



# SA-7573 IOT HUB Test Report

2023-06-06

# ANT S-Parameter

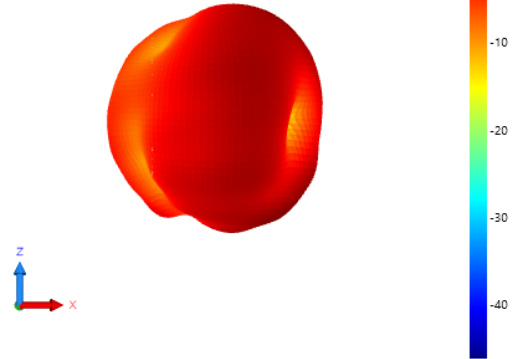


# Antenna Radiation Pattern [WIFI天線: 2.4GHz+5GHz]

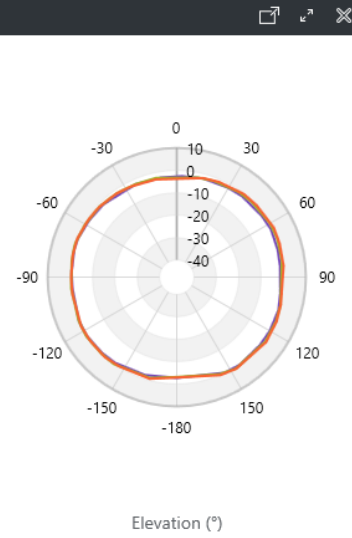
Dual band  
2.45GHz



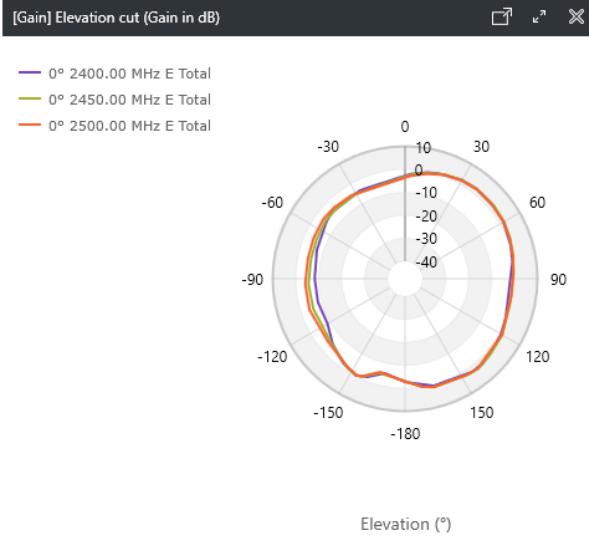
3D



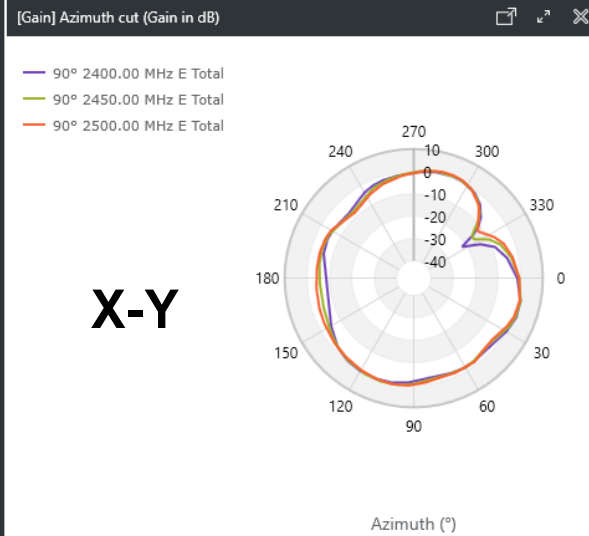
Z-Y



Z-X



X-Y

