

Covert Wi-Fi Glass Mount Antennas



Hush™ Wi-Fi antennas are an excellent choice for 2.4/5 GHz Bluetooth, DSRC, and Wi-Fi hotspot mobile or Industrial IoT networks requiring a discreet, low profile antenna solution. These overmolded indoor/outdoor rated antennas are tape mounted for maximum placement flexibility. They can be installed almost anywhere, including vehicle windows, factory floors, officer vests, backpacks, and utility cabinets.

Features

- Wideband operation (no field tuning required)
- IP67 rated, overmolded design suitable for outdoor installations
- Glass mount installation, inside or outside the vehicle
- Low-profile design for covert applications



Hush™

STANDARD CONFIGURATION

Model	Mounting Method	Cable	Connector
WV-COVWIFI	Glass Mount (VHB Tape)	3 ft RG316	Reverse Polarity SMA Male
WV-COVDB2458	Glass Mount (VHB Tape)	3 ft RG316	Reverse Polarity SMA Male

ELECTRICAL SPECIFICATIONS - RF ANTENNA

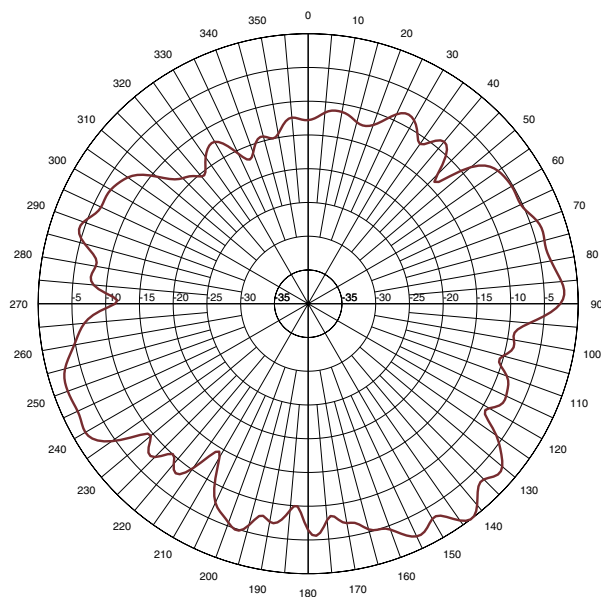
Model	Frequency Range	Nominal Impedance	VSWR	Maximum Power	Nominal Gain
WV-COVWIFI	2.3-2.5 GHz	50 Ohm	≤2.0:1	10 watts	2.5 dBi
WV-COVDB2458	2.3-2.5 GHz, 4.9-5.99 GHz	50 Ohm	≤2.0:1	10 watts	6 dBi / 3.5 dBi

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (ALL MODELS)

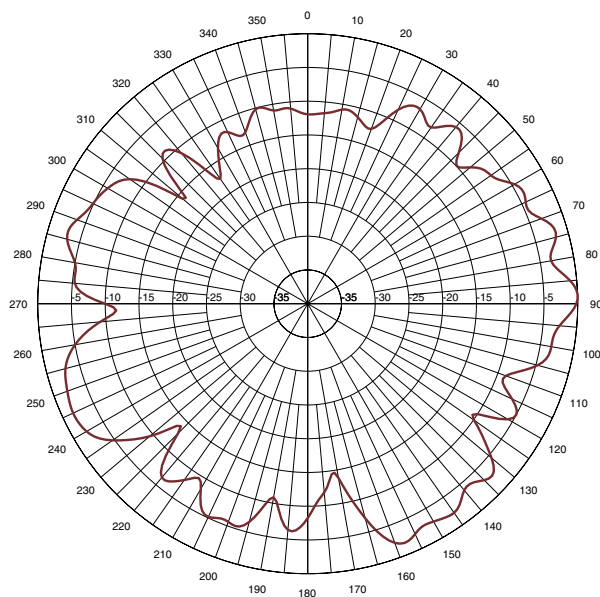
Dimensions	Weight	Housing Material	Temperature Range	Ingress Protection*
2.25 L x .75 W x .17 D in (57.1 x 19 x 4.4 mm)	.054 lbs (0.87 oz)	Black, overmolded Polyamide thermoplastic	-40°C to +85°C operating	IP67 (except for the connector which must be routed inside of the vehicle)

