

MC0114526-5G

Broad band antenna

2G/3G/4G/5G Bracket mount broad band antenna

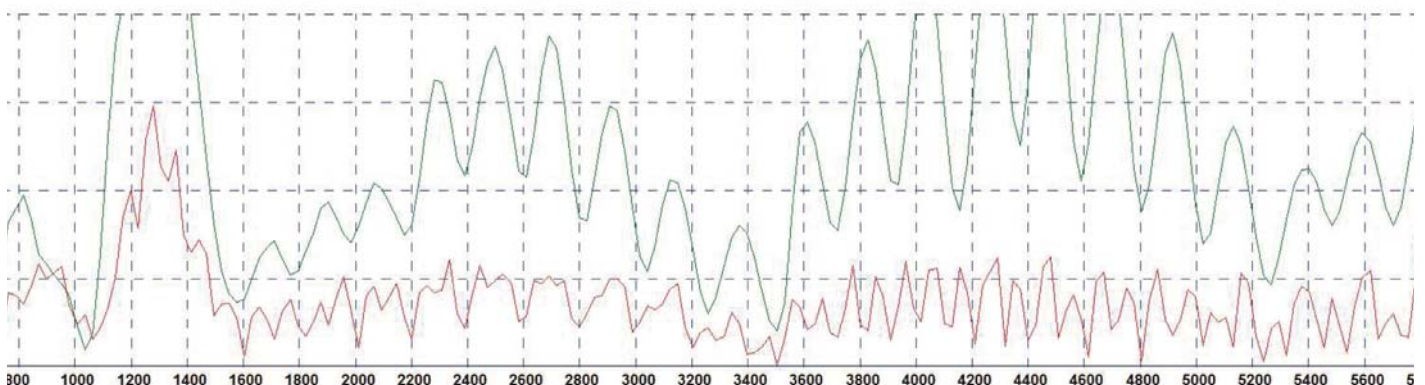
GSM/ISM/UMTS/LTE/5G/WLAN

Specifications



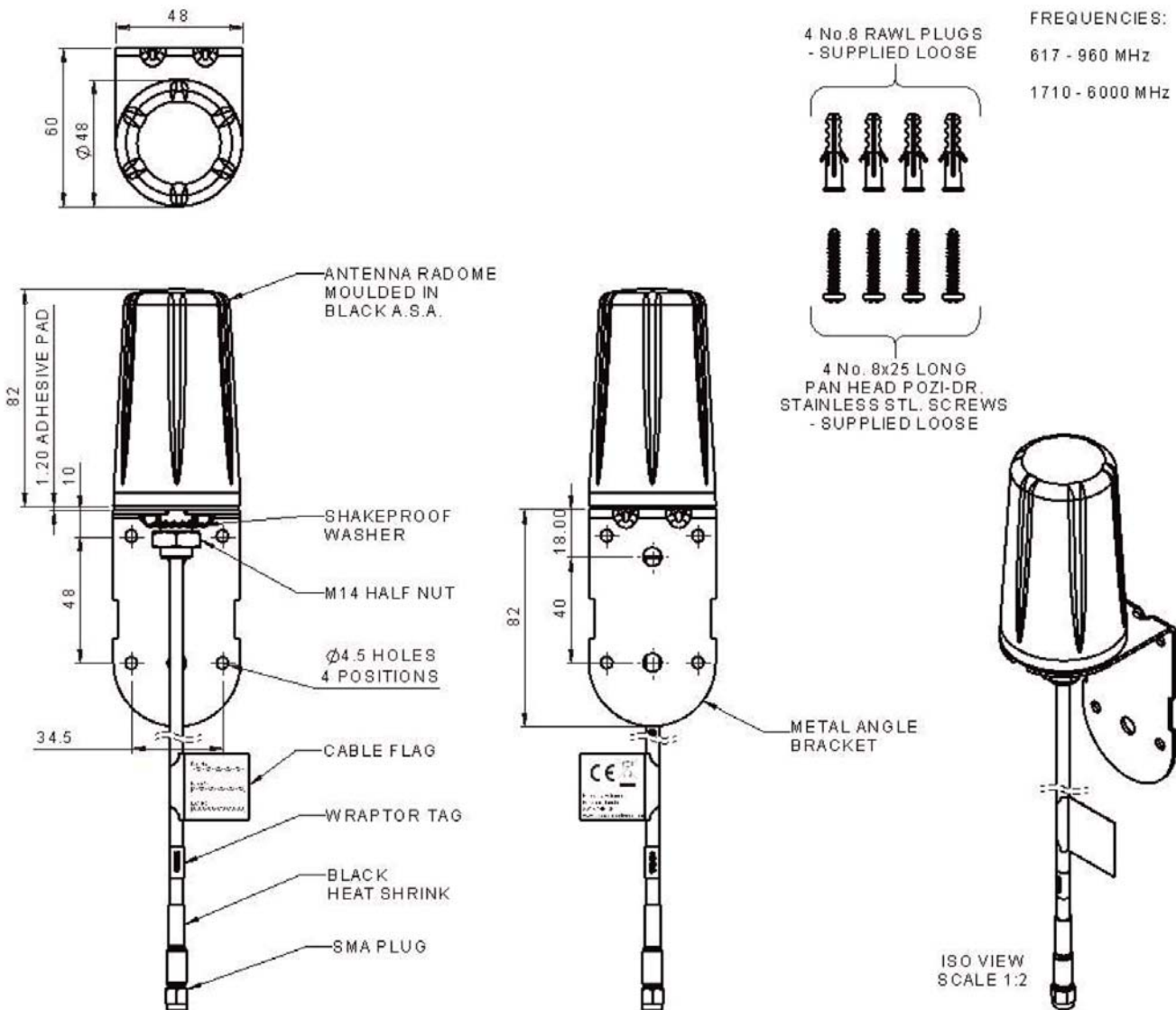
Frequency Range	617 - 960 MHz	
	1710-6000 MHz	
Operational Band	2G/3G/4G/5G	
VSWR	< 2.5:1	
Gain	698-960 MHz	2dBi
	1710-2700 MHz	3.5dBi
	3400-3800 MHz	5dBi
	4900-6000 MHz	7dBi
Impedance	50 Ohm	
Polarisation	Vertical	
Pattern	Omini-directional	
Max Input Power	50 Watt	
Dimensions	High 164 mm, Diameter 48mm	
Operating Temperature	-40°C to +85°C	
Material	ASA, aluminium, zinc plated steel	
Colour	Black & Natural	
Ingress Protection	IP66	
Fixing	Wall or Mast mount	
Mounting Screw diameter	4mm	
Cable	5m CS29	
Connector	SMA (male)	

