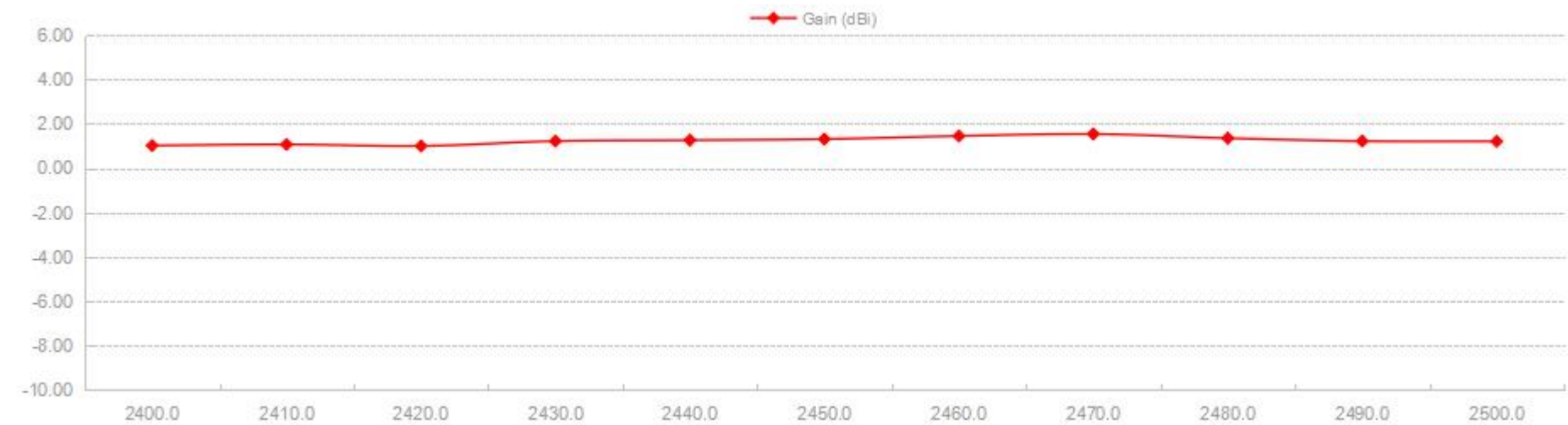
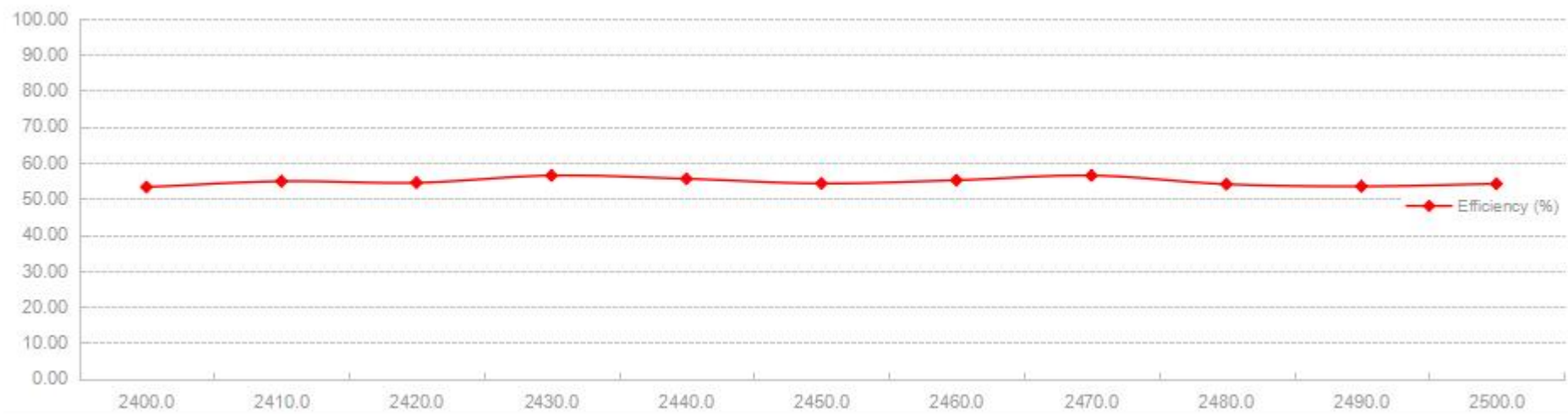
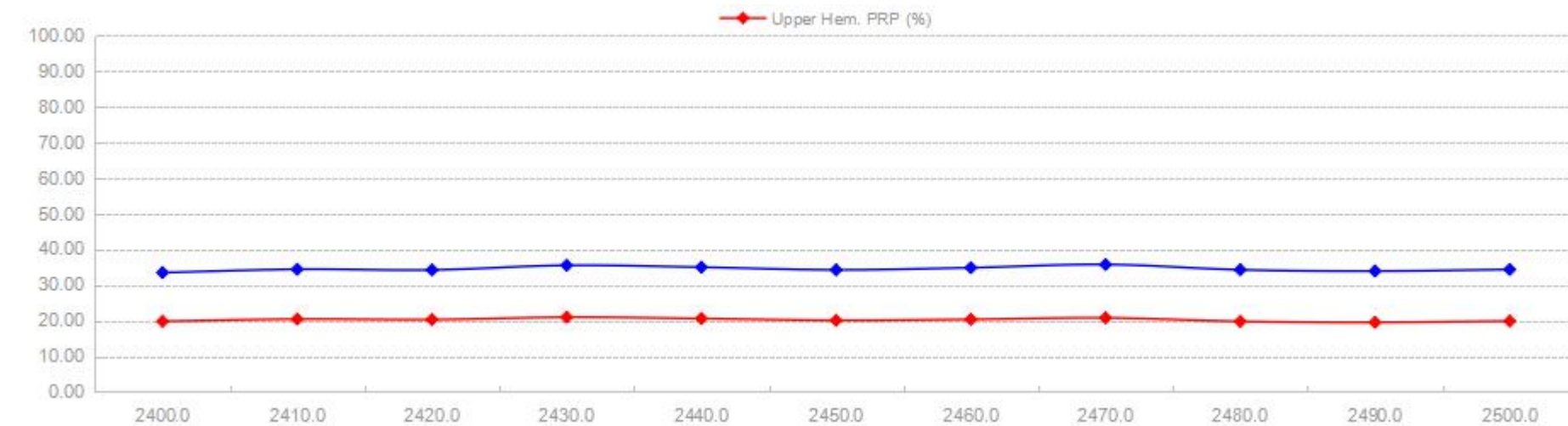
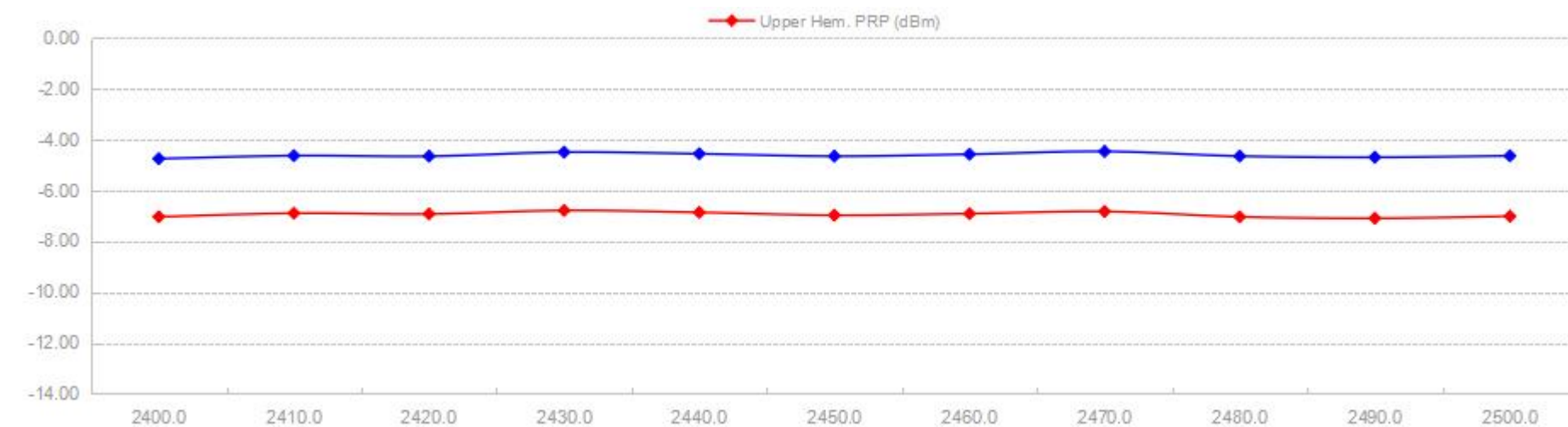


