

Awan Dipole Datasheet

AW158SM001-00

Manufacturer: AWAN

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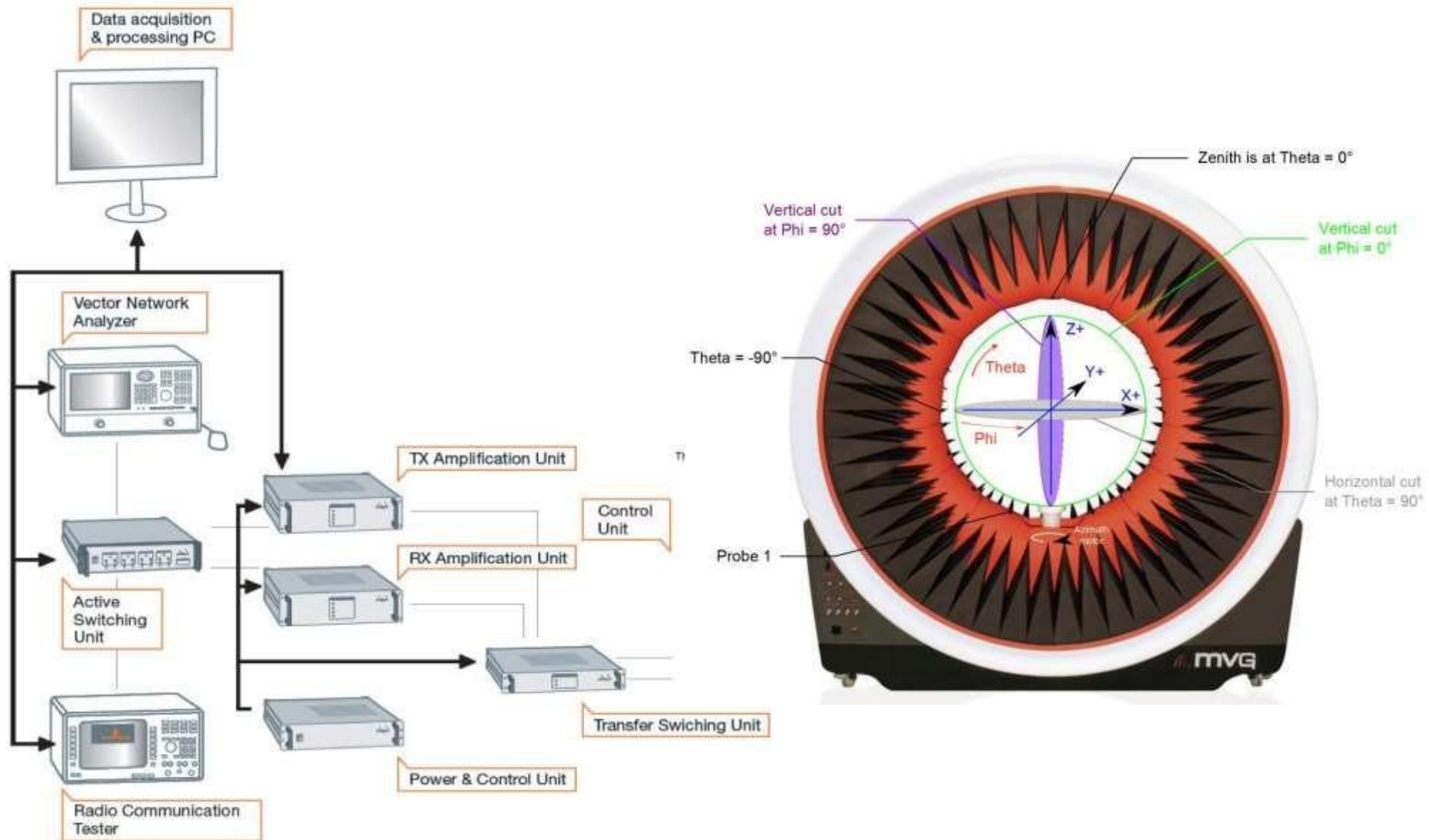
- **Antenna Testing Conditions**

