

Passive Antenna Report

Manufacturer: Wieson

Engineer: Daly

Antenna specification

WiFiAntenna *1

Type: Rogers 0.5mm

Frequency Range : 2400-2500MHz

5150-5850MHz

Antenna photo



Wieson Technologies Co., LTD.

Address : 15F, No.237, Sec.1, Datong Rd., Xizhi Dist., New Taipei City 221006, Taiwan

Phone : 886-2-2647-1896

Website : www.wieson.com

VSWR



Frequency (MHz)	2400	2450	2500	5150	5600	5850
VSWR	1.64	1.26	1.46	1.76	1.30	1.59

Return loss



Frequency (MHz)	2400	2450	2500	5150	5470	5850
dB	-12.3	-18.8	-14.7	-11.1	-17.4	-12.8

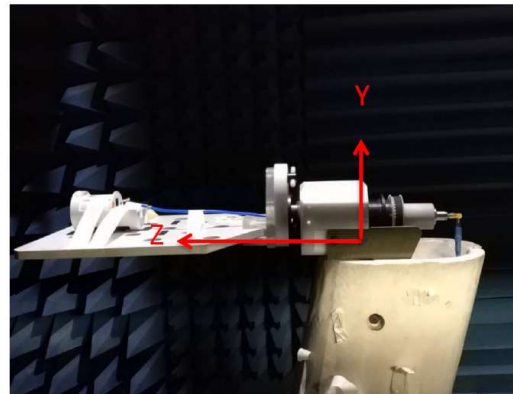
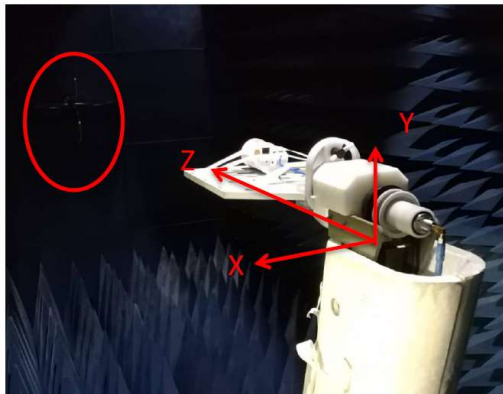
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Setup Photo



Peak gain

Frequency (GHz)	Peak gain (dBi)
2.4	0.94
2.45	0.69
2.5	0.10
5.15	2.68
5.24	2.77
5.25	2.85
5.35	2.96
5.47	3.08
5.6	3.26
5.725	2.96
5.745	3.12
5.785	2.65
5.85	1.21

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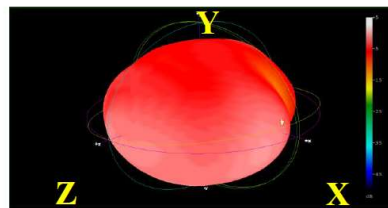
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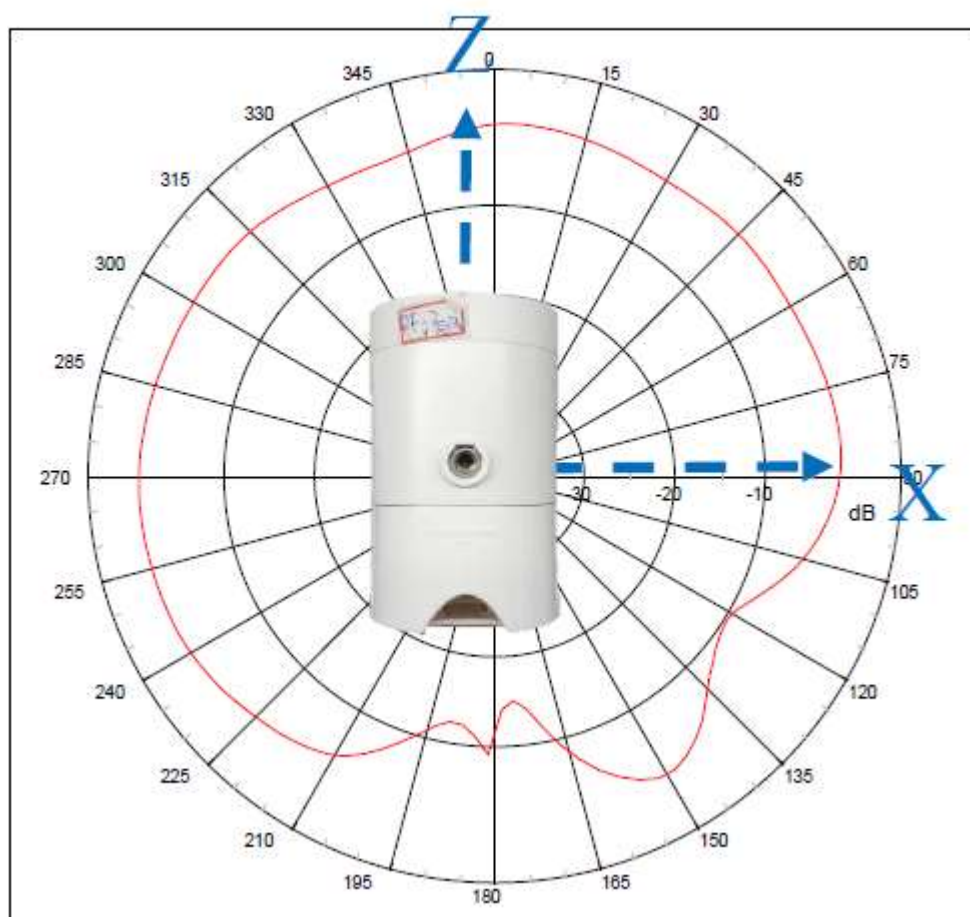
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Antenna Pattern

