

Dreamus Corp.

APPROVAL SHEET

PS10			
NO	MODEL	FREQUENCY	
1	HWI-ABG-PS10	WIFI 2.4GHz/BT	2400 ~ 2500 MHz
		WIFI 5GHz	5170 ~ 5825 MHz

SUPPLIER			CUSTOMER		
Engineer	Review	Approved	Engineer	Review	Approved
					
24/11/25		24/11/25			



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HISTORY SHEET

ITEM	LPS ANTENNA	Developed by	Kyoung-Min Lee	
Part Name	HWI-ABG-PS10	Director		
Rev. No.	Date	Description		Etc.
0	2024-11-25	Initial Version		

ANTENNA SPECIFICATION

1. MODEL: HWI-ABG-PS10

2. APPLICATION:

This specification is provided for WIFI 2.4, 5GHz, BT ANTENNA.

3 ANTENNA used condition

■Portable ■Fixing ■Movement ■Out-door ■In-door ■Etc()

4. ANTENNA Drawing

#3. Attached : Drawing paper

5. Electrical specification and performance

Satisfied next data with real used or similar environment conditions.

No.	ELECTRICAL DATA	SPECIFICATIONS		REMARK
5. 1	FREQUENCY RANGE	WIFI 2.4GHz /BT	2400 ~ 2500 MHz	
		WIFI 5GHz	5170 ~ 5825 MHz	
5. 2	IMPEDANCE	50 Ω NOMINAL		
5. 3	V. S. W. R	WIFI 2.4GHz /BT	Less than 1 : 3.03	#1. Attached
		WIFI 5GHz	Less than 1 : 4.03	
5. 4	PEAK GAIN	WIFI 2.4GHz /BT	-2.47 dBi	#2. Attached
		WIFI 5GHz	-2.21 dBi	
5. 5	RADIATION PATTERN	OMNI – DIRECTIONAL		
5. 6	POLARIZATION	LINEAR		

6. Hardware specification and mechanical

No.	MECHANICAL	SPECIFICATIONS	REMARK
2. 6. 1	Carrier Size [W X H X T]	44.00 X 9.54 X 8.95 (mm)	

7. TEST and Q/C

It must comply with the requirements of the approver and the requirements of the approver and must comply with quality control regulations.

8. Packing

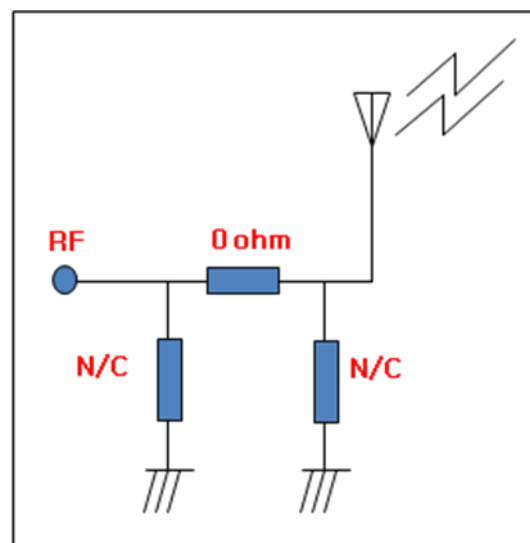
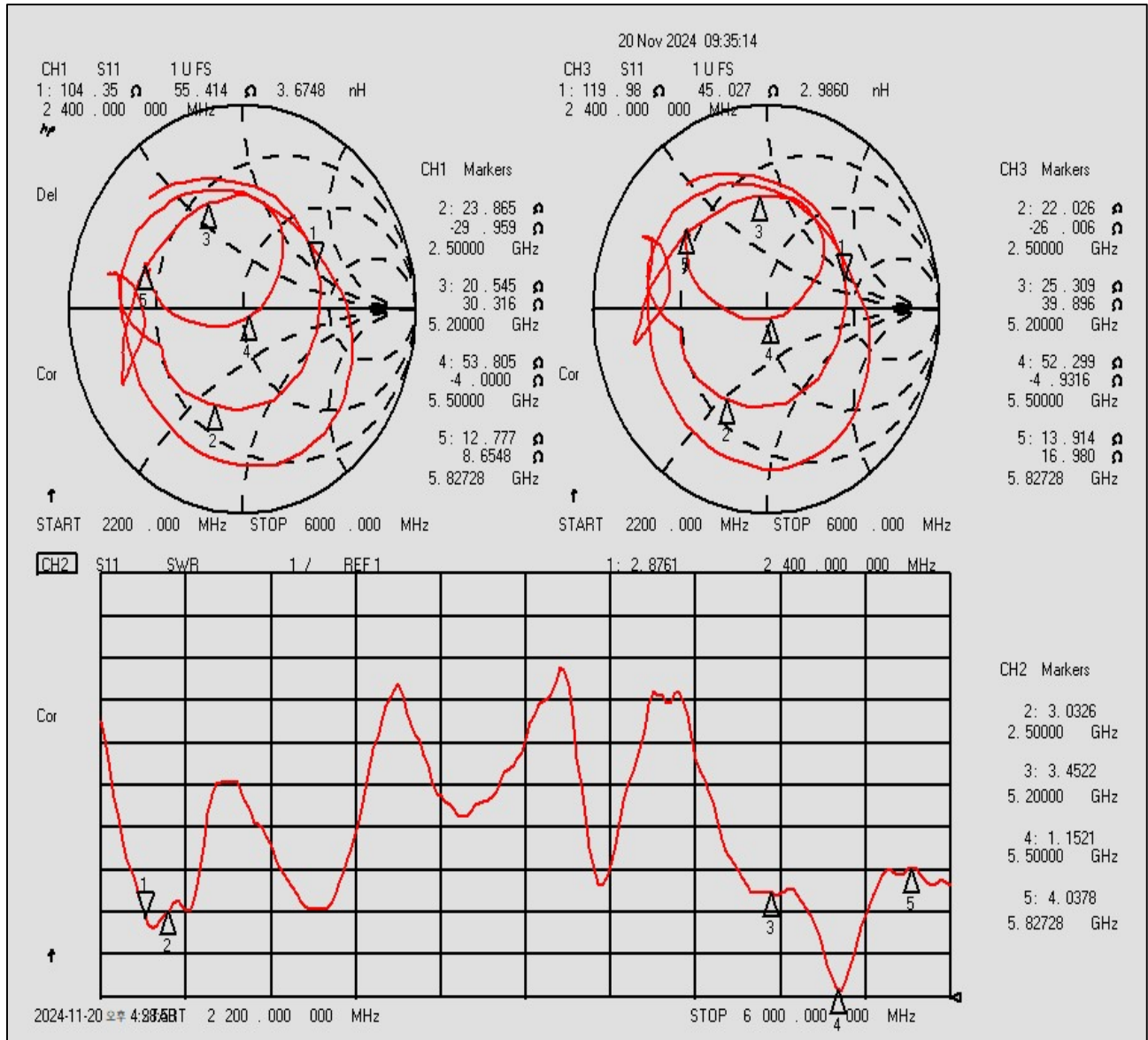
After packing the product according to the characteristics of the product, it is packed in an appropriate box to prevent movement.

Product packaging follows our regulations unless otherwise requested by the customer.

