

Tahoe BT1 Antenna Datasheet



Specifications:

	BT1
Antenna Manufacturer Name	Auden
Address	No.19, Ln. 772, Heping Rd., Bade Dist., Taoyuan City 33463, Taiwan
Manufacturers P/N:	A73009-00
Zebra P/N:	P1110774-03
Test Engineer	Emma Huang
Test dates	2023-05-08
Frequency Range	2.4-2.5GHz
Impedance	50Ω
VSWR	2:1
Cable/connector	1.13 Coaxial Cable, MHF1L
Cable loss	-0.4dB
Cable length	51.5mm
Peak gain (dBi)	2400MHz: 3.2 2450MHz: 2.6 2500MHz: 1.7
Antenna type	Monopole
Polarization	Linear
Frequency vs Gain table (dB)	2400MHz: -2.3 2450MHz: -2.5 2500MHz: -2.7
Radiation Pattern	2D - 3 planes Please refer below Figure1.
Test Equipment HW & SW	HW: GTS2800 SW: Libra Version-3.0.3.1
Test equipment Calibration Date	2023-01-03
Test Set up photos	Please refer below Figure2.
Test Description	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:

