

2.4GHz /5GH Outdoor Dual Band Antenna

P/N: ANT-25



✓ RF Specification

- | | |
|----------------------|-------------------------------|
| • Frequency Range: | 2.4~2.5GHz / 5.15~5.875GHz |
| • Polarization: | Linear, Vertical / Horizontal |
| • HPBW / Horizontal: | 60° / 75° |
| • HPBW / Vertical: | 70° / 84° |
| • Peak Gain: | 8dBi / 6.5dBi |
| • VSWR: | 2.0max:1 |
| • Isolation: | >15 dB |
| • Power Handling: | 2W(cw) |
| • Impedance: | 50 Ohms |
| • Cable Length: | 40cm |
| • Connector: | N-Plug |

✓ Environmental & Mechanical Characteristics

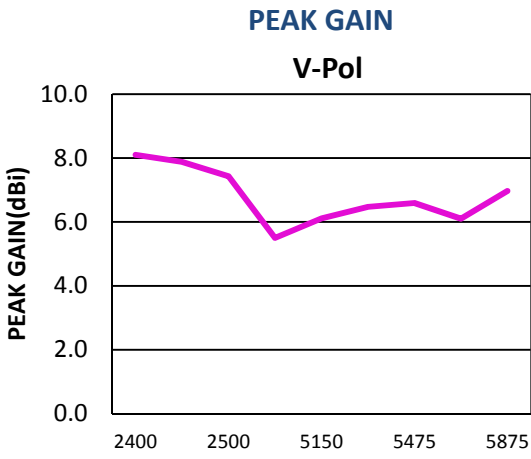
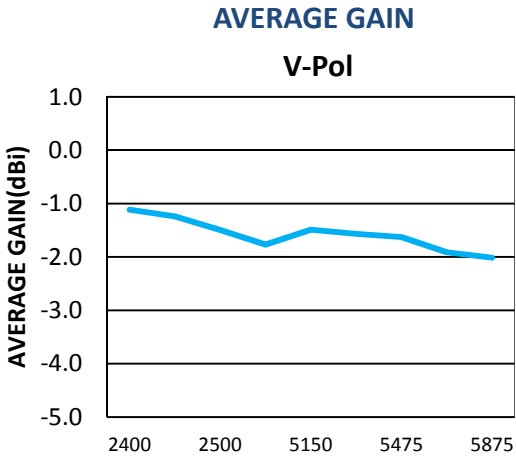
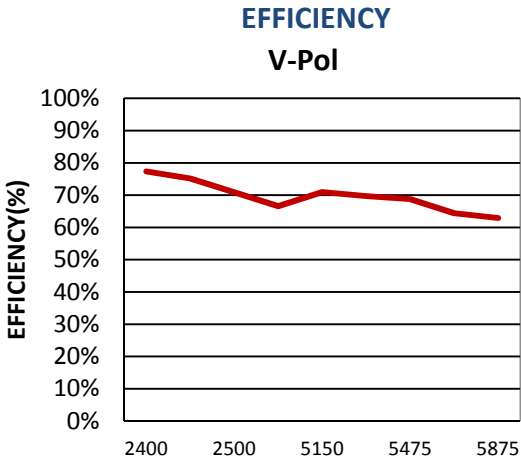
- Temperature: -40℃ to +70℃
- Humidity: 95% @55℃
- Radome Material: PC, UV Resistance
- Dimensions: 180mm(L) x 180mm(W) x 47mm(T)
- Weight: 630g

Performance Summary

✓ V-Polarization

Performance Summary

Frequency (MHz)	3D			HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane
2400	77%	-1.1	8.1	55	69
2450	75%	-1.2	7.9	57	71
2500	71%	-1.5	7.6	57	71
5150	71%	-1.5	6.2	79	82
5350	70%	-1.6	6.5	75	84
5475	69%	-1.6	6.6	72	86
5725	64%	-1.9	6.3	72	87
5875	63%	-2.0	7.1	56	76

