

WIMAX Antenna Specification

承 認 書

APPROVAL SHEET

CUSTOMER : SEOWON INTECH CO.,LTD.

CUSTOMER MODEL NO. :

JOYMAX MODEL NO. : RWX-1511SAAX-467

DESCRIPTION : Replacement Antenna

APPROVAL SHEET. :

REV : 00

DATE : 2009/5/13

APPENDIX:

☒ Spec Sheet

☐ Other Sheet

Customer Approval

Joymax Approval



 士誼科技事業股份有限公司
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E-Mail: service@joymax.com.tw

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Zhongli City, Tao Yuan, Taiwan, R.O.C.
[Http://www.joymax.com.tw](http://www.joymax.com.tw)

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Item

1. Drawing

2. Specification

- Connector
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3. Test report

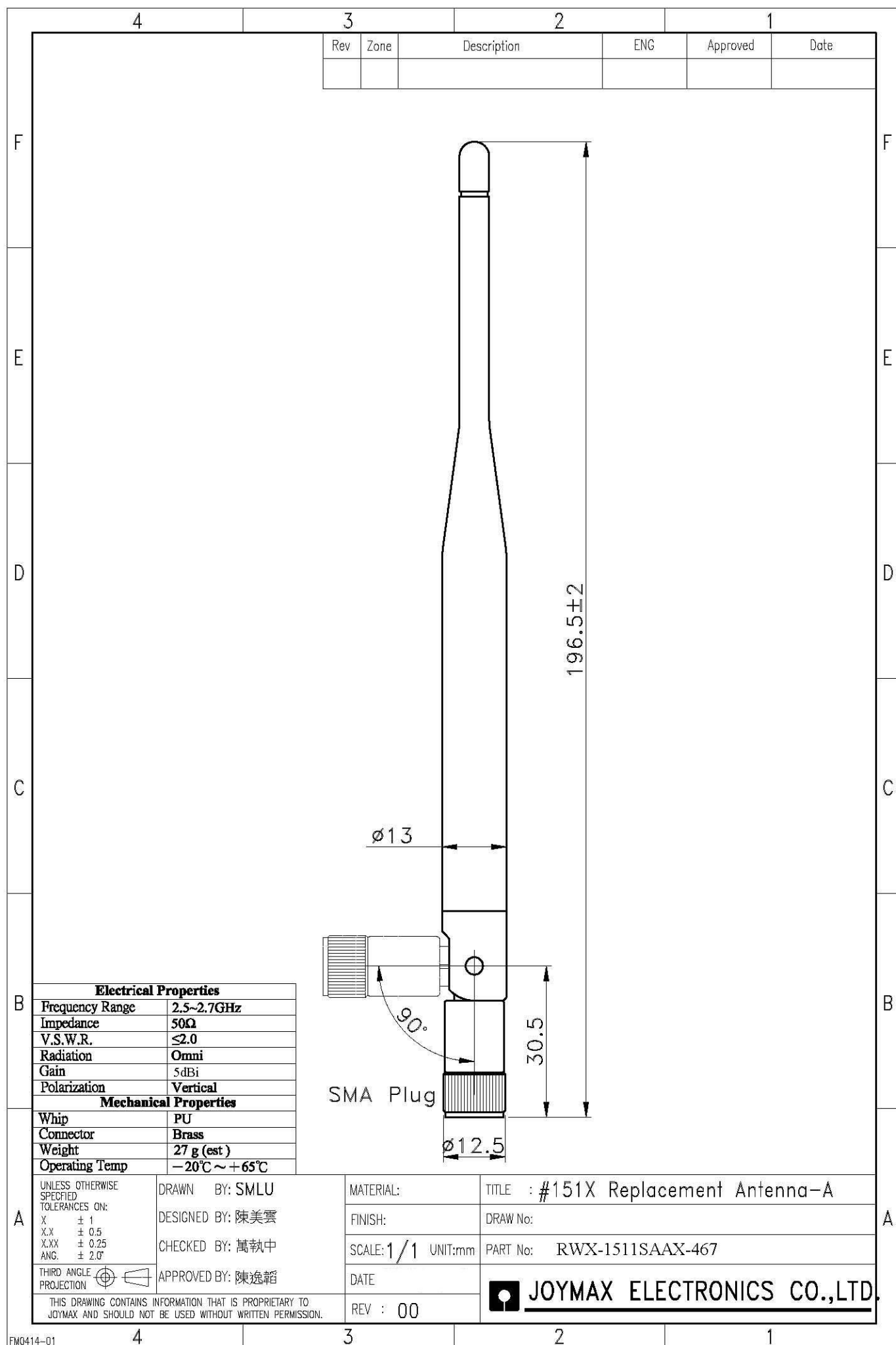
- Electrical test
 - Pattern test
-

4. Packing

- Blister
 - Carton
-

Modification History:

Rev.	Date	Content
00	2009/05/13	



FM0414-01

Connector

SMA

Specification Data	1) Impedance	50 ohm
	2) Frequency Range	0~6 GHz
	3) V.S.W.R.	≤ 1.5
	4) Working Voltage	≤ 250 Vrms
	5) Dielectric Withstanding	≤ 670 Vrms
	6) Voltage Insulation Resistance	≥ 2000 Mega ohm
	7) Contact Resistance	Center contact: 3.0 Milliohms (Max.) Outer contact: 2.0 Milliohms (Max.)
	8) Recommended coupling nut torque	4.0~8.8 in. lbs (0.45~0.99Nm)
	9) Coupling nut retention force	≥ 5 lbs (222N)
	10) Contact captivation force	≥ 5 lbs (22.2N)
	11) Durability (mating)	≥ 500 cycles

Environmental Data	1) Operating Temperature	$-65^{\circ}\text{C} \sim +165^{\circ}\text{C}$
	2) Thermal Shock	MIL-STD-202, Method 107, Condition B
	3) Corrosion	MIL-STD-202, Method 101, Condition B
	4) Shock	MIL-STD-202, Method 213, Condition I
	5) Vibration	MIL-STD-202, Method 204, Condition D
	6) Moisture Resistance	MIL-STD-202, Method 106

Material Specifications	Material Data	Material
	1) Body	Brass
	2) Contact	Phosphor Bronze
	3) Insulator	Teflon or Delrin

The 2.5~2.7 GHz antenna *test report*

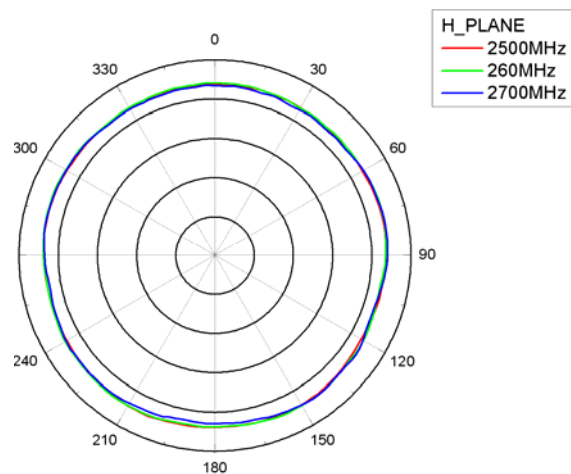
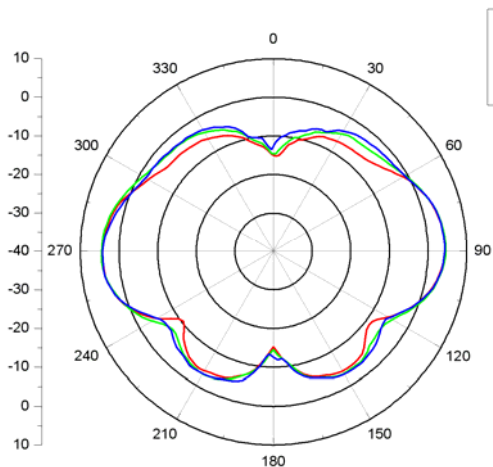
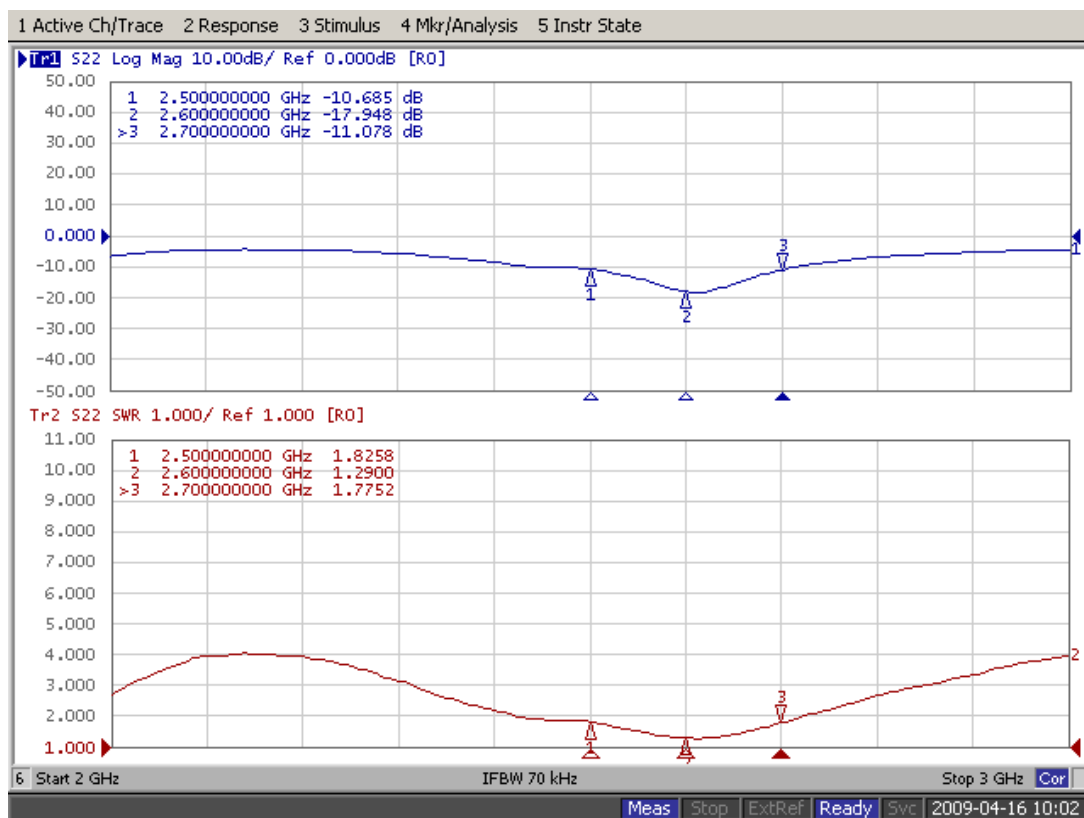
MODEL: RWX-1511SAAX-467

