

Report No.: SUZR/2021/9002505

Rev.: 01

Page: 1 of 133

# TEST REPORT

**Application No.:** ZR/2021/90025  
**Applicant:** Great Talent Technology Limited  
**Address of Applicant:** 35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China  
**Manufacturer:** Great Talent Technology Limited  
**Address of Manufacturer:** 35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China  
**EUT Description:** smart phone  
**Model No.:** MH-T6000  
**Trade Mark:** MOXEE  
**FCC ID:** 2ALZM-MH-T6000  
**Standards:** 47 CFR FCC Part 2, Subpart J  
 47 CFR Part 15, Subpart C  
**Date of Receipt:** 2021/11/9  
**Date of Test:** 2021/11/20 to 2021/12/13  
**Date of Issue:** 2021/12/13

<b>Test Result :</b>	<b>PASS *</b>
----------------------	---------------

\* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

Panta Sun  
Wireless Laboratory Manager


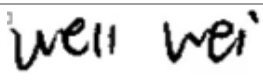


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# 1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021/12/13		Original

<b>Prepared By</b>		 <hr/> <b>(Weller Liu) / Engineer</b>
<b>Checked By</b>		 <hr/> <b>(Well Wei) / Reviewer</b>



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## 2 Test Summary

Test Item	Test Requirement	Test Method	Test Result	Result
Antenna Requirement	15.203/247(b)	--	Clause 4.1	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10 2013	Clause 4.2	PASS
Duty Cycle	--	--	Clause 4.3	PASS
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 2013	Clause 4.4	PASS
DTS (6 dB) Bandwidth & 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 2013	Clause 4.5	PASS
Power Spectral Density	15.247 (e)	ANSI C63.10 2013	Clause 4.6	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10 2013	Clause 4.7	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10 2013	Clause 4.8	PASS
Radiated Spurious Emissions	15.247(d);15.205/15.209	ANSI C63.10 2013	Clause 4.9	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d);15.205/15.209	ANSI C63.10 2013	Clause 4.10	PASS



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### 3 General Information

#### 3.1 Details of Client

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Address of Applicant:	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China
Manufacturer:	Great Talent Technology Limited
Address of Manufacturer:	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China

#### 3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	Weller Liu, King-p Li, Nature Shen, Tizzy Song



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### 3.3 Test Facility

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

• **A2LA (Certificate No. 6336.01)**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

• **Innovation, Science and Economic Development Canada**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

• **FCC –Designation Number: CN1312**

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number:0031225543



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### 3.4 General Description of EUT

EUT Description:	smart phone
Model No.:	MH-T6000
Trade Mark:	MOXEE
Hardware Version:	Q6006_V1.0
Software Version:	MH-T6000V1.0.0B004
IEEE 802.11 WLAN Mode Supported	<input checked="" type="checkbox"/> 802.11b (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11g (20 MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11n (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11n (40 MHz channel bandwidth)
Operation Frequency:	2400 MHz -2483.5MHz $f_c = 2407 \text{ MHz} + N * 5 \text{ MHz}$ , where: - $f_c$ = "Operating Frequency" in MHz, - $N$ = "Channel Number" with the range from 1 to 11 for the 20 MHz channel bandwidth, or 3 to 9 for the 40 MHz channel bandwidth.
Type of Modulation:	IEEE for 802.11b: DSSS IEEE for 802.11g : OFDM IEEE for 802.11n(HT20): OFDM IEEE for 802.11n(HT40): OFDM
Sample Type:	<input checked="" type="checkbox"/> Portable Device, <input type="checkbox"/> Module
Antenna Type:	<input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated
Antenna Ports	<input checked="" type="checkbox"/> Ant 1, <input type="checkbox"/> Ant 2, <input type="checkbox"/> Ant 3
Smart System	<input checked="" type="checkbox"/> SISO (for 802.11b/g/n), <input type="checkbox"/> MIMO (for 802.11 b/g/n): Tx & Rx, <input type="checkbox"/> Diversity (for 802.11b/g) : Tx & Rx
Antenna Gain*:	<input checked="" type="checkbox"/> Provided by applicant 3.01dBi
RF Cable*:	<input checked="" type="checkbox"/> Provided by applicant 1.0dB
Remark:	<p>*Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information , SGS is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.</p>



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Operation Frequency of each channel (802.11b/g/n HT20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		
Operation Frequency of each channel (802.11n HT40)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	2422MHz	6	2437MHz	9	2452MHz		
4	2427MHz	7	2442MHz				
5	2432MHz	8	2447MHz				
Remark: In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:							
Channel	Frequency for 802.11 b/g/n (HT20)			Frequency for 802.11n (HT40)			
The Lowest channel	2412MHz			2422MHz			
The Middle channel	2437MHz			2437MHz			
The Highest channel	2462MHz			2452MHz			





### 3.5 Test Environment and Mode

Environment Parameter	101.0 KPa Selected Values During Tests	
Relative Humidity	44-46 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22~23	3.8
LTVN	-20	3.8
HTNV	50	3.8

Remark:  
 NV: Normal Voltage  
 NT: Normal Temperature  
 LT: Low Extreme Test Temperature  
 HT: High Extreme Test Temperature

### 3.6 Description of Support Units

The EUT has been tested independent unit.



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## 4 Test results and Measurement Data

### 4.1 Antenna Requirement

<b>Standard requirement:</b>	47 CFR Part 15C Section 15.203 /247(c)
<p>15.203 requirement:          An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, 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.</p> <p>15.247(b) (4) requirement:          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.</p>	
<p>The antenna is integrated and no consideration of replacement. The best case gain of the antenna is 3.01dBi.</p>	



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### 4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarithm of the frequency.		
Test Procedure:	<p>1) The mains terminal disturbance voltage test was conducted in a shielded room.</p> <p>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</p> <p>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</p> <p>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.</p>		



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<p>Test Setup:</p>	
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates at lowest, middle and highest channel. Charge + Transmitting mode.</p>
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 1Mbps of rate of 802.11b at lowest channel is the worst case. Charge + Transmitting mode. Only the worst case is recorded in the report.</p>
<p>Instruments Used:</p>	<p>Refer to section 6 for details</p>
<p>Test Results:</p>	<p>Pass</p>



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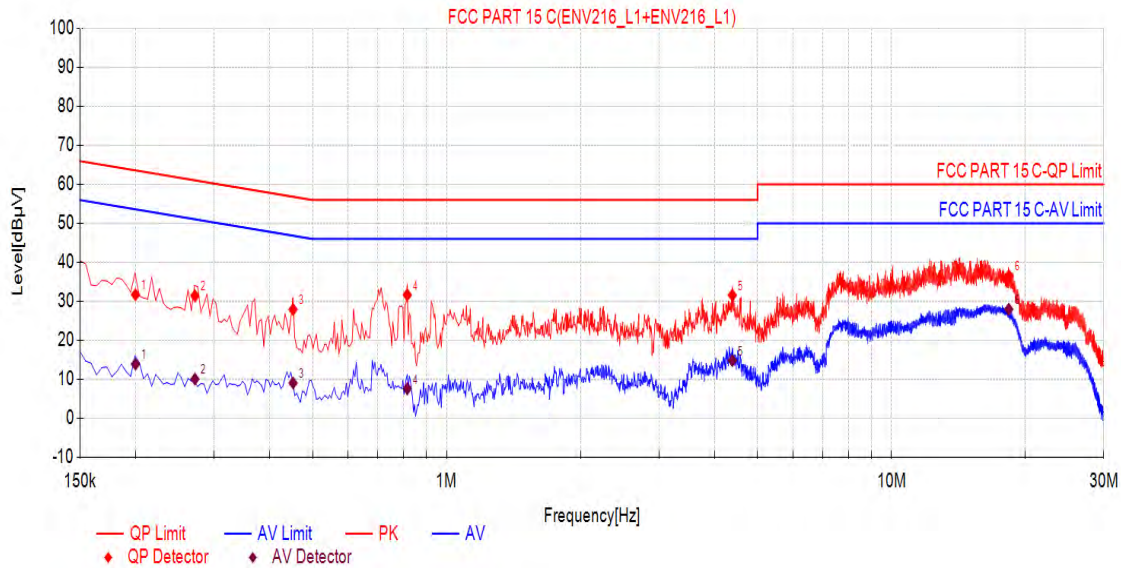
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Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live Line:



Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.200	9.82	31.71	63.61	31.90	13.88	53.61	39.73	PASS
2	0.272	9.70	31.39	61.06	29.67	10.03	51.06	41.03	PASS
3	0.452	9.56	27.89	56.84	28.95	9.04	46.84	37.80	PASS
4	0.8160	9.52	31.64	56.00	24.36	7.55	46.00	38.45	PASS
5	4.389	9.69	31.57	56.00	24.43	14.77	46.00	31.23	PASS
6	18.353	9.46	36.57	60.00	23.43	27.98	50.00	22.02	PASS

Remark:

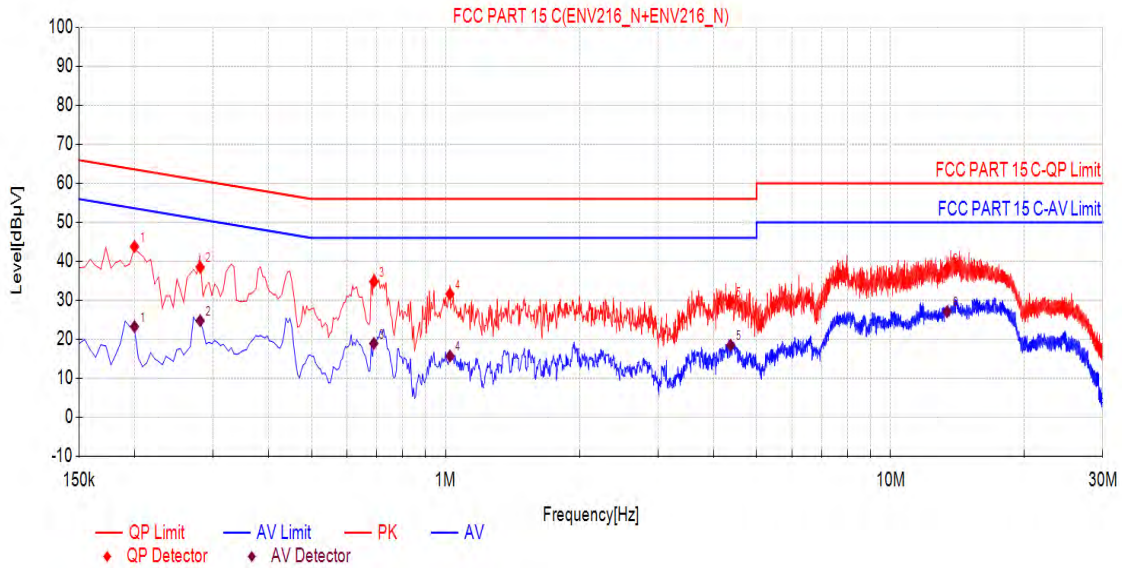
- The following Quasi-Peak and Average measurements were performed on the EUT:
- Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



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Neutral Line:



Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.200	9.67	43.79	63.61	19.82	23.23	53.61	30.38	PASS
2	0.281	9.74	38.49	60.79	22.30	24.76	50.79	26.03	PASS
3	0.6900	9.80	34.78	56.00	21.22	18.92	46.00	27.08	PASS
4	1.0230	9.64	31.63	56.00	24.37	15.69	46.00	30.31	PASS
5	4.371	9.70	29.71	56.00	26.29	18.41	46.00	27.59	PASS
6	13.403	9.62	38.18	60.00	21.82	27.05	50.00	22.95	PASS

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



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### 4.3 Duty Cycle

The detailed test data see: **Appendix**



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### 4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)
Test Method:	ANSI C63.10 :2013 Section 11.9.1.2
Test Setup:	
Test Instruments:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g ; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40).
Limit:	30dBm
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	





### 4.5 DTS (6 dB) Bandwidth & 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10: 2013 Section 11.8.1 Option 1
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g ; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40).
Limit:	≥ 500 kHz
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



### 4.6 Power Spectral Density

Test Requirement:	47 CFR Part 15C Section 15.247 (e)
Test Method:	ANSI C63.10 :2013 Section 11.10.2
Test Setup:	
Test Instruments:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g ; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40).
Limit:	≤8.00dBm/3kHz
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



### 4.7 Band-edge for RF Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.13
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g ; 6.5Mbps of rate is the worst case of 802.11n(HT20); 13.5Mbps of rate is the worst case of 802.11n(HT40).
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



### 4.8 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.11
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g ; 6.5Mbps of rate is the worst case of 802.11n(HT20); 13.5Mbps of rate is the worst case of 802.11n(HT40).
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



### 4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10 :2013 Section 11.12				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak	
	Peak	1MHz	10Hz (DC≥0.98) ≥1/T (DC<0.98)	Average	
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
Remark: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					



<p><b>Test Setup:</b></p>	
<p>Figure 1. Below 30MHz</p>	<p>Figure 2. 30MHz to 1GHz</p>
<p>Figure 3. Above 1 GHz</p>	
<p><b>Test Procedure:</b></p>	<ol style="list-style-type: none"> <li>For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation</li> <li>The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT</li> </ol>



	<p>would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</p> <p>h. Test the EUT in the lowest channel, the middle channel ,the Highest channel.</p> <p>i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.</p> <p>j. Repeat above procedures until all frequencies measured was complete.</p>
Test Configuration:	<p>Measurements Below 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 120 kHz</li> <li>• VBW = 300 kHz</li> <li>• Detector = Peak</li> <li>• Trace mode = max hold</li> </ul> <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• VBW ≥ 3 MHz</li> <li>• Detector = Peak</li> <li>• Sweep time = auto</li> <li>• Trace mode = max hold</li> </ul> <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• VBW = 10 Hz, when duty cycle is no less than 98 percent.</li> <li>• VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.</li> </ul>
Exploratory Test Mode:	<p>Transmitting with all kind of modulations, data rates.</p> <p>Charge + Transmitting mode.</p>
Final Test Mode:	<p>Pretest the EUT at Charge + Transmitting mode.</p> <p>Through Pre-scan, find the</p> <p>1Mbps of rate is the worst case of 802.11b;</p> <p>6Mbps of rate is the worst case of 802.11g;</p> <p>6.5Mbps of rate is the worst case of 802.11n(HT20);</p> <p>13.5Mbps of rate is the worst case of 802.11nHT40);</p> <p>For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11b at lowest channel is the worst case. Only the worst case is recorded in the report.</p>
Instruments Used:	Refer to section 6 for details
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



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### 4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205		
Test Method:	ANSI C63.10: 2013 Section 11.12		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			

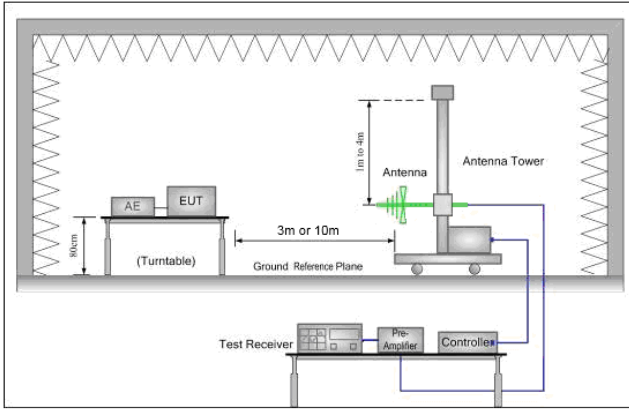


Figure 1. 30MHz to 1GHz

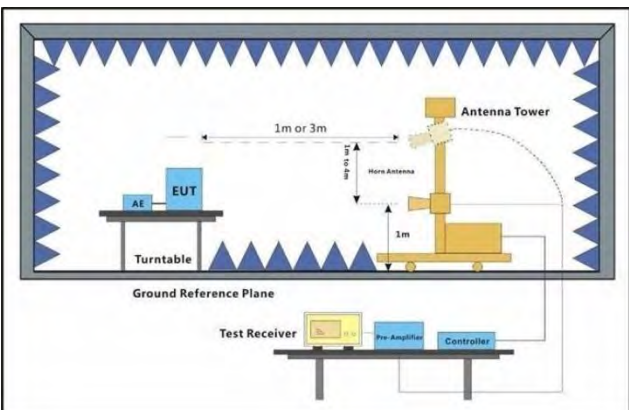


Figure 2. Above 1 GHz



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<p>Test Procedure:</p>	<ol style="list-style-type: none"> <li>a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>g. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel</li> <li>h. Test the EUT in the lowest channel , the Highest channel</li> <li>i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode,And found the X axis positioning which it is worse case.</li> <li>j. Repeat above procedures until all frequencies measured was complete.</li> </ol>
<p>Test Configuration:</p>	<p>Measurements Below 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 120 kHz</li> <li>• VBW = 300 kHz</li> <li>• Detector = Peak</li> <li>• Trace mode = max hold</li> </ul> <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• VBW ≥ 3 MHz</li> <li>• Detector = Peak</li> <li>• Sweep time = auto</li> <li>• Trace mode = max hold</li> </ul> <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> <li>• RBW = 1 MHz</li> <li>• VBW = 10 Hz, when duty cycle is no less than 98 percent.</li> <li>• VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.</li> </ul>
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates. Charge + Transmitting mode.</p>
<p>Final Test Mode:</p>	<p>Pretest the EUT at Charge + Transmitting mode. Through Pre-scan, find the</p>



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	1Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20); 13.5Mbps of rate is the worst case of 802.11n(HT40); Only the worst case is recorded in the report.
Instruments Used:	Refer to section 6 for details
Test Results:	Pass
The detailed test data see: <b>Appendix</b>	



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## 5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.54dB
2	RF power density, conducted	±1.03dB
3	Spurious emissions, conducted	±0.54dB
4	Radio Frequency	±7.25x 10 <sup>-8</sup>
5	Duty Cycle	±0.37%
6	Occupied Bandwidth	±7.25x 10 <sup>-8</sup>
7	Conduction Emission	± 2.9dB (150kHz to 30MHz)
8	Radiated Emission	± 3.13dB (9k -30MHz)
		± 4.8dB (30M -1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.8dB (Above 18GHz)



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## 6 Equipment List

Tonscend Test System					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Shielding Room	Brilliant-emc	N/A	SUWI-04-01-06	2021/5/8	2024/5/7
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2021/2/20	2022/2/19
Signal Analyzer	ROHDE&SCHWARZ	FSV3030	SUWI-01-02-02	2021/5/28	2022/5/27
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2021/2/20	2022/2/19
Measurement Software	Tonscend	JS1120-3 Test System V 2.6.88.0336	SUWI-02-09-09	NCR	NCR

CE Test Equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	Brilliant-emc	N/A	SUWI-04-03-01	2021/5/8	2024/5/7
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-01	2021/2/20	2022/2/19
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-02	2021/2/20	2022/2/19
Measurement Software	Tonscend	JS32-CE V3.0.0.1	SUWI-02-09-05	NCR	NCR
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2021/2/20	2022/2/19



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Wireless Laboratory

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RSE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/5/8	2024/5/7
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2021/2/20	2022/2/19
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2021/5/28	2022/5/27
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2021/2/20	2022/2/19
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/5/16	2022/5/15
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/5/16	2022/5/15
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/5/14	2022/5/13
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2021/2/20	2022/2/19
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2021/2/20	2022/2/19
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2021/2/20	2022/2/19
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/6/10	2022/6/9
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2021/2/20	2022/2/19
Measurement Software	Tonscend	JS32-RE V3.0.0.3	SUWI-02-09-04	NCR	NCR
Radio Communication Analyzer	ROHDE&SCHWARZ	CMW500	SUWI-01-27-01	2021/9/28	2022/9/27



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## 7 Photographs - EUT Constructional Details

Refer to Appendix A Setup Photos.



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# Appendix



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## DTS Bandwidth Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.580	0.5	PASS
		2437	9.120	0.5	PASS
		2462	8.640	0.5	PASS
11G	Ant1	2412	16.380	0.5	PASS
		2437	16.500	0.5	PASS
		2462	16.470	0.5	PASS
11N20SISO	Ant1	2412	17.580	0.5	PASS
		2437	17.610	0.5	PASS
		2462	17.670	0.5	PASS
11N40SISO	Ant1	2422	35.280	0.5	PASS
		2437	35.520	0.5	PASS
		2452	35.220	0.5	PASS



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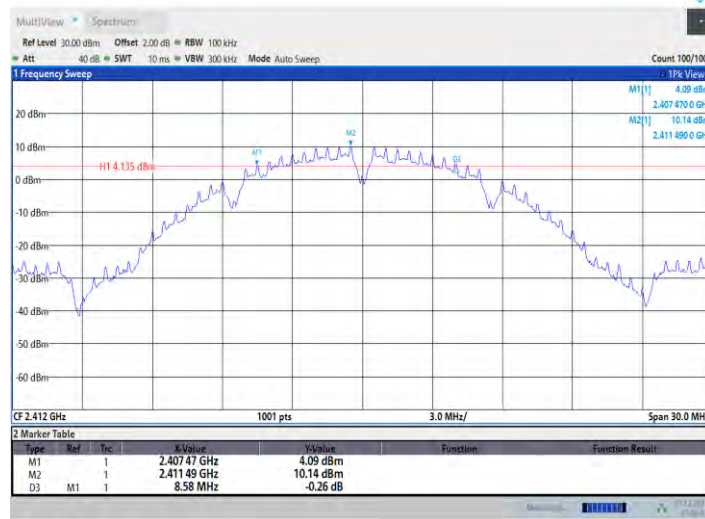
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Test Graphs

11B Ant1 2412



11:06:53 01.12.2021

11B Ant1 2437



11:09:02 01.12.2021



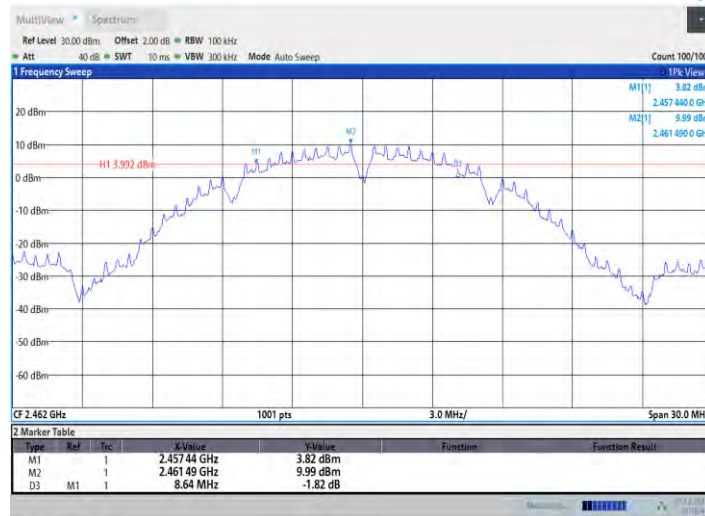
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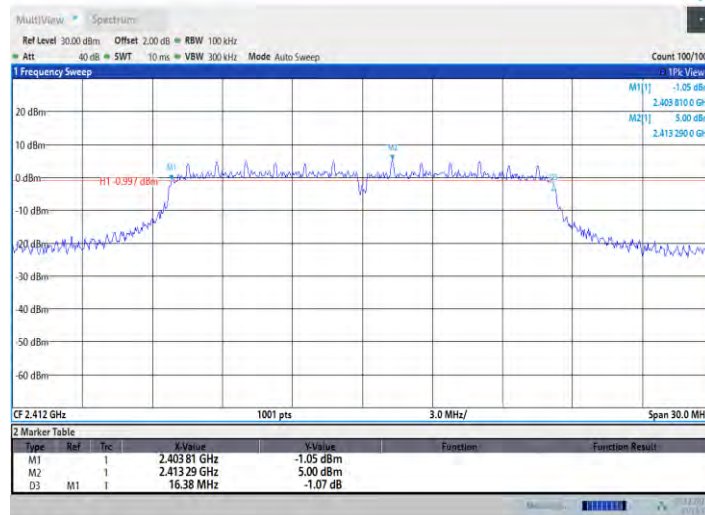
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11B\_Ant1\_2462



11:10:44 01.12.2021

11G\_Ant1\_2412



11:12:35 01.12.2021

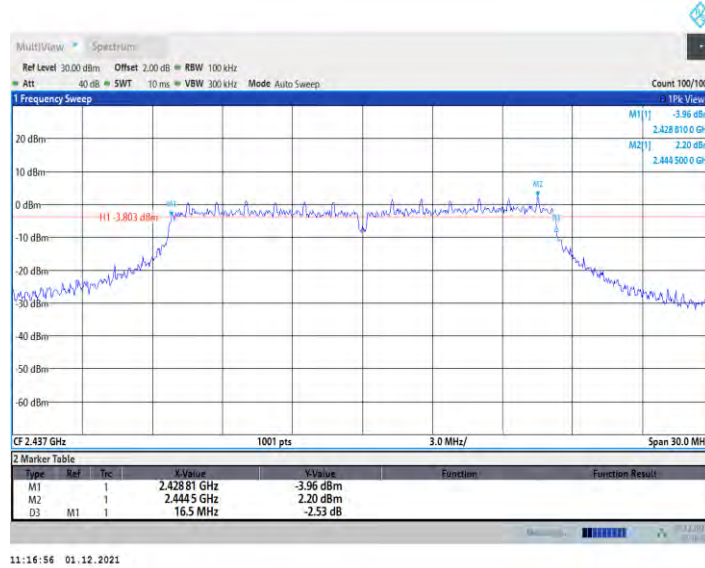


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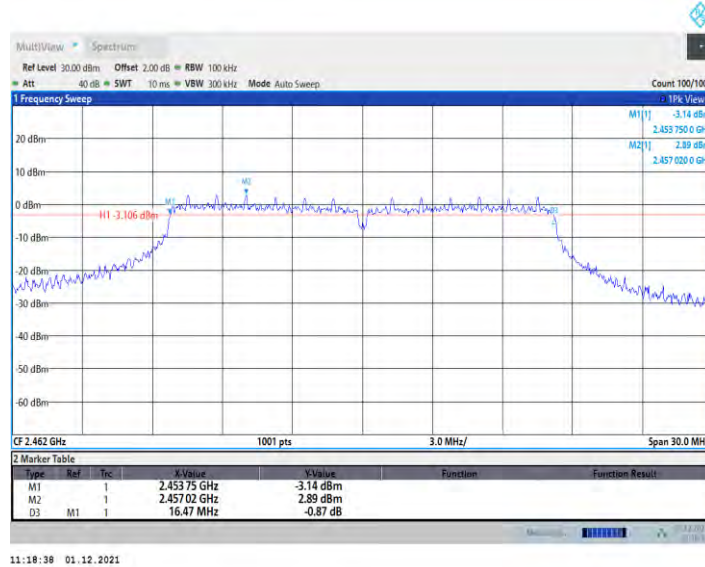
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11G\_Ant1\_2437



11G\_Ant1\_2462

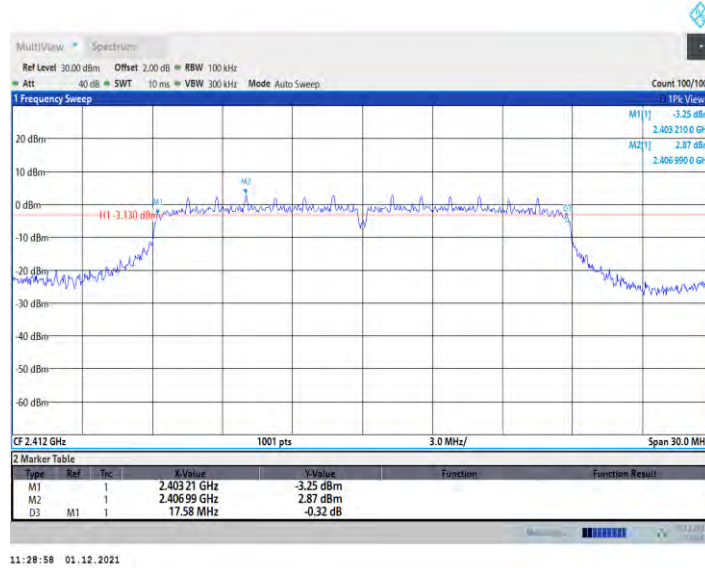


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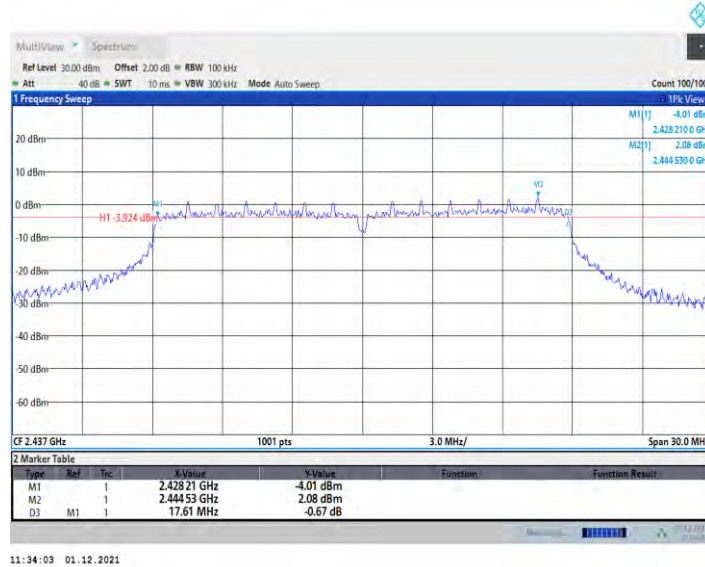
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11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

