

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

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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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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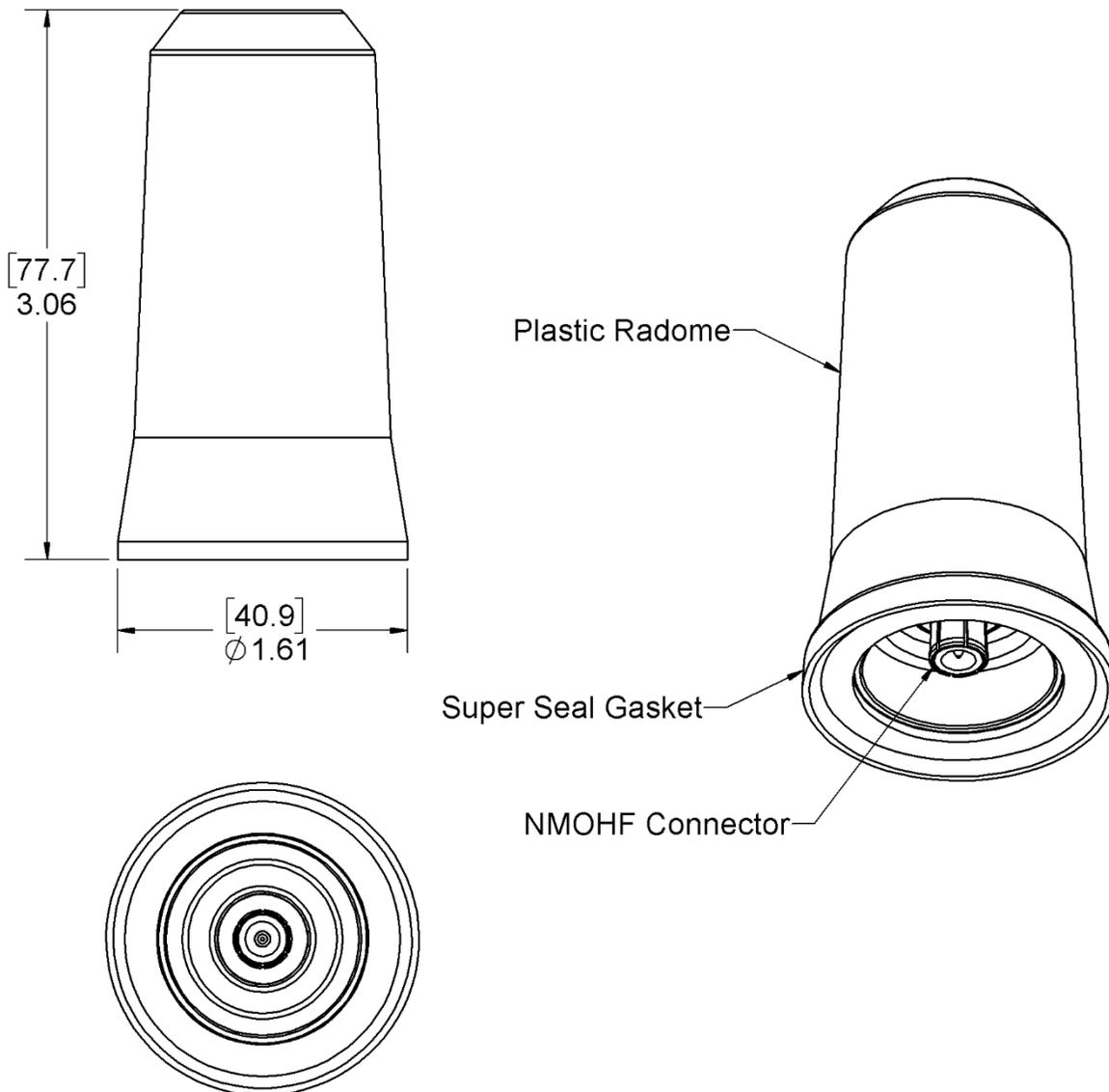
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MECHANICAL DRAWING



All dimensions are in mm / inches

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