2009/04/16

Lico Yu

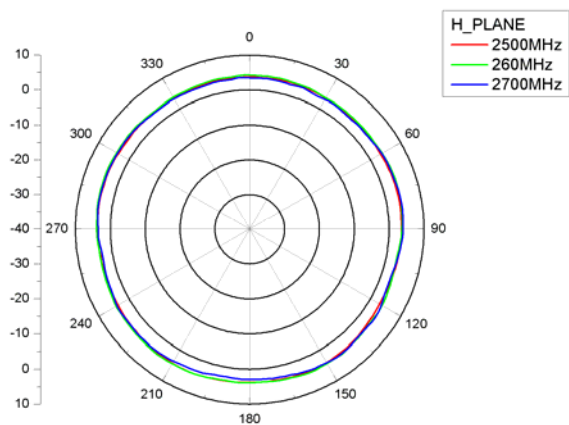
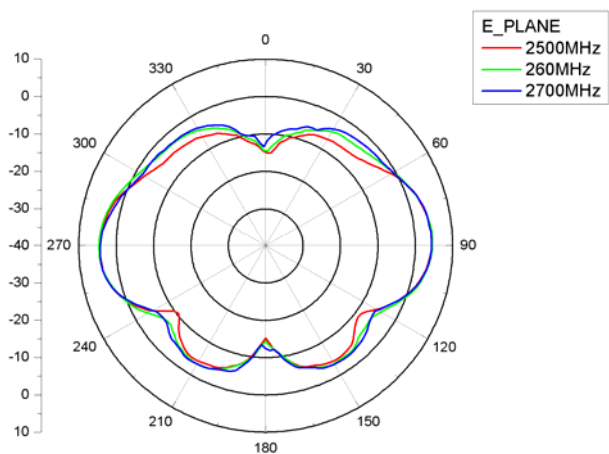
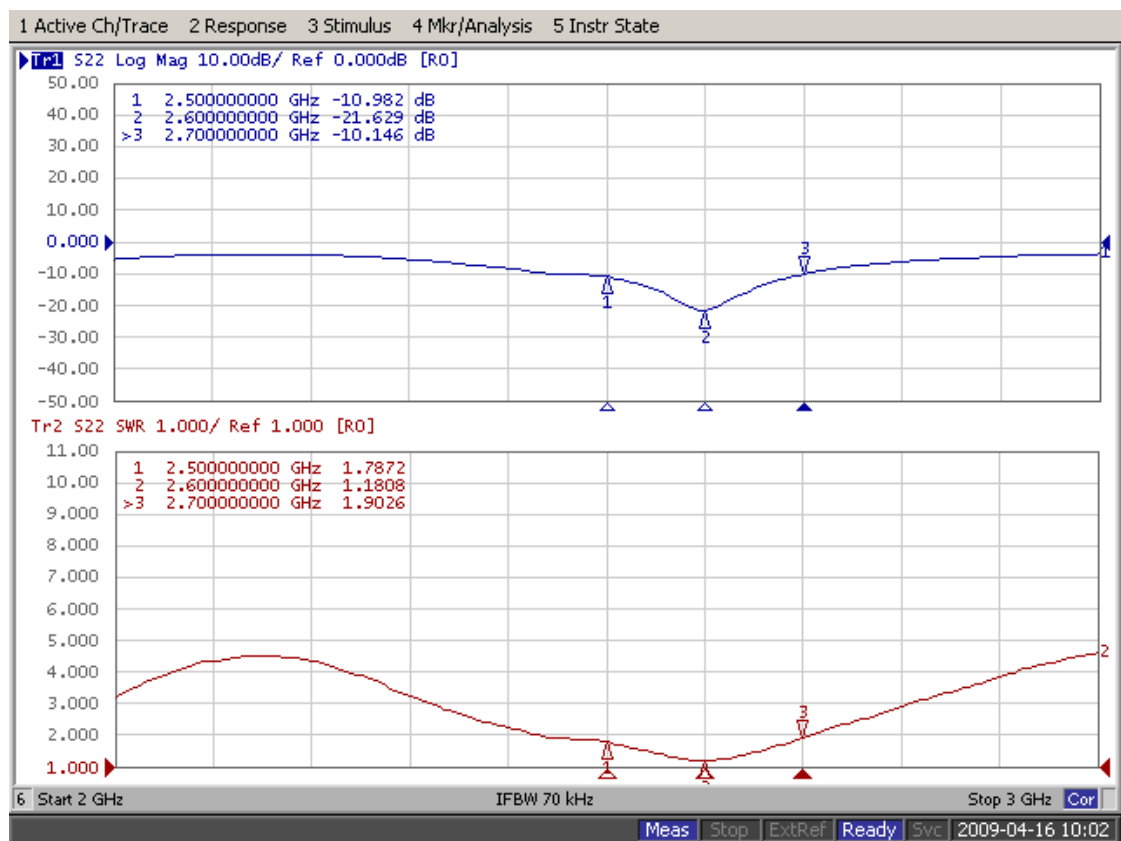


