

Series: Low Profile Transit

**Description: 617-7125MHz,
Magnetic mount, Monopole**

**PART NUMBER: LPT600/71MM200SMA (Black)
LPT600/71MM200SMAW (White)**



Features:

- 4G / 5G LTE
- 617-960/1710-2170/2300-2700/
3400-3800/4900-7125MHz
- Includes New Band 71 (617- 698 MHz)
and CBRS Bands 42 and 48 (3.4-3.7
GHz)
- Omni radiation pattern
- Average peak gain 617-960 MHz 2dBi
1710-7125 MHz 5.9 dBi
- Power rating 60W
- Size Dia. 88mm (3.46")
- Height 102.5mm (4.04")
- Magnetic mount (Metal surface
required)
- 3047.9mm (10ft) Low loss cable/SMA-
Male

Applications:

- 4G / 5G (LTE)
- Utility boxes
- Smart metering
- IoT Devices

Issue: 1923

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Antenna type	Monopole, Measured on 304.8mm (12") SQ ground plane
Frequency	617-960/1710-2170/2300-2700/3400-3800/4900-7125 MHz
Nominal Impedance	50 Ω
VSWR (617-960/1710-7125)	2.5:1
Average peak gain (617-960/1710-7125)	2/5.9 dBi
Average efficiency (617-960/1710-7125)	82/79 %
Radiation Pattern	Omni
HPBW Vertical Plane (617-960/1710-7125)	80/40 °
Polarization	Vertical
Power withstanding	60 W

MECHANICAL SPECIFICATIONS

Diameter / height	88 / 102.5mm (3.46" / 4.04")
Weight	292 g (0.64 lbs)
Antenna Color / Material	Black or White / UV Stabilized plastic
Cable / Connector	3048 (10ft) Low loss cable / SMA-MALE
Mounting	Magnetic (Metal surface required)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40° to +85° C
Ingress Protection	IP67
RoHS Compliant	Yes

OTHER SPECIFICATIONS**Issue: 1923**

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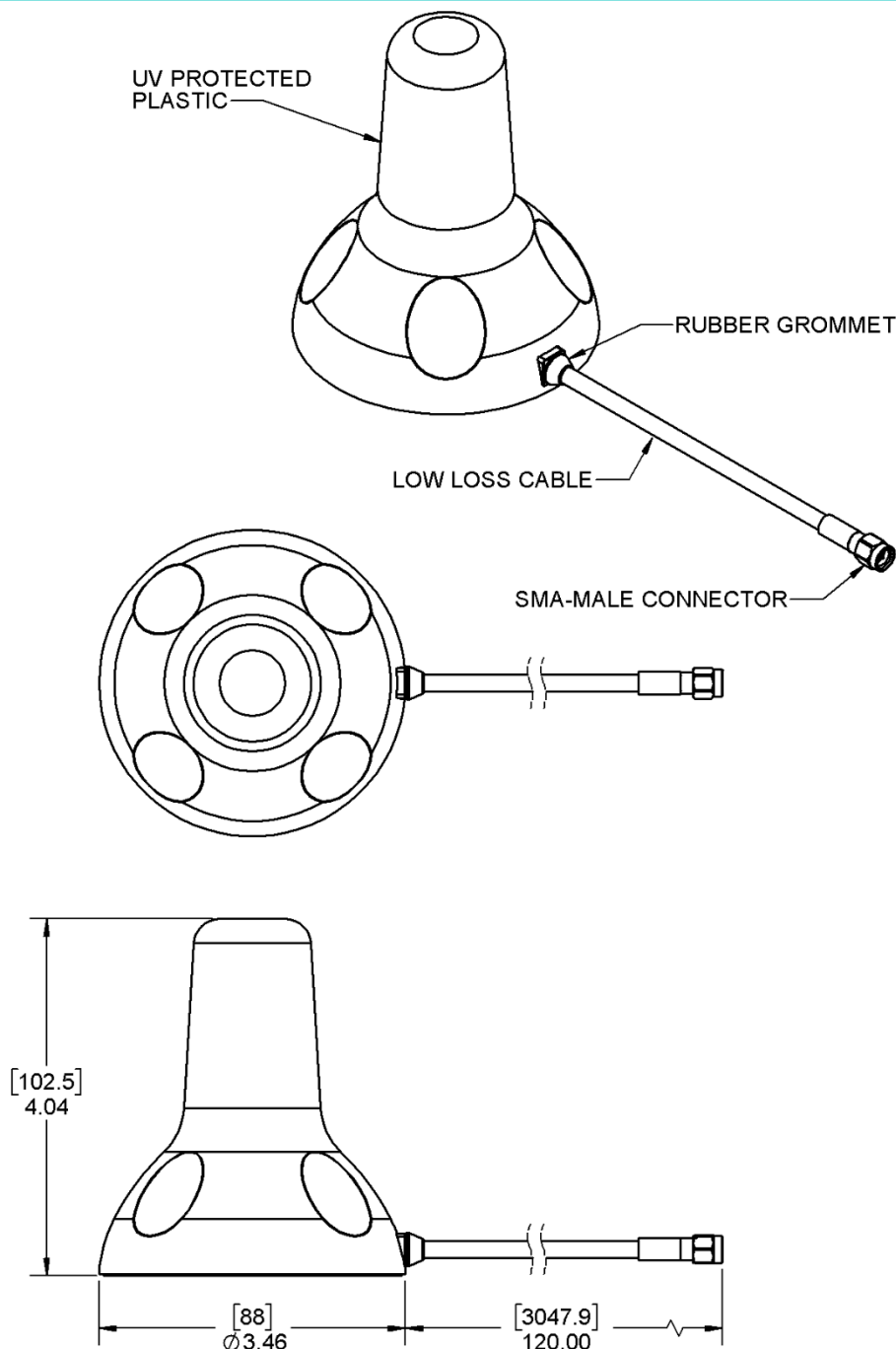
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MECHANICAL DRAWING