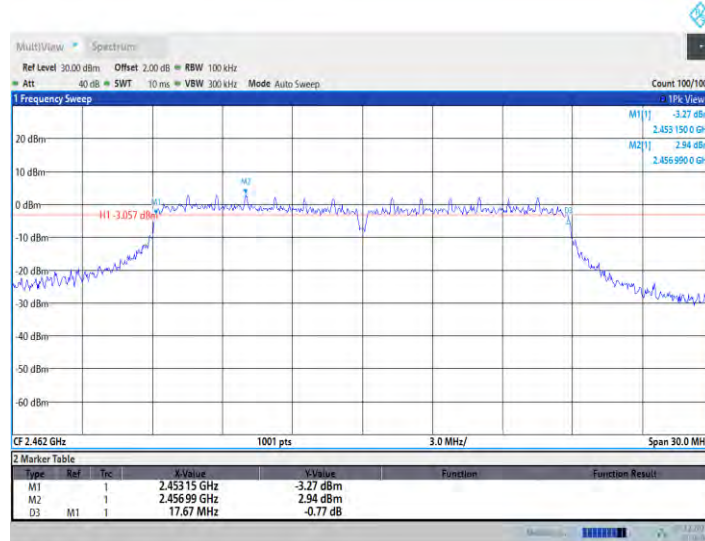


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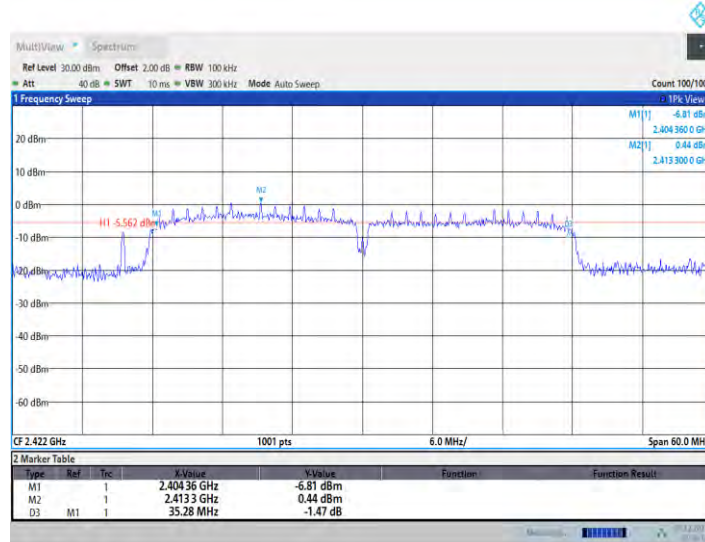
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11N20SISO\_Ant1\_2462



11:36:04 01.12.2021

11N40SISO\_Ant1\_2422



11:38:11 01.12.2021

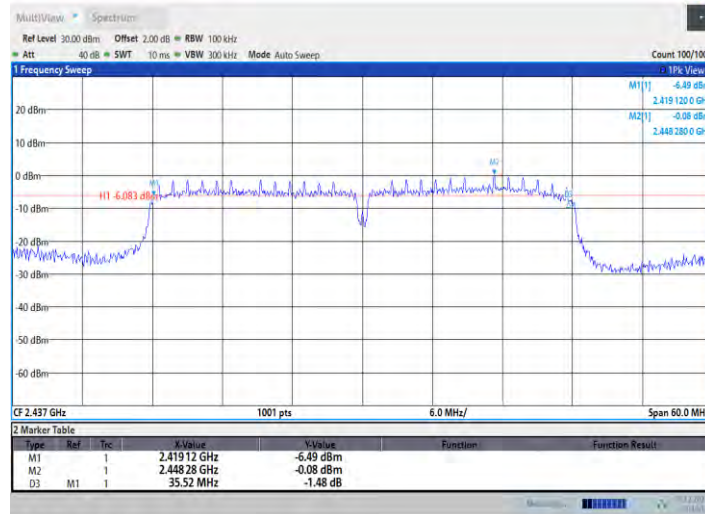


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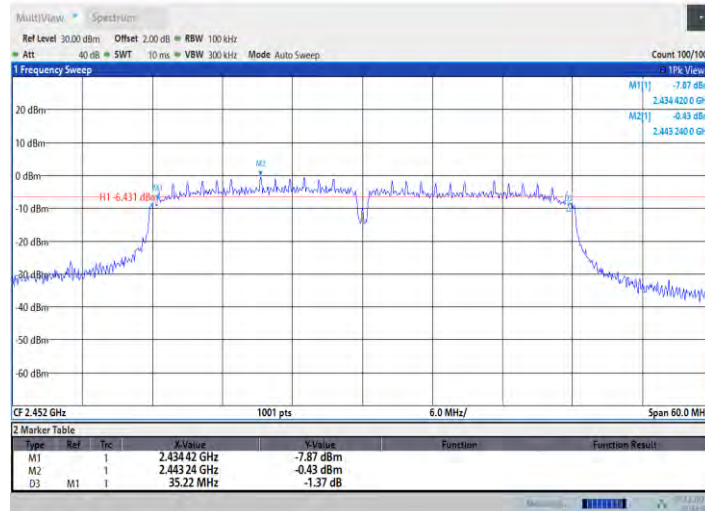
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11N40SISO\_Ant1\_2437



11:40:11 01.12.2021

11N40SISO\_Ant1\_2452



11:42:10 01.12.2021



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## Occupied Channel Bandwidth Test Result

TestMode	Antenna	Channel	OCB [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.969	---	PASS
		2437	13.887	---	PASS
		2462	14.059	---	PASS
11G	Ant1	2412	17.828	---	PASS
		2437	17.756	---	PASS
		2462	17.995	---	PASS
11N20SISO	Ant1	2412	18.428	---	PASS
		2437	18.536	---	PASS
		2462	18.742	---	PASS
11N40SISO	Ant1	2422	44.771	---	PASS
		2437	37.926	---	PASS
		2452	36.786	---	PASS



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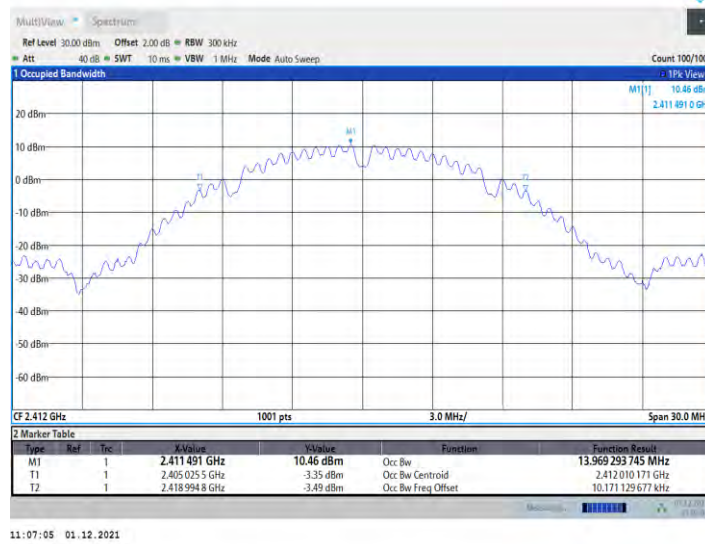
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Test Graphs

11B Ant1 2412



11B Ant1 2437



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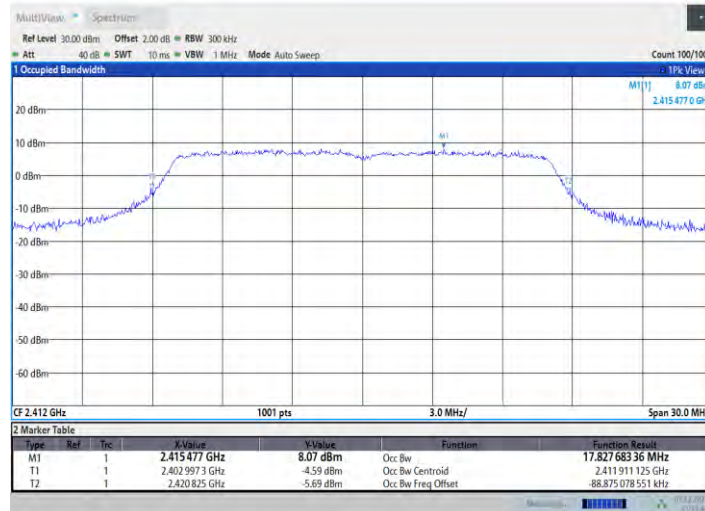


11B\_Ant1\_2462



11:10:55 01.12.2021

11G\_Ant1\_2412



11:12:46 01.12.2021

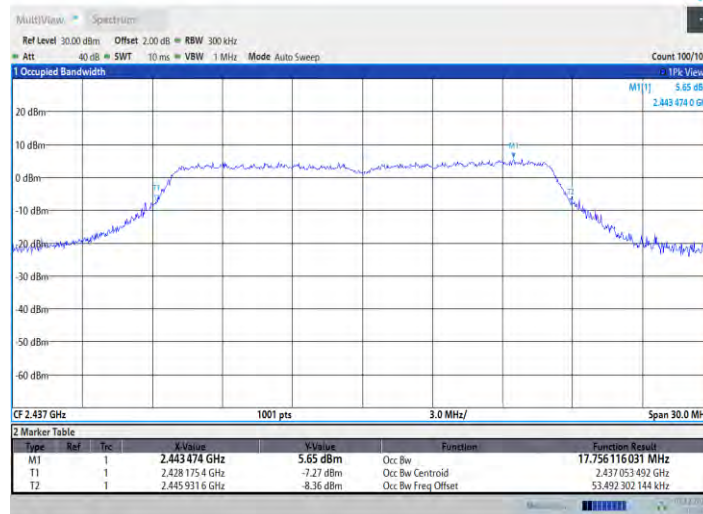


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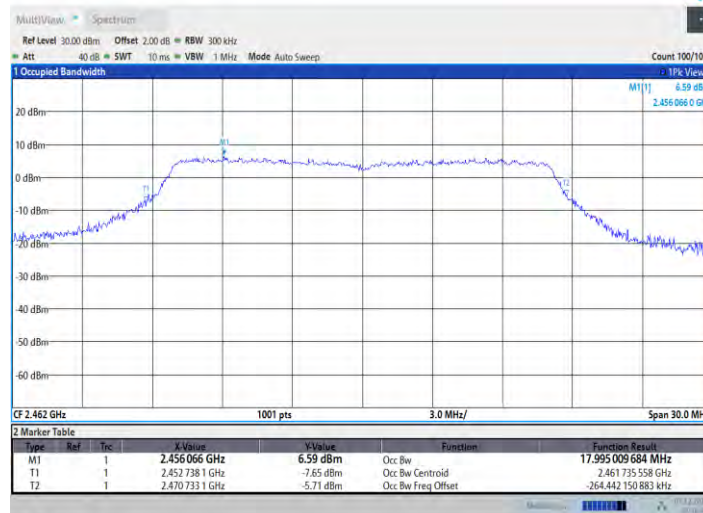
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11G\_Ant1\_2437



11:17:07 01.12.2021

11G\_Ant1\_2462



11:18:50 01.12.2021

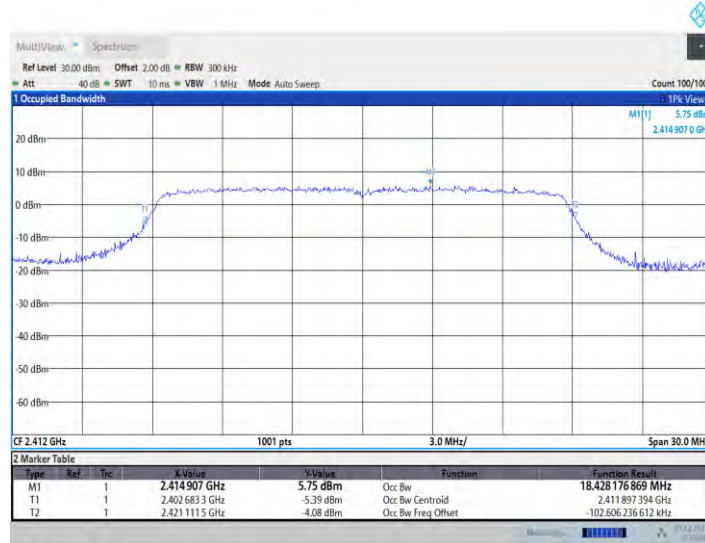


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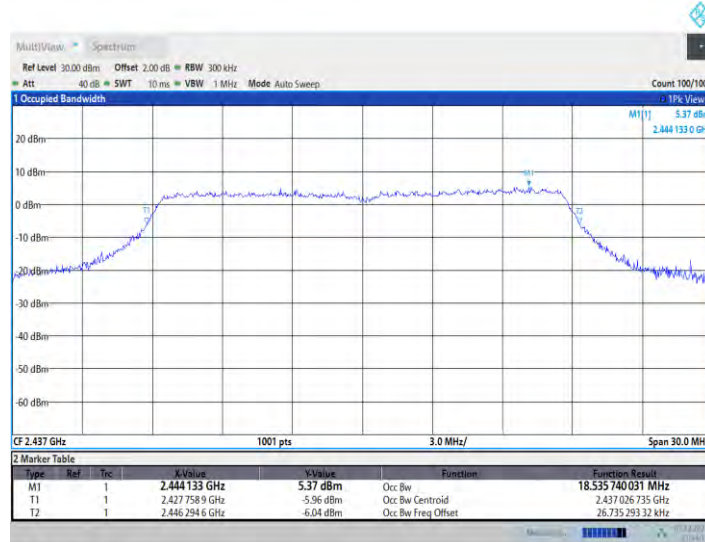
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11N20SISO\_Ant1\_2412



11:29:09 01.12.2021

11N20SISO\_Ant1\_2437



11:34:14 01.12.2021

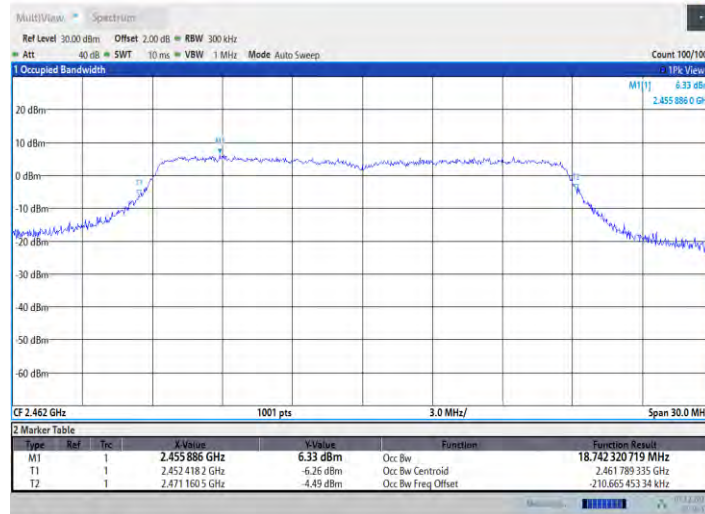


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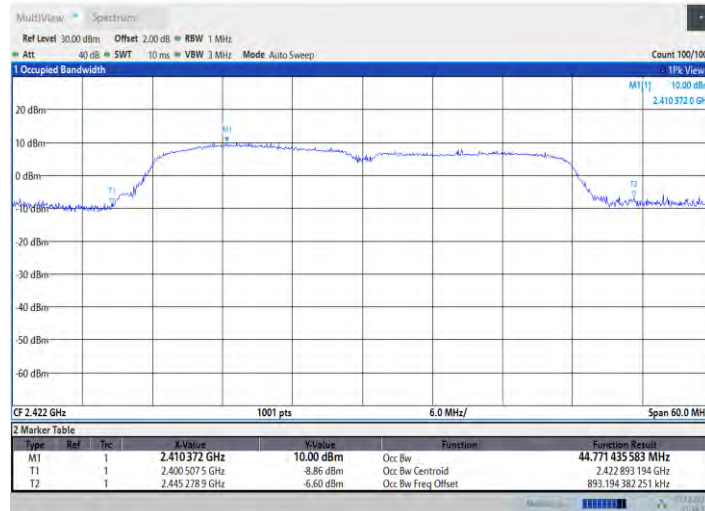
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11N20SISO\_Ant1\_2462



11:36:16 01.12.2021

11N40SISO\_Ant1\_2422



11:38:22 01.12.2021



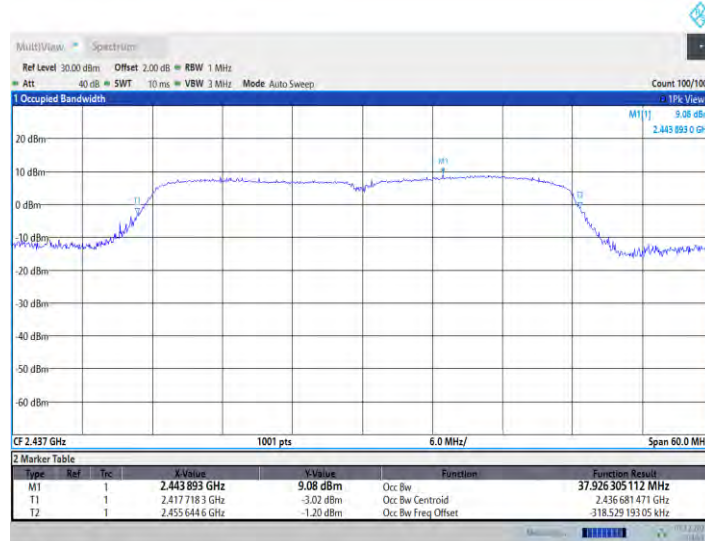
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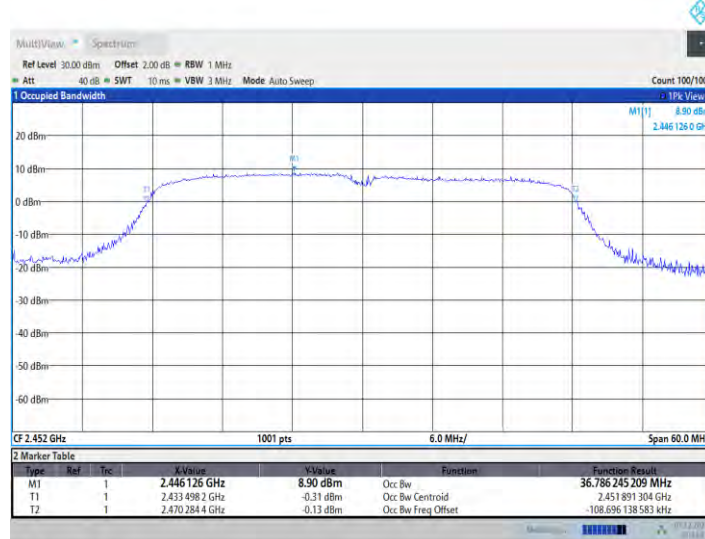
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11N40SISO\_Ant1\_2437



11:40:22 01.12.2021

11N40SISO\_Ant1\_2452



11:42:21 01.12.2021



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**Maximum conducted output power  
Test Result Peak**

TestMode	Antenna	Channel	Peak Power[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	21.05	24.06	<=30	PASS
		2437	20.27	23.28	<=30	PASS
		2462	21.23	24.24	<=30	PASS
11G	Ant1	2412	24.54	27.55	<=30	PASS
		2437	21.76	24.77	<=30	PASS
		2462	22.81	25.82	<=30	PASS
11N20SISO	Ant1	2412	22.83	25.84	<=30	PASS
		2437	21.70	24.71	<=30	PASS
		2462	22.81	25.82	<=30	PASS
11N40SISO	Ant1	2422	22.07	25.08	<=30	PASS
		2437	22.03	25.04	<=30	PASS
		2452	21.80	24.81	<=30	PASS

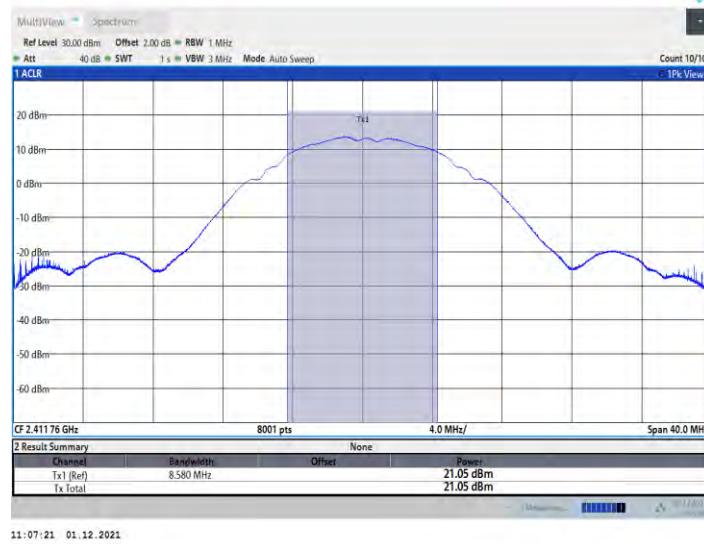


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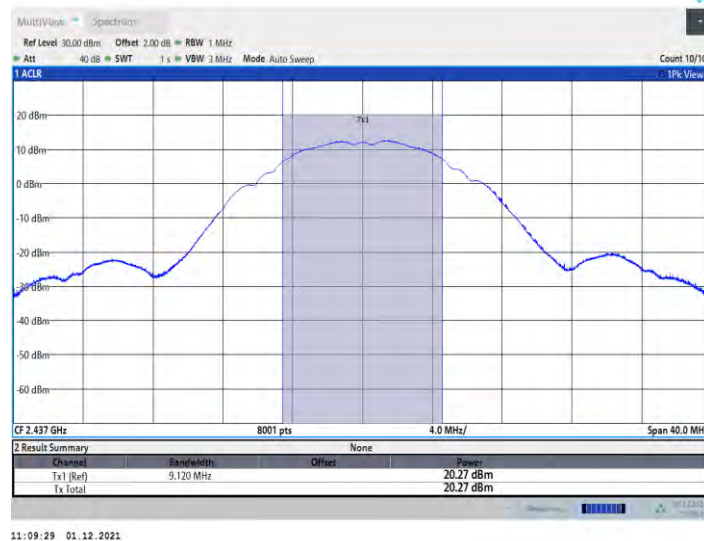
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Test Graphs

11B Ant1 2412



11B Ant1 2437

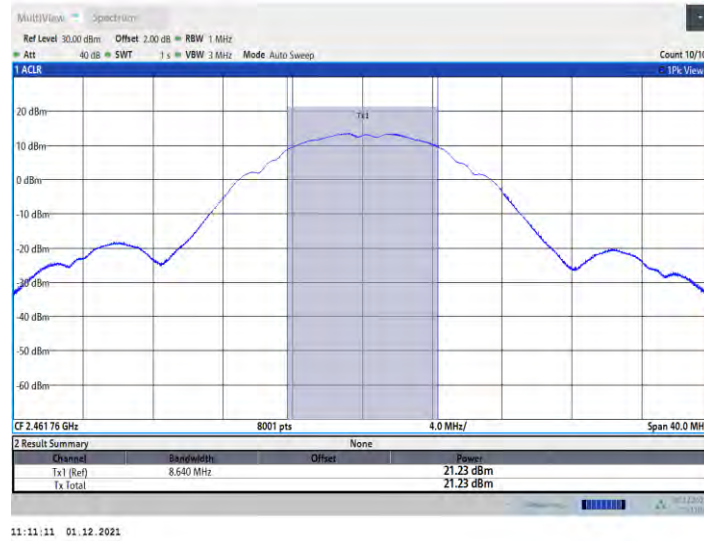


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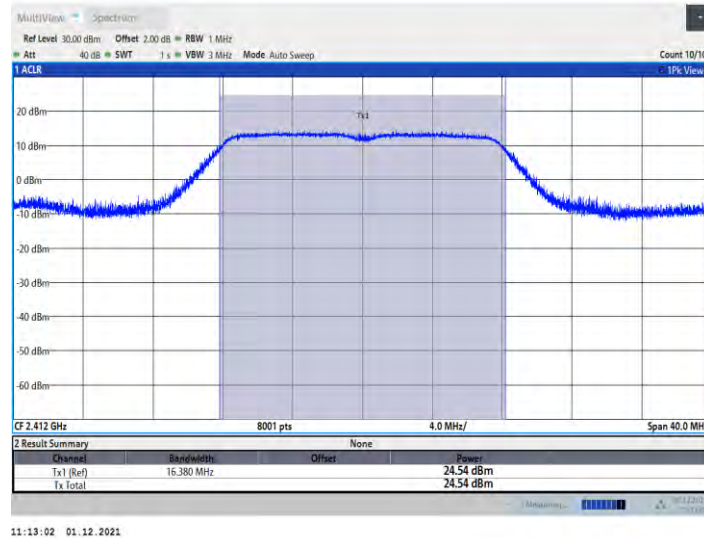
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11B\_Ant1\_2462



11G\_Ant1\_2412



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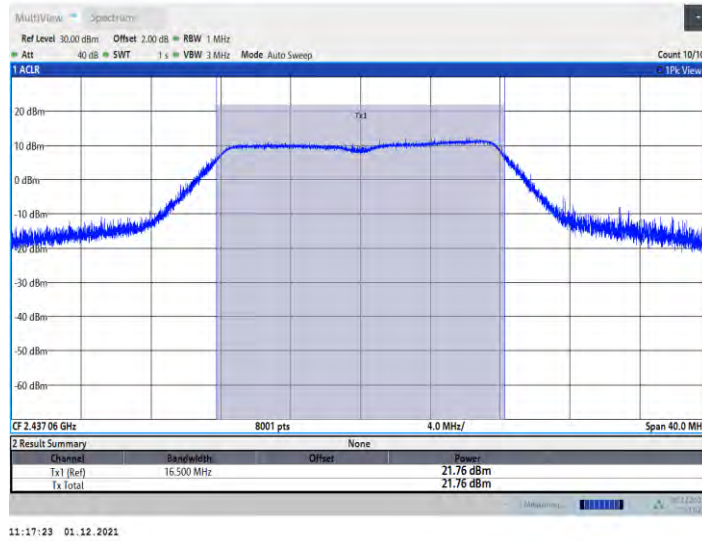
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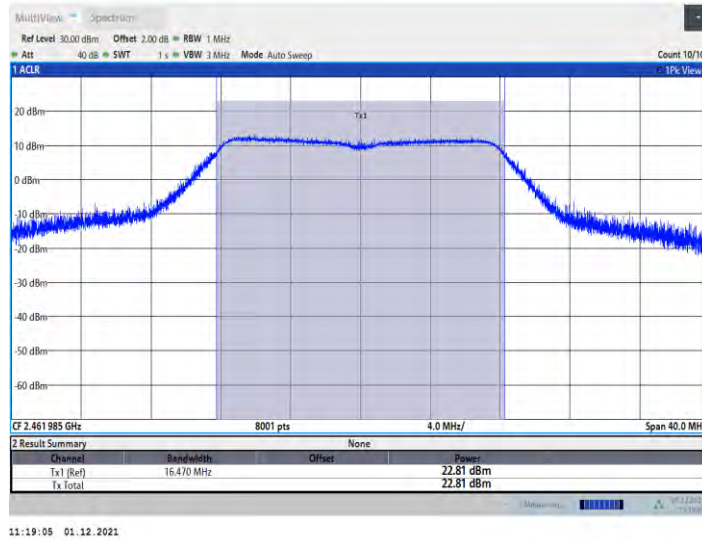
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11G\_Ant1\_2437



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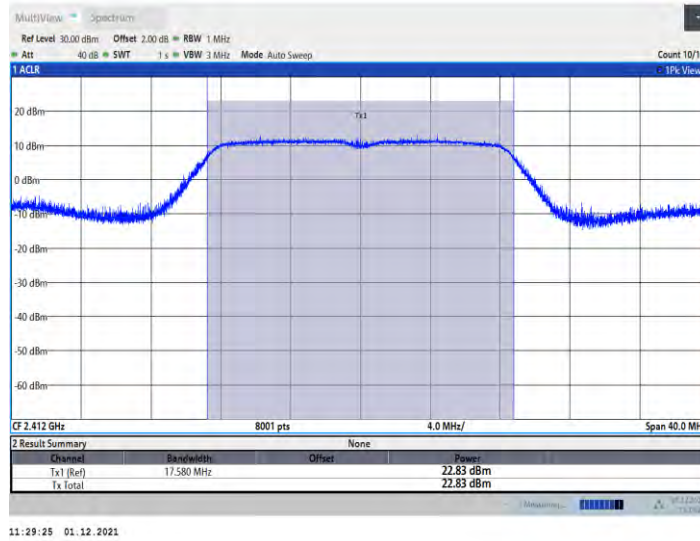


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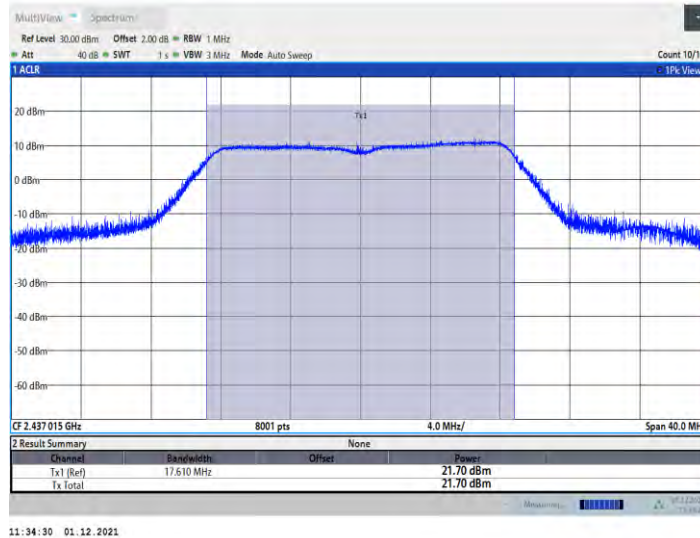
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11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



