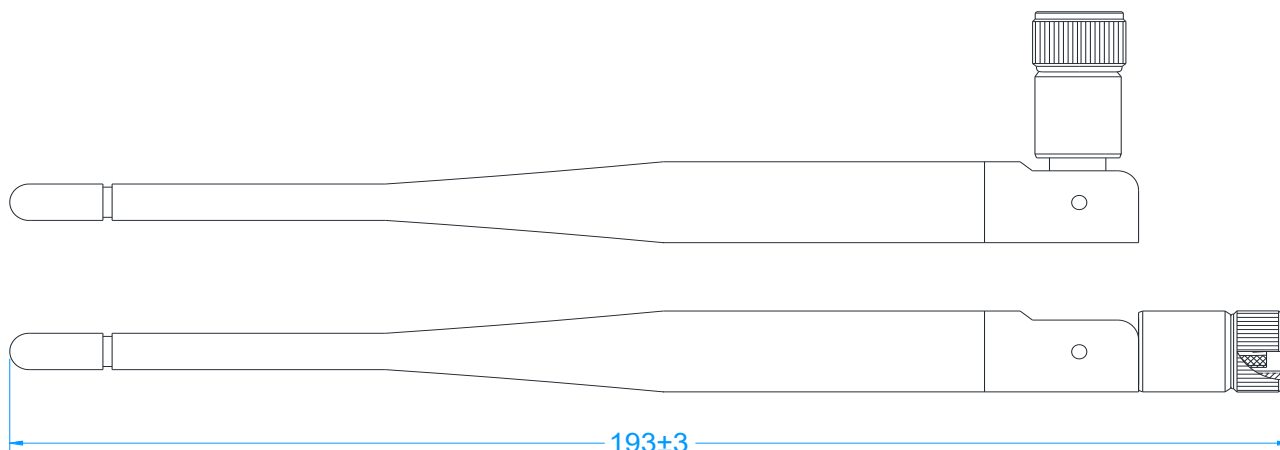


2.4GHz & 5 GHz Antenna

I Product Model: KM-040701-RP



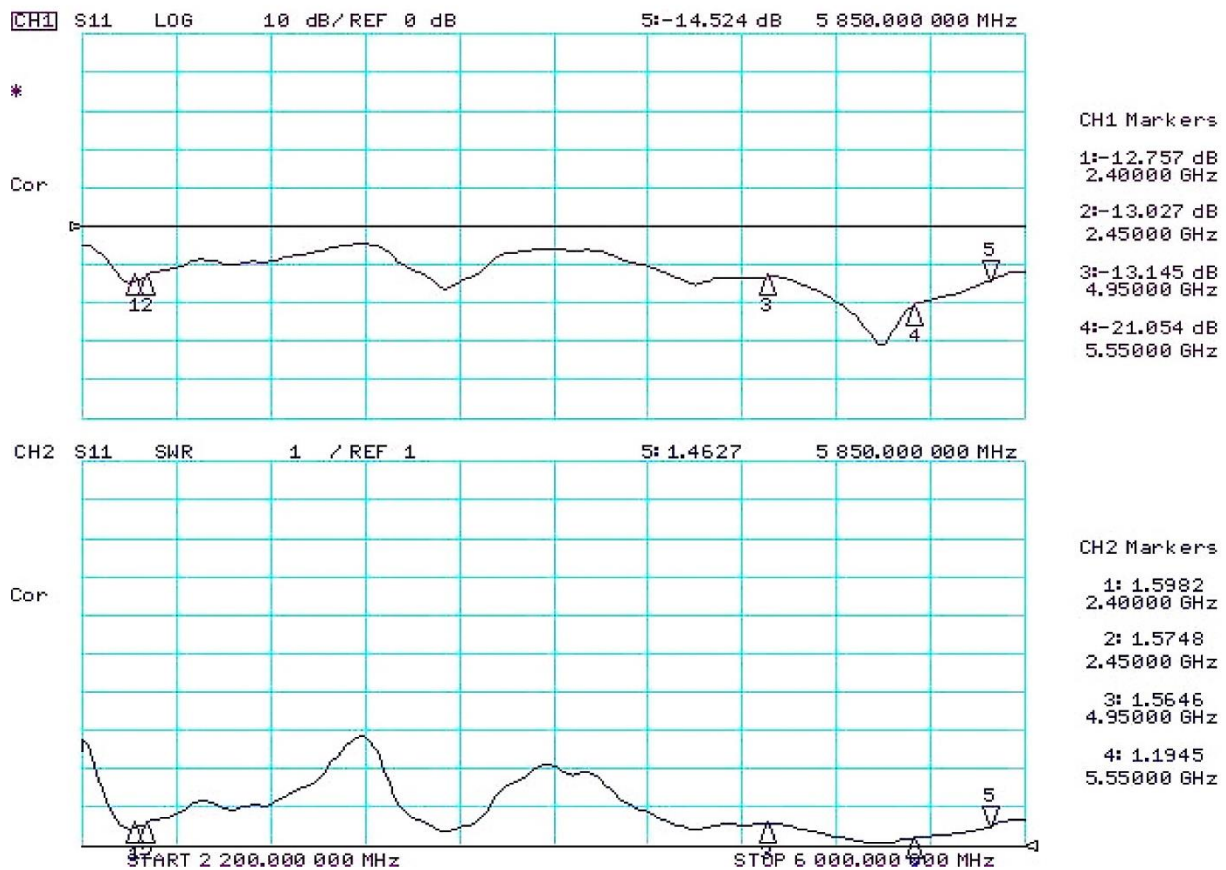
II Electrical Performance

Frequency	2.4GHz ~ 2.5GHz and 5.15GHz ~ 5.85GHz
V.S.W.R	≤ 2.0
Polarization	Linear
Return Loss	-9.8 dB Max.
Impedance	50 Ω

III Mechanical Characteristics

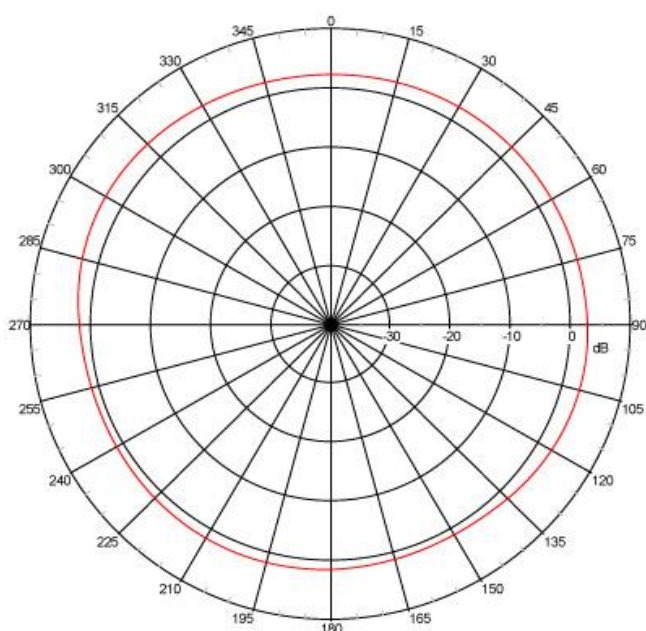
