

RECAM-44-10-SS-B

3G/4G LTE 2xMiMo Vehicular Antenna

2x SMA Male Connector



Features:

- 698-960/1710-3800MHz
- 78.2 x 78.2 x 30.3mm
- 3000mm cable with 2x SMA Male connectors
- Ingress Protection IP67
- Adhesive Mount

Applications:

- Indoor and outdoor use
- 2G/3G/4G/LTE MiMo
- 3G Main + Diversity
- Vehicular, Telematics, Transportation
- Cellular access points



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Electrical Specifications

Frequency 1	698-960 MHz
Frequency 2	1710-2690 MHz
Frequency 3	3400-3800 MHz
Max Gain	1.77 dBi
Impedance	50 ohm
Max Power	5W
Direction	Omni
Polarization	Vertical

Environmental Specifications

Operating Temperature [°C]	-40 ~ +85 C
Storage Temperature [°C]	-40 ~ +85 C
Environmental Rating	IP67

Mechanical Specifications

Color	Black
Weight	142g
L x W x H (mm)	78.2 x 78.2 x 30.3
Mounting	Adhesive
Cable Type	RG174
Cable Length	3000mm
Material	PC
Connector	2x SMA Male

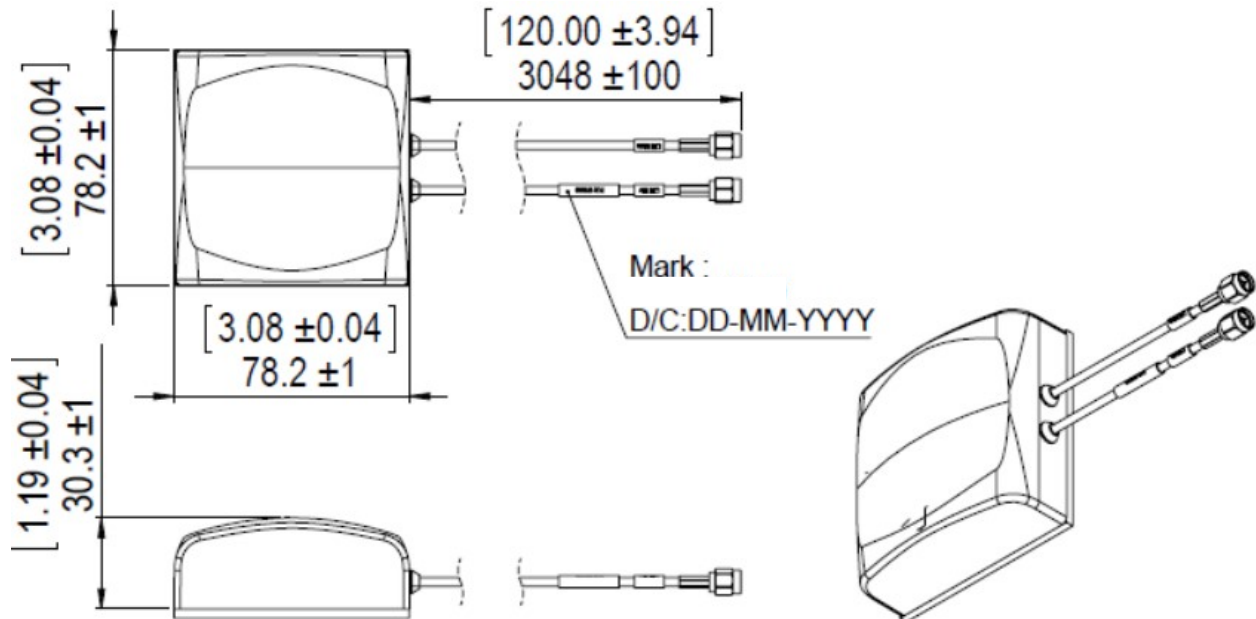
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Mechanical Drawing



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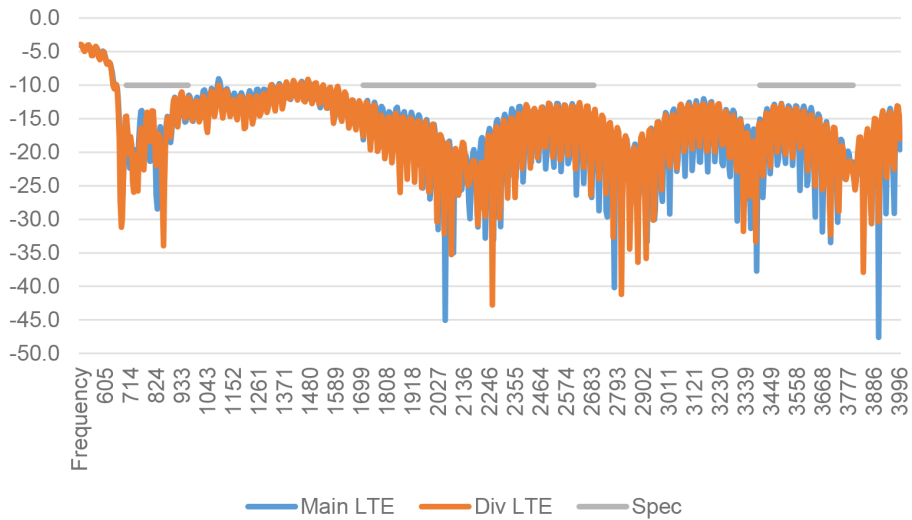
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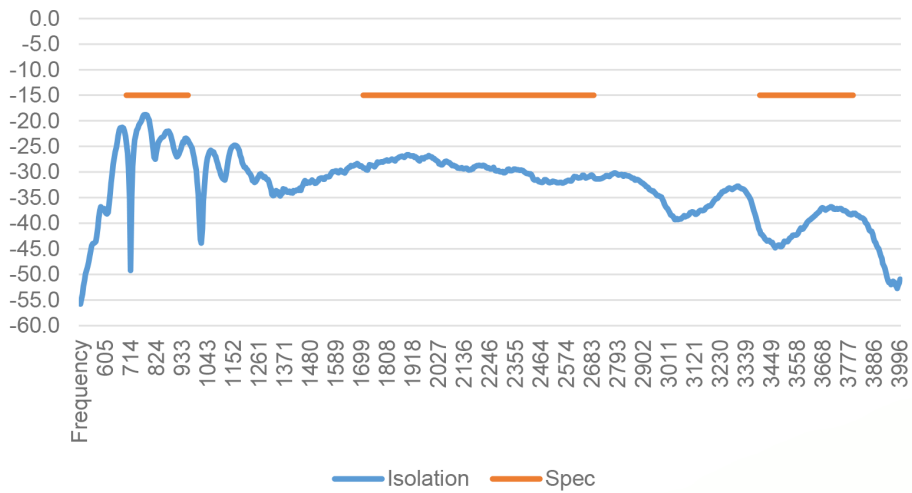


Charts

Return Loss



Isolation



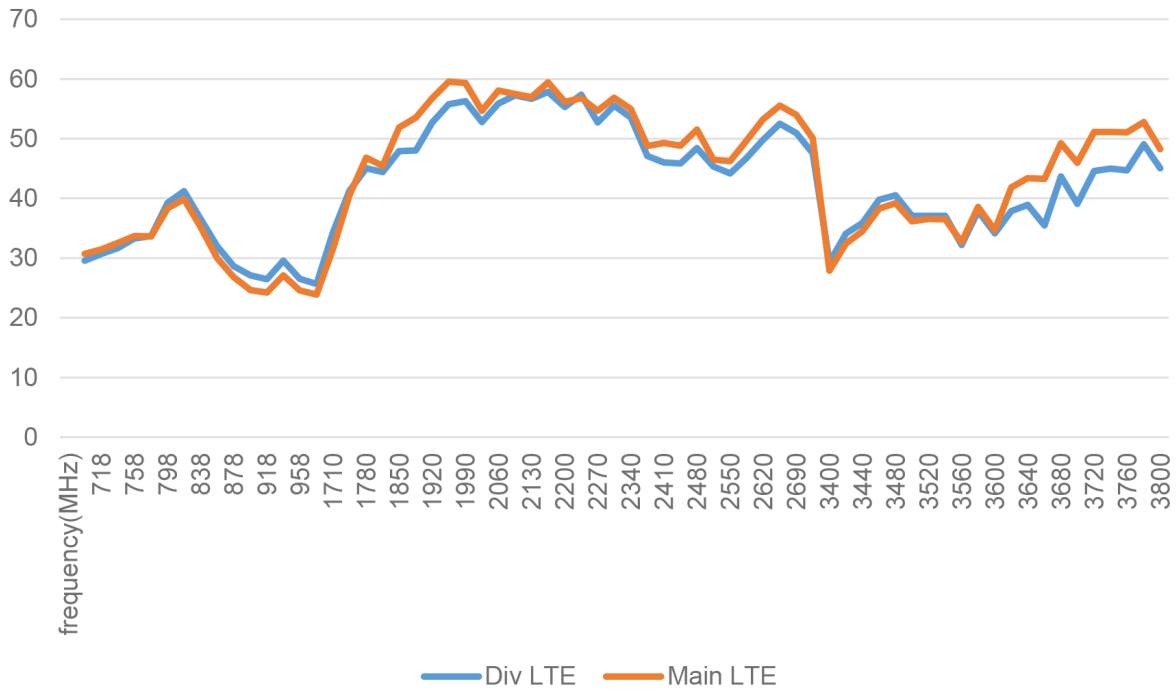
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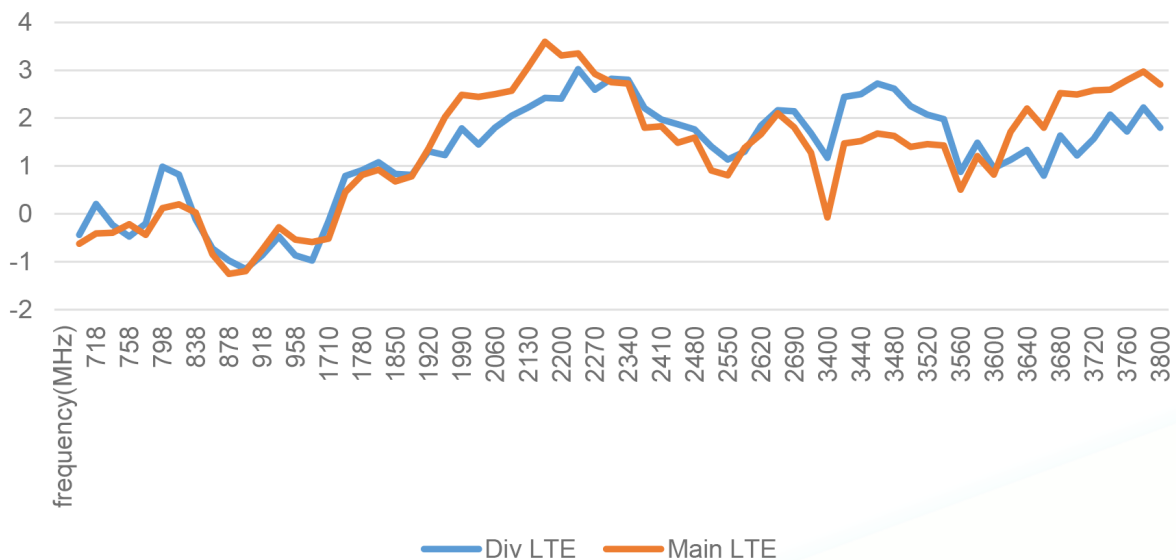
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Efficiency(%)



