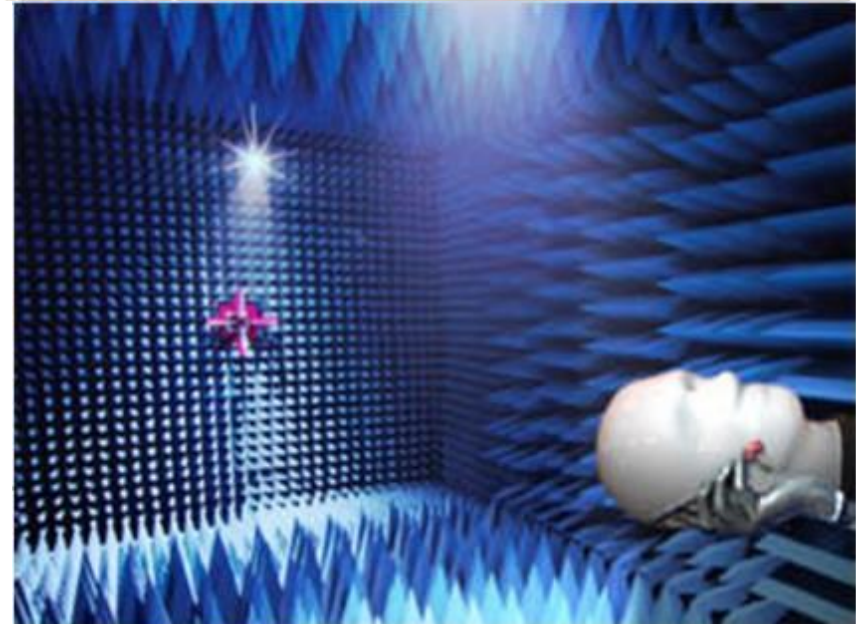
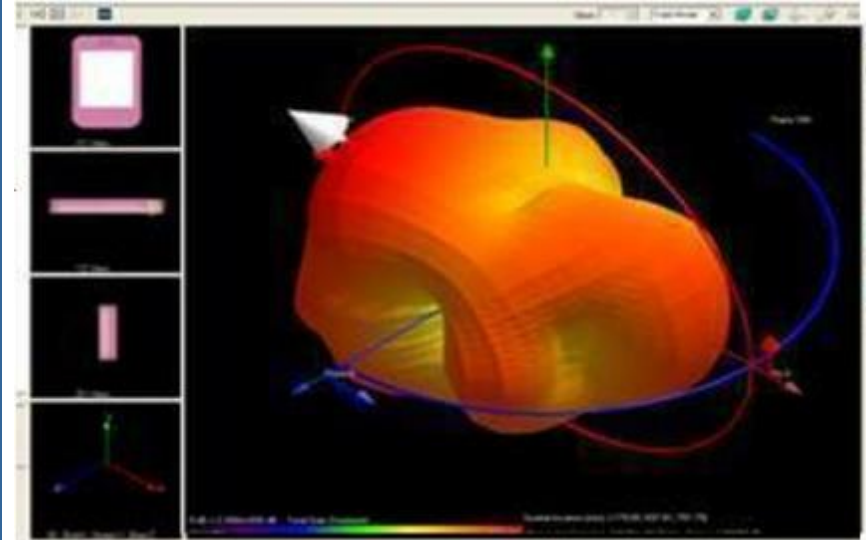


