

Water-resistant 2.4&5.8G Dipole Antenna

FEATURES



- Adhesive Mount
- Ground Plane Independent
- 2.75 dBi Peak Gain@2.4G
- 2.11 dBi Peak Gain@5.8G
- Low Profile
- Customizable Cable and Connector



With overall dimensions of only 127.25*22.0*9.0mm, high-quality adhesive tape and PC/ABS UV stable housing, the M02-0200070R0A can be installed on any glass or ABS surfaces found in the most extreme outdoor environments without any risk of failure.

This antenna provides omnidirectional performance independent of the ground plane in the 2.4/5.8G frequency band, making it a universal solution for any application. Efficient component design ensures high first connection rates and continuous, robust communication links, even in problematic coverage areas.

PRODUCTS

Part No.	Weight	Dimensions (L x W x H)/Line length	Connector	Color
M02-0200070R0A	42g	127.25*22.0*9.0mm/1500mm	FAKRA type C female head	Black

SPECIFICATIONS

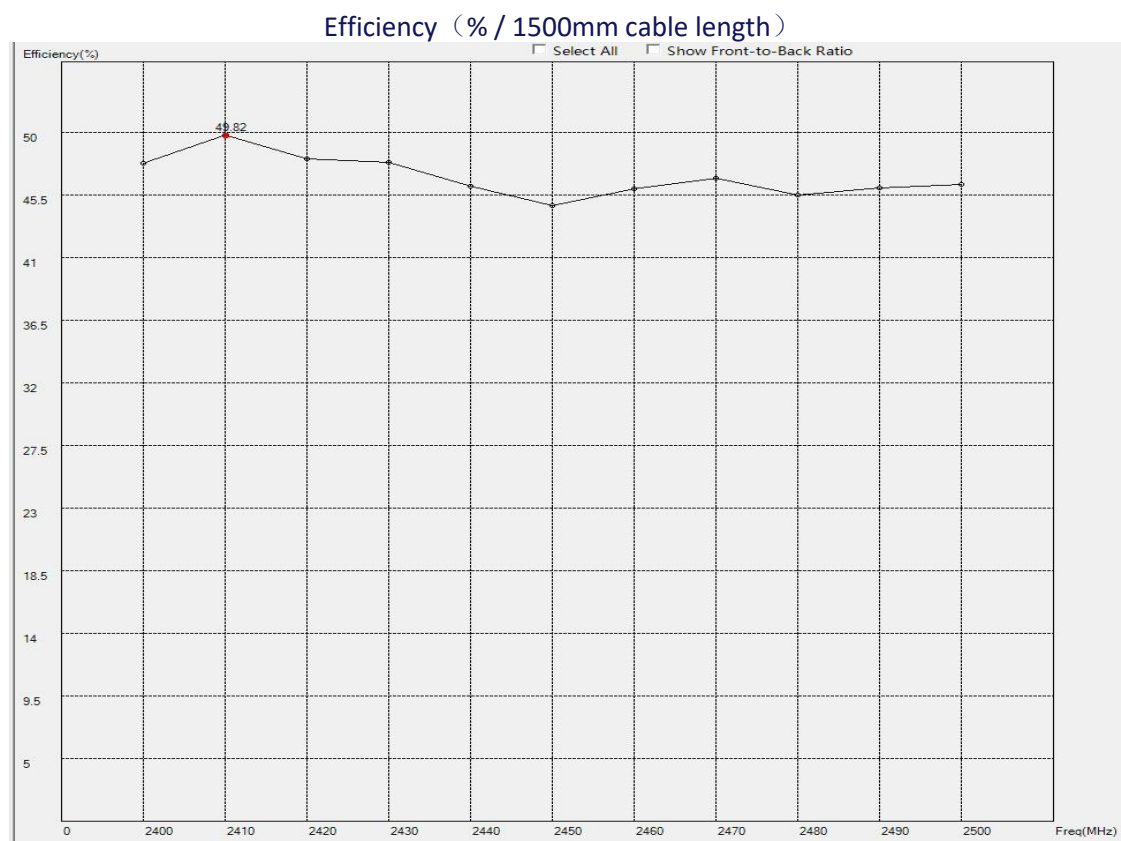
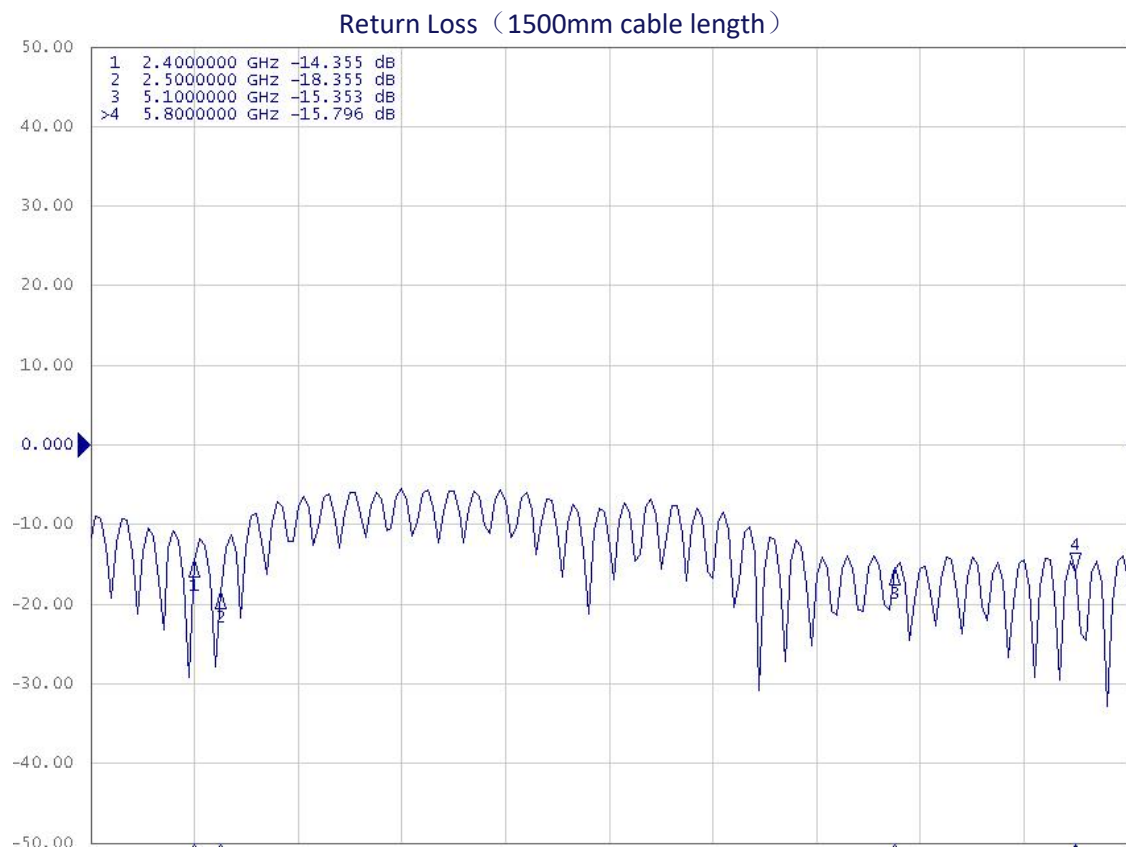
PARAMETER	SPECIFICATION	
Frequency Bands, MHz	2400-2500	5100-5800
VSWR (Max)	3.0:1	3.0:1
Peak Gain, dBi (Typ)	Up to 2.75	
Nominal Impedance	50 Ω	
Max Power (ambient temp of 25°C)	10 Watts	
Azimuth Beam Width (deg)	Omnidirectional	
Polarization	Linear	
Radome	PC+ABS+UV, Black	
Storage Temperature Range (°C)	-40° C to +85° C	
Operational Temperature Range (°C)	-30° C to +80° C	
Material Substance Compliance	REACH/RoHS Compliant	
HSCODE	8517707090	
USHSCODE	8517620010	
UPC		

