

**FCC/ISED - TEST REPORT**Report Number : **709502407379-00A** Date of Issue: January 15, 2025Model : R2180-1CH, R2185-6CHProduct Type : Remote controlApplicant : Louver-Lite LimitedAddress : Ashton Road, Hyde, Cheshire, SK14 4BG, United KingdomProduction Facility : ZHEJIANG JIECANG LINEAR MOTION TECHNOLOGY CO., LTDAddress : HIGH TECH PARK, QIXING STREET, XINCHANG COUNTY,
312500 ZheJiang Province, PEOPLE'S REPUBLIC OF CHINATest Result : ☒ **Positive** ☐ **Negative**Total pages including
Appendices : 27

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2 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
709502407379-00A	First Issue	01/15/2025

3 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
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FCC Registration No.: 820234

FCC Designation Number: CN1183

ISED CAB identifier: CN0101

IC Registration No.: 31668

4 Description of the Equipment Under Test

Product:	Remote control
Model no./HVIN/PMN:	R2180-1CH, R2185-6CH
FCC ID:	2BK6HR2185-6CH
IC:	33109-R21856CH
Brand Name:	One Touch
Options and accessories:	AC adaptor: KA12C-0502000US (The AC/DC adapter provided by lab, not included the EUT)
Rating:	DC 5V (charging by USB Type-C port) 3.7VDC (build-in rechargeable lithium battery)
RF Transmission Frequency:	433.92MHz
Modulation:	FSK
Antenna Type:	PCB antenna
Description of the EUT:	The Equipment Under Test (EUT) is a Remote control with SRD function. We tested it and listed the worst data in this report.
Test sample no.:	SHA-845449-3

The sample's mentioned in this report is/are submitted/ supplied/ manufactured by client. The laboratory therefore assumes no responsibility for accuracy of information on the brand name, model number, origin of manufacture, consignment, antenna gain or any information supplied.



5 Summary of Test Standards

Test Standards	
FCC Part 15 Subpart C 10-1-2023 Edition	RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators
RSS-Gen Issue 5 April 2018 + Amendment 1 March 2019 + Amendment 2 February 2021	General Requirements for Compliance of Radio Apparatus
RSS-210 Issue 11 June 25, 2024	RSS-210 — License-exempt Radio Apparatus: Category I Equipment

All the test methods were according to ANSI C63.10-2020.

6 Summary of Test Results

Technical Requirements					
FCC Part 15.231 Subpart C, RSS-210 Issue 11					
Test Condition			Pages	Test Site	Test Result
§15.207	RSS-GEN A8.8	Conducted emission AC power port	10-14	Shield room	Pass
§15.205, §15.209, 15.35 (c)§15.231(b)	RSS-210 A.1.3 RSS-GEN 8.9	The Field strength of Emissions	15-19	3m chamber	Pass
§15.231(c)	RSS-210 A.1.4	20dB and 99% Bandwidth Measurement	20-21	Shield room	Pass
§15.231(a)(1)	RSS-210 A.1.2(a)	Deactivation Time	22	Shield room	Pass
§15.203	RSS-Gen 6.8	Antenna requirement	See note 1		Pass

Note 1: N/A=Not Applicable.

Note 2: The EUT uses a PCB Antenna. In accordance to §15.203 and RSS-Gen 5, It is considered sufficiently to comply with the provisions of this section.



7 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID:2BK6HR2185-6CH, IC: 33109-R21856CH complies with Section 15.205, 15.207, 15.209, 15.231 of the FCC Part 15, Subpart C Rules and RSS-Gen Issue 5 A1:2019+ A2:2021 and RSS-210 issue 11 June 25, 2024.

According to client's declaration, all models are identical, but the R2180-1CH can control only one motor, and the R2185-6CH can control up to six motors simultaneously. The electrical schematics and PCB layout of the two models are the same, but the two models next to the light guide strip of the housing have a pattern difference, and the side buttons have a difference (the side buttons of the six channels to switch the two channels have no effect on the single channel). In addition, the hardware has a difference in the number of leds, and the software has a difference in channel switching (single channel does not require channel switching).

So model R2185-6CH was chosen to perform all the tests, another model R2180-1CH is deemed to fulfill all the requirement without further testing.

Pre-tests are performed the charging and DC powered by battery mode and DC powered by battery mode, the worst test results of the charging and DC powered by battery mode are recorded.

