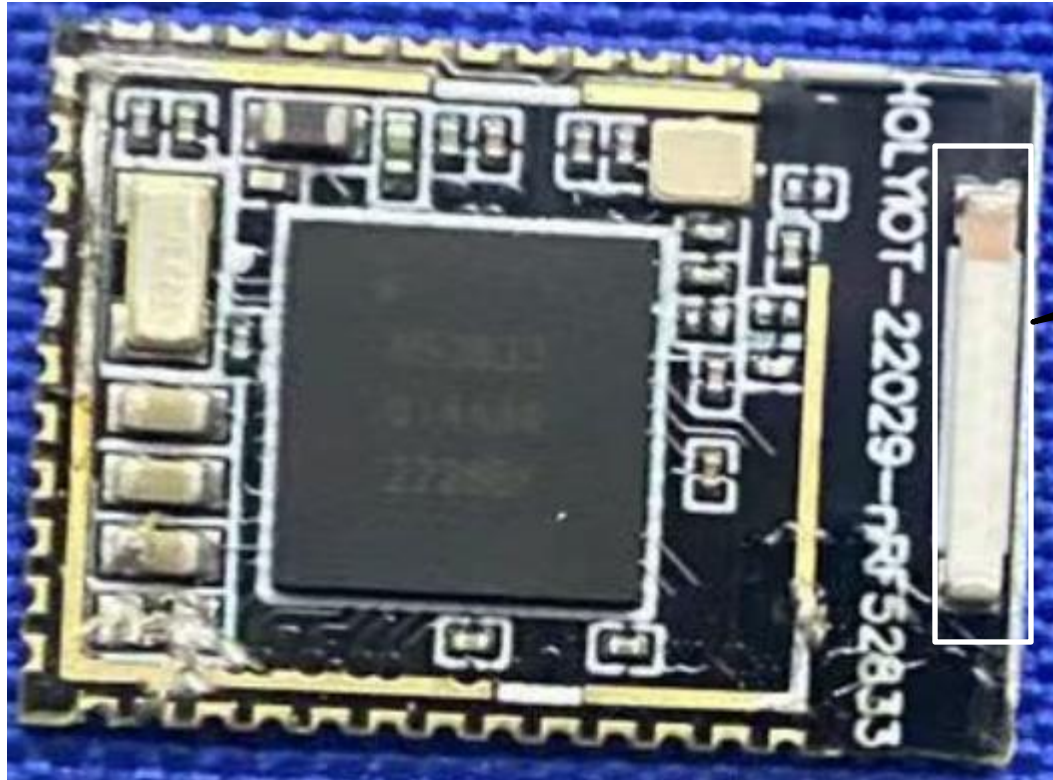


Bluetooth antenna debugging report

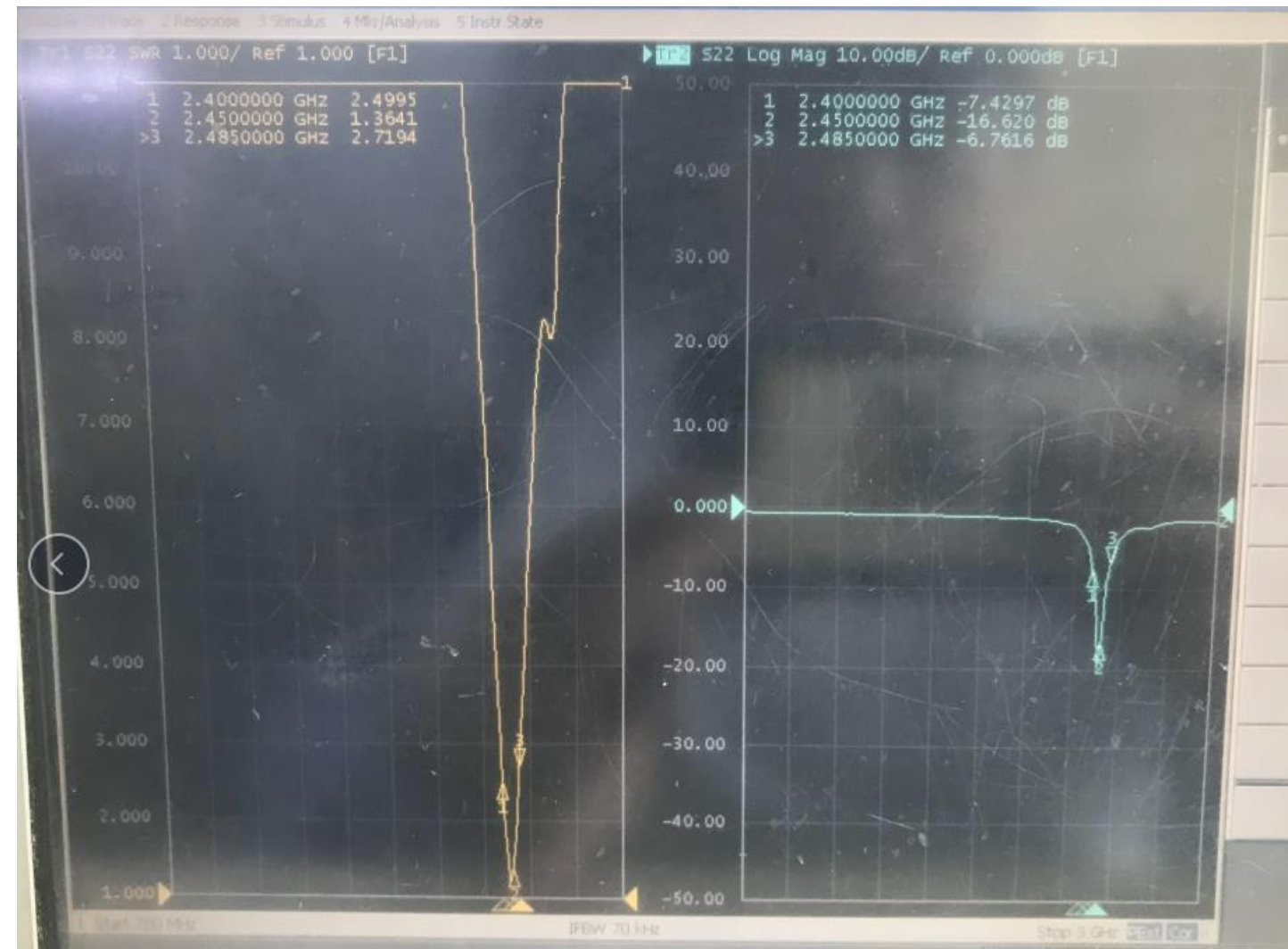
2.4Ghz Team

V1.0

2022.06.02



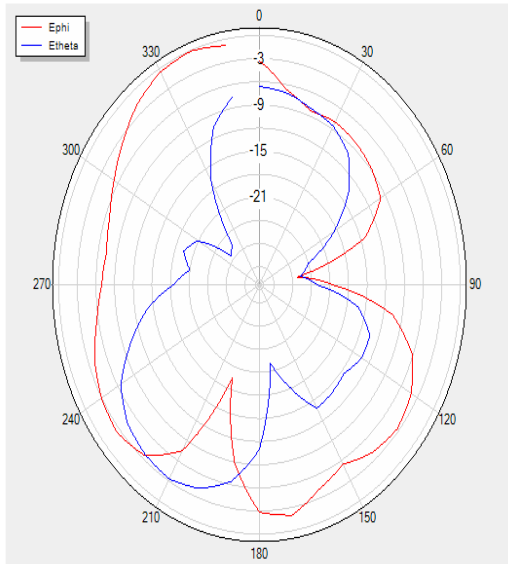
Antenna



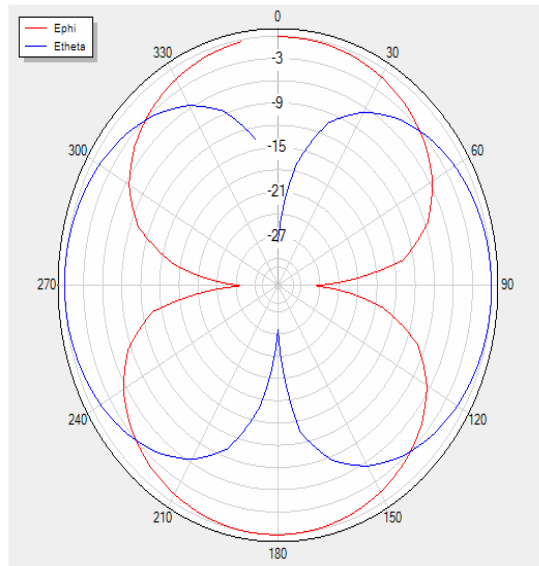
frequency 频率(MHz)	gain 增益(dBi)	mingain 最小增益	efficiency 效率(dBi)	efficiency 效率(%)
2400	-2.21	-27.58	-7.82	16.52
2410	-2.07	-25.01	-7.41	18.15
2420	-1.6	-23.39	-7.01	19.93
2430	-1.45	-23.88	-6.74	21.19
2440	-1.78	-25.1	-6.91	20.35
2450	-1.97	-29.51	-7.18	19.16
2460	-2.2	-32.55	-7.49	17.81
2470	-3.44	-30.3	-8.62	13.73
2480	-3.21	-26.21	-8.56	13.94
2490	-3.84	-25.53	-9.42	11.42
2500	-4.36	-27.8	-9.93	10.15

Diagram of direction (2D)

