

HTXCW631819x000

Dual Band | Panel Antenna | XX-Pol | 63° / 63° | 17.5 / 18.0 dBi | Variable Tilt

- Dual band, variable tilt, panel antenna
- Independent tilt on each band, 2°-10° / 2°-10°
- MET and RET versions, AISG v1.1 or 3GPP / AISG v2.0
- External RET units





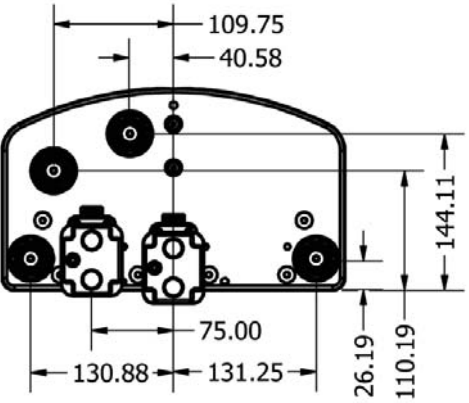
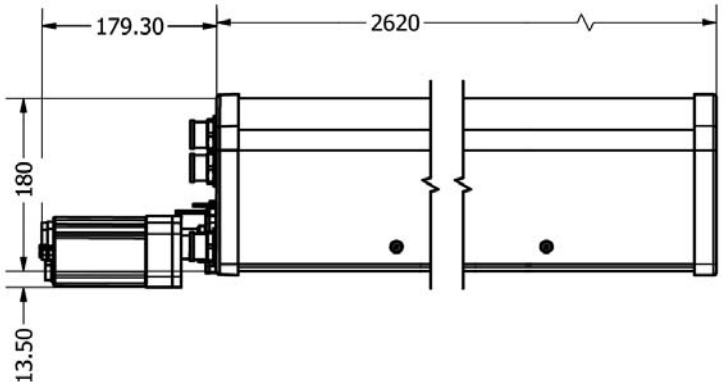
Ordering Options	Model Number				
When ordering...	Replace "x" in the model number with one of the options listed below.				
Manual Electrical Tilt	HTXCW631819M000				
Remote Electrical Tilt AISG v1.1	HTXCW631819R000				
Remote Electrical Tilt AISG v2.0 / 3GPP	HTXCW631819R000G				
Electrical Characteristics	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	8°	6°	6°	5.5°	5°
Gain	17.0 dBi	17.5 dBi	17.0 dBi	17.5 dBi	18.0 dBi
Electrical Downtilt	2-10°		2-10°		
Impedance	50Ω		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		> 25 dB		
IM3 (2x20W carrier)	< -153 dBc		< -153 dBc		
Input Power	500 W		250 W		
Lightning Protection	Direct Ground				
Connector(s)	4 ports / 7/16 -DIN / Female / Bottom				
Mechanical Characteristics					
Dimensions without RET Units (HxWxD)	2620 x 304 x 180 mm		103.1 x 12.0 x 7.1 in		
Dimensions with RET Units (HxWxD)	2799 x 304 x 194 mm		110.2 X 12.0 X 7.6 in		
Weight without Mounting Brackets	22 kg		49 lbs		
Survival Wind Speed	> 200 km/hr		> 125 mph		
Wind Loads (160 km/hr or 100 mph)	Front	971 N		218 lbf	
	Side	573 N		129 lbf	

