

主要特性(Features)

- 700-2170MHZ 4G 天线(4G antenna)
- 2dBi 增益(Gain) , 高效率(High efficiency)

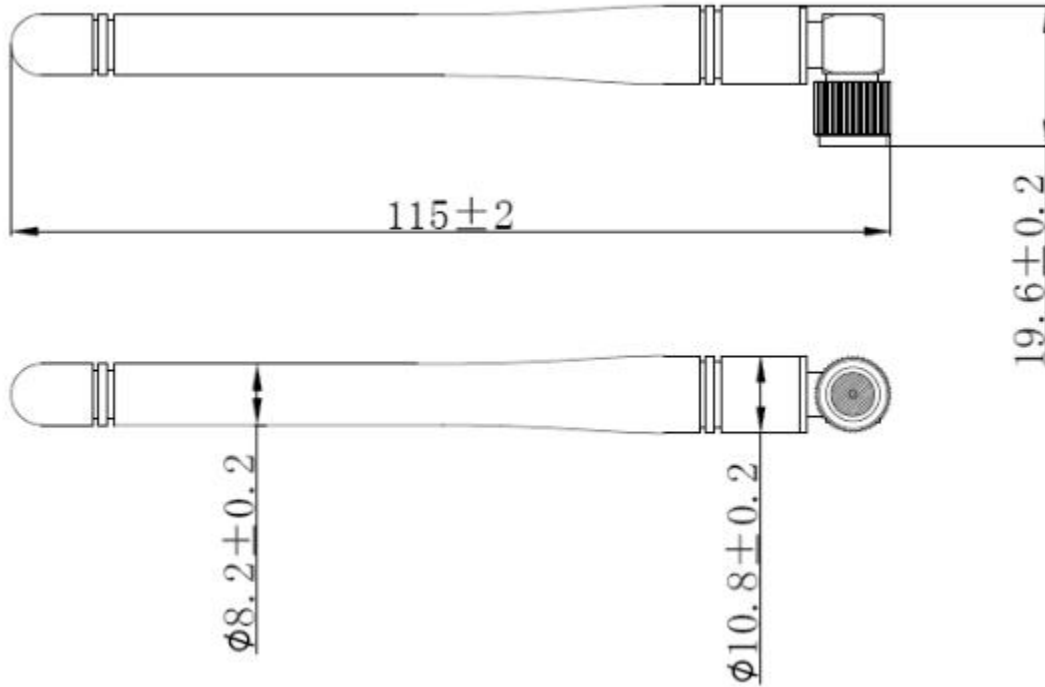
规格(Specifications)

频率范围(Frequency)	700-2170MHz
驻波比(VSWR)	≤ 2
增益(Gain)	2dBi
效率 (Efficiency MAX)	59%
波束宽度 (Beamwidth)	360°
转接型号(Connector)	RPSMA-J
总长(Length)	Φ 115±2mm
工作温度 (Operation Temperature)	-20°C ~ 65°C
储藏温度 (Storage Temperature)	-30°C ~ 75°C





