



KW105PROG ANT report





CONTENTS

01

basic information

Test equipment data antenna

02

Test data

Passive/active test data
antenna assembly illustration
Environmental treatment diagram

03

Planning summary

project outline



Basic information:



test system

- SATIMO, AgilentE5071C, AnristuMT8820C, CMW500, StarPointSP9500



Basic information:

machinedata

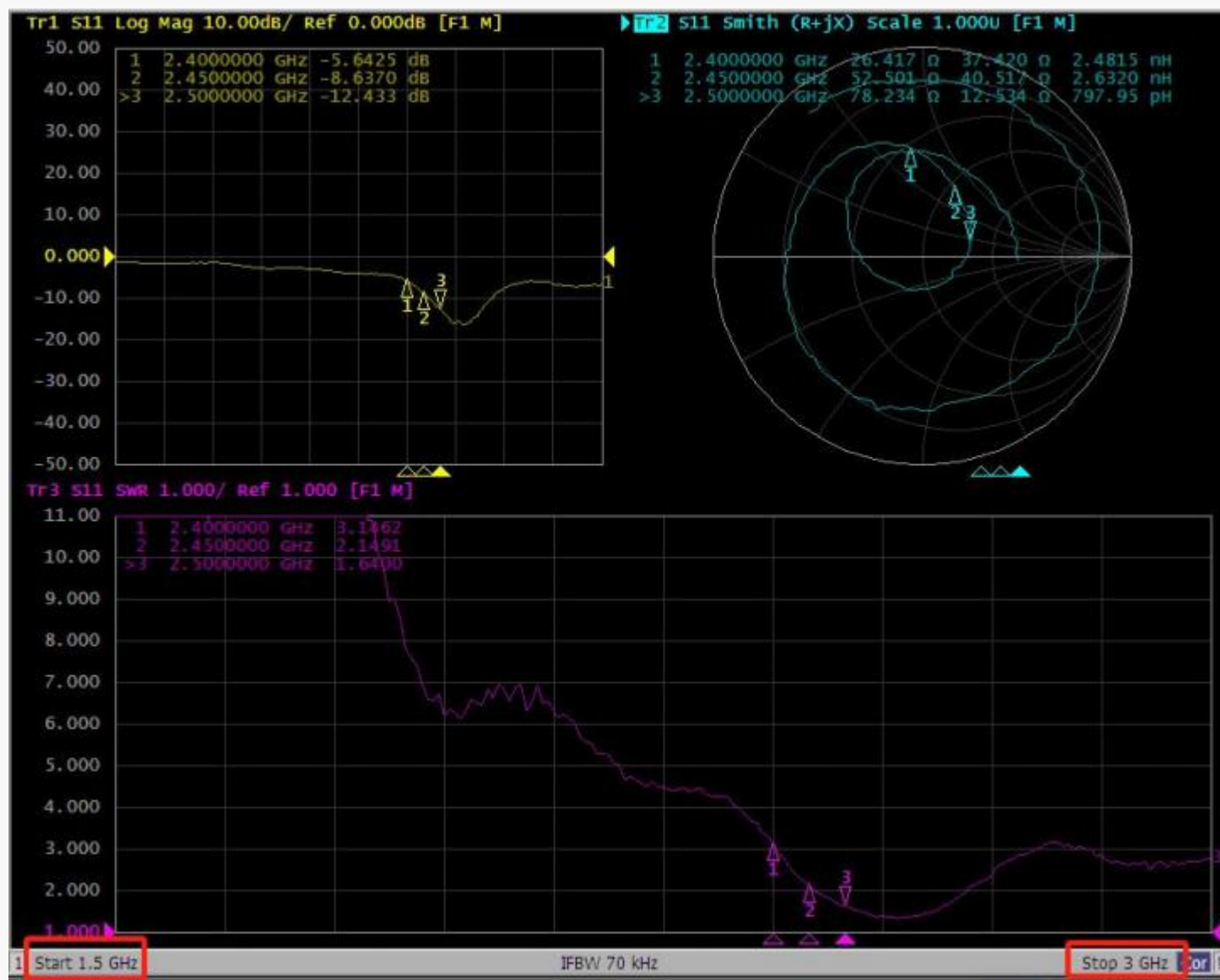
- Company name: Kingwear
- Model name: KW105PRO G
- Frequency information: BT





