

P6886300

Quad Band | Panel | XXXX-Pol | 70° / 60° / 60° / 60° | 14.0 / 16.0 / 16.0 / 16.0 dBi | Variable Tilt

- Quad band, XXXX-Pol, variable tilt, panel antenna
- Continuously adjustable downtilt 0-10°/0-10°/0-10°/0-10°
- Manual (MET) or Integrated Remote (RET) electrical tilt options
- Mounting and downtilt brackets included

| Ordering Options | Model Number | | | |
|---|---|-------------|-----------------------|---------------|
| Manual Electrical Tilt | P6886300 | | | |
| Remote Electrical Tilt (Internal), AISG v2.0/3GPP | P6886300G | | | |
| Electrical Characteristics | 698-960 MHz | | (3x) 1710-2690 MHz | |
| Frequency Bands | 698-806 MHz | 806-960 MHz | 1710-2170 MHz | 2170-2690 MHz |
| Polarization | ±45° | | (3x) ±45° | |
| Horizontal Beamwidth (±5°) | 70° | 68° | 60° | 60° |
| Vertical Beamwidth (±5°) | 17.5° | 12.5° | 12° | 9° |
| Gain (±1 dB) | 13.0 dBi | 14.0 dBi | 15.0 dBi | 16.0 dBi |
| Electrical Downtilt | 0-10° | | 0-10° | |
| Impedance | 50Ω | | | |
| VSWR | < 1.5 | | | |
| Return Loss | > 14 dB | | | |
| Upper Sidelobe Suppression (±30°) | > 16 dB | | > 18 dB | |
| Front-to-Back Ratio (180° ±30°) | ≥ 25 dB | | ≥ 25 dB | |
| In-Band Isolation | ≥ 25 dB | | | |
| Inter-Band Isolation | ≥ 30 dB | | | |
| IM3 (2x43 dBm carrier) | < -150 dBc | | | |
| Input Power (at 50° C ambient temperature) | (2x) 500 W | | (6x) 250 W | |
| Operating Temperature | -40° to +65° C (-40° to +149° F) | | | |
| Lightning Protection | DC Ground | | | |
| Connector(s) | 8 Connectors / 7/16-DIN Female / Bottom | | | |
| Mechanical Characteristics | | | | |
| Radome Material/Color | ASA / Grey | | | |
| Operational Humidity (at 30° C) | 95% Relative Humidity | | | |
| Dimensions (Height x Width x Depth) | 1538 x 319 x 127 mm | | 60.6 x 12.6 x 5.0 in | |
| Weight without Mounting Brackets | 24 kg | | 52.9 lbs | |
| Packing Dimensions (H x W x D) | 1698 x 470 x 420 mm | | 66.9 x 18.5 x 16.5 in | |
| Packing Weight | 31 kg | | 68.3 lbs | |
| Survival Wind Speed | 201 km/hr | | 125 mph | |
| Wind Load - Rear (200 km/hr or 124 mph) | 750 N | | 169 lbf | |
| Mounting Options | | | | |
| Attach to Pipe Diameter | | | | |
| Mounting & Downtilt Bracket Kit Included | Ø50-Ø115 mm | | Ø2.0-Ø4.5 in | |
| Mechanical Tilt Range | 0-20° | | | |

