

XY-A27(BP27) Antenna Test Report

Customer	联雅
Project	XY-A27-BP27
Antenna BAND	BT
Product Description	2012-C07
Product No	

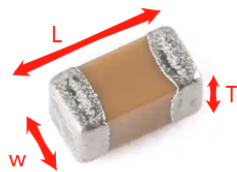
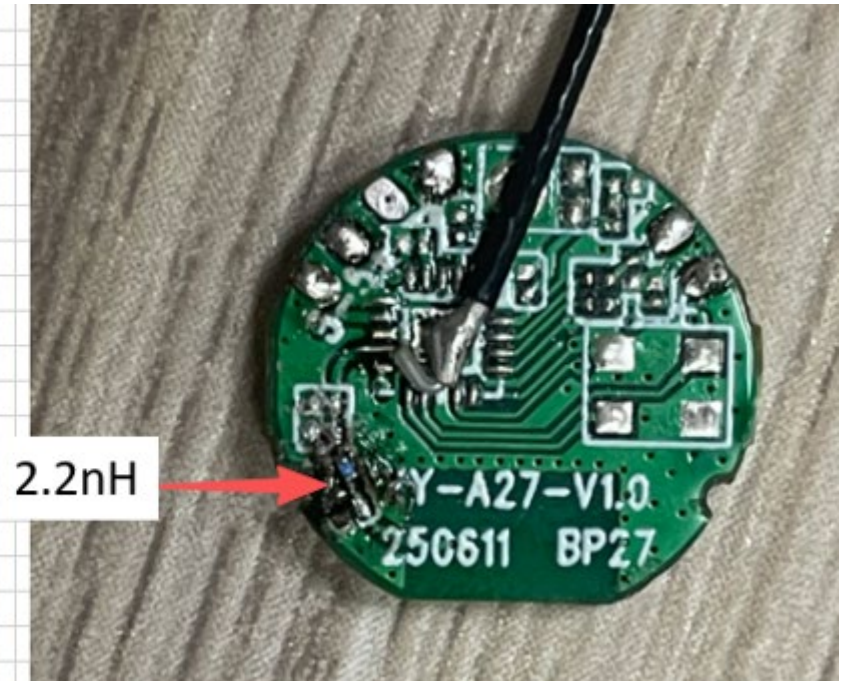
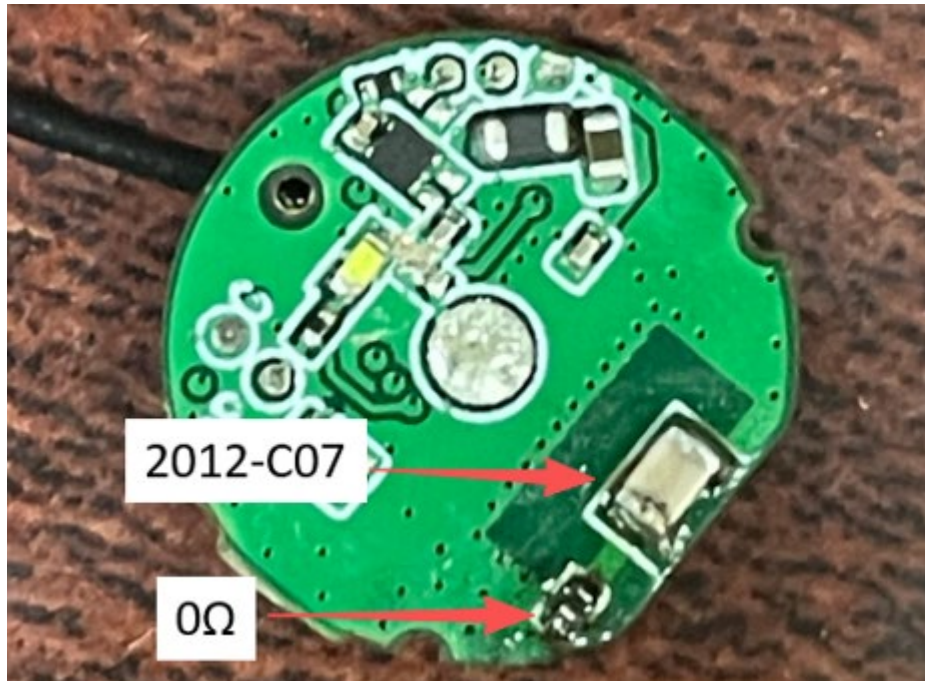
Manufacturer:Dongguan Linyar Technology Co.,Ltd.
Address:The third floor, building 2,No.4 Xitou East Road,Houjie Town,Dongguan,China