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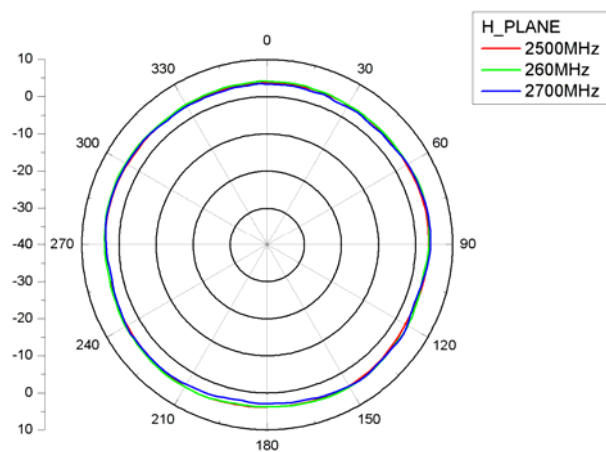
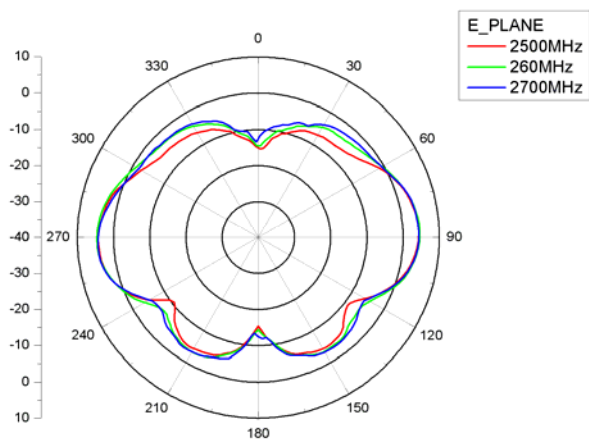
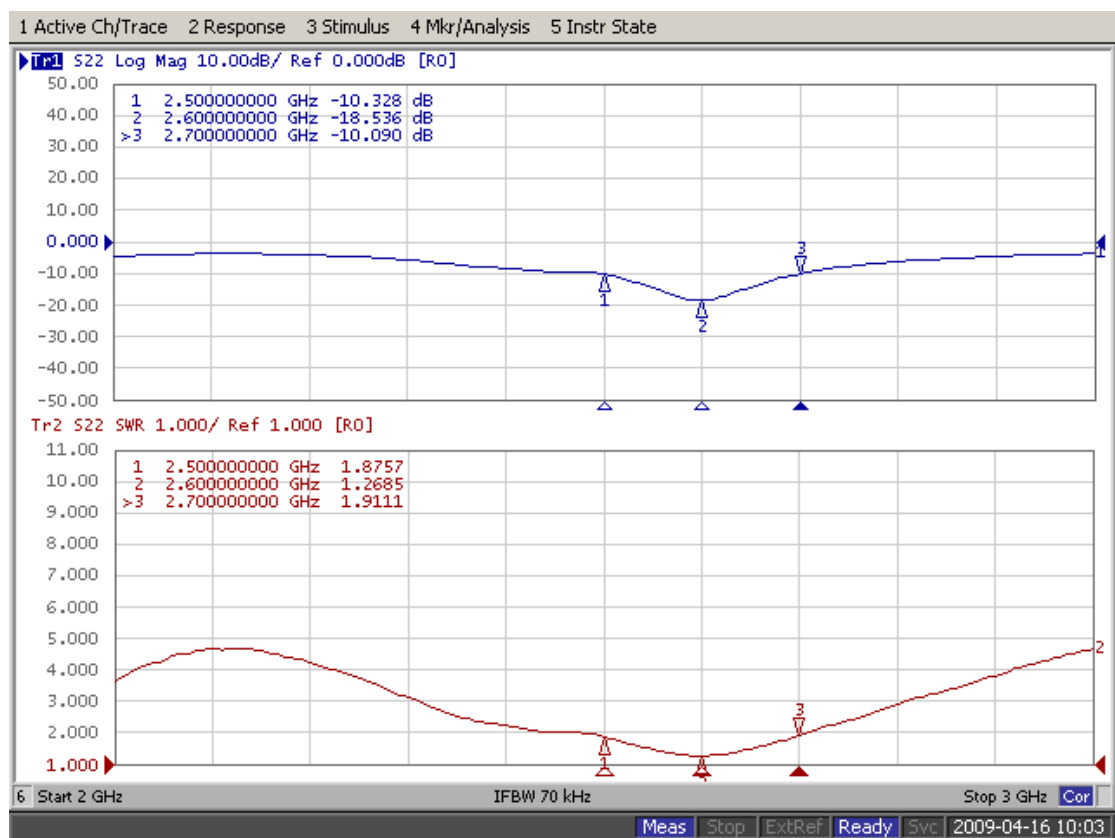
Peak Gain	2.5GHz	2.6GHz	2.7GHz
E_PLANE	4.59	4.60	4.59
H_PLANE	4.52	4.73	4.53

2.



