

**CHIP MULTILAYER ANTENNA FOR 2.4 GHz W-LAN / Bluetooth**

SAMPLE P/N: **ANT8030-2R4-01A**

**[MECHANICAL DIMENSIONS]**



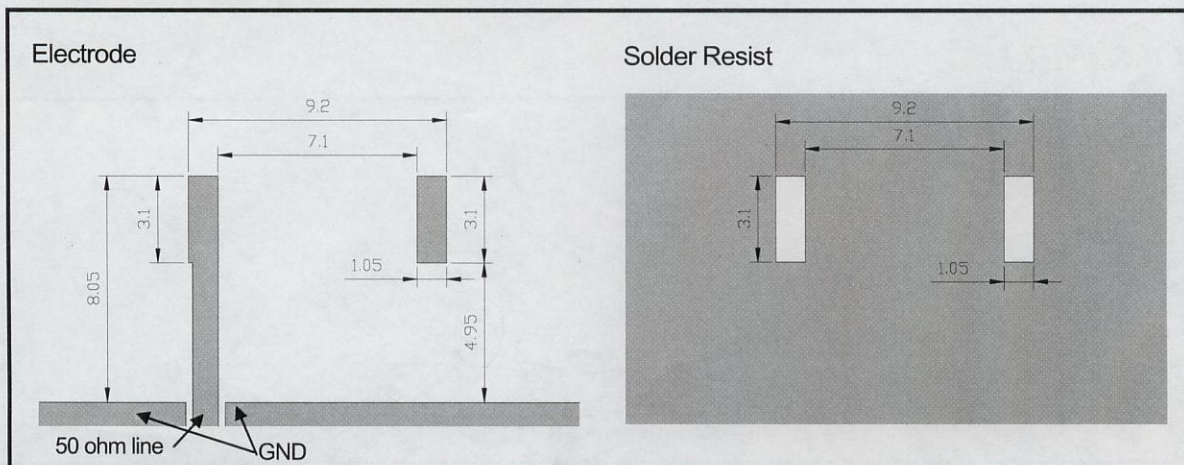
**[ELECTRICAL CHARACTERISTICS]**

PARAMETER		UNIT
Operation frequency	2.4 – 2.485	GHz
Polarization	Linear	NON
Antenna Gain	2 (Max)	dBi
Impedance	50	ohm
VSWR	2 (Max)	NON

Operating temperature	-40	+85	°C
Storage temperature	-40	+85	°C

Note: Please use the  $0dBi = -2.15dBd$  to convert antenna gain expressed in dBd.

