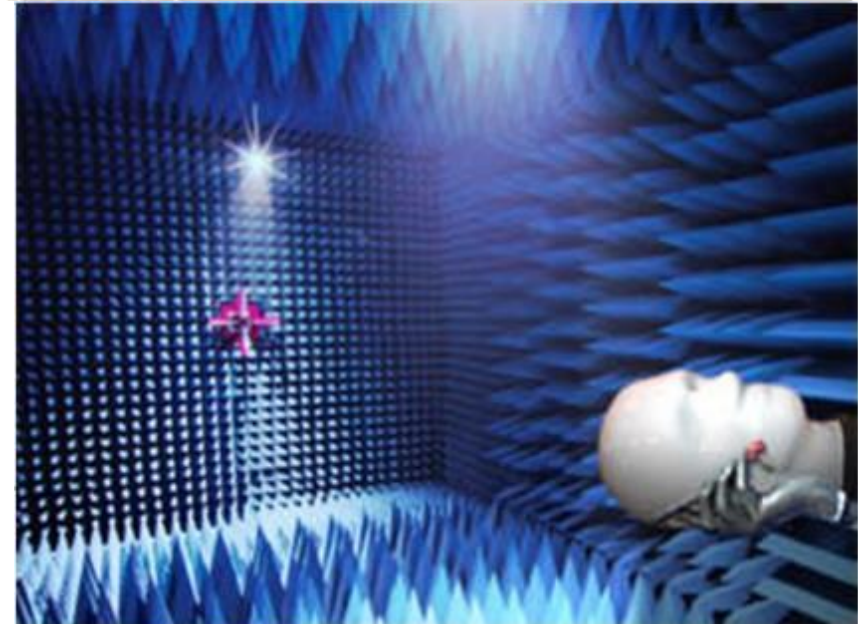
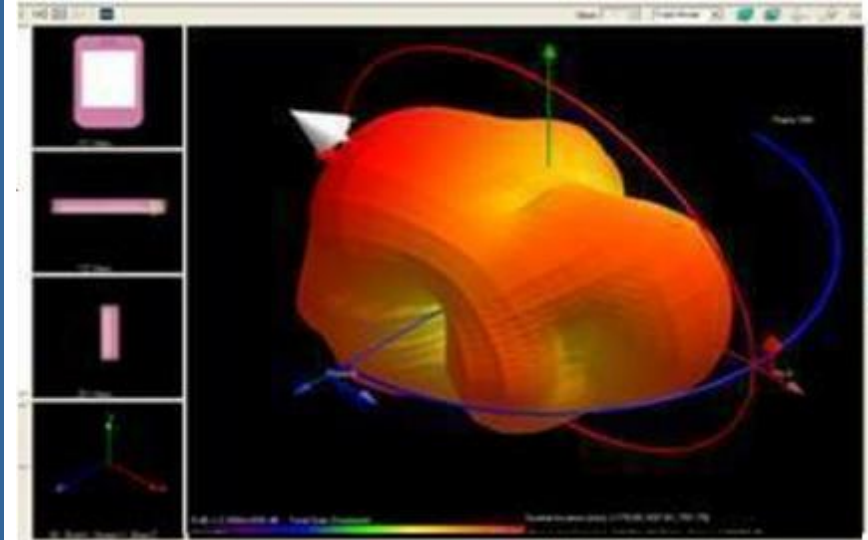


AWAN- 6G Dipole Antenna

AWAN S/N: A8E8P-100001
Customer S/N: 7102A0547000



- Antenna proposal and specification
- Antenna Placement
- Measurement data

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Antenna Proposal

Antenna type	• Dipole array
Frequency	5900 ~ 7125 MHz
Impedance	50 Ohm Nominal
VSWR	< 2
Gain	5.9G ~ 7.125G @ 5dBi \pm 0.5dBi
Efficiency	5.9G ~ 7.125G @ 60~70%
Polarization	Linear
Physical Properties	
Operating Temp	-40 ~ +80 °C
Cable Type	OD 1.37 L/L
Connector	MHF一代端子

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 - VSWR
 - Radiation pattern
 - Gain table

