

APPLICANT NAME & ADDRESS

Legato Audio, Inc.
40 Barnabas Road, Falmouth, MA 02540 USA

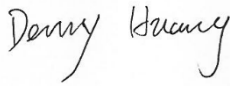
PRODUCT NAME	Legato Frames Hearing Glasses
MODEL NUMBER(S)	Series 1
FCC ID	2BSN4-LGFRAME1
TEST STANDARDS	47 CFR FCC PART 15 SUBPART C ISED RSS-247 Issue 4 ISED RSS-GEN Issue 5

TEST LABORATORY & ADDRESS

☒ ①KT UL INTERNATIONAL-SINGAPORE PTE LTD 20 KIAN TECK LANE SINGAPORE 627854	☐ ②JK UL INTERNATIONAL-SINGAPORE PTE LTD 15 JOO KOON CRESCENT SINGAPORE 629015
SINGLAS REGISTRATION	① LA-2009-0450-E ② LA-2009-0450-E-1

FCC REGISTRATION	600804	ISED COMPANY NUMBER	12002A
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RECEIPT OF EUTs	26 September 2025	TEST PERIOD	15 October 2025 - 27 November 2025
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PREPARED BY	APPROVED BY
	
JONATHAN HE SENIOR LABORATORY TECHNICIAN	Denny Huang Senior Project Engineer

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The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council.



SUMMARY OF TEST RESULTS

Clause	Test Items	FCC/ISED Rules	Test Results
1	6dB Bandwidth and 99% Occupied Bandwidth	FCC Part 15.247 (a) (2) RSS-247 Clause 5.2 (a) ISED RSS-Gen Clause 6.7	Pass
2	Conducted Output Power	FCC Part 15.247 (b) (3) RSS-247 Clause 5.4 (d)	Pass
3	Power Spectral Density	FCC Part 15.247 (e) RSS-247 Clause 5.2 (b)	Pass
4	Conducted Bandedge and Spurious Emission	FCC Part 15.247 (d) RSS-247 Clause 5.5	Pass
5	Radiated Bandedge and Spurious Emission	FCC Part 15.247 (d) FCC Part 15.209 FCC Part 15.205 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
6	Conducted Emission Test for AC Power Port	FCC Part 15.207 RSS-GEN Clause 8.8	Not Applicable (See Note 1)
7	Antenna Requirement	FCC Part 15.203 RSS-GEN Clause 6.8	Pass
Note: 1. The EUT is powered by battery and charged by wireless charger pad. 2. Lab performed measurements at test anechoic chamber and comparing them to measurements obtained on an open field site. And these measurements below 30 MHz were correlated to measurements performed on an OFS.			

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RELEASE CONTROL RECORDS

For any necessary material amendments or modifications to a test report after issue, it will be made only in the form of a new revision of test report. The latest revision of test report replaces all former test reports issued. The former test reports are no longer valid.

It will be uniquely identified with a new revision number and be clearly recorded in the table below, including the change description and a reference to the original test report that it replaces.

Revision	Report Date	Description	Revised by
Ø	24 November 2025	Initial Issue.	-
R01	27 November 2025	Addressed TCB's Comments	JONATHAN HE

PRODUCT DETAILS (INFORMATION PROVIDED BY CUSTOMER)

MANUFACTURER	Legato Audio, Inc. 40 Barnabas Road, Falmouth, MA 02540 USA	
PRODUCT NAME	Legato Frames Hearing Glasses	
PRODUCT DESCRIPTION	Hearing glasses with integrated audio. The glasses have 1 Bluetooth LE module in both left temple and right temple.	
BRAND	Legato	
MODEL NUMBER(s)	Series 1	
SERIAL NUMBER/SAMPLE ID FOR TEST MODEL(S)	Conducted Sample: Left Temple: LE1132500000017 (Serial Number) Right Temple: LE1122500000005 (Serial Number) Radiated Sample: 8960321 (Sample ID)	
RADIO TECHNOLOGY	Bluetooth - Low Energy	
OPERATION FREQUENCY	2402 MHz ~ 2480 MHz	
MODULATION	GFSK	
DATA RATE	LE 1M	1 Mbps
	LE 2M	2 Mbps
RATED SUPPLY VOLTAGE / FREQUENCY / CURRENT	DC 3.85 V by Li-ion battery	
SOFTWARE VERSION	v0.2.2	
HARDWARE VERSION	v1.0	

MAXIMUM OUTPUT POWER

Left Temple			
Test Mode	Frequency (MHz)	Channel Number	Maximum Peak Conducted Output Power (dBm)
LE 1M	2402 ~ 2480	0-39[40]	-1.17
LE 2M	2402 ~ 2480	0-39[40]	-1.44

Right Temple			
Test Mode	Frequency (MHz)	Channel Number	Maximum Peak Conducted Output Power (dBm)
LE 1M	2402 ~ 2480	0-39[40]	-3.25
LE 2M	2402 ~ 2480	0-39[40]	-3.08

CHANNEL LIST

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	11	2424	22	2446	33	2468
1	2404	12	2426	23	2448	34	2470
2	2406	13	2428	24	2450	35	2472
3	2408	14	2430	25	2452	36	2474
4	2410	15	2432	26	2454	37	2476
5	2412	16	2434	27	2456	38	2478
6	2414	17	2436	28	2458	39	2480
7	2416	18	2438	29	2460	/	/
8	2418	19	2440	30	2462	/	/
9	2420	20	2442	31	2464	/	/
10	2422	21	2444	32	2466	/	/

TEST CHANNEL CONFIGURATION

Test Mode	Test Channel	Frequency
LE 1M	CH 0 (Low Channel), CH 19 (MID Channel), CH 39 (High Channel)	2402 MHz, 2440 MHz, 2480 MHz
LE 2M	CH 0 (Low Channel), CH 19 (MID Channel), CH 39 (High Channel)	2402 MHz, 2440 MHz, 2480 MHz

THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5 MHz Band				
Test Software Version		STM32 Cube Monitor-RF		
Test Mode	Transmit Antenna Number	Test Software Setting Value		
		CH 0	CH 19	CH 39
LE 1M	1	-0.3 dBm	-0.3 dBm	-0.3 dBm
LE 2M	1	-0.3 dBm	-0.3 dBm	-0.3 dBm

DESCRIPTION OF AVAILABLE ANTENNAS

Left Temple			
Antenna	Frequency (MHz)	Antenna Type	Maximum Peak Antenna Gain (dBi)
1	2402 ~ 2480	Hinge	-4.4

Test Mode	Transmit and Receive Mode	Description
LE 1M	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
LE 2M	☒ 1TX, 1RX	Antenna 2 can be used as transmitting/receiving antenna.

Right Temple			
Antenna	Frequency (MHz)	Antenna Type	Maximum Peak Antenna Gain (dBi)
1	2402 ~ 2480	Hinge	-0.92

Test Mode	Transmit and Receive Mode	Description
LE 1M	☒ 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
LE 2M	☒ 1TX, 1RX	Antenna 2 can be used as transmitting/receiving antenna.

Note: The value of the antenna gain was declared by manufacturer.

EUT CONFIGURATION

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Worst-case data rates as provided by the client were:

LE 1M mode: 1 Mbps

LE 2M mode: 2 Mbps

The measured additional path loss was included in any path loss calculations for all RF cables used during tests.

Left temple and right temple can't transmit simultaneously (declared by manufacturer).

DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name
1	Laptop	Lenovo	V15 G4 IRU
2	USB Dongle	/	/

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)
1	USB Type-C	/	Shielded	1.0

ACCESSORIES

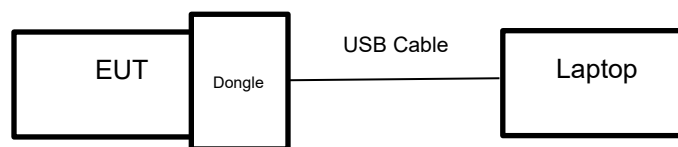
Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

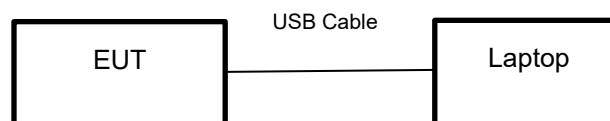
The EUT can work in engineering mode with a software through a laptop.

SETUP DIAGRAM FOR TESTS

For Radiated Test:



For Antenna Port Test:



MEASURING EQUIPMENT AND SOFTWARE USED

ANTENNA PORT CONDUCTED TEST EQUIPMENT					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Signal Analyzer	R&S	FSV40	101517	Aug.22, 2025	Aug.22, 2026

9 kHz ~ 30 MHz RADIATED EMISSION TEST EQUIPMENT					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
EMI Test Receiver	R&S	ESU26	100405	Jan.7, 2025	Jan.7, 2026
Teseq Loop Antenna	Teseq	HLA6121	49613	May.17, 2024	May.17, 2027
Software					
Description	Manufacturer	Name		Version	
For Radiated Emission Test	Toyo	Toyo EMI Software EP5/RE		V6.0.120	

30 MHz ~ 1 GHz RADIATED EMISSION TEST EQUIPMENT					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
EMI Test Receiver	R&S	ESU26	100405	Jan.7, 2025	Jan.7, 2026
6dB Attenuator	Marvelous Microwave Inc.	MVE2256-06	ATT #001	Dec.17, 2024	Dec.17, 2025
Bilog Antenna	Teseq	CBL6112B	2874	Dec.17, 2024	Dec.17, 2025
Pre-Amplifier	TDK	PA-02-9K1G	TRS-301-00008	May.17, 2025	May.17, 2026
Software					
Description	Manufacturer	Name		Version	
For Radiated Emission Test	Toyo	Toyo EMI Software EP5/RE		V6.0.120	

1 GHz ~ 18 GHz RADIATED EMISSION TEST EQUIPMENT					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
EMI Test Receiver	R&S	ESW 44	103517	Apr.14, 2025	Apr.14, 2026
Horn Antenna	Schwarzbeck	BBHA 9120 D	01981	Mar.11, 2024	Mar.11, 2027
Horn Antenna	Schwarzbeck	BBHA 9120 C	519	Oct.22, 2024	Oct.22, 2027
Pre-Amplifier	EMC Instruments Corporation	EMC051845SE	980631	Apr.4, 2025	Apr.4, 2026
Pre-Amplifier	Toyo Corporation	HAP06-18W	B15104522023-100	Oct.22, 2024	Oct.22, 2025
Band Reject Filter	MICRO-TRONICS	BRM50701	G267	Jul.1, 2025	Jul.1, 2026
Software					
Description	Manufacturer	Name		Version	
For RSE Test System	Toyo	Toyo EMI Software EP5/RE		V6.0.40	

18 GHz ~ 40 GHz RADIATED EMISSION TEST EQUIPMENT					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
EMI Test Receiver	R&S	ESW 44	103517	Apr.14, 2025	Apr.14, 2026
Horn Antenna	Schwarzbeck	BBHA9170	00885	Jan.24, 2025	Jan.24, 2026
Pre-Amplifier	Schwarzbeck	EMCI	EMC184045SE	Jan.16, 2025	Jan.16, 2026
Software					
Description	Manufacturer	Name		Version	
For Radiated Emission Test	Toyo	Toyo EMI Software EP5/RE		V6.0.40	

EXTERNAL EUT PHOTOGRAPHS

Refer to “4791940437-FCC2 Appendix I External Photographs”.

INTERNAL EUT PHOTOGRAPHS

Refer to “4791940437-FCC2 Appendix II External Photographs”.

TEST SETUP EUT PHOTOGRAPHS

Refer to “4791940437-FCC2 Appendix III Test Setup Photographs”.

DEVIATION FROM TEST METHOD

No deviation from standard test method

MODIFICATION OF EUT FOR COMPLIANCE

No modifications were made to the EUT

DECISION RULES AND MEASUREMENT UNCERTAINTY

METROLOGICAL TRACEABILITY

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

DECISION RULE

The decision rule is based on simple acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U
Conduction Emission	150 kHz ~ 30 MHz	2	3.32dB
Radiated Emission	9 kHz ~ 30 MHz	2	2.24dB
	30 MHz ~ 1 GHz	2	4.19dB
	1 GHz ~ 18 GHz	2	5.94dB
	18 GHz ~ 40 GHz	2	4.94dB
DTS and 99% Occupied Bandwidth	/	2	±1.17%
Conducted Output Power	/	2	±1.15dB
Power Spectral Density Level	/	2	±1.21dB
Conducted Band-edge and Unwanted Emissions	9 kHz ~ 1 GHz	2	±0.80dB
	1 GHz ~ 26 GHz	2	±2.42dB

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.

ANTENNA PORT TEST RESULTS

ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

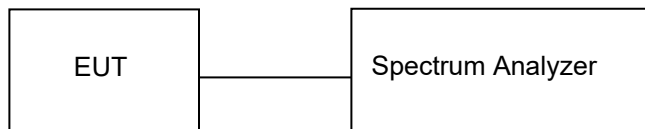
PROCEDURE

Refer to ANSI C63.10-2020 clause 11.6.

Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	Set the center frequency of the instrument to the center frequency of the transmission
Frequency Span	zero-span
Detector	Peak
RBW	$\geq$ OBW if possible; otherwise, set RBW to the largest available value.
VBW	$\geq$ RBW

TEST SETUP



TEST ENVIRONMENT

Left Temple			
Temperature	26.8 °C	Relative Humidity	52 %
Test Voltage	DC 3.7 V		

Right Temple			
Temperature	26 °C	Relative Humidity	48 %
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Left Temple			
Test Date	11 November 2025	Test By	Jonathan He

Right Temple			
Test Date	10 November 2025	Test By	Jonathan He

RESULTS

Please refer to appendix A.

6 DB DTS BANDWIDTH AND 99 % OCCUPIED BANDWIDTH

LIMITS

CFR 47FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 4			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5
ISED RSS-Gen Clause 6.7	99 % Occupied Bandwidth	None; for reporting purposes only.	2400-2483.5

TEST PROCEDURE

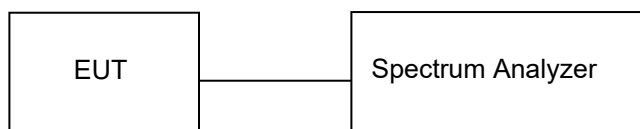
Refer to ANSI C63.10-2020 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth. Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99% Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RBW	For 6dB Bandwidth: 1 % to 5 % of the occupied bandwidth but no less than 100 kHz For 99% Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6dB Bandwidth: $\geq 3 \times$ RBW For 99% Occupied Bandwidth: $\geq 3 \times$ RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.

b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Left Temple			
Temperature	26.8 °C	Relative Humidity	52 %
Test Voltage	DC 3.7 V		

Right Temple			
Temperature	26 °C	Relative Humidity	48 %
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Left Temple			
Test Date	11 November 2025	Test By	Jonathan He

Right Temple			
Test Date	10 November 2025	Test By	Jonathan He

RESULTS

Please refer to appendix B & C.

CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 4			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3) ISED RSS-247 5.4 (d)	Conducted Output Power	1 watt or 30 dBm	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.9.

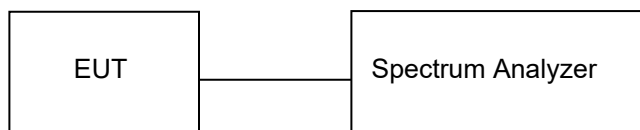
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	$\geq 3 \times \text{RBW}$
Detector	Peak
RBW	$\geq \text{DTS bandwidth}$
VBW	$\geq 3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto couple

Allow trace to fully stabilize and use the marker-to-peak function to set the marker to the peak of the emission.

The indicated level is the peak conducted output power, after any corrections for external attenuators and cables.

TEST SETUP



TEST ENVIRONMENT

Left Temple			
Temperature	26.8 °C	Relative Humidity	52 %
Test Voltage	DC 3.7 V		

Right Temple			
Temperature	26 °C	Relative Humidity	48 %
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Left Temple			
Test Date	11 November 2025	Test By	Jonathan He

Right Temple			
Test Date	10 November 2025	Test By	Jonathan He

RESULTS

Please refer to appendix D.

POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 4			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC §15.247 (e) ISED RSS-247 5.2 (b)	Power Spectral Density	8 dBm in any 3 kHz band	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.10.

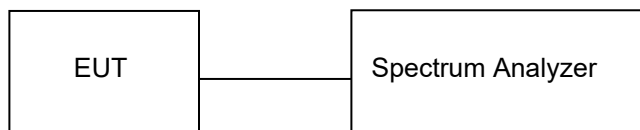
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
Span	>1.5 times the DTS bandwidth.
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST SETUP



TEST ENVIRONMENT

Left Temple			
Temperature	26.8 °C	Relative Humidity	52 %
Test Voltage	DC 3.7 V		

Right Temple			
Temperature	26 °C	Relative Humidity	48 %
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Left Temple			
Test Date	11 November 2025	Test By	Jonathan He

Right Temple			
Test Date	10 November 2025	Test By	Jonathan He

RESULTS

Please refer to appendix E.

CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C ISED RSS-247 ISSUE 4		
Section	Test Item	Limit
CFR 47 FCC §15.247 (d) ISED RSS-247 5.5	Conducted Bandedge and Spurious Emissions	at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 11.11.

Connect the EUT to the spectrum analyzer and use the following settings for reference level measurement:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	$\geq 1.5 \times \text{DTS bandwidth}$
Trace	Max hold
Sweep time	Auto couple

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level.

Change the settings for emission level measurement:

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
measurement points	$\geq \text{span/RBW}$
Trace	Max hold
Sweep time	Auto couple.

Allow trace to fully stabilize and use the peak marker function to determine the maximum PSD level. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11.

TEST SETUP



TEST ENVIRONMENT

Left Temple			
Temperature	26.8 °C	Relative Humidity	52 %
Test Voltage	DC 3.7 V		

Right Temple			
Temperature	26 °C	Relative Humidity	48 %
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Left Temple			
Test Date	11 November 2025/26 November 2025	Test By	Jonathan He

Right Temple			
Test Date	10 November 2025/26 November 2025	Test By	Jonathan He

RESULTS

Please refer to appendix F.

RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.
Please refer to ISSED RSS-GEN Clause 8.9 and Clause 8.10.
Radiation Disturbance Test Limit

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit	Field Strength Limit	
	(dBuV/m) at 3 m	(dBuV/m) at 3 m	
	Quasi-Peak	Peak	Average
30 - 88	40.00	/	
88 - 216	43.52	/	
216 - 960	46.02	/	
Above 960	53.98	/	
Above 1000	/	74	54

FCC Emissions radiated outside of the specified frequency bands below 30 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

FCC Restricted bands of operation refer to FCC §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement distance (m)
9 - 490 kHz ^{Note 1}	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

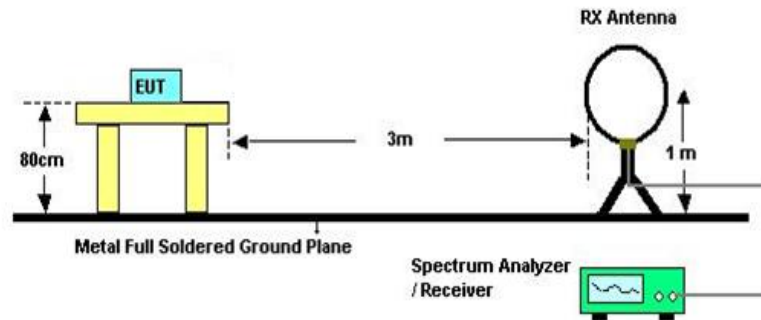
ISED Restricted bands please refer to ISED RSS-GEN Clause 8.10

Table 7 – Restricted frequency bands ^{Note 1}		
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.028	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5480	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138		

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

TEST SETUP AND PROCEDURE

Below 30 MHz

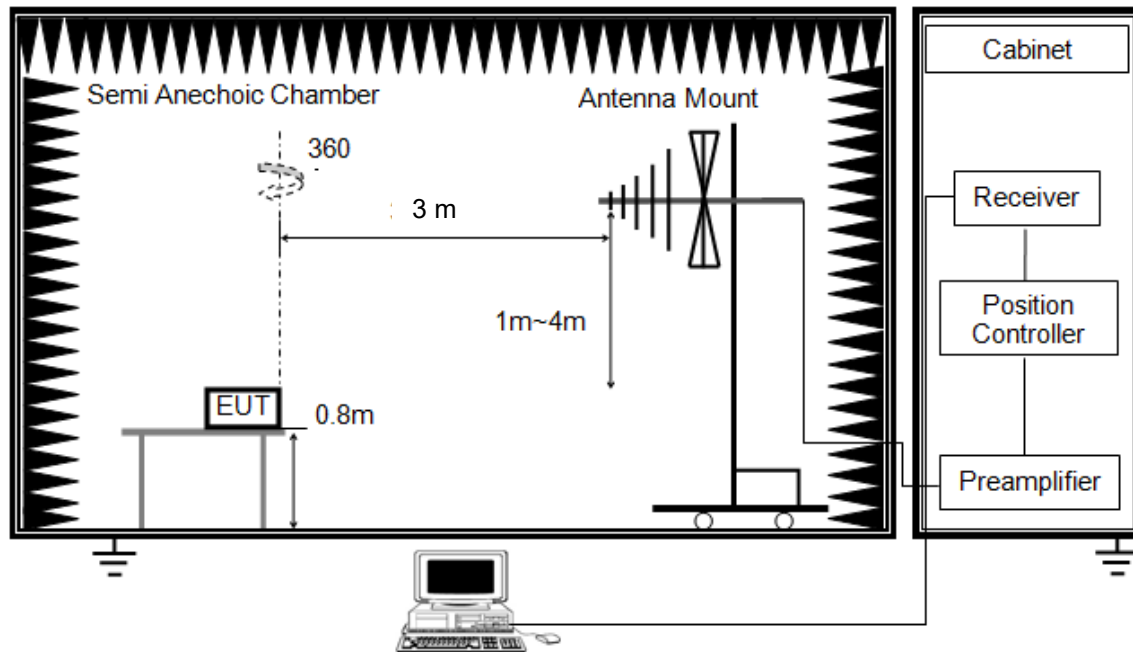


The setting of the receiver:

RBW	200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz)
VBW	600 Hz (From 0.9 kHz to 0.15 MHz) / 30 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 11.11.
2. The EUT was arranged to its worst case and then turntable (from 0 degrees to 360 degrees) to find the maximum reading. A pre-amp is used for the test in order to get better signal levels. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. The initial step in collecting emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured.
7. Although these tests were performed other than the open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

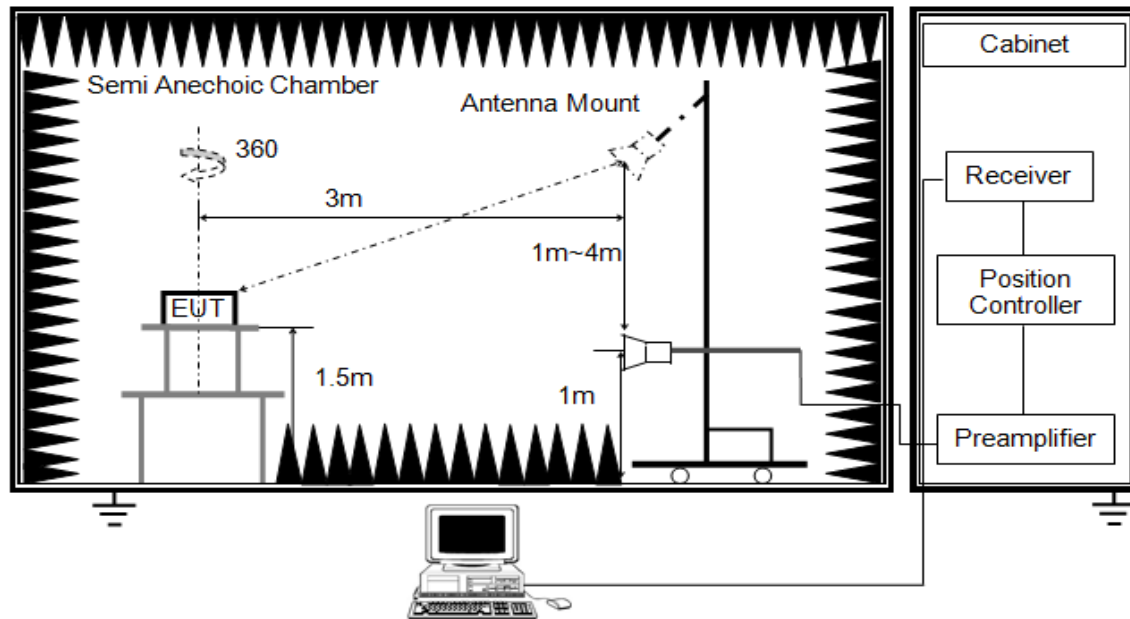


The setting of the receiver:

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 11.11.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. The initial step in collecting 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.

Above 1 GHz

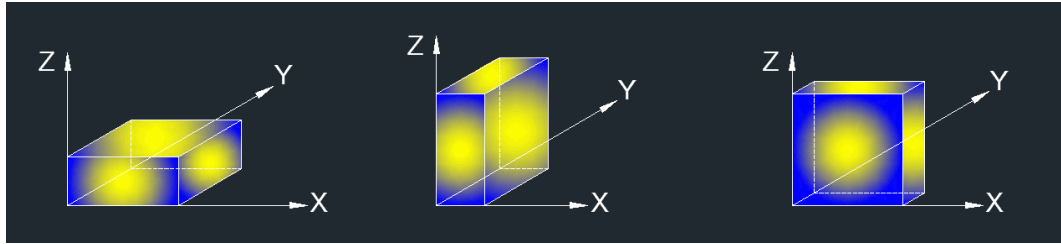


The setting of the spectrum analyzer

RBW	1 MHz
VBW	Peak: 3 MHz Average: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

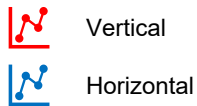
1. The testing follows the guidelines in ANSI C63.10-2020 clauses 11.11 and 11.12.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a band reject filter/high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. The initial step in collecting emission data is a receiver peak detector mode pre-scanning the measurement frequency range. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the peak values are less than the average limit of 54 dBuV/m, the Average result is deemed to comply with average limit.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Y axis) data recorded in the report.

TEST DATA GRAPH LEGEND



RESULTS

RESTRICTED BANDEDGE

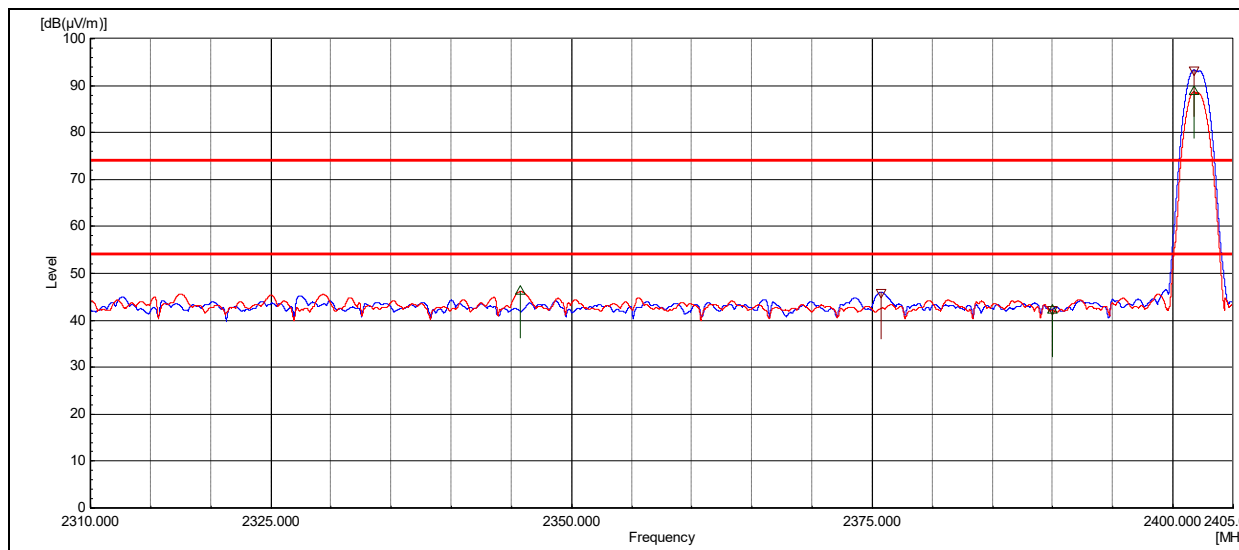
TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	21 October 2025	Test By	Denny Huang
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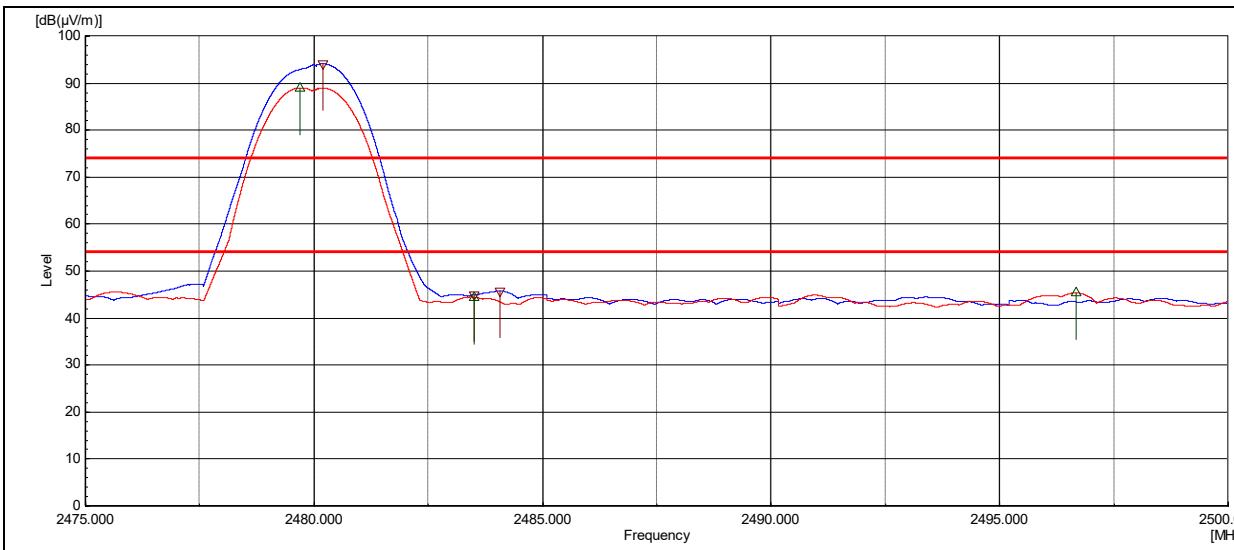
LEFT TEMPLE LE 1M MODE RESTRICTED BANDEDGE (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2345.764	V	14.1	32	46.1	74	27.9
2375.71	H	14.2	31.8	46	74	28
2390	V	10.4	31.7	42.1	74	31.9
2390	H	10.7	31.7	42.4	74	31.6

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. Peak: Peak detector.

LEFT TEMPLE LE 1M MODE RESTRICTED BANDEDGE (HIGH CHANNEL)



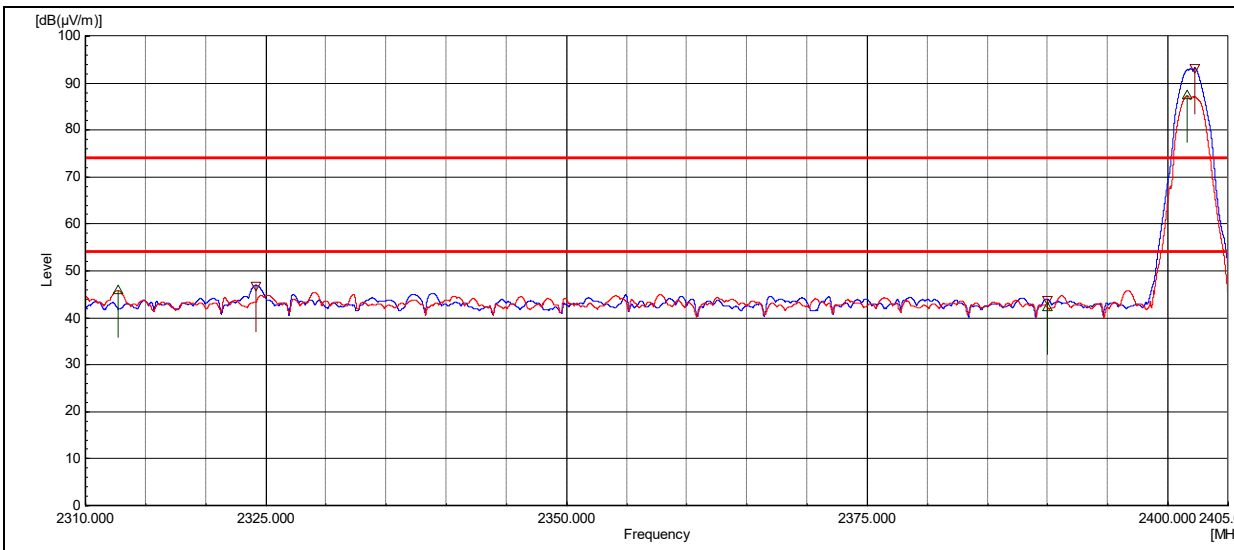
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2483.5	V	12.6	31.8	44.4	74	29.6
2483.5	H	13.1	31.8	44.9	74	29.1
2484.058	H	14	31.8	45.8	74	28.2
2496.665	V	13.5	31.8	45.3	74	28.7

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. Peak: Peak detector.

