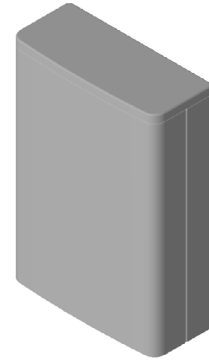


2' 14-Port 45° Directional Panel Antenna [698-896, 1695-2690, 3300-4000 and 5150-5925 MHz]

GP2414-07331

Description:

- 14-Port MIMO sector antenna for for Small Cell and DAS applications
- 45° beam width dual-polarized covering LTE700/CELL 850, AWS/PCS/ WCS/BRS, C-Band and LAA / U-NII Bands
- 4x ports for 698-896 MHz
- 4x ports for 1695-2690 MHz
- 4x ports for 3300-4000 MHz
- 2x ports for 5150-5925 MHz*
- Includes wall/pole mounting bracket



698-896, 1695-2690, 3300-4000 and 5150-5925 MHz
14-Port 45° Directional Panel Antenna

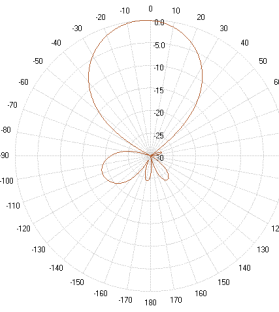
*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information

Electrical Specifications								
Frequency Band [MHz]	698-896	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4000	5150-5925
Input Connector Type	4x 4.3-10(F)	4x 4.3-10(F)			4x 4.3-10(F)		2x 4.3-10(F)	
Isolation (min.)	25 dB	25 dB			25 dB		25 dB	
VSWR (max.) /RL (min.)	1.5:1 / 14.0 dB							
Impedance	50 Ω							
Polarization	Dual slant 45° (±45°)							
Horizontal Beamwidth (°)	46	47	43	37	47	49	50	36
Vertical Beamwidth (°)	82.5	26.5	22.6	19.8	26.0	25.5	24.1	21.5
Gain (dBi, max.)	9.7	14.3	14.5	15.9	13.4	13.4	14.0	4.8
Gain (dBi, avg.)	8.9	13.3	14.2	14.4	12.9	13.0	12.9	3.8
Front-to-Back Ratio, 180° (dB)	24	35	33	37	37	36	36	30
Downtilt	0° Fixed							
Max Power / Port	100 Watts				100 Watts		1 Watt	
PIM @ 2x43 dBm	<-153 dBc				<-145 dBc		N/A	

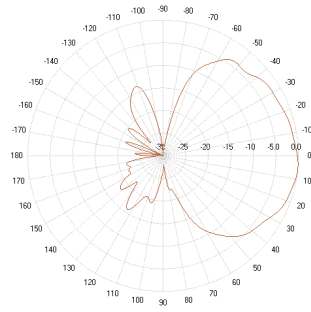
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Dimensions (Height x Width x Depth)	24.5" x 16.9" x 7.2" (622 mm x 430 mm x 184 mm)
Antenna Weight	25 lbs (11.4 kg)
Radome Material	ASA
RoHS	Compliant
Radome Color	Gray
Environmental Rating	Outdoor
Wind Survival Rating	150 mph (241 km/h)

RFD# 7331 ; Revision: R2 ; Release Date: June 29, 2022;

