

P/N: MA-ANT-27



✓ RF Specification

- Frequency Range: 2.4~2.5GHz / 5.15~5.875GHz
- Polarization: Linear, Vertical / Horizontal
- HPBW / Horizontal: 86° / 65°
- HPBW / Vertical: 34° / 18°
- Peak Gain: 9dBi / 12dBi
- VSWR: 2.0max:1
- Isolation: >25 dB
- Power Handling: 2W(cw)
- Impedance: 50 Ohms
- Cable Length: 40cm
- Connector: N-Plug

✓ Environmental & Mechanical Characteristics

- Temperature: -40°C to +70°C
- Humidity: 95% @55°C
- Radome Material: ASA, UV Resistance
- Dimensions: 233mm(L) x 140mm(W) x 48mm(T)
- Weight: 630g

Performance Summary

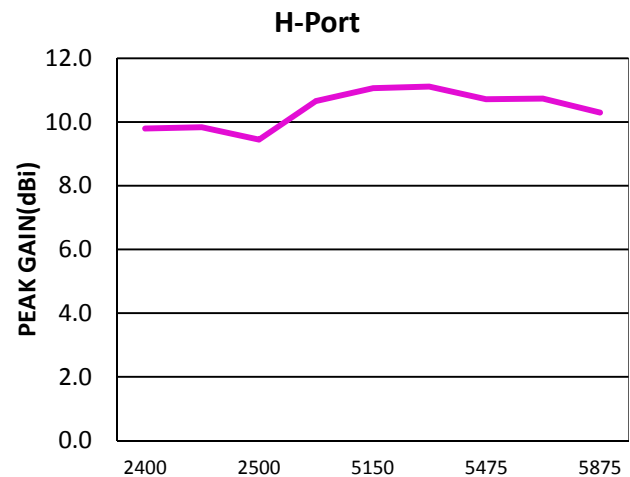
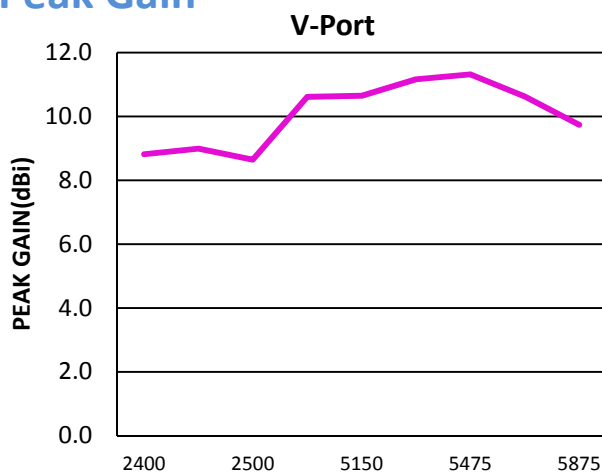
V-Port

Frequency (MHz)	3D		HPBW	
	Avg. Gain	Peak Gain	H-plane	V-plane
2400	-1.7	8.8	86	34
2450	-1.6	9.0	85	34
2500	-2.1	8.6	84	34
4900	-3.1	10.6	58	18
5150	-2.8	10.6	57	18
5350	-2.6	11.2	65	17
5475	-3.0	11.3	55	16
5725	-3.4	10.6	55	15
5875	-4.0	9.7	56	16

H-Port

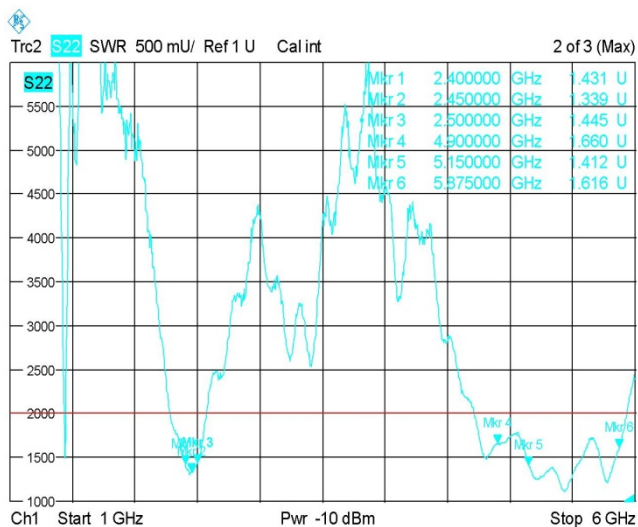
Frequency (MHz)	3D		HPBW	
	Avg. Gain	Peak Gain	H-plane	V-plane
2400	-1.7	9.8	60	37
2450	-1.6	9.8	62	37
2500	-2.2	9.4	61	36
4900	-2.9	10.7	71	19
5150	-2.6	11.1	71	19
5350	-2.6	11.1	70	19
5475	-3.1	10.7	66	17
5725	-3.4	10.7	61	16
5875	-4.1	10.3	58	16