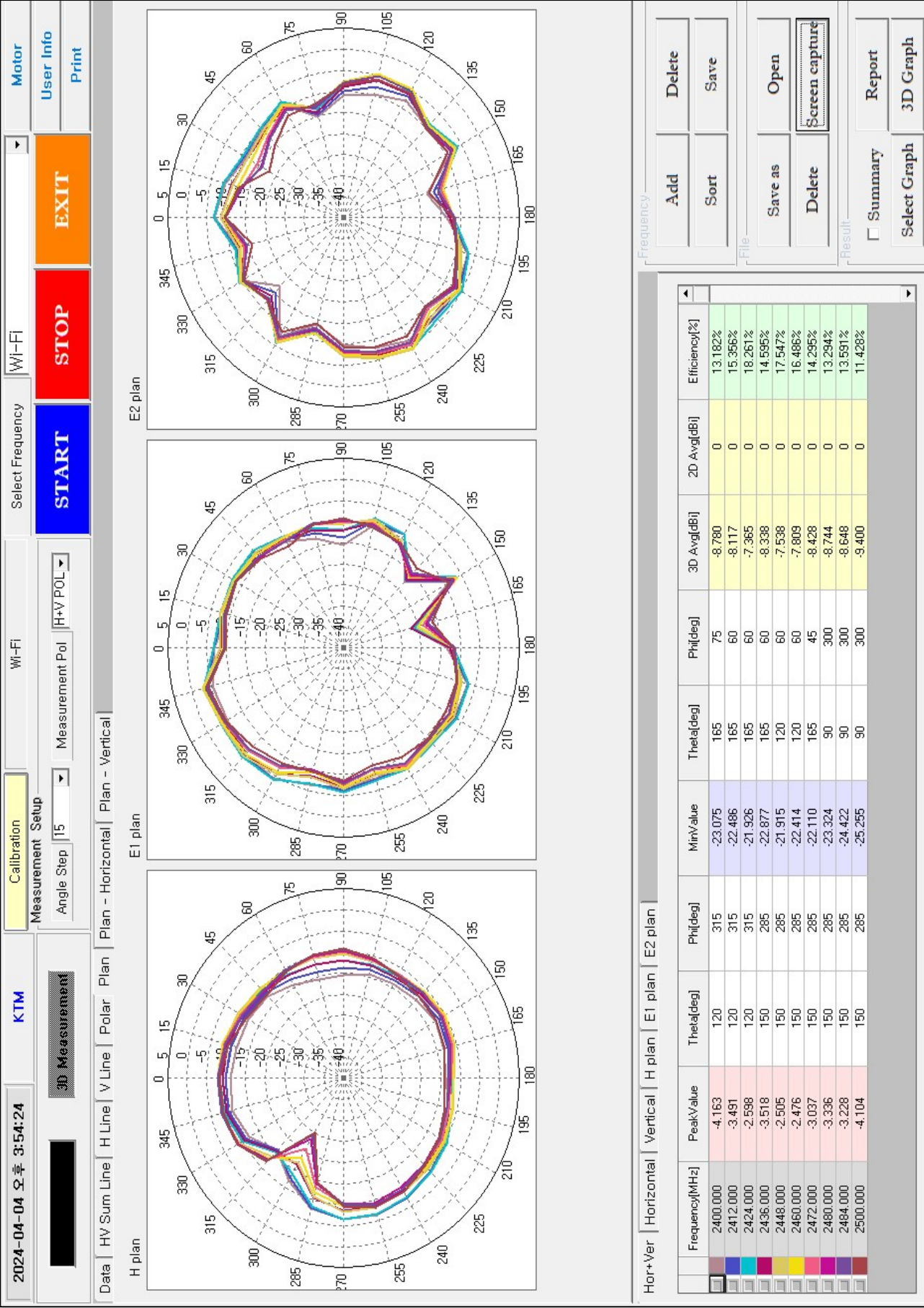
9. Product Warranty

This product is obligated to repair or exchange it free of charge immediately only if a defect that is deemed to be defective in design and manufacture occurs within one year of delivery.

