



Product Name: 4G LTE Outdoor Omni Antenna

Part Number: EHN-603L / EHN-603LJ

Feature:

- EHN-603L:
Support 4G LTE 698-960MHz, 1710-2690MHz, 3300-3800MHz
- EHN-603LJ:
Support 4G LTE 698-960MHz, 1500MHz (Japan Band),
1710-2690MHz, 3300-3800MHz
- Robust Enclosure, IP67 Waterproof
- Optional Pole/Wall-Mount Brackets Available to order

Application:

- Gateway/ Router Application
- Machine to Machine Communication

4G LTE Outdoor Omni Antenna

MODEL: EHN-603L / EHN-603LJ

WI-RD-D-137 V1.3

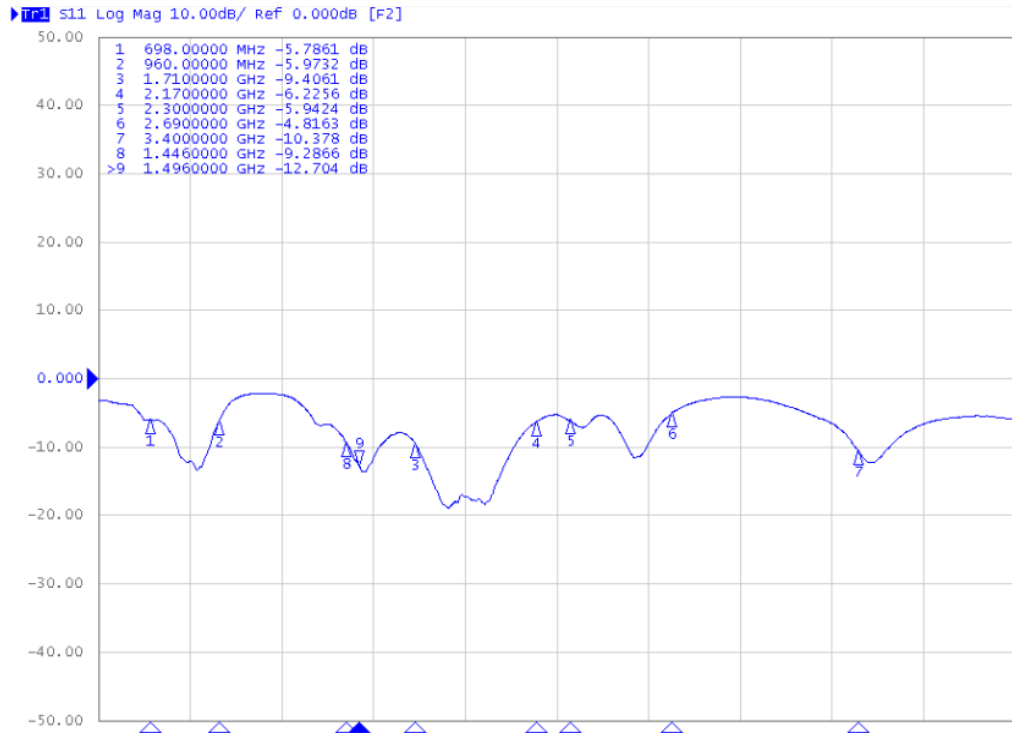
I. Specifications:

Category	Specifications			
Electrical Characteristics				
Polarization	Linear			
Frequencies (MHz)	698 ~ 960	1500	1710 ~ 2690	3300 ~ 3800
Efficiency (%)	64.22	62.95	58.88	55.23
Average Gain (dBi)	-1.92	-2.01	-2.30	-2.58
Peak Gain (dBi)	5.97	2.3	4.92	4.36
V.S.W.R	≤3.5	≤3	≤3.95	≤3.95
Power Handling Capacity	10W			
Cable and Connector				
Impedance (Ω)	50			
Connector	N-Type (male)			
Physical Condition				
Dimension (mm)	φ23.5(D) x 210(L)			
Waterproof	IP67			
Outdoor Suitability	F1			
Environmental Conditions				
Operation Temperature	-40°C ~ +85°C			
Storage Temperature	-40°C ~ +85°C			
Relative Humidity	95% non-condensing			

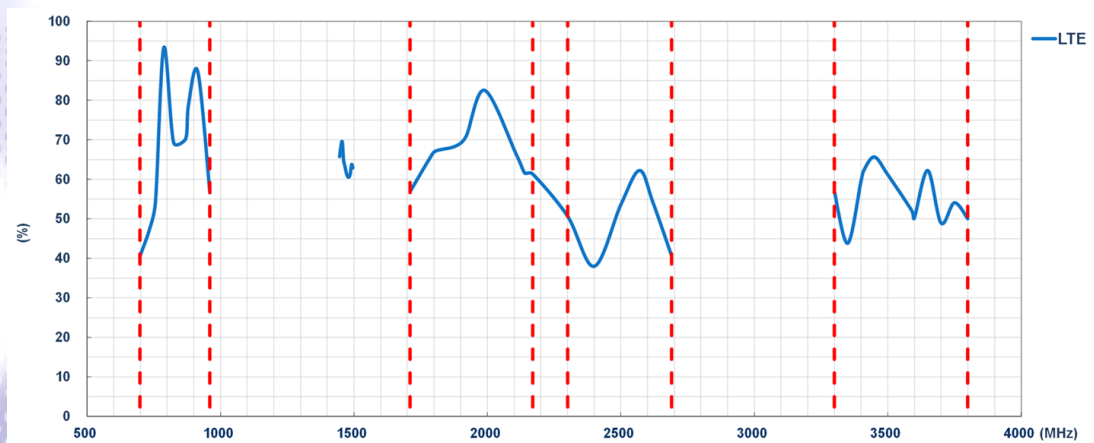
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II. Antenna Technical Parameters:

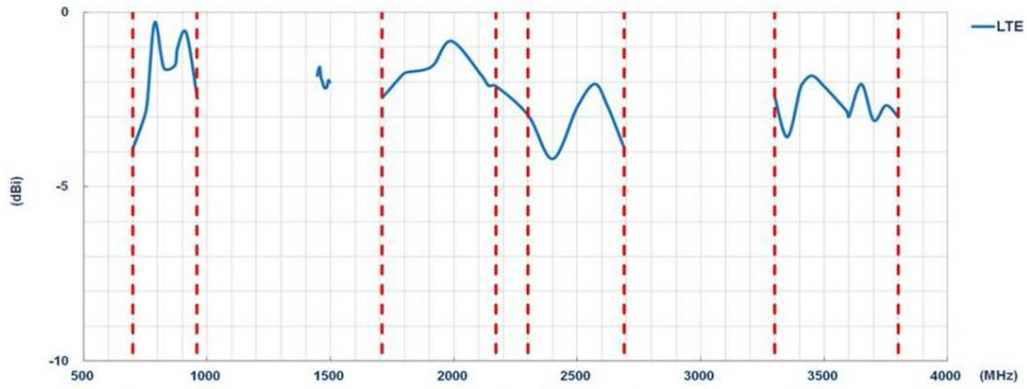
S11 (dB)



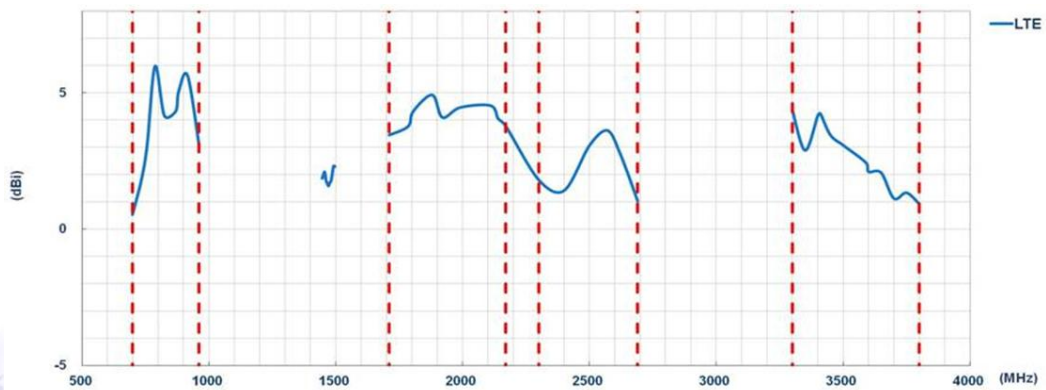
Efficiency (%)



Average Gain (dBi)

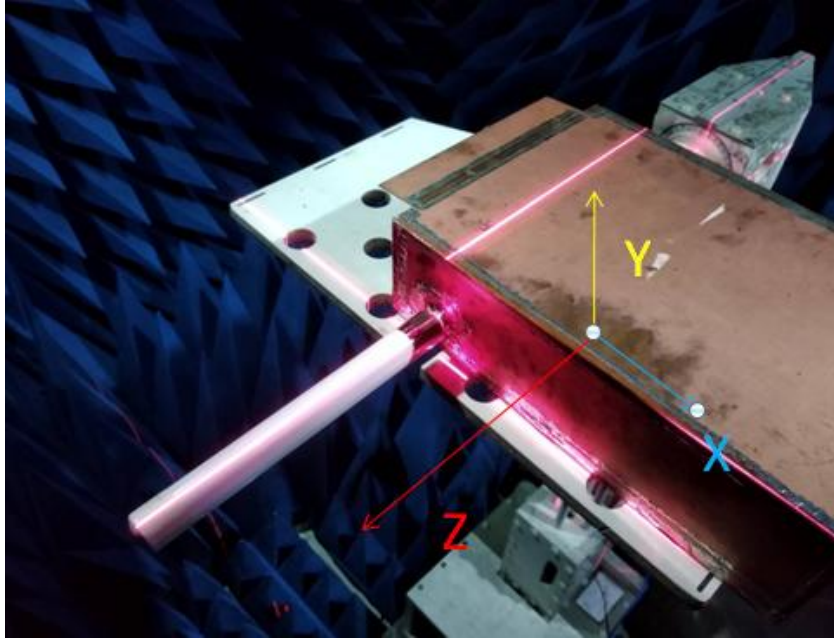


Peak Gain (dBi)



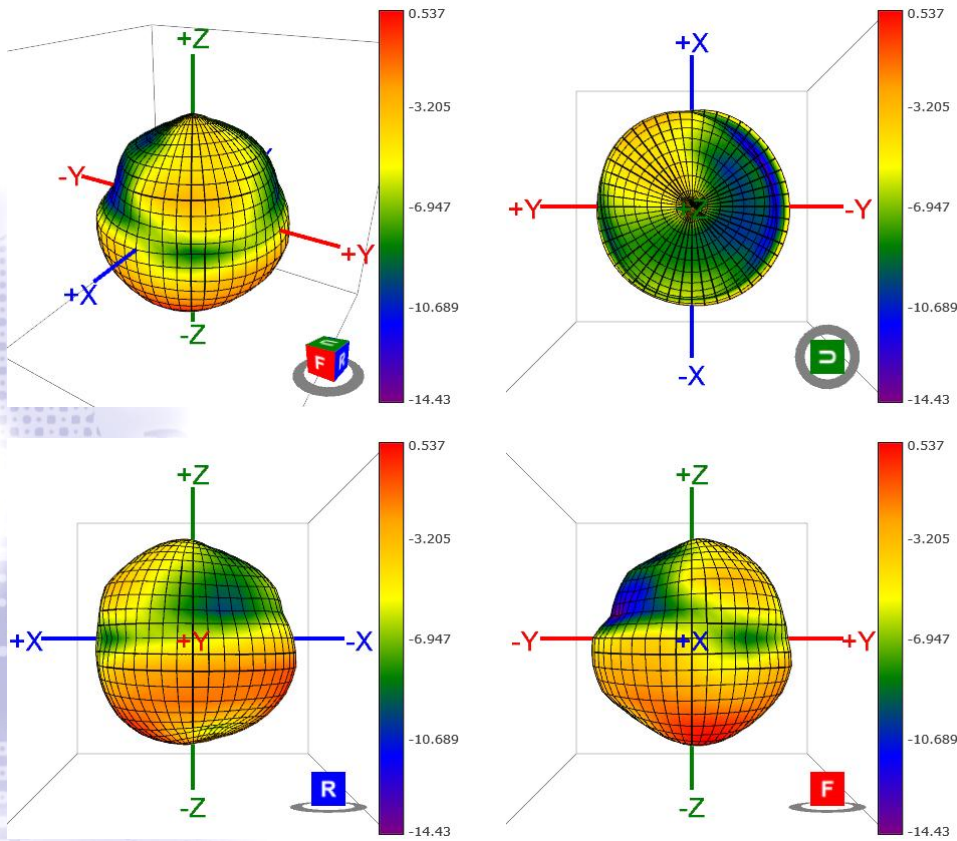
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III. 3D Radiation Pattern:

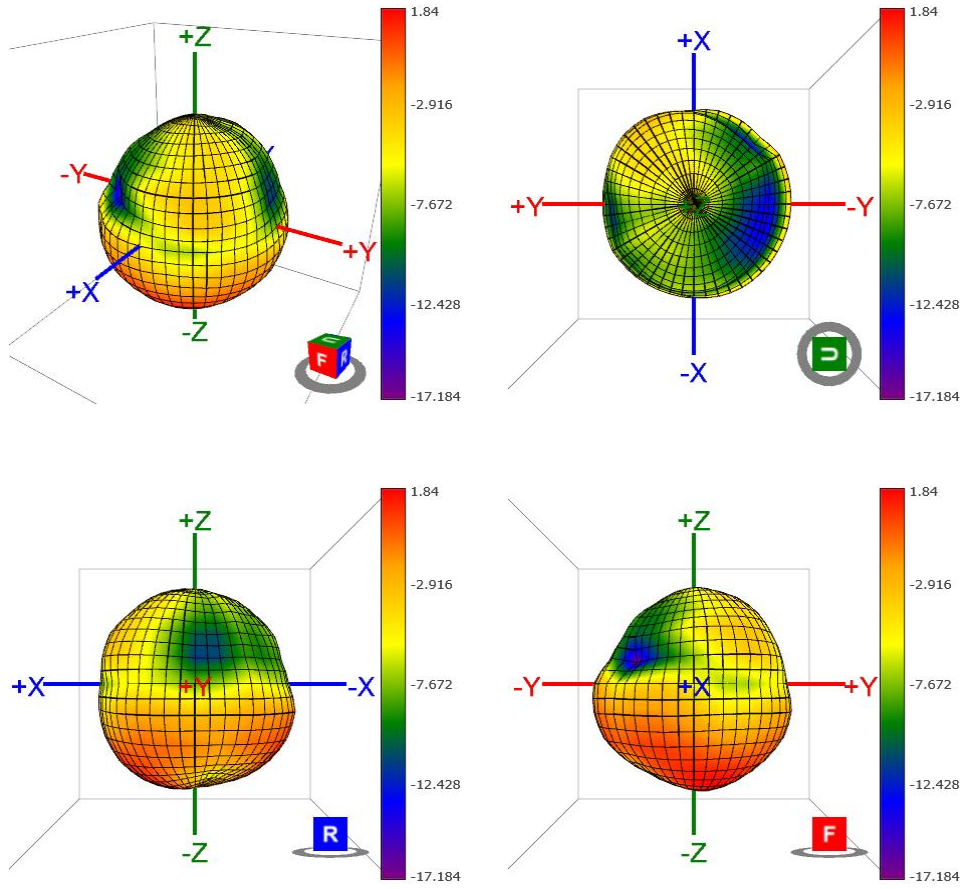


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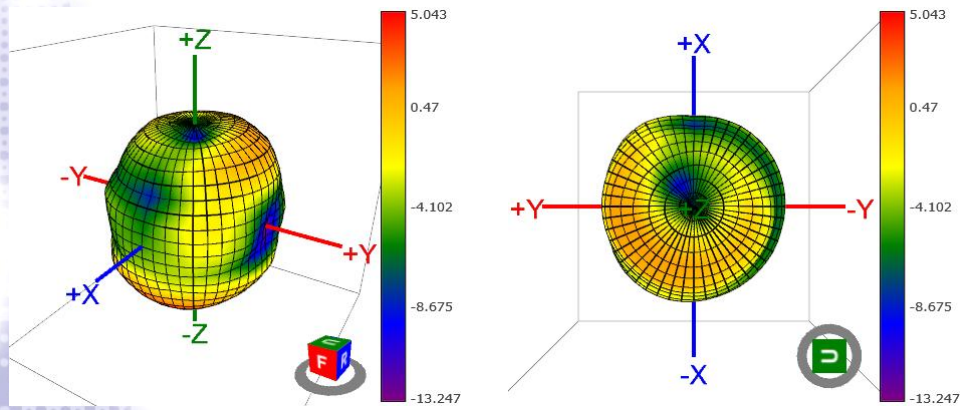
698MHz (dBi)



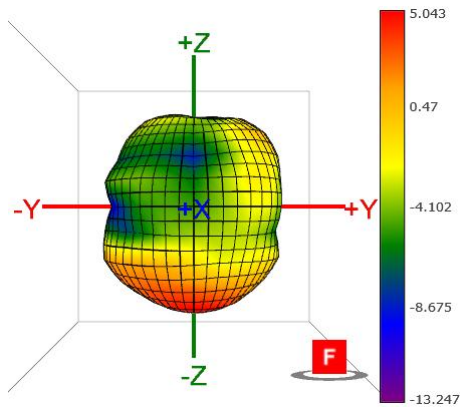
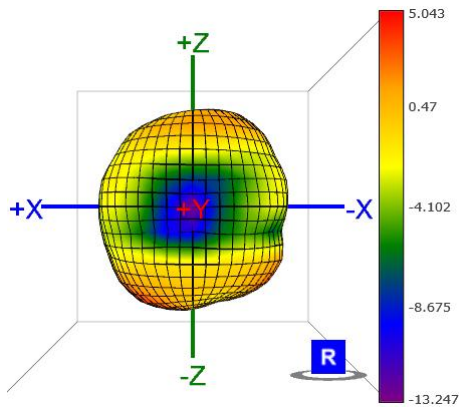
734MHz (dBi)



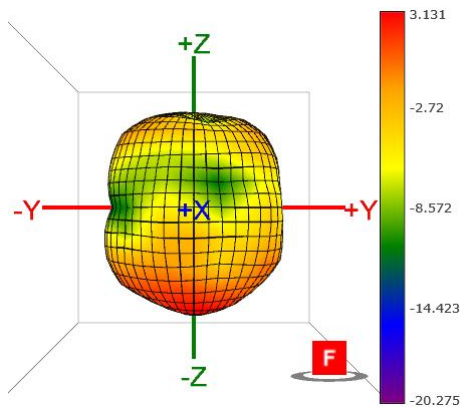
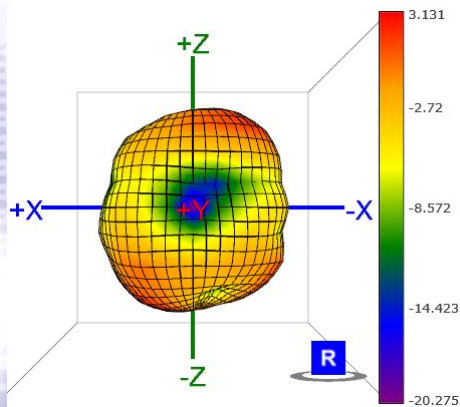
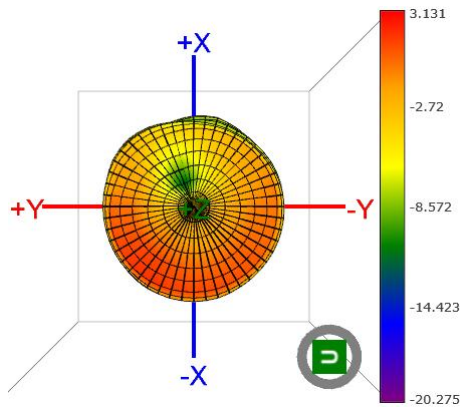
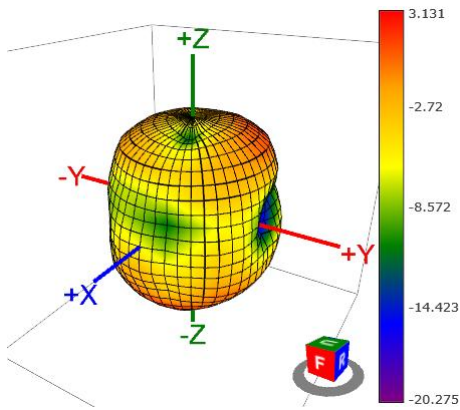
880MHz (dBi)



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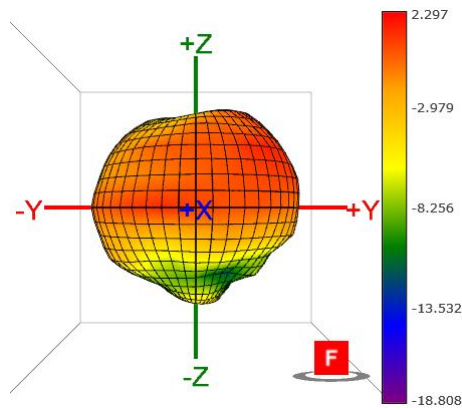
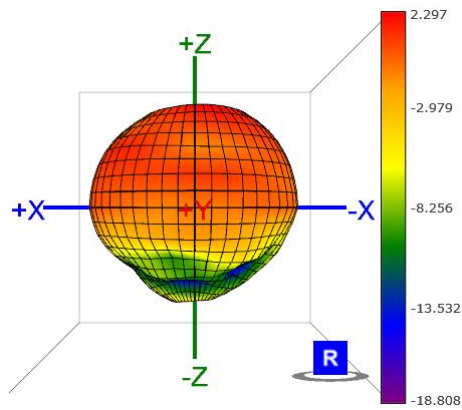
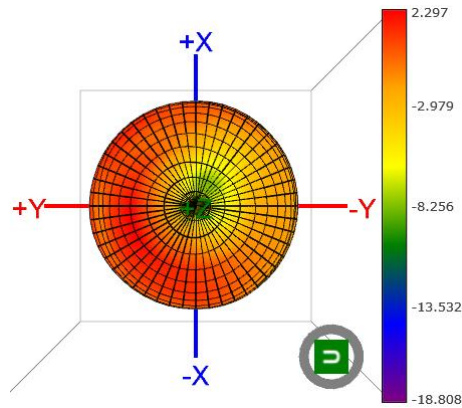
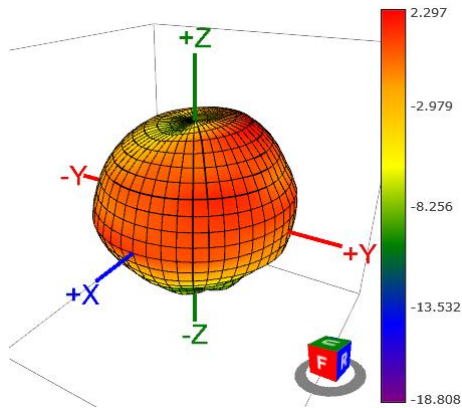


960MHz (dBi)

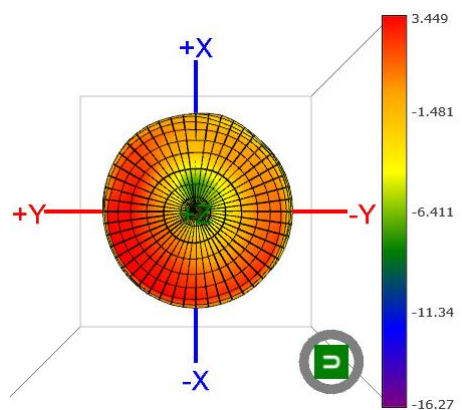
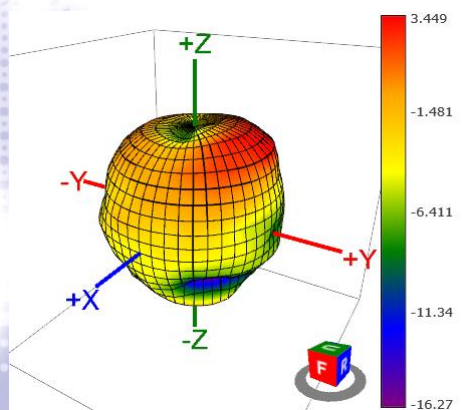


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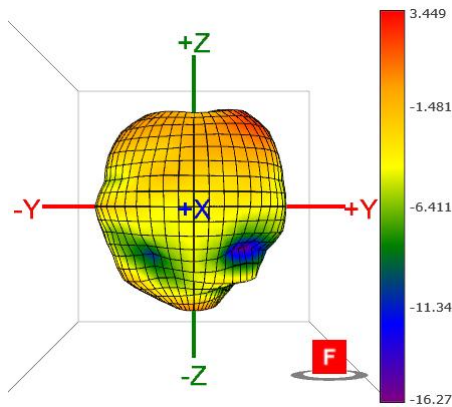
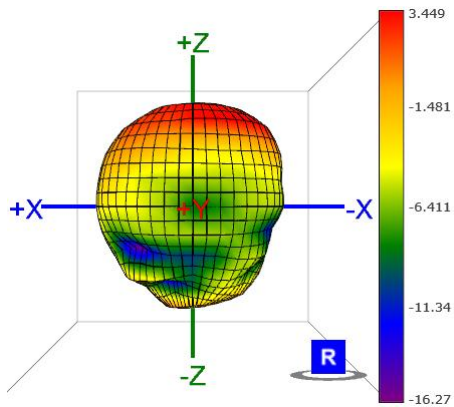
1496MHz (dBi)



1710MHz (dBi)

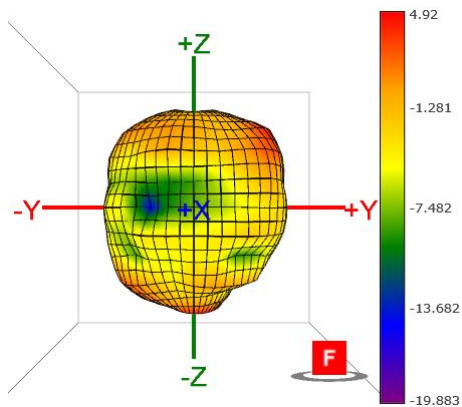
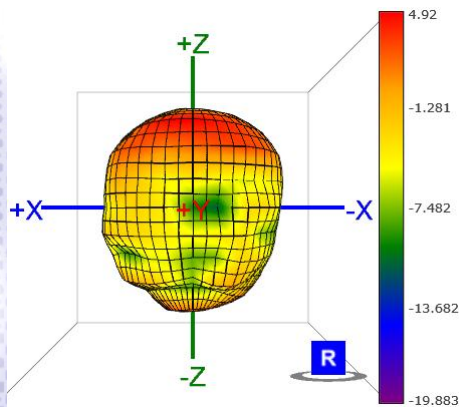
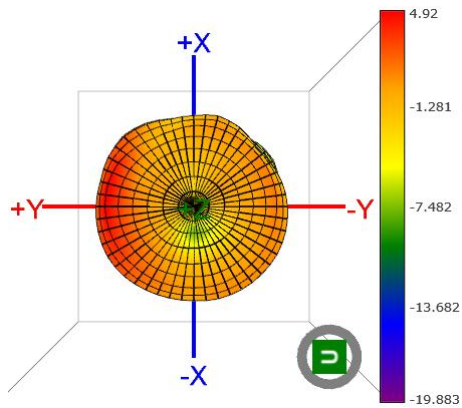
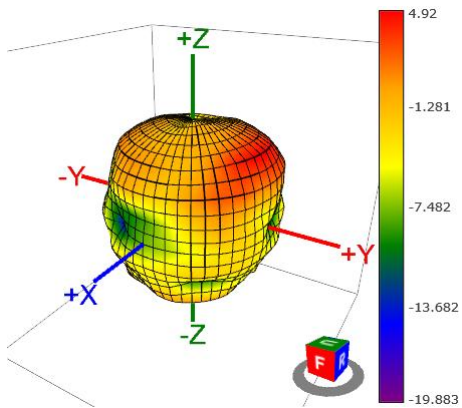


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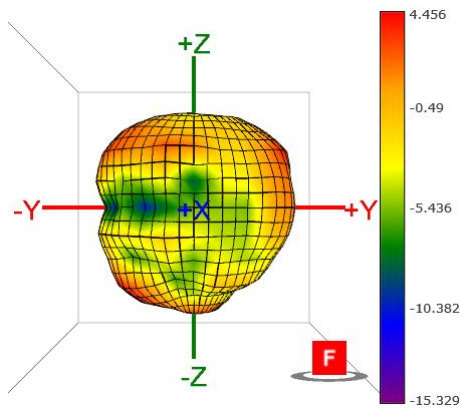
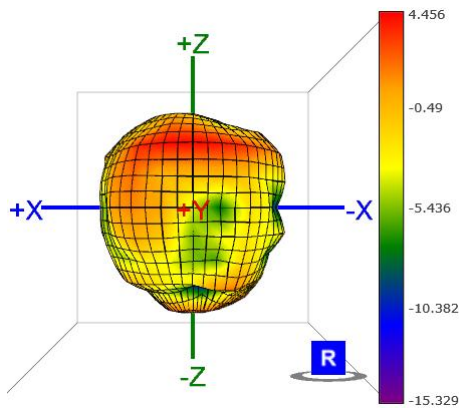
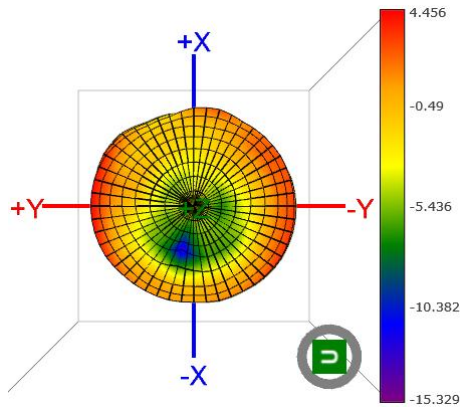
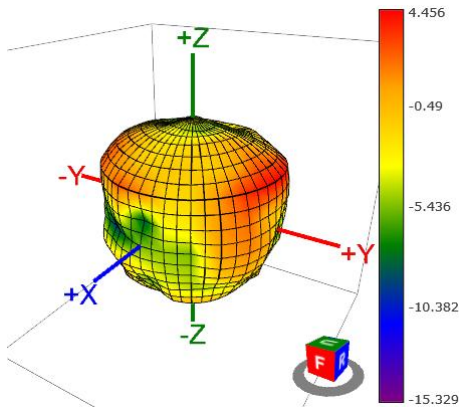


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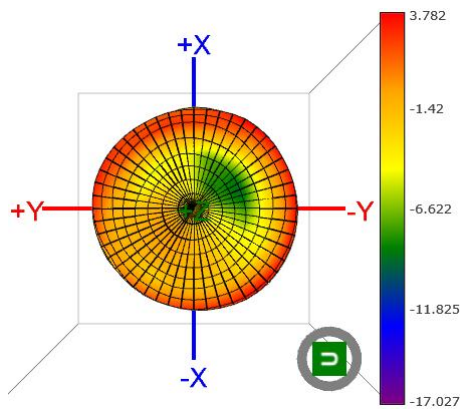
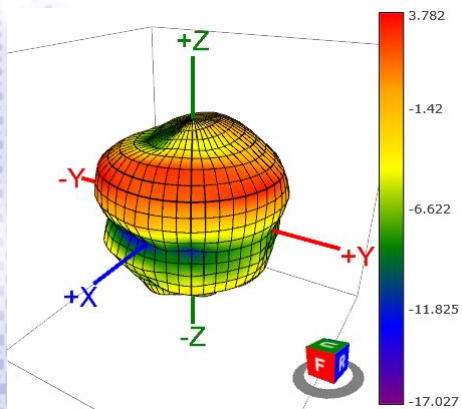
1880MHz (dBi)



