

Small Ceramic Chip Antenna **for Bluetooth**

SMA-F24016A1TL

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<http://www.hitachi-metals.co.jp>

1. Feature

- Omni-directional
- **Wide Bandwidth**
- **High Gain**
- Small & SMD
- Easy to use (adjustment free)

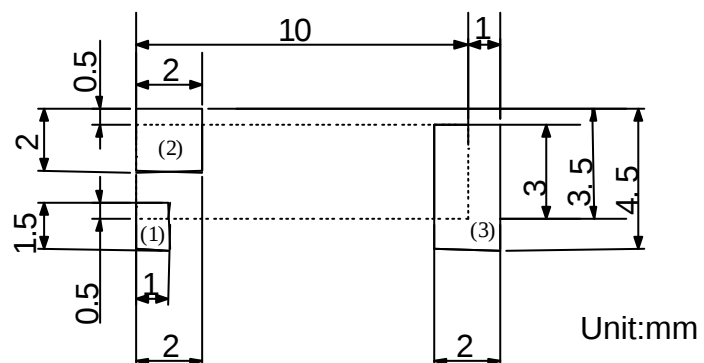
2. Dimensions

10mm x 3mm x 2mm

3.Specifications

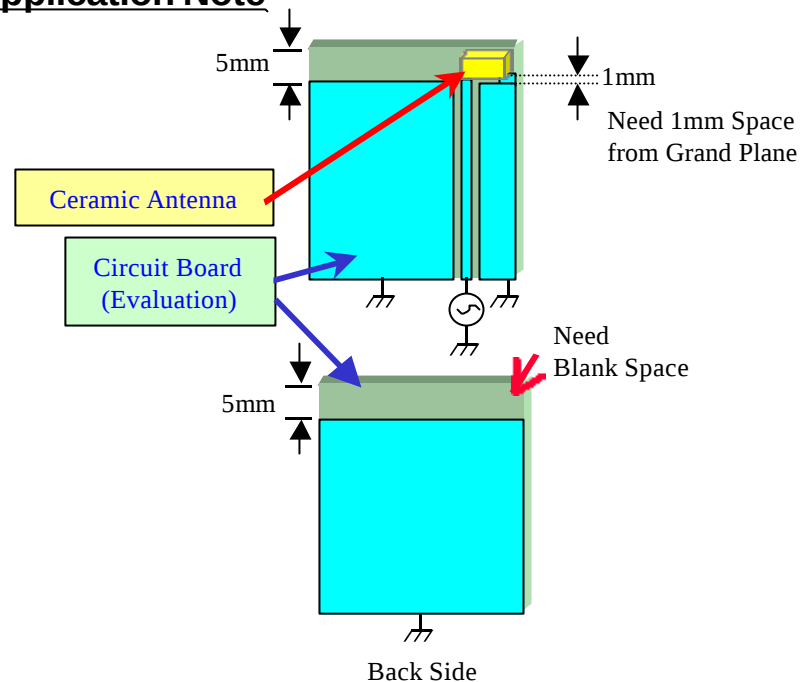
Frequency Range	2400 - 2484MHz
Band Width	160MHz (Typical Value)
VSWR	2.0 Max.
Gain	-4dBi
Input Impedance	50 Ohm

4.Foot Pattern



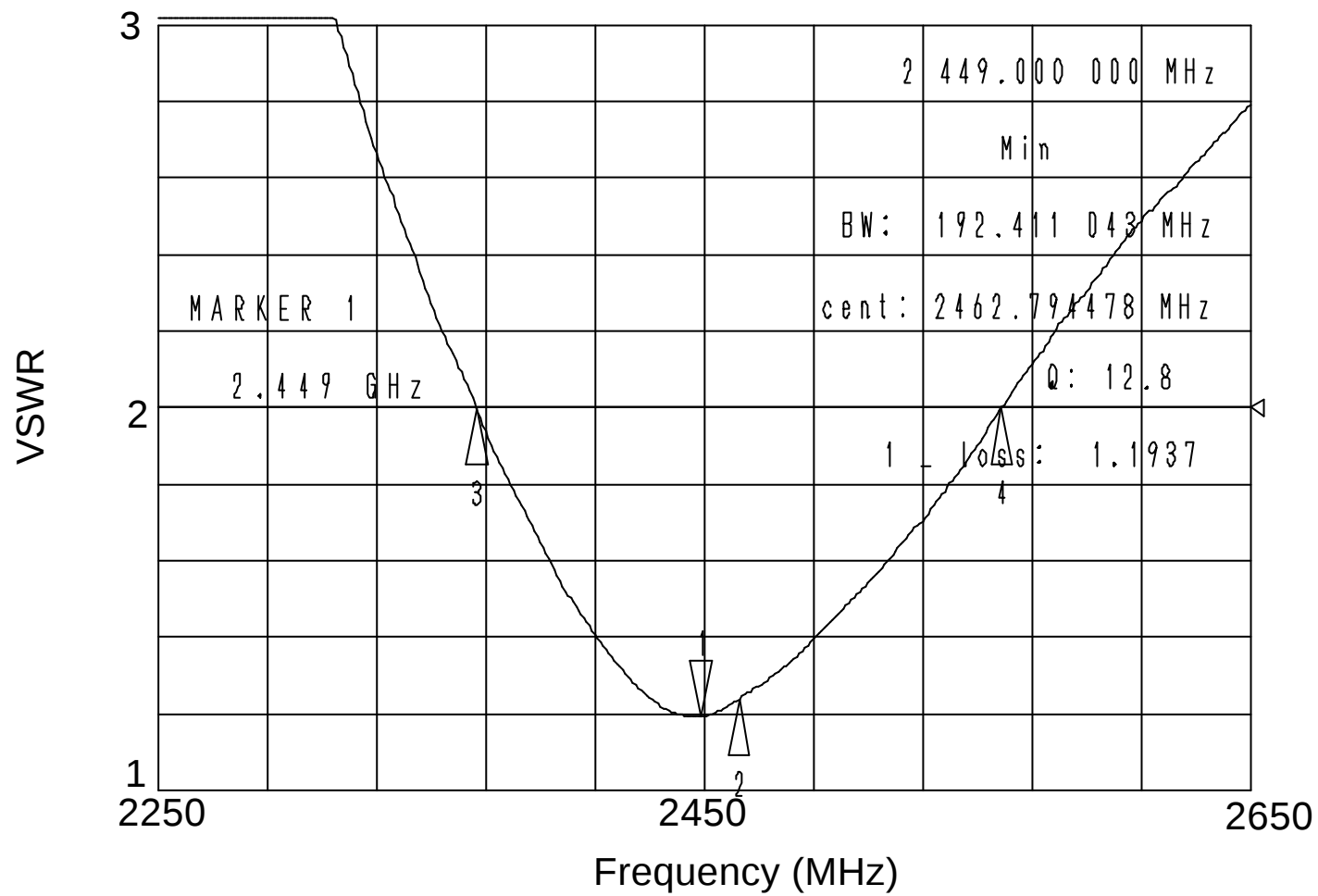
- (1) Signal
- (2) NC (Mount Point)
- (3) GND

5. Application Note



7. Measurement Data

7-1. VSWR vs. Frequency



7-2. Radiation Pattern and Gain

