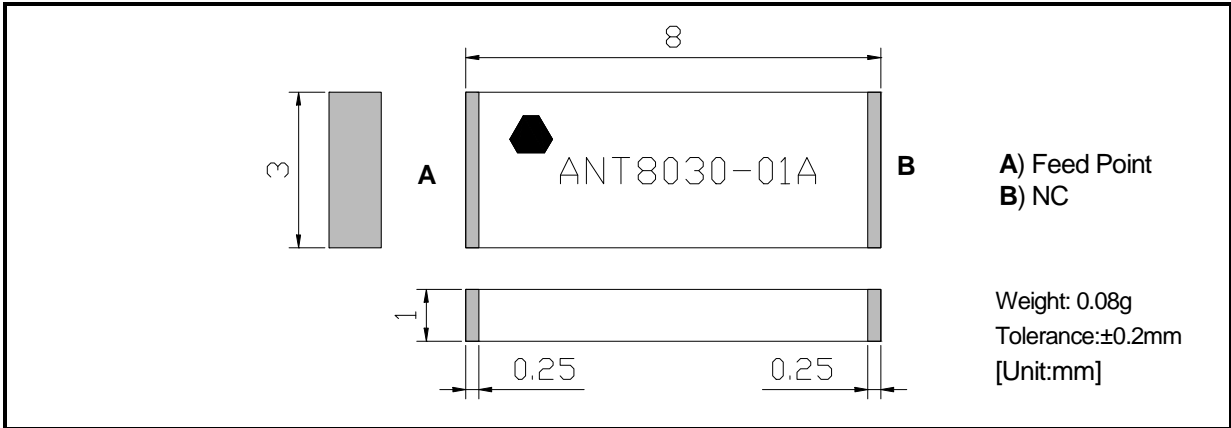


CHIP MULTILAYER ANTENNA FOR 2.4 GHz W-LAN / Bluetooth

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

[MECHANICAL DIMENSIONS]



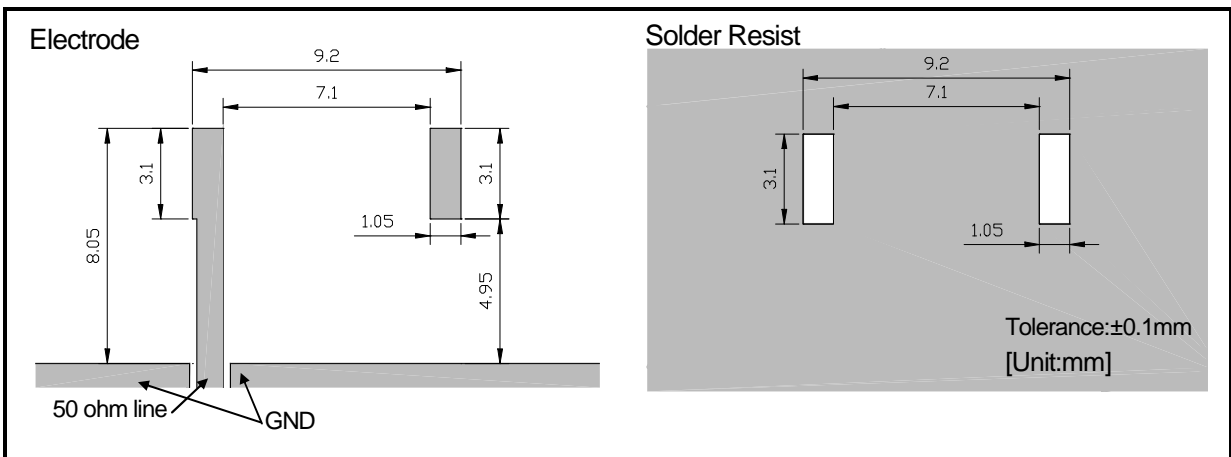
[ELECTRICAL CHARACTERISTICS]

PARAMETER	VALUE
Center frequency	2450 MHz
Bandwidth	100 MHz
Polarization	Linear
Antenna Gain	2 dBi (Max)
Impedance	50 ohm
VSWR	2 (Max)