1. Test System
2. Antenna Under Test
3. Antenna Specification

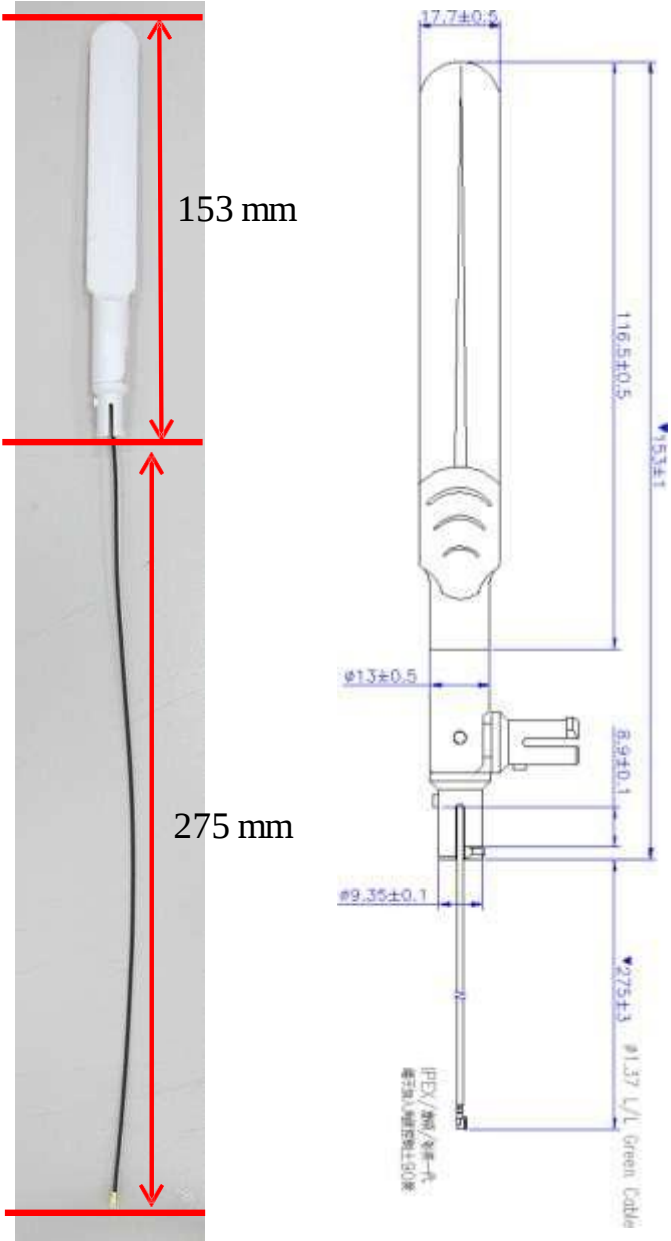