Rogers:2.45GHz)



XZ-plane



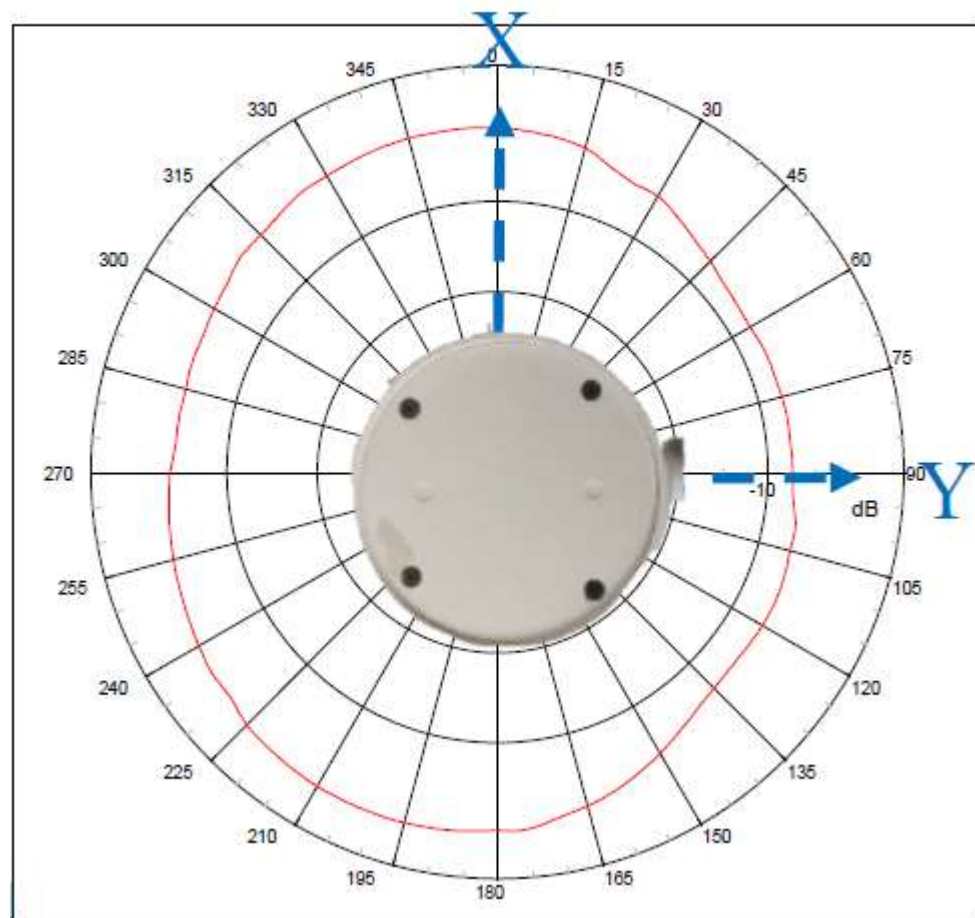
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XY-plane



