

Series: Low Profile Transit

Description: Low Profile 617-3800MHz,  
NMO High Frequency mount, Monopole

PART NUMBER: LPT600/3800NMOHF (Black)  
LPT600/3800NMOHFW (White)



### Features:

- 4G / 5G LTE
- 617-960/1710-2170/  
2300-2700/3400-3800MHz
- Includes New Band 71 (617- 698  
MHz) and CBRS Bands 42 and  
48 (3.4-3.7 GHz)
- Omni radiation pattern
- Average peak gain  
3.8/5.2/5.6/5.5dBi
- Power rating 60W
- Size Dia. 40.9mm (1.61")
- Height 77.7mm (3.06")
- NMOHF Connector

### Applications:

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

Issue: 1923

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### ELECTRICAL SPECIFICATIONS

Antenna type	Monopole, Measured on Ø1016mm (40") ground plane
Frequency	617-960/1710-2170/2300-2700/3400-3800 MHz
Nominal Impedance	50 Ω
VSWR (617-960/1710-2700/3400-3800)	3:1/2.5/2.5
Average peak gain (617-960/1710-2170/2300-2700/3400-3800)	3.8/5.2/5.6/5.5 dBi
Average efficiency (617-960/1710-2170/2300-2700/3400-3800)	85/82/83/80 %
Radiation Pattern	Omni
HPBW Vertical Plane (617-960/1710-2170/2300-2700/3400-3800)	45/30/23/32 °
Polarization	Vertical
Power withstanding	60 W

### MECHANICAL SPECIFICATIONS

Diameter / height	40.9 / 77.7mm (1.61" / 3.06")
Weight	63 g (.14lbs)
Antenna Color / Material	Black or White / UV Stabilized plastic
Connector	NMOHF
Mounting (required)	NMOHF

### ENVIRONMENTAL SPECIFICATIONS

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

### OTHER SPECIFICATIONS

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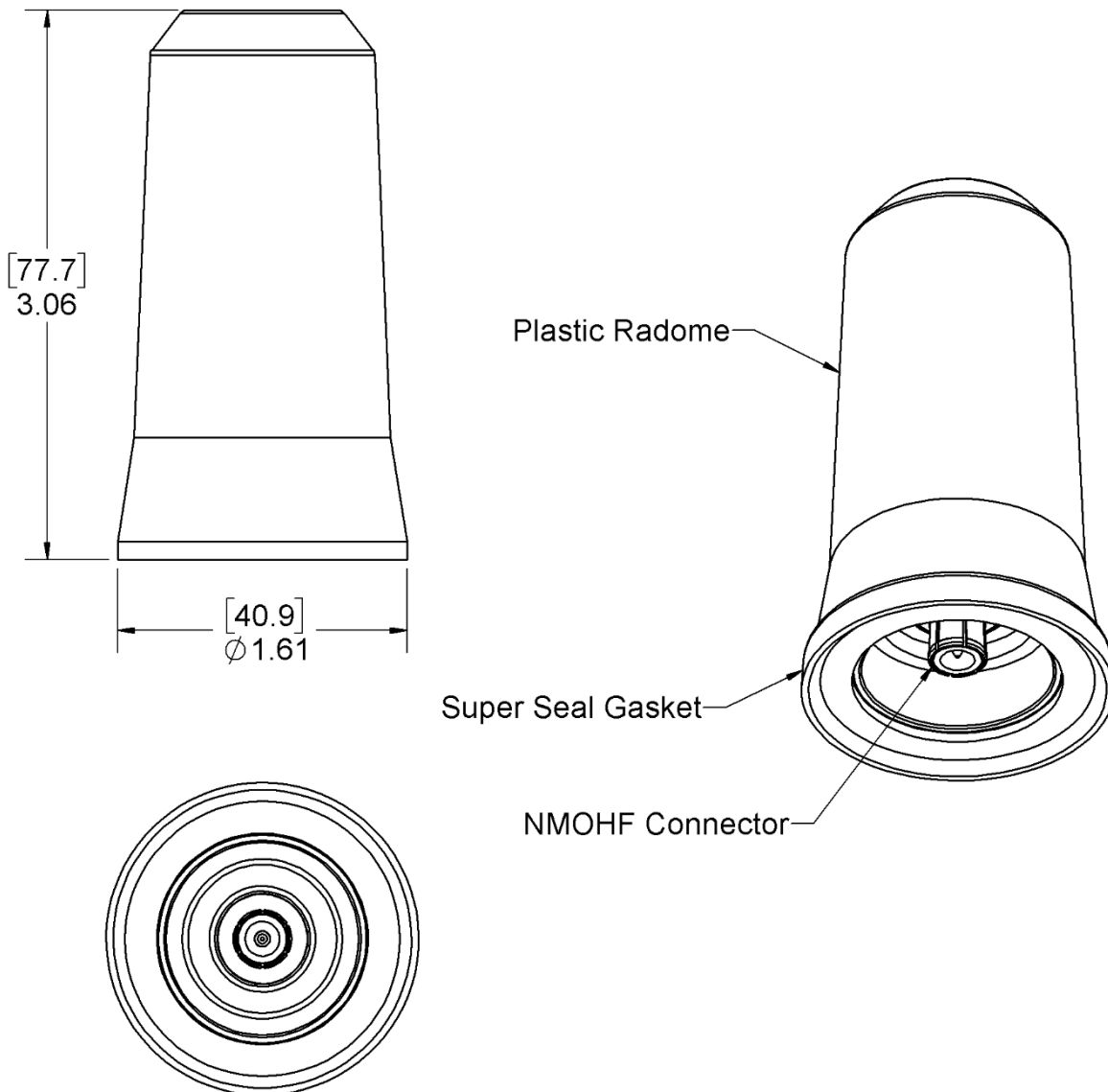
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MECHANICAL DRAWING



