

ANT50-2000N

5GHz Dual polarization Directional Antenna

Electrical Specification

Frequency range	5150 - 5875 MHz
Gain	20dBi
VSWR	2.0 : 1 (max.)
Polarization	Dual linear, $\pm 45^\circ$
Horizontal HPBW	10°
Vertical HPBW	10°
Standard compliance	N/A
Front-to-back ratio	-30 dB (max.)
Isolation	24 dB (min.)
Input impedance	50 Ohm
Cable	N/A
Connector	N Jack x 2
Power handling	6 W (cw)
Lightning protection	DC ground



Environmental & Mechanical Characteristics

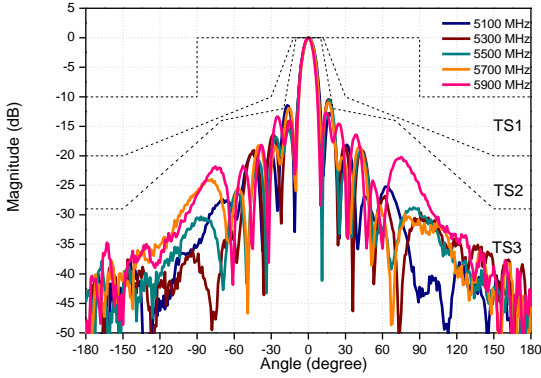
Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	Gray-white
Radome material	PC, UV resistant
Weight*	1.32 kg
Dimensions	320 x 320 x 20 mm
Waterproof	IP-67
Mount kit	Pole mount & Wall mount

*inclusive of mounting kit

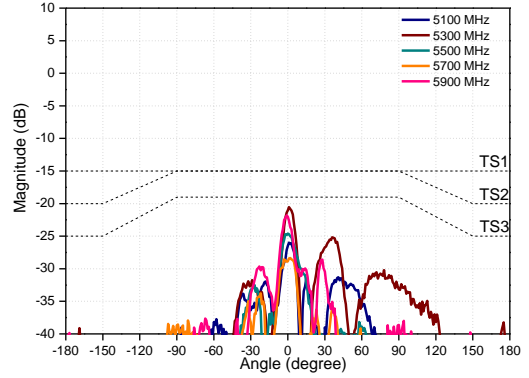
Radiation Pattern

Port-1

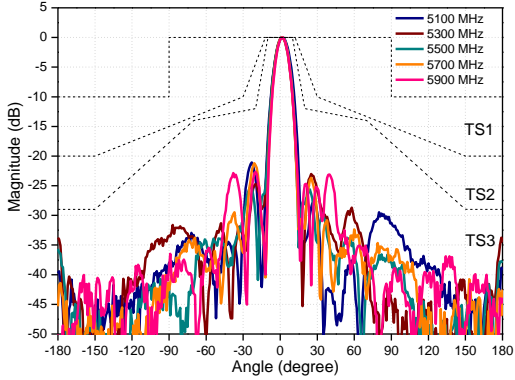
H-plane Co-polarization Pattern



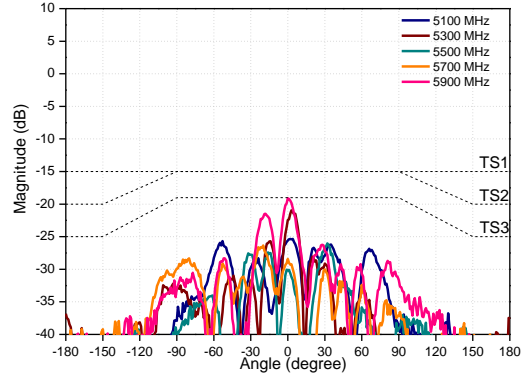
H-plane Cross-polarization Pattern



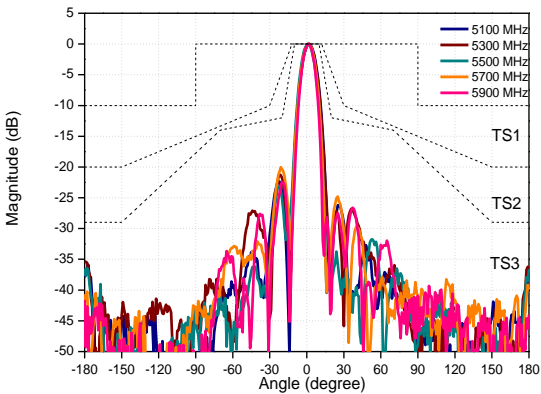
V-plane Co-polarization Pattern



H-plane Cross-polarization Pattern

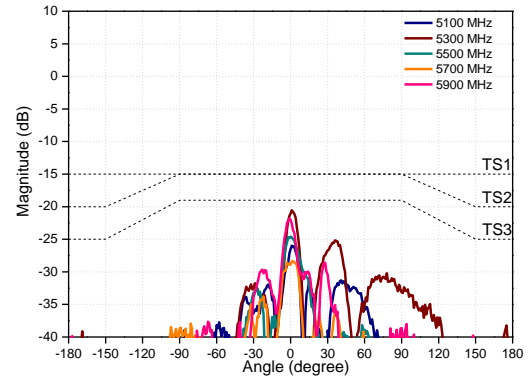


H-plane Co-polarization Pattern

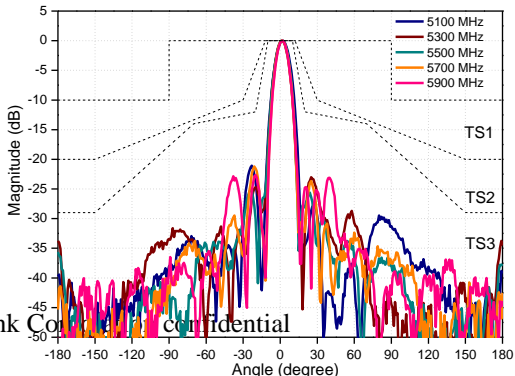


Port-2

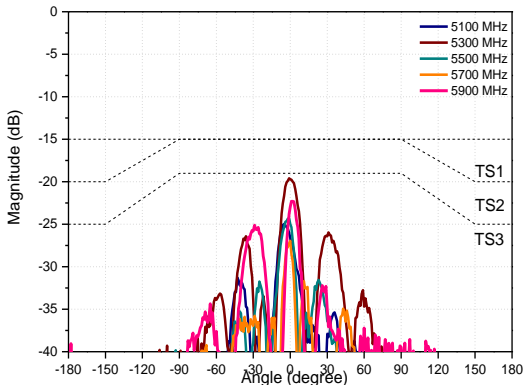
H-plane Cross-polarization Pattern



V-plane Co-polarization Pattern



V-plane Cross-polarization Pattern



Product Drawing

