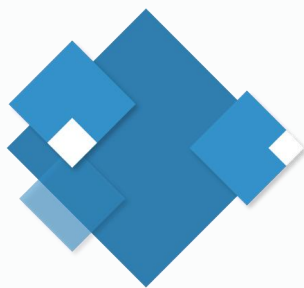


Antenna Test Report

日期: 2023-11-10

版本: A



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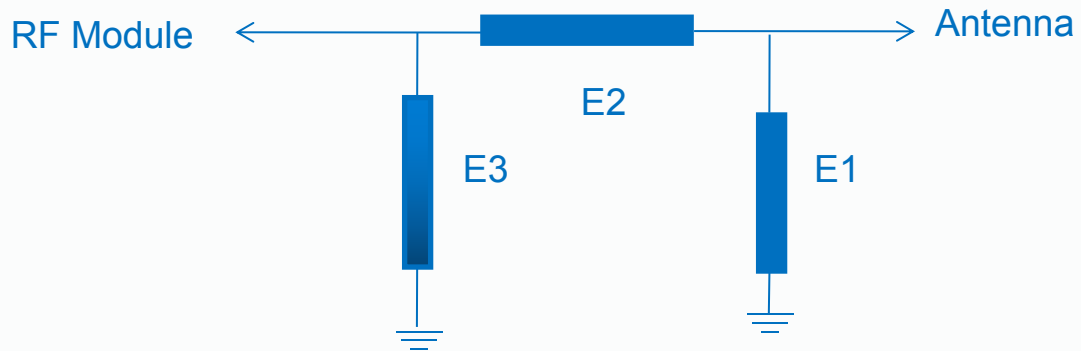
1. Item Information

Customer :	zhu jia bao	Project name :	
Frequency range :	BT	implementation model :	FPC+wire solder

Antenna Photos :