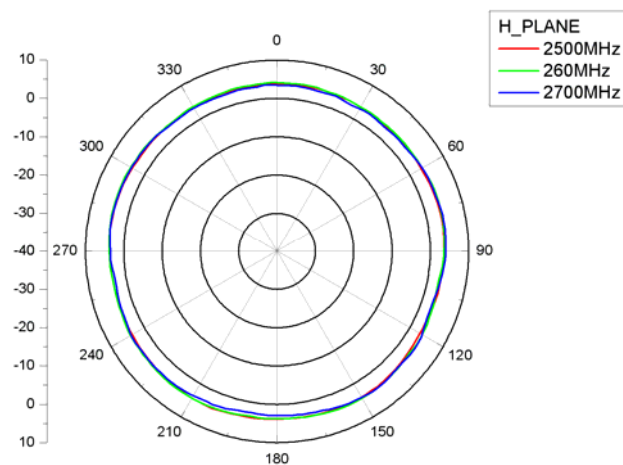
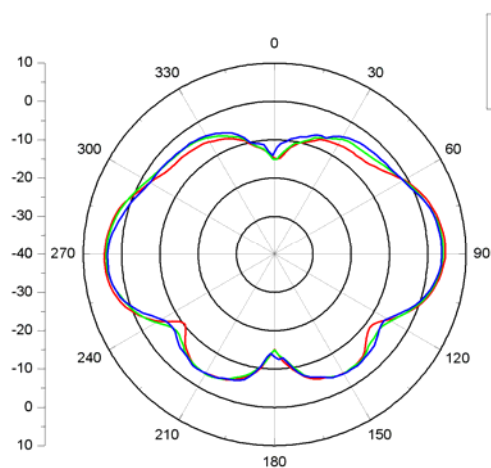
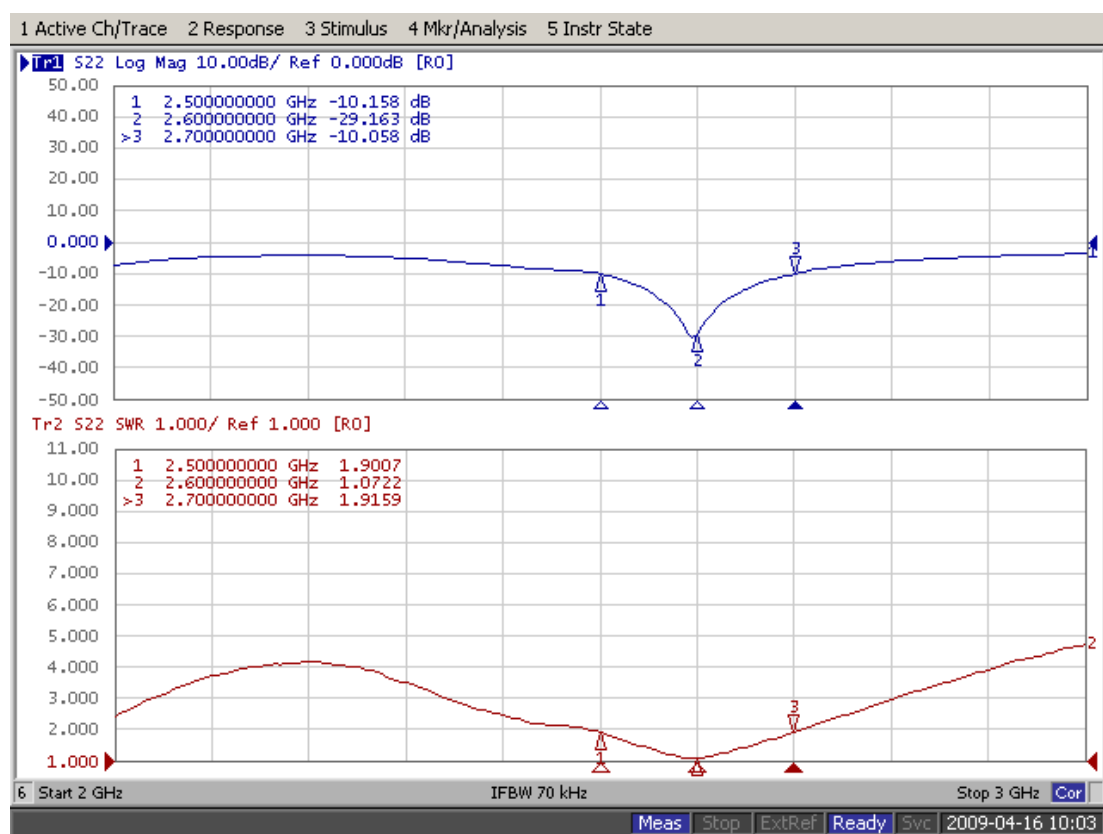
Peak Gain	2.5GHz	2.6GHz	2.7GHz
E_PLANE	4.56	4.65	4.59
H_PLANE	4.45	4.58	4.45

3.



