

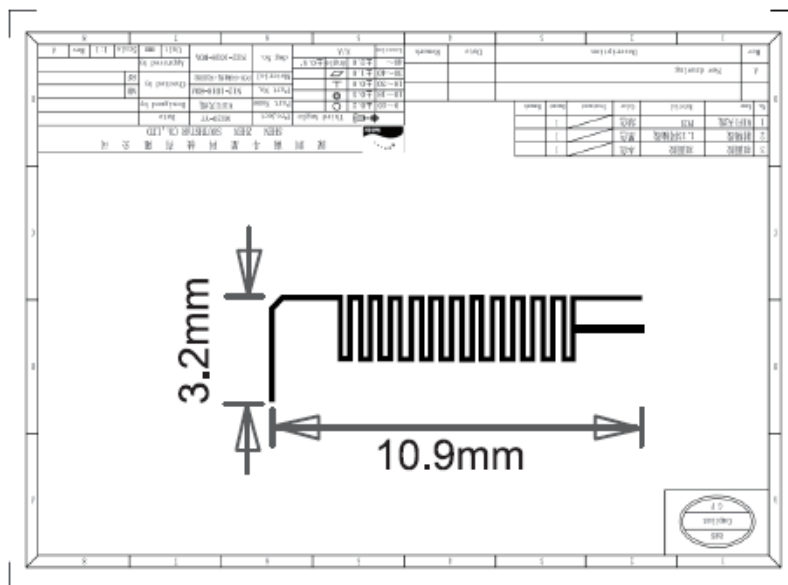
Antenna describe

1. Antenna describe;

Antenna plate	2.4G ANT
Make name/model name	PT2301
SIZE	3.2mm*10.9mm
Antenna gain	-0.24dBi
Frequency range	2.4GHZ—2.4835GHZ
Format VSWR	1.5
Format Smith	50 Ω
Format Log Mag	-18.31dB

