

WLAN Antenna Test Report

Shenzhen Xinhengyang Technology Co., LTD

Address: Room 7A-909, 8th Floor, West Block, Kanghesheng Building, No.1 Chuangsheng Road, Xili, Nanshan District, Shenzhen

客 户 名 称 customer name	宏翔福 Hong Xiangfu	项 目 名 project name	135V
NO	项目 project	详述 expatiate	
1	频段	433	
2	天 线 类 型 Antenna type	弹簧天线 spring antenna	

一. 机台图片 Machine picture

二. 匹配调试 Matching debugging

三. 无源助波图 Passive aid pattern

四. 无源 3D&2D 场型图

Passive 3D&2D field pattern

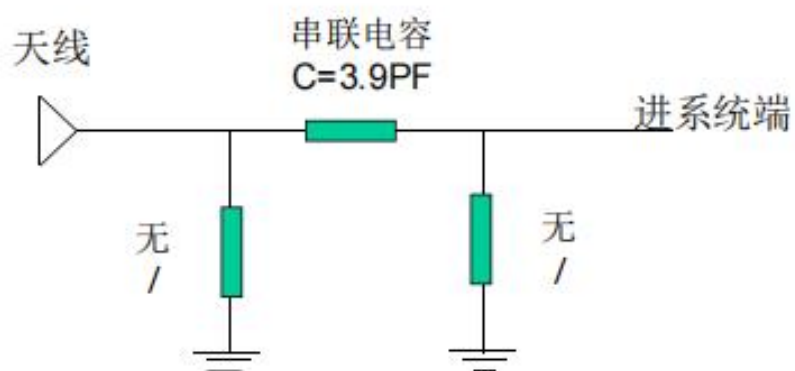
五. 无源效率&增益

Passive Efficiency & Gain

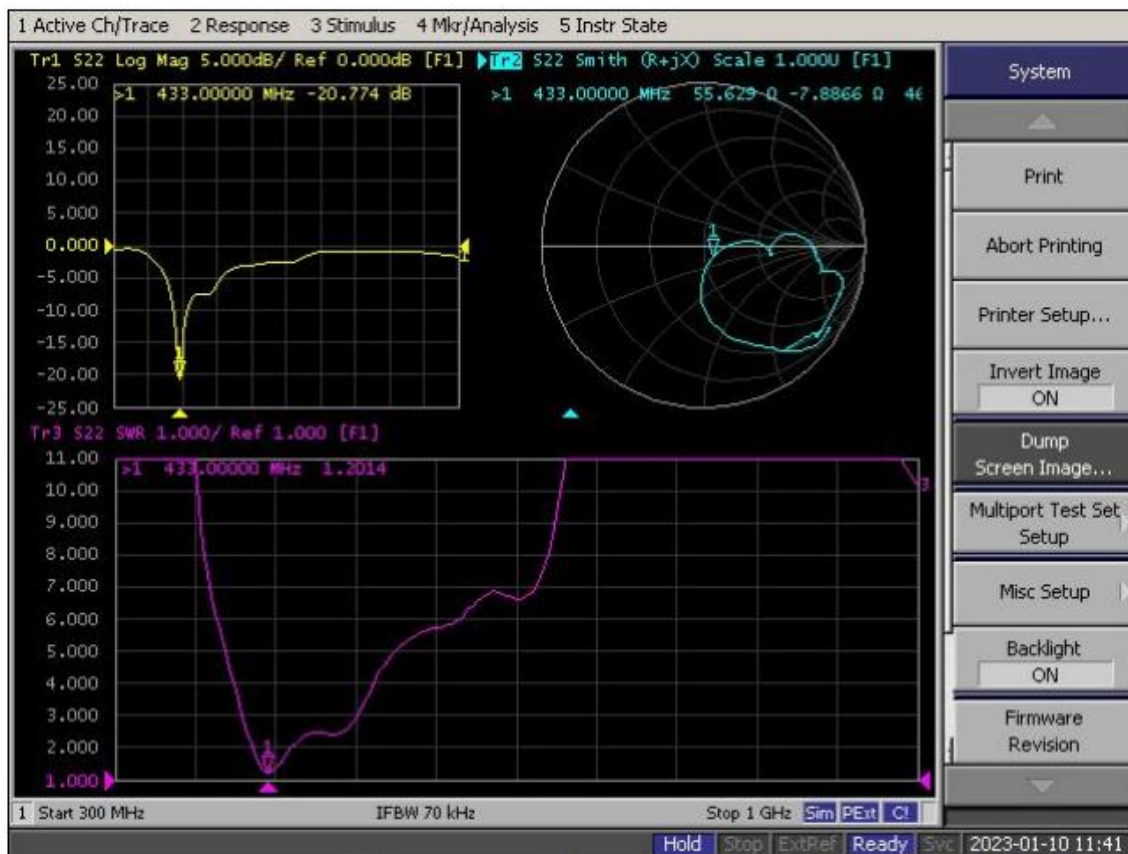
一. 机台图片 Machine picture



二. 匹配调试 Matching debugging

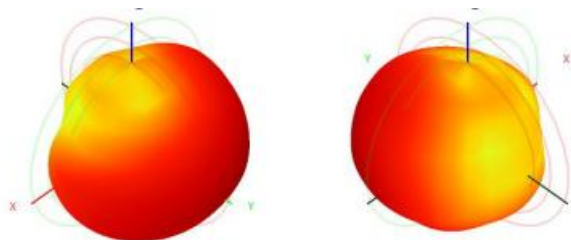


三. 无源助波图 Passive auxiliary wave diagram

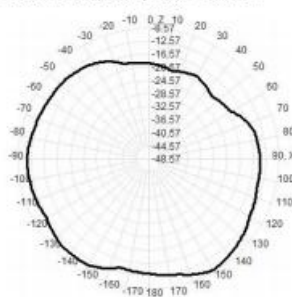


Antenna specifications: wire diameter 0.8mm, outer diameter 5.5mm, total length 24.4mm, number of turns 17.

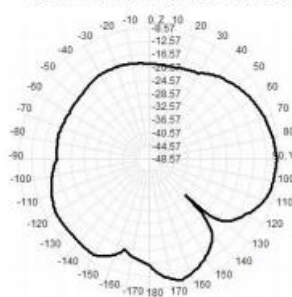
四. 无源 3D&2D 场型图 Passive 3D&2D field pattern



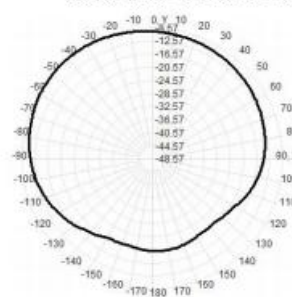
433.0MHz Total(E1-XZ), Max=- 2.45dBi



433.0MHz Total(E2-YZ), Max=- 2.13dBi



Total(H-XY), Max=-8.57dBi, CirD=12.97



五. 无源效率&增益 Passive Efficiency & Gain

自由空间		
Freq (MHz)	Effi (%)	Gain (dBi)
430	23.15	-2.53
431	24.55	-1.98
432	23.64	-2.89
433	22.67	-2.56
434	23.43	-2.82
435	24.57	-2.06
436	23.66	-2.15
437	23.47	-2.55
438	24.15	-1.98
439	24.78	-1.99
440	23.13	-2.65