

Antenna Test Report

Customer Name: Granwin IoT Technology (Guangzhou) Co., Ltd.

CUSTOMER NAME: Granwin IoT Technology (Guangzhou) Co.,Ltd

Product Name: GY-BT2G

PRODUCT NAME: GY-BT2G

Customer P/N: GY-BT2G

CUSTOMER P/N: GY-BT2G

Manufacturer: Granwin IoT Technology (Guangzhou) Co., Ltd.

Manufacturer: Granwin IoT Technology (Guangzhou) Co.,Ltd



Shenzhen CST Testing Co., Ltd

Room 530、531, Block A, Huafeng Internet Creative Park, No. 107 Gonghe Industrial Road, Xixiang

Street, Baoan District, Shenzhen, China. 518101

Telephone: 0755-27907627

Fax: 0755-27907627

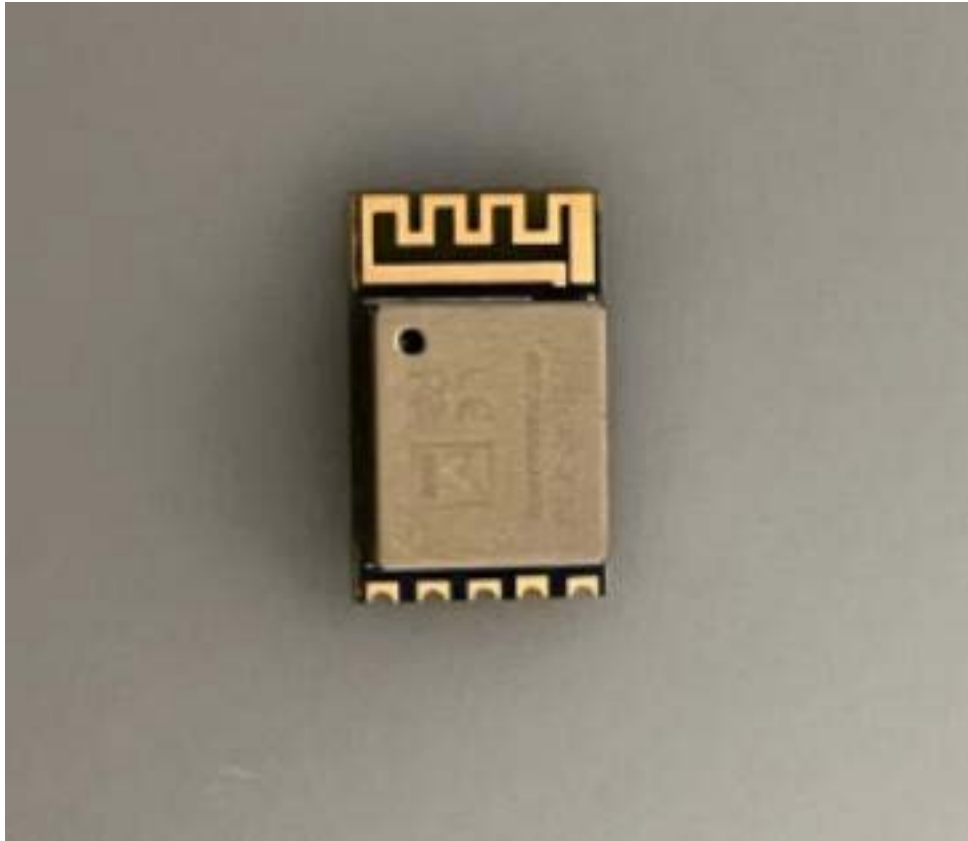
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1. Specification Table

Product Main Technical Parameters

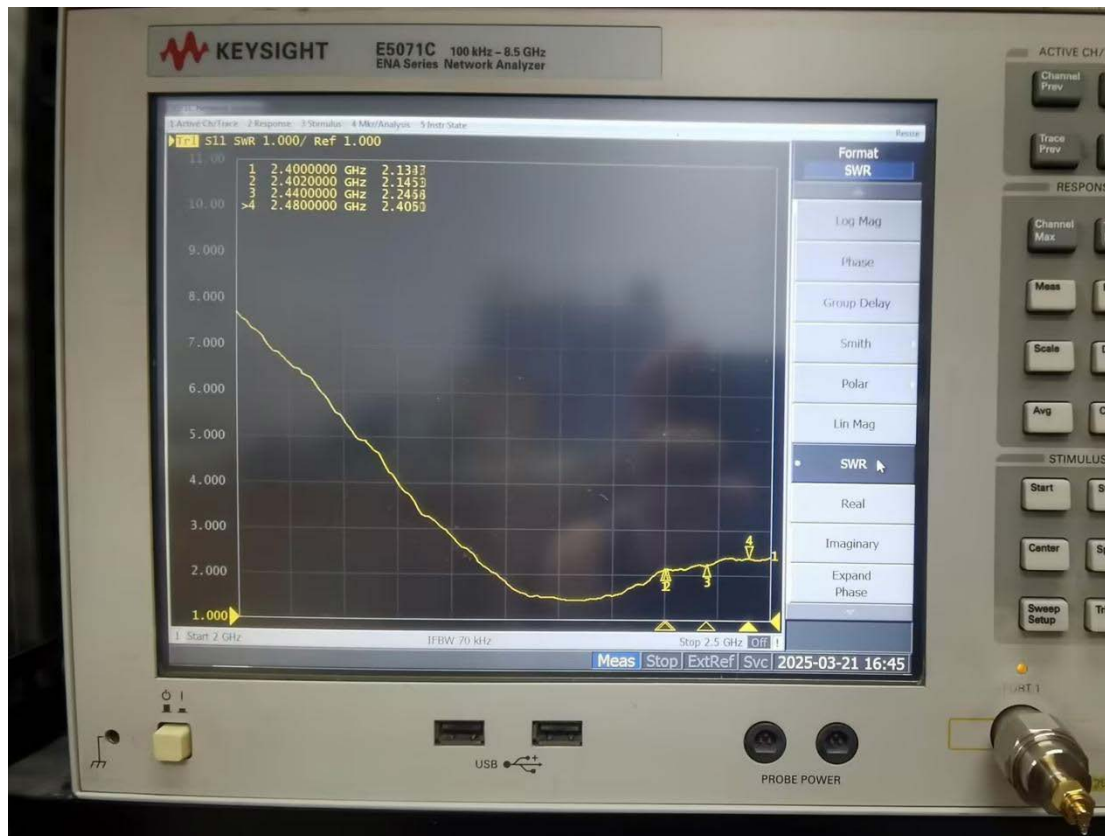
Main Technical Specifications		Main technical specifications	
Frequency Range	2.4~2.5GHz	Frequency Range (MHz)	2.4~2.5GHz
Impedance (Ω)	50	Impedance(Ω)	50
Peak Gain (dBi)	0dBi	Peak Gain(dBi)	0dBi
VSWR	≤2.40	VSWR	≤2.40
Admitted Power	-	Admitted Power	-
Polarization	Linear, Vertical	Polarization	Linear,Vertical
Radiation	Omni-directional	Radiation	Omni-directional
Connector Type	SMA	Connector Type	SMA