2. External view drawing;

Picture of antenna

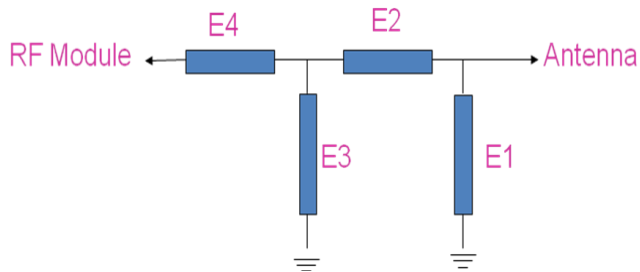


Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C

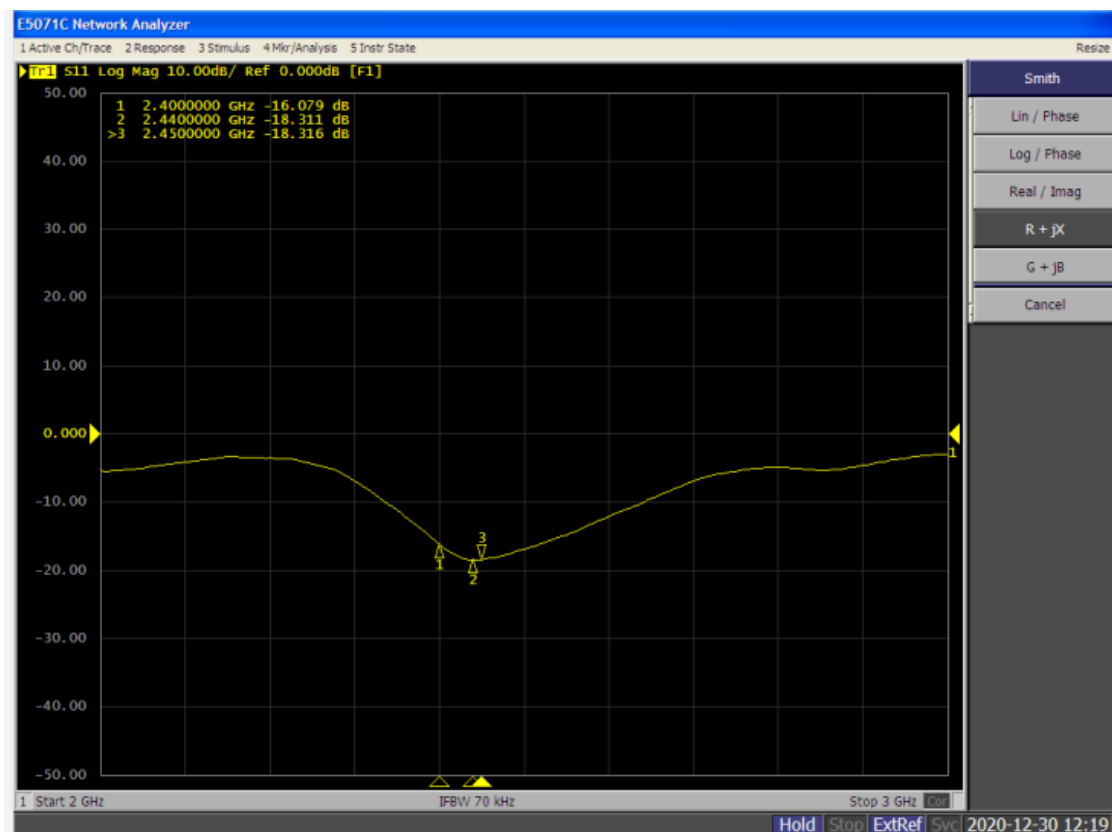


Antenna Matching Network

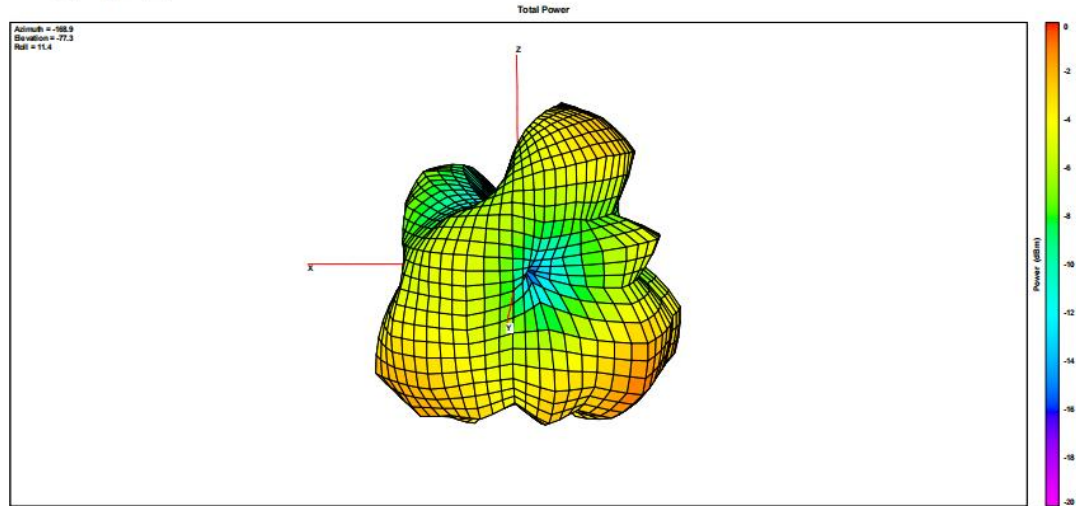


Element	Capacitor	Inductor
E1	N/A	N/A
E2	N/A	N/A
E3	N/A	N/A
E4	N/A	N/A

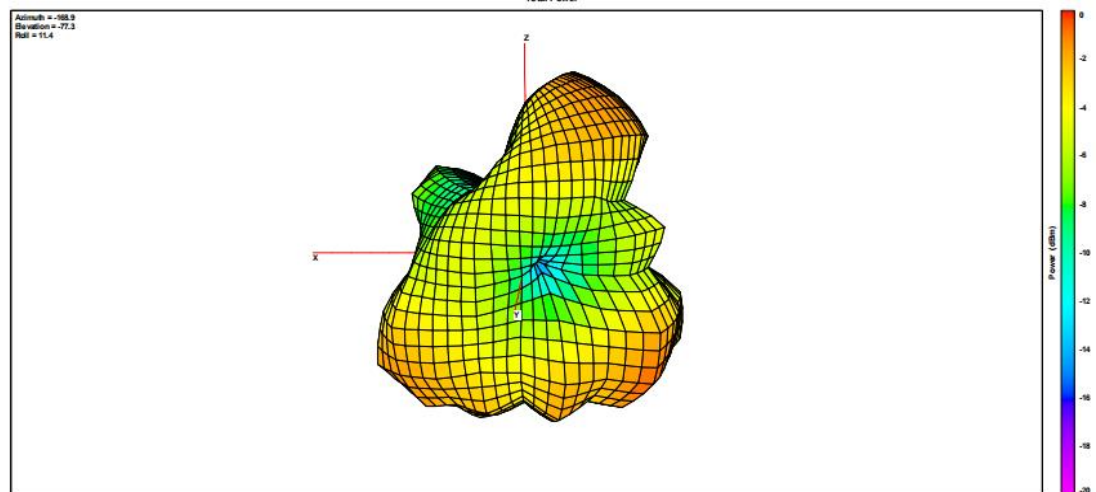
