

Figure 1. VSWR

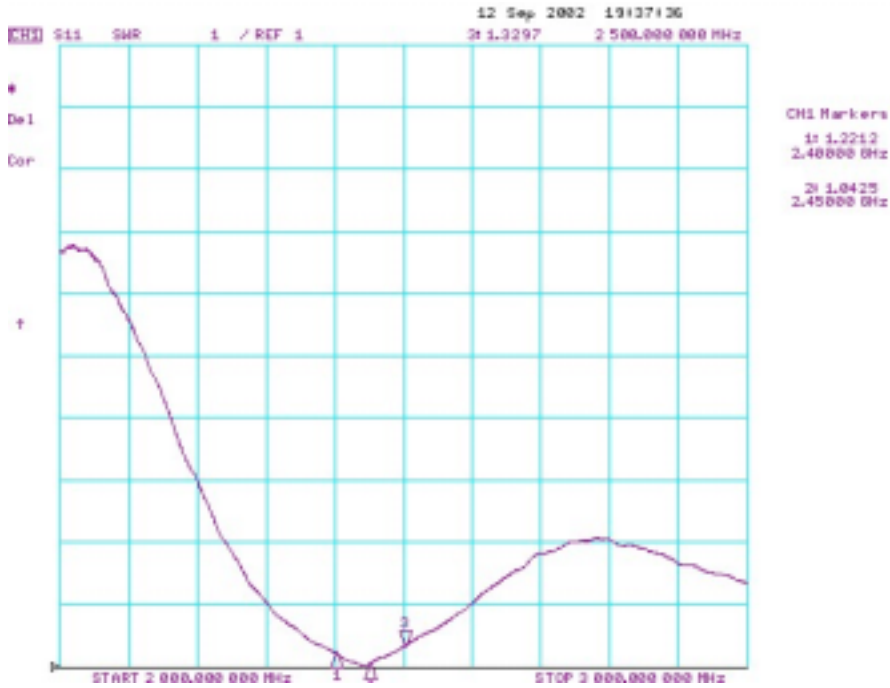
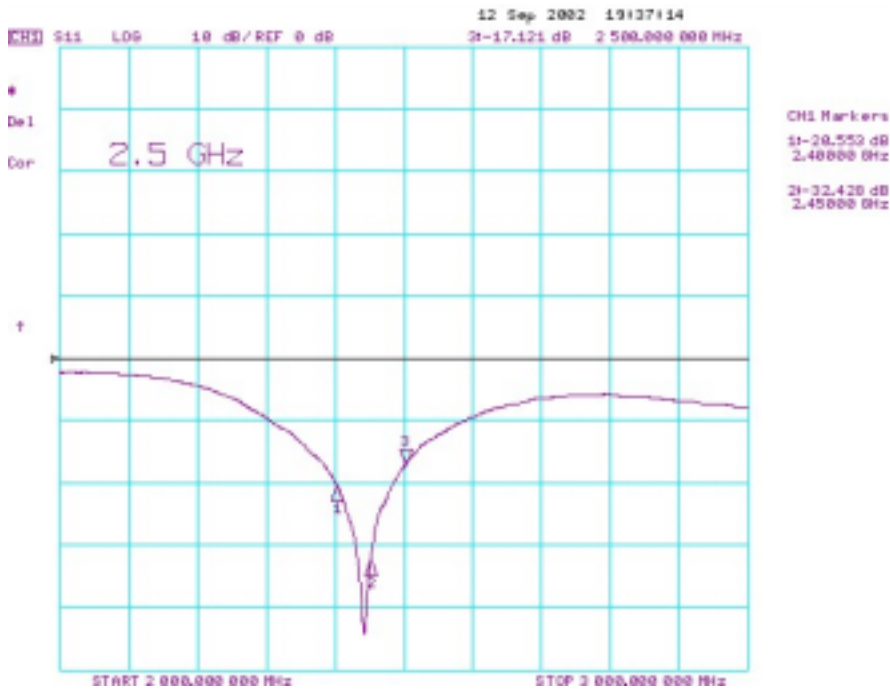


Figure 2. Return Loss



UNLESS OTHER SPECIFIED TOLERANCES ON :
 X = ± 3 X.X = ± 0.5 X.XX = ± 0.05
 ANGLES = ± HOLEDIA = ±



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 INPAQ TECHNOLOGY CO., LTD.

