Antenna Test Report

Manufacturer：ZHUHAI JIELI TECHNOLOGY CO.， LTD.

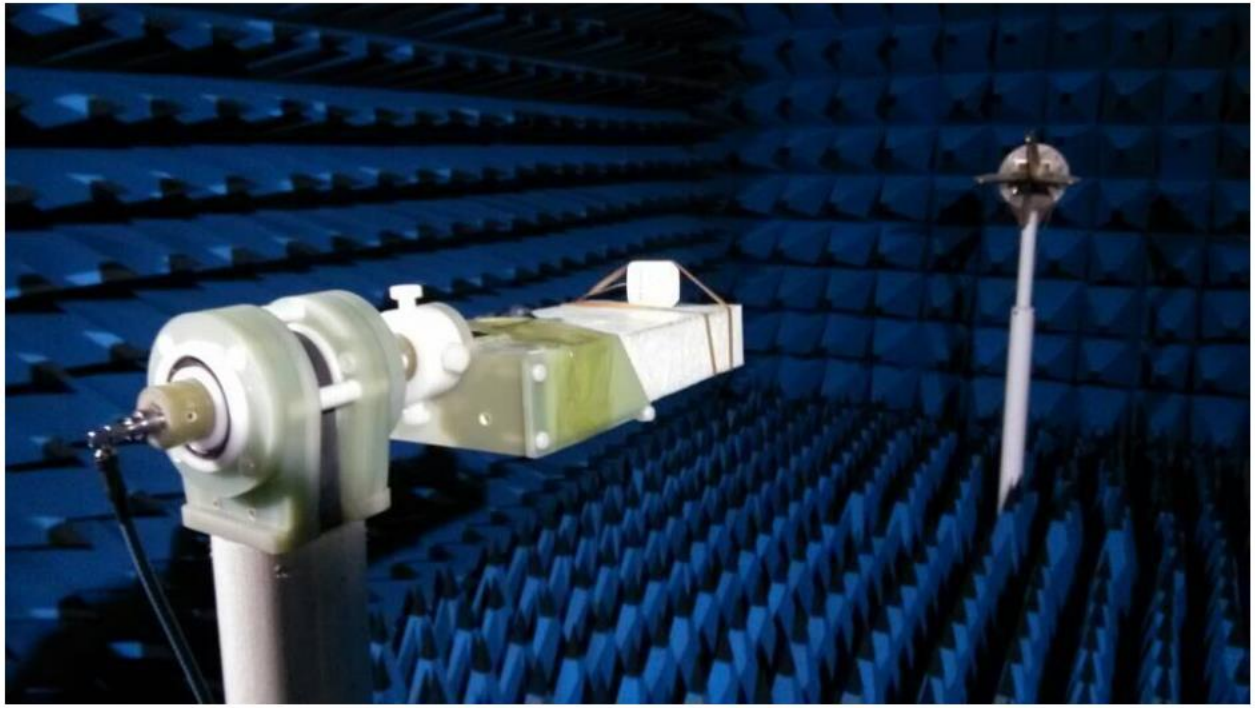
Address： 333 Kexing Rd, Xiangzhou District, Zhuhai City, Guangdong Province, China (Home to Zhuhai Jieli Technology Co., Ltd.)

