



RF Test Report



Report Number : 6128625059801

Applicant : Verbatim

Product : SnapBack with MyFinder

Model : 32064, 32063, 32065, 32077, 32078

FCC ID : TL4-3206345-77-78

In accordance with

FCC rule Part §15.247

RESPONSIBLE FOR	NAME	SIGNATURE	DATE
Approved By	Jack Chang		2025.11.04
Prepared By	Ariel Hsu		2025.11.04

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service control rules.

EXECUTIVE SUMMARY

TÜV SÜD Asia Ltd., reports apply only to the specific samples tested under stated test conditions. Construction of the actual test samples has been documented. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. The manufacturer/importer is responsible to the Competent Authorities for any modifications made to the production units which result in non-compliance to the relevant regulations. TÜV SÜD Asia Ltd. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from TÜV SÜD Asia Ltd. issued reports.

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Contents

1	General Information	3
1.1	Report Modification Record	3
1.2	Introduction	3
1.3	Applied Standard	4
1.4	Deviation from standards	4
1.5	List of applied test(s) of the EUT	4
2	General EUT Information	5
2.1	Technical Specification of EUT	5
2.2	Variation of family model(s)	5
2.3	Antenna List	5
3	Configuration of Equipment	6
3.1	Equipment used	6
3.2	Cable(s) used	6
3.3	System configuration	7
4	General Test Configurations	9
4.1	Operating channels and frequencies	9
4.2	Description of test mode	10
4.3	Test Condition	11
5	Test Result	12
5.1	Transmitter Requirement & Test Suites	12
5.2	Peak Output Power	13
5.3	6 dB Bandwidth and 99% Occupied Bandwidth	15
5.4	Power Spectral Density	16
5.5	Conducted Spurious Emissions and Frequency Band Edges Measured in 100kHz Bandwidth	17
5.6	Radiated Spurious Emissions and Band Edges	19
5.7	AC Mains Conducted Emission	22
6	Measurement Uncertainty	23
7	Photographs of the Test Set-Up	24
Appendix A. Test Equipment		28
Appendix B. Duty Cycle		30
Appendix C. Peak Output Power		32
Appendix D. 6dB Bandwidth & 99% Bandwidth		33
Appendix E. Power Density		37
Appendix F. Conducted Spurious Emissions and Frequency Band Edges Measured in 100kHz Bandwidth		39
Appendix G. Radiated Spurious Emissions and Band Edges		49
Appendix H. AC Mains Conducted Emissions		81

1 General Information

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

History of this test report

Issue	Description of Change	Date of Issue
1	Initial Issue	2025-11-04

1.2 Introduction

The information contained in this report is intended to show verification of RF qualification approval. The testing requirements of the standards for the tests listed in Section 1.5.

Applicant : Verbatim
Address : 8210 University Executive Park Dr Suite 300, Charlotte, North Carolina, USA
Manufacturer : Verbatim
Product Name : SnapBack with MyFinder
Model Number(s) : 32064, 32063, 32065, 32077, 32078
Date of Receipt of EUT : 2025-09-08
Start of Test : 2025-10-23
Finish of Test : 2025-11-04
Test Laboratory : TÜV SÜD Asia Ltd., Taiwan Branch
Address : 7F., No. 37, Sec. 2, Zhongyang S. Rd., Beitou District, Taipei City 11270, R.O.C. Taiwan
Test Location : TÜV SÜD Asia Ltd., Taiwan Branch, Guishan Laboratory
Address : No. 31, Dinghu Road, Guishan District, Taoyuan City, TAIWAN (R.O.C.)

The test facility is accredited by TAF (member of ILAC), under number 2573 according to ISO/IEC 17025: 2017.

FCC Designation Number No.: TW2573

1.3 Applied Standard

FCC rule Part §15.247
FCC Part 15, Subpart C §15.247 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10-2020

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

FCC rule Part §15.247			
FCC Clause	Test item	Result	Remark
§15.207(a)	AC Power Line Conducted Emission	Compliant	
§15.247(b) (3)	Peak Output Power	Compliant	
§15.247(a)(2)	Emission Bandwidth	Compliant	
§15.247(d) §15.205 §15.209	Radiated & Conducted Band Edge and Spurious Emission	Compliant	
§15.247(e)	Peak Power Density	Compliant	
§15.203	Antenna Requirement	Compliant	

2 General EUT Information

All information in this chapter was provided by the applicant.

2.1 Technical Specification of EUT

Items	EUT information
Operating Frequency	2402 ~ 2480 MHz
Channel number	40
Maximum Output Power (dBm)	BLE 1Mbps: 4.50dBm BLE 2Mbps: 4.46dBm
Operation Voltage	3Vdc via Battery 5Vdc via USB
Modulation	GFSK
Test Software Version	RF Certification Test Tool Rev1.0.2

2.2 Variation of family model(s)

2.2.1 List of family model(s)

Brand	Type Identification	Hard drive capacity (Color)	Difference
Verbatim	32064	1TB (Black)	Except to the Color, Model name and SSD capacity, those models include RF parameters are electrically identical. 32064: Worst case for All of test Item
Verbatim	32063	512GB (Black)	
Verbatim	32065	2TB (Black)	
Verbatim	32077	1TB (Blue)	
Verbatim	32078	2TB (Blue)	

2.3 Antenna List

Antenna Type	Brand	Model	Connector	Freq. (MHz)	Peak Antenna Gain (dBi)
Chip	Pulse	ANT3216LL11R 2455A	Permanently attached antenna	2400-2480	0.47

3 Configuration of Equipment

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

Numbers assigned to equipment on the diagram in "3.3 System configuration" correspond to the list in "3.1 Equipment used" and "3.2 Cable(s) used".

This test configuration is based on the manufacture's instruction.

Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

The EUT has been tested as an independent unit with other necessary accessories or support units.

3.1 Equipment used

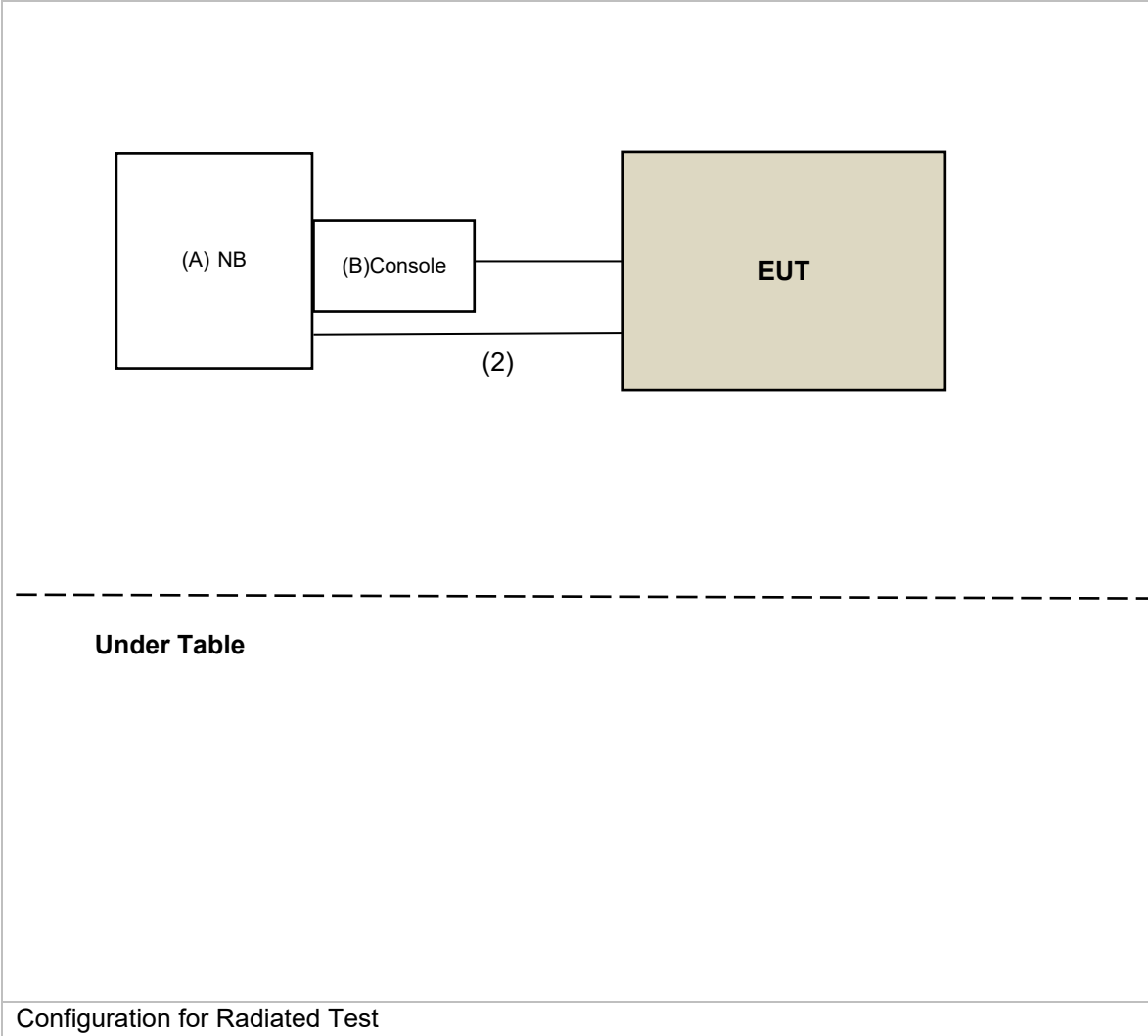
No.	Product	Brand	Model	Serial No.	Remarks
A	Laptop	Lenovo	TP00048A	PC-00NQMT	Provided by Lab
B	USB Console	N/A	CP2102	N/A	Provided by Client
C	Adapter	Lenovo	ADLX65YAC 3E	8SGX21J7554 9A1WH	Provided by Lab

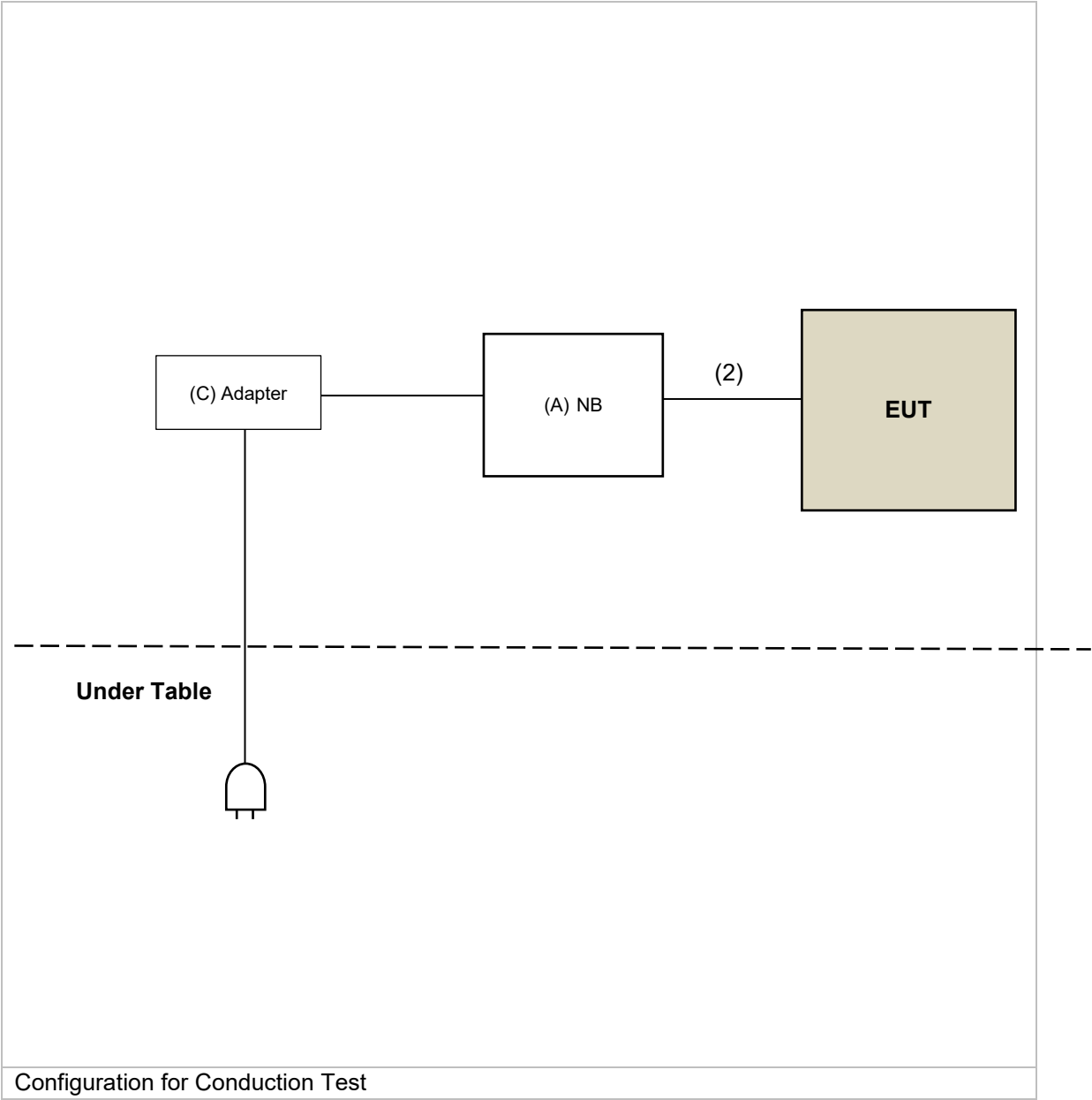
3.2 Cable(s) used

No.	Cable Descriptions	Brand	Model	Length(m)	Remarks
1	USB extension cable	Benevo	BUSB0300A MF	5	Provided by Lab
2	USB Cable	N/A	N/A	0.5	Provided by Client



3.3 System configuration





4 General Test Configurations

The EUT has been tested under Transmitting and Receiving condition. And used to control the EUT for staying in engineering mode that enables selectable of channel, and capable of continuous transmitting and constant receiving mode.

Remark: All applicable test items were tested based on the combination of modulation scheme that generates the worst case.

4.1 Operating channels and frequencies

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

4.2 Description of test mode

- 1) The EUT has been tested under operating condition.
- 2) Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
- 3) The field strength of radiation emission was measured as the EUT positioned in different orthogonal planes (X/Y/Z) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.
- 4) Investigation has been done on all the possible configurations for searching the worst case.

RF Output Power

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
-	2402 to 2480	2402, 2440, 2480	1
-	2402 to 2480	2402, 2440, 2480	2

6dB & Occupied Channel Bandwidth

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
-	2402 to 2480	2402, 2440, 2480	1
-	2402 to 2480	2402, 2440, 2480	2

Power Spectral Density

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
-	2402 to 2480	2402, 2440, 2480	1
-	2402 to 2480	2402, 2440, 2480	2

Radiated Spurious Emissions (Above 1 GHz)

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
Tx			
-	2402 to 2480	2402, 2440, 2480	1
-	2402 to 2480	2402, 2440, 2480	2
Rx			
-	2402 to 2480	2402, 2440, 2480	1
-	2402 to 2480	2402, 2440, 2480	2

Radiated Spurious Emissions (Below 1 GHz)

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
Tx			
-	2402 to 2480	2440	1
-	2402 to 2480	2440	2
Rx			
-	2402 to 2480	2440	1
-	2402 to 2480	2440	2

4.3 Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Conducted Measurement	22-26 °C	50-65 %	Sam Huang
Radiated Spurious Emissions above 1 GHz	21-25 °C	50-65 %	Kevin Syu
Radiated Spurious Emissions below 1 GHz	21-25 °C	50-65 %	Kevin Syu
Mains Conducted Emission	22-26 °C	50-65 %	Kevin Syu

5 Test Result

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Refer to EUT photo for details.

5.2 Peak Output Power

If the transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the Antenna exceeds 6dBi. (FCC only)

In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of Antenna exceeds 6dBi. (FCC only)

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

5.2.1 Measurement procedure

Duty Cycle

- 1) Place the EUT on the table and set it in transmitting mode.
- 2) Set span = Zero
- 3) RBW = 8MHz, VBW = 8MHz,
- 4) Detector = Peak

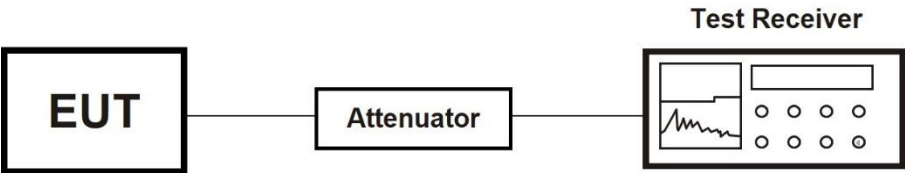
Output Power

- 1) Place the EUT on the table and set it in transmitting mode.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter.
- 4) Record the max. Reading as observed from Power Meter.
- 5) Repeat above procedures until all test default channel measured was complete.

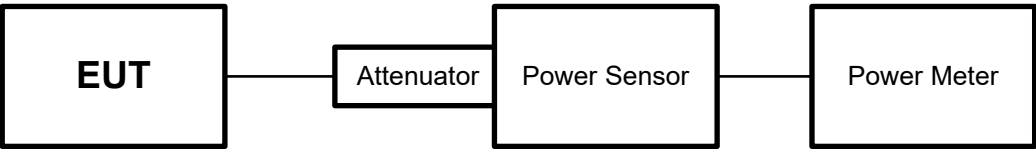


5.2.2 Test Setup

Duty Cycle



Output Power



5.2.3 Limit

1 watt (30 dBm)

5.2.4 Measurement result

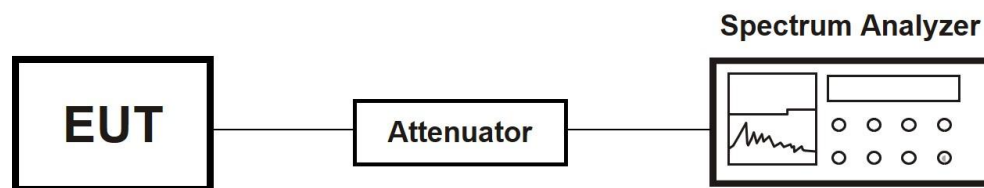
Refer to Appendix C

5.3 6 dB Bandwidth and 99% Occupied Bandwidth

5.3.1 Measurement procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
3. Trace mode = max hold.
4. Sweep = auto couple.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
6. For 99% occupied bandwidth measurement, the transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to PEAK. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

5.3.2 Test Setup



5.3.3 Limit

The minimum 6 dB bandwidth shall be at least 500 kHz

5.3.4 Measurement result

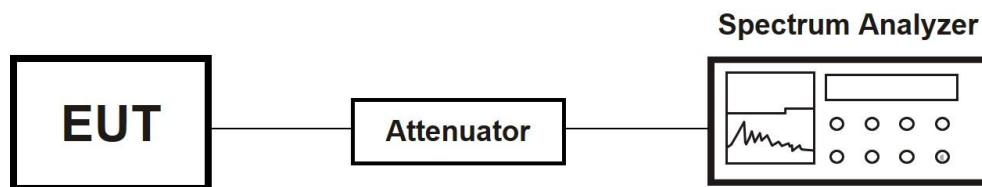
Refer to Appendix D

5.4 Power Spectral Density

5.4.1 Measurement procedure

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set the span to 1.5 times the DTS channel bandwidth.
- 4) Set the RBW = 3 kHz. & the VBW = 10 kHz
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.

5.4.2 Test Setup



5.4.3 Limit

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

5.4.4 Measurement result

Refer to Appendix E

5.5 Conducted Spurious Emissions and Frequency Band Edges Measured in 100kHz Bandwidth

5.5.1 Measurement procedure

Measurement procedure Reference Level of Emission Limit:

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set the span to 1.5 times the DTS channel bandwidth.
- 4) Set the RBW = 100kHz & VBW = 300 kHz.
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.

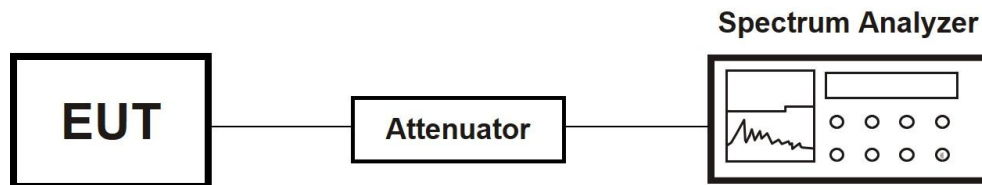
Measurement procedure for Conducted Band Edge

- 1) To connect Antenna Port of EUT to Spectrum.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 4) Set start to edge frequency, and stop frequency of spectrum analyzer so as to encompass the spectrum to be examined.
- 5) Set the spectrum analyzer as RBW=100 kHz, VBW=300 kHz, Detector = Peak, Sweep = auto
- 6) Set DL as the limit = reading on marker of reference level measurement – 20dBm
- 7) Mark the highest readings of the emissions outside of 2400MHz~2483.5MHz.
- 8) Repeat above procedures until all default test channel (low and high) was complete.

Measurement procedure for Conducted Spurious Emission

- 1) To connect Antenna Port of EUT to Spectrum.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set RBW = 100 kHz & VBW=300 kHz, Detector =Peak, Sweep = Auto
- 4) Allow trace to fully stabilize.
- 5) Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.
- 6) Repeat above procedures until all default test channel measured were complete.

5.5.2 Test Setup



5.5.3 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 conducted power limits. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a) & , must also comply with the radiated emission limits specified in §15.209(a) .