Peak Gain(dBi)



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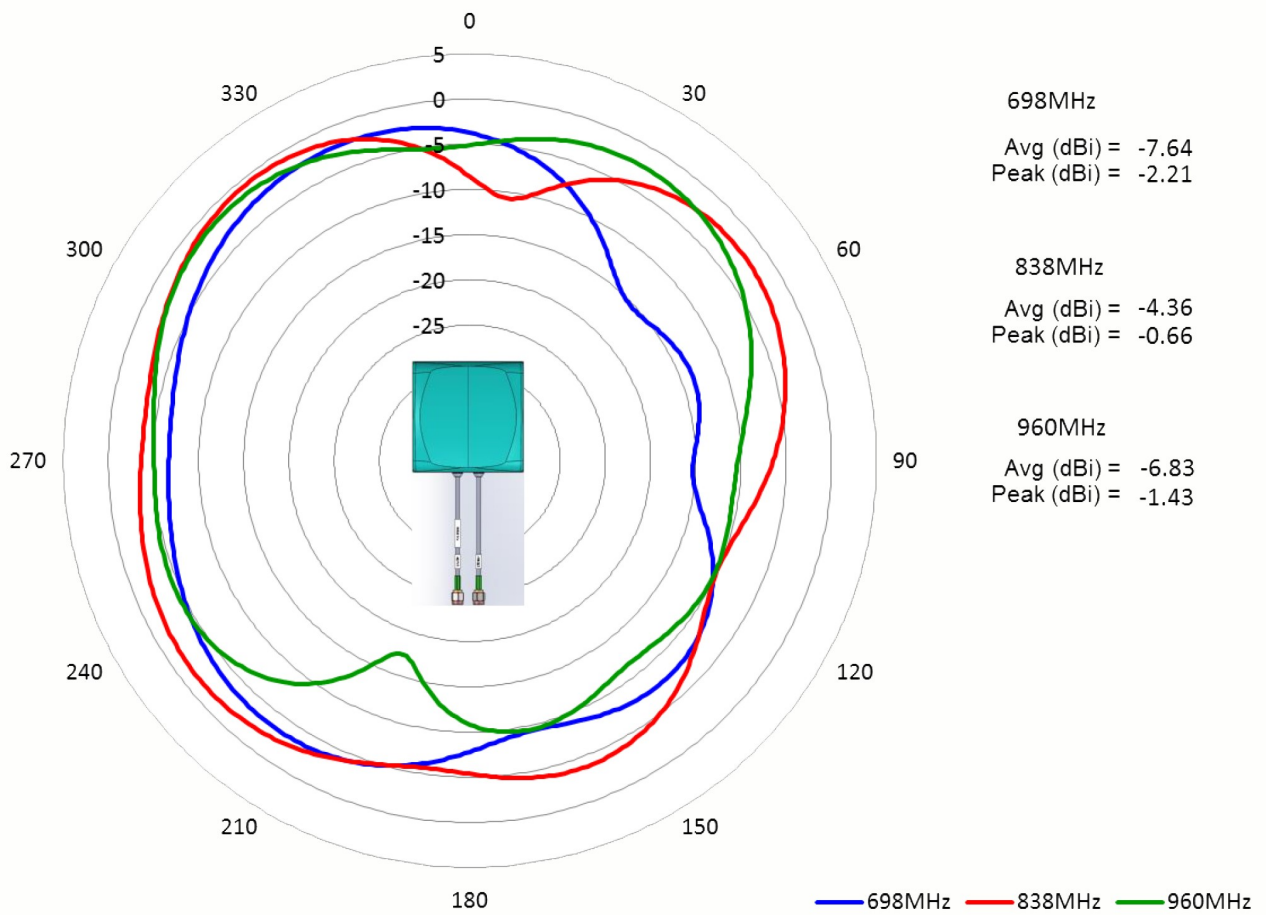
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Gain Plots (Main LTE)

XY Plane



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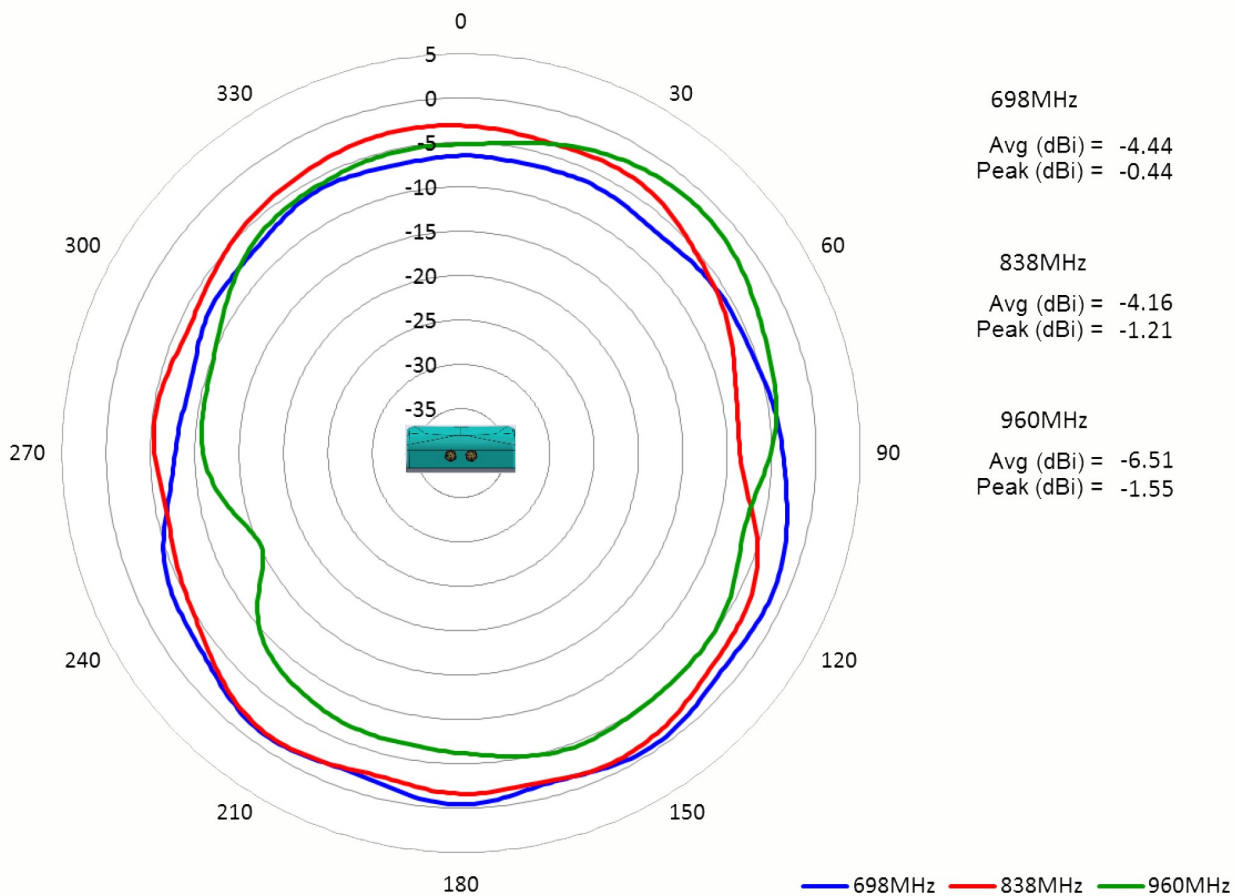
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Gain Plots (Main LTE)