All dimensions are in mm / inches

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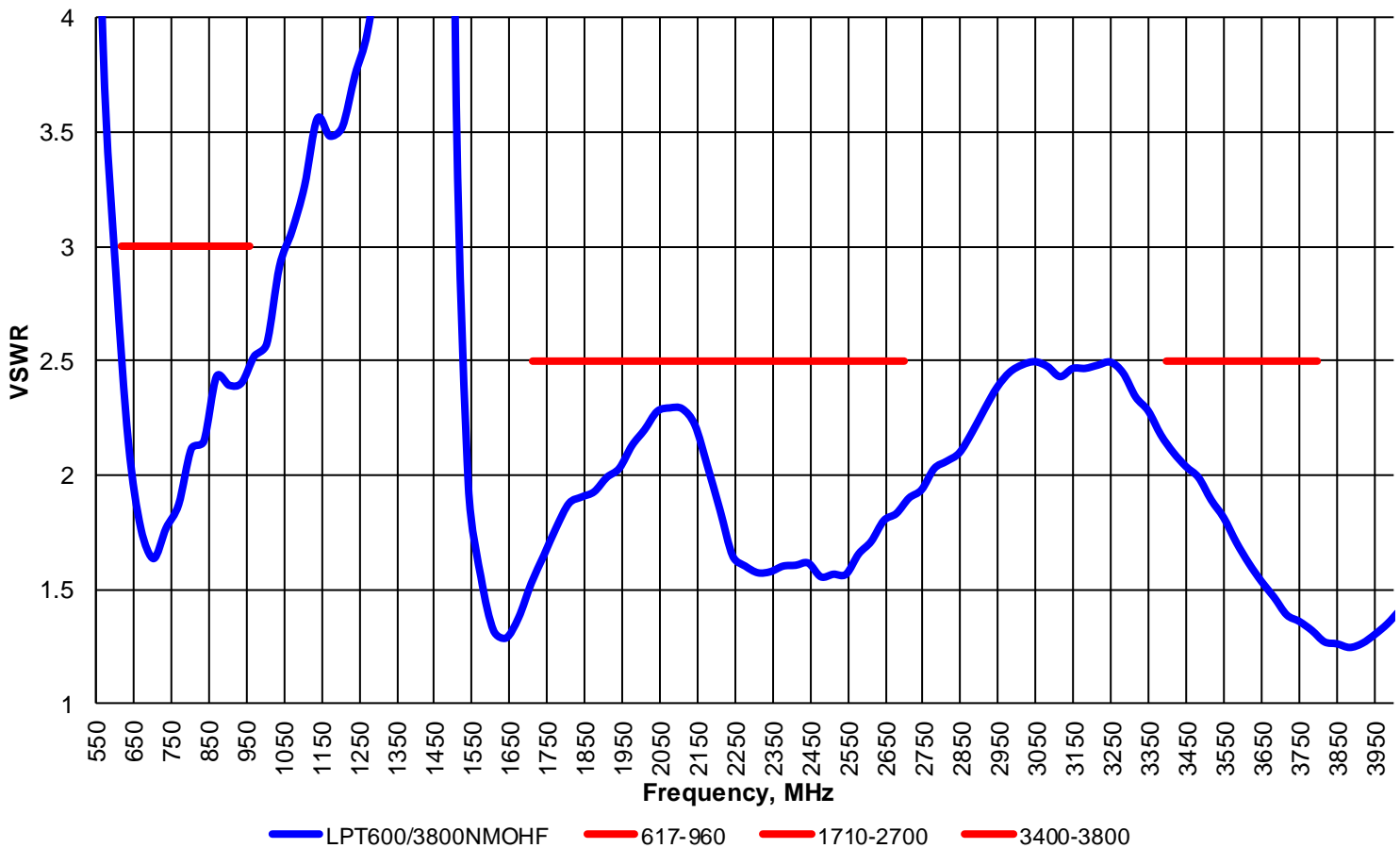
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CHARTS