2. Product Photo



3. Test Report

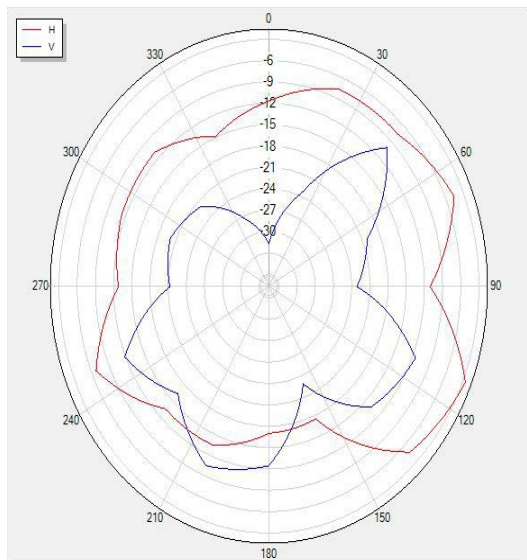
VSWR



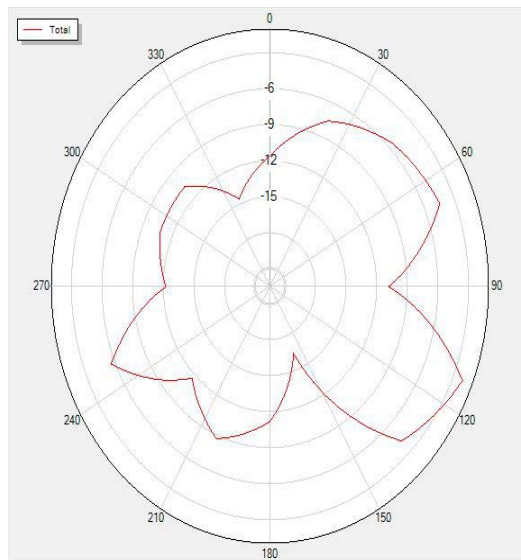
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-7.32999	18.49273%	-1.20553
2410	-7.18542	19.11868%	-0.94505
2420	-7.12792	19.37348%	-0.73896
2430	-7.13559	19.33929%	-0.65863
2440	-6.91866	20.32985%	-0.34065
2450	-6.83394	20.73033%	-0.26785
2460	-6.73728	21.19688%	-0.19208
2470	-6.71746	21.29382%	-0.16145
2480	-6.65285	21.61299%	-0.17219
2490	-6.58922	21.93197%	-0.09976
2500	-6.48774	22.45049%	0.00327

4. Radiation Pattern

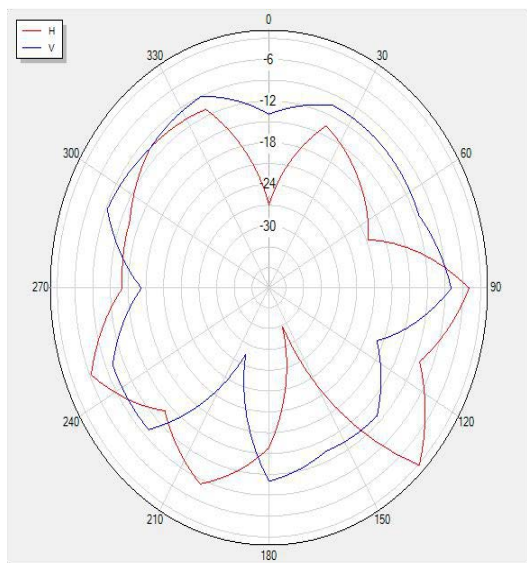
2400P0 Polar



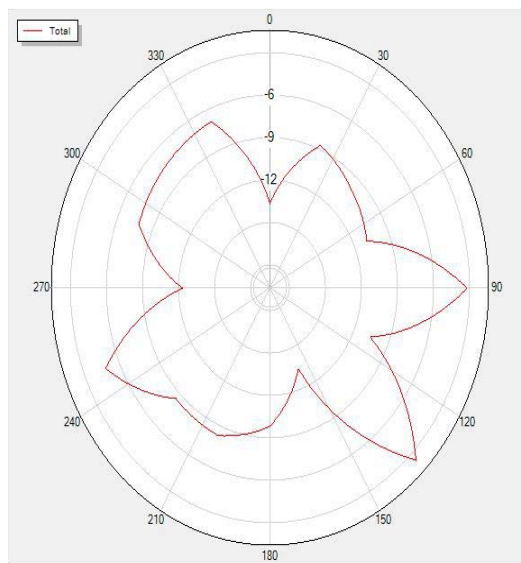
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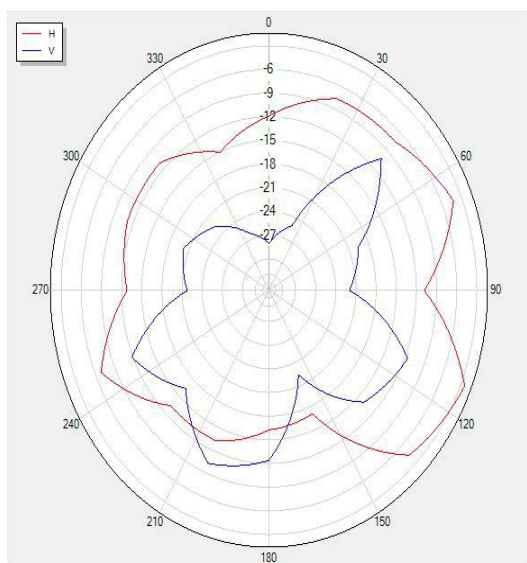
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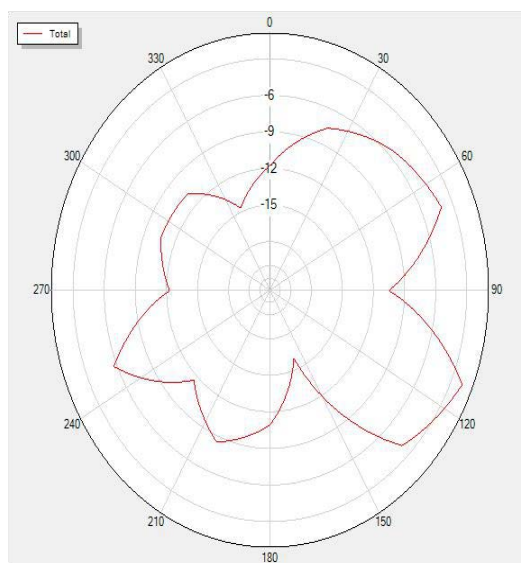
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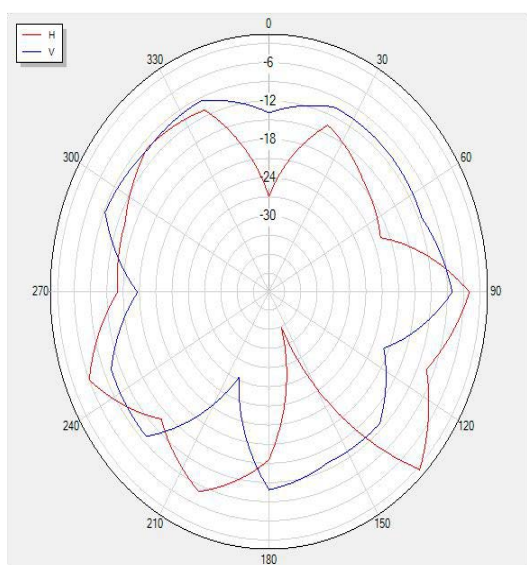
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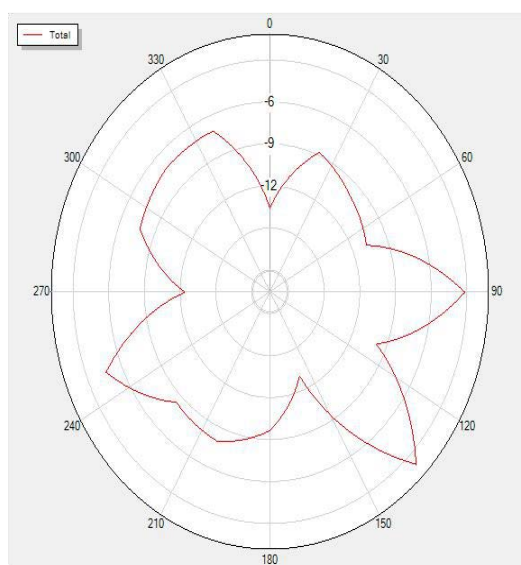
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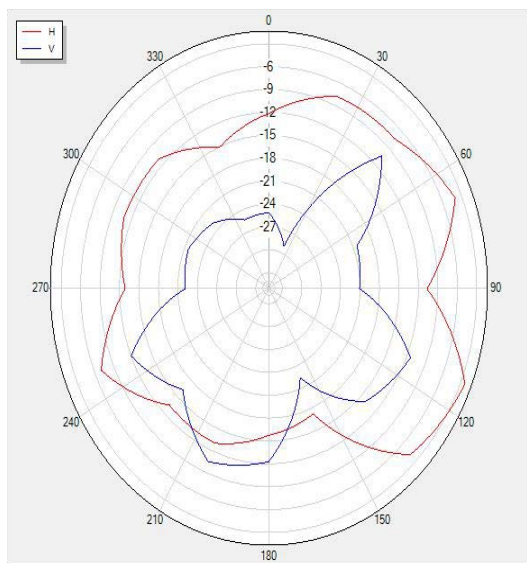
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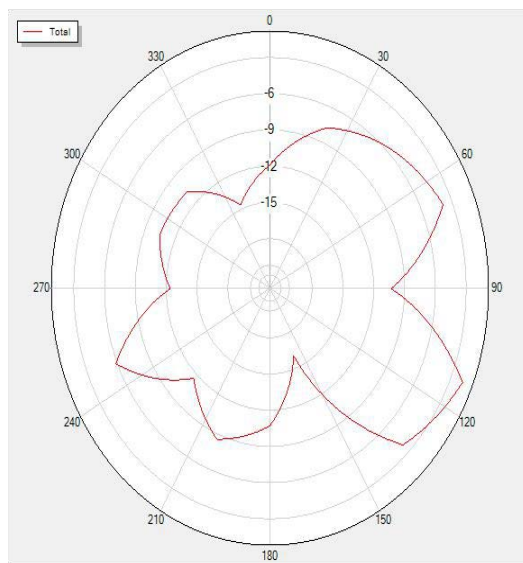
