



TopGain

SPECIFICATION

DESCRIPTION	External Dipole Antenna
PART NO.	ED25G-1713-190C6-01
VERSION	V02

TopGain	Customer

頂益科技有限公司

TOPGAIN TECHNOLOGY CO., LTD.

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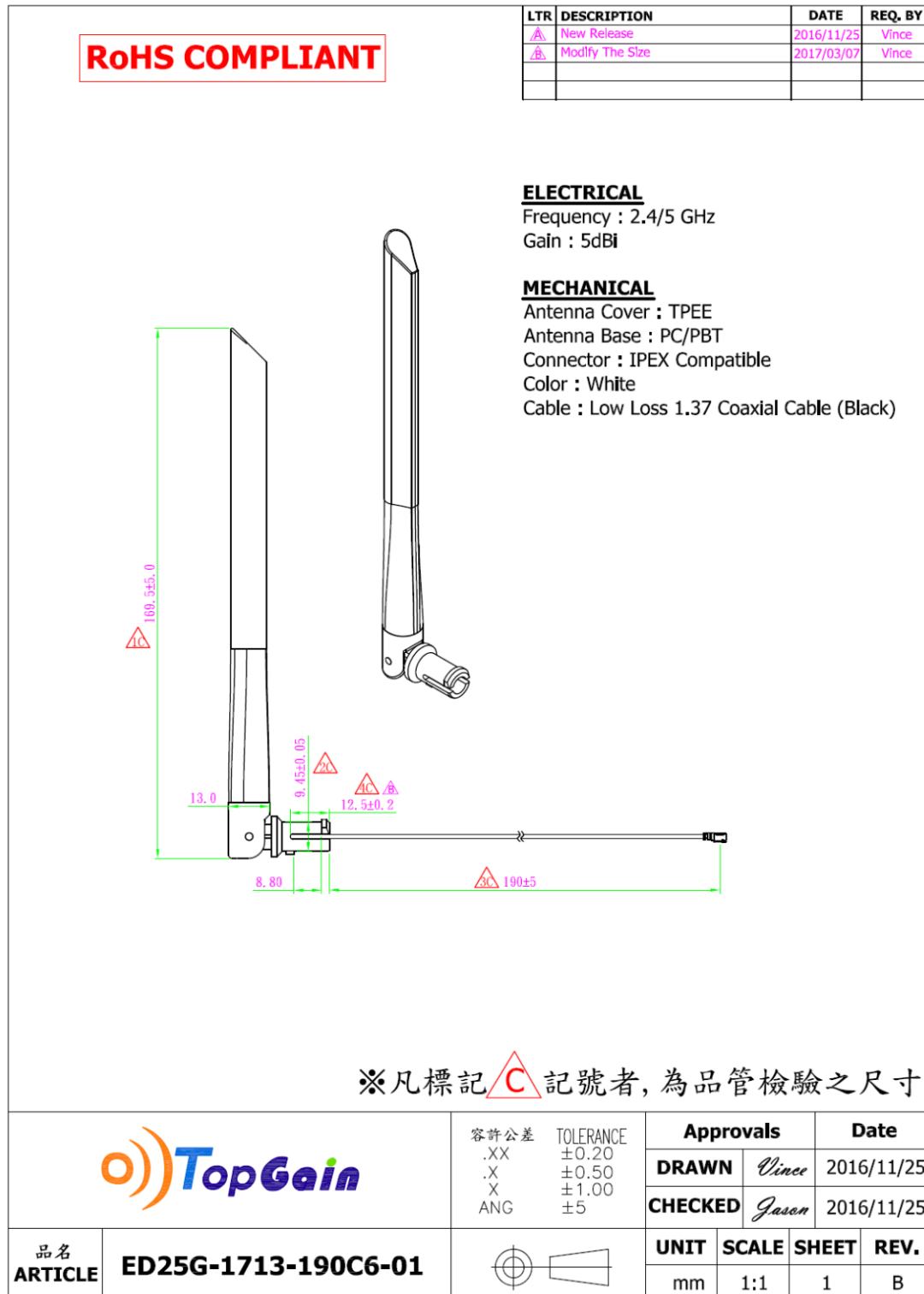
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1. Antenna Specification