5.5.4 Measurement result

Refer to Appendix F

5.6 Radiated Spurious Emissions and Band Edges

5.6.1 Measurement procedure

For Radiated Emissions below 30 MHz

- 1) The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations of the antenna are set to make the measurement.
- 4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated Emissions above 30 MHz

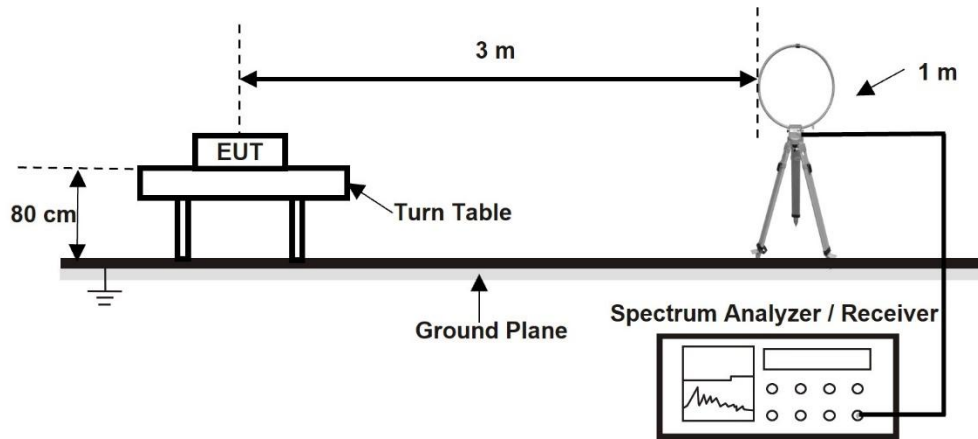
- 1) The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- 6) The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

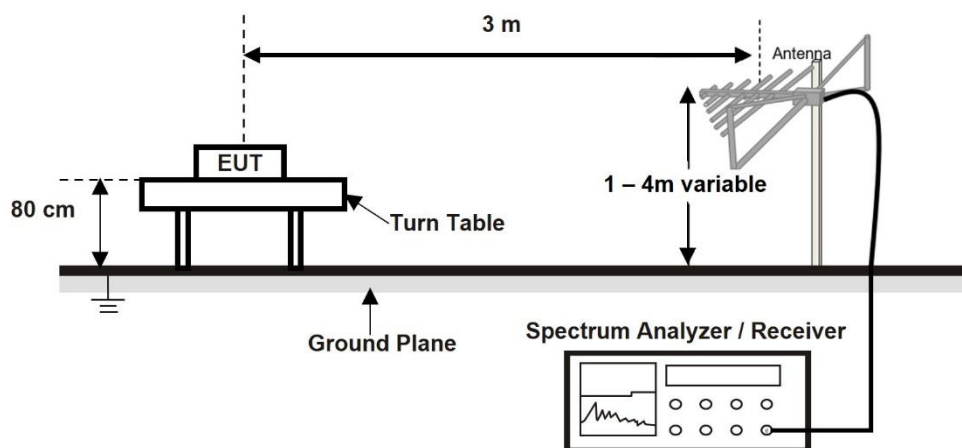
- 1) The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
- 2) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
- 3) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- 4) All modes of operation were investigated and the worst-case emissions are reported.
- 5) The Radiated Emissions testing was performed in the X, Y and Z axis orientation. The worst-case Axis orientation is recorded in this test report.

5.6.2 Test Setup

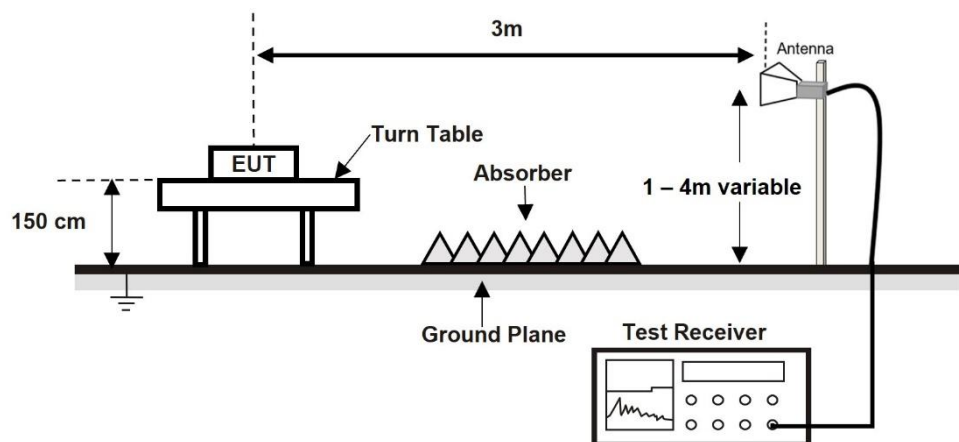
Radiated Emission Test Set-Up, Frequency Below 30MHz.



Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



For the actual test configuration, please refer to the attached file (Test Setup Photo).

5.6.3 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 conducted power limits. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 as below.

And according to §15.33(a) (1) for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

5.6.4 Measurement result

Please refer to Appendix G

Remark:

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

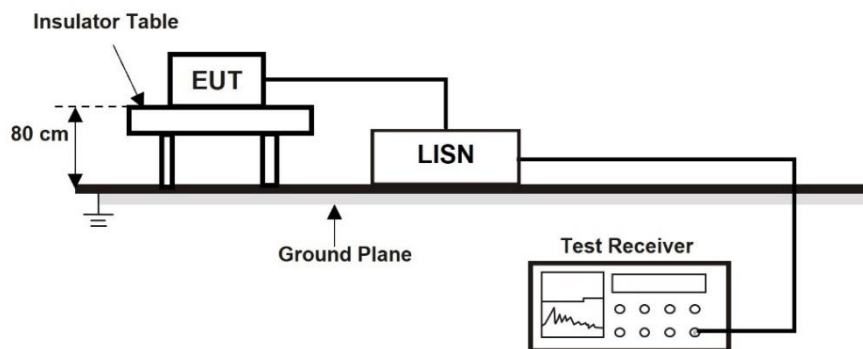
5.7 AC Mains Conducted Emission

5.7.1 Measurement procedure

1. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 μ H of coupling impedance for the measuring instrument.
2. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
3. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

5.7.2 Test Setup



5.7.3 Limit

Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Notes:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

5.7.4 Measurement result

Please refer to Appendix H

6 Measurement Uncertainty

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

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

Radiated Spurious Emission Measurement Uncertainty		
Frequency	Polarization	Measurement uncertainty
9kHz~30MHz	Vertical	± 2.8 dB
30MHz - 1000MHz		± 4.82 dB
1GHz - 18GHz		± 4.37 dB
18GHz - 40GHz		± 4.21 dB
9kHz~30MHz	Horizontal	± 2.8 dB
30MHz - 1000MHz		± 4.54 dB
1GHz - 18GHz		± 4.37 dB
18GHz - 40GHz		± 4.21 dB

Test Items	Measurement uncertainty
AC Power Line Conducted Emission	± 2.69 dB
Output Power measurement	± 1.31 dB
Emission Bandwidth	± 0.7 Hz
Undesignable radiated emission measurement	± 1.22 dB
Peak Power Density	± 1.31 dB
Temperature	$\pm 0.51^{\circ}\text{C}$
Humidity	± 4.7 %
DC / AC Power Source	± 1.5 %

7 Photographs of the Test Set-Up

Set-up for Spurious Emissions
Front View



Set-up for Spurious Emissions
Rear View



**Set-up for Spurious Emissions
Rear View**



**Set-up for Spurious Emissions
Front View**



**Set-up for Spurious Emissions
Rear View**



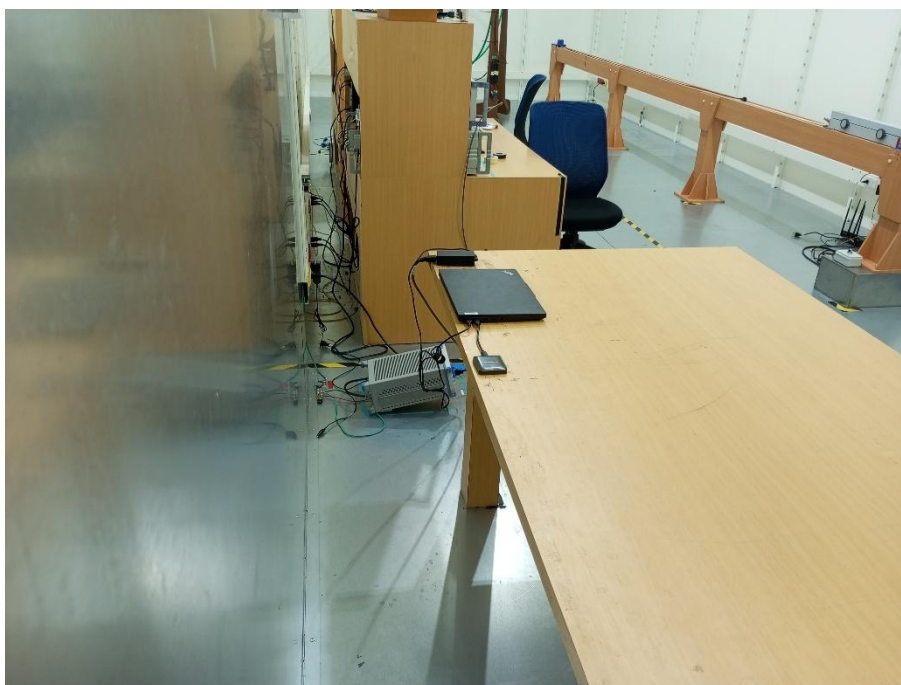
**Set-up for Spurious Emissions
Rear View**



**Set-up for Conduction Emission
Front View**



**Set-up for Conduction Emission
Rear View**



Appendix A. Test Equipment

Test Software	Manufacturer	Model No.	Version	Remark
Test Software	Keysight	IOT0047A	24.11.25.17	Conducted
Test Software	Audix	e3	V9	Radiation/Conduction

Test Equipment Used (spurious emission)

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSV3044	101348	Jul. 29, 2025	Jul. 28, 2026
Spectrum Analyzer	R&S	ESR 7	102600	Aug. 05, 2025	Aug. 04, 2026
Horn(18-40G)	RF SPIN	DRH0844	LE2C01A0844	Nov. 11, 2024	Nov. 10, 2025
Horn(1-18G)	RF SPIN	DRH18-E	211218A18EN	Oct. 25, 2024	Oct. 24, 2025
Bi-log	Schwarzbeck&EMEC	VULB9168&EM-ATT3000-6-NN	01497&2205	Nov. 29, 2024	Nov. 28, 2025
Preamplifier(1-18G)	SGH	SGH118-HS	20230214-5	Apr. 10, 2025	Apr. 09, 2026
Preamplifier(18-40G)	SGH	SGH184	20230214-8	Apr. 10, 2025	Apr. 09, 2026
Preamplifier(30M-1G)	SGH	SGH0301	20230214-4	Apr. 24, 2025	Apr. 24, 2026
Loop Antenna	TESEQ	HLA-6121	64165	Mar. 27, 2025	Mar. 26, 2026

Test Equipment Used (RF output power)

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Power Sensor	Anritsu	MA24408A	12778	Thu. 14, 2025	Thu. 13, 2026

Test Equipment Used (Mains conduction)

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
EMI Receiver	R&S	ESR 7	102599	Aug. 11, 2025	Aug. 10, 2026
LISN	R&S	ENV216	101518	Nov. 08, 2024	Nov. 07, 2025

**Test Equipment Used (Power Density/Emission Bandwidth/in of Band Emission)**

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9010B	MY63440384	Jul. 11, 2025	Jul. 10, 2026

*: The calibrations of the above equipment are traceable to NIST or equivalent standards of the reference organizations.



Appendix B. Duty Cycle

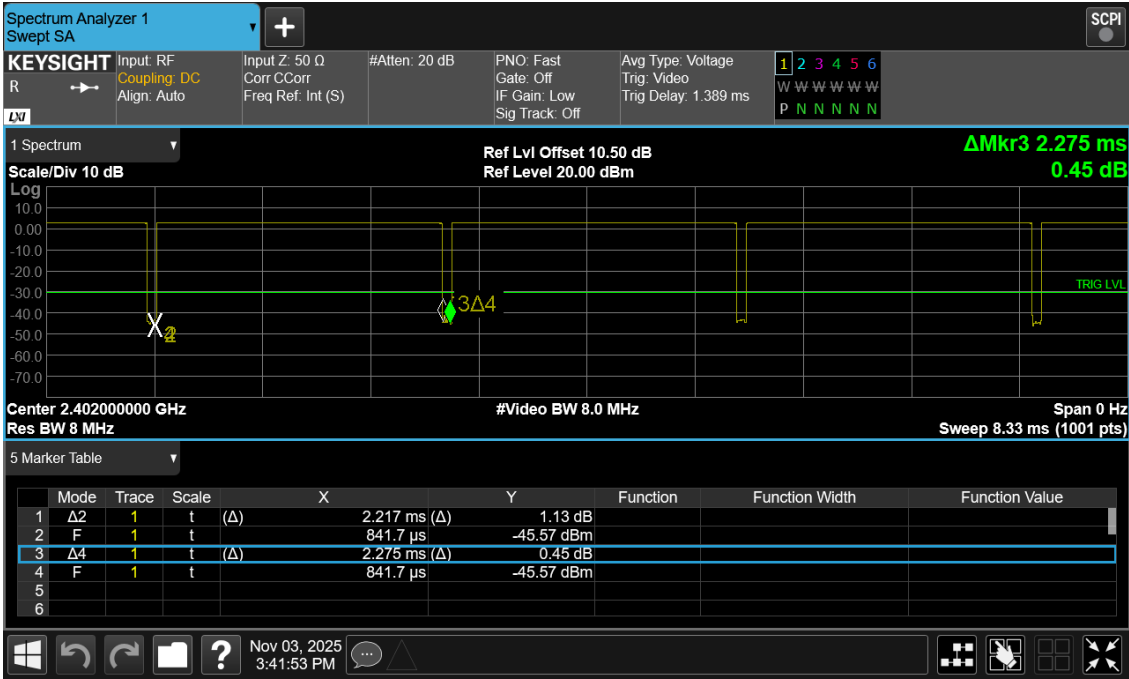
BLE 1M

1Mbps		
Duty On (ms):	2.217	Duty Cycle = Ton / (Ton + Toff)
Duty OnOff (ms):	2.275	
Duty Cycle (%):	97.436	
VBW (Hz):	0.5k	

* Duty cycle = 2.217ms/2.275ms = 0.97436

*If duty cycle of test signal is ≥ 98%, duty factor is not required.

*If duty cycle of test signal is < 98%, duty factor shall be considered.



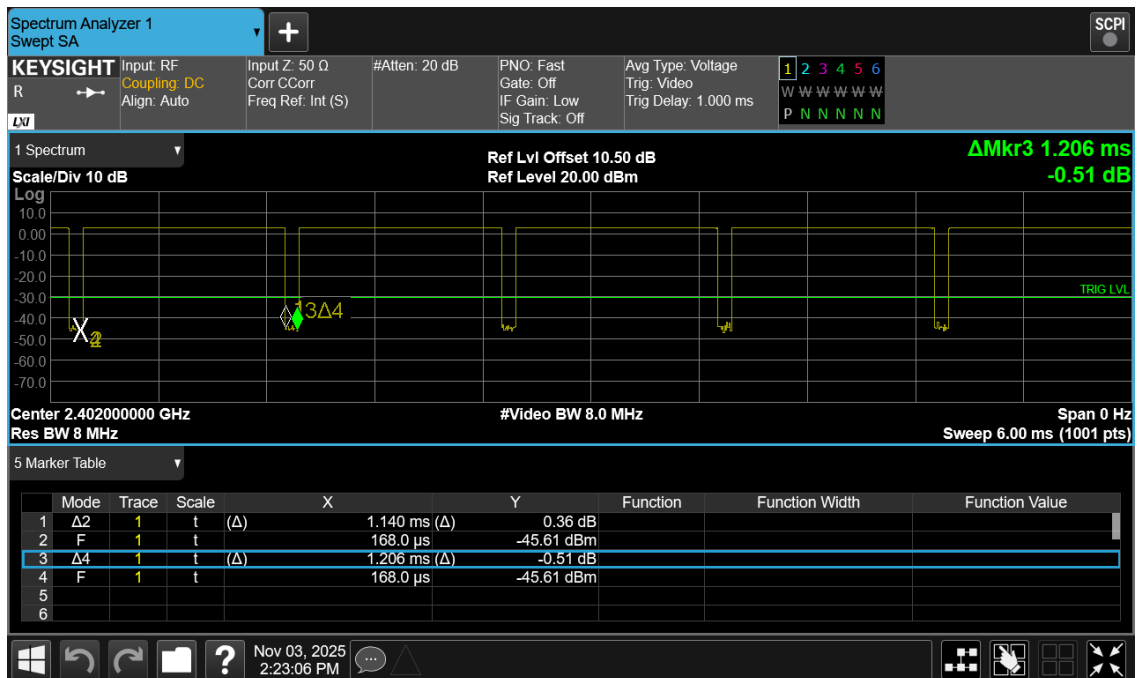
BLE 2M

2Mbps		
Duty On (ms):	1.140	Duty Cycle = Ton / (Ton + Toff)
Duty OnOff (ms):	1.206	
Duty Cycle (%):	94.527	
VBW (Hz):	1k	

$$* \text{Duty cycle} = 1.140\text{ms} / 1.206\text{ms} = 0.94527$$

*If duty cycle of test signal is $\geq 98\%$, duty factor is not required.

*If duty cycle of test signal is $< 98\%$, duty factor shall be considered.



Appendix C. Peak Output Power

Peak Output Power

<1Mbps>

Channel	Channel Frequency	Peak Output Power		Avg Output Power		Power Setting	Limit (dBm)
	(MHz)	(dBm)	(mW)	(dBm)	(mW)		
Low Channel	2402	4.50	2.818383	4.17	2.612161	3.5	30
Middle Channel	2440	4.38	2.741574	4.05	2.540973	3.5	30
High Channel	2480	4.41	2.760578	4.16	2.606154	3.5	30

<2Mbps>

Channel	Channel Frequency	Peak Output Power		Avg Output Power		Power Setting	Limit (dBm)
	(MHz)	(dBm)	(mW)	(dBm)	(mW)		
Low Channel	2402	4.46	2.792544	4.30	2.691535	3.5	30
Middle Channel	2440	4.41	2.760578	4.18	2.618183	3.5	30
High Channel	2480	4.30	2.691535	4.09	2.564484	3.5	30



Appendix D. 6dB Bandwidth & 99% Bandwidth

6dB Bandwidth

<1Mbps>

Channel	Channel Frequency	6dB Bandwidth	> 0.5 MHz
	(MHz)	(MHz)	
Low Channel	2402	0.718	0.5
Middle Channel	2440	0.705	0.5
High Channel	2480	0.705	0.5





6dB Bandwidth

<2Mbps>

Channel	Channel Frequency	6dB Bandwidth	> 0.5 MHz
	(MHz)	(MHz)	
Low Channel	2402	1.207	0.5
Middle Channel	2440	1.225	0.5
High Channel	2480	1.221	0.5





99% Bandwidth

<1Mbps>

Channel	Channel Frequency	99% Bandwidth
	(MHz)	(MHz)
Low Channel	2402	1.019
Middle Channel	2440	1.021
High Channel	2480	1.019





99% Bandwidth

<2Mbps>

Channel	Channel Frequency	99% Bandwidth
	(MHz)	(MHz)
Low Channel	2402	2.021
Middle Channel	2440	2.022
High Channel	2480	2.029



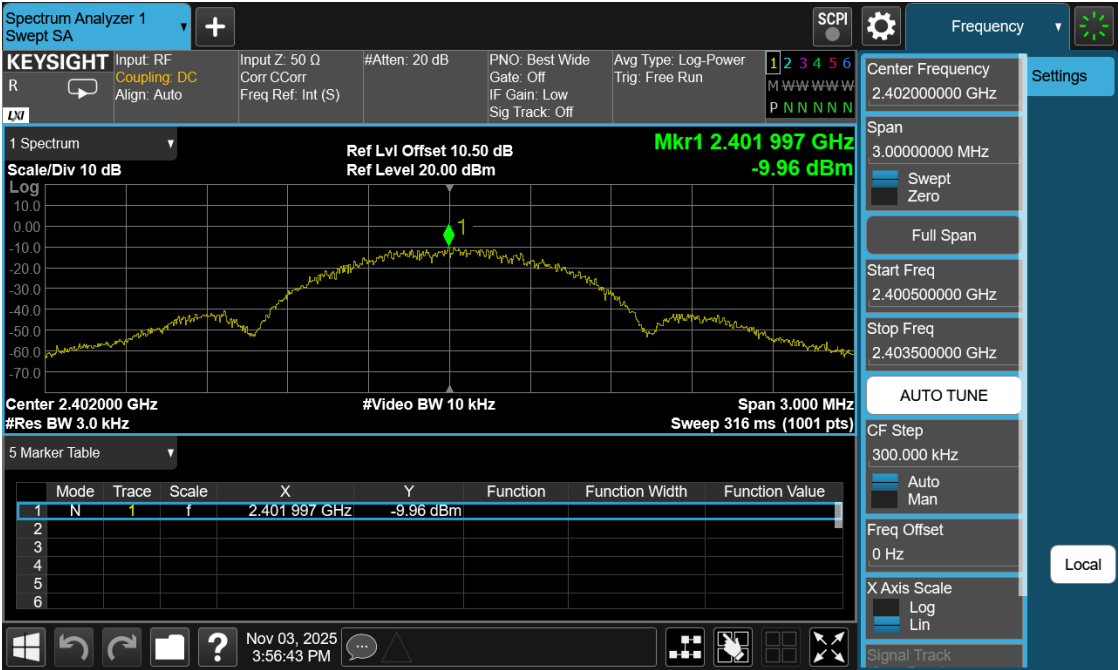


Appendix E. Power Density

Power Density

<1Mbps>

Channel	Channel Frequency	Power Density	Limit (dBm/3kHz)
	(MHz)	(dBm/3kHz)	
Low Channel	2402	-9.957	8
Middle Channel	2440	-10.080	8
High Channel	2480	-10.215	8





