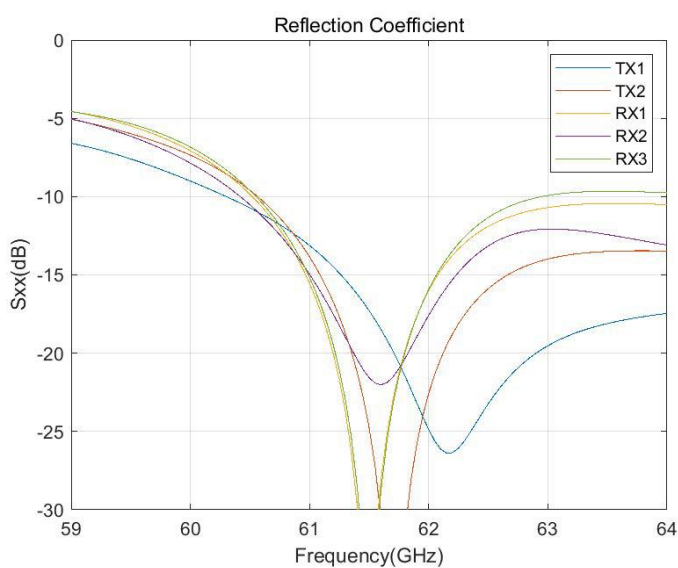


Antenna Technical Data Sheet and Report

1、Specifications:

Items	Specification
Operating Frequency (GHz)	60-64
Bandwidth	4GHz (Max.)
Return Loss	10dB (Min.)
Polarization	Linear
HPBW	65°
Peak Gain	7.2dBi
Impedance	50Ω
Material	PCB antenna of S7439
Maximum Power	<20dBm
V.S.W.R.	1:2.0
Radiation	Directional
Efficiency	≥59%
Operating Temperature	-40° to 85°
Storage temp	-40° to 85°
Manufacture	Shennan Circuits Co., Ltd.
Address	No. 1639 Yanlong Avenue, Pingdi Street, Longgang District, Shenzhen City
Model	FTINR10V1

2、Return Loss

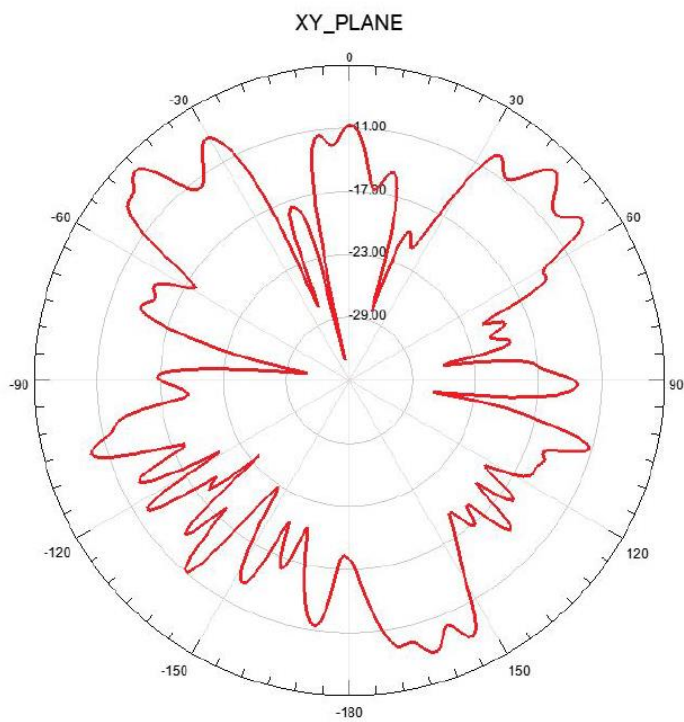
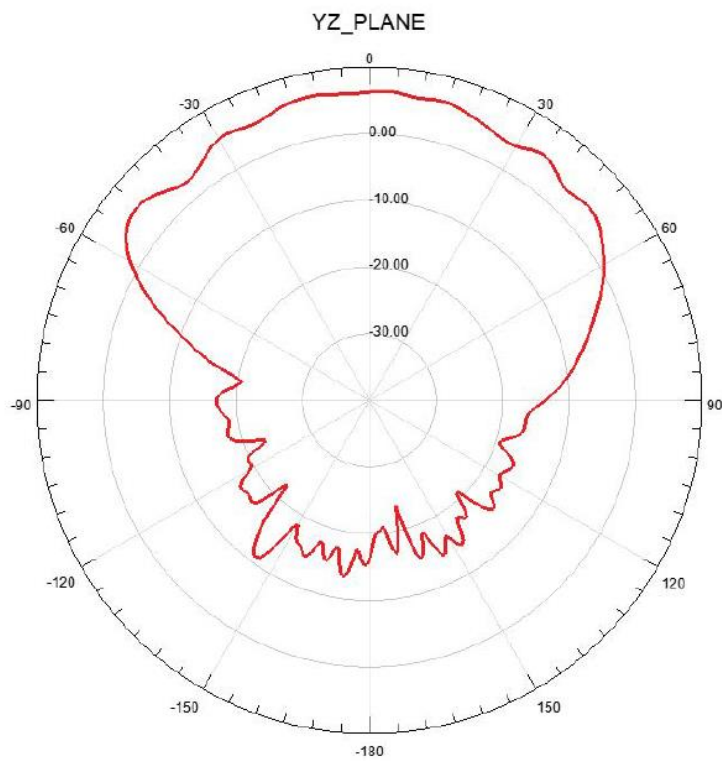


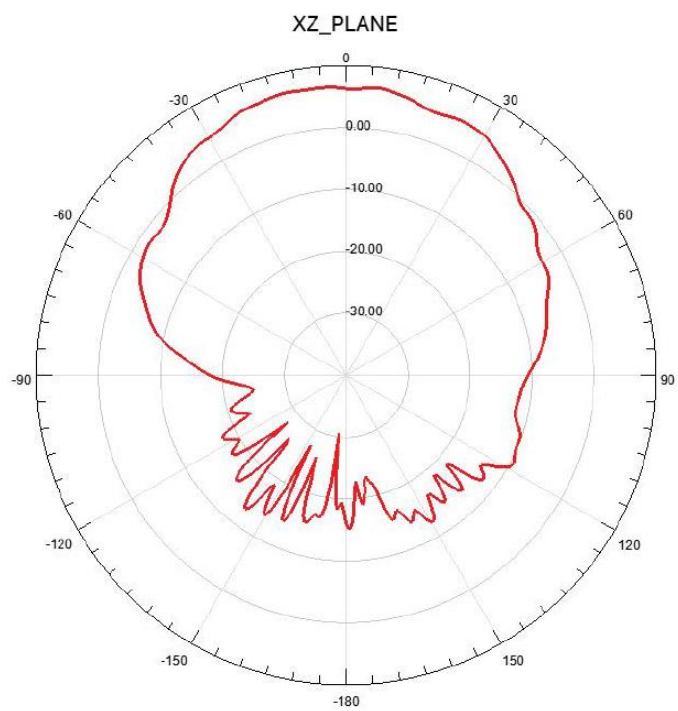
3、 Test System

4、 Gain and Efficiency

Items	TX1	TX2	RX1	RX2	RX3
Gain @62GHz	5.4dBi	6.5dBi	6.6dBi	7.2dBi	6.7dBi
Efficiency	60%	59%	63%	64%	63%

5、Pattern





6、 Location and Size

unit: mm