

ANTENNA SPECIFICATION

Summary

ITEM	ANT SPEC					
Model Name	FM ANT					
Center Frequency Gain	Horizontal			Vertical		
	87MHz	98MHz	108MHz	87MHz	98MHz	108MHz
	-0.69	0	-0.34	-0.6	-0.01	-0.35
MAX Gain	0					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	14.40mm					
Manufacture						

Antenna Photo & Length (mm)

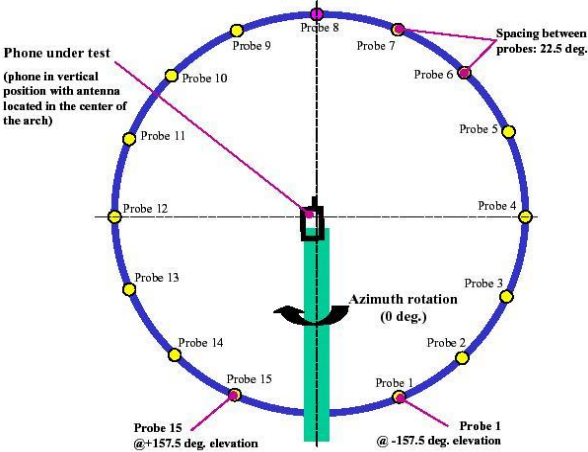
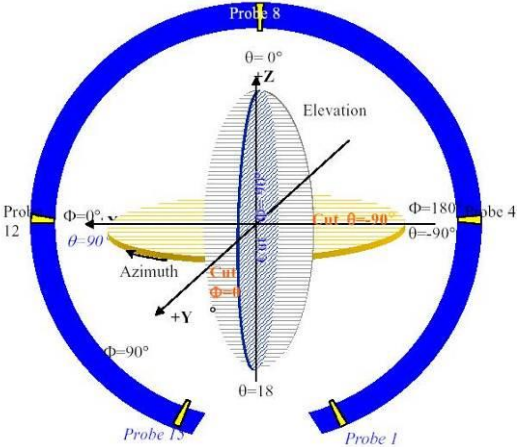


3D Radiation Pattern:

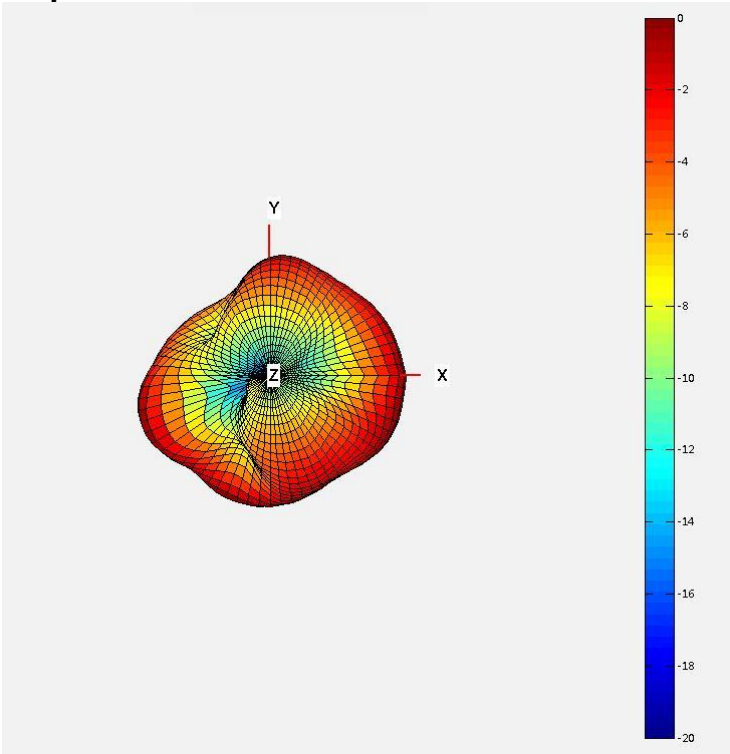
Test environment :