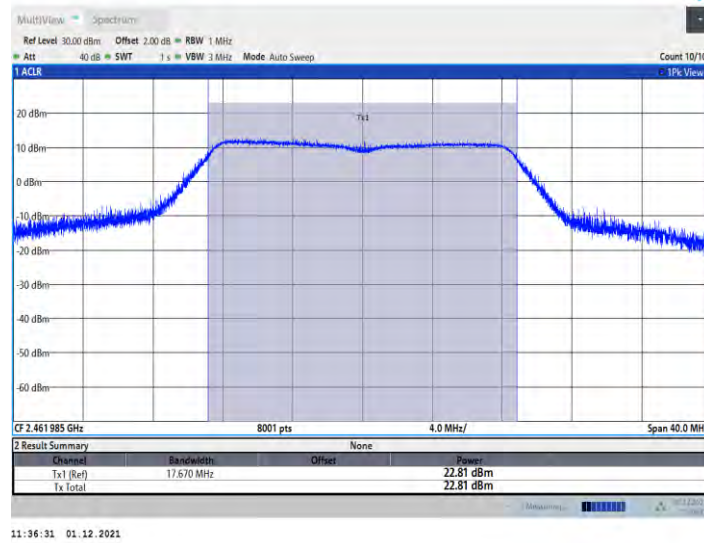
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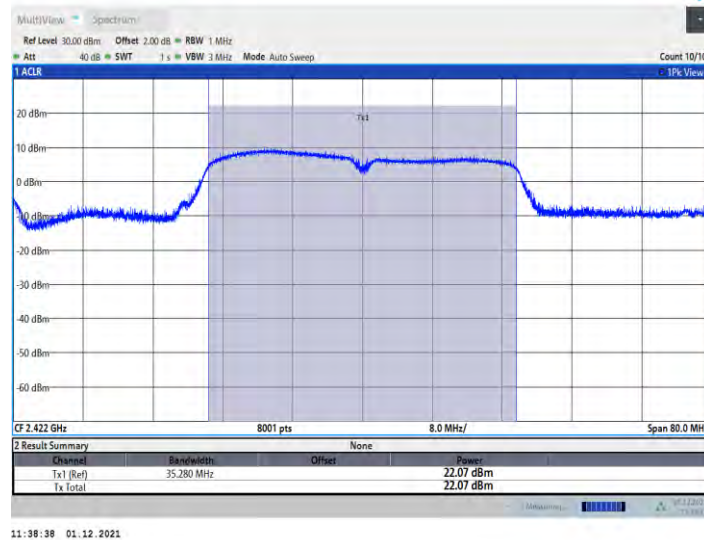
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11N40SISO\_Ant1\_2422



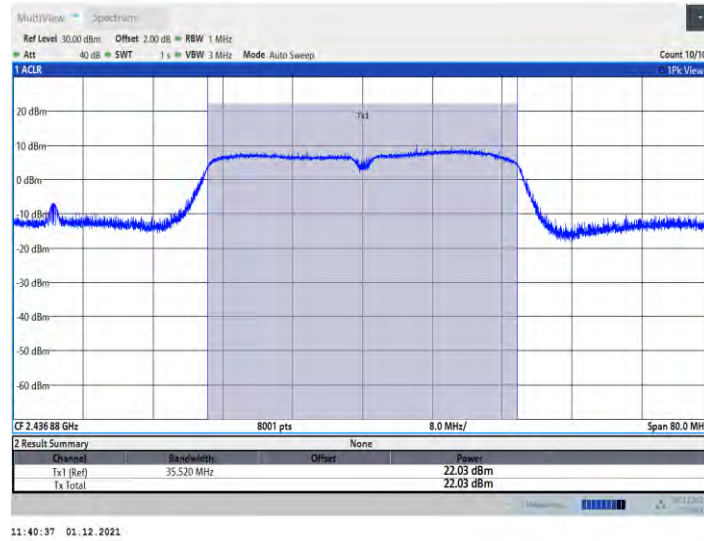
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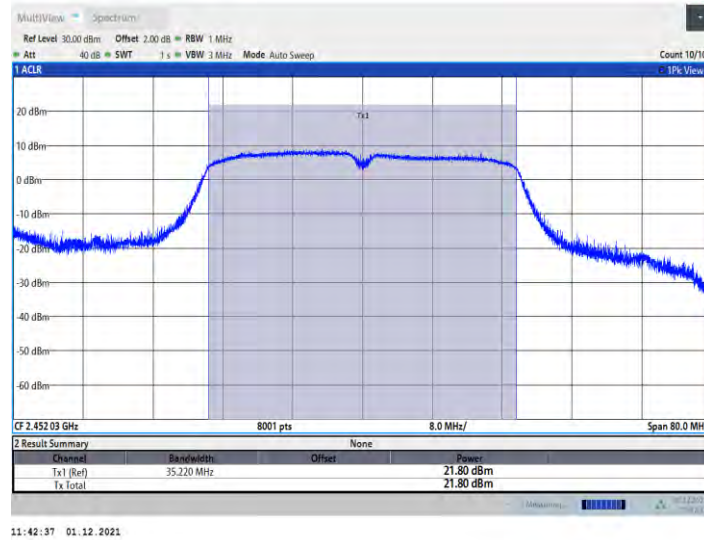
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**Maximum power spectral density  
Test Result**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.21	<=8	PASS
		2437	-4.58	<=8	PASS
		2462	-2.87	<=8	PASS
11G	Ant1	2412	-7.88	<=8	PASS
		2437	-10.46	<=8	PASS
		2462	-9.89	<=8	PASS
11N20SISO	Ant1	2412	-9.89	<=8	PASS
		2462	-10.16	<=8	PASS
11N40SISO	Ant1	2422	-13.75	<=8	PASS
		2437	-13.36	<=8	PASS
		2452	-14.78	<=8	PASS

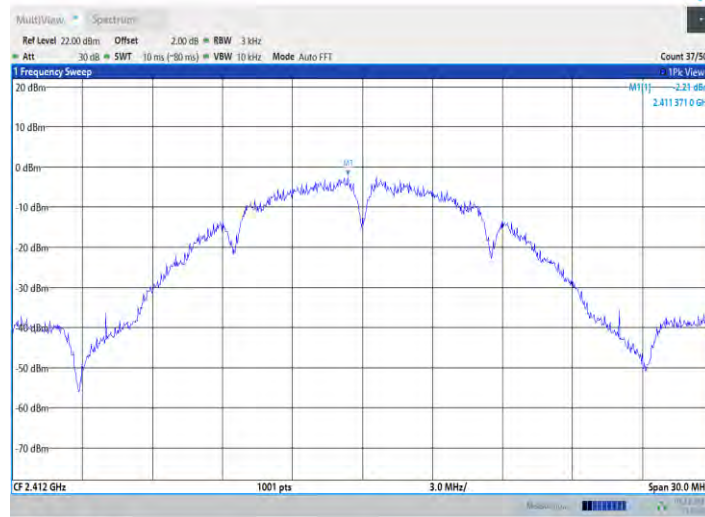


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Test Graphs

11B Ant1 2412

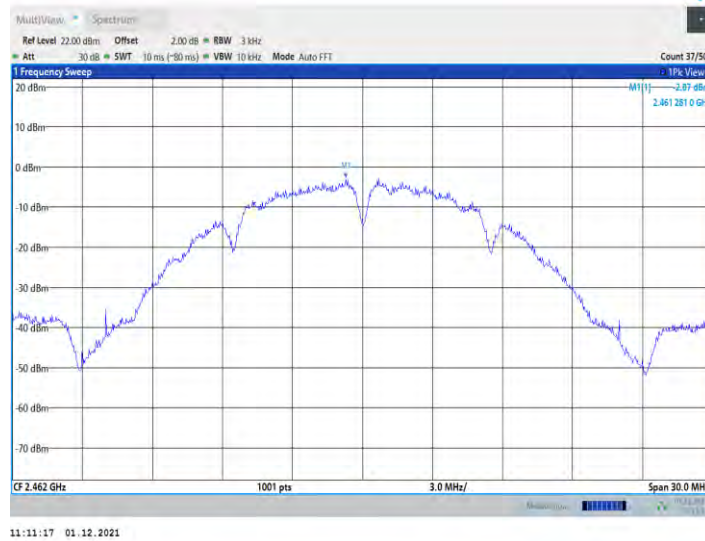


11B Ant1 2437

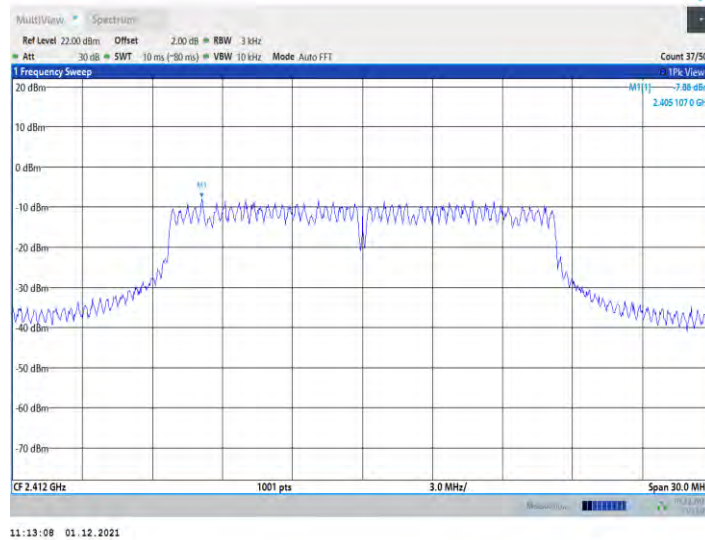


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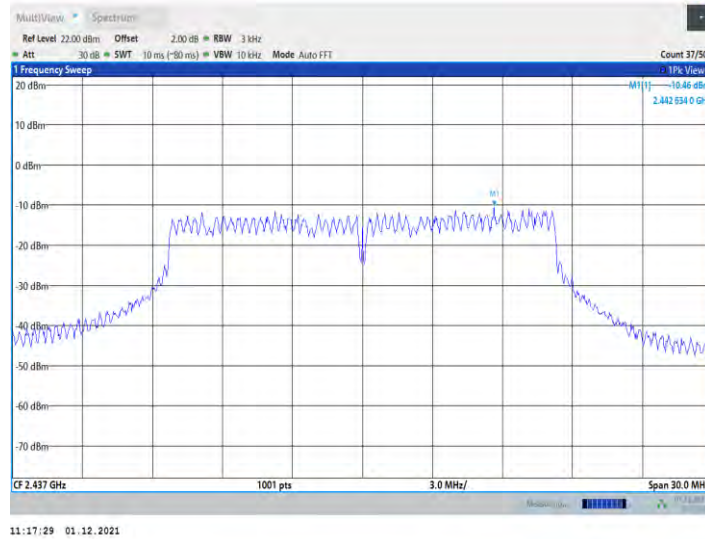


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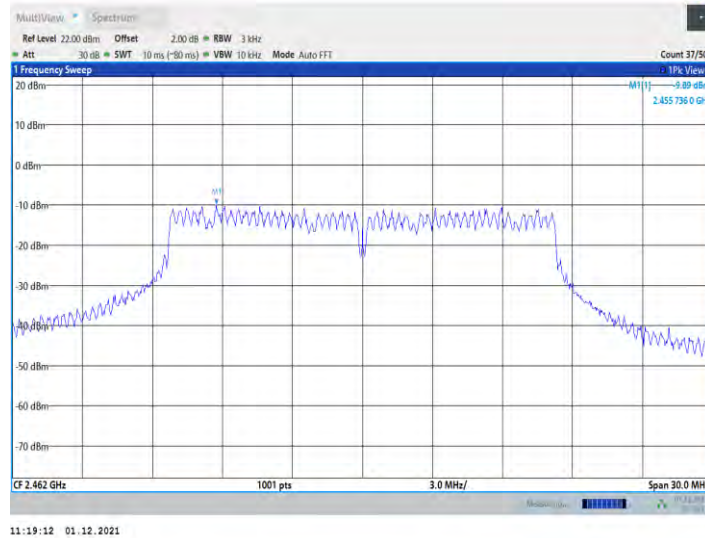
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11:17:29 01.12.2021

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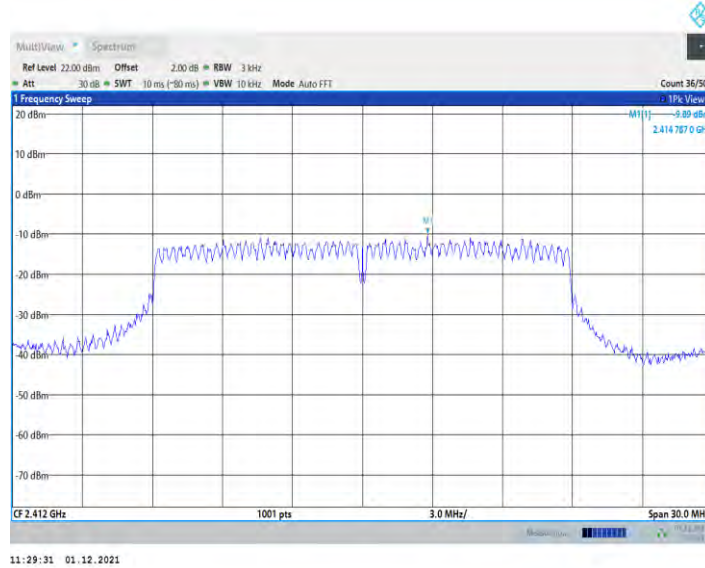
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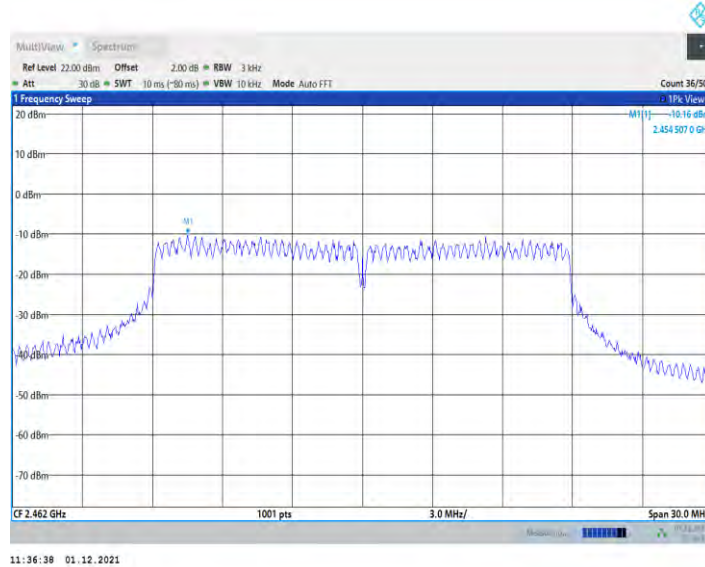
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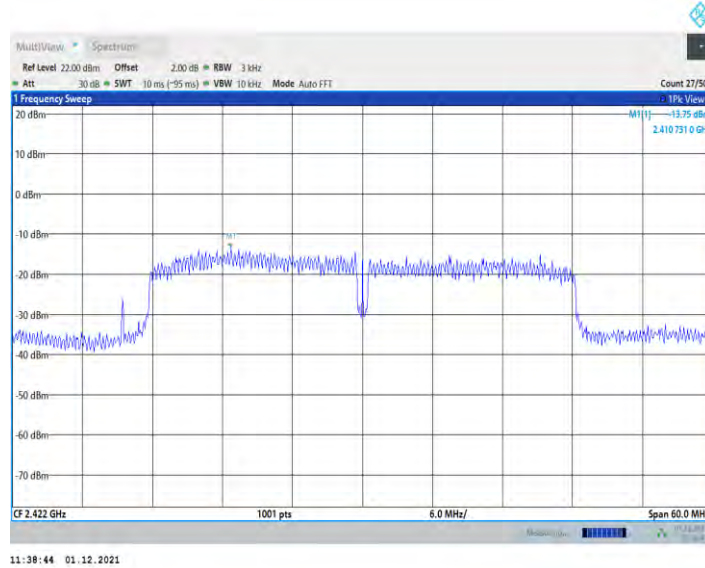
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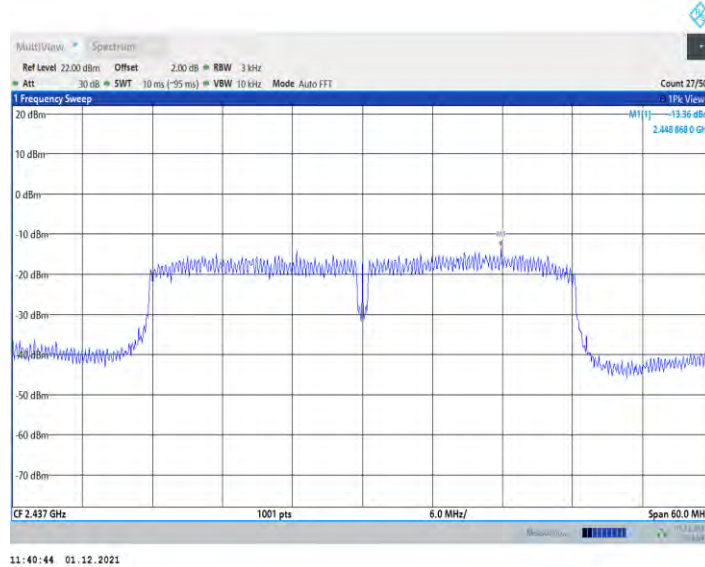
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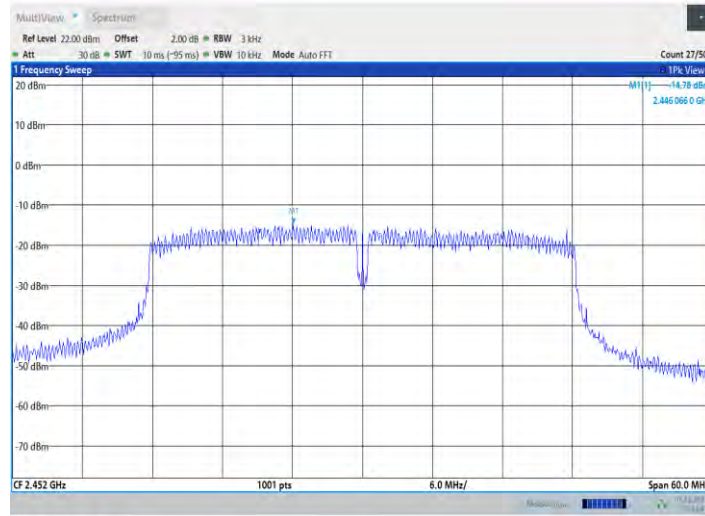
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**Band edge measurements**  
**Test Result**

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.84	-24.5	<=-10.16	PASS
		High	2462	9.84	-46.82	<=-10.16	PASS
11G	Ant1	Low	2412	2.10	-30.21	≤-17.9	PASS
		High	2462	2.97	-36.83	<=-17.03	PASS
11N20SISO	Ant1	Low	2412	1.91	-30.65	≤-18.09	PASS
		High	2462	2.57	-33.17	<=-17.43	PASS
11N40SISO	Ant1	Low	2422	-0.63	-29.18	≤-20.63	PASS
		High	2452	-0.58	-36.15	<=-20.58	PASS



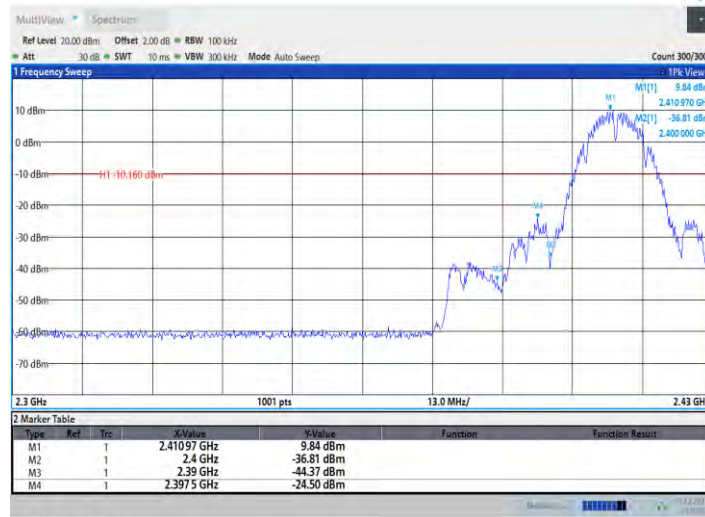
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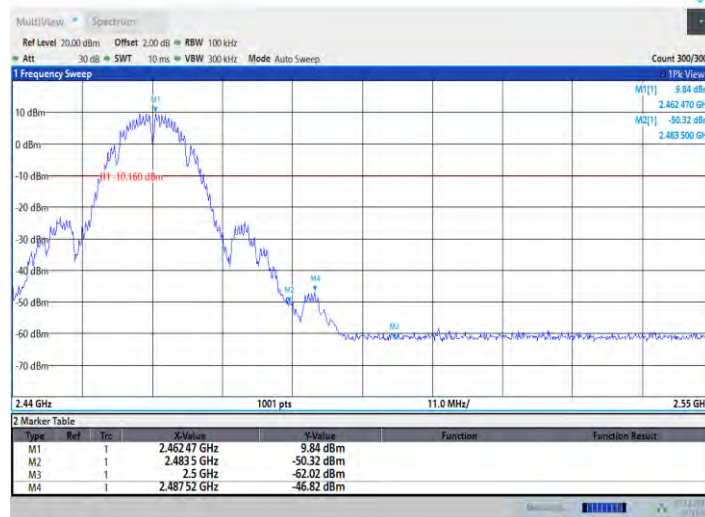
Test Graphs

11B Ant1 Low 2412



11:07:36 01.12.2021

11B Ant1 High 2462



11:11:26 01.12.2021



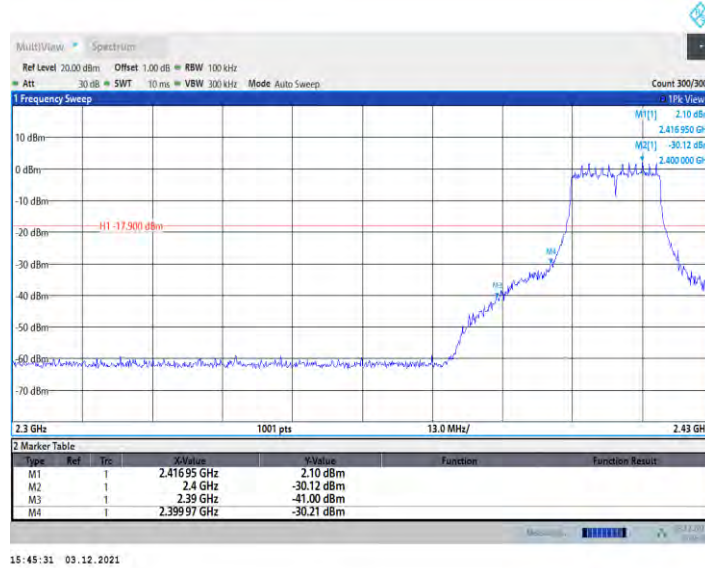
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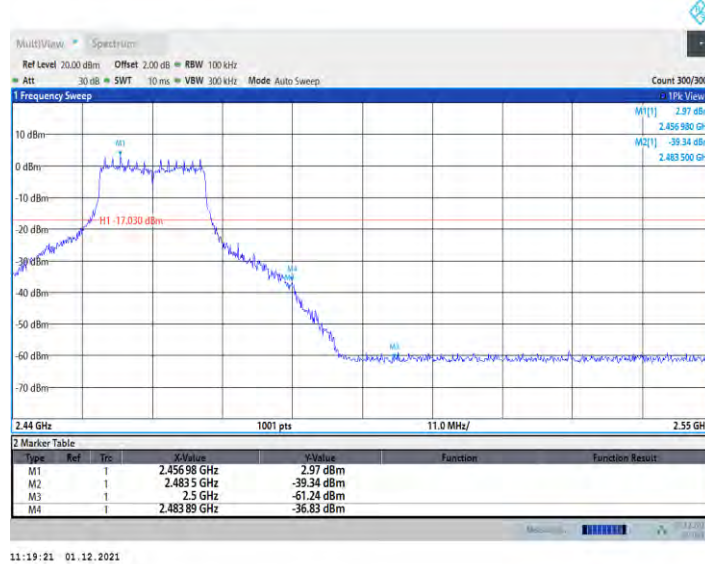
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11G\_Ant1\_Low\_2412



11G\_Ant1\_High\_2462

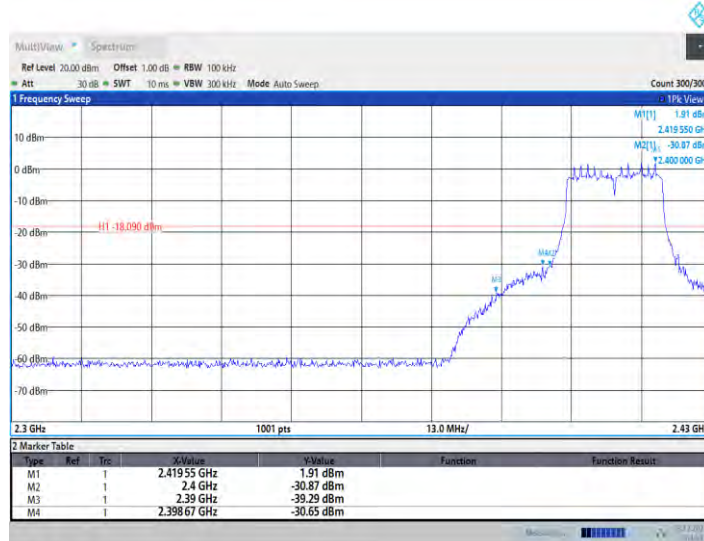


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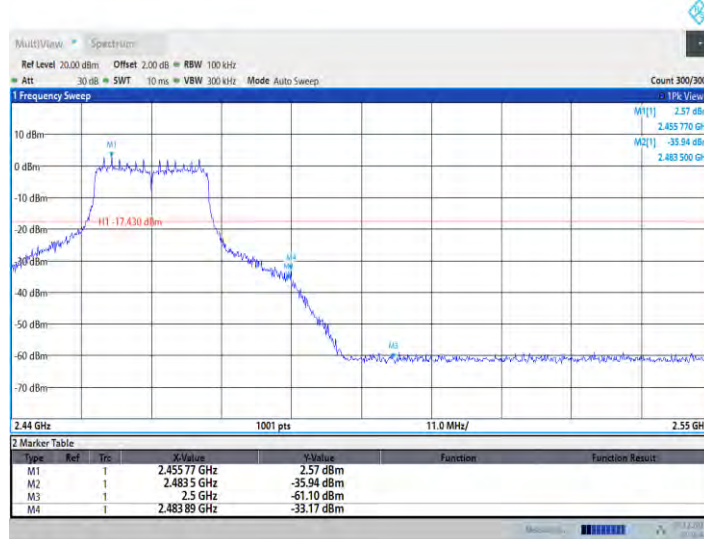
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11N20SISO\_Ant1\_Low\_2412



15:46:32 03.12.2021

11N20SISO\_Ant1\_High\_2462



11:36:47 01.12.2021



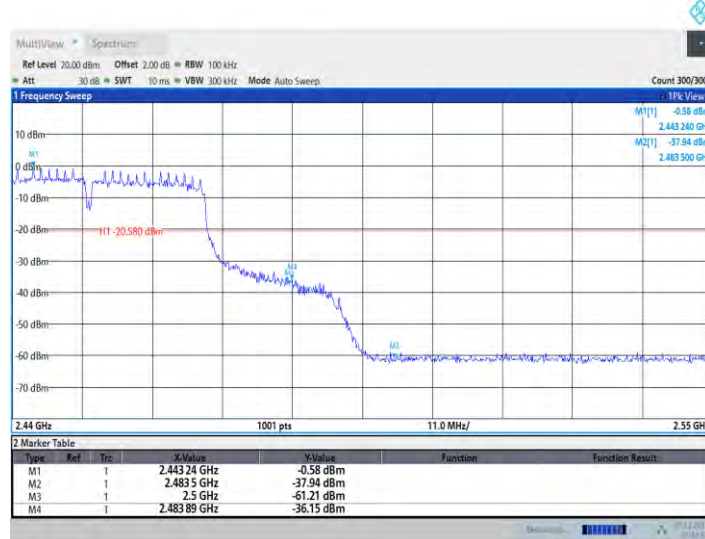
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11N40SISO\_Ant1\_Low\_2422



15:48:06 03.12.2021

11N40SISO\_Ant1\_High\_2452



11:42:52 01.12.2021



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**Conducted Spurious Emission  
 Test Result**

