

規 格 承 認 書
SPECIFICATION FOR APPROVAL

客戶名稱：
CUSTOMER:

客戶料號：
CUSTOMER NO:

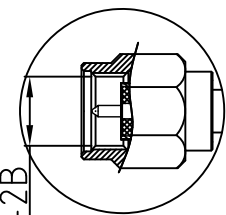
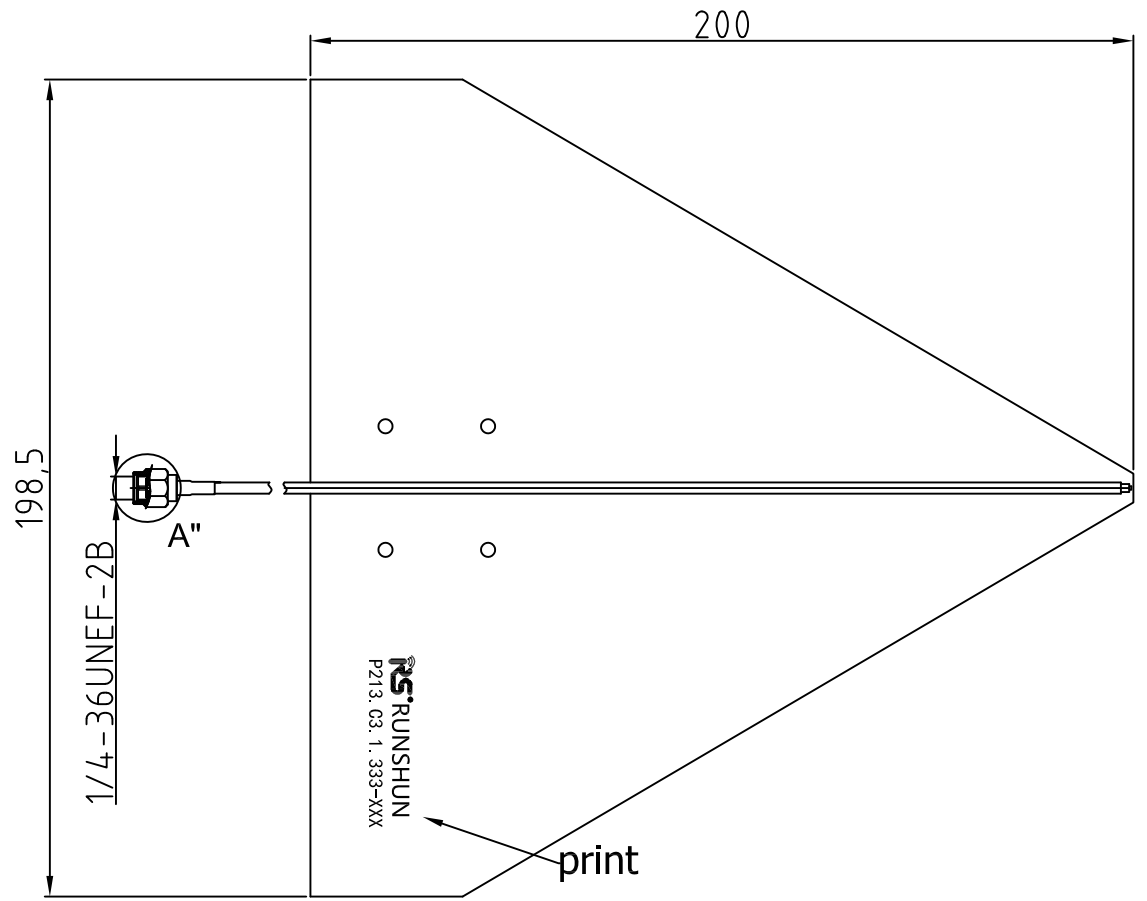
品 名
PART NAME: 600~6000MH LPDA Antenna