Power Density

<2Mbps>

Channel	Channel Frequency	Power Density	Limit (dBm/3kHz)
	(MHz)	(dBm/3kHz)	
Low Channel	2402	-10.551	8
Middle Channel	2440	-10.628	8
High Channel	2480	-11.221	8

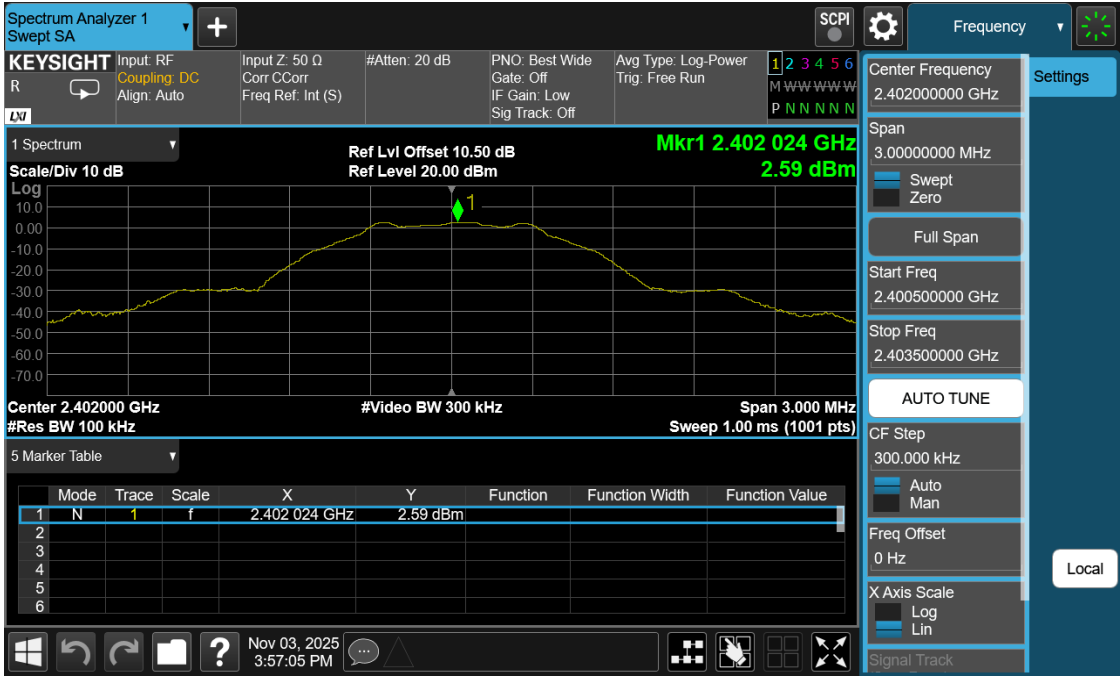




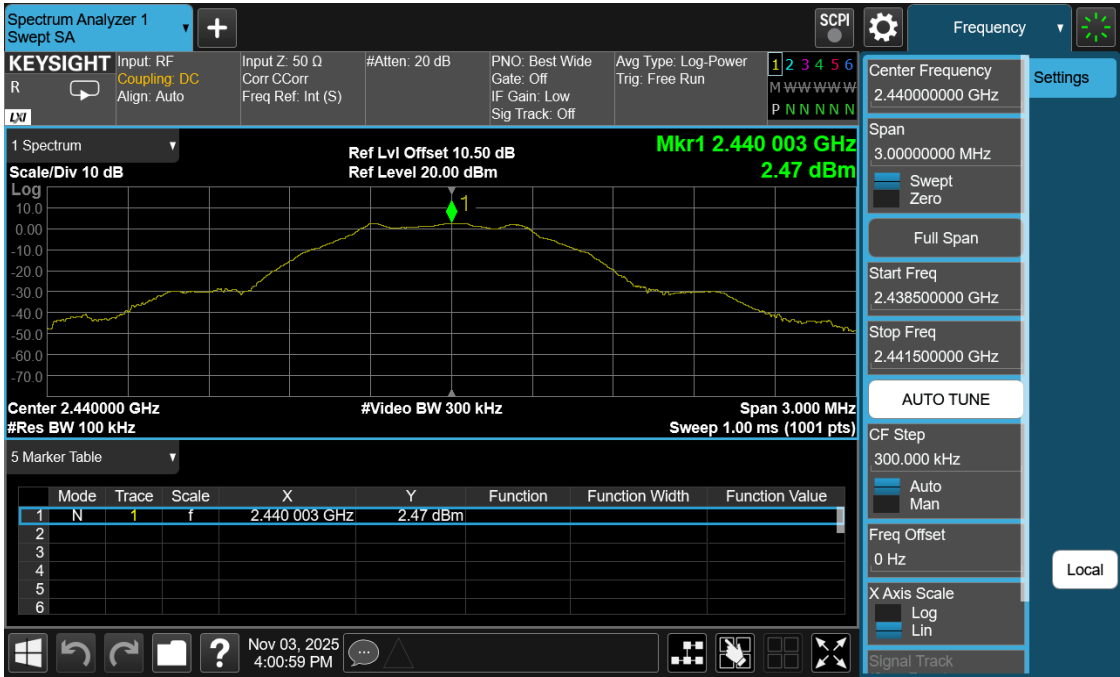
Appendix F. Conducted Spurious Emissions and Frequency Band Edges Measured in 100kHz Bandwidth

Reference <1Mbps>

<Lowest Channel>



<Middle Channel>





Reference <1Mbps>

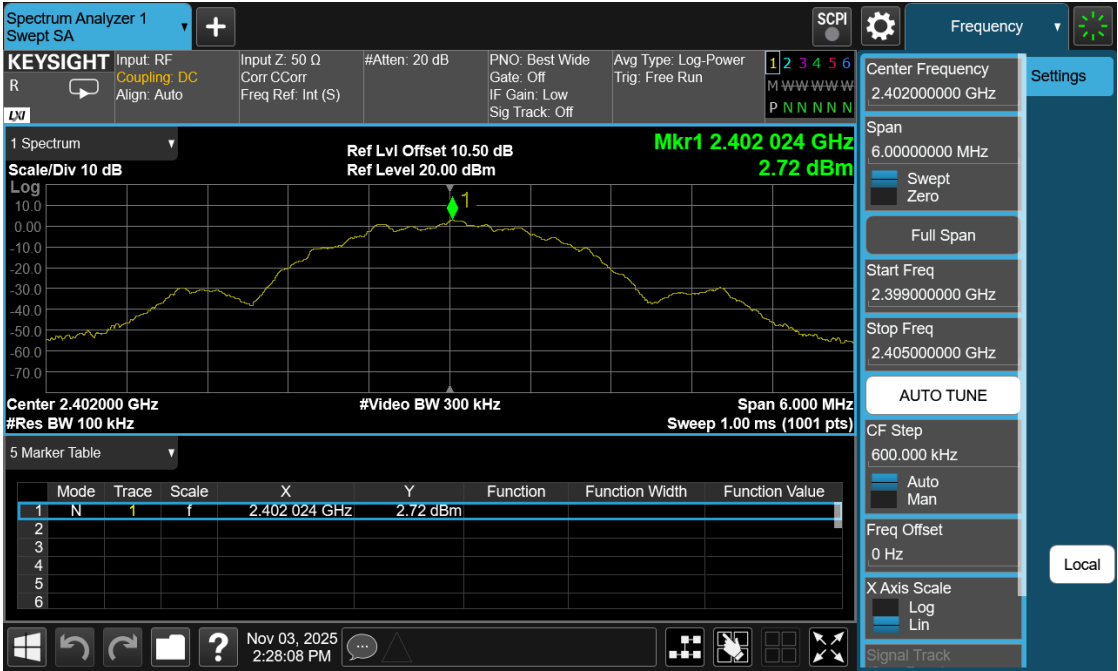
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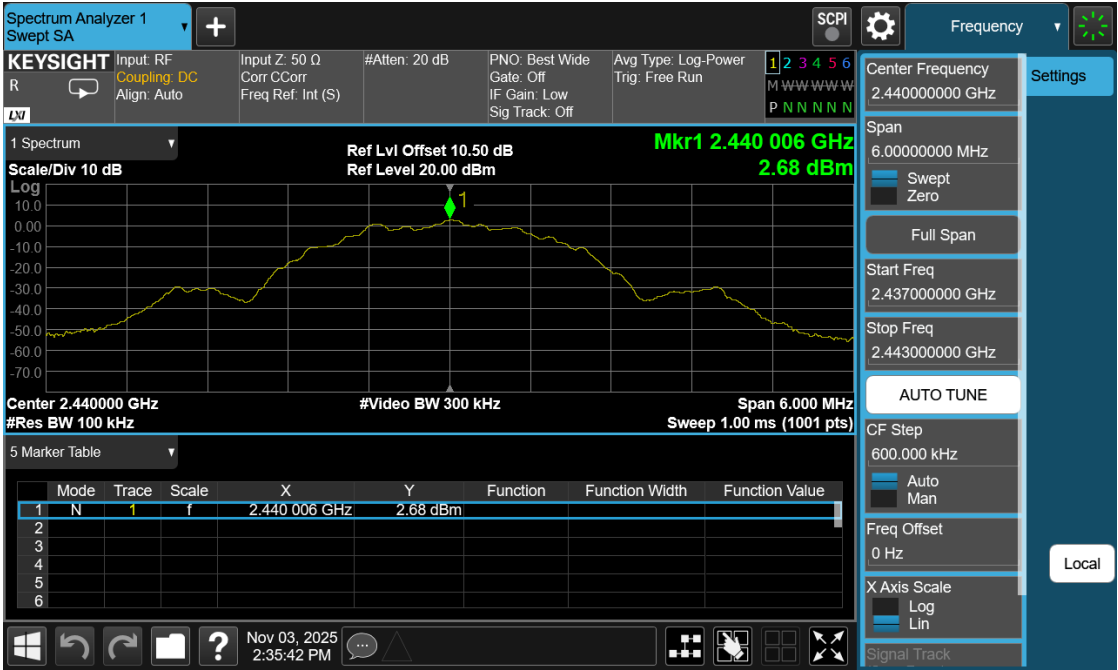


Reference <2Mbps>

<Lowest Channel>



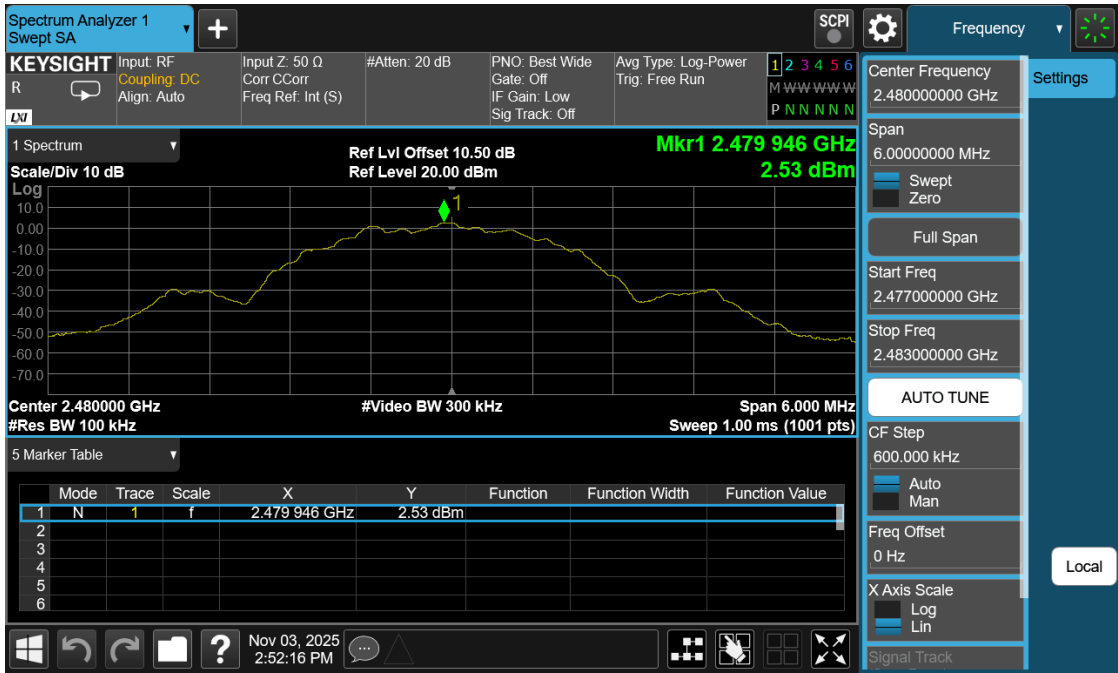
<Middle Channel>





Reference <2Mbps>

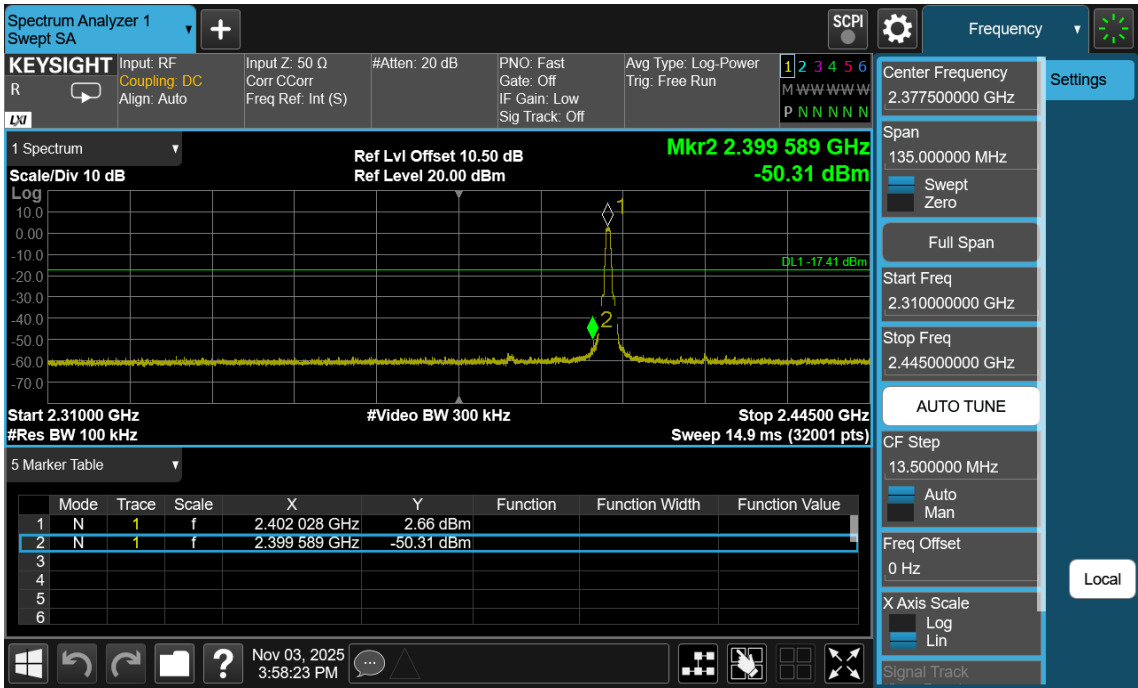
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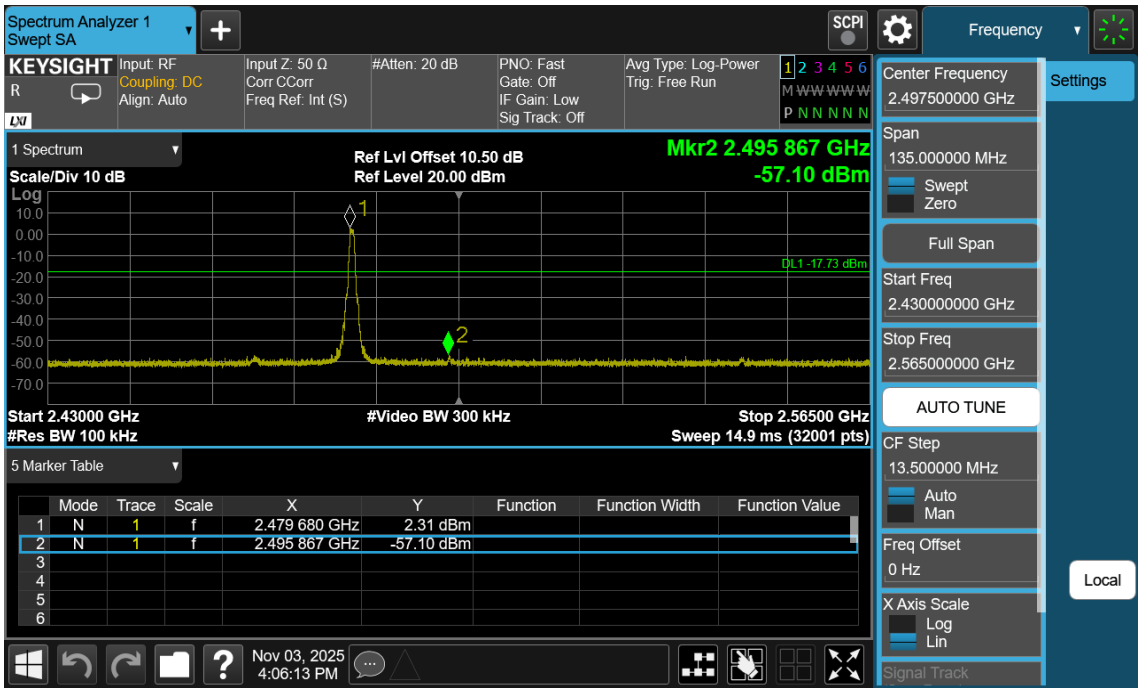


Band Edges<1Mbps>

<Lowest Channel>



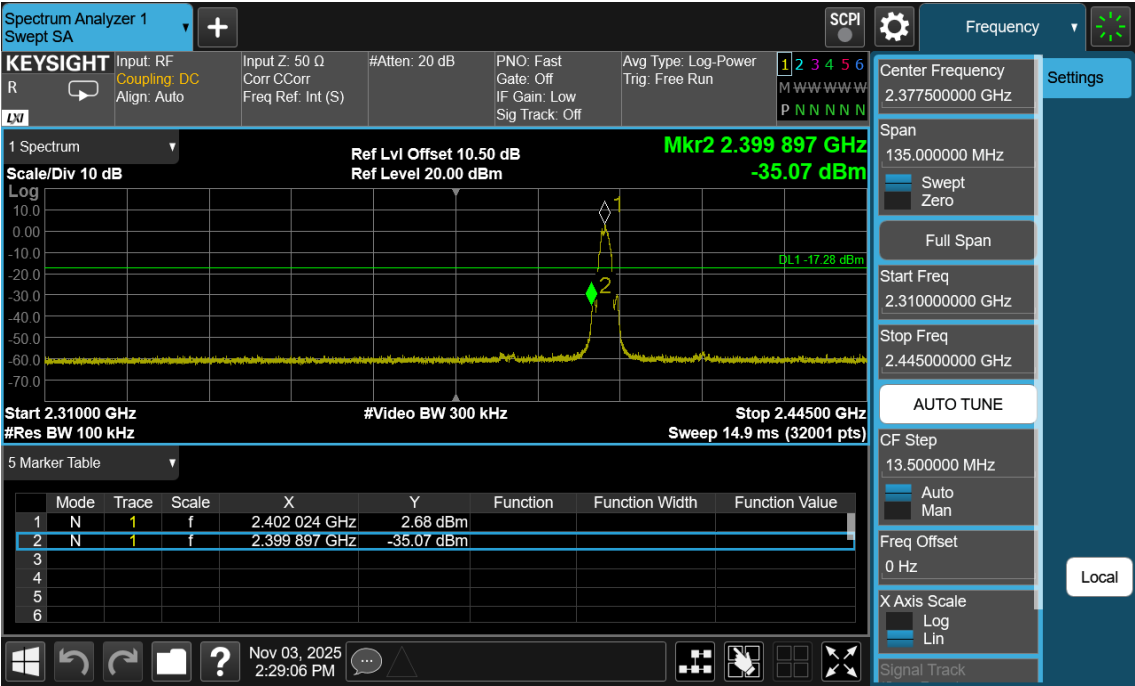
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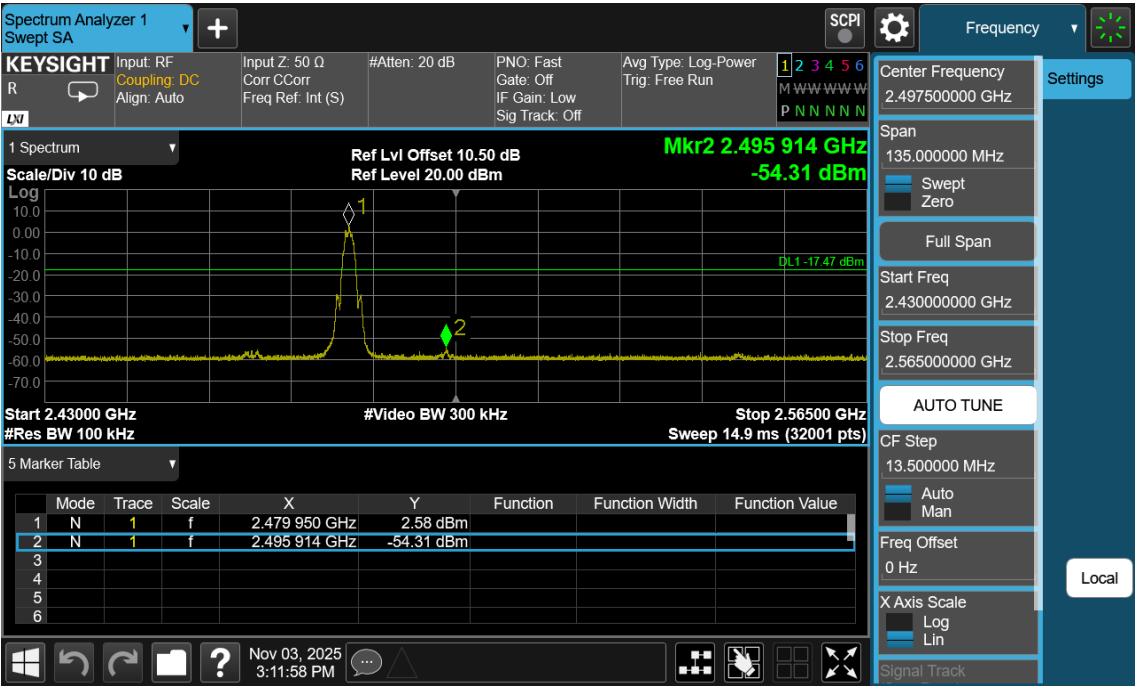


