



Specification

1.0 Introduction

This specification covers the dielectric ceramic patch antenna for 2400 ~2500 MHz. This product is named "2.4 GHz Band Dielectric Ceramic Patch Antenna".

2.0 Electrical characteristics

2.1 Electrical characteristics of antenna

No	Parameter	Specification
1	Center Frequency	2450MHz with 50mm ² GND Plane
2	Bandwidth	100 MHz min (VSWR 2:1)
3	VSWR	1.5 min (Center Frequency)
4	Antenna Gain (Toward Zenith)	+2.5 dBic (typ.) or more
5	Polarization	RHCP
6	Impedance	50 Ohms

Table 1

3.0 Environmental conditions

3.1 Operating conditions

The antenna has the electrical characteristics given in Tables 1 in the temperature range of -30 °C to +85 °C and under the environmental conditions of +40 °C 0-95 % r.h.

3.2 Storage temperature range

The storage temperature range of product is -40 °C to +100 °C

4.0 Precautions for use

A silver electrode is used for the antenna pattern.

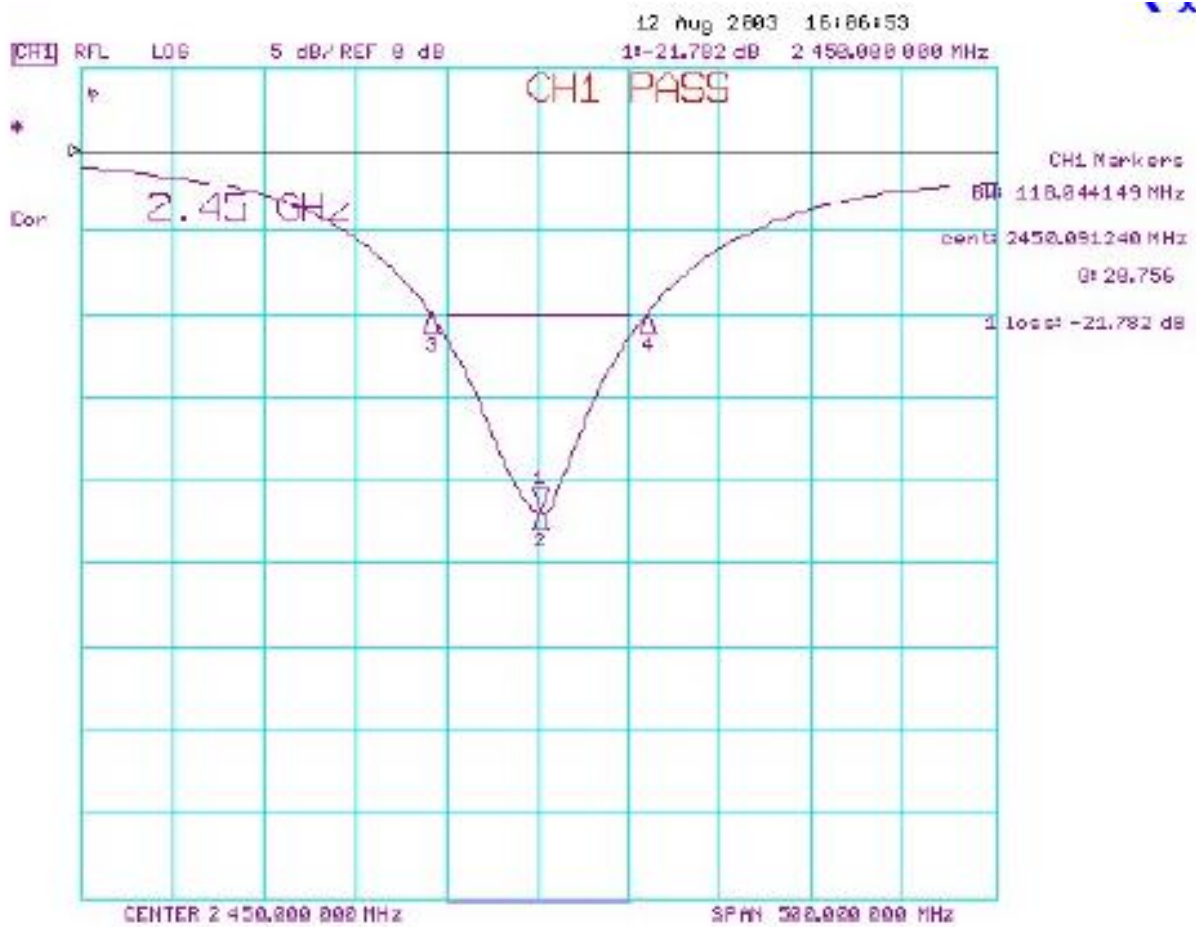
Please refrain from use of corrosive elements (sulfur gas, chlorine gas) in the atmosphere.

Please don't direct solder onto the silver electrode antenna pattern.



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Performance Measurement



Shape and Dimensions