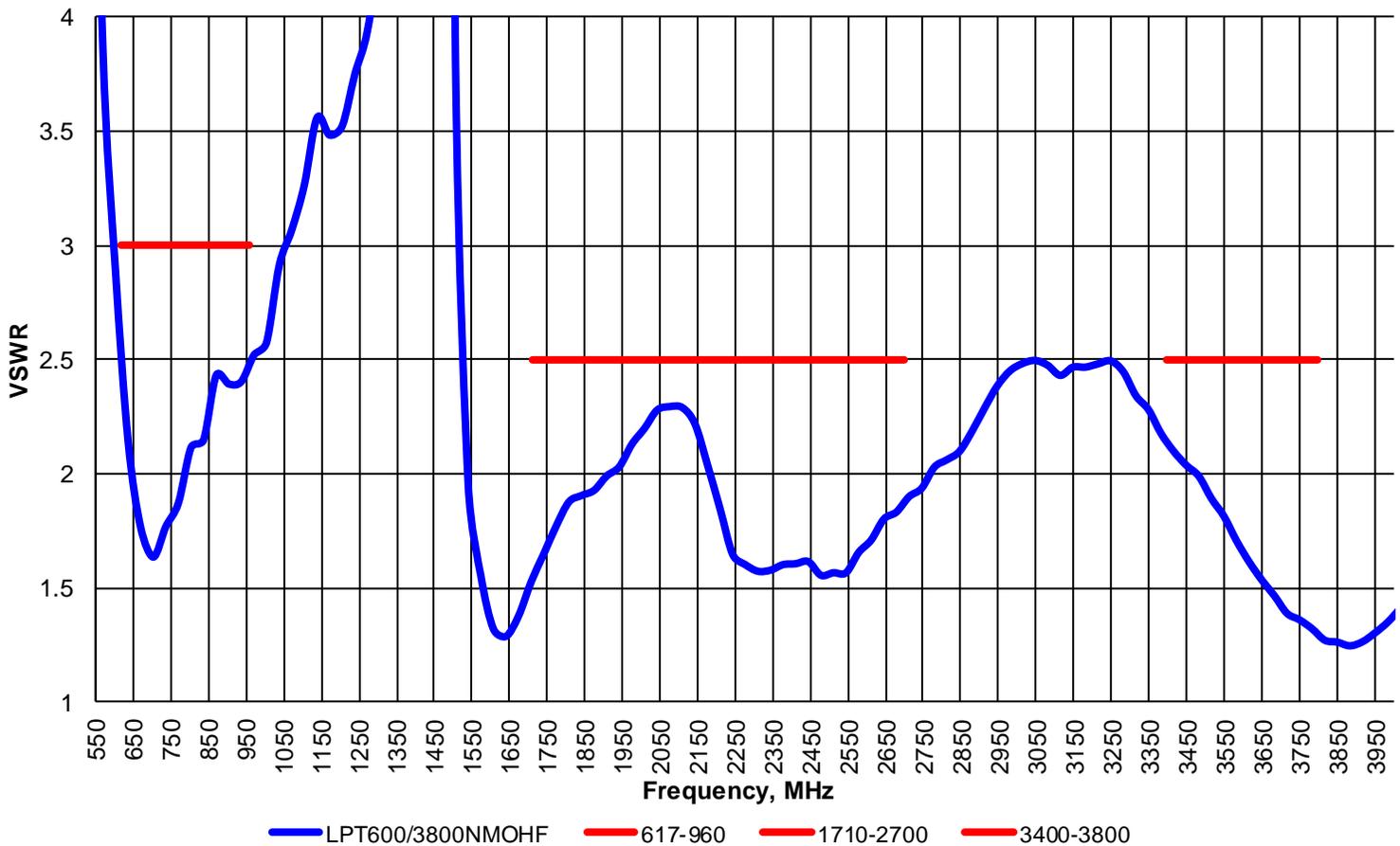
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CHARTS

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



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