**VSWR vs Frequency**  
**LPT600/3800NMOHF Measured on Ø40" GP**  
 Measured at Pulse, USA - May 28, 2019



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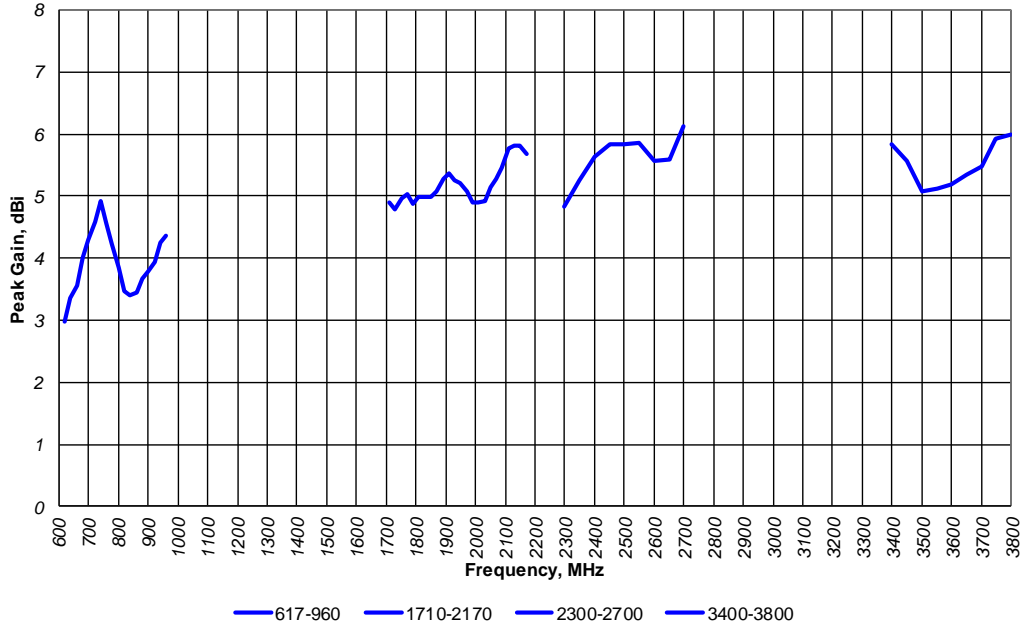
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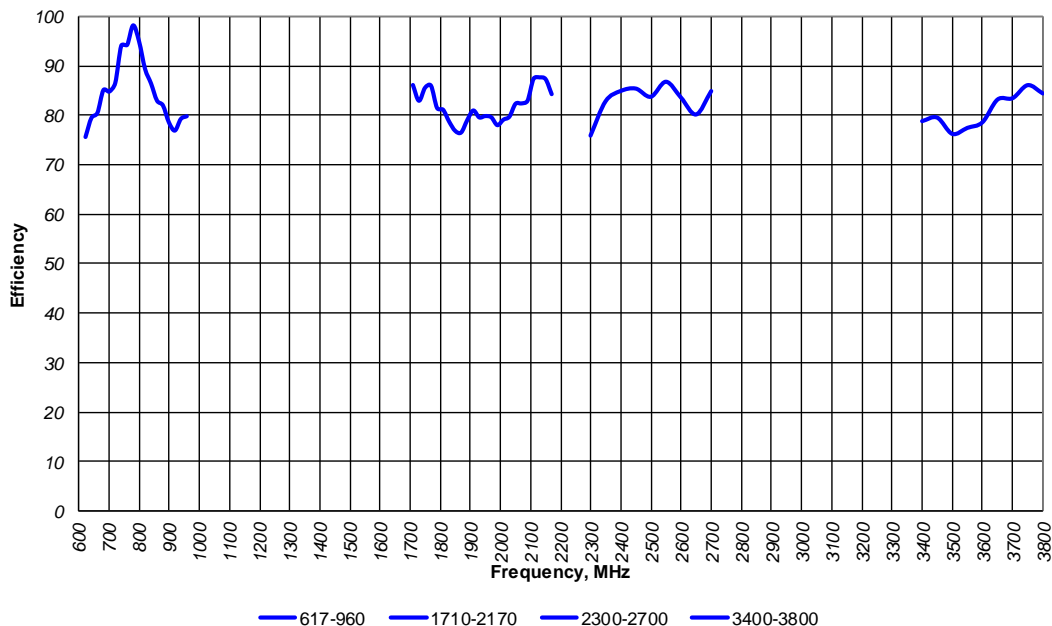
Peak Gain vs Frequency  
LPT600/3800NMOHF Measured on Ø40" GP  
Measured at Pulse, USA - Nov 16, 2018

Measured on Ø40"  
Ground Plane  
No cable



Efficiency vs Frequency  
LPT600/3800NMOHF Measured on Ø40" GP  
Measured at Pulse, USA - Nov 16, 2018