RS 料號
RS NO: P213.C3.1.333

SUPPLIER SIGNATURE (供方確認)		
APPROVAL	CHECK	DESIGN
king	Frank	HZH

CUSTOMER APPROVED BY (客戶確認)		
APPROVAL	CHIEF	SUPERVISOR

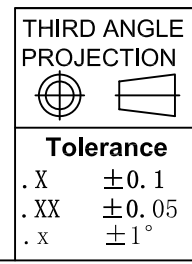
NO	Revision notes	Date	Designed by	Checked by
△	XXXX	XXXX		king



DETAIL:A"-A"
DETAIL:3/1

Electrical Properties	
Frequency Range	600~6000MHz
Impedance	50 Ω
V.S.W.R.	≤2.0
Radiation	Omni
Gain	5.0dBi
Polarization	Vertical
Mechanical Properties	
Antenna	FR4
Standard Connector	SMA Male
Maximun Power	100 W
Operating Temp	-40~+80

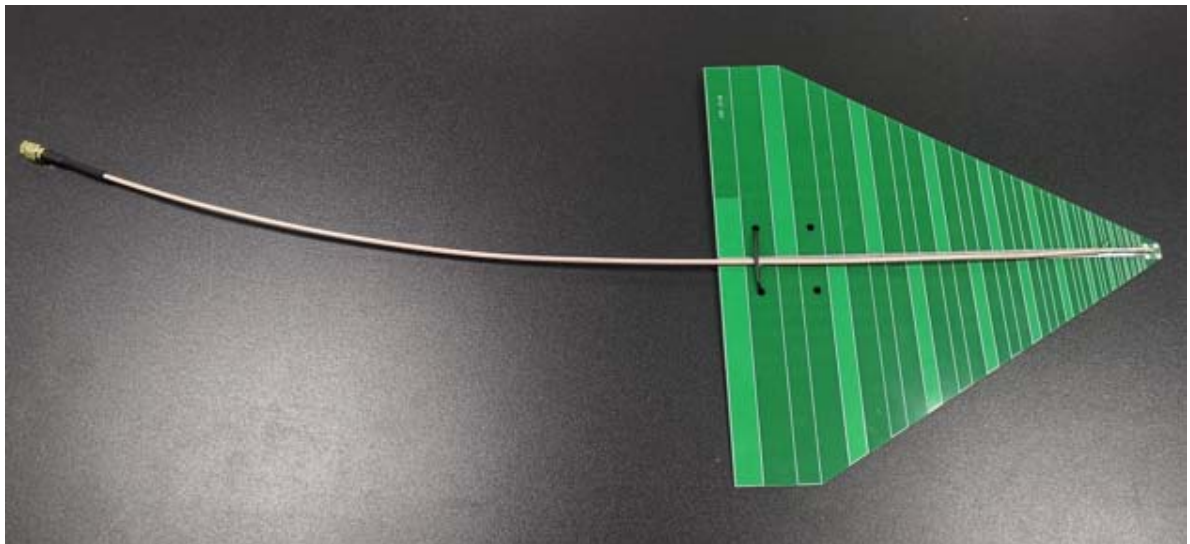
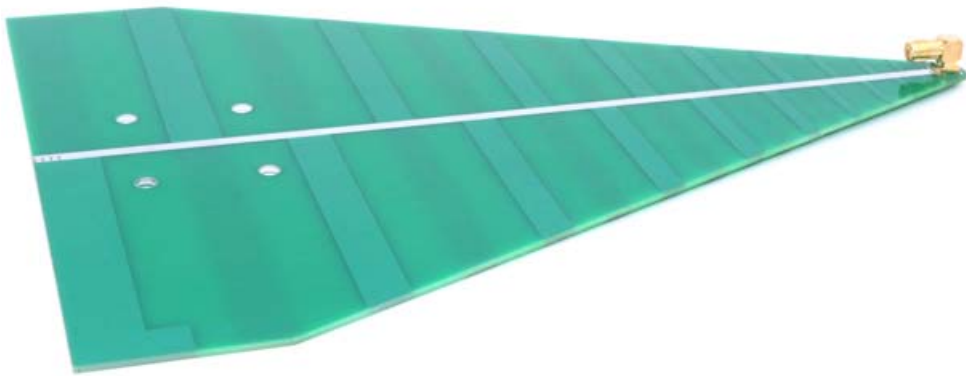
NO	Name	Material	Finish	QTY
1	Antenna	FR4	Black	1
2	RG316 Cable	FEP	Brown	1
3	SMA Male	Brass	Gold	1
4	Heat shrinkable tube	PE	Black	1