SUMMARY:

All tests according to the regulations cited on page 5 were

■ - Performed

□ - **Not** Performed

The Equipment Under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

Sample Received Date: October 08, 2024

Testing Start Date: October 09, 2024

Testing End Date: October 10, 2024

-TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

Reviewed by:

Prepared by:

Tested by:

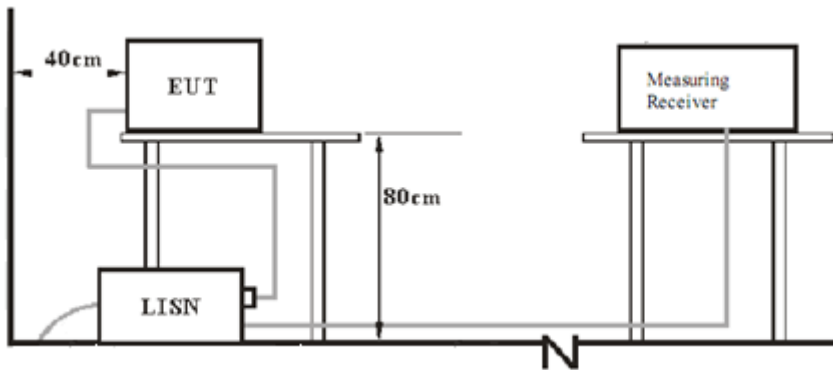
Hui TONG
Review Engineer

Yongqing ZHENG
Project Engineer

Tianji XU
Test Engineer

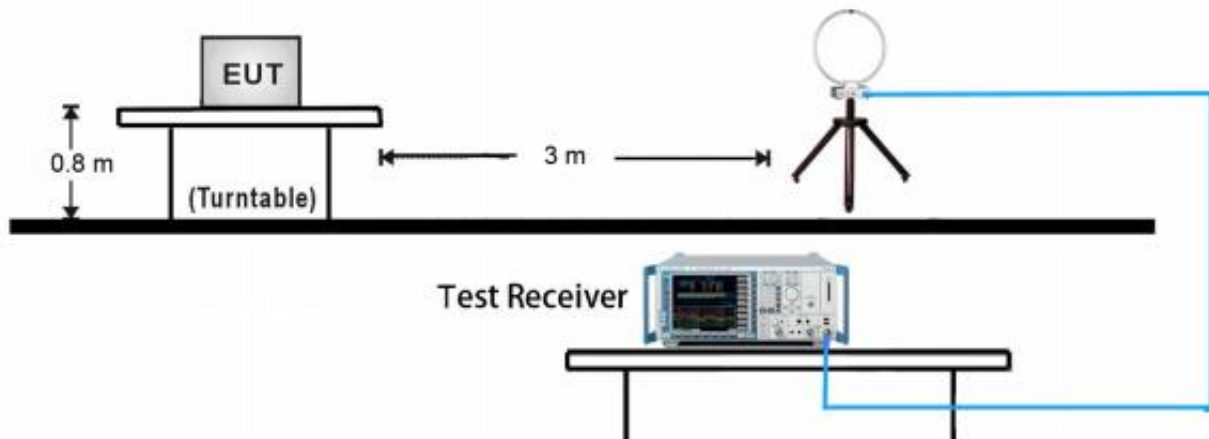
8 Test Setups

8.1 AC Power Line Conducted Emission test setups

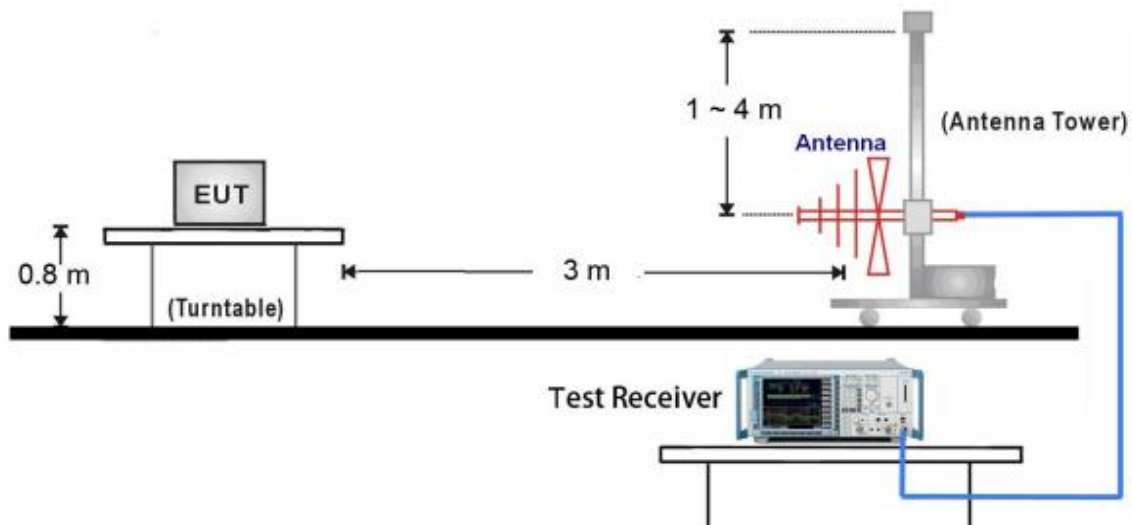


8.2 Radiated test setups

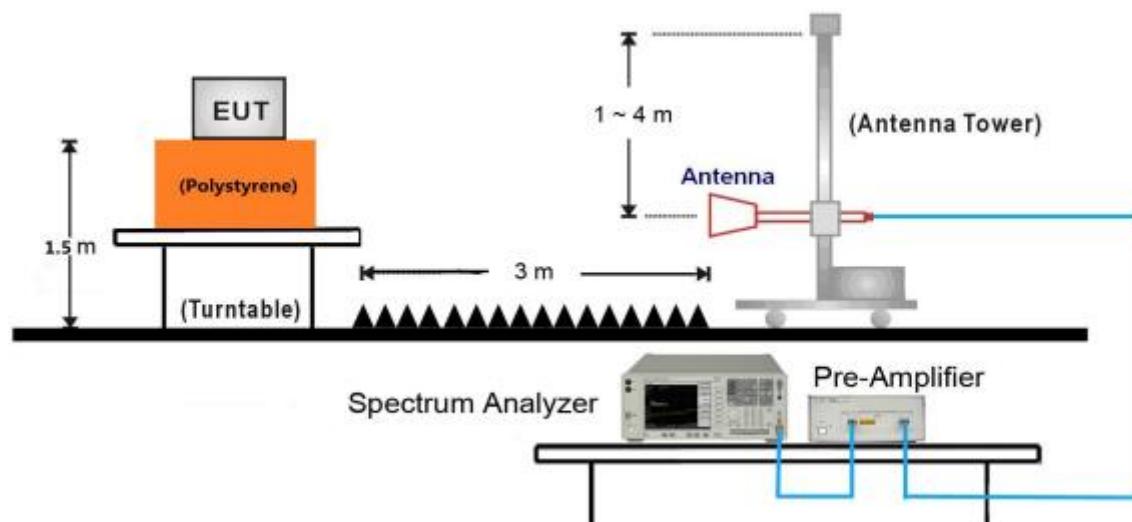
9kHz ~ 30MHz Test Setup:



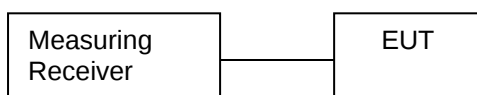
30MHz ~ 1GHz Test Setup:



Above 1GHz Test Setup:



8.3 Conducted RF test setups



9 Test Methodology

9.1 Conducted Emission

Test Method

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

Limit

According to §15.207 and RSS-GEN Issue 5 8.8, conducted emissions limit as below:

Frequency MHz	QP Limit dB μ V	AV Limit dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

*Decreasing linearly with logarithm of the frequency.

150k-30MHz Conducted Emission Test

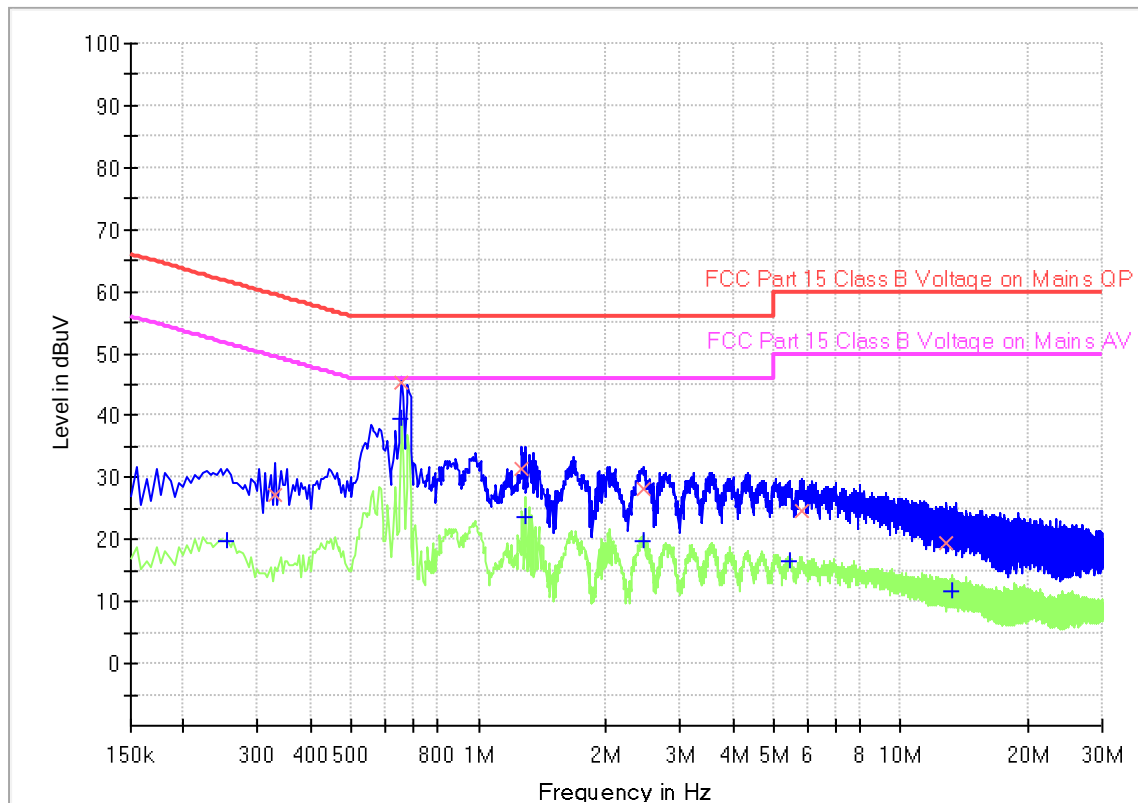
EUT Information

EUT Name:	Remote control
Model	R2185-6CH
Client:	Zhejiang Jiechang Linear Motion Technology Co.,Ltd.
Op Cond	Power on, Continuous Transmitting
Operator:	Tianji XU
Standard	FCC Part 15.231
Comment:	L
Sample No.:	SHA-845449-4