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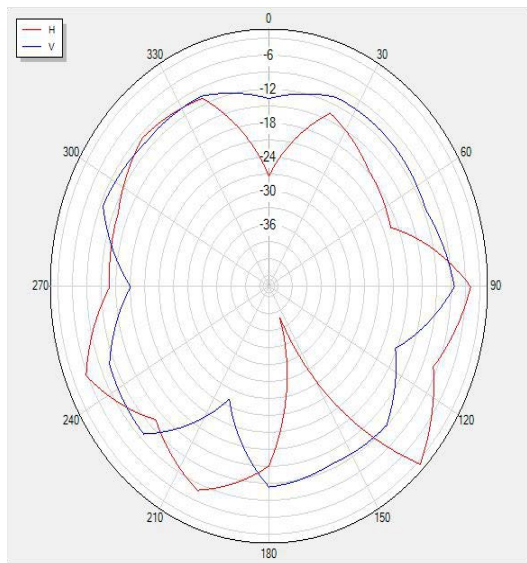
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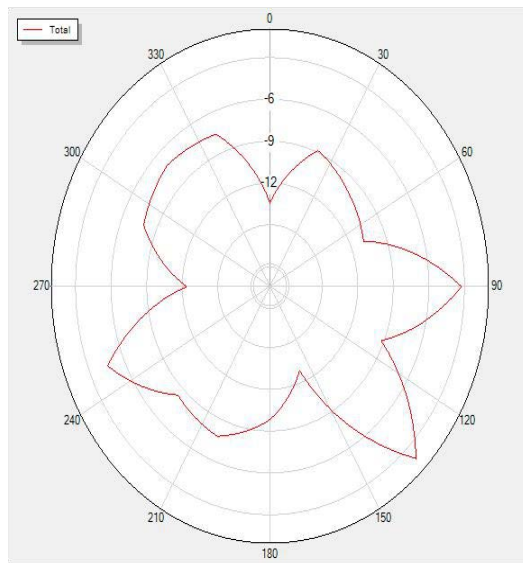
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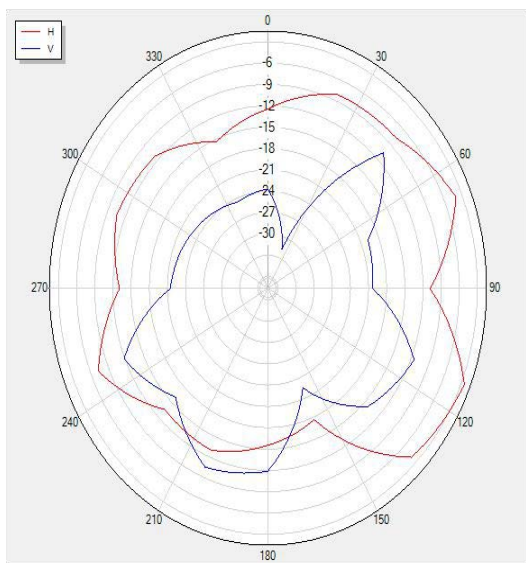
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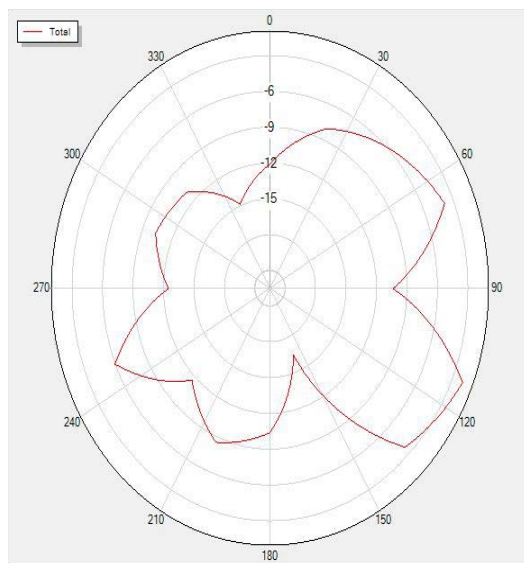
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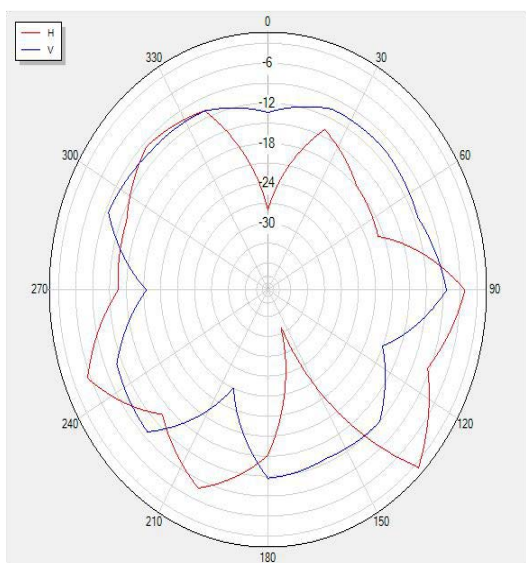
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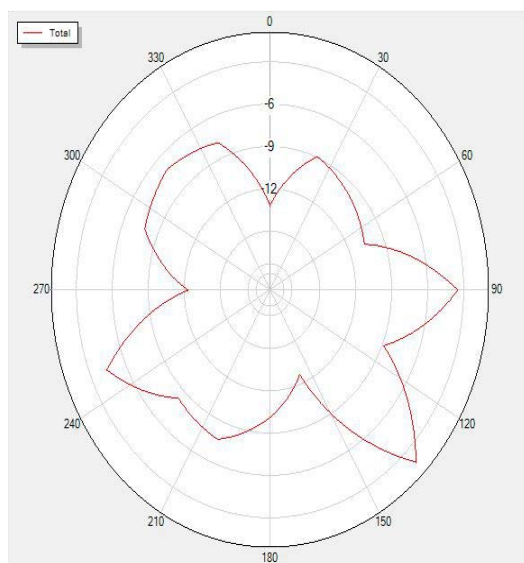
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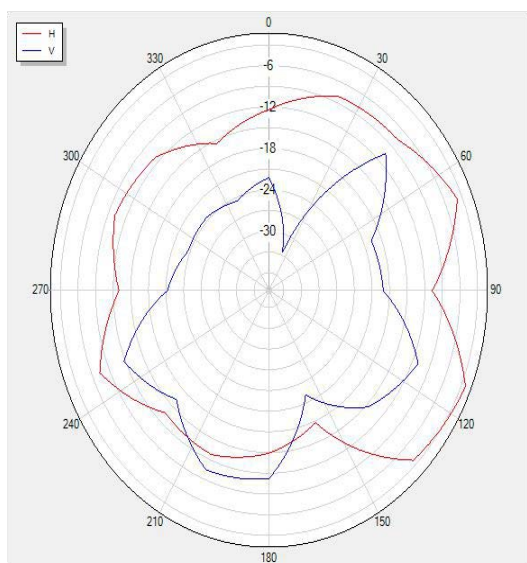