ZX Plane



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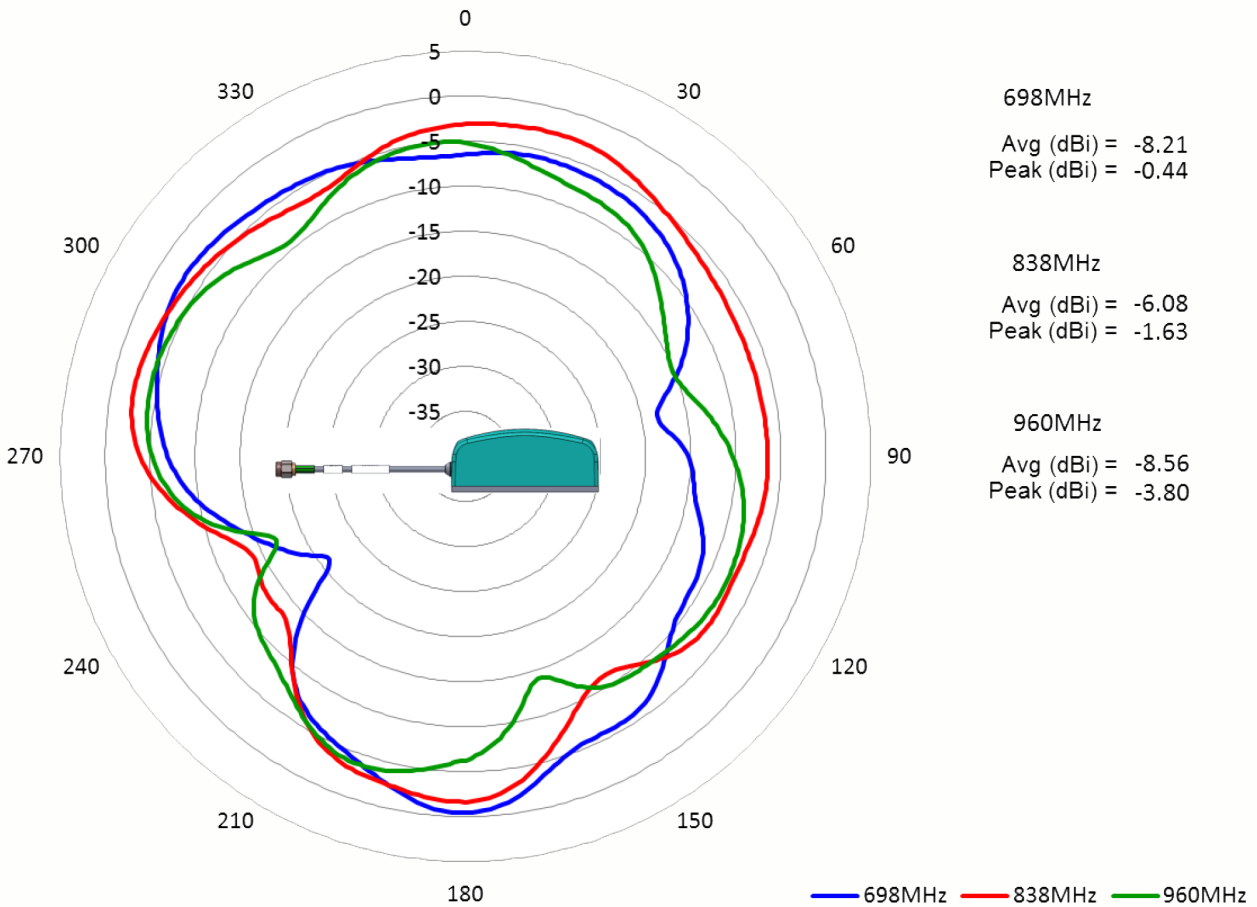
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Gain Plots (Main LTE)

ZY Plane



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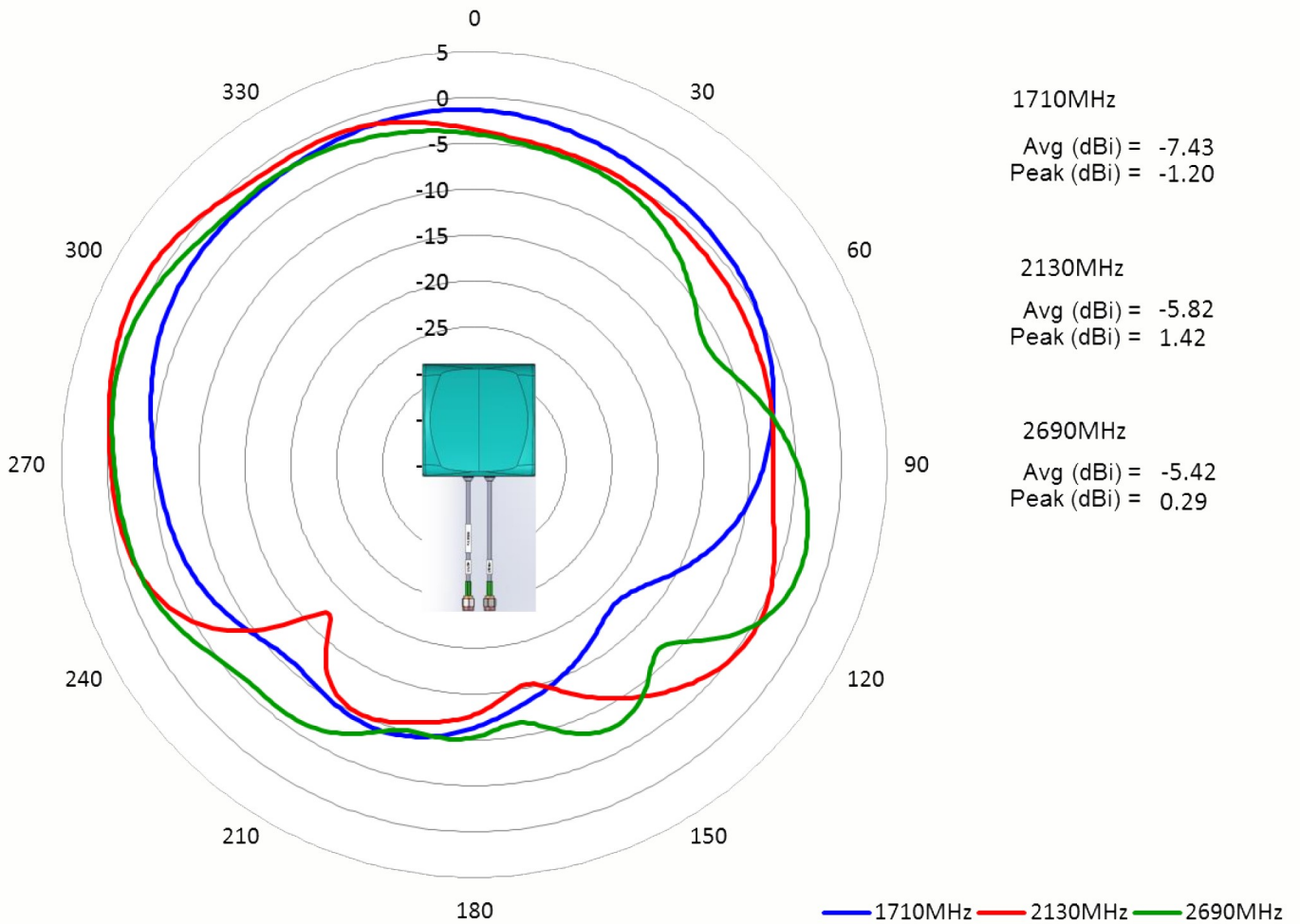
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Gain Plots (Main LTE)

