

Approval Sheet

Customer :

Project Name :

Customer P/N :

Anjie P/N : AEDQ4S-B0003

Product Description : RF Antenna

Issue Date : 2020 / 10 / 16

Reversion : A

Customer Approved	Anjie Approved

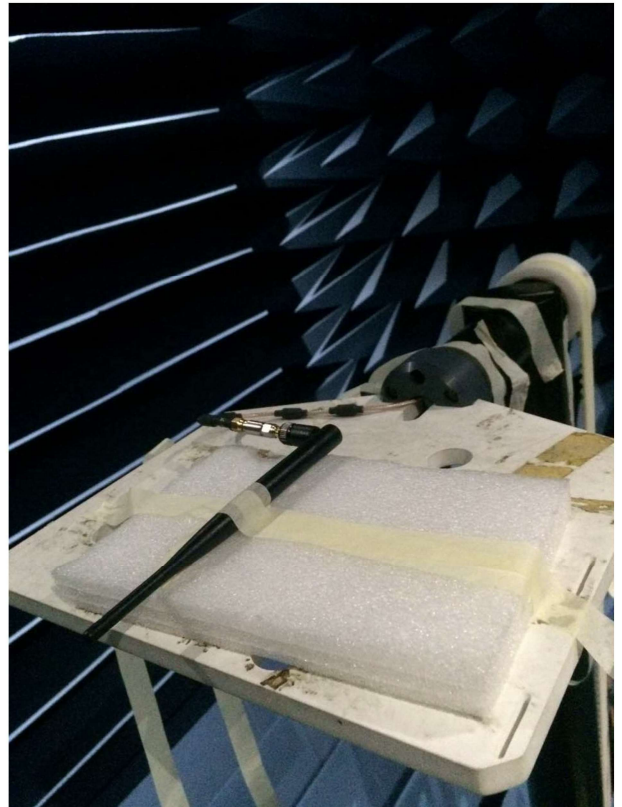
Taiwan Anjie Electronics Co.,Ltd
Address : 1F, No.236,Sec 3, Huan-Bei Rd., Ju-Bei City
Hsin-Chu Country, 30265, Taiwan
Tel : +886-3-5543399 Fax : +886-3-5533062

台灣安潔電子股份有限公司
地址：新竹縣竹北市環北路三段236號1樓
電話：+886-3-5543399 傳真：+886-3-5543062
Website: www.anjietw.com

Content

1. Product Configuration
2. Specification
3. SWR / Return Loss Test Data
4. Gain / Efficiency Test Data
5. Drawing Layout

1. Product Configuration



2. Specification

Electrical Characteristics

- . Frequency (MHz) : 2400-2500 & 5150- 5850 MHz
- . S.W.R. : ≤ 2.0 @ 2400-2500 MHz
 ≤ 2.5 @ 5150-5850 MHz
- . Return Loss : < -10 dBi @ 2400-2500 MHz
 < -10 dBi @ 5150-5850 MHz
- . Peak Gain : 5 dBi @ 2400-2500 MHz
5.3 dBi @ 5150-5850 MHz
- . Impedance : 50 ohm
- . Polarization : Linear

