

2.4GHz Mini-Stubby Antenna

Features

- 1/4 Wave Monopole Antenna
- 21mm long
- Rugged Flexible Plastic Finish.
- VSWR ≤ 2.0
- Omni-Directional Design
- 50ohm Impedance
- SMA-Plug Fixing
- Nominal Gain 0dBi
- Available as Straight or R/A
- Omni-Directional Design
- Operating Temp -20 to $+60^{\circ}\text{C}$
- Insulation resistance 500M Ω @500Vdc



Applications

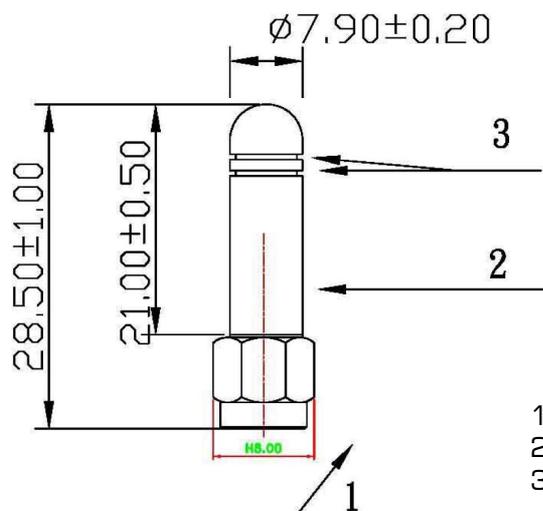
- WiFi Applications
- General Low Power Radio
- M2M Applications

Ordering Information

PART No	Description
ANT-24G-S21-SMA	Stubby Antenna straight SMA
ANT-24G-S21-SMAR	Stubby Antenna R/A SMA
ANT-24G-S21-SMR	Stubby Antenna straight SMA Reverse Polarity
ANT-24G-S21-SMRR	Stubby Antenna R/A SMA Reverse Polarity

ANT-24G-S21-1

ANT-24G-S21-SMA 'Straight' Mechanical Data

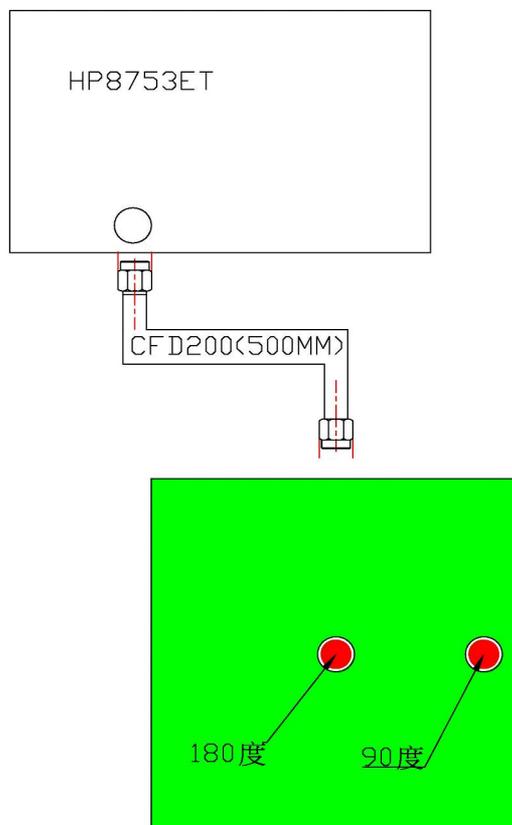


- 1. SMA Connector : Gold Plated Brass
- 2. Antenna Cover: Black TPU
- 3. Identification Stripes

