

Antenna Specification

Model: WH12088

Status: Approved
Date: Jan 11, 2023

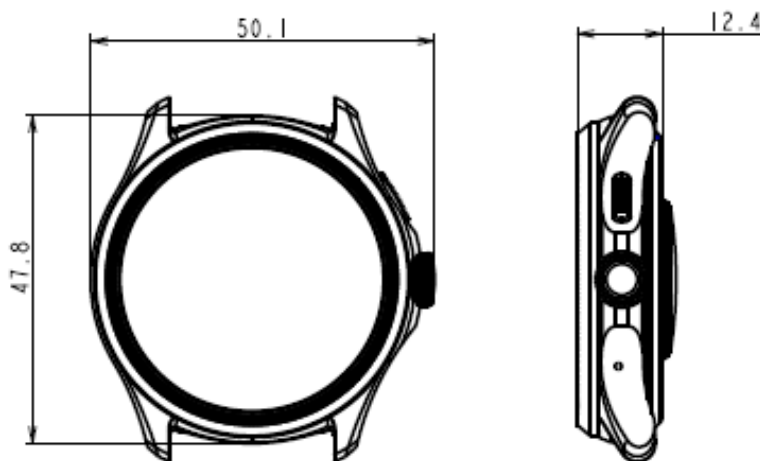
Version	Status	Date	Handled by	Comments
	Approved	01/11/2023	Zhao Zhide	

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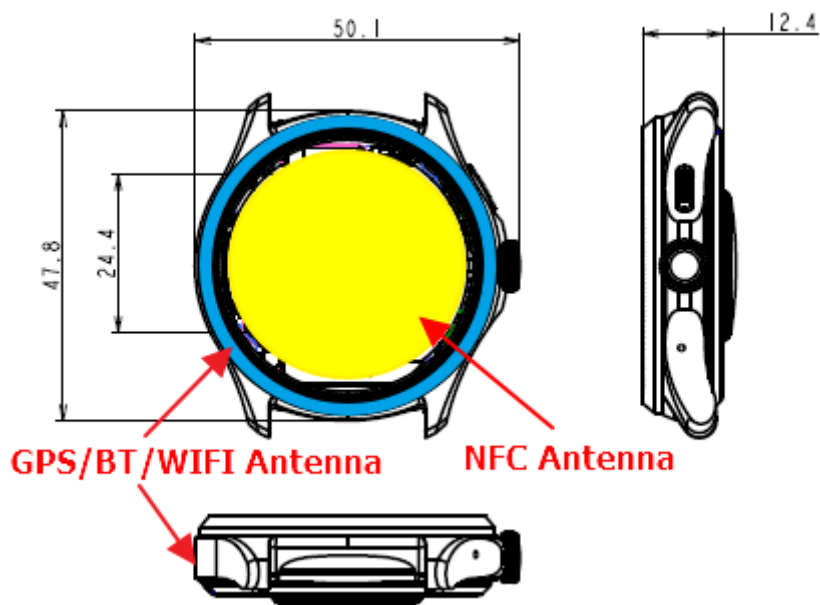
- 1. Dimensions and Antenna Location***
- 2. BT/WIFI Antenna Information***
- 3. GPS Antenna Information***
- 4. NFC Antenna Information***

1 *Dimensions and Antenna Location*

- Antenna Information:
 - Antenna Type:
 - GPS/BT/WIFI Antenna: Loop
 - Antenna Manufacture Technology and Location
 - GPS/BT/WIFI/NFC Antenna: Metal cover for Antenna
- Dimensions:



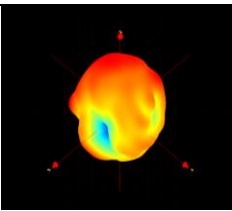
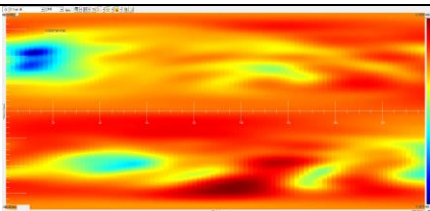
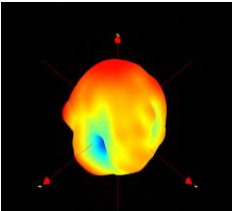
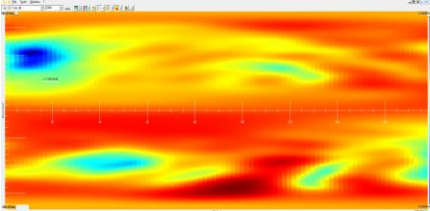
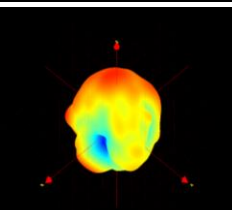
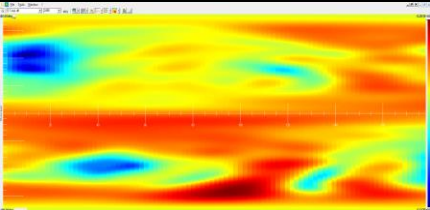
- Antenna location:



2 BT/WIFI Antenna Information

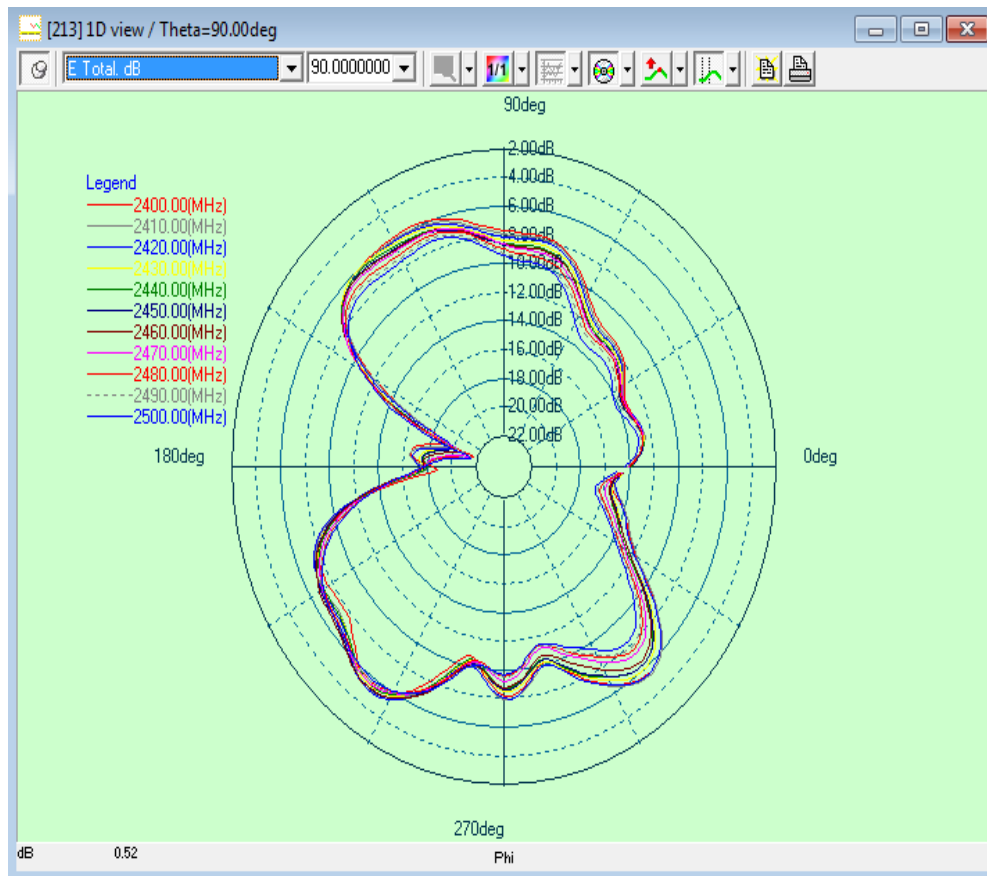
2.1 Antenna Peak Gain

Frequency(MHz)	Antenna Peak Gain(dBi)
2400	-3.2
2410	-3.0
2420	-3.3
2430	-3.6
2440	-3.5
2450	-3.5
2460	-3.6
2470	-3.5
2480	-3.5
2490	-3.7

