



FCC Radio Test Report

FCC ID: 2BH7FEAP775OD

This report concerns: Original Grant

Project No. : 2604C166
Equipment : BE11000 Indoor/Outdoor Wi-Fi 7 Access Point
Brand Name : Omada
Model Name : EAP775-Outdoor
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Date of Receipt : Apr. 15, 2026
Date of Test : Apr. 20, 2026 ~ May 27, 2026
Issued Date : Aug. 13, 2026
Test Sample : Engineering Sample No.: DG920260415228 for Radiated and AC Power Line Conducted Emissions, DG920260415232 for Output Power, DG092026043072 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)

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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 manufacturer'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.

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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-3-2604C166	R00	Original Report.	Aug. 13, 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 558074 D01 15.247 Meas Guidance v05r02

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 C				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	-----
15.247(b)(3)	Maximum Output Power	APPENDIX F	PASS	-----
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	-----
15.247(e)	Power Spectral Density	APPENDIX H	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 non-standard antenna jack and permanently attached antenna jack 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 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 95.45% 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,(dB)
DGDLC02	CISPR	150kHz ~ 30MHz	2.66

B. Radiated emissions test:

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

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(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,(dB)
DGDLCB03 (3m)	CISPR	1GHz ~ 6GHz	4.16
		6GHz ~ 18GHz	4.74

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03 (3m)	CISPR	18 ~ 26.5 GHz	3.38

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	0.75 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	2.1 dB
Conducted Bandedge Emission	1.7 dB
Power Spectral Density	1.8 dB
Temperature	0.7 °C
Humidity	1.7 %

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	21°C	55%	AC 120V/60Hz	Hayden Chen	Apr. 29, 2026
Radiated Emissions -9kHz to 30 MHz	23°C	44%	PoE 48V	Hayden Chen	Apr. 28, 2026
Radiated Emissions -30MHz to 1000MHz	24°C	50%	PoE 48V	Torin Long	May 07, 2026
Radiated Emissions -Above 1000MHz	24°C	51%	PoE 48V	Jensen Zhou	Apr. 28, 2026- Apr. 29, 2026
	23-24°C	50%	PoE 48V	Torin Long Chen Mo	May 02, 2026- May 07, 2026
Bandwidth	24°C	53%	PoE 48V	Jensen Zhou	May 01, 2026
Maximum Output Power	23-24°C	41-51%	PoE 48V	Steve Zhou Andrew Jiang	Apr. 24, 2026- May 18, 2026
Conducted Spurious Emissions	24°C	53%	PoE 48V	Jensen Zhou	May 01, 2026
Power Spectral Density	24°C	53%	PoE 48V	Jensen Zhou	May 01, 2026

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	BE11000 Indoor/Outdoor Wi-Fi 7 Access Point
Brand Name	Omada
Test Model	EAP775-Outdoor
Model Name	EAP775-Outdoor
Model Difference(s)	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from 802.3at PoE.
Power Rating	42.5-57V $\pm$ 0.6A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g/n: OFDM IEEE 802.11ax/be: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps IEEE 802.11be: up to 688 Mbps
Maximum Output Power Omnidirectional Antenna	IEEE 802.11b: 28.59 dBm (0.7228 W)
Maximum Output Power Directional Antenna	IEEE 802.11be(EHT20): 27.19 dBm (0.5236 W)

Note:

- 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:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20), IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)							
CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40), IEEE 802.11be(EHT40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3. Antenna Specification:

Omnidirectional Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		EAP775-Outdoor (US) 1.0	Dipole	RP-SMA	3.42
2		EAP775-Outdoor (US) 1.0	Dipole	RP-SMA	3.75

Note:

- This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=3.75.
For power spectral density measurements, the Directional gain(each angle)
= $10\log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi,
So the Directional gain(each angle)= $10\log[(10^{3.36/20} + 10^{3.23/20})^2 / 2]$ dBi=6.31.
Then, the power spectral density limit is $8 - (6.31 - 6) = 7.69$.
- Beamforming Gain: 3 dB.

Directional Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		EAP775-Outdoor (US) 1.0	Microstrip	N/A	8.15
2		EAP775-Outdoor (US) 1.0	Microstrip	N/A	8.11

Note:

- This EUT supports CDD, and all antennas have the same gain, Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=8.15. So, the output power limit is $30 - (8.15 - 6) = 27.85$.
For power spectral density measurements, $N_{ANT} = 2$, $N_{SS} = 1$.
So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT} / N_{SS})$ dBi= $8.15 + 10\log(2/1)$ dBi=11.16.
Then, the power spectral density limit is $8 - (11.16 - 6) = 2.84$.
- Beamforming Gain: 3 dB.

4. Table for Antenna Configuration:

Operating Mode	TX Mode	2TX
IEEE 802.11b		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11g		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11n(HT20)		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11n(HT40)		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11ax(HE20)		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11ax(HE40)		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11be(EHT20)		V (Omnidirectional Antenna or Directional Antenna)
IEEE 802.11be(EHT40)		V (Omnidirectional Antenna or Directional Antenna)

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 B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX BE(EHT20) Mode Channel 01/06/11
Mode 6	TX BE(EHT40) Mode Channel 03/06/09
Mode 7	TX B Mode Channel 06
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX BE(EHT20) Mode Channel 01/02/06/10/11
Mode 13	TX BE(EHT40) Mode Channel 03/04/06/08/09
Mode 14	TX BE(EHT20) Mode Channel 06

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 7	TX B Mode Channel 06
Mode 14	TX BE(EHT20) Mode Channel 06

Radiated emissions test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 7	TX B Mode Channel 06
Mode 14	TX BE(EHT20) Mode Channel 06

Radiated emissions test - 1 GHz - 18 GHz	
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX BE(EHT20) Mode Channel 01/02/06/10/11
Mode 13	TX BE(EHT40) Mode Channel 03/04/06/08/09

Conducted test	
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX BE(EHT20) Mode Channel 01/06/11
Mode 6	TX BE(EHT40) Mode Channel 03/06/09

NOTE:

- (1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11b Mode Channel 06 for Omnidirectional Antenna, IEEE 802.11be(EHT20) Channel 06 for Directional Antenna is found to be the worst case and recorded.
- (3) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (4) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (5) For Beamforming operation, the manufacturer automatically reduces power based on a factor calculated as the difference between the beamforming directional gain and the CDD directional power gain. Thus, only the CDD mode was evaluated in this report.
- (6) IEEE 802.11ax mode and IEEE 802.11be mode only support full RU, so only the full RU is evaluated and measured inside report.
- (7) For radiated emission 1 GHz - 18GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is recorded.
- (8) EHT20/EHT40 covers HE20/HE40, due to same modulation (in full RU). The power setting for 802.11ax HE20/HE40 are the same or lower than 802.11be EHT20/EHT40.

3.3 PARAMETERS OF TEST SOFTWARE

Omnidirectional Antenna

Test Software Version	testtree		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	24	25.5	23.5
IEEE 802.11g	19	25.5	20
IEEE 802.11n(HT20)	18	25.5	19
IEEE 802.11be(EHT20)	17	25.5	17.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	14	17	15.5
IEEE 802.11be(EHT40)	14	17	15.5

Directional Antenna

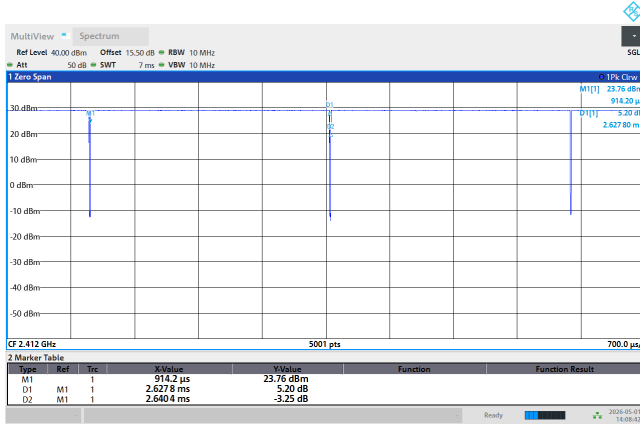
Test Software Version	testtree		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	22.5	22	22.5
IEEE 802.11g	19.5	23.5	22
IEEE 802.11n(HT20)	20.5	22.5	21
IEEE 802.11be(EHT20)	19.5	23.5	21.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	17	19.5	21.5
IEEE 802.11be(EHT40)	17	19.5	21.5

3.4 DUTY CYCLE

If duty cycle is $\geq 98\%$, duty factor is not required.
 If duty cycle is $< 98\%$, duty factor shall be considered.
 The output power = measured power + duty factor.

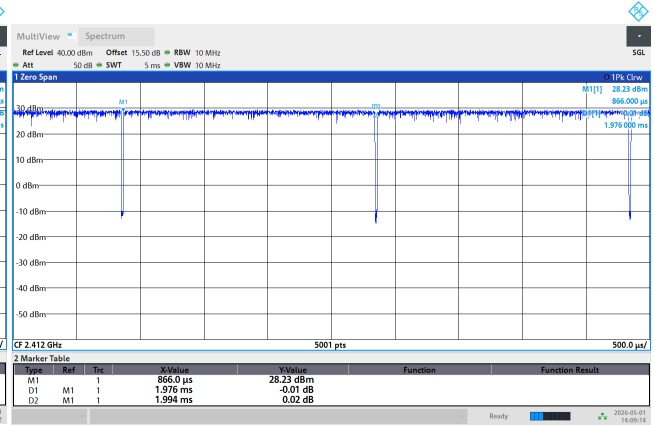
Omnidirectional Antenna

802.11b



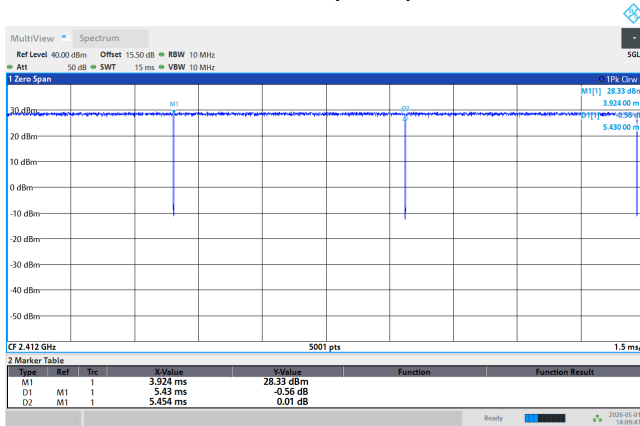
Duty cycle = 2.628 ms / 2.640 ms = 99.55%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00 \text{ dB}$

802.11g



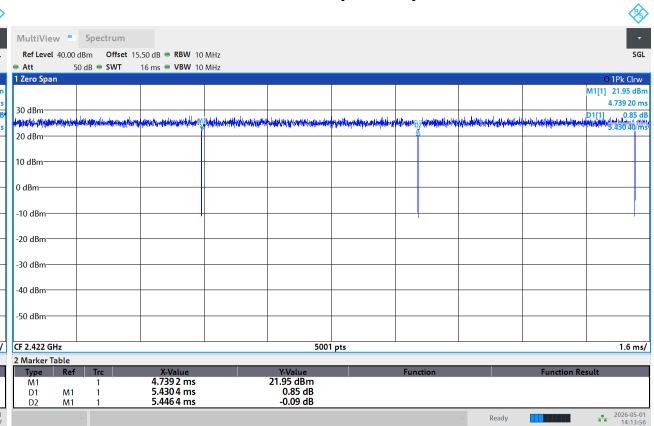
Duty cycle = 1.976 ms / 1.994 ms = 99.10%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00 \text{ dB}$

802.11n(HT20)



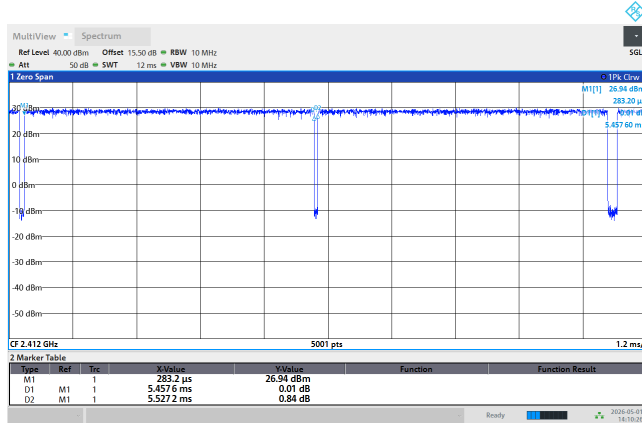
Duty cycle = 5.430 ms / 5.454 ms = 99.56%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00 \text{ dB}$

802.11n(HT40)



Duty cycle = 5.430 ms / 5.446 ms = 99.71%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00 \text{ dB}$

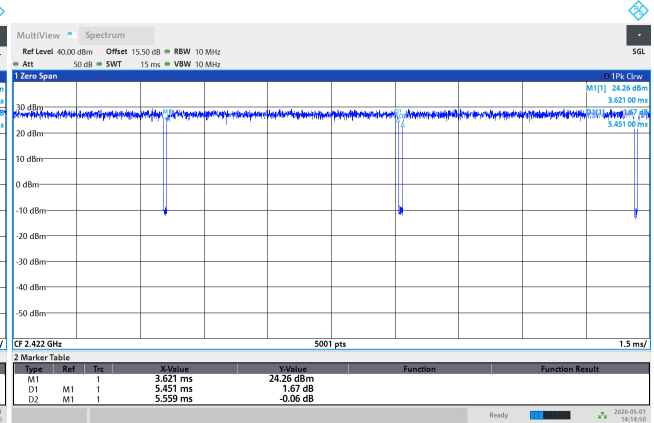
802.11be(EHT20)



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Duty cycle = 5.458 ms / 5.527 ms = 98.75%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

802.11be(EHT40)



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Duty cycle = 5.451 ms / 5.559 ms = 98.06%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

NOTE:

For IEEE 802.11b:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11g:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11n(HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz.

For IEEE 802.11be(EHT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

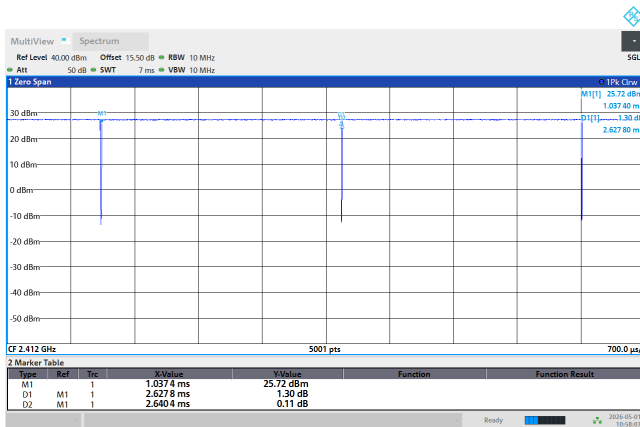
For IEEE 802.11be(EHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz.

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

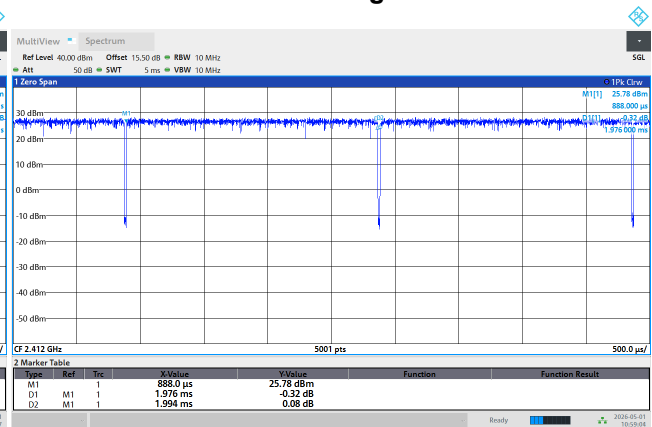
Directional Antenna

802.11b



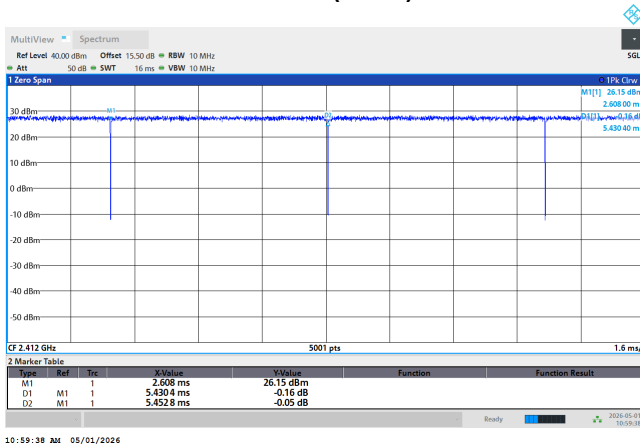
Duty cycle = 2.628 ms / 2.640 ms = 99.55%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

802.11g



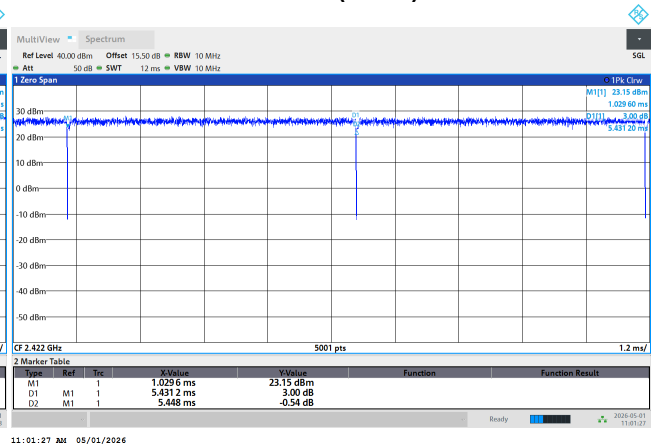
Duty cycle = 1.976 ms / 1.994 ms = 99.10%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

