

TBQC4100OV1

ANT_1

Antenna Product Specification

Rev 1.0

April, 2023

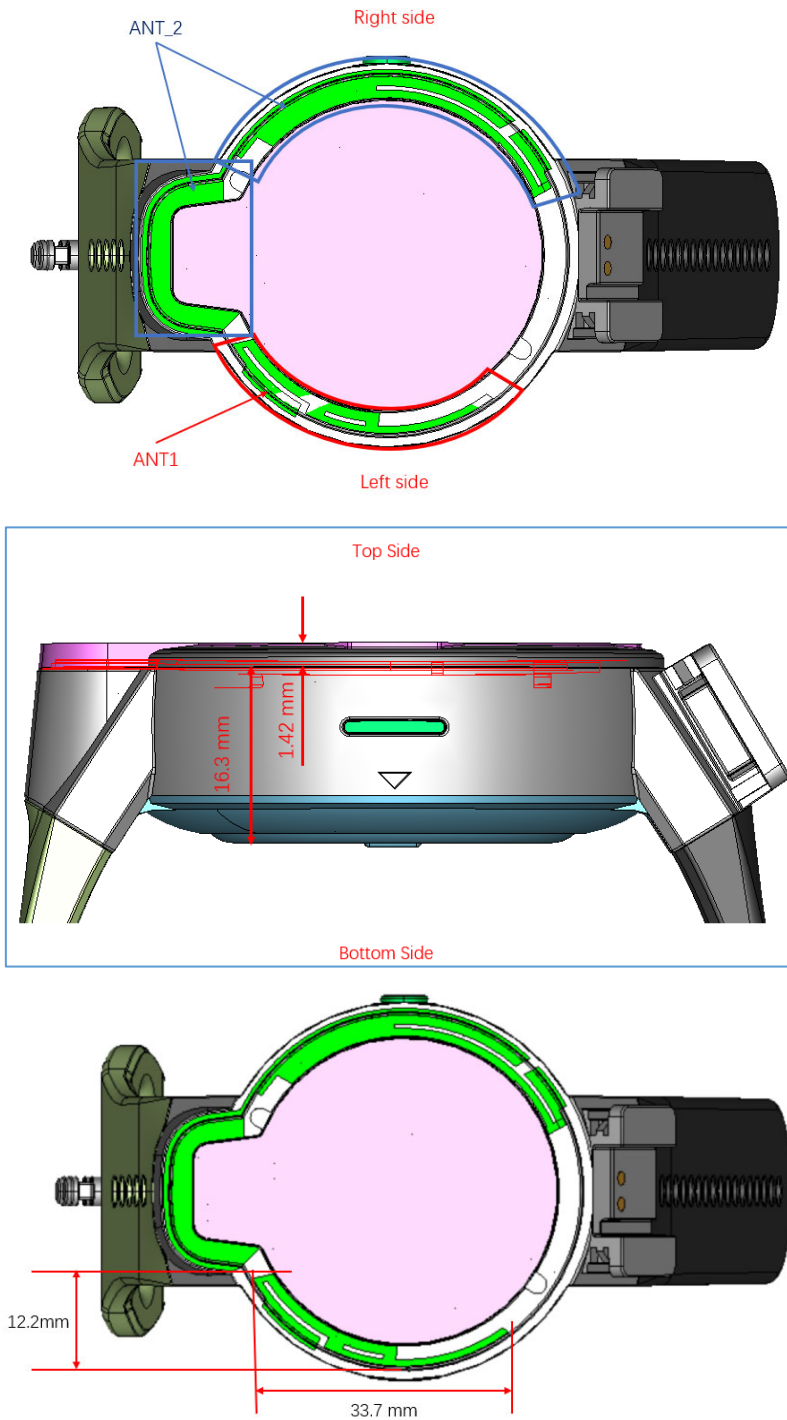
Antenna Part No :
60011000013



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1.0 Antenna Location

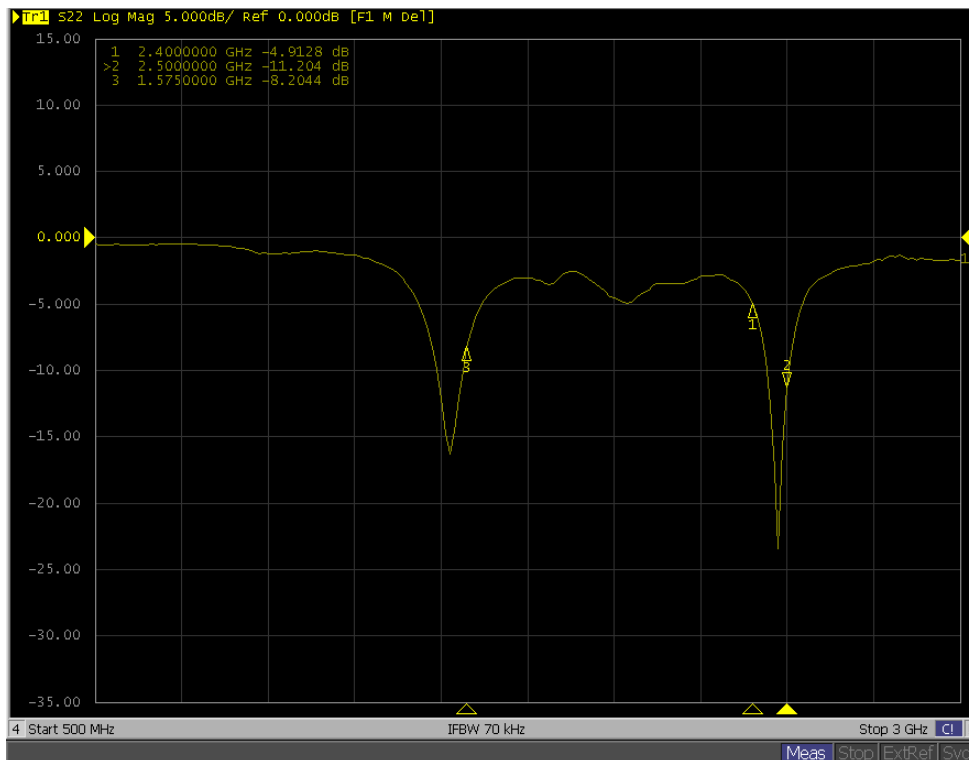


2.0 General Specification

Product name	TBQC4100OV1 ANT_1
Part number	600110000013
Frequency	2400~2480 MHz
Max Antenna Gain (dBi)	-0.08
Polarization	Linear
