

# DAM-P1-B-N0-000-18-03

## 1. Explanation of Part Number

**DAM – P1 - B – N0 - 000 - 18 - 03**  
 (1) (2) (3) (4) (5) (6) (7)

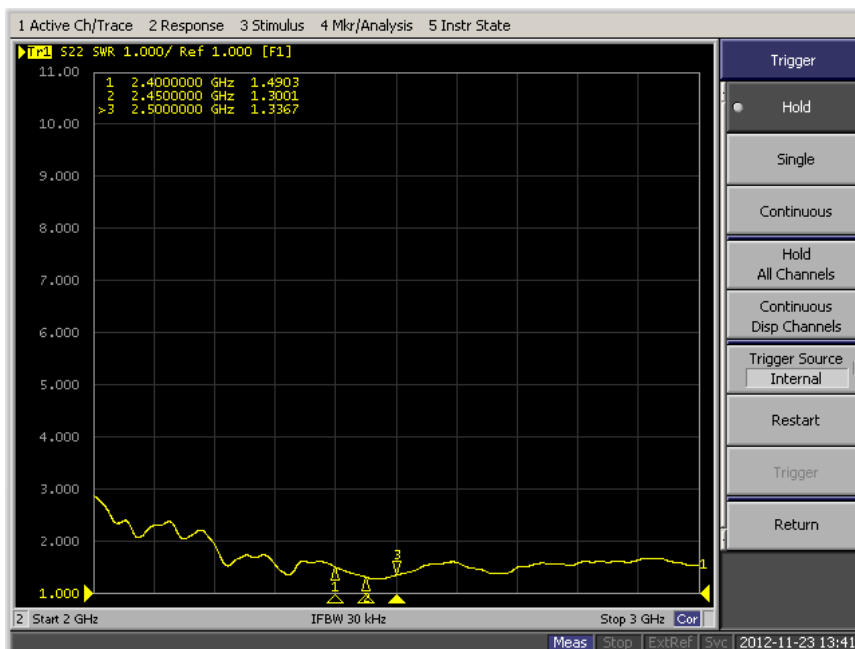
- (1) Product type: DAM-Dipole Antenna Module
- (2) Appearance Series: P1
- (3) Frequency: B=2.4G-2.5GHz
- (4) Coaxial Cable Specification: N0: without cable
- (5) Coaxial Cable Length: 000=Cable Length:0
- (6) Connector Types: 18=SMA RA PLUG,MALE PIN
- (7) Suffix for special requirements: 03=Metal Connector

※ RoHS Compliant

## 2. Electrical properties:

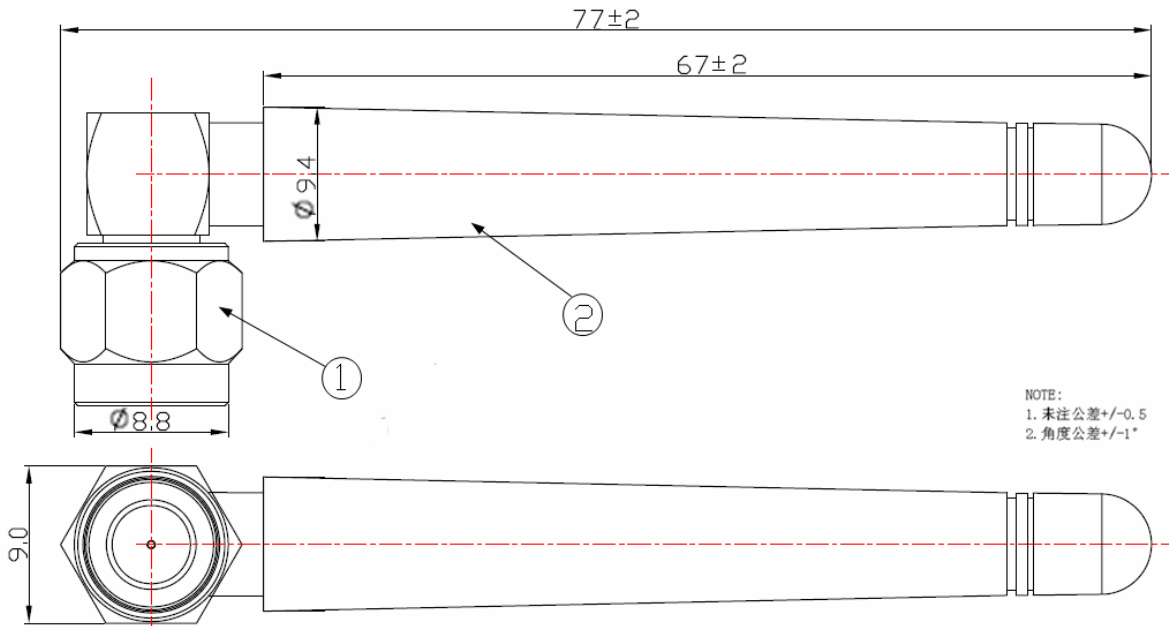
Item	Property
Frequency Range	2.4G-2.5GHz
Impedance	50 Ω (Typ.)
Antenna Gain	2.0+/-0.7 dBi
VSWR	2.0 max.

## 3. Test Data



Frequency (GHz)	2.4	2.45	2.5
VSWR	1.49	1.30	1.33

4. Mechanical properties:



No	Description	Material	Finish
1	Connector : SMA RA PLUG (MALE PIN)	CU	AU PLATING
2	BODY	TPE	BLACK

5. Reliable test:

Test Item	Procedure	Requirement
1. Visual inspection and dimension check	Applicable methods using x 5 magnification	Follow specification
2. Rapaid changing of temperature	-40°C (30 minutes) to 90°C (30 minnutes) ; 24 cycles	After 2 hours recovery 1. No visible damage 2. Freq. Tol.:<± 5%
3. Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery 1. No visible damage 2. Freq. Tol.:<± 5%
4. Endurance	24 hours at 90°C	After 2 hours recovery 1. No visible damage 2. Freq. Tol.:<± 5%