802.11n(HT20)



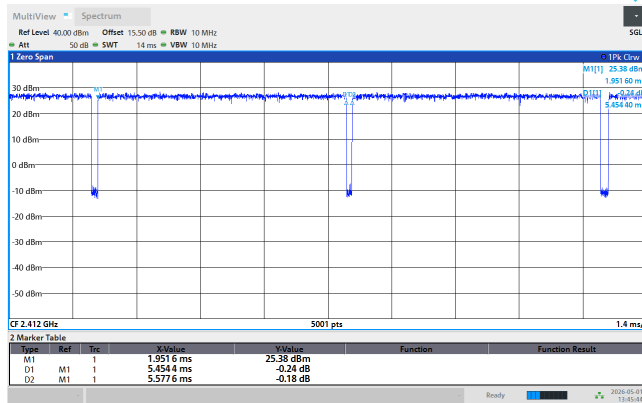
Duty cycle = 5.430 ms / 5.453 ms = 99.58%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

802.11n(HT40)



Duty cycle = 5.431 ms / 5.448 ms = 99.69%
Duty Factor = 10 log(1/Duty cycle) = 0.00 dB

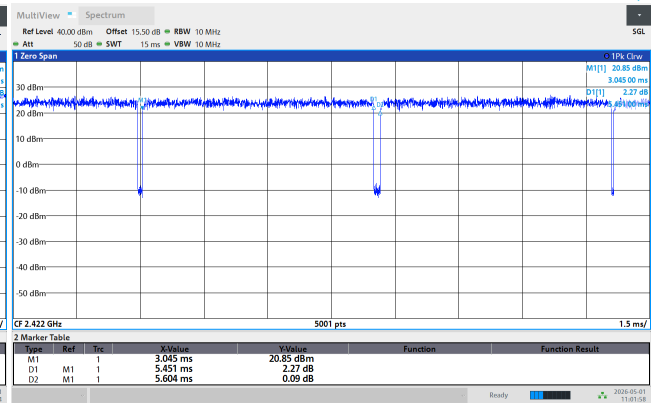
802.11be(EHT20)



01:45:44 PM 05/01/2026

Duty cycle = 5.454 ms / 5.578 ms = 97.78%
Duty Factor = 10 log(1/Duty cycle) = 0.10 dB

802.11be(EHT40)



11:01:59 AM 05/01/2026

Duty cycle = 5.451 ms / 5.604 ms = 97.27%
Duty Factor = 10 log(1/Duty cycle) = 0.12 dB

NOTE:

For IEEE 802.11b:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11g:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11n(HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz.

For IEEE 802.11be(EHT20):

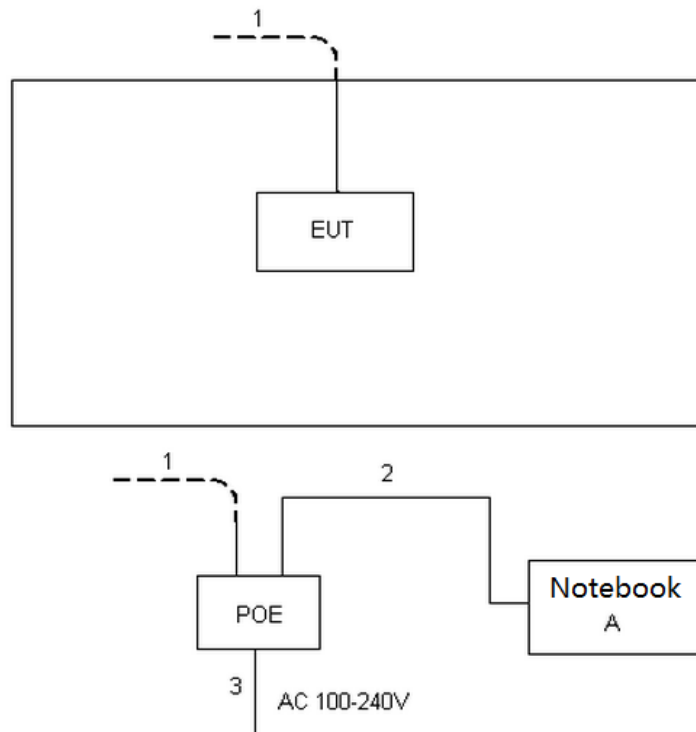
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz.

For IEEE 802.11be(EHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz.

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Dell	Inspiron 15-7559	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	RJ45 Cable	NO	NO	10m
2	Network Cable	NO	NO	1m
3	AC Cable	NO	NO	1.5m

3.7 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain and beamforming gain are 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 (dBμV)	
	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.

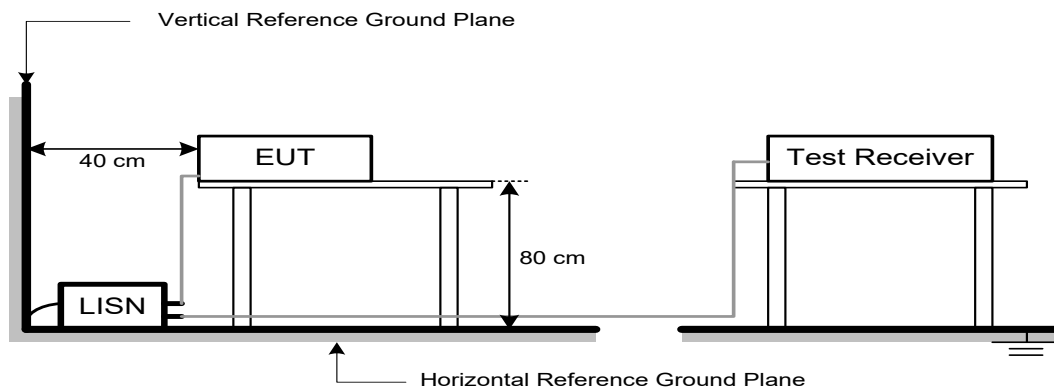
The following table is the setting of the receiver:

Receiver 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 OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting 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 EMISSION MEASUREMENT (9 kHz-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 RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge/ Harmonic at 3m (dBμV/m)		Harmonic at 1m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 5)	63.5 (Note 5)

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 (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

$$(5) \quad FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

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

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 1 GHz)
- 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
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

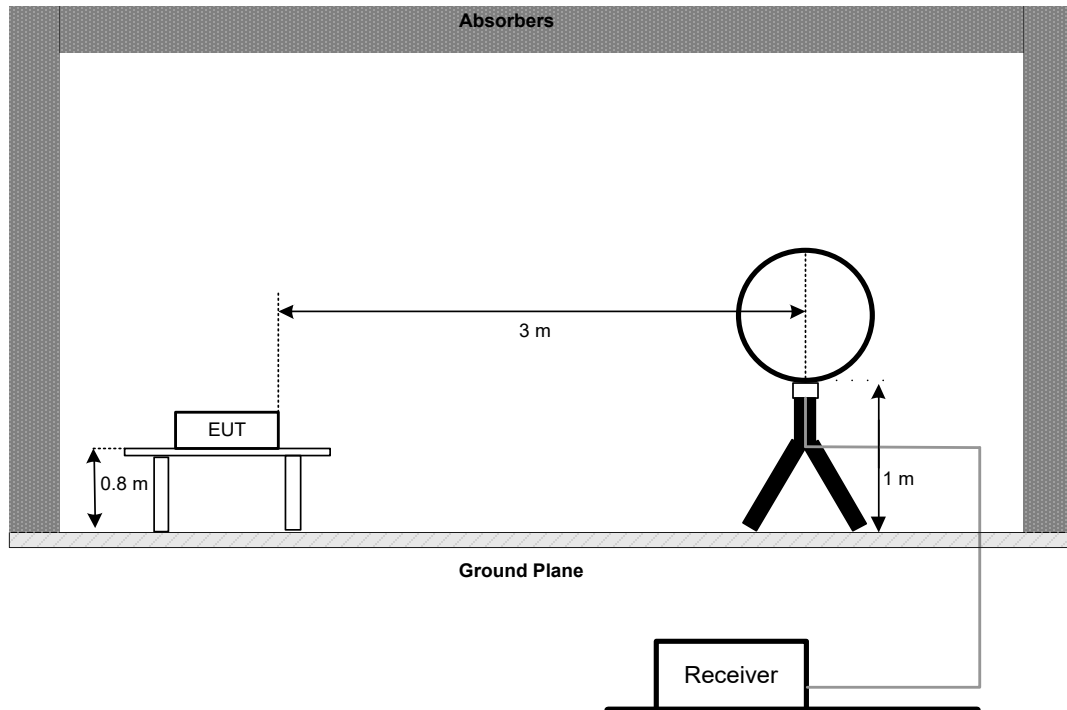
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

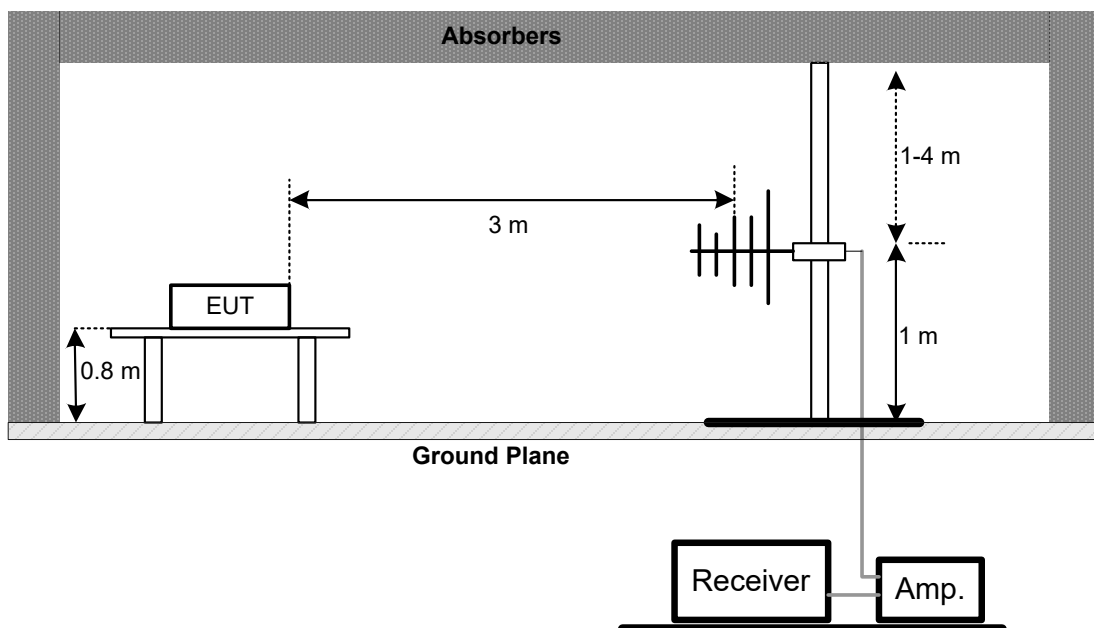
No deviation.

5.4 TEST SETUP

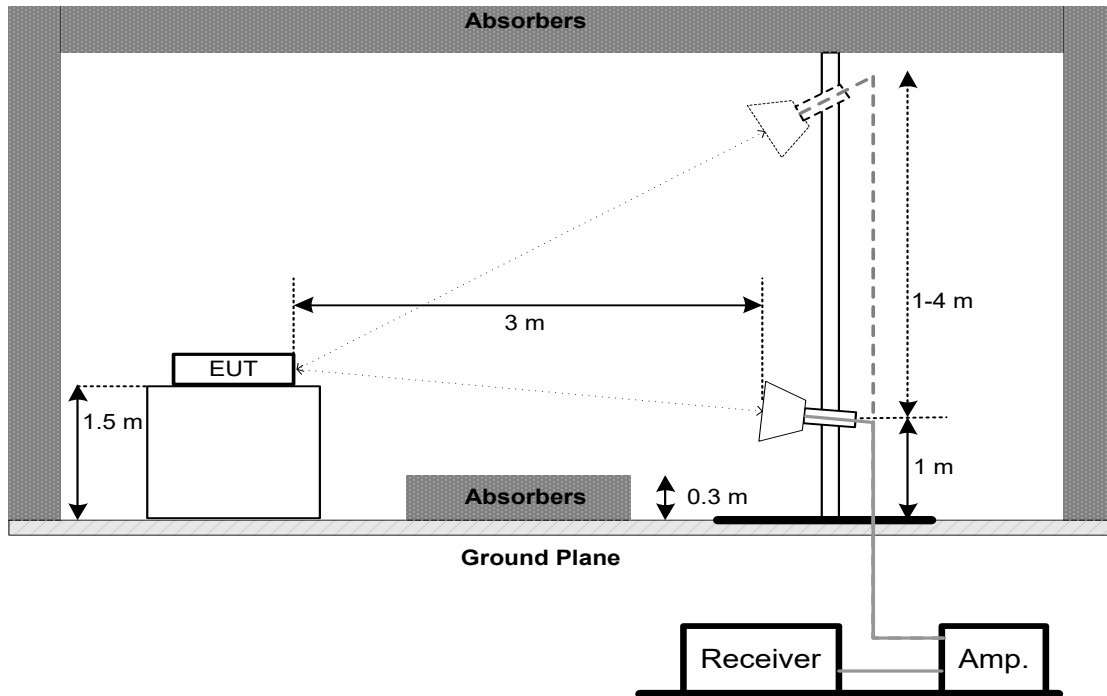
9 kHz to 30 MHz



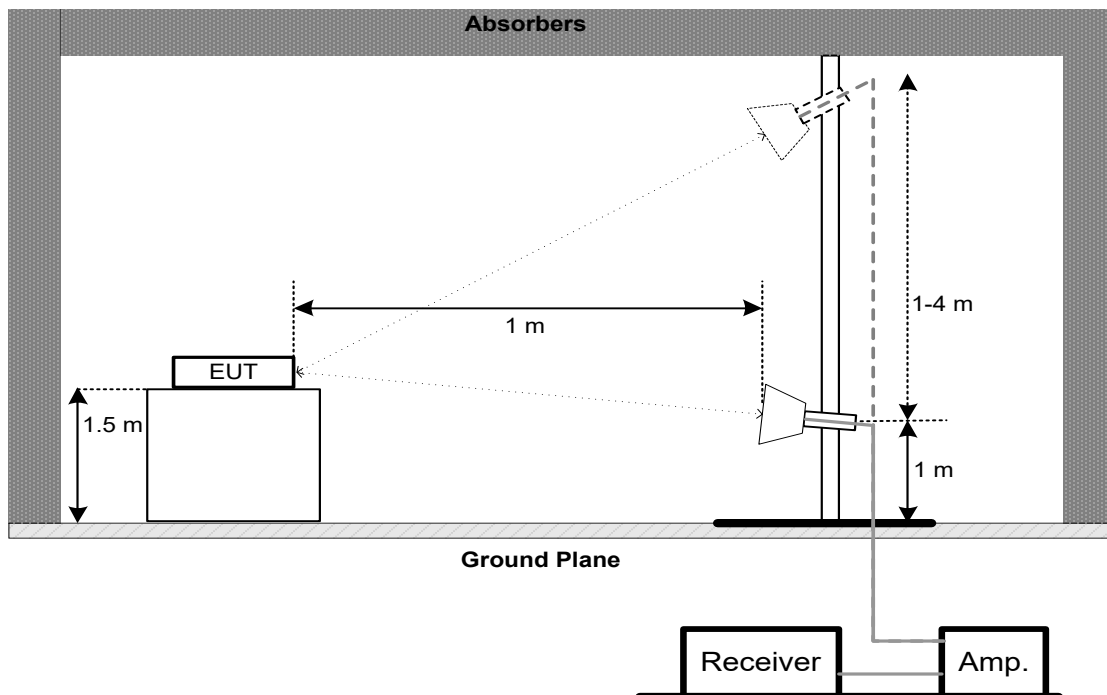
30 MHz to 1 GHz



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



Harmonic(18 GHz to 26.5 GHz)



5.5 EUT OPERATION 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.

Remark:

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

6. BANDWIDTH

6.1 LIMIT

Section	Test Item	Limit
FCC 15.247(a)(2)	6 dB Bandwidth	Minimum 500 kHz
	99% Emission Bandwidth	-

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:

For 6 dB Bandwidth:

Spectrum Parameters	Setting
Span	> Measurement Bandwidth
RBW	shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
VBW	$\geq 3 \times \text{RBW}$
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span	Between 1.5 times and 5.0 times the OBW
RBW	300 kHz For 20MHz 1 MHz For 40MHz
VBW	1 MHz For 20MHz 3 MHz For 40MHz
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. MAXIMUM OUTPUT POWER

7.1 LIMIT

Section	Test Item	Limit
FCC 15.247(b)(3)	Maximum Output Power	1.0000 Watt or 30.00 dBm

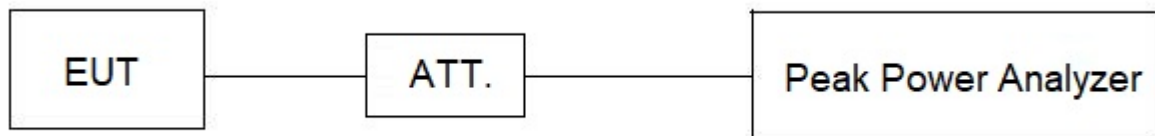
7.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2020 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

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. CONDUCTED SPURIOUS EMISSIONS

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

8.2 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:

For Reference Level:

Spectrum Parameters	Setting
Span	≥ 1.5 times the bandwidth.
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level - Band edge:

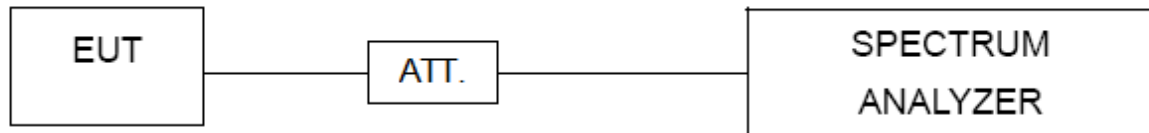
Spectrum Parameters	Setting
Start Frequency	2300 MHz
Stop Frequency	2690 MHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For Emission Level - Harmonic:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP**8.5 EUT OPERATION CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX G.

9. POWER SPECTRAL DENSITY

9.1 LIMIT

Section	Test Item	Limit
FCC 15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

9.2 TEST PROCEDURE

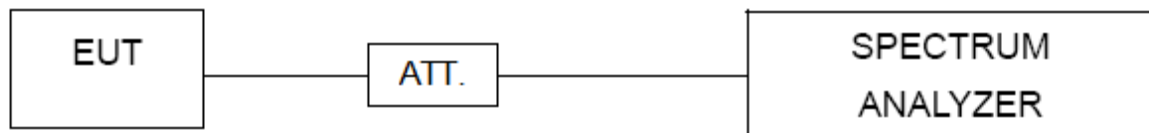
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span	1.5 times the DTS bandwidth
RBW	3 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. 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. 14, 2027
2	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2026
3	Cable	RegalWay	LMR400-NMNM-6m	N/A	Apr. 22, 2027
4	Cable	RegalWay	LMR400-NMRANM-3.5m	N/A	Apr. 22, 2027
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	CM	9*6*6	N/A	May 15, 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	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	Jul. 25, 2026
8	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
9	Positioning Controller	MF	MF-7802	N/A	N/A
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
11	966 Chamber room	CM	9*6*6	N/A	May 15, 2026

Radiated Emissions - 1 GHz - 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 AntenN/A	ETS	3115	75846	Mar. 03, 2027
4	Cable	RegalWay	RWLP50-4.0A-SMS M-12.5M	N/A	Feb. 01, 2027
5	Cable	RegalWay	RWLP50-4.0A-NM RASM-2.5M	N/A	Feb. 01, 2027
6	Cable	RegalWay	RWLP50-4.0A-NM RASMRA-0.8M	N/A	Feb. 01, 2027
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	Positioning Controller	MF	MF-7802	N/A	N/A
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
11	Filter	STI	STI15-9912	N/A	May 27, 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 AntenN/A	ETS	3116C	218942	Feb. 03, 2027
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 AN/Alyzer	Keysight	N9010A	MY55150209	Oct. 17, 2026
8	966 Chamber room	CM	9*6*6	N/A	May 15, 2026

Bandwidth & Conducted Spurious Emissions & Power Spectral Density

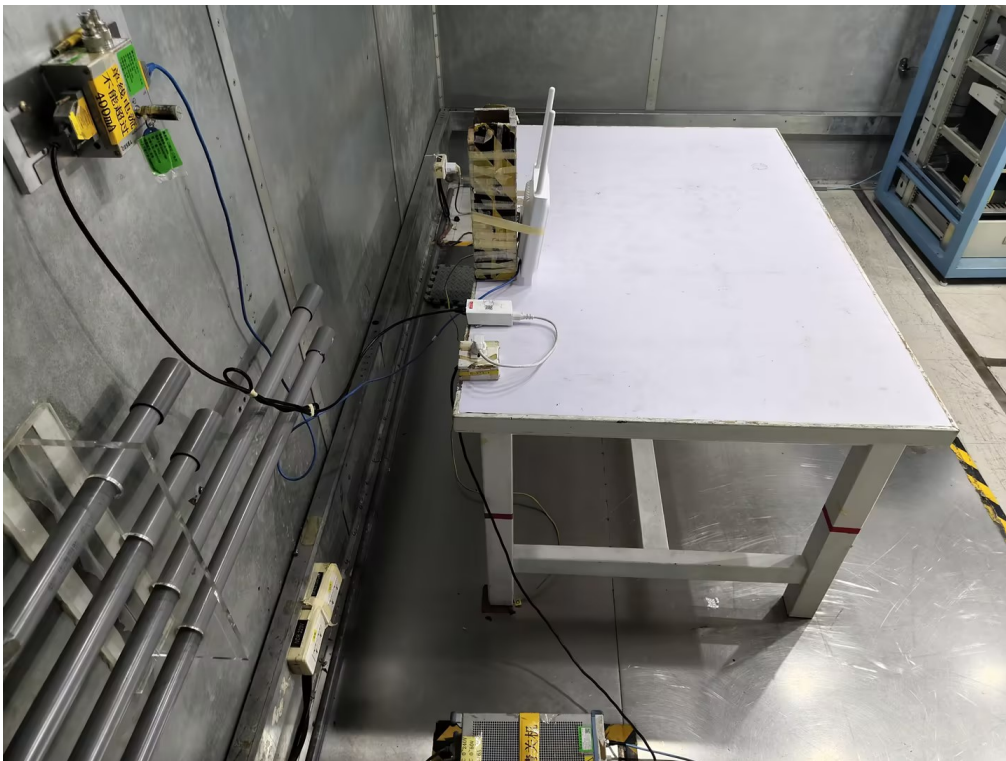
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	FSV Signal & Spectrum Analyzer	R&S	FSV3044	101682	Oct. 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

Maximum Output Power

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power AN/Alyzer	Keysight	8990B	MY51000506	Apr. 26, 2026 Apr. 25, 2027
2	Wideband power sensor	Keysight	N1923A	MY58310004	Apr. 26, 2026 Apr. 25, 2027
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

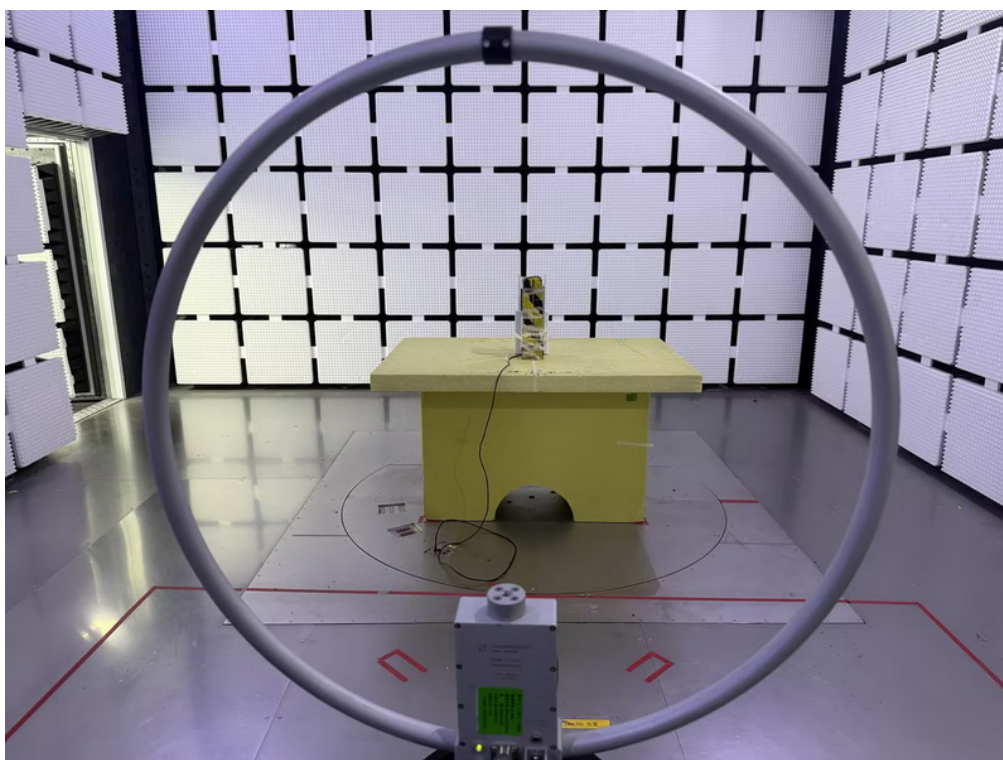
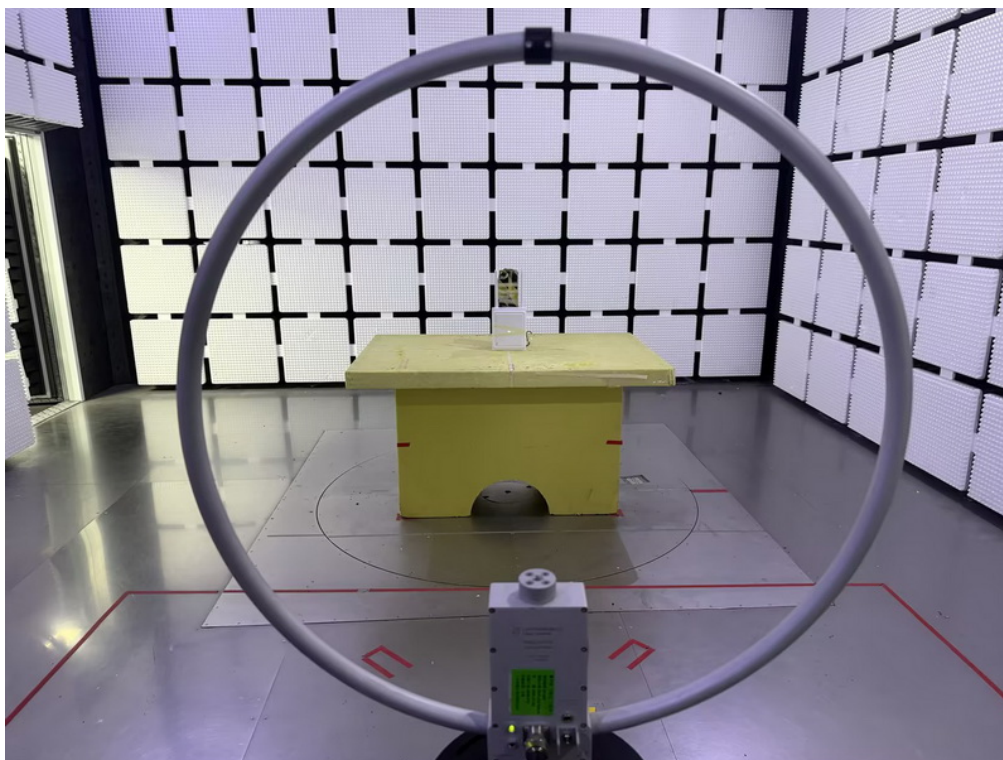
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

11. EUT TEST PHOTO**AC Power Line Conducted Emissions Test Photos**

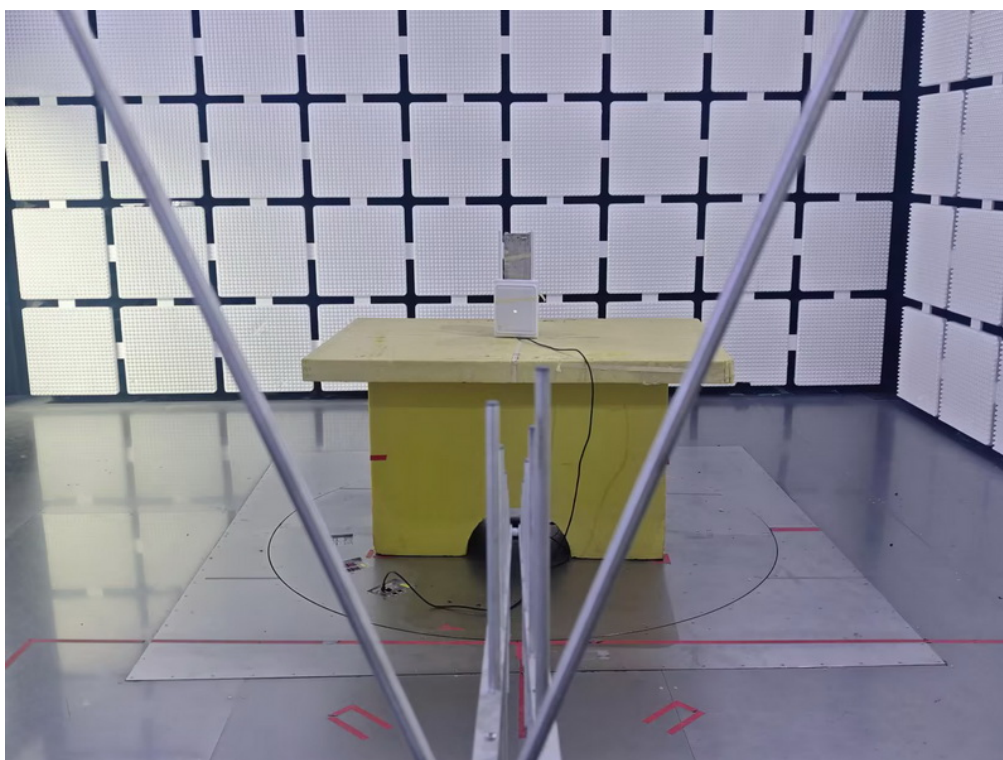
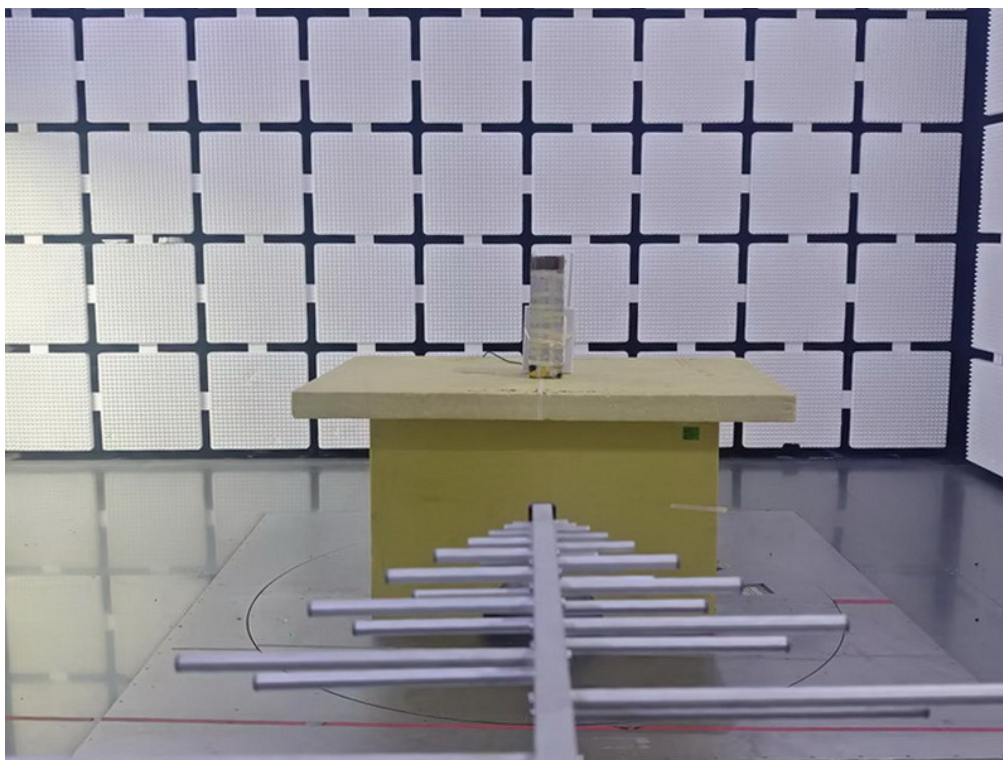
Radiated Emissions Test Photos

