



Project No.: TM-2608000204P
Report No.: TMWK2608003874KR

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JAPAN SPECIFIED RADIO EQUIPMENT

TEST REPORT

For

Radio Frequency Transmitter (key fob)

Trade Name: AUMOVIO

Model: TP_2

Issued to
AUMOVIO Germany GmbH
Guerickestraße 7, D-60488, Frankfurt am Main, Germany

Issued by
Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan
Issued Date: September 15, 2026

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	September 09, 2026	Initial Issue	ALL	Allison Chen
01	September 15, 2026	See the following Note Rev.(01)	P.29	Allison Chen

Note:

Rev.(01)

1. Added equipment-control description in section 5.7.



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1. TEST RESULT CERTIFICATION

Applicant: AUMOVIO Germany GmbH
Guerickestraße 7, D-60488, Frankfurt am Main, Germany

Manufacturer: AUMOVIO Germany GmbH
Guerickestraße 7, D-60488, Frankfurt am Main, Germany

Factory: AUMOVIO GUADALAJARA MEXICO S. DE R.L. DE C.V.
Camino a la Tijera No. 3, La Tijera
45647 Tlajomulco de Zúñiga, Jalisco
Mexico

Equipment Under Test: Radio Frequency Transmitter (key fob)

Trade Name: AUMOVIO

Model Number: TP_2

Detailed EUT Description: See Item 3 of this report

EUT Receive Date August 13, 2026

Date of Test: August 31 ~ September 02, 2026



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APPLICABLE STANDARDS	
CLASSIFICATION	TEST RESULT
Article 2 Clause 1 Item 8	Compliance
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

The above equipment was tested by Compliance Certification Services Inc. for compliance with the requirements set forth in Article 2 Clause 1 Item 8. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Shawn Wu
Supervisor



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2. EUT DESCRIPTION

Product	Radio Frequency Transmitter (key fob)		
Model Number	TP_2		
Trade Name	AUMOVIO		
Power Supply	Power from Power Supply. (DC 3V)		
Model Discrepancy	N/A		
Frequency Range	TX: 433.66MHz & 434.18MHz		
Rated Antenna Power (EIRP)	0.00100 W		
Measured Antenna Power (EIRP)		433.66 MHz	434.18 MHz
	Low Voltage	3.953666 μ W	3.935501 μ W
	Normal Voltage	3.926449 μ W	3.908409 μ W
	High Voltage	4.036454 μ W	4.027170 μ W
Test Category	Specified Low Power Radio Equipment		
Modulation Technique	FSK		
Antenna Specification	Type: Loop Antenna Gain: -25.78 dBi		
H.W Version	C1		
S.W Version	06.00		

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.



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3. TEST METHODOLOGY & CONDITIONS

3.1 TEST CONDITIONS

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input DC Power	3	3.3	2.7
Output DC Power	3	3.3	2.7

Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

3.2 TESTING APPLIED STANDARDS

MIC Notice No.88 Appendix No.1
MIC Notification, No. 88 of 2004, appendix 22-16
MIC Certification Rule, Article 2 Paragraph 1 Item 8

3.3 DESCRIPTION OF TEST MODES

The EUT (model: TP_2) had been tested under operating condition.

Software used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

3.4 RF SHIELDING METHOD

Housing requirements: Supersonic sealing method is used to seal the case for preventing direct access to the RF parts.



3.5 SETUP OF EQUIPMENT UNDER TEST

Setup Diagram

See test photographs attached in Appendix A for the actual connections between EUT and support equipment.

Support Equipment

Conducted_TELEC (All)						
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	Remark
DC Power Cable	MISUMI	MCR3S-RE	N/A	N/A	N/A	1



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4 INSTRUMENT AND CALIBRATION

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2 TEST AND MEASUREMENT EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and other equivalent standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective manual.

4.3 EQUIPMENT USED FOR EMISSION MEASUREMENT

Conducted TELECOM (All)								
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	Calibration Lab	Accreditation Organization of the-Cal. Lab	Calibration Method
PXA Signal Analyzer	Keysight	N9030B	MY62291089	2025/09/24	2026/09/23	ETC	TAF	c
DC Power Source	GWINSTEK	SPS-3610	GPE880163	2025/10/14	2026/10/13	ETC	TAF	c
Software	N/A							

Remark:

- Each piece of equipment is scheduled for calibration once a year.
- Calibration Method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
 - Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
 - 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)
 - Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

4.4 MEASUREMENT UNCERTAINTY

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR 100 028-1 [2] and shall correspond to an expansion factor (coverage factor) $k = 1,96$ or $k = 2$ (which provide confidence levels of respectively 95 % and 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Table is based on such expansion factors.

Table: Maximum measurement uncertainty

PARAMETER	UNCERTAINTY
Frequency error measurement	$\pm 0.055\text{dB}$
occupied bandwidth measurement (99%)	$\pm 0.085\text{dB}$
antenna power (Conducted) measurement	$\pm 0.883\text{dB}$
Unwanted emission strength measurement	$\pm 2.105\text{dB}$
Frequency Error	$\pm 0.055\text{dB}$
antenna power	$\pm 0.883\text{dB}$
spurious emission intensity	$\pm 2.105\text{dB}$



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5 SUMMARY OF TEST RESULTS

MIC Notice No.88, 2004, Appendix No.22 Article 2, Paragraph 1, Item 8 Rules Section	Report Chapter	Classification of EUT	Result
2	5.2	Frequency Tolerance	Compliance
3	5.3	Occupied Bandwidth	Compliance
5	5.4	Output Power Tolerance	Compliance
4	5.5	Unwanted Emission Strength	Compliance
7	5.6	Secondary Radiated Emission Strength	Compliance
8	5.7	Transmission time restriction	Compliance



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5.1 TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Peak Antenna Gain	-25.78	dBi
Rated Output Power(E.I.R.P)	0.00100	W
Rated Output Power(E.I.R.P)	0.00	dBm
Input Power Voltage	2.7	VDC

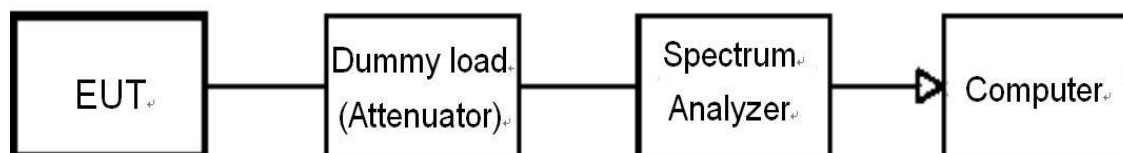
Normal Voltage:

Peak Antenna Gain	-25.78	dBi
Rated Output Power(E.I.R.P)	0.00100	W
Rated Output Power(E.I.R.P)	0.00	dBm
Input Power Voltage	3.0	VDC

High Voltage:

Peak Antenna Gain	-25.78	dBi
Rated Output Power(E.I.R.P)	0.00100	W
Rated Output Power(E.I.R.P)	0.00	dBm
Input Power Voltage	3.3	VDC

5.2 FREQUENCY TOLERANCE



LIMIT

Frequency Tolerance: $433.05 \text{ MHz} \leq f \leq 434.79 \text{ MHz}$.

TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634124	434.154092	PASS
Upper Frequency	MHz	433.682519	434.202490	PASS

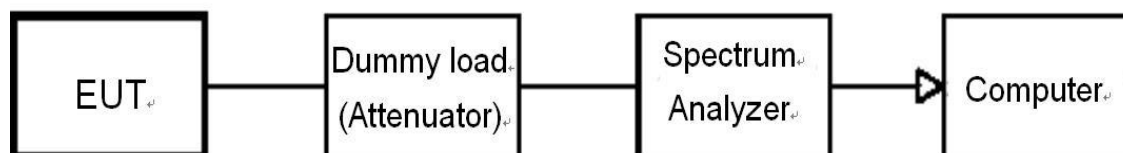
Normal Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634106	434.154074	PASS
Upper Frequency	MHz	433.682502	434.202468	PASS

High Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634151	434.154110	PASS
Upper Frequency	MHz	433.682540	434.202507	PASS

5.3 OCCUPIED BANDWIDTH



LIMIT

Max. Occupied Bandwidth $\leq$ 1.74 MHz.

TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634124	434.154092	PASS
Upper Frequency	MHz	433.682519	434.202490	PASS
Occupied Bandwidth	kHz	48.395	48.398	-----

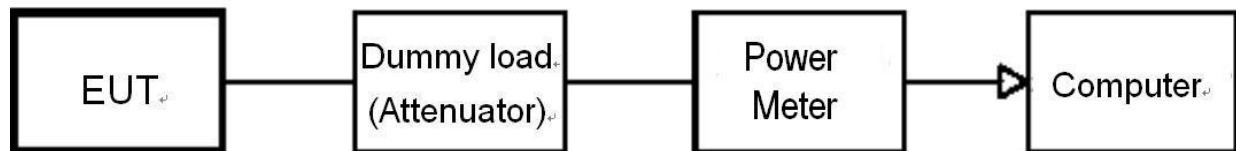
Normal Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634106	434.154074	PASS
Upper Frequency	MHz	433.682502	434.202468	PASS
Occupied Bandwidth	kHz	48.396	48.394	-----

High Voltage:

Measured Frequency	MHz	433.66	434.18	Result
Lower Frequency	MHz	433.634151	434.154110	PASS
Upper Frequency	MHz	433.682540	434.202507	PASS
Occupied Bandwidth	kHz	48.389	48.397	-----

5.4 ANTENNA POWER/ANTENNA POWER TOLERANCE/TRANSMITTER ANTENNA GAIN



LIMIT

RF Output Power (E.I.R.P.) ≤ 1 mW.

RF Output Power Tolerance $\leq 20\%$.

TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Measured Frequency	MHz	433.66	434.18	Result
RF Output Power	μ W	1496.235656	1489.361078	reference
RF Output Power (E.I.R.P.)	μ W	3.953666	3.935501	PASS
RF Output Power Tolerance	%	-99.60	-99.61	PASS
Real Output Power (E.I.R.P.)	dBm	-24.03	-24.05	reference

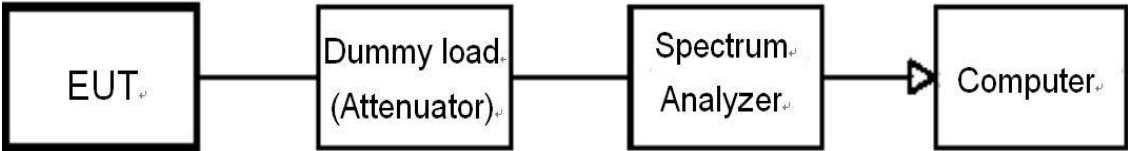
Normal Voltage:

Measured Frequency	MHz	433.66	434.18	Result
RF Output Power	μ W	1485.935642	1479.108388	reference
RF Output Power (E.I.R.P.)	μ W	3.926449	3.908409	PASS
RF Output Power Tolerance	%	-99.61	-99.61	PASS
Real Output Power (E.I.R.P.)	dBm	-24.06	-24.08	reference

High Voltage:

Measured Frequency	MHz	433.66	434.18	Result
RF Output Power	μ W	1527.566058	1524.052754	reference
RF Output Power (E.I.R.P.)	μ W	4.036454	4.027170	PASS
RF Output Power Tolerance	%	-99.60	-99.60	PASS
Real Output Power (E.I.R.P.)	dBm	-23.94	-23.95	reference

5.5 UNWANTED EMISSION STRENGTH MEASUREMENT



LIMIT

Frequency (MHz)	Limit
30MHz to 433.05MHz	≤ 250nW (-36 dBm) / 100kHz
434.79MHz to1GHz	≤ 250nW (-36 dBm) / 100kHz
1GHz to 4GHz	≤ 1μW (-30 dBm)/MHz



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TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Unwanted Emission Strength (E.I.R.P.)	30MHz-433.05MHz	dBm/100kHz	-66.8100	-73.2900	PASS
		MHz	433.05	433.05	-----
	434.79MHz to 1GHz	dBm/100kHz	-53.1900	-53.2700	PASS
		MHz	867.29	868.31	-----
	1GHz to 4GHz	dBm/MHz	-67.8400	-67.6700	PASS
		MHz	4770.0	4775.6	-----

Normal Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Unwanted Emission Strength (E.I.R.P.)	30MHz-433.05MHz	dBm/100kHz	-65.3700	-71.3300	PASS
		MHz	433.05	433.05	-----
	434.79MHz to 1GHz	dBm/100kHz	-53.2000	-53.2700	PASS
		MHz	867.29	868.36	-----
	1GHz to 4GHz	dBm/MHz	-67.7700	-67.5200	PASS
		MHz	4770.0	4775.6	-----

High Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Unwanted Emission Strength (E.I.R.P.)	30MHz-433.05MHz	dBm/100kHz	-69.2700	-72.3500	PASS
		MHz	433.05	433.05	-----
	434.79MHz to 1GHz	dBm/100kHz	-53.0600	-53.1400	PASS
		MHz	867.35	868.31	-----
	1GHz to 4GHz	dBm/MHz	-67.9400	-67.8500	PASS
		MHz	4770.0	4775.6	-----

Note:

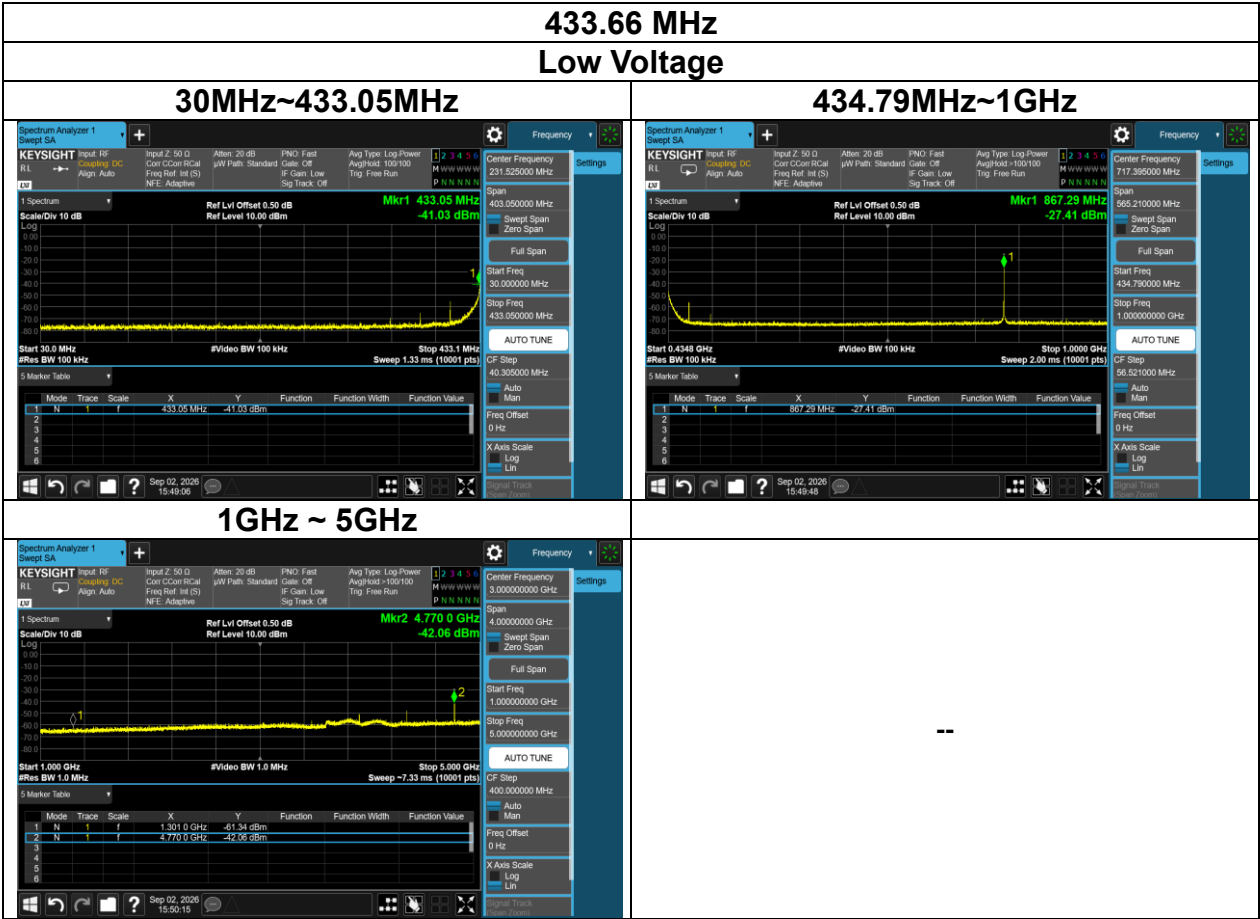
EIRP result value = measured value + antenna gain

