

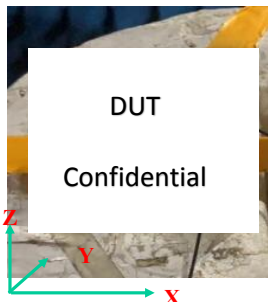
Ubiety Technologies, Inc
213 W Institute Pl, Chicago, IL 60610 USA

Model HC0100-ANT
Antenna Type Passive Antenna
Antenna PCB Antenna

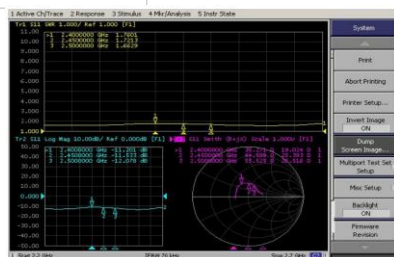
ANT0 BLE & 2.4G WIFI

1 - Free Space

Product placement method



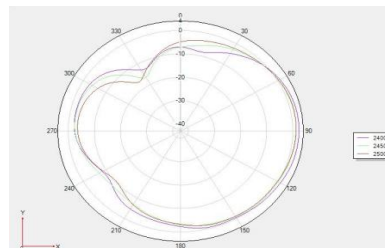
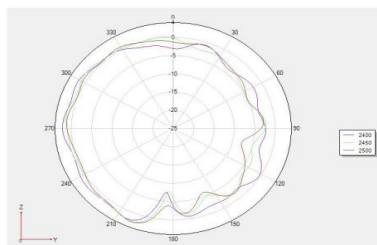
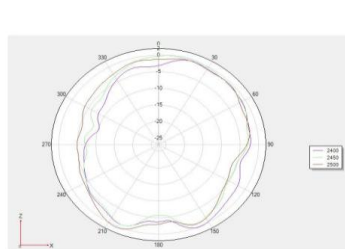
S11



Efficiency performance

Frequency / MHz	Efficiency / %	Gain/ dBi
2400	42.76	2.27
2410	45.29	2.28
2420	44.67	2.15
2430	42.56	2.17
2440	46.24	2.68
2450	44.36	2.42
2460	47.42	2.72
2470	44.77	2.48
2480	49.32	2.06
2490	45.29	2.44
2500	48.42	2.59

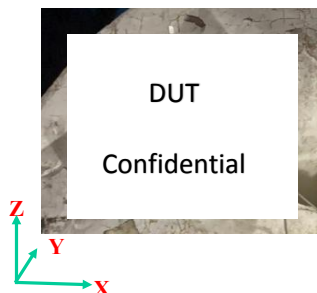
2D field pattern diagram



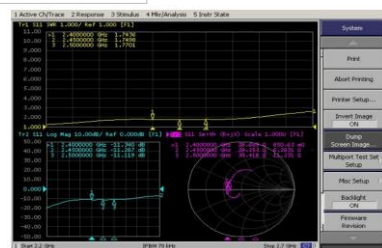
ANT1 BLE

1 - Free Space

Product placement method



S11

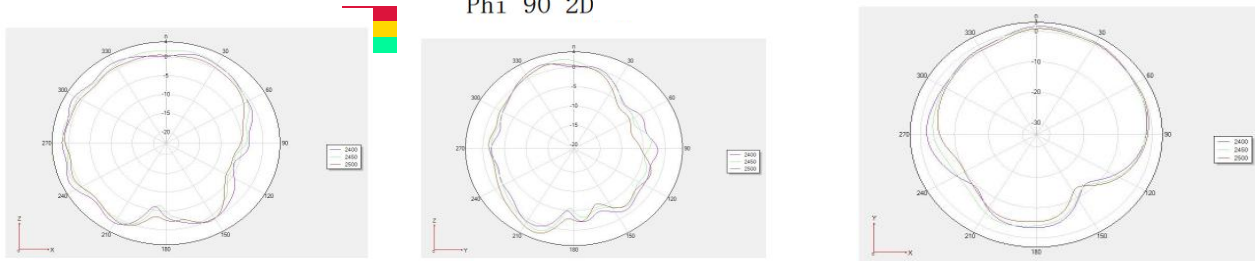


Efficiency performance

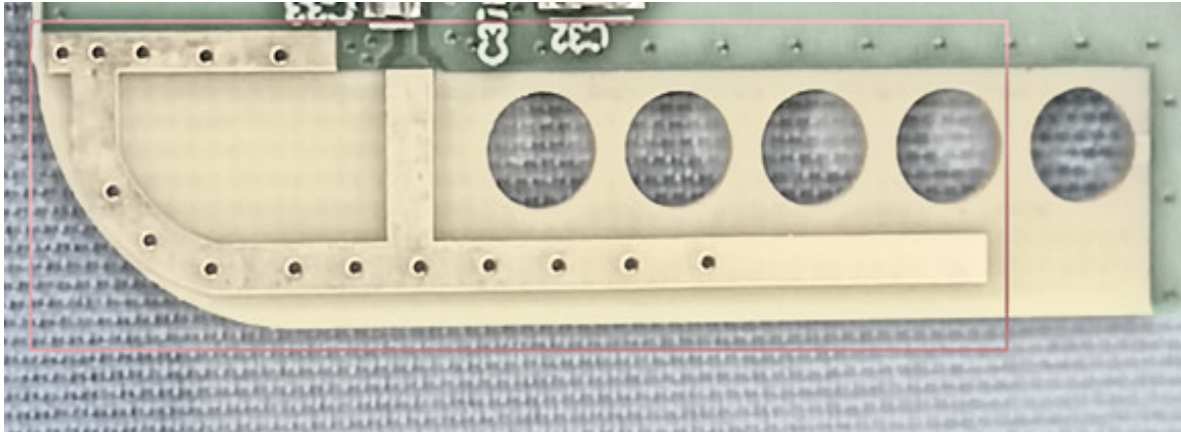
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	47.64	2.6
2410	50.93	2.59
2420	49.2	2.43
2430	47.75	2.32
2440	50.47	2.38
2450	48.87	2.39
2460	50.82	2.5
2470	48.42	2.49
2480	52.48	2.25
2490	48.75	2.7
2500	51.29	2.82

2D field pattern diagram

Phi 90 2D



ANT1 BLE



ANT0 BLE&2.4G WiFi