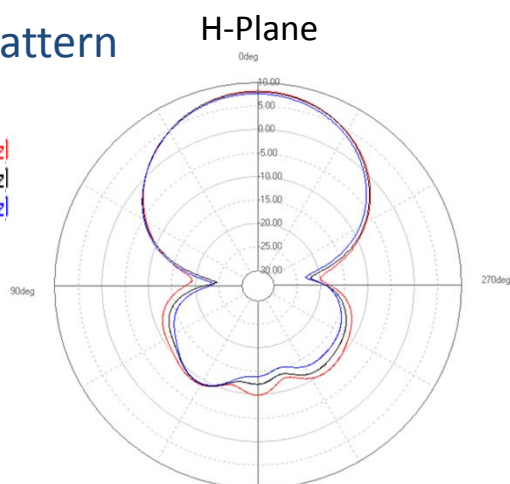


Radiation Pattern V-Pol

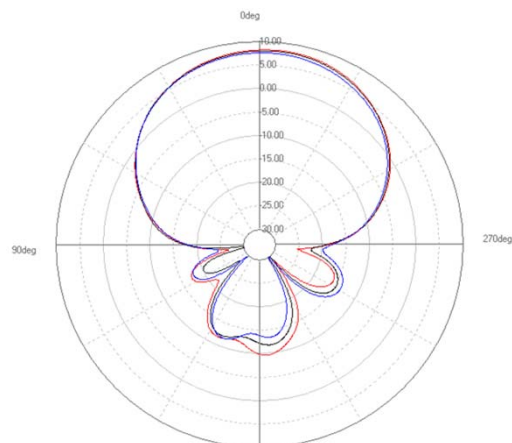
Co-Polar Pattern

Legend

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

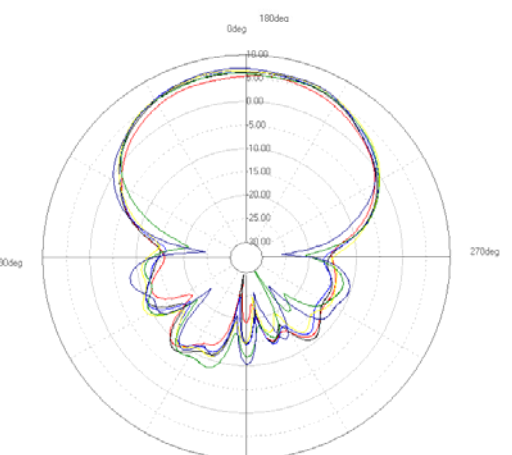
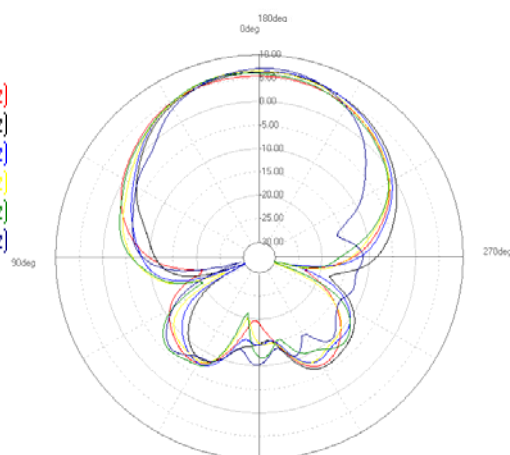


V-Plane



Legend

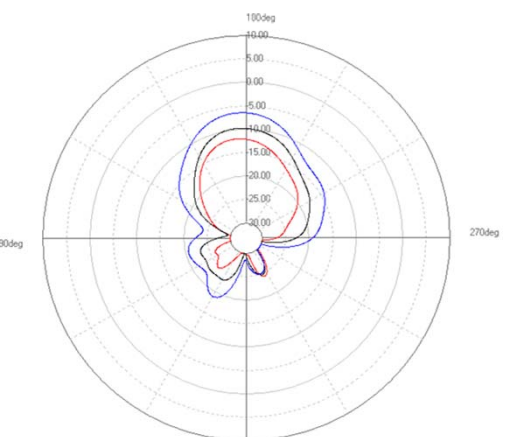
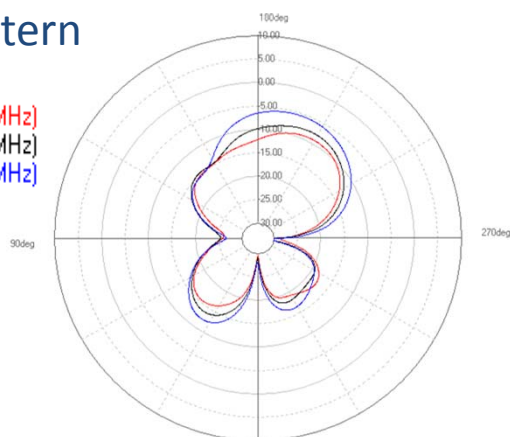
- 4900(MHz)
- 5150(MHz)
- 5350(MHz)
- 5475(MHz)
- 5725(MHz)
- 5875(MHz)