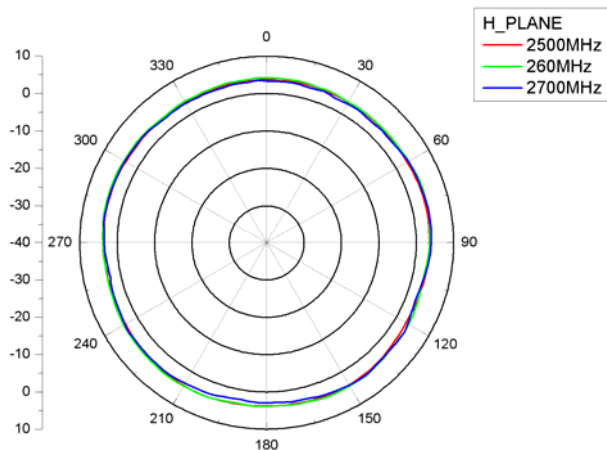
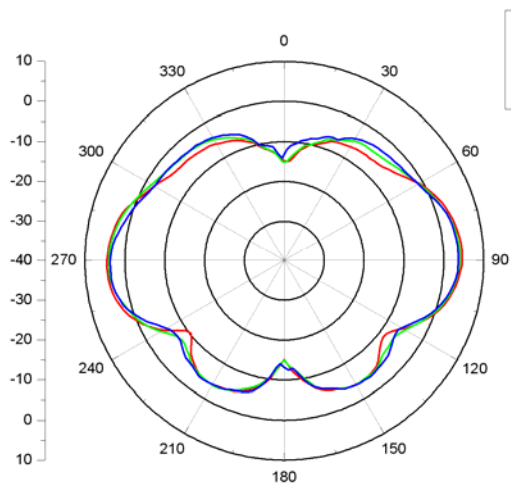
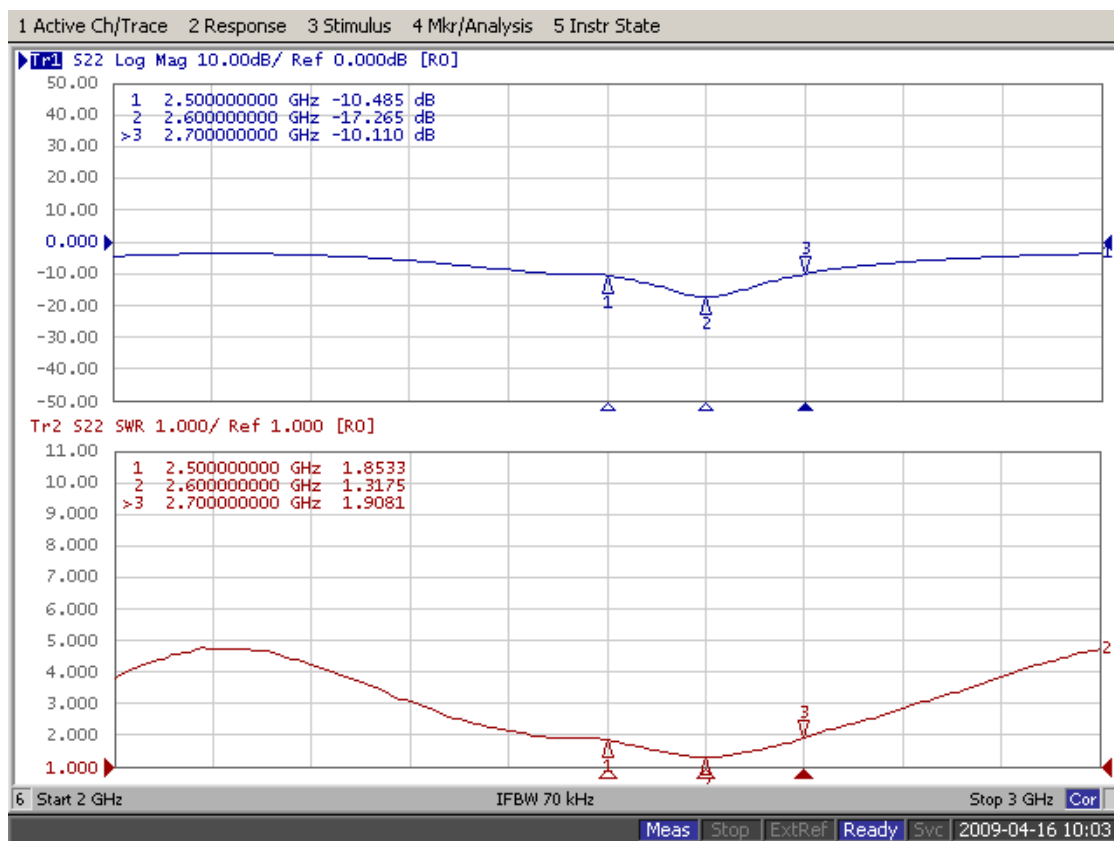
Peak Gain	2.5GHz	2.6GHz	2.7GHz
E_PLANE	4.54	4.66	4.56
H_PLANE	4.58	4.65	4.54

4.



Peak Gain	2.5GHz	2.6GHz	2.7GHz
E_PLANE	4.52	4.69	4.57
H_PLANE	4.49	4.62	4.58

5.

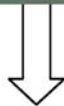


Peak Gain	2.5GHz	2.6GHz	2.7GHz
E_PLANE	4.51	4.70	4.54
H_PLANE	4.50	4.65	4.51

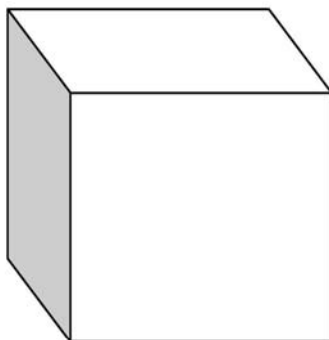
Packing



- 1 18pcs ANT / 1 Blister
Blister size 360*230.5mm



- 2 2 layer
{ 10pcs Blister+2pcs Partition
{ 10pcs Blister+2pcs Partition



- 3 360pcs ANT / 1Carton
Carton size 390*260*330mm

WLAN Antenna Specification

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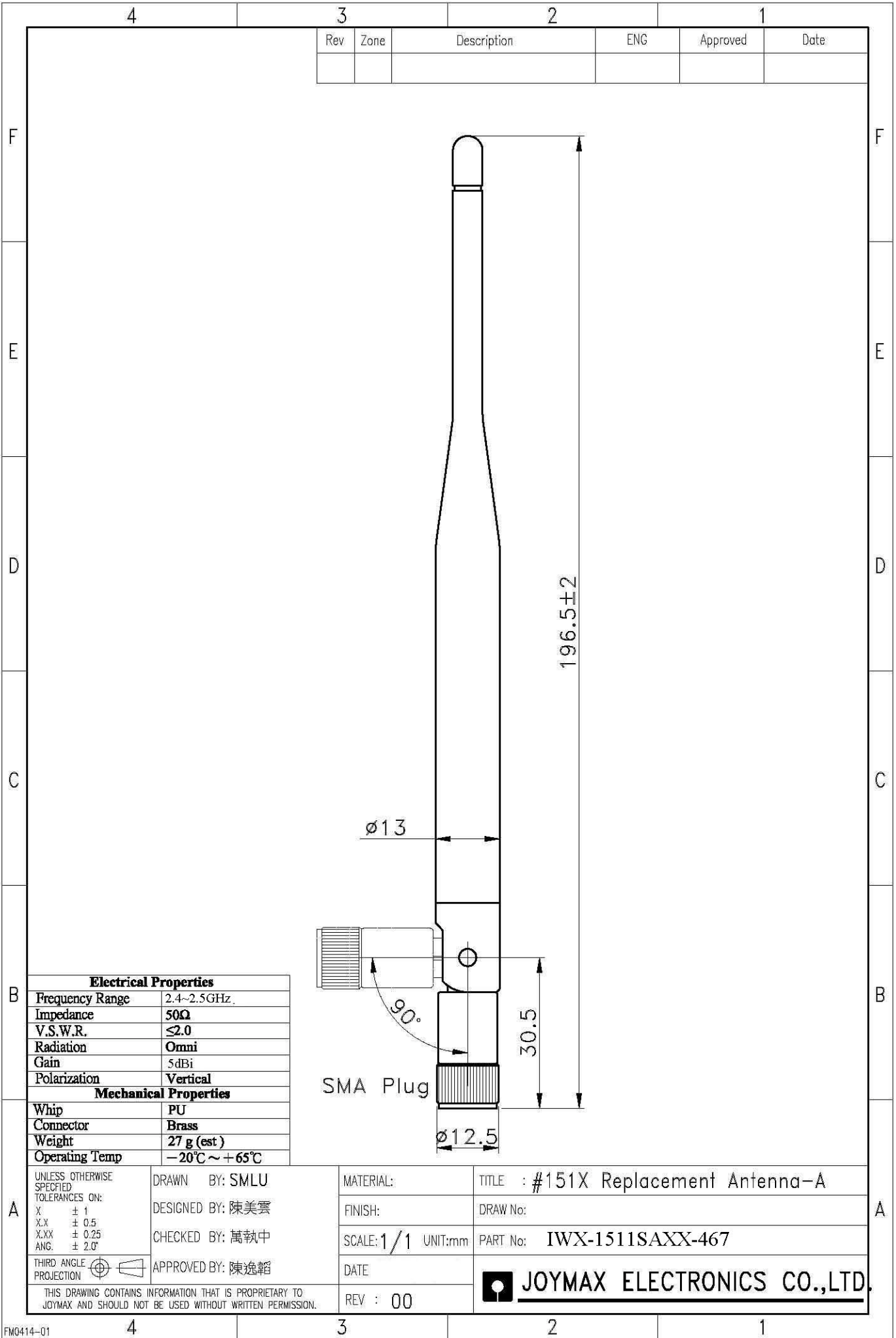
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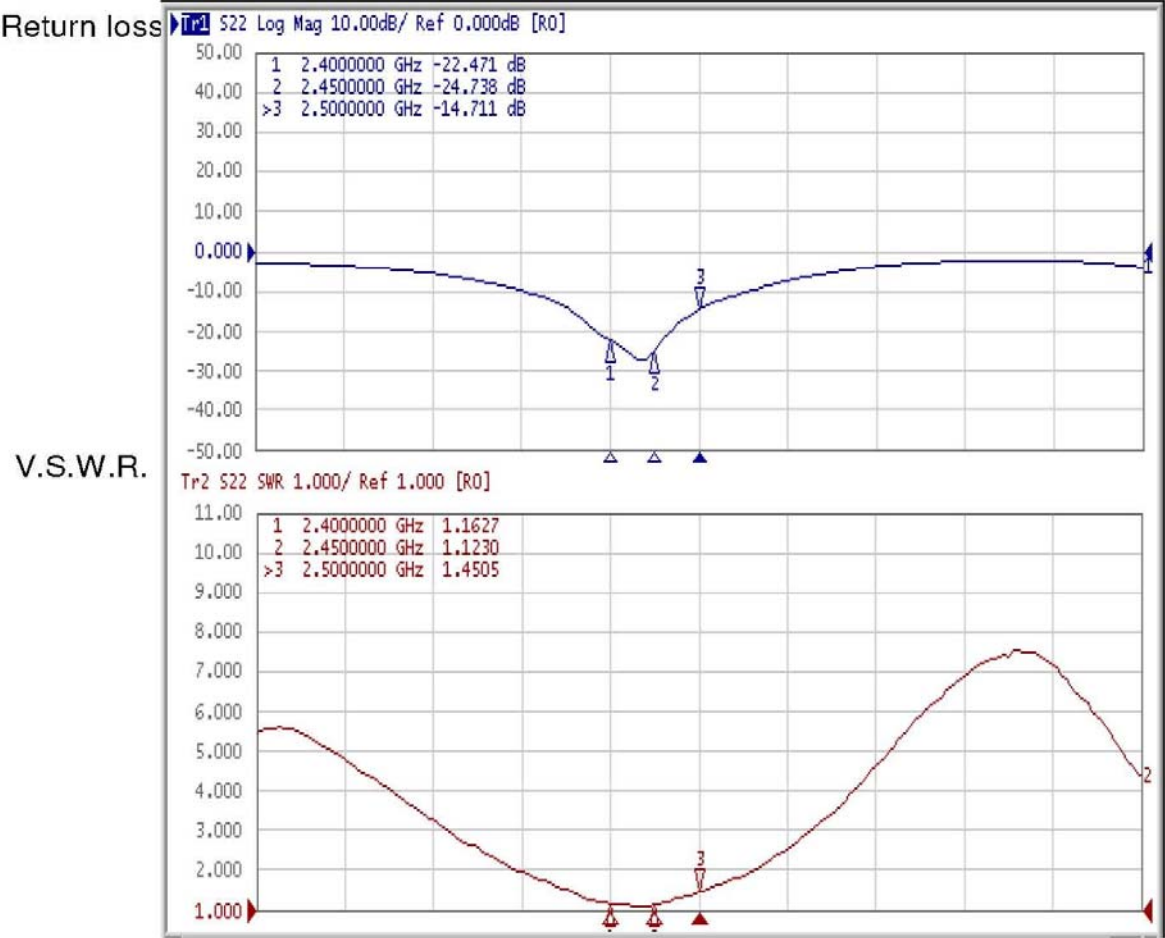
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Model. IWX-1511SAXX-467