AWAN-DB Dipole Antenna

AWAN S/N: A8EEE-000001
Customer S/N: 7102A0545000



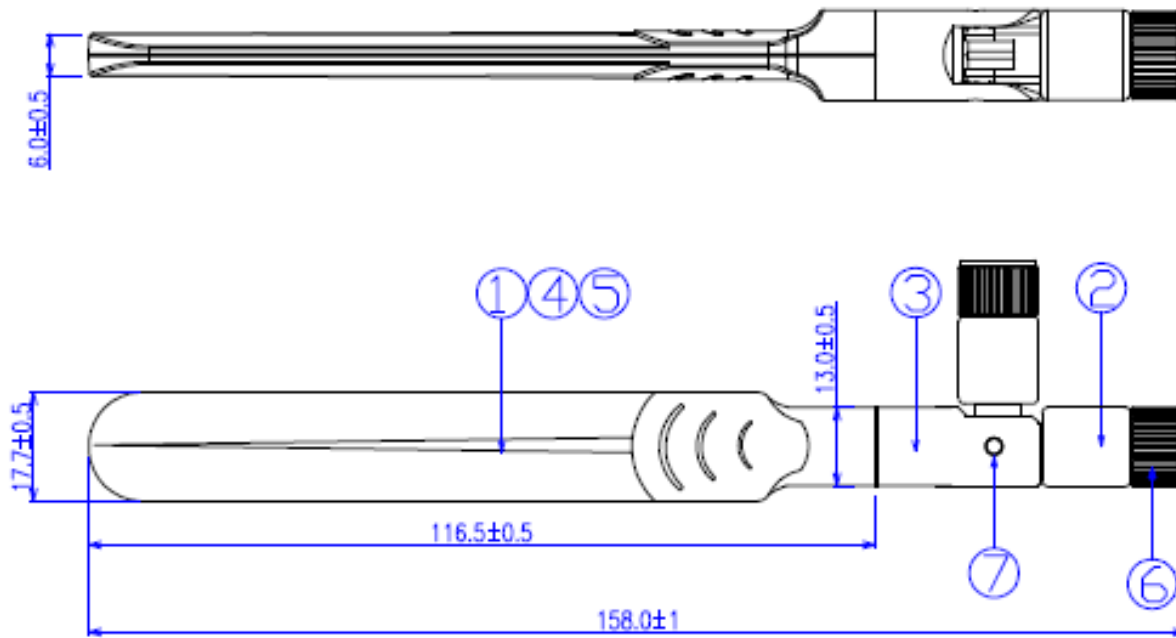
- Antenna proposal and specification
- Antenna Placement
- Measurement data