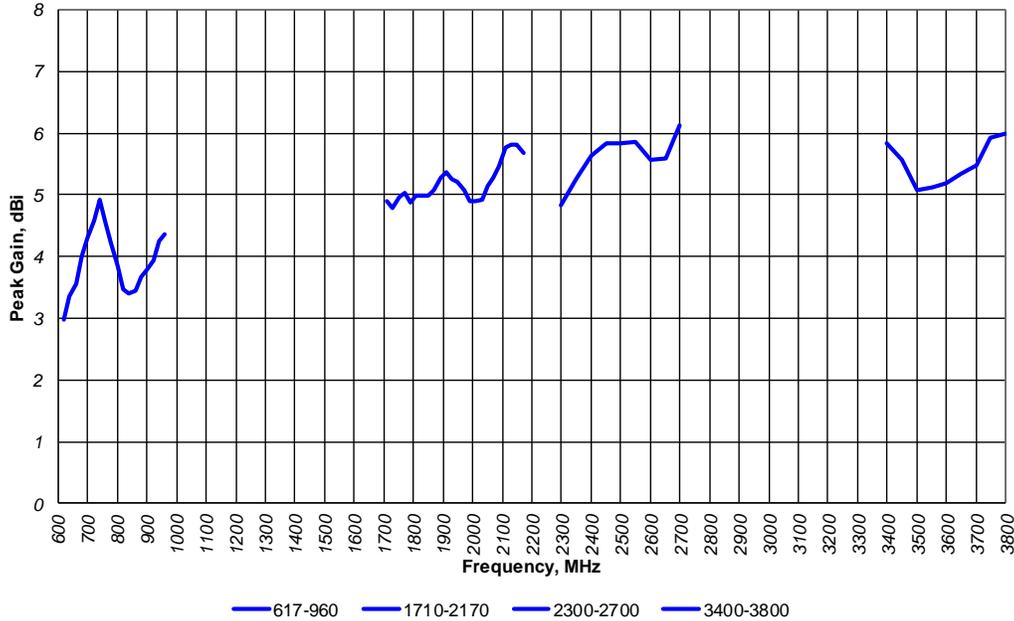
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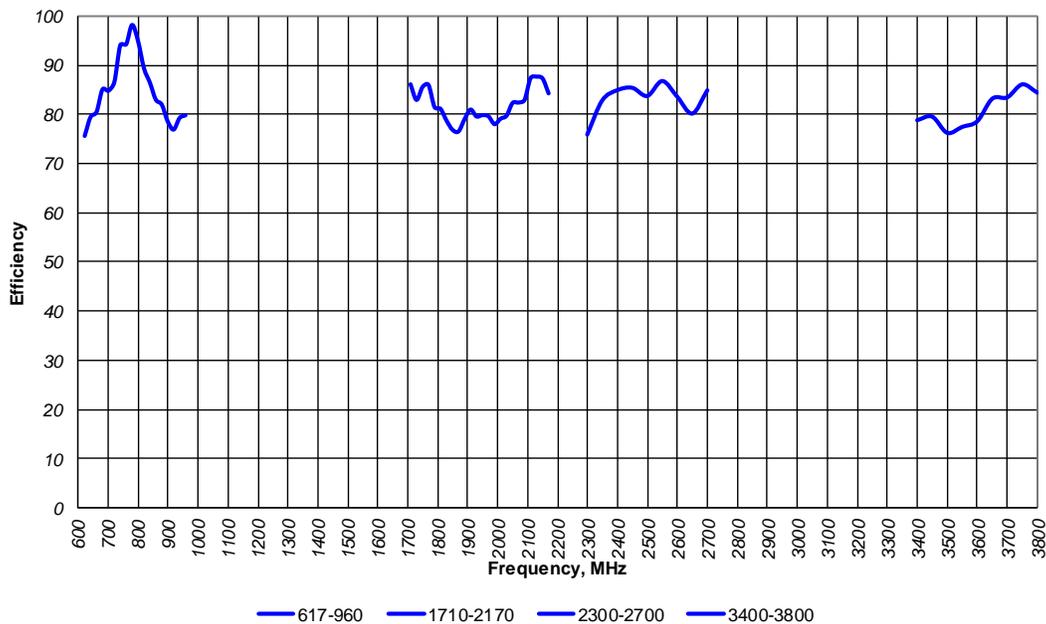
Peak Gain vs Frequency  
LPT600/3800NMOHF Measured on Ø40" GP  
Measured at Pulse, USA - Nov 16, 2018

