

APPROVAL SPECIFICATION

Product : Internal Antenna

Model Name : PPU-TN0630(R)

Date : 2023.10.13

The logo for AWAVE, featuring the word "AWAVE" in a bold, blue, sans-serif font. The letters are slightly stylized, with the 'A' and 'V' having a unique shape.

AWAVE

[08592] 519~520Ho, 75-15, Gasan digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea

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1. Manufacturer

- **AWAVE**
- **AWAVE Part Number : AWA-00005**

2. Model Name

- **PPU-TN0630(R)**

3. Antenna Type

- **PIFA : Planar Inverted F Antenna**

4. Electrical Performance Data

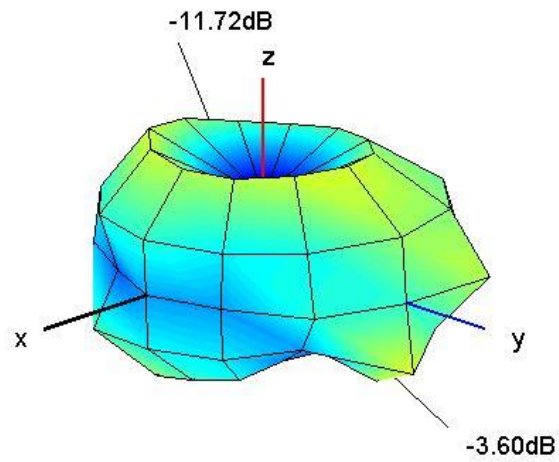
4.1 Specification Sheet

4.1.1 3D Gain Data

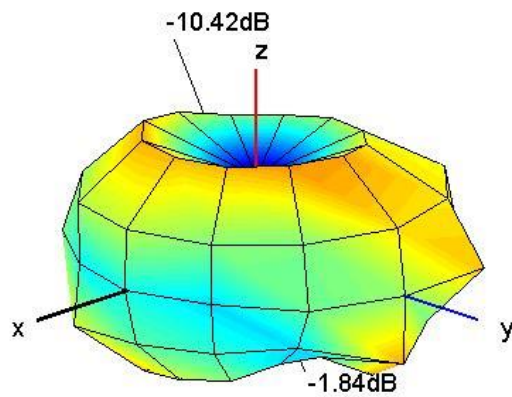
Electronic Specification			
Frequency Range (MHz)	Bluetooth		
	2400	2440	2480
3D Average Gain (dB)	-7.20	-5.59	-6.67
3D Average Gain (%)	19.0	27.6	21.5
3D Peak Gain (dBi)	-3.60	-1.84	-2.61

4.1.2 3D Radiation Pattern

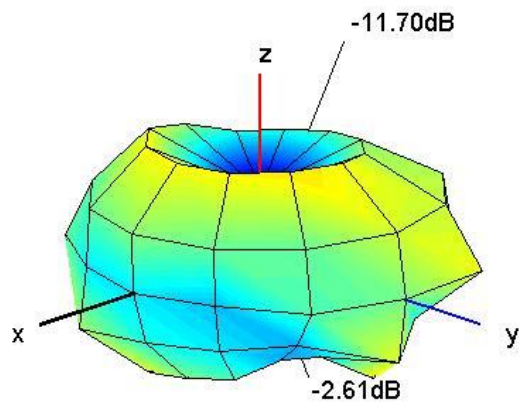
BT [2400MHz]



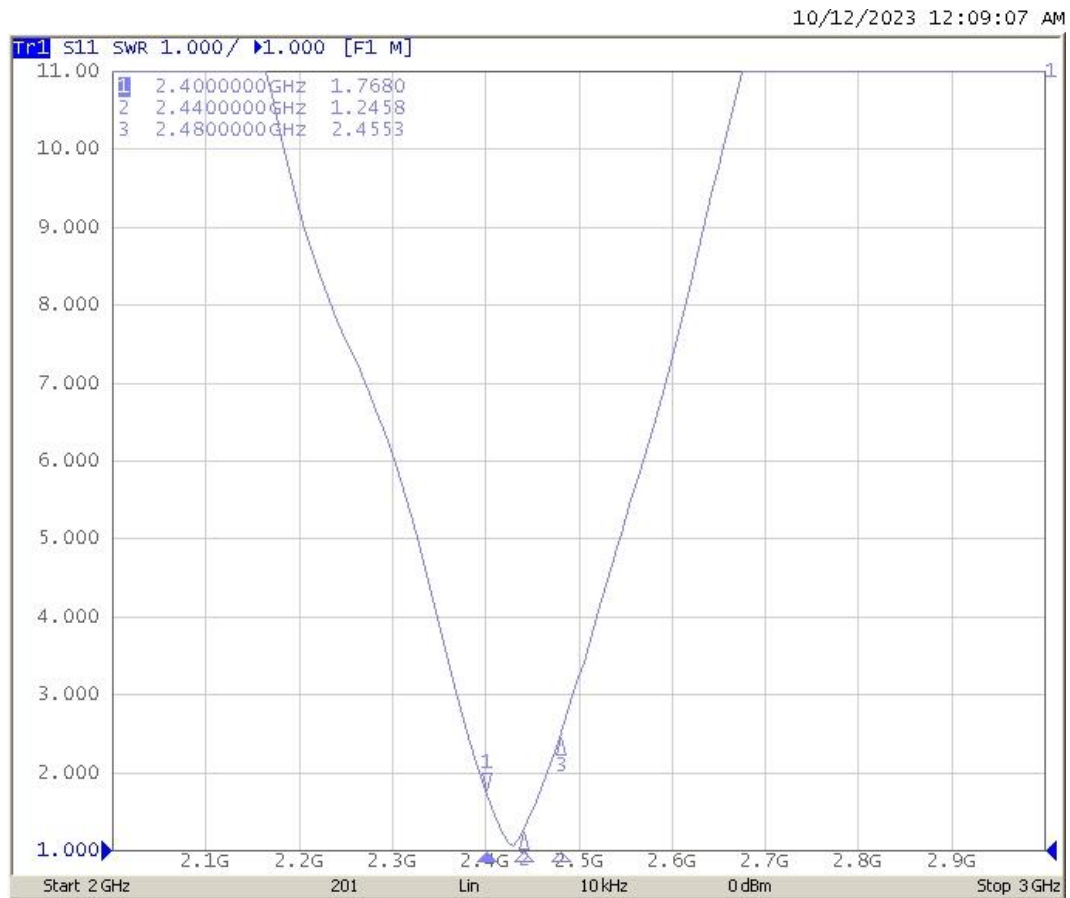
BT [2440MHz]



BT [2480MHz]



4.1.3 VSWR



5. External Drawing

NO.		CHANGE CONTENTS		REVISION		CHANGE CAUSE	