- Antenna proposal and specification
- Antenna Placement
- Measurement data



Antenna Proposal

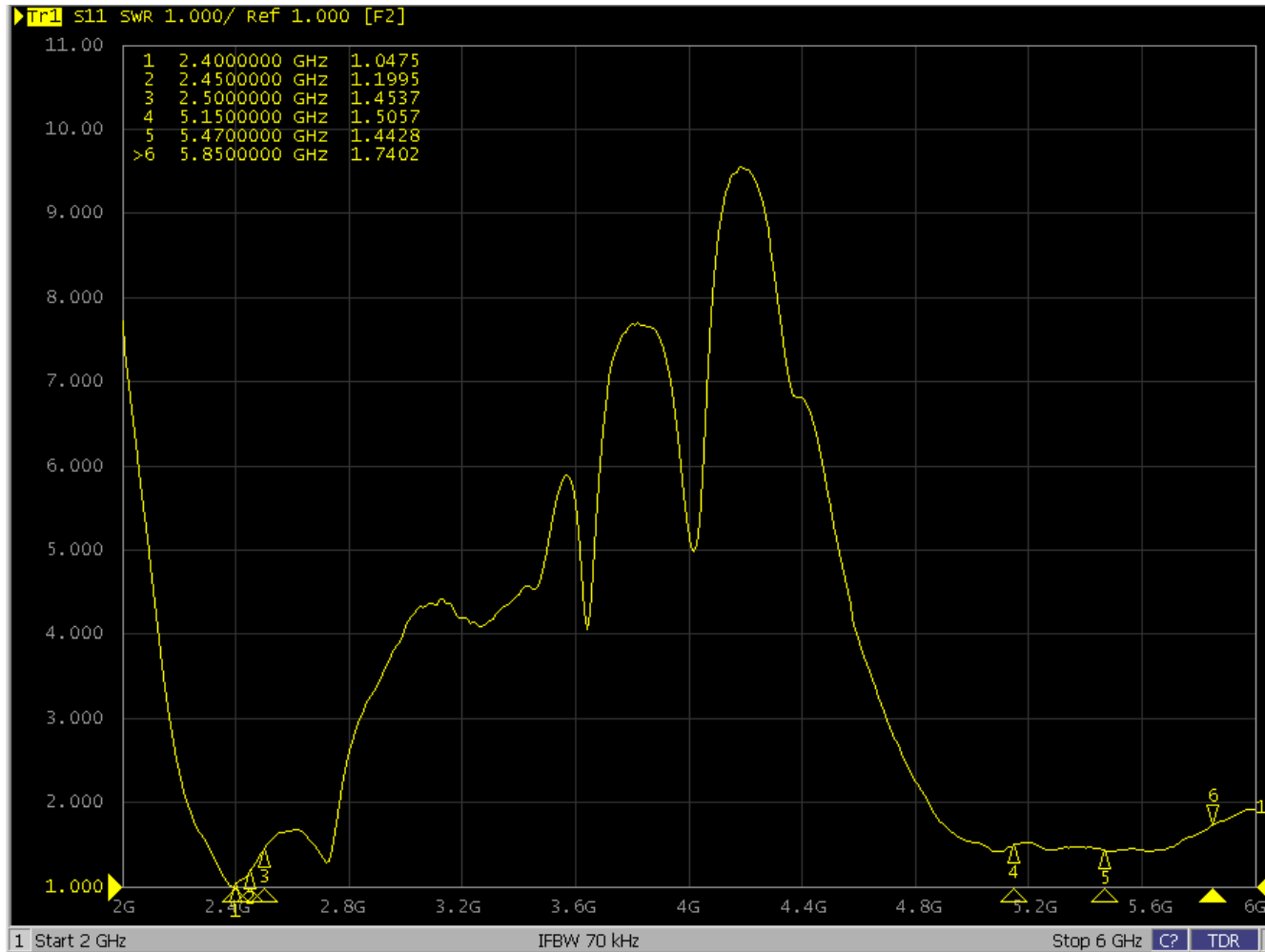
Antenna type	• Dipole array
Frequency	2400 ~ 2500 MHz 5150 ~ 5850MHz
Impedance	50 Ohm Nominal
VSWR	< 2
Gain	2.4G ~ 2.5G @ 3dBi \pm 0.5dBi 5.15G ~ 5.85G @ 5dBi \pm 0.5dBi
Efficiency	2.4G ~ 2.5G @ 55~60% 5.15G ~ 5.85G @ 60~70%
Polarization	Linear
Physical Properties	
Operating Temp	-40 ~ +80 °C
Storage Temperature	-45 ~ +85 °C
Connector	SMA Male