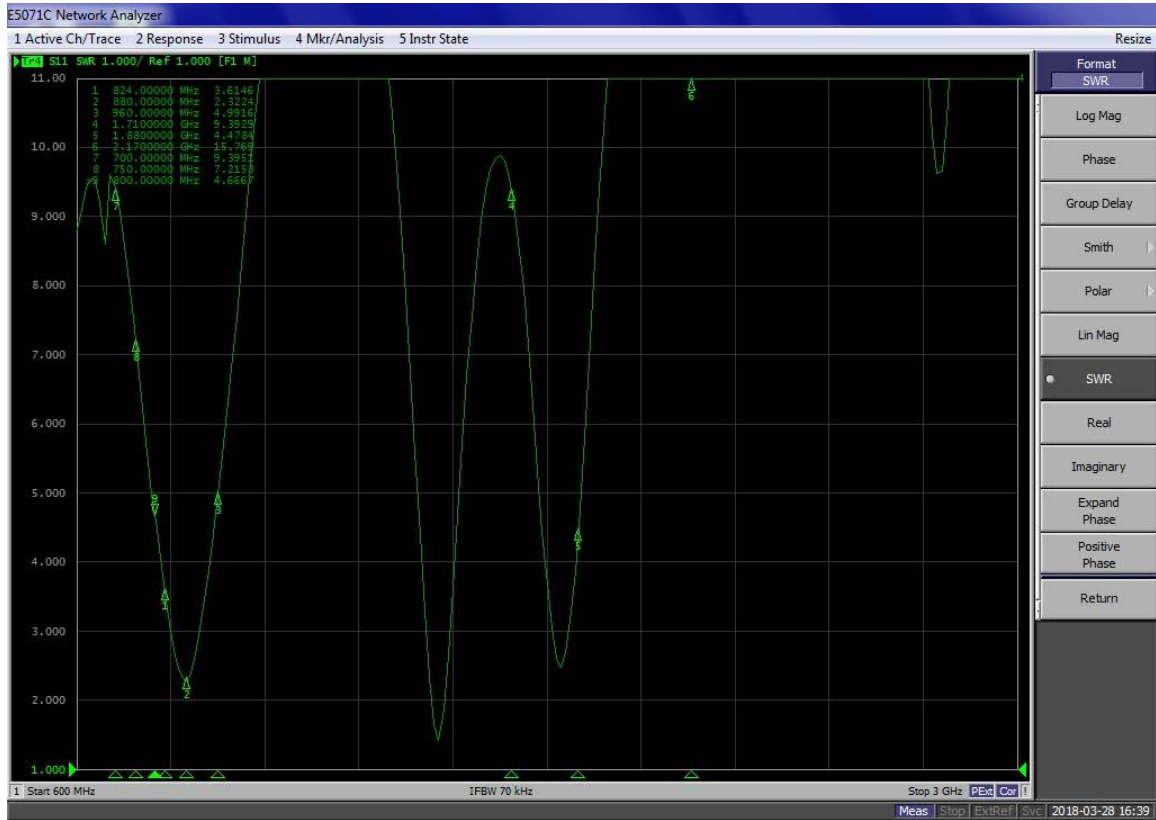
机械规格(Mechanical Specifications)



驻波比(VSWR)

频段 Frequency(MHz)	驻波比 VSWR
700MHz	9.3
800MHz	4.6
880MHz	3.6
960MHz	4.9
1710MHz	9.3
1880MHz	4.4
2170MHz	15

S11 图如下图所示(The S11 test report is shown as Figure below).



效率及增益(Efficiency vs Gain)