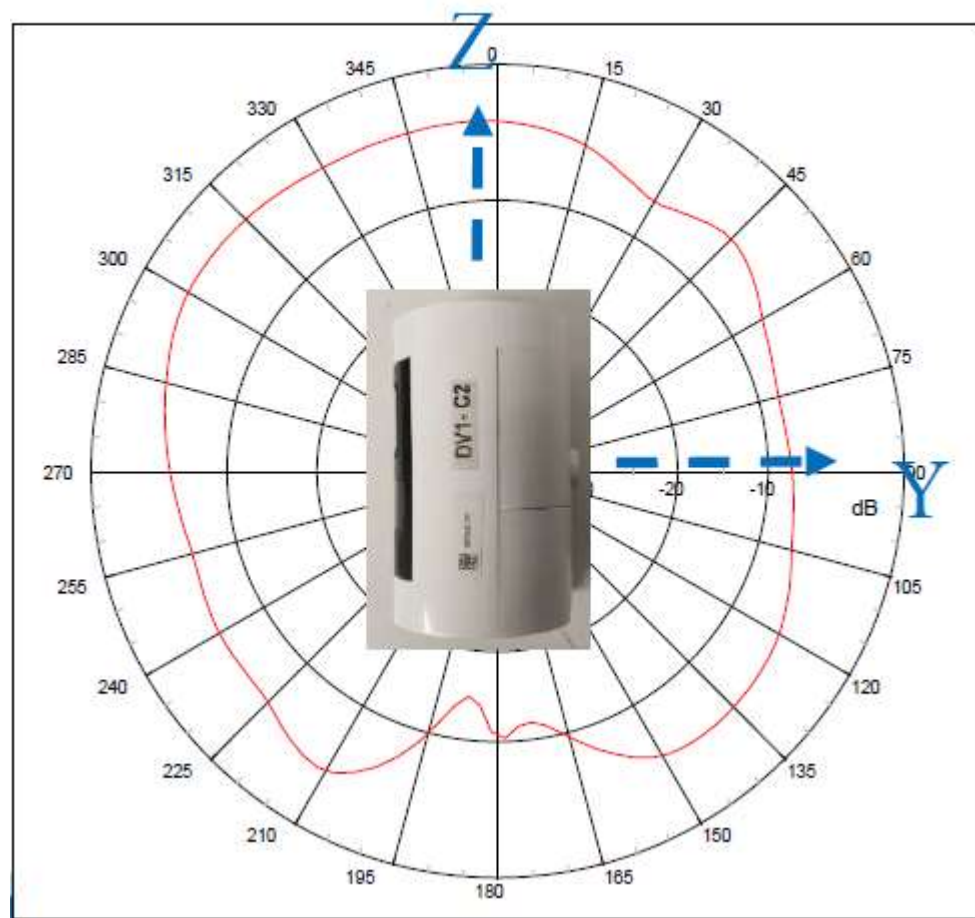
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YZ-plane