XY Plane



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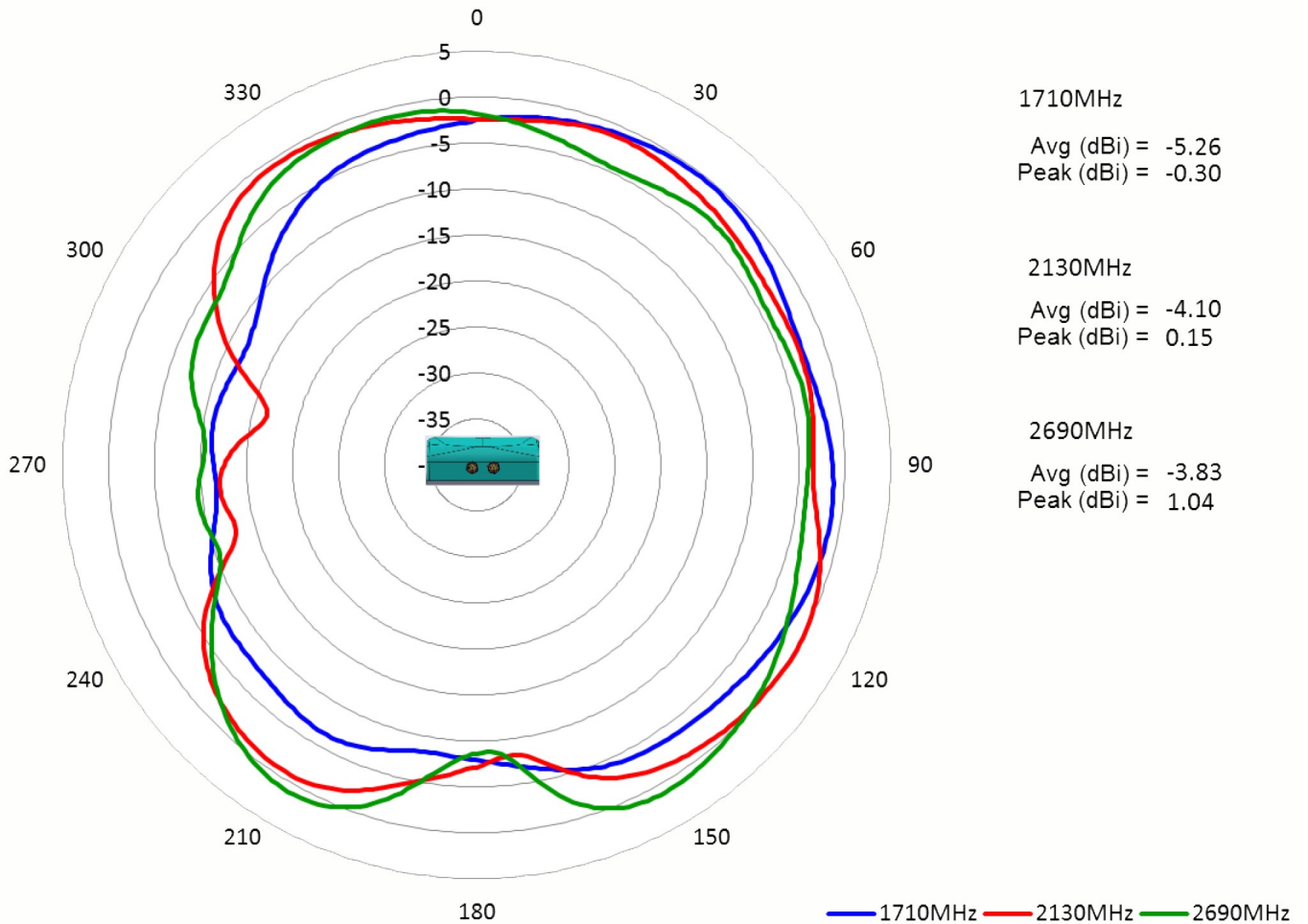
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ZX Plane



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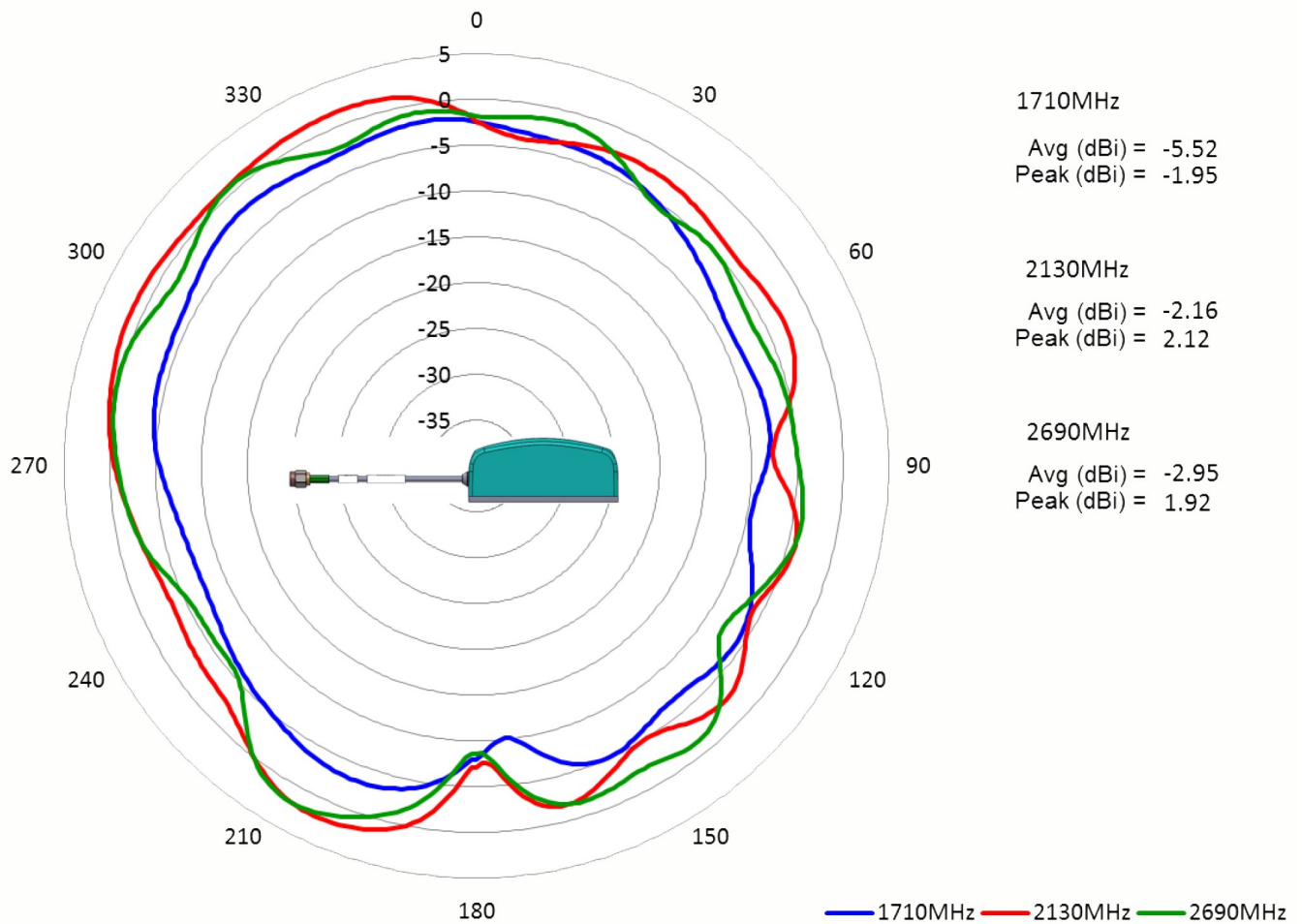
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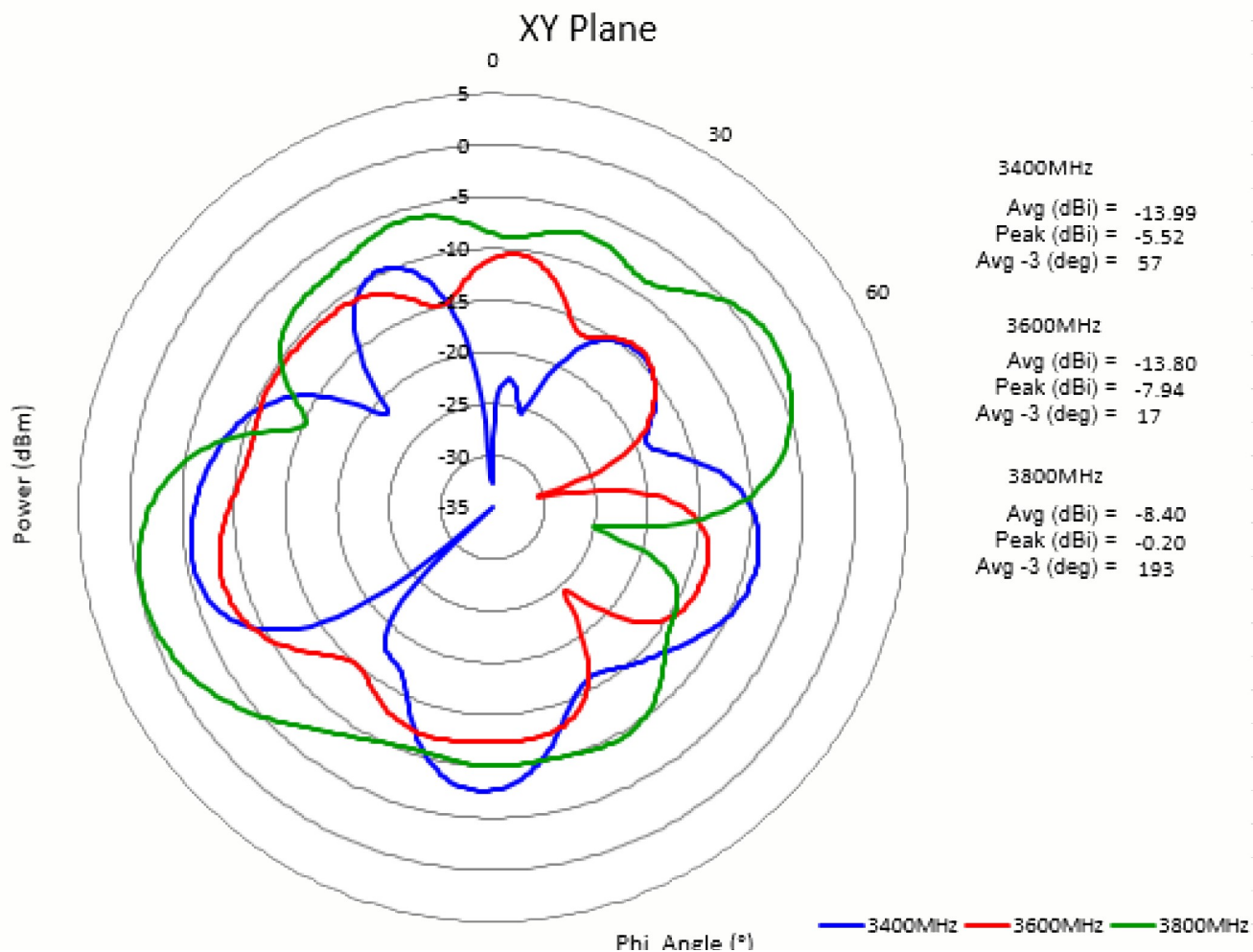
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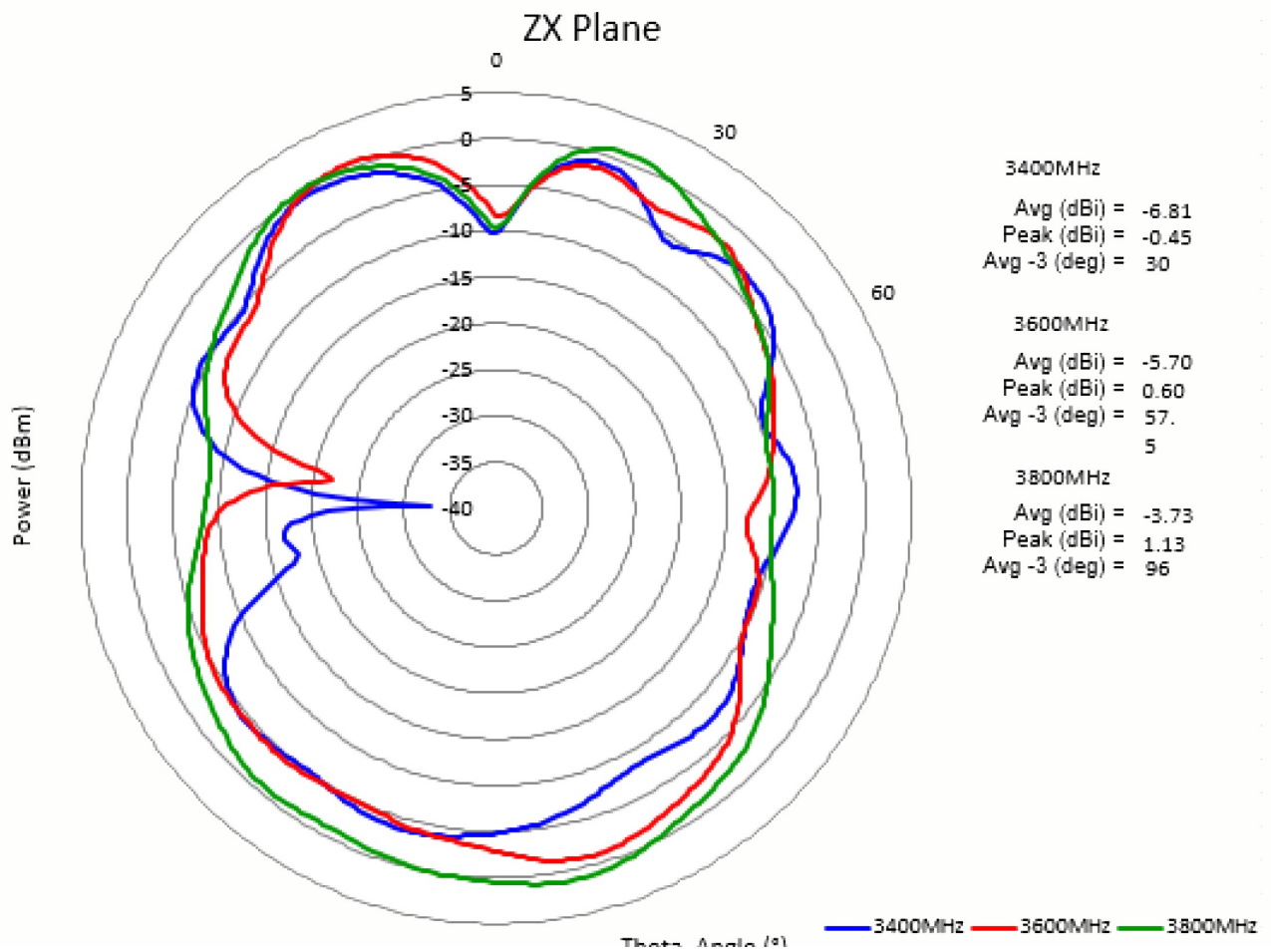
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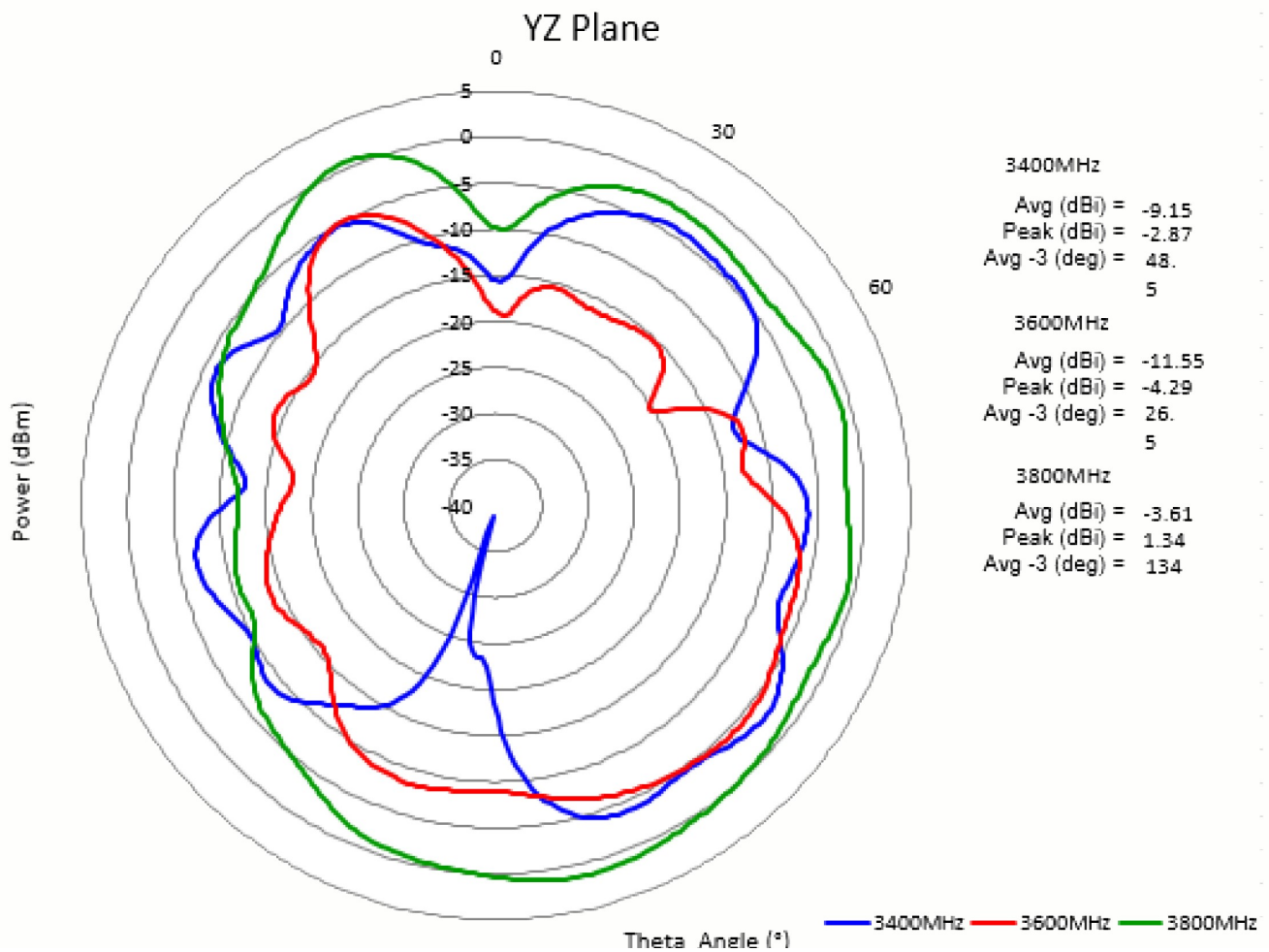
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Gain Plots (Main LTE)



