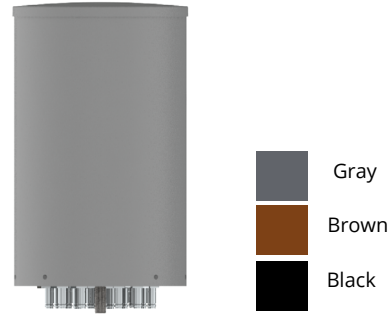


**2' 14-Port Pseudo Omni Canister Antenna [1695-2690, 3300-4200 and 5150-5925 MHz]**

**GQ2414-06939**

**Description:**

- Pseudo Omni Canister Antenna for Outdoor DAS and Small Cells
- 8x ports for AWS/PCS/WCS/BRS Band 1695-2690 MHz
- 4x ports for C-Band 3300-4200 MHz
- 2x ports for U-NII Band 5150-5925 MHz\*



1695-2690, 3300-4200 and 5150-5925 MHz  
14-Port Pseudo Omni Canister Antenna

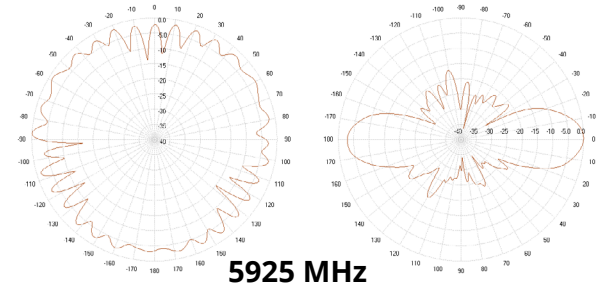
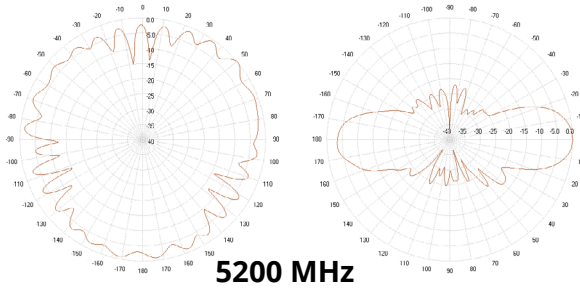
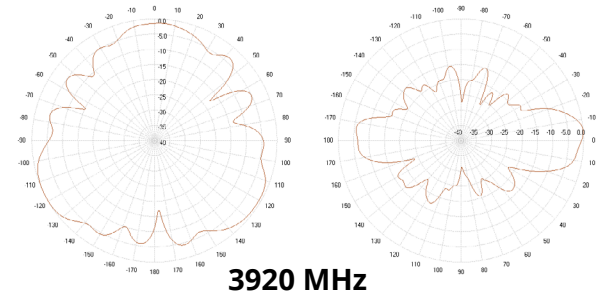
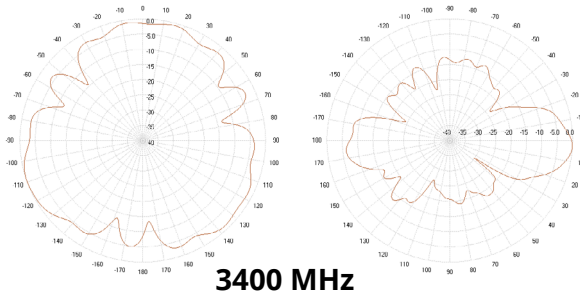
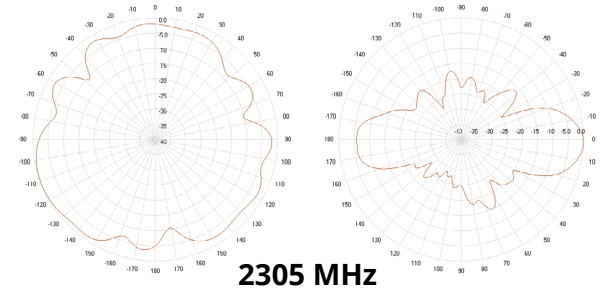
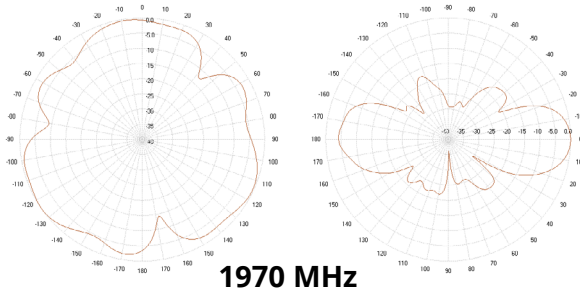
\*Compliant to 789033 D02 General U-NII Test Procedures New Rules v01r04: The antenna meets current U-NII-1 requirements for gain and upper side-lobe performance. Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Sub-part E