2. Matching Circuit



ELenmet	Value
E1	
E2	0 ohmic resistance
E3	

3. OTA Test Data



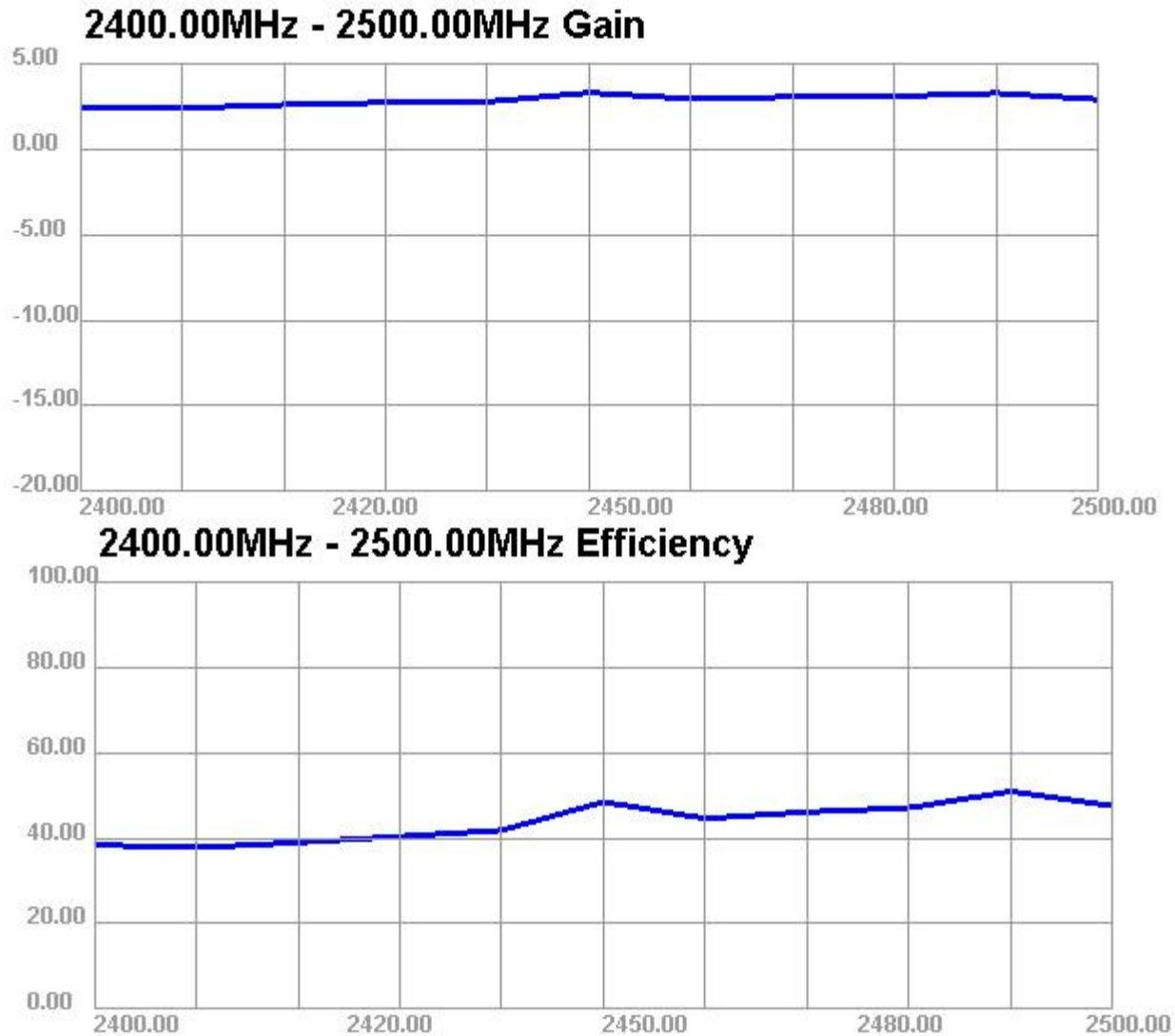
standing wave/ loss

3. OTA Test Data

Passive Test For WIFI2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Directivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	38.43	-4.15	2.45	0.3	23.12	15.31	2.45	-18.01	6.6	0	44.84	44.84
2410	37.8	-4.23	2.39	0.24	22.495	15.304	2.39	-18.67	6.61	0	44.66	44.69
2420	39	-4.09	2.59	0.44	22.902	16.094	2.59	-17.82	6.68	90	44.72	44.78
2430	40.41	-3.93	2.72	0.57	23.361	17.053	2.72	-16.91	6.66	90	44.84	44.86
2440	41.86	-3.78	2.77	0.62	23.885	17.977	2.77	-16.76	6.55	150	45.45	45.45
2450	48.48	-3.14	3.29	1.14	27.22	21.262	3.29	-17.69	6.44	150	46.03	46.01
2460	44.63	-3.5	2.94	0.79	24.902	19.727	2.94	-19.4	6.45	150	45.82	45.88
2470	46.14	-3.36	3.05	0.9	25.325	20.813	3.05	-19.15	6.41	180	45.5	45.57
2480	47.11	-3.27	3.08	0.93	25.505	21.605	3.08	-17.85	6.35	90	45.36	45.41
2490	50.94	-2.93	3.26	1.11	27.142	23.799	3.26	-16.42	6.19	90	45.44	45.48
2500	47.58	-3.23	2.9	0.75	24.957	22.622	2.9	-17.2	6.13	90	45.28	45.34