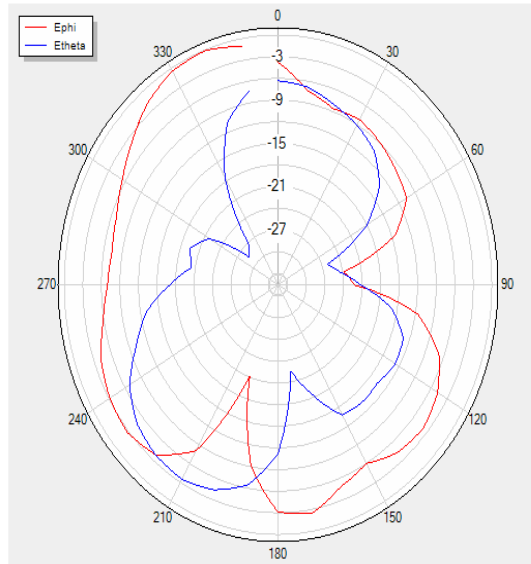
H Theta=90 freq=2400MHz



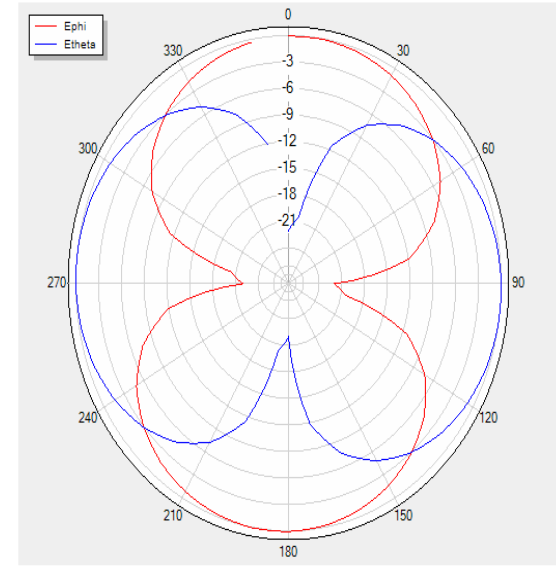
H Theta=0 freq=2400MHz



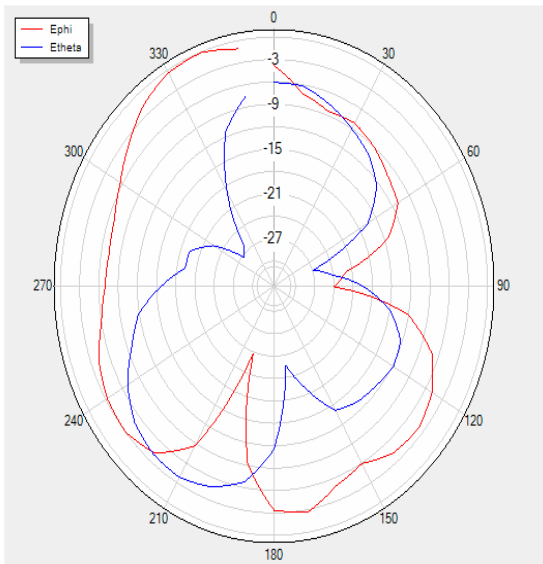
H Theta=90 freq=2410MHz



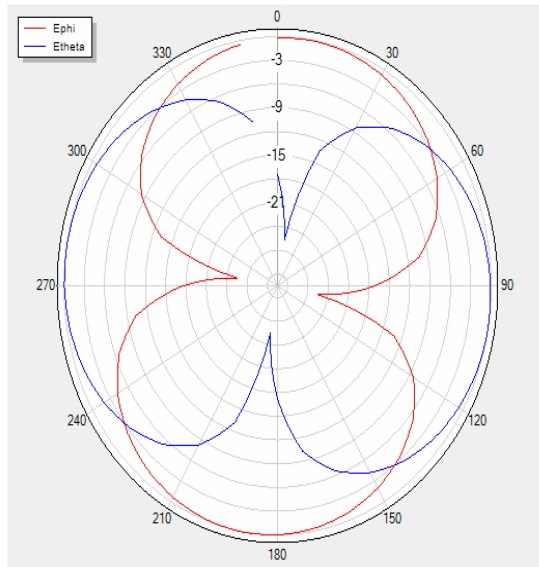
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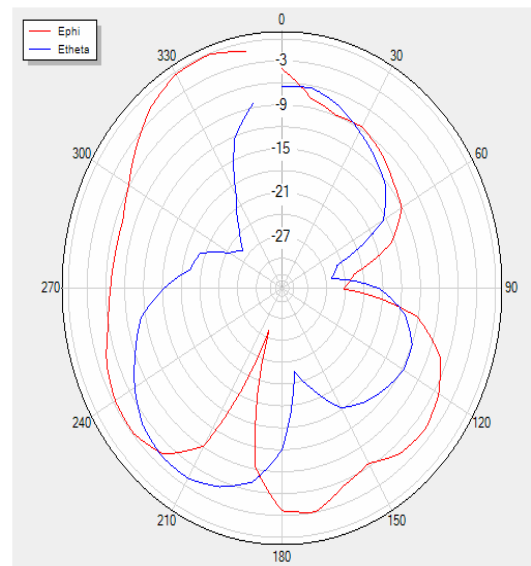
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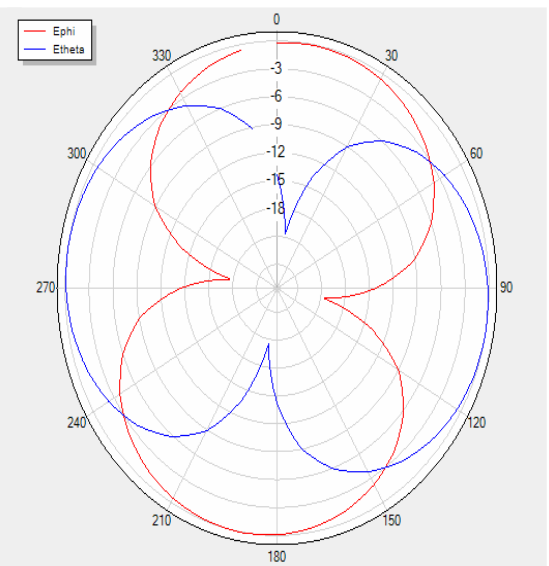
H Theta=0 freq=2420MHz