Frequency Range	2.4GHz ~ 2.5GHz 5.15GHz ~ 5.85GHz
Impedance	50 Ohm Nominal
Return Loss	-10dB (Max)
Radiation	Omni-directional
Polarization	Linear
Operating Temp	-20°C ~ +65°C
Storage Temp	-30°C ~ +75°C
Antenna Cover	TPEE
Antenna Base	PC+PBT
Color	White
Cable	Low Loss Coaxial Cable Ø1.37 (Black)
Connector	IPEX Compatible

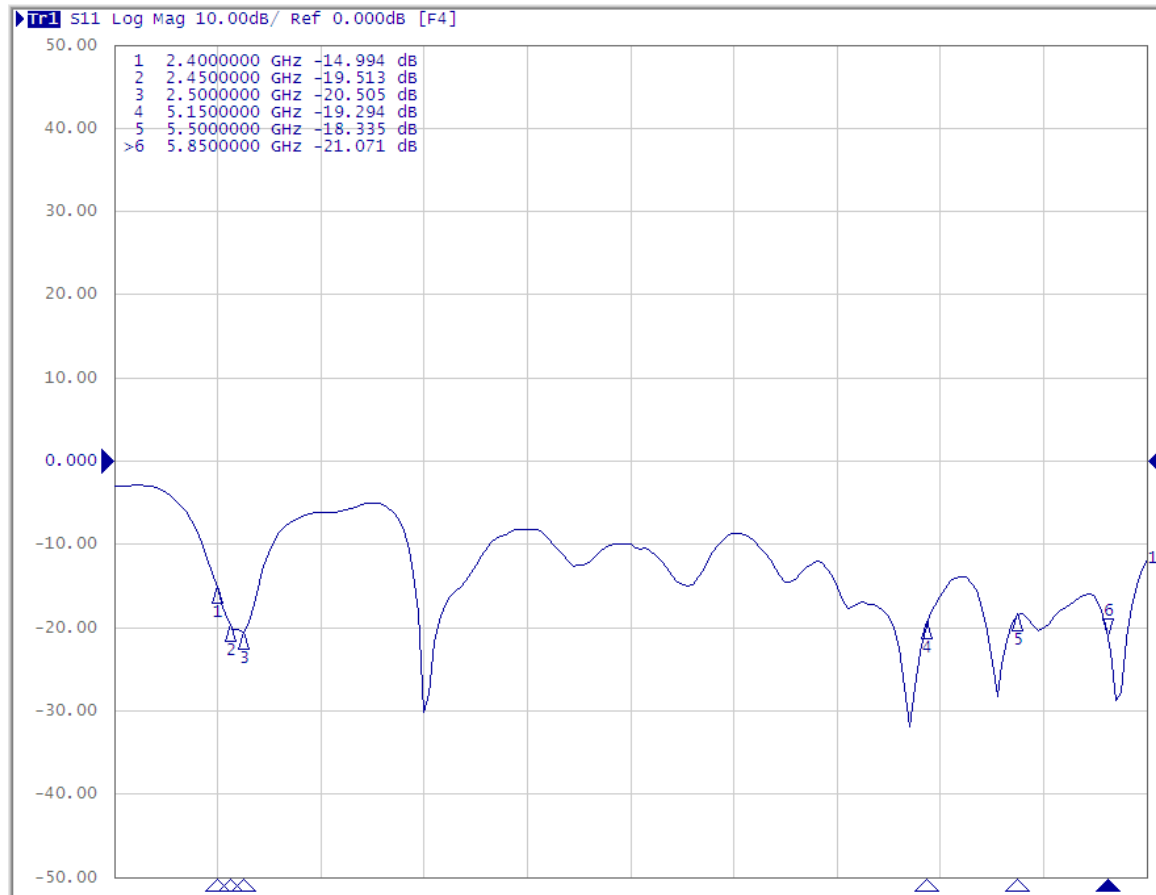
2. Mechanical Dimension



3. Test Data

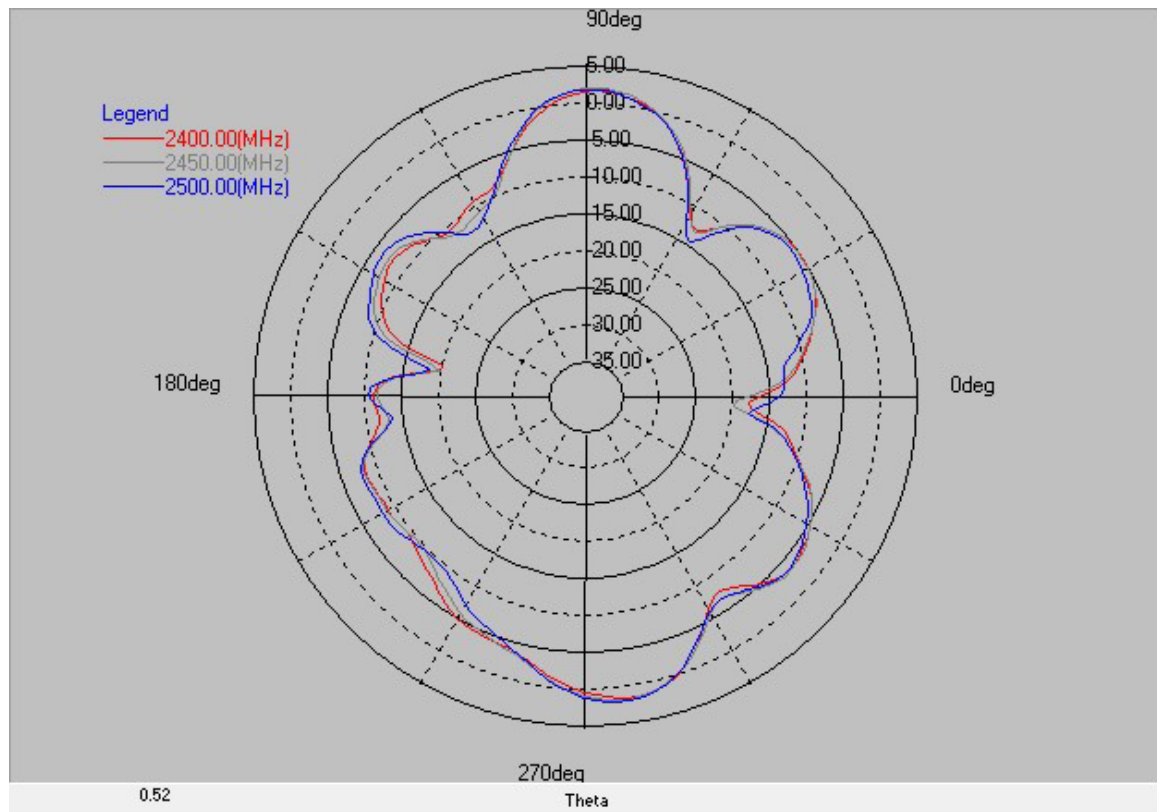
3.1 Electrical Characteristics

S11



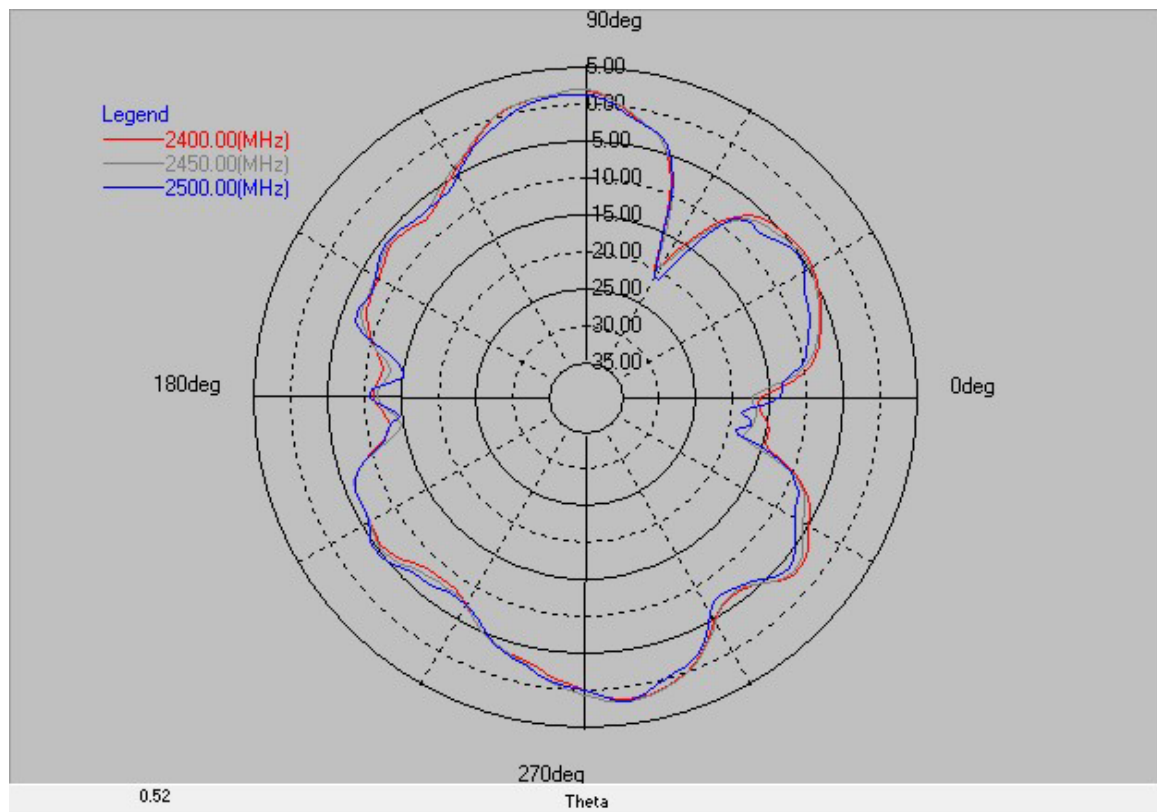
