



The screenshot displays the Keysight PNA Network Analyzer interface with the following data:

Tr1 S11 SWR 1.000/ Ref 1.000 [Ro]

Marker	Freq (GHz)	SWR
1	2.4000000	1.8922
2	2.4500000	1.8528
>3	2.5000000	1.6792

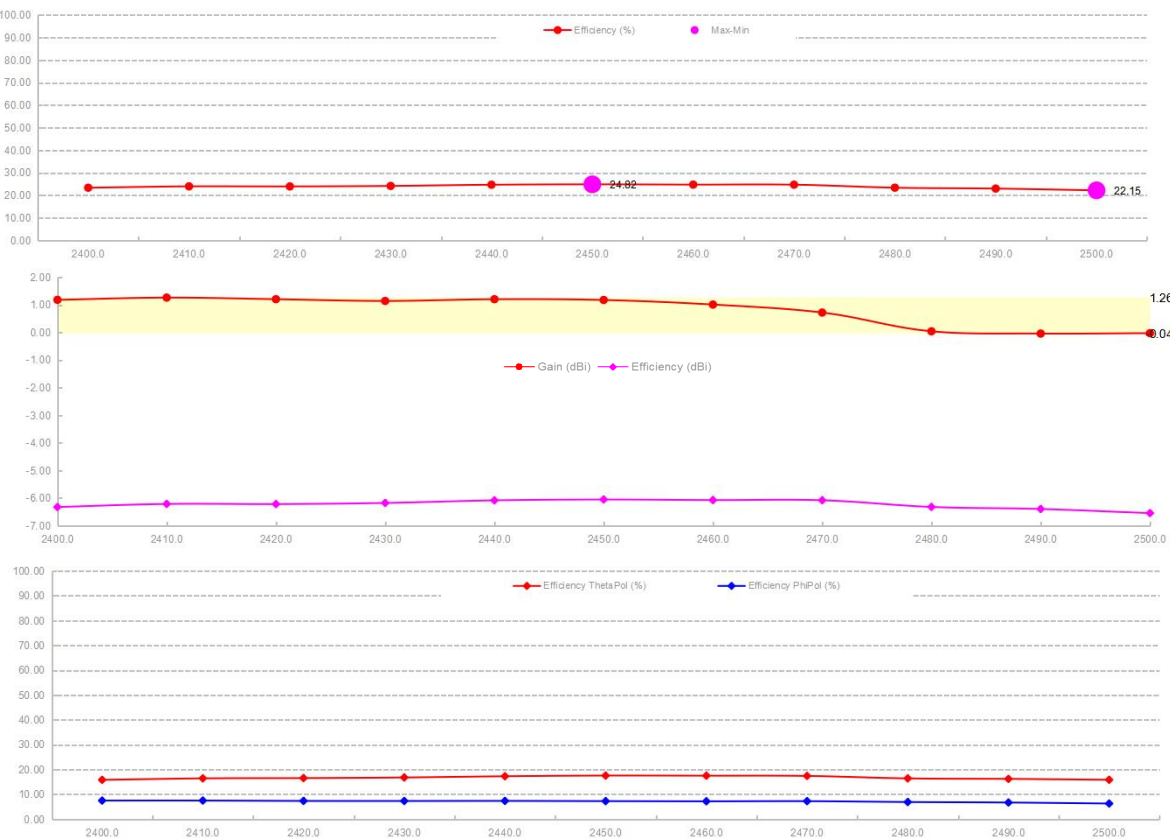
Tr2 S11 Smith (R+jX) Scale 1.000u [Ro]

