



FCC Radio Test Report

FCC ID: 2AME8MT-15

This report concerns: Original Grant

Project No.	:	2508C306
Equipment	:	Mate Pro
Brand Name	:	Bond
Model Name	:	MT-1500
Applicant	:	olibra llc
Address	:	45 legion dr CRESSKILL, NJ 07626
Manufacturer	:	olibra llc
Address	:	45 legion dr CRESSKILL, NJ 07626
Factory	:	Chengdu Lelian Zhichuang Technology Co., Ltd.
Address	:	No. 1, 2nd Floor, Building 2, 15 Gaopeng Avenue, High-tech Zone, Chengdu, Sichuan Province
Date of Receipt	:	Aug. 08, 2025
Date of Test	:	Aug. 12, 2025 ~ Oct. 20, 2025
Issued Date	:	Nov. 13, 2025
Test Sample	:	Engineering Sample No.: DG920250808159 for radiated emissions below 30MHz, DG920250808160 for others.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

Prepared by

■ ■

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2508C306	R00	Original Report.	Nov. 06, 2025	Invalid
BTL-FCCP-1-2508C306	R01	This report updated the information of antenna in section 3.1 note 3. It is a revision of the report BTL-FCCP-1-2508C306 R00. This is a newly released report, replacing the BTL-FCCP-1-2508C306 R00 report.	Nov. 13, 2025	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standard:
ANSI C63.10-2020

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	N/A	-----
15.205 15.209 15.231(b)	Radiated Emission	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.231(c)	20 dB Spectrum Bandwidth	APPENDIX E	PASS	-----
15.231(a)	Timing Testing	APPENDIX F	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report:

For Radiated Emissions Above 30MHz: Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

For Others: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95.45% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	2.26

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DGGDCB01 (3m)	CISPR	30MHz ~ 1000MHz	3.88
		1GHz ~ 18GHz	3.98

B. Other Measurement test:

Test Item	Uncertainty
Bandwidth	0.90 %
Temperature	0.8 °C
Humidity	2.2 %

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
Radiated Emissions- 9kHz to 30 MHz	24°C	52%	DC 3V	Hayden Chen	Aug. 28, 2025
Radiated Emissions- 30MHz to 1000MHz	25°C	39%	DC 3V	Lafu Li	Sep. 03, 2025
Radiated Emissions- Above 1000MHz	25°C	39%	DC 3V	Lafu Li	Sep. 03, 2025
20 dB Spectrum Bandwidth	23°C	59%	DC 3V	Jayden Li	Sep. 02, 2025
Timing Testing	23°C	59%	DC 3V	Jayden Li	Oct. 20, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Mate Pro
Brand Name	Bond
Test Model	MT-1500
Model Name	MT-1500
Model Difference(s)	N/A
Hardware Version	V1
Software Version	v4.23.13.1
Power Source	Supplied from AAA batteries.
Power Rating	DC 3V
Operation Frequency	431MHz ~ 437MHz
Modulation Type	FSK
Field Strength	97.84dBμV/m

Note:

1. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

2. Channel List:

EUT Test Channel	Test Frequency (MHz)
CH01	431
CH02	434
CH03	437

3. Table for Filed Antenna:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Shenzhen Anwei Wireless Techonlogy Co. Ltd	AW006-Bond-021-A0	FPC	N/A	-2.14

3.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX Mode_CH01
Mode 2	TX Mode_CH01/CH02/CH03

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

Radiated Emissions test - Below 30MHz	
Final Test Mode	Description
Mode 1	TX Mode_CH01

Radiated Emissions test - Below 1GHz	
Final Test Mode	Description
Mode 2	TX Mode_CH01/CH02/CH03

Radiated Emissions test - Above 1GHz	
Final Test Mode	Description
Mode 2	TX Mode_CH01/CH02/CH03

20 dB Spectrum Bandwidth test	
Final Test Mode	Description
Mode 2	TX Mode_CH01/CH02/CH03

Timing Testing test	
Final Test Mode	Description
Mode 1	TX Mode_CH01

3.3 DUTY CYCLE

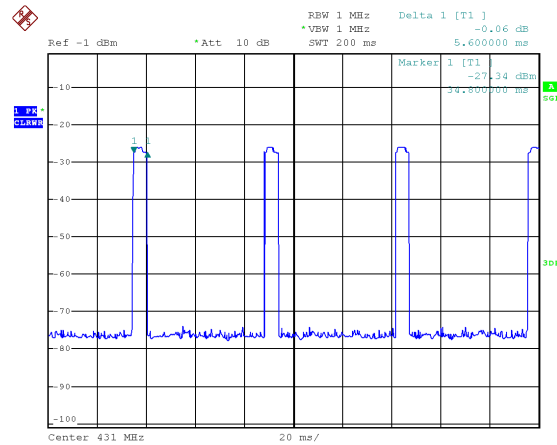
Test Frequency (MHz)	On Time (ms)	Total Time (ms)	Duty Cycle (%)
431	5.60	52.40	10.69

Total Time = On Time + Off Time

Average Reading = Peak Reading (dBuV/m) + 20log (Duty cycle)

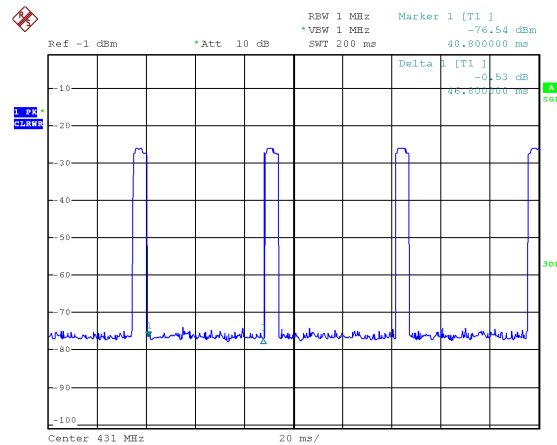
Average Reading = Peak+20*log (Duty Cycle) = Peak-19.42

ON TIME



Date: 2.SEP.2025 17:46:01

OFF TIME



Date: 2.SEP.2025 17:46:23

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
-	-	-	-	-

3.6 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency of Emission (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

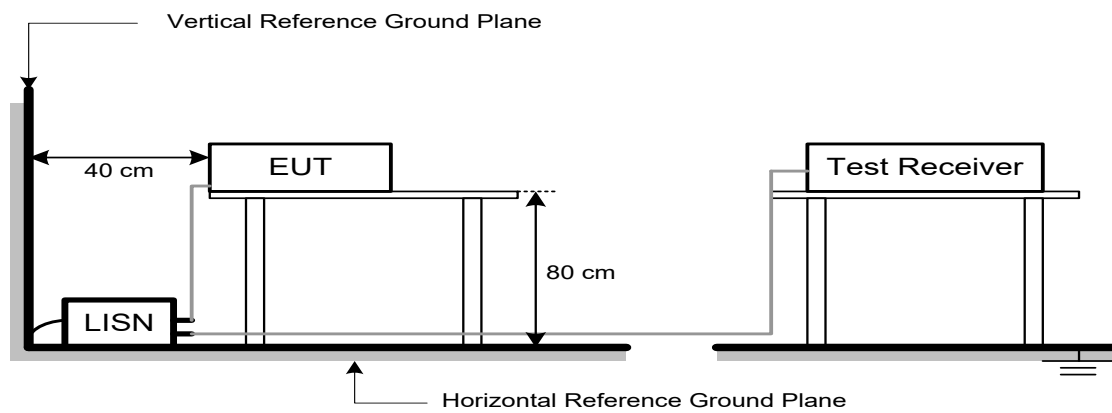
The following table is the setting of the receiver:

Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSION

5.1 LIMIT

Frequency Band (MHz)	Fundamental Emissions Limit(μ V/m) at 3m
40.66-40.70	2250
70-130	1250
130-174	1250-3750(Note1)
174-260	3750
260-470	3750-12500(Note1)
Above 470	12500

Frequency Band (MHz)	Spurious Emissions Limit(μ V/m) at 3m (Note2)
40.66-40.70	225
70-130	125
130-174	125-375(Note1)
174-260	375
260-470	375-1250(Note1)
Above 470	1250

Note:

- Linear interpolations, the formulas for calculating the maximum permitted fundamental field strengths are as follows:
 - For the band 130 - 174 MHz, μ V/m at 3 meters = $56.81818 \times (\text{operating frequency, MHz}) - 6136.3636$;
 - For the band 260 - 470 MHz, μ V/m at 3 meters = $41.6667 \times (\text{operating frequency, MHz}) - 7083.3333$.
- 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.

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	$2400/F(\text{kHz})$	300
0.490-1.705	$24000/F(\text{kHz})$	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	(dBμV/m at 3 m)	
	Peak	Average
Above 1000	74	54

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBμV/m)=20log Emission level (μV/m).

5.2 TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
(below 1 GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Receiver Parameter	Setting
Attenuation	Auto
Center Frequency	Fundamental Frequency
RBW	120 kHz
Detector	Peak / Average

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 1MHz for Peak, AV Mode with Dwell time

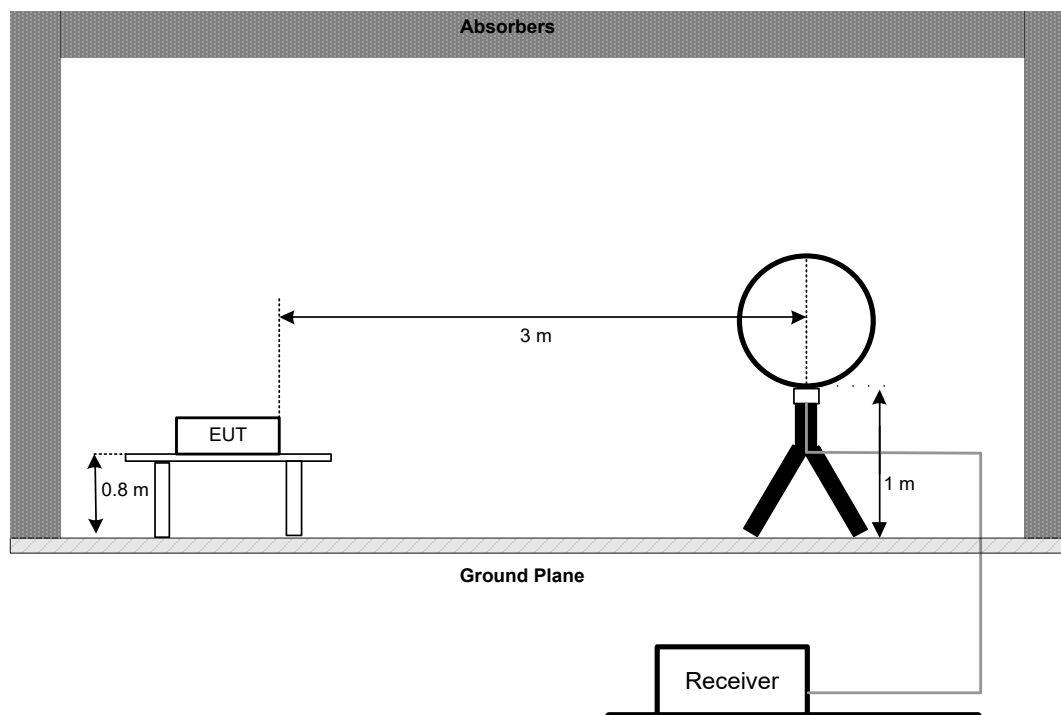
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~6 GHz for PK/AVG detector
Start ~ Stop Frequency	431.92 MHz~435.92 MHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