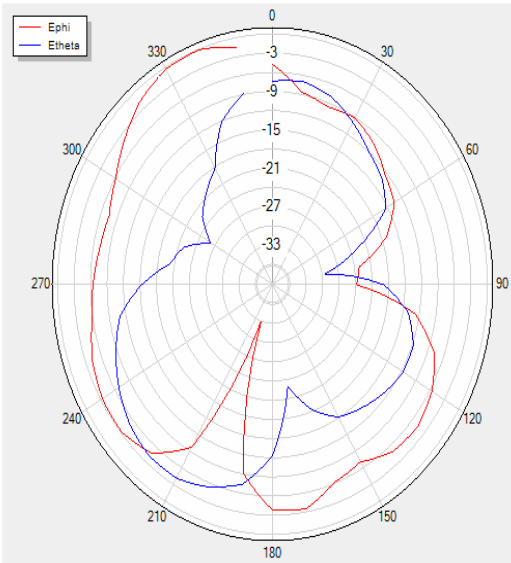
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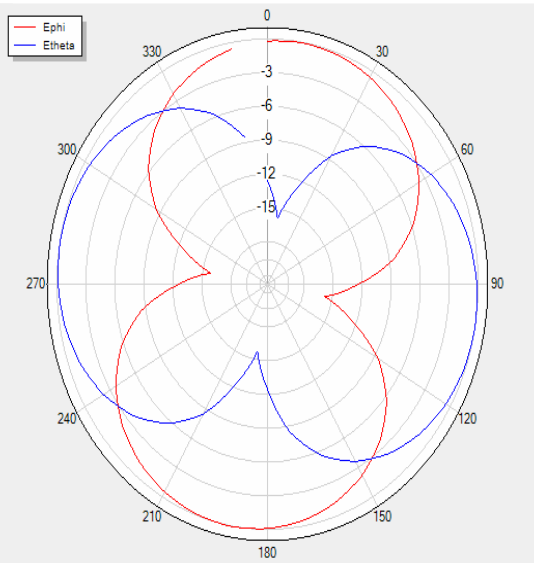
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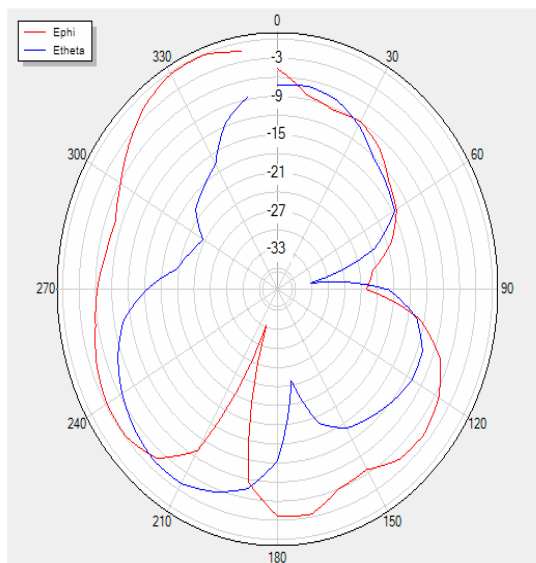
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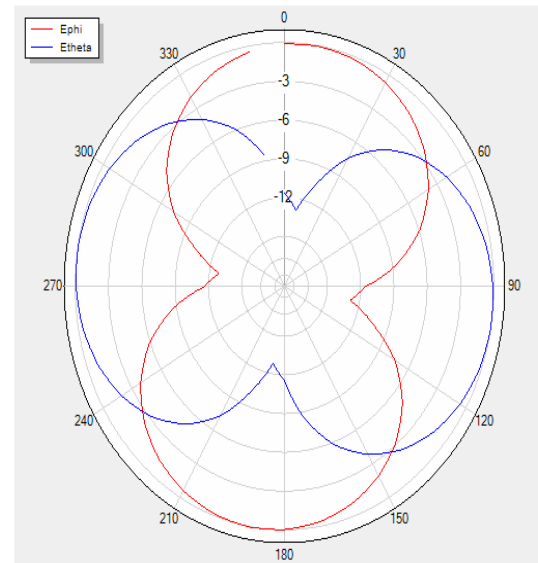
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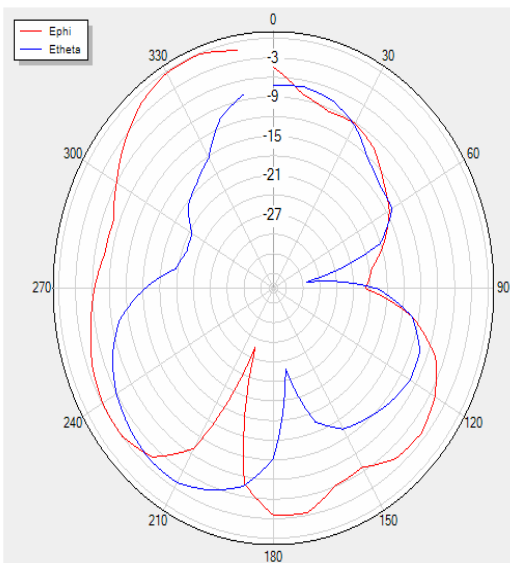
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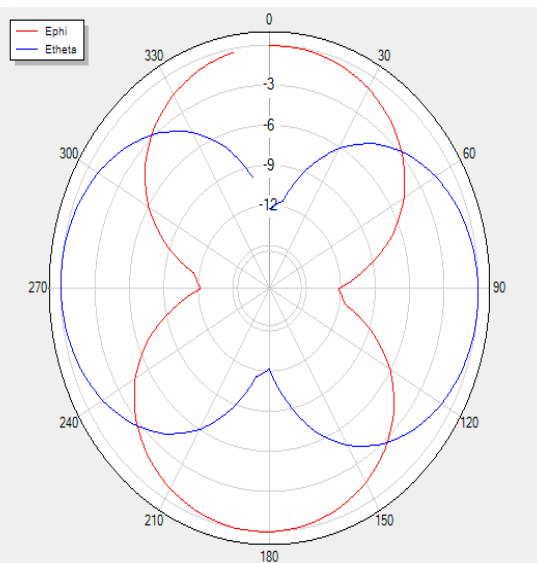
