

Antenna Model: G980210104  
Type : PIFA  
Brand : MilDef Crete Inc.  
2.4G Gain : 0.92 dBi  
5G Gain : 0.48 dBi  
GNSS Gain : 1.13 dBi  
FCC:IR5DF10

Equipment: HANFHELD COMPUTER  
Model:DF10  
Trade: MilDef

# 茂訊電腦股份有限公司 測試報告 TEST REPORT

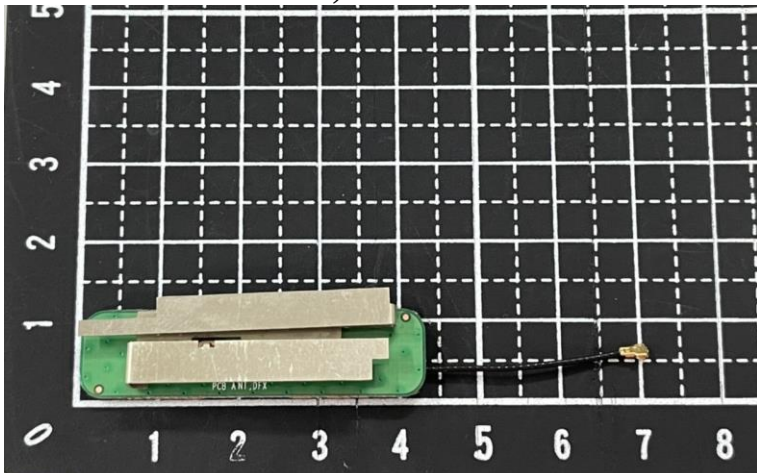
機型：DF10	名稱：Antenna Test Report
---------	------------------------

