

Approval Sheet

Customer : 美商定誼
Project Name : DT556LA
Customer P/N : 27-556-720060
P/N : AJ6F1J-B0455
Product Description : Wifi Main Antenna Low Loss
RF1.13_455mm MHF-4 / Black
Issue Date : 2026 / 01 / 09
Reversion : A

Customer Approved	Anjie Approved

Taiwan Anjie Electronics Co.,Ltd
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Website: www.anjietw.com

Approval Sheet

Customer : 美商定誼
Project Name : DT556LA
Customer P/N : 27-556-720070
P/N : AJ6F1J-W0245
Product Description : Wifi Aux Antenna Low Loss
RF1.13_260mm MHF-4 / White
Issue Date : 2026 / 01 / 09
Reversion : A

Customer Approved	Anjie Approved

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Website: www.anjietw.com

1. Specification

- . Product Number: AJ6F1J-B0455
- . Version : 1.0
- . Model Name : DT556LA

Electrical Characteristics

- . Frequency (MHz) : 2400-2500MHz / 5150-7125MHz
- . S.W.R. : $\leq$ 2.0 / 2.5
- . Efficiency (dB): > -4 / -5
- . Peak Gain : 1.8 / 2.8 dBi
- . Impedance : 50 ohm
- . Polarization : Linear

Mechanical Characteristics

- . Material : PCB
- . Cable : Low Loss RF 1.13
- . Connector : MHF-4
- . Color : Black
- . Material : RoHS 2011/65/EU

with IEC 62321:2008 Method

Environmental Condition

- . Operation Temperature : -30 ~ +60 °C
- . Storage Temperature : -40 ~ +85 °C

1. Specification

- . Product Number: AJ6F1J-W0245
- . Version : 1.0
- . Model Name : DT556LA

Electrical Characteristics

- . Frequency (MHz) : 2400-2500MHz / 5150-7125MHz
- . S.W.R. : $\leq$ 2.0 / 2.5
- . Efficiency (dB): > -4 / -5
- . Peak Gain : 1.9 / 2.8 dBi
- . Impedance : 50 ohm
- . Polarization : Linear

Mechanical Characteristics

- . Material : PCB
- . Cable : Low Loss RF 1.13
- . Connector : MHF-4
- . Color : White
- . Material : RoHS 2011/65/EU