All dimensions are in mm / inches

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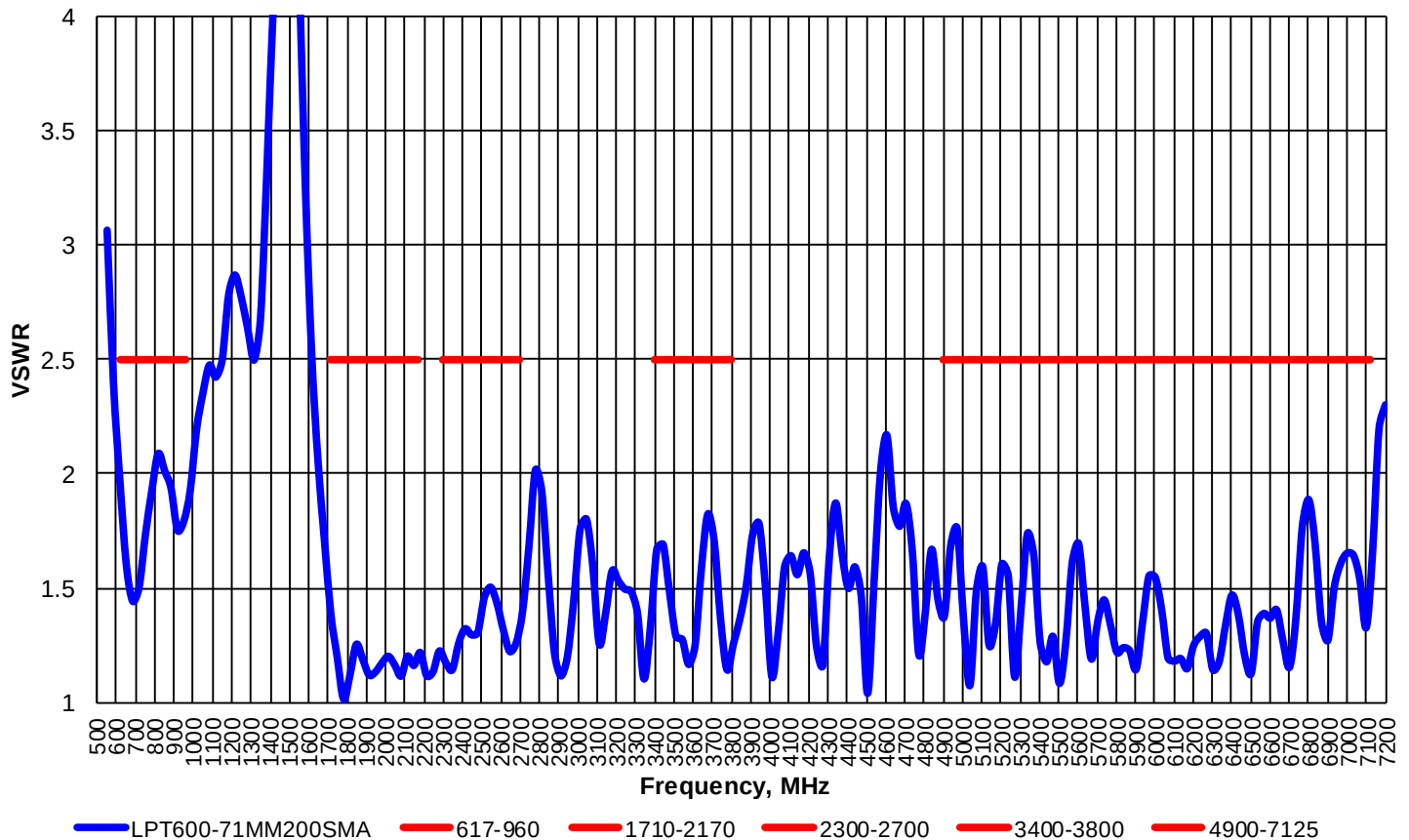
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CHARTS

VSWR vs Frequency
LPT600/71MM200SMA Measured on 12" SQ GP & 10' Cable
Measured at Pulse, USA - Jan 10, 2019