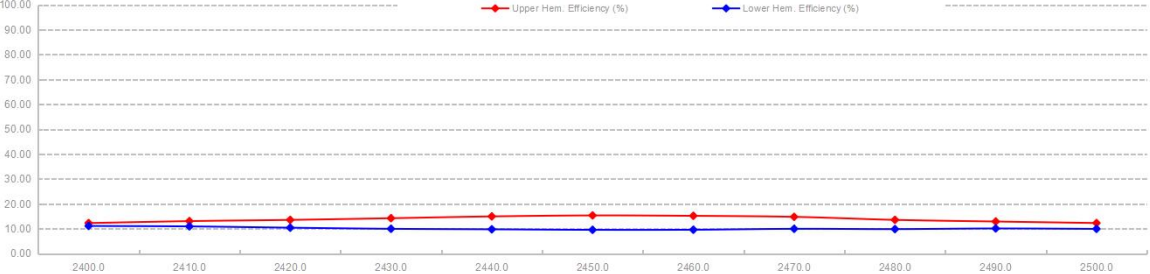
Marker	Freq (GHz)	R (ohms)	X (ohms)	Cap (pF)	Ind (pH)
1	2.4000000	33.511	-20.807	3.1872	
2	2.4500000	27.033	-883.70	57.406	
>3	2.5000000	41.750	22.304		1.4199

Tr3 S11 Log Mag 10.00dB/ Ref 0.000dB [Ro]

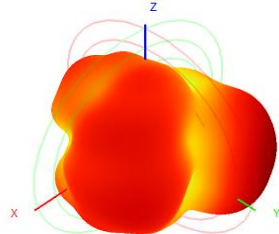
Marker	Freq (GHz)	Log Mag (dB)
1	2.4000000	-10.216
2	2.4500000	-10.489
>3	2.5000000	-11.921

The interface also shows a Smith chart for Tr2 and a magnitude plot for Tr3. The status bar at the bottom indicates a frequency range from 1.5 GHz to 3 GHz with a 70 kHz IFBW.

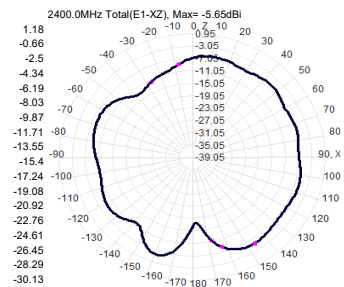
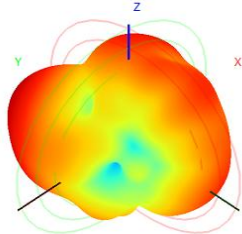




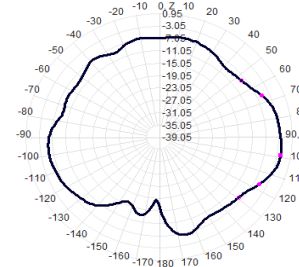
2400.0MHz H+V, Eff: 23.3%



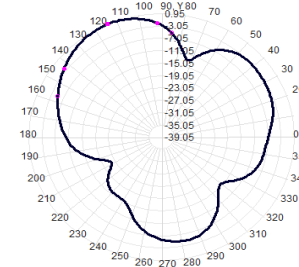
Back View



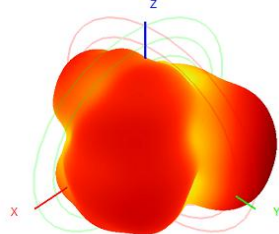
2400.0MHz Total(E2-YZ), Max=-2.37dBi



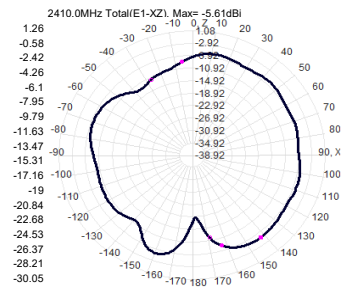
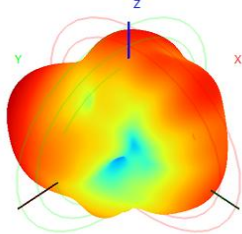
Total(H-XY), Max= 0.95dBi, CirD=22.81