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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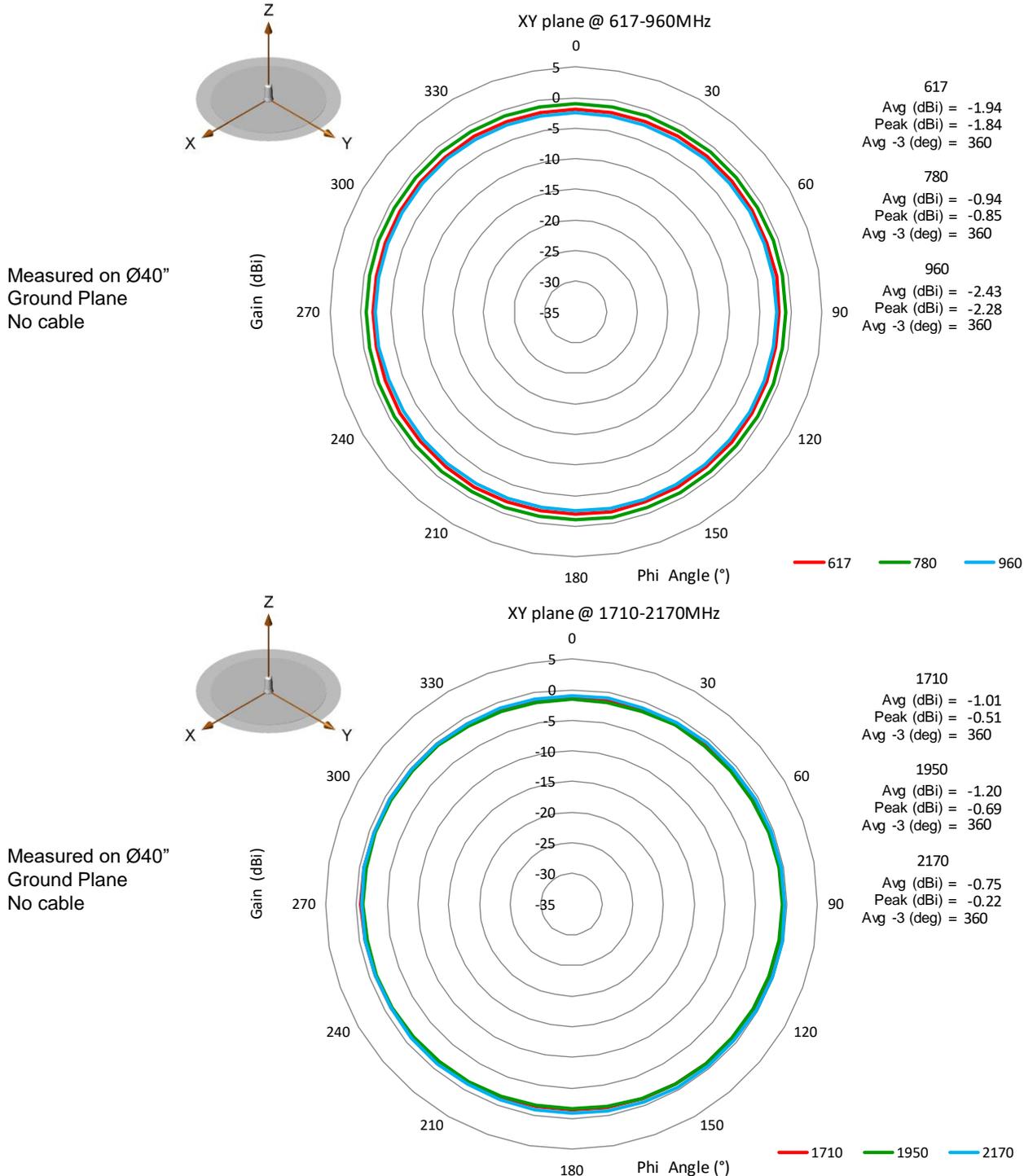
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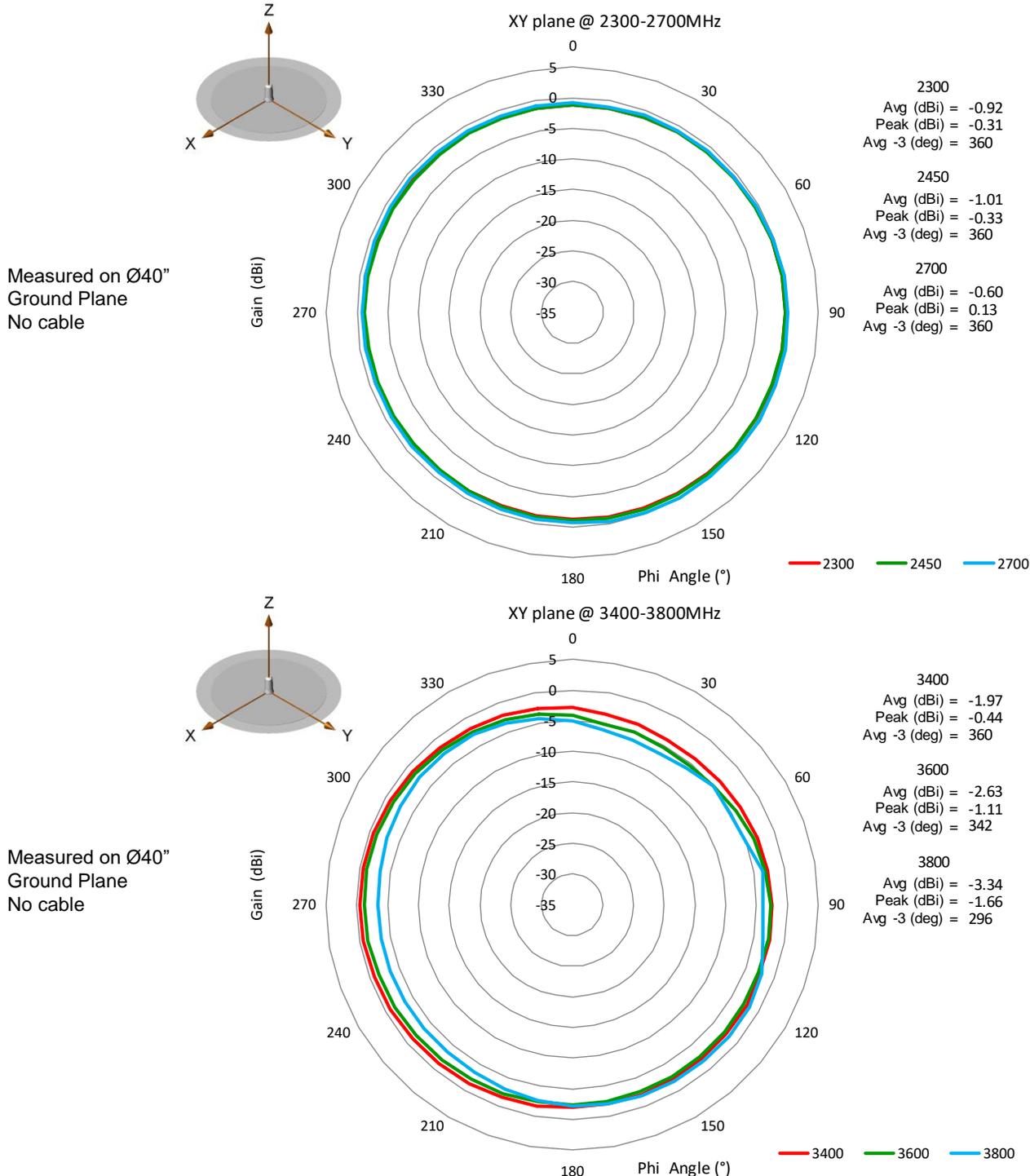
