

Antenna Specification

1. Antenna Description

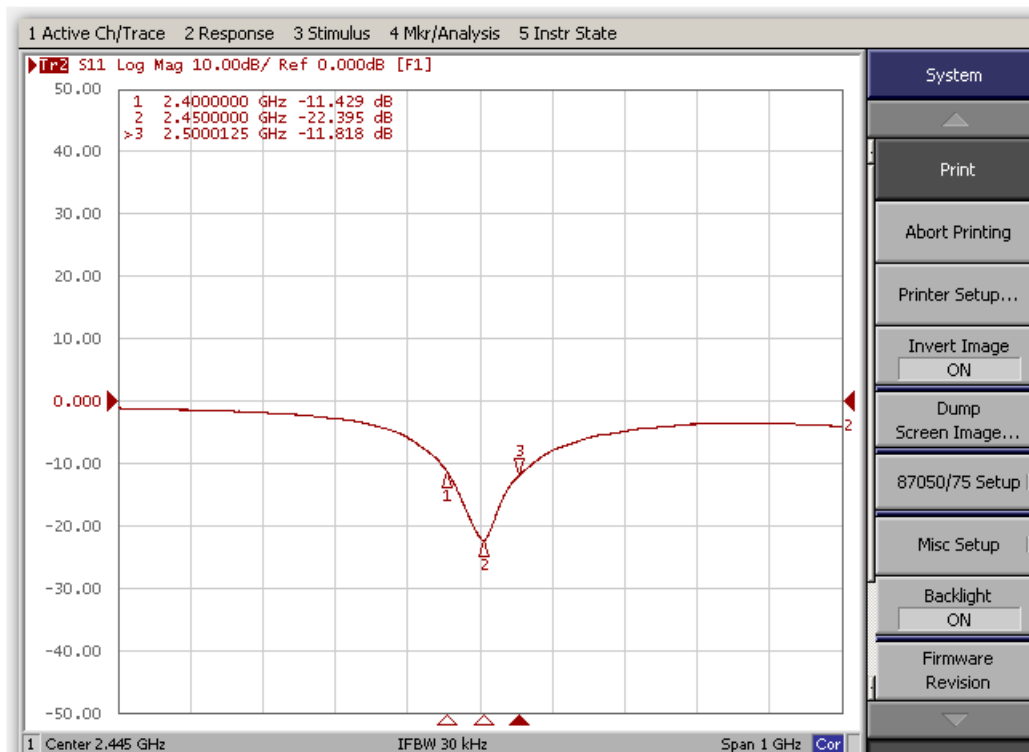
Antenna plate	Internal antenna
Market name/Model name	M-BTC
Manufacture	ZHEJIANG BOSS ELECTRONICS CO.,LTD
Add.	No 2189 JIASHAN ROAD, DAYUN INDUCTRIAL ZONE, JIAQSHAN, ZHEJIANG CHINA
Antenna Max. Gain	2.0 dBi typ.
Frequency Range	2400~2500MHz
Antenna Type	PCB Antenna
VSWR	1.1
Operating Temperature Range	-40 ~ +85 oC
Storage Temperature Range	40 ~ +85 oC
Storage Period	12 months max.
Power Capacity	2W max.

2. Picture of antenna

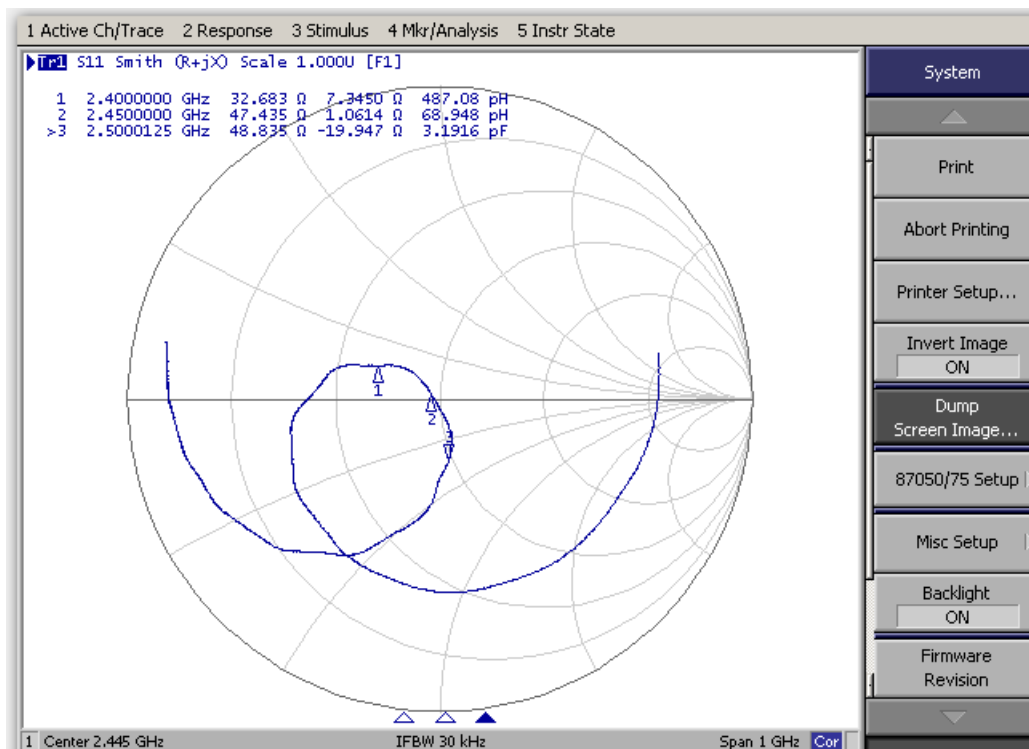


3. Measurement Result

3.1 Return Loss (S11)



3.2 Smith Chart

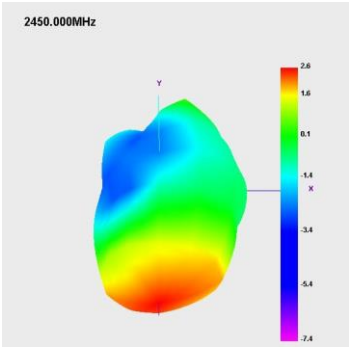


4. Antenna Radiation Pattern

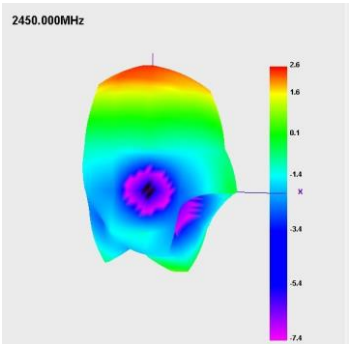
3D /2D Pattern

BT	CH	Effi %	Gain dBi
	2400	43.71	1.91
	2450	40.55	2.00
	2500	40.48	1.78

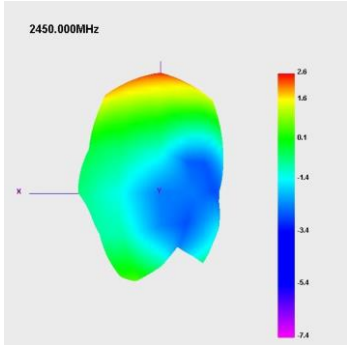
H plane



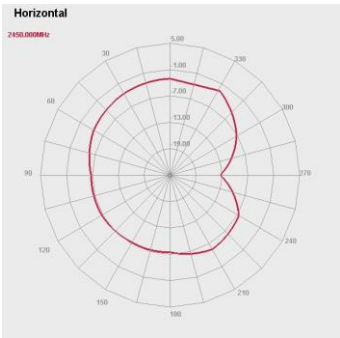
E1 plane



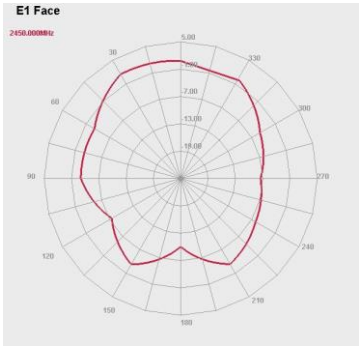
E2 plane



H plane



E1 plane



E2 plane