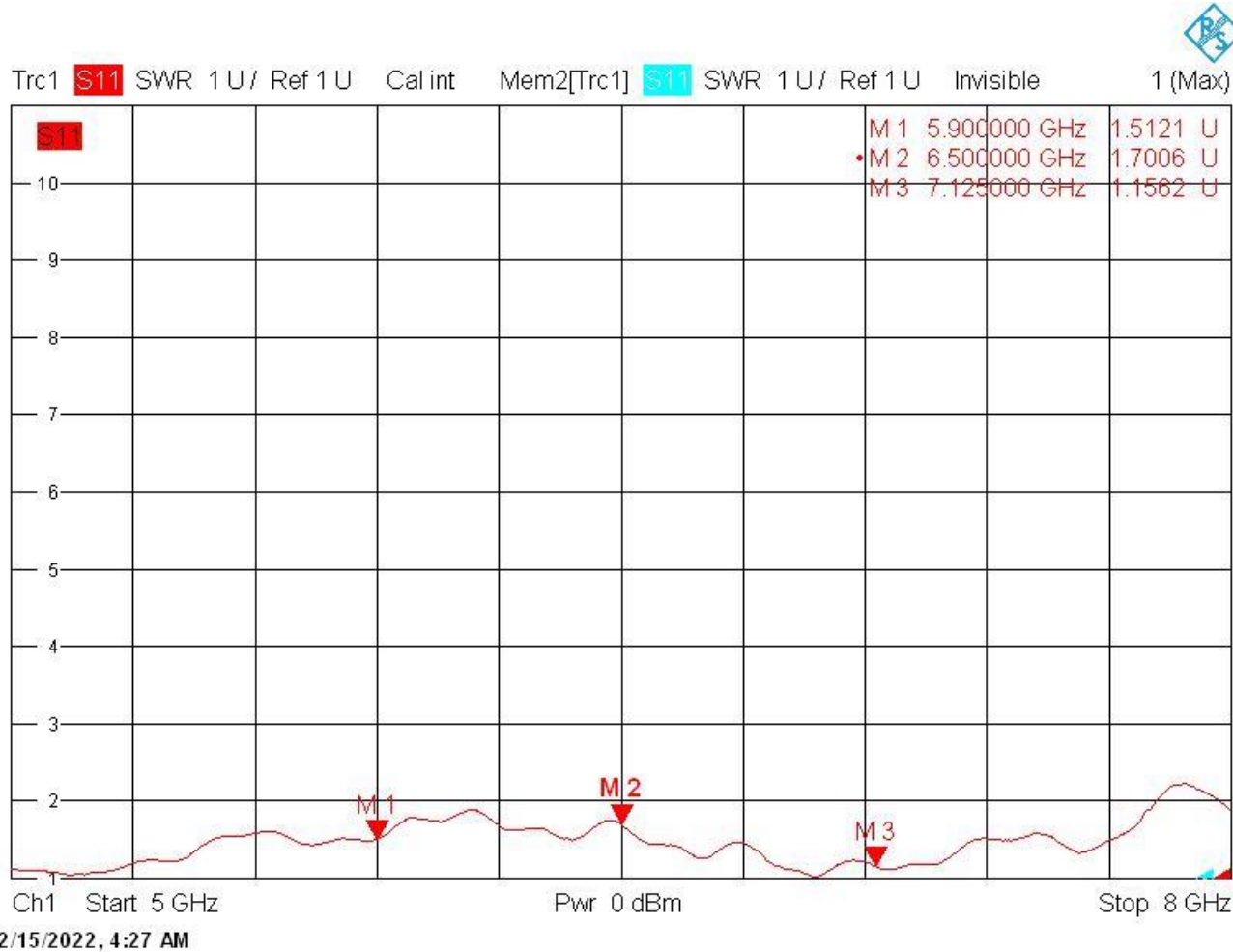
Measurement data

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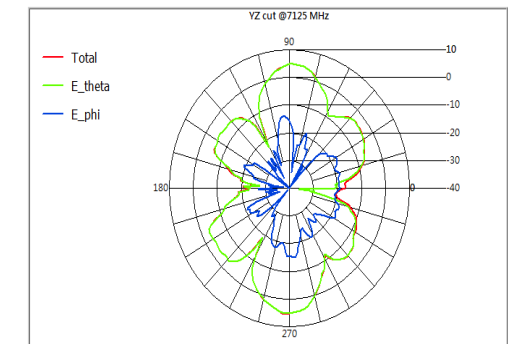
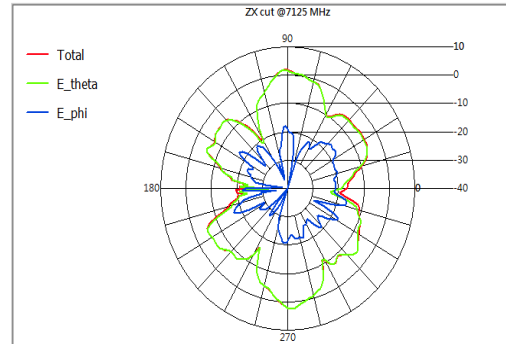
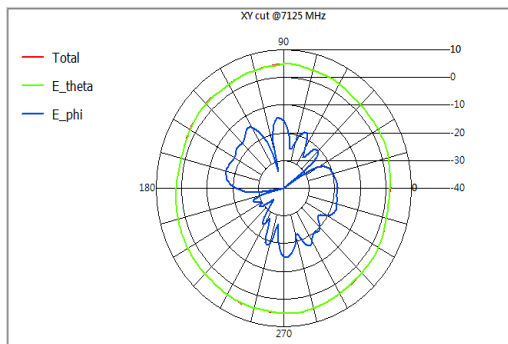
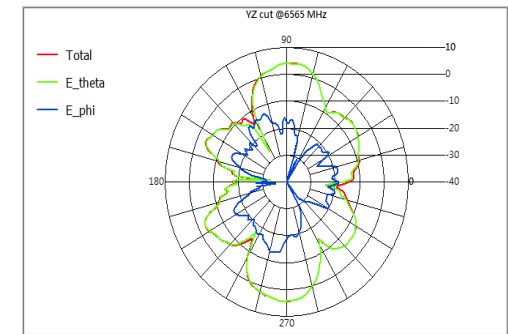
