

RADIO PERFORMANCE TEST REPORT

Test Report No. : OT-25N-RWD-031
Reception No. : 2509003114
Applicant : Remote Solution Co., Ltd.
Address : 92, Chongokri, Nammyun, Kimchon, Kyungbuk, 740-871, South Korea
Manufacturer : Remote Solution Co., Ltd.
Address : 326-14, Apo-daero, Nam-myeon, Gimcheon-si, Gyeongsangbuk-do, 39662, South Korea
Type of Equipment : Remote control Unit
FCC ID. : TX4-RE72
Model Name : RE72
Multiple Model Name : RE71
Serial number : N/A
Total page of Report : 22 pages (including this page)
Date of Incoming : September 23, 2025
Date of issue : November 18, 2025

SUMMARY

The equipment complies with the regulation; **FCC PART 15 SUBPART C Section 15.247**

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

This test report is not associated with the accreditation granted by the Korean Laboratory Accreditation Scheme (KOLAS).

한동연




Tested by
Dong-Yeon, Han / Engineer
ONETECH Corp.

Reviewed by
Tae-Ho, Kim / Chief Engineer
ONETECH Corp.

Approved by
Jae-Ho, Lee / Director
ONETECH Corp.

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※ Please refer to the Annex section for All test plots

Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-25N-RWD-031	November 18, 2025	Initial Release	All

1. VERIFICATION OF COMPLIANCE

Applicant : Remote Solution Co., Ltd.
Address : 92, Chongokri, Nammyun, Kimchon, Kyungbuk, 740-871, South Korea
Contact Person : Byung-Cheol Kim / Manager
Telephone No. : +82-54-420-4517
FCC ID : TX4-RE72
Model Name : RE72
Brand Name : -
Serial Number : N/A
Date : November 18, 2025

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
E.U.T. DESCRIPTION	Remote control Unit
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2020
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247 KDB 558074 D01 15.247 Meas Guidance v05r02
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
15.247 (a) (2)	Minimum 6 dB Bandwidth	Met the Limit / PASS
15.247 (b) (3)	Maximum Peak Conducted Output Power	Met the Limit / PASS
15.247 (d)	100 kHz Bandwidth Outside the Frequency Band	Met the Limit / PASS
15.247 (d)	Radiated Emission which fall in the Restricted Band	Met the Limit / PASS
15.247 (e)	Peak Power Spectral Density	Met the Limit / PASS
15.209	Radiated Emission Limits	Met the Limit / PASS
15.207	Conducted Limits	N/A (See Note)
15.203	Antenna Requirement	Met requirement / PASS

Note.: This test item is not required as EUT is operated by the DC battery.

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Purpose of the test

To determine whether the equipment under test fulfills the requirements of the regulation stated in FCC PART 15 SUBPART C Section 15.247.

2.5 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10: 2020. Radiated testing was performed at a distance of 3 m from EUT to the antenna.

2.6 Test Facility

The Onetech Corp. has been designated to perform equipment testing in compliance with ISO/IEC 17025.

The Electromagnetic compatibility measurement facilities are located at 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, Korea.

-. Site Filing:

VCCI (Voluntary Control Council for Interference) – Registration No. R-20122/ C-14617/ G-10666/ T-11842

ISED (Innovation, Science and Economic Development Canada) – Registration No. Site# 3736A-3

KOLAS (Korea Laboratory Accreditation Scheme) - Accreditation NO. KT085

FCC (Federal Communications Commission) - Accreditation No. KR0013

RRA (Radio Research Agency) – Designation No. KR0013

3. GENERAL INFORMATION

3.1 Product Description

The Remote Solution Co., Ltd., Model RE72 (referred to as the EUT in this report) is a Remote control Unit. The product specification described herein was obtained from product data sheet or user's manual.

Device Type	Remote control Unit	
Temperature Range	0 °C ~ +50 °C	
Operating Frequency	2 402 MHz ~ 2 480 MHz	
MAX. RF OUTPUT POWER	1 Mbps	4.86 dBm
	2 Mbps	4.74 dBm
Number of Channel	40 Channels	
Modulation Type	GFSK	
Antenna Type	PCB Antenna	
Antenna Gain	2.42 dBi	
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	32 MHz	
Rated Supply Voltage	DC 3.30 V	

3.2 Alternative type(s)/model(s); also covered by this test report.

-. The following lists consist of the added model and their differences.

