

RADIO PERFORMANCE TEST REPORT

Test Report No. : OT-234-RWD-024

Reception No. : 2303000827

Applicant : Nttworks Co., Ltd

Address : 5-10, Nttworks Bldg. Tongil-ro 89-gil, Eunpyeong-gu, Seoul, 03328, South Korea

Manufacturer : Nttworks Co., Ltd

Address : 5-10, Nttworks Bldg. Tongil-ro 89-gil, Eunpyeong-gu, Seoul, 03328, South Korea

Type of Equipment : Repeater

FCC ID : 2BAO4-SRT8200

Model No. : SRT-8200

Multiple Model Name : N/A

Serial number : N/A

Total page of Report : 22 pages (including this page)

Date of Incoming : March 22, 2023

Date of issuing : April 19, 2023

SUMMARY

The equipment complies with the regulation; **FCC PART 15 SUBPART C Section 15.209 and Section 15.231**

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 report is not correlated with the "KS Q ISO/IEC 17025 and KOLAS accreditation" of Korean Laboratory Accreditation Scheme.



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Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-234-RWD-024	April 19, 2023	Initial Release	All

1. VERIFICATION OF COMPLIANCE

Applicant : Nttworks Co., Ltd
 Address : 5-10, Nttworks Bldg. Tongil-ro 89-gil, Eunpyeong-gu, Seoul, 03328, South Korea
 Contact Person : Jun Young, Kim / Engineer
 Telephone No. : +82-2-387-3790
 FCC ID : 2BAO4-SRT8200
 Model Name : SRT-8200
 Brand Name : Syscall/Nttworks Co., Ltd
 Serial Number : N/A
 Date : April 19, 2023

EQUIPMENT CLASS	DSC - Part 15, Security/Remote Control Transmitter
E.U.T. DESCRIPTION	Repeater
THIS REPORT CONCERNS	Original grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2013
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 15.209 and Section 15.231
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
15.231(c)	Bandwidth Measurement	Met the Limit / PASS
15.231(a)	Transmission Time	Met the Limit / PASS
15.231(b) 15.209(a)	Field Strength of Fundamental and Spurious Emission	Met the Limit / PASS
15.205	Restricted Band	Met the Limit / PASS
15.207	AC Conducted Emissions	Met the Limit / PASS

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 section 2.1.

2.5 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10: 2013. 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 Nttworks Co., Ltd, Model: SRT-8200 (referred to as the EUT in this report) is a Transmitter that it controls locking and unlocking the door of a vehicle. Product specification information described herein was obtained from product data sheet or user's manual.

DEVICE TYPE	Repeater
TX FREQUENCY	433.42 MHz
RX FREQUENCY	433.42 MHz
MODULATION	FSK
LIST OF EACH OSC. OR CRY. FREQ.(FREQ.>= 1 MHz)	30 MHz
DUTY CYCLE FACTOR	21.34 dB (Duty Cycle: 8.57 %)
ANTENNA TYPE	Helical Antenna
ANTEENA GAIN	3.16 dBi
RATED SUPPLY VOLTAGE	DC 12.0 V

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

-. None

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	SYSCALL	SRC-204-170530	-

5.2 Peripheral equipment

-. None

5.3 Mode of operation during the test

Software was programmed into the EUT to maintain continuous transfer mode. The EUT was set at 433.42 MHz. To get a maximum radiated emission levels from the EUT, the EUT was moved throughout the XY, XZ, and YZ planes and the worst case is “XY” axis. So, the worst data was recorded in this test report.