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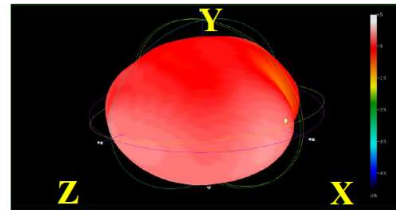
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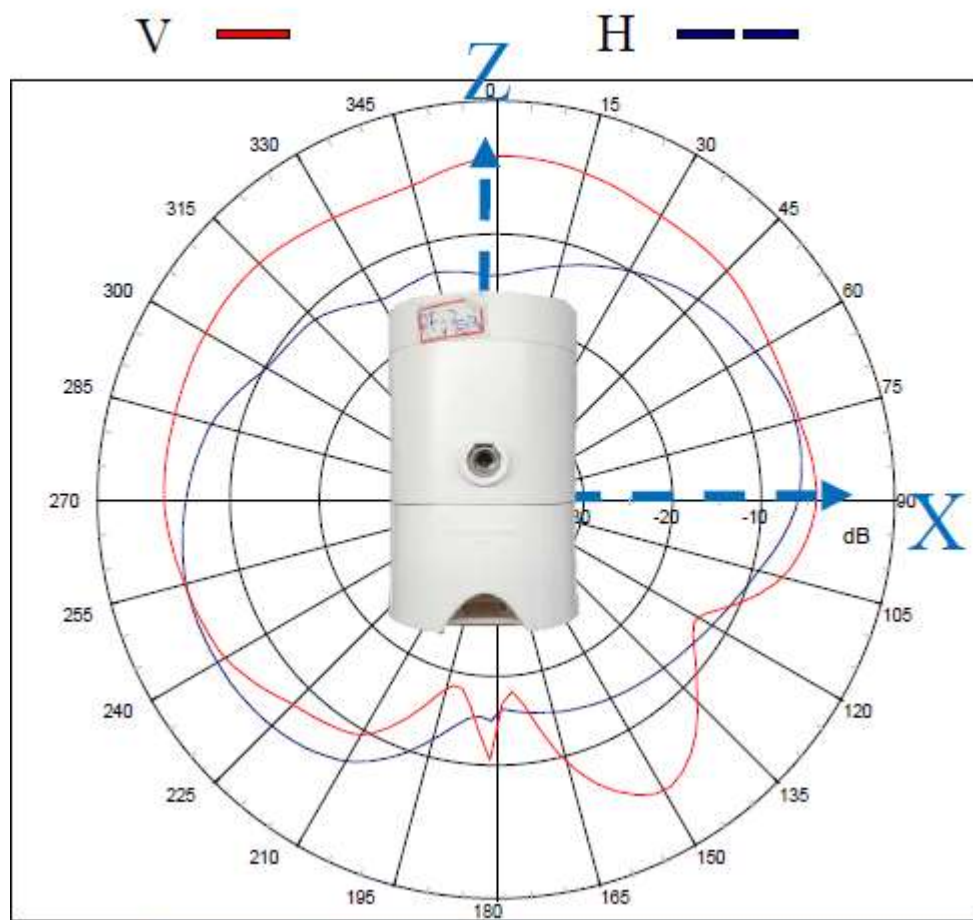
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Antenna Pattern

Rogers:2.45GHz)



XZ-plane



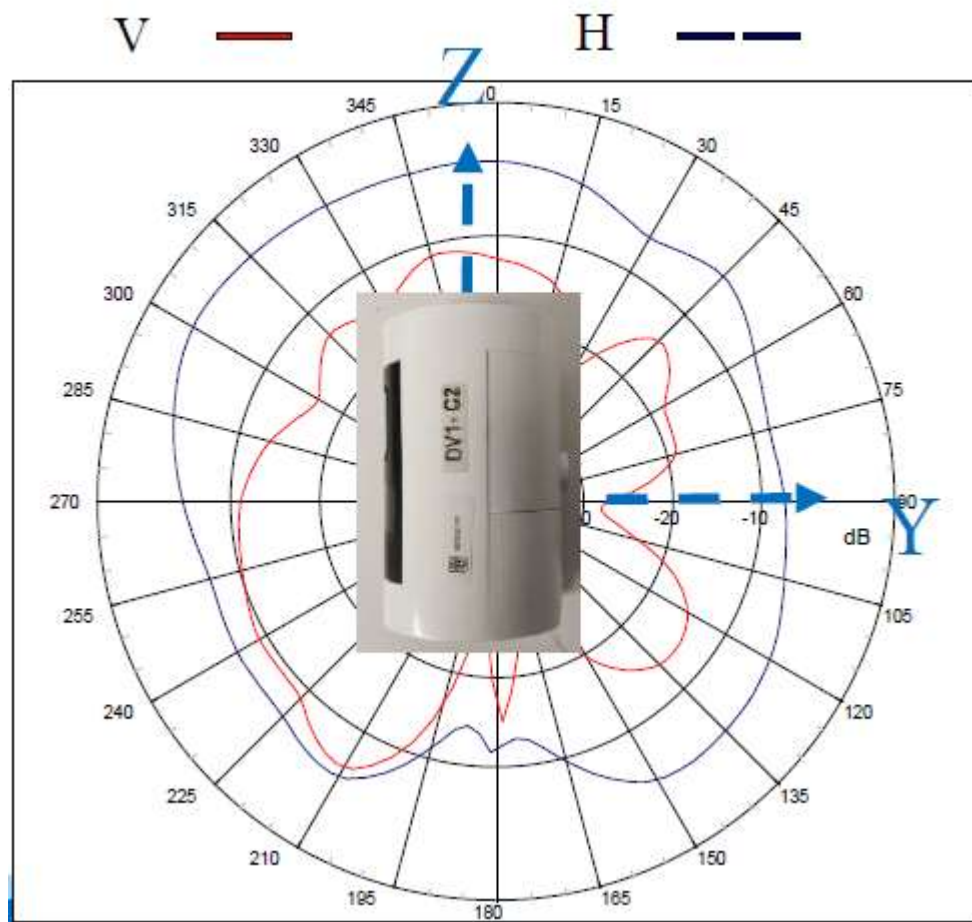
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YZ-plane



