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C&D ELECTRONICS

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Product Specification

Change history

Version	Date	Description	Author
V1.0	2023.7.2		

1.Product summary

Part Name	2.4G Inverted F antenna (PIFA)
Part No.	CND_ANT005
Manufacturer	C&D Electronics CO.Ltd.
Application	2.4 GHz WLAN, ...

2.Product feature

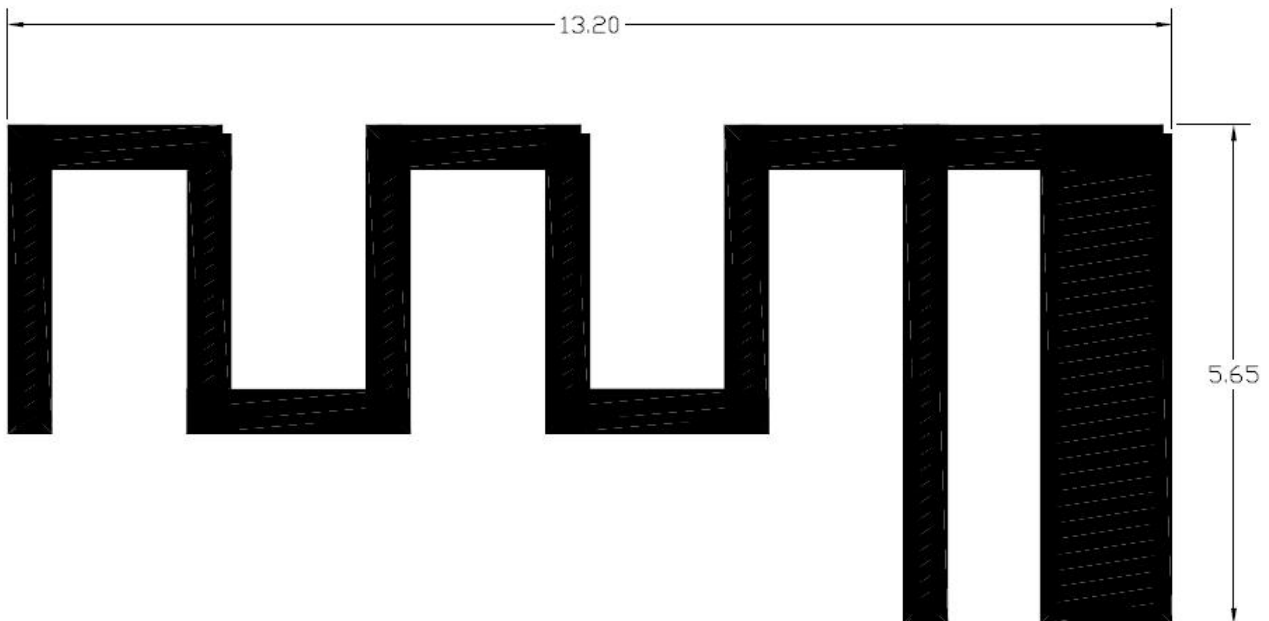
2.1 Electrical Specifications

ITEM	SPEC	UNIT
Frequency	2400-2500	MHZ
Gain	1.18(MAX)	DBi
S.W.R	≤ 2	
Antenna type	PIFA	
Impedance	55.6	Ω

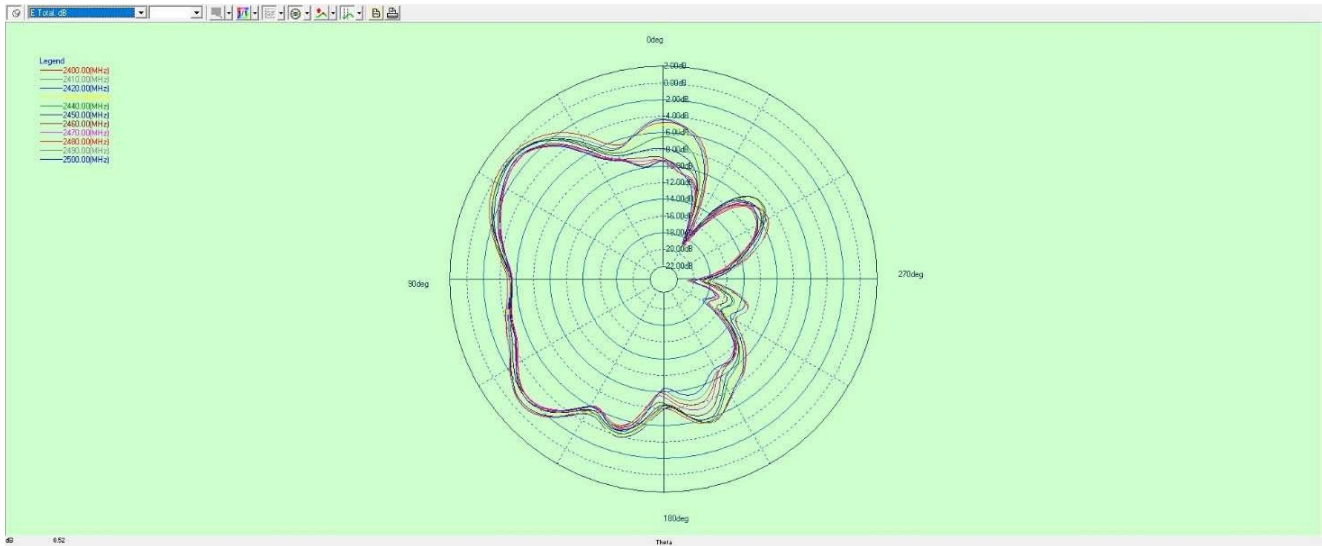
2.2 Mechanical Specification

ITEM	SPEC	UNIT
Size	13.2*5.65	mm
Radiator material	Brass(Goldcoating)	
Operation Temperature	-20---+65	$^{\circ}\text{C}$

