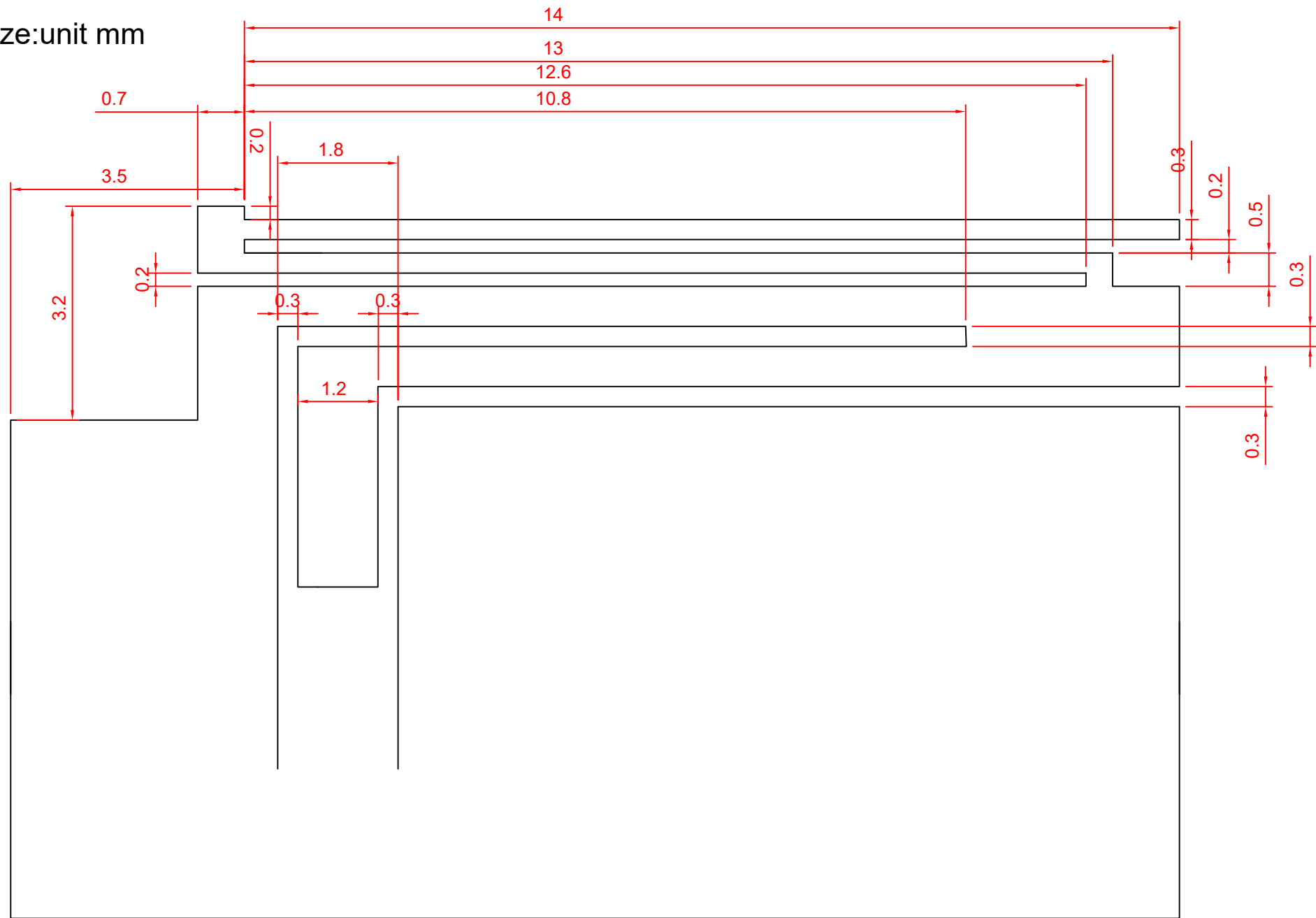


BLES100 Antenna Specification

Antenna size:unit mm



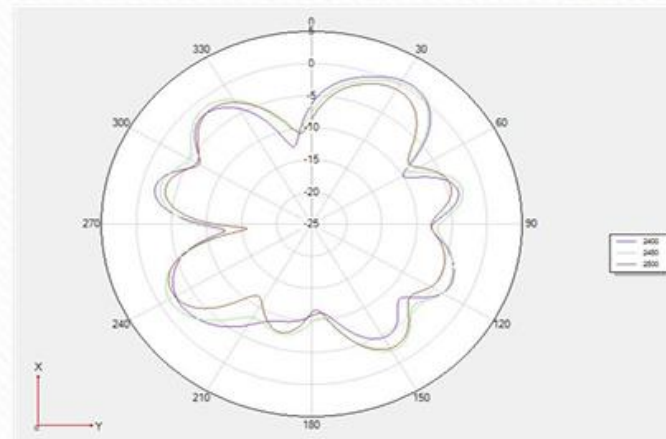