Measured on Ø40"  
Ground Plane  
No cable



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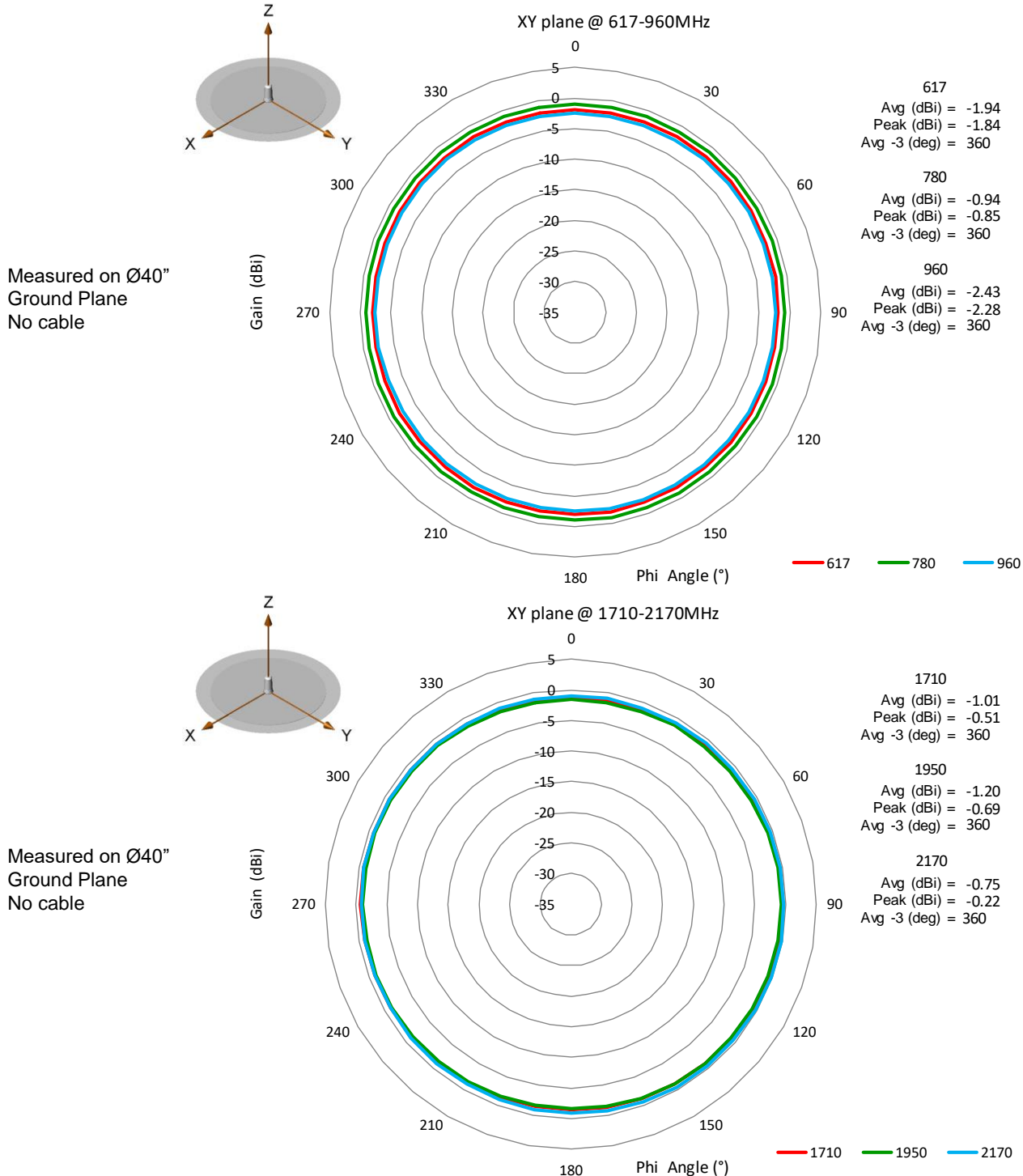
