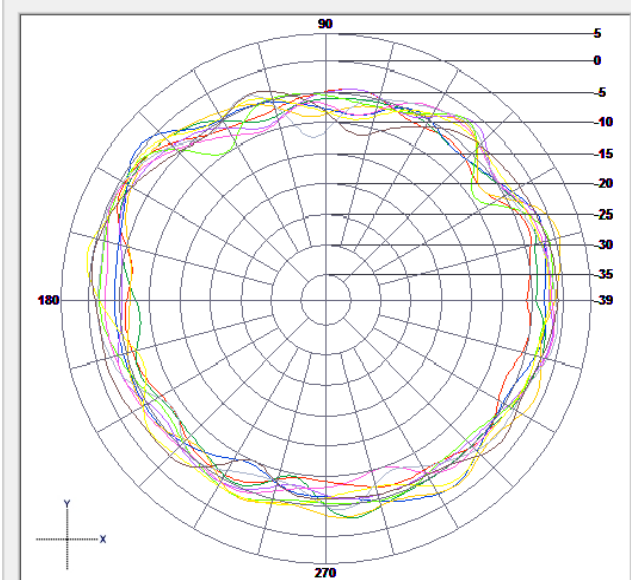


5725MHz



5850MHz





4.AntannaGainTest

4.3 GainandEfficiencyTestData

Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
E-Total Peak Gain (dBi)	0.54	2.67	2.88	2.83	2.41	2.65	2.64	2.86	3.23	2.75	1.26
Efficiency (%)	33.59	55.2	54.98	55.39	50.24	56.26	52.92	55.09	56.18	51.53	35.9
Average Gain (dB)	-4.74	-2.58	-2.6	-2.57	-2.99	-2.5	-2.76	-2.59	-2.5	-2.88	-4.45

Frequency	5150	5250	5350	5470	5600	5700	5725	5785	5800	5850
E-Total Peak Gain (dBi)	4.69	3.39	3.72	4.37	3.36	4.78	3.67	4.36	4.84	3.56
Efficiency (%)	36.16	36.25	43.91	46.28	43.65	43.24	37.96	40.96	40.51	38.13
Average Gain (dB)	-4.42	-4.41	-3.57	-3.35	-3.6	-3.64	-4.21	-3.88	-3.92	-4.19

Antenna type: FPC