**[RECOMMENDED PCB PATTERN]**

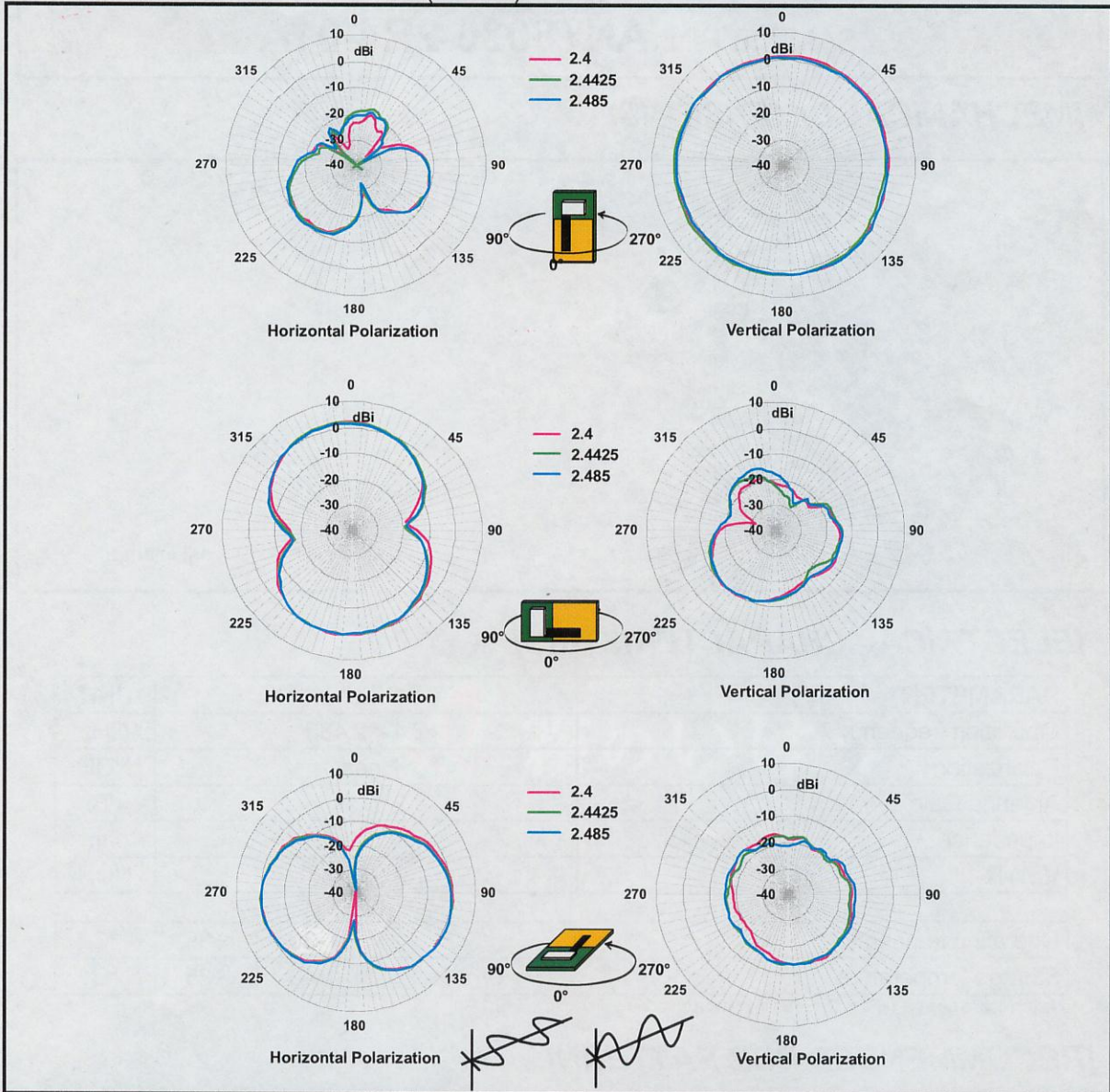


\*Note: This document is PRELIMINARY. All specifications are subject to change without notice and are not guaranteed.

# PRELIMINARY (under development)

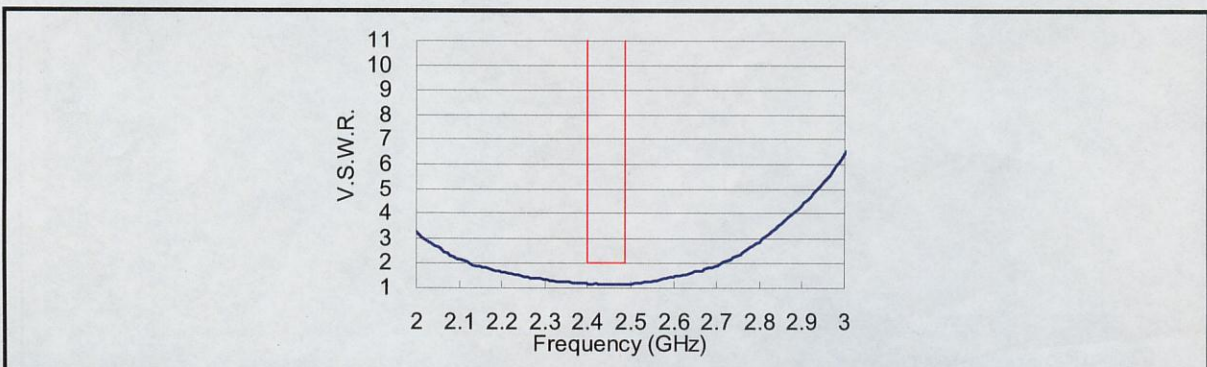
Feb./2003 Ver.1  
 TDK Corporation  
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- Item: ANT8030-2R4-01A
- Standard antenna: Standard dipole (Anritsu)
- Tx antenna: Horn (TECOM)



Note: Tested antenna has been soldered on 55x20 mm<sup>2</sup> PCB.

## [V.S.W.R.]



Note: Tested antenna has been soldered on 55x20 mm<sup>2</sup> PCB.

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