Model Name	Differences	Tested
RE72	Basic Model	☒
RE71	The model is identical to basic model except for the Key Backlight, Ambient Light Sensor, Accelerometer IC, DC-DC Convertor.	☐

Note: 1. Applicant consigns only basic model to test. Therefore this test report just guarantees the units, which have been tested.

2. The Applicant/manufacture is responsible for the compliance of all variants.

4. EUT MODIFICATIONS

-. None

5. SYSTEM TEST CONFIGURATION

5.1 Justification

This device was configured for testing in a typical way as a normal customer is supposed to be used. During the test, the following components were installed inside of the EUT.

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER	FCC ID
Main Board	Remote Solution Co., Ltd.	RE72/RE71 1BS-3211D	N/A

5.2 Peripheral equipment

Defined as equipment needed for correct operation of the EUT, but not considered as tested:

Model	Manufacturer	Description	Connected to
RE72	Remote Solution Co., Ltd.	Remote control Unit (EUT)	-
80XH	LENOVO	Notebook PC	EUT
PA-1450-55LR	Liteon	AC Adapter	

5.3 Mode of operation during the test

For the testing, software used to control the EUT for staying in continuous transmitting is programmed.

For final testing, the EUT was set at 2 402 MHz, 2 440 MHz, and 2 480 MHz to get a maximum emission levels from the EUT. The EUT was moved throughout the XY, XZ, and YZ planes and the worst case is “XY” axis, but the worst data was recorded in this report.

-. Frequency / Channel Operations

Channel	Frequency
0	2 402
19	2 440
39	2 480

-. Duty Cycle

Mode	Tx On Time [ms]	Tx Off Time [ms]	Duty Cycle [%]	Correction Factor [dB]
Bluetooth LE 1 Mbps	-	-	100.00	0.00
Bluetooth LE 2 Mbps	-	-	100.00	0.00

Note – Duty Cycle : (Tx On Time / (Tx On Time + Tx Off Time)) * 100

Correction Factor : 10 * Log(1 / (Duty Cycle / 100))

5.4 Configuration of Test System

Line Conducted Test: This test item is not required as EUT is operated by the DC battery.

Radiated Emission Test: Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10: 2020 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 meter Semi Anechoic Chamber.

The turntable was rotated through 360 degrees and the EUT was tested by positioned three orthogonal planes to obtain the highest reading on the field strength meter. Once maximum reading was determined, the search antenna was raised and lowered in both vertical and horizontal polarization.

5.5 Antenna Requirement

For intentional device, according to section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

Antenna Construction:

The antenna of the EUT is a PCB Antenna on the main board in the EUT, so no consideration of replacement by the user.

6. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2020.

All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence.

The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty (dB)
Conducted Output Power	1.22
Conducted Spurious Emission < 26.5 GHz	1.40
Power Spectral Density	1.22
Radiated Disturbance (9 kHz ~ 30 MHz)	4.09
Radiated Disturbance (30 MHz ~ 1 GHz)	3.28
Radiated Disturbance (1 GHz ~ 18 GHz)	4.42
Radiated Disturbance (18 GHz ~ 40 GHz)	5.12

7. PRELIMINARY TEST

7.1 AC Power line Conducted Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
This test item is not required as EUT is operated by the DC battery.	

7.2 General Radiated Emissions Tests

During Preliminary Test, the following operating mode was investigated.

Operation Mode	The Worse operating condition (Please check one only)
Transmitting Mode	X

8. MINIMUM 6 dB BANDWIDTH

8.1 Operating environment

Temperature : 22 °C
Relative humidity : 41 % R.H.

8.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer. The resolution bandwidth is set to 100 kHz, and peak detection was used. The 6 dB bandwidth is defined as the total spectrum over which the power is higher than the peak power minus 6 dB.