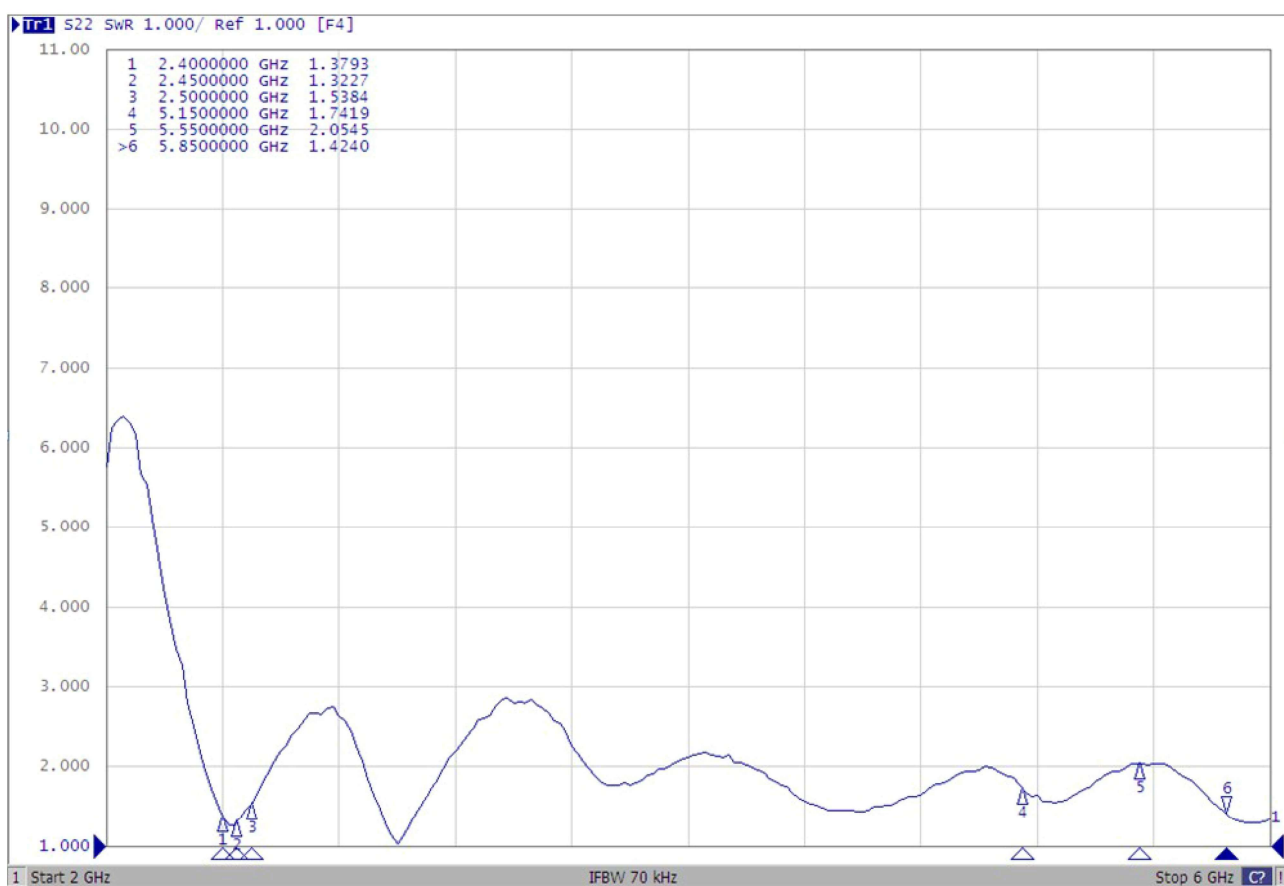
Mechanical Characteristics

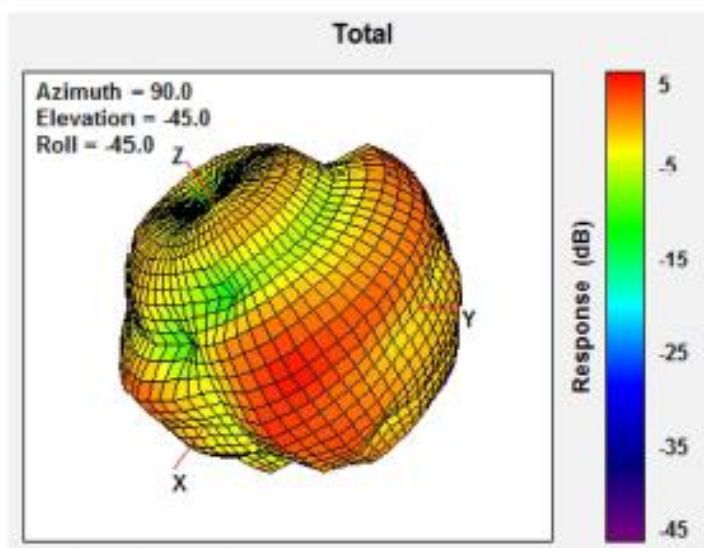
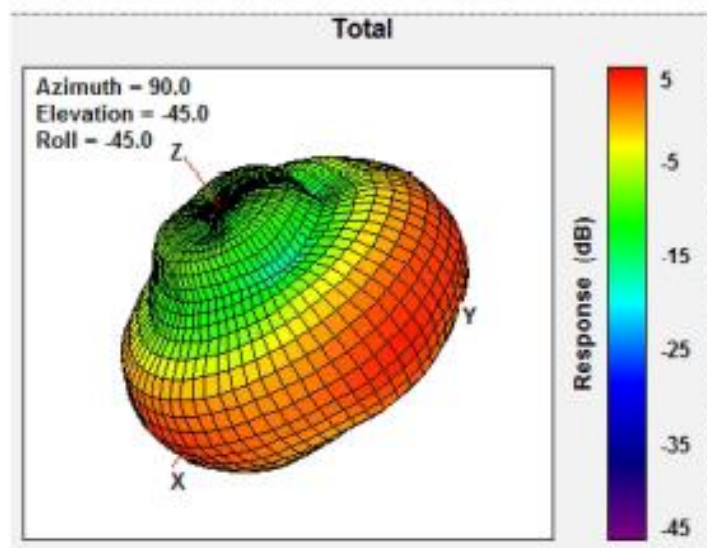
- . Cable : RG-178
- . Connector : SMA Male Reverse
- . Connector Pull Force : > 3.0 Kg
- . Cover Material : ABS