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.11	10.11	---	PASS
			30~1000	10.11	-61.54	<=-9.89	PASS
			1000~26500	10.11	-37.41	<=-9.89	PASS
		2437	Reference	9.00	9.00	---	PASS
			30~1000	9.00	-62.17	<=-11	PASS
			1000~26500	9.00	-38.62	<=-11	PASS
		2462	Reference	9.87	9.87	---	PASS
			30~1000	9.87	-47.41	<=-10.13	PASS
			1000~26500	9.87	-35.57	<=-10.13	PASS
11G	Ant1	2412	Reference	5.13	5.13	---	PASS
			30~1000	5.13	-41.13	<=-14.87	PASS
			1000~26500	5.13	-51.91	<=-14.87	PASS
		2437	Reference	2.16	2.16	---	PASS
			30~1000	2.16	-63.09	<=-17.84	PASS
			1000~26500	2.16	-56	<=-17.84	PASS
		2462	Reference	1.68	1.68	---	PASS
			30~1000	1.68	-61.64	≤-18.32	PASS
			1000~26500	1.68	-57.28	≤-18.32	PASS
11N20SISO	Ant1	2412	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-35.15	<=-17.2	PASS
			1000~26500	2.80	-52.88	<=-17.2	PASS
		2437	Reference	2.12	2.12	---	PASS
			30~1000	2.12	-62.58	<=-17.88	PASS
			1000~26500	2.12	-55.46	<=-17.88	PASS
		2462	Reference	1.74	1.74	---	PASS
			30~1000	1.74	-61.8	≤-18.26	PASS
			1000~26500	1.74	-53.89	≤-18.26	PASS
11N40SISO	Ant1	2422	Reference	0.29	0.29	---	PASS



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Report No.: SUZR/2021/9002505

Rev.: 01

Page: 66 of 133

			30~1000	0.29	-61.95	<=-19.71	PASS
			1000~26500	0.29	-55.69	<=-19.71	PASS
		2437	Reference	-0.30	-0.30	---	PASS
			30~1000	-0.30	-62.67	<=-20.3	PASS
			1000~26500	-0.30	-56.15	<=-20.3	PASS
		2452	Reference	-0.36	-0.36	---	PASS
			30~1000	-0.36	-57.5	<=-20.36	PASS
			1000~26500	-0.36	-53.66	<=-20.36	PASS



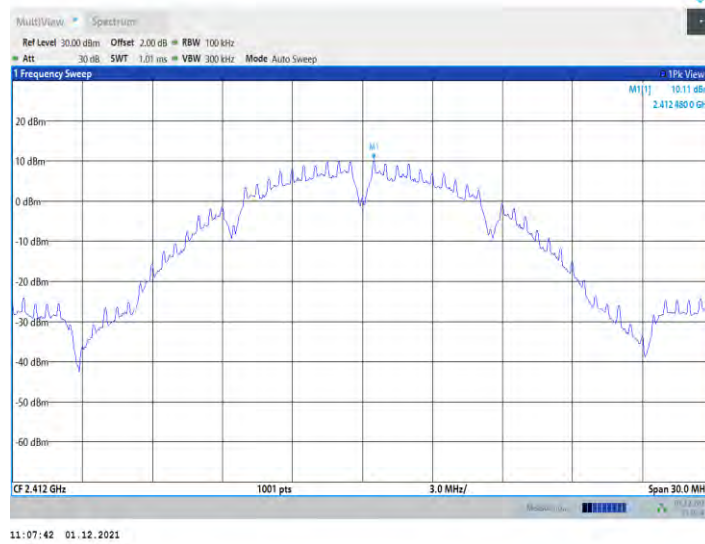
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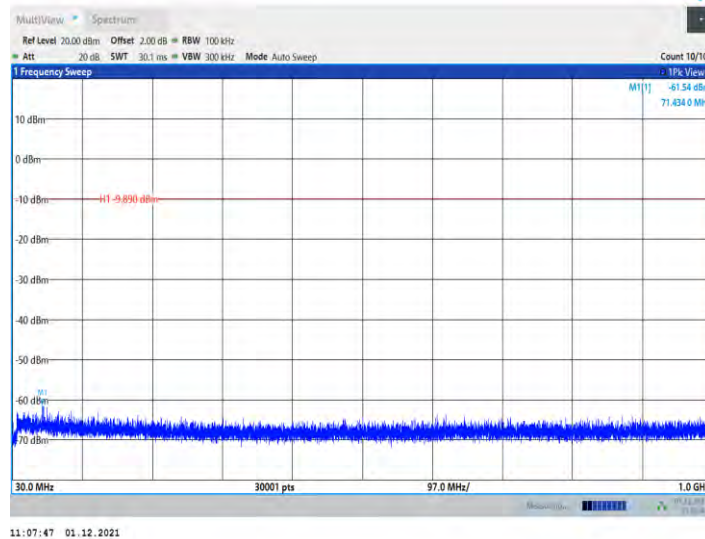
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Test Graphs

11B Ant1 2412 0~Reference



11B Ant1 2412 30~1000

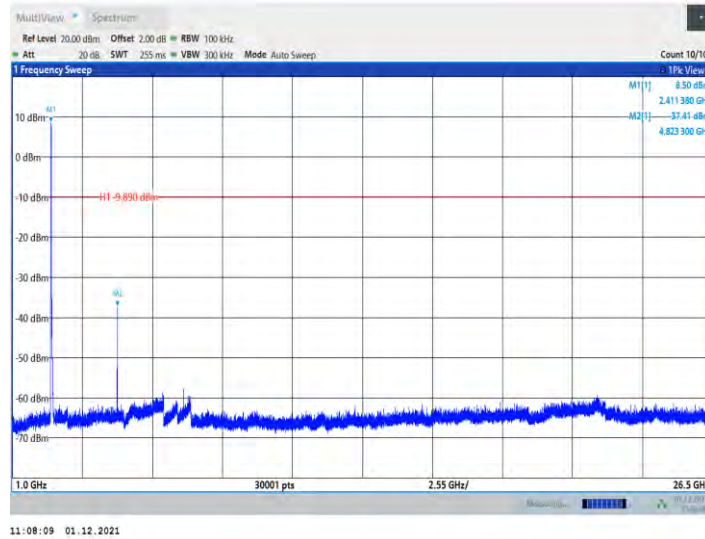


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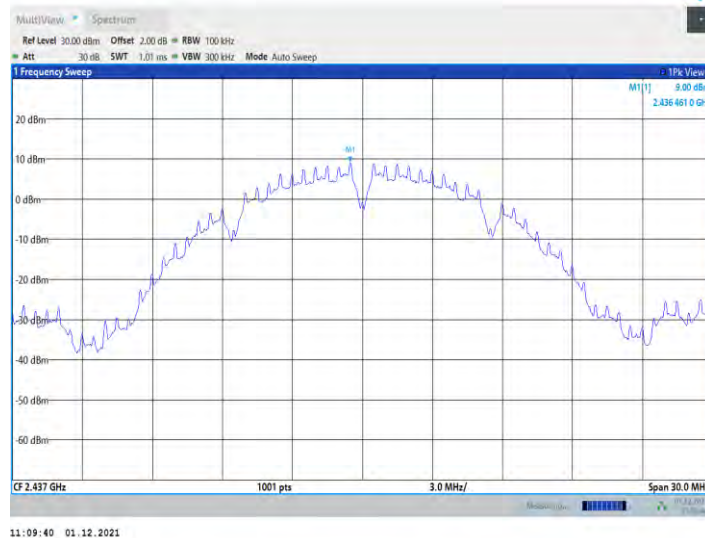
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11B\_Ant1\_2412\_1000~26500

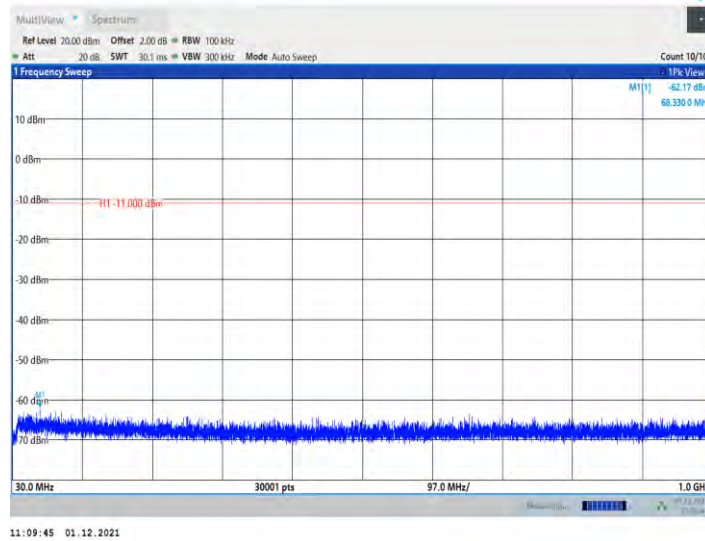


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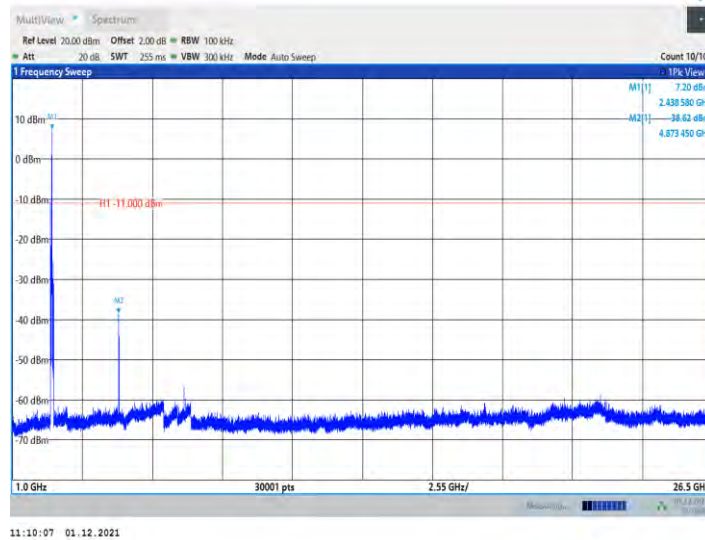


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11B\_Ant1\_2437\_30~1000



11B\_Ant1\_2437\_1000~26500



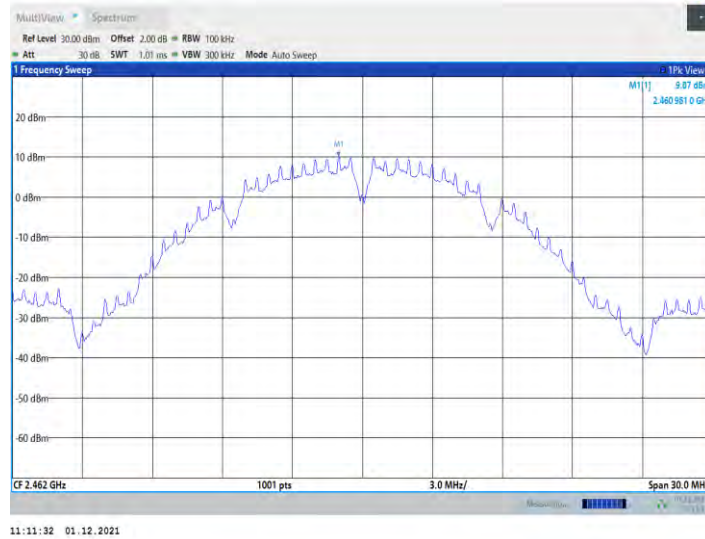
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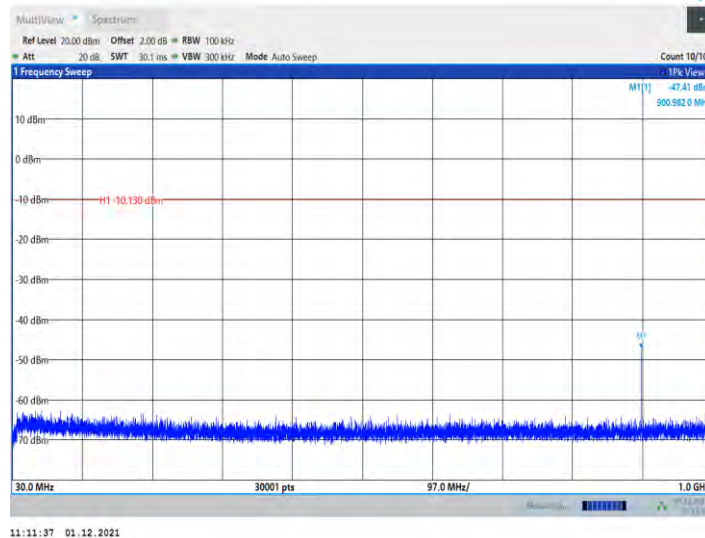
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### 11B\_Ant1\_2462\_0~Reference



### 11B\_Ant1\_2462\_30~1000

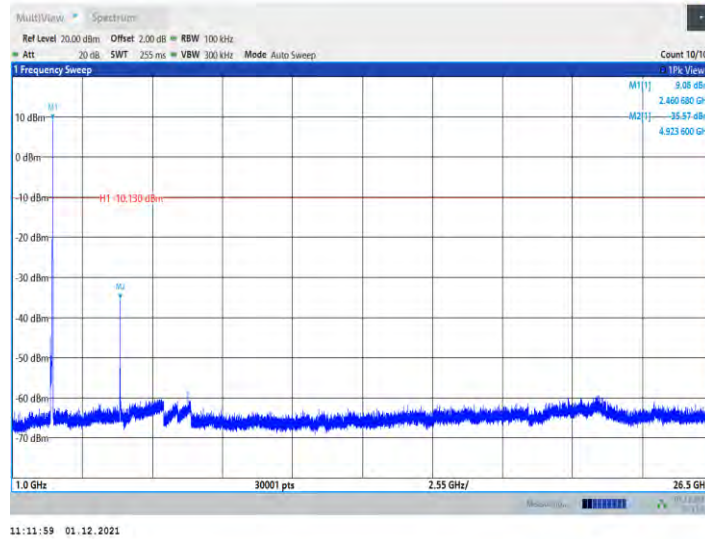


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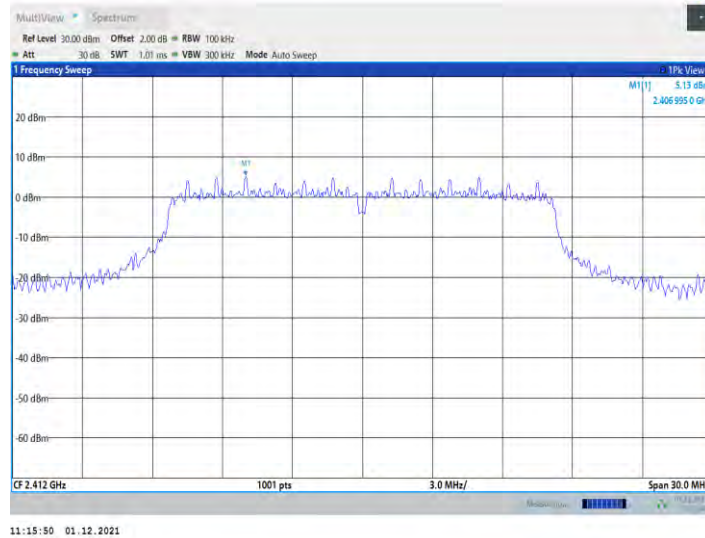
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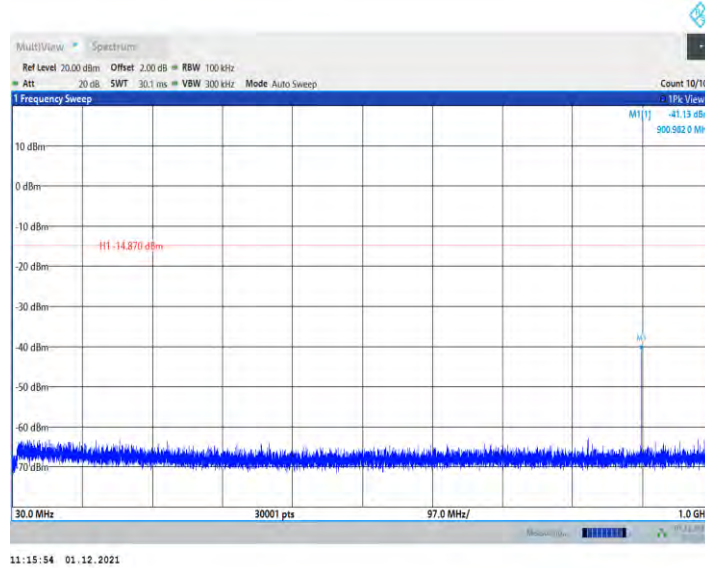


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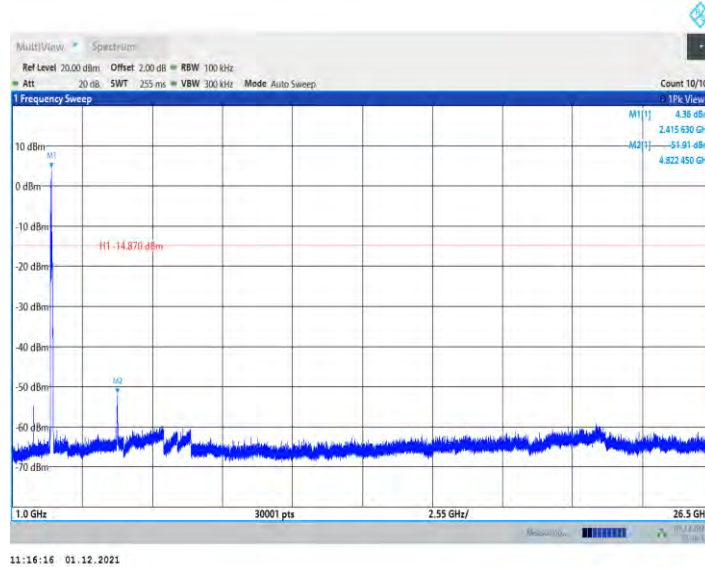
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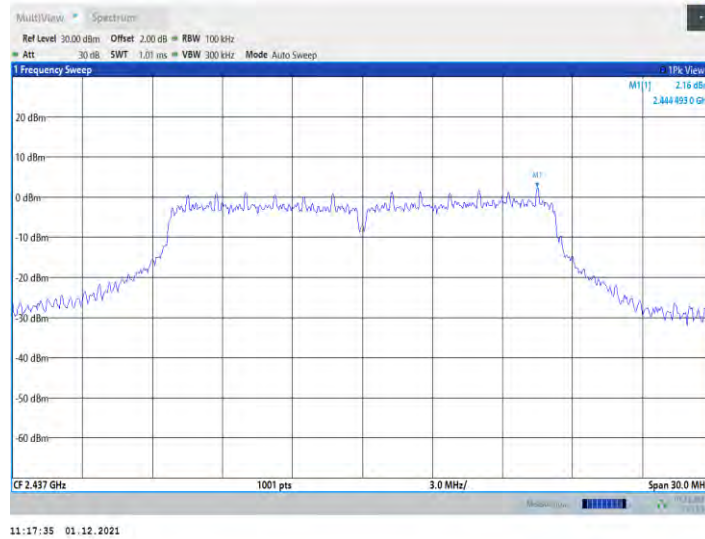
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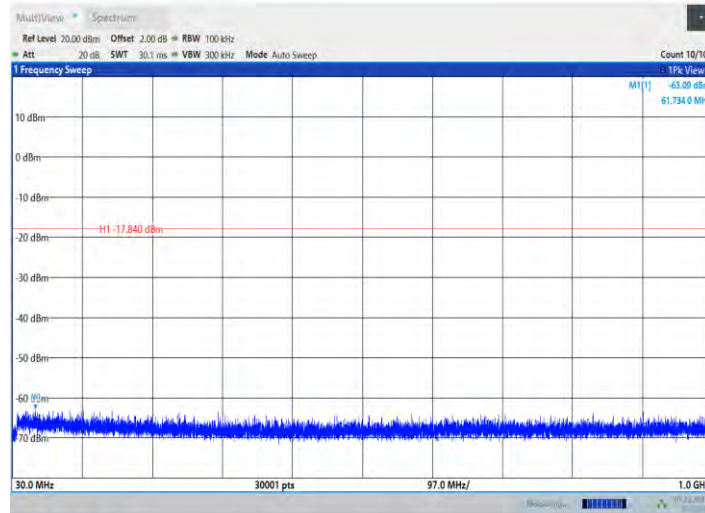


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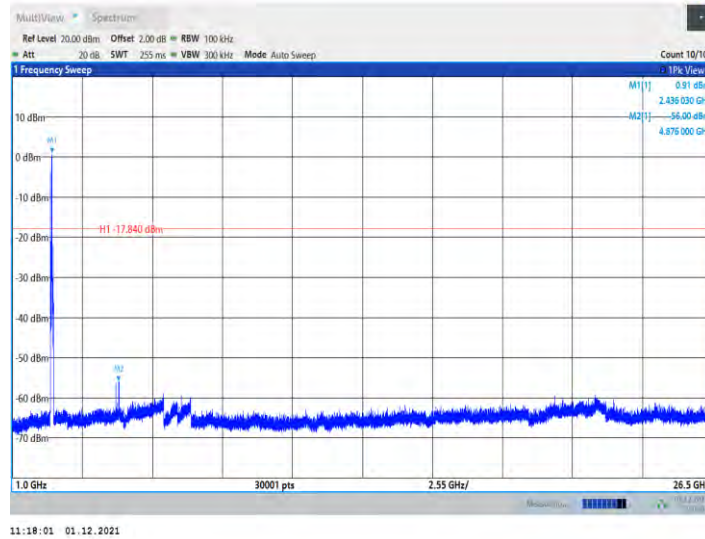


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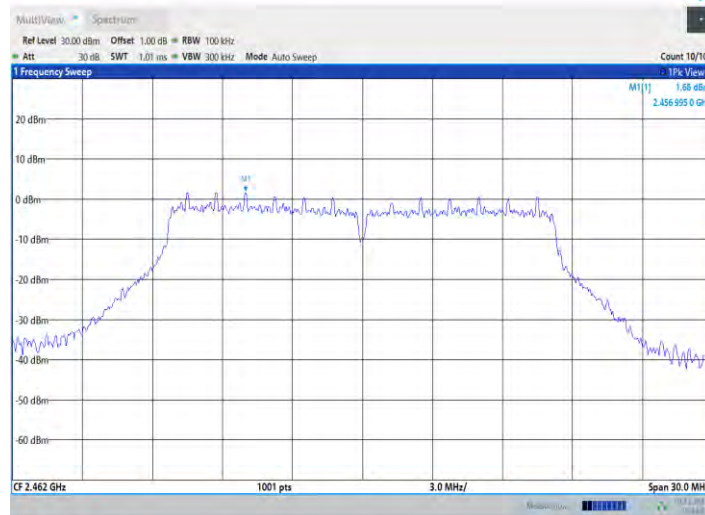
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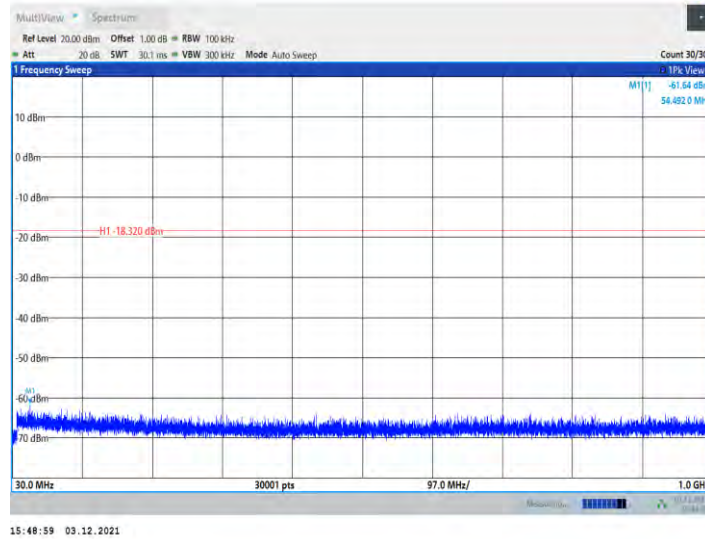


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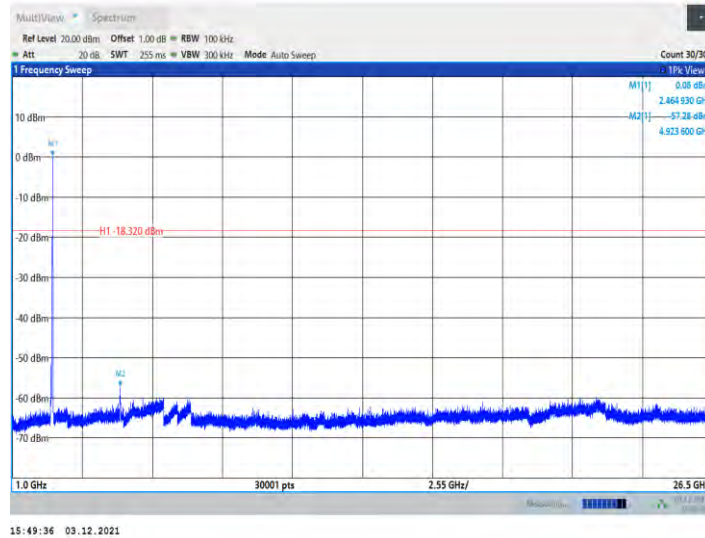
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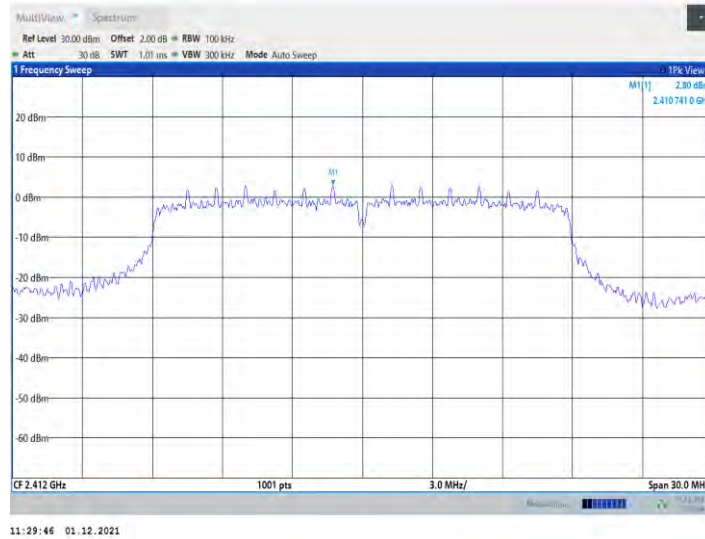


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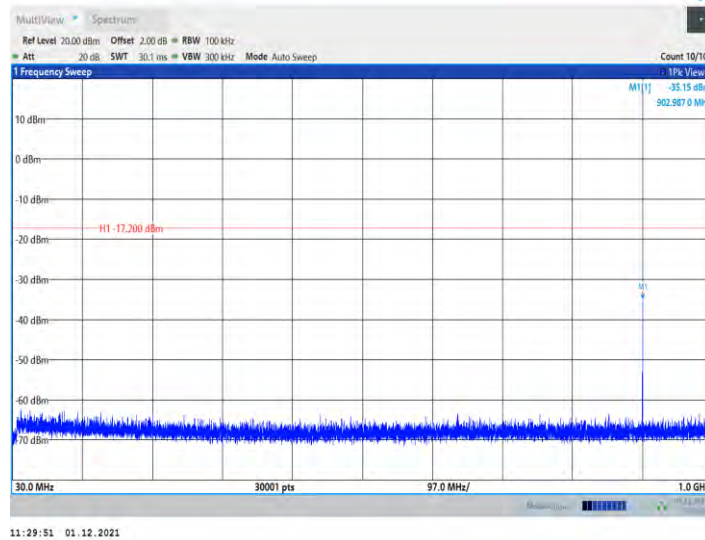
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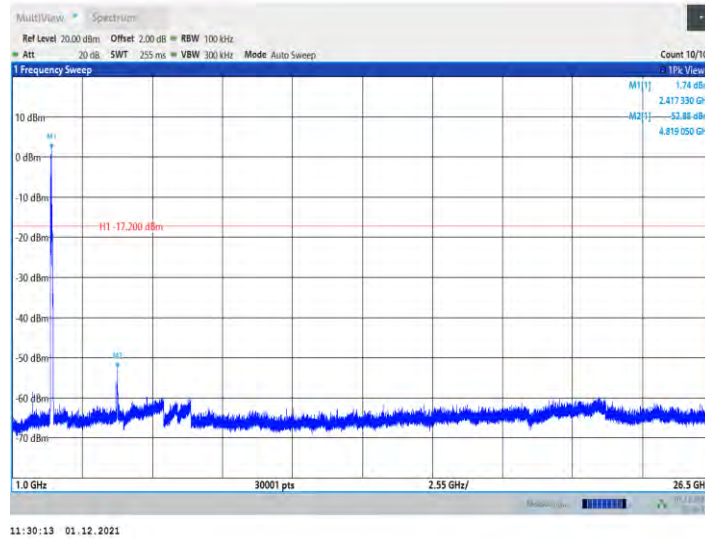