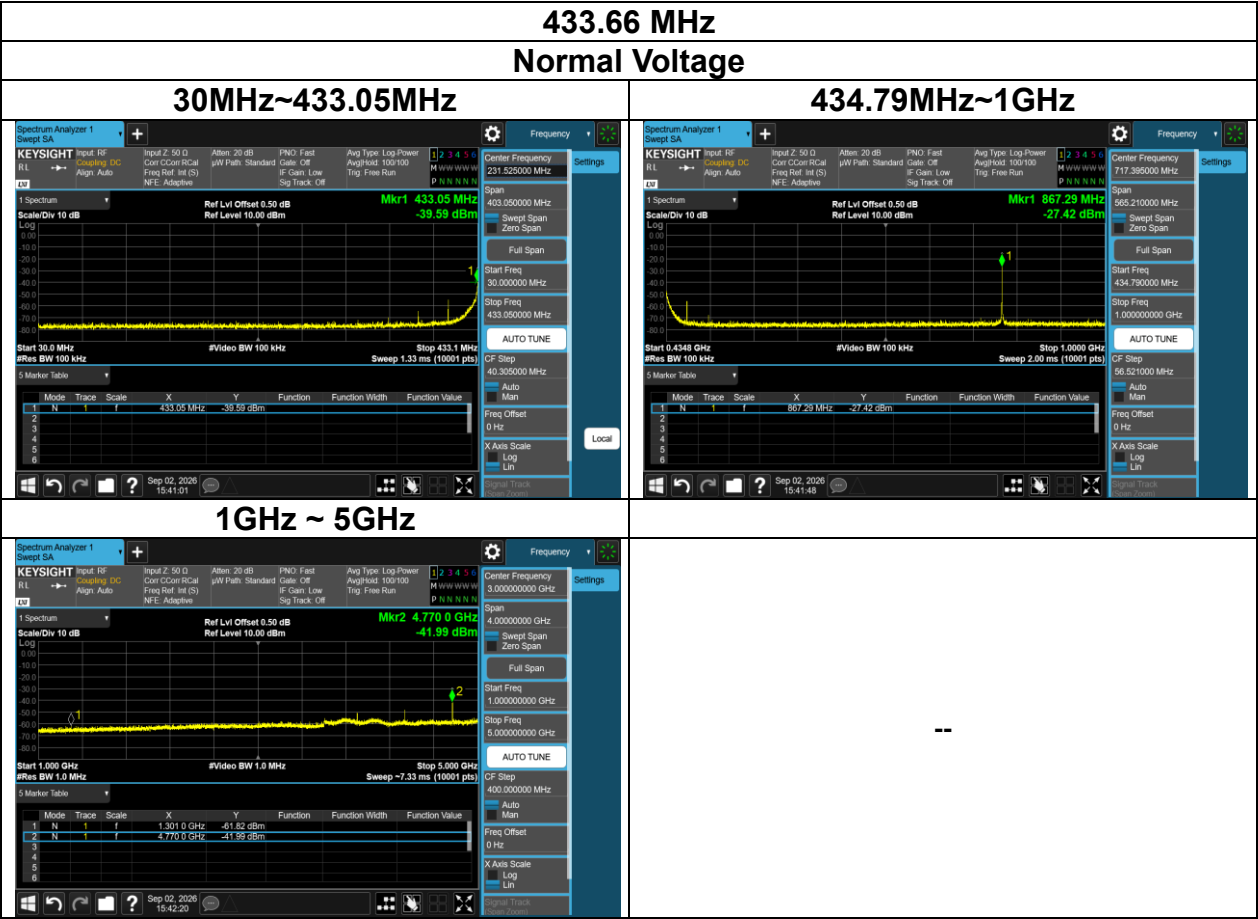


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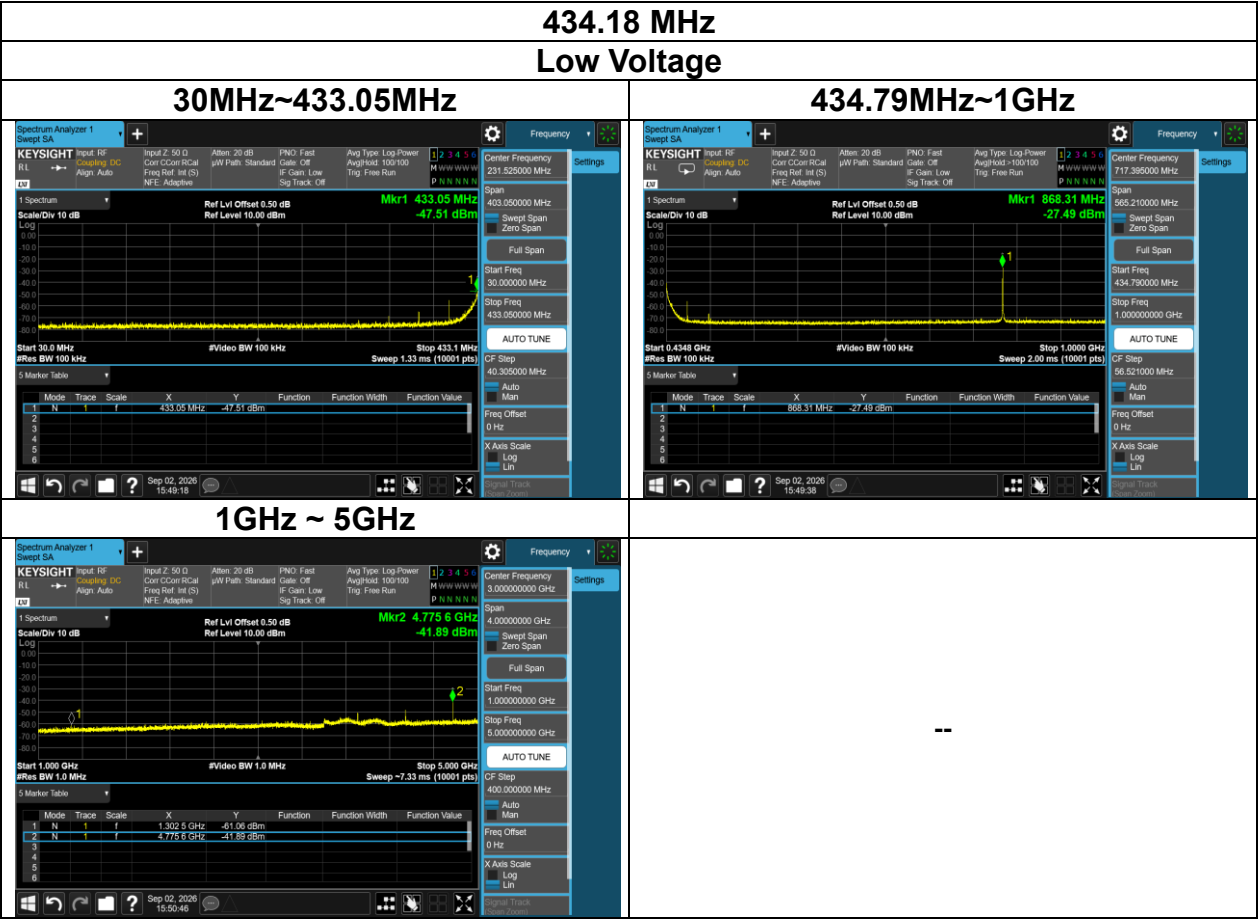


1GHz ~ 5GHz

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Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	F	1.301 GHz	-61.82 dBm			
2	N	F	4.770 GHz	-41.99 dBm			
3	N	F					
4	N	F					
5	N	F					
6	N	F					