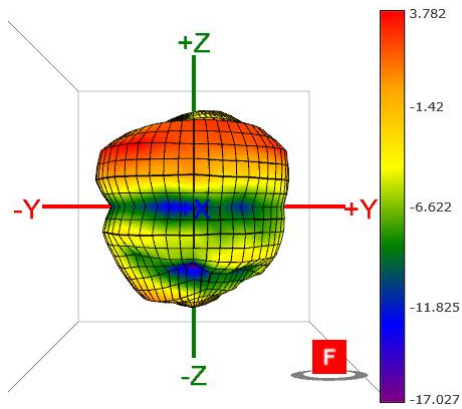
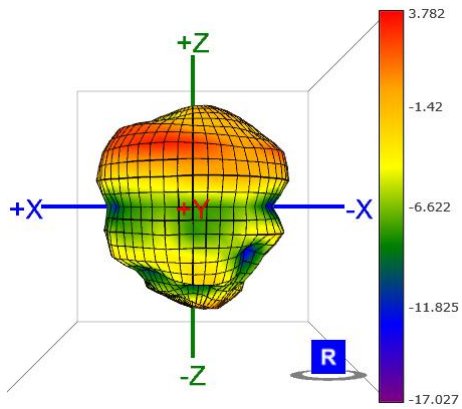
1990MHz (dBi)



2170MHz (dBi)

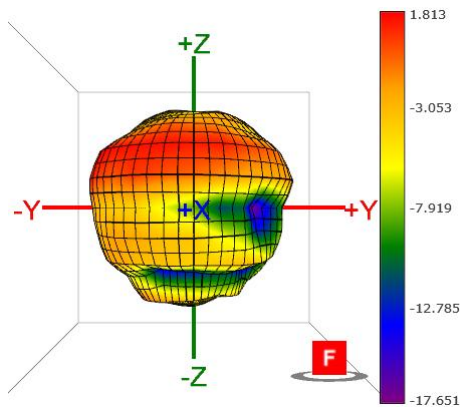
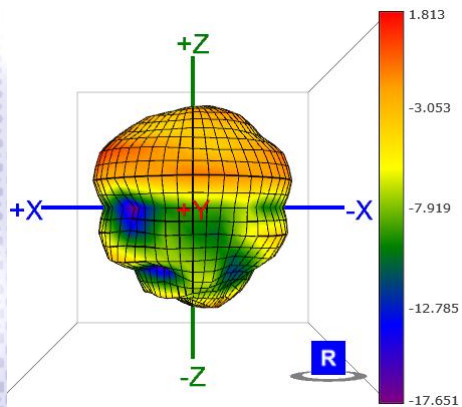
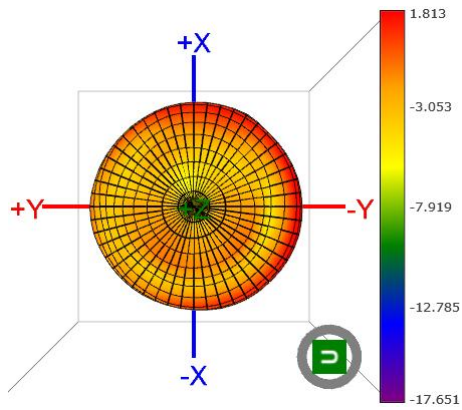
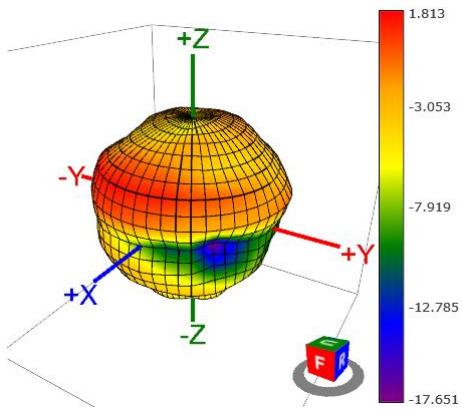


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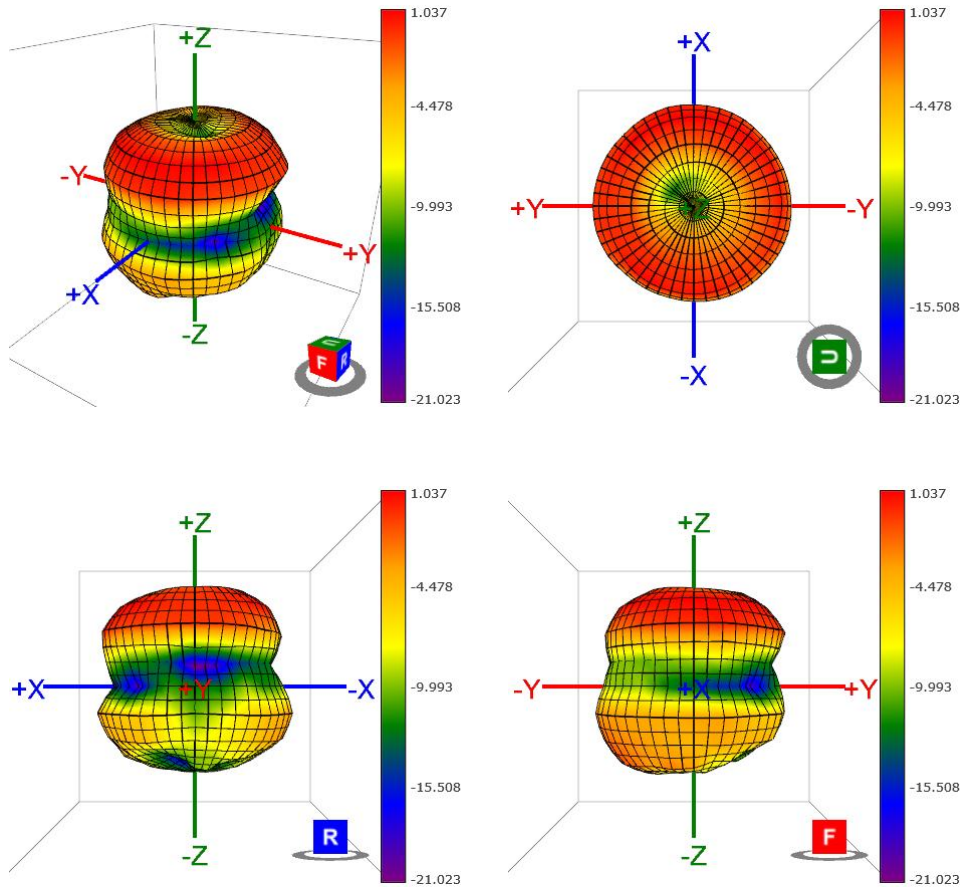