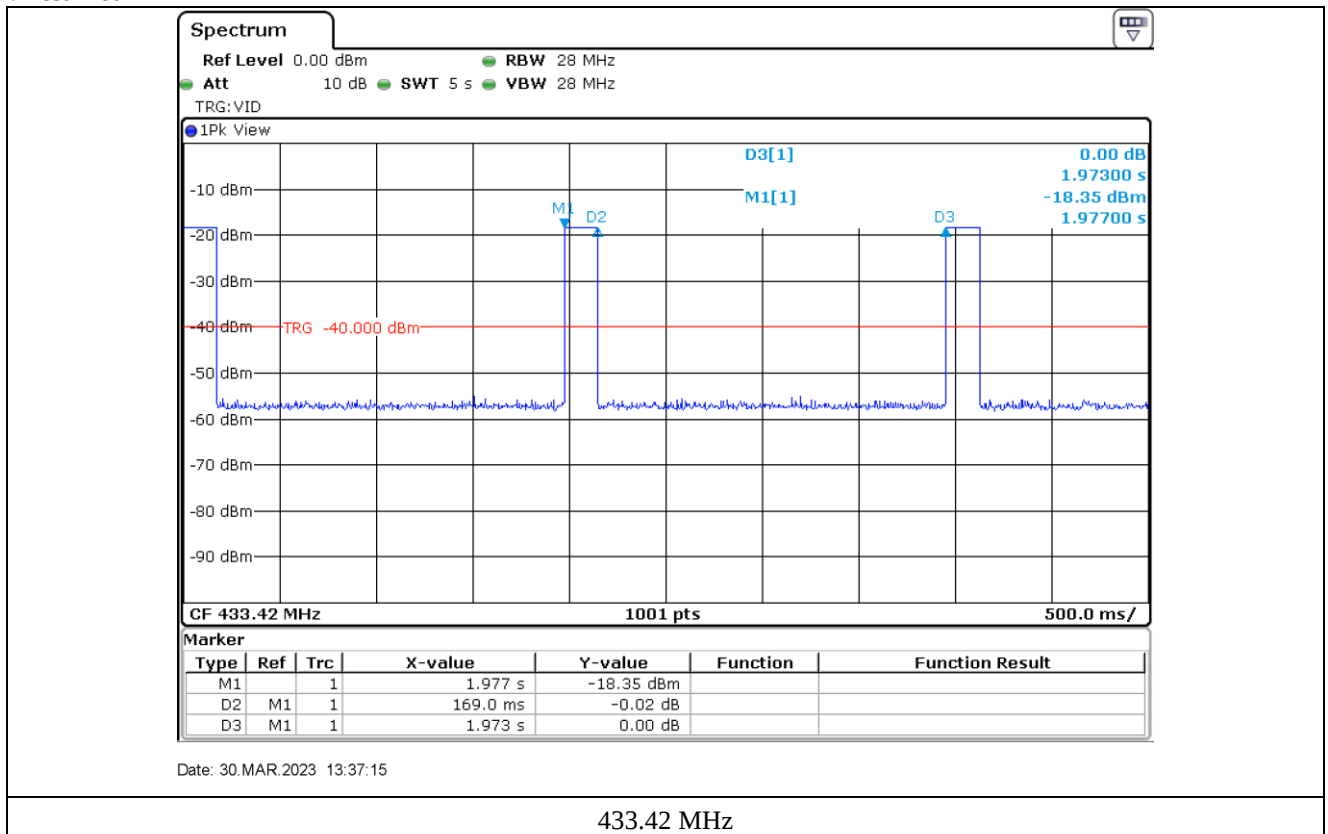
-. Duty Cycle

Frequency (MHz)	Tx On Time [ms]	Tx Off Time [ms]	Duty Cycle [%]	Duty Cycle Factor [dB]
433.42	169	1 973	8.57	21.34

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

Duty Cycle Factor : $20 * \log(1 / (\text{Duty Cycle} / 100))$

-. Test Plot



The average field strength may be found by measuring the peak pulse amplitude (in log equivalent units) and determining the duty cycle correction factor (in dB) associated with the pulse modulation as shown in Equation. (ANSI C63.10: 2013)

5.4 Configuration of Test System

Line Conducted Test: The EUT was connected to adaptor and the power of adaptor was connected to LISN. All supporting equipment were connected to another LISN. Preliminary Power line Conducted Emission test was performed by using the procedure in ANSI C63.10: 2013 to determine the worse operating conditions.

Radiated Emission Test: Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10: 2013 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 m 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 Helical Antenna on the main board, so no consideration of replacement by the user.

6. PRELIMINARY TEST

6.1 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)
Transmitting Mode	X

6.2 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

7. Bandwidth Measurement

7.1 Operating environment

Temperature : 21 °C

Relative humidity : 52 % R.H.

7.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer. The resolution bandwidth is set to 10 kHz, and peak detection was used. The bandwidth of fundamental frequency was measured and recorded.