Test data

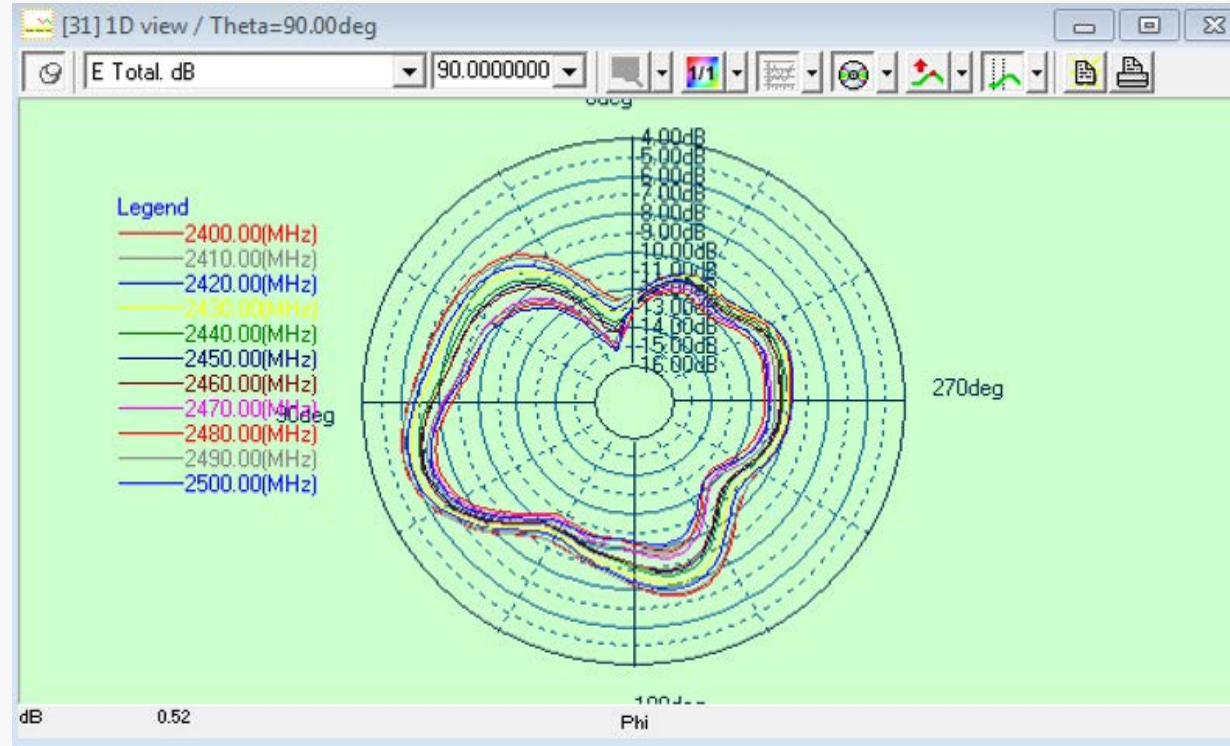
BT Antenna passive diagram- (SWR/LogMag/Smith)