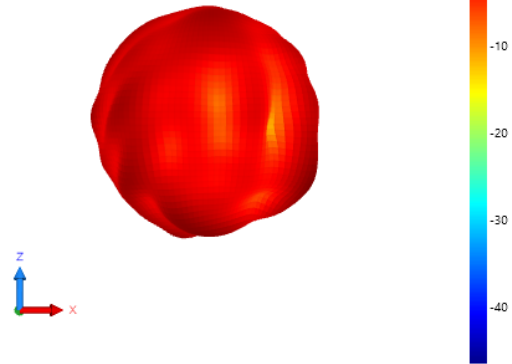


# Antenna Radiation Pattern [WIFI天線: 2.4GHz+5GHz]

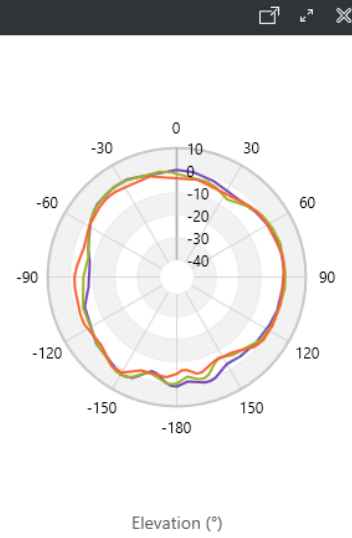
Dual band  
5.47GHz



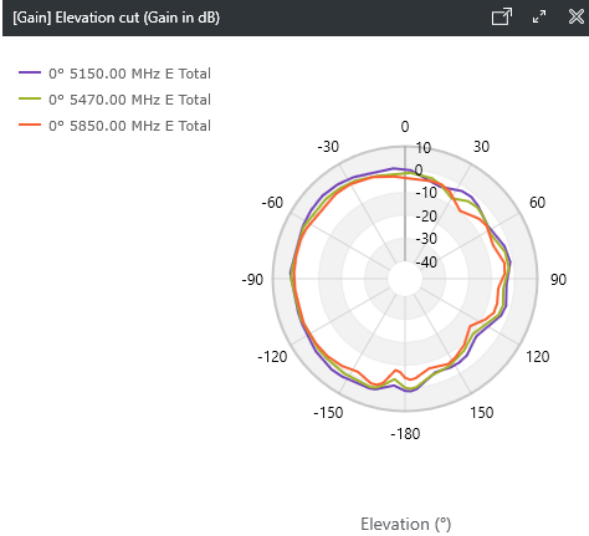
3D



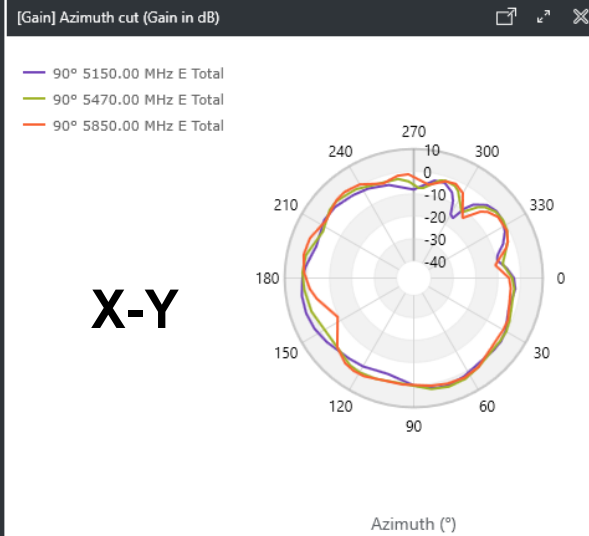
Z-Y



Z-X



X-Y

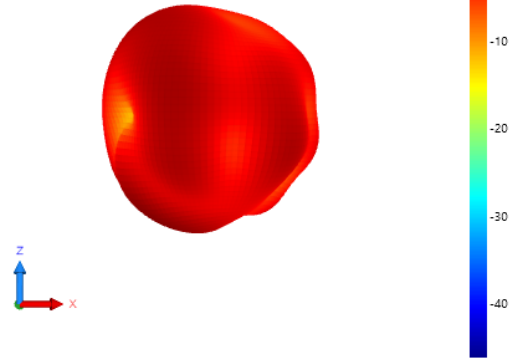