## 1. DF10 Antenna location



## 2. Antenna Dimensions

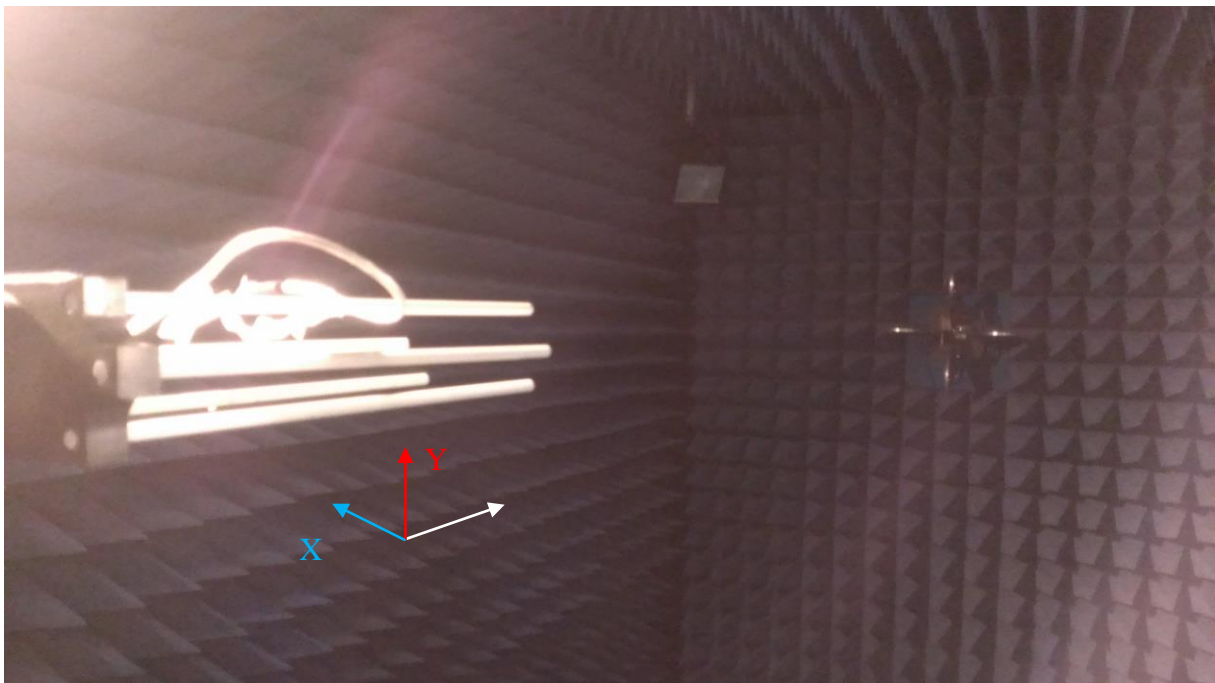
PN: G980210104 / PCBA ANT,DF10



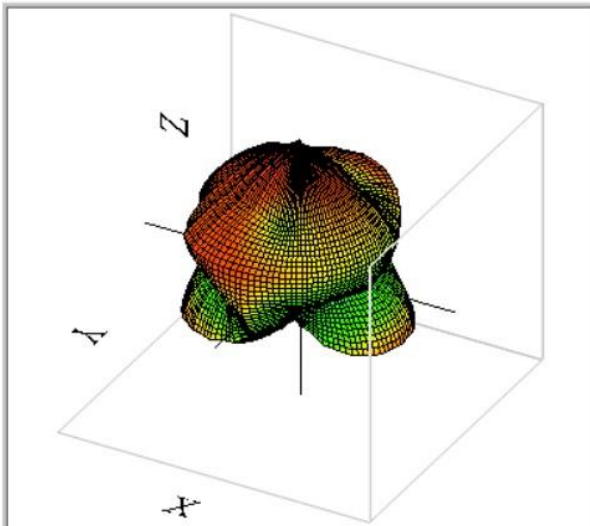
### 3. Antenna Return Loss



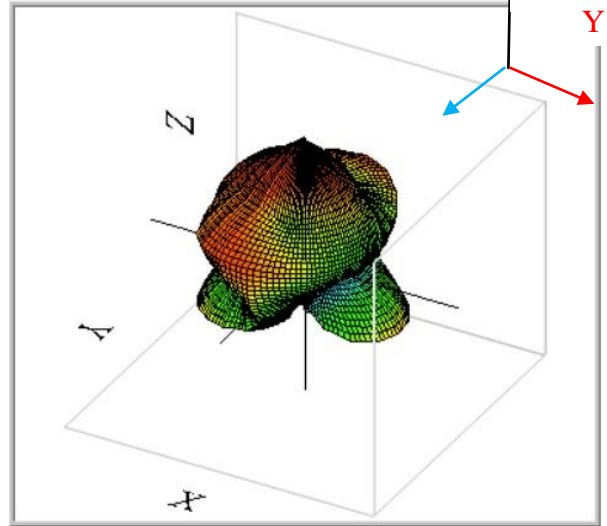
### 4. 3D-Chamber Measurement Test



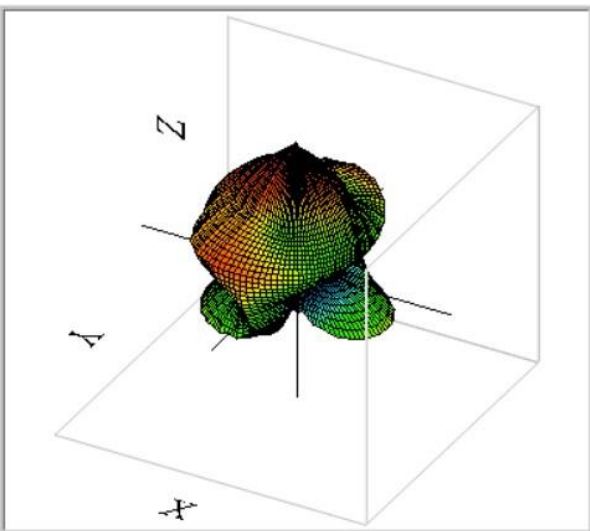
# 4-1 GSNN 3D Antenna Pattern



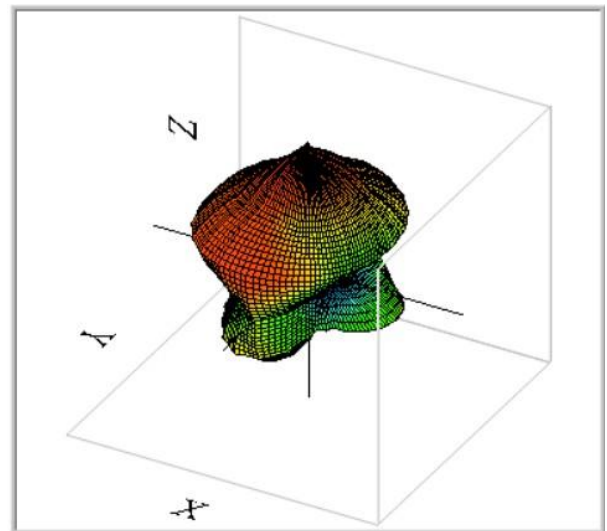