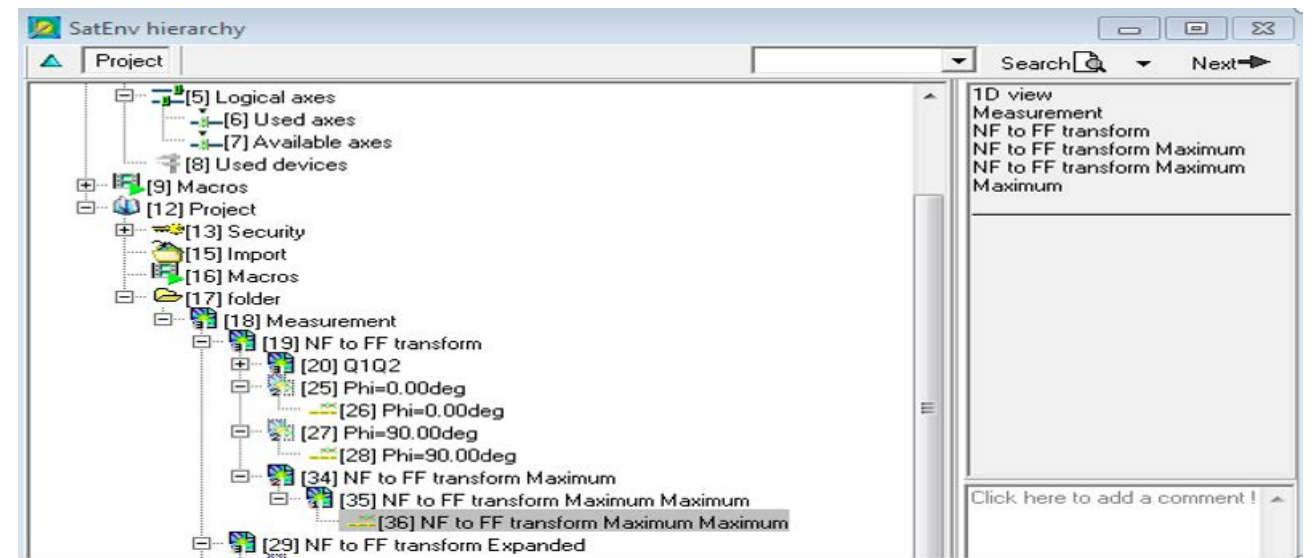
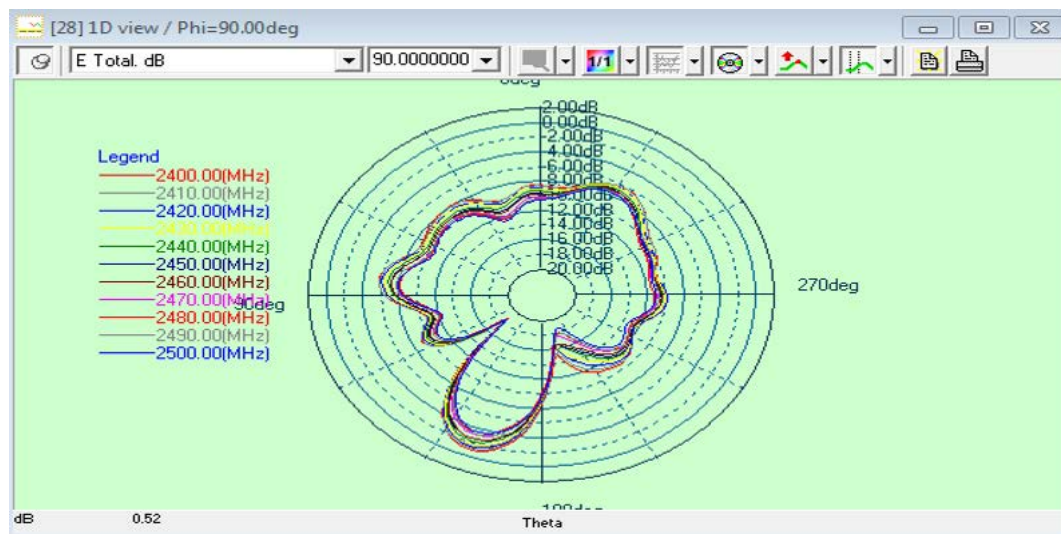