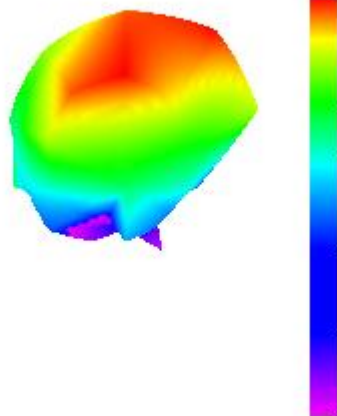
efficiency /gain

3. OTA Test Data

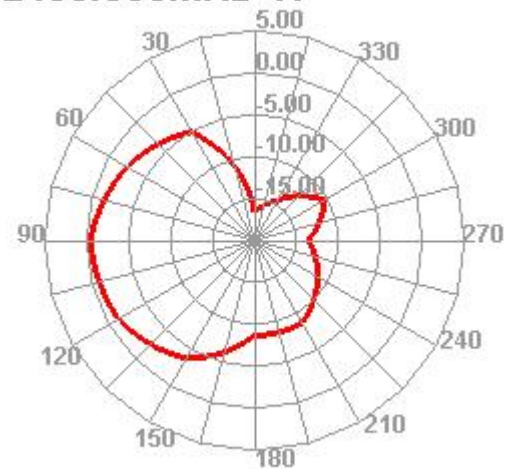


3. OTA Test Data

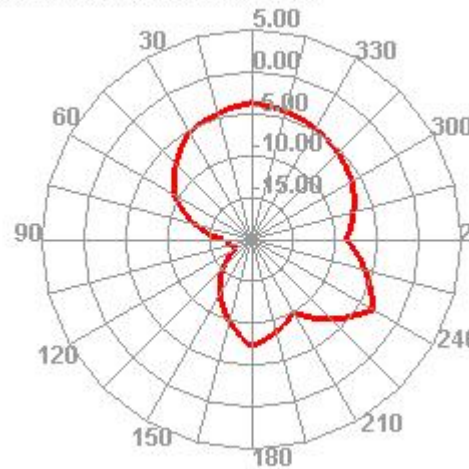
2400.000MHz



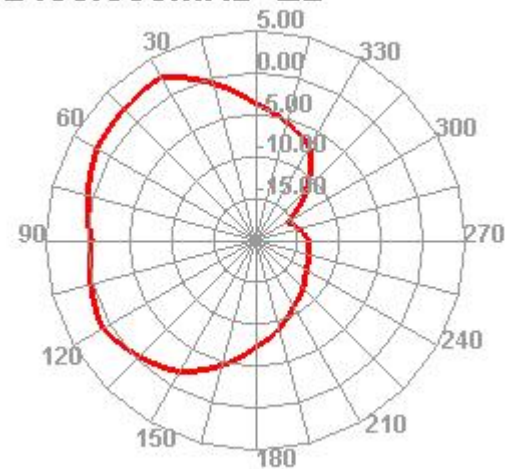
2400.000MHz H



2400.000MHz E1

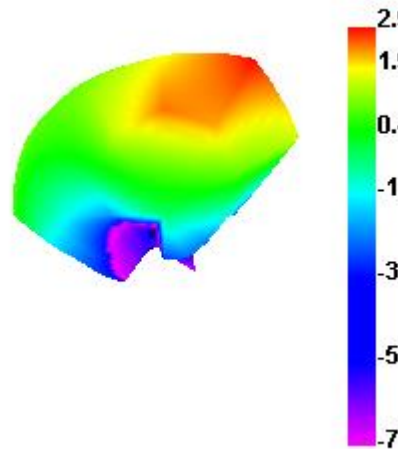


2400.000MHz E2

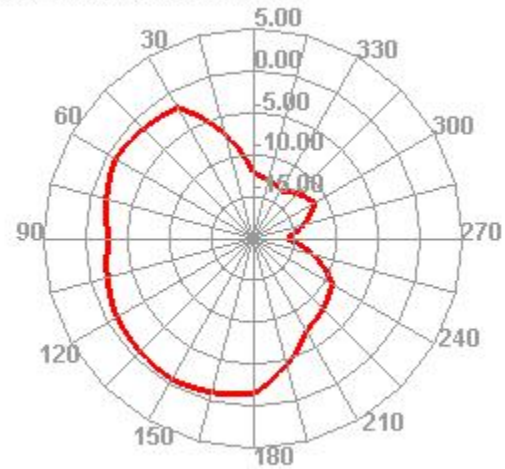


3. OTA Test Data

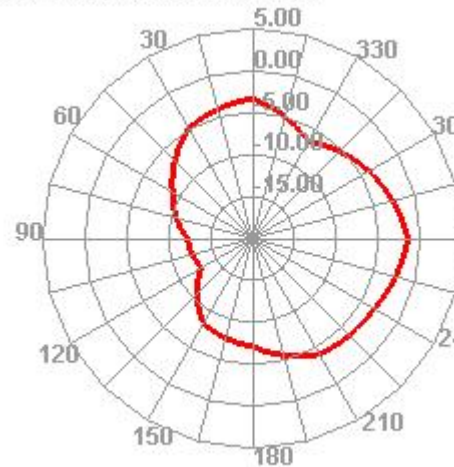
2500.000MHz



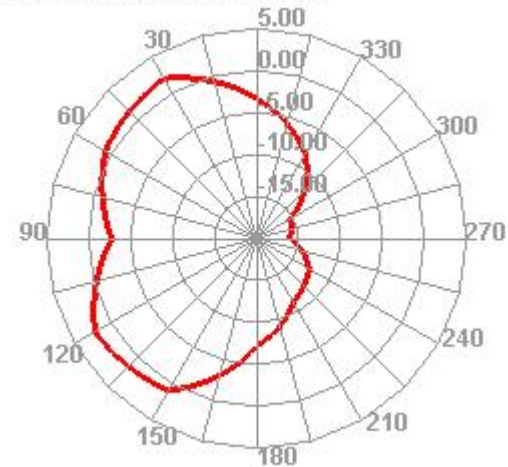
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



4. Environmental treatment

Antenna position diagram

