

8 7 6 5 4 3 2 1

		REVISIONS		
DCO#	REV.	DESCRIPTION	DATE	APPROVED
TBD	1	INITIAL RELEASE	12/21/2022	

D

D

C

C

B

B

A

A

INSULATION DIA.

ϕ 1.00
0.70

25.50±0.50

STRIPPED LENGTH
1.00±0.50

NOTES:

1. DRAWING IS FOR INSPECTION ONLY; PART TO BE MADE FROM 3D MODEL.
2. MATERIAL: 28 AWG SOLID CORE COPPER WIRE WITH INSULATING JACKET
3. PARTS SHALL BE INSPECTED TO BE CLEAN, FREE OF BURRS, CRACKS, AIR BUBBLES, FOREIGN MATERIAL AND DISCOLORATION.

DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ± 0.2 X.XX ± 0.13		200 Fifth Avenue Suite 4030 Waltham, MA 02451		
ANGULAR: ± 1°		TITLE		
 THIRD ANGLE PROJECTION		ANTENNA, WIRE, SENSOR		
SIZE	SCALE	PART NUMBER	REV	
B	6:1	30406	1	
DRAWING FILE NAME 30406-ANTENNA, WIRE, SENSOR				
MODEL FILE NAME 30406-ANTENNA, WIRE, SENSOR				
DO NOT SCALE DRAWING			SHEET 1 OF 1	

8 7 6 5 4 3 2 1

1

The single antenna for the MoMe Arc Sensor POD is attached in the drawing above. Manufactured by Infobionic inc. p/n 30406. The radio utilizes an 26 mm long, 26 AWG wire antenna, with a maximum gain of -3.8 dBi supporting Bluetooth low energy in the 2402- 2480 MHz band.

Antenna Gain Performance

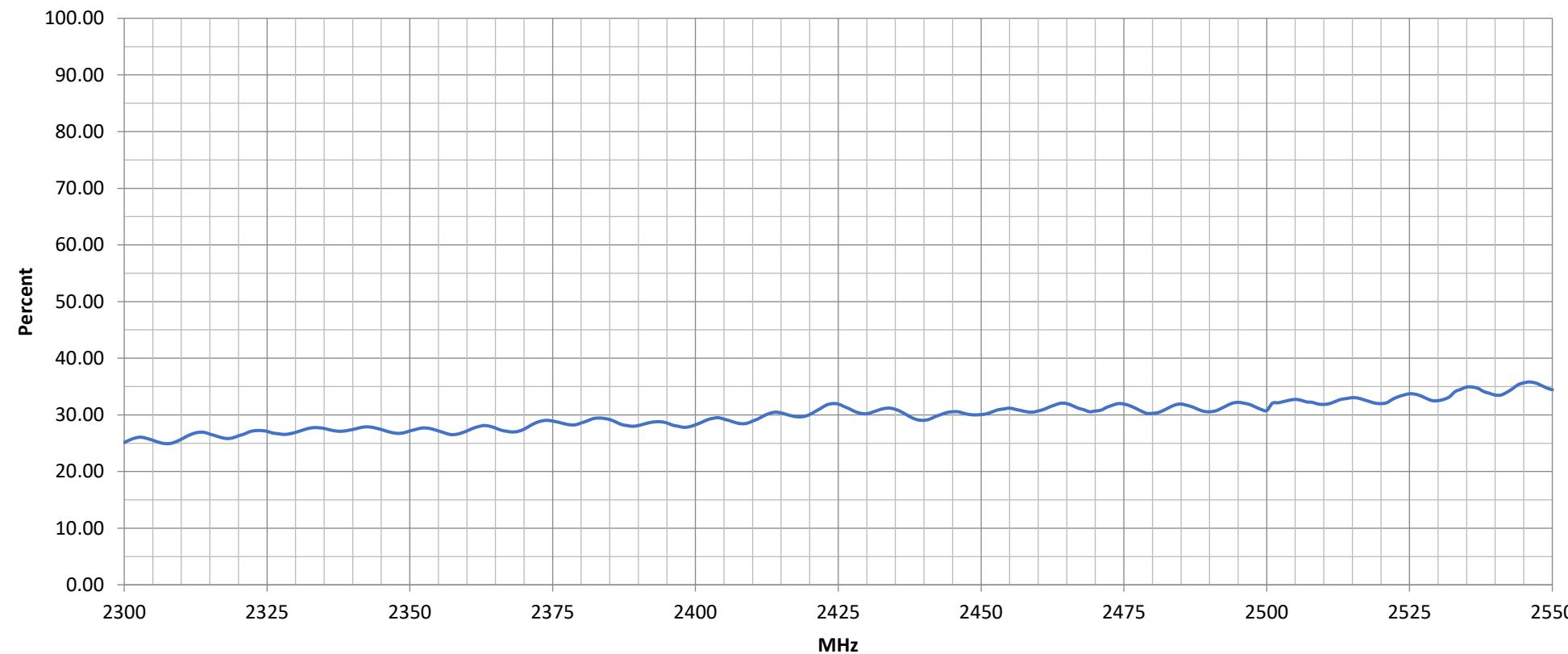
Type

Dipole

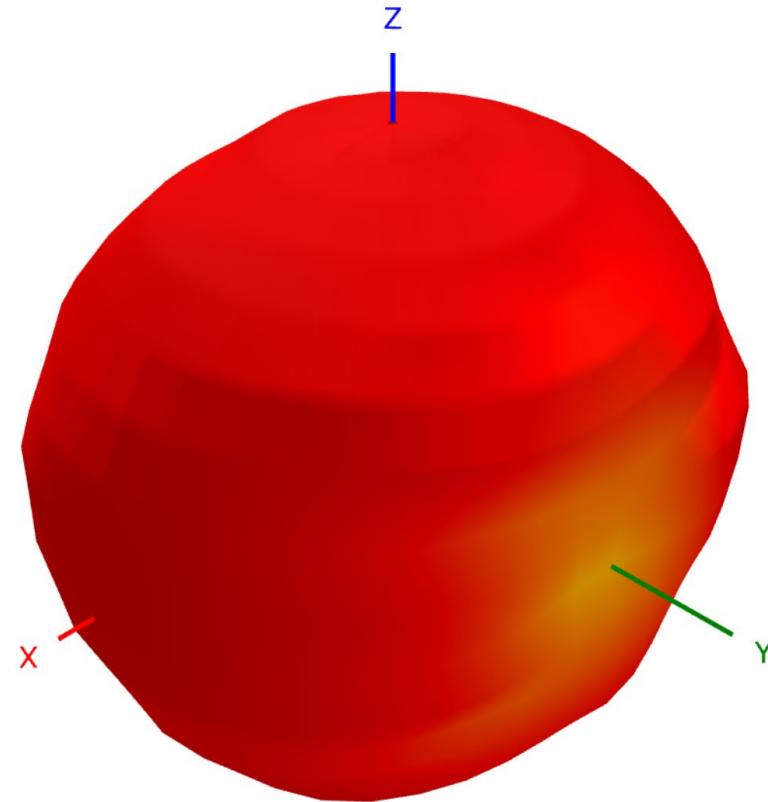
Peak Gain (dBi)

-3.8

Radiation Efficiency in %



3D Spherical: Plotted Frequency is 2440 MHz



Test Setup