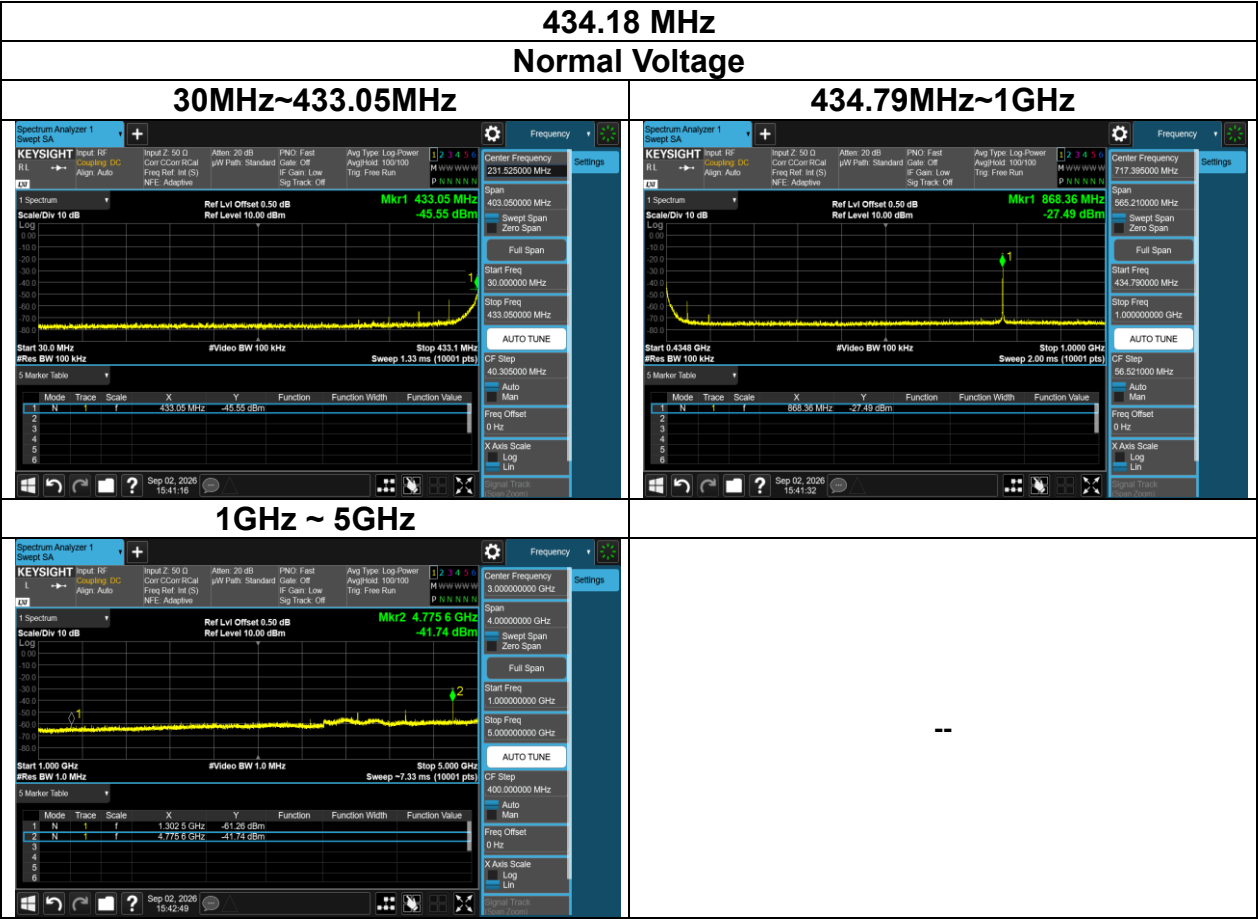
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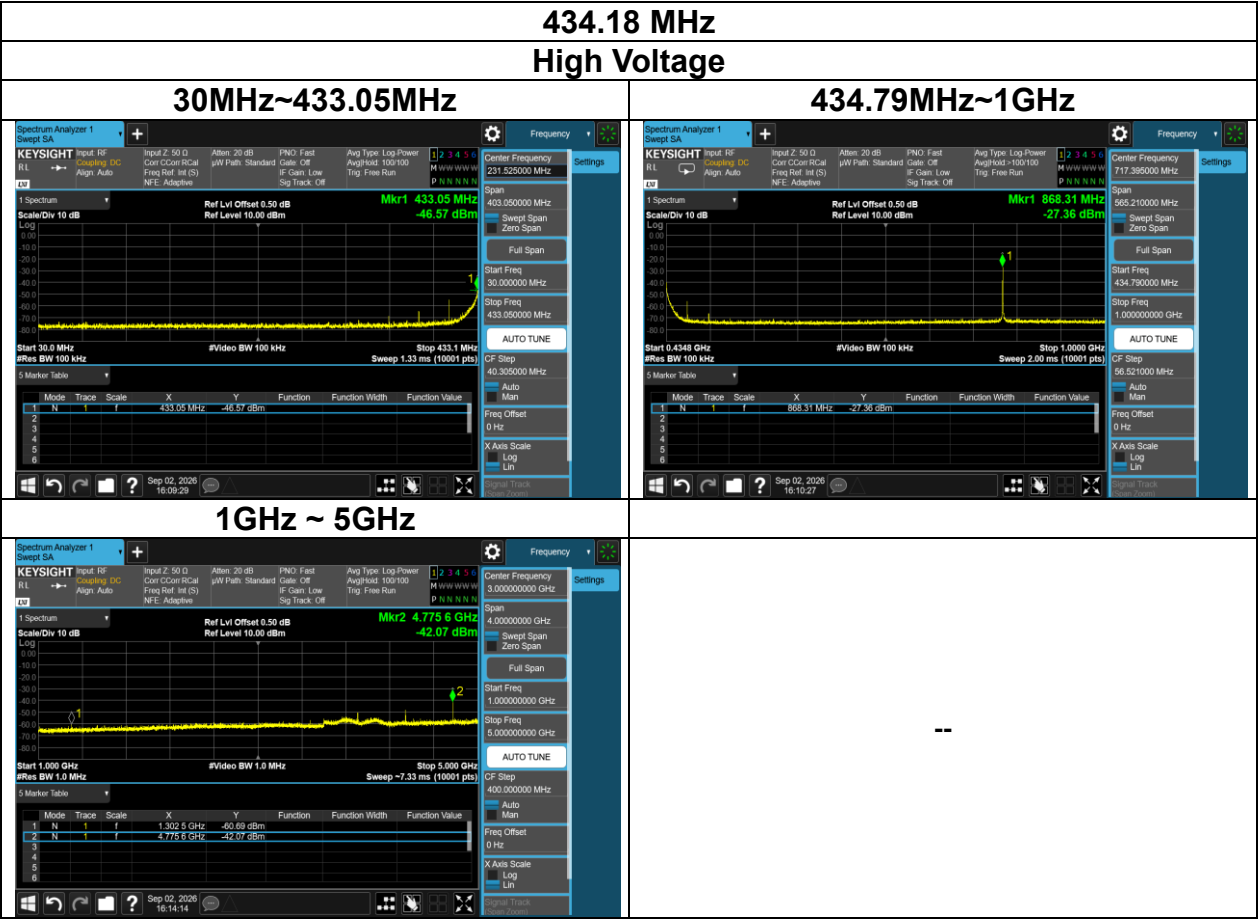