FEITUKEJI

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Point Values											
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-2.74	-2.62	-2.64	-2.49	-2.56	-2.66	-2.59	-2.48	-2.68	-2.73	-2.66
Peak EIRP (dBm)	1.02	1.07	1.00	1.22	1.26	1.31	1.45	1.54	1.35	1.22	1.21
Directivity (dBi)	3.76	3.69	3.64	3.71	3.82	3.97	4.04	4.02	4.02	3.95	3.87
Efficiency (dB)	-2.74	-2.62	-2.64	-2.49	-2.56	-2.66	-2.59	-2.48	-2.68	-2.73	-2.66
Efficiency (%)	53.20	54.80	54.40	56.40	55.50	54.20	55.10	56.40	54.00	53.40	54.10
Gain (dBi)	1.02	1.07	1.00	1.22	1.26	1.31	1.45	1.54	1.35	1.22	1.21
NHPRP $\pm\pi/4$ (dBm)	-3.51	-3.39	-3.42	-3.27	-3.34	-3.45	-3.38	-3.29	-3.49	-3.55	-3.49
NHPRP $\pm\pi/6$ (dBm)	-4.74	-4.63	-4.67	-4.52	-4.58	-4.67	-4.60	-4.49	-4.68	-4.73	-4.66
NHPRP $\pm\pi/8$ (dBm)	-5.70	-5.61	-5.65	-5.51	-5.57	-5.65	-5.57	-5.44	-5.62	-5.66	-5.58
Upper Hem. PRP (dBm)	-7.04	-6.90	-6.93	-6.80	-6.87	-6.98	-6.92	-6.83	-7.04	-7.10	-7.02
Lower Hem. PRP (dBm)	-4.76	-4.64	-4.66	-4.50	-4.57	-4.66	-4.58	-4.47	-4.66	-4.70	-4.65
Upper Hem. PRP (%)	19.77	20.40	20.26	20.92	20.56	20.04	20.32	20.74	19.75	19.50	19.85
Lower Hem. PRP (%)	33.43	34.36	34.18	35.46	34.95	34.19	34.80	35.70	34.22	33.86	34.30



