

承認書

APPROVAL SHEET

CUSTOMER:

CUSTOMER MODEL NO.: MEIWX-2411SAXX-2400

DESCRIPTION #2411 Replacement Antenna

REV.: 00

DATE 2010/12/23

Customer Approval	
-------------------	--

Index.

Item

1. Drawing

2. Test report

- Electrical test
 - Pattern test
-

3. Specification

- Connector
-

4. Packing

- Blister
 - Carton
-

Modification History:

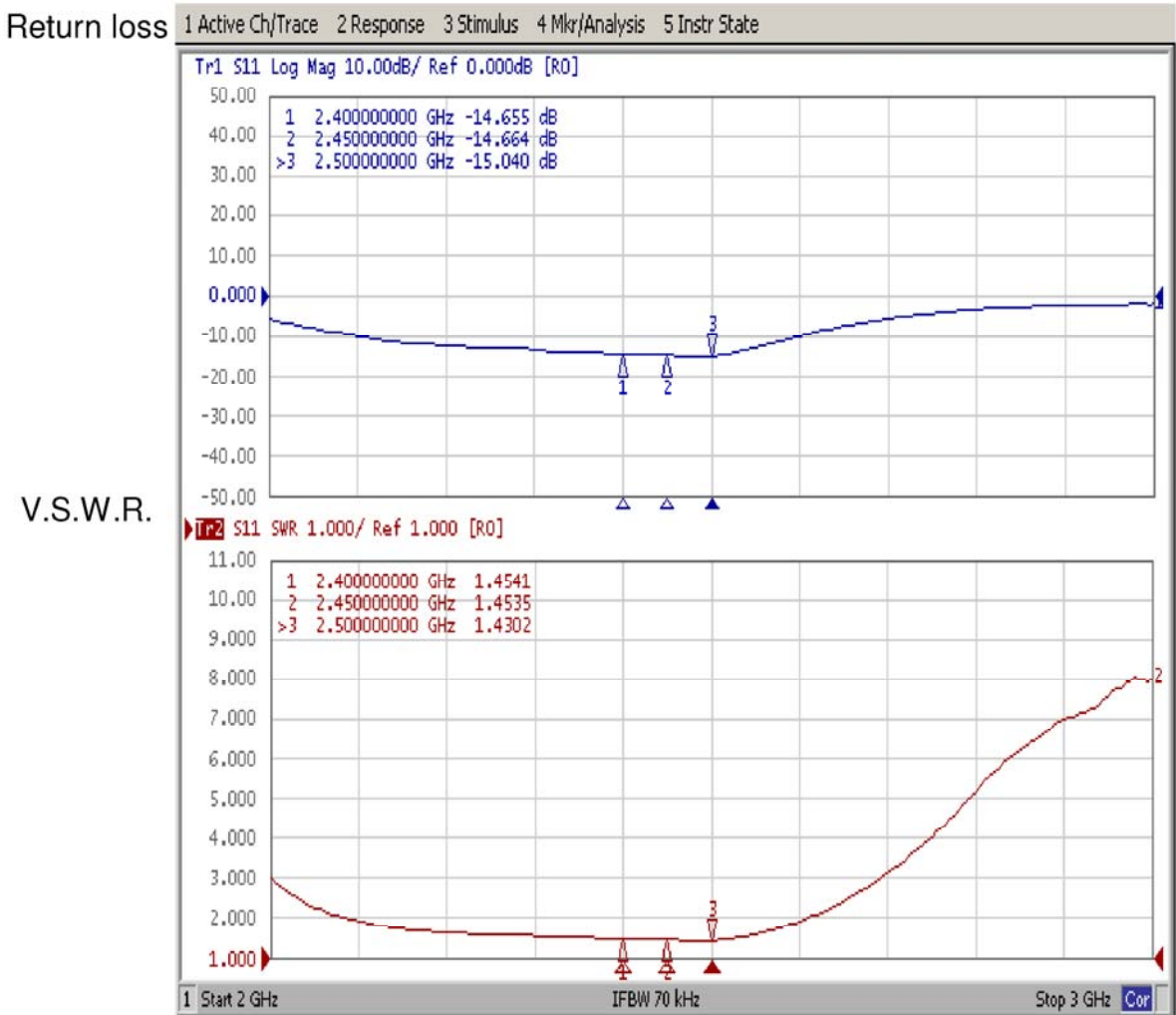
Rev.	Date	Content
00	2010/12/23	

4	3	2	1																		
Rev		Zone	Description																		
ENG		Approved	Date																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Electrical Properties</th> </tr> </thead> <tbody> <tr> <td>Frequency Range</td> <td>2.4~2.4835 GHz</td> </tr> <tr> <td>Impedance</td> <td>50Ω</td> </tr> <tr> <td>V.S.W.R.</td> <td>≤2.0</td> </tr> <tr> <td>Radiation</td> <td>Omni</td> </tr> <tr> <td>Gain</td> <td>2dBi</td> </tr> <tr> <td>Polarization</td> <td>Vertical</td> </tr> </tbody> </table>				Electrical Properties		Frequency Range	2.4~2.4835 GHz	Impedance	50Ω	V.S.W.R.	≤2.0	Radiation	Omni	Gain	2dBi	Polarization	Vertical				
Electrical Properties																					
Frequency Range	2.4~2.4835 GHz																				
Impedance	50Ω																				
V.S.W.R.	≤2.0																				
Radiation	Omni																				
Gain	2dBi																				
Polarization	Vertical																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Mechanical Properties</th> </tr> </thead> <tbody> <tr> <td>Whip</td> <td>PU/PC</td> </tr> <tr> <td>Connector</td> <td>Brass</td> </tr> <tr> <td>Weight</td> <td>8.5 g (est.)</td> </tr> <tr> <td>Operating Temp</td> <td>-20℃~+65℃</td> </tr> </tbody> </table>				Mechanical Properties		Whip	PU/PC	Connector	Brass	Weight	8.5 g (est.)	Operating Temp	-20℃~+65℃								
Mechanical Properties																					
Whip	PU/PC																				
Connector	Brass																				
Weight	8.5 g (est.)																				
Operating Temp	-20℃~+65℃																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">UNLESS OTHERWISE SPECIFIED TOLERANCES ON:</td> </tr> <tr> <td>X</td> <td>± 1</td> </tr> <tr> <td>XX</td> <td>± 0.5</td> </tr> <tr> <td>XXX</td> <td>± 0.25</td> </tr> <tr> <td>ANG.</td> <td>± 2.0°</td> </tr> </table>		UNLESS OTHERWISE SPECIFIED TOLERANCES ON:		X	± 1	XX	± 0.5	XXX	± 0.25	ANG.	± 2.0°	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">DRAWN BY: PENNY</td> </tr> <tr> <td colspan="2">DESIGNED BY: 劉冠纓 / 王清榮</td> </tr> <tr> <td colspan="2">CHECKED BY: 廖信寬 / 萬執中</td> </tr> <tr> <td colspan="2">APPROVED BY: 萬執中</td> </tr> </table>		DRAWN BY: PENNY		DESIGNED BY: 劉冠纓 / 王清榮		CHECKED BY: 廖信寬 / 萬執中		APPROVED BY: 萬執中	
UNLESS OTHERWISE SPECIFIED TOLERANCES ON:																					
X	± 1																				
XX	± 0.5																				
XXX	± 0.25																				
ANG.	± 2.0°																				
DRAWN BY: PENNY																					
DESIGNED BY: 劉冠纓 / 王清榮																					
CHECKED BY: 廖信寬 / 萬執中																					
APPROVED BY: 萬執中																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">MATERIAL:</td> </tr> <tr> <td colspan="2">FINISH:</td> </tr> <tr> <td colspan="2">SCALE: 1 / 1 UNIT:mm</td> </tr> <tr> <td colspan="2">DATE: 2008/6/26</td> </tr> <tr> <td colspan="2">REV: 00</td> </tr> </table>		MATERIAL:		FINISH:		SCALE: 1 / 1 UNIT:mm		DATE: 2008/6/26		REV: 00		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">TITLE : #2411 Replacement Aetenna</td> </tr> <tr> <td colspan="2">DRAW NO. :</td> </tr> <tr> <td colspan="2">PART NO. : MEIWX-2411SAXX-2400</td> </tr> </table>		TITLE : #2411 Replacement Aetenna		DRAW NO. :		PART NO. : MEIWX-2411SAXX-2400			
MATERIAL:																					
FINISH:																					
SCALE: 1 / 1 UNIT:mm																					
DATE: 2008/6/26																					
REV: 00																					
TITLE : #2411 Replacement Aetenna																					
DRAW NO. :																					
PART NO. : MEIWX-2411SAXX-2400																					