7.3 Test date

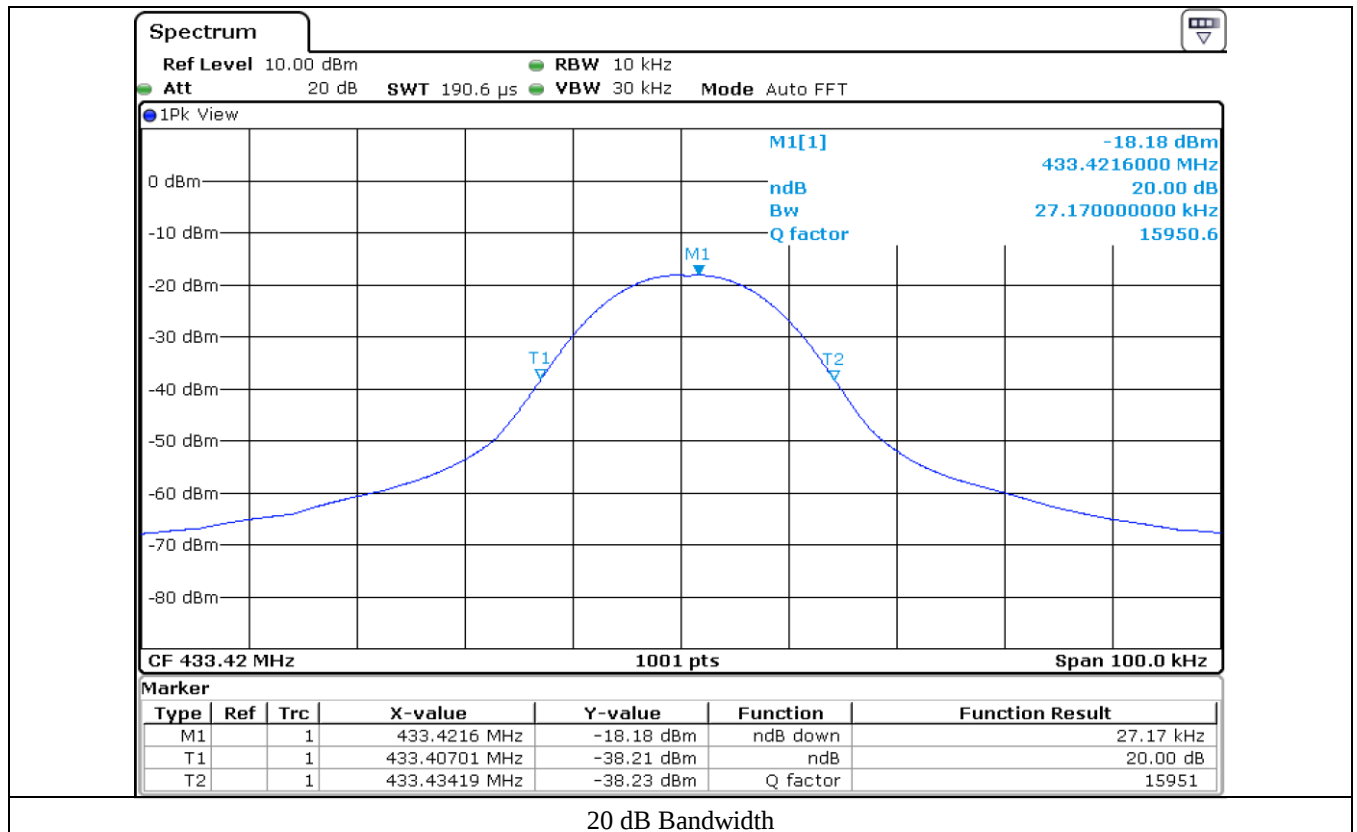
March 22, 2023 ~ April 14, 2023

7.4 Test data

-. Test Result : Pass

Frequency (MHz)	20 dB Bandwidth (MHz)	Limit (MHz)
433.42	0.027	1.085

Remark: See next page for measurement data.



8. Transmission Time

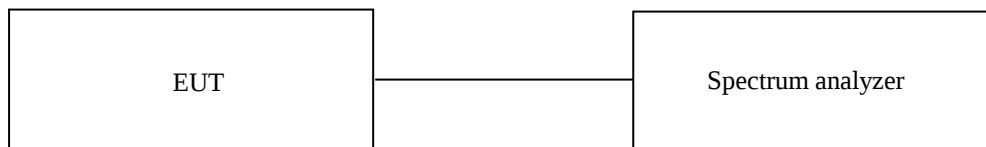
8.1 Operating environment

Temperature : 21 °C

Relative humidity : 52 % 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 bandwidth of fundamental frequency was measured and recorded.