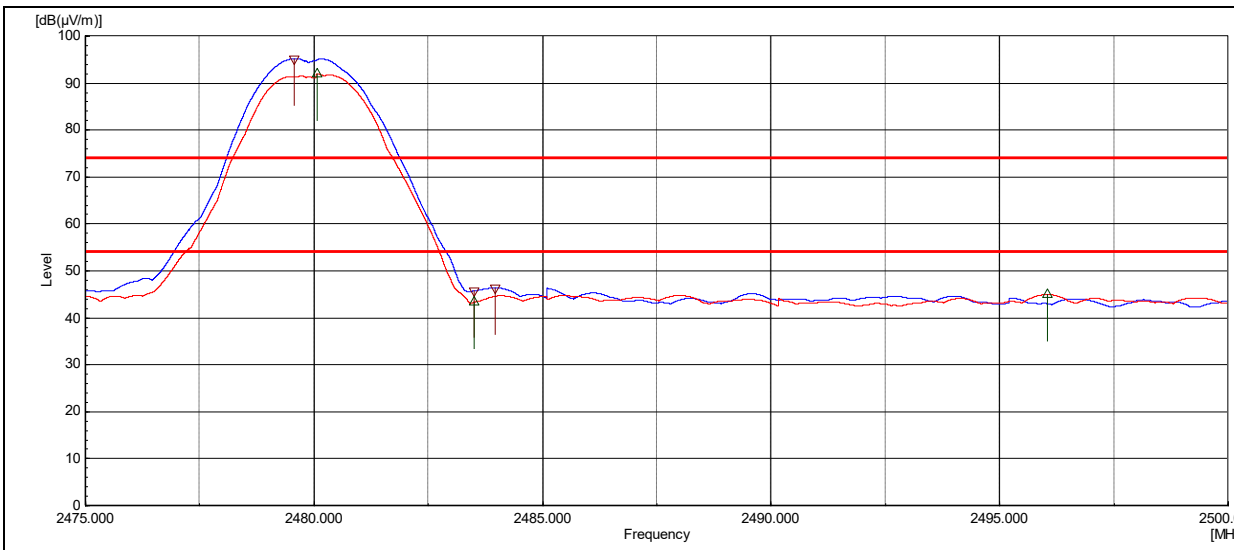
LEFT TEMPLE LE 2M MODE RESTRICTED BANDEDGE (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2312.677	V	13.8	32	45.8	74	28.2
2324.159	H	14.9	32	46.9	74	27.1
2390	V	10.5	31.7	42.2	74	31.8
2390	H	12.2	31.7	43.9	74	30.1

Note: 1. Level = Reading (Level) + (Correct) Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
3. Peak: Peak detector.

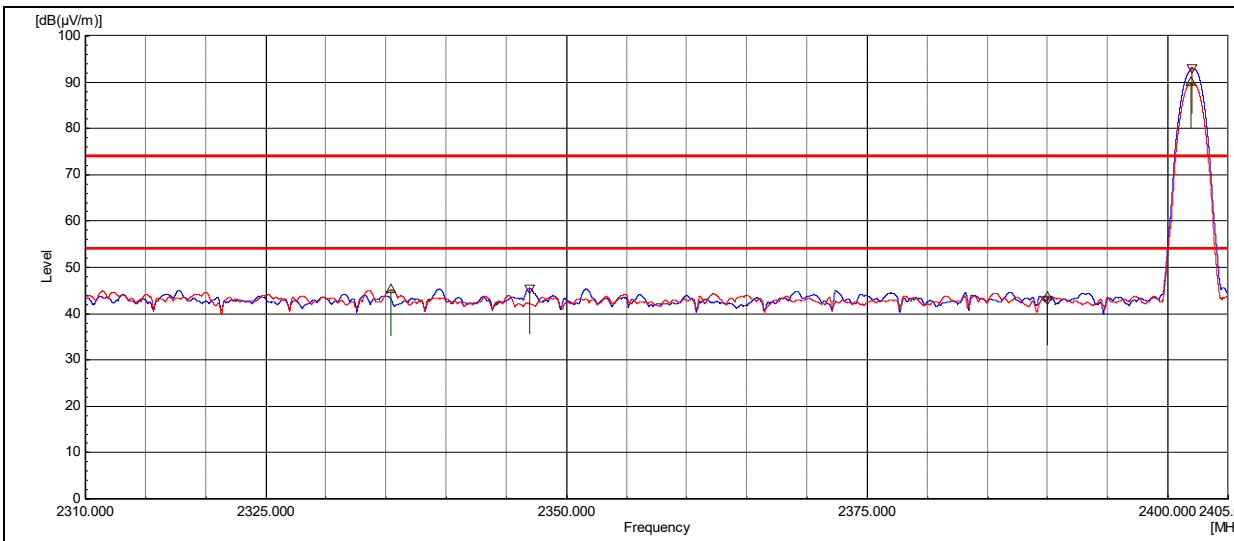
LEFT TEMPLE LE 2M MODE RESTRICTED BANDEDGE (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2483.5	H	13.9	31.8	45.7	74	28.3
2483.5	V	11.5	31.8	43.3	74	30.7
2483.965	H	14.6	31.8	46.4	74	27.6
2496.037	V	13.2	31.8	45	74	29

Note: 1. Level = Reading (Level) + (Correct) Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
3. Peak: Peak detector.

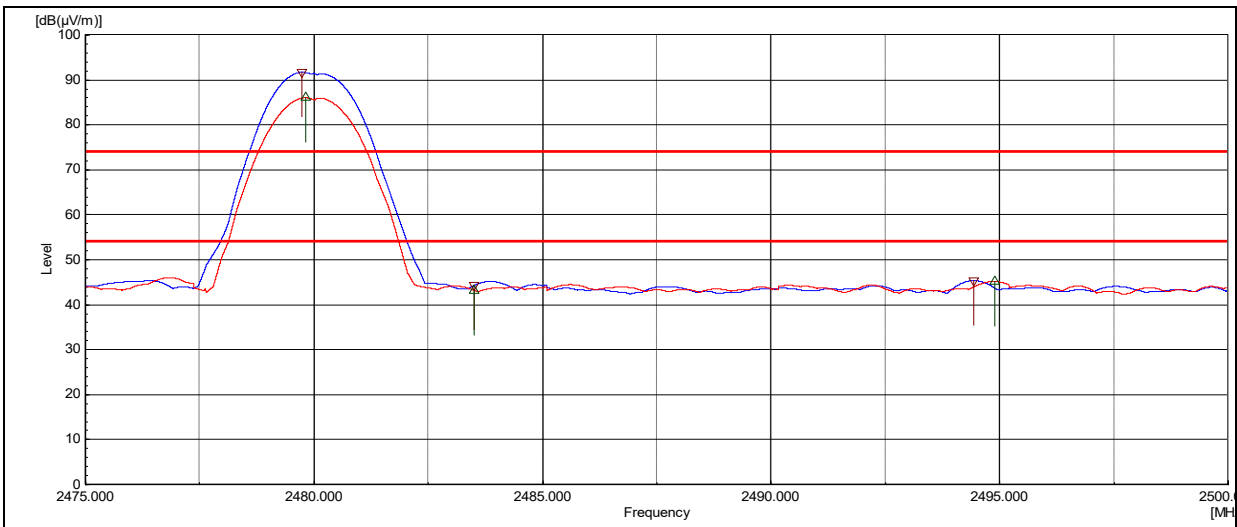
RIGHT TEMPLE LE 1M MODE RESTRICTED BANDEDGE (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2390	V	11.9	31.7	43.6	74	30.4
2390	H	11.4	31.7	43.1	74	30.9
2346.928	H	13.5	32	45.5	74	28.5
2335.411	V	13.2	32	45.2	74	28.8

Note: 1. Level = Reading (Level) + (Correct) Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
3. Peak: Peak detector.

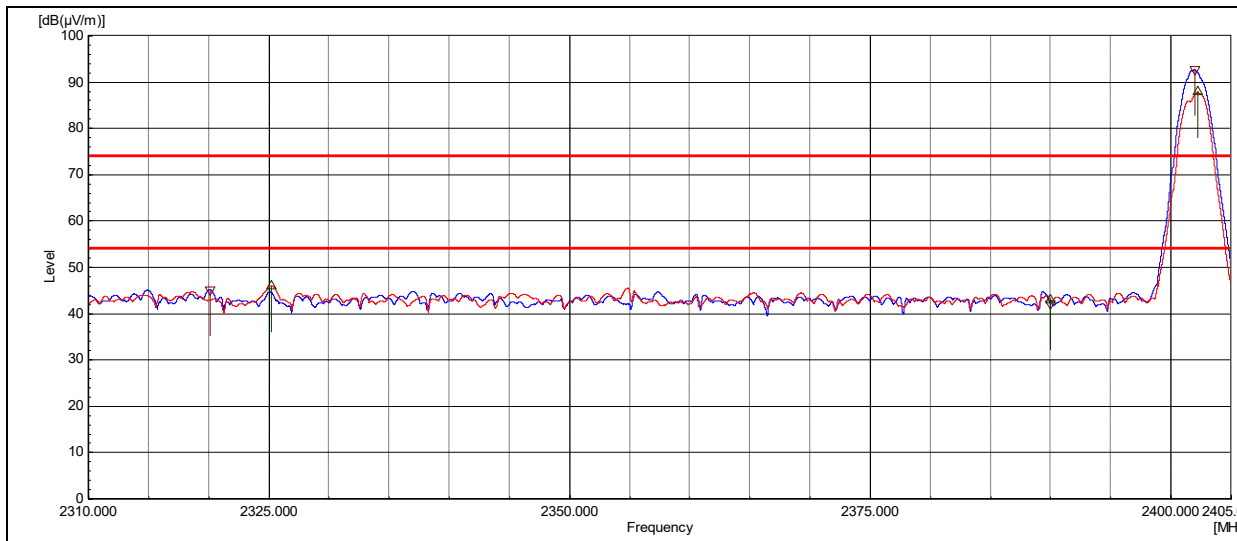
RIGHT TEMPLE LE 1M MODE RESTRICTED BANDEDGE (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2483.5	V	11.4	31.8	43.2	74	30.8
2483.5	H	12.5	31.8	44.3	74	29.7
2494.435	H	13.6	31.8	45.4	74	28.6
2494.881	V	13.4	31.8	45.2	74	28.8

- Note: 1. Level = Reading (Level) + (Correct) Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
3. Peak: Peak detector.

RIGHT TEMPLE LE 2M MODE RESTRICTED BANDEDGE (LOW CHANNEL)



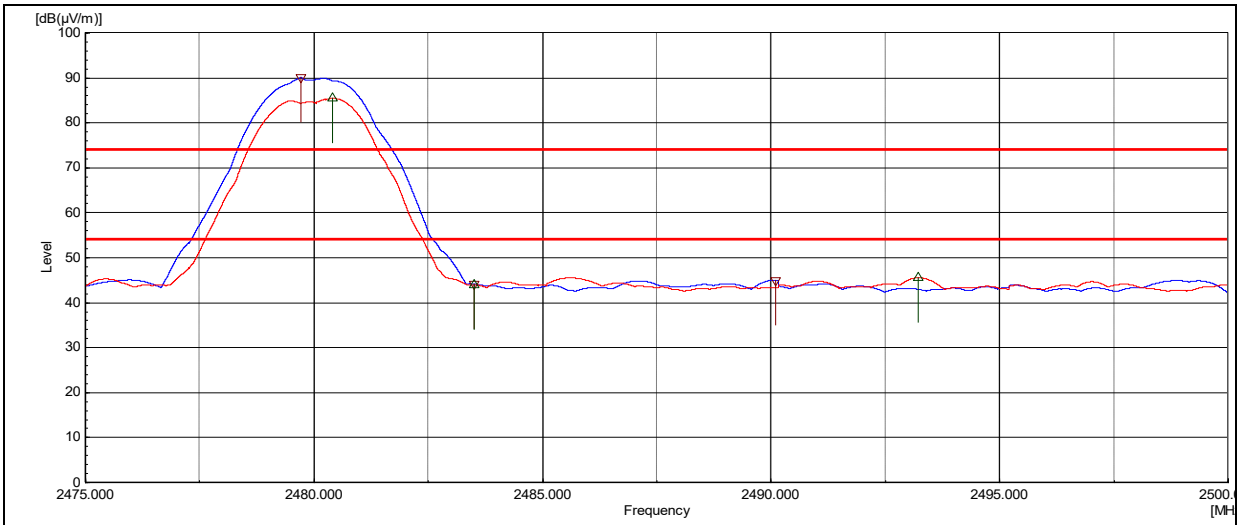
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2390	V	11.2	31.7	42.9	74	31.1
2390	H	10.5	31.7	42.2	74	31.8
2325.192	V	14	32	46	74	28
2320.075	H	13.1	32	45.1	74	28.9

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. Peak: Peak detector.

RIGHT TEMPLE LE 2M MODE RESTRICTED BANDEDGE (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
2483.5	V	12.2	31.8	44	74	30
2483.5	H	12.3	31.8	44.1	74	29.9
2490.088	H	13.2	31.8	45	74	29
2493.219	V	13.7	31.8	45.5	74	28.5

- Note: 1. Level = Reading (Level) + (Correct) Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
3. Peak: Peak detector.

SPURIOUS EMISSIONS (1 GHz ~ 3 GHz)

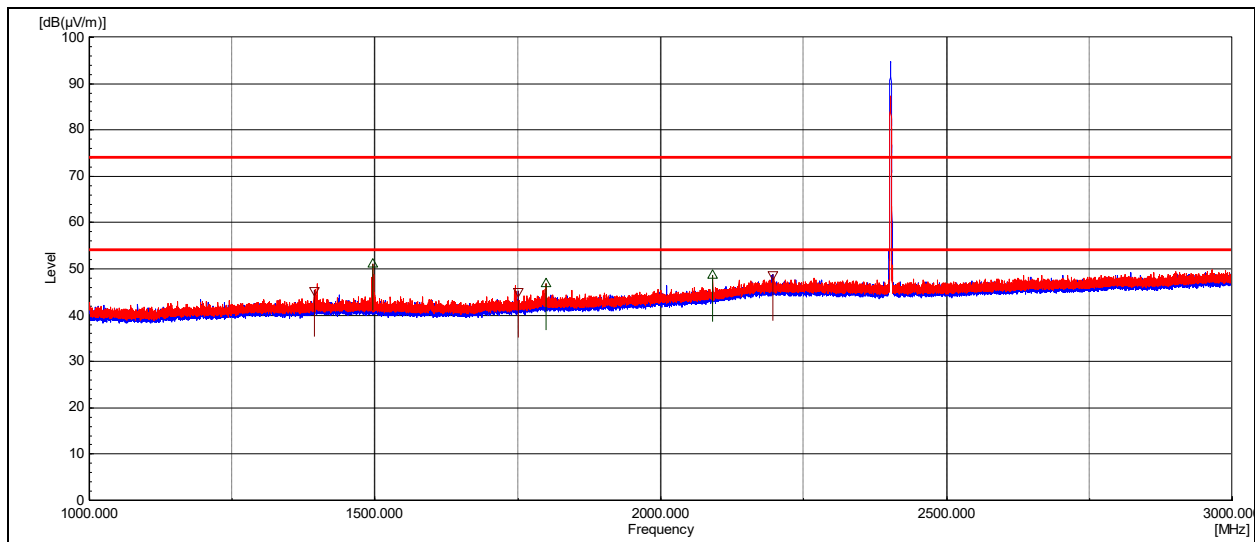
TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	21 October 2025	Test By	Denny Huang
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LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1394.304	H	16.3	29.1	45.4	74	28.6
1495.371	V	22	28.9	50.9	74	23.1
1750.228	H	16.5	28.7	45.2	74	28.8
1799.381	V	17.6	29.1	46.7	74	27.3
2091.204	V	17.8	30.8	48.6	74	25.4
2196.379	H	16.5	32.2	48.7	74	25.3

Note: 1. Level = Reading (Level) + (Correct) Factor.