8.3 Test Date

October 13, 2025 ~ October 20, 2025

8.4 Test data for 1 Mbps

CHANNEL	FREQUENCY(MHz)	MEASURED VALUE (kHz)	LIMIT (kHz)	MARGIN (kHz)
Low	2 402.00	605.18	500.00	105.18
Middle	2 440.00	585.22	500.00	85.22
High	2 480.00	620.03	500.00	120.03

Remark. Margin = Measured Value – Limit

8.5 Test data for 2 Mbps

CHANNEL	FREQUENCY(MHz)	MEASURED VALUE (kHz)	LIMIT (kHz)	MARGIN (kHz)
Low	2 402.00	739.84	500.00	239.84
Middle	2 440.00	770.05	500.00	270.05
High	2 480.00	780.03	500.00	280.03

Remark. Margin = Measured Value - Limit

9. MAXIMUM CONDUCTED (PEAK) OUTPUT POWER

9.1 Operating environment

Temperature : 22 °C
Relative humidity : 41 % R.H.

9.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer.

The resolution bandwidth is set to $\geq$ DTS Bandwidth, the video bandwidth is set to 3 times the resolution bandwidth.



9.3 Test Date

October 13, 2025 ~ October 20, 2025

9.4 Test data for 1 Mbps

-. Test Result : Pass

CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
LOW	2 402.00	4.86	30.00	25.14
MIDDLE	2 440.00	4.60	30.00	25.40
HIGH	2 480.00	4.43	30.00	25.57

Remark. Margin = Limit – Measured Value

9.5 Test data for 2 Mbps

-. Test Result : Pass

CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
LOW	2 402.00	4.74	30.00	25.26
MIDDLE	2 440.00	4.52	30.00	25.48
HIGH	2 480.00	4.34	30.00	25.66

Remark. Margin = Limit – Measured Value

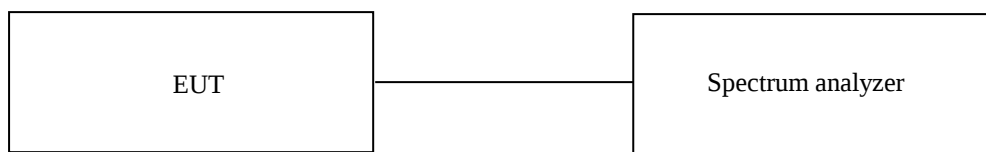
10. 100 kHz BANDWIDTH OUTSIDE THE FREQUENCY BAND

10.1 Operating environment

Temperature : 22 °C
Relative humidity : 41 % R.H.

10.2 Test set-up for conducted measurement

The antenna output of the EUT was connected to the spectrum analyzer. The resolution bandwidth is set to 100 kHz, the video bandwidth is set to 3 times the resolution bandwidth and peak detection was used.



10.3 Test set-up for radiated measurement

The radiated emissions measurements were performed on the 3 m semi anechoic chamber. The EUT was placed on turntable approximately 1.5 m above the ground plane.

The frequency spectrum from 30 MHz to 26.5 GHz was scanned and maximum emission levels at each frequency recorded. The system was rotated 360°, and the antenna was varied in the height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for horizontal and vertical polarization of the receiving antenna.

10.4 Test Date

October 13, 2025 ~ October 20, 2025

10.5 Test data for conducted emission

For Test data for conducted emission, please refer to the Annex.

10.6 Test data for radiated emission

10.6.1 Radiated Emission which fall in the Restricted Band

10.6.1.1 Test data for 1 Mbps

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Measurement distance : 3 m
- . Duty Cycle : 100 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	ATT (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
2 385.960	54.38	Peak	H	27.63	4.87	42.76	10.28	54.40	74.00	19.60
2 386.050	48.03	Average	H	27.63	4.87	42.76	10.28	48.05	54.00	5.95
2 385.780	54.14	Peak	V	27.63	4.87	42.76	10.28	54.16	74.00	19.84
2 386.150	45.01	Average	V	27.63	4.87	42.76	10.28	45.03	54.00	8.97
Test Data for High Channel										
2 496.310	55.57	Peak	H	27.60	4.93	42.73	10.28	55.65	74.00	18.35
2 495.990	49.07	Average	H	27.60	4.93	42.73	10.28	49.15	54.00	4.85
2 496.530	55.07	Peak	V	27.60	4.93	42.73	10.28	55.15	74.00	18.85
2 496.090	47.44	Average	V	27.60	4.93	42.73	10.28	47.52	54.00	6.48

