



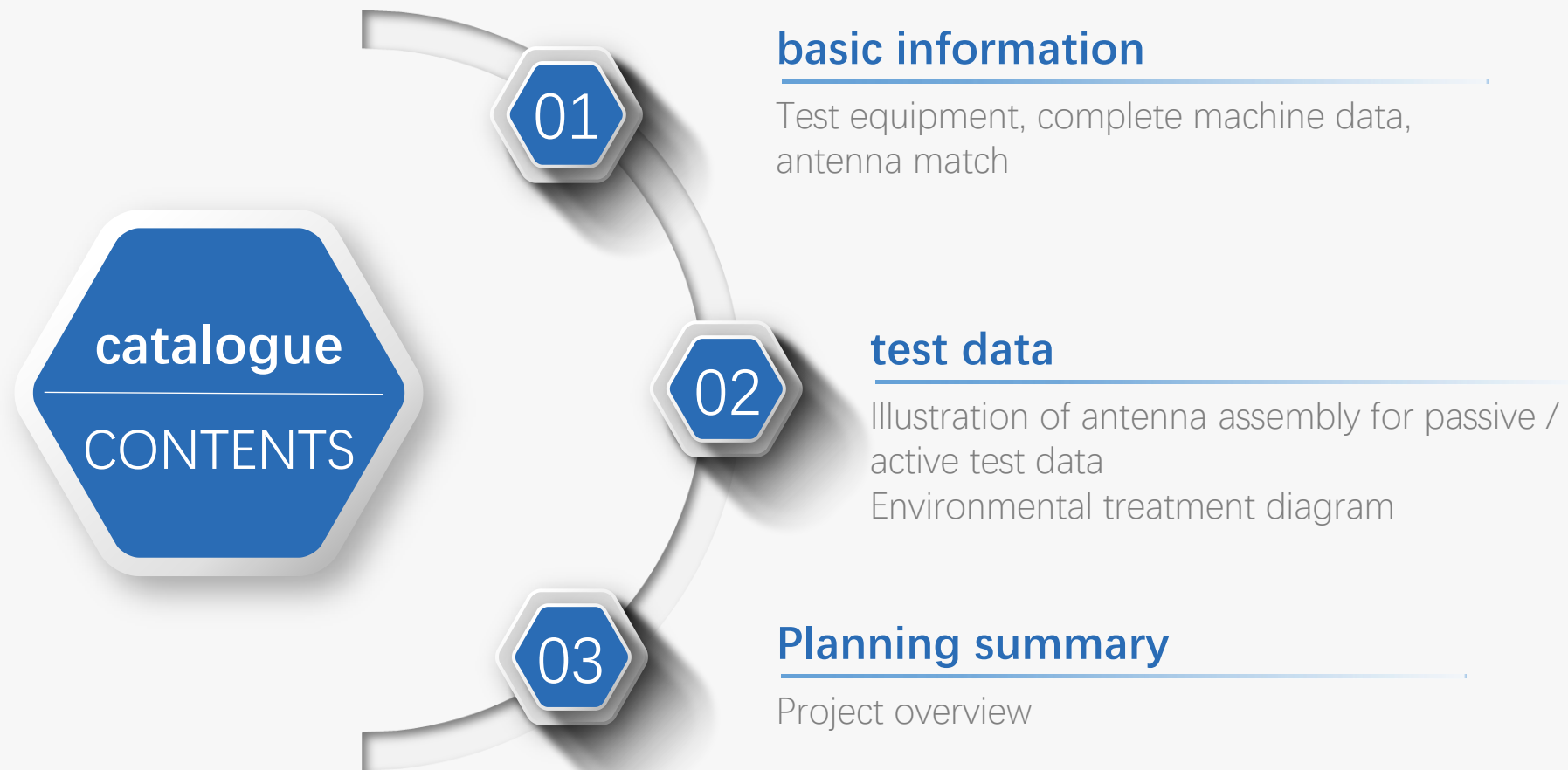
Topfrequency iot Technology Co., LTD

G2 Plus, The antenna test report



Radio frequency: Li
Gong

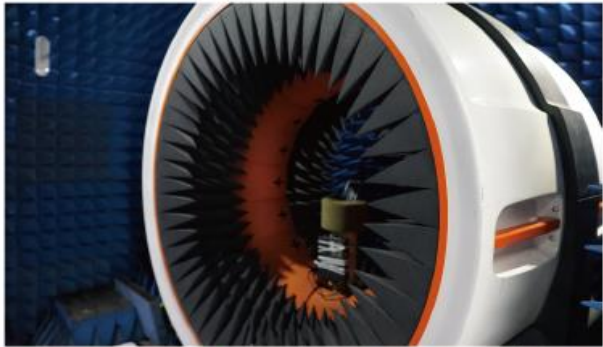
Time: 2024.04.07



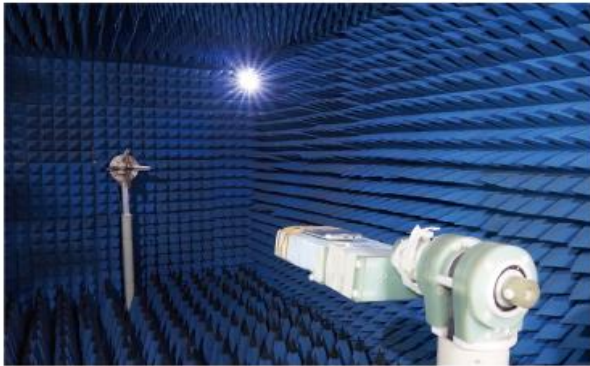
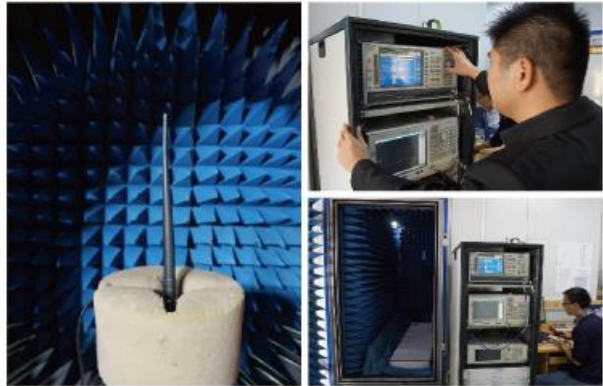


basic information:

【SATIMO】



【广屏】



test macro

- SATIMO, Agilent E5071C, Anritsu MT8820C, CMW500 StarPointSPQ500

SATIMO暗室-配备

Anritsu综测仪8820c/Agilent网分5071C/Agilent综测仪E4438C

广屏暗室-配备

Agilent-综测仪8960/罗德-cmw500

调试网分

Agilent 网分5071C



basic information:



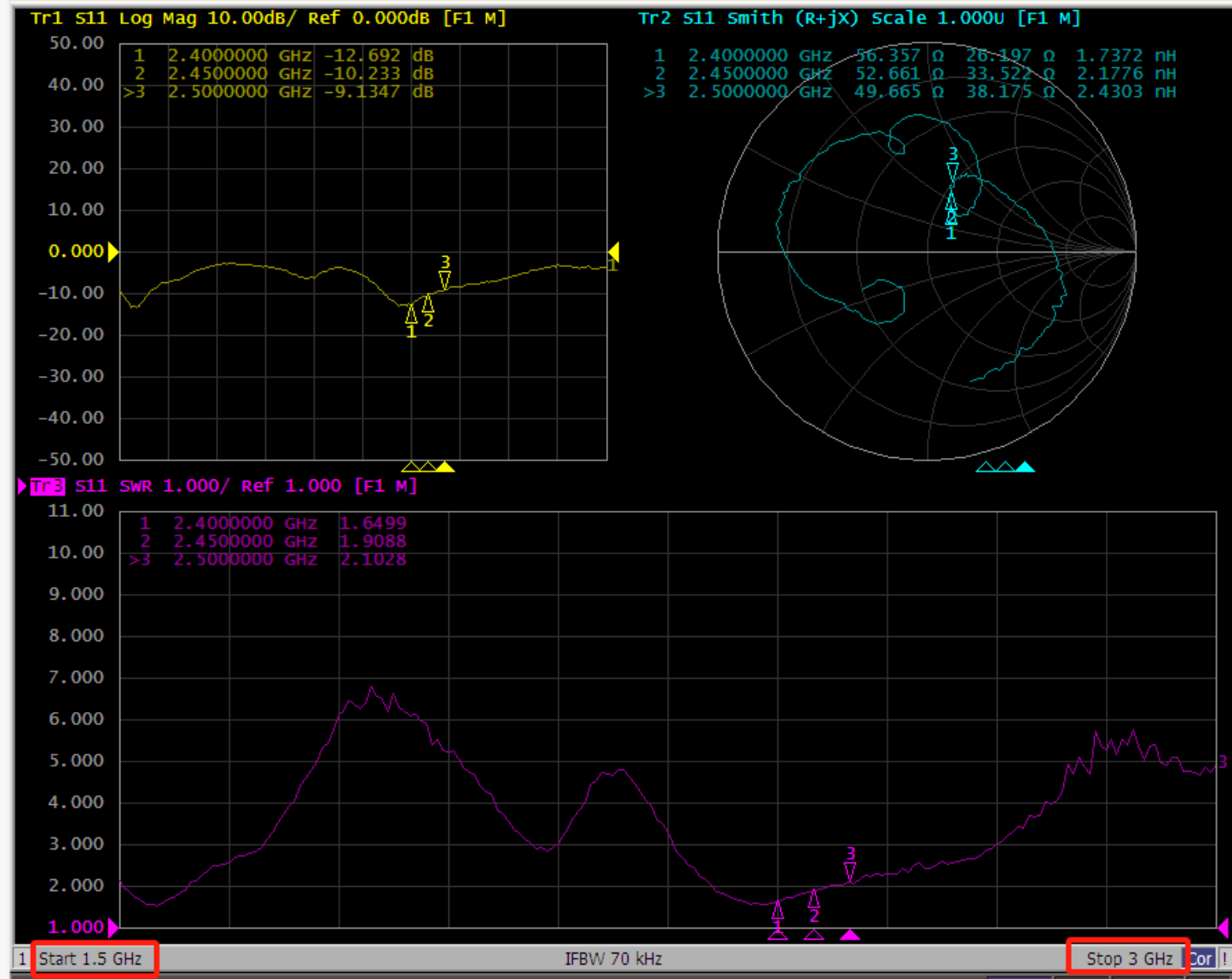
Complete machine data: machine data

- Customer name: Chievo
- Project name: KW212-FS
- Frequency band information: BT



Antenna passive data:

BT antenna passive map- (SWR / Log Mag / Smith)

