

Outdoor Omni 433Mhz Band Antenna

MODEL: TH-433J

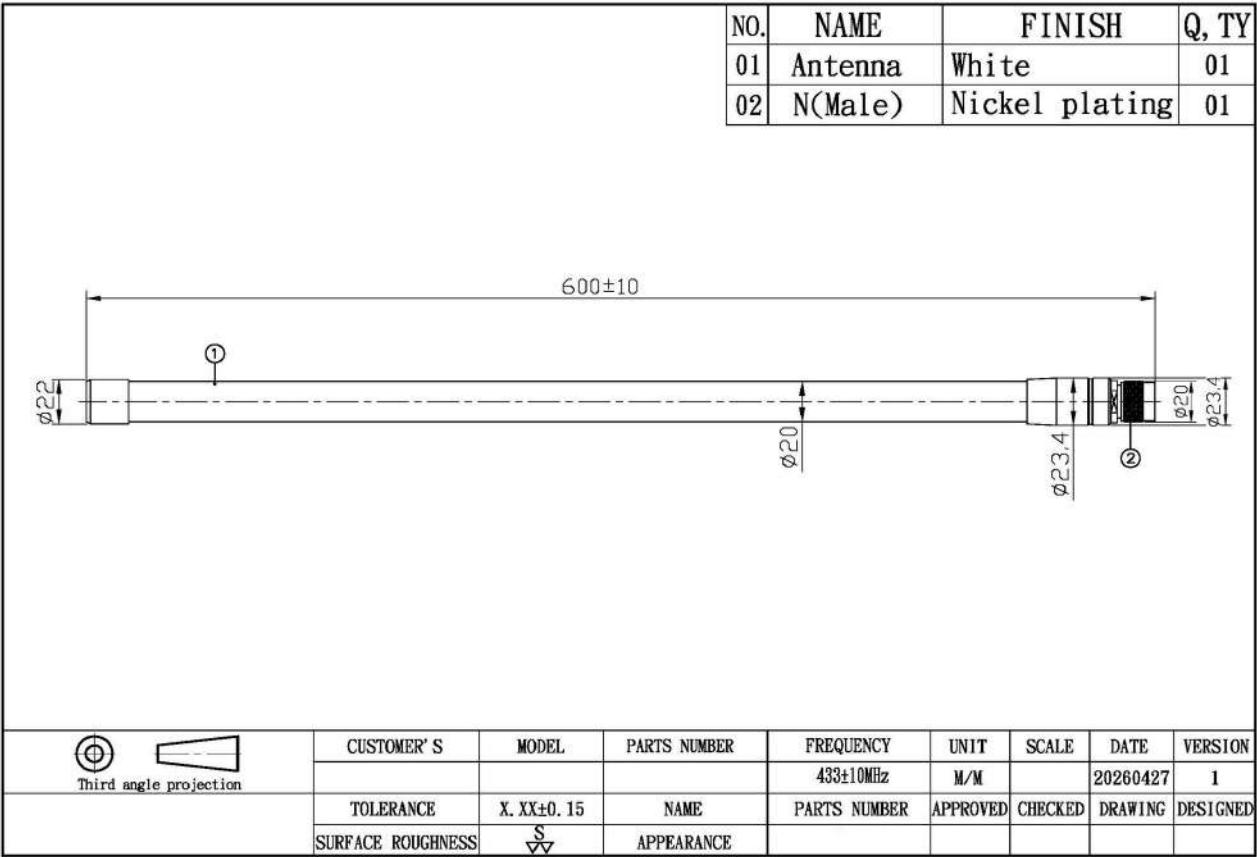


1. Specifications:

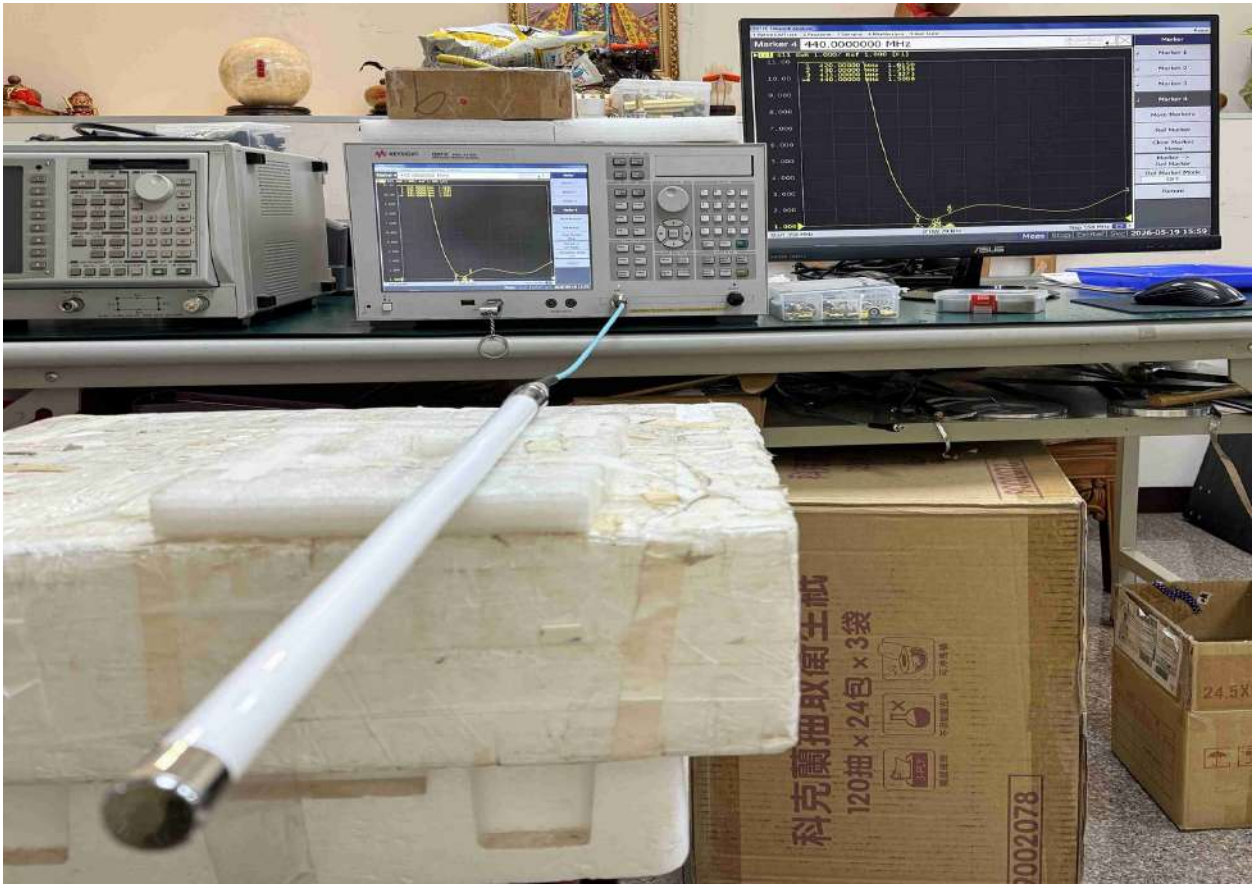
Frequency range:	433Mhz
Gain:	3dBi
V.S.W.R:	2.0
Impedence:	50 ohm
Connector:	N Type male
Dimension:	600mm +/-10 x OD22mm
Weight:	0.29Kg
Polarization :	vertical
Power handling :	50W
Materials :	Fiberglass & copper
Colour :	White
Rated wind velocity :	60m/s
Working Temperature :	-40~60°C
Lightning Protection :	Direct Ground