Test Setup for Measurements

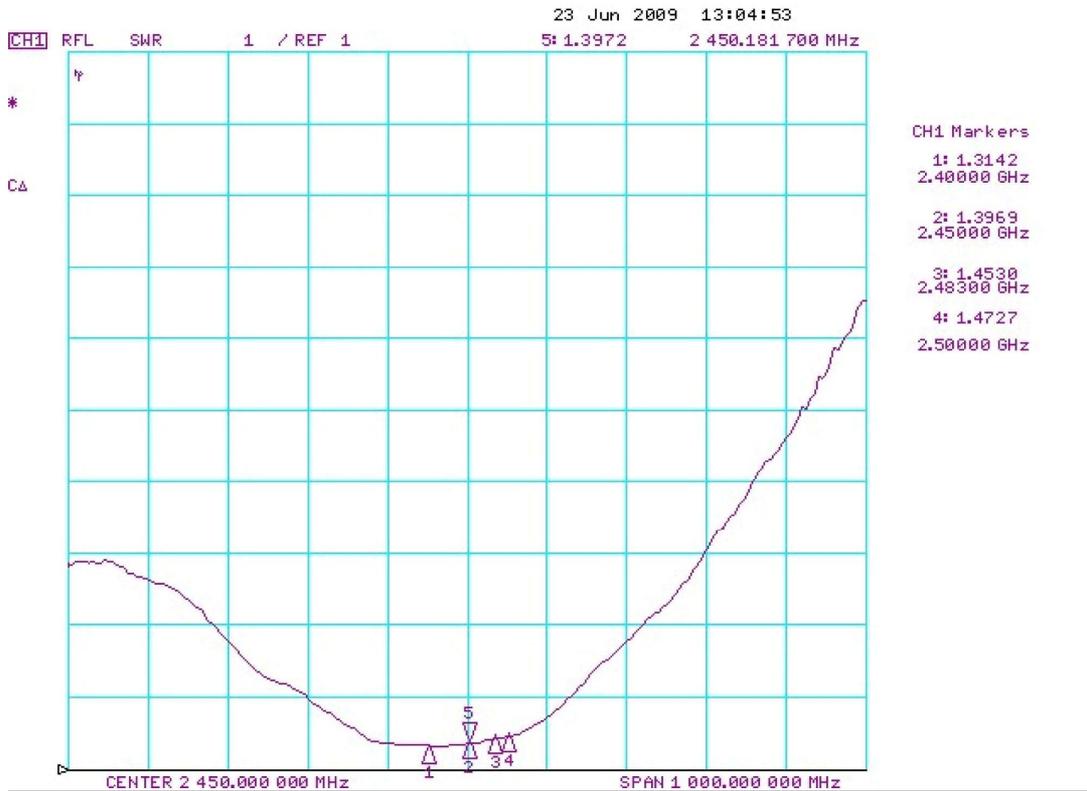
Characteristics for this antenna were taken with the following conditions:

- 1. Antenna mounted on a ground plane 100x100mm.
- 2. Measurement Equipment: HP 8753ET 300KHZ~6 GHZ
- 3. Cable: CFD200, 500mm, SMA(M) to SMA(M)

