

Shenzhen rich communication technology Co., LTD

Product Specification

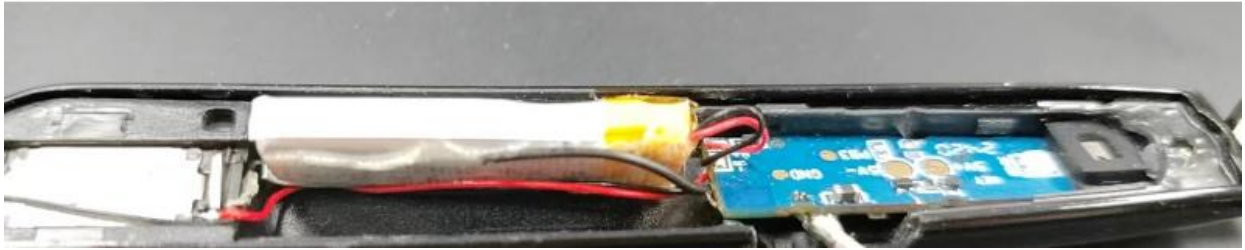
P/N: MLB

REV.: E13

Date: 2024/06/15

Protocol: RAO

Pr0duct Specification



Item	Antenna module on zhe system board	Comment
Freq. Range	2400-2500mhz	
Ant.Port Input Pwr. (dBm)	-2.57 (Typ.BT class 2 output power)	
Tot.Rad.Pwr.(dBm)	-1.01db (Input pwr-loss pwr)	
Efficiency(dB)	15.5%	
Gain(dBi)	-1.01	
Input Impendence(ohm)	50	
Polarization Type	V ertical Horizontal	
V.S.W.R	<3.0	