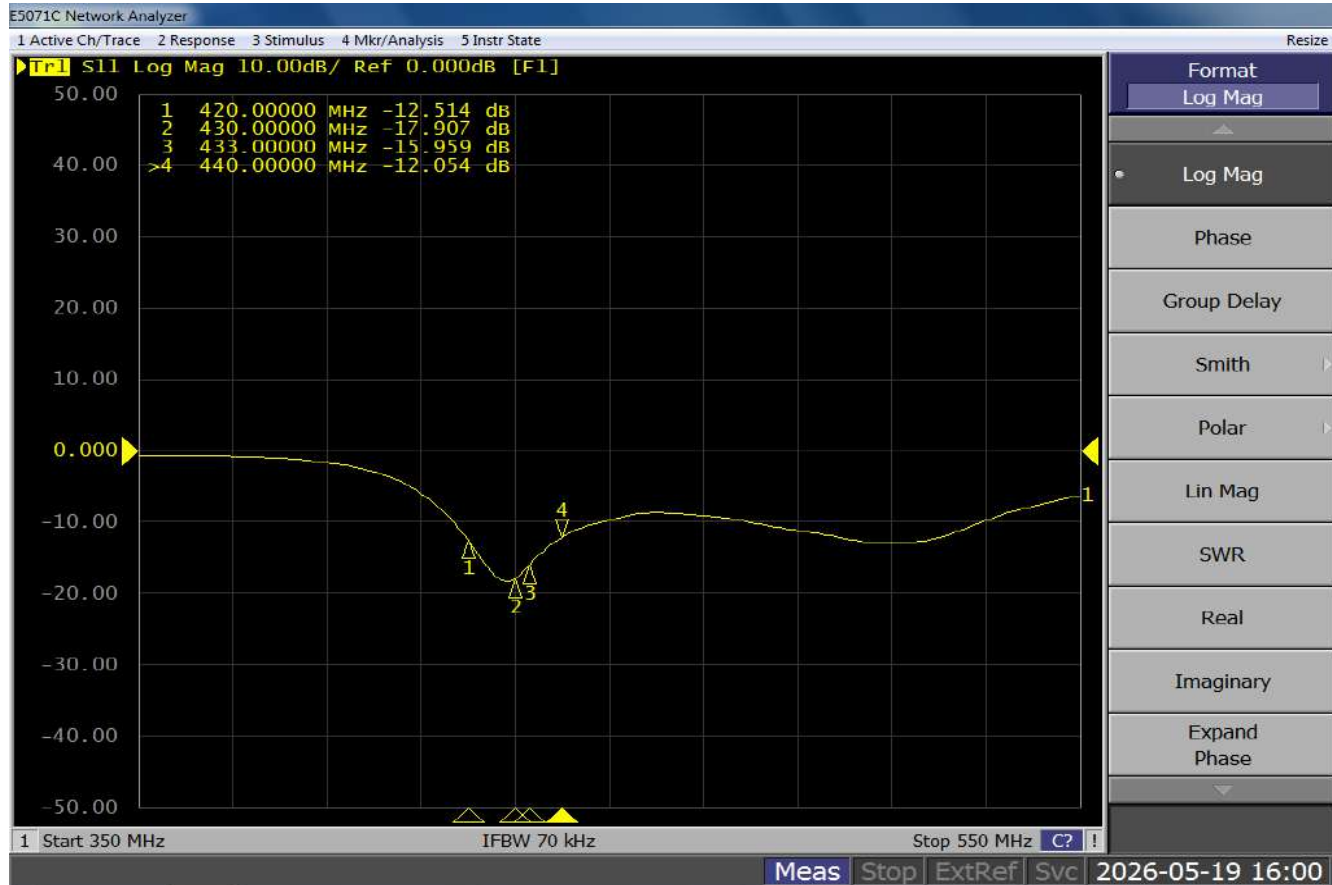
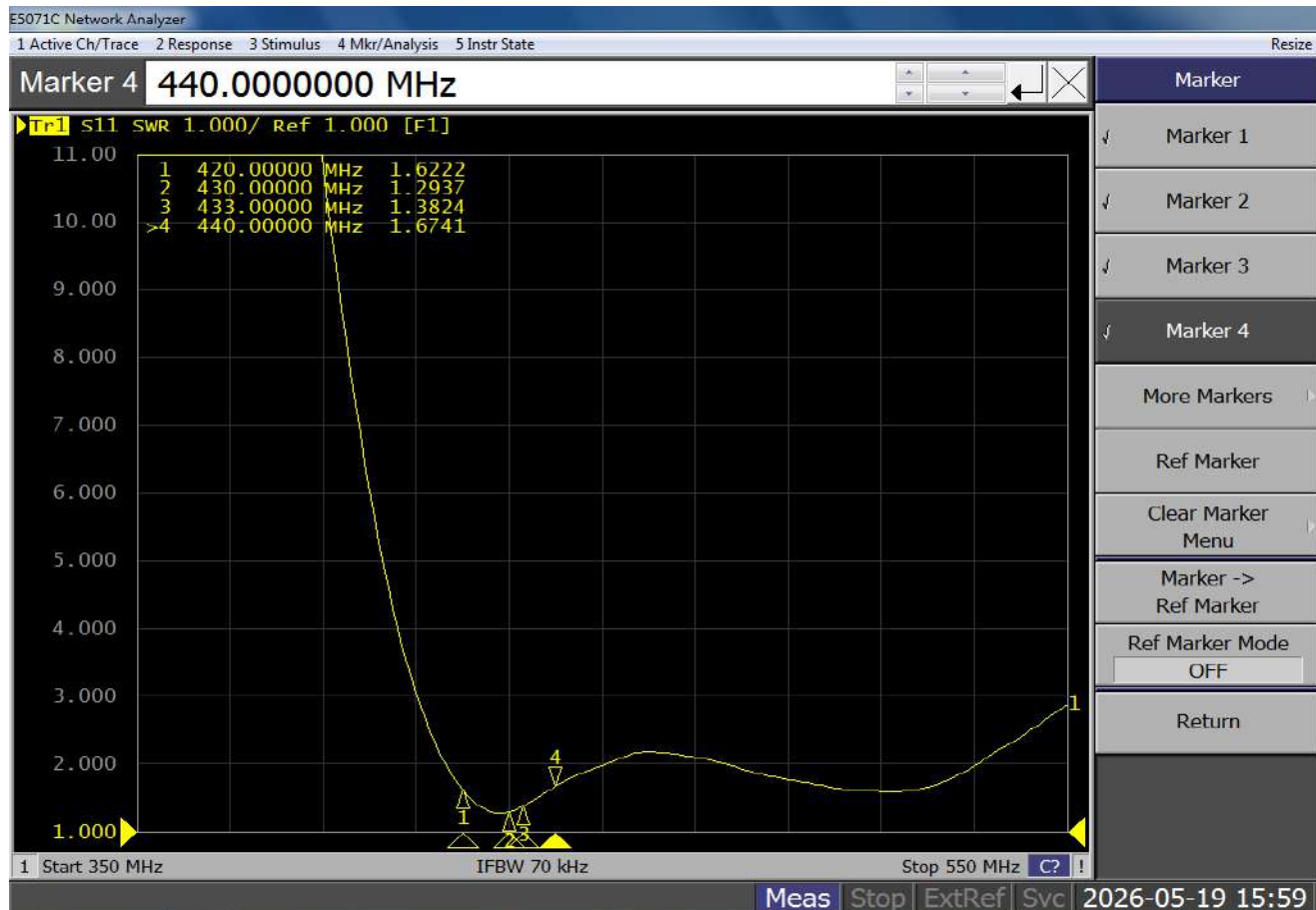
* This specification is subject to change without prior notice

