

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

DJI Neo

MODEL NUMBER: DN1A0626

REPORT NUMBER: 4791309859-RF-1

ISSUE DATE: May 28, 2024

FCC ID: SS3-DN1A062624

Prepared for

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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	May 28, 2024	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
Antenna Requirement	/	FCC Part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2	FCC Part 15.207	Pass
Conducted Output Power	ANSI C63.10-2013, Clause 11.9.2.3.1	FCC Part 15.247 (b)(3)	Pass
6dB Bandwidth and 99% Occupied Bandwidth	ANSI C63.10-2013, Clause 11.8.1	FCC Part 15.247 (a)(2)	Pass
Power Spectral Density	ANSI C63.10-2013, Clause 11.10.5	FCC Part 15.247 (e)	Pass
Conducted Band edge and spurious emission	ANSI C63.10-2013, Clause 11.11	FCC Part 15.247(d)	Pass
Radiated Band edge and Spurious Emission	ANSI C63.10-2013, Clause 11.12 & Clause 11.13	FCC Part 15.247 (d) FCC Part 15.205/15.209	Pass
Duty Cycle	ANSI C63.10-2013, Clause 11.6	None; for reporting purposes only.	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART C > when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: SZ DJI TECHNOLOGY CO., LTD
Address: Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China.

Manufacturer Information

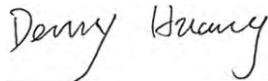
Company Name: SZ DJI TECHNOLOGY CO., LTD
Address: Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China.

EUT Information

EUT Name: DJI Neo
Model: DN1A0626
Brand Name: DJI
Sample Received Date: May 9, 2024
Sample ID: 7195485
Date of Tested: May 10, 2024 to May 24, 2024

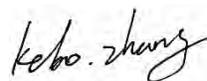
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART C	Pass

Prepared By:



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Senior Project Engineer

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2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, CFR 47 FCC Part 2, ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155</p>
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Note 1:

All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.

Note 2:

The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:

For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

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

4.2. MEASUREMENT UNCERTAINTY

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

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Duty Cycle	±0.028%
DTS and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.686 dB
Maximum Power Spectral Density Level	±0.743 dB
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	DJI Neo
Model	DN1A0626

Frequency Range:	2412 MHz to 2462 MHz
Type of Modulation:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Radio Technology:	IEEE802.11b/g/n HT20/n HT40
Battery	DC 7.3 V
Power Supply	DC 5 V

5.2. CHANNEL LIST

Channel List For Bandwidth=20 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	4	2427	7	2442	10	2457
2	2417	5	2432	8	2447	11	2462
3	2422	6	2437	9	2452	/	/

Channel List For Bandwidth=40 MHz							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	2422	5	2432	7	2442	9	2452
4	2427	6	2437	8	2447	/	/

5.3. MAXIMUM POWER

IEEE Std. 802.11	Frequency (MHz)	Channel Number	Maximum Conducted AVG Output Power (dBm)
b	2412 ~ 2462	1-11[11]	16.25
g	2412 ~ 2462	1-11[11]	15.44
n HT20	2412 ~ 2462	1-11[11]	15.66
n HT40	2422 ~ 2452	3-9[7]	13.54

5.4. TEST CHANNEL CONFIGURATION

IEEE Std. 802.11	Test Channel Number	Frequency
b	CH 1(Low Channel), CH2, CH 6(MID Channel), CH10, CH 11(High Channel)	2412 MHz, 2417 MHz, 2437 MHz, 2457 MHz, 2462 MHz
g	CH 1(Low Channel), CH2, CH 6(MID Channel), CH10, CH 11(High Channel)	2412 MHz, 2417 MHz, 2437 MHz, 2457 MHz, 2462 MHz
n HT20	CH 1(Low Channel), CH2, CH 6(MID Channel), CH10, CH 11(High Channel)	2412 MHz, 2417 MHz, 2437 MHz, 2457 MHz, 2462 MHz
n HT40	CH 3(Low Channel), CH4, CH 6(MID Channel), CH8, CH 9(High Channel)	2422 MHz, 2427 MHz, 2437 MHz, 2447 MHz, 2452 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 2400 ~ 2483.5MHz Band											
Test Software		DjiSdrConsole									
Modulation Mode	Transmit Antenna Number	Test Channel									
		NCB: 20MHz					NCB: 40MHz				
		CH 1	CH 2	CH 6	CH 10	CH 11	CH 3	CH 4	CH 6	CH 8	CH 9
802.11b	1	16	16	16	16	16	/				
802.11g	1	12	14	15	15	15					
802.11n HT20	1	12	14	15	15	15					
802.11n HT40	1	/					12	14	15	14	12

5.6. WORST-CASE CONFIGURATIONS

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

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

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

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

802.11b mode: 1 Mbps
 802.11g mode: 6 Mbps
 802.11n HT20 mode: MCS0
 802.11n HT40 mode: MCS0

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

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)
1	2412-2462	FPC	1.87

Test Mode	Transmit and Receive Mode	Description
IEEE 802.11b	<input checked="" type="checkbox"/> 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
IEEE 802.11g	<input checked="" type="checkbox"/> 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT20	<input checked="" type="checkbox"/> 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
IEEE 802.11n HT40	<input checked="" type="checkbox"/> 1TX, 1RX	Antenna 1 can be used as transmitting/receiving antenna.
Note: 1. The value of the antenna gain was declared by customer. 2. Only SRD 2.4 GHz and 5 GHz WiFi can transmit simultaneously.		

5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	Lenovo	E42-80	/
2	Adapter Power	DJI	PD-65CN	Input: AC 100 ~ 240 V, 50/60 Hz, 2.0 A Output: DC 5 V, 5 A

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	Type C	Unshielded	1.0	/

ACCESSORIES

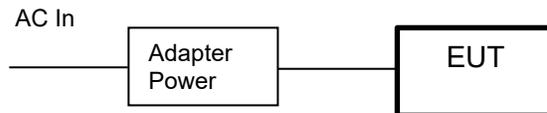
Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

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

SETUP DIAGRAM FOR TESTS

For AC Power Line Conducted Emission Test:



For Others Test:



6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Mar.25,2024	Mar.24,2025
Vector Signal Generator	R&S	SMBV100A	261637	Oct.12, 2023	Oct.11, 2024
Signal Generator	R&S	SMB100A	178553	Oct.12, 2023	Oct.11, 2024
Signal Analyzer	R&S	FSV40	101118	Oct.12, 2023	Oct.11, 2024
Software					
Description	Manufacturer	Name		Version	
For R&S TS 8997 Test System	Rohde & Schwarz	EMC 32		10.60.10	
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Oct.12, 2023	Oct.11, 2024
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Oct.12, 2023	Oct.11, 2024
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Oct.12, 2023	Oct.11, 2024
Attenuator	Aglient	8495B	2814a12853	Oct.12, 2023	Oct.11, 2024
RF Control Unit	Tonscend	JS0806-2	23B80620666	Mar.25,2024	Mar.24,2025
Software					
Description	Manufacturer	Name		Version	
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System		V3.2.22	

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Oct.13, 2023	Oct.12, 2024
Two-Line V-Network	R&S	ENV216	101983	Oct.13, 2023	Oct.12, 2024
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Oct.13, 2023	Oct.12, 2024
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Oct.12, 2023	Oct.11, 2024
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Aug.02, 2021	Aug.01, 2024
Preamplifier	HP	8447D	2944A09099	Oct.12, 2023	Oct.11, 2024
EMI Measurement Receiver	R&S	ESR26	101377	Oct.12, 2023	Oct.11, 2024
Horn Antenna	TDK	HRN-0118	130940	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.12, 2023	Oct.11, 2024
Horn Antenna	Schwarzbeck	BBHA9170	697	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.12, 2023	Oct.11, 2024
Preamplifier	TDK	PA-02-3	TRS-308-00002	Oct.12, 2023	Oct.11, 2024
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Oct.12, 2023	Oct.11, 2024
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Oct.12, 2023	Oct.11, 2024
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	Oct.12, 2023	Oct.11, 2024
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

7. ANTENNA PORT TEST RESULTS

7.1. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(b)(3)	AVG Output Power	1 watt or 30 dBm	2400-2483.5

TEST PROCEDURE

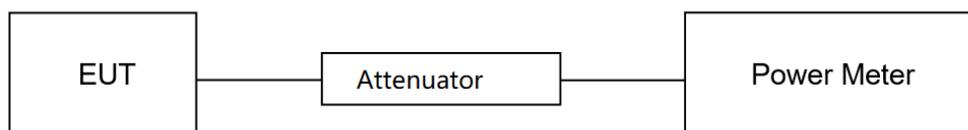
Refer to ANSI C63.10-2013 clause 11.9.2.3.1.

Connect the EUT to a low loss RF cable from the antenna port to the power sensor (video bandwidth is greater than the occupied bandwidth).

Measure peak emission level, the indicated level is the average output power, after any corrections for external attenuators and cables.

The test result in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	57.1%
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix C

7.2. 6DB BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.247(a)(2)	6 dB Bandwidth	≥ 500 kHz	2400-2483.5

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.8 for DTS bandwidth and clause 6.9 for Occupied Bandwidth.

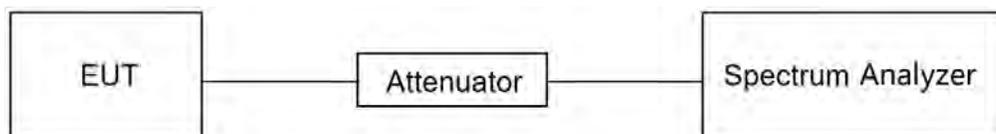
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	For 6 dB Bandwidth: Enough to capture all products of the modulation carrier emission For 99 % Occupied Bandwidth: Between 1.5 times and 5.0 times the OBW
Detector	Peak
RBW	For 6 dB Bandwidth: 100 kHz For 99 % Occupied Bandwidth: 1 % to 5 % of the occupied bandwidth
VBW	For 6 dB Bandwidth: $\geq 3 \times \text{RBW}$ For 99 % Occupied Bandwidth: $\geq 3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto couple

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	57.1%
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix A&B

7.3. POWER SPECTRAL DENSITY

LIMITS

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

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.10.5.

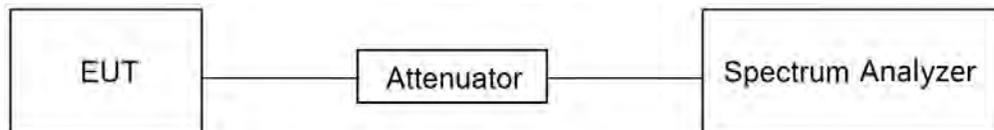
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	power averaging (rms)
RBW	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x OBW bandwidth
Trace	Employ trace averaging(rms)mode over a minimum of 100 traces
Sweep time	Auto couple

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	57.1%
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

LIMITS

CFR 47 FCC Part15 (15.247) Subpart C		
Section	Test Item	Limit
CFR 47 FCC §15.247 (d)	Conducted Bandedge and Spurious Emissions	at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.11 and 11.13.

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

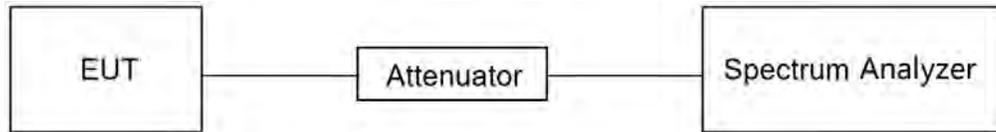
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

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

Change the settings for emission level measurement:

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

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

TEST SETUP**TEST ENVIRONMENT**

Temperature	25.5 °C	Relative Humidity	57.1%
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix E&F

7.5. DUTY CYCLE

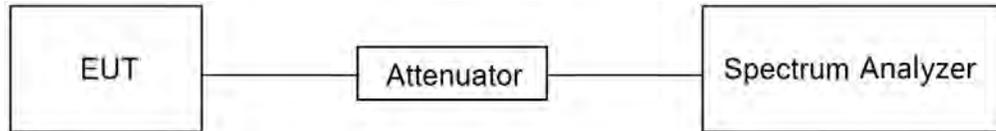
LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 11.6 Zero – Span Spectrum Analyzer method.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	57.1%
Atmosphere Pressure	101 kPa	Test Voltage	DC 7.3 V

TEST RESULTS

Please refer to section "Test Data" - Appendix G

8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

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

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

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

²Above 38.6c

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz

The setting of the spectrum analyzer

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.5. ON TIME AND DUTY CYCLE.

For Restricted Bandedge:

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (9 kHz ~ 30 MHz):

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. All modes have been tested, but only the worst data was recorded in the report.
5. $\text{dBuA/m} = \text{dBuV/m} - 20\text{Log}_{10}[120\pi] = \text{dBuV/m} - 51.5$

For Radiate Spurious Emission (30 MHz ~ 1 GHz):

Note:

1. Result Level = Read Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (1 GHz ~ 3 GHz):

Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (3 GHz ~ 18 GHz):

Note:

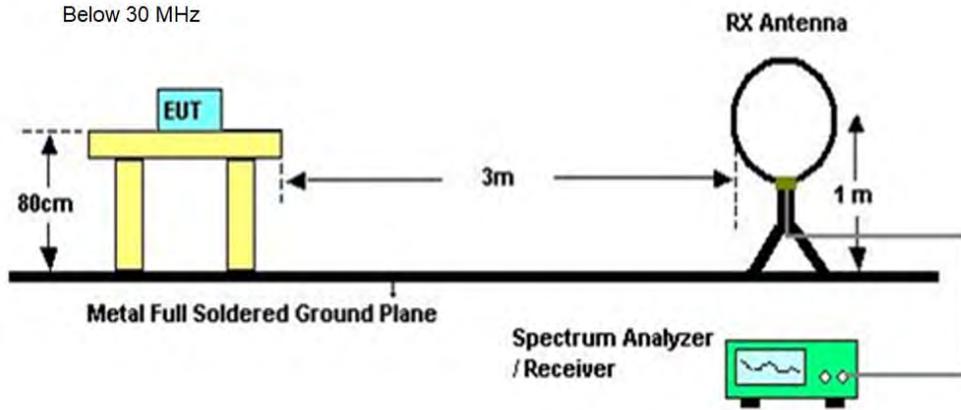
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: $VBW=1/Ton$, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.5.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (18 GHz ~ 26 GHz):

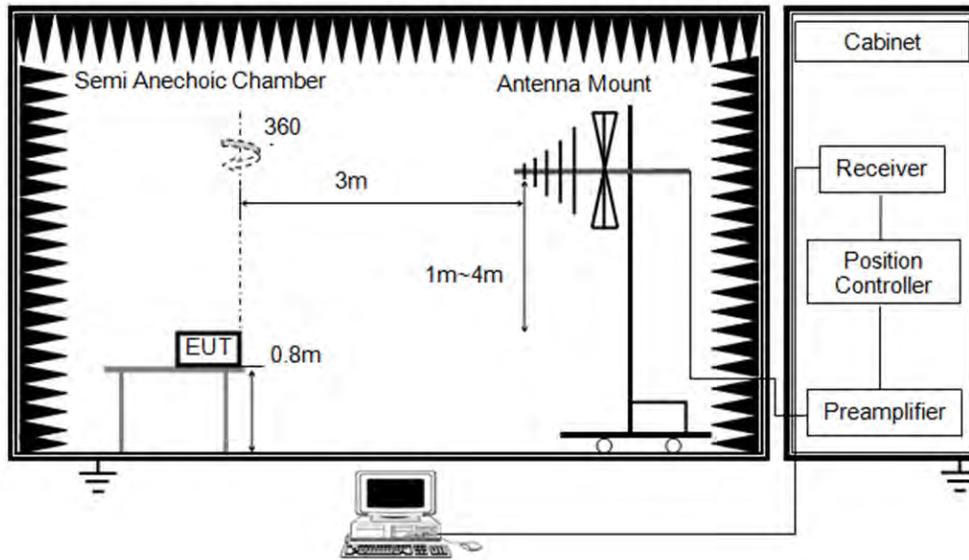
Note:

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

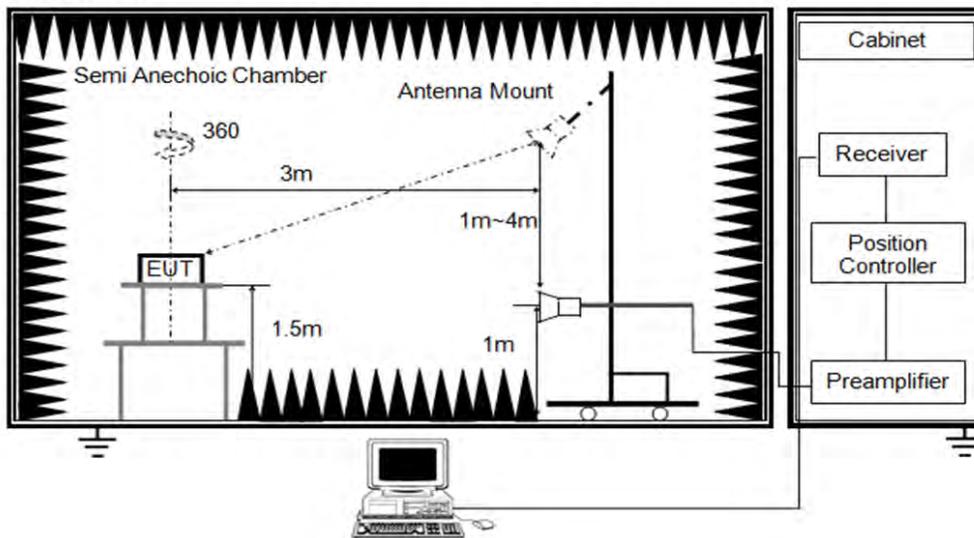
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1 GHz



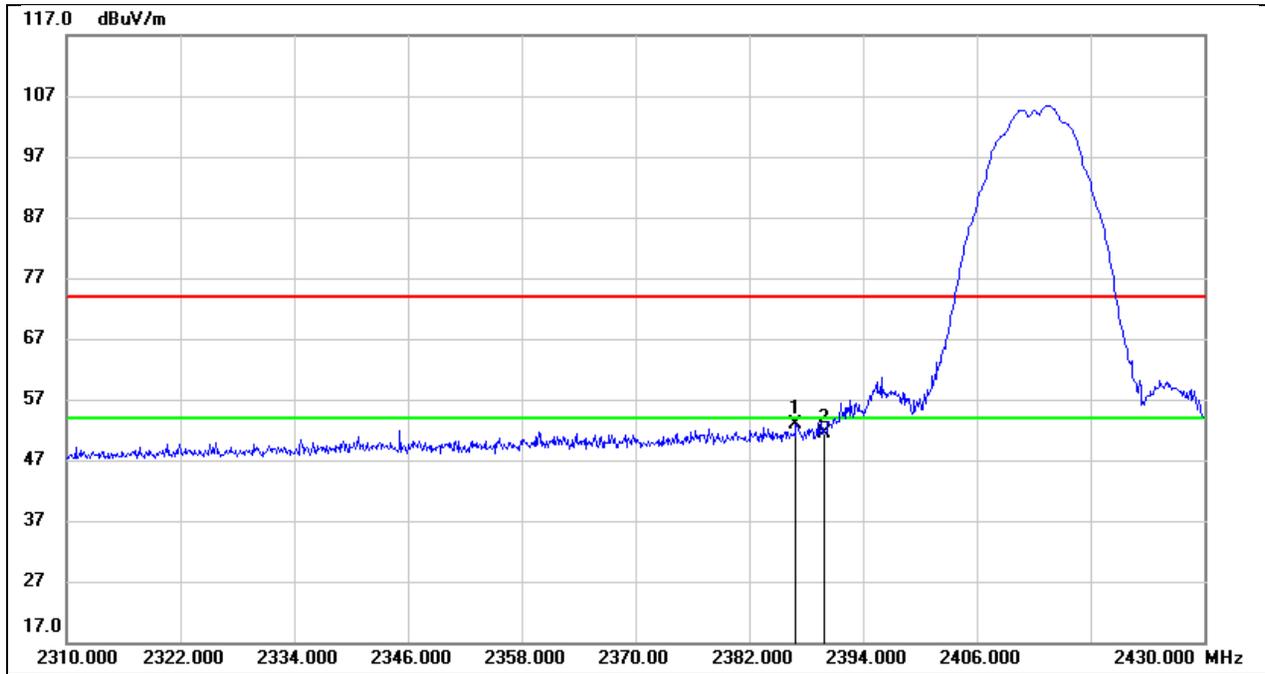
TEST ENVIRONMENT

Temperature	25.5°C	Relative Humidity	50.5%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.3 V

TEST RESULTS

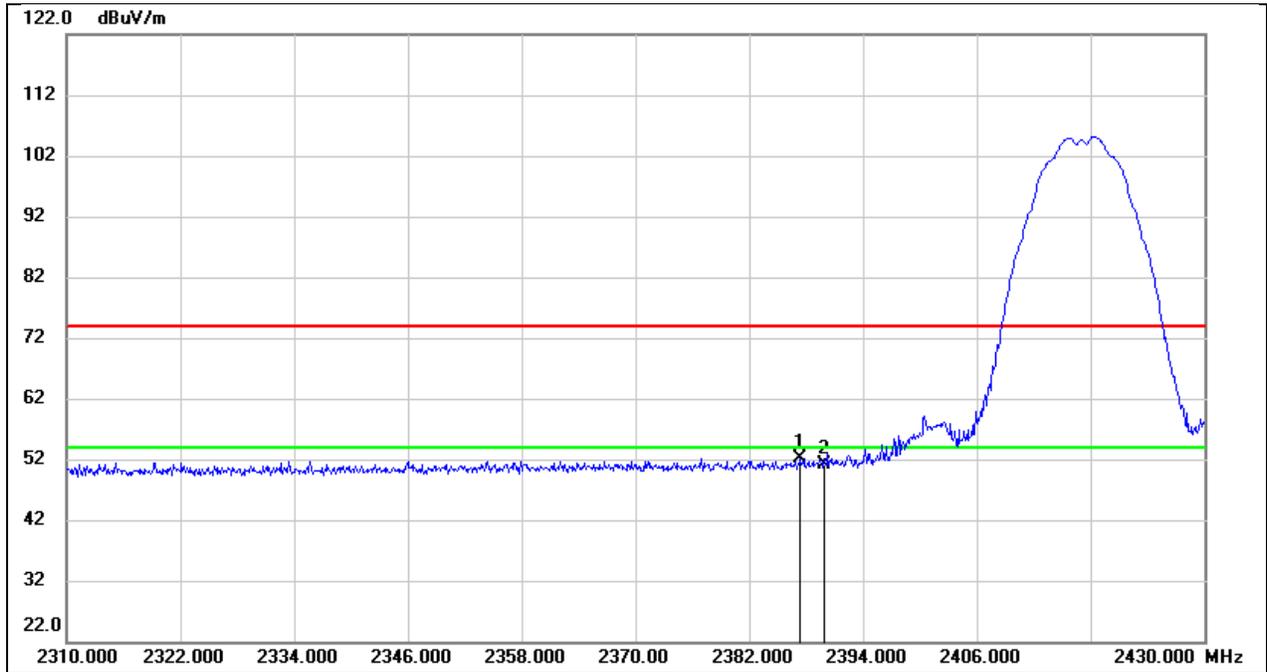
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11b PK	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



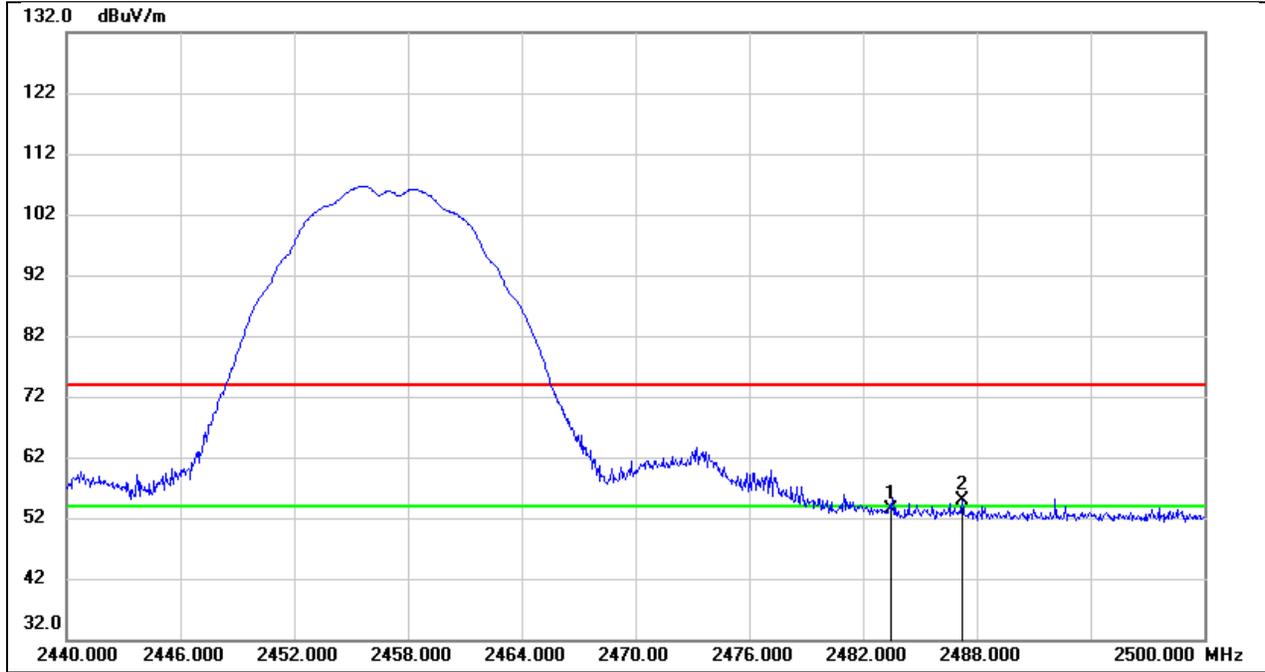
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2386.920	19.95	32.91	52.86	74.00	-21.14	peak
2	2390.000	18.35	32.92	51.27	74.00	-22.73	peak

Test Mode:	802.11b PK	Frequency(MHz):	2417
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



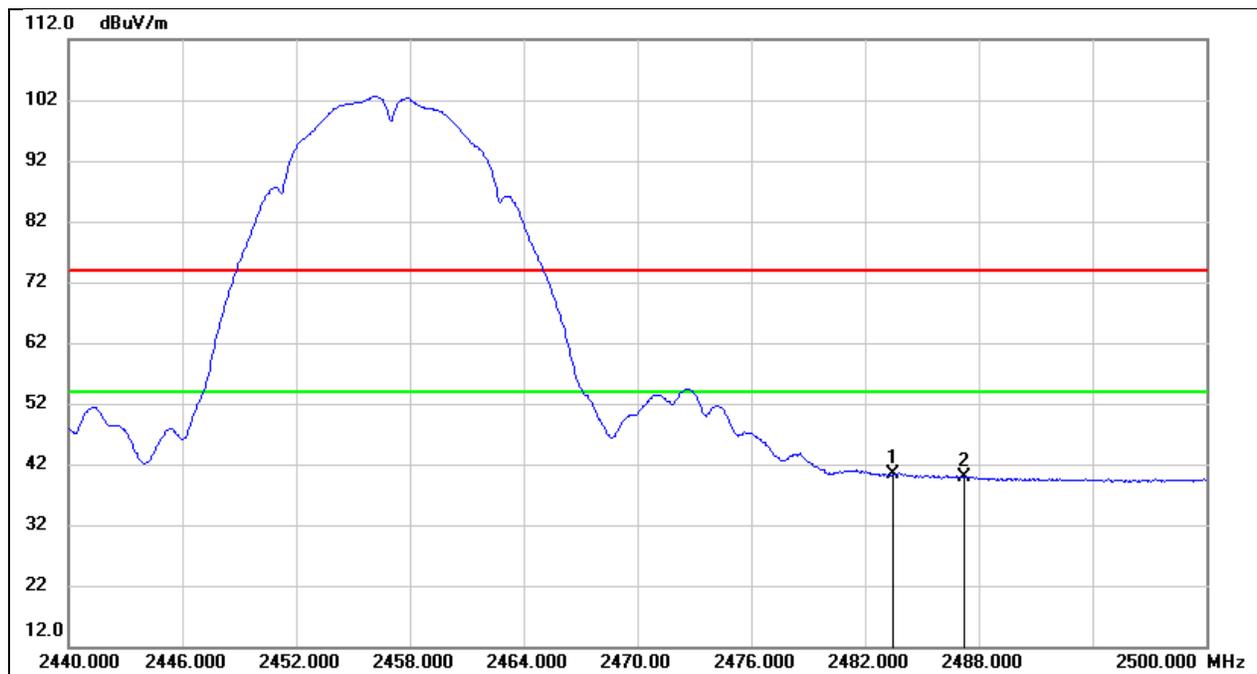
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.400	19.29	32.91	52.20	74.00	-21.80	peak
2	2390.000	18.28	32.92	51.20	74.00	-22.80	peak

Test Mode:	802.11b PK	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



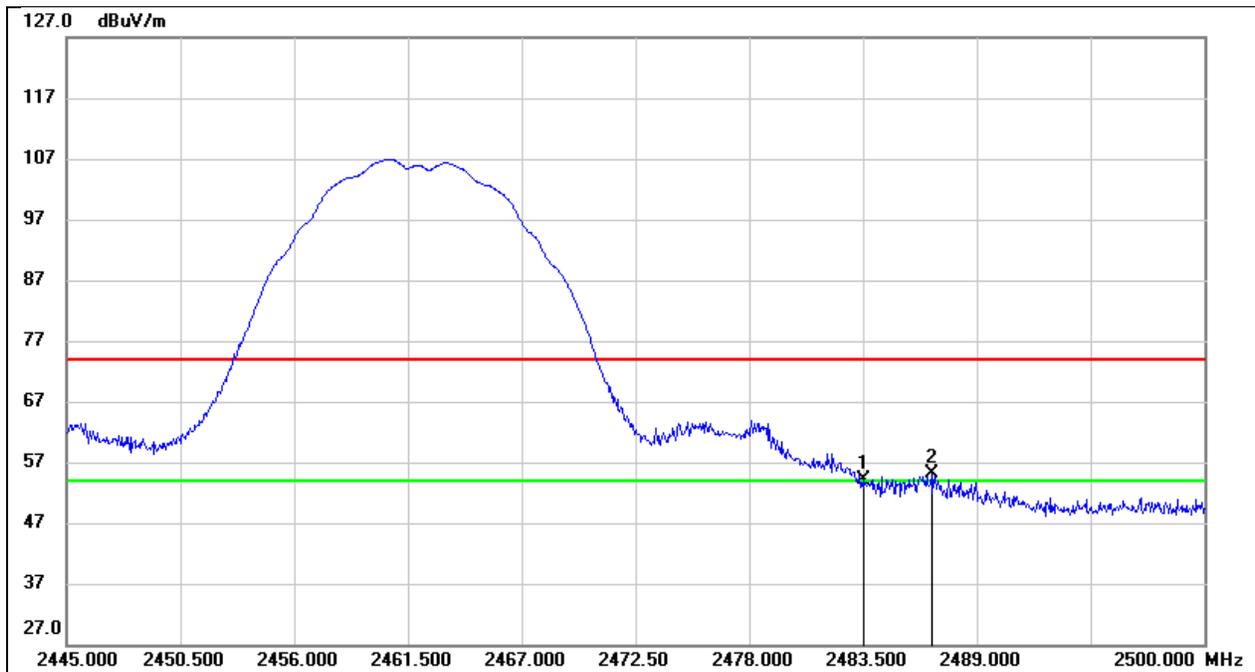
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	20.36	32.94	53.30	74.00	-20.70	peak
2	2487.220	22.05	32.94	54.99	74.00	-19.01	peak

Test Mode:	802.11b AV	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



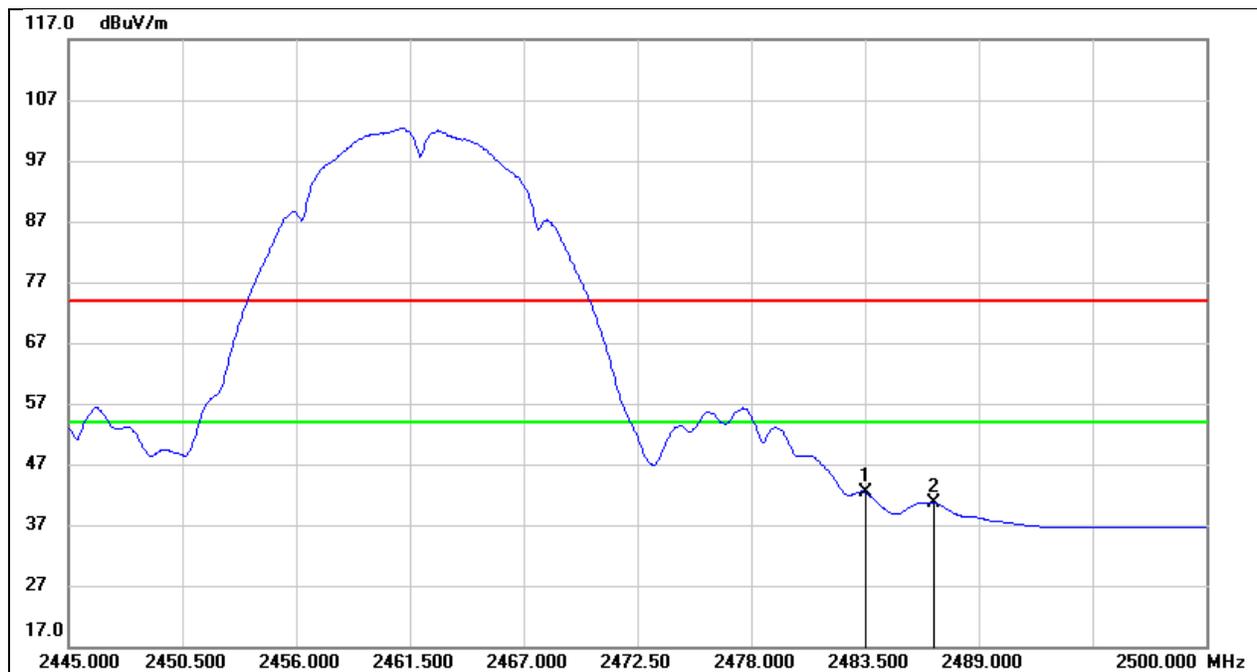
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	7.41	32.94	40.35	54.00	-13.65	AVG
2	2487.220	6.86	32.94	39.80	54.00	-14.20	AVG

Test Mode:	802.11b PK	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



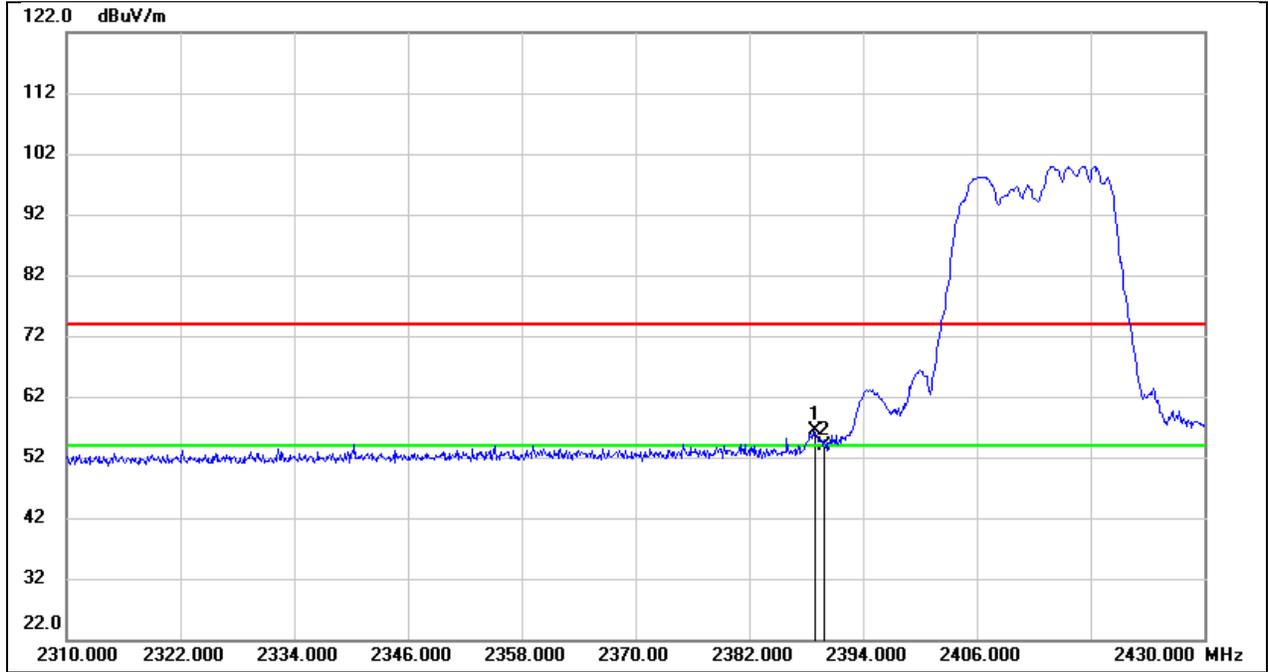
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	21.18	32.94	54.12	74.00	-19.88	peak
2	2486.800	22.21	32.94	55.15	74.00	-18.85	peak

Test Mode:	802.11b AV	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



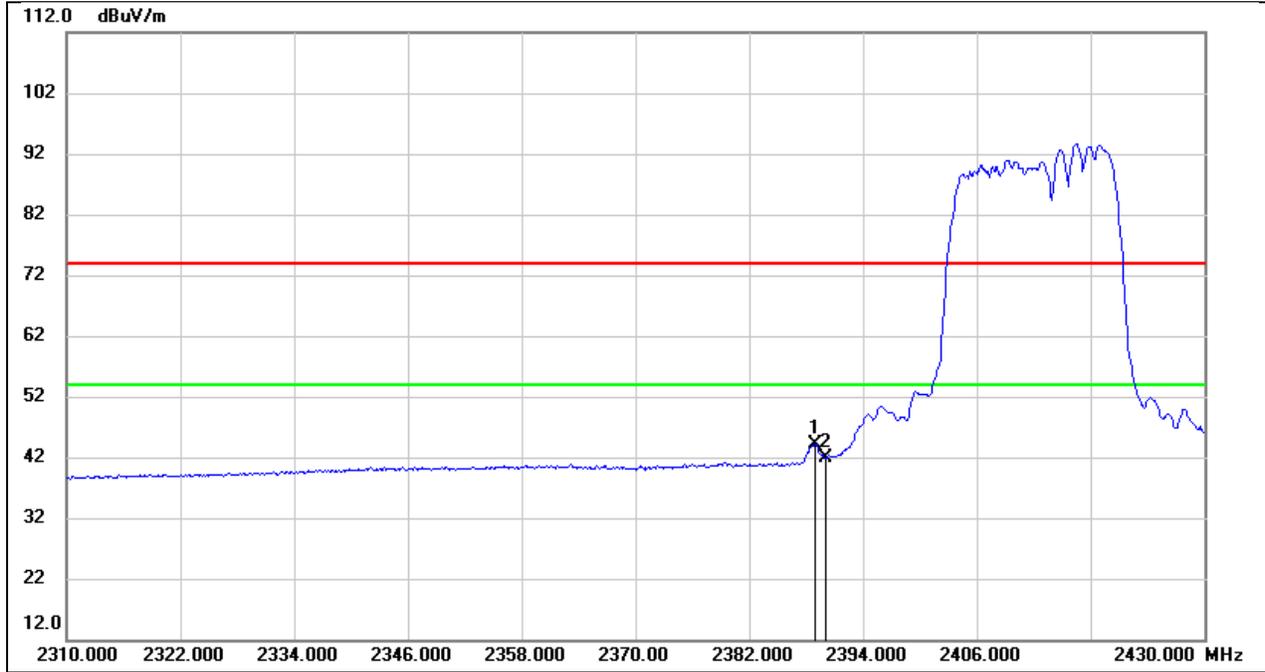
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	9.47	32.94	42.41	54.00	-11.59	AVG
2	2486.800	7.62	32.94	40.56	54.00	-13.44	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



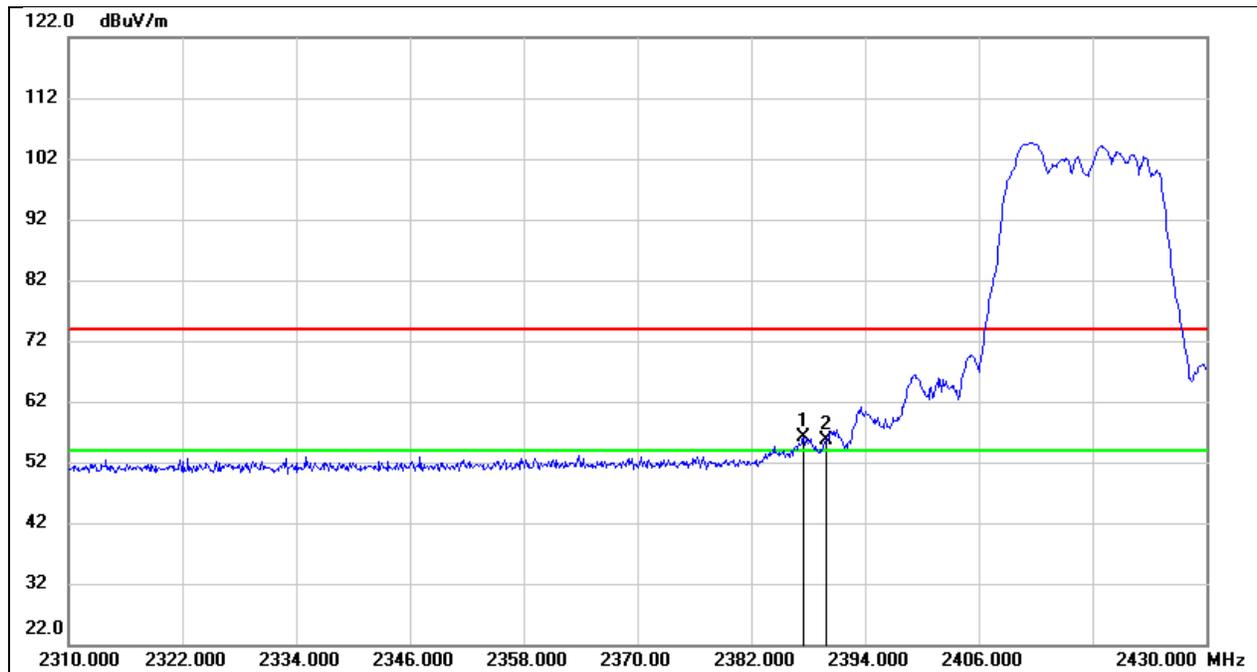
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.960	23.51	32.92	56.43	74.00	-17.57	peak
2	2390.000	21.06	32.92	53.98	74.00	-20.02	peak

Test Mode:	802.11g AV	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



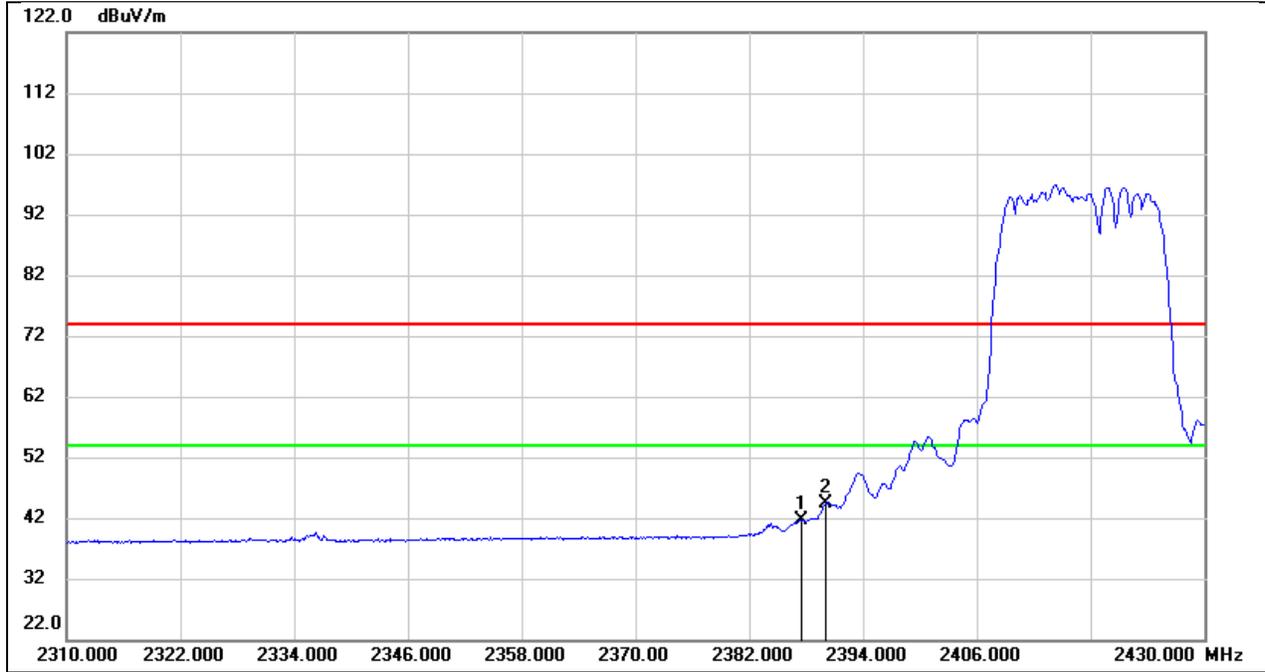
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.960	11.14	32.92	44.06	54.00	-9.94	AVG
2	2390.000	8.89	32.92	41.81	54.00	-12.19	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2417
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



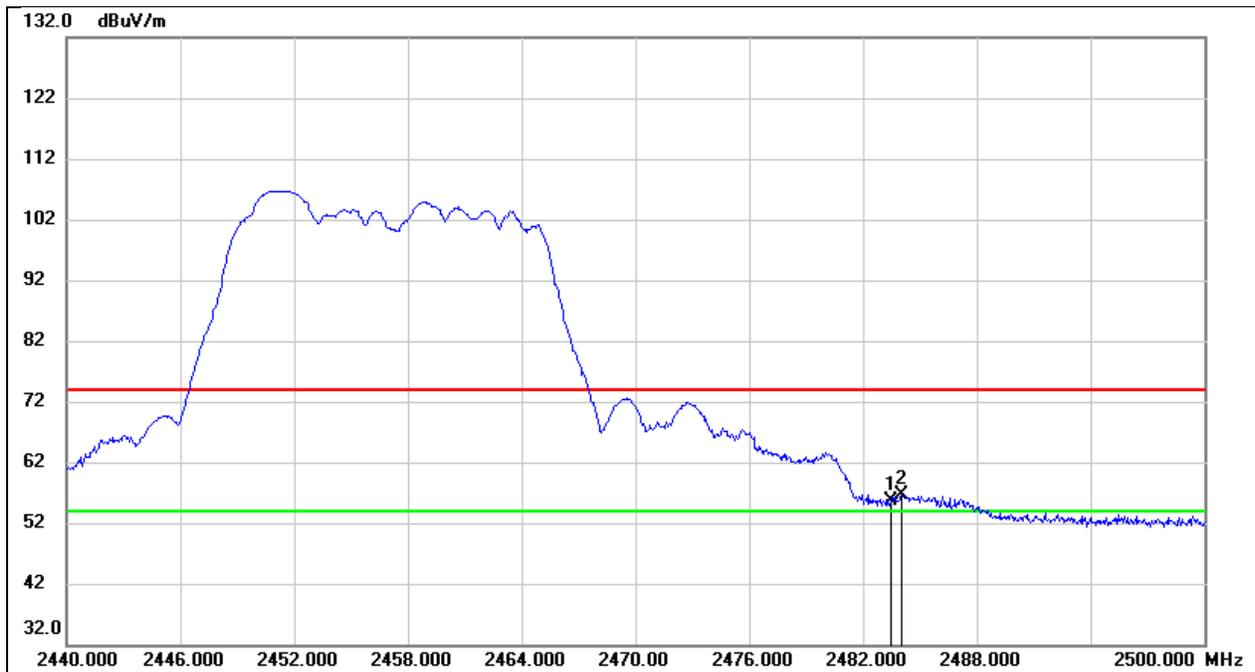
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.520	23.22	32.91	56.13	74.00	-17.87	peak
2	2390.000	22.62	32.92	55.54	74.00	-18.46	peak

Test Mode:	802.11g AV	Frequency(MHz):	2417
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



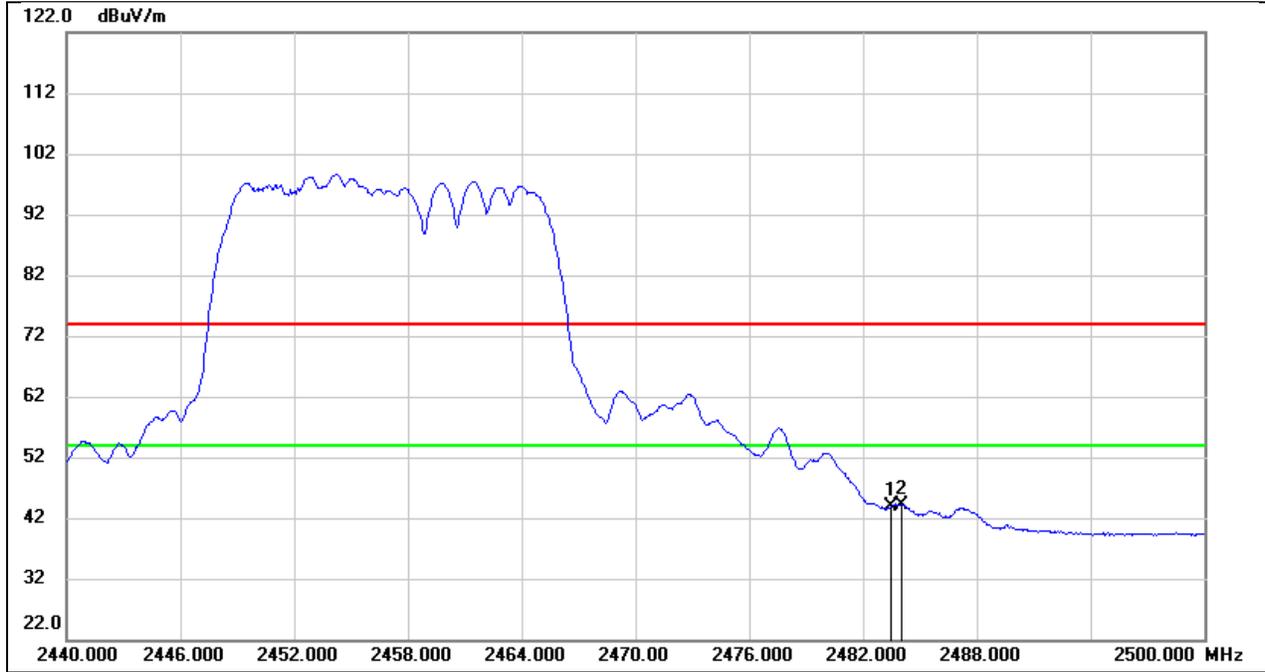
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.520	8.72	32.91	41.63	54.00	-12.37	AVG
2	2390.000	11.42	32.92	44.34	54.00	-9.66	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



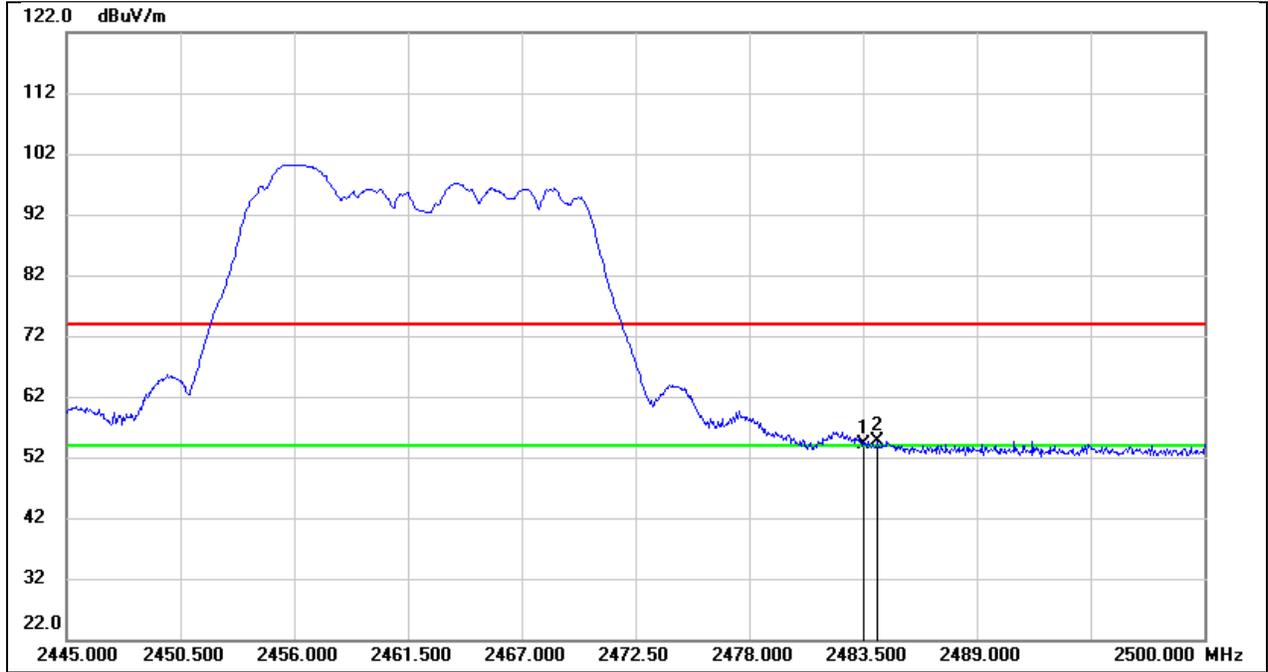
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	22.64	32.94	55.58	74.00	-18.42	peak
2	2484.040	23.69	32.94	56.63	74.00	-17.37	peak