Tabulated test data for Restricted Band

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{ATT}$$

10.6.1.2 Test data for 2 Mbps

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Measurement distance : 3 m
- . Duty Cycle : 100 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	ATT (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
2 385.690	55.05	Peak	H	27.63	4.87	42.76	10.28	55.07	74.00	18.93
2 386.050	47.80	Average	H	27.63	4.87	42.76	10.28	47.82	54.00	6.18
2 386.050	53.86	Peak	V	27.63	4.87	42.76	10.28	53.88	74.00	20.12
2 385.960	45.00	Average	V	27.63	4.87	42.76	10.28	45.02	54.00	8.98
Test Data for High Channel										
2 496.070	56.07	Peak	H	27.60	4.93	42.73	10.28	56.15	74.00	17.85
2 495.970	49.10	Average	H	27.60	4.93	42.73	10.28	49.18	54.00	4.82
2 495.730	55.17	Peak	V	27.60	4.93	42.73	10.28	55.25	74.00	18.75
2 495.930	47.37	Average	V	27.60	4.93	42.73	10.28	47.45	54.00	6.55

Tabulated test data for Restricted Band

Remark: “H”: Horizontal, “V”: Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{ATT}$$

10.6.2 Spurious & Harmonic Radiated Emission

10.6.2.1 Test data for 1 Mbps

- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
1 MHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 26.5 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 100 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
4 804.270	51.12	Peak	H	31.50	6.98	42.24	-	47.36	74.00	26.64
4 803.960	42.41	Average	H	31.50	6.98	42.24	-	38.65	54.00	15.35
4 804.000	54.26	Peak	V	31.50	6.98	42.24	-	50.50	74.00	23.50
4 804.050	48.75	Average	V	31.50	6.98	42.24	-	44.99	54.00	9.01
Test Data for Middle Channel										
4 880.070	50.65	Peak	H	31.50	6.77	42.24	-	46.68	74.00	27.32
4 879.960	42.07	Average	H	31.50	6.77	42.24	-	38.10	54.00	15.90
4 879.720	53.77	Peak	V	31.50	6.77	42.24	-	49.80	74.00	24.20
4 879.920	48.62	Average	V	31.50	6.77	42.24	-	44.65	54.00	9.35
Test Data for High Channel										
4 961.680	49.72	Peak	H	31.65	7.20	42.24	-	46.33	74.00	27.67
4 959.540	37.86	Average	H	31.64	7.20	42.24	-	34.46	54.00	19.54
4 959.840	54.17	Peak	V	31.64	7.20	42.24	-	50.77	74.00	23.23
4 959.950	48.32	Average	V	31.64	7.20	42.24	-	44.92	54.00	9.08

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dBμV/m)} - \text{Total Level (dBμV/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

10.6.2.2 Test data for 2 Mbps

- . Resolution bandwidth : 1 MHz for Peak and Average Mode for the emissions fall in restricted band,
1 MHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 26.5 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 100 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
4 802.740	51.66	Peak	H	31.50	6.98	42.24	-	47.90	74.00	26.10
4 804.800	39.33	Average	H	31.50	6.98	42.24	-	35.57	54.00	18.43
4 879.910	53.71	Peak	V	31.50	6.77	42.24	-	49.74	74.00	24.26
4 879.940	48.28	Average	V	31.50	6.77	42.24	-	44.31	54.00	9.69
Test Data for Middle Channel										
4 876.090	49.87	Peak	H	31.50	6.77	42.24	-	45.90	74.00	28.10
4 879.190	37.37	Average	H	31.50	6.77	42.24	-	33.40	54.00	20.60
4 879.910	53.71	Peak	V	31.50	6.77	42.24	-	49.74	74.00	24.26
4 879.940	48.28	Average	V	31.50	6.77	42.24	-	44.31	54.00	9.69
Test Data for High Channel										
4 959.680	51.78	Peak	H	31.64	7.20	42.24	-	48.38	74.00	25.62
4 959.760	41.89	Average	H	31.64	7.20	42.24	-	38.49	54.00	15.51
4 960.160	54.19	Peak	V	31.64	7.20	42.24	-	50.79	74.00	23.21
4 959.830	48.06	Average	V	31.64	7.20	42.24	-	44.66	54.00	9.34

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

11. PEAK POWER SPECTRAL DENSITY

11.1 Operating environment

Temperature : 22 °C
Relative humidity : 41 % R.H.