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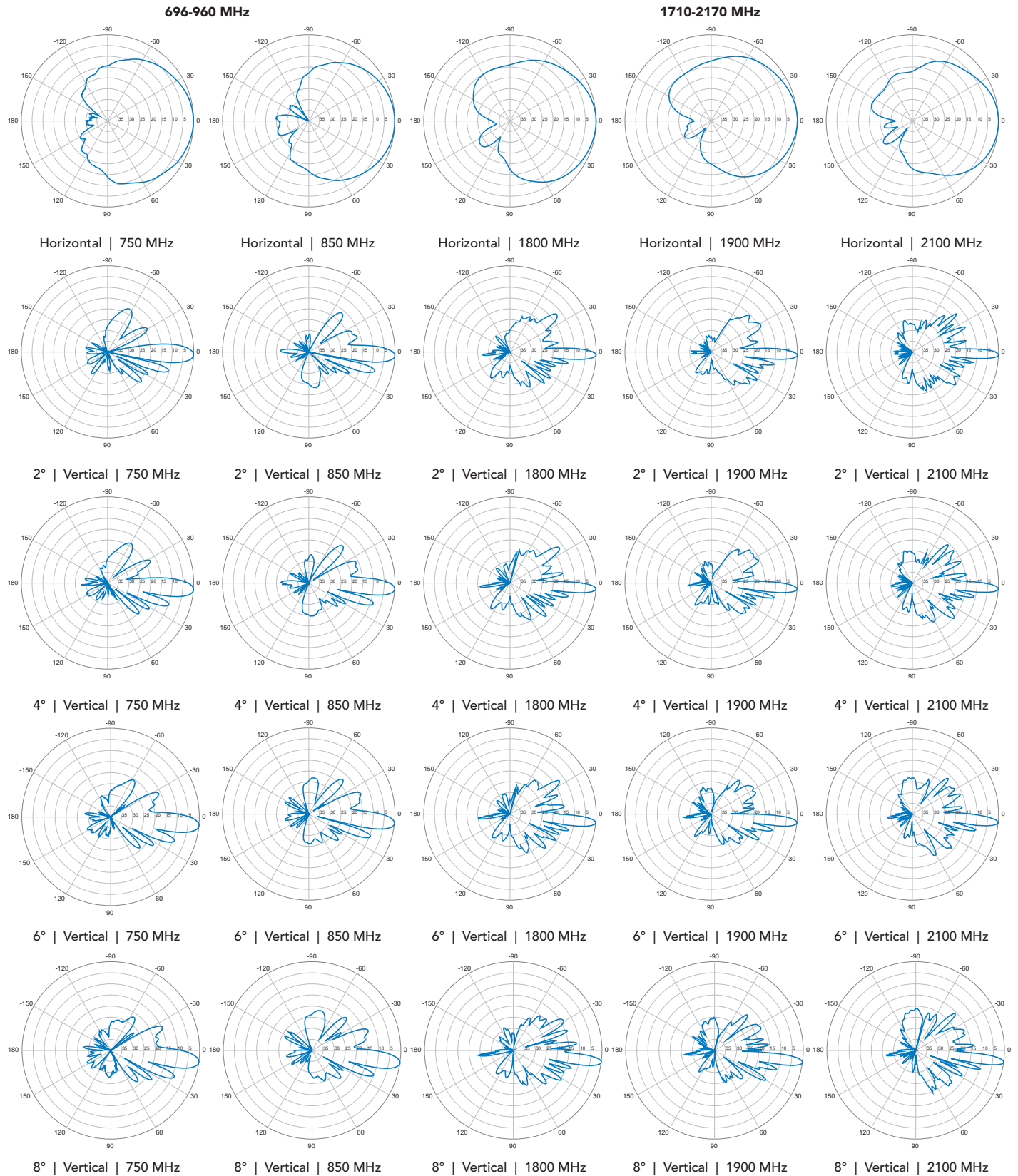
Electrical Downtilt Control				
Manual Electrical Tilt (MET) Control	A knob located at the bottom of the antenna allows change of the tilt. The knob is accessed by removing the two hex-head screws on adjustment knob cover. After adjustment is made cover must be replaced and the hex-head screws re-tightened. Manual control is only available if HTXCW631819M000 antenna version is ordered.			
Remote Electrical Tilt (RET) Control	The remote control of the electrical tilt is managed by a external RET module. This external remote control unit (RCU) adds an additional 170 mm (6.7 in) of length at the bottom of the antenna. When RCU is attached to the antenna no manual electrical tilt control is available.			
RET Module	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 installed on HTXCW631819R000	
	Part Number for 3GPP/AISG v2.0 protocol:	RETU-EG01	Two units installed on HTXCW631819R000G	
Important Installation Instructions	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.				
2-Point Mounting Bracket Kit	MKS04P01		40-115 mm 1.57-4.5 in	2.9 kg 6.4 lbs
2-Point Scissor Tilt Bracket Kit	MKS04T03		40-115 mm 1.57-4.5 in	4.1 kg 9.0 lbs

Dimensions	
HTXCW631819R000 Bottom View	HTXCW631819R000 Side View
	

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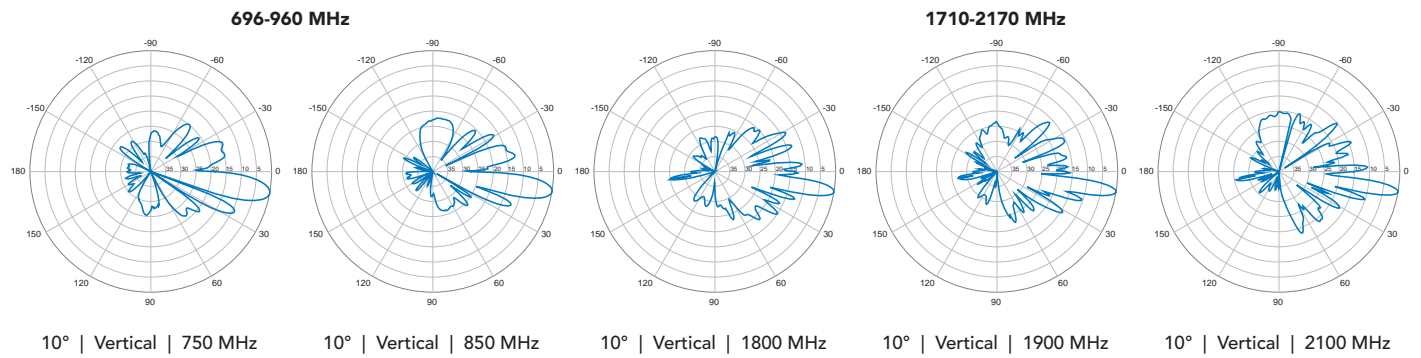
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