Product Overview & Dimension



匹配电路

L-R 共用一组匹配



	Dimension (mm)
L	2.05 ± 0.20
W	1.23 ± 0.20
T	0.45 ± 0.20

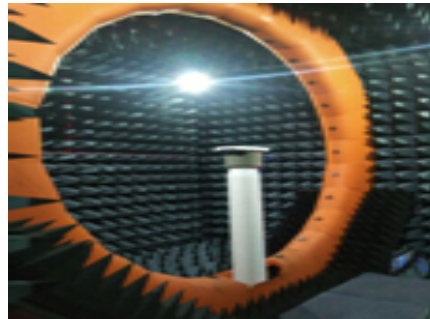
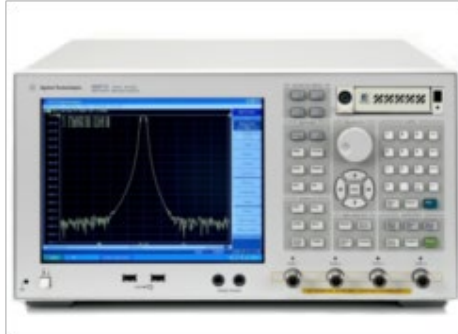
This report is to measure the performance of BT antenna for XY-A27 .The antenna operating frequency at (2400-2500MHZ) , All test data are showed as below.

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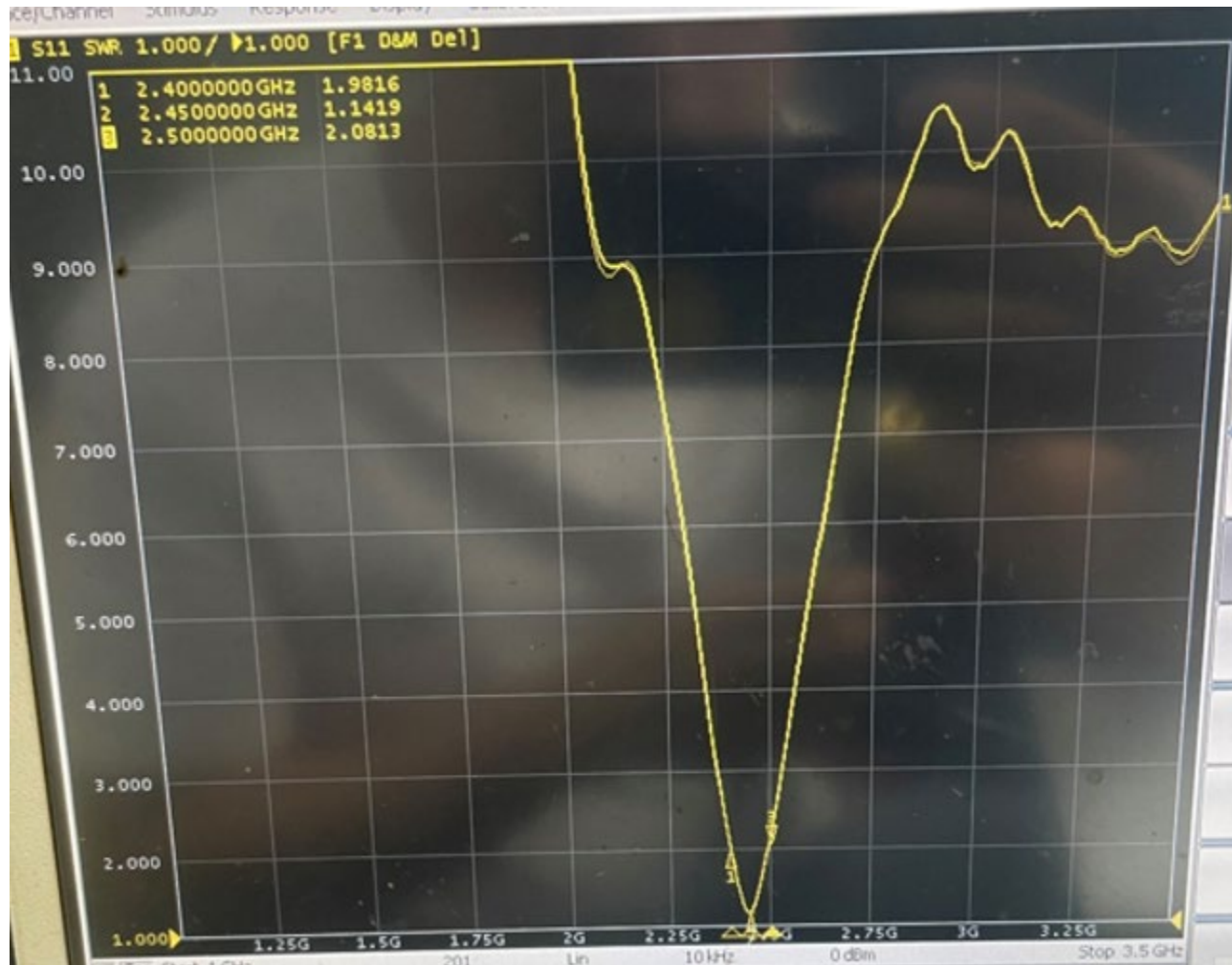
2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & HP 8753
OTA Test	TRP&TIS	CMW500 & CMW270 ETS& FT SG24
Gain & Efficiency	Gain & Efficiency	ETS&FT SG24 Agilent 5071C