8.3 Test date

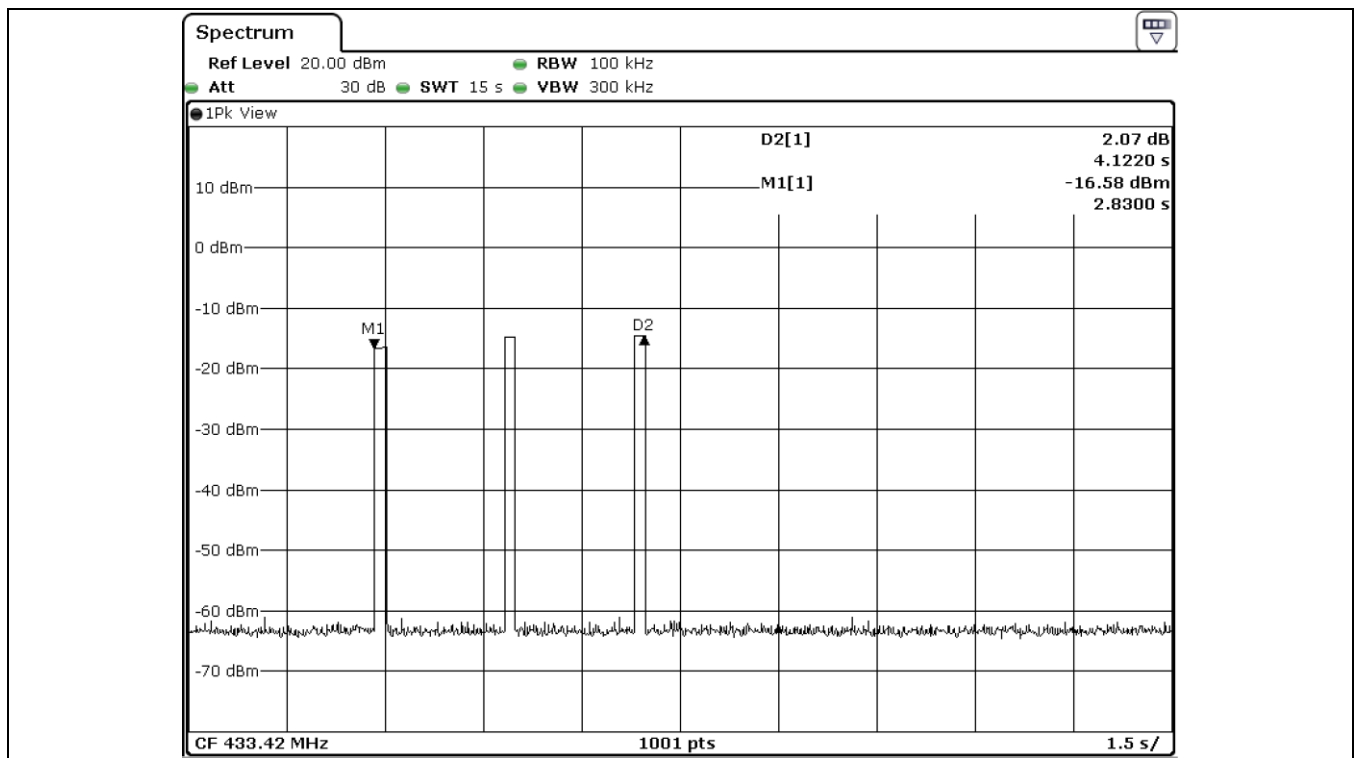
March 22, 2023 ~ April 14, 2023

8.4 Test data

-. Test Result : Pass

-. Test Applies : 15.231 (a) (1)

Frequency (MHz)	Transmission Time (s)	Limit (s)	Result
433.42	4.122	5.000	Pass



9. Radiated Emission Test

9.1 Regulation

According to §15.209(a), for an intentional device, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency [MHz]	Field strength [μ V/m]	Field strength [dBμ V/m]	Measurement distance [m]
0.009 ~ 0.490	2 400 / F (kHz)	-	300
0.490 ~ 1.705	24 000 / F (kHz)	-	30
1.705 ~ 30	30	29.50	30
30 ~ 88	*100	40.00	3
88 ~ 216	*150	43.52	3
216 ~ 960	*200	46.02	3
Above 960	500	53.98	3

*Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 ~ 72 MHz, 76 ~ 88 MHz, 174 ~ 216 MHz or 470 ~ 806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

According to §15.231(b), for an intentional device, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency [MHz]	Field strength of Fundamental [μ V/m]	Field strength of Spurious Emissions [μ V/m]
40.66 ~ 40.70	2 250	225
70 ~ 130	1 250	125
130 ~ 174	1 250 ~ 3 750 **	125 ~ 375 **
174 ~ 260	3 750	375
260 ~ 470	3 750 ~ 12 500 **	375 ~ 1 250 **
Above 470	12 500	1 250

** Linear interpolations

9.2 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 kHz to 1 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.

9.3 Test date

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9.4 Test data

9.4.1 Field Strength of Fundamental

The following table shows the highest levels of radiated emissions on both polarizations of horizontal and vertical.

Humidity Level : 52 % R.H. Temperature: 21 °C
 Limits apply to : FCC CFG 47, PART 15, SUBPART C, SECTION 15.231(b)
 Result : PASSED

EUT : Repeater

Operating Condition : TX mode

Distance : 3 m

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Duty Factor	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
433.42	103.52	Peak	H	22.10	2.70	32.00	-	96.32	100.83	4.51
	-	Average	H	22.10	2.70	32.00	21.34	74.98	80.83	5.85
	105.02	Peak	V	22.10	2.70	32.00	-	97.82	100.83	3.01
	-	Average	V	22.10	2.70	32.00	21.34	76.48	80.83	4.35

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

Total (dBμV/m) = Reading (dBμV) + Ant Factor (dB) + Cable Loss (dB) – Amp Gain (dB) – Duty Factor (dB)