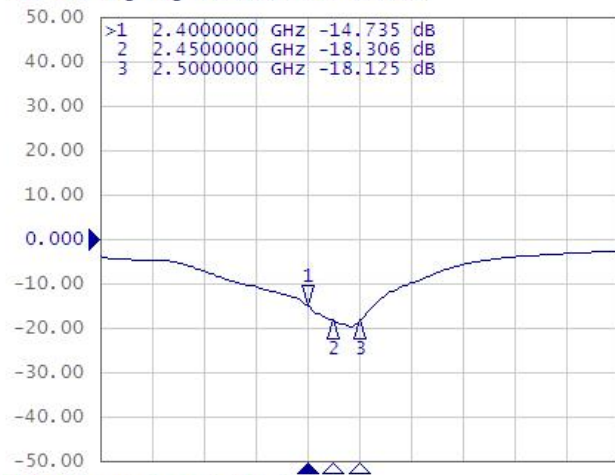


E5071C Network Analyzer

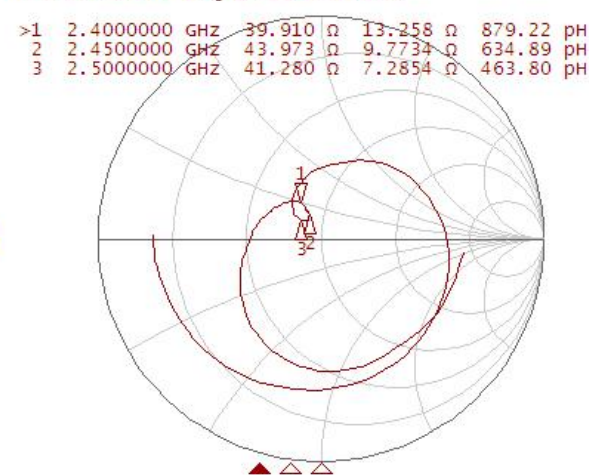
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize

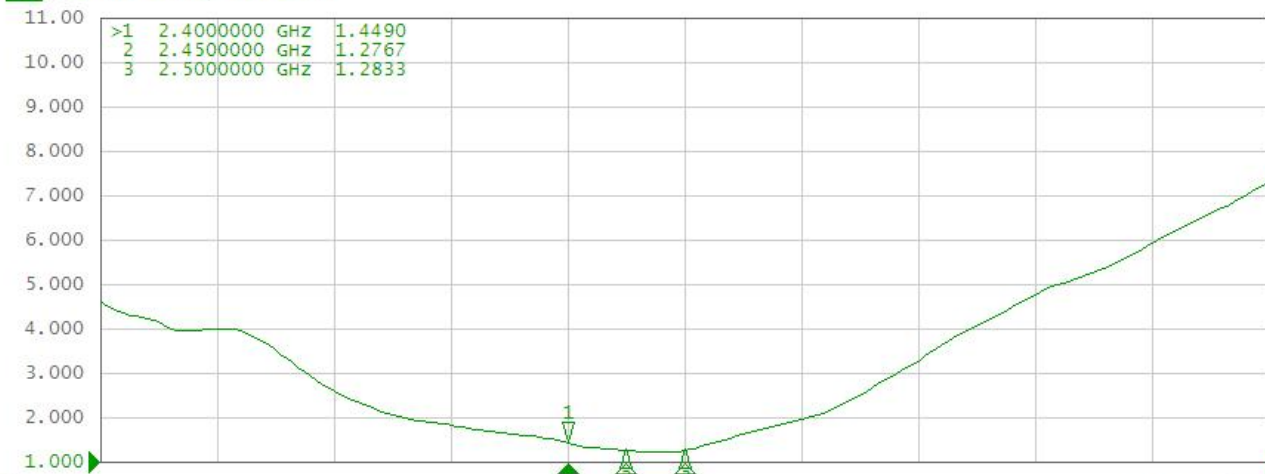
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB



Tr2 S11 Smith (R+jX) scale 1.000U



Tr3 S11 SWR 1.000/ Ref 1.000



1 Start 2 GHz

IFBW 70 kHz

Stop 3 GHz Off

Meas Stop ExtRef Svc

2022-03-29 16:15

System

Print

Abort Printing

Printer Setup...

Invert Image

ON

Dump
Screen Image...

Multiport Test Set
Setup

Misc Setup

Backlight

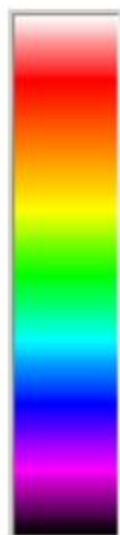
ON

Firmware
Revision

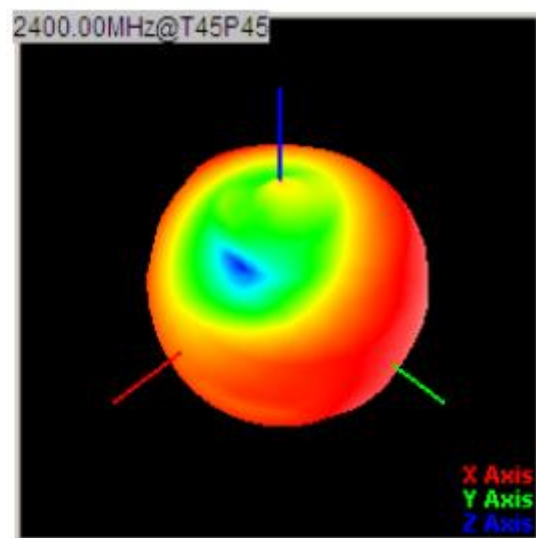
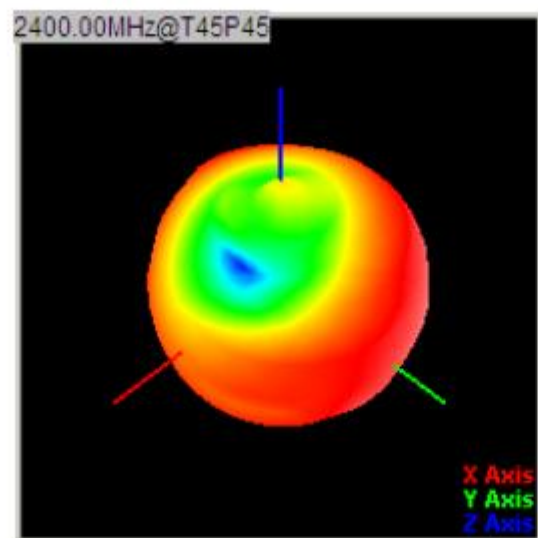
Service Menu

