

FCC TEST REPORT

Applicant..... : Robert Bosch GmbH

Address..... : Robert-Bosch-Platz 1, 70839 Gerlingen, Germany

Manufacturer..... : Robert Bosch GmbH

Address..... : Robert-Bosch-Platz 1, 70839 Gerlingen, Germany

Factory 1..... : Robert Bosch Malaysia

Address..... : Phase 1 – Free Industrial Zone, 11900 Bayan Lepas, Penang, Malaysia

Factory 2..... : Bosch Automotive Electronics India Pvt.Ltd.

Address..... : Hangar 703 Naganathapura, Electronic city PO, Bengaluru - 560100

Product Name..... : Multimedia device with Bluetooth and WLAN

Brand Name..... : BOSCH

Model No. : 71U0

FCC ID..... : 2AUXS-71U0

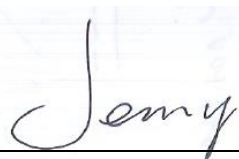
Measurement Standard..... : 47 CFR FCC Part 15, Subpart B, Class B

Receipt Date of Samples.... : February 18, 2025

Date of Tested..... : February 18, 2025 to March 24, 2025

Date of Report..... : March 25, 2025

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd., this report shall not be reproduced except in full.



Prepared by

Jenny Liu / Project Engineer



Approved by

Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2502405FV00	Initial Issue	2025-03-25

1. Summary of Test Result

EMISSION				
Standard	Test Clause	Test Item	Result	Remarks
47 CFR FCC Part 15, Subpart B, Class B; ANSI C63.4-2014	§15.107(a)	Conducted Emission	N/A	---
	§15.109(a)	Radiated Emission	PASS	---

Note: The device is designed for vehicle environment using and cannot connect to the public low-voltage network.

2. General Description of EUT

Product Information	
Product Name:	Multimedia device with Bluetooth and WLAN
Main Model Name:	71U0
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	60c50fde
Brand Name:	BOSCH
Hardware Version:	DA3-002
Software Version:	D3I_51.6(S3R-01-00 (2024-51-6))
Rating:	DC 10V to 16 V come from vehicle environment
Classification:	Class B
Operation Frequency:	Above 108MHz
Typical arrangement:	Table-top
I/O Port:	Refer to the user manual
Accessories Information	
Cable:	N/A
Other:	N/A
Additional Information	
Note:	1. The device has six variant versions, and all the versions have the same schematic, construction, PCB Layout, Bluetooth & WIFI RF module; the differences are software version and components populated in accordance with the function feature. Details refer to following the variant version description. 2. According to the version differences and the manufacturer, all tests are performed on version GEX w/DAB, deviation test of Radiated Emission was performed on version IND.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Variant Version Description:

Function	Versions					
	IND	GEX w/DAB	GEX with no 5GHz AP support	GEX w/o DAB	EU w/DAB	EU w/o DAB
AM	Yes	Yes	Yes	Yes	Yes	Yes
FM	Yes	Yes	Yes	Yes	Yes	Yes
DAB	---	Yes	---	---	Yes	---
DRM	Yes	---	---	---	---	---
BT	Yes	Yes	Yes	Yes	Yes	Yes
BLE	Yes	Yes	Yes	Yes	Yes	Yes
Wifi Station (2.4 GHz)	Yes	Yes	Yes	Yes	Yes	Yes
GNSS	Yes	Yes	Yes	Yes	Yes	Yes
Wifi AP 2.4GHz	---	---	Yes	---	---	---
Wifi AP 5GHz	Yes	Yes	---	Yes	Yes	Yes
USB DCM	Yes	Yes	---	Yes	Yes	Yes
USB	Yes	Yes	Yes	Yes	Yes	Yes
QZSS	Yes	Yes	Yes	Yes	Yes	Yes
RVC	Yes	Yes	Yes	Yes	Yes	Yes
Int SVS	Yes	Yes	Yes	Yes	---	---
Ext SVS	---	---	---	---	---	---
Audio (8 CH)	Yes	Yes	Yes	Yes	---	---
Audio (4 CH)	---	---	---	---	Yes	Yes

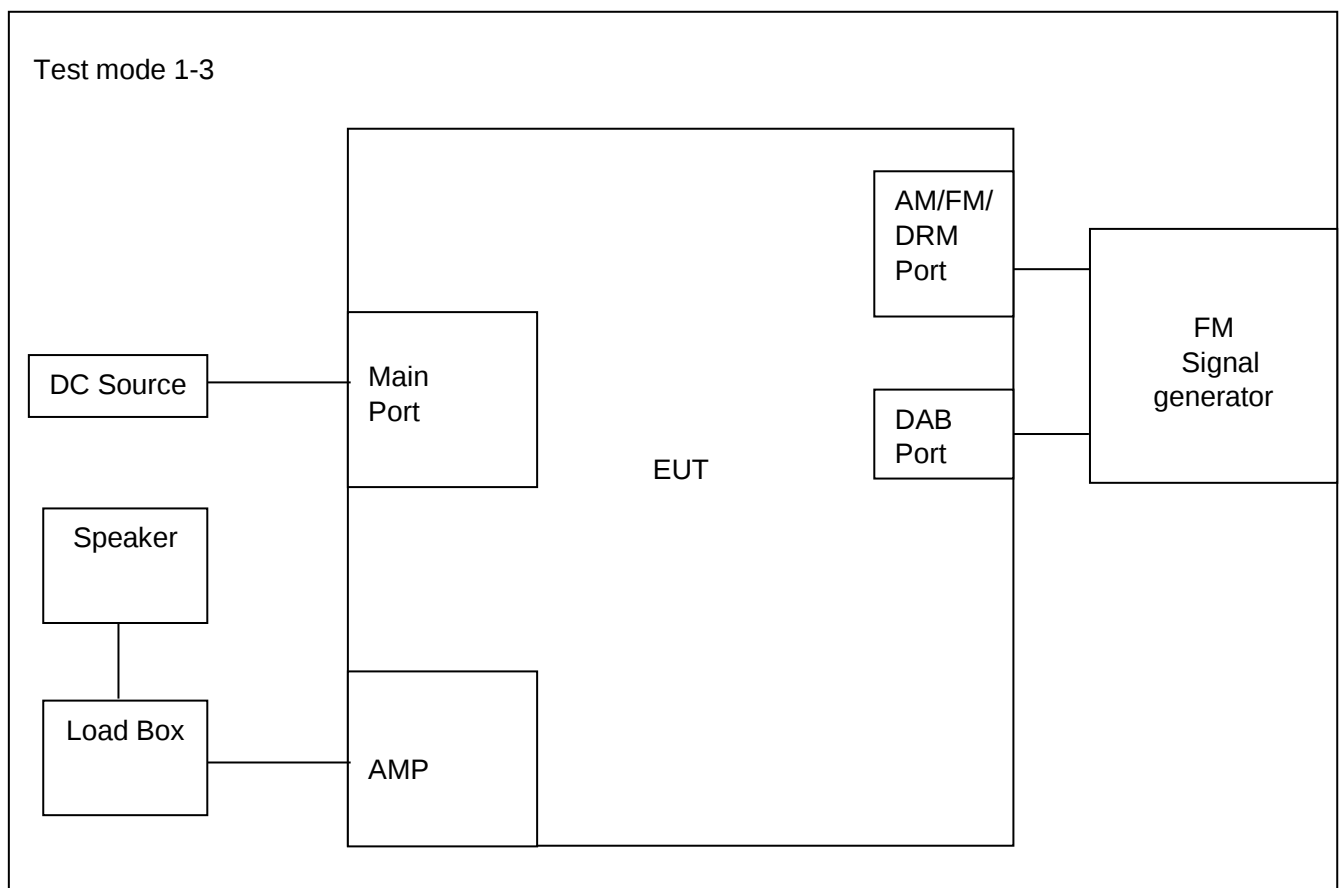
Note: For wireless functions Bluetooth and WIFI, the hardware design is exactly the same. The WIFI bands and features are locked by the software at the factory and cannot be modified by the user.