**GNSS 1565MHz**



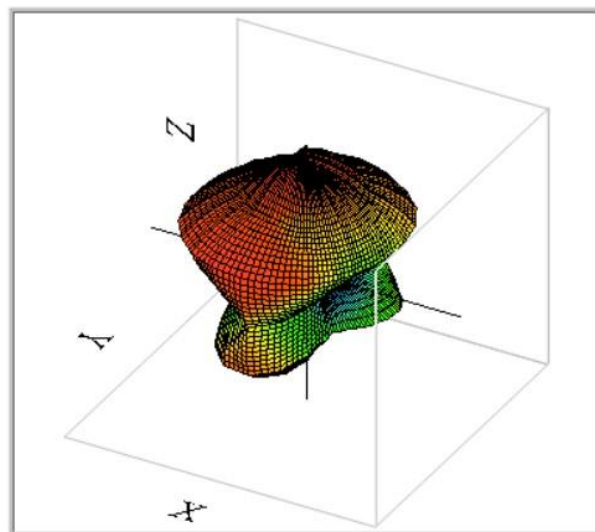
**GNSS 1575MHz**



**GNSS 1585MHz**

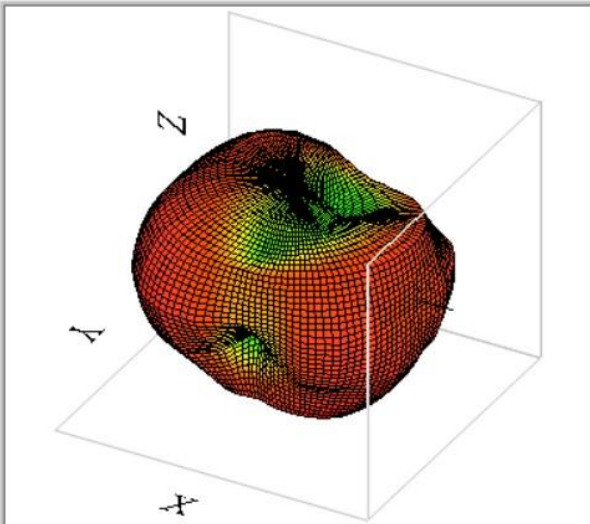


**GNSS 1605MHz**

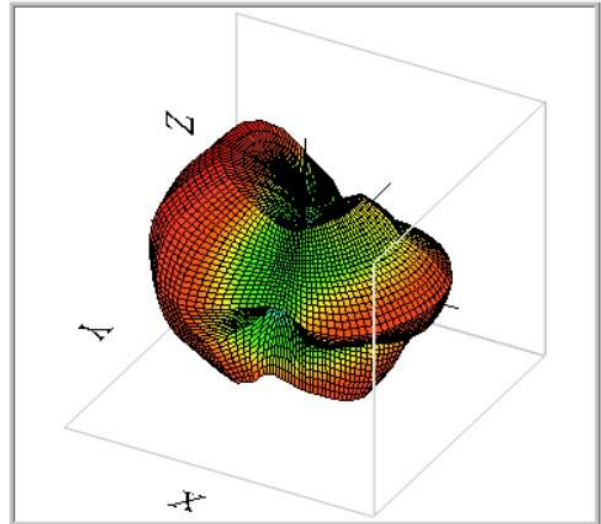


**GNSS 1615MHz**

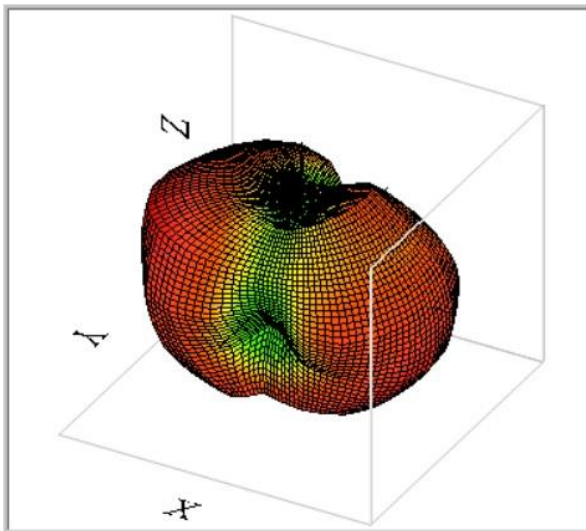
## 4-2 WLAN 3D Antenna Pattern



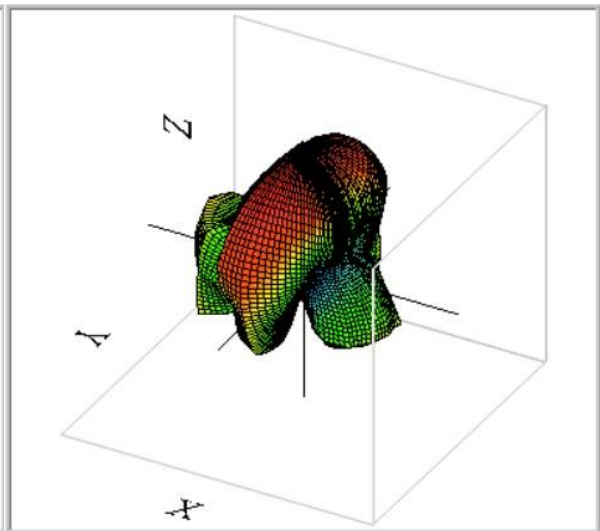
WLAN 2400MHz



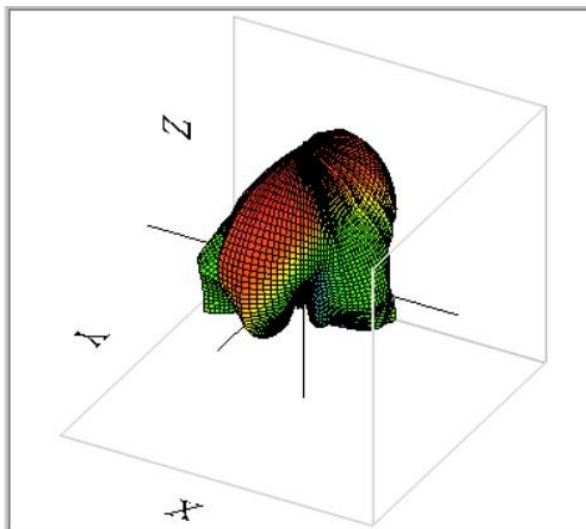