Band Edges<2Mbps>

<Lowest Channel>



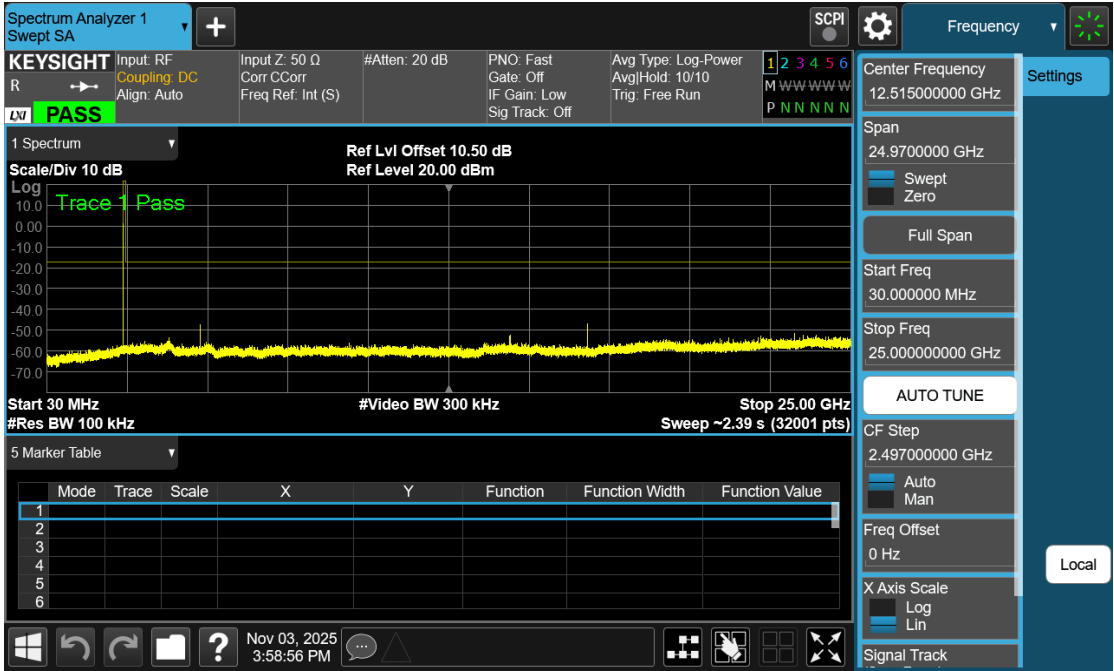
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Conducted Spurious Emissions <1Mbps>

<Lowest Channel>

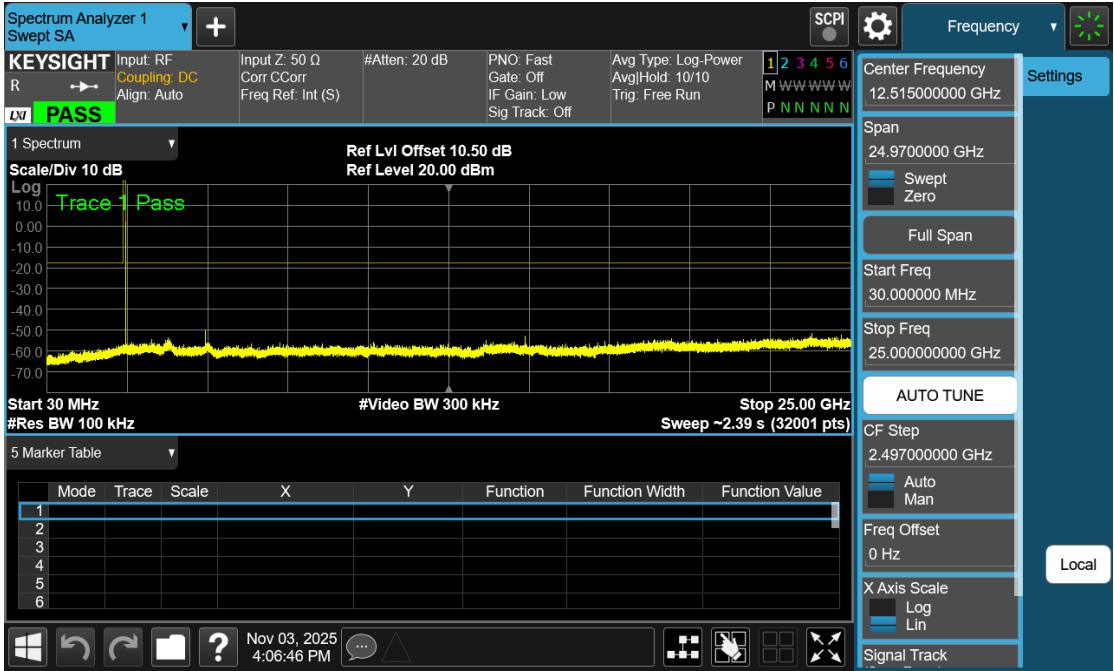


<Middle Channel>





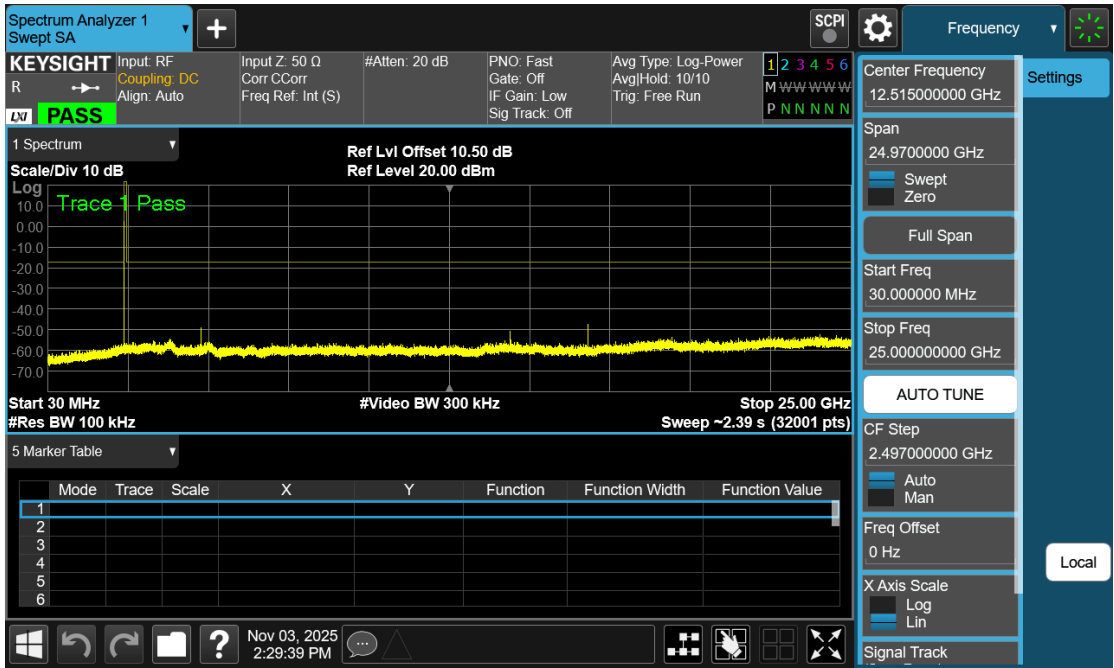
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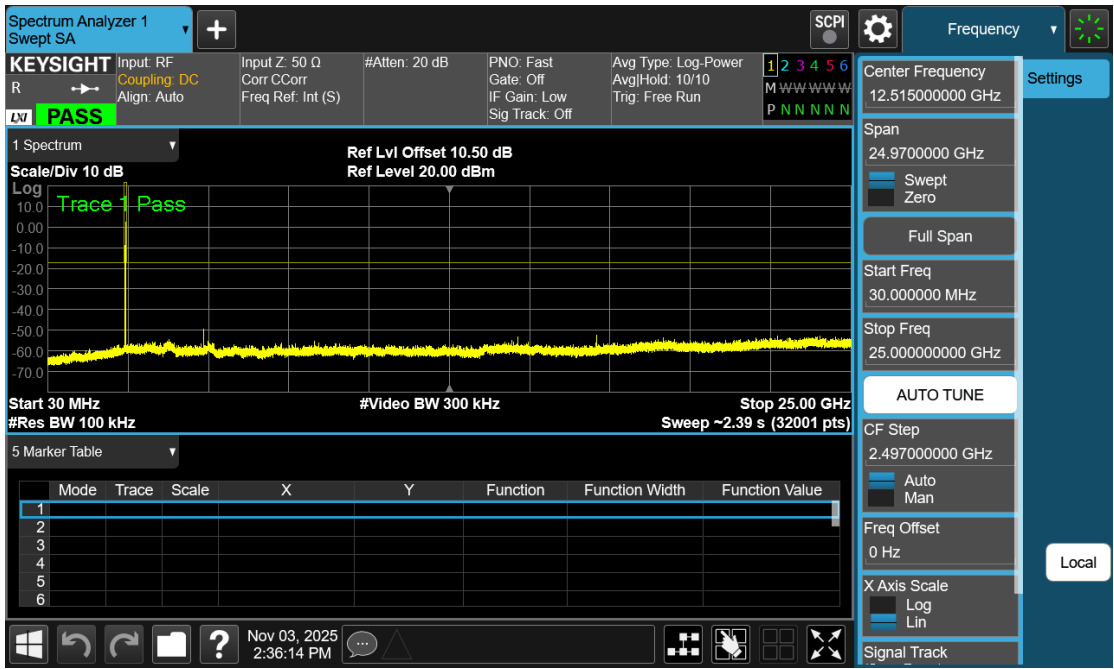


Conducted Spurious Emissions <2Mbps>

<Lowest Channel>

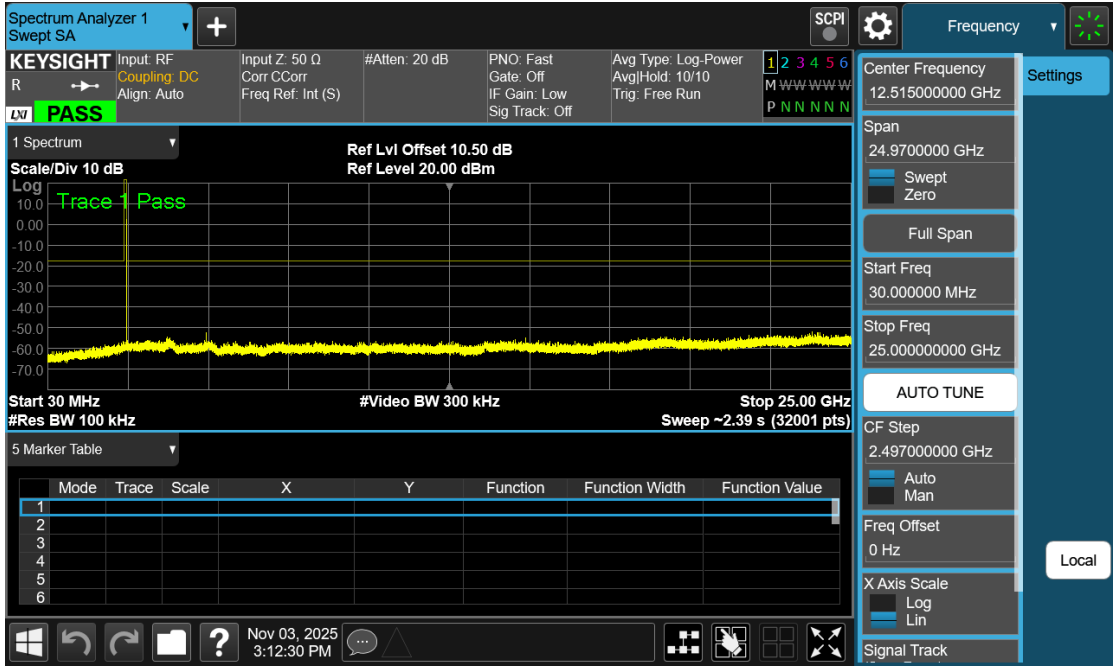


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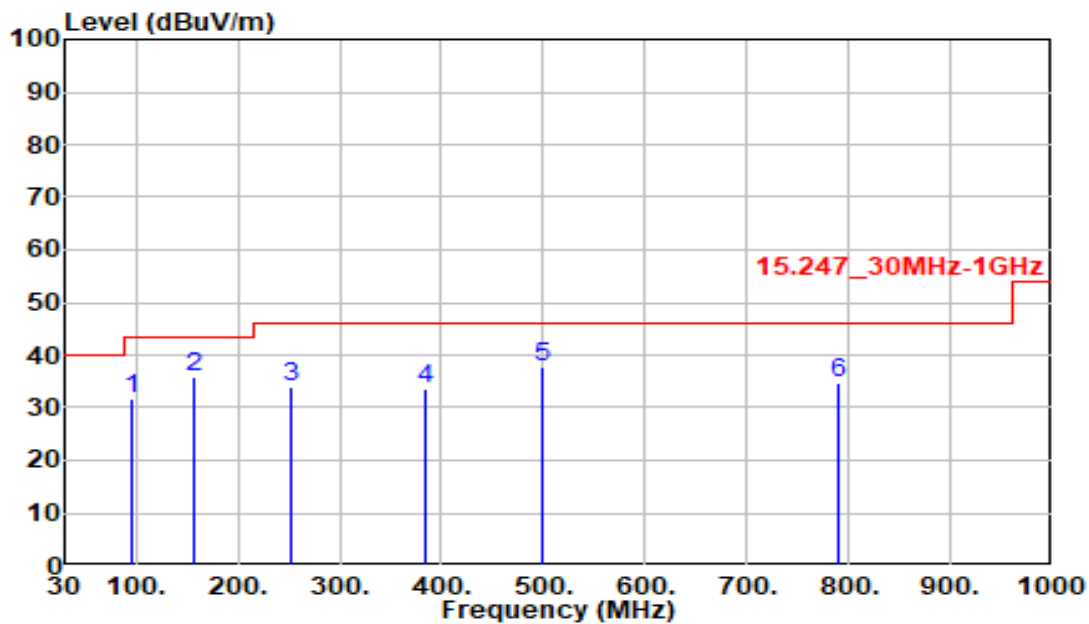


< Highest Channel >



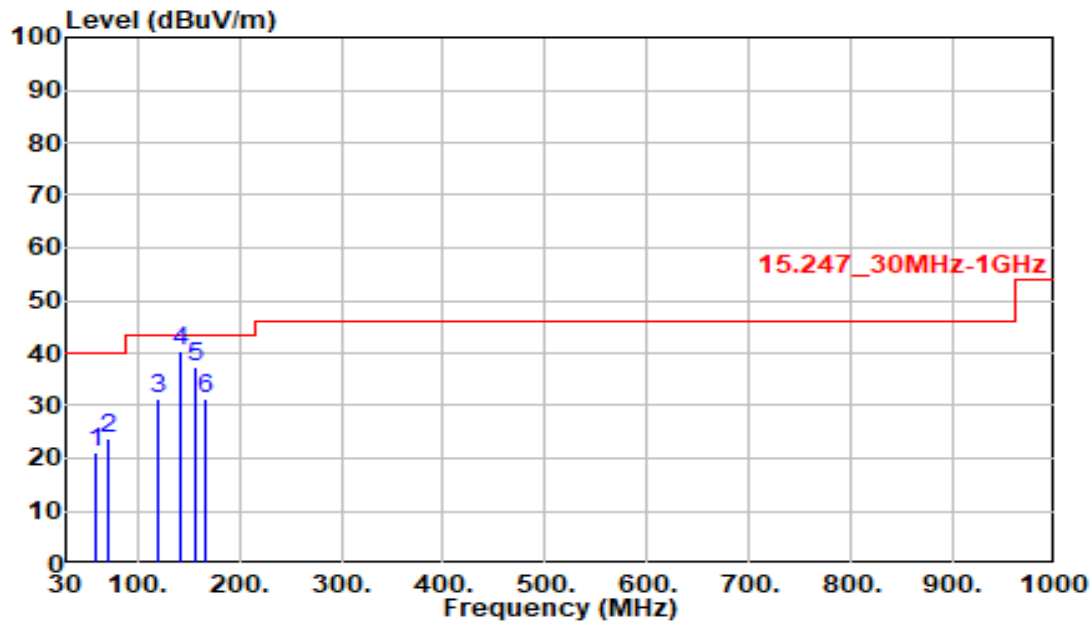
Appendix G. Radiated Spurious Emissions and Band Edges

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



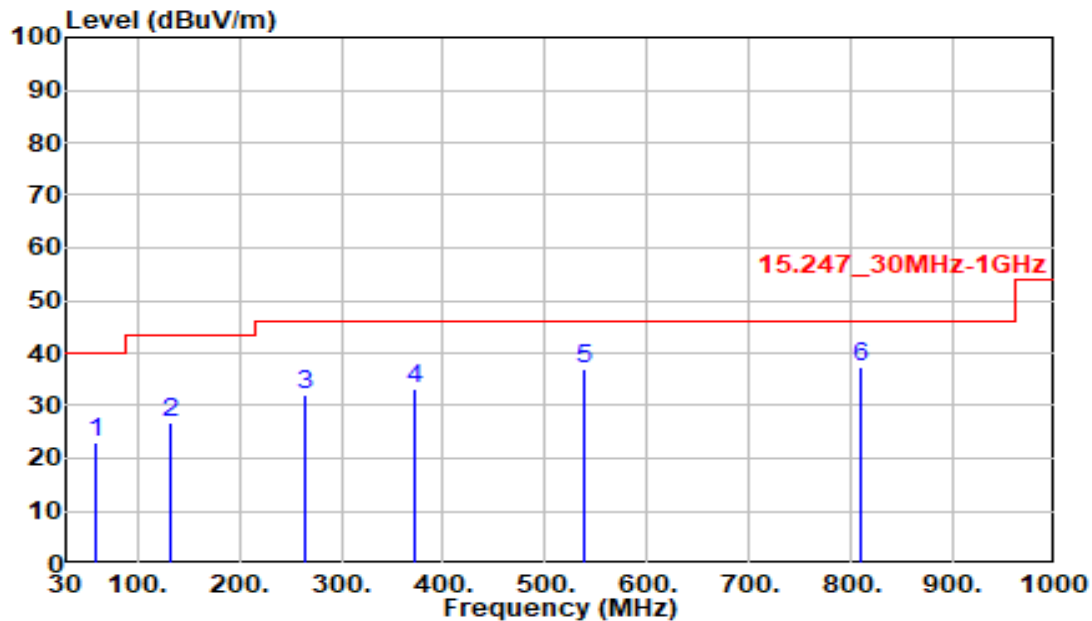
Freq MHz	Read LV. dBUV	Factor dB/m	Emission LV dBUV/m	Limit dBUV/m	Margin dB	Detector PK/QP/AV	Apos CM	TPos DEG
95.960	61.06	-29.39	31.67	43.50	-11.83	Peak	217	84
156.100	59.69	-23.82	35.87	43.50	-7.63	Peak	324	249
252.130	58.74	-24.85	33.89	46.00	-12.11	Peak	211	280
384.050	54.40	-20.74	33.66	46.00	-12.34	Peak	165	232
499.480	55.88	-18.13	37.75	46.00	-8.25	Peak	189	79
789.510	47.30	-12.63	34.67	46.00	-11.33	Peak	246	135