# Antenna Radiation Pattern [BLE天線: 2.4GHz]

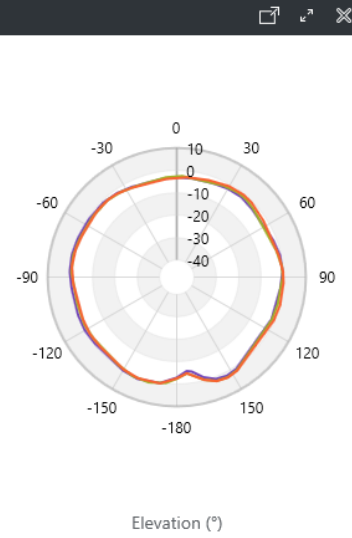


2.45GHz

3D



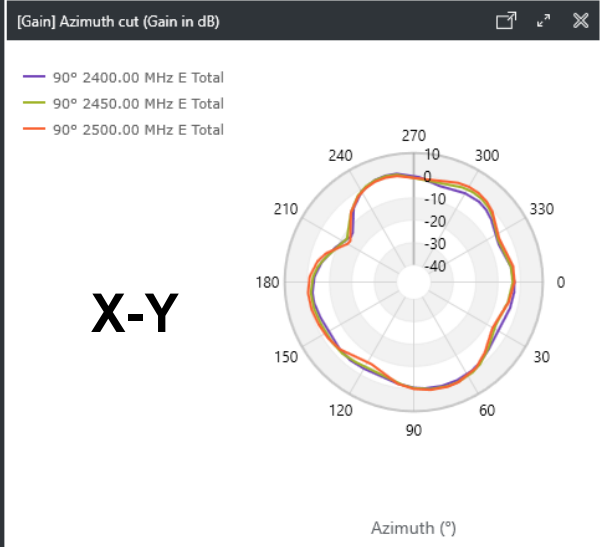
Z-Y



Z-X



X-Y





## Gain Table – Ant 1 [2+5G]

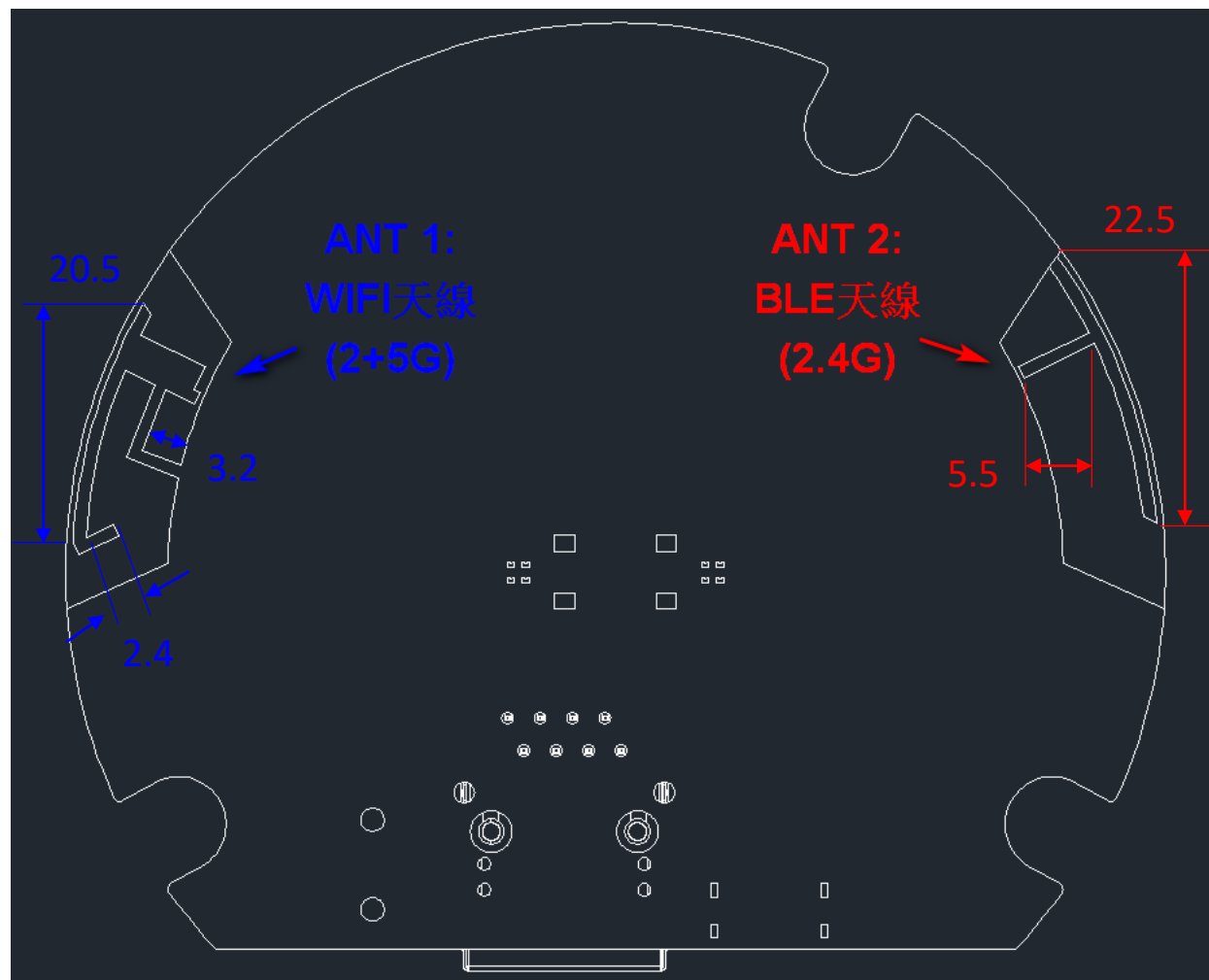
Frequency (MHz)	2400	2450	2500	5150	5470	5850
Efficiency(%)	77.00	79.00	80.00	88.00	86.00	78.00
Peak Gain(dBi)	3.98	3.86	4.08	3.73	3.65	2.97



