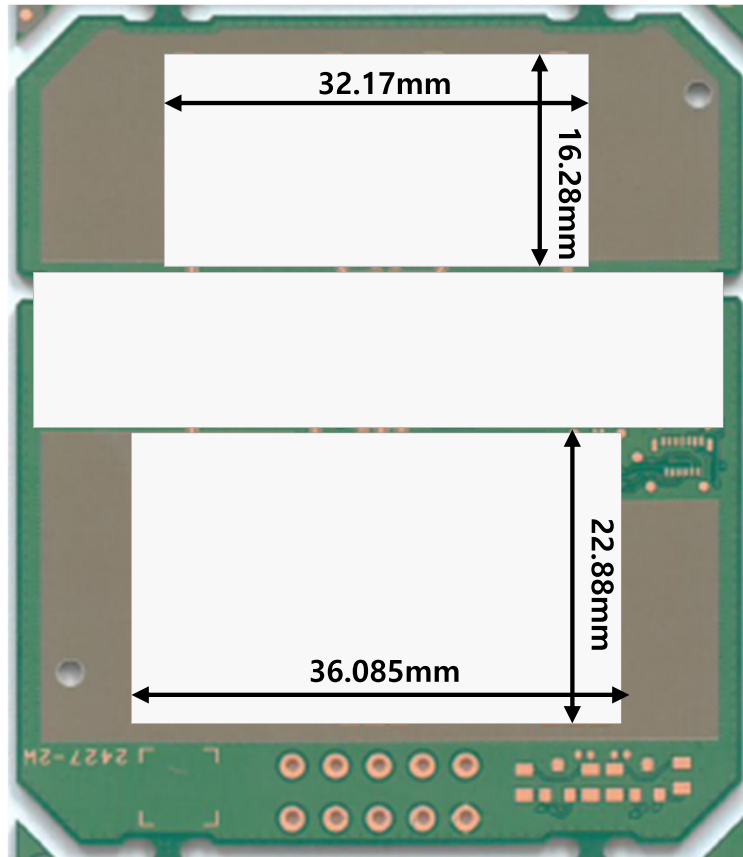


MAR130 Antenna

Restricted



Model: MAR130

Size: Refer to the picture

Frequency: 76 – 77GHz

Peak Gain (Tx Ant.) = 13.35dBi

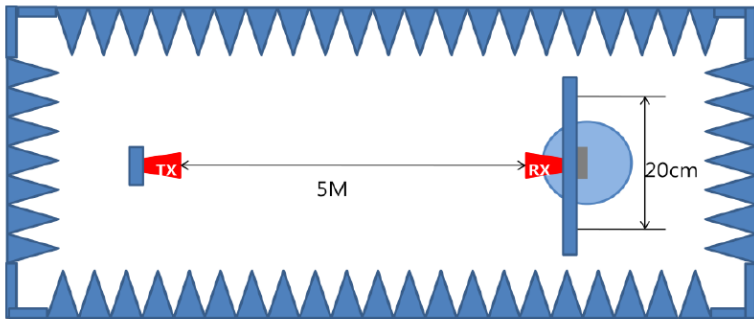
1. Test Equipment

- 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

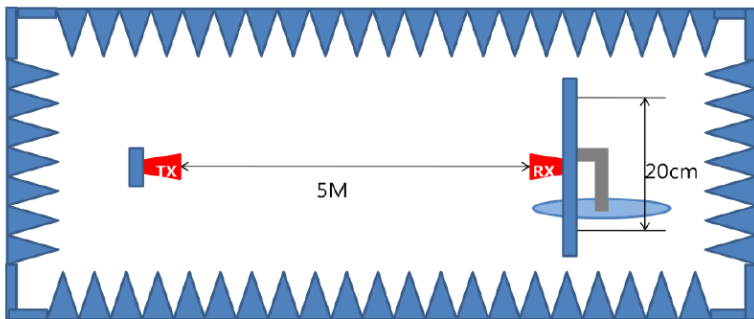
- Test Configuration

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

MAR130 Beam Pattern (Tx Ant.)

Restricted

Antenna polarization: Horizontal Polarization
Center Frequency: 76.75GHz