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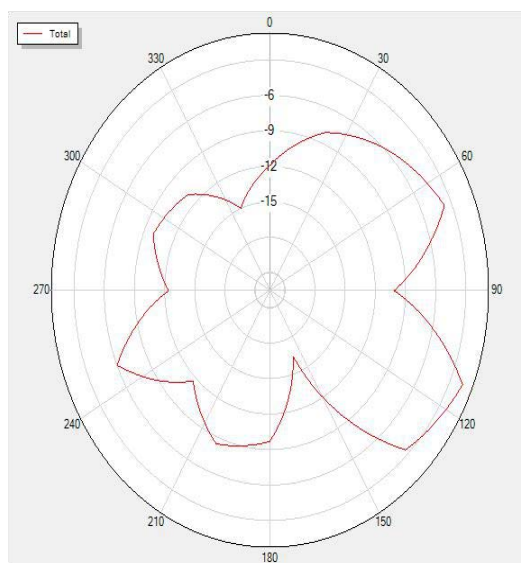
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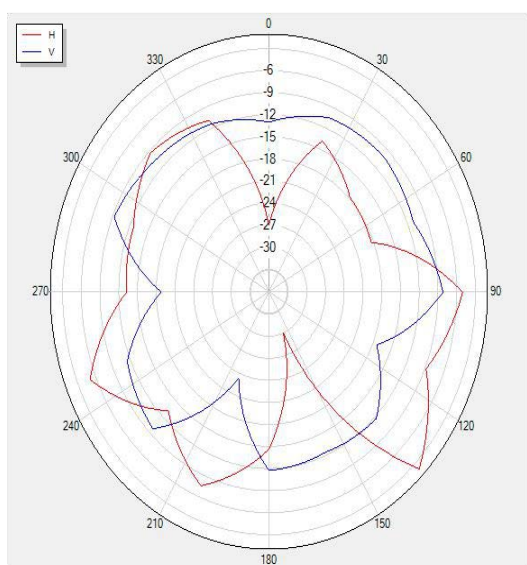
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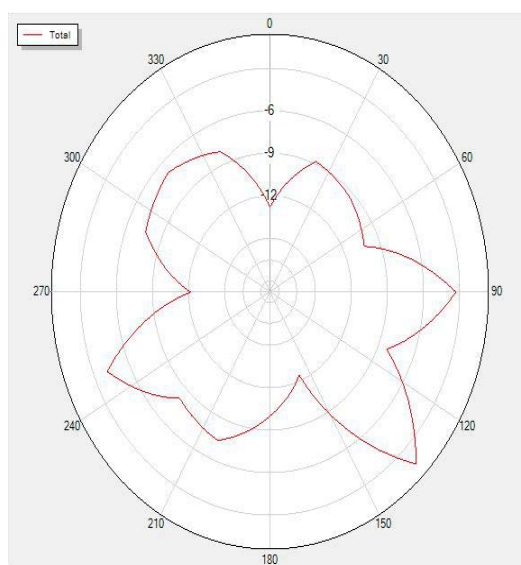
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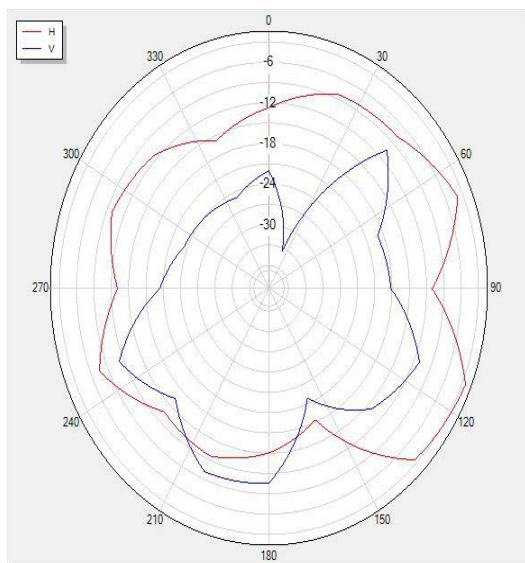
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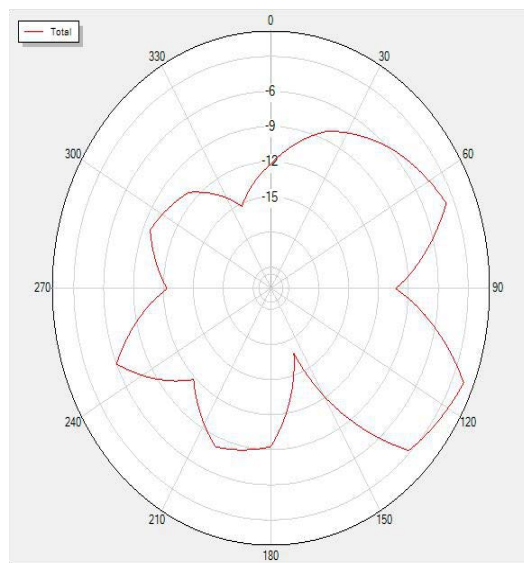
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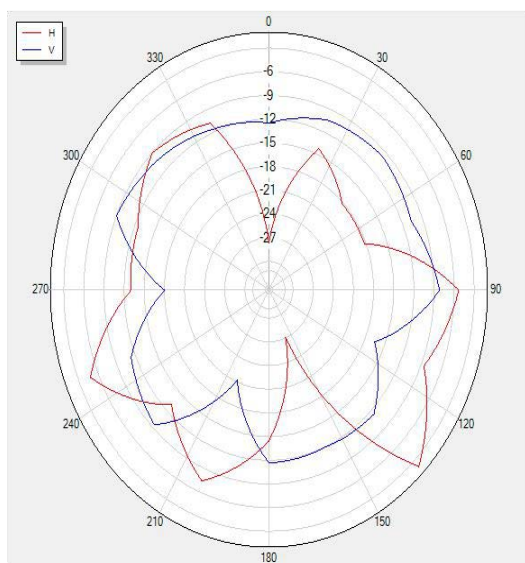
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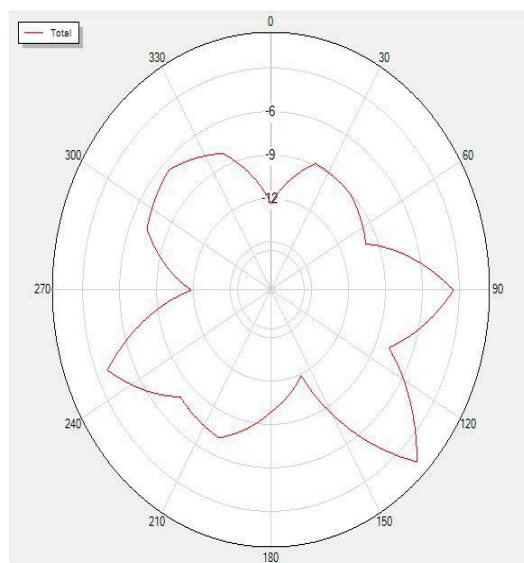
