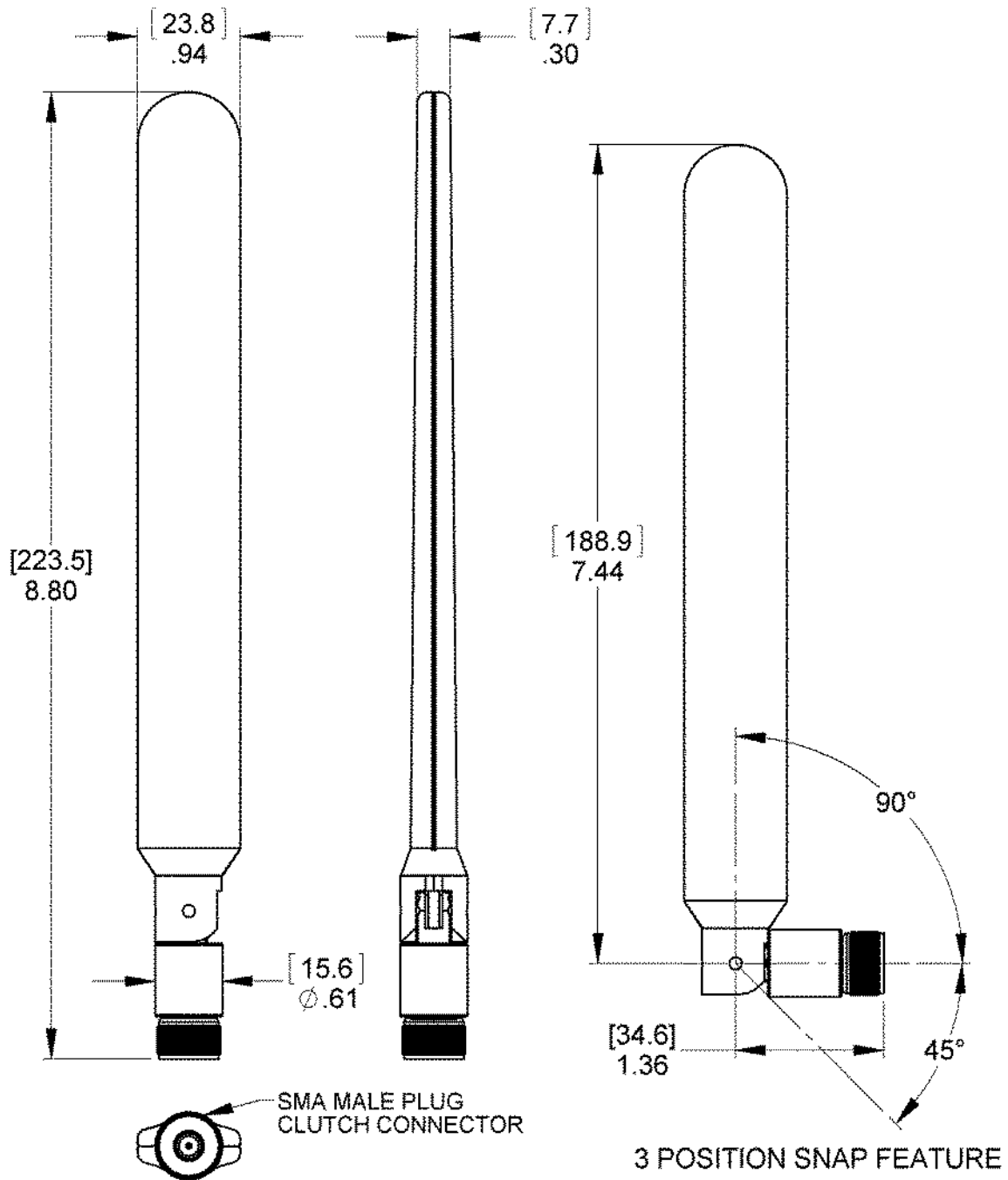


MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

SPDA24700/2700

Series : ANTENNA



All dimensions are in inches (mm)

Issue: 1317

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

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MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