Project: P84

Antenna Band：2.4G

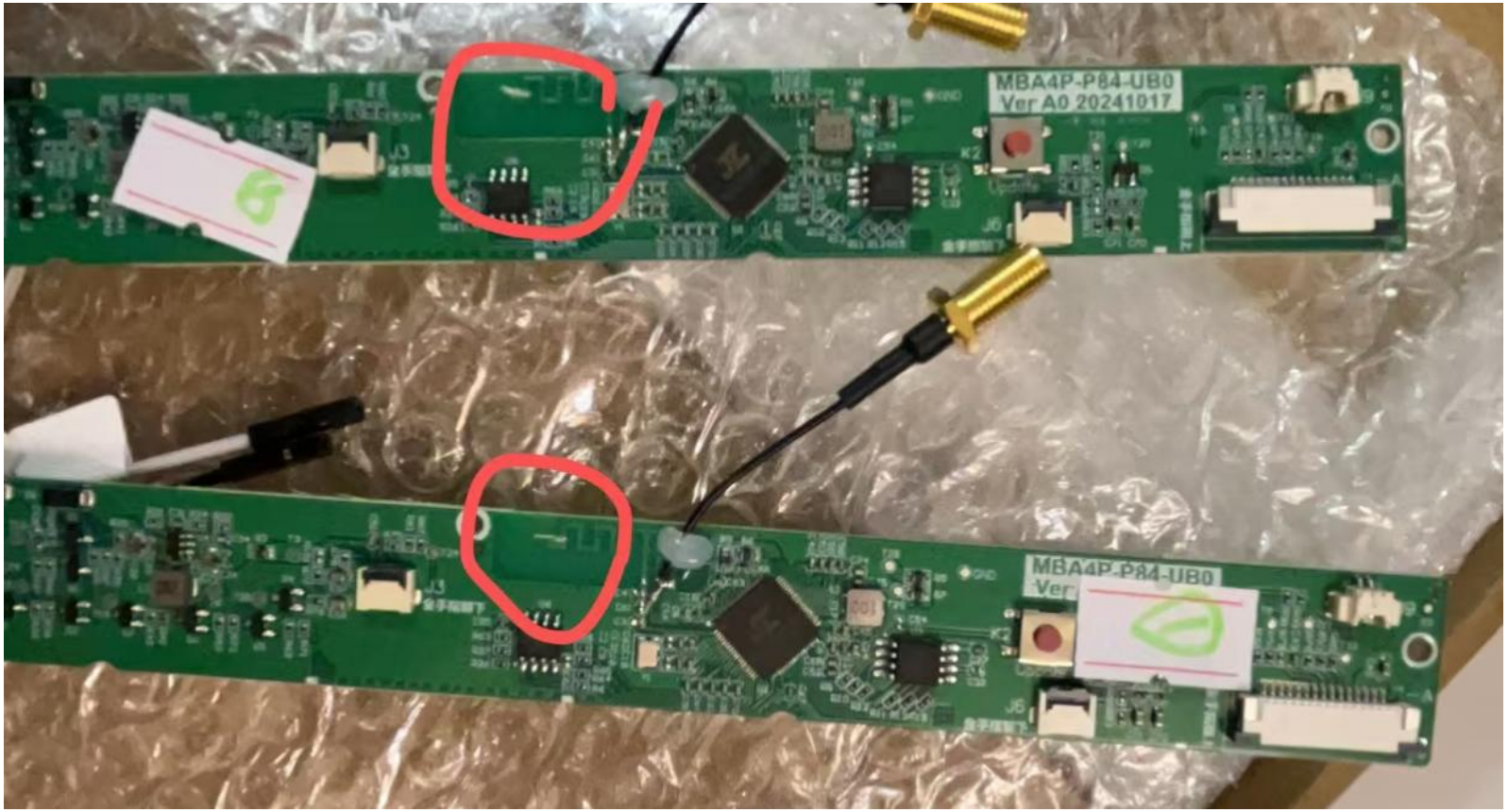
Data: 2024/12/26

Antenna Test Environment:



Antenna Test ：

Antenna Photo:
Series high-frequency inductors 1.5nH



Application Information

Application Information	
O4Version	5.244.350
TotalTime	3m 13s 239ms
AdditionalInfor	NULL

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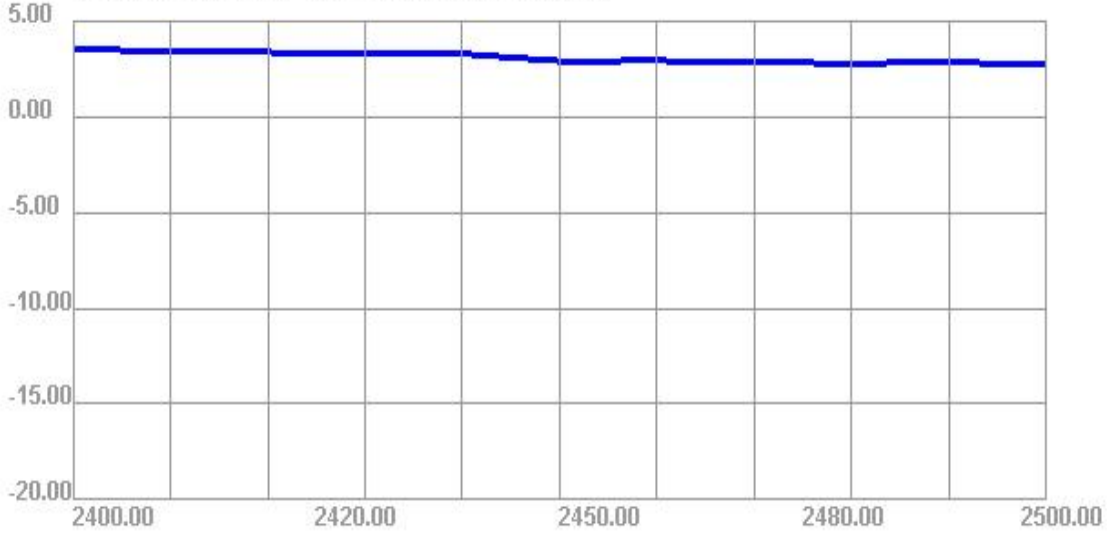
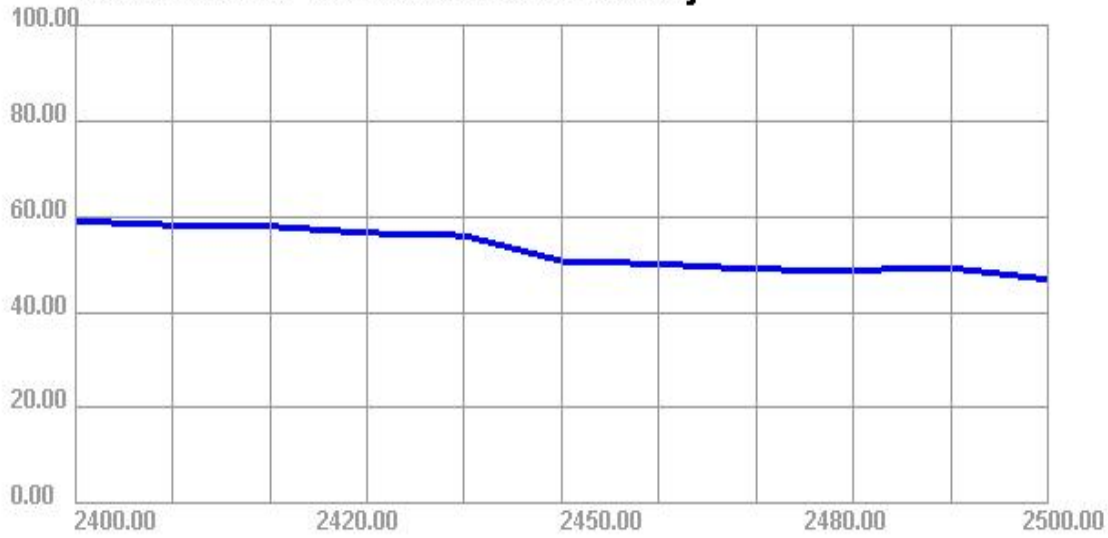
Text Data:

Passive Test For WIFI2.4												
Freq	Effi	Effi	Gain	Gain	UHIS	DHIS	Max	Min	Directivity	Beamwidth	AttH	AttV
(MHz)	(%)	(dB)	(dBi)	(dBd)	(%)	(%)	(dB)	(dB)	(dBi)	(3dB)	(dB)	(dB)
2400	59.05	-2.29	3.54	1.39	37.618	21.428	3.54	-12.78	5.83	0	45.51	45.06
2410	58.2	-2.35	3.41	1.26	36.866	21.331	3.41	-13.13	5.76	0	45.14	44.7
2420	57.97	-2.37	3.37	1.22	36.463	21.506	3.37	-13.34	5.74	0	45.67	45.27
2430	56.58	-2.47	3.27	1.12	35.463	21.117	3.27	-14.25	5.75	0	45.28	44.87
2440	56.01	-2.52	3.29	1.14	35.023	20.984	3.29	-15.49	5.81	0	45.75	45.35
2450	50.7	-2.95	2.91	0.76	31.733	18.963	2.91	-17.23	5.86	0	45.36	44.92
2460	50.1	-3	2.93	0.78	31.426	18.676	2.93	-18.56	5.93	0	45.39	44.93
2470	48.97	-3.1	2.85	0.7	30.787	18.188	2.85	-18.22	5.95	0	45.43	44.94
2480	48.83	-3.11	2.78	0.63	30.614	18.212	2.78	-18.16	5.89	0	45.48	45
2490	49.22	-3.08	2.86	0.71	30.763	18.459	2.86	-18.21	5.94	0	45.64	45.23
2500	46.86	-3.29	2.7	0.55	29.184	17.675	2.7	-18.82	5.99	0	45.93	45.51