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



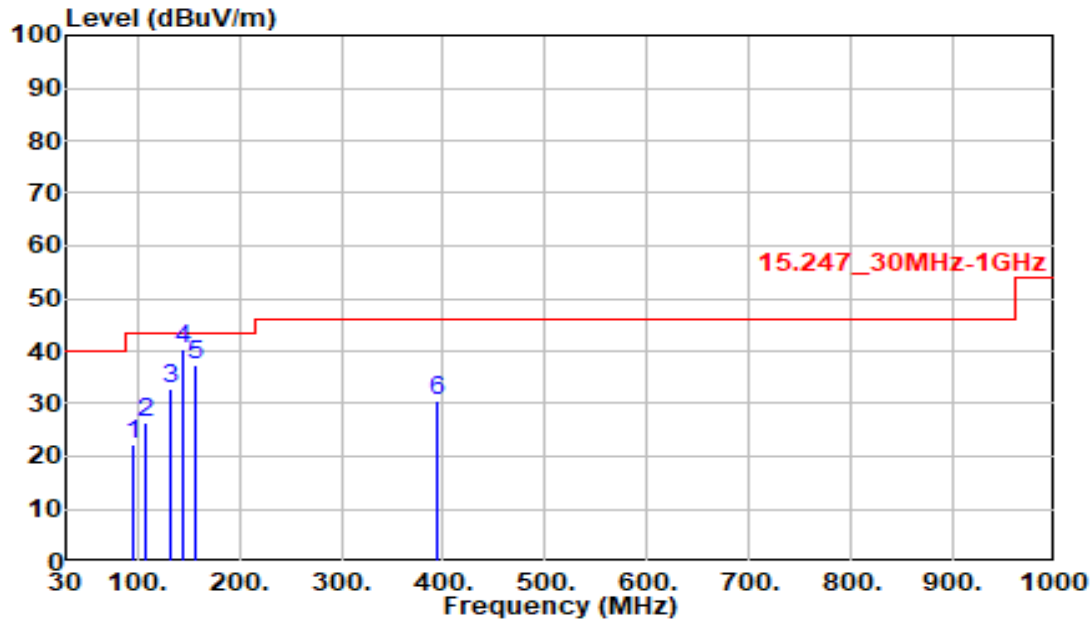
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
60.070	45.10	-24.11	20.99	40.00	-19.01	QP	219	163
71.710	50.40	-26.50	23.90	40.00	-16.10	QP	162	195
120.210	57.70	-26.40	31.30	43.50	-12.20	QP	304	339
143.490	64.60	-24.35	40.25	43.50	-3.25	QP	104	178
156.100	61.00	-23.82	37.18	43.50	-6.32	QP	139	178
167.740	55.40	-24.23	31.17	43.50	-12.33	QP	216	360

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



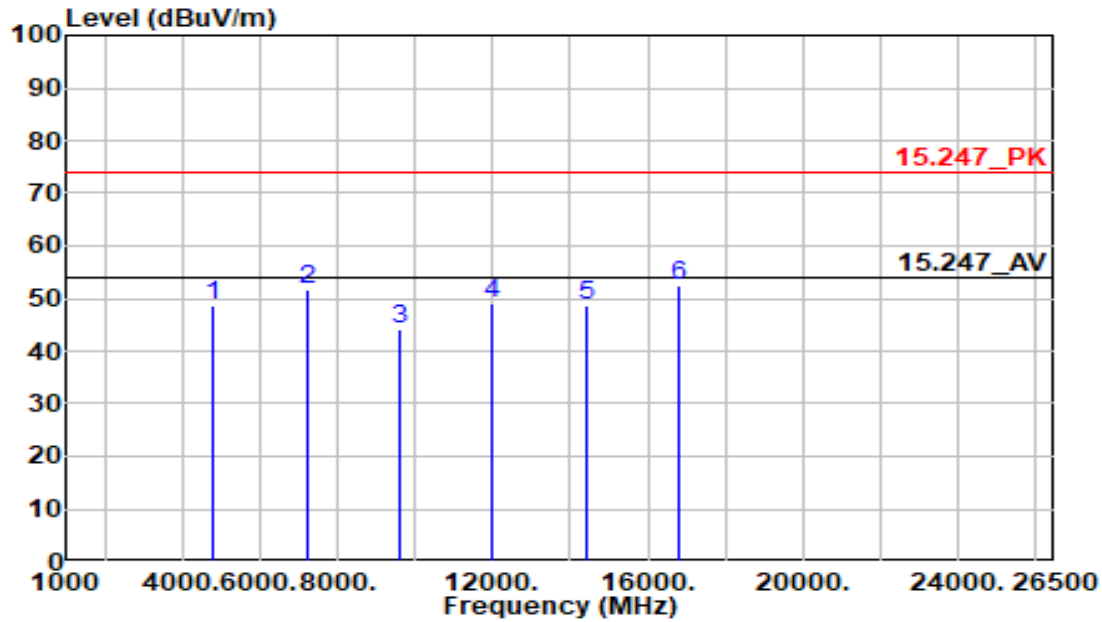
Freq MHz	Read LV. dBuV	Factor dB/m	Emission LV dBuV/m	Limit dBuV/m	Margin dB	Detector PK/QP/AV	Apos CM	TPos DEG
60.070	47.04	-24.11	22.93	40.00	-17.07	Peak	137	96
131.850	52.20	-25.39	26.81	43.50	-16.69	QP	112	79
264.740	56.54	-24.28	32.26	46.00	-13.74	Peak	281	49
371.440	54.35	-21.16	33.19	46.00	-12.81	Peak	204	345
538.280	54.52	-17.36	37.16	46.00	-8.84	Peak	306	297
809.880	49.83	-12.43	37.40	46.00	-8.60	Peak	315	118

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



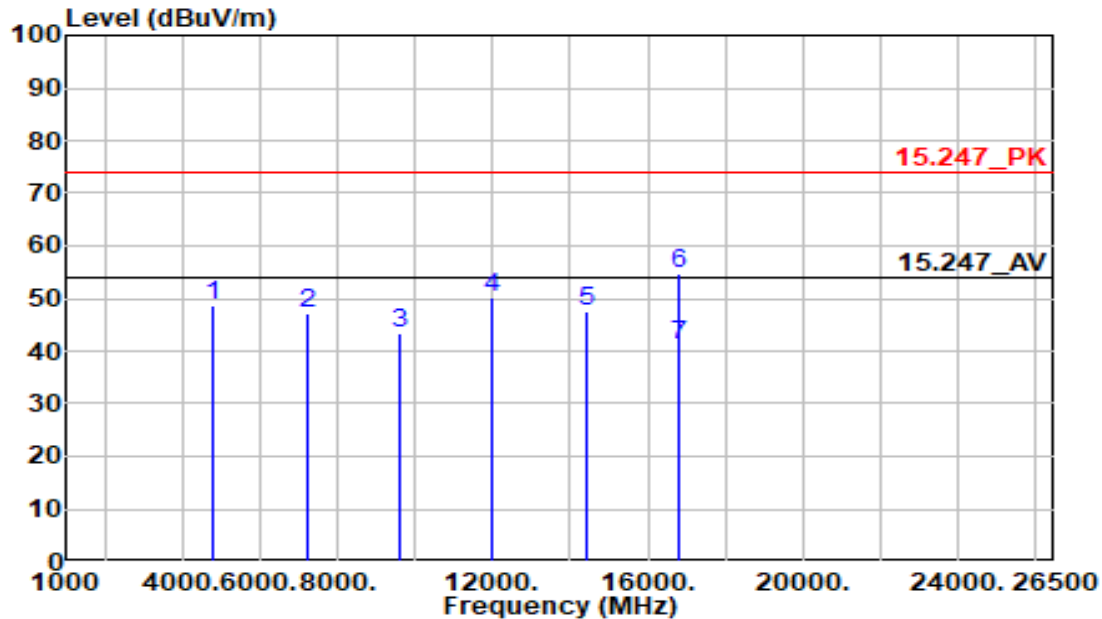
Freq MHz	Read LV. dBUV	Factor dB/m	Emission LV dBUV/m	Limit dBUV/m	Margin dB	Detector PK/QP/AV	Apos CM	TPos DEG
95.960	51.80	-29.39	22.41	43.50	-21.09	QP	218	214
107.600	54.00	-27.55	26.45	43.50	-17.05	QP	264	170
131.850	58.30	-25.39	32.91	43.50	-10.59	QP	220	232
144.460	64.70	-24.27	40.43	43.50	-3.07	QP	109	352
156.100	61.20	-23.82	37.38	43.50	-6.12	QP	173	352
394.720	51.00	-20.39	30.61	46.00	-15.39	QP	311	168

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



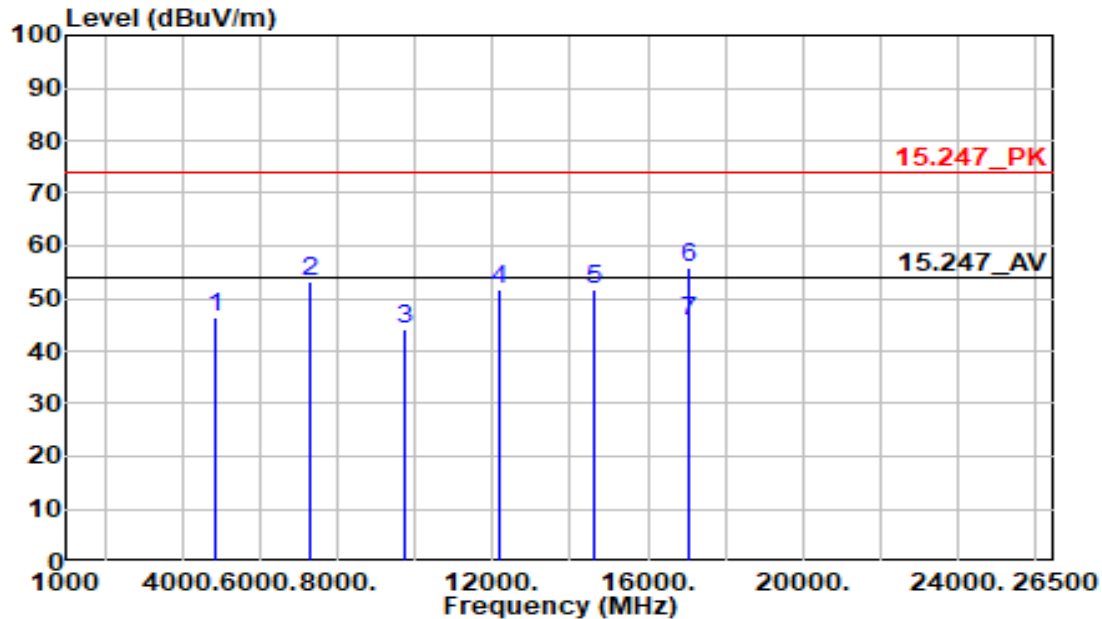
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4804.000	53.19	-4.38	48.81	74.00	-25.19	Peak	124	25
7206.000	49.75	1.80	51.55	74.00	-22.45	Peak	207	358
9608.000	38.84	5.39	44.23	74.00	-29.77	Peak	116	112
12010.000	39.34	9.57	48.91	74.00	-25.09	Peak	193	4
14412.000	35.00	13.55	48.55	74.00	-25.45	Peak	295	341
16814.000	39.54	13.10	52.64	74.00	-21.36	Peak	246	349

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



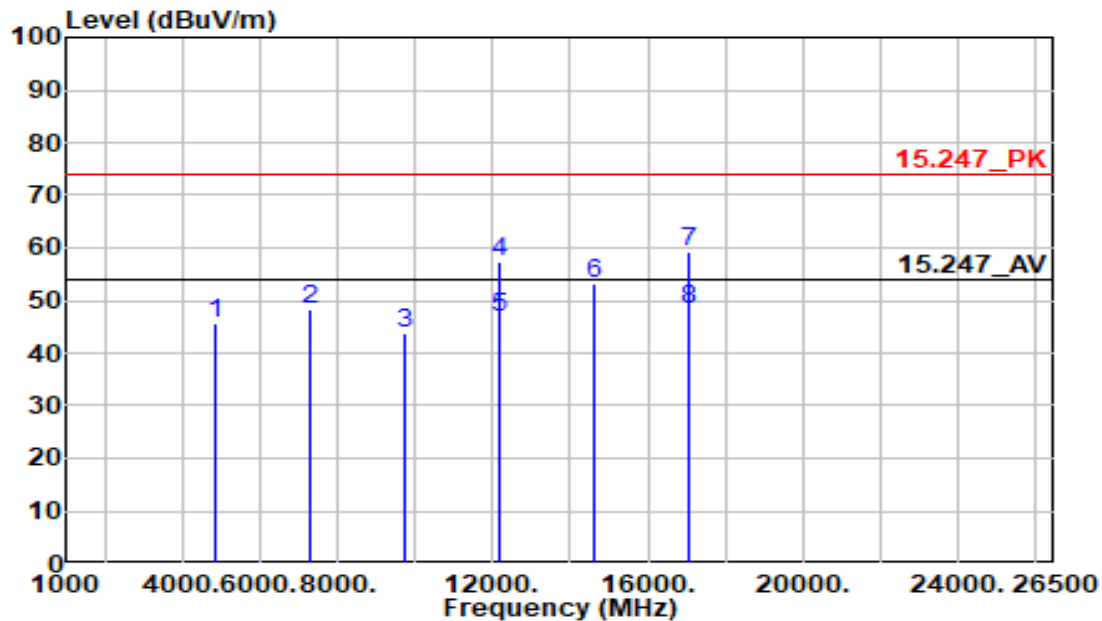
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4804.000	52.93	-4.38	48.55	74.00	-25.45	Peak	217	166
7206.000	45.27	1.80	47.07	74.00	-26.93	Peak	138	231
9608.000	38.09	5.39	43.48	74.00	-30.52	Peak	315	211
12010.000	40.65	9.57	50.22	74.00	-23.78	Peak	119	28
14412.000	34.13	13.55	47.68	74.00	-26.32	Peak	205	148
16814.000	41.58	13.10	54.68	74.00	-19.32	Peak	148	35
16814.000	27.93	13.10	41.03	54.00	-12.97	Average	148	35

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



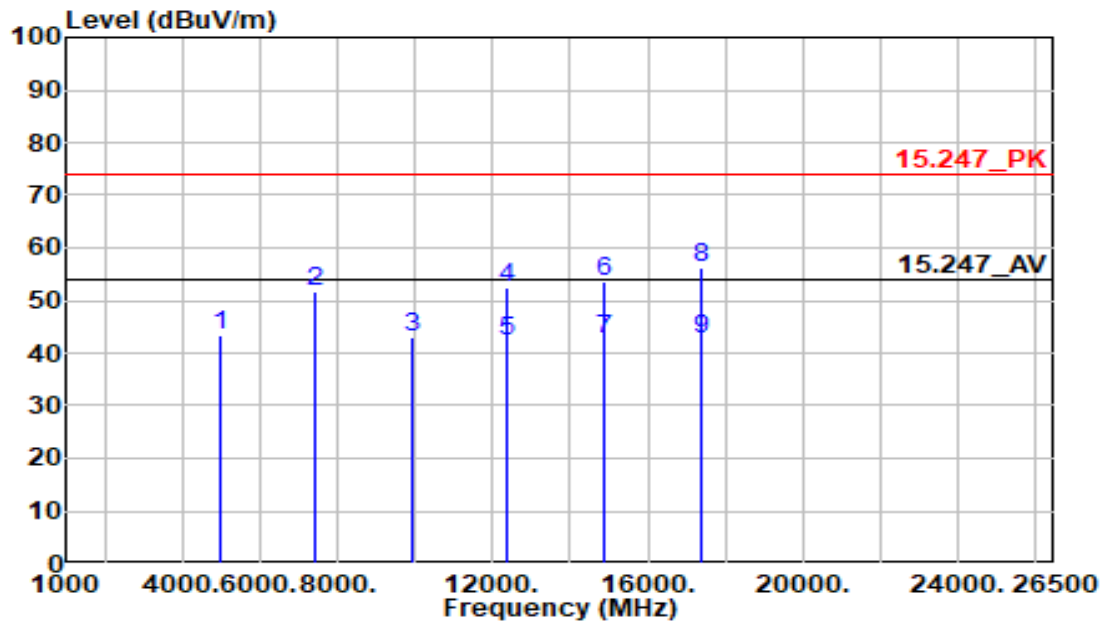
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4880.000	50.56	-4.14	46.42	74.00	-27.58	Peak	211	204
7320.000	51.06	2.04	53.10	74.00	-20.90	Peak	183	307
9760.000	38.53	5.72	44.25	74.00	-29.75	Peak	264	156
12200.000	41.65	10.07	51.72	74.00	-22.28	Peak	229	27
14640.000	38.17	13.56	51.73	74.00	-22.27	Peak	143	194
17080.000	42.65	13.05	55.70	74.00	-18.30	Peak	217	360
17080.000	32.79	13.05	45.84	54.00	-8.16	Average	217	360

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



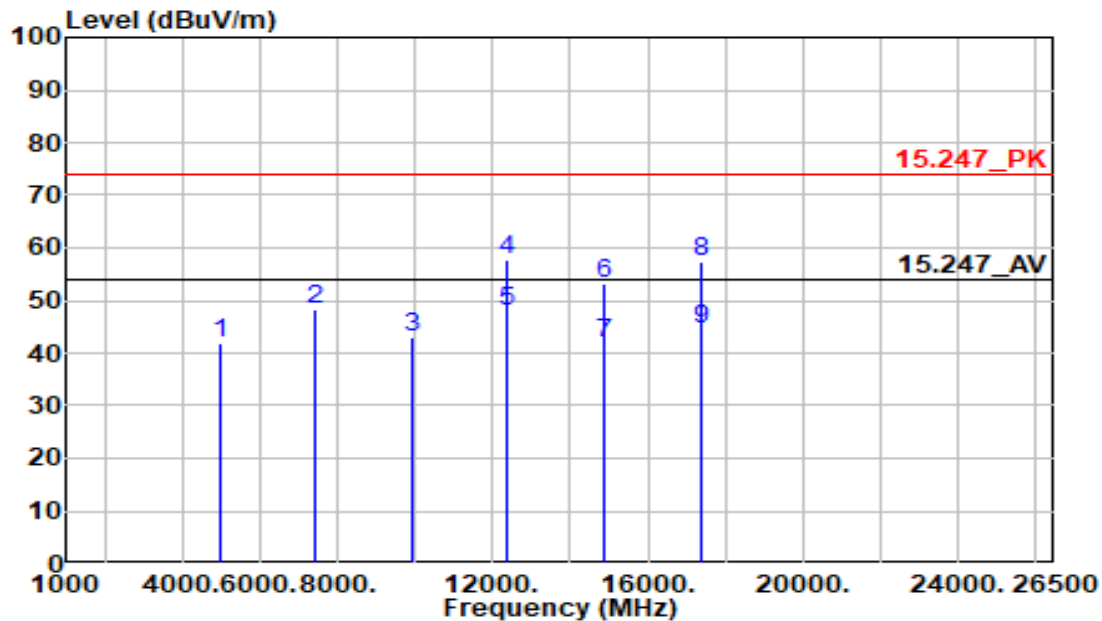
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MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4880.000	49.74	-4.14	45.60	74.00	-28.40	Peak	217	147
7320.000	46.42	2.04	48.46	74.00	-25.54	Peak	119	226
9760.000	38.18	5.72	43.90	74.00	-30.10	Peak	232	296
12200.000	47.28	10.07	57.35	74.00	-16.65	Peak	167	25
12200.000	36.87	10.07	46.94	54.00	-7.06	Average	167	25
14640.000	39.49	13.56	53.05	74.00	-20.95	Peak	341	291
17080.000	46.06	13.05	59.11	74.00	-14.89	Peak	267	38
17080.000	35.15	13.05	48.20	54.00	-5.80	Average	267	38

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



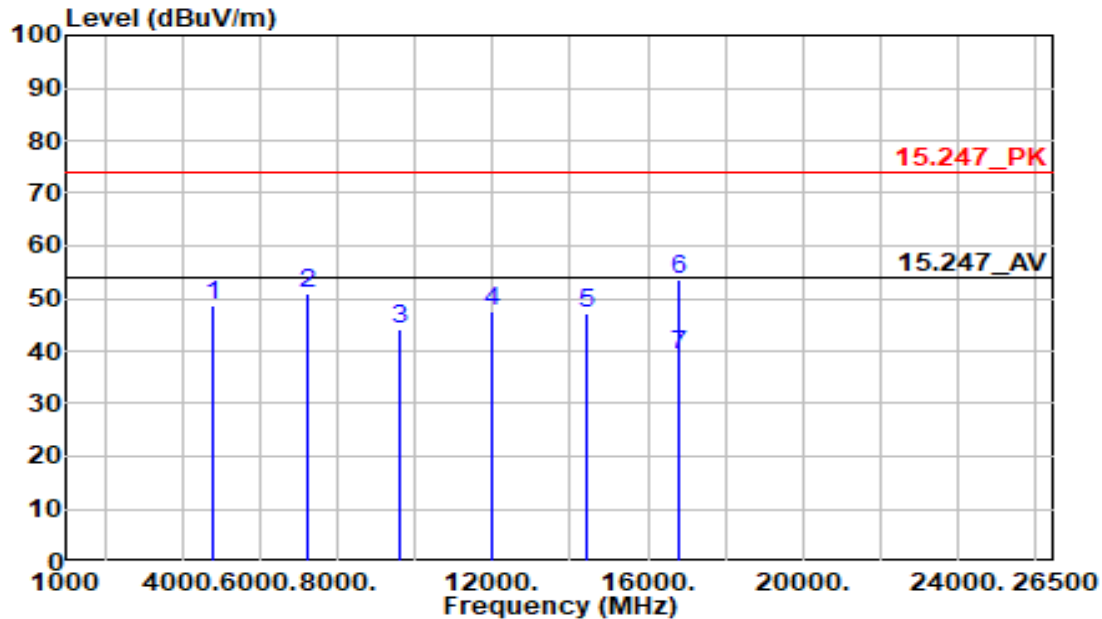
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4960.000	47.34	-3.90	43.44	74.00	-30.56	Peak	217	85
7440.000	49.55	2.29	51.84	74.00	-22.16	Peak	179	329
9920.000	36.77	6.07	42.84	74.00	-31.16	Peak	312	227
12400.000	41.96	10.60	52.56	74.00	-21.44	Peak	211	12
12400.000	31.77	10.60	42.37	54.00	-11.63	Average	211	12
14880.000	40.31	13.29	53.60	74.00	-20.40	Peak	197	186
14880.000	29.18	13.29	42.47	54.00	-11.53	Average	197	186
17360.000	43.11	12.96	56.07	74.00	-17.93	Peak	206	355
17360.000	29.58	12.96	42.54	54.00	-11.46	Average	206	355