PCB end matching circuit is unchanged



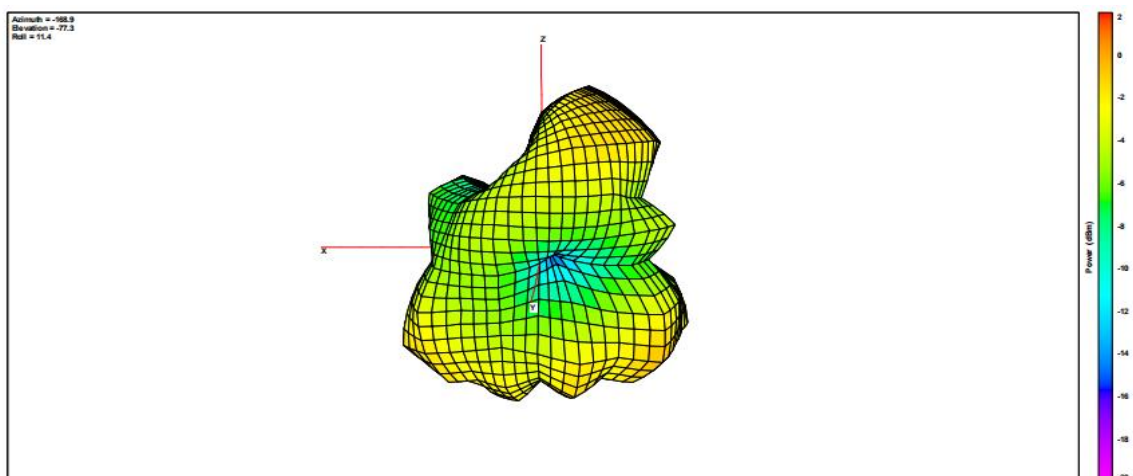
a) 3D Graphics



2400MHz



2450MHz



2500MHz

Fre.	Gain(dBi)	Efficient(%)
2400MHz	-0.44	27.83
2410MHz	-0.5	27.77
2420MHz	-0.68	27.7
2430MHz	-0.71	27.9
2440MHz	-0.49	29.61
2450MHz	-0.27	31.14
2460MHz	-0.24	31.91
2470MHz	-0.38	32.01
2480MHz	-0.37	32.01
2490MHz	-0.02	32.96
2500MHz	0.44	34.66

b) 2D Graphics