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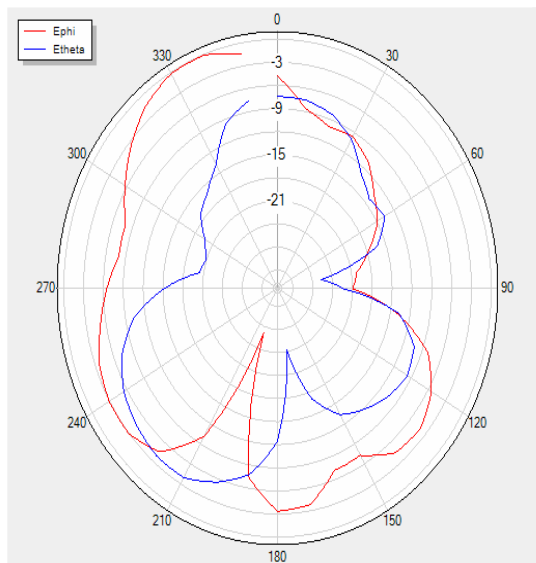
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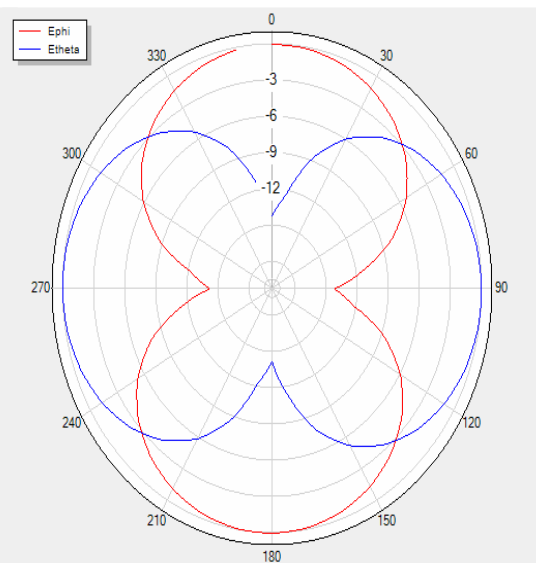
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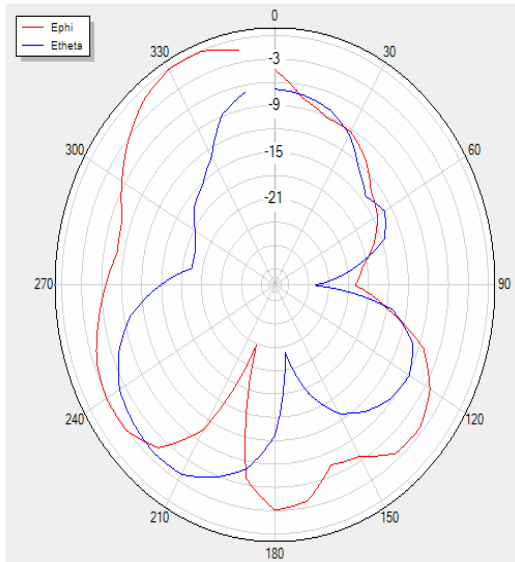
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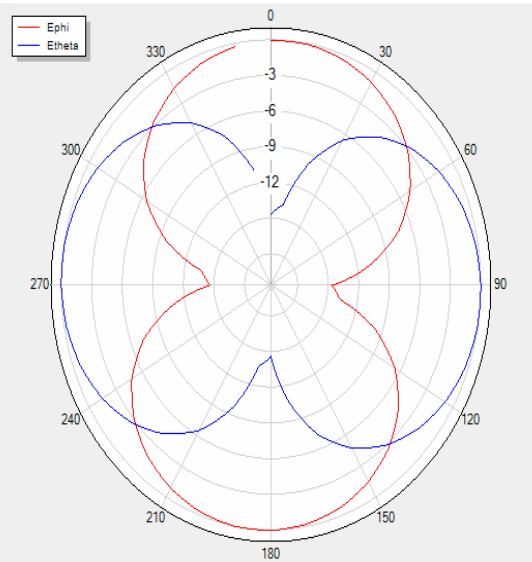
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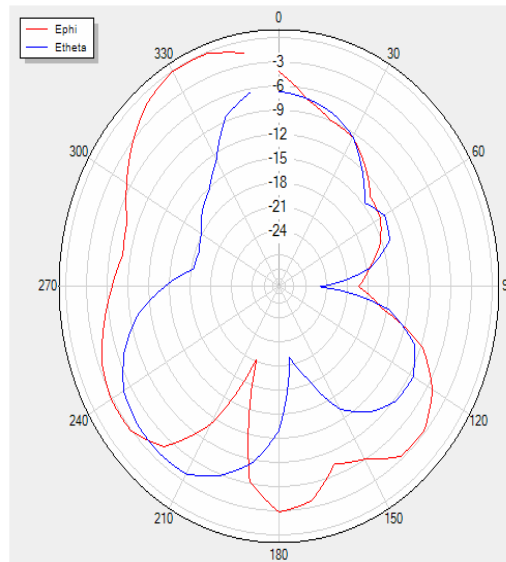
H Theta=90 freq=2480MHz