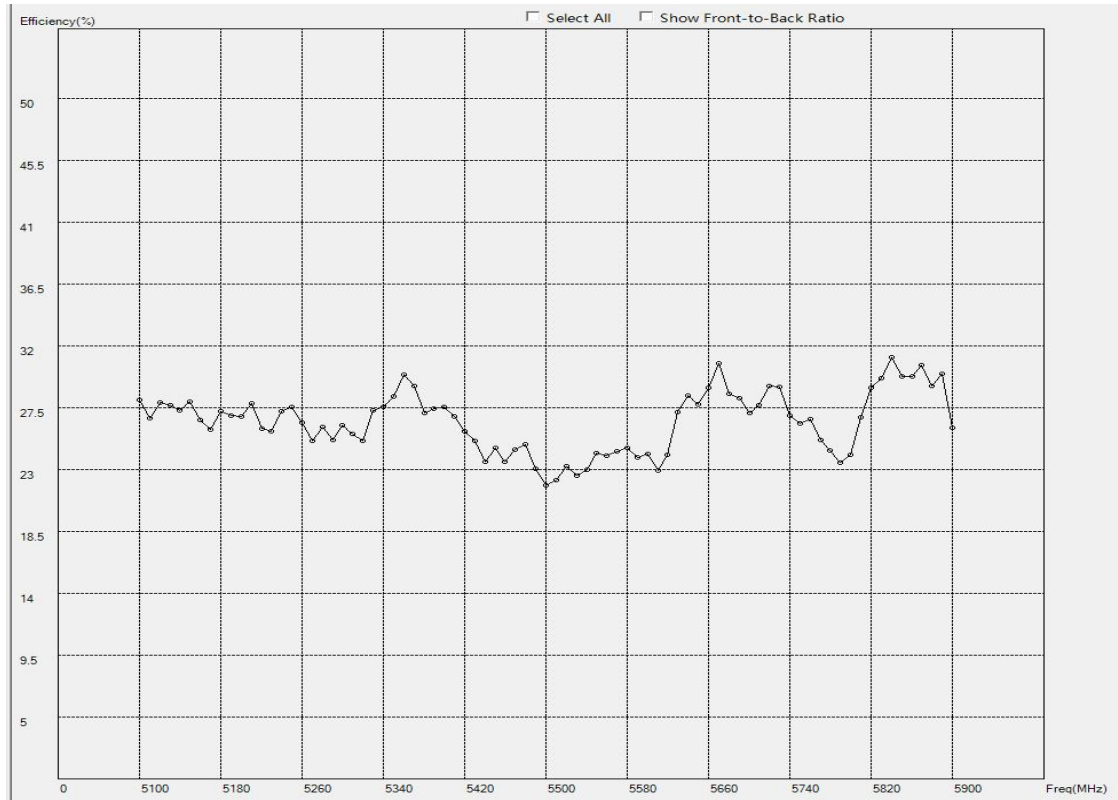
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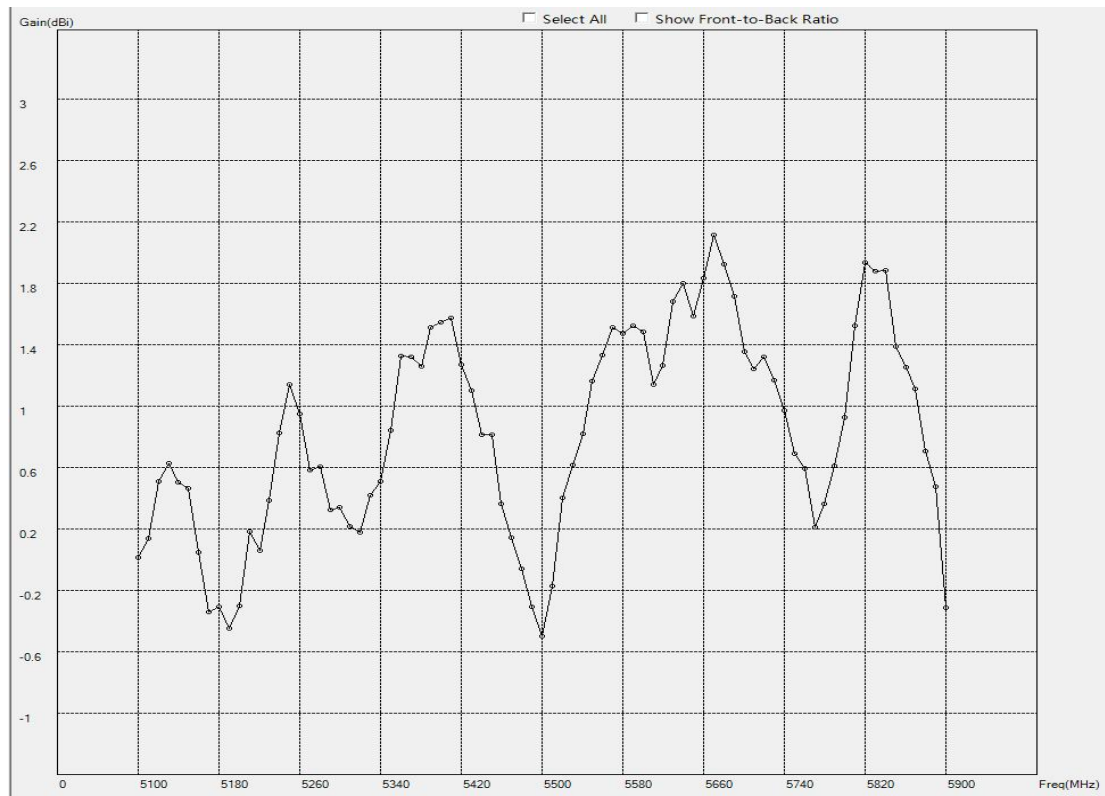
ELECTRICAL DATA





