

L Band Omni Fiber Glass Antenna

MODEL: TH1426

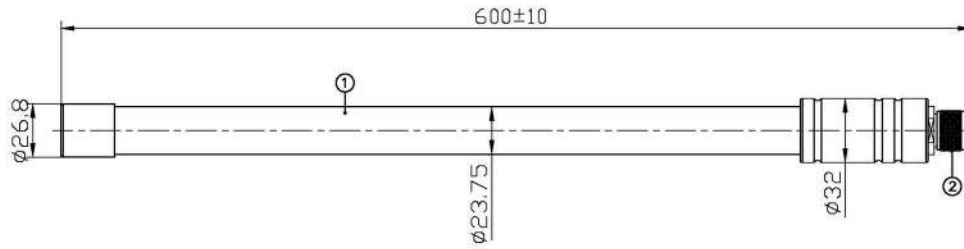


Specifications:

Frequency range:	1400~1500Mhz
Gain:	6dBi
V.S.W.R:	<2.0
Impedence:	50 ohm
Connector:	N (Male)
Dimension:	600mm +/-10 x OD20mm
Weight:	0.4Kg
Polarization :	vertical
Power handling :	100W
Colour :	White
Rated wind velocity :	60m/s
Working Temperature :	-40~60°C
Lightning Protection :	Direct Ground