Test Mode:	802.11g AV	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



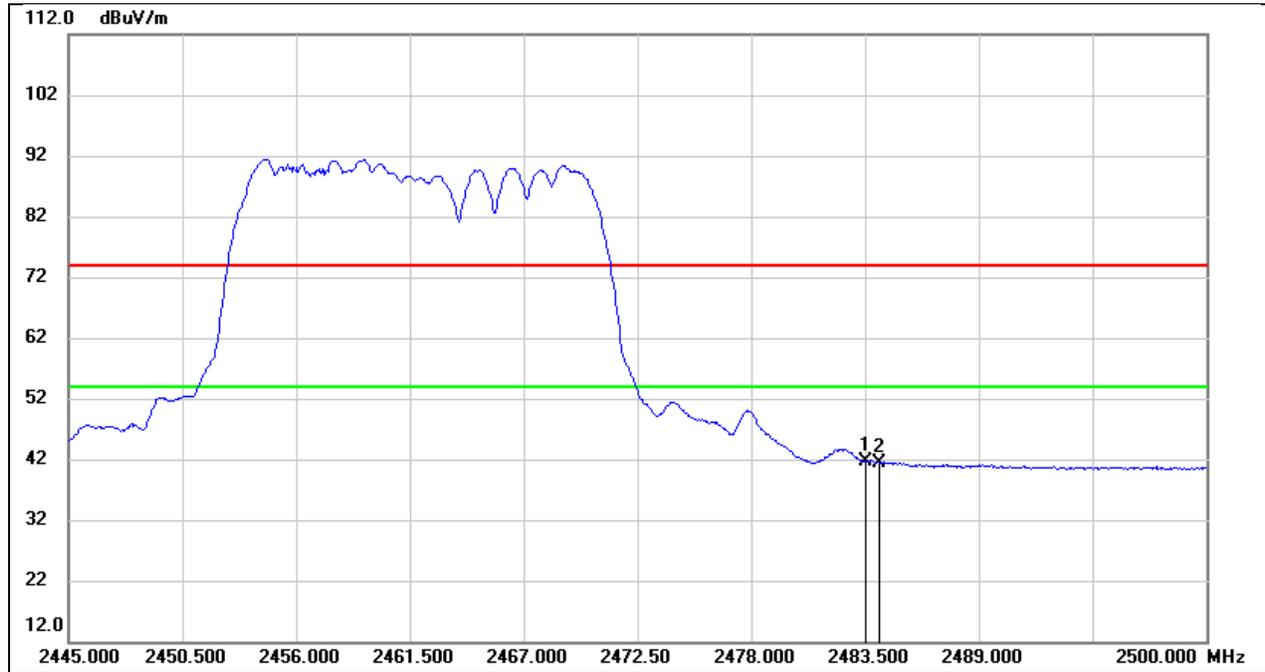
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	10.84	32.94	43.78	54.00	-10.22	AVG
2	2484.040	11.12	32.94	44.06	54.00	-9.94	AVG

Test Mode:	802.11g PK	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



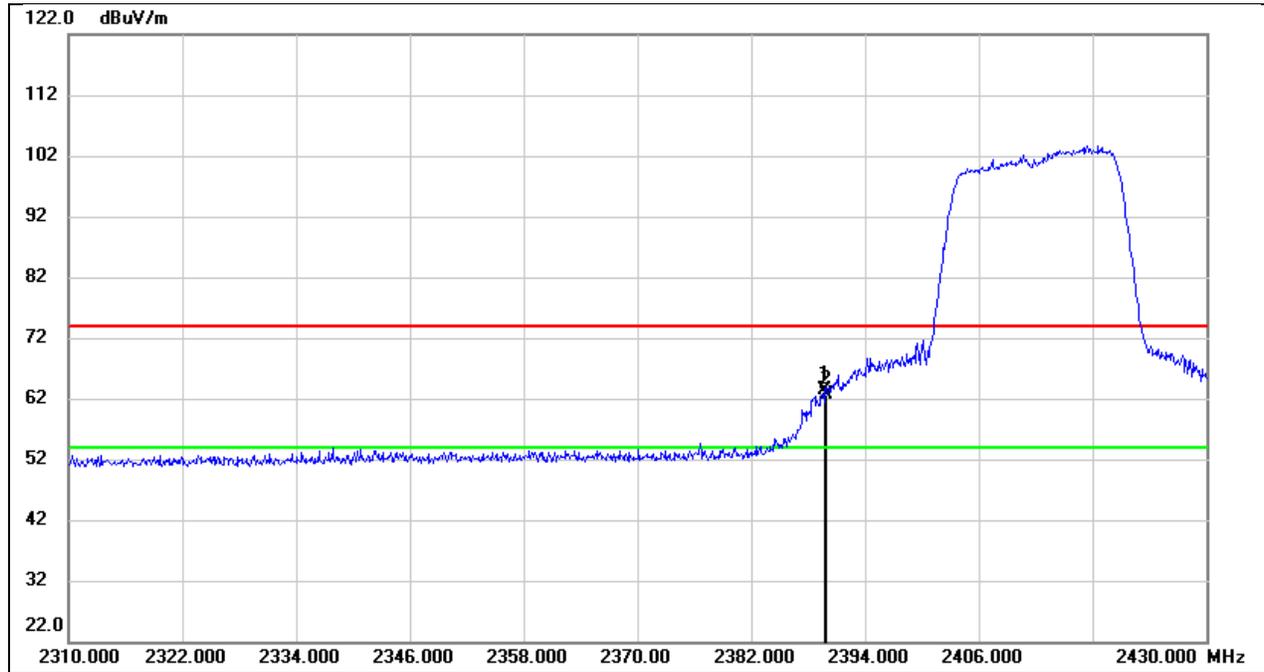
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	21.27	32.94	54.21	74.00	-19.79	peak
2	2484.215	21.80	32.94	54.74	74.00	-19.26	peak

Test Mode:	802.11g AV	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



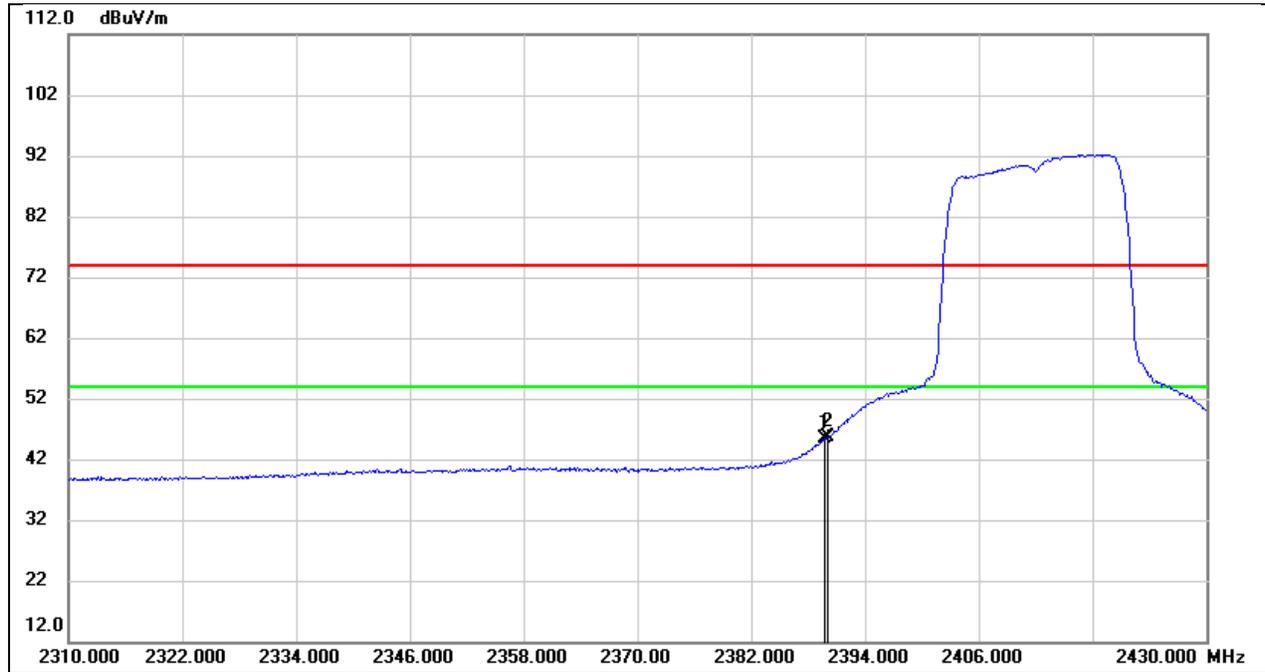
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	8.71	32.94	41.65	54.00	-12.35	AVG
2	2484.215	8.48	32.94	41.42	54.00	-12.58	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



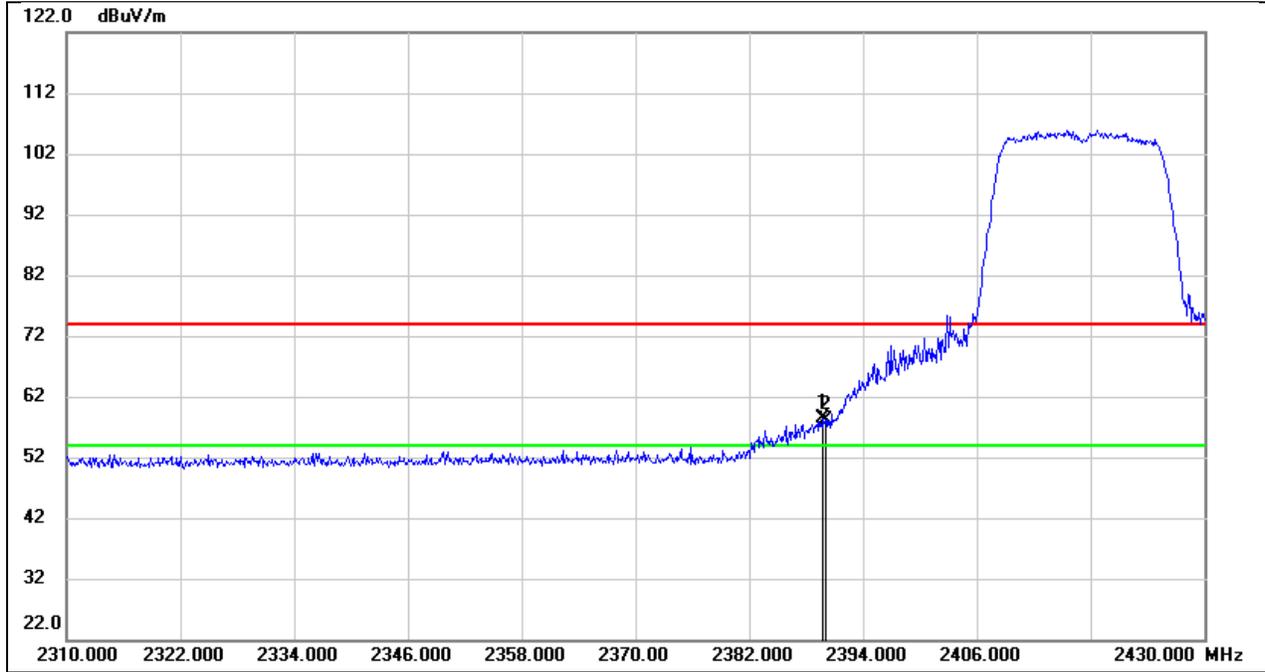
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.800	30.53	32.92	63.45	74.00	-10.55	peak
2	2390.000	29.66	32.92	62.58	74.00	-11.42	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



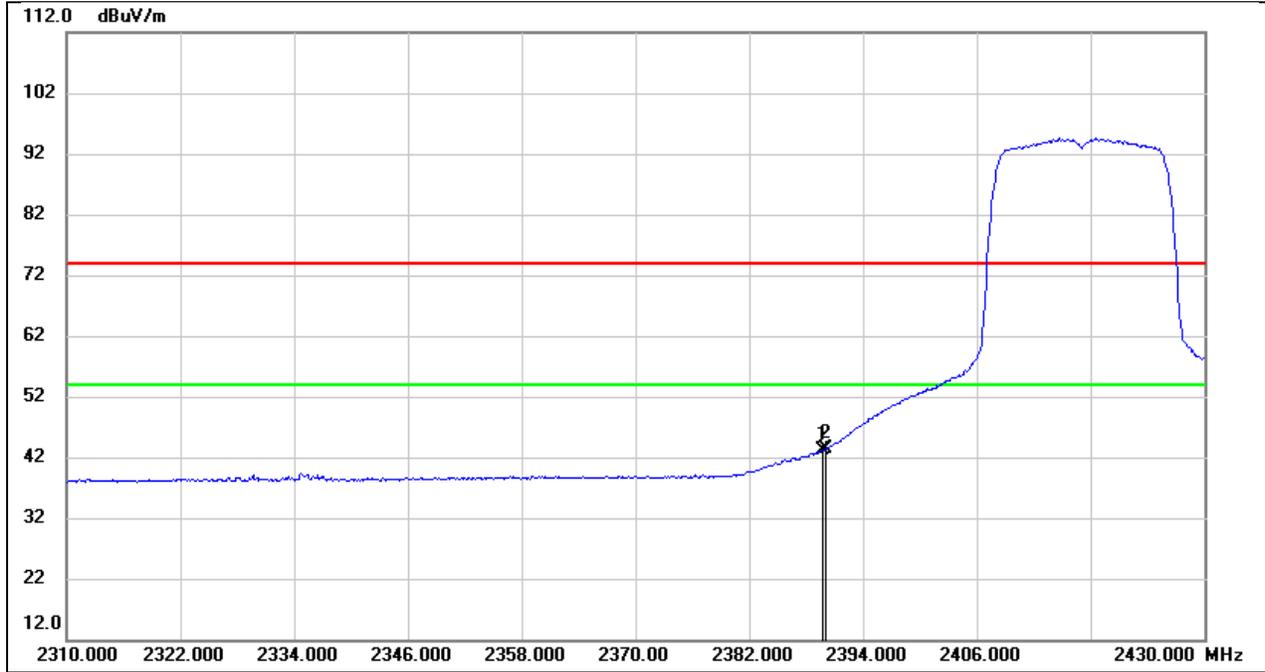
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.800	12.38	32.92	45.30	54.00	-8.70	AVG
2	2390.000	12.66	32.92	45.58	54.00	-8.42	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2417
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



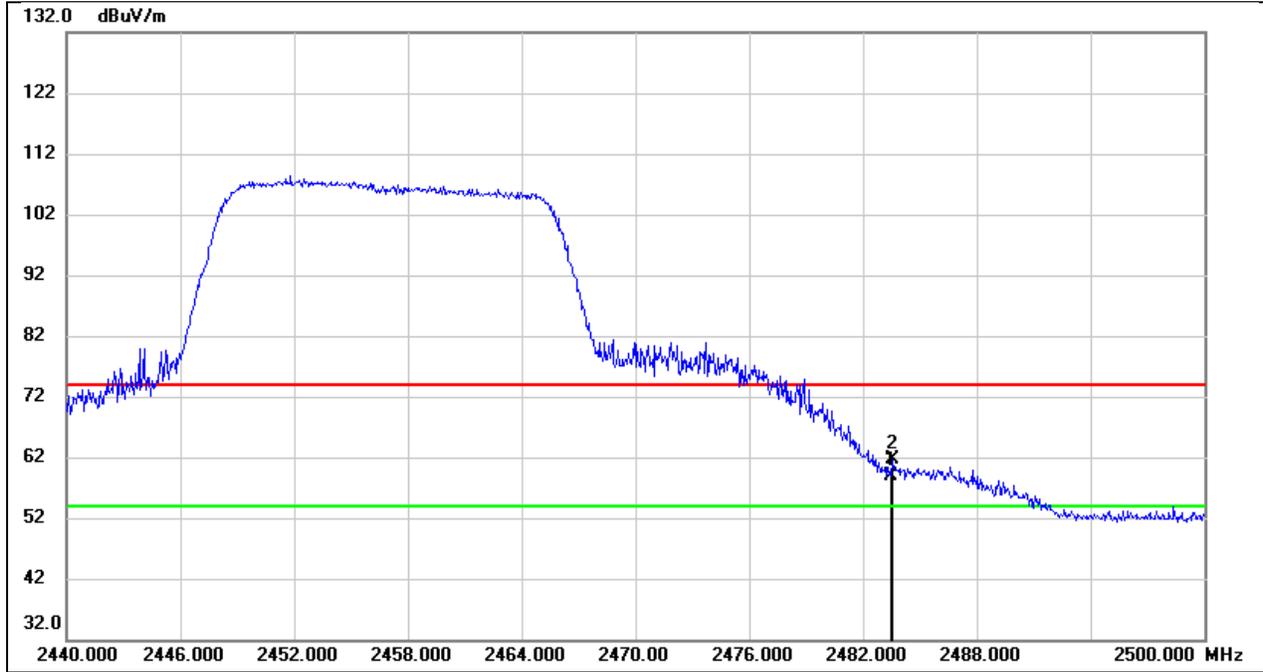
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.800	25.48	32.92	58.40	74.00	-15.60	peak
2	2390.000	25.32	32.92	58.24	74.00	-15.76	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2417
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



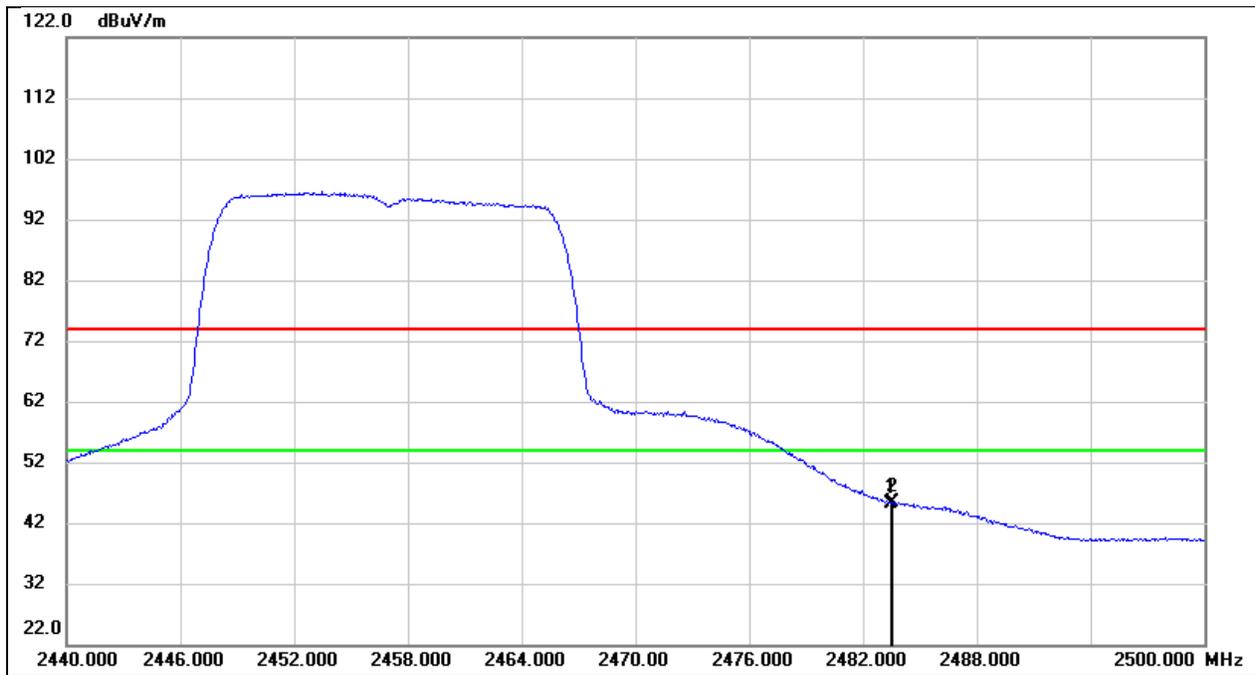
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.800	10.28	32.92	43.20	54.00	-10.80	AVG
2	2390.000	10.41	32.92	43.33	54.00	-10.67	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



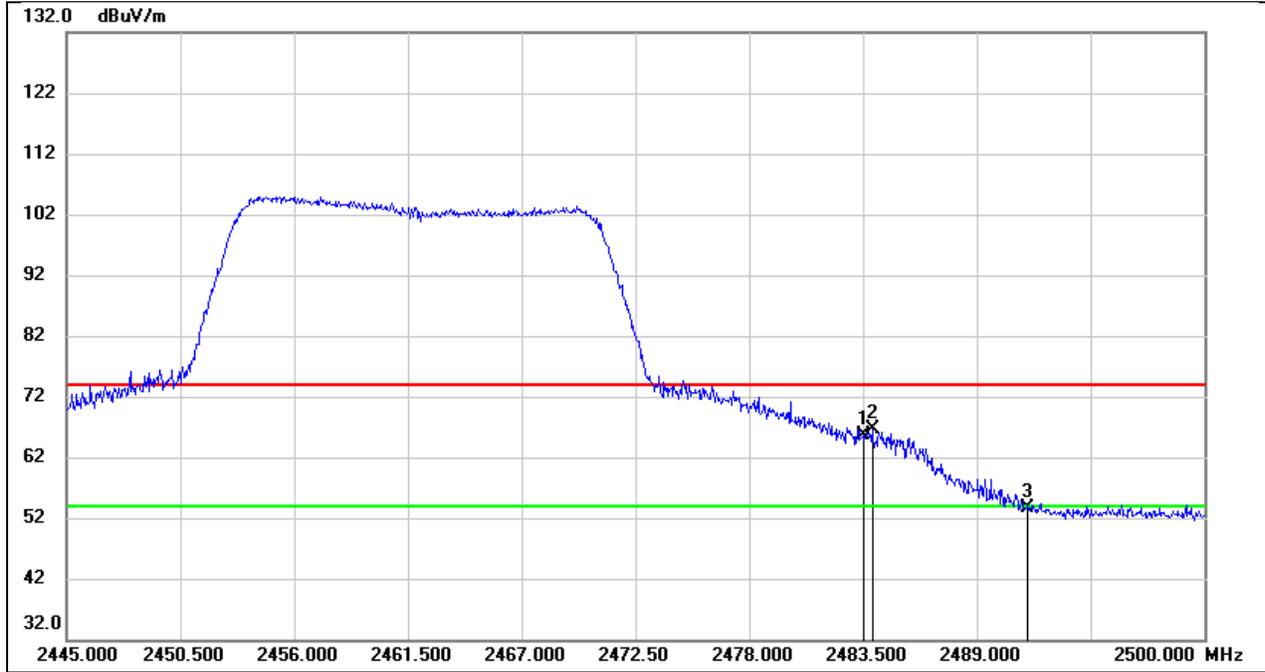
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	25.97	32.94	58.91	74.00	-15.09	peak
2	2483.560	28.73	32.94	61.67	74.00	-12.33	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2457
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



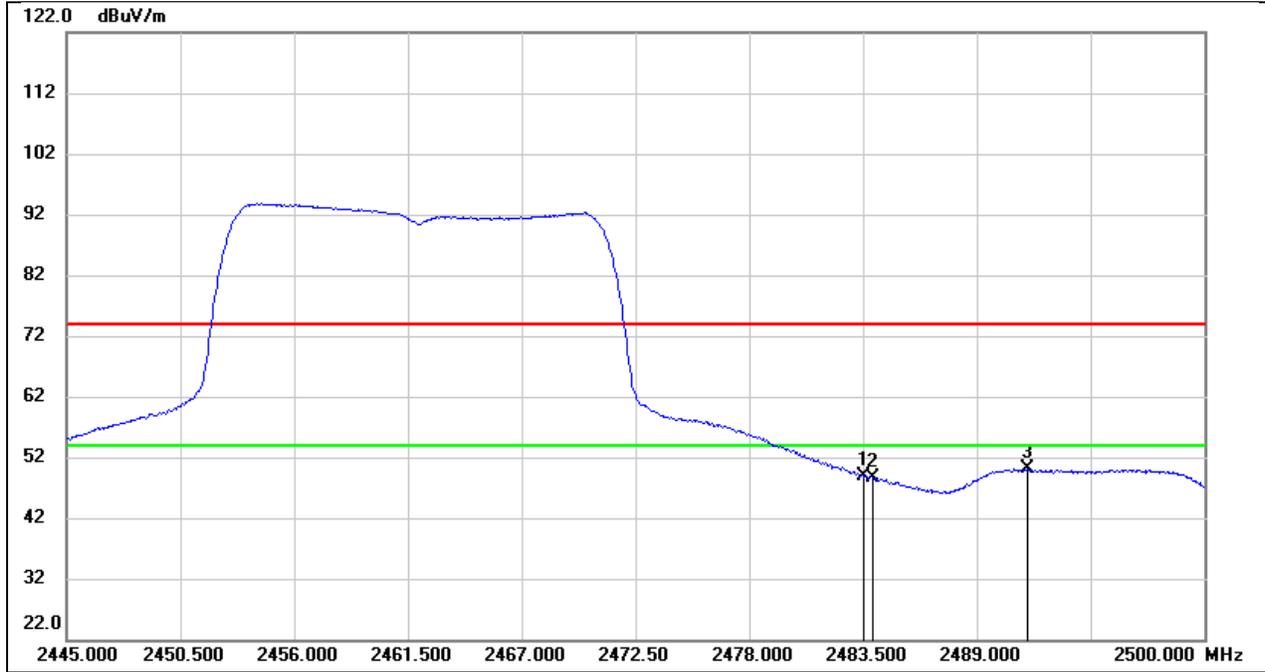
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	12.23	32.94	45.17	54.00	-8.83	AVG
2	2483.560	12.35	32.94	45.29	54.00	-8.71	AVG

Test Mode:	802.11n HT20 PK	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



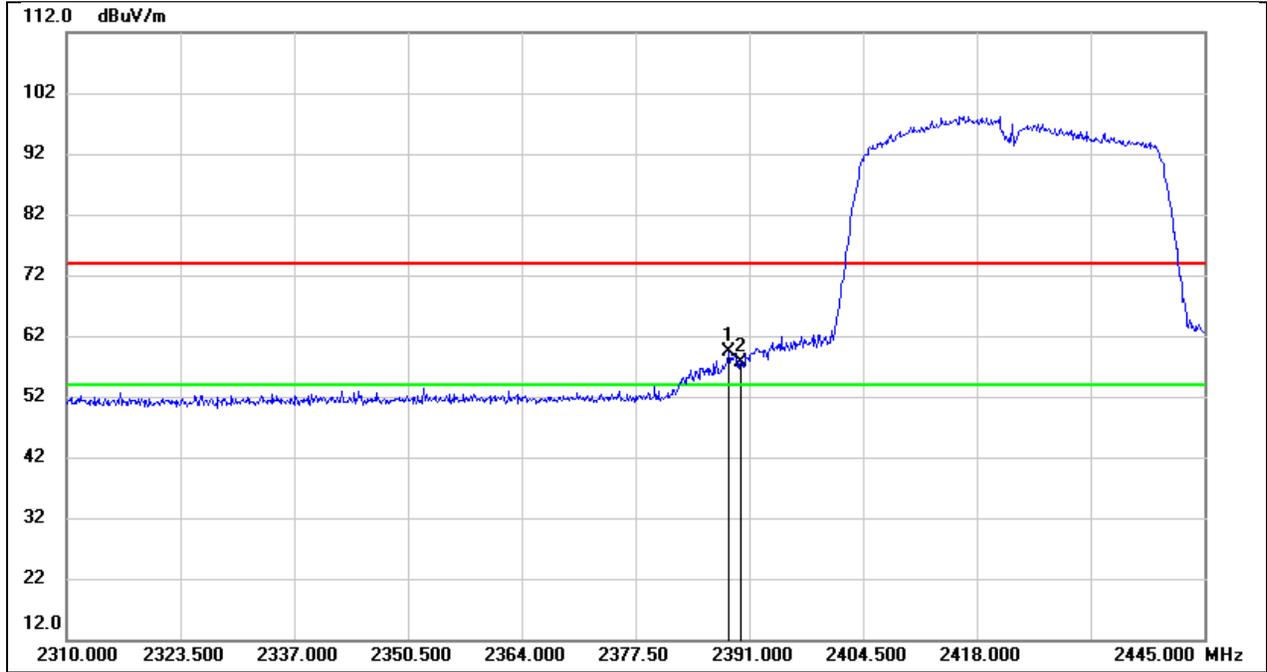
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	32.63	32.94	65.57	74.00	-8.43	peak
2	2483.940	33.78	32.94	66.72	74.00	-7.28	peak
3	2491.475	20.80	32.94	53.74	74.00	-20.26	peak

Test Mode:	802.11n HT20 AV	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



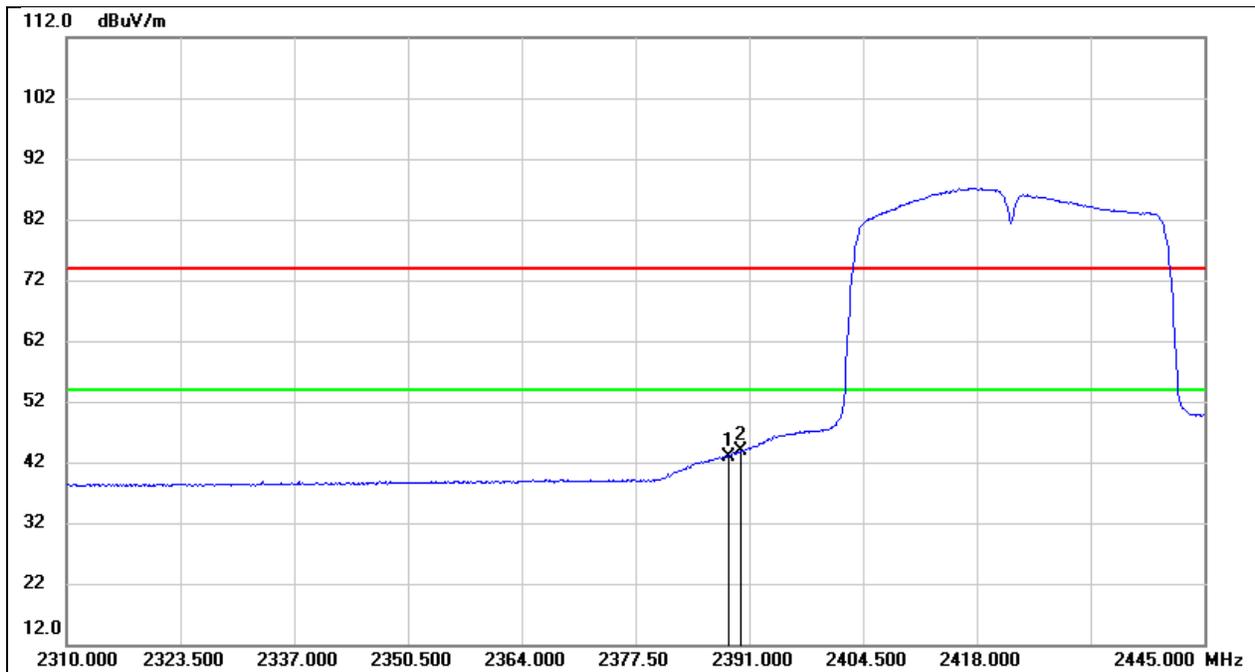
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	16.00	32.94	48.94	54.00	-5.06	AVG
2	2483.940	15.66	32.94	48.60	54.00	-5.40	AVG
3	2491.475	17.18	32.94	50.12	54.00	-3.88	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	2422
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



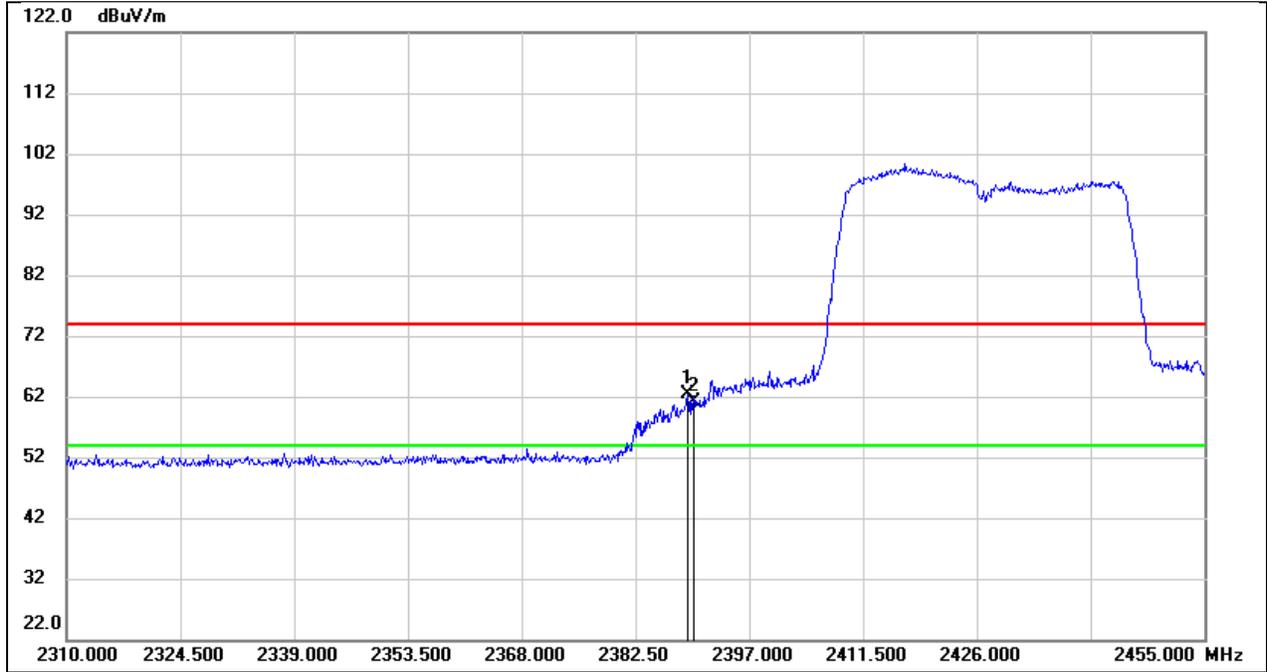
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.570	26.47	32.92	59.39	74.00	-14.61	peak
2	2390.000	24.62	32.92	57.54	74.00	-16.46	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	2422
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



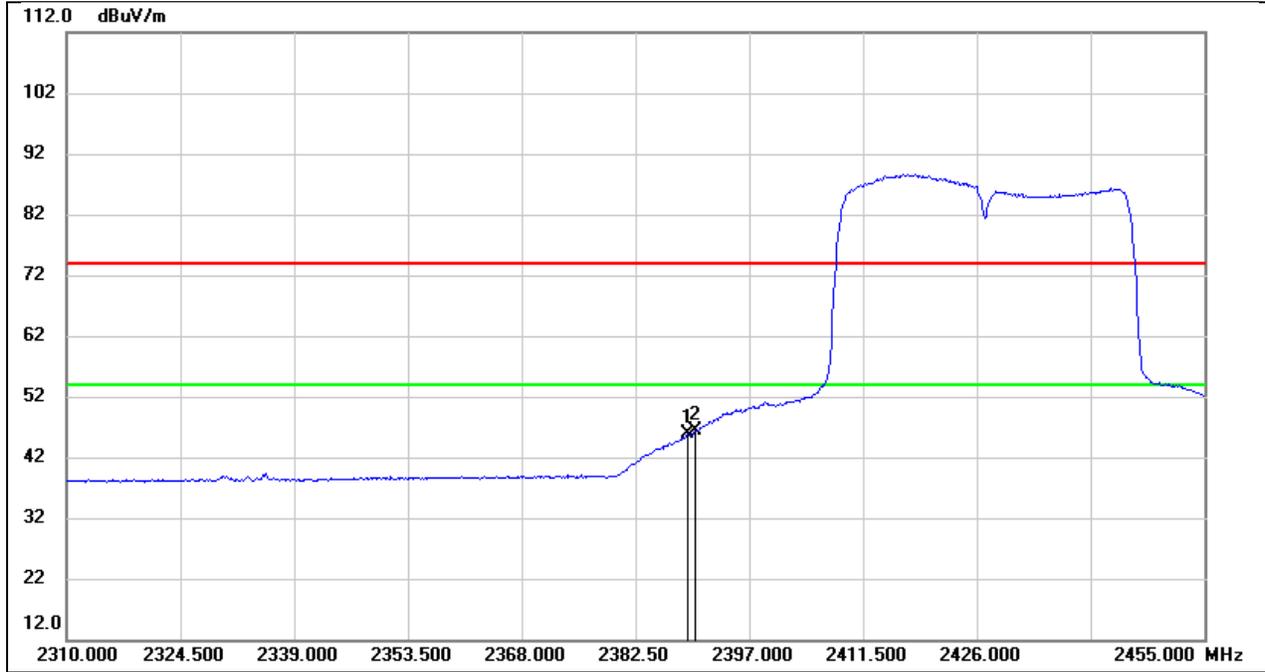
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.570	10.04	32.92	42.96	54.00	-11.04	AVG
2	2390.000	11.06	32.92	43.98	54.00	-10.02	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	2427
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



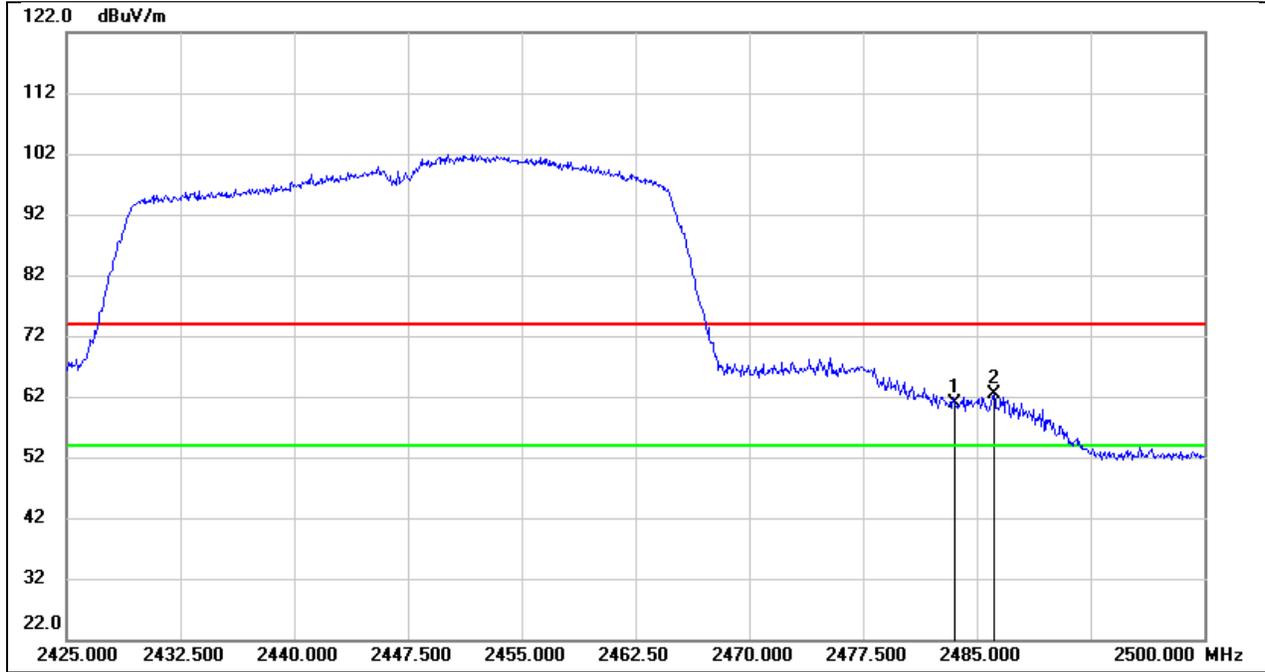
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.170	29.48	32.92	62.40	74.00	-11.60	peak
2	2390.000	28.13	32.92	61.05	74.00	-12.95	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	2427
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



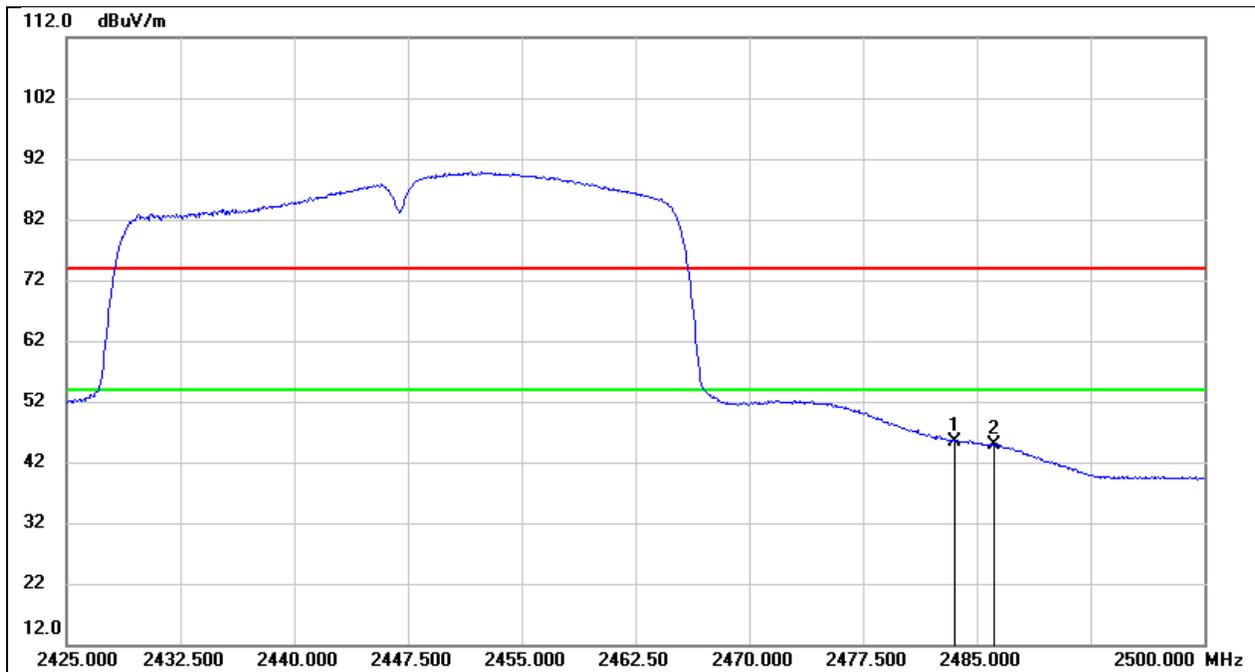
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.170	12.84	32.92	45.76	54.00	-8.24	AVG
2	2390.000	13.50	32.92	46.42	54.00	-7.58	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	2447
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



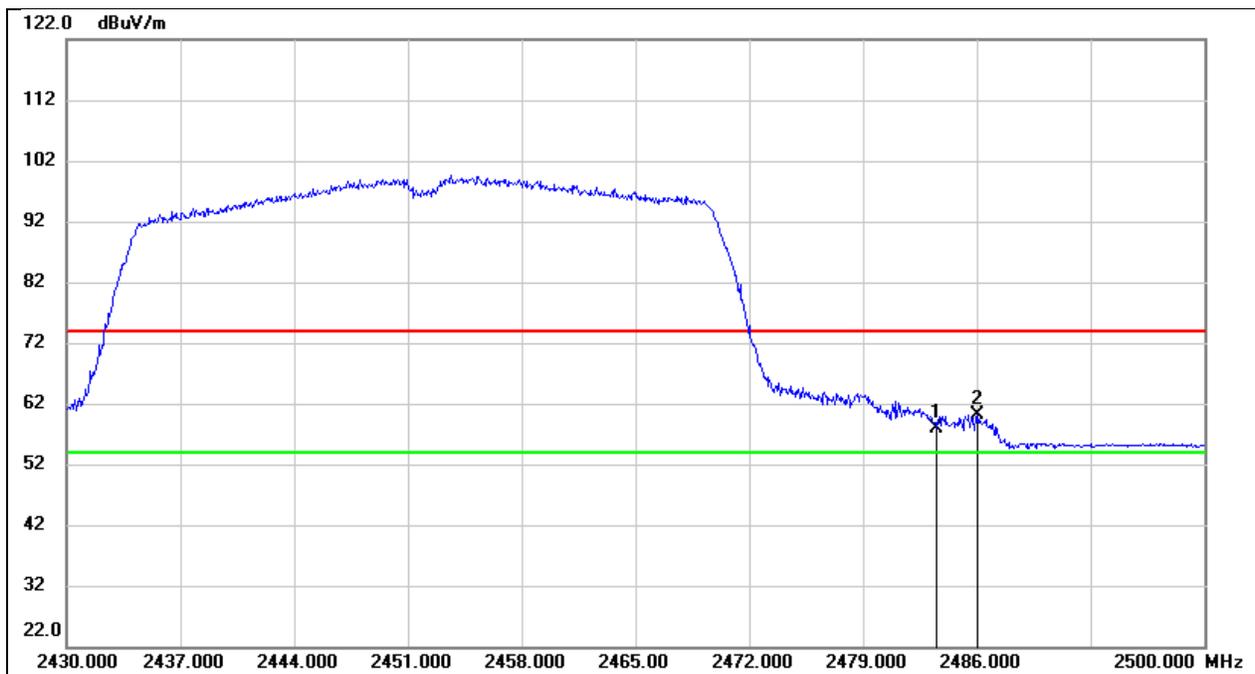
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	27.95	32.94	60.89	74.00	-13.11	peak
2	2486.125	29.44	32.93	62.37	74.00	-11.63	peak

Test Mode:	802.11n HT40 AV	Frequency(MHz):	2447
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



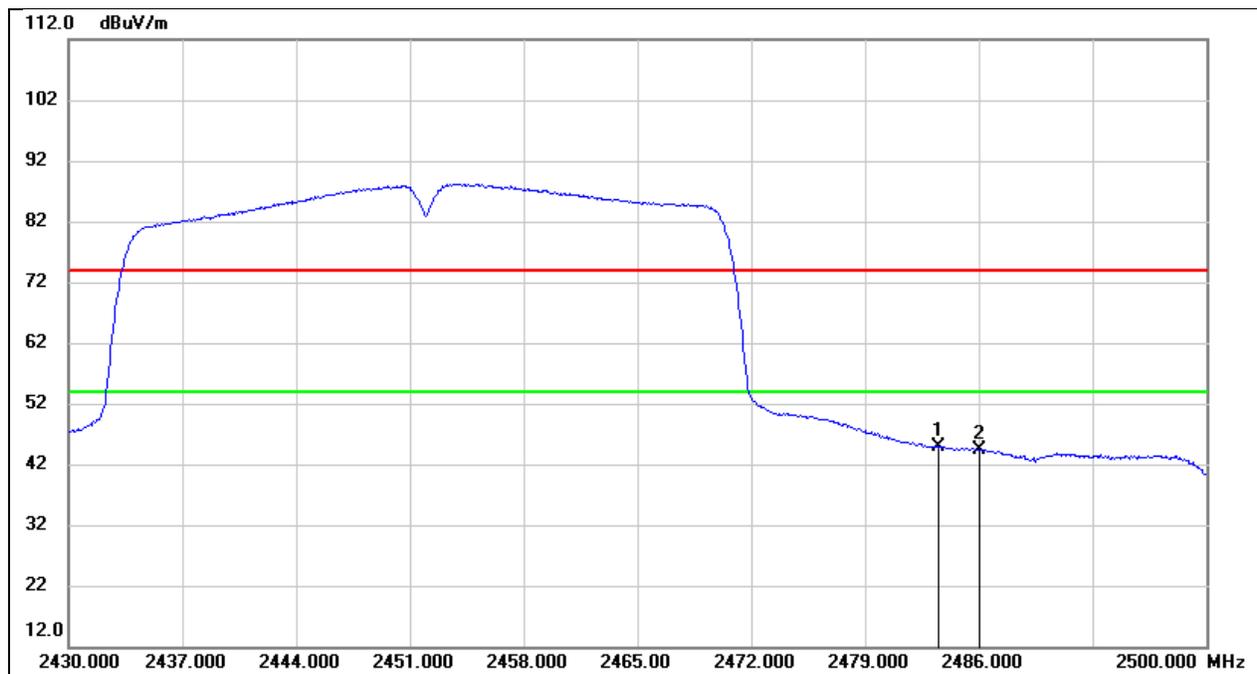
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	12.49	32.94	45.43	54.00	-8.57	AVG
2	2486.125	11.93	32.93	44.86	54.00	-9.14	AVG

Test Mode:	802.11n HT40 PK	Frequency(MHz):	2452
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	24.98	32.94	57.92	74.00	-16.08	peak
2	2486.070	27.12	32.93	60.05	74.00	-13.95	peak

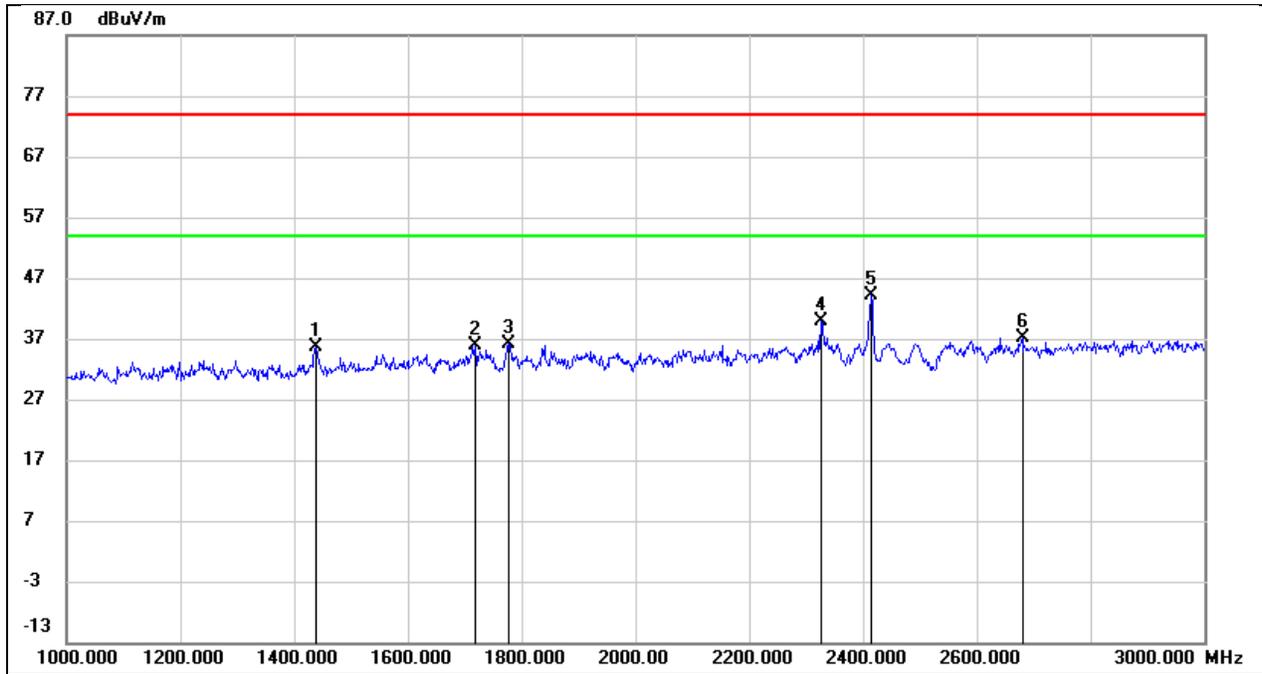
Test Mode:	802.11n HT40 AV	Frequency(MHz):	2452
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	11.84	32.94	44.78	54.00	-9.22	AVG
2	2486.070	11.50	32.93	44.43	54.00	-9.57	AVG

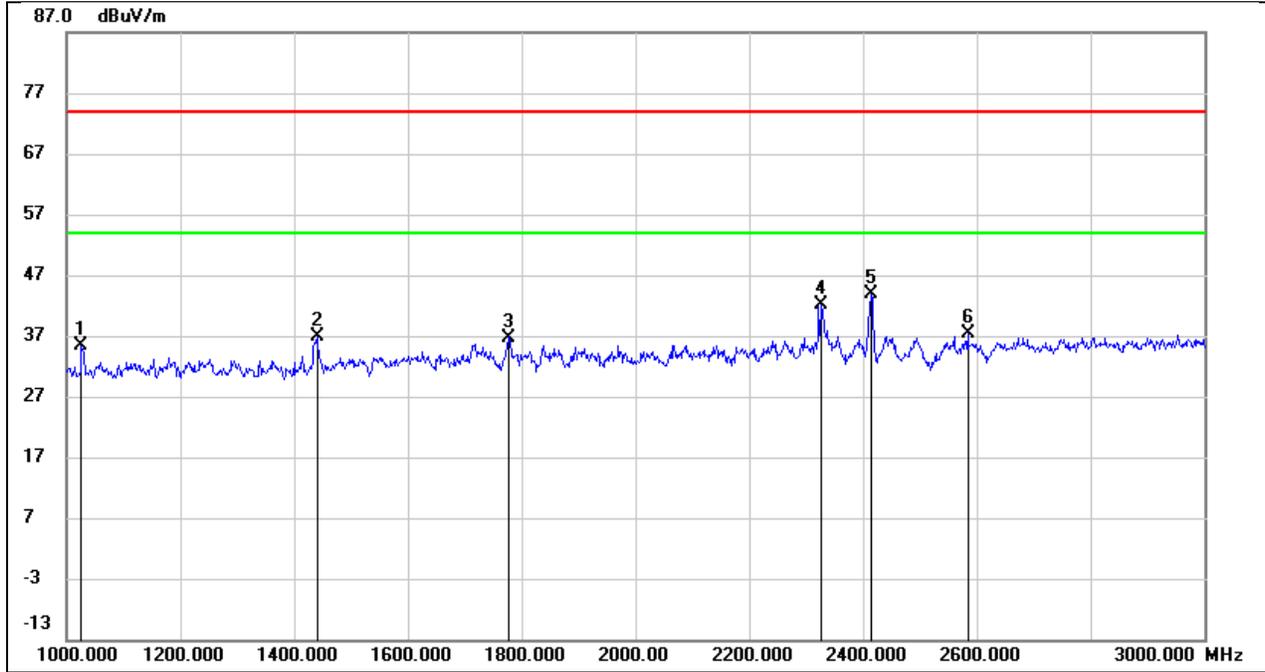
8.2. SPURIOUS EMISSIONS (1 GHZ ~ 3 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



