

Antenna Test Report

Model/ Customer : Qinxin_V1_IPEX1_1.13_0.8PA-L70

Date: 2023年04月15日

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Testing environment

- Antenna characteristics using ETS test system microwave chamber, microwave chamber size 7m x 4m x 3m, test frequency 700 MHz – 6GHz. S11 test using Agilent E5071B network analyzer



Microwave room



Agilent E5071B network analyzer

S p e c i f i c a t i o n

- Antenna Frequency range:
 - **BT 2.4G**

Antenna passive data

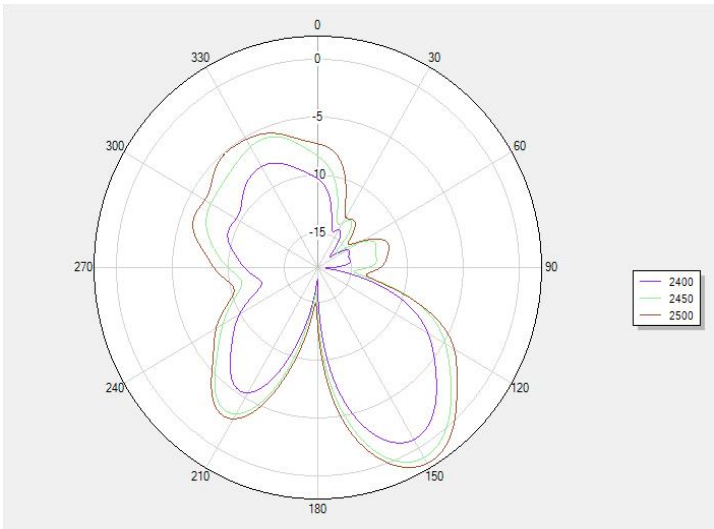
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)
2400	22.83	-6.42	0.39	-1.76	6.412
2410	22.82	-6.42	0.19	-1.96	6.459
2420	22.13	-6.55	-0.15	-2.3	6.316
2430	22.02	-6.57	-0.45	-2.6	6.478
2440	23.2	-6.35	-0.39	-2.54	7.01
2450	25.11	-6	-0.23	-2.38	7.728
2460	28.16	-5.5	0.14	-2.01	8.734
2470	26.7	-5.73	-0.2	-2.35	8.345
2480	27.32	-5.64	-0.2	-2.35	8.779
2490	28	-5.53	-0.22	-2.37	9.332
2500	27.36	-5.63	-0.38	-2.53	9.449
2300.00MHz - 2500.00MHz Gain					

VSWR

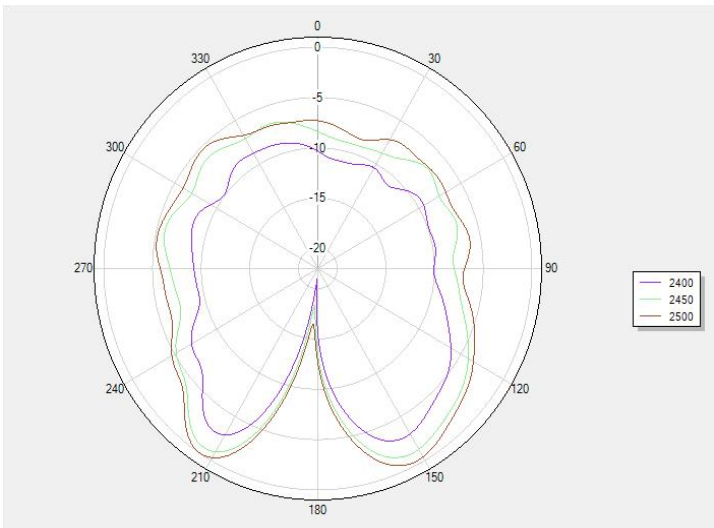


Radiation Pattern

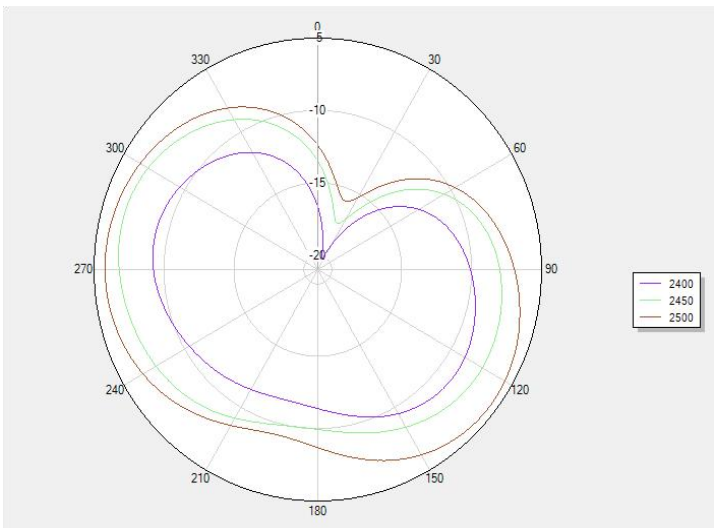
Phi 0 2D



Phi 90 2D



Theta 90 2D



Antenna specifications