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2300MHz (dBi)

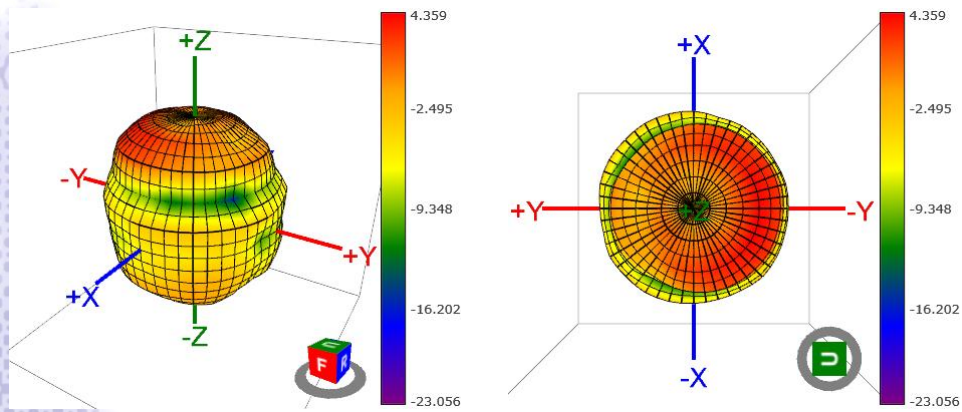


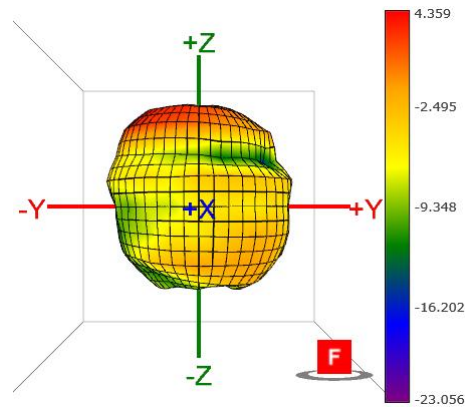
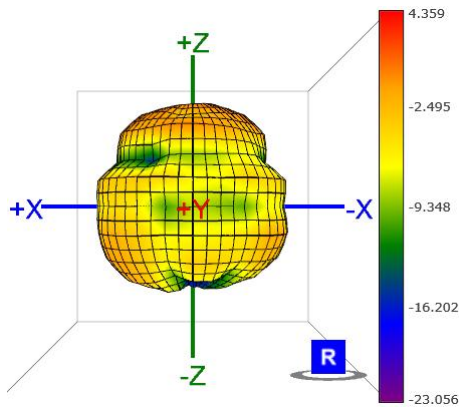
2690MHz (dBi)



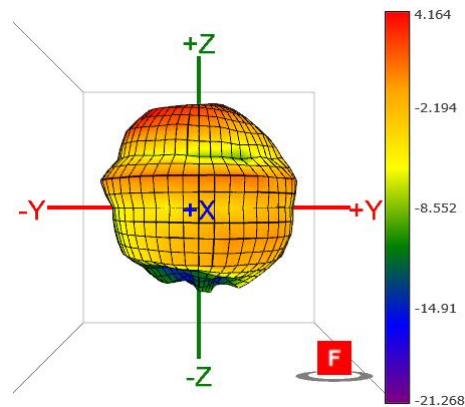
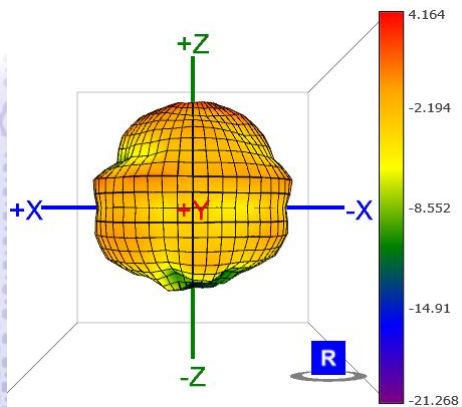
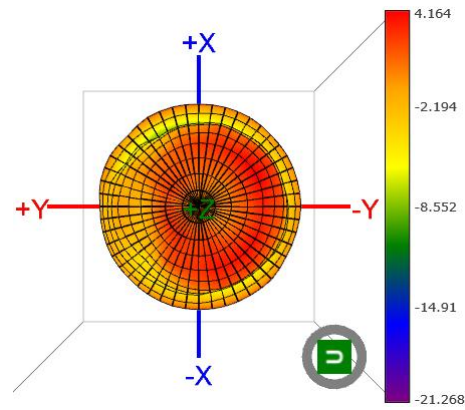
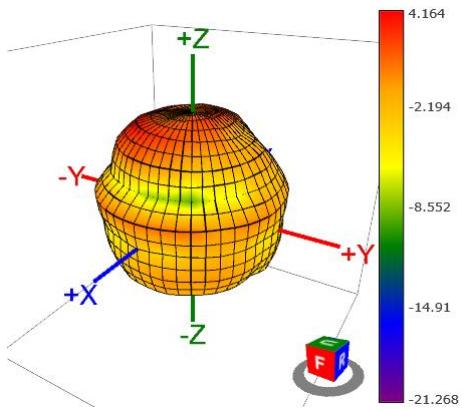
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3300MHz (dBi)

