

Dong Guan Jin Yu Sheng Technology Co. Ltd

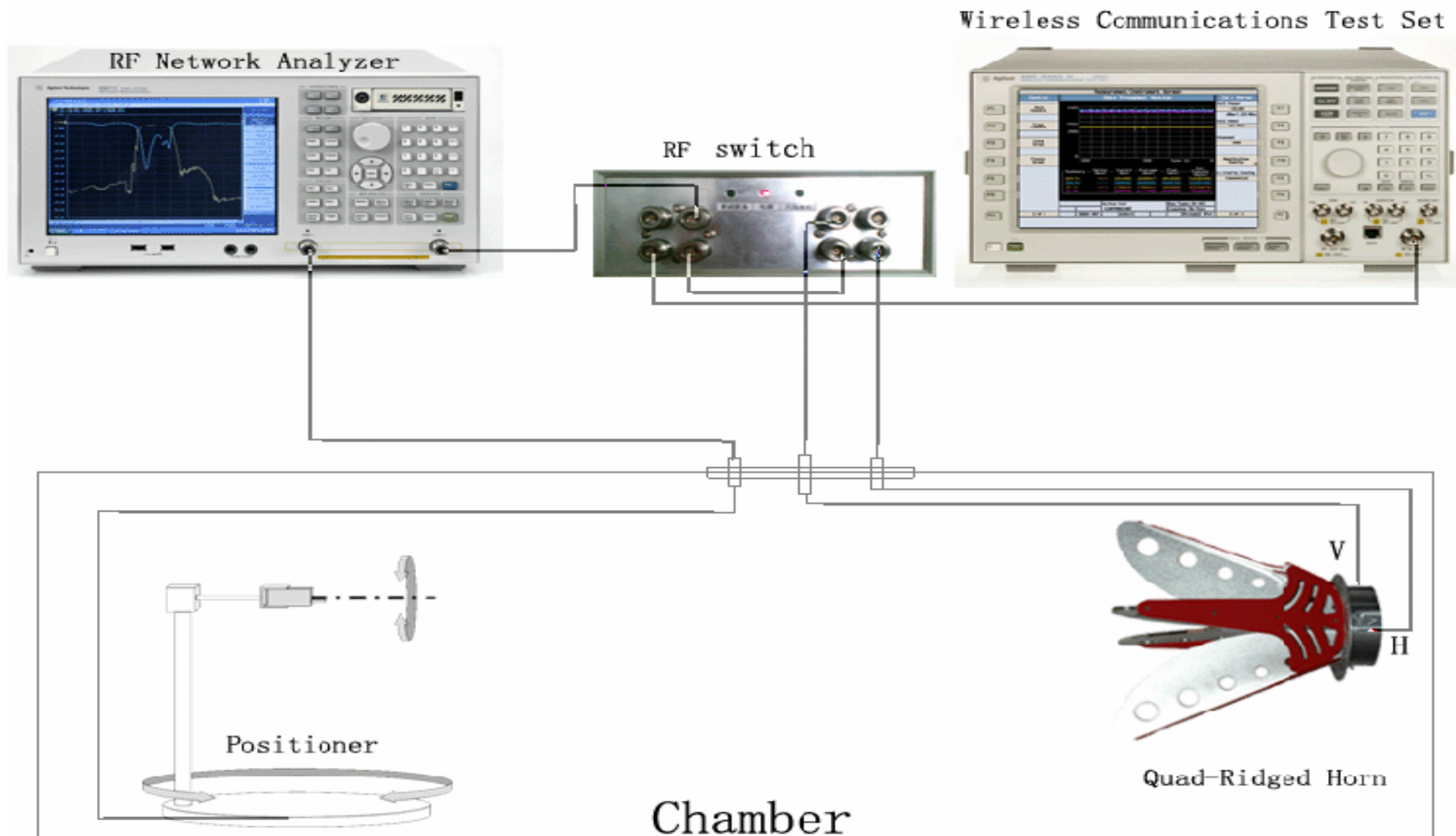
Antenna Evaluation Report

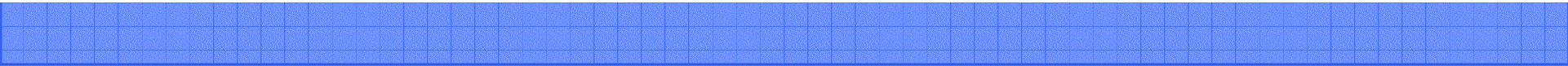
Customer:	Latitude	Project:	MKT25006-BT (TG6XL)	Date:	2025.6.4
Frequency Range:	2.4G-2.48G				
Report Ver.	V1.0				
Ant.Type	Soldered Copper				