Model. MEIWX-2411SAXX-2400

Test Report

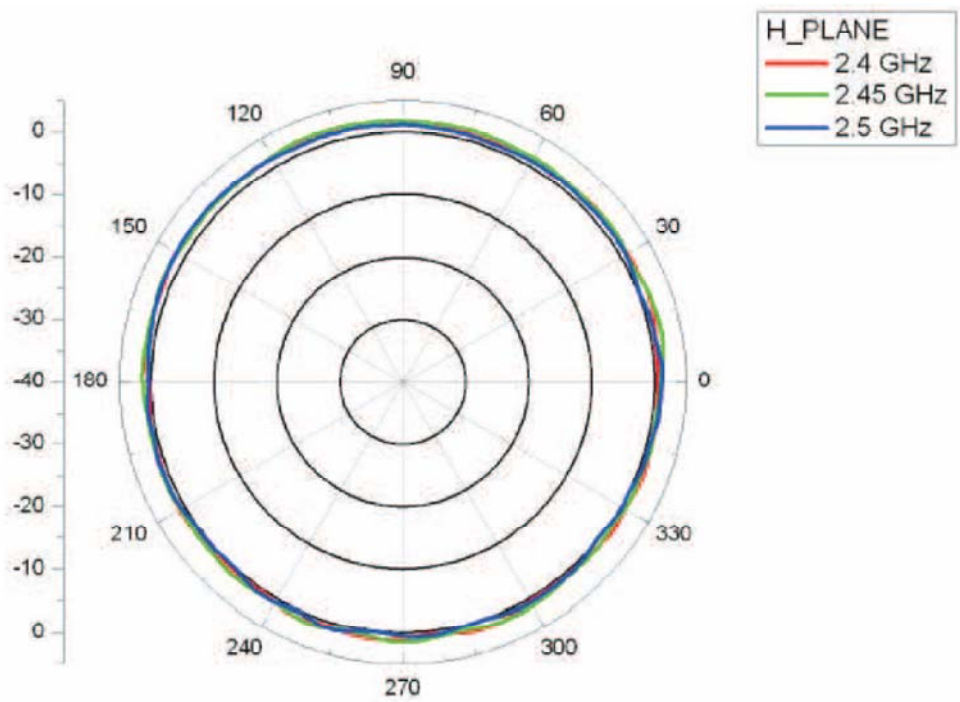
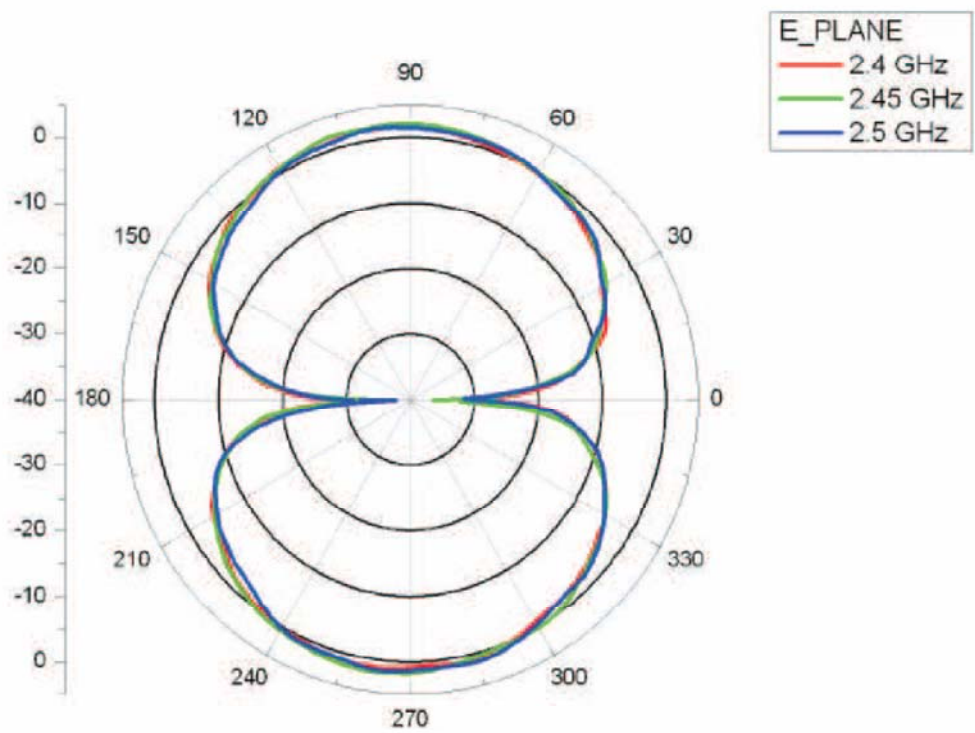
Return loss/V.S.W.R



Model. MEIWX-2411SAXX-2400

Test Report

Pattern



Connector

SMA

Specification Data	1) Impedance	50 ohm
	2) Frequency Range	0~6GHz
	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	≥ 50 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	Brass
	3) Insulator	Teflon or Delrin