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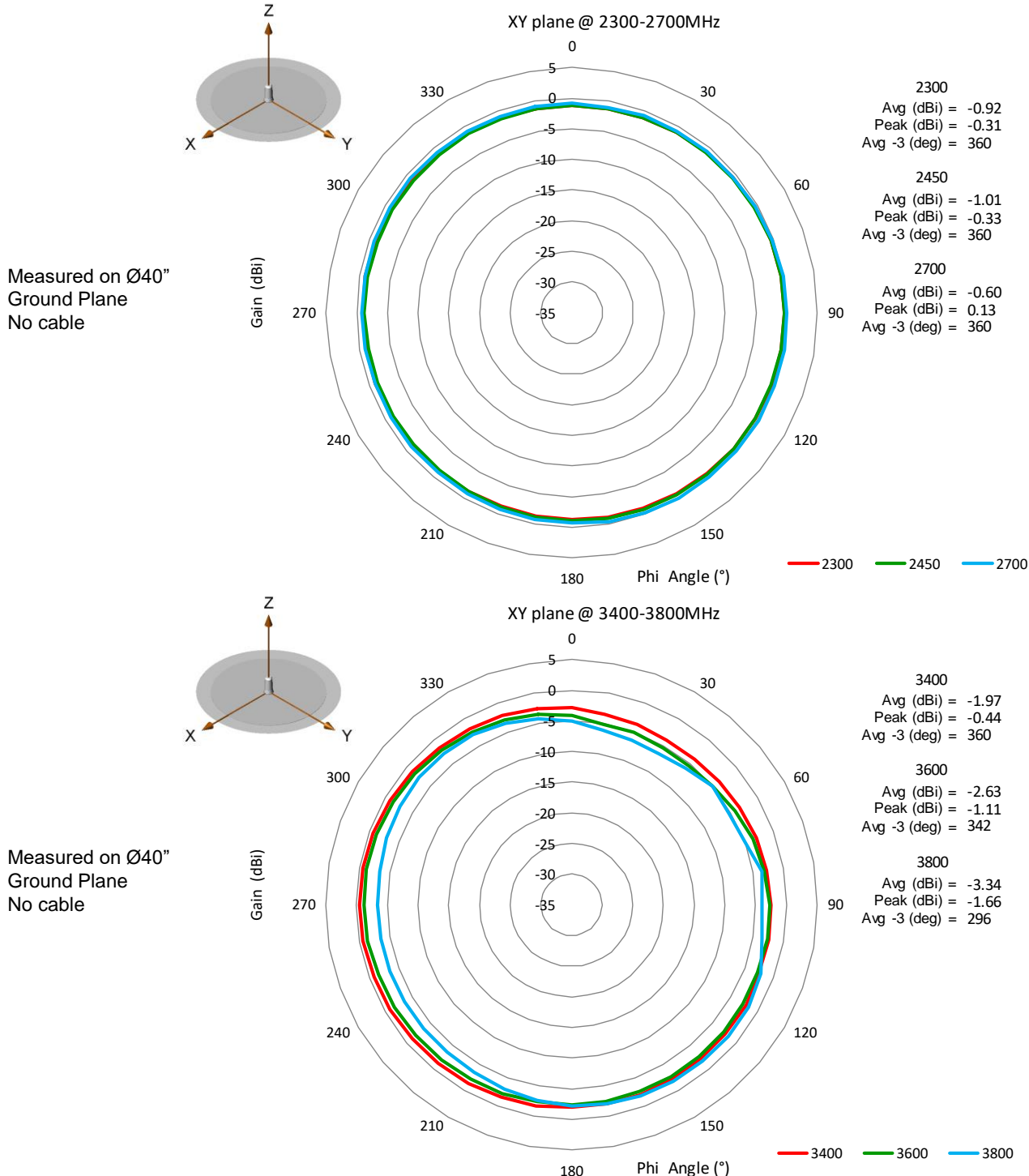