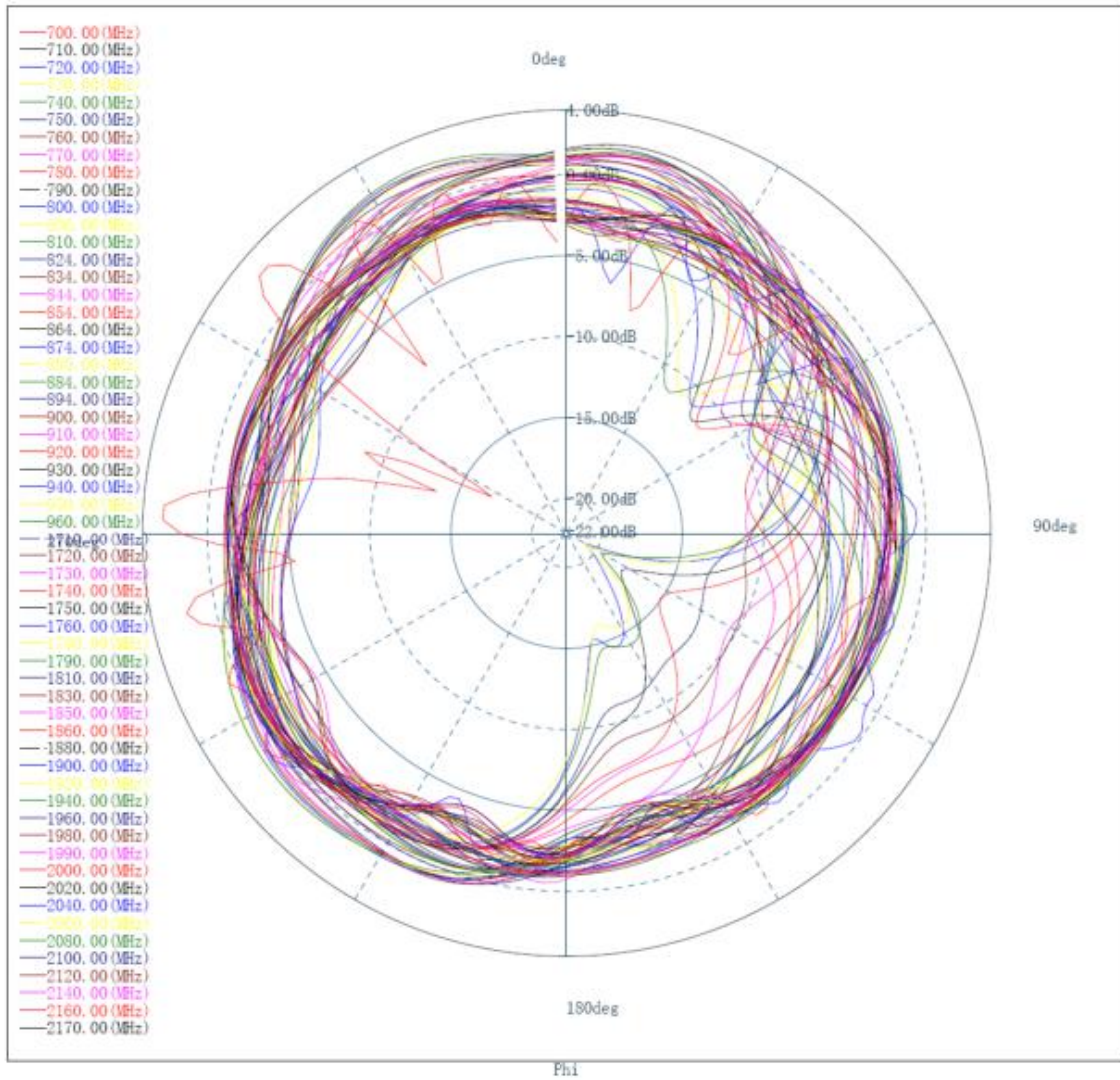
频点 Frequency(MHz)	效率 Efficiency (%)	暗室增益 Gain (dBi)
7.00E+08	49%	1.632948
7.10E+08	51%	1.826395
7.20E+08	49%	1.833288
7.30E+08	44%	1.600659
7.40E+08	46%	1.896142
7.50E+08	50%	1.936788
7.60E+08	50%	1.721112
7.70E+08	46%	1.406281
7.80E+08	45%	1.491829
7.90E+08	47%	1.8309
8.00E+08	45%	1.843967
8.06E+08	41%	1.714366
8.10E+08	45%	2.215538
8.24E+08	42%	1.97312
8.34E+08	44%	1.890023
8.44E+08	42%	1.407188
8.54E+08	42%	1.453714
8.64E+08	47%	2.111646
8.74E+08	46%	1.93289
8.80E+08	48%	1.960958
8.84E+08	46%	1.930333

8.94E+08	52%	2.347337
9.00E+08	50%	2.192946
9.10E+08	50%	2.265394
9.20E+08	49%	2.081987
9.30E+08	48%	2.005751
9.40E+08	49%	2.128994
9.50E+08	49%	2.305449
9.60E+08	48%	2.233022
1.71E+09	35%	0.02584
1.72E+09	35%	0.0088
d1.73E+09	36%	0.647356
1.74E+09	44%	0.806863
1.75E+09	35%	0.03676
1.76E+09	46%	0.549059
1.78E+09	34%	0.14522
1.79E+09	35%	0.41562
1.81E+09	36%	0.35094
1.83E+09	34%	0.30882
1.85E+09	38%	0.430313
1.86E+09	35%	0.33059
1.88E+09	37%	0.008792
1.90E+09	43%	0.479122
1.92E+09	40%	0.111459
1.94E+09	46%	0.407999
1.96E+09	44%	0.037526

