

TEST REPORT

Applicant:	Advance Paris
Address of Applicant:	13 rue du Coq Gaulois - 77257 Brie comte Robert Cedex, France
Manufacturer:	Jiang Men KeYi Electronic Ltd.
Address of Manufacturer:	180 West High & New Technology Road, JiangHai Region, JiangMen, Guangdong Province, P.R.China
Product name:	Stereo Amplifier
Model(s):	MyConnect 250
Rating(s):	115/230 V~ 50/60 Hz 600W
Trademark:	ADVANCE PARIS
Standards:	47 CFR PART 15 Subpart C section 15.247
FCC ID:	2BFXT-MC250
Data of Receipt:	2024-01-31
Date of Test:	2024-01-31-2024-03-13
Date of Issue:	2024-03-13
Test Result	Pass*

* In the configuration tested, the test item complied with the standards specified above.

Authorized for issue by:

Test by:

Mar.13, 2024 Chivas Tsang

Project Engineer

Date

Name/Position

Signature

Reviewed by:

Mar.13, 2024

Victor Meng

Project Manager

Date

Name/Position

Signature

Testing Laboratory information:

Testing Laboratory Name: ITL Co., Ltd

Address : No. 8 Jinqianling Street 5, Huangjiang Town, Dongguan,
Guangdong, 523757 P.R.C.

Testing location : Same as above

Tel : 0086-769-39001678

Fax : 0086-20-62824387

E-mail : itl@i-testlab.com

Possible test case verdicts:

- test case does not apply to the test object...: N/A
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement...: F (Fail)

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report would be invalid test report without all the signatures of testing technician and approver.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

General product information:

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1 Test Summary

Test	Test Requirement	Test method	Result
Antenna Requirement	FCC PART 15 C section 15.247 (c) and Section 15.203	FCC PART 15 C section 15.247 (c) and Section 15.203	PASS
Occupied Bandwidth	FCC PART 15 C section 15.247 (a)(2)	ANSI C63.10:2013	PASS
Maximum Peak Output Power	FCC PART 15 C section 15.247(b)(3)	ANSI C63.10: 2013	PASS
Peak Power Spectral Density	FCC PART 15 C section 15.247(e)	ANSI C63.10:2013	PASS
Conducted Spurious Emission (30 MHz to 25GHz)	FCC PART 15 C section 15.209 &15.247(d)	ANSI C63.10:2013	PASS
Radiated Spurious Emission (30 MHz to 25 GHz)	FCC PART 15 C section 15.209 &15.247(d)	ANSI C63.10:2013	PASS
Band Edges Measurement	FCC PART 15 C section 15.209 &15.247(d)	ANSI C63.10:2013	PASS
Conducted Emissions at Mains Terminals	FCC PART 15 C section 15.207	ANSI C63.10:2013	PASS
Radiated Emissions which fall in the restricted bands	FCC PART 15 C section 15.209	ANSI C63.10:2013	PASS

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3 General Information

3.1 Client Information

Applicant: Advance Paris
Address of Applicant: 13 rue du Coq Gaulois - 77257 Brie comte Robert Cedex, France

3.2 General Description of E.U.T.

Name: Stereo Amplifier
Model No.: MyConnect 250
Trade Mark: ADVANCE PARIS
Operating Frequency: 802.11 b/g/n(HT20): 2412MHz-2462MHz;
802.11b, 802.11g, 802.11n (20MHz): 11

Channels:

Working Frequency of Each Channel:			
channel	Frequency	channel	Frequency
1	2412	8	2447
2	2417	9	2452
3	2422	10	2457
4	2427	11	2462
5	2432		
6	2437		
7	2442		

Type of Modulation CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Antenna Type: IPEX antenna with 2.5dBi peak Gain

3.3 Details of E.U.T.

EUT Power Supply: 100-240V AC 50/60 Hz

3.4 Description of Support Units

The EUT has been tested as an independent unit for fixed frequency by testing lab.

3.5 Test Location

All tests were performed at:
ITL Co., Ltd
No. 8 Jinqianling Street 5, Huangjiang Town, Dongguan, Guangdong, 523757 P.R.C.
0086-769-39001678
itl@i-testlab.com
No tests were sub-contracted.

3.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS Lab code:L9342**
- **FCC Designation No.:CN5035**
- **IC Registration NO.: 12593A**
- **NVLAP LAB CODE: 600199-0**

3.7 Measurement Uncertainty

The below measurement uncertainties given below are based on a 95% confidence level (base on a coverage factor (k=2).)

Parameter	Uncertainty
Radio frequency	2.25%
total RF power, conducted	±1.34 dB
RF power density , conducted	±1.49 dB
All emissions, radiated	±2.72 dB
Temperature	±5.02 dB
Humidity	±0.8°C
DC and low frequency voltages	±1.5 %

4 Instruments Used during Test

No.	Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due
ITL-114	Spectrum Analyzer	Agilent	N9010A	MY51250936	2024/01/05	2025/01/04
ITL-154	EMI test receiver 9 kHz to 26.5GHz	R&S	ESR26	101257	2024/01/05	2025/01/04
ITL-116	Pre Amplifier	HP	8447F	3113A05905	2024/01/05	2025/01/04
ITL-117	Wideband Amplifier Super Ultra	Mini-circuits	ZVA-183- S+	469101134	2023/10/09	2024/10/08
ITL-180	Trilog-Broadband Antenna	Schwarzbeck	VULB 9164	005	2022/11/20	2024/11/19
ITL-110	Horn Antenna	A-INFOMW	JXTXLB- 10180-N	J2031090612 133	2022/06/17	2024/06/16
ITL-103	Two-line v- network	R&S	ENV216	100120	2023/06/14	2024/06/13
ITL-125	EMI Test receiver	R&S	ESCI	100910	2023/06/14	2024/06/13
ITL-115	50Ω Coaxial Cable	Mini-cicuts	CBL	C001	2022/06/24	2024/06/23
ITL-100	Semi-Anechoic chamber	ETS•Lindgren	FACT3 2.0	CT09015	2022/10/14	2025/10/13
ITL-145	Loop Antenna	ZHINAN	Z30900A	00489	2024/01/08	2025/01/07
ITL-101	Shielded Room	ETS•Lindgren	8*4*3	CT09010	2024/01/05	2027/01/04
ITL-166	Power Sensor	Agilent	U2021XA	MY5365004	2024/01/15	2025/01/14

5 Test Results

5.1 E.U.T test conditions

Test Voltage: 120V AC, 60Hz

Temperature: 23.2 -25.0 °C

Humidity: 38-50 % RH

Atmospheric Pressure: 1000 -1010 mbar

Requirements: **15.31(e):** For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. For battery operated equipment, the equipment tests shall be performed using a new battery.

15.32: Power supplies and CPU boards used with personal computers and for which separate authorizations are required to be obtained shall be tested as follows: Testing shall be in accordance with the procedures specified in Section 15.31 of this part.

Test frequencies and frequency range:

According to the 15.31(m) Measurements on intentional radiators or receivers, other than TV broadcast receivers, shall be performed and, if required, reported for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table:

According to the 15.33 (a) For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least the frequency shown in the following table:

Number of fundamental frequencies to be tested in EUT transmit band

Frequency range in which	Number of	Location in frequency range
1 MHz or less	1	Middle
1 MHz to 10 MHz	2	1 near top and 1 near bottom
More than 10 MHz	3	1 near top, 1 near middle and 1 near bottom

Frequency range of radiated emission measurements

Lowest frequency generated	Upper frequency range of measurement
9 kHz to below 10 GHz	10th harmonic of highest fundamental frequency or to 40 GHz,
At or above 10 GHz to below	5th harmonic of highest fundamental frequency or to 100 GHz,
At or above 30 GHz	5th harmonic of highest fundamental frequency or to 200 GHz,

EUT channels and frequencies list:

Working Frequency of Each Channel:			
channel	Frequency	channel	Frequency
1	2412	8	2447
2	2417	9	2452
3	2422	10	2457
4	2427	11	2462
5	2432		
6	2437		
7	2442		

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11b	2412MHz, 2437MHz, 2462MHz,
TM2	802.11g	2412MHz, 2437MHz, 2462MHz,
TM3	802.11n (20MHz)	2412MHz, 2437MHz, 2462MHz,

5.2 Antenna requirement

Standard requirement

15.203 requirement:

For intentional device. According to 15.203. 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.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz bands that are used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

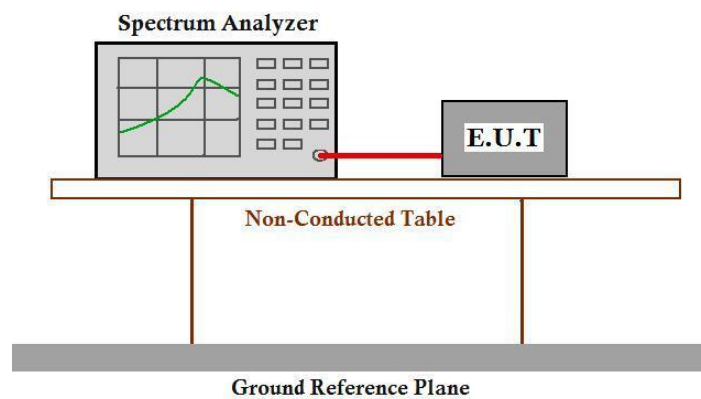
EUT Antenna

The antenna is a IPEX antenna and no consideration of replacement. The best-case gain of the antenna is 2.5dBi.

Test result: The unit does meet the FCC requirements.

5.3 Occupied Bandwidth

Test Requirement:	FCC Part 15 C section 15.247 (a)(2) Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10:2013
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



Test Procedure:

1. Remove the antenna from the EUT and then connect a low attention attenuation RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW=100kHz. VBW = 300kHz, Sweep = auto; Detector Function = Peak. Trace = Max Hold, Set span to encompass the entire emission bandwidth of the signal.
3. Mark the peak power frequency and -6dB (upper and lower) power frequency.
4. Repeat until all the test status is investigated.
5. Report the worst case.

Test result (99% bandwidth)

Test Mode	Test Frequency (MHz)	99% bandwidth (MHz)	Result
802.11b	2412	13.850	Pass
	2437	13.946	Pass
	2462	13.919	Pass
802.11g	2412	16.363	Pass
	2437	16.357	Pass
	2462	16.363	Pass
802.11n (HT20)	2412	17.518	Pass
	2437	17.527	Pass
	2462	17.524	Pass

Test result (6 dB bandwidth)

Test Mode	Test Frequency (MHz)	6dB bandwidth (MHz)	Limit (kHz)	Result
802.11b	2412	9.345	≥500	Pass
	2437	8.688	≥500	Pass
	2462	9.321	≥500	Pass
802.11g	2412	15.105	≥500	Pass
	2437	15.09	≥500	Pass
	2462	15.102	≥500	Pass
802.11n (HT20)	2412	15.099	≥500	Pass
	2437	15.099	≥500	Pass
	2462	15.093	≥500	Pass

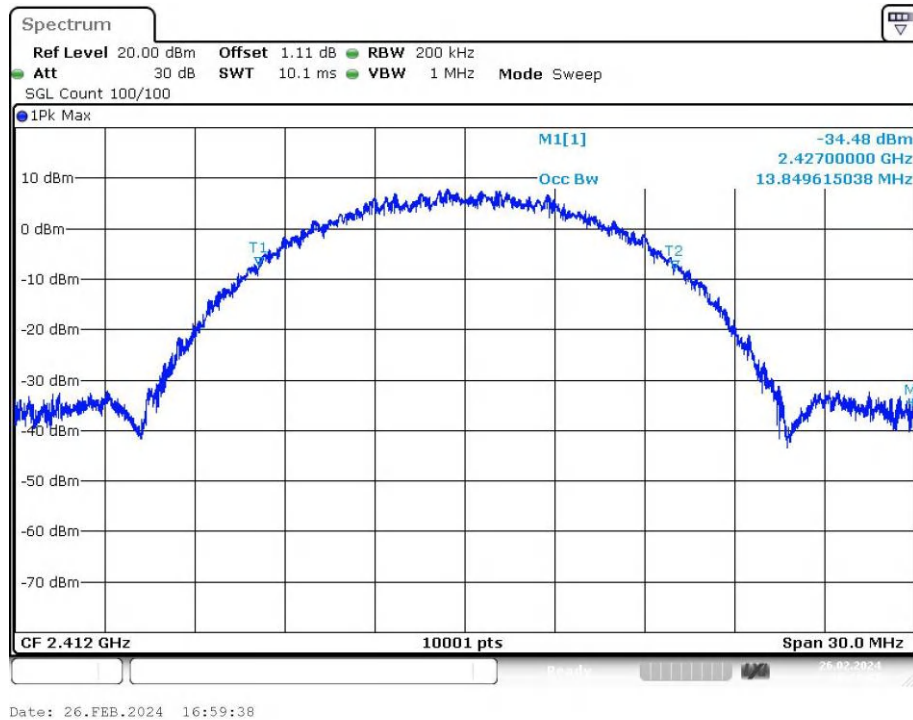
The unit does meet the FCC requirements.

99% bandwidth:

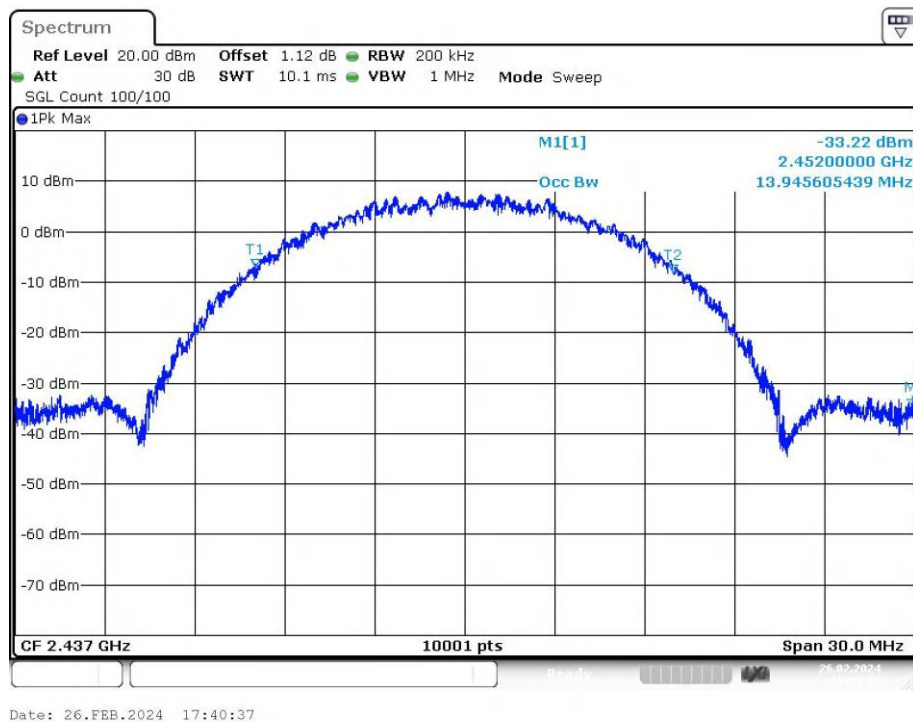
Result plot as follows:

802.11b

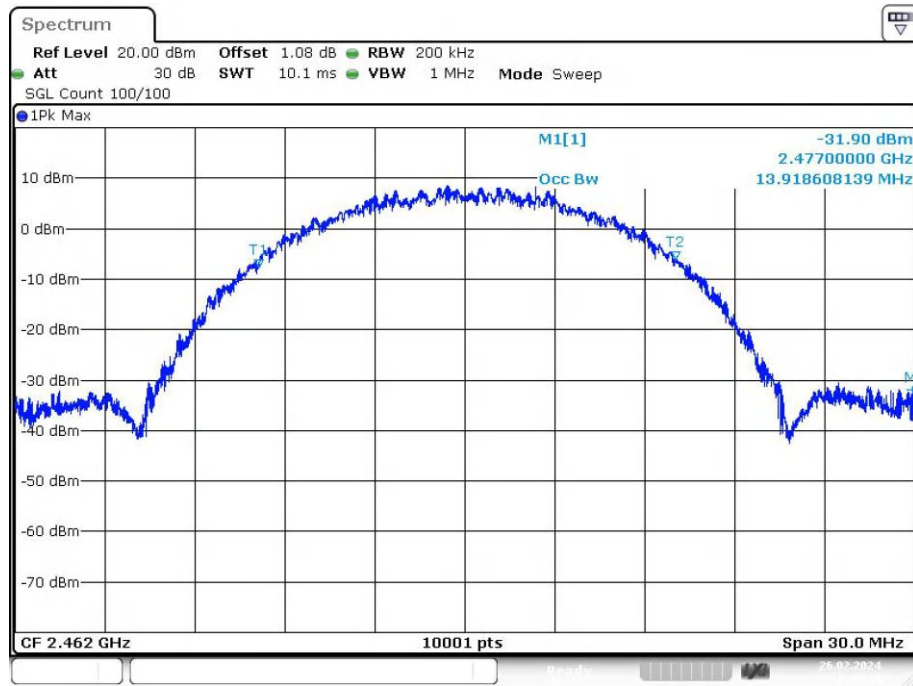
Channel 1:2.412GHz



Channel 6:2.437GHz



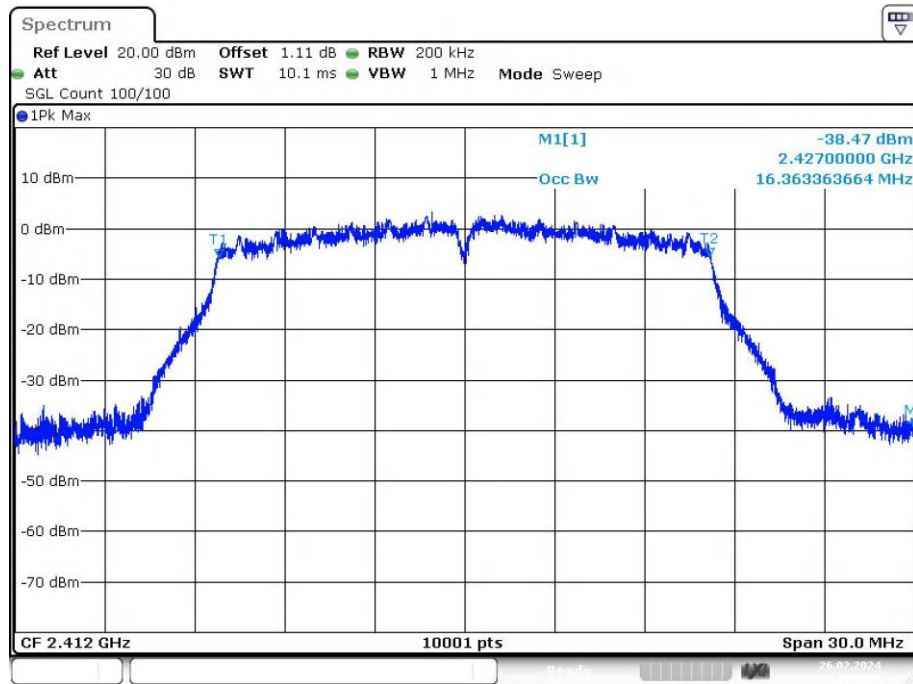
Channel 11:2.462GHz



Date: 26.FEB.2024 17:43:15

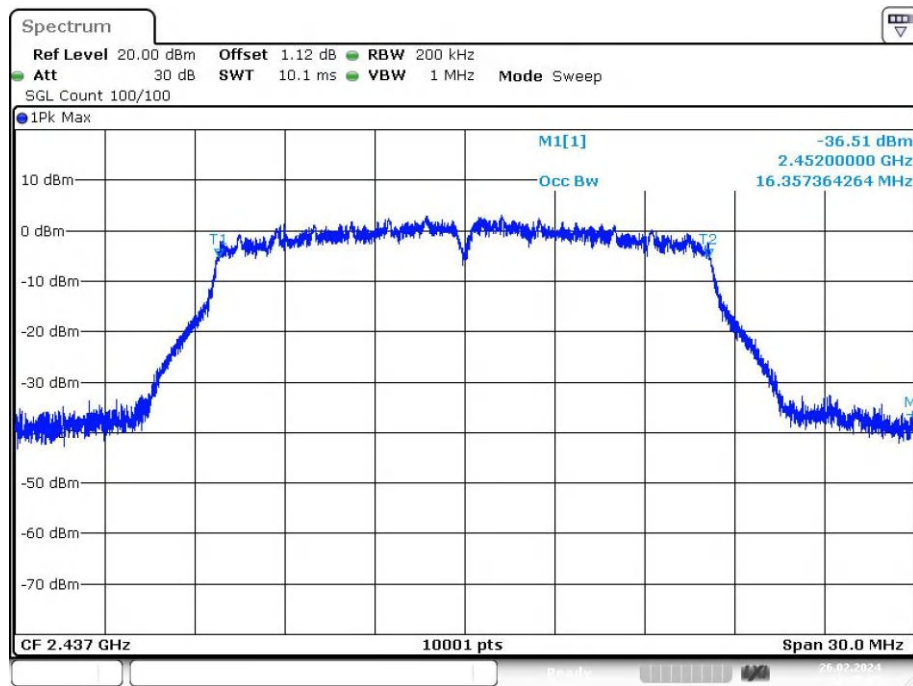
802.11g

Channel 1:2.412GHz



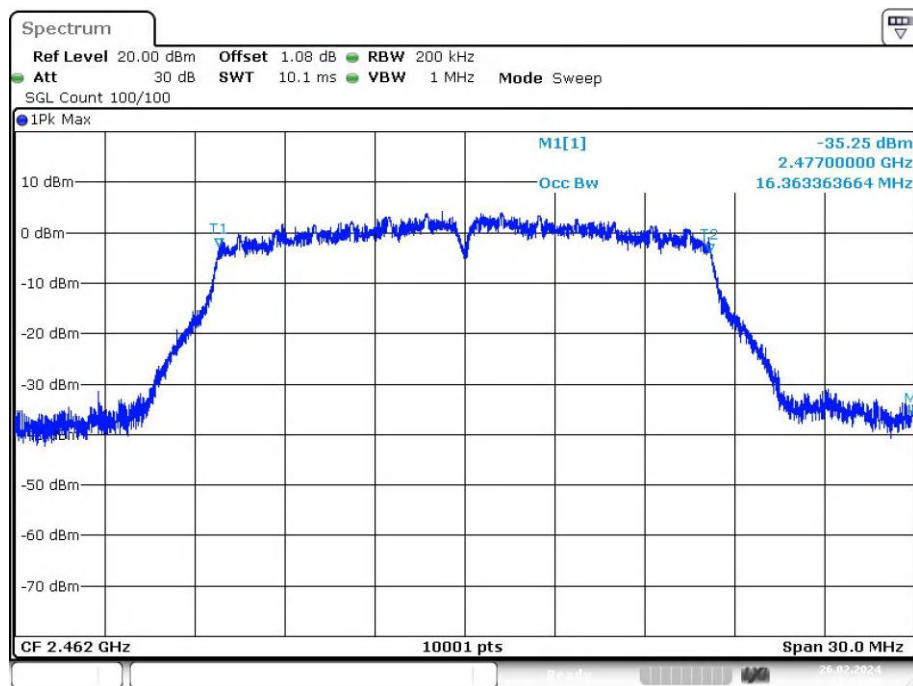
Date: 26.FEB.2024 17:45:30

Channel 6:2.437GHz



Date: 26.FEB.2024 17:49:35

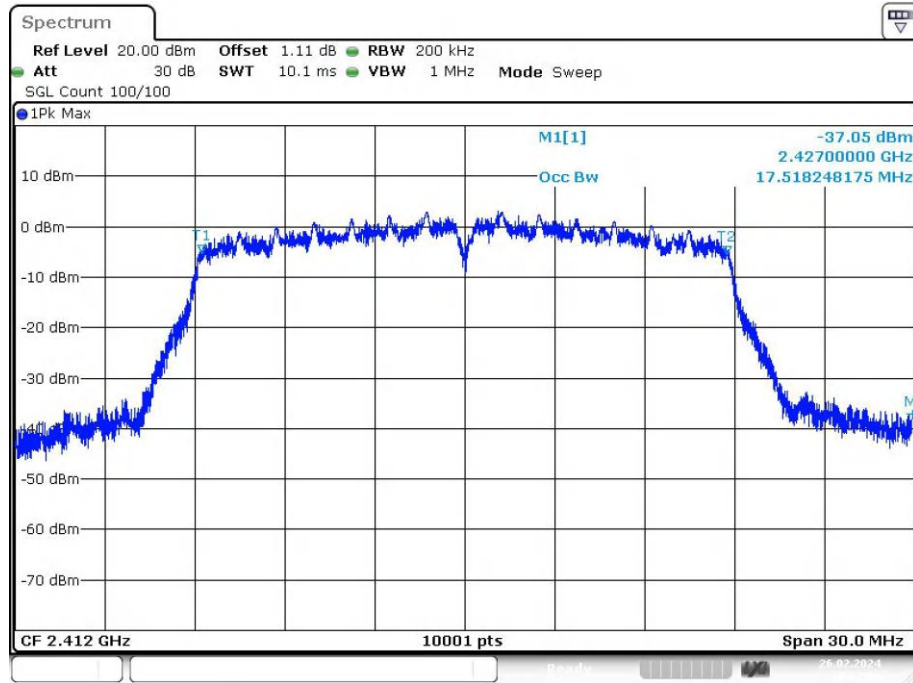
Channel 11:2.462GHz



Date: 26.FEB.2024 17:53:43

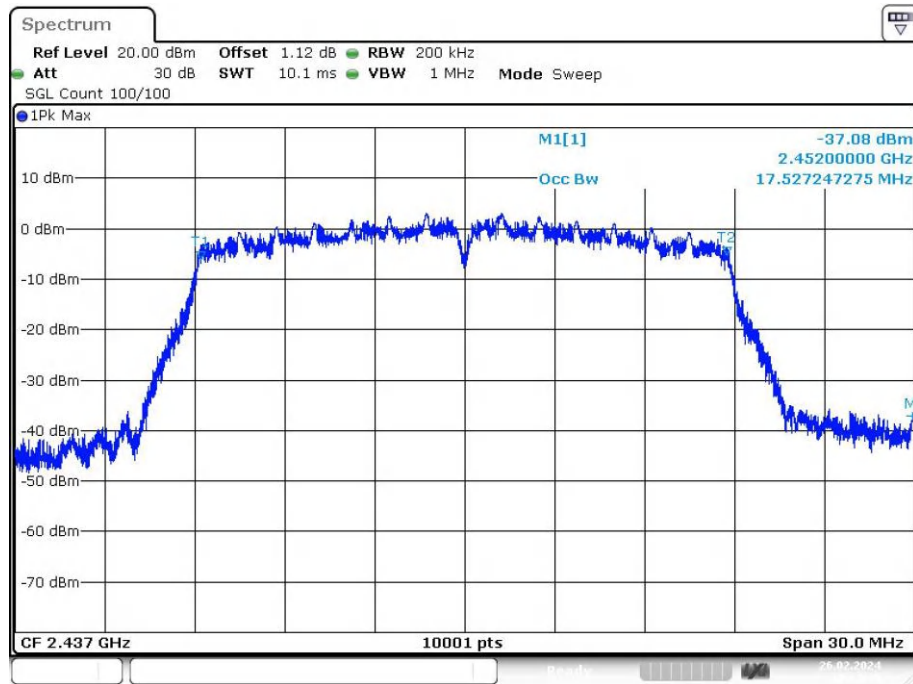
802.11n (HT20)

