Pulse | LARSEN Antennas
A YAGEO Company

Series: DAS

TECHNICAL DATA SHEET

Description: 617-960/1710-2170/2300-2700/ 3400-3800/4900-7100MHz Ceiling mount

PART NUMBER: DASLTE500XXMIMO

Features:

- Multiple Input / Multiple Output (MIMO)
- 617 MHz thru 7100 MHz operation
- Industry Leading -155dBc PIM rating
- RoHS Compliant

Applications:

- In-building DAS Systems requiring low PIM performance.
- Band 71 devices (617 – 698 MHz)
- CBRS, Citizen's Broadband Radio Service devices (3.4 – 3.7 GHz)
- LTE - LAA, License Assisted Access in upper ISM bands. Typically from 5.7 – 5.925 GHz
- Supports Dual Band Wi-Fi systems up to 7.1GHz

Issue: 1924

RoHS COMPLIANT

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Pulse (Suzhou) Wireless Products Co, Inc.
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Suzhou New District
Jiangsu Province, Suzhou 215009 PR China
Tel: 86 512 6807 9998

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ELECTRICAL SPECIFICATIONS

Antenna type	(2) ¼ Wave monopoles on ground plane
Frequency	617-960/1710-2170/2300-2700/3400-3800/4900-5925/5925-7100 MHz
Nominal Impedance	50 Ω
VSWR (617-960/1710-7100MHz)	1.8:1 Max
Isolation	-17 Min
Average peak gain (617-960/1710-5925)	3/5 dBi
Average efficiency (617-960/1710-5925)	60 % Min
Radiation Pattern	Omni
Average HPBW Vertical Plane (617-960/1710-5925)	92/45 °
Polarization	Vertical for each radiator
Power withstanding	50 W
PIM at 2x20 watts	-155 dBc

MECHANICAL SPECIFICATIONS

Width / height / Length	170.8 / 120 / 221.6 (6.73” / 4.72” / 8.73”)
Weight	625 g (1.38 lbs)
Antenna Color / Plastic material	White / UV Protected, UL94 V-0 rated
Connector type/Cable type	See table
Cable length	500 mm
Fixing system	Ceiling mount

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40° to +85° C
Ingress Protection	IP30
RoHS Compliant	Yes

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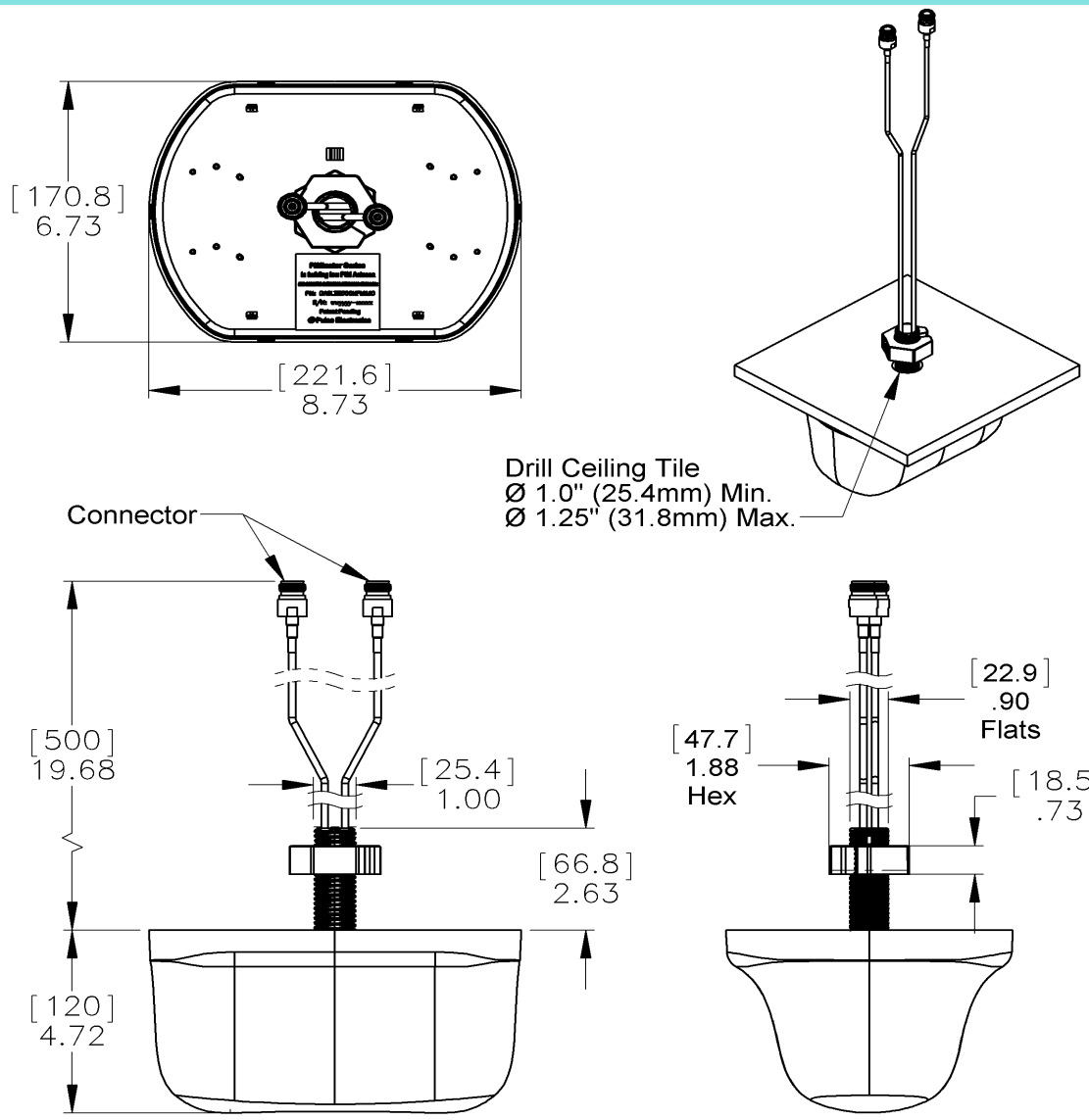
MECHANICAL DRAWING



P.N	Cable	Cable Length	Connector
DASLTE500NFMIMO	RG402 (1/4" low loss, low PIM cable)	500 +25/-60mm	N-Female (x2)
DASLTE5004310MIMO			4.3-10 (x2)

