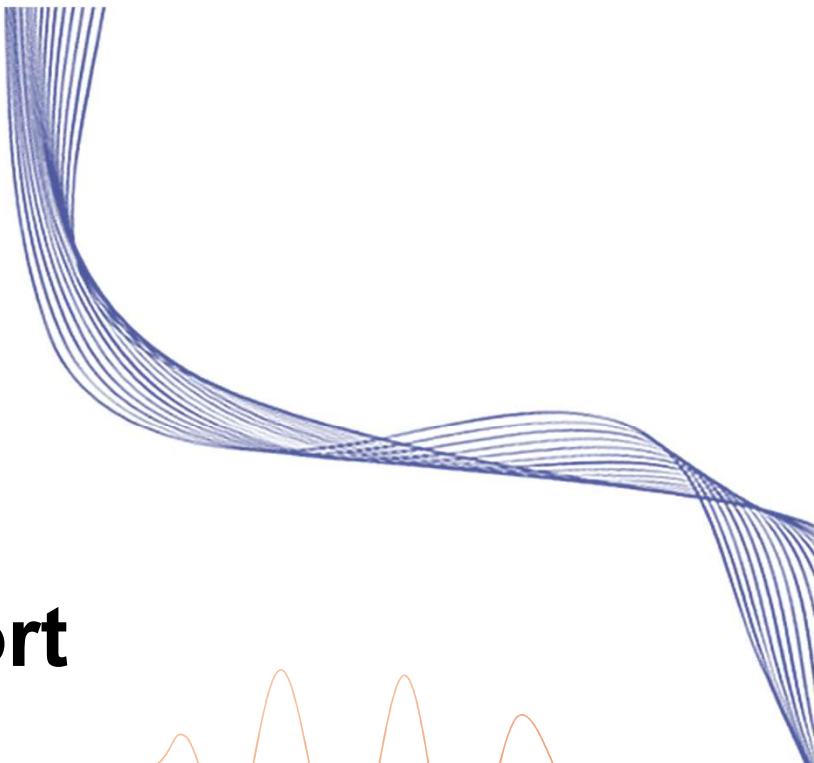




Yeti Tracker DVT Antenna Report

by

Ella Lin

SETUP CONDITION

Measured ports:

BLE-2.4G: 2402 ~ 2480 MHz

Antenna Model Name

Yeti_Tracker_BT

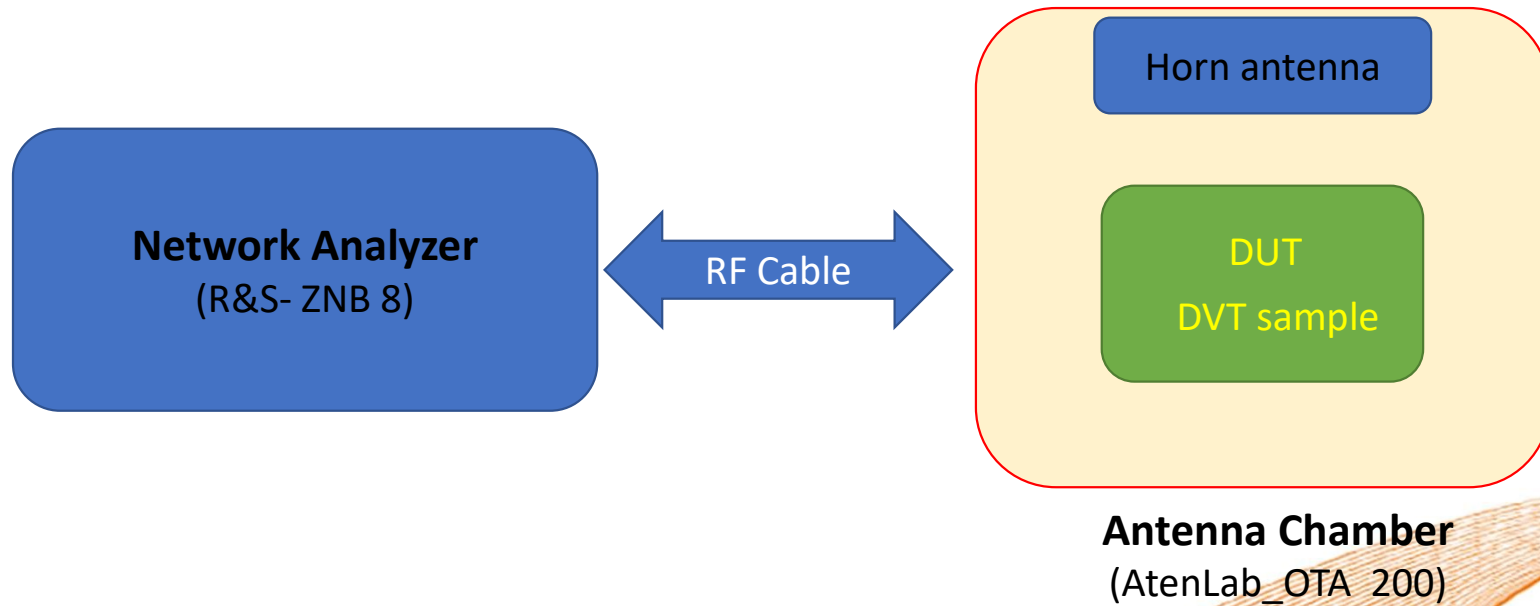
Antenna Type:

Monopole

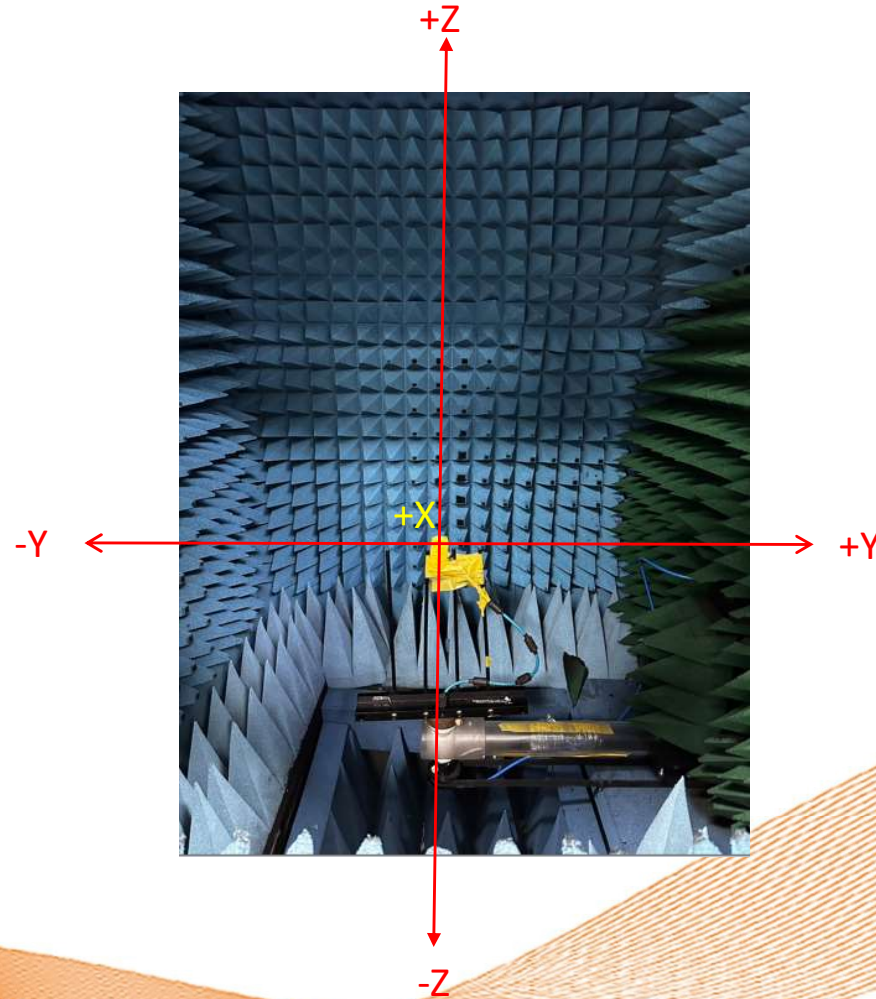
Manufacturer Address

1F, No.6, Hsin Ann Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan

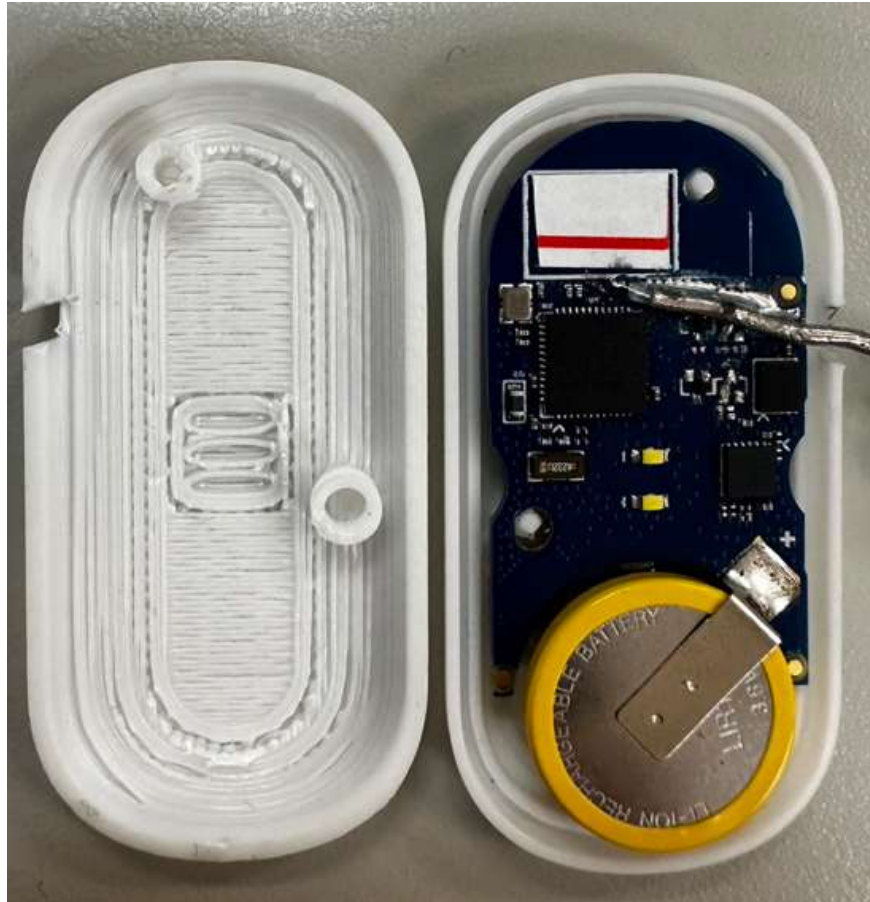
EQUIPMENT SETUP



Test setup



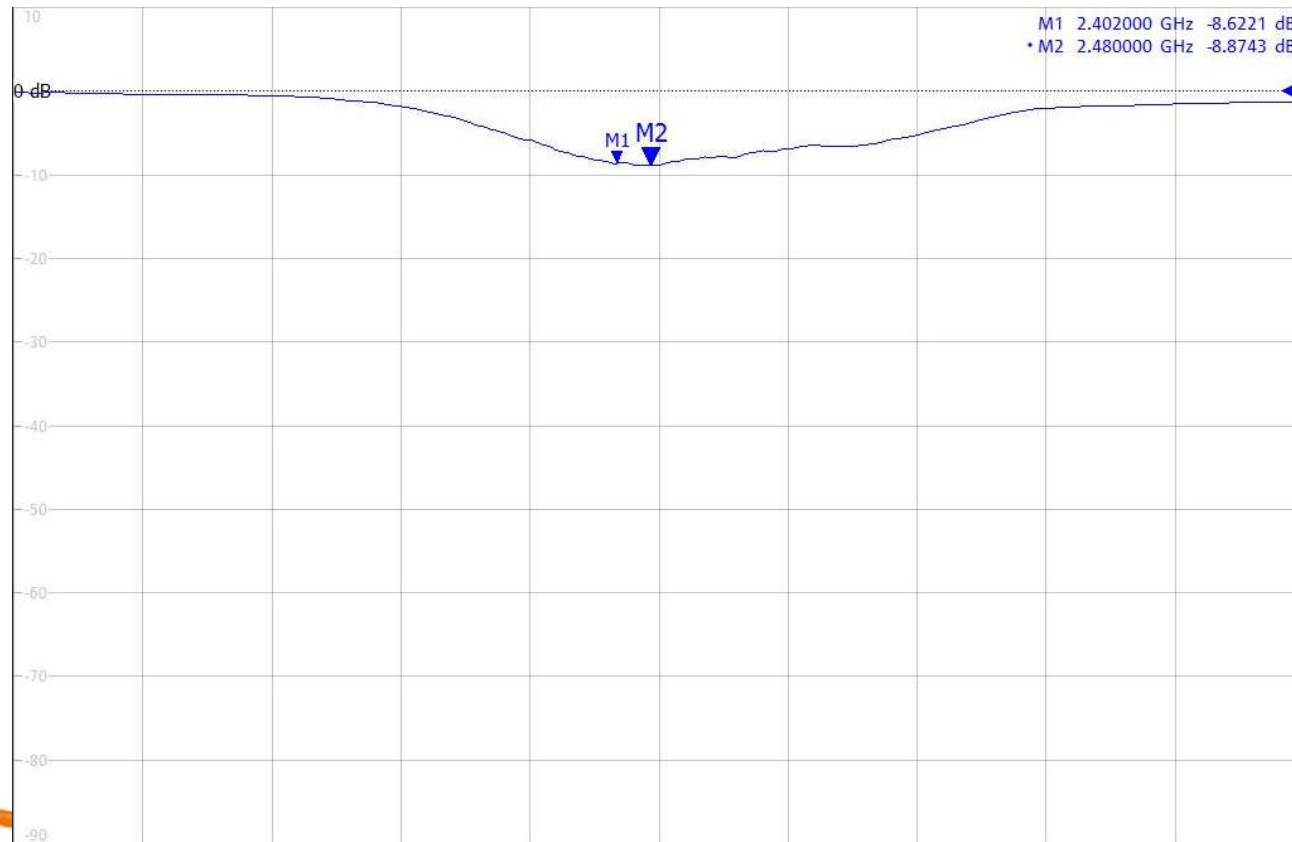
DVT sample