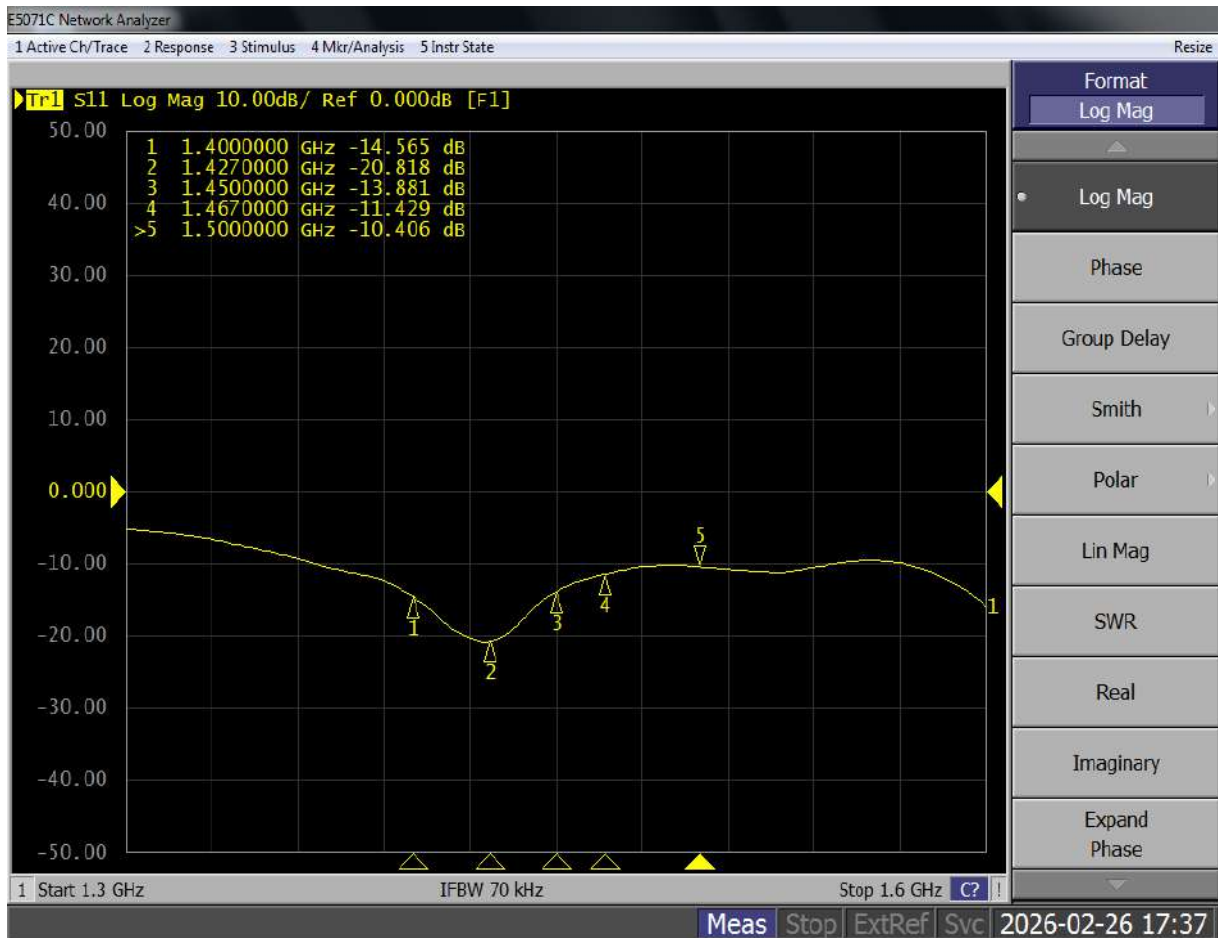
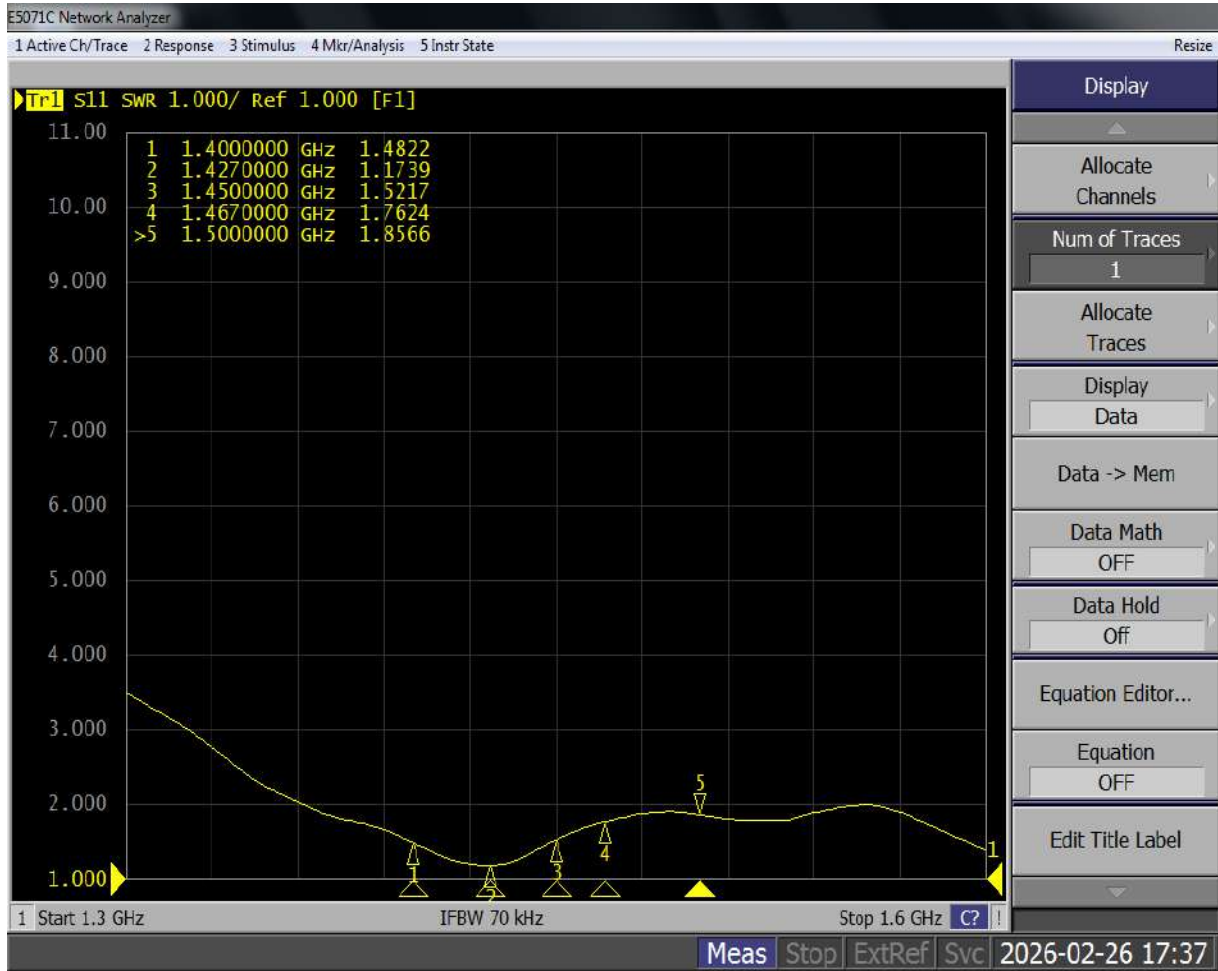
* This specification is subject to change without prior notice

