

T401_Passive Data

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Antenna characteristics	Description
Antenna type and shape	PIFA / PCB PATTERN ANTENNA
Antenna gain(dBi)	1.64dBi
Directivity characteristic	Omnidirectional
Antenna Polarization characteristic	Linear
Connection type with transmitter	PCB PATTERN
Manufacturer and antenna model name	Radina Co.,Ltd / AT401-RADINA
Measurement Site	Radina Co.,Ltd
Antenna photo	



Antenna performance review

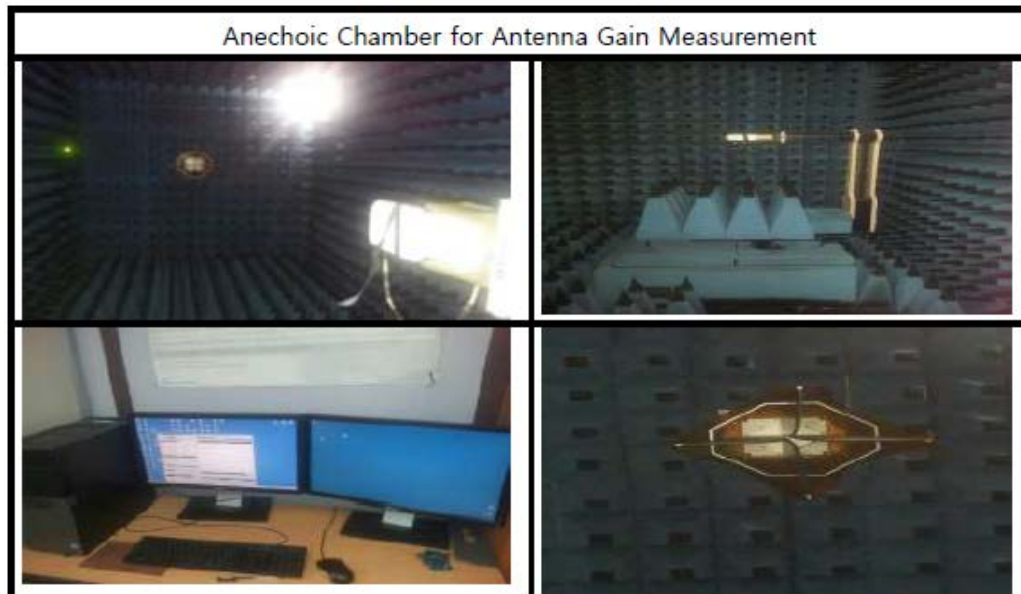
* Measurement Equipment

1) SWR / Return Loss

	Set Condition
Network Analyzer	Agilent 8753ES
Cable	Semi-rigid (40mm, 60mm)
Test condition	

2) Gain

: Antenna gain is measured in the anechoic chamber of this company.



3) Chamber Calibration Date : 2024.08.21

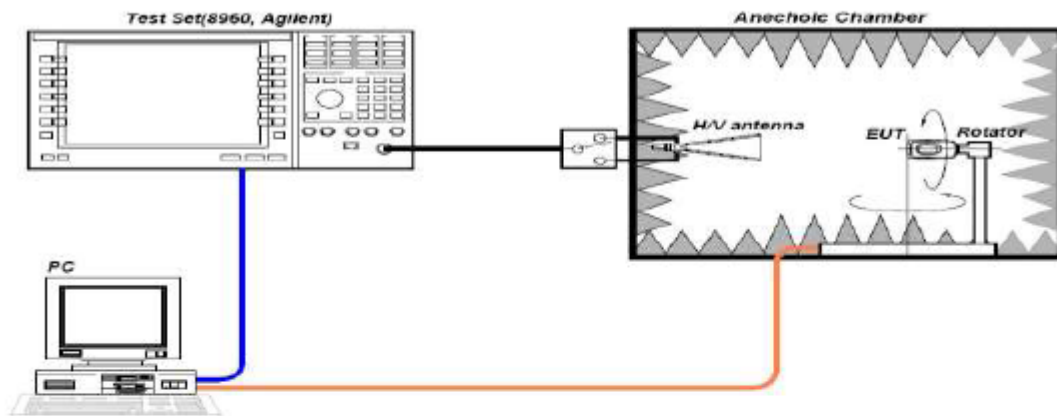
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* Measurement Set-Up

