



**Electrical Specifications**

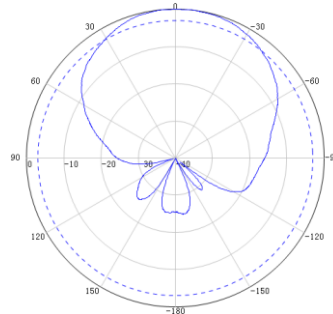
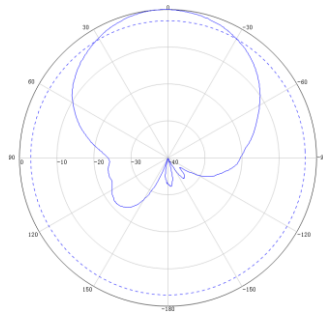
Item No.		AB698-2690XXX8i11i11i65A			
Frequency Range		MHz	698-896	1710-2170	2170-2690
Gain		dBi	8±1.0	10.5±1.0	11±1.0
Polarization			1x ± 45	2x ± 45	
Beam width	Horizontal	deg	65±8	65±8	60±8
	Vertical		65±8	35±8	30±8
Front-To-Back Ratio (-180 ± 30)		dB	> 20	> 25	
VSWR			≤1.5:1	≤1.5:1	
Isolation		dB	> 25	> 25	
PIM, 3rd Order, 2 x 43 dBm,		dBc		-150	
Maximum Power		W		250	
Impedance		Ω		50	

**Mechanical Specifications**

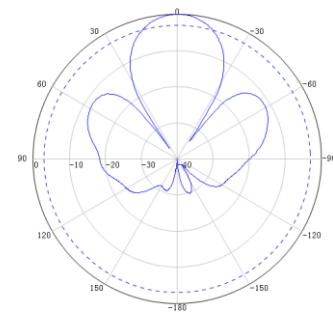
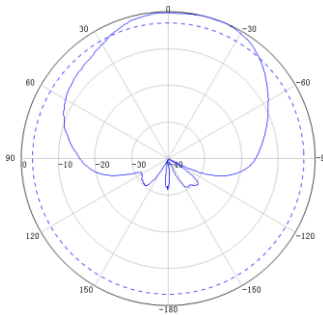
Dimensions, HxWxD	mm	490x328x148
Weight, without Mounting Kit	kg	4.8
Radome Material and Color		Fiberglass, gray
Connector Type and Location		6 x 7-16 DIN Female, Bottom
Mounting hardware	mm	Φ50~Φ115
Operational Wind Speed	km/h	200
Operational Temperature	oC	-40 to +60
Operational Humidity	%	< 95

**Radiation Patterns**

Horizontal pattern



Vertical pattern



698-896MHz

1710-2690MHz