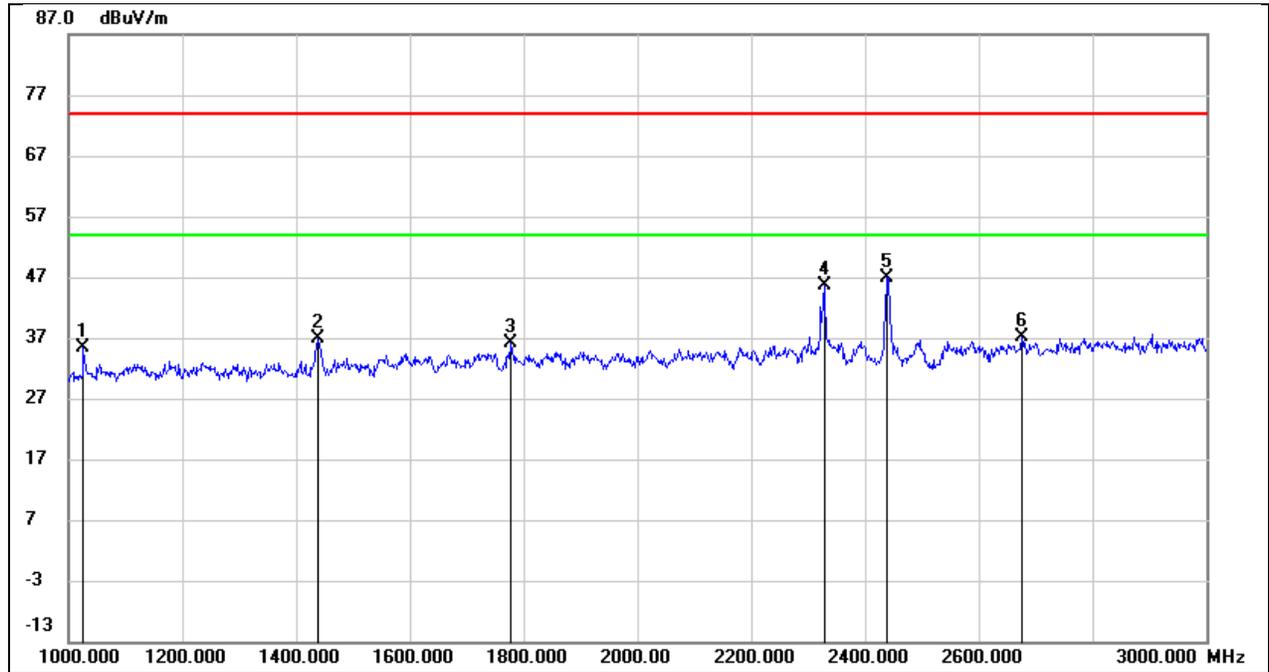
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1438.000	47.73	-12.15	35.58	74.00	-38.42	peak
2	1718.000	46.52	-10.62	35.90	74.00	-38.10	peak
3	1776.000	46.37	-10.35	36.02	74.00	-37.98	peak
4	2326.000	47.70	-7.94	39.76	74.00	-34.24	peak
5	2412.000	51.54	-7.41	44.13	/	/	Fundamental
6	2680.000	44.49	-7.33	37.16	74.00	-36.84	peak

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 7.3 V



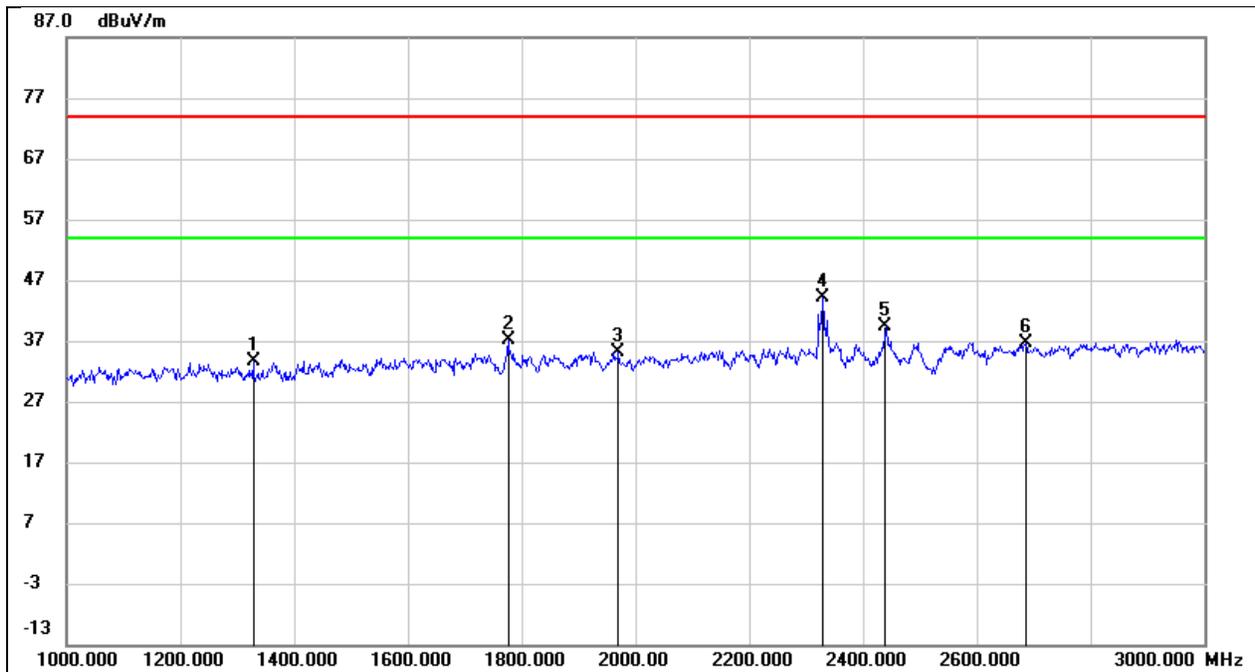
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1026.000	49.56	-14.18	35.38	74.00	-38.62	peak
2	1440.000	48.92	-12.14	36.78	74.00	-37.22	peak
3	1778.000	47.09	-10.34	36.75	74.00	-37.25	peak
4	2326.000	50.08	-7.94	42.14	74.00	-31.86	peak
5	2412.000	51.40	-7.41	43.99	/	/	Fundamental
6	2584.000	44.93	-7.65	37.28	74.00	-36.72	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



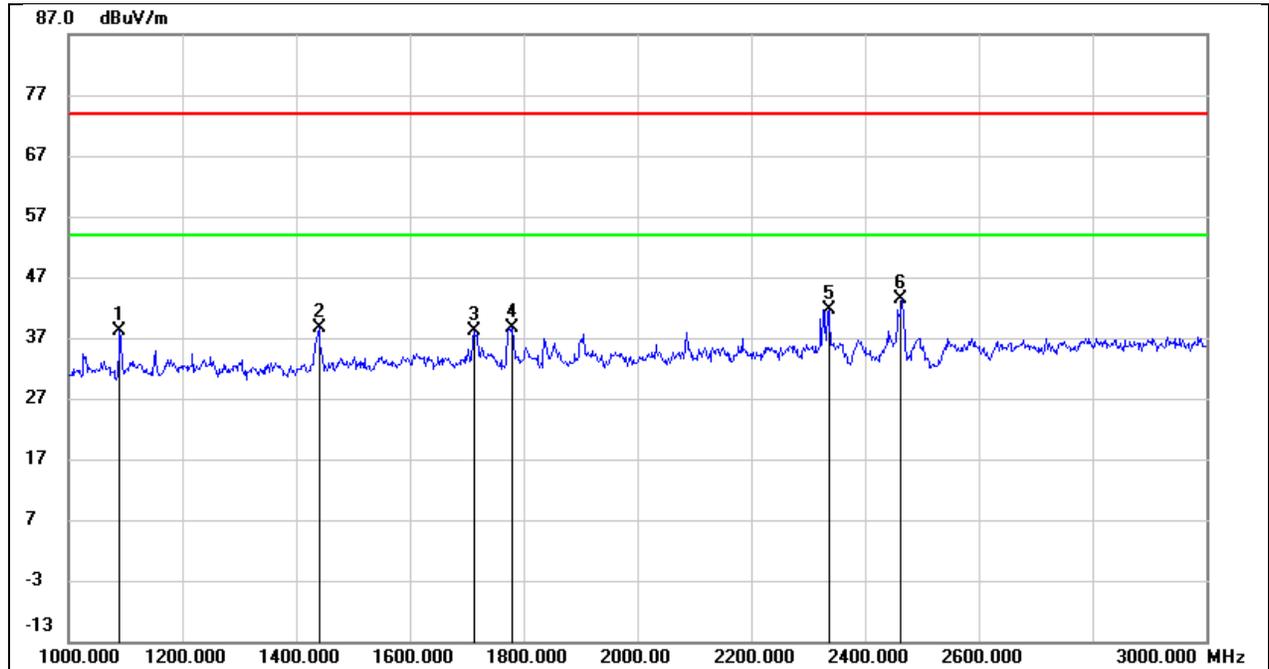
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1026.000	49.59	-14.18	35.41	74.00	-38.59	peak
2	1438.000	49.13	-12.15	36.98	74.00	-37.02	peak
3	1778.000	46.46	-10.34	36.12	74.00	-37.88	peak
4	2328.000	53.57	-7.94	45.63	74.00	-28.37	peak
5	2437.000	54.28	-7.43	46.85	/	/	Fundamental
6	2676.000	44.57	-7.35	37.22	74.00	-36.78	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



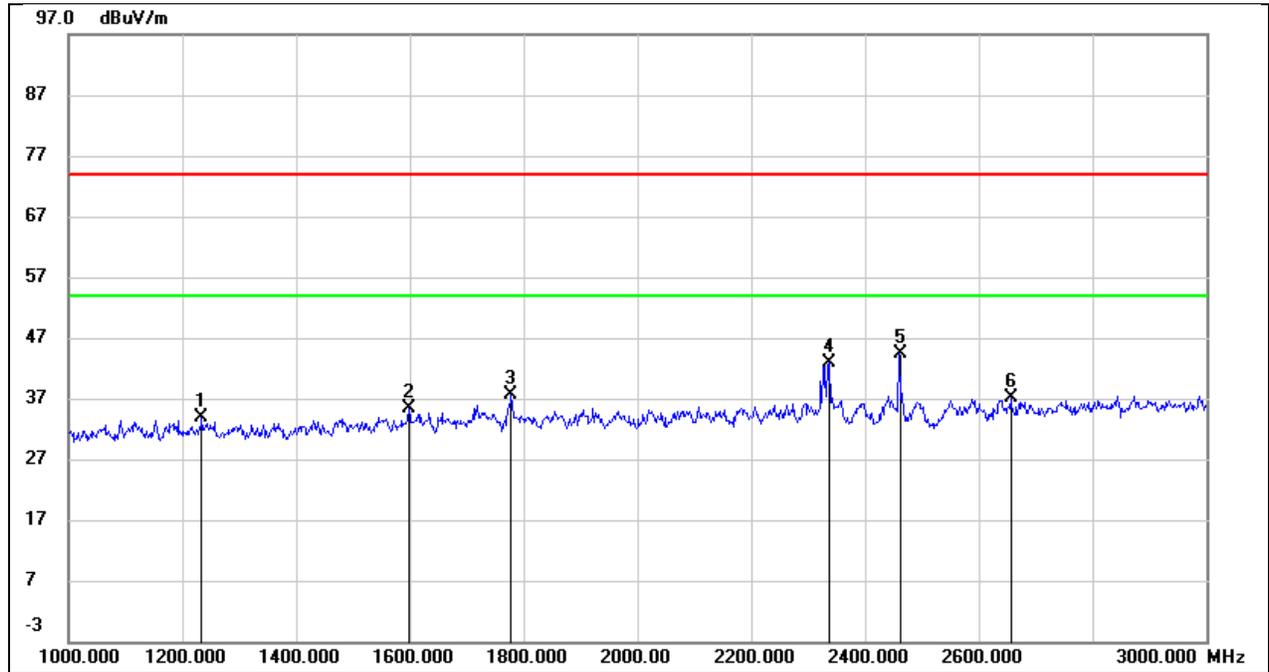
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1328.000	46.01	-12.49	33.52	74.00	-40.48	peak
2	1776.000	47.39	-10.35	37.04	74.00	-36.96	peak
3	1970.000	45.21	-10.13	35.08	74.00	-38.92	peak
4	2330.000	52.10	-7.92	44.18	74.00	-29.82	peak
5	2437.000	46.73	-7.43	39.30	/	/	Fundamental
6	2686.000	43.93	-7.31	36.62	74.00	-37.38	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1090.000	51.73	-13.61	38.12	74.00	-35.88	peak
2	1440.000	50.74	-12.14	38.60	74.00	-35.40	peak
3	1712.000	48.80	-10.65	38.15	74.00	-35.85	peak
4	1780.000	48.89	-10.33	38.56	74.00	-35.44	peak
5	2336.000	49.55	-7.87	41.68	74.00	-32.32	peak
6	2462.000	50.79	-7.47	43.32	/	/	Fundamental

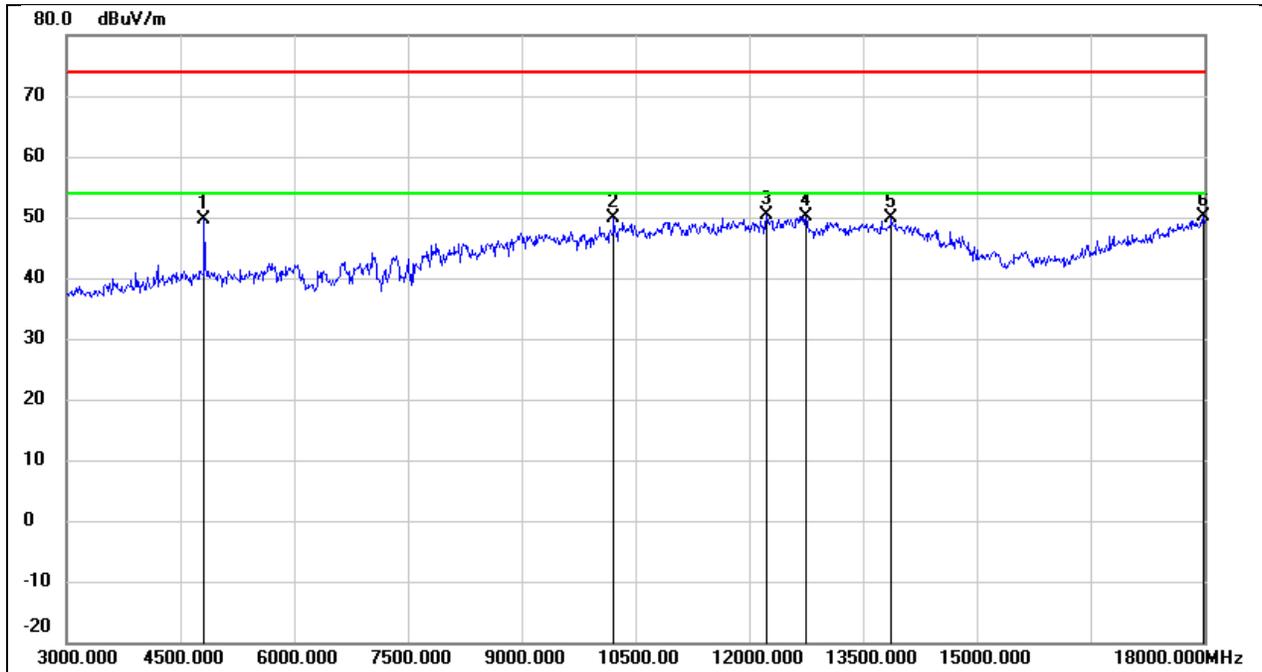
Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1234.000	46.58	-12.60	33.98	74.00	-40.02	peak
2	1598.000	46.51	-11.18	35.33	74.00	-38.67	peak
3	1778.000	48.04	-10.34	37.70	74.00	-36.30	peak
4	2336.000	50.70	-7.87	42.83	74.00	-31.17	peak
5	2462.000	51.89	-7.47	44.42	/	/	Fundamental
6	2656.000	44.64	-7.43	37.21	74.00	-36.79	peak

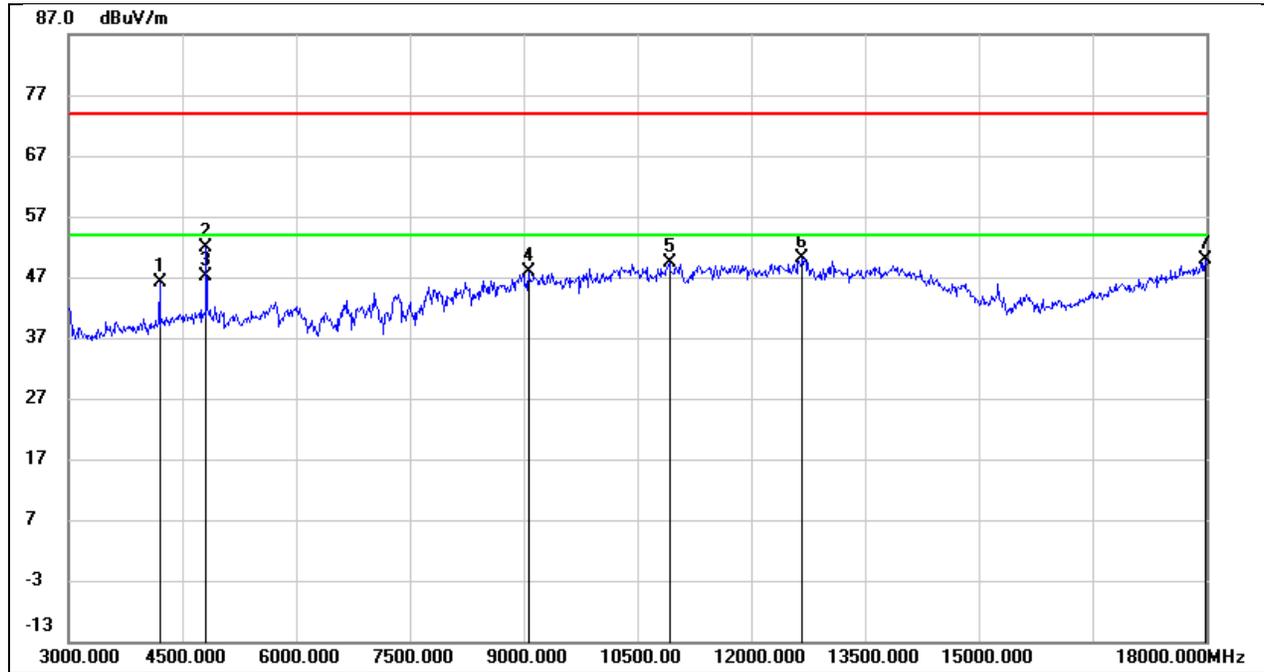
8.3. SPURIOUS EMISSIONS (3 GHZ ~ 18 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



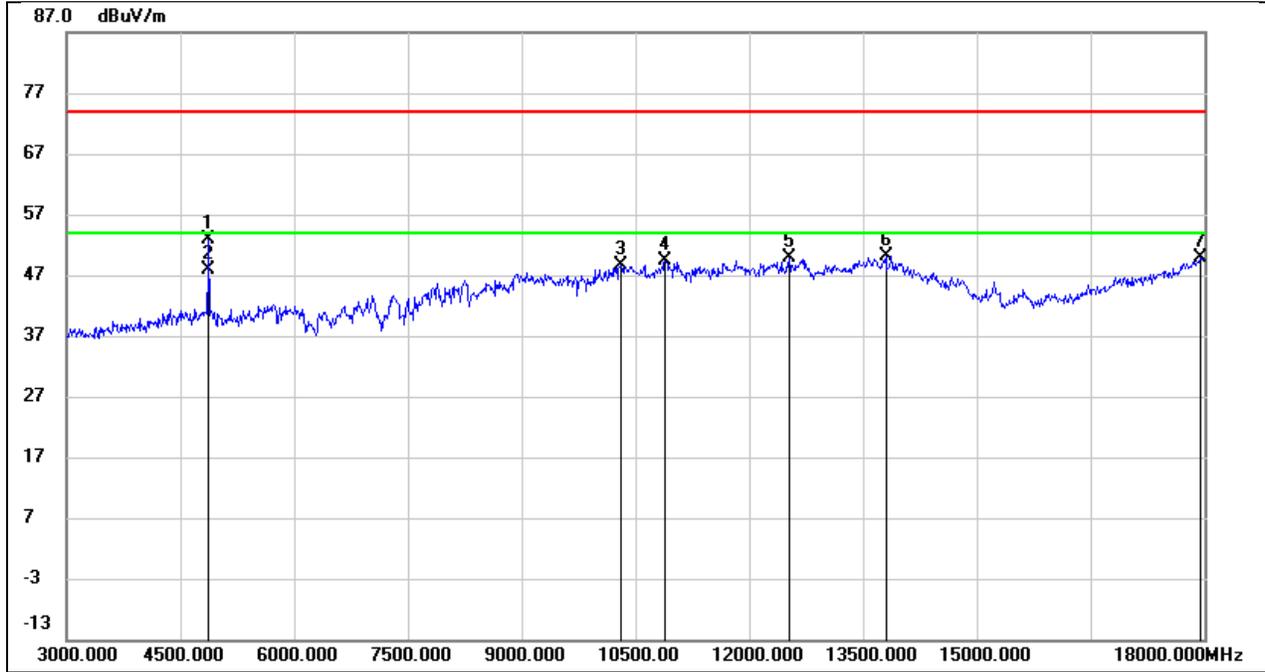
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4815.000	49.14	0.49	49.63	74.00	-24.37	peak
2	10215.000	37.39	12.56	49.95	74.00	-24.05	peak
3	12225.000	31.90	18.40	50.30	74.00	-23.70	peak
4	12750.000	31.20	18.83	50.03	74.00	-23.97	peak
5	13875.000	27.21	22.68	49.89	74.00	-24.11	peak
6	17985.000	23.40	26.77	50.17	74.00	-23.83	peak

Test Mode:	802.11b	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 7.3 V



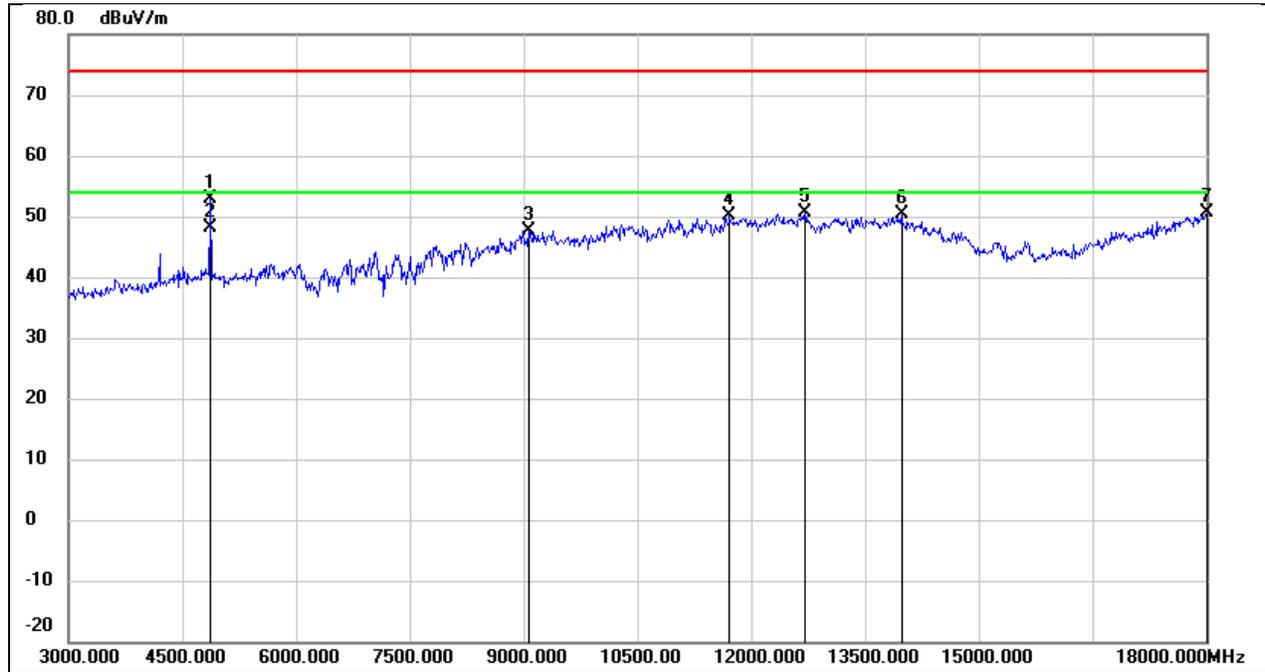
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	47.62	-1.57	46.05	74.00	-27.95	peak
2	4815.000	51.39	0.49	51.88	74.00	-22.12	peak
3	4815.000	46.71	0.49	47.20	54.00	-6.80	AVG
4	9060.000	37.16	10.82	47.98	74.00	-26.02	peak
5	10920.000	34.72	14.54	49.26	74.00	-24.74	peak
6	12675.000	31.51	18.54	50.05	74.00	-23.95	peak
7	17985.000	23.07	26.77	49.84	74.00	-24.16	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



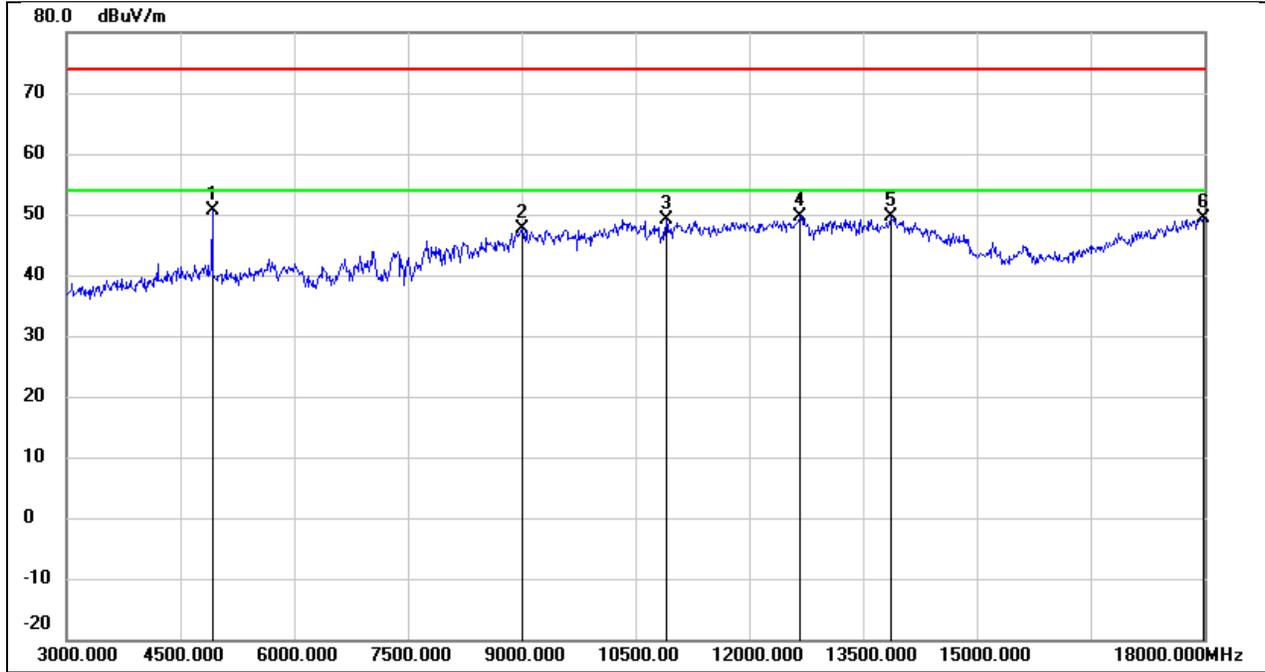
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	52.32	0.61	52.93	74.00	-21.07	peak
2	4875.000	47.19	0.61	47.80	54.00	-6.20	AVG
3	10305.000	35.72	13.00	48.72	74.00	-25.28	peak
4	10890.000	35.08	14.39	49.47	74.00	-24.53	peak
5	12525.000	31.53	18.47	50.00	74.00	-24.00	peak
6	13800.000	27.53	22.64	50.17	74.00	-23.83	peak
7	17955.000	23.32	26.66	49.98	74.00	-24.02	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



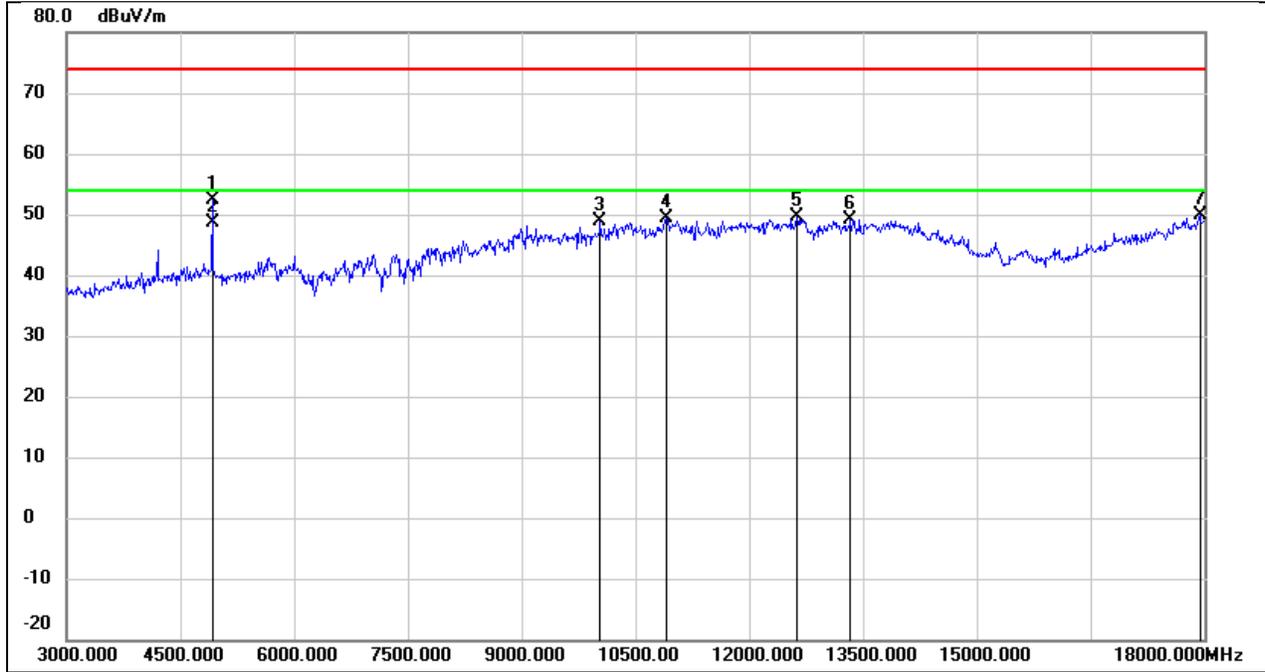
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	52.25	0.61	52.86	74.00	-21.14	peak
2	4875.000	47.49	0.61	48.10	54.00	-5.90	AVG
3	9060.000	36.92	10.82	47.74	74.00	-26.26	peak
4	11715.000	32.83	17.37	50.20	74.00	-23.80	peak
5	12705.000	32.03	18.66	50.69	74.00	-23.31	peak
6	13980.000	27.70	22.75	50.45	74.00	-23.55	peak
7	18000.000	23.70	26.83	50.53	74.00	-23.47	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



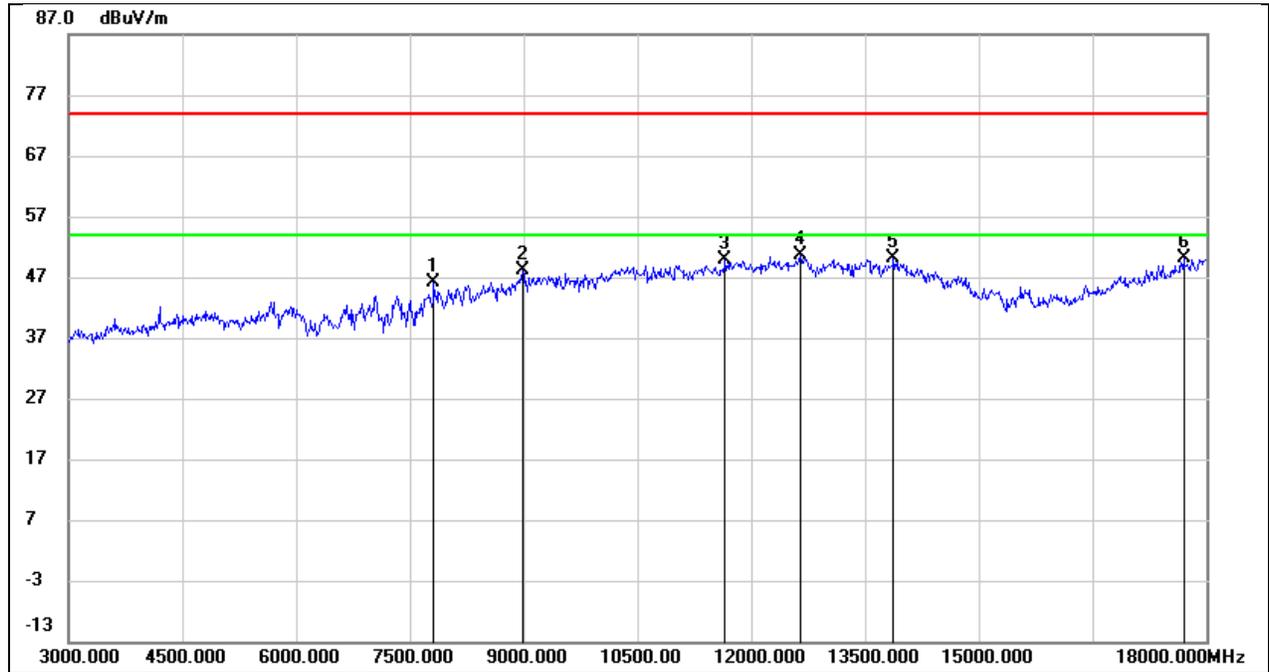
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	49.92	0.69	50.61	74.00	-23.39	peak
2	9000.000	36.39	11.17	47.56	74.00	-26.44	peak
3	10905.000	34.76	14.46	49.22	74.00	-24.78	peak
4	12660.000	31.19	18.49	49.68	74.00	-24.32	peak
5	13860.000	26.94	22.68	49.62	74.00	-24.38	peak
6	17985.000	22.70	26.77	49.47	74.00	-24.53	peak

Test Mode:	802.11b	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 7.3 V



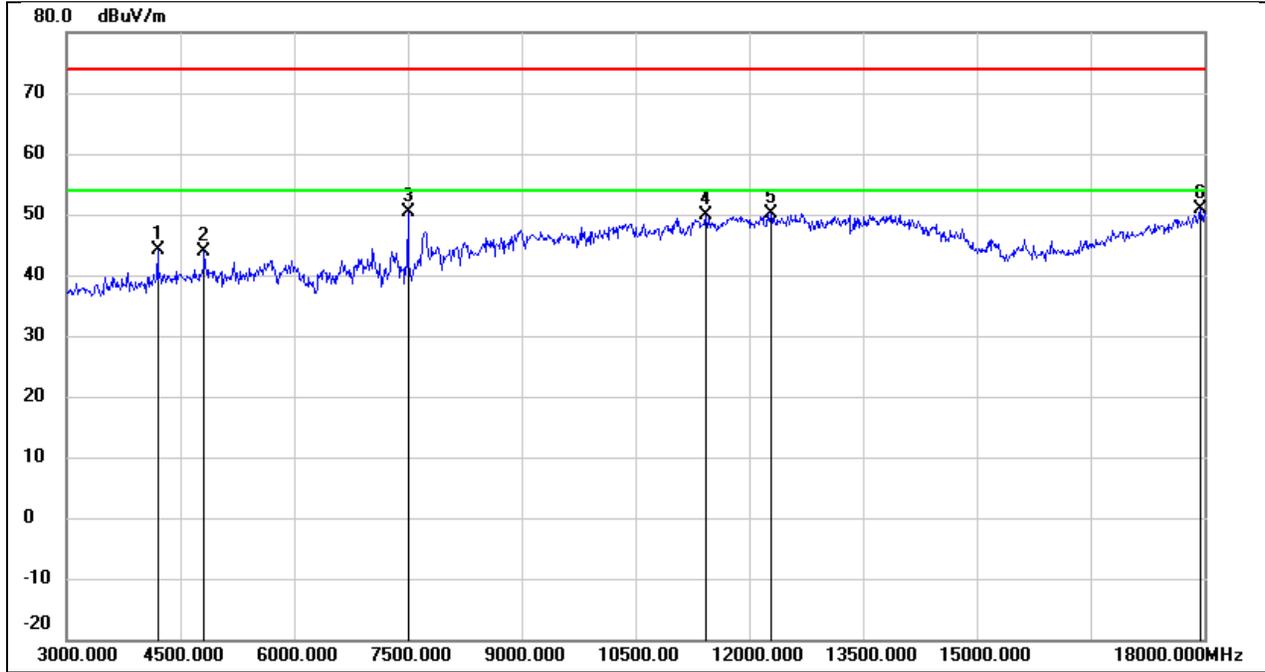
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	51.74	0.69	52.43	74.00	-21.57	peak
2	4920.000	47.91	0.69	48.60	54.00	-5.40	AVG
3	10035.000	36.32	12.48	48.80	74.00	-25.20	peak
4	10905.000	34.90	14.46	49.36	74.00	-24.64	peak
5	12630.000	31.25	18.39	49.64	74.00	-24.36	peak
6	13335.000	28.18	21.02	49.20	74.00	-24.80	peak
7	17940.000	23.26	26.61	49.87	74.00	-24.13	peak

Test Mode:	802.11g	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



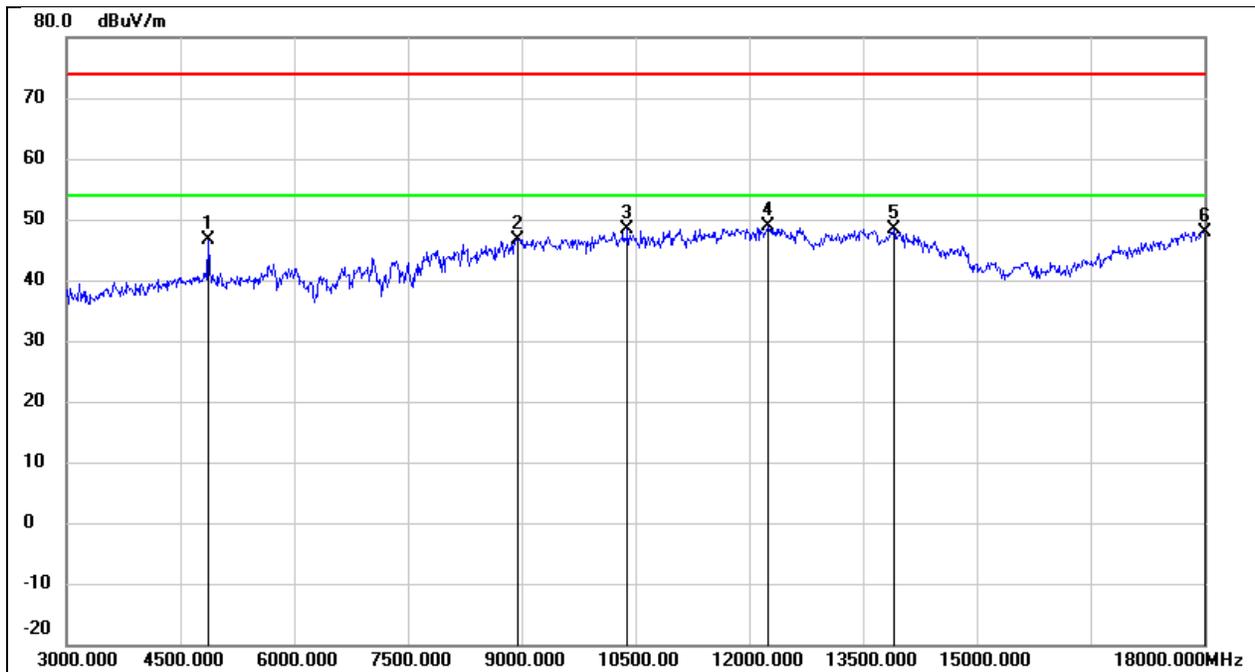
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7815.000	38.64	7.50	46.14	74.00	-27.86	peak
2	8985.000	37.19	10.97	48.16	74.00	-25.84	peak
3	11655.000	32.69	17.18	49.87	74.00	-24.13	peak
4	12645.000	32.09	18.44	50.53	74.00	-23.47	peak
5	13875.000	27.51	22.68	50.19	74.00	-23.81	peak
6	17700.000	24.85	25.17	50.02	74.00	-23.98	peak

Test Mode:	802.11g	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 7.3 V



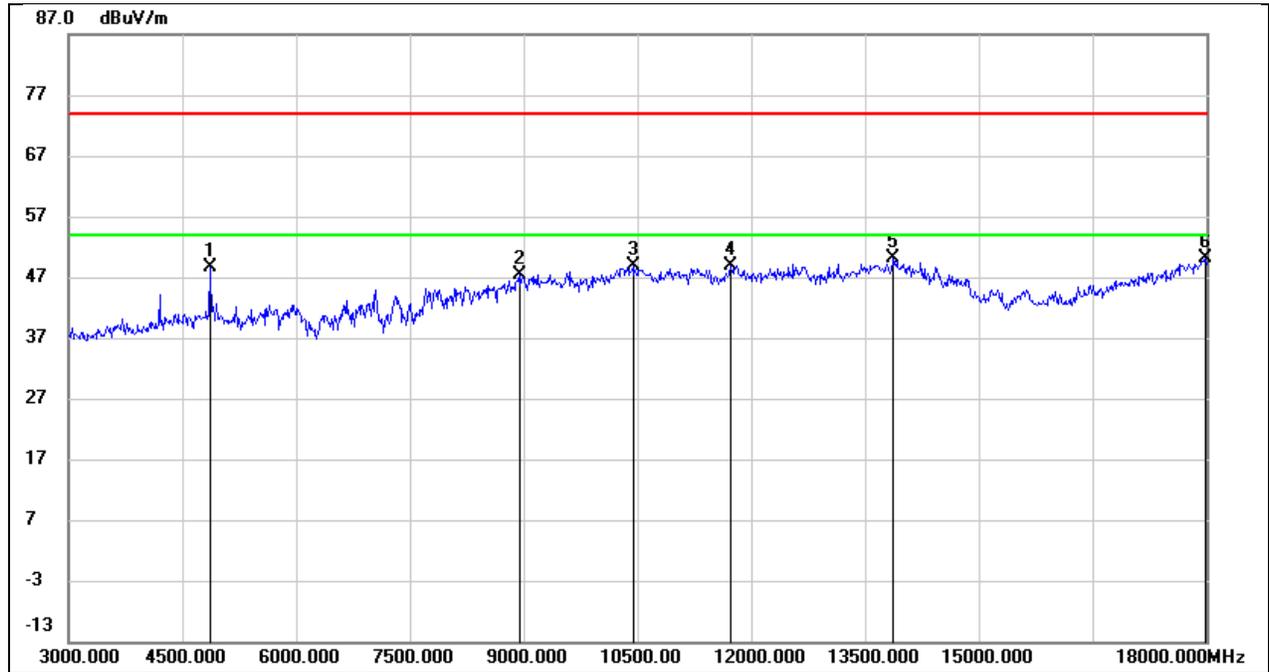
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	45.68	-1.57	44.11	74.00	-29.89	peak
2	4815.000	43.28	0.49	43.77	74.00	-30.23	peak
3	7500.000	43.16	7.18	50.34	74.00	-23.66	peak
4	11430.000	33.19	16.64	49.83	74.00	-24.17	peak
5	12285.000	31.64	18.60	50.24	74.00	-23.76	peak
6	17940.000	24.29	26.61	50.90	74.00	-23.10	peak

Test Mode:	802.11g	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



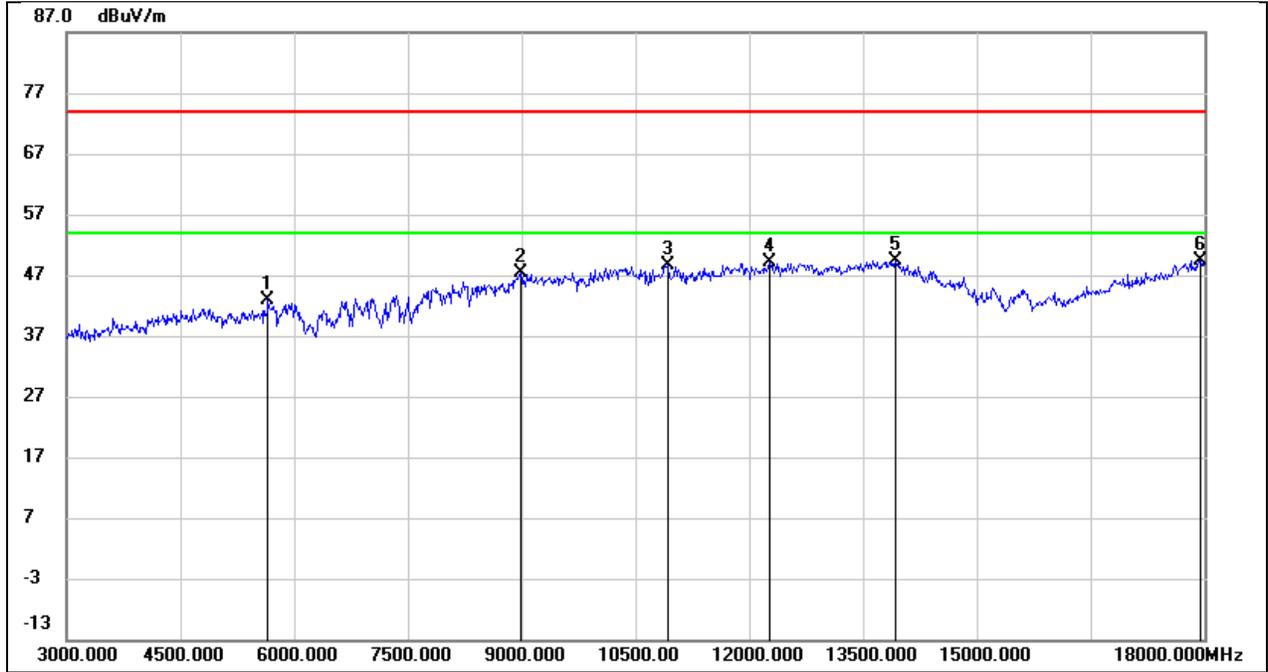
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	46.09	0.57	46.66	74.00	-27.34	peak
2	8940.000	36.40	10.35	46.75	74.00	-27.25	peak
3	10395.000	34.89	13.43	48.32	74.00	-25.68	peak
4	12255.000	30.42	18.50	48.92	74.00	-25.08	peak
5	13905.000	25.60	22.70	48.30	74.00	-25.70	peak
6	18000.000	21.07	26.83	47.90	74.00	-26.10	peak

Test Mode:	802.11g	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



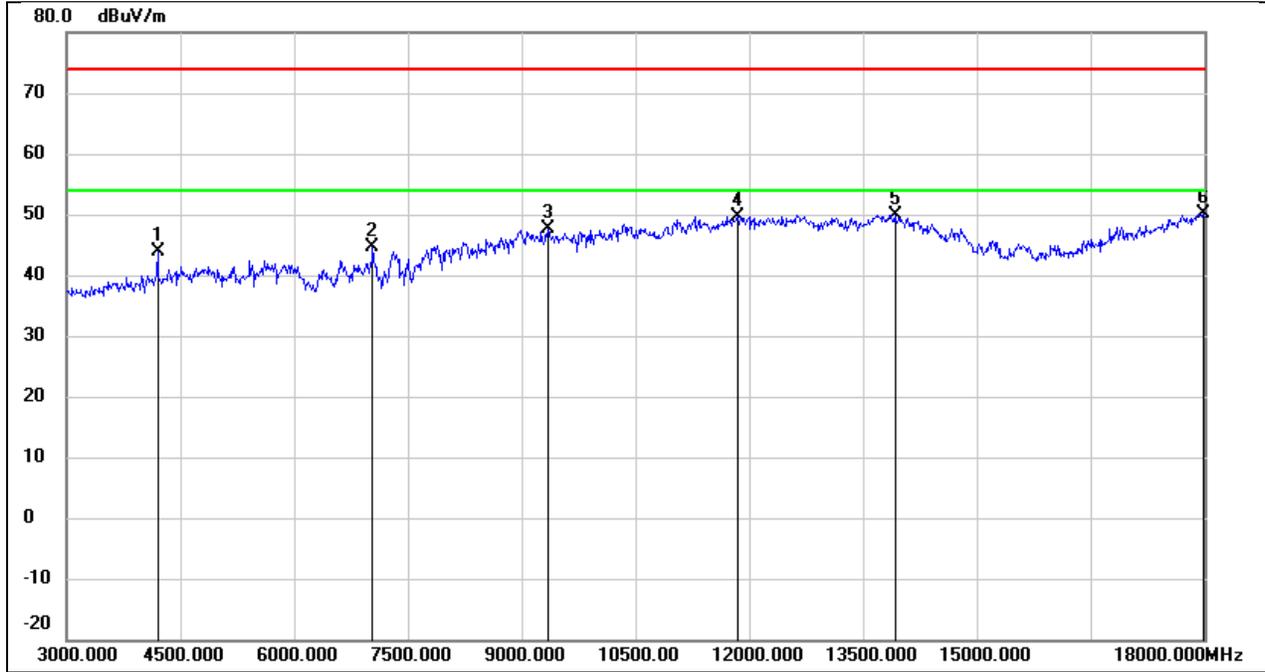
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	48.13	0.57	48.70	74.00	-25.30	peak
2	8940.000	37.12	10.35	47.47	74.00	-26.53	peak
3	10440.000	35.20	13.56	48.76	74.00	-25.24	peak
4	11730.000	31.47	17.41	48.88	74.00	-25.12	peak
5	13875.000	27.36	22.68	50.04	74.00	-23.96	peak
6	17985.000	23.40	26.77	50.17	74.00	-23.83	peak

Test Mode:	802.11g	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



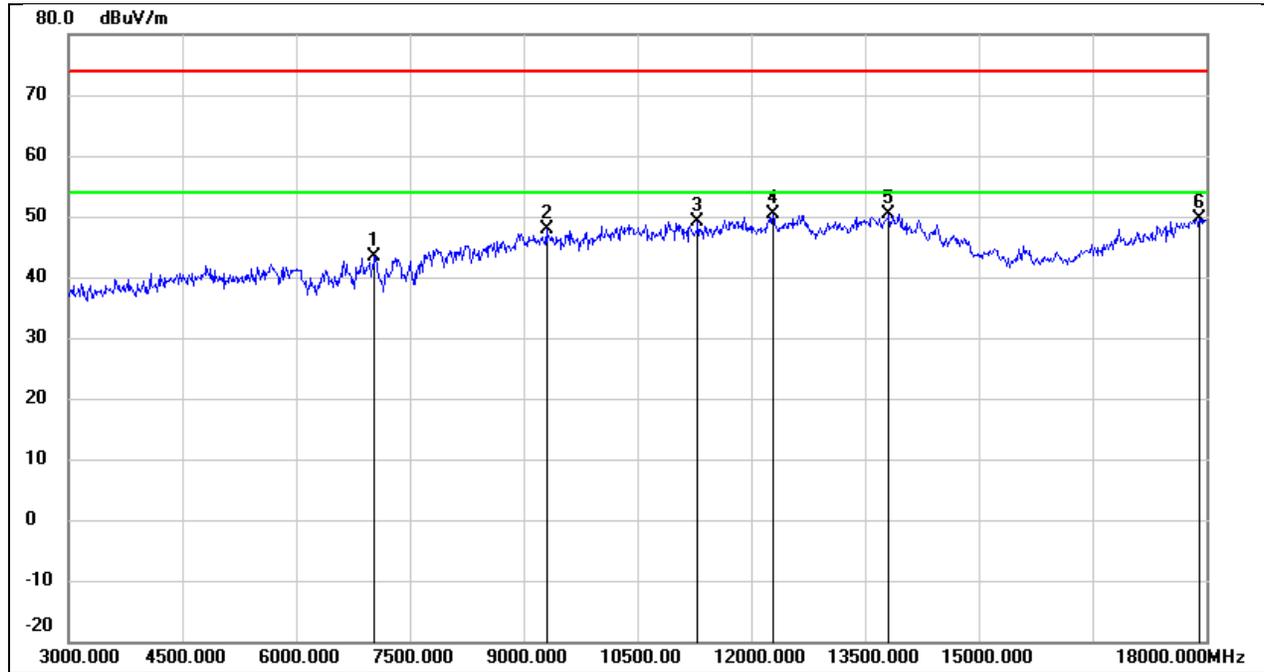
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5655.000	40.23	2.67	42.90	74.00	-31.10	peak
2	8985.000	36.52	10.97	47.49	74.00	-26.51	peak
3	10935.000	34.14	14.60	48.74	74.00	-25.26	peak
4	12270.000	30.64	18.55	49.19	74.00	-24.81	peak
5	13935.000	26.61	22.72	49.33	74.00	-24.67	peak
6	17940.000	22.74	26.61	49.35	74.00	-24.65	peak