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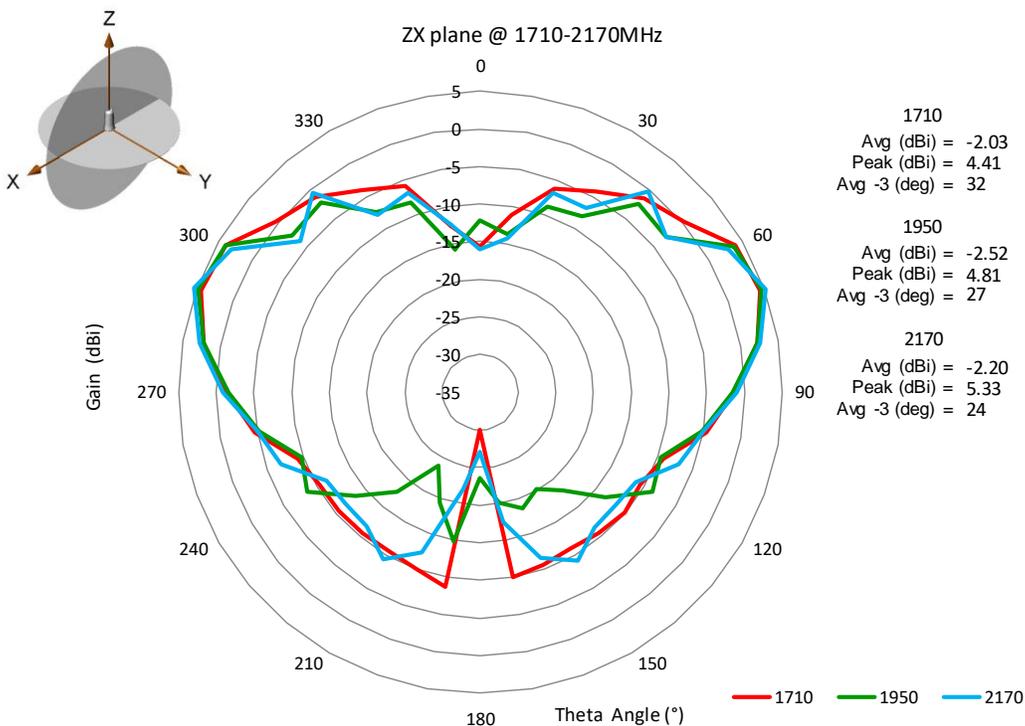
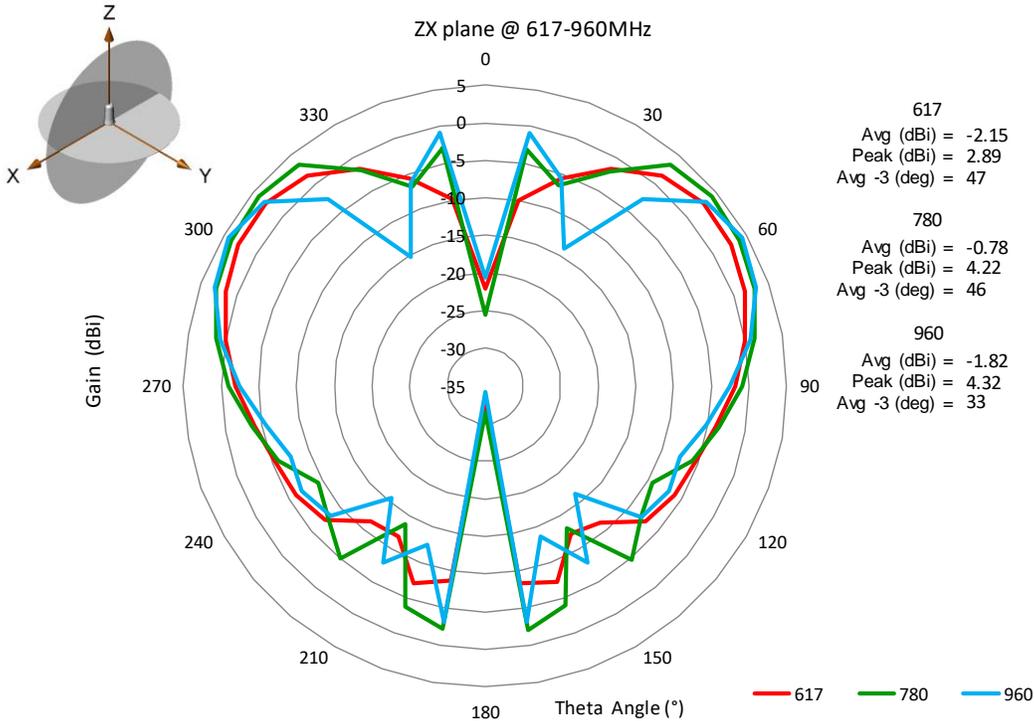
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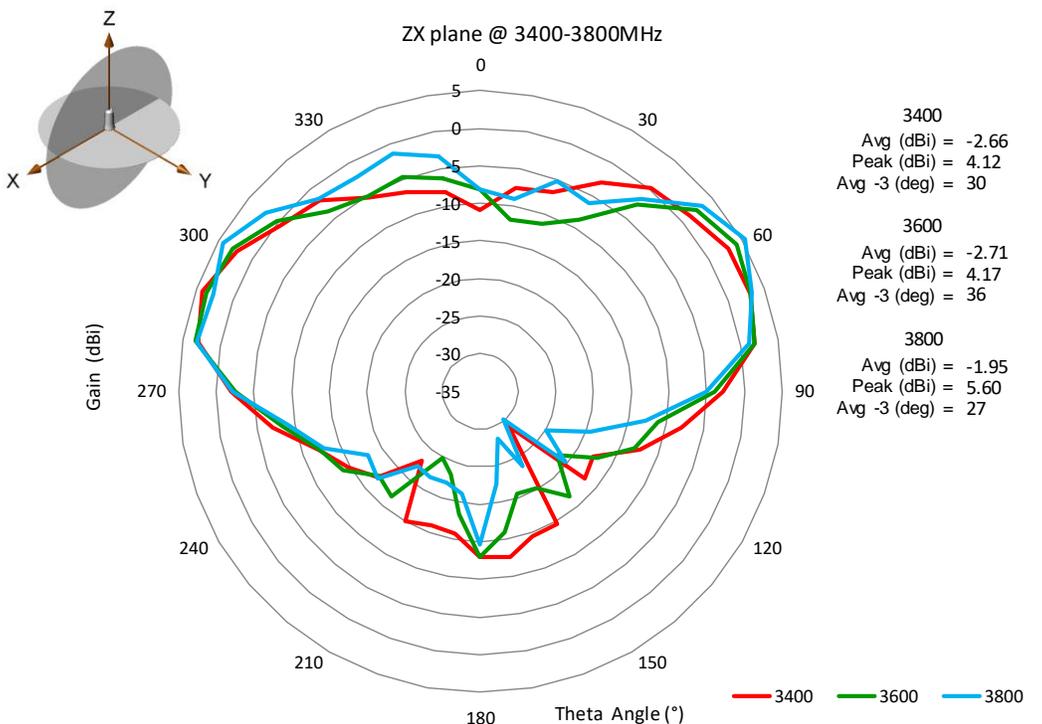