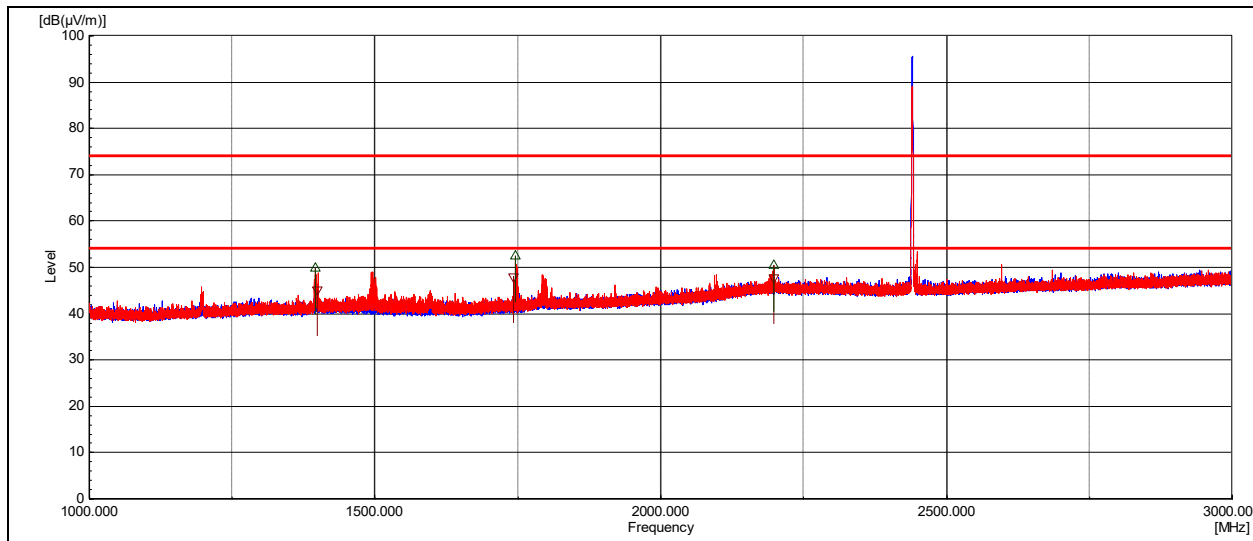
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.



LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1395.853	V	20.6	29.2	49.8	74	24.2
1398.277	H	16	29.2	45.2	74	28.8
1742.148	H	19.3	28.7	48	74	26
1744.774	V	23.7	28.7	52.4	74	21.6
2197.119	H	15.7	32.2	47.9	74	26.1
2197.456	V	18.2	32.2	50.4	74	23.6

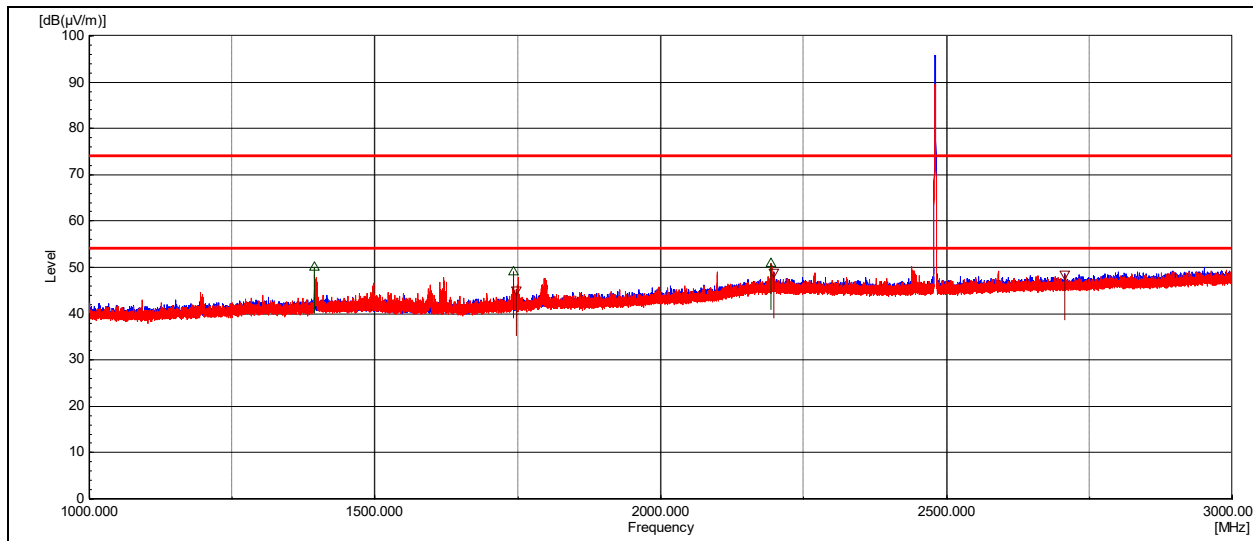
Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.

LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1393.631	V	20.8	29.1	49.9	74	24.1
1742.013	V	20.2	28.7	48.9	74	25.1
1747.669	H	16.5	28.7	45.2	74	28.8
2193.147	V	18.6	32.2	50.8	74	23.2
2197.995	H	16.7	32.2	48.9	74	25.1
2707.506	H	16.1	32.4	48.5	74	25.5

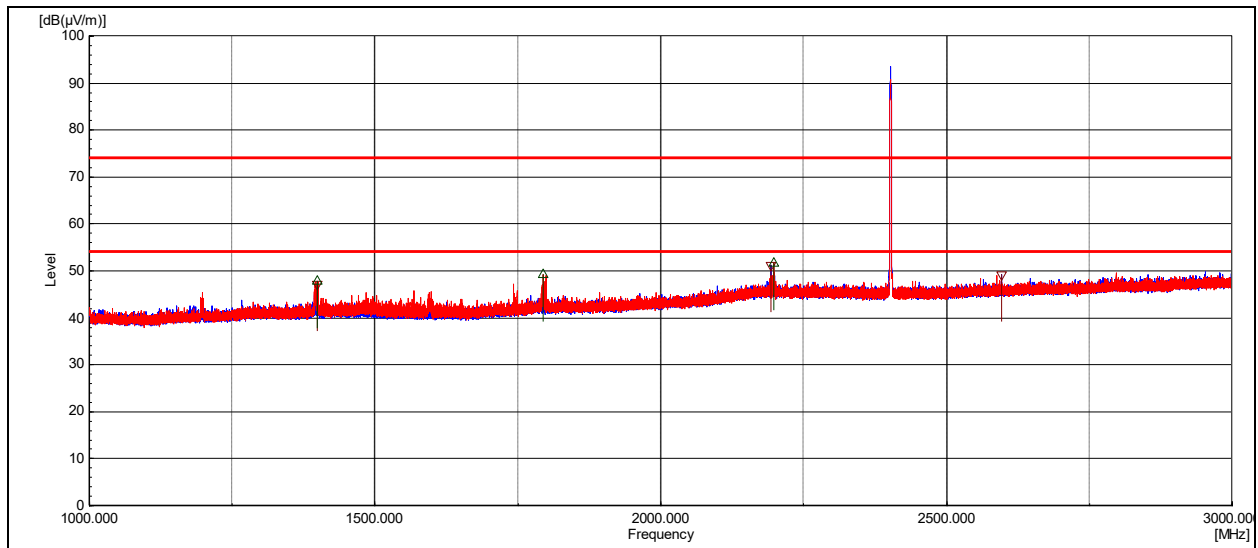
Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1398.075	V	18.5	29.2	47.7	74	26.3
1399.219	H	18	29.2	47.2	74	26.8
1794.197	V	20.2	29	49.2	74	24.8
2192.743	H	19	32.2	51.2	74	22.8
2198.264	V	19.4	32.2	51.6	74	22.4
2597.012	H	17.2	32	49.2	74	24.8

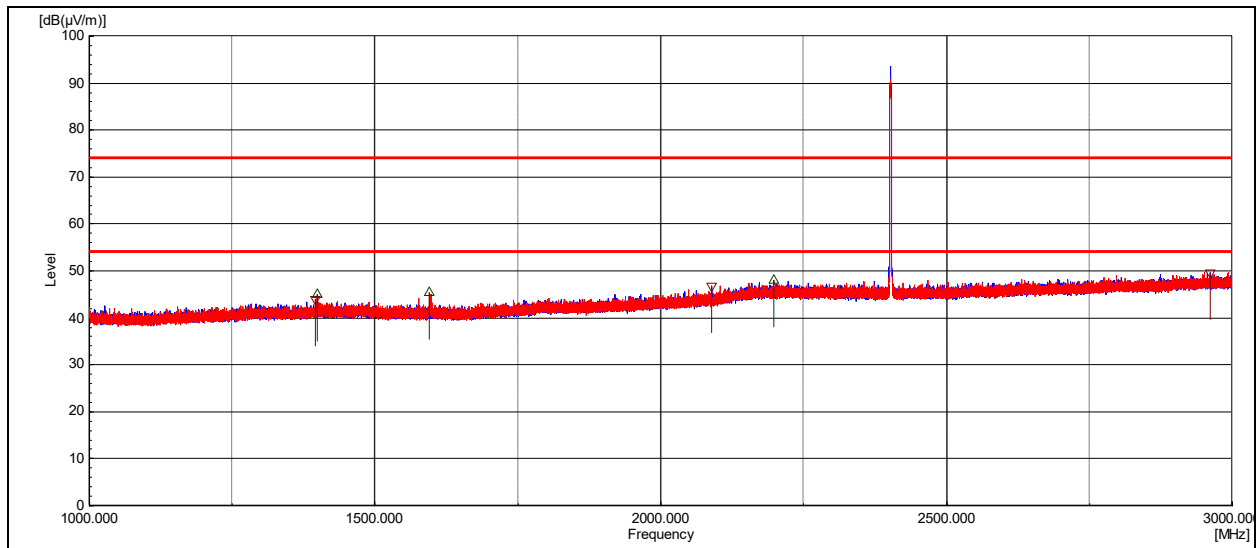
Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1395.112	H	14.8	29.1	43.9	74	30.1
1398.277	V	15.8	29.2	45	74	29
1595.429	V	16.7	28.6	45.3	74	28.7
2089.588	H	15.9	30.8	46.7	74	27.3
2197.254	V	15.7	32.2	47.9	74	26.1
2960.747	H	16.4	33.2	49.6	74	24.4

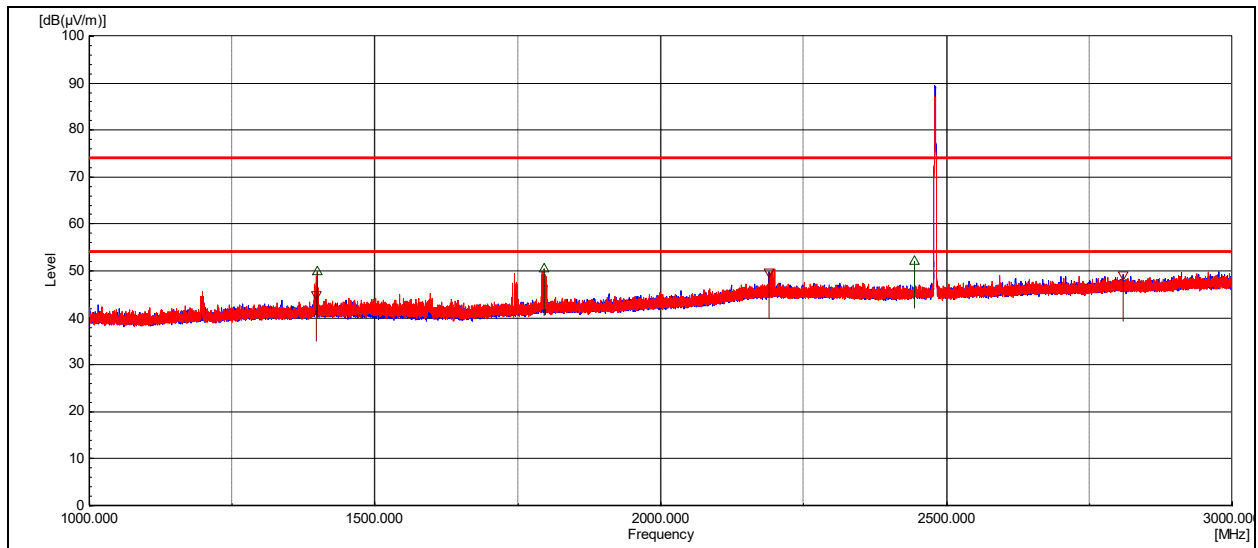
Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
1397.065	H	15.7	29.2	44.9	74	29.1
1398.613	V	20.6	29.2	49.8	74	24.2
1795.005	V	21.3	29	50.3	74	23.7
2189.982	H	17.5	32.2	49.7	74	24.3
2443.896	V	20.2	31.9	52.1	74	21.9
2809.314	H	16.3	32.9	49.2	74	24.8

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. All modes and channels have been tested, only the worst data was recorded in the report.

SPURIOUS EMISSIONS (3 GHz ~ 12 GHz)

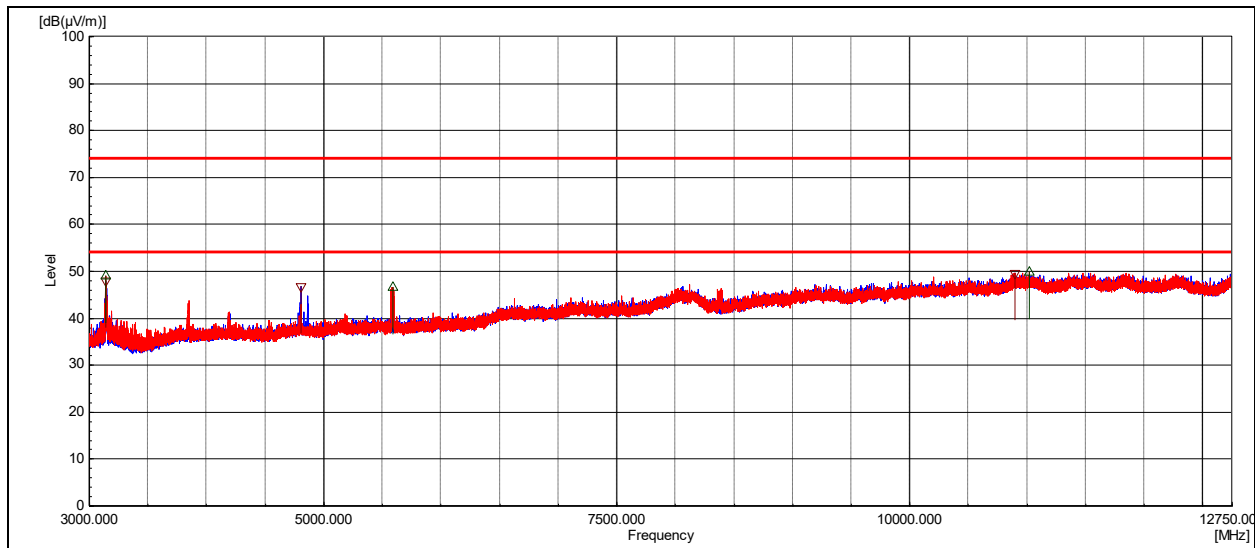
TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	21 October 2025	Test By	Denny Huang
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LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3135.239	V	67	-18	49	74	25
3139.178	H	66.1	-18	48.1	74	25.9
4803.734	H	62	-15.3	46.7	74	27.3
5585.297	V	60.9	-14.3	46.6	74	27.4
10896.05	H	54.6	-5	49.6	74	24.4
11018.49	V	54.5	-4.8	49.7	74	24.3

Note: 1. Level = Reading (Level) + (Correct) Factor.

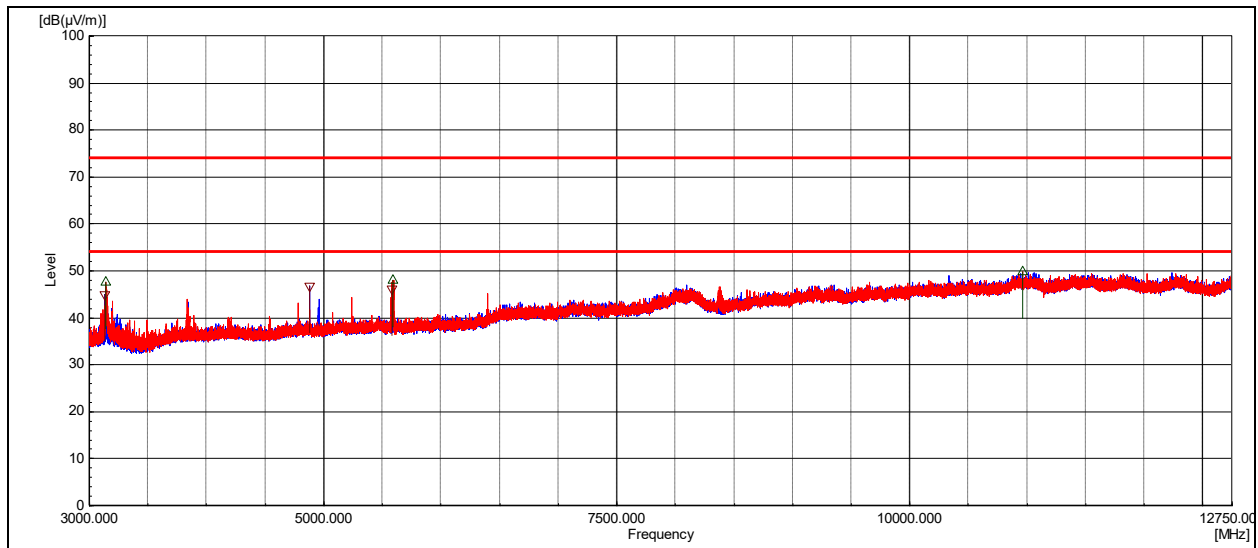
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3133.598	H	62.9	-18	44.9	74	29.1
3135.567	V	65.6	-18	47.6	74	26.4
4880.216	H	62.1	-15.3	46.8	74	27.2
5579.717	H	60.4	-14.3	46.1	74	27.9
5588.251	V	62.3	-14.3	48	74	26
10965.31	V	54.6	-4.8	49.8	74	24.2

Note: 1. Level = Reading (Level) + (Correct) Factor.