Test Mode:	802.11g	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 7.3 V



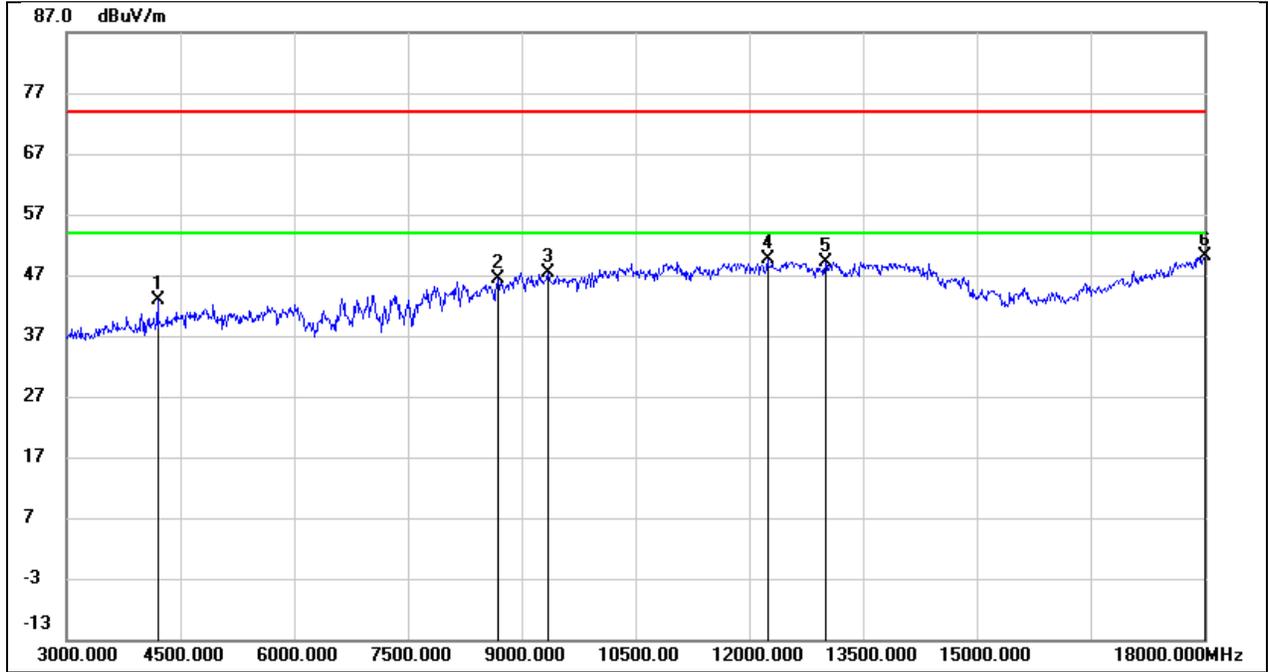
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	45.53	-1.57	43.96	74.00	-30.04	peak
2	7035.000	37.31	7.28	44.59	74.00	-29.41	peak
3	9345.000	37.40	10.32	47.72	74.00	-26.28	peak
4	11850.000	31.86	17.84	49.70	74.00	-24.30	peak
5	13920.000	27.24	22.71	49.95	74.00	-24.05	peak
6	17985.000	23.25	26.77	50.02	74.00	-23.98	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2412
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



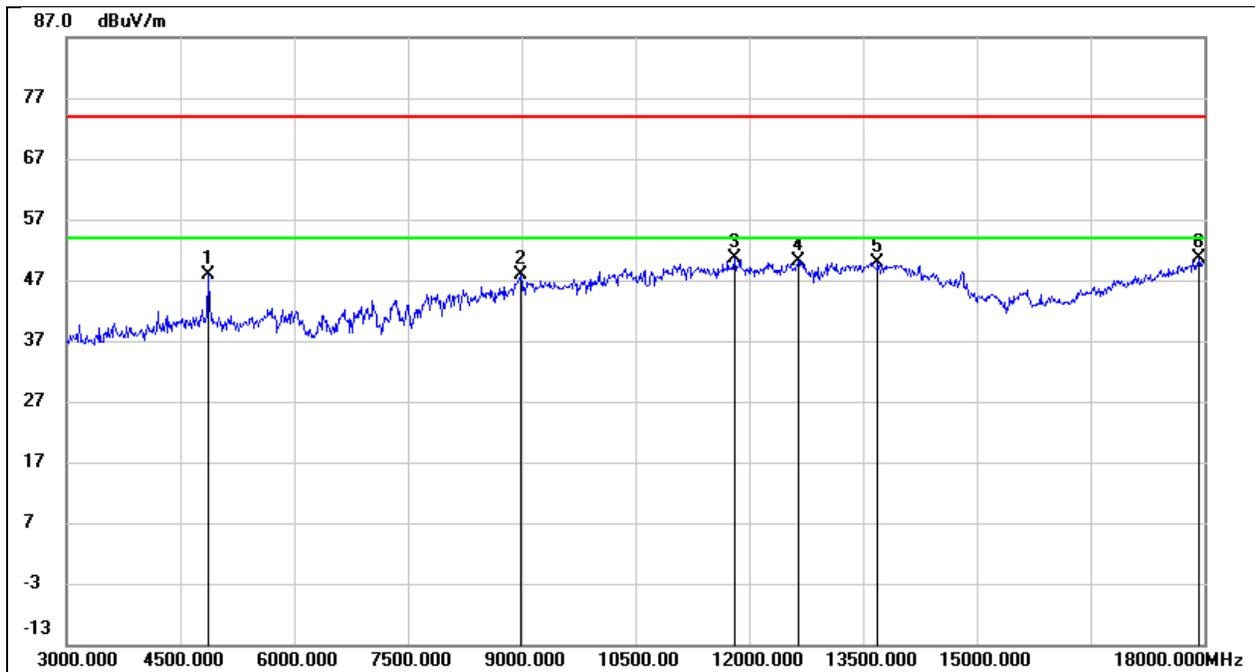
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7035.000	36.15	7.28	43.43	74.00	-30.57	peak
2	9300.000	37.57	10.23	47.80	74.00	-26.20	peak
3	11295.000	33.15	15.93	49.08	74.00	-24.92	peak
4	12285.000	31.79	18.60	50.39	74.00	-23.61	peak
5	13815.000	27.84	22.65	50.49	74.00	-23.51	peak
6	17910.000	23.14	26.50	49.64	74.00	-24.36	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2412
Polarity:	Vertical	Test Voltage:	DC 7.3 V



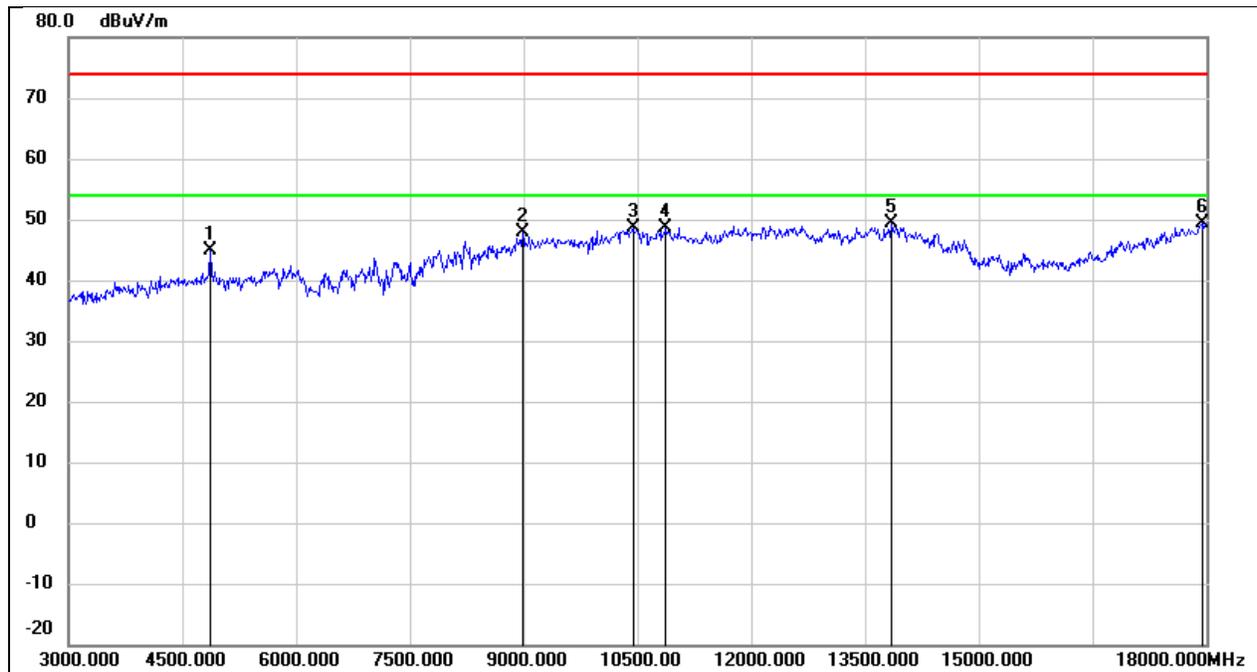
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	44.43	-1.57	42.86	74.00	-31.14	peak
2	8685.000	37.70	8.60	46.30	74.00	-27.70	peak
3	9345.000	37.01	10.32	47.33	74.00	-26.67	peak
4	12240.000	31.24	18.46	49.70	74.00	-24.30	peak
5	13005.000	30.05	19.11	49.16	74.00	-24.84	peak
6	18000.000	23.20	26.83	50.03	74.00	-23.97	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



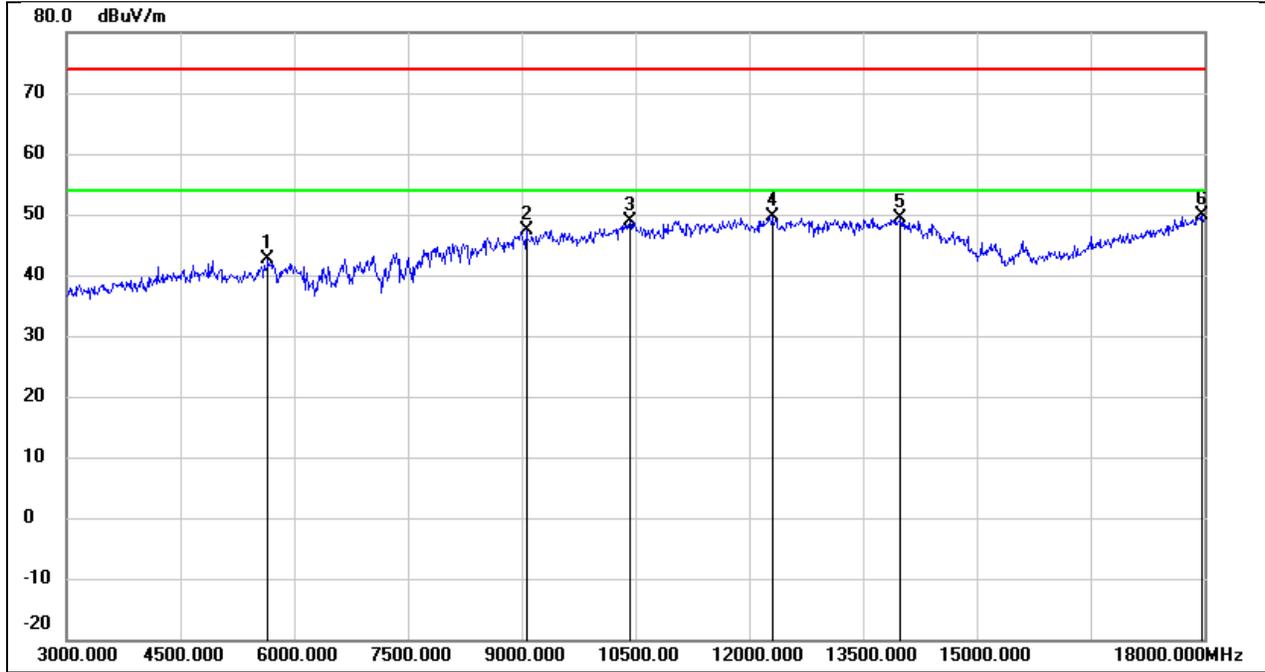
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	47.39	0.57	47.96	74.00	-26.04	peak
2	8985.000	36.96	10.97	47.93	74.00	-26.07	peak
3	11805.000	32.87	17.65	50.52	74.00	-23.48	peak
4	12645.000	31.78	18.44	50.22	74.00	-23.78	peak
5	13695.000	27.73	22.13	49.86	74.00	-24.14	peak
6	17925.000	23.97	26.55	50.52	74.00	-23.48	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



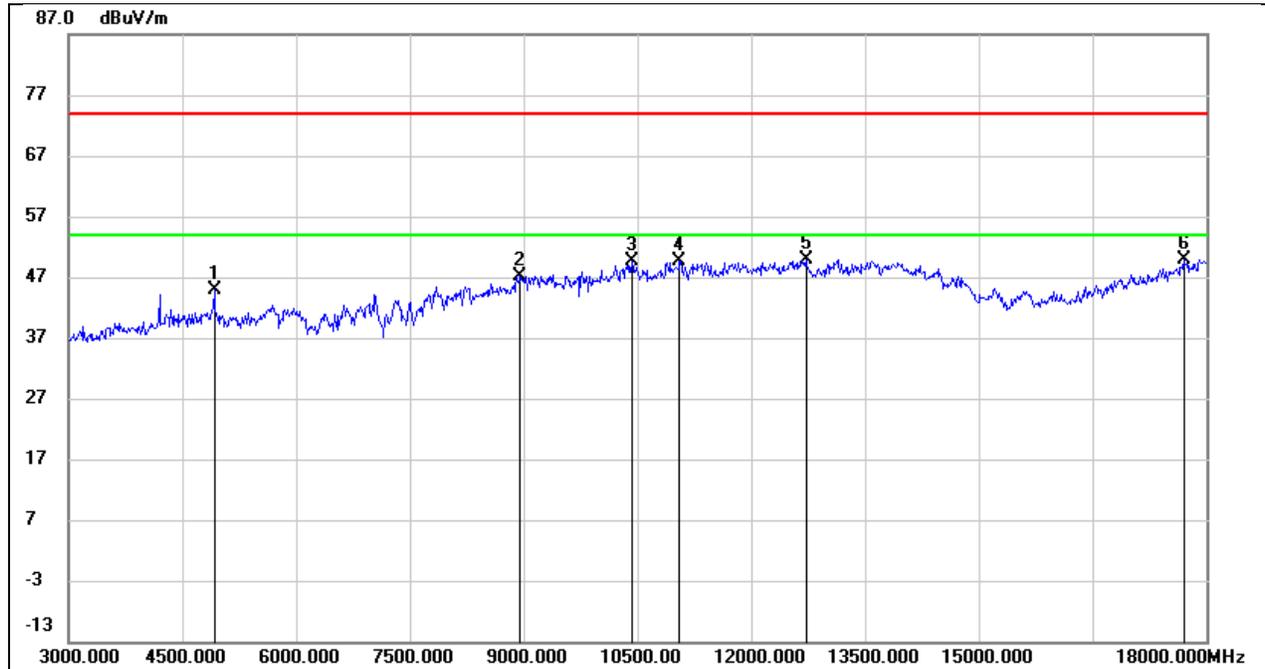
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4875.000	44.37	0.61	44.98	74.00	-29.02	peak
2	8985.000	36.81	10.97	47.78	74.00	-26.22	peak
3	10440.000	34.95	13.56	48.51	74.00	-25.49	peak
4	10875.000	34.43	14.31	48.74	74.00	-25.26	peak
5	13845.000	26.63	22.67	49.30	74.00	-24.70	peak
6	17940.000	22.86	26.61	49.47	74.00	-24.53	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2462
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



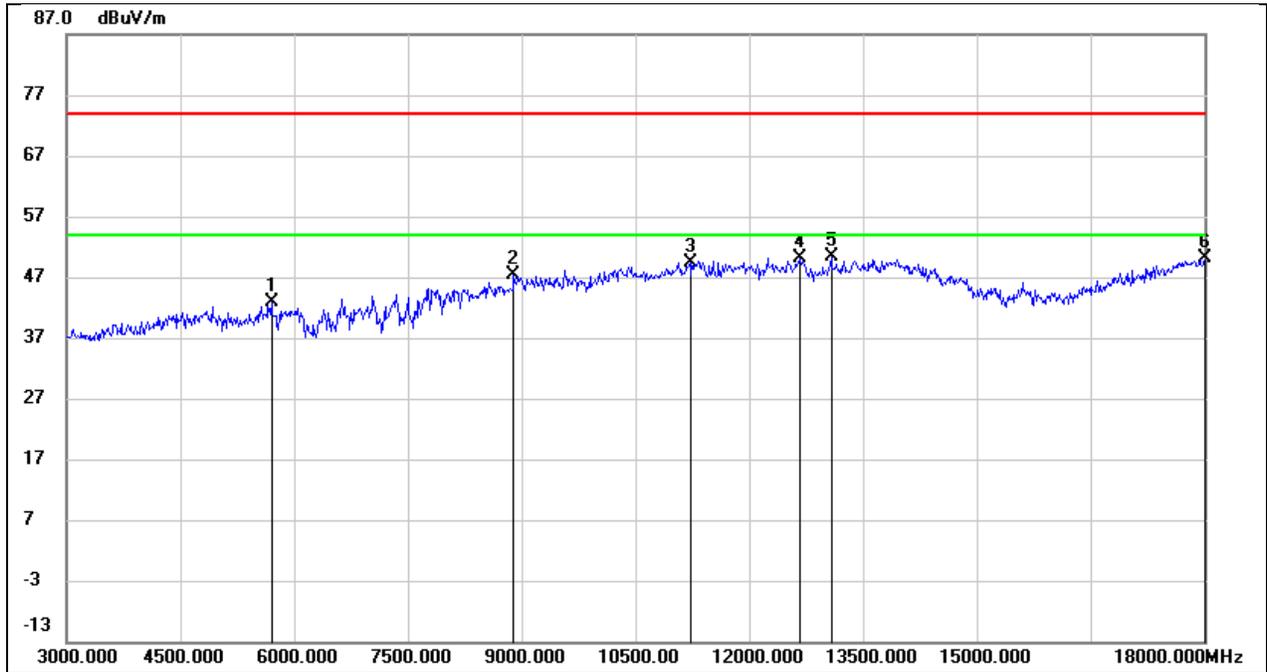
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5655.000	39.95	2.67	42.62	74.00	-31.38	peak
2	9060.000	36.60	10.82	47.42	74.00	-26.58	peak
3	10425.000	35.44	13.51	48.95	74.00	-25.05	peak
4	12300.000	30.95	18.65	49.60	74.00	-24.40	peak
5	13995.000	26.59	22.76	49.35	74.00	-24.65	peak
6	17970.000	23.06	26.72	49.78	74.00	-24.22	peak

Test Mode:	802.11n HT20	Frequency(MHz):	2462
Polarity:	Vertical	Test Voltage:	DC 7.3 V



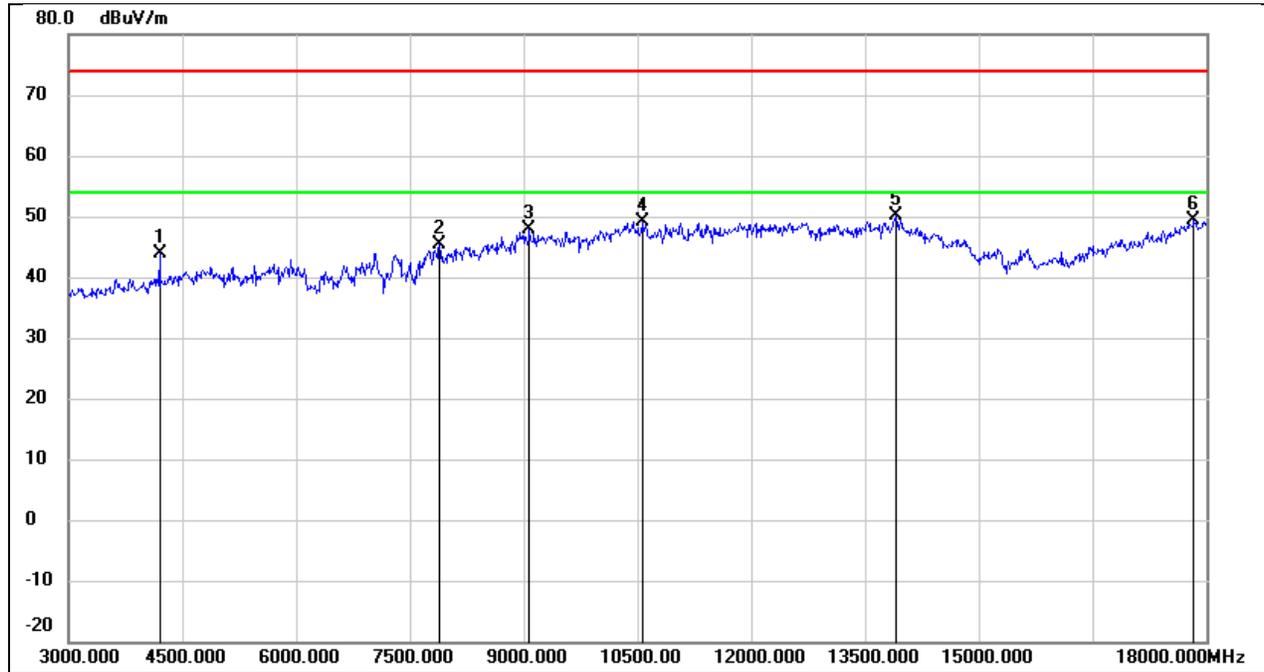
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	44.28	0.69	44.97	74.00	-29.03	peak
2	8955.000	36.59	10.56	47.15	74.00	-26.85	peak
3	10425.000	36.10	13.51	49.61	74.00	-24.39	peak
4	11055.000	34.64	15.04	49.68	74.00	-24.32	peak
5	12720.000	31.17	18.71	49.88	74.00	-24.12	peak
6	17700.000	24.75	25.17	49.92	74.00	-24.08	peak

Test Mode:	802.11n HT40	Frequency(MHz):	2422
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



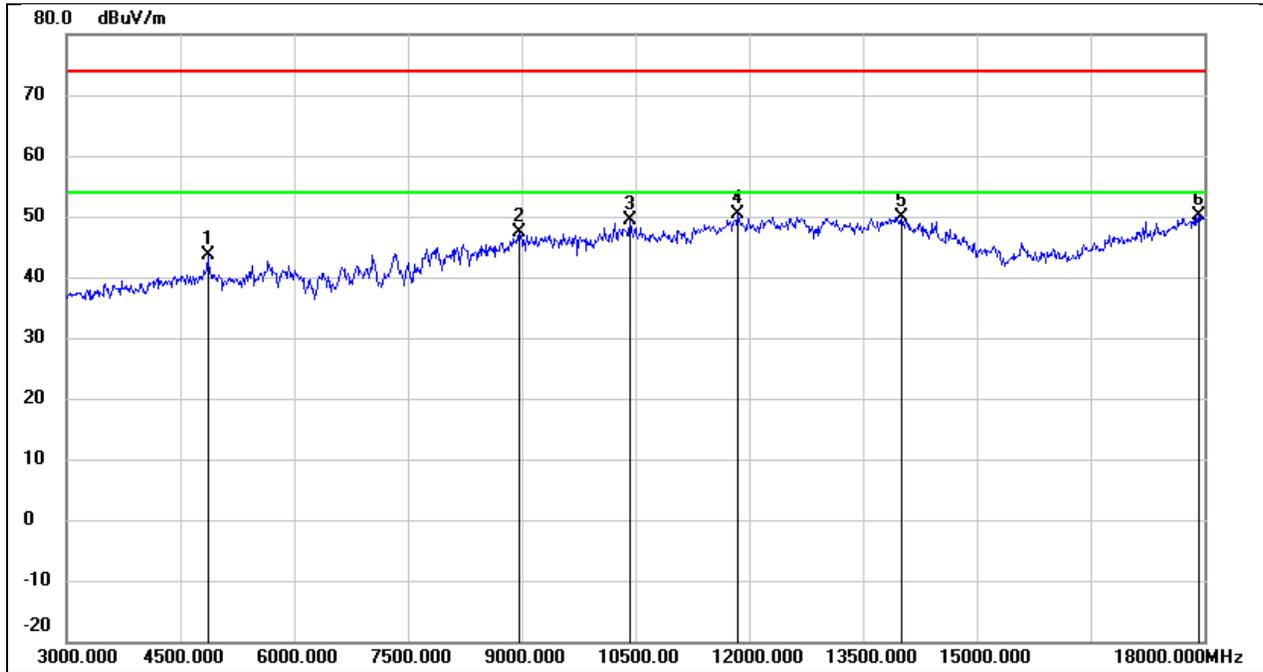
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5700.000	40.28	2.54	42.82	74.00	-31.18	peak
2	8895.000	37.77	9.73	47.50	74.00	-26.50	peak
3	11220.000	33.80	15.50	49.30	74.00	-24.70	peak
4	12660.000	31.70	18.49	50.19	74.00	-23.81	peak
5	13080.000	30.86	19.50	50.36	74.00	-23.64	peak
6	18000.000	23.39	26.83	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	2422
Polarity:	Vertical	Test Voltage:	DC 7.3 V



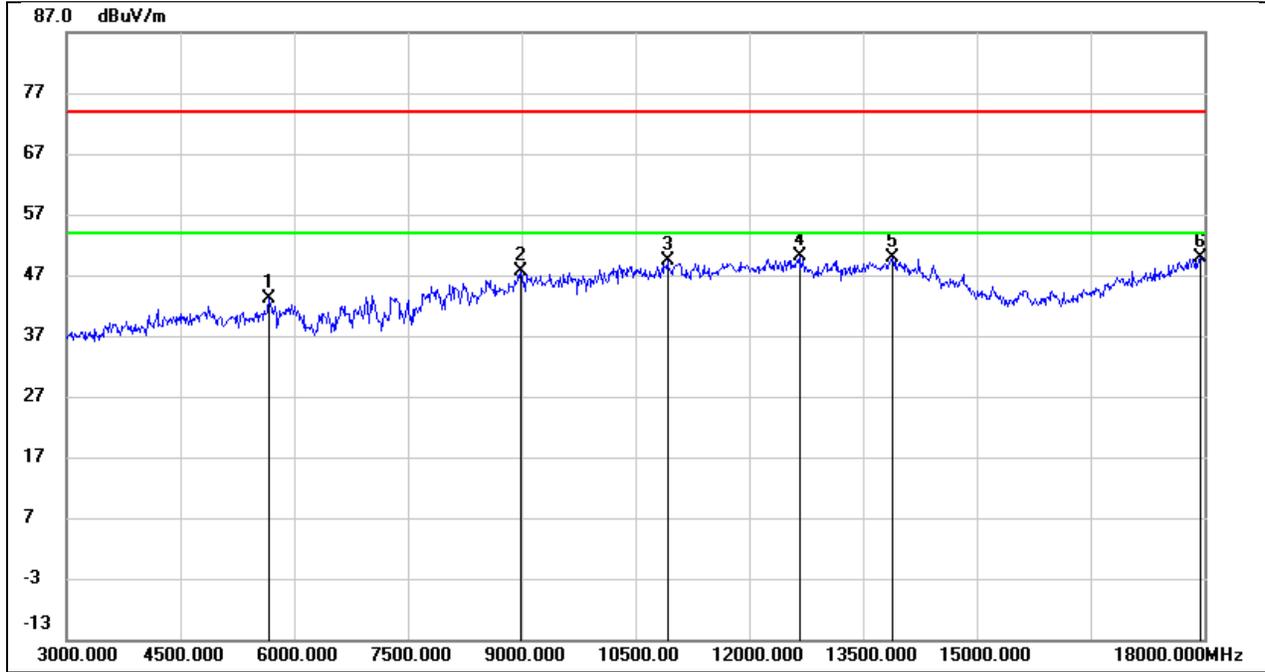
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	45.35	-1.57	43.78	74.00	-30.22	peak
2	7890.000	38.05	7.29	45.34	74.00	-28.66	peak
3	9075.000	37.11	10.74	47.85	74.00	-26.15	peak
4	10560.000	35.28	13.84	49.12	74.00	-24.88	peak
5	13905.000	27.34	22.70	50.04	74.00	-23.96	peak
6	17835.000	23.22	26.22	49.44	74.00	-24.56	peak

Test Mode:	802.11n HT40	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



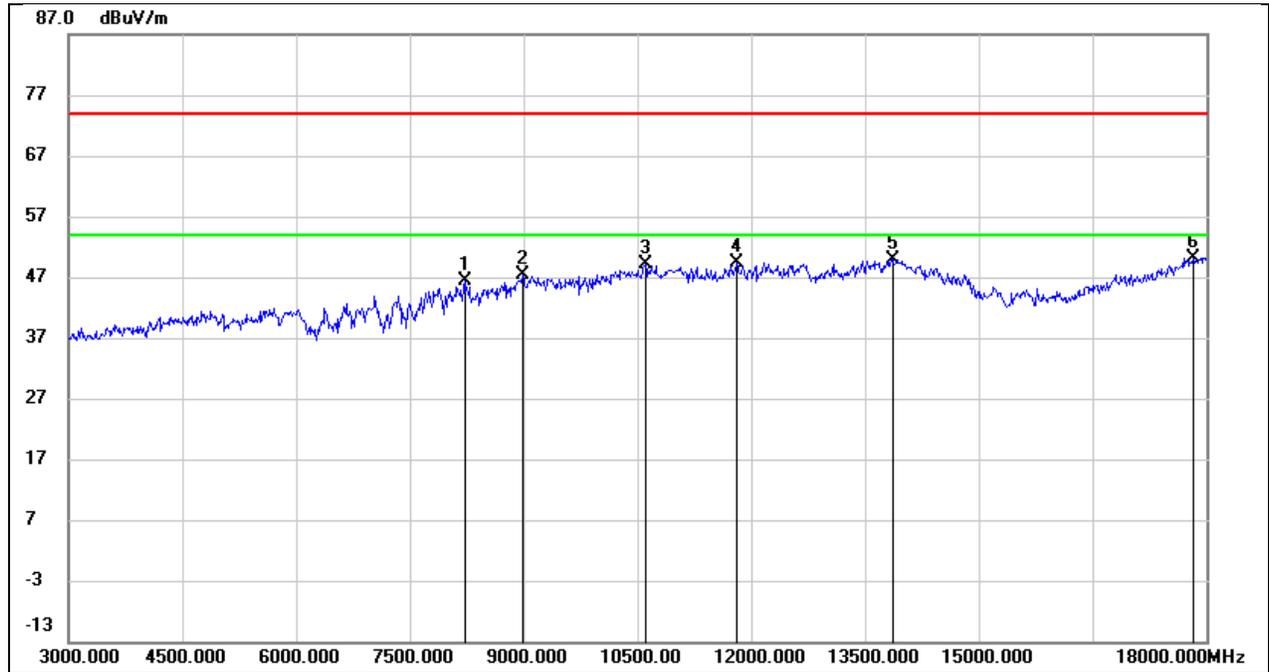
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4860.000	43.05	0.57	43.62	74.00	-30.38	peak
2	8970.000	36.54	10.75	47.29	74.00	-26.71	peak
3	10425.000	35.78	13.51	49.29	74.00	-24.71	peak
4	11850.000	32.64	17.84	50.48	74.00	-23.52	peak
5	14010.000	27.21	22.73	49.94	74.00	-24.06	peak
6	17925.000	23.67	26.55	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



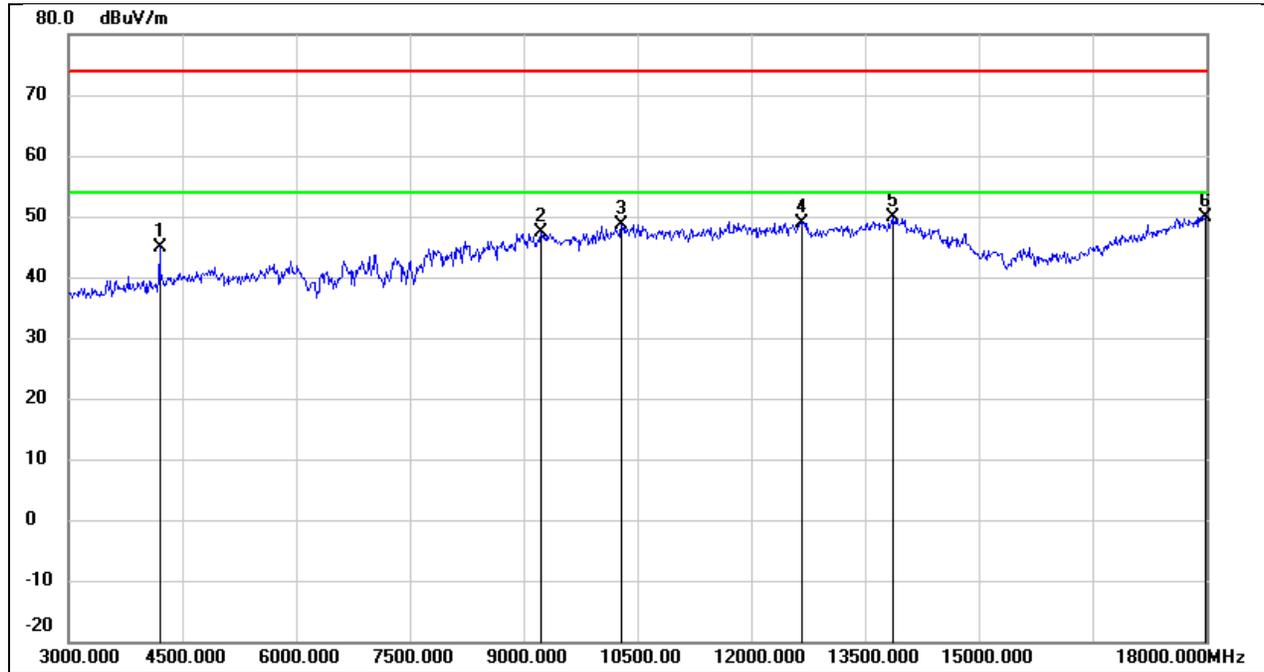
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5670.000	40.42	2.62	43.04	74.00	-30.96	peak
2	8985.000	36.69	10.97	47.66	74.00	-26.34	peak
3	10920.000	34.86	14.54	49.40	74.00	-24.60	peak
4	12660.000	31.64	18.49	50.13	74.00	-23.87	peak
5	13890.000	27.26	22.69	49.95	74.00	-24.05	peak
6	17940.000	23.24	26.61	49.85	74.00	-24.15	peak

Test Mode:	802.11n HT40	Frequency(MHz):	2452
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8220.000	37.52	8.76	46.28	74.00	-27.72	peak
2	8985.000	36.44	10.97	47.41	74.00	-26.59	peak
3	10605.000	35.11	13.94	49.05	74.00	-24.95	peak
4	11805.000	31.77	17.65	49.42	74.00	-24.58	peak
5	13860.000	27.32	22.68	50.00	74.00	-24.00	peak
6	17835.000	23.95	26.22	50.17	74.00	-23.83	peak

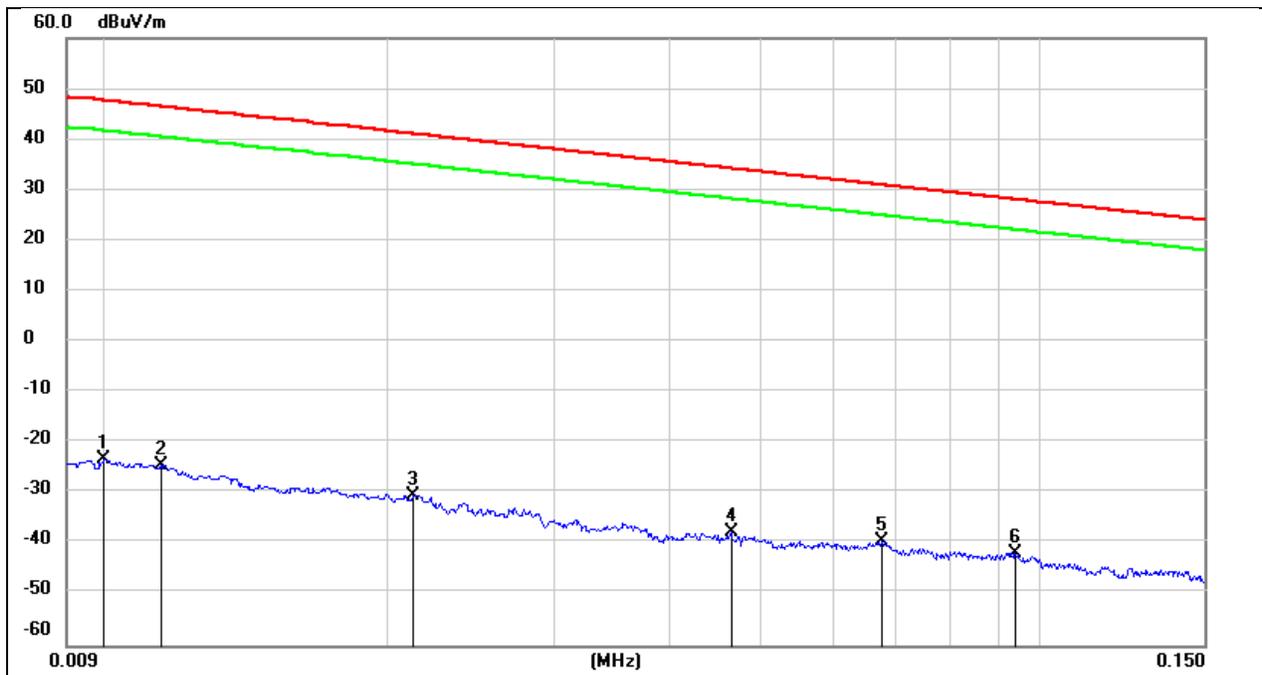
Test Mode:	802.11n HT40	Frequency(MHz):	2452
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4200.000	46.43	-1.57	44.86	74.00	-29.14	peak
2	9225.000	37.34	10.07	47.41	74.00	-26.59	peak
3	10290.000	35.60	12.93	48.53	74.00	-25.47	peak
4	12660.000	30.49	18.49	48.98	74.00	-25.02	peak
5	13875.000	27.21	22.68	49.89	74.00	-24.11	peak
6	17985.000	23.13	26.77	49.90	74.00	-24.10	peak

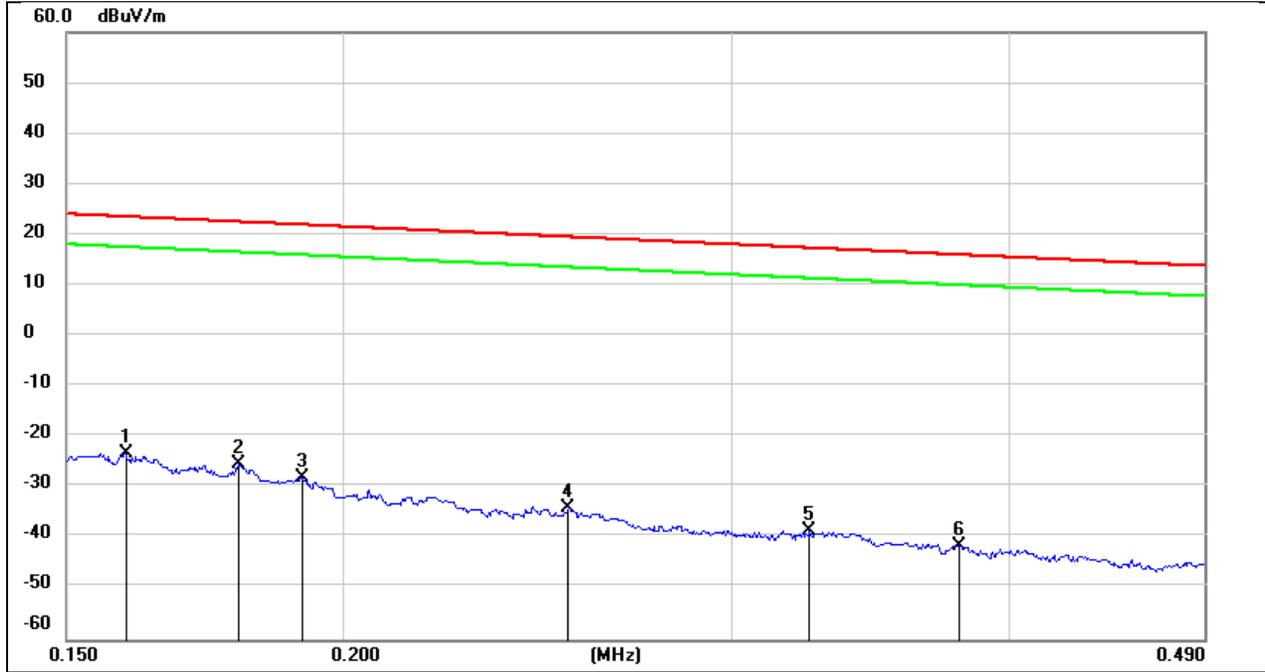
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



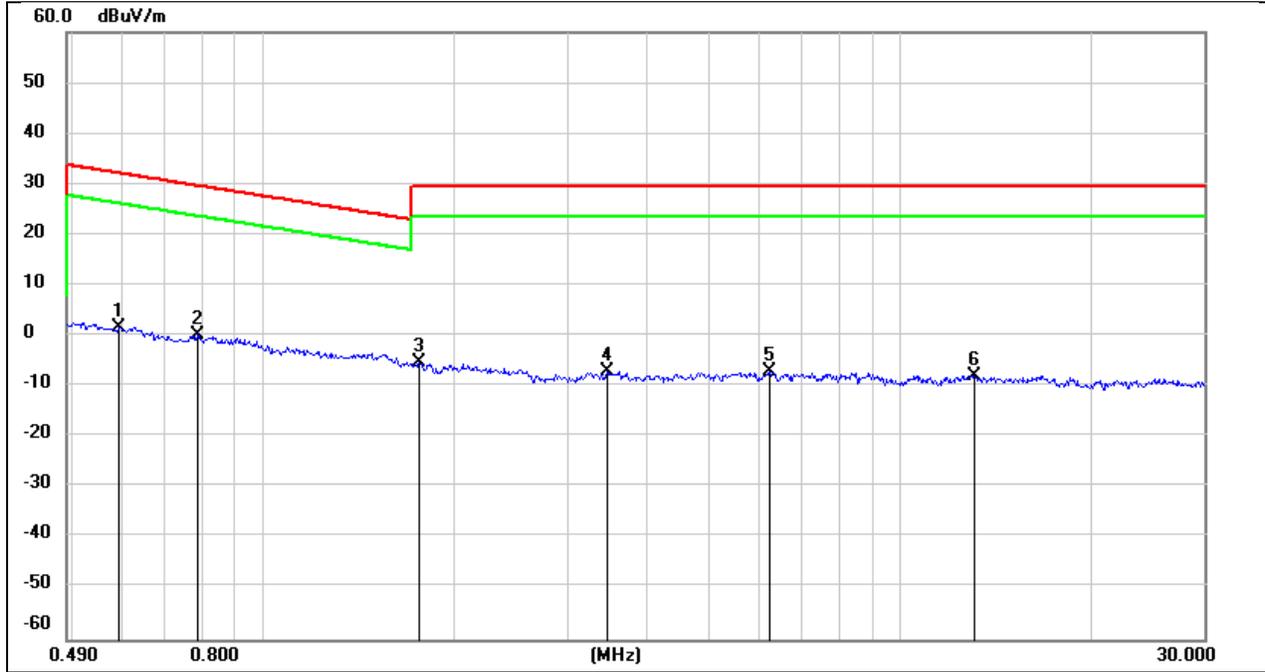
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.01	78.22	-101.4	-23.18	-74.68	47.6	-3.9	-70.78	peak
2	0.0114	77	-101.4	-24.4	-75.90	46.46	-5.04	-70.86	peak
3	0.0212	71.04	-101.35	-30.31	-81.81	41.07	-10.43	-71.38	peak
4	0.0466	63.67	-101.46	-37.79	-89.29	34.23	-17.27	-72.02	peak
5	0.0675	62.14	-101.56	-39.42	-90.92	31.02	-20.48	-70.44	peak
6	0.0942	59.83	-101.75	-41.92	-93.42	28.12	-23.38	-70.04	peak

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.1595	78.36	-101.65	-23.29	-74.79	23.55	-27.95	-46.84	peak
2	0.1794	76.27	-101.68	-25.41	-76.91	22.53	-28.97	-47.94	peak
3	0.1917	73.54	-101.7	-28.16	-79.66	21.95	-29.55	-50.11	peak
4	0.253	67.64	-101.8	-34.16	-85.66	19.54	-31.96	-53.70	peak
5	0.3251	63.21	-101.88	-38.67	-90.17	17.36	-34.14	-56.03	peak
6	0.38	60.52	-101.94	-41.42	-92.92	16.01	-35.49	-57.43	peak

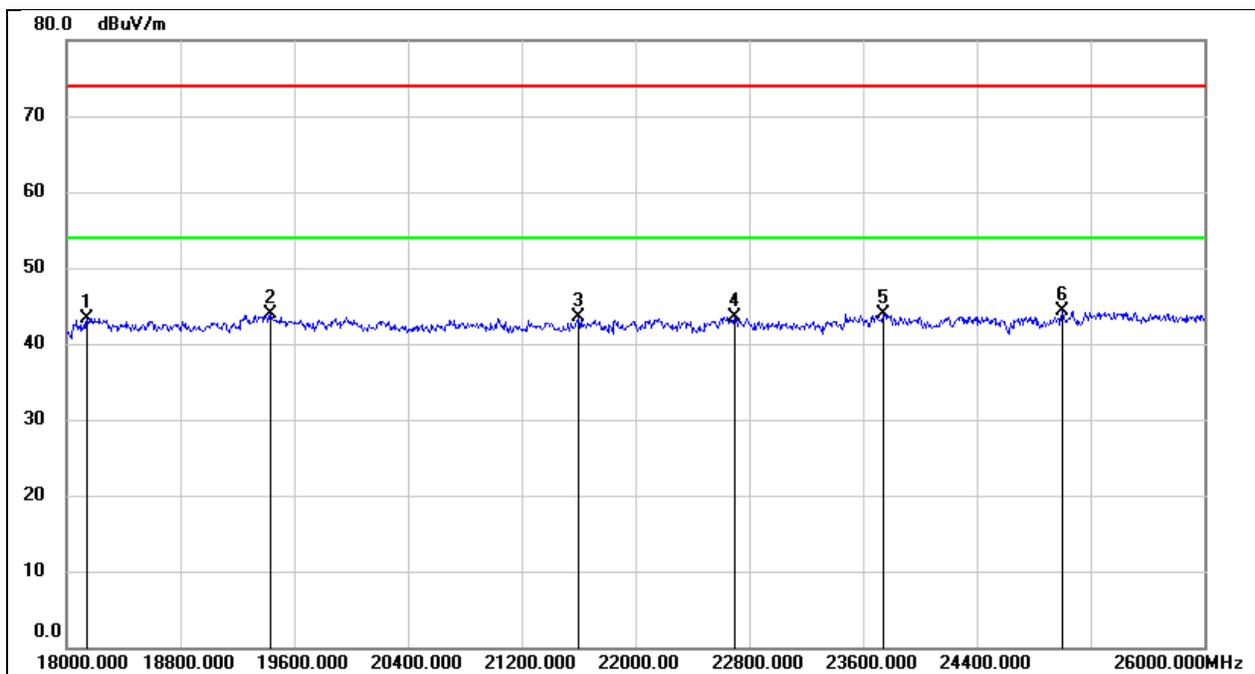
Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Loop Antenna Face On To The EUT	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Result (dBuA/m)	Limit (dBuV/m)	Limit (dBuA/m)	Margin (dB)	Remark
1	0.5917	63.74	-62.08	1.66	-49.84	32.16	-19.34	-30.50	peak
2	0.7861	62.33	-62.14	0.19	-51.31	29.69	-21.81	-29.50	peak
3	1.758	56.58	-61.93	-5.35	-56.85	29.54	-21.96	-34.89	peak
4	3.4704	54.35	-61.46	-7.11	-58.61	29.54	-21.96	-36.65	peak
5	6.2445	54.13	-61.32	-7.19	-58.69	29.54	-21.96	-36.73	peak
6	13.0907	53.13	-60.93	-7.8	-59.30	29.54	-21.96	-37.34	peak

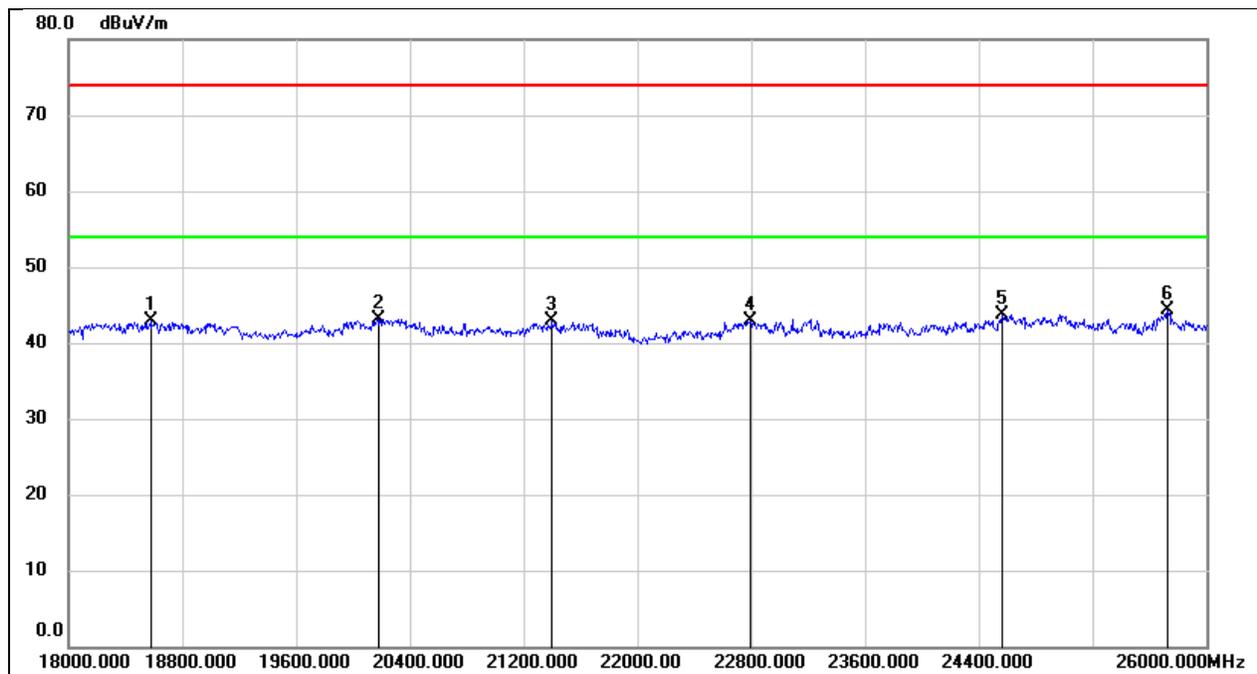
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	48.77	-5.48	43.29	74.00	-30.71	peak
2	19432.000	49.43	-5.57	43.86	74.00	-30.14	peak
3	21600.000	48.02	-4.54	43.48	74.00	-30.52	peak
4	22696.000	47.28	-3.73	43.55	74.00	-30.45	peak
5	23744.000	47.15	-3.20	43.95	74.00	-30.05	peak
6	25000.000	46.36	-2.10	44.26	74.00	-29.74	peak

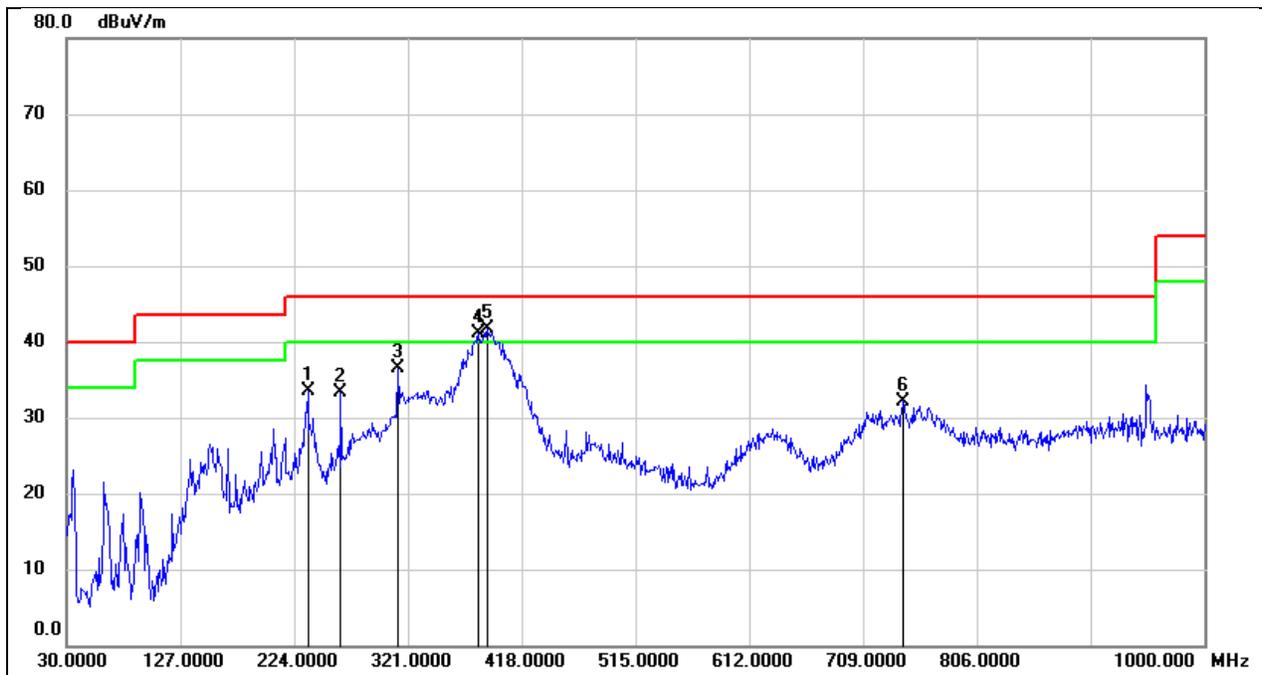
Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18576.000	48.29	-5.30	42.99	74.00	-31.01	peak
2	20176.000	48.71	-5.56	43.15	74.00	-30.85	peak
3	21400.000	47.54	-4.72	42.82	74.00	-31.18	peak
4	22792.000	46.61	-3.65	42.96	74.00	-31.04	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25728.000	45.11	-0.72	44.39	74.00	-29.61	peak

