

Antenna Type : Dipole

RFA-25-AP152R-70B360

Specifications

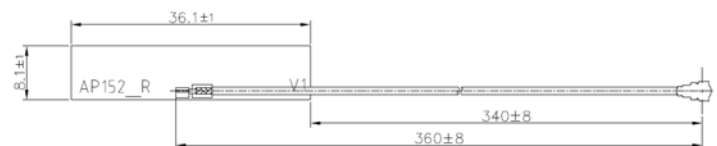
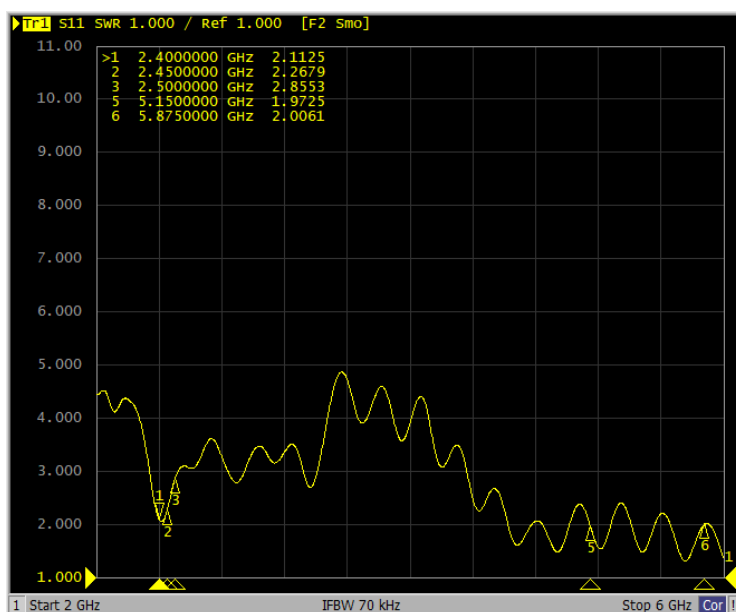
Frequency	2400-2500 MHz	5150-5875 MHz
Peak gain	2.55 dBi	2.34 dBi
Average gain	-3.87 dBi	-3.84 dBi
Efficiency	41 %	41.3 %
VSWR	3.5 : 1 Max.	3.0 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	∅1.13 L:360mm	



Environment & Mechanical Characteristics

Temperature	-10°C to +55°C
Humidity	95% @ 25°C

VSWR



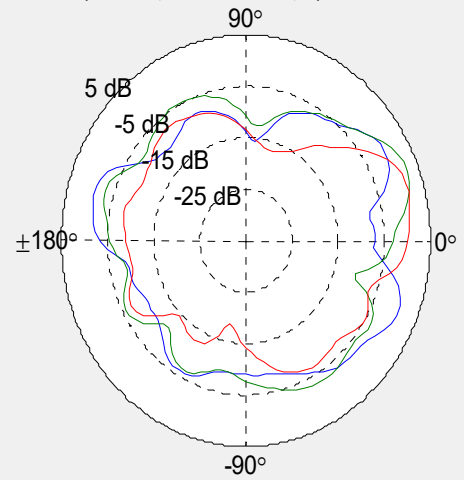
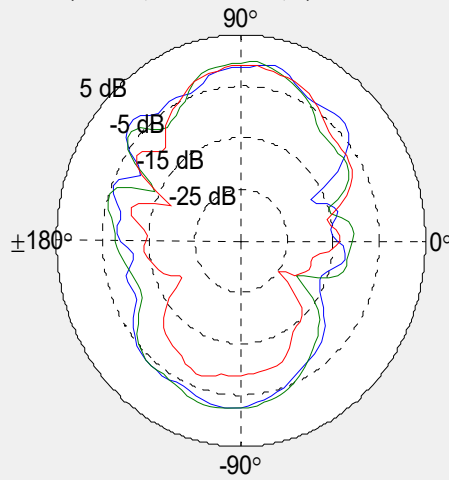
Radiation Pattern

2G Band = 2400 - 2500 MHz % 2G BAND

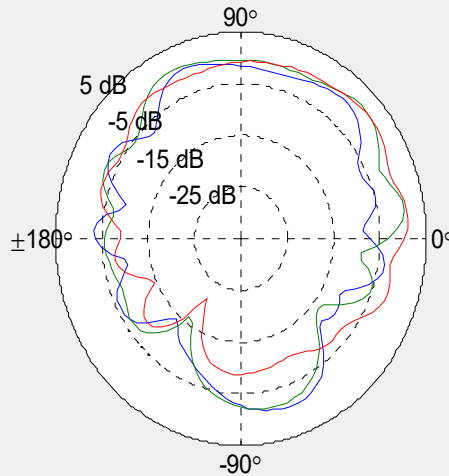
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

- 2400 MHz
- 2450 MHz
- 2500 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