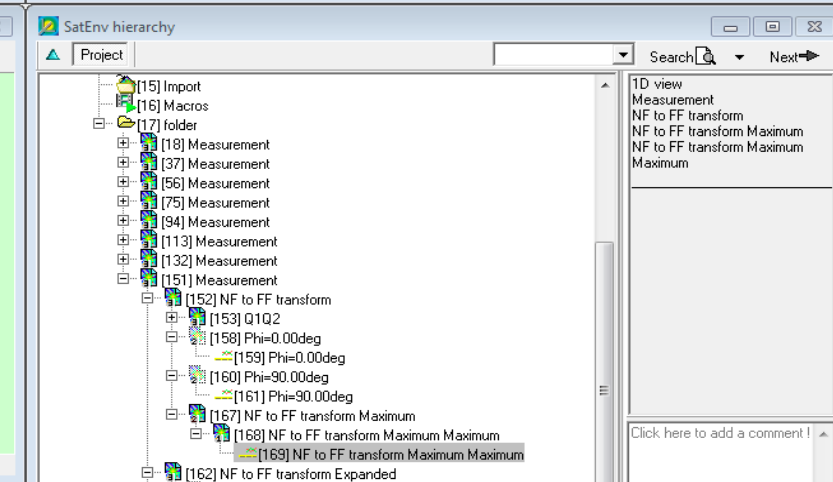
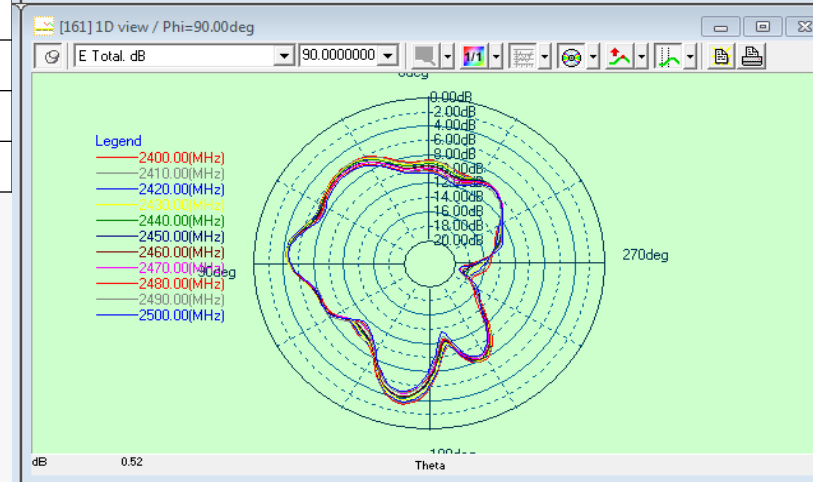
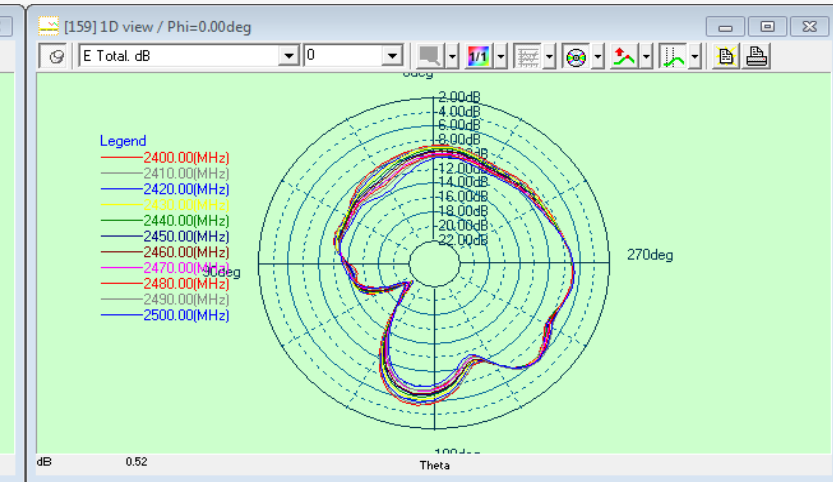
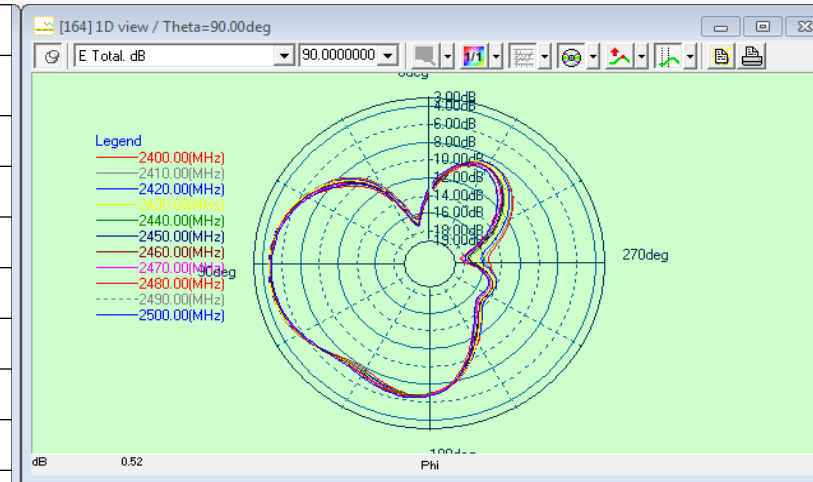




