



Product Name: LTE Bands Hinge Rotatable Terminal Antenna

Part Number: TA-S8B-A-L01

Feature:

- LTE Bands Supporting, 698-960MHz, 1710-2690MHz
- SMA Male Connector

Application:

- IoT Application
- Router Application
- 2G/3G/4G Communication Application

LTE Hinge Rotatable Terminal Antenna

MODEL: TA-S8B-A-L01

WI-RD-D-203 V1.0

I. Specifications:

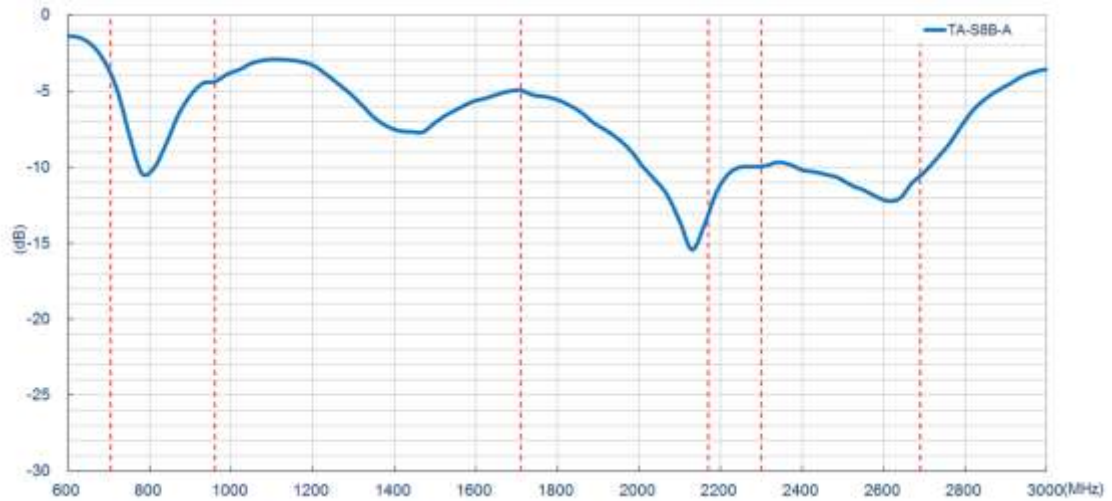
Category	LTE Specifications					
Frequency (MHz)	LTE 700	GSM 850/900	DCS	PCS	UMTS1	LTE 2600
Application Band	698~824	824~960	1710~1880	1850~1990	1920~2170	2300~2690
Efficiency(%)						
TA-S8B	44.49	48.45	56.22	68.36	64.06	61.81
Average Gain(dBi)						
TA-S8B	-3.52	-3.15	-2.50	-1.65	-1.93	-2.09
Peak Gain(dBi)						
TA-S8B	2.87	2.39	3.79	5.90	5.90	4.35
Impedance	50 ohm					
V.S.W.R	704~960MHz@5.0Max.1710~2690MHz@4.0Max					
Return Loss	4 dB Min.					
Polarization	Linear					
Physical Properties						
Dimension	Length : 193mm , Diameter : 13mm					
Operating Temperature	-40~+85℃					
Storage Temperature	-40~+85℃					
Color	Black					
Connector	SMA Male					

*Antenna was measured with 210*125mm Ground Plane.

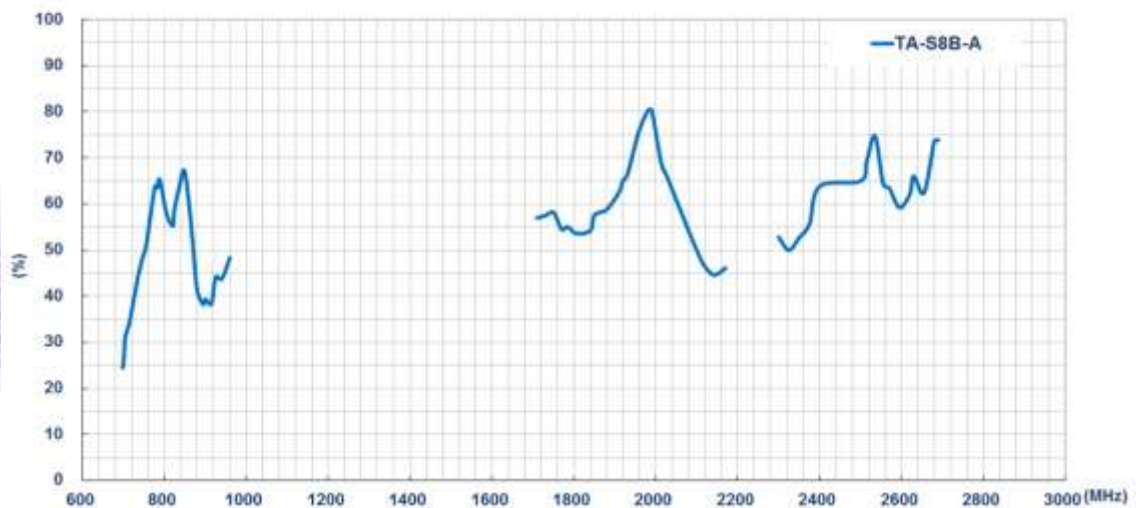
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II. Antenna Technical Parameters:

S-parameters:



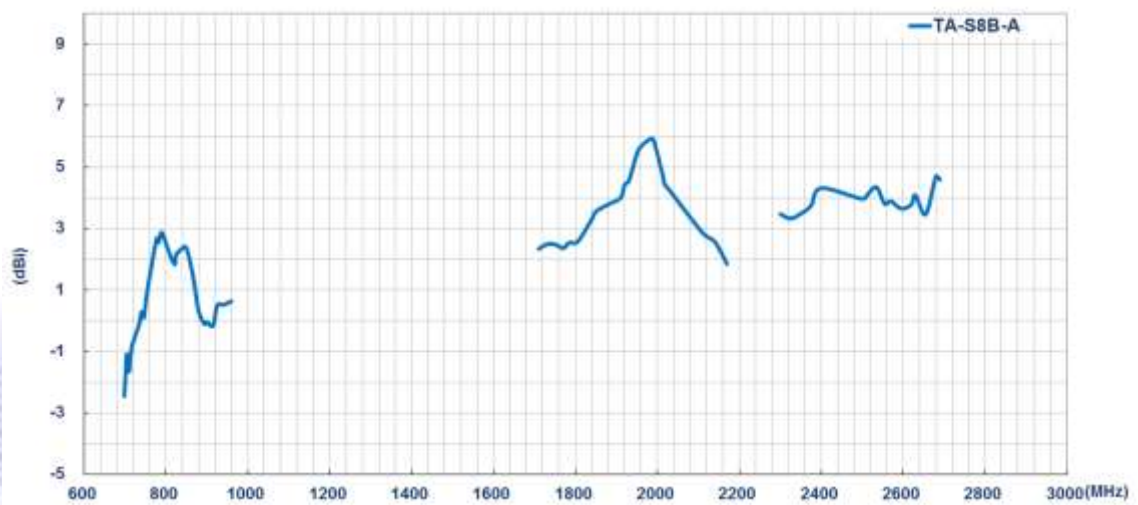
Efficiency:



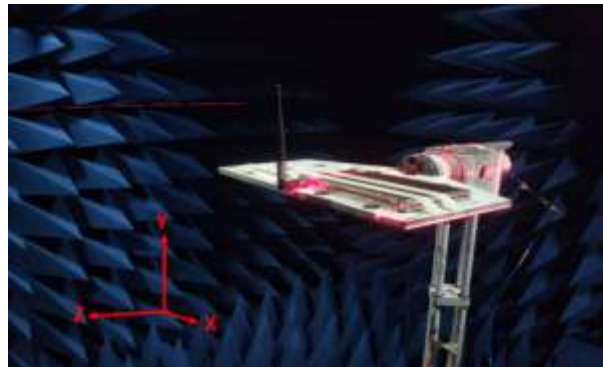
Average Gain:



Peak Gain:

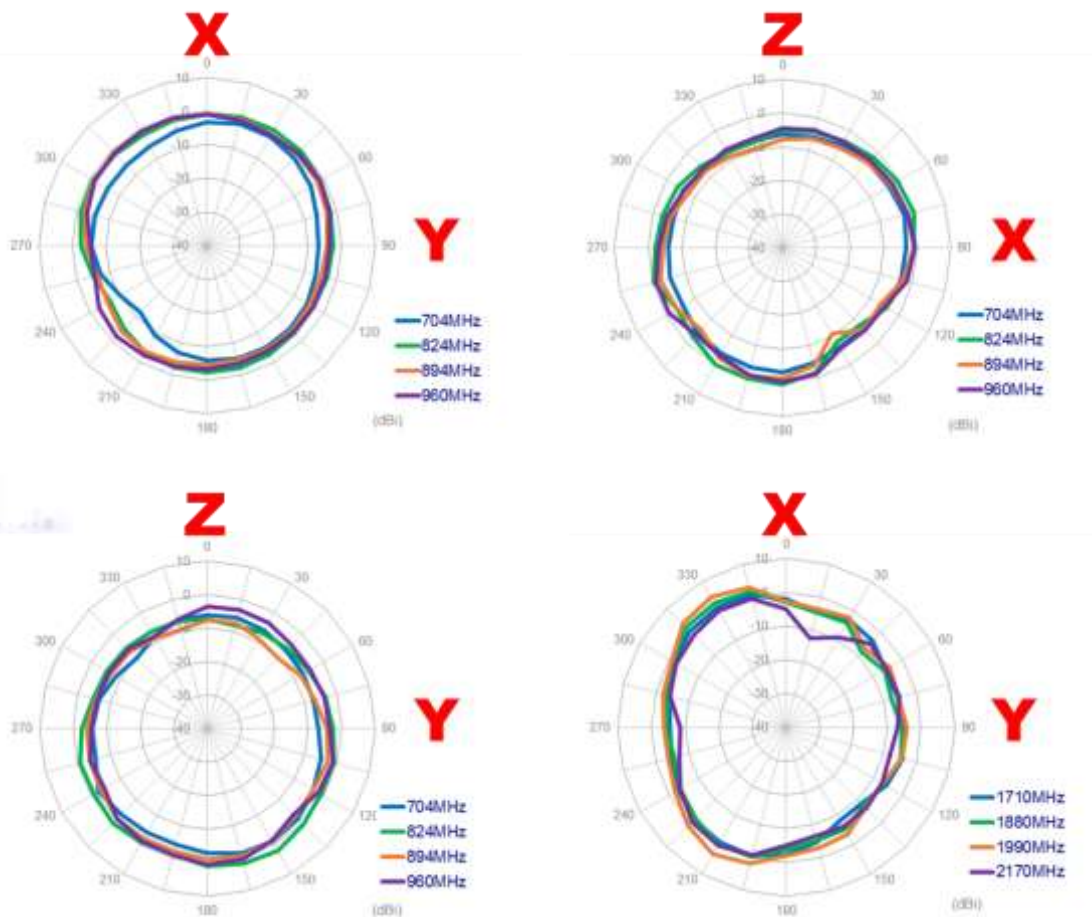


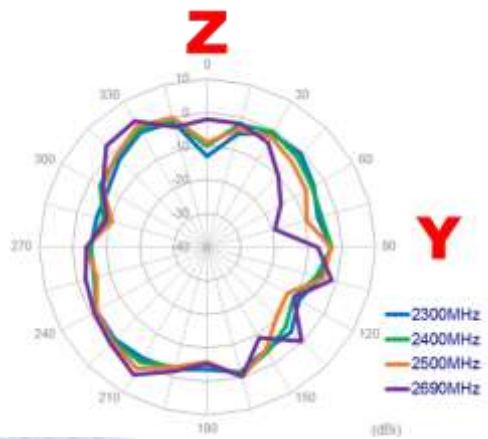
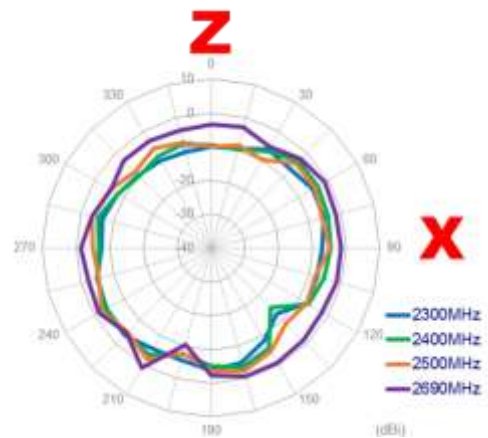
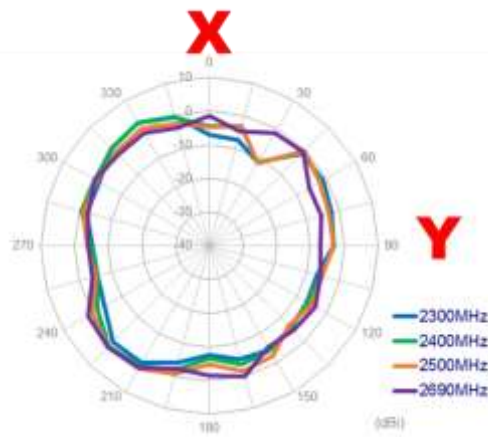
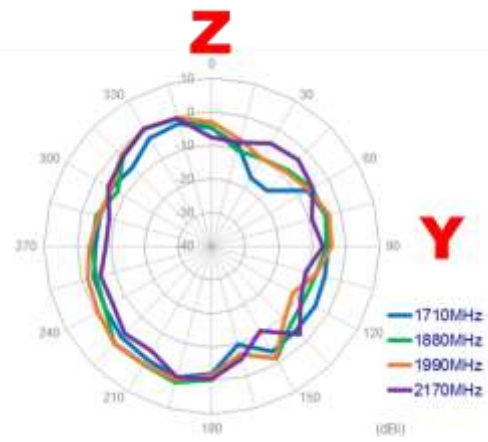
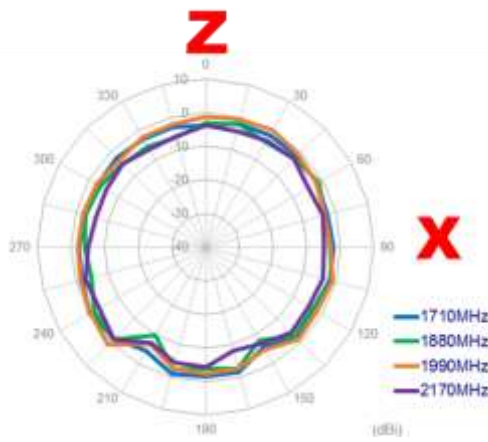
III. Antenna Radiation Pattern Measurement:



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2D Radiation Pattern

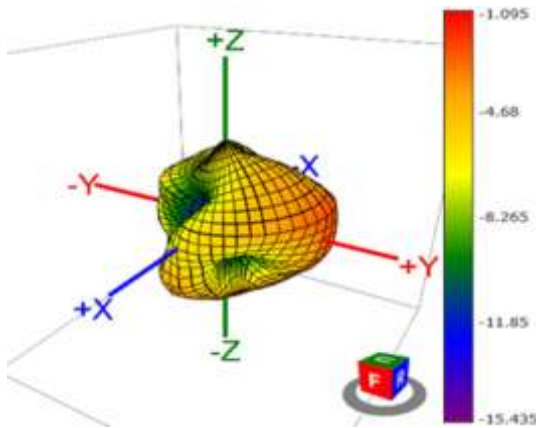




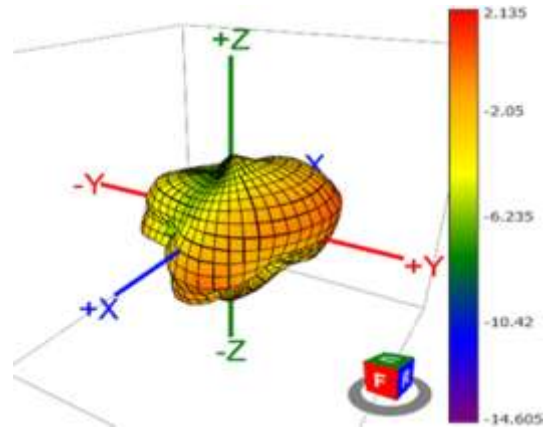
3D Radiation Pattern

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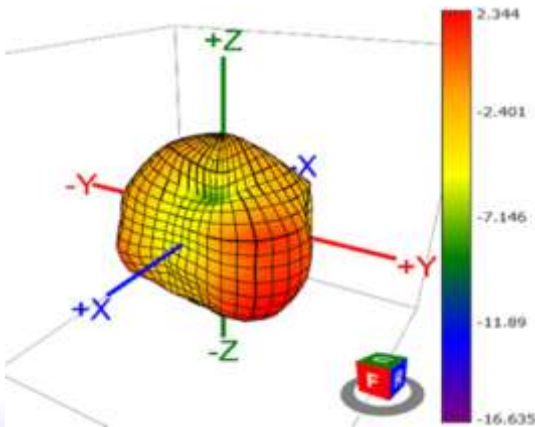
704 MHz