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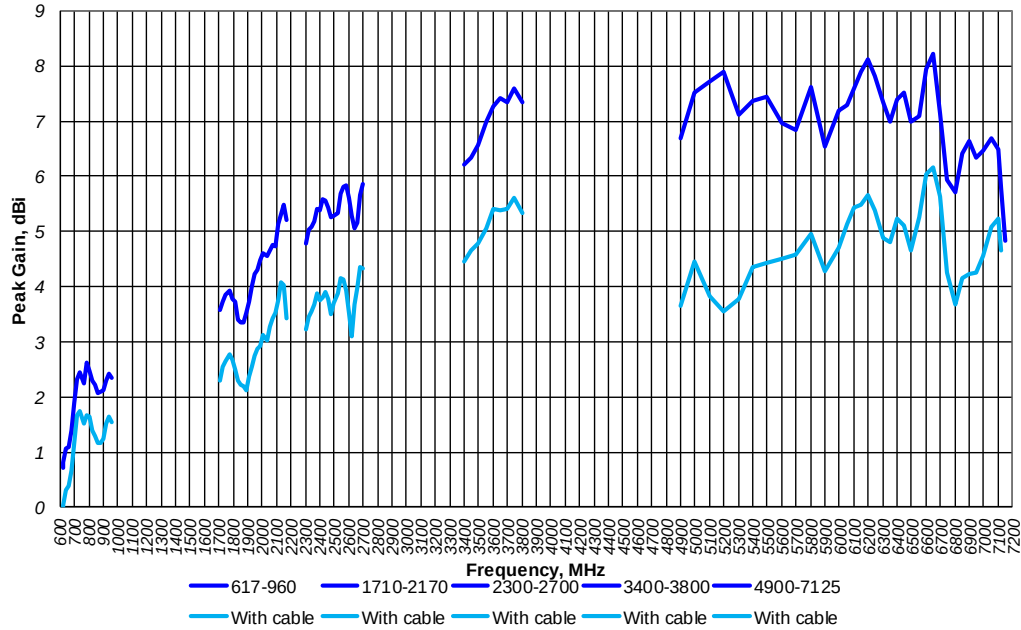
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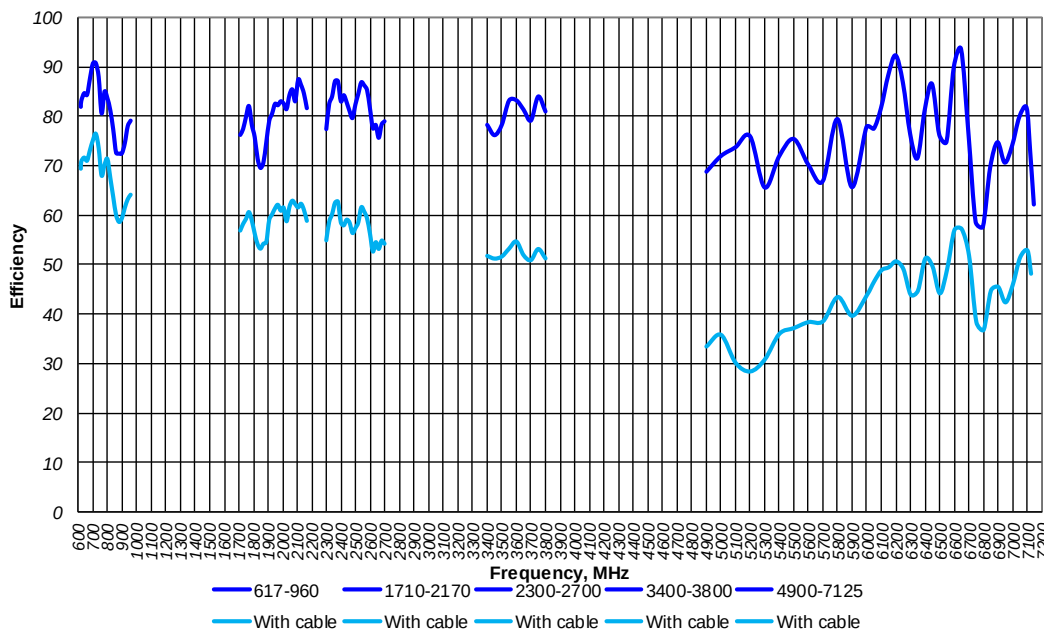
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CHARTS

Peak Gain vs Frequency
LPT600/71MM200SMA Measured on 12" SQ GP & 12" & 10' Cable
Measured at Pulse, USA - Jan 10, 2019



Efficiency vs Frequency
LPT600/71MM200SMA Measured on 12" SQ GP & 12" & 10' Cable
Measured at Pulse, USA - Jan 10, 2019



