

## DR-2A2G4-F2A Data Sheet v0.2

XXXX Pol,703-803MHz/703-803MHz/880-960MHz/880-960MHz  
 65/65/65/65 Horizontal Beamwidth,17.0/17.0/17.0/17.0dBi  
 E-tilt:2-10/2-10/2-10/2-10  
 2.6m 8-Port 4L Antenna with Integrated RCU

## Electrical Properties(BASTA 11.1)

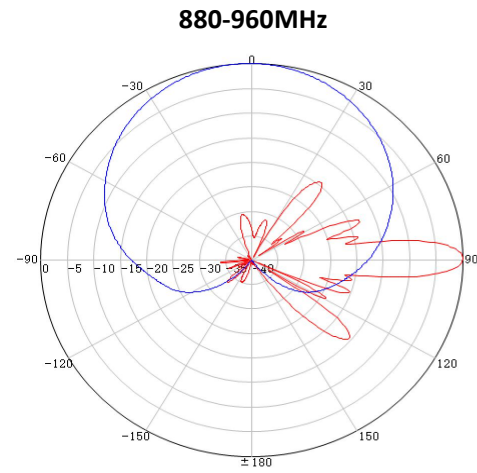
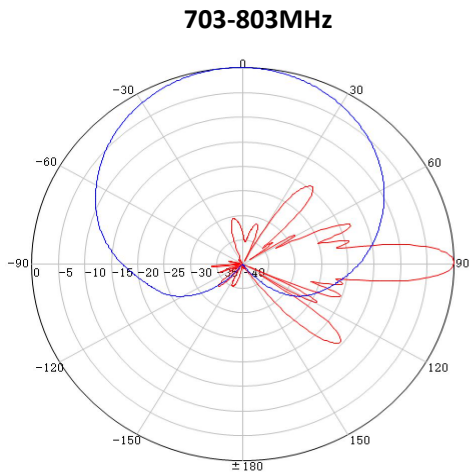
Frequency Band(MHz)	703-803(R1,R3)	880-960(R2,R4)
Polarization(°)	±45	
Gain(dBi)	16.0±0.5	17.0±0.5
Horizontal 3dB Beam Width(°)	70±5	60±5
Vertical 3dB Beam Width(°)	9.3±0.7	7.6±0.7
Front to Back Ratio	30	30
Cross Polar Ratio at 0°(dB)	15	15
Cross Polar Ratio Sector ±60°(dB)	8	8
1st Upper Sidelobe Suppression(dB)	18	18
Electrical Downtilt(°)	2-10	
VSWR	< 1.5	
Cross-polar Isolation(dB)	>28	
Interband Isolation(dB)	>26	
3rd Order PIM(dBc)	< -150@2 x 43 dBm	
Impedance(Ω)	50	
Power Handling(W)	250	

## Mechanical Specifications

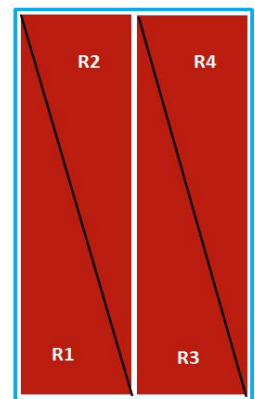
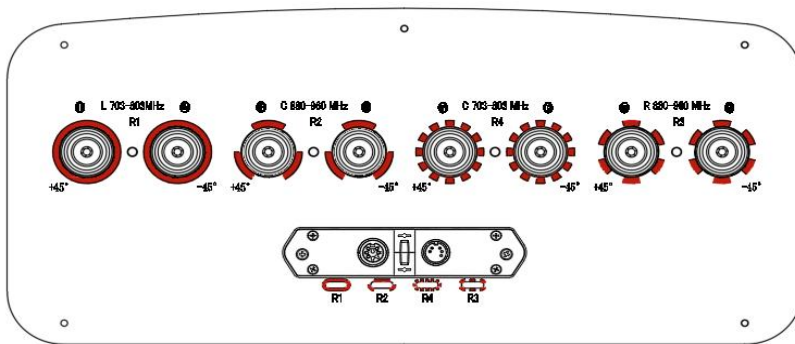
Antenna Dimensions (HxWxD) (mm)	2595 x 446 x 205
Packing Dimensions (HxWxD) (mm)	2880 x 516 x 285
Lightning Protection	DC Ground
Antenna Weight (kg)	37
Packed Weight (kg)	52
Connector	8 x 4.3-10 Female
Radome Material	Fiberglass
Wind Load at 150 km/h(N) (Front /Rear/Side)	1494/1527/739
Maximum Wind Speed(km/h)	200
Diameter of Installation Pole(mm)	Φ50-Φ114
Operating Temperature Range(°C)	-40+65
RET Type	Integrated RCU
RET Protocols	AISG 2.0/3GPP



Pattern sample for reference



Layout of interface



Array ID	RF Connector	RET(S RET)	Frequency(MHz)	AISG RET UID
R1	1-2	1	703-803	MKxxxxxxxxxxxxxxxxR1
R2	3-4	2	880-960	MKxxxxxxxxxxxxxxxxR2
R3	5-6	4	703-803	MKxxxxxxxxxxxxxxxxR3
R4	7-8	3	880-960	MKxxxxxxxxxxxxxxxxR4

\* For more information, please refer to the specification of RET.

Accessories

Item	Model	Weight	Mechanical Tilt Range	Quantity
Mounting Kit	MJM-020-1101A2	8.0kg	0-8°	1