

HTXCW631619x000

Dual Band | Panel Antenna | XX-Pol | 63° / 63° | 15.9 / 18.0 dBi | Variable Tilt

- Dual band, XX-Pol, variable tilt, panel antenna
- Features an adjustable mounting bracket channel for custom mounting in any situation



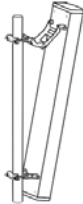


| Ordering Options | Model Number | | | | |
|--|--------------------------------------|----------|----------------------|-----------|-----------|
| When ordering, replace "x" in the model number with one of the options listed below. | | | | | |
| Manual Electrical Tilt | HTXCW631619M000 | | | | |
| Remote Electrical Tilt AISG v1.1 | HTXCW631619R000 | | | | |
| Remote Electrical Tilt AISG v2.0 / 3GPP | HTXCW631619R000G | | | | |
| Remote Electrical Tilt Ericsson Proprietary | HTXCW631619R000E | | | | |
| Mounting bracket kits and other accessories are ordered separately. | | | | | |
| Electrical Characteristics | 696-960 MHz | | 1710-2170 MHz | | |
| Frequency Bands (MHz) | 696-806 | 806-960 | 1710-1880 | 1850-1990 | 1920-2170 |
| Polarization | ±45° | | ±45° | | |
| Horizontal Beamwidth | 65° | 63° | 65° | 63° | 61° |
| Vertical Beamwidth | 9° | 8.5° | 6° | 5.5° | 5° |
| Gain | 15.4 dBi | 15.9 dBi | 17.0 dBi | 17.5 dBi | 18.0 dBi |
| Electrical Downtilt | 2-10° | | 2-10° | | |
| Impedance | 50Ω | | | | |
| VSWR | ≤ 1.5:1 | | ≤ 1.5:1 | | |
| Upper Sidelobe Suppression (0°) | > 16 dB | | > 16 dB | | |
| Front-to-Back Ratio (±30°) | > 30 dB | | > 30 dB | | |
| Isolation Between Ports (intra-band) | < -25 dB | | | | |
| IM3 (3rd order for 2x20W carrier) | < -153 dBc | | | | |
| Input Power | 500 W | | 250 W | | |
| Lightning Protection | Direct Ground | | | | |
| Connector(s) | 4 Ports / DIN or N / Female / Bottom | | | | |
| Mechanical Characteristics | | | | | |
| Dimensions HTXCW631619M000 (LxWxD) | 2095 x 304 x 180 mm | | 82.5 x 12.0 x 7.1 in | | |
| Dimensions HTXCW631619R000 (LxWxD) | 2274 x 304 x 194 mm | | 89.5 x 12.0 x 7.6 in | | |
| Weight without Mounting Brackets | 19.0 kg | | 41.9 lbs | | |
| Survival Wind Speed | > 200 km/hr | | > 125 mph | | |
| Wind Loads (160 km/hr or 100 mph) | Front | 780 N | 175 lbf | | |
| | Side | 462 N | 104 lbf | | |

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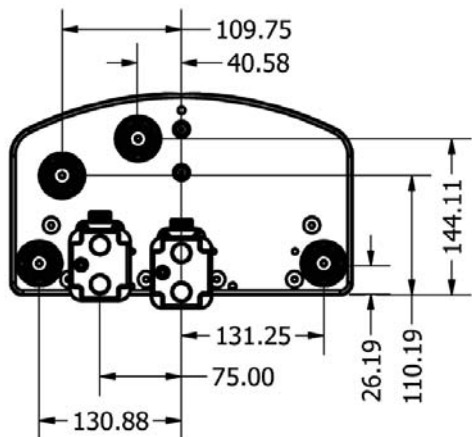
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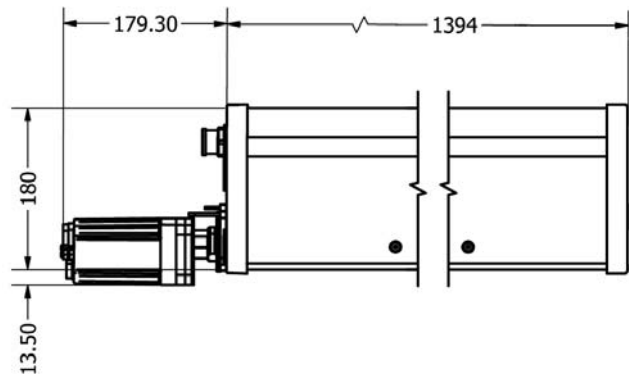
| Electrical Downtilt Control | | | | |
|---|---|---|--|----------------|
| Remote Electrical Tilt (RET) Control | The remote control of the electrical tilt is managed by an external unit. | | | |
| RET Module Part Number (two per antenna) | The RET module is factory installed and does not need to be ordered separately. | | | |
| | Part Number for AISG v1.1 protocol: | RETU-EB01 | Two units included with HTXCW631619R000 | |
| | Part Number for AISG v2.0 / 3GPP protocol: | RETU-EG01 | Two units included with HTXCW631619R000G | |
| | Part Number for Ericsson Proprietary protocol: | RETU-EE01 | Two units included with HTXCW631619R000E | |
| Important Installation Instructions  | In order to operate RET control, the transparent caps covering the tilt adjustment indicators must be engaged and locked. Do not cut them from the antenna. | | | |
| | Do not install the antenna with the connectors facing upward. | | | |
| Mounting Options | Part Number | Image | Fits Pipe Diameter | Weight |
| All mounting bracket kits are ordered separately unless otherwise indicated. Select from the options listed below. | | | | |
| Pole Mounting Bracket Kit | MKS04P01 |  | 40-115 mm 2.0-4.5 in | 2.9 kg 6.4 lbs |
| Scissor Tilt Bracket Kit | MKS04T03 |  | 40-115 mm 2.0-4.5 in | 4.1 kg 9.0 lbs |