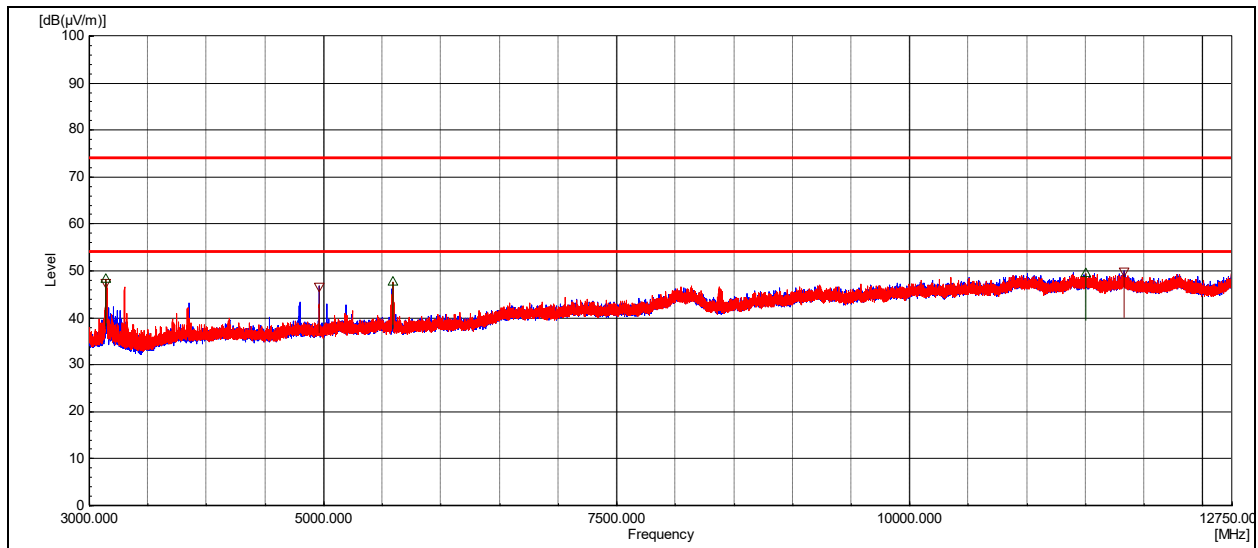
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3139.178	H	65.5	-18	47.5	74	26.5
3141.804	V	66.1	-18	48.1	74	25.9
4959.652	H	62.2	-15.3	46.9	74	27.1
5587.923	V	61.9	-14.3	47.6	74	26.4
11496.75	V	53.8	-4.3	49.5	74	24.5
11829.92	H	54.8	-4.8	50	74	24

Note: 1. Level = Reading (Level) + (Correct) Factor.

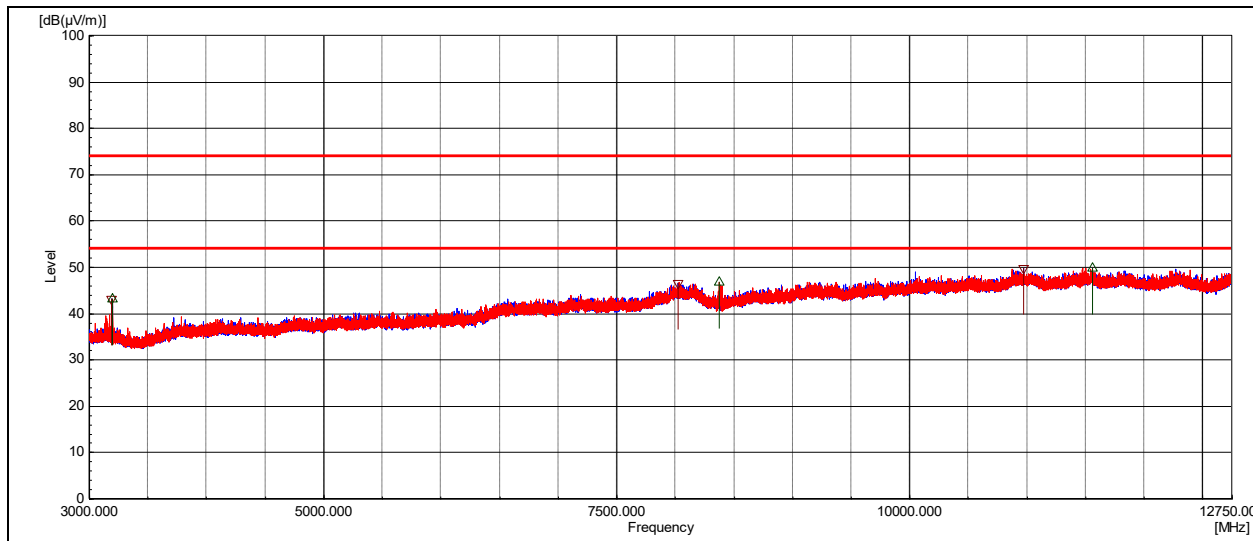
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

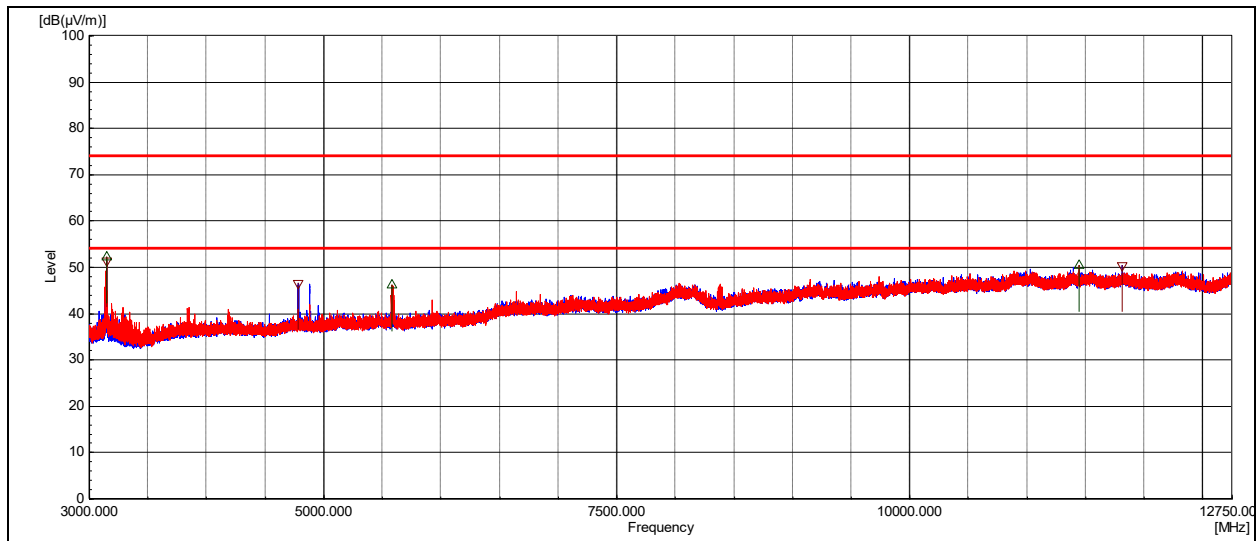
LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3185.461	H	61.2	-18	43.2	74	30.8
3193.339	V	61.1	-18	43.1	74	30.9
8019.599	H	55.4	-8.8	46.6	74	27.4
8371.811	V	57.8	-11	46.8	74	27.2
10966.96	H	54.6	-4.8	49.8	74	24.2
11559.78	V	54.1	-4.3	49.8	74	24.2

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

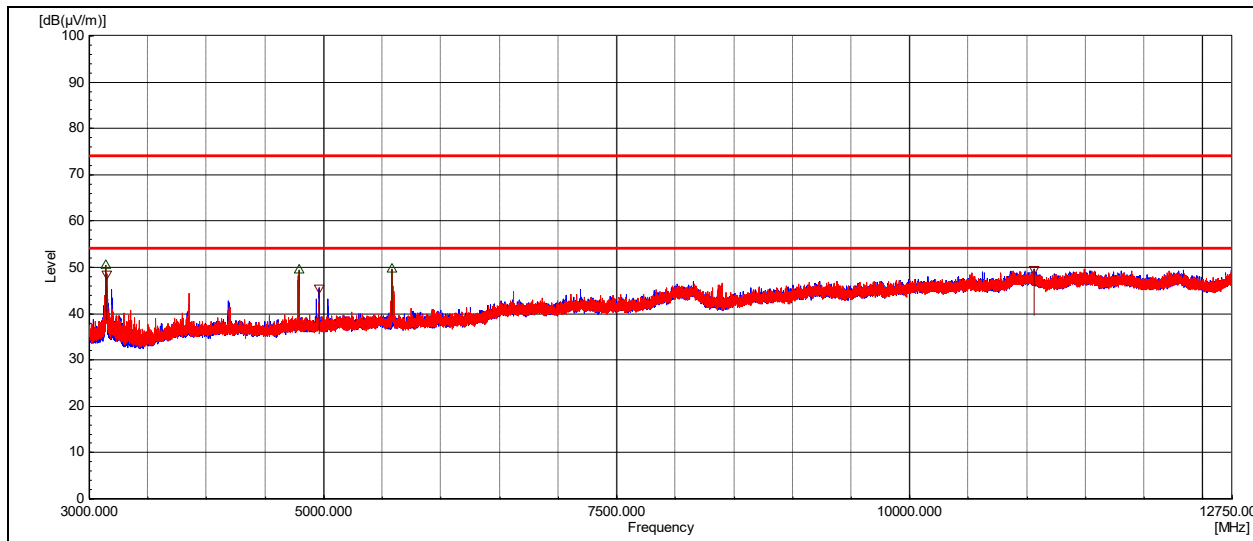
LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3147.712	V	70.2	-18	52.2	74	21.8
3148.697	H	69.4	-18	51.4	74	22.6
4784.039	H	62	-15.3	46.7	74	27.3
5583.656	V	60.5	-14.3	46.2	74	27.8
11441.28	V	55	-4.5	50.5	74	23.5
11808.26	H	55.2	-4.8	50.4	74	23.6

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3137.537	V	68.3	-18	50.3	74	23.7
3146.399	H	66.5	-18	48.5	74	25.5
4784.367	V	64.6	-15.3	49.3	74	24.7
4958.668	H	60.8	-15.3	45.5	74	28.5
5581.03	V	63.8	-14.3	49.5	74	24.5
11061.82	H	54.5	-4.8	49.7	74	24.3

Note: 1. Level = Reading (Level) + (Correct) Factor.

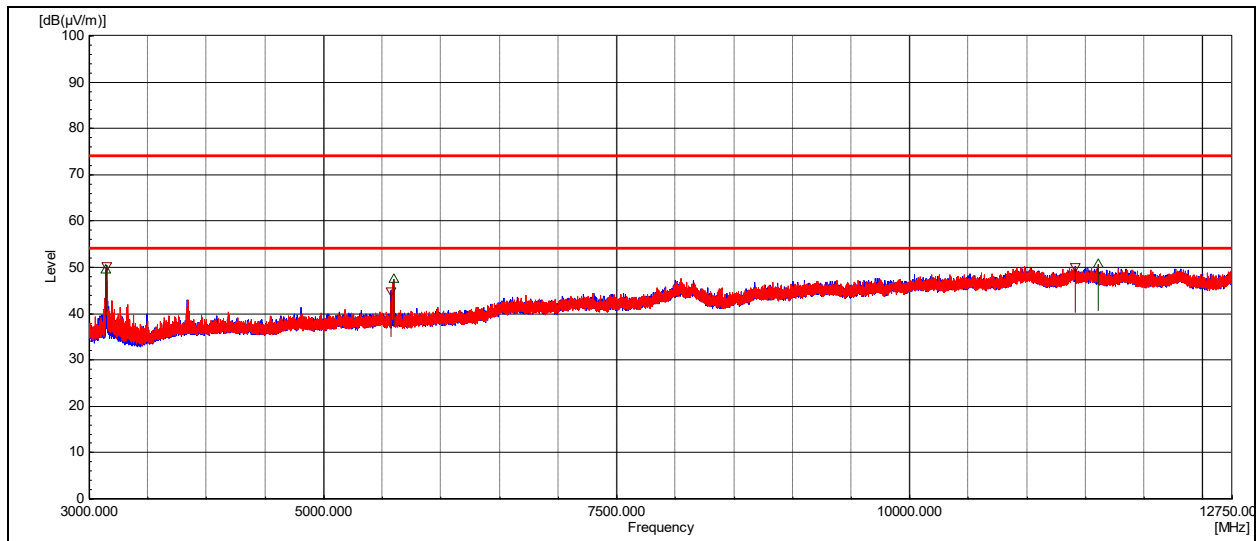
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



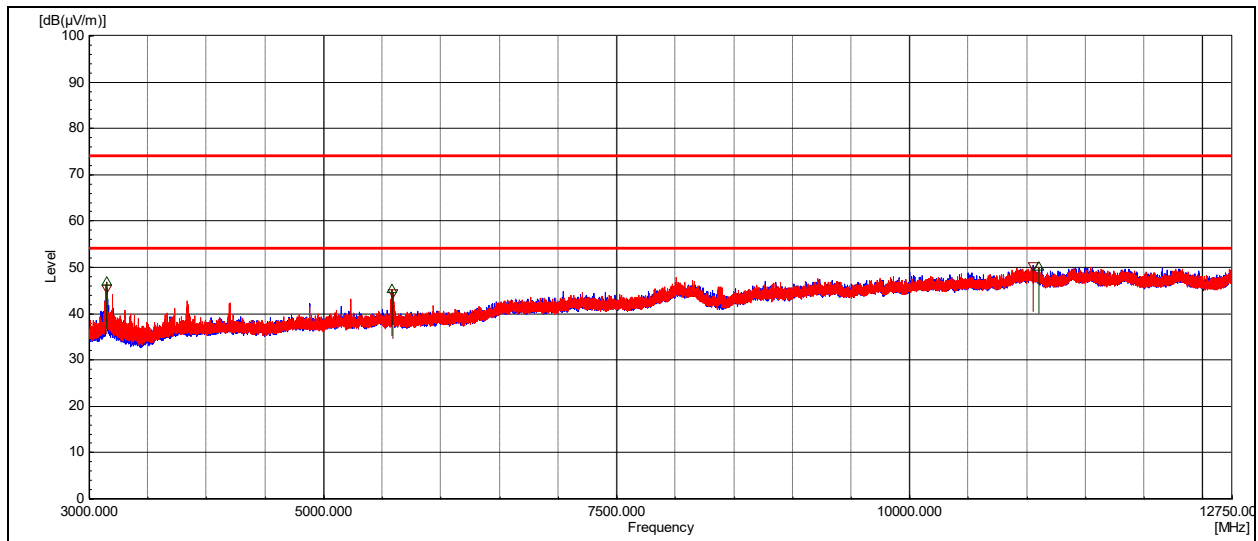
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3135.239	V	67.4	-18	49.4	74	24.6
3144.102	H	68.4	-18	50.4	74	23.6
5575.121	H	59.2	-14.3	44.9	74	29.1
5596.786	V	61.8	-14.3	47.5	74	26.5
11412.06	H	54.6	-4.4	50.2	74	23.8
11610	V	55.1	-4.6	50.5	74	23.5