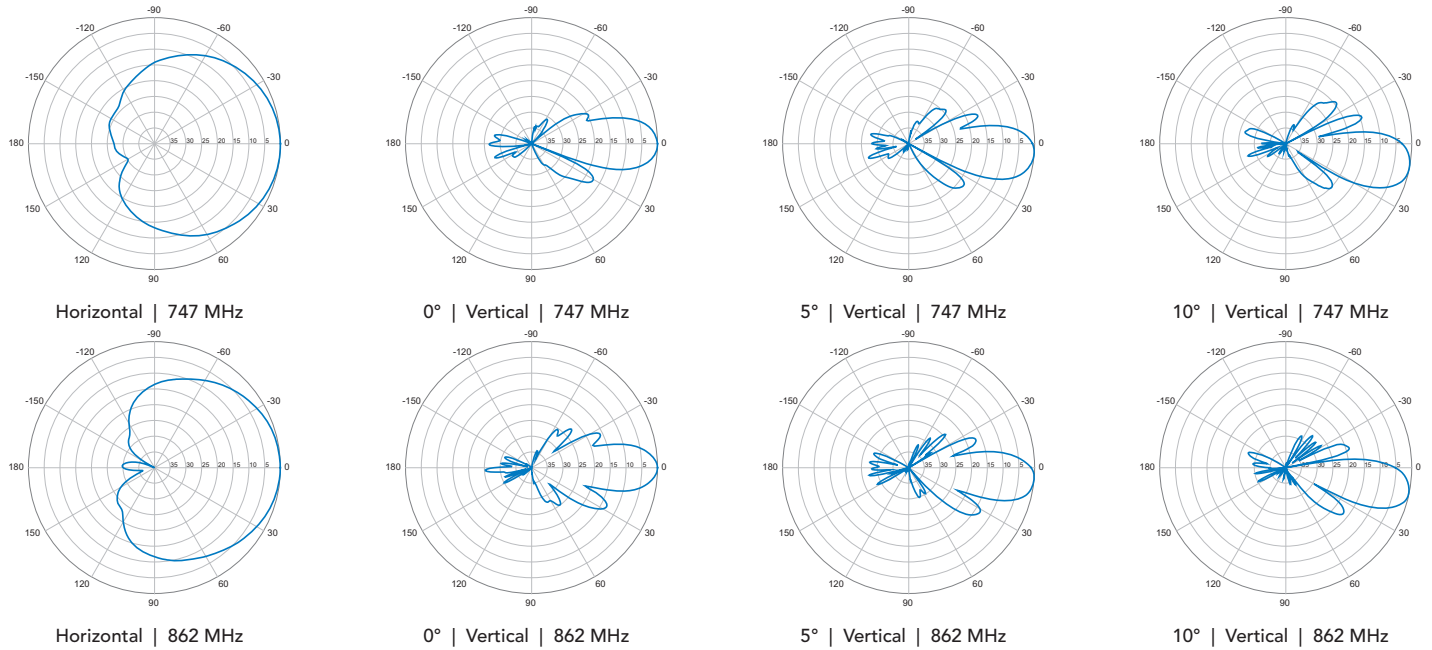


Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

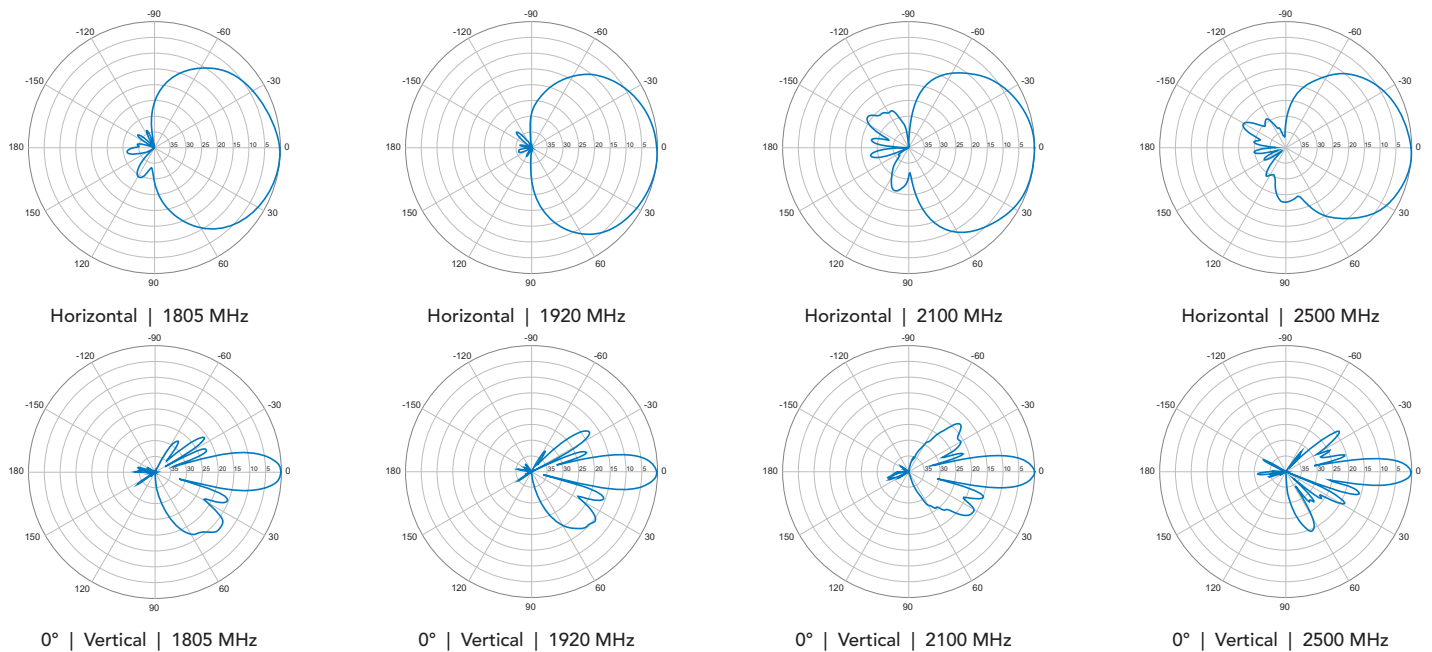
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698-960 MHz