3.3 2D Radiation Patterns

Frequency(MHz) : 2400~2500. Pattern Field : Z-X plane



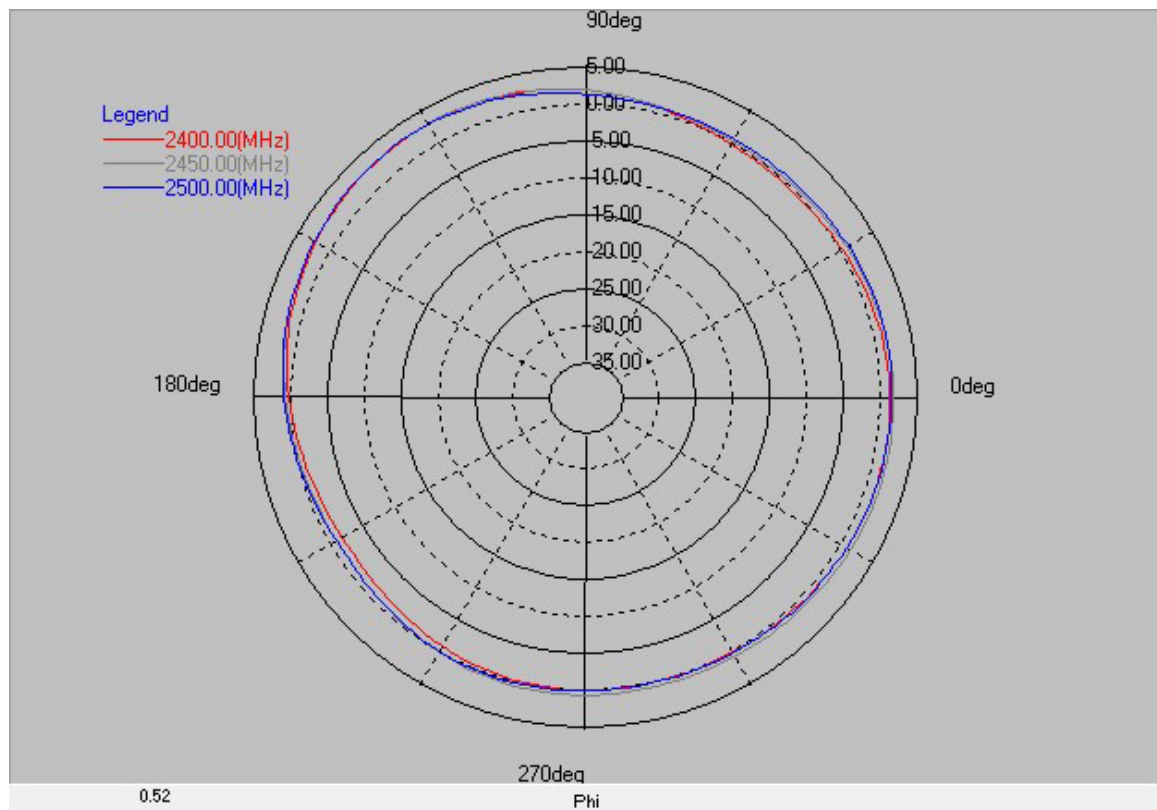
Frequency	Max value	Min value	Average
2400(MHz)	1.46	-20.05	-4.72
2450(MHz)	1.92	-20.07	-4.52
2500(MHz)	1.81	-18.53	-4.62

