

FCC Radio Test Report

FCC ID: 2BH7FC410V2

Report No.	: BTL-FCCP-1-2509C327A
Equipment	: 1) Battery-Powered Outdoor Security Camera 2) Wire-Free Indoor/Outdoor Security Camera 3) Smart Wire-Free Indoor/Outdoor Security Camera
Model Name	: 1) Tapo C410 2) Tapo C402, Tapo C403, TCB82 3) TC82
Brand Name	: tp-link
Applicant	: TP-Link Systems Inc.
Address	: 10 Mauchly, Irvine, CA 92618
Radio Function	: WLAN 2.4 GHz
FCC Rule Part(s)	: FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement	: ANSI C63.10-2020
Procedure(s)	
Date of Receipt	: 2026/1/14
Date of Test	: 2026/2/6 ~ 2026/2/10
Issued Date	: 2026/4/22

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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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**.

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** requirements, and accredited by the conformity assessment authorities listed in this test report.

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2408G145	R00	Original Report.	2024/11/1	Valid
BTL-FCCP-1-2509C327A	R00	PCB hardware changes and add battery alternatives and product name.	2026/4/10	Invalid
BTL-FCCP-1-2509C327A	R01	Revised report to address TCB's comments.	2026/4/22	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	-----

Statement of Conformity

The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This is a supplement report of BTL-FCCP-1-2408G145 report. The differences compared with original report are PCB hardware changes and add battery alternatives.
After evaluated, the changes with respect to the original one, only AC power line conducted emissions and radiated emissions (IEEE 802.11n (HT40)_2437MHz) tests need to be verified and the other test results refer to above report.
- (4) This is to request a Class II permissive change for FCC ID: 2BH7FC410V2.
The major change filed under this application is:
Change #1: PCB hardware changes: Remove the internal debugging contact points (TX/RX/GND/VCC) on the PCB board, and change the antenna wire harness color to blue.
Change #2: Add battery alternatives.
AC power line conducted emissions and radiated emissions (IEEE 802.11n (HT40)_2437MHz) were criticized and reconfirmed in this report.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC RN: 674415) (FCC DN: TW0659)

☒ CB20 ☒ C01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**.

A. AC power line conducted emissions test:

Test Site	Measurement Frequency Range	U (dB)
C01	150 kHz ~ 30 MHz	3.44

B. Radiated emissions test:

Test Site	Measurement Frequency Range	U (dB)
CB20 (3m)	0.03 ~ 0.2 GHz	4.01
	0.2 ~ 1 GHz	4.64
	1 ~ 6 GHz	5.91
	6 ~ 18 GHz	6.24
	18 ~ 26 GHz	3.93
	26 ~ 40 GHz	4.06

NOTE:

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	Refer to data	AC 120V	Benny Cao
Radiated emissions below 1 GHz	Refer to data	AC 120V	Benny Cao
Radiated emissions above 1 GHz	Refer to data	AC 120V	Benny Cao

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	1) Battery-Powered Outdoor Security Camera 2) Wire-Free Indoor/Outdoor Security Camera 3) Smart Wire-Free Indoor/Outdoor Security Camera
Model Name	1) Tapo C410 2) Tapo C402, Tapo C403, TCB82 3) TC82
Brand Name	tp-link
Model Difference	TC82 and Tapo C410 are only differ in product name and model name, Tapo C402 and Tapo C410 are only differ in product name and model name, TCB82 and Tapo C410 are only differ in product name and model name, Tapo C403 and Tapo C410 differ in product name, model name and shell color while Tapo C403 is black.
Power Source	1# DC Voltage supplied from AC adapter (support unit). 2# Supplied from battery. Model: CMICR18650F8, INR18650-26E 3# Supplied from USB port.
Power Rating	1# 5V $\overline{\text{---}}$ 1A 2# DC 3.7V, 2600mAh 3# DC 5V
Products Covered	N/A
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
Transfer Rate	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 150 Mbps
Test Model	Tapo C410
Sample Status	Engineering Sample
EUT Modification(s)	N/A

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:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20)							
CH03 - CH09 for IEEE 802.11n(HT40)							
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) Table for Filed Antenna:

Ant.	Manufacturer	P/N	Type	Connector	Gain (dBi)
1	TP-Link Systems Inc.	3101507115	Dipole	N/A	0

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

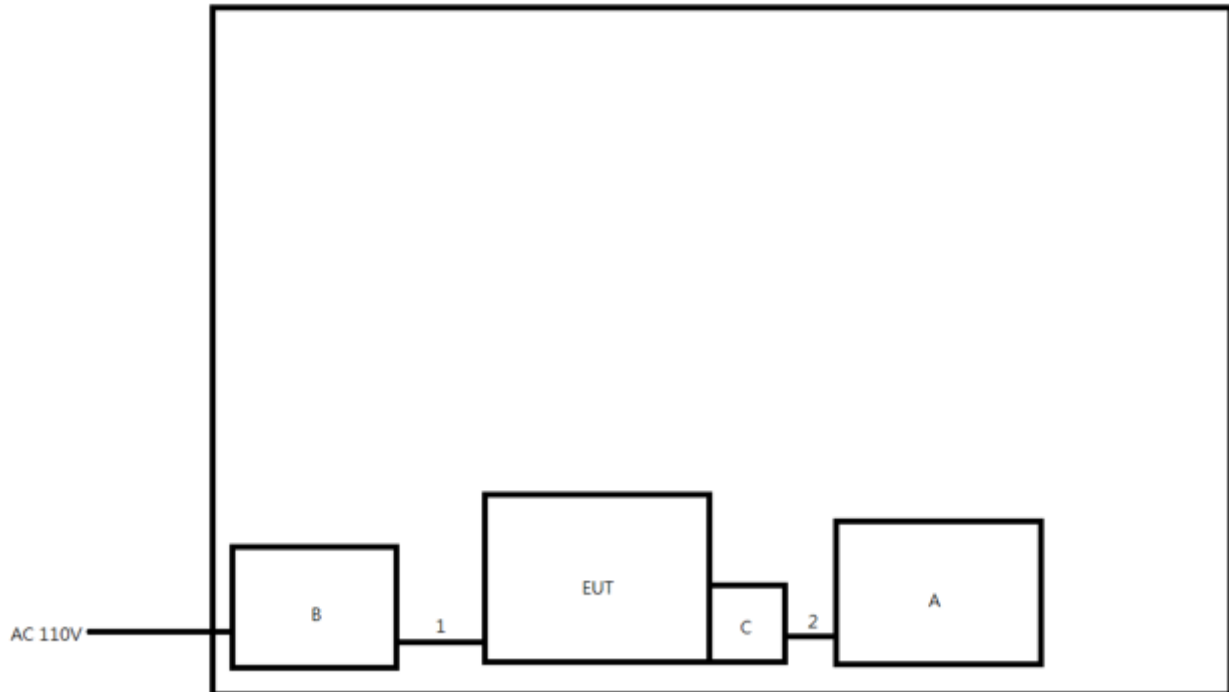
2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11n (HT40)	06	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11n (HT40)	06	Harmonic
Transmitter Radiated Emissions (above 18GHz)	TX Mode_IEEE 802.11n (HT40)	06	Harmonic