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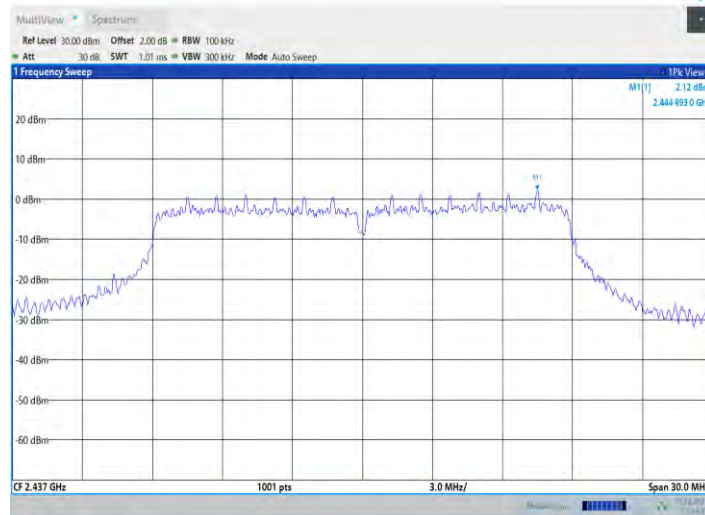
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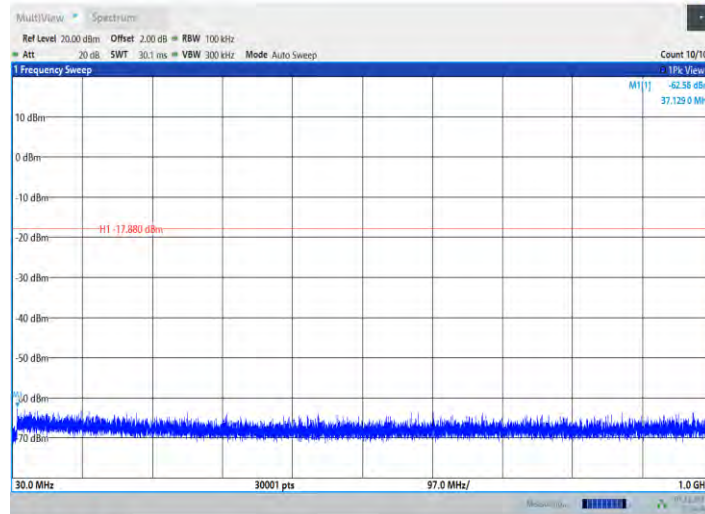


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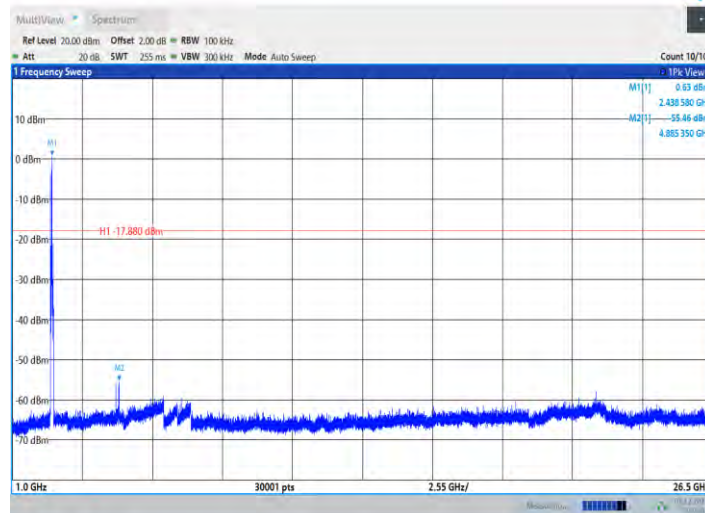
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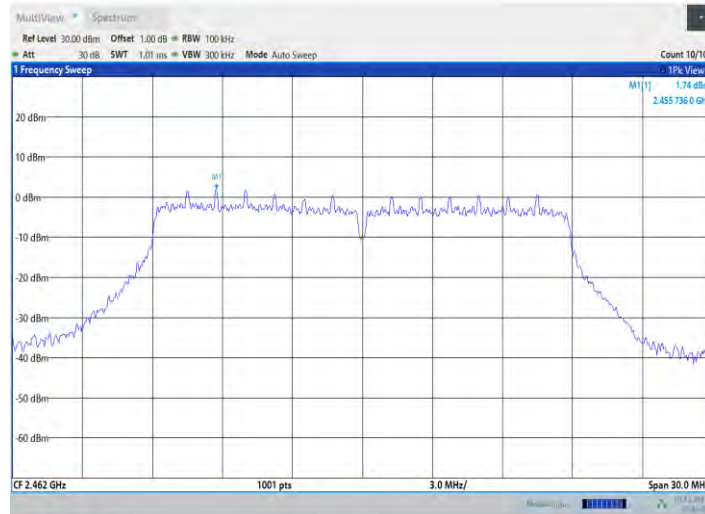


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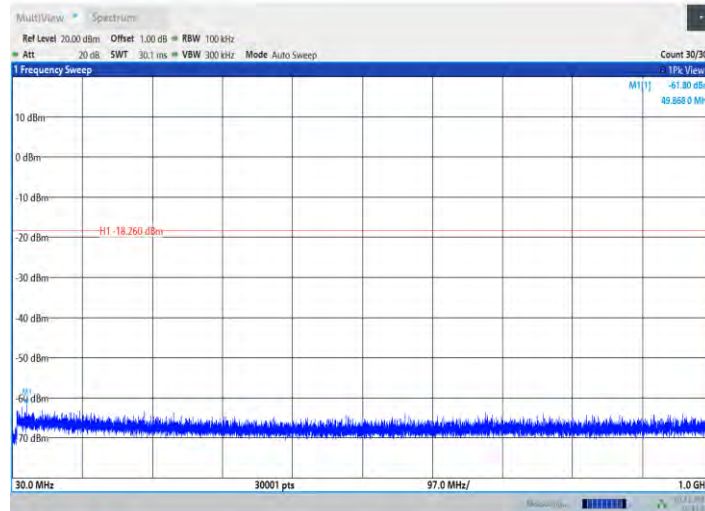
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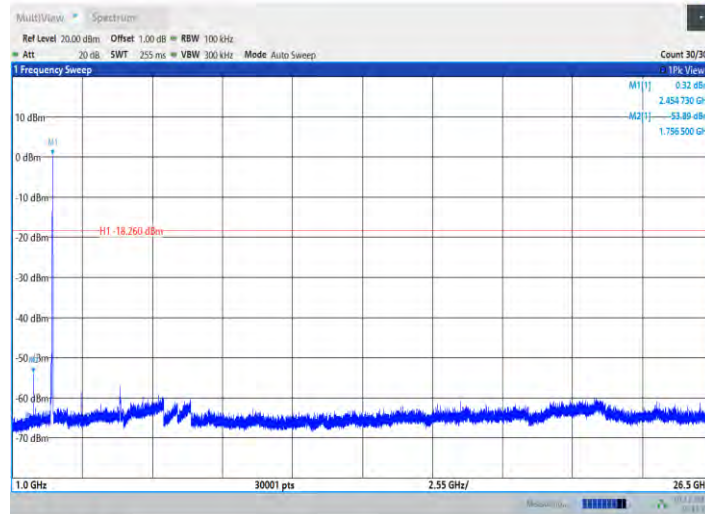
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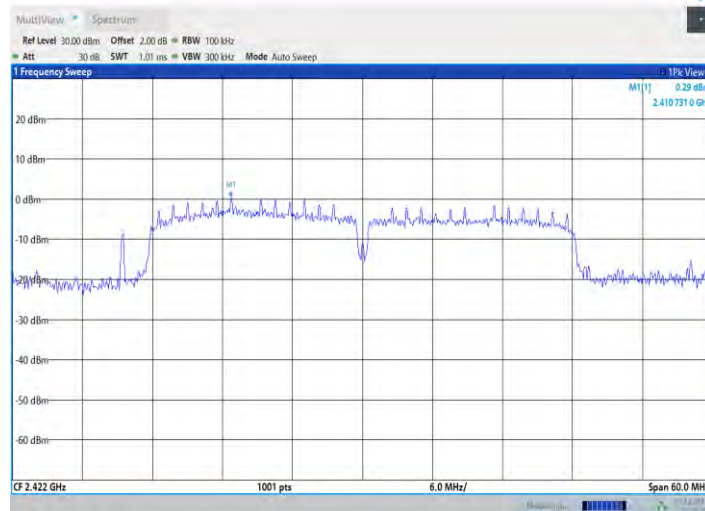
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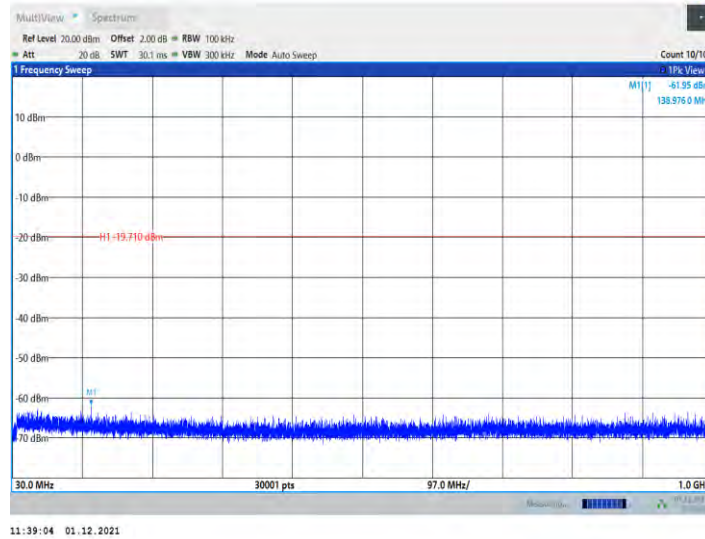
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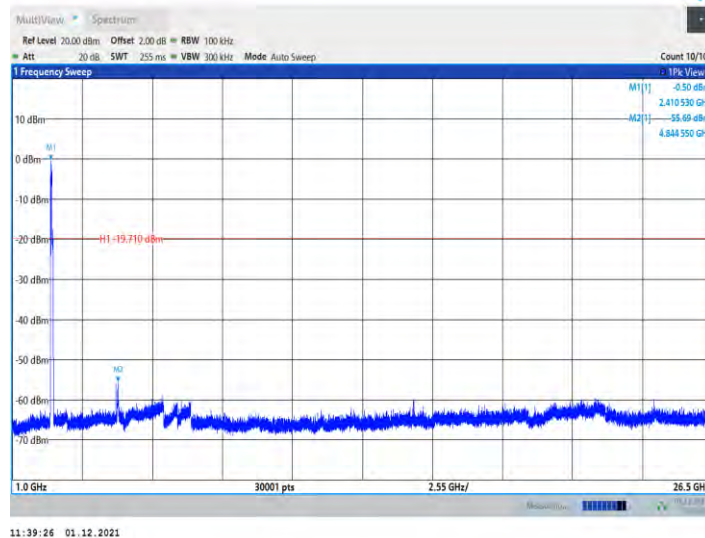


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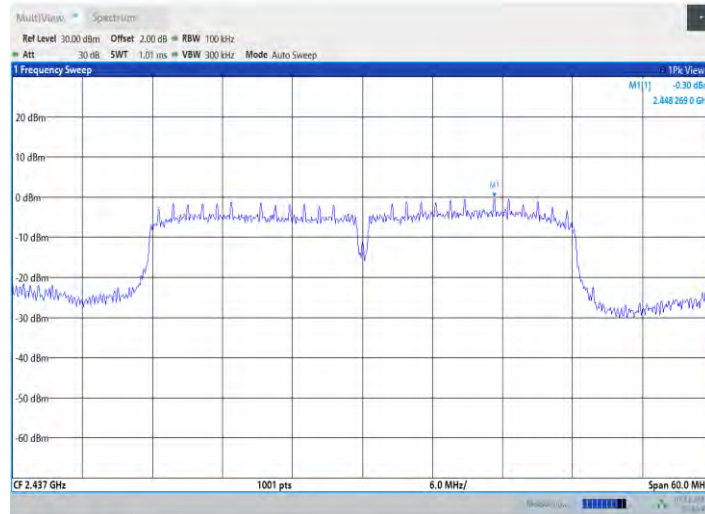
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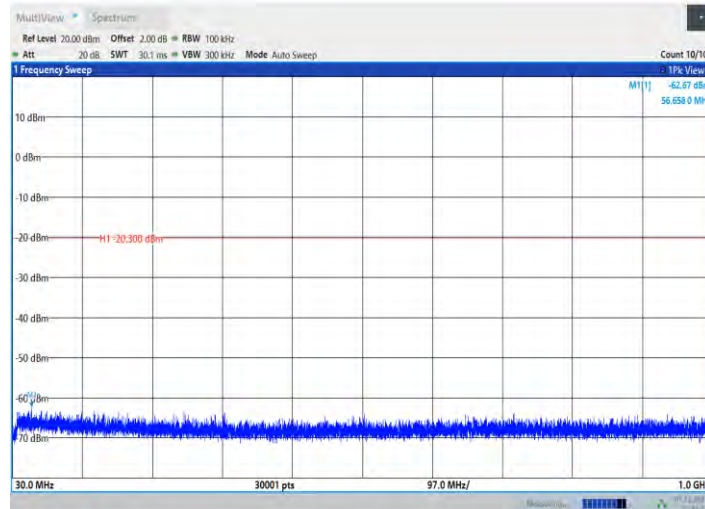
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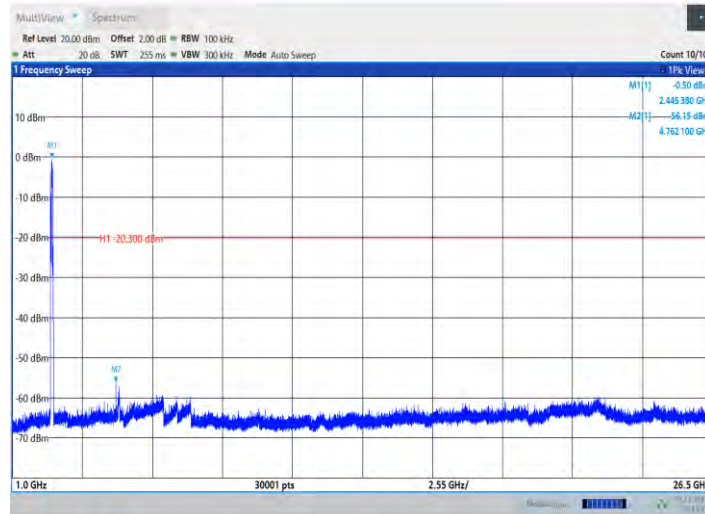


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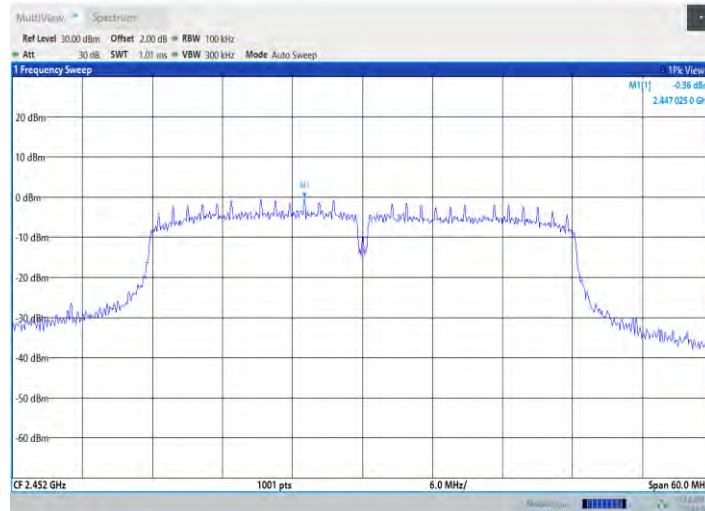
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11N40SISO\_Ant1\_2437\_1000~26500



11:41:16 01.12.2021

11N40SISO\_Ant1\_2452\_0~Reference



11:42:58 01.12.2021



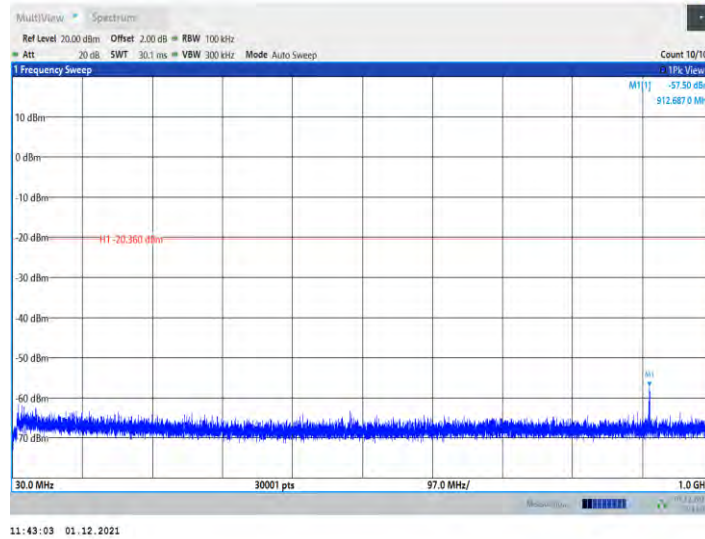
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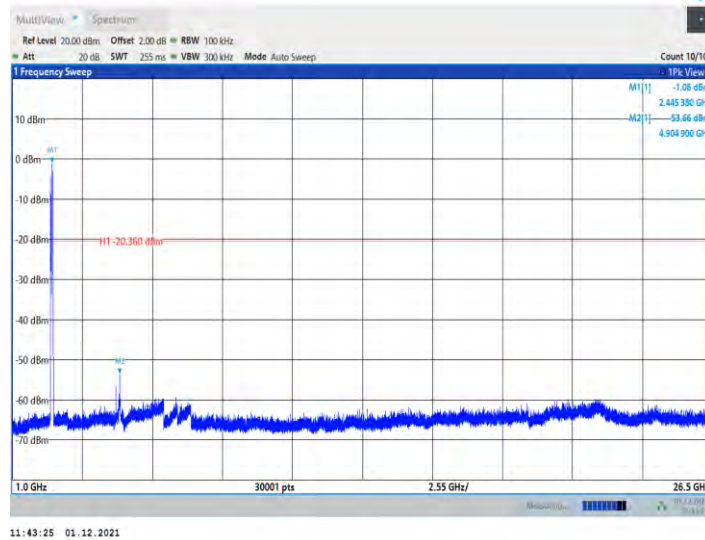
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### Duty Cycle Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.22	8.42	97.62	---	PASS
		2437	8.22	8.42	97.62	---	PASS
		2462	8.22	8.42	97.62	---	PASS
11G	Ant1	2412	1.36	1.56	87.18	---	PASS
		2437	1.36	1.56	87.18	---	PASS
		2462	1.36	1.56	87.18	---	PASS
11N20SISO	Ant1	2412	1.27	1.47	86.39	---	PASS
		2437	1.27	1.48	85.81	---	PASS
		2462	1.27	1.47	86.39	---	PASS
11N40SISO	Ant1	2422	0.63	0.84	75.00	---	PASS
		2437	0.63	0.84	75.00	---	PASS
		2452	0.63	0.84	75.00	---	PASS



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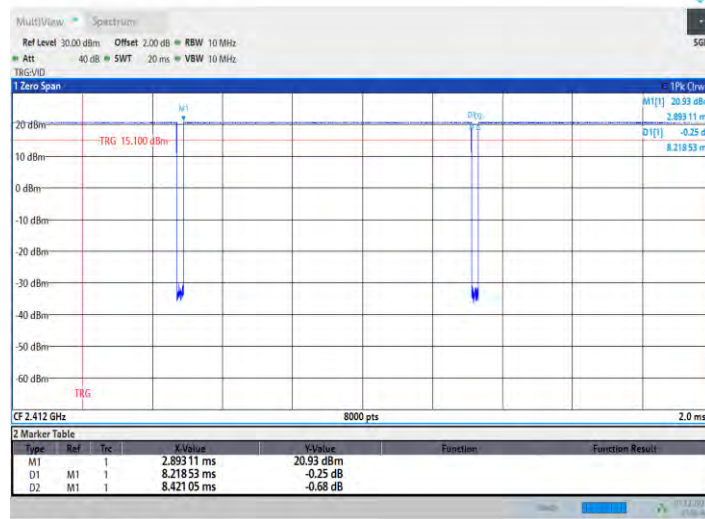
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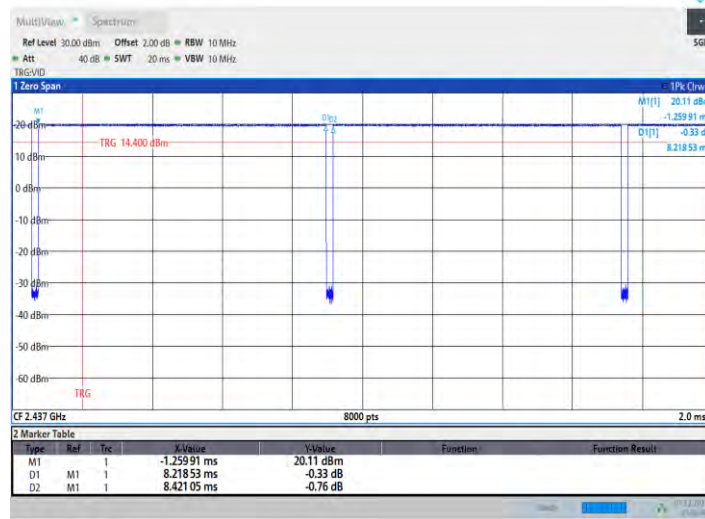
Test Graphs

11B Ant1 2412



11:06:41 01.12.2021

11B Ant1 2437



11:08:49 01.12.2021



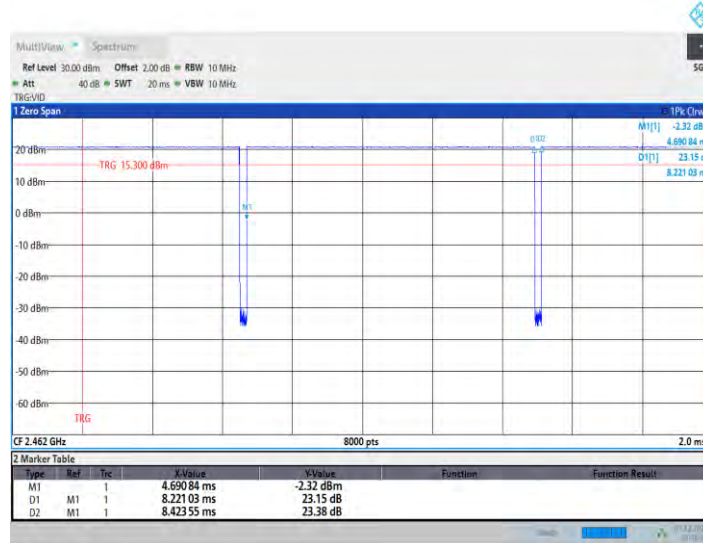
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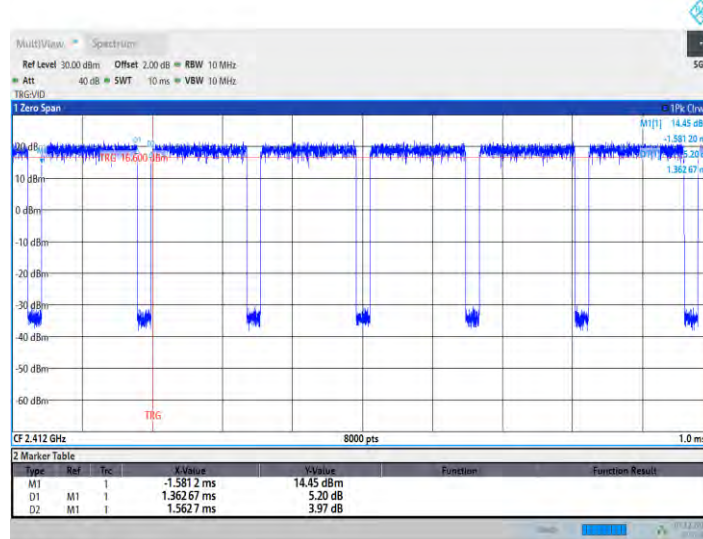
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11B\_Ant1\_2462



11:10:31 01.12.2021

11G\_Ant1\_2412



11:12:22 01.12.2021

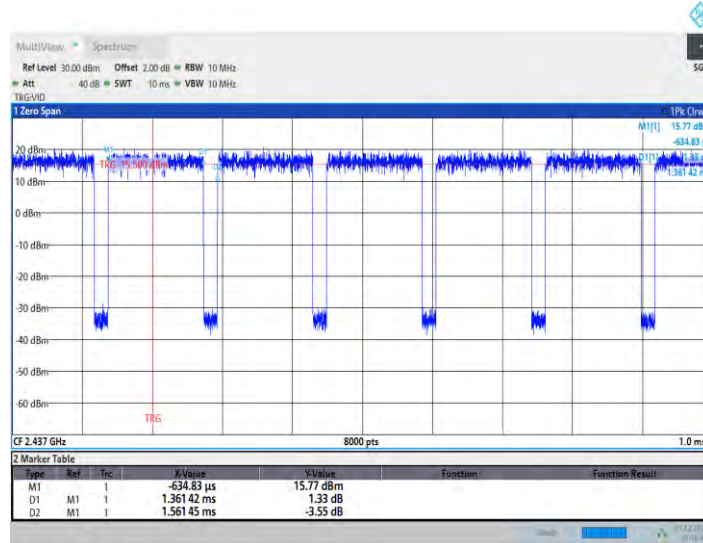


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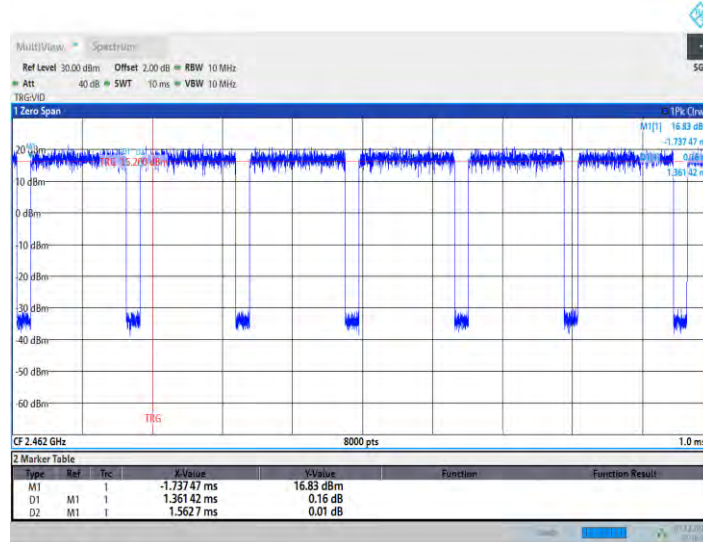
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11G\_Ant1\_2437



11:16:43 01.12.2021

11G\_Ant1\_2462



11:18:26 01.12.2021



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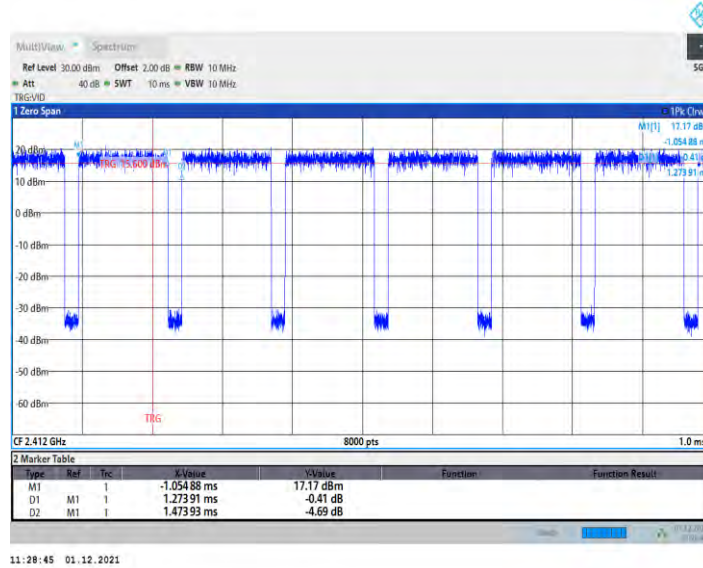
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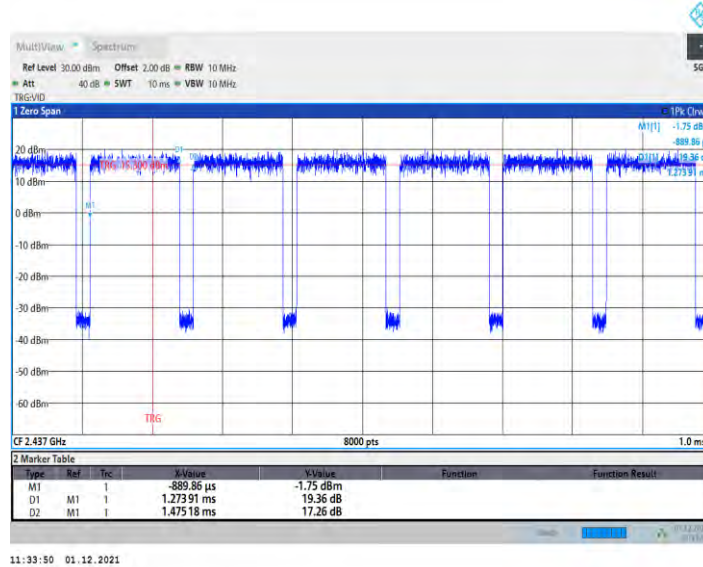
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11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437

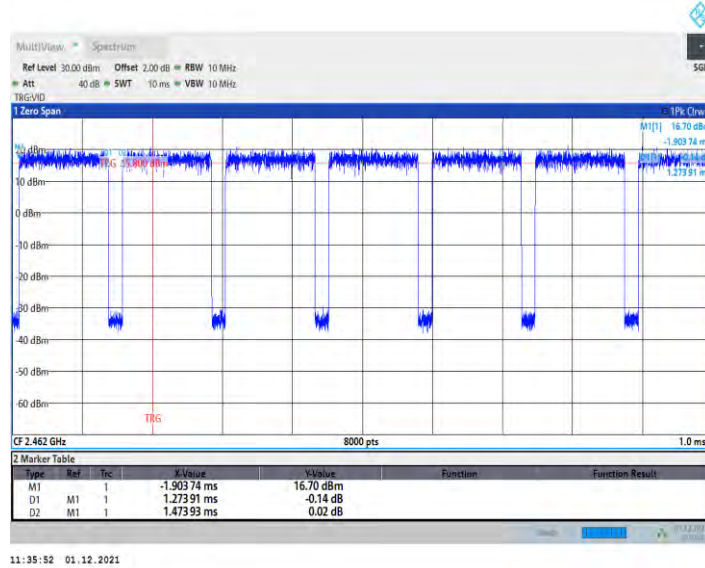


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11N20SISO\_Ant1\_2462



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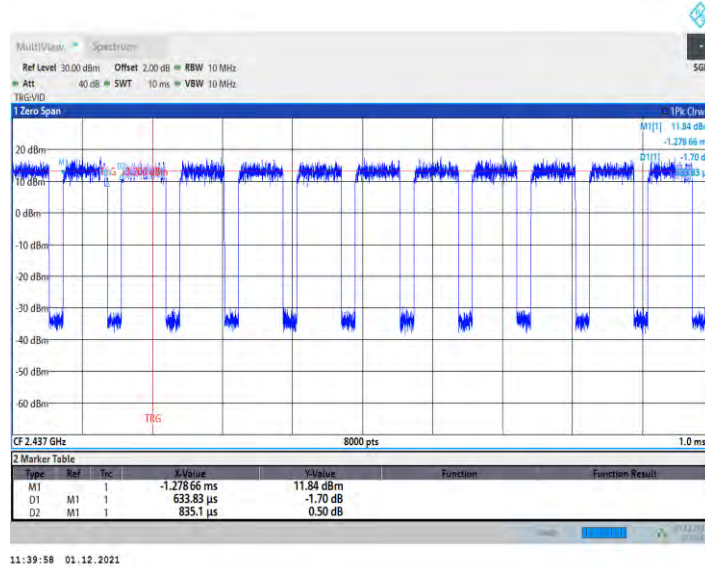


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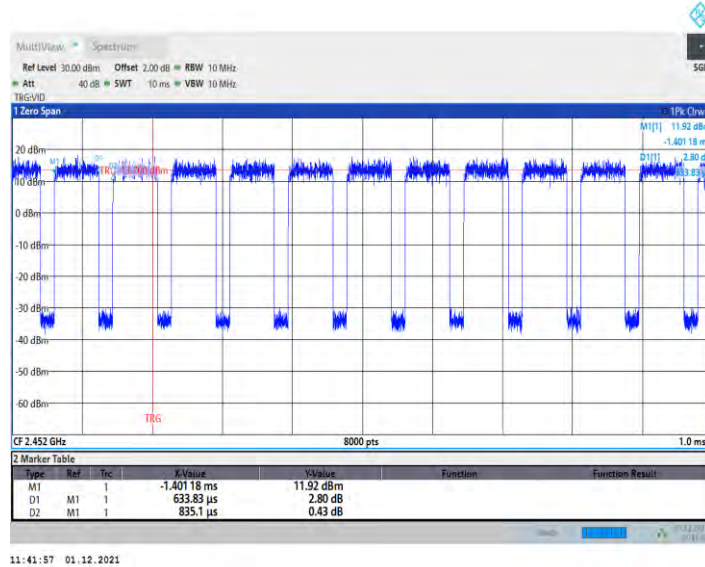
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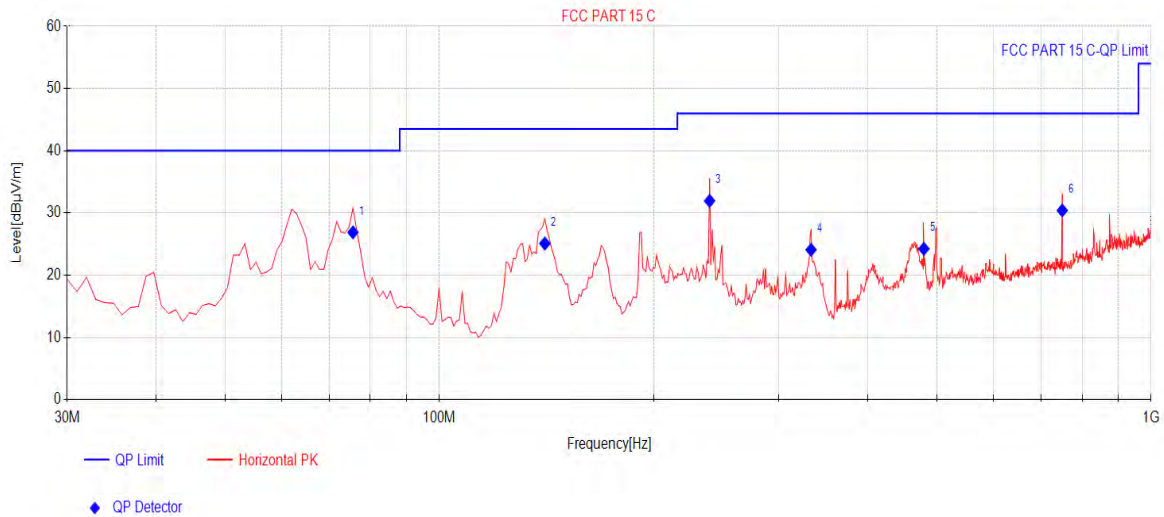
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## Radiated Spurious Emissions

### Radiated emission below 1GHz

#### 802.11b\_Channel 06\_Worse



Final Data List								
NO.	Frequency [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	75.6356	-25.10	26.88	40.00	13.12	152	357	Horizontal
2	140.6907	-22.76	25.09	43.50	18.41	196	261	Horizontal
3	239.7297	-18.68	31.94	46.00	14.06	216	12	Horizontal
4	332.9429	-16.06	24.09	46.00	21.91	305	357	Horizontal
5	479.5596	-13.91	24.24	46.00	21.76	175	97	Horizontal
6	750.4605	-8.04	30.41	46.00	15.59	146	44	Horizontal



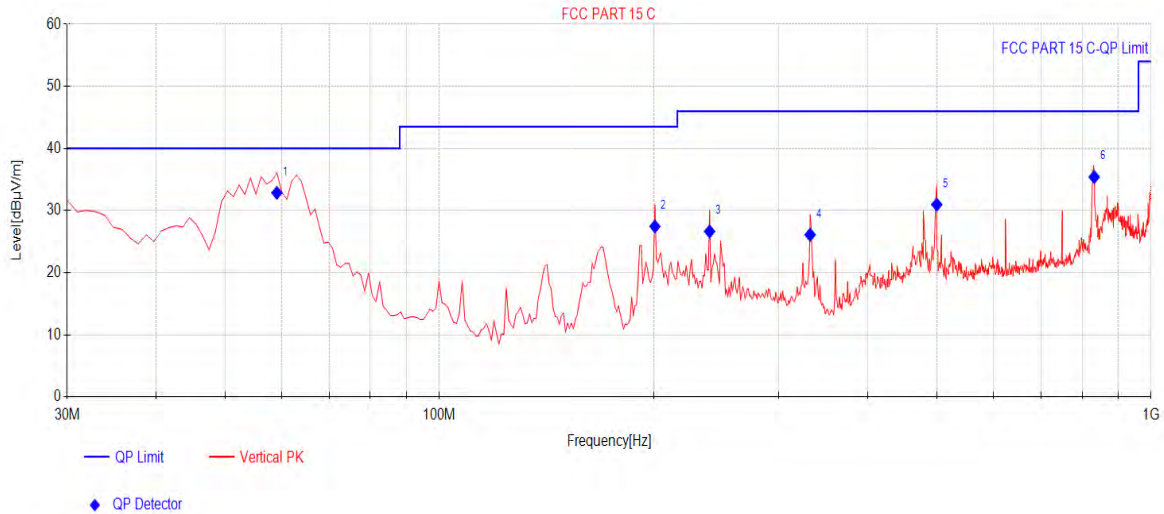
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802. 11b\_Channel 06\_Worse



Final Data List								
NO.	Frequency [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	59.1291	-22.26	32.86	40.00	7.14	163	109	Vertical
2	200.8909	-20.07	27.45	43.50	16.05	142	76	Vertical
3	239.7297	-18.68	26.64	46.00	19.36	214	318	Vertical
4	331.9720	-16.05	26.10	46.00	19.90	321	56	Vertical
5	499.9500	-13.18	30.97	46.00	15.03	152	231	Vertical
6	832.0220	-6.27	35.41	46.00	10.59	215	156	Vertical



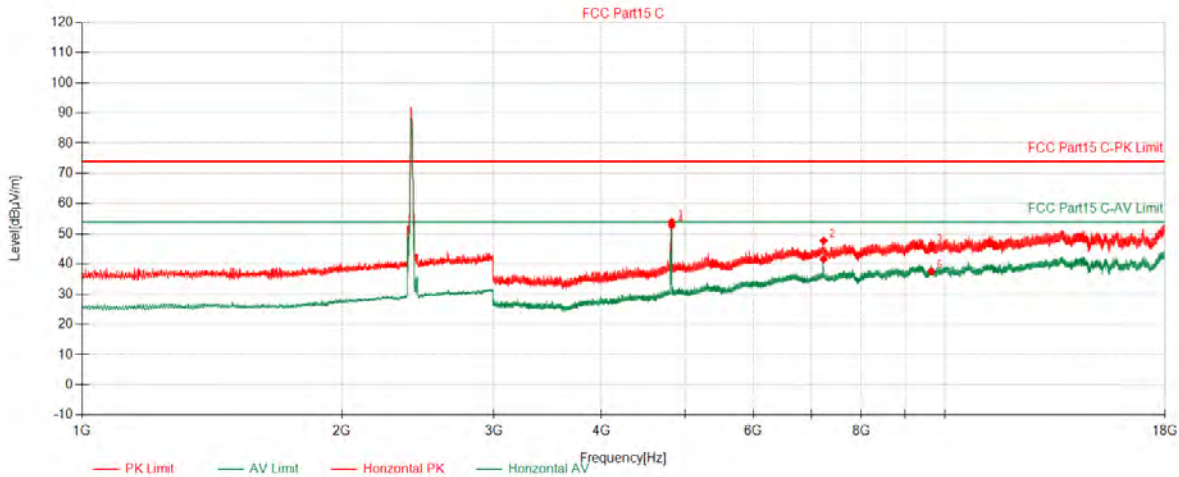
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Transmitter emission above 1GHz

802.11b\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	67.10	-13.15	53.95	74.00	20.05	265	333	Horizontal
2	7236	54.72	-6.96	47.76	74.00	26.24	231	281	Horizontal
3	9648	47.31	-1.17	46.14	74.00	27.86	203	155	Horizontal
4	4824.5	65.92	-13.15	52.77	54.00	1.23	145	333	Horizontal
5	7236	48.59	-6.96	41.63	54.00	12.37	118	306	Horizontal
6	9648	38.72	-1.17	37.55	54.00	16.45	229	155	Horizontal

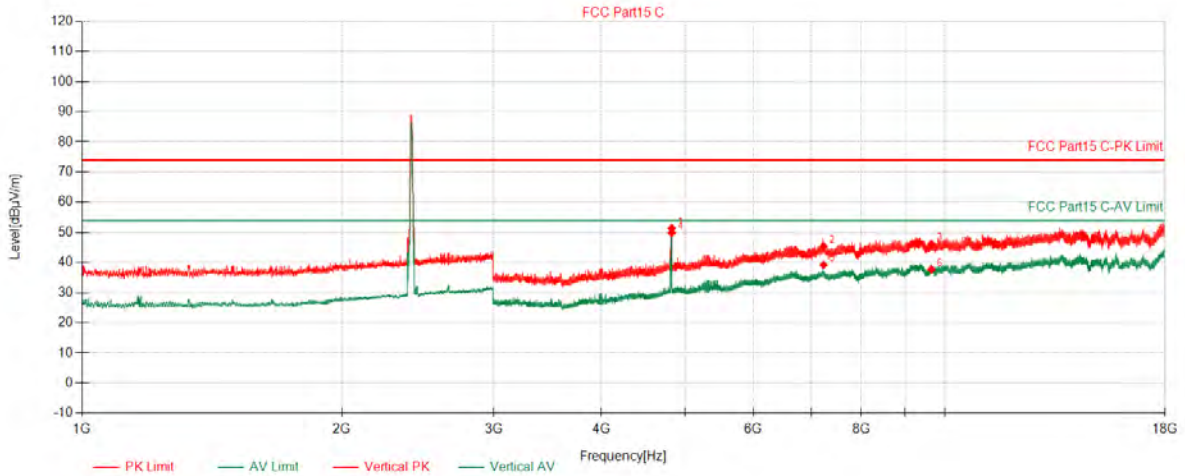


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802.11b\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	64.50	-13.15	51.35	74.00	22.65	165	53	Vertical
2	7236	52.36	-6.96	45.40	74.00	28.60	224	154	Vertical
3	9648	47.32	-1.17	46.15	74.00	27.85	351	230	Vertical
4	4824.5	63.05	-13.15	49.90	54.00	4.10	185	78	Vertical
5	7236	46.15	-6.96	39.19	54.00	14.81	230	80	Vertical
6	9648	38.88	-1.17	37.71	54.00	16.29	196	8	Vertical

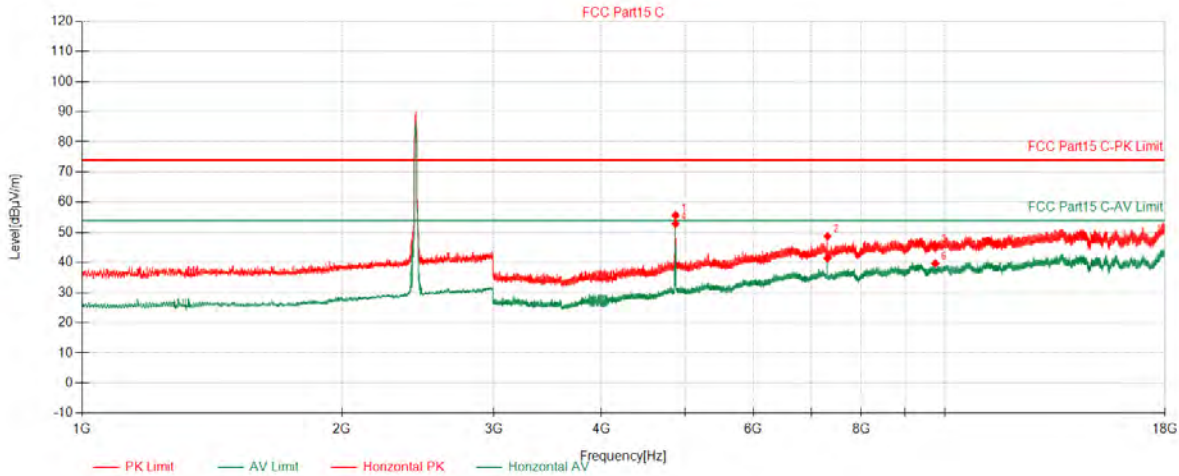


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802.11b\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	68.65	-13.01	55.64	74.00	18.36	265	332	Horizontal
2	7313	55.89	-7.17	48.72	74.00	25.28	166	283	Horizontal
3	9748	46.84	-1.18	45.66	74.00	28.34	254	206	Horizontal
4	4874.5	65.85	-13.00	52.85	54.00	1.15	100	332	Horizontal
5	7311	48.64	-7.17	41.47	54.00	12.53	344	357	Horizontal
6	9748.5	40.89	-1.18	39.71	54.00	14.29	152	32	Horizontal

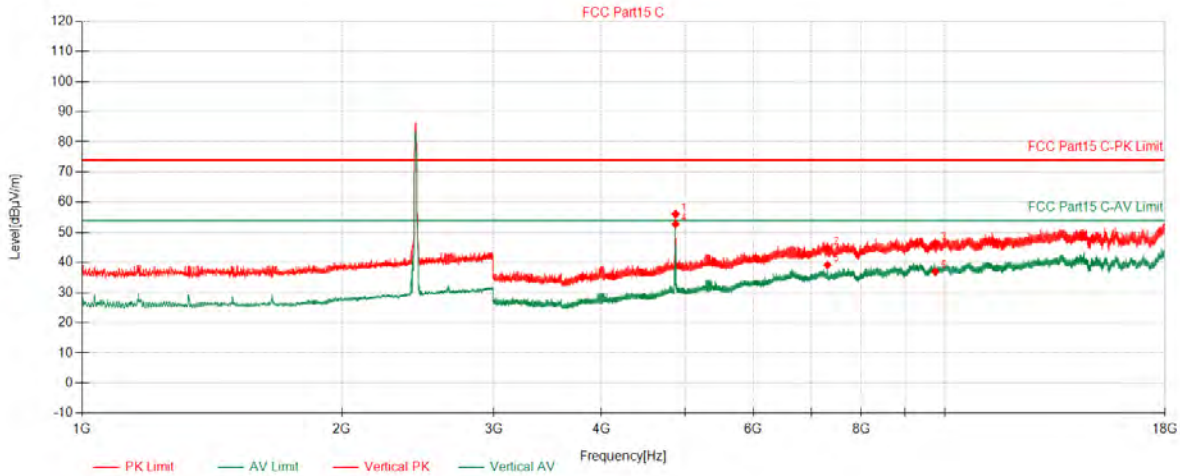


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802.11b\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	69.07	-13.01	56.06	74.00	17.94	265	87	Vertical
2	7311	52.03	-7.17	44.86	74.00	29.14	222	110	Vertical
3	9748	47.60	-1.18	46.42	74.00	27.58	248	235	Vertical
4	4874.5	65.75	-13.00	52.75	54.00	1.25	100	87	Vertical
5	7311	46.35	-7.17	39.18	54.00	14.82	189	34	Vertical
6	9748	38.17	-1.18	36.99	54.00	17.01	281	283	Vertical

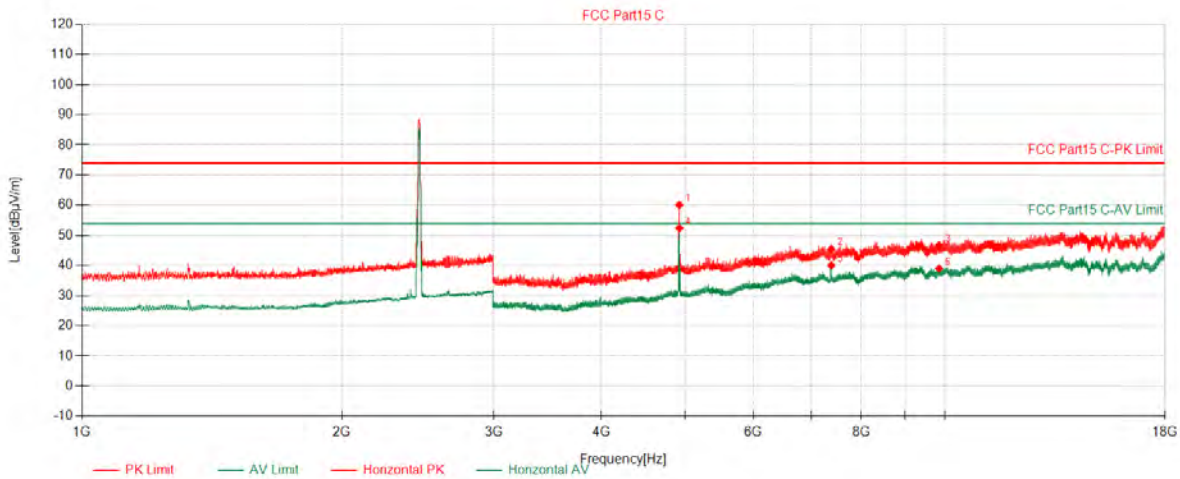


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802.11b\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	73.02	-12.89	60.13	74.00	13.87	265	330	Horizontal
2	7386	52.41	-6.96	45.45	74.00	28.55	288	356	Horizontal
3	9848	47.82	-1.12	46.70	74.00	27.30	154	1	Horizontal
4	4924.5	65.27	-12.89	52.38	54.00	1.62	150	356	Horizontal
5	7386	47.03	-6.96	40.07	54.00	13.93	301	281	Horizontal
6	9848	40.14	-1.12	39.02	54.00	14.98	241	30	Horizontal

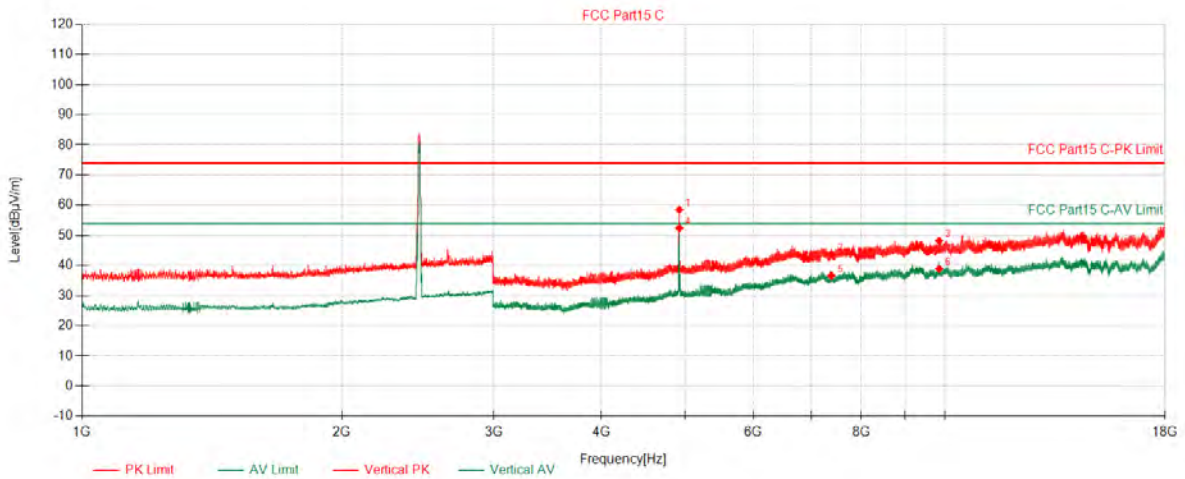


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802.11b\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	71.34	-12.89	58.45	74.00	15.55	265	56	Vertical
2	7386	50.72	-6.96	43.76	74.00	30.24	236	208	Vertical
3	9848	49.32	-1.12	48.20	74.00	25.80	152	233	Vertical
4	4924	65.30	-12.89	52.41	54.00	1.59	150	81	Vertical
5	7386	43.58	-6.96	36.62	54.00	17.38	244	233	Vertical
6	9848	40.03	-1.12	38.91	54.00	15.09	301	332	Vertical

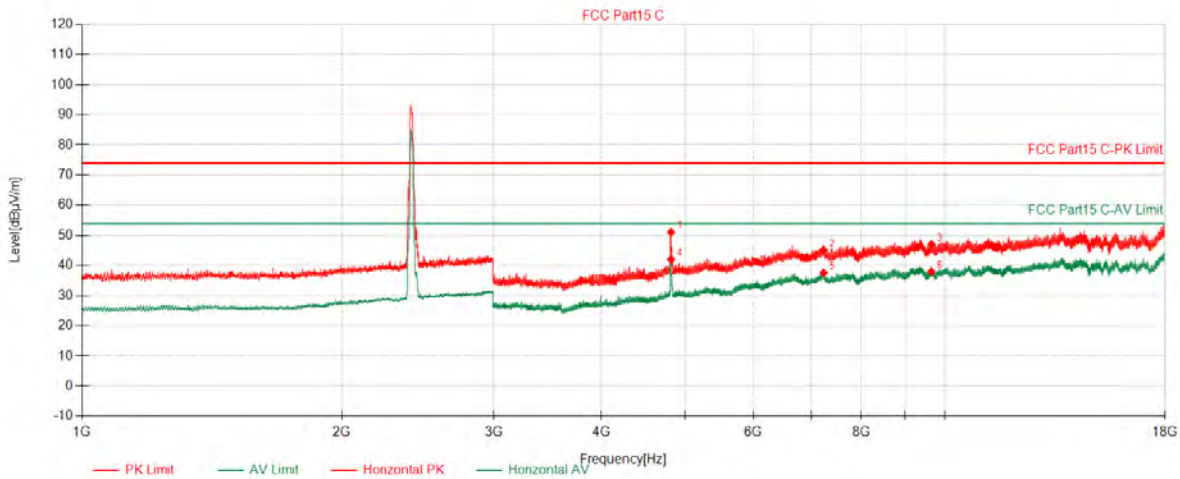


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802.11g\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4815.5	64.21	-13.18	51.03	74.00	22.97	256	266	Horizontal
2	7236	52.09	-6.96	45.13	74.00	28.87	324	214	Horizontal
3	9648	48.21	-1.17	47.04	74.00	26.96	258	26	Horizontal
4	4816	55.17	-13.17	42.00	54.00	12.00	364	332	Horizontal
5	7236	44.49	-6.96	37.53	54.00	16.47	102	108	Horizontal
6	9648	39.08	-1.17	37.91	54.00	16.09	274	156	Horizontal

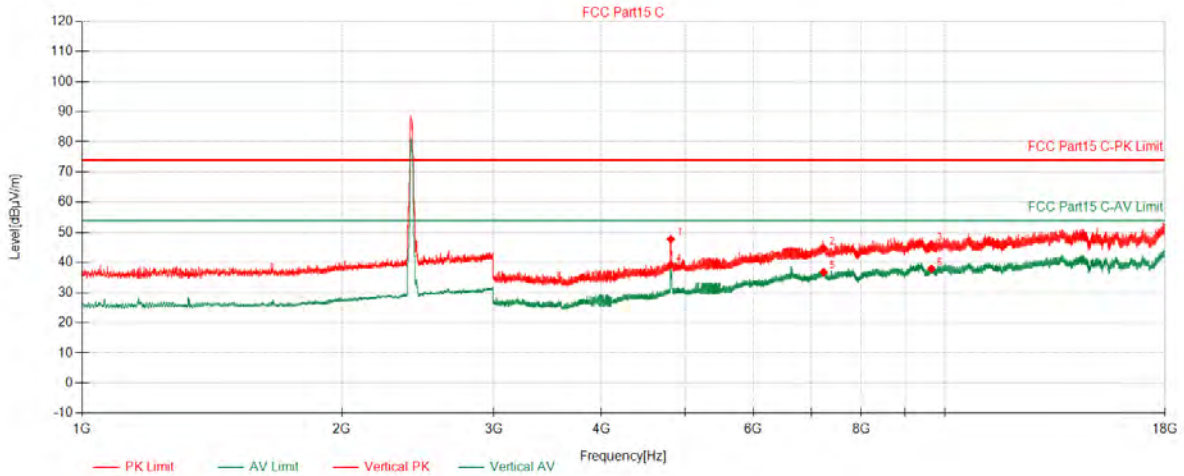


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802.11g\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813	60.92	-13.18	47.74	74.00	26.26	158	258	Vertical
2	7236	51.70	-6.96	44.74	74.00	29.26	226	8	Vertical
3	9648	47.24	-1.17	46.07	74.00	27.93	301	308	Vertical
4	4811.5	52.45	-13.19	39.26	54.00	14.74	145	82	Vertical
5	7236	43.76	-6.96	36.80	54.00	17.20	289	111	Vertical
6	9648	39.12	-1.17	37.95	54.00	16.05	221	134	Vertical

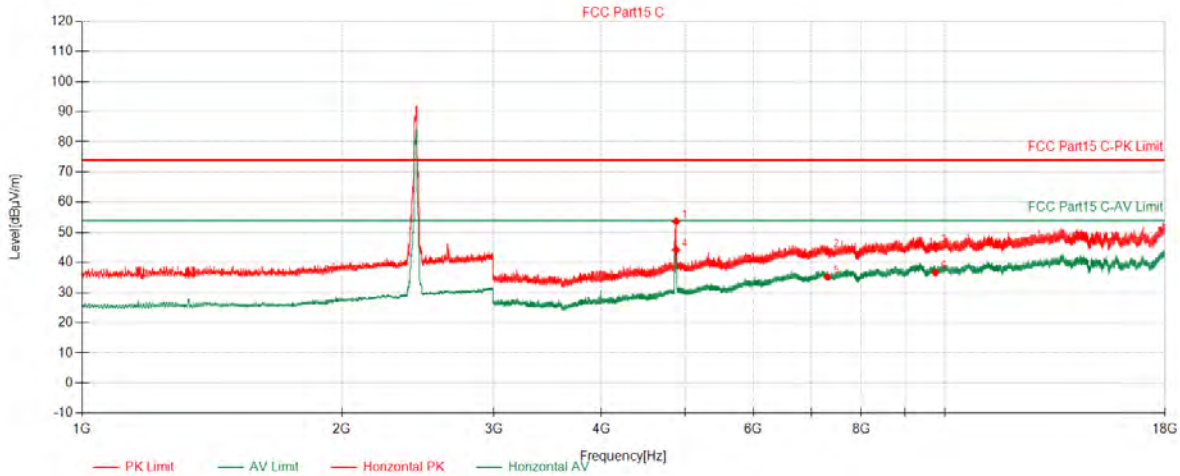


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802.11g\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4881.5	66.60	-12.98	53.62	74.00	20.38	222	56	Horizontal
2	7311	50.94	-7.17	43.77	74.00	30.23	365	153	Horizontal
3	9748	46.62	-1.18	45.44	74.00	28.56	281	30	Horizontal
4	4882	57.15	-12.98	44.17	54.00	9.83	374	357	Horizontal
5	7311	42.41	-7.17	35.24	54.00	18.76	230	331	Horizontal
6	9748	37.83	-1.18	36.65	54.00	17.35	265	306	Horizontal