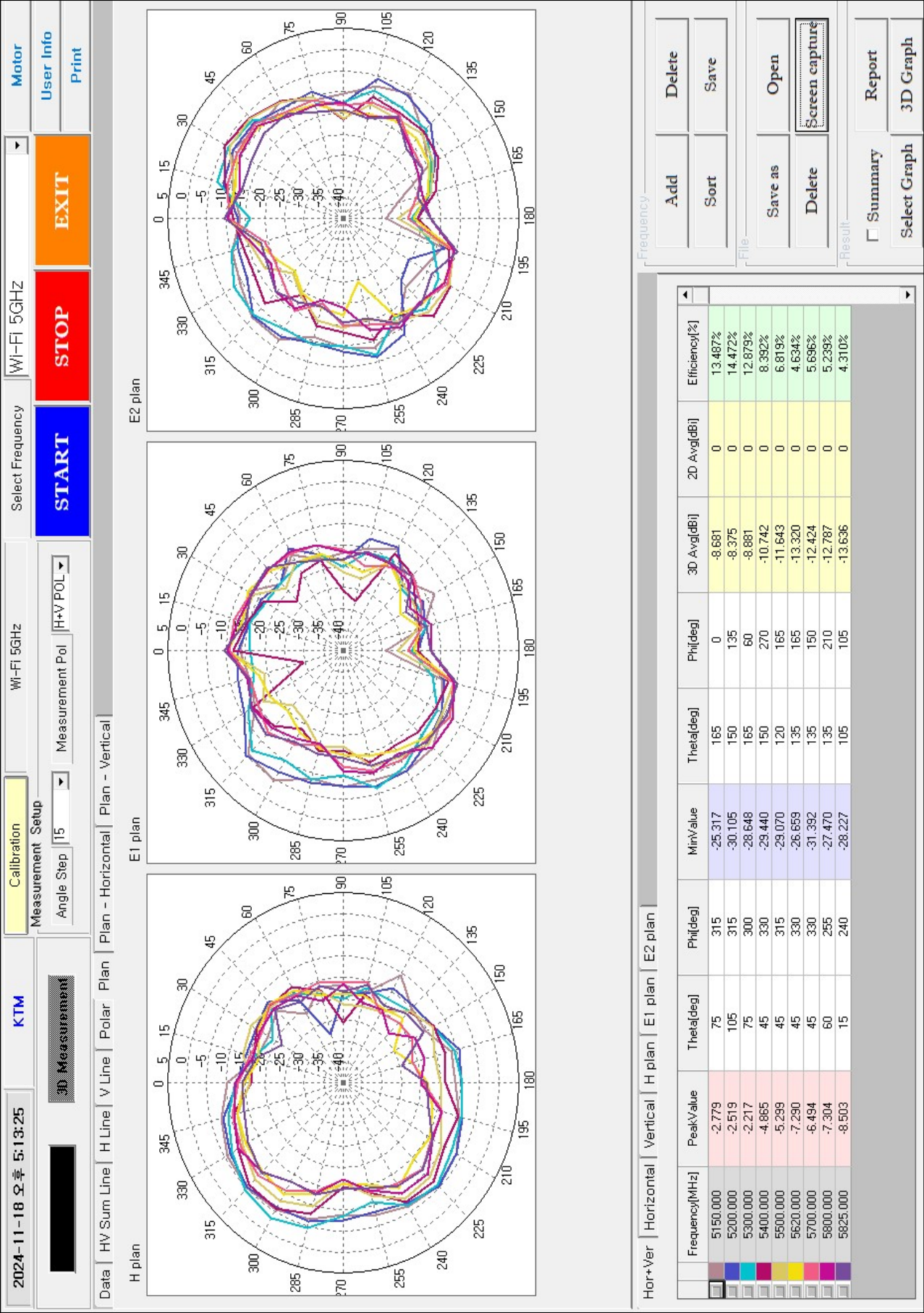
- #1. Attached : VSWR



- #2. Attached : RADIATION PATTERN(GAIN)_WIFI 2.4GHz/BT

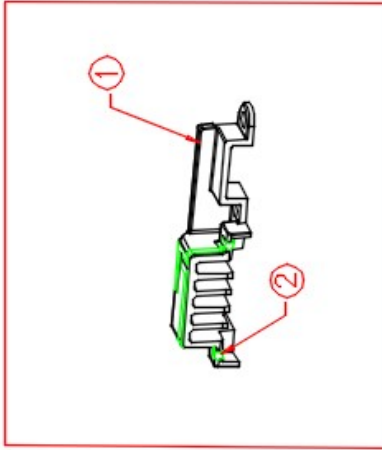
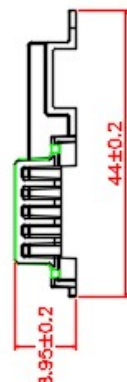
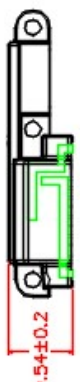
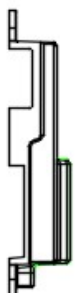


- #3. Attached : RADIATION PATTERN(GAIN)_ WIFI 5GHz



- #3. Drawing paper

No	Revision Note	Checked	Date
△			



3D VIEW

No	PATTERN	LPS	2
1	CARRIER	PC-LQ3104	1
Part Name		Material Description	Q'ty
Scale	Unit	ASSY	Model
1 / 1	mm	Checked by	Approved by
Decimal	Angle	J.O.LIM	File Name
입력: 2022.06.20		N/A	241022-67
HWI-ABG-PS10 드림머스			
Hanwool Technology			