



-7RF Antenna-
7RF-TS-194013-868A
ISM 868MHz Terminal Hinged Antenna

Author: Wayne Yang(7RF TW)
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*ISO-SPEC-19-07_A

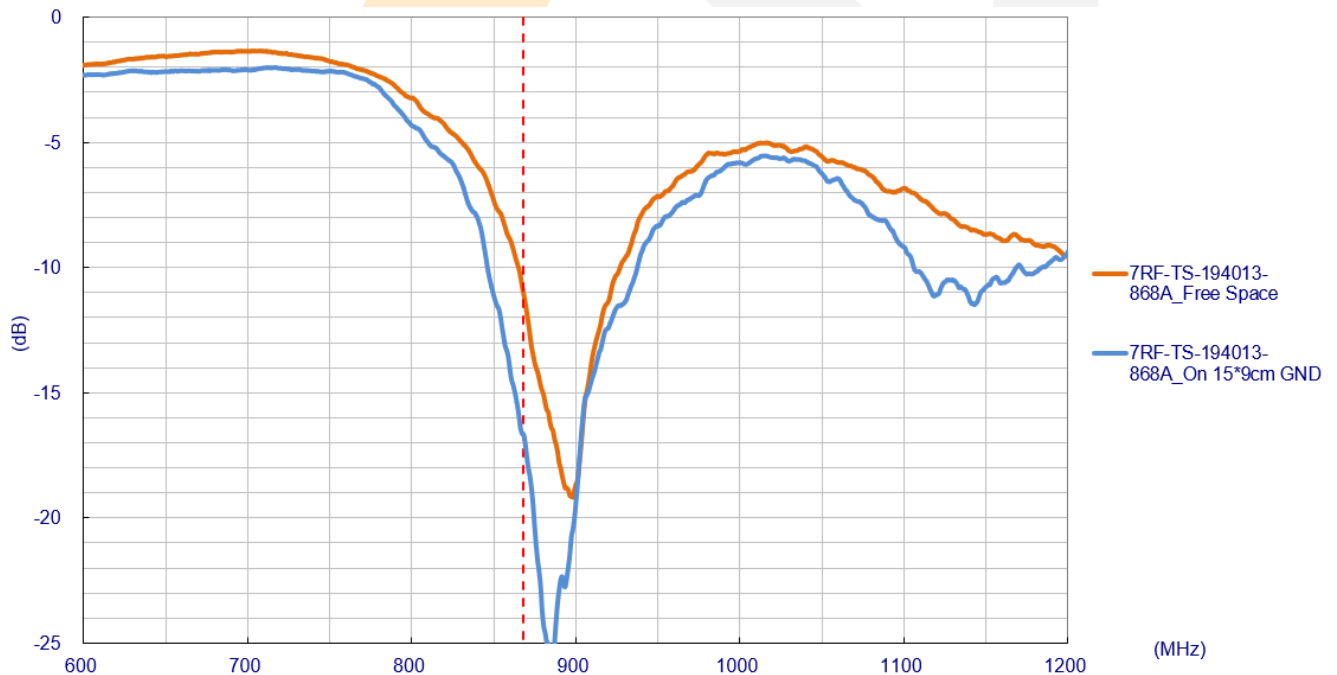


I. Antenna Specification Table

TS-194013-868A		
Electrical Characteristics		
	Free Space	On 15cm*9cm GND
Frequency (MHz)	868	
Return Loss (dB)	<-10	<-10
Efficiency (%)	49.45	83.72
Peak Gain (dBi)	0.32	1.62
Average Gain (dBi)	-3.05	-0.77
Polarization	Linear	
Radiation Pattern	Omni-directional	
Mechanical Characteristics		
Dimension (mm)	φ13 * 194	
Connector	RP-SMA (M) Hinged	
Storage Temperature (°C)	-40~+85	
Operate Temperature (°C)	-40~+85	