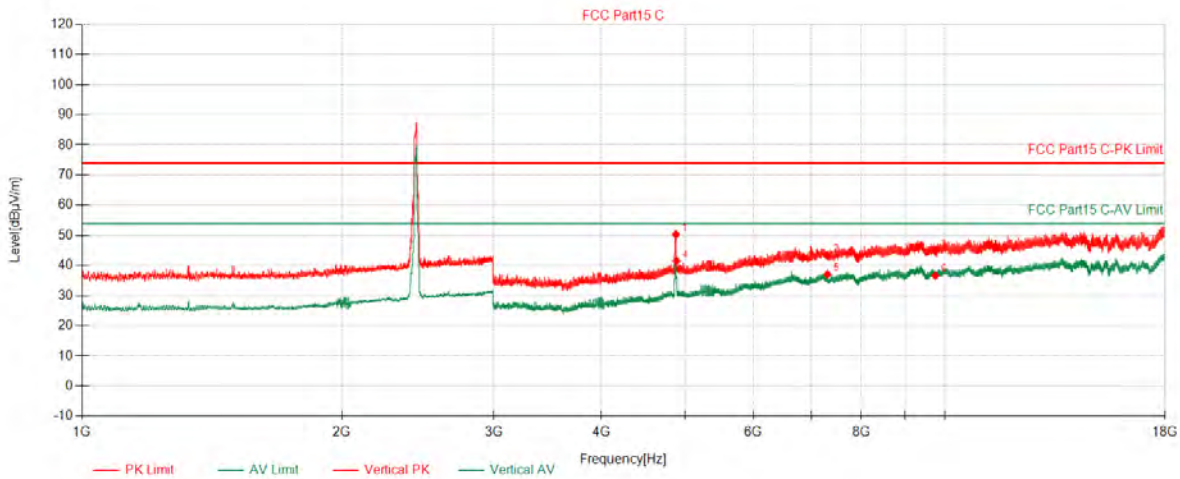


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802.11g\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4879	63.33	-12.99	50.34	74.00	23.66	165	31	Vertical
2	7311	50.45	-7.17	43.28	74.00	30.72	258	356	Vertical
3	9748	46.29	-1.18	45.11	74.00	28.89	364	106	Vertical
4	4886.5	54.52	-12.97	41.55	54.00	12.45	147	1	Vertical
5	7311	44.20	-7.17	37.03	54.00	16.97	166	156	Vertical
6	9748	37.82	-1.18	36.64	54.00	17.36	203	9	Vertical

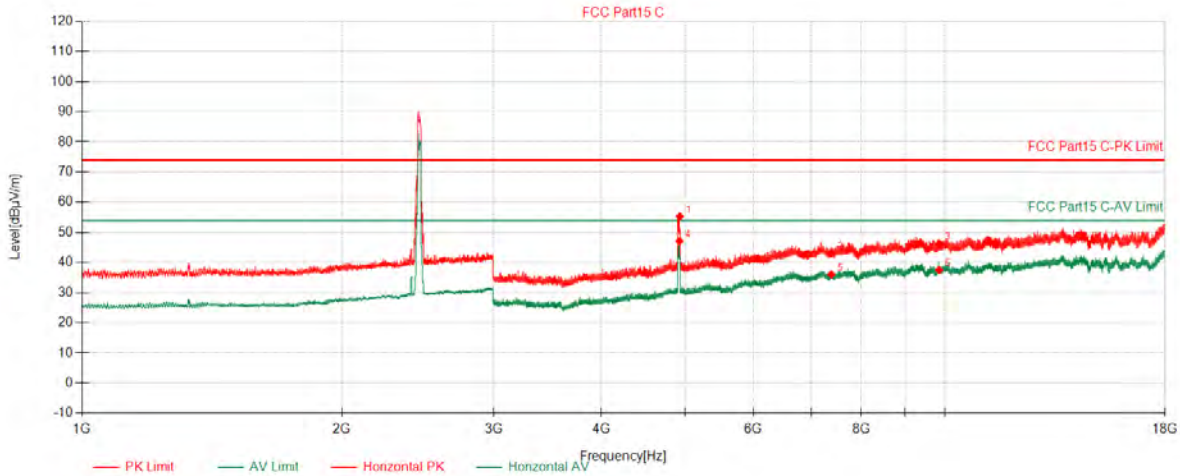


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802.11g\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4929.5	68.15	-12.88	55.27	74.00	18.73	265	60	Horizontal
2	7386	50.01	-6.96	43.05	74.00	30.95	115	283	Horizontal
3	9848	47.36	-1.12	46.24	74.00	27.76	229	266	Horizontal
4	4925	59.99	-12.89	47.10	54.00	6.90	335	306	Horizontal
5	7386	43.02	-6.96	36.06	54.00	17.94	154	281	Horizontal
6	9848	38.60	-1.12	37.48	54.00	16.52	285	11	Horizontal



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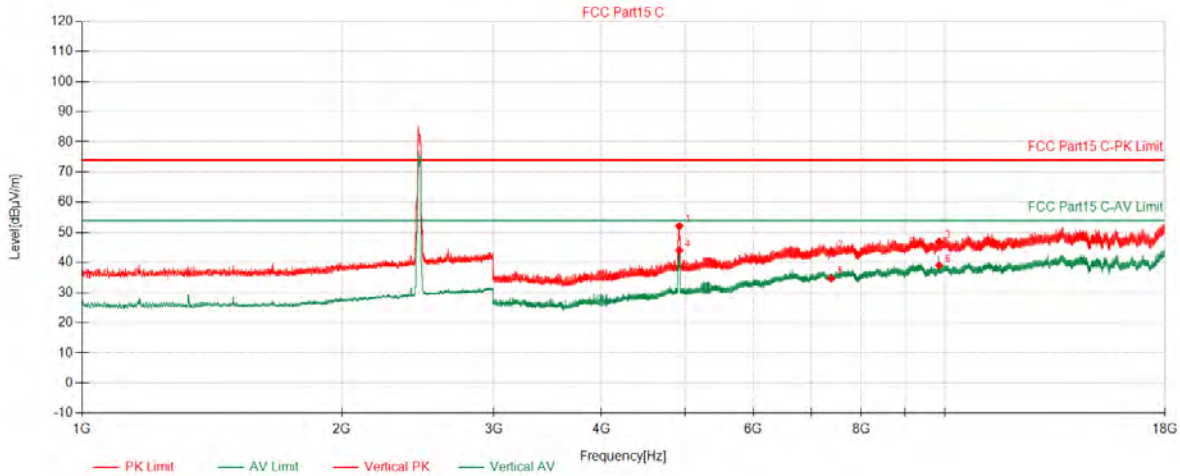
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802.11g\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4923.5	64.96	-12.89	52.07	74.00	21.93	255	8	Vertical
2	7386	50.62	-6.96	43.66	74.00	30.34	245	232	Vertical
3	9848	48.01	-1.12	46.89	74.00	27.11	285	332	Vertical
4	4923.5	56.91	-12.89	44.02	54.00	9.98	326	79	Vertical
5	7386	41.68	-6.96	34.72	54.00	19.28	210	1	Vertical
6	9848	40.15	-1.12	39.03	54.00	14.97	229	106	Vertical



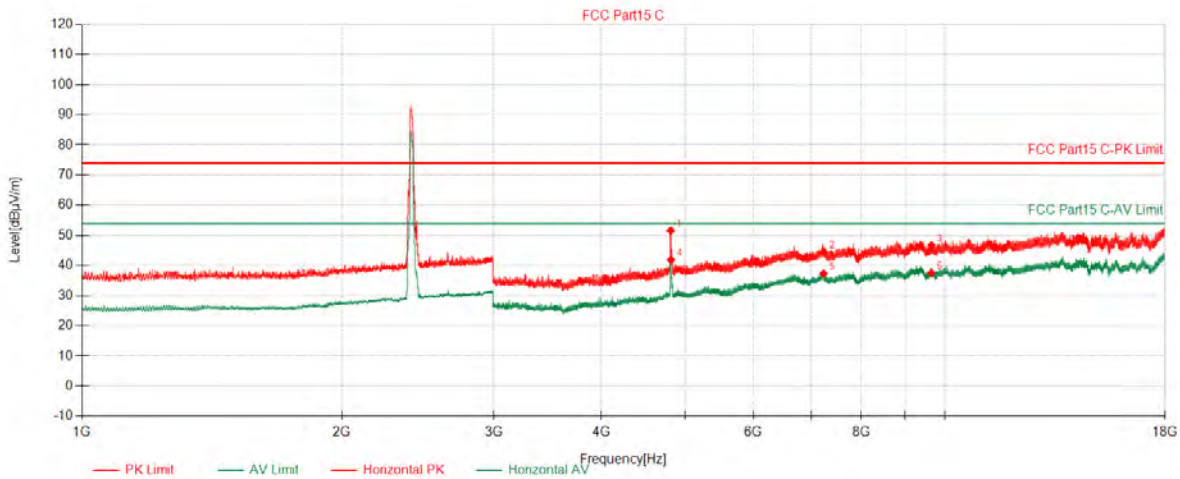
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802.11n20\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4811	64.78	-13.19	51.59	74.00	22.41	265	357	Horizontal
2	7236	51.48	-6.96	44.52	74.00	29.48	245	78	Horizontal
3	9648	47.82	-1.17	46.65	74.00	27.35	299	1	Horizontal
4	4815	55.03	-13.18	41.85	54.00	12.15	331	357	Horizontal
5	7236	44.24	-6.96	37.28	54.00	16.72	277	281	Horizontal
6	9648	38.65	-1.17	37.48	54.00	16.52	106	208	Horizontal

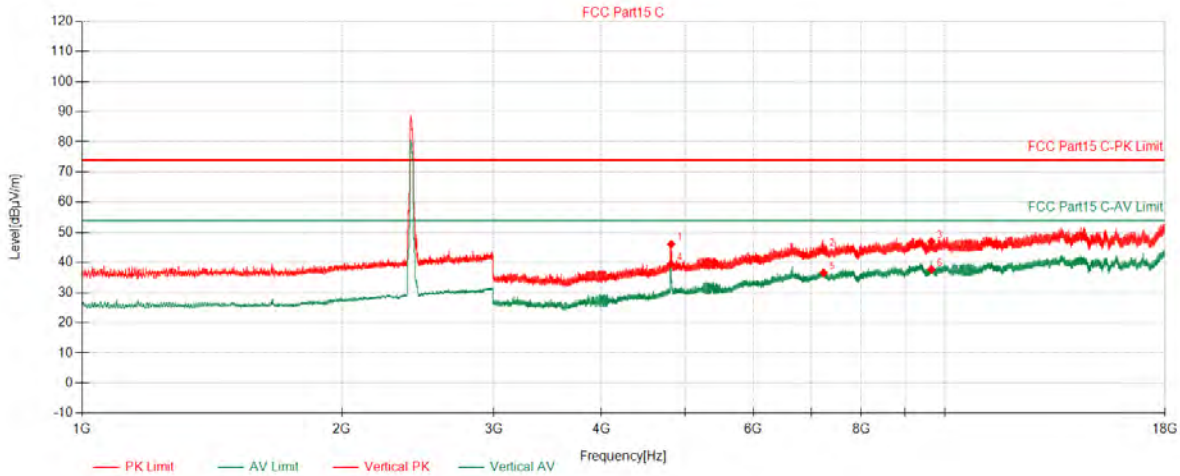


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802.11n20\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4818	59.27	-13.17	46.10	74.00	27.90	165	52	Vertical
2	7236	51.02	-6.96	44.06	74.00	29.94	254	284	Vertical
3	9648	48.14	-1.17	46.97	74.00	27.03	188	1	Vertical
4	4814.5	52.76	-13.18	39.58	54.00	14.42	236	26	Vertical
5	7236	43.51	-6.96	36.55	54.00	17.45	225	8	Vertical
6	9648	38.87	-1.17	37.70	54.00	16.30	220	306	Vertical

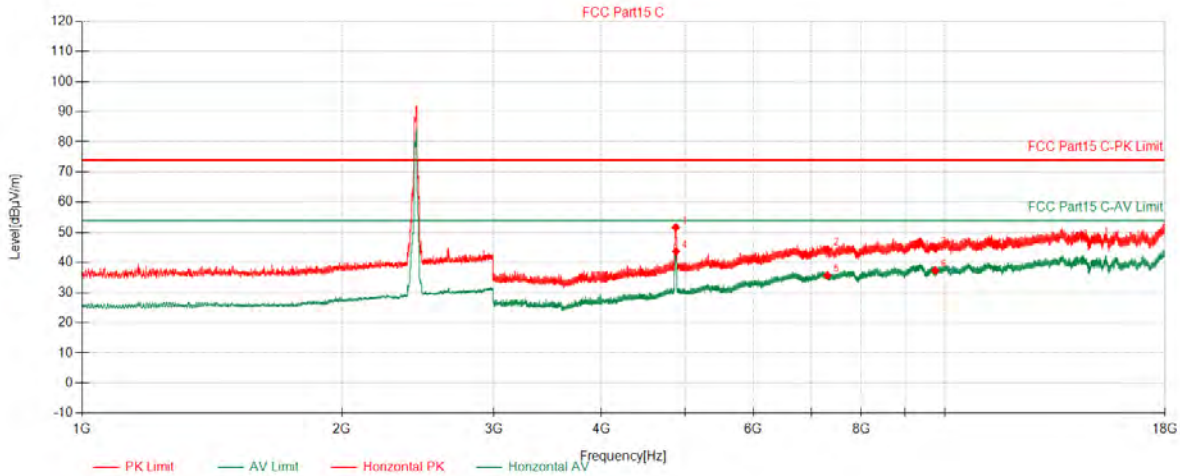


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802.11n20\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4876.5	64.63	-13.00	51.63	74.00	22.37	265	1	Horizontal
2	7311	51.50	-7.17	44.33	74.00	29.67	245	32	Horizontal
3	9748	46.02	-1.18	44.84	74.00	29.16	299	156	Horizontal
4	4881.5	56.70	-12.98	43.72	54.00	10.28	331	8	Horizontal
5	7311	42.86	-7.17	35.69	54.00	18.31	203	282	Horizontal
6	9748	38.48	-1.18	37.30	54.00	16.70	210	182	Horizontal

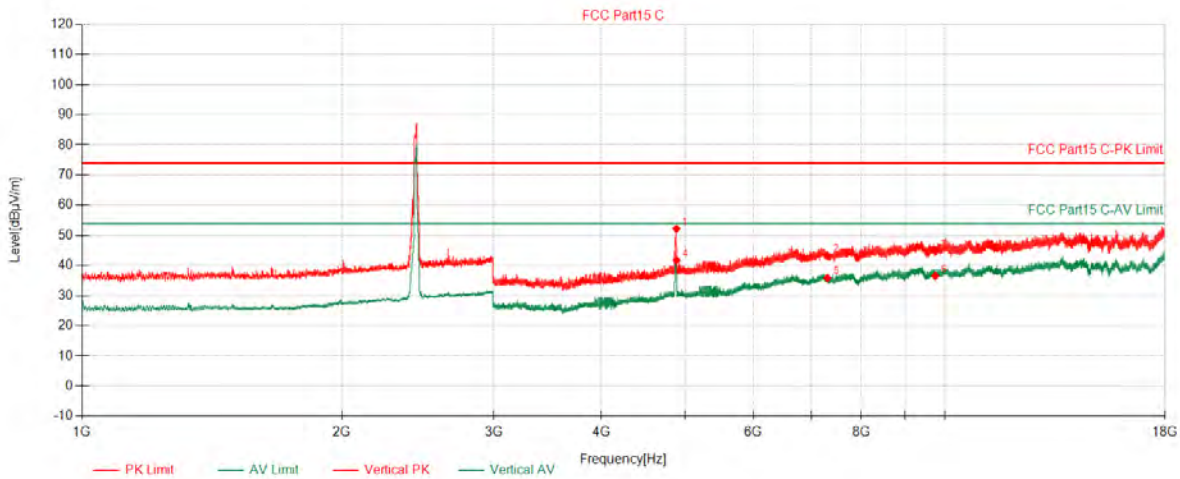


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802.11n20\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4885	65.16	-12.97	52.19	74.00	21.81	156	53	Vertical
2	7311	50.42	-7.17	43.25	74.00	30.75	369	221	Vertical
3	9748	46.25	-1.18	45.07	74.00	28.93	145	105	Vertical
4	4886.5	54.70	-12.97	41.73	54.00	12.27	258	78	Vertical
5	7311	43.04	-7.17	35.87	54.00	18.13	240	256	Vertical
6	9748	37.73	-1.18	36.55	54.00	17.45	233	78	Vertical

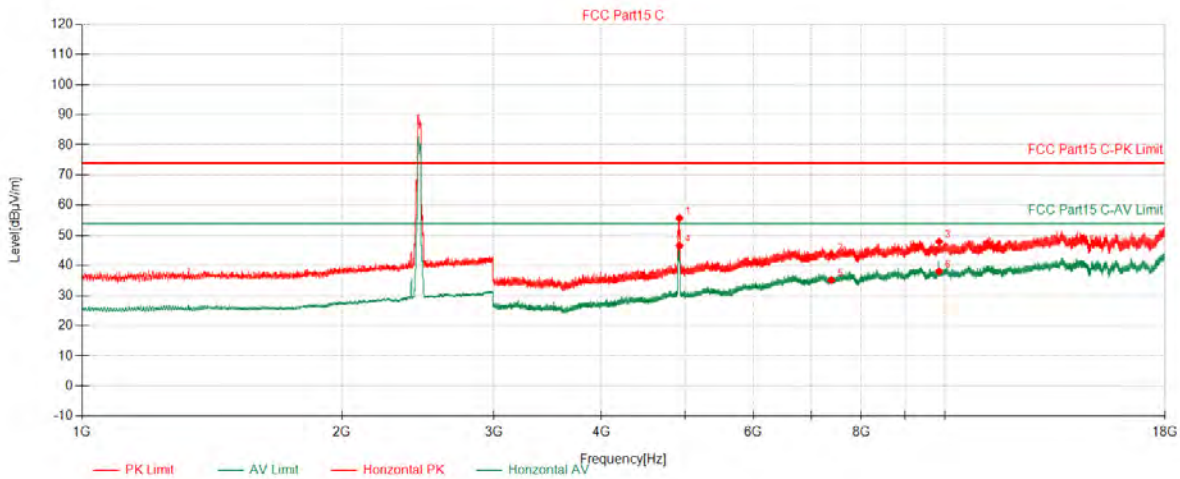


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802.11n20\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.5	68.60	-12.89	55.71	74.00	18.29	265	0	Horizontal
2	7386	50.62	-6.96	43.66	74.00	30.34	302	333	Horizontal
3	9848	49.04	-1.12	47.92	74.00	26.08	288	30	Horizontal
4	4926	59.41	-12.89	46.52	54.00	7.48	236	333	Horizontal
5	7386	42.10	-6.96	35.14	54.00	18.86	125	333	Horizontal
6	9848	39.20	-1.12	38.08	54.00	15.92	245	30	Horizontal

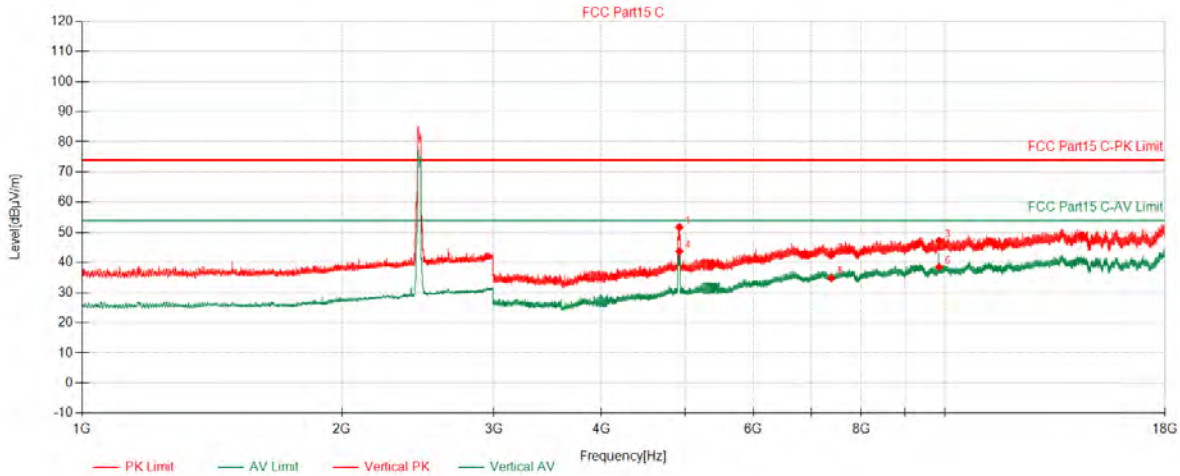


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802.11n20\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	64.58	-12.89	51.69	74.00	22.31	265	57	Vertical
2	7386	49.45	-6.96	42.49	74.00	31.51	154	232	Vertical
3	9848	48.25	-1.12	47.13	74.00	26.87	289	331	Vertical
4	4924.5	56.62	-12.89	43.73	54.00	10.27	235	82	Vertical
5	7386	41.79	-6.96	34.83	54.00	19.17	115	129	Vertical
6	9848	39.63	-1.12	38.51	54.00	15.49	334	257	Vertical

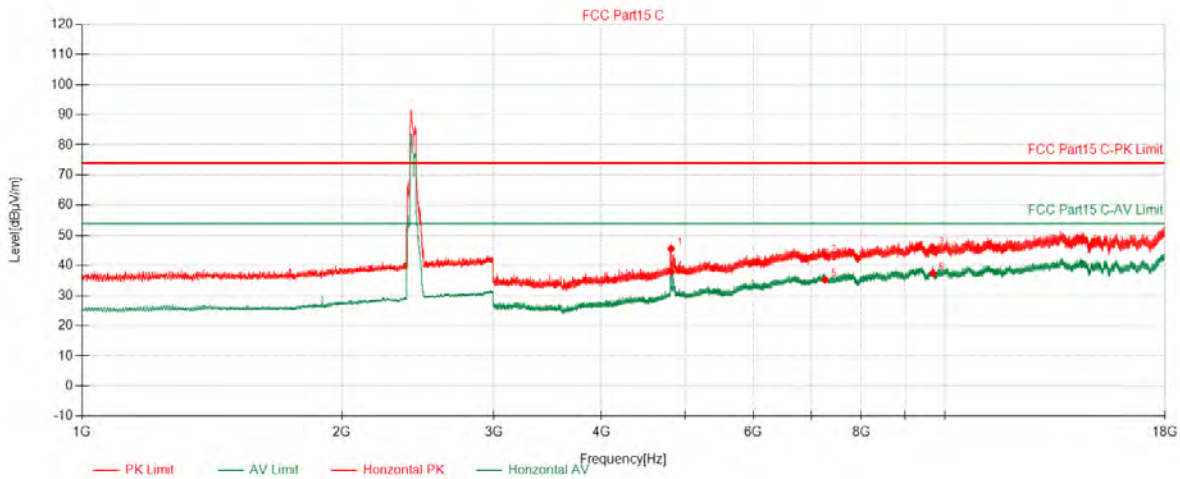


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802.11n40\_Channel 03



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4817	58.75	-13.17	45.58	74.00	28.42	254	152	Horizontal
2	7266	50.24	-7.07	43.17	74.00	30.83	236	3	Horizontal
3	9688	46.95	-1.12	45.83	74.00	28.17	251	359	Horizontal
4	4817.5	51.04	-13.17	37.87	54.00	16.13	283	152	Horizontal
5	7266	42.30	-7.07	35.23	54.00	18.77	269	178	Horizontal
6	9688	38.56	-1.12	37.44	54.00	16.56	371	29	Horizontal



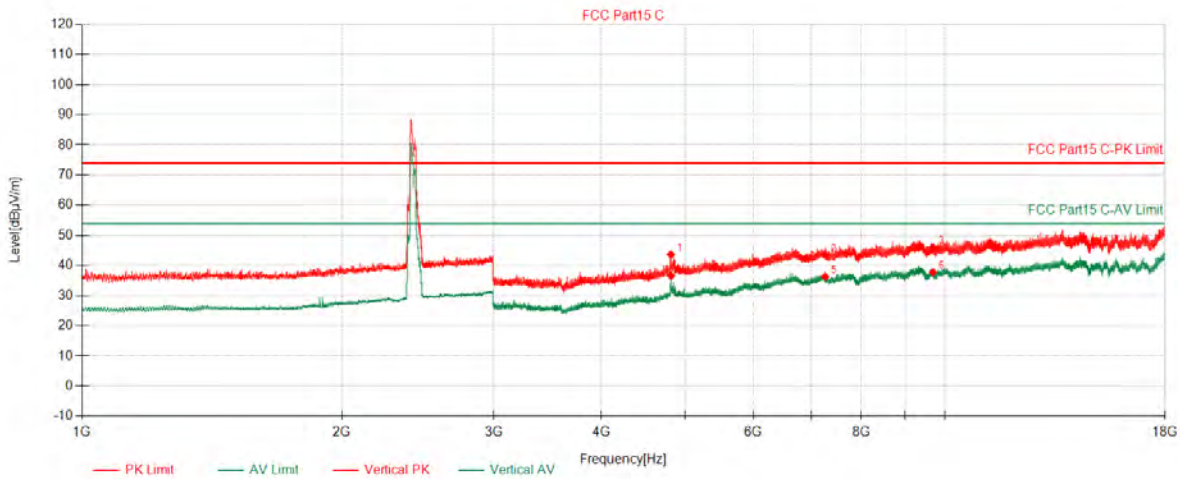
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802.11n40\_Channel 03



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4813	56.86	-13.18	43.68	74.00	30.32	265	286	Vertical
2	7266	50.56	-7.07	43.49	74.00	30.51	158	4	Vertical
3	9688	47.11	-1.12	45.99	74.00	28.01	254	208	Vertical
4	4816.5	49.74	-13.17	36.57	54.00	17.43	332	259	Vertical
5	7266	43.37	-7.07	36.30	54.00	17.70	247	106	Vertical
6	9688	38.88	-1.12	37.76	54.00	16.24	269	334	Vertical

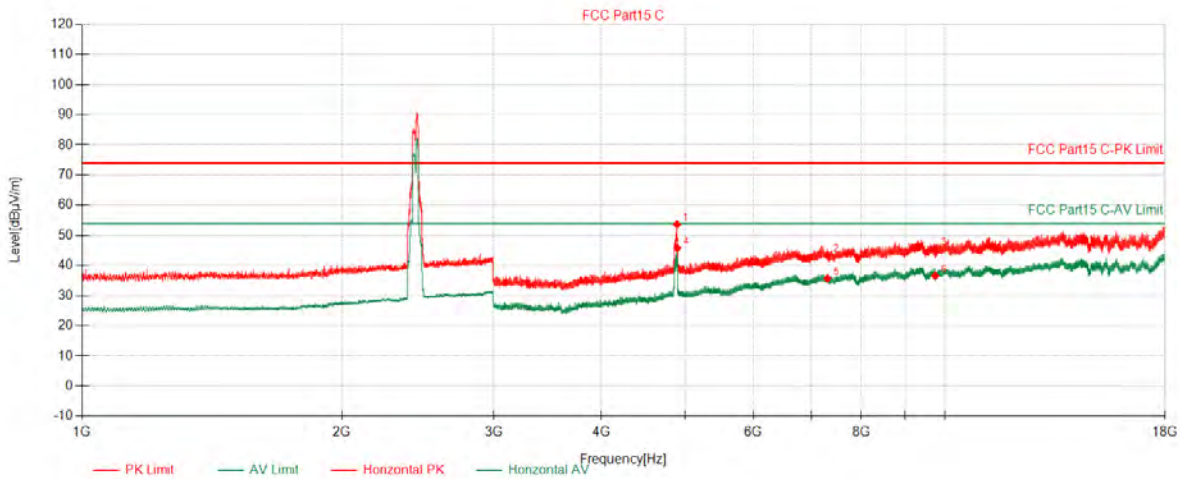


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802.11n40\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4893	66.59	-12.95	53.64	74.00	20.36	265	178	Horizontal
2	7311	50.66	-7.17	43.49	54.00	10.51	258	51	Horizontal
3	9748	46.76	-1.18	45.58	54.00	8.42	246	26	Horizontal
4	4897.5	58.74	-12.94	45.80	54.00	8.20	331	152	Horizontal
5	7311	42.87	-7.17	35.70	54.00	18.30	398	349	Horizontal
6	9748	37.78	-1.18	36.60	54.00	17.40	102	360	Horizontal