All dimensions are in mm / inches

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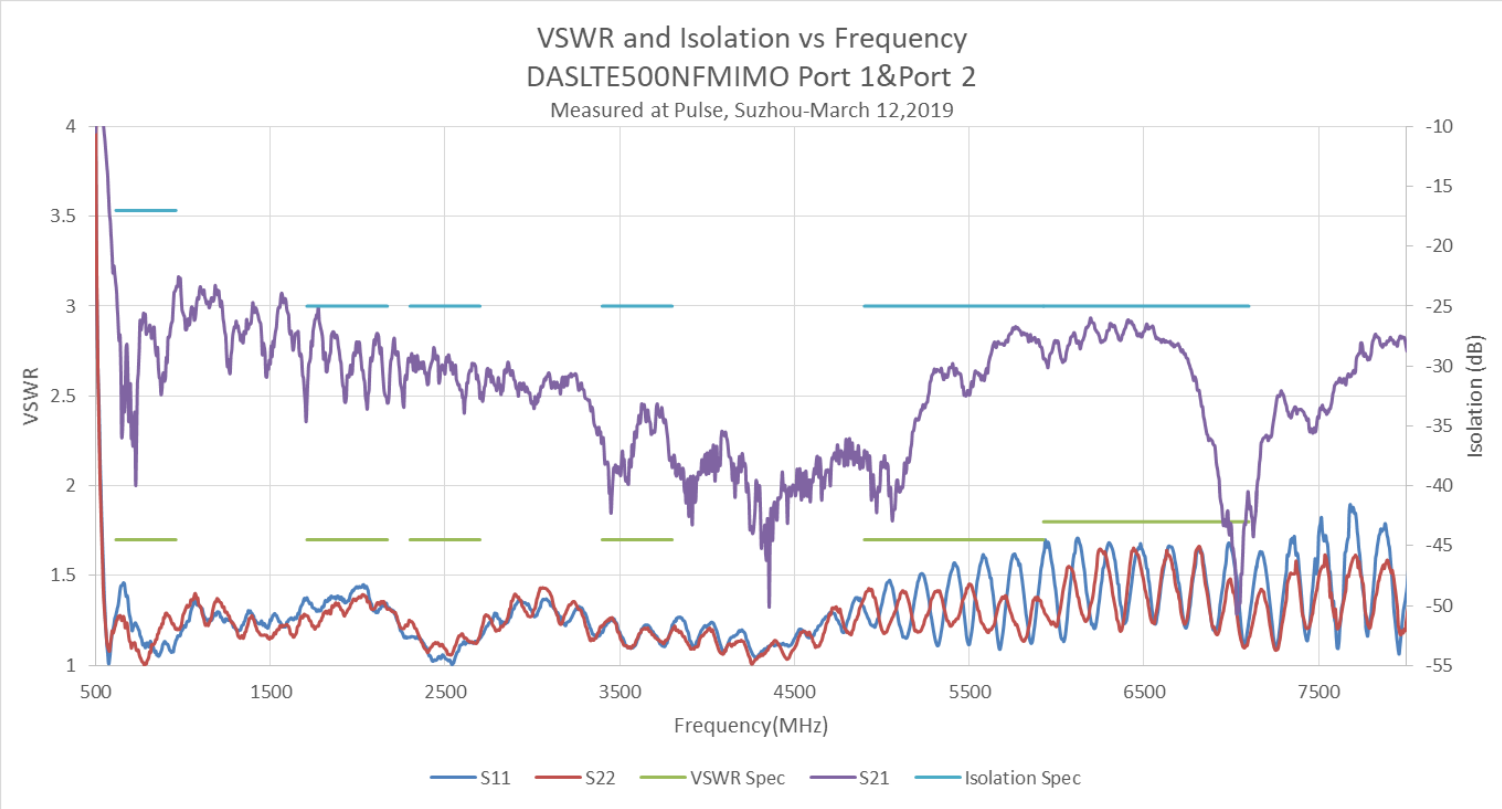
CHARTS



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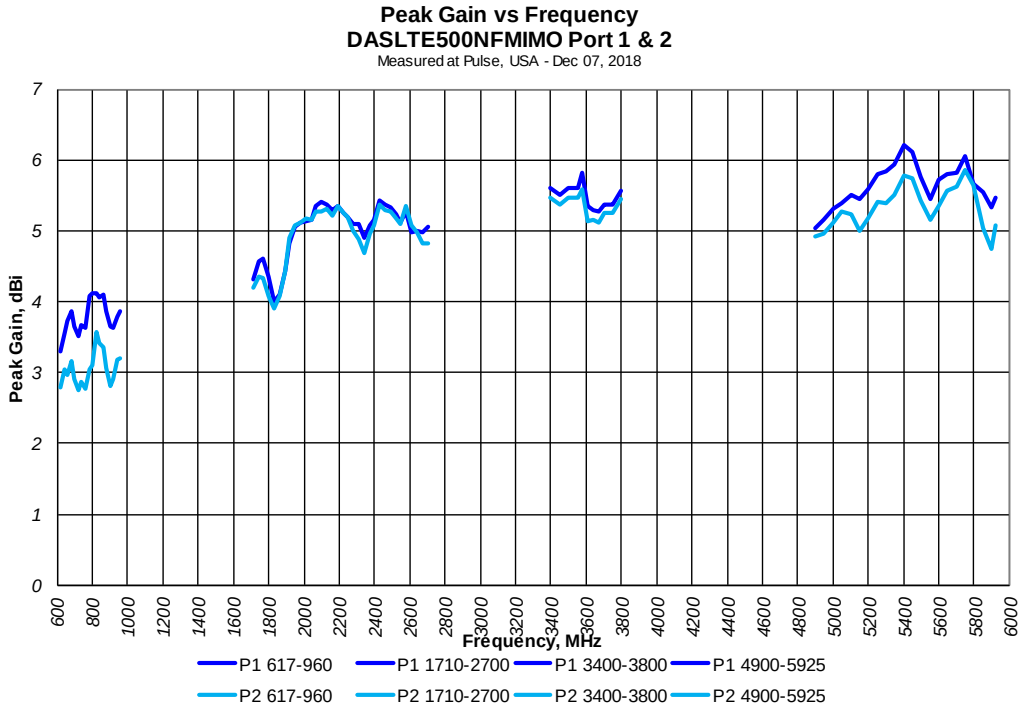

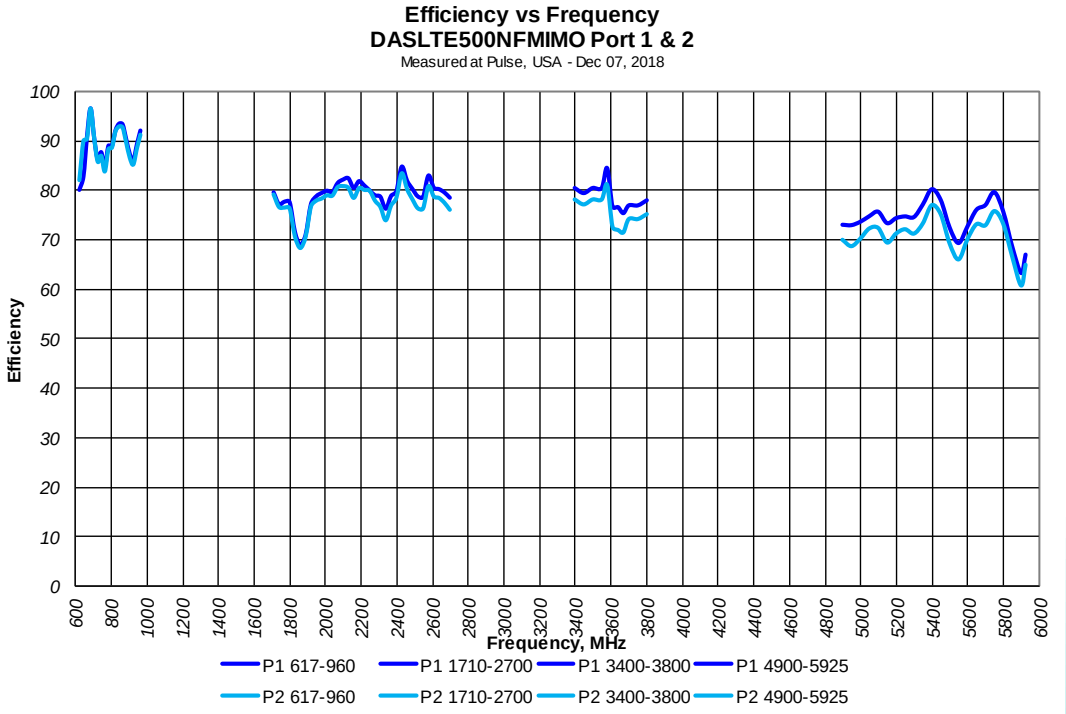

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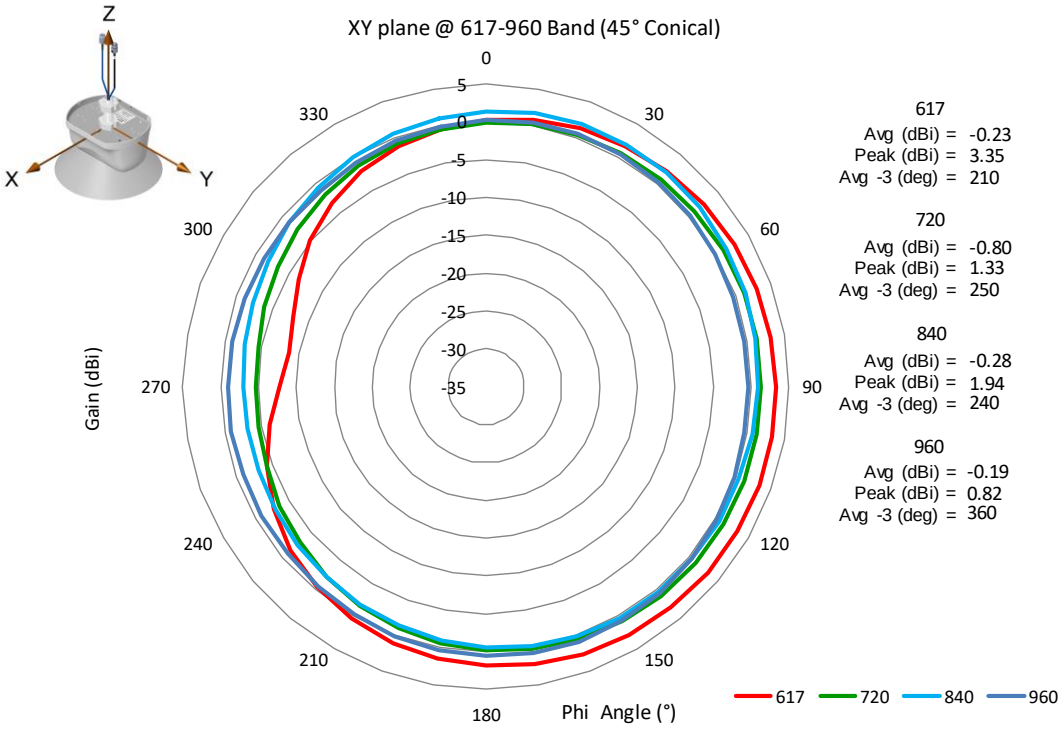