地址：东莞市凤岗镇油甘埔水背环工业二路15号

FAX: 0769-87779058 TEL: 0769-87779068

Testing System / Setup

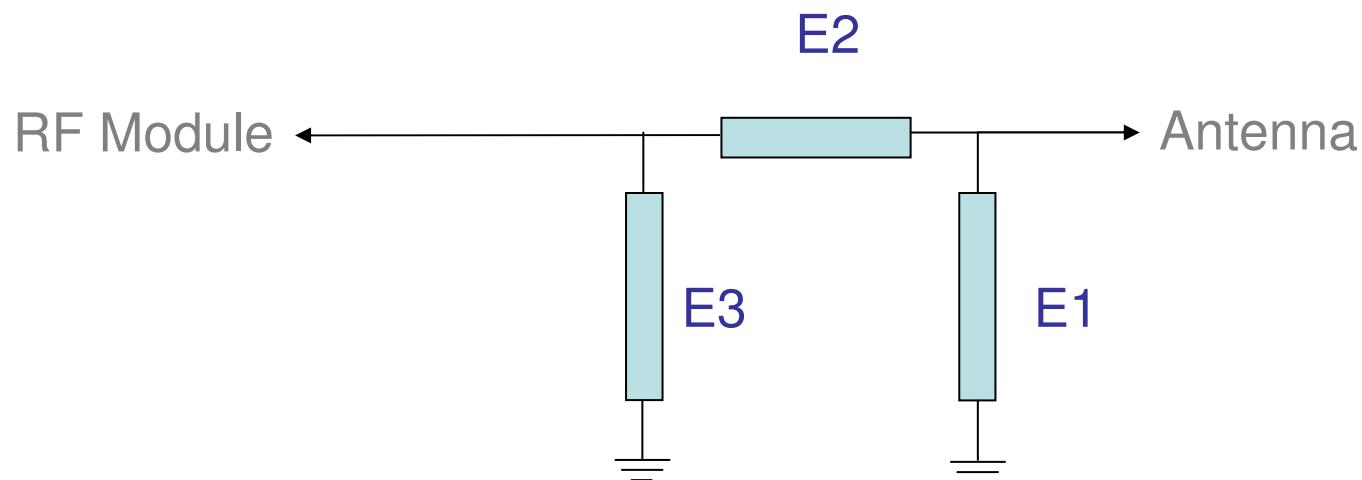




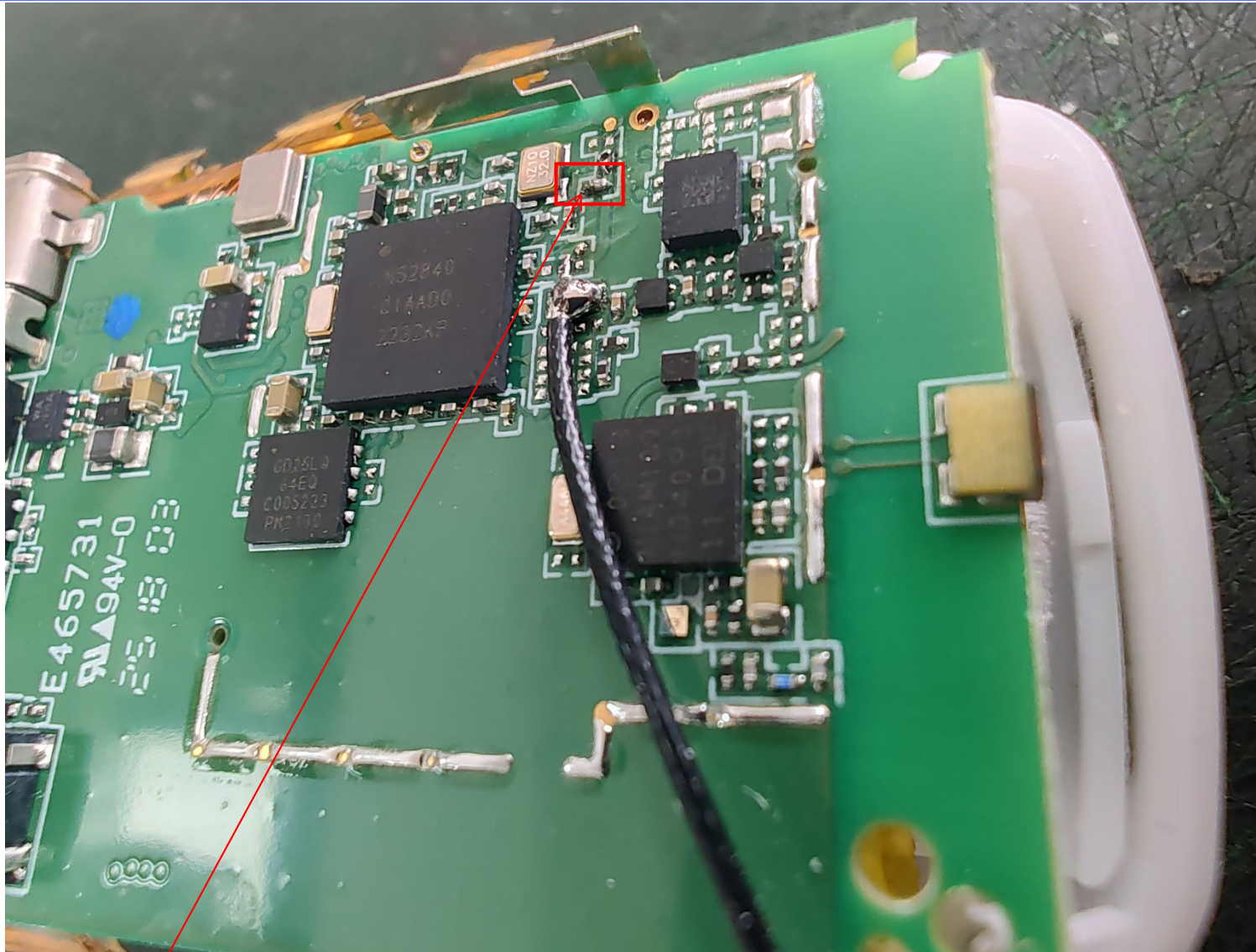
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1. Matching Circuit