SPDA24700/2700
 Series : **ANTENNA**

ELECTRICAL SPECIFICATIONS

| | |
|----------------------------|--|
| Antenna type | Dipole (All electrical performance measured "in free space") |
| Frequency | 698-960/1710-2170/2500-2700 MHz |
| Nominal Impedance | 50 Ω |
| VSWR | 2.5:1 Max |
| Average Peak Gain 700 | 0.6 dBi |
| Average Peak Gain 1710 | 1.5 dBi |
| Average Peak Gain 2500 | 3.4 dBi |
| Efficiency | 60 % TYP |
| HPBW / Horizontal Plane | Omni |
| HPBW / Vertical Plane 700 | 57 ° TYP |
| HPBW / Vertical Plane 1710 | 54 ° TYP |
| HPBW / Vertical Plane 2500 | 36 ° TYP |
| Polarization: | Vertical |
| Power withstanding | 3 W |
| Connector type | SMA-Male (Clutch style) |

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|---------------|
| Plastic radome | PC/ABS |
| Color | Black |
| Flammability (Radome) | UL94 V-O |
| Weight | 45.4 g |
| Positions | 0°, 45° & 90° |
| Overall length | 8.8 INCHES |

ENVIRONMENTAL SPECIFICATIONS

| | |
|-----------------------|-------------|
| Operating temperature | -30/+70 ° C |
| Storage Temperature | -40/+85 ° C |

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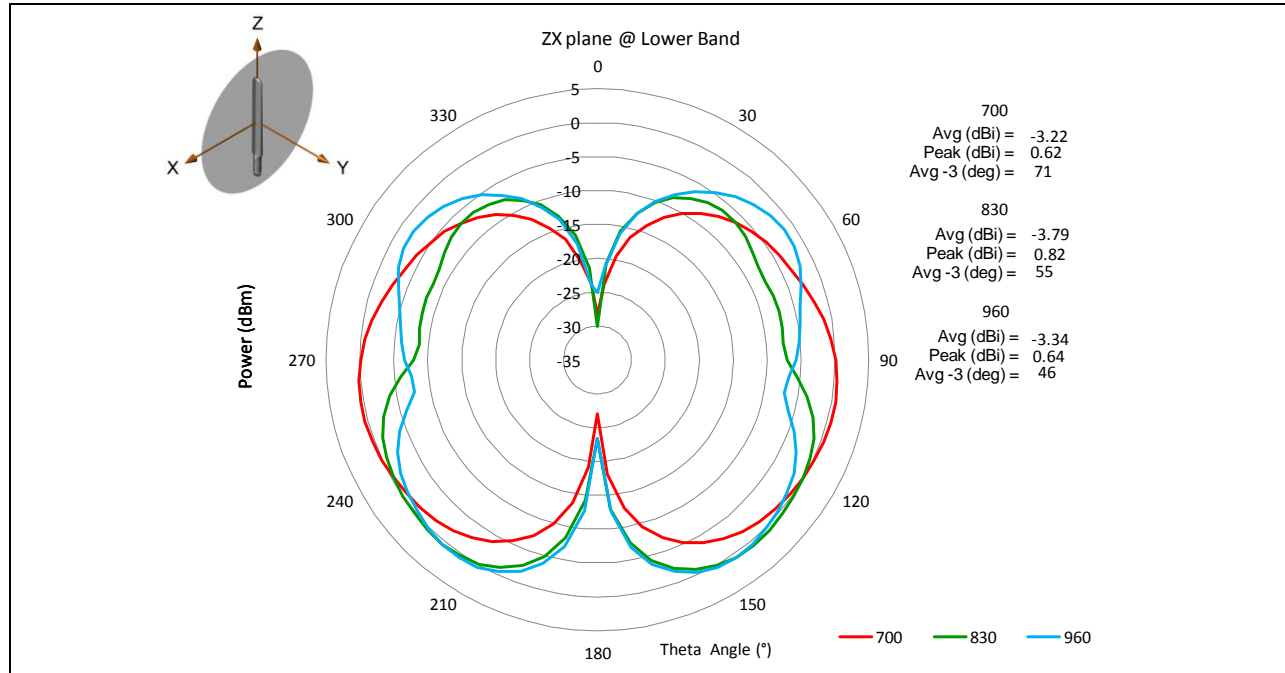
MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