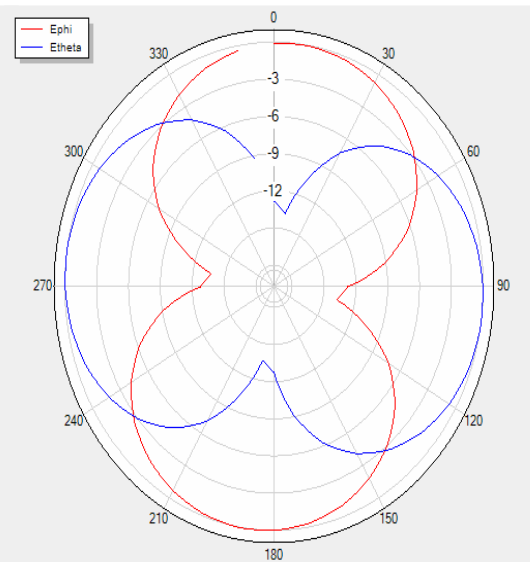
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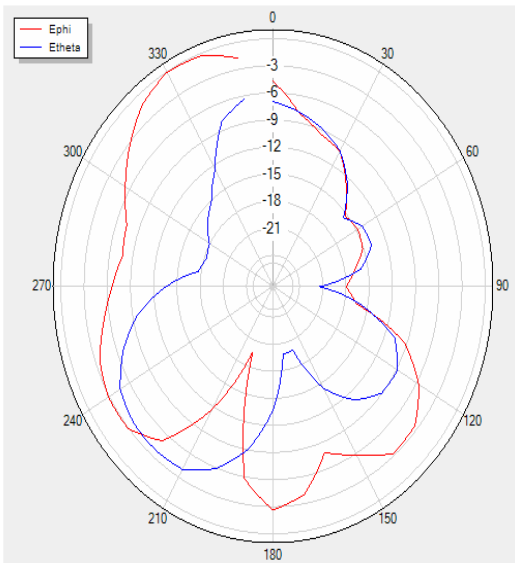
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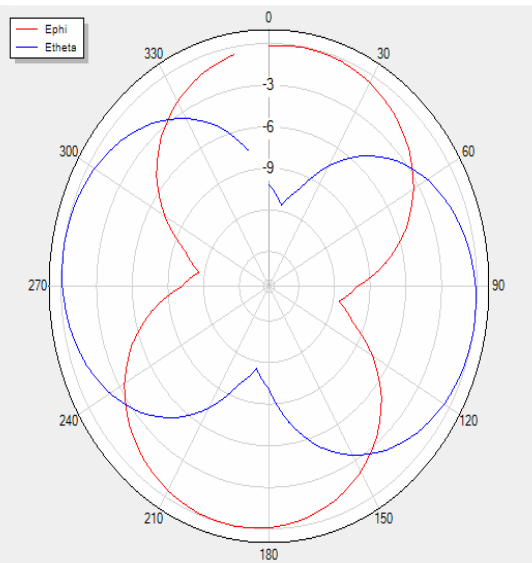
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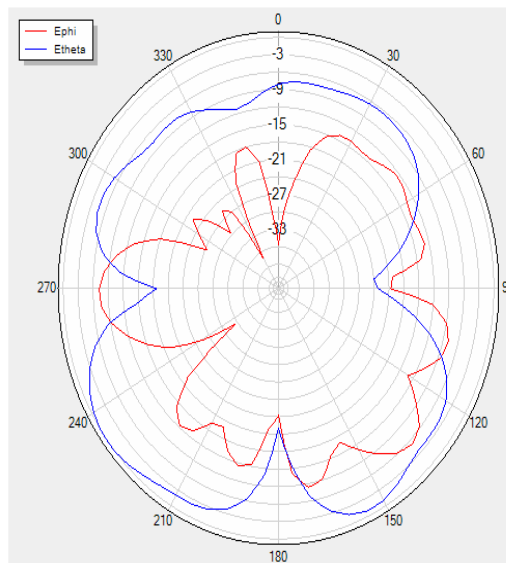
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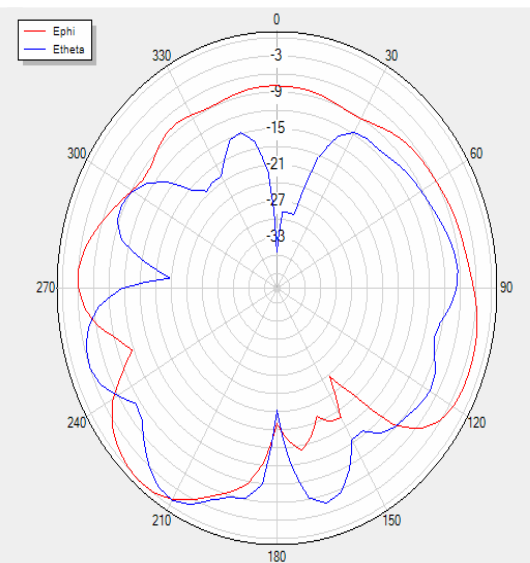
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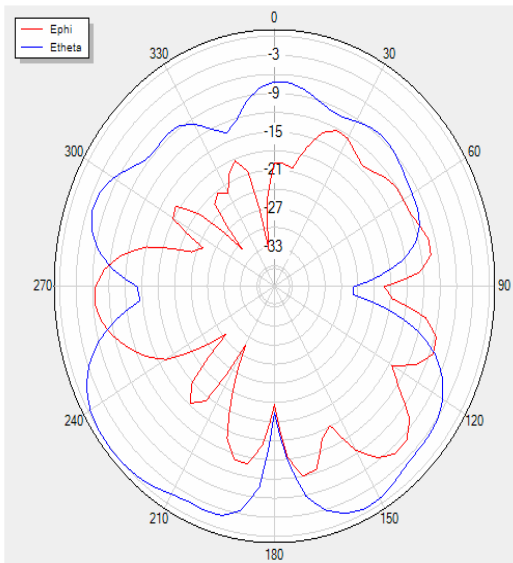
V Phi=90 freq=2400MHz