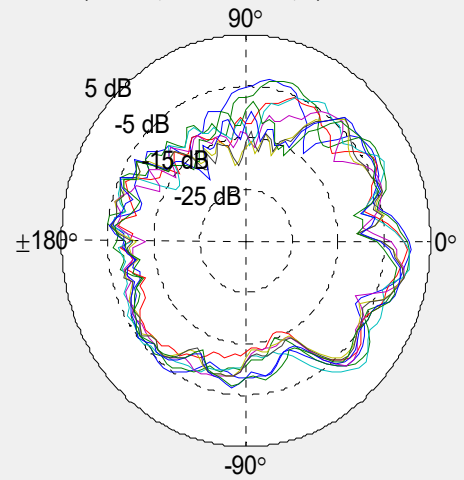
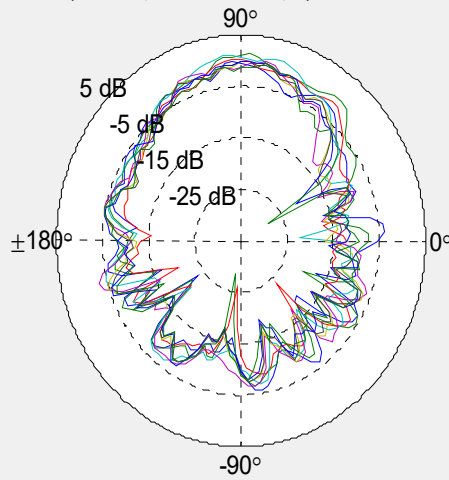
Radiation Pattern

5G Band = 4900 - 5975 MHz

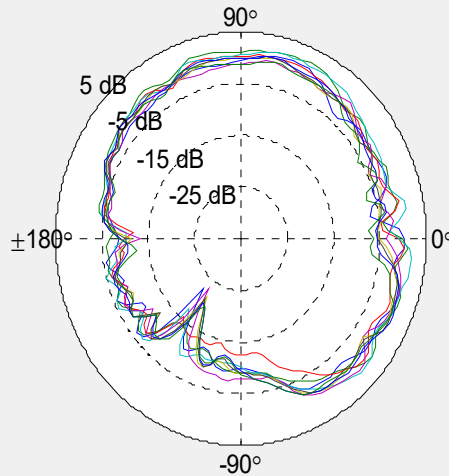
XY Plane (+X = 0φX, +Y = +90φX) / Elevation = 90 φX

ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX

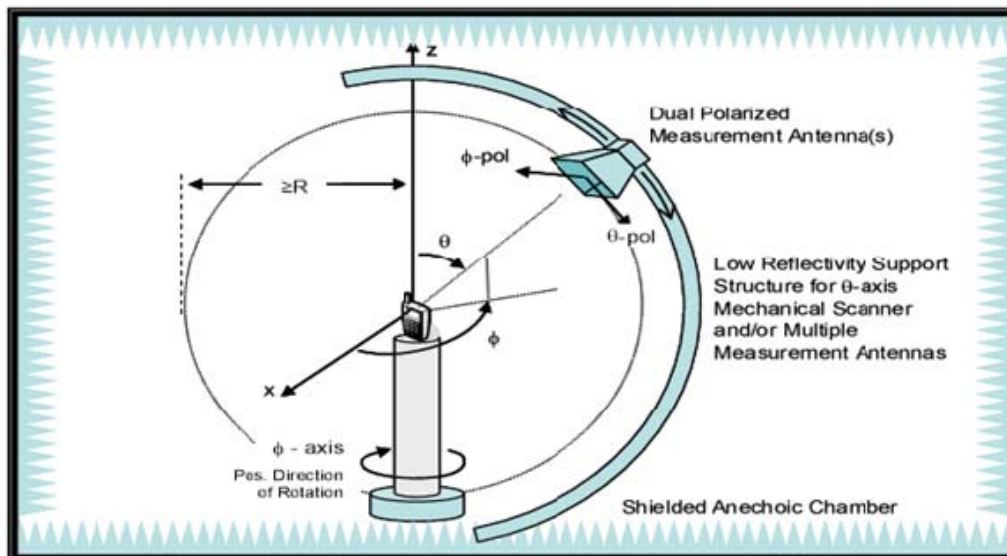
- 5150 MHz
- 5250 MHz
- 5350 MHz
- 5475 MHz
- 5600 MHz
- 5725 MHz
- 5750 MHz
- 5825 MHz
- 5875 MHz



YZ Plane (+Z = 0φX, +Y = +90φX) / Azimuth = 90 φX



Equipment Description	Manufacturer	Identification no.	Current calibration date	Next calibration date
Universal Radio Communication tester	Anritsu	MT8821C	2022/07/19	2023/07/18
Network Analyzer	Keysight	E5063A	2021/12/02	2024/12/01
Sleeve Dipole	MVG	SD740	2022/05/23	2025/05/22
Dual Ridge Horn	MVG	SH600-25	2022/05/23	2025/05/22
Wideband Dipole	MVG	WD6000-20	2022/05/23	2025/05/22
StarLab probe array	MVG	StarLab	2022/05/23	2023/05/22
Measurement software	MVG	Wave Studio 2020.2.7	N/A	N/A
Wireless protocol tester	Anritsu	MT8862A	2022/07/19	2023/07/18



測試人員：Jerry

測試日期：2022/11/18