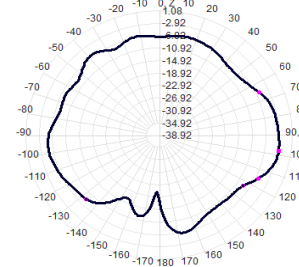
2410.0MHz H+V, Eff: 23.9%



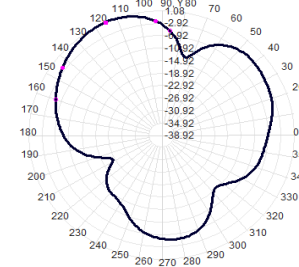
Back View



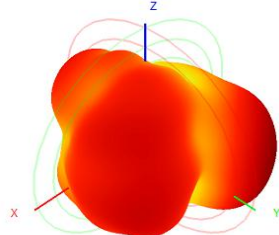
2410.0MHz Total(E2-YZ), Max=-2.94dBi



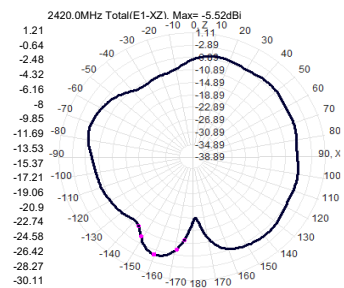
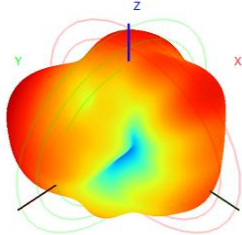
Total(H-XY), Max= 1.08dBi, CirD=23.38



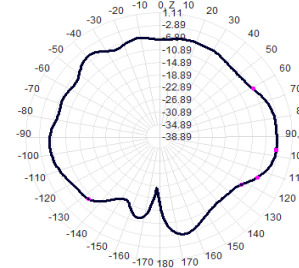
2420.0MHz H+V, Eff: 23.9%



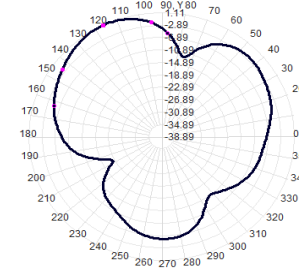
Back View



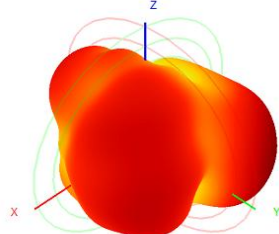
2420.0MHz Total(E2-YZ), Max=-3.71dBi



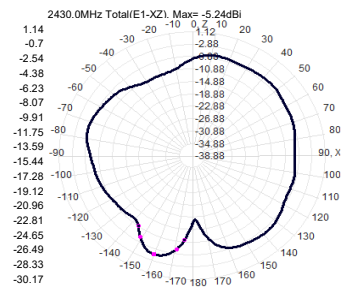
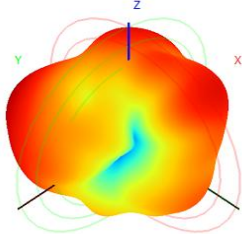
Total(H-XY), Max= 1.11dBi, CirD=23.39