Room temperature : 25°C Humidity : 45%

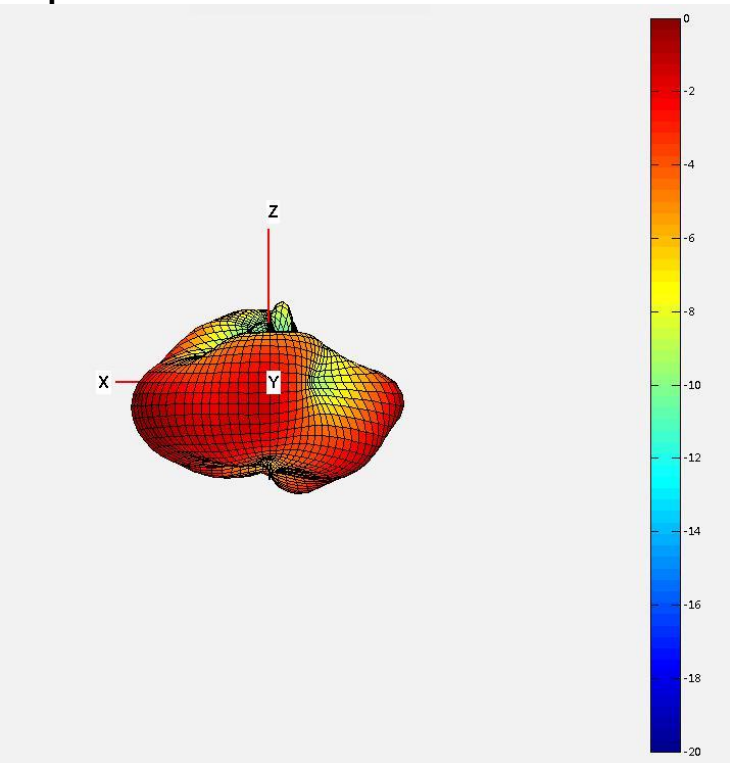
Test schematic:



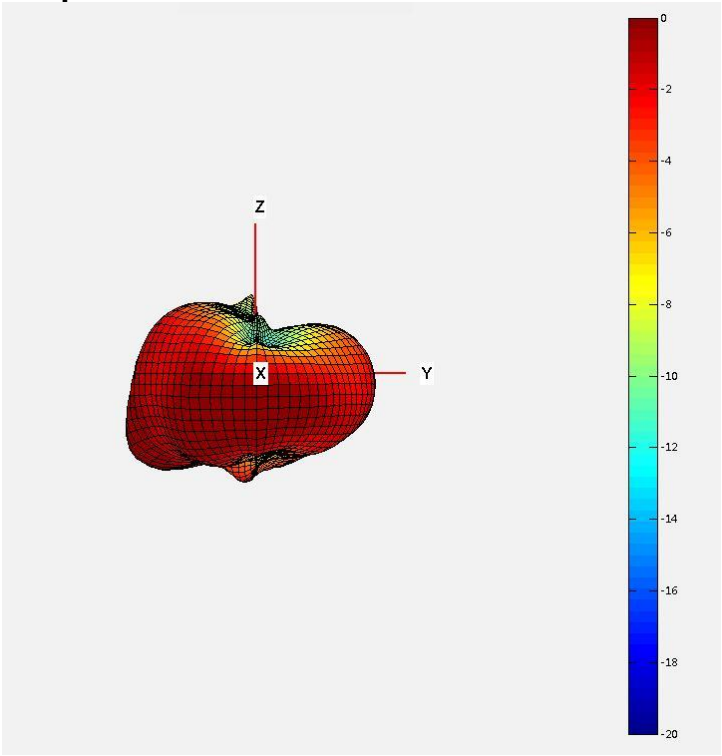
87MHz X-Y plane



98MHz X-Z plane



108MHz Y-Z plane



Passive Performance:

Frequency (MHz)	Total Gain (dBi)	Efficiency (%)
87	-0.69	15.08
98	0	16.13
108	-0.34	12.32