

品名：RFPCA262611IMAB301

1. Explanation of part number：

RF	PCA	2626	11	I	M	A	B	3	01
Type Code	Product Code	Dipole Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project
RF Device	PCB Antenna	Per 2 digits of length, width e.g.: 2626 Length 26.5mm, Width 26.0mm	2 digits for cable length e.g.: 11 Cable Length:11.0cm	A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None	A: Reverse Female B: Reverse Male F: Female M: Male N: None	0: 0GHz 3: 3GHz 5: 5 GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band G: GPS band L: 2.4/5.2/5.8 GHz tri-band N: NFC T:LTE band W: WCDMA band	B: MP T:During Test X: Pile Run	0:None 1:Ø0.81 3:Ø1.13 6:RG316 7:Ø1.37 8:RG178	01~99 series number

2. Electrical Specification：

Item	Specification
Working Frequency Range	2.4 ~ 2.5 GHz
Return Loss	-10dB(Max)
Peak Gain	2.79 dBi
Polarization	Linear Vertical
Radiation Pattern	Directional
Impedance	50Ω

UNLESS OTHER SPECIFIED TOLERANCES ON :
X = N/A X.X = N/A X.XX = N/A
ANGLES = N/A HOLEDIA = N/A



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SCALE：N/A

UNIT：mm

DRAWN BY：劉采璇

CHECKED BY：詹惠雯

DESIGNED BY：林育帆

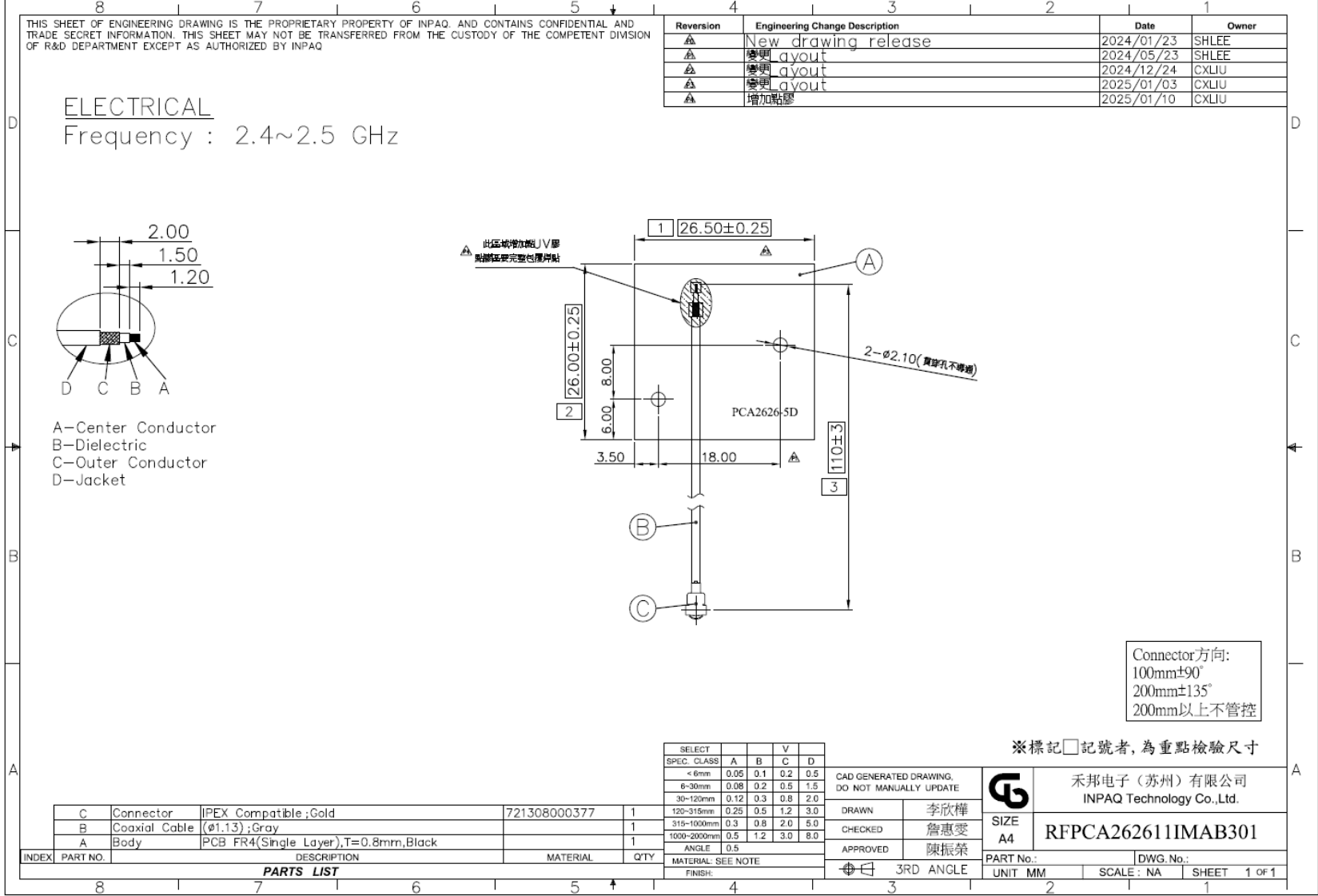
APPROVED BY：陳振榮

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3. Antenna Drawing :



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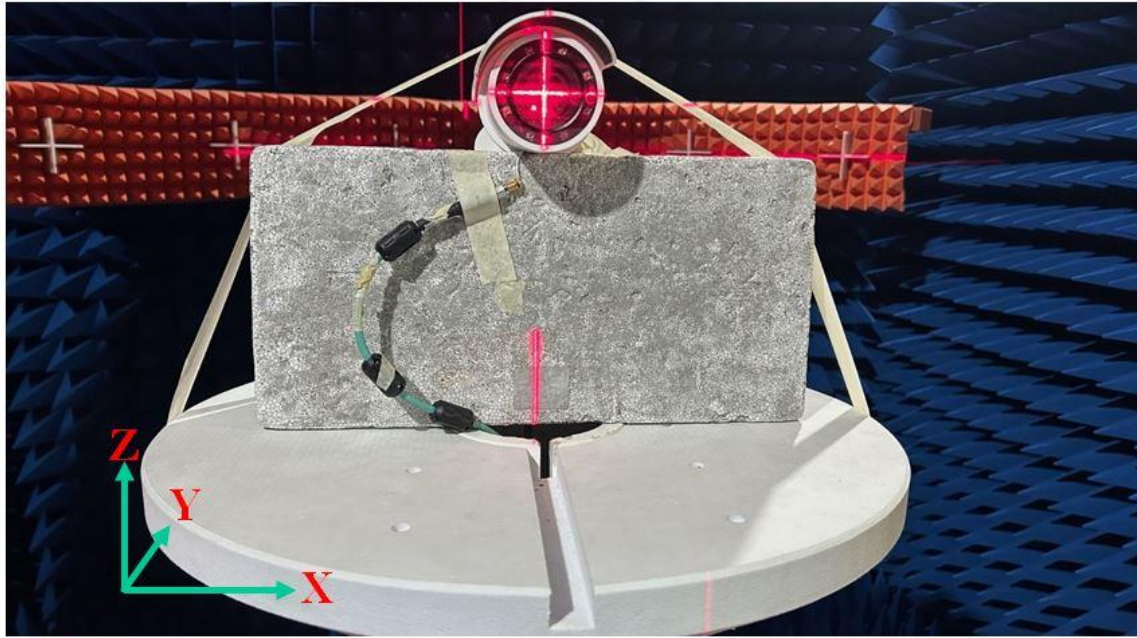
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4. Performance Report :

Test Report**Experimental Setup**

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DESIGNED BY : 林育帆	APPROVED BY : 陳振榮	
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Antenna Solution Detail