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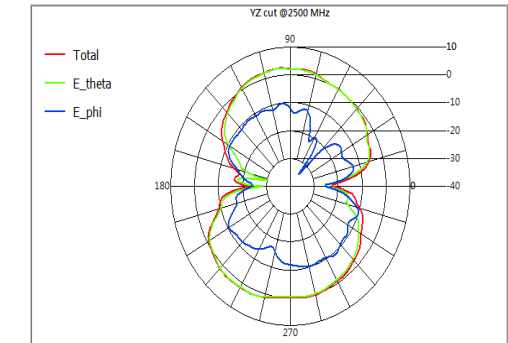
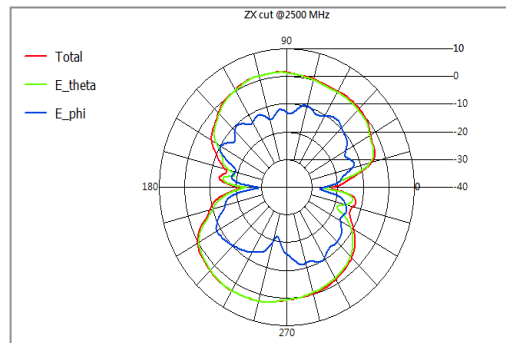
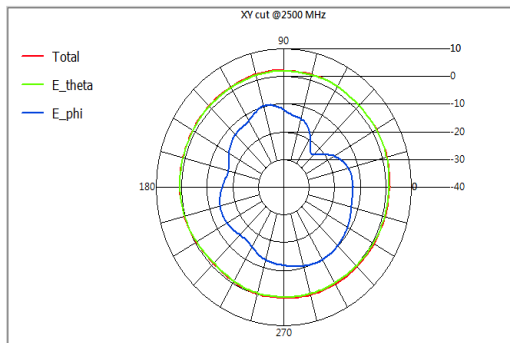
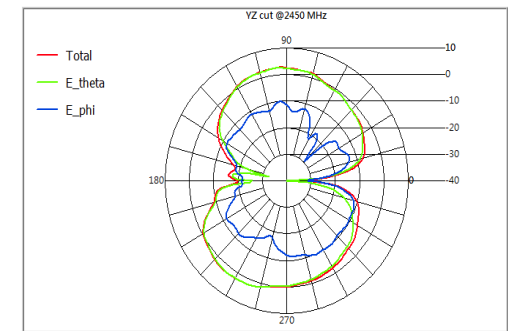
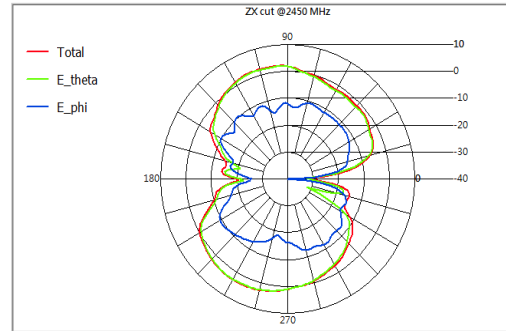
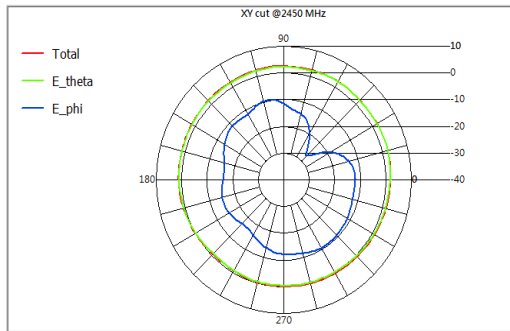
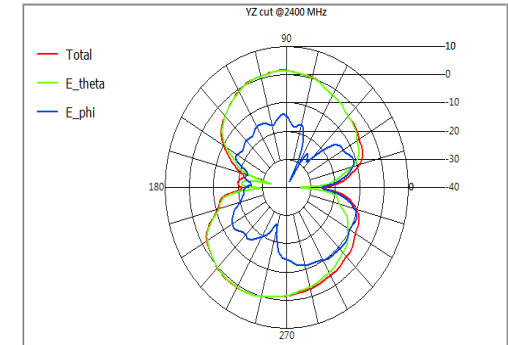
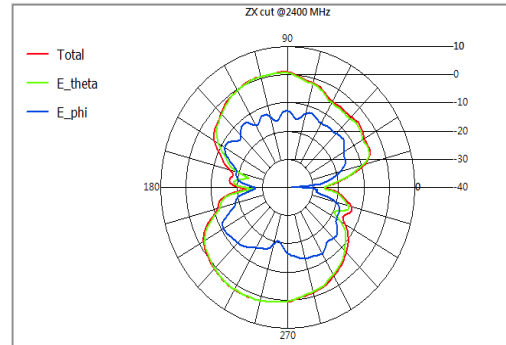
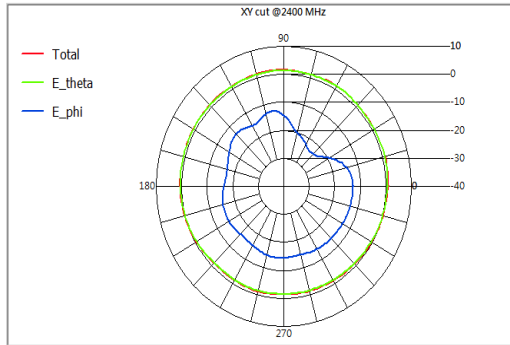
- Antenna proposal and specification
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 - VSWR
 - Radiation pattern
 - Gain table

VSWR



- Antenna proposal and specification
- Antenna Placement
- Measurement data
 - VSWR
 - Radiation pattern
 - Gain table

Radiation pattern 2.4G (2D)

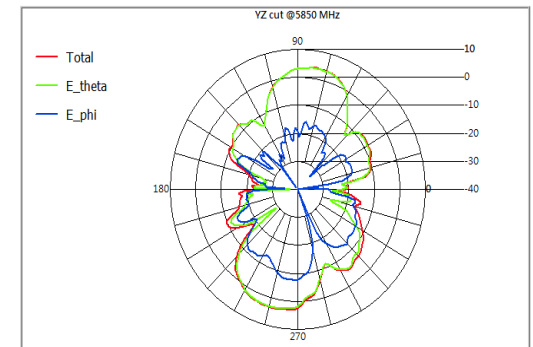
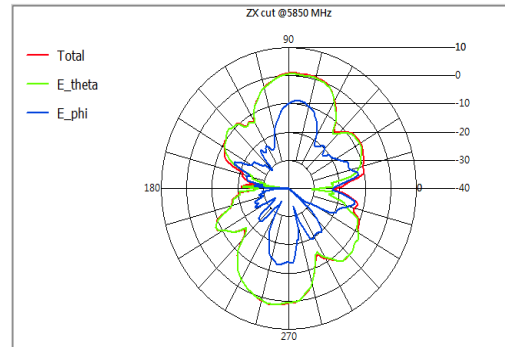
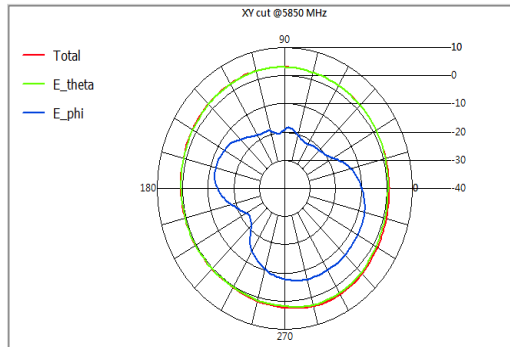