DRAWN BY	Li	MATERIAL:	
CHECKED BY		FINISH:	
APPROVED BY	King	UNIT:	mm
DATE:	23.3.17	SCALE:1/1	REV6.0

PART NO:	P213.C3.1.333
TITLE:	4G 5G LPDA Antenna
Dongguan RunShun /www.rsantenna.com	

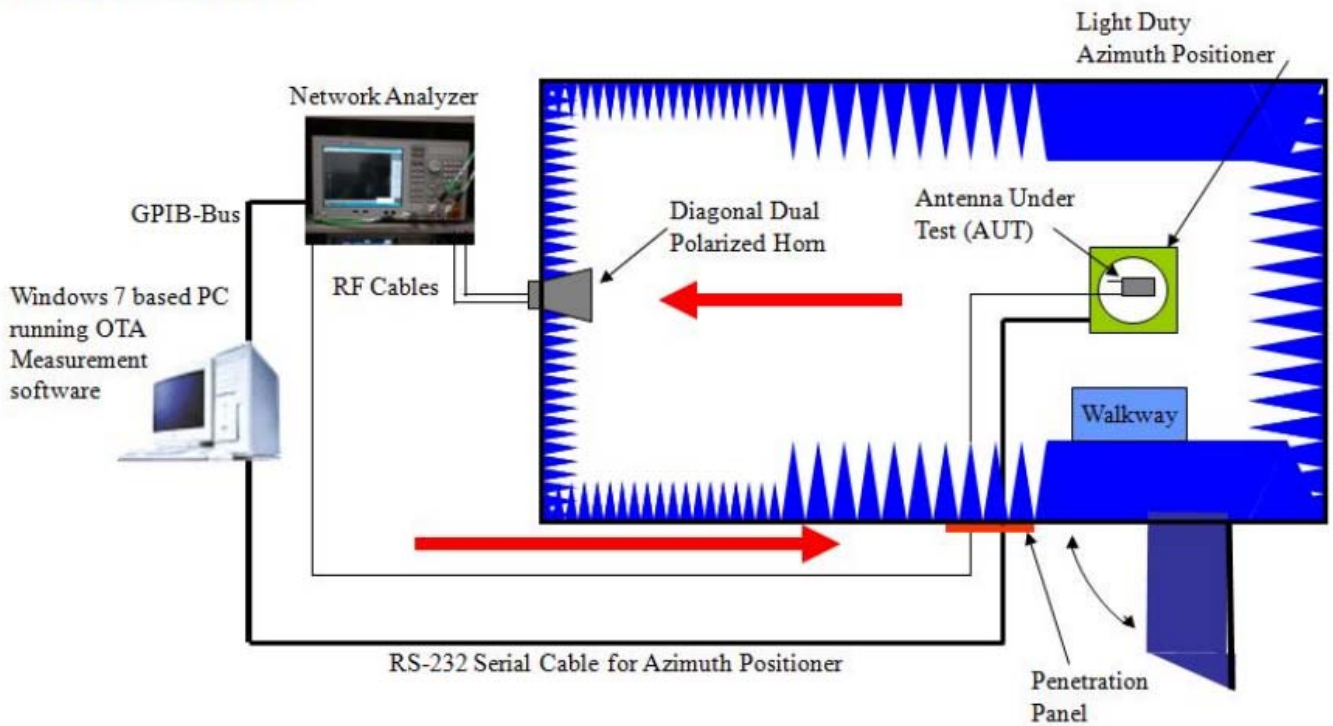
产品照片
Product Photos



Electrical properties	
Frequency	600~6000MHZ
Impedance	50 ohm Nominal
Return Loss	-10 dBi
VSWR Port 1&2	2.0:1 MAX
Gain	2.99dBi--600MHz~~Efficiency45% 3.32dBi--617MHz~~Efficiency44% 5.66dBi--960MHz~~Efficiency63% 6.0 dBi--1710MHz~~Efficiency61% 5.0dBi--2170MHz~~Efficiency57% 7.3dBi--2700MHz~~Efficiency76% 3.8dBi--3300MHz~~Efficiency45% 4.8dBi--3800MHz~~Efficiency54% 3.3dBi--5000MHz~~Efficiency41% 2.8dBi--5950MHz~~Efficiency46%
Connector	SMA or R/A SMA Female
Cable length	RG141 or RG316
Mechanical Properties	
Radome	UV Resistant PCBA
Operating Temp	-40°C to +80°C
Radome Color	Black

產品圖紙
2D Drawing

Passive mode



TEST INSTRUMENT :

