

Shenzhen Zhongruicheng Communication Equipment Co., Ltd.

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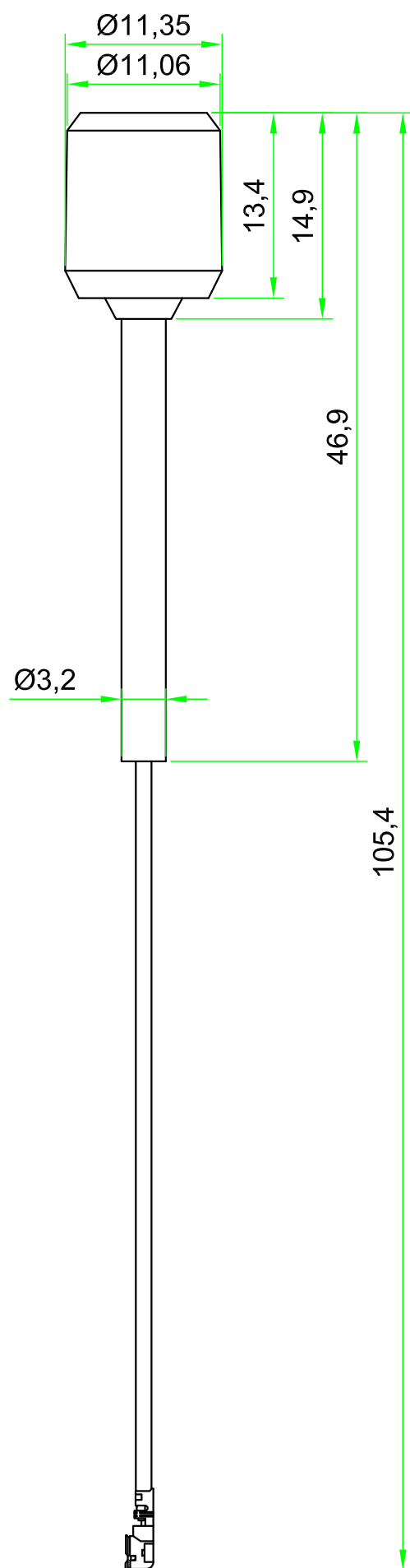
This antenna is designed for 5.8G Wireless video transceiver

Electrical Characteristics
Frequency Band : 5740MHz~5830MHz

Polarization *Gain : Max peak gain: 5.9 dBi

Antenna Model:FMR-05

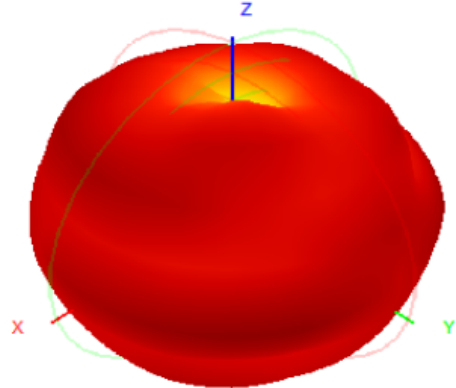
Feature: This is a RHCP antenna.



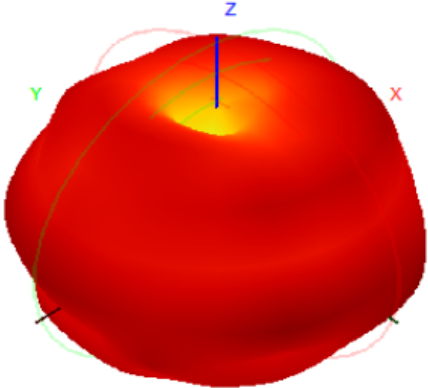
Frequency ID	16	17
Frequency (MHz)	5750.0	5800.0
Efficiency (dBi)	-1.36	-1.93
Gain (dBi)	5.90	5.65
Efficiency (%)	73.20	64.13
Directivity (dB)	7.94	7.58
Peak Gain Position (Theta)	150.00	150.00
Peak Gain Position (Phi)	210.00	210.00
Efficiency ThetaPol (%)	54.79	47.61
Efficiency PhiPol (%)	18.41	16.51
Upper Hem. Efficiency (%)	25.45	22.93
Lower Hem. Efficiency (%)	47.75	41.20

T90(H)圆度	4.51	3.76
Gain 15deg (dBi)		
E1(XZ)波瓣宽度	23.00	27.00
E1(XZ)前后比	0.00	0.00
E2(YZ)波瓣宽度	21.00	22.00
E2(YZ)前后比	0.00	0.00
最大增益处轴比(P)	1.50	1.50
仰角10度最差(大)轴比(P)	1.50	1.50
Hc(XY)波瓣宽度	280.00	316.00
Hc(XY)前后比	0.79	0.31

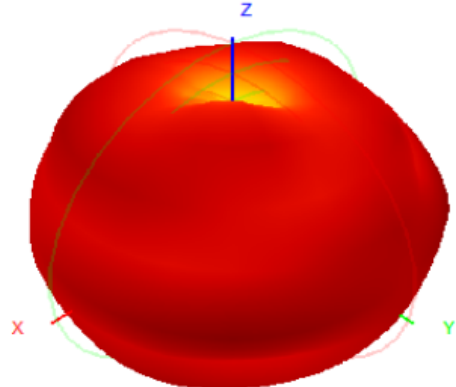
5750.0MHz H+V, Eff: 45.8%



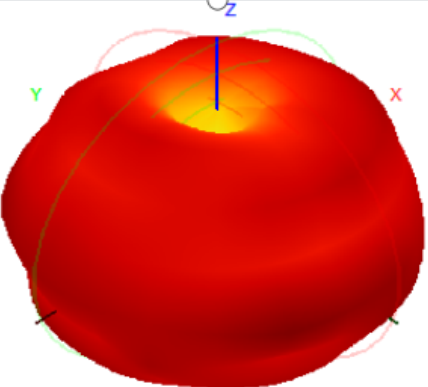
Back View



5800.0MHz H+V, Eff: 50.7%



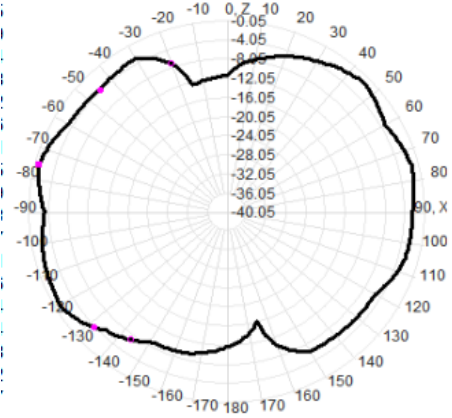
Back View



5100.0MHz H+V, Eff: 54.2%

Back View

5750.0MHz Total(E1-XZ), Max=-0.92dBi



5800.0MHz Total(E2-YZ), Max=-0.64dBi