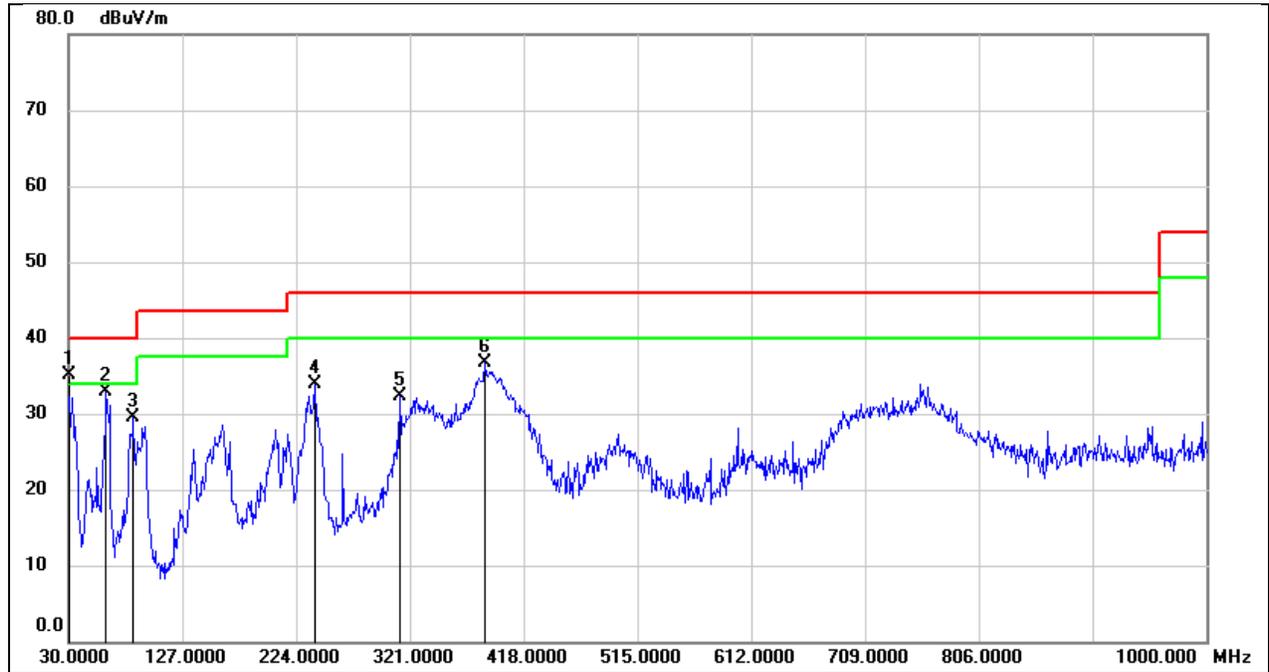
8.6. SPURIOUS EMISSIONS (30 MHZ ~ 1 GHZ)

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Horizontal	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	235.6400	47.46	-13.89	33.57	46.00	-12.43	QP
2	263.7700	47.22	-13.94	33.28	46.00	-12.72	QP
3	312.2700	47.68	-11.19	36.49	46.00	-9.51	QP
4	381.1400	50.72	-9.71	41.01	46.00	-4.99	QP
5	388.9000	51.40	-9.70	41.70	46.00	-4.30	QP
6	742.9500	35.84	-3.64	32.20	46.00	-13.80	QP

Test Mode:	802.11b	Frequency(MHz):	2437
Polarity:	Vertical	Test Voltage:	DC 7.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	48.42	-13.34	35.08	40.00	-4.92	QP
2	62.0100	48.14	-15.28	32.86	40.00	-7.14	QP
3	85.2900	46.28	-16.85	29.43	40.00	-10.57	QP
4	240.4900	48.16	-14.20	33.96	46.00	-12.04	QP
5	312.2700	43.58	-11.19	32.39	46.00	-13.61	QP
6	385.0200	46.48	-9.71	36.77	46.00	-9.23	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a)

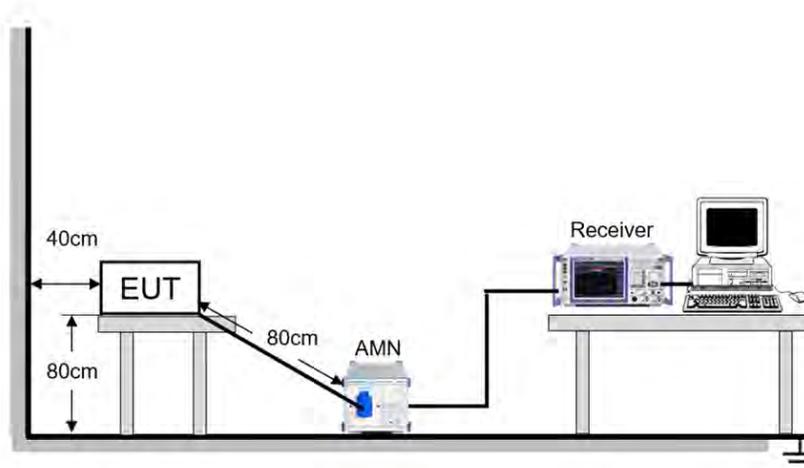
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST PROCEDURE

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP

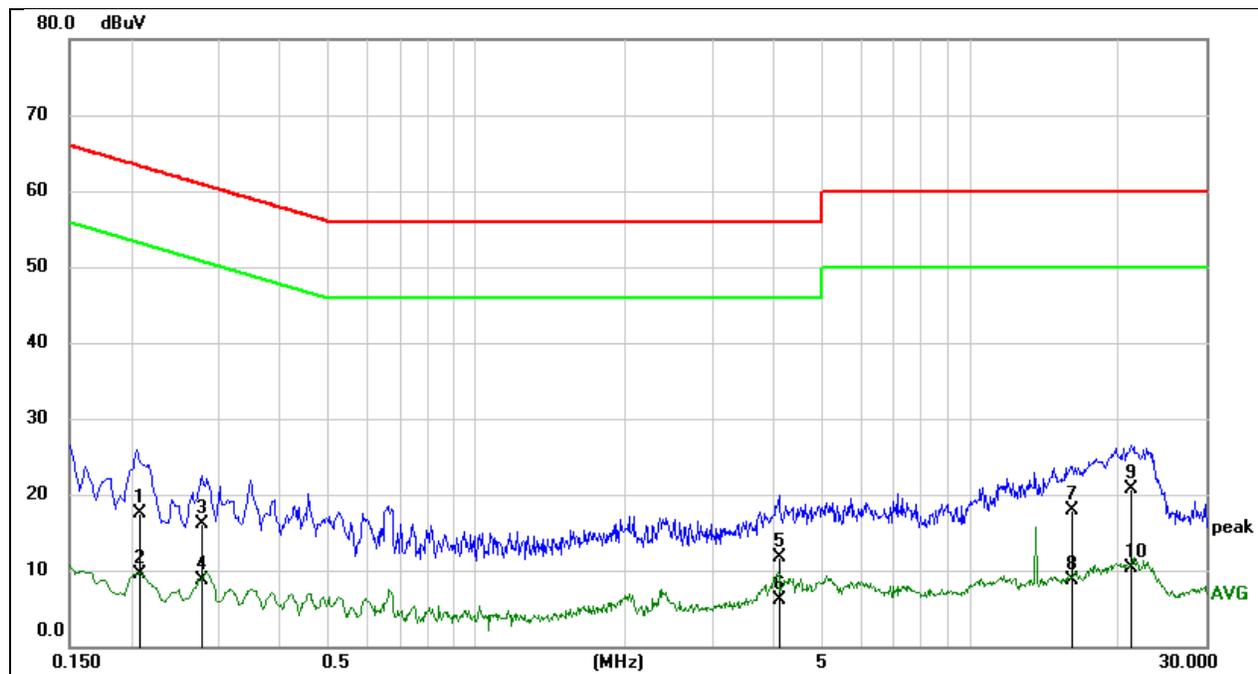


TEST ENVIRONMENT

Temperature	25.4 °C	Relative Humidity	59.5%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

TEST RESULTS

Test Mode:	802.11b	Frequency(MHz):	2437
Line:	L1	Test Voltage	AC 120 V, 60 Hz

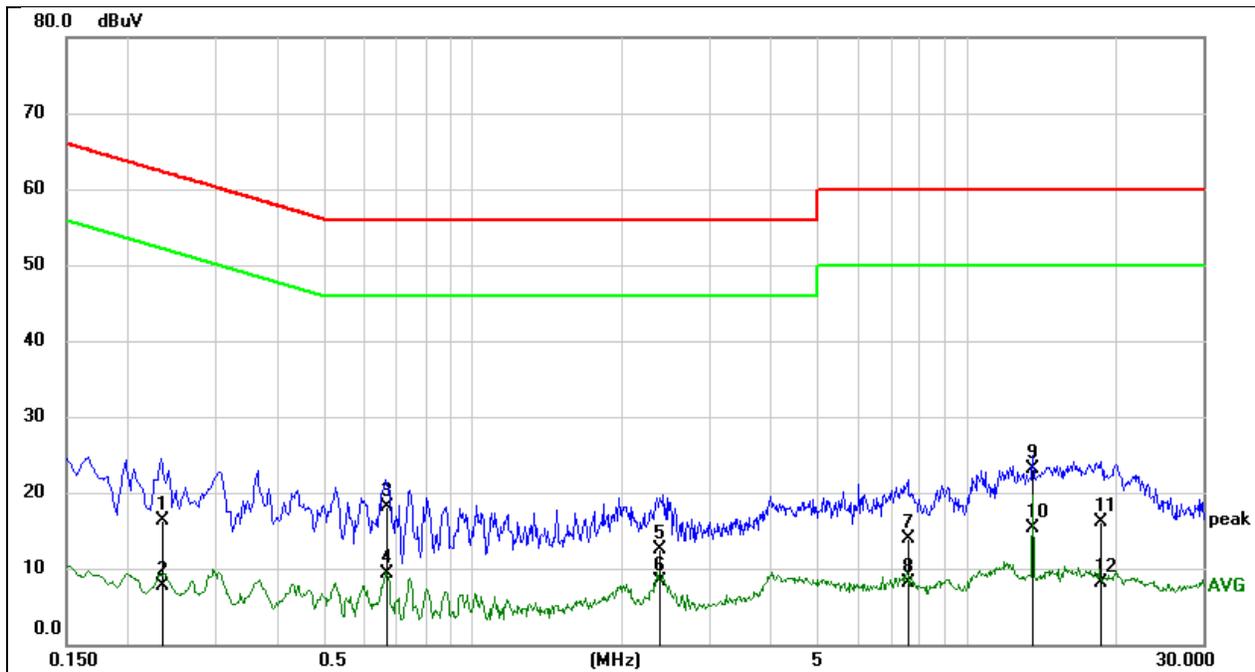


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2096	7.30	10.24	17.54	63.22	-45.68	QP
2	0.2096	-0.80	10.24	9.44	53.22	-43.78	AVG
3	0.2785	5.96	10.24	16.20	60.86	-44.66	QP
4	0.2785	-1.47	10.24	8.77	50.86	-42.09	AVG
5	4.0930	1.38	10.23	11.61	56.00	-44.39	QP
6	4.0930	-4.08	10.23	6.15	46.00	-39.85	AVG
7	16.0838	7.27	10.61	17.88	60.00	-42.12	QP
8	16.0838	-1.88	10.61	8.73	50.00	-41.27	AVG
9	21.2256	9.86	10.84	20.70	60.00	-39.30	QP
10	21.2256	-0.44	10.84	10.40	50.00	-39.60	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Test Mode:	802.11b	Frequency(MHz):	2437
Line:	N	Test Voltage	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2344	6.12	10.13	16.25	62.29	-46.04	QP
2	0.2344	-2.40	10.13	7.73	52.29	-44.56	AVG
3	0.6718	8.02	10.03	18.05	56.00	-37.95	QP
4	0.6718	-0.66	10.03	9.37	46.00	-36.63	AVG
5	2.3957	2.42	10.10	12.52	56.00	-43.48	QP
6	2.3957	-1.82	10.10	8.28	46.00	-37.72	AVG
7	7.5656	3.46	10.43	13.89	60.00	-46.11	QP
8	7.5656	-2.30	10.43	8.13	50.00	-41.87	AVG
9	13.5601	12.52	10.58	23.10	60.00	-36.90	QP
10	13.5601	4.74	10.58	15.32	50.00	-34.68	AVG
11	18.6822	5.24	10.86	16.10	60.00	-43.90	QP
12	18.6822	-2.83	10.86	8.03	50.00	-41.97	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 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. 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.

Please refer to FCC part 15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. 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.

DESCRIPTION

Pass

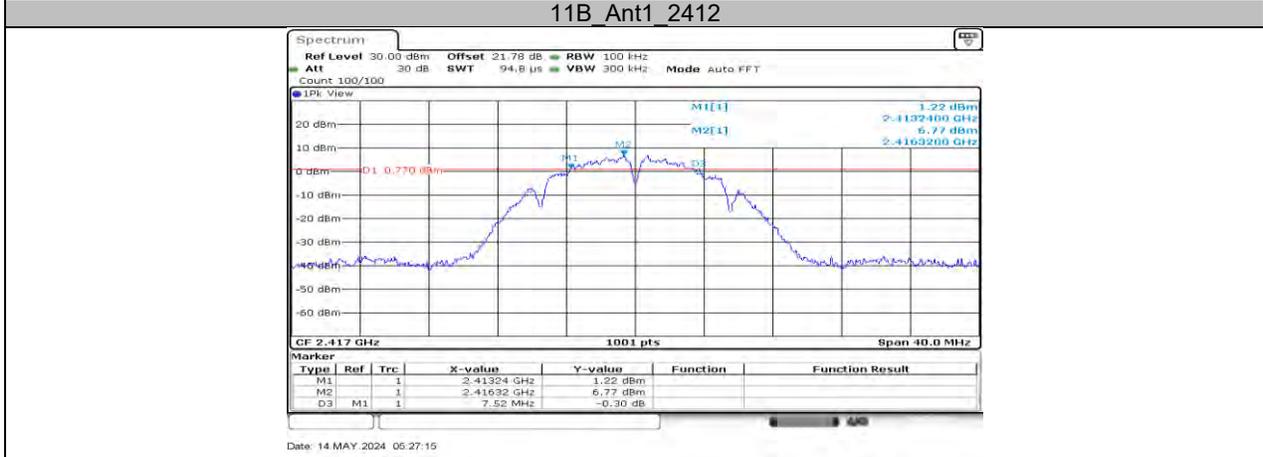
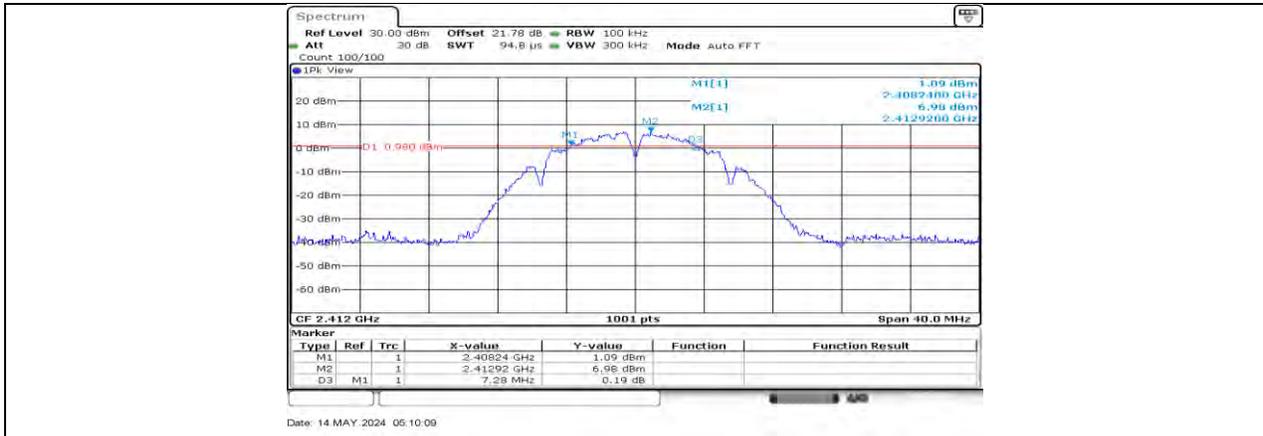
11. TEST DATA

11.1. APPENDIX A: DTS BANDWIDTH

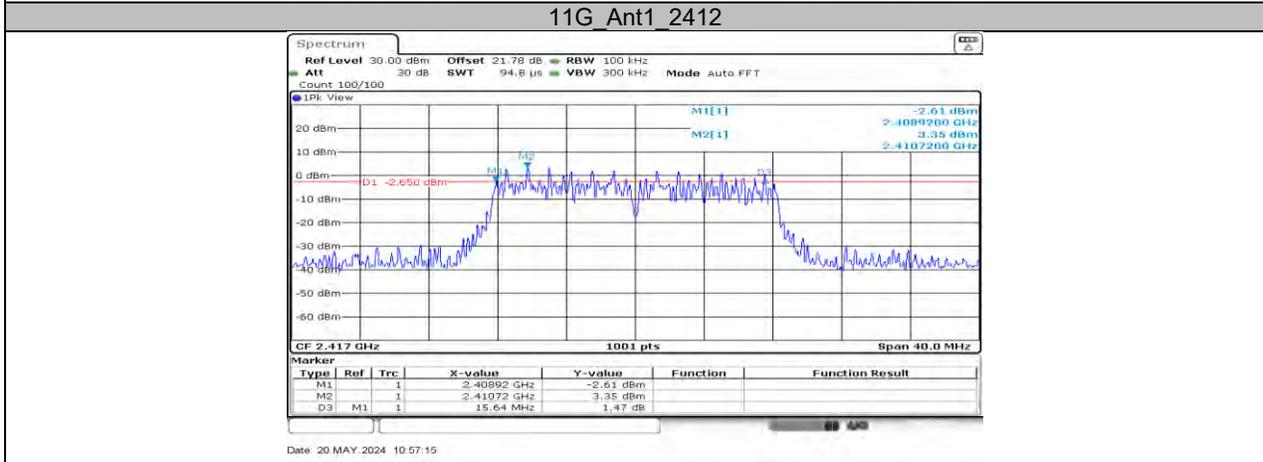
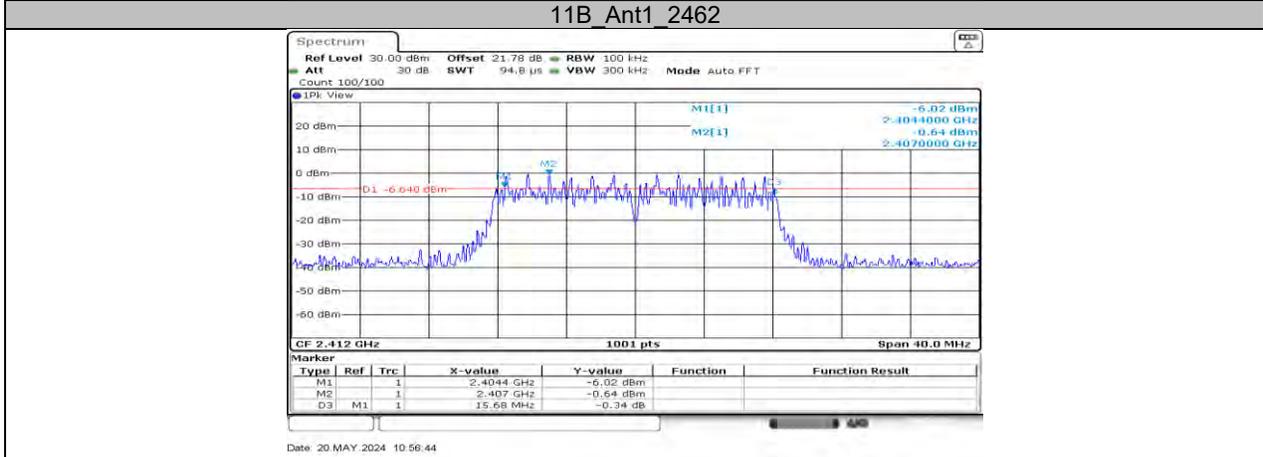
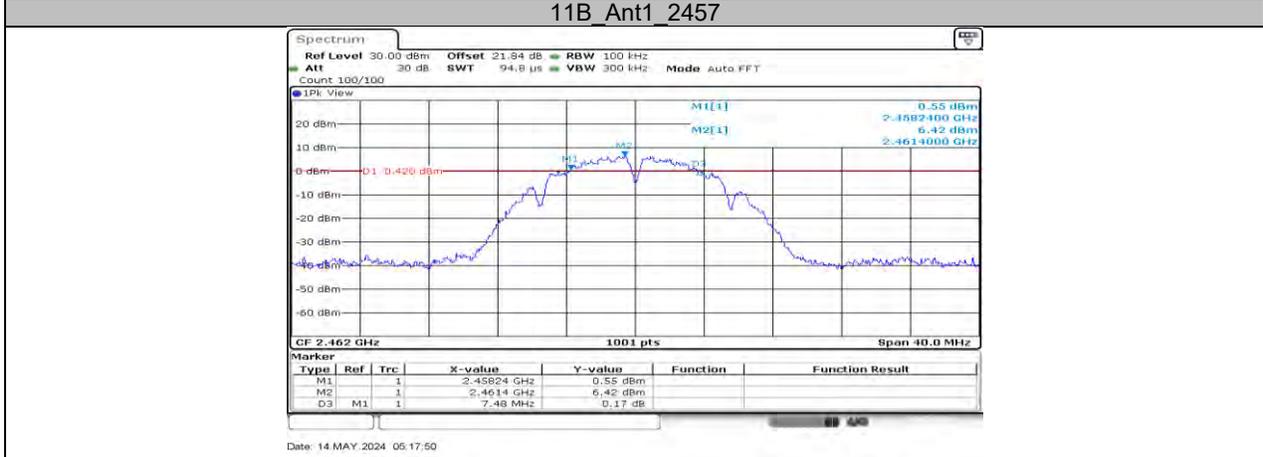
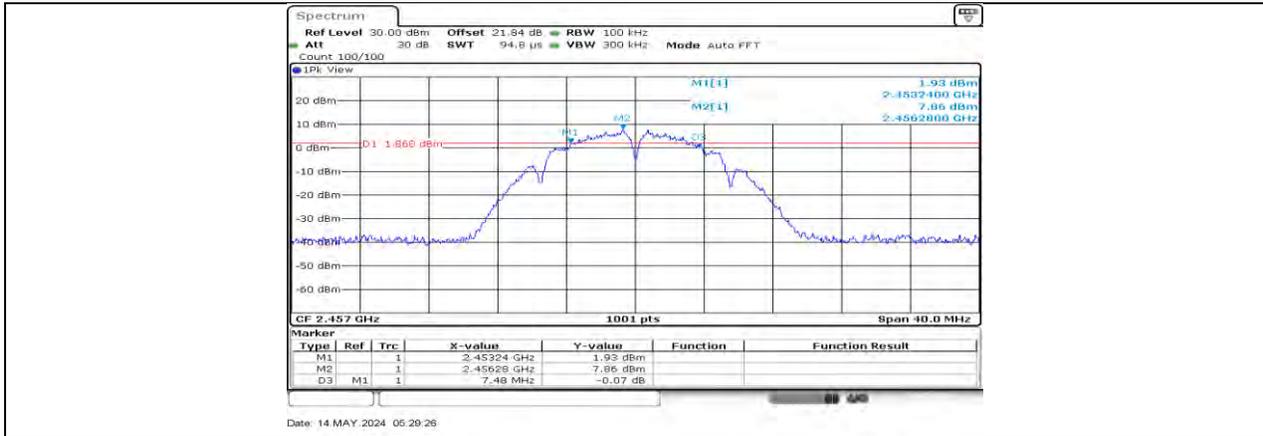
11.1.1. Test Result

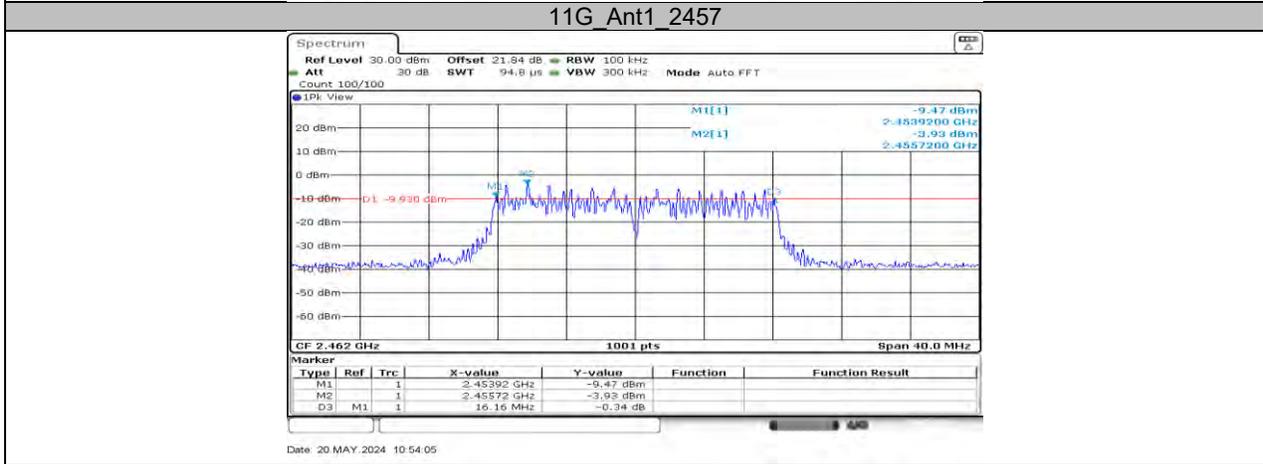
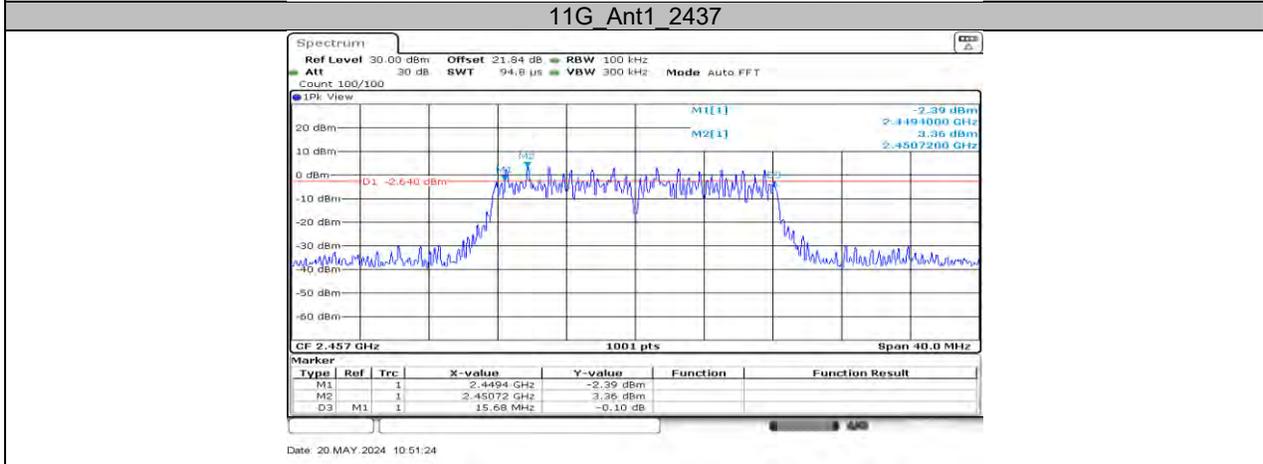
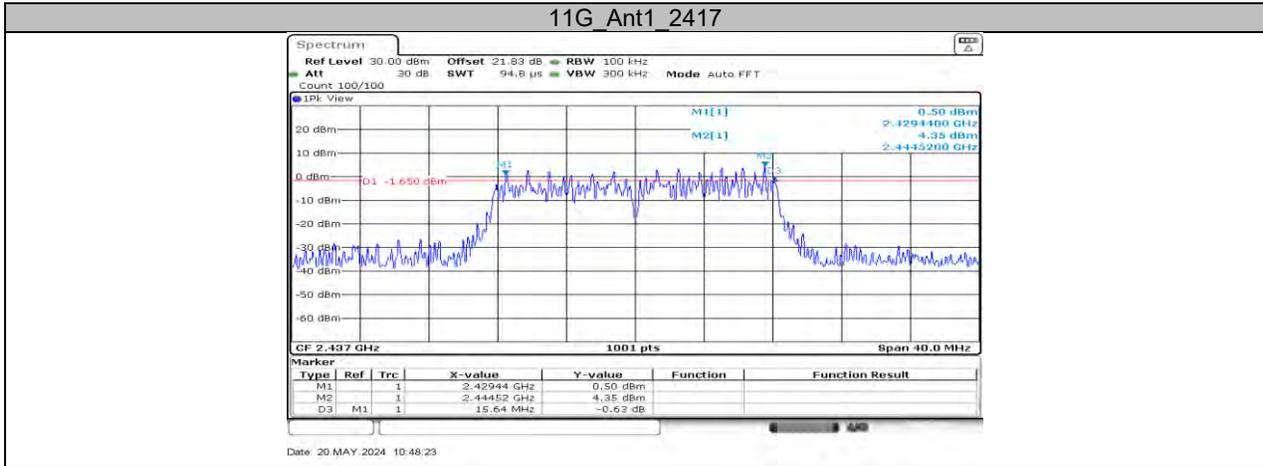
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.28	2408.24	2415.52	≥0.5	PASS
		2417	7.52	2413.24	2420.76	≥0.5	PASS
		2437	7.48	2433.40	2440.88	≥0.5	PASS
		2457	7.48	2453.24	2460.72	≥0.5	PASS
		2462	7.48	2458.24	2465.72	≥0.5	PASS
11G	Ant1	2412	15.68	2404.40	2420.08	≥0.5	PASS
		2417	15.64	2408.92	2424.56	≥0.5	PASS
		2437	15.64	2429.44	2445.08	≥0.5	PASS
		2457	15.68	2449.40	2465.08	≥0.5	PASS
		2462	16.16	2453.92	2470.08	≥0.5	PASS
11N20SISO	Ant1	2412	17.48	2403.20	2420.68	≥0.5	PASS
		2417	17.72	2408.12	2425.84	≥0.5	PASS
		2437	17.24	2428.60	2445.84	≥0.5	PASS
		2457	17.40	2448.24	2465.64	≥0.5	PASS
		2462	17.68	2453.12	2470.80	≥0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.48	2439.60	≥0.5	PASS
		2427	35.76	2409.00	2444.76	≥0.5	PASS
		2437	35.68	2419.48	2455.16	≥0.5	PASS
		2447	33.84	2430.76	2464.60	≥0.5	PASS
		2452	33.84	2435.76	2469.60	≥0.5	PASS

11.1.2. Test Graphs

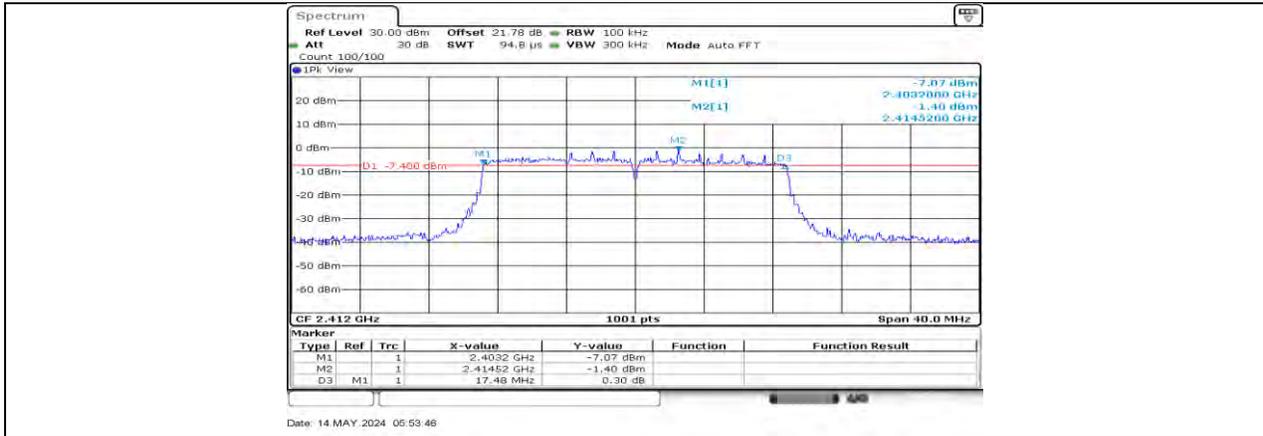


11B_Ant1_2437

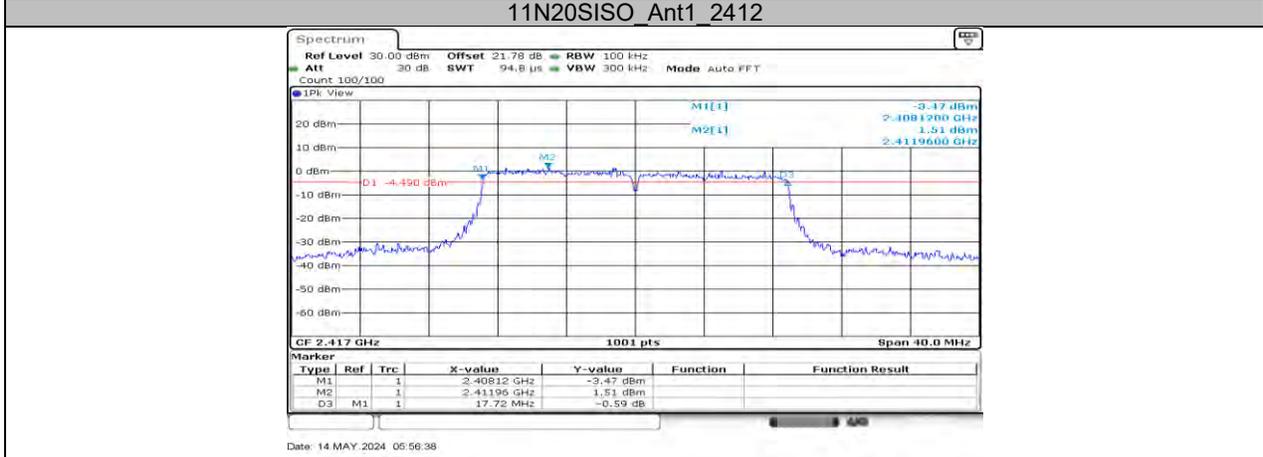




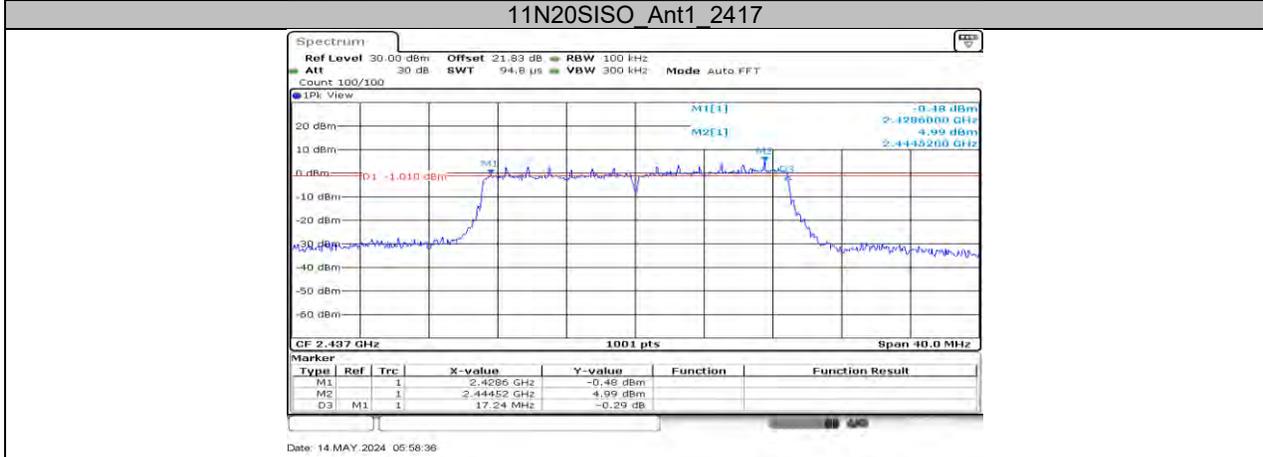
11G Ant1_2462



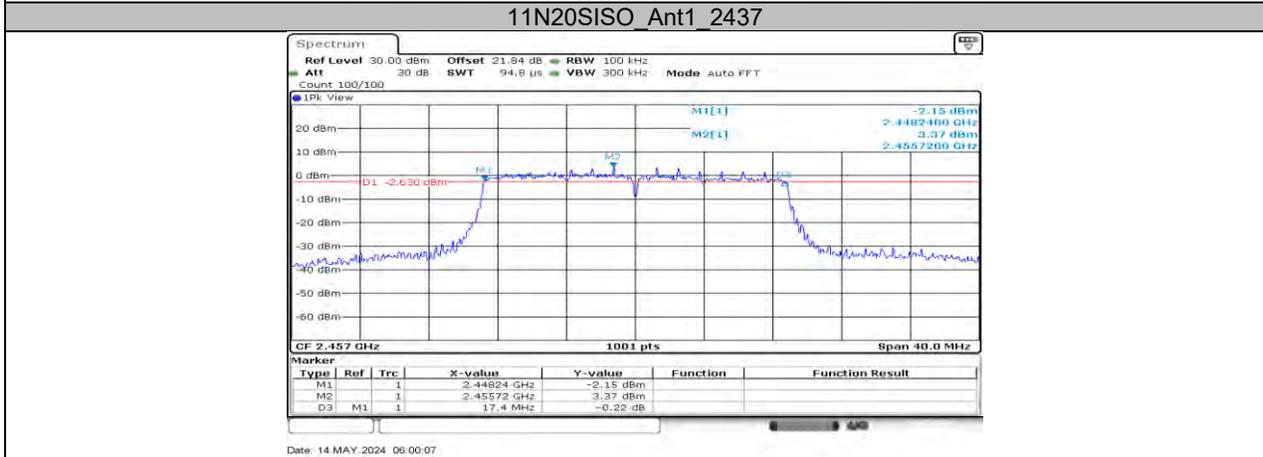
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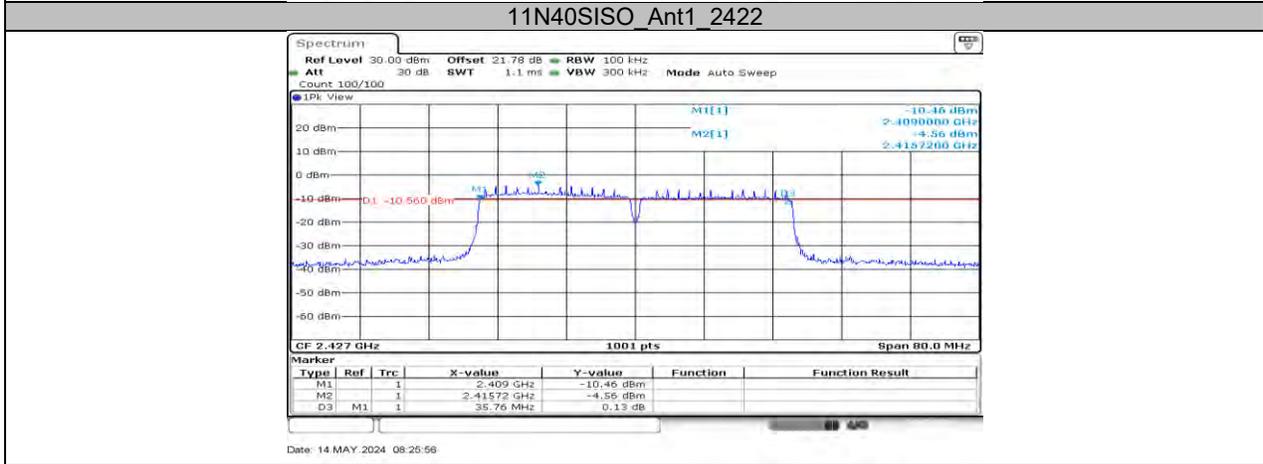
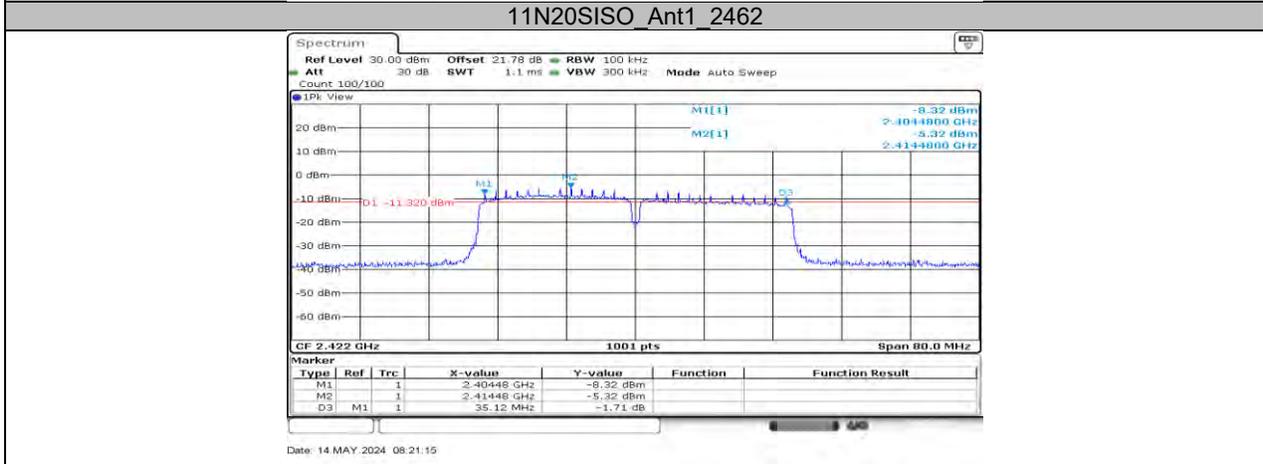
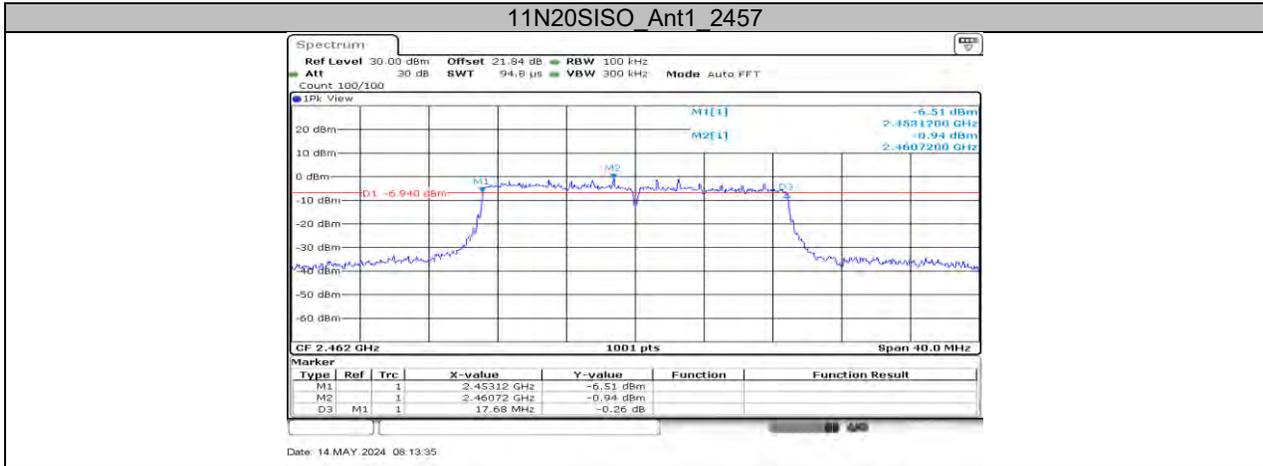
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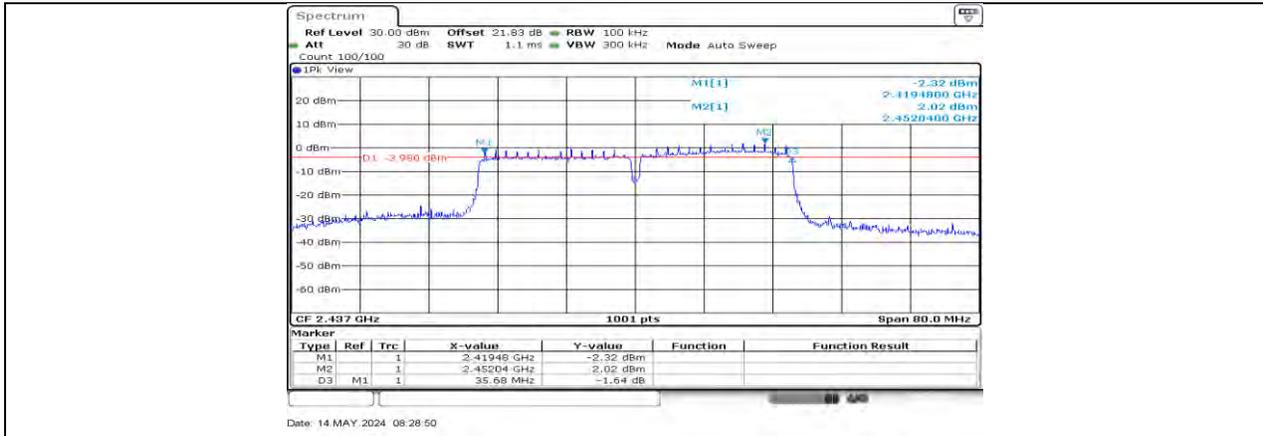
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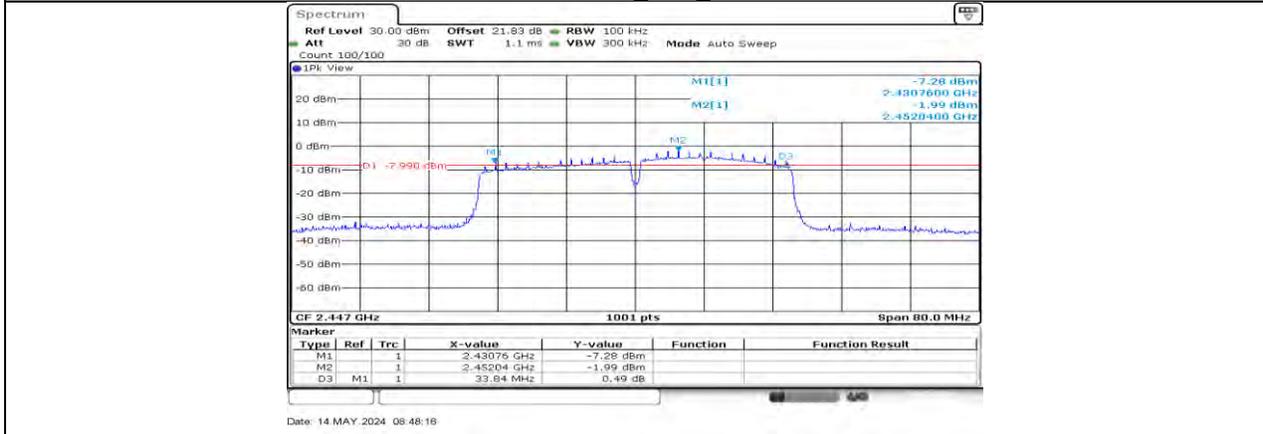
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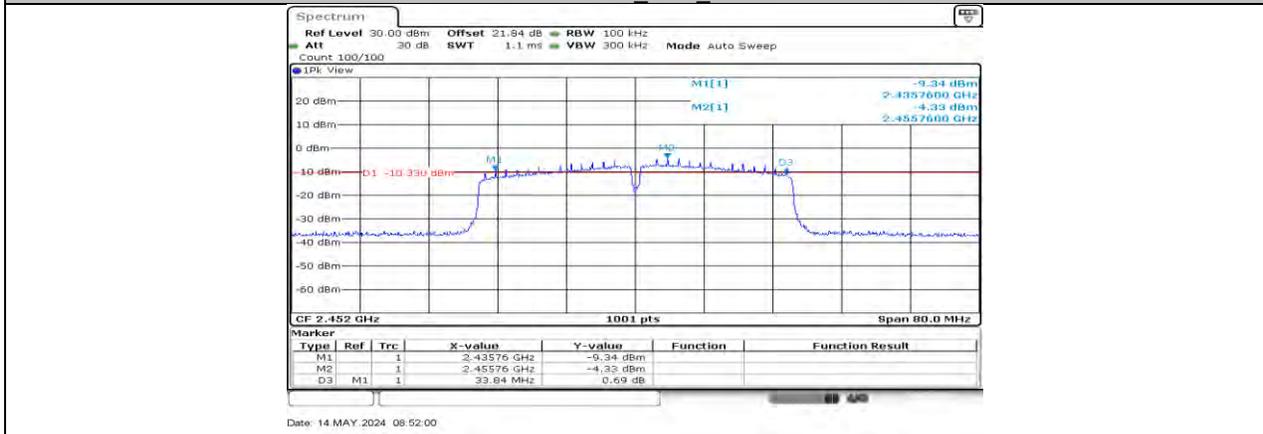
11N40SISO_Ant1_2427



11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



11N40SISO_Ant1_2452

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	12.068	2405.9660	2418.0340	PASS
		2417	12.188	2410.8062	2422.9940	PASS
		2437	12.028	2431.2058	2443.2338	PASS
		2457	11.988	2450.9660	2462.9540	PASS
		2462	12.188	2455.8462	2468.0340	PASS
11G	Ant1	2412	16.543	2403.7283	2420.2717	PASS
		2417	16.583	2408.6883	2425.2717	PASS
		2437	16.703	2428.7283	2445.4316	PASS
		2457	16.583	2448.7283	2465.3117	PASS
		2462	16.743	2453.6084	2470.3516	PASS
11N20SISO	Ant1	2412	17.862	2403.0490	2420.9111	PASS
		2417	17.862	2408.0090	2425.8711	PASS
		2437	17.982	2428.1289	2446.1109	PASS
		2457	17.822	2448.0889	2465.9111	PASS
		2462	17.902	2453.0090	2470.9111	PASS
11N40SISO	Ant1	2422	36.204	2403.8581	2440.0619	PASS
		2427	36.444	2408.7782	2445.2218	PASS
		2437	36.603	2418.7782	2455.3816	PASS
		2447	35.964	2429.1778	2465.1419	PASS
		2452	35.884	2434.2577	2470.1419	PASS

11.2.2. Test Graphs





Date: 14 MAY 2024 05:29:33



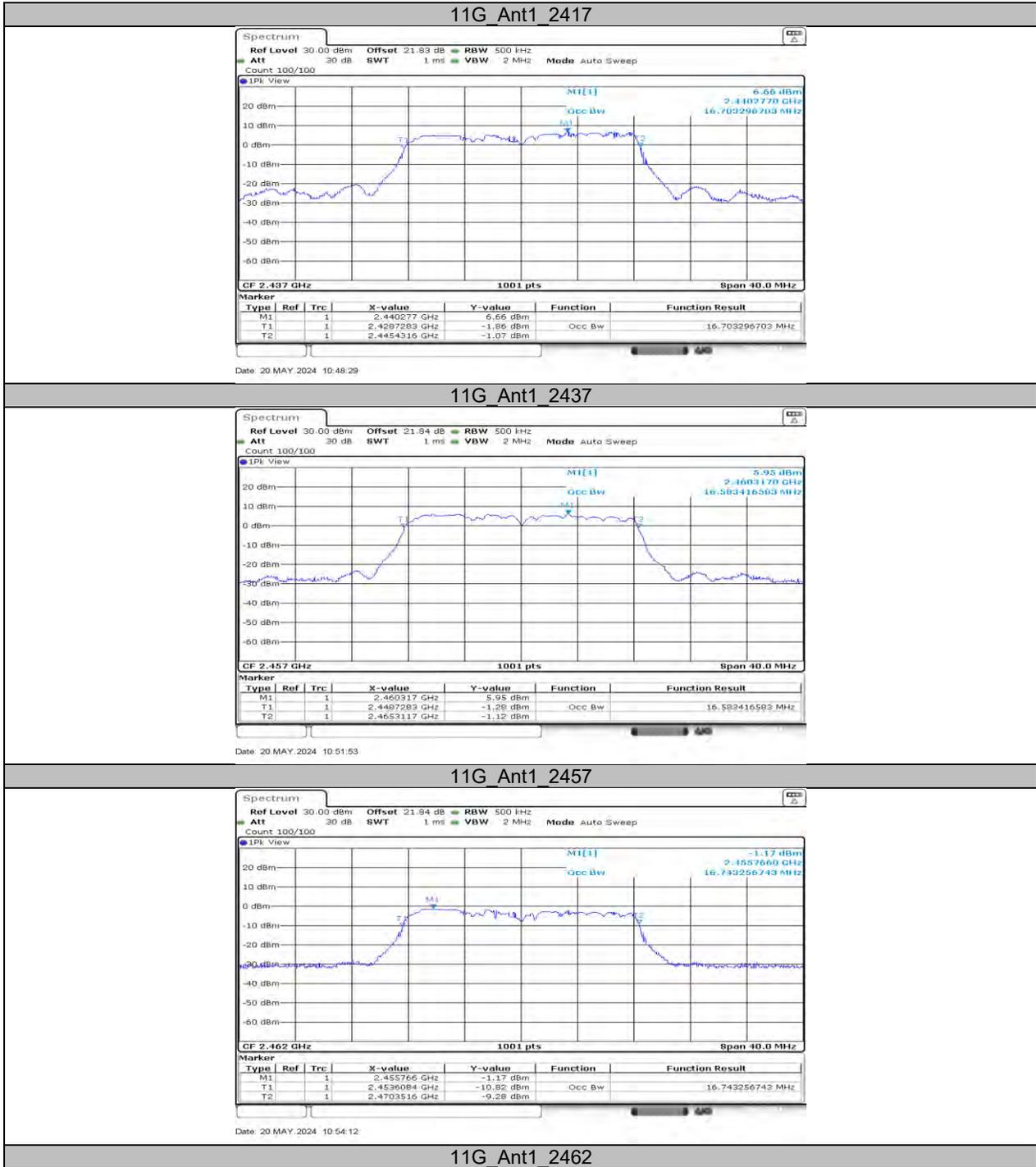
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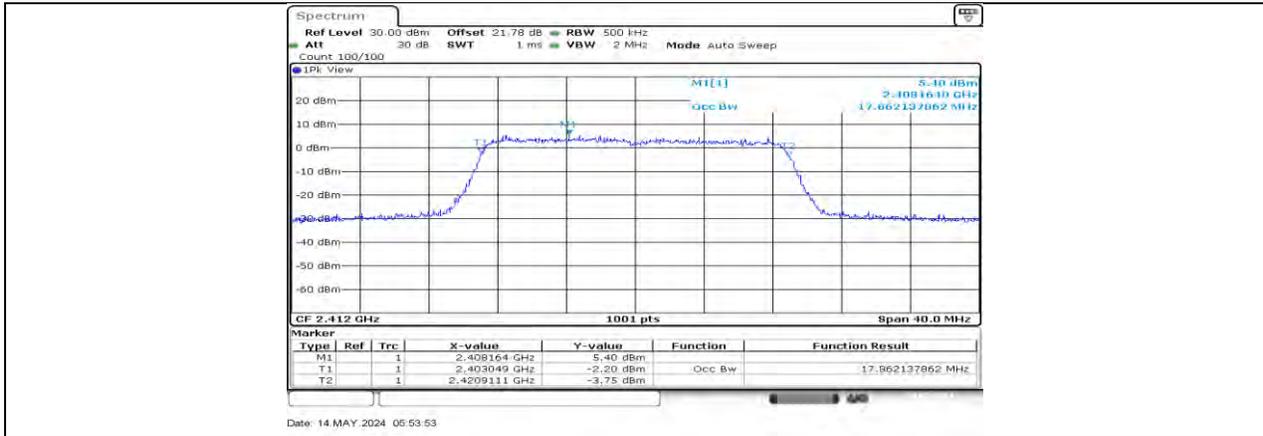