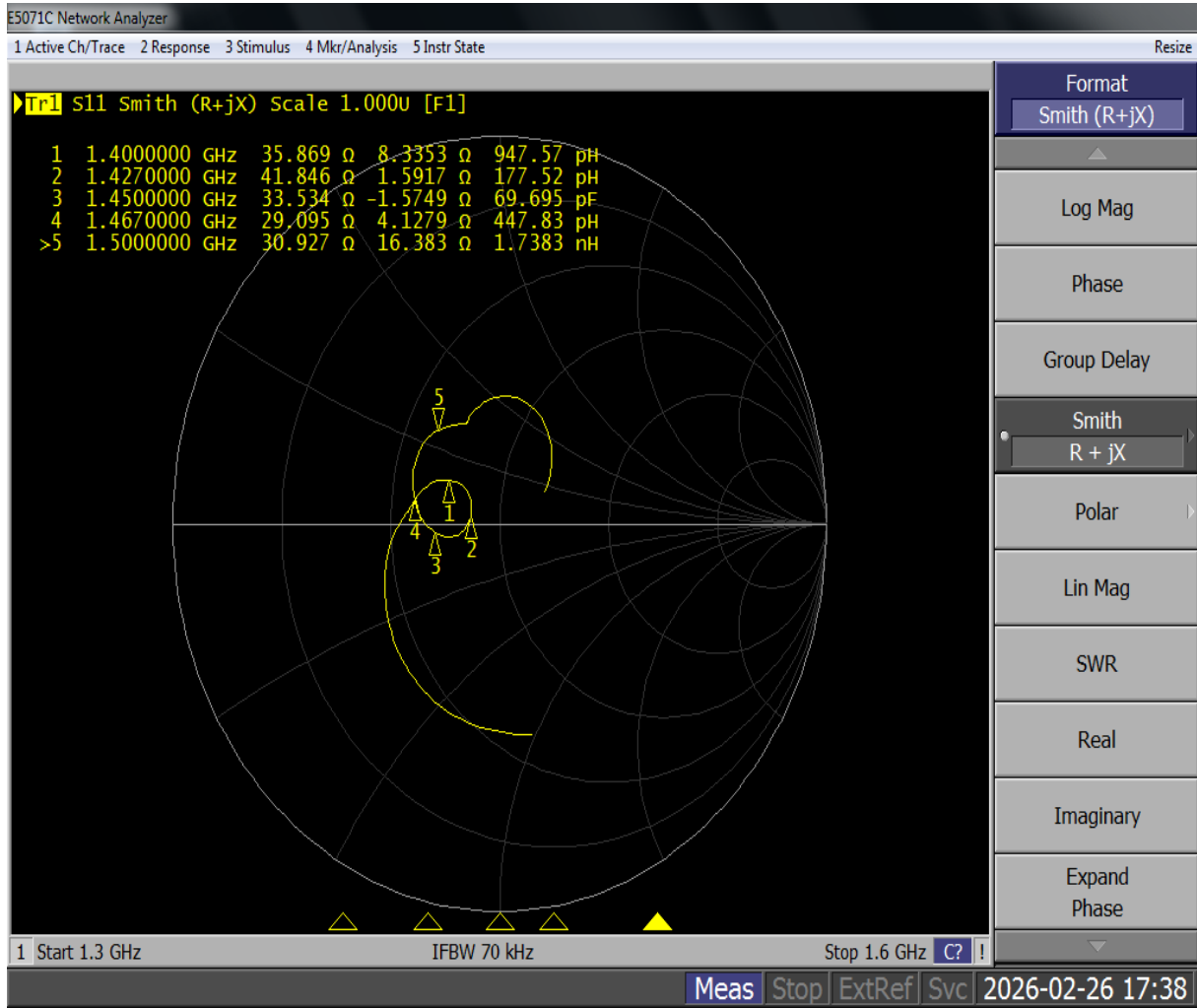
NO.	NAME	FINISH	Q, TY
01	Antenna	White	01
02	N(Male)	Nickel plating	01



Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					1400-1500MHz	M/M		20260212
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	\sqrt{S}	APPEARANCE					

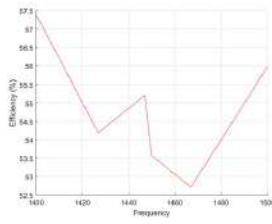




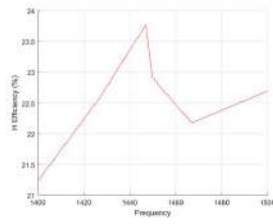


Frequency	1.4GHz	1.427GHz	1.447GHz	1.45GHz	1.467GHz	1.5GHz
Horizontal+Vertical						
Efficiency (%)	57.41	54.2	55.21	53.58	52.72	55.98
Gain (dBi)	5.42	5.92	6.25	6.08	5.95	5.99
Horizontal						
H Efficiency (%)	21.23	22.59	23.77	22.91	22.18	22.7
H Gain (dBi)	5.42	5.92	6.24	6.07	5.94	5.89
Vertical						
V Efficiency (%)	36.22	31.55	31.48	30.69	30.55	33.27
V Gain (dBi)	3.77	4.21	4.65	4.64	4.94	5.34

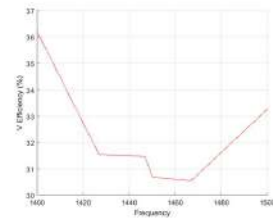
Total_Efficiency (%)



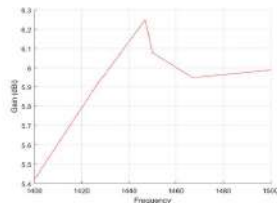
Theta_H_Efficiency (%)



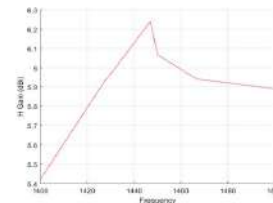
Phi_V_Efficiency (%)



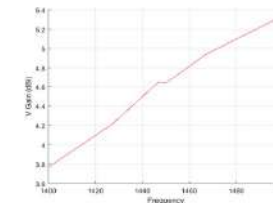
Total_Gain (dB)



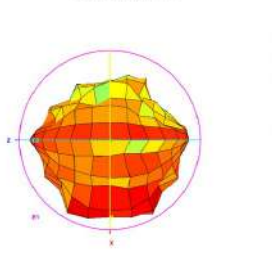
Theta_H_Gain (dB)