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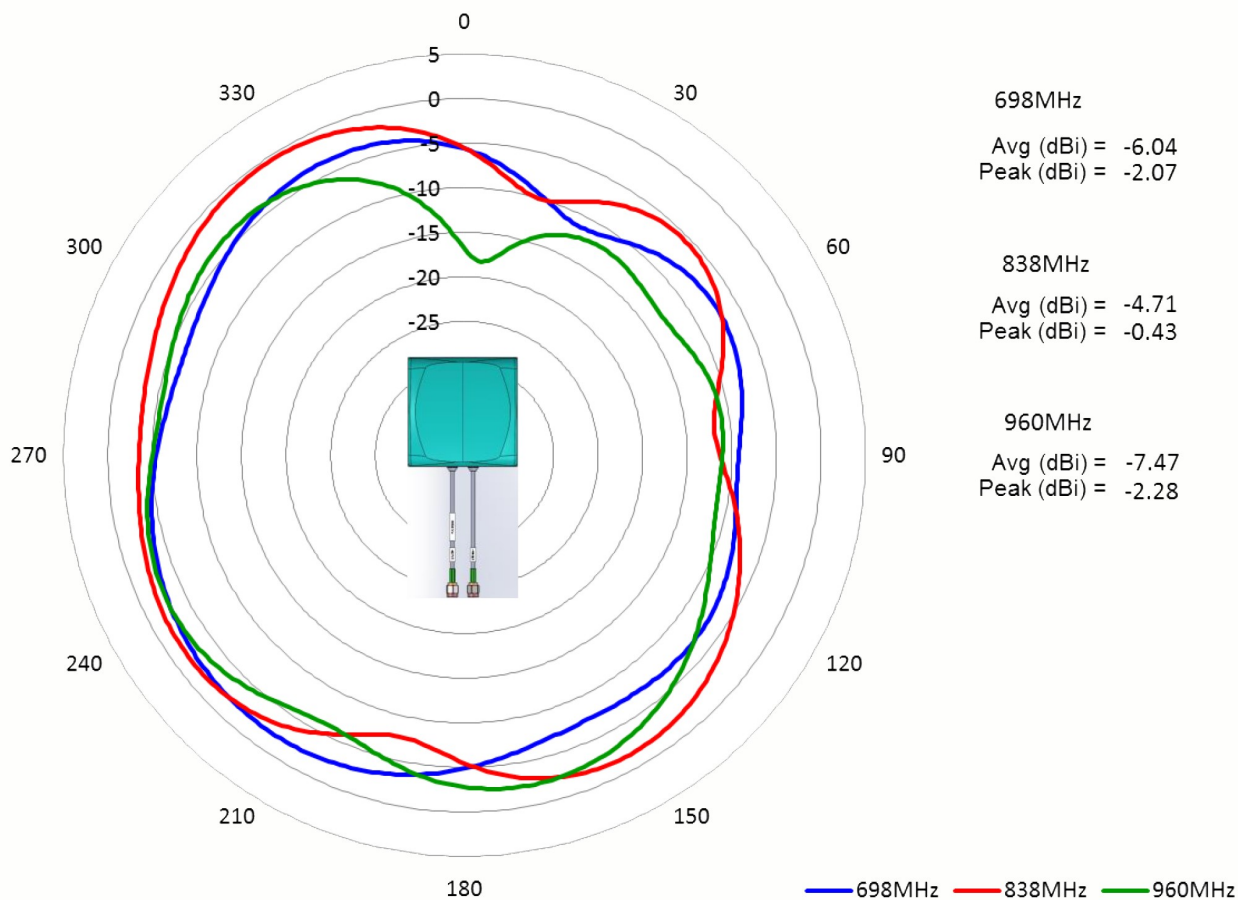
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Gain Plots (Diversity LTE)

XY Plane



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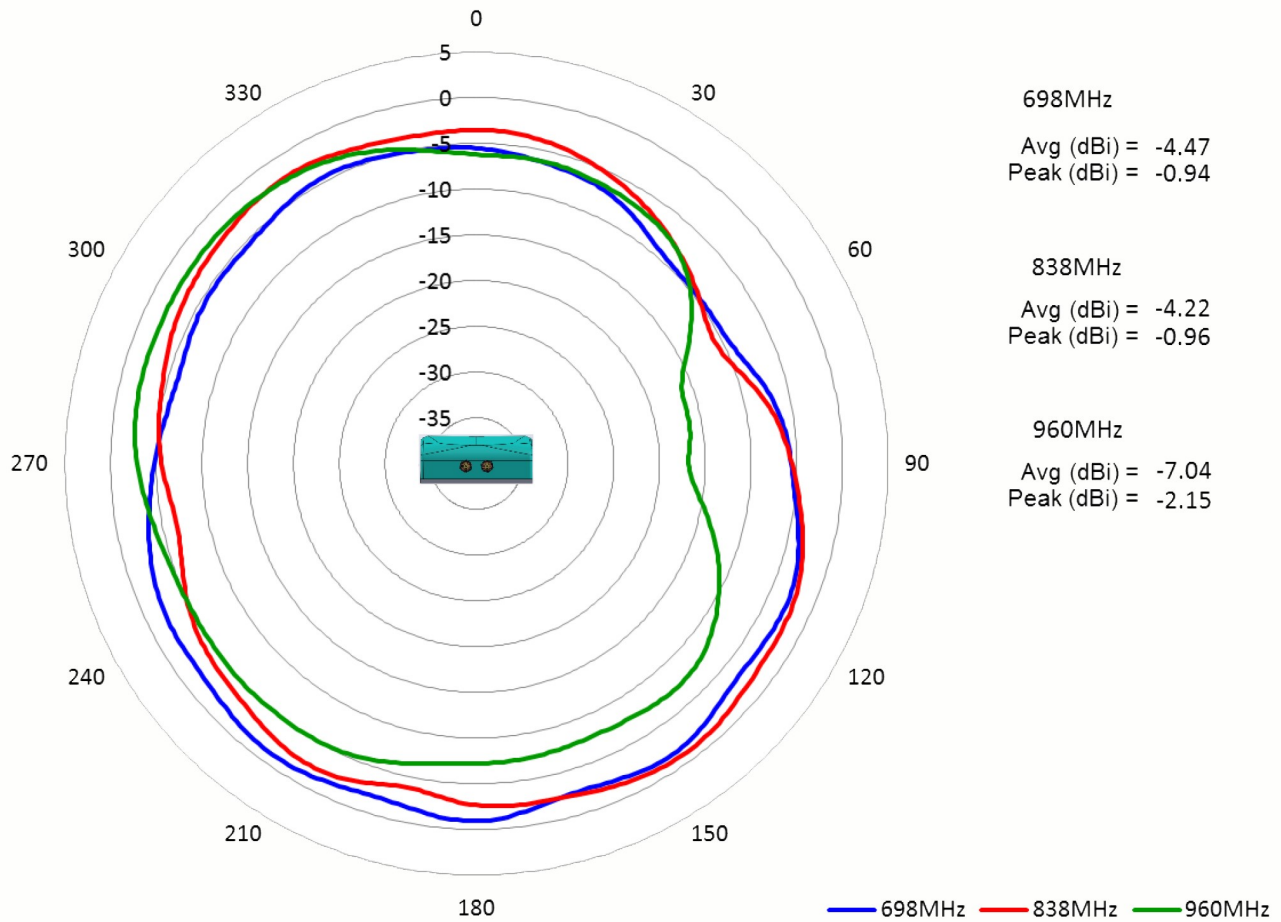
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Gain Plots (Diversity LTE)

ZX Plane



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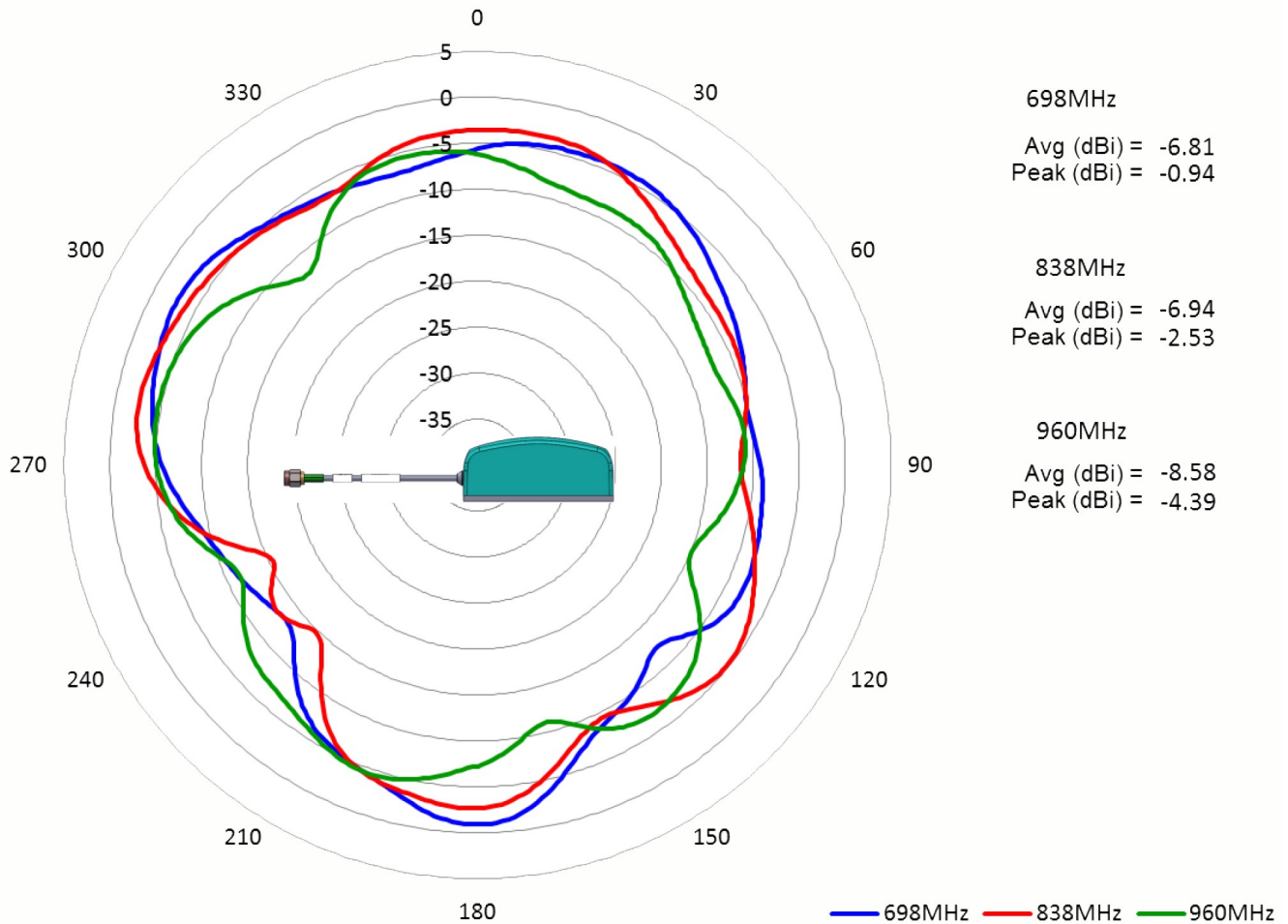
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Gain Plots (Diversity LTE)