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup:	Voltage with 2-Line-LISN
Receiver:	[ESR 3]
Level Unit:	dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB





Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.253500	---	19.64	51.64	32.00	1000.0	9.000	L1	19.4
0.330000	27.32	---	59.45	32.13	1000.0	9.000	L1	19.5
0.658500	---	39.37	46.00	6.63	1000.0	9.000	L1	19.5
0.658500	45.44	---	56.00	10.56	1000.0	9.000	L1	19.5
1.261500	31.45	---	56.00	24.55	1000.0	9.000	L1	19.5
1.293000	---	23.54	46.00	22.46	1000.0	9.000	L1	19.5
2.463000	28.31	---	56.00	27.69	1000.0	9.000	L1	19.5
2.463000	---	19.78	46.00	26.22	1000.0	9.000	L1	19.5
5.428500	---	16.54	50.00	33.46	1000.0	9.000	L1	19.6
5.820000	24.73	---	60.00	35.27	1000.0	9.000	L1	19.6
12.790500	19.45	---	60.00	40.55	1000.0	9.000	L1	19.9
13.240500	---	11.52	50.00	38.48	1000.0	9.000	L1	20.0

150k-30MHz Conducted Emission Test

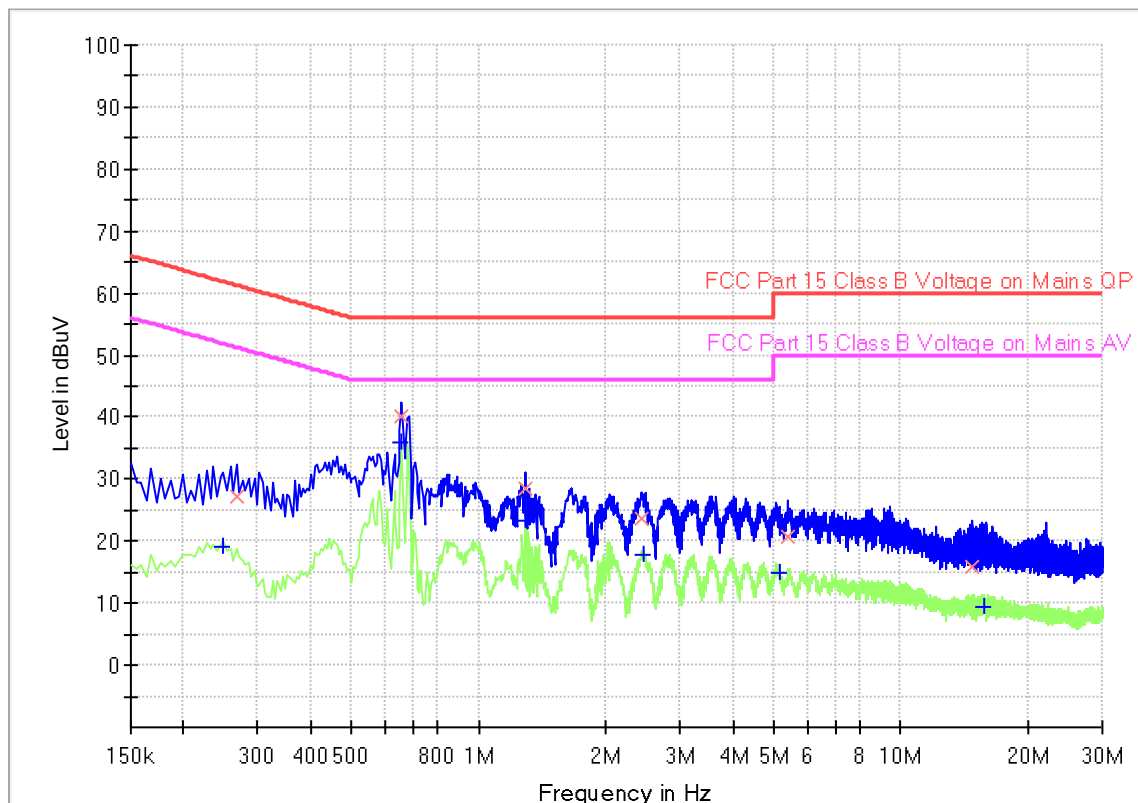
EUT Information

EUT Name:	Remote control
Model:	R2185-6CH
Client:	Zhejiang Jiechang Linear Motion Technology Co.,Ltd.
Op Cond:	Power on, Continuous Transmitting
Operator:	Tianji XU
Standard:	FCC Part 15.231
Comment:	N
Sample No.:	SHA-845449-4

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup:	Voltage with 2-Line-LISN
Receiver:	[ESR 3]
Level Unit:	dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB





Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.249000	---	19.17	51.79	32.62	1000.0	9.000	N	19.4
0.267000	27.28	---	61.21	33.93	1000.0	9.000	N	19.5
0.658500	---	35.88	46.00	10.12	1000.0	9.000	N	19.4
0.658500	40.22	---	56.00	15.78	1000.0	9.000	N	19.4
1.288500	---	23.28	46.00	22.72	1000.0	9.000	N	19.5
1.288500	28.60	---	56.00	27.40	1000.0	9.000	N	19.5
2.422500	23.75	---	56.00	32.25	1000.0	9.000	N	19.5
2.458500	---	17.70	46.00	28.30	1000.0	9.000	N	19.5
5.145000	---	14.89	50.00	35.11	1000.0	9.000	N	19.6
5.383500	20.71	---	60.00	39.29	1000.0	9.000	N	19.6
14.707500	16.03	---	60.00	43.97	1000.0	9.000	N	19.9
15.661500	---	9.56	50.00	40.44	1000.0	9.000	N	19.9

Remark:

Level=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)

9.2 Radiated Emission

Test Method

- 1: The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2: The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
- 3: The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4: For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5: Use the following spectrum analyzer settings According to C63.10:
 - 9kHz -150kHz
RBW = 200Hz, VBW = 1kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
 - 150kHz - 30MHz
RBW = 10 kHz, VBW = 30 kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
 - 30MHz - 1GHz
RBW = 100 kHz, VBW = 300 kHz for peak measurement, Sweep = auto,
Detector function = peak, Trace = max hold.
 - For Above 1GHz
RBW = 1MHz, VBW $\geq$ 3RBW for peak measurement, Sweep = auto, Detector function = peak,
Trace = max hold.

Limit

1. FCC Limit: In addition to the provisions of § 15.205, the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

Fundamental frequency (MHz)	Field Strength of Fundamental (Microvolts /meter)	Field Strength of spurious emissions ((Microvolts /meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	1,250 to 3,750 *	125 to 375 *
174-260	3,750	375
260-470	3,750 to 12, 500*	375 to 1,250*
Above 470	12,500	1,250
*Linear interpolation with frequency		

(a) The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges.

(b) Intentional radiators operating under the provisions of this section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector. The specific method of measurement employed shall be specified in the application for equipment authorization. If average emission measurements are employed, the provisions in § 15.35 for averaging pulsed emissions and for limiting peak emissions apply. Further, compliance with the provisions of § 15.205 shall be demonstrated using the measurement instrumentation specified in that section.

(c) The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in § 15.209, whichever limit permits a higher field strength.

Limits for 15.209 Radiated emission limits

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

2. ISED Limit:

- (a) The field strength of emissions from momentarily operated intentional radiators shall not exceed the limits in table A1, based on the average value of the measured emissions. The requirements of the “Pulsed Operation” section of RSS-Gen apply for averaging pulsed emissions and limiting peak emissions. Alternatively, compliance with the limits in table A1 may be based on the use of a CISPR quasi-peak detector.
- (b) Unwanted emissions shall be 10 times below the fundamental emissions field strength limits in table A1 or comply with the limits specified in RSS-Gen, whichever is less stringent.

Table A1: Permissible field strength limits for momentarily operated devices

Fundamental frequency (MHz)	Field Strength of Fundamental (Microvolts /meter @ 3m)	Field Strength of spurious emissions ((Microvolts /meter @ 3m)
70-130	1,250	125
130-174	1,250 to 3,750 *	125 to 375 *
174-260	3,750	375
260-470	3,750 to 12, 500*	375 to 1,250*
Above 470	12,500	1,250
*Linear interpolation with frequency		

General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) ($\mu\text{A/m}$)	Measurement distance (meters)
9 – 490 kHz*	$6.37/F$ (F in kHz)	300
490 – 1705 kHz	$63.7/F$ (F in kHz)	30
1.705-30.0 MHz	0.08	30
*The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.		

Note 1: $\text{Limit } 3\text{m(dB}\mu\text{V/m)} = \text{Limit } 300\text{m(dB}\mu\text{V/m)} + 40\text{Log}(300\text{m}/3\text{m})$ (Below 30MHz)

Note 2: $\text{Limit } 3\text{m(dB}\mu\text{V/m)} = \text{Limit } 30\text{m(dB}\mu\text{V/m)} + 40\text{Log}(30\text{m}/3\text{m})$ (Below 30MHz)

Note 3: $\text{dB}\mu\text{V/m} = 20\text{log}(\mu\text{V/m})$, $\text{dB}\mu\text{A/m} = 20\text{log}(\mu\text{A/m})$