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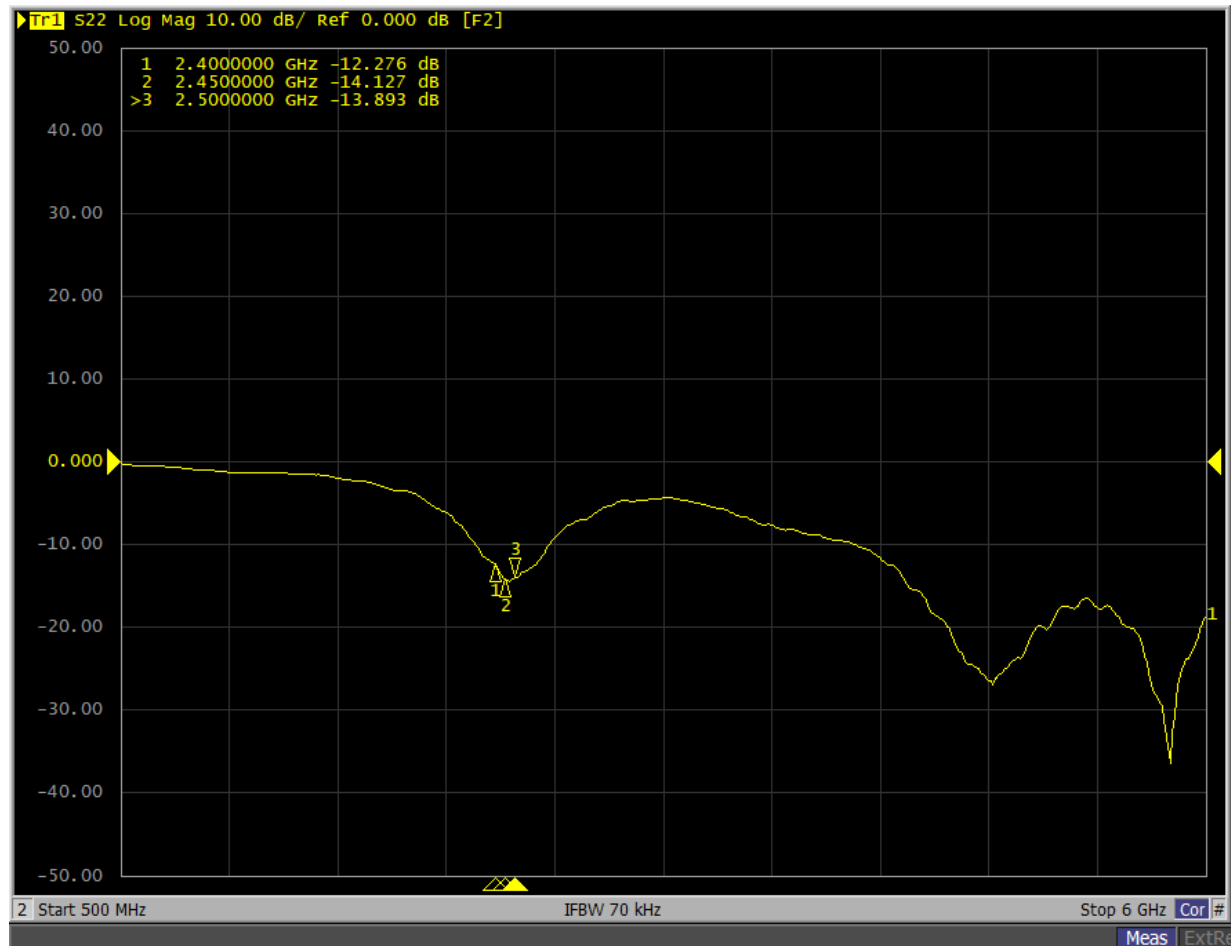
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ELECTRICAL CHARACTERISTICS

Return Loss



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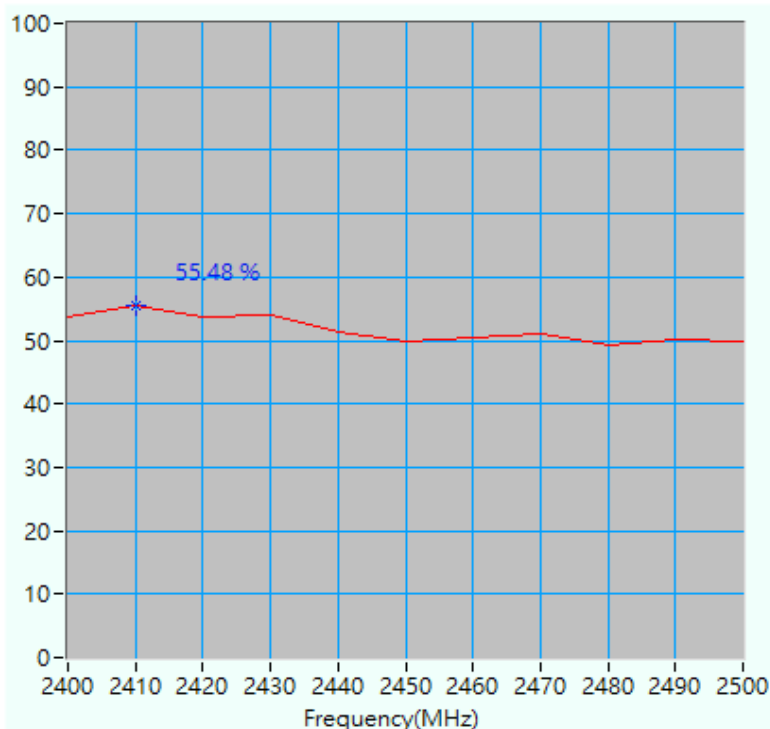
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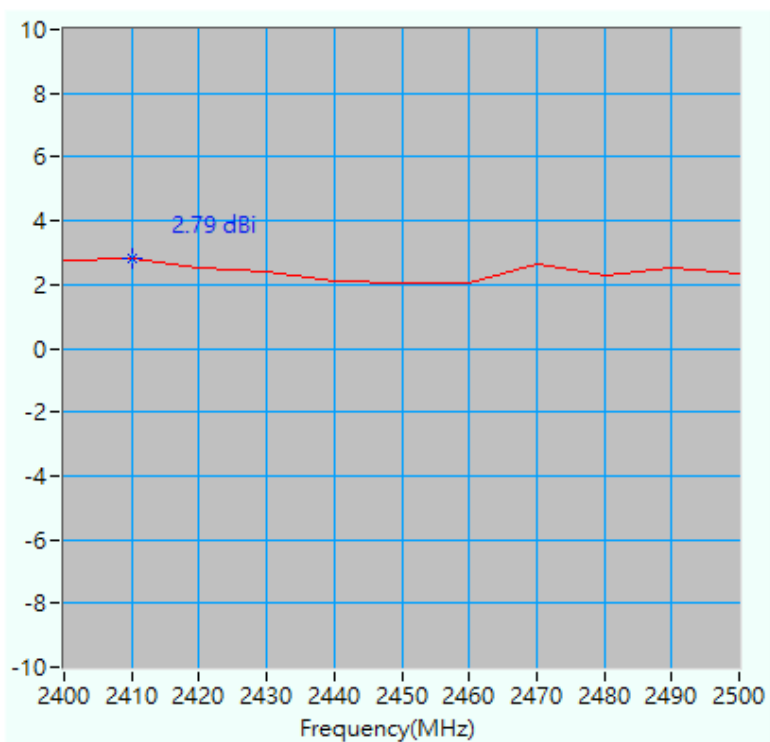
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Antenna Efficiency and Peak Gain



