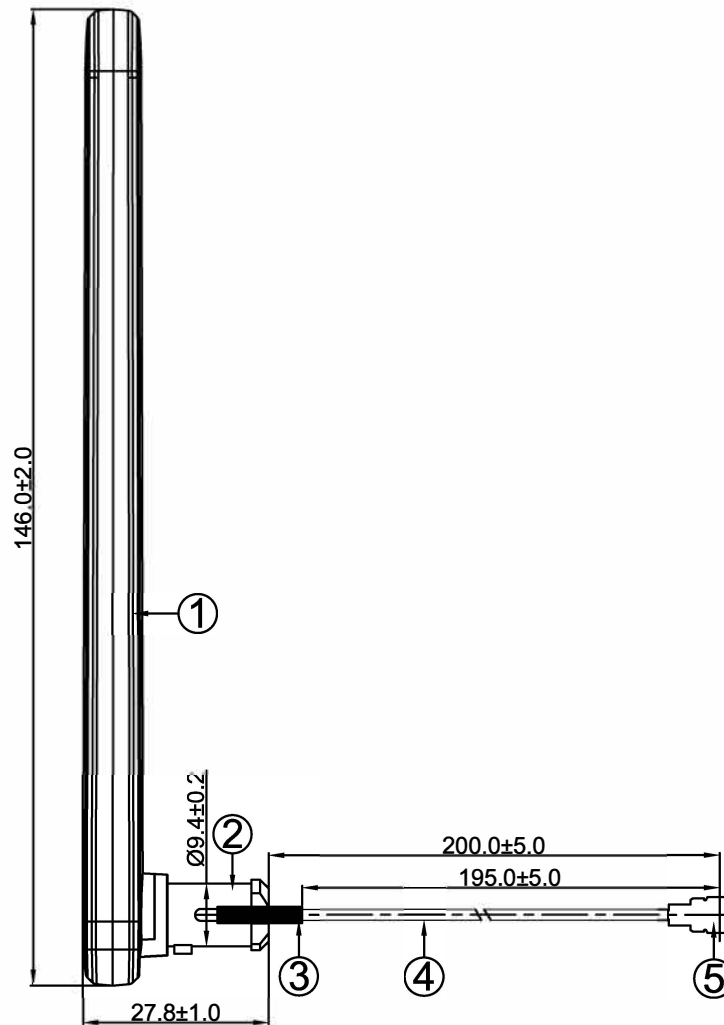


CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2024-12-03
B		



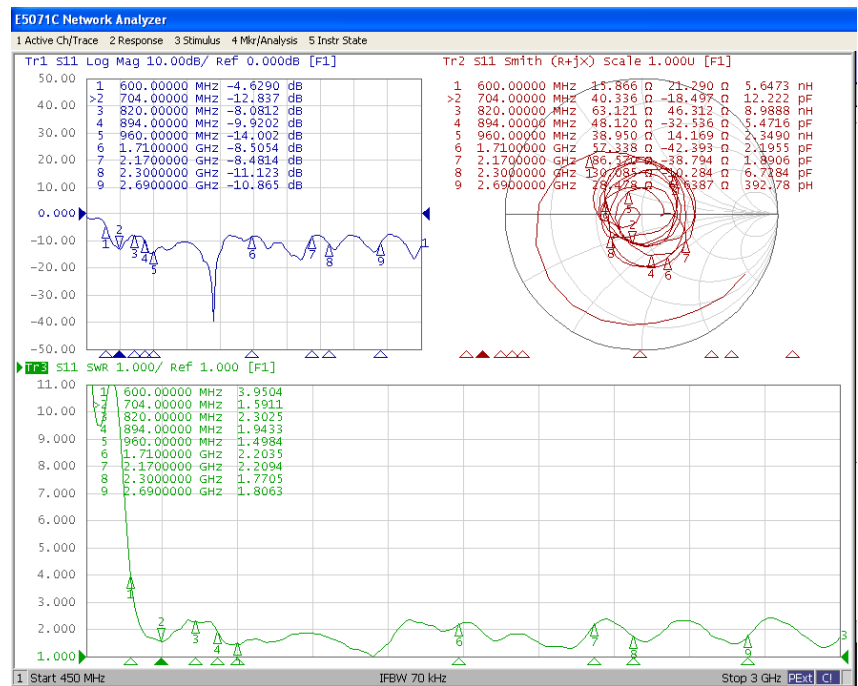
	EVA	
	PCB	
	p	,

天线规格
Antenna Specification

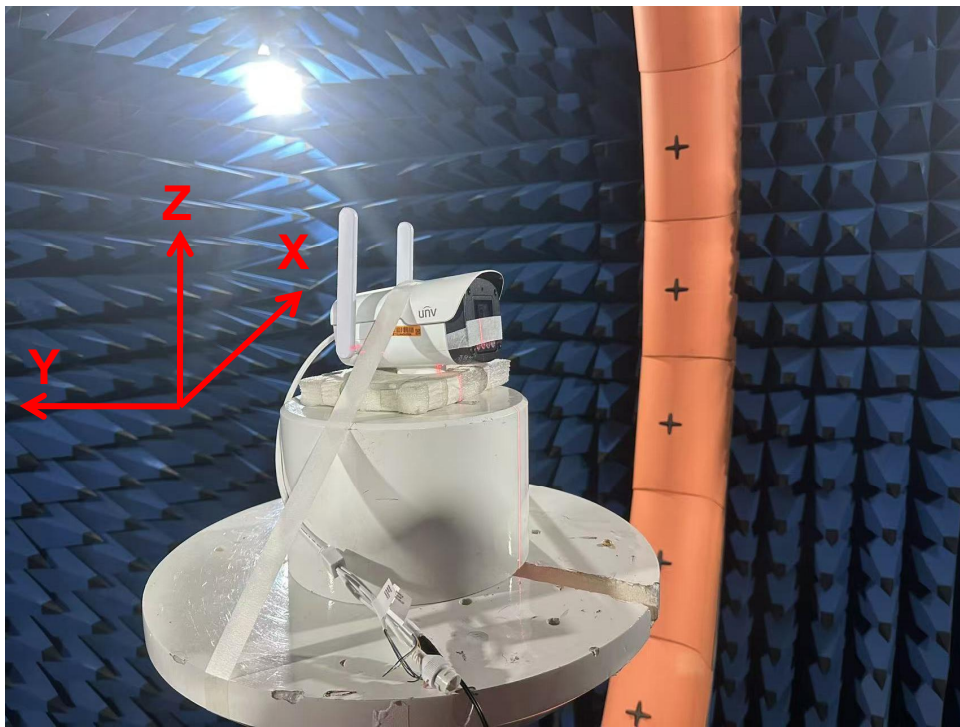
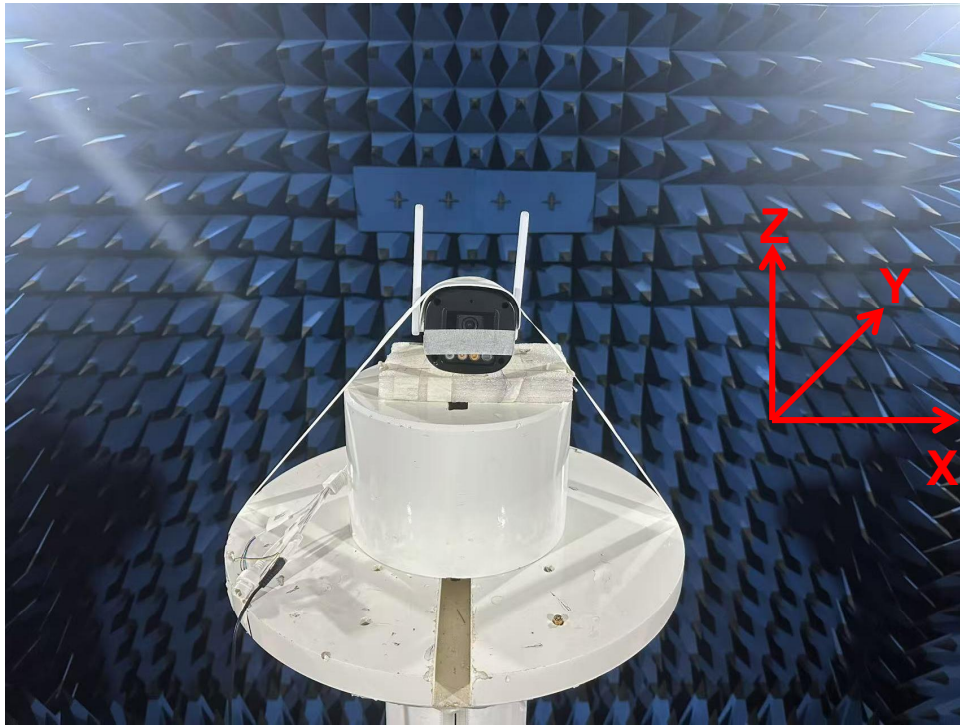
Electrical Properties	
Frequency	600-960MHz 1710-2690MHz
Impedance	50 Ohm Nominal
V.S.W.R	4.0 Max@600-960MHz 2.5 Max@1710-2690MHz
Gain	2.1 dBi@600-960MHz 5.3 dBi@1710-2690MHz
Radiation	Omni-directional
Polarization	Linear
Physical Properties	
Connector	1代IPEX
Cable Type	O.D.1.13mm
Cable Length	200mm
Cable Color	Black
Operating Temp	-20~+70℃
Storage Temp	-20~+70℃