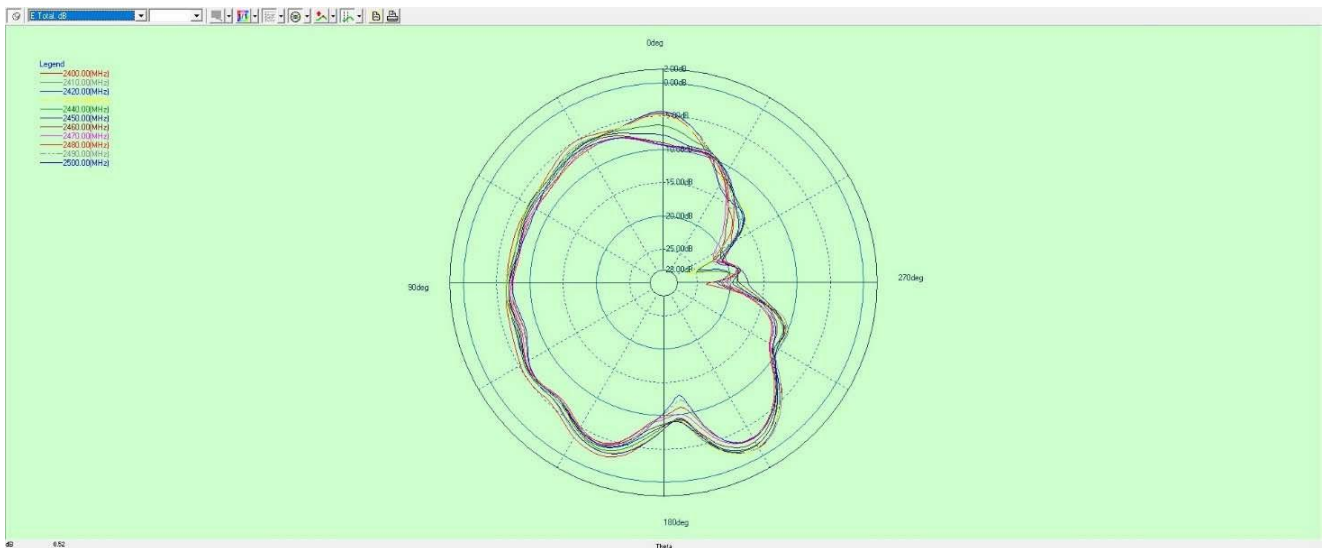
2.3 Appearance and Dimensions



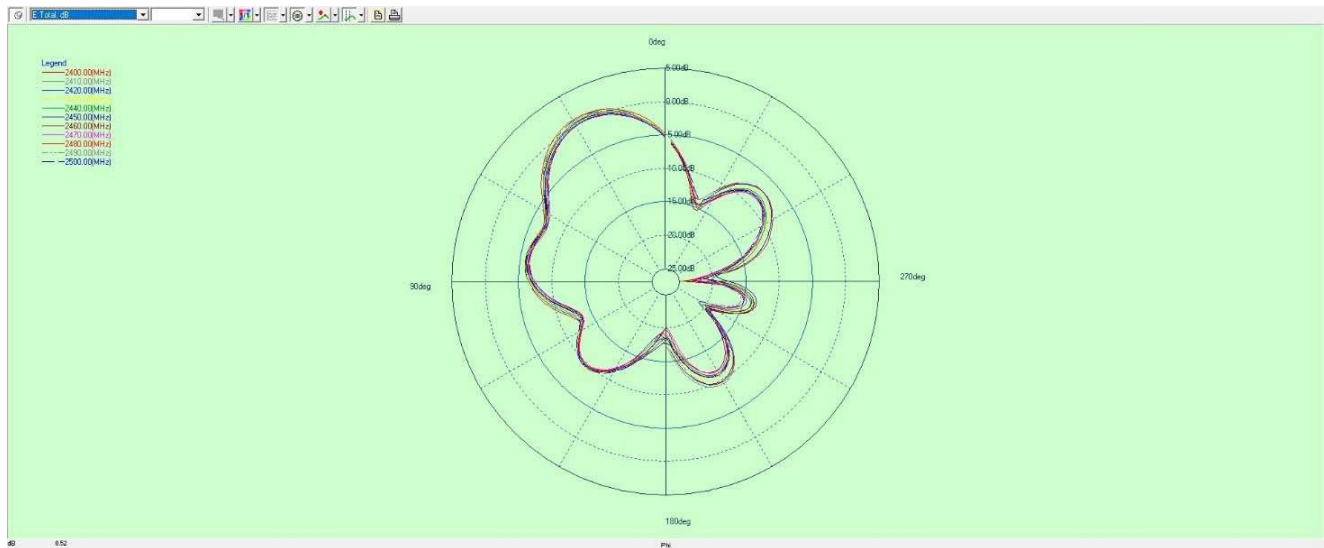
3. MEASUREMENT



PHI=0



PHI=90



THETA=90

Freq.[MHZ]	Gain[dBi]	Test institute
2403	1.18	C&D
2440	0.89	C&D
2480	0.16	C&D