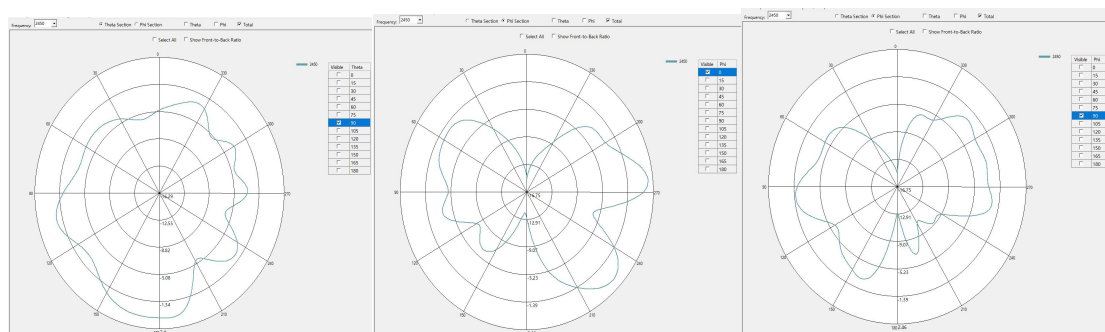
Peak Gain (dBi / 1500mm cable length)



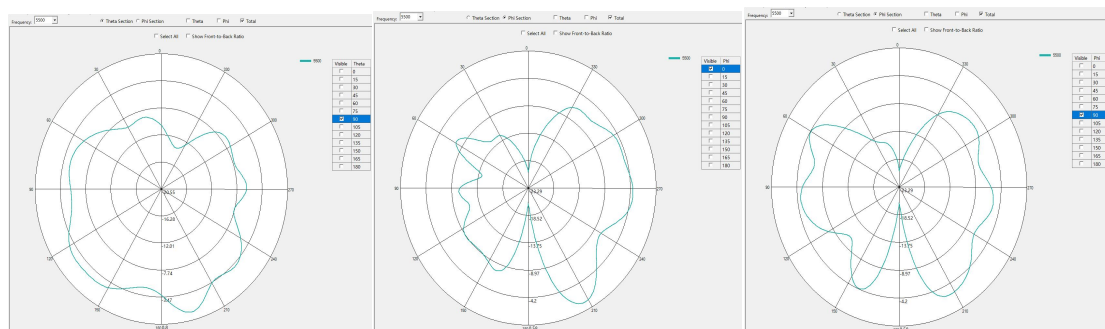


RADIATION PATTERNS

2D Radiation Pattern at 2450MHz



2D Radiation Pattern at 5500MHz



HOUSING CONFIGURATIONS