SPDA24700/2700

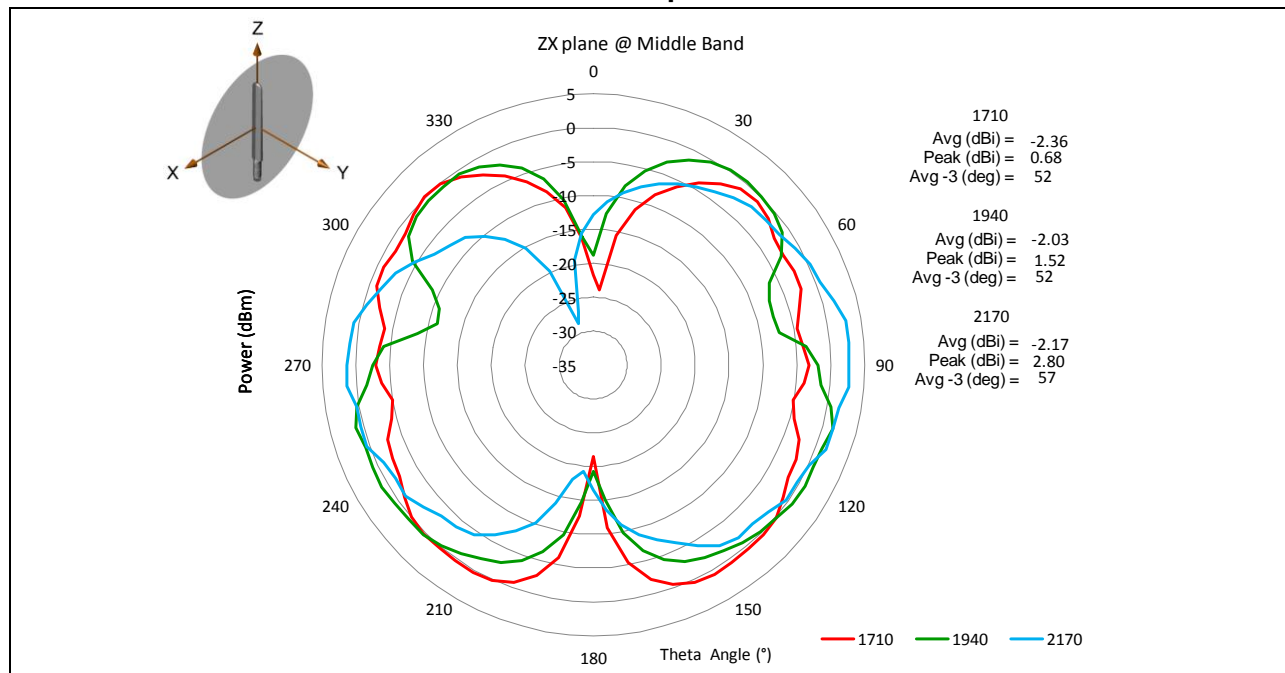
Series : ANTENNA

Charts

Vertical plane