RoHS	RoHS Compliant
Antenna Size	13*195 mm
Operating Temp.	-10°C ~ +60°C
Storage Temp.	-10°C ~ +70°C
Connector	RP SMA (F) Plug
Cable Type	RG178
Color	Black
Material	Antenna Body: PC + ABS, TPE
	Antenna Base: PC + ABS
	Rivet: POM

IV Test Screenshot

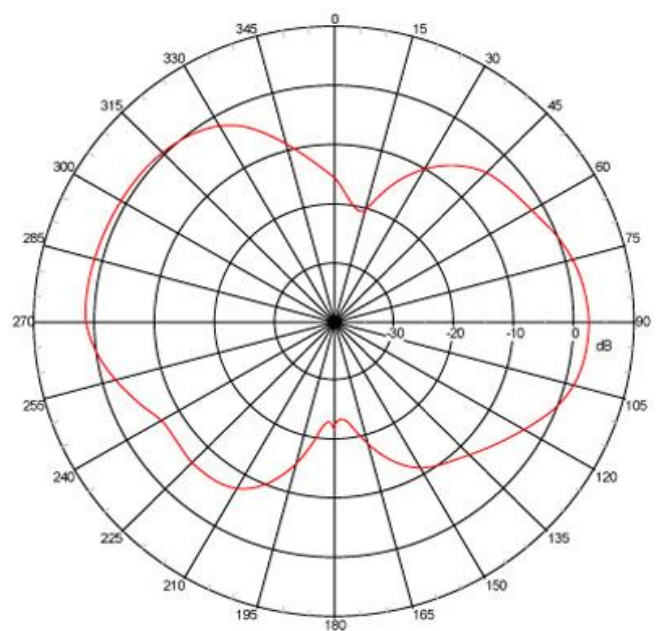


V Radiation Pattern (Far-field)