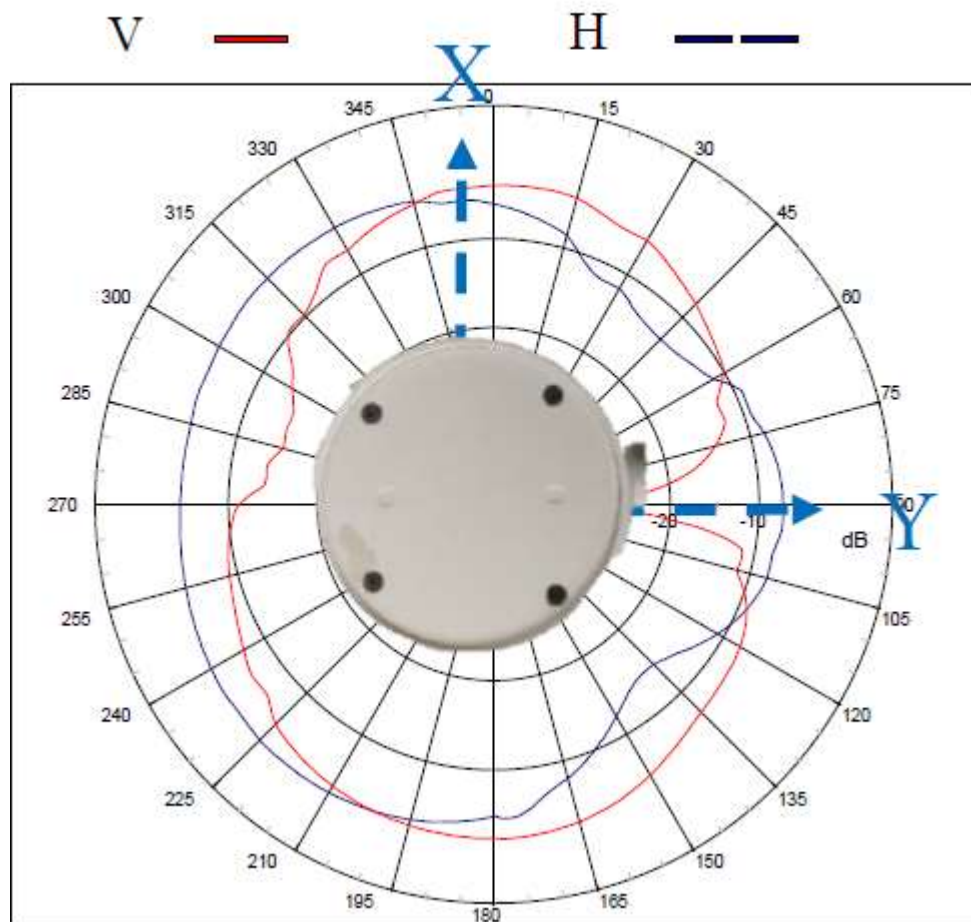
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XY-plane