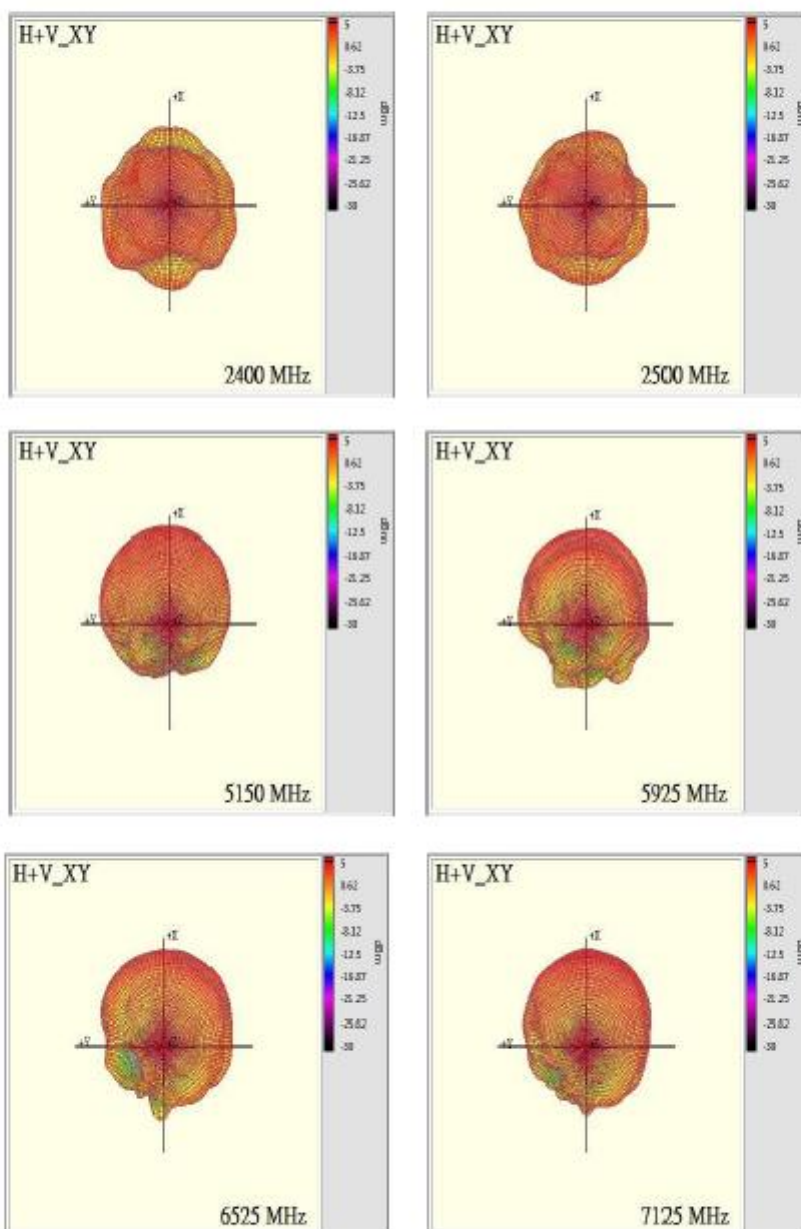
with IEC 62321:2008 Method

Environmental Condition

- . Operation Temperature : -30 ~ +60 °C
- . Storage Temperature : -40 ~ +85 °C

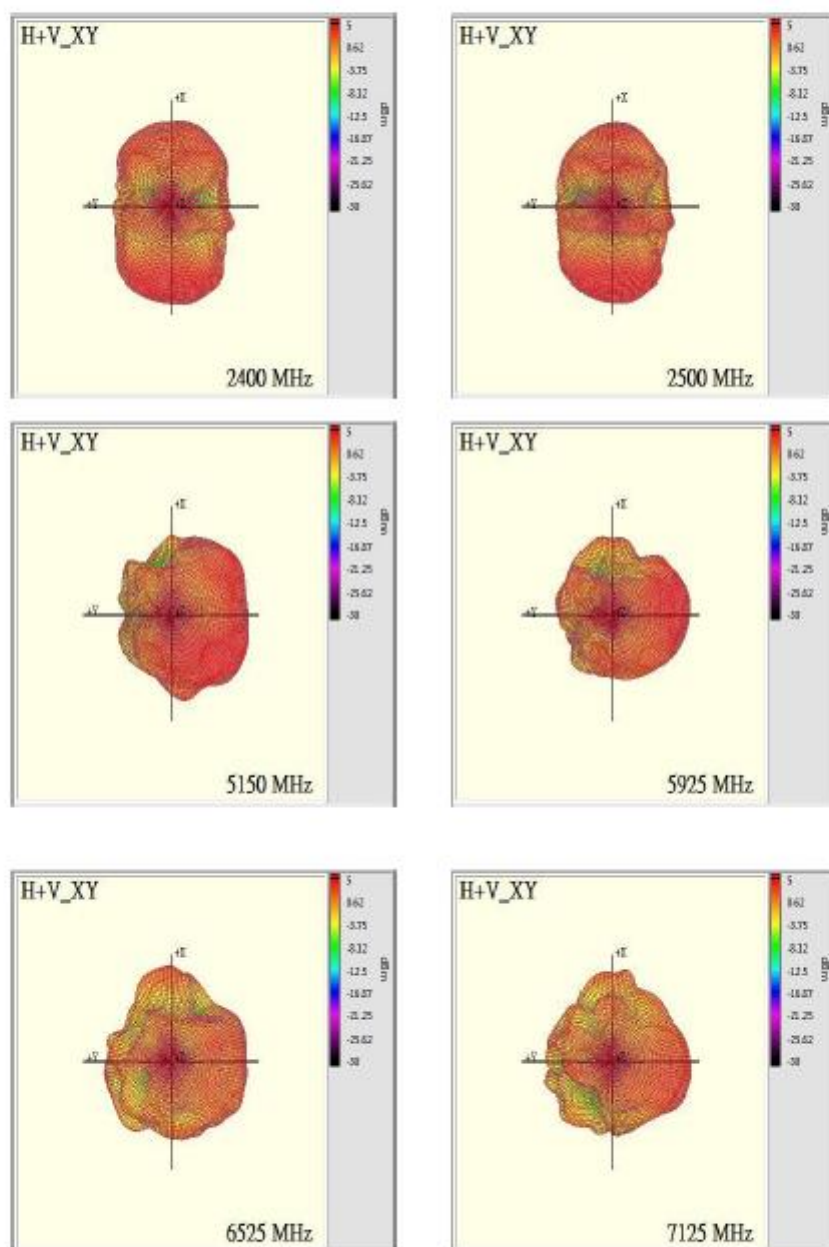
3. Antenna Gain Test

3.1 Antenna Radiation Pattern



3. Antenna Gain Test

3.1 Antenna Radiation Pattern



3. Antenna Gain Test

3.2 Gain and Efficiency Test Data

Frequency Band (MHz)		Gain	Peak gain
802.11b/g/n	2400	-3.9	1.3
	2450	-3.6	1.8
	2500	-3.3	1.8
WiFi 6 802.11a/ac/ax	5150	-4.0	1.1
	5250	-3.3	2.2
	5350	-3.7	1.6
	5470	-4.3	0.6
	5600	-3.9	0.8
	5725	-3.6	1.2
	5785	-3.5	1.3
	5800	-3.7	1.2
	5850	-3.8	1.6
	5895	-3.9	1.5
WiFi 6E 802.11ac/ax	5925	-4.2	1.7
	6175	-4.7	2.2
	6425	-4.5	2.6
	6525	-3.9	2.1
	6700	-4.0	2.0
	6875	-4.1	2.6
	7000	-3.9	2.8
	7125	-3.7	2.6



3. Antenna Gain Test

3.2 Gain and Efficiency Test Data

Frequency Band (MHz)		Gain	Peak gain
802.11b/g/n	2400	-3.7	0.7
	2450	-3.1	1.9
	2500	-2.8	1.9
WiFi 6 802.11a/ac/ax	5150	-3.9	2.4
	5250	-3.1	2.0
	5350	-3.4	2.1
	5470	-3.6	2.3
	5600	-3.3	1.6
	5725	-2.9	1.8
	5785	-3.2	2.0
	5800	-3.3	1.8
	5850	-3.2	1.9
	5895	-3.4	1.8
WiFi 6E 802.11ac/ax	5925	-3.8	1.5
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