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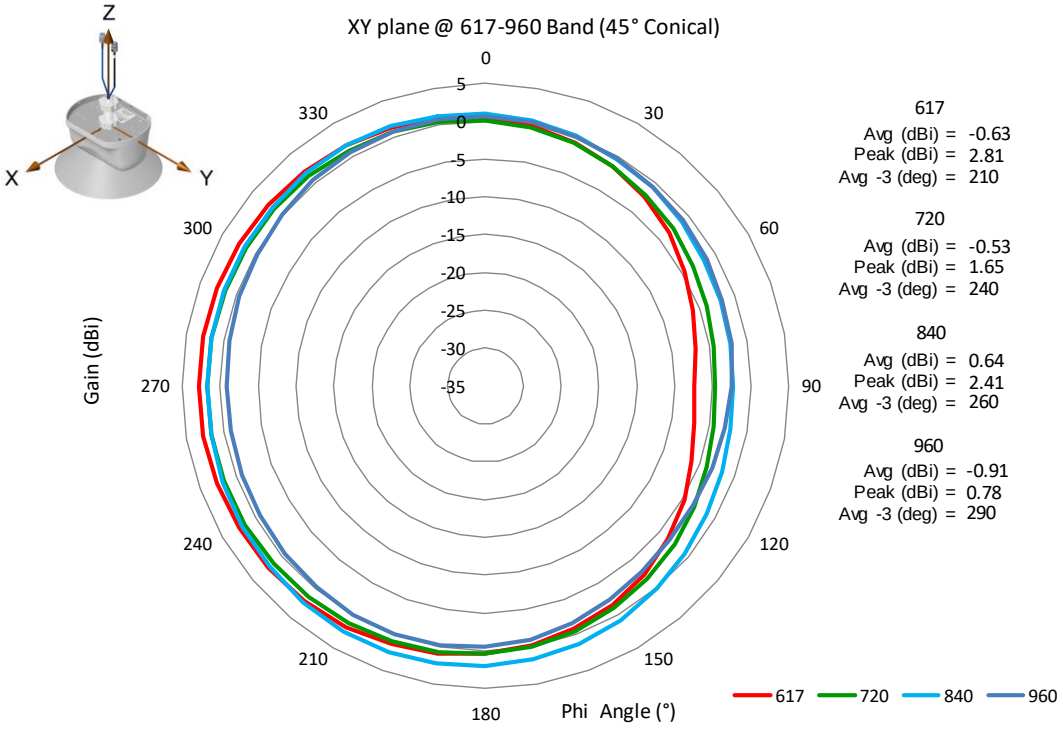

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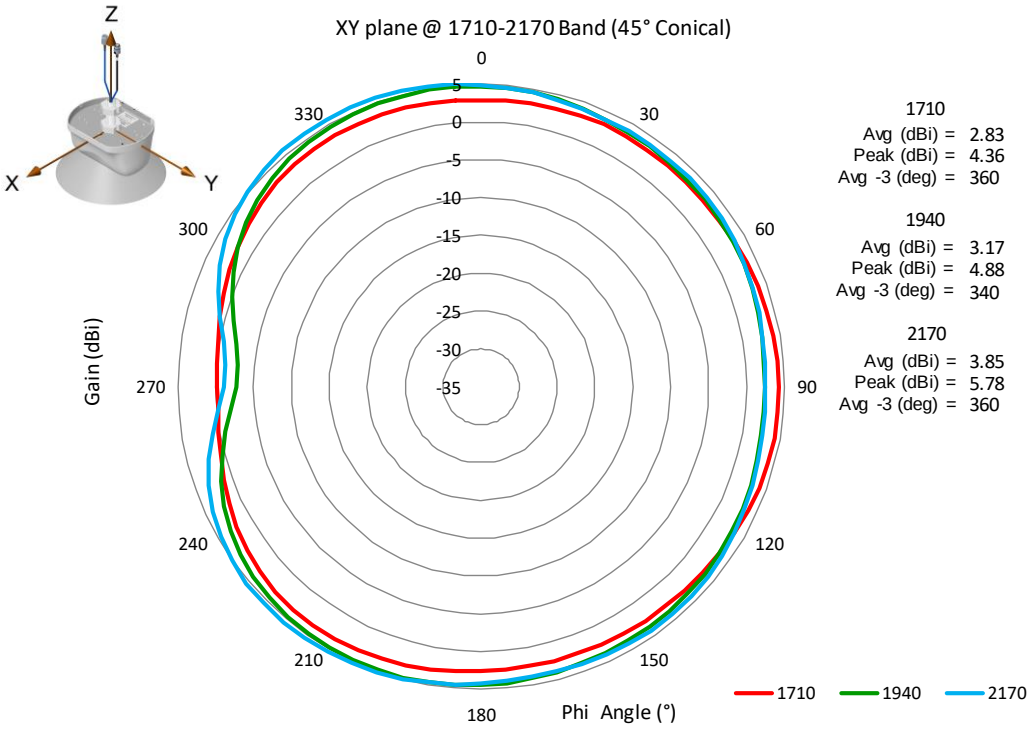

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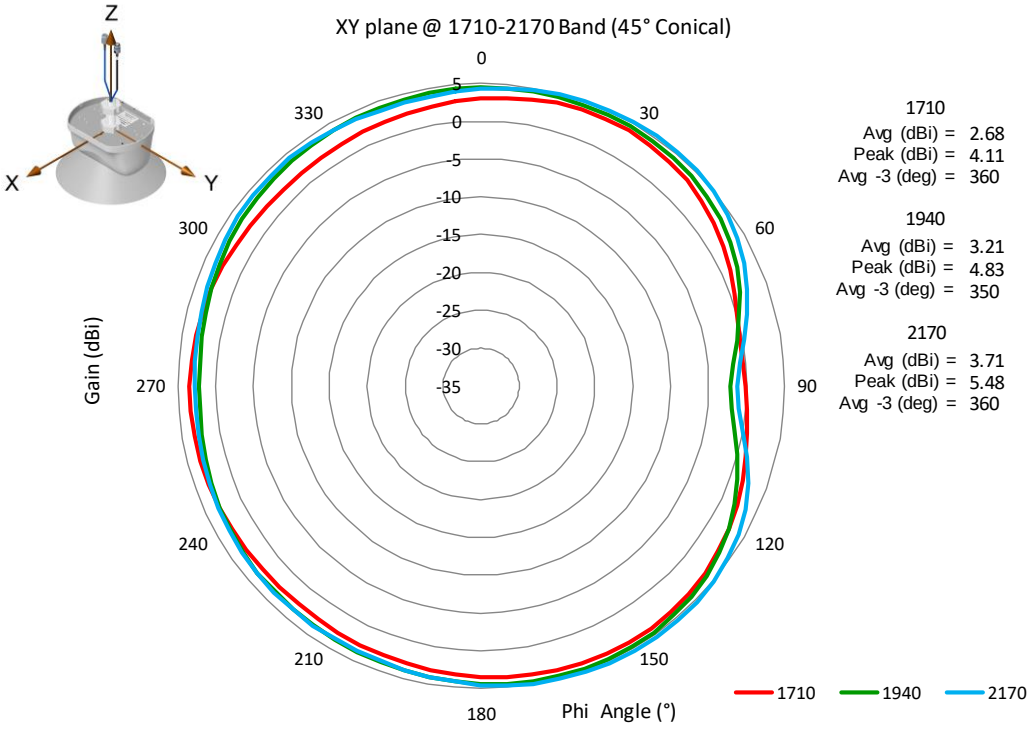

