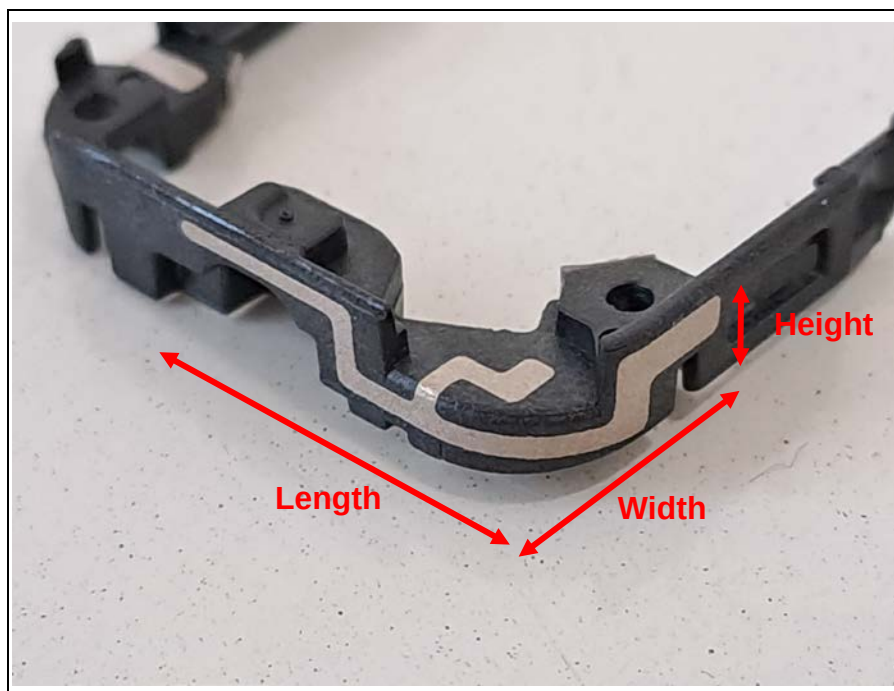


Antenna Information

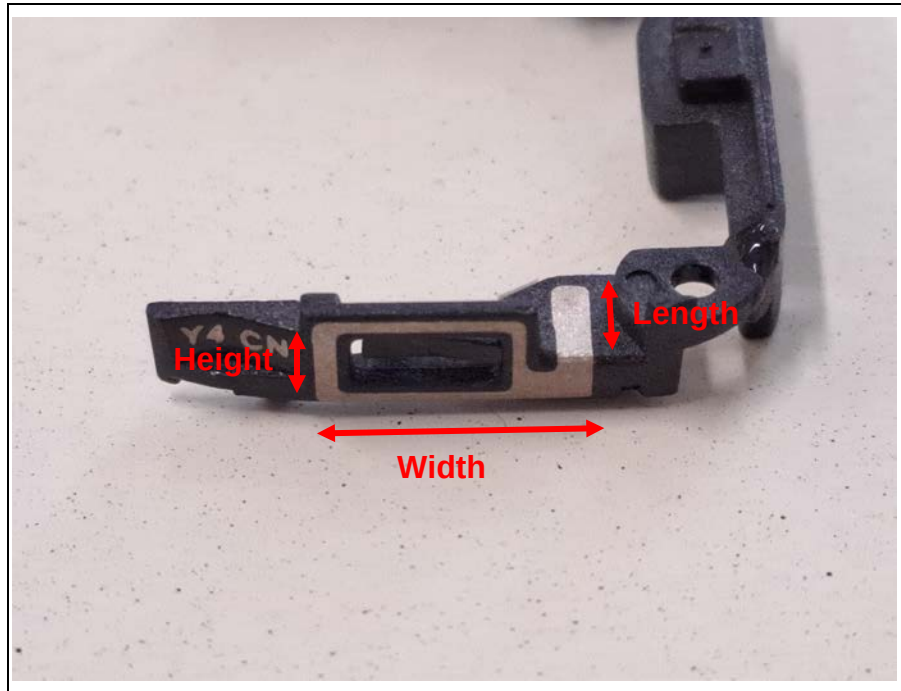
Item	Contents	
Mode	Bluetooth Low Energy	UWB
Antenna Type	LDS Antenna	
Antenna peak gain	-1.78 dB i	0.33 dB i
Manufacturer / Model name	GALTRONICS / EI-T5600	
Address of manufacturer	306, Sinwon-ro, Yeongtong-gu, Suwon-si, Republic of Korea	
Test Laboratory	GALTRONICS	
Antenna Length	15.25 mm	3.50 mm
Antenna Width	7.86 mm	9.00 mm
Antenna Height	3.20 mm	2.84 mm

Antenna of Bluetooth Low Energy



Model name: EI-T5600

Antenna of UWB



Model name: EI-T5600

ANTENNA SPECIFICATION

EI-T5600 Bracket LDS & NFC

I . Mechanical Specifications	
Antenna Dimension	52.4(D) x 28.75(W) x 8(H) mm
Weight	10g

ANTENNA SPECIFICATION**1. BLE**

II . Electrical Specifications	
Frequency Range	2402MHz ~2480MHz
Avg. Gain	-4.46dBi
V.S.W.R	≤ 2.50
Radiation	Omni
Polarization	Linear
Impedance	50Ω

2. UWB

II . Electrical Specifications	
Frequency Range	7737.6MHz ~8236.6MHz
Avg. Gain	-4.97dBi
V.S.W.R	≤ 2.50
Radiation	Omni
Polarization	Linear
Impedance	50Ω

ANTENNA SPECIFICATION

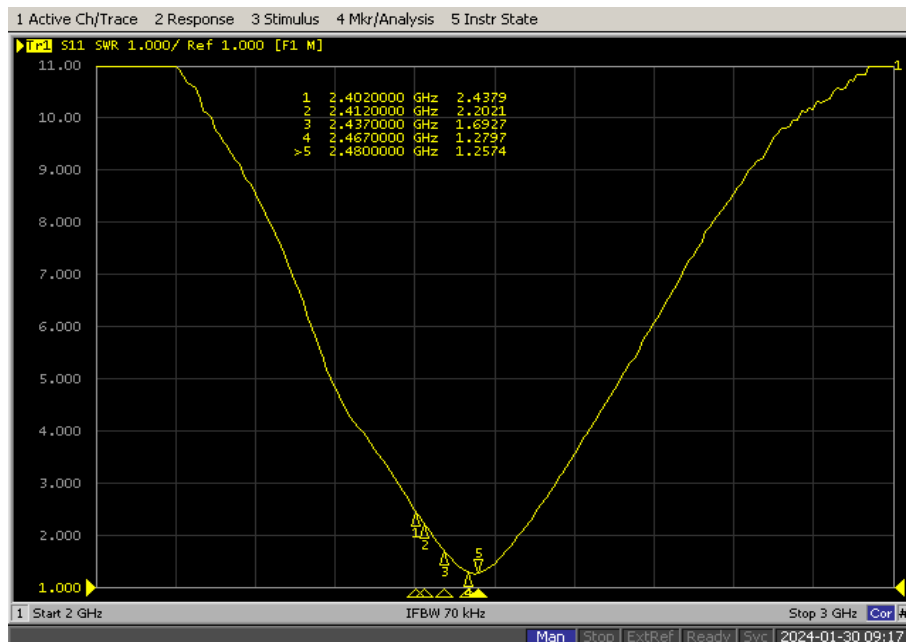
3. NFC

II . Electrical Specifications	
Frequency Range	13.56MHz
V.S.W.R	≤ 25
Radiation	Omni
Polarization	Linear
Impedance	50Ω