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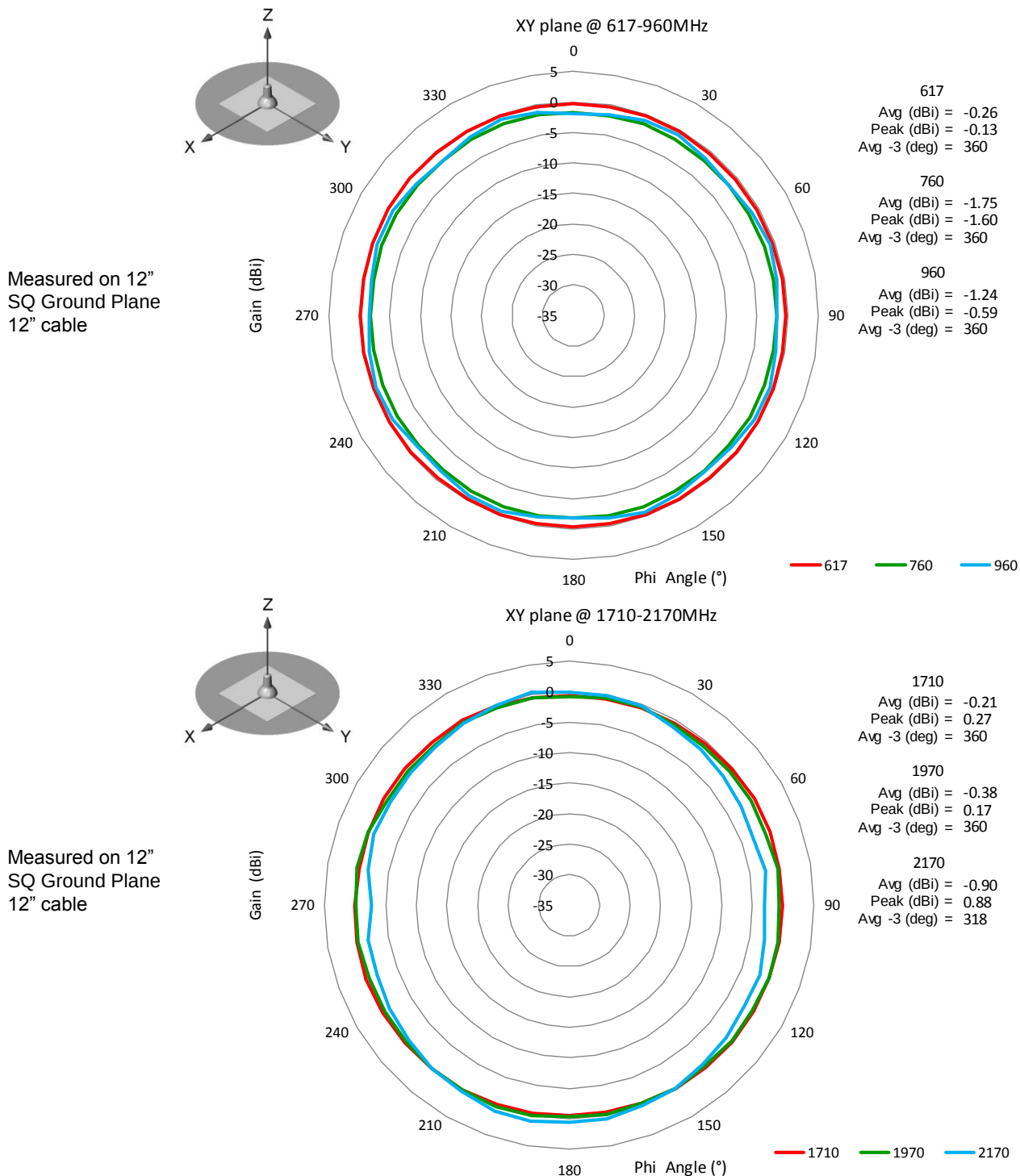
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