X-Polar Pattern

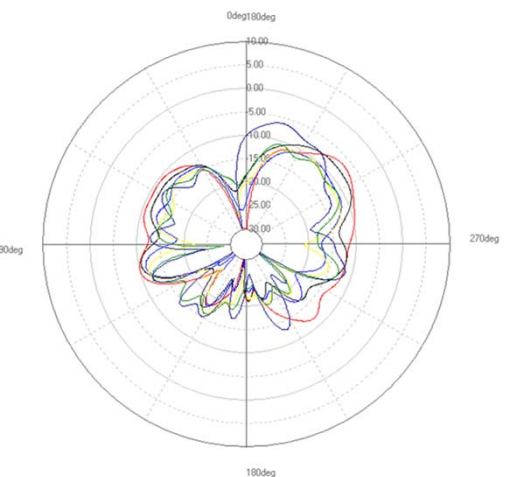
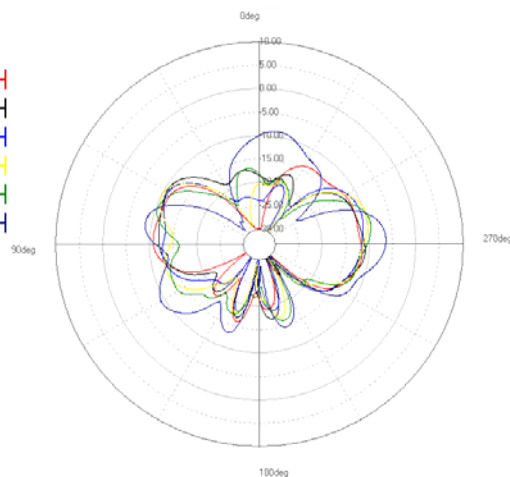
Legend

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



Legend

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



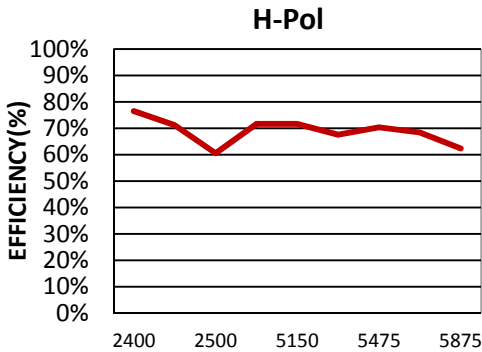
Performance Summary

✓ **H-Polarization**

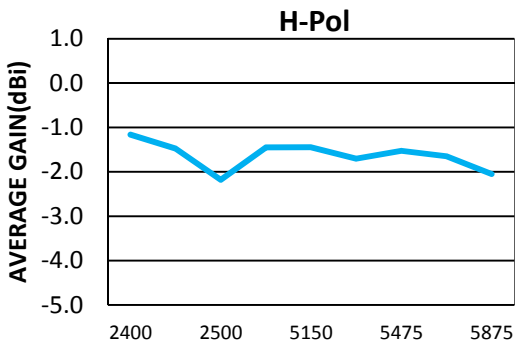
Performance Summary

Frequency (MHz)	3D			HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane
2400	77%	-1.2	8.1	60	68
2450	71%	-1.5	7.9	60	68
2500	61%	-2.2	7.3	59	68
5150	72%	-1.4	5.8	101	68
5350	68%	-1.7	5.9	96	65
5475	70%	-1.5	6.6	91	59
5725	68%	-1.6	6.1	94	60
5875	62%	-2.0	6.0	96	56