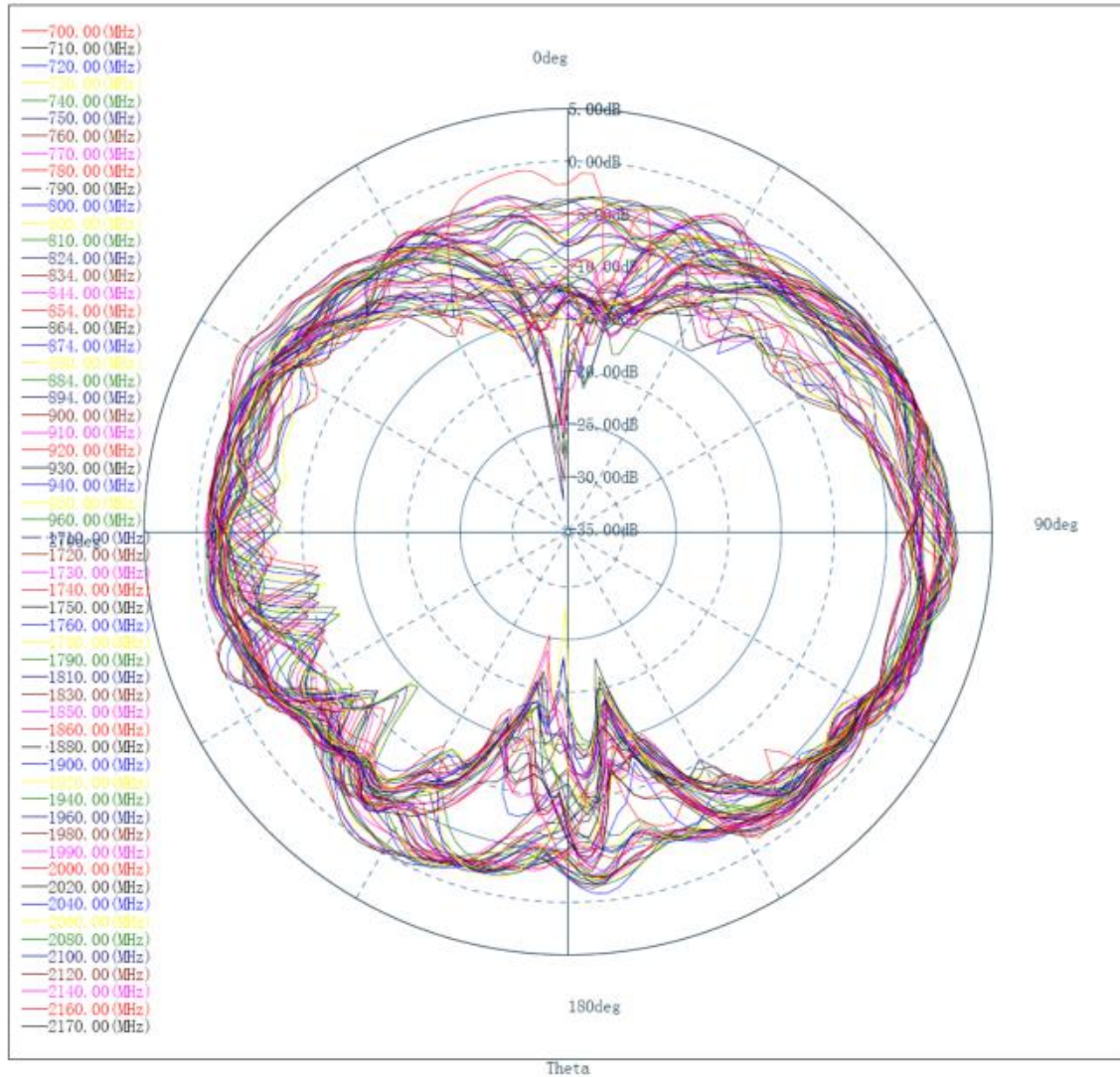
1.98E+09	48%	0.405617
1.99E+09	48%	0.112167
2.00E+09	47%	0.144104
2.02E+09	46%	0.14634
2.04E+09	47%	0.033818
2.06E+09	45%	0.112366
2.08E+09	51%	0.672779
2.10E+09	48%	0.291807
2.12E+09	54%	0.939911
2.14E+09	54%	1.161325
2.16E+09	59%	1.631935
2.17E+09	59%	1.967355

方向图(Antenna Patterns)

H-Plane



E1-Plane



E2-Plane