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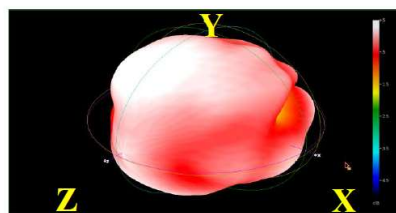
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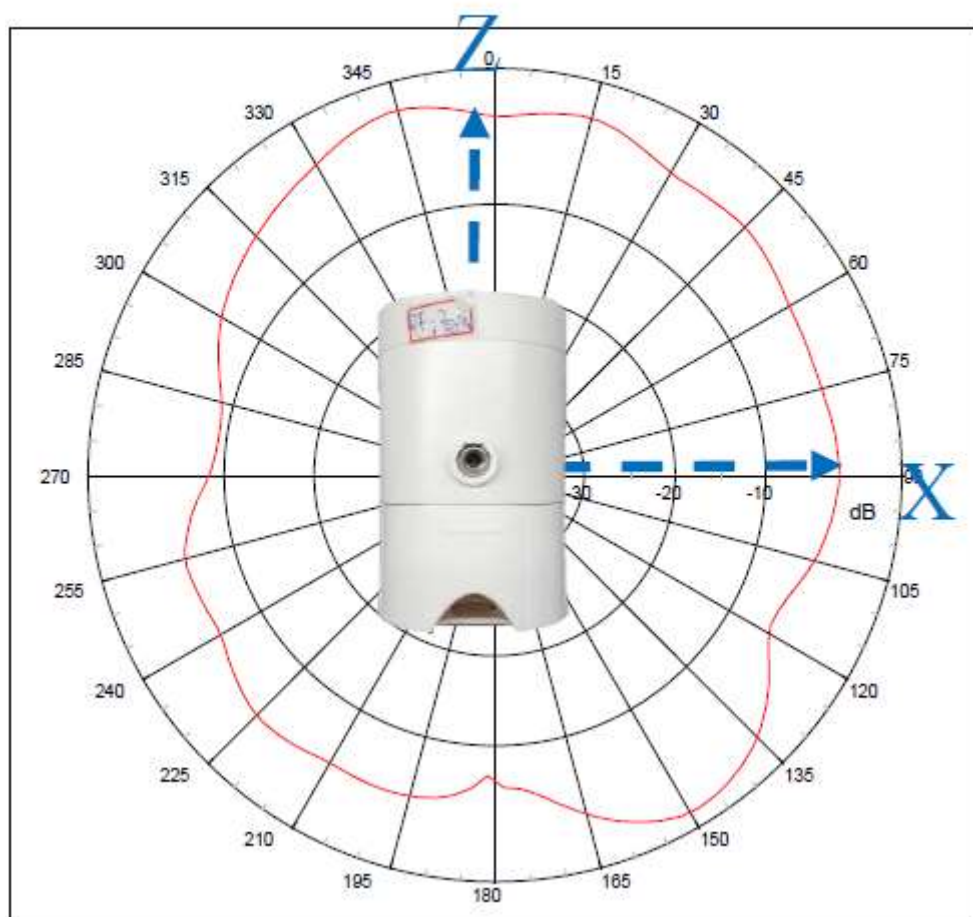
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Antenna Pattern

Rogers:5.47GHz)



XZ-plane



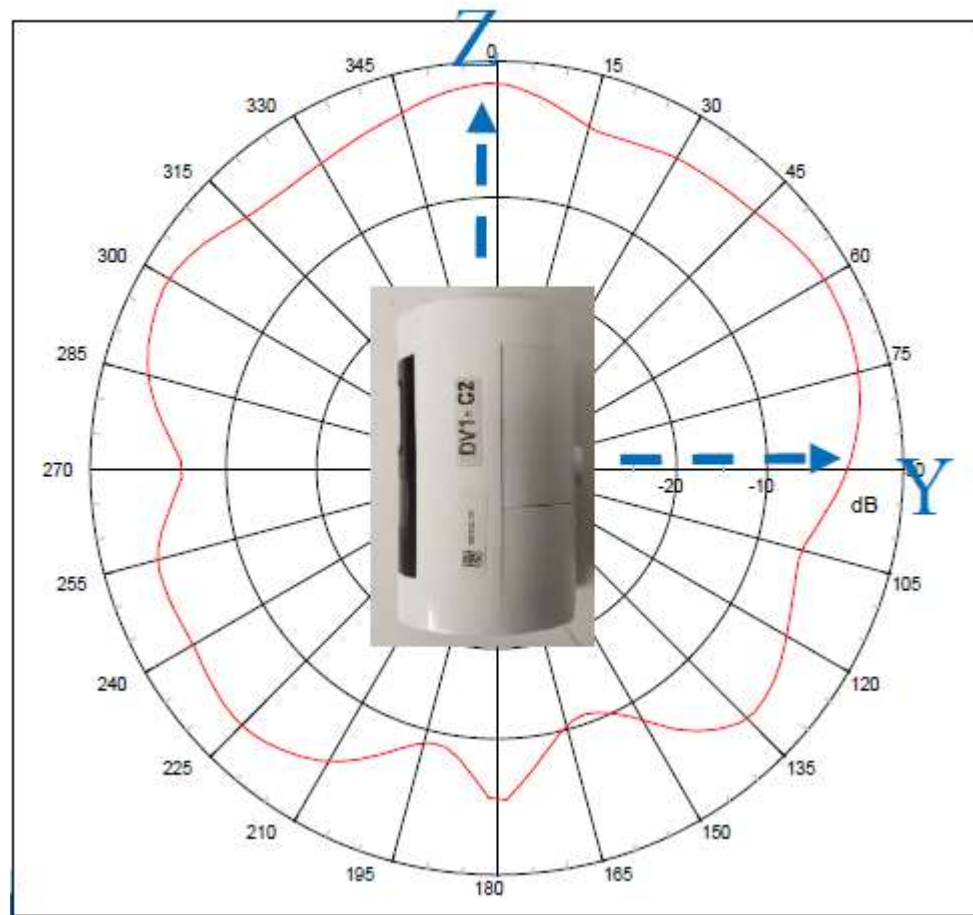
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YZ-plane



