



台灣安潔電子股份有限公司

Taiwan Anjie Electronics Co., Ltd

APPROVAL SHEET

Customer:

Customer Model No.:

Part No.: AJDQ1J-B0033

Product Description: Antenna Internal Dual Band MHF(I)
1.13/37mm (Black)

Issue Date: 2020/06/23

REV.: A

Customer Approved	Anjie Approved

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1. Specification

- . Product Number: AJDQ1J-B0033
- . Version : 1.0

Electrical Characteristics

- . Frequency (MHz) : 2400-2500 / 5150-5850
- . S.W.R. : ≤ 2.0 @ 2400-2500 MHz
 ≤ 2.0 @ 5150-5850 MHz
- . Return Loss : >10 dB @ 2400-2500 / 5150-5850 MHz
- . Peak Gain : 2 dBi @ 2400-2500 MHz
4dBi @ 5150-5850 MHz
- . Impedance : 50 ohm
- . Polarization : Linear

Mechanical Characteristics

- . Cable : RF-1.13 Black
- . Connector : MHF(I)
- . Connector Pull Force : > 1.0 Kg
- . PCB Color : Black
- . Material : RoHS Compatible / RoHS 2011/65/EU with IEC 62321:2008

Environmental Condition

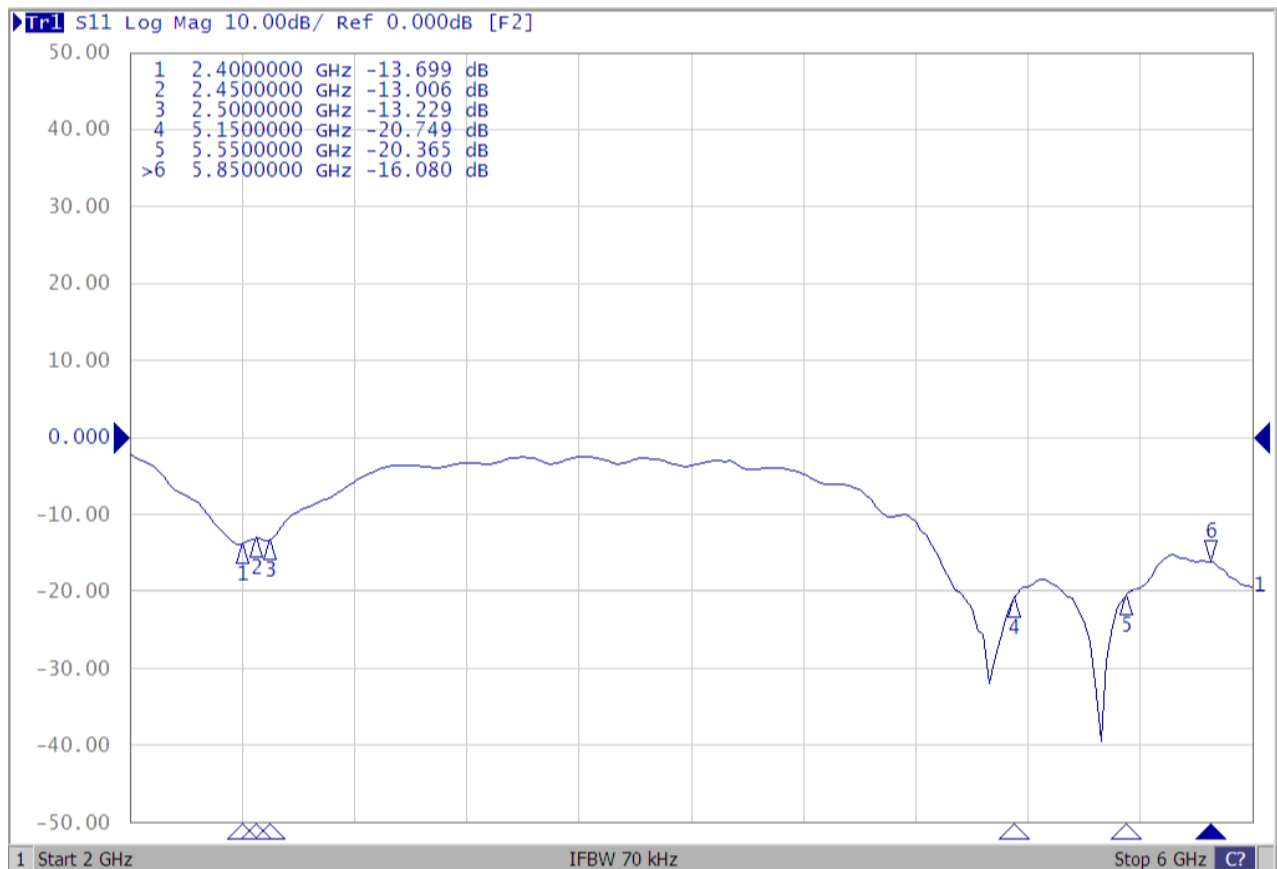
- . Operation Temperature : $-30 \sim +65$ °C
- . Storage Temperature : $-30 \sim +85$ °C



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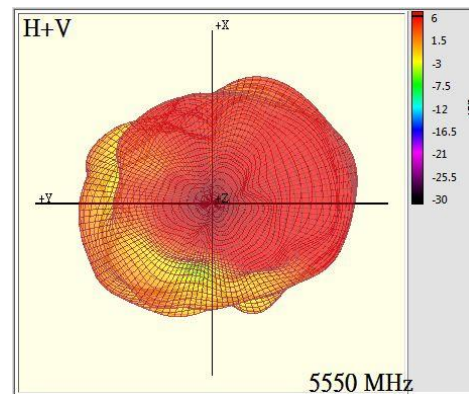
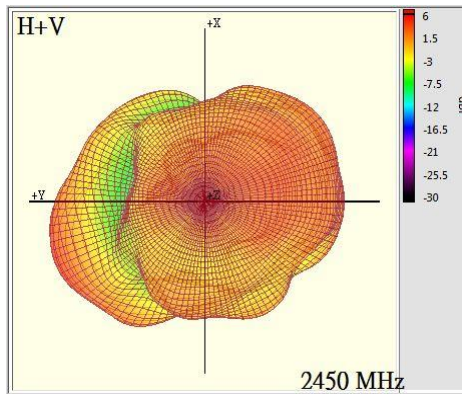
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2.SWR / Return Loss Test Data

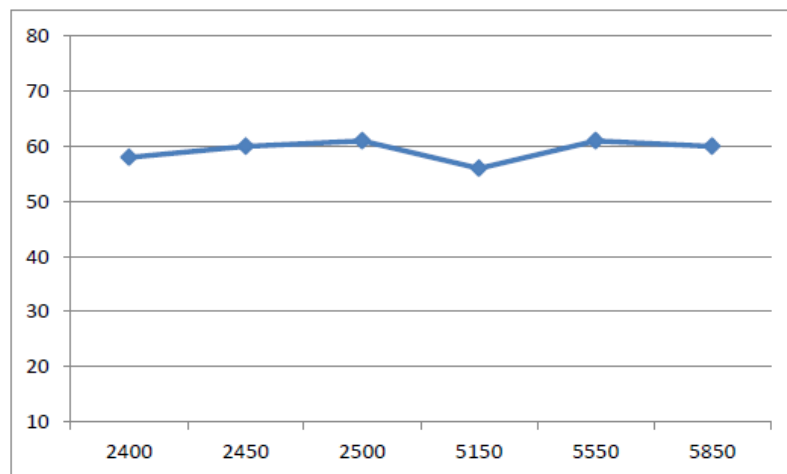




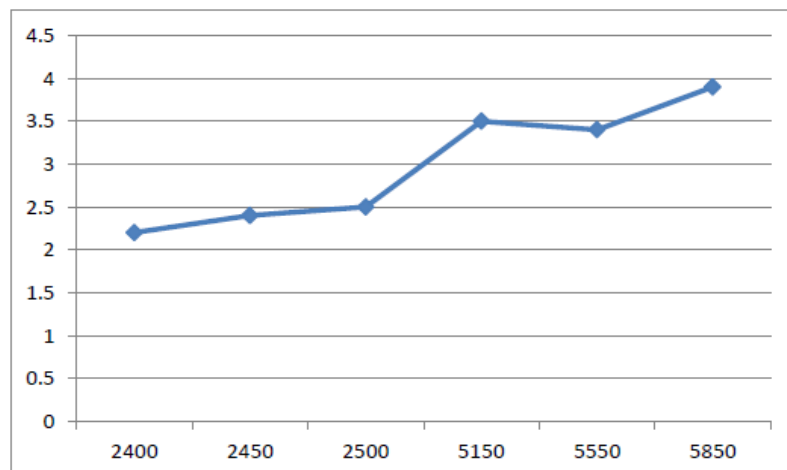
3. Gain / Efficiency Test Data



MHz	Eff (%)
2400	58
2450	60
2500	61
5150	56
5550	61
5850	60



MHz	Gain (dBi)
2400	2.2
2450	2.4
2500	2.5
5150	3.5
5550	3.4
5850	3.9





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4. Drawing Layout