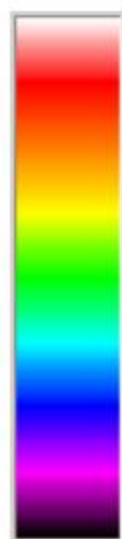
Help

Return



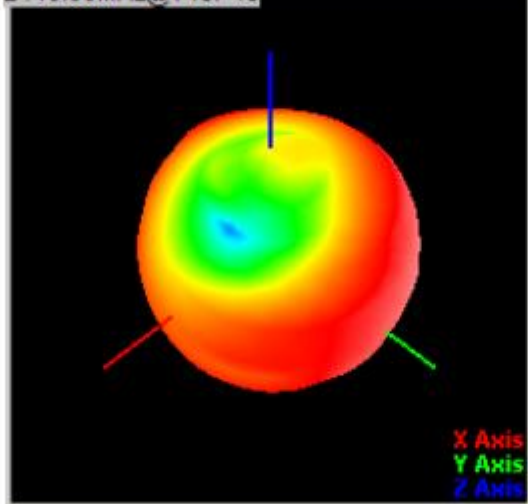
1.02
-0.37
-1.76
-3.16
-4.55
-5.94
-7.33
-8.72
-10.11
-11.5
-12.9
-14.29
-15.68
-17.07
-18.46
-19.85
-21.24
-22.63





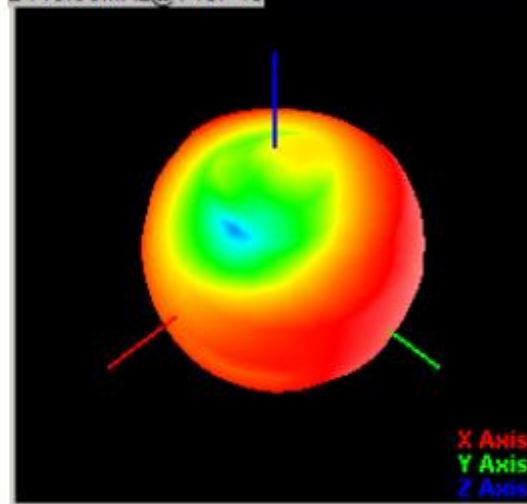
1.07
-0.39
-1.84
-3.3
-4.75
-6.21
-7.66
-9.12
-10.58
-12.03
-13.49
-14.94
-16.4
-17.86
-19.31
-20.77
-22.22
-23.68

2410.00MHz@T45P45

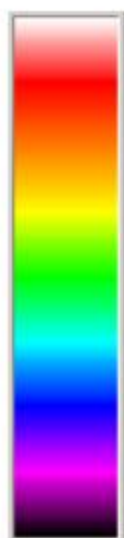


X Axis
Y Axis
Z Axis

2410.00MHz@T45P45

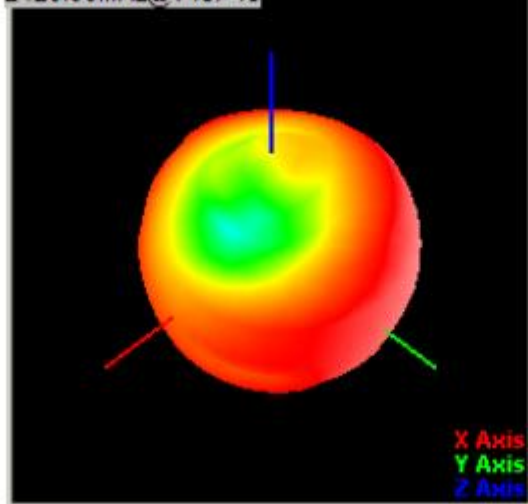


X Axis
Y Axis
Z Axis



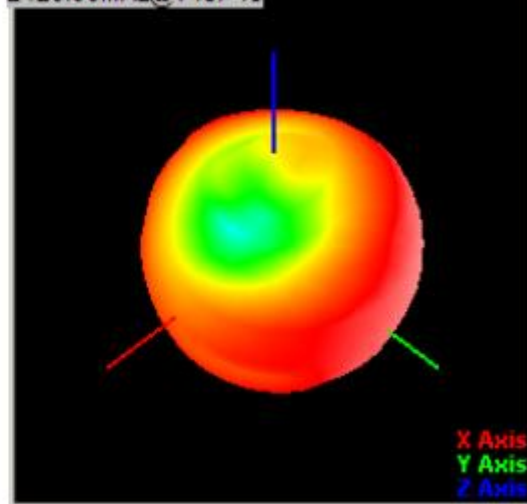
1
-0.56
-2.11
-3.66
-5.21
-6.76
-8.32
-9.87
-11.42
-12.97
-14.52
-16.07
-17.63
-19.18
-20.73
-22.28
-23.83
-25.39