Antenna Performance Test

**Agilent
E5071C
S
Parameter
Test //
LTE
Antenna**



Antenna Passive Test

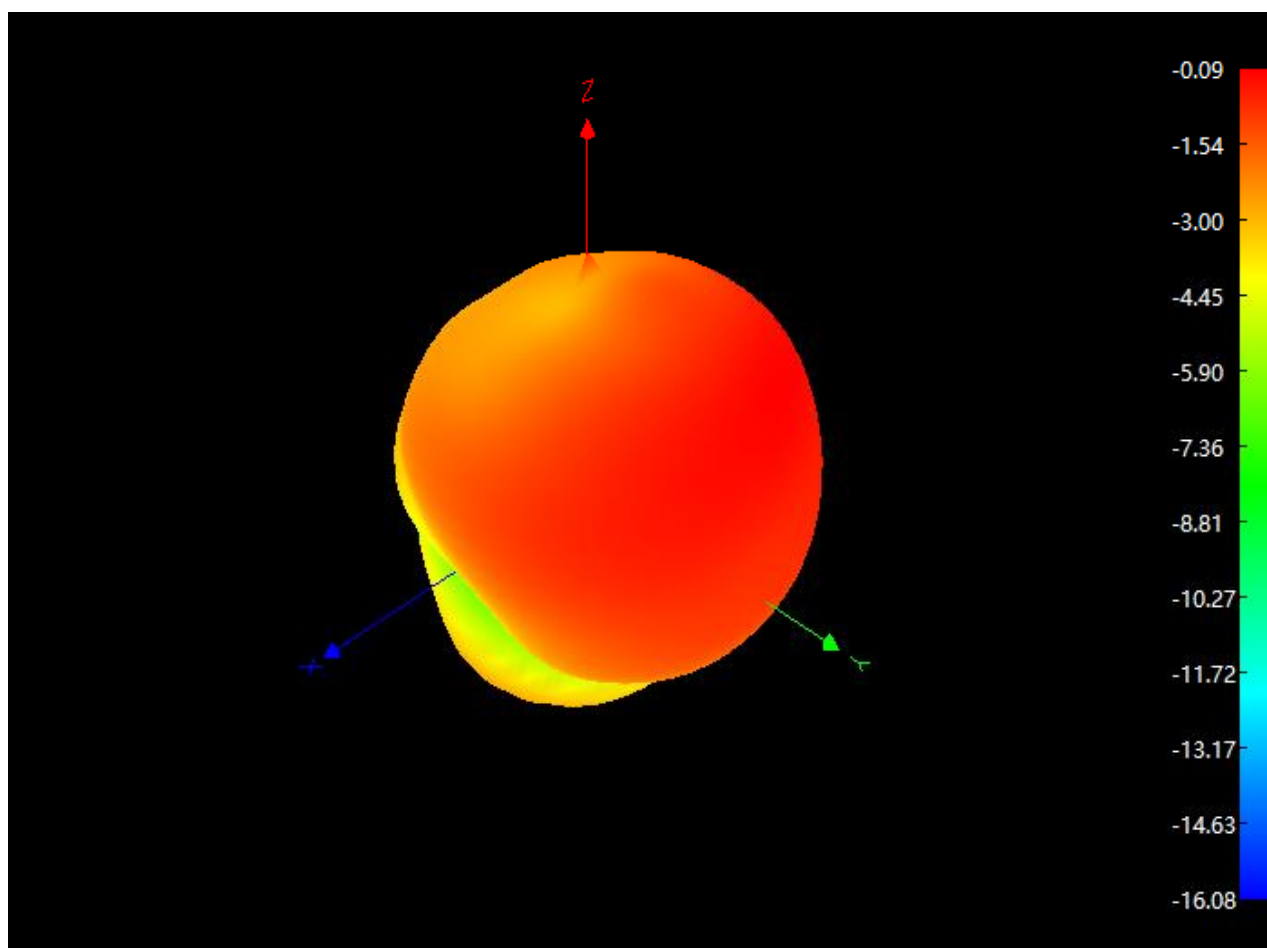


Passive Test For LTE Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
600	29.4	-5.3	-1.6
640	41.0	-3.9	0.8
680	47.0	-3.3	1.2
720	40.9	-3.9	0.1
760	40.2	-4.0	0.6
800	38.4	-4.2	0.8
840	45.2	-3.4	0.8
880	45.1	-3.5	0.7
920	42.2	-3.8	0.5