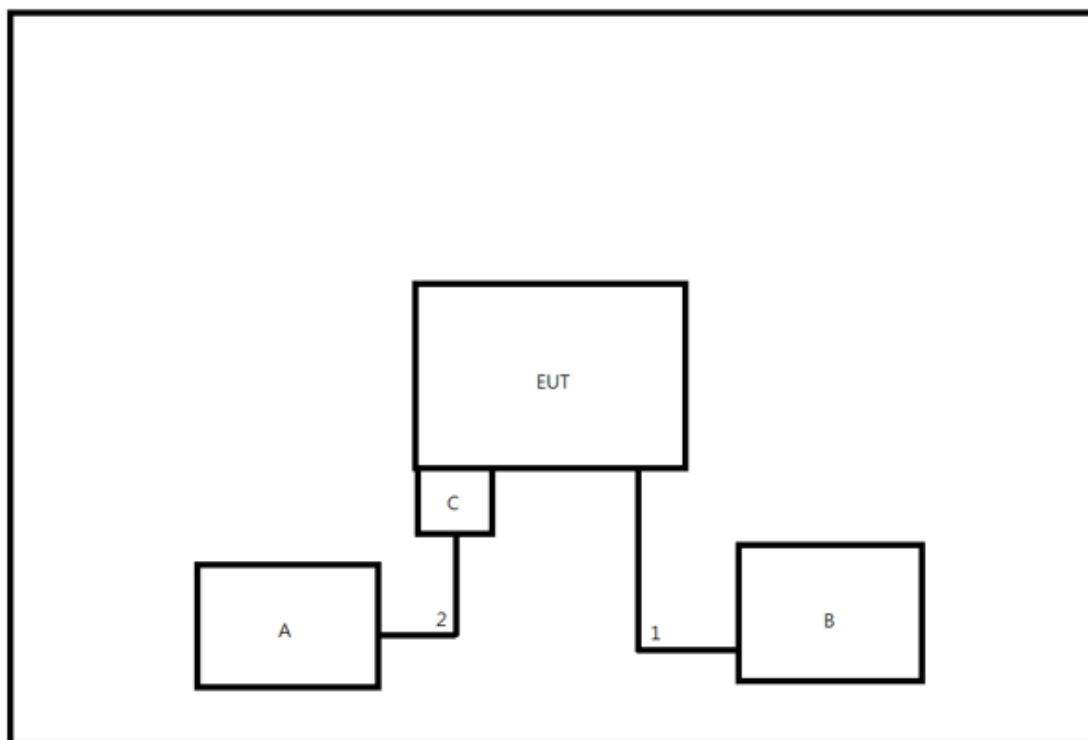
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.
B	Adapter	amc	AD-D0930500100 US01	N/A	Supplied by test requester
C	Fixture	N/A	N/A	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.5m	Type-c	Supplied by test requester
2	N/A	N/A	1m	USB To USB	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 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
 Calculation example:

Reading Level (dBμV)		Correct Factor (dB)		Measurement Value (dBμV)
38.22	+	3.45	=	41.67

Measurement Value (dBμV)		Limit Value (dBμV)		Margin Level (dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of 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 to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

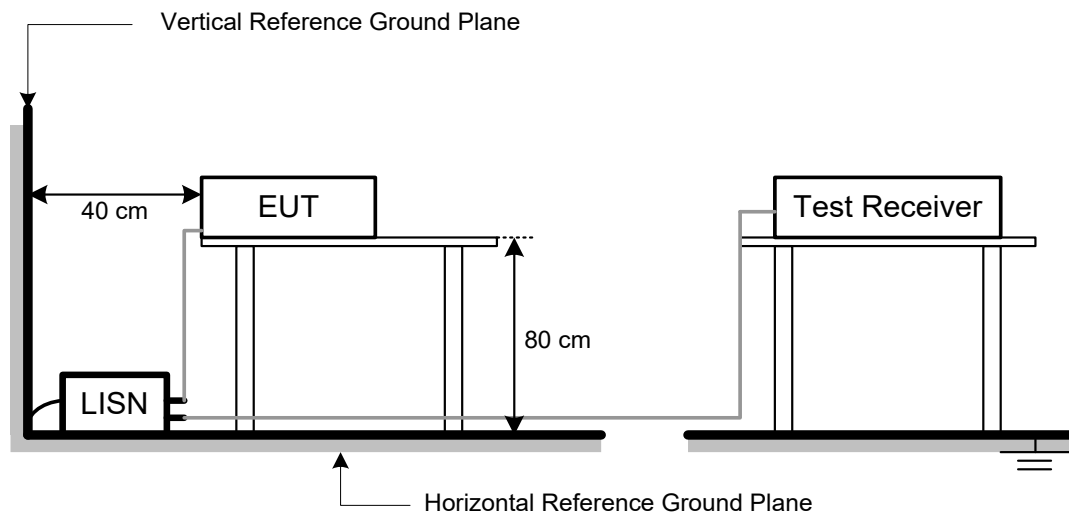
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205, then the 15.209 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
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated Emissions (dBuV/m)		Measurement Distance (meters)
	Peak	Average	
Above 1000	74	54	3

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

Calculation example:

Reading Level (dBuV)		Correct Factor (dB/m)		Measurement Value (dBuV/m)
19.11	+	2.11	=	21.22

Measurement Value (dBuV/m)		Limit Value (dBuV/m)		Margin Level (dB)
21.22	-	54	=	-32.78

