

Antenna Type : Dipole

RFA-25-AP152R-70-180

Specifications

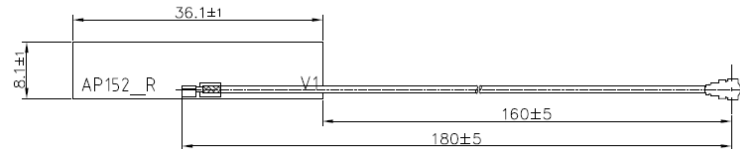
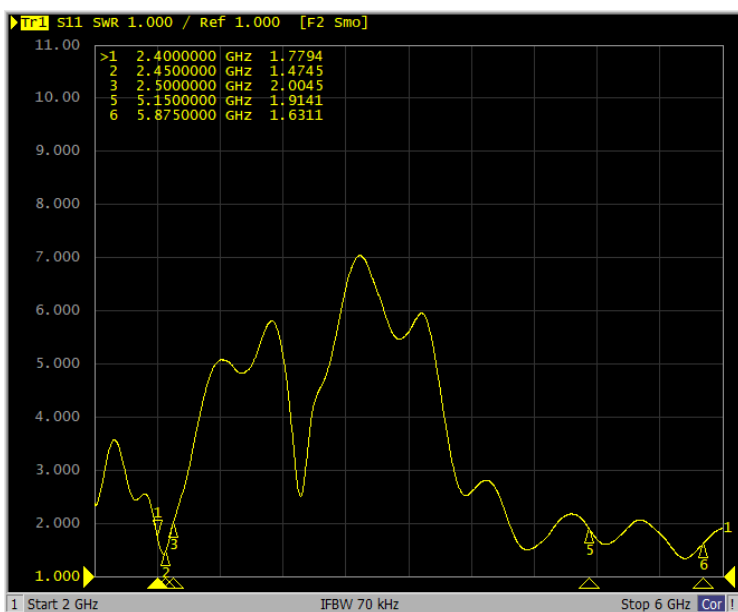
Frequency	2400-2500 MHz	5150-5875 MHz
Peak gain	3.42 dBi	4.33 dBi
Average gain	-2.8 dBi	-3.1 dBi
Efficiency	52.38 %	49 %
VSWR	2.5 : 1 Max.	2.5 : 1 Max.
Polarization	Linear, vertical	
Impedance	50 Ω	
Connector	IPEX	
Cable	Ø1.13 L:180mm	



Environment & Mechanical Characteristics

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

VSWR



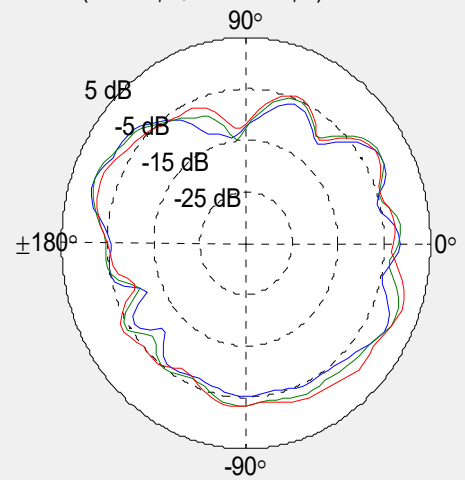
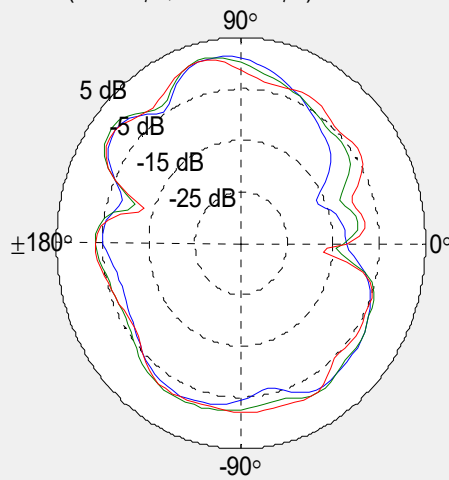
Radiation Pattern

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

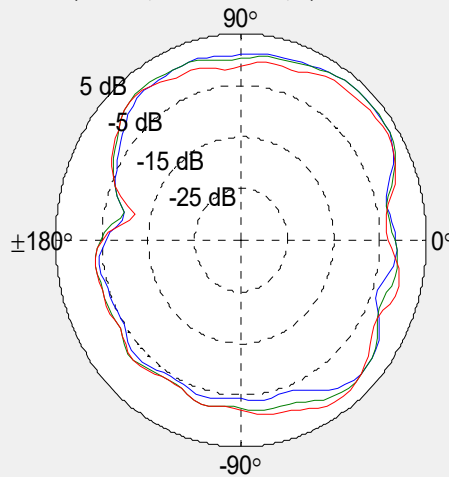
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X

