

8. Electrical Specifications

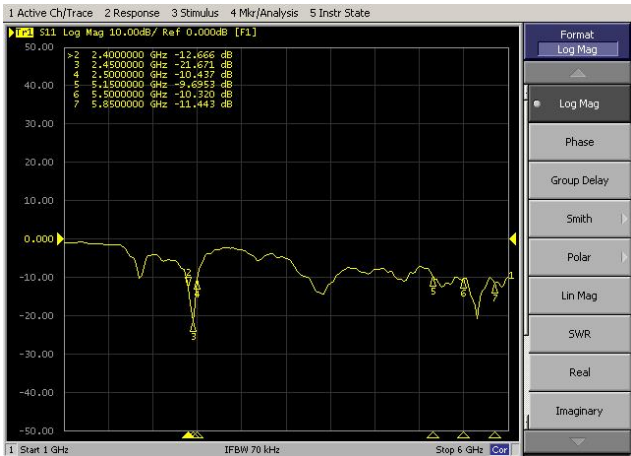
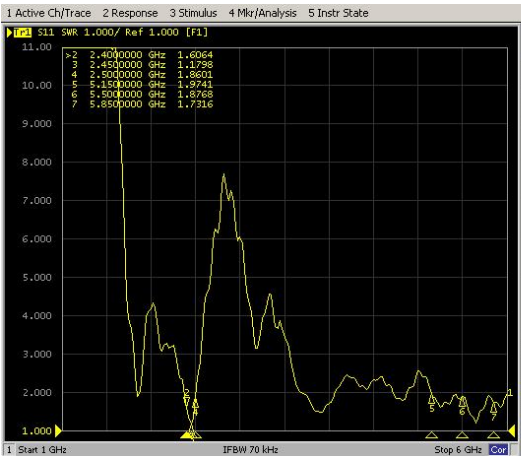
8-1

Characteristics	Specifications	Unit
Outline Dimensions	36.2x12.2x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

8-2.

VSWR

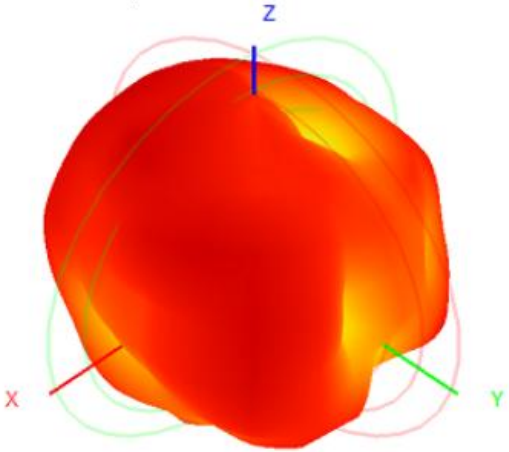
S11



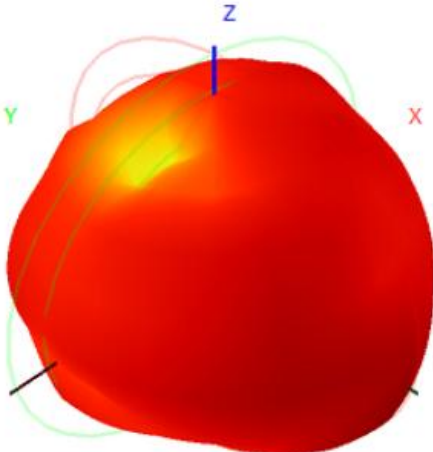
8-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5150	5350	5500	5650	5850
Efficienc (dBi)	-4.48	-4.38	-4.26	-4.40	-4.32	-4.28	-4.19	-4.24	-4.28	-4.20	-4.32	-4.30	-4.11	-4.00	-4.44	-4.22
Gain (dBi)	0.45	0.43	0.47	0.39	0.49	0.50	0.47	0.48	0.45	0.43	0.43	0.85	0.95	0.95	0.87	0.89
Efficiency (%)	35.62	36.45	37.47	36.25	36.95	37.26	38.07	37.64	37.29	38.02	36.91	37.15	38.79	39.84	35.9	37.88

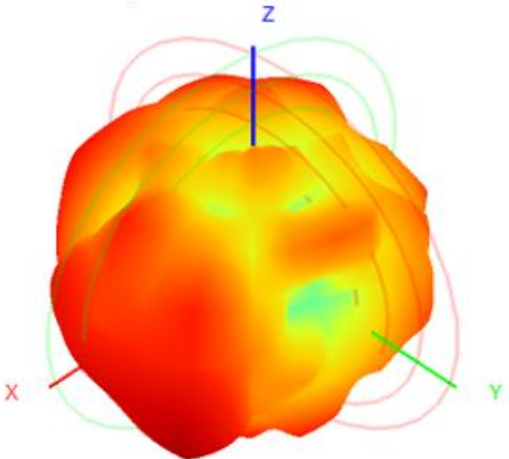
2500.0MHz H+V, Eff. 36.9%



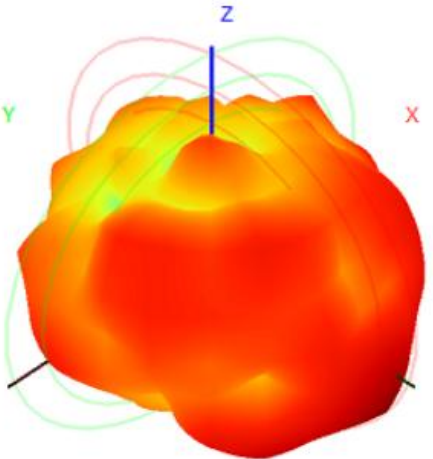
Back View



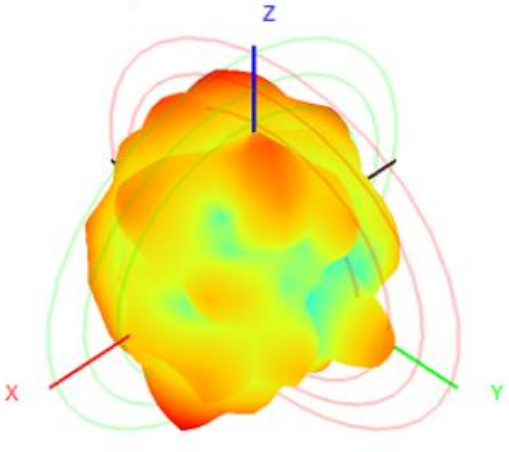
5350.0MHz H+V, Eff. 38.8%



Back View



5850.0MHz H+V, Eff. 37.9%



Back View