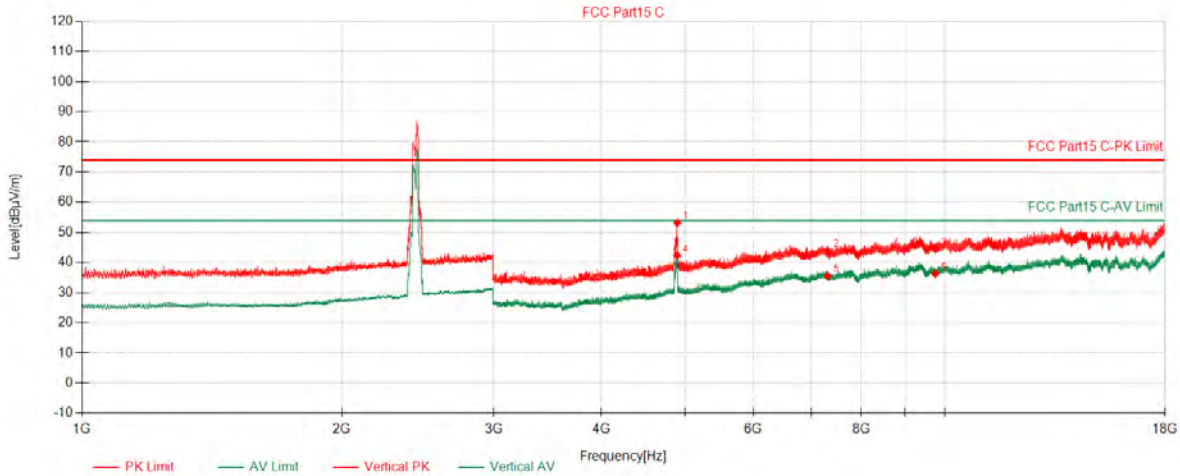


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802.11n40\_Channel 06



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4896.5	66.12	-12.94	53.18	74.00	20.82	265	252	Vertical
2	7311	51.07	-7.17	43.90	74.00	30.10	339	154	Vertical
3	9748	45.76	-1.18	44.58	74.00	29.42	203	253	Vertical
4	4894	55.31	-12.95	42.36	54.00	11.64	331	252	Vertical
5	7311	42.71	-7.17	35.54	54.00	18.46	258	360	Vertical
6	9748	37.47	-1.18	36.29	54.00	17.71	145	178	Vertical



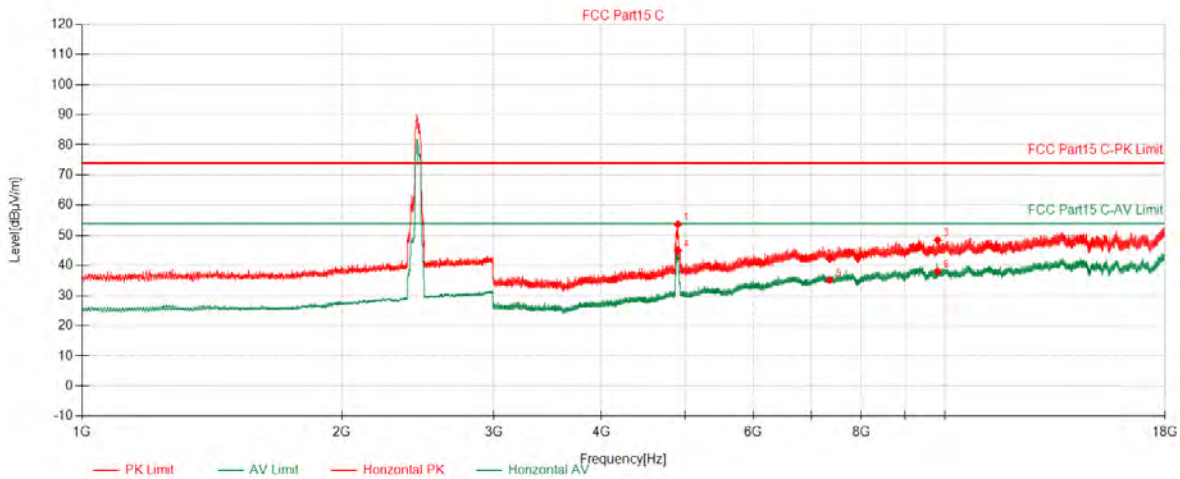
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802.11n40\_Channel 09



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4905.5	66.59	-12.92	53.67	74.00	20.33	162	179	Horizontal
2	7356	49.31	-7.05	42.26	74.00	31.74	356	28	Horizontal
3	9808	49.68	-1.24	48.44	74.00	25.56	245	4	Horizontal
4	4904	57.84	-12.92	44.92	54.00	9.08	296	151	Horizontal
5	7356	42.26	-7.05	35.21	54.00	18.79	222	154	Horizontal
6	9808	39.31	-1.24	38.07	54.00	15.93	185	228	Horizontal

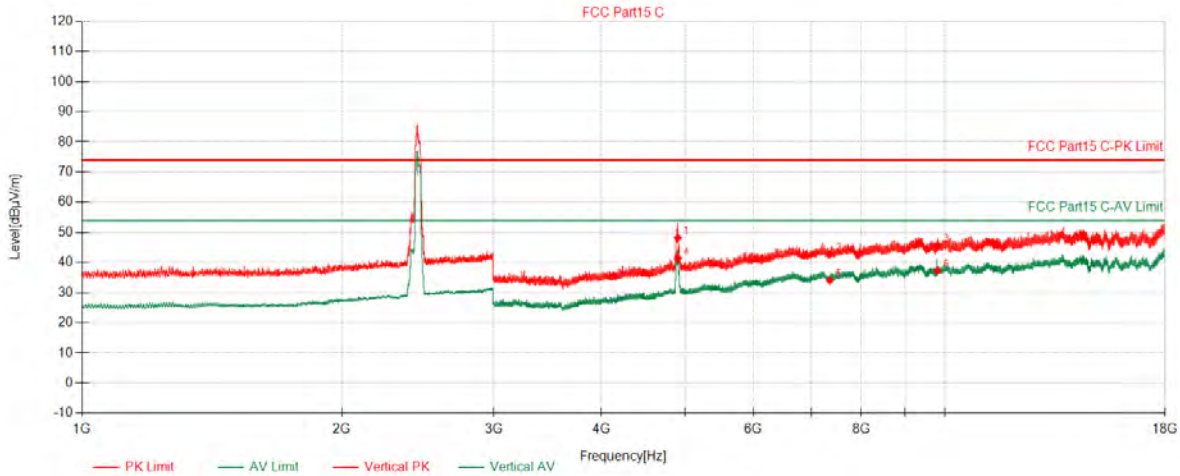


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802.11n40\_Channel 09



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4904	61.14	-12.92	48.22	74.00	25.78	162	257	Vertical
2	7356	49.92	-7.05	42.87	74.00	31.13	222	203	Vertical
3	9808	46.95	-1.24	45.71	74.00	28.29	365	181	Vertical
4	4904	54.41	-12.92	41.49	54.00	12.51	203	206	Vertical
5	7356	41.12	-7.05	34.07	54.00	19.93	125	333	Vertical
6	9808	38.53	-1.24	37.29	54.00	16.71	248	154	Vertical



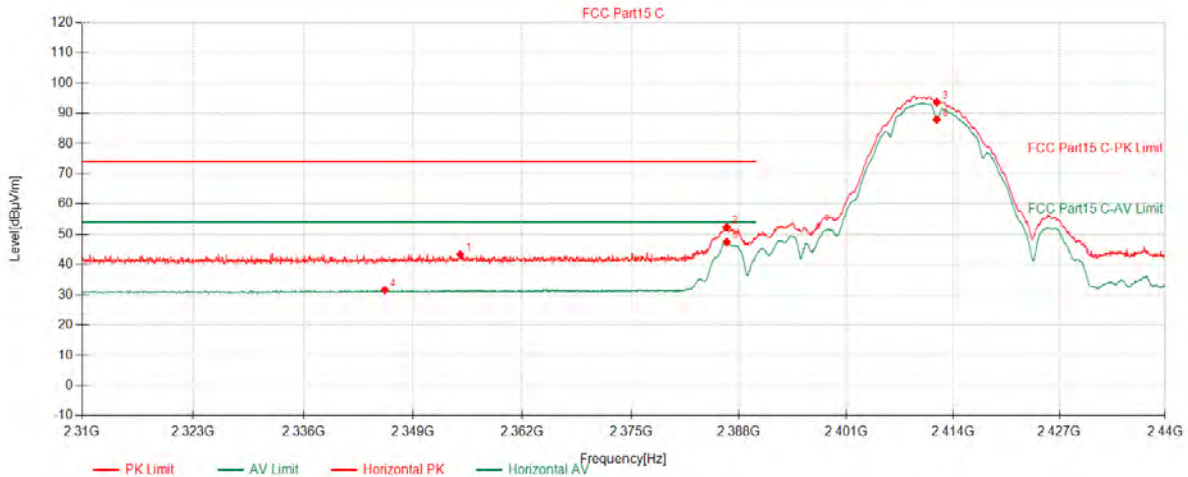
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## Restricted bands around fundamental frequency

### 802.11b\_Channel 01



#### Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2354.59	40.30	3.08	43.38	74.00	30.62	306	264	Horizontal
2	2386.5267	49.22	3.07	52.29	74.00	21.71	306	264	Horizontal
3	2412	90.48	3.15	93.63	73.90	-19.73	306	264	Horizontal
4	2345.62	28.49	3.09	31.58	54.00	22.42	306	264	Horizontal
5	2386.5267	44.36	3.07	47.43	54.00	6.57	306	264	Horizontal
6	2412	84.76	3.15	87.91	53.93	-33.98	306	264	Horizontal



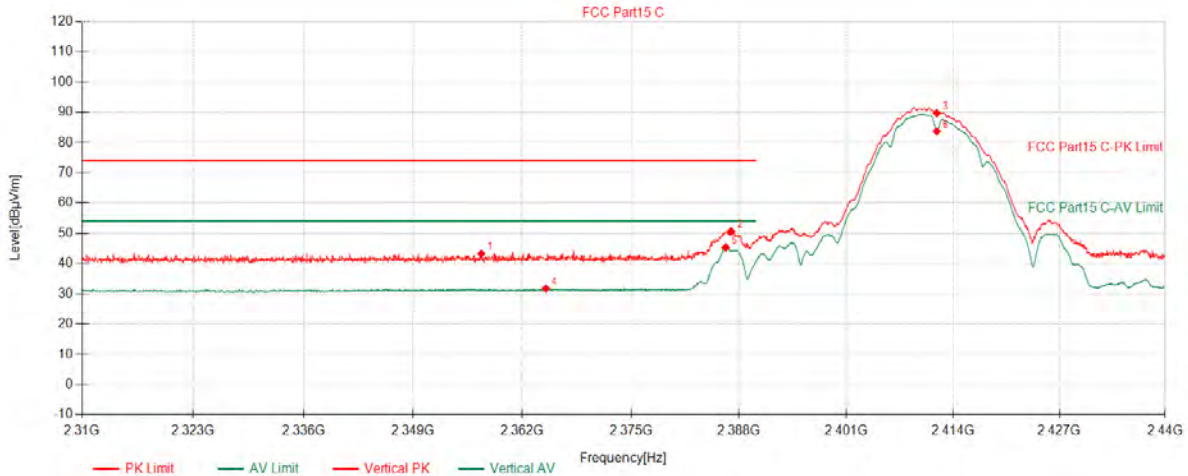
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802.11b\_Channel 01



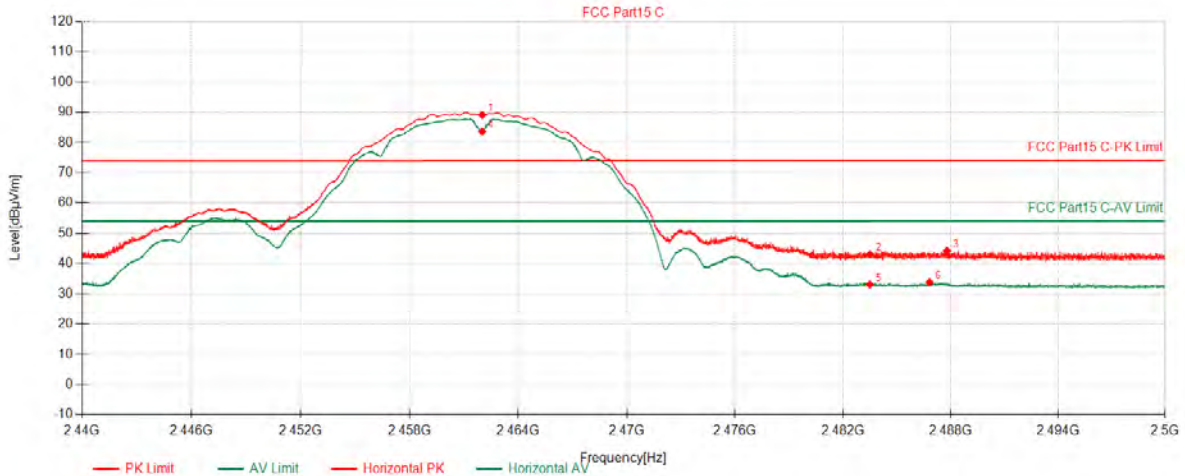
Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2357.1033	40.18	3.08	43.26	74.00	30.74	354	55	Vertical
2	2387.0467	47.64	3.07	50.71	74.00	23.29	354	55	Vertical
3	2412	86.55	3.15	89.70	73.90	-15.80	354	55	Vertical
4	2364.8167	28.65	3.08	31.73	54.00	22.27	354	55	Vertical
5	2386.3967	42.31	3.07	45.38	54.00	8.62	354	55	Vertical
6	2412	80.56	3.15	83.71	53.93	-29.78	354	55	Vertical



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802.11b\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	85.66	3.46	89.12	73.97	-15.15	225	90	Horizontal
2	2483.5	39.44	3.60	43.04	74.00	30.96	225	90	Horizontal
3	2487.805	40.61	3.62	44.23	74.00	29.77	225	90	Horizontal
4	2462	80.14	3.46	83.60	53.98	-29.62	225	90	Horizontal
5	2483.5	29.46	3.60	33.06	54.00	20.94	225	90	Horizontal
6	2486.83	30.20	3.62	33.82	54.00	20.18	225	90	Horizontal



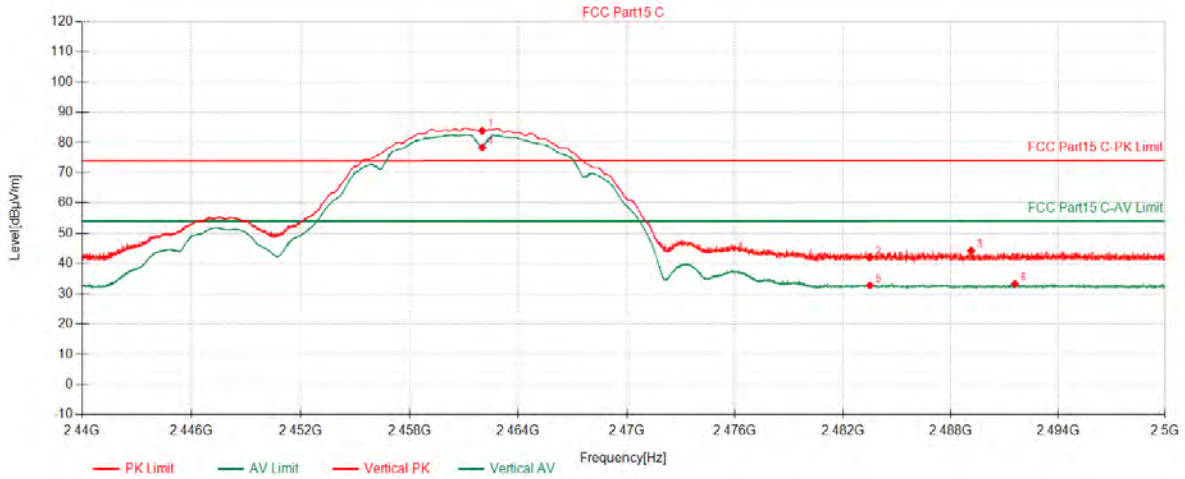
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802.11b\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	80.40	3.46	83.86	73.97	-9.89	103	75	Vertical
2	2483.5	38.40	3.60	42.00	74.00	32.00	103	75	Vertical
3	2489.1475	40.62	3.63	44.25	74.00	29.75	103	75	Vertical
4	2462	74.89	3.46	78.35	53.98	-24.37	103	75	Vertical
5	2483.5	29.15	3.60	32.75	54.00	21.25	103	75	Vertical
6	2491.5925	29.62	3.65	33.27	54.00	20.73	103	75	Vertical

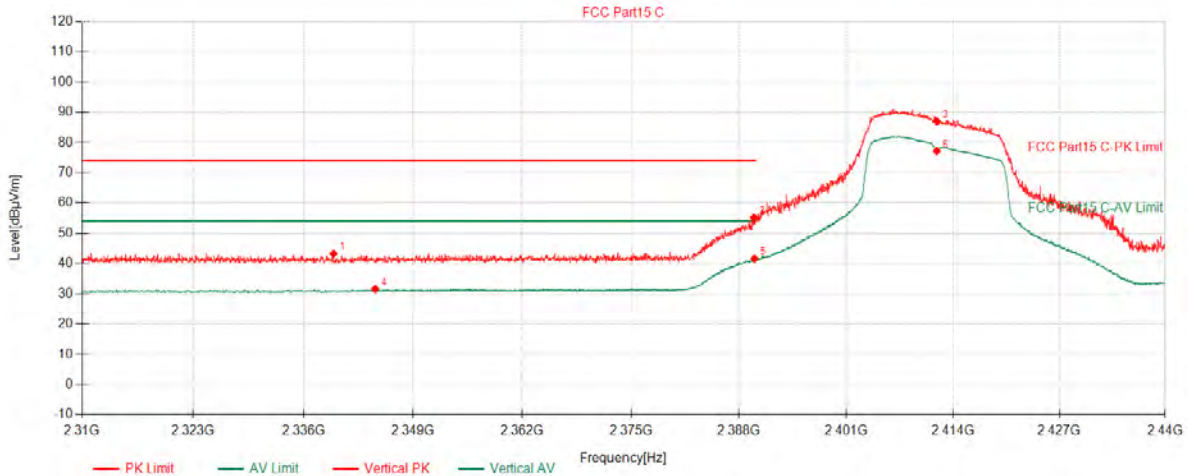


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802.11g\_Channel 01



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2339.5533	40.17	3.09	43.26	74.00	30.74	361	78	Vertical
2	2389.7767	52.10	3.07	55.17	74.00	18.83	361	78	Vertical
3	2412	83.87	3.15	87.02	73.90	-13.12	361	78	Vertical
4	2344.4933	28.51	3.09	31.60	54.00	22.40	361	78	Vertical
5	2389.8633	38.56	3.07	41.63	54.00	12.37	361	78	Vertical
6	2412	74.01	3.15	77.16	53.93	-23.23	361	78	Vertical

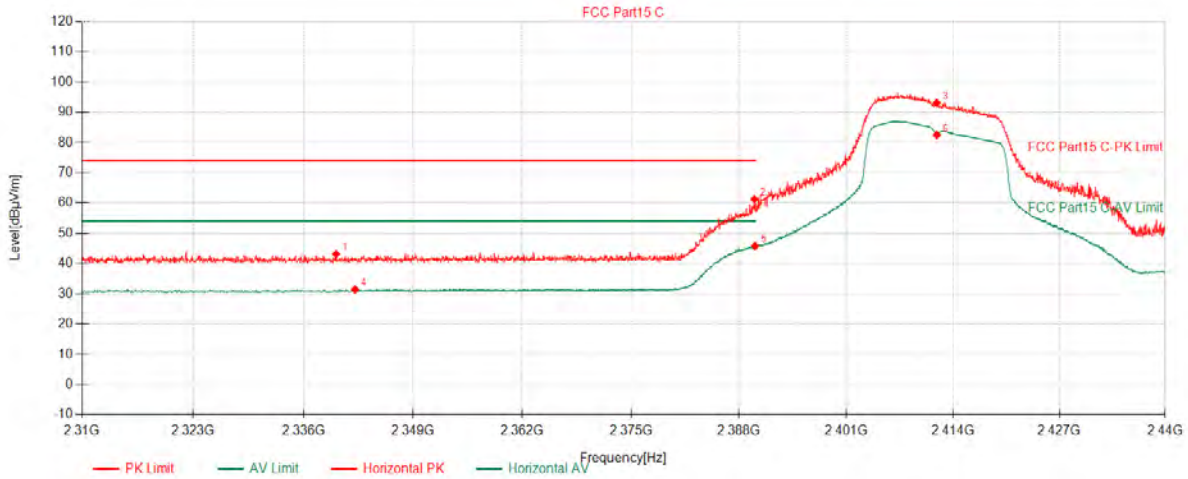


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Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2339.8567	40.02	3.09	43.11	74.00	30.89	306	84	Horizontal
2	2389.8633	58.18	3.07	61.25	74.00	12.75	306	84	Horizontal
3	2412	89.91	3.15	93.06	73.90	-19.16	306	84	Horizontal
4	2342.11	28.33	3.09	31.42	54.00	22.58	306	84	Horizontal
5	2389.95	42.73	3.07	45.80	54.00	8.20	306	84	Horizontal
6	2412	79.31	3.15	82.46	53.93	-28.53	306	84	Horizontal

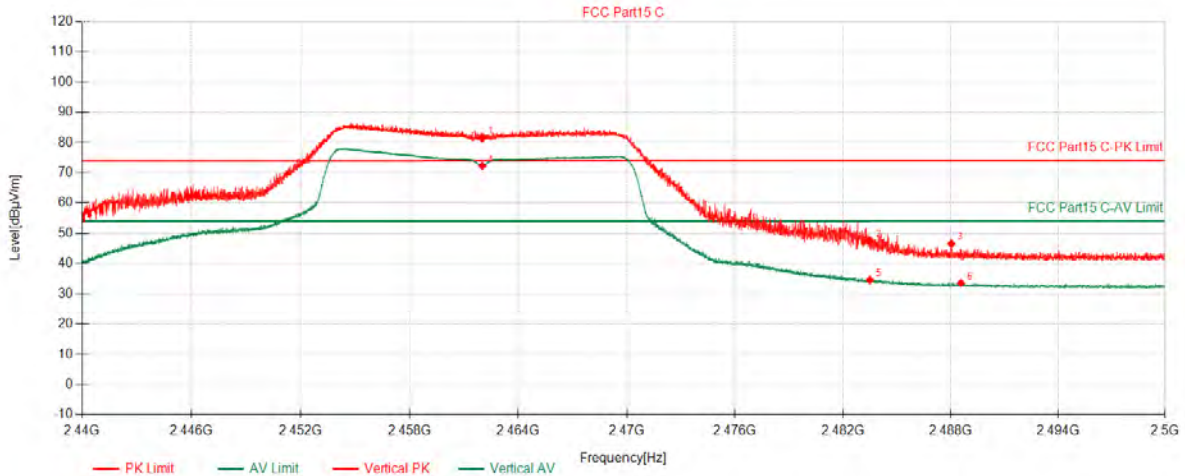


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802.11g\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	77.94	3.46	81.40	73.97	-7.43	389	80	Vertical
2	2483.5	43.96	3.60	47.56	74.00	26.44	389	80	Vertical
3	2488.045	42.92	3.62	46.54	74.00	27.46	389	80	Vertical
4	2462	68.81	3.46	72.27	53.98	-18.29	389	80	Vertical
5	2483.5	30.97	3.60	34.57	54.00	19.43	389	80	Vertical
6	2488.5775	29.94	3.63	33.57	54.00	20.43	389	80	Vertical

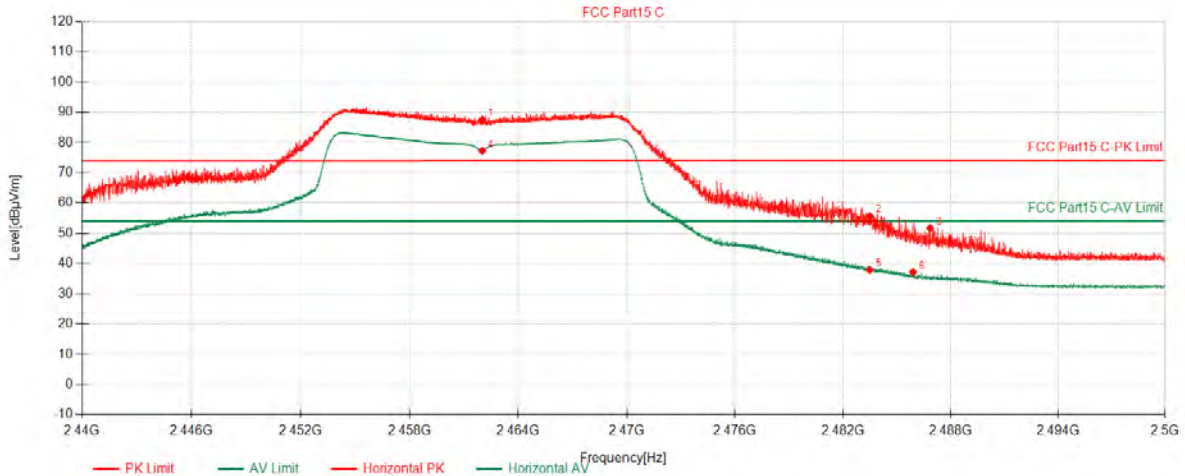


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802.11g\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	83.96	3.46	87.42	73.97	-13.45	340	90	Horizontal
2	2483.5	52.06	3.60	55.66	74.00	18.34	340	90	Horizontal
3	2486.86	48.10	3.62	51.72	74.00	22.28	340	90	Horizontal
4	2462	73.76	3.46	77.22	53.98	-23.24	340	90	Horizontal
5	2483.5	34.28	3.60	37.88	54.00	16.12	340	90	Horizontal
6	2485.9075	33.53	3.61	37.14	54.00	16.86	340	90	Horizontal



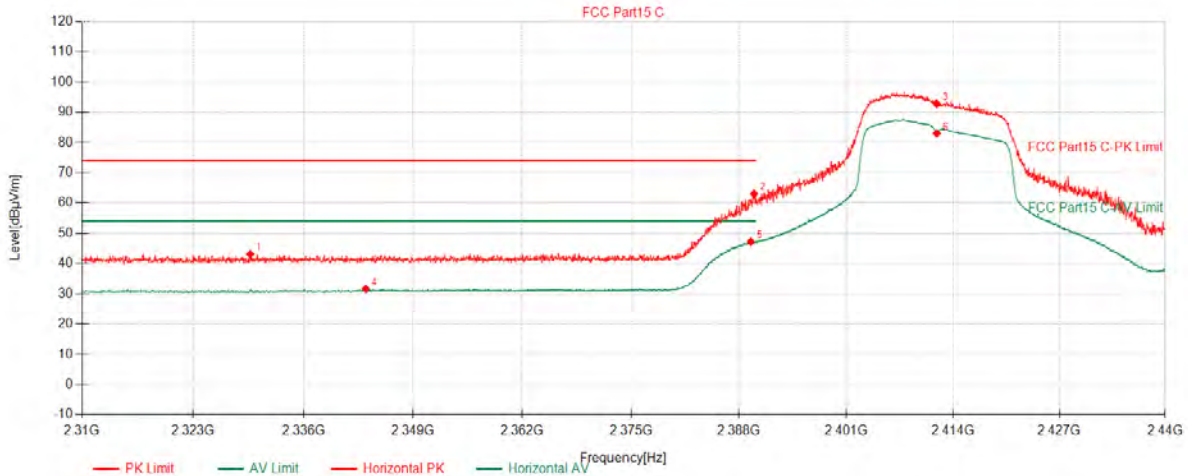
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Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2329.7167	39.99	3.09	43.08	74.00	30.92	310	92	Horizontal
2	2389.82	59.96	3.07	63.03	74.00	10.97	310	92	Horizontal
3	2412	89.64	3.15	92.79	73.90	-18.89	310	92	Horizontal
4	2343.3667	28.53	3.09	31.62	54.00	22.38	310	92	Horizontal
5	2389.43	44.15	3.07	47.22	54.00	6.78	310	92	Horizontal
6	2412	79.83	3.15	82.98	53.93	-29.05	310	92	Horizontal

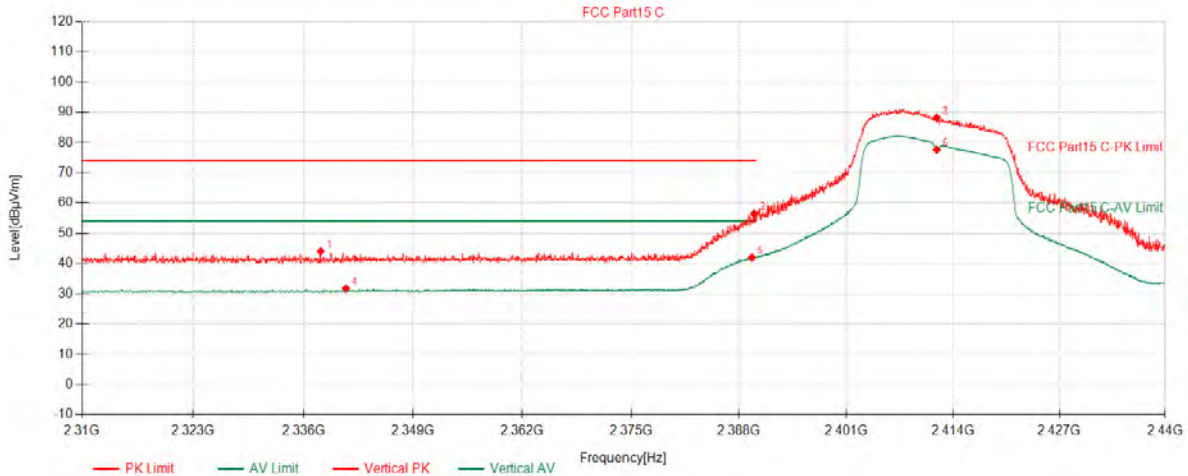


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