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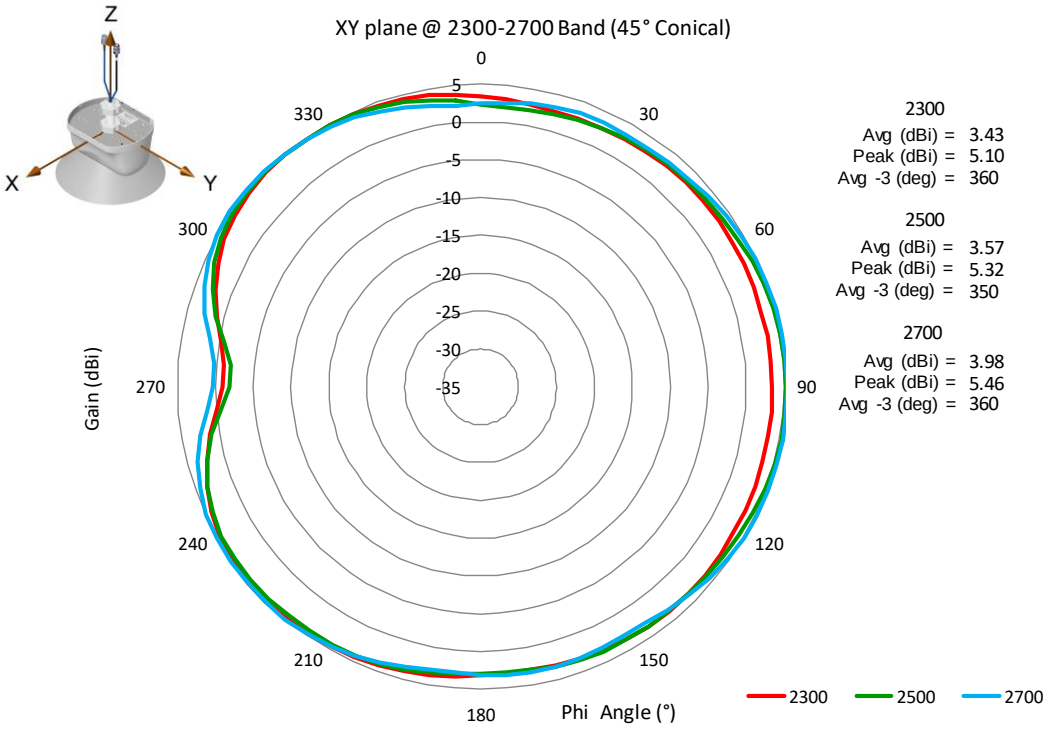

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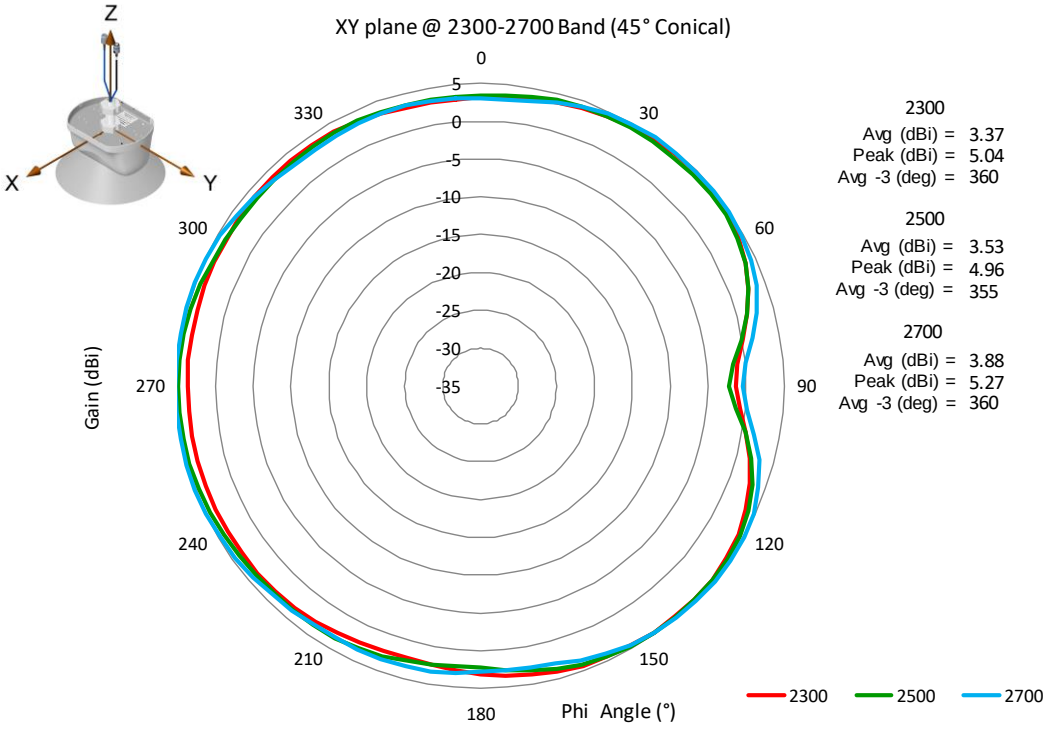

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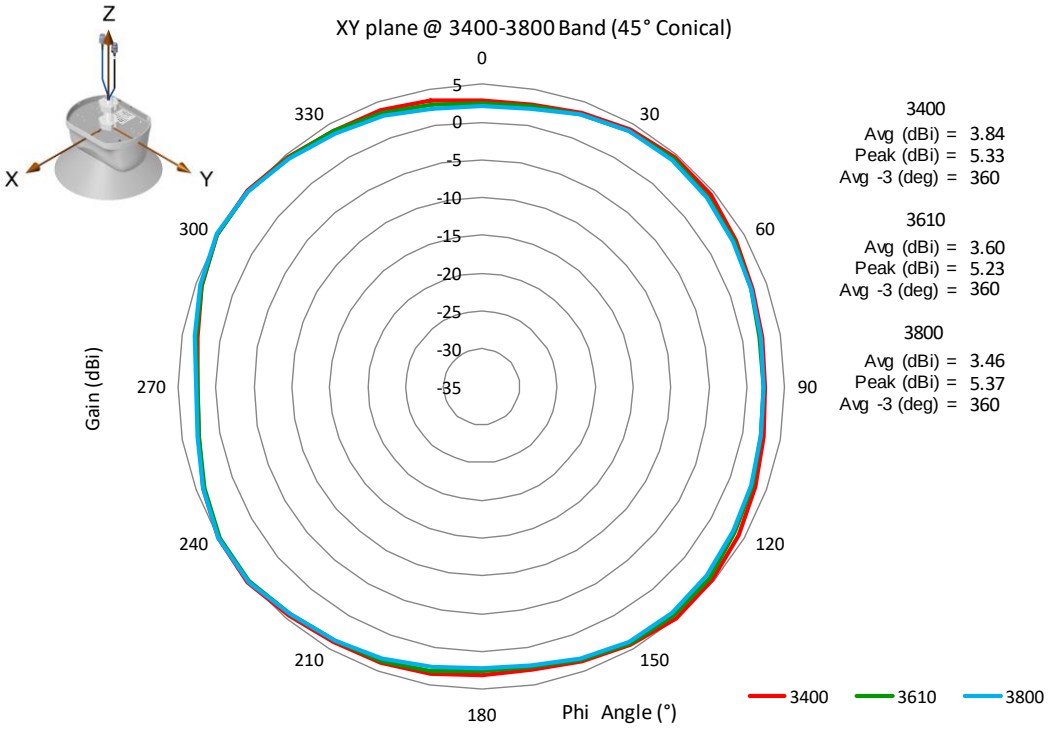