Channel 1:2.412GHz



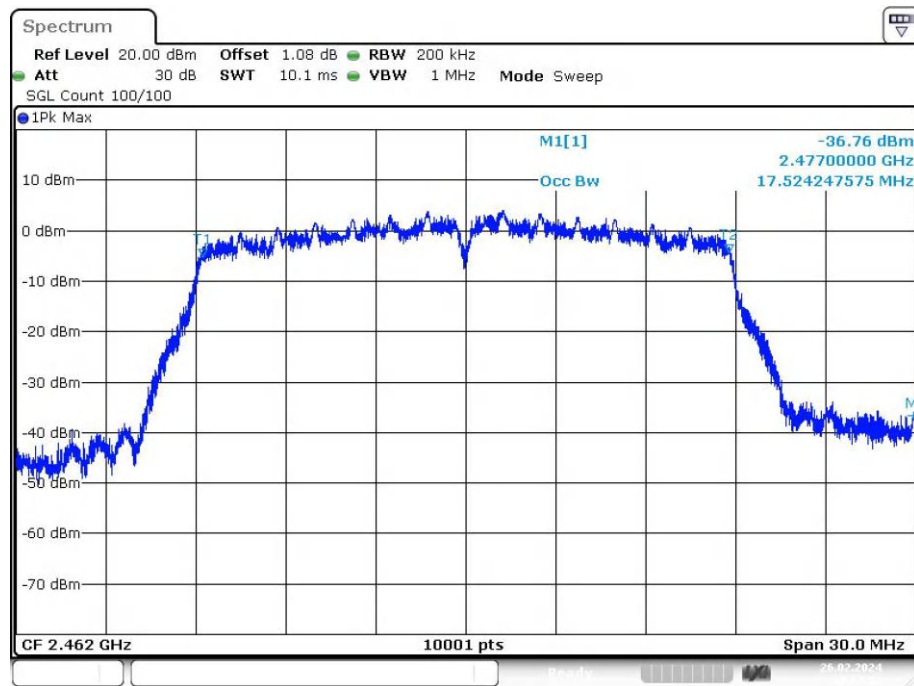
Date: 26.FEB.2024 18:12:36

Channel 6:2.437GHz



Date: 26.FEB.2024 18:17:16

Channel 11:2.462GHz



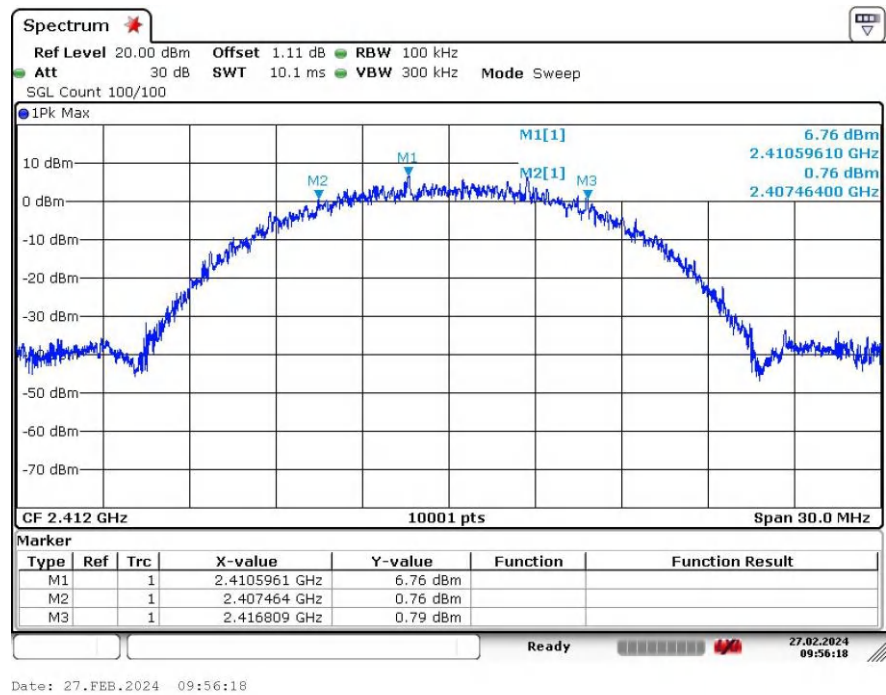
Date: 26.FEB.2024 18:19:52

-6db bandwidth:

Result plot as follows:

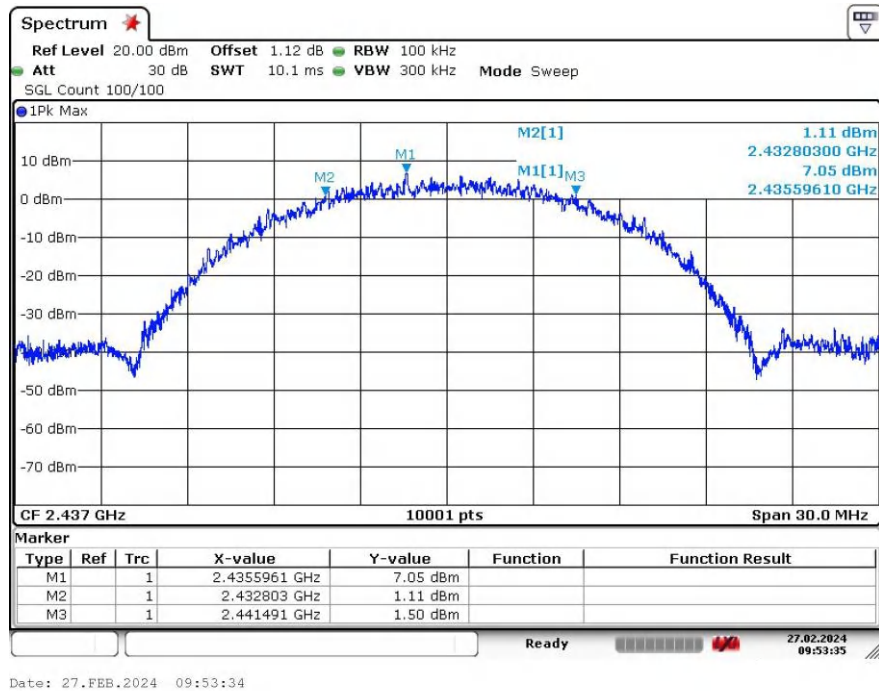
802.11b

Channel 1:2.412GHz



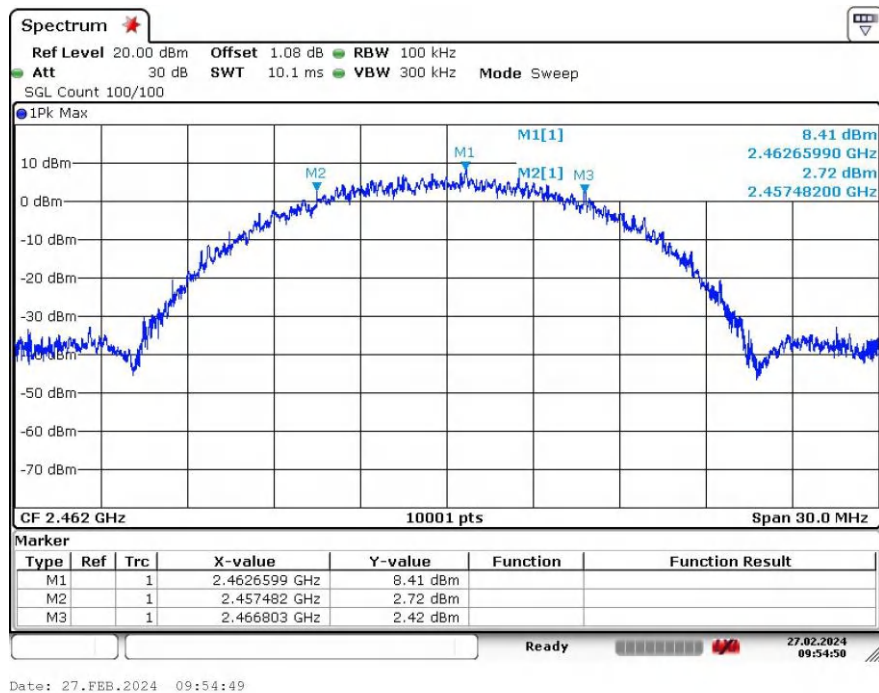
-6dB Bandwidth = 2.416809GHz-2.407464GHz=9.345MHz

Channel 6:2.437GHz



$$-6\text{dB Bandwidth} = 2.441491\text{GHz} - 2.432803\text{GHz} = 8.688\text{MHz}$$

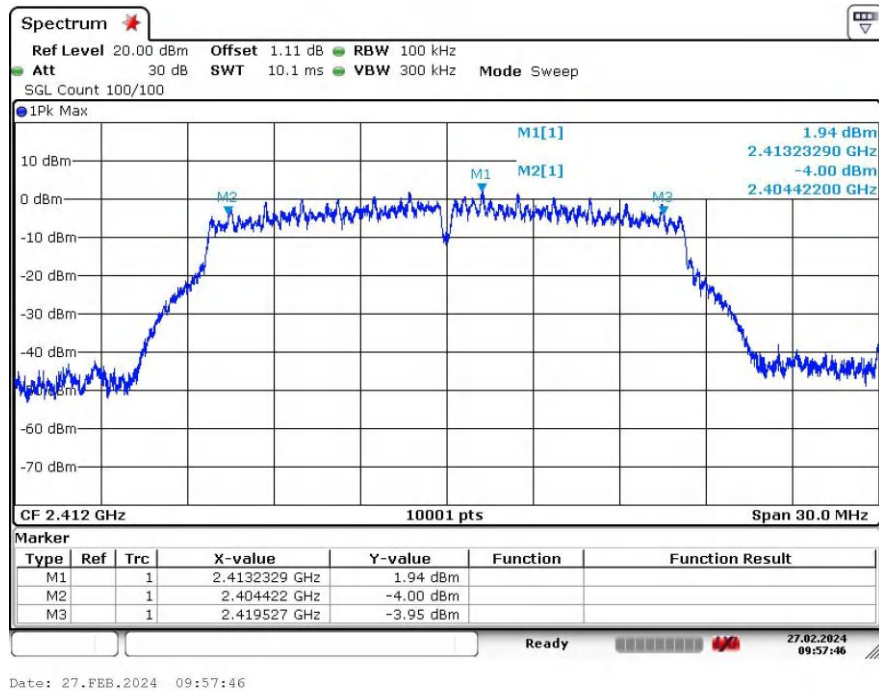
Channel 11:2.462GHz



$$-6\text{dB Bandwidth} = 2.466803\text{GHz} - 2.457482\text{GHz} = 9.321\text{MHz}$$

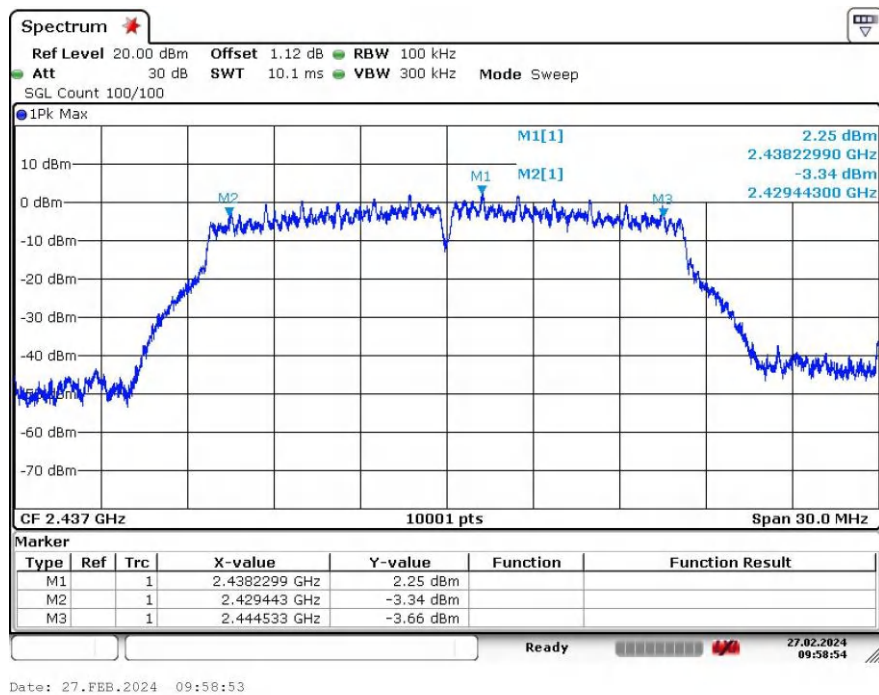
802.11g

Channel 1:2.412GHz



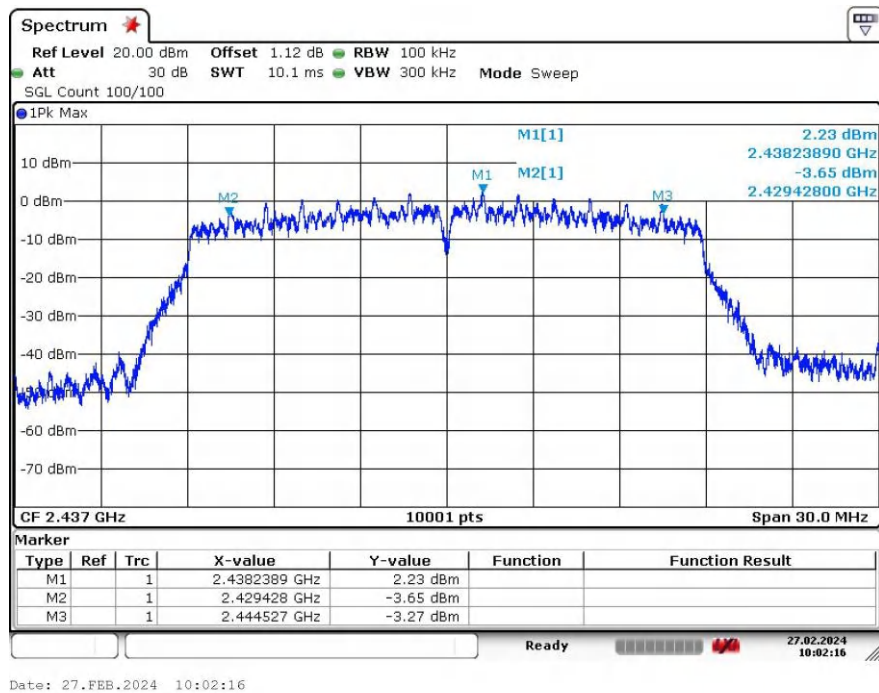
$$-6\text{dB Bandwidth} = 2.419527\text{GHz} - 2.404422\text{GHz} = 15.105\text{MHz}$$

Channel 6:2.437GHz



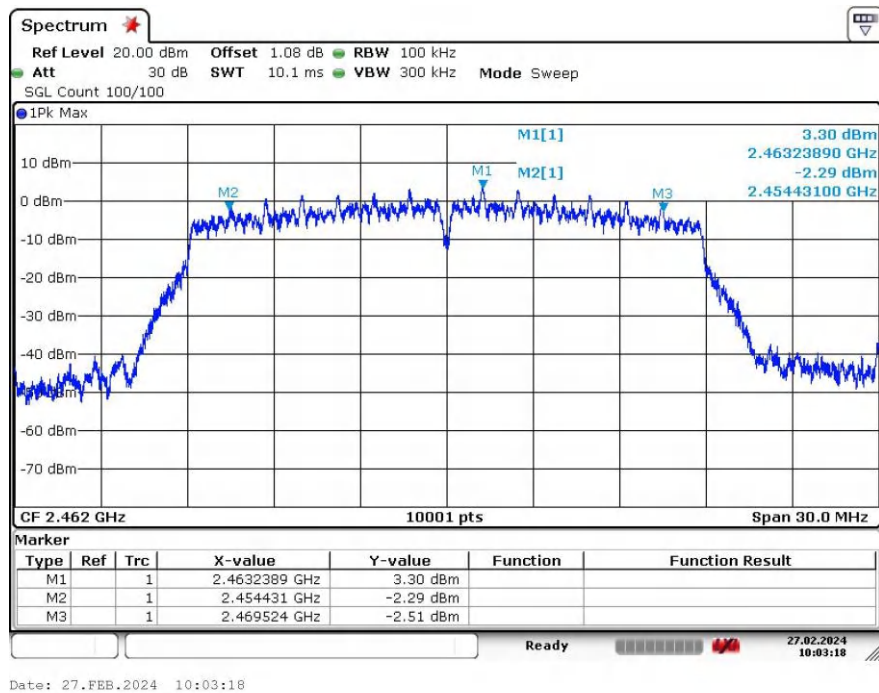
$$-6\text{dB Bandwidth} = 2.444533\text{GHz} - 2.429443\text{GHz} = 15.09\text{MHz}$$

Channel 6:2.437GHz



$$-6\text{dB Bandwidth} = 2.444527\text{GHz} - 2.429428\text{GHz} = 15.099\text{MHz}$$

Channel 11:2.462GHz



$$-6\text{dB Bandwidth} = 2.469524\text{GHz} - 2.454431\text{GHz} = 15.093\text{MHz}$$

5.4 Maximum Peak Output Power

Test Requirement: FCC Part 15 C section 15.247

(b)(3) For systems using digital modulation in the 902-928 MHz,

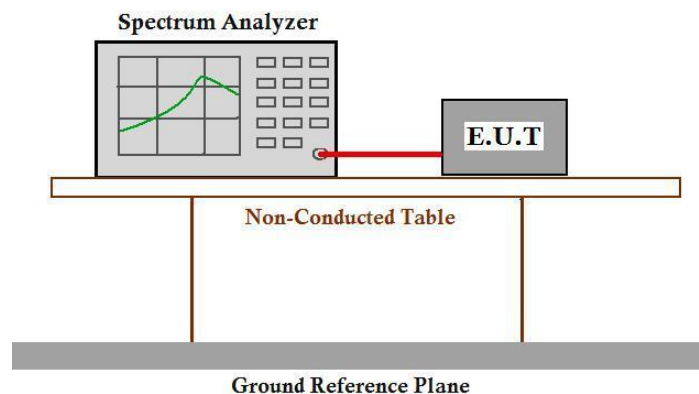
2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.

Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b) (1), (b) (2), and (b) (3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Method: ANSI C63.10:2013

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

1. Remove the antenna from the EUT and then connect a low attenuation RF cable from the antenna port to the spectrum.
2. Set span to at least 1.5 times the OBW.
3. Set RBW = 1 % to 5% of OBW, not to exceed 1 MHz
4. Set VBW $\geq 3 \times$ RBW.
5. Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\leq \text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. If transmit duty cycle $< 98\%$, use a sweep trigger with the level set to enable triggering only on full power pulses. The transmitter shall operate at the maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no OFF intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run."
8. Trace average 100 traces in power averaging mode.

9. Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with band limits set equal to the OBW band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
10. Repeat until all the test status is investigated.
11. Report the worst case.

Test Data:

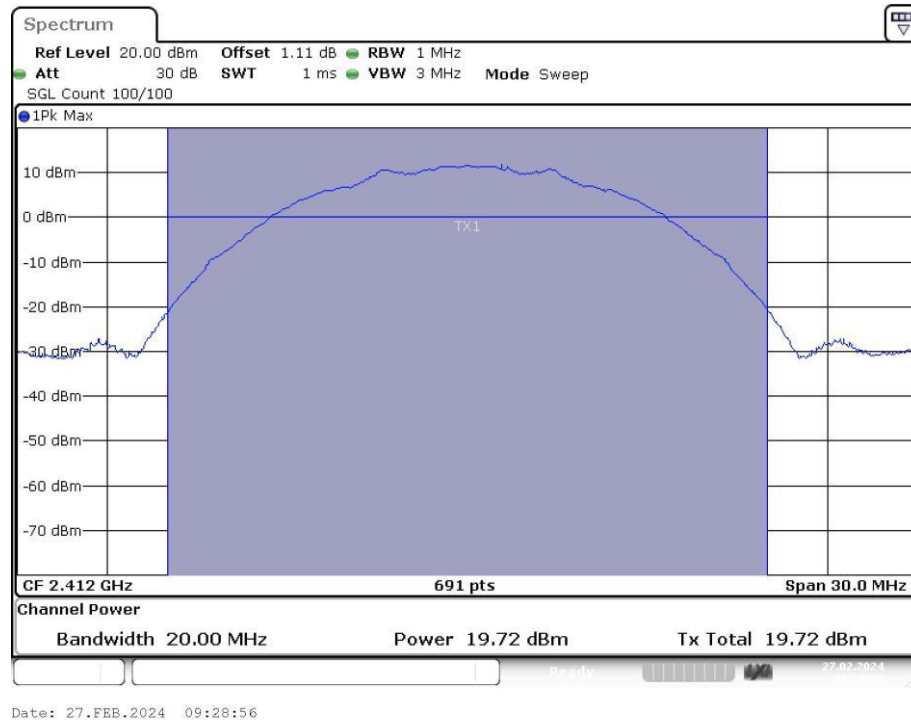
Test mode	Test Channel	Test Result (dBm)	Limit (dBm)
802.11b	2412	19.718	30
	2437	19.599	30
	2462	20.352	30
802.11g	2412	19.287	30
	2437	19.645	30
	2462	20.554	30
802.11n (HT20)	2412	19.075	30
	2437	19.209	30
	2462	20.091	30

The unit does meet the FCC requirements.