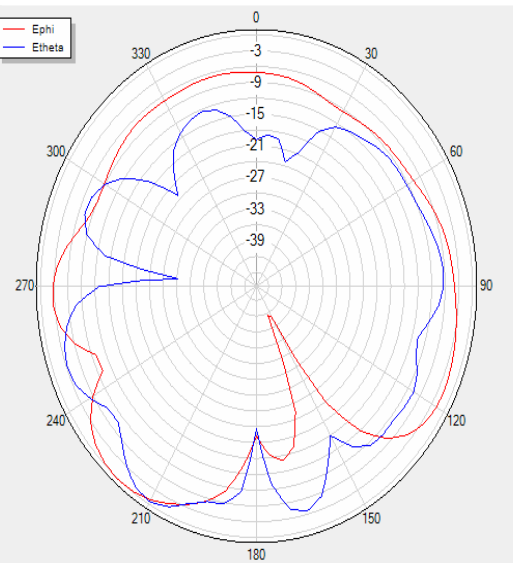
V Phi=0 freq=2400MHz



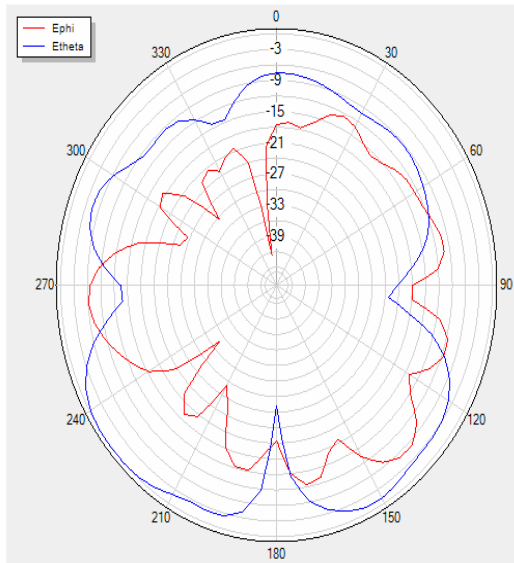
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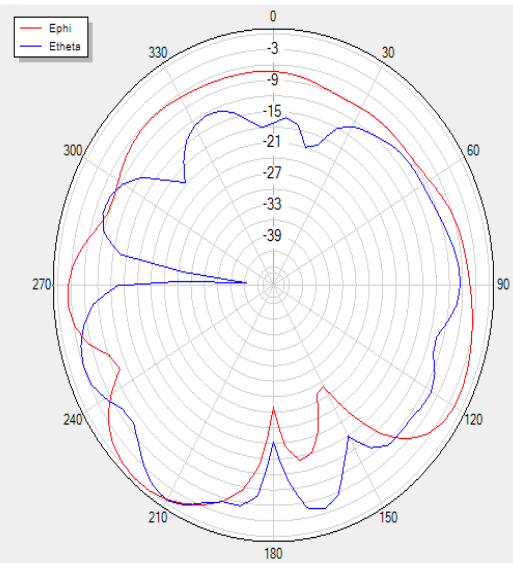
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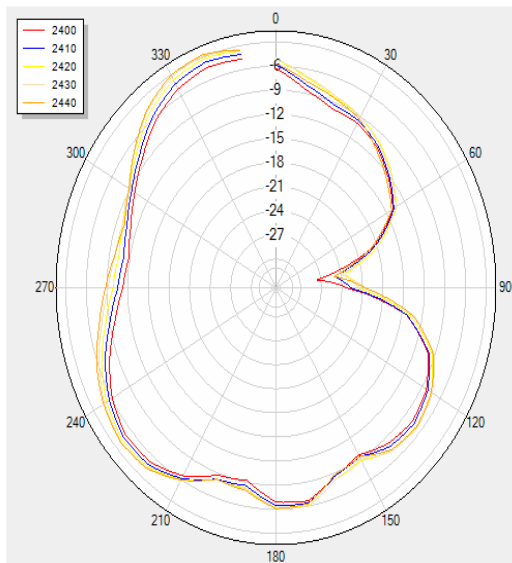
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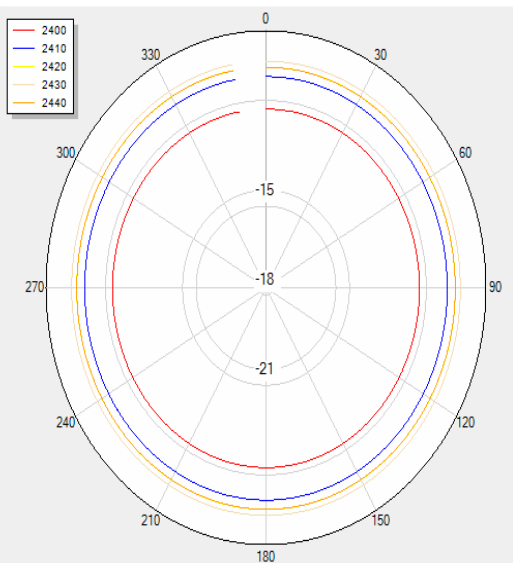
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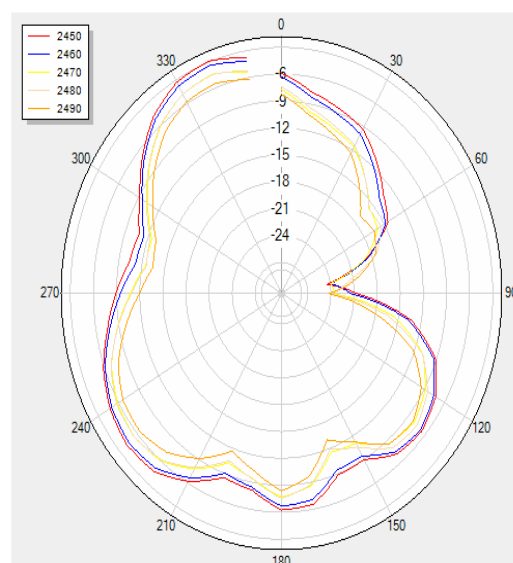
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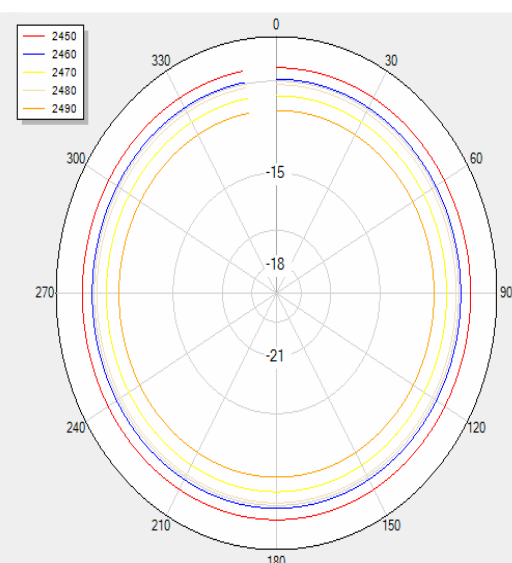
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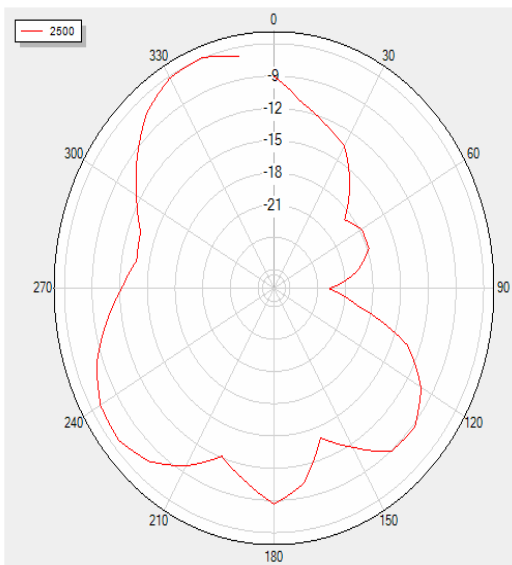