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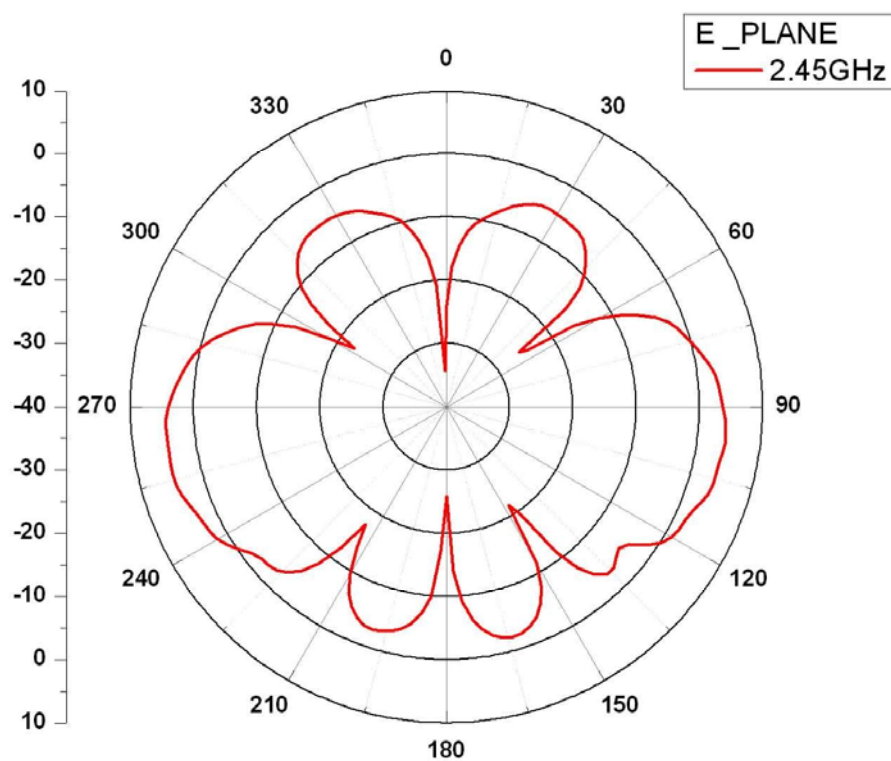
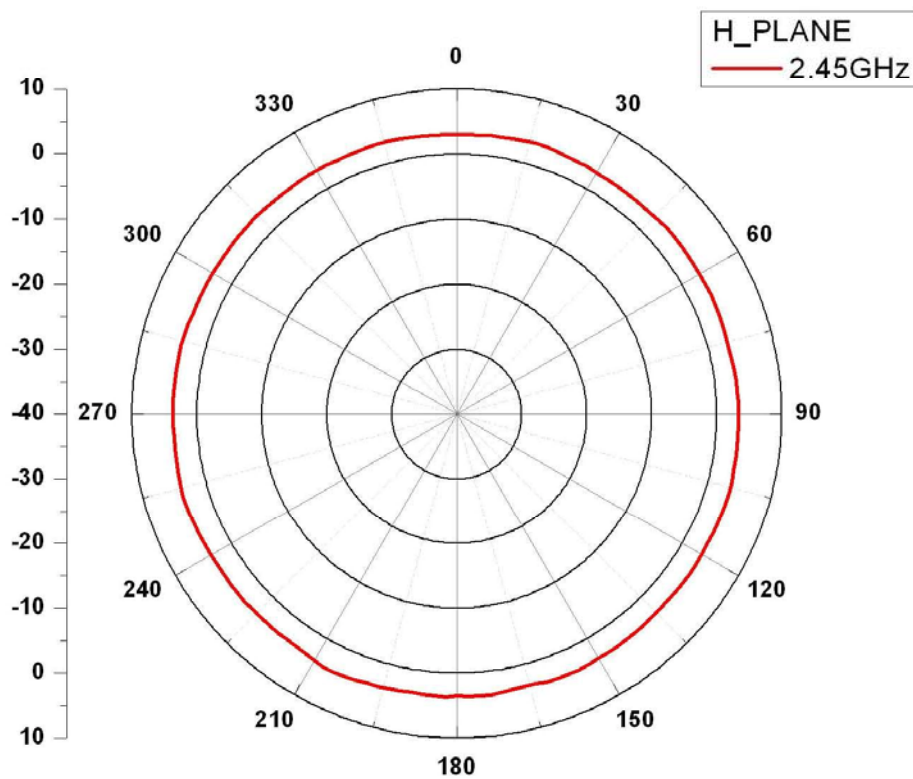
Return loss/V.S.W.R



Model. IWX-1511SAXX-467

Test Report

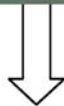
Pattern



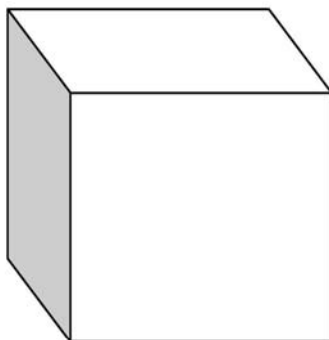
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