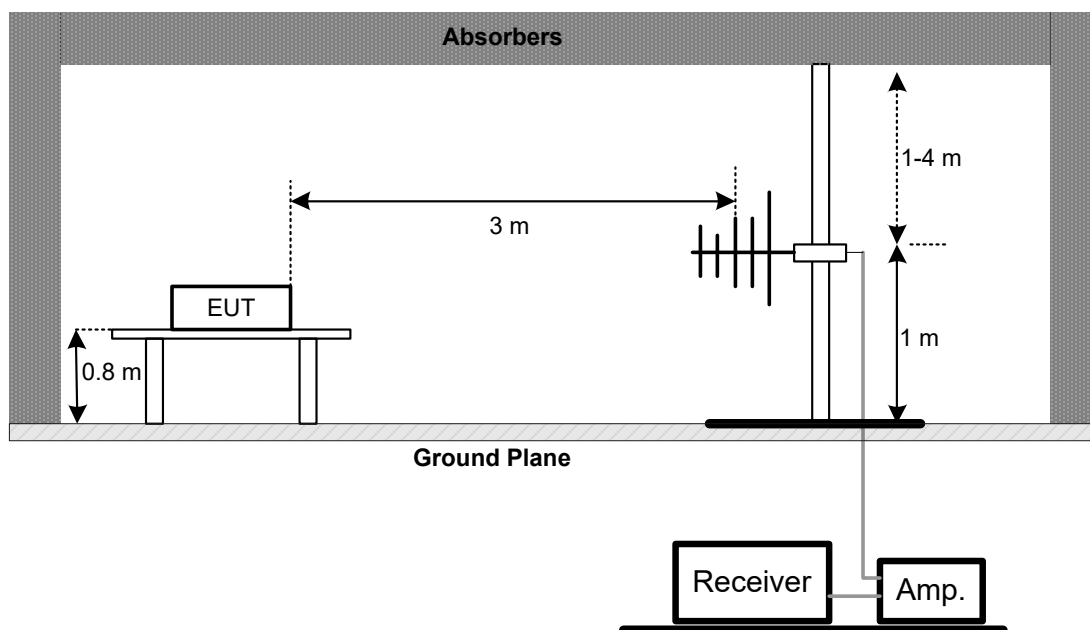
No deviation.

5.4 TEST SETUP

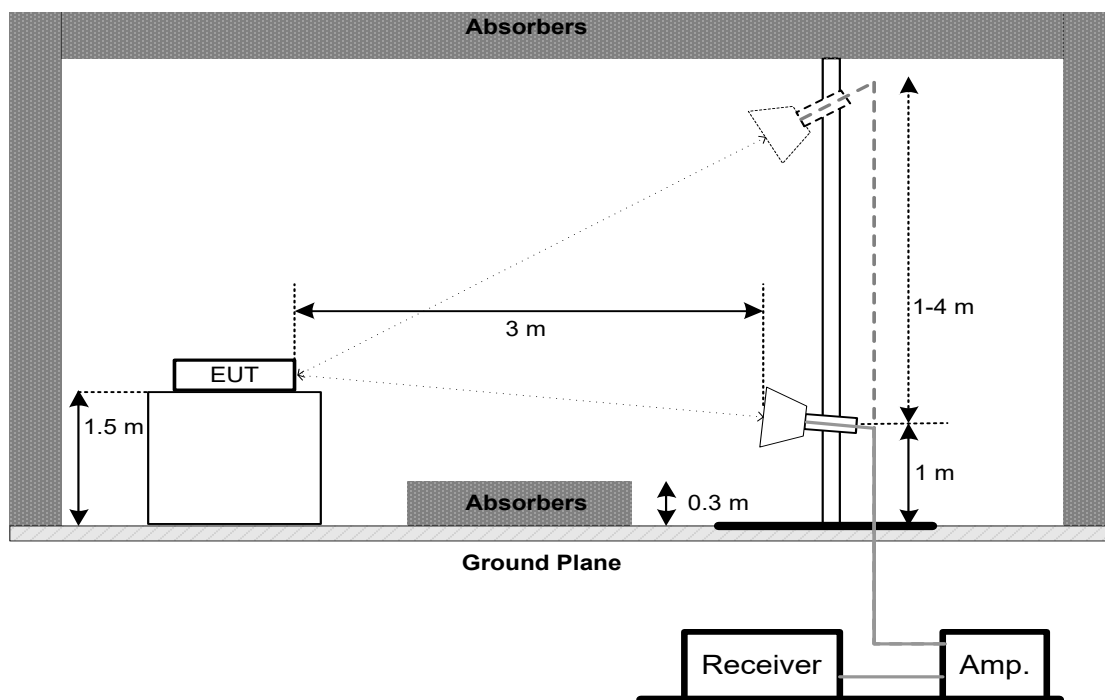
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

6. 20 DB SPECTRUM BANDWIDTH MEASUREMENT

6.1 LIMIT

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

6.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	> 20dB Bandwidth
RBW	10 kHz
VBW	30 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.

7. TIMING TESTING

7.1 LIMIT

- (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
- (2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.
- (3) Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions, including data, to determine system integrity of transmitters used in security or safety applications are allowed if the total duration of transmissions does not exceed more than two seconds per hour for each transmitter. There is no limit on the number of individual transmissions, provided the total transmission time does not exceed two seconds per hour.
- (4) Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition.
- (5) Transmission of set-up information for security systems may exceed the transmission duration limits in paragraphs (a)(1) and (a)(2) of this section, provided such transmissions are under the control of a professional installer and do not exceed ten seconds after a manually operated switch is released or a transmitter is activated automatically. Such set-up information may include data.

7.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	Zero Span
RBW	1 MHz
VBW	1 MHz
Detector	Peak
Trace	Max Hold
Sweep Time	10s

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. MEASUREMENT INSTRUMENTS LIST

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 01, 2026
2	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
3	Cable	RegalWay	LMR400-NMNM-6 m	N/A	Apr. 26, 2026
4	Cable	RegalWay	LMR400-NMRANM -3.5m	N/A	Apr. 26, 2026
5	966 Chamber room	CM	9*6*6	N/A	May 09, 2026

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01381	Sep. 26, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Sep. 26, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980863	May 28, 2026
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-2500	N/A	Jun. 12, 2026
5	Cable	RegalWay	LMR400-NMNM-7 m	N/A	Jun. 12, 2026
6	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 12, 2026
7	Positioning Controller	MF	MF-7802	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	MXE EMI Receiver	KEYSIGHT	N9038B	MY62210123	Oct. 29, 2025
10	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	May 18, 2026
11	Filter	STI	STI15-9923	N/A	Dec. 06, 2025
12	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Positioning Controller	MF	MF-7802	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Oct. 29, 2025
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Jun. 12, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Jun. 12, 2026
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 000	N/A	Jun. 12, 2026
7	966 Chamber room	Tai He	9*6*6 (NSA&VSWR)	N/A	May 18, 2026
8	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 15, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
10	Filter	STI	STI15-9923	N/A	Dec. 06, 2025

20 dB Spectrum Bandwidth & Timing Testing					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP38	100852	May 27, 2026
2	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

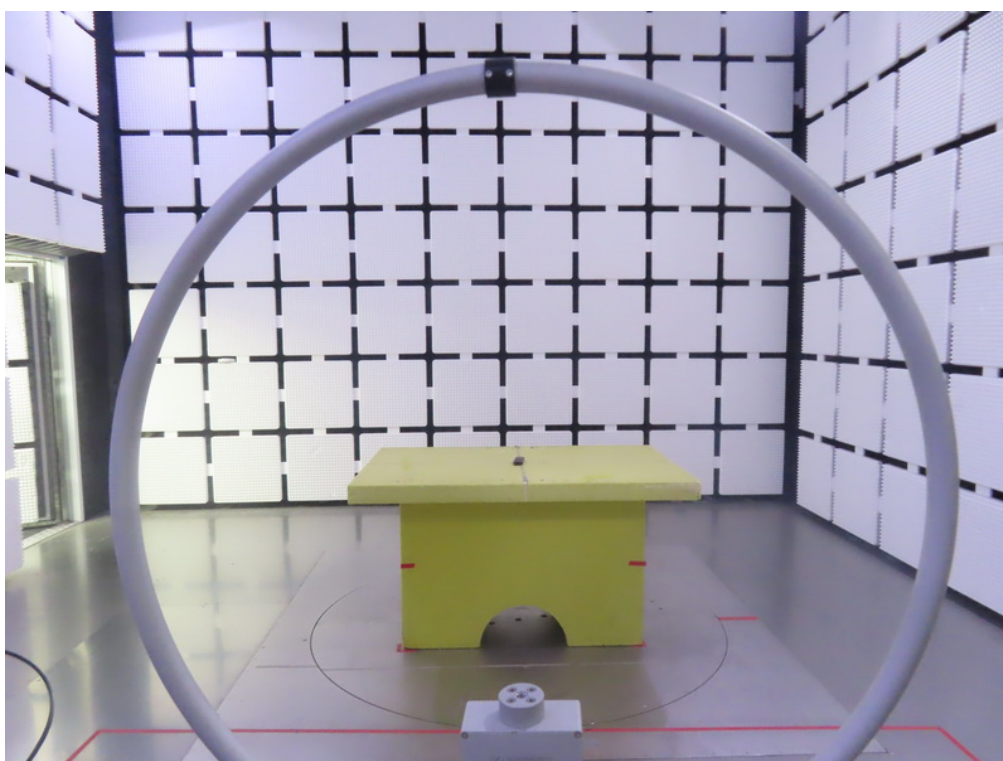
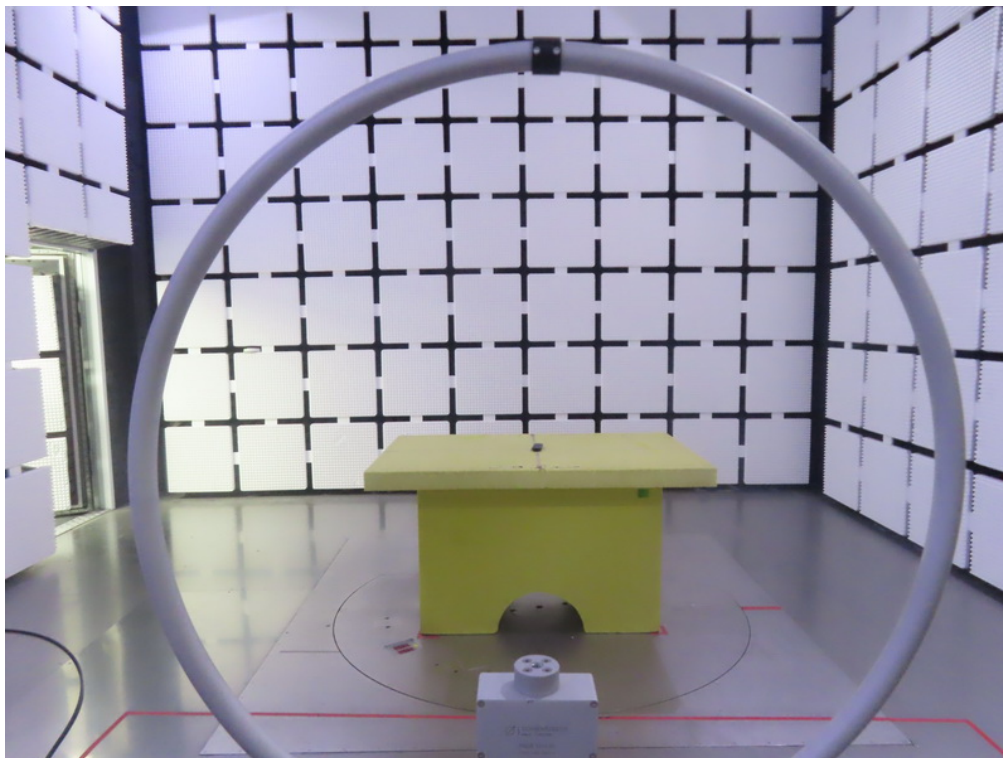
Remark "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