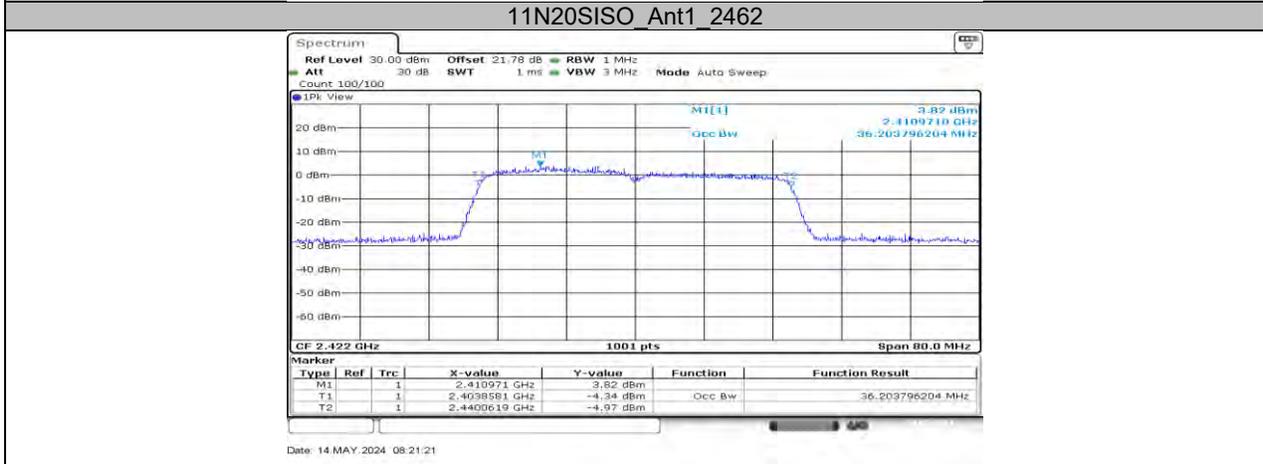
Date: 20 MAY 2024 10:43:04



Date: 20 MAY 2024 10:45:00







11N40SISO_Ant1_2427



11N40SISO_Ant1_2452

11.3. APPENDIX C: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.88	≤30.00	PASS
		2417	15.66	≤30.00	PASS
		2437	16.25	≤30.00	PASS
		2457	16.07	≤30.00	PASS
		2462	16.25	≤30.00	PASS
11G	Ant1	2412	11.16	≤30.00	PASS
		2417	14.42	≤30.00	PASS
		2437	15.44	≤30.00	PASS
		2457	14.87	≤30.00	PASS
		2462	11.27	≤30.00	PASS
11N20SISO	Ant1	2412	11.66	≤30.00	PASS
		2417	14.71	≤30.00	PASS
		2437	15.66	≤30.00	PASS
		2457	15.37	≤30.00	PASS
		2462	11.92	≤30.00	PASS
11N40SISO	Ant1	2422	8.23	≤30.00	PASS
		2427	10.40	≤30.00	PASS
		2437	13.54	≤30.00	PASS
		2447	10.90	≤30.00	PASS
		2452	8.55	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

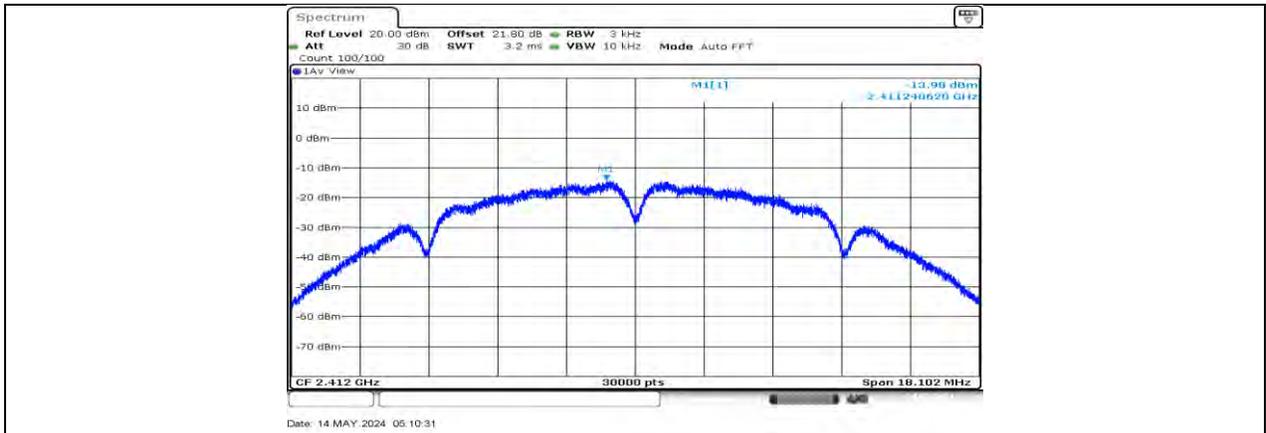
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.98	≤8.00	PASS
		2417	-14.07	≤8.00	PASS
		2437	-14.48	≤8.00	PASS
		2457	-14.38	≤8.00	PASS
		2462	-15.06	≤8.00	PASS
11N20SISO	Ant1	2412	-22.86	≤8.00	PASS
		2417	-19.29	≤8.00	PASS
		2437	-18.38	≤8.00	PASS
		2457	-19.18	≤8.00	PASS
11N40SISO	Ant1	2422	-27.33	≤8.00	PASS
		2427	-25.65	≤8.00	PASS
		2437	-21.85	≤8.00	PASS
		2447	-23.62	≤8.00	PASS
		2452	-26.09	≤8.00	PASS

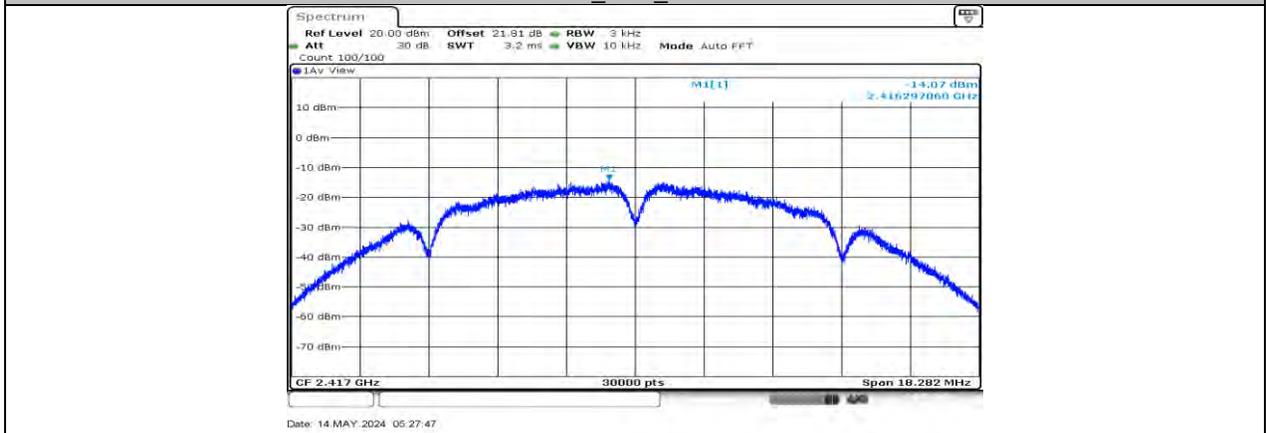
Test Mode	Antenna	Frequency[MHz]	Result[dBm/100kHz]	Limit[dBm/3kHz]	Verdict
11G	Ant1	2412	-3.67	≤8.00	PASS
		2417	-0.13	≤8.00	PASS
		2437	1.86	≤8.00	PASS
		2457	0.06	≤8.00	PASS
		2462	-3.35	≤8.00	PASS

- Note: 1. Conducted Power=Meas. Level+ Correction Factor
 2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs



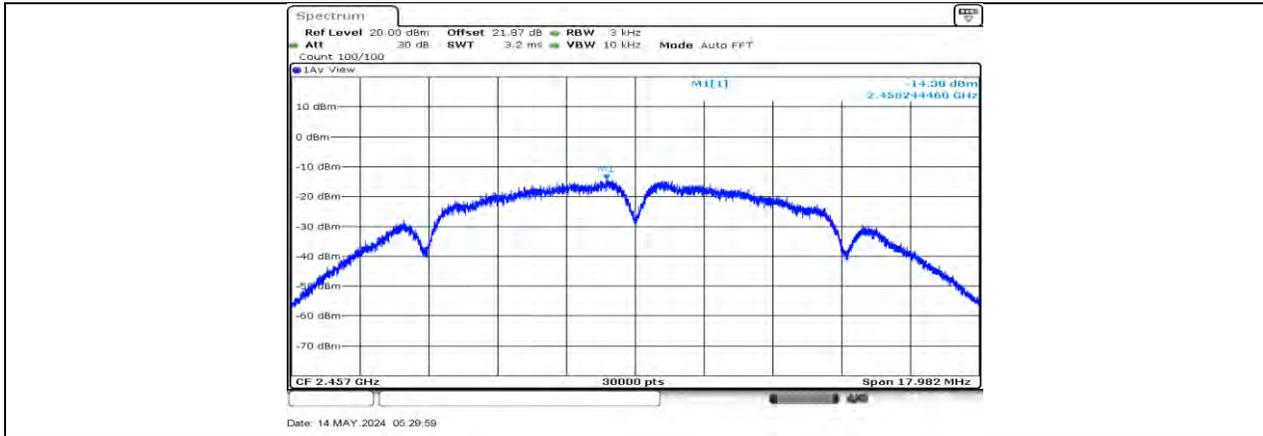
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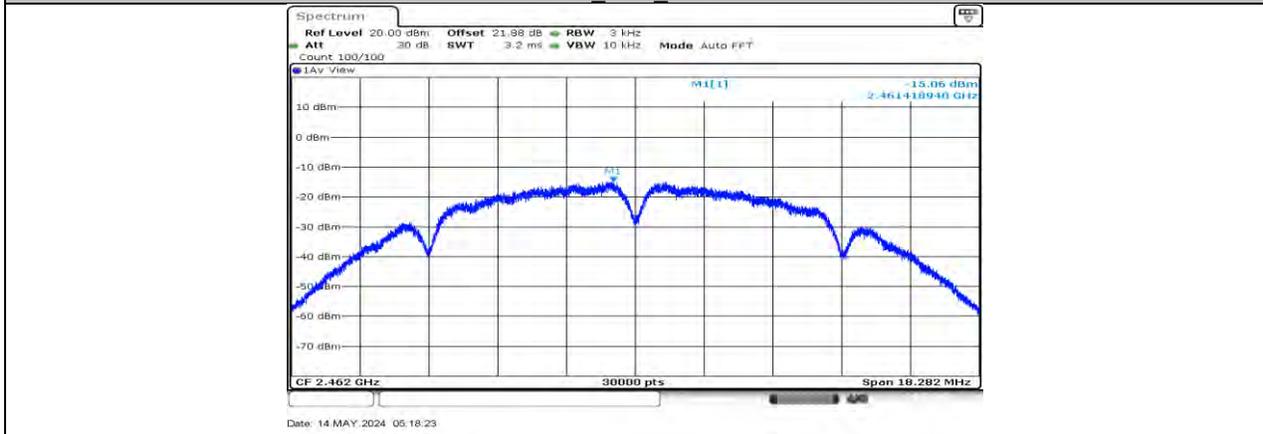
11B_Ant1_2417



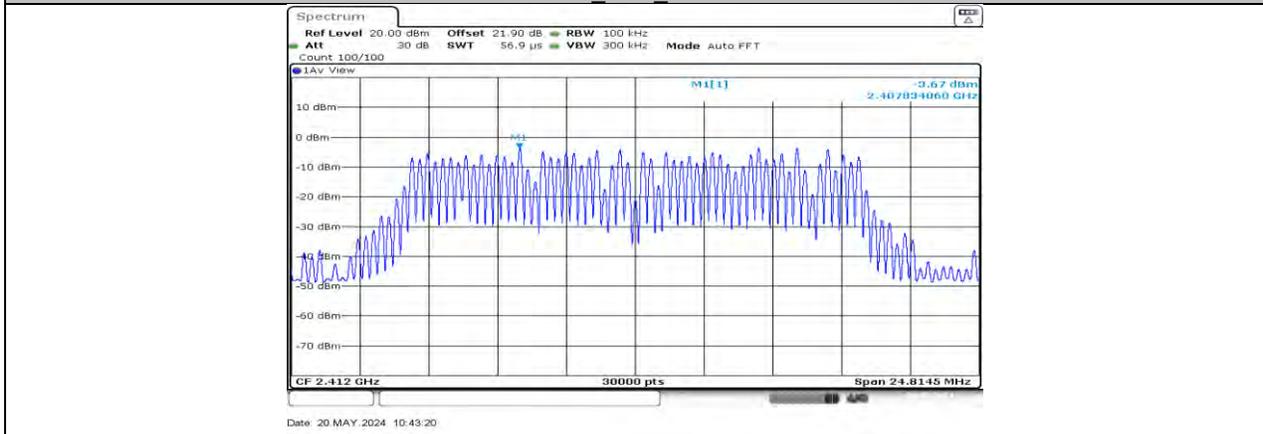
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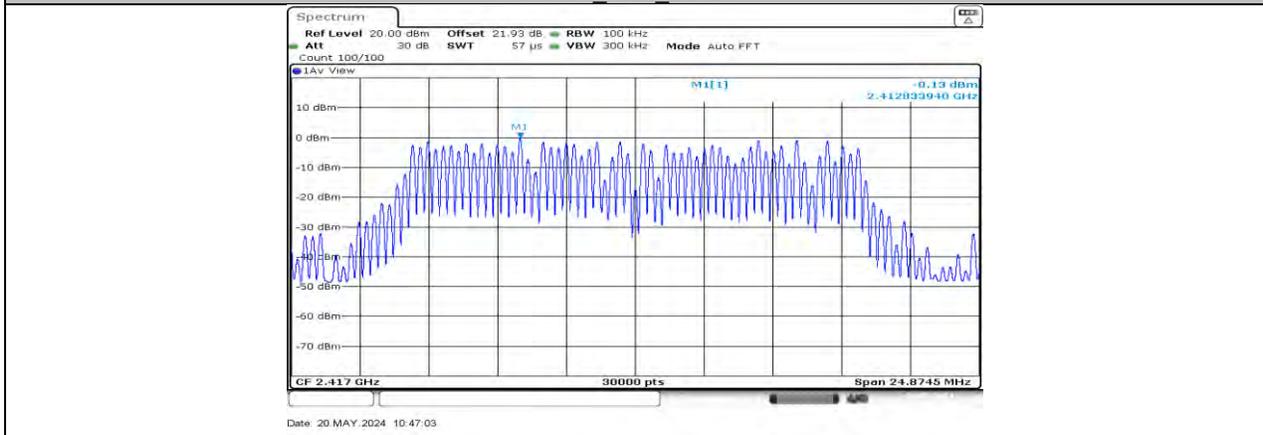
11B Ant1 2457

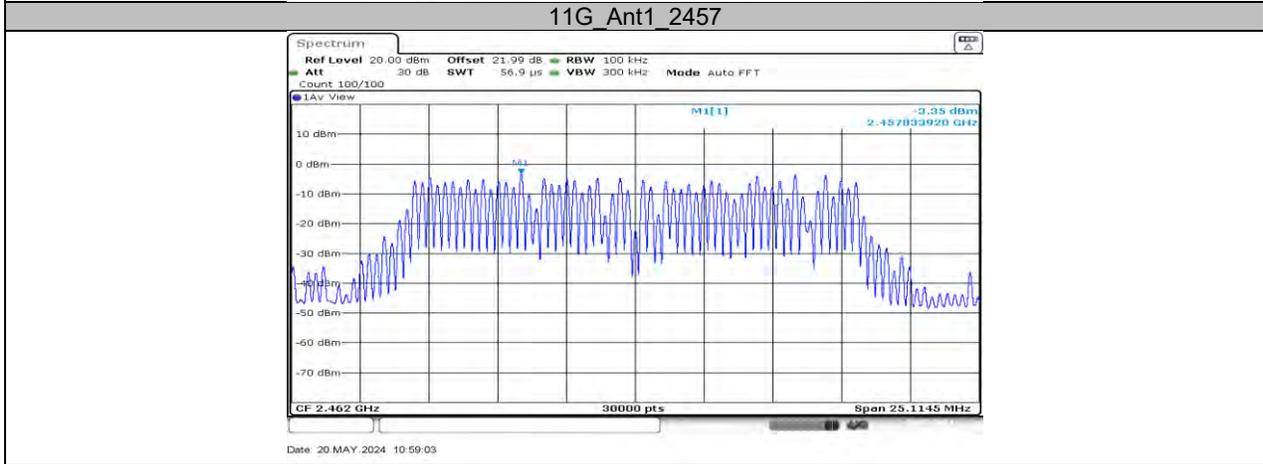
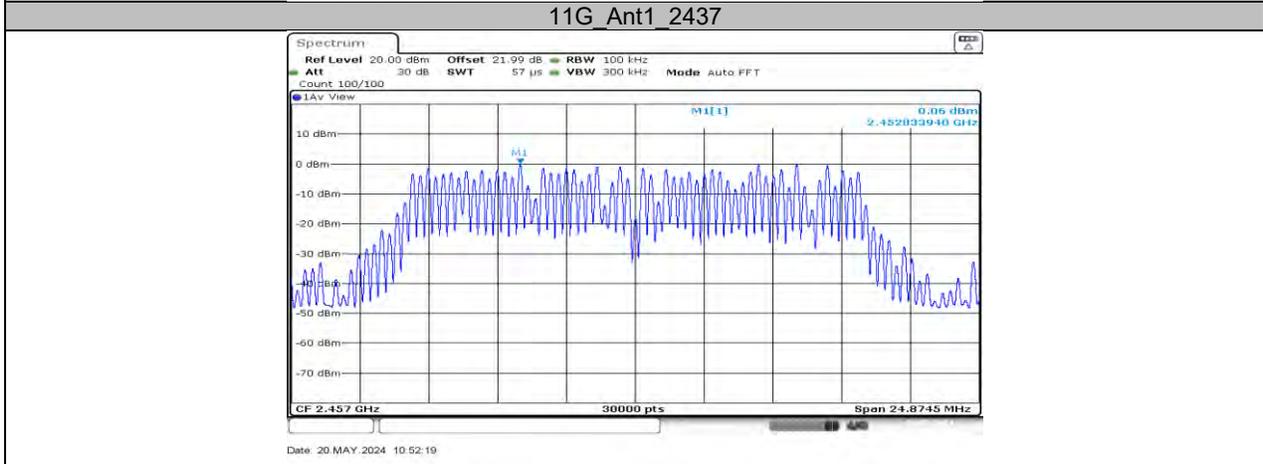
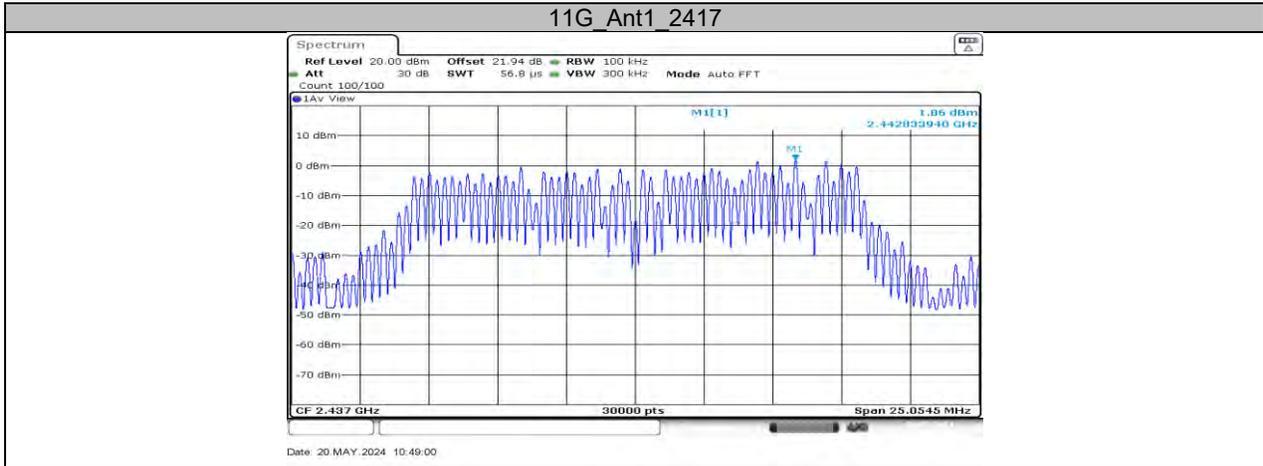


11B Ant1 2462

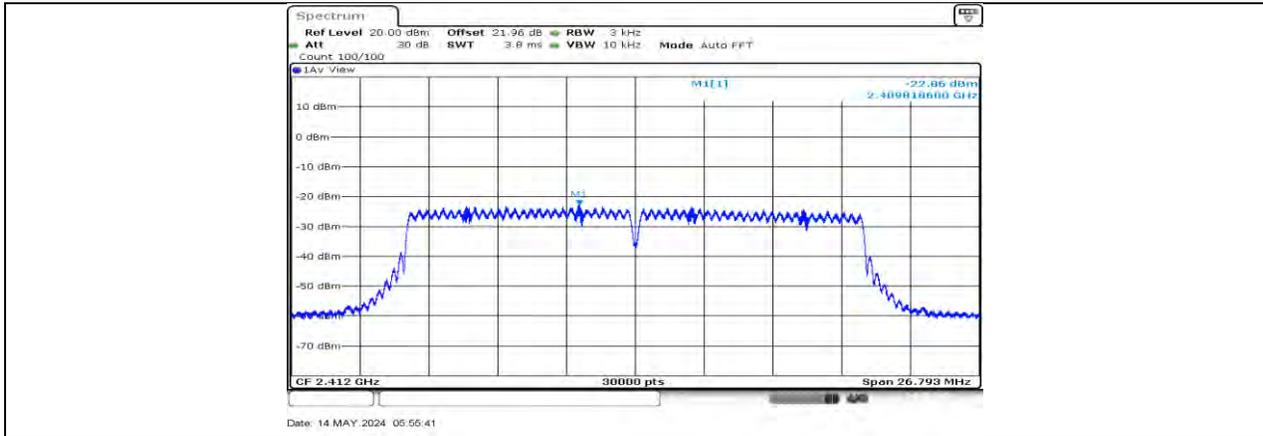


11G Ant1 2412

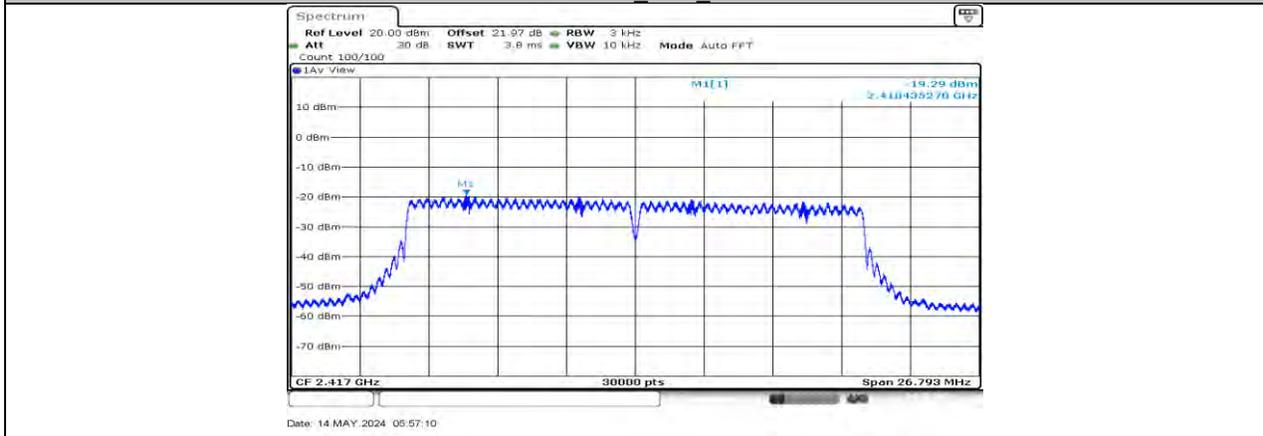




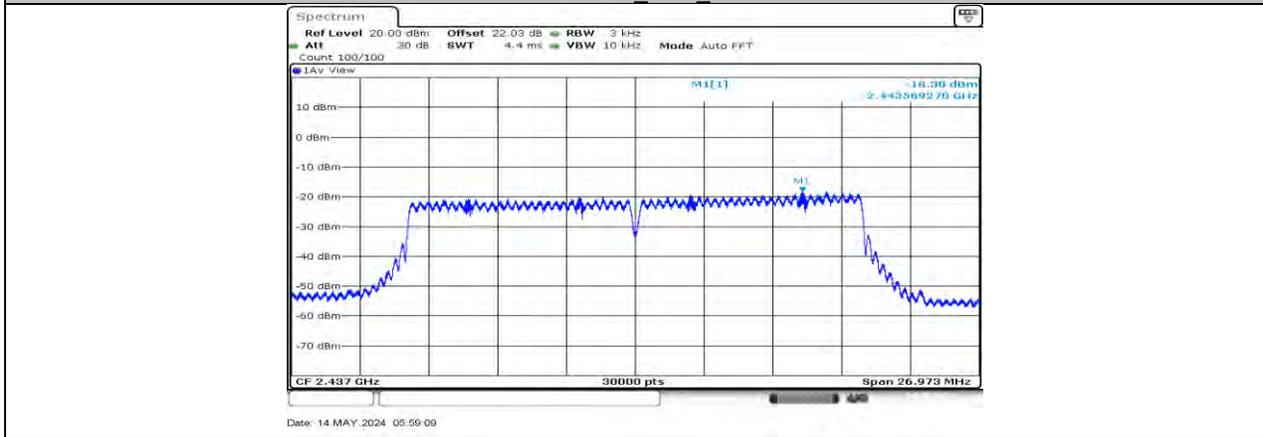
11G Ant1_2462



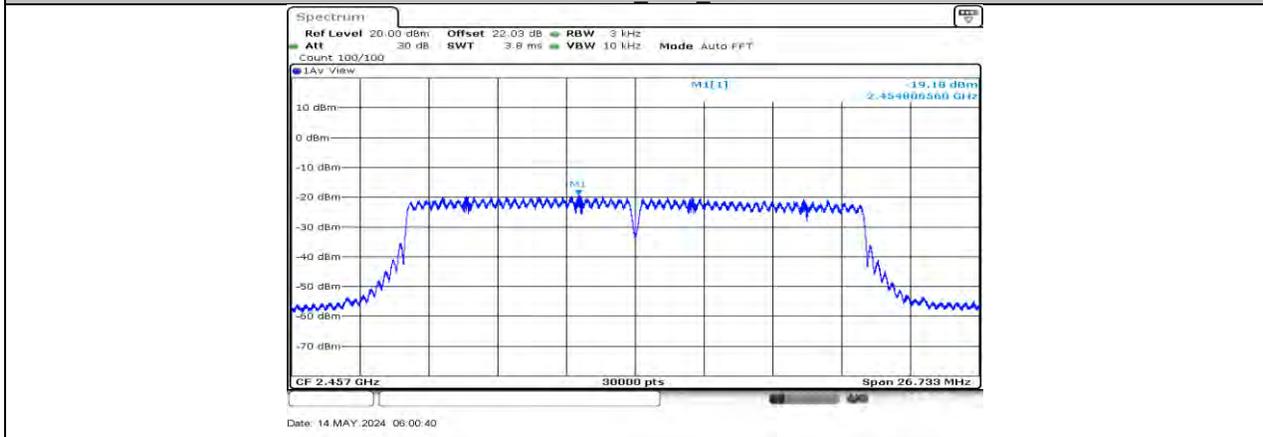
11N20SISO_Ant1_2412

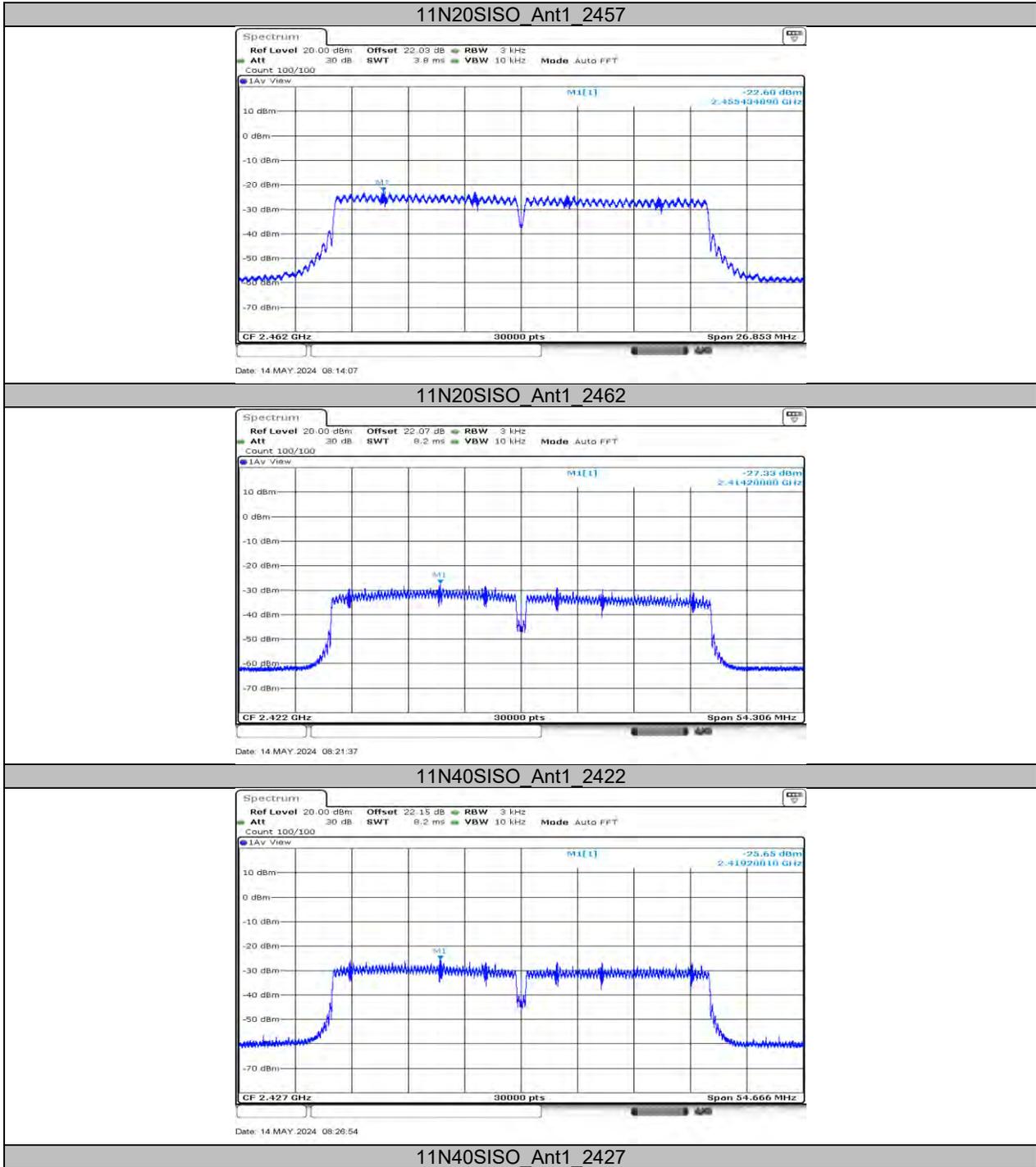


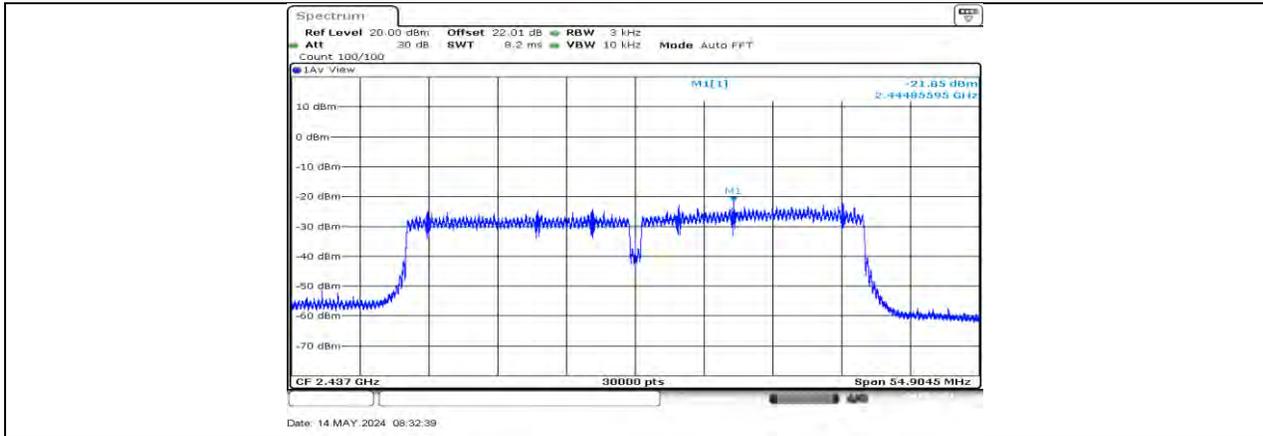
11N20SISO_Ant1_2417



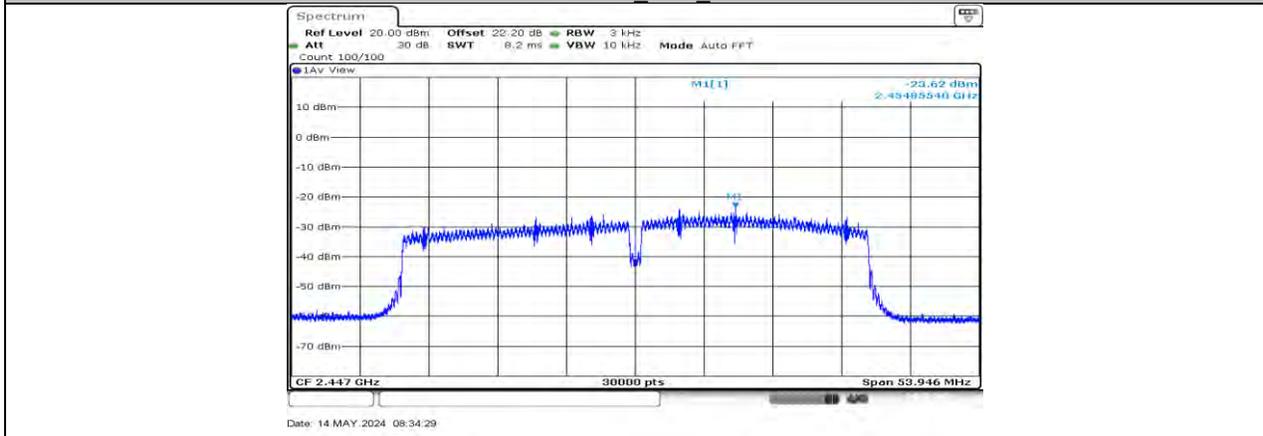
11N20SISO_Ant1_2437



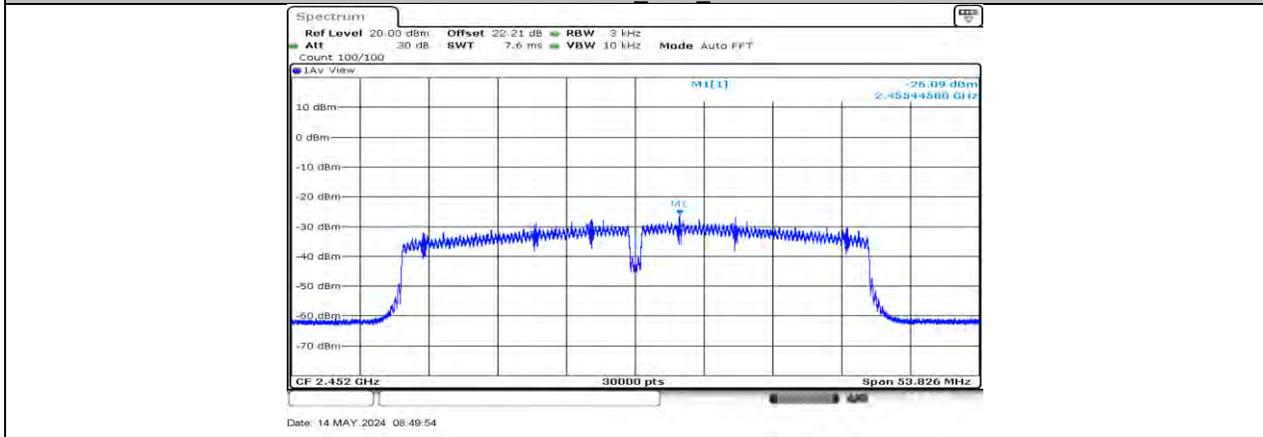




11N40SISO_Ant1_2437



11N40SISO_Ant1_2447



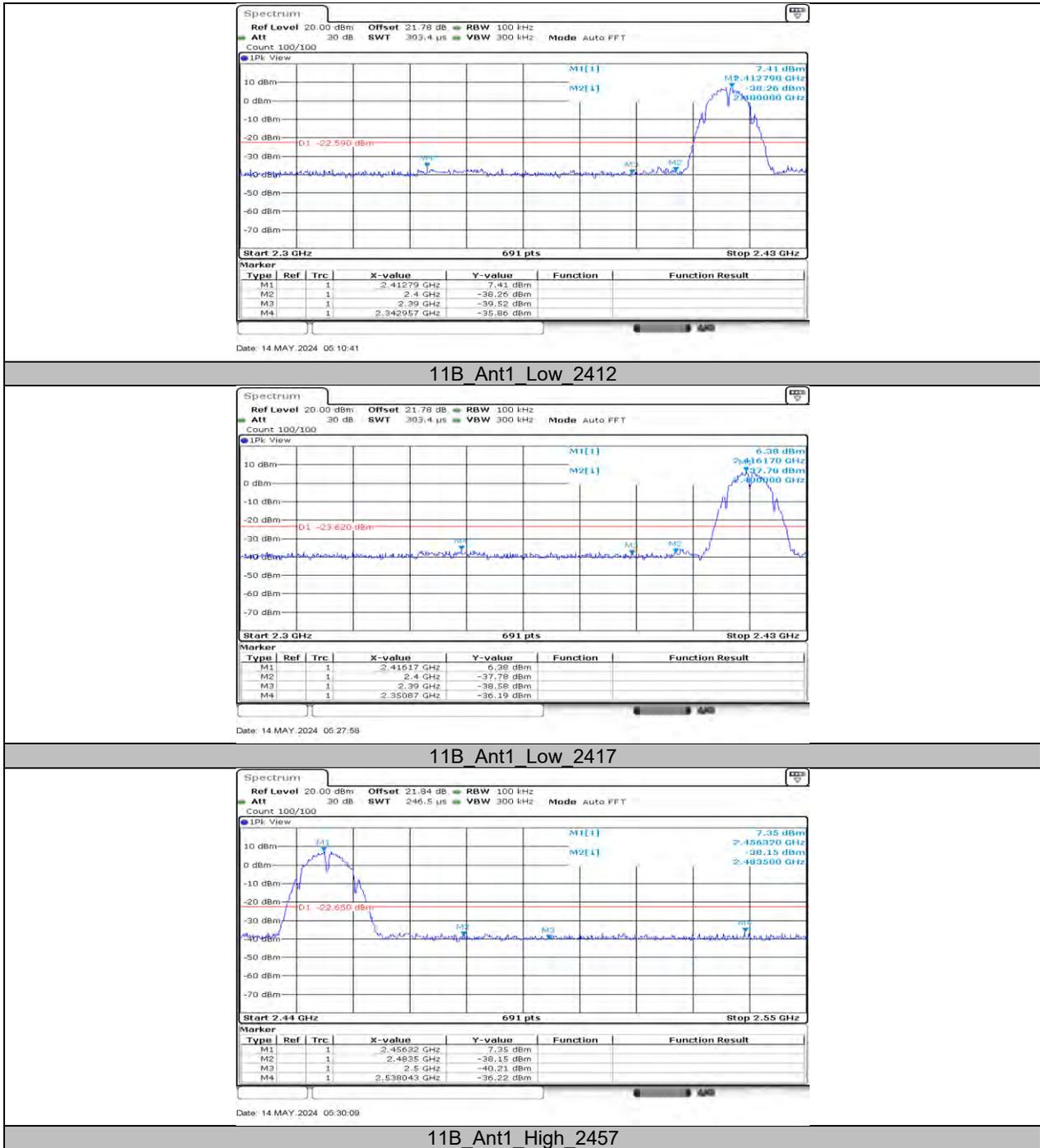
11N40SISO_Ant1_2452

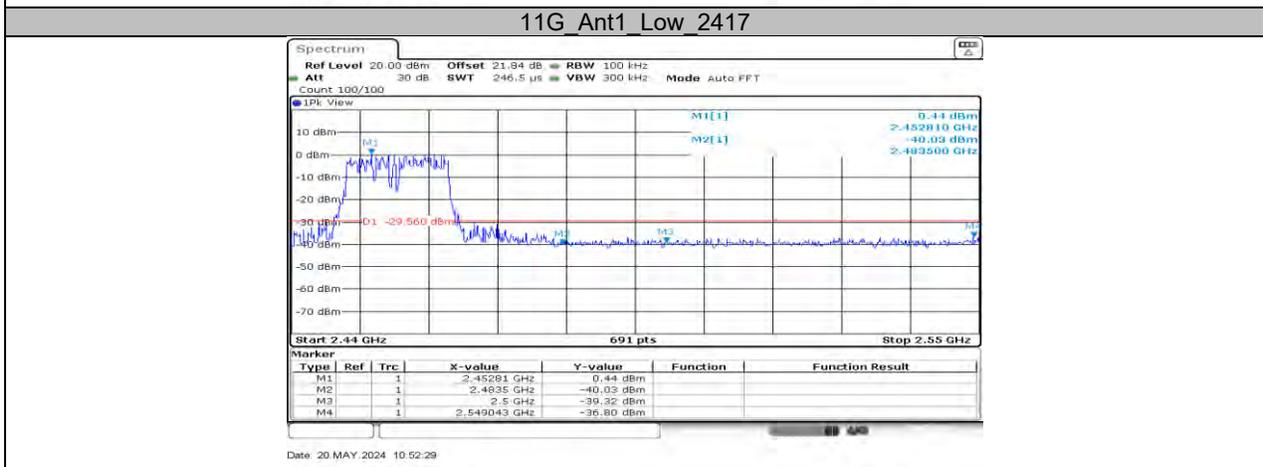
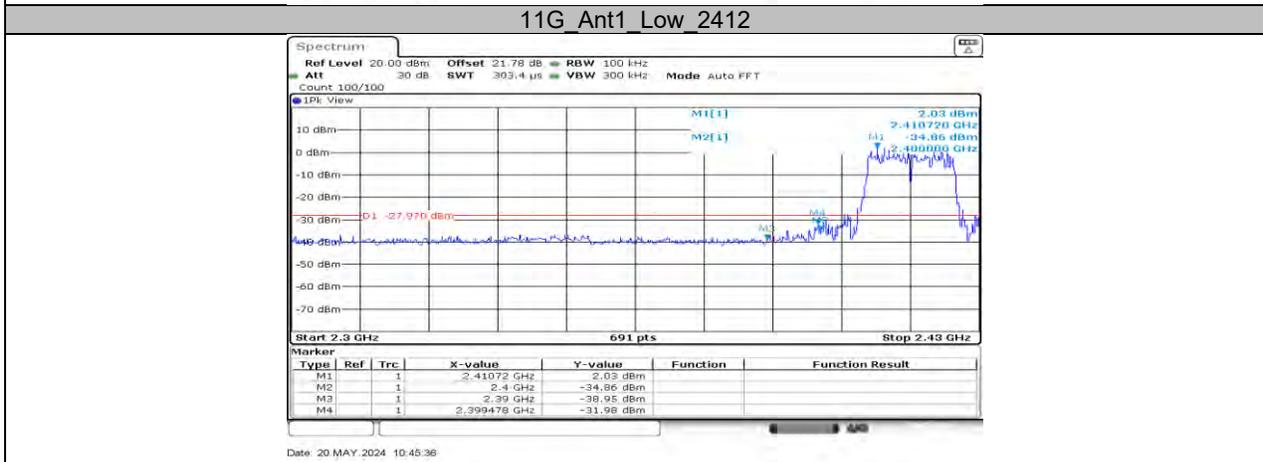
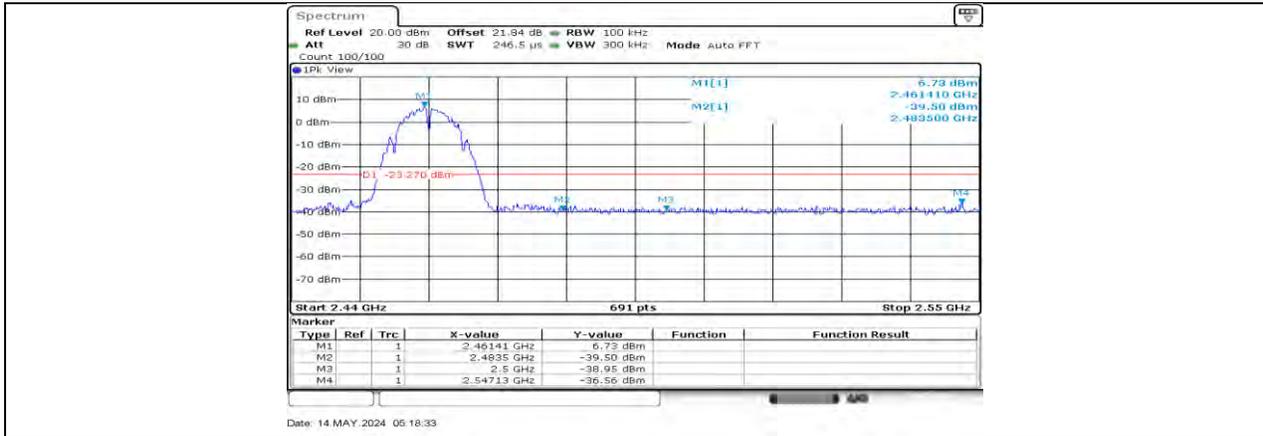
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

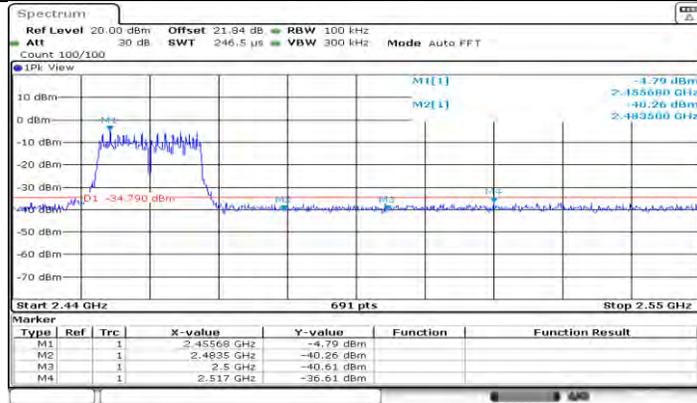
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.41	-35.86	≤-22.59	PASS
			2417	6.38	-36.19	≤-23.62	PASS
		High	2457	7.35	-36.22	≤-22.65	PASS
			2462	6.73	-36.56	≤-23.27	PASS
11G	Ant1	Low	2412	-1.48	-34.08	≤-31.48	PASS
			2417	2.03	-31.98	≤-27.97	PASS
		High	2457	0.44	-36.8	≤-29.56	PASS
			2462	-4.79	-36.61	≤-34.79	PASS
11N20SISO	Ant1	Low	2412	-2.22	-35.27	≤-32.22	PASS
			2417	2.80	-34.5	≤-27.2	PASS
		High	2457	3.11	-36.35	≤-26.89	PASS
			2462	-0.56	-36.72	≤-30.56	PASS
11N40SISO	Ant1	Low	2422	-6.83	-40.84	≤-36.83	PASS
			2427	-3.70	-35.92	≤-33.7	PASS
		High	2447	-2.28	-36.31	≤-32.28	PASS
			2452	-5.24	-35.91	≤-35.24	PASS