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

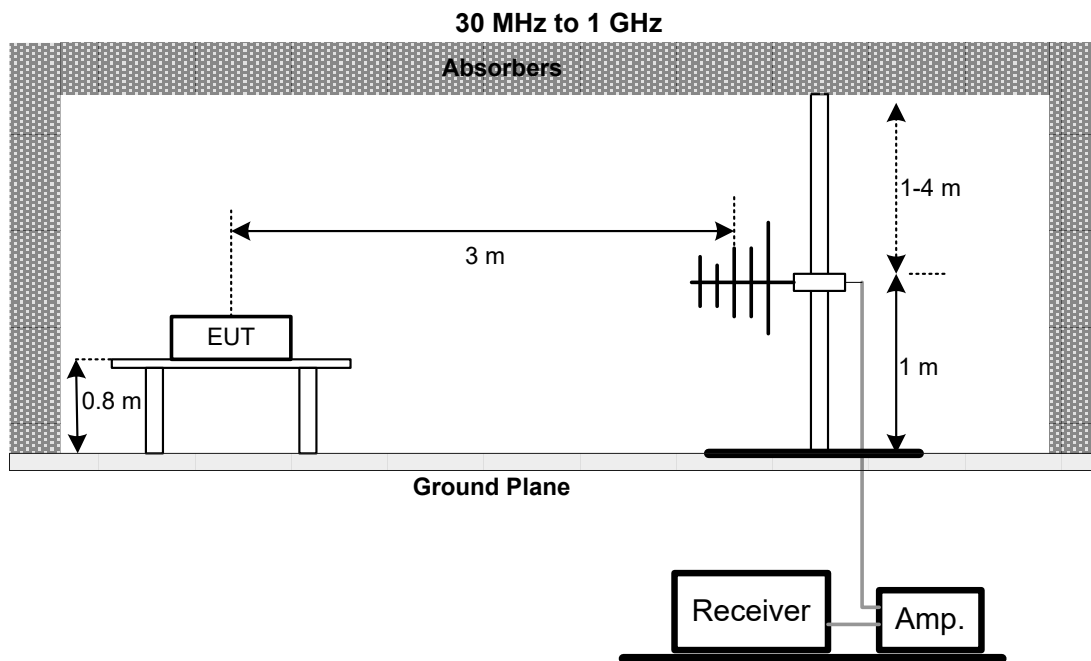
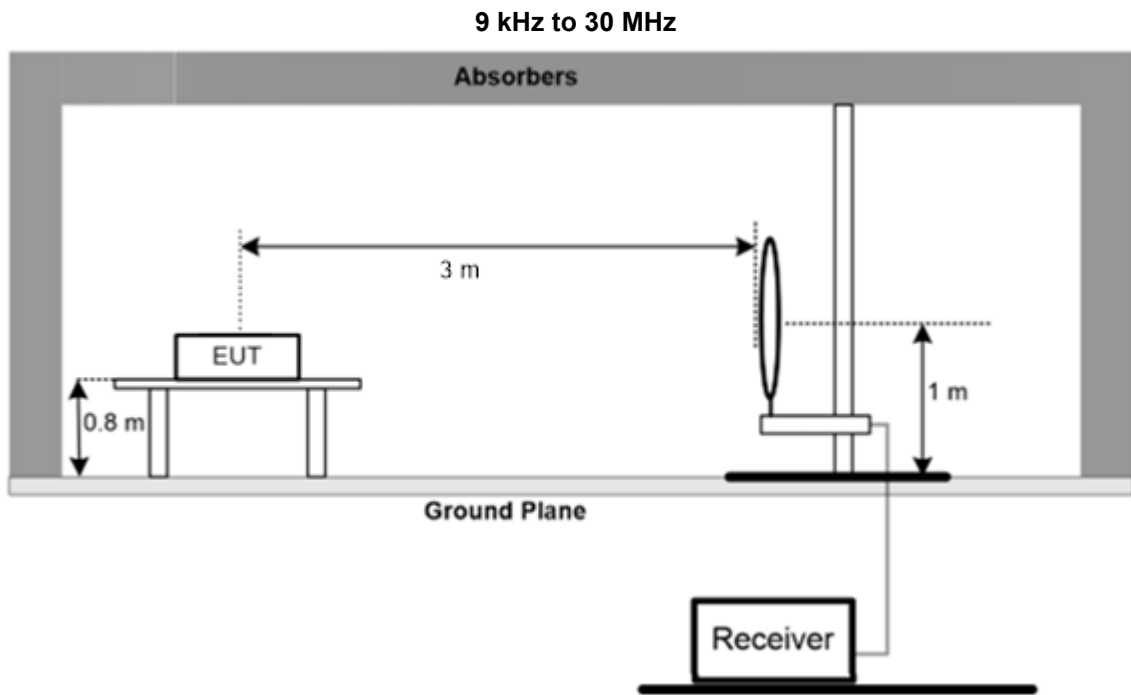
4.2 TEST PROCEDURE

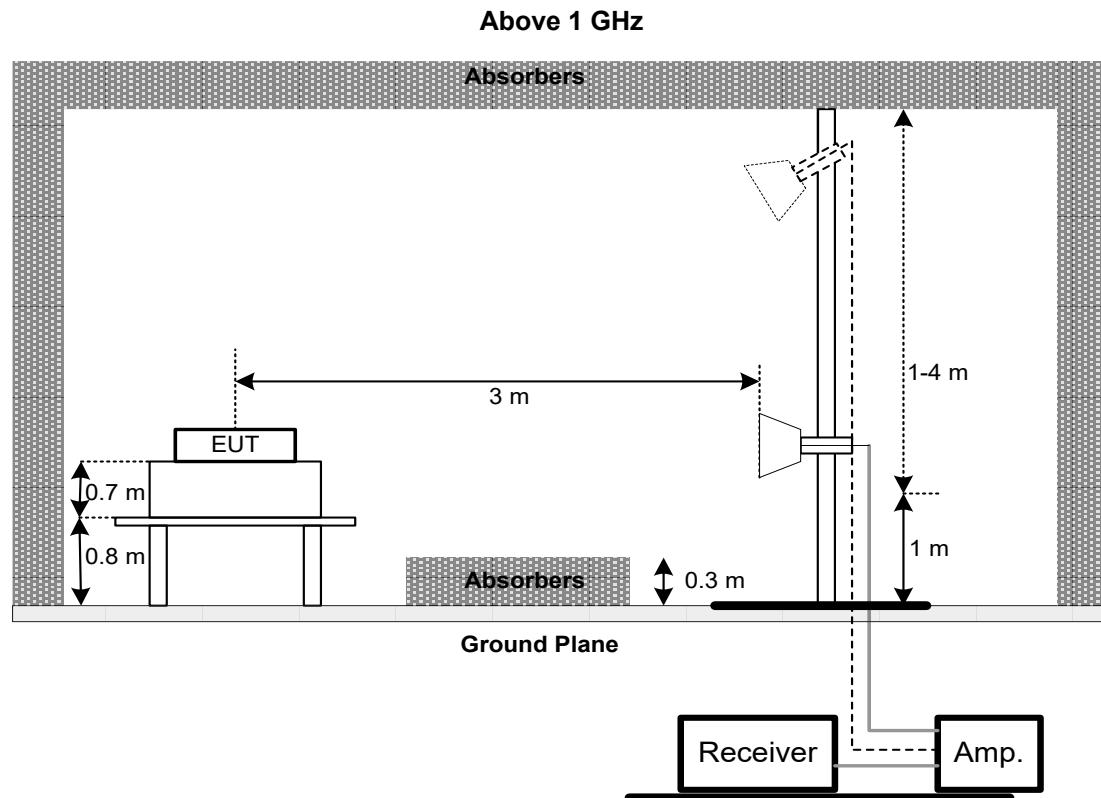
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, 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.
- 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).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- 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.
- 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 1GHz)
- 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 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

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

5 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	EMC Receiver	keysight	N9038A	MY54130009	2025/06/25	2026/06/24
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2025/12/02	2026/12/01
3	Two-Line V-Network	R&S	ENV216	101051	2025/07/02	2026/07/01
4	Measurement Software	Farad	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC184045SE	980512	2025/12/02	2026/12/01
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2025/06/25	2026/06/24
3	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2025/12/02	2026/12/01
4	Test Cable	EMCI	EMC102-KM-KM-3000	220330	2025/12/02	2026/12/01
5	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2026/01/08	2027/01/07
6	Pre-Amplifier	EMCI	EMC118A45SE	981030	2025/12/02	2026/12/01
7	Test Cable	EMCI	EMC102-KM-KM-1000	210119	2025/12/02	2026/12/01
8	Test Cable	EMCI	EMC102-KM-KM-3000	210118	2025/12/02	2026/12/01
9	Test Cable	EMCI	EMC107-SM-SM-6000	230726	2025/12/02	2026/12/01
10	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2025/12/1	2026/11/30
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1207	2025/12/23	2026/12/22
12	Pre-Amplifier	EMCI	EMC001330	980807	2025/12/02	2026/12/01
13	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2025/12/02	2026/12/01
14	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200343	2025/12/02	2026/12/01
15	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200348	2025/12/02	2026/12/01
16	Loop Antenna	Electro-Metrics	EMCI-LPA600	274	2025/07/10	2026/07/09
17	Pre-Amplifier	EMCI	EMC001340	980555	2025/11/30	2026/11/29
18	Measurement Software	Farad	EZ EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