960	41.8	-3.8	2.1

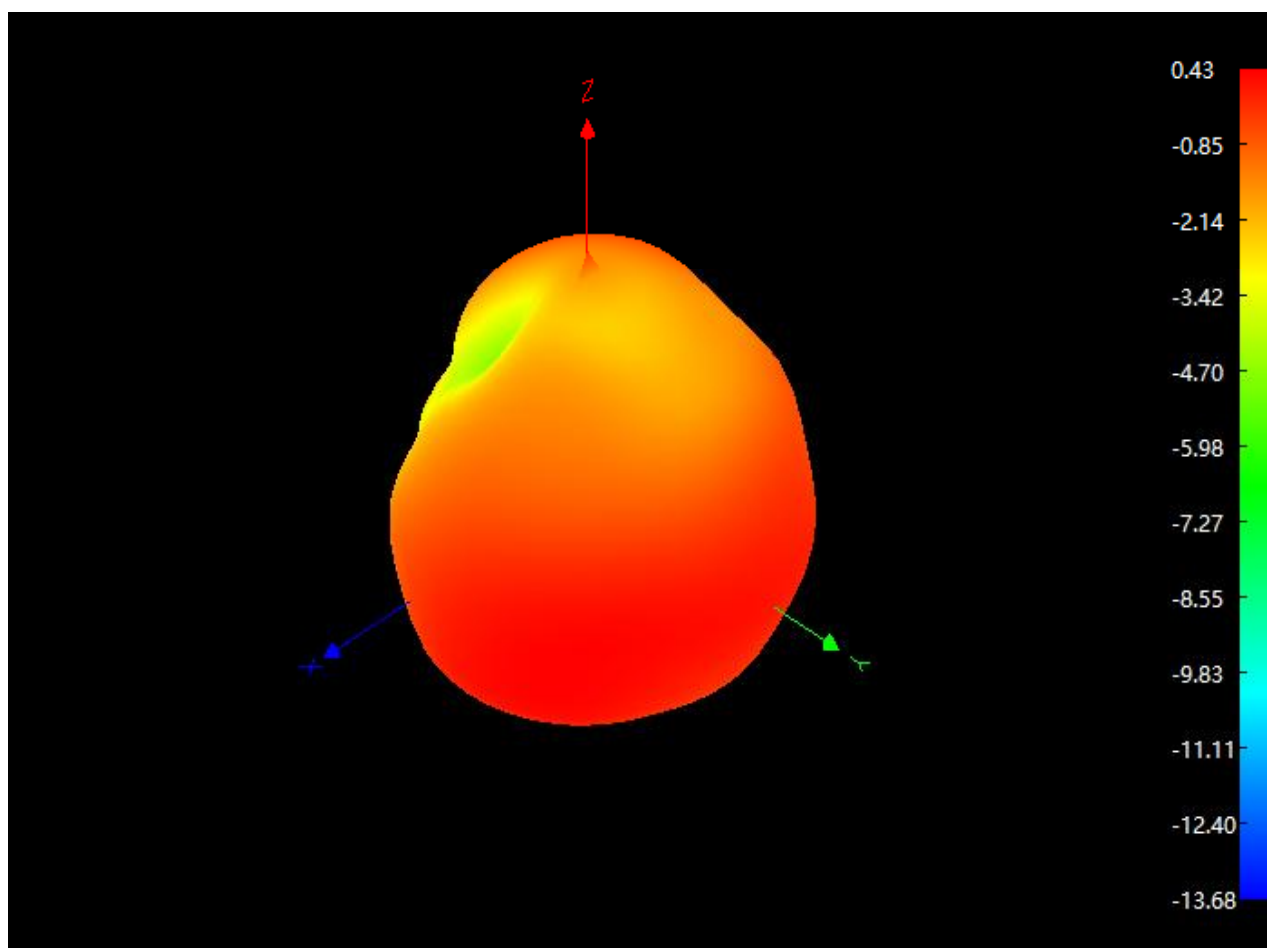
Passive Test For LTE Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1700	55.5	-2.6	4.2
1740	55.1	-2.6	3.7
1780	55.8	-2.5	4.4
1820	46.0	-3.4	3.7
1860	51.3	-2.9	3.9
1900	47.0	-3.3	3.3
1940	54.8	-2.6	5.2
1980	53.9	-2.7	4.9
2020	57.2	-2.4	4.8
2060	56.8	-2.5	5.3
2100	58.4	-2.3	5.3
2140	55.6	-2.5	4.4
2180	51.6	-2.9	4.0