Frequency(MHz) : **2400~2500.** Pattern Field : **Z-Y plane**



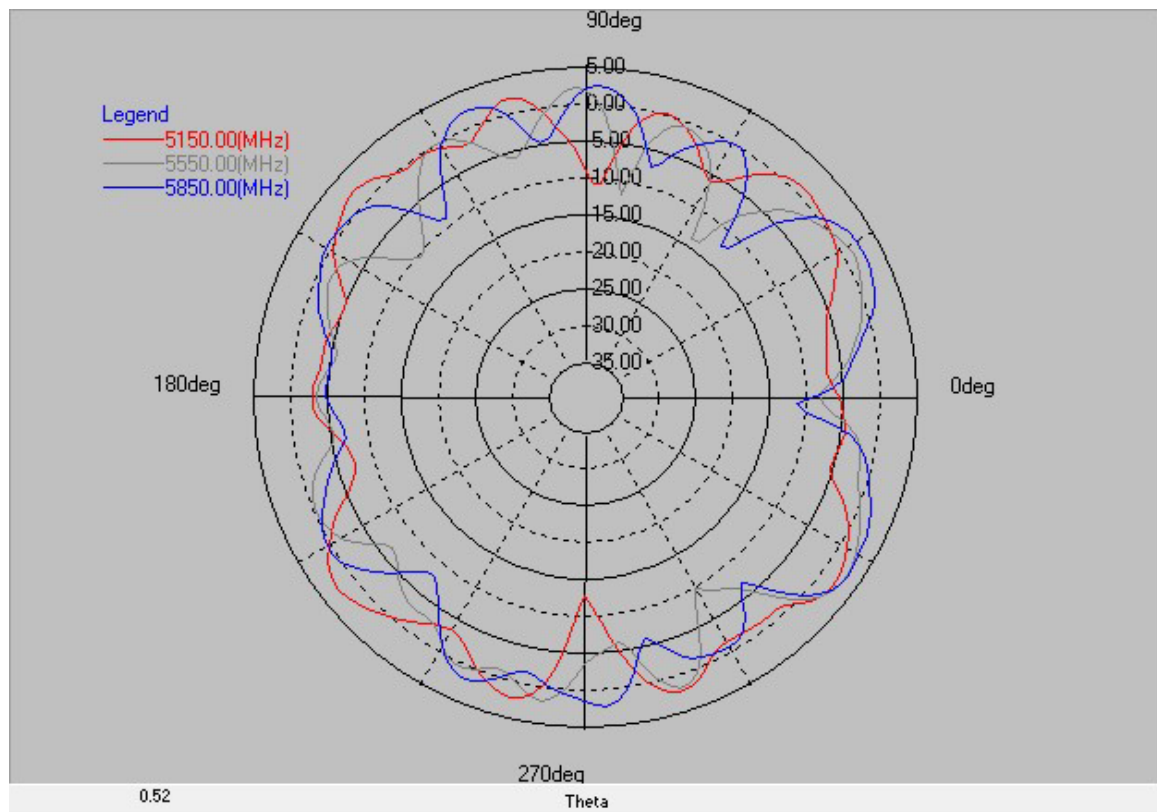
Frequency	Max value	Min value	Average
2400(MHz)	1.72	-20.16	-4.14
2450(MHz)	1.74	-19.65	-4.04
2500(MHz)	1.64	-21.34	-4.50