9. EUT TEST PHOTO

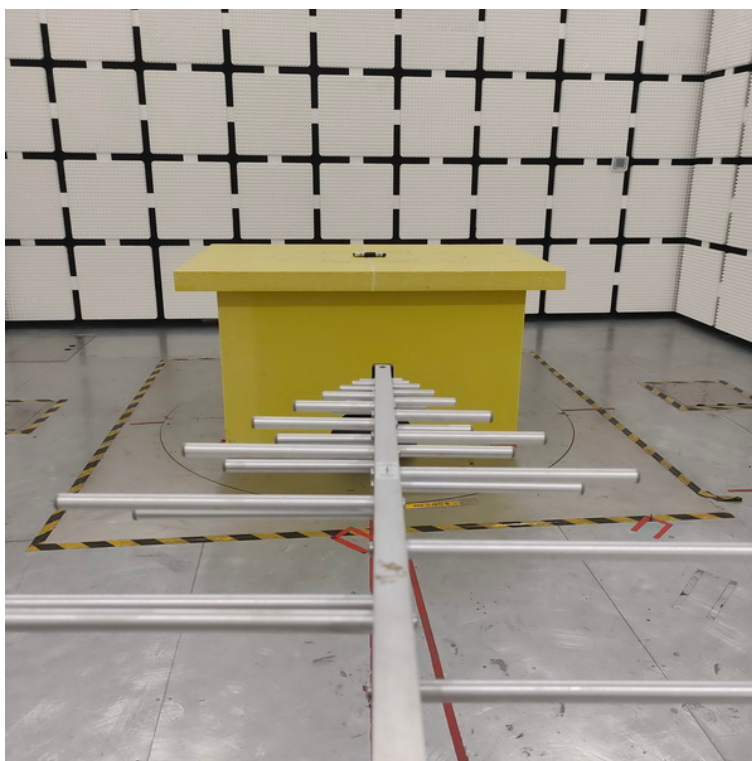
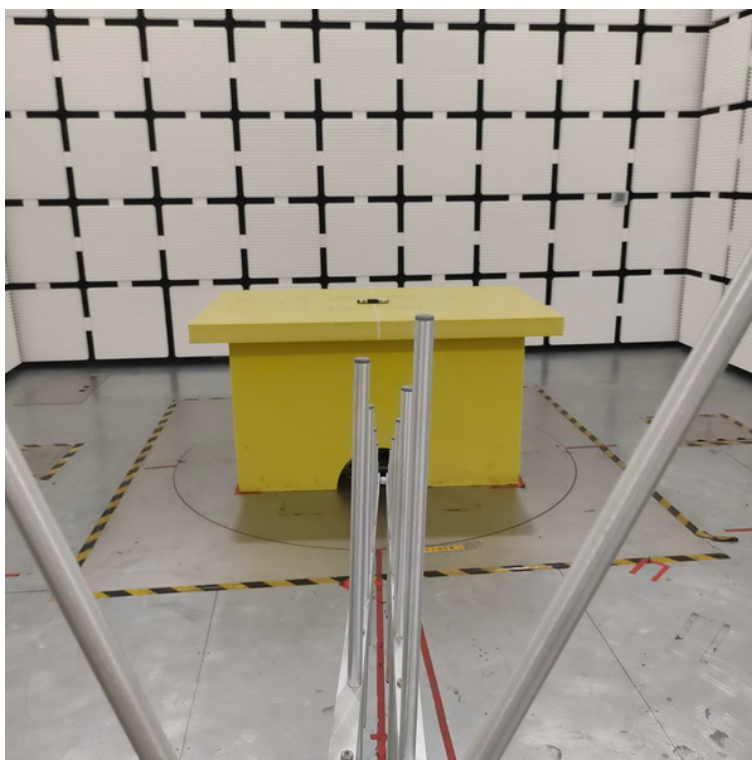
Radiated Emissions Test Photos

9 kHz to 30 MHz



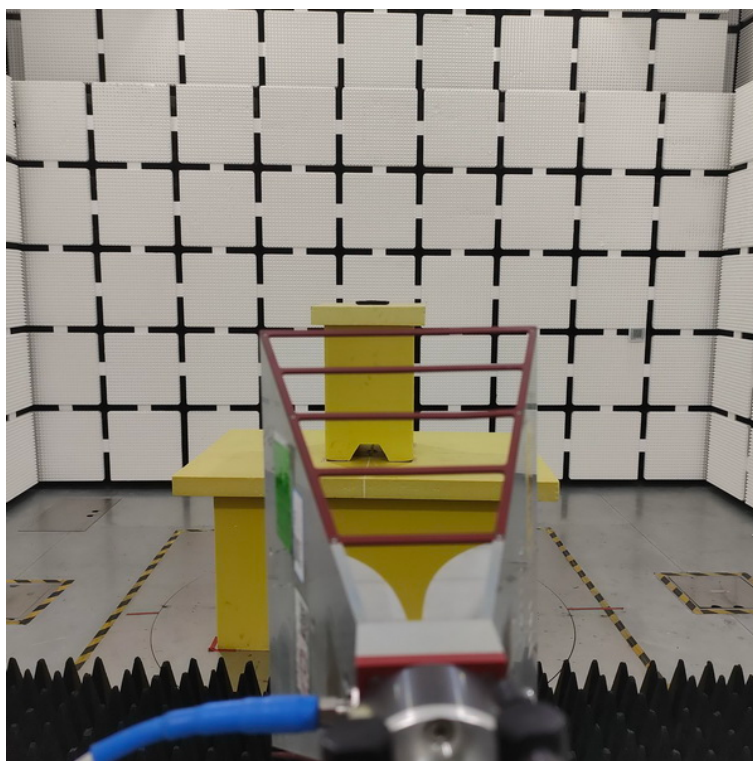
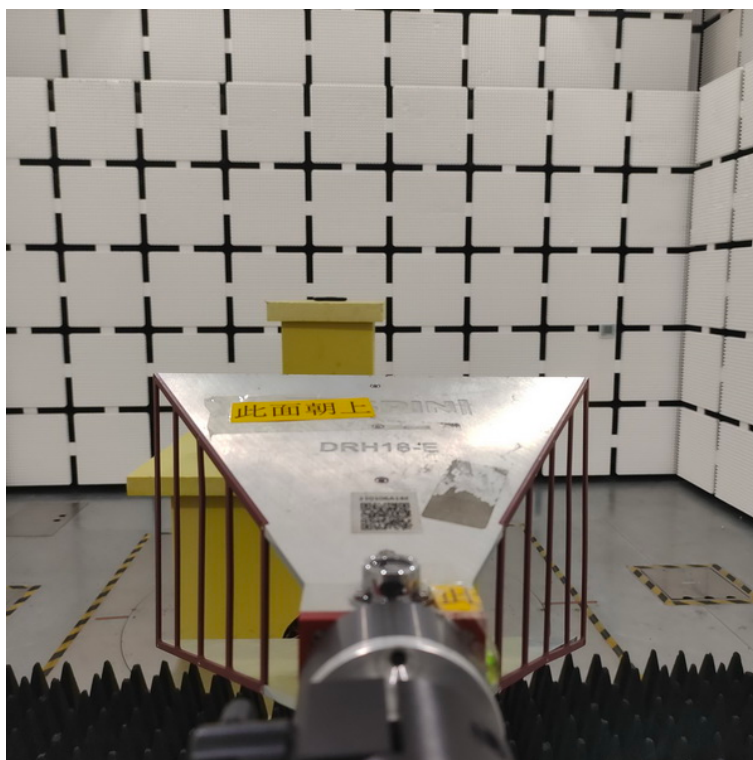
Radiated Emissions Test Photos

30 MHz to 1 GHz



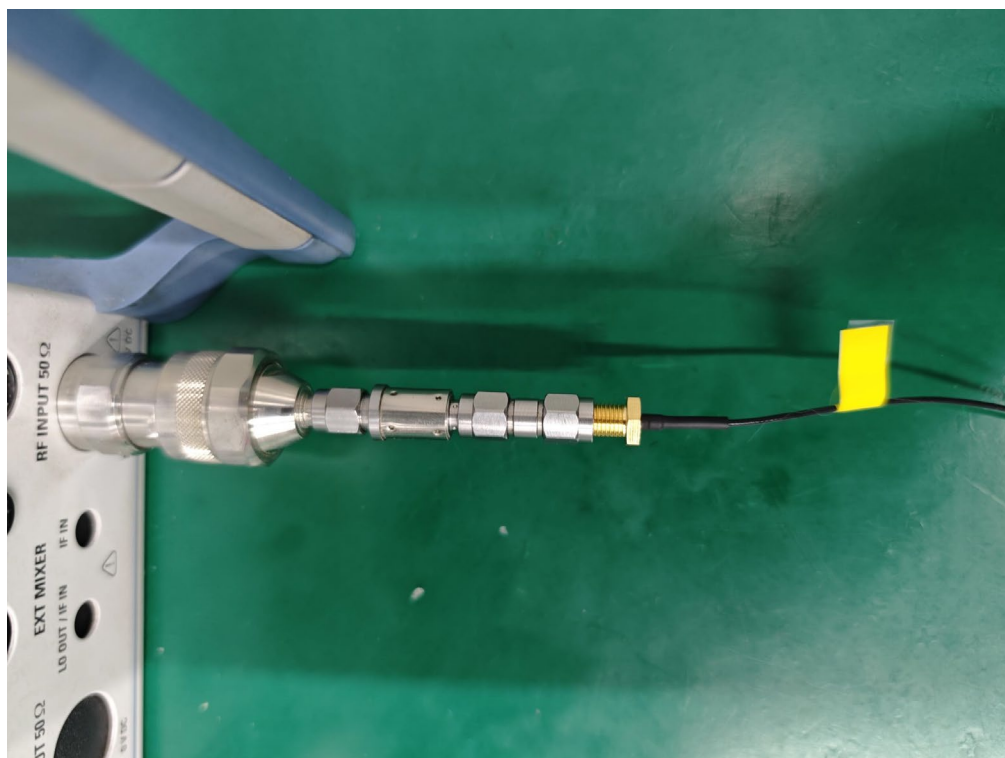
Radiated Emissions Test Photos

Above 1 GHz





Conducted Test Photos



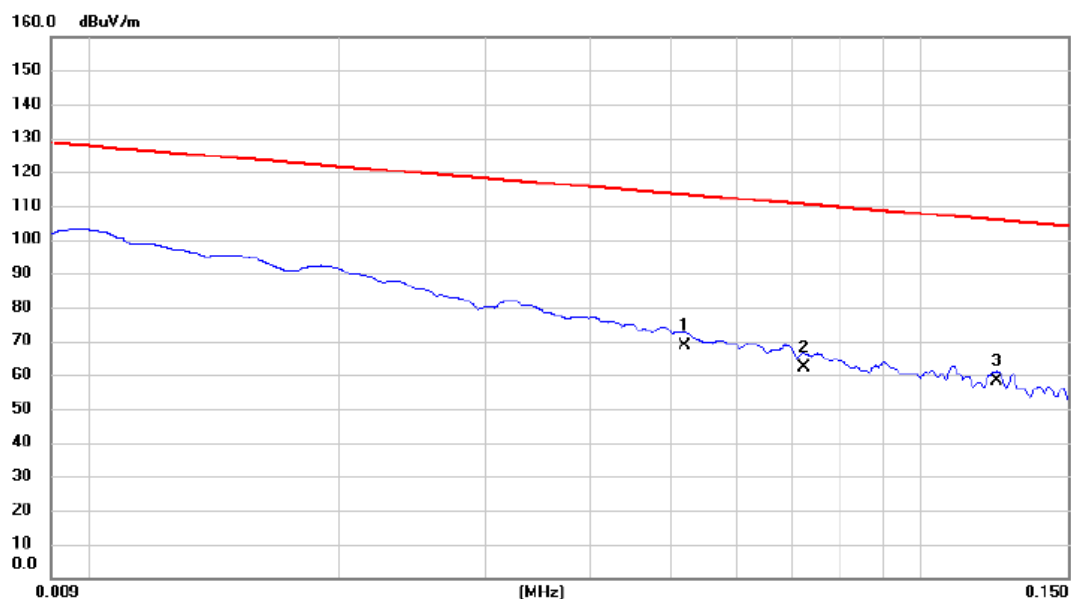
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode: N/A