6 EUT TEST PHOTO

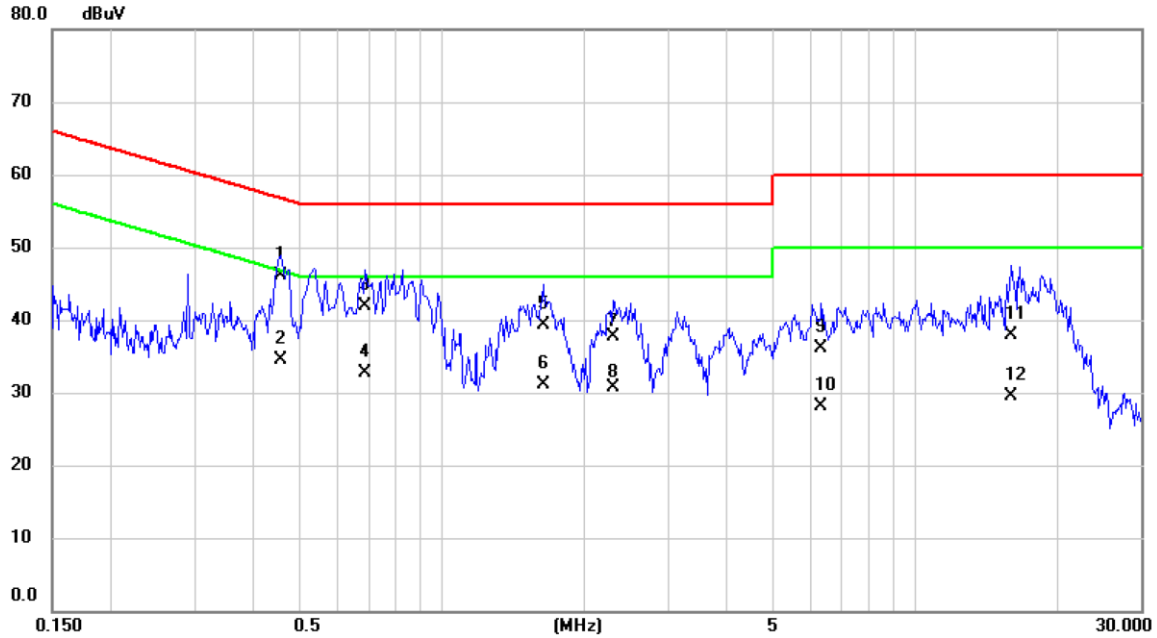
Please refer to document Appendix No.: TP-2509C327A-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2509C327A-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2026/2/9
Test Frequency	-	Phase	Line
Temp	20°C	Hum.	52%

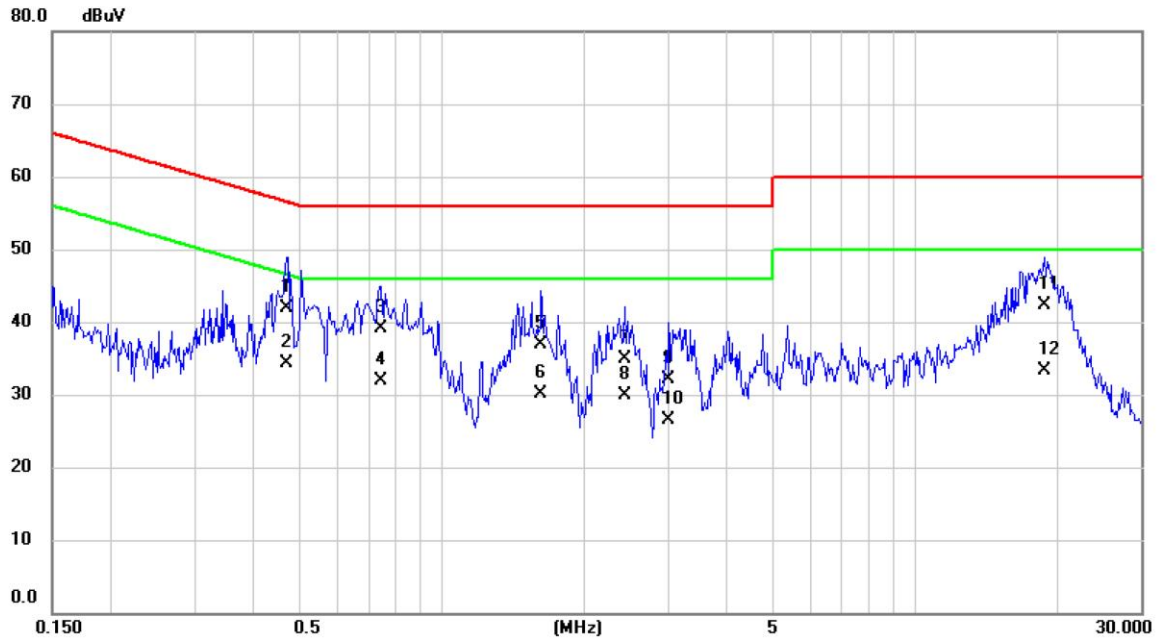


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.4563	36.54	9.53	46.07	56.76	-10.69	QP	
2		0.4563	24.99	9.53	34.52	46.76	-12.24	AVG	
3		0.6890	32.35	9.56	41.91	56.00	-14.09	QP	
4		0.6890	23.13	9.56	32.69	46.00	-13.31	AVG	
5		1.6340	29.57	9.67	39.24	56.00	-16.76	QP	
6		1.6340	21.43	9.67	31.10	46.00	-14.90	AVG	
7		2.3000	27.96	9.72	37.68	56.00	-18.32	peak	
8		2.3000	20.94	9.72	30.66	56.00	-25.34	peak	
9		6.3250	26.26	9.80	36.06	60.00	-23.94	QP	
10		6.3250	18.37	9.80	28.17	50.00	-21.83	AVG	
11		15.9750	27.89	10.06	37.95	60.00	-22.05	QP	
12		15.9750	19.39	10.06	29.45	50.00	-20.55	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2026/2/9
Test Frequency	-	Phase	Neutral
Temp	20°C	Hum.	52%



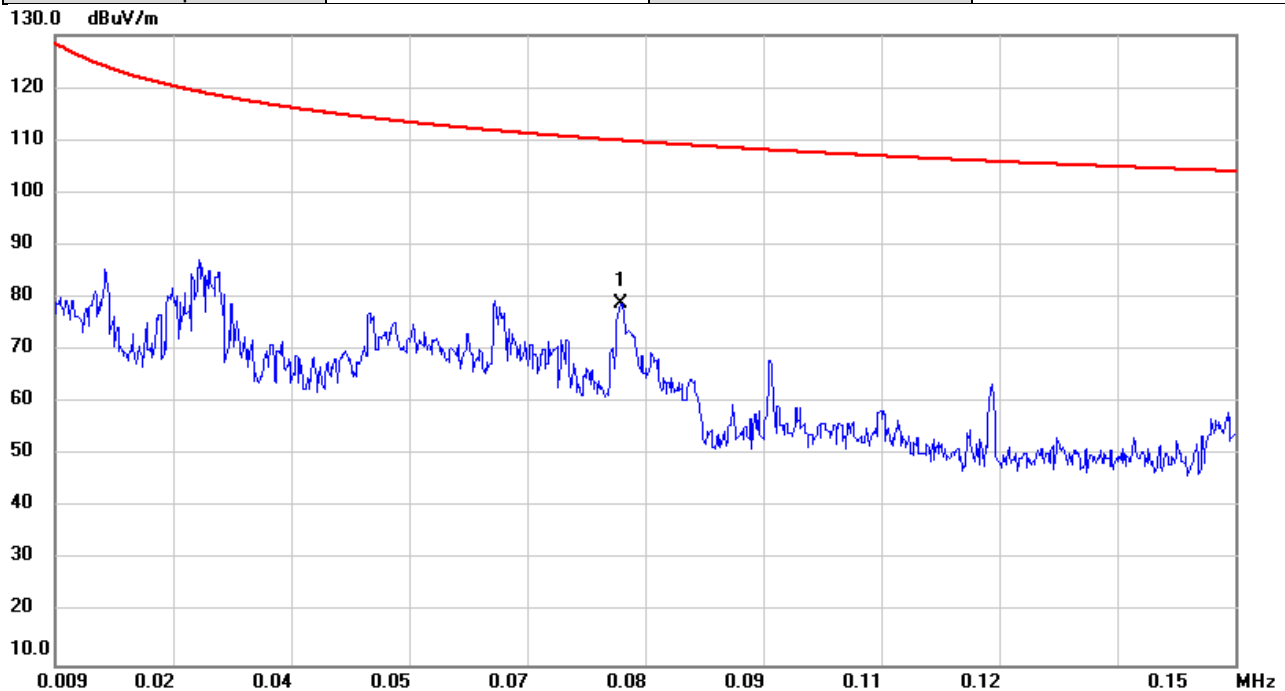
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4710	32.28	9.58	41.86	56.50	-14.64	QP	
2	*	0.4710	24.66	9.58	34.24	46.50	-12.26	AVG	
3		0.7430	29.40	9.61	39.01	56.00	-16.99	QP	
4		0.7430	22.34	9.61	31.95	46.00	-14.05	AVG	
5		1.6205	27.18	9.68	36.86	56.00	-19.14	QP	
6		1.6205	20.50	9.68	30.18	46.00	-15.82	AVG	
7		2.4305	25.22	9.72	34.94	56.00	-21.06	QP	
8		2.4305	20.23	9.72	29.95	46.00	-16.05	AVG	
9		3.0155	22.37	9.74	32.11	56.00	-23.89	QP	
10		3.0155	16.81	9.74	26.55	46.00	-19.45	AVG	
11		18.8000	32.06	10.22	42.28	60.00	-17.72	QP	
12		18.8000	23.15	10.22	33.37	50.00	-16.63	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	63%