Antenna passive data:

BT antenna passive data- (efficiency / gain / orientation diagram)

2400-2500MHZ Efficiency		
Frequency	Efficiency	Gain. dBi
2400MHz	12%	-2.96
2410MHz	12%	-3.10
2420MHz	12%	-3.27
2430MHz	11%	-3.51
2440MHz	11%	-3.83
2450MHz	11%	-3.94
2460MHz	11%	-4.02
2470MHz	10%	-4.42
2480MHz	10%	-4.53
2490MHz	10%	-4.46
2500MHz	10%	-4.60





Playing music measured data:

Test state	When wearing the watch, raise your hand to the chest to test disconnect			
System type	IOS (iPhone XS Max)		Android (HUAWEI Mate 50 Pro)	
Indoor/outdoor	indoor	outdoor	indoor	outdoor
Connection distance	14-15 meters	12-13 meters	15-16 meters	13-14 meters

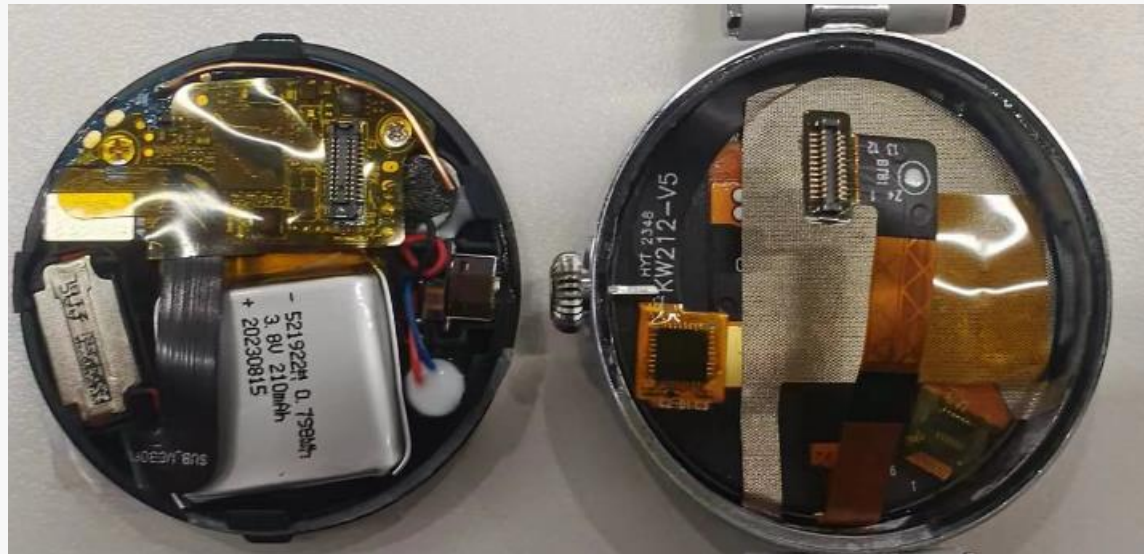




antenna
position:

1. The antenna is in FPC form and is welded directly to the front of the motherboard.
2. The environment treatment is the customer's original machine state, with no change.

Antenna placement





Planning summary:

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The above report is KW212-FS customer supplied machine, antenna passive data test report.



THANK YOU

May you have a calm heart in the
complicated and noisy world

– –Tv