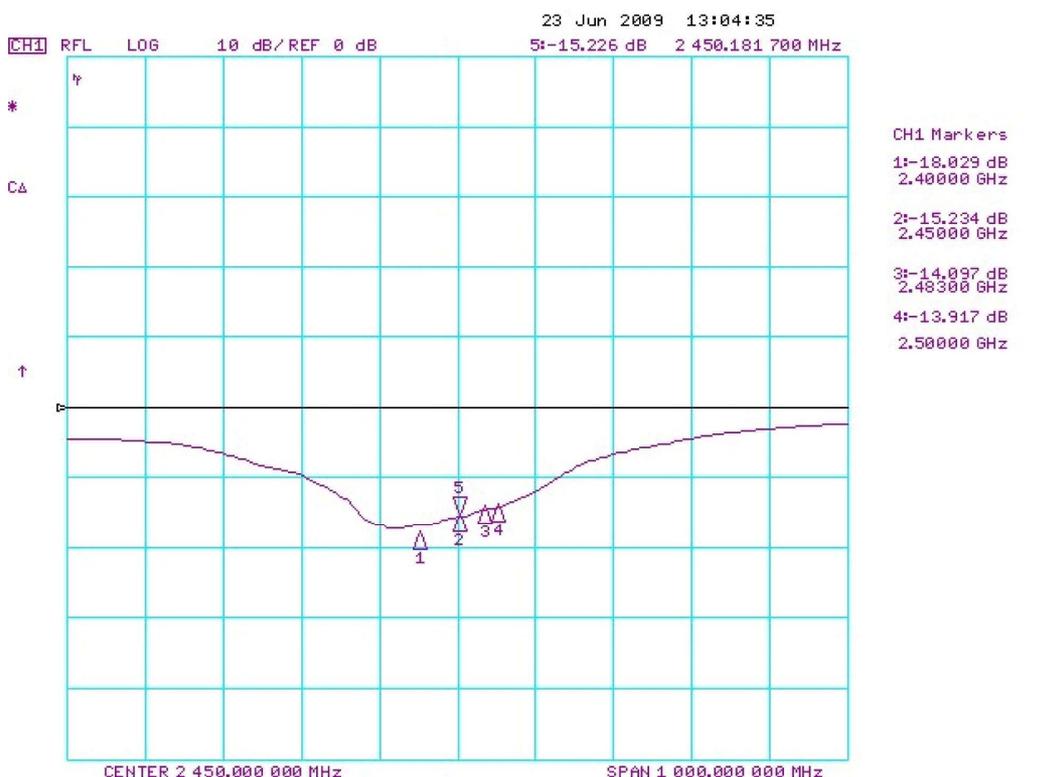


DS-24GS21-1

VSWR

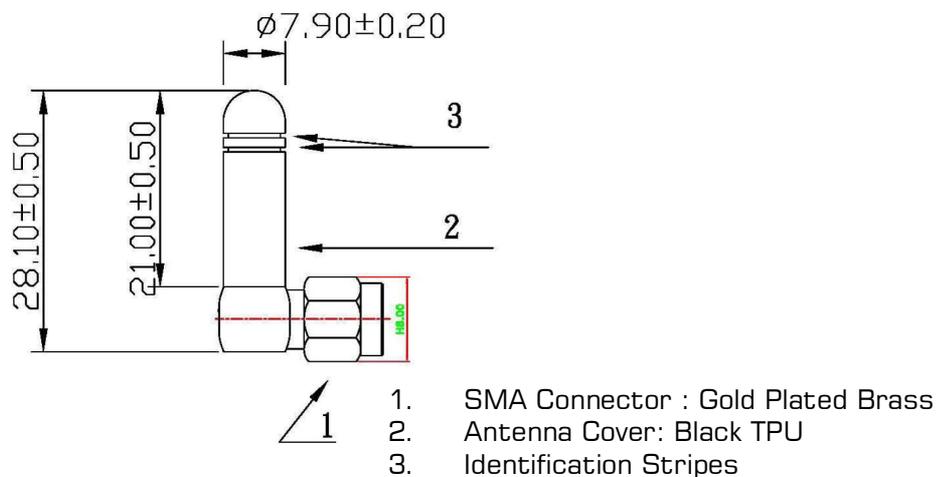


Return Loss



DS-24GS21-1

ANT-24G-S21-SMAR 'Right Angled' Mechanical



Test Setup for Measurements

Characteristics for this antenna were taken with the following conditions:

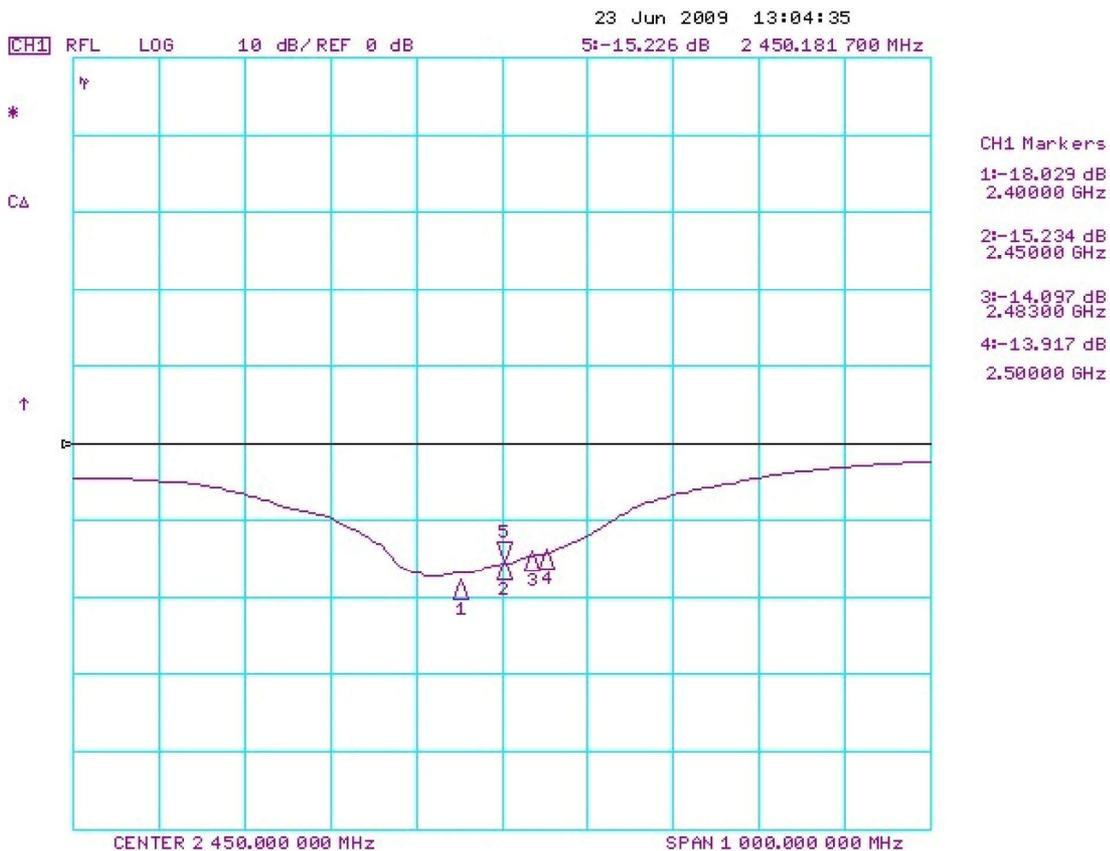
1. Antenna mounted on a ground plane 100x100mm.
2. Measurement Equipment: HP 8753ET 300KHZ~6 GHZ
3. Cable: CFD200, 500mm, SMA(M) to SMA(M)