11.5.2. Test Graphs



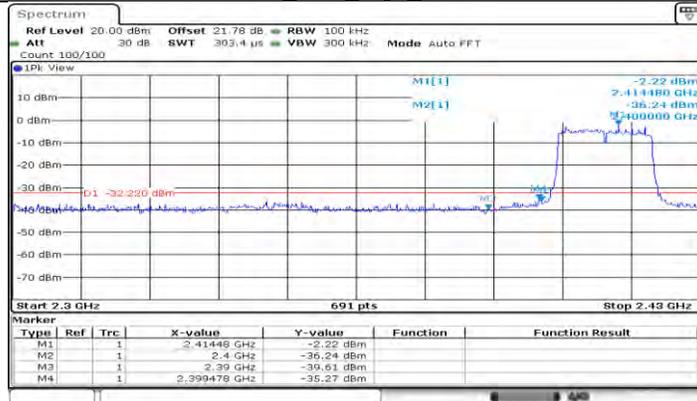


11G Ant1_High 2457



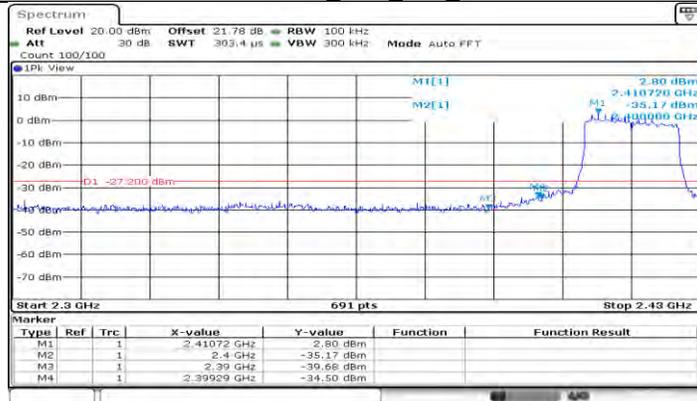
Date: 20 MAY 2024 10:54:48

11G Ant1_High 2462



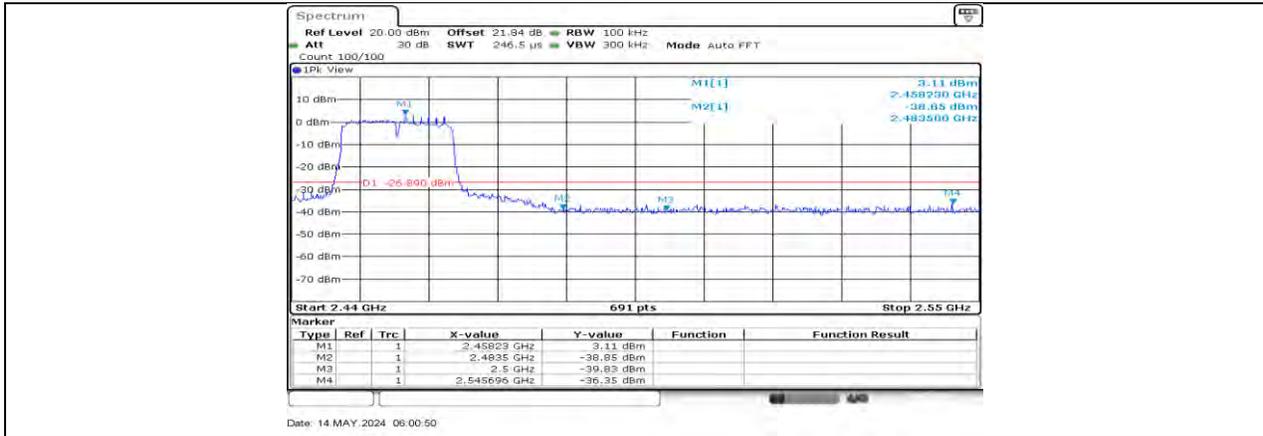
Date: 14 MAY 2024 05:54:19

11N20SISO Ant1_Low 2412

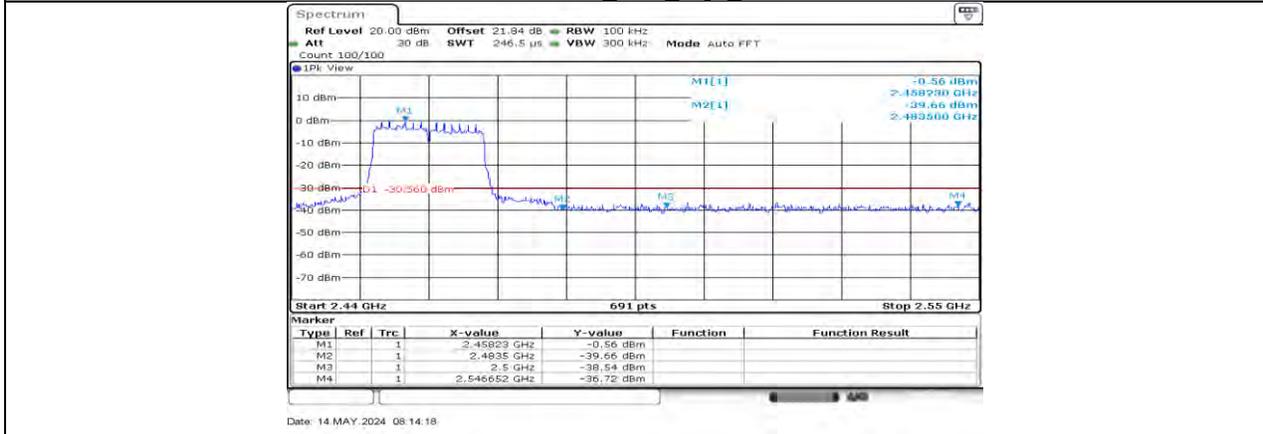


Date: 14 MAY 2024 05:57:20

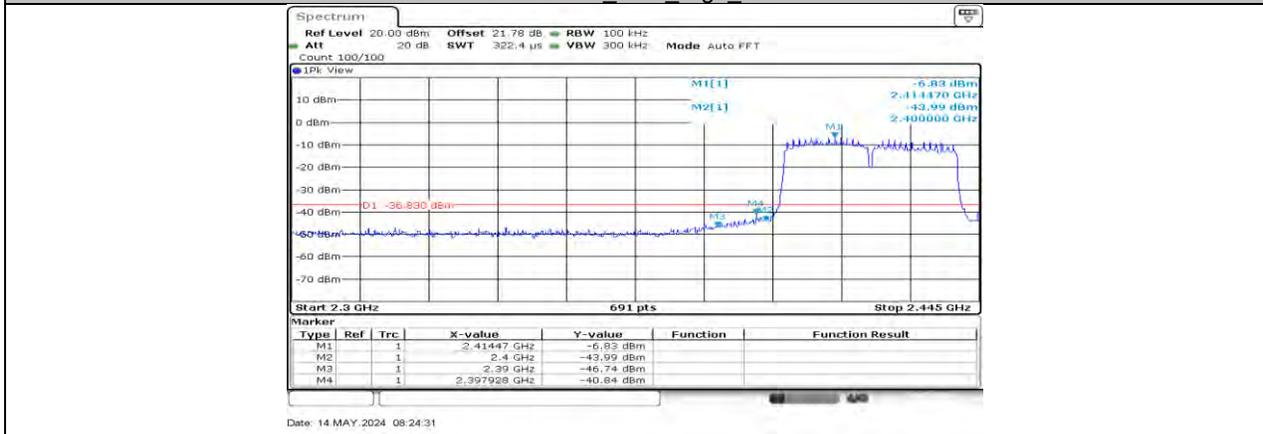
11N20SISO Ant1_Low 2417



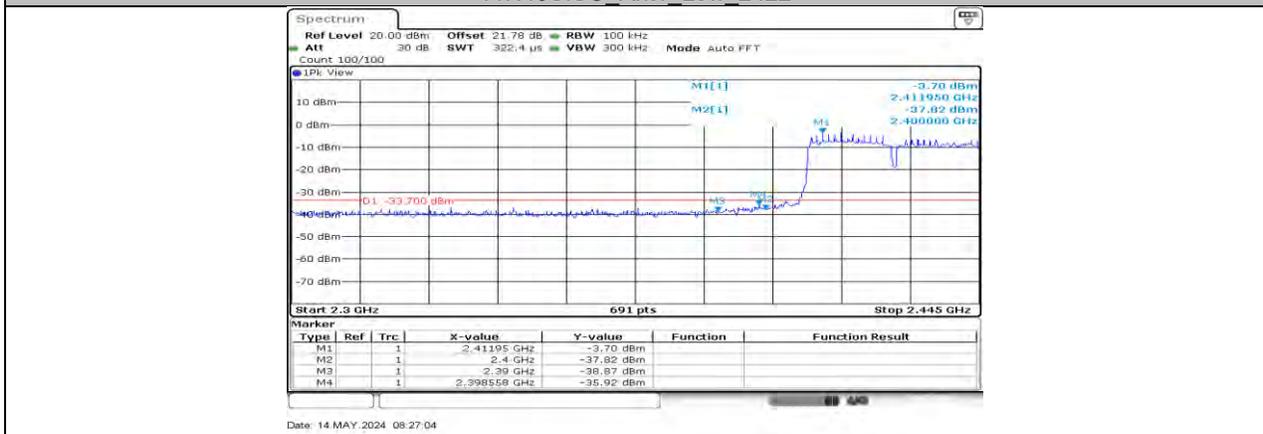
11N20SISO Ant1 High 2457

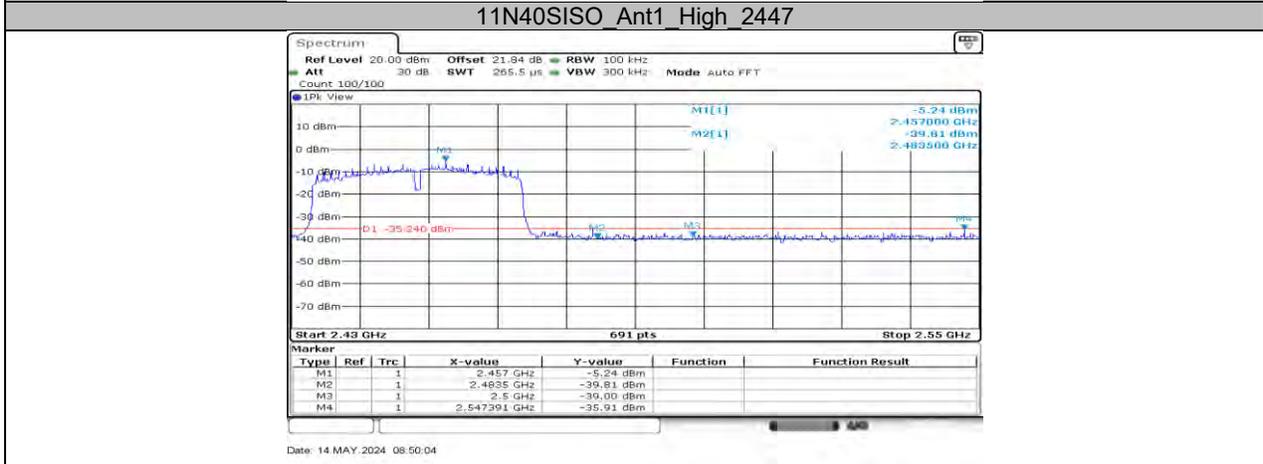
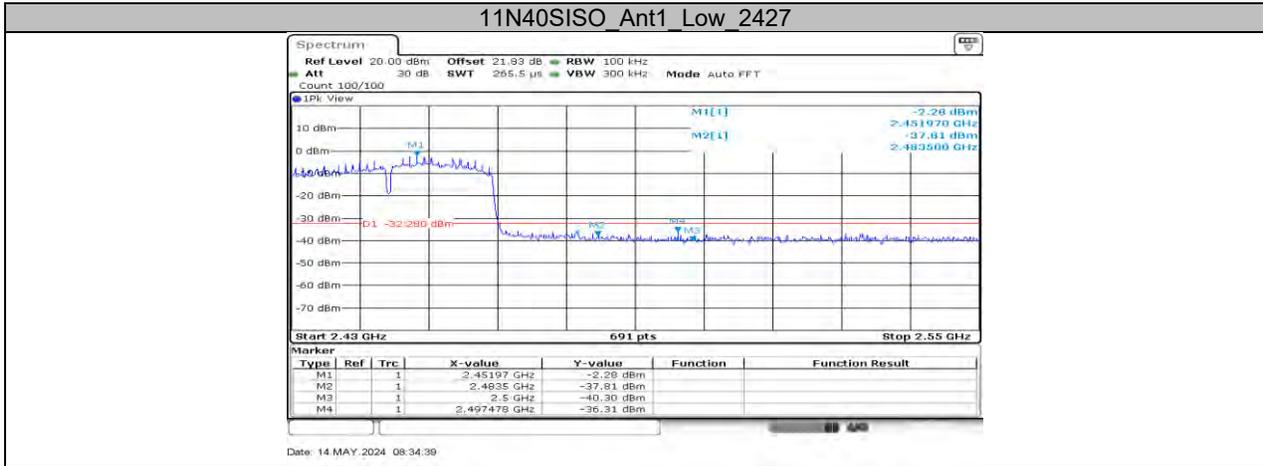


11N20SISO Ant1 High 2462



11N40SISO Ant1 Low 2422





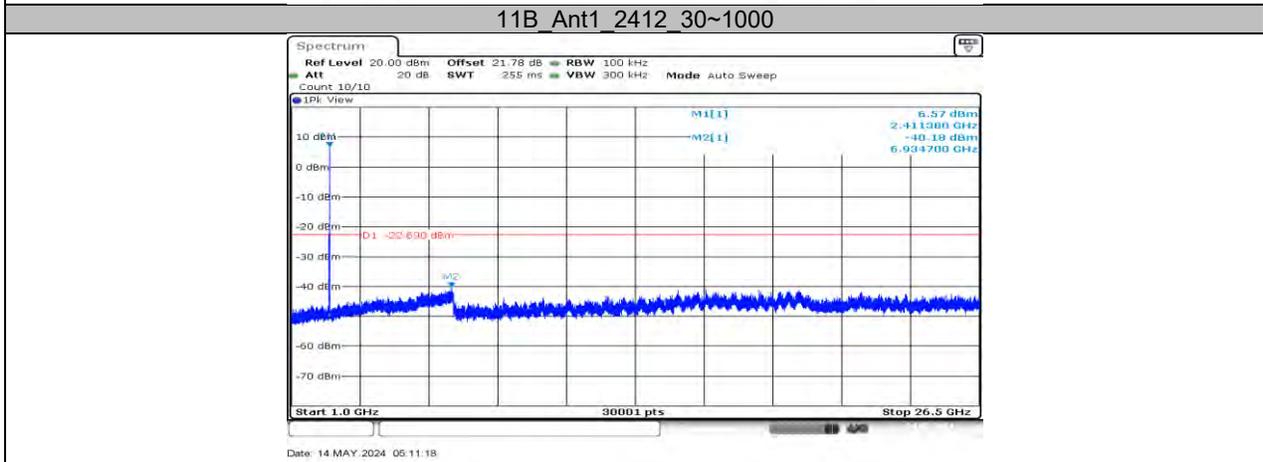
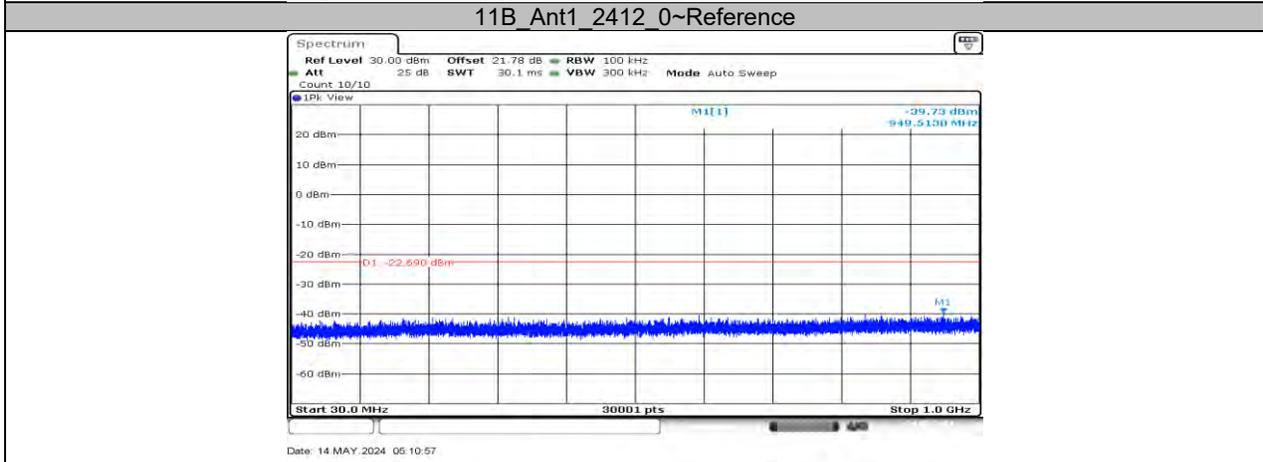
11N40SISO_Ant1_High_2452

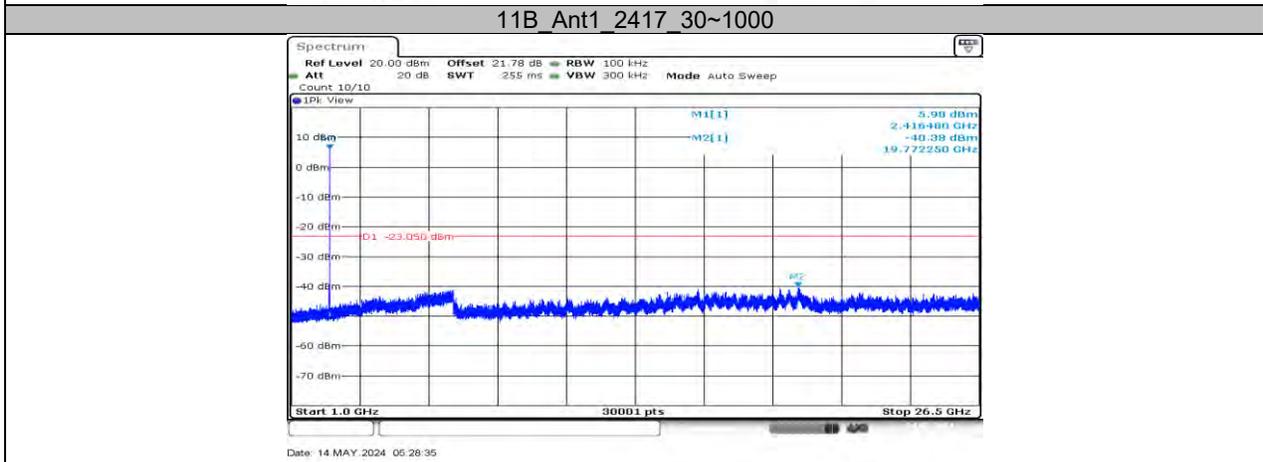
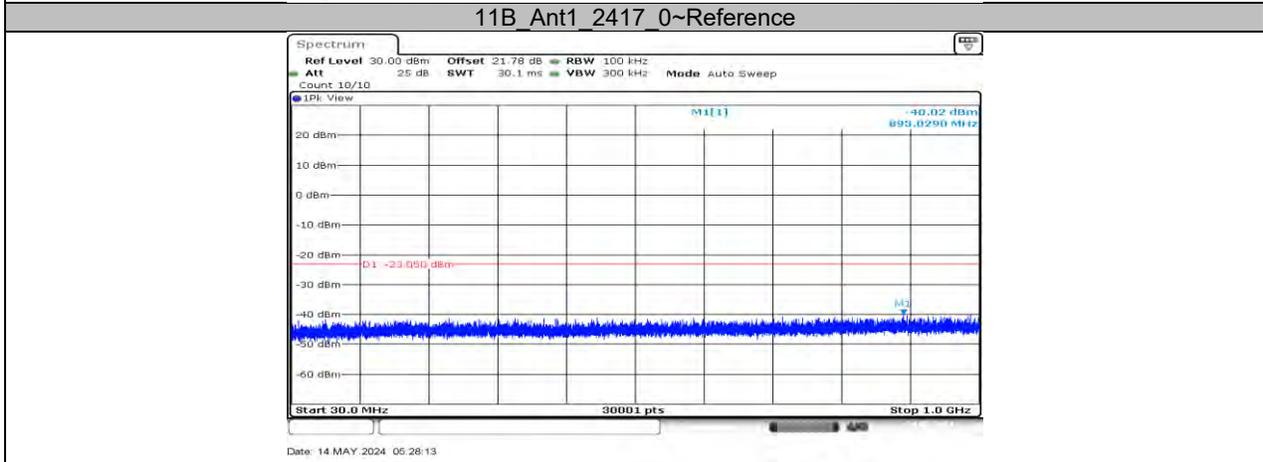
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

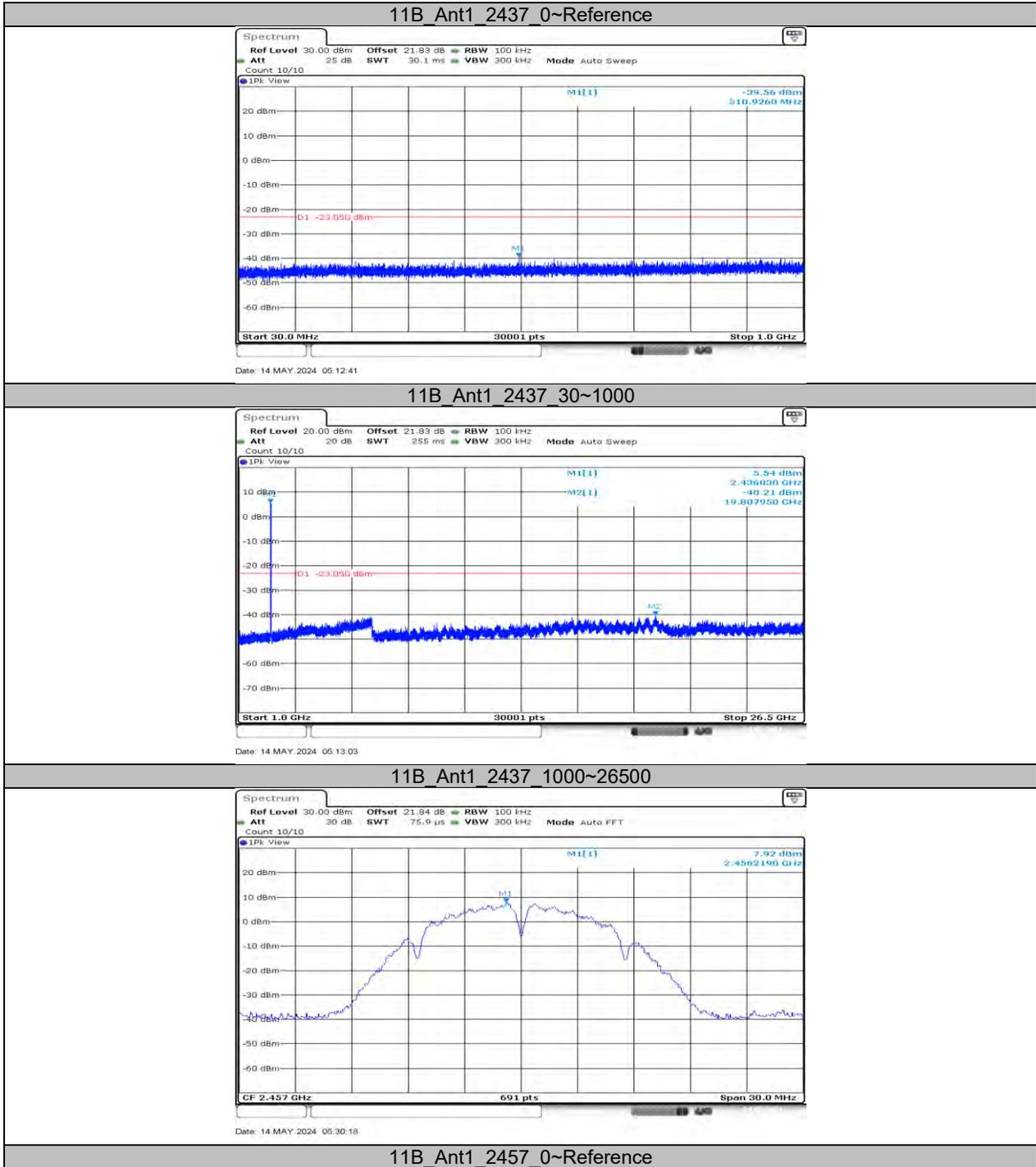
11.6.1. Test Result

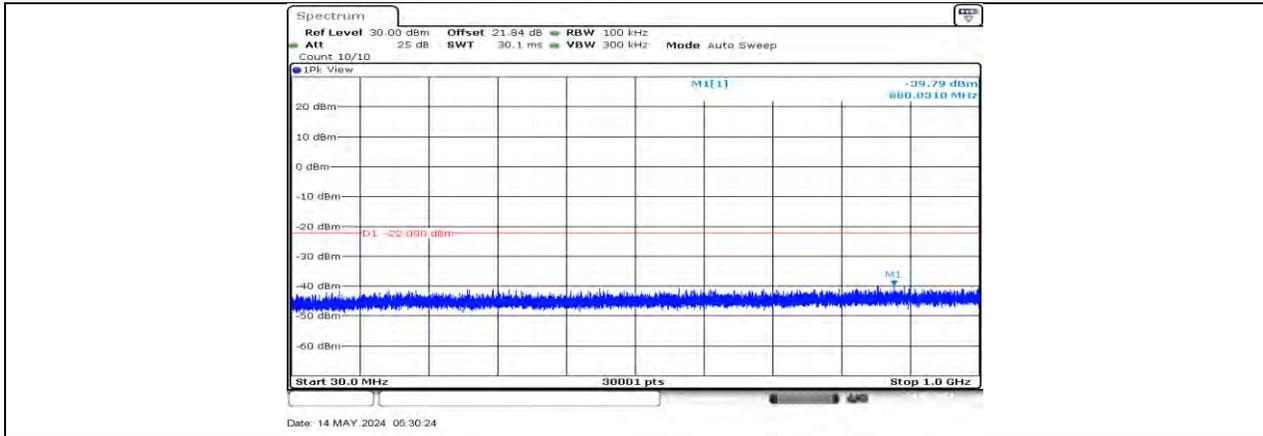
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.31	---	PASS
			30~1000	-39.73	≤-22.69	PASS
			1000~26500	-40.18	≤-22.69	PASS
		2417	Reference	6.95	---	PASS
			30~1000	-40.02	≤-23.05	PASS
			1000~26500	-40.38	≤-23.05	PASS
		2437	Reference	6.95	---	PASS
			30~1000	-39.56	≤-23.05	PASS
			1000~26500	-40.21	≤-23.05	PASS
		2457	Reference	7.92	---	PASS
			30~1000	-39.79	≤-22.08	PASS
			1000~26500	-39.63	≤-22.08	PASS
		2462	Reference	6.68	---	PASS
			30~1000	-39.83	≤-23.32	PASS
			1000~26500	-39.81	≤-23.32	PASS
11G	Ant1	2412	Reference	-0.63	---	PASS
			30~1000	-39.77	≤-30.63	PASS
			1000~26500	-39.88	≤-30.63	PASS
		2417	Reference	4.16	---	PASS
			30~1000	-39.9	≤-25.84	PASS
			1000~26500	-40.54	≤-25.84	PASS
		2437	Reference	3.18	---	PASS
			30~1000	-39.3	≤-26.82	PASS
			1000~26500	-40.64	≤-26.82	PASS
		2457	Reference	2.52	---	PASS
			30~1000	-40.36	≤-27.48	PASS
			1000~26500	-40.67	≤-27.48	PASS
		2462	Reference	-5.68	---	PASS
			30~1000	-40.02	≤-35.68	PASS
			1000~26500	-40.69	≤-35.68	PASS
11N20SISO	Ant1	2412	Reference	-1.15	---	PASS
			30~1000	-38.77	≤-31.15	PASS
			1000~26500	-40.39	≤-31.15	PASS
		2417	Reference	3.83	---	PASS
			30~1000	-39.82	≤-26.17	PASS
			1000~26500	-40.62	≤-26.17	PASS
		2437	Reference	4.16	---	PASS
			30~1000	-39.9	≤-25.84	PASS
			1000~26500	-40.23	≤-25.84	PASS
		2457	Reference	3.79	---	PASS
			30~1000	-39.98	≤-26.21	PASS
			1000~26500	-40.37	≤-26.21	PASS
		2462	Reference	0.21	---	PASS
			30~1000	-39.88	≤-29.79	PASS
			1000~26500	-39.99	≤-29.79	PASS
11N40SISO	Ant1	2422	Reference	-5.78	---	PASS
			30~1000	-40.02	≤-35.78	PASS
			1000~26500	-40.38	≤-35.78	PASS
		2427	Reference	-3.72	---	PASS
			30~1000	-40.29	≤-33.72	PASS
			1000~26500	-39.84	≤-33.72	PASS
		2437	Reference	1.67	---	PASS
			30~1000	-40.16	≤-28.33	PASS
			1000~26500	-38.73	≤-28.33	PASS
		2447	Reference	-2.48	---	PASS
			30~1000	-39.5	≤-32.48	PASS
			1000~26500	-39.88	≤-32.48	PASS
		2452	Reference	-4.58	---	PASS
			30~1000	-39.94	≤-34.58	PASS
			1000~26500	-39.91	≤-34.58	PASS

