



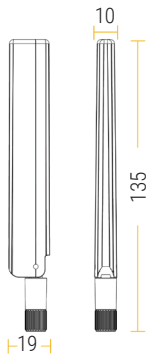
Cel-Fi™ HP Whip Antenna

Smart Cellular Coverage

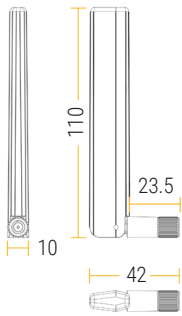


Model Number:

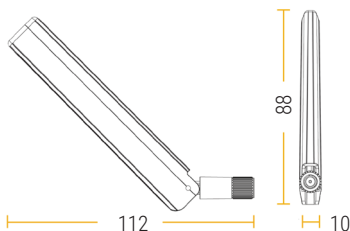
A21-100-100



Straight Position



Right Angle Position



45° Angle Position

FEATURES

- Cellular / LTE
- 698–960 MHz
- 1710–2700 MHz
- 3G / 4G / LTE
- 1.5 - 2.9 dBi gain
- Indoor / Outdoor
- SMA-Male connector
- Hinged connector
- 135×19×10 mm
- White

BENEFITS

- High Performance
- Ultra Wide Band
- Ground Plane Independent

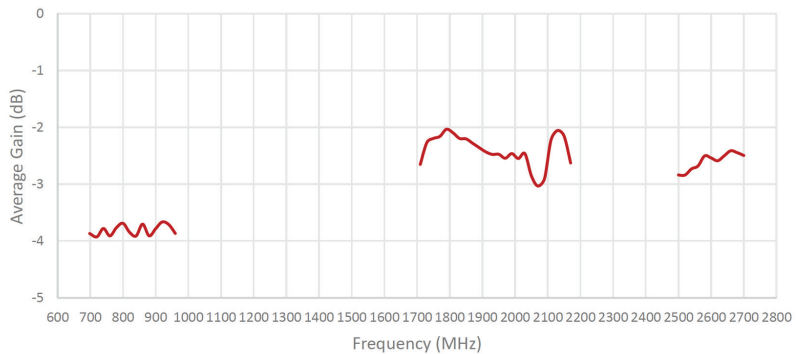
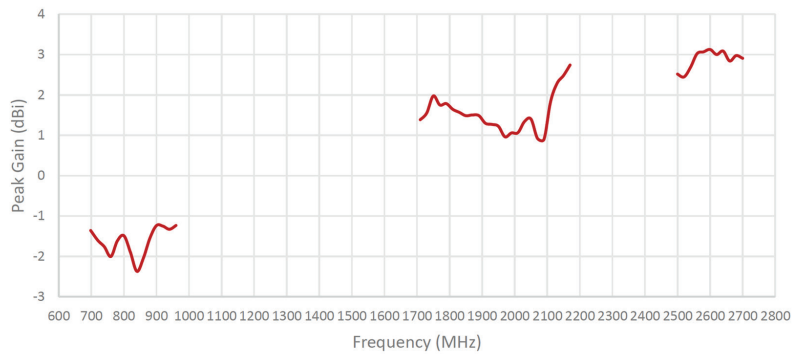
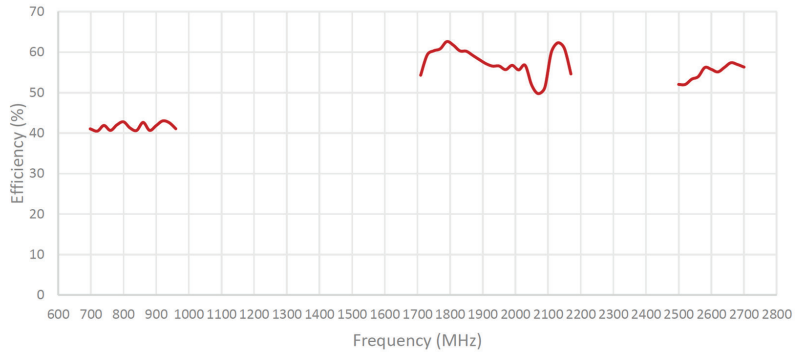
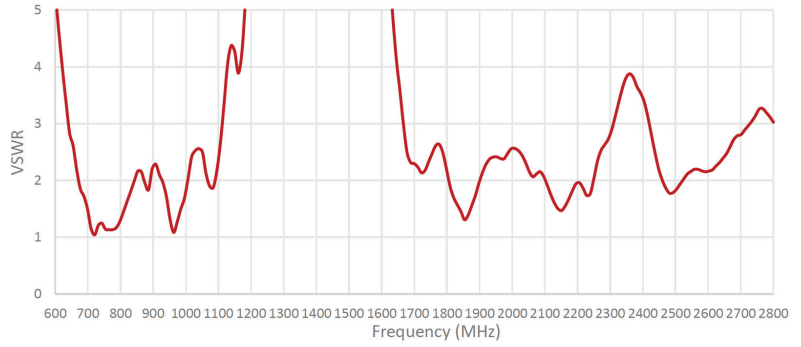
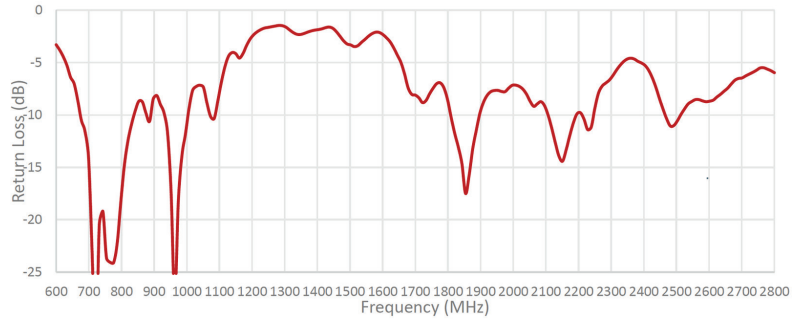
ANTENNA AND ELECTRICAL SPECIFICATIONS

Parameters	2G, 3G and 4G		
Standards	2G, 3G and 4G		
Technologies	Cellular		
Band (MHz)	700/850/900	1700/1800/1900/2100	2600
Frequency (MHz)	698–960	1710–2170	2500–2700
Return Loss (dB)	~ -16.0	~ -9.8	~ -8.3
VSWR	~ 1.6:1	~ 2.1:1	~ 2.3:1
Efficiency (%)	~ 41.6	~ 57.6	~ 55
Peak Gain (dBi)	~ -1.6	~ 1.5	~ 2.9
Average Gain (dB)	~ -3.8	~ -2.4	~ -2.6
Impedance	50 Ohm		
Polarisation	Linear		
Radiation Pattern	Omni-Directional		
Max. Input Power	25W		
Connector Type	SMA-Male		

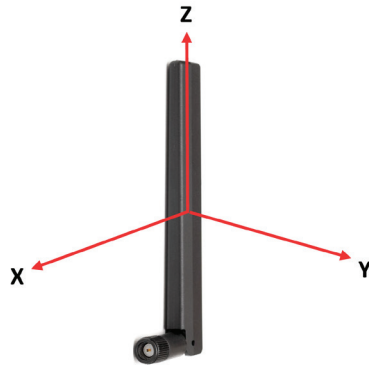
MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Specifications	
Mounting Type	Connector Mount
Dimensions	135×19×10 mm
Radome	PC/ABS UV Stable
Radome color	White
Connector Feature	Hinged
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Substance Compliance	RoHS

ANTENNA PARAMETERS



ANTENNA PATTERNS



Radial pattern reference