Radiation Patterns

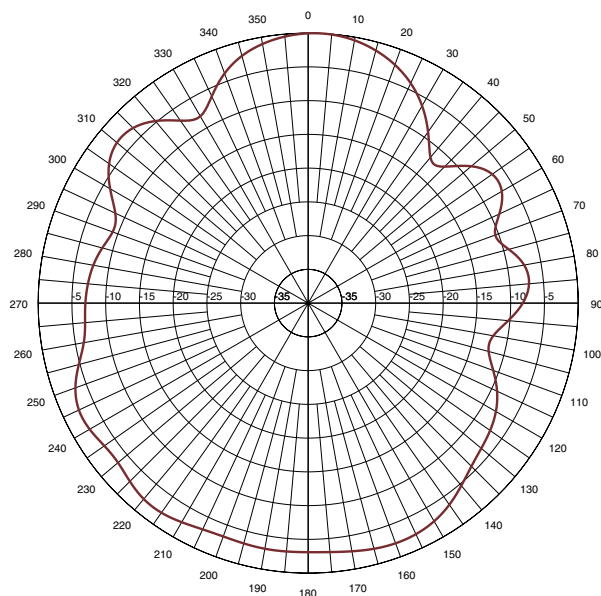
Elevation Pattern at 2300 MHz



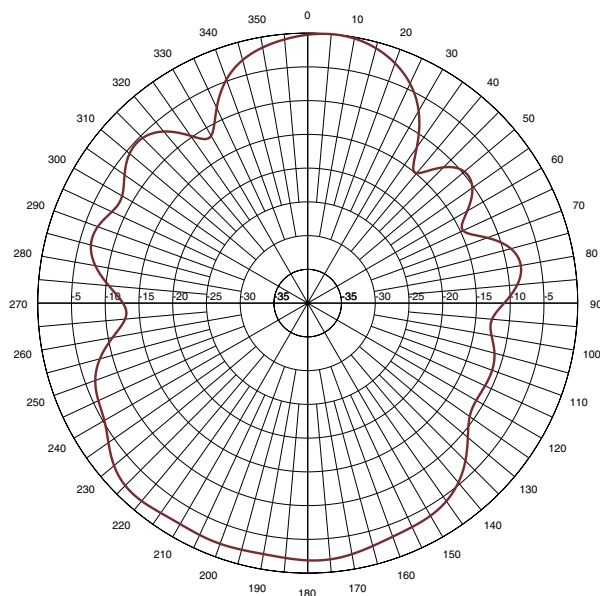
Elevation Pattern at 2450 MHz



Azimuth Pattern at 2300 MHz

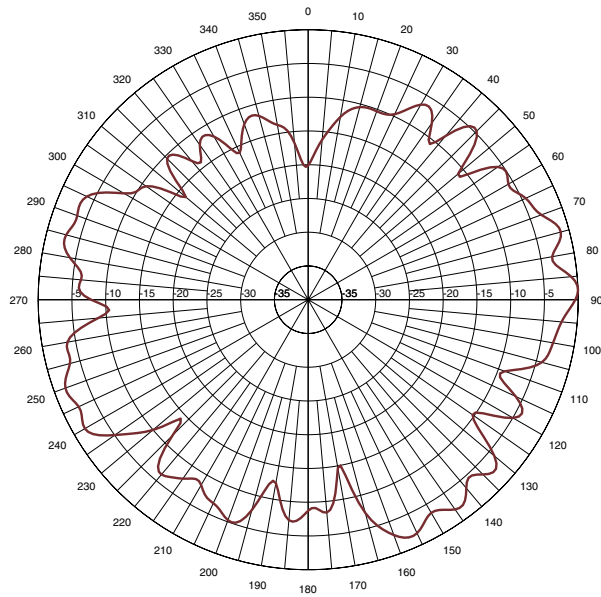


Azimuth Pattern at 2450 MHz