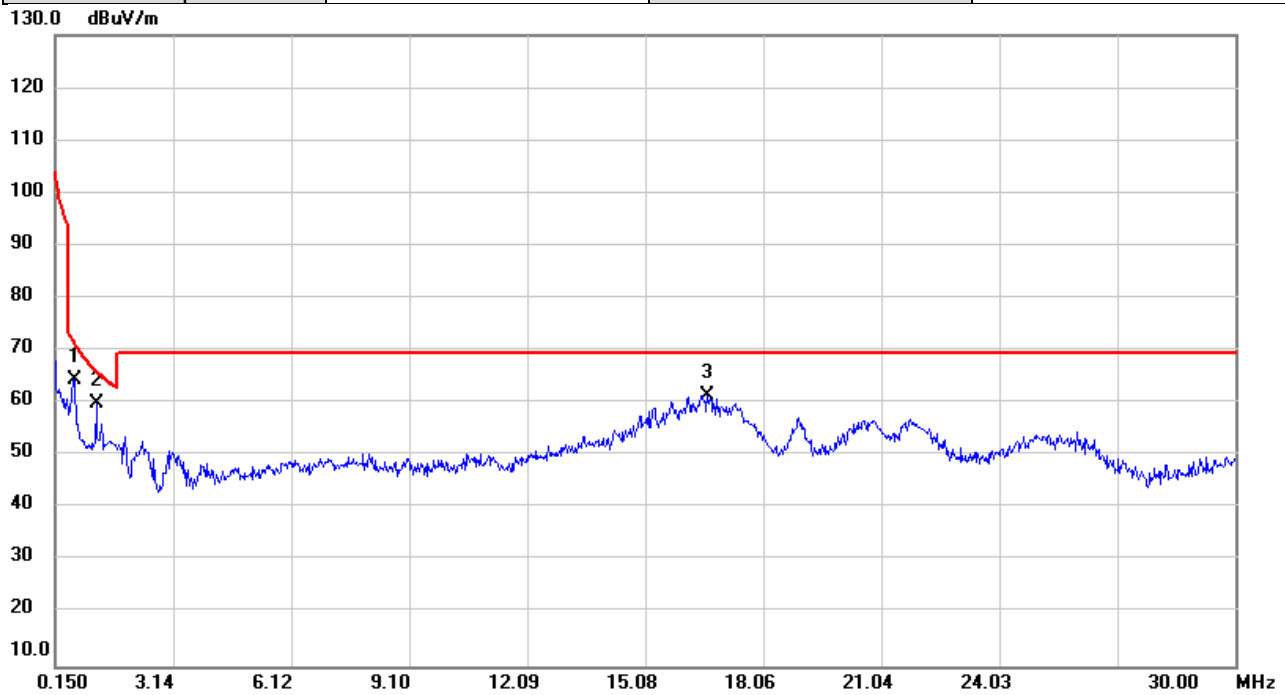


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.0766	41.41	37.39	78.80	109.92	-31.12	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	63%



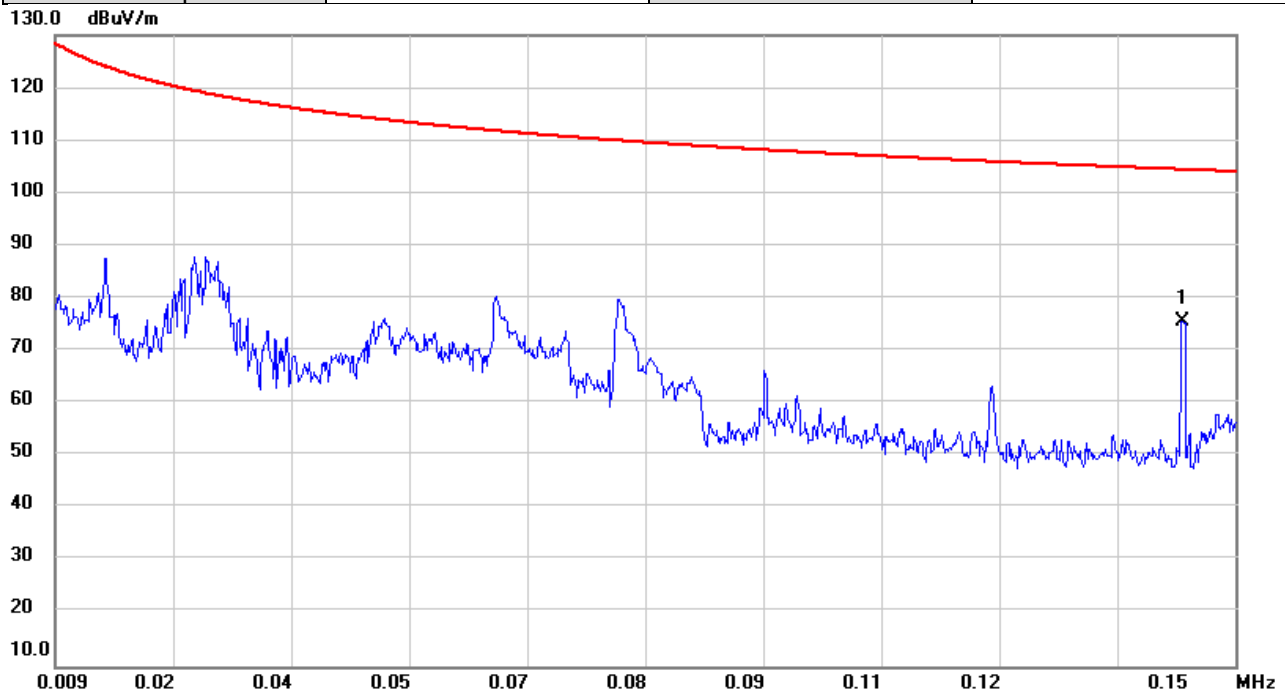
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.6276	43.42	20.95	64.37	71.65	-7.28	QP	
2	*	1.1947	41.84	17.99	59.83	66.06	-6.23	QP	
3		16.6570	46.97	14.42	61.39	69.54	-8.15	QP	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	63%