Field strength of Emissions

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Radiated Emission									
Value	Emissions Frequency MHz	E-Field Polarity	PK Emission dBμV/m	Corr.	Average Factor dB	AV Emission dBμV/m	Limit dBμV/m	Margin	Emission Type
Below 1GHz									
PK	433.92	H	67.00	25.50	/	/	100.83	37.83	Fundamental
AV	433.92	H	67.00	/	0	67.00	80.83	17.83	Fundamental
PK	433.92	V	65.70	25.50	/	/	100.83	35.13	Fundamental
AV	433.92	V	65.70	/	0	65.70	80.83	25.13	Fundamental
PK	867.84	H	39.20	/	/	/	80.83	41.63	Spurious
AV	867.84	H	39.20	/	0	39.20	60.83	21.63	Spurious
PK	867.84	V	38.20	/	/	/	80.83	42.63	Spurious
AV	867.84	V	38.20	/	0	38.20	60.83	22.63	Spurious
Above 1GHz									
PK	2603.656	H	40.54	-9.70	/	/	80.83	40.29	Spurious
AV	2603.656	H	40.54	/	0	40.54	60.83	20.29	Spurious
PK	3471.328	H	45.00	-6.40	/	/	80.83	35.83	Spurious
AV	3471.328	H	45.00	/	0	45.00	60.83	15.83	Spurious
PK	*4339.328	H	44.74	-3.50	/	/	74	29.26	Spurious
AV	*4339.328	H	44.74	/	0	44.74	54	9.26	Spurious
PK	2603.765	V	40.38	-9.70	/	/	80.83	40.45	Spurious
AV	2603.765	V	40.38	/	0	40.38	60.83	20.45	Spurious
PK	3471.437	V	45.71	6.40	/	/	80.83	35.12	Spurious
AV	3471.437	V	45.71	/	0	45.71	60.83	15.12	Spurious
PK	*4339.109	V	43.49	-3.50	/	/	74	30.51	Spurious
AV	*4339.109	V	43.49	/	0	43.49	54	10.51	Spurious

Remark:

1: AV Emission Level= PK Emission Level+20log(dutycycle)

2: Data of measurement within this frequency range shown "/" in the table above means the reading of emissions are attenuated more than 20db below the permissible limits or the field strength is too small to be measured.

3: "*" means the emission(s) appear within the restrict bands shall follow the requirement of section 15.205.

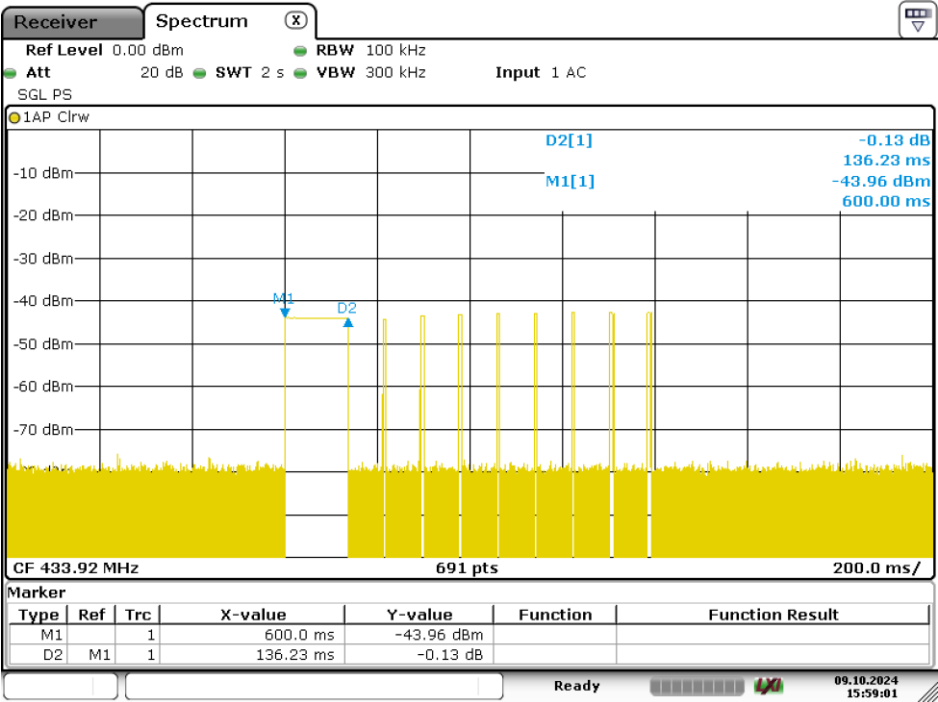
4: Level= Reading Level + Correction Factor

Correction Factor = Antenna Factor + Cable Loss- Amplifier Gain

(The Reading Level is recorded by software which is not shown in the sheet)

Duty Cycle =100(ms)/100(ms) =100%

Duty Cycle Factor =20log (Duty Cycle) =0



Date: 9.OCT.2024 15:59:02



9.3 20dB Bandwidth Measurement

Test Method

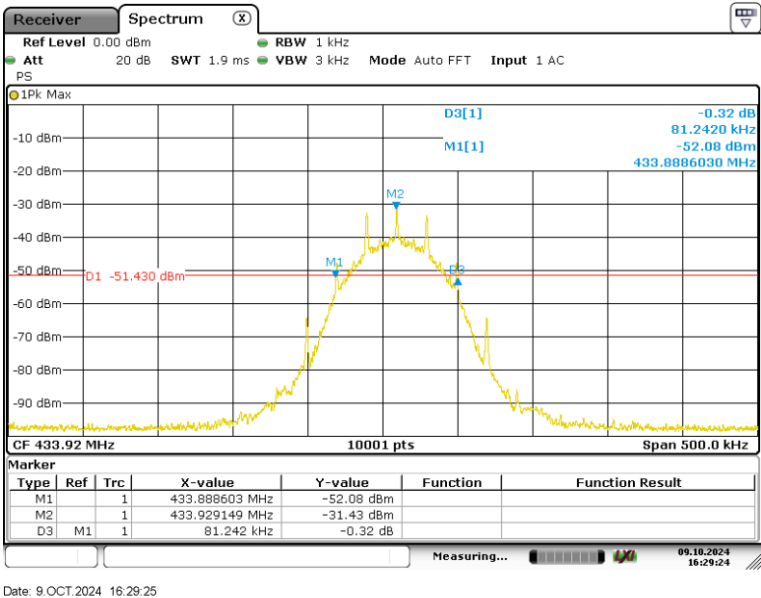
- 1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously.
Use the following test receiver settings:
RBW = 1% to 5% of the OBW, VBW≥3RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 3. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth. Record the results.

Limit

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70MHz and below 900MHz. For devices operating above 900MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20dB down from the modulated carrier.
The limit for the EUT = 0.25% * 433.92MHz = 1084 kHz

Test Result

Channel	20dB Bandwidth (KHz)	Limit (KHz)	Result
1	81.242KHz	≤1084.8	Pass





9.4 99% Bandwidth Measurement

Test Method

- 1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously.
Use the following test receiver settings:
RBW = 1% to 5% of the OBW, VBW≥3RBW, Sweep = auto, Detector function = peak, Trace = max hold
- 3. Allow the trace to stabilize. Use the 99 % power bandwidth function of the instrument. Record the results.

Limit

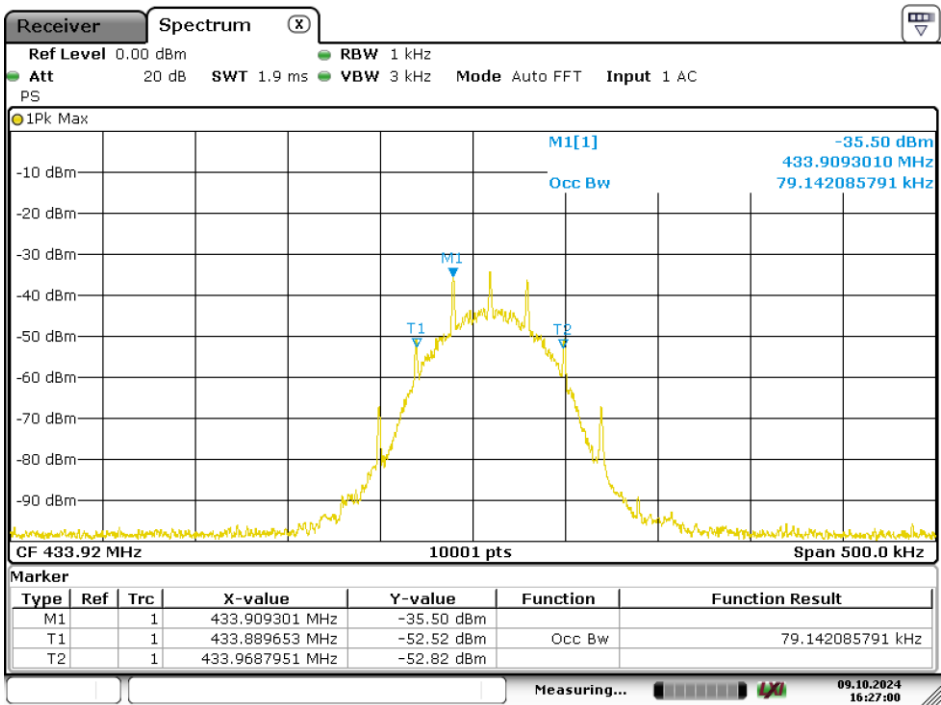
The occupied bandwidth of momentarily operated devices shall be less than or equal to 0.25% of the centre frequency for devices operating between 70 MHz and 900 MHz. For devices operating above 900 MHz, the occupied bandwidth shall be less than or equal to 0.5% of the centre frequency.

The limit for the EUT = 0.25% * 433.92 MHz = 1084.8 kHz

Test Result

Channel	99% bandwidth (kHz)	Limit (kHz)	Result
1	79.142	≤1084.8	Pass

99% bandwidth



Date: 9.OCT.2024 16:27:00



9.5 Deactivation Time

Test Method

- 1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT in transmitting mode.
- 3. Set center frequency of spectrum analyzer=operating frequency.
- 4. Set the spectrum analyzer as $RBW \geq OBW$, $VBW \geq RBW$, Span=0Hz, detector=peak.
- 5. Repeat above procedures until all frequency measured was complete.