3. Configuration of EUT

Description of Test Modes

Test Mode		Description
1.	FM Rx (87.5MHz)	Connect the EUT to DC Source and load box, turn on the EUT and set it working at FM 87.5MHz to search FM broadcast signal (1KHz sine wave signal)
2.	FM Rx (98MHz)	Connect the EUT to DC Source and load box, turn on the EUT and set it working at FM 98MHz to search FM broadcast signal (1KHz sine wave signal)
3.	FM Rx (108MHz)	Connect the EUT to DC Source and load box, turn on the EUT and set it working at FM 108MHz to search FM broadcast signal (1KHz sine wave signal)

Block Diagram of Configuration



Note:

- All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- FM signal generator was placed outside the chamber during the test.

4. Description of Support Device

No.	Equipment	Brand	M/N	S/N	Specification	Remarks
1.	Load Box	---	---	---	---	Provided by the manufacturer.
2.	FM Signal Generator	Rohde & Schwar	SFU	101281	---	Provided by the Lab.
3.	DC Source	Maynuo	MY8811	---	---	Provided by the Lab.

5. Test Facility

Test Site:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2025 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by Industry Canada, June 08, 2017 The Certificate Registration Number. Is 46405-9743A
Test Site Location:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng District, Dongguan City, Guangdong Province, China

6. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	Conducted Emission	---	---	---	---
2.	Radiated Emission	1-3	DC 13.5V	Sean	See note 1

Note:

- The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35℃, 30~60% and 86~106KPa.
- DC 13.5V comes from the external DC source.
- The device is designed for vehicle environment using and cannot connect to the public low-voltage network.

7. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission (AC Mains)	9KHz ~ 150KHz	± 3.01 dB	---
		150KHz ~ 30MHz	± 2.52 dB	---
2.	Radiated Emission Test	30MHz ~ 1GHz	± 5.60 dB	---
		Above 1GHz	± 5.22 dB	---

Note:

- This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
- The measurement uncertainty levels above are estimated and calculated according to CISPR 16-4-2.

8. Measurement Bandwidths

No.	Frequency Range (MHz)	Peak Level (kHz)	Quasi-Peak Level (kHz)	Average Level (kHz)
1.	0.01 ~ 0.15	0.3	0.2	0.2
2.	0.15 ~ 30.0	10.0	9.0	9.0
3.	30 ~ 1000	100.0	120.0	120.0
4.	Above 1000	1000.0	N/A	1000.0

Note:

Measurements were made using the bandwidths and detectors specified by the standard. No video filter was used.

9. Deviations and Abnormalities from Standard Conditions

The EUT configurations are recommended and required by the manufacturer.

10. Sample Calculations

Conducted Emission						
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector
0.1539	49.42	9.98	59.40	65.79	-6.39	QP
Where, Freq. = Emission frequency in MHz Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation Measurement = Reading + Corrector Factor Limit = Limit stated in standard Margin = Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

Radiated Emission						
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
285.1099	44.00	-5.80	38.20	46.00	-7.80	QP
Where, Freq. = Emission frequency in MH Reading Level = Spectrum Analyzer/Receiver Reading Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier Measurement = Reading + Corrector Factor Limit = Limit stated in standard Over = Margin, which calculated by Measurement - Limit Detector = Reading for Quasi-Peak / Average / Peak						

11. Documentation Requirements

Label requirements:

a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or Supplier's Declaration of Conformity shall be labeled as follows:

1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90, etc., shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

(2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules for use with cable television service.

(3) All other devices shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

(4) Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under paragraph (a) of this section is required to be affixed only to the main control unit.

(5) When the device is so small or for such use that it is impracticable to label it with the statement specified under paragraph (a) of this section in a font that is four-point or larger, and the device does not have a display that can show electronic labeling, then the information required by this paragraph shall be placed in the user manual and must also either be placed on the device packaging or on a removable label attached to the device.

User's Manual requirements (Information to user):

(a) For a Class A digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

(b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If the EUT was tested with special shielded cables the operator's manual for such product shall also contain the following statements or their equipment:

Shielded interface cables and/or AC power cord, if any, must be used in order to comply with the emission limits.