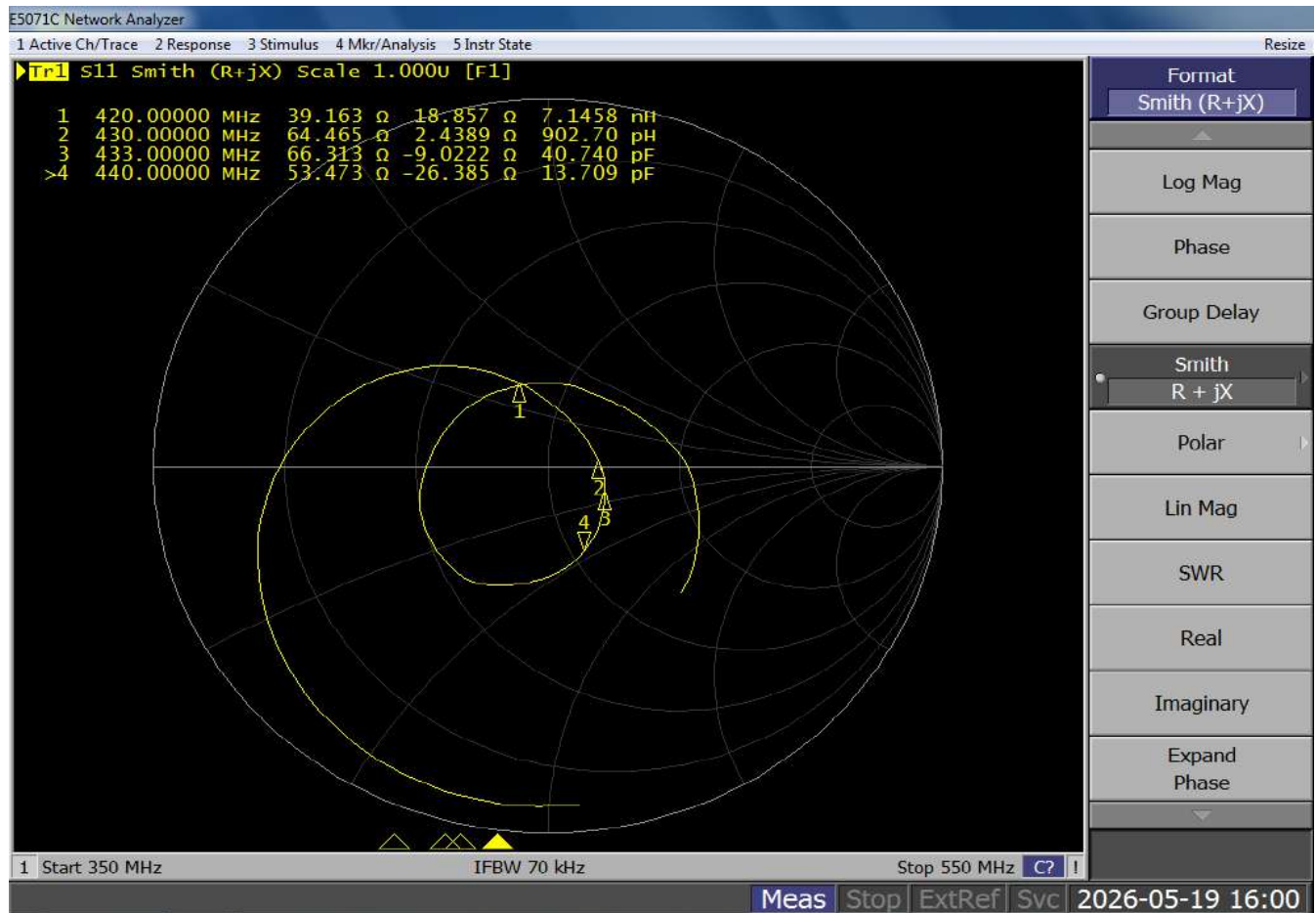
2.APPEARANCE:



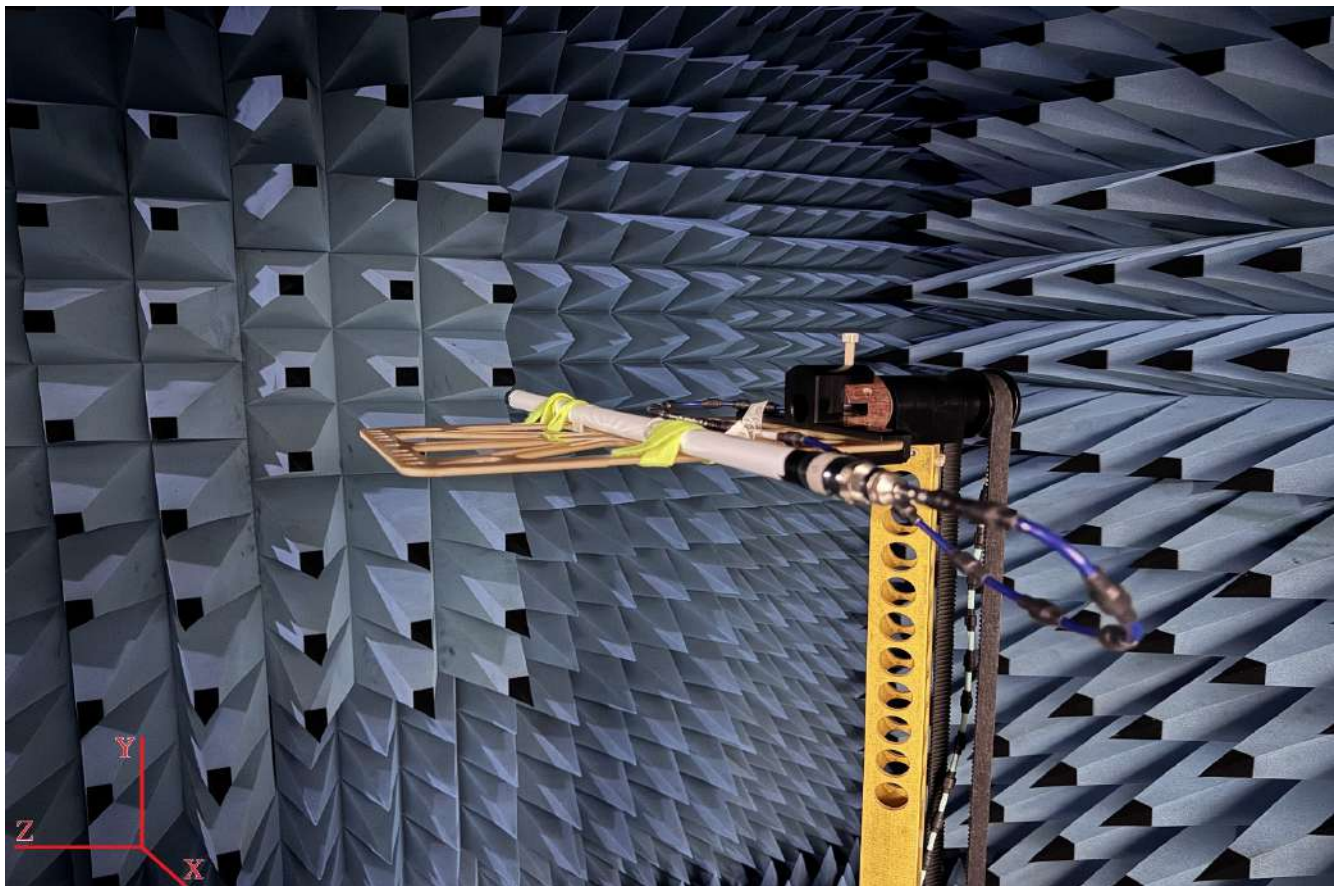
3. FREQUENCY:





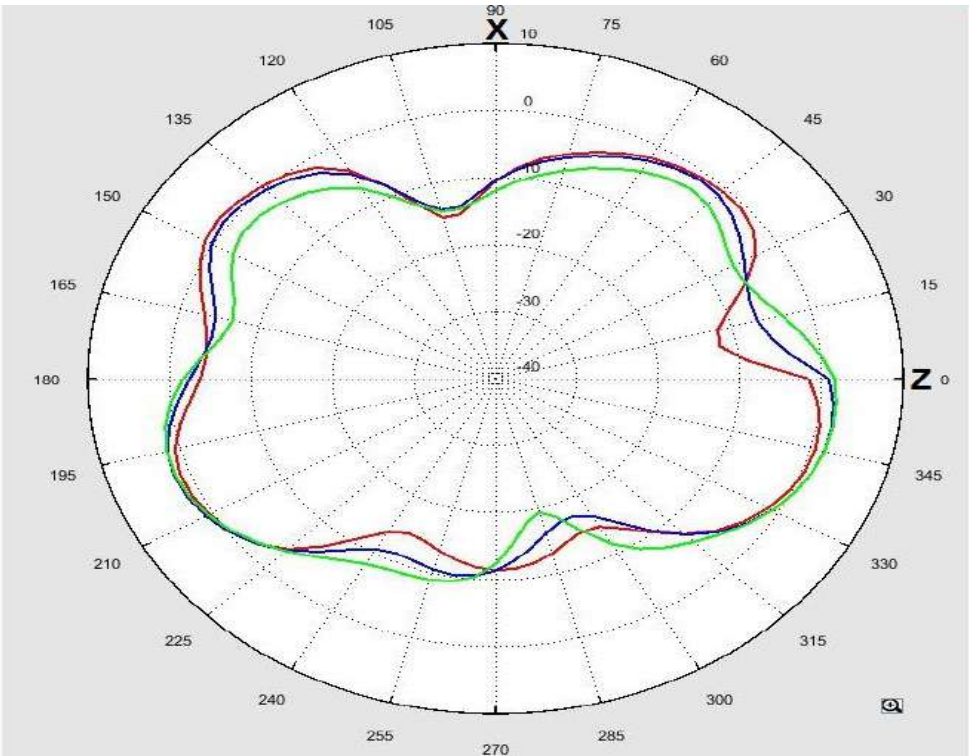


4. Test Environment

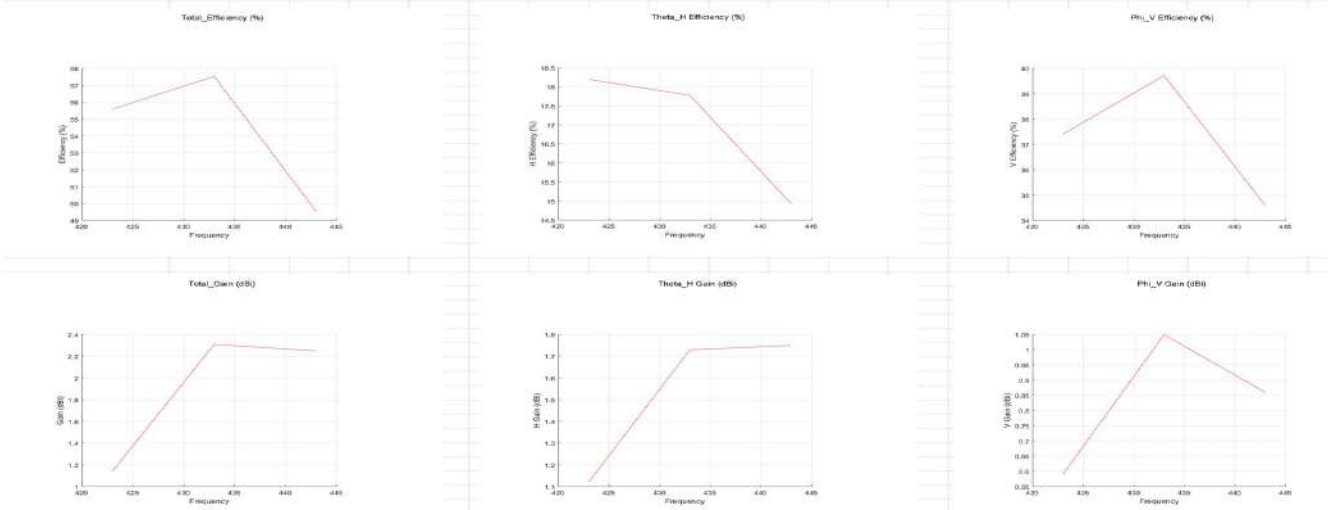


5.Radiation Pattern

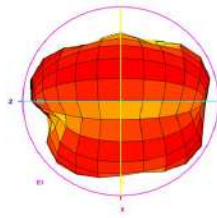
Freq. / Chan.	Color
423MHz	Red
433MHz	Blue
443MHz	Green



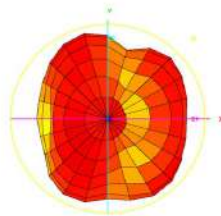
Frequency	423MHz	433MHz	443MHz
Horizontal+Vertical			
Efficiency (%)	55.59	57.54	49.55
Gain (dBi)	3.14	3.31	3.25
Horizontal			
H Efficiency (%)	18.2	17.78	14.93
H Gain (dBi)	2.12	2.73	2.75
Vertical			
V Efficiency (%)	37.41	39.72	34.59
V Gain (dBi)	1.59	2.05	1.86