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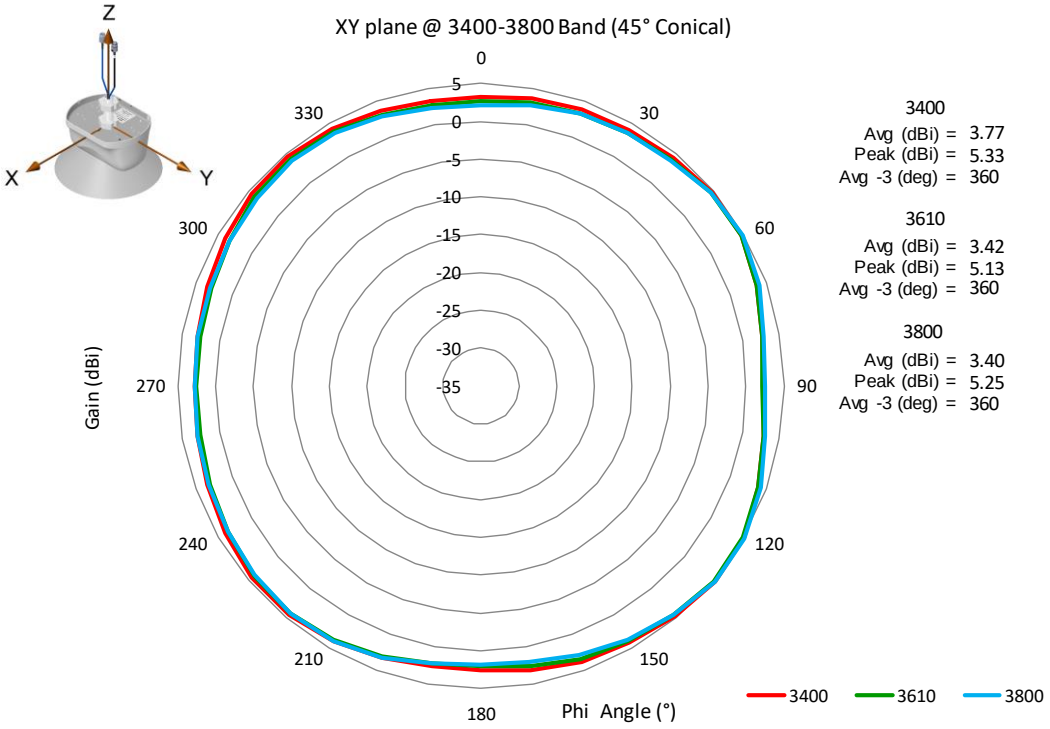

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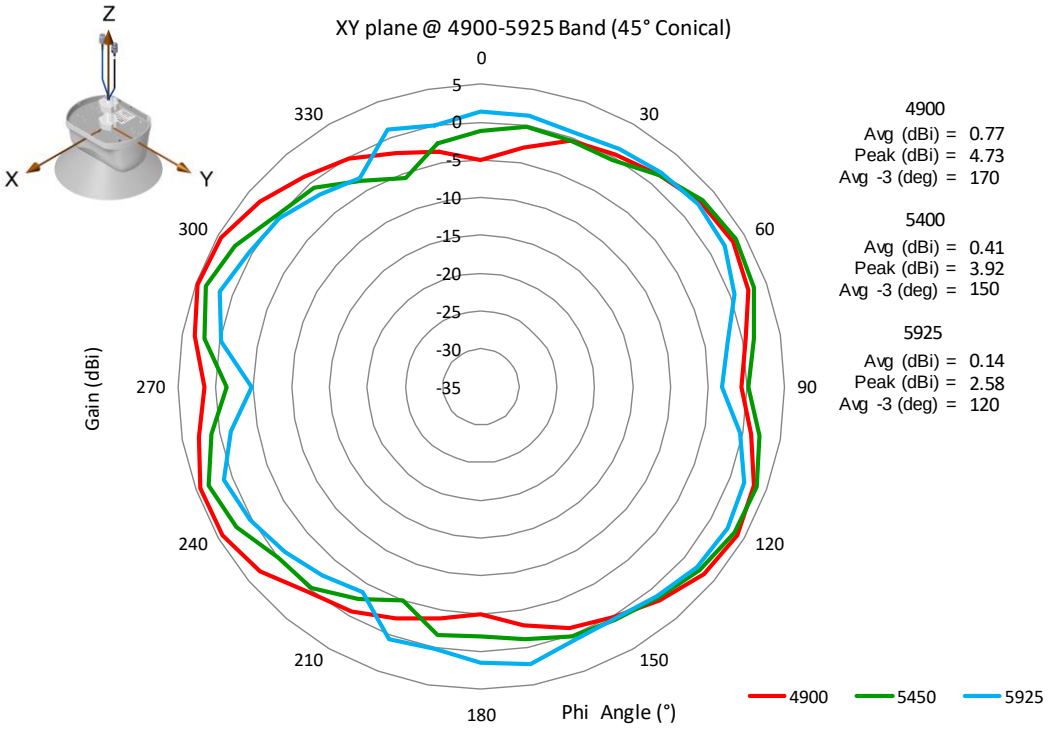

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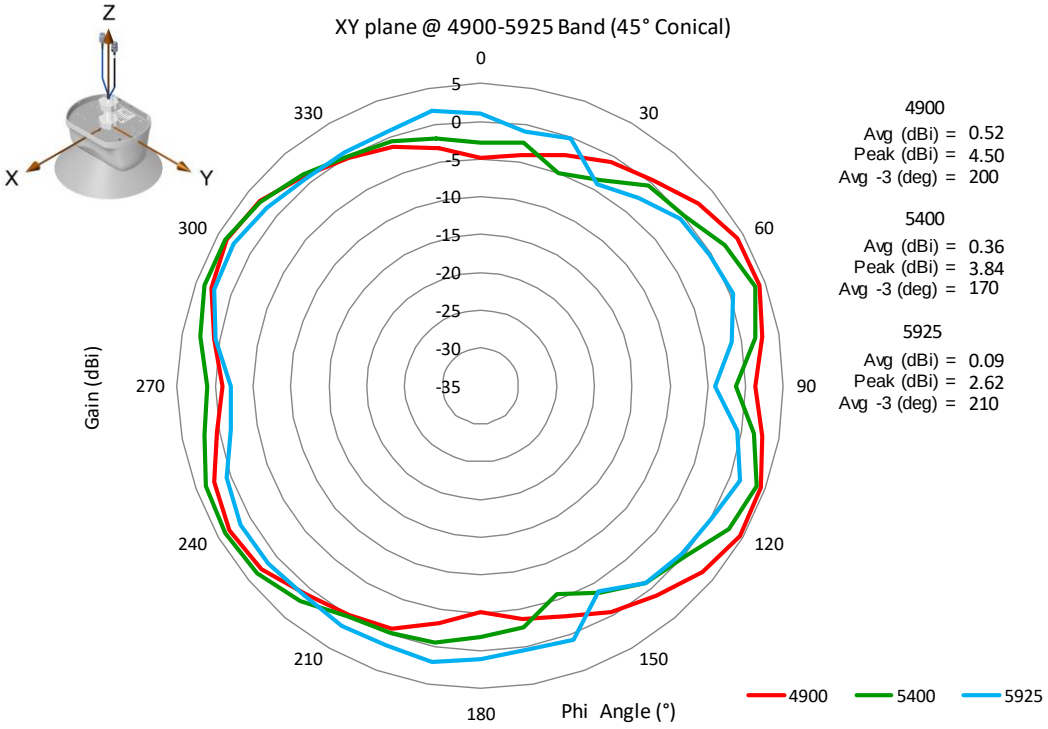