12. Conducted Emission Measurement

LIMIT

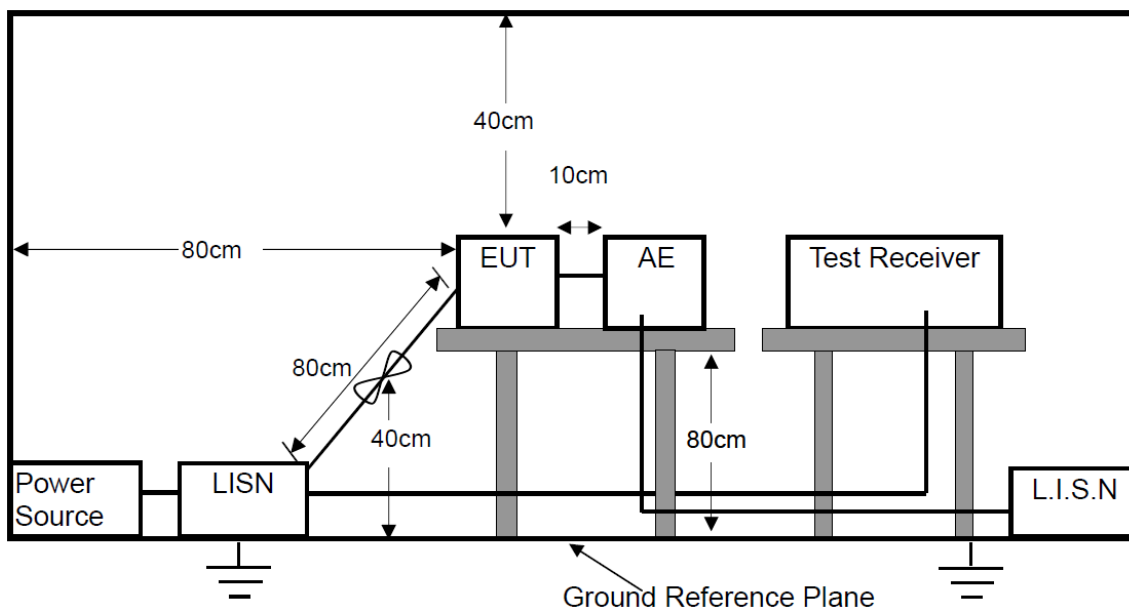
Limits for conducted disturbance for the AC mains power ports:

Frequency (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.5	79	66	66 to 56	56 to 46
0.5 to 5	73	60	56	46
5 to 30	73	60	60	50

- Note:
1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.
 2. The higher value measured with and without the outer conductor screen of the antenna terminal connected to earth is considered.
 3. Television receivers with teletext facilities should be tested in teletext mode with teletext Picture.
 4. The lower limit shall apply at the transition frequencies.
 5. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP

Conducted Disturbance at the Mains power Ports



TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. Configure the EUT and support devices as per section 3.
- c. All I/O cables and support devices were positioned as per ANSI C63.4-2014.
- d. Connect mains power port of the EUT to a line impedance stabilization network (LISN) and wired network port to Asymmetric Artificial Network (AAN).
- e. Connect all support devices to the other LISN and AAN, if needed.
- f. Turn on the EUT and all support devices, and make it run stably.
- g. Set the detector and measurement bandwidth of test-receiver system as per ANSI C63.4-2014.
- h. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for conducted interference checking
- i. Repeat the above scans in each mode and record the test data.

TEST RESULTS

Not applicable.

13. Radiated Emission Measurement

LIMITS

Below 1GHz:

Frequency range MHz	☐ Class A Field Strengths Limit		☒ Class B Field Strengths Limit	
	$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$	$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
		3m		3m
30 ~ 88	90	49.0	100	40.0
88 ~ 216	150	53.5	150	43.5
216 ~ 960	210	56.4	200	46.0
960 ~ 1000	300	59.5	500	54.0

Note:

1. Emission level $(\text{dB})\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
2. The smaller limit shall apply at the cross point between two frequency bands.

Above 1GHz:

Frequency (GHz)	Measuring the distance at 3m			
	☐ Class A		☒ Class B	
	Peak $\text{dB}(\mu\text{V}/\text{m})$	Average $\text{dB}(\mu\text{V}/\text{m})$	Peak $\text{dB}(\mu\text{V}/\text{m})$	Average $\text{dB}(\mu\text{V}/\text{m})$
1-40	79.5	60	74	54

Note:

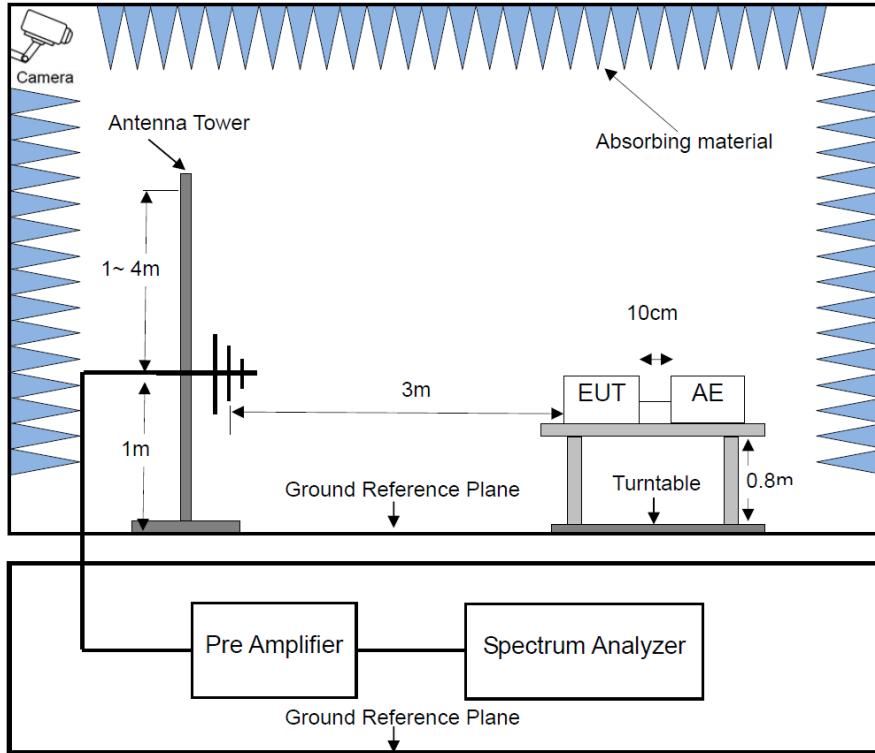
1. The smaller limit shall apply at the cross point between two frequency bands.