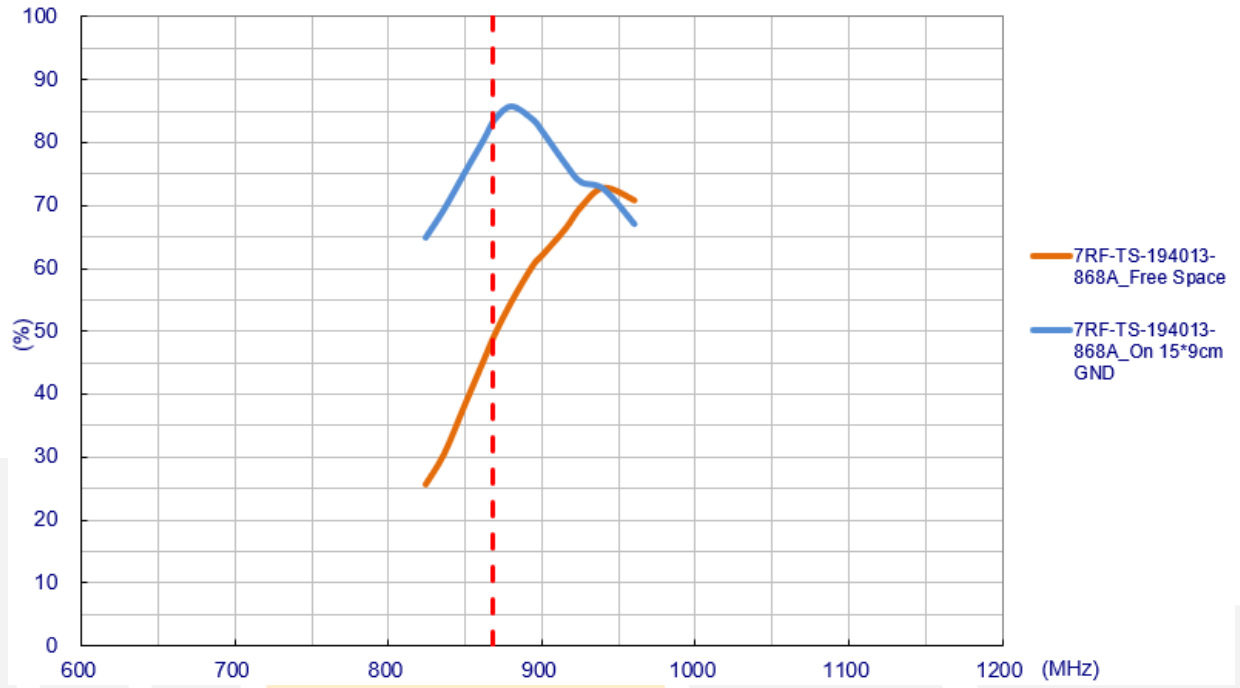
II. Antenna Parameters

Return Loss:

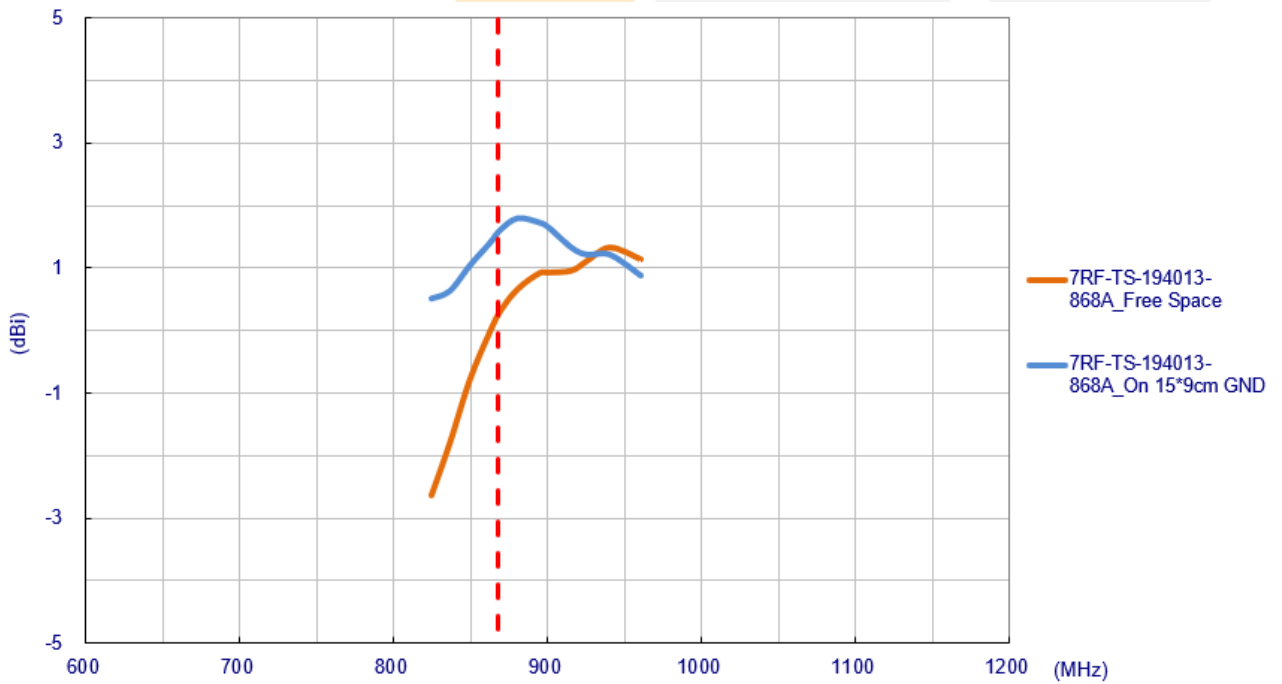




Efficiency:

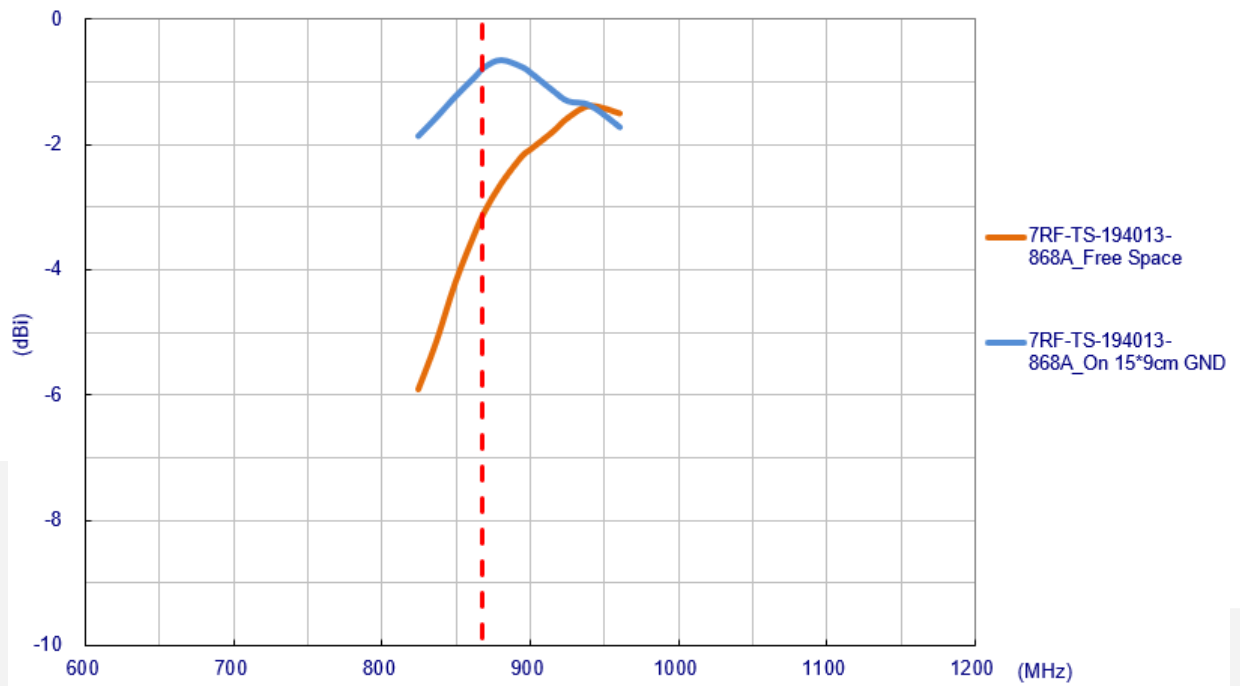


Peak Gain:





Average Gain:



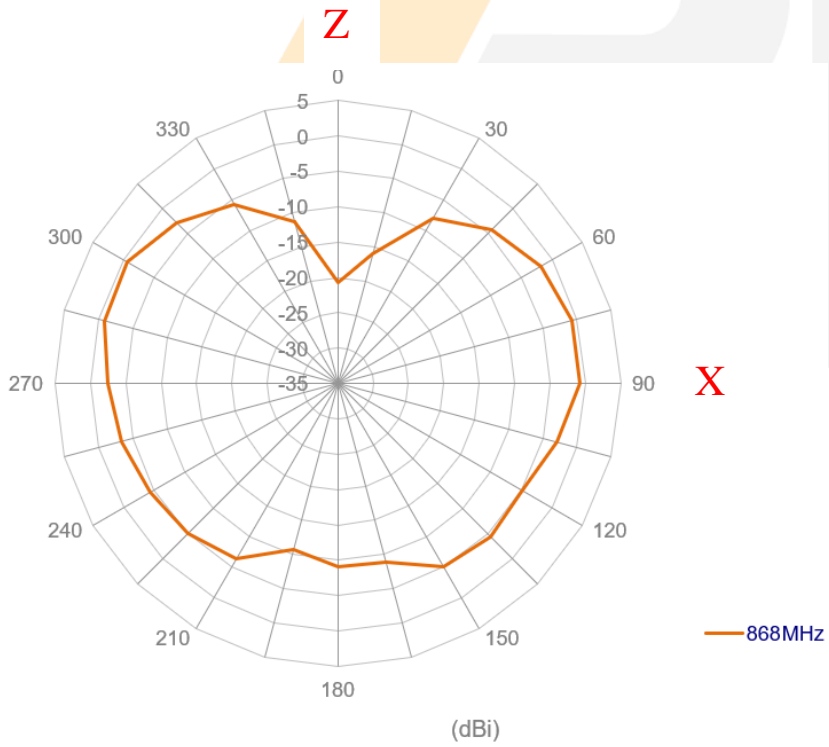
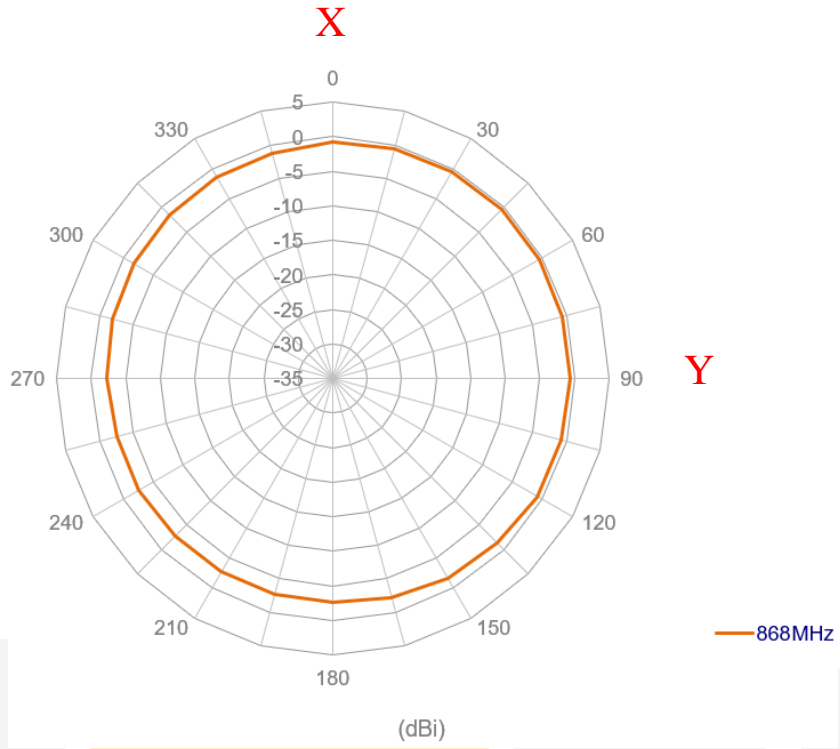
III. Radiation Pattern



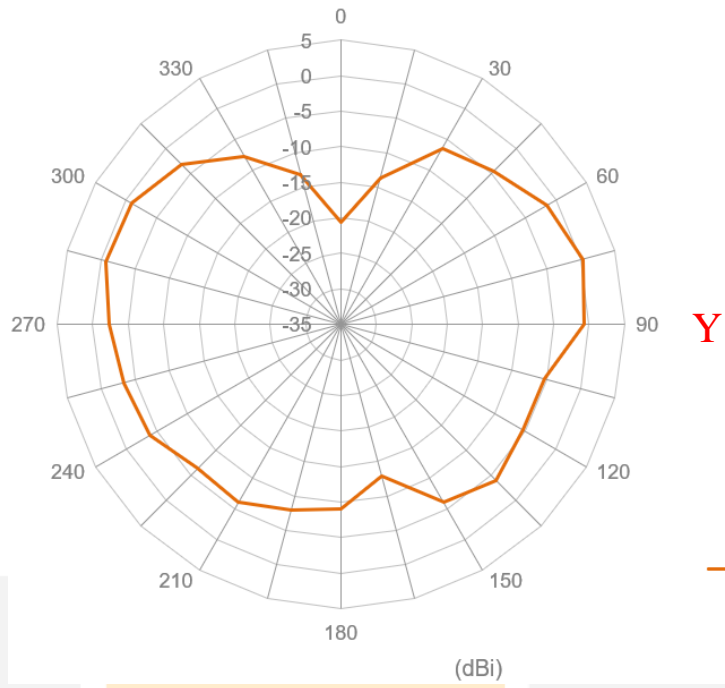
Free Space



On 15cm*9cm GND

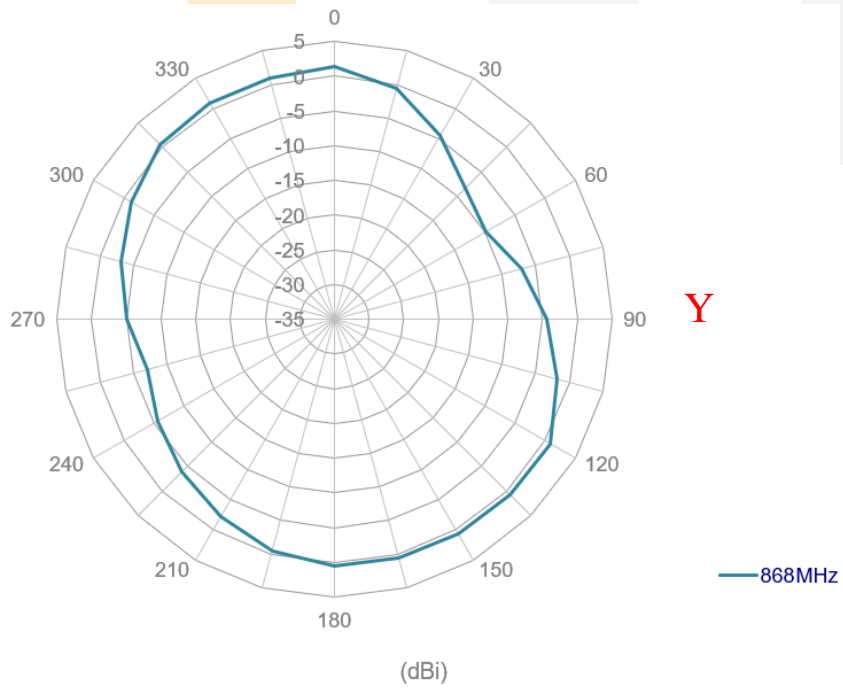


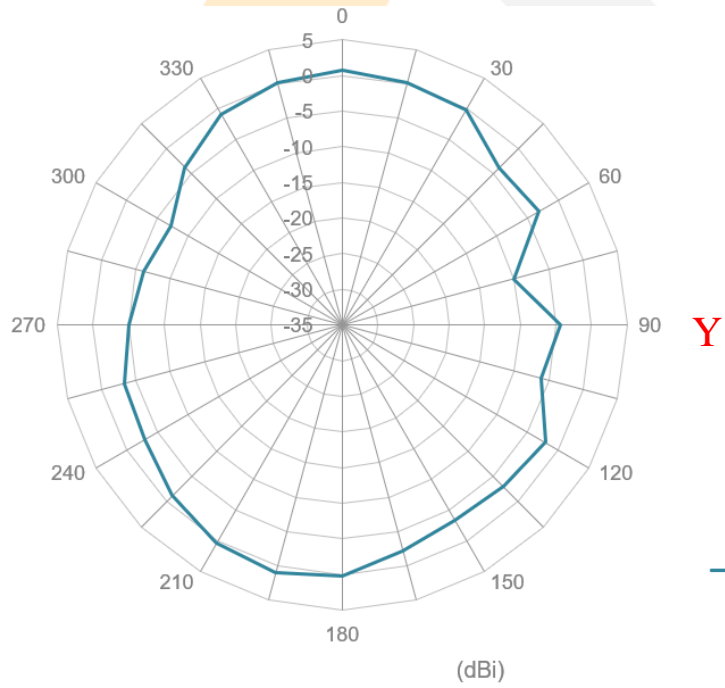
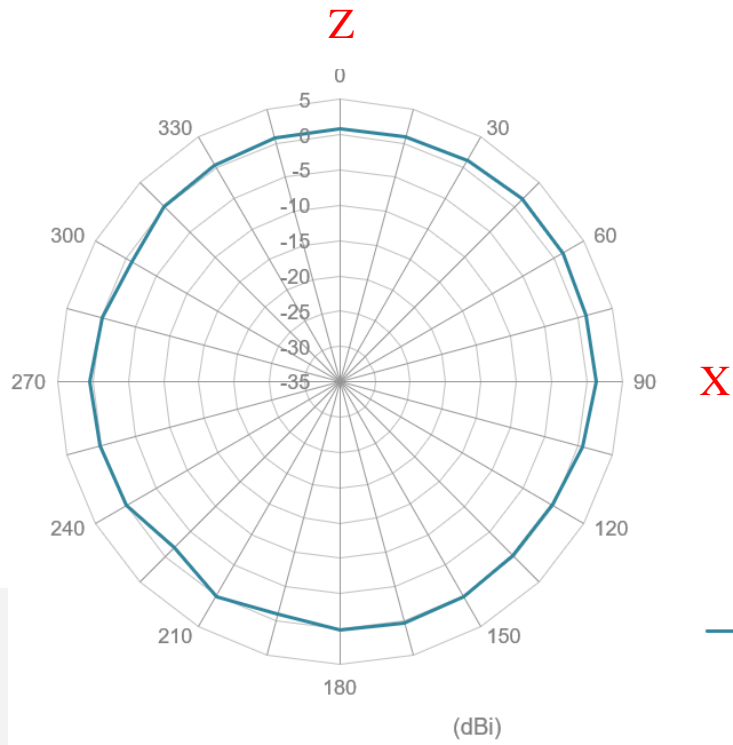
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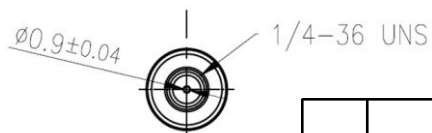