Electrical Specifications							
Frequency Band [MHz]	1695-2200	2305-2360	2496-2690	3300-3550	3550-3700	3700-4200	5150-5925
Input Connector Type	8x 4.3-10(F)			4x 4.3-10(F)			2x 4.3-10(F)
Isolation (min.)	25 dB			20 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	Omni (360°)						
Vertical Beamwidth	27.6°	22.9°	21.0°	25.7°	24.8°	22.2°	22.1°
Gain (max.)	8.7 dBi	9.2 dBi	8.8 dBi	8.0 dBi	8.6 dBi	8.9 dBi	5.2 dBi
Gain (avg.)	7.1 dBi	7.5 dBi	7.8 dBi	6.8 dBi	7.4 dBi	8.0 dBi	4.1 dBi
Downtilt	0° Fixed						
Max Power / Port	100 Watts			50 Watts			1 Watt
PIM @ 2x43 dBm	<-153 dBc			N/A			N/A

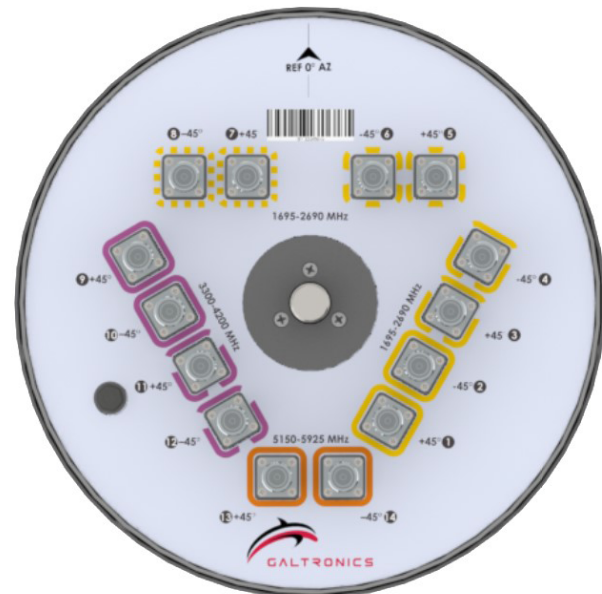
Mechanical Specifications	
Operating Temperature	-40° to 158°F (-40° to +70°C)
Antenna Weight	22.0 lbs (10.0 kg)
Antenna Diameter	14.5" (369.0 mm)
Antenna Height	24.0" (610 mm)
Radome Material	ASA
Radome Color	Gray, Brown and Black
Ingress Protection	Outdoor (IP65)
Wind Survival Rating	150 mph (241 km/h)

RFD# 6939 ; Revision: R1 ; Release Date: June 17, 2020

## 2D Antenna Patterns



## Antenna Outline and Bottom View with Label



### Mating Connector Torque:

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

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## Part Numbers, Ordering Options

Description:	Part Number:
Antenna with 14x 4.3-10(F) , Gray (including MK-06761 mounting kit assembly)	GQ2414-06939-1xx
Antenna with 14x 4.3-10(F) , Brown (including MK-06761 mounting kit assembly)	GQ2414-06939-6xx
Antenna with 14x 4.3-10(F) , Black (including MK-06761 mounting kit assembly)	GQ2414-06939-Bxx

## Mounting Bracket(s):

### Mounting Kit Assembly, Canister, Pole Top (wind speed of 150 mph)

The assembly kit includes a 1" Mount Rod Adapter (MK-06678: universal interface for pole top installation) and a Pole Top Mounting Bracket (MK-06679: a bracket base attached directly to wood, metal and cement poles).

**Note:** 1" Rod Adapter (MK-06678) and Pole Top Mounting Bracket (MK-06679) may be ordered separately.



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MK-06761

### Mating Connector Torque:

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

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