1. AGILENT E5071C NETWORK ANALYZER
2. 3D OTA Chamber(WanShih)

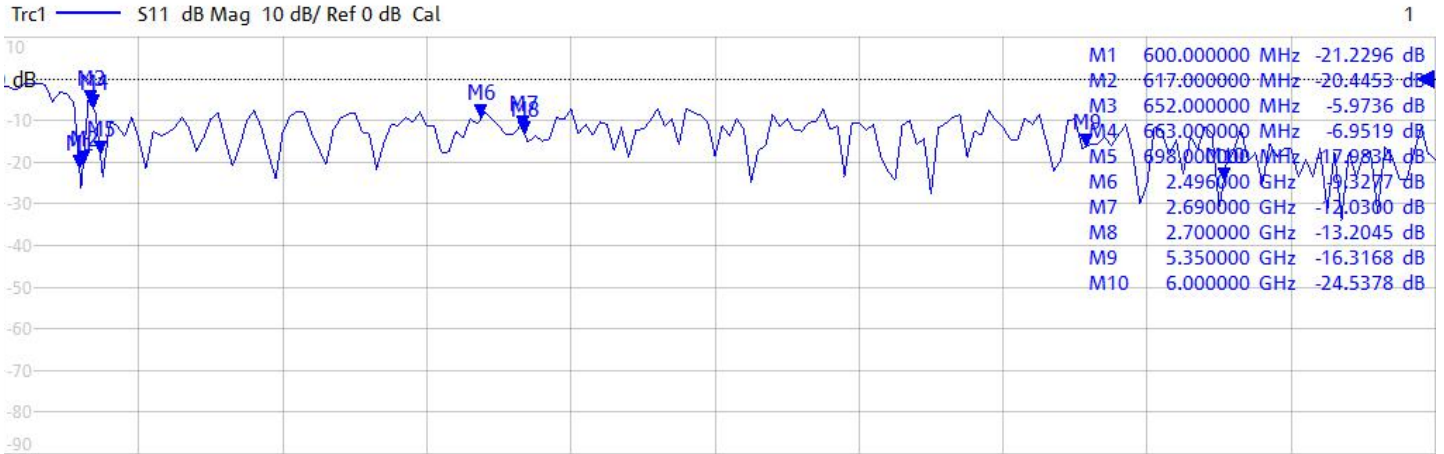
Anechoic Chamber External Dimensions

(L x W x H): 8m x 4m x 4m

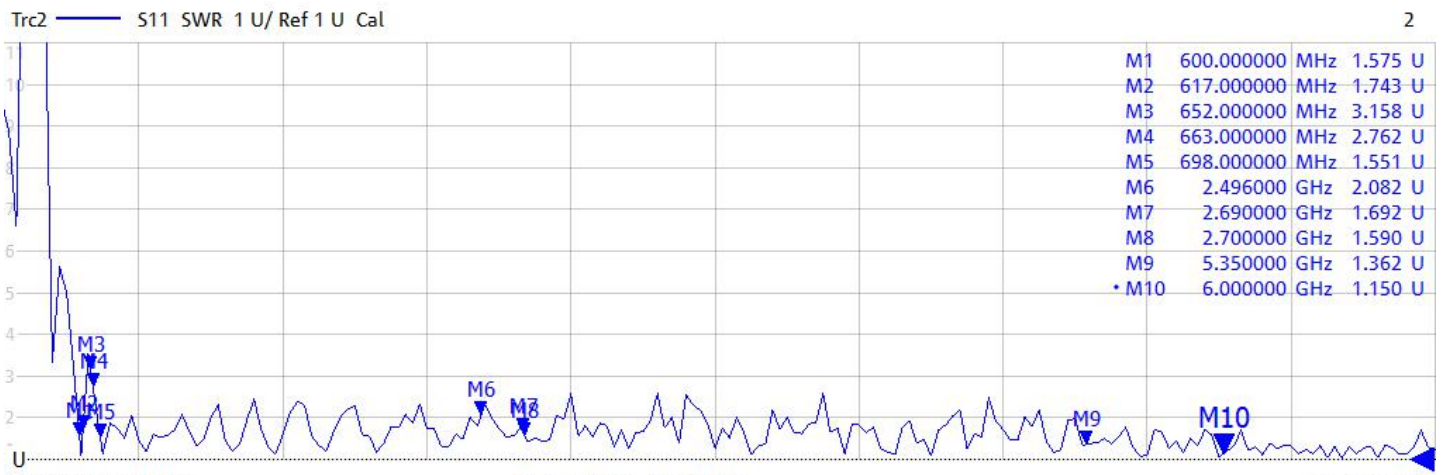


VSWR with Cable 50CM

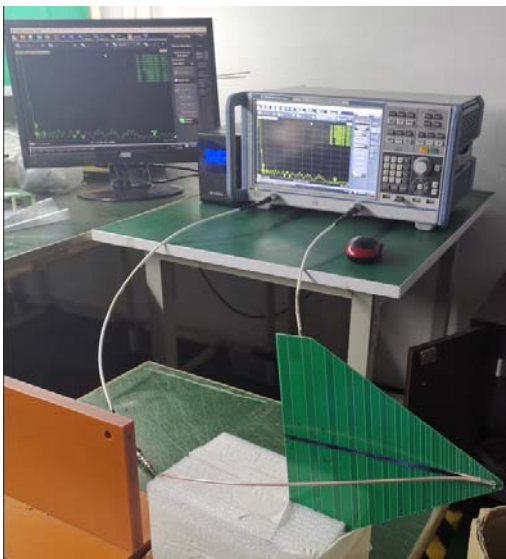
3/30/2023 1:17:16 AM
1328.5170K92-101595-Kd