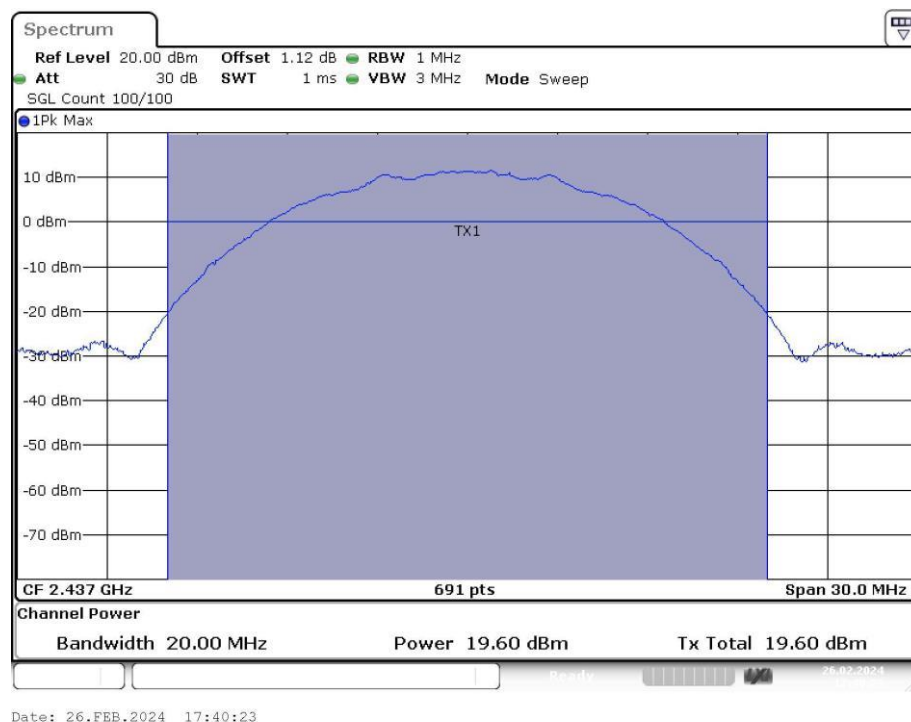
Result plot as follows:

802.11b

Channel 1:2.412GHz



Channel 6:2.437GHz

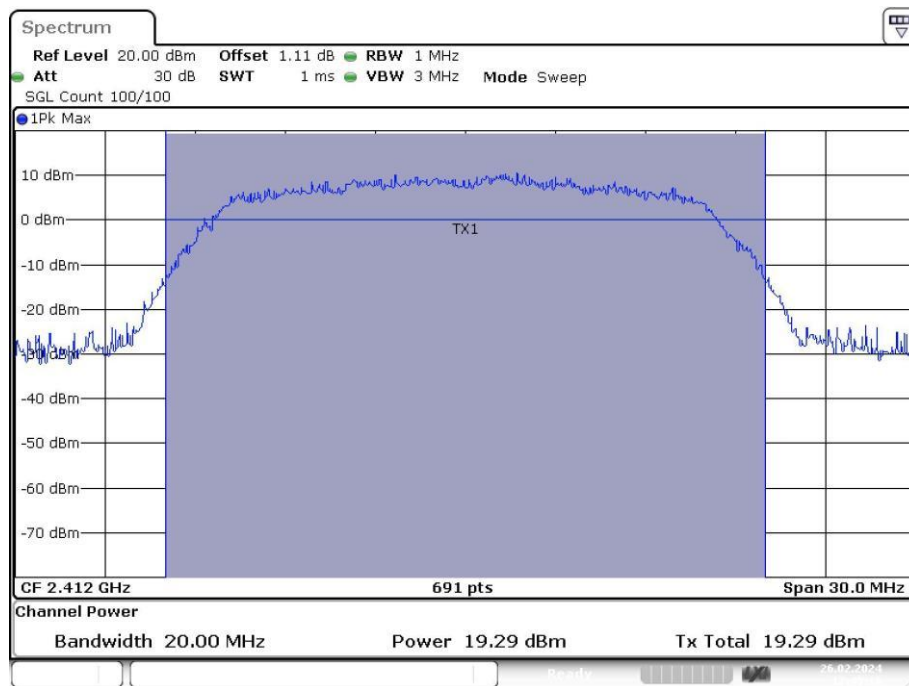


Channel 11:2.462GHz

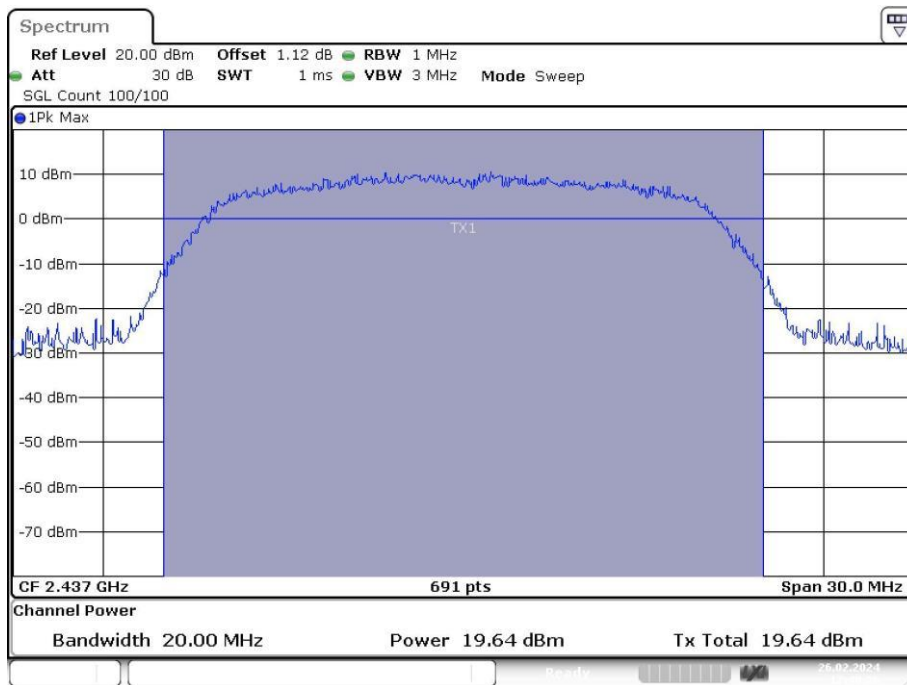


802.11g

Channel 1:2.412GHz

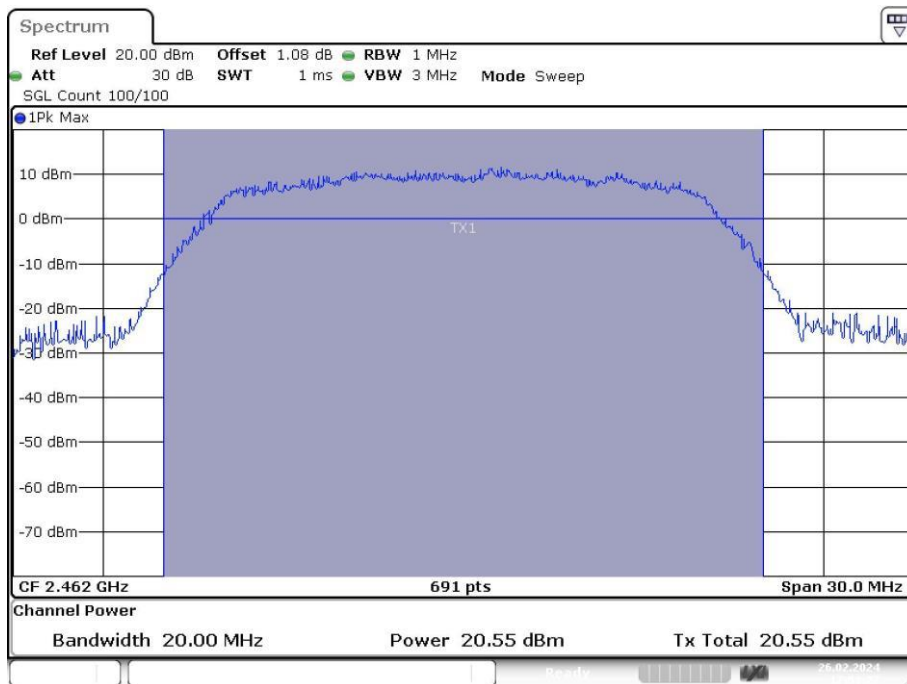


Channel 6:2.437GHz



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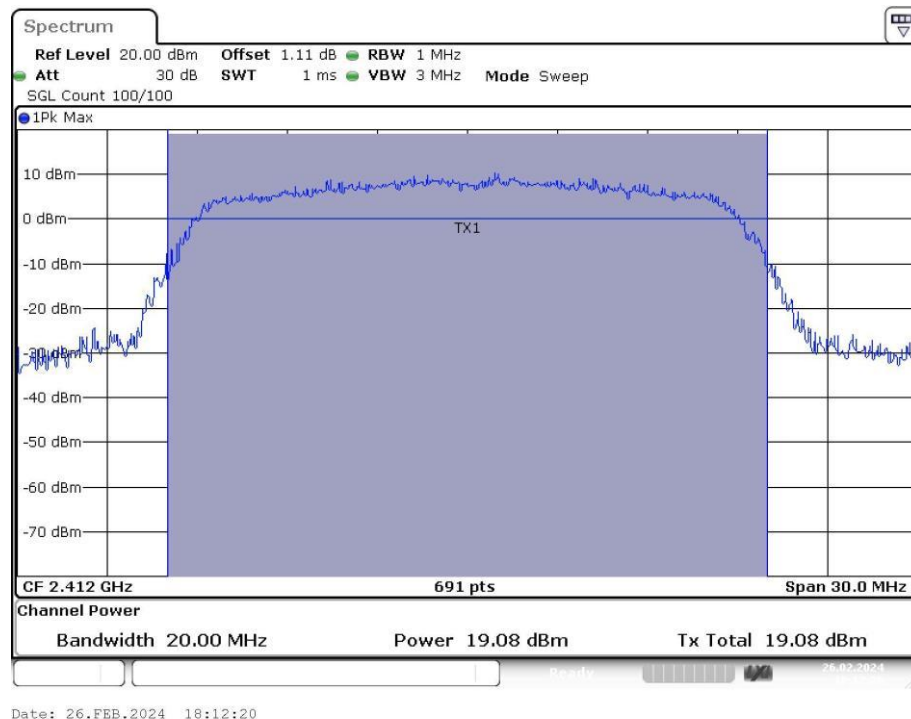
Channel 11:2.462GHz



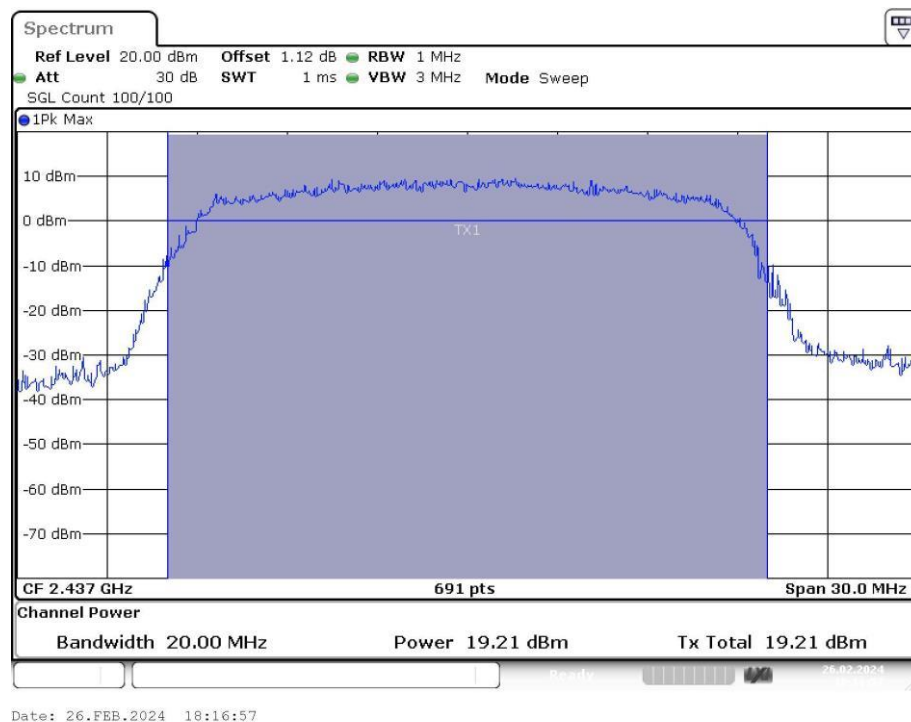
Date: 26.FEB.2024 17:53:27

802.11n (HT20)

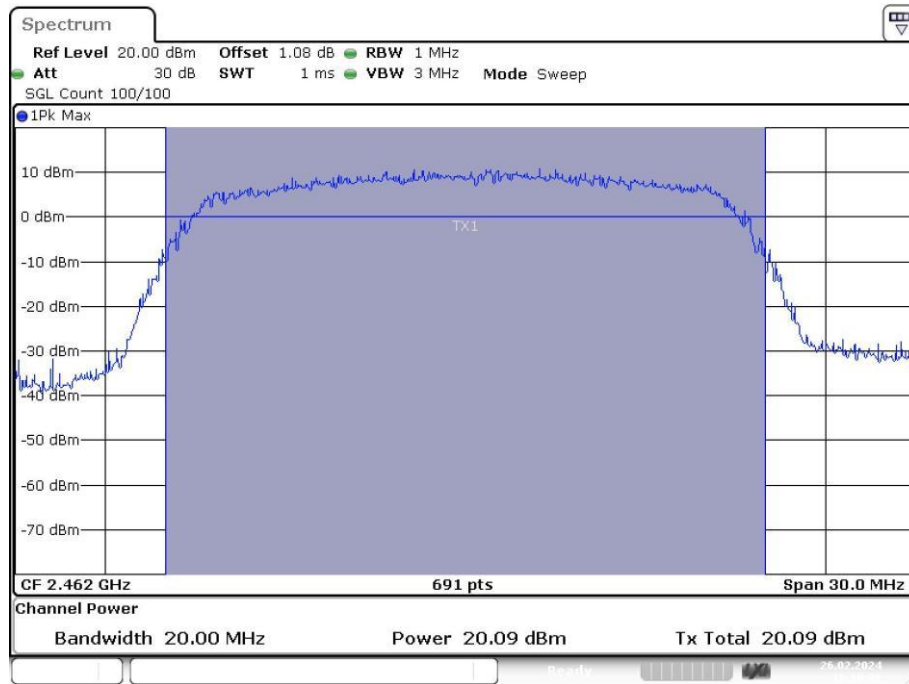
Channel 1:2.412GHz



Channel 6:2.437GHz



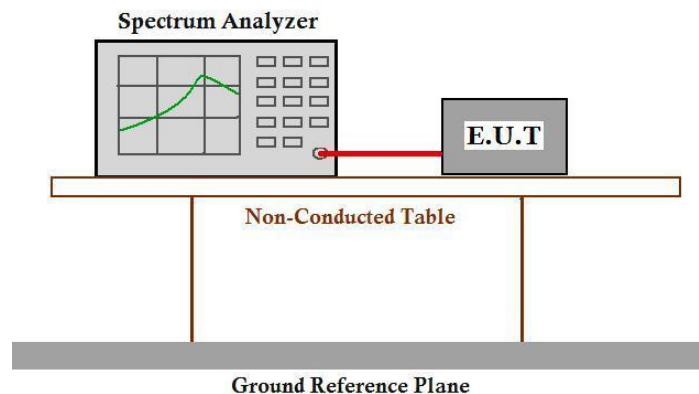
Channel 11:2.462GHz



Date: 26.FEB.2024 18:19:31

5.5 Peak Power Spectral Density

Test Requirement:	FCC Part 15 C section 15.247 (e) For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10:2013
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channel and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



Test Procedure:

1. Remove the antenna from the EUT and then connect a low attention attenuation RF cable from the antenna port to the spectrum analyzer or power meter.
2. Set the spectrum analyzer:
 - a) Set instrument centre frequency to DTS channel centre frequency.
 - b) Set the span to 1.5 times the DTS bandwidth.
 - c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
 - d) Set the VBW $\geq [3 \times \text{RBW}]$.
 - e) Detector = peak.

- f) sweep time = auto couple.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - i) Use the peak marker function to determine the maximum amplitude level within RBW.
 - j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.
3. Repeat until all the test status is investigated.
 4. Report the worst case.

Test result:

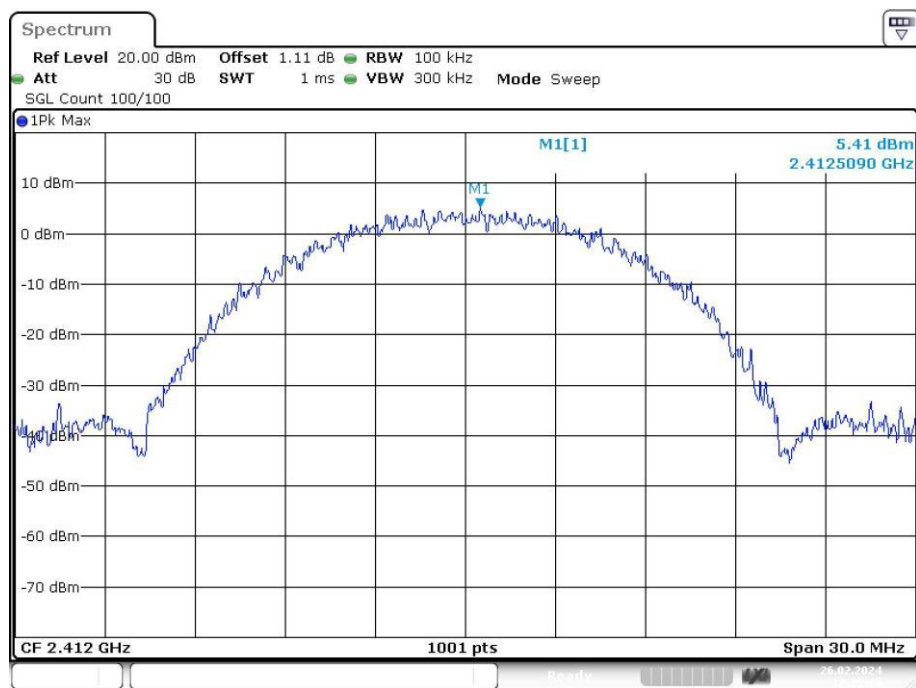
Test mode	Test Channel	Test Result (dBm/3kHz)	Limit (dBm/3kHz)
802.11b	2412	5.407	8
	2437	4.415	
	2462	7.459	
802.11g	2412	1.075	
	2437	1.406	
	2462	2.581	
802.11n (HT20)	2412	1.735	
	2437	1.888	
	2462	2.621	

The unit does meet the FCC requirements.

Result plot as follows:

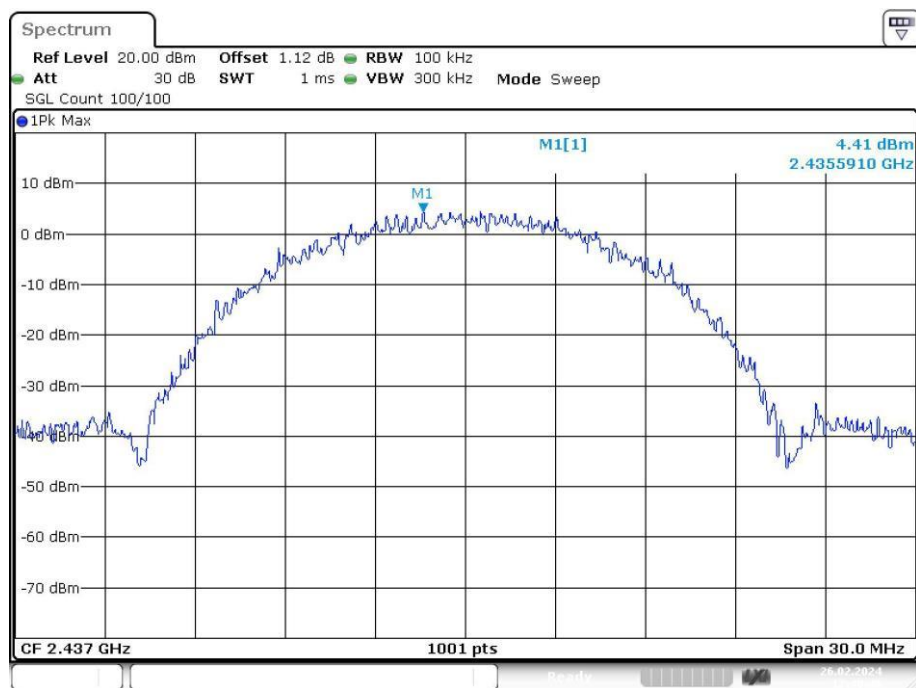
802.11b

Channel 1: 2.412 GHz



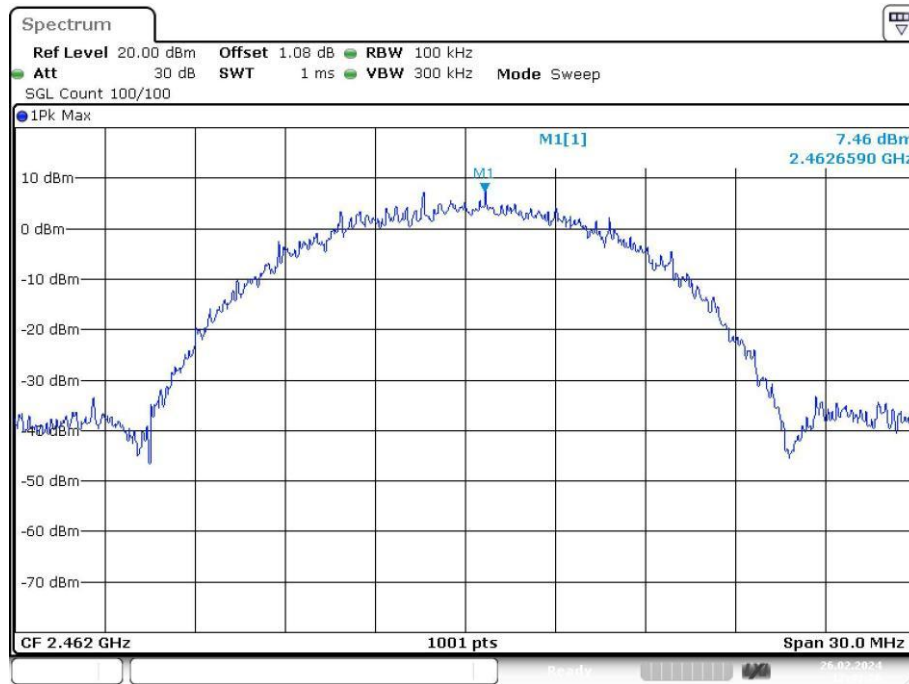
Date: 26.FEB.2024 17:25:15

Channel 6: 2.437GHz



Date: 26.FEB.2024 17:40:46

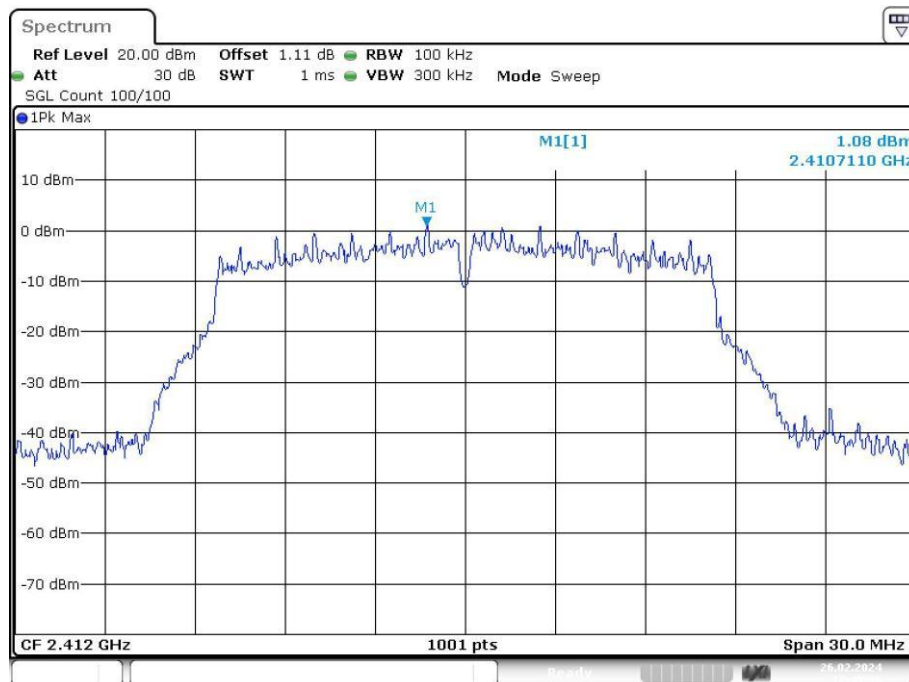
Channel 11:2.462 GHz



Date: 26.FEB.2024 17:43:26

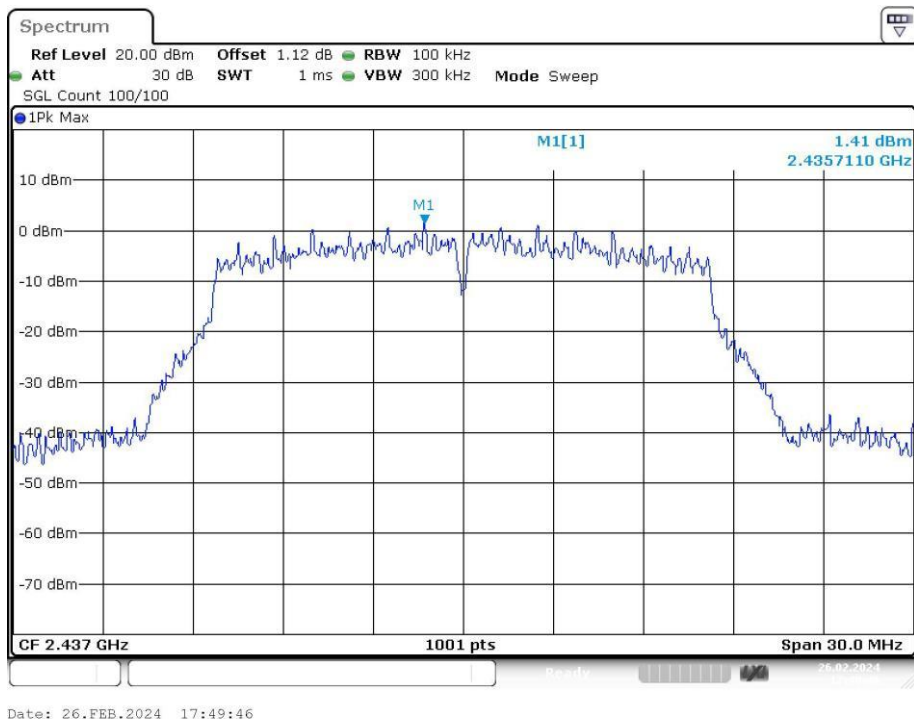
802.11g

Channel 1:2.412 GHz

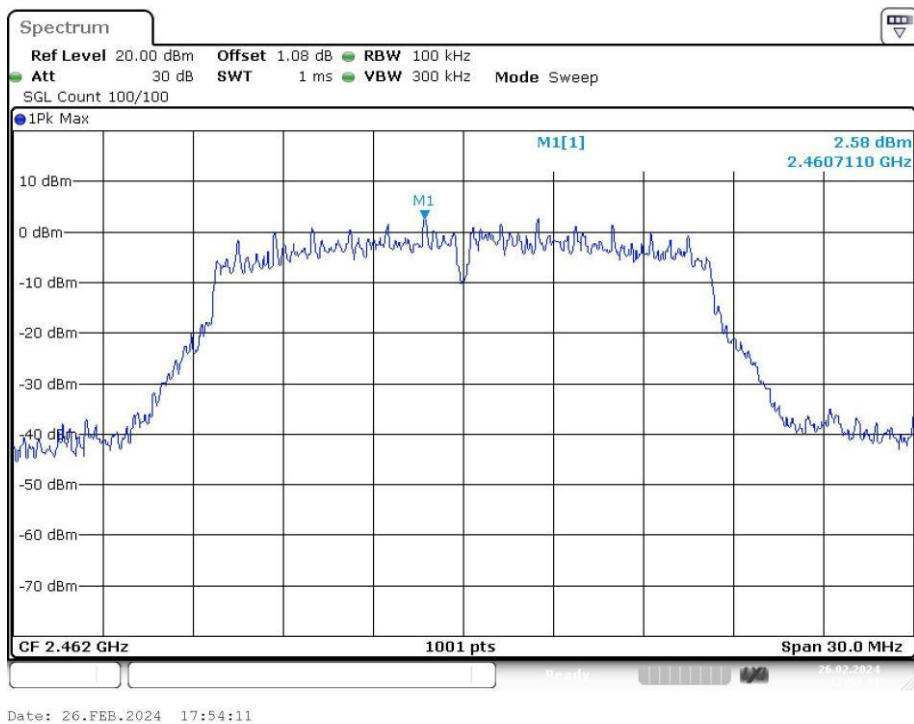


Date: 26.FEB.2024 17:45:40

Channel 6: 2.437GHz

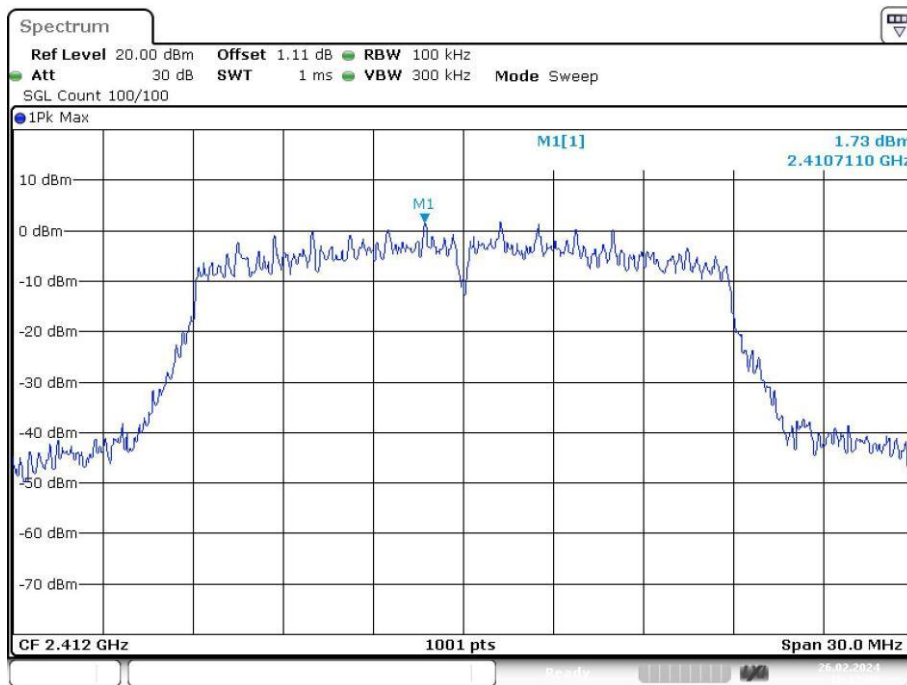


Channel 11: 2.462 GHz



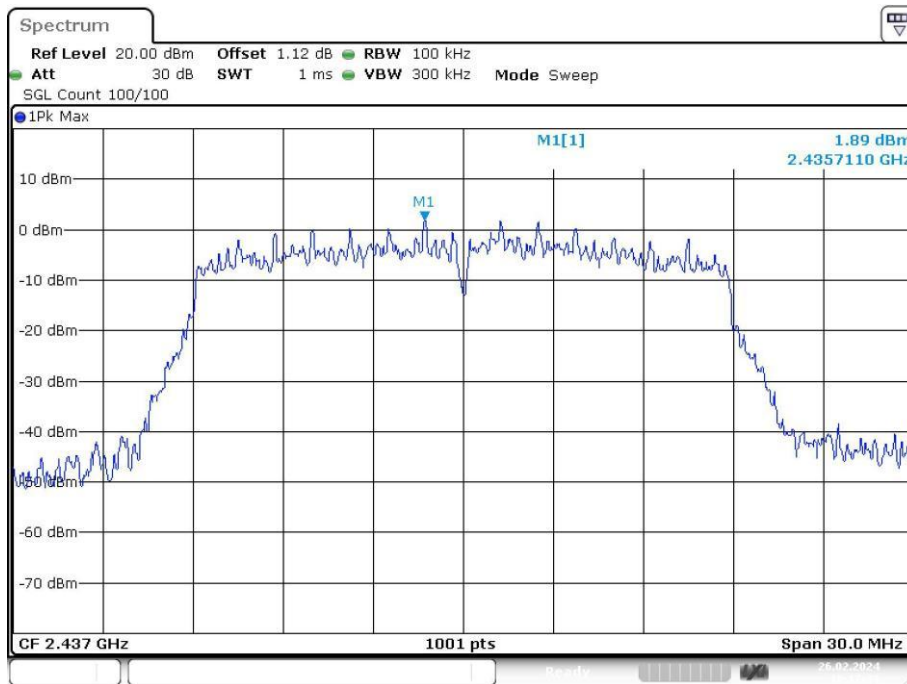
802.11n (HT20)

Channel 1: 2.412 GHz



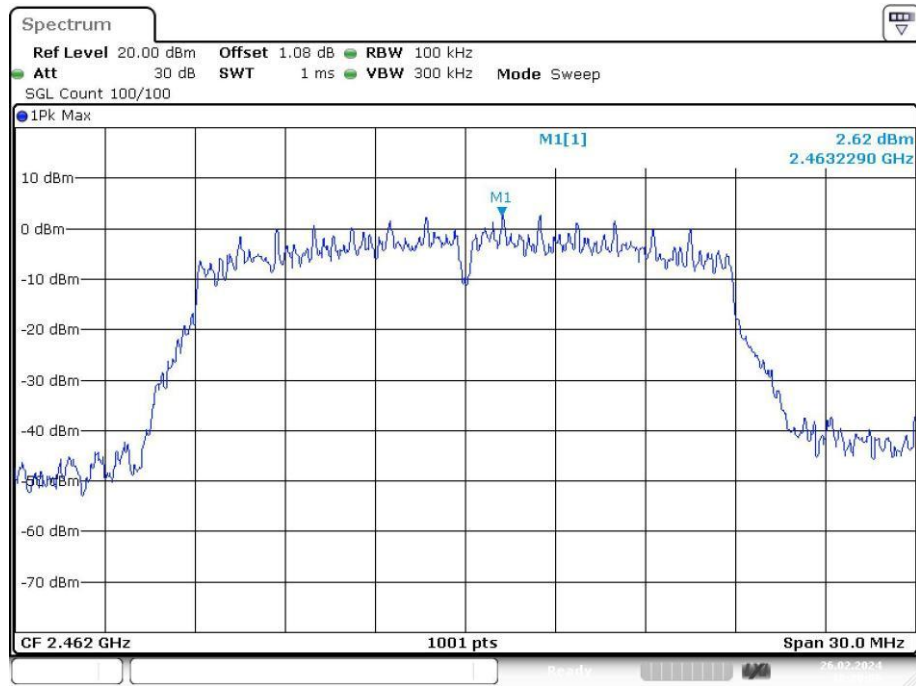
Date: 26.FEB.2024 18:12:48

Channel 6: 2.437GHz



Date: 26.FEB.2024 18:17:34

Channel 11:2.462 GHz



Date: 26.FEB.2024 18:20:09

5.6 Conducted Spurious Emissions

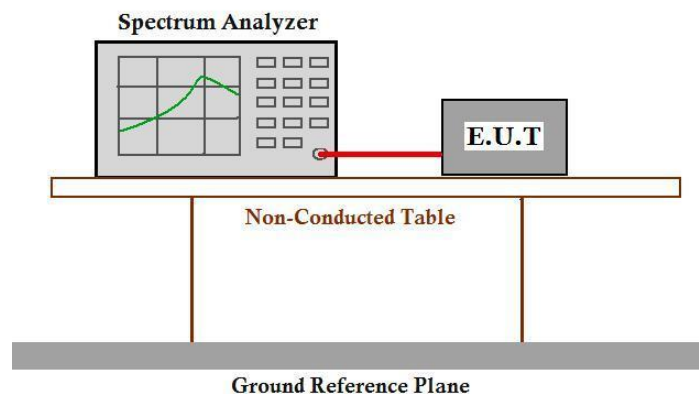
Test Requirement: FCC Part 15 C section 15.247

(d) 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 30 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 averaging conducted power limits.

Test Method: ANSI C63.10:2013

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channel and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



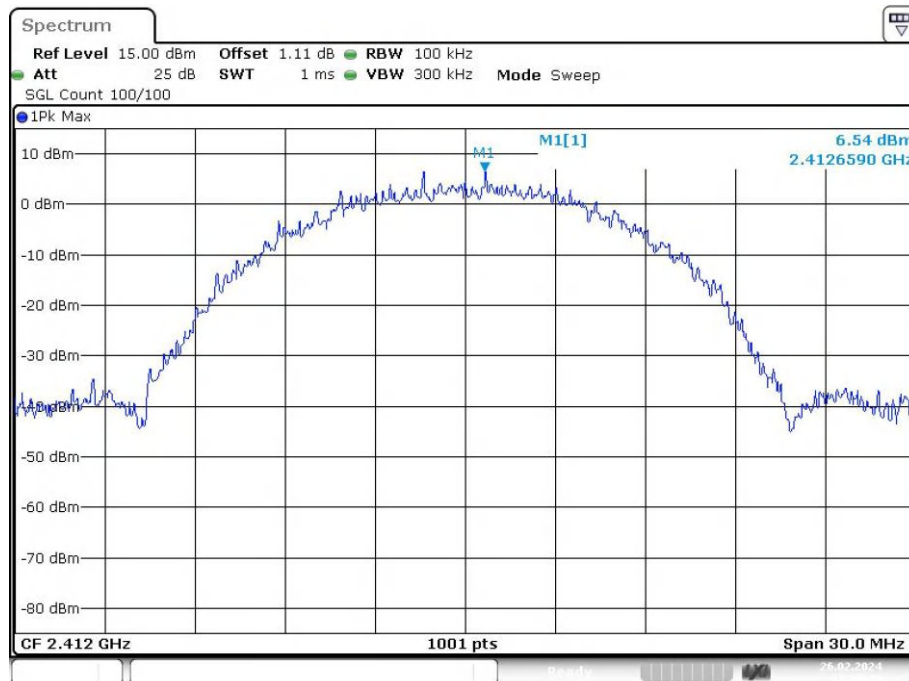
Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
2. Set the spectrum analyzer: RBW=100 KHz, VBW = 300KHz. Sweep = auto; Detector Function = Peak. Trace = Max Hold, Scan up through 10th harmonic.
3. Measure the Conducted Spurious Emissions of the test frequency with special test status.
4. Repeat until all the test status is investigated.
5. Report the worst case.

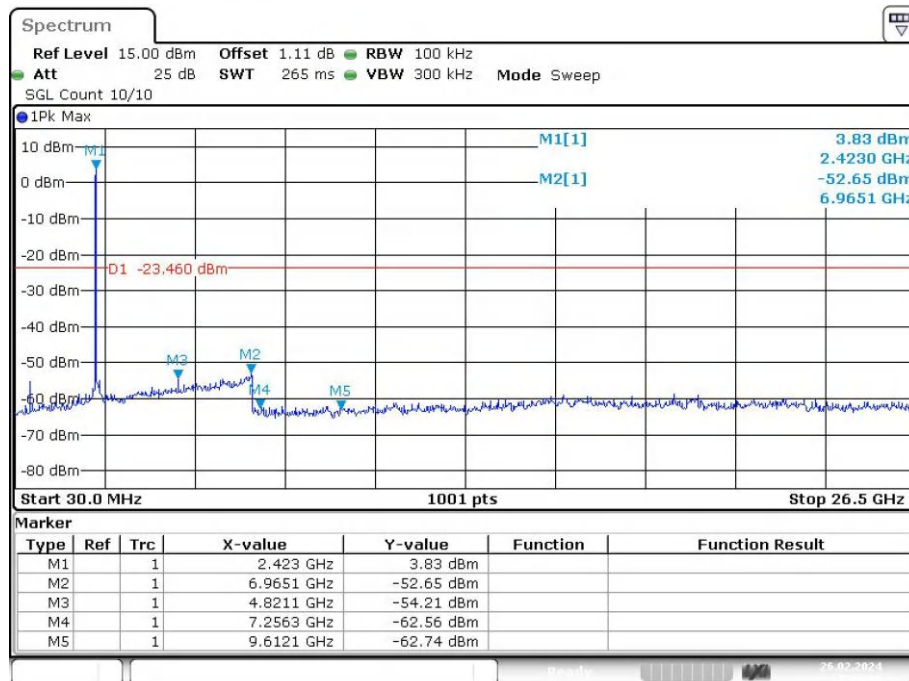
Result plot as follows:

802.11b

Channel 1: 2.412 GHz



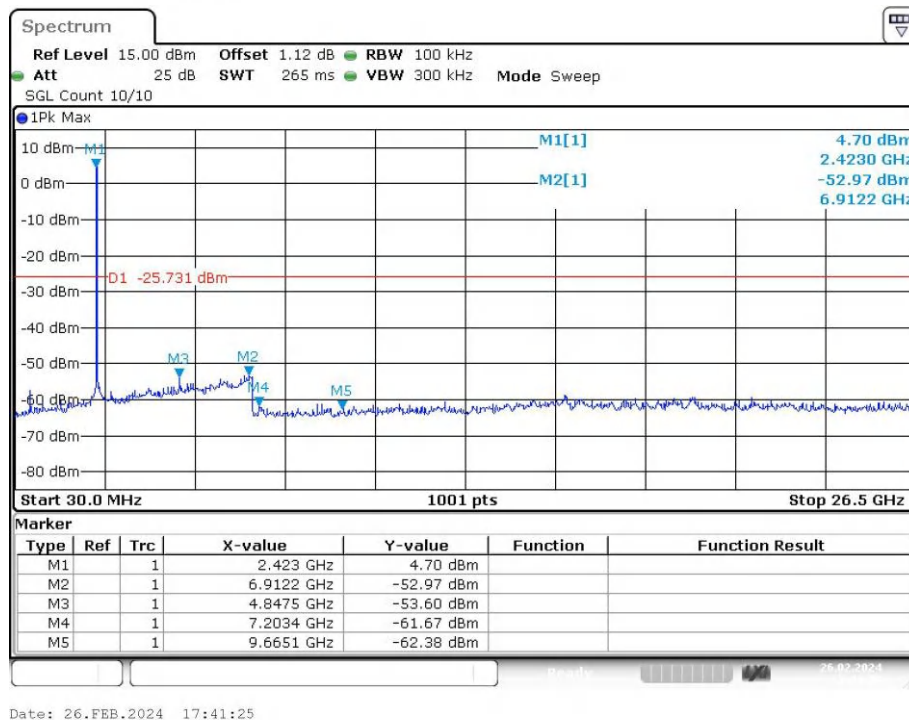
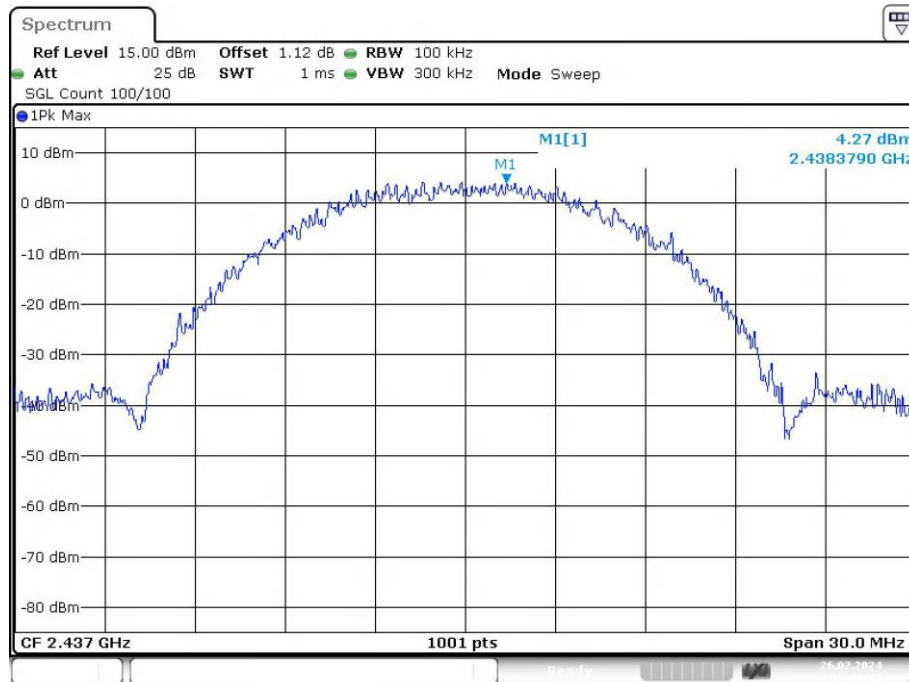
Date: 26.FEB.2024 17:38:32



Date: 26.FEB.2024 17:38:50

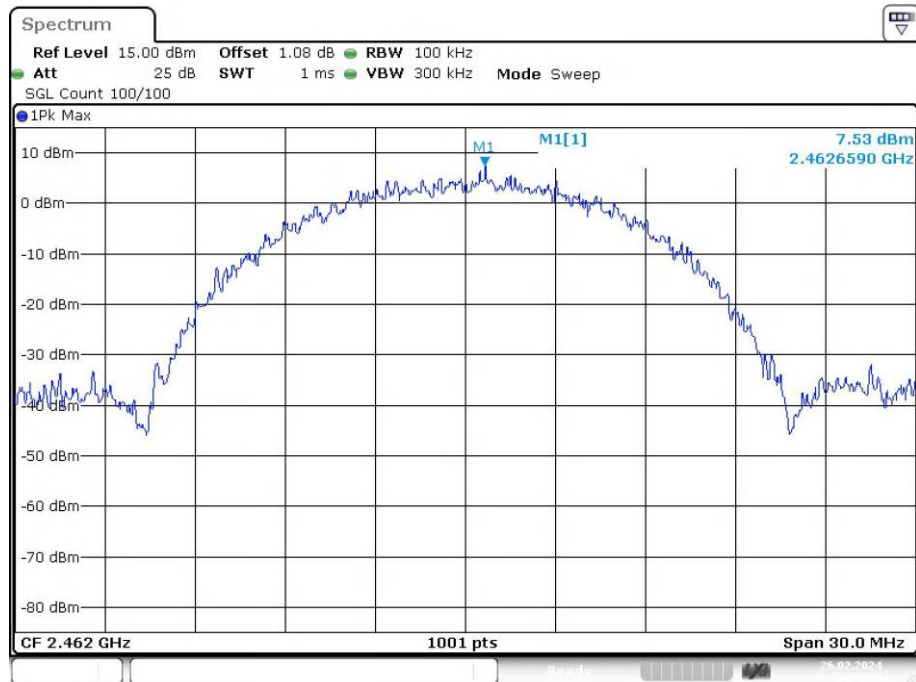
Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 6: 2.437GHz

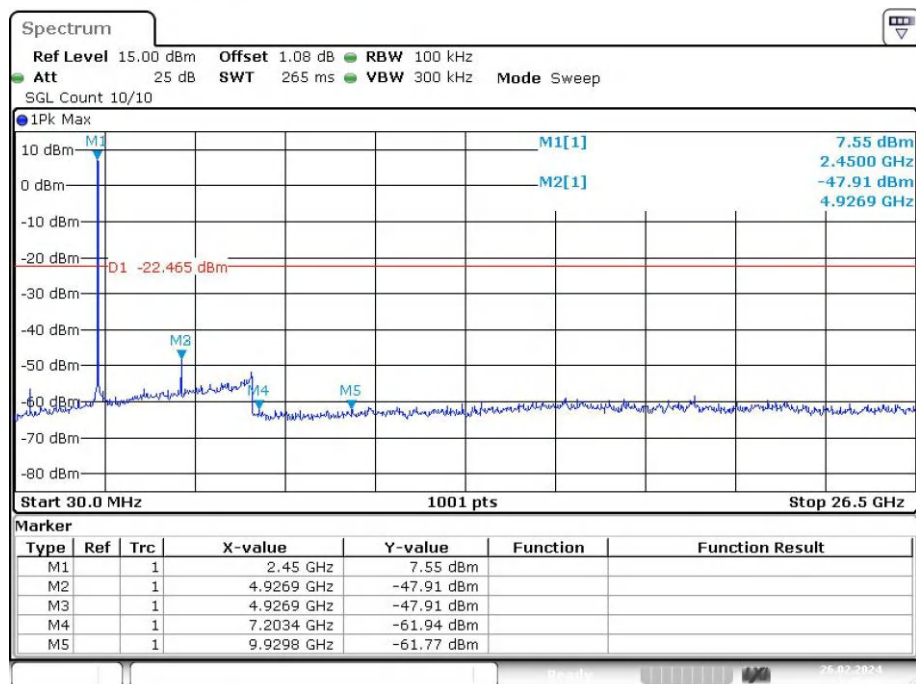


Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 11: 2.462 GHz



Date: 26.FEB.2024 17:43:50

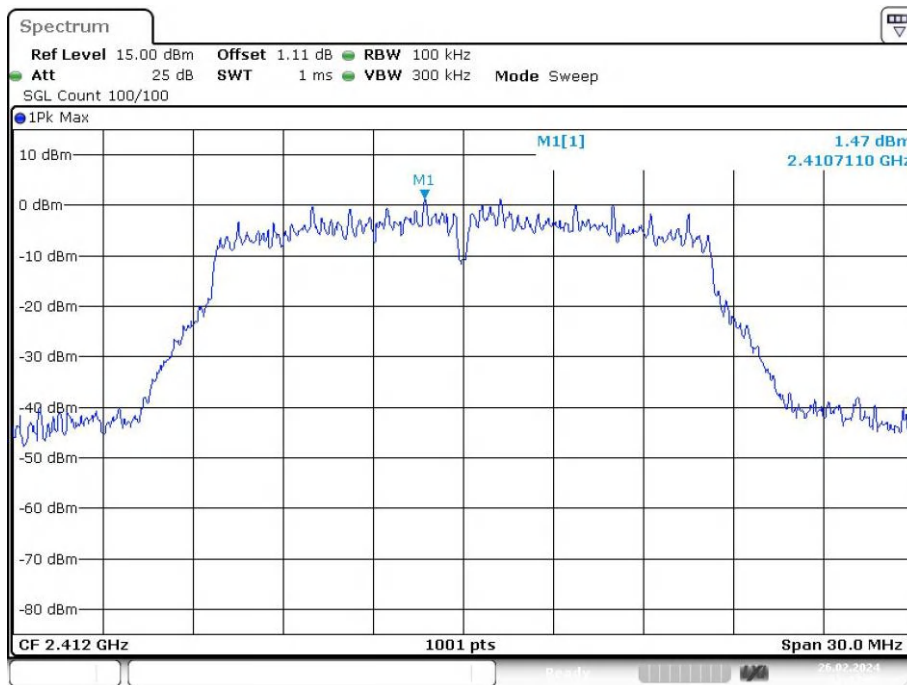


Date: 26.FEB.2024 17:44:08

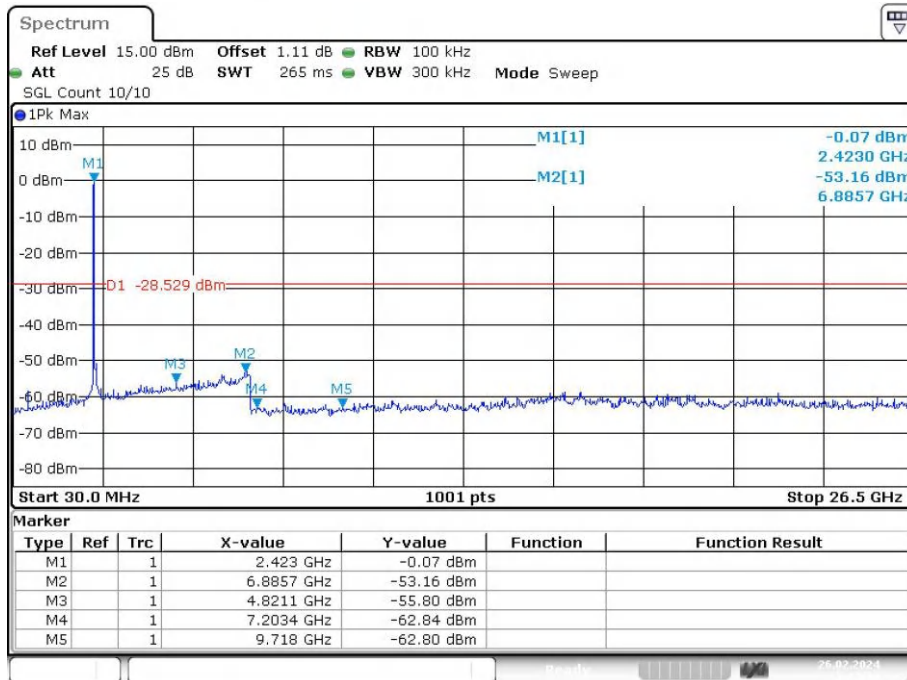
Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