Frequency	Peak Gain	Efficiency	Avg Gain	Peak Degree	Avg Gain (H cut)
2.4 GHz	3.8823 dBi	81.47%	2.783 dB	H: -76.344° V: -65.000°	-4.106 dB

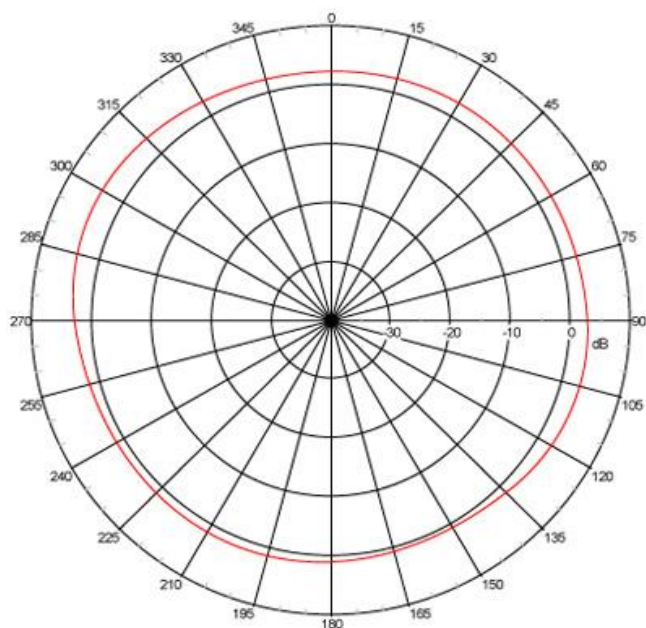


XY (V cut)

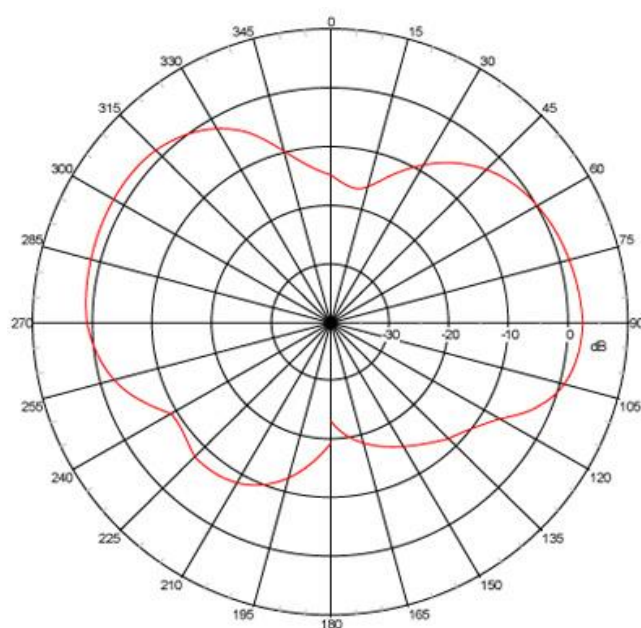


YZ (H cut)

Frequency	Peak Gain	Efficiency	Avg Gain	Peak Degree	Avg Gain (H cut)
2.45 GHz	4.3436 dBi	88.33%	3.167 dB	H: -75.000° V: -61.680°	-4.115 dB