- . Color : Black
- . Material : RoHS Compatible /
RoHS 2011/65/EU with IEC 62321:2008 Method

Environmental Condition

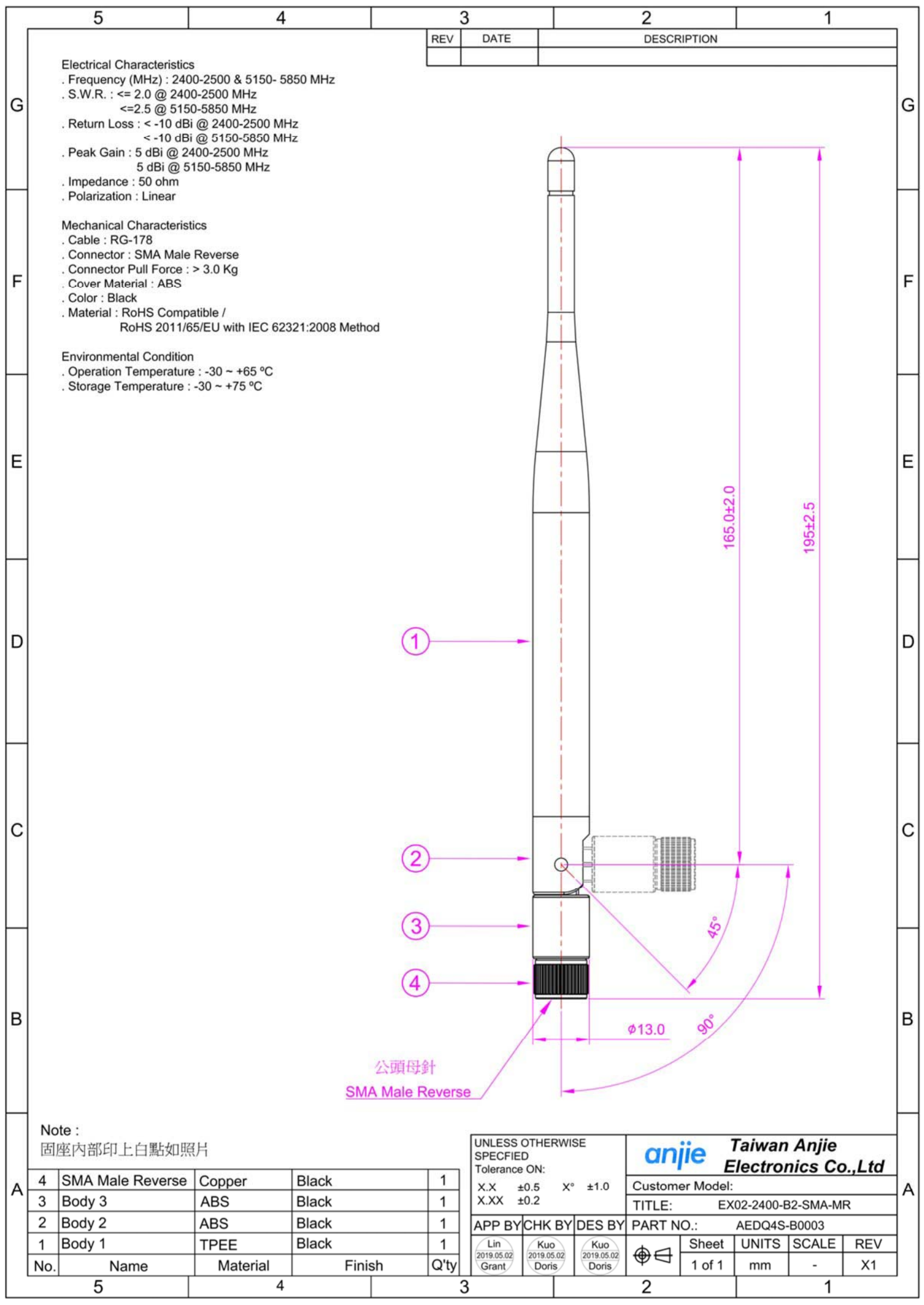
- . Operation Temperature : $-30 \sim +65$ °C
- . Storage Temperature : $-30 \sim +75$ °C