802.11g

Channel 1: 2.412 GHz



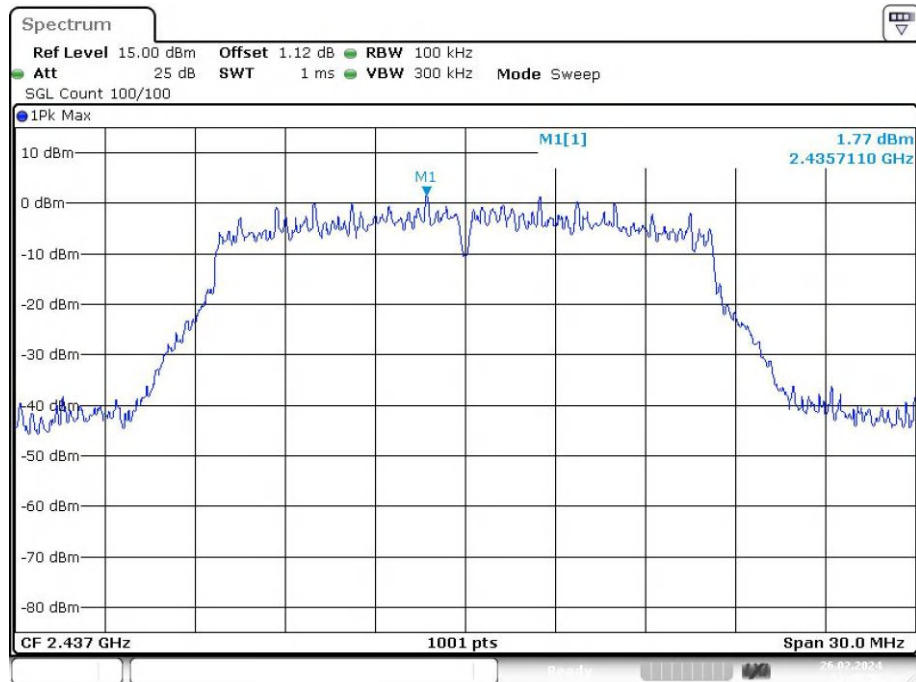
Date: 26.FEB.2024 17:47:02



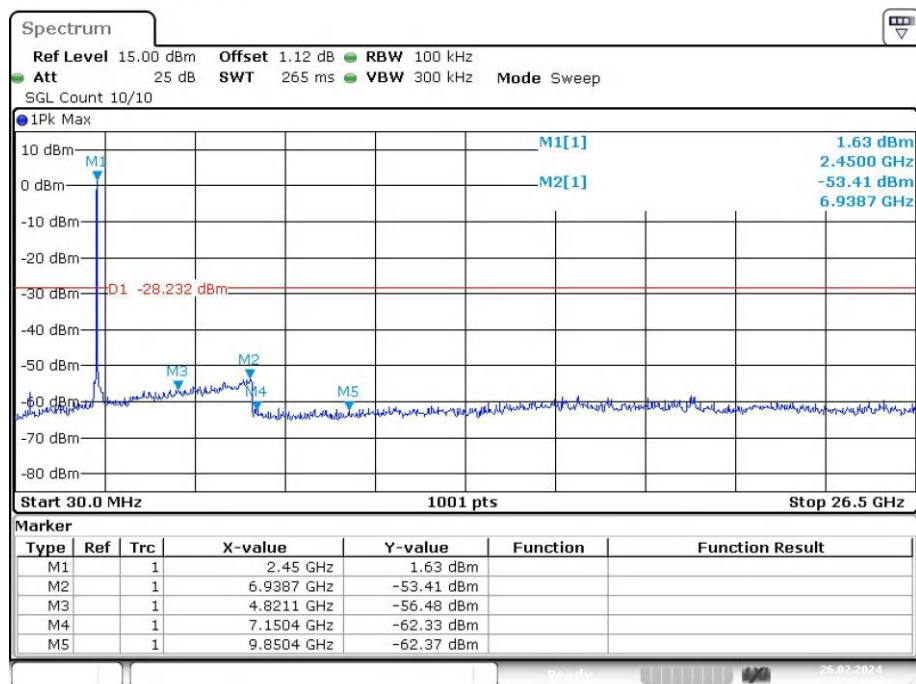
Date: 26.FEB.2024 17:47:19

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 6: 2.437GHz



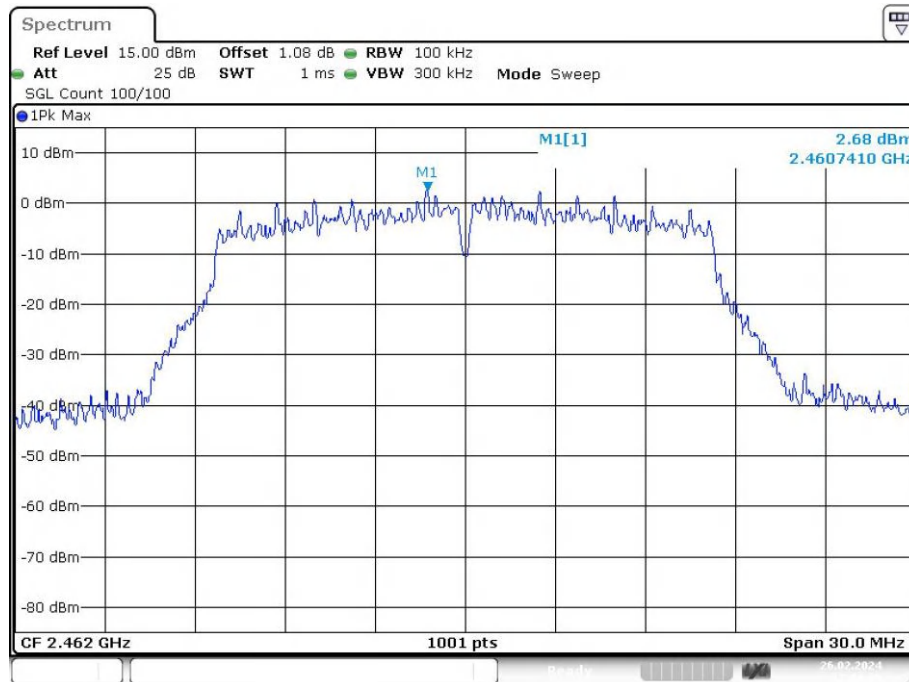
Date: 26.FEB.2024 17:49:56



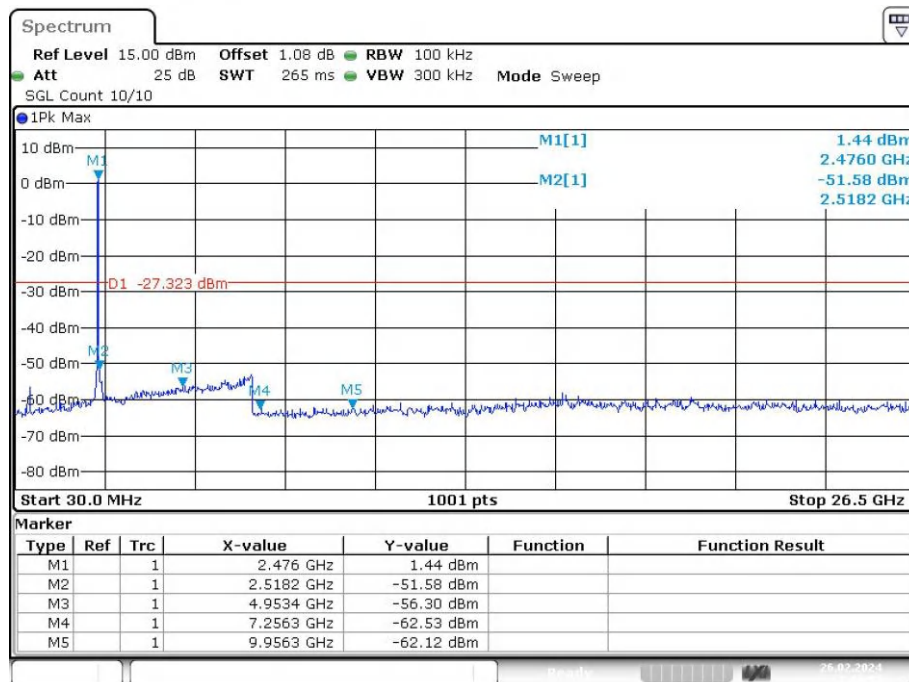
Date: 26.FEB.2024 17:50:14

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 11: 2.462 GHz



Date: 26.FEB.2024 17:54:39

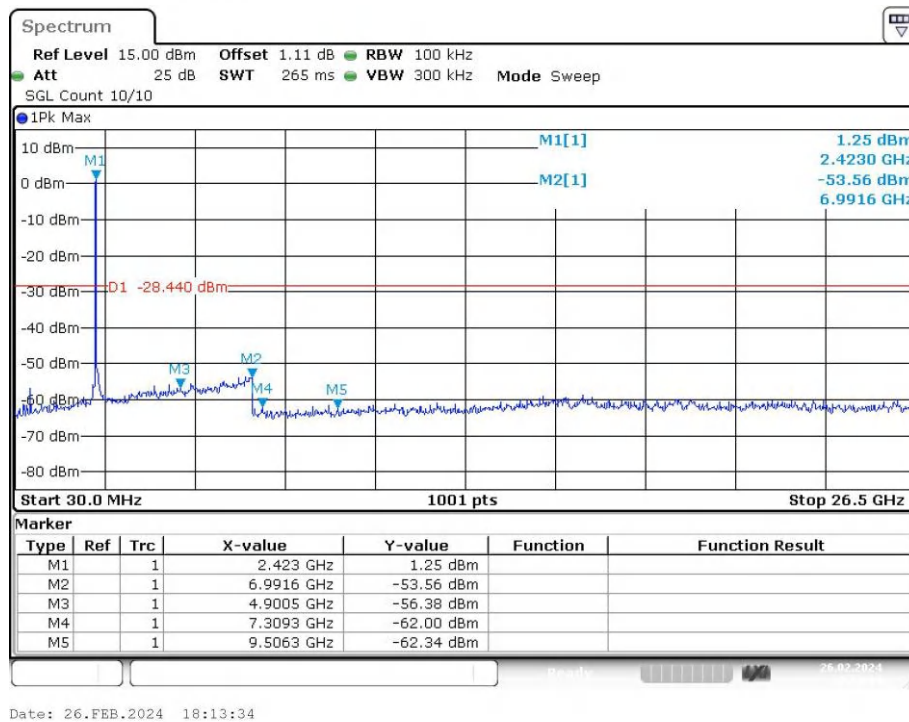
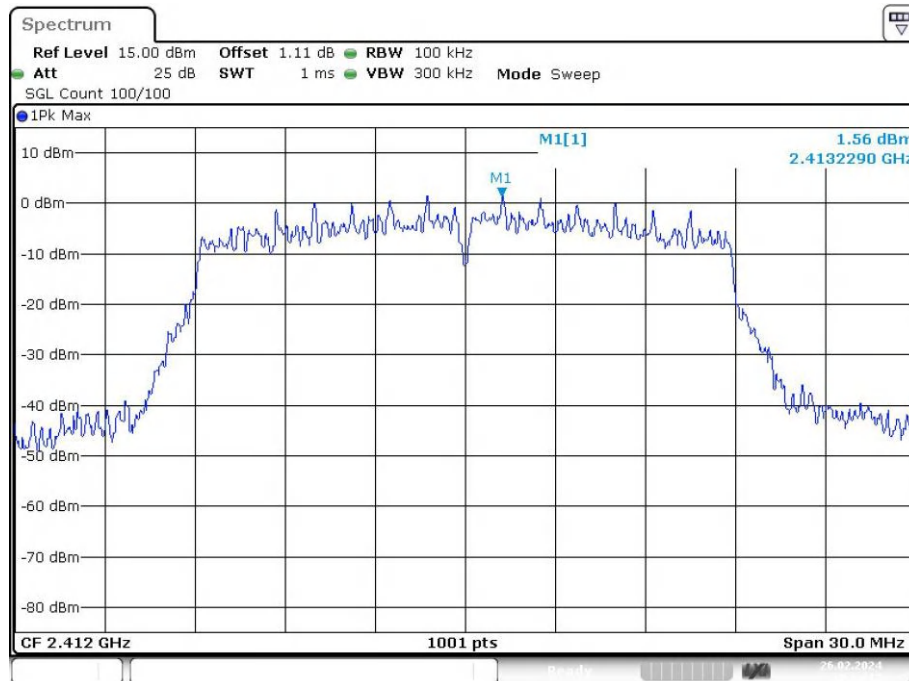


Date: 26.FEB.2024 17:54:57

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

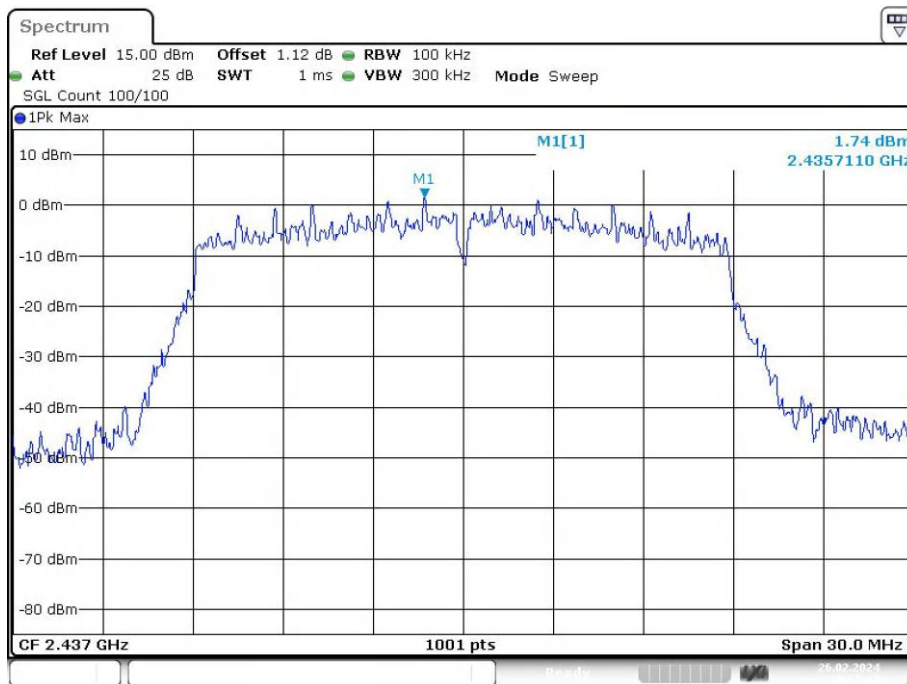
802.11n (HT20)

Channel 1: 2.412 GHz

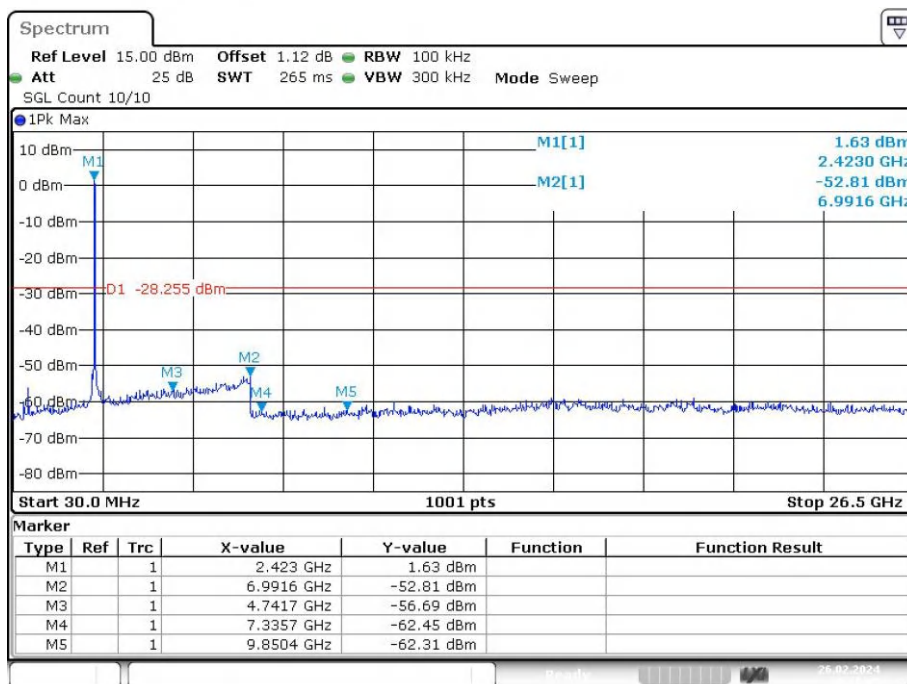


Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 6: 2.437GHz



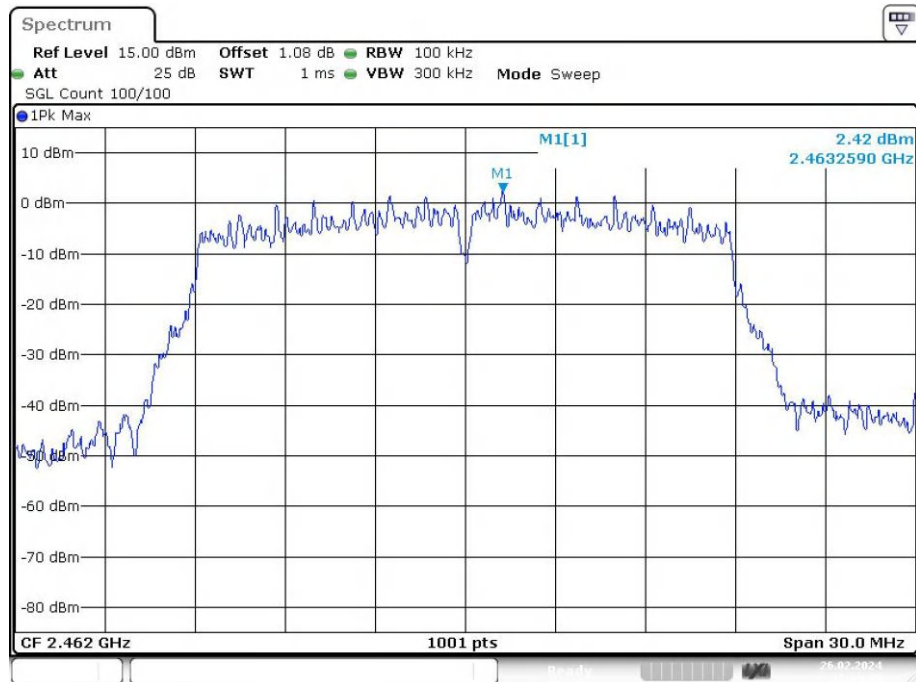
Date: 26.FEB.2024 18:17:46



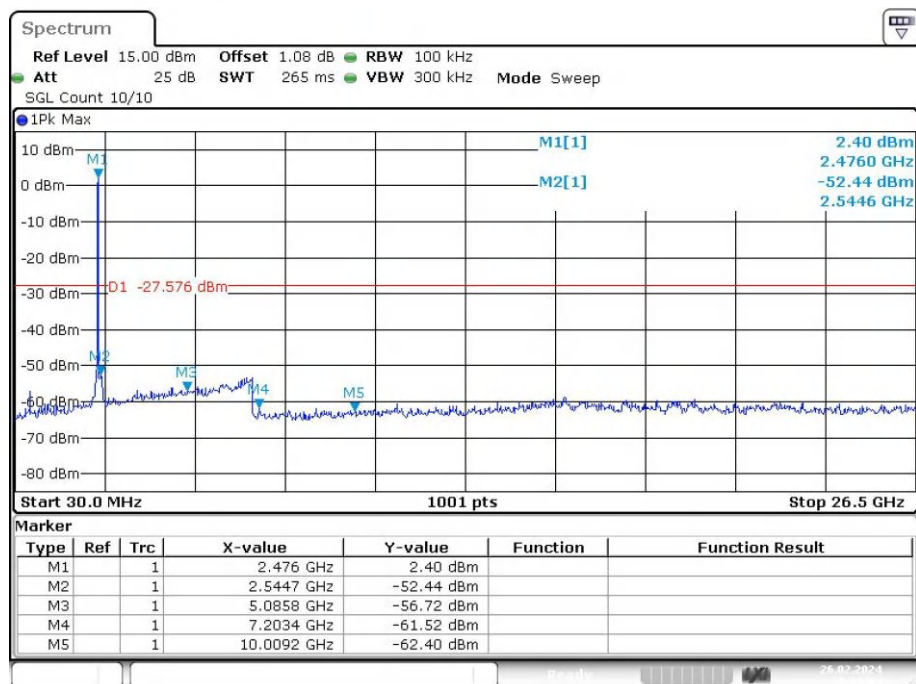
Date: 26.FEB.2024 18:18:04

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 11: 2.462 GHz



Date: 26.FEB.2024 18:20:44



Date: 26.FEB.2024 18:21:01

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

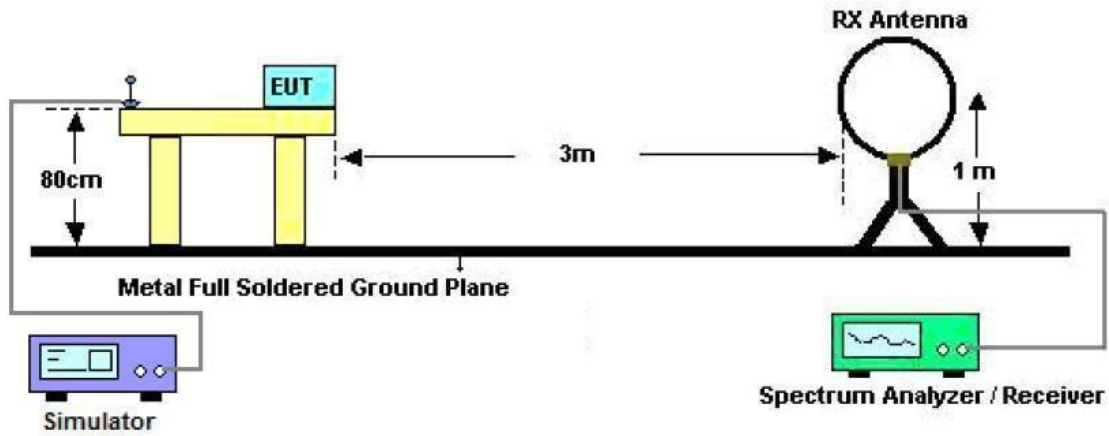
The unit does meet the FCC requirements.

