

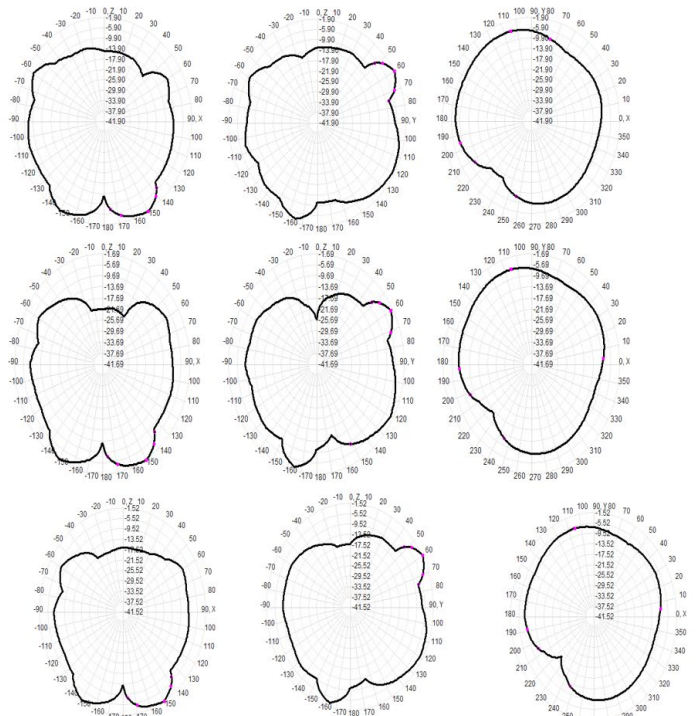
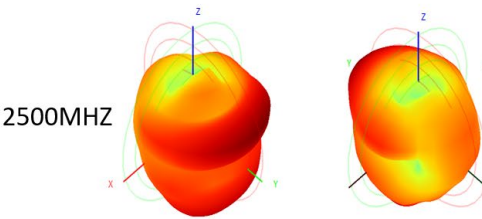
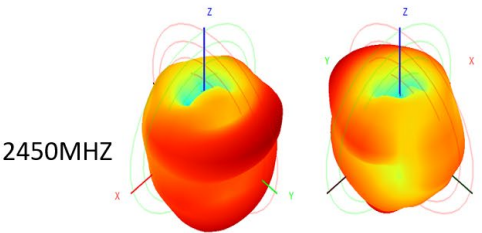
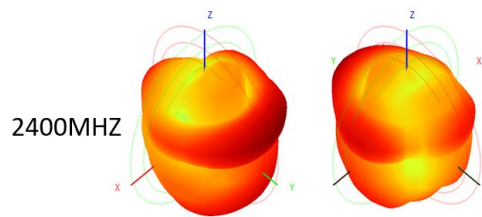
Antenna Specification

1. General Description

Manufacturer:	Shenzhen Guangyuanfa Electronic Co., Ltd.
Address:	D Building, Innovation Park, No. 16 Langshan Road, Songping Mountain Community, Xili Street, Nanshan District, Shenzhen
Product Name:	Safio Lock Turbo Lite
Product model:	B312US
Antenna type:	PCB Antenna,
Test Frequency:	Bluetooth: 2400-2500MHz RFID: 13.56MHz
Peak gain: (dBi)	Bluetooth Antenna: -0.51 dbi (FRONT) Bluetooth Antenna: -1.52 dbi (BLACK)

