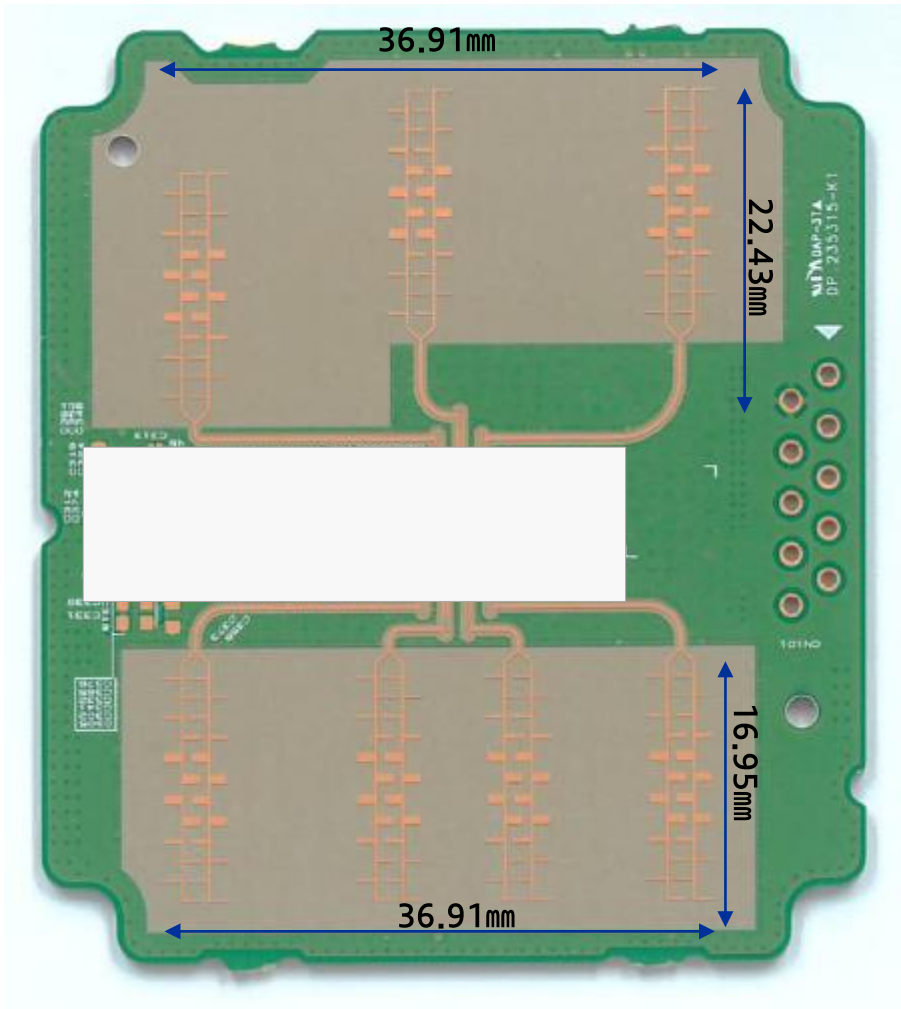


77 GHz Antenna Specification



Model: MAR326

Size: Refer to the picture.

Frequency: 76 - 77 GHz

77 GHz Antenna Specification

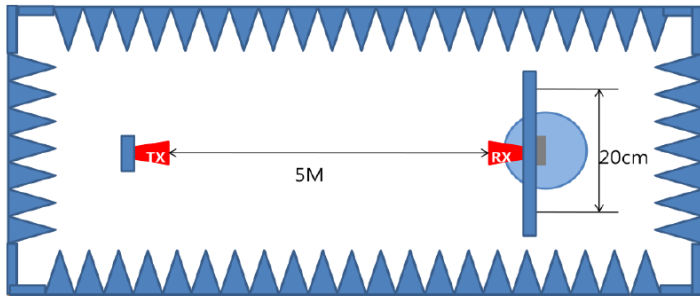
1. Test equipment

- a. Anechoic Chamber 1ea
- b. Agilent PNA-X N5242A(Network Analyzer) 1ea
- c. Agilent N5261A(mmwave controller) 1ea
- d. Agilent N5256AW10(mmwave module) 1ea