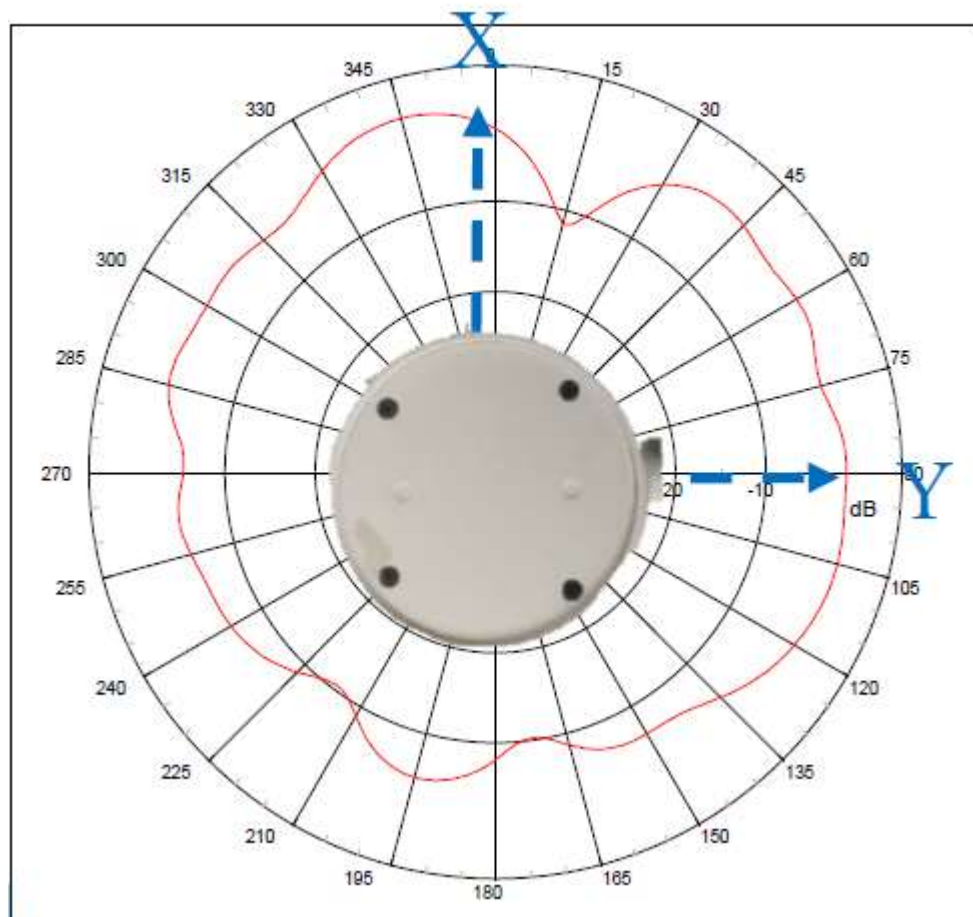
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