Note: "N/A" denotes test is not applicable to this device.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX Mode_431MHz	Polarization	Ant 0°
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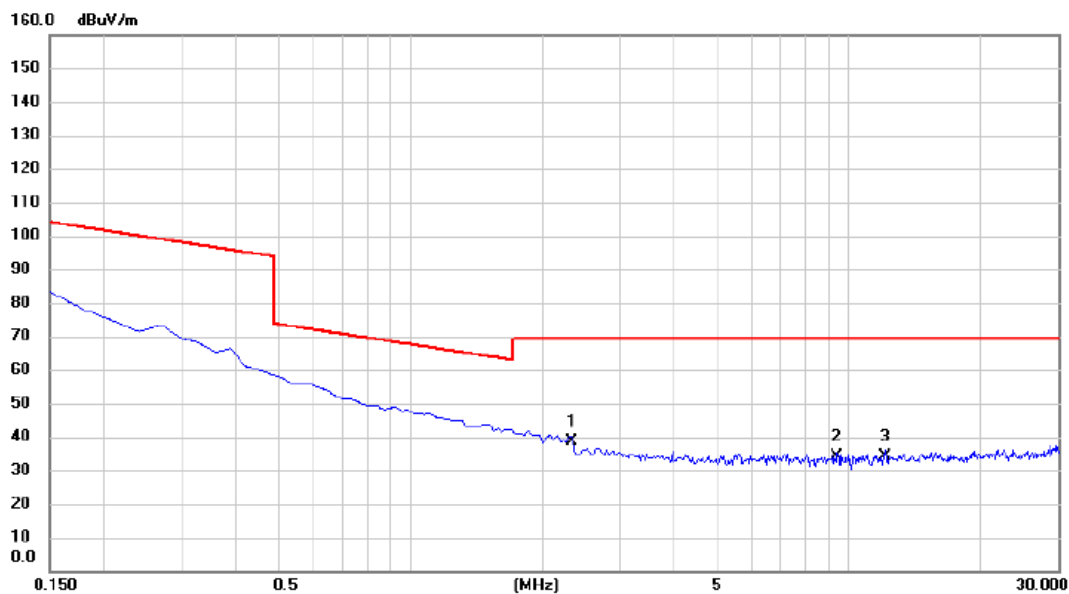
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.052	48.65	20.14	68.79	113.28	-44.49	AVG	
2		0.072	42.18	20.14	62.32	110.42	-48.10	AVG	
3		0.123	38.20	20.09	58.29	105.81	-47.52	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_431MHz	Polarization	Ant 0°
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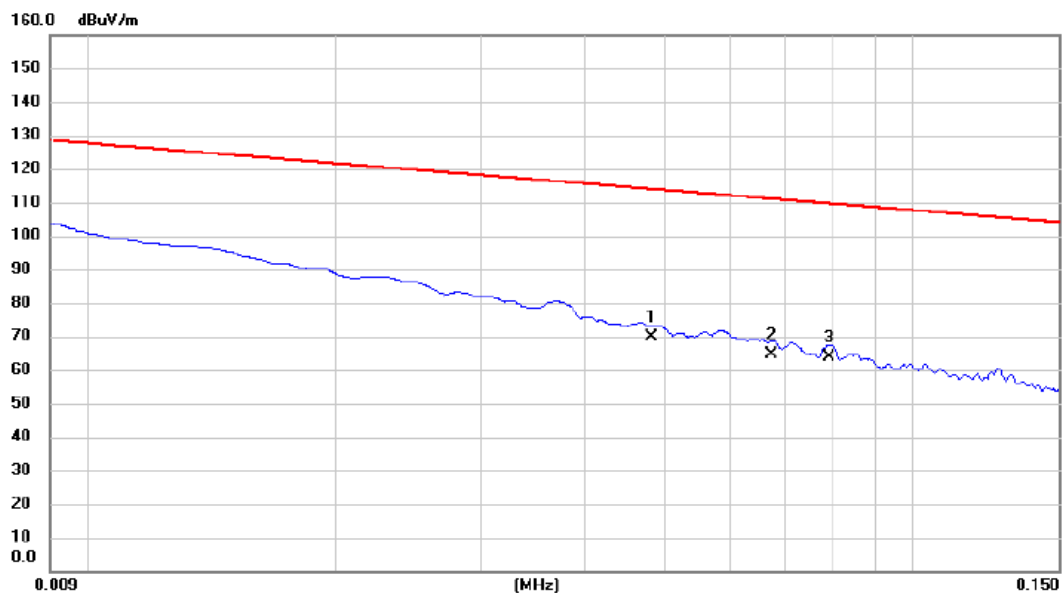


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2.329	18.52	20.03	38.55	69.54	-30.99	QP	
2		9.403	13.67	20.44	34.11	69.54	-35.43	QP	
3		12.060	13.64	20.40	34.04	69.54	-35.50	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_431MHz	Polarization	Ant 90°
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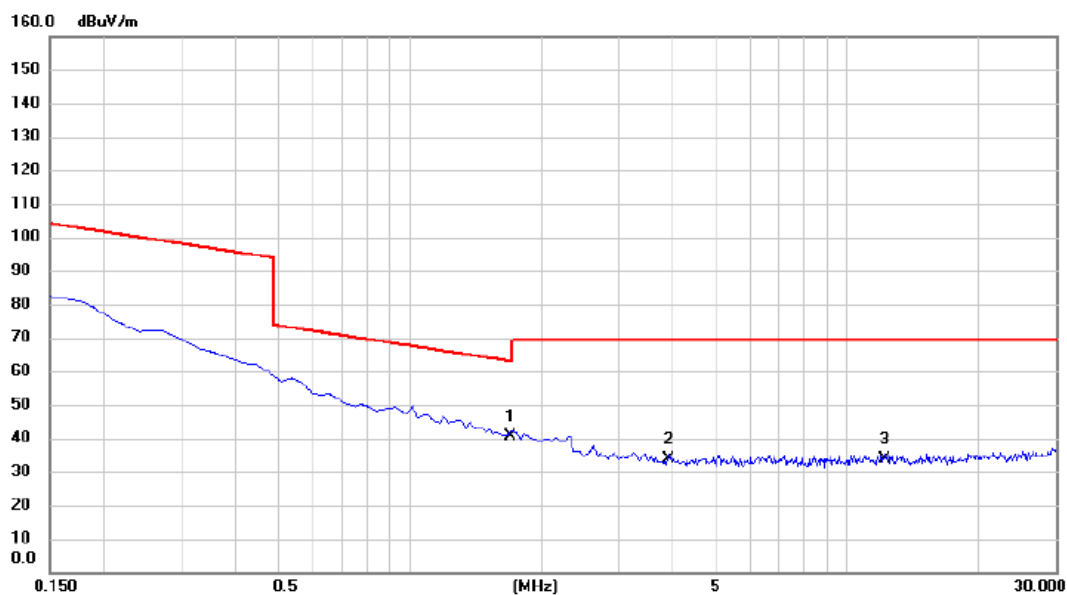


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.048	49.52	20.14	69.66	113.93	-44.27	AVG	
2		0.067	44.56	20.14	64.70	111.03	-46.33	AVG	
3		0.079	43.69	20.14	63.83	109.63	-45.80	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_431MHz	Polarization	Ant 90°
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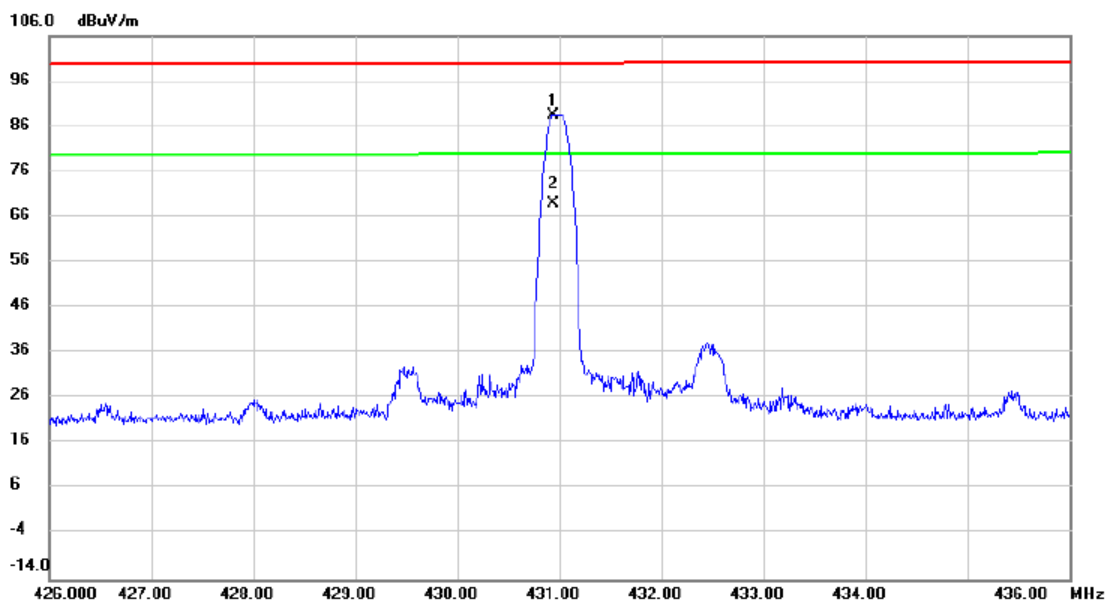
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1.702	20.63	20.01	40.64	62.98	-22.34	QP	
2		3.911	13.57	20.12	33.69	69.54	-35.85	QP	
3		12.150	13.44	20.40	33.84	69.54	-35.70	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX Mode_431MHz	Polarization	Vertical
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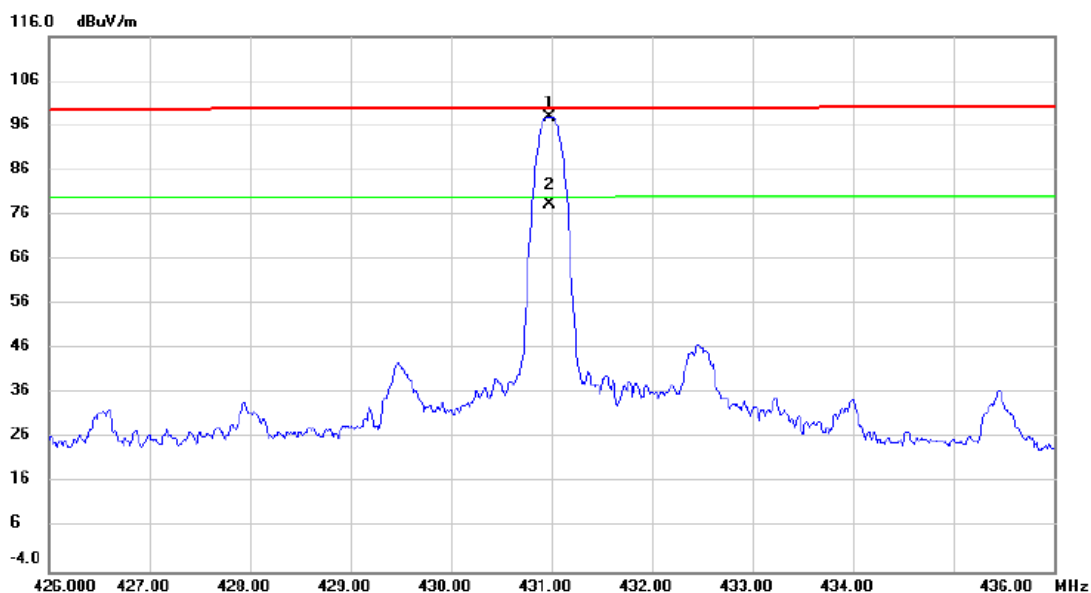