2. Test method

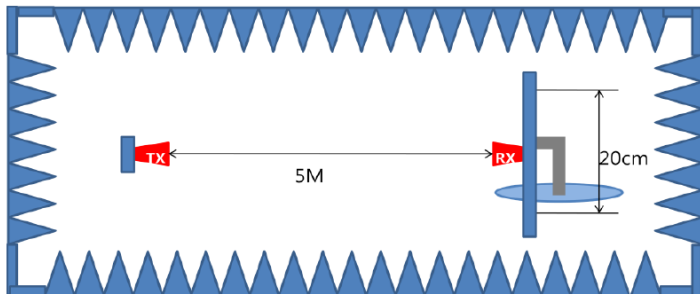
- Test Configuration

a. Horizontality Scan



(그림 1)

b. Verticality Scan



(그림 2)

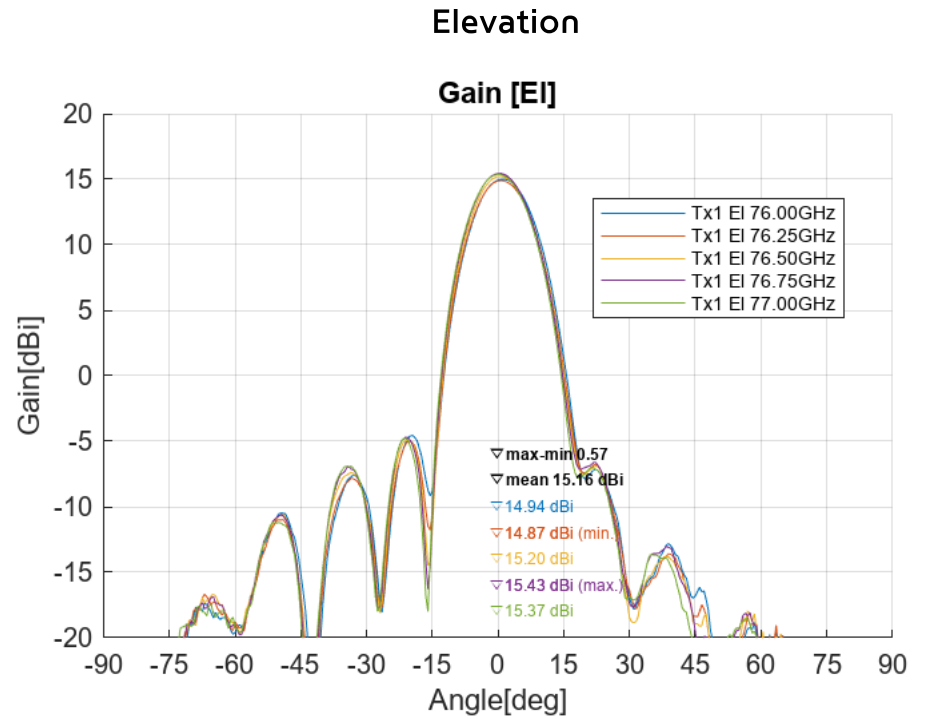
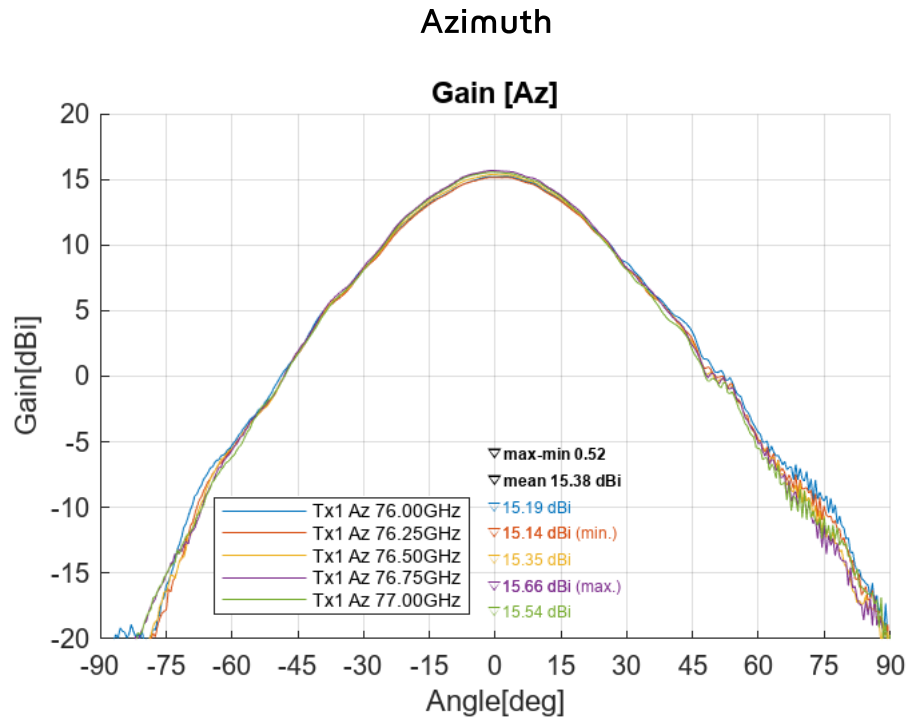
*Shield Enclosure 흡수체 정보