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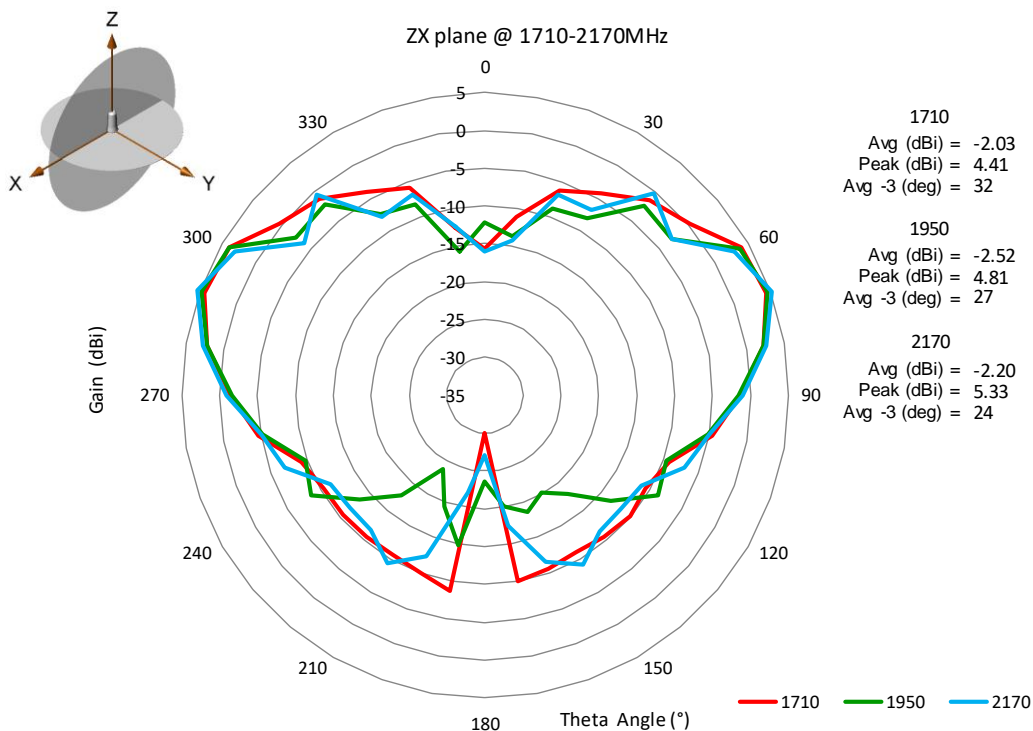
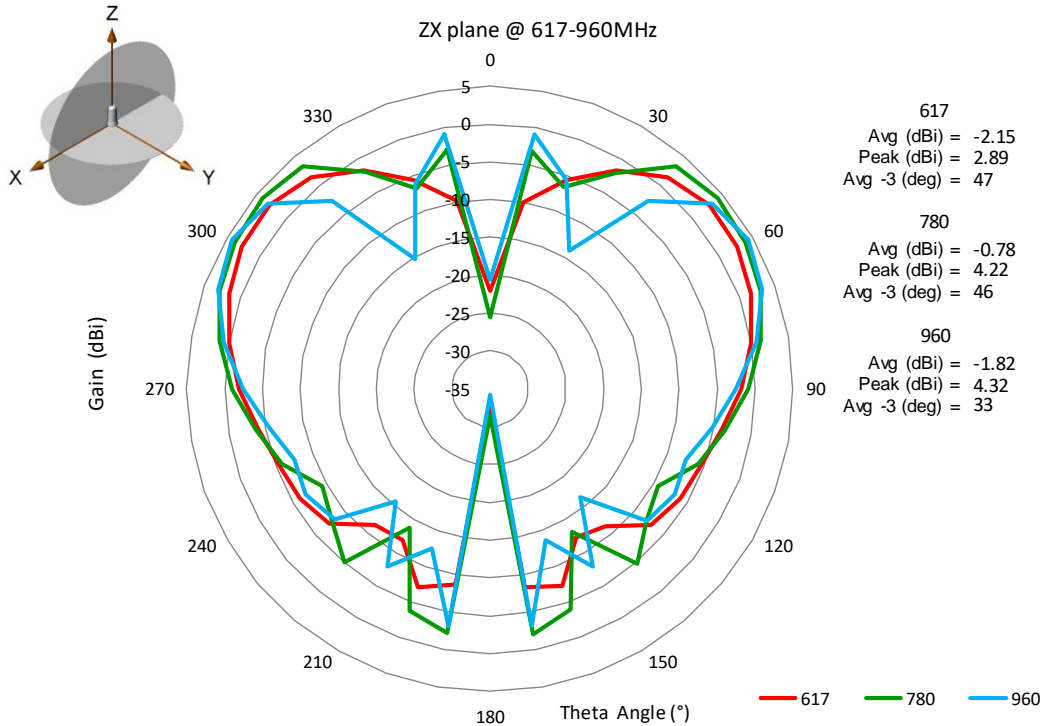
