

## DAM-P6-D-R2-025-08-00

### 1. Explanation of Part Number

**DAM – P6 - D – R2 - 025 - 08 - 00**  
 (1) (2) (3) (4) (5) (6) (7)

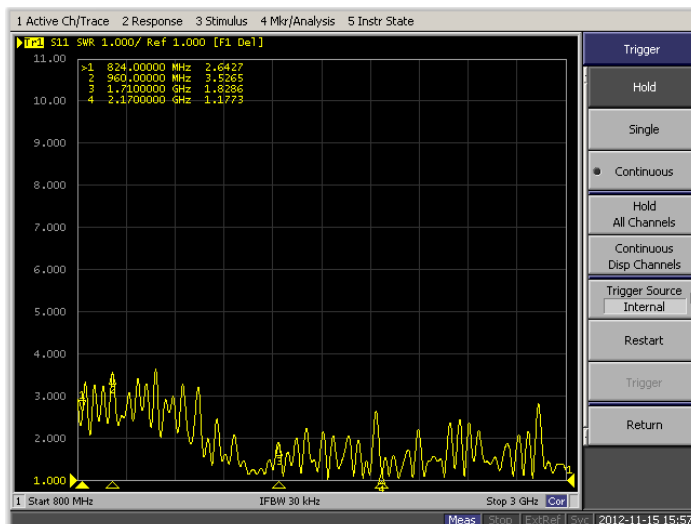
- (1) Product type: DAM-Dipole Antenna Module
- (2) Appearance Series: P6
- (3) Frequency: D=824-960MHz,1710-2170MHz
- (4) Coaxial Cable Specification: R2: RG-174
- (5) Coaxial Cable Length: 025=Cable Length:2500mm
- (6) Connector Types: 08=SMA Plug
- (7) Suffix for special requirements: 00=Single cable

※ RoHS Compliant

### 2. Electrical properties:

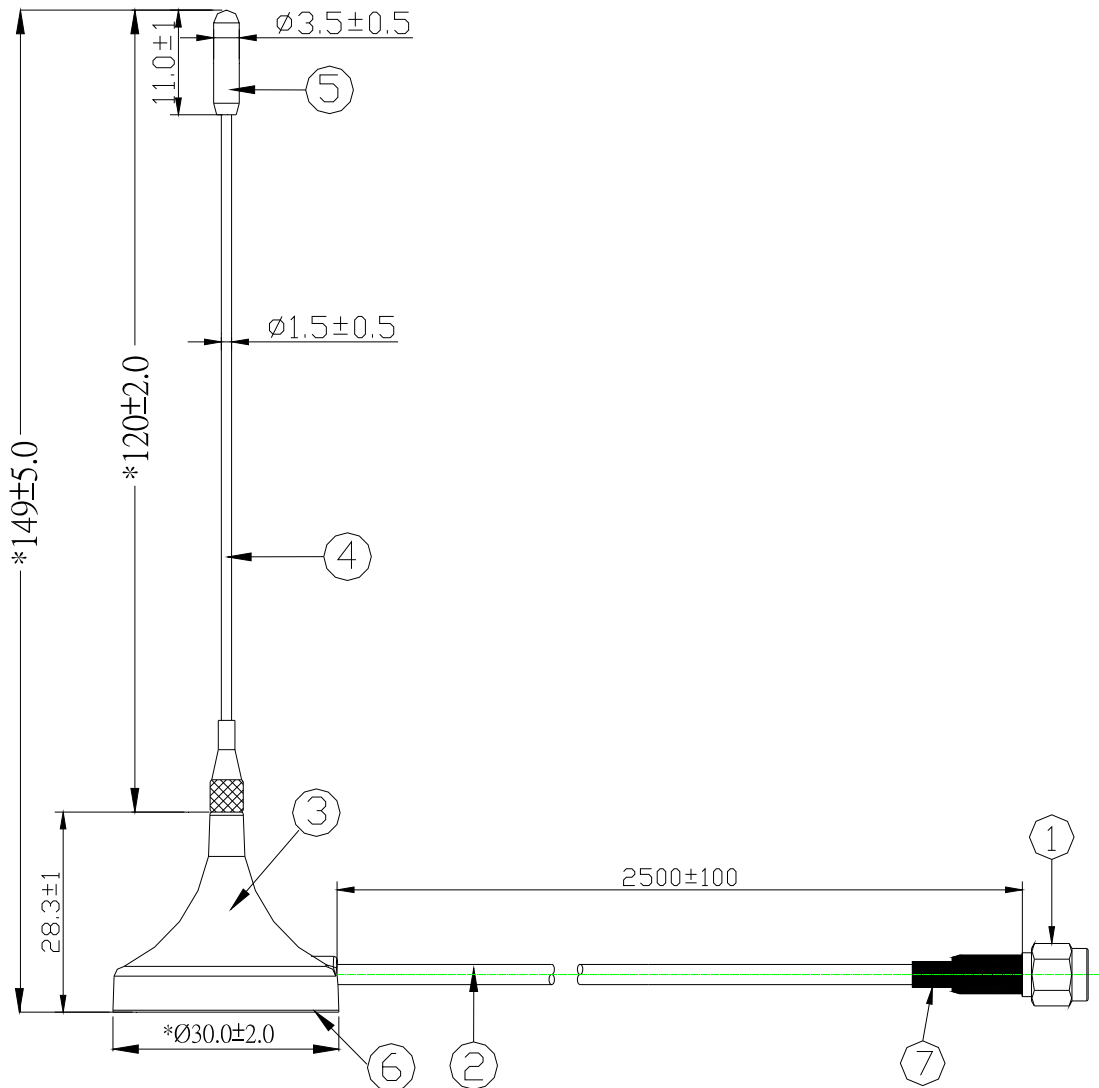
Item	Property
Frequency Range	824-960MHz,1710-2170MHz
Impedance	50 Ω (Typ.)
VSWR	824~960MHz=4.0max,1710~2170MHz=3.0max
Peak Gain	0.5 dBi (Typ.)

### 3. Test Data



Frequency (MHz)	824	960	1710	2170
VSWR	2.64	3.52	1.82	1.17

4. Mechanical properties:



No	Description	Material	Finish
1	Connector:SMA Plug	Cu	Au Plating
2	Cable	RG174	L=2500mm
3	Body base	ABS	Black $\phi$ 30x28
4	Body ANT	Fe	Black $\phi$ 1.5
5	ANT top hat	PVC	Black $\phi$ 3.5x11
6	Mylar	EVA	Black
7	Shrik Tube	EVA	Black $\phi$ 5.0x15

## 5. Reliable test:

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