VSWR

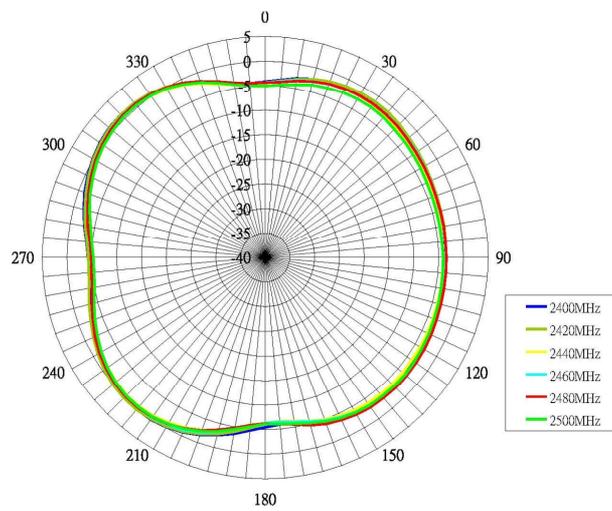


Return Loss

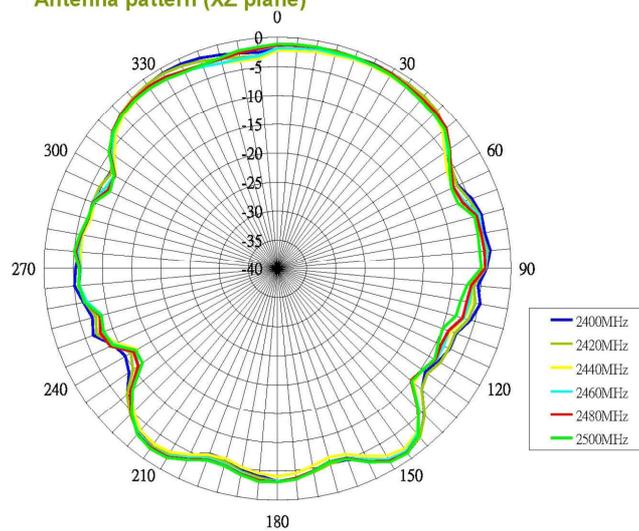


Antenna Pattern

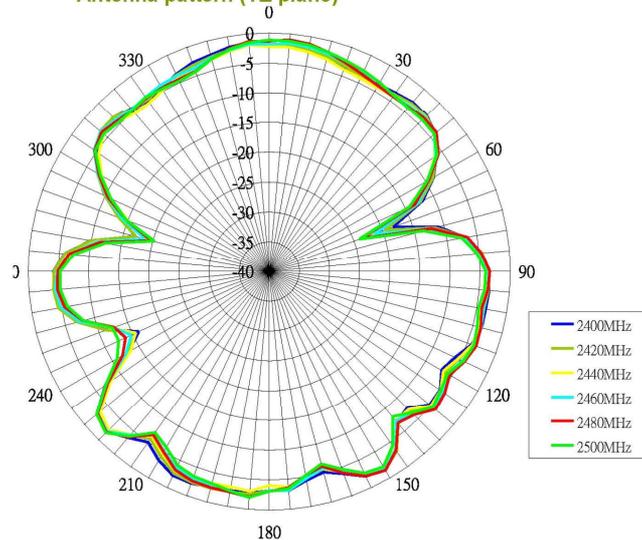
Antenna pattern (XY plane)



Antenna pattern (XZ plane)



Antenna pattern (YZ plane)



ANT-24G-S21



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