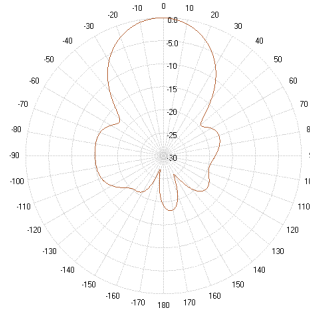
2D Antenna Patterns



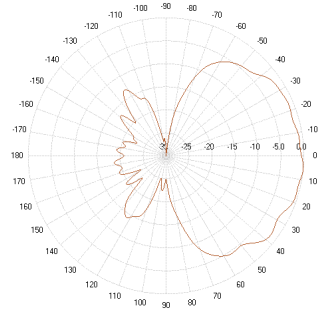
788 MHz



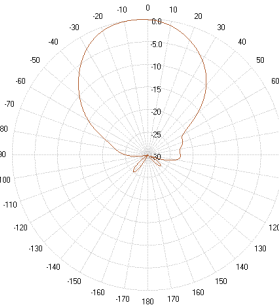
860 MHz



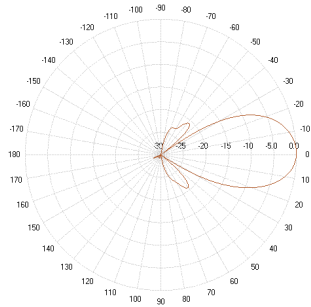
1880 MHz



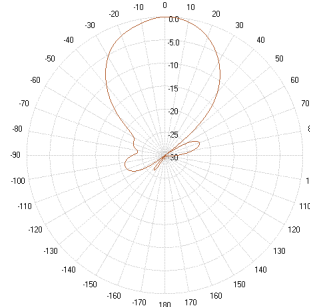
2315 MHz



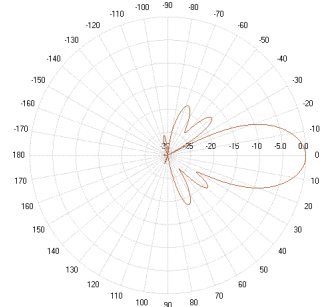
2620 MHz



3550 MHz



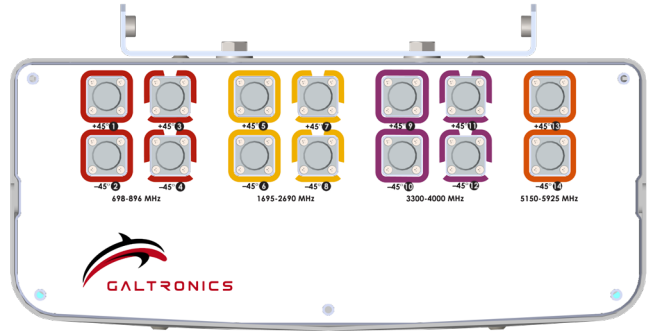
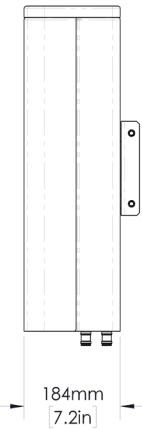
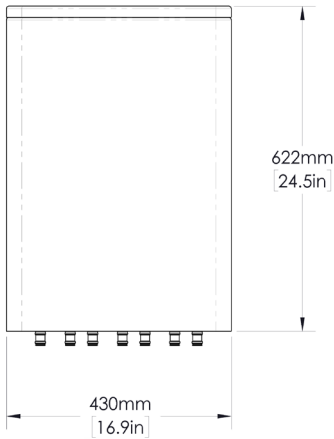
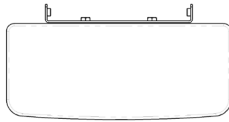
3740 MHz



5250 MHz

RFD# 7331 ; Revision: R2 ; Release Date: June 29, 2022;

Mechanical Outline & Bottom Plate Labels



Mating Connector Torque:
4.3-10: 3.7 ft-lb (5 Nm)

Part Numbers & Ordering Options

Description	Color	Mounting Kit	Part Number
14-Port 45° Directional Panel Antenna w/14x 4.3-10(F) Connectors	Gray	Including MK-06853 Wall/Pole Mounting Kit	GP2414-07331-1xx

Mounting Brackets & Optional Accessories

[Included] Heavy Duty Mounting Bracket
Wind speed of 150 mph

This standard mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.



MK-06853

[Optional] Heavy Duty Dual Axis Adjustable Mounting Bracket
Wind speed of 150 mph

This optional mounting bracket offers an easy installation solution to mount the antenna to either a horizontal or a vertical pole.



62-45-09