Required frequency range of radiated measurement (§15.33)

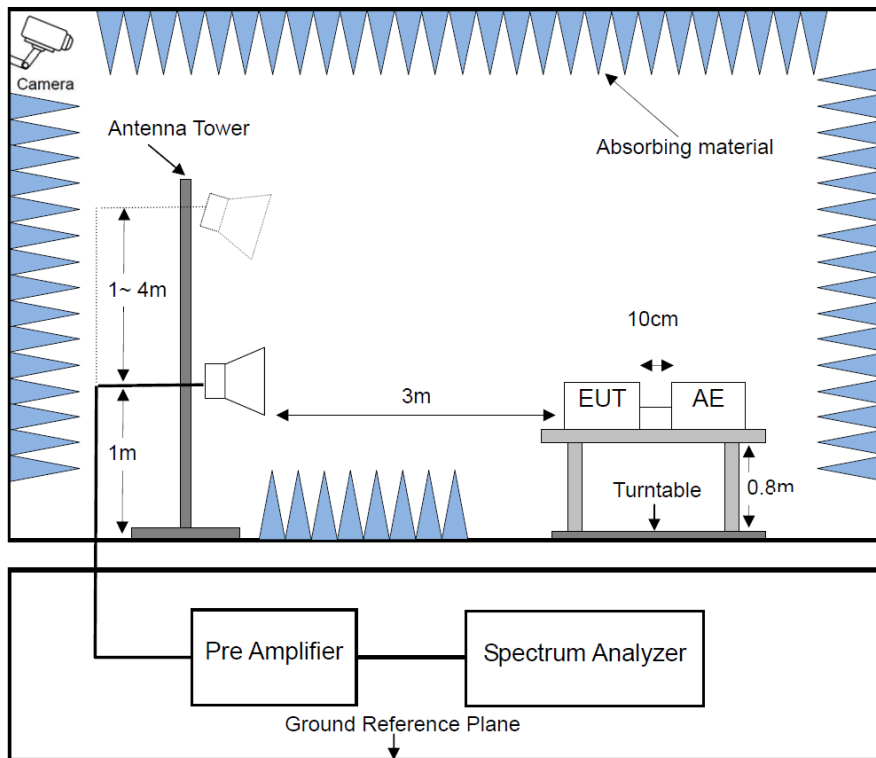
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705–108	1000
108–500	2000
500–1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, Whichever is lower.

BLOCKDIAGRAM OF TEST SETUP

Below 1GHz:



Above 1GHz:



TEST PROCEDURES

- a. The EUT was placed on a rotatable wooden table top 0.8m above ground.
- b. The EUT was set 3m away from the receiving antenna which was mounted on the top of a variable height antenna tower.
- c. Configure the EUT and support devices as per section 3.
- d. All I/O cables and support devices were positioned as per ANSI C63.4-2014.
- e. Connect mains power port of the EUT to the outlet socket under the turntable and connect all other support devices to other outlet socket under the turntable.
- f. Turn on the EUT and all support devices, and make it run stably.
- g. Set the detector and measurement bandwidth of test-receiver system as per ANSI C63.4-2014.
- h. Scan the frequency range from 30MHz to 1000MHz for radiation emissions checking.
- i. Emissions were scanned and measured rotating the EUT from 0 to 360 degrees and positioning the antenna from 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- j. Repeat the above scans in each mode and channel and record the test data.

TEST RESULTS

PASS

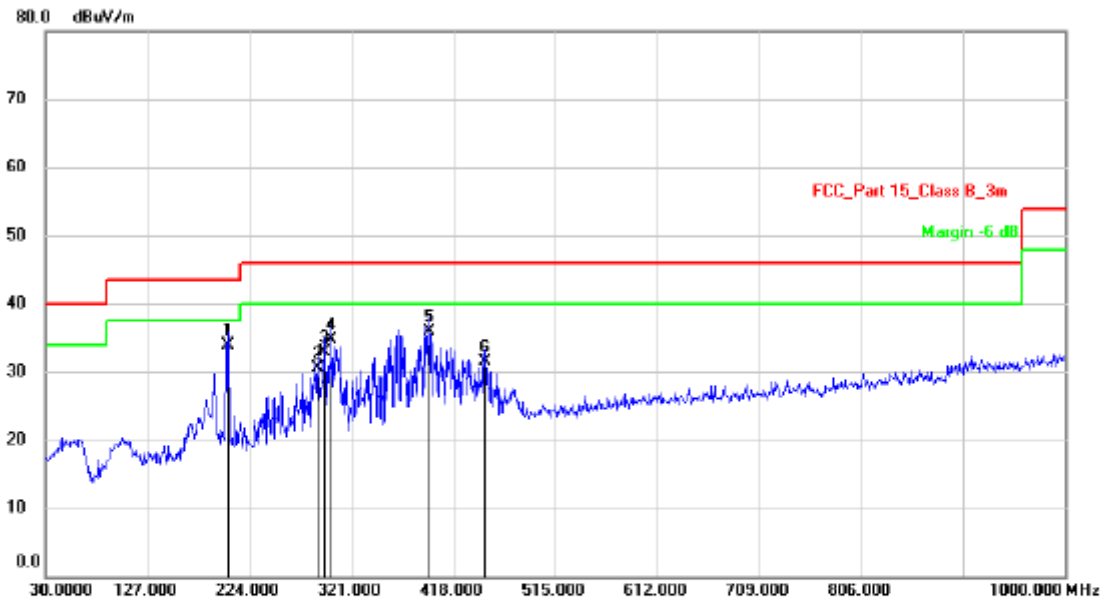
Please refer to the following pages of the worst case.

