



FCC Radio Test Report

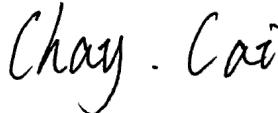
FCC ID: RWO-RZ090581

This report concerns: Class II Permissive Change

Project No. : 2512C098A
Equipment : Notebook PC
Brand Name : RAZER
Model Name : RZ09-0581
Applicant : Razer Inc.
Address : 9 Pasteur, Irvine, CA92618, USA.
Manufacturer : Razer Inc.
Address : 9 Pasteur, Irvine, CA92618, USA.
Date of Receipt : Dec. 08, 2025
Date of Test : Dec. 08, 2025 ~ Dec. 29, 2025
Issued Date : Jan. 29, 2026
Test Sample : Sample No.: DG925251208453
Standard(s) : FCC CFR Title 47, Part 15, Subpart E

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

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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-5-2512C098A	R00	Original Report.	Jan. 29, 2026	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

The following reference test guidance is not within the scope of accreditation of A2LA:

KDB 291074 D02 EMC Measurement v01

KDB 662911 D01 Multiple Transmitter Output v02r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.407(e)	Bandwidth	-----	PASS	NOTE (5)
15.407(a)	Maximum e.i.r.p.	-----	PASS	NOTE (5)
15.407(a)	Power Spectral Density (e.i.r.p.)	-----	PASS	NOTE (5)
15.407(g)	Frequency Stability	-----	PASS	NOTE (5)
15.203	Antenna Requirements	-----	PASS	NOTE (2)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE (3)

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.
- (3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
- (4) Device Type:
 - ☐ Indoor access point
 - ☐ Subordinate device (operating under the control of an indoor access point)
 - ☒ Client device (operating under the control of an indoor access point)
- (5) The antenna gain of EUT is smaller than that of the module. So in this report the worst cases of Radiated Emissions and AC Power Line Conducted Emissions were evaluated and recorded. For the test results of all other test items please refer to module test reports.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of 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% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DGDLC02	CISPR	150kHz ~ 30MHz	2.66

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DGDLCB03	CISPR	9kHz ~ 30MHz	2.26

Test Site	Method	Measurement Frequency Range	Ant. H / V	U_1 (dB)
DGDLCB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DGDLCB03 (3m)	CISPR	1GHz ~ 6GHz	4.16
		6GHz ~ 18GHz	4.74

Test Site	Method	Measurement Frequency Range	U_1 (dB)
DGDLCB02 (1m)	CISPR	18 ~ 26.5 GHz	4.30
		26.5 ~ 40 GHz	4.74

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
AC Power Line Conducted Emissions	24°C	53%	AC 120V/60Hz	Hayden Chen	Dec. 17, 2025
Radiated Emissions -9kHz to 30MHz	22°C	50%	AC 120V/60Hz	Hayden Chen	Dec. 18, 2025
Radiated Emissions -30MHz to 1000MHz	23°C	48%	AC 120V/60Hz	Calvin Wen	Dec. 19, 2025
Radiated Emissions -Above 1000 MHz	23°C	48%	AC 120V/60Hz	Calvin Wen	Dec. 18, 2025 - Dec. 19, 2025
	23°C	48%	AC 120V/60Hz	Torin Long	Dec. 25, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Notebook PC
Brand Name	RAZER
Test Model	RZ09-0581
Model Name	RZ09-0581
Model Difference(s)	N/A
Hardware Version	APF25002_MB
Software Version	Windows 11
Power Source	1# DC voltage supplied from AC adapter. 1) Model: ADP-280EB D 2) Model: AM280U-200C 2# Supplied from battery. Model: RC30-0528
Power Rating	1# I/P: 100-240V~ 3.2A 50-60Hz O/P: 20.0V==14.0A 2# 15.56V 5494mAh 85.5Wh
Operation Frequency Band(s)	UNII-4: 5850 MHz ~ 5895 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax/be: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.3 Mbps IEEE 802.11ax: up to 2402 Mbps IEEE 802.11be: up to 2882 Mbps

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:

UNII-3+UNII-4	
IEEE 802.11a / IEEE 802.11n(HT20) / IEEE 802.11ac(VHT20) / IEEE 802.11ax(HE20)	
Channel	Frequency (MHz)
169	5845

UNII-4	
IEEE 802.11a / IEEE 802.11n(HT20) / IEEE 802.11ac(VHT20) / IEEE 802.11ax(HE20)	
Channel	Frequency (MHz)
173	5865
177	5885

UNII-3+UNII-4	
IEEE 802.11n(HT40) / IEEE 802.11ac(VHT40) / IEEE 802.11ax(HE40)	
Channel	Frequency (MHz)
167	5835

UNII-4	
IEEE 802.11n(HT40) / IEEE 802.11ac(VHT40) / IEEE 802.11ax(HE40)	
Channel	Frequency (MHz)
175	5875

UNII-3+UNII-4	
IEEE 802.11ac(VHT80) / IEEE 802.11ax(HE80)	
Channel	Frequency (MHz)
171	5855

UNII-3+UNII-4	
IEEE 802.11ac(VHT160) / IEEE 802.11ax(HE160)	
Channel	Frequency (MHz)
163	5815

3. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	Quectel	Y4RRW0MA4CA	PIFA	I-PEXMHF4-L	2.93
2	Quectel	Y4RRW0MA4BA	PIFA	I-PEXMHF4-L	3.54

Note: Ant.1 refers to Main Antenna, Ant.2 refers to Aux Antenna.

3.2 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 AX(HE80) Mode Channel 171

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 1	TX AX(HE80) Mode Channel 171

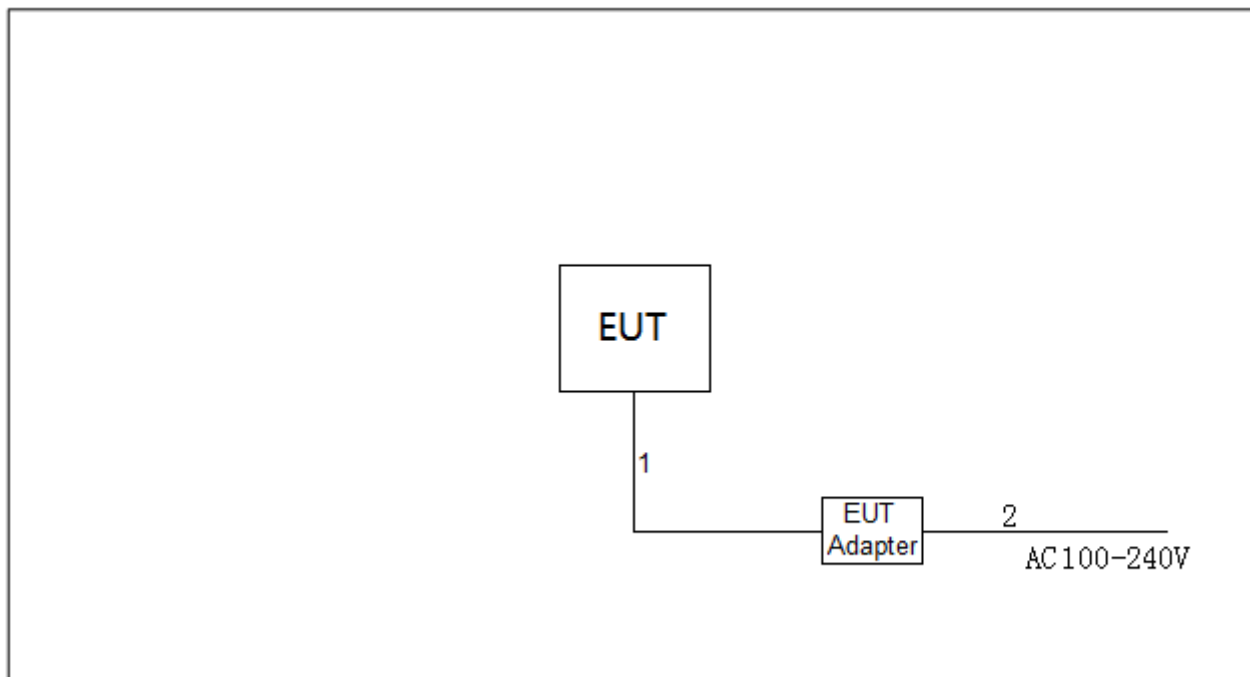
Radiated Emissions Test - Below 1GHz	
Final Test Mode	Description
Mode 1	TX AX(HE80) Mode Channel 171

Radiated Emissions Test - Above 1GHz	
Final Test Mode	Description
Mode 1	TX AX(HE80) Mode Channel 171

Note:

- (1) This Notebook PC has two adapters. Both adapter ADP-280EB D and adapter AM280U-200C had been pre-tested and in this report only recorded the worst case.