2420.00MHz@T45P45

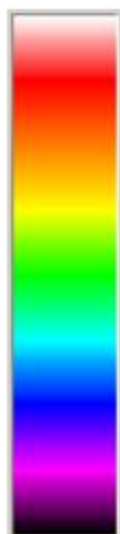


X Axis
Y Axis
Z Axis

2420.00MHz@T45P45

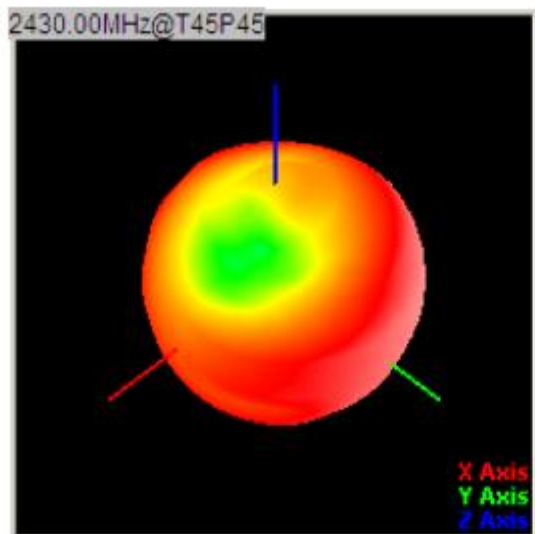


X Axis
Y Axis
Z Axis

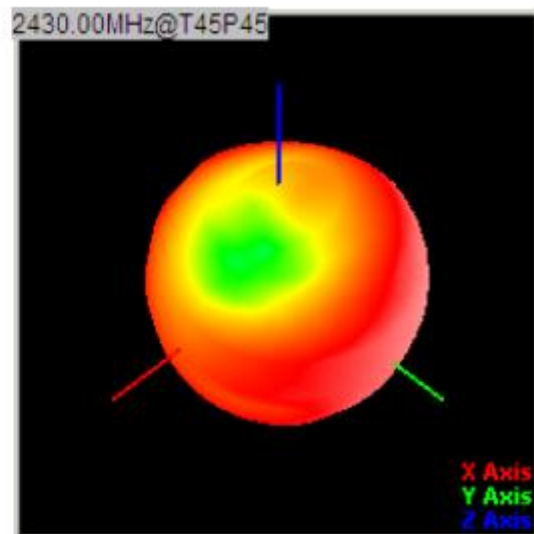


1.22
-0.53
-2.27
-4.02
-5.77
-7.52
-9.26
-11.01
-12.76
-14.51
-16.25
-18
-19.75
-21.5
-23.24
-24.99
-26.74
-28.49

2430.00MHz@T45P45

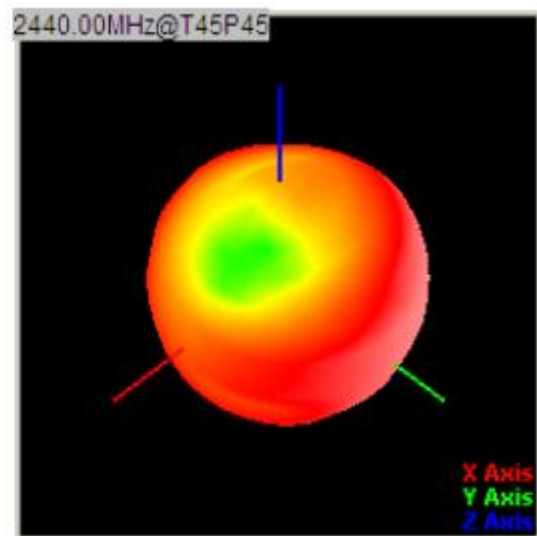
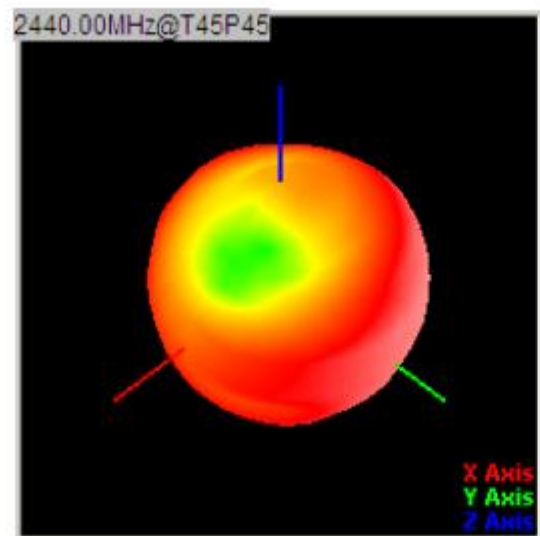


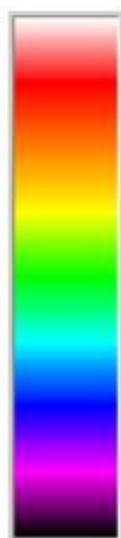
2430.00MHz@T45P45





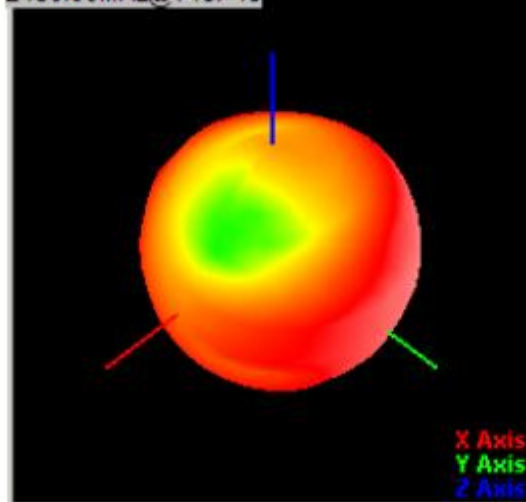
1.26
-0.77
-2.79
-4.82
-6.85
-8.88
-10.9
-12.93
-14.96
-16.99
-19.01
-21.04
-23.07
-25.1
-27.13
-29.15
-31.18
-33.21