9 kHz to 30 MHz



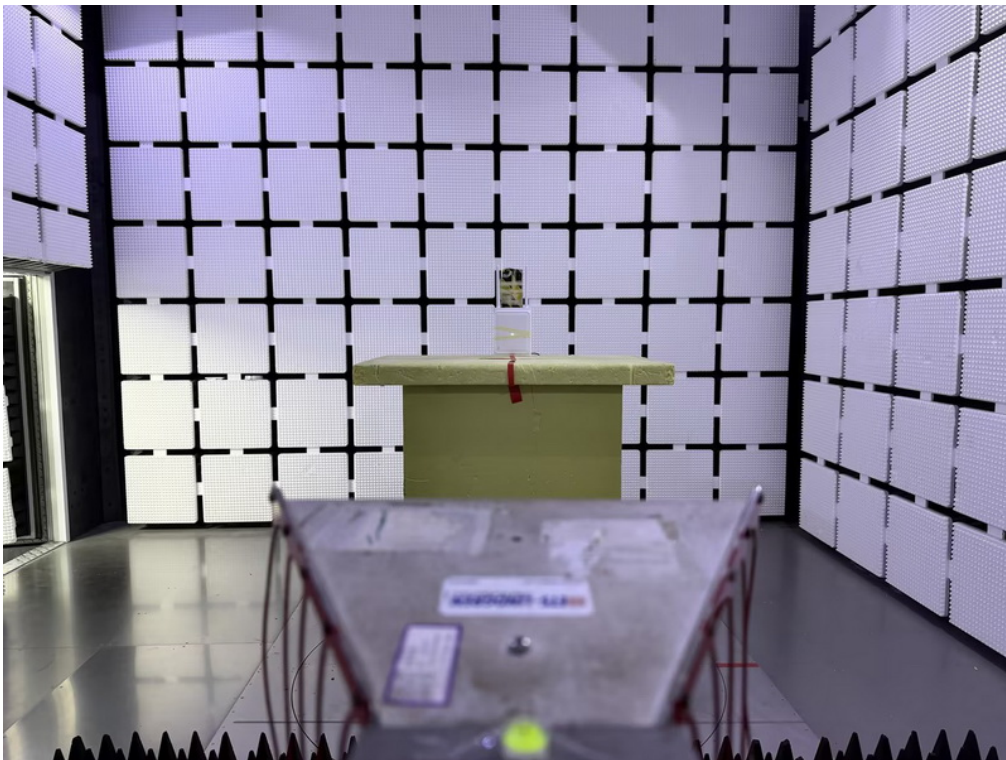
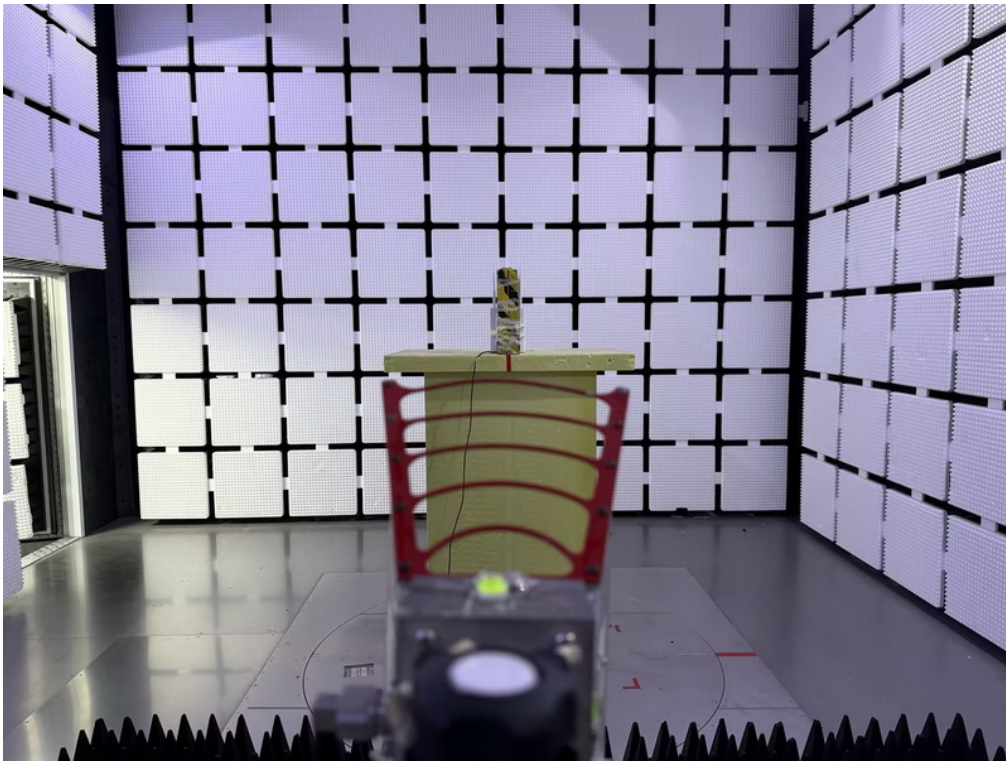
Radiated Emissions Test Photos

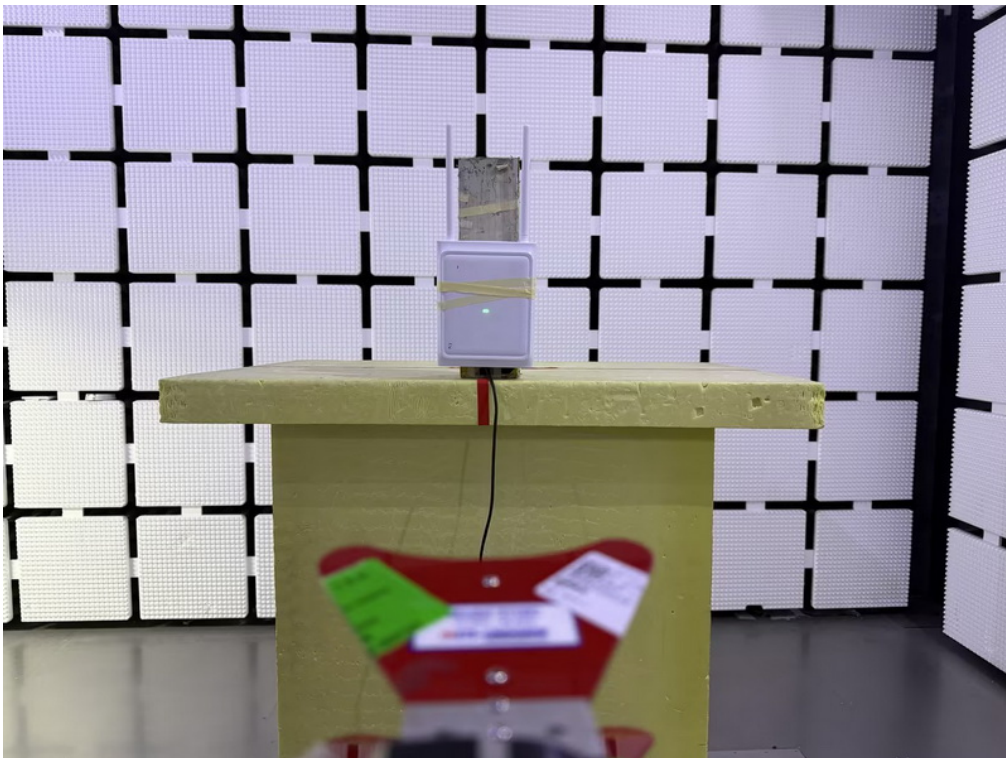
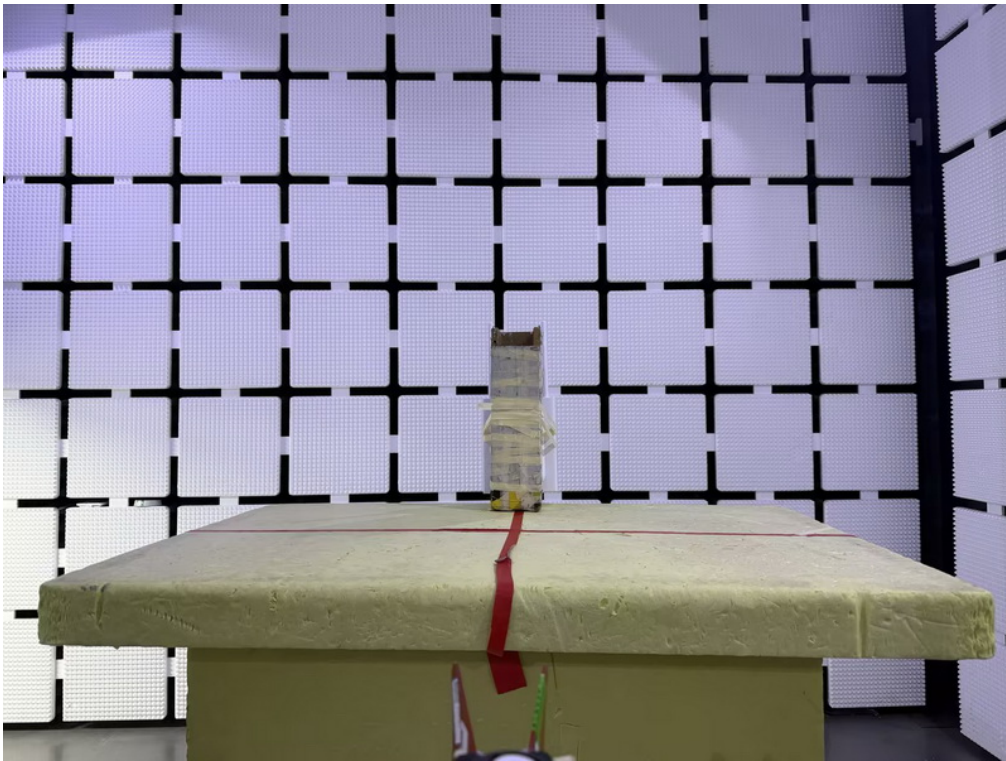
30 MHz to 1 GHz



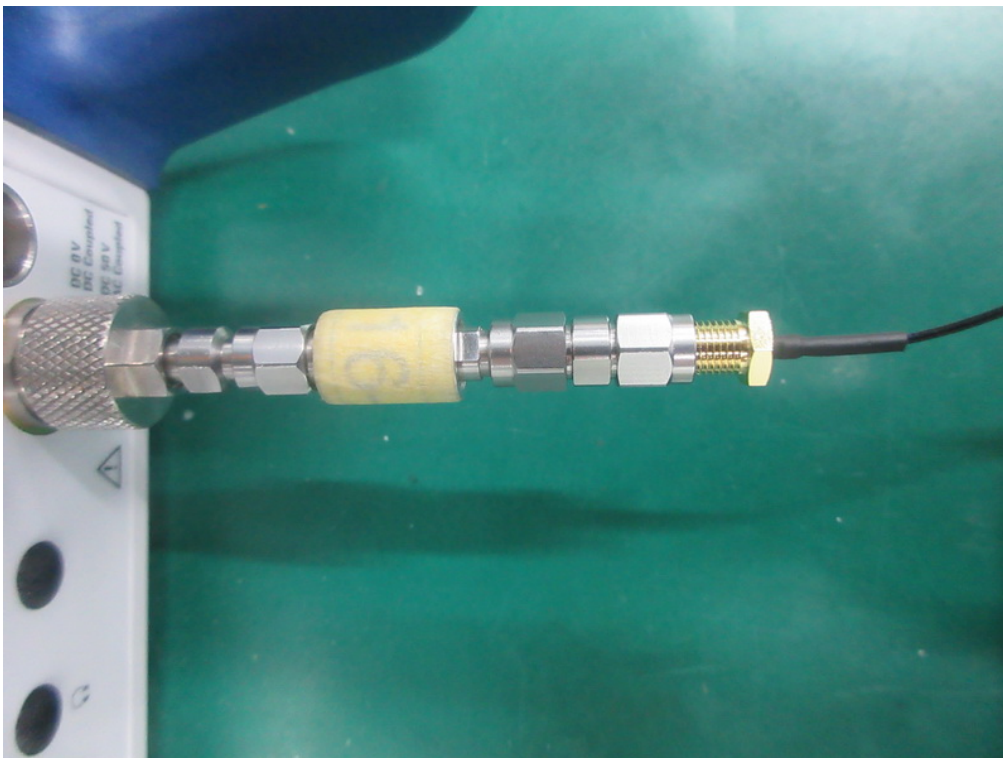
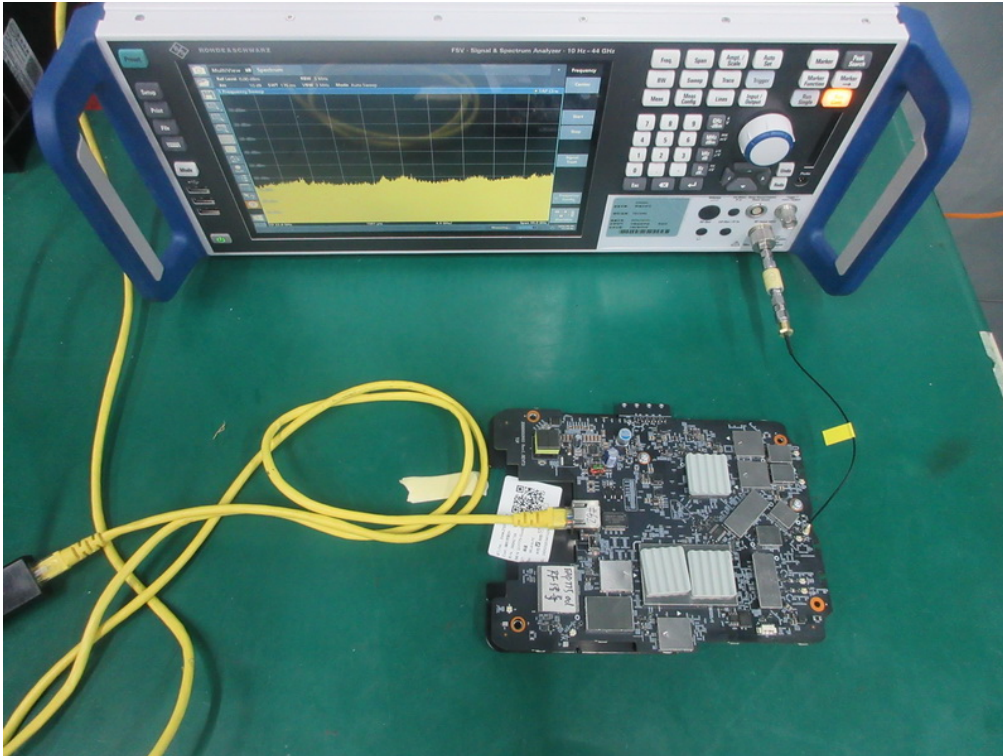
Radiated Emissions Test Photos

Band edge & Harmonic(1 GHz to 18 GHz)



Radiated Emissions Test Photos**Harmonic(18 GHz to 26.5 GHz)**

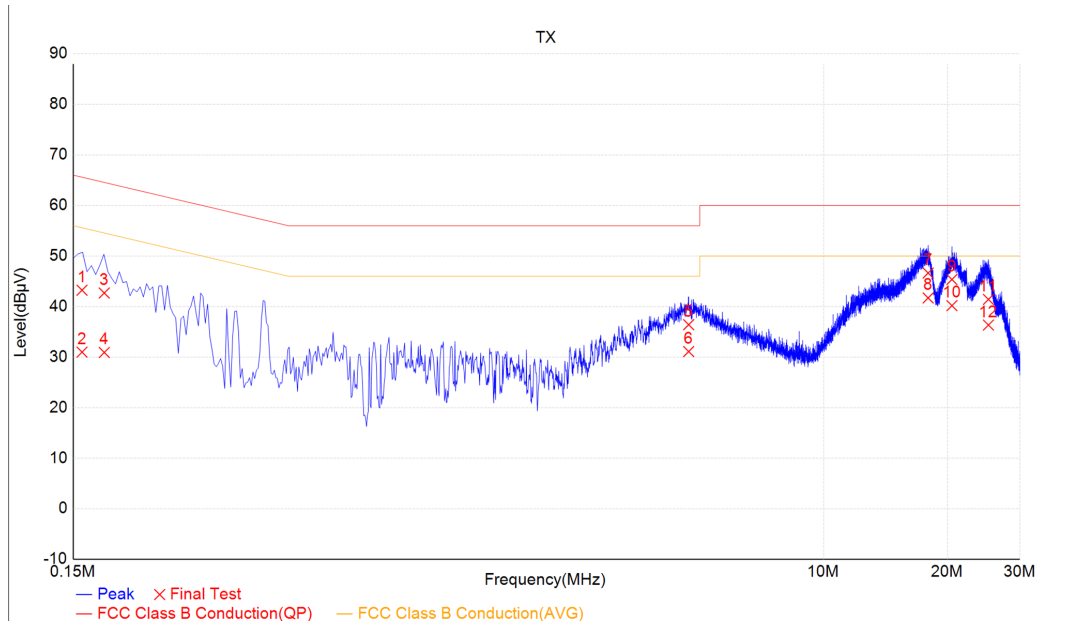
Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Omnidirectional Antenna

Test Mode	TX B Mode Channel 06	Phase	Line
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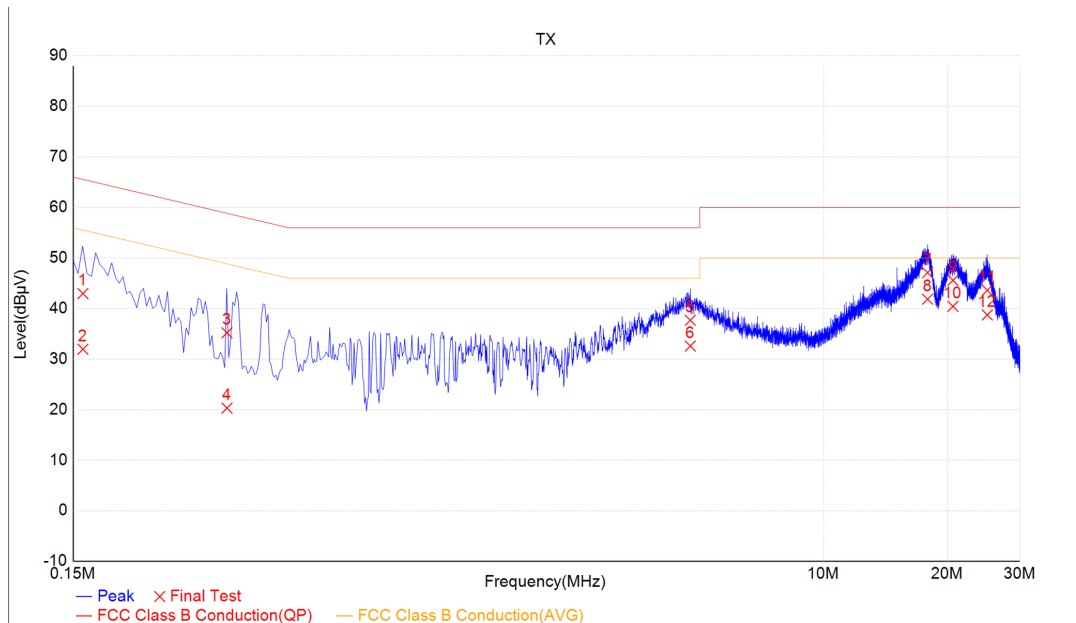
Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.1575	32.87	10.37	43.24	65.57	-22.33	QP	
	2	0.1575	20.62	10.37	30.99	55.57	-24.58	AVG	
	3	0.1784	32.3	10.38	42.69	64.58	-21.89	QP	
	4	0.1784	20.53	10.38	30.92	54.58	-23.66	AVG	
	5	4.6977	25.36	11.06	36.42	56	-19.58	QP	
	6	4.6977	20.04	11.06	31.1	46	-14.9	AVG	
	7	17.95	32.78	13.86	46.64	60	-13.36	QP	
*	8	17.95	27.85	13.86	41.71	50	-8.29	AVG	
	9	20.5021	30.9	14.45	45.36	60	-14.64	QP	
	10	20.5021	25.73	14.45	40.19	50	-9.81	AVG	
	11	25.1497	26.27	15.15	41.42	60	-18.58	QP	
	12	25.1497	21.2	15.15	36.35	50	-13.65	AVG	

REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

Test Mode	TX B Mode Channel 06	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	0.1583	32.55	10.42	42.97	65.57	-22.6	QP	
	2	0.1583	21.54	10.42	31.96	55.57	-23.61	AVG	
	3	0.3545	24.71	10.49	35.2	58.87	-23.67	QP	
	4	0.3545	9.82	10.49	20.31	48.87	-28.56	AVG	
	5	4.7418	26.55	11.14	37.69	56	-18.31	QP	
	6	4.7418	21.45	11.14	32.59	46	-13.41	AVG	
	7	17.8896	33.04	14.05	47.1	60	-12.9	QP	
*	8	17.8896	27.81	14.05	41.86	50	-8.14	AVG	
	9	20.6217	30.9	14.68	45.58	60	-14.42	QP	
	10	20.6217	25.75	14.68	40.44	50	-9.56	AVG	
	11	24.9941	28.28	15.32	43.6	60	-16.4	QP	
	12	24.9941	23.42	15.32	38.74	50	-11.26	AVG	

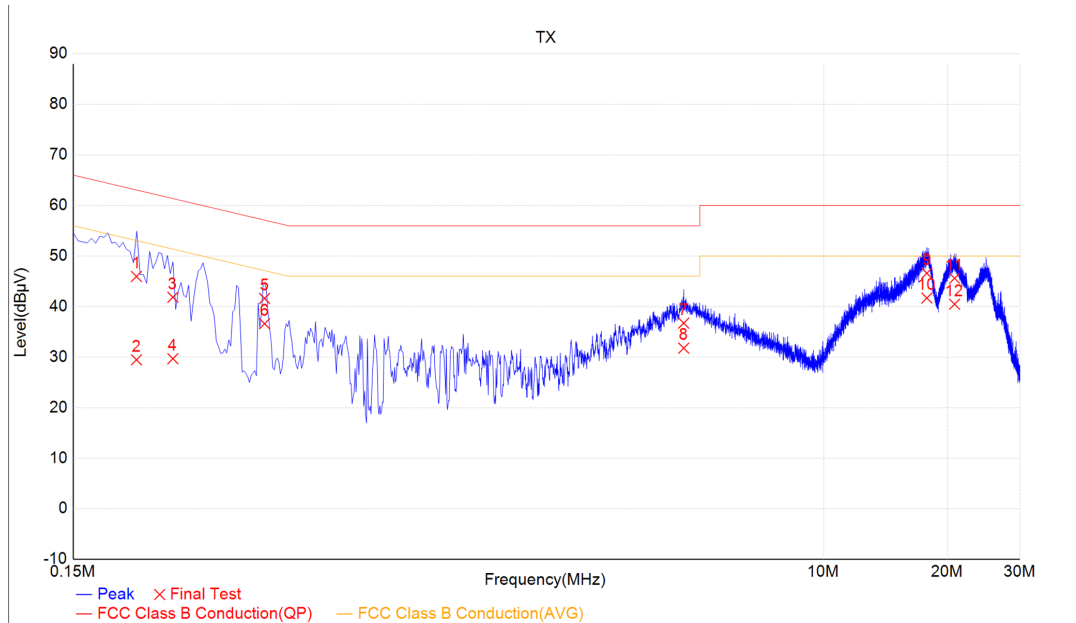
REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

Directional Antenna

Test Mode	TX BE(EHT20) Mode Channel 06	Phase	Line
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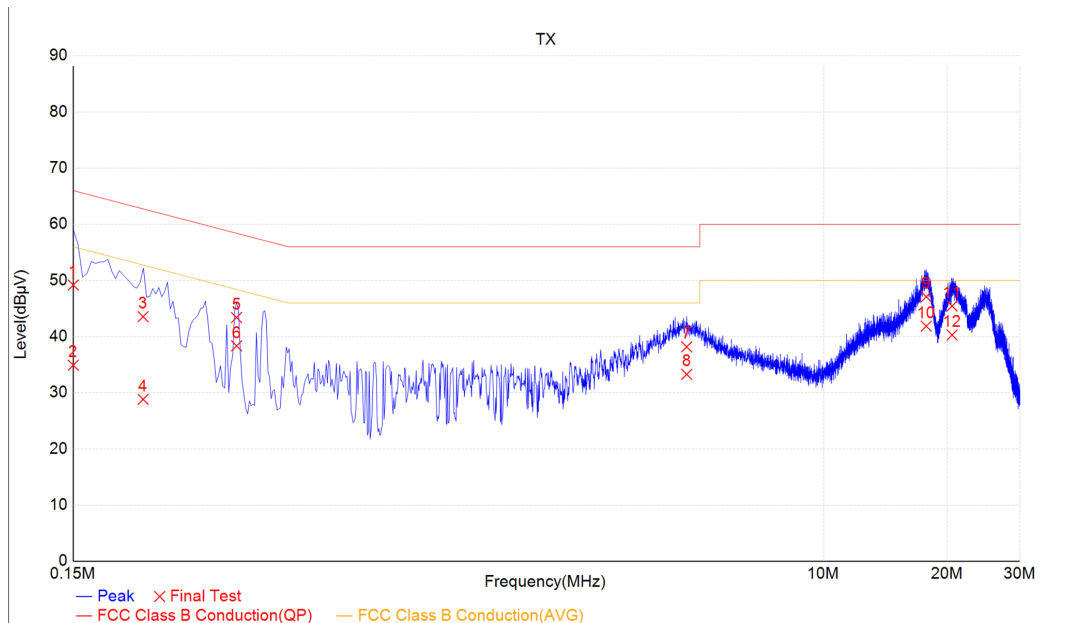
Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.2136	35.55	10.41	45.96	63.05	-17.09	QP	
	2	0.2136	19.07	10.41	29.47	53.05	-23.58	AVG	
	3	0.2619	31.42	10.43	41.85	61.37	-19.51	QP	
	4	0.2619	19.26	10.43	29.69	51.37	-21.67	AVG	
	5	0.4375	31.15	10.47	41.62	57.1	-15.48	QP	
	6	0.4375	26.14	10.47	36.61	47.1	-10.49	AVG	
	7	4.5697	25.7	11.03	36.73	56	-19.27	QP	
	8	4.5697	20.76	11.03	31.78	46	-14.22	AVG	
	9	17.8177	32.78	13.83	46.61	60	-13.39	QP	
*	10	17.8177	27.86	13.83	41.69	50	-8.31	AVG	
	11	20.81	31.1	14.5	45.6	60	-14.4	QP	
	12	20.81	25.97	14.5	40.47	50	-9.53	AVG	

REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

Test Mode	TX BE(EHT20) Mode Channel 06	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	0.15	38.79	10.42	49.2	66	-16.8	QP	
	2	0.15	24.51	10.42	34.92	56	-21.08	AVG	
	3	0.2217	33.11	10.45	43.56	62.74	-19.18	QP	
	4	0.2217	18.4	10.45	28.84	52.74	-23.9	AVG	
	5	0.3741	32.92	10.49	43.41	58.41	-15	QP	
	6	0.3741	27.88	10.49	38.36	48.41	-10.05	AVG	
	7	4.6459	27.08	11.11	38.19	56	-17.81	QP	
	8	4.6459	22.19	11.11	33.3	46	-12.7	AVG	
	9	17.7579	33.09	14.02	47.11	60	-12.89	QP	
*	10	17.7579	27.85	14.02	41.87	50	-8.13	AVG	
	11	20.5218	30.81	14.67	45.47	60	-14.53	QP	
	12	20.5218	25.63	14.67	40.3	50	-9.7	AVG	

REMARKS:

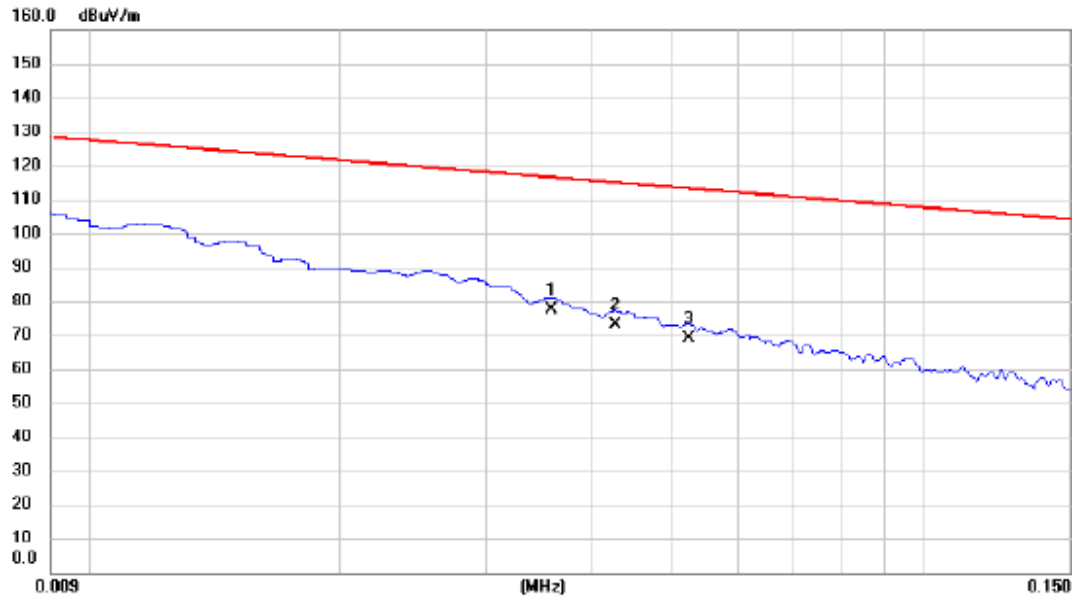
(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Omnidirectional Antenna

Test Mode	TX B Mode Channel 06	Polarization	Ant 0°
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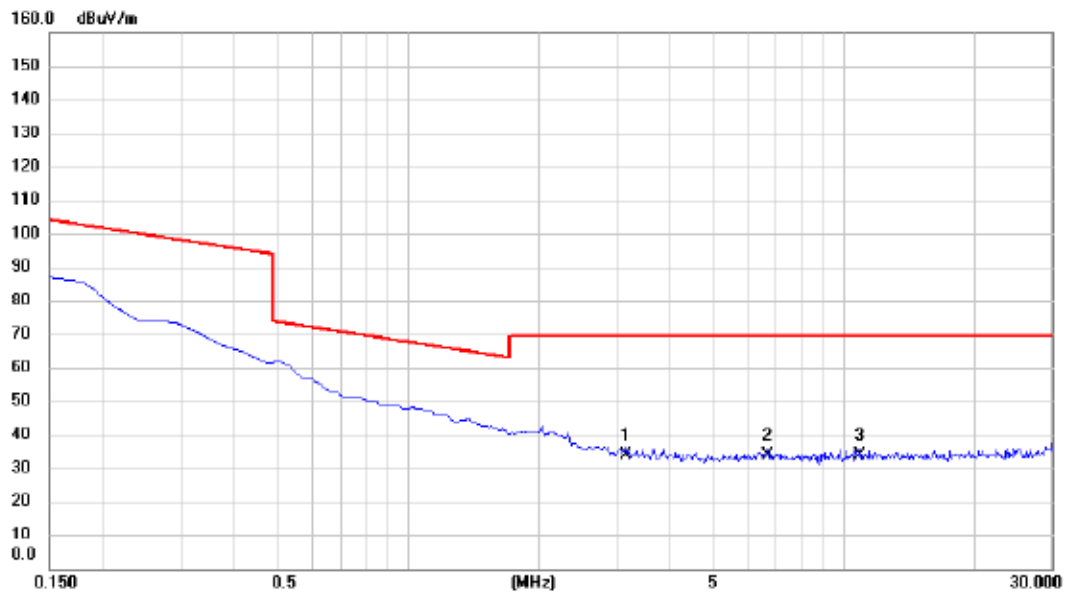
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.036	56.71	20.58	77.29	116.53	-39.24	AVG	
2		0.043	52.36	20.61	72.97	115.00	-42.03	AVG	
3		0.052	48.29	20.64	68.93	113.23	-44.30	AVG	

REMARKS:

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

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 0°
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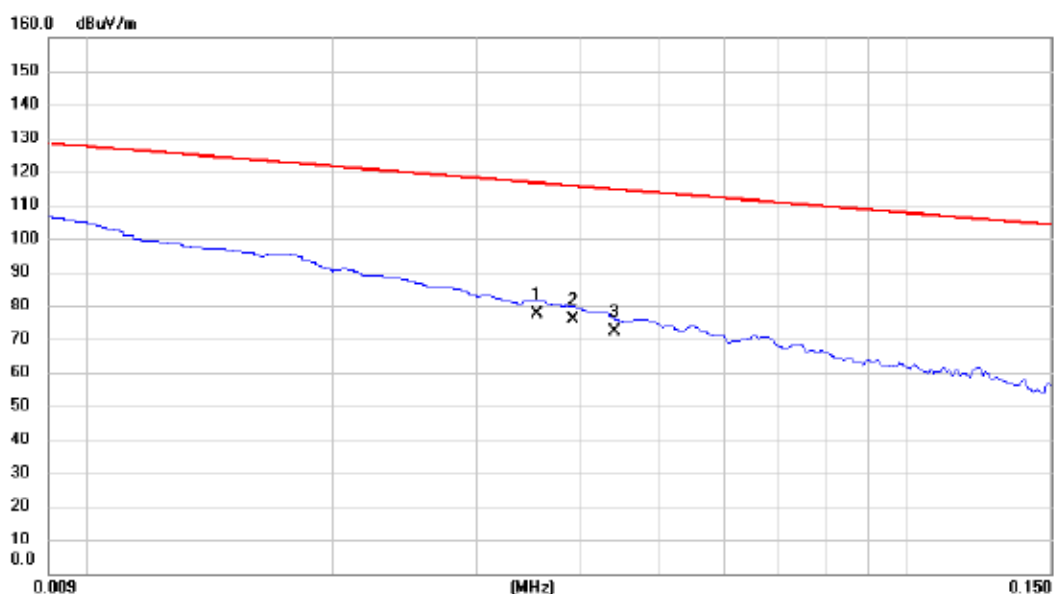
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		3.165	13.27	20.34	33.61	69.54	-35.93	QP	
2	*	6.687	13.59	20.39	33.98	69.54	-35.56	QP	
3		10.866	13.52	20.46	33.98	69.54	-35.56	QP	

REMARKS:

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

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 90°
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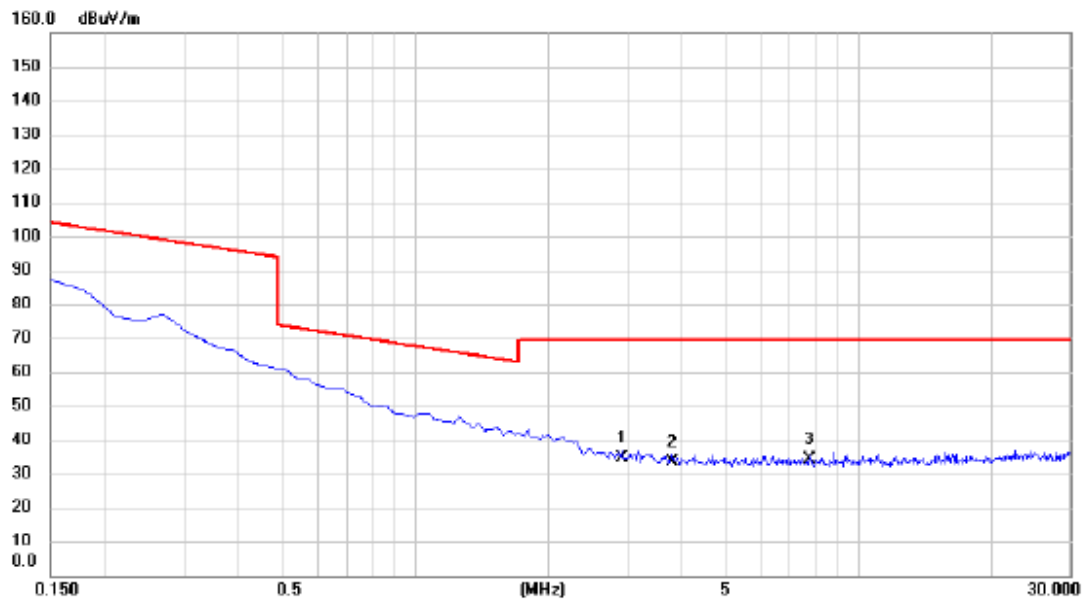


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.035	56.74	20.58	77.32	116.60	-39.28	AVG	
2	0.039	55.31	20.60	75.91	115.74	-39.83	AVG	
3	0.044	51.49	20.62	72.11	114.72	-42.61	AVG	

REMARKS:

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

Test Mode	TX B Mode Channel 06	Polarization	Ant 90°
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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	*	2.926	14.39	20.34	34.73	69.54	-34.81	QP	
2		3.792	13.25	20.34	33.59	69.54	-35.95	QP	
3		7.762	13.71	20.46	34.17	69.54	-35.37	QP	

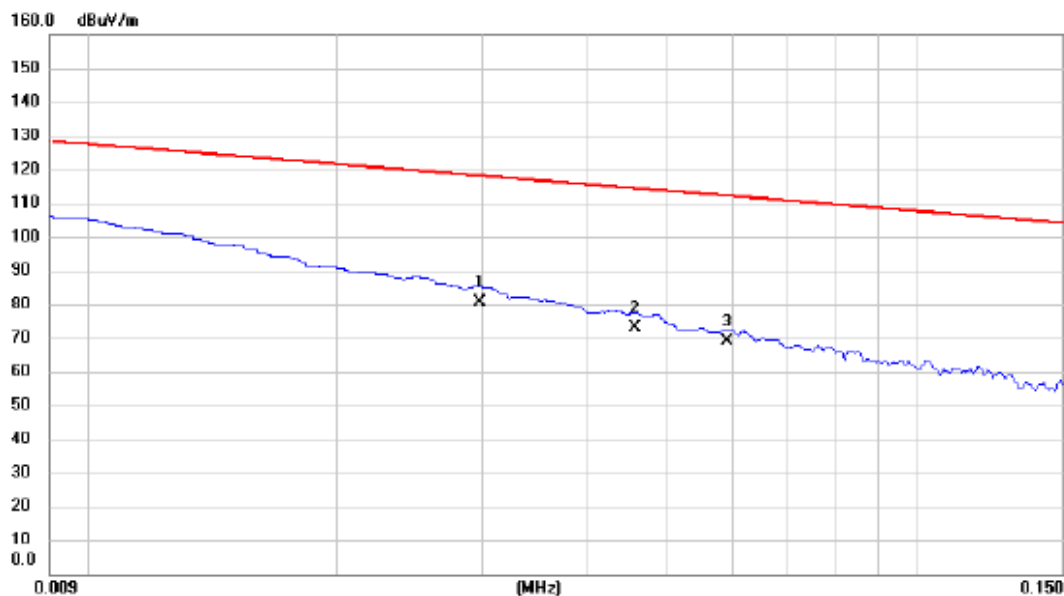
REMARKS:

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

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

Directional Antenna

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Ant 0°
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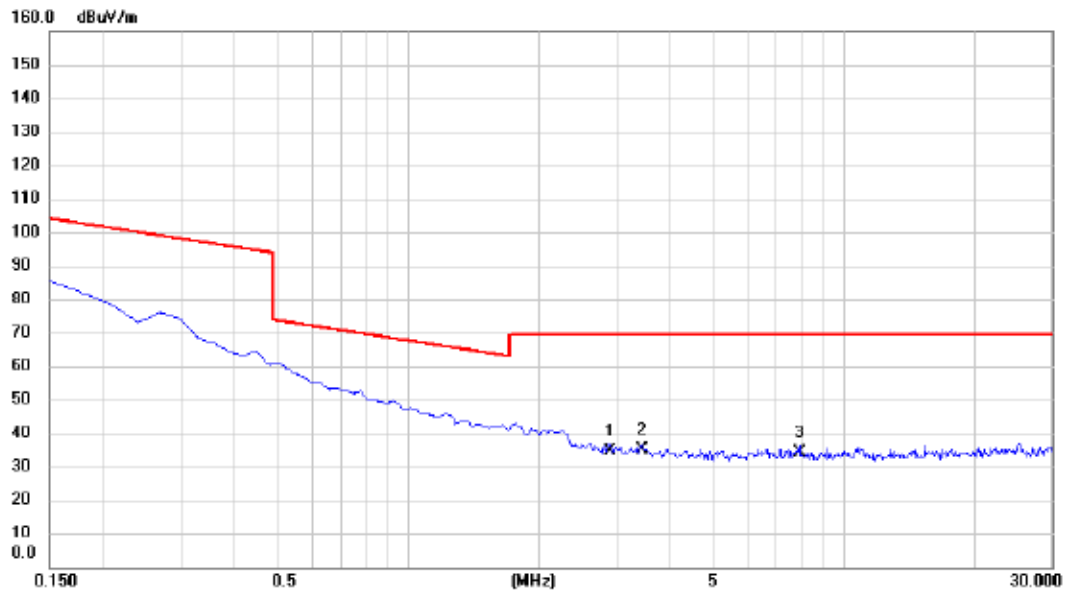


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.030	60.23	20.55	80.78	118.15	-37.37	AVG	
2		0.046	52.47	20.63	73.10	114.41	-41.31	AVG	
3		0.059	48.35	20.62	68.97	112.19	-43.22	AVG	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Ant 0°
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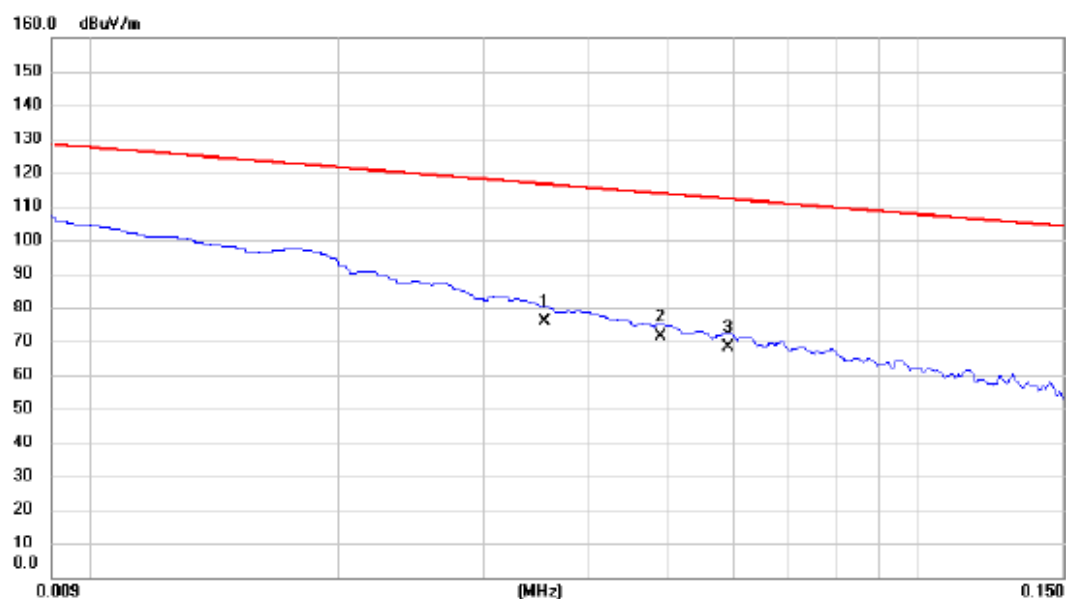
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2.896	14.29	20.34	34.63	69.54	-34.91	QP	
2 *	3.434	14.53	20.34	34.87	69.54	-34.67	QP	
3	7.911	13.72	20.48	34.20	69.54	-35.34	QP	

REMARKS:

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

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

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Ant 90°
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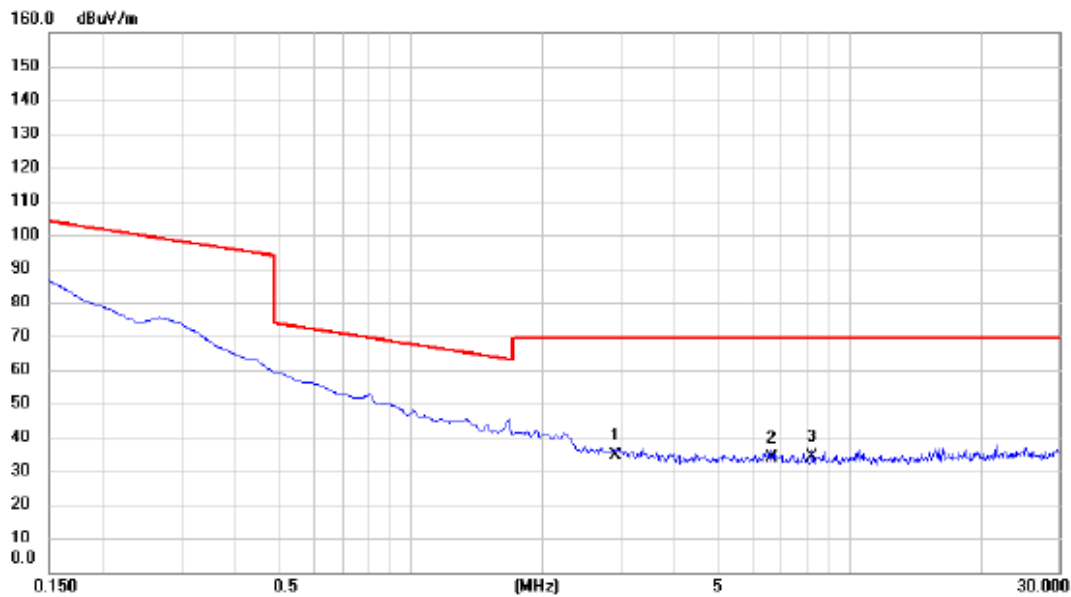


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1 *	0.035	55.14	20.58	75.72	116.60	-40.88	AVG	
2	0.049	50.87	20.65	71.52	113.80	-42.28	AVG	
3	0.059	47.62	20.62	68.24	112.19	-43.95	AVG	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Ant 90°
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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	*	2.926	14.23	20.34	34.57	69.54	-34.97	QP	
2		6.627	13.54	20.39	33.93	69.54	-35.61	QP	
3		8.209	13.79	20.48	34.27	69.54	-35.27	QP	

REMARKS:

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

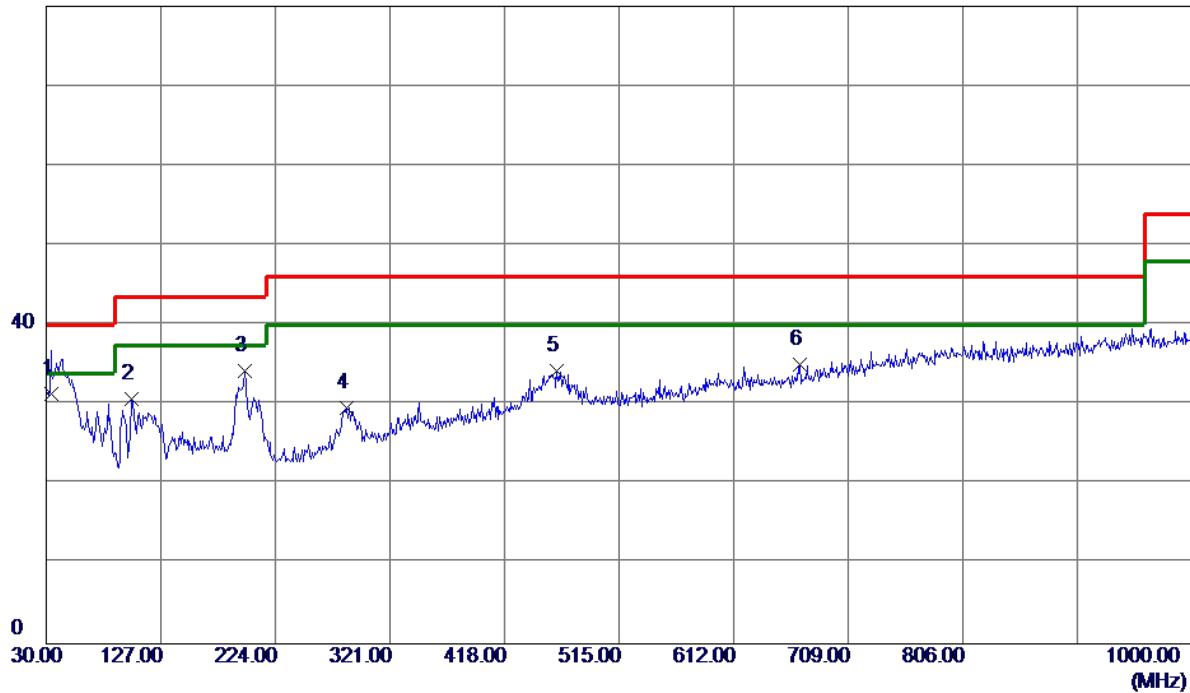
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Omnidirectional Antenna

Test Mode	TX B Mode Channel 06	Polarization	Vertical
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	43.75	-12.43	31.32	40.00	-8.68	QP	
2	101.7800	45.86	-15.16	30.70	43.52	-12.82	Peak	
3	197.8100	47.59	-13.38	34.21	43.52	-9.31	Peak	
4	284.1400	39.82	-10.17	29.65	46.02	-16.37	Peak	
5	462.6200	40.11	-5.89	34.22	46.02	-11.80	Peak	
6	668.2600	37.63	-2.54	35.09	46.02	-10.93	Peak	

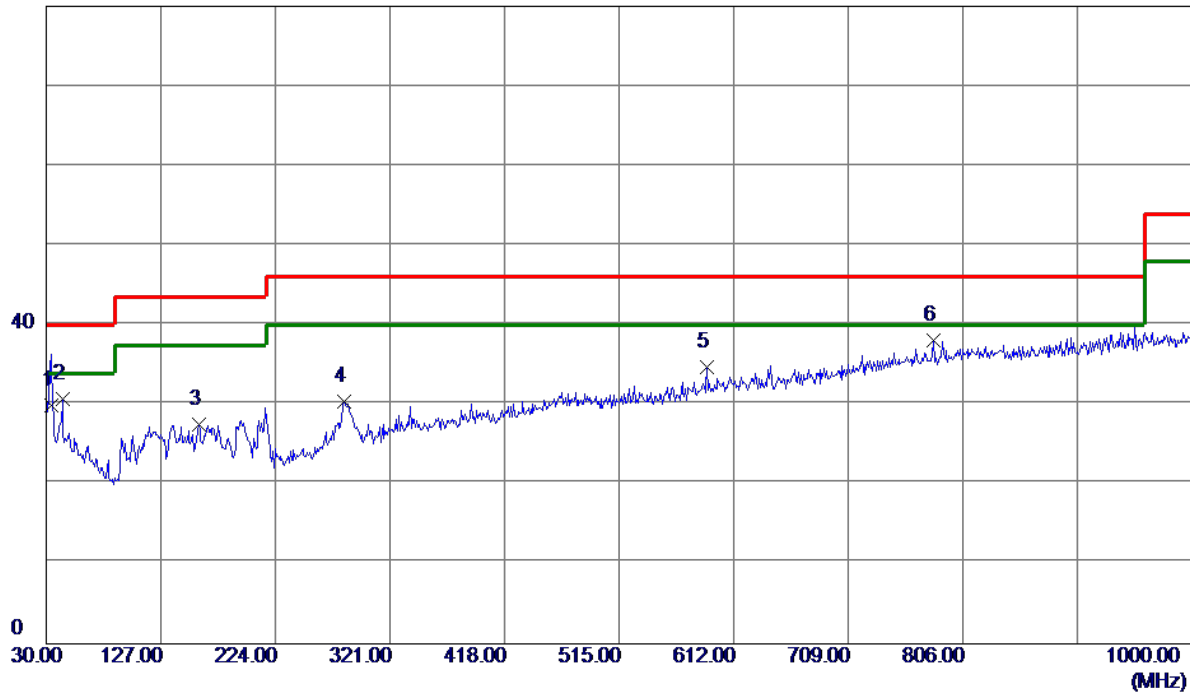
REMARKS:

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

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

Test Mode	TX B Mode Channel 06	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	33.8800	42.37	-12.43	29.94	40.00	-10.06	QP	
2	43.5800	42.12	-11.41	30.71	40.00	-9.29	Peak	
3	159.0100	38.18	-10.67	27.51	43.52	-16.01	Peak	
4	282.2000	40.56	-10.22	30.34	46.02	-15.68	Peak	
5	589.6900	38.21	-3.42	34.79	46.02	-11.23	Peak	
6 *	780.7800	38.59	-0.54	38.05	46.02	-7.97	Peak	

REMARKS:

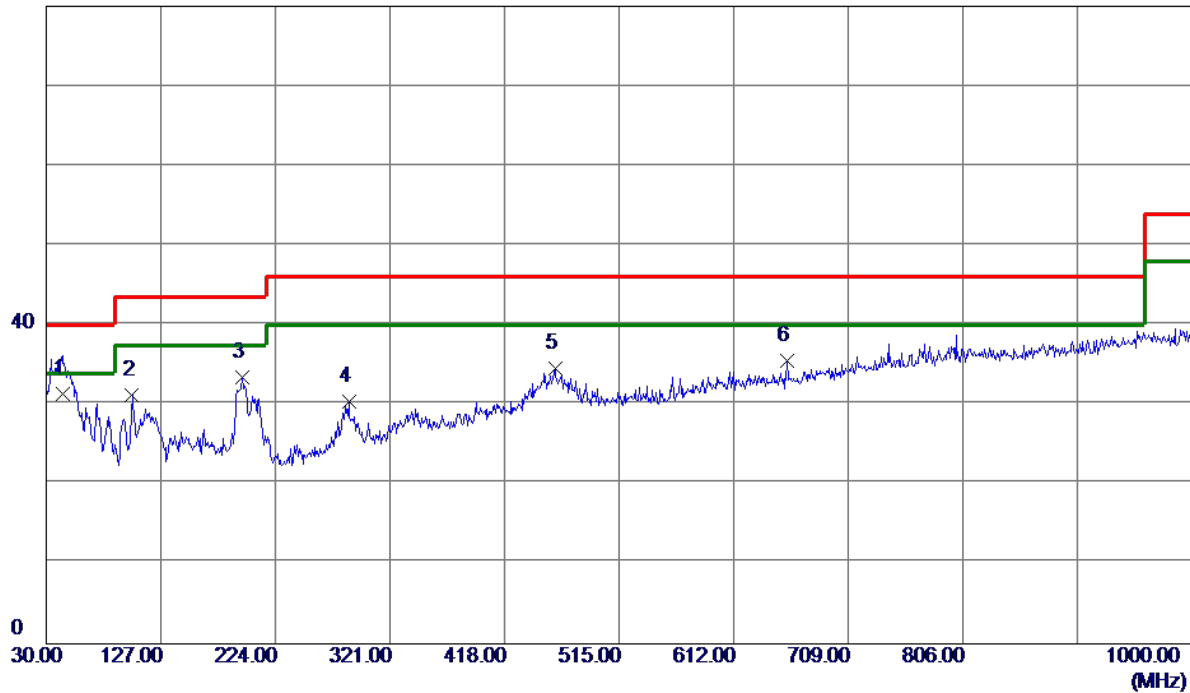
(1) Measurement Value = Reading Level + Correct Factor.

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

Directional Antenna

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Vertical
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	43.5800	42.70	-11.41	31.29	40.00	-8.71	QP	
2	102.7500	46.30	-15.04	31.26	43.52	-12.26	Peak	
3	195.8700	46.60	-13.20	33.40	43.52	-10.12	Peak	
4	286.0799	40.46	-10.11	30.35	46.02	-15.67	Peak	
5	460.6800	40.49	-5.91	34.58	46.02	-11.44	Peak	
6	657.5900	38.37	-2.78	35.59	46.02	-10.43	Peak	

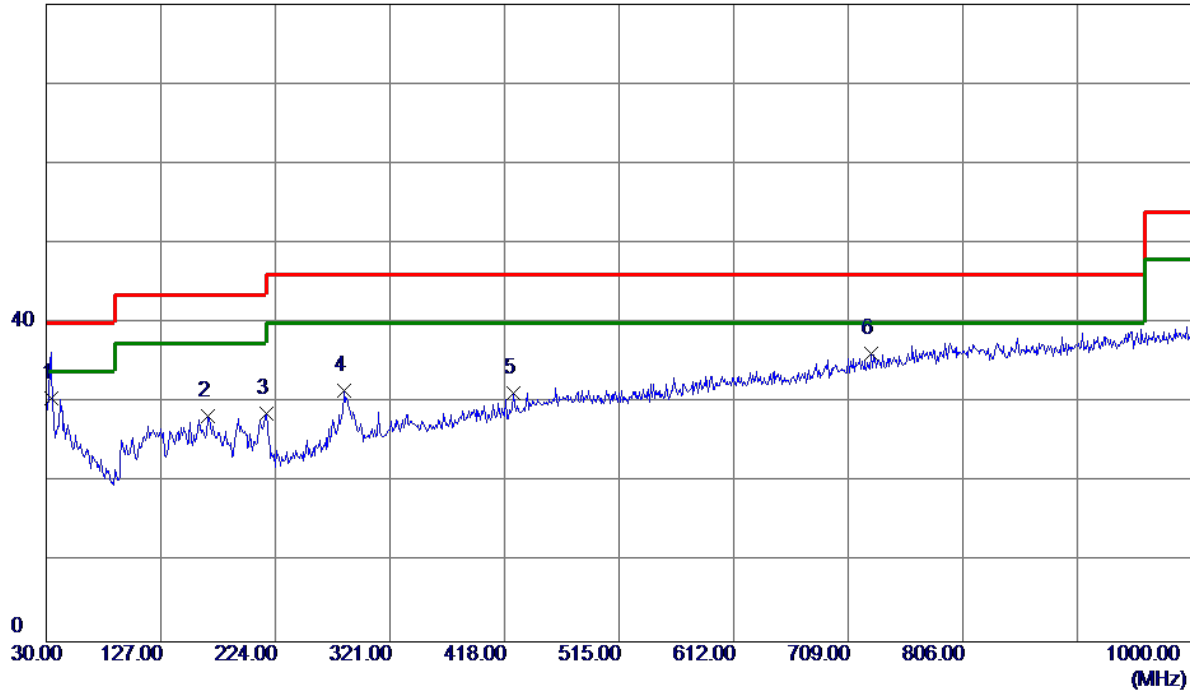
REMARKS:

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

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

Test Mode	TX BE(EHT20) Mode Channel 06	Polarization	Horizontal
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80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	43.03	-12.43	30.60	40.00	-9.40	QP	
2	166.7700	39.19	-10.82	28.37	43.52	-15.15	Peak	
3	216.2400	42.49	-13.79	28.70	46.02	-17.32	Peak	
4	282.2000	41.69	-10.22	31.47	46.02	-14.55	Peak	
5	425.7600	38.06	-6.82	31.24	46.02	-14.78	Peak	
6	728.4000	37.65	-1.46	36.19	46.02	-9.83	Peak	

REMARKS:

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

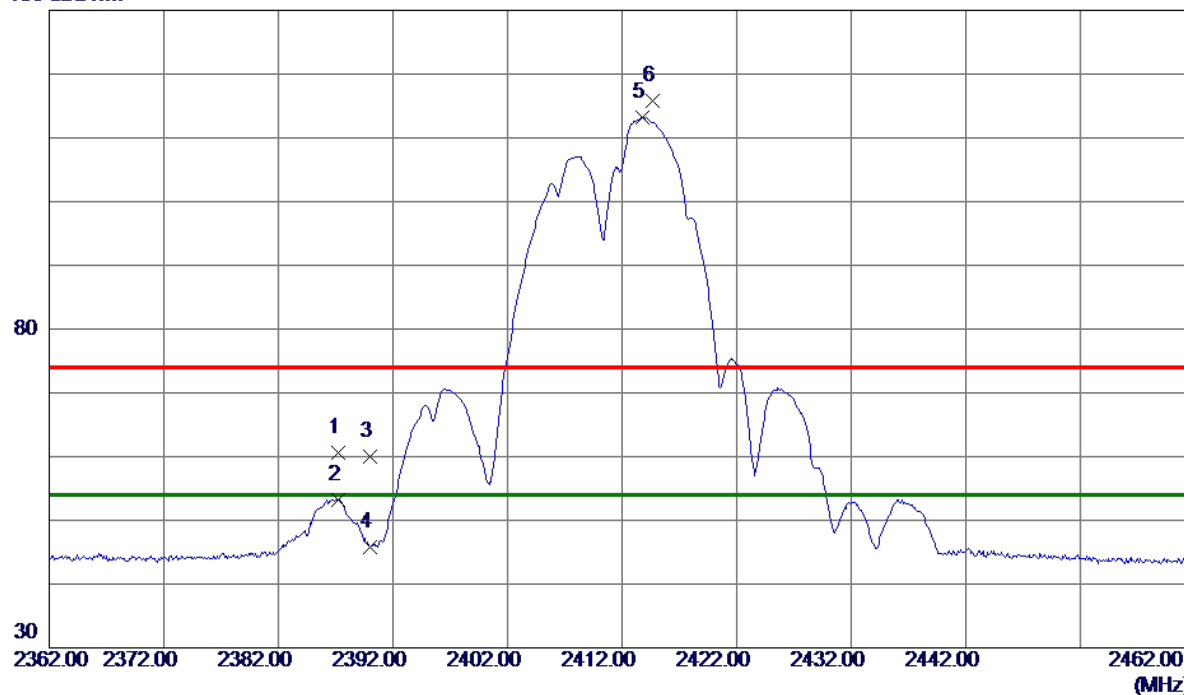
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Omnidirectional Antenna

Test Mode	TX B Mode 2412 MHz	Polarization	Vertical
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130 dBuV/m



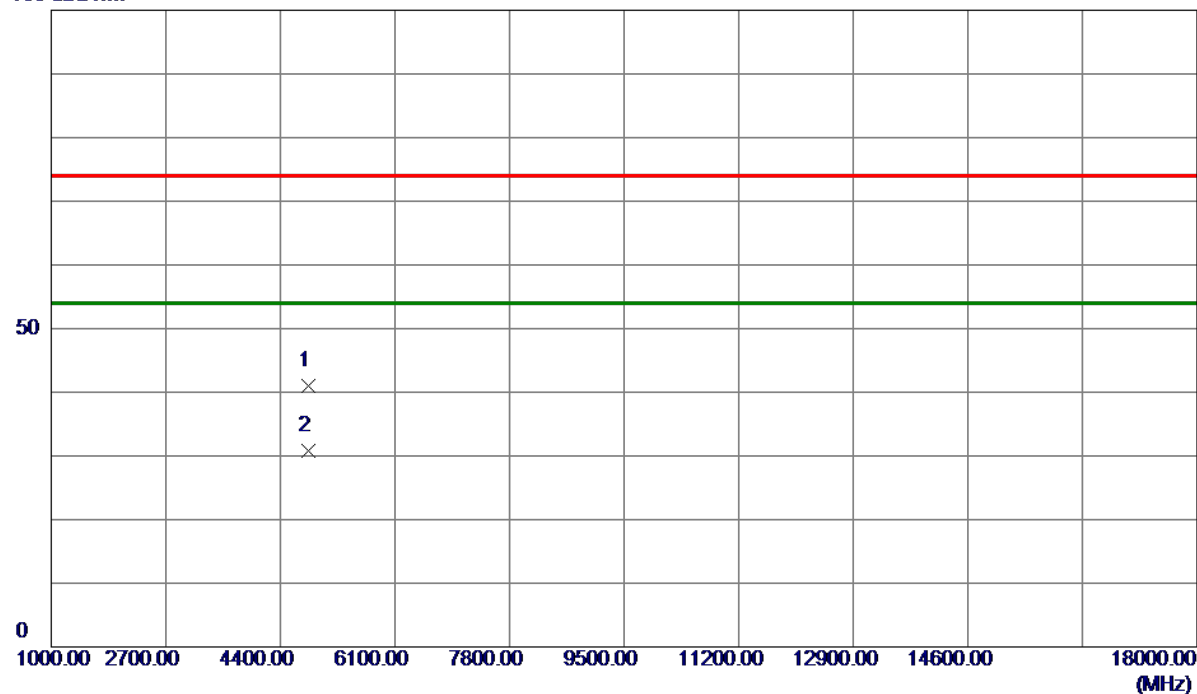
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.2000	52.47	8.05	60.52	74.00	-13.48	Peak	
2	2387.2000	45.22	8.05	53.27	54.00	-0.73	AVG	
3	2390.0000	51.99	8.05	60.04	74.00	-13.96	Peak	
4	2390.0000	37.81	8.05	45.86	54.00	-8.14	AVG	
5 *	2413.8000	105.15	8.06	113.21	54.00	59.21	AVG	No Limit
6	2414.7000	107.67	8.07	115.74	74.00	41.74	Peak	No Limit

REMARKS:

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

Test Mode	TX B Mode 2412 MHz	Polarization	Vertical
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100 dBuV/m



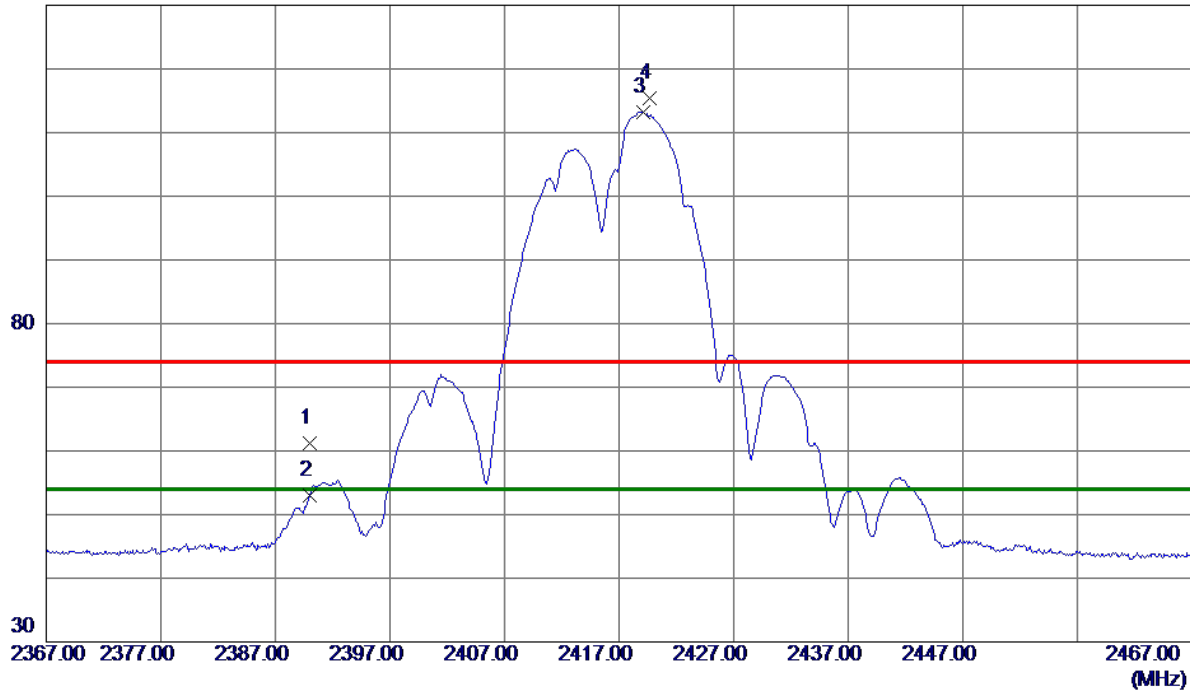
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.8550	37.62	3.41	41.03	74.00	-32.97	Peak	
2 *	4824.0000	27.37	3.41	30.78	54.00	-23.22	AVG	

REMARKS:

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

Test Mode	TX B Mode 2417 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	53.22	8.05	61.27	74.00	-12.73	Peak	
2	2390.0000	45.03	8.05	53.08	54.00	-0.92	AVG	
3 *	2419.1000	105.20	8.07	113.27	54.00	59.27	AVG	No Limit
4	2419.7000	107.34	8.07	115.41	74.00	41.41	Peak	No Limit

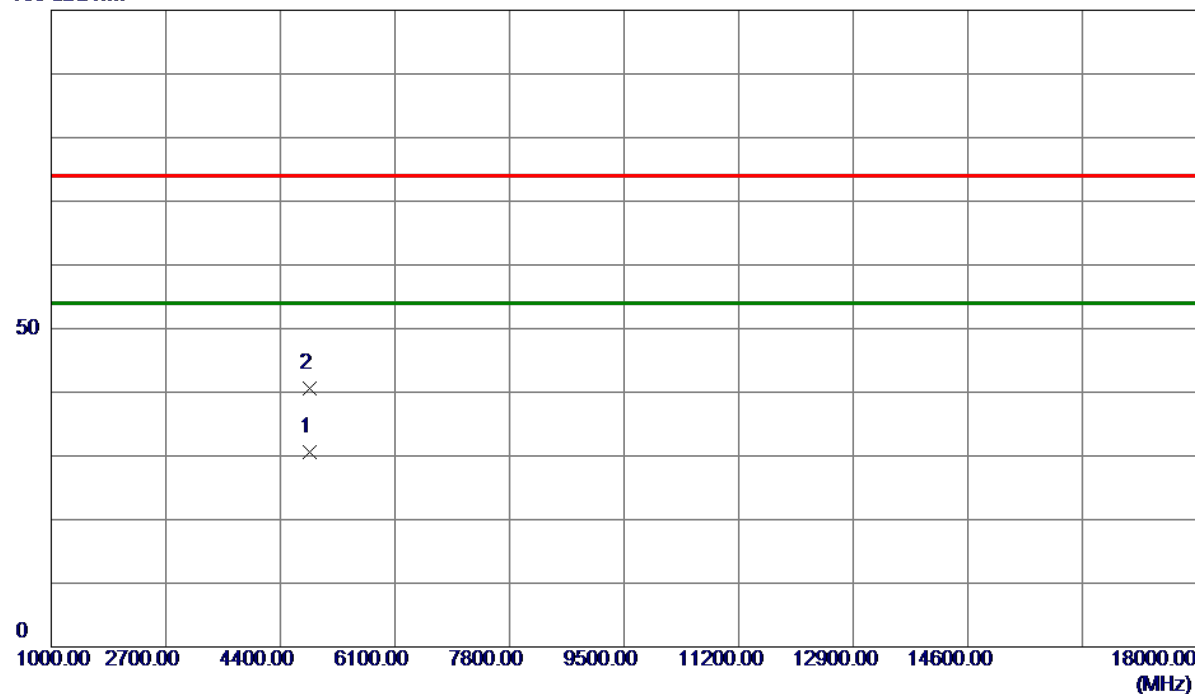
REMARKS:

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

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

Test Mode	TX B Mode 2417 MHz	Polarization	Vertical
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4833.9620	27.20	3.44	30.64	54.00	-23.36	AVG	
2	4834.9620	37.23	3.45	40.68	74.00	-33.32	Peak	