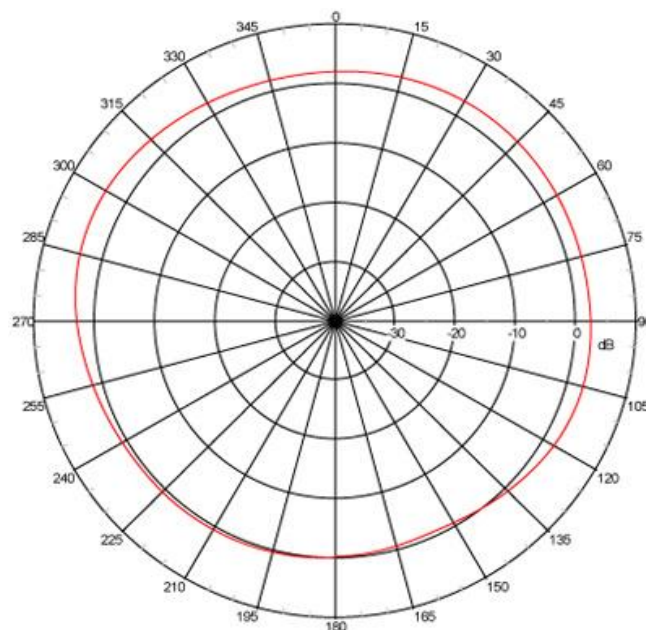


XY (V cut)

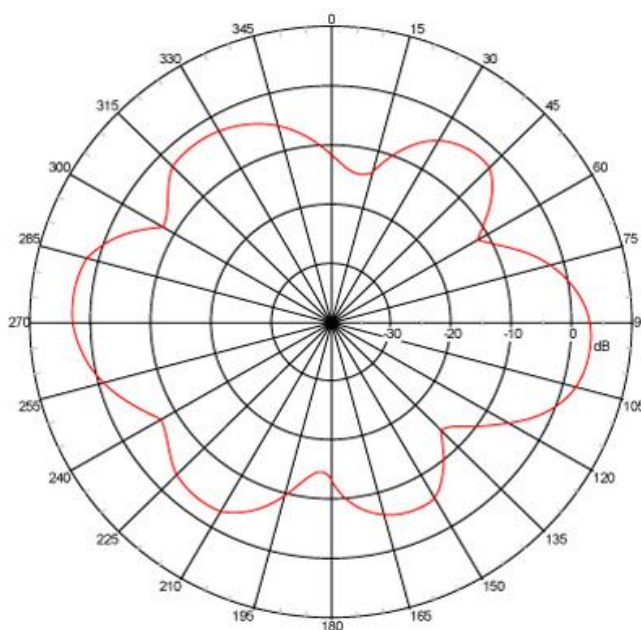


YZ (H cut)

Frequency	Peak Gain	Efficiency	Avg Gain	Peak Degree	Avg Gain (H cut)
2.5 GHz	4.6078 dBi	84.58%	2.781 dB	H: 75.000° V: -86.808°	-4.384 dB

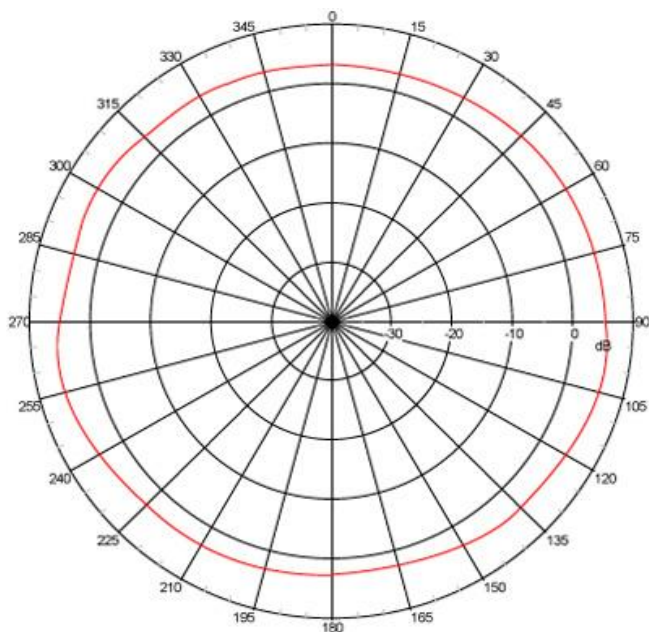


XY (V cut)

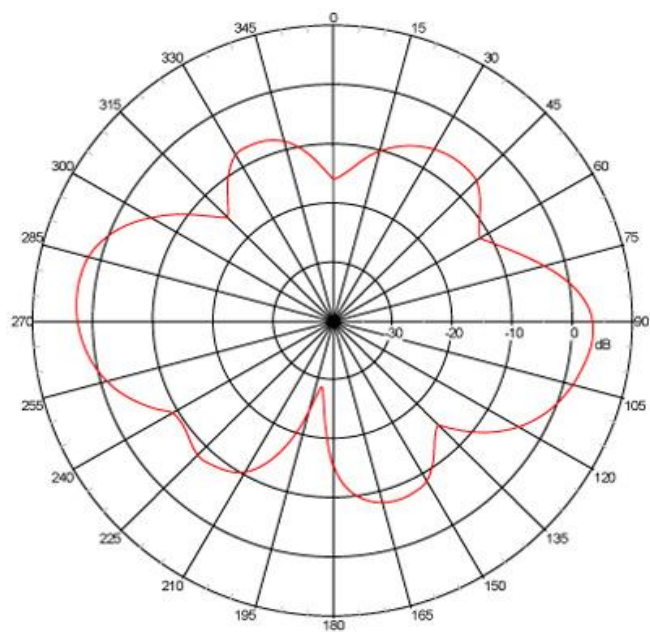


YZ (H cut)

Frequency	Peak Gain	Efficiency	Avg Gain	Peak Degree	Avg Gain (H cut)
5.15 GHz	4.6412 dBi	77.79%	3.018 dB	H: 90.000° V: -100.192°	-5.510 dB

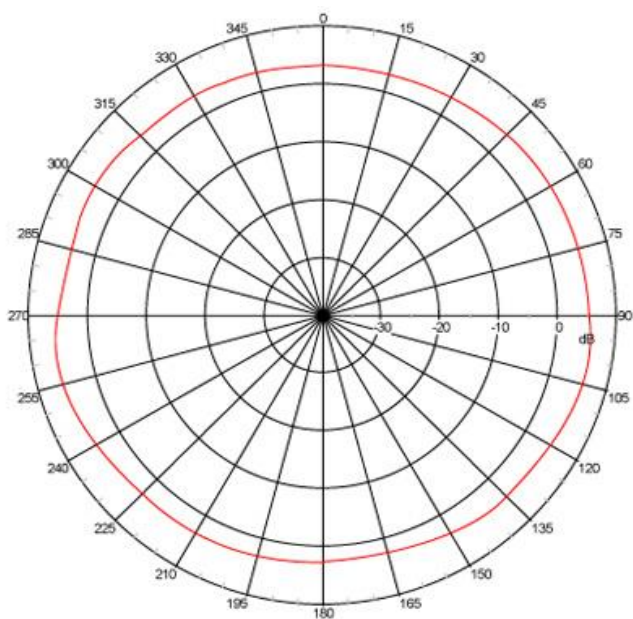


XY (V cut)

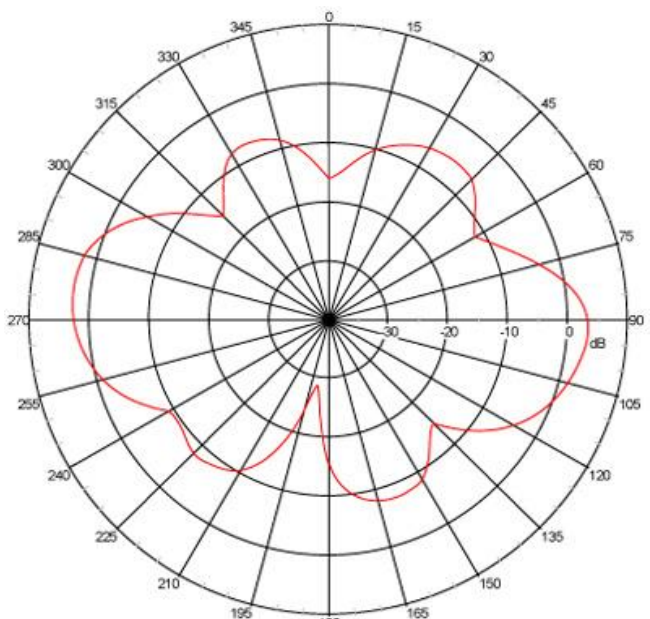


YZ (H cut)

Frequency	Peak Gain	Efficiency	Avg Gain	Peak Degree	Avg Gain (H cut)
5.85 GHz	4.6004 dBi	83.58%	3.547 dB	H: 76.440° V: -95.000°	-5.393 dB



XY (V cut)



YZ (H cut)