

## Antenna Measurement Report

Model:

MT-B1

Manufacturer:

Tyson Bioresearch. Inc.

Antenna Type:

PIFA

# Appendix A: Test results

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## 1. TEST RESULTS

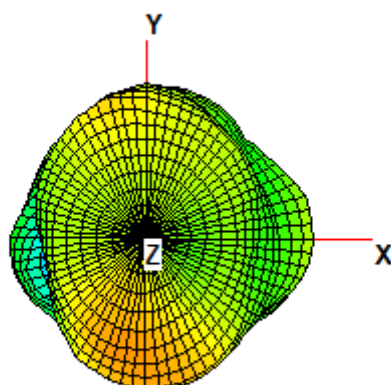
### 1.1 Summary

### 1.2 Antenna Passive

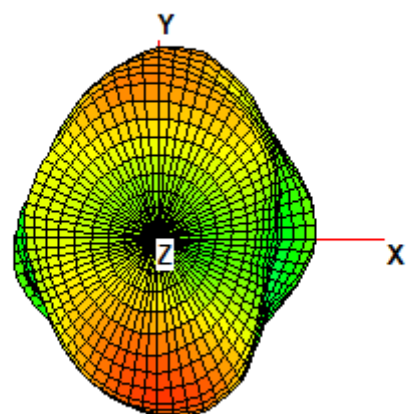
| Frequency<br>(MHz) | Tot.<br>Rad.<br>Pwr.<br>(dBm) | Peak<br>EIRP<br>(dBm) | Directivity<br>(dBi) | Efficiency<br>(dB) | Efficiency<br>(%) | Peak<br>Gain<br>(dBi) | NHPRP<br>$\pm\pi/4$<br>(dBm) | NHPRP<br>$\pm\pi/6$<br>(dBm) |
|--------------------|-------------------------------|-----------------------|----------------------|--------------------|-------------------|-----------------------|------------------------------|------------------------------|
| 2412               | -8.7                          | -4.8                  | 3.9                  | -8.7               | 13.6              | -4.8                  | -10.6                        | -12.4                        |
| 2450               | -8.3                          | -4.4                  | 3.8                  | -8.3               | 14.9              | -4.4                  | -10.1                        | -11.8                        |
| 2480               | -8.5                          | -5.0                  | 3.4                  | -8.5               | 14.2              | -5.0                  | -10.1                        | -11.7                        |