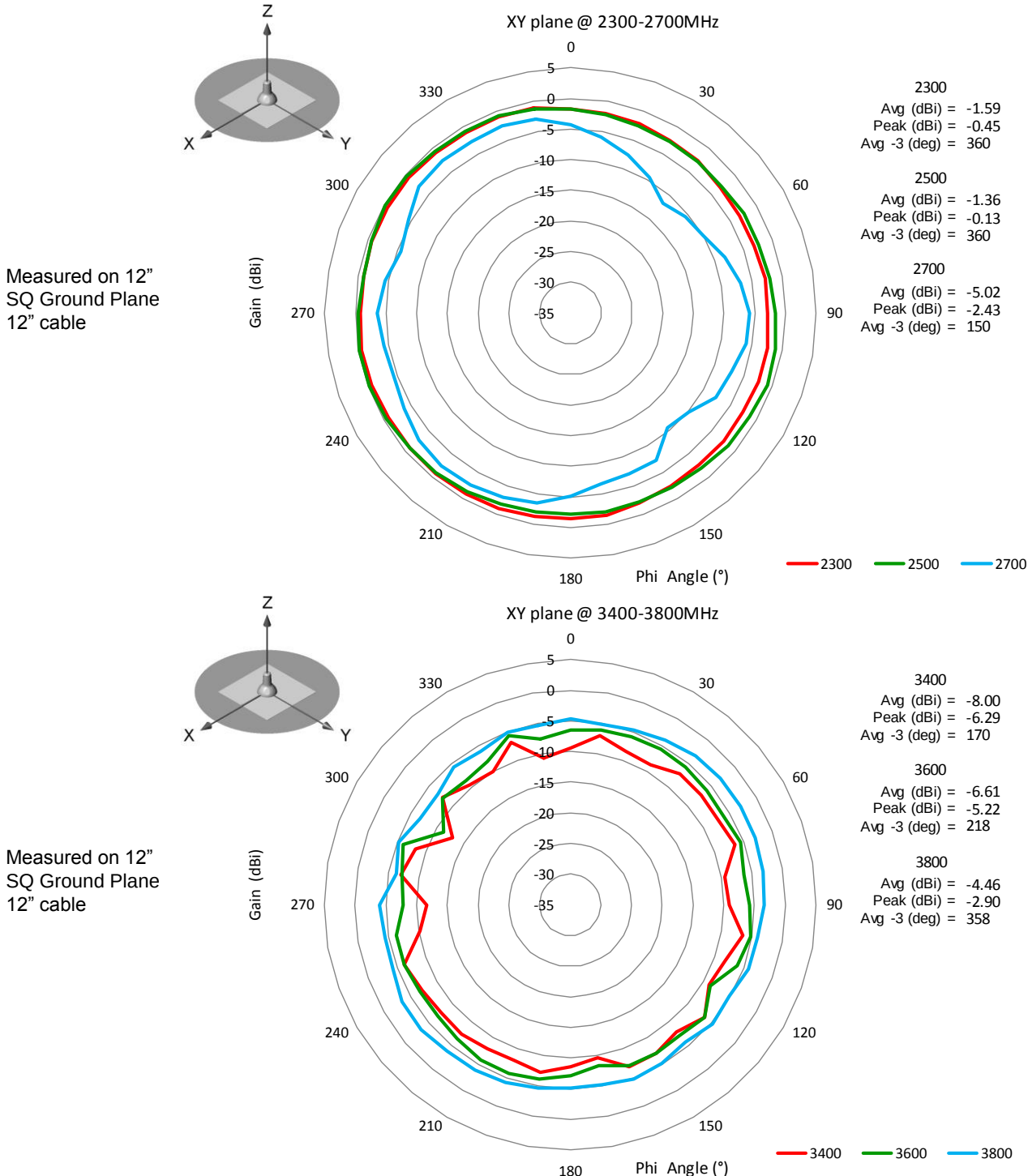
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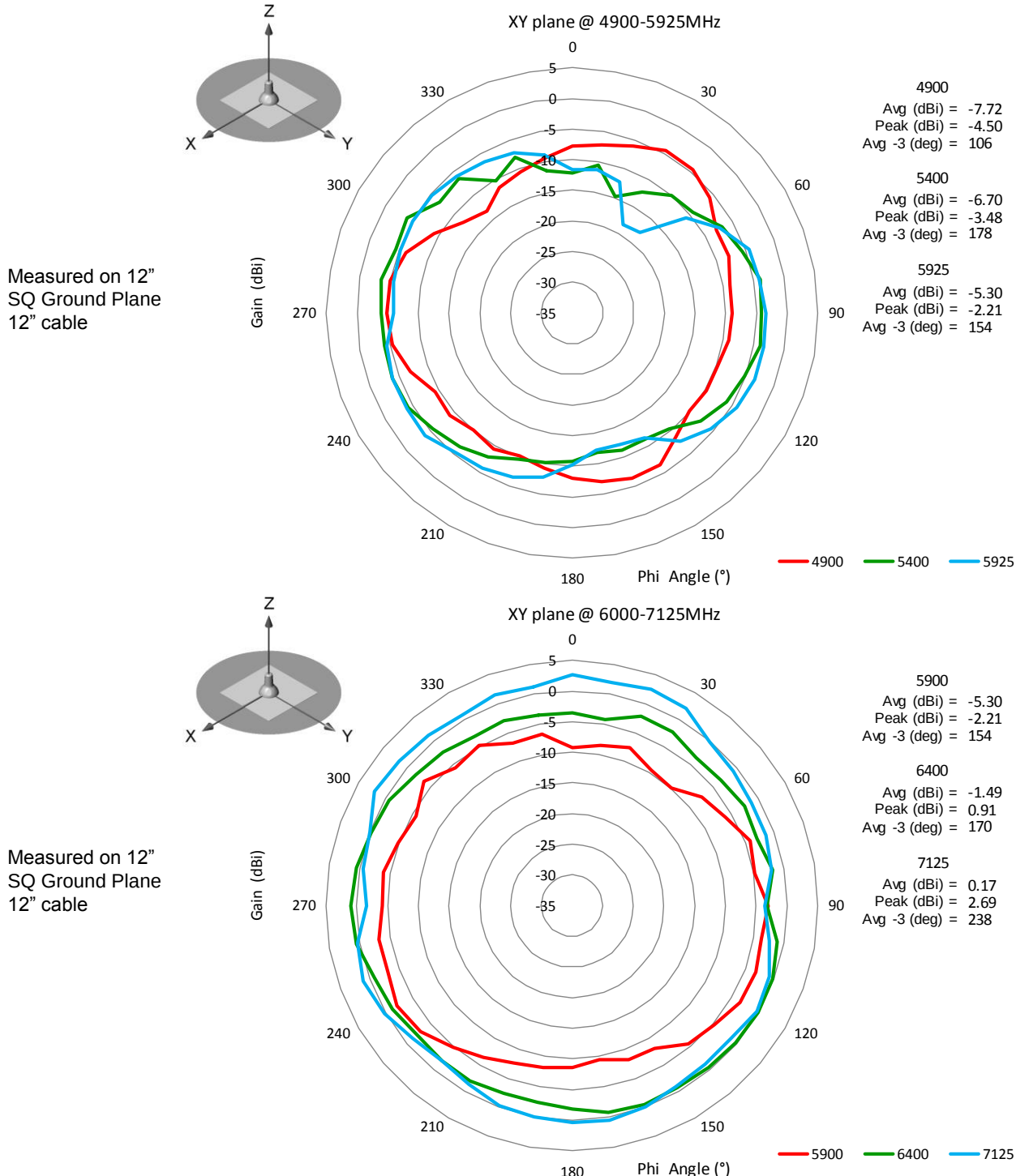
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