

年 6 月 6 日

Antenna Specification

For official certification

Model: P991MV-01

Version, status: V1.0, Approval
Date: 2022-05-30
Creator: Matt. Chuang
HW DM: Clapton. Lin
CPM: Yang. TonySH
Function: Regulatory Certification

Change History

Version	Status	Date	Handled by	Comments
1.0	Draft	2022-05-30	Matt Chuang	Initial version

年 6 月 6 日

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1. Antenna location & distance

P991MV-01:

EUT Dimension, length= 48.66mm ; Width= 44.65mm

Antenna location: the metal body of watch

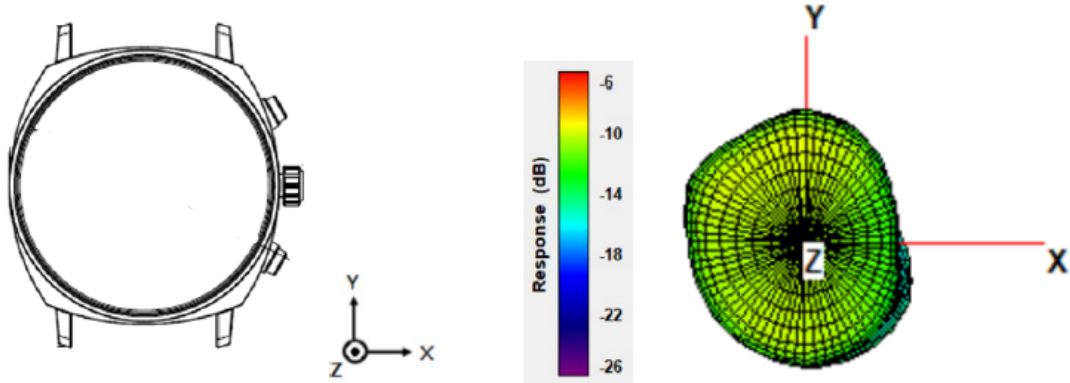
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2. WLAN/BT Antenna Information

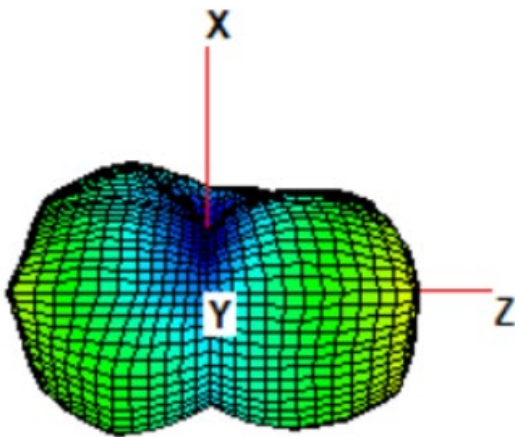
2.1. Antenna Peak Gain

Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	-6.07	-5.87	-5.72	-5.79	-5.86	-6.02	-6.53	-6.83	-7.11	-7.33	-7.43

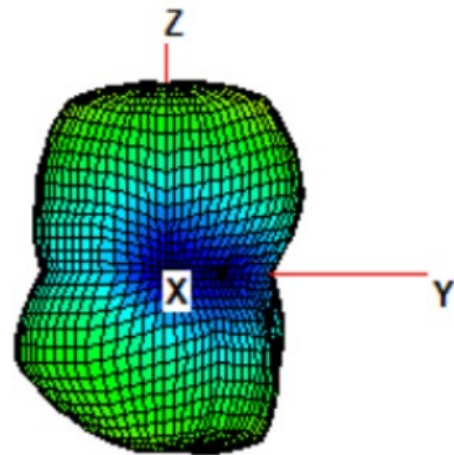
2.2. Antenna Radiation Pattern



XY plane at 2.45GHz



XZ plane at 2.45GHz



YZ plane at 2.45GHz

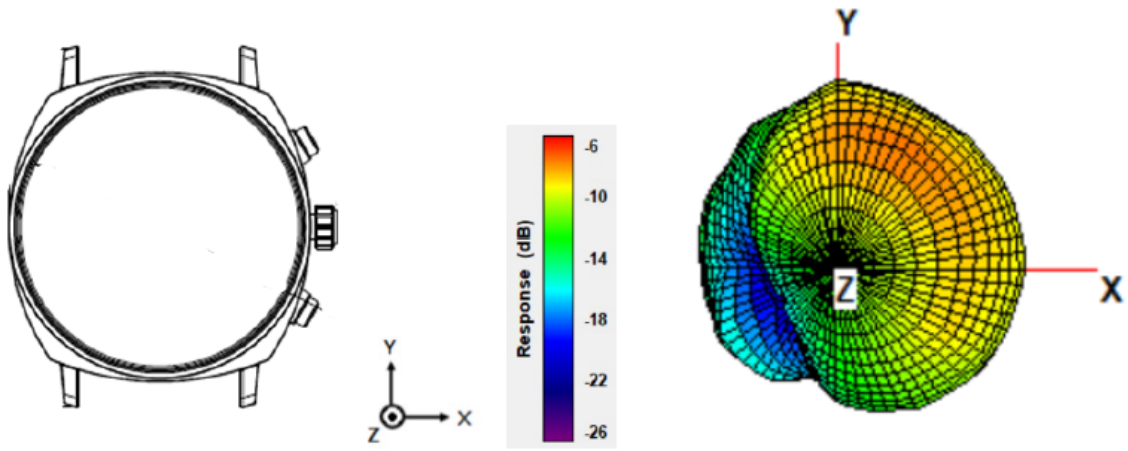
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3. GPS Antenna Information

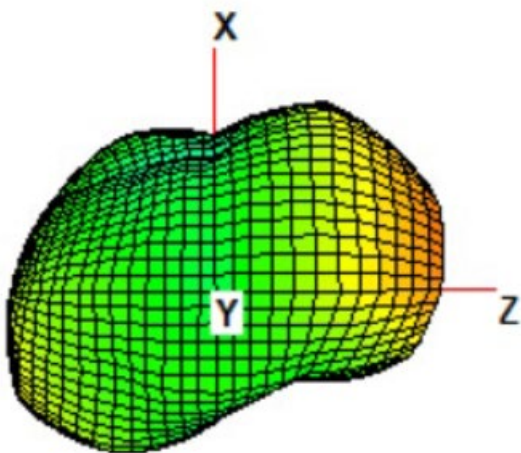
3.1. Antenna Peak Gain

Frequency(MHz)	1570	1575	1580	1585	1590	1595	1600	1605	1610	1615	1620
Peak Gain(dBi)	-6.56	-6.66	-6.72	-6.83	-6.95	-7.06	-7.16	-7.26	-7.44	-7.55	-7.67

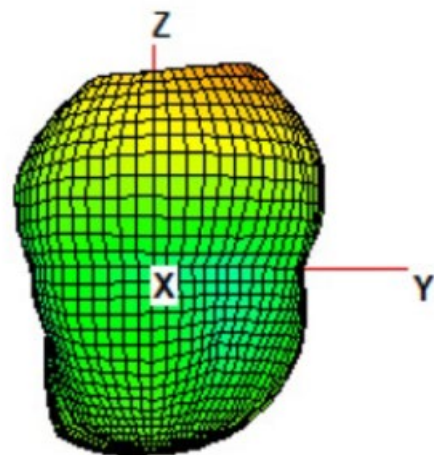
3.2 Antenna Radiation Pattern



XY plane at 1.575GHz



XZ plane at 1.575GHz



YZ plane at 1.575GHz