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



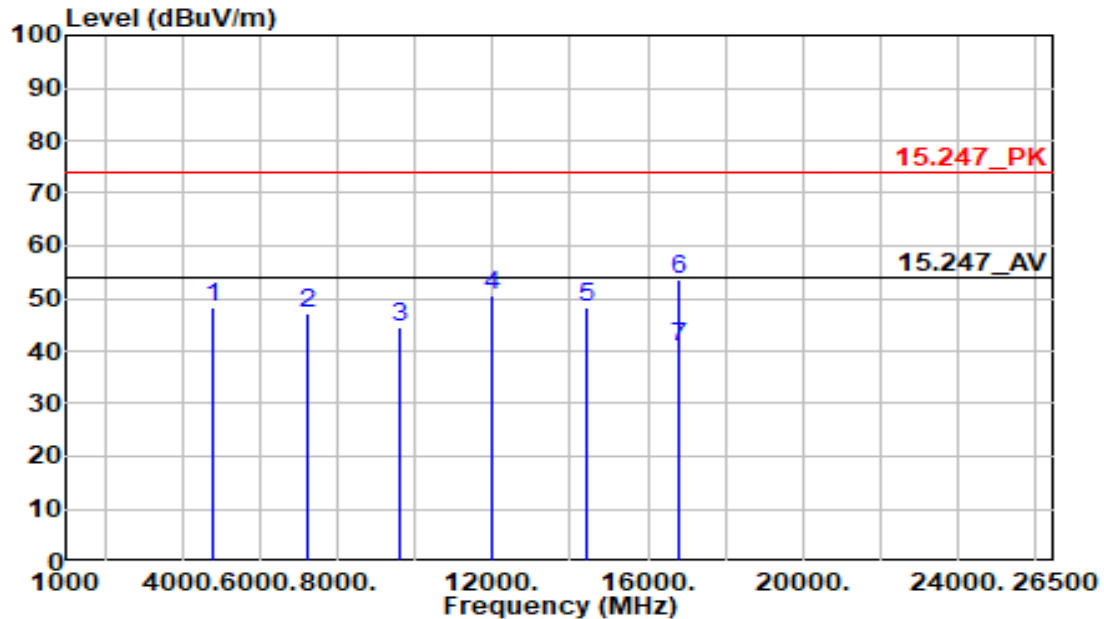
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4960.000	45.64	-3.90	41.74	74.00	-32.26	Peak	205	121
7440.000	46.14	2.29	48.43	74.00	-25.57	Peak	198	204
9920.000	37.04	6.07	43.11	74.00	-30.89	Peak	226	301
12400.000	47.26	10.60	57.86	74.00	-16.14	Peak	210	16
12400.000	37.15	10.60	47.75	54.00	-6.25	Average	210	16
14880.000	40.05	13.29	53.34	74.00	-20.66	Peak	167	301
14880.000	28.46	13.29	41.75	54.00	-12.25	Average	167	301
17360.000	44.23	12.96	57.19	74.00	-16.81	Peak	262	31
17360.000	31.43	12.96	44.39	54.00	-9.61	Average	262	31

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



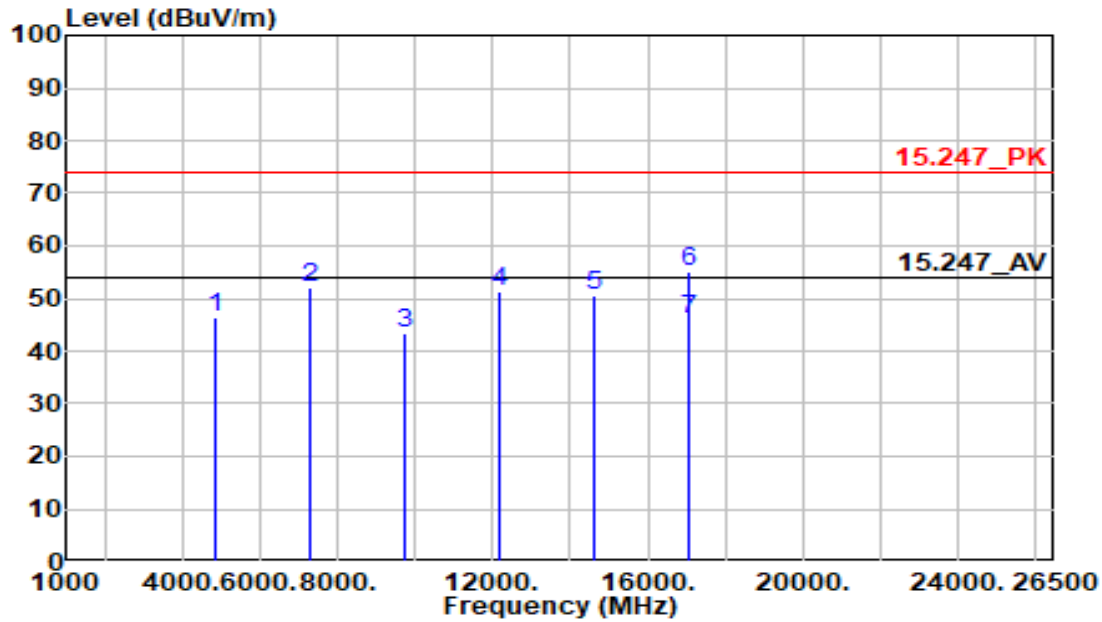
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4804.000	52.95	-4.38	48.57	74.00	-25.43	Peak	142	28
7206.000	49.32	1.80	51.12	74.00	-22.88	Peak	215	124
9608.000	38.80	5.39	44.19	74.00	-29.81	Peak	332	159
12010.000	38.04	9.57	47.61	74.00	-26.39	Peak	236	13
14412.000	33.62	13.55	47.17	74.00	-26.83	Peak	319	93
16814.000	40.37	13.10	53.47	74.00	-20.53	Peak	192	356
16814.000	26.13	13.10	39.23	54.00	-14.77	Average	192	356

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



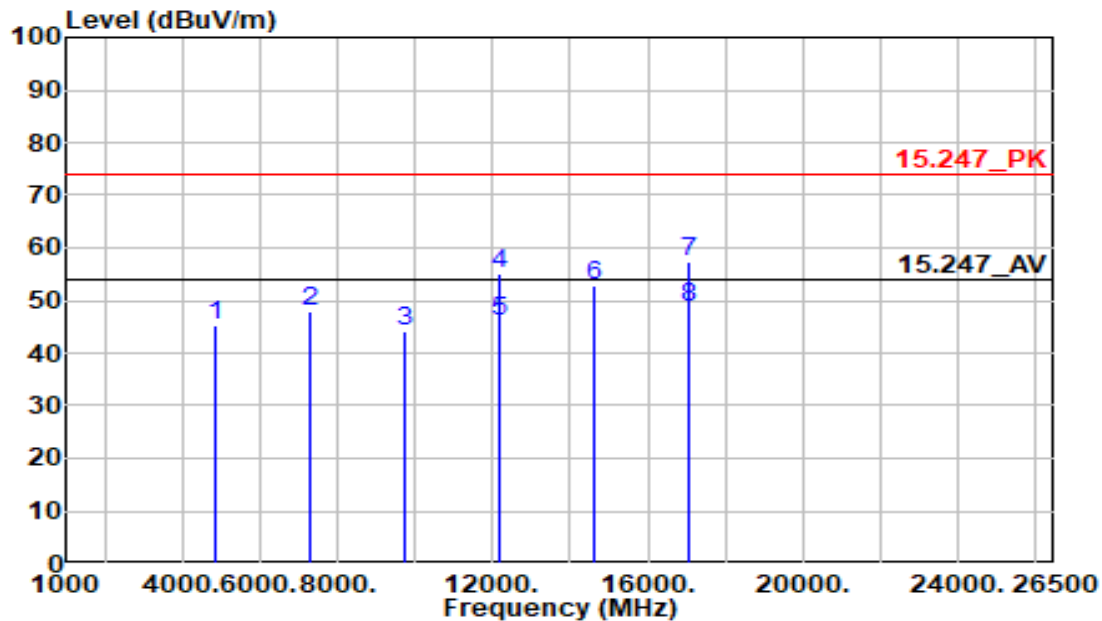
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4804.000	52.53	-4.38	48.15	74.00	-25.85	Peak	142	164
7206.000	45.28	1.80	47.08	74.00	-26.92	Peak	218	354
9608.000	39.14	5.39	44.53	74.00	-29.47	Peak	173	277
12010.000	40.94	9.57	50.51	74.00	-23.49	Peak	236	21
14412.000	34.78	13.55	48.33	74.00	-25.67	Peak	182	124
16814.000	40.63	13.10	53.73	74.00	-20.27	Peak	154	34
16814.000	27.54	13.10	40.64	54.00	-13.36	Average	154	34

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



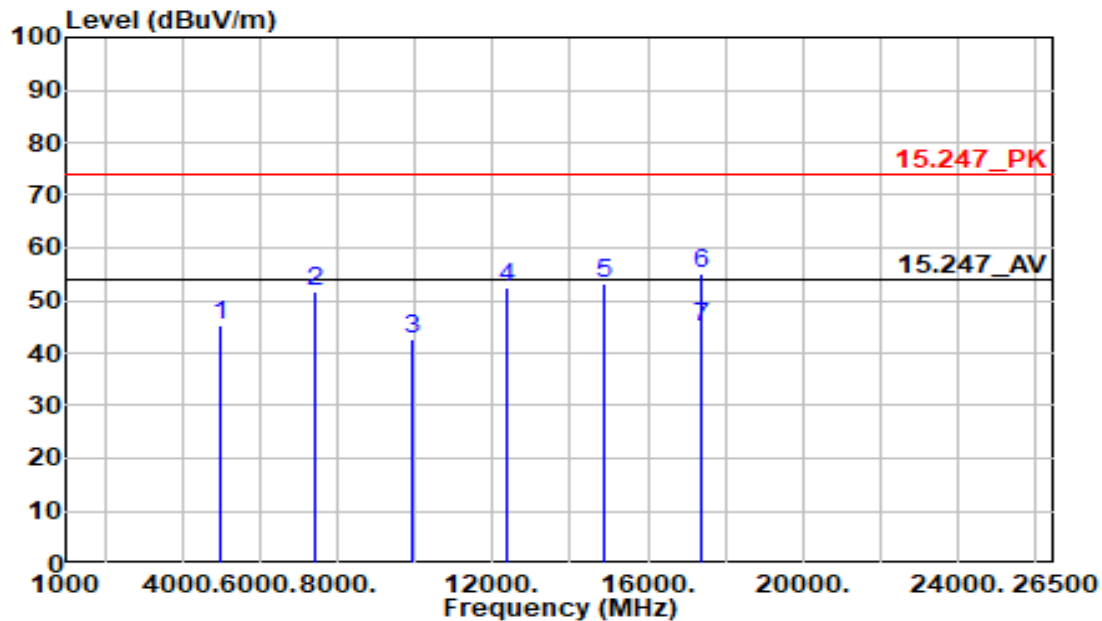
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4880.000	50.65	-4.14	46.51	74.00	-27.49	Peak	119	205
7320.000	50.15	2.04	52.19	74.00	-21.81	Peak	216	323
9760.000	37.77	5.72	43.49	74.00	-30.51	Peak	228	360
12200.000	41.15	10.07	51.22	74.00	-22.78	Peak	215	353
14640.000	36.95	13.56	50.51	74.00	-23.49	Peak	167	333
17080.000	42.17	13.05	55.22	74.00	-18.78	Peak	271	358
17080.000	33.02	13.05	46.07	54.00	-7.93	Average	271	358

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2440 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



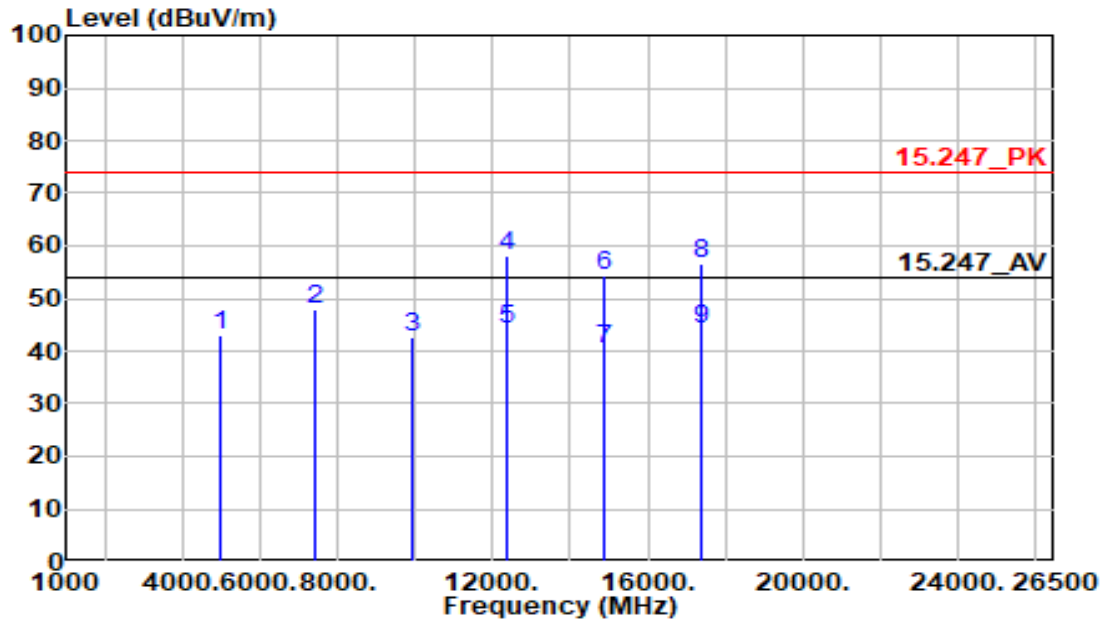
Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4880.000	49.61	-4.14	45.47	74.00	-28.53	Peak	169	168
7320.000	45.71	2.04	47.75	74.00	-26.25	Peak	214	228
9760.000	38.54	5.72	44.26	74.00	-29.74	Peak	182	341
12200.000	45.00	10.07	55.07	74.00	-18.93	Peak	141	20
12200.000	35.86	10.07	45.93	54.00	-8.07	Average	141	20
14640.000	39.12	13.56	52.68	74.00	-21.32	Peak	237	315
17080.000	44.30	13.05	57.35	74.00	-16.65	Peak	201	36
17080.000	35.48	13.05	48.53	54.00	-5.47	Average	201	36

Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Vertical
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4960.000	49.10	-3.90	45.20	74.00	-28.80	Peak	172	220
7440.000	49.55	2.29	51.84	74.00	-22.16	Peak	216	322
9920.000	36.73	6.07	42.80	74.00	-31.20	Peak	113	212
12400.000	41.86	10.60	52.46	74.00	-21.54	Peak	218	115
14880.000	39.73	13.29	53.02	74.00	-20.98	Peak	316	187
17360.000	42.32	12.96	55.28	74.00	-18.72	Peak	118	19
17360.000	31.82	12.96	44.78	54.00	-9.22	Average	118	19

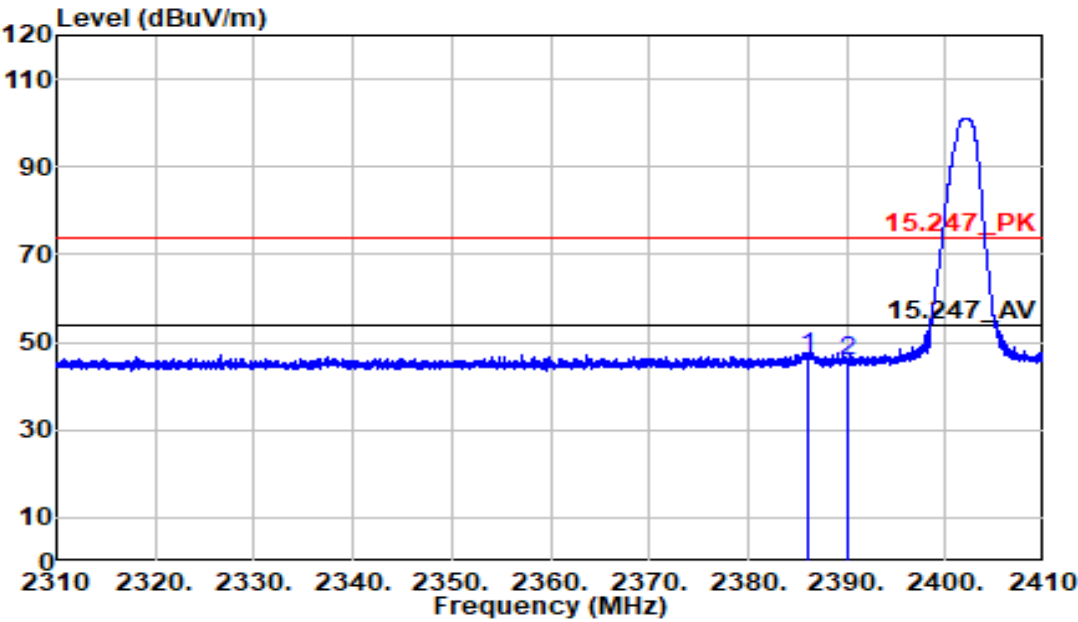
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Tx	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
4960.000	46.91	-3.90	43.01	74.00	-30.99	Peak	278	354
7440.000	45.82	2.29	48.11	74.00	-25.89	Peak	301	332
9920.000	36.55	6.07	42.62	74.00	-31.38	Peak	222	358
12400.000	47.48	10.60	58.08	74.00	-15.92	Peak	198	21
12400.000	33.54	10.60	44.14	54.00	-9.86	Average	206	21
14880.000	40.97	13.29	54.26	74.00	-19.74	Peak	178	34
14880.000	27.21	13.29	40.50	54.00	-13.50	Average	178	34
17360.000	43.59	12.96	56.55	74.00	-17.45	Peak	114	36
17360.000	31.19	12.96	44.15	54.00	-9.85	Average	114	36



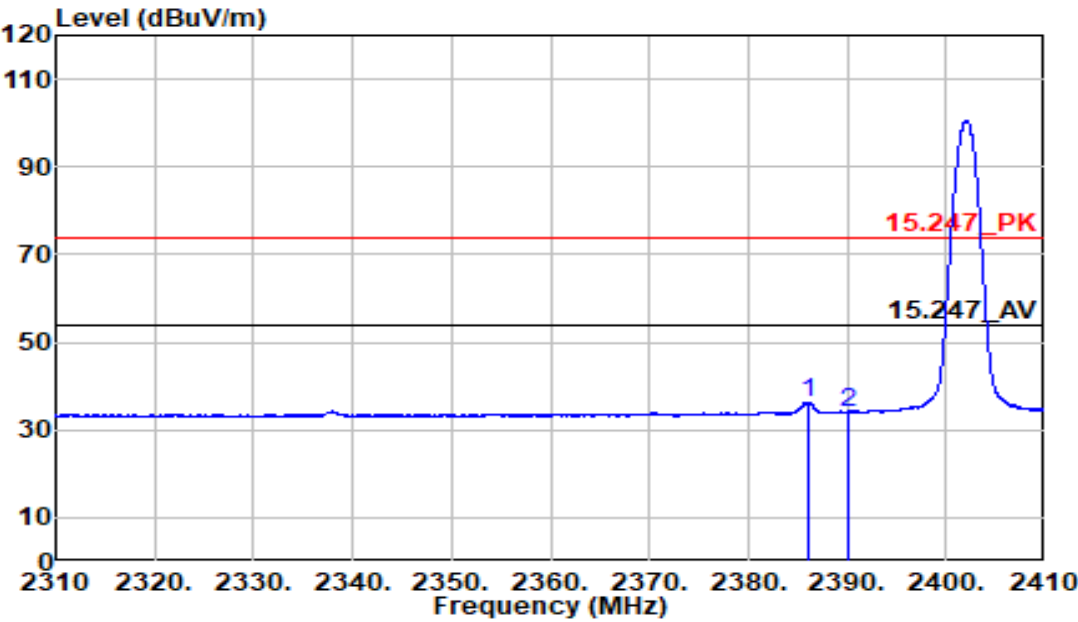
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Vertical
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.050	58.18	-11.48	46.70	74.00	-27.30	Peak	109	115
2390.000	57.22	-11.47	45.75	74.00	-28.25	Peak	109	115