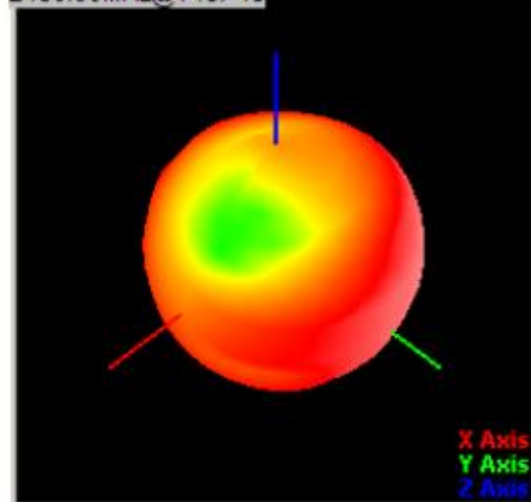


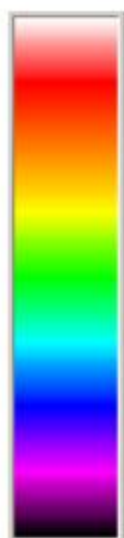
1.31
-0.47
-2.26
-4.04
-5.83
-7.61
-9.4
-11.18
-12.97
-14.75
-16.54
-18.32
-20.11
-21.89
-23.68
-25.46
-27.24
-29.03

2450.00MHz@T45P45



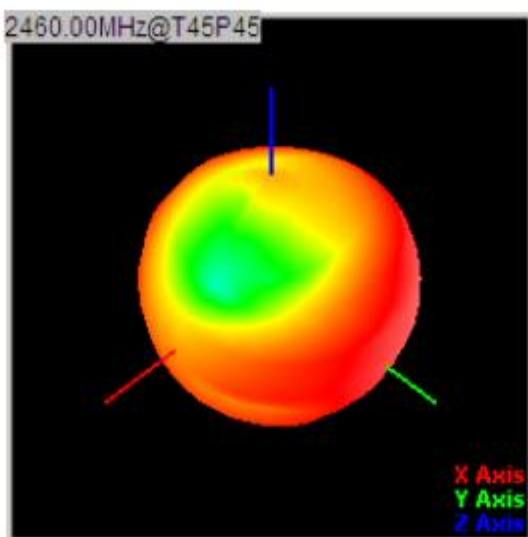
2450.00MHz@T45P45





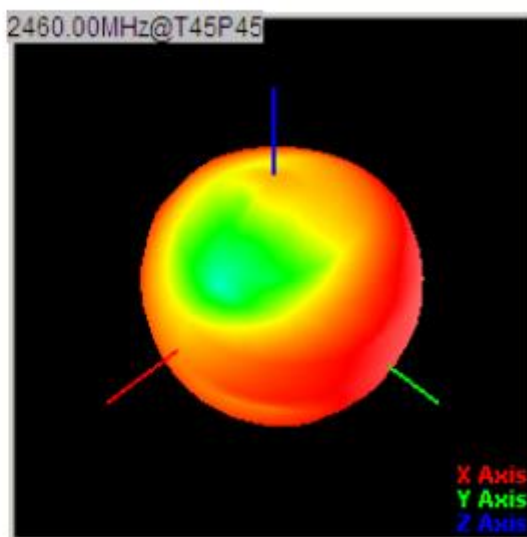
1.45
-0.07
-1.59
-3.11
-4.63
-6.15
-7.67
-9.19
-10.71
-12.23
-13.75
-15.27
-16.8
-18.32
-19.84
-21.36
-22.88
-24.4