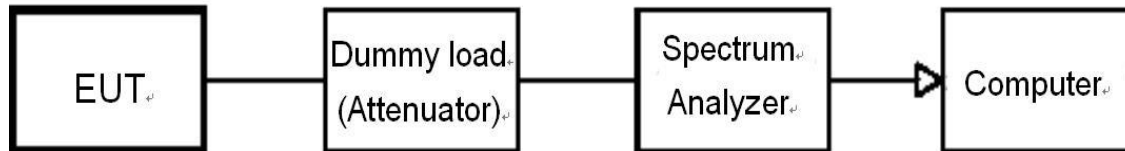
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5.6 SECONDARY RADIATED EMISSION STRENGTH



LIMIT

Frequency (MHz)	Limit
30 ~ 1000MHz	$\leq 4\text{nW} (-54\text{dBm}) / 100\text{kHz} (\text{E.I.R.P})$
1 ~ 4GHz	$\leq 4\text{nW} (-54\text{dBm}) / \text{MHz} (\text{E.I.R.P})$

TEST RESULT

Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang

Low Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Secondarily Emitted Radio Wave Strength (E.I.R.P.)	Under 1GHz	nW/100kHz	0.00000003	0.00000002	PASS
		MHz	852.269	704.053	-----
	1GHz to 4GHz	nW/MHz	0.00000095	0.00000089	PASS
		MHz	4030.8	3784.4	-----

Normal Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Secondarily Emitted Radio Wave Strength (E.I.R.P.)	Under 1GHz	nW/100kHz	0.00000002	0.00000002	PASS
		MHz	887.092	954.701	----
	1GHz to 4GHz	nW/MHz	0.00000098	0.00000091	PASS
		MHz	3814.0	3798.8	----

High Voltage:

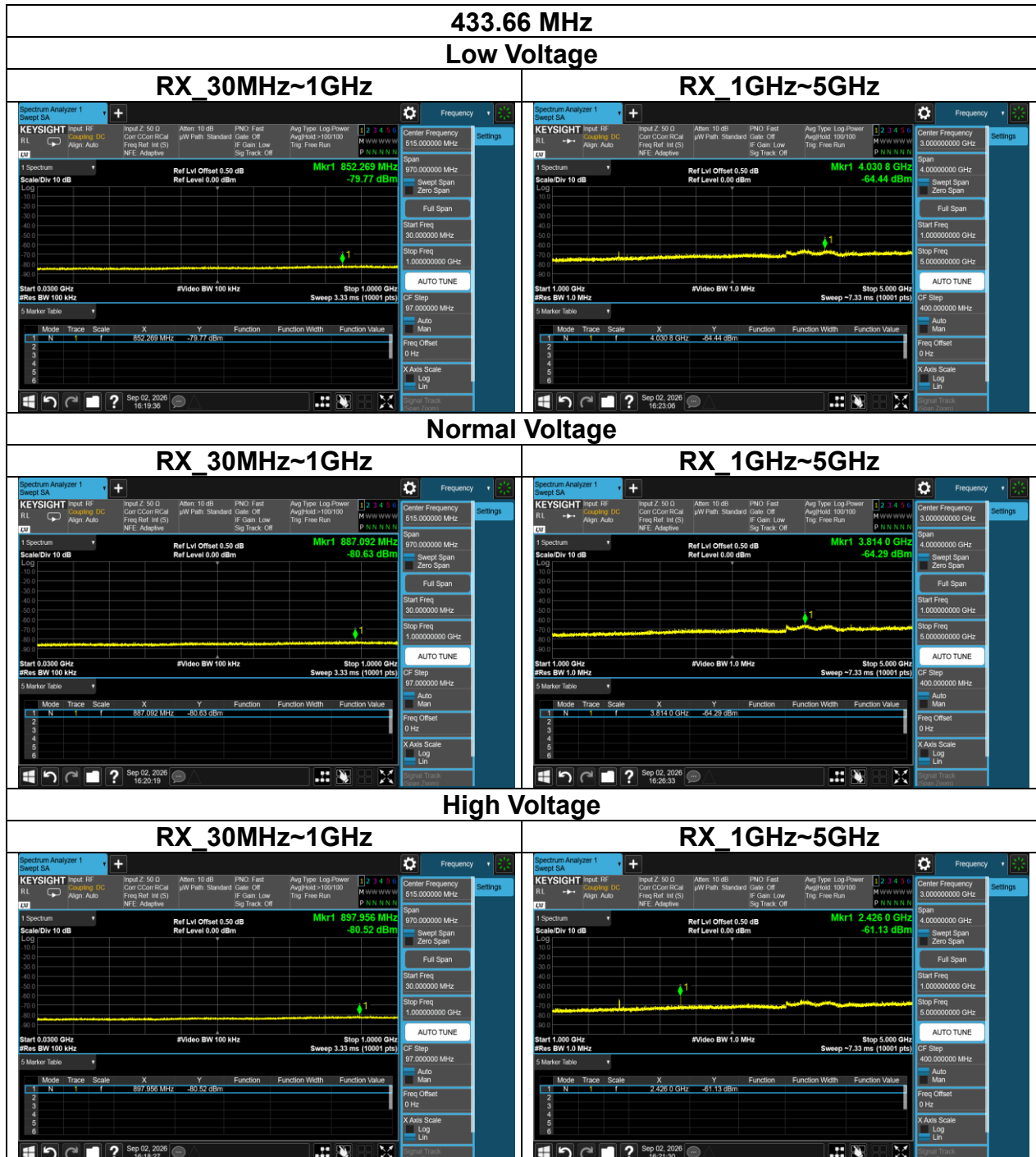
Measured Frequency		MHz	433.66	434.18	Result
Secondarily Emitted Radio Wave Strength (E.I.R.P.)	Under 1GHz	nW/100kHz	0.00000002	0.00000002	PASS
		MHz	897.956	990.009	----
	1GHz to 4GHz	nW/MHz	0.00000204	0.00000127	PASS
		MHz	2426.0	1751.6	----