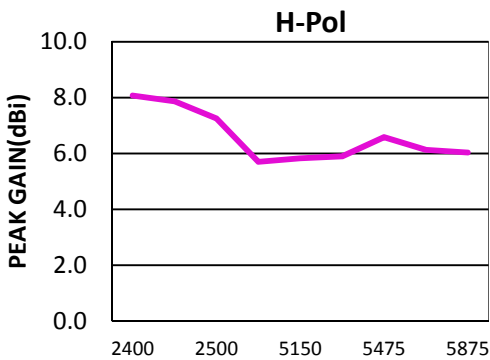
EFFICIENCY



AVERAGE GAIN



PEAK GAIN



Radiation Pattern H-Pol

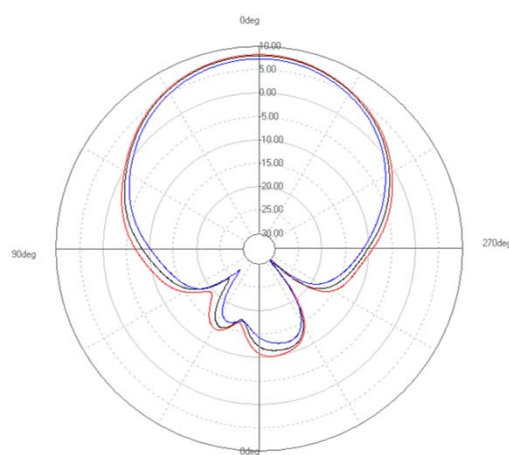
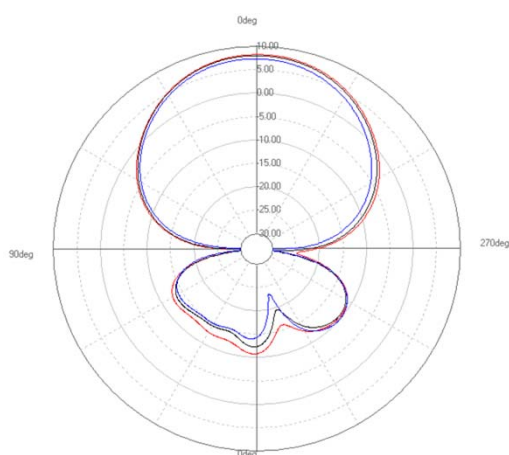
Co-Polar Pattern

H-Plane

V-Plane

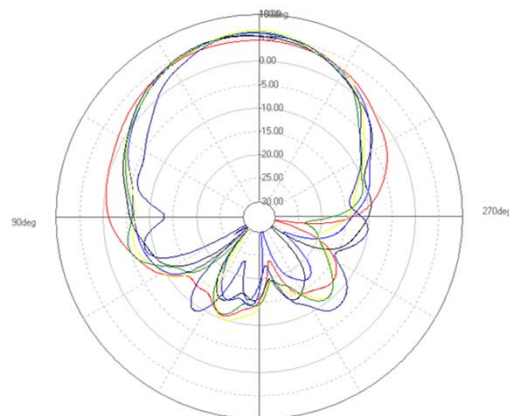
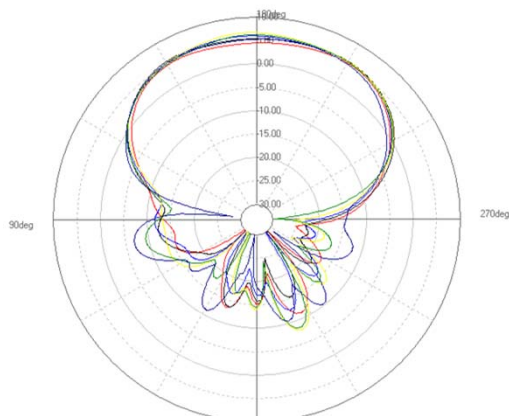
Legend

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



Legend

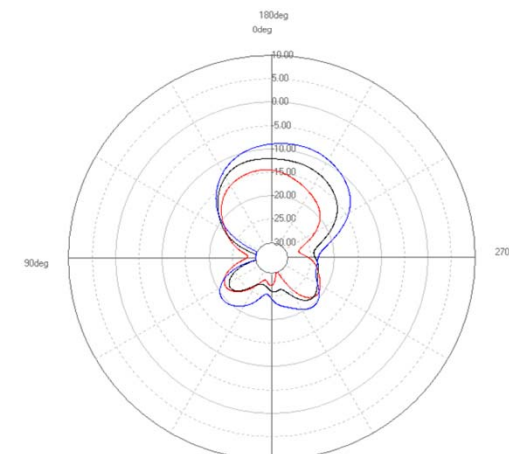
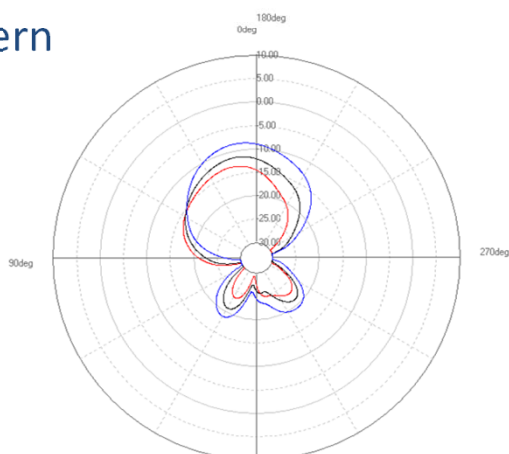
- 4900(MHz)
- 5150(MHz)
- 5350(MHz)
- 5475(MHz)
- 5725(MHz)
- 5875(MHz)



X-Polar Pattern

Legend

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



Legend

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