SCALE : UNIT : mm
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 DESIGNED BY : 張明貴 *George* APPROVED BY : 張啓隆 *啓隆*

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TITLE : 2.4GHz A0 Type Antenna for DAMA0BM11500200

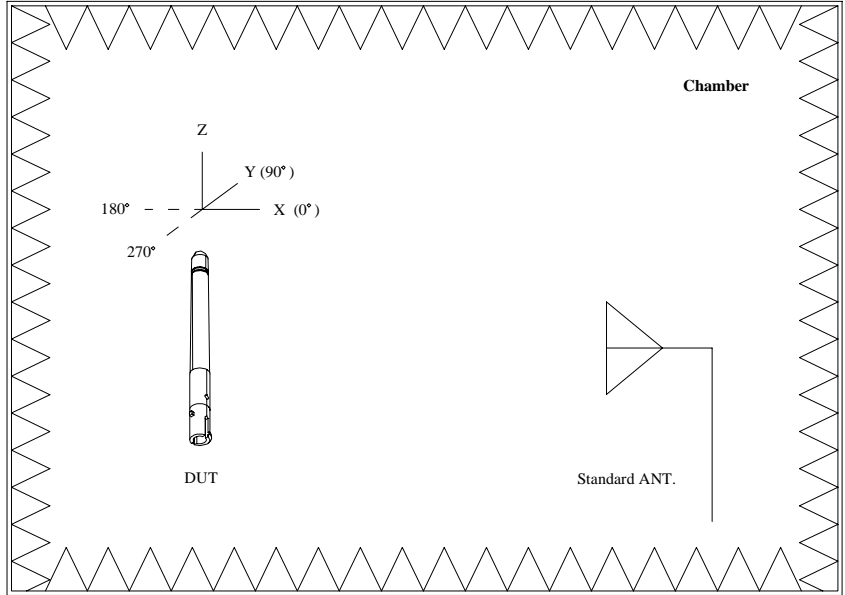
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Figure 3. Gain

The Gain pattern was measuring in INPAQ's FAR-field chamber . DUT will be placed on the table of rotator , a standard horn antenna and Vector Network Analyzer was using to collected data.

(Please contact to INPAQ for more detail)

● Measuring factors definition



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3. Mechanical properties:

Item	Property
Color	Black (Typ.)
Coaxial-Cable	Mini Coaxial 1.13
Plastic Cover	TPU or TPE
Antenna Base	PC
Fixed pin	BSBM (surface treatment)
Connector	Mini Coaxial Connector

Operating Temperature : -20~+65°C

Storage Temperature : -40~+80°C

4. Environmental Characteristics:

No	Item	Test Condition	Specification
4-1	High Temperature/Humidity Operating test	1.Temperature : +60±2°C. 2.Humidity : 90~95% RH 3.Time : 24hrs	1. Normal functional test must be satisfied after the test. 2. No material deformation is allowed.
4-2	Low Temperature/Humidity Operating test	1.Temperature : -20±2°C. 2.Humidity : 0% RH 3.Time : 24hrs	
4-3	High Temperature/Humidity Storage	1.Temperature : +80±2°C. 2.Humidity : 90~95% RH 3.Time : 88hrs	
4-4	Low Temperature/Humidity Storage	1.Temperature : -40±2°C. 2.Humidity : 0% RH 3.Time : 28hr	
4-5	Temperature Cycle Operating Test	1.Temperature : -40~+75°C 2.Duration : ● 88 Hours, ● 45min/dwelling@ -40°C, ● 10°C per min./transition from -40°C to 75°C, ● 45min/dwelling@75°C,	
4-6	Temperature Shock Test	1.Temperature : -40±°C ~+85°C. 2.Time : 30 minutes/dwelling, 5 minutes/ transition, 24 cycles	

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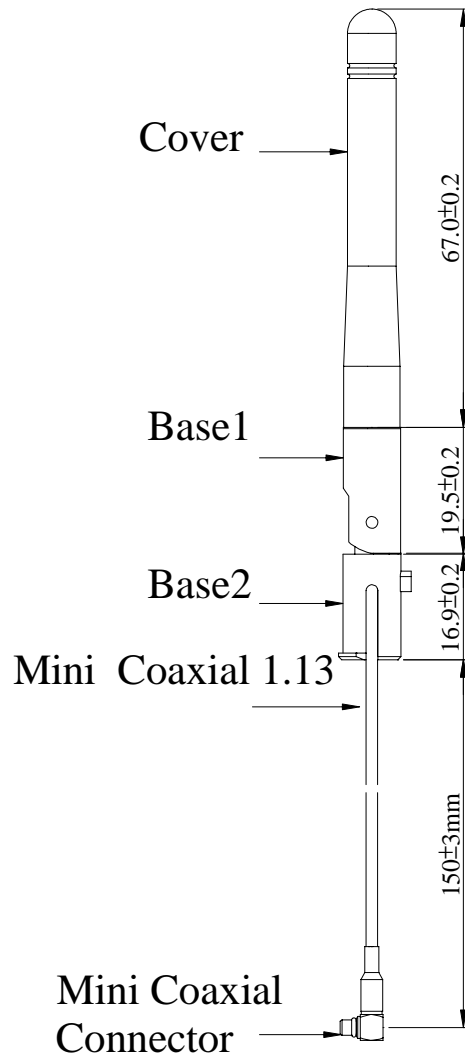
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4. Physical Dimension :



Unit : mm

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SCALE :

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