11.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer.

The resolution bandwidth is set to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$, the video bandwidth is set to 3 times the resolution bandwidth.



11.3 Test Date

October 13, 2025 ~ October 20, 2025

11.4 Test data for 1 Mbps

-. Test Result : Pass

CHANNEL	FREQUENCY(MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
Low	2 402.00	-6.44	8.00	14.44
Middle	2 440.00	-6.24	8.00	14.24
High	2 480.00	-7.08	8.00	15.08

Remark. Margin = Limit – Measured Value

11.5 Test data for 2 Mbps

-. Test Result : Pass

CHANNEL	FREQUENCY(MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
Low	2 402.00	-5.59	8.00	13.59
Middle	2 440.00	-4.94	8.00	12.94
High	2 480.00	-5.88	8.00	13.88

Remark. Margin = Limit – Measured Value

12. RADIATED EMISSION TEST

12.1 Operating environment

Temperature : 22 °C
Relative humidity : 41 % R.H.

12.2 Test set-up

The radiated emissions measurements were on the 3 m semi anechoic chamber. The EUT and other support equipment were placed on a non-conductive turntable above the ground plane. The interconnecting cables from outside test site were inserted into ferrite clamps at the point where the cables reach the turntable.

The frequency spectrum from 30 MHz to 26.5 GHz was scanned and emission levels maximized at each frequency recorded. The system was rotated 360°, and the antenna was varied in height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

12.3 Test Date

October 13, 2025 ~ October 20, 2025

12.4 Test data for 30 MHz ~ 1 000 MHz

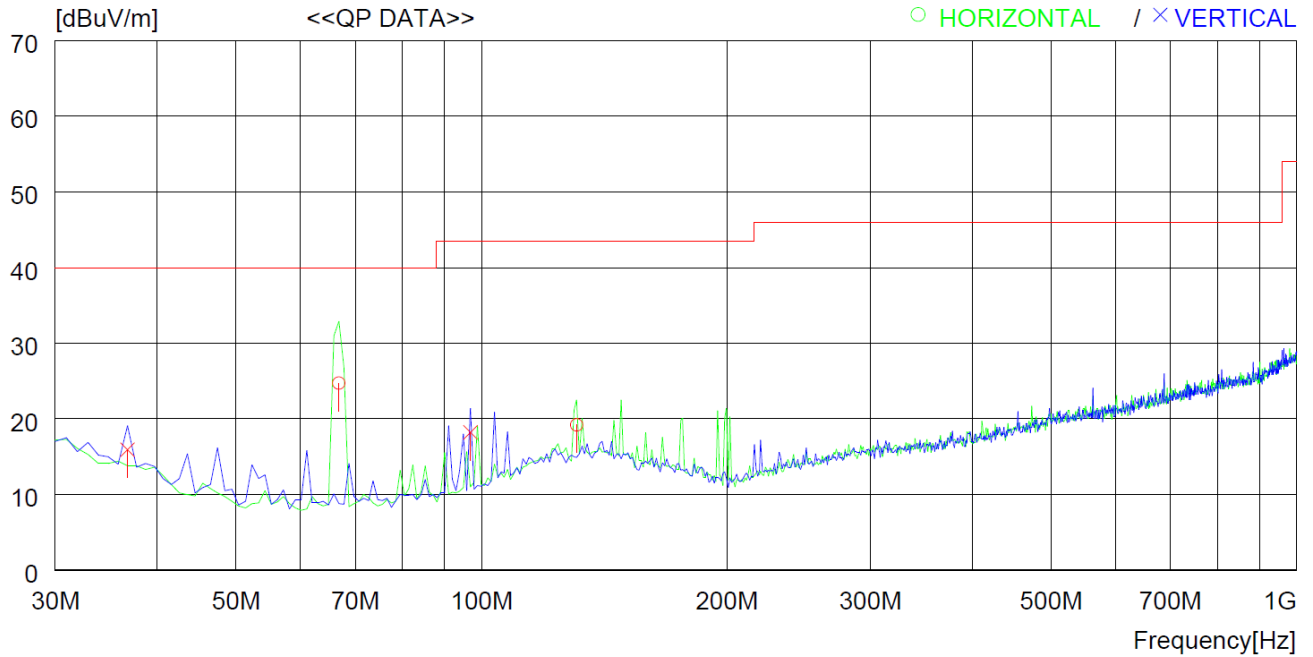
Limits apply to : FCC CFR 47, PART 15, SUBPART C, SECTION 15.247