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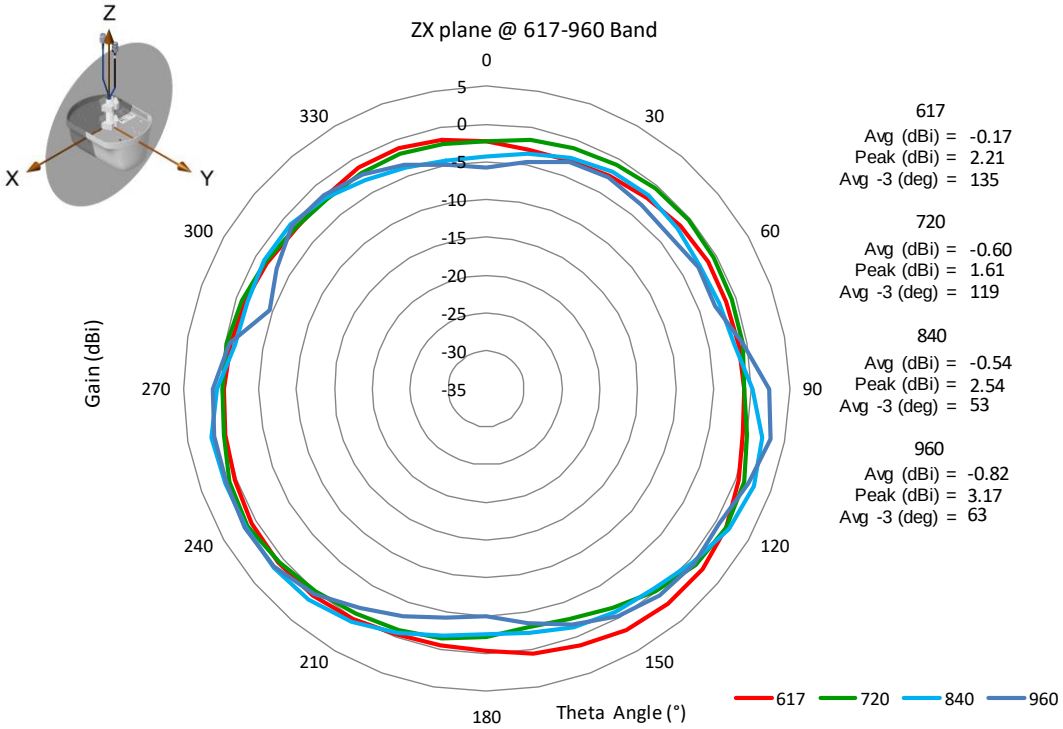

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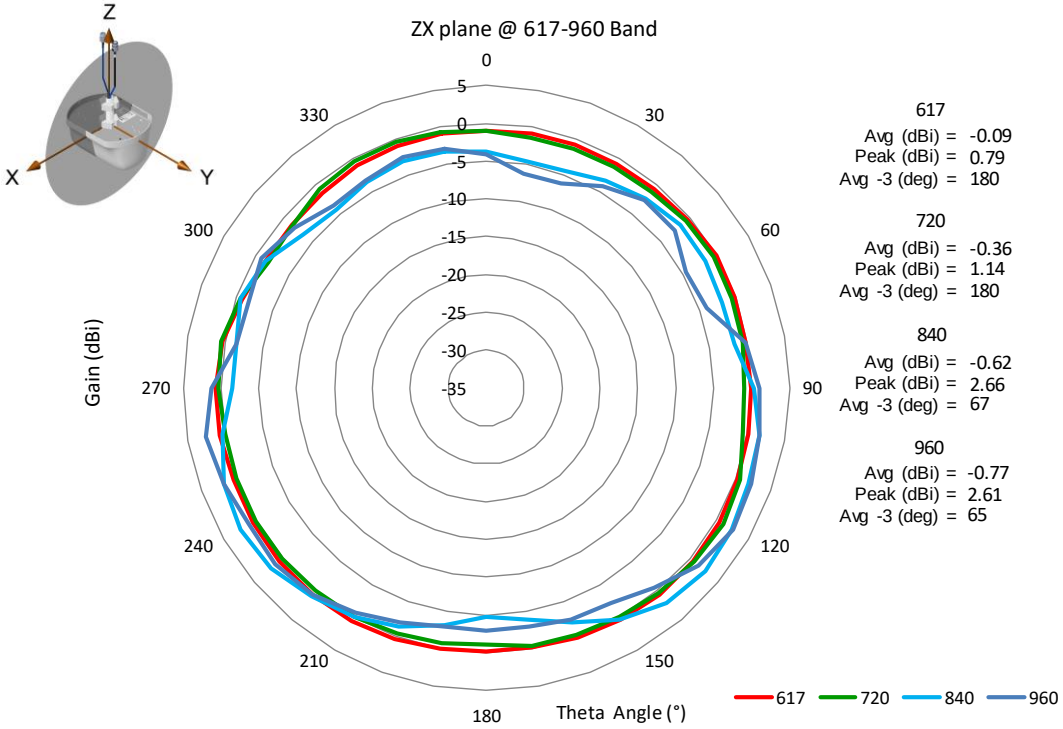

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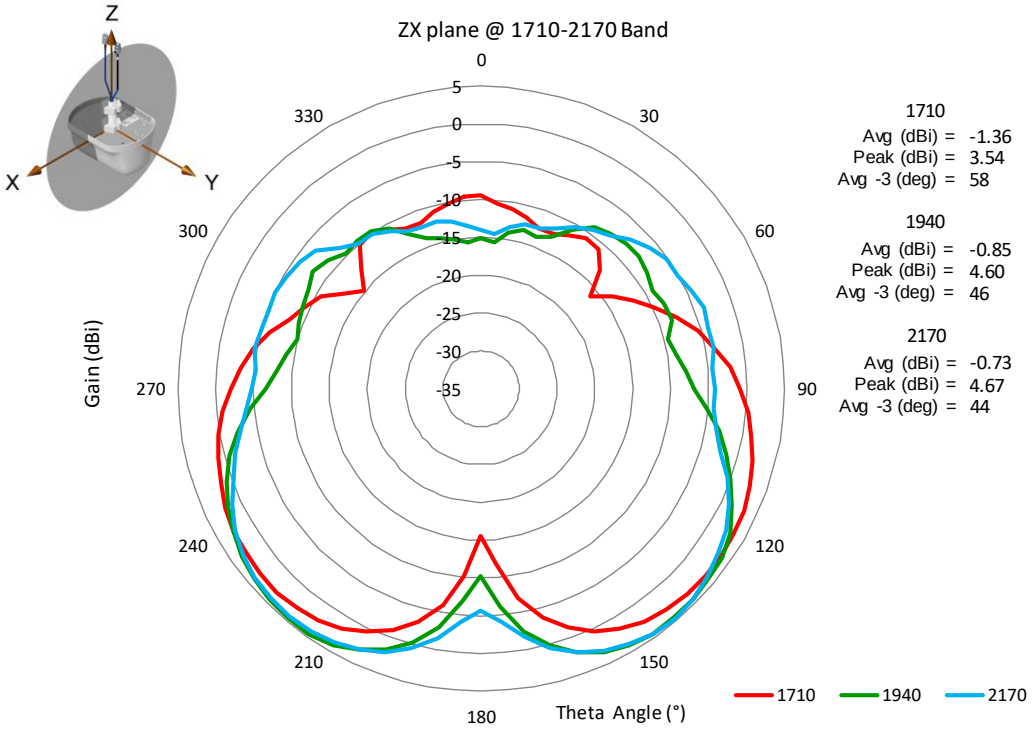

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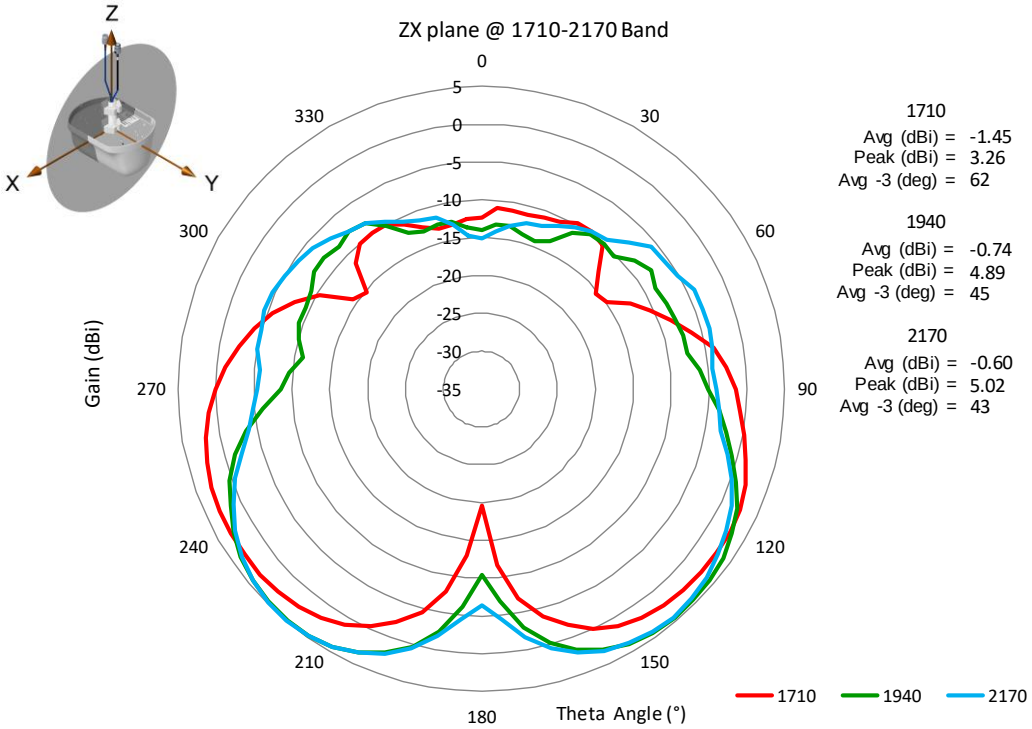