M/N: 71U0 (GEX w/DAB version)	Testing Voltage: DC 13.5V
Polarization: Horizontal	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/2/27

Time: 16:41:22



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	203.6300	41.57	-7.67	33.90	43.50	-9.60	QP	
2		288.9900	36.25	-5.75	30.50	46.00	-15.50	QP	
3		295.7800	38.50	-5.60	32.90	46.00	-13.10	QP	
4		302.5700	40.14	-5.44	34.70	46.00	-11.30	QP	
5		395.6900	39.43	-3.43	36.00	46.00	-10.00	QP	
6		448.0700	34.07	-2.57	31.50	46.00	-14.50	QP	

Note 1: Other emissions are lower than 20dB below the allowable limit.

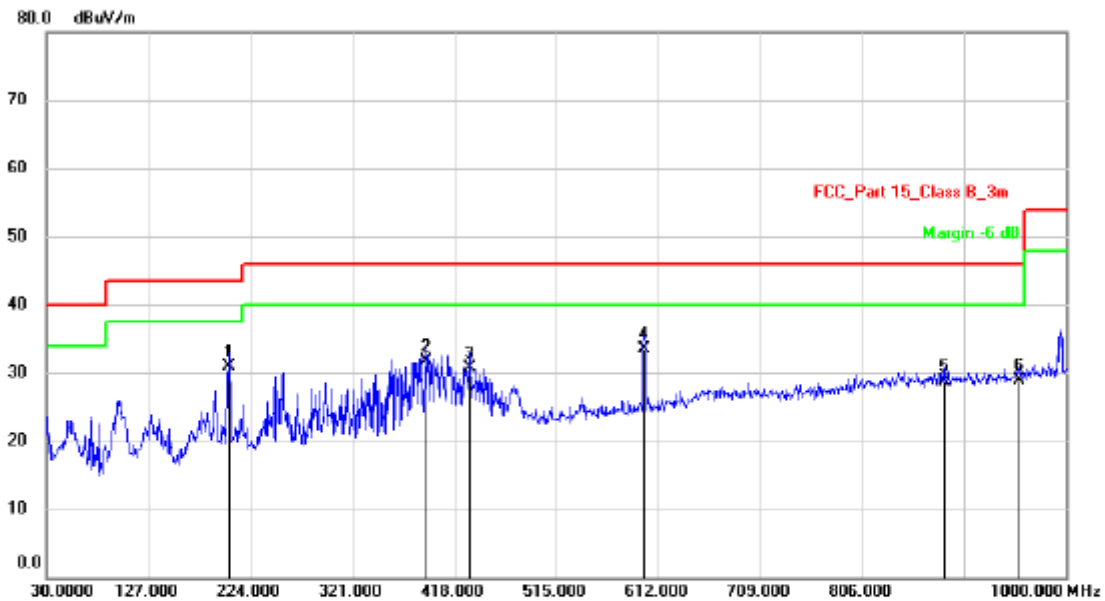
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (GEX w/DAB version)	Testing Voltage: DC 13.5V
Polarization: Vertical	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/2/27

Time: 16:47:55



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		203.6300	39.59	-8.69	30.90	43.50	-12.60	QP	
2		391.8100	36.30	-4.50	31.80	46.00	-14.20	QP	
3		432.5500	34.63	-3.83	30.80	46.00	-15.20	QP	
4	*	598.4200	33.86	-0.36	33.50	46.00	-12.50	QP	
5		883.6000	23.76	4.94	28.70	46.00	-17.30	QP	
6		955.3800	23.80	5.10	28.90	46.00	-17.10	QP	

Note 1: Other emissions are lower than 20dB below the allowable limit.

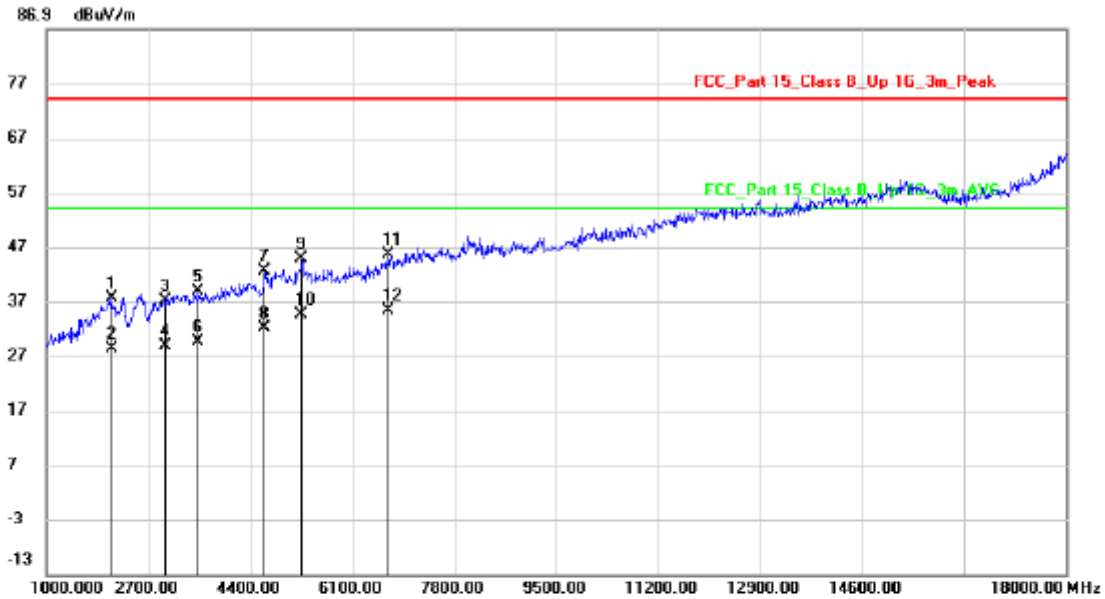
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (GEX w/DAB version)	Testing Voltage: DC 13.5V
Polarization: Horizontal	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 15:55:58