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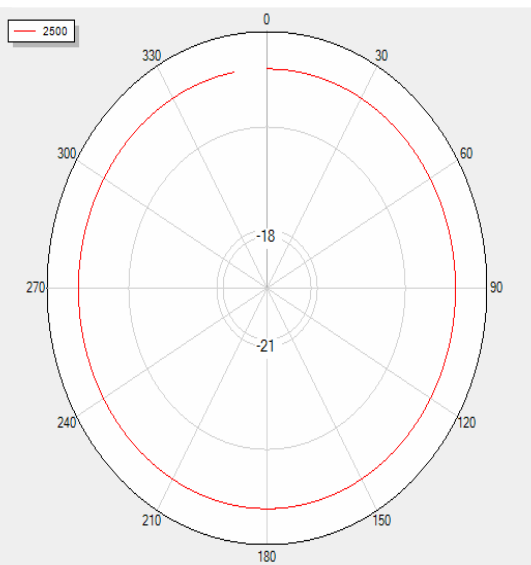
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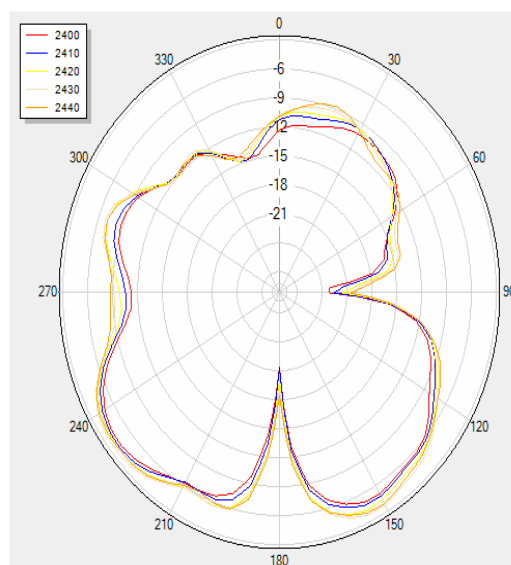
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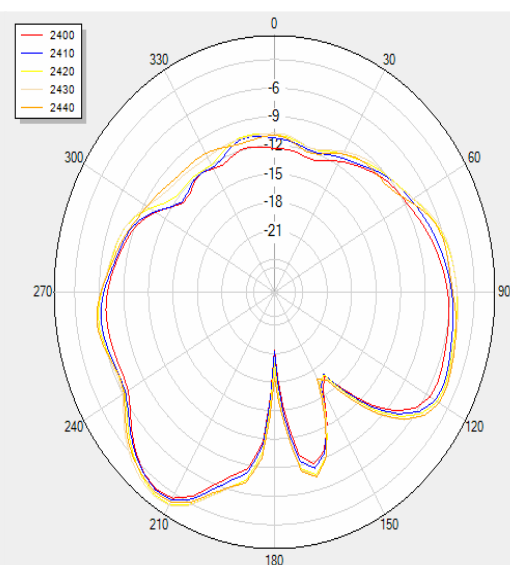
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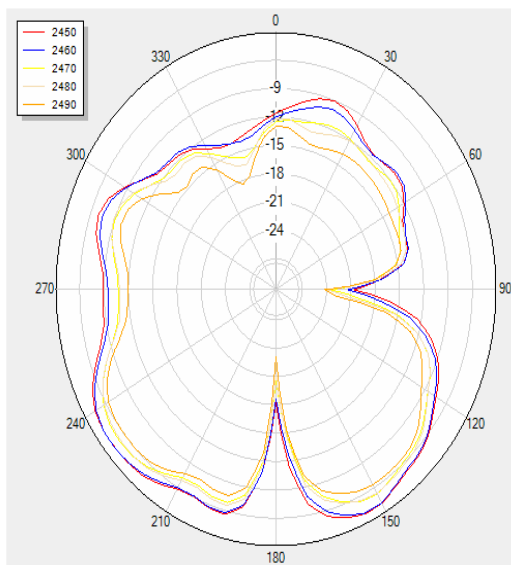
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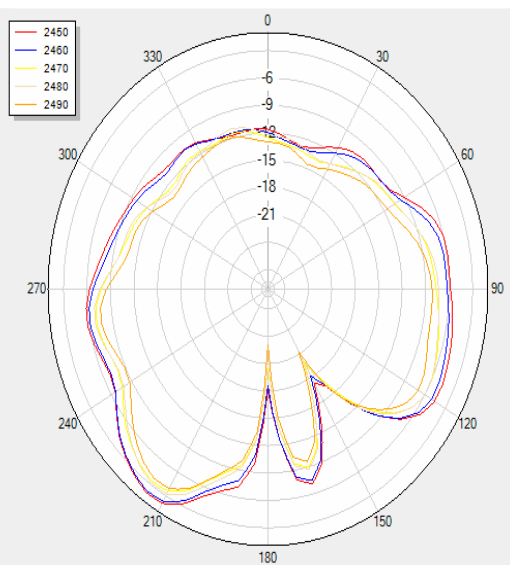
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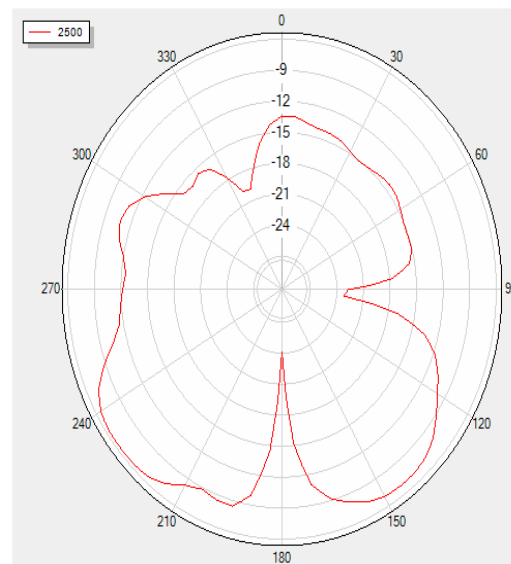
V Phi=90



V Phi=0



V Phi=90



V Phi=0

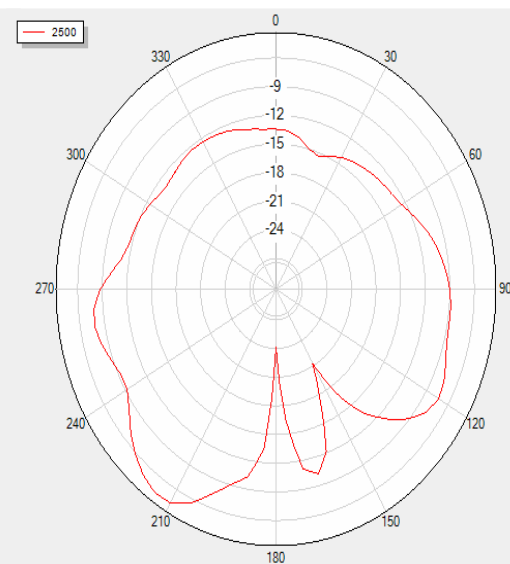


Diagram of direction (3D)