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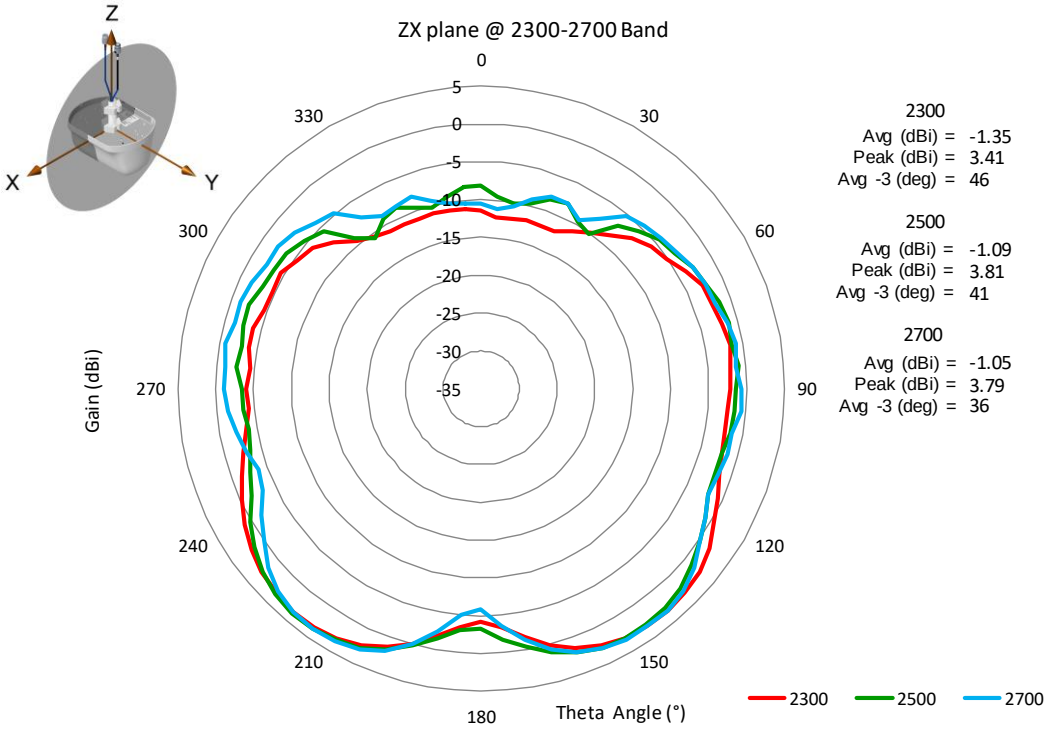

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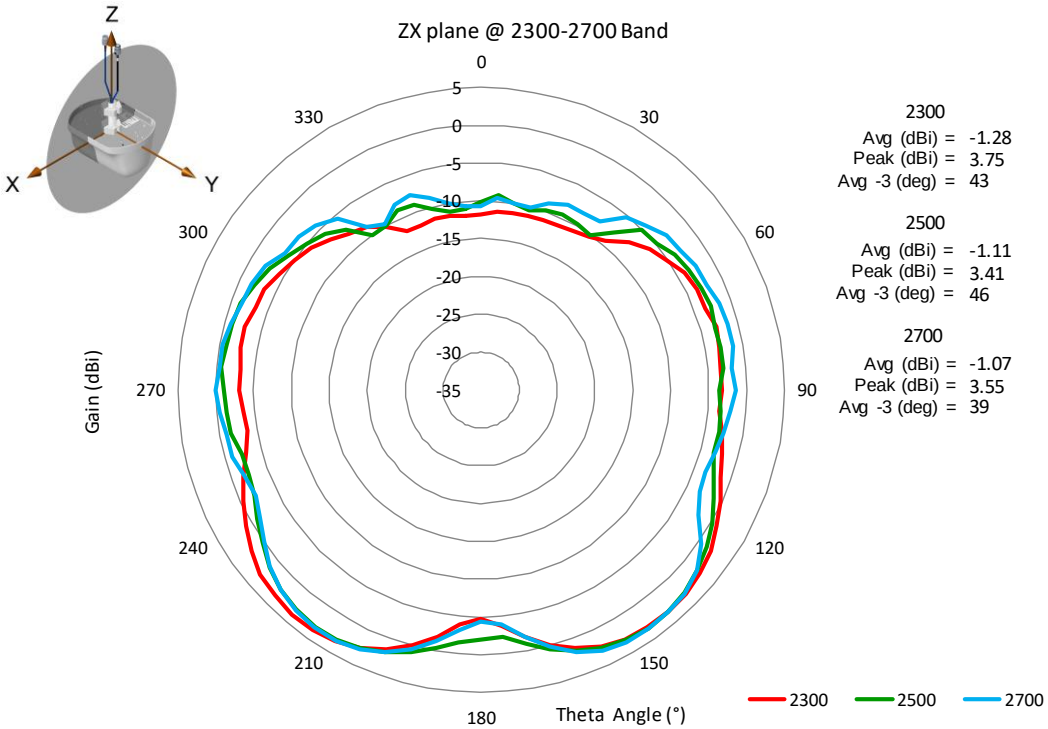

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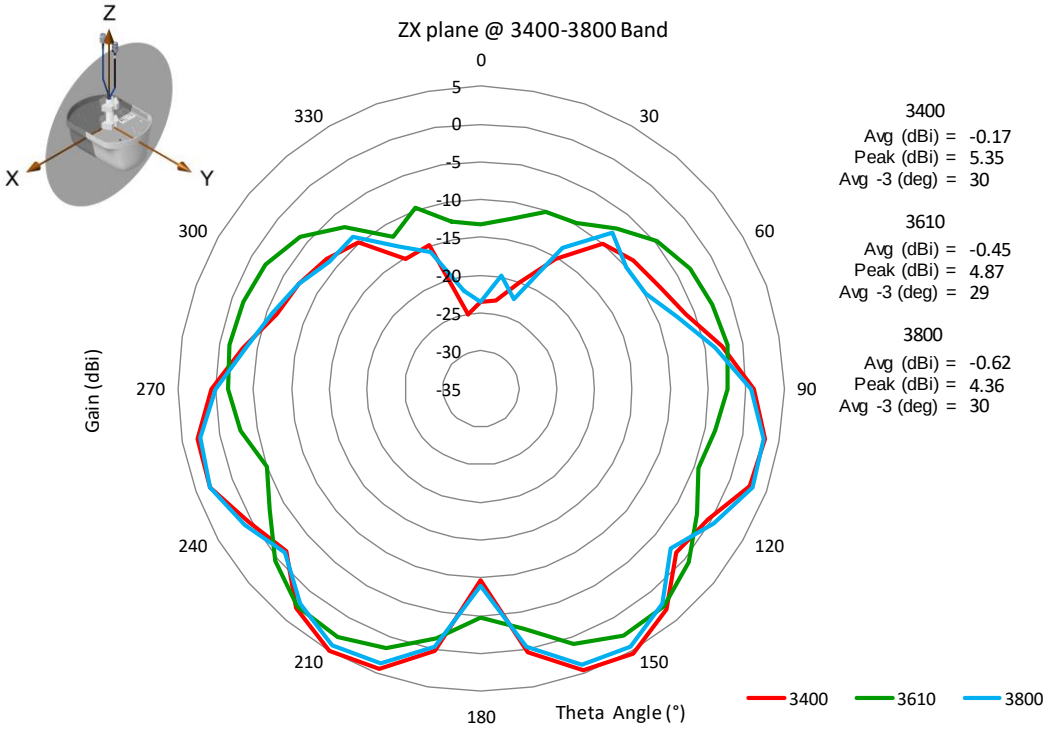