ZY Plane



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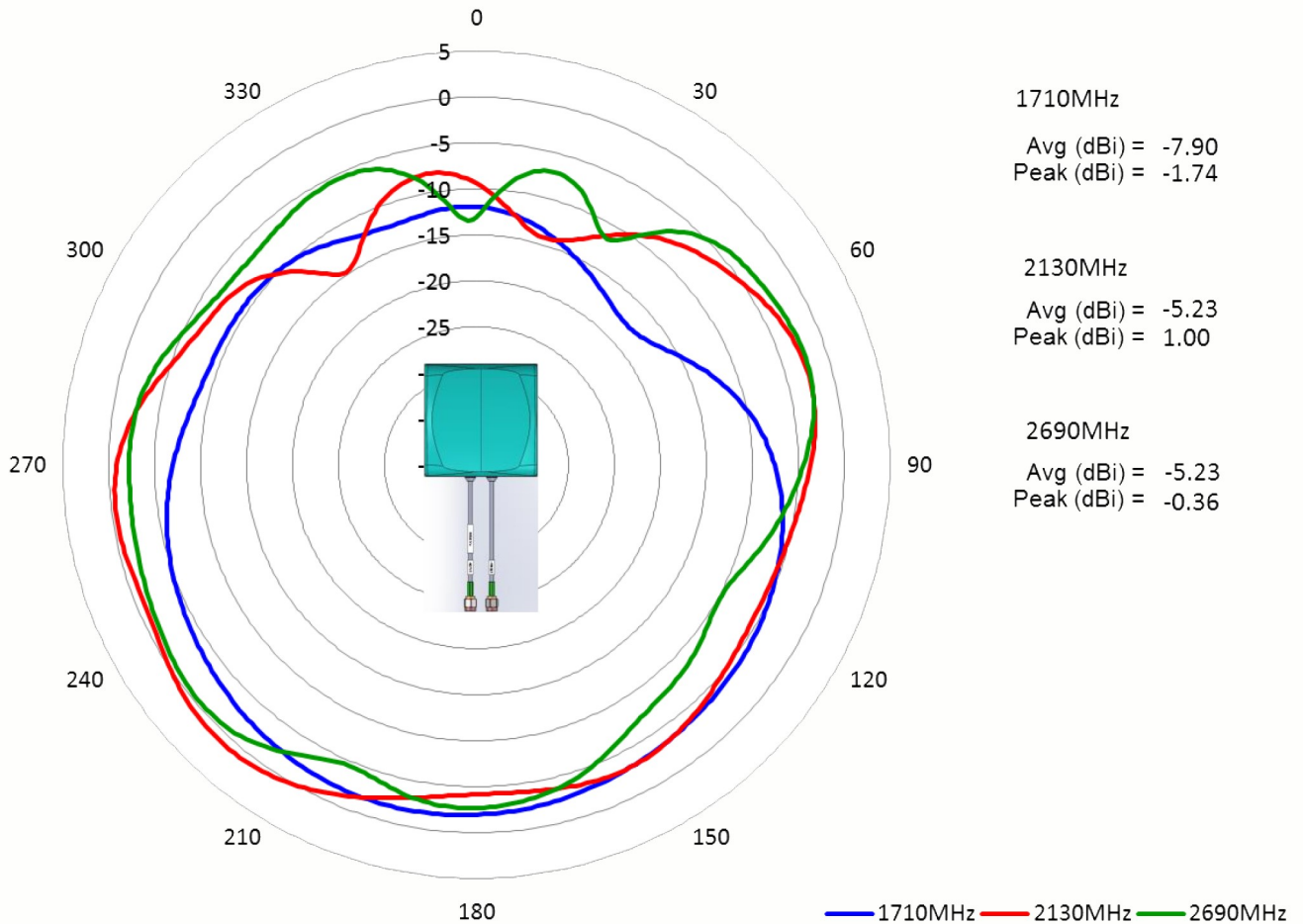
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Gain Plots (Diversity LTE)

XY Plane



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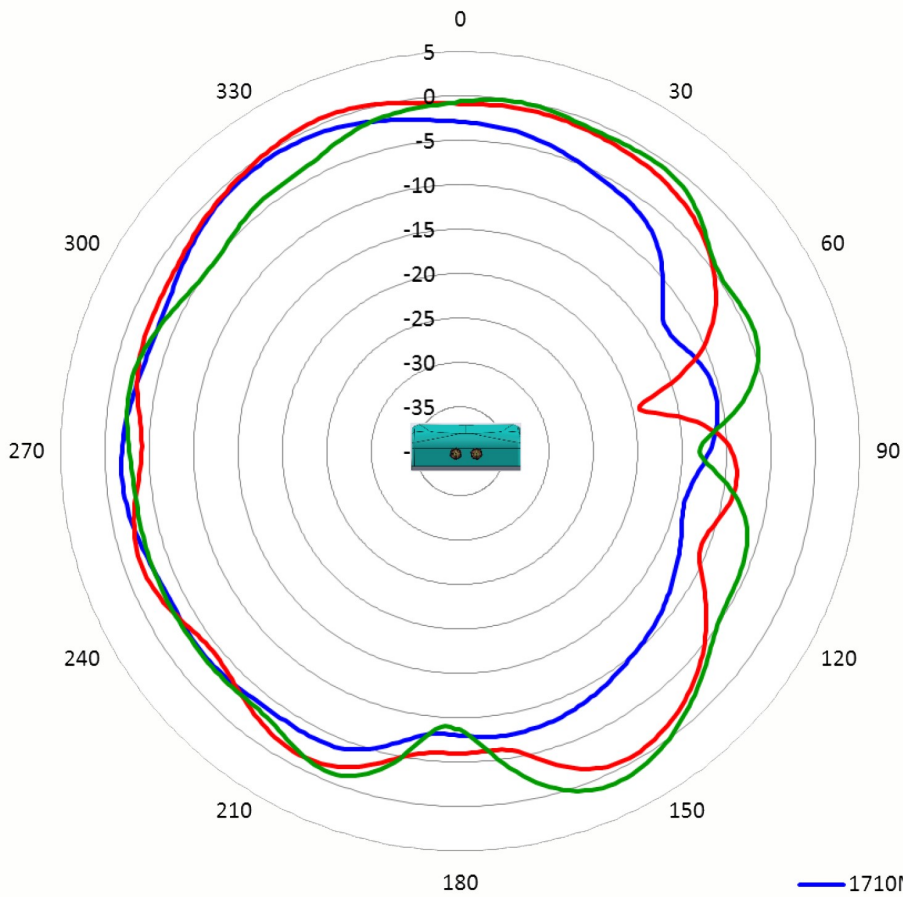
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Gain Plots (Diversity LTE)