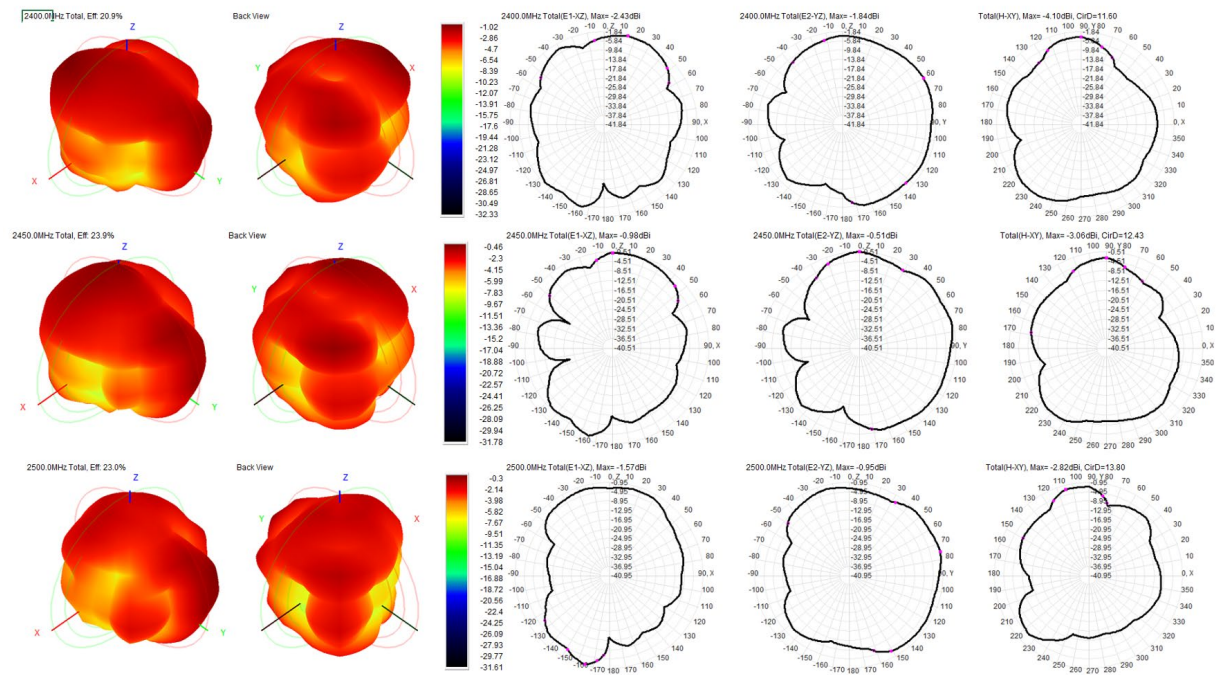
BACK-BT Antenna:

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-6.87	-1.90	20.57
2410.0	-6.78	-1.86	21.00
2420.0	-6.48	-1.85	22.48
2430.0	-6.47	-1.77	22.52
2440.0	-6.41	-1.97	22.88
2450.0	-6.28	-1.69	23.54
2460.0	-6.29	-1.77	23.52
2470.0	-6.32	-1.65	23.33
2480.0	-6.23	-1.65	23.83
2490.0	-6.25	-1.63	23.72
2500.0	-6.24	-1.52	23.76



FRONT-BT Antenna:

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-6.80	-1.84	20.90
2410.0	-6.83	-2.04	20.74
2420.0	-6.88	-1.86	20.49
2430.0	-6.74	-1.55	21.18
2440.0	-6.41	-1.11	22.83
2450.0	-6.22	-0.51	23.86
2460.0	-6.06	-0.54	24.80
2470.0	-6.00	-0.87	25.13
2480.0	-6.00	-0.63	25.12
2490.0	-6.28	-0.7	23.52
2500.0	-6.38	-0.95	23.04

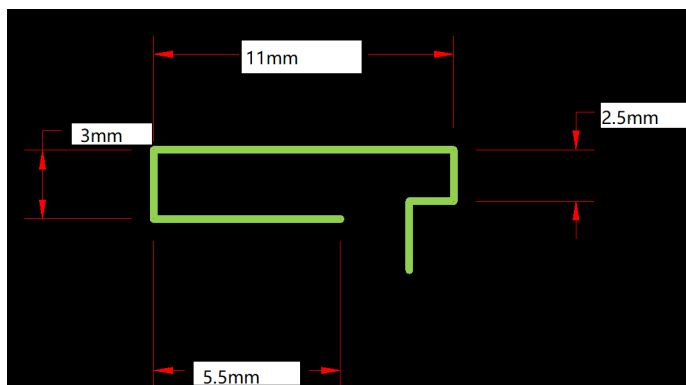


Antenna Dimensions

FRONT BT:



BLACK BT:



NFC ant.