Size	10m x 4.5m x 2.5m (LxWxH)
Shielding Technology	Modular Panel Type
Shield Effectiveness	400MHz to 6GHz, 100dB
Door	Semi Auto Sliding Door, 1set
Accessories	Pan&Tilt CCTV System, 2set
Power Line Filter	2W-1P-30A-250VAC, 2es
Lights	LED Lights, 6ea
Air Vent	Honeycomb type, 6ea
HVAC	5RT, 1set

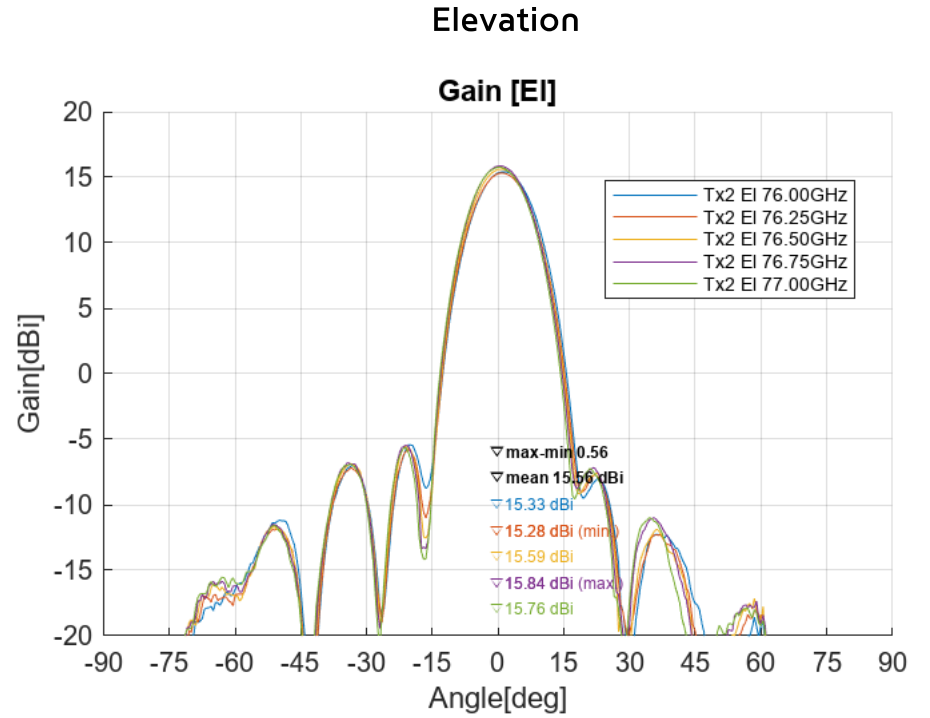
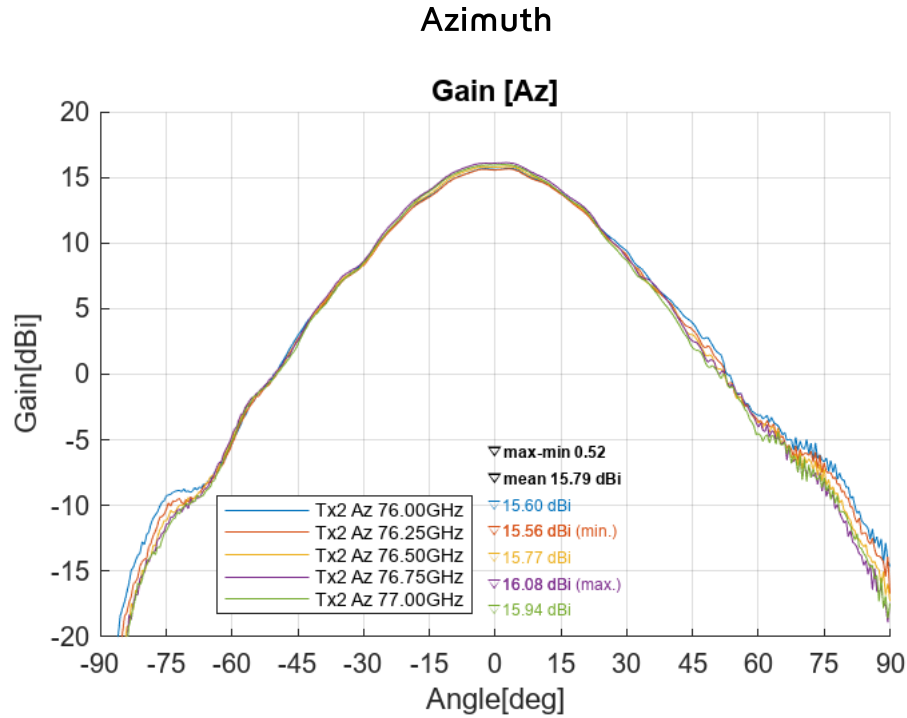
*Microwave Absorber