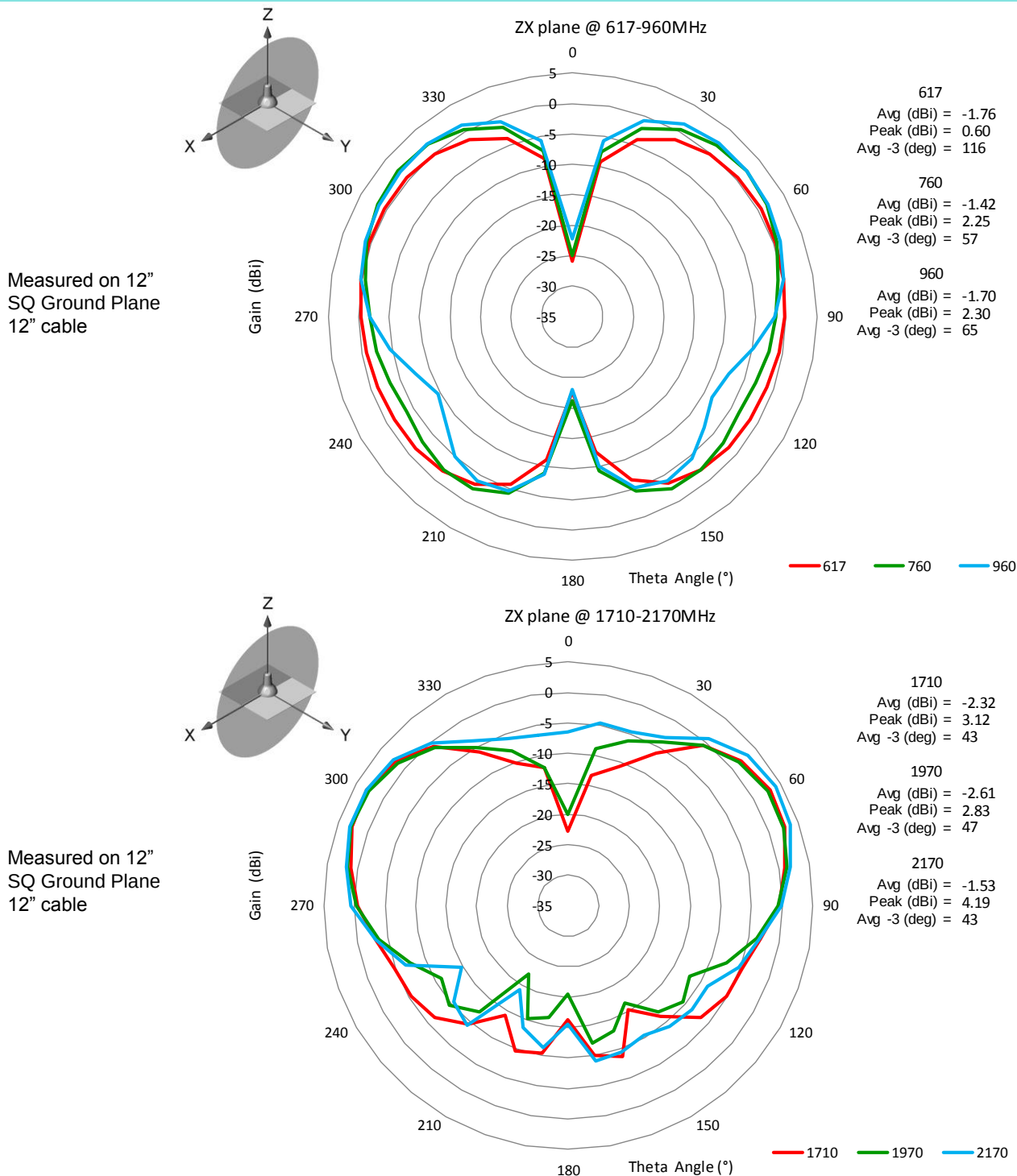
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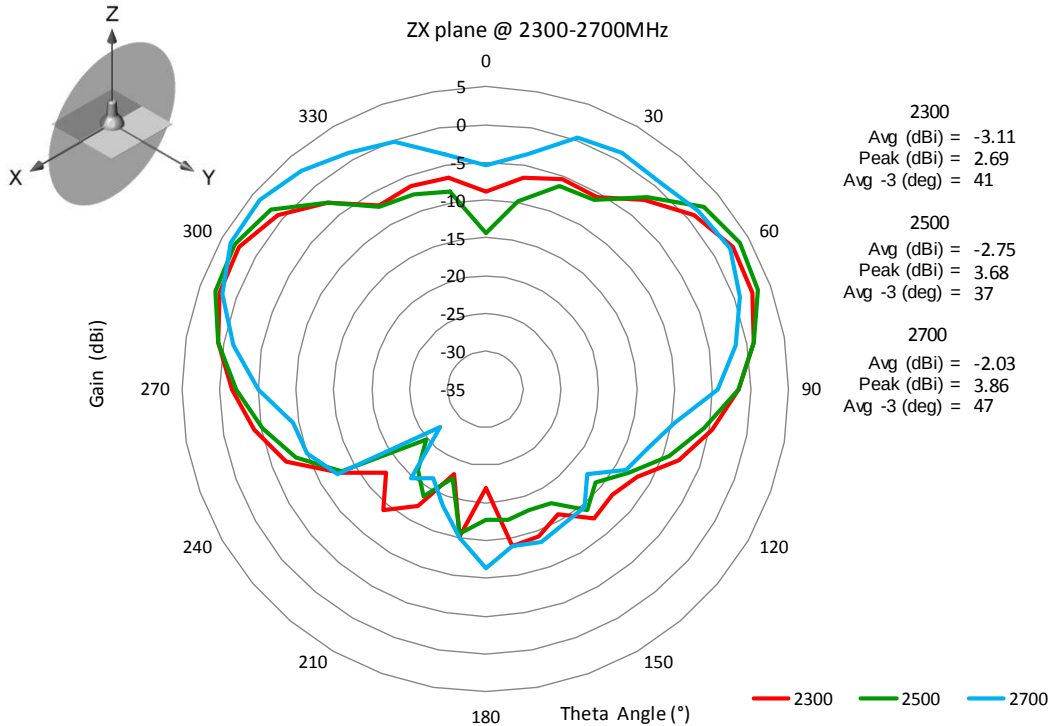