• Peak Gain

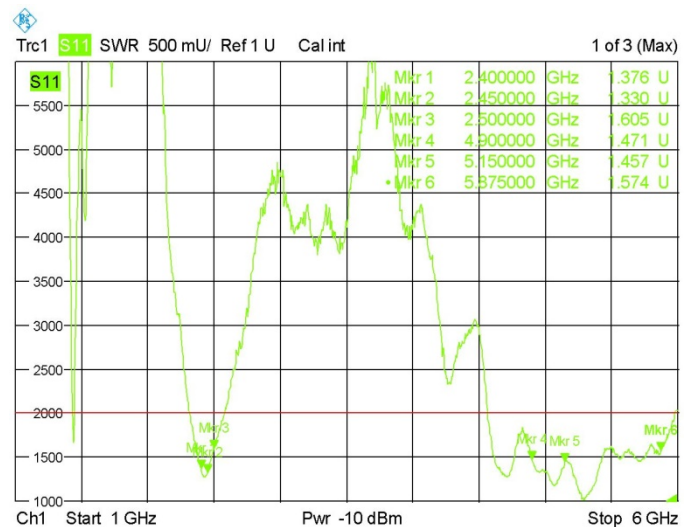


• VSWR

V-Port



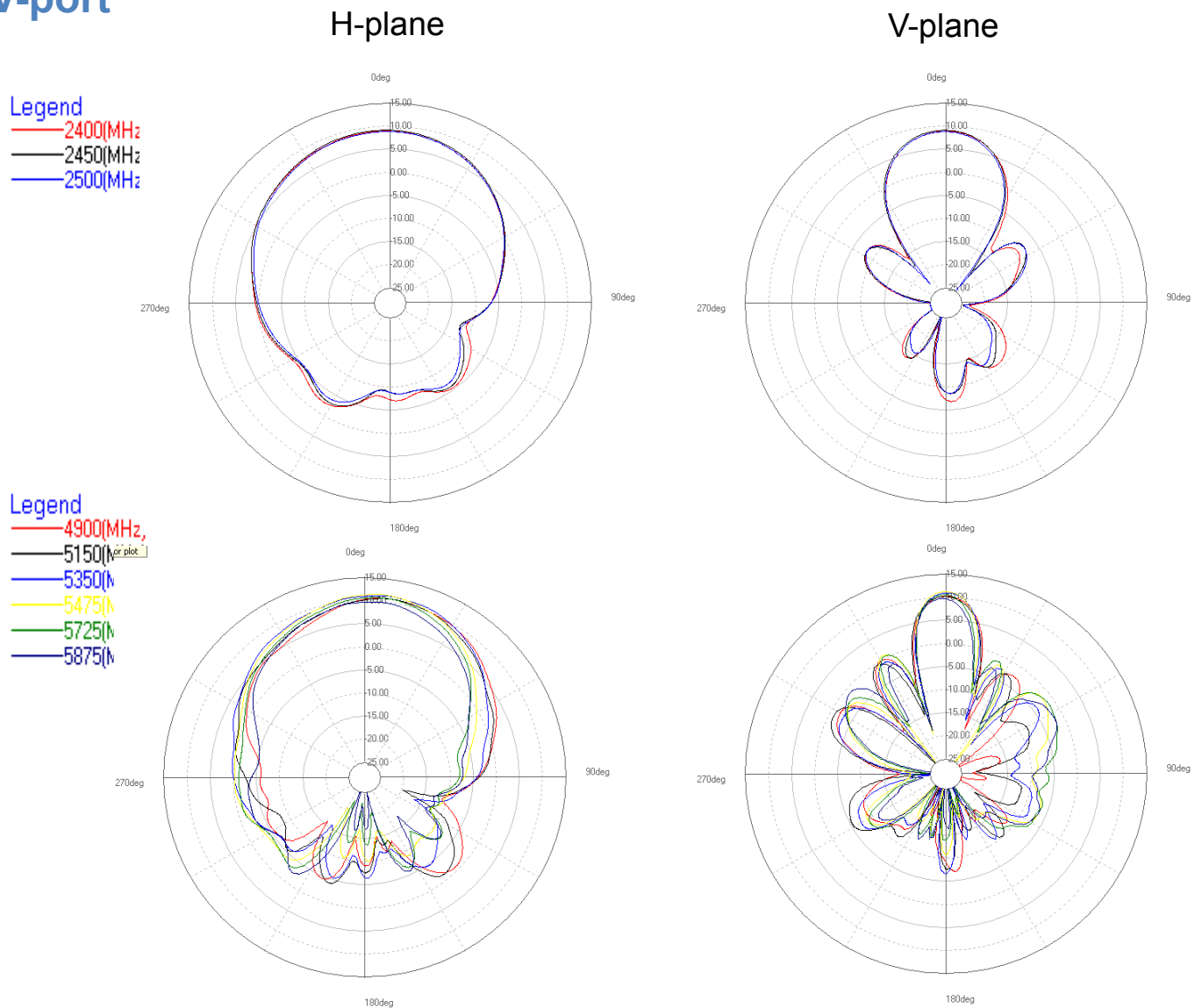
H-Port



- Isolation



- Radiation Pattern
V-port



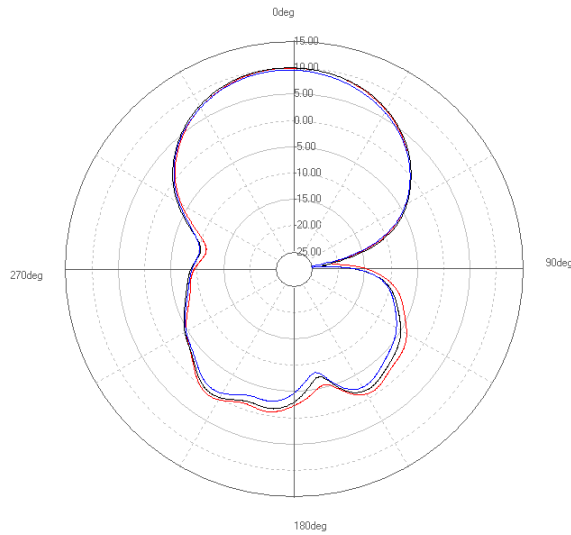