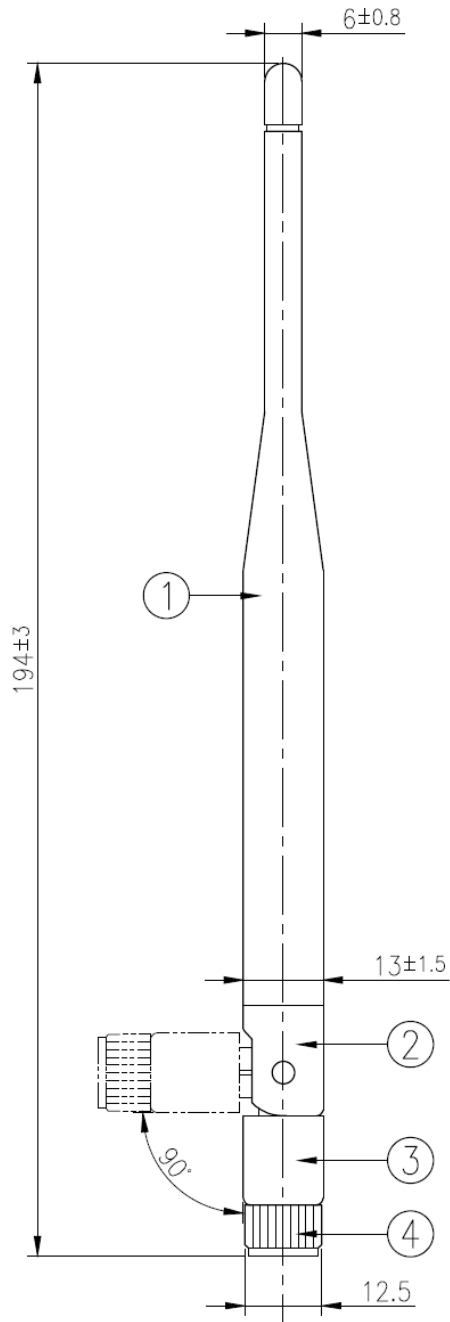
On 15cm*9cm GND

X





IV. Antenna Drawing



	NAME	MATERIAL	FINISH	QTY
1	HOUSING	TPEE	BLACK	1
2	TOP HINGE	ABS	BLACK	1
3	BOTTOM HINGE	PC+PBT	BLACK	1
4	RP-SMA(M)	BRASS	BLACK	1