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.5M
2	AC Cable	NO	NO	1.0M

3.5 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency (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.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value

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.

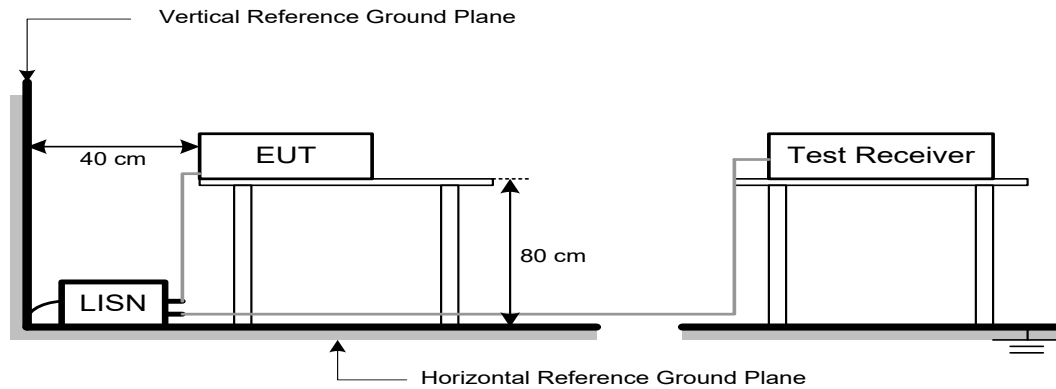
The following table is the setting of the receiver:

Receiver Parameter	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 OPERATION CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT was programmed to be in continuously transmitting/TX mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 LIMIT

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 EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Band edge at 3m (dBμV/m)	Harmonic at 1m (dBμV/m)
5725-5895 NOTE (2)	15	110.2	116.2(Note 5)
	-7	88.2	94.2(Note 5)
	-5	90.2	96.2(Note 5)
	-27	68.2	74.2(Note 5)
	10	105.2	111.2(Note 5)
	15.6	110.8	116.8(Note 5)
	27	122.2	128.2(Note 5)

NOTE:

- (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

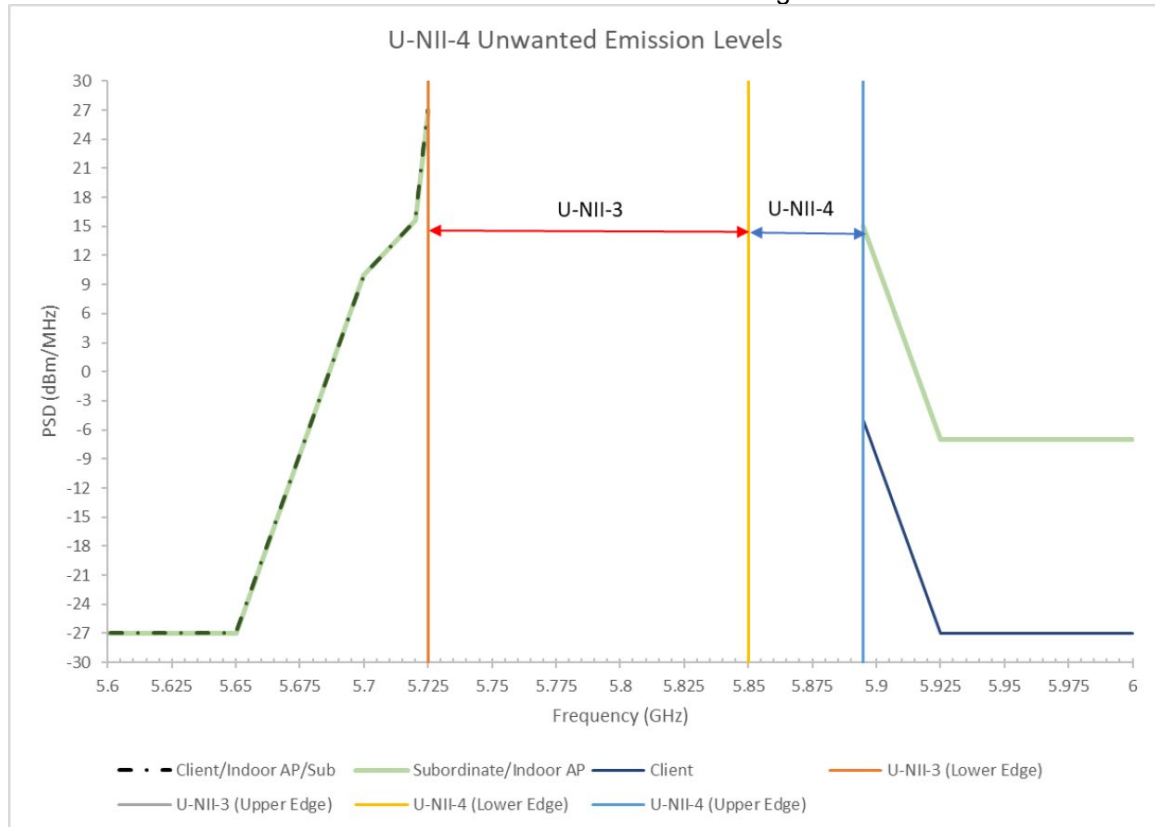
$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

- (2) According to 15.407(b)(5)(i), for an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.

According to 15.407(b)(5)(ii), for a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.

According to 15.407(b)(5)(iii), for a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

- (3) Unwanted emissions outside of restricted bands are measured with a RMS detector.
- (4) Band Edge measurements made below 5725 MHz are to be made with a Peak detector. Band Edge measurements above 5895 MHz are to be made with a RMS detector. Band Edge measurements above 5895 MHz should also include Peak plots to show compliance with 15.35(b) where the peak emissions must be limited to no more than 20 dB above the average limit.



- (5)

$$FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$20 \log (d_{\text{limit}}/d_{\text{measure}}) = 20 \log (3/1) = 9.5 \text{ dB}$.

FS_{limit} : Harmonic at 3m Peak and Average limit.

FS_{max} : Harmonic at 1m Peak and Average Maximum value.

d_{limit} : Harmonic at 3m test distance.

d_{measure} : Harmonic Actual test distance.

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 1GHz)
- b. The measuring distance of 3 m or 1m 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 1GHz)
- 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

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

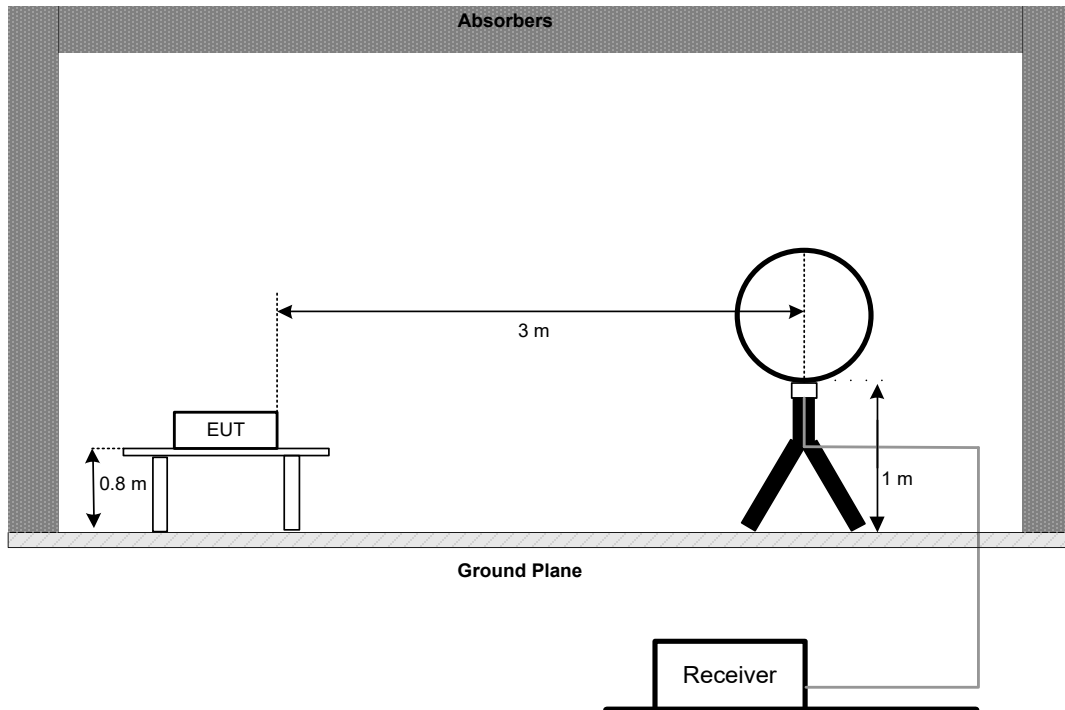
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~40 GHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