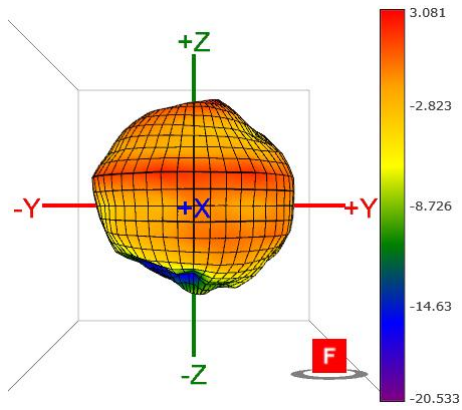
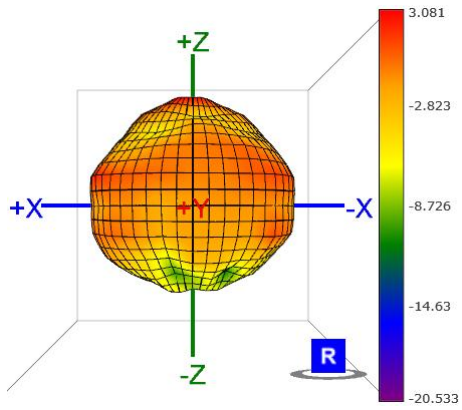
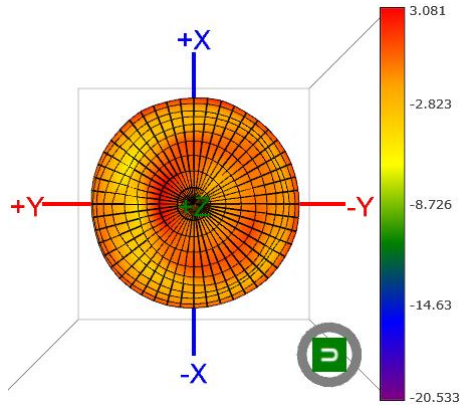
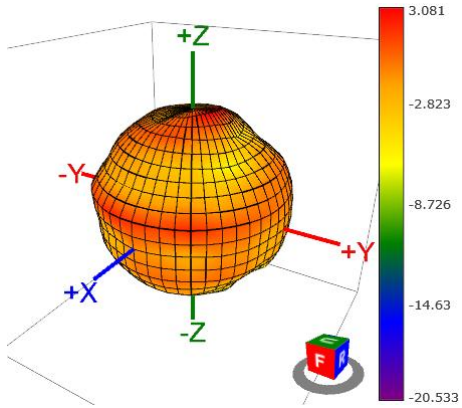




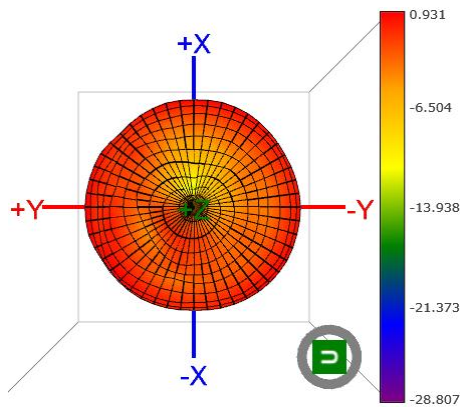
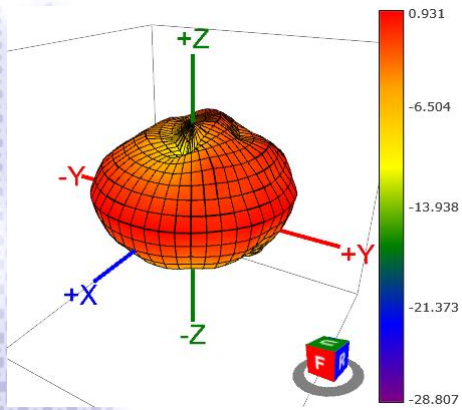
3400MHz (dBi)



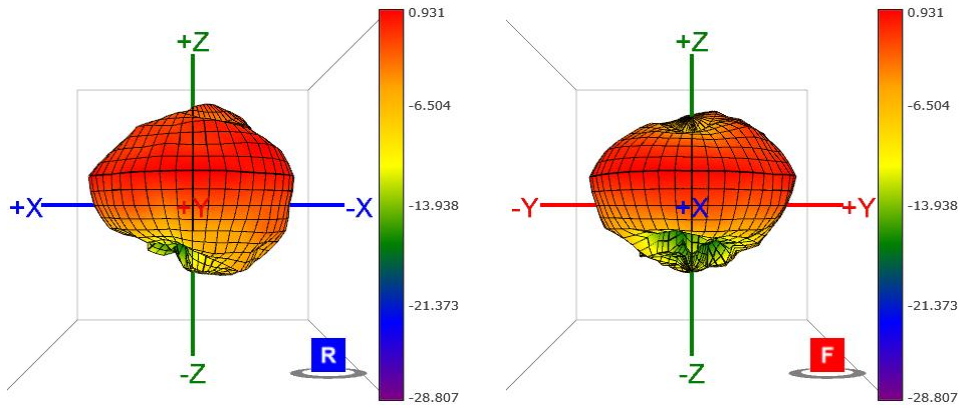
3500MHz (dBi)



3800MHz (dBi)

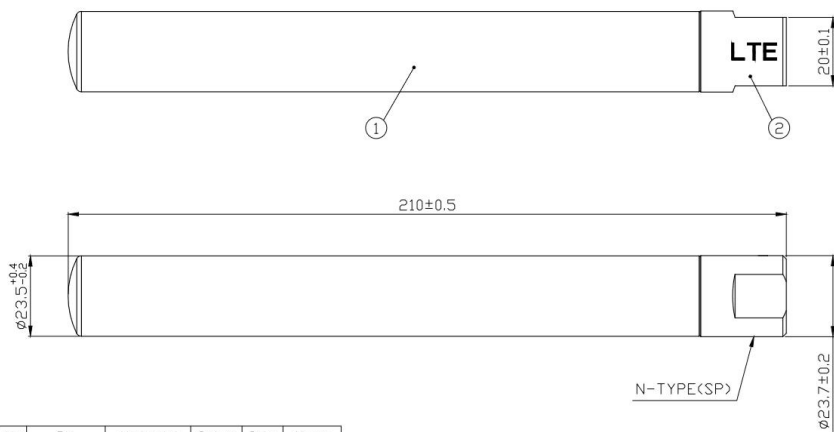


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IV. Mechanical Drawing (Unit:mm):



No	PN.	Material	Color	Q'ty	Memo
1	Ant. Body	ASA	White	1	
2	Connect	Ni Plated		1	N Plug