2460.00MHz@T45P45

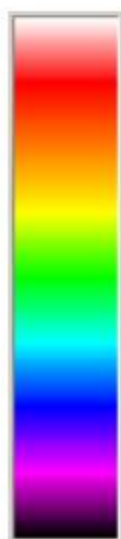


X Axis
Y Axis
Z Axis

2460.00MHz@T45P45

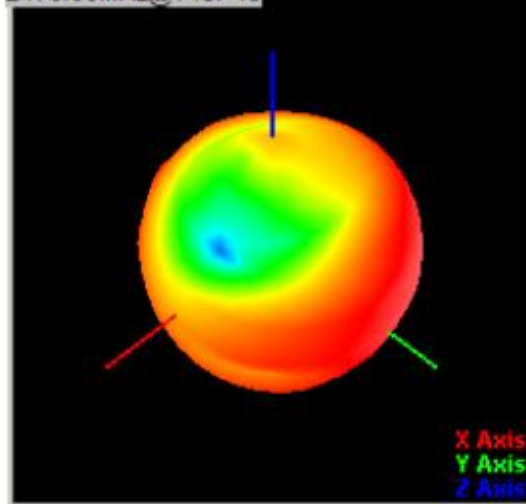


X Axis
Y Axis
Z Axis

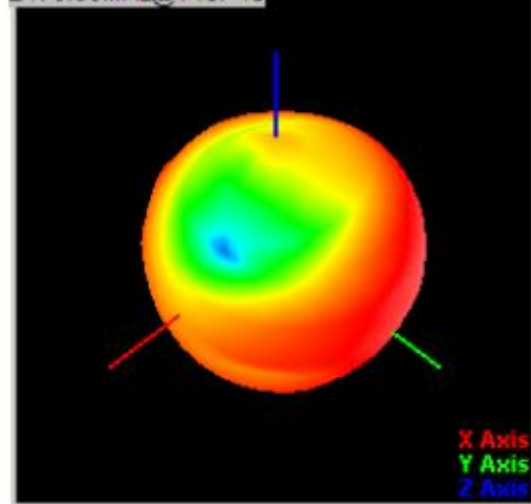


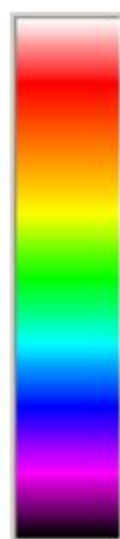
1.54
0.14
-1.25
-2.64
-4.03
-5.42
-6.81
-8.21
-9.6
-10.99
-12.38
-13.77
-15.17
-16.56
-17.95
-19.34
-20.73
-22.13

2470.00MHz@T45P45

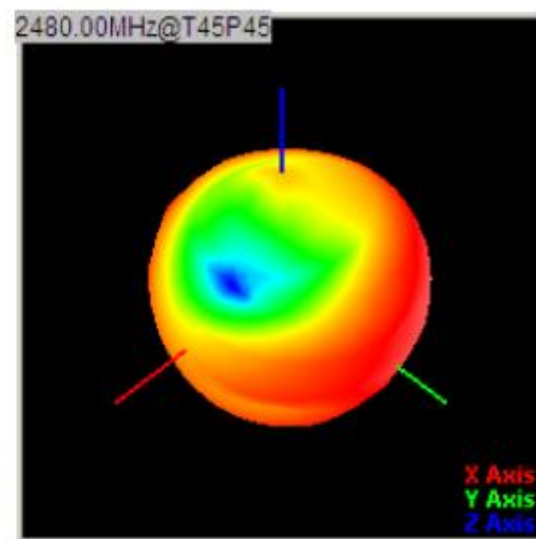
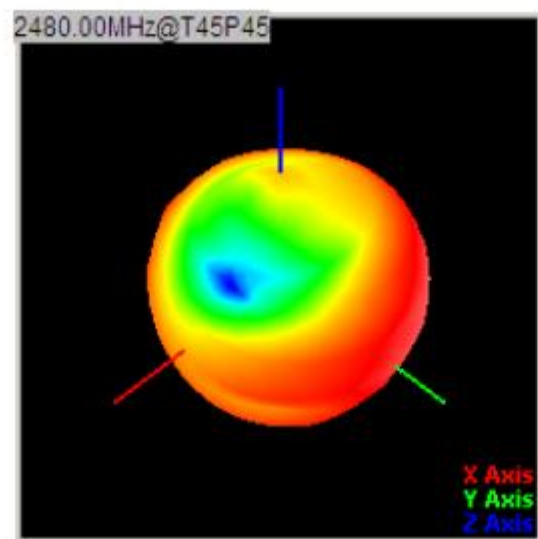


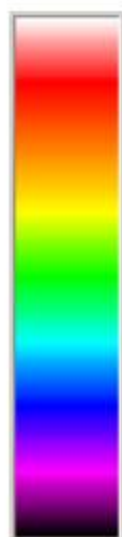
2470.00MHz@T45P45





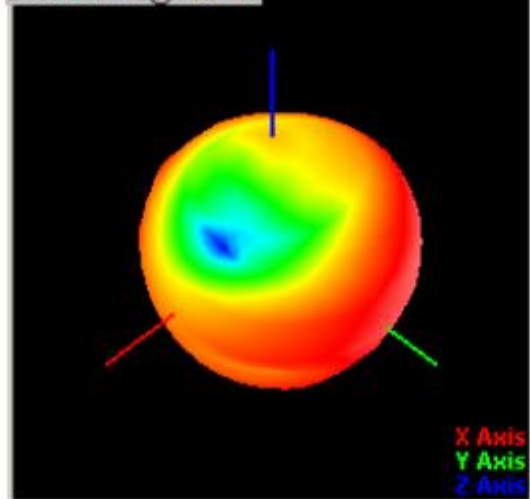
1.35
0.02
-1.31
-2.63
-3.96
-5.29
-6.61
-7.94
-9.27
-10.59
-11.92
-13.24
-14.57
-15.9
-17.22
-18.55
-19.88
-21.2



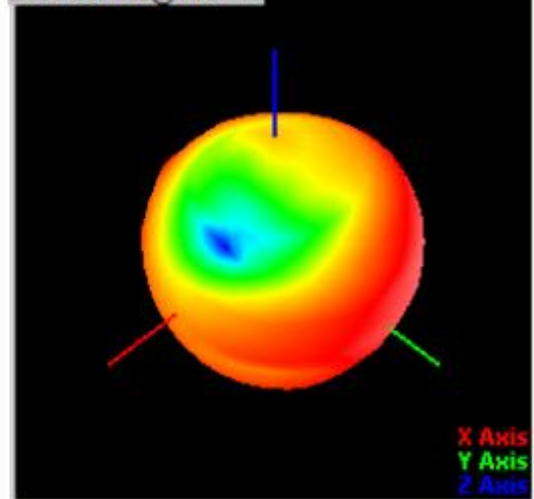


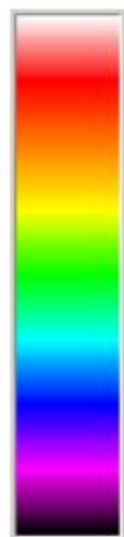
1.22
-0.13
-1.49
-2.85
-4.21
-5.56
-6.92
-8.28
-9.64
-11
-12.35
-13.71
-15.07
-16.43
-17.78
-19.14
-20.5
-21.86