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



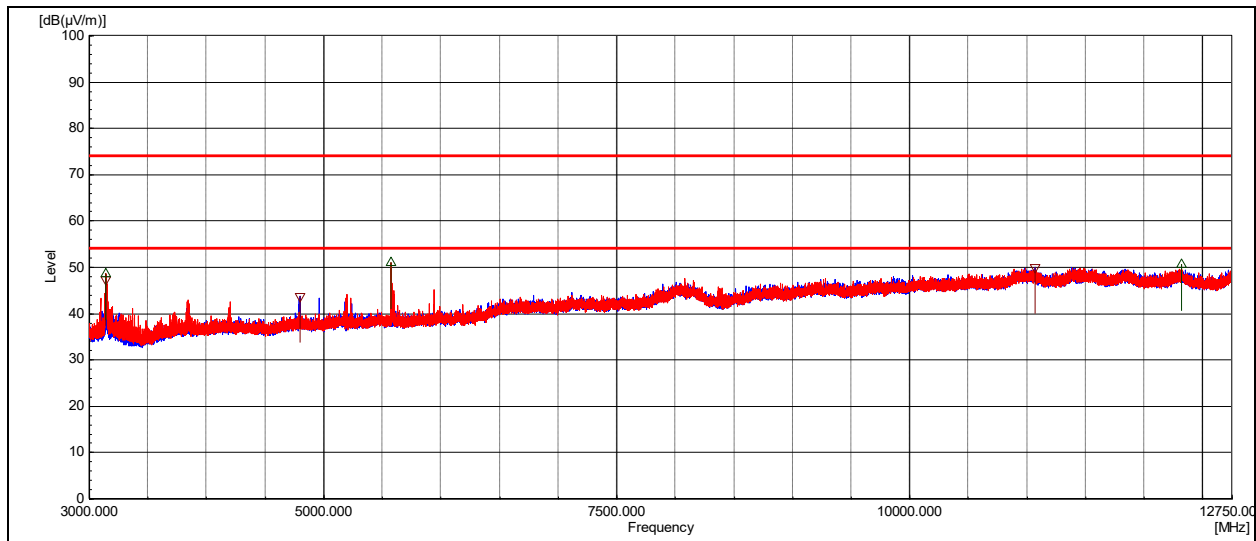
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3145.086	H	63.5	-18	45.5	74	28.5
3149.025	V	64.9	-18	46.9	74	27.1
5578.732	V	59.5	-14.3	45.2	74	28.8
5584.969	H	58.8	-14.3	44.5	74	29.5
11049.35	H	55.1	-4.8	50.3	74	23.7
11102.52	V	55	-4.9	50.1	74	23.9

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



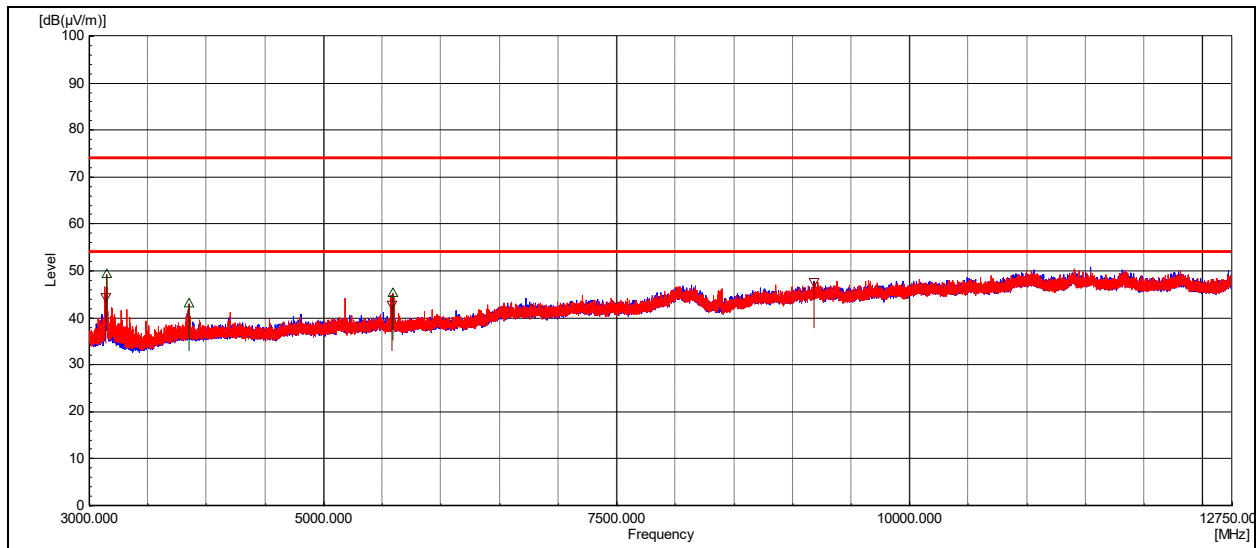
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3137.208	H	65.3	-18	47.3	74	26.7
3142.46	V	66.6	-18	48.6	74	25.4
4799.138	H	59	-15.3	43.7	74	30.3
5573.808	V	65.3	-14.3	51	74	23
11066.74	H	54.8	-4.8	50	74	24
12318.69	V	55	-4.4	50.6	74	23.4

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



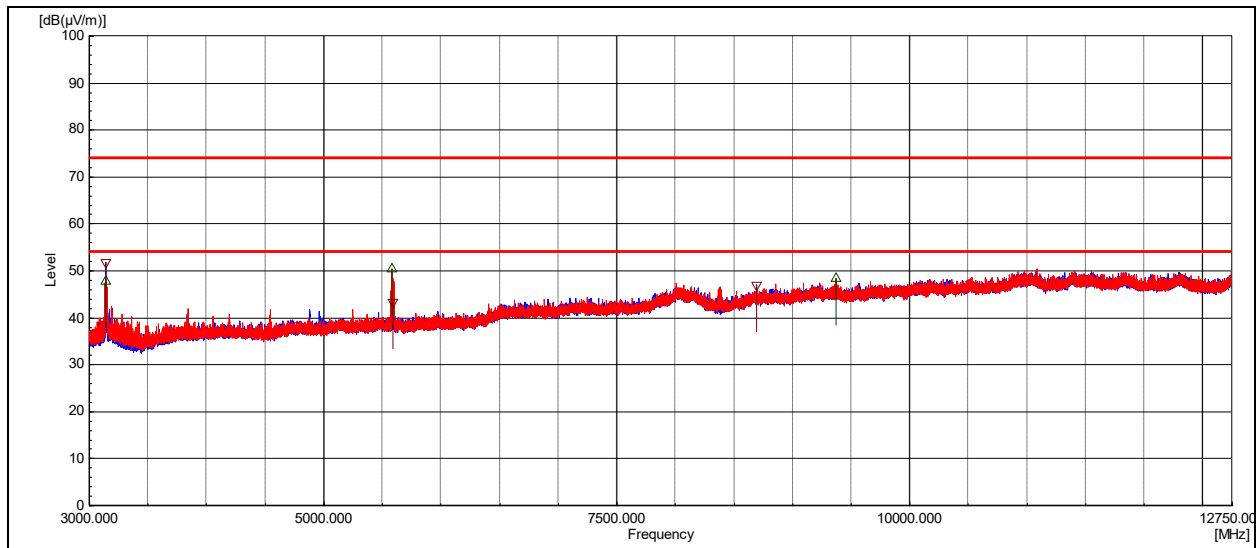
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3142.132	H	62.5	-18	44.5	74	29.5
3144.758	V	67.2	-18	49.2	74	24.8
3845.9	V	59.4	-16.6	42.8	74	31.2
5583.656	H	57.3	-14.3	43	74	31
5586.938	V	59.5	-14.3	45.2	74	28.8
9182.26	H	56.2	-8.4	47.8	74	26.2

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



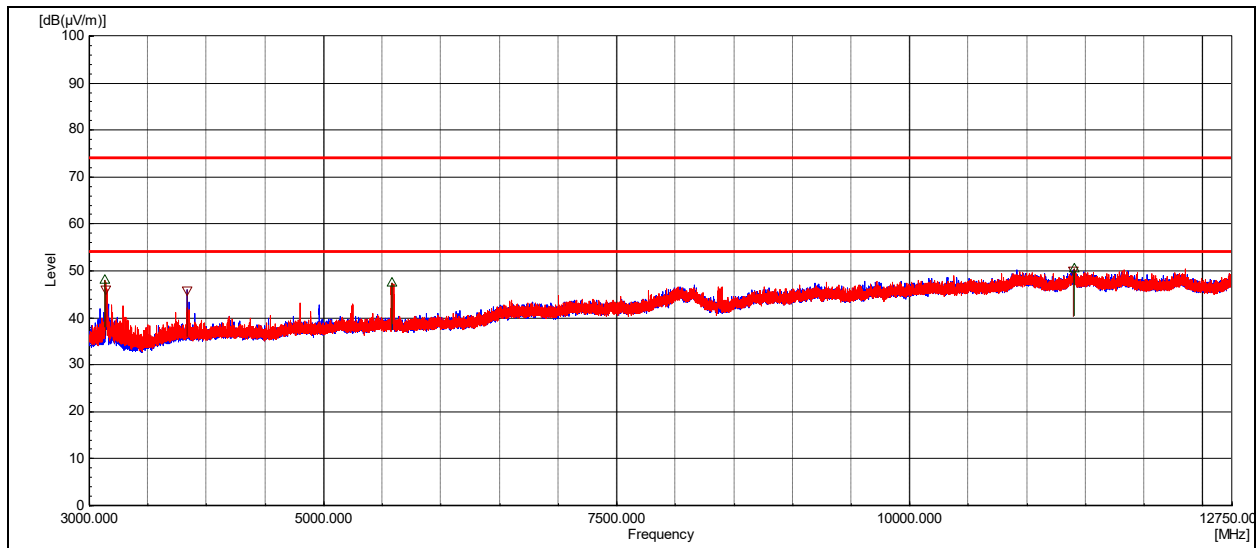
Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3139.834	H	69.7	-18	51.7	74	22.3
3141.804	V	65.9	-18	47.9	74	26.1
5579.389	V	64.6	-14.3	50.3	74	23.7
5592.519	H	57.6	-14.3	43.3	74	30.7
8695.138	H	56.5	-9.6	46.9	74	27.1
9370.348	V	57	-8.6	48.4	74	25.6

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
3134.254	V	66	-18	48	74	26
3141.804	H	64.3	-18	46.3	74	27.7
3834.083	H	62.7	-16.7	46	74	28
5577.419	V	61.6	-14.3	47.3	74	26.7
11395.32	H	54.6	-4.4	50.2	74	23.8
11401.89	V	54.8	-4.4	50.4	74	23.6

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

SPURIOUS EMISSIONS (12 GHz ~ 18 GHz)

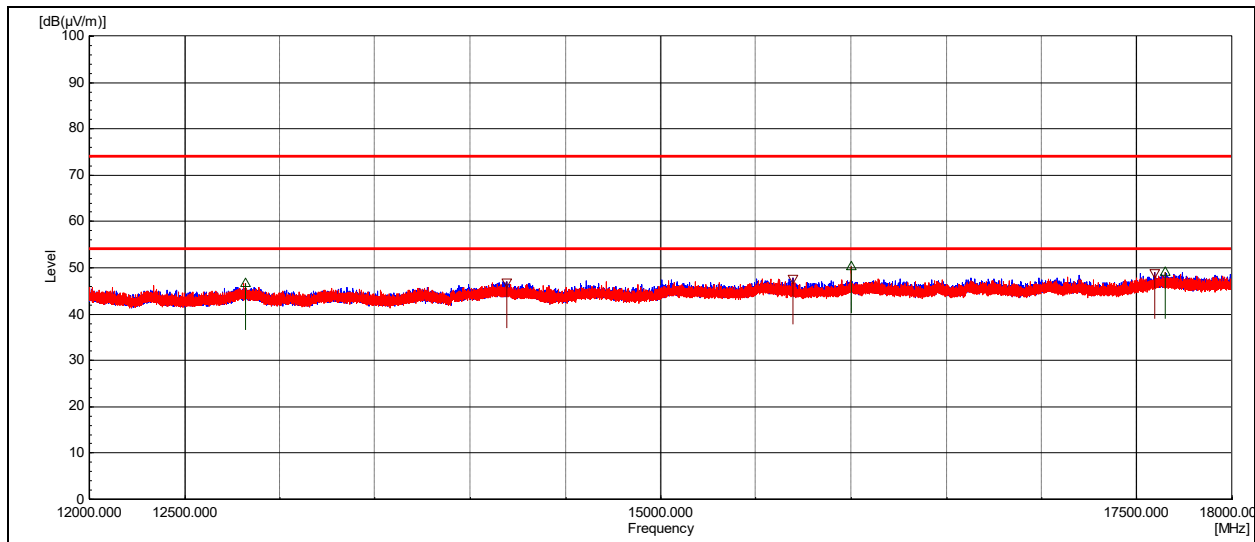
TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	21 October 2025	Test By	Denny Huang
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LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
12819.92	V	45.1	1.5	46.6	74	27.4
14191.5	H	45.5	1.5	47	74	27
15692.56	H	46.2	1.6	47.8	74	26.2
16000.61	V	47.9	2.3	50.2	74	23.8
17591.36	H	45.3	3.7	49	74	25
17646.91	V	45.3	3.8	49.1	74	24.9

Note: 1. Level = Reading (Level) + (Correct) Factor.

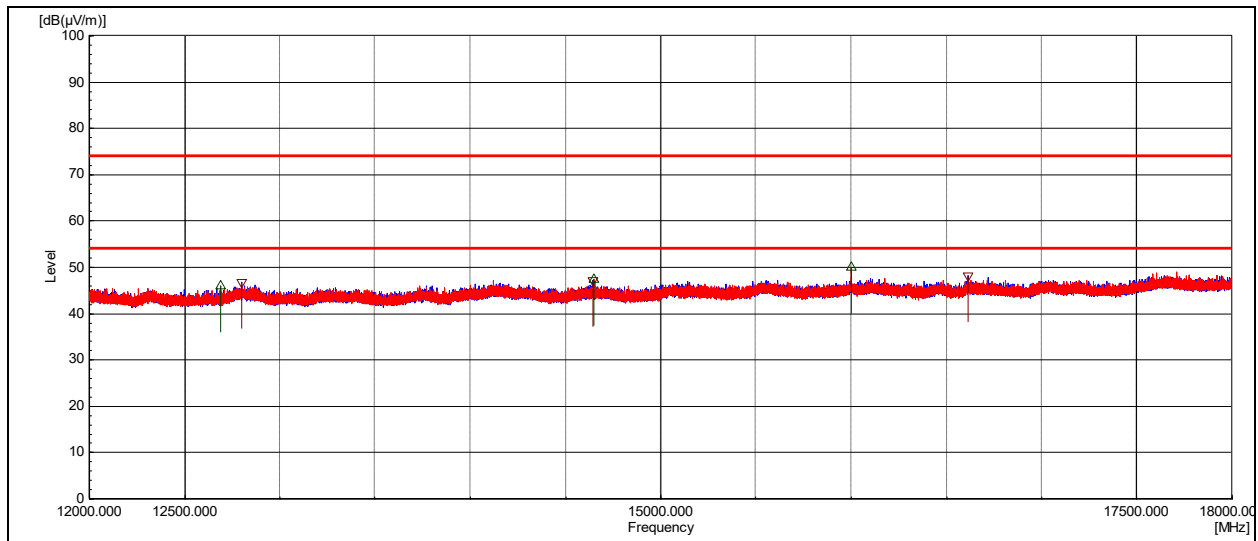
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
12687.2	V	45	1	46	74	28
12797.9	H	45.2	1.6	46.8	74	27.2
14640.95	H	46.2	1	47.2	74	26.8
14647.21	V	46.3	1	47.3	74	26.7
16000.41	V	47.7	2.3	50	74	24
16614.49	H	46	2.3	48.3	74	25.7

Note: 1. Level = Reading (Level) + (Correct) Factor.