Margin (dB) = Limits (dBμV/m) - Total (dBμV/m)

9.4.2 Spurious Emission Test & Restricted Band Test

9.4.2.1 Test data for 9 kHz to 30 MHz

-. Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)

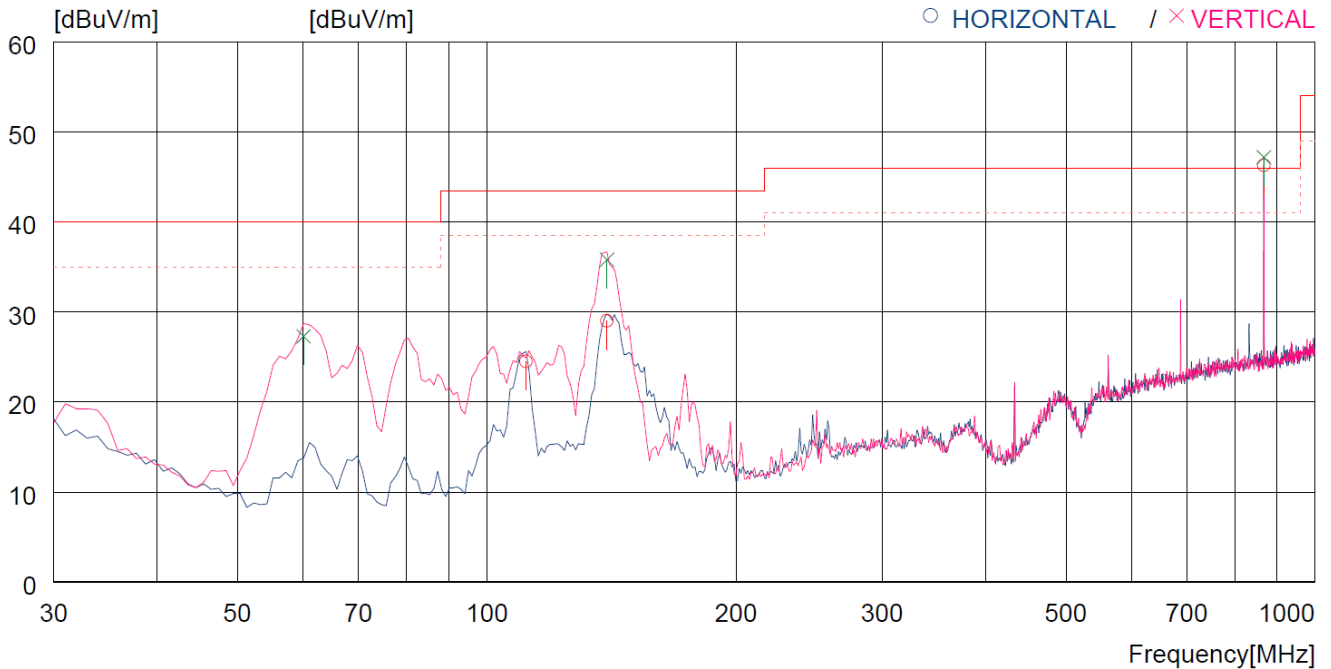
-. Frequency range : 9 kHz ~ 30 MHz

-. Measurement distance : 3 m

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)
All emissions observed were 20 dB below the limit.									

9.4.2.2 Test data for 30 MHz to 1 000 MHz

- . Resolution bandwidth : 120 kHz
- . Frequency range : 30 MHz ~ 1 000 MHz
- . Measurement distance : 3 m



Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Duty Factor	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
60.07	46.20	QP	V	12.10	1.00	32.00	-	27.30	40.00	12.70
111.48	38.00	QP	H	17.20	1.30	32.00	-	24.50	43.50	19.00
139.61	40.30	QP	H	19.20	1.50	32.00	-	29.00	43.50	14.50
139.61	47.10	QP	V	19.20	1.50	32.00	-	35.80	43.50	7.70
866.84 ¹⁾	47.30	Peak	H	27.30	3.90	32.20	-	46.30	80.83	34.53
866.84 ¹⁾	-	Average	H	27.30	3.90	32.20	21.34	24.96	60.83	35.87
866.84 ¹⁾	48.20	Peak	V	27.30	3.90	32.20	-	47.20	80.83	33.63
866.84 ¹⁾	-	Average	V	27.30	3.90	32.20	21.34	25.86	60.83	34.97

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

¹⁾ : Harmonic

Total (dBμV/m) = Reading (dBμV) + Ant Factor (dB) + Cable Loss (dB) – Amp Gain (dB) – Duty Factor (dB)

Margin (dB) = Limits (dBμV/m) - Total (dBμV/m)