Typical VSWR*



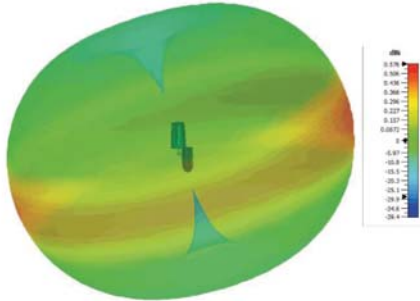
Plot =VSWR measured on supplied bracket with 5m (16') of CS29 cable. Green Plot = VSWR measured on supplied bracket with 0.5m (1.5') of CS29 cable.

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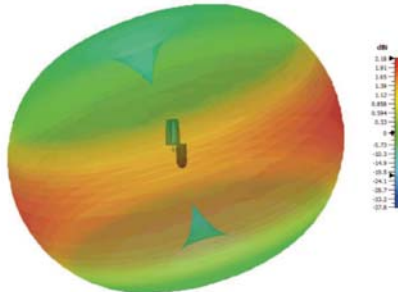


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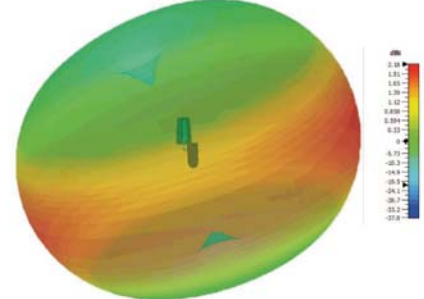
3D Plot (600 MHz)



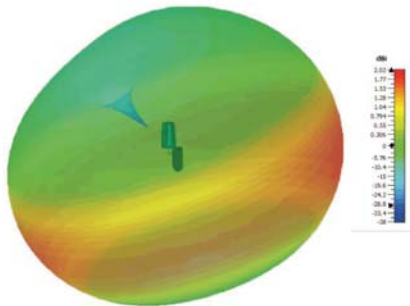
3D Plot (700MHz)



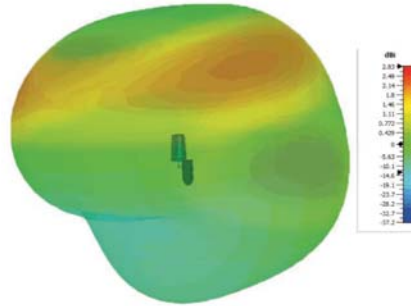
3D Plot (800MHz)



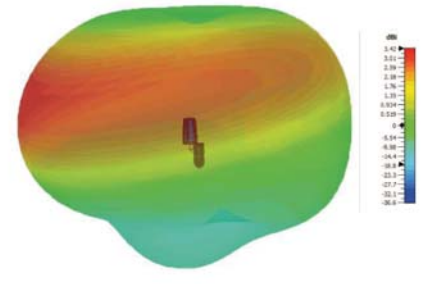
3D Plot (900MHz)



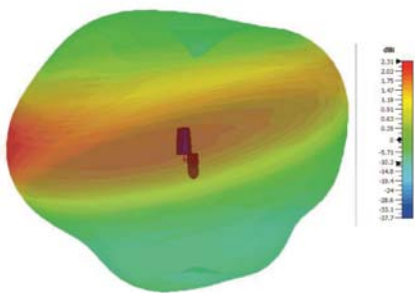
3D Plot (1800MHz)



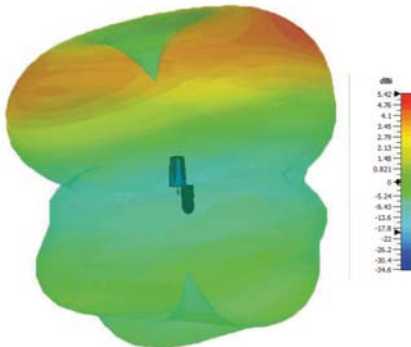
3D Plot (2100MHz)



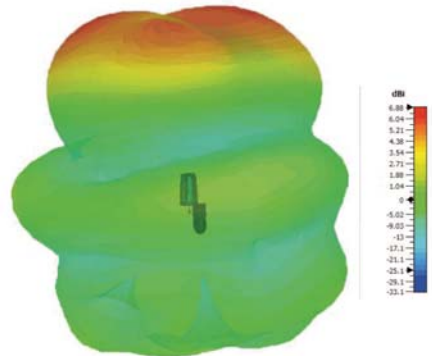
3D Plot (2600 MHz)



E Plane Plot (3600MHz)



H Plane Plot (5400MHz)



All measurements simulated in CST Microwave Studio without cable