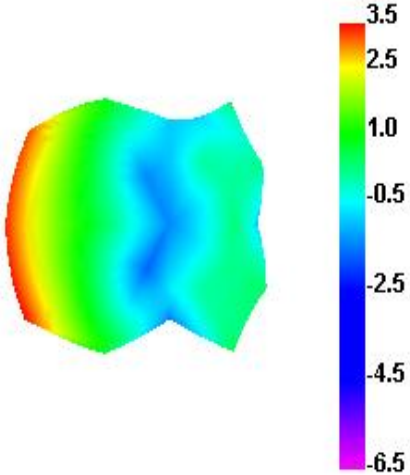
2400.00MHz - 2500.00MHz Gain



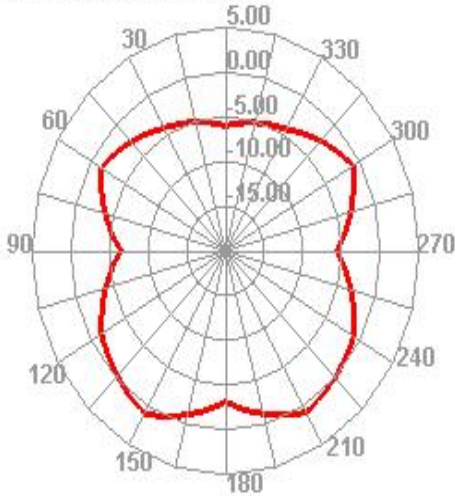
2400.00MHz - 2500.00MHz Efficiency



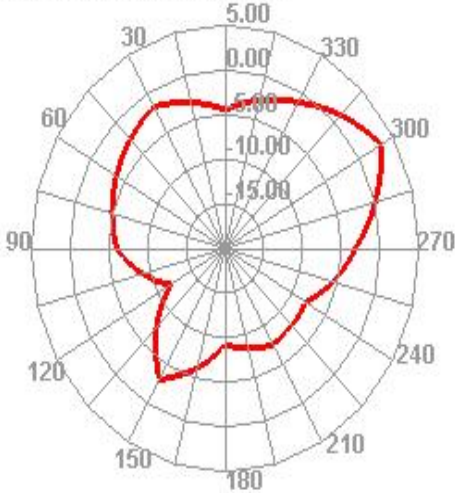
2400.000MHz



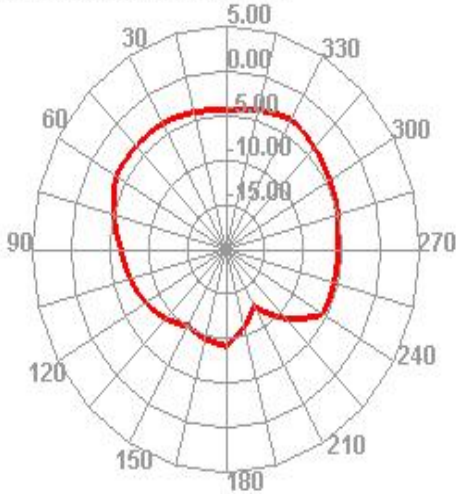
2400.000MHz H



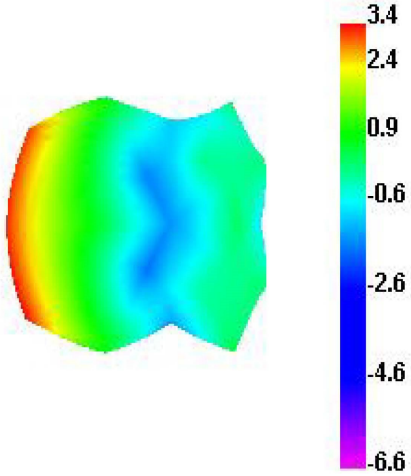
2400.000MHz E1



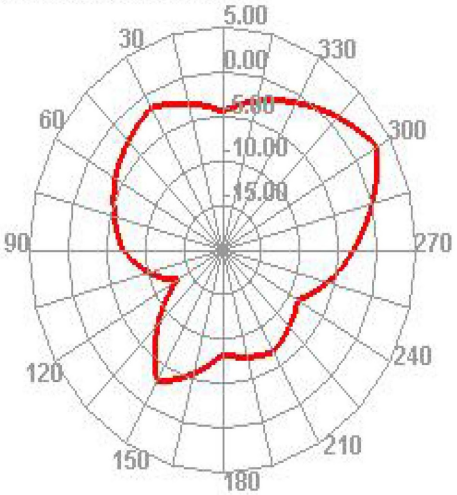
2400.000MHz E2



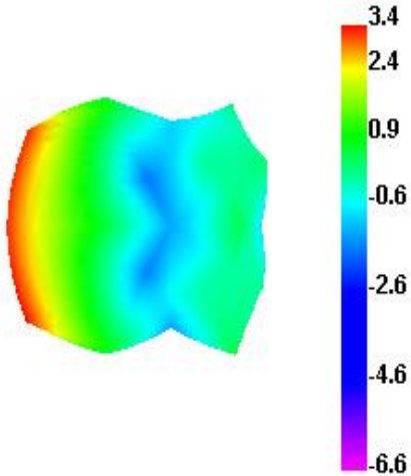
2410.000MHz



2410.000MHz H



2420.000MHz



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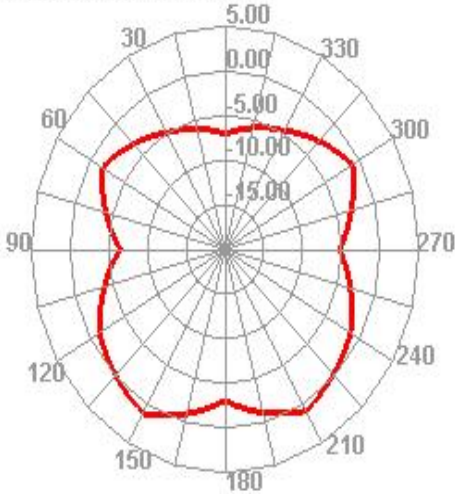
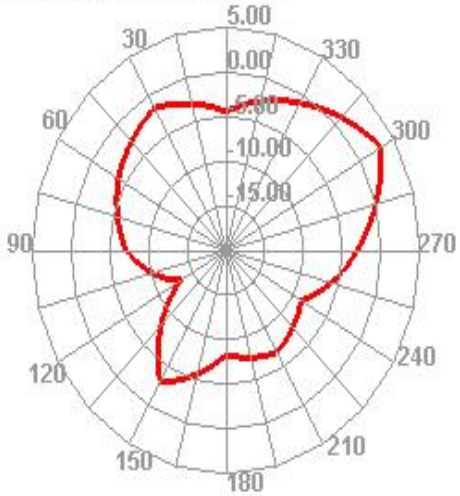
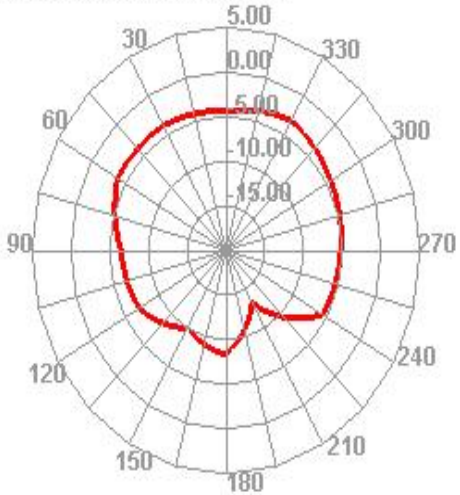


