

Shenzhen rich communication technology Co., LTD

Product Specification

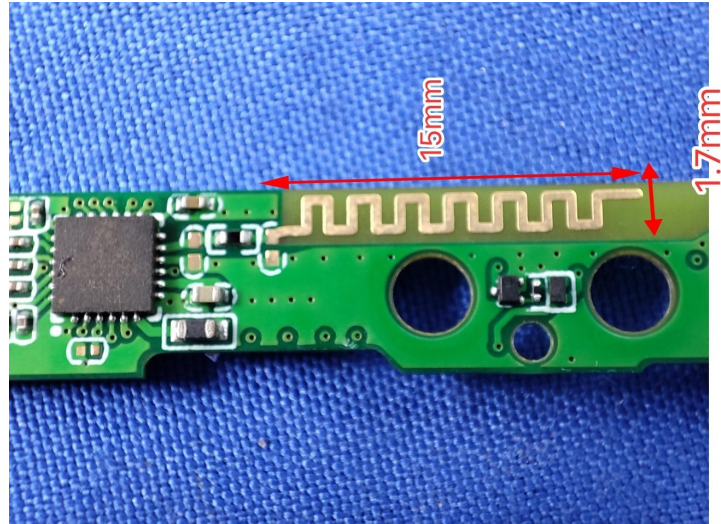
P/N: MLB

REV.: G02

Date: 2023/07/21

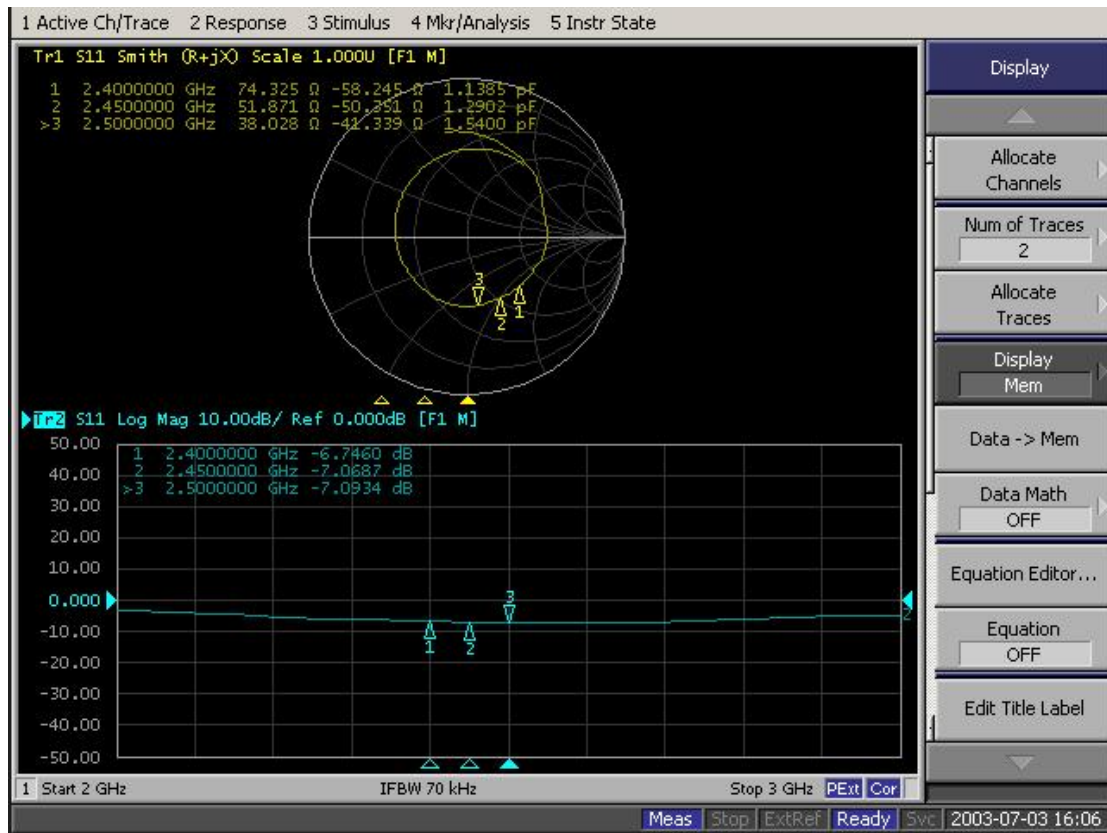
Protocol:

PrOduct Specification



Item	Antenna module on zhe system board	Comment
Freq. Range	2400-2500mhz	
Ant.Port Input Pwr. (dBm)	-5.5 (Typ.BT class 2 output power)	
Tot.Rad.Pwr.(dBm)	3db (Input pwr-loss pwr)	
Efficiency(dB)	14.4%	
Gain(dBi)	-4.67 (Peak Gain YZ-plane)	
Input Impendence(ohm)	50	
Polarization Type	V ertical Horizontal	
V.S.W.R	<3.0	

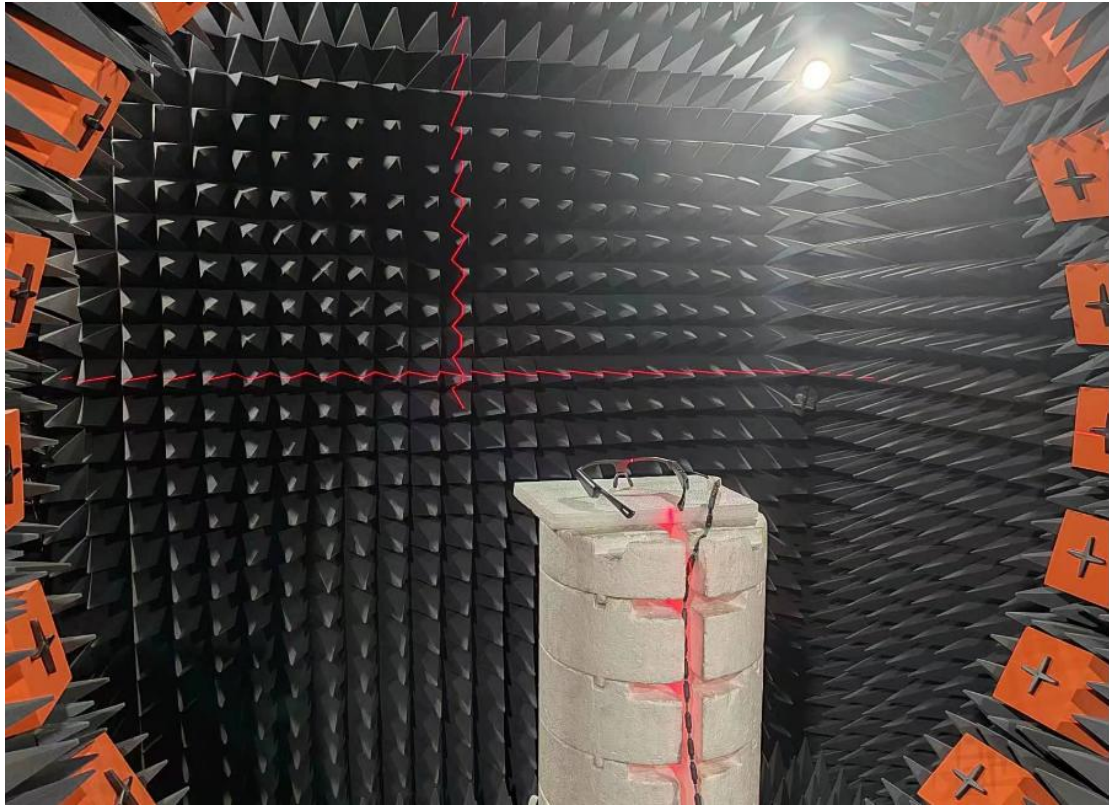
1. SIMITH/LOSS



2. Gain Table

Unit in dBi	XY-plane		XZ-plane		YZ-plane		Efficiency
	Peak	AVg	Peak	Avg	Peak	AVg	
@2.45GHz							
Module Board	-5.75	-10.91	-5.97	-10.43	-4.67	-8.33	14.4%

3、 TheEnvironment ofAntenna Radiation Patten



4、3D radiation pattern diagram