WLAN 2450MHz



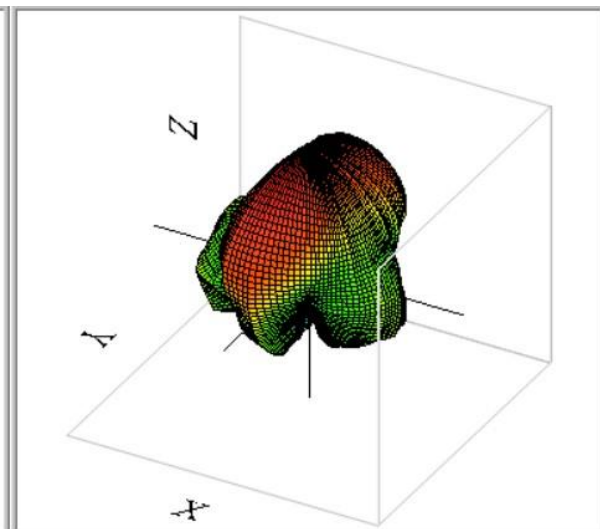
WLAN 2500MHz



WLAN 5150MHz

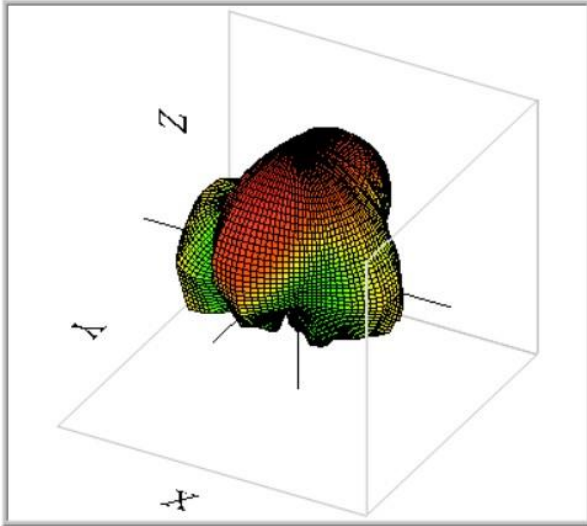


WLAN 5250MHz

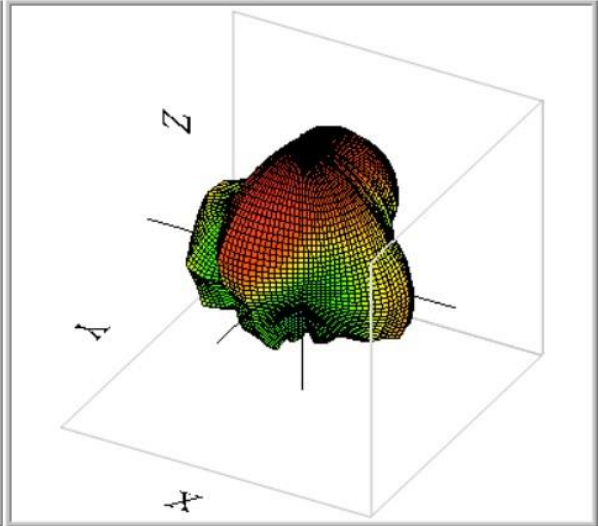


WLAN 5350MHz

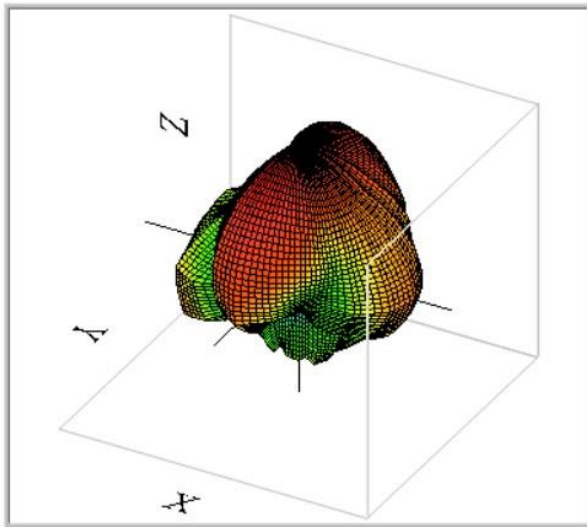




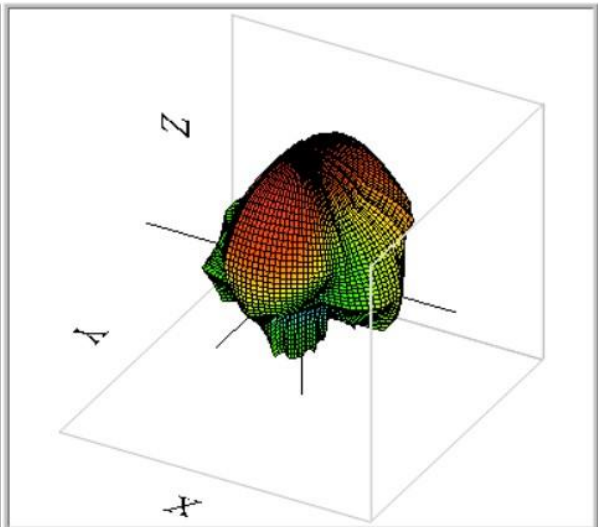
**WLAN 5470MHz**



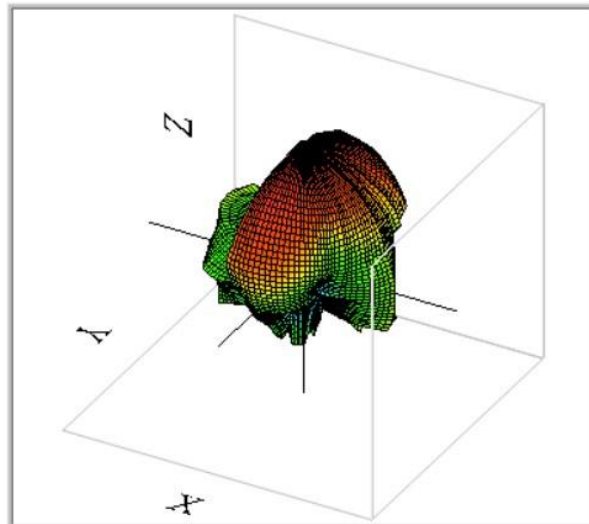
**WLAN 5500MHz**



**WLAN 5600MHz**



**WLAN 5725MHz**



**WLAN 5850MHz**

## 5. Antenna Efficiency:

Category	Frequency(MHz)	Efficiency(%)	Peak Gain
GNSS	1565	35.24	0.37
	1575	31.84	0.32
	1585	37.24	1.05
	1605	42.07	1.13
	1615	44.77	0.82
Wi-Fi / BT	2400	36.9	0
	2450	50.12	0.52
	2500	55.08	0.92
	5150	17.34	0.2
	5250	17.5	0.48
	5350	17.1	0.7
	5470	25.12	1.52
	5500	21.13	0.59
	5600	31.26	2.21
	5725	39.17	3.59
	5850	50.58	3.78

審核：

承辦：

QR-83-04