Radiation Pattern

H-port

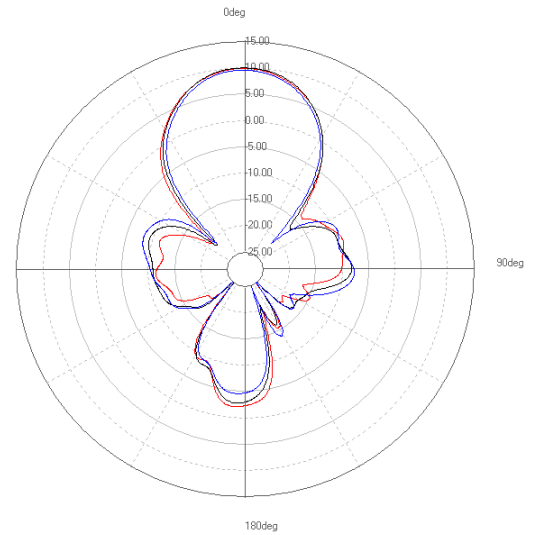
H-plane

Legend

- 2400(MHz)
- 2450(MHz)
- 2500(MHz)



V-plane



Legend

- 4900(MHz)
- 5150(MHz)
- 5350(MHz)
- 5475(MHz)
- 5725(MHz)
- 5875(MHz)