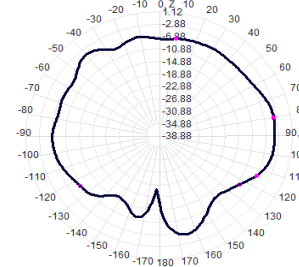
2430.0MHz H+V, Eff: 24.1%



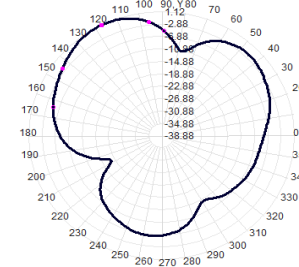
Back View



2430.0MHz Total(E2-YZ), Max=-4.21dBi



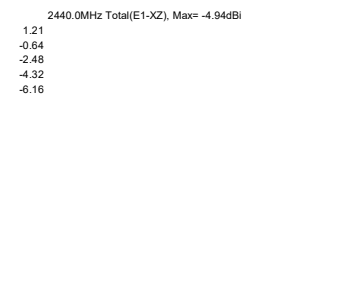
Total(H-XY), Max= 1.12dBi, CirD=22.85



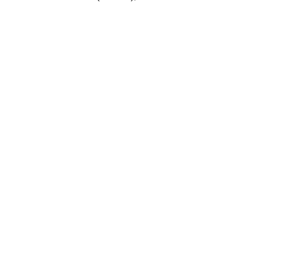
2440.0MHz H+V, Eff: 24.6%



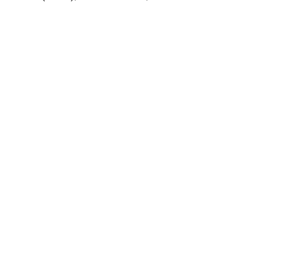
Back View

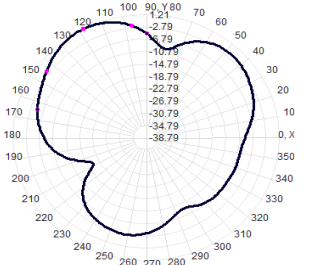
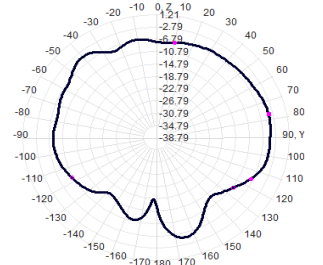
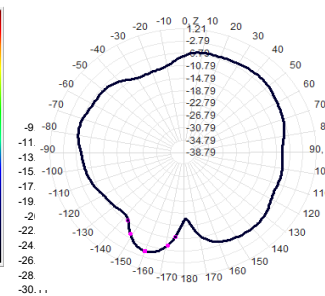
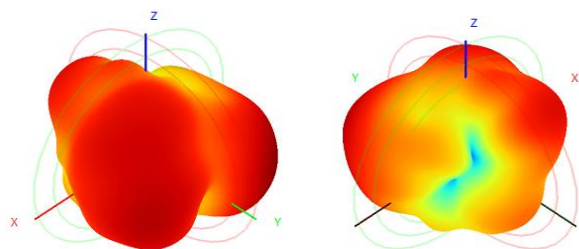


2440.0MHz Total(E2-YZ), Max=-4.39dBi



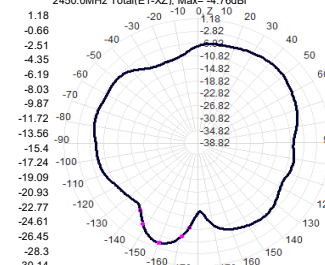
Total(H-XY), Max= 1.21dBi, CirD=22.11





2450.0MHz H+V, Eff: 24.8%

Back View

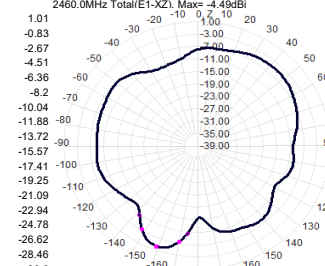


2450.0MHz Total(E2-YZ), Max=-4.30dBi

Total(H-XY), Max=1.18dBi, CirD=20.65

2460.0MHz H+V, Eff: 24.7%

Back View

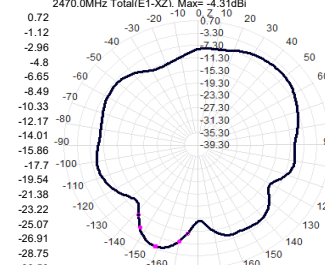


2460.0MHz Total(E2-YZ), Max=-4.05dBi

Total(H-XY), Max=1.00dBi, CirD=18.14

2470.0MHz H+V, Eff: 24.7%

Back View



2470.0MHz Total(E2-YZ), Max=-3.85dBi

Total(H-XY), Max=0.70dBi, CirD=15.31

2480.0MHz H+V, Eff: 23.3%

Back View



2480.0MHz Total(E1-XZ), Max=-4.61dBi

2480.0MHz Total(E2-YZ), Max=-4.03dBi

Total(H-XY), Max=0.04dBi, CirD=13.14