## Gain Table – Ant 2 [2.4G]

Frequency (MHz)	2400	2450	2500
Efficiency(%)	71.00	74.00	78.00
Peak Gain(dBi)	3.26	3.83	4.20

# Antenna 尺寸示意圖

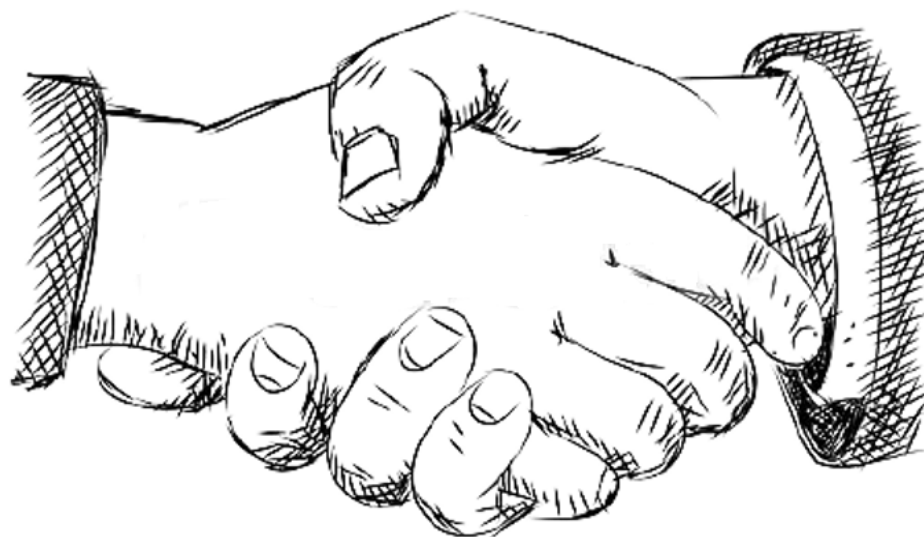


單位: mm





# Thank You!



碧擎科技有限公司  
Bi Qing Technology Co., Ltd.