

[BT5 Antenna Datasheet](#)



Specifications:

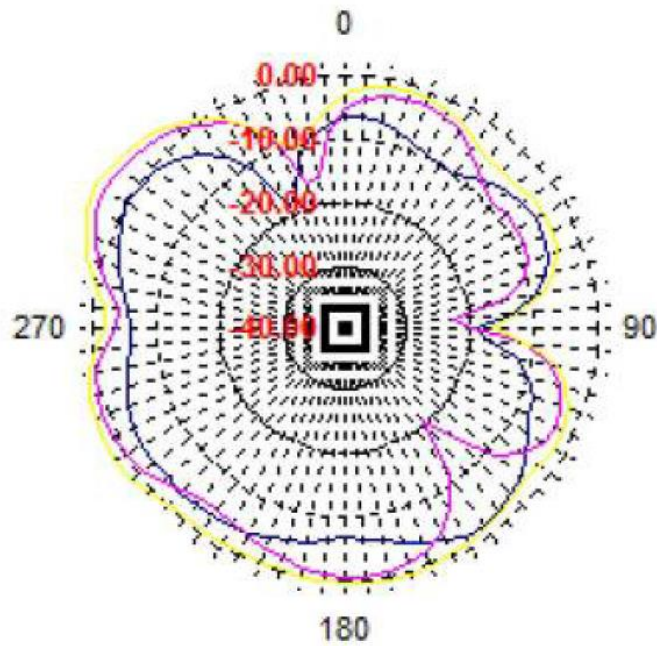
	BT5		
Antenna Manufacturer Name	Auden		
Address	No.19, Ln. 772, Heping Rd., Bade Dist., Taoyuan City 33463, Taiwan		
Manufacturers P/N:	220370-09		
Zebra P/N:	P1027365-101		
Test Engineer	Wesley Chang		
Test dates	2011-05-16		
Frequency Range	2.4-2.5GHz, 5.15-5.825GHz		
Impedance	50Ω		
VSWR	2:1		
Cable/connector	1.13 Coaxial Cable, MHF1L		
Cable loss	-0.4dB		
Cable length	89.88 mm		
Peak gain (dBi)	Frequency (MHz)	Horizontal (dBi)	Vertical (dBi)
	2400MHz	-1.35	2.77
	2450MHz	-0.44	3.66
	2500MHz	-1.37	3.81
	5150MHz	-0.89	2.18
	5350MHz	-0.54	2.71
	5470MHz	-0.93	2.73
	5725MHz	-0.89	3.19
	5825MHz	-0.61	2.69
Antenna type	Monopole		
Polarization	Linear		
Radiation Pattern	2D - 3 planes Please refer below Figure1.		
Test Equipment HW & SW	HW: ETS-Lindgren Chamber SW: EMQuest		
Test equipment Calibration Date	2011-01-02		
Test Set up photos	Please refer below Figure2.		
Test Description	Put the DUT in ETS chamber and use EMQuest to test antenna performance.		

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

2.45GHz:

OEM Name or other identification
Document Number: XXXX Rev: XX

2450 MHz



Centre Frequency	2450 MHz
Horizontal peak gain (dBi)	-0.44
Vertical peak gain (dBi)	3.66

Figure2.

