



Dual Polarization Directional Antenna for 3300 – 3800 MHz

Version 1

SAA08-120250

Electrical Specification

Frequency range	3300 - 3800 MHz	3300 - 3800 MHz
Gain	18 dBi	18 dBi
VSWR	2.0 : 1 (max.)	2.0 : 1 (max.)
Polarization	Linear, Horizontal	Linear, Vertical
Horizontal HPBW	16.5° - 17.5°	14.5° - 17.5°
Vertical HPBW	16° - 19°	15.5° - 17.5°
Standard compliance	Co-pol. ETSI EN 302 085 V1.2.3	
	TS1 - TS3	
	Cross-pol. -10 dB (min.)	
Front-to-back ratio	-28 dB (min.)	
Isolation	22 dB (max.)	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N jack x 2	
Power handling	20 W (cw)	
Lightning protection	DC ground	



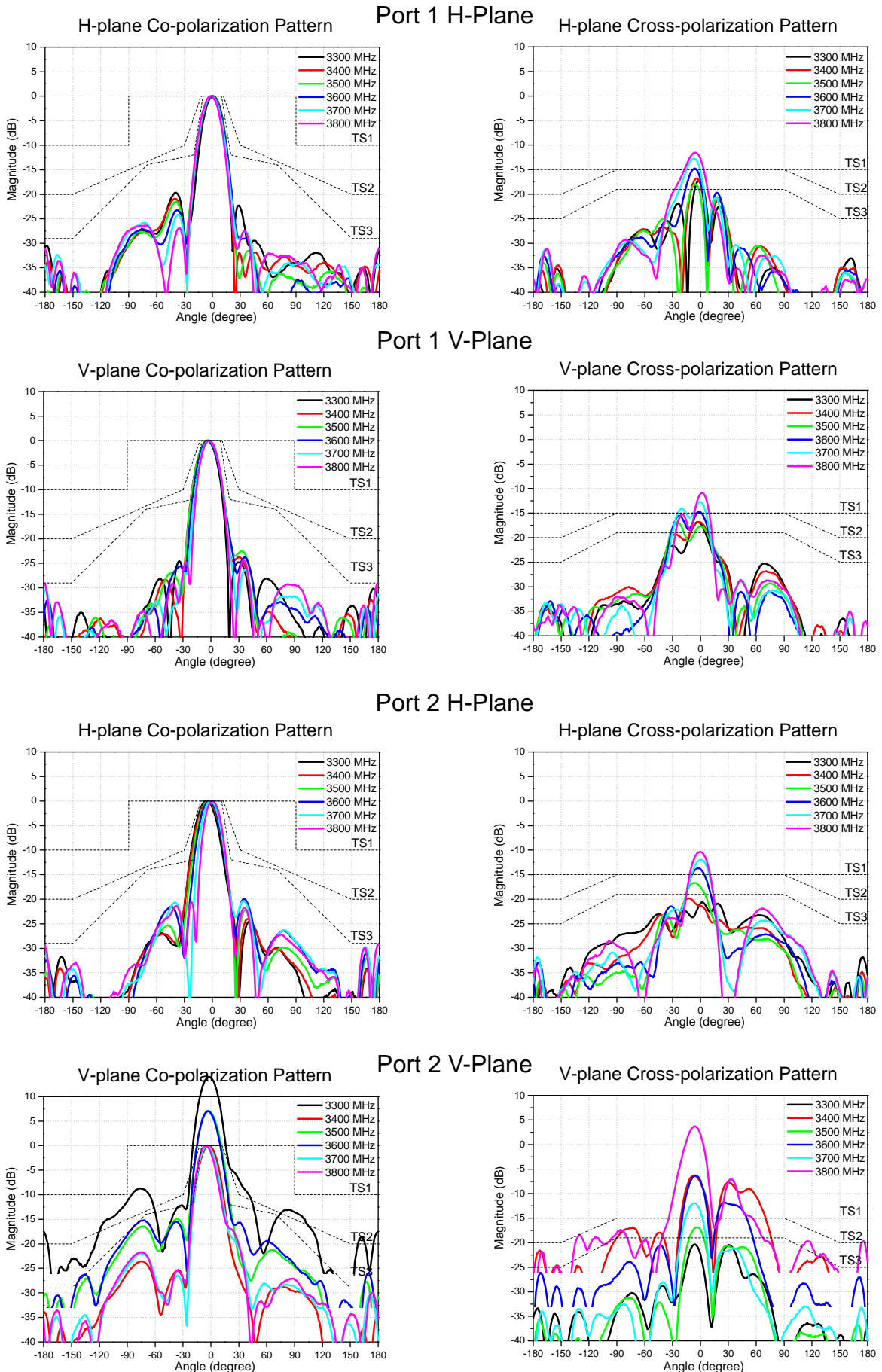
Environmental & Mechanical Characteristics

Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	White
Radome material	PC, UV resistant
Weight*	1.25 kg
Dimensions	320 x 320 x 42 mm
Waterproof	IP-57
Mounting kit	Pole mount & Wall mount

*exclusive of mounting kit



Radiation Pattern





Product Drawing

GENERAL TOLERANCE RANGE	
□ INJECTION(射出件)	X=±0.5 X.X=±0.3 X.XX=±0.2
■ ASSEMBLY(組合作件)	X=±5 X.X=±2 X.XX=±1
ANGLES: X=±2°	
UNIT : MM	