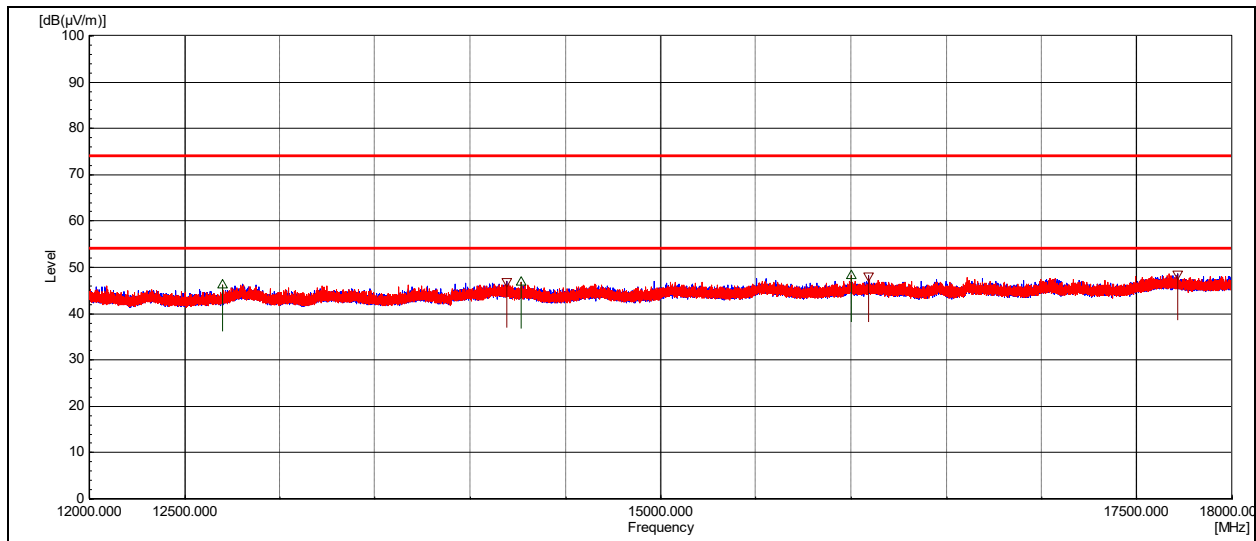
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

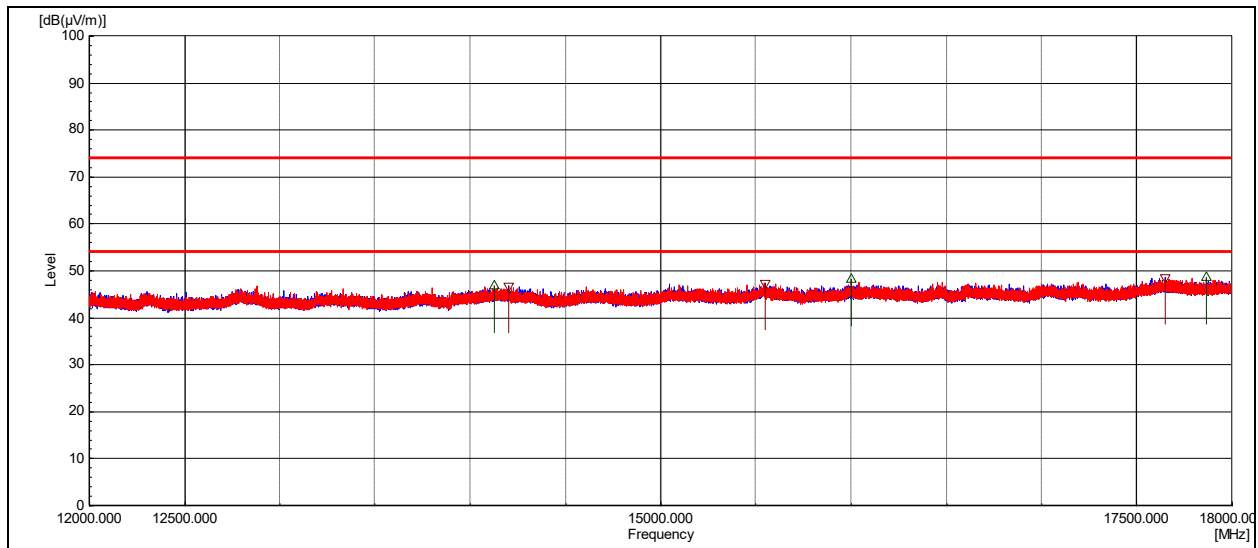
LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
12699.93	V	45.1	1.1	46.2	74	27.8
14189.48	H	45.4	1.5	46.9	74	27.1
14264.82	V	45.3	1.4	46.7	74	27.3
15999.6	V	45.9	2.3	48.2	74	25.8
16091.51	H	45.6	2.5	48.1	74	25.9
17713.17	H	44.8	3.7	48.5	74	25.5

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14127.67	V	45.3	1.4	46.7	74	27.3
14201.4	H	45.3	1.5	46.8	74	27.2
15548.74	H	45.4	1.9	47.3	74	26.7
16000.41	V	45.9	2.3	48.2	74	25.8
17648.73	H	44.8	3.8	48.6	74	25.4
17861.84	V	45.5	3.1	48.6	74	25.4

Note: 1. Level = Reading (Level) + (Correct) Factor.

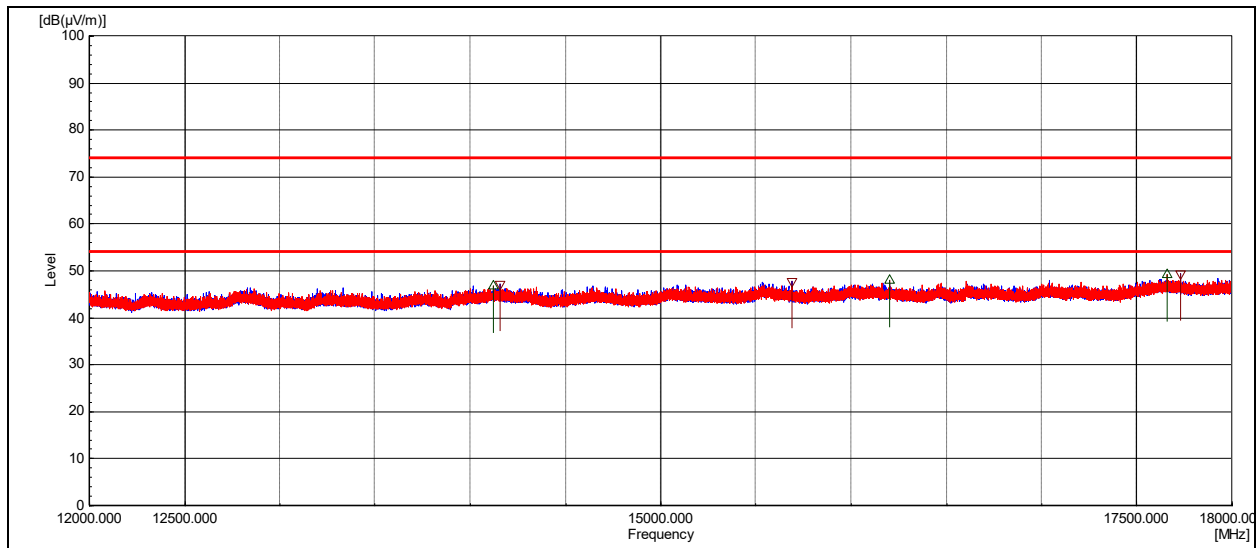
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14121.61	V	45.3	1.4	46.7	74	27.3
14154.33	H	45.7	1.4	47.1	74	26.9
15688.52	H	46.2	1.6	47.8	74	26.2
16199.38	V	45.9	2.2	48.1	74	25.9
17658.02	V	45.4	3.8	49.2	74	24.8
17727.71	H	45.9	3.6	49.5	74	24.5

Note: 1. Level = Reading (Level) + (Correct) Factor.

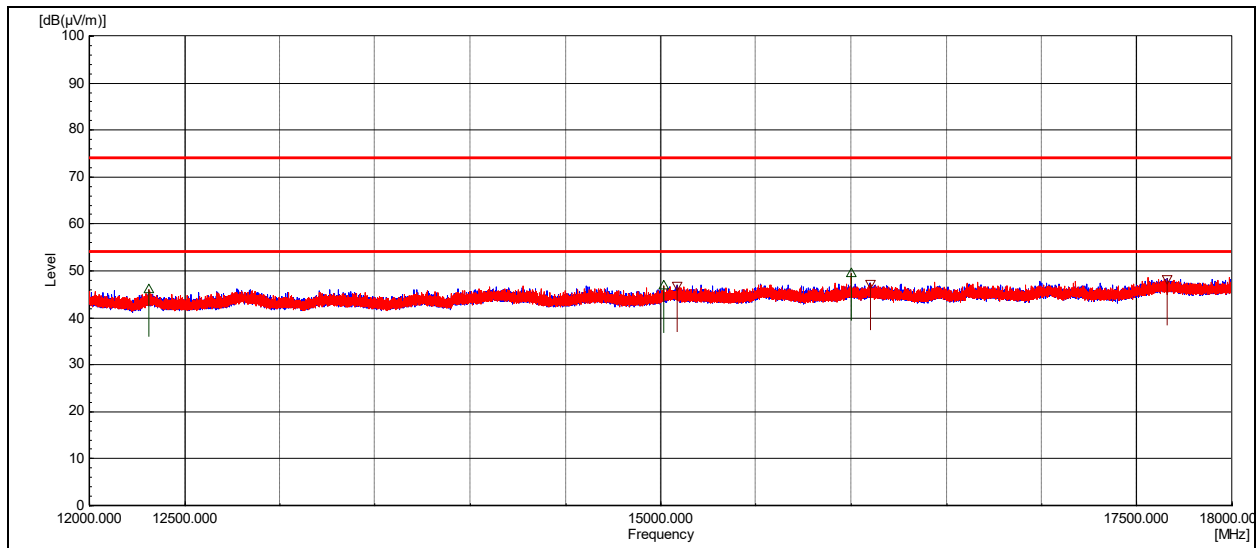
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

LEFT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
12310.88	V	44.7	1.2	45.9	74	28.1
15016.67	V	45.7	1.1	46.8	74	27.2
15082.92	H	45.7	1.2	46.9	74	27.1
15999.8	V	47	2.3	49.3	74	24.7
16100.2	H	45	2.5	47.5	74	26.5
17656.61	H	44.7	3.8	48.5	74	25.5

Note: 1. Level = Reading (Level) + (Correct) Factor.

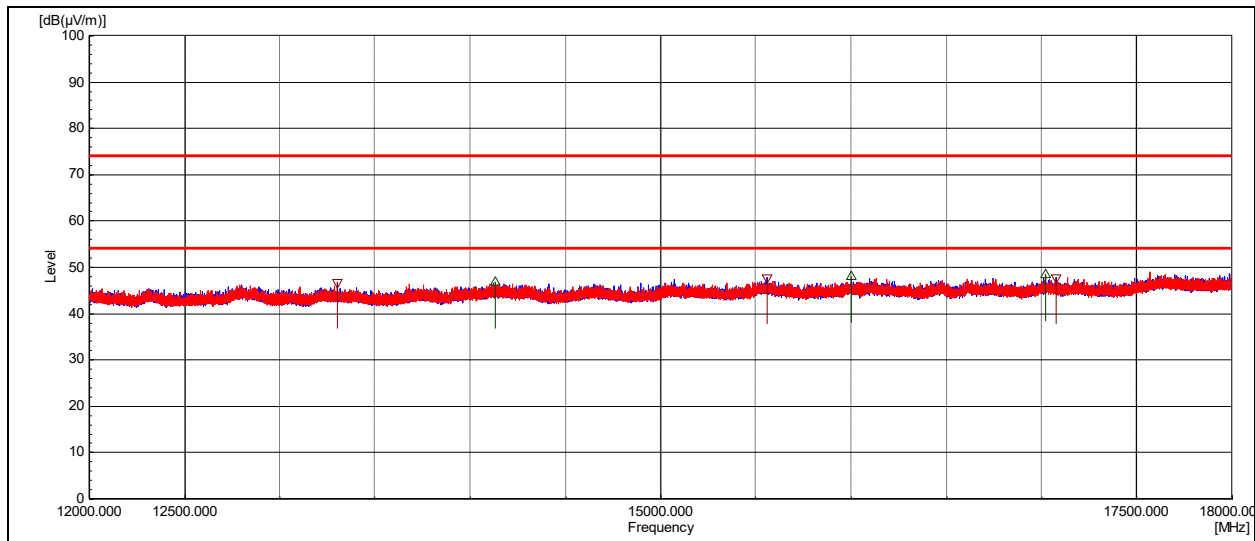
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

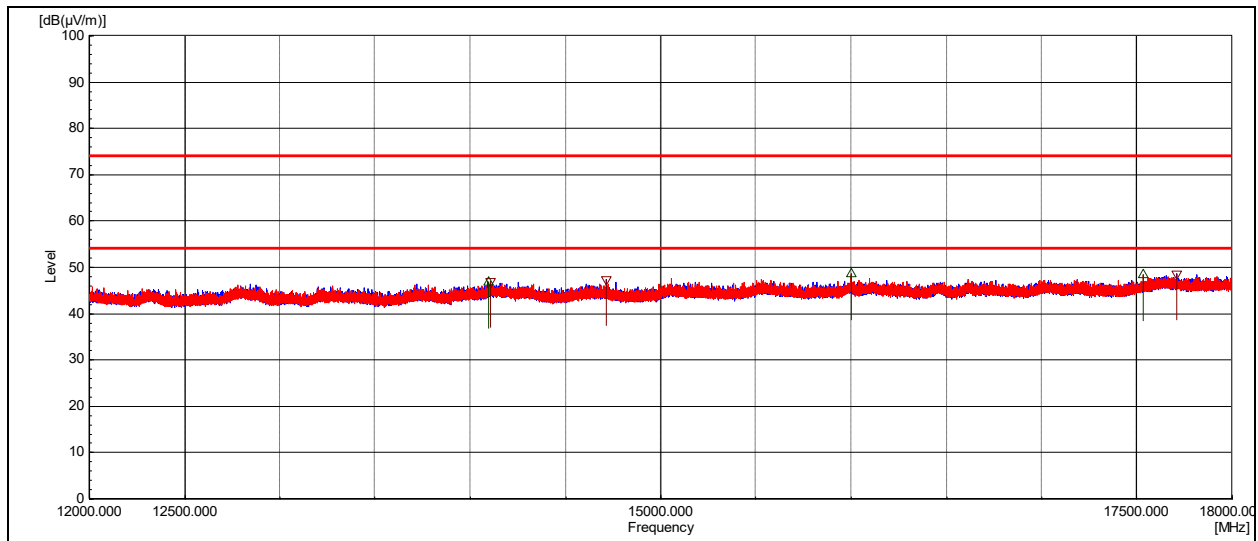
RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
13301.28	H	45.5	1.3	46.8	74	27.2
14131.5	V	45.4	1.4	46.8	74	27.2
15558.84	H	45.9	1.9	47.8	74	26.2
16000	V	45.7	2.3	48	74	26
17018.69	V	45.1	3.3	48.4	74	25.6
17073.23	H	44.6	3.2	47.8	74	26.2

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14097.57	H	45.4	1.4	46.8	74	27.2
15038.89	V	45.9	1.2	47.1	74	26.9
15999.6	V	45.6	2.3	47.9	74	26.1
16124.44	H	45.2	2.3	47.5	74	26.5
17588.53	V	45.2	3.7	48.9	74	25.1
17660.65	H	44.6	3.8	48.4	74	25.6

Note: 1. Level = Reading (Level) + (Correct) Factor.