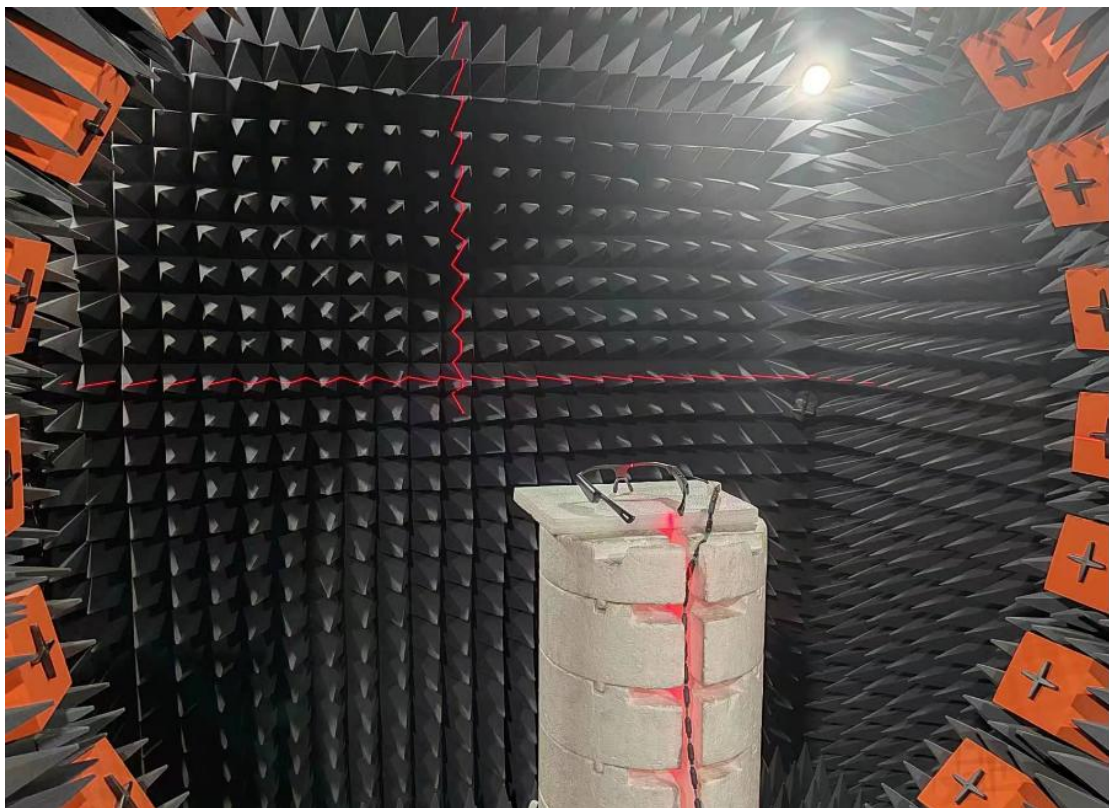
1.SIMITH/LOSS



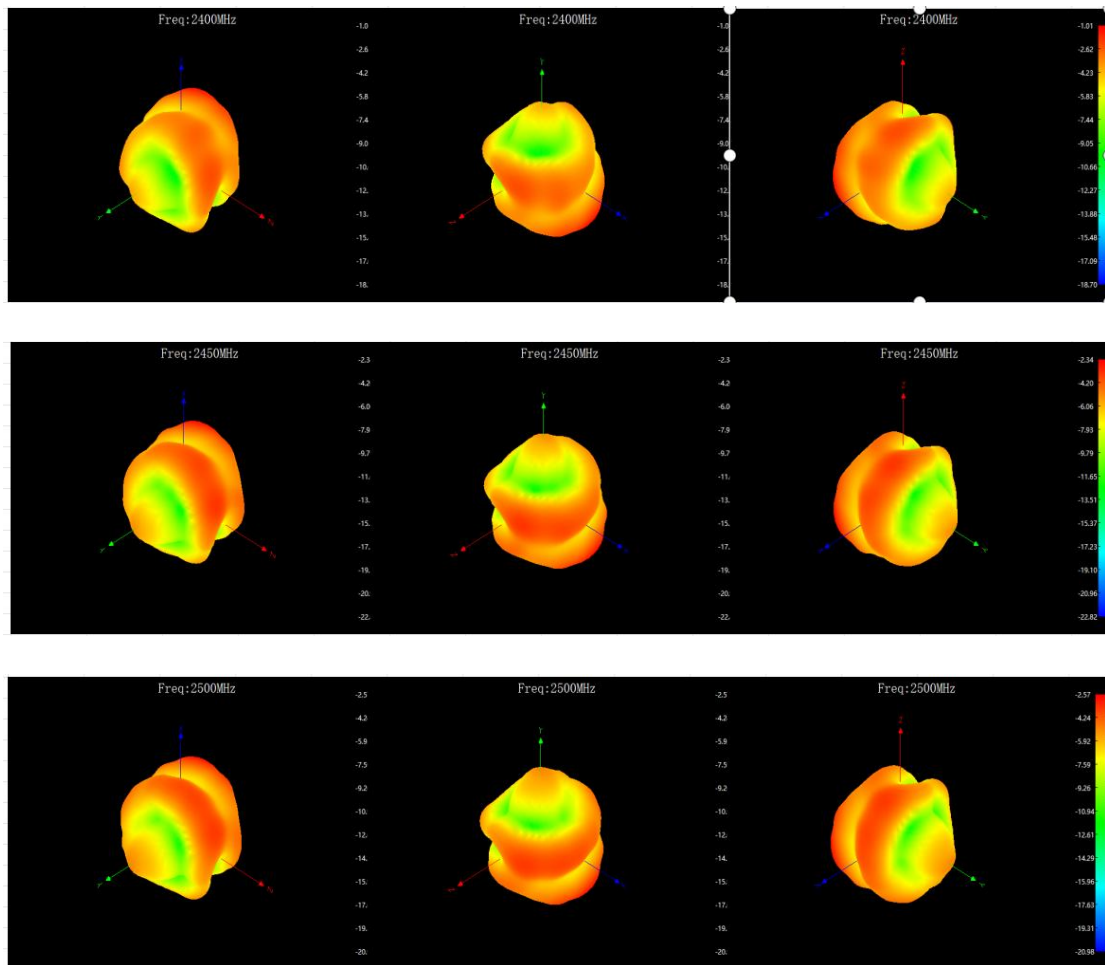
2、Efficiency Gain Table

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	-1.01	22.44
2410	-1.17	21.09
2420	-1.62	19.23
2430	-1.63	19.72
2440	-1.99	19.14
2450	-2.34	18.16
2460	-2.14	18.88
2470	-2.27	18.32
2480	-2.47	17.18
2490	-2.51	16.79
2500	-2.57	16.94

3、The Environment of Antenna Radiation Pattern

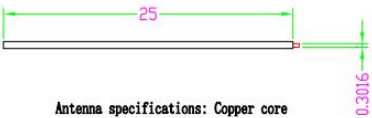


4、3D radiation pattern diagram



REV	LOC'T	DESCRIPTION OF CHANGE	CH'G BY	APP.BY	DATE

Unit: mm



Antenna specifications: Copper core
wire length 25 millimeters

Compliant with RoHS requirements

					UNIT IN MM	
				MODEL NO.	PROJ.CODE	
MATERIAL		DO NOT SCALE DRAWING		DESCRIPTION		
FINISH/COLOR		TOLERANCES UNLESS OTHERWISE SPECIFIED		E13		
		LINEAR TOL = .0005		PART NO.		REV.
		ANGULAR TOL = ±1/2°		CAD FILE		J1
 SCALE		DWG. DATE 221228		CHK. DATE		A4
				APP. DATE		
				SHEET 1 OF 1		