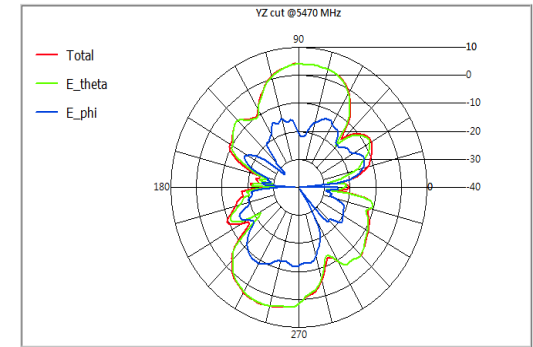
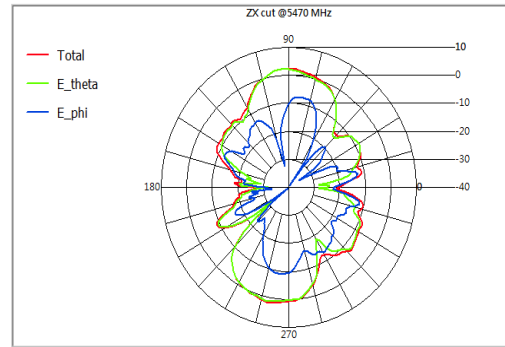
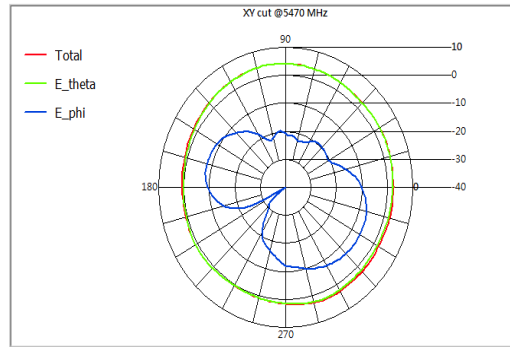
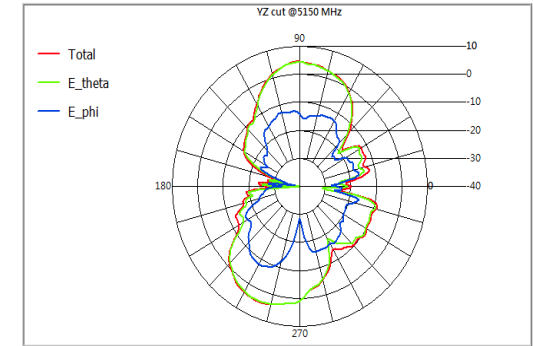
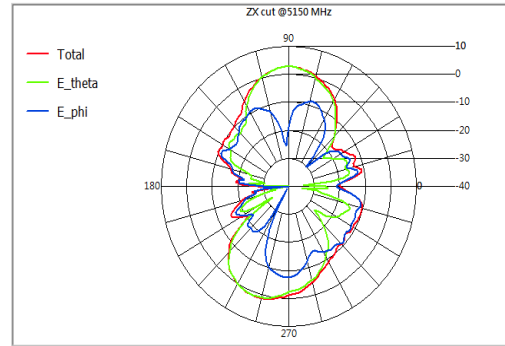
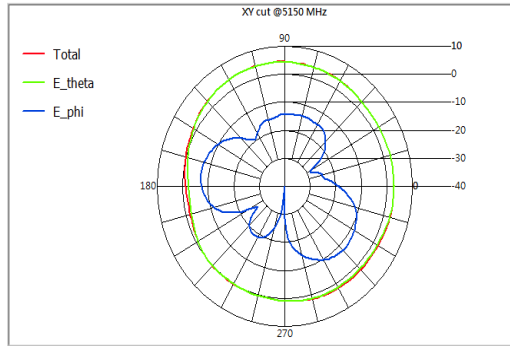