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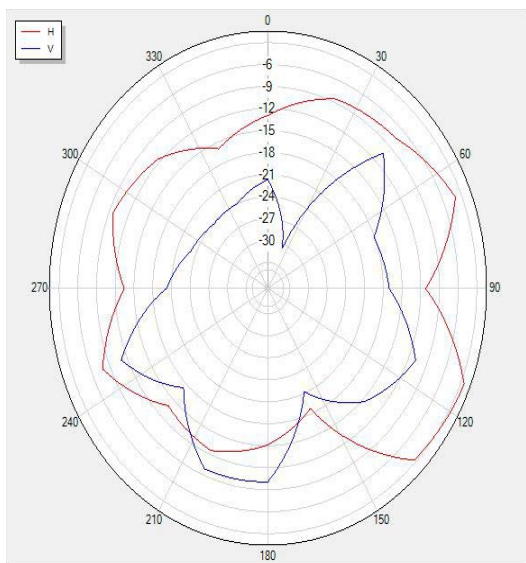
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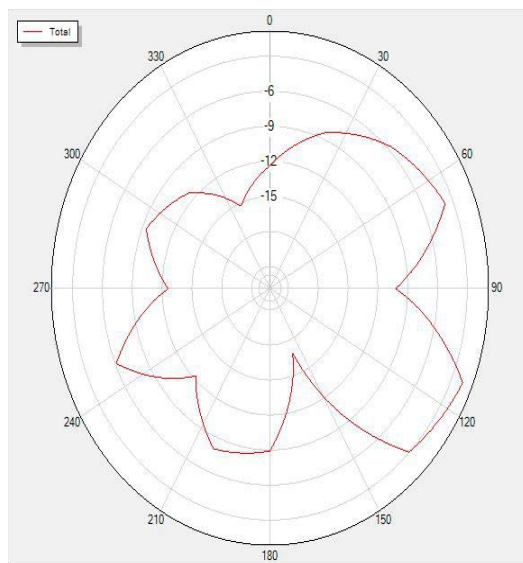
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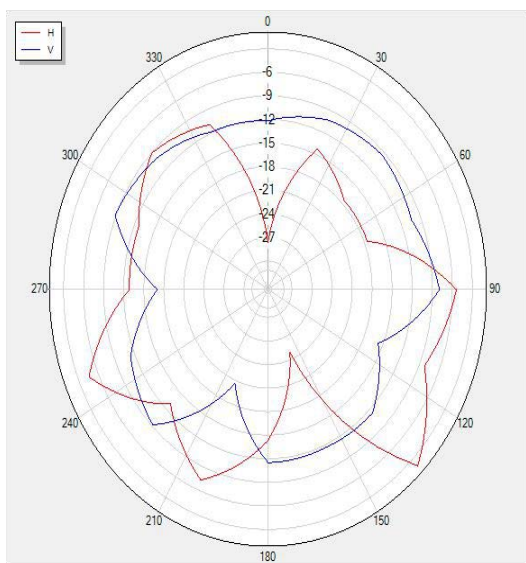
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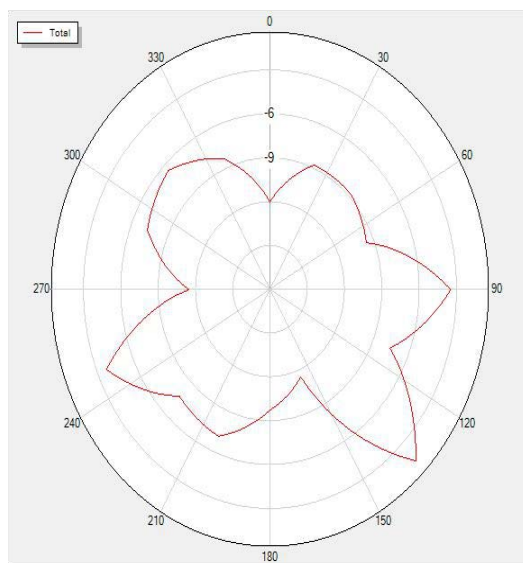
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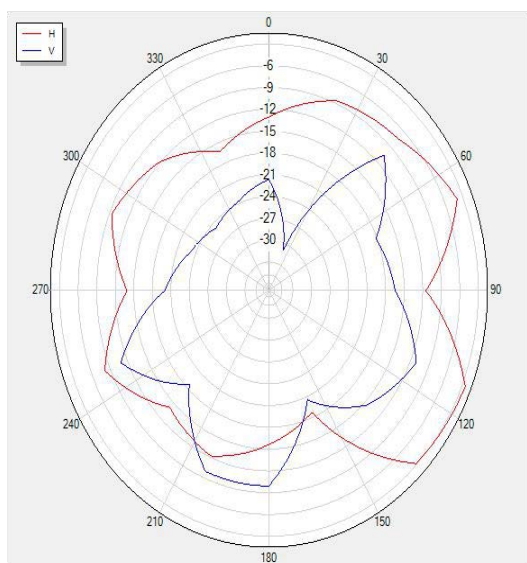
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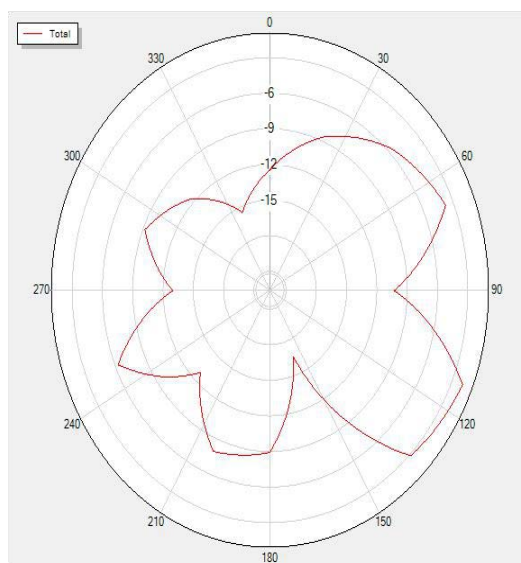
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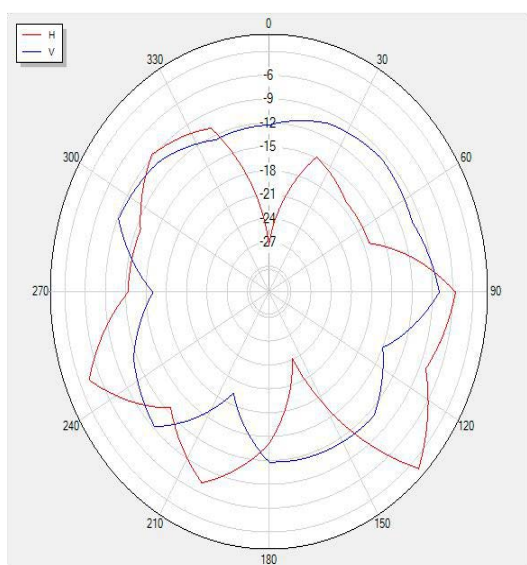