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		430.940	99.17	-10.69	88.48	99.97	-11.49	peak	
2	*	430.940	79.75	-10.69	69.06	79.97	-10.91	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_431MHz	Polarization	Horizontal
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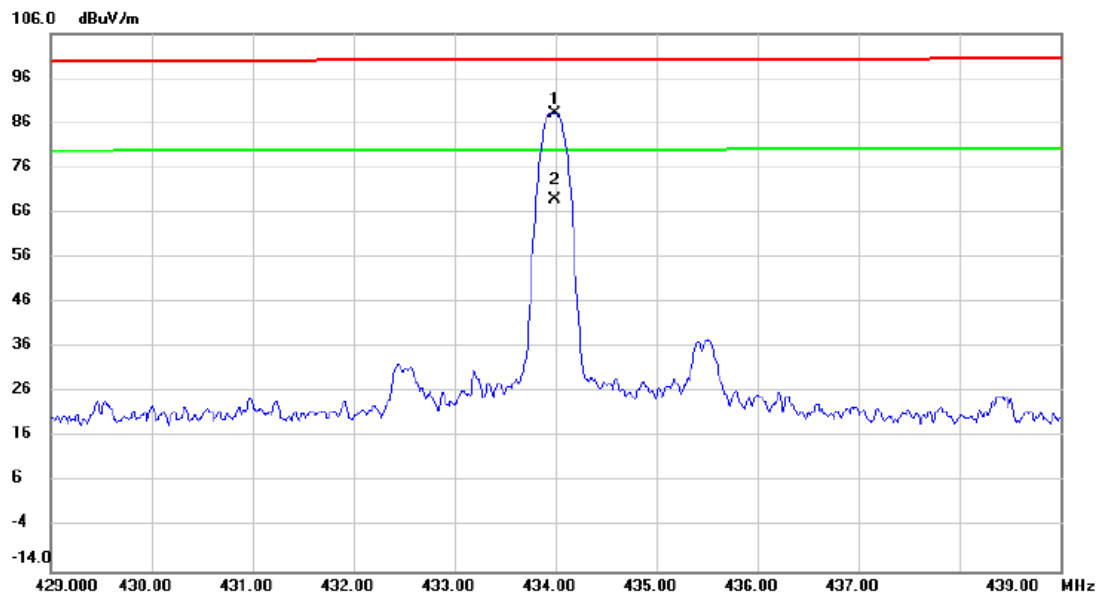


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		430.980	108.53	-10.69	97.84	99.97	-2.13	peak	
2	*	430.980	89.11	-10.69	78.42	79.97	-1.55	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_434MHz	Polarization	Vertical
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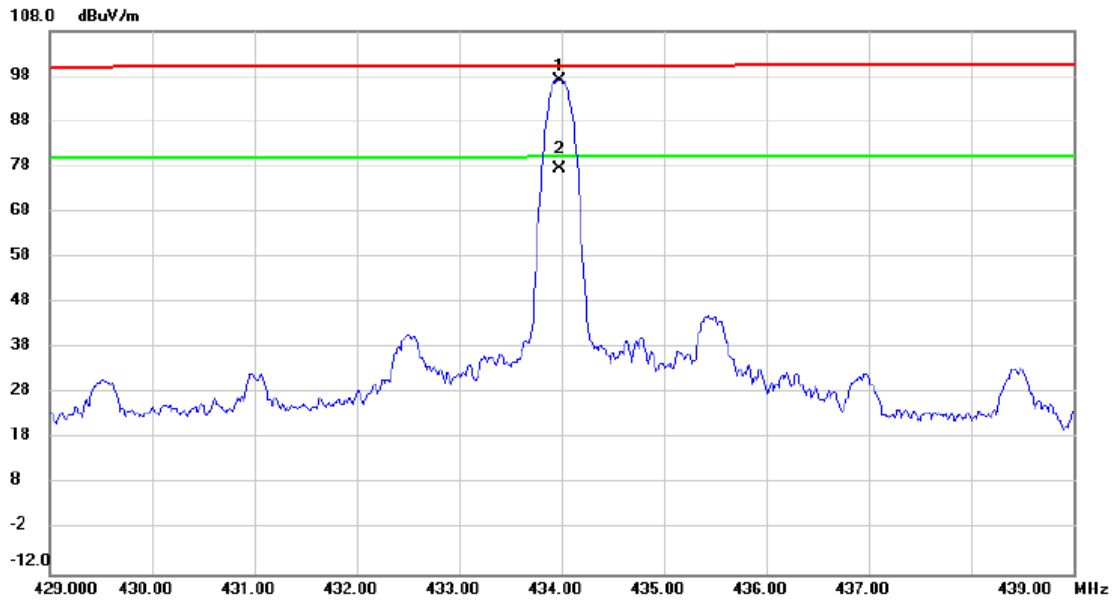


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		433.990	98.84	-10.60	88.24	100.12	-11.88	peak	
2	*	433.990	79.42	-10.60	68.82	80.12	-11.30	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_434MHz	Polarization	Horizontal
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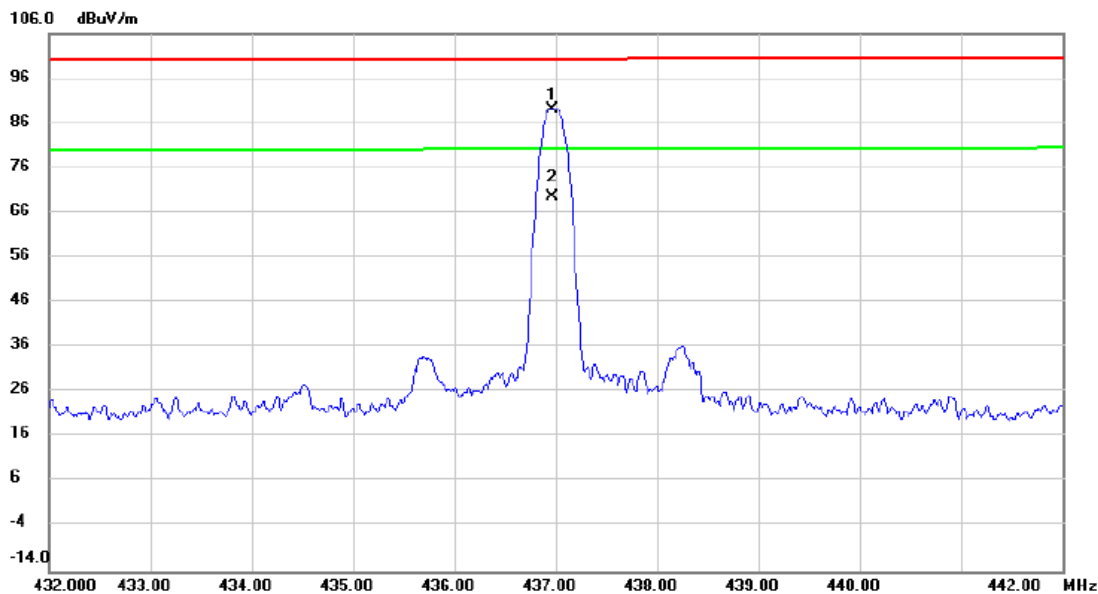


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		433.980	107.59	-10.60	96.99	100.12	-3.13	peak	
2	*	433.980	88.17	-10.60	77.57	80.12	-2.55	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_437MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		436.970	99.61	-10.50	89.11	100.26	-11.15	peak	
2	*	436.970	80.19	-10.50	69.69	80.26	-10.57	AVG	

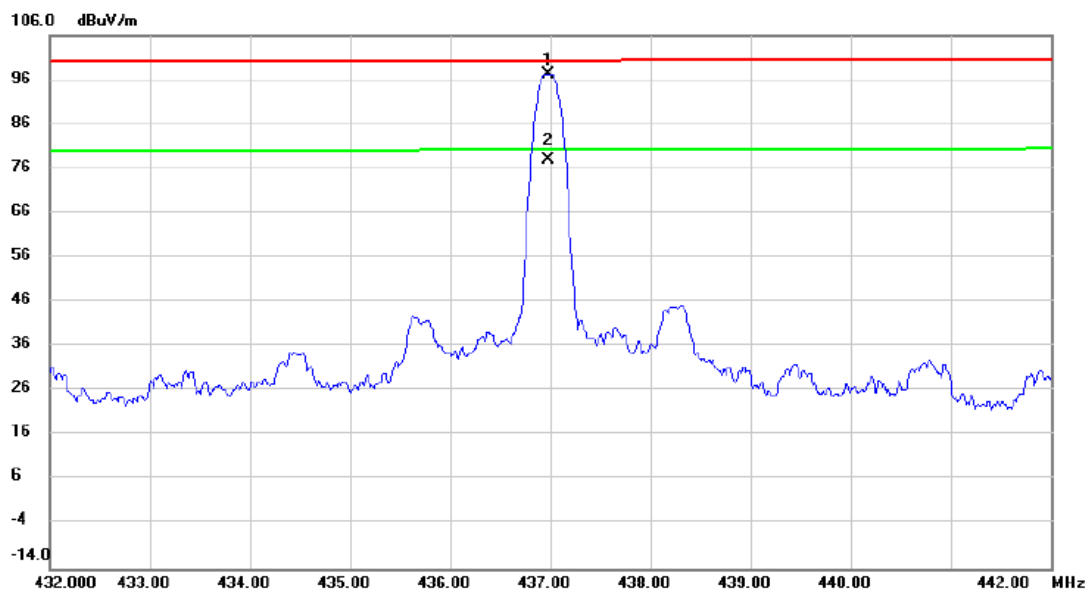
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