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	2088.000	38.14	-0.65	37.49	74.00	-36.51	peak
2	2088.000	28.90	-0.65	28.25	54.00	-25.75	AVG
3	2972.000	35.16	1.75	36.91	74.00	-37.09	peak
4	2972.000	26.91	1.75	28.66	54.00	-25.34	AVG
5	3533.000	35.87	2.81	38.68	74.00	-35.32	peak
6	3533.000	26.84	2.81	29.65	54.00	-24.35	AVG
7	4638.000	36.75	5.66	42.41	74.00	-31.59	peak
8	4638.000	26.30	5.66	31.96	54.00	-22.04	AVG
9	5250.000	37.85	6.82	44.67	74.00	-29.33	peak
10	5250.000	27.78	6.82	34.60	54.00	-19.40	AVG
11	6695.000	36.85	8.72	45.57	74.00	-28.43	peak
12 *	6695.000	26.58	8.72	35.30	54.00	-18.70	AVG

Note 1: Other emissions are lower than 20dB below the allowable limit.

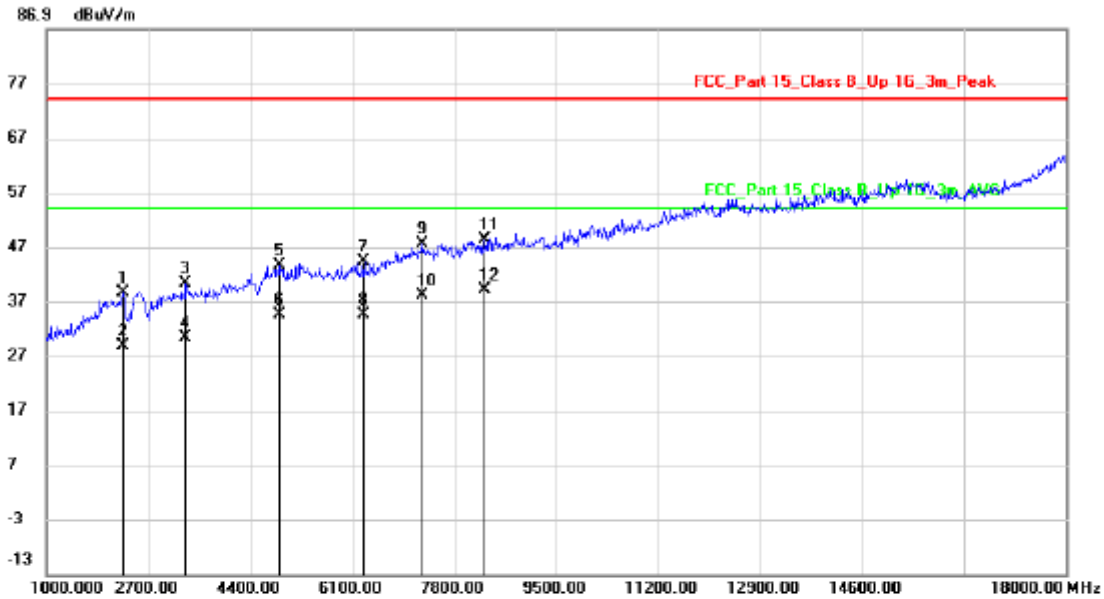
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (GEX w/DAB version)	Testing Voltage: DC 13.5V
Polarization: Vertical	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 16:05:05



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector
1	2275.000	38.81	-0.22	38.59	74.00	-35.41	peak
2	2275.000	29.05	-0.22	28.83	54.00	-25.17	AVG
3	3312.000	38.07	2.25	40.32	74.00	-33.68	peak
4	3312.000	27.91	2.25	30.16	54.00	-23.84	AVG
5	4893.000	36.86	6.64	43.50	74.00	-30.50	peak
6	4893.000	27.83	6.64	34.47	54.00	-19.53	AVG
7	6287.000	36.78	7.39	44.17	74.00	-29.83	peak
8	6287.000	27.15	7.39	34.54	54.00	-19.46	AVG
9	7256.000	37.05	10.51	47.56	74.00	-26.44	peak
10	7256.000	27.43	10.51	37.94	54.00	-16.06	AVG
11	8310.000	36.74	11.51	48.25	74.00	-25.75	peak
12 *	8310.000	27.50	11.51	39.01	54.00	-14.99	AVG

Note 1: Other emissions are lower than 20dB below the allowable limit.

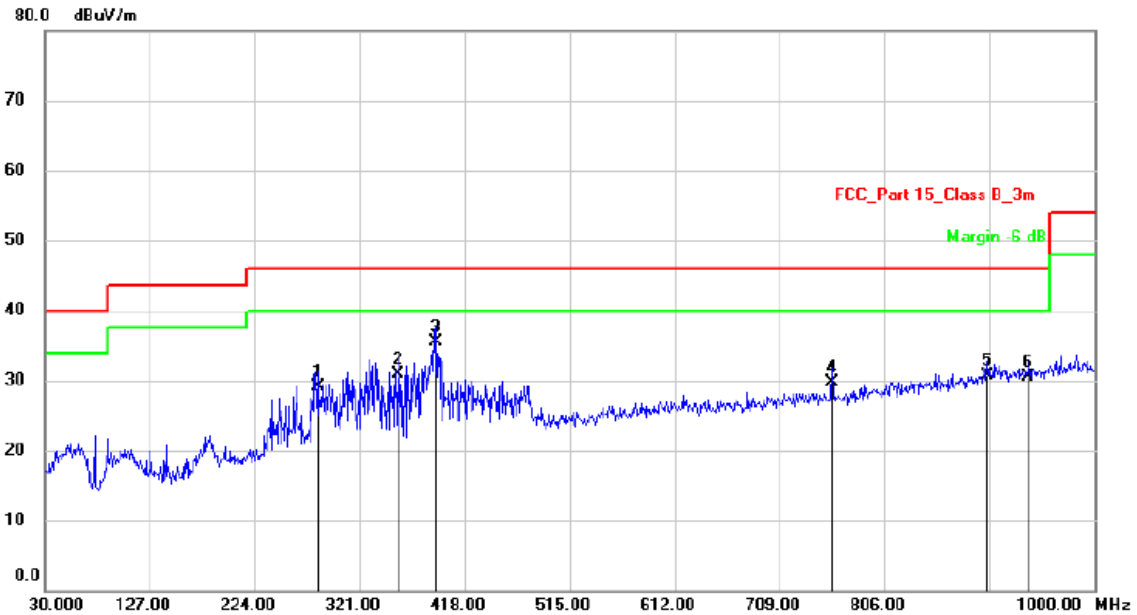
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (IND version)	Testing Voltage: DC 13.5V
Polarization: Horizontal	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 14:00:44