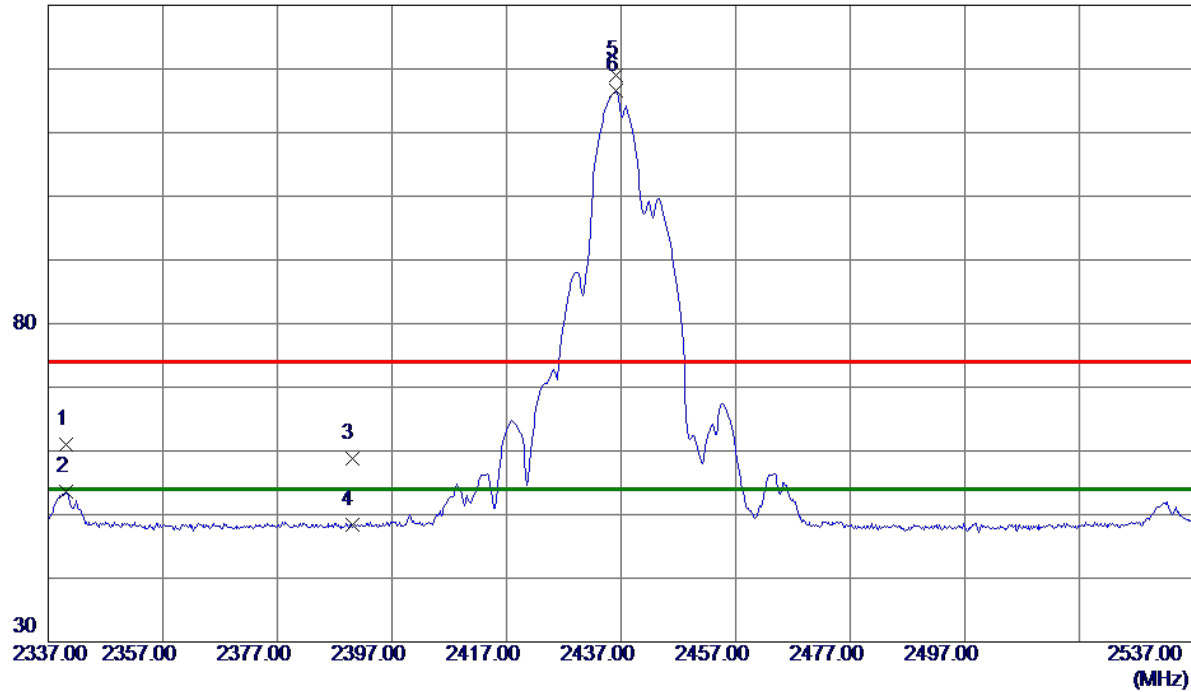
REMARKS:

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

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2340.2000	53.07	8.02	61.09	74.00	-12.91	Peak	
2	2340.2000	45.53	8.02	53.55	54.00	-0.45	AVG	
3	2390.0000	50.72	8.05	58.77	74.00	-15.23	Peak	
4	2390.0000	40.40	8.05	48.45	54.00	-5.55	AVG	
5	2436.2000	110.90	8.08	118.98	74.00	44.98	Peak	No Limit
6 *	2436.2000	108.52	8.08	116.60	54.00	62.60	AVG	No Limit

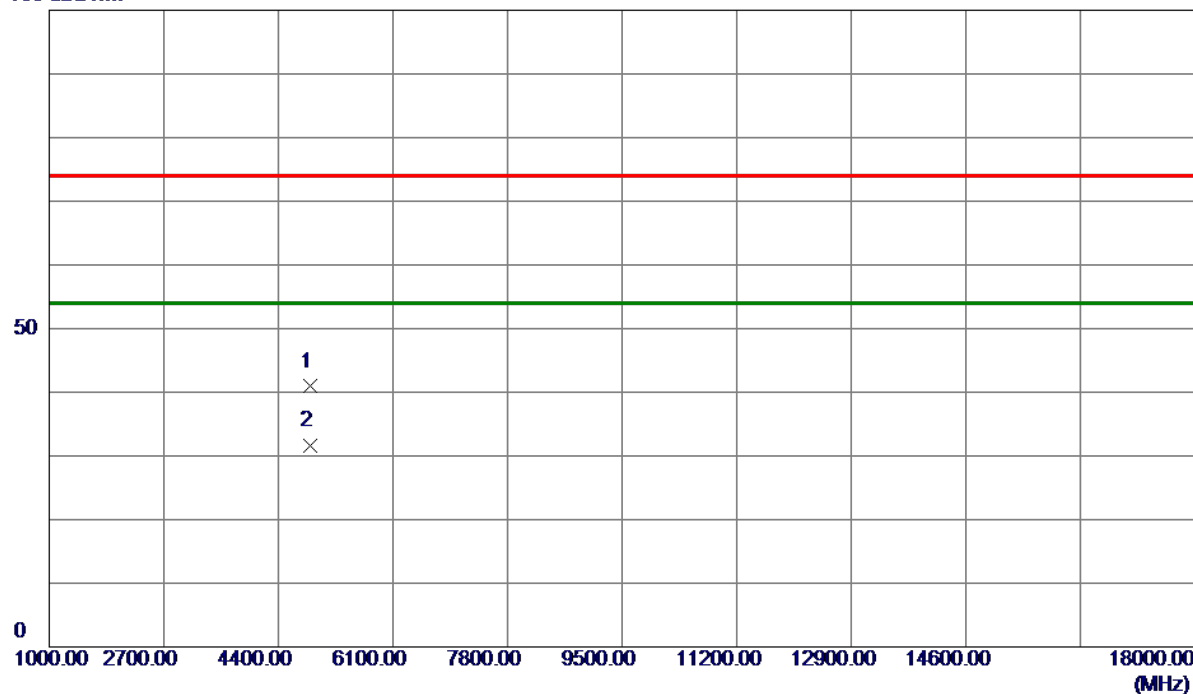
REMARKS:

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

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4874.4260	37.32	3.58	40.90	74.00	-33.10	Peak	
2 *	4874.7700	27.98	3.58	31.56	54.00	-22.44	AVG	

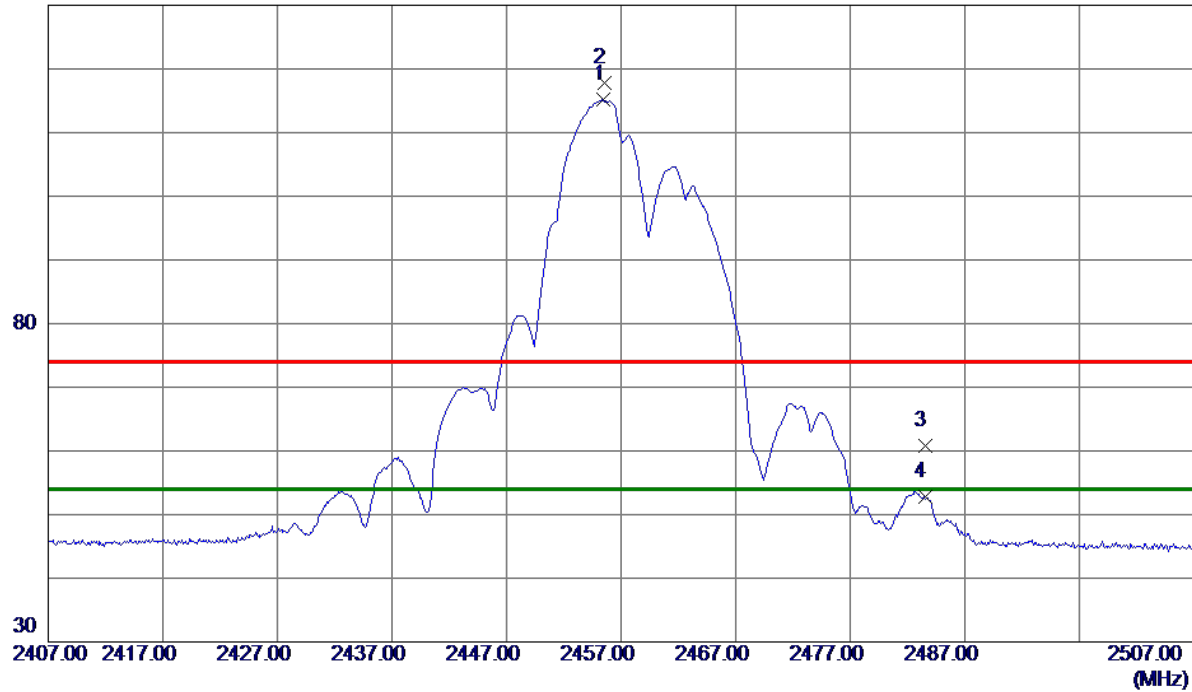
REMARKS:

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

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

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
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130 dBuV/m



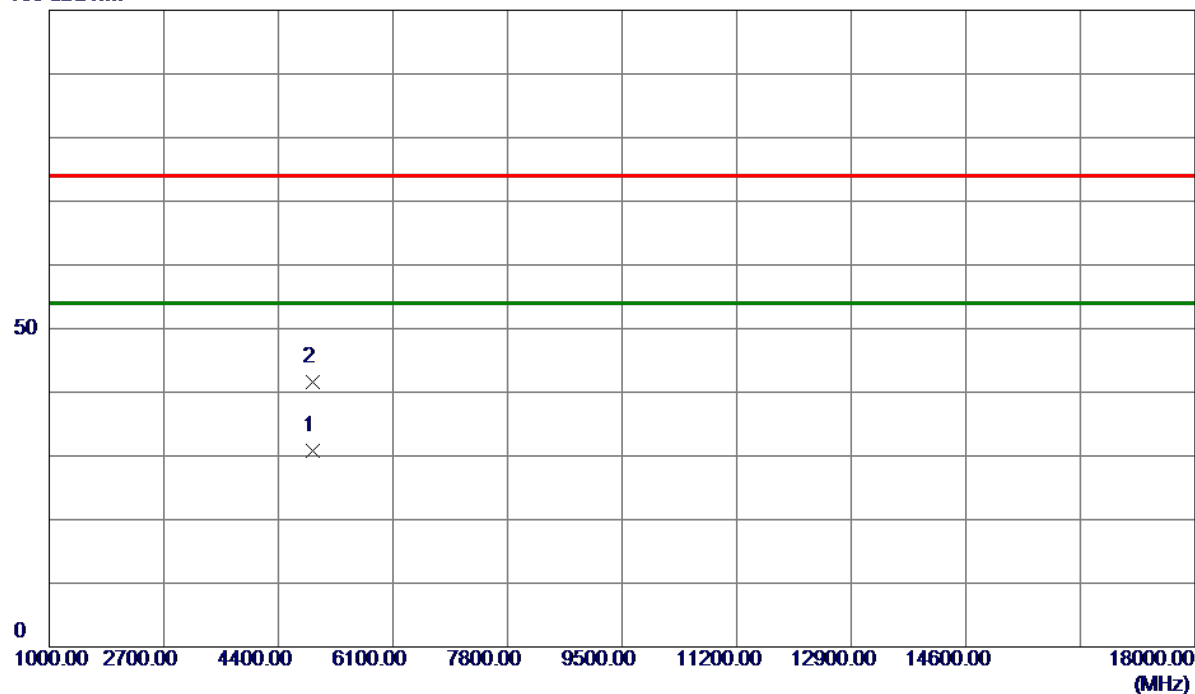
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2455.4000	107.05	8.09	115.14	54.00	61.14	AVG	No Limit
2	2455.5000	109.64	8.09	117.73	74.00	43.73	Peak	No Limit
3	2483.5000	52.63	8.11	60.74	74.00	-13.26	Peak	
4	2483.5000	44.70	8.11	52.81	54.00	-1.19	AVG	

REMARKS:

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

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
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100 dBuV/m



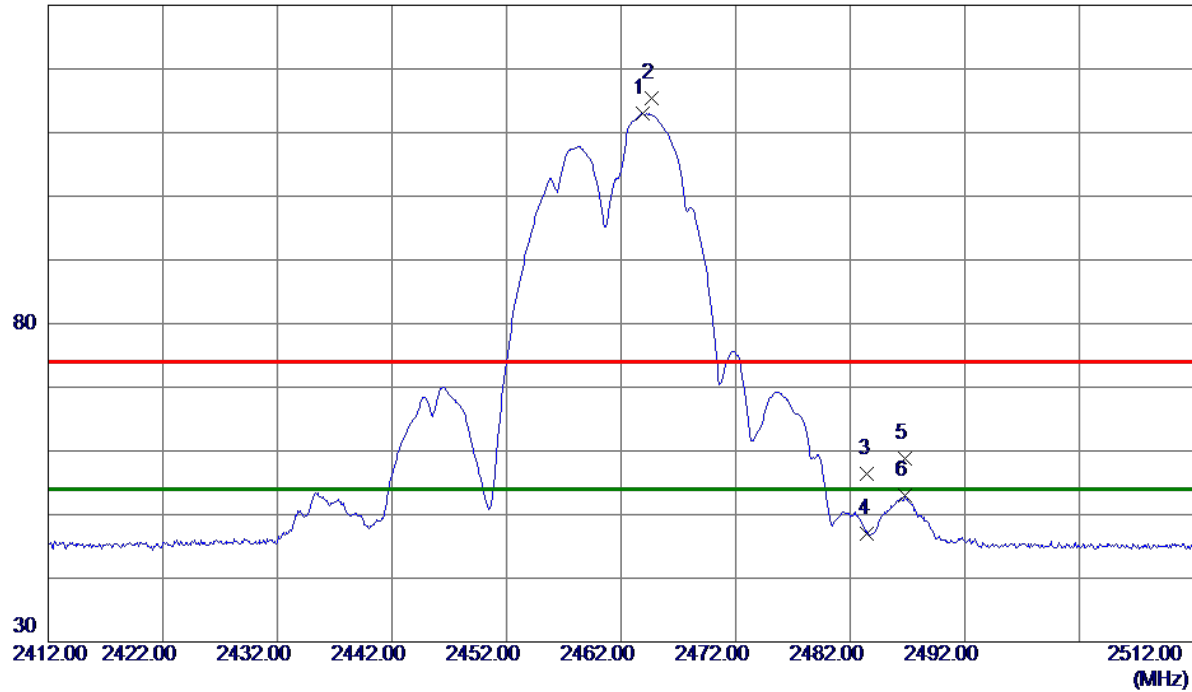
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4914.4080	27.06	3.72	30.78	54.00	-23.22	AVG	
2	4914.5880	37.97	3.72	41.69	74.00	-32.31	Peak	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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130 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2463.9000	104.88	8.10	112.98	54.00	58.98	AVG	No Limit
2	2464.7000	107.35	8.10	115.45	74.00	41.45	Peak	No Limit
3	2483.5000	48.37	8.11	56.48	74.00	-17.52	Peak	
4	2483.5000	38.91	8.11	47.02	54.00	-6.98	AVG	
5	2486.8000	50.61	8.11	58.72	74.00	-15.28	Peak	
6	2486.8000	44.81	8.11	52.92	54.00	-1.08	AVG	

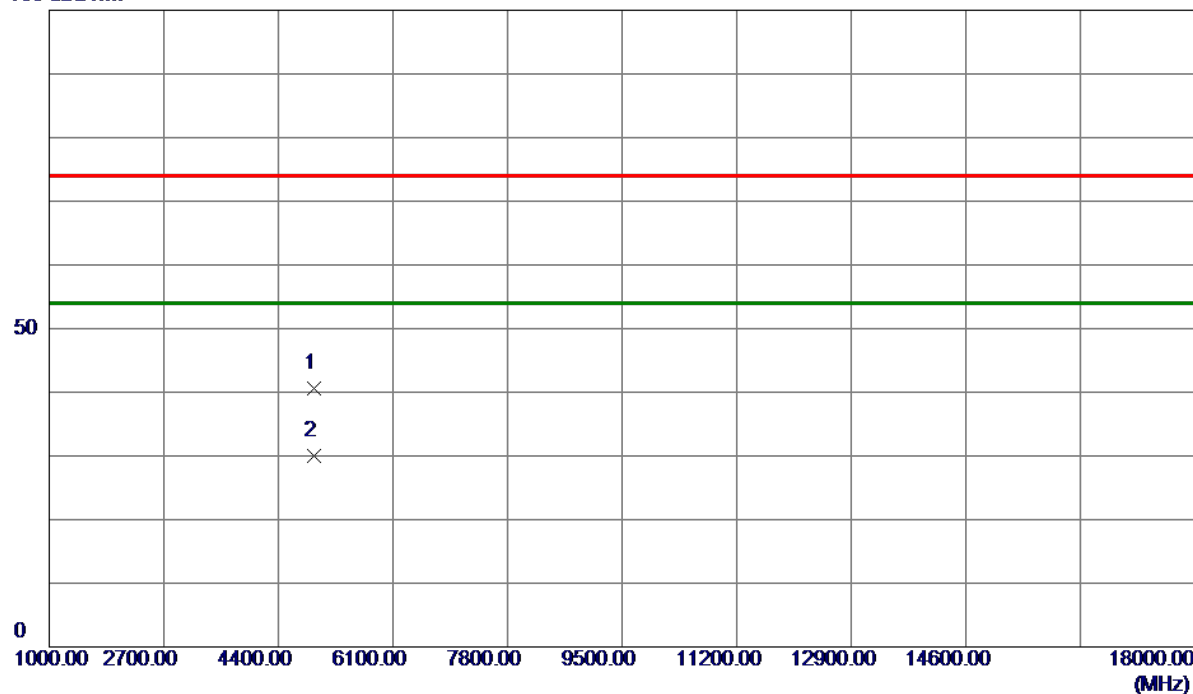
REMARKS:

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

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
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100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.7180	36.85	3.75	40.60	74.00	-33.40	Peak	
2 *	4924.5630	26.21	3.76	29.97	54.00	-24.03	AVG	

REMARKS:

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

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