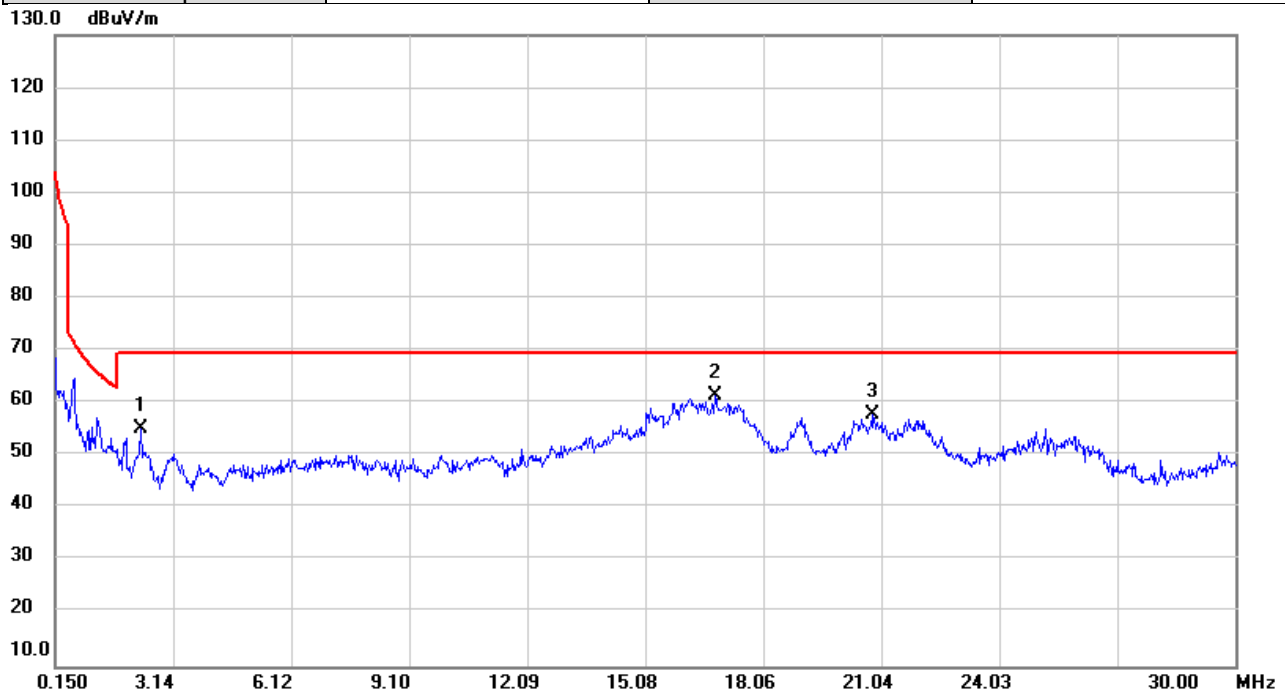


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1437	43.23	32.26	75.49	104.46	-28.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2.3291	39.73	15.35	55.08	69.54	-14.46	QP	
2	*	16.8361	46.95	14.47	61.42	69.54	-8.12	QP	
3		20.8062	43.46	14.50	57.96	69.54	-11.58	QP	

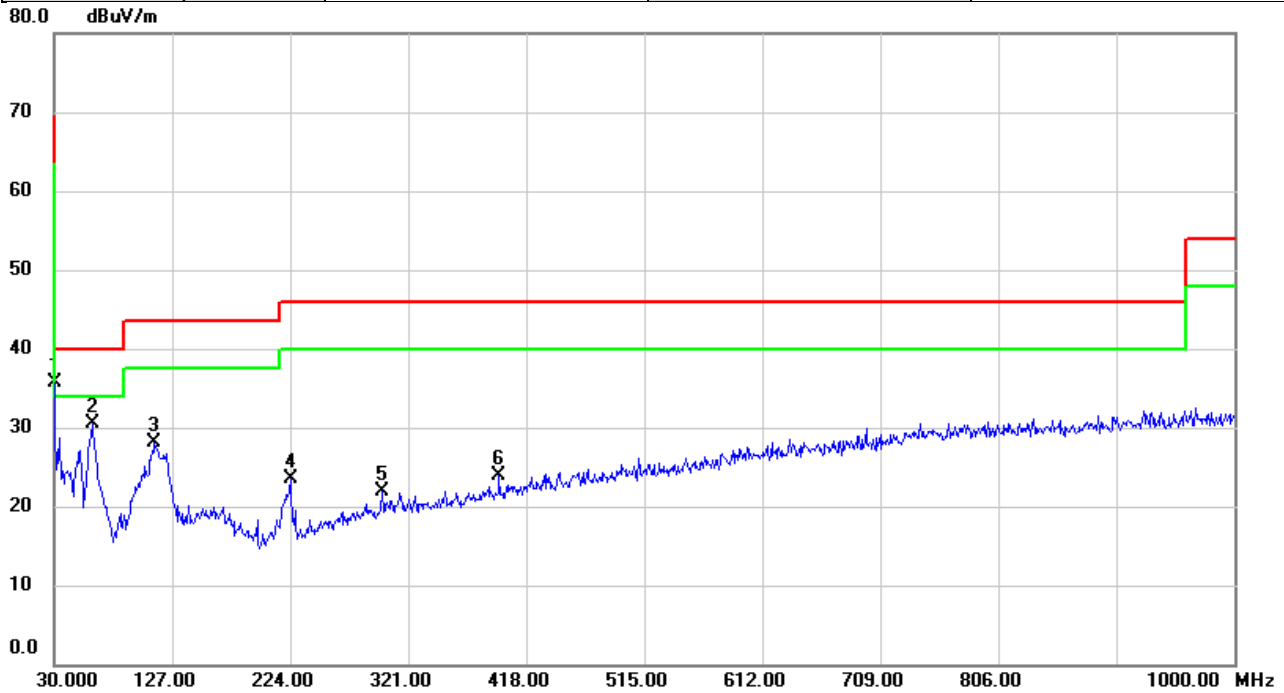
REMARKS:

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

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	61%

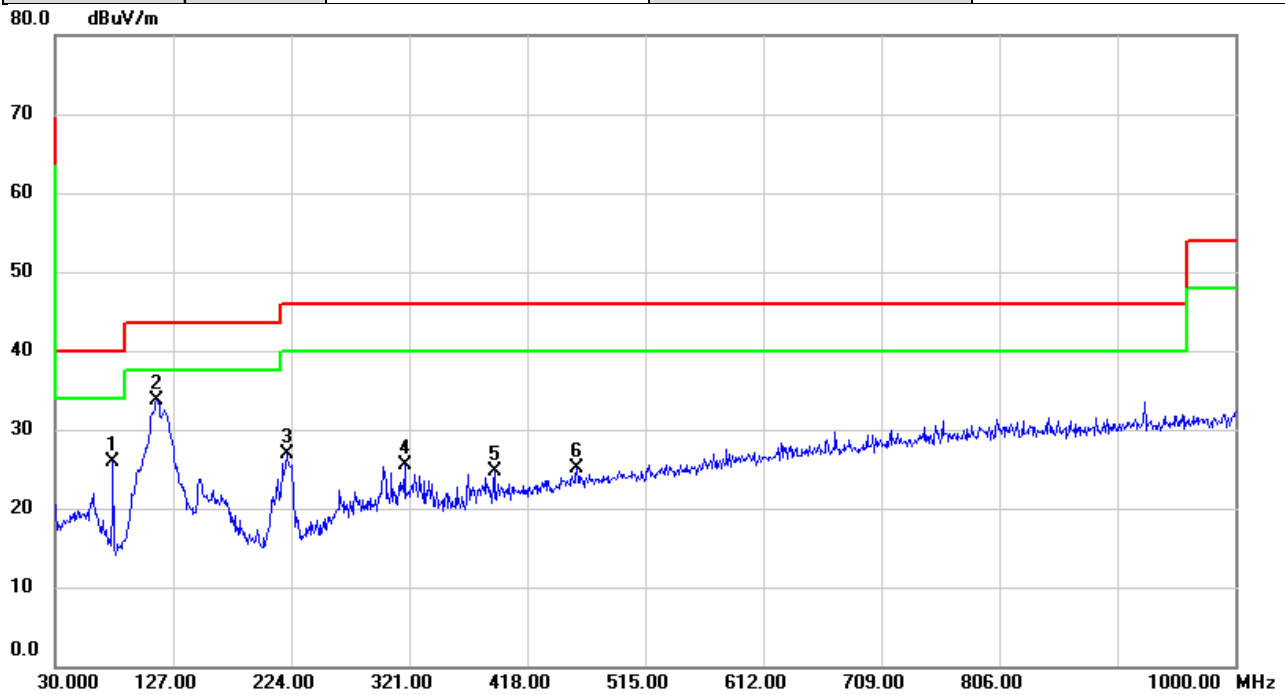


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	30.0000	49.55	-13.80	35.75	40.00	-4.25	peak	
2		61.0400	42.57	-12.04	30.53	40.00	-9.47	peak	
3		112.4500	42.59	-14.52	28.07	43.50	-15.43	peak	
4		224.0000	37.38	-13.94	23.44	46.00	-22.56	peak	
5		299.6600	32.02	-10.05	21.97	46.00	-24.03	peak	
6		395.6900	31.27	-7.46	23.81	46.00	-22.19	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	61%



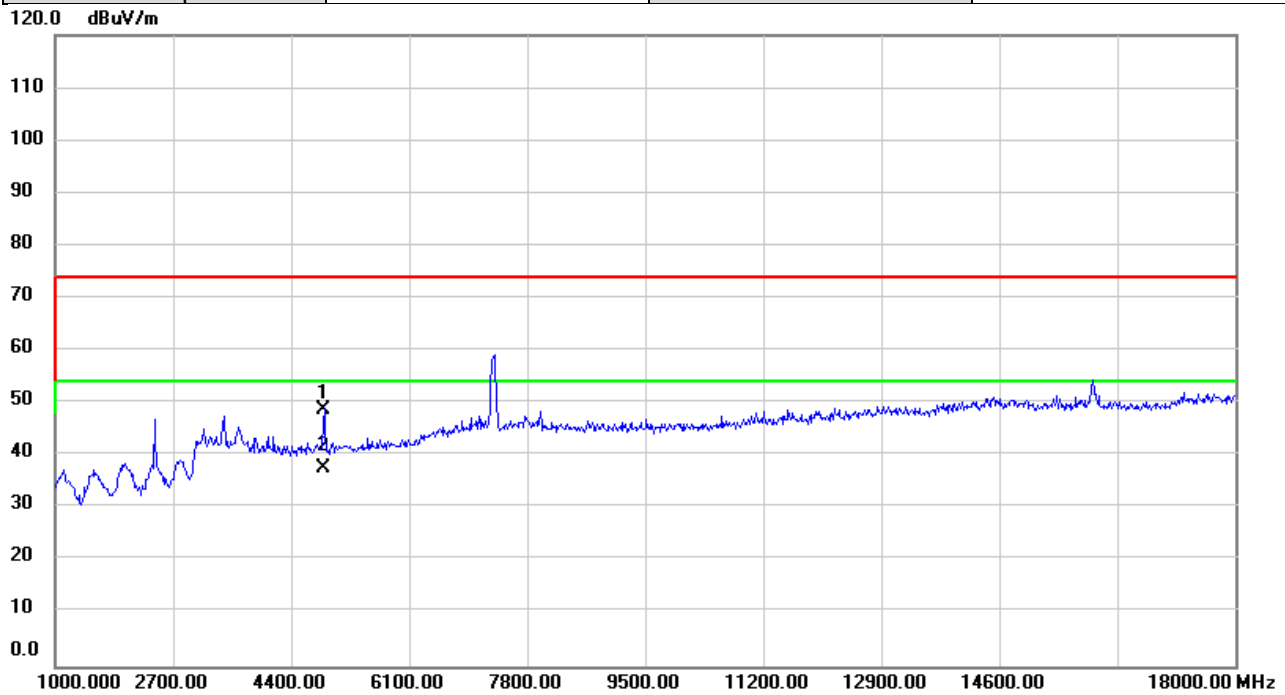
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		77.5300	41.34	-15.49	25.85	40.00	-14.15	peak	
2	*	113.4200	48.19	-14.45	33.74	43.50	-9.76	peak	
3		220.1200	40.85	-14.04	26.81	46.00	-19.19	peak	
4		317.1200	35.21	-9.66	25.55	46.00	-20.45	peak	
5		390.8400	32.40	-7.60	24.80	46.00	-21.20	peak	
6		458.7400	30.62	-5.60	25.02	46.00	-20.98	peak	

REMARKS:

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	61%

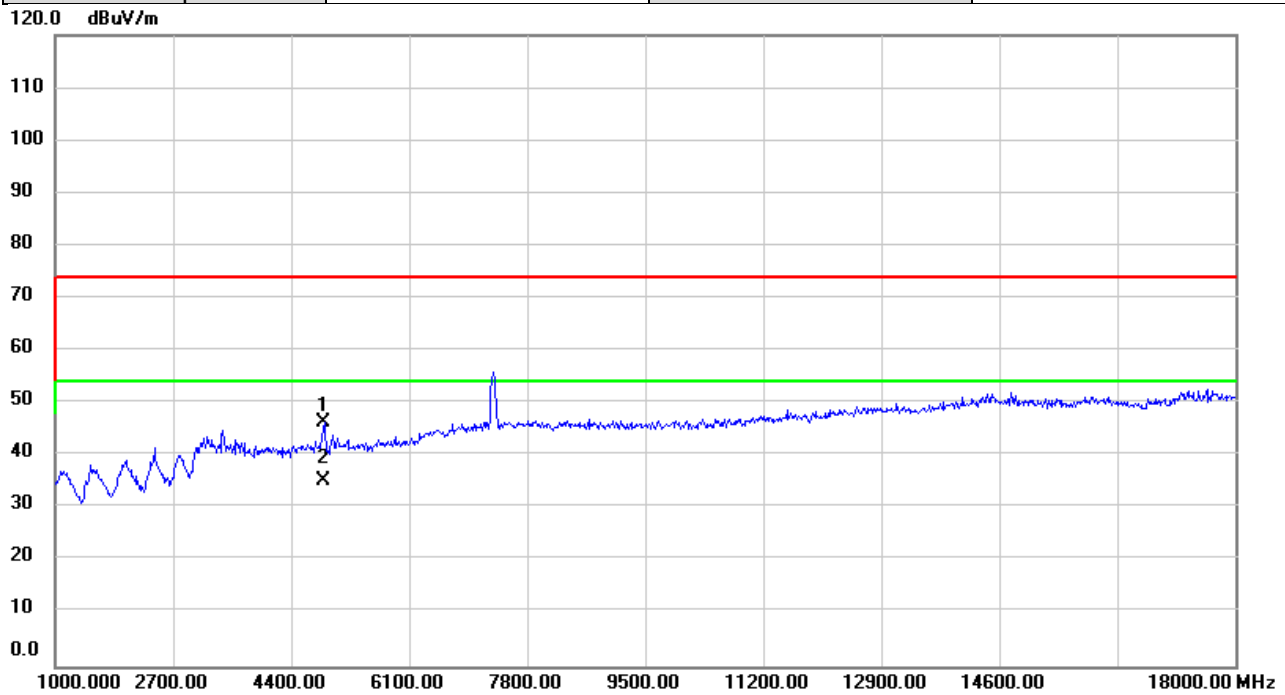


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4874.000	48.56	0.33	48.89	74.00	-25.11	peak	
2	*	4874.000	37.35	0.33	37.68	54.00	-16.32	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/9
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	61%

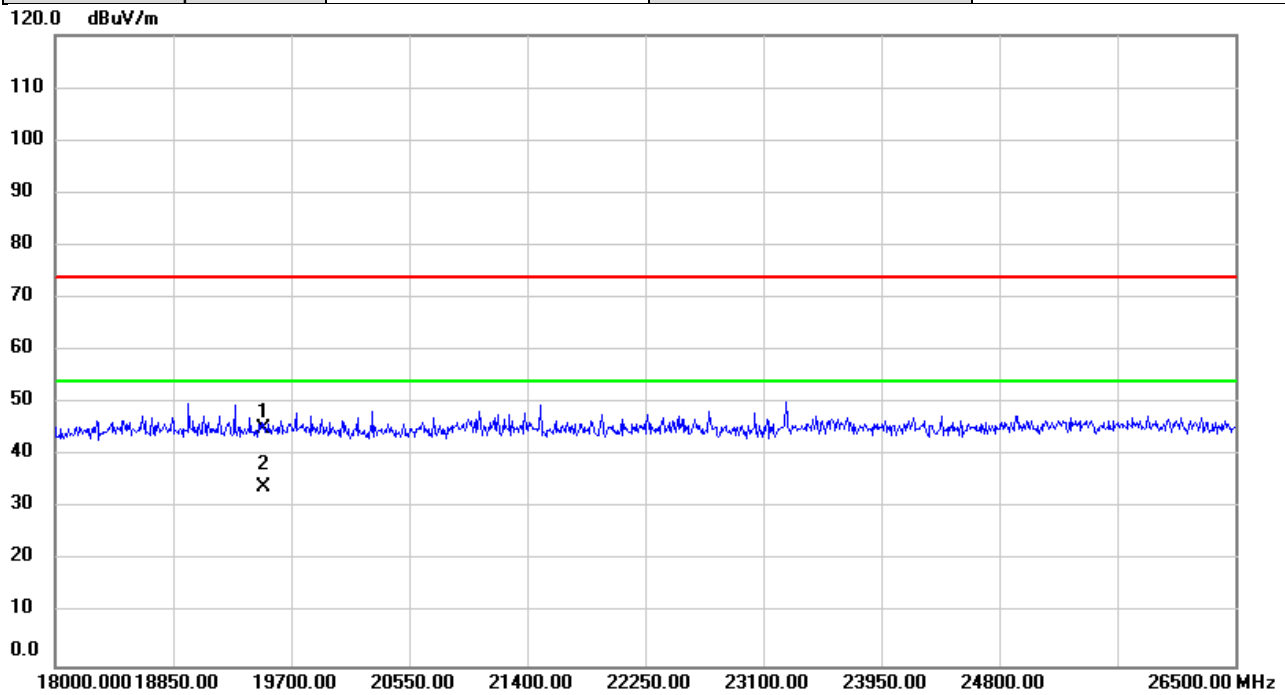


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4874.000	46.01	0.33	46.34	74.00	-27.66	peak	
2	*	4874.000	35.03	0.33	35.36	54.00	-18.64	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	63%

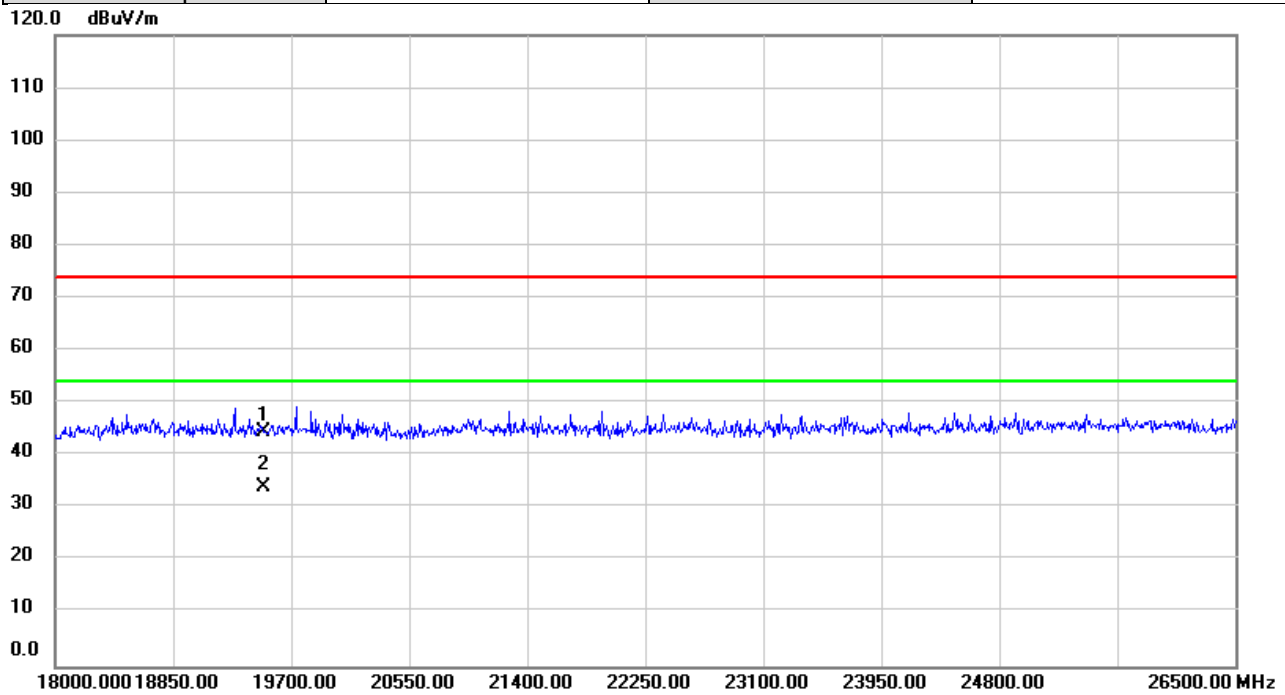


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		19496.00	54.59	-9.52	45.07	74.00	-28.93	peak	
2	*	19496.00	43.64	-9.52	34.12	54.00	-19.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2026/2/10
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	63%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		19496.00	54.21	-9.52	44.69	74.00	-29.31	peak	
2	*	19496.00	43.61	-9.52	34.09	54.00	-19.91	AVG	

REMARKS:

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

End of Test Report