5.7 Radiated Spurious Emissions

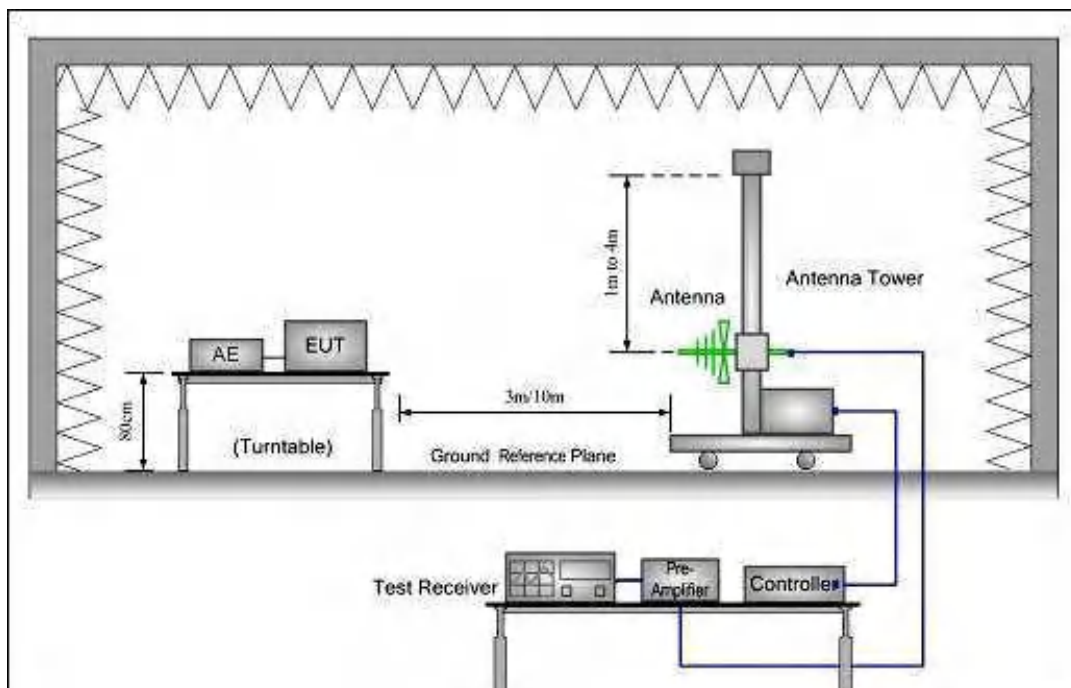
Test Requirement:	FCC Part 15 C section 15.247 (d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating. The radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 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, and provided the transmitter demonstrates compliance with the peak conducted power limits.
Test Method:	ANSI C63.10:2013
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Detector: For PK value:	RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW $\geq$ RBW Sweep = auto Detector function = peak Trace = max hold For AV value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz, 9 kHz for < 30 MHz VBW = 10 Hz Sweep = auto Detector function = peak Trace = max hold
15.209 Limit:	40.0 dB μ V/m between 30 MHz & 88 MHz 43.5 dB μ V/m between 88 MHz & 216 MHz 46.0 dB μ V/m between 216 MHz & 960 MHz 54.0 dB μ V/m above 960 MHz

Test Configuration:

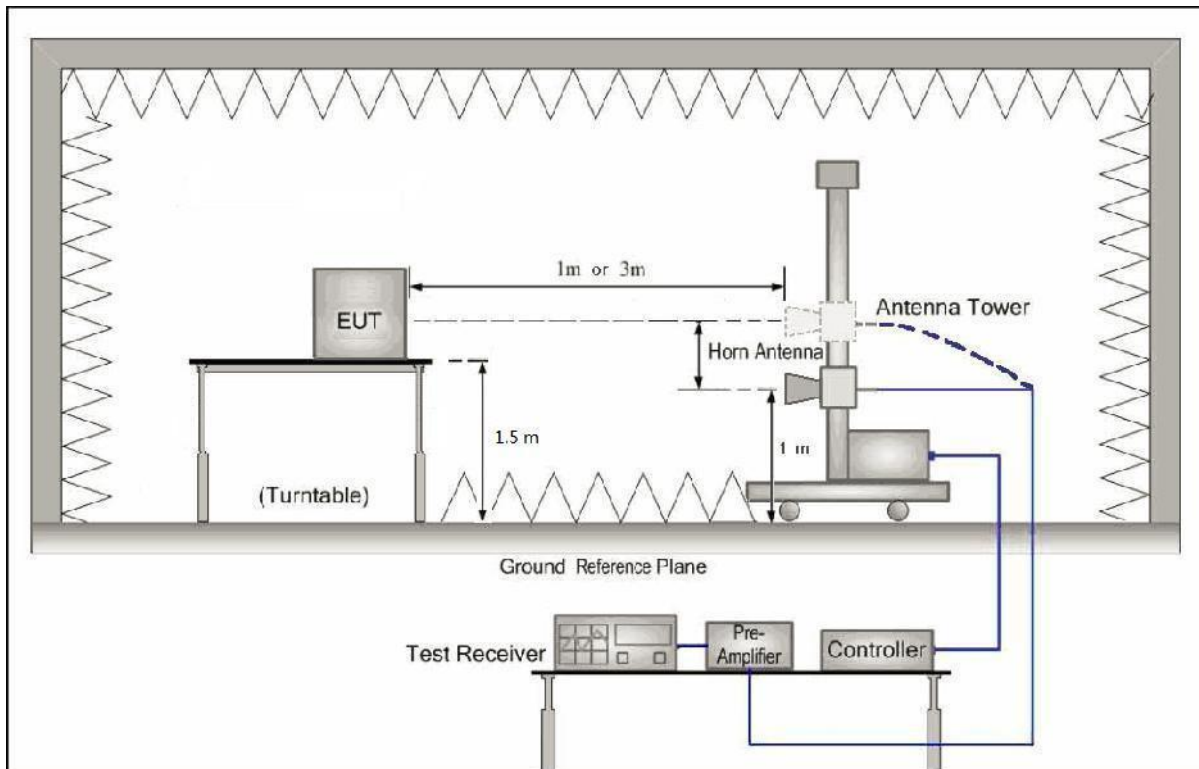
- 1) 9 kHz to 30 MHz emissions:



- 2) 30 MHz to 1 GHz emissions:



3) 1 GHz to 40 GHz emissions:



Test Procedure: (1) The receiver was scanned from 0.009MHz to 25GHz. When an emission was found, the table was rotated to produce the maximum signal strength. An initial pre-scan was performed for in peak detection mode using the receiver. The EUT was measured for both the Horizontal and Vertical polarities and performed a pre-test three orthogonal planes. For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage. After pre-test, it was found that the worst radiation emission was at the X position. So the data shown was the X position only. The worst case emissions were reported.

(2) Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from $20\log(\text{dwell time}/100 \text{ ms})$, in an effort to demonstrate compliance with the 15.209 limit. Submit this data.

(3) Pre-test under all modes below 1GHz; choose the worst case mode record On the report.

5.7.1 Harmonic and other spurious emissions

Worst case mode 802.11b

9 kHz~30 MHz Test result

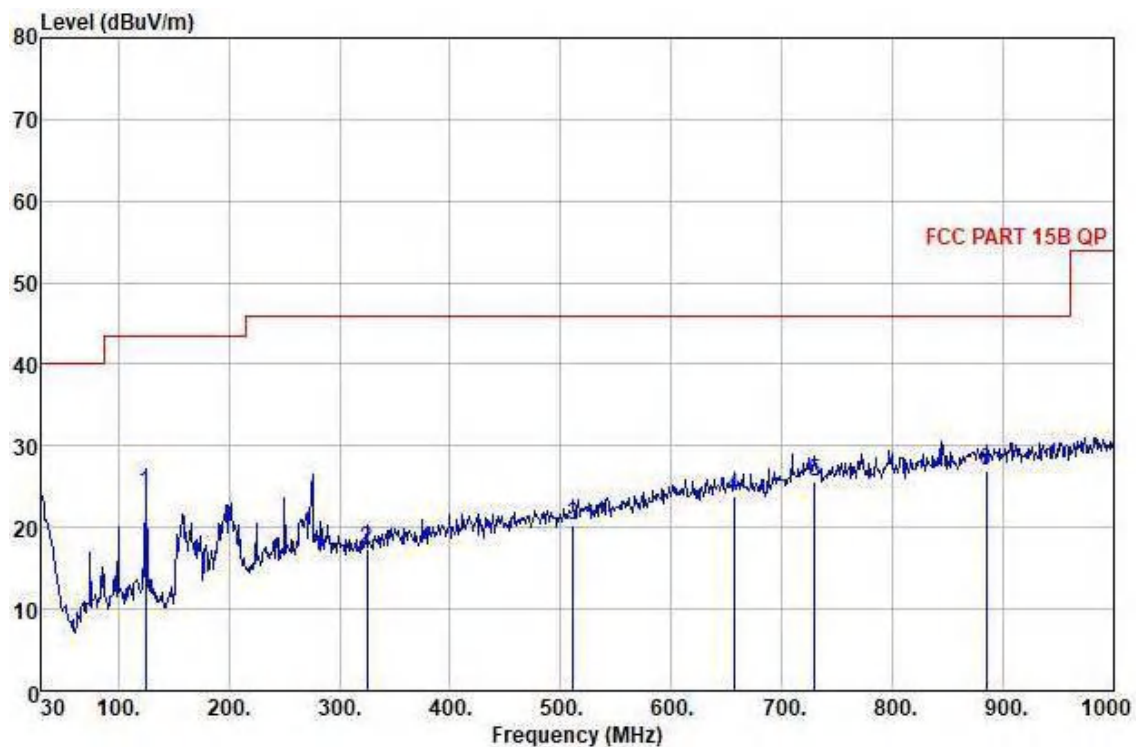
The Low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not report

30 MHz~1 GHz Spurious Emissions .Quasi-Peak Measurement

Horizontal:

Peak scan

Level (dBμV/m)



Quasi-peak measurement

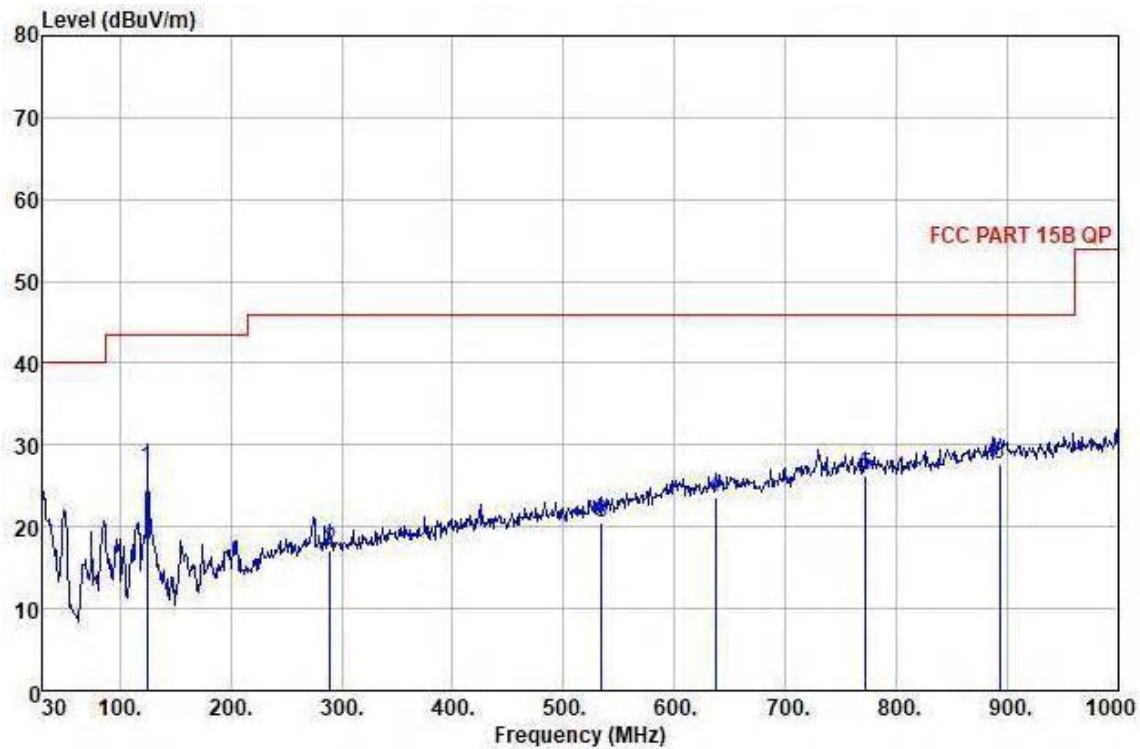
No.	Freq MHz	Read Level dBμV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBμV/m	Limit Line dBμV/m	Over Limit dB	Pol/Phase	Remark
1	125.060	38.30	13.00	1.33	28.45	24.18	43.50	-19.32	HORIZONTAL	QP
2	324.880	24.81	17.87	2.20	27.50	17.38	46.00	-28.62	HORIZONTAL	QP
3	511.120	25.07	21.21	2.81	28.71	20.38	46.00	-25.62	HORIZONTAL	QP
4	656.620	25.54	23.47	3.22	28.41	23.82	46.00	-22.18	HORIZONTAL	QP
5	729.370	25.68	24.16	3.40	27.58	25.66	46.00	-20.34	HORIZONTAL	QP
6	884.570	24.50	25.98	3.76	27.20	27.04	46.00	-18.96	HORIZONTAL	QP

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Vertical:

Peak scan

Level (dB μ V/m)



Quasi-peak measurement

No.	Freq MHz	Read Level dB μ V	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dB μ V/m	Limit Line dB μ V/m	Over Limit dB	Pol/Phase	Remark
1	125.060	41.26	13.00	1.33	28.45	27.14	43.50	-16.36	VERTICAL	QP
2	289.960	25.43	17.26	2.08	27.50	17.27	46.00	-28.73	VERTICAL	QP
3	534.100	24.71	21.65	2.87	28.71	20.52	46.00	-25.48	VERTICAL	QP
4	637.220	25.65	23.27	3.16	28.45	23.63	46.00	-22.37	VERTICAL	QP
5	772.050	25.57	24.55	3.50	27.41	26.21	46.00	-19.79	VERTICAL	QP
6	893.300	25.05	26.11	3.78	27.20	27.74	46.00	-18.26	VERTICAL	QP

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

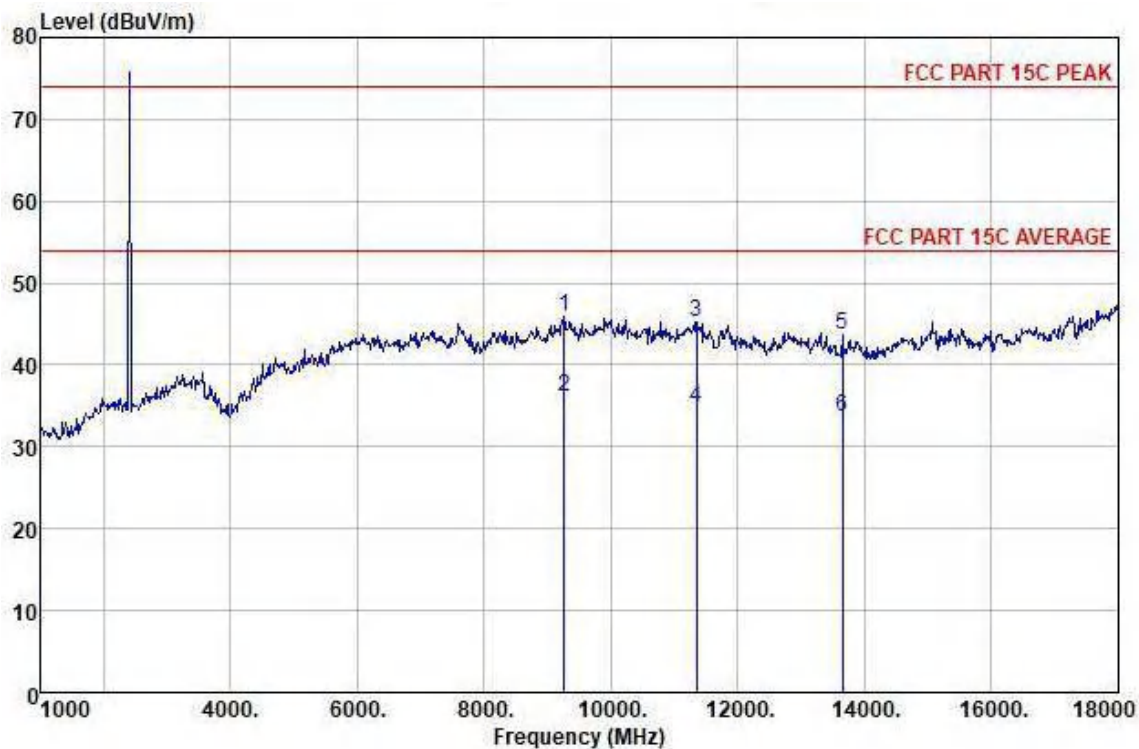
5.7.2 Spurious emissions above 1GHz

Test at Channel 1 (2.412 GHz) in transmitting status

Horizontal:

Peak scan

Level (dBμV/m)



Freq MHz	Read Level dBuV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Pol/Phase	Remark
9262.000	31.25	38.80	0.00	27.18	45.87	74.00	-28.13	HORIZONTAL	Peak
9262.000	24.48	38.80	0.00	27.18	36.10	54.00	-17.90	HORIZONTAL	Average
11353.000	32.77	39.48	0.00	26.99	45.26	74.00	-28.74	HORIZONTAL	Peak
11353.000	22.19	39.48	0.00	26.99	34.68	54.00	-19.32	HORIZONTAL	Average
13648.000	30.25	39.76	0.00	26.29	43.72	74.00	-30.28	HORIZONTAL	Peak
13648.000	20.19	39.76	0.00	26.29	33.66	54.00	-20.34	HORIZONTAL	Average

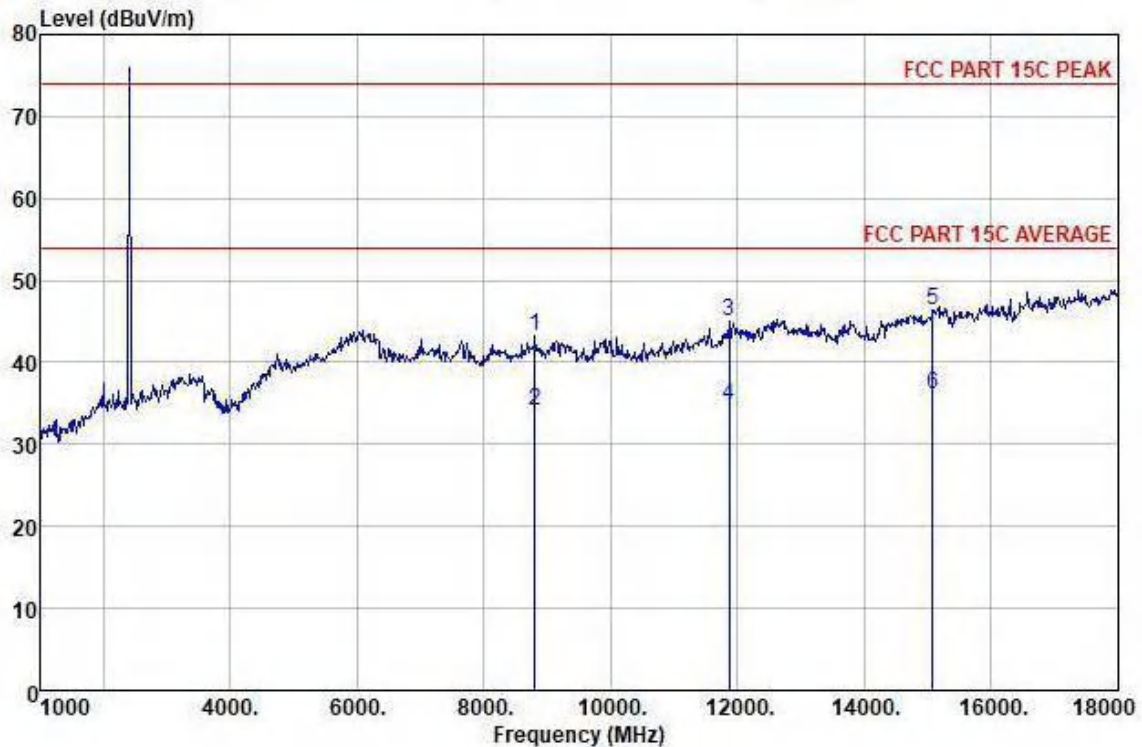
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



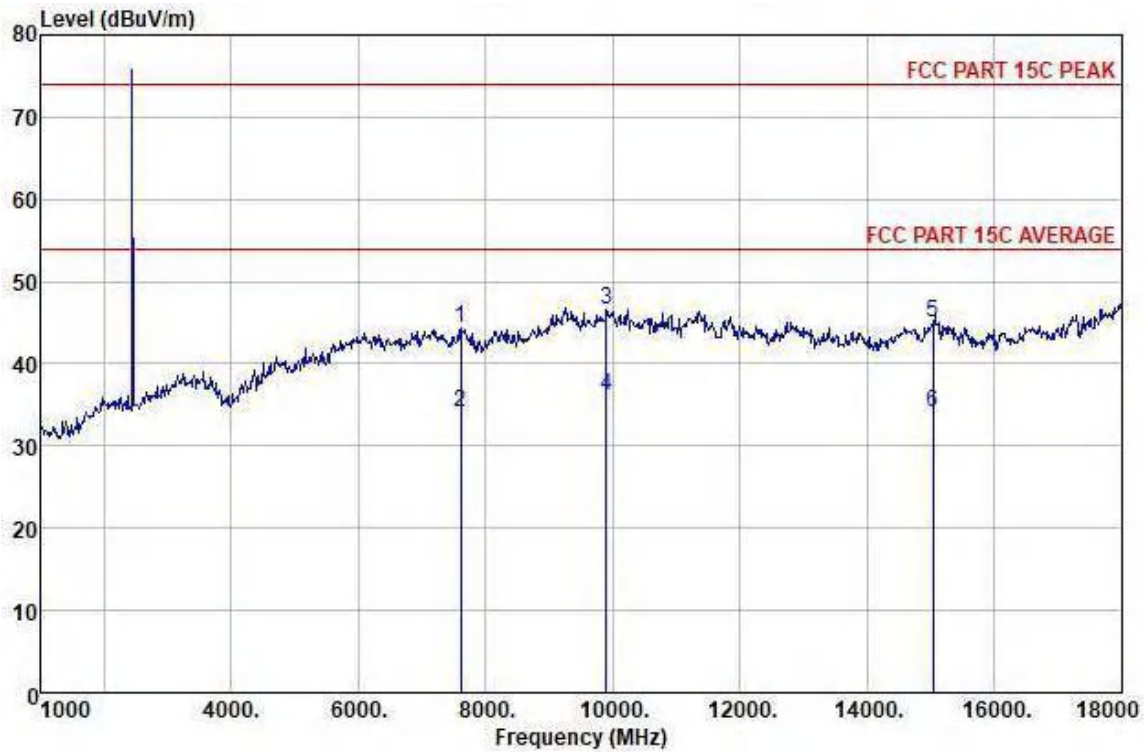
Freq MHz	Read Level dBμV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBμV/m	Limit Line dBμV/m	Over Limit dB	Pol/Phase	Remark
8803.000	32.01	38.41	0.00	27.23	43.19	74.00	-30.81	VERTICAL	Peak
8803.000	22.95	38.41	0.00	27.23	34.13	54.00	-19.87	VERTICAL	Average
11863.000	32.22	39.60	0.00	26.88	44.94	74.00	-29.06	VERTICAL	Peak
11863.000	22.15	39.60	0.00	26.88	34.87	54.00	-19.13	VERTICAL	Average
15076.000	32.50	39.99	0.00	26.06	46.43	74.00	-27.57	VERTICAL	Peak
15076.000	22.20	39.99	0.00	26.06	36.13	54.00	-17.87	VERTICAL	Average

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Channel 6 (2.437 GHz) in transmitting status**Horizontal:**

Peak scan

Level (dB μ V/m)

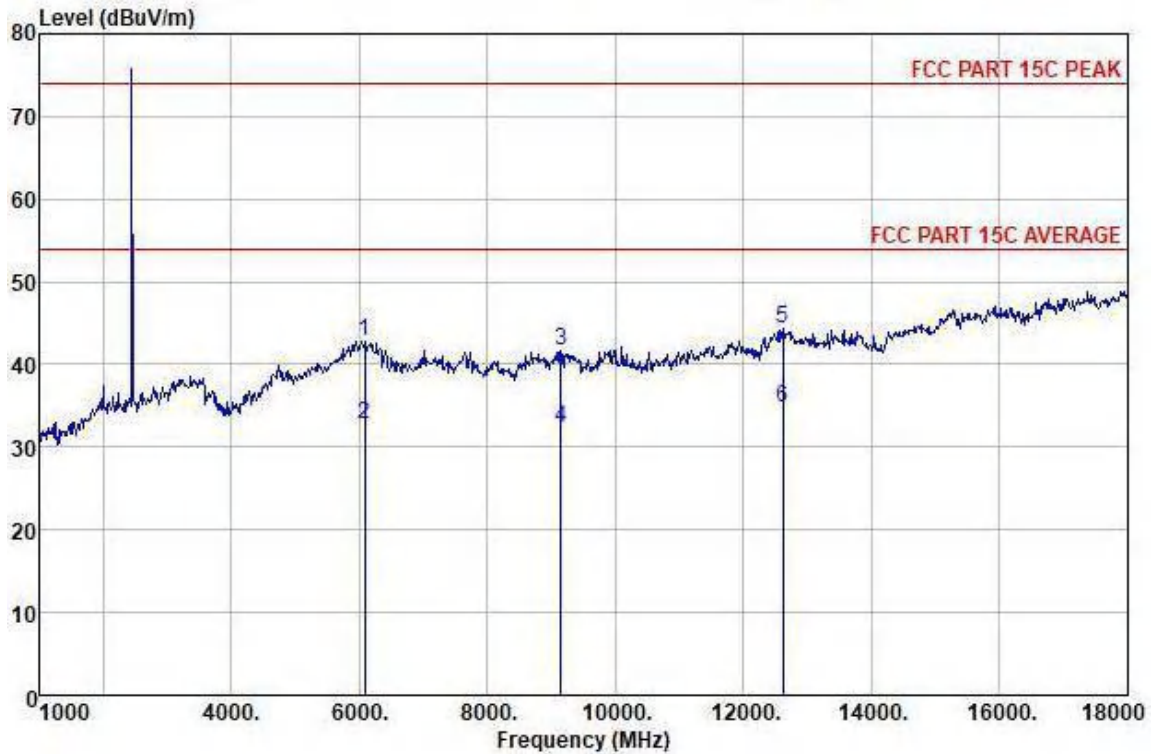
Freq MHz	Read Level dBuV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Pol/Phase	Remark
7613.000	31.61	37.15	0.00	27.32	11.14	71.00	-29.56	HORIZONTAL	Peak
7613.000	24.22	37.15	0.00	27.32	34.05	51.00	-19.95	HORIZONTAL	Average
9891.000	34.74	38.96	0.00	27.11	16.59	71.00	-27.11	HORIZONTAL	Peak
9891.000	24.15	38.96	0.00	27.11	36.00	51.00	-18.00	HORIZONTAL	Average
15025.000	30.98	10.06	0.00	26.07	14.97	71.00	-29.03	HORIZONTAL	Peak
15025.000	20.16	10.06	0.00	26.07	34.15	51.00	-19.85	HORIZONTAL	Average

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor**Note: The emission above limit is fundamental emission, which is not subject to the limit.**

Vertical:

Peak scan

Level (dB μ V/m)



Freq MHz	Read Level dB μ V	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dB μ V/m	Limit Line dB μ V/m	Over Limit dB	Pol/Phase	Remark
6083.000	34.28	35.92	0.00	27.41	42.79	74.00	-31.21	VERTICAL	Peak
6083.000	24.15	35.92	0.00	27.41	32.66	54.00	-21.34	VERTICAL	Average
9143.000	30.04	38.80	0.00	27.19	41.65	74.00	-32.35	VERTICAL	Peak
9143.000	20.71	38.80	0.00	27.19	32.32	54.00	-21.68	VERTICAL	Average
12611.000	31.21	39.77	0.00	26.64	44.34	74.00	-29.66	VERTICAL	Peak
12611.000	21.54	39.77	0.00	26.64	34.67	54.00	-19.33	VERTICAL	Average

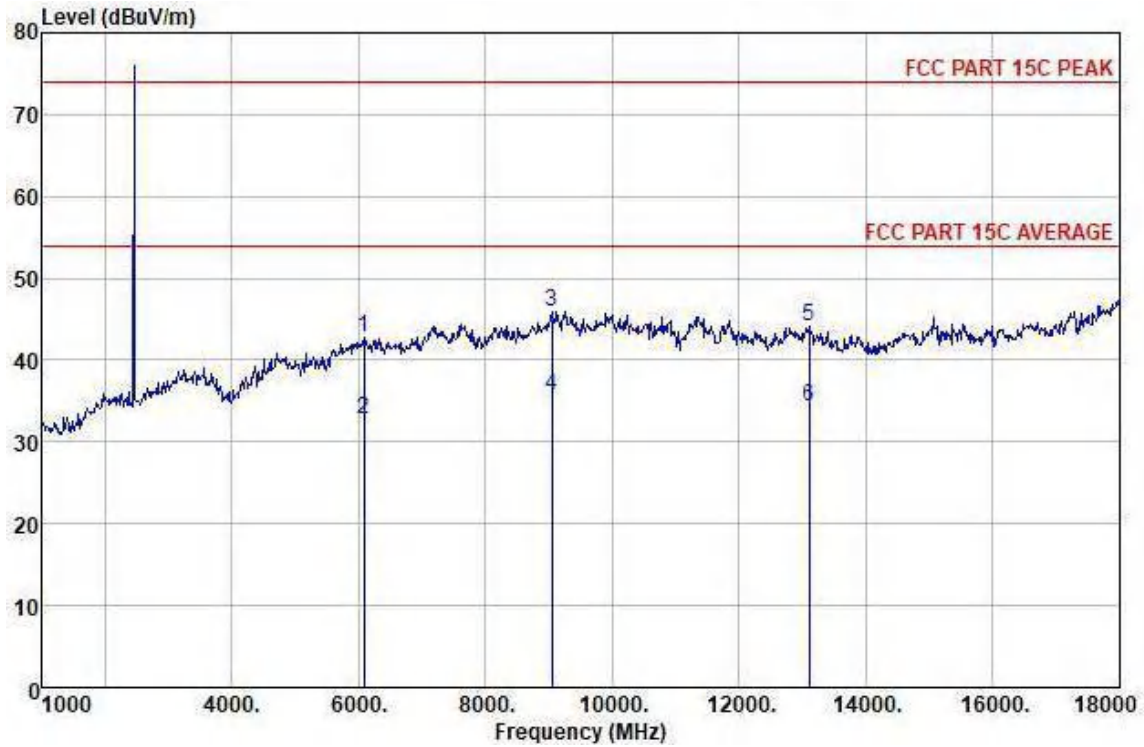
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Test at Channel 11 (2.462 GHz) in transmitting status

Horizontal:

Peak scan

Level (dB μ V/m)

Freq MHz	Read Level dBuV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Pol/Phase	Remark
6083.000	34.28	35.92	0.00	27.41	42.79	74.00	-31.21	HORIZONTAL	Peak
6083.000	24.18	35.92	0.00	27.41	32.69	54.00	-21.31	HORIZONTAL	Average
9041.000	34.29	38.80	0.00	27.21	45.88	74.00	-28.12	HORIZONTAL	Peak
9041.000	24.12	38.80	0.00	27.21	35.71	54.00	-18.29	HORIZONTAL	Average
13104.000	30.04	40.55	0.00	26.45	44.14	74.00	-29.86	HORIZONTAL	Peak
13104.000	20.16	40.55	0.00	26.45	34.26	54.00	-19.74	HORIZONTAL	Average

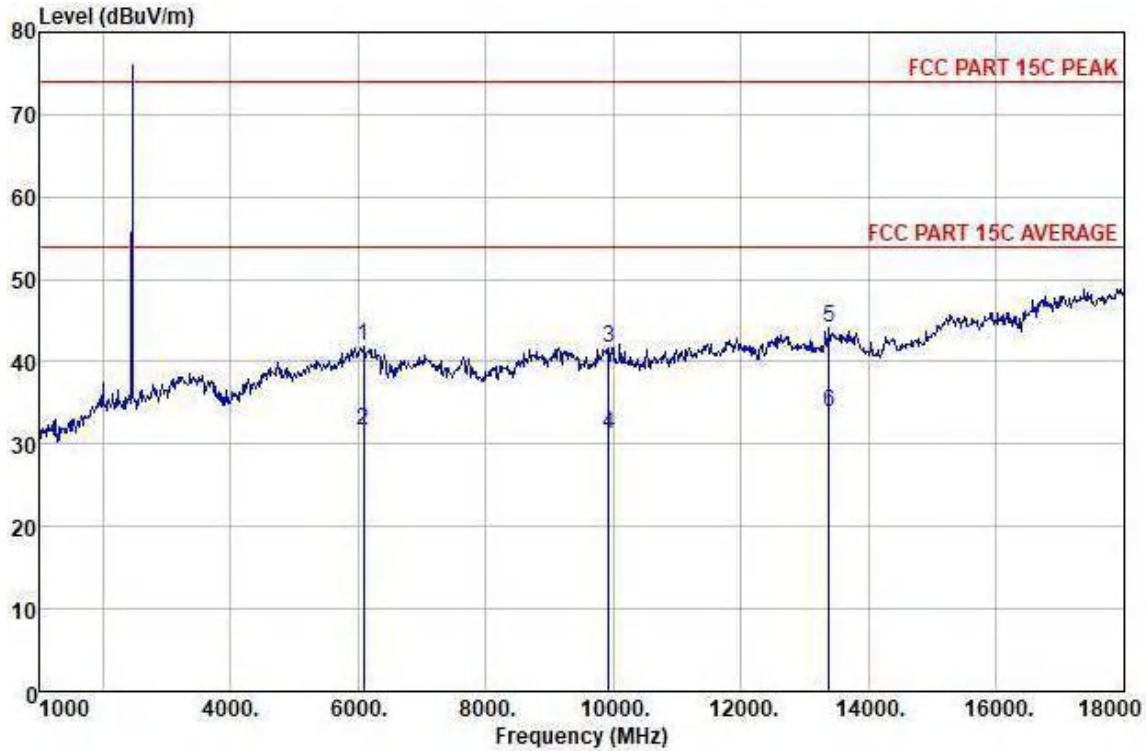
Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

Vertical:

Peak scan

Level (dBμV/m)



Freq MHz	Read Level dBμV	Antenna Factor dB	Cable Loss dB	Preamp Factor dB	Level dBμV/m	Limit Line dBμV/m	Over Limit dB	Pol/Phase	Remark
6083.000	33.28	35.92	0.00	27.41	41.79	74.00	-32.21	VERTICAL	Peak
6083.000	23.12	35.92	0.00	27.41	31.63	54.00	-22.37	VERTICAL	Average
9925.000	29.82	38.97	0.00	27.11	41.68	74.00	-32.32	VERTICAL	Peak
9925.000	19.26	38.97	0.00	27.11	31.12	54.00	-22.88	VERTICAL	Average
13376.000	30.34	40.17	0.00	26.36	44.15	74.00	-29.85	VERTICAL	Peak
13376.000	20.12	40.17	0.00	26.36	33.93	54.00	-20.07	VERTICAL	Average

Level=Read Level + Antenna Factor + Cable Loss - Preamp Factor

Note: The emission above limit is fundamental emission, which is not subject to the limit.

The field strength is calculated by adding the Antenna Factor. Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Correct= Antenna Factor + Cable Factor –Preamplifier Factor,

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor –Preamplifier Factor.

No any other emissions level which are attenuated less than 20dB below the limit.

According to 15.31(o), the amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part.

Hence there no other emissions have been reported.

Remark:

- 1). For this intentional radiator operates below 25 GHz. The spectrum shall be investigated to the tenth harmonics of the highest fundamental frequency. And above the third harmonic of this intentional radiator, the disturbance is very low. So the test result only displays to 3rd harmonic.
- 2). As shown in Section, for frequencies above 1000 MHz. the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.
- 3). The test only perform the EUT in transmitting status since the test frequencies were over 1GHz only required transmitting status.

Test result: The unit does meet the FCC requirements.

5.8 Radiated Emissions which fall in the restricted bands

Test Requirement:	FCC Part 15 C section 15.247 (d) In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).
Test Method:	ANSI C63.10:2013
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Limit:	40.0 dB μ V/m between 30 MHz & 88MHz; 43.5 dB μ V/m between 88MHz & 216MHz; 46.0 dB μ V/m between 216MHz & 960MHz; 54.0 dB μ V/m above 960MHz.
Detector:	For PK value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW $\geq$ RBW Sweep = auto Detector function = peak Trace = max hold For AV value: RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz VBW = 10Hz Sweep = auto Detector function = peak Trace = max hold

Section 15.205 Restricted bands of operation.

(a) Except as shown in paragraph (d) of this section. Only spurious emissions are permitted in any of the frequency bands listed below:

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 -	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.52525	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.7 - 156.9	3260 - 3267	23.6 - 24.0
12.29 - 12.293	162.0125 - 167.17	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	167.72 - 173.2	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	240 - 285	3600 - 4400	
13.36 - 13.41	322 - 335.4		

Test Result:

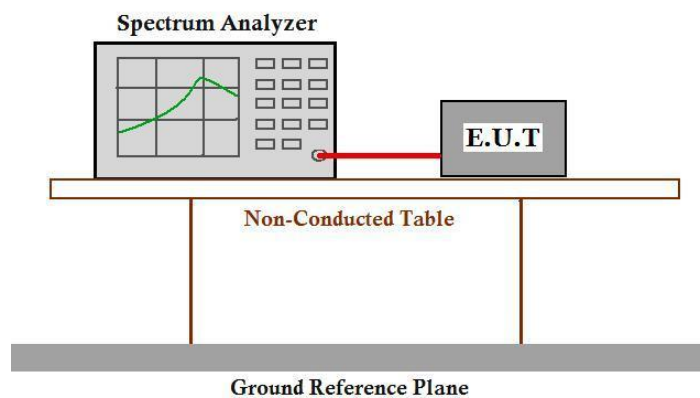
Pre-test under all modes; choose the worst case mode record on the report.

Test mode: 802.11b

Frequency (MHz)	Reading Level (dBμV/m)	Correct (dB/m)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Antenna polarization	Detector
Low Channel							
2310.000	32.14	6.54	38.68	74.00	-35.32	H	PK
2310.000	18.74	6.54	25.28	54.00	-28.72	H	AV
2390.000	32.64	6.61	39.25	74.00	-34.75	V	PK
2390.000	19.05	6.61	25.66	54.00	-28.34	V	AV
High Channel							
2483.500	33.26	6.70	39.96	74.00	-34.04	H	PK
2483.500	19.48	6.70	26.18	54.00	-27.82	H	AV
2500.000	32.67	6.72	39.39	74.00	-34.61	V	PK
2500.000	18.48	6.72	25.20	54.00	-28.80	V	AV

5.9 Band Edges Requirement

Test Requirement:	FCC Part 15 C section 15.247 (d) 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 30 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 conducted power limits.
Frequency Band:	2400 MHz to 2483.5 MHz
Test Method:	ANSI C63.10:2013
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



Test Procedure:

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer or power meter.
2. Set RBW=100 kHz, VBW=300 KHz, suitable frequency span including 1000 kHz bandwidth from band edge.
3. Measure the Conducted Spurious Emissions and Radiated Emissions of the test frequency with special test status.
4. Repeat until all the test status is investigated.
5. Report the worse.

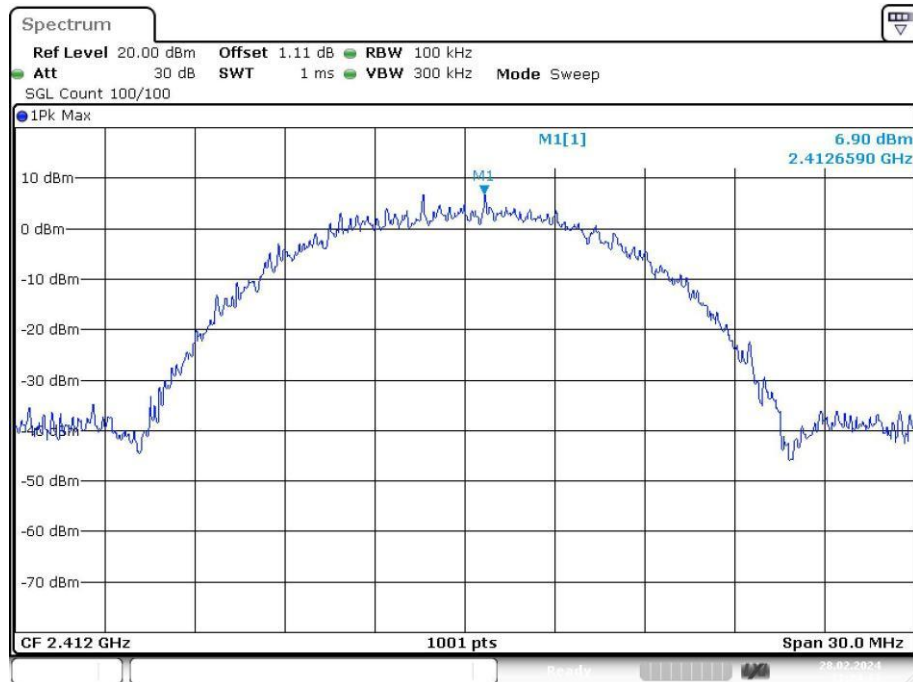
Test result with plots as follows:

The band edges was measured and recorded Result:

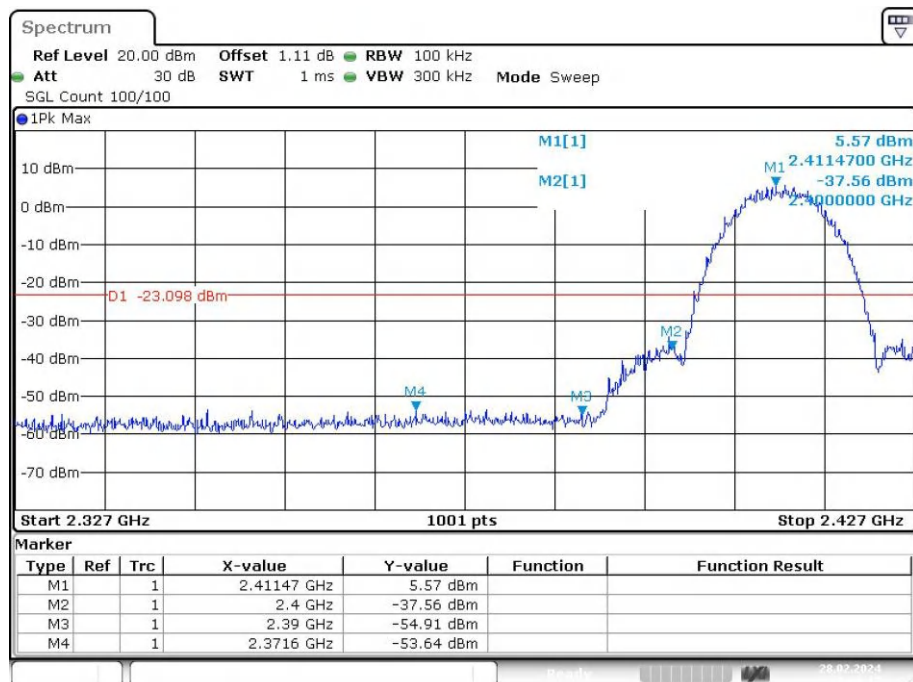
Result plot as follows:

802.11b

Channel 1: 2.412 GHz



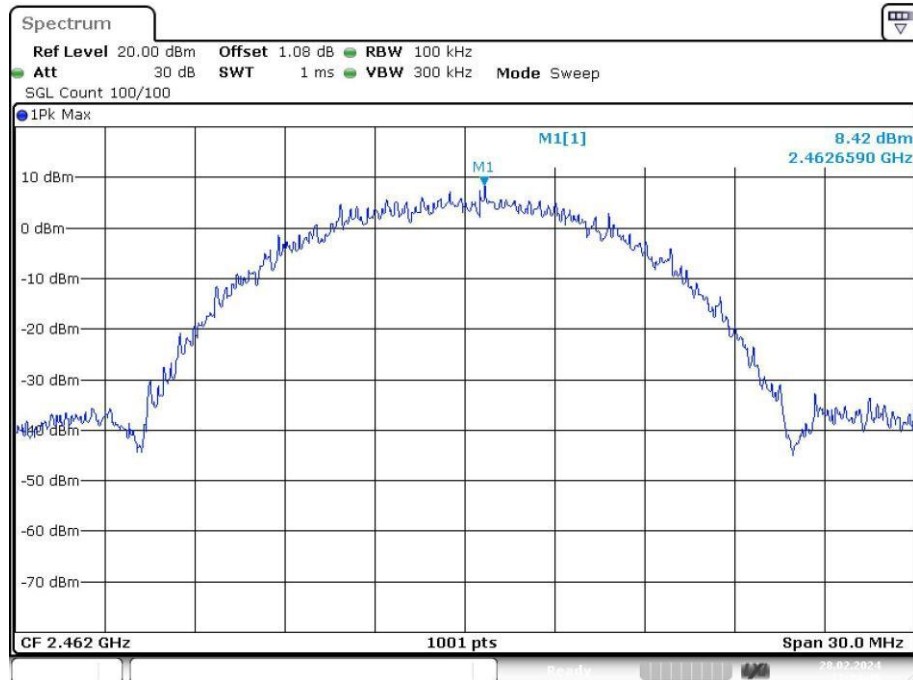
Date: 28.FEB.2024 11:24:13



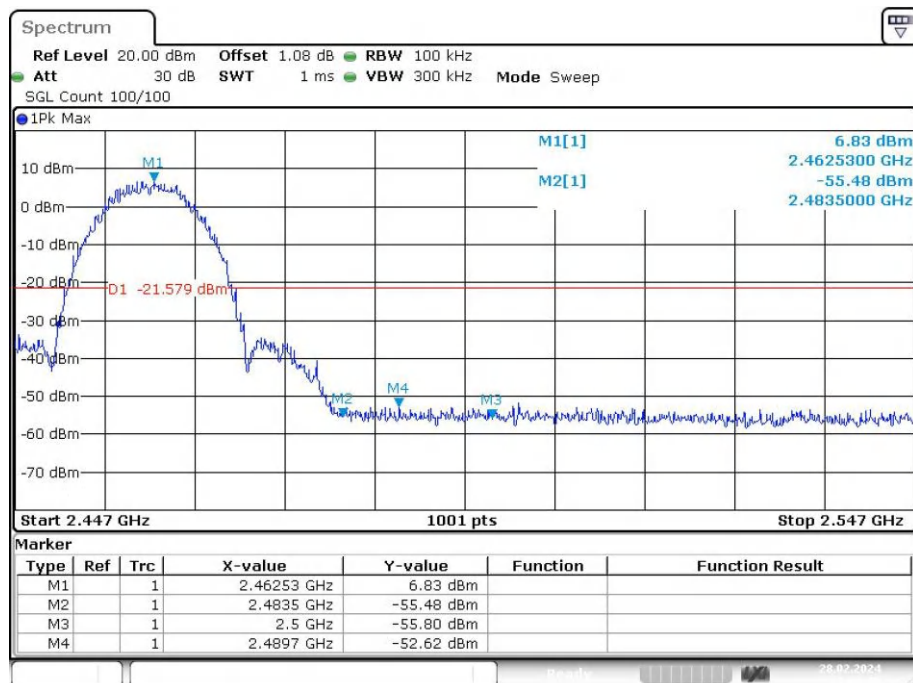
Date: 28.FEB.2024 11:24:17

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 11: 2.462 GHz



Date: 28.FEB.2024 11:24:46

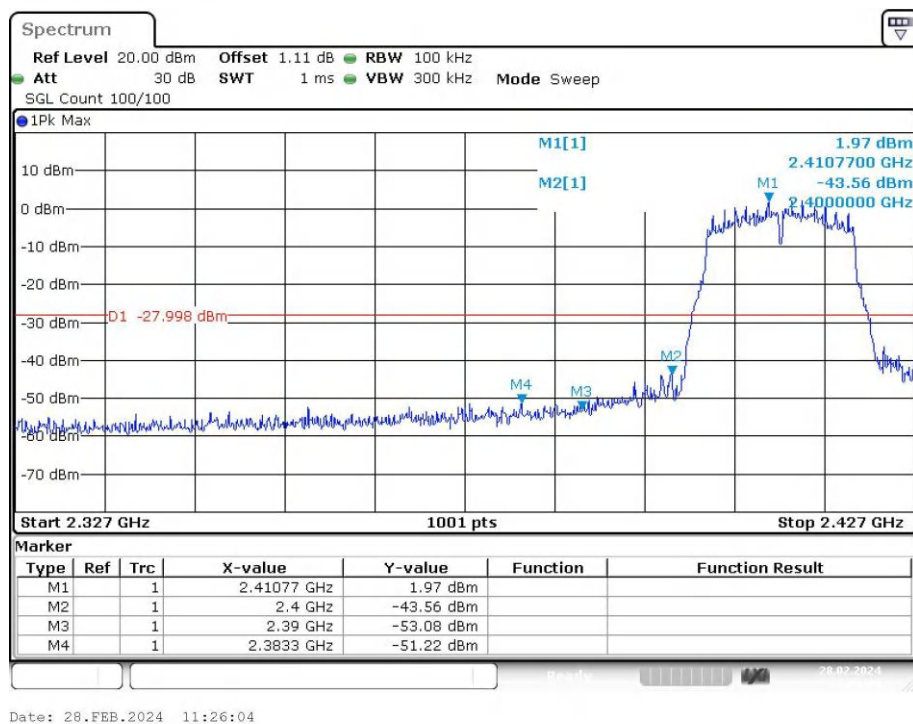
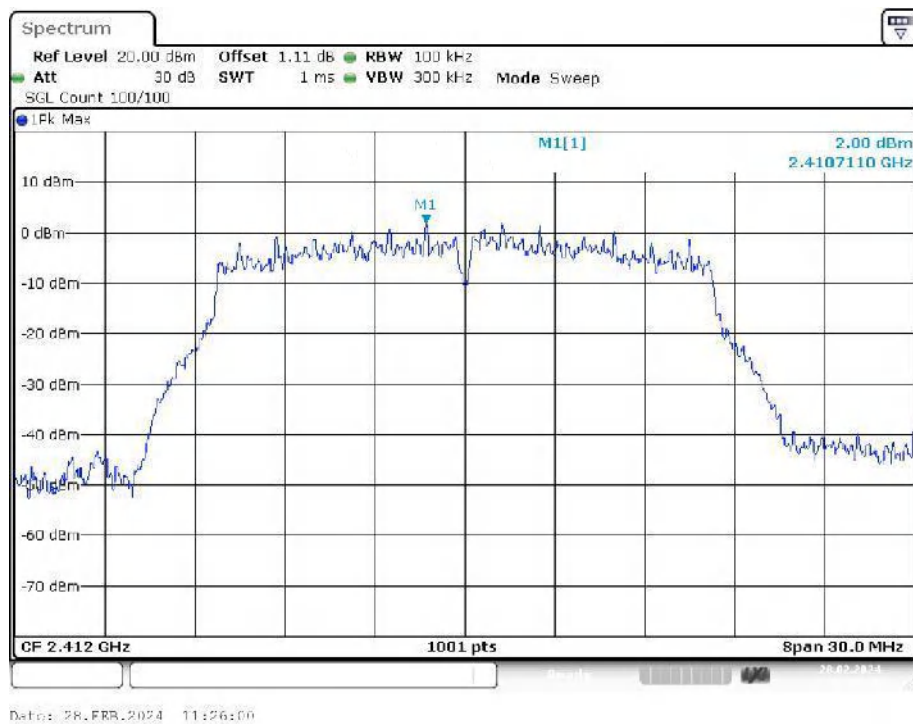