- **Antenna RF characteristics**

1. VSWR
2. Gain Table
3. Radiation Pattern 2D & 3D

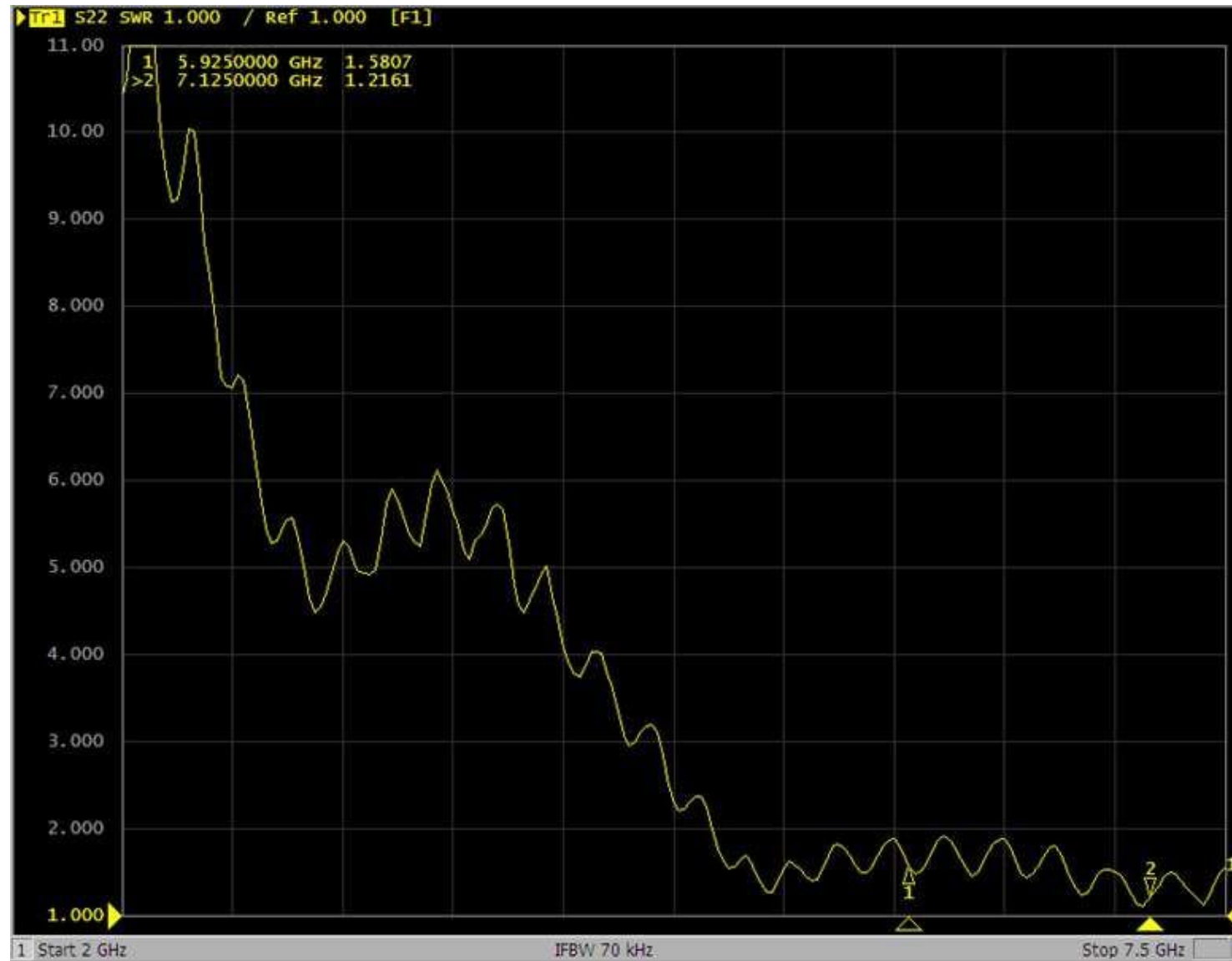
Antenna Test System



Antenna Specification

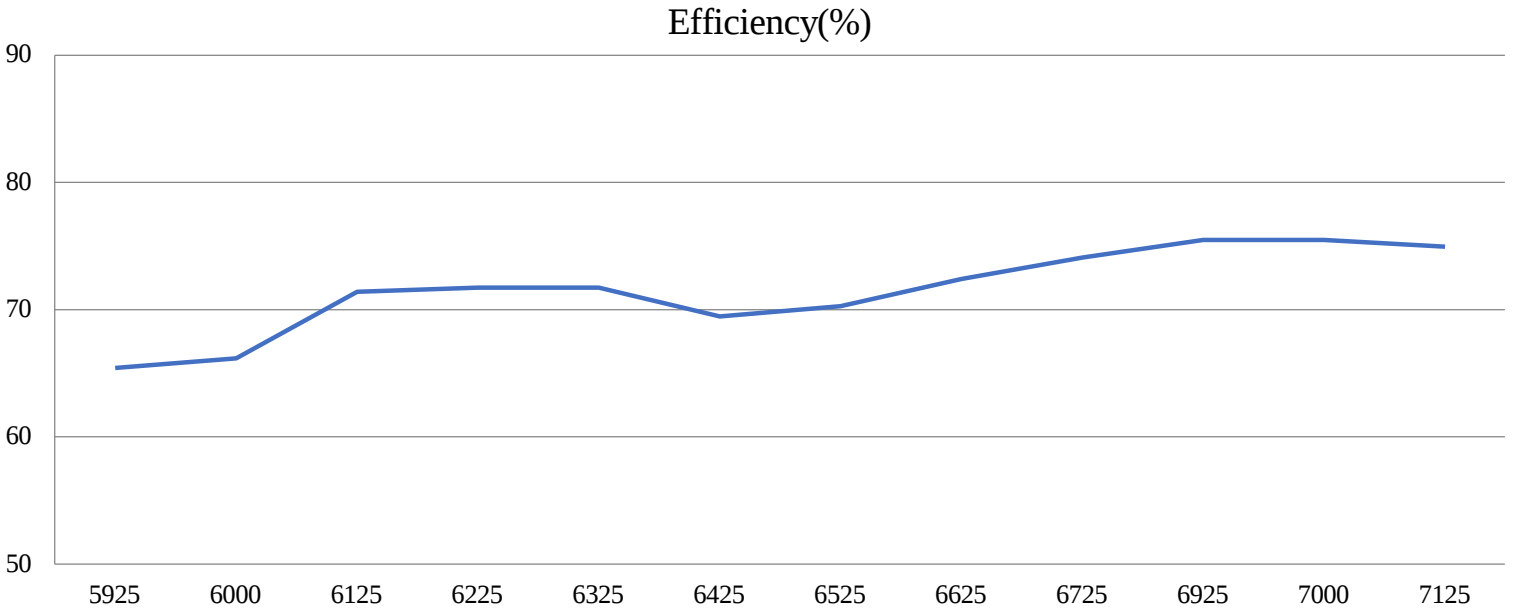
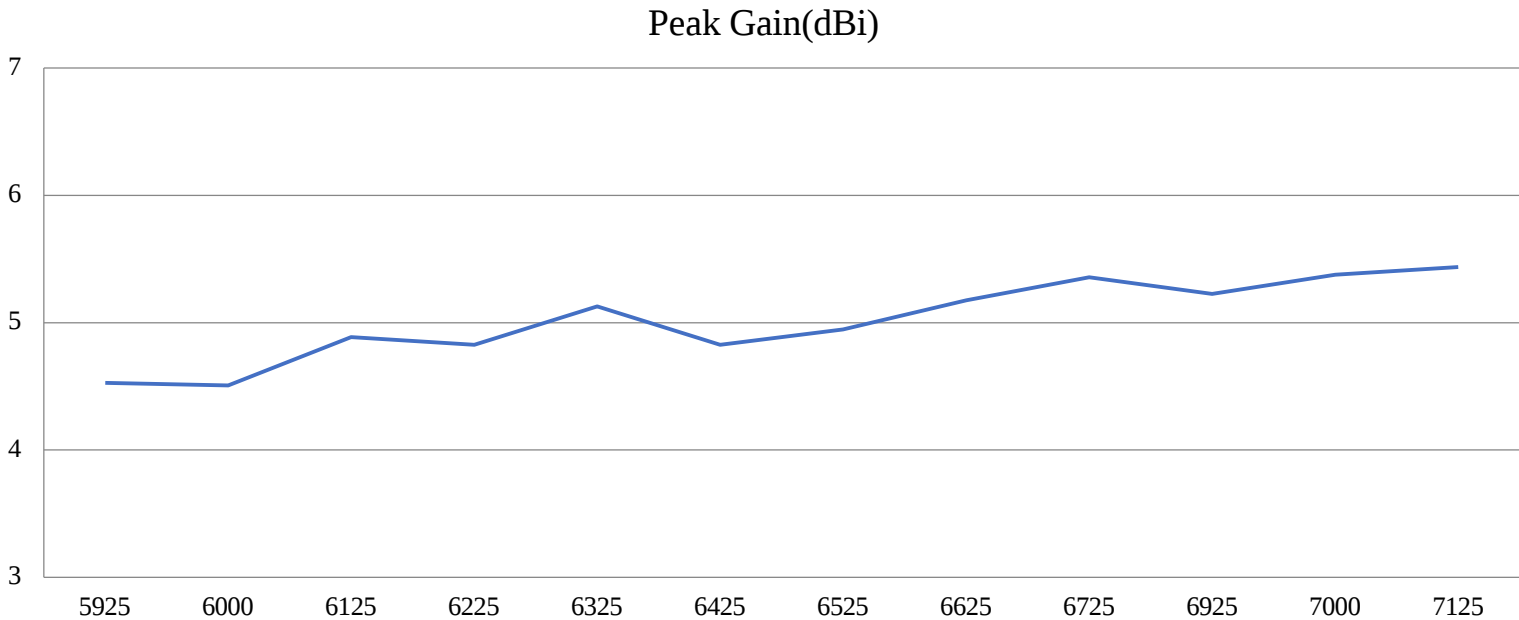


