

## TEST REPORT

1. Test Period : 2022-03-17 ~ 2022-03-18

2. Applicant : Company Name : HYE YEON ELECTRONIC CO.,LTD

President / C.E.O. : Sung Bum Ko

Personal I.D. No. : -

Company Address : #301 Ga-Dong,17,geobuk-ro,seo-gu,Incheon,  
Republic of Korea 22793

3. Equipment Name /  
Model Name : TX-Remote control / HYR260RC

4. Manufacturer /  
Country of Origin : HYE YEON ELECTRONIC CO.,LTD / Korea

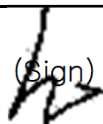

5. Test Result : Pass

2022-03-30

## ESTECH CO., LTD.

Suite 1015 World Meridian II, 123 Gasan Diftal 2-ro, Geumcheon-gu, Seoul, 08505, R.O.Korea  
Tel : +82-2-867-3201, Fax : +82-2-867-3204

## Information of Testing Equipment

Test Equipment	Equipment Name	TX-Remote control	
	Model Name	HYR260RC	
	Use	Remote Control	
	Manufacturer	HYE YEON ELECTRONIC CO.,LTD	
	Operating Frequency	Transmission	426.275 MHz
		Reception	-
	Output Power	5 mW	
Power Supply	DC 3.0 V Battery		
Special Matters	-		
Test Method	Low Power Security Article 2-1-13 MIC notification. No.88 of 2004, Annex 36		
Note	-		
Test Engineer	Ki Ho Kang		 (Sign)
Chief Engineer	Keum Bum Lee		 (Sign)

## Electrical Condition

Equipment Name	TX-Remote control	
Measurement Frequency	F1: 426.275 MHz	
Termination	50 $\Omega$	
Test Environment	Normal temp.	Humidity
	+5~35 $^{\circ}\text{C}$	+45~85%

※ It should be satisfy the conditions of follow later 1 minute after operating the EUT.

Test Item		Test result			Limit	Result
		(+)10%	Rated Voltage	(-)10%		
Frequency Tolerance (kHz)	Normal Temp.	0.038	0.038	0.038	(below $\pm 4$ ppm) F1: $\pm 1.7051$ kHz	Pass
Max. RF Output Power (mW)	Normal Temp.	5.04	5.05	5.05	less than 10 mW Rated output power: 5 mW (2.5-6 mW)	Pass
Occupied Bandwidth (kHz)	Normal Temp.	4.38	4.38	4.38	within 8.5 kHz	Pass
Spurious Emission Strength (uW)	Normal Temp.	0.45	0.45	0.45	less than 2.5 uW	Pass
Restriction Function of Transmission Time (s)	Normal Temp.	2.813 sec / 3.868 sec	2.813 sec / 3.868 sec	2.813 sec / 3.868 sec	Transmission ON : within 3 sec, OFF : over 2 sec	Pass

Test Item		Test result			Limit	Result
		(+)10%	Rated Voltage	(-)10%		
Adjacent Channel Leakage Power (dB)	Normal Temp.	49.82 / 50.11	49.7 / 50.05	49.72 / 50.09	more than 40dB	Pass
Emission Wave Strength when Receiving (nW)	Normal Temp.	0.14	0.14	0.14	less than 4nW	Pass
ID code Length	Normal Temp.	24 bits			48 bits	Pass

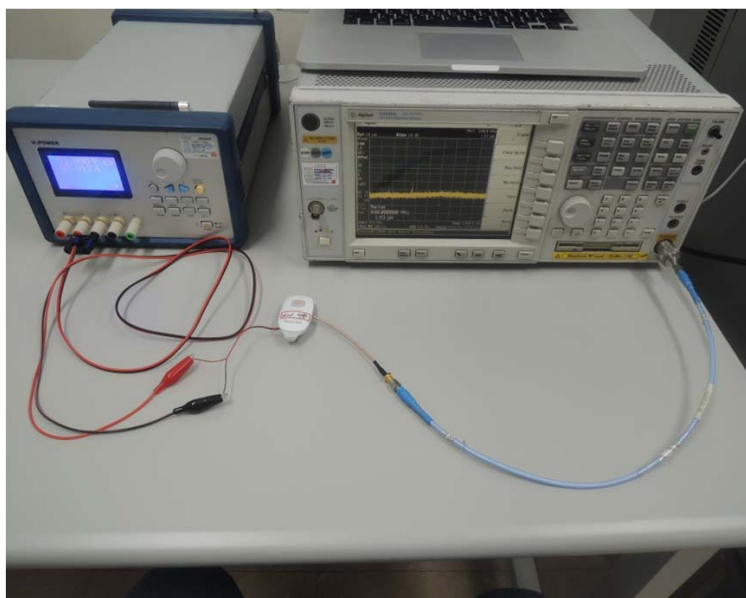
## Measurement Equipments

	Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration lab	Calibration method
■	Spectrum Analyzer	Agilent	E4440A	US40420430	Nov. 29, 2021	Nov. 29, 2022	HCT	c)
■	SIGNAL GENERATOR	ROHDE&SCHWARZ	SMB 100A	177653	Nov. 29, 2021	Nov. 29, 2022	HCT	c)
■	DC Power Supply	VUPOWER	K-3010	02110920	Nov. 29, 2021	Nov. 29, 2022	HCT	c)

## Calibration Method

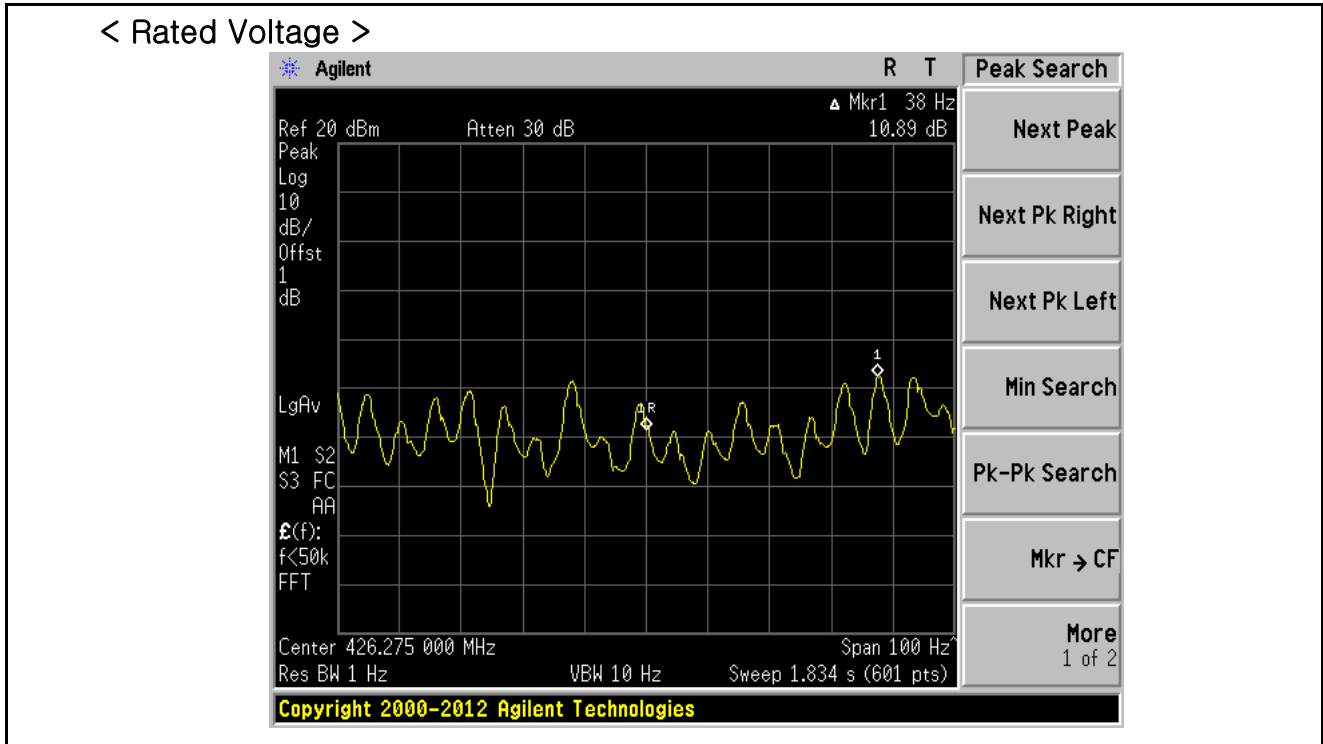
- a) : Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law.
- b) : Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
- c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- d) : Calibration conducted by using other equipment that listed above from a) to c).

## Test Conditions Photographs

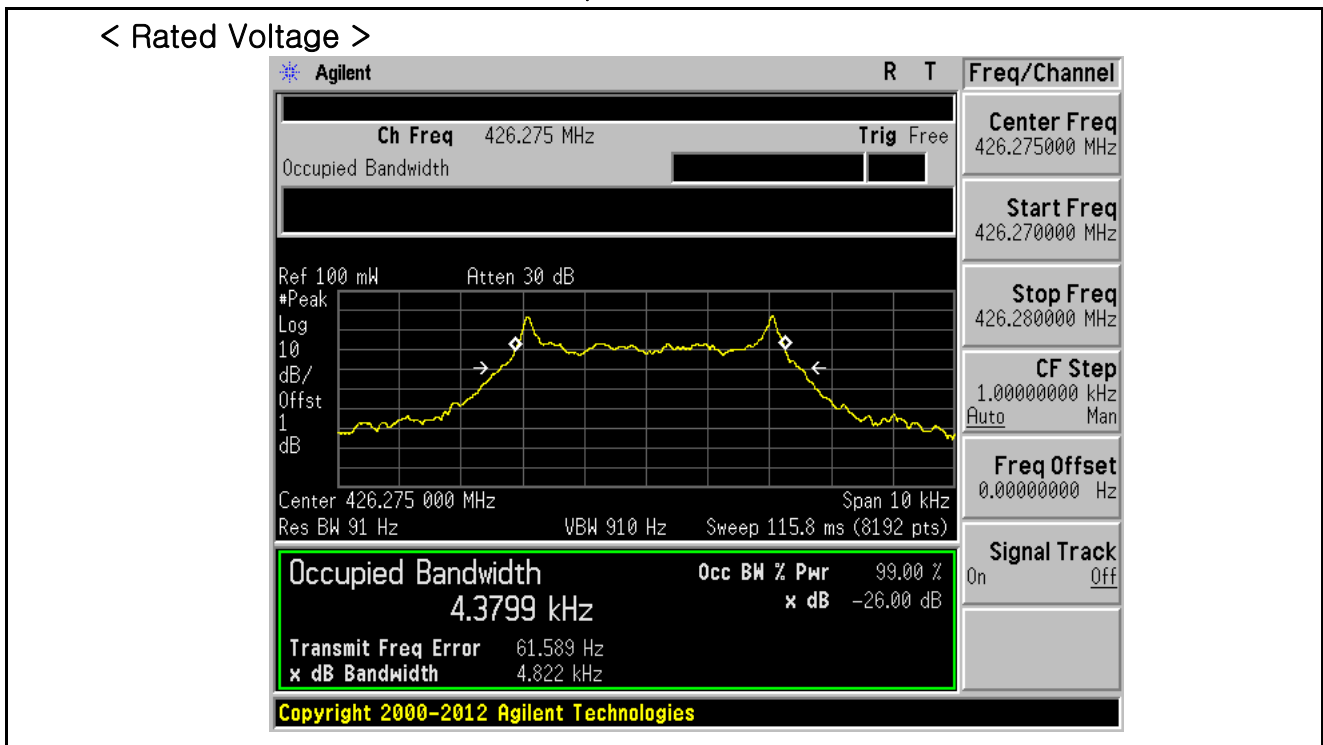


The picture of test data

### Frequency Tolerance

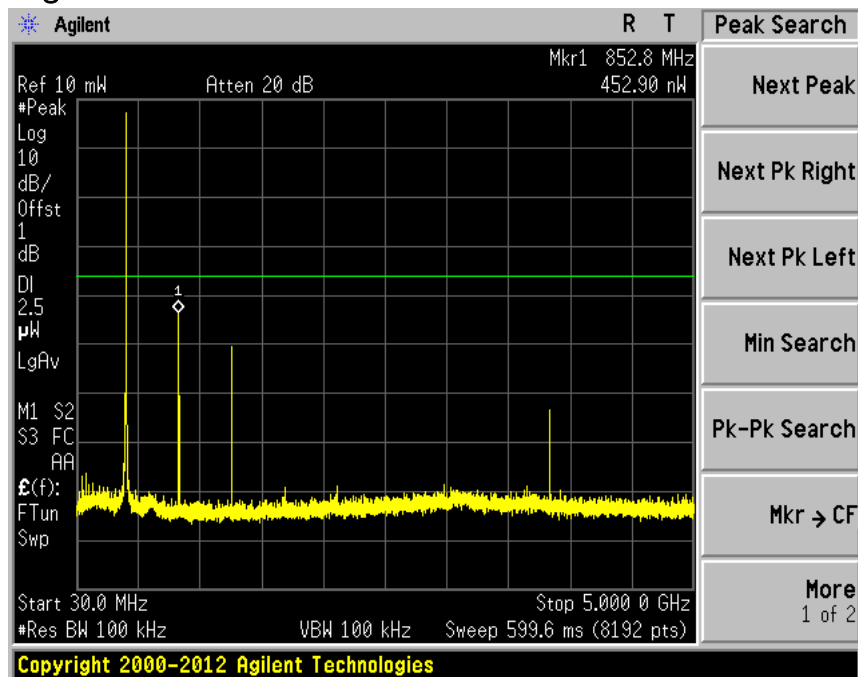


### Occupied Bandwidth



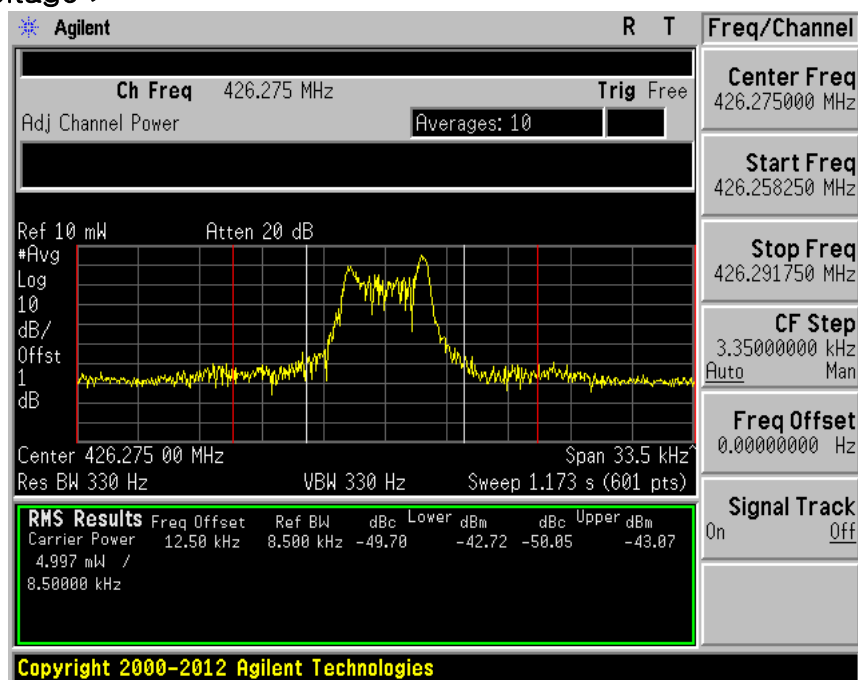