9.4.2.3 Test data for above 1 GHz

- . Resolution bandwidth : 1 MHz for Peak and Average Mode
- . Video bandwidth : 1 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 5 GHz
- . Measurement distance : 3 m
- . Operating mode : Transmitting mode

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Duty Factor	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1 300.26 ^{1), 2)}	67.36	Peak	H	25.30	3.50	45.20	-	50.96	74.00	23.04
1 300.26 ^{1), 2)}	-	Average	H	25.30	3.50	45.20	21.34	29.62	54.00	24.38
1 300.26 ^{1), 2)}	66.47	Peak	V	25.30	3.50	45.20	-	50.07	74.00	23.93
1 300.26 ^{1), 2)}	-	Average	V	25.30	3.50	45.20	21.34	28.73	54.00	25.27
1 733.68 ¹⁾	55.83	Peak	H	26.40	4.10	45.10	-	41.23	80.83	39.60
1 733.68 ¹⁾	-	Average	H	26.40	4.10	45.10	21.34	19.89	60.83	40.94
1 733.68 ¹⁾	57.14	Peak	V	26.40	4.10	45.10	-	42.54	80.83	38.29
1 733.68 ¹⁾	-	Average	V	26.40	4.10	45.10	21.34	21.20	60.83	39.63
2 167.10 ¹⁾	61.83	Peak	H	28.40	4.50	45.00	-	49.73	80.83	31.10
2 167.10 ¹⁾	-	Average	H	28.40	4.50	45.00	21.34	28.39	60.83	32.44
2 167.10 ¹⁾	60.05	Peak	V	28.40	4.50	45.00	-	47.95	80.83	32.88
2 167.10 ¹⁾	-	Average	V	28.40	4.50	45.00	21.34	26.61	60.83	34.22
2 600.52 ¹⁾	58.07	Peak	H	29.50	4.90	44.80	-	47.67	80.83	33.16
2 600.52 ¹⁾	-	Average	H	29.50	4.90	44.80	21.34	26.33	60.83	34.50
2 600.52 ¹⁾	59.02	Peak	V	29.50	4.90	44.80	-	48.62	80.83	32.21
2 600.52 ¹⁾	-	Average	V	29.50	4.90	44.80	21.34	27.28	60.83	33.55
3 033.94 ¹⁾	56.92	Peak	H	29.90	5.30	44.70	-	47.42	80.83	33.41
3 033.94 ¹⁾	-	Average	H	29.90	5.30	44.70	21.34	26.08	60.83	34.75
3 033.94 ¹⁾	58.00	Peak	V	29.90	5.30	44.70	-	48.50	80.83	32.33
3 033.94 ¹⁾	-	Average	V	29.90	5.30	44.70	21.34	27.16	60.83	33.67
3 467.36 ¹⁾	64.46	Peak	H	30.50	5.70	44.70	-	55.96	80.83	24.87
3 467.36 ¹⁾	-	Average	H	30.50	5.70	44.70	21.34	34.62	60.83	26.21
3 467.36 ¹⁾	62.89	Peak	V	30.50	5.70	44.70	-	54.39	80.83	26.44
3 467.36 ¹⁾	-	Average	V	30.50	5.70	44.70	21.34	33.05	60.83	27.78

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Amp Gain	Duty Factor	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
4 334.20 ^{1), 2)}	51.30	Peak	H	32.90	6.60	44.60	-	46.20	74.00	27.80
4 334.20 ^{1), 2)}	-	Average	H	32.90	6.60	44.60	21.34	24.86	54.00	29.14
4 334.20 ^{1), 2)}	51.00	Peak	V	32.90	6.60	44.60	-	45.90	74.00	28.10
4 334.20 ^{1), 2)}	-	Average	V	32.90	6.60	44.60	21.34	24.56	54.00	29.44

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

¹⁾ : Harmonic

²⁾ : Restricted band

Total (dBμV/m) = Reading (dBμV) + Ant Factor (dB) + Cable Loss (dB) – Amp Gain (dB) – Duty Factor (dB)

Margin (dB) = Limits (dBμV/m) - Total (dBμV/m)

10. CONDUCTED EMISSION TEST

10.1 Operating environment

Temperature : 21 °C

Relative humidity : 52 % R.H.

10.2 Test set-up

The EUT was placed on a wooden table, 0.8 m height above the floor. Power was fed to the EUT through a 50 Ω / 50 μ H + 5 Ω Artificial Mains Network (AMN). The ground plane was electrically bonded to the reference ground system and all power lines were filtered from ambient.