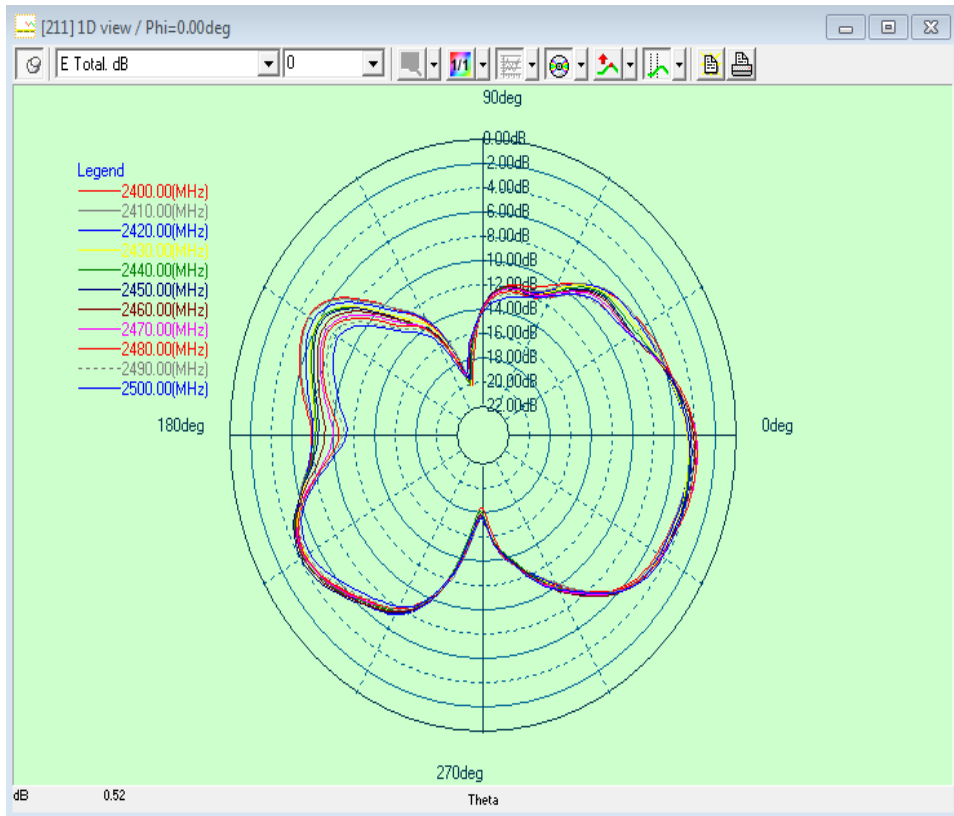
Frequency_MHz	Peak Gain_dBi	Farfield -3D	Farfield-2D
2401MHz	-3.2		
2441MHz	-3.5		
2480MHz	-3.5		