11.6.2. Test Graphs

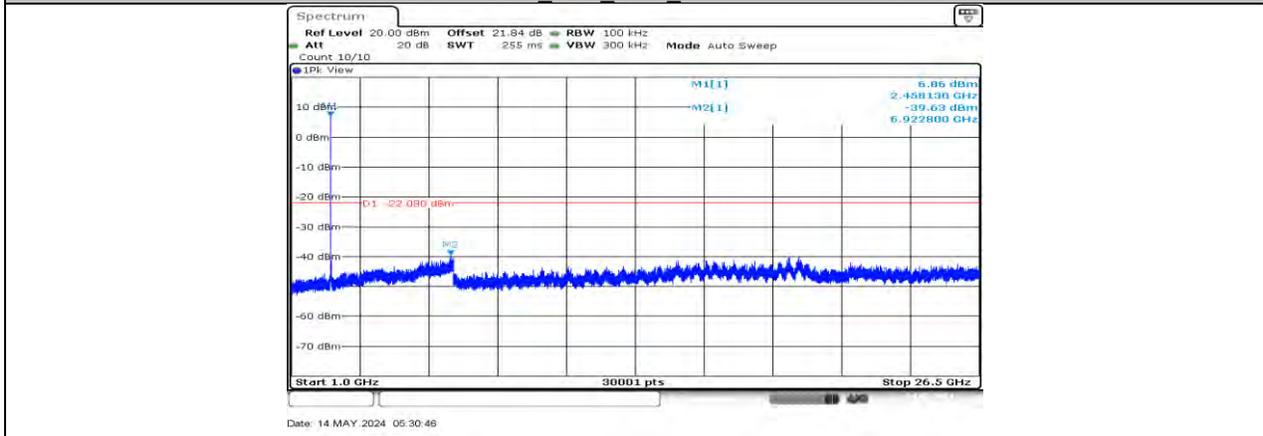








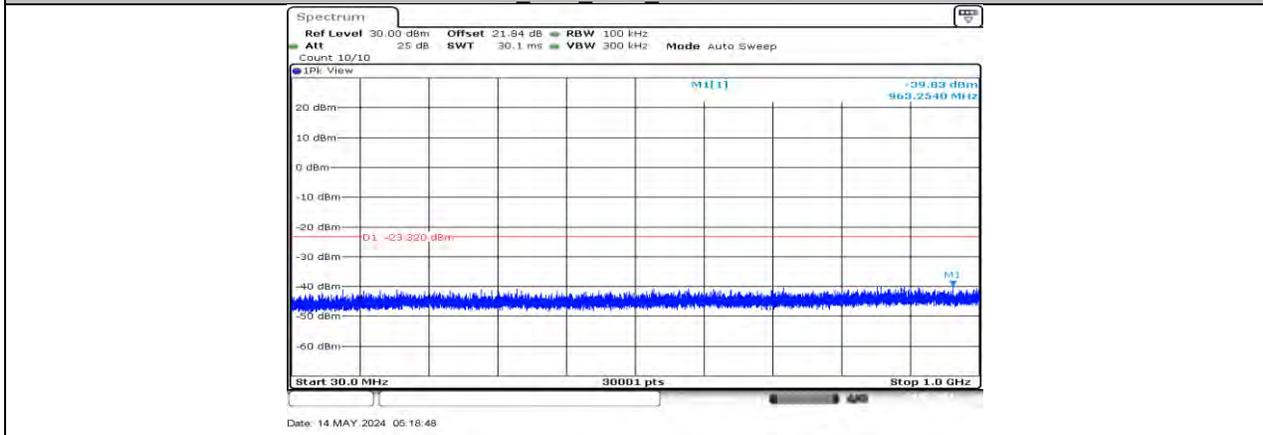
11B_Ant1_2457_30~1000

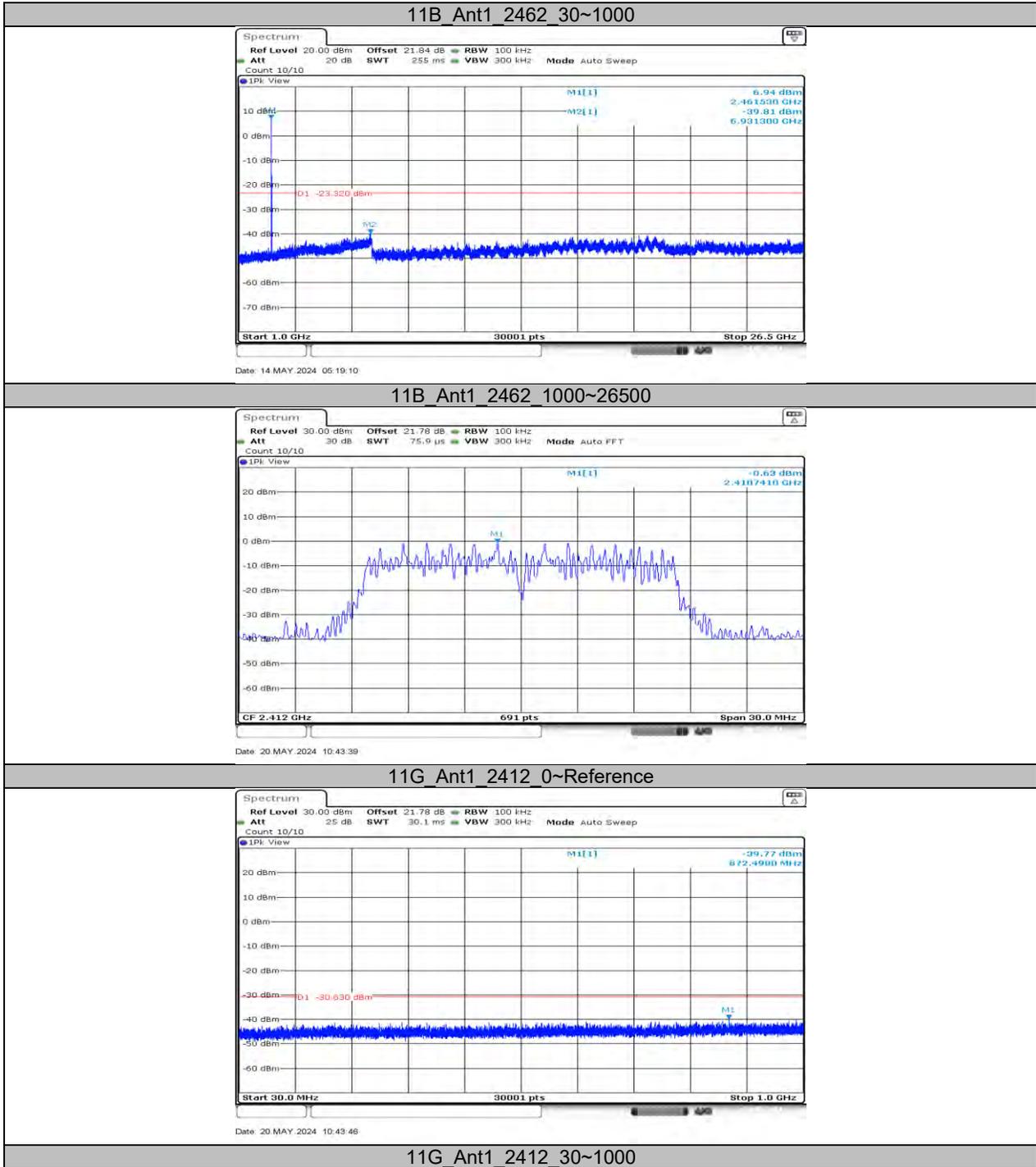


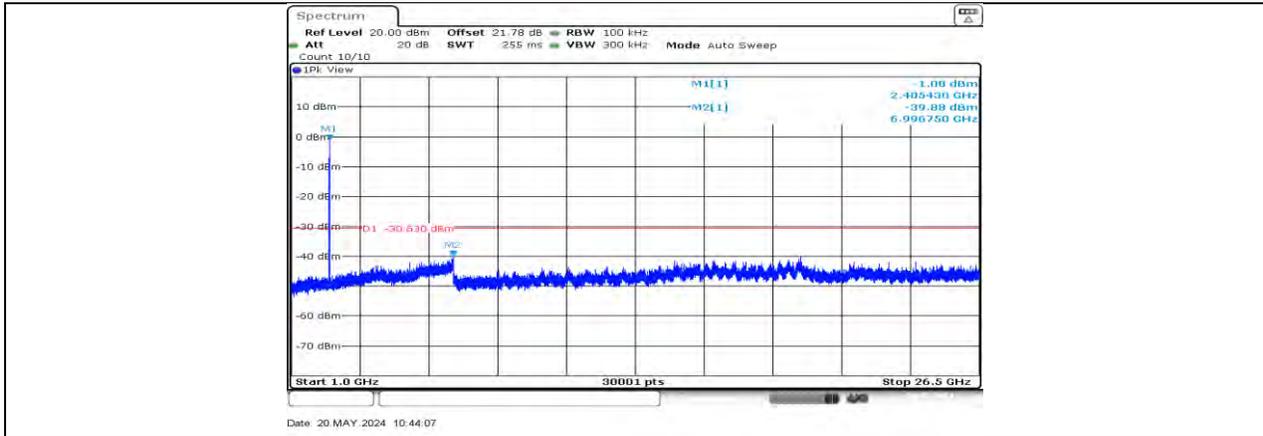
11B_Ant1_2457_1000~26500



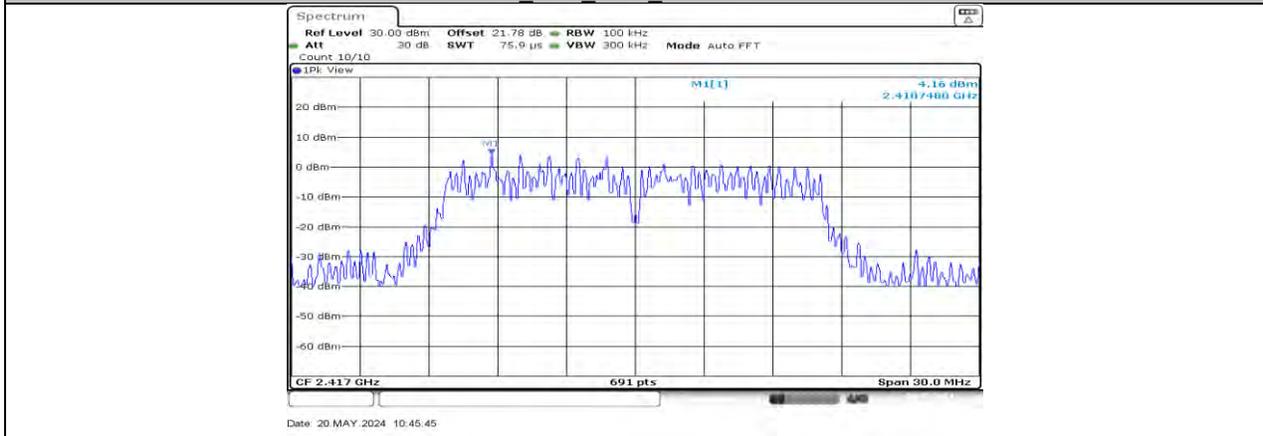
11B_Ant1_2462_0~Reference



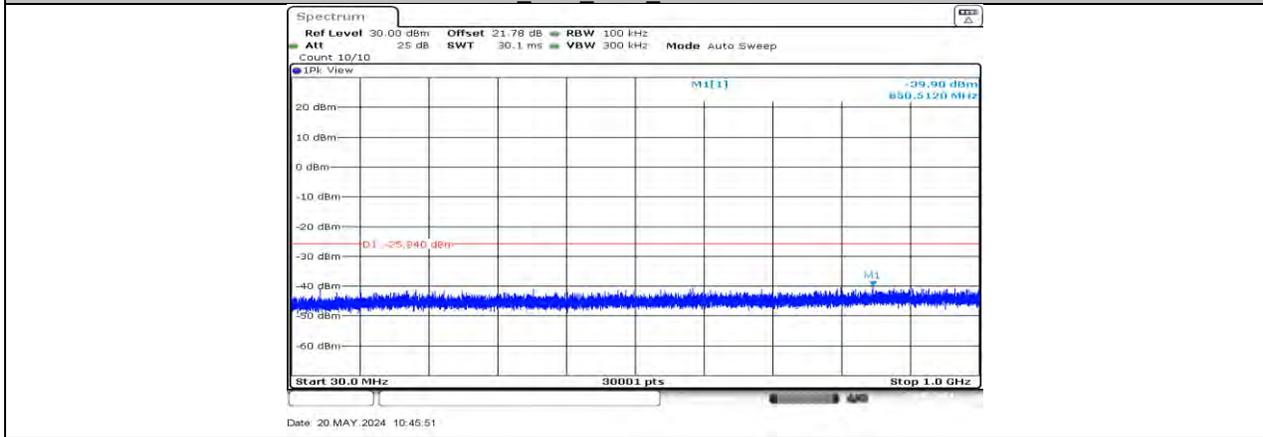




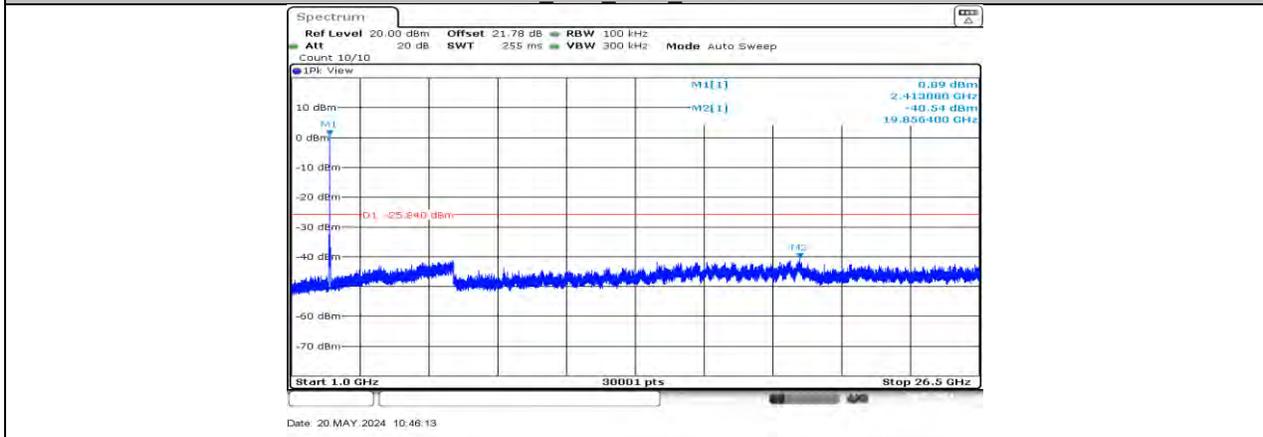
11G Ant1_2412_1000~26500

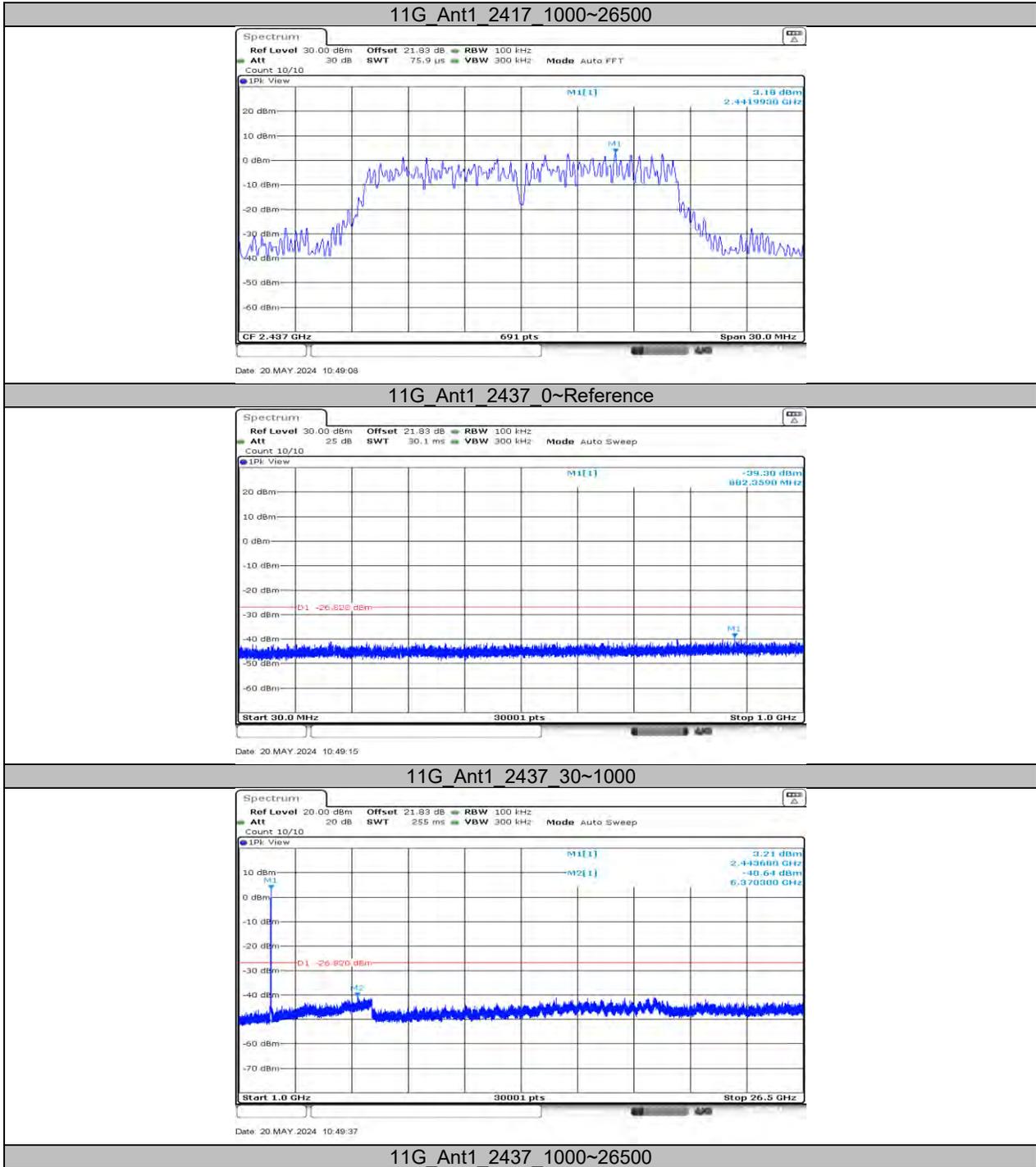


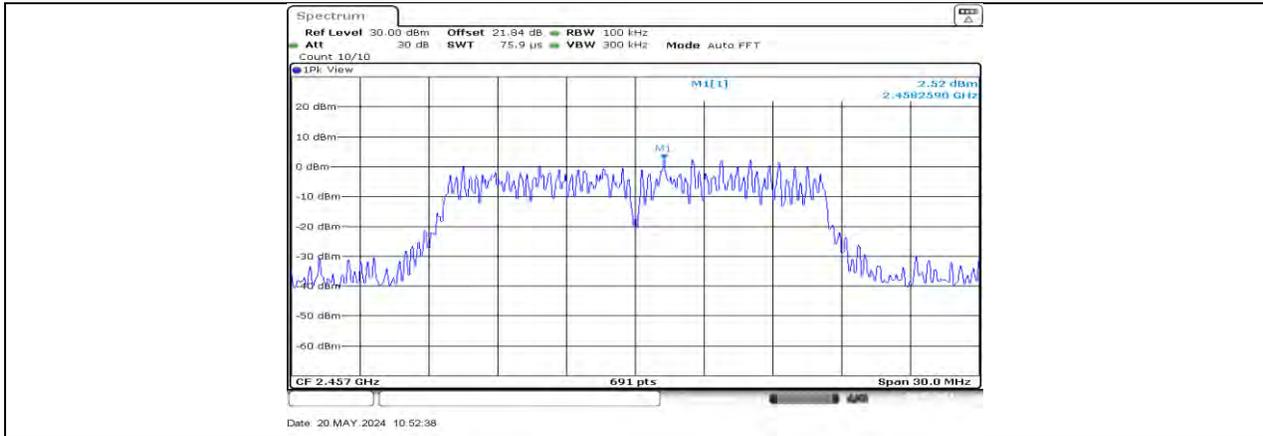
11G Ant1_2417_0~Reference



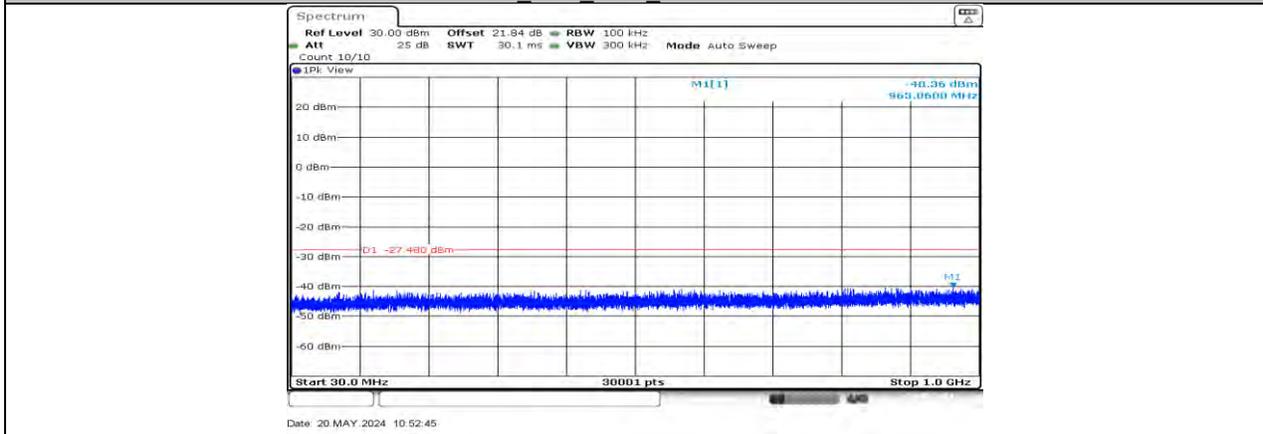
11G Ant1_2417_30~1000



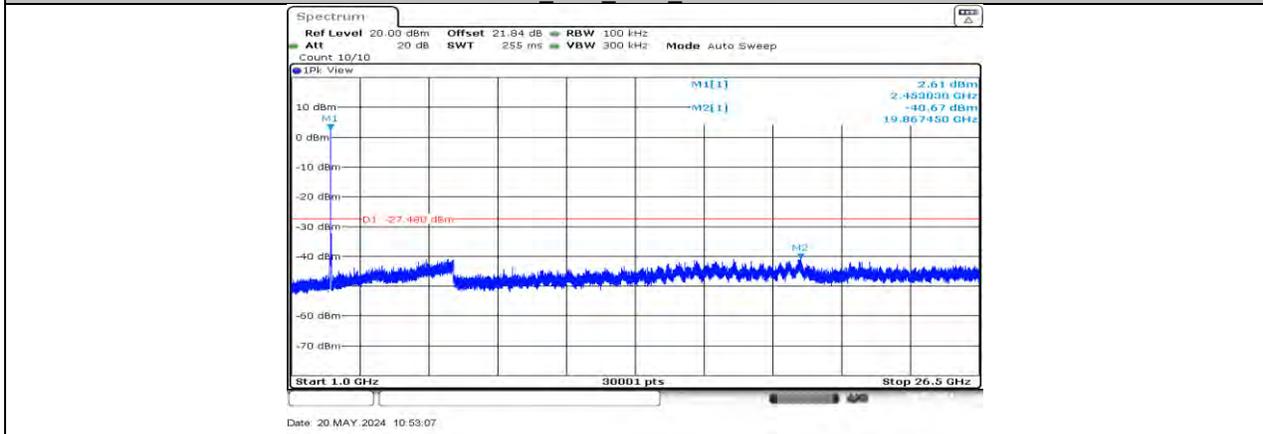




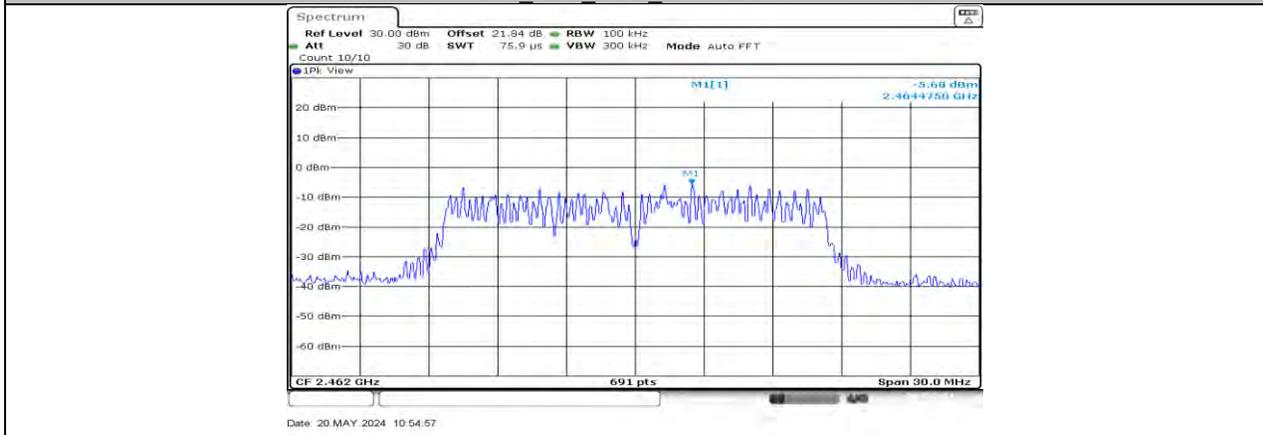
11G Ant1 2457 0~Reference

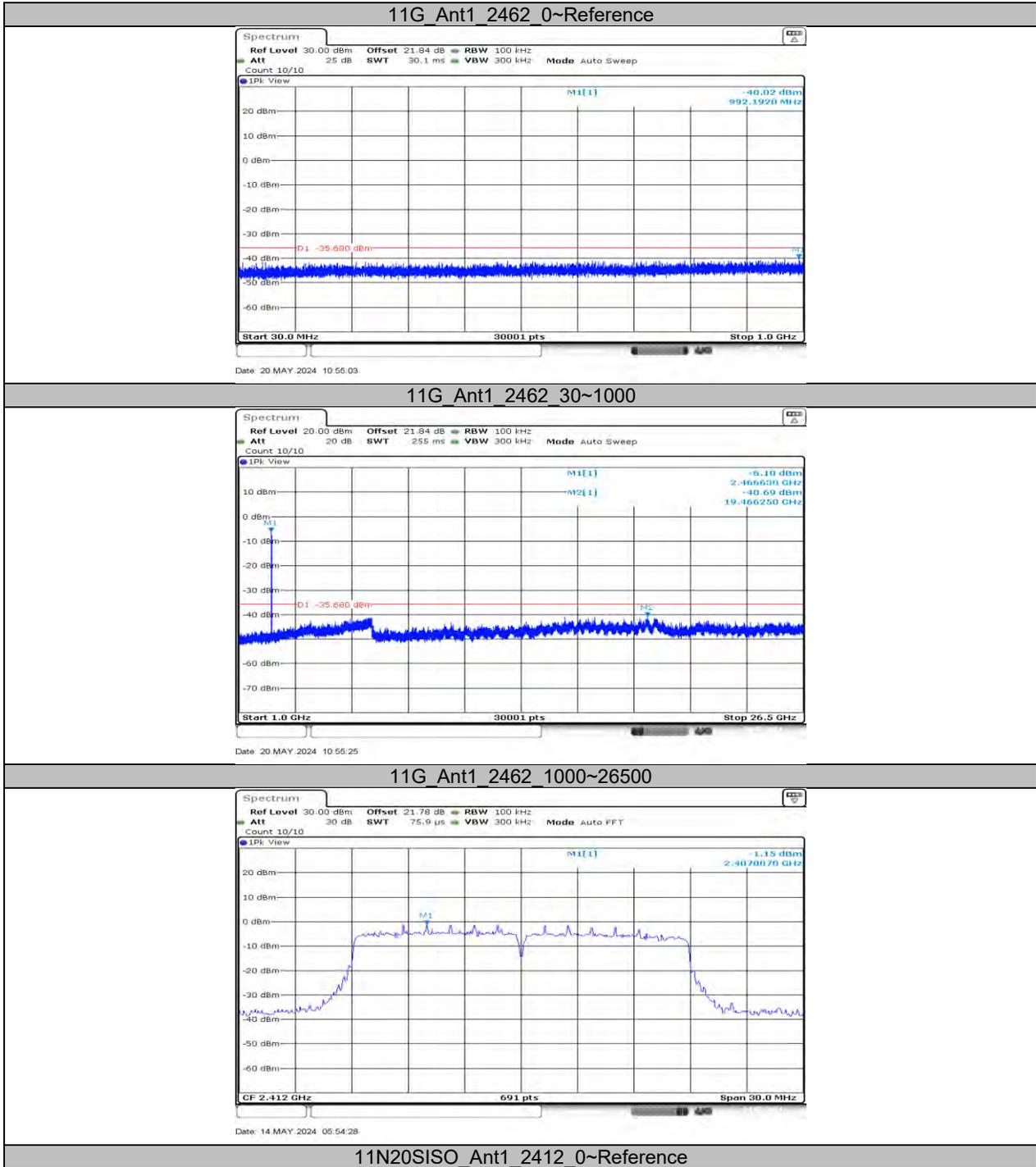


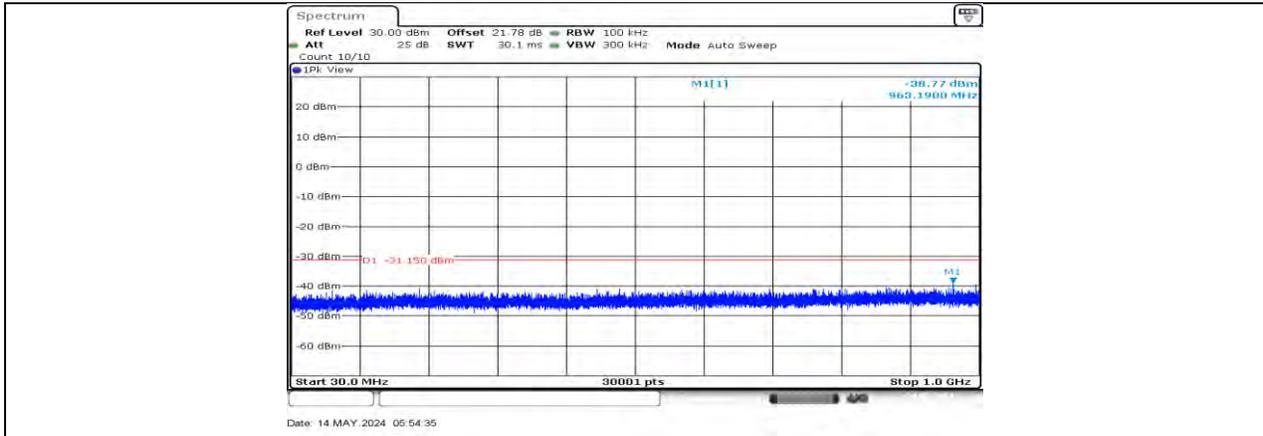
11G Ant1 2457 30~1000



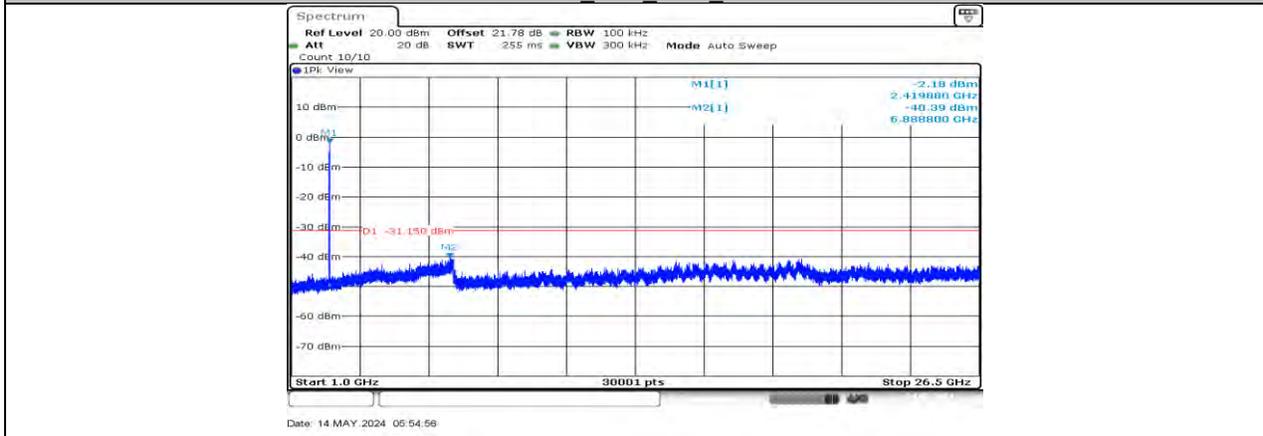
11G Ant1 2457 1000~26500



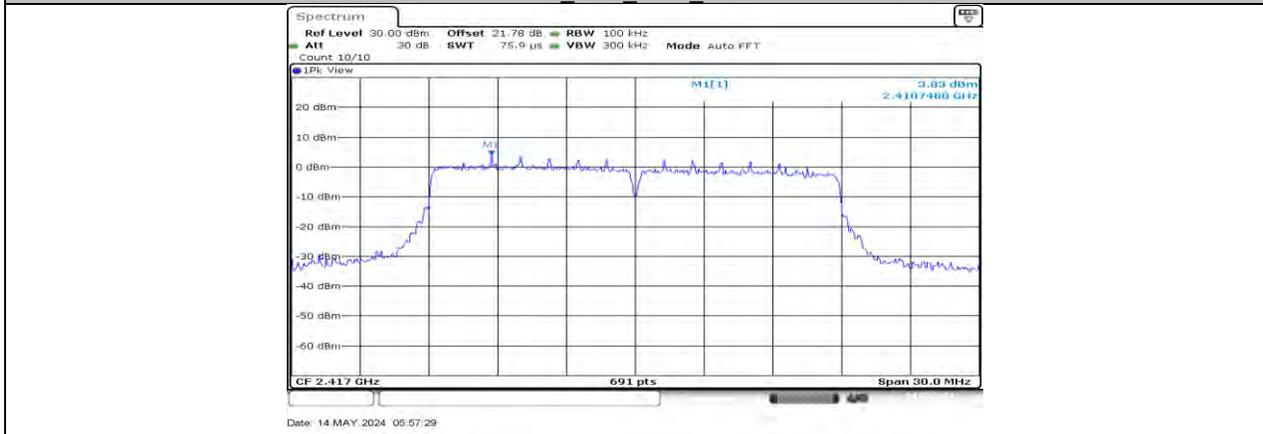




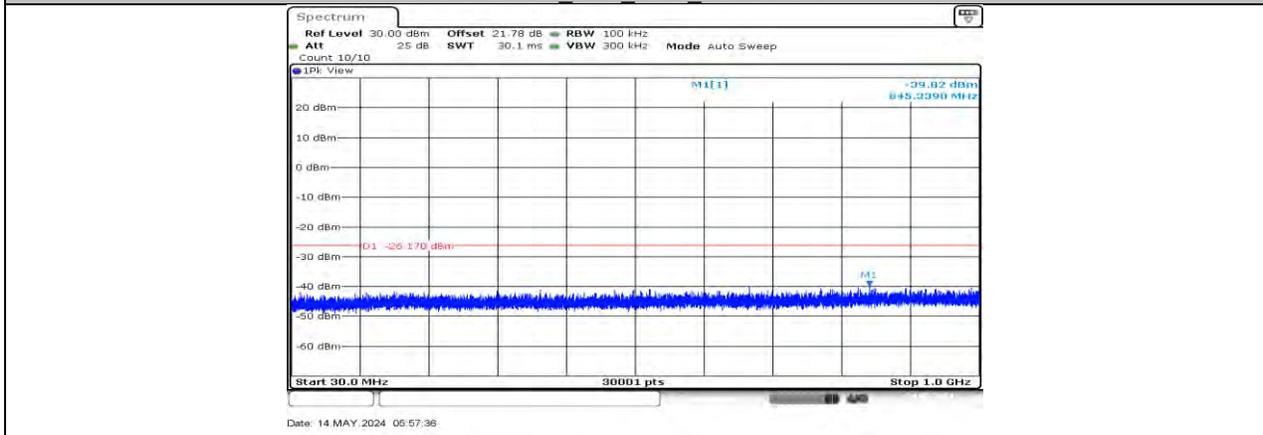
11N20SISO Ant1 2412 30~1000

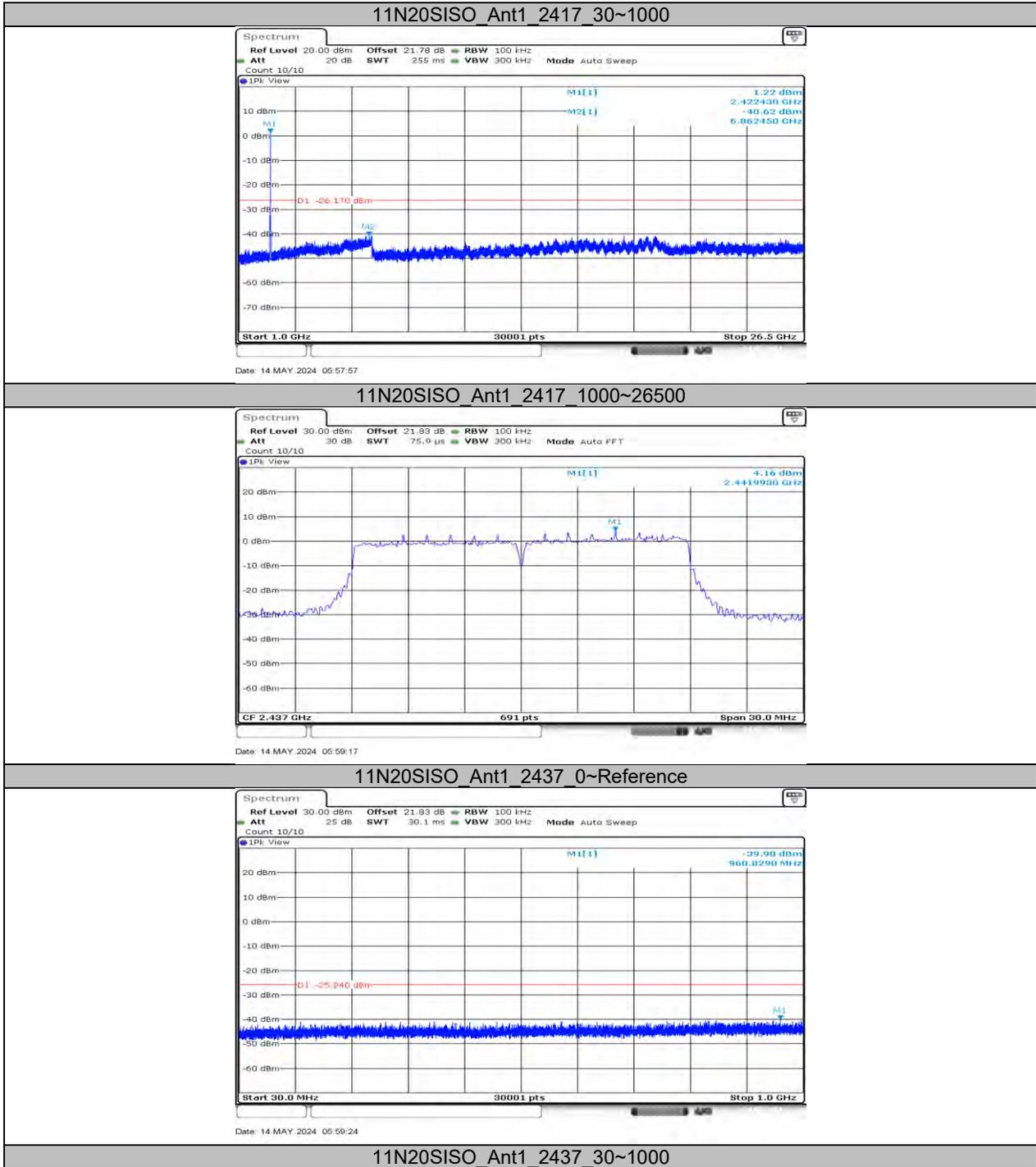


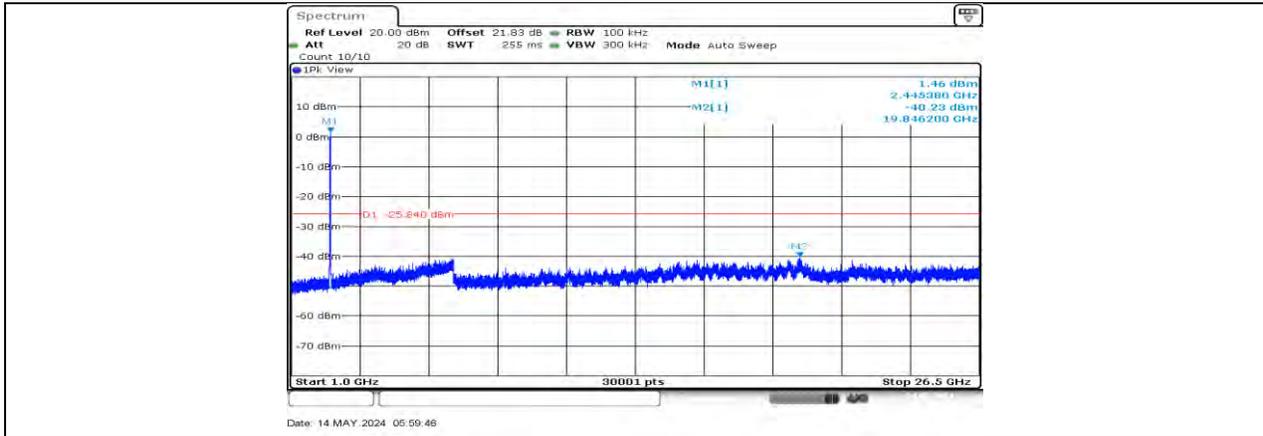
11N20SISO Ant1 2412 1000~26500



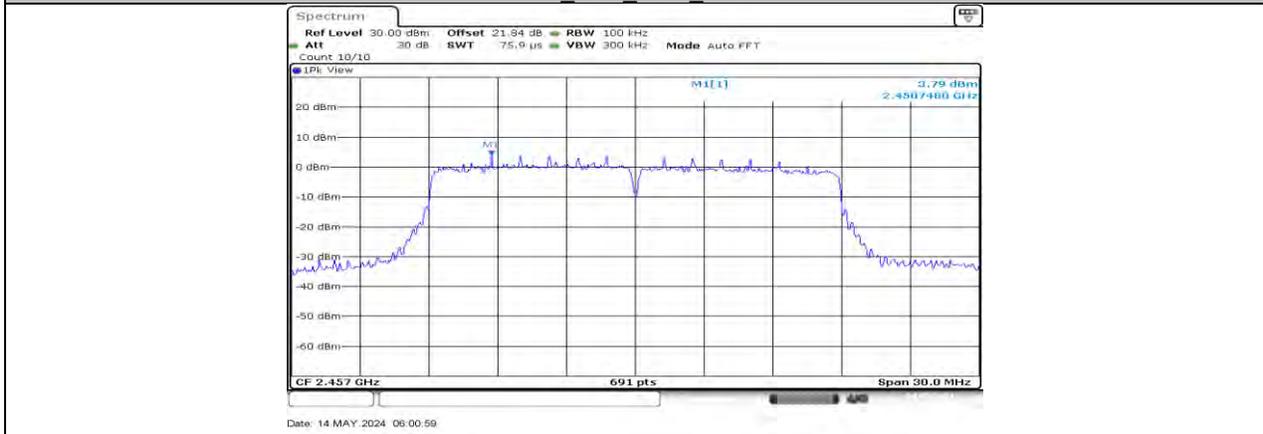
11N20SISO Ant1 2417 0~Reference



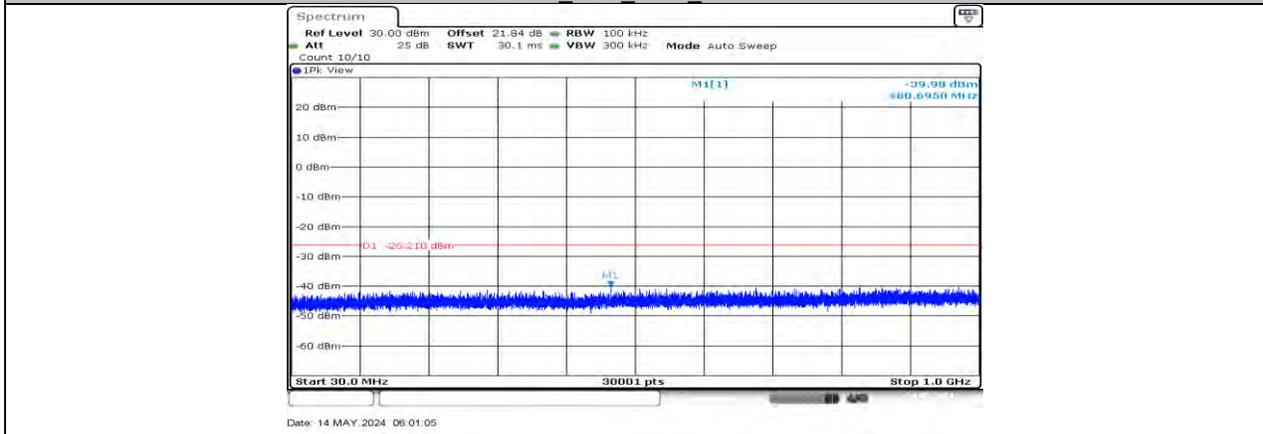




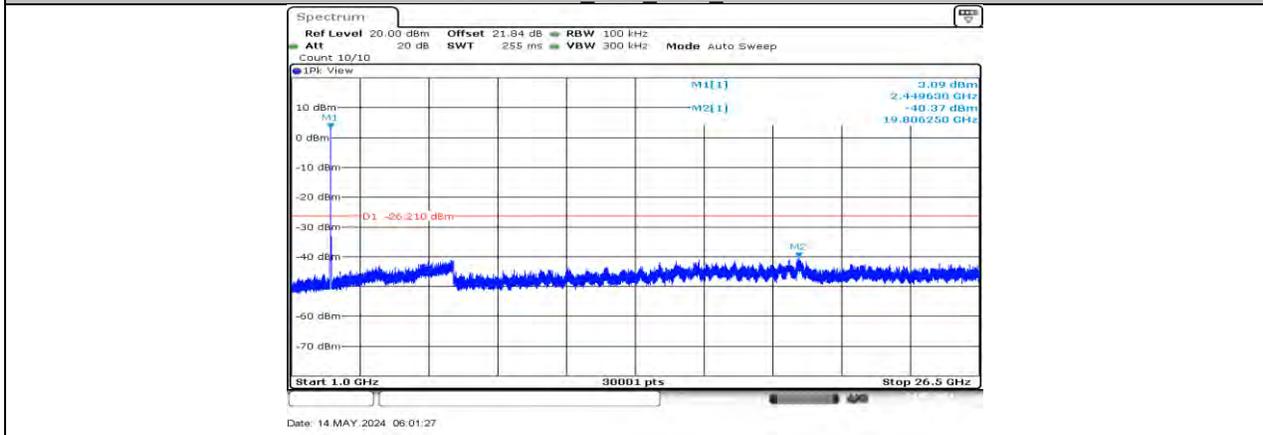
11N20SISO Ant1 2437 1000~26500

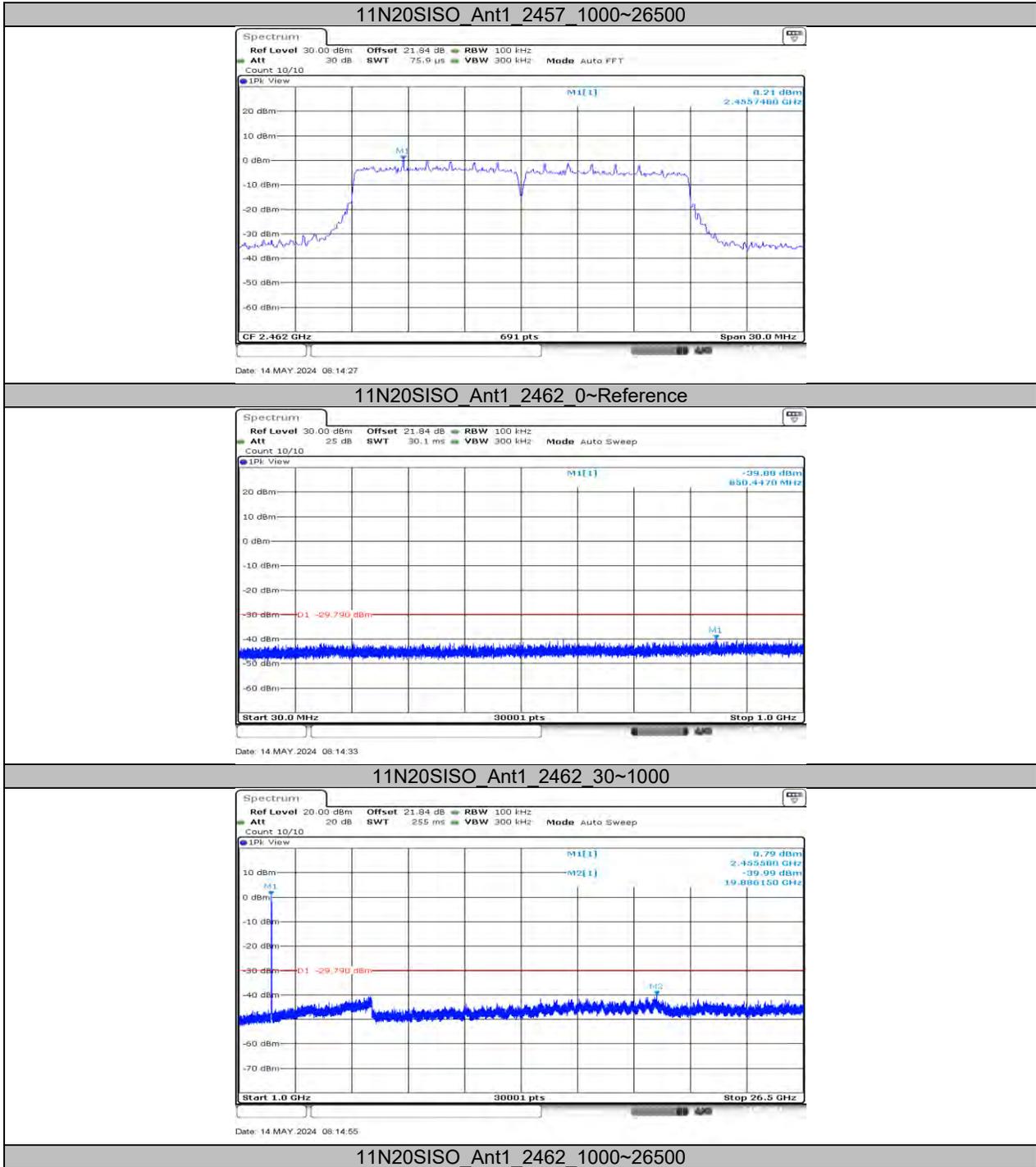


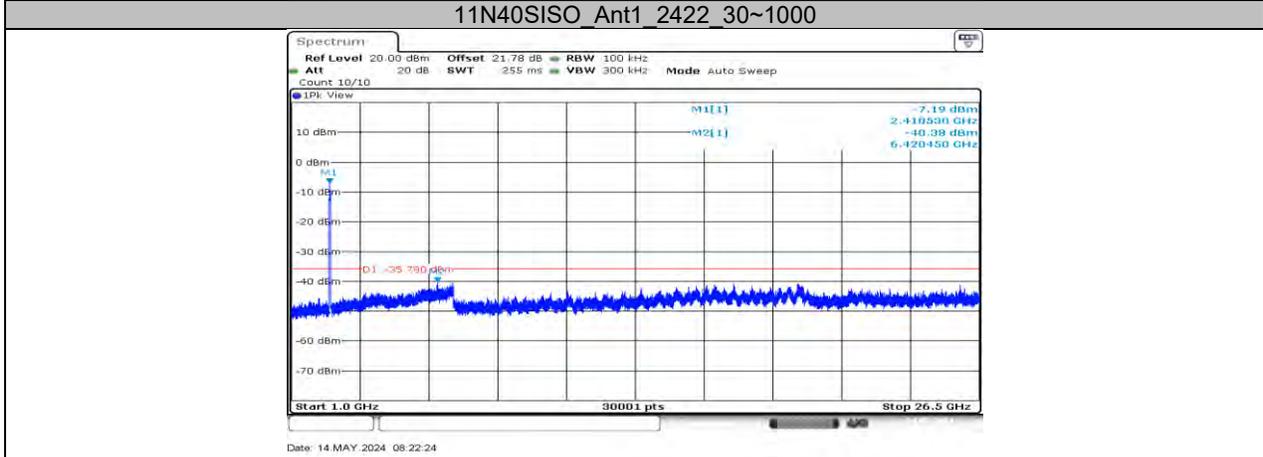
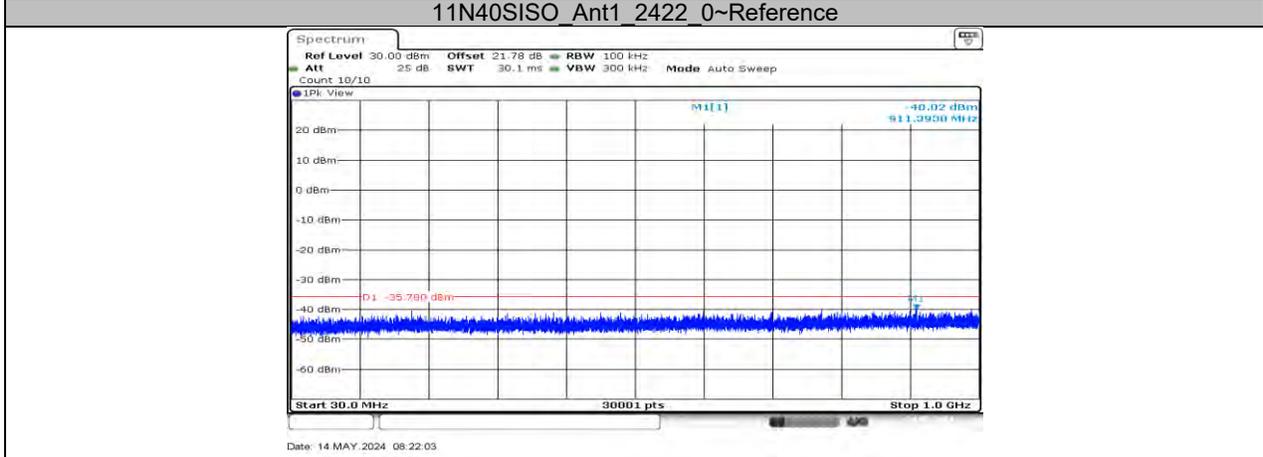
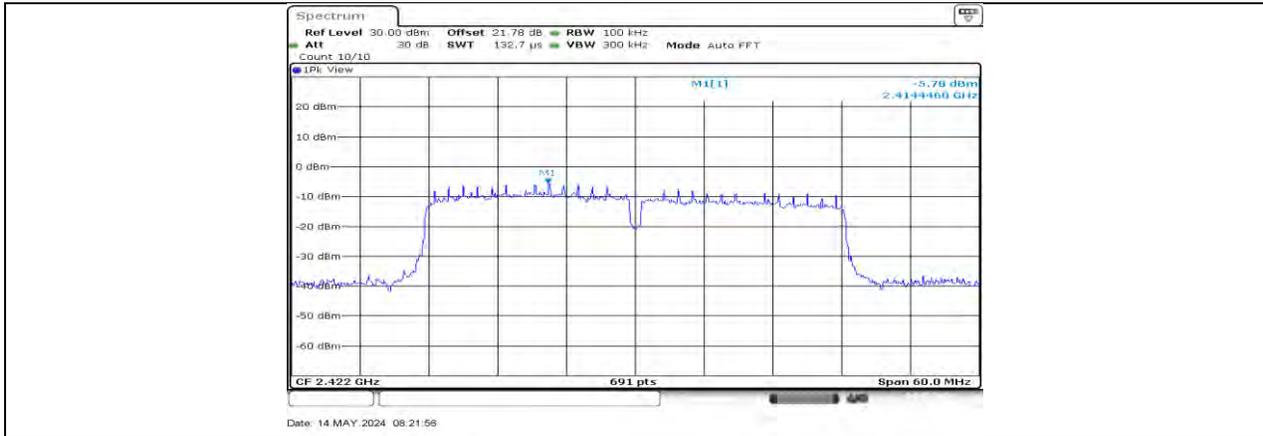
11N20SISO Ant1 2457 0~Reference

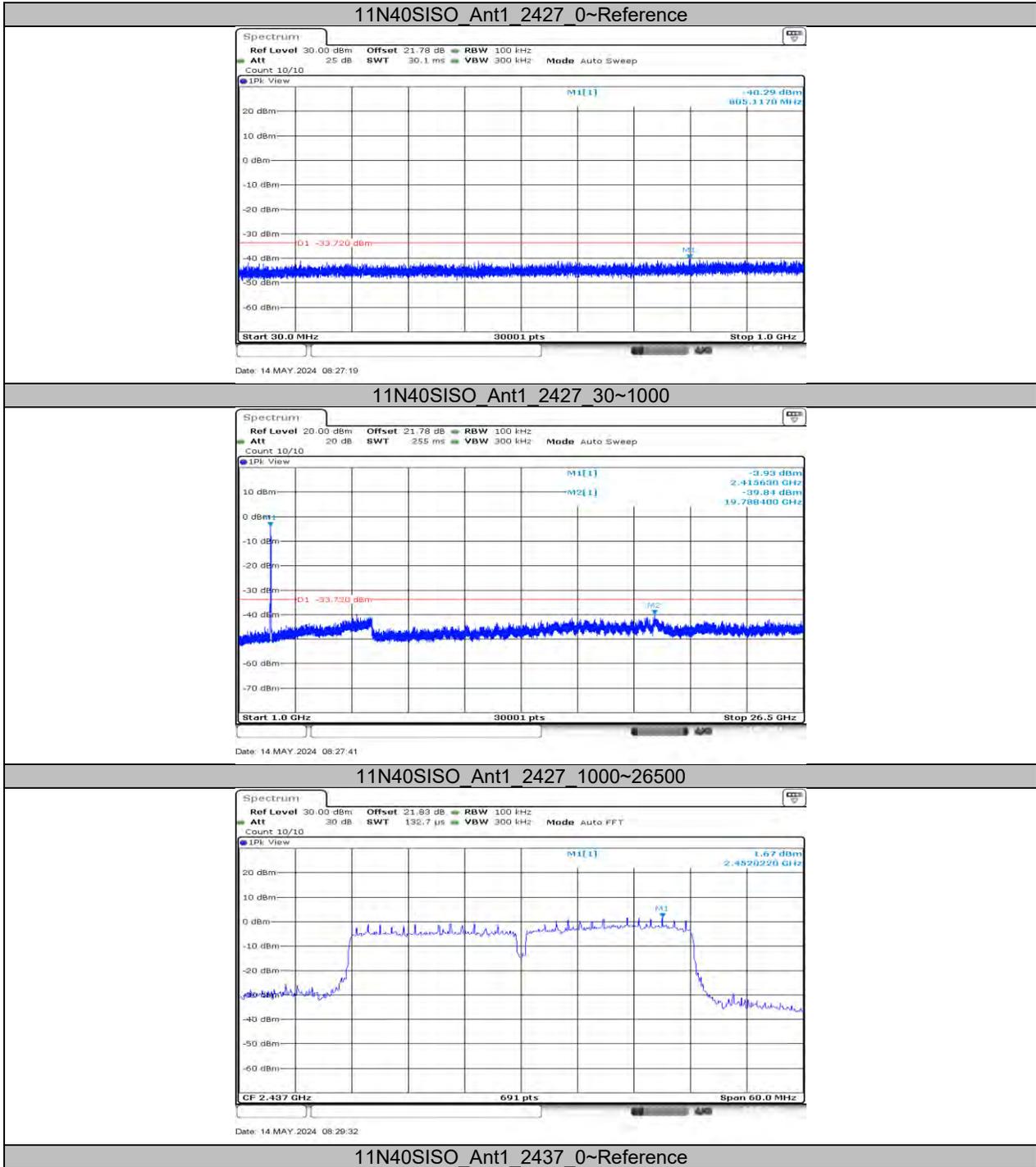


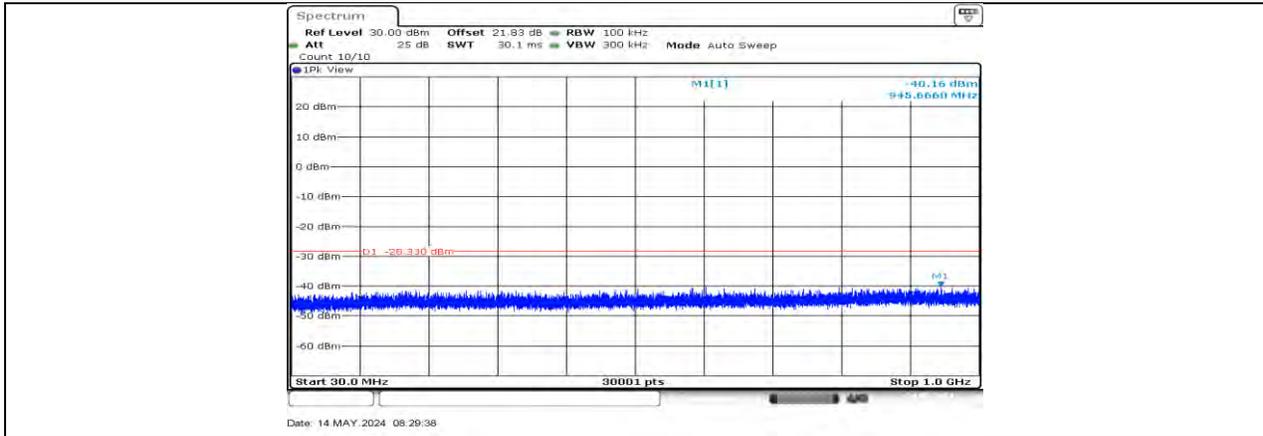
11N20SISO Ant1 2457 30~1000



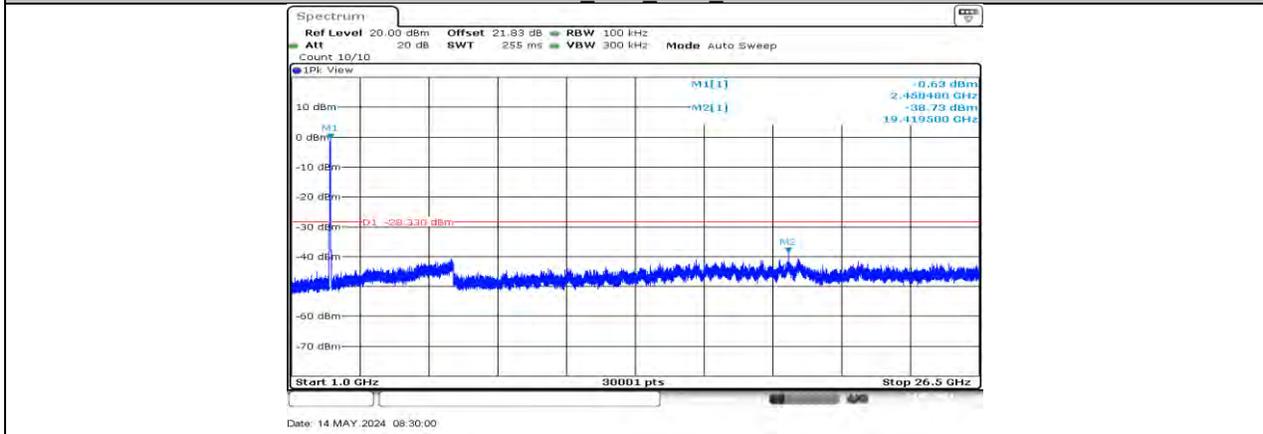




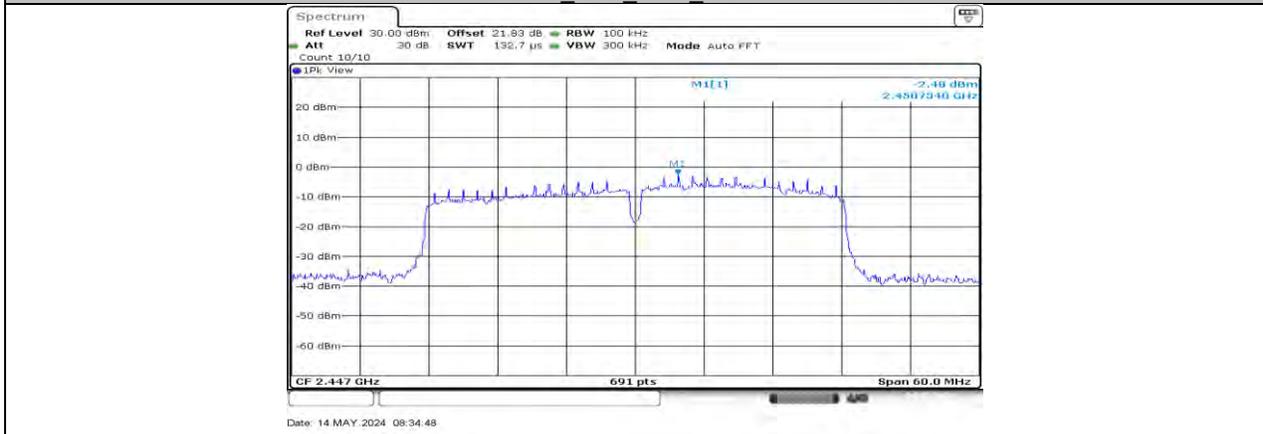




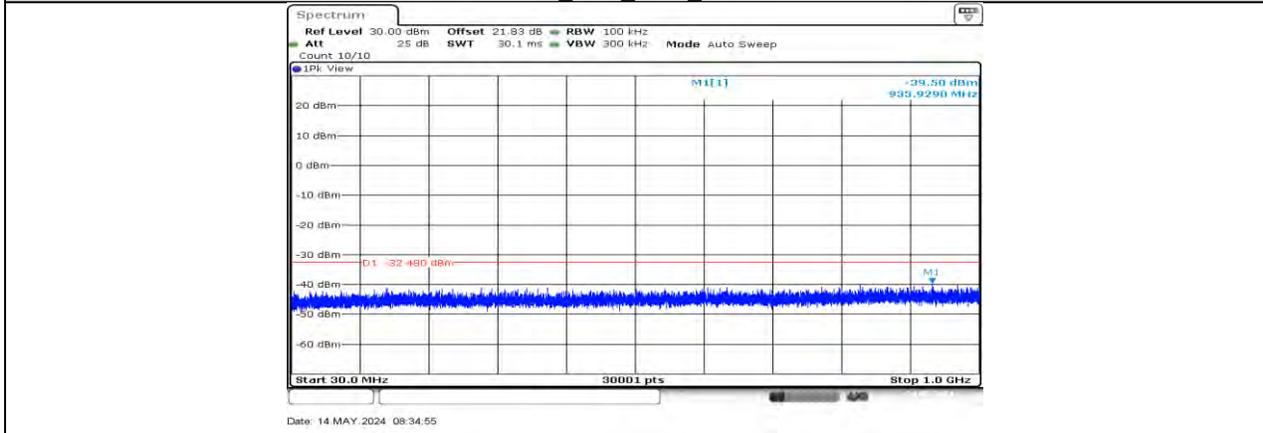
11N40SISO Ant1 2437 30~1000

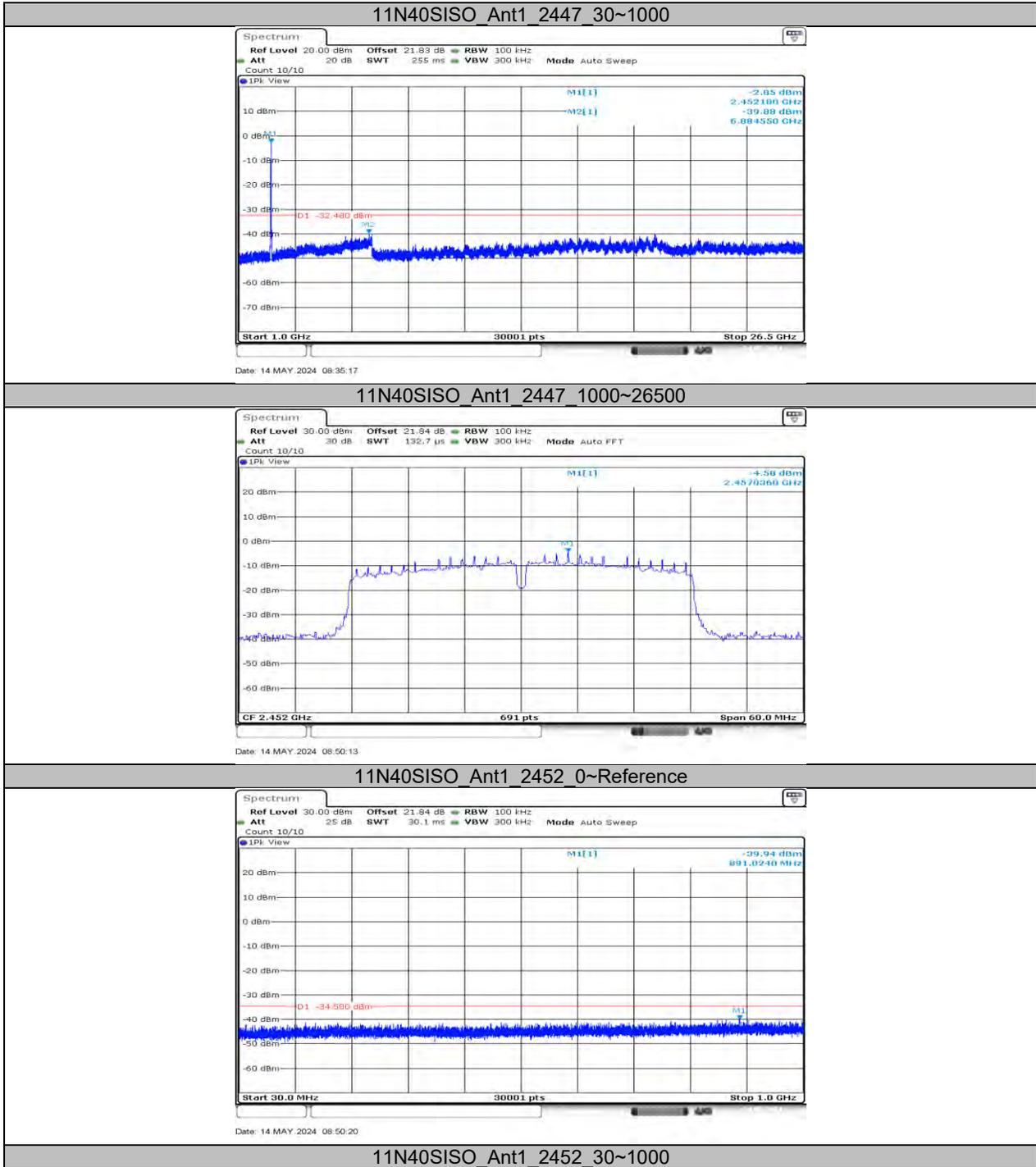


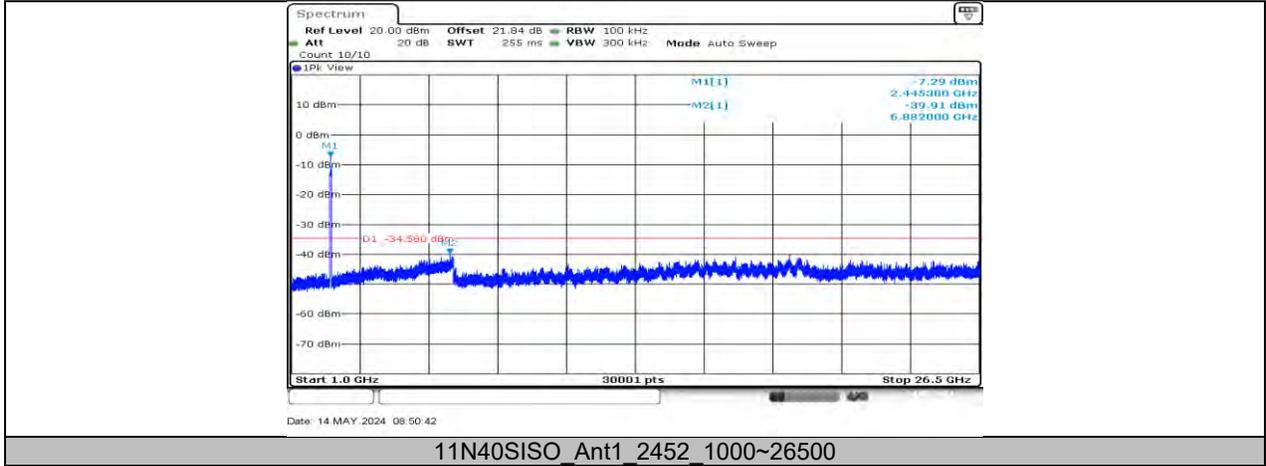
11N40SISO Ant1 2437 1000~26500



11N40SISO Ant1 2447 0~Reference







11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.20	8.24	0.9951	99.51	0.02	0.01	0.01
11G	2.46	2.53	0.9723	97.23	0.12	0.41	1
11N20SISO	1.15	1.20	0.9583	95.83	0.18	0.87	1
11N40SISO	0.57	0.61	0.9344	93.44	0.29	1.75	2

Note:

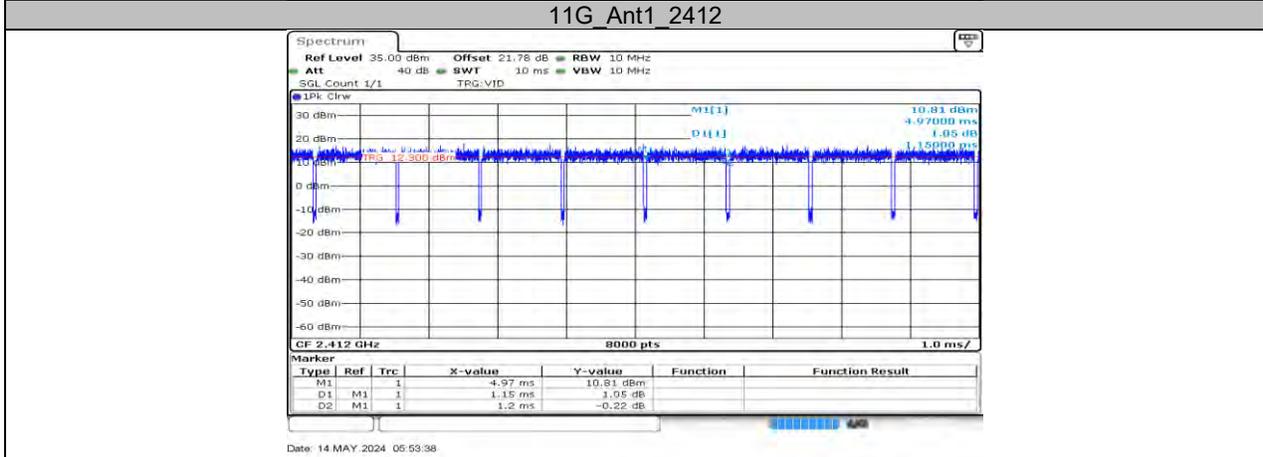
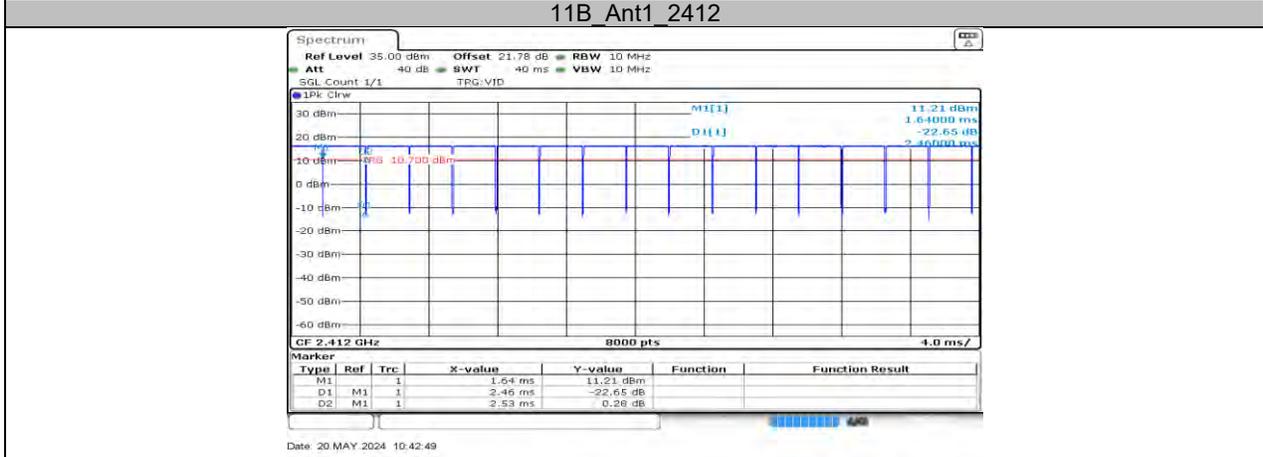
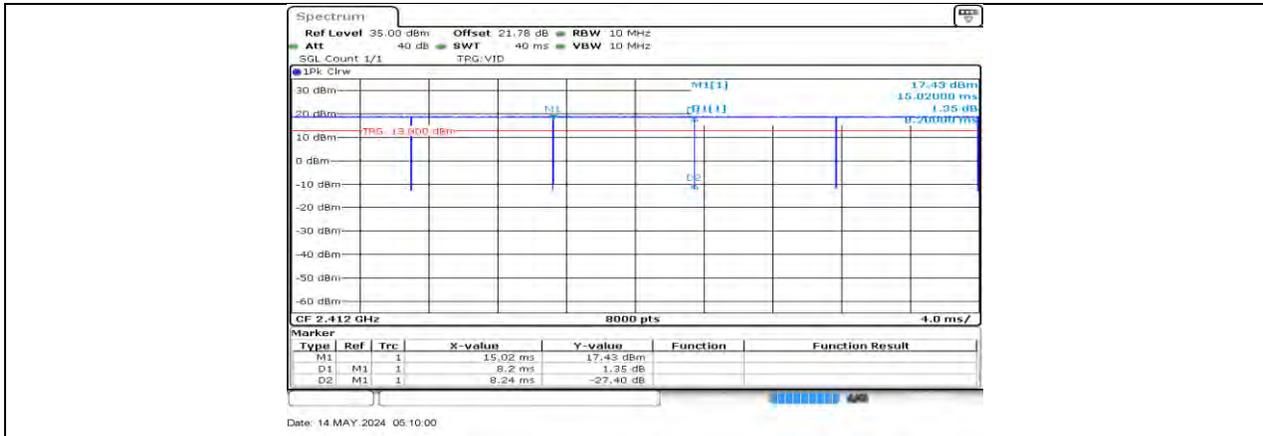
Duty Cycle Correction Factor=10log (1/x).

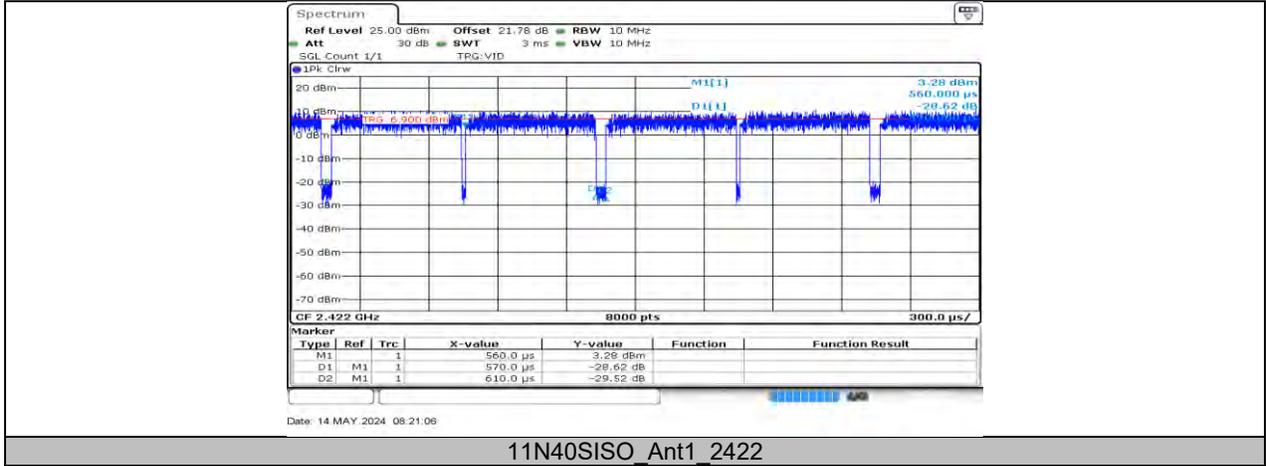
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs





END OF REPORT