Operating with matching	-40°C to 80°C
Storage with matching	-40°C to 80°C
RF Power	10.0 Watts
Impedance with matching	50 Ohms
Antenna type	PIFA
Antenna Size (mm)	33.7 x 12.2
Manufacturer	WelleTronics

3.0 Antenna Performance

3.1 Return Loss

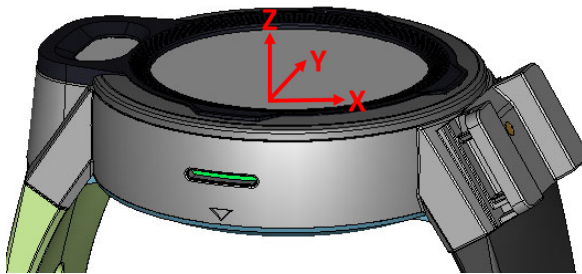


3.2 Antenna Performance

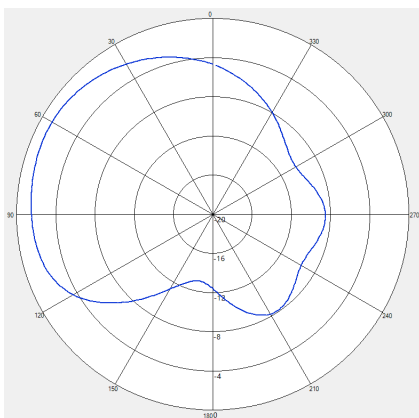


3.3 2D Radiation Pattern

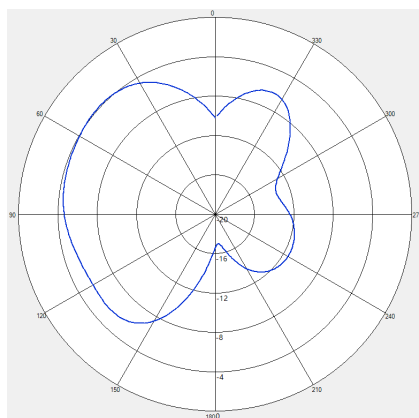
Test condition:



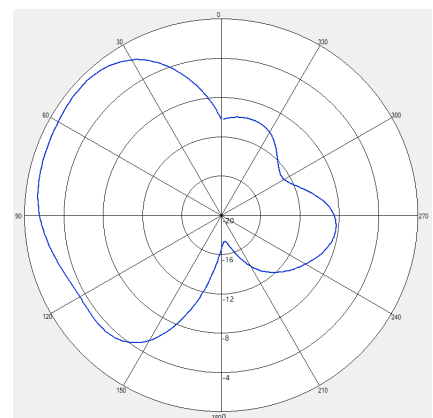
2400MHz



X-Y

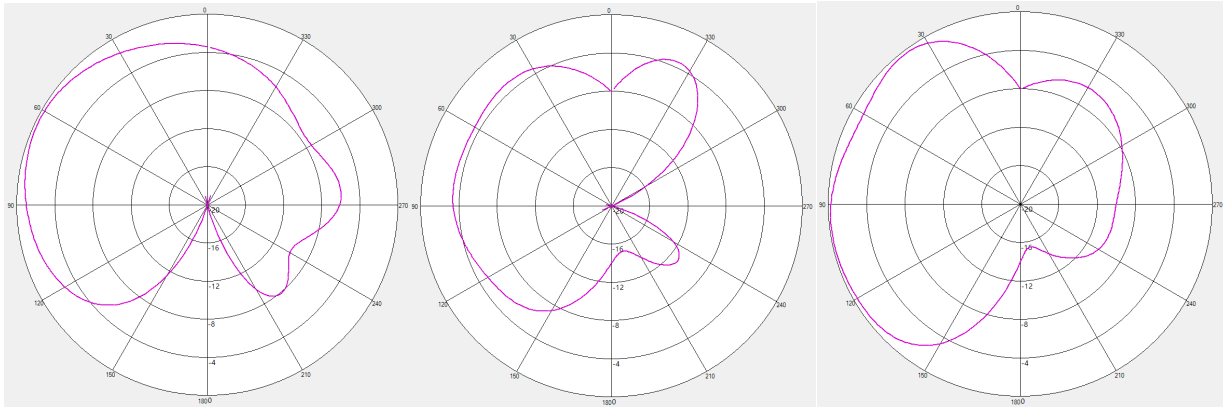


X-Z



Y-Z

2450MHz

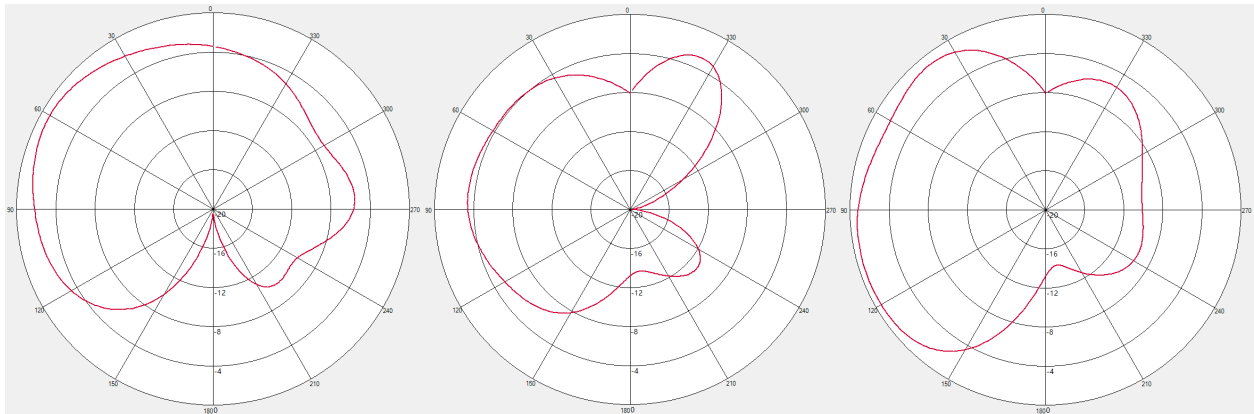


X-Y

X-Z

Y-Z

2480MHz



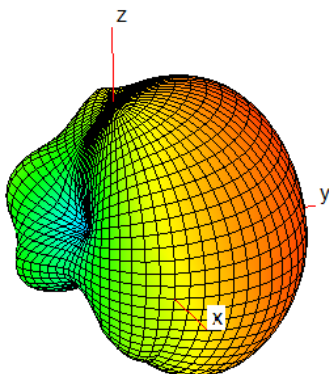
X-Y

X-Z

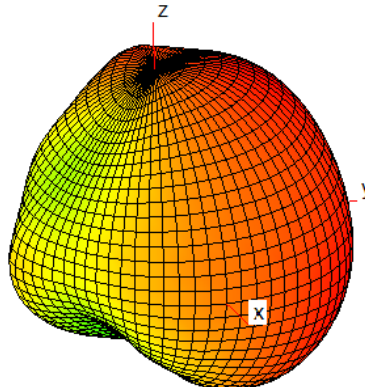
Y-Z

3.4 3D Radiation Pattern

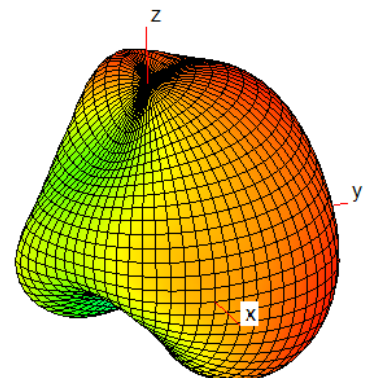
2400 MHz



2450MHz



2480MHz





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