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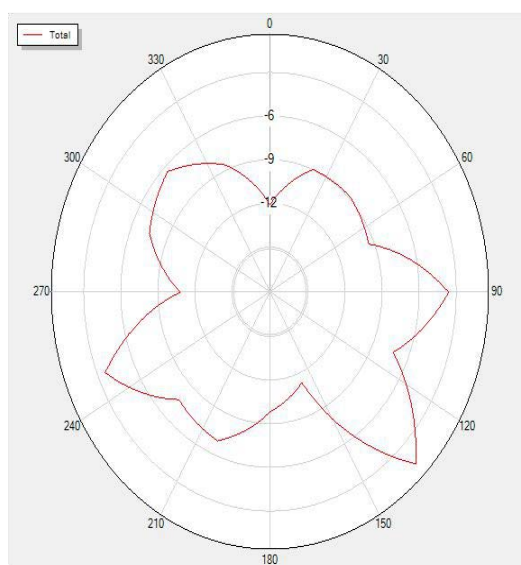
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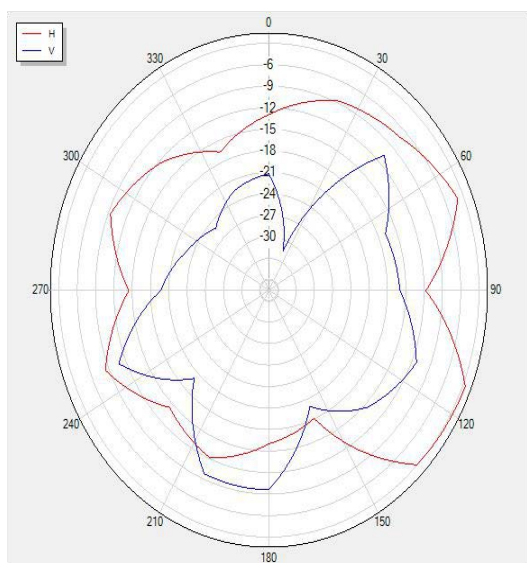
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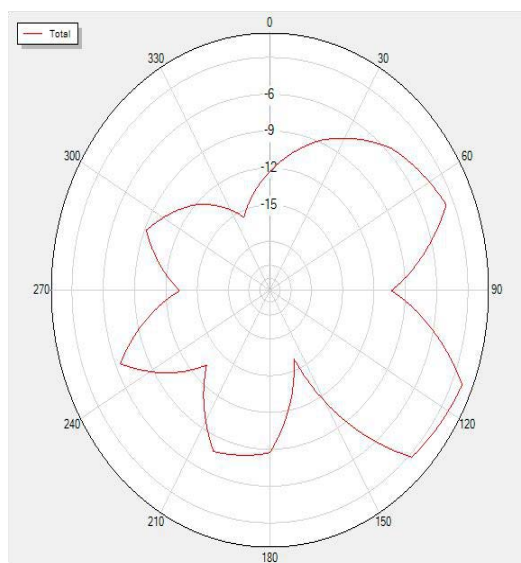
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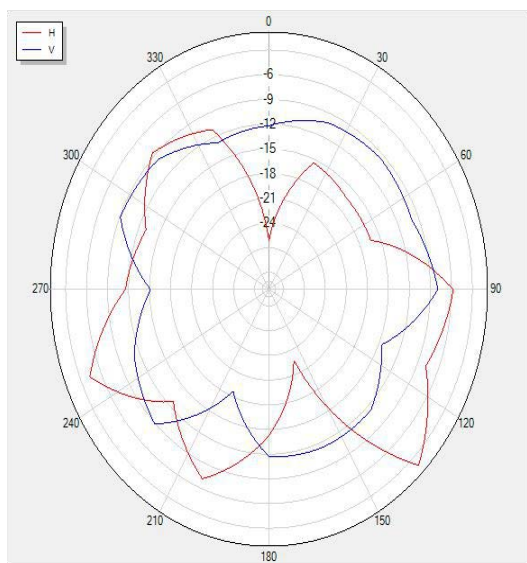
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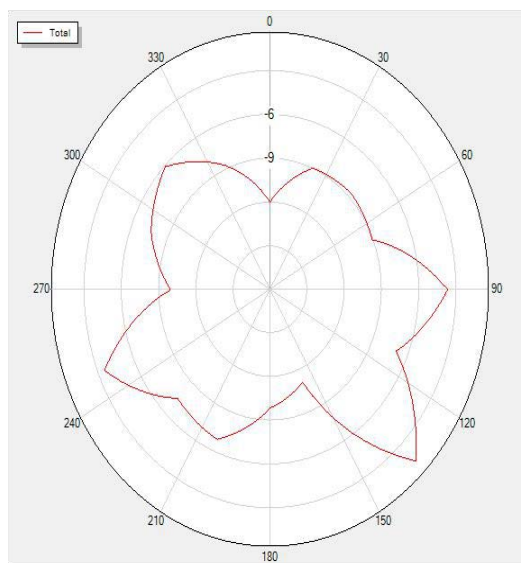
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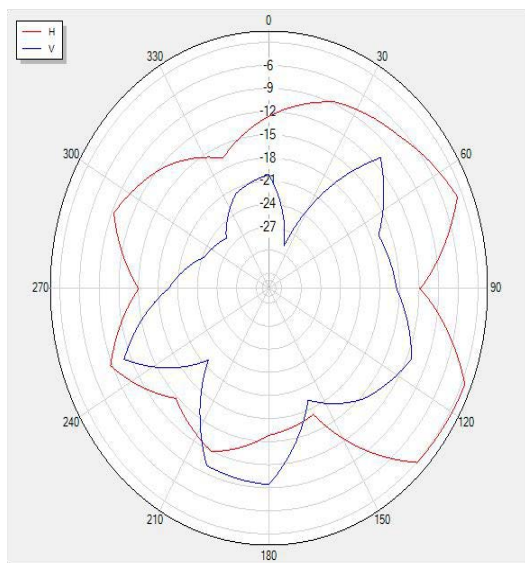
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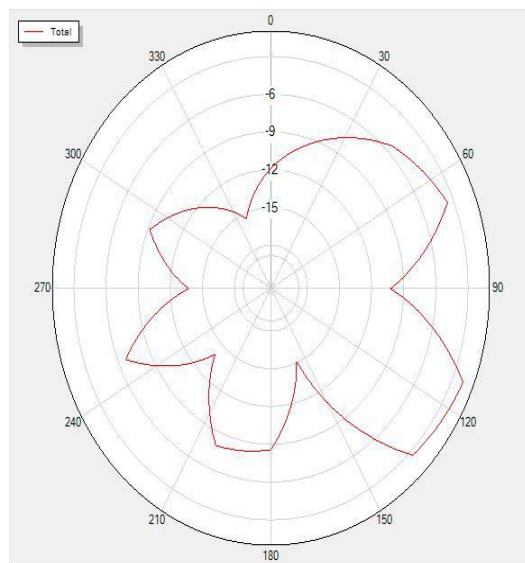