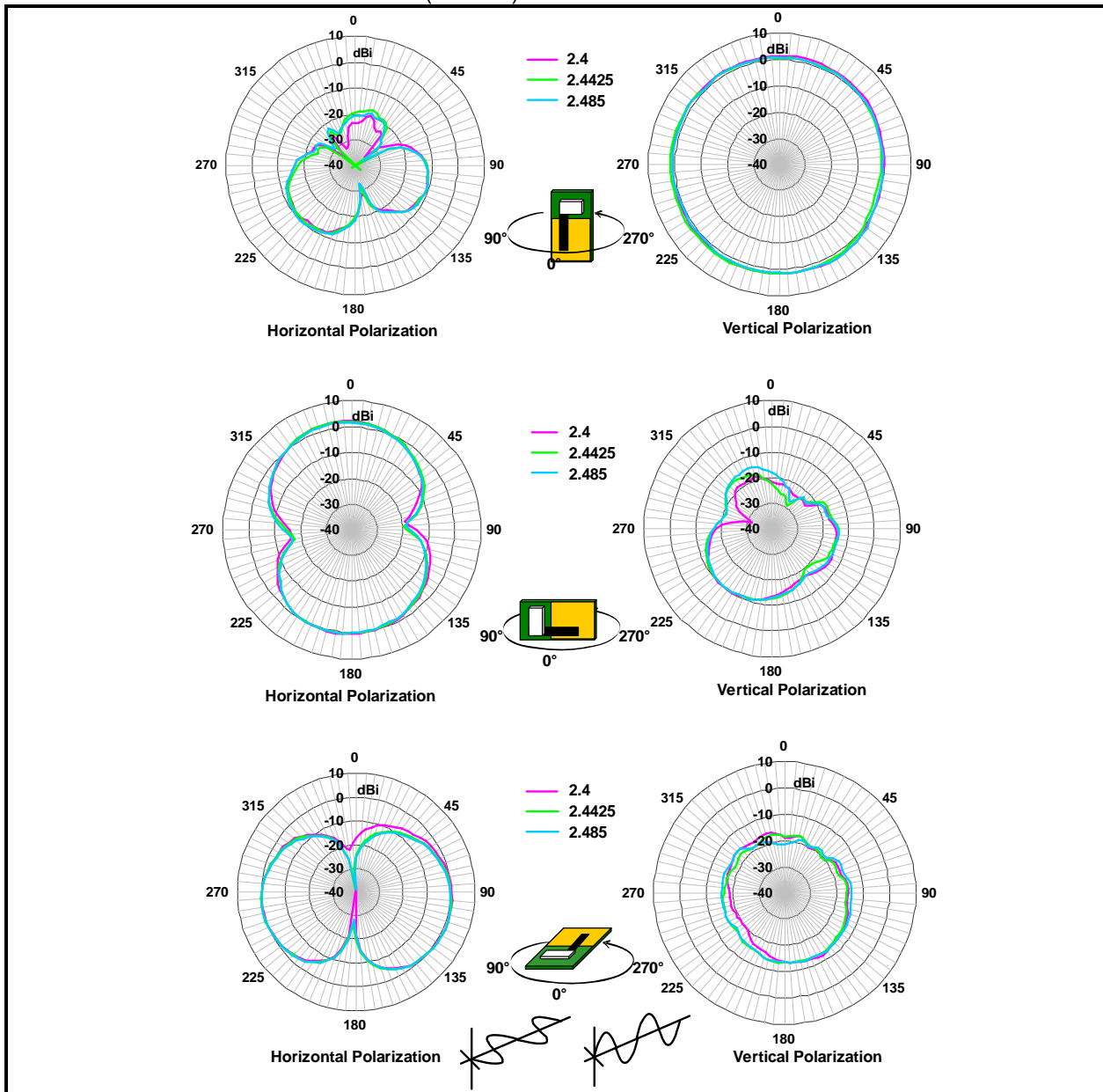
Operating temperature	-30	+85	℃
Storage temperature	-40	+85	℃

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

[RECOMMENDED PCB PATTERN]

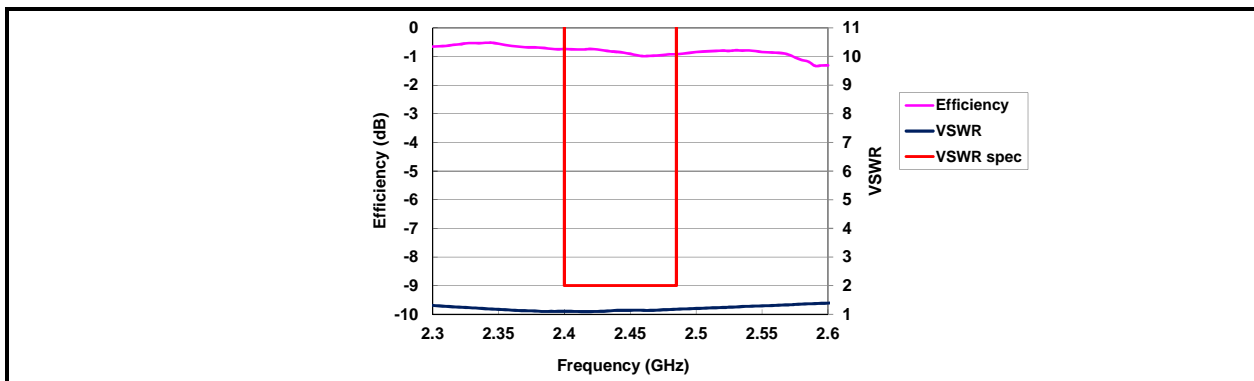


- Item: ANT8030-2R4-01A
- Standard antenna: Standard dipole (Anritsu)
- Tx antenna: Horn (TECOM)



Note: Tested antenna has been soldered on 55x20 mm² PCB.

[Efficiency and VSWR]



Note: Tested antenna has been soldered on 55x20 mm² PCB.

[ENVIRONMENT INFORMATION]

1. RoHS STATEMENT

ROHS Compliance

2. Non-Use of Halogen (Bromine and Chlorine)

“This part is not include the following substances or the substances are not contained above the inclusion threshold level.”

- Bromine(Br) \leq 900ppm*
- Chlorine(Cl) \leq 900ppm*
- (Bromine(Br)+Chlorine(Cl) \leq 1500ppm*)
(*certain homogeneous materials)