Passive Test For LTE Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2300	52.6	-2.8	2.3
2340	61.0	-2.2	2.4
2380	56.8	-2.5	2.2
2420	59.7	-2.2	1.0
2460	55.3	-2.6	1.0
2500	59.0	-2.3	1.7
2540	54.8	-2.6	0.9
2580	57.3	-2.4	1.9
2620	57.5	-2.4	1.9
2660	56.6	-2.5	1.4
2700	59.3	-2.3	1.4

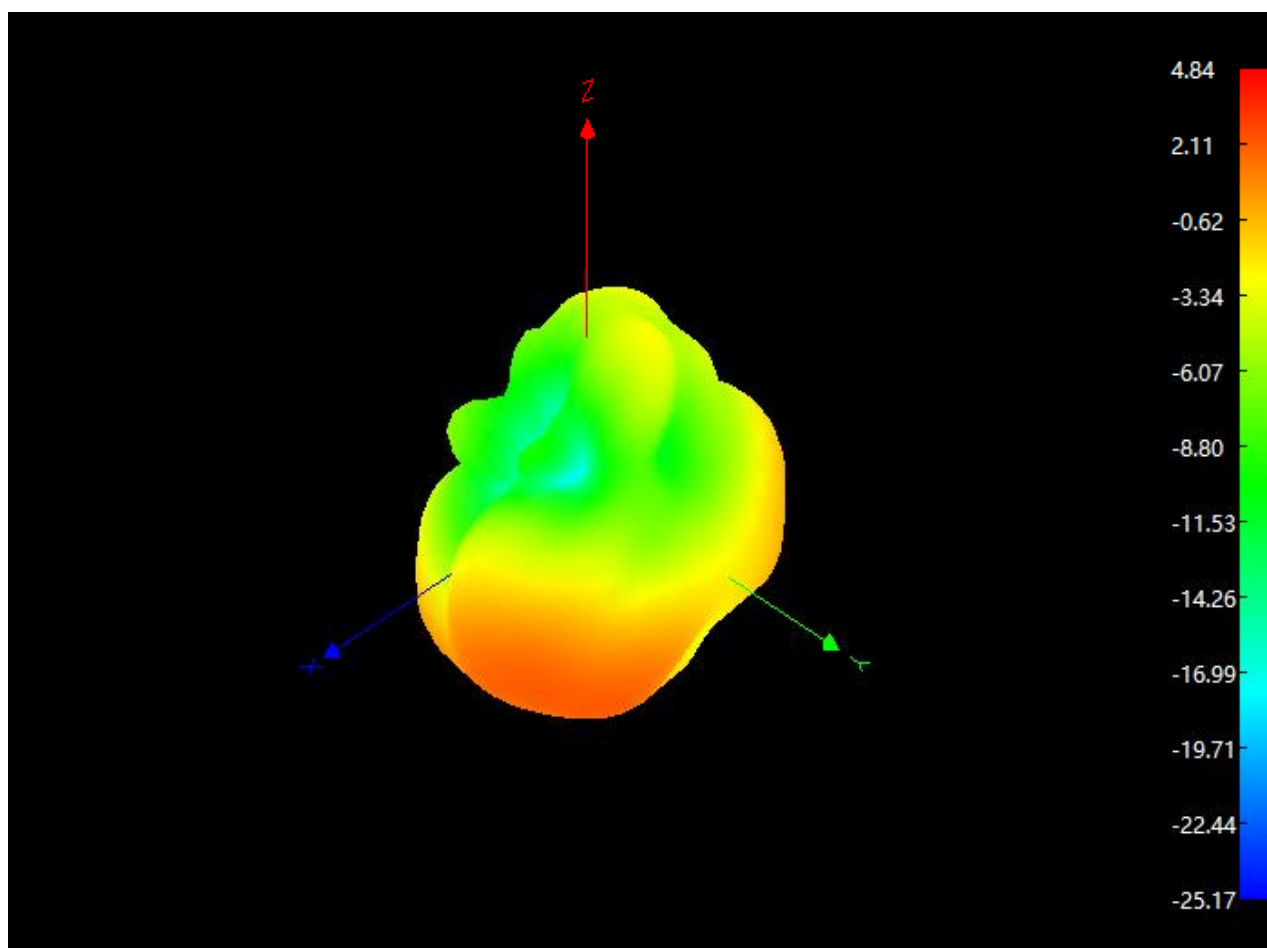
Radiation Pattern For LTE Antenna (690MHz)