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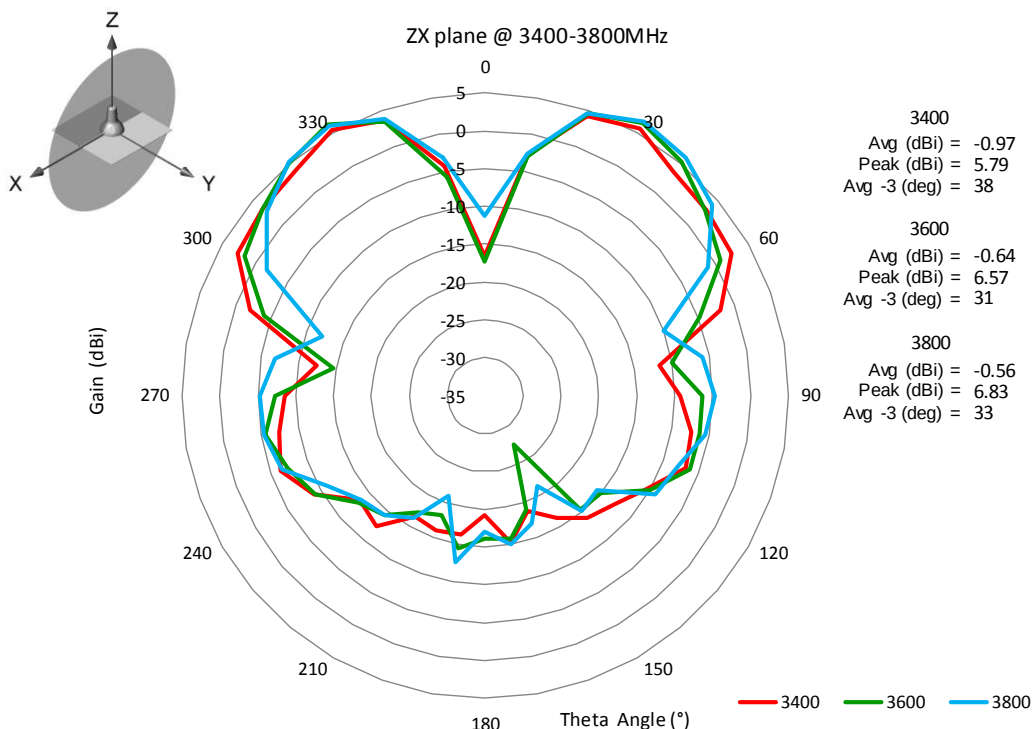
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CHARTS