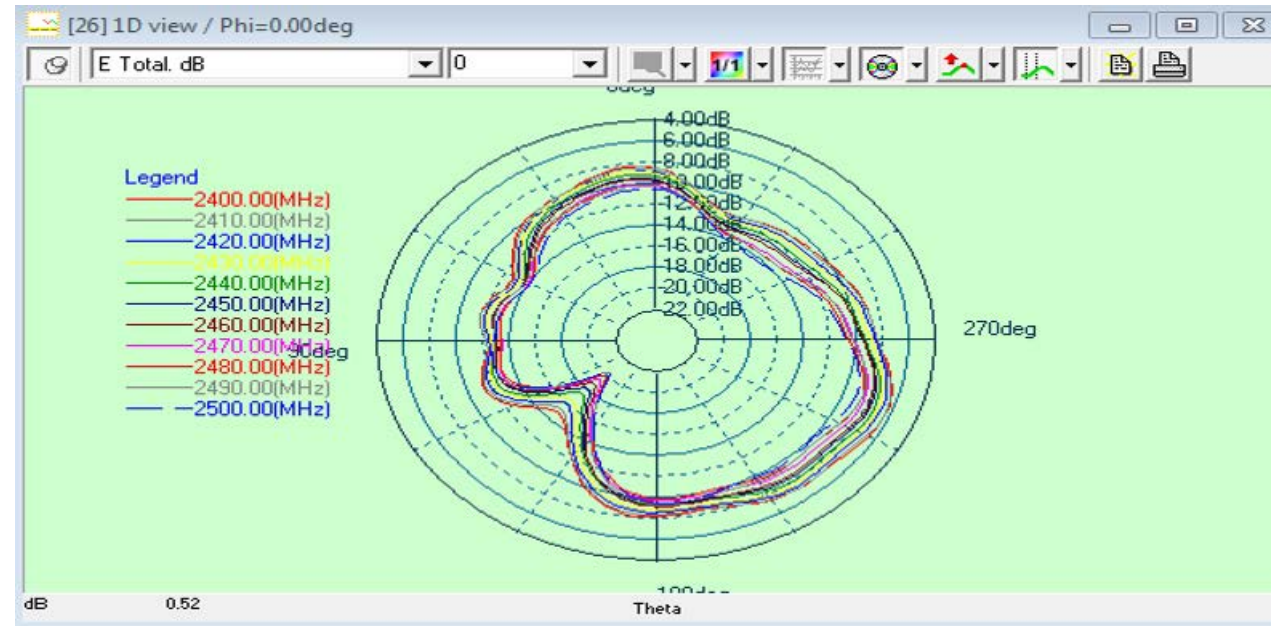
Test data: BT Antenna passive data-(efficiency/gain/pattern)