10.3 Measurement uncertainty

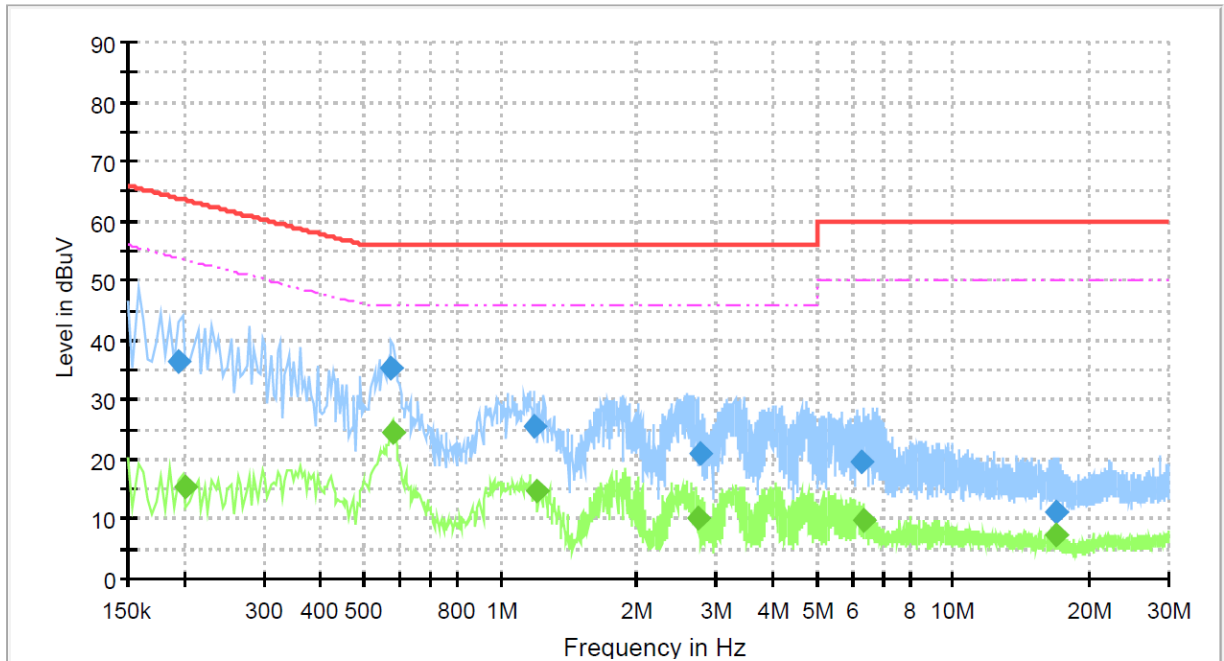
The uncertainty for Conducted emission test is ± 1.6 dB

10.4 Test date

March 22, 2023 ~ April 14, 2023

10.5 Test data

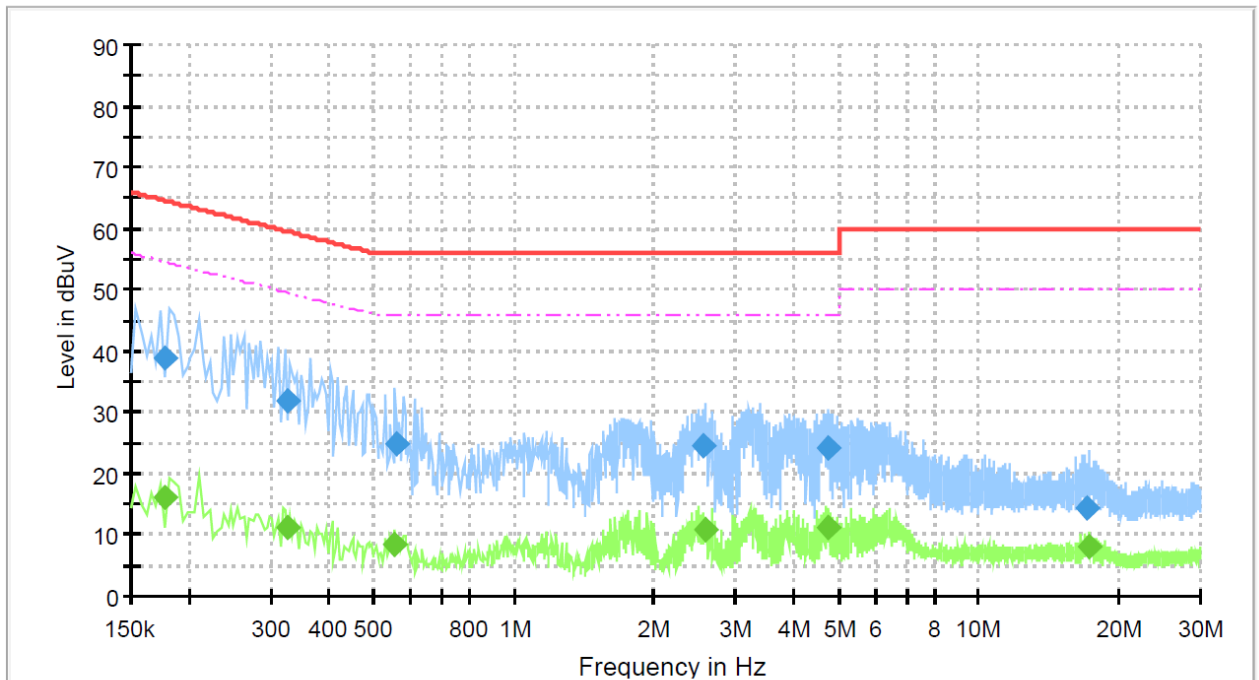
- . Resolution bandwidth : 9 kHz
- . Frequency range : 0.15 MHz ~ 30 MHz
- . Tested Line : HOT LINE