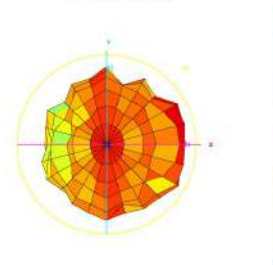
Phi_V_Gain (dB)



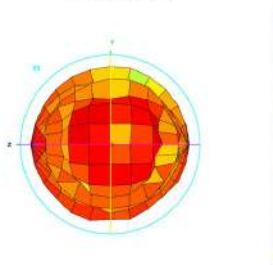
Total_3D_Top View_1.4GHz



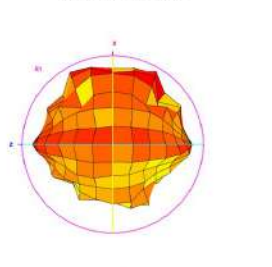
Total_3D_Front View_1.4GHz



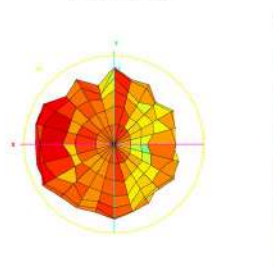
Total_3D_Left View_1.4GHz



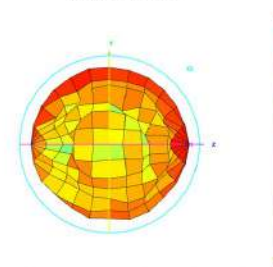
Total_3D_Bottom View_1.4GHz



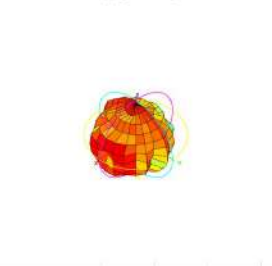
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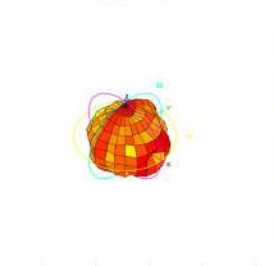
Total_3D_Right View_1.4GHz