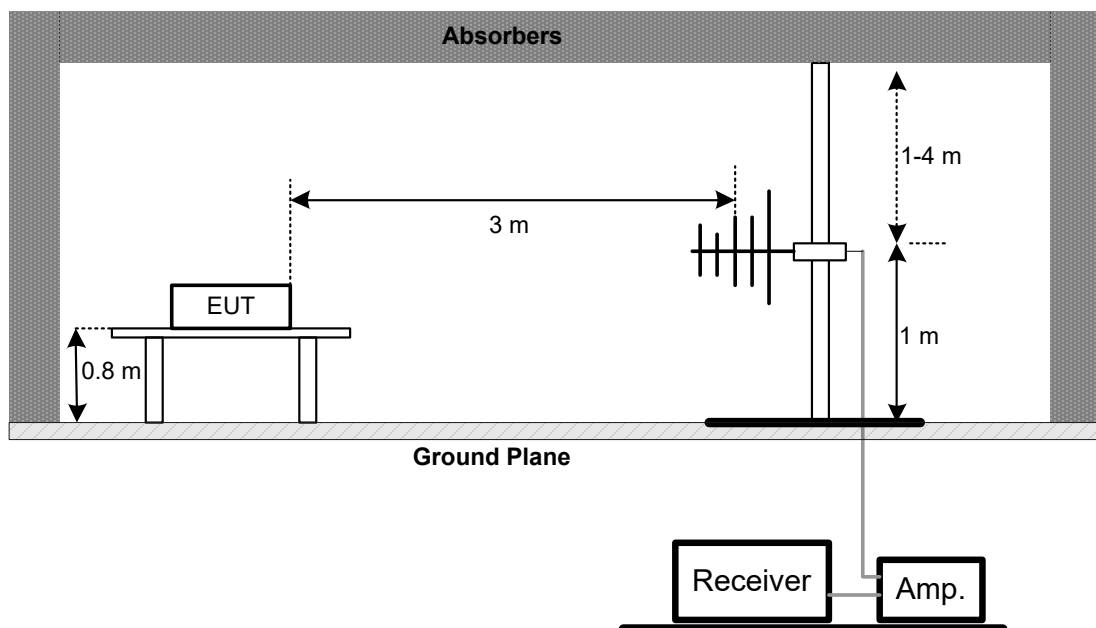
No deviation.

5.4 TEST SETUP

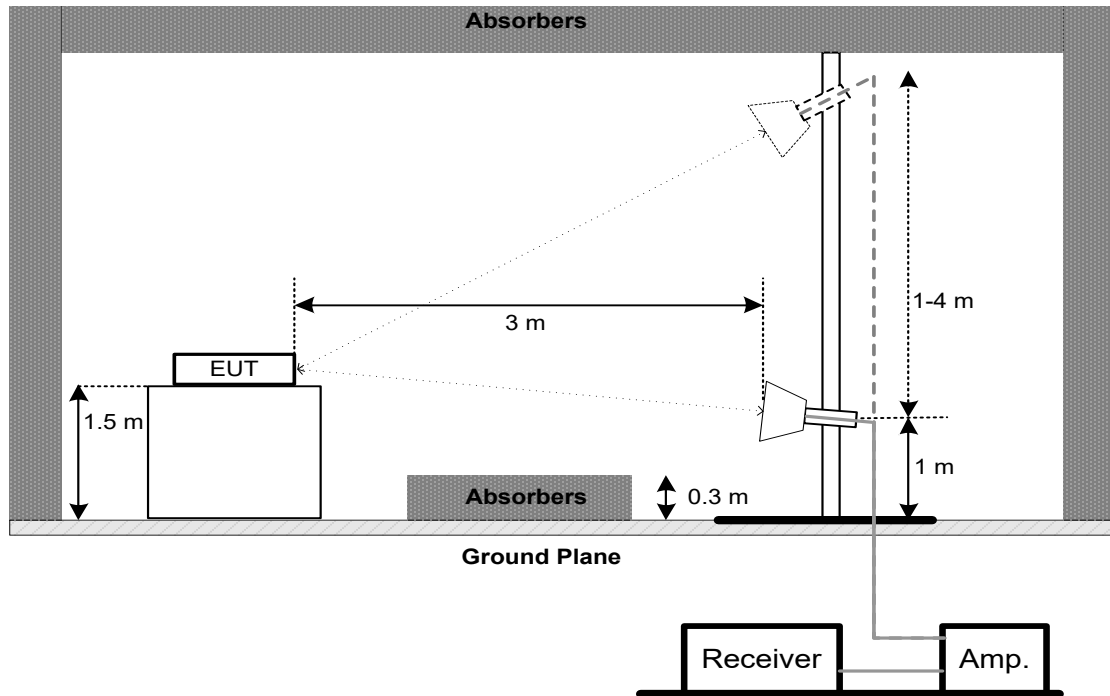
9 kHz to 30 MHz



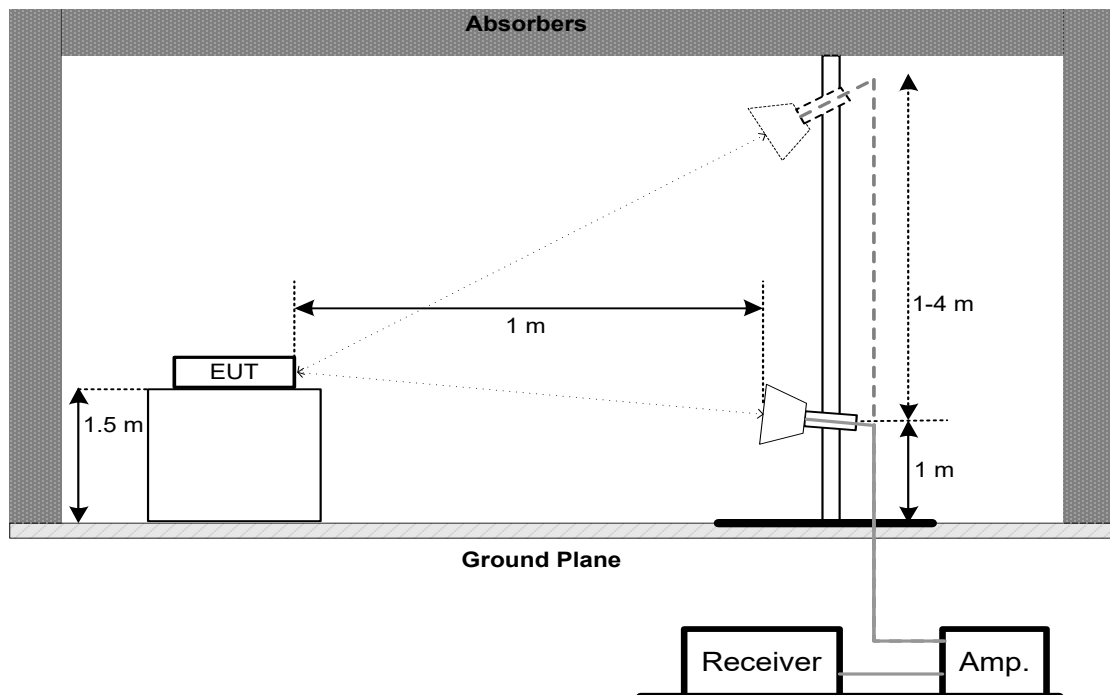
30 MHz to 1 GHz



**Above 1 GHz
Band edge & Harmonic(1 GHz to 18 GHz)**



Harmonic(18 GHz to 40 GHz)



5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

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.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

6. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Nov. 21, 2026
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Nov. 21, 2026
3	BTL_RE_System	BTL	BTL_RE_System	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M-001	9M	Jul. 08, 2026
5	643 Shield Room	ETS	6*4*3	N/A	N/A

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-6m	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
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

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	01462	Dec. 07, 2026
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 07, 2026
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 17, 2026
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jun. 04, 2026
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jun. 04, 2026
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jun. 04, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 15, 2026

Radiated Emissions - 1 GHz to 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2026
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Oct. 17, 2026
3	Double Ridged Guide Antenna	ETS	3115	75846	Mar. 02, 2026
4	Cable	RegalWay	RWLP50-4.0A-SMS M-12.5M	N/A	Jun. 29, 2026
5	Cable	RegalWay	RWLP50-4.0A-NM RASM-2.5M	N/A	Jun. 29, 2026
6	Cable	RegalWay	RWLP50-4.0A-NM RASMRA-0.8M	N/A	Jun. 29, 2026
7	966 Chamber room	CM	9*6*6	N/A	May 18, 2026
8	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
9	Filter	STI	STI15-9969	N/A	May 28, 2026

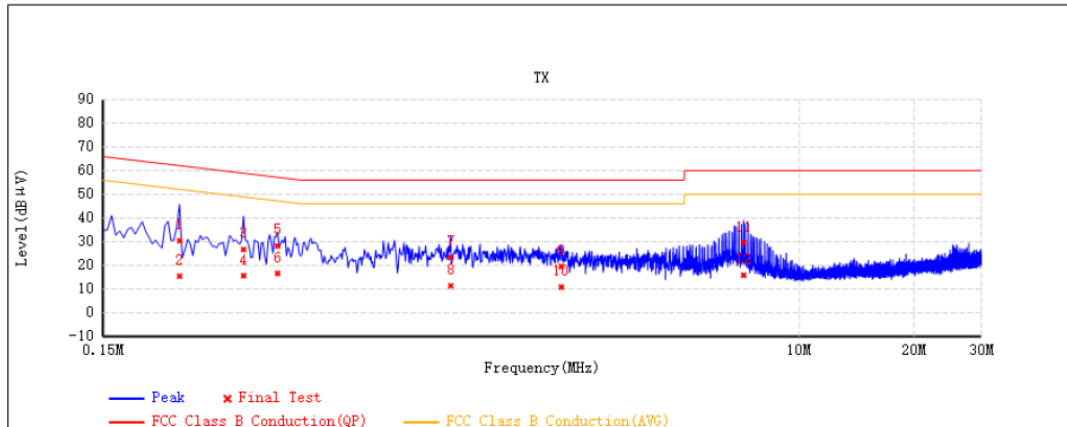
Radiated Emissions - Above 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Cable	Tonscend	HF160-KMKM-0.5M	N/A	Oct. 21, 2026
2	Cable	Tonscend	HF160-KMKM-5M	N/A	Oct. 21, 2026
3	Pre-Amplifier	EMC INSTRUMENT	EMC184045SE	980409	Nov. 21, 2026
4	DRG Horn Antenna	ETS	3116C	218942	Feb. 28, 2026
5	Positioning Controller	MF	MF-7802	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	May 17, 2026

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

All calibration period of equipment list is one year.

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX AX(HE80) Mode Channel 171	Phase	Line
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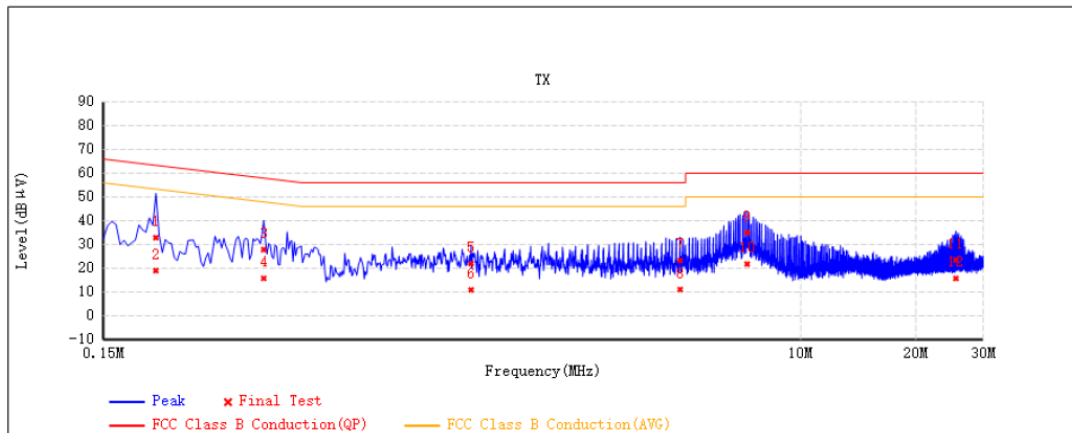


Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.2382	20.07	10.42	30.49	62.16	-31.67	QP	
	2	0.2382	5.09	10.42	15.51	52.16	-36.65	AVG	
	3	0.3504	16.35	10.45	26.8	58.95	-32.16	QP	
	4	0.3504	5.27	10.45	15.72	48.95	-33.23	AVG	
	5	0.4298	17.79	10.47	28.26	57.26	-29	QP	
	6	0.4298	6.22	10.47	16.68	47.26	-30.58	AVG	
	7	1.2221	12.81	10.57	23.39	56	-32.61	QP	
	8	1.2221	0.87	10.57	11.45	46	-34.55	AVG	
	9	2.3818	8.93	10.67	19.6	56	-36.4	QP	
	10	2.3818	0.22	10.67	10.9	46	-35.1	AVG	
	11	7.1504	18.52	11.22	29.74	60	-30.26	QP	
	12	7.1504	4.67	11.22	15.9	50	-34.1	AVG	

REMARKS:

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

Test Mode	TX AX(HE80) Mode Channel 171	Phase	Neutral
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Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.2058	22.5	10.44	32.94	63.37	-30.43	QP	
	2	0.2058	8.62	10.44	19.06	53.37	-34.32	AVG	
	3	0.3942	17.41	10.49	27.9	57.98	-30.07	QP	
	4	0.3942	5.34	10.49	15.83	47.98	-32.15	AVG	
	5	1.3738	11.47	10.62	22.08	56	-33.92	QP	
	6	1.3738	0.37	10.62	10.98	46	-35.02	AVG	
	7	4.8379	12.14	11.17	23.31	56	-32.69	QP	
	8	4.8379	-0.02	11.17	11.15	46	-34.85	AVG	
*	9	7.2424	23.73	11.34	35.07	60	-24.93	QP	
	10	7.2424	10.51	11.34	21.85	50	-28.15	AVG	
	11	25.4579	8.19	15.39	23.58	60	-36.42	QP	
	12	25.4579	0.4	15.39	15.79	50	-34.21	AVG	

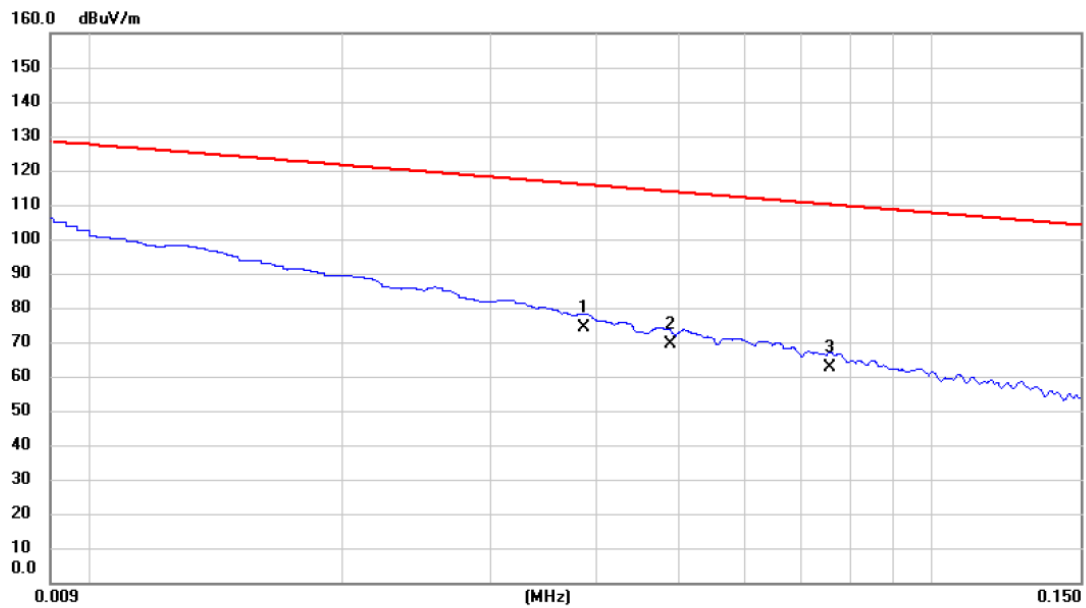
REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX AX(HE80) Mode Channel 171	Polarization	Ant 0°
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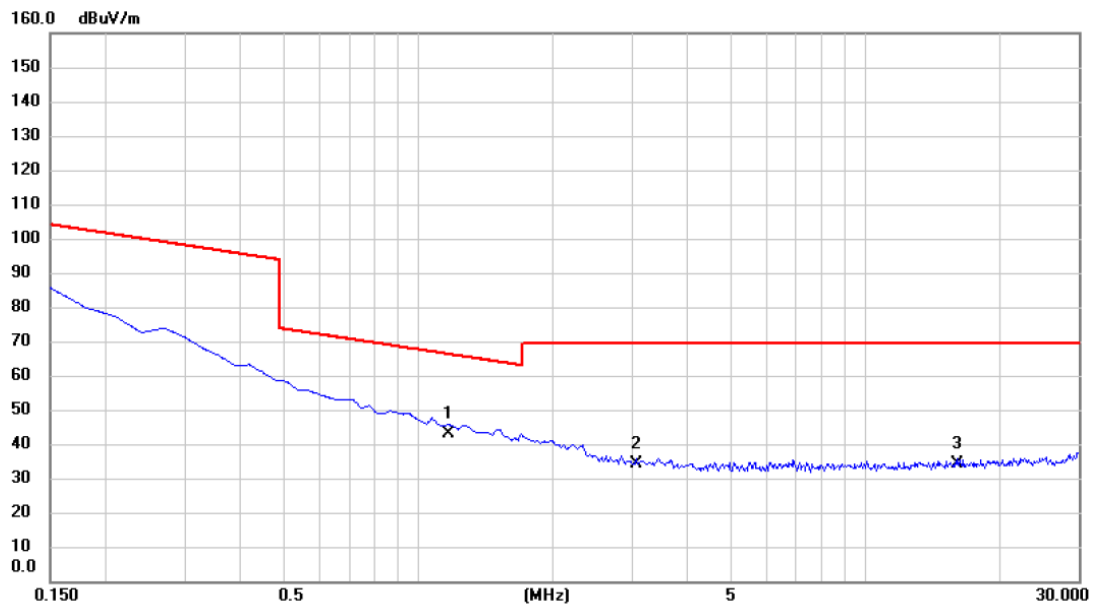
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.039	54.20	20.14	74.34	115.87	-41.53	AVG	
2		0.049	49.28	20.14	69.42	113.80	-44.38	AVG	
3		0.076	42.33	20.14	62.47	110.02	-47.55	AVG	

REMARKS:

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

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

Test Mode	TX AX(HE80) Mode Channel 171	Polarization	Ant 0°
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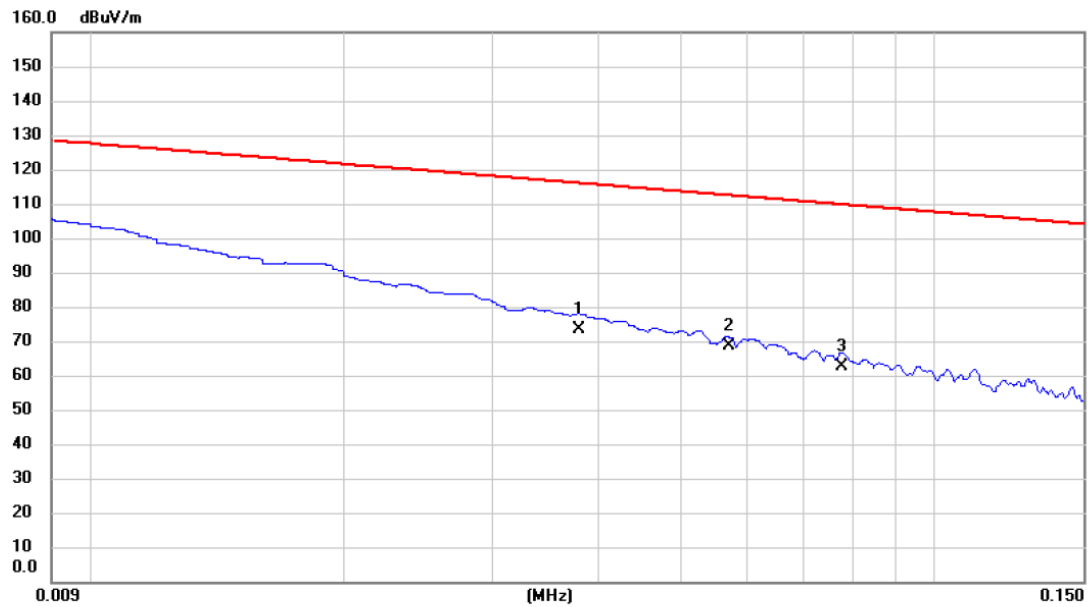
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	1.165	23.14	20.00	43.14	66.28	-23.14	QP	
2	3.075	13.94	20.07	34.01	69.54	-35.53	QP	
3	16.000	13.42	20.62	34.04	69.54	-35.50	QP	

REMARKS:

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

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

Test Mode	TX AX(HE80) Mode Channel 171	Polarization	Ant 90°
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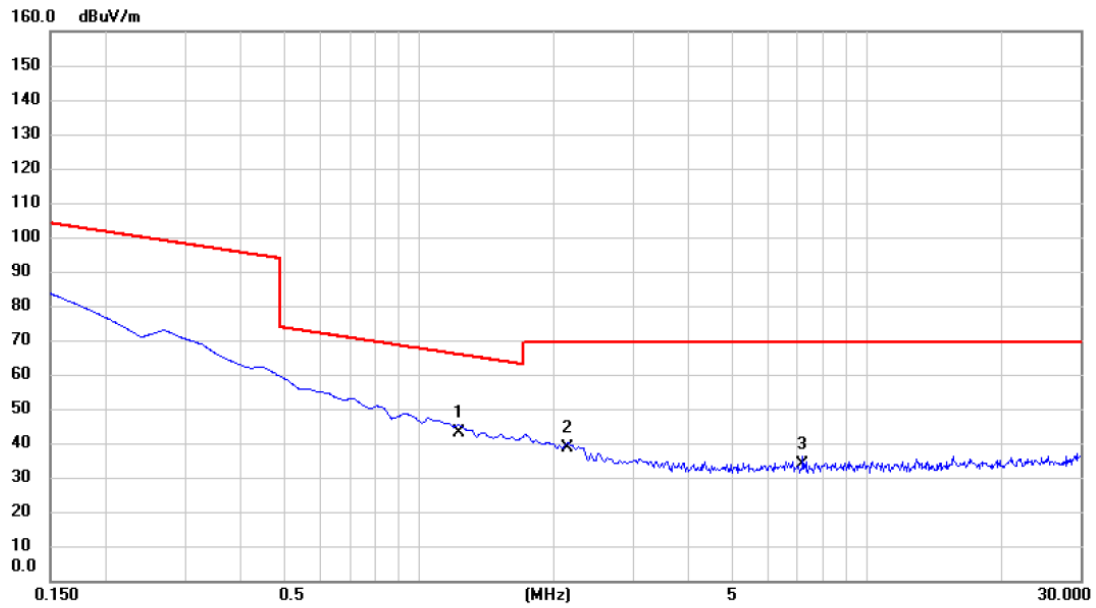