Frequency(MHz) : **2400~2500.** Pattern Field : **X-Y plane**



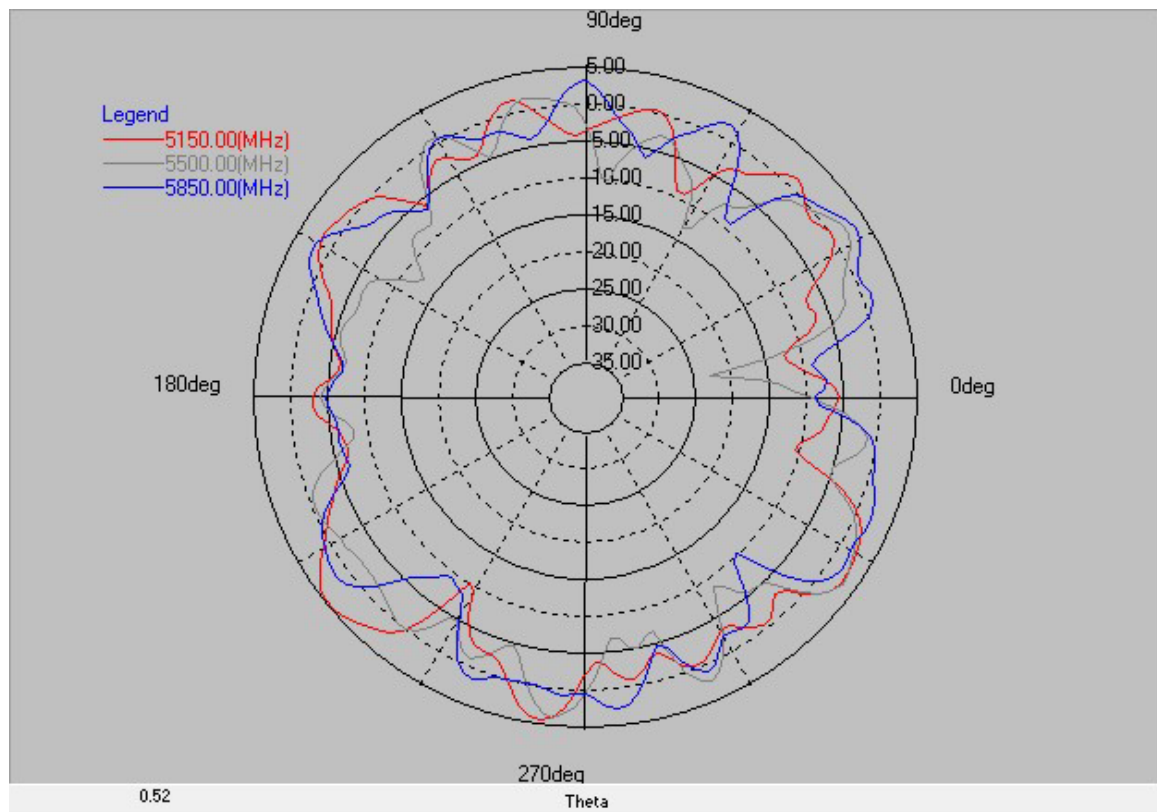
Frequency	Max value	Min value	Average
2400(MHz)	2.76	-1.85	0.73
2450(MHz)	2.87	-0.98	1.15
2500(MHz)	2.87	-0.97	1.02