Date: 28.FEB.2024 11:24:49

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

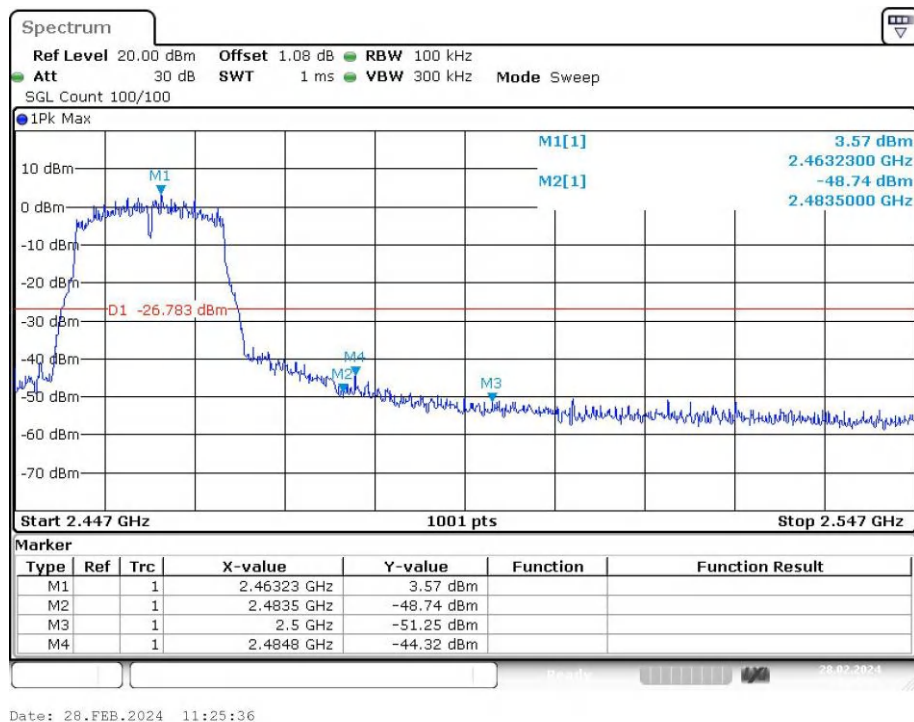
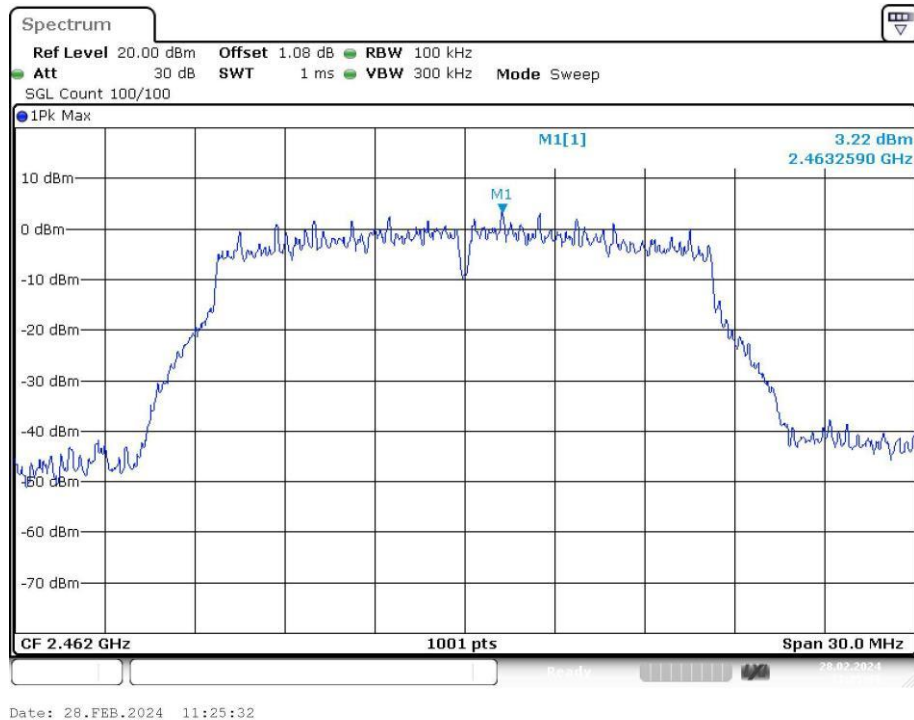
802.11g

Channel 1: 2.412 GHz



Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

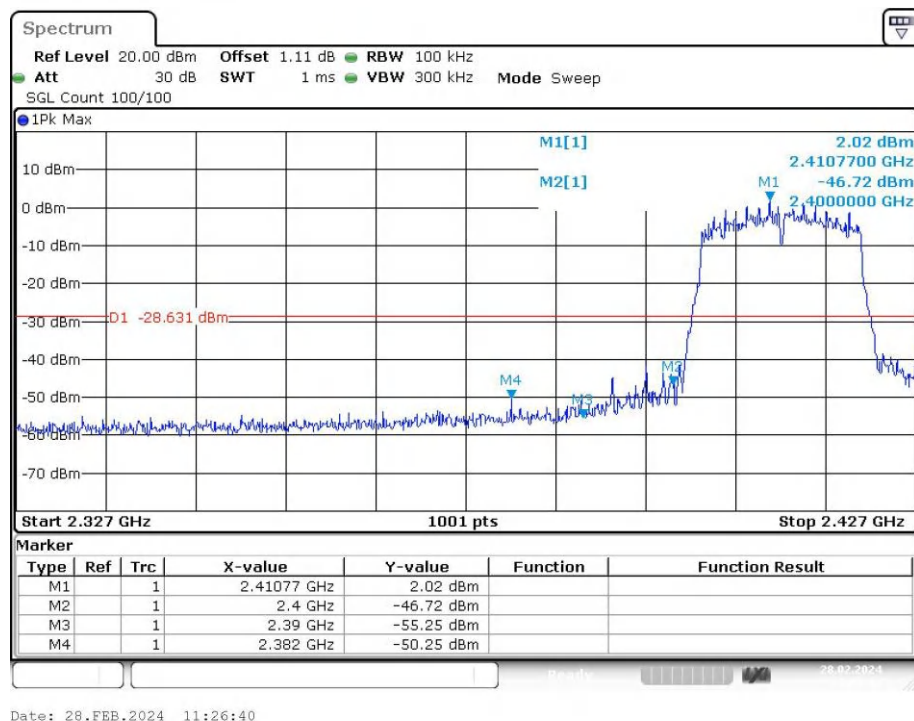
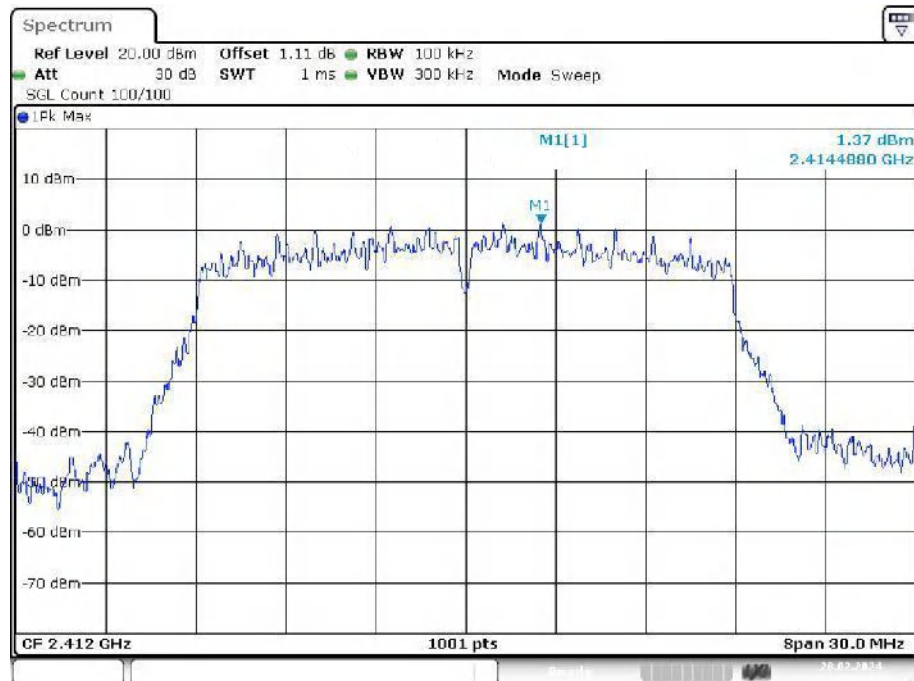
Channel 11: 2.462 GHz



Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

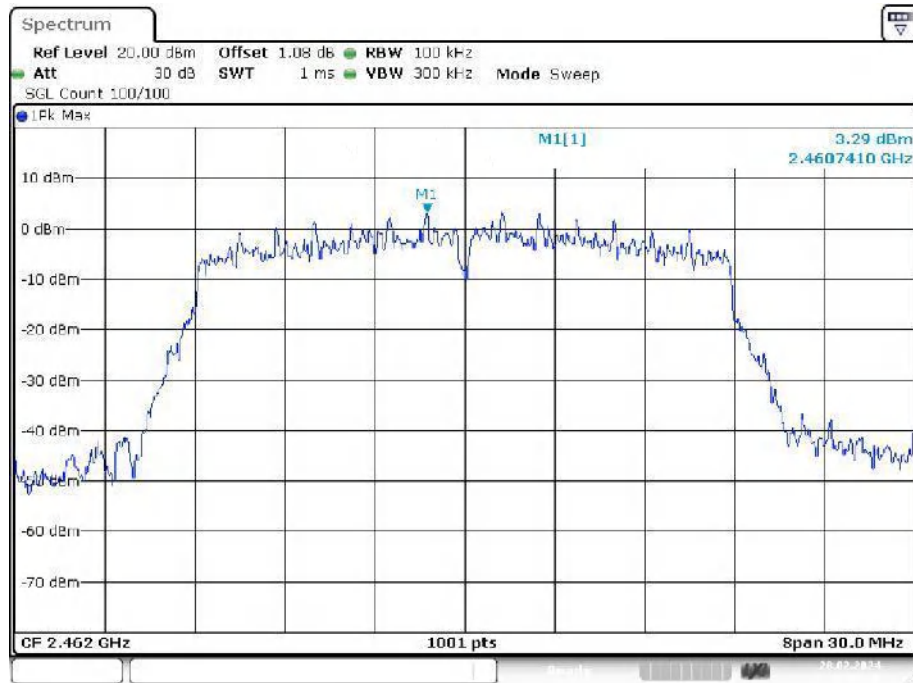
802.11n (HT20)

Channel 1: 2.412 GHz

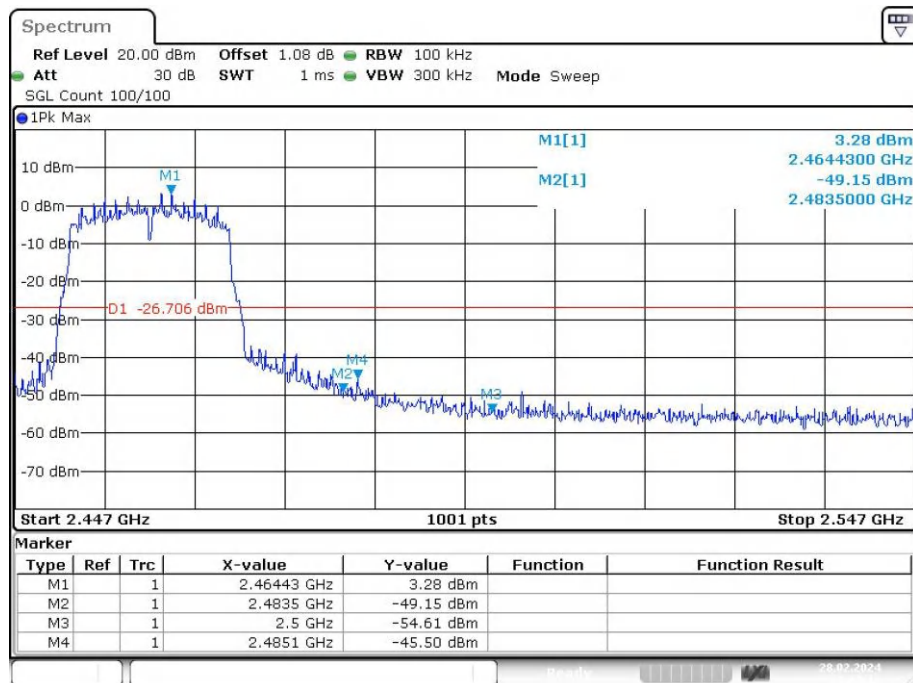


Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Channel 11: 2.462 GHz



Date: 28.FEB.2024 11:27:09



Date: 28.FEB.2024 11:27:12

Note: This line in the plots is a reference line for the 30dB down limit, not the limit.

Test result: The unit does meet the FCC requirements.

5.10 Conducted Emissions at Mains Terminals 150 kHz to 30 MHz

Test Requirement: FCC Part 15 C section 15.207

Test Voltage: 120V~ 60Hz

Test Method: ANSI C63.10:2013 Clause 6.2

Frequency Range: 150 kHz to 30 MHz

Detector: Peak for pre-scan (9 kHz Resolution Bandwidth)

Test Limit

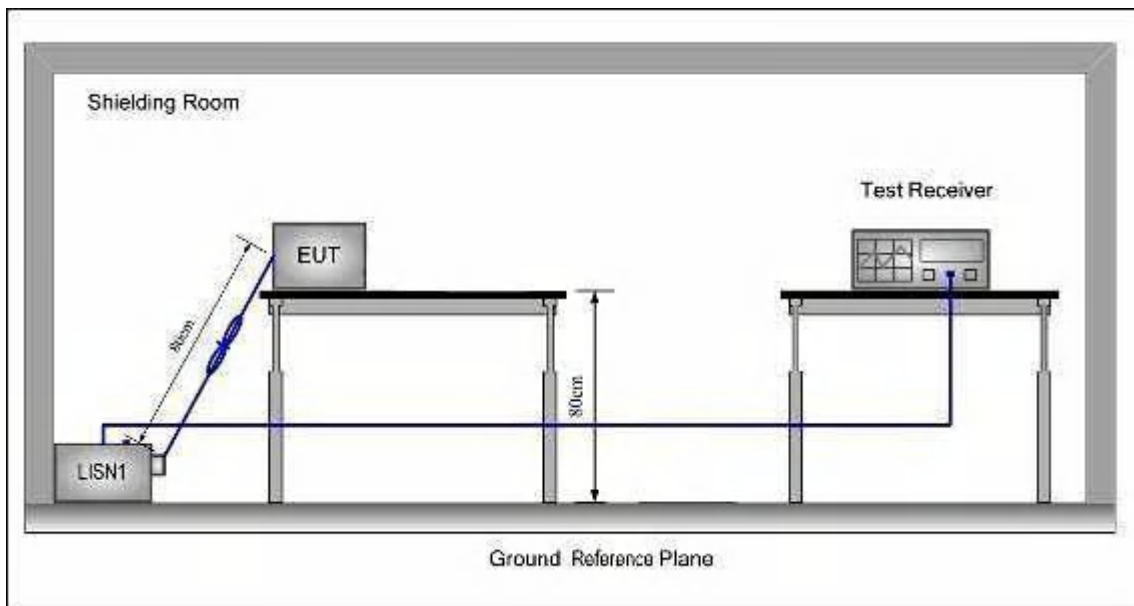
Limits for conducted disturbance at the mains ports of class B

Frequency Range	Class B Limit 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
NOTE 1 The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.		

EUT Operation:

Test in normal operating mode. For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage.

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, channels and antenna ports (if EUT with antenna diversity architecture).

Test Configuration:**Test procedure:**

1. The mains terminal disturbance voltage test was conducted in a shielded room.
2. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5.10.1 Measurement Data

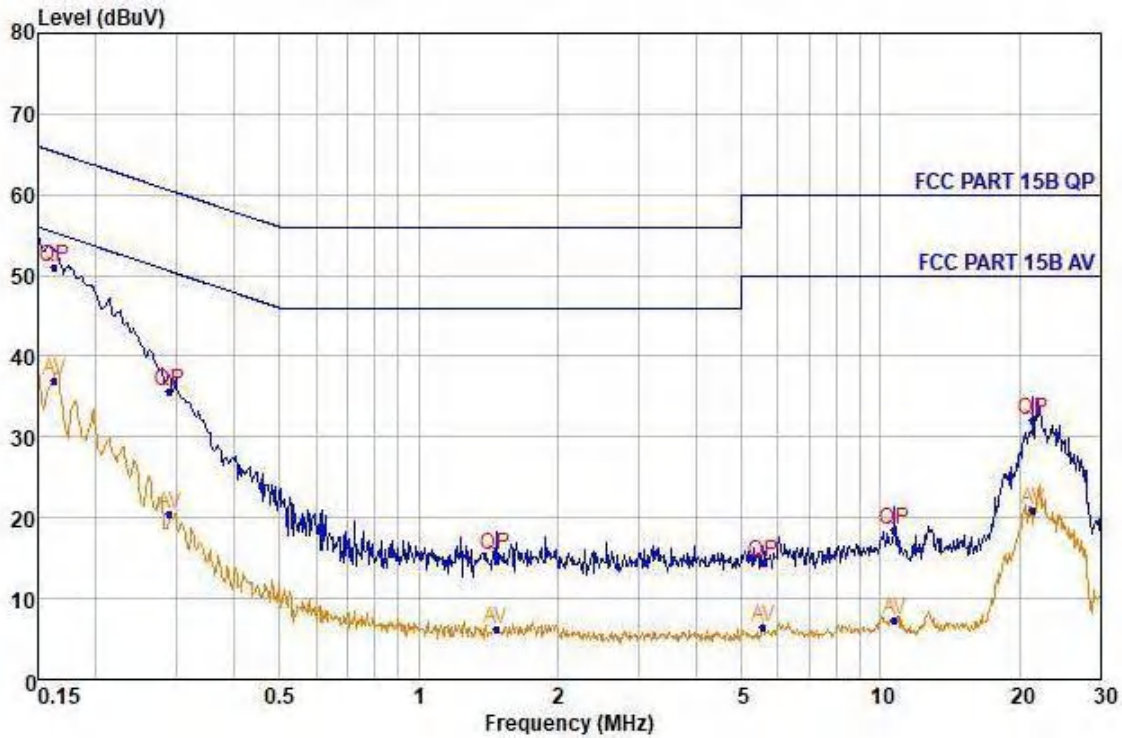
An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected. For EUT the communicating was worst case mode.

The following Quasi-Peak and Average measurements were performed on the EUT

Live Line:

Peak scan

Level (dB μ V)

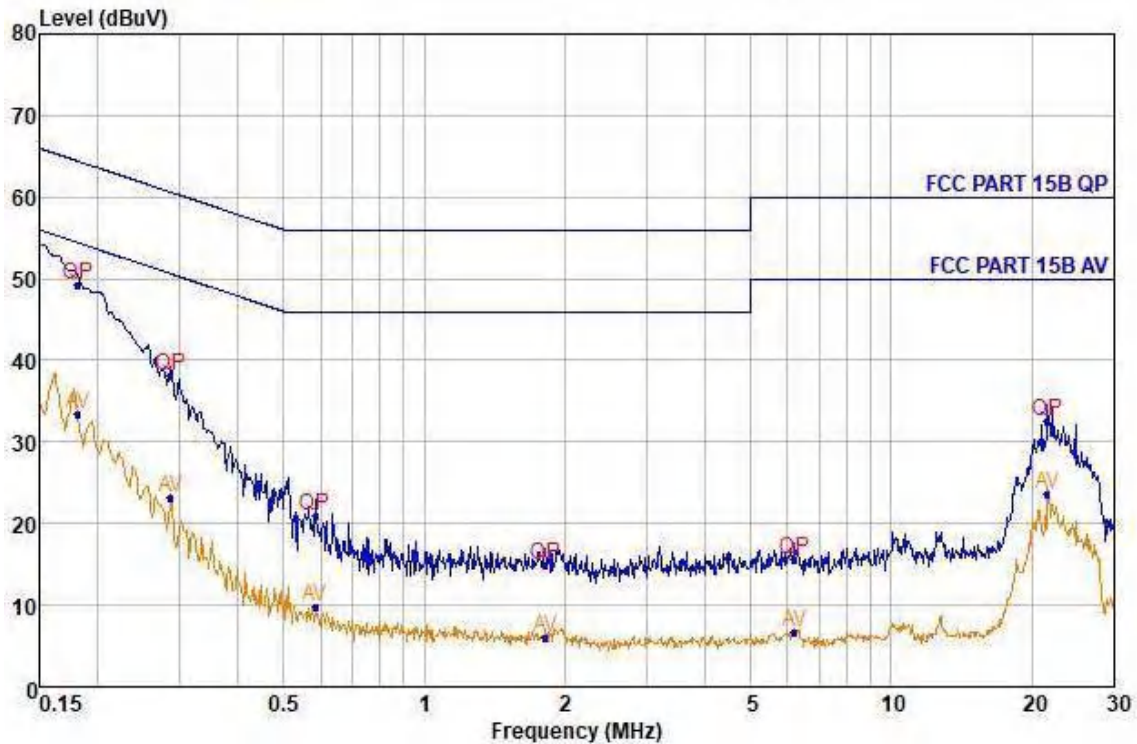
Quasi-peak and Average measurement

NO.	Freq MHz	Level dB μ V	Remark	LISN Factor dB	Cable Loss dB	Limit Line dB μ V	Margin dB
1	0.163	51.10	QP	9.69	0.20	65.30	-14.20
2	0.163	37.10	Average	9.69	0.20	55.30	-18.20
3	0.289	35.58	QP	9.67	0.21	60.51	-24.96
4	0.289	20.58	Average	9.67	0.21	50.51	-29.96
5	1.172	15.29	QP	9.66	0.33	56.00	-40.71
6	1.172	6.29	Average	9.66	0.33	46.00	-39.71
7	5.561	11.53	QP	9.63	0.40	60.00	-48.47
8	5.561	6.53	Average	9.63	0.40	50.00	-43.47
9	10.733	18.12	QP	9.66	0.41	60.00	-41.58
10	10.733	7.12	Average	9.66	0.41	50.00	-42.58
11	21.373	32.02	QP	9.68	0.18	60.00	-27.98
12	21.373	21.02	Average	9.68	0.18	50.00	-28.98

Level=Read Level + LISN Factor + Cable Loss

Neutral Line:

Peak scan

Level (dB μ V)

Quasi-peak and Average measurement

NO.	Freq MHz	Level dB μ V	Remark	LISN Factor dB	Cable Loss dB	Limit Line dB μ V	Margin dB
1	0.182	19.34	QP	9.66	0.21	64.42	-15.08
2	0.182	33.34	Average	9.66	0.21	54.42	-21.08
3	0.286	38.13	QP	9.65	0.21	60.63	-22.50
4	0.286	23.13	Average	9.65	0.21	50.63	-27.50
5	0.585	20.87	QP	9.65	0.28	56.00	-35.13
6	0.585	9.87	Average	9.65	0.28	46.00	-36.13
7	1.819	14.96	QP	9.62	0.34	56.00	-41.04
8	1.819	5.96	Average	9.62	0.34	46.00	-40.04
9	6.219	15.67	QP	9.62	0.41	60.00	-44.33
10	6.219	6.67	Average	9.62	0.41	50.00	-43.33
11	21.600	32.62	QP	9.62	0.48	60.00	-27.38
12	21.600	23.62	Average	9.62	0.48	50.00	-26.38

Level=Read Level + LISN Factor + Cable Loss**-- End of test report --**