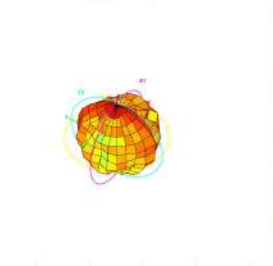
Total_3D_Side View 1_1.4GHz



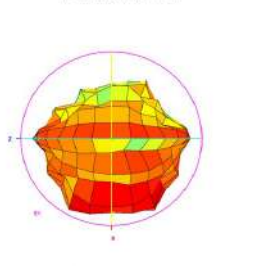
Total_3D_Side View 2_1.4GHz



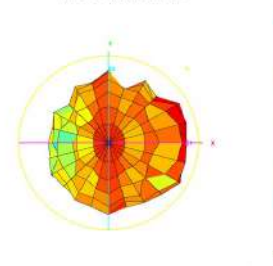
Total_3D_Side View 3_1.4GHz



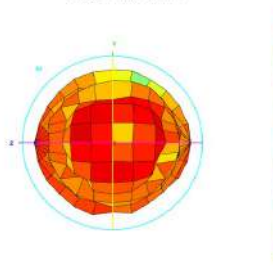
Total_3D_Top View_1.427GHz

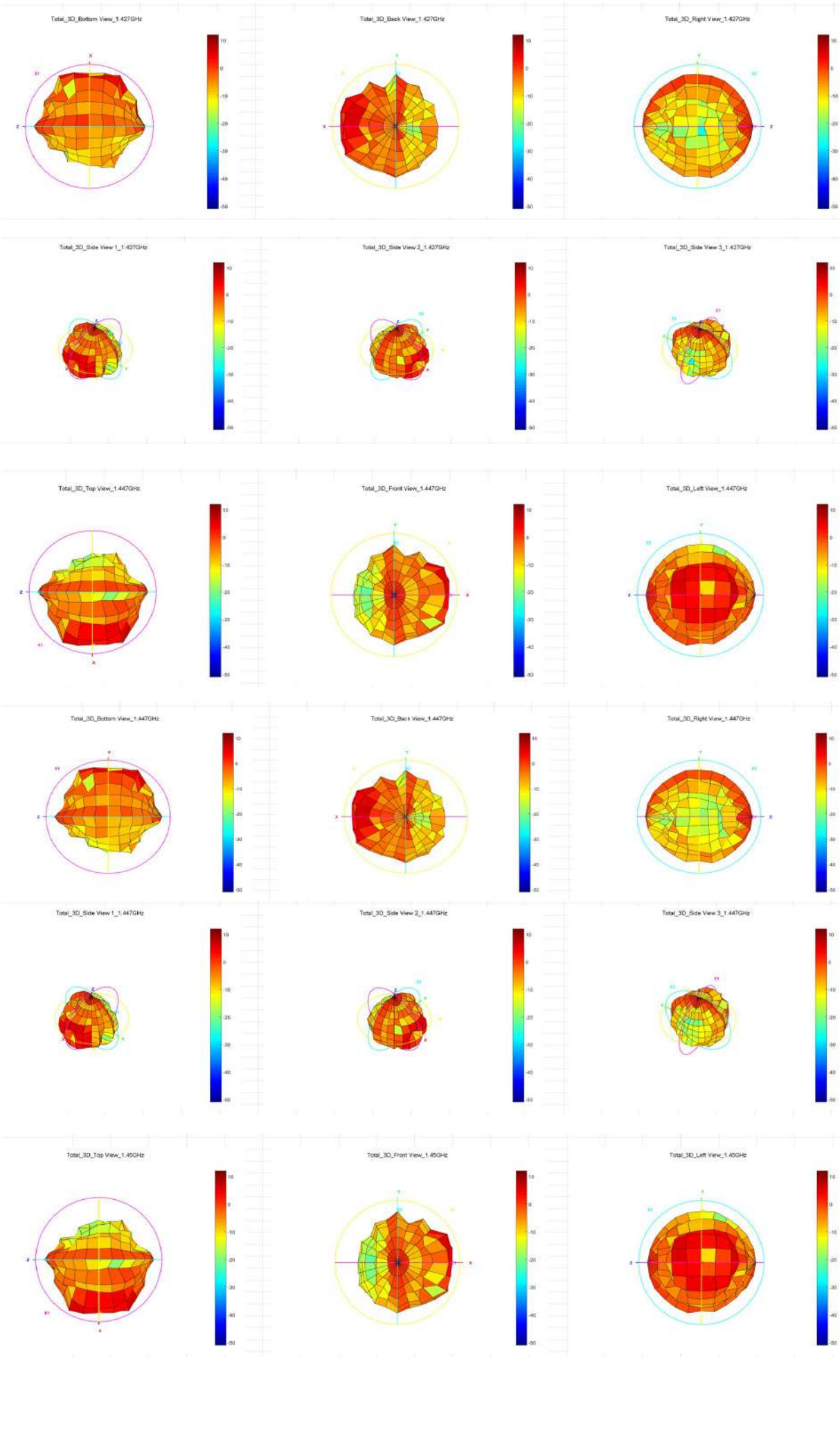


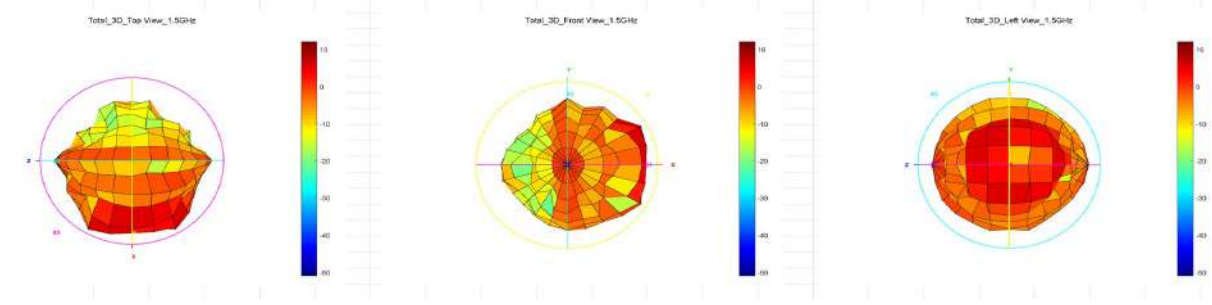