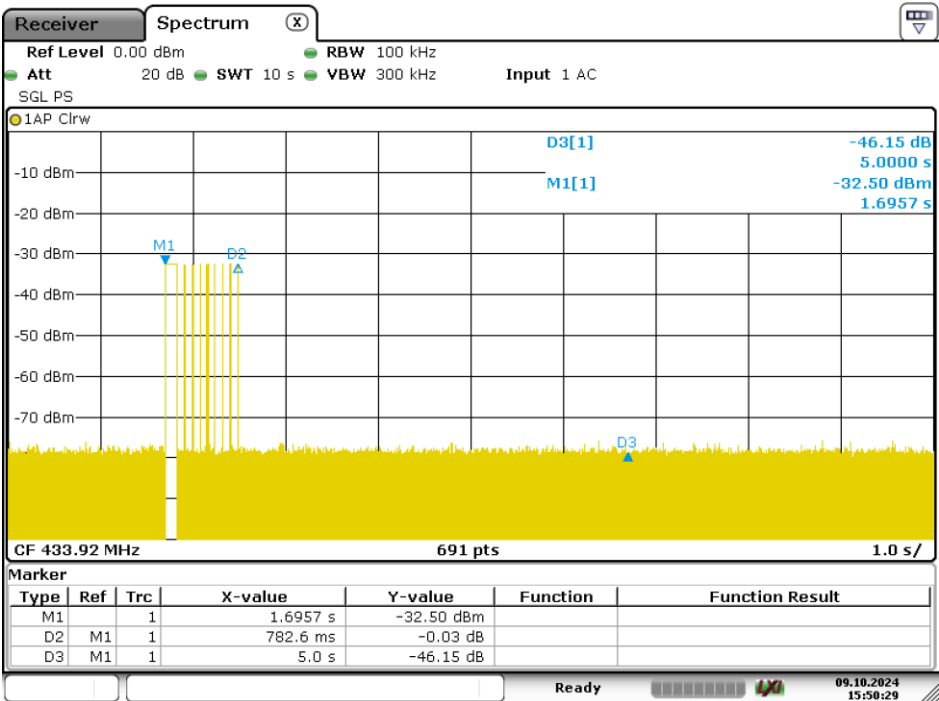
Limit

According to FCC Part 15.231 (a) and RSS-210 A.1.2(a), the transmitter shall be complied the following requirements:

(√) (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Test Result

Channel	Frequency	Deactivation Time	Limit	Result
1	433.92MHz	782.6ms	≤5s	Pass



Date: 9.OCT.2024 15:50:30



10 Systems test configuration

Auxiliary Equipment Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N(LENGTH)
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11 Test Equipment List

List of Test Instruments

Test Site1

RF Conductive Test

Description	Manufacturer	Model no.	Serial no.	Calibration Date	Calibration Due
Signal and spectrum analyzer	R&S	FSV40	S1503003-YQ-EMC	2024-8-01	2025-7-31

Conducted Emission

Description	Model no.	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
EMI test receiver	ESR3	R&S	S1503001-YQ-EMC	2024-8-01	2025-7-31
2-Line V-network	ENV216	R & S	S1503103-YQ-EMC	2024-8-01	2025-7-31

Radiated Emission Test

USED	Equipment Name	Model	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
☒	EMI test receiver	ESR3	R&S	S1503109-YQ-EMC	2024-8-01	2025-7-31
☒	Trilog super broadband test antenna	SCHWARZBECK	VULB9168	S1808296-YQ-EMC	2024-8-30	2025-8-29
☒	Double-ridged waveguide horn antenna	HF907	R&S	S1503009-YQ-EMC	2024-4-14	2025-4-13
☒	Pre-amplifier	HPAP-9K0130	Shenzhen HzEMC	S2110423b-YQ-EMC	2024-8-01	2025-7-31
☒	Signal and spectrum analyzer	FSV40	R&S	S1503003-YQ-EMC	2024-8-01	2025-7-31
☒	Loop antenna	HFH2-Z2	R&S	S1503013-YQ-EMC	2024-6-26	2025-6-26

Measurement Software Information

Test Item	Software	Manufacturer	Version
RE	EMC 32	Rohde & Schwarz	V10.50.40
CE	EMC 32	Rohde & Schwarz	V9.15.03



12 System Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

System Measurement Uncertainty

Items	Extended Uncertainty
Conducted Disturbance at Mains Terminals	150kHz to 30MHz, LISN, 3.16dB
Radiated Disturbance	9kHz to 30MHz, 3.52dB 30MHz to 1GHz, 5.03dB (Horizontal) 5.12dB (Vertical) 1GHz to 18GHz, 5.49dB 18GHz to 40GHz, 5.63dB
Carrier power conducted measurement	50MHz~18GHz, 1.238dB
Spurious Emission Conducted Measurement	9kHz ~40GHz, 1.224dB

Measurement Uncertainty Decision Rule:

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3.



13 Photographs of Test Set-ups

Refer to the < Test Setup photos >.



14 Photographs of EUT

Refer to the < External Photos > & < Internal Photos >.

-----End of Test Report-----