2400-2500MHz Efficiency		
Frequency	Efficiency	Gain. dBi
2400MHz	9%	-3.36
2410MHz	10%	-3.21
2420MHz	10%	-3.29
2430MHz	9%	-3.29
2440MHz	10%	-3.26
2450MHz	10%	-3.14
2460MHz	9%	-3.13
2470MHz	9%	-3.01
2480MHz	9%	-3.26
2490MHz	9%	-3.27
2500MHz	9%	-3.33





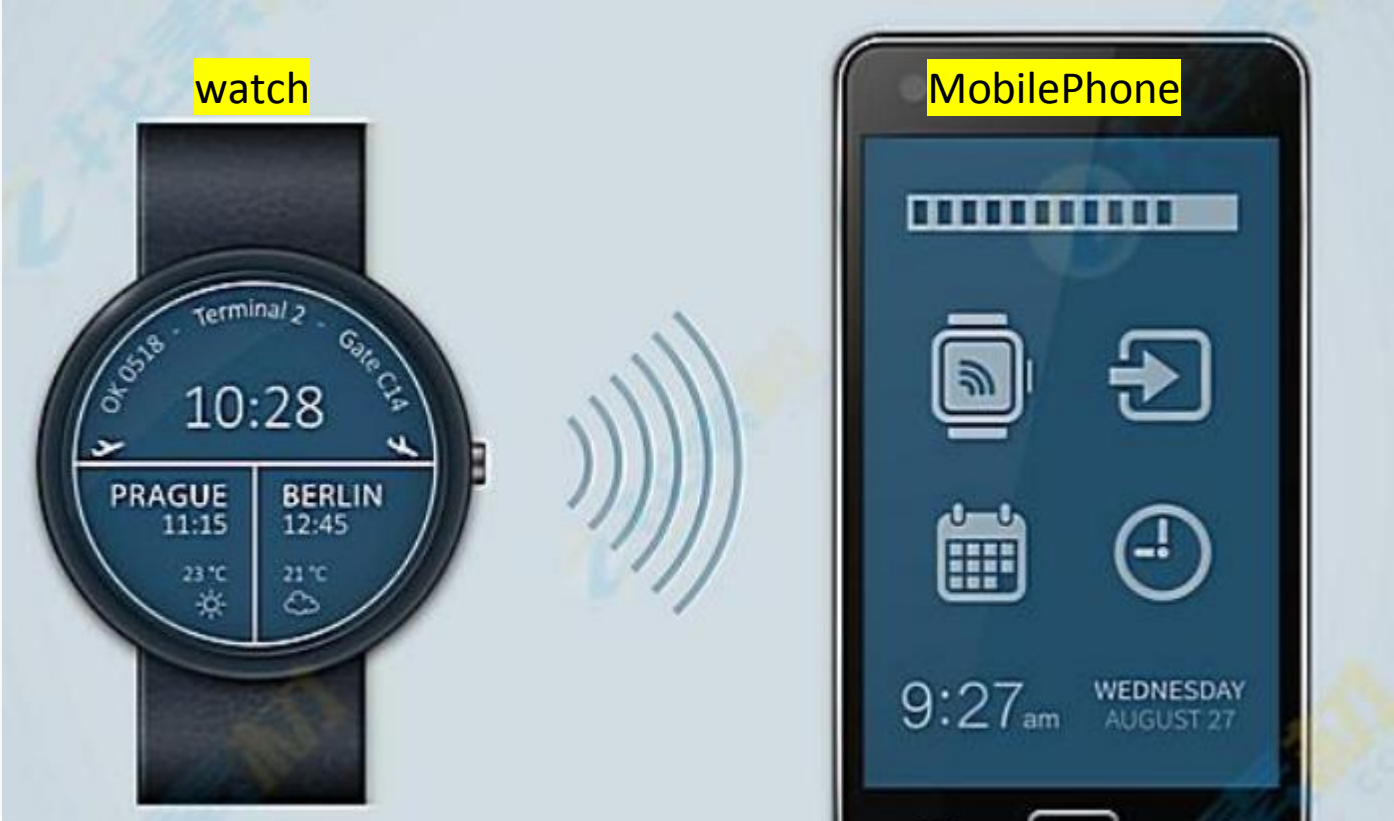
Test data: BT Antenna passive data-(efficiency/gain/pattern)





Play the measured data of the call:

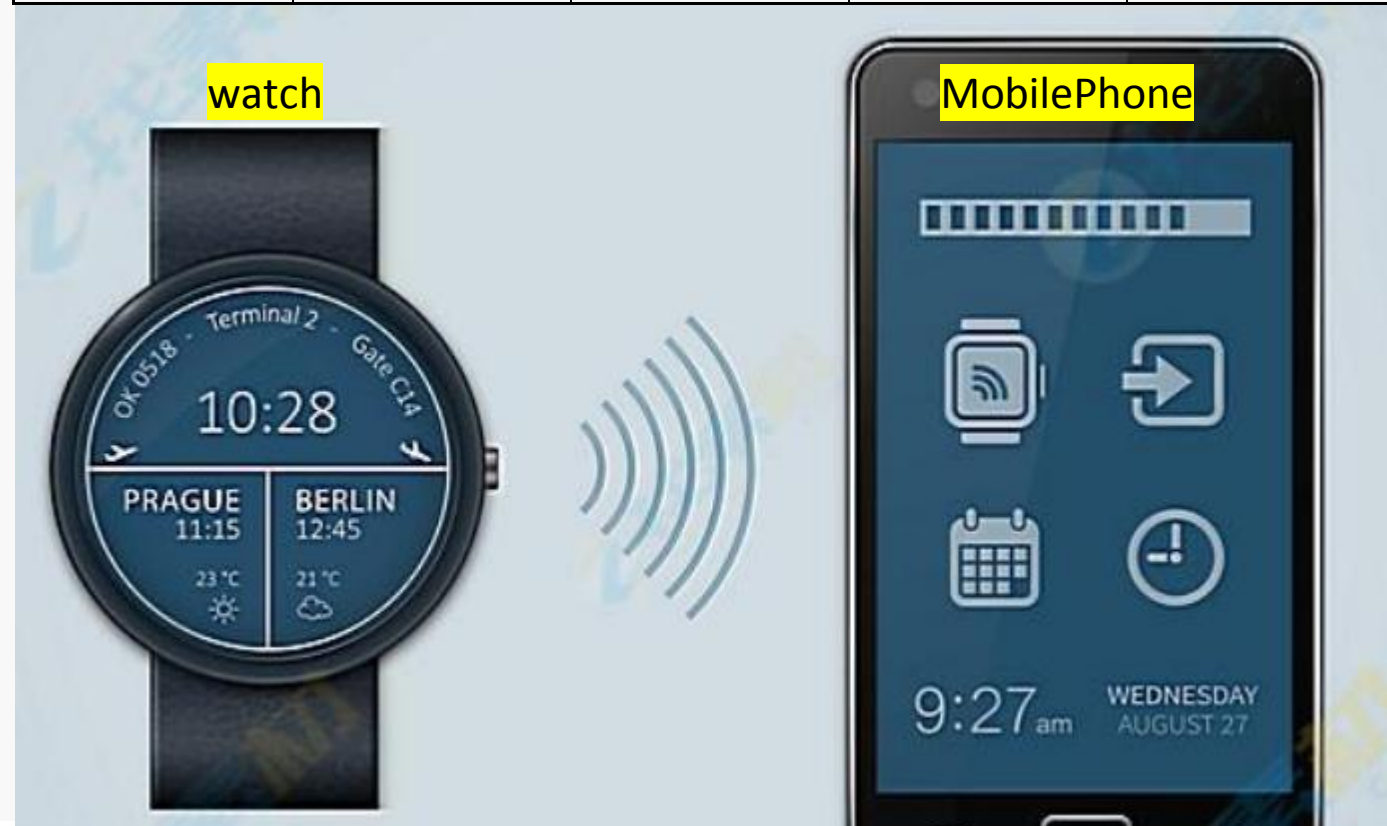
test mode	Wear the watch call hand to chest test, catch and disconnect back			
System type	IOS (iPhone XSMAX)		Android (HUAWEIMate 50Pro)	
indoor and outdoor	indoor	outdoor	indoor	outdoor
Connection distance	14-16m	13-15m	15-16m	13-15m





Play music measured data:

test mode	Wear the watch to play music and raise your hand to the chest to test, catch and disconnect back			
System type	IOS (iPhone XSMAX)		Android (HUAWEIMate 50Pro)	
indoor and outdoor	indoor	outdoor	indoor	outdoor
Connection distance	16-18m	14-16m	17-19m	15-17m





Antenna position





Planning summary

The above report is the KW105PROG customer supply machine, passive test report.

No changes to the original machine environment processing, no changes to matching, no changes to the original machine layout.

ANT Manufacture:Shenzhen Topfrequency iot Technology Co., LTD
ADD: 410-411, Floor 4, Building A, Jinbolong Science Park, Longhua Street,
Longhua District, Shenzhen