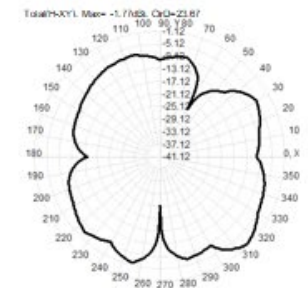
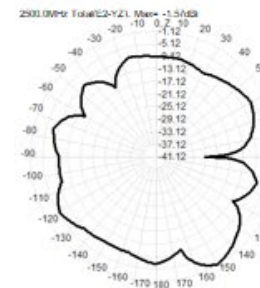
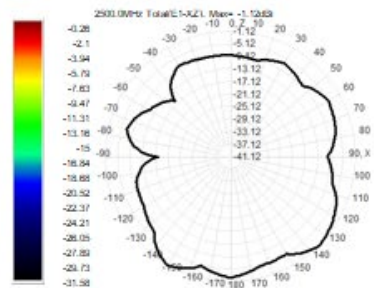
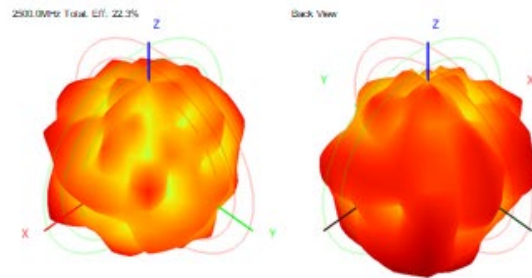
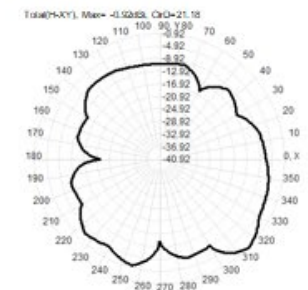
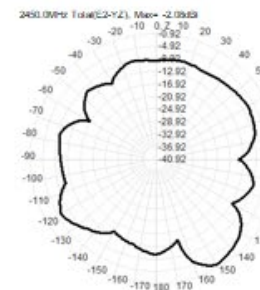
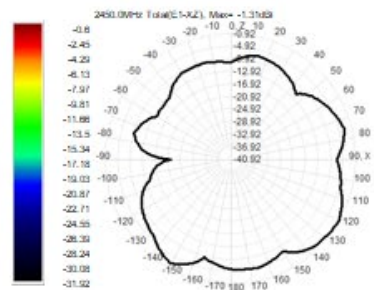
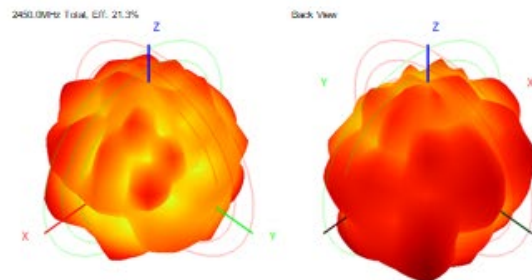
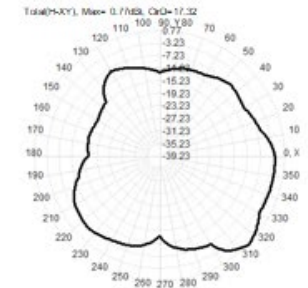
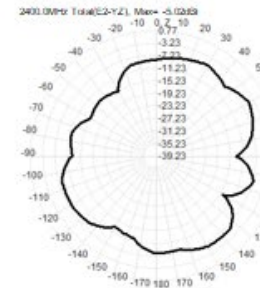
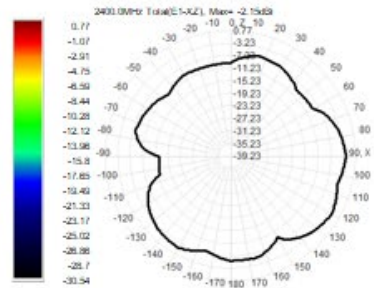
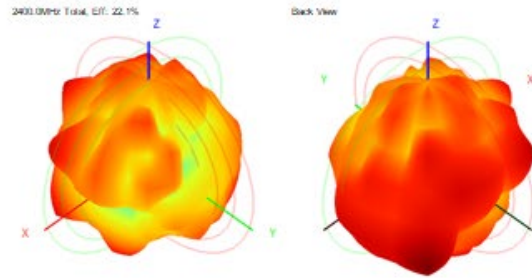
S11

深圳市芯阳智能实业有限公司



VSWR

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	0.70	0.61	-0.28	-0.15	-0.62	-0.60	-0.70	-0.72	-0.72	-0.13	-0.26
Efficiency (%)	22.11	23.51	20.40	22.65	20.89	21.26	20.45	20.17	20.93	23.53	22.26



BT-LANT-FS

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	-4.74	-79.55
		39	-1.15	-77.98
		78	-5.28	-76.45

BT- RANT-FS

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	-1.09	-81.86
		39	-3.74	-78.56
		78	--5.23	-76.09