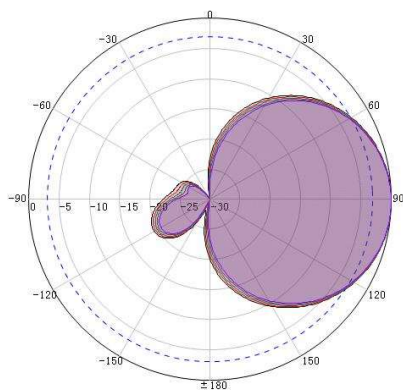


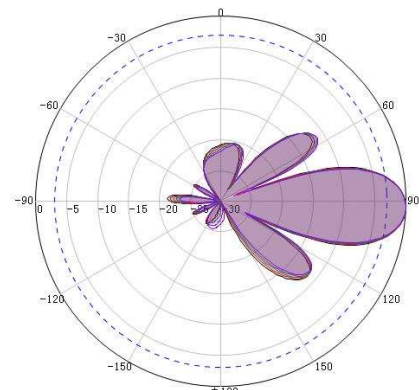
# Specification

Electrical Properties		
Frequency Range (MHz)	3550-3700	1575.42 ± 1.023
Polarization (°)	±45	RHCP
VSRW	≤1.5	≤1.5
Cross-Polar Isolation (dB)	≥23	/
Gain (dB)	13.5	LNA: 20
Horizontal -3dB Beamwidth (°)	65 ± 5	90
Vertical -3dB Beamwidth (°)	≥21	110
Upper Side Lobe Suppression (dB)	≥13	/
Front to back Ratio, ±30 (dB)	≥25	/
Cross-Polar Discrimination 0° (dB)	≥15	/
Cross-Polar Discrimination ±60° (dB)	≥8	/
Electrical Downtilt (°)	2	/
PIM3 (2x43 dBm carrier) (dBc)	/	/
Impedance (Ω)	50	50
Grounding	DC-Ground	DC Voltage 1.5-3.7V
Max. Average Input Power per Port (W)	5	/

Mechanical Properties	
Radome Material	PC
Radome Colour	White
Connector Type	MCX-J×3
Antenna Dimensions (H x W x D) (mm)	221x150x10
Antenna Weight (kg)	0.155
Operating Temperature (°C)	-40~+70
Wind Load (at 150km/h)	135
Maximum Wind Speed (km/h)	200



H-Pattern



V-Pattern