2490.00MHz@T45P45



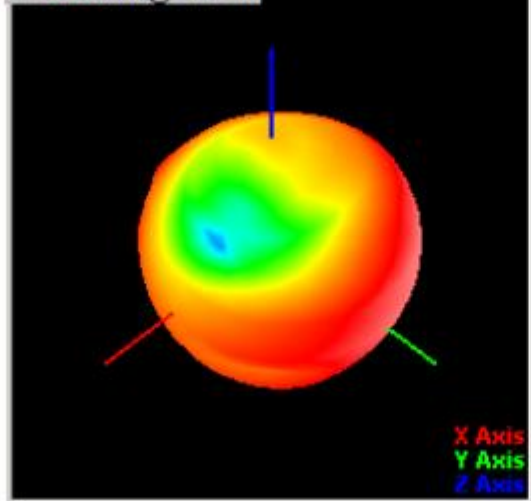
2490.00MHz@T45P45



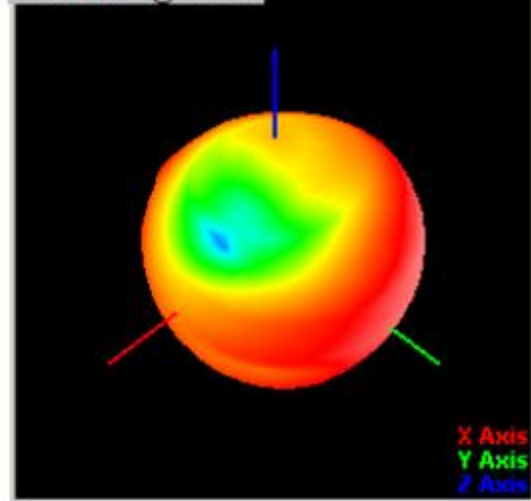


1.21
-0.23
-1.67
-3.1
-4.54
-5.98
-7.42
-8.85
-10.29
-11.73
-13.17
-14.6
-16.04
-17.48
-18.92
-20.35
-21.79
-23.23

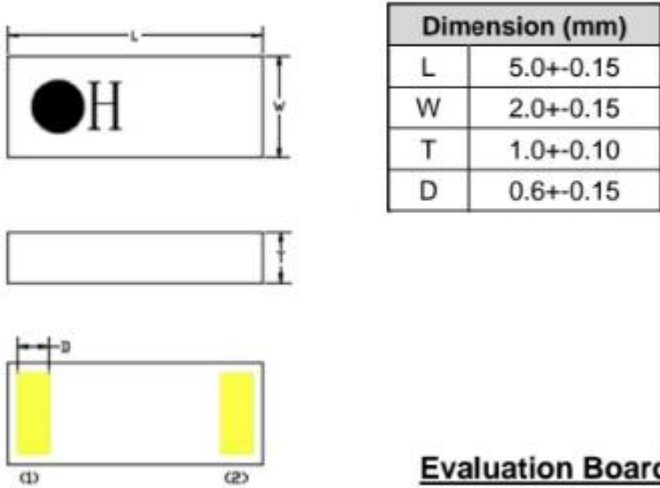
2500.00MHz@T45P45



2500.00MHz@T45P45

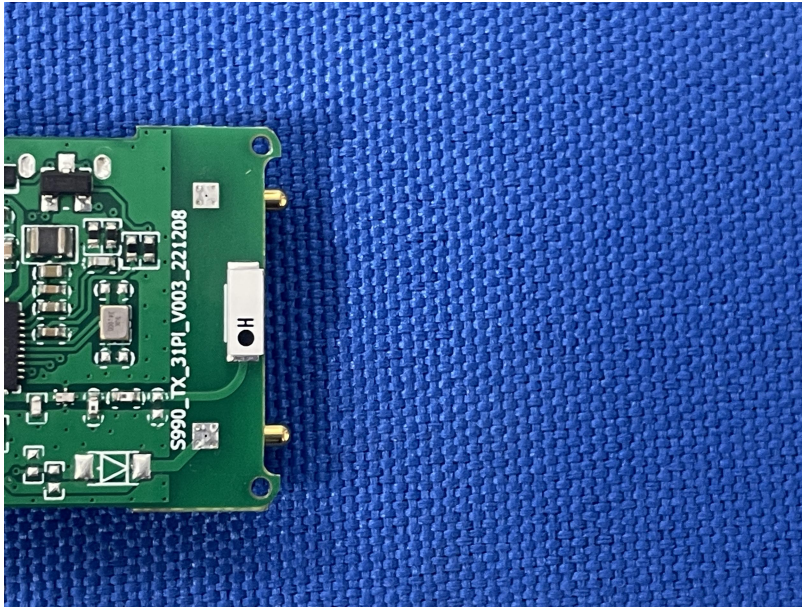


Antenna size diagram



Evaluation Board

Antenna photo



Manufacture's name: Dongguan Hekang Electronics Co., LTD

Address: 1F, Building C, Yuanchuang Power Industrial Park, Tangjiao Village, Changping Town, Dongguan City, Guangdong Province