### 1.3 3D Plots

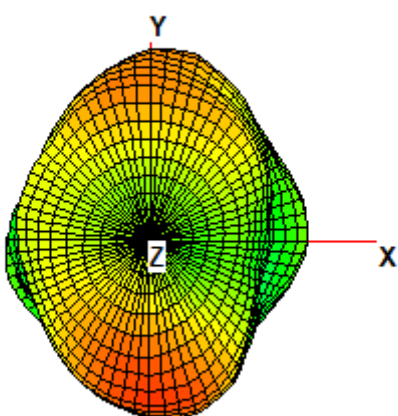
2412MHz



2450MHz

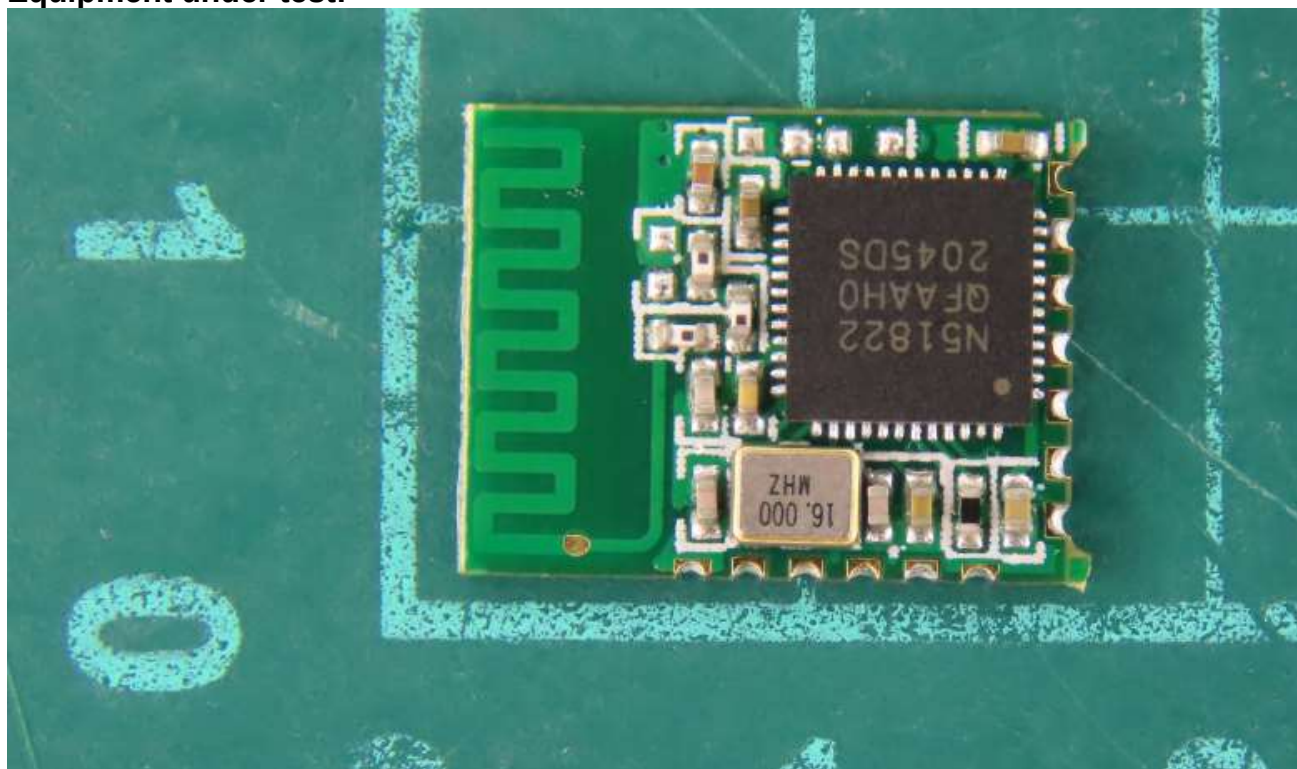


2480MHz

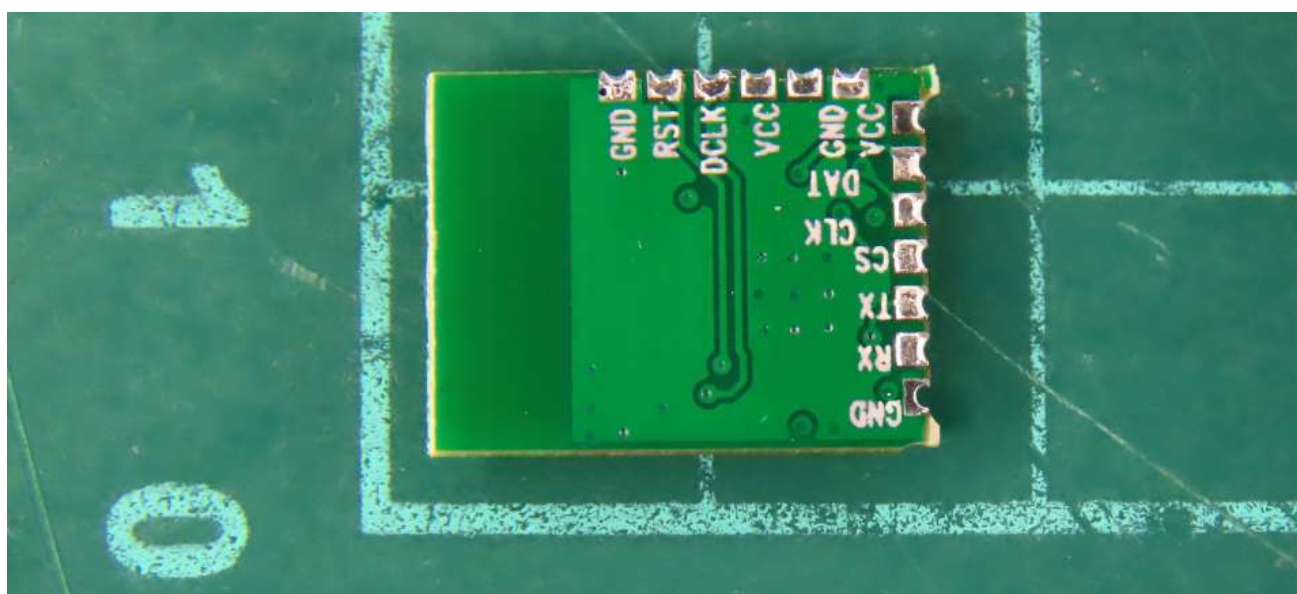


## 1.4 PHOTOGRAPHS

Equipment under test:



**Fig 1** EUT front view.



**Fig 2** EUT back view.