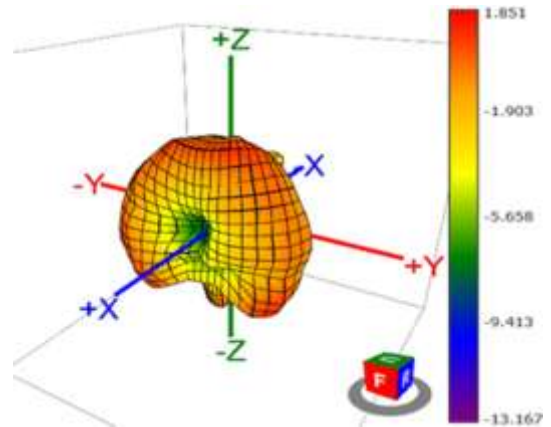
960 MHz



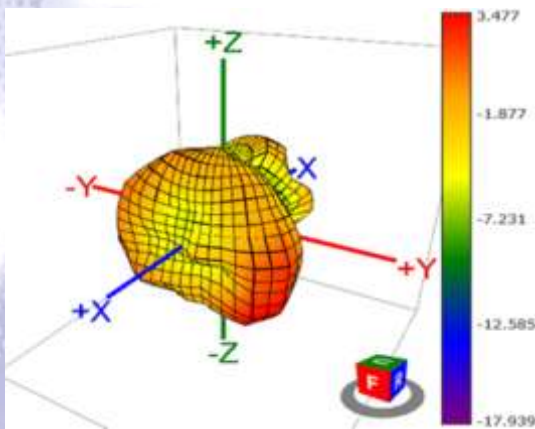
1710 MHz



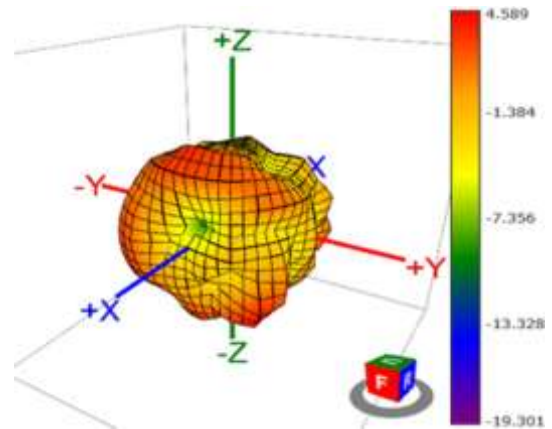
2170 MHz

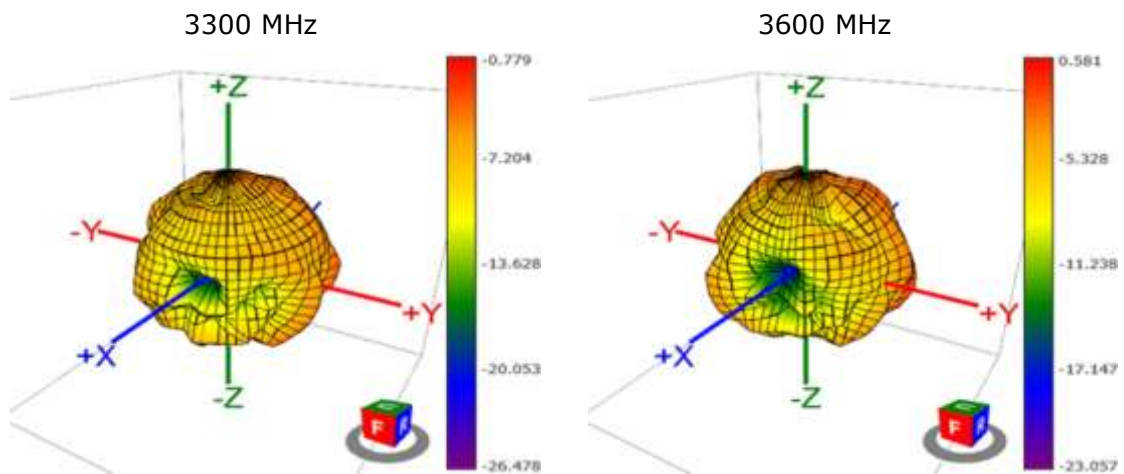


2300 MHz



2690 MHz





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IV. Mechanical Drawing (Unit:mm):