Maximum Efficiency at 5200 MHz : 55.48 %



Maximum Peak Gain at 2470 MHz : 2.79 dBi

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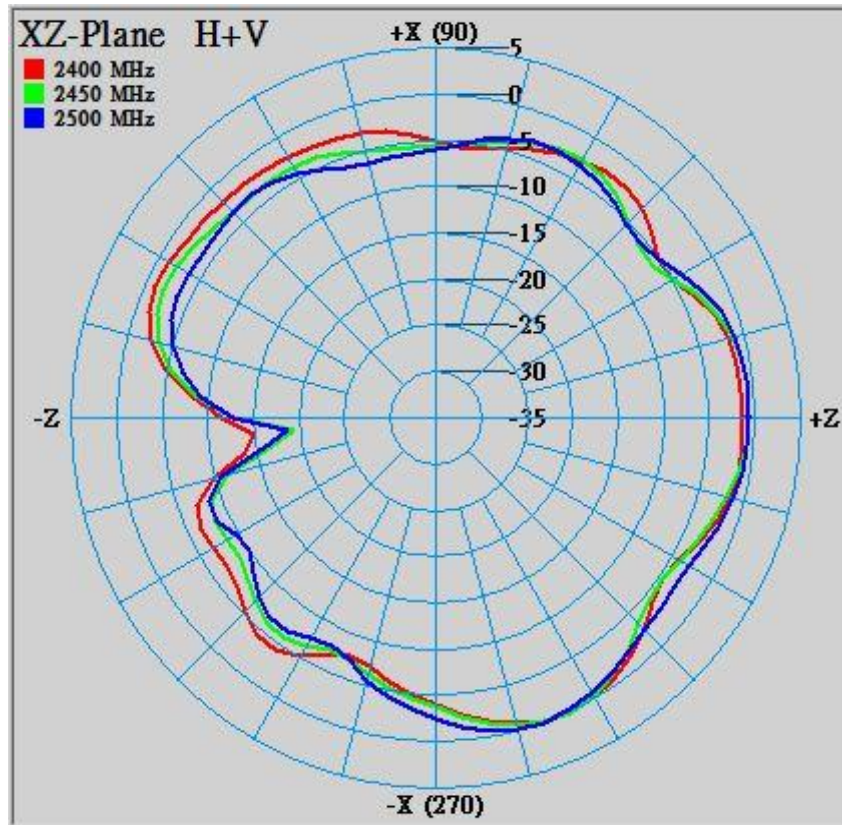
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2D Radiation Patterns