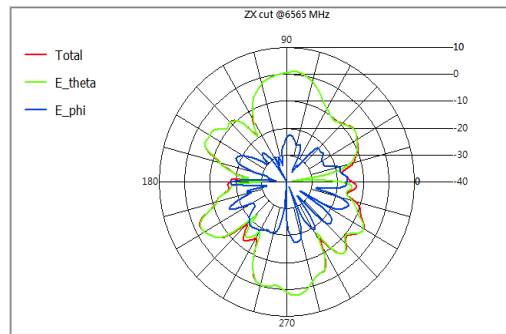
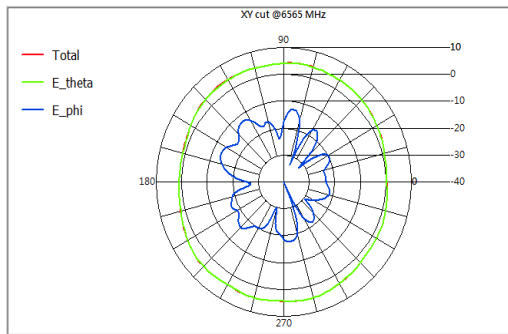
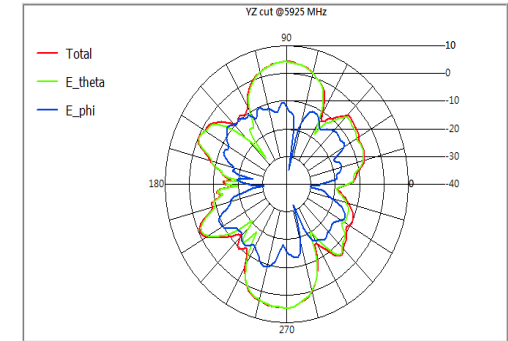
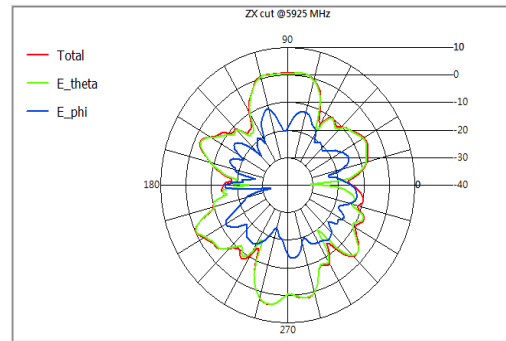
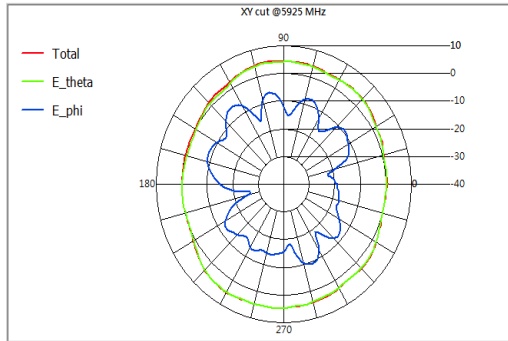
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VSWR