2.2 Antenna Radiation 2D pattern

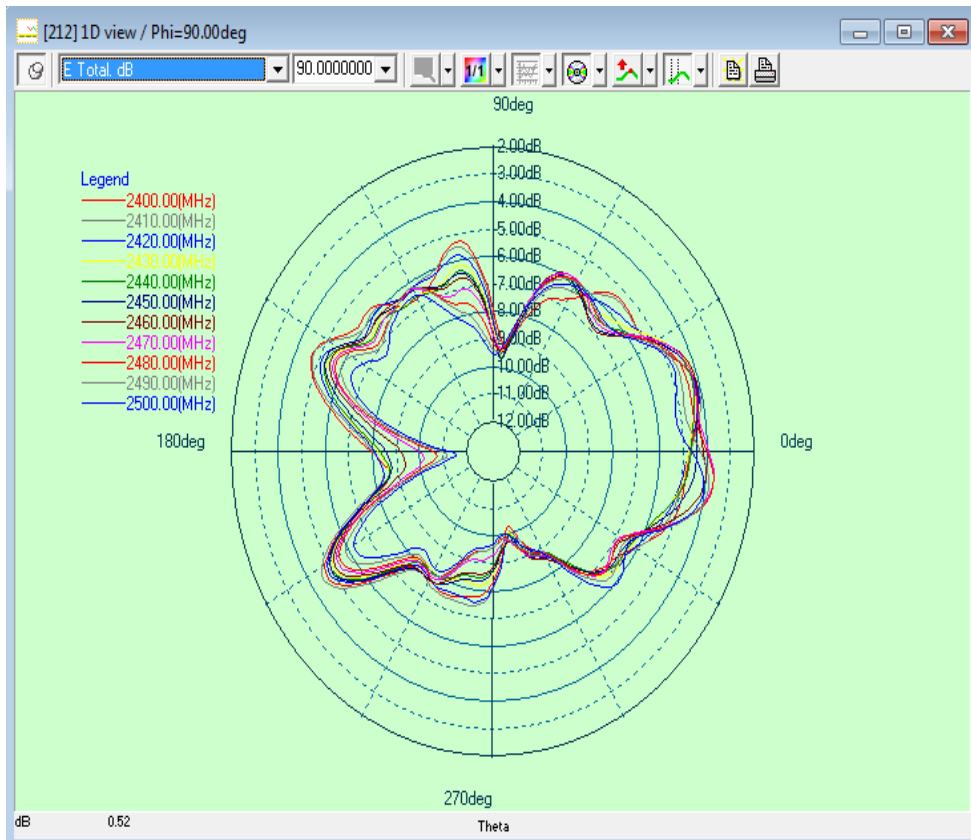
2.2.1 H Plane



2.2.2 E1 Plane



2.2.3 E2 Plane



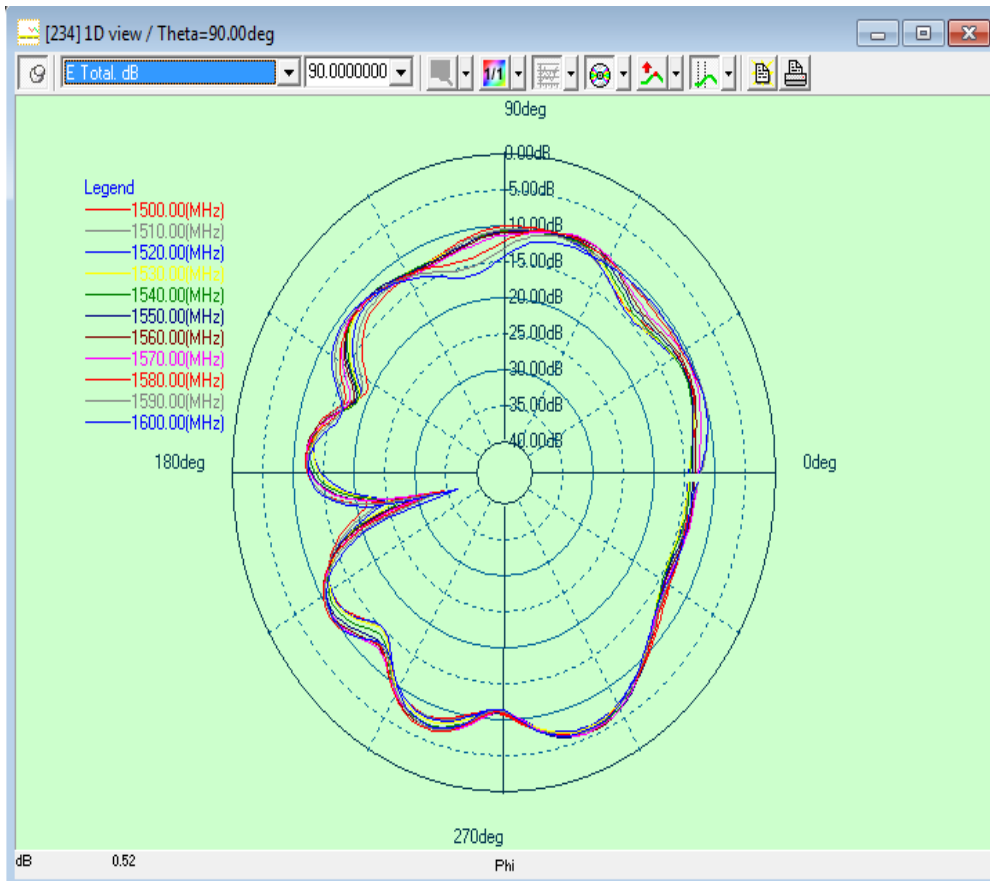
3 GPS Antenna Information

3.1 Antenna Peak Gain