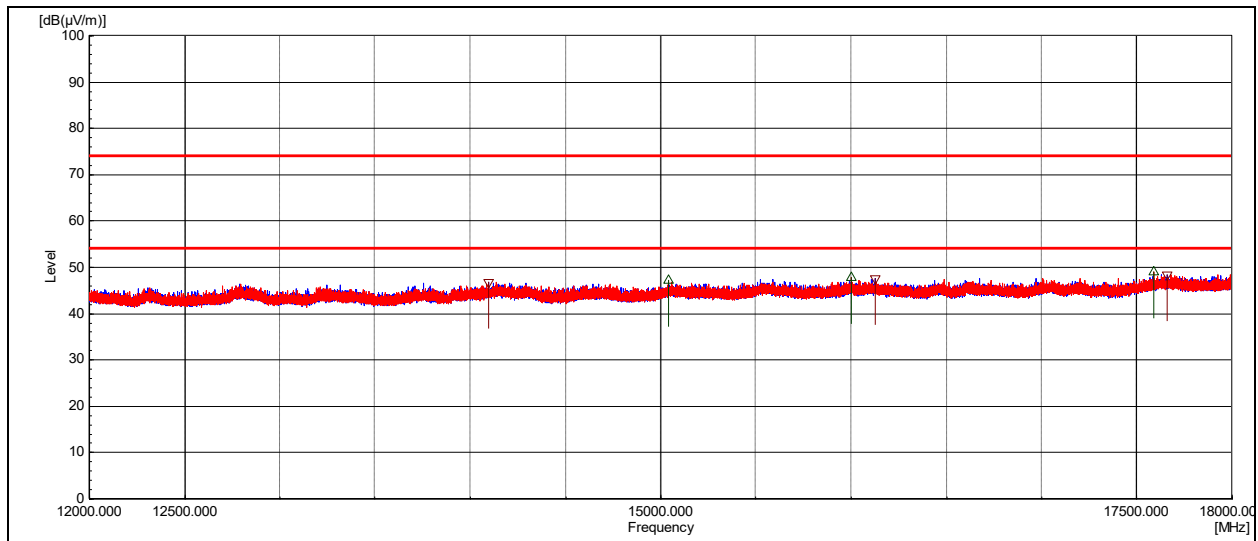
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

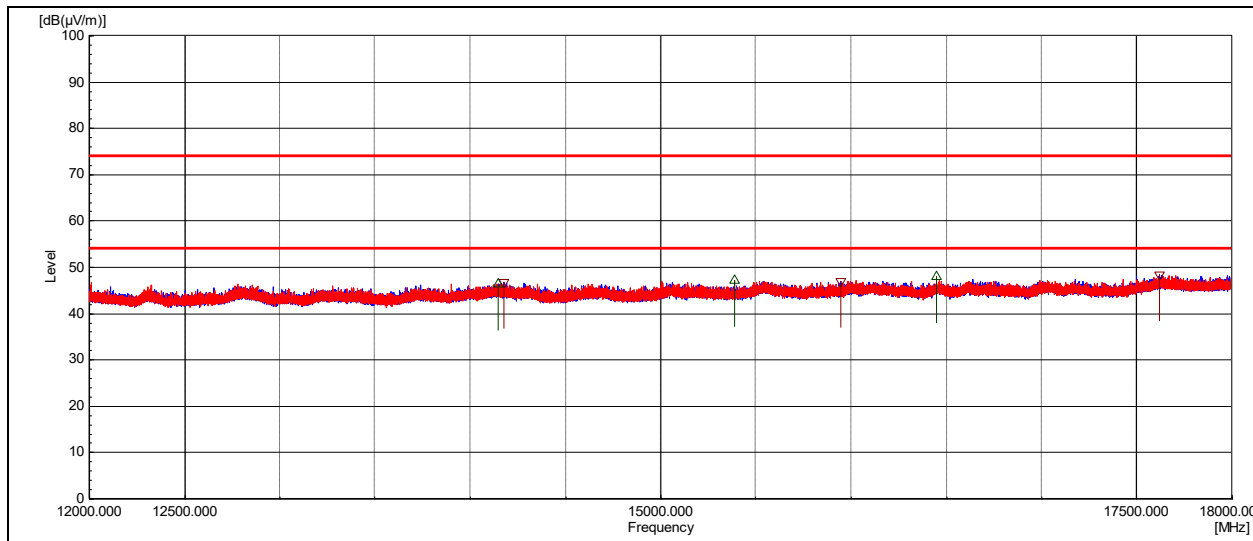
RIGHT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14097.57	H	45.4	1.4	46.8	74	27.2
15038.89	V	45.9	1.2	47.1	74	26.9
15999.6	V	45.6	2.3	47.9	74	26.1
16124.44	H	45.2	2.3	47.5	74	26.5
17588.53	V	45.2	3.7	48.9	74	25.1
17660.65	H	44.6	3.8	48.4	74	25.6

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

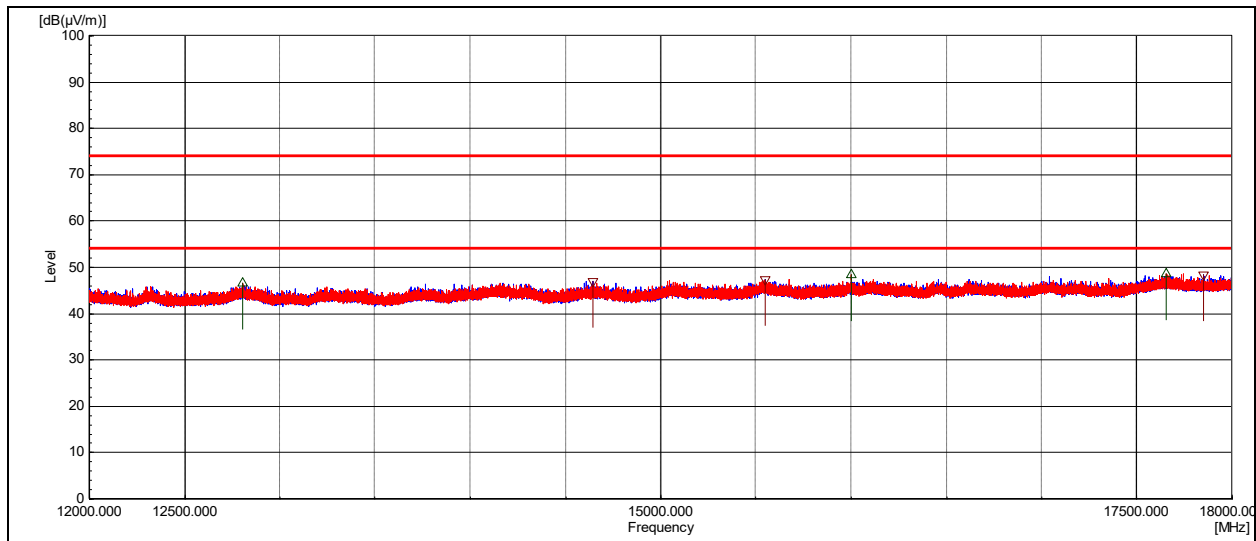
RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14145.44	V	45	1.4	46.4	74	27.6
14174.53	H	45.3	1.4	46.7	74	27.3
15386.53	V	45.9	1.2	47.1	74	26.9
15946.27	H	45.3	1.7	47	74	27
16445.82	V	45.9	2.1	48	74	26
17617.01	H	44.6	3.8	48.4	74	25.6

- Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. High pass filter was used during the test.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
12805.17	V	45	1.6	46.6	74	27.4
14642.56	H	46	1	47	74	27
15547.52	H	45.5	1.9	47.4	74	26.6
16000	V	46.2	2.3	48.5	74	25.5
17651.35	V	44.8	3.8	48.6	74	25.4
17849.31	H	45.2	3.1	48.3	74	25.7

Note: 1. Level = Reading (Level) + (Correct) Factor.

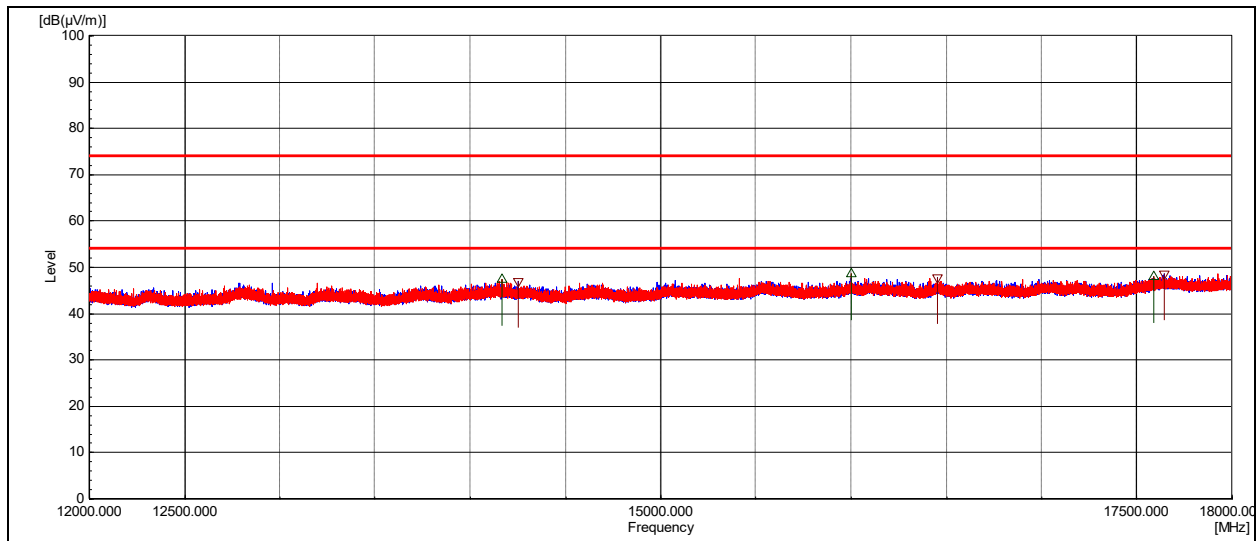
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
14167.06	V	46.1	1.4	47.5	74	26.5
14251.9	H	45.6	1.3	46.9	74	27.1
16000	V	46.2	2.3	48.5	74	25.5
16453.9	H	45.7	2.2	47.9	74	26.1
17589.34	V	44.3	3.7	48	74	26
17644.69	H	44.7	3.8	48.5	74	25.5

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. High pass filter was used during the test.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

SPURIOUS EMISSIONS (18 GHz ~ 40 GHz)

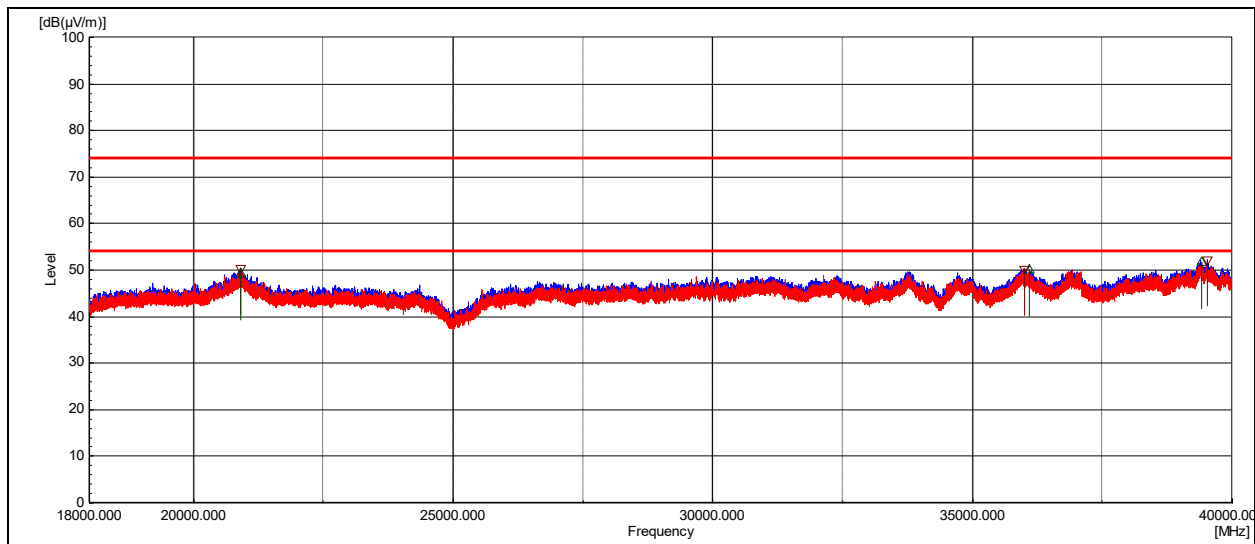
TEST ENVIRONMENT

Temperature	22.4 °C	Relative Humidity	53%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	4 November 2025	Test By	Denny Huang
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LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
20902.53	H	52.1	-1.7	50.4	74	23.6
20910.6	V	50.9	-1.7	49.2	74	24.8
35996	H	49.7	0.6	50.3	74	23.7
36101.6	V	49.7	0.3	50	74	24
39404.53	V	48.8	2.9	51.7	74	22.3
39518.93	H	49.6	2.6	52.2	74	21.8

Note: 1. Level = Reading (Level) + (Correct) Factor.

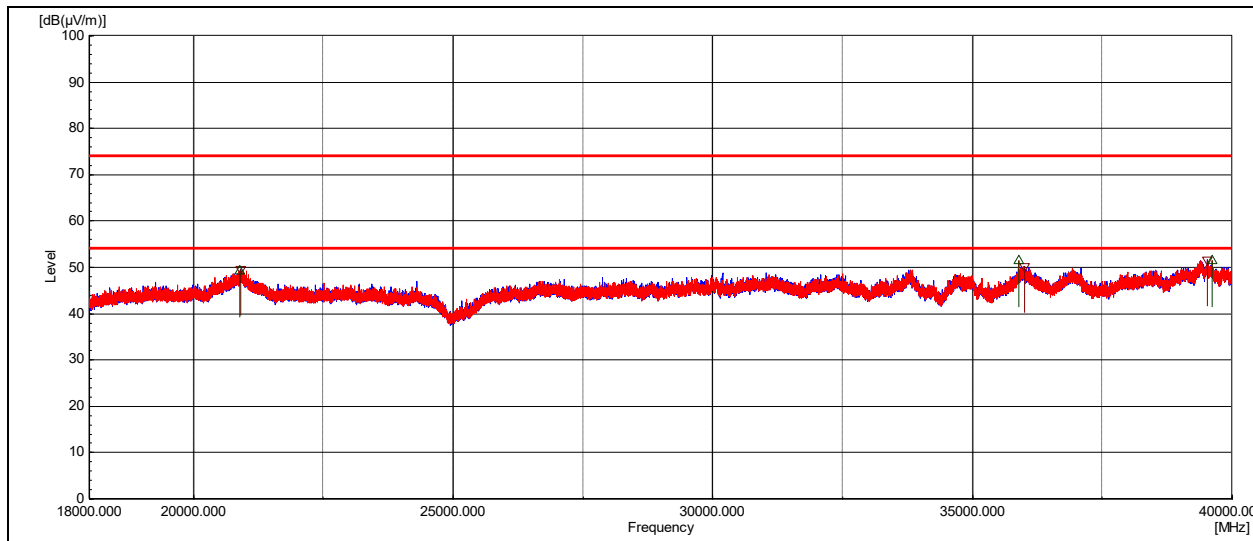
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.

3. PK: Peak detector.

4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

5. All modes and channels have been tested, only the worst data was recorded in the report.

RIGHT TEMPLE LE 2M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]
20889.33	V	51	-1.7	49.3	74	24.7
20917.2	H	51.2	-1.7	49.5	74	24.5
35882.33	V	51	0.3	51.3	74	22.7
36001.13	H	49.5	0.6	50.1	74	23.9
39517.47	H	48.9	2.6	51.5	74	22.5
39614.27	V	49	2.5	51.5	74	22.5

Note: 1. Level = Reading (Level) + (Correct) Factor.
 2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with the average limit.
 3. PK: Peak detector.
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 5. All modes and channels have been tested, only the worst data was recorded in the report.

SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

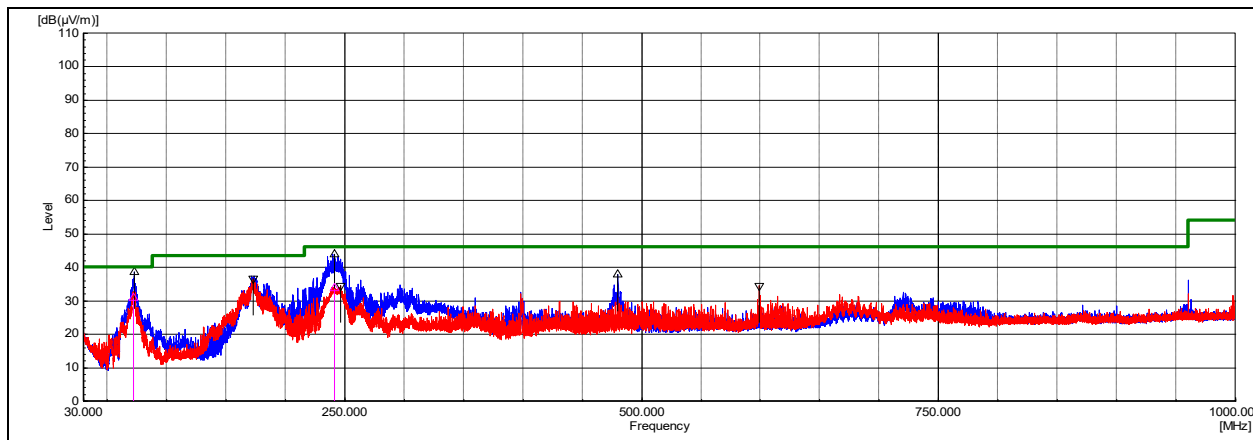
TEST ENVIRONMENT

Temperature	21.5 °C	Relative Humidity	65%
Test Voltage	DC 3.7 V		

TEST DATE / ENGINEER

Test Date	27 November 2025	Test By	Denny
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LEFT TEMPLE LE 1M MODE HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)



Frequency [MHz]	(P)	Reading [dB(μV)]	Factor [dB(1/m)]	Level [dB(μV/m)]	Limit [dB(μV/m)]	Margin [dB]	Remark
71.895	H	56.3	-25.3	31	40	9	QP
240.889	H	53.2	-19.4	33.8	46	12.2	QP
72.813	H	63.9	-25.2	38.7	40	1.3	PK
173.134	V	58.3	-21.7	36.6	43.5	6.9	PK
241.55	H	63.2	-19.3	43.9	46	2.1	PK
246.481	V	53.4	-18.9	34.5	46	11.5	PK

Note: 1. Level = Reading (Level) + (Correct) Factor.

2. If the peak values are less than the limit, the quasi-peak result is deemed to comply with the limit.

3. PK: Peak detector.

4. QP: quasi-peak detector.

3. All modes and channels have been tested, only the worst data was recorded in the report.