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	282.2000	35.04	-5.84	29.20	46.00	-16.80	QP
2	355.9200	34.98	-4.08	30.90	46.00	-15.10	QP
3 *	391.8100	39.10	-3.50	35.60	46.00	-10.40	QP
4	757.5000	26.63	3.17	29.80	46.00	-16.20	QP
5	901.0600	24.60	6.20	30.80	46.00	-15.20	QP
6	938.8900	24.35	6.25	30.60	46.00	-15.40	QP

Note 1: Other emissions are lower than 20dB below the allowable limit.

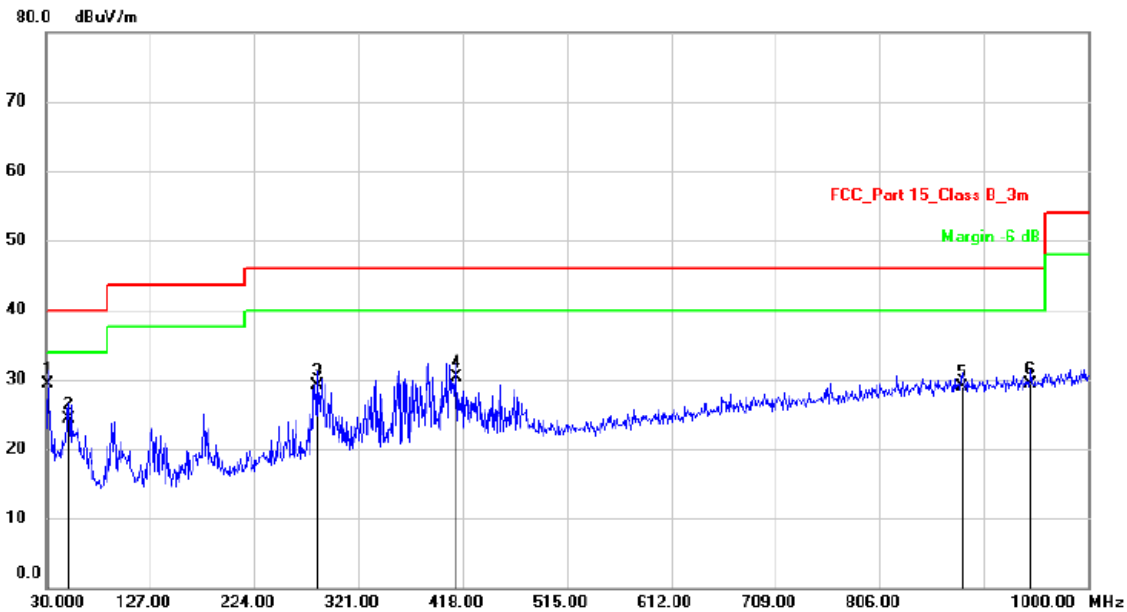
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (IND version)	Testing Voltage: DC 13.5V
Polarization: Vertical	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 14:06:34



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1 *	31.9400	38.90	-9.60	29.30	40.00	-10.70	QP
2	51.3400	31.53	-7.13	24.40	40.00	-15.60	QP
3	282.2000	35.94	-6.84	29.10	46.00	-16.90	QP
4	412.1800	34.42	-4.12	30.30	46.00	-15.70	QP
5	882.6300	23.96	4.94	28.90	46.00	-17.10	QP
6	946.6500	24.35	5.05	29.40	46.00	-16.60	QP

Note 1: Other emissions are lower than 20dB below the allowable limit.

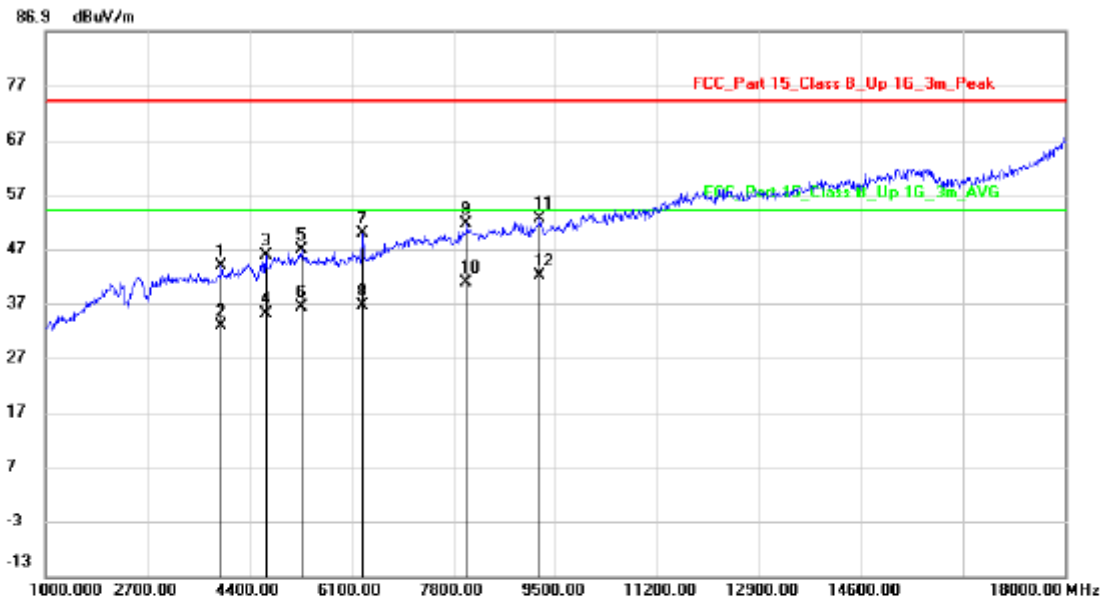
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (IND version)	Testing Voltage: DC 13.5V
Polarization: Horizontal	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 14:50:58