Measured on 12"
SQ Ground Plane
12" cable



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SQ Ground Plane
12" cable



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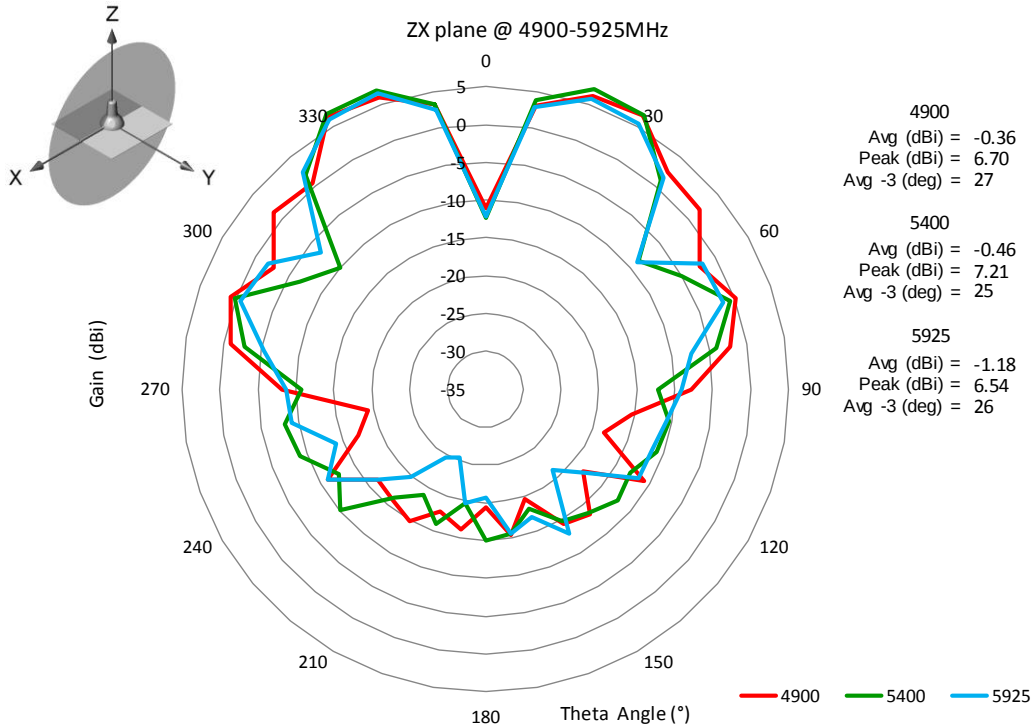
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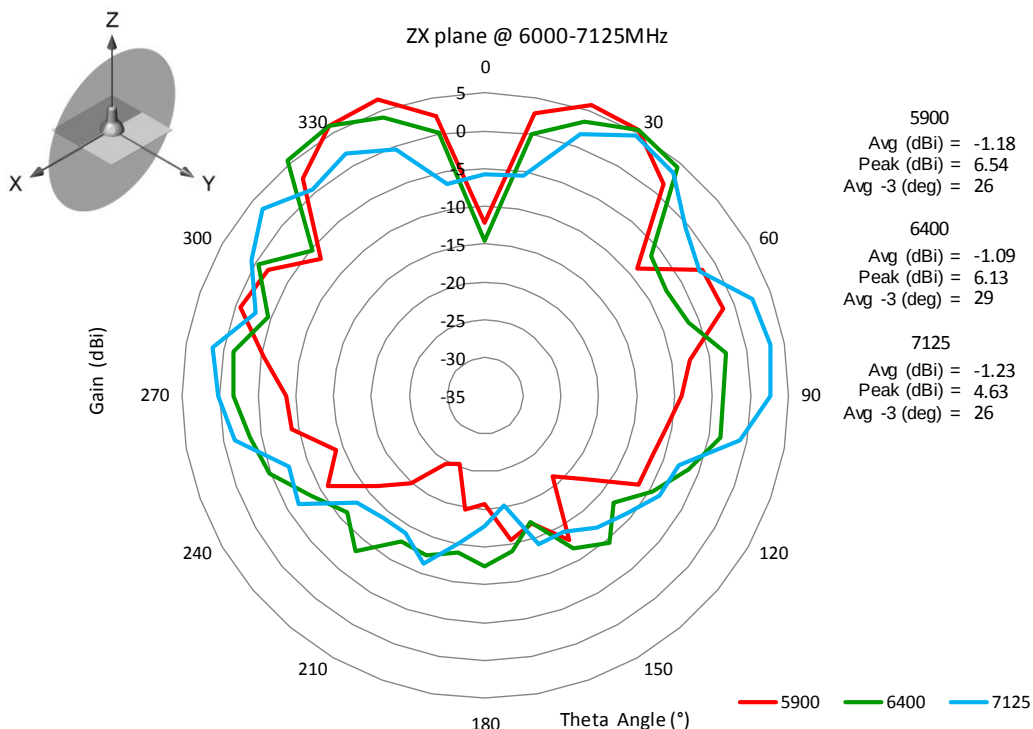
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PACKAGING

1PCS/ Foam bag
12PCS/Carton box



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