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

- 2400 MHz
- 2450 MHz
- 2500 MHz



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

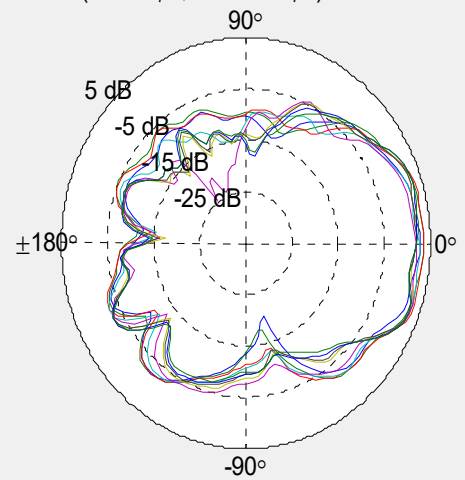
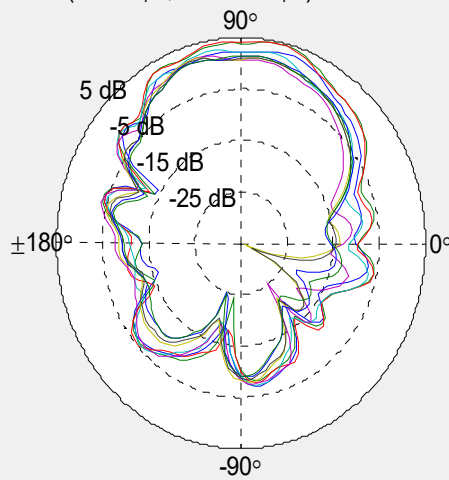
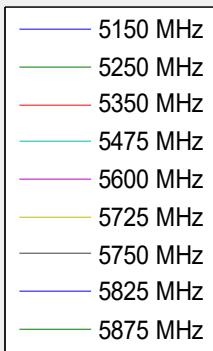


Radiation Pattern

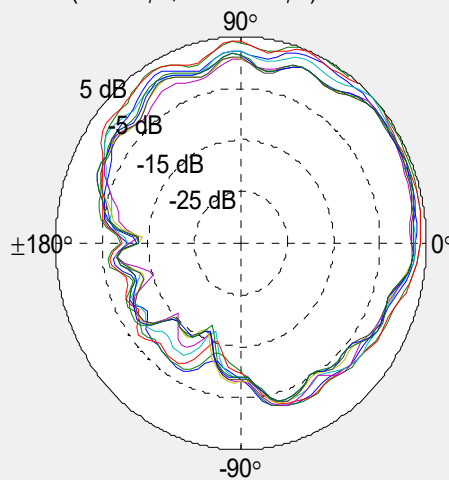
5G Band = 4900 - 5975 MHz

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

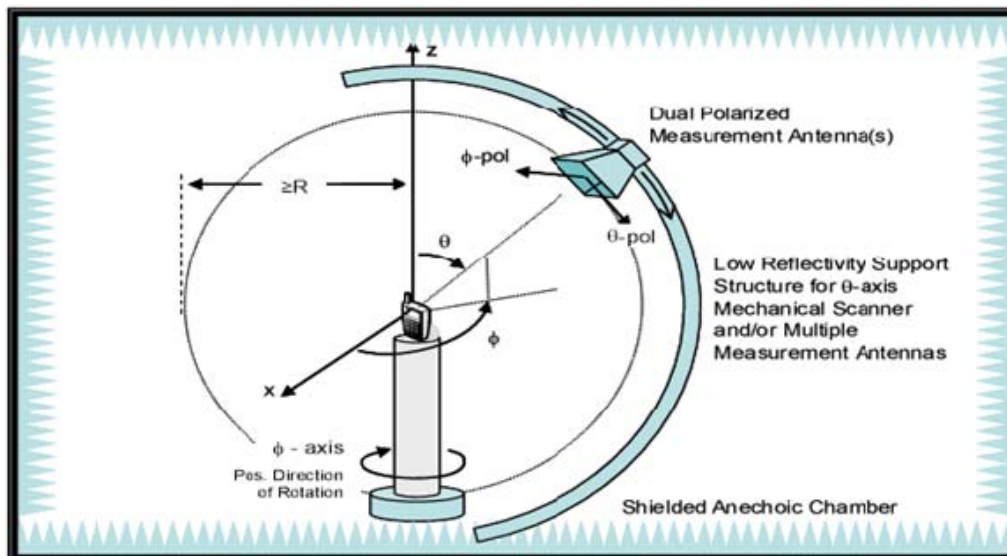
ZX Plane (+Z = 0φX, +X = +90φX) / Azimuth = 0 φX



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