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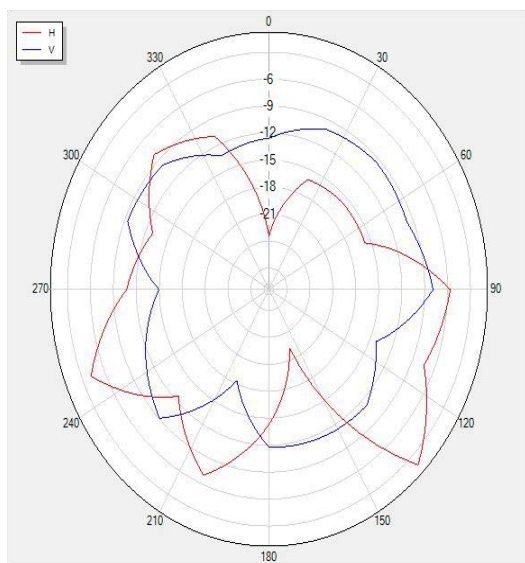
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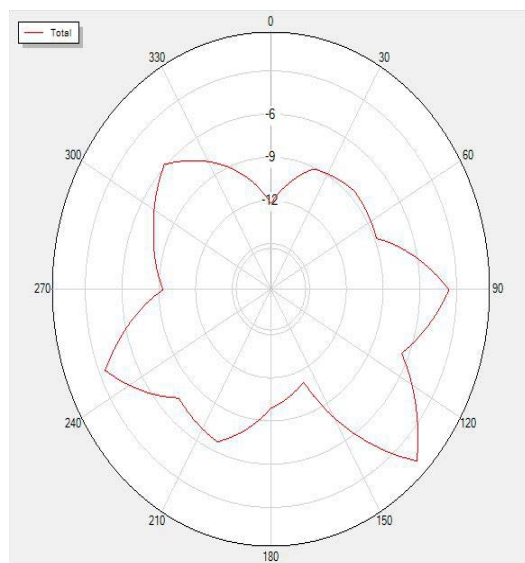
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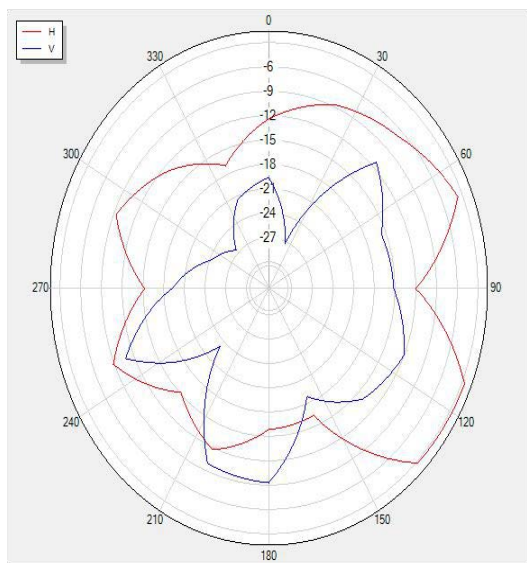
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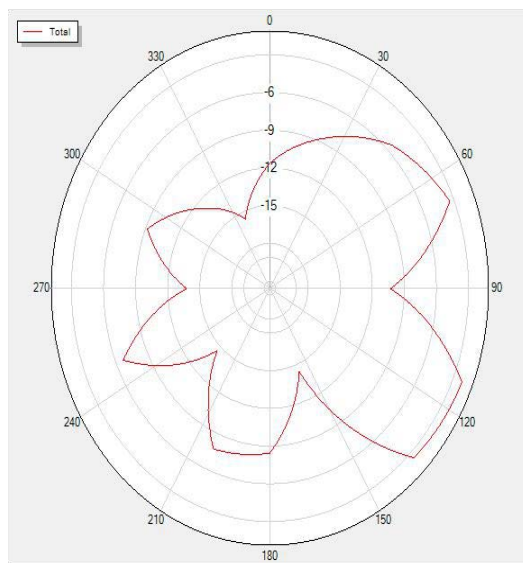
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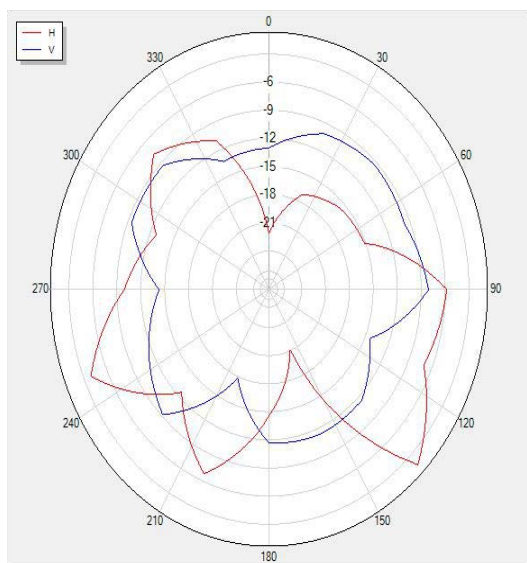
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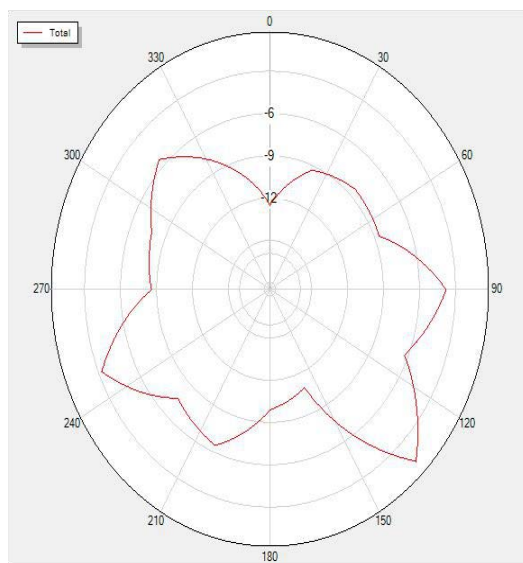
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2500P90 Polar



2500P90 Total



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