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.038	53.26	20.14	73.40	116.01	-42.61	AVG	
2		0.057	48.51	20.14	68.65	112.49	-43.84	AVG	
3		0.078	42.31	20.14	62.45	109.80	-47.35	AVG	

REMARKS:

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

Test Mode	TX AX(HE80) Mode Channel 171	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 *	1.224	23.14	20.00	43.14	65.85	-22.71	QP	
2	2.150	18.54	20.02	38.56	69.54	-30.98	QP	
3	7.195	13.65	20.30	33.95	69.54	-35.59	QP	

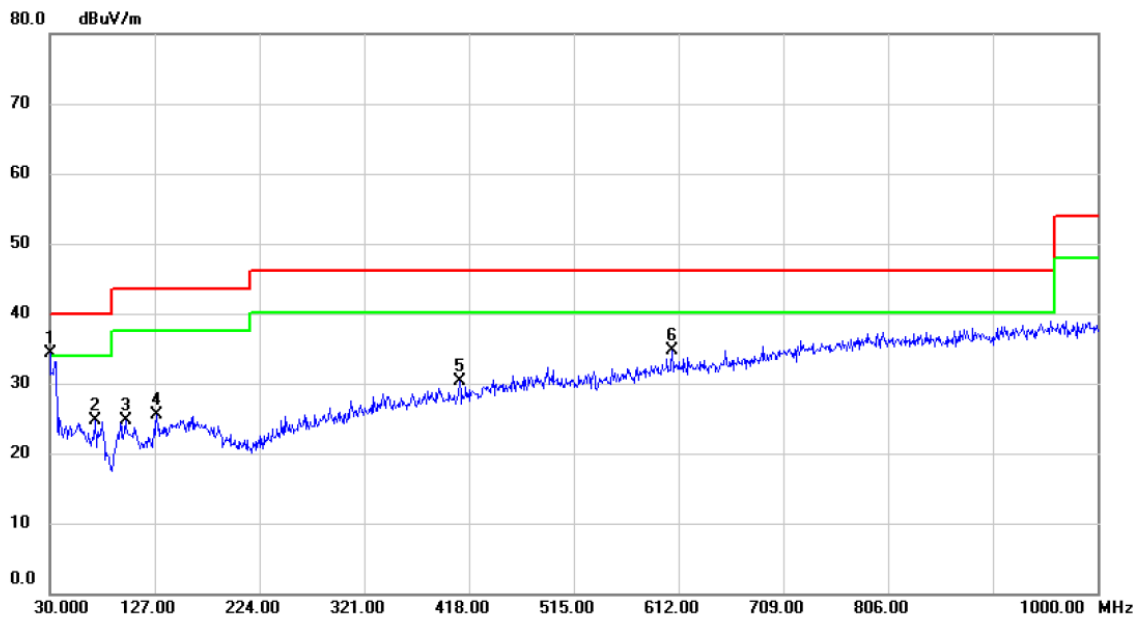
REMARKS:

(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 AX(HE80) Mode Channel 171	Polarization	Vertical
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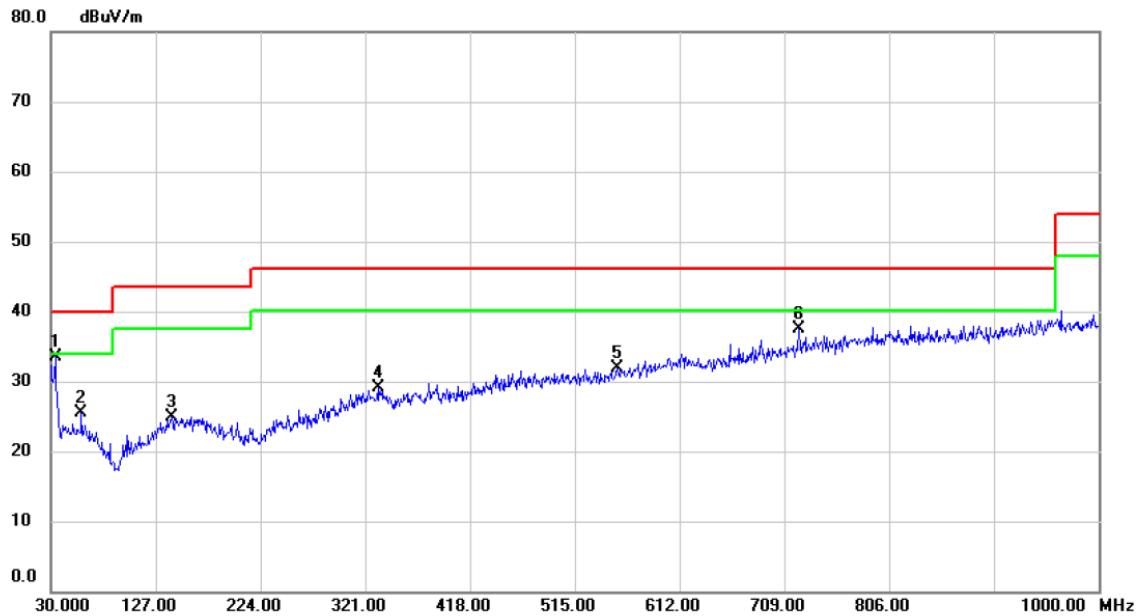


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	30.000	45.67	-11.44	34.23	40.00	-5.77	peak	
2	71.710	38.10	-13.38	24.72	40.00	-15.28	peak	
3	99.840	40.10	-15.41	24.69	43.52	-18.83	peak	
4	128.940	37.92	-12.49	25.43	43.52	-18.09	peak	
5	409.270	37.70	-7.34	30.36	46.02	-15.66	peak	
6	606.180	37.70	-3.07	34.63	46.02	-11.39	peak	

REMARKS:

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

Test Mode	TX AX(HE80) Mode Channel 171	Polarization	Horizontal
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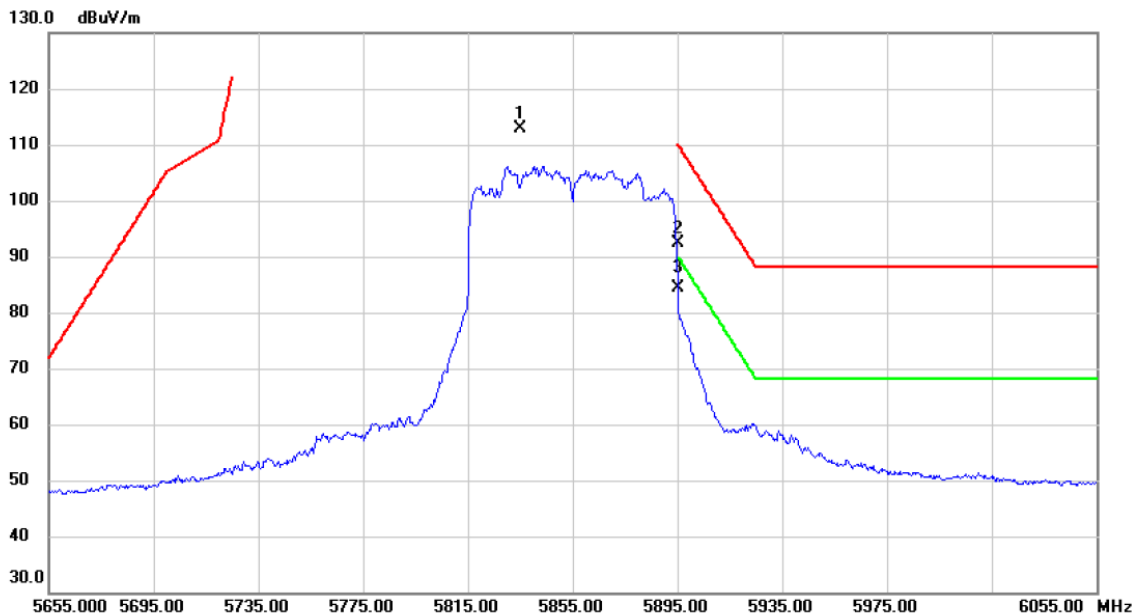
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.880	45.85	-12.43	33.42	40.00	-6.58	peak	
2	58.130	36.98	-11.43	25.55	40.00	-14.45	peak	
3	141.550	36.00	-11.10	24.90	43.52	-18.62	peak	
4	332.640	37.98	-8.87	29.11	46.02	-16.91	peak	
5	554.770	36.45	-4.58	31.87	46.02	-14.15	peak	
6	722.580	39.10	-1.54	37.56	46.02	-8.46	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	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Vertical
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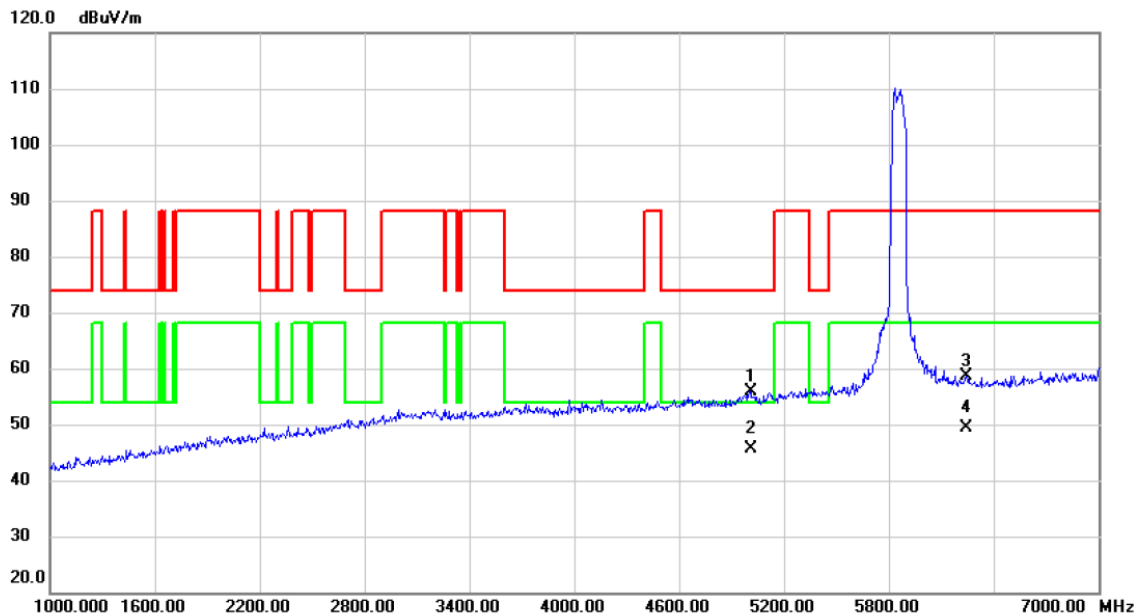
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5835.000	95.91	17.08	112.99			peak	No Limit
2	5895.000	75.06	17.29	92.35	110.20	-17.85	peak	
3 *	5895.000	67.11	17.29	84.40	90.20	-5.80	AVG	

REMARKS:

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

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

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Vertical
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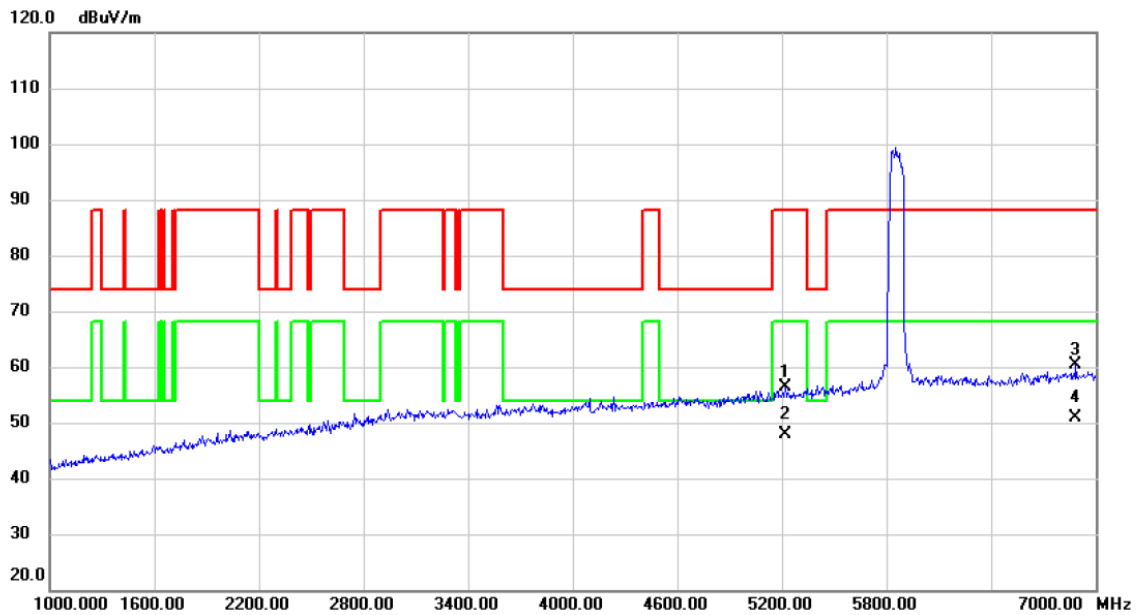


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5008.000	41.34	14.61	55.95	74.00	-18.05	peak	
2 *	5008.000	30.98	14.61	45.59	54.00	-8.41	AVG	
3	6244.000	40.61	17.94	58.55	88.20	-29.65	peak	
4	6244.000	31.56	17.94	49.50	68.20	-18.70	AVG	

REMARKS:

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

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Horizontal
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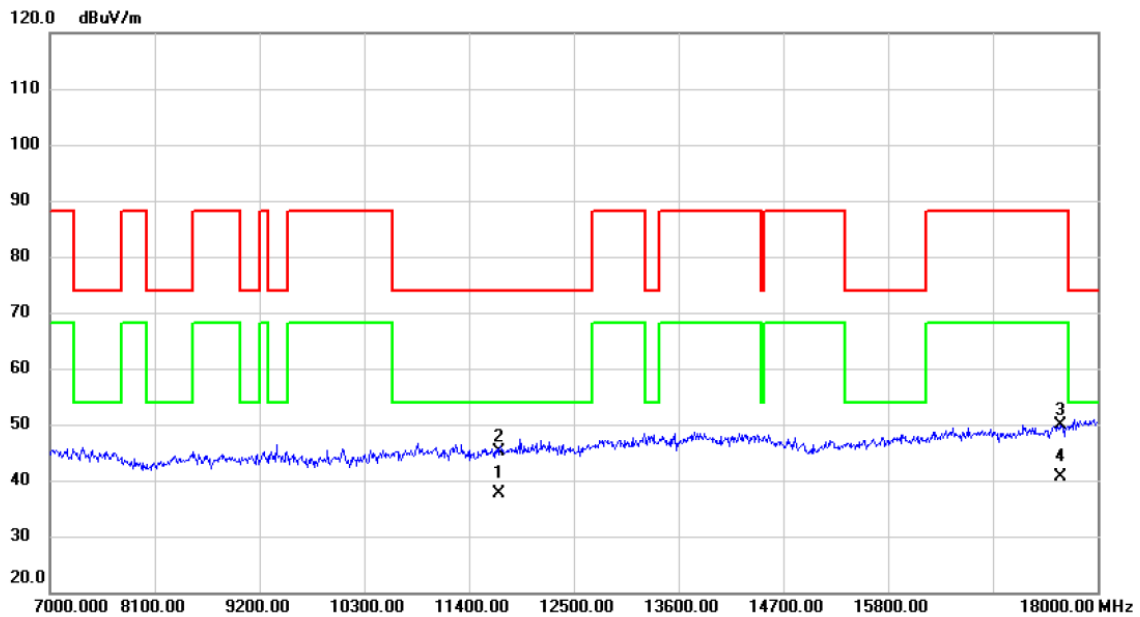


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5218.000	41.28	15.15	56.43	88.20	-31.77	peak	
2	5218.000	32.69	15.15	47.84	68.20	-20.36	AVG	
3	6886.000	40.93	19.42	60.35	88.20	-27.85	peak	
4 *	6886.000	31.52	19.42	50.94	68.20	-17.26	AVG	

REMARKS:

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

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Vertical
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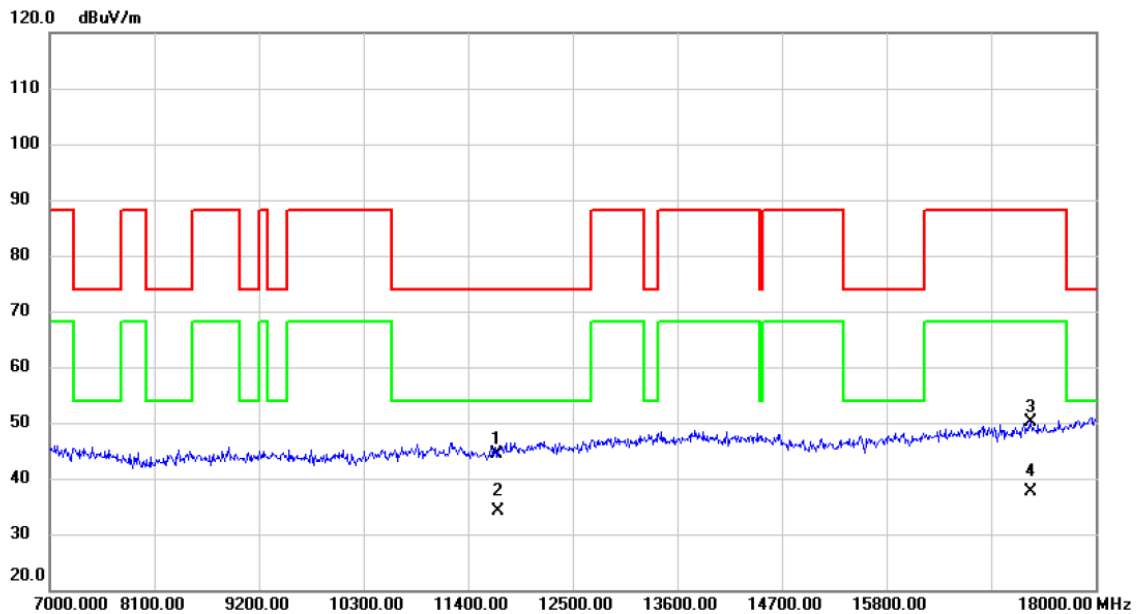
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1	*	11718.120	28.13	9.49	37.62	54.00	-16.38	AVG
2		11718.880	35.73	9.49	45.22	74.00	-28.78	peak
3		17604.000	39.02	10.97	49.99	88.20	-38.21	peak
4		17604.000	29.69	10.97	40.66	68.20	-27.54	AVG

REMARKS:

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

(2) $\text{Margin Level} = \text{Measurement Value} - \text{Limit Value}.$

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Horizontal
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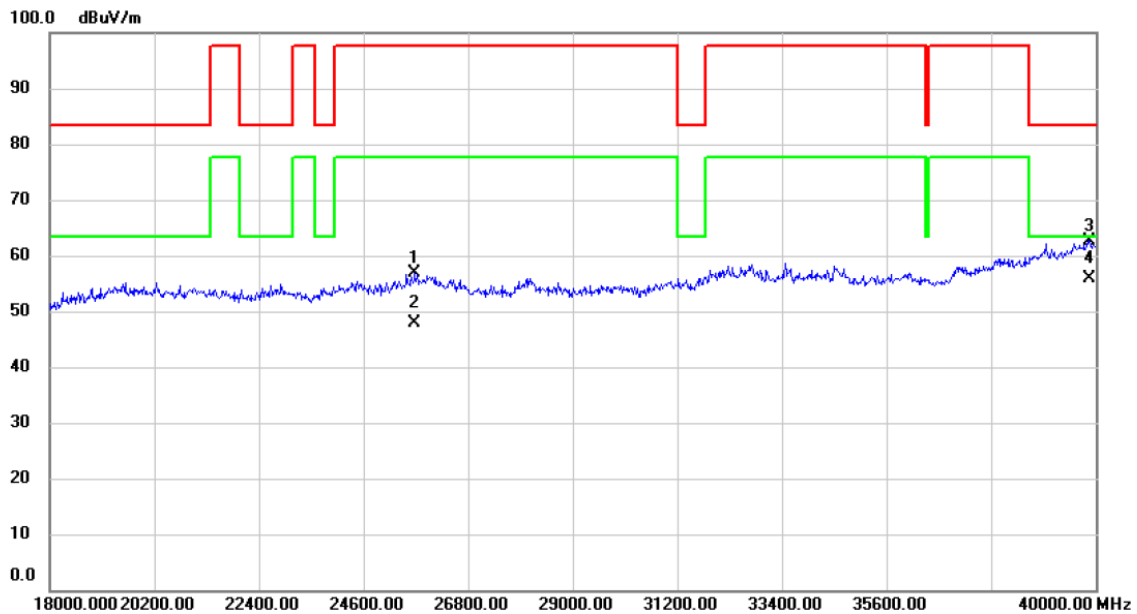
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11702.380	34.92	9.46	44.38	74.00	-29.62	peak	
2 *	11716.400	24.69	9.49	34.18	54.00	-19.82	AVG	
3	17318.000	39.42	10.71	50.13	88.20	-38.07	peak	
4	17318.000	26.96	10.71	37.67	68.20	-30.53	AVG	

REMARKS:

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

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

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	Polarization	Vertical
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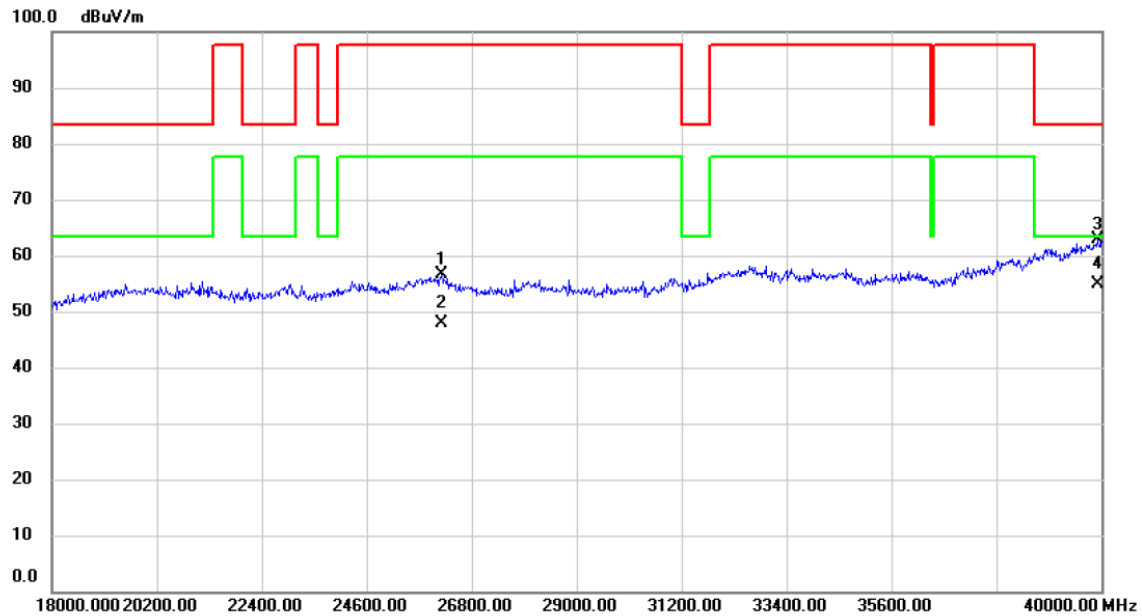


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	25678.000	50.98	5.88	56.86	97.70	-40.84	peak	
2	25678.000	42.03	5.88	47.91	77.70	-29.79	AVG	
3	39868.000	50.05	12.54	62.59	83.50	-20.91	peak	
4 *	39868.000	43.26	12.54	55.80	63.50	-7.70	AVG	

REMARKS:

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

Test Mode	UNII-3+UNII-4_TX AX(HE80) Mode 5855 MHz	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	26162.000	50.76	5.89	56.65	97.70	-41.05	peak	
2	26162.000	41.96	5.89	47.85	77.70	-29.85	AVG	
3	33912.000	50.33	12.63	62.96	83.50	-20.54	peak	
4 *	33912.000	42.14	12.63	54.77	63.50	-8.73	AVG	

REMARKS:

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

End of Test Report