VSWR_BLE

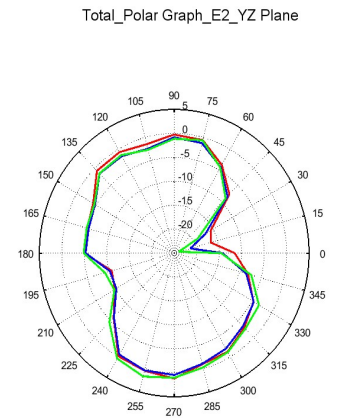
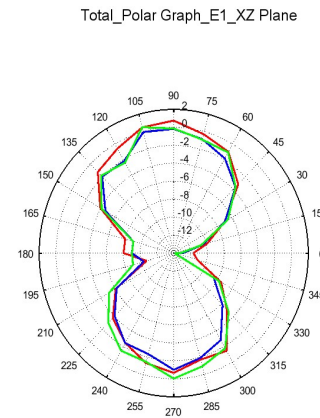
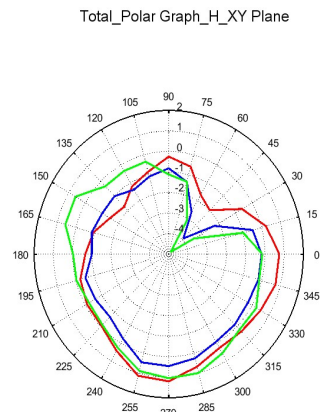