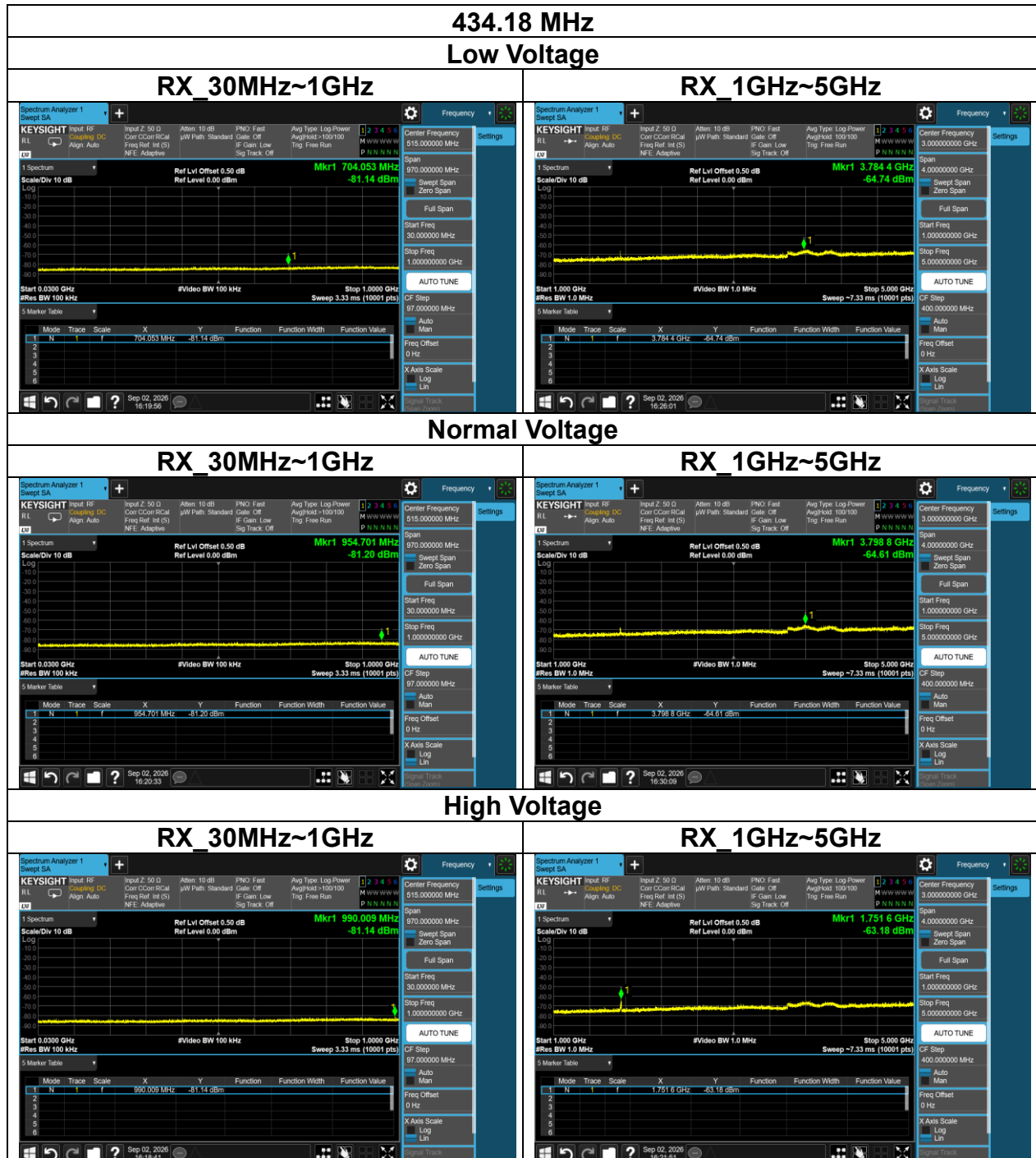


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5.7 TRANSMISSION TIME RESTRICTION

LIMIT

Transmission Time Restriction

Total transmission time: 360/1hour or less
(Periodic transmission: transmission time within 1s / pause time over 1ms)

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Temperature:	23.8~24.2°C	Test Date:	August 31~September 02, 2026
Humidity:	56~57%RH	Test By:	Jerry Chang
Note: The EUT is a manual remote control for automotive applications without continuous or automatic periodic transmission. The transmission is triggered solely by manual button presses. Based on a maximum single transmission duration of 96 ms (0.096 seconds) per activation, a user would need to activate the device more than 3,750 times within any 1-hour period to reach the 360-second limit. Therefore, under normal operating conditions, the device fully complies with the cumulative 360 seconds/hour transmission time requirement.			

Low Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Transmission Time	ON Time	ms	24.00	24.00	-----
Total transmission time Restriction	ON Time	ms	96.00	96.00	PASS

Normal Voltage:

Measured Frequency		MHz	433.66	434.18	Result
Transmission Time	ON Time	ms	24.00	24.00	-----
Total transmission time Restriction	ON Time	ms	96.00	96.00	PASS

High Voltage:

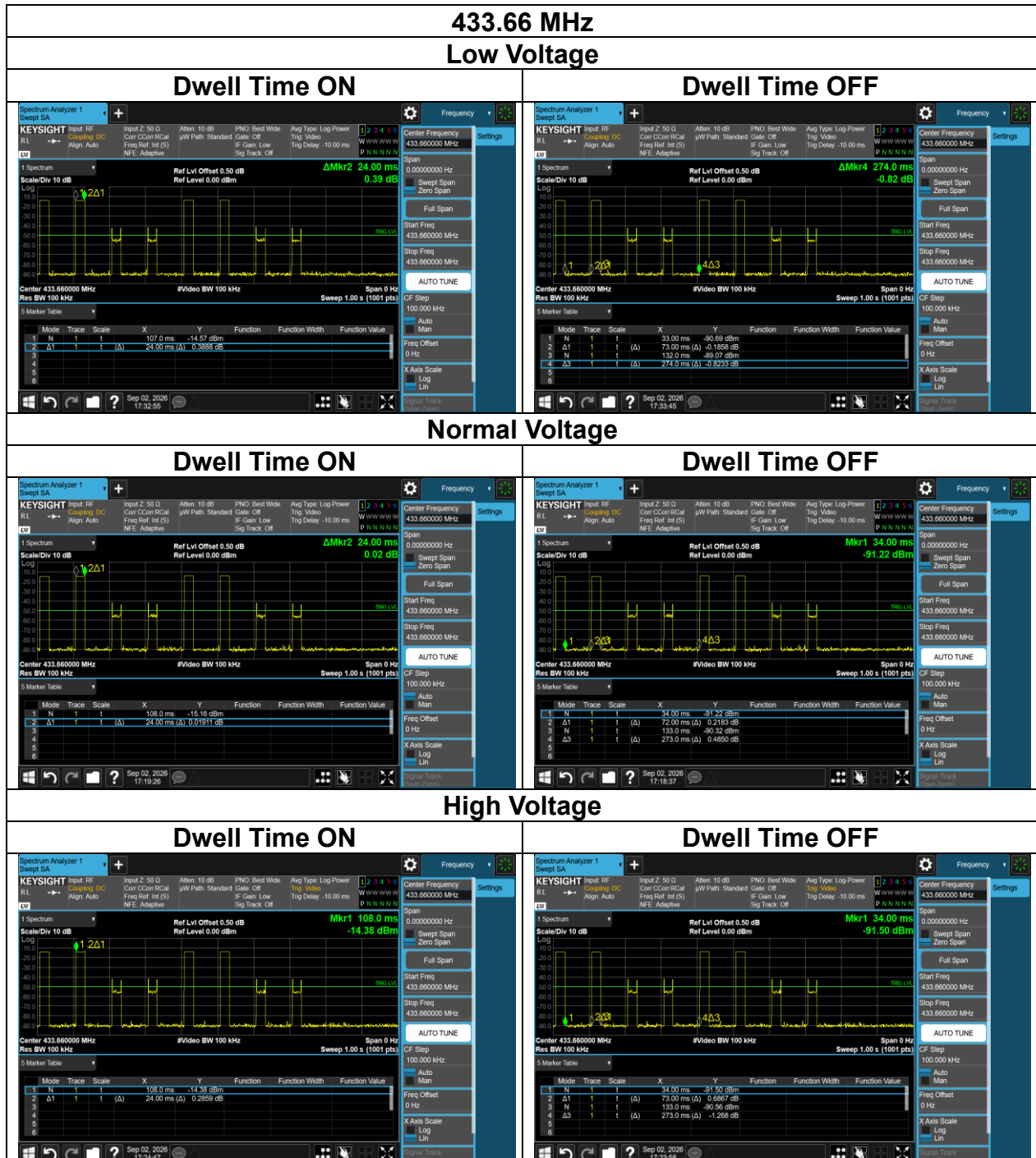
Measured Frequency		MHz	433.66	434.18	Result
Transmission Time	ON Time	ms	24.00	24.00	-----
Total transmission time Restriction	ON Time	ms	96.00	96.00	PASS



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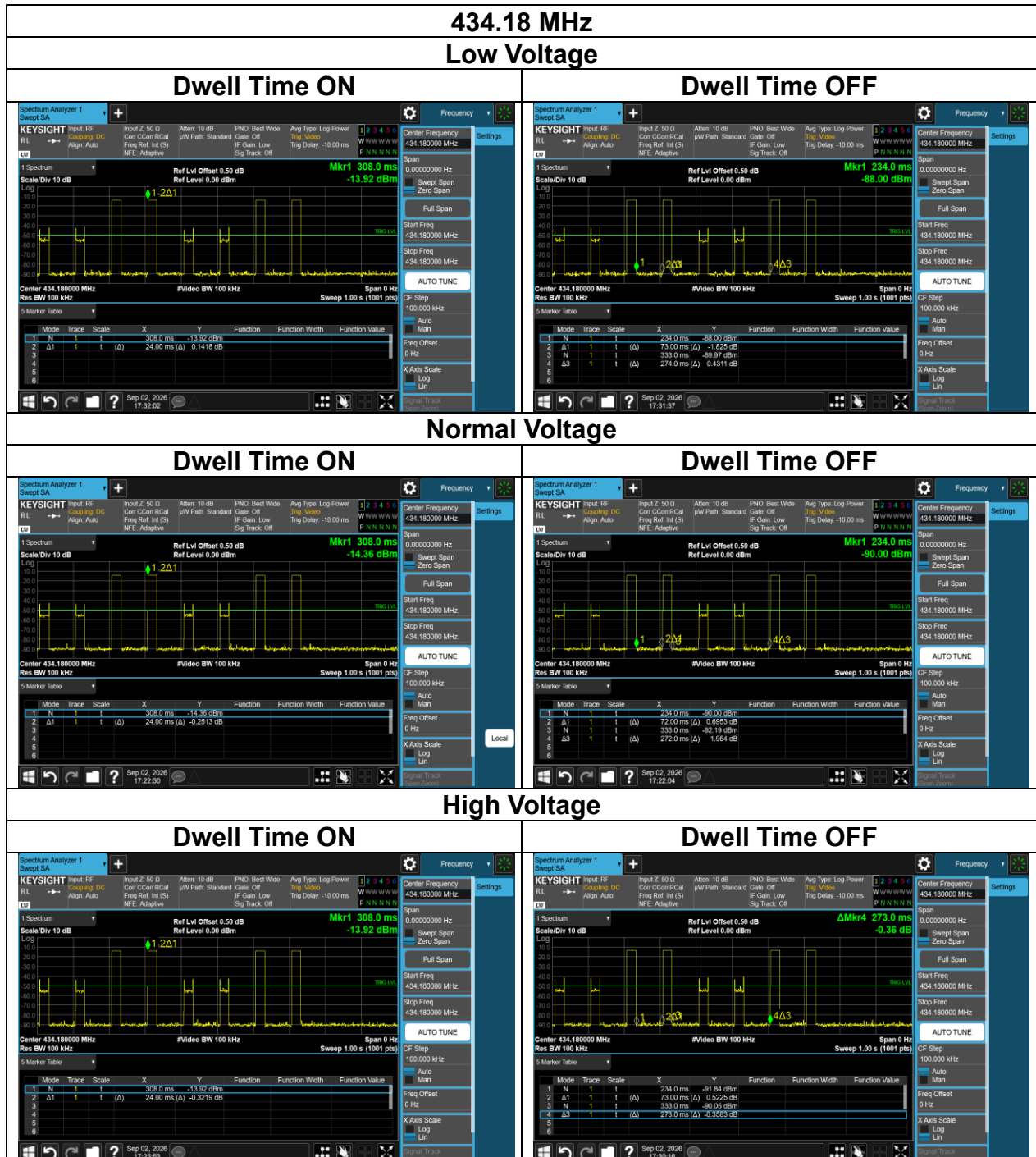
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