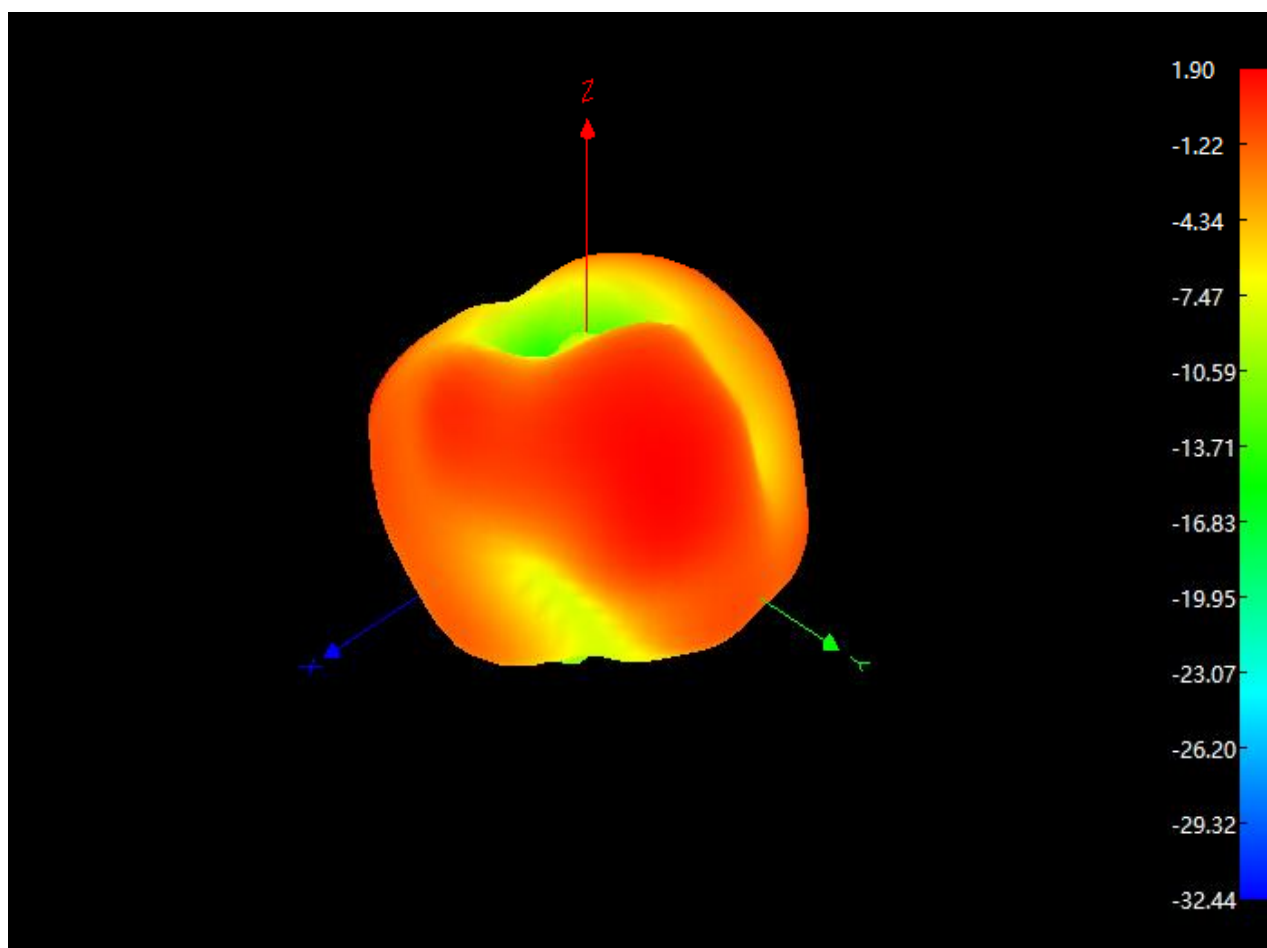
Radiation Pattern For LTE Antenna (860MHz)



Radiation Pattern For LTE Antenna (2020MHz)

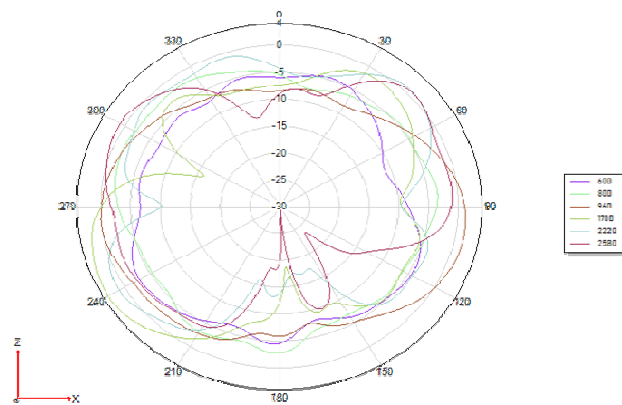


Radiation Pattern For LTE Antenna (2580MHz)

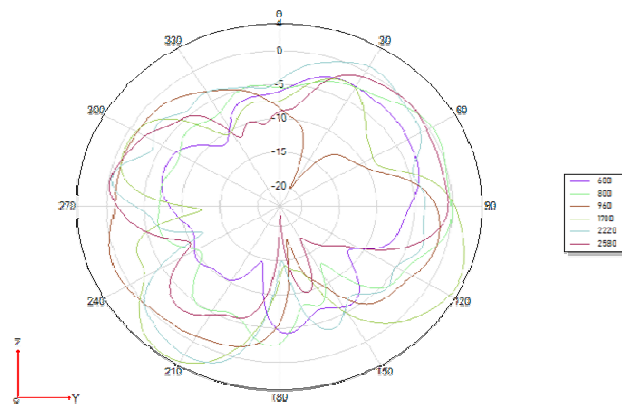


Radiation Pattern For LTE Antenna

Phi 0°



Phi 90°



Theta 90°