Parameter	Specification
Antenna Type	Dipole
VSWR	< 2
Frequency	5.925 GHz ~ 7.125GHz
Efficiency	5.925~7.125GHz @ 65~75%

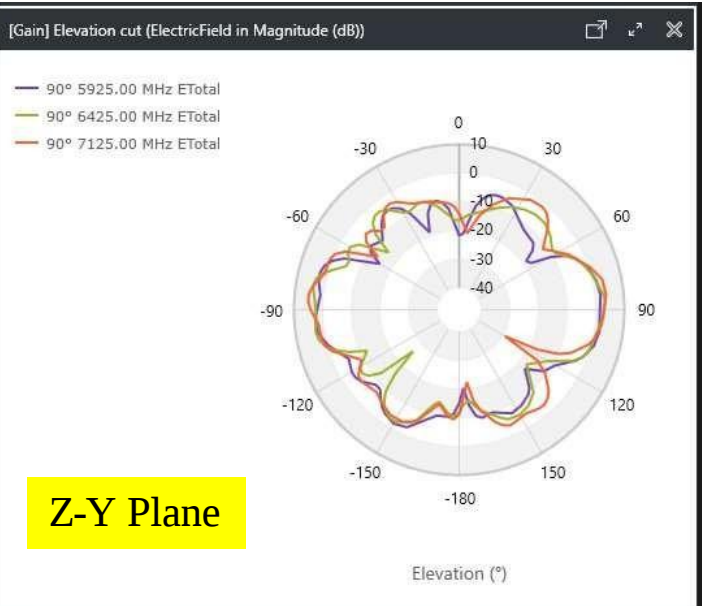
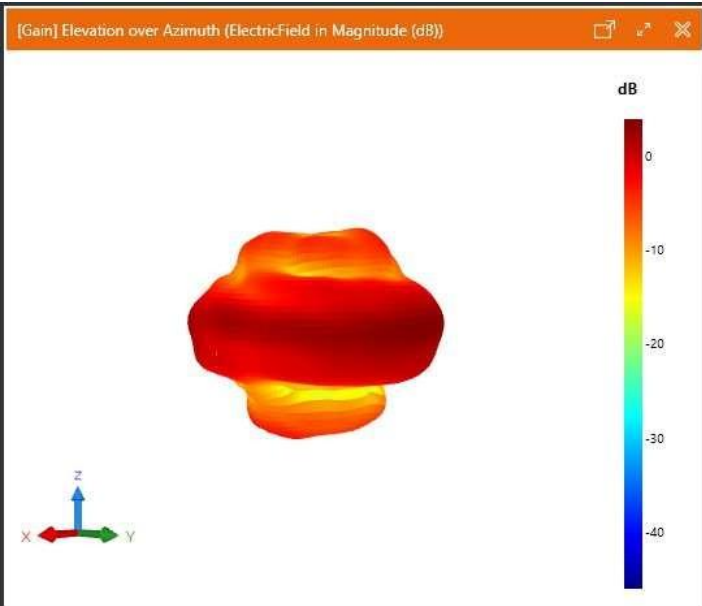