Measurement data

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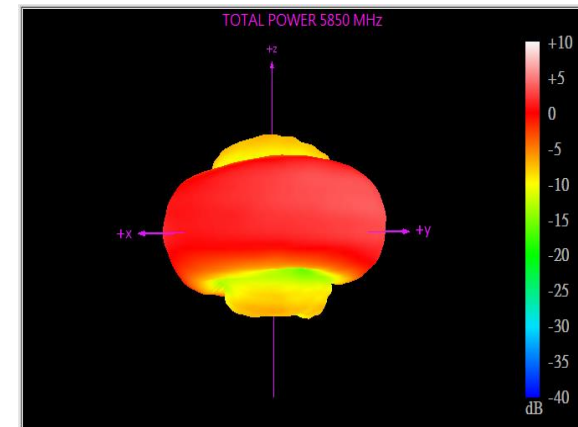
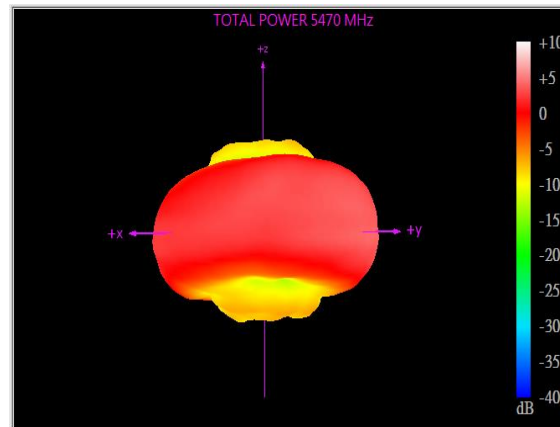
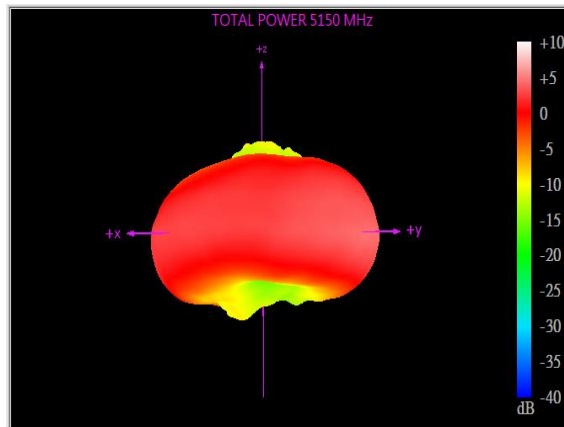
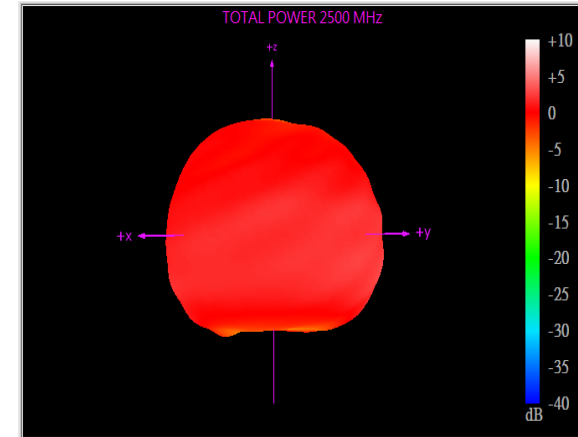
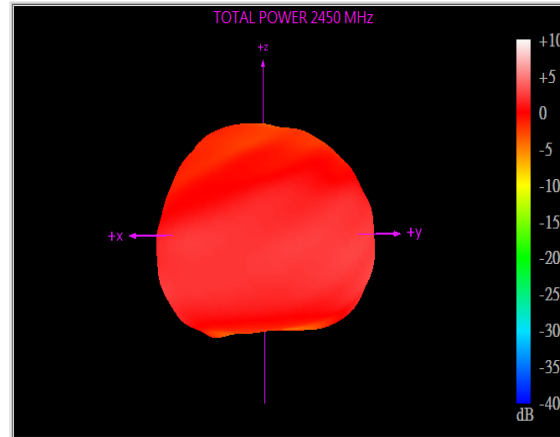
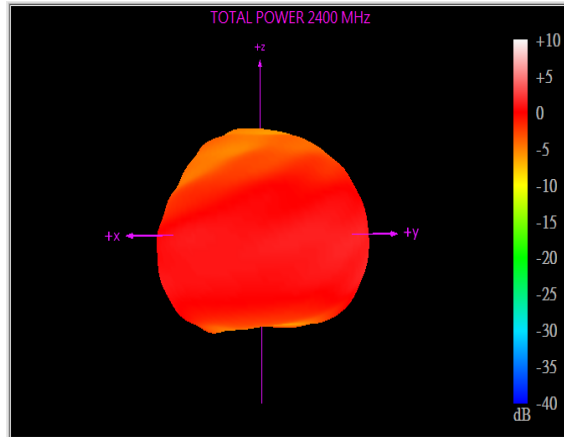
Measurement data

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Radiation pattern 2.4G & 5G(3D)



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Gain table

Frequency (MHz)	Peak Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	3.08	-2.20	60.28
2450	3.17	-2.27	59.33
2500	3.23	-2.35	58.15
5150	5.11	-1.90	64.63
5250	4.67	-1.85	65.37
5350	5.02	-1.63	67.75
5470	4.85	-1.95	63.79
5725	5.15	-2.04	62.55
5850	5.22	-2.17	60.64

Thanks for Your Time

To Grow and Succeed with AWAN !