(3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_437MHz	Polarization	Horizontal
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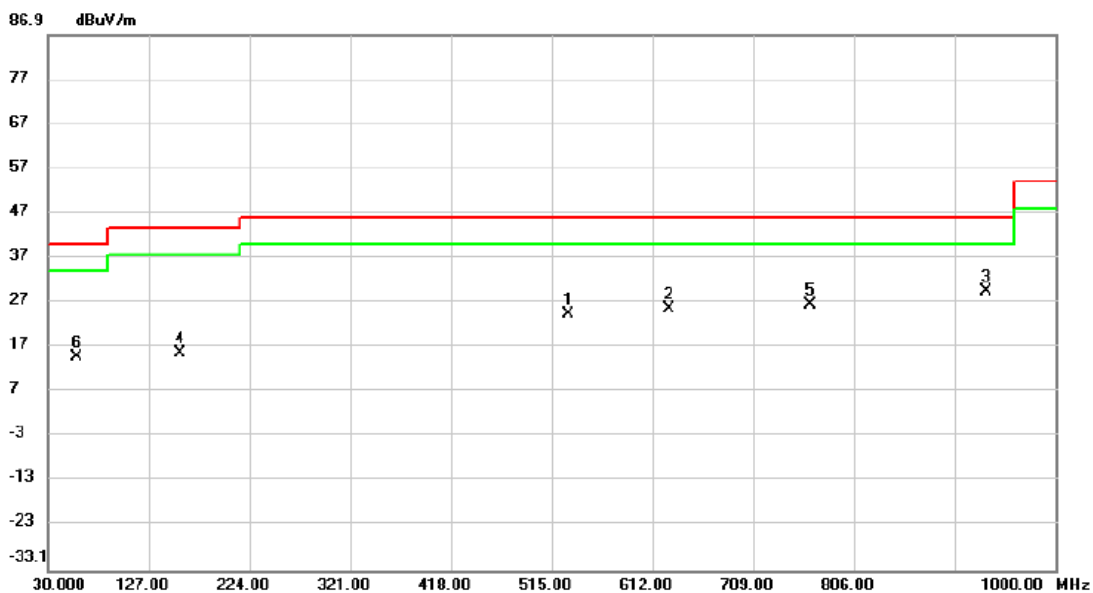


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		436.980	107.74	-10.50	97.24	100.26	-3.02	peak	
2	*	436.980	88.32	-10.50	77.82	80.26	-2.44	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.

Test Mode	TX Mode_431MHz	Polarization	Vertical
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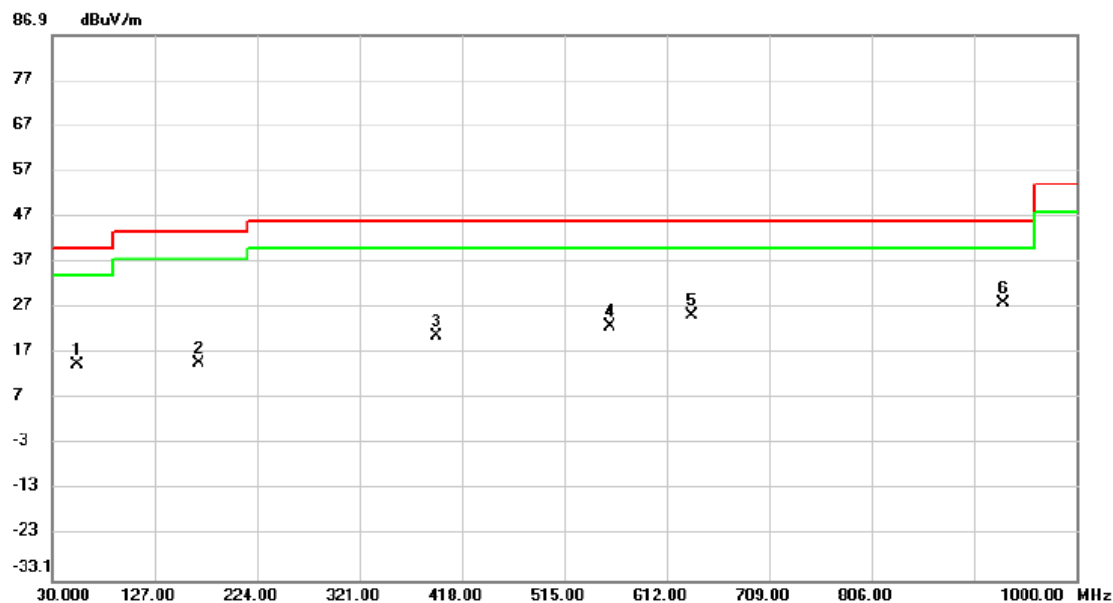


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		531.490	32.76	-8.53	24.23	46.02	-21.79	peak	
2		627.520	31.63	-6.18	25.45	46.02	-20.57	peak	
3	*	933.070	30.81	-1.49	29.32	46.02	-16.70	peak	
4		157.070	30.34	-14.80	15.54	43.52	-27.98	peak	
5		764.290	30.06	-3.51	26.55	46.02	-19.47	peak	
6		58.130	29.81	-15.20	14.61	40.00	-25.39	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_431MHz	Polarization	Horizontal
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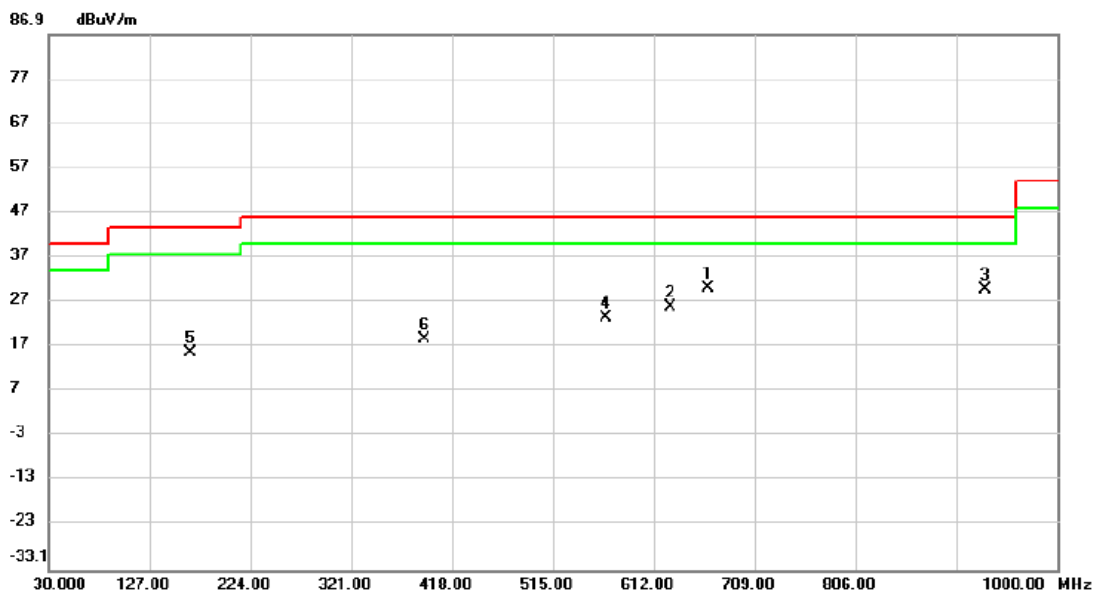
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		53.280	29.36	-14.81	14.55	40.00	-25.45	peak	
2		168.710	29.86	-15.21	14.65	43.52	-28.87	peak	
3		393.750	32.54	-11.80	20.74	46.02	-25.28	peak	
4		558.650	30.67	-7.87	22.80	46.02	-23.22	peak	
5		636.250	31.20	-6.07	25.13	46.02	-20.89	peak	
6	*	930.160	29.65	-1.55	28.10	46.02	-17.92	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_434MHz	Polarization	Vertical
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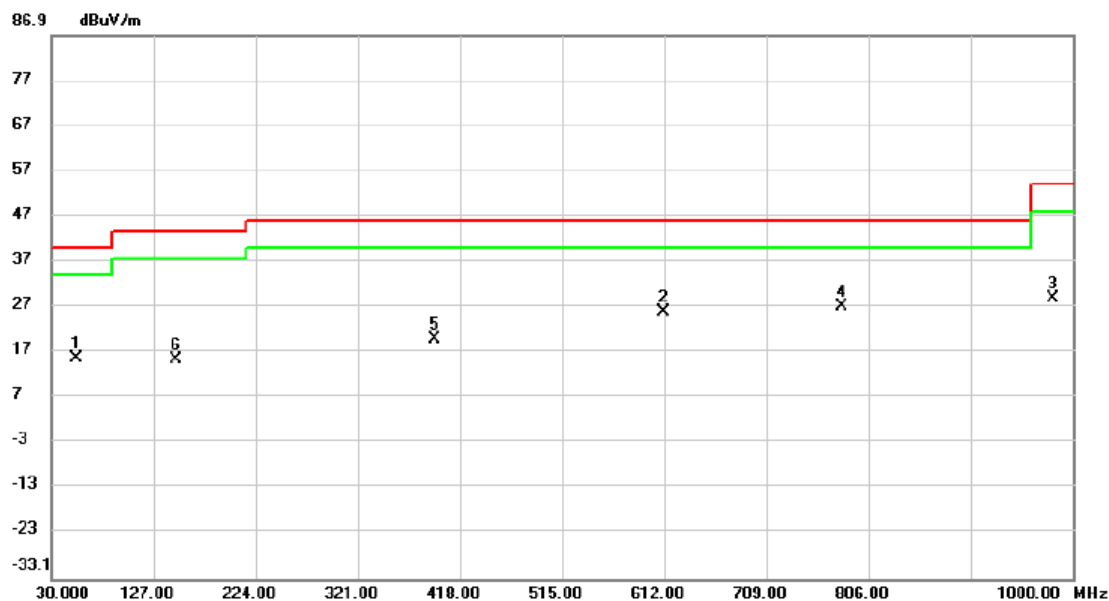