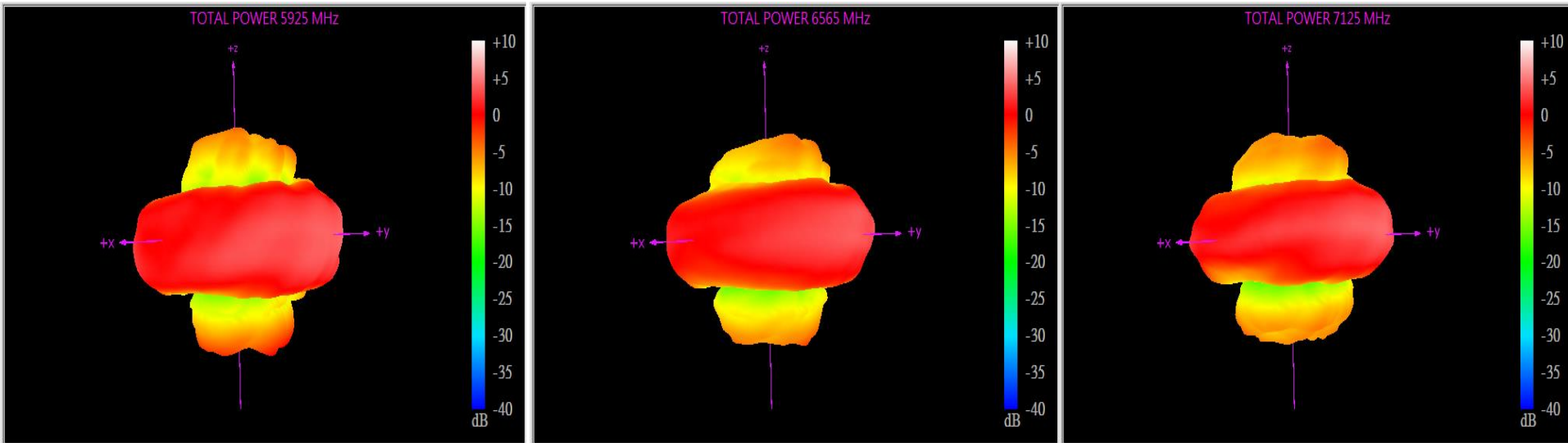


- Antenna proposal and specification
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- Measurement data
 - VSWR
 - Radiation pattern
 - Gain table

Radiation pattern 5.9G ~ 7.125G (2D)



Radiation pattern 5.9G ~ 7.125G (3D)



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Gain table

Frequency (MHz)	Peak Gain (dBi)	Efficiency (dB)	Efficiency (%)
5925	5.13	-1.50	70.78
6085	4.83	-1.77	66.56
6245	5.03	-2.12	61.32
6405	4.92	-1.96	63.63
6565	5.15	-1.70	67.64
6725	5.49	-1.51	70.61
6885	5.14	-1.83	65.55
7045	5.34	-1.96	63.72
7125	5.47	-2.07	62.04

Thanks for Your Time

To Grow and Succeed with AWAN !