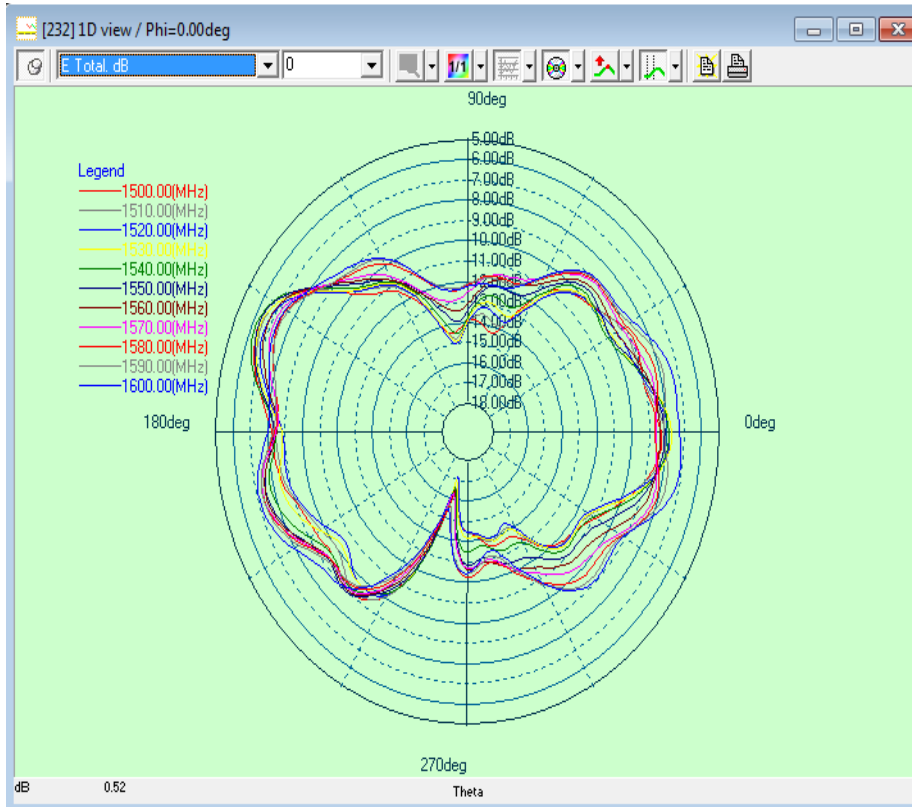
Frequency(MHz)	
1540	-4.8
1550	-4.6
1560	-4.8
1570	-4.9
1580	-4.9
1590	-5.0
1600	-4.6

3.2 Antenna Radiation 2D pattern

3.2.1 H Plane



3.2.2 E1 Plane



3.2.3 E2 Plane