3. SWR / Return Loss Test Data





	Peak Gain
2.4GHz	5 dBi
5GHz –Band1(5150-5240)	5.1dBi
5GHz –Band2(5260-5320)	5.1 dBi
5GHz –Band3(5500-5700)	5.3 dBi
5GHz –Band4(5850)	5.3dBi



Electrical Characteristics
· Frequency (MHz) : 2400-2500 & 5150- 5850 MHz
· S.W.R. : <= 2.0 @ 2400-2500 MHz
 <=2.5 @ 5150-5850 MHz
· Return Loss : < -10 dBi @ 2400-2500 MHz
 < -10 dBi @ 5150-5850 MHz
· Peak Gain : 5 dBi @ 2400-2500 MHz
 5 dBi @ 5150-5850 MHz
· Impedance : 50 ohm
· Polarization : Linear

Mechanical Characteristics
· Cable : RG-178
· Connector : SMA Male Reverse
· Connector Pull Force : > 3.0 Kg
· Cover Material : ABS
· Color : Black
· Material : RoHS Compatible /
 RoHS 2011/65/EU with IEC 62321:2008 Method

Environmental Condition
· Operation Temperature : -30 ~ +65 °C
· Storage Temperature : -30 ~ +75 °C

REV	DATE	DESCRIPTION

Note :
固座內部印上白點如照片

4	SMA Male Reverse	Copper	Black	1
3	Body 3	ABS	Black	1
2	Body 2	ABS	Black	1
1	Body 1	TPEE	Black	1
No.	Name	Material	Finish	Q'ty

UNLESS OTHERWISE SPECIFIED Tolerance ON: X.X ±0.5 X° ±1.0 X.XX ±0.2			
APP BY Lin 2019.05.02 Grant	CHK BY Kuo 2019.05.02 Doris	DES BY Kuo 2019.05.02 Doris	

anjie Taiwan Anjie Electronics Co.,Ltd			
Customer Model:			
TITLE: EX02-2400-B2-SMA-MR			
PART NO.: AEDQ4S-B0003			
Sheet 1 of 1	UNITS mm	SCALE -	REV X1