## Spurious Emission Strength

< Rated Voltage >



## Adjacent Channel Leakage Power

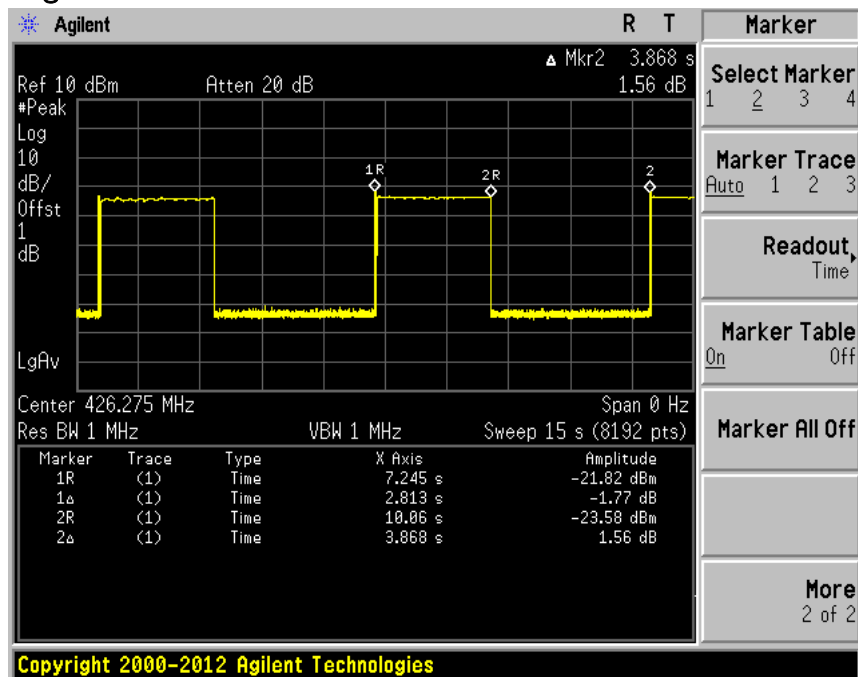
< Rated Voltage >





## Restriction Function of Transmission Time

< Rated Voltage >



## Emission Wave Strength when Receiving

< Rated Voltage >