ZX Plane



1710MHz

Avg (dBi) = -6.12
Peak (dBi) = -0.61

2130MHz

Avg (dBi) = -3.91
Peak (dBi) = 0.64

2690MHz

Avg (dBi) = -3.43
Peak (dBi) = 1.26

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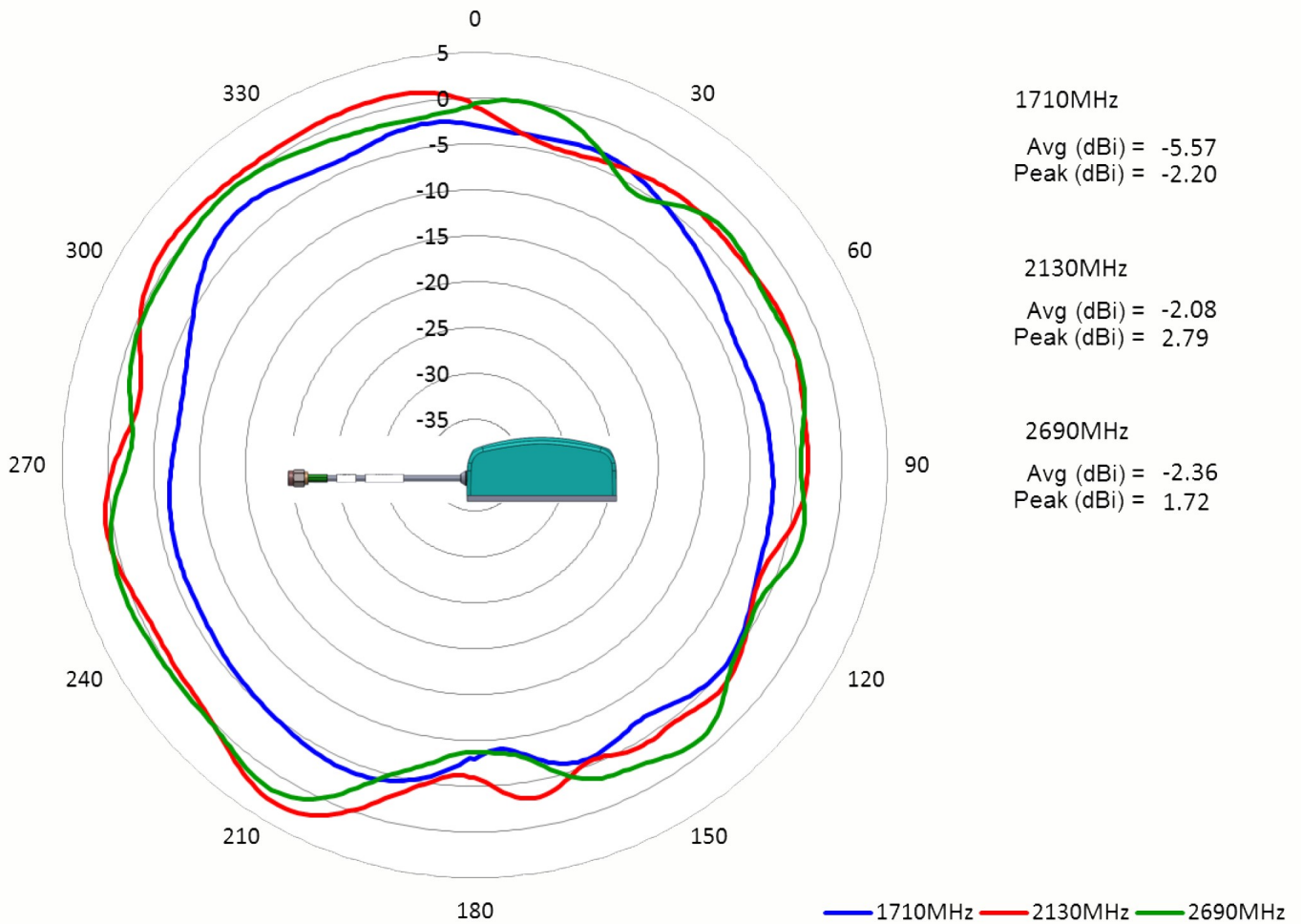
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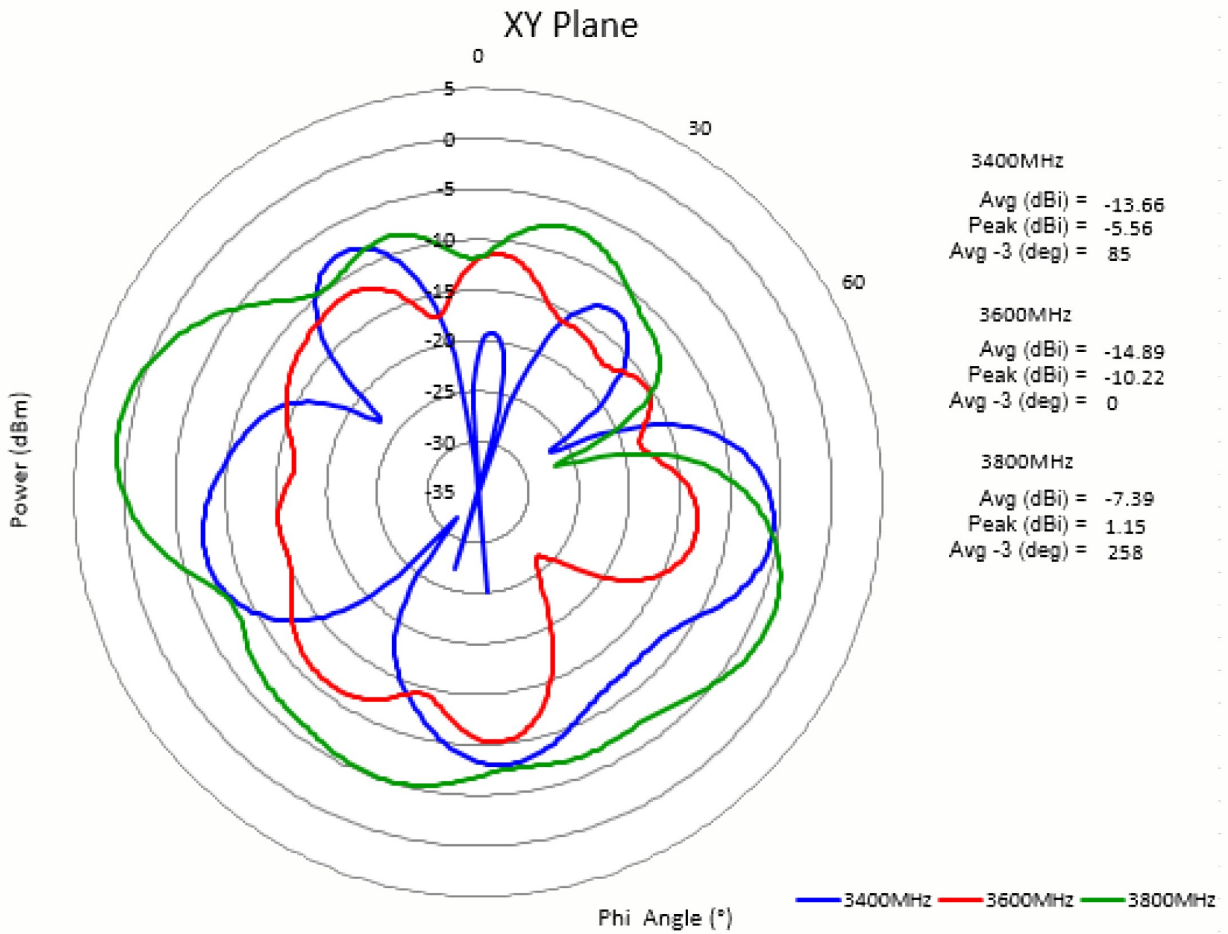
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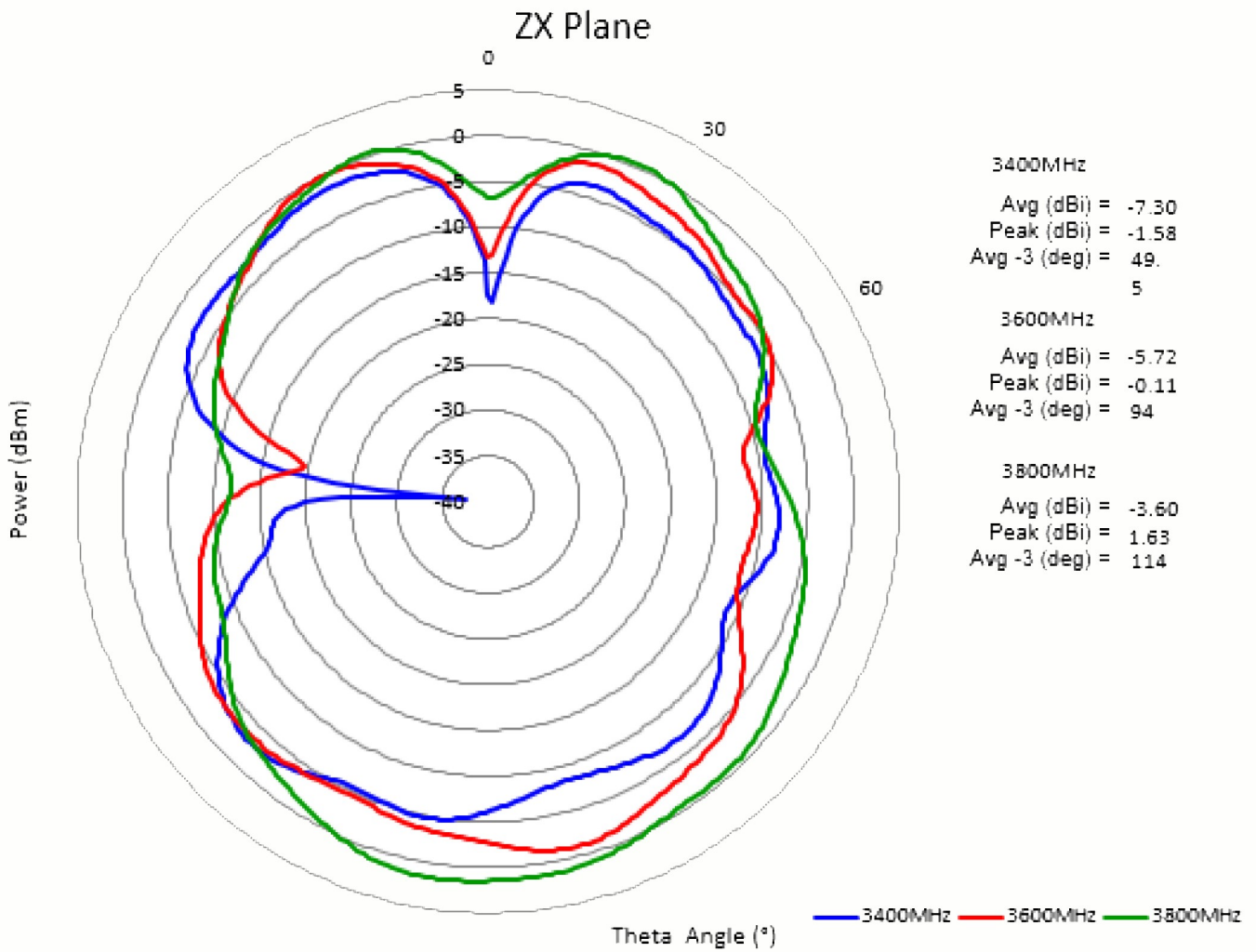
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RFMAX
ANTENNAS



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