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	3941.000	40.01	3.87	43.88	74.00	-30.12	peak
2	3941.000	28.93	3.87	32.80	54.00	-21.20	AVG
3	4672.000	40.04	5.79	45.83	74.00	-28.17	peak
4	4672.000	29.22	5.79	35.01	54.00	-18.99	AVG
5	5267.000	40.08	6.82	46.90	74.00	-27.10	peak
6	5267.000	29.56	6.82	36.38	54.00	-17.62	AVG
7	6287.000	42.30	7.39	49.69	74.00	-24.31	peak
8	6287.000	29.09	7.39	36.48	54.00	-17.52	AVG
9	8021.000	40.30	11.32	51.62	74.00	-22.38	peak
10	8021.000	29.53	11.32	40.85	54.00	-13.15	AVG
11	9245.000	40.34	12.11	52.45	74.00	-21.55	peak
12 *	9245.000	29.82	12.11	41.93	54.00	-12.07	AVG

Note 1: Other emissions are lower than 20dB below the allowable limit.

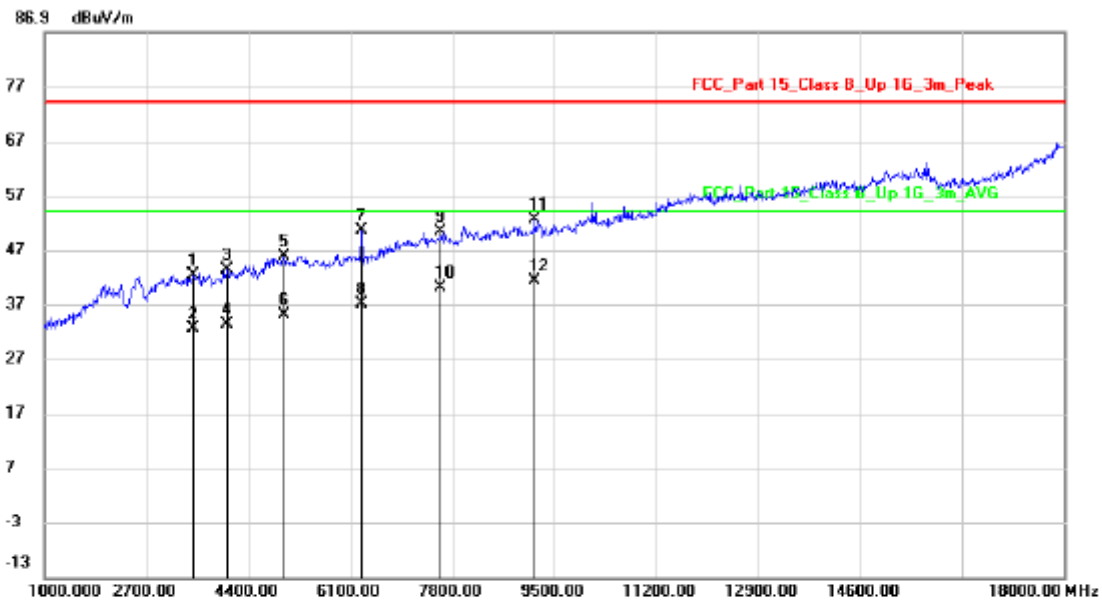
Note 2: *:Maximum data x:Over limit !:over margin

M/N: 71U0 (IND version)	Testing Voltage: DC 13.5V
Polarization: Vertical	Detector: QP
Test Mode: 2	Distance: 3m

Radiated Emission Measurement

Date: 2025/3/22

Time: 14:57:09



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	3482.000	39.50	2.71	42.21	74.00	-31.79	peak
2	3482.000	29.74	2.71	32.45	54.00	-21.55	AVG
3	4043.000	39.12	4.14	43.26	74.00	-30.74	peak
4	4043.000	29.25	4.14	33.39	54.00	-20.61	AVG
5	4995.000	38.71	7.02	45.73	74.00	-28.27	peak
6	4995.000	27.93	7.02	34.95	54.00	-19.05	AVG
7	6287.000	43.02	7.39	50.41	74.00	-23.59	peak
8	6287.000	29.73	7.39	37.12	54.00	-16.88	AVG
9	7613.000	39.38	10.85	50.23	74.00	-23.77	peak
10	7613.000	29.09	10.85	39.94	54.00	-14.06	AVG
11	9177.000	40.46	12.01	52.47	74.00	-21.53	peak
12 *	9177.000	29.32	12.01	41.33	54.00	-12.67	AVG

Note 1: Other emissions are lower than 20dB below the allowable limit.

Note 2: *:Maximum data x:Over limit !:over margin

14. Measuring Devices and Test Equipment

☐ For Conducted Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI	101152	Mar. 12, 2024	1 Year
2.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Mar. 12, 2024	1 Year
3.	L.I.S.N	Rohde & Schwarz	ESH2-Z5	893606/014	Mar. 12, 2024	1 Year
4.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Mar. 12, 2024	1 Year
5.	Test Software	EZ	EZ_EMC, NTC-3A1.1	N/A	N/A	N/A

☒ For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Mar. 12, 2024	1 Year
2.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Mar. 12, 2024	1 Year
3.	Antenna	Schwarzbeck	VULB9162	9162-010	Mar. 23, 2024	2 Year
4.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Mar. 23, 2024	2 Year
5.	Horn Antenna	COM-Power	AH-118	071078	Mar. 23, 2024	2 Year
6.	Pre-Amplifier	HP	HP 8447D	1145A00203	Mar. 12, 2024	1 Year
7.	Pre-Amplifier	HP	HP 8449B	3008A00964	Mar. 12, 2024	1 Year
8.	Chamber	SAEMC	9*7*7m	N/A	Apr. 21, 2023	2 Year
9.	Test Software	EZ	EZ_EMC, NTC-3A1.1	N/A	N/A	N/A

---End---