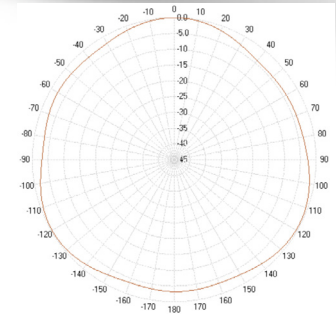


**24" x 14" Pseudo Omni 12-Port Canister Antenna [698-896, 1695-2360, 3550-3700 and 5150-5925 MHz]**

**GQ2412-06613**

**Description:**

- Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells
- 2x ports for Low Band 698-896 MHz
- 4x ports for AWS/PCS/WCS Band 1695-2360 MHz
- 4x ports for CBRS Band 3550-3700 MHz
- 2x ports for UNII Band 5150-5925 MHz\*



698-896, 1695-2360, 3550-3700 and 5150-5925 MHz Pseudo Omni Canister Antenna

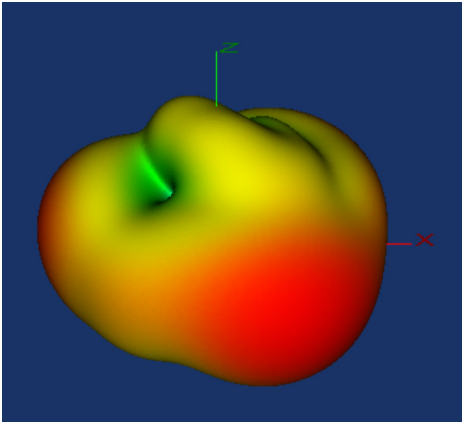
\*Compliant to 789033 D02 General UNII Test Procedures New Rules v01r04: Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E

Electrical Specifications					
Frequency Band [MHz]	698-896	1695-2180	2305-2360	3550-3700	5150-5925
Input Connector Type	2x 4.3-10(F)	4x 4.3-10(F)		4x 4.3-10(F)	2x 4.3-10(F)
Isolation (Typ.)	20 dB				
VSWR/Return Loss (Typ.)	1.5:1 / 14.0 dB				
Impedance	50 Ω				
Polarization	Dual slant 45° (±45°)				
Horizontal Beamwidth	Omni (360°)				
Vertical Beamwidth	41.7°	19°	15.9°	18°	23.7°
Max. Gain	7.8 dBi	8.9 dBi	9.1 dBi	8.5 dBi	6 dBi
Avg. Gain	6.1 dBi	7.5 dBi	8.0 dBi	7.9 dBi	5.4 dBi
Downtilt	0° Fixed				
Max Power / Port	100 Watts	50 Watts		50 Watts	1 Watt
PIM @ 2x43 dBm	<-153 dBc	<-153 dBc		N/A	N/A

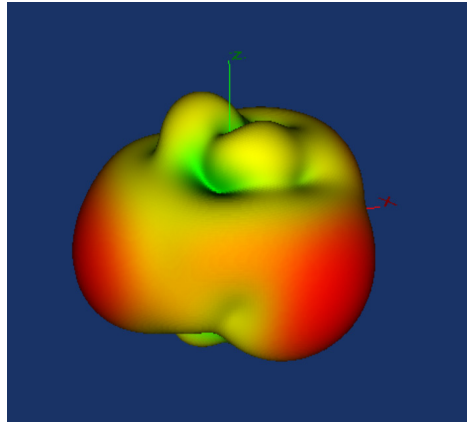
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	30.9 lbs (14 kg)
Antenna Diameter	14.7" (374 mm)
Antenna Height	24.5" (622 mm)
Radome Material	ASA
Radome Color	Gray, Brown, Black, 3M™ Conceal Film, Custom Colors Possible
Wind Survival Rating	150 mph (241 km/h)