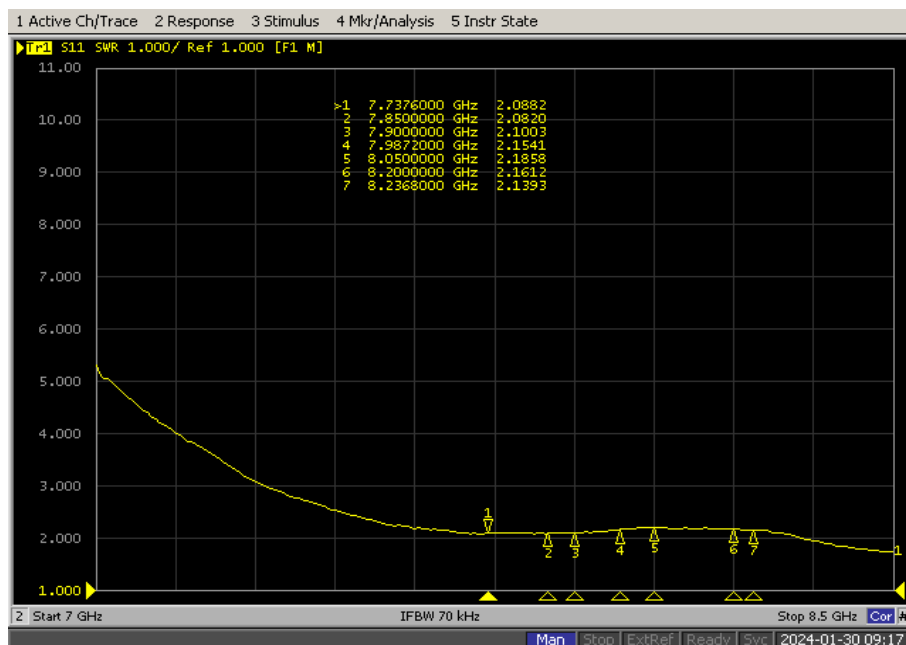
ANTENNA SPECIFICATION

● V.S.W.R

1. BLE

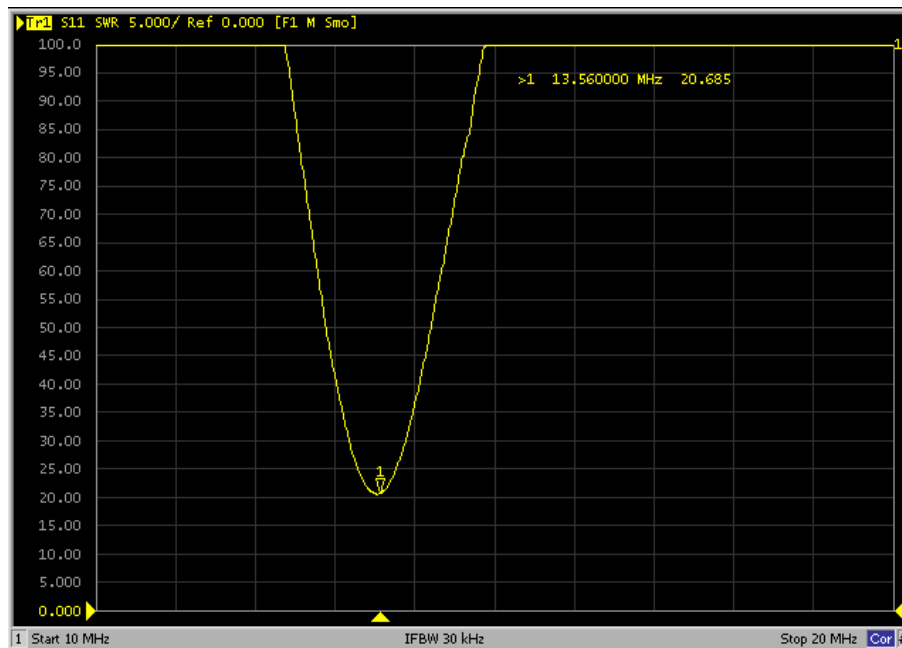


2. UBW



ANTENNA SPECIFICATION

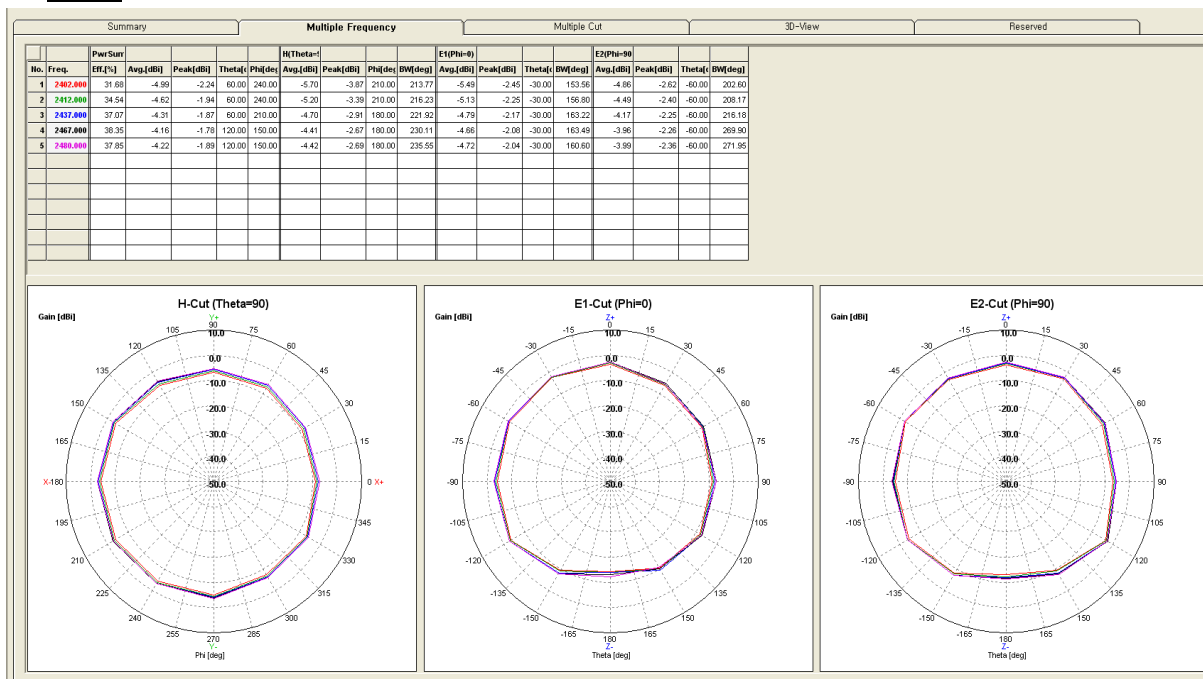
3. NFC



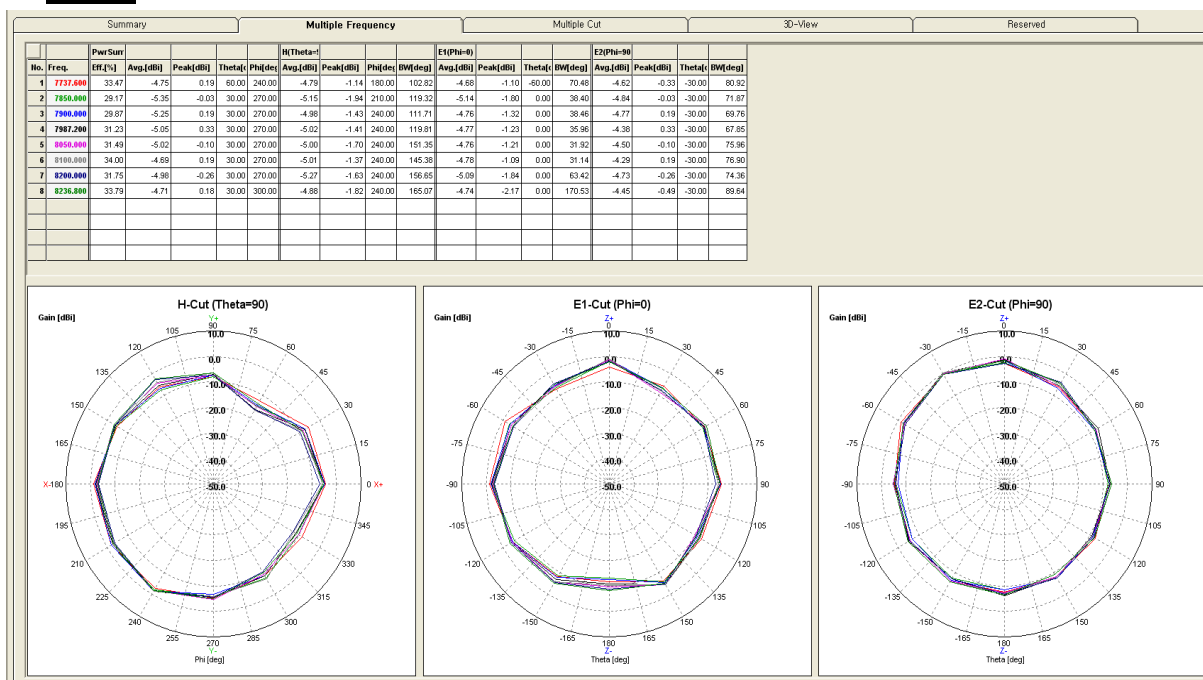
ANTENNA SPECIFICATION

● BEAM PATTERN

1. BLE



2. UWB



ANTENNA SPECIFICATION

● PEAK GAIN

Frequency Band [MHz]	Frequency [MHz]	Peak gain [dBi]
30 ~ 1 600	30	-45.36
	815.00	-32.73
	1 600	-28.81
1 600 ~ 2 700	2 150	-21.21
	2 700	-10.54
	3 200	-1.84
2 700 ~ 3 735	3 735	2.89
	4 250	-3.25
	4 800	-1.31
3 735 ~ 4 800	5 400	-3.60
	6 000	-2.28
	7 737.6	0.19
6 000 ~ 10 200	7 850	-0.03
	7 900	0.19
	7 987.2	0.33
	8 050	-0.10
	8 100	0.19
	8 200	-0.26
	8 236.8	0.18
	10 200	-11.38
12 750 ~ 26 000	18 100	-33.65
	26 000	-43.23