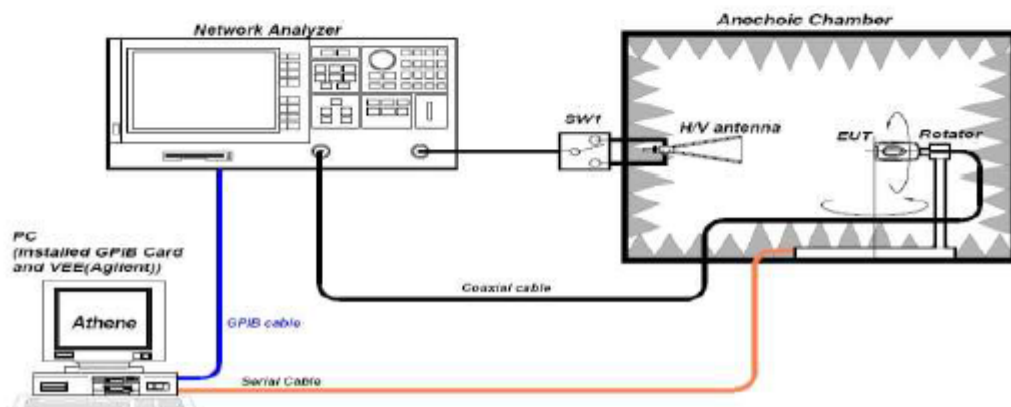
Active test Sysetm

- TRP, NHPRP,UHRP
- TIS, NHPIs, UHIS
- Relative Sensitivity

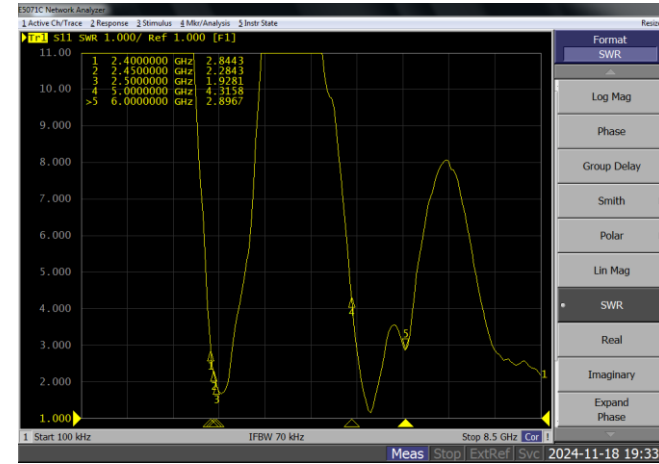


Passiver test Sysetm

- Efficiency
- Peak Gain, Avg, Gain
- Min, Max PWR



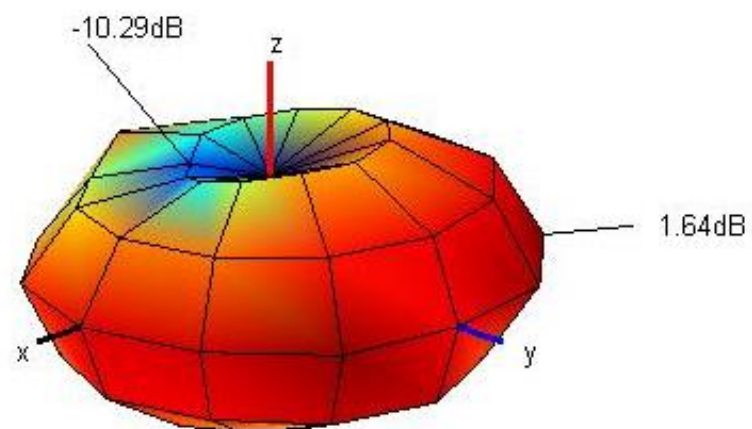
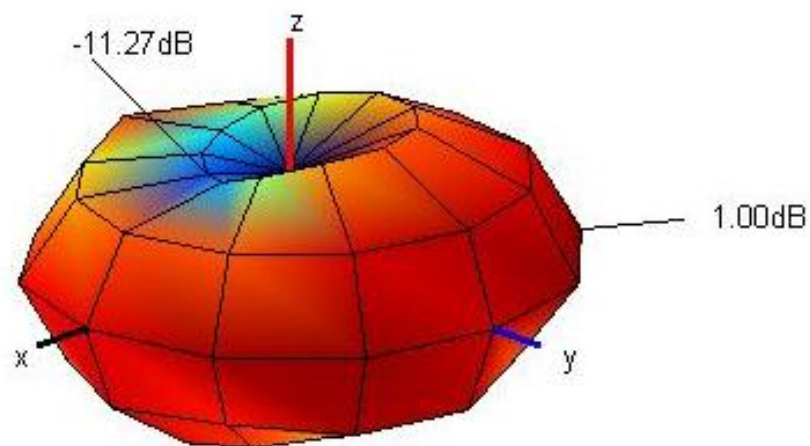
SWR



Efficiency

[illegible]

2. 3D Plot Data (2445 MHz)



3. 3D Plot Data (2480 MHz)