1710-2690 MHz

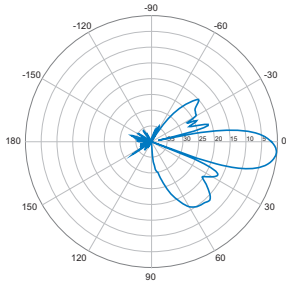


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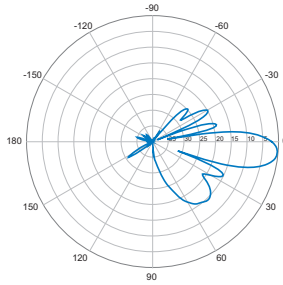
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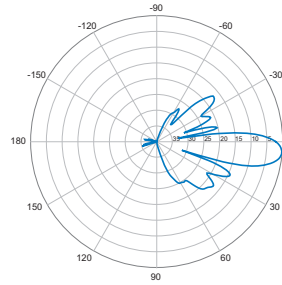
1710-2690 MHz



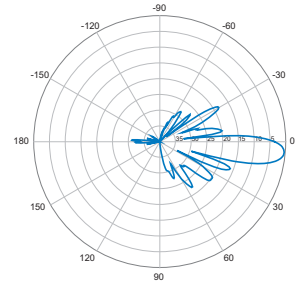
5° | Vertical | 1805 MHz



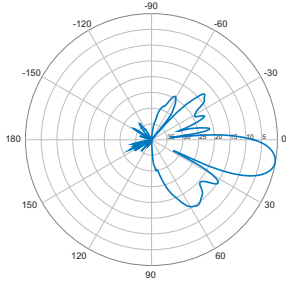
5° | Vertical | 1920 MHz



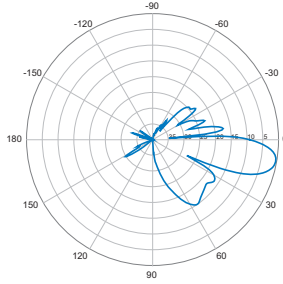
5° | Vertical | 2100 MHz



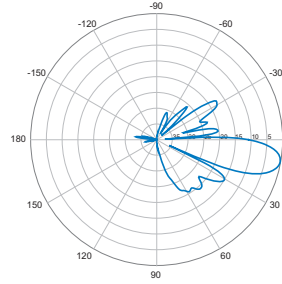
5° | Vertical | 2500 MHz



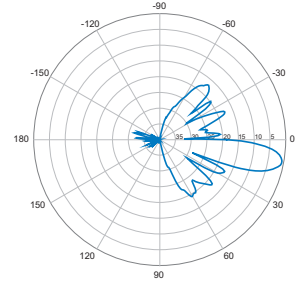
10° | Vertical | 1805 MHz



10° | Vertical | 1920 MHz



10° | Vertical | 2100 MHz



10° | Vertical | 2500 MHz

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