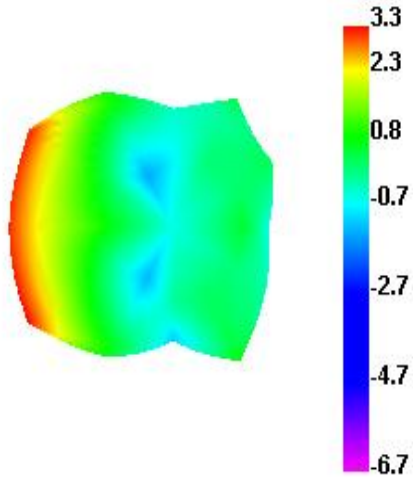
2420.000MHz E1



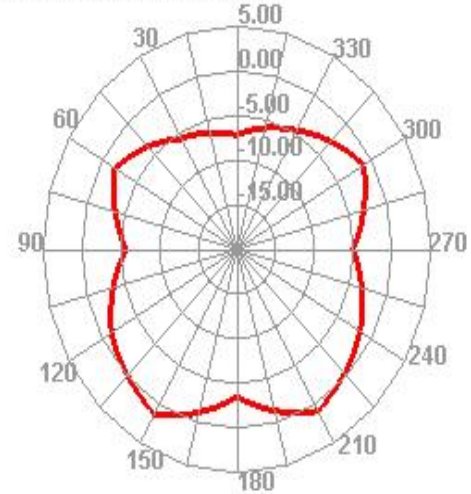
2420.000MHz E2



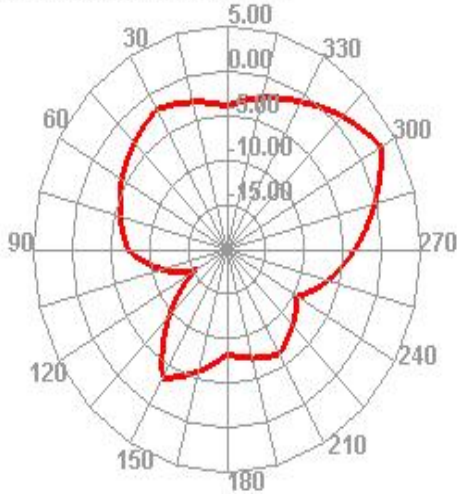
2440.000MHz



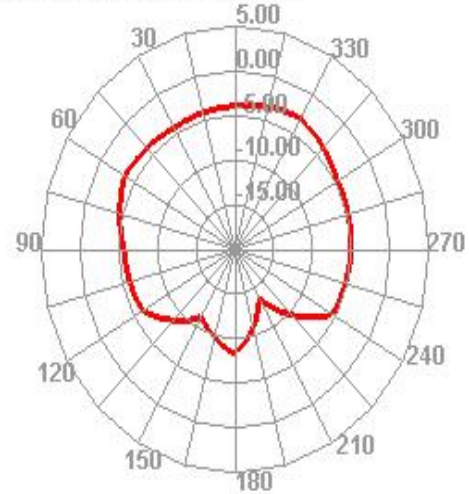
2440.000MHz H



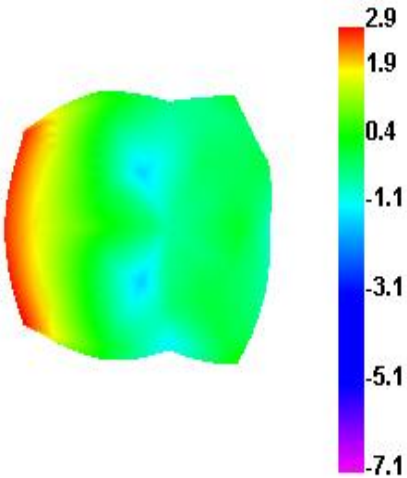
2440.000MHz E1



2440.000MHz E2



2450.000MHz



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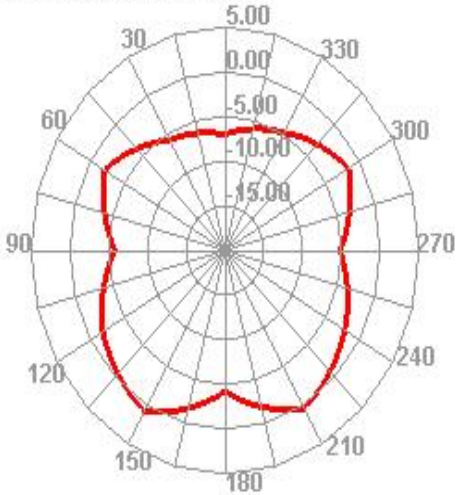