	Model	VHP-8-NRL, VHP-4-NRL
	Manufacturer	Emerson&Cuming
	Fire Retardancy	NRL Test 1,2 & 3

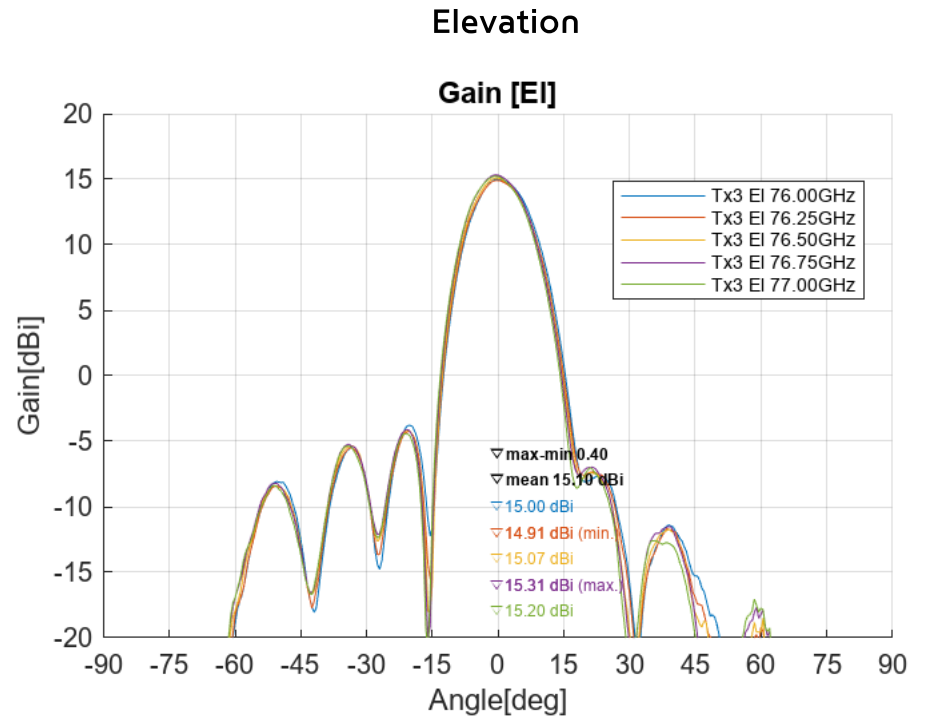
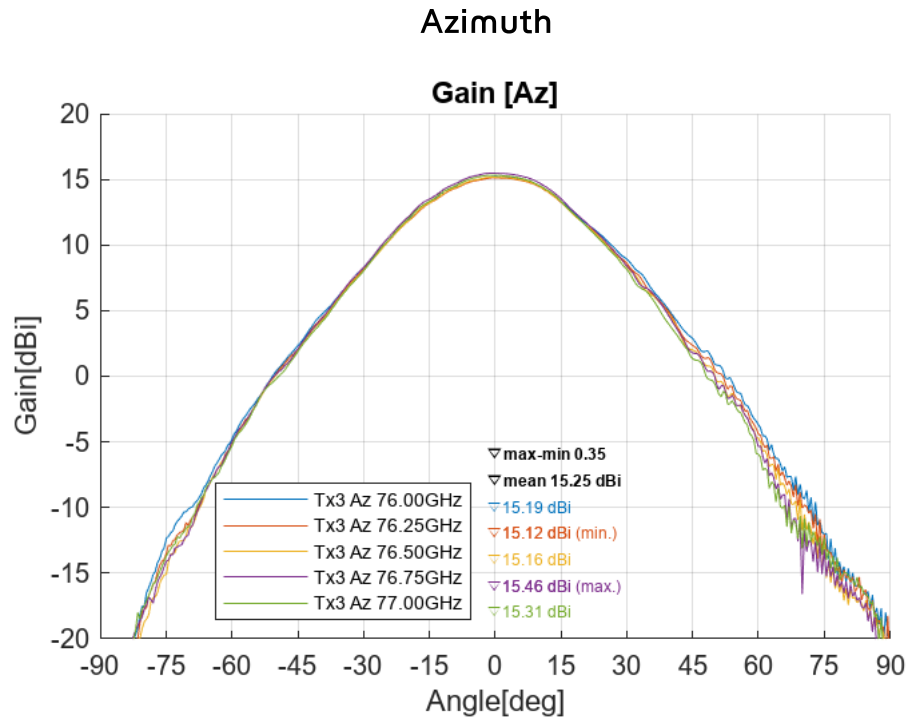
77 GHz Antenna Specification