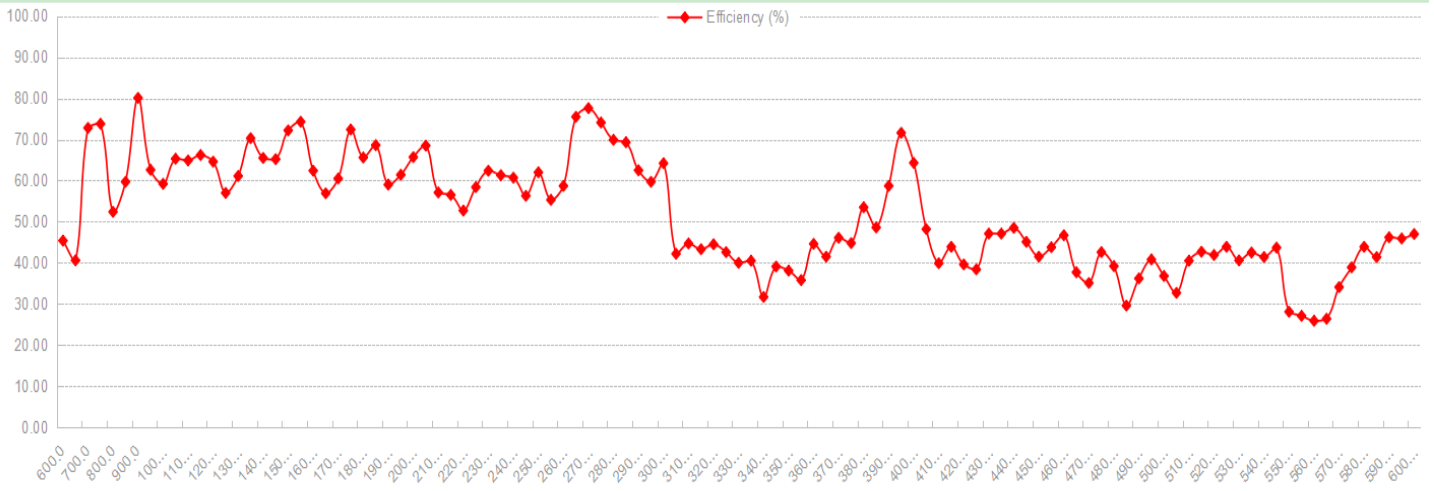
Ch1 Start 200 MHz Pwr -10 dBm Bw 10 kHz Stop 7 GHz



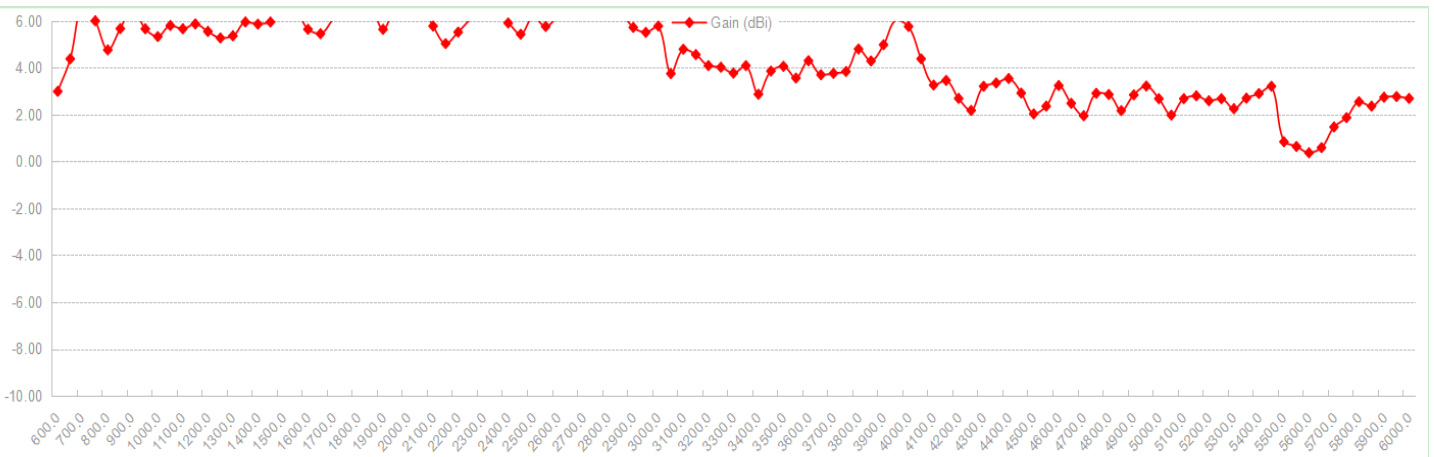
Ch1 Start 200 MHz Pwr -10 dBm Bw 10 kHz Stop 7 GHz



Efficiency %



Gain



Efficiency %