Return loss _ BLE

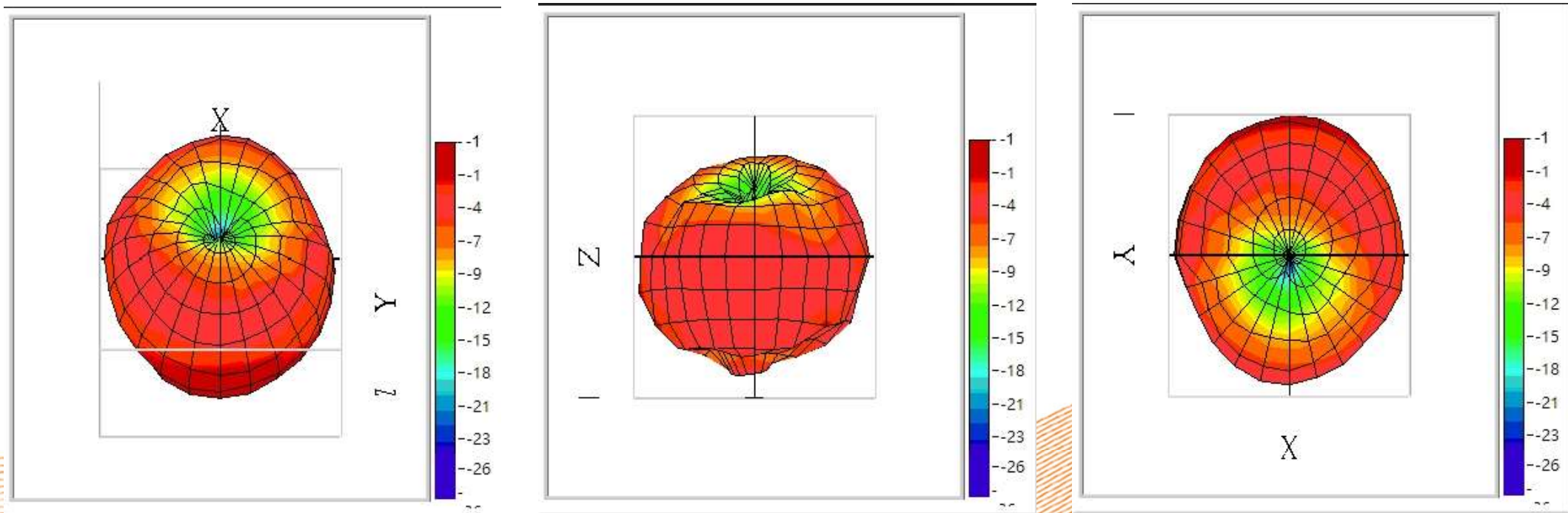


Radiation Pattern BLE

	Color	Freq./Chan.
1	Red	2.402GHz
2	Blue	2.442GHz
3	Green	2.48GHz



3D Radiation Pattern BLE @2442MHz



3D Gain of free space (Average)

BLE	Yeti		
	Frequency (MHz)	Gain (dBi)	Efficiency %
DVT	2.402G	-2.07	62.09
	2.442G	-2.55	55.59
	2.480G	-2.02	62.81

Summary

BLE	Average efficiency(%)	Average Gain(dBi)	Peak Gain(dBi)
DVT	60.16	-2.21	1.68