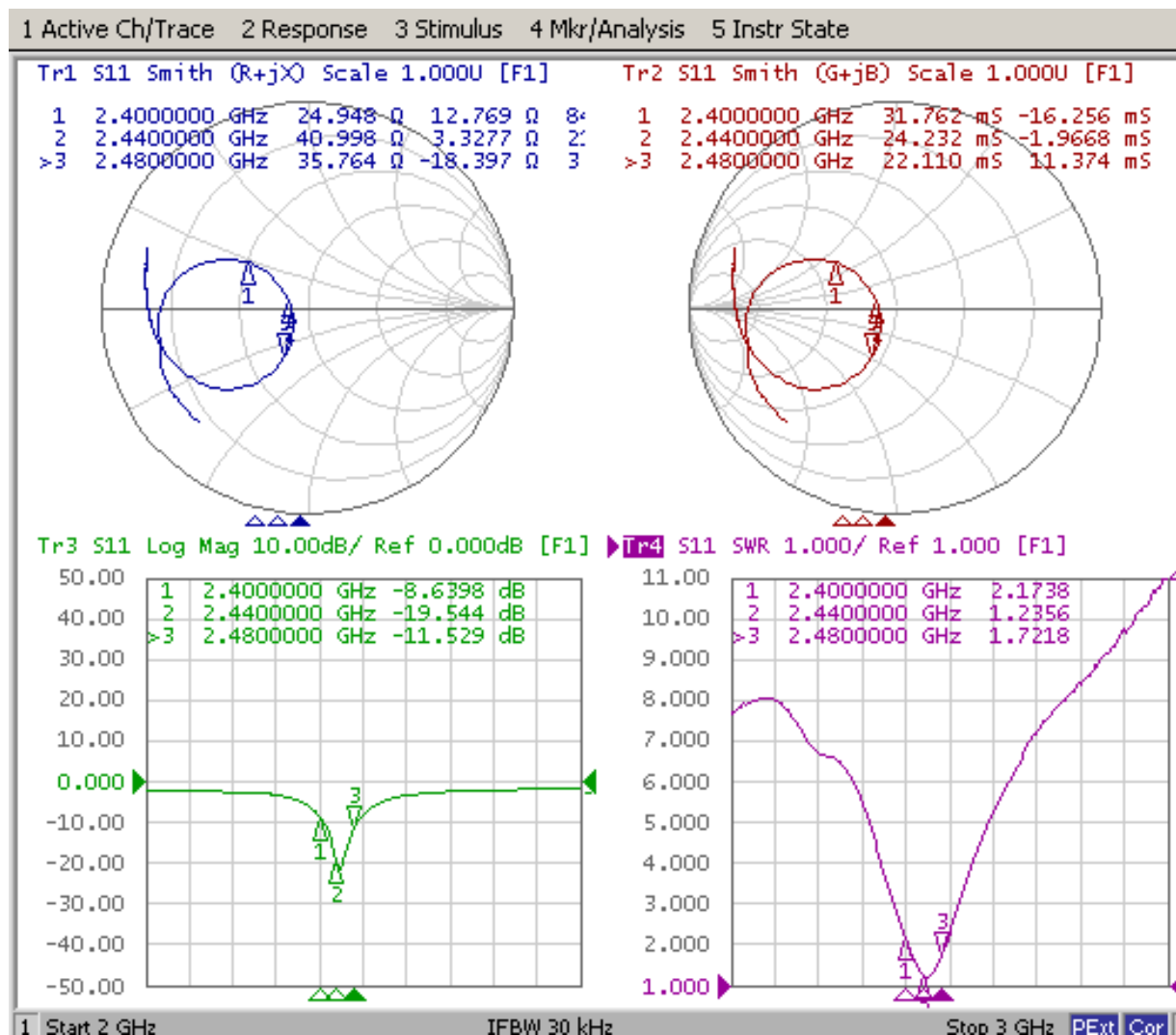
Element	Value
E1(0201)	NC
E2(0201)	0R
E3(0201)	2.4pF(GRM0335C1H2R4BA01D)



2.4pF (MURATA: GRM0335C1H2R4BA01D)

2. Passive Test Result

2.1 S11 Parameter

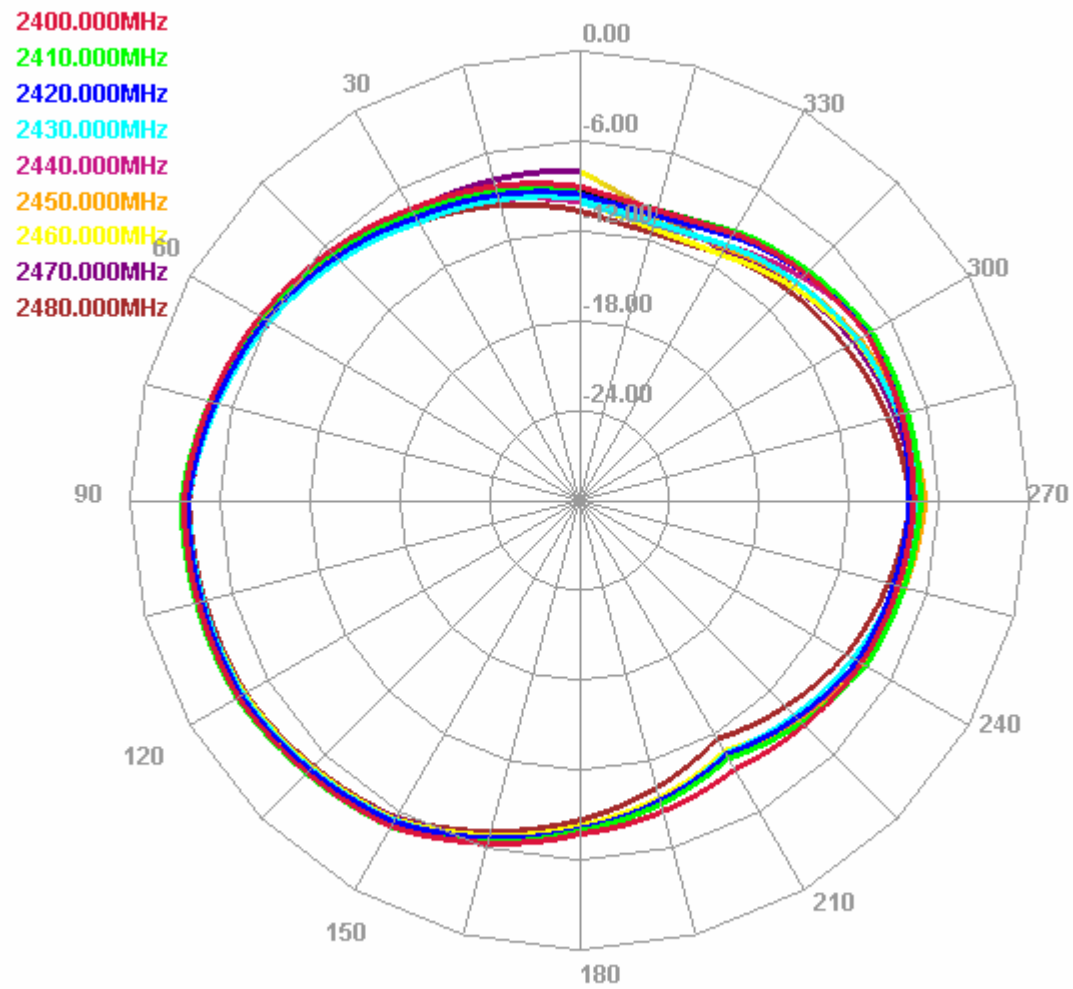


2.2 Gain & Efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	19.18	-7.17	-3.6
2410	20.28	-6.93	-3.42
2420	19.37	-7.13	-3.67
2430	19.68	-7.06	-3.18
2440	20.61	-6.86	-3.02
2450	22.29	-6.52	-2.53
2460	20.99	-6.78	-2.82
2470	21.23	-6.73	-2.57
2480	19.64	-7.07	-2.93

