musma	APPROVAL SHEET	Doc Num	MU0002
	48231, 2F~4F, SH B/D, 3, Mangmibeonyeong-ro 52beon-gil, Suyeong-gu, Busan, Korea	Rev Num	00
		Date	2023. 03. 10
		Page	1/4

CUSTOMER NAME	
PRODUCT NAME	LoRa Gateway Antenna
PART NO.	MU-GATEWAY-ANT
DESCRIPTION	LoRa Dipole Antenna
ISSUED DATE	

Checked by : _____

Approval by : _____

Date : _____

Product Name

LoRa Gateway Antenna

1. Electrical Characteristics

1. Antenna

No.	Part Name	Specifications
1	Antenna model	LoRa Gateway Antenna
2	Frequency Range	800 ~ 1000MHz
3	V.S.M.R	2.0
4	Impedence	50 ohm
5	Peak Gain	3.5 dBi
6	Polarization	Vertically
7	Type	Dipole

2. Material

No.	Part Name	Specifications
1	Antenna	FR-4
2	Casing	PC
3	RF Connector	N-Type Female
4	Fixing Mode	N-Type Connector
5	Height	570mm x Ø44
6	Weight	250g

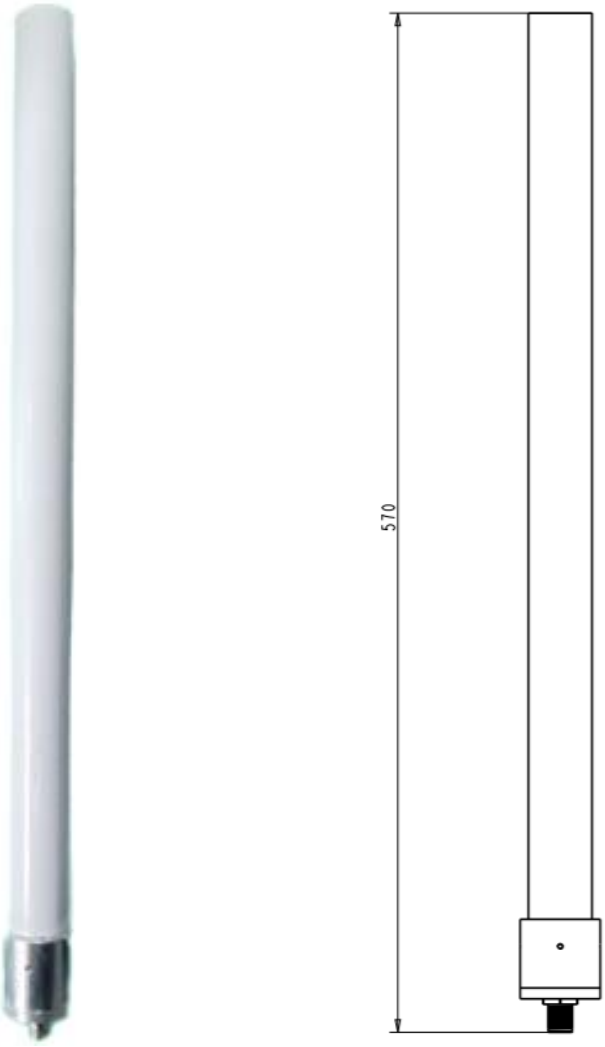
3. Environment Condition

1	Working Temp	-25℃ ~ +80℃
2	Storage Temp	-45℃ ~ +85℃

Product Name

LoRa Gateway Antenna

4. Dimension & Overview

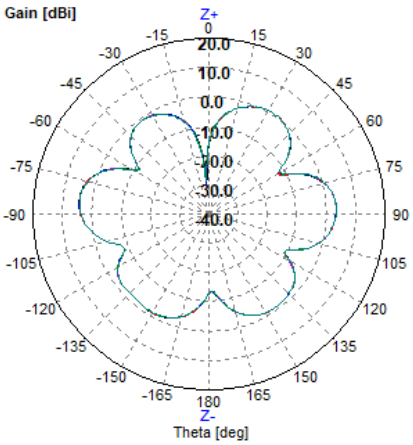


Product Name

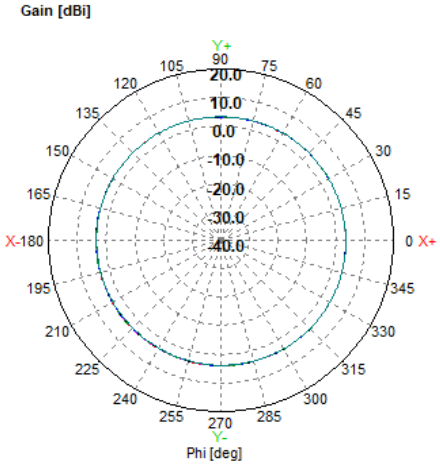
LoRa Gateway Antenna

5. Refence Data (RF Antenna Pattern)

868MHz

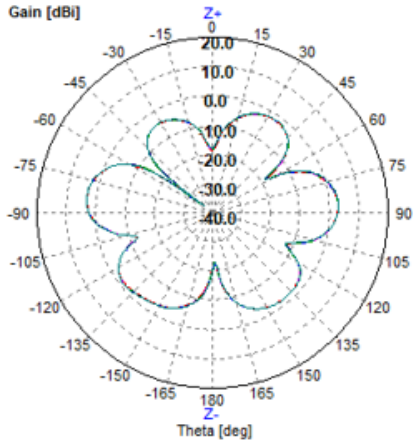


Vertical

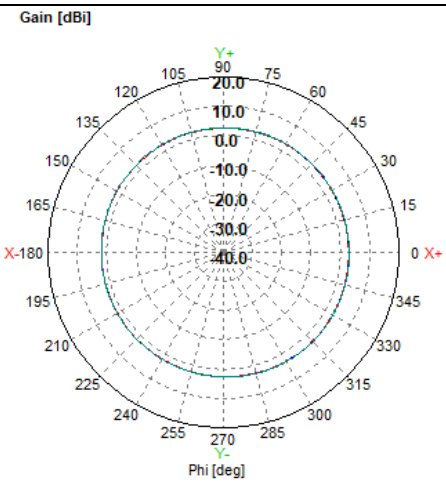


Horizontal

920MHz



Vertical



Horizontal

※ Measuerment : RAPA EMTI(Korea Radio Promotion Association Electromagnetic wave)