Frequency(MHz) : **5150~5850**. Pattern Field : **Z-X plane**



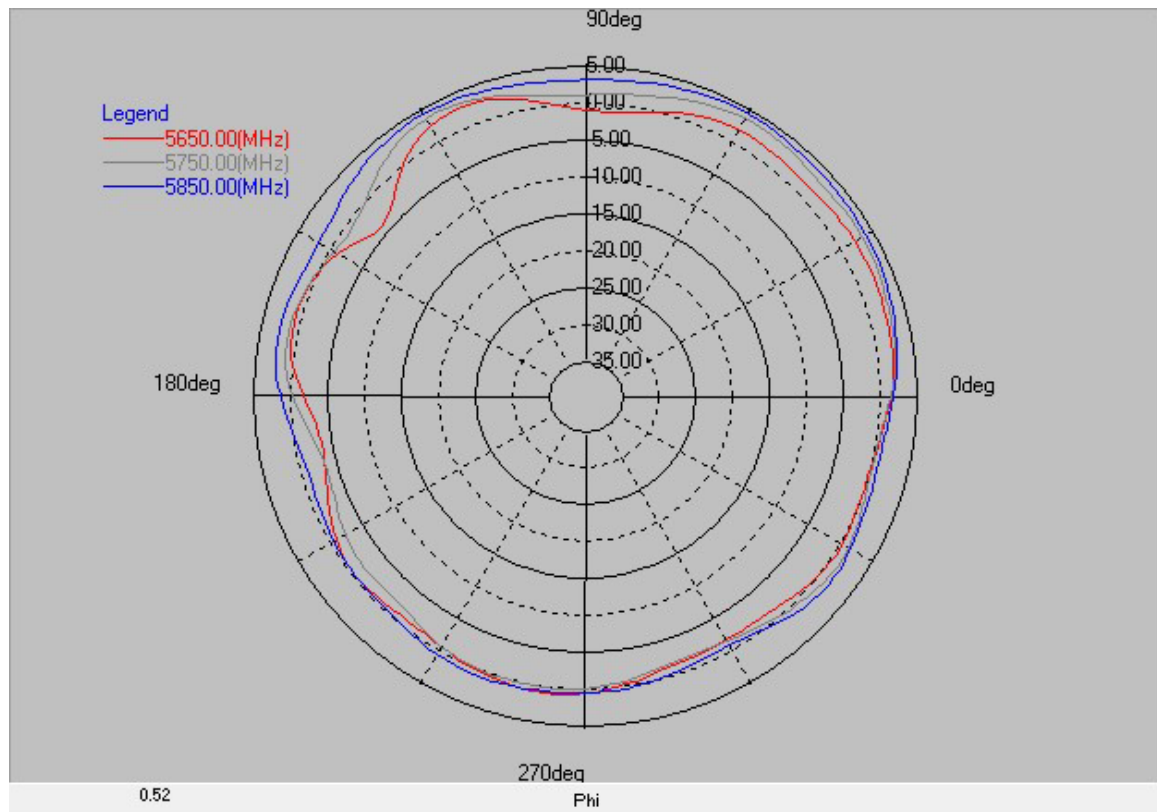
Frequency	Max value	Min value	Average
5150(MHz)	2.43	-13.08	-1.23
5500(MHz)	3.12	-14.09	-1.88
5850(MHz)	3.19	-12.43	-0.96

Frequency(MHz) : **5150~5850**. Pattern Field : **Z-Y plane**



Frequency	Max value	Min value	Average
5150(MHz)	4.84	-12.33	-1.09
5500(MHz)	3.71	-22.76	-2.18
5850(MHz)	3.29	-10.42	-0.96

Frequency(MHz) : **5150~5850.** Pattern Field : **X-Y plane**



Frequency	Max value	Min value	Average
5150(MHz)	2.70	-4.04	0.23
5500(MHz)	3.58	-3.48	0.99
5850(MHz)	4.28	-1.00	2.10

4. Package

產品包裝圖示：

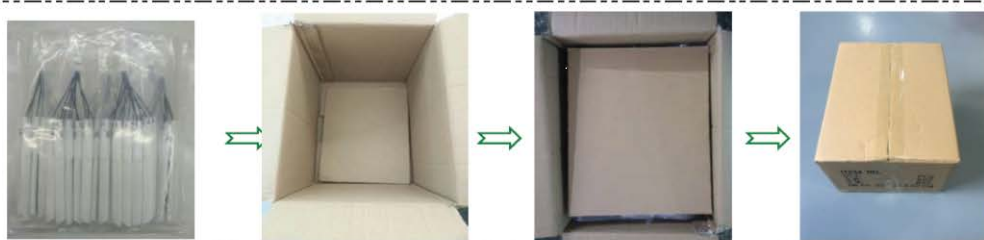
圖示一



圖示二



圖示三



產品包裝說明：

1. 將每10PCS產品使用珍珠棉將IPEX端用橡皮筋包扎，然後裝入PE袋中，每PE袋裝5扎，共裝50PCS封口。(如圖示一)
2. 將卡板放入外箱中(如圖示二)
3. 將裝好的成品(如圖示三)放入外箱中，每箱放500pcs產品，上下各放1片卡板。
4. 包裝材料規格

4.1 PE袋品號：PE953405	規格:長360*寬250*厚度0.05mm
4.3卡板品號：KB332425	規格: 長350*寬235*高25mm
4.3 外箱品號：ZX362628	規格: 長360*寬260*高280mm
5. 產品標籤需貼到最小包裝 標籤粘貼方式參考（參照出貨標籤粘貼SOP）