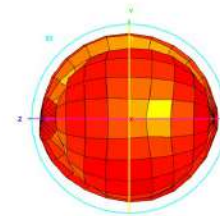
Total_3D_Top View_423MHz



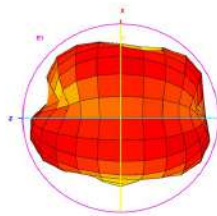
Total_3D_Front View_423MHz



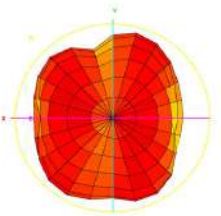
Total_3D_Left View_423MHz



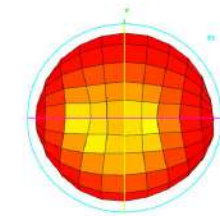
Total_3D_Bottom View_423MHz



Total_3D_Back View_423MHz



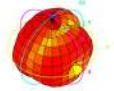
Total_3D_Right View_423MHz



Total_3D_Side View 1_423MHz



Total_3D_Side View 2_423MHz



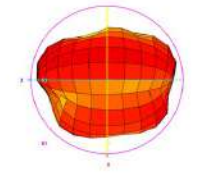
Total_3D_Side View 3_423MHz



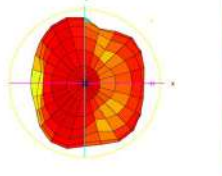
Total_3D_Side View 4_423MHz



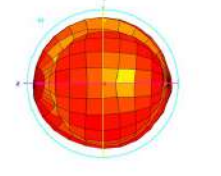
Total_3D_Top View_433MHz



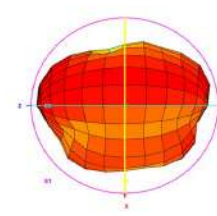
Total_3D_Front View_433MHz



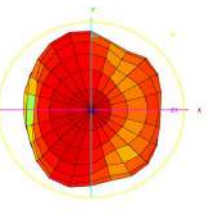
Total_3D_Left View_433MHz



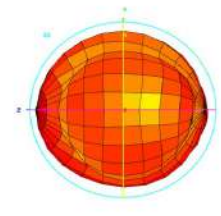
Total_3D_Top View_443MHz



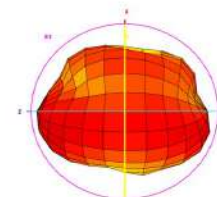
Total_3D_Front View_443MHz



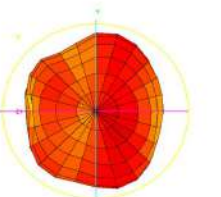
Total_3D_Left View_443MHz



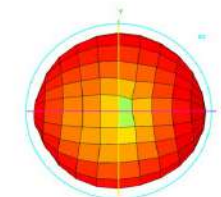
Total_3D_Bottom View_443MHz



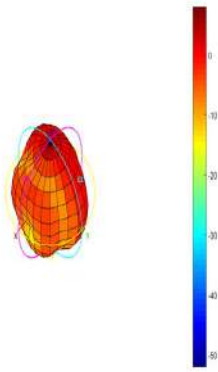
Total_3D_Back View_443MHz



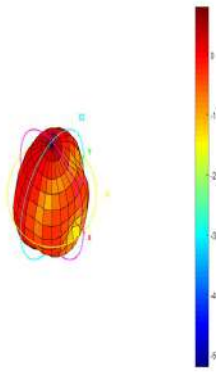
Total_3D_Right View_443MHz



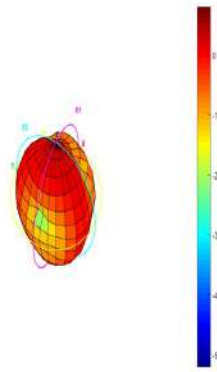
Total_3D_Side View 1_443MHz



Total_3D_Side View 2_443MHz



Total_3D_Side View 3_443MHz



Total_3D_Side View 4_443MHz