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	664.380	35.74	-5.62	30.12	46.02	-15.90	peak	
2		627.520	31.91	-6.18	25.73	46.02	-20.29	peak	
3		930.160	31.17	-1.55	29.62	46.02	-16.40	peak	
4		566.410	31.08	-7.60	23.48	46.02	-22.54	peak	
5		165.800	30.80	-15.07	15.73	43.52	-27.79	peak	
6		390.840	30.38	-11.85	18.53	46.02	-27.49	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_434MHz	Polarization	Horizontal
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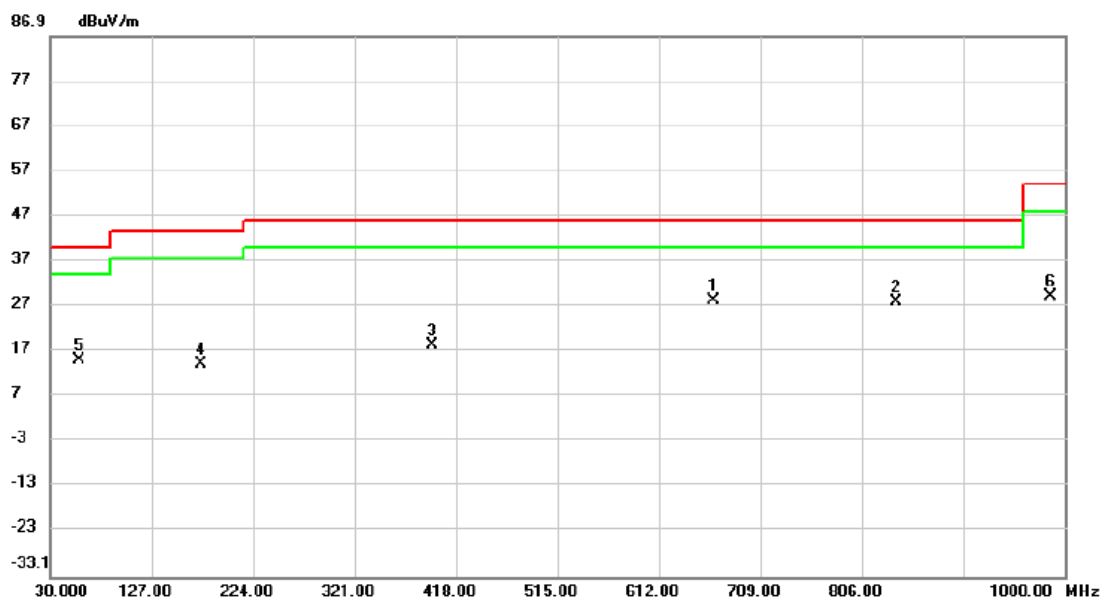
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		53.280	30.36	-14.81	15.55	40.00	-24.45	peak	
2		611.030	32.36	-6.36	26.00	46.02	-20.02	peak	
3		980.600	29.68	-0.78	28.90	53.97	-25.07	peak	
4	*	780.780	30.42	-3.26	27.16	46.02	-18.86	peak	
5		393.750	31.54	-11.80	19.74	46.02	-26.28	peak	
6		148.340	30.33	-14.87	15.46	43.52	-28.06	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_437MHz	Polarization	Vertical
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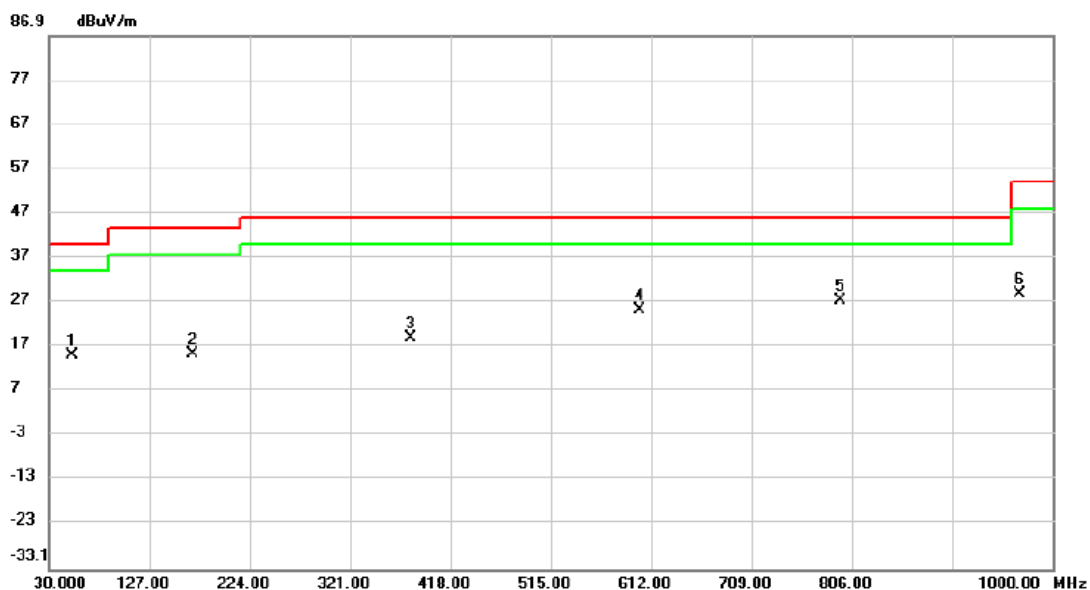


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	664.380	33.76	-5.62	28.14	46.02	-17.88	peak	
2		838.980	30.61	-2.68	27.93	46.02	-18.09	peak	
3		394.720	30.09	-11.78	18.31	46.02	-27.71	peak	
4		174.530	29.92	-15.80	14.12	43.52	-29.40	peak	
5		58.130	30.38	-15.20	15.18	40.00	-24.82	peak	
6		986.420	29.82	-0.71	29.11	53.97	-24.86	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_437MHz	Polarization	Horizontal
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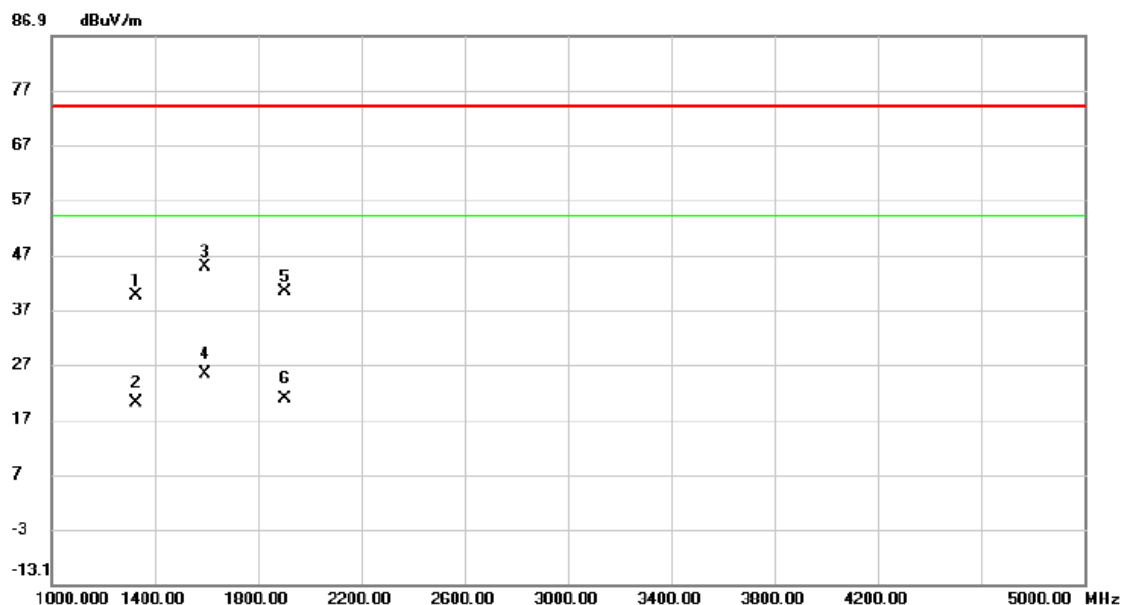
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		52.310	29.85	-14.77	15.08	40.00	-24.92	peak	
2		168.710	30.65	-15.21	15.44	43.52	-28.08	peak	
3		380.170	30.96	-12.10	18.86	46.02	-27.16	peak	
4		601.330	31.64	-6.48	25.16	46.02	-20.86	peak	
5	*	794.360	30.42	-3.07	27.35	46.02	-18.67	peak	
6		967.990	29.86	-0.91	28.95	53.97	-25.02	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Test Mode	TX Mode_431MHz	Polarization	Vertical
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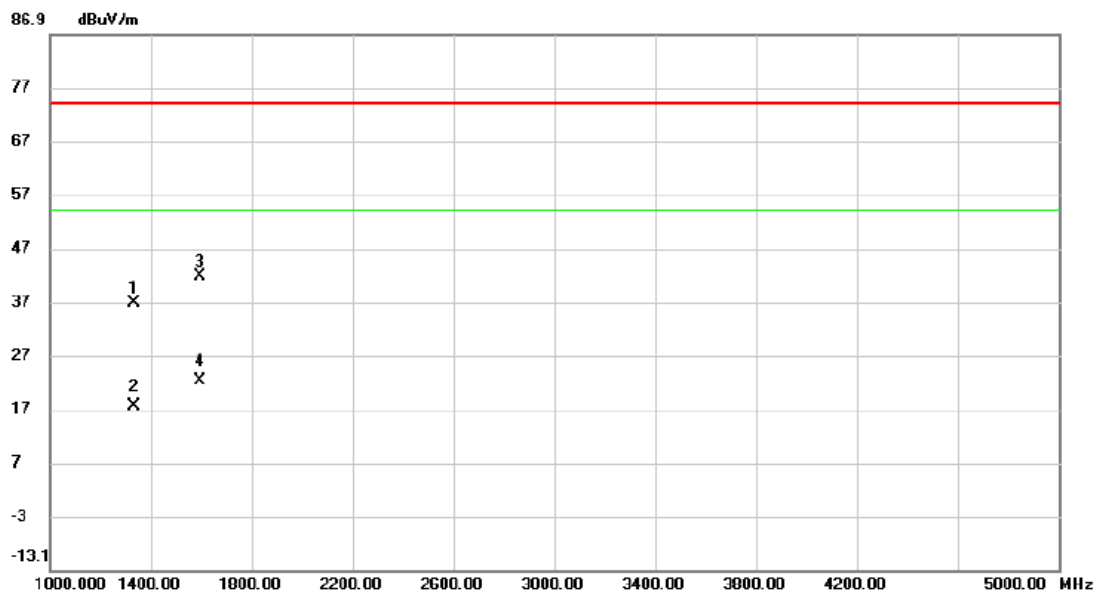
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1328.000	44.84	-5.34	39.50	74.00	-34.50	peak	
2	1328.000	25.42	-5.34	20.08	54.00	-33.92	AVG	
3	1596.000	49.33	-4.67	44.66	74.00	-29.34	peak	
4 *	1596.000	29.91	-4.67	25.24	54.00	-28.76	AVG	
5	1904.000	43.54	-3.24	40.30	74.00	-33.70	peak	
6	1904.000	24.12	-3.24	20.88	54.00	-33.12	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_431MHz	Polarization	Horizontal
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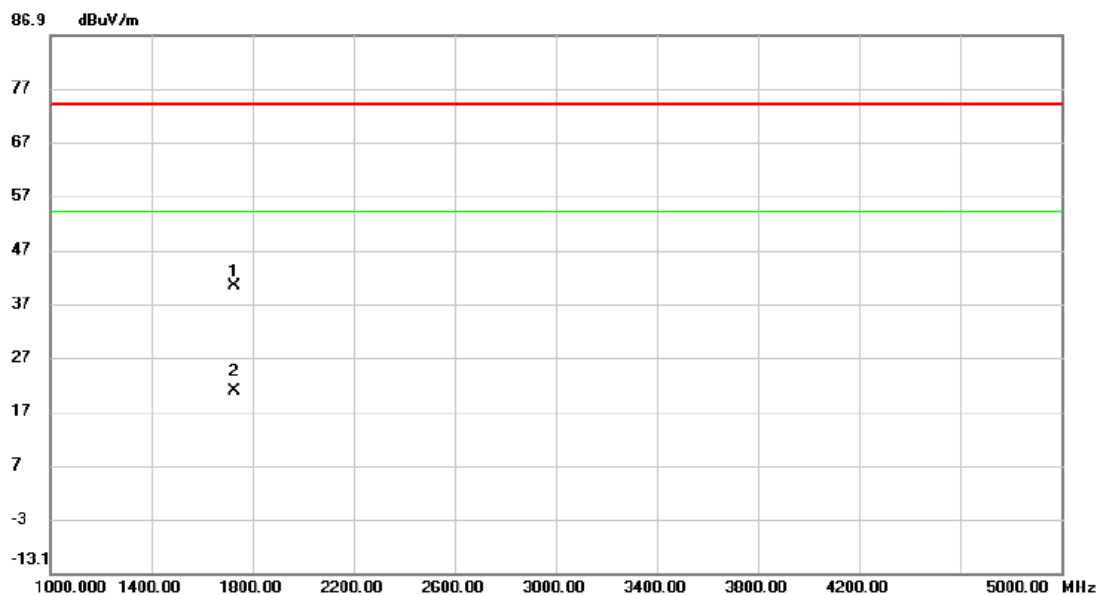