Phi=0.00deg

Gain . dB



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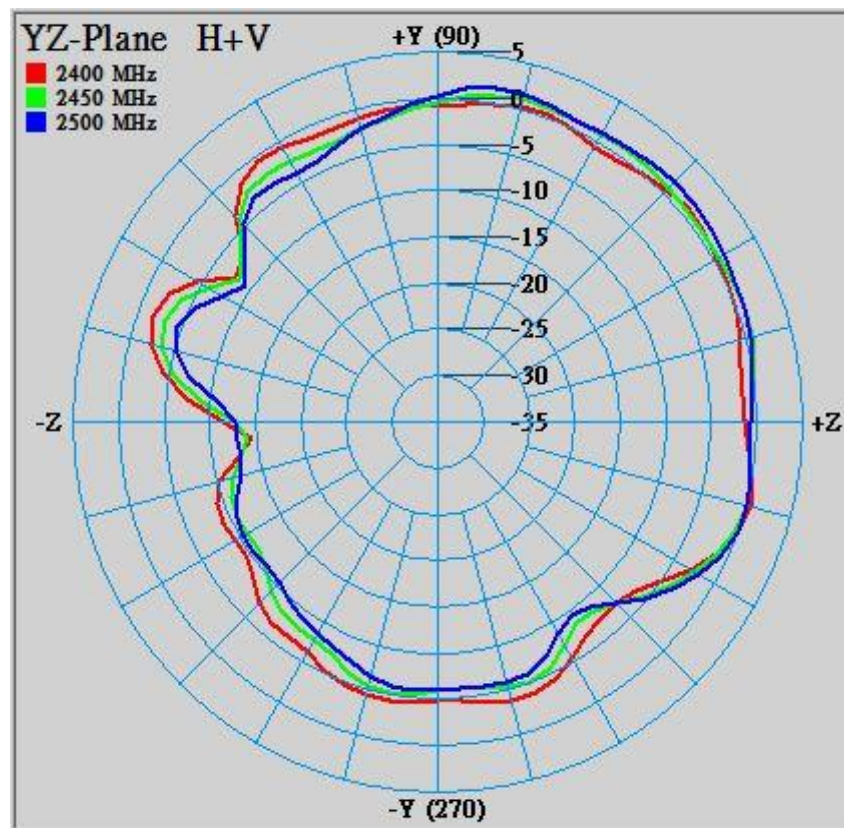
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Phi=90.00deg

Gain . dB



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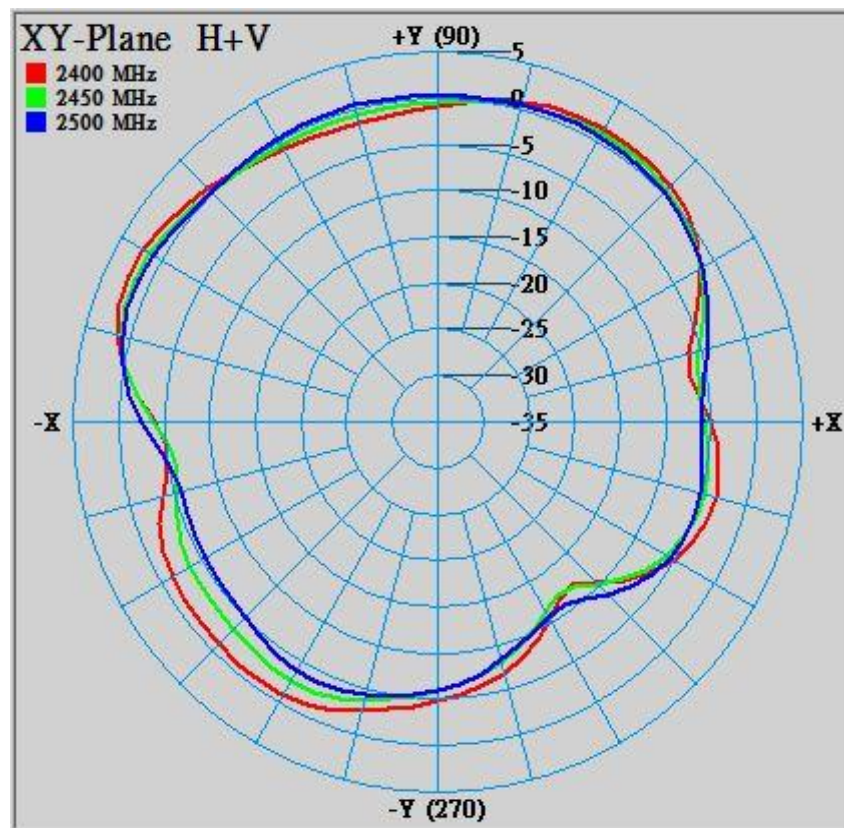
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Theta=90.00deg

Gain . dB



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