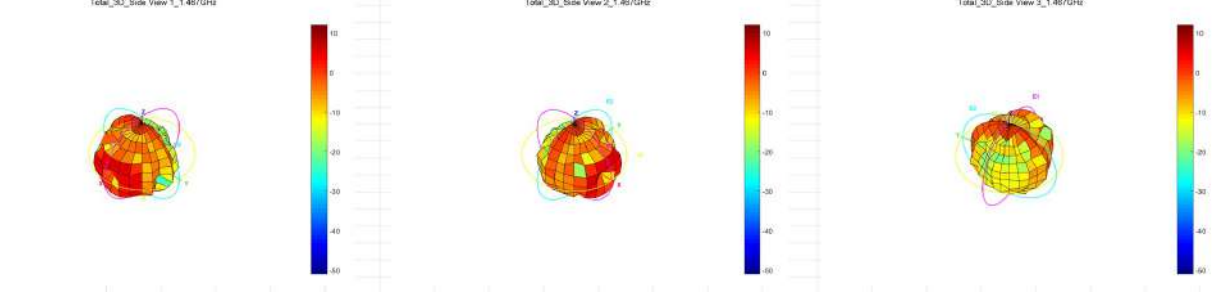
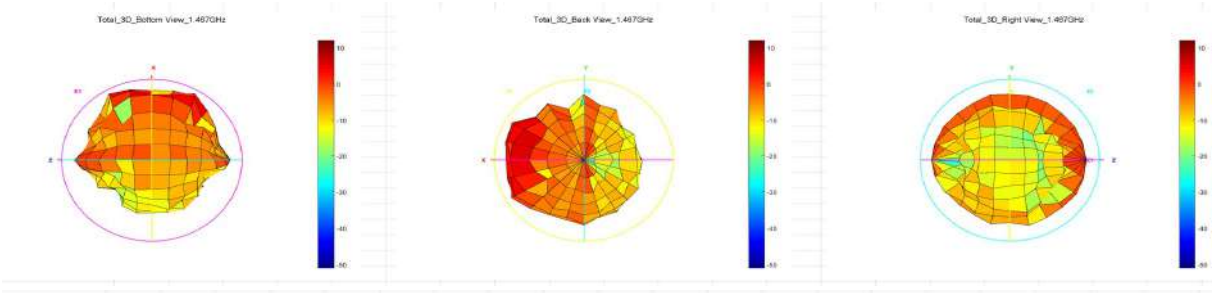
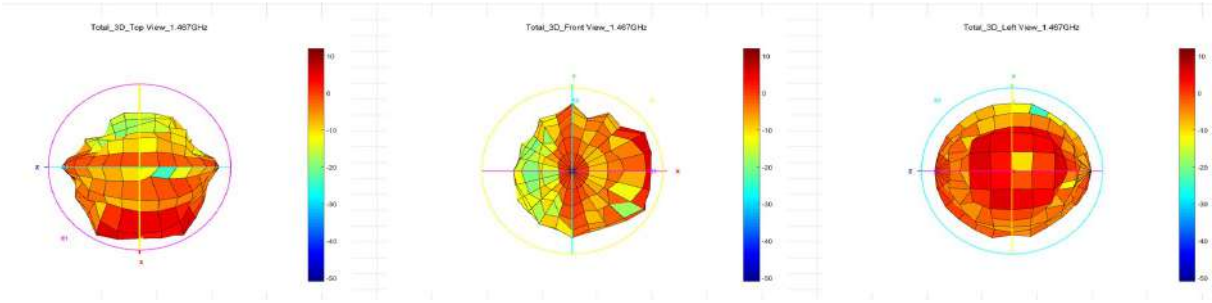
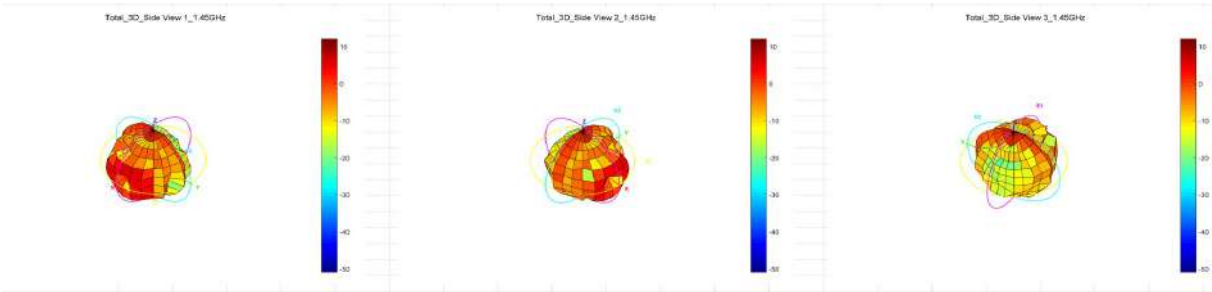
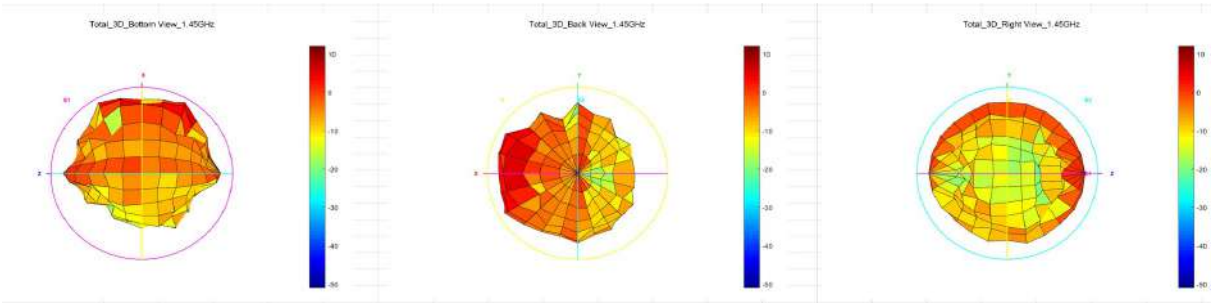
Total_3D_Front View_1.427GHz



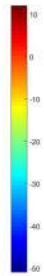
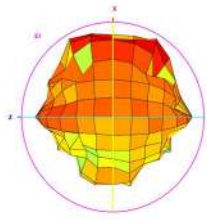
Total_3D_Left View_1.427GHz



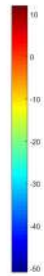
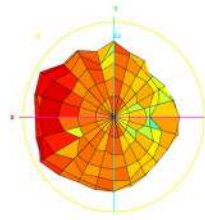




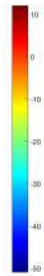
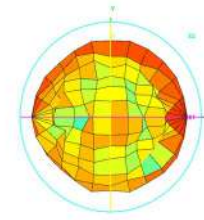
Total_3D_Bottom View_1.5GHz



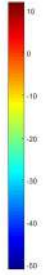
Total_3D_Back View_1.5GHz



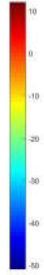
Total_3D_Right View_1.5GHz



Total_3D_Side View 1_1.5GHz



Total_3D_Side View 2_1.5GHz



Total_3D_Side View 3_1.5GHz