Result : PASSED

EUT : Remote control Unit

Test mode : Worst case (Low CH)

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)



No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	66.860	42.9	12.8	1.1	32.1	24.7	40.0	15.3	375	359
2	130.880	30.8	19.1	1.4	32.1	19.2	43.5	24.3	318	309
----- Vertical -----										
3	36.790	28.7	18.5	0.8	32.1	15.9	40.0	24.1	113	16
4	96.930	34.1	14.9	1.3	32.1	18.2	43.5	25.3	156	35

12.4.1 Test data for Below 30 MHz

- . Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)
- . Frequency range : 9 kHz ~ 30 MHz
- . Measurement distance : 3 m
- . Operating mode : Transmitting mode

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Height (m)	Angle (°)	Ant. Factor (dB/m)	Cable Loss	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
Emission from the EUT more than 20 dB below the limit in each frequency range.									

12.4.2 Test data for above 1 GHz

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 26.5 GHz
- . Measurement distance : 3 m
- . Operating mode : Transmitting mode

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Height (m)	Angle (°)	Ant. Factor (dB/m)	Cable Loss	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
Emission from the EUT more than 20 dB below the limit in each frequency range.									

13. LIST OF TEST EQUIPMENT

Model Number	Manufacturer	Description	Serial Number	Last Cal.(Interval)
FSV3044	Rohde & Schwarz	Signal & Spectrum Analyzer	101757	Jul. 02, 2025 (1Y)
FSV3044	Rohde & Schwarz	Signal & Spectrum Analyzer	101758	Jul. 02, 2025 (1Y)
FSVA40	Rohde & Schwarz	Signal Analyzer	101598	Jan. 13, 2025 (1Y)
SMBV100A	Rohde & Schwarz	VECTOR SIGNAL GENERATOR	260423	Jan 14, 2025 (1Y)
SMB100A	Rohde & Schwarz	SiGNAL GENERATOR	177648	Jan 13, 2025 (1Y)
NRP33S	Rohde & Schwarz	3-Path Diode Power Sensor	103230	Jan 06, 2025 (1Y)
ESU	Rohde & Schwarz	EMI Test Receiver	100261	Mar. 05, 2025 (1Y)
310N	Sonoma Instrument	Pre-Amplifier	392756	Oct. 16, 2025 (1Y)
SCU18	Rohde & Schwarz	Pre-Amplifier	102266	Jul. 02, 2025 (1Y)
SCU40A	Rohde & Schwarz	Pre-Amplifier	100436	Jan. 15, 2025 (1Y)
DT2000-2t	Innco System	Turn Table	N/A	N/A
MA-4640-XPET	Innco System	Antenna Master	MA4640/652/43100318/P	N/A
CO3000	Innco System	Controller	1026/40960617/P	N/A
HLP-2008	TDK RF Solutions	Hybrid Antenna	131316	Mar. 09, 2024 (2Y)
BBHA9120D	Schwarzbeck	Horn Antenna	9120D-1366	Jun. 19, 2025 (1Y)
BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	Jan. 04, 2025 (1Y)
HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Jan. 13, 2025 (1Y)
10 dB Attenuator	Rohde & Schwarz	10 dB Attenuator	14100882-4	Jul. 02, 2025 (1Y)