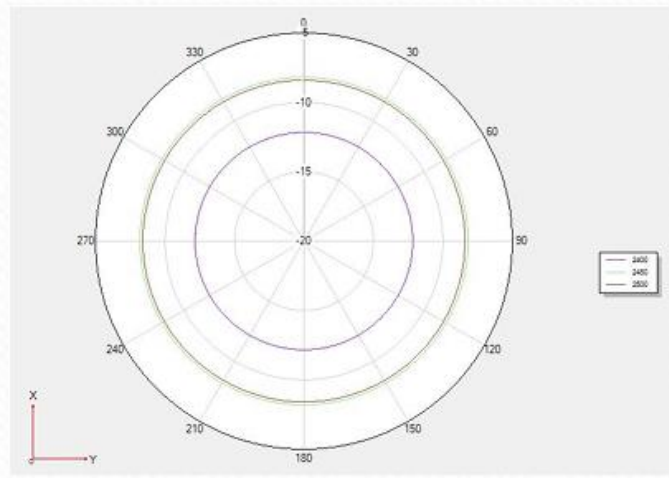
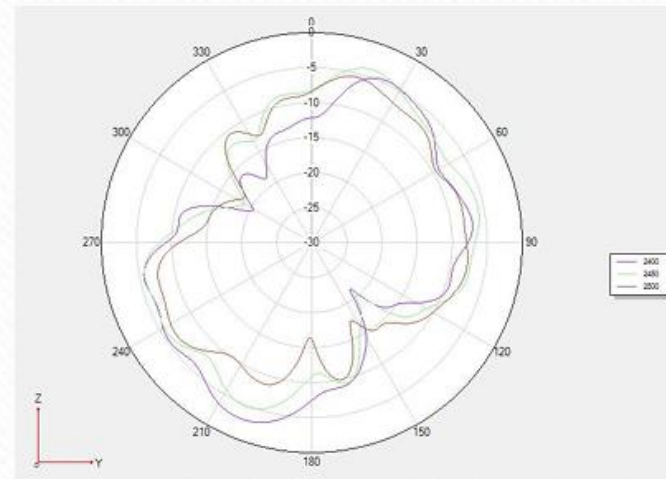
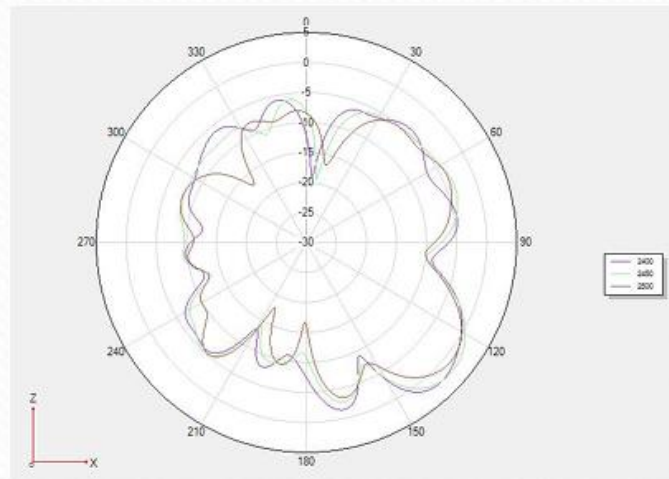
Passive S11