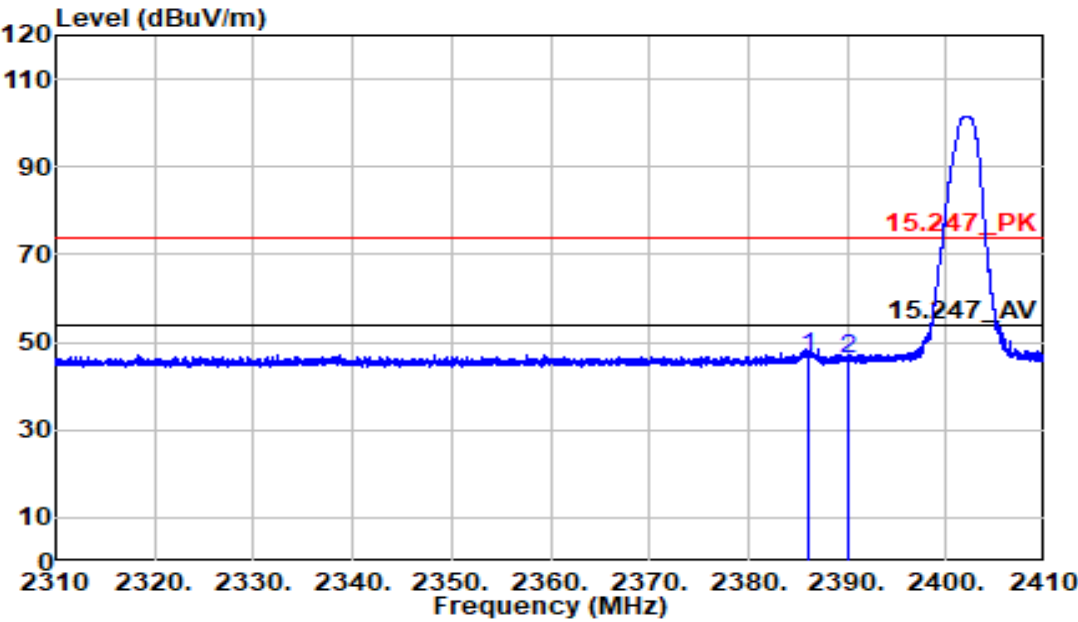
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Vertical
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.	dB/m	LV	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.050	47.75	-11.48	36.27	54.00	-17.73	Average	109	115
2390.000	45.51	-11.47	34.04	54.00	-19.96	Average	109	115



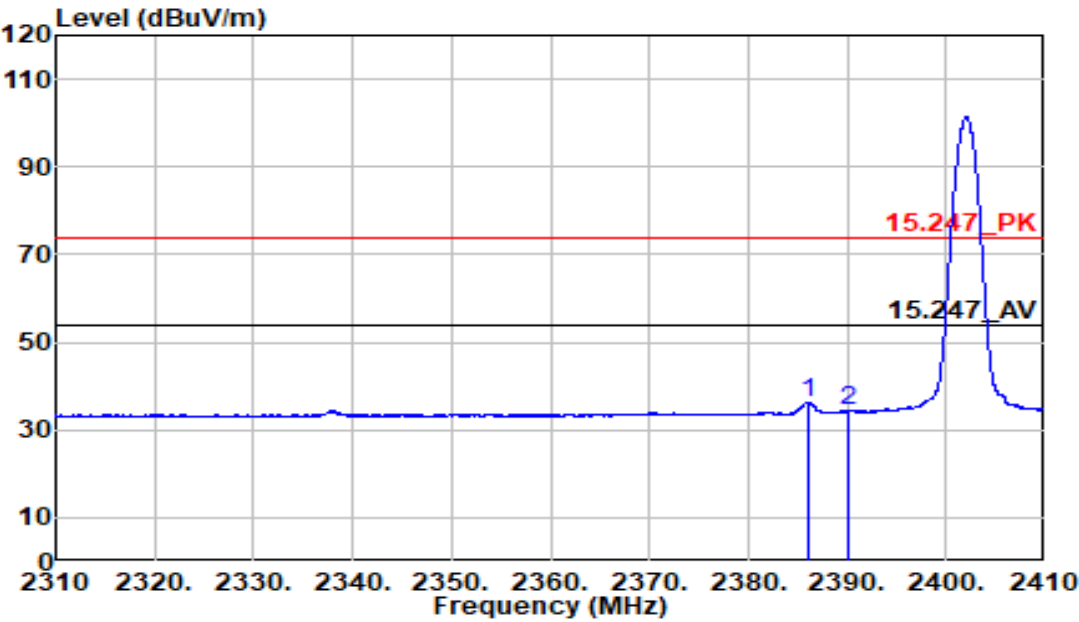
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.050	58.22	-11.48	46.75	74.00	-27.25	Peak	117	209
2390.000	57.55	-11.47	46.08	74.00	-27.92	Peak	117	209



Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV			PK/QP/AV	CM	DEG
	dBuV	dB/m	dBuV/m	dBuV/m	dB			
2386.050	47.85	-11.48	36.37	54.00	-17.63	Average	117	209
2390.000	45.76	-11.47	34.29	54.00	-19.71	Average	117	209



Report No.

Product Name

Operation Band

Channel

Mode

Power Setting

Plane

Note

:6128625059801

:SnapBack with MyFinder

:BLE 1M

:2480 MHz

:Bandedge

:3.5

:Y Plane

:

Test Date

Model Name

Temp/Humi

Antenna Pol

Test Engineer

Test Site

Voltage

:2025-11-04

:32064

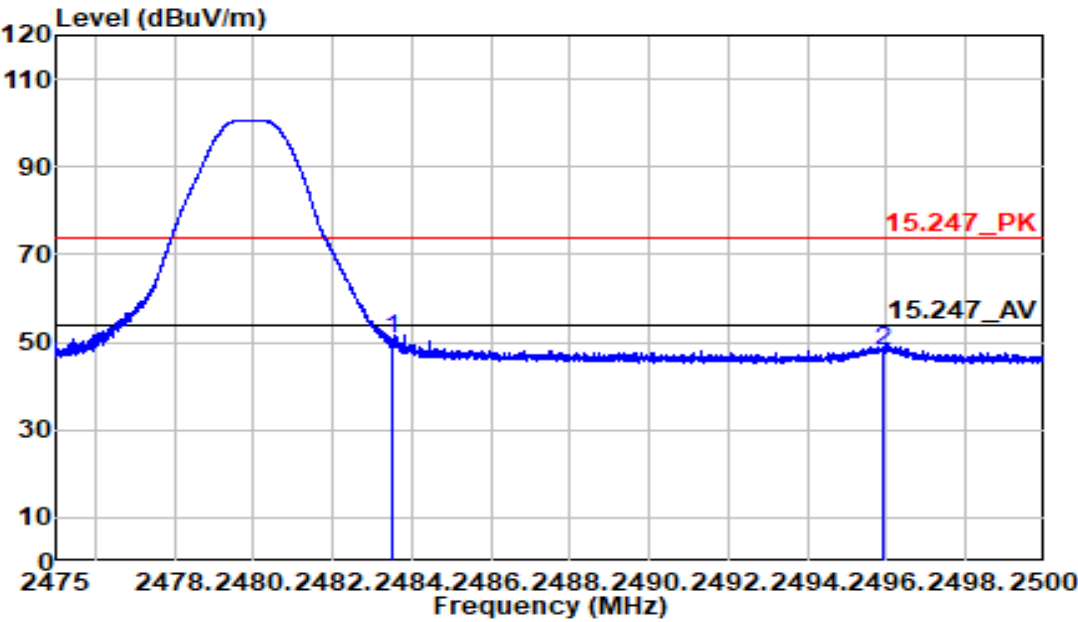
:21.8C/57%

:Vertical

:Kevin Syu

:chamber B

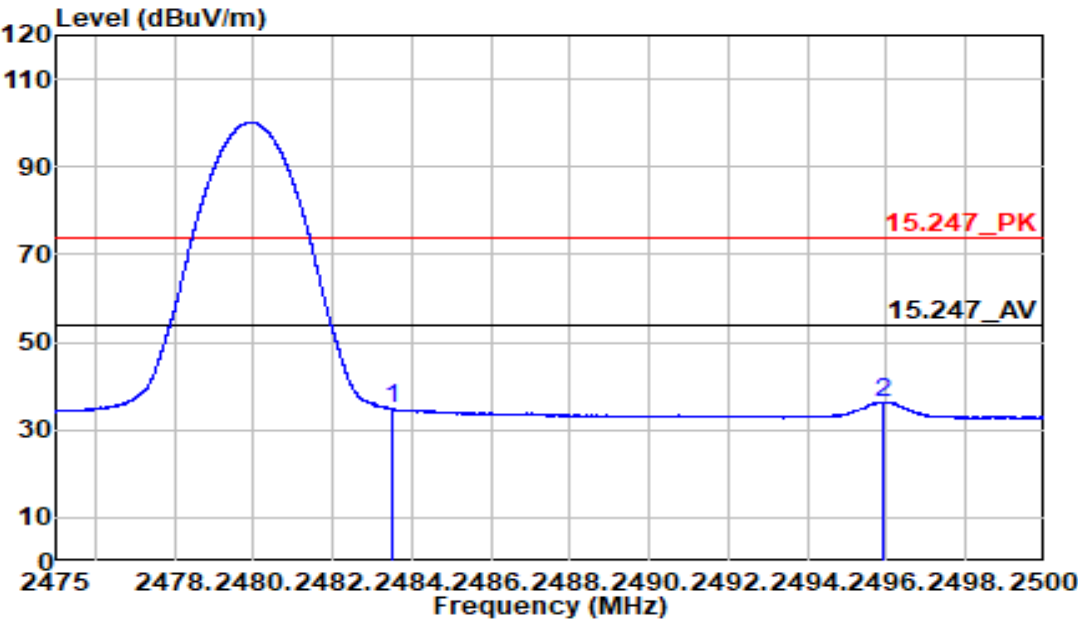
:5Vdc via usb



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	61.91	-11.27	50.65	74.00	-23.35	Peak	122	116
2495.925	59.23	-11.24	48.00	74.00	-26.00	Peak	122	116



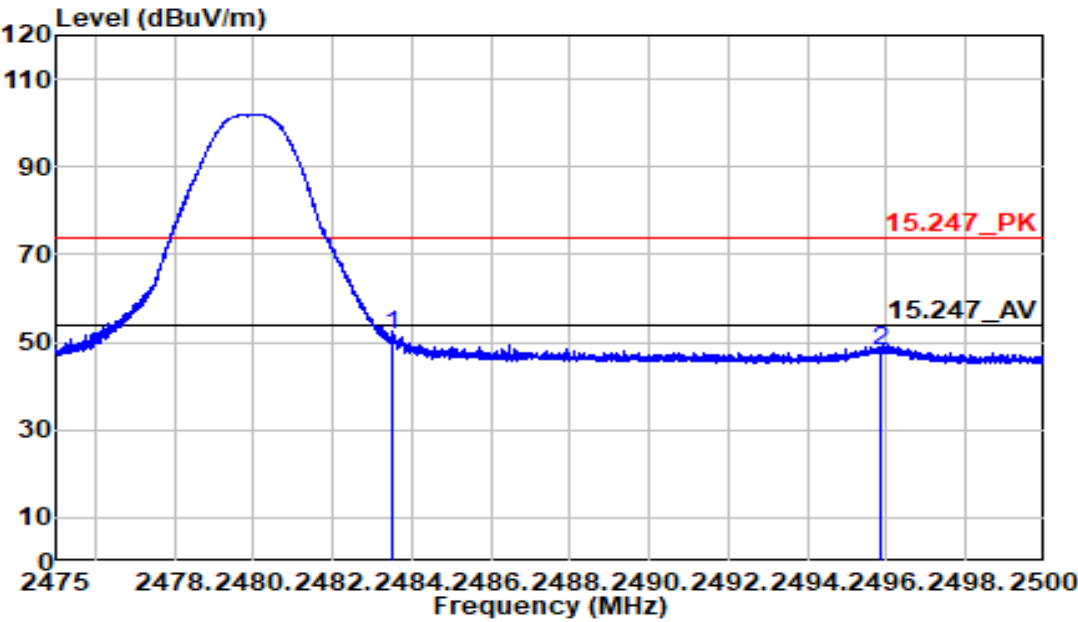
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Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Vertical
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	46.11	-11.27	34.84	54.00	-19.16	Average	122	116
2495.925	47.61	-11.24	36.37	54.00	-17.63	Average	122	116



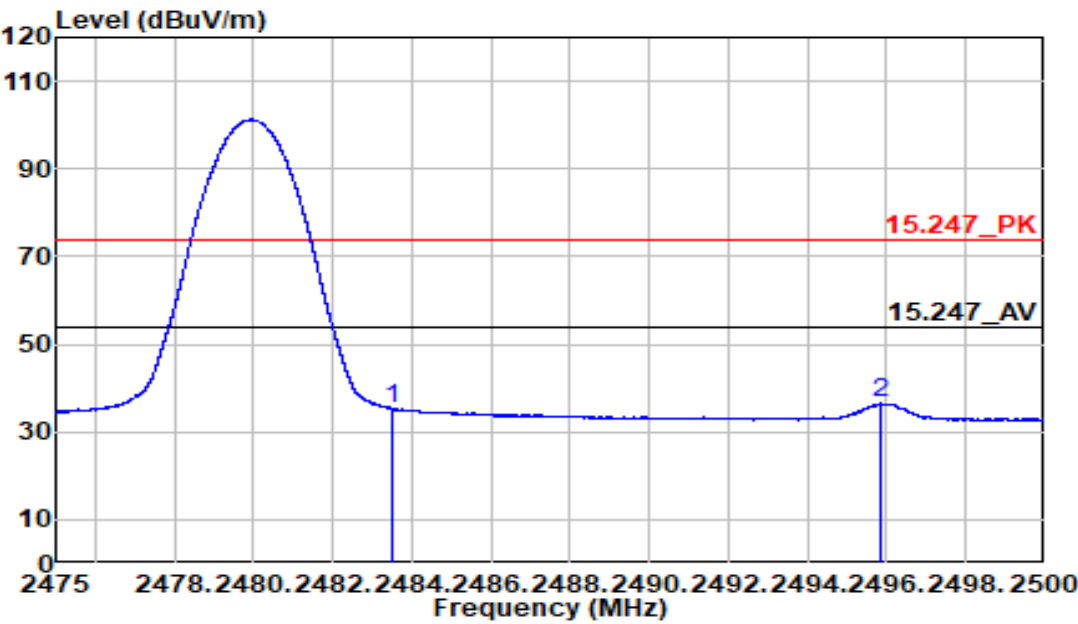
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	62.85	-11.27	51.58	74.00	-22.42	Peak	119	330
2495.819	59.25	-11.24	48.01	74.00	-25.99	Peak	119	330



Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 1M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.	dB/m	LV	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	46.53	-11.27	35.26	54.00	-18.74	Average	119	330
2495.819	47.72	-11.24	36.48	54.00	-17.52	Average	119	330



Report No.

Product Name

Operation Band

Channel

Mode

Power Setting

Plane

Note

:6128625059801

:SnapBack with MyFinder

:BLE 2M

:2402 MHz

:Bandedge

:3.5

:Y Plane

:

Test Date

Model Name

Temp/Humi

Antenna Pol

Test Engineer

Test Site

Voltage

:2025-11-04

:32064

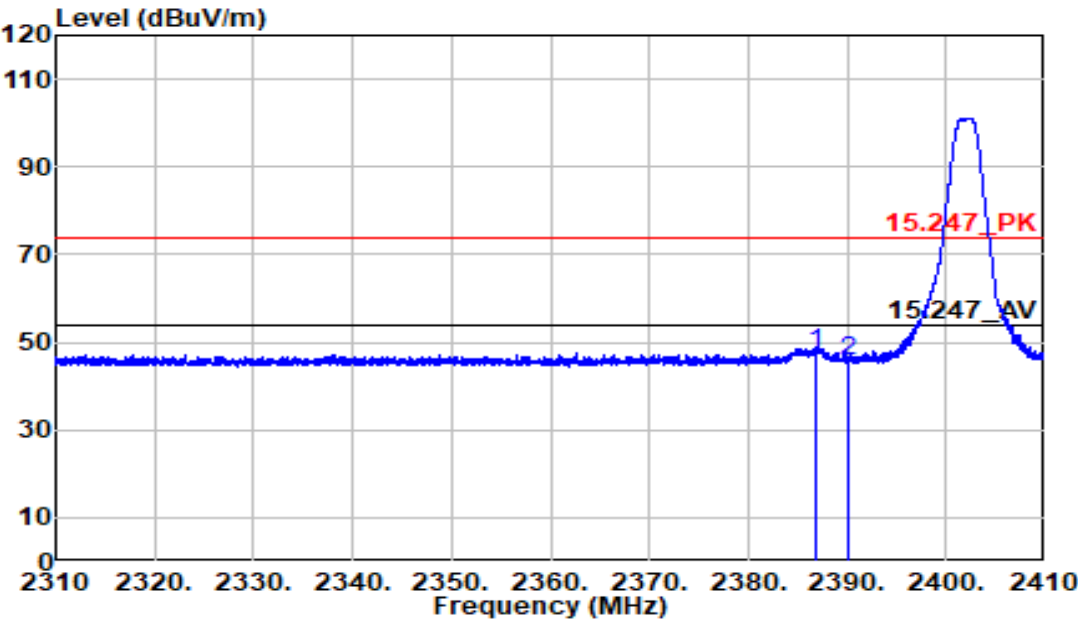
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:Vertical

:Kevin Syu

:chamber B

:5Vdc via usb



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.775	59.07	-11.47	47.60	74.00	-26.40	Peak	140	117
2390.000	57.08	-11.47	45.61	74.00	-28.39	Peak	140	117



Report No.

Product Name

Operation Band

Channel

Mode

Power Setting

Plane

Note

:6128625059801

:SnapBack with MyFinder

:BLE 2M

:2402 MHz

:Bandedge

:3.5

:Y Plane

:

Test Date

Model Name

Temp/Humi

Antenna Pol

Test Engineer

Test Site

Voltage

:2025-11-04

:32064

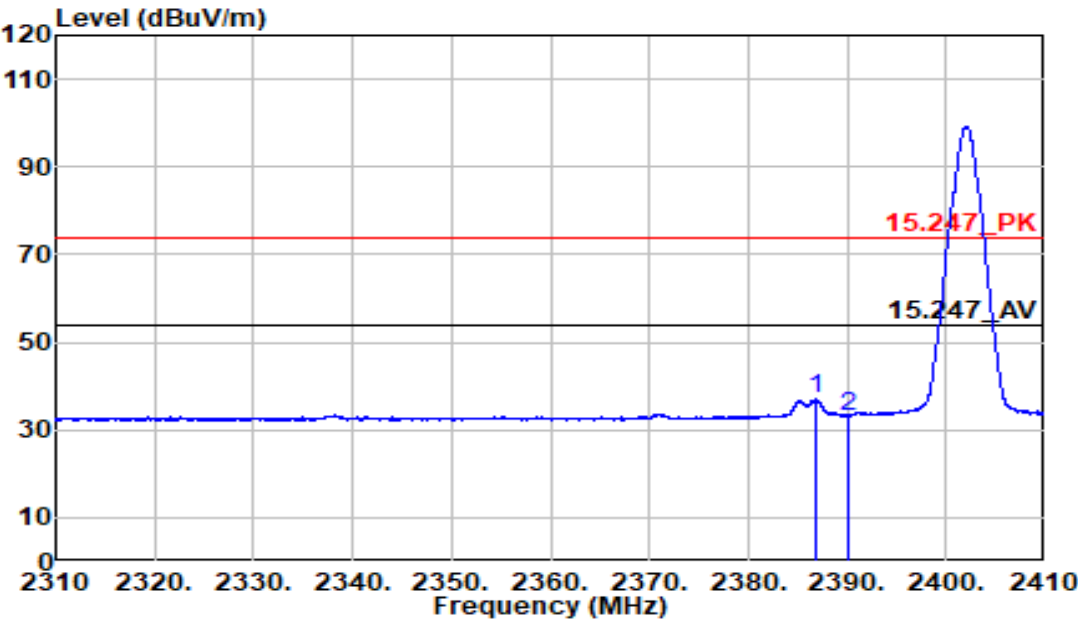
:21.8C/57%

:Vertical

:Kevin Syu

:chamber B

:5Vdc via usb



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.775	48.55	-11.47	37.07	54.00	-16.93	Average	140	117
2390.000	44.70	-11.47	33.24	54.00	-20.76	Average	140	117



Report No.