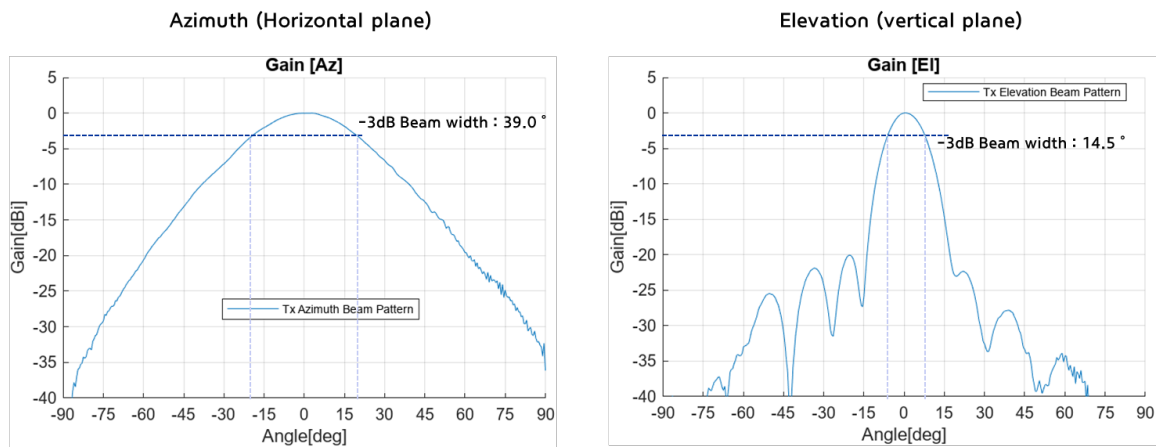
77 GHz Antenna Specification



77 GHz Antenna Specification



Antenna polarization : Horizontal Polarization (Transmit & receive)
Center Frequency : 76.25 GHz



The beam width at the point where the energy becomes -3dB for the beam pattern = Azimuth: about 39 degrees, Elevation about 14 degrees