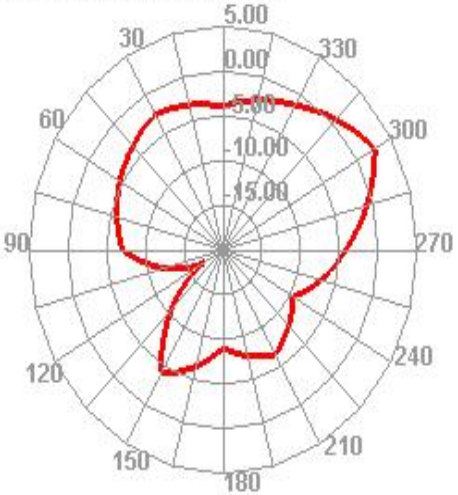


2450.000MHz E1



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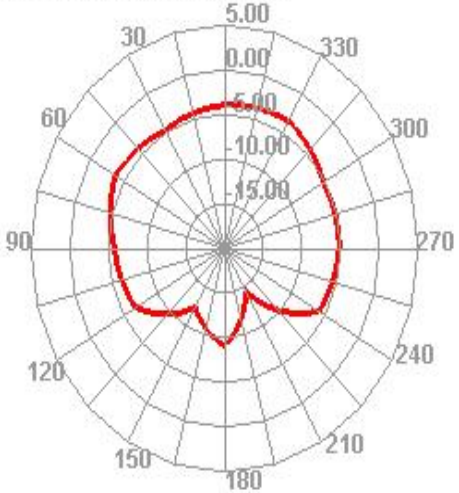
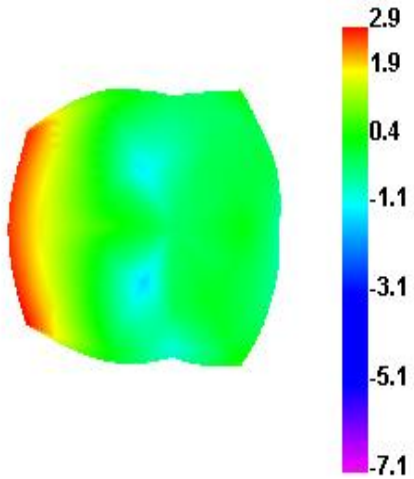


2460.000MHz



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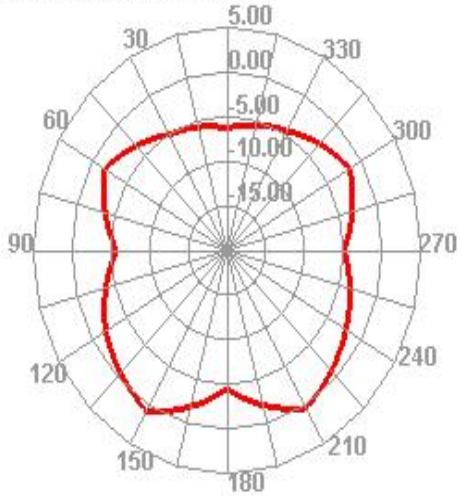
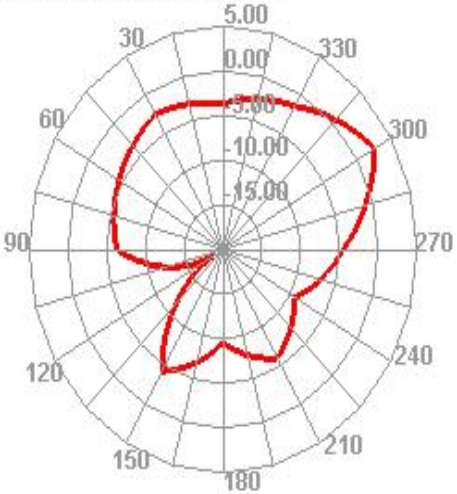