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1332.000	42.21	-5.33	36.88	74.00	-37.12	peak	
2		1332.000	22.79	-5.33	17.46	54.00	-36.54	AVG	
3		1592.000	46.42	-4.68	41.74	74.00	-32.26	peak	
4 *		1592.000	27.00	-4.68	22.32	54.00	-31.68	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_434MHz	Polarization	Vertical
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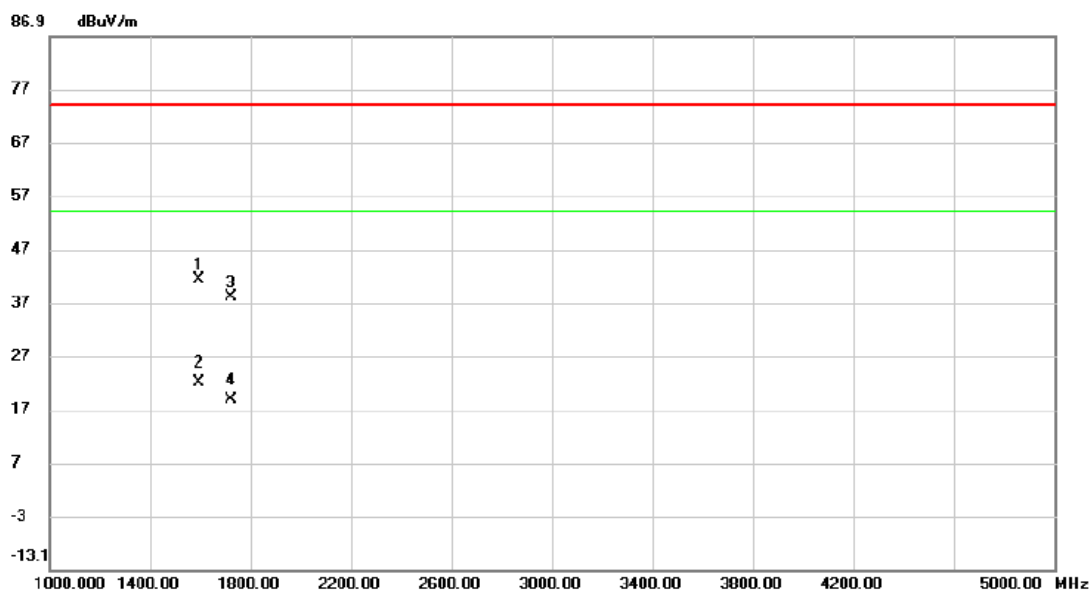


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1728.000	44.29	-4.06	40.23	74.00	-33.77	peak	
2	*	1728.000	24.87	-4.06	20.81	54.00	-33.19	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_434MHz	Polarization	Horizontal
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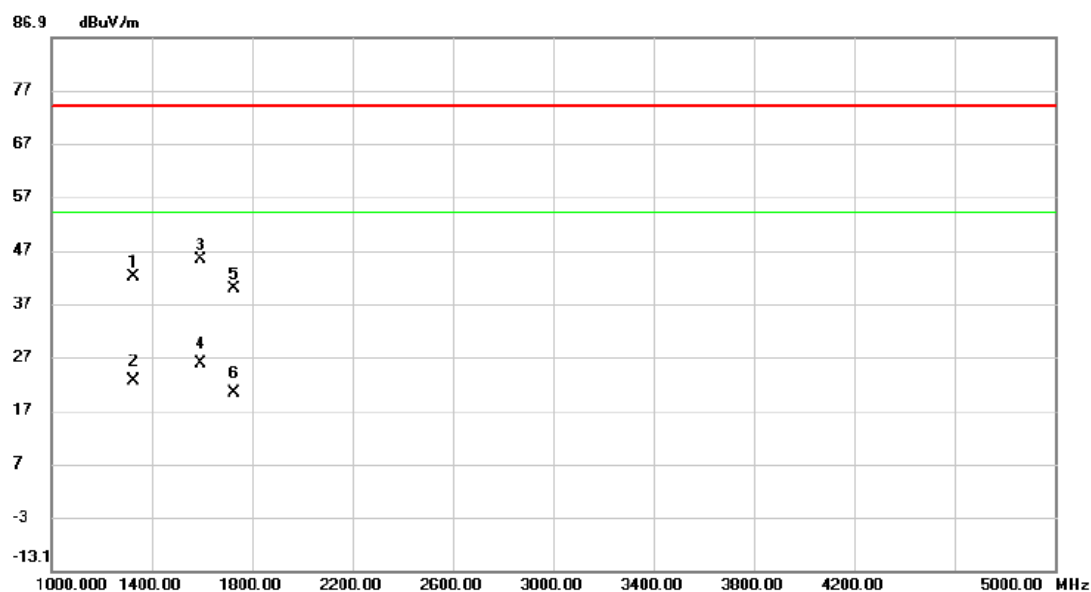
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1592.000	46.06	-4.68	41.38	74.00	-32.62	peak	
2	*	1592.000	26.64	-4.68	21.96	54.00	-32.04	AVG	
3		1724.000	42.17	-4.08	38.09	74.00	-35.91	peak	
4		1724.000	22.75	-4.08	18.67	54.00	-35.33	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_437MHz	Polarization	Vertical
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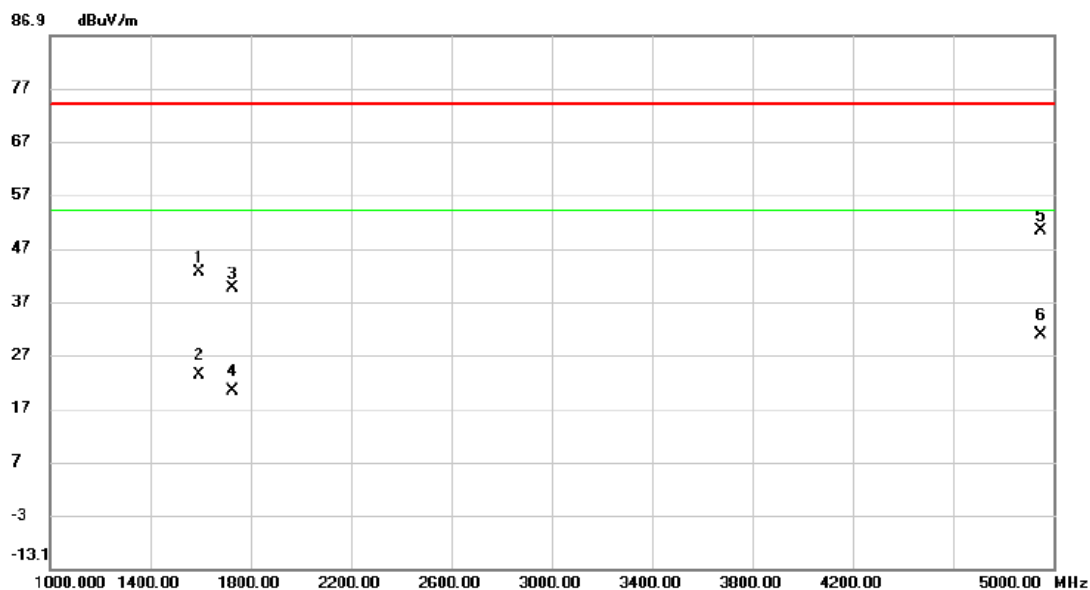
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1328.000	47.32	-5.34	41.98	74.00	-32.02	peak	
2		1328.000	27.90	-5.34	22.56	54.00	-31.44	AVG	
3		1596.000	49.98	-4.67	45.31	74.00	-28.69	peak	
4	*	1596.000	30.56	-4.67	25.89	54.00	-28.11	AVG	
5		1728.000	43.81	-4.06	39.75	74.00	-34.25	peak	
6		1728.000	24.39	-4.06	20.33	54.00	-33.67	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode_437MHz	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1592.000	47.26	-4.68	42.58	74.00	-31.42	peak	
2		1592.000	27.84	-4.68	23.16	54.00	-30.84	AVG	
3		1728.000	43.71	-4.06	39.65	74.00	-34.35	peak	
4		1728.000	24.29	-4.06	20.23	54.00	-33.77	AVG	
5		4948.000	44.53	5.70	50.23	74.00	-23.77	peak	
6 *		4948.000	25.11	5.70	30.81	54.00	-23.19	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

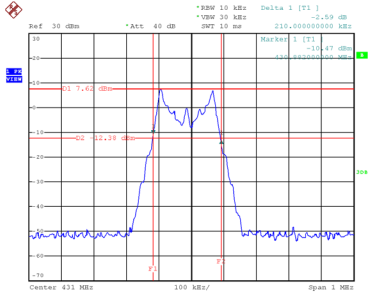
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - 20 DB SPECTRUM BANDWIDTH

Test Mode	TX Mode
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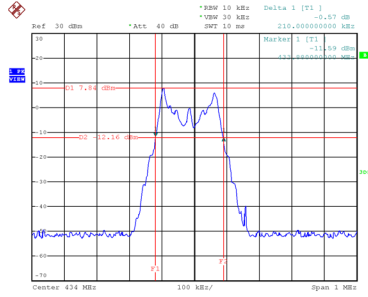
Test Channel	Test Frequency (MHz)	20 dB Bandwidth (MHz)	Limit (MHz)	Result
01	431	0.210	1.0848	PASS
02	434	0.210	1.0848	PASS
03	437	0.210	1.0848	PASS

CH01



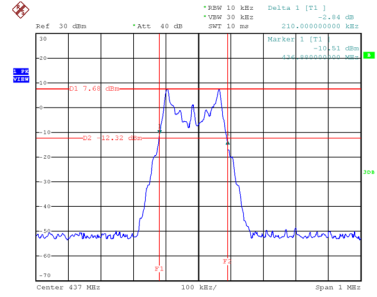
Date: 2.SEP.2025 17:36:45

CH02



Date: 2.SEP.2025 17:39:25

CH03

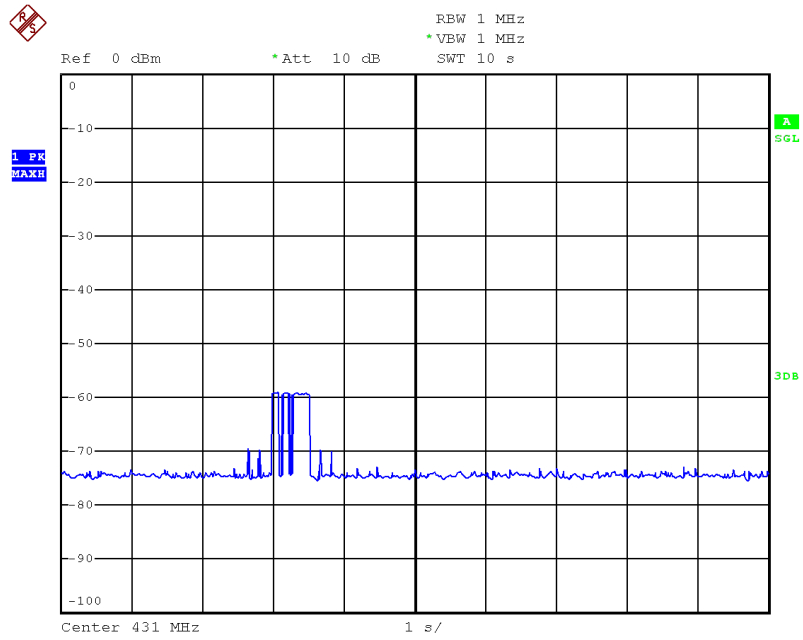


Date: 2.SEP.2025 17:35:12

APPENDIX F - TIMING TESTING

Test Mode	TX Mode
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Frequency (MHz)	On Time (Sec)	Limit (Sec)
431	N/A	≤5



Date: 20.OCT.2025 10:42:17

End of Test Report