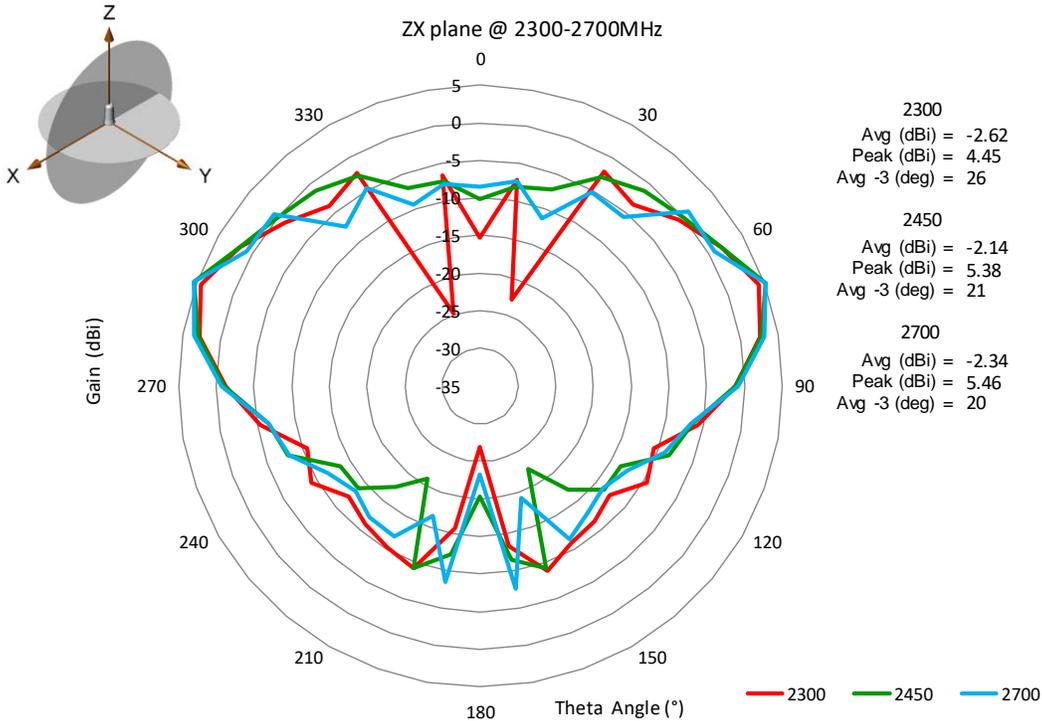
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## PACKAGING

1 antenna packed in a plastic bag

1 label on each product with part number

48pcs pre box