Vertical plane



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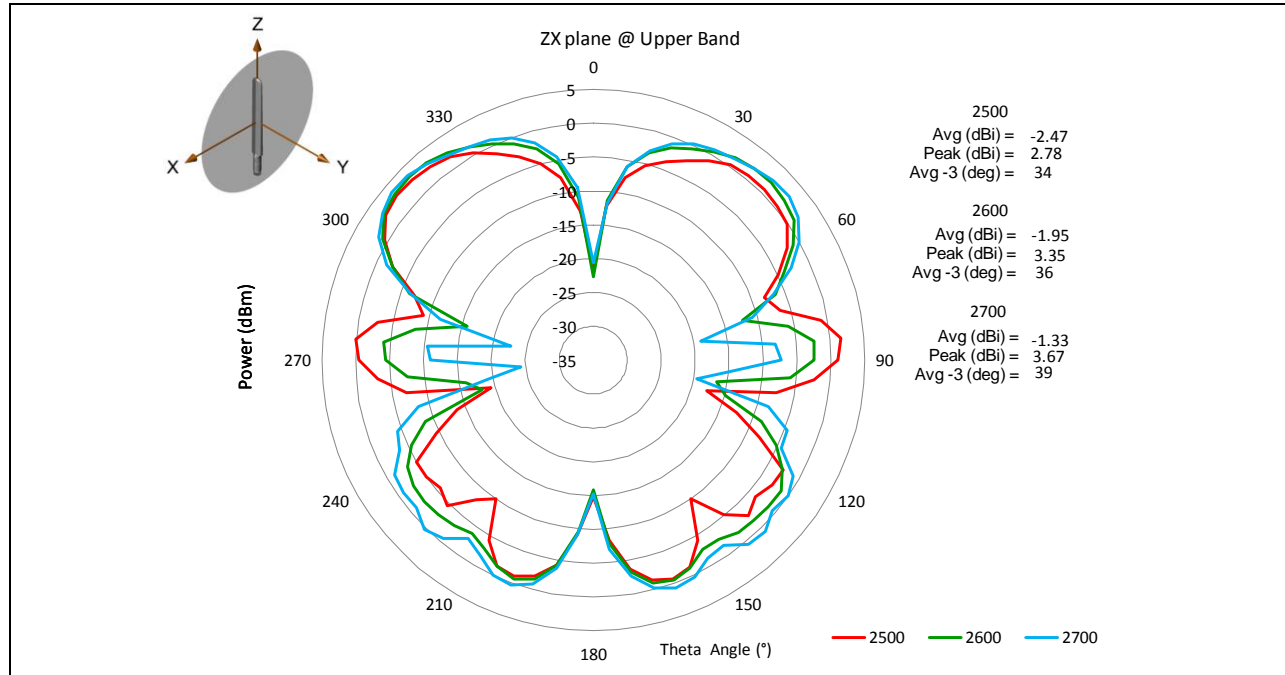


MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

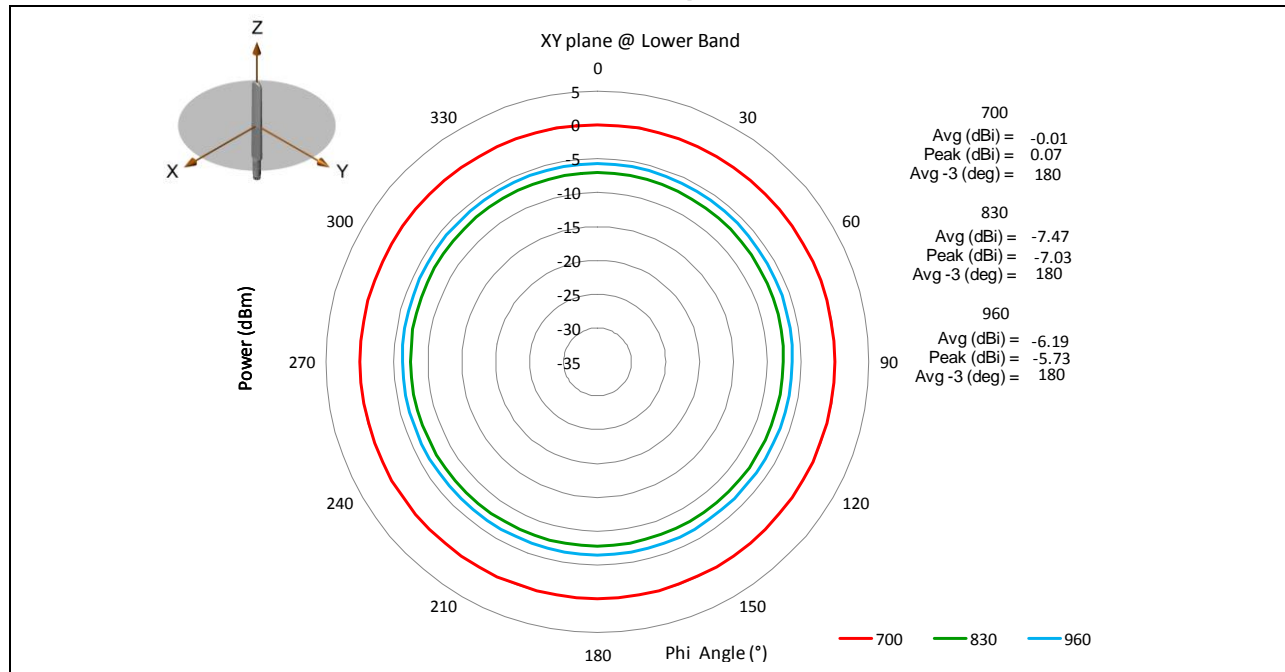
SPDA24700/2700

Series : ANTENNA

Vertical plane



Horizontal plane



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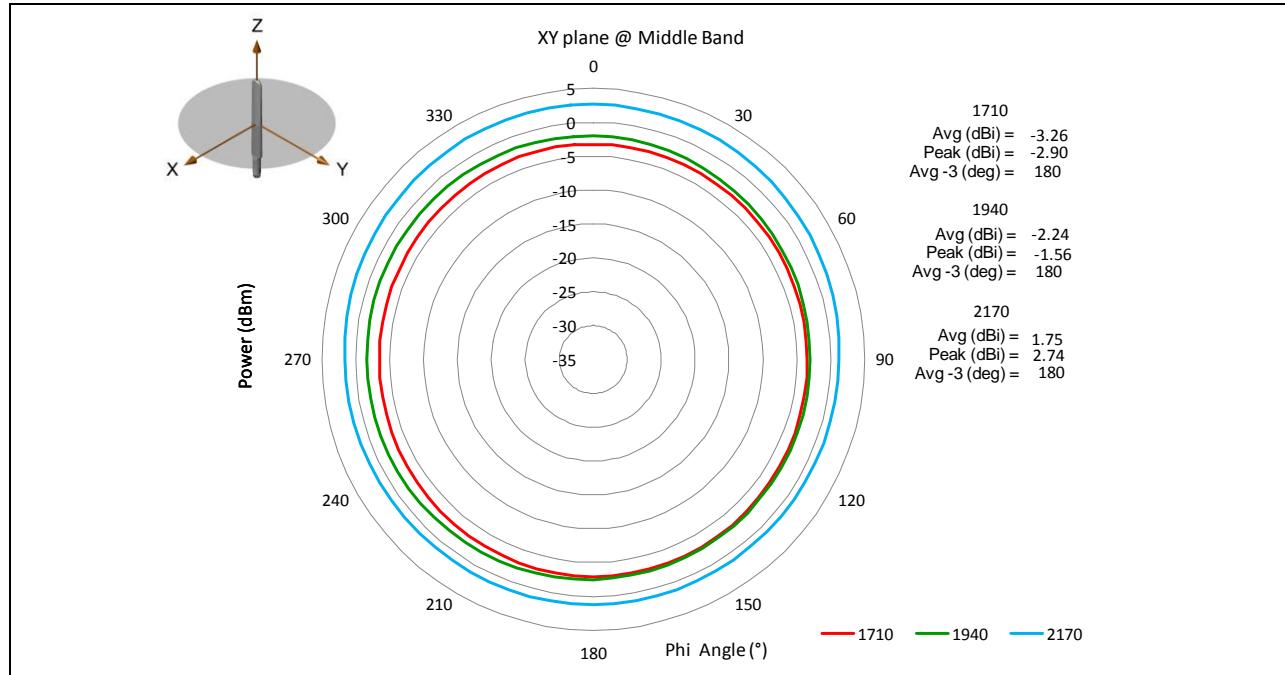


MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

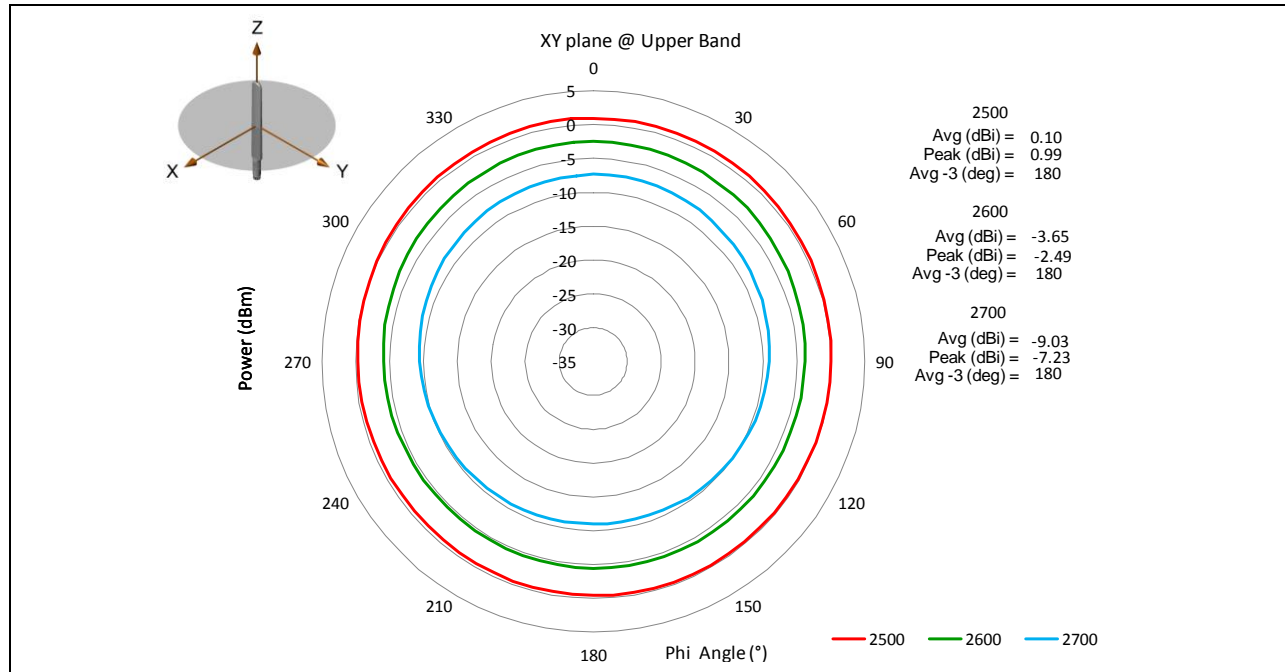
SPDA24700/2700

Series : ANTENNA

Horizontal plane



Horizontal plane



Issue: 1317

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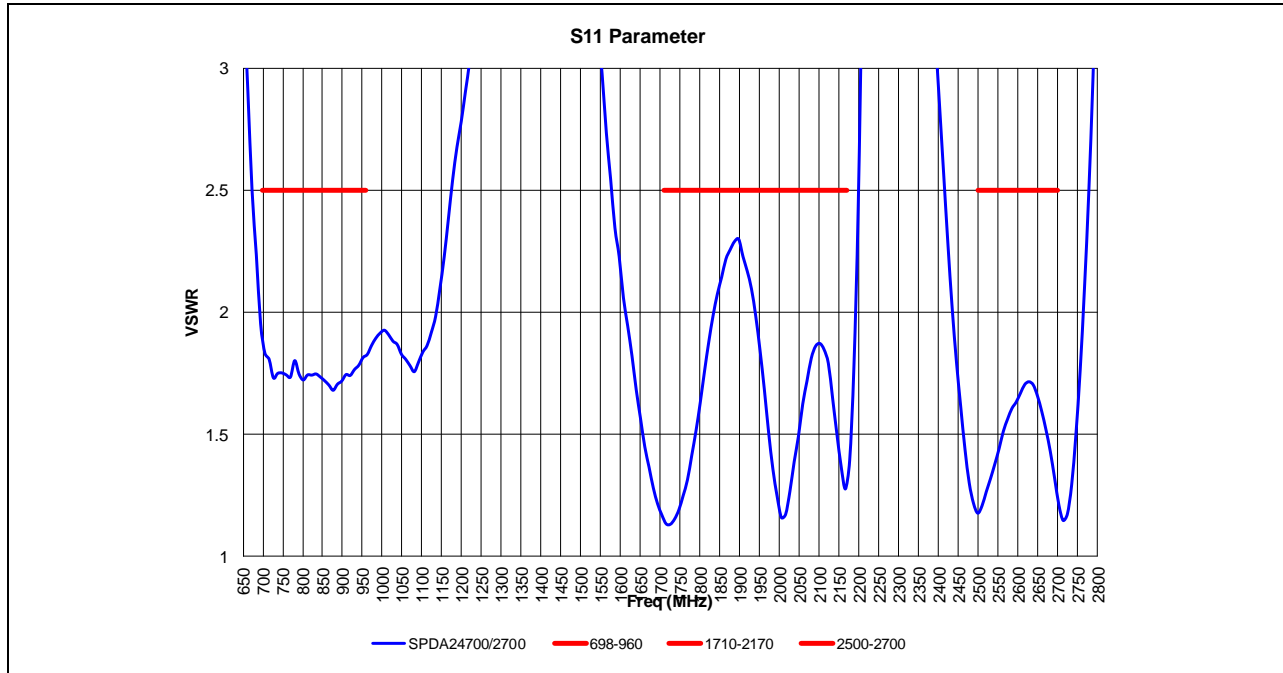


MULTI BAND SWIVEL MOUNT DIPOLE
698-960/1710-2170/2500-2700MHz

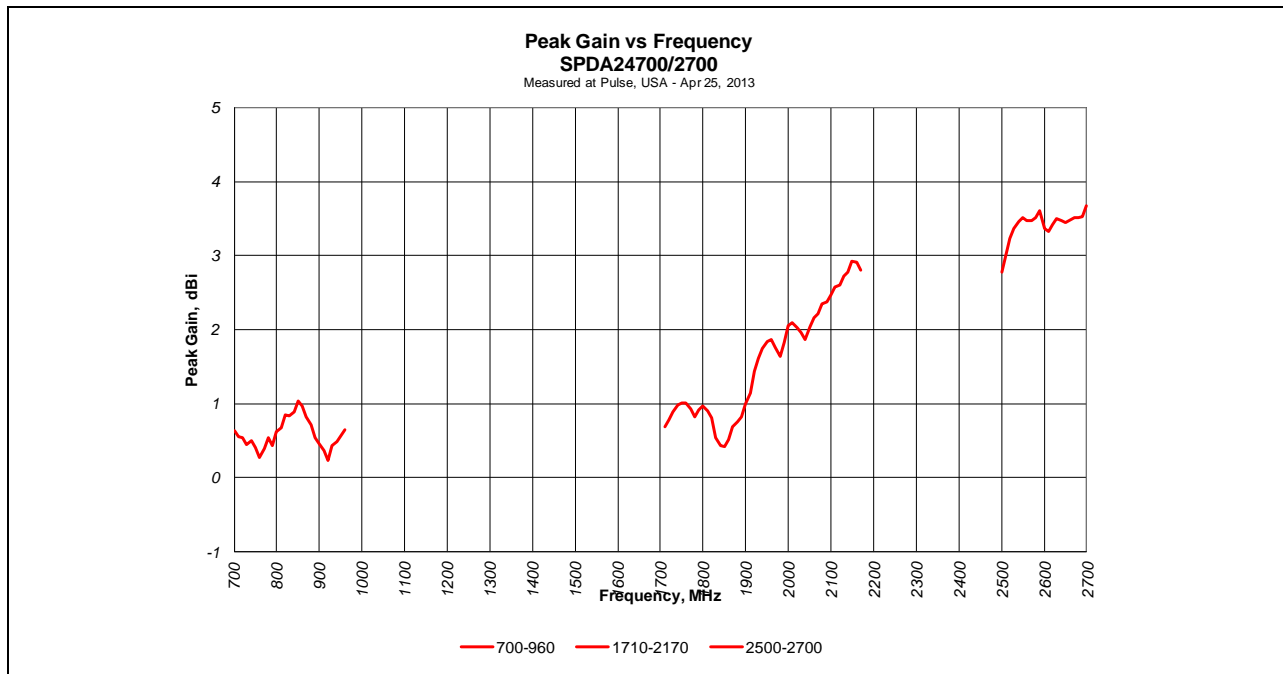
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VSWR



Peak Gain



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