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.194	36.50	---	63.89	27.38	1000.0	9.0	L1	9.99
0.202	---	15.35	53.55	38.20	1000.0	9.0	L1	9.99
0.572	35.47	---	56.00	20.53	1000.0	9.0	L1	9.99
0.580	---	24.66	46.00	21.34	1000.0	9.0	L1	9.99
1.186	25.68	---	56.00	30.32	1000.0	9.0	L1	10.03
1.202	---	14.62	46.00	31.38	1000.0	9.0	L1	10.03
2.729	---	10.13	46.00	35.87	1000.0	9.0	L1	10.09
2.761	20.99	---	56.00	35.01	1000.0	9.0	L1	10.09
6.298	19.65	---	60.00	40.35	1000.0	9.0	L1	10.27
6.346	---	9.69	50.00	40.31	1000.0	9.0	L1	10.28
16.842	---	7.28	50.00	42.72	1000.0	9.0	L1	10.83
16.858	11.33	---	60.00	48.67	1000.0	9.0	L1	10.84

-. Tested Line : NEUTRAL LINE



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.178	---	15.97	54.60	38.64	1000.0	9.0	N	10.01
0.178	39.01	---	64.60	25.59	1000.0	9.0	N	10.01
0.326	---	11.28	49.57	38.28	1000.0	9.0	N	9.98
0.327	31.95	---	59.54	27.59	1000.0	9.0	N	9.98
0.552	---	8.30	46.00	37.70	1000.0	9.0	N	9.98
0.556	24.82	---	56.00	31.18	1000.0	9.0	N	9.98
2.568	24.40	---	56.00	31.60	1000.0	9.0	N	10.08
2.568	---	10.74	46.00	35.26	1000.0	9.0	N	10.08
4.746	---	11.17	46.00	34.83	1000.0	9.0	N	10.17
4.762	24.13	---	56.00	31.87	1000.0	9.0	N	10.17
17.101	14.28	---	60.00	45.72	1000.0	9.0	N	10.87
17.310	---	8.05	50.00	41.95	1000.0	9.0	N	10.88

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

11. LIST OF TEST EQUIPMENT

Model Number	Manufacturer	Description	Serial Number	Last Cal. (Interval)
FSV40-N	Rohde & Schwarz	Spectrum analyzer	102177	Apr. 03, 2023 (1Y)
ESU	Rohde & Schwarz	EMI Test Receiver	100261	Mar. 06, 2023 (1Y)
ESR3	Rohde & Schwarz	EMI Test Receiver	102602	Mar. 15, 2023 (1Y)
HLP-2008	TDK RF Solutions	Hybrid Antenna	131316	Mar. 07, 2022 (2Y)
310N	Sonoma Instrument	Pre-Amplifier	392756	Oct. 10, 2022 (1Y)
AH-118	Com-Power	Horn Antenna	10050061	Oct. 21, 2022 (1Y)
NSLK8126	Schwarzbeck	AMN	8126-404	Mar. 15, 2023 (1Y)
ESH3Z2	Rohde & Schwarz	PULSE LIMITER	357.8810.52	Mar. 14, 2023 (1Y)
N/A	PHELCOM.CO	Band Reject Filter	N/A	Jan. 17, 2023 (1Y)
F-20-1000-N	RLC Electronis	High Pass Filter (1 GHz)	0426	Jan. 17, 2023 (1Y)
HPF 3GHz	Rohde & Schwarz	High Pass Filter (3 GHz)	N/A	Jan. 17, 2023 (1Y)
SCU 18	R/S	SIGNAL CONDITIONING UNIT	18040081	Jul. 12, 2022 (1Y)
DT2000-2t	Innco Systems GmbH	Turn Table	N/A	N/A
MA-4640-XPET	Innco Systems GmbH	Antenna Master	MA4640/652/ 43100318/P	N/A
CO3000	Innco Systems GmbH	Controller	1026/40960617/P	N/A
FMZB 1513	Schwarzbeck	Loop Antenna	1513-235	Mar 24, 2022 (2Y)