Product Name

Operation Band

Channel

Mode

Power Setting

Plane

Note

:6128625059801

:SnapBack with MyFinder

:BLE 2M

:2402 MHz

:Bandedge

:3.5

:Y Plane

:

Test Date

Model Name

Temp/Humi

Antenna Pol

Test Engineer

Test Site

Voltage

:2025-11-04

:32064

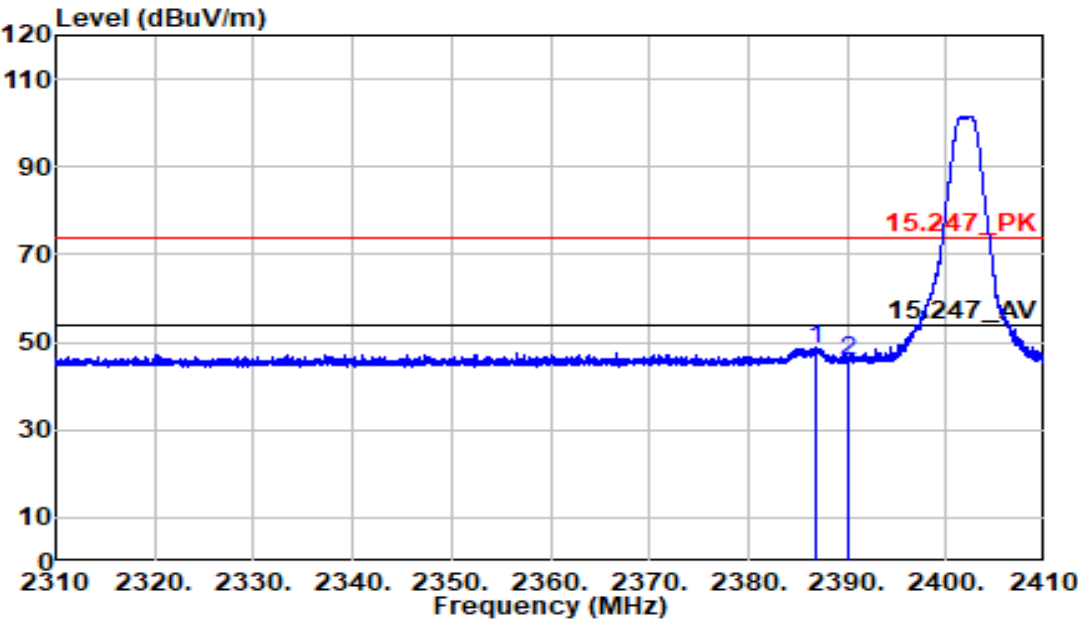
:21.8C/57%

:Horizontal

:Kevin Syu

:chamber B

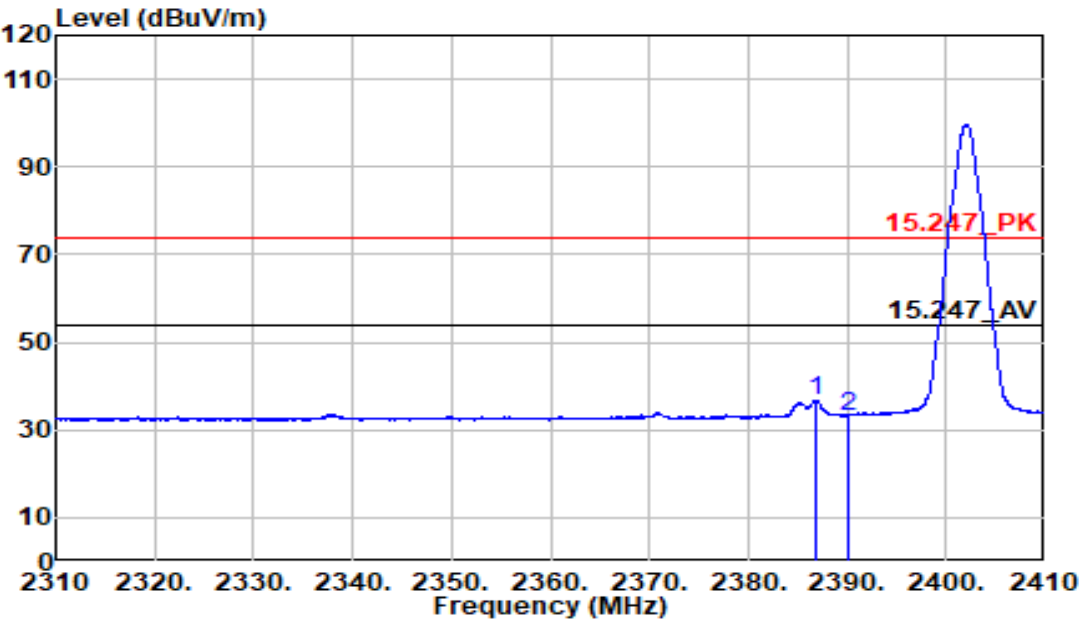
:5Vdc via usb



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.825	59.90	-11.47	48.42	74.00	-25.58	Peak	116	209
2390.000	57.10	-11.47	45.64	74.00	-28.36	Peak	116	209



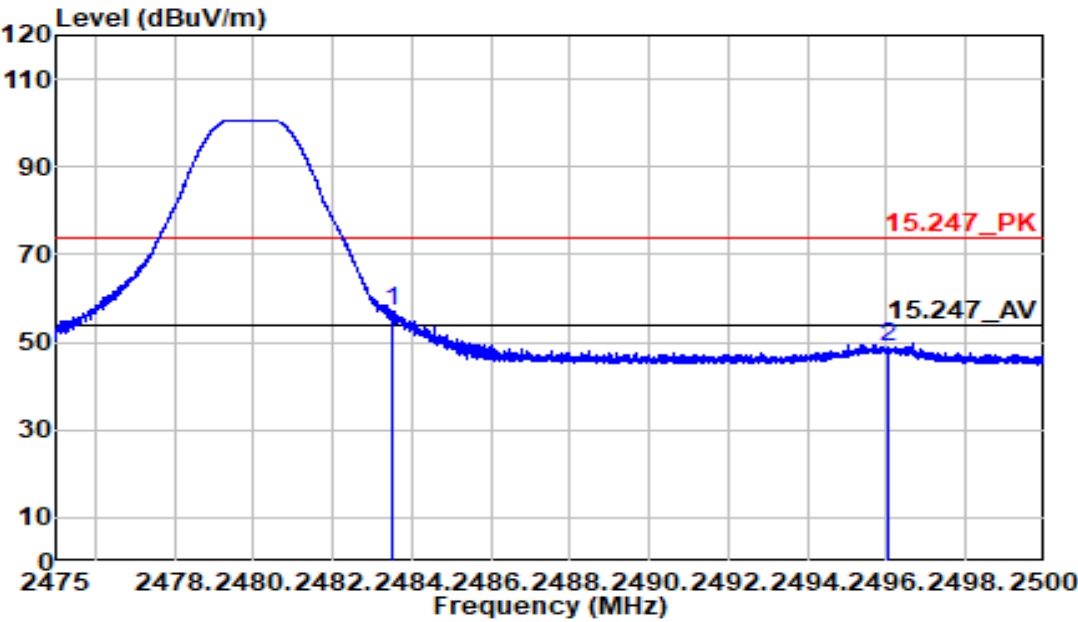
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2402 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2386.825	48.17	-11.47	36.69	54.00	-17.31	Average	116	209
2390.000	44.74	-11.47	33.27	54.00	-20.73	Average	116	209



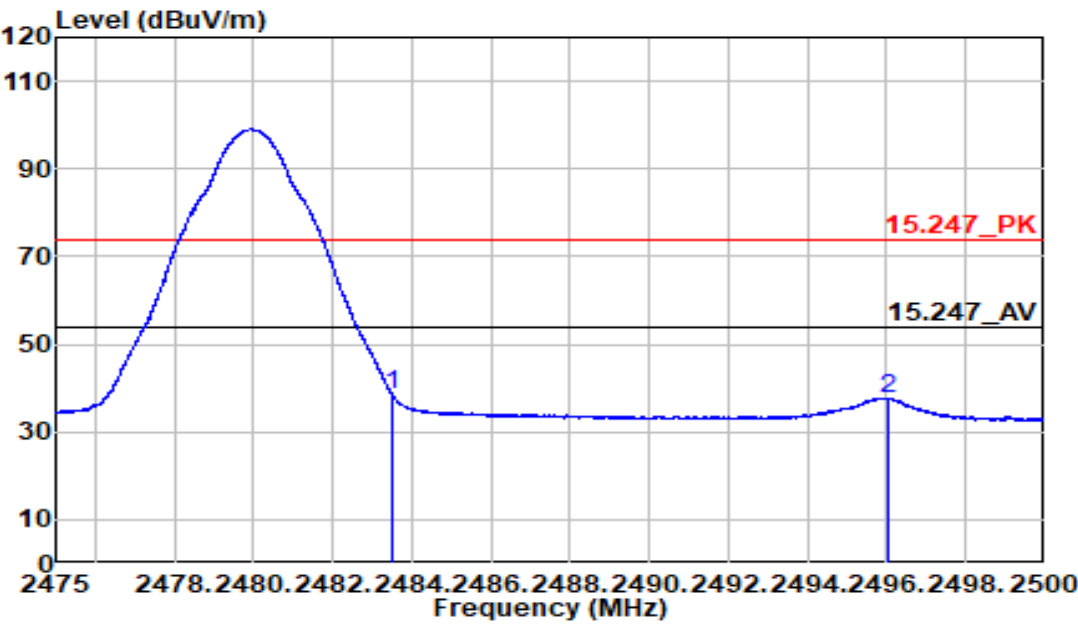
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Vertical
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.		LV					
	dBuV	dB/m	dBuV/m	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	68.10	-11.27	56.83	74.00	-17.17	Peak	132	117
2496.050	60.32	-11.24	49.08	74.00	-24.92	Peak	132	117



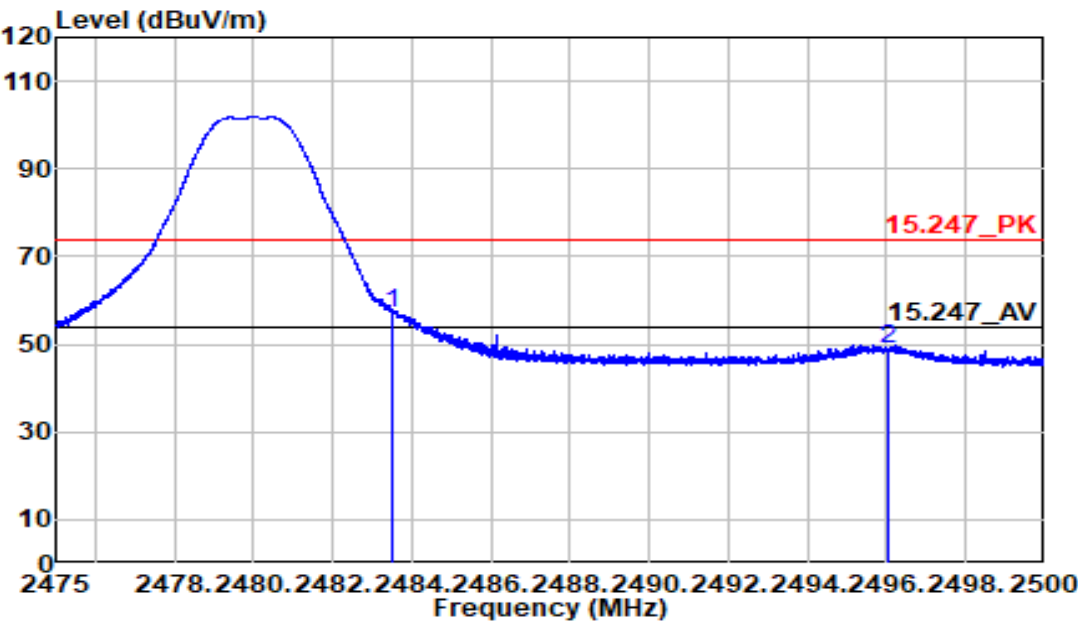
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Vertical
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.	dB/m	LV		dB	PK/QP/AV	CM	DEG
	dBuV		dBuV/m	dBuV/m				
2483.500	49.88	-11.27	38.62	54.00	-15.38	Average	132	117
2496.050	49.03	-11.24	37.79	54.00	-16.21	Average	132	117



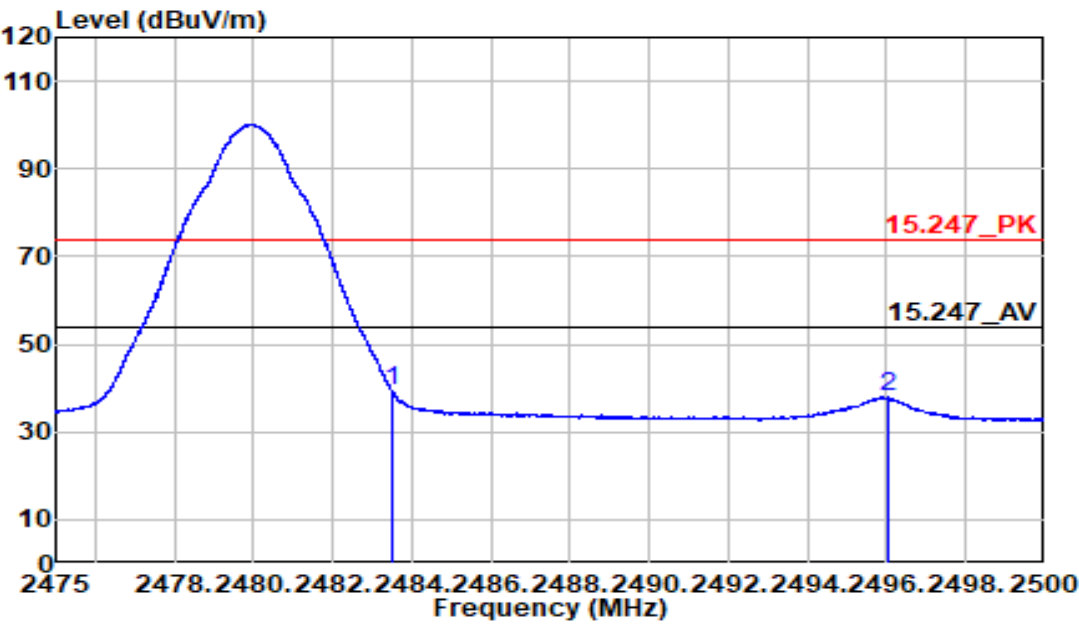
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.	dB/m	LV	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	68.15	-11.27	56.89	74.00	-17.11	Peak	120	328
2496.012	59.92	-11.24	48.68	74.00	-25.32	Peak	120	328



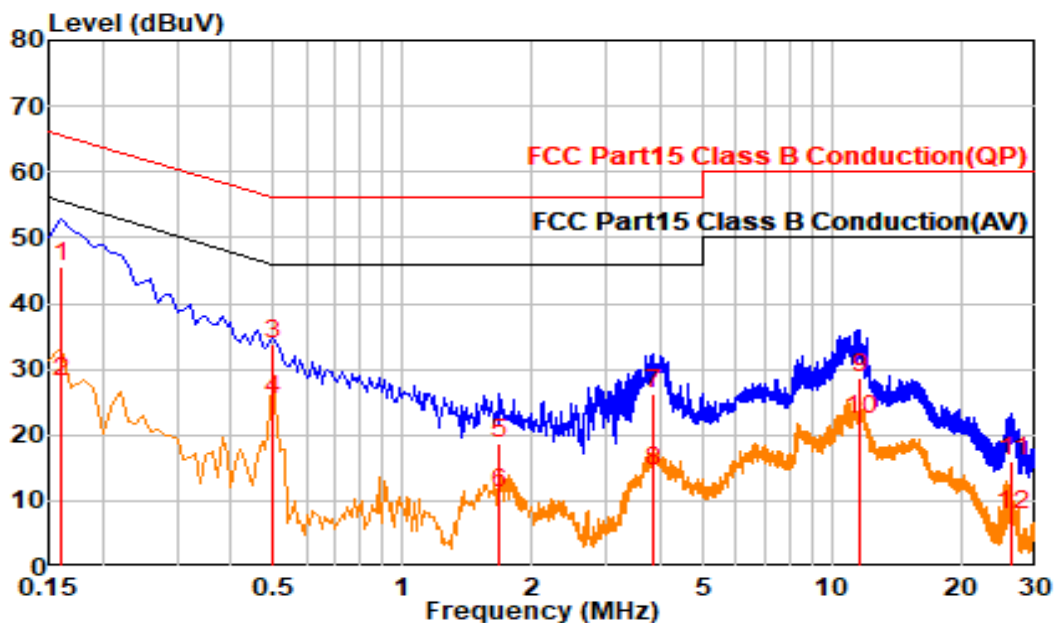
Report No.	:6128625059801	Test Date	:2025-11-04
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE 2M	Temp/Humi	:21.8C/57%
Channel	:2480 MHz	Antenna Pol	:Horizontal
Mode	:Bandedge	Test Engineer	:Kevin Syu
Power Setting	:3.5	Test Site	:chamber B
Plane	:Y Plane	Voltage	:5Vdc via usb
Note	:		



Freq	Read	Factor	Emission	Limit	Margin	Detector	Apos	TPos
MHz	LV.	dB/m	LV	dBuV/m	dB	PK/QP/AV	CM	DEG
2483.500	50.47	-11.27	39.21	54.00	-14.79	Average	120	328
2496.012	49.10	-11.24	37.86	54.00	-16.14	Average	120	328

Appendix H. AC Mains Conducted Emissions

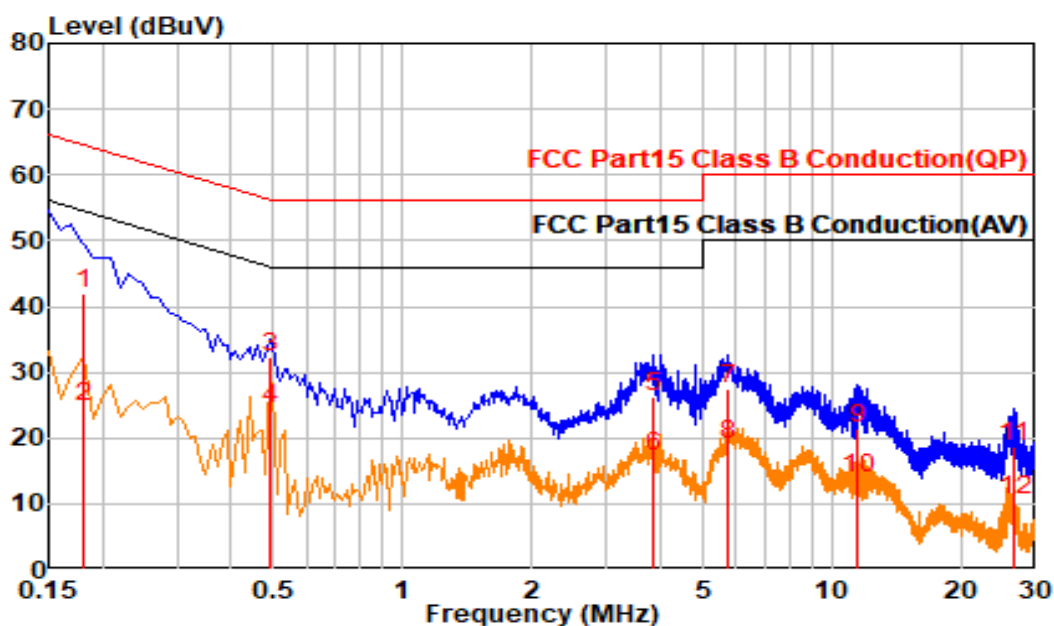
Report No.	:6128625059801	Test Date	:2025-10-23
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE	Temp/Humi	:23.8C/64%
Mode	:Tx	Test Engineer	:Kevin Syu
Power	:120V/60Hz	Test Site	:Shielded Room A
Condition	:Line	Note	:



Trace: 1

Freq	Read LV.	Factor	Cable Loss	LISN Factor	Emission LV	Limit	Margin	Detect
MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	QP/AV
0.160	36.02	9.63	0.01	9.62	45.65	65.45	-19.80	QP
0.160	18.42	9.63	0.01	9.62	28.05	55.45	-27.41	Average
0.500	24.04	9.62	0.01	9.61	33.66	56.00	-22.34	QP
0.500	15.79	9.62	0.01	9.61	25.41	46.00	-20.59	Average
1.689	9.06	9.65	0.02	9.63	18.71	56.00	-37.29	QP
1.689	1.63	9.65	0.02	9.63	11.28	46.00	-34.72	Average
3.837	16.45	9.67	0.03	9.64	26.12	56.00	-29.88	QP
3.837	4.88	9.67	0.03	9.64	14.55	46.00	-31.45	Average
11.642	19.03	9.70	0.05	9.65	28.74	60.00	-31.26	QP
11.642	12.52	9.70	0.05	9.65	22.22	50.00	-27.78	Average
26.359	6.41	9.59	0.08	9.51	16.01	60.00	-43.99	QP
26.359	-1.60	9.59	0.08	9.51	7.99	50.00	-42.01	Average

Report No.	:6128625059801	Test Date	:2025-10-23
Product Name	:SnapBack with MyFinder	Model Name	:32064
Operation Band	:BLE	Temp/Humi	:23.8C/64%
Mode	:Tx	Test Engineer	:Kevin Syu
Power	:120V/60Hz	Test Site	:Shielded Room A
Condition	:Neutral	Note	:



Trace: 1

Freq	Read LV.	Factor	Cable Loss	LISN Factor	Emission LV	Limit	Margin	Detect
MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	QP/AV
0.180	32.38	9.62	0.01	9.61	42.00	64.47	-22.47	QP
0.180	15.25	9.62	0.01	9.61	24.87	54.47	-29.60	Average
0.491	22.63	9.62	0.01	9.61	32.25	56.16	-23.91	QP
0.491	14.73	9.62	0.01	9.61	24.35	46.16	-21.81	Average
3.847	16.62	9.66	0.03	9.63	26.29	56.00	-29.71	QP
3.847	7.53	9.66	0.03	9.63	17.19	46.00	-28.81	Average
5.765	17.65	9.69	0.04	9.65	27.34	60.00	-32.66	QP
5.765	9.42	9.69	0.04	9.65	19.11	50.00	-30.89	Average
11.429	11.77	9.72	0.05	9.67	21.49	60.00	-38.51	QP
11.429	4.15	9.72	0.05	9.67	13.87	50.00	-36.13	Average
26.493	8.87	9.71	0.08	9.63	18.58	60.00	-41.42	QP
26.493	0.91	9.71	0.08	9.63	10.62	50.00	-39.38	Average