2460.000MHz E1



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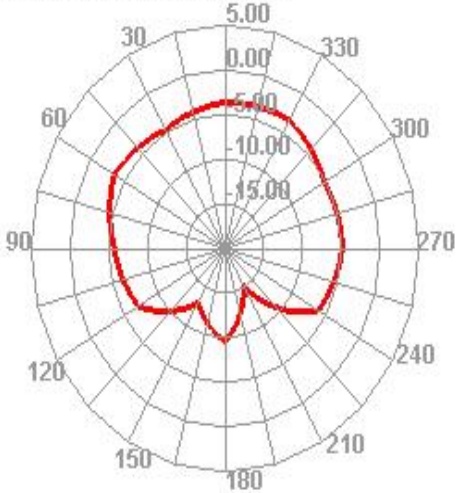
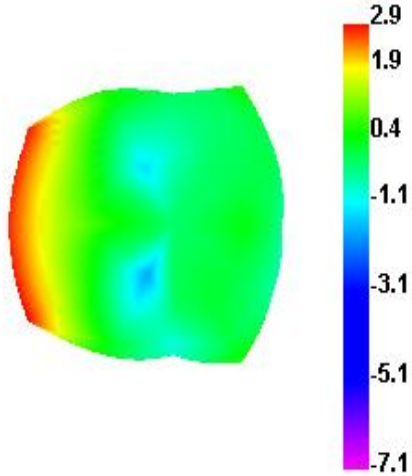
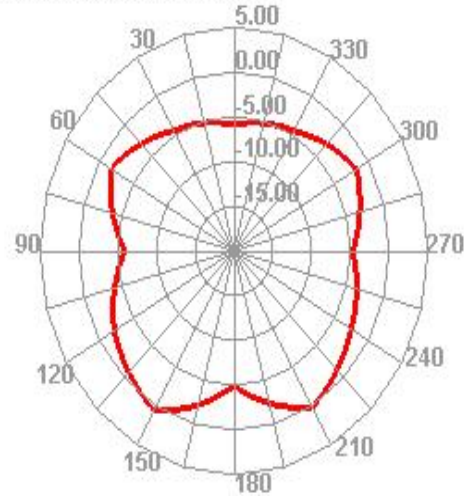


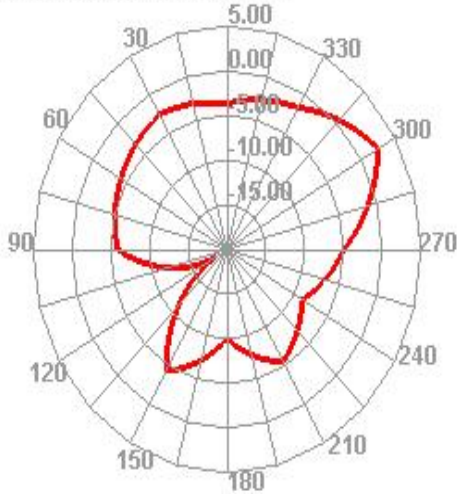
2470.000MHz



2470.000MHz H



2470.000MHz E1



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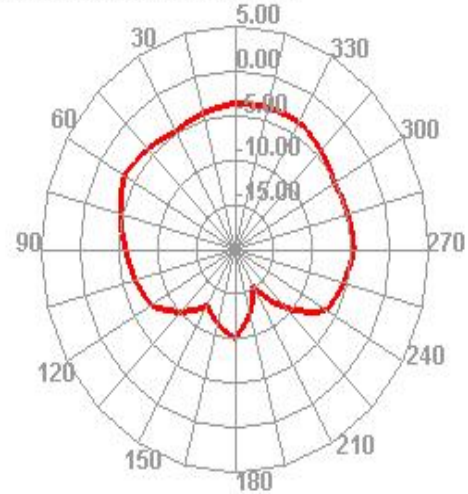
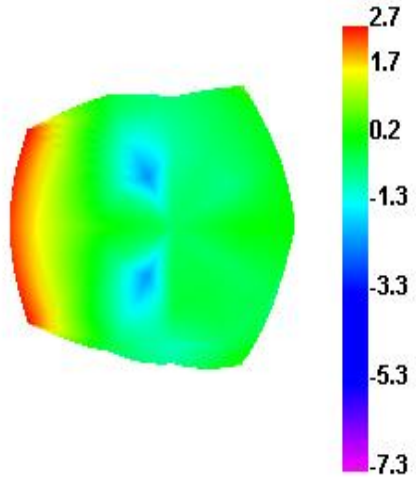
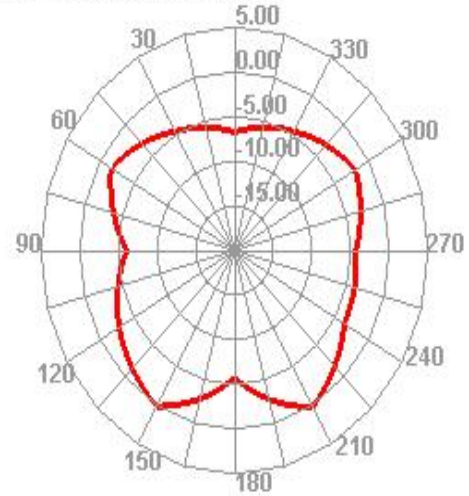