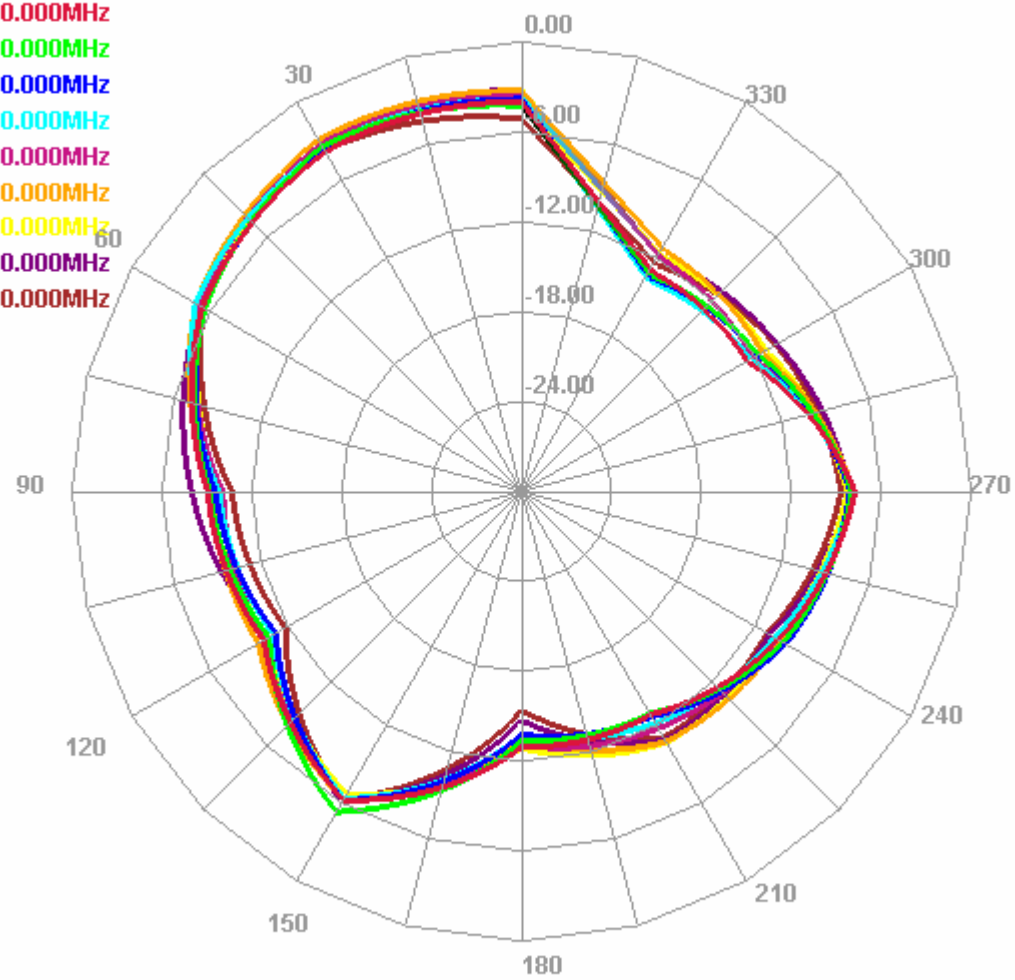
2.3 Radiation Pattern

Horizontal



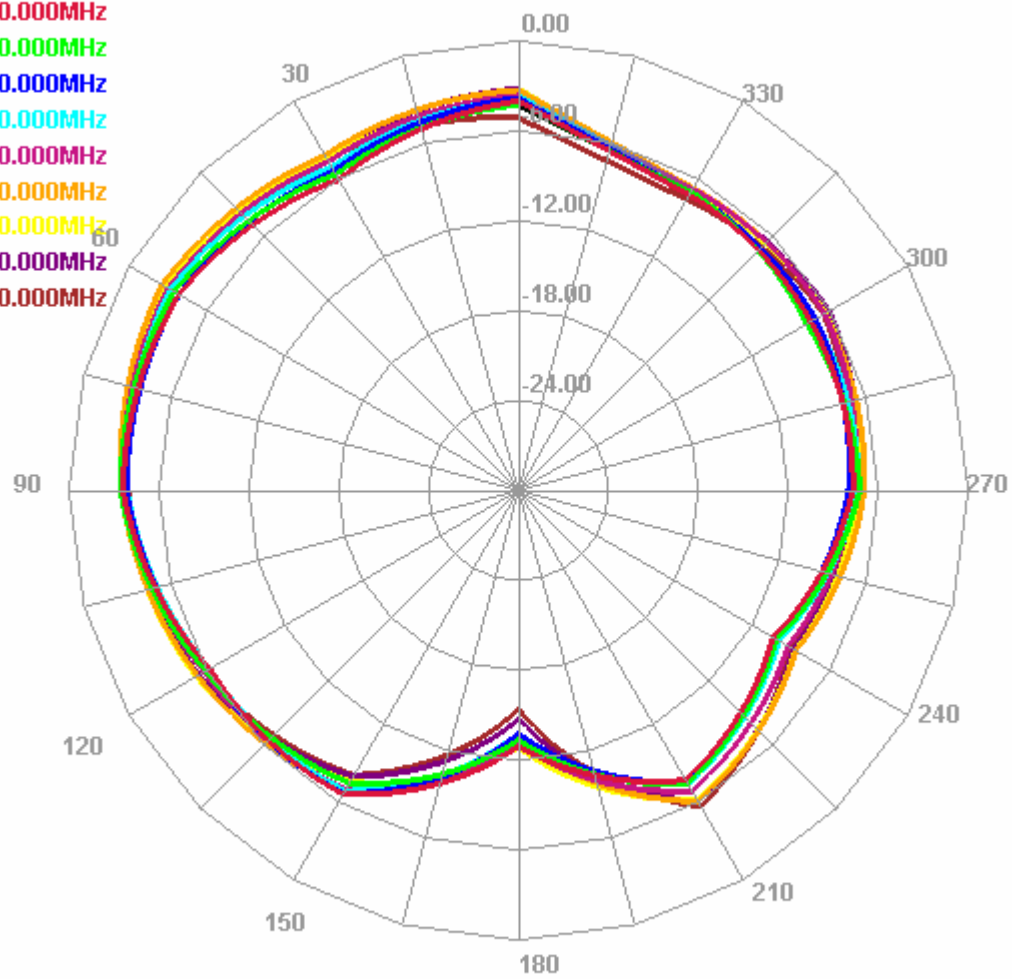
E1 Face

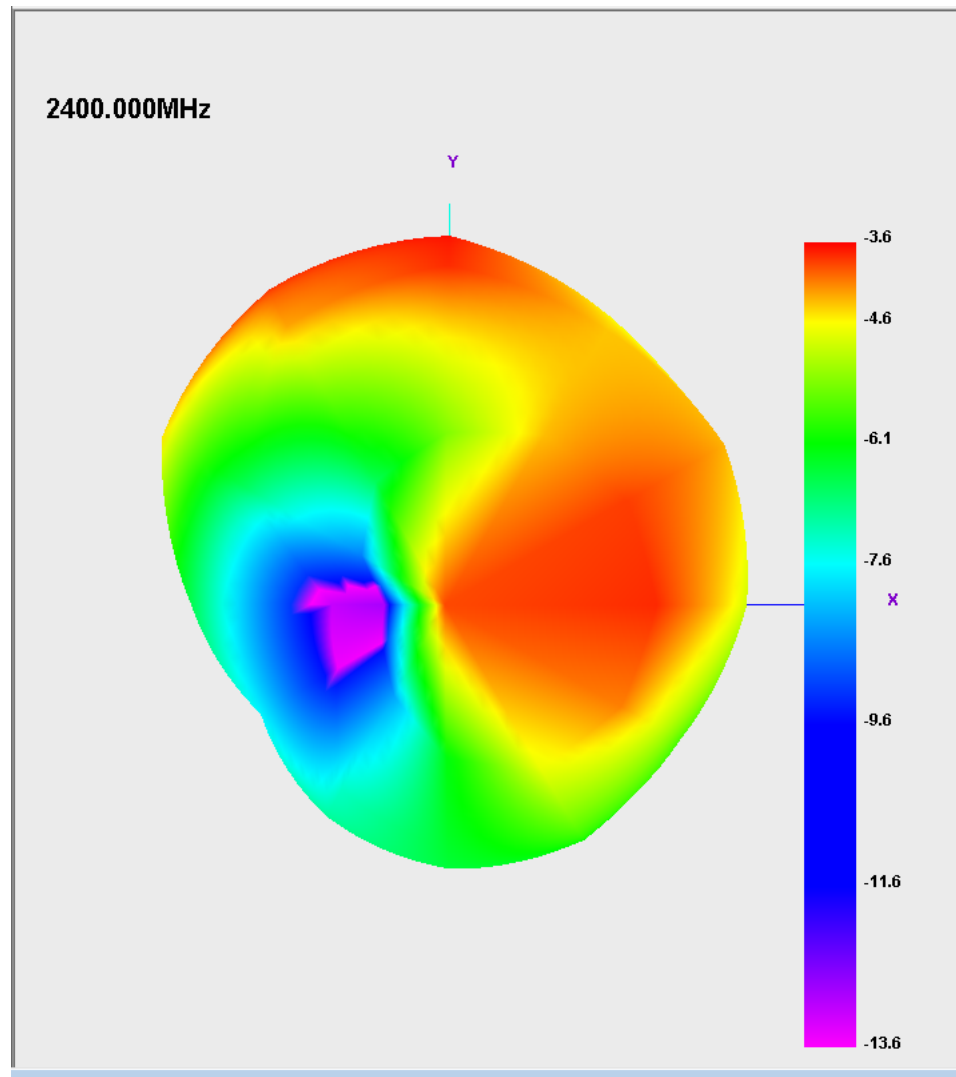
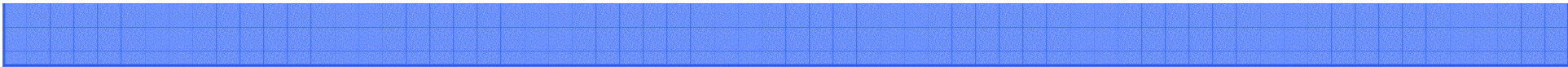
2400.000MHz
2410.000MHz
2420.000MHz
2430.000MHz
2440.000MHz
2450.000MHz
2460.000MHz
2470.000MHz
2480.000MHz