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Bottom View / Dimensions



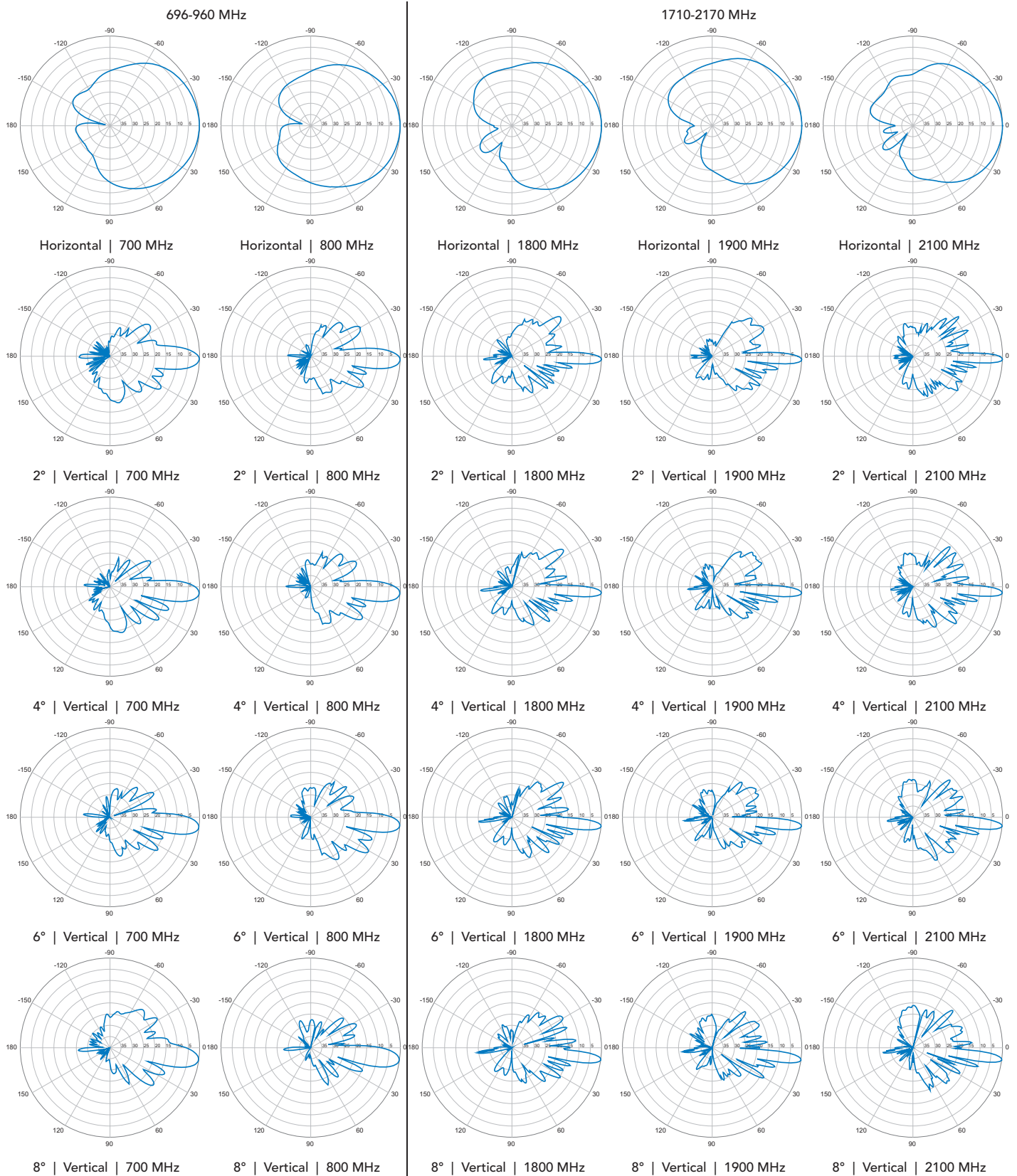
Side View / Dimensions



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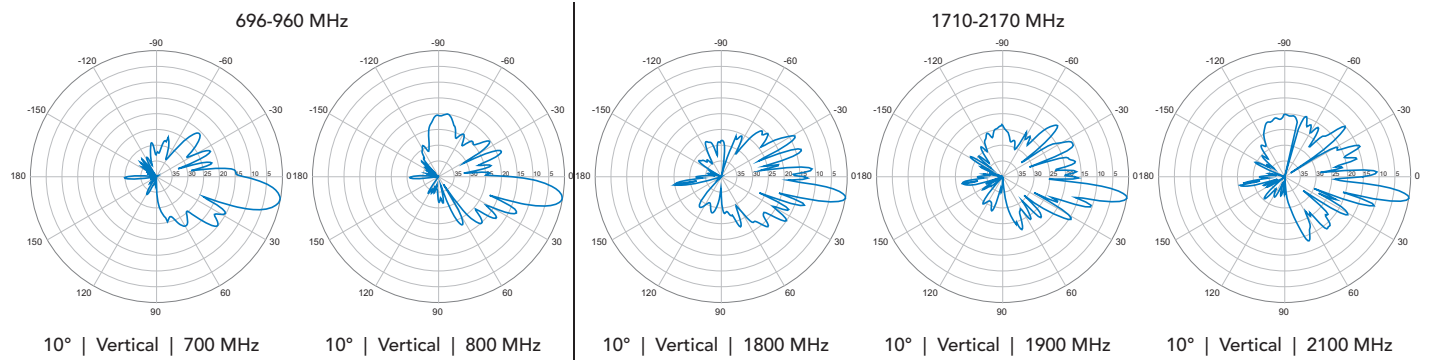
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