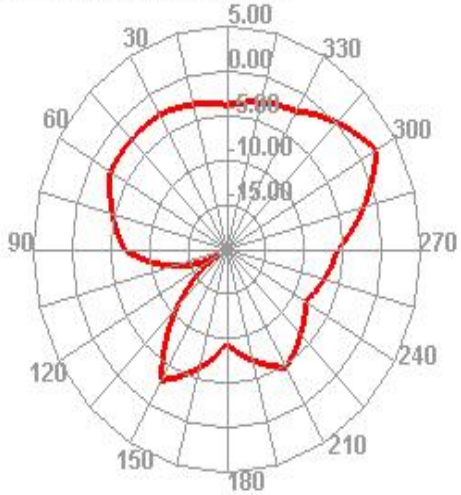
2500.000MHz



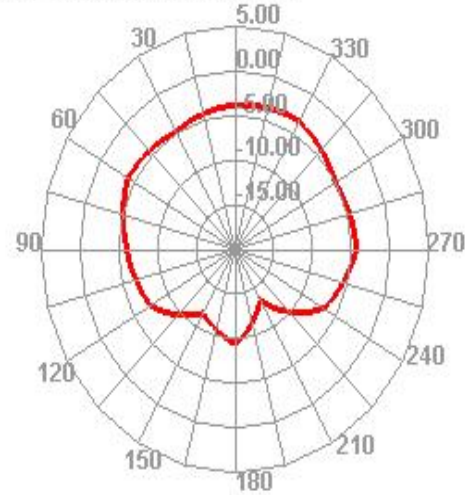
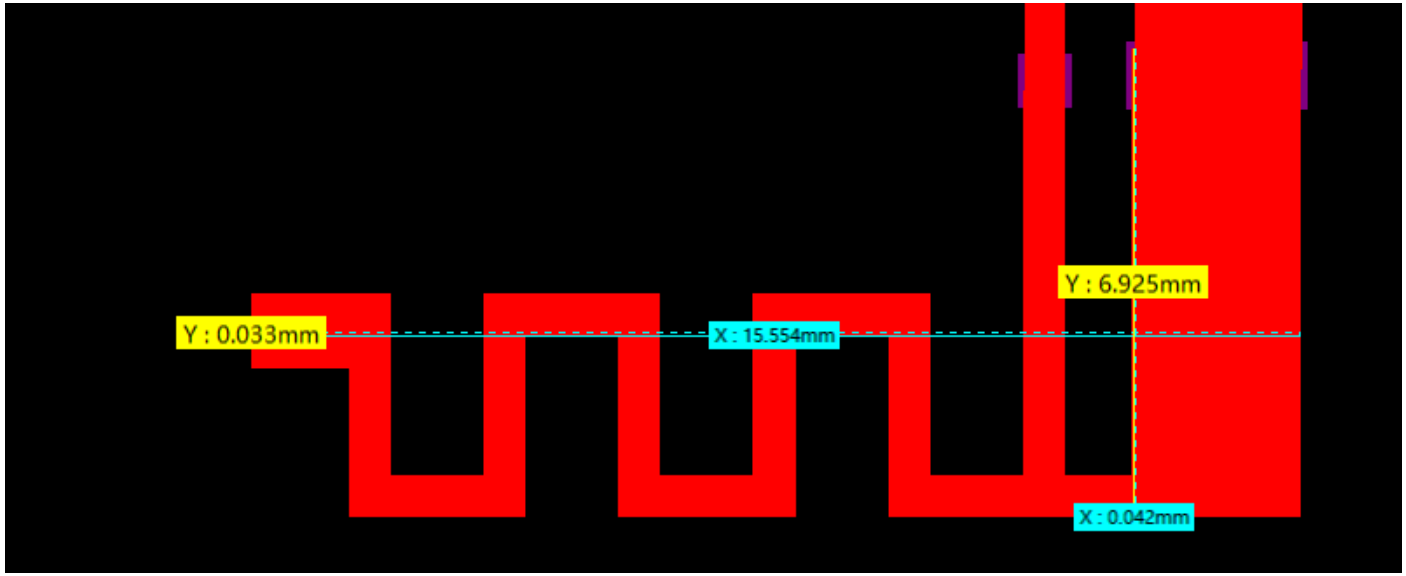
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



Antenna Size