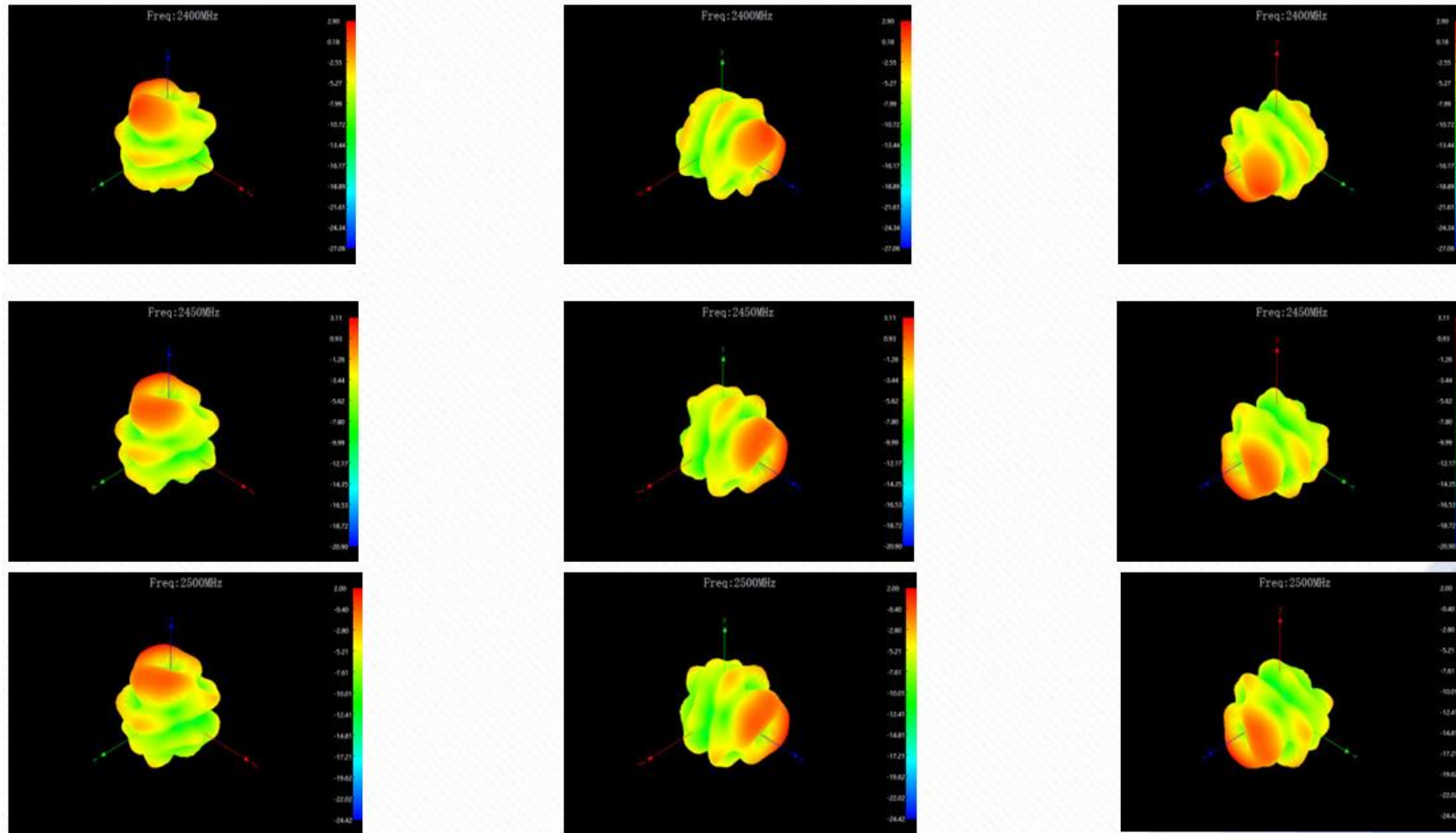
Efficiency/Gain of Passive Antenna

Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi	AvgGain/dBi
2400	-4.56	34.99	0.9	-4.56
2450	-3.94	40.36	1.11	-3.94
2500	-5.55	27.86	-0.1	-5.55

2D radiation pattern



3D radiation pattern



Active test data

Band	Channel	TRP	TIS
BLUETOOTH	0	2.67	-91.09
BLUETOOTH	19	3.8	-94.02
BLUETOOTH	39	2.52	-88.25

Manufacturer: Shenzhen Omni Intelligent Technology Co.,Ltd

Address of Manufacturer: 11th Floor, Building 31, Phase III, Lianchuang Technology Park, Nanwan Street, Longgang District, Shenzhen, Guangdong, China