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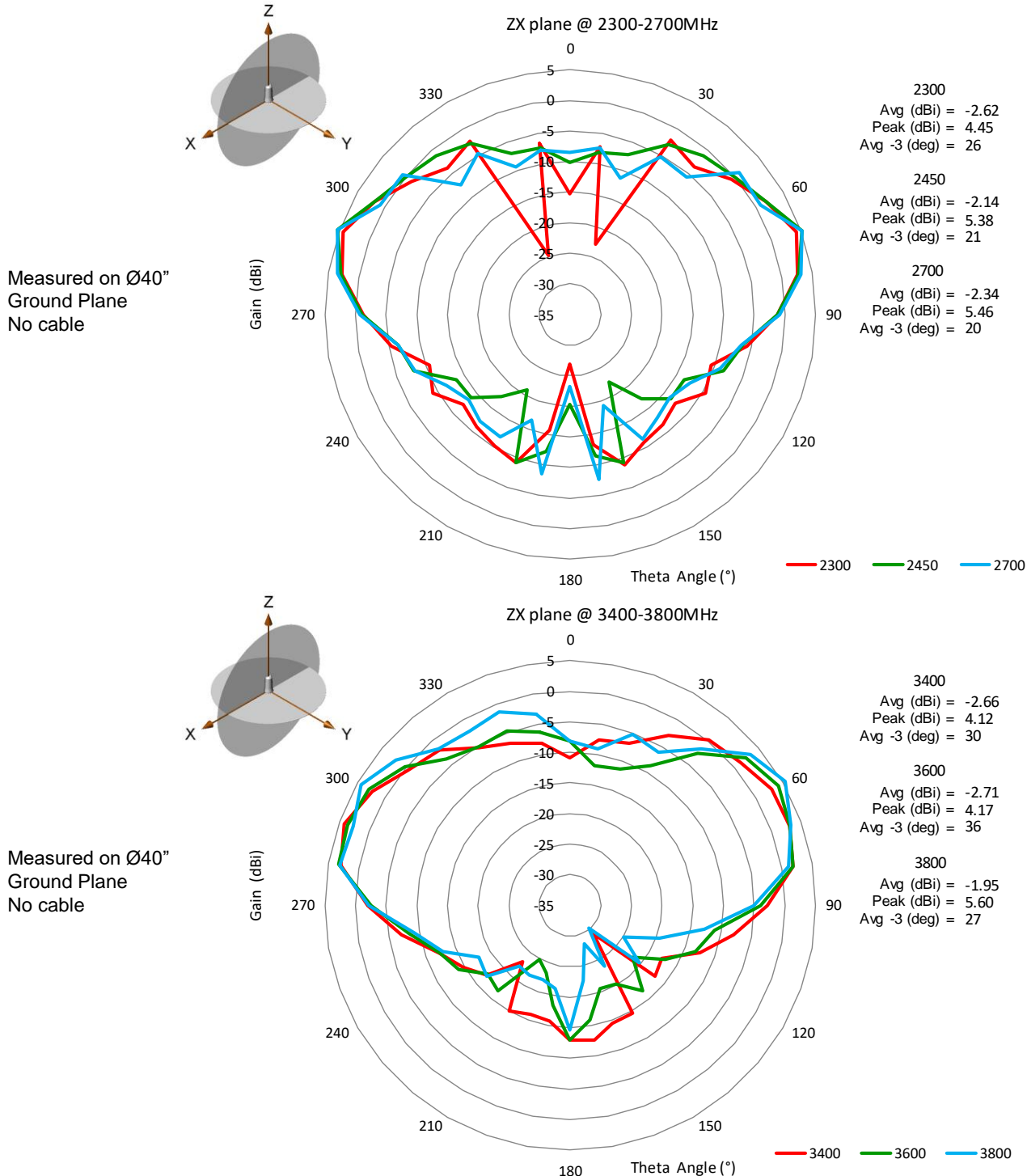


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