Gain Table

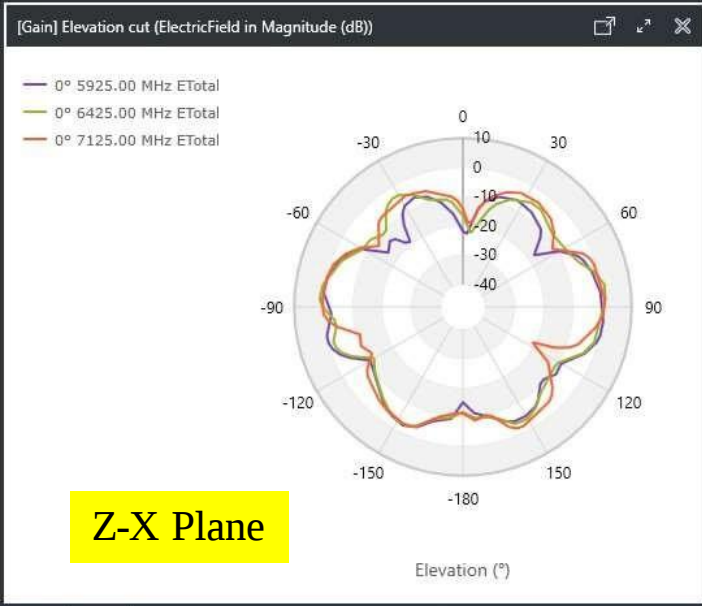
Frequency (MHz)	Peak Gain (dBi)	Efficiency (dB)	Efficiency (%)
5925	4.53	-1.84	65.46
6000	4.71	-1.79	66.22
6125	4.89	-1.46	71.45
6225	4.83	-1.44	71.78
6325	5.13	-1.44	71.78
6425	4.83	-1.58	69.50
6525	4.95	-1.53	70.31
6625	5.18	-1.40	72.44
6725	5.36	-1.30	74.13
6925	5.23	-1.22	75.51
7000	5.38	-1.22	75.51
7125	5.44	-1.25	74.99



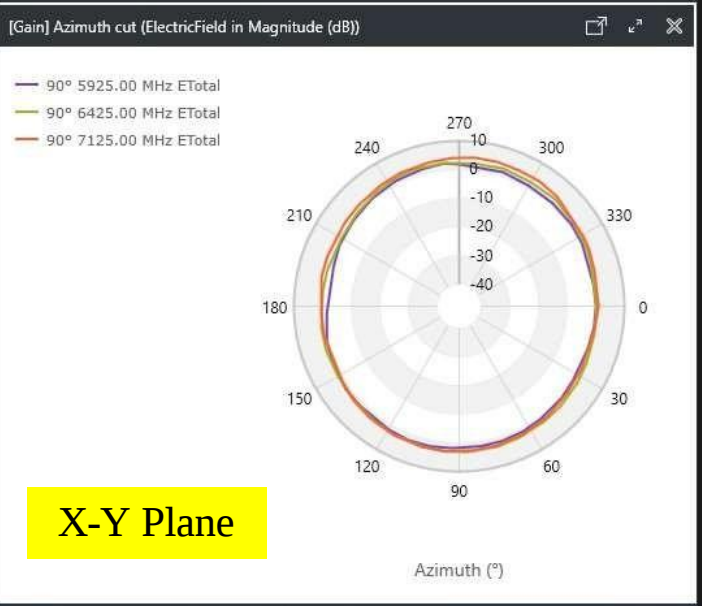
Radiation Pattern 2D & 3D (5925~7125MHz)



Z-Y Plane



Z-X Plane



X-Y Plane



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THANK YOU