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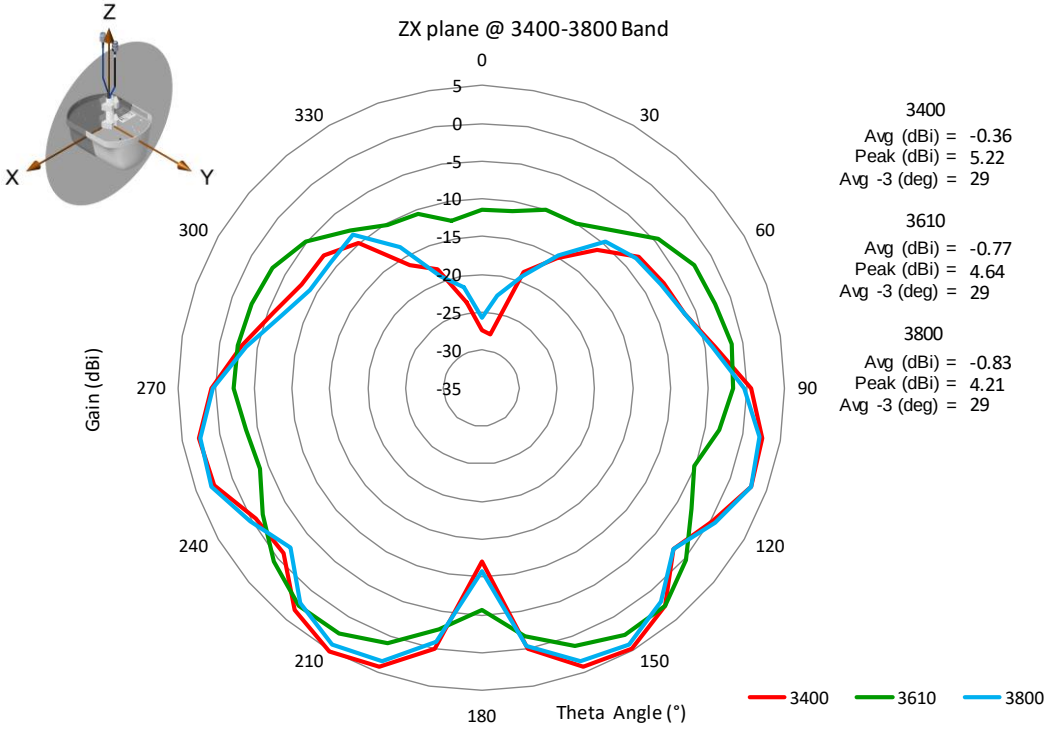

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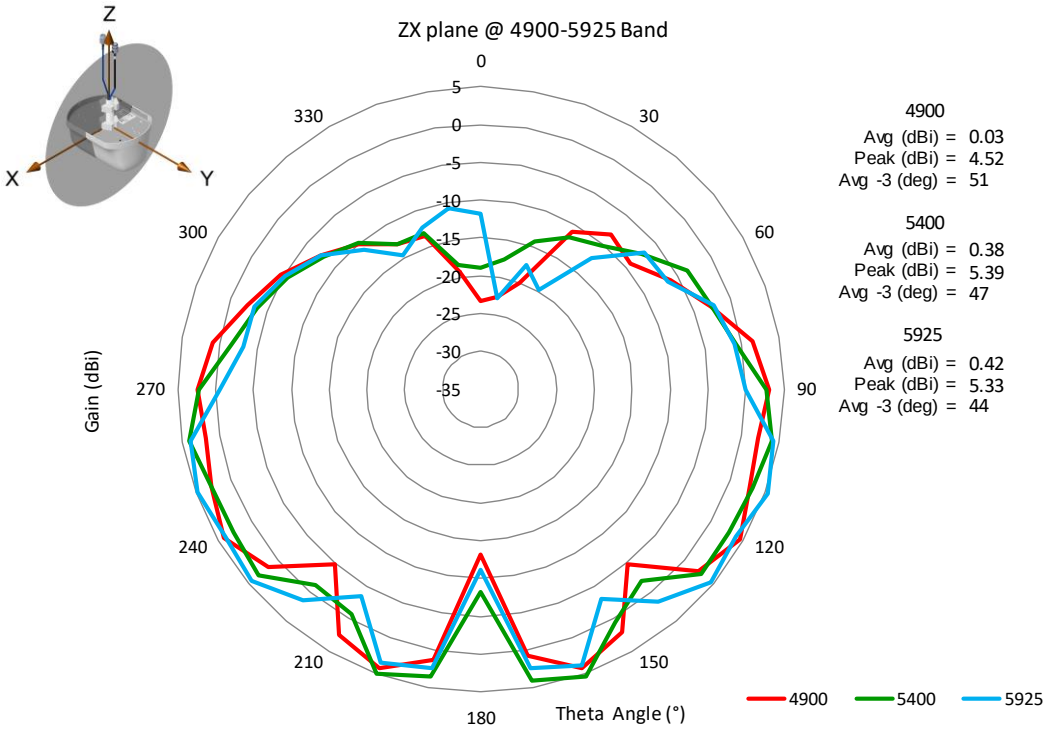

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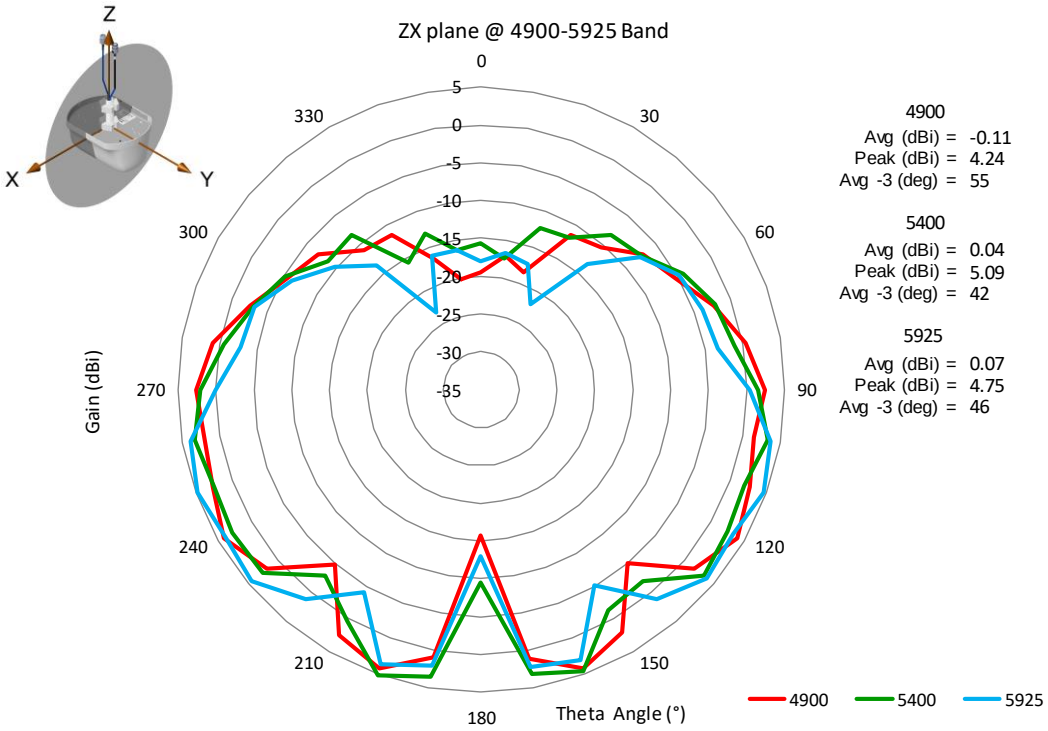

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PACKAGING

1 antenna packed in a plastic bag

1 label on each plastic with part number, description, date code.

Total : 12pcs antenna per carton box

Carton Box Size: 575x485x480 mm

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