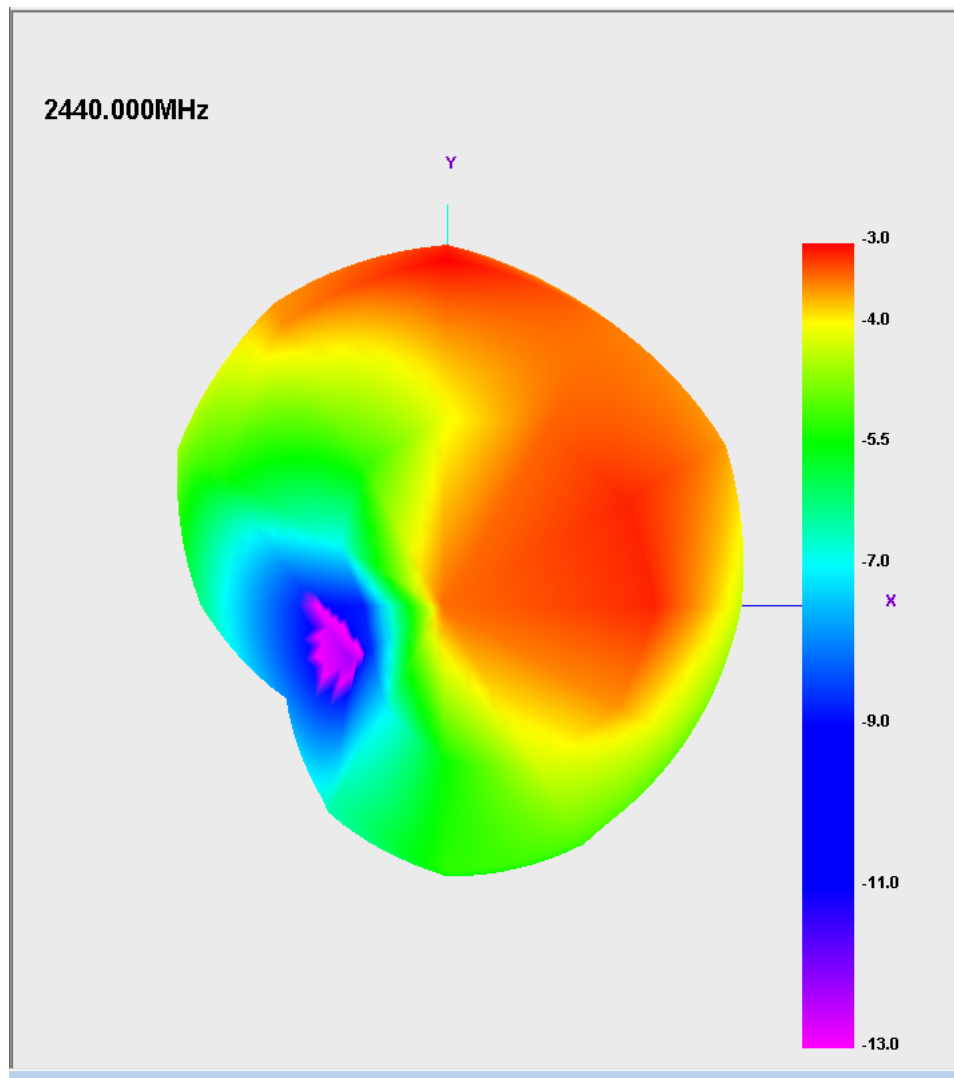


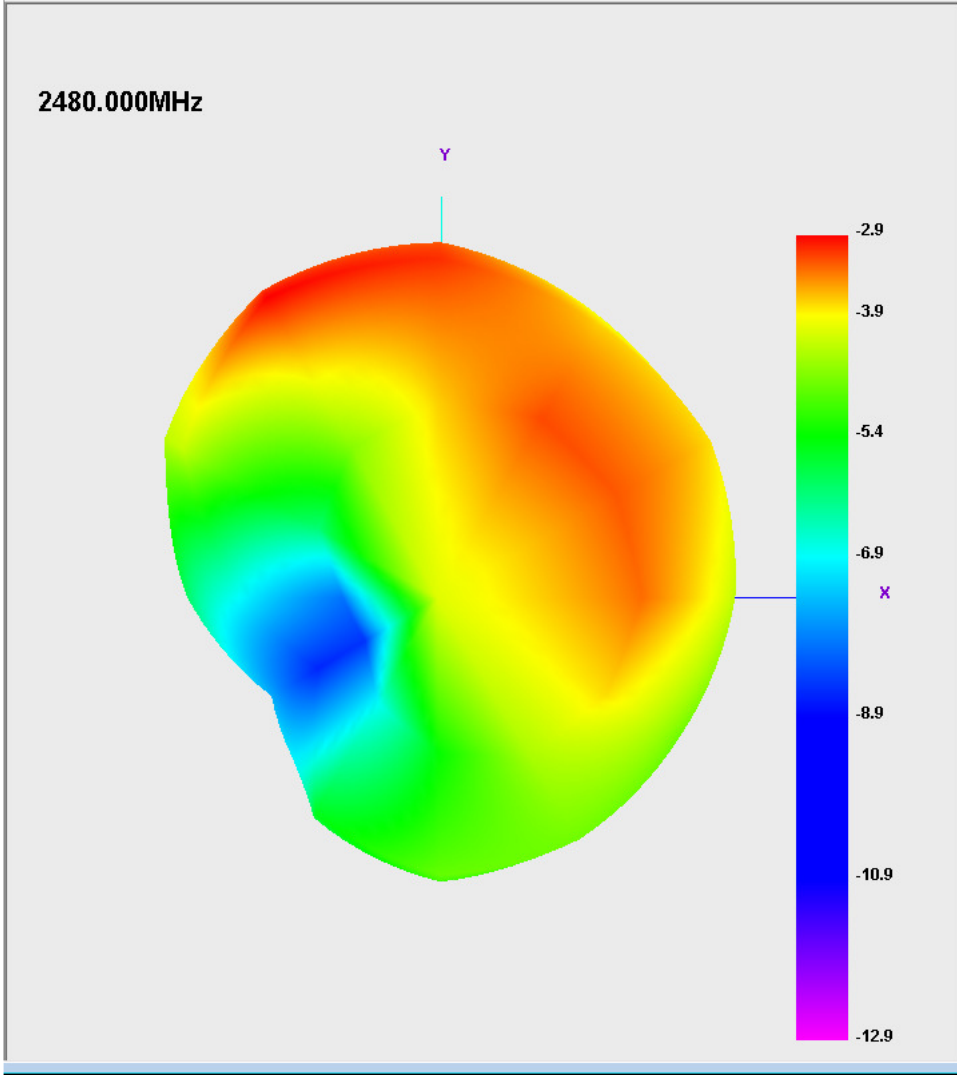
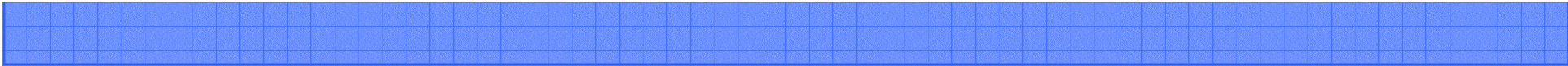
E2 Face

2400.000MHz
2410.000MHz
2420.000MHz
2430.000MHz
2440.000MHz
2450.000MHz
2460.000MHz
2470.000MHz
2480.000MHz









3. Chamber Set (DUT)