Release Date: November 02, 2017; Revision: A : GQ2412-06613

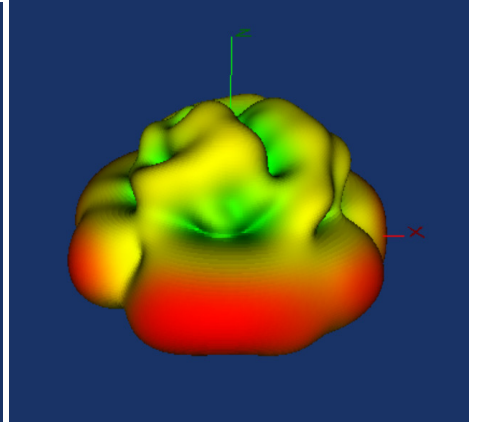
**3D Antenna Patterns**



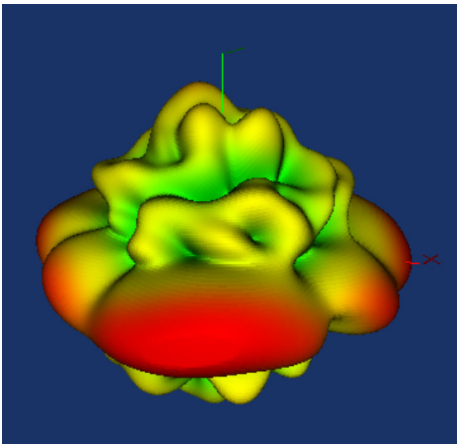
**740 MHz**



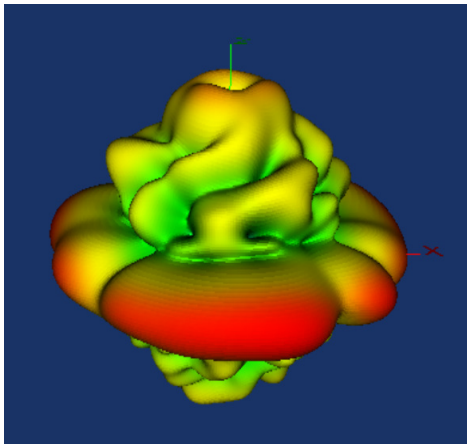
**751 MHz**



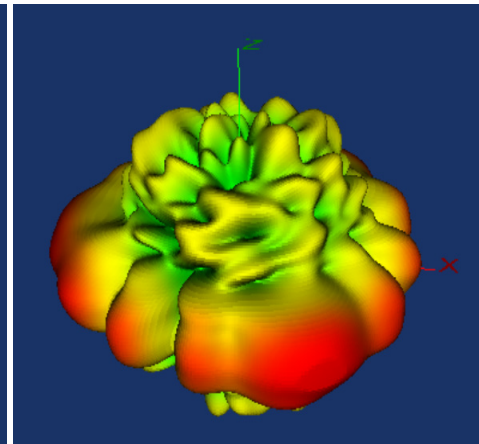
**1770 MHz**



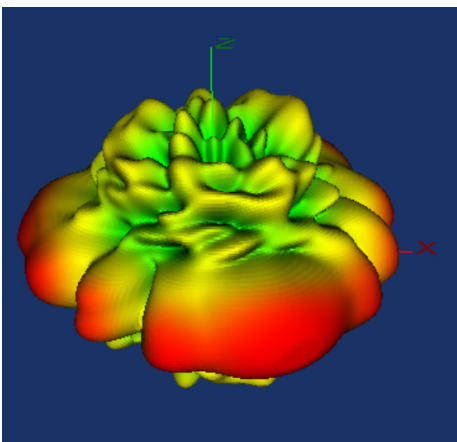
**2155 MHz**



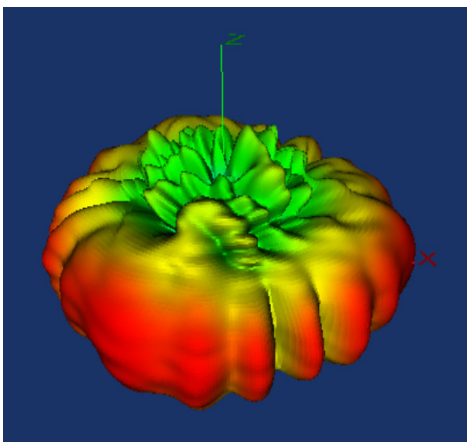
**2325 MHz**



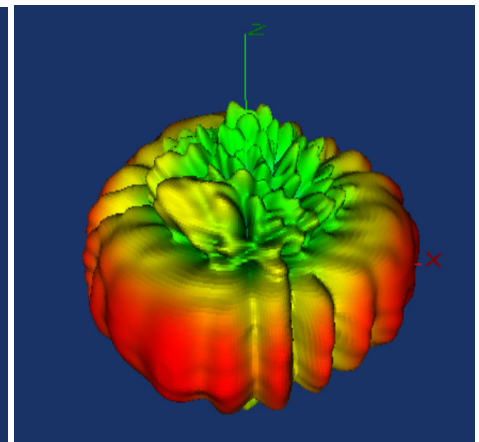
**3580 MHz**



**3650 MHz**



**5200 MHz**



**5850 MHz**

Release Date: November 02, 2017; Revision: A : GQ2412-06613

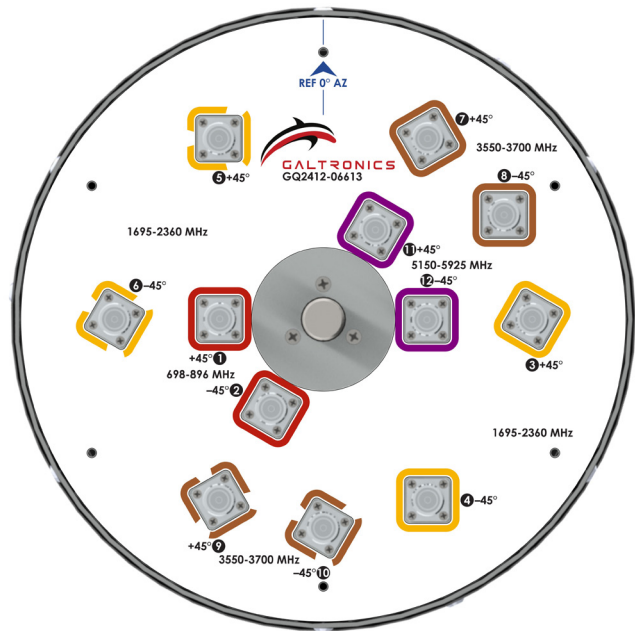
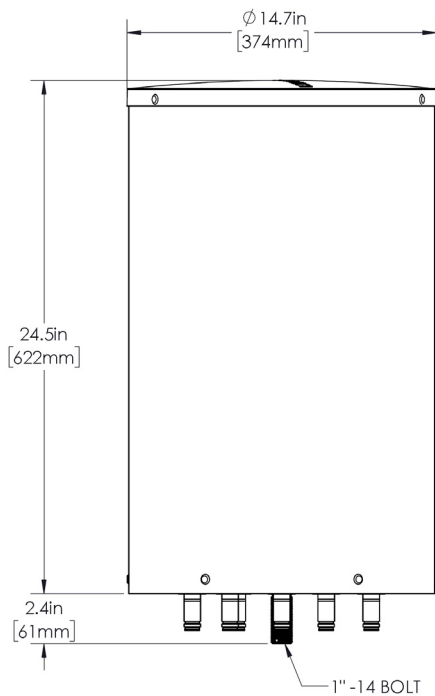


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**Additional Technical Information**

**Mechanical Dimensions**



**Part Numbers, Ordering Options and Accessories**

Description:	Part Number:
Antenna with 12x 4.3-10(F) Connectors, Gray	GQ2412-06613-111
Antenna with 12x 4.3-10(F) Connectors, Brown	GQ2412-06613-611
Antenna with 12x 4.3-10(F) Connectors, Black	GQ2412-06613-B11
Antenna with 12x 4.3-10(F) Connectors, Chrome (3M™ Conceal Film)	GQ2412-06613-C11
Antenna with 12x 4.3-10(F) , Gray (including MK-06678 and MK-06679 mounting kits)	GQ2412-06613-112
Antenna with 12x 4.3-10(F) , Brown (including MK-06678 and MK-06679 mounting kits)	GQ2412-06613-612
Antenna with 12x 4.3-10(F) , Black (including MK-06678 and MK-06679 mounting kits)	GQ2412-06613-B12
Antenna with 12x 4.3-10(F) , Chrome (3M™ Conceal Film) - (including MK-06678 and MK-06679 mounting kits)	GQ2412-06613-C12
Mounting Bracket(s):	Part Number:
<b>1" Mount Rod Adapter (wind speed of 150 mph)</b> Universal interface for pole top installation.	 MK-06678
<b>Pole Top Mounting Bracket (wind speed of 150 mph)</b> Bracket base attached directly to wood, metal and cement poles.	 MK-06679

**Matting Male Connector Torque:**

4.3-10: 3.7 ft-lb ( 5 Nm)

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