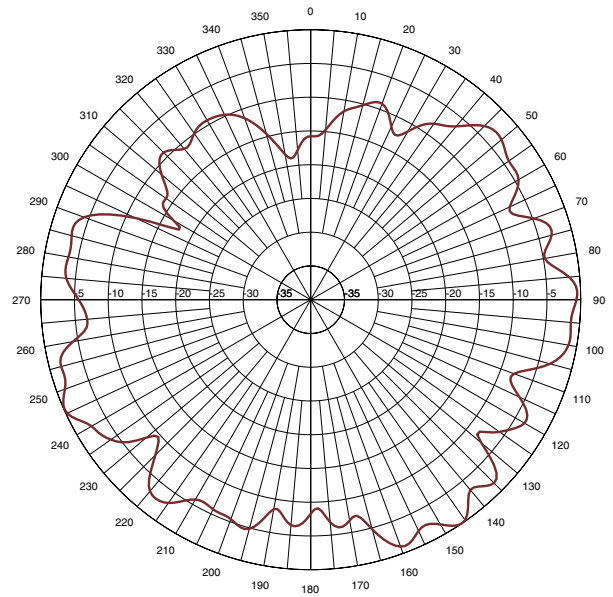


Radiation Patterns

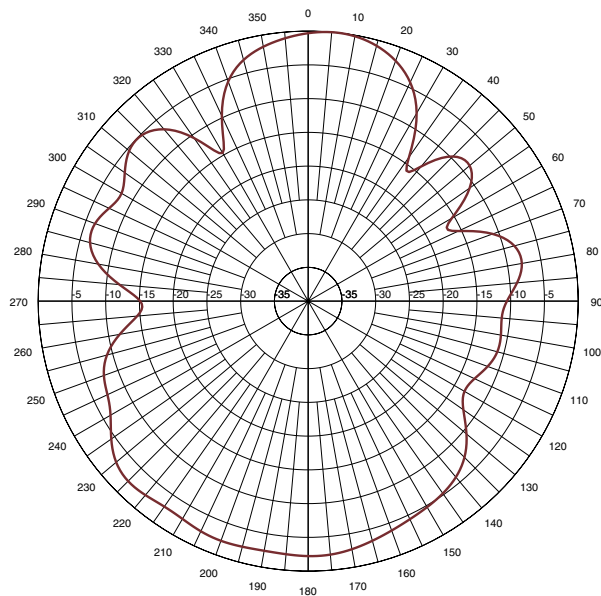
Elevation Pattern at 2500 MHz



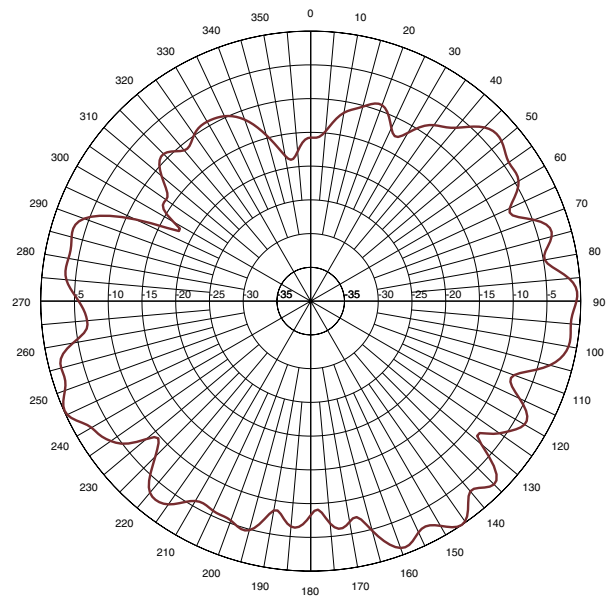
Elevation Pattern at 2700 MHz



Azimuth Pattern at 2500 MHz

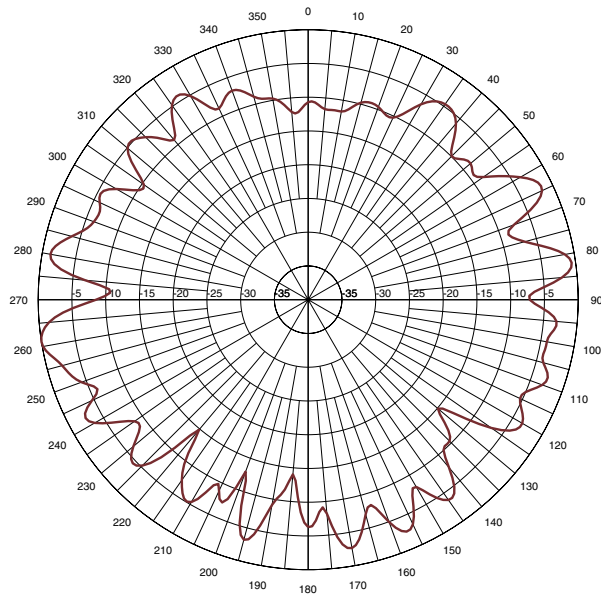


Azimuth Pattern at 2700 MHz

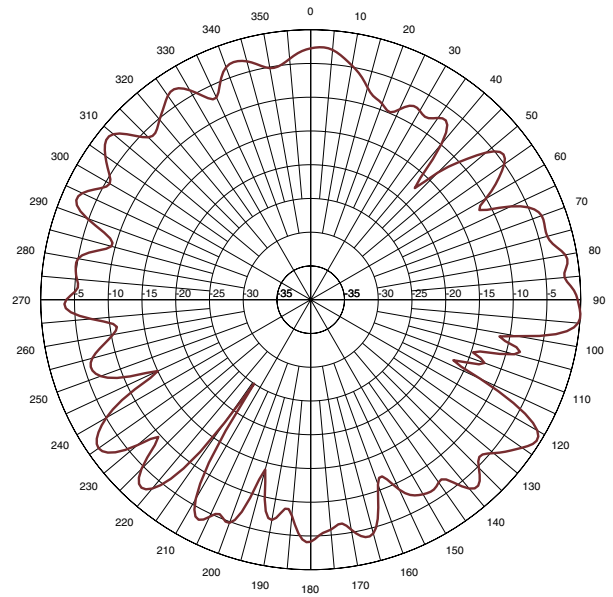


Radiation Patterns

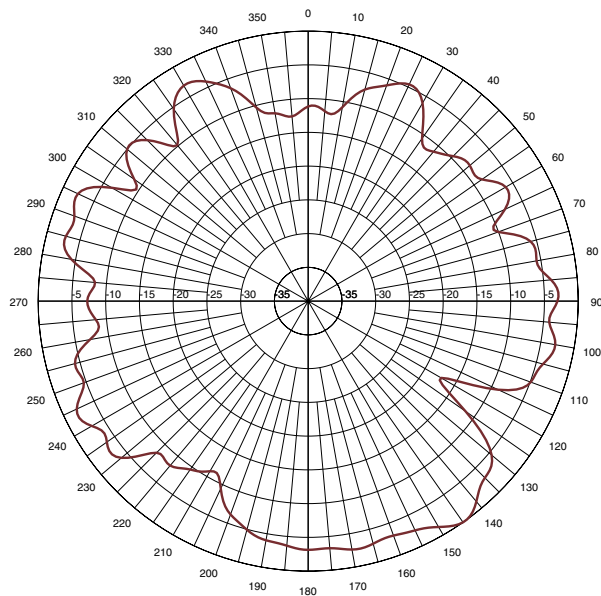
Elevation Pattern at 5250 MHz



Elevation Pattern at 5800 MHz



Azimuth Pattern at 5250 MHz



Azimuth Pattern at 5800 MHz

