

## Tahoe BT2 Antenna Datasheet



### Specifications:

	<b>BT2</b>
<b>Antenna Manufacturer Name</b>	Auden
<b>Address</b>	No.19, Ln. 772, Heping Rd., Bade Dist., Taoyuan City 33463, Taiwan
<b>Manufacturers P/N:</b>	B53026-90
<b>Zebra P/N:</b>	P1110774-04
<b>Test Engineer</b>	Emma Huang
<b>Test dates</b>	2023-09-20
<b>Frequency Range</b>	2.4-2.5GHz
<b>Impedance</b>	50Ω
<b>VSWR</b>	2:1
<b>Cable/connector</b>	1.13 Coaxial Cable, MHF1L
<b>Cable loss</b>	-0.4dB
<b>Cable length</b>	30 mm
<b>Peak gain (dBi)</b>	2400MHz: 5.1 2450MHz: 5.3 2500MHz: 5.5
<b>Antenna type</b>	Monopole
<b>Polarization</b>	Linear
<b>Frequency vs Gain table (dB)</b>	2400MHz: -3.2 2450MHz: -3.1 2500MHz: -2.9
<b>Radiation Pattern</b>	2D - 3 planes Please refer below Figure1.
<b>Test Equipment HW &amp; SW</b>	HW: GTS2800 SW: Libra Version-3.0.3.1
<b>Test equipment Calibration Date</b>	2023-01-03
<b>Test Set up photos</b>	Please refer below Figure2.
<b>Test Description</b>	Put the DUT in GTS2800 and use Libra Version-3.0.3.1 to test antenna performance.

Figure1. Antenna Radiation Patterns (which shows peak gain):

2.45GHz:

