

Manufacturer: Shanghai Maixin Network Technology Co., Ltd

Model: MX57C-001BSM

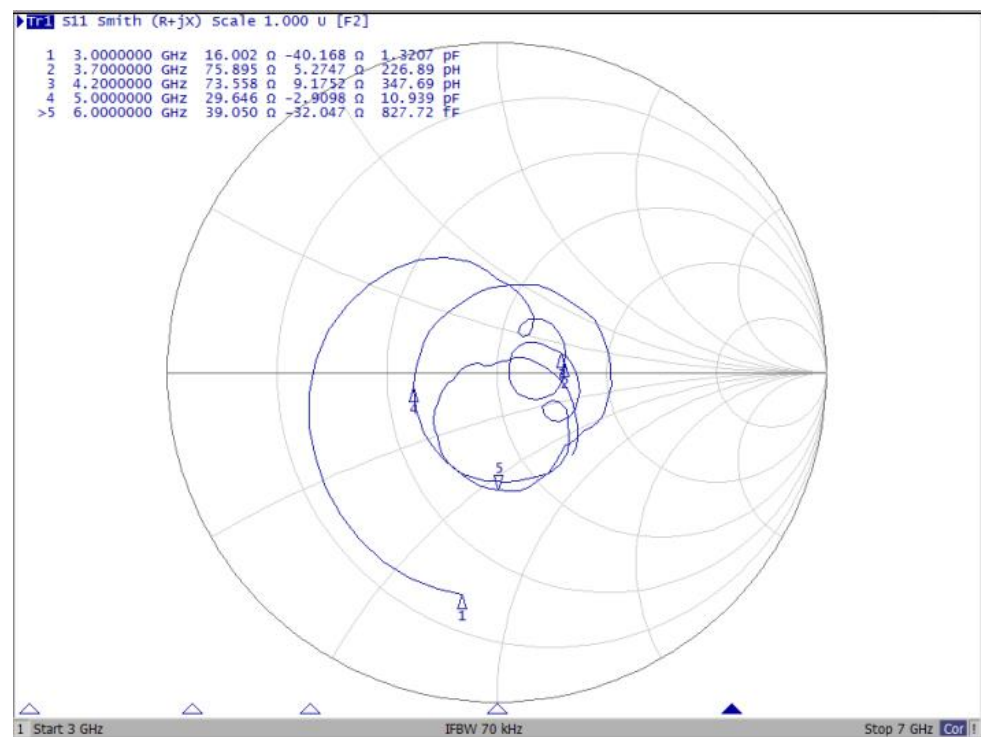
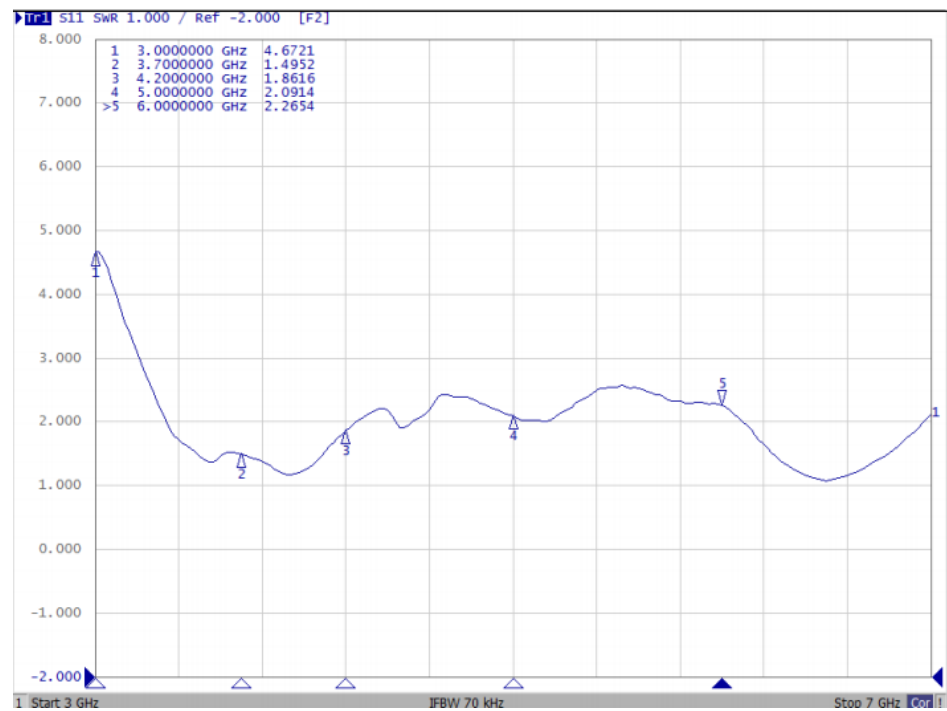
1、产品技术指标（Product Technical Specifications）

电性能指标（Electrical Characteristics）		
频率范围	Frequency Range (MHz)	3200 ~ 6500
频带宽度	Bandwidth (MHz)	3300
输入阻抗	Input Impendence (Ω)	50
电压驻波比	V.S.W.R	<=1.9
增益	Gain (dBi)	4.79
机械指标（Mechanical Specifications）		
天线长度	Antenna Length	84mm
连接器型号	Connect Type	SMA
工作温度	Working Temp(℃)	-40~60
储藏温度	Storage Temperature(℃)	-20~40

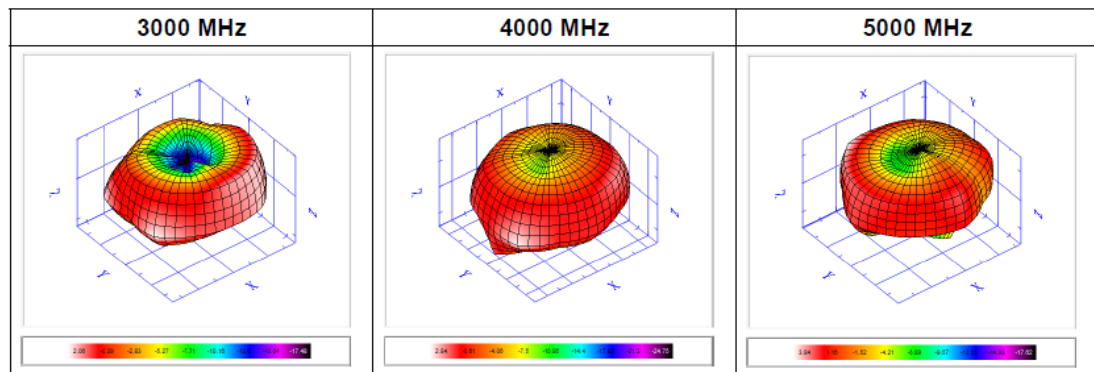
2、产品规格图（Product Specification Chart）



3、驻波图与史密斯图（S.W.R. & Smith chart）



4.天线厂型测试 Antenna - Radiation Pattern Test Data



Frequency	3000	3500	4000	4500	5000
TRP (dBm)	-1.8	-1.05	-1.6	-0.92	-1.2
Peak EIRP (dBm)	2.06	3.47	0.6	2.91	4.27
NHPRP +/- 45 (degree)	-2.14	-1.46	-4.74	-1.52	-0.84
NHPRP +/- 30 (degree)	-2.1	-1.4	-4.56	-1.39	-0.88
E-Theta Peak Gain (dBi)	-13.51	-19.03	-17.45	-15.96	-16
E-Phi Peak Gain (dBi)	2.02	3.47	0.58	2.89	4.26
E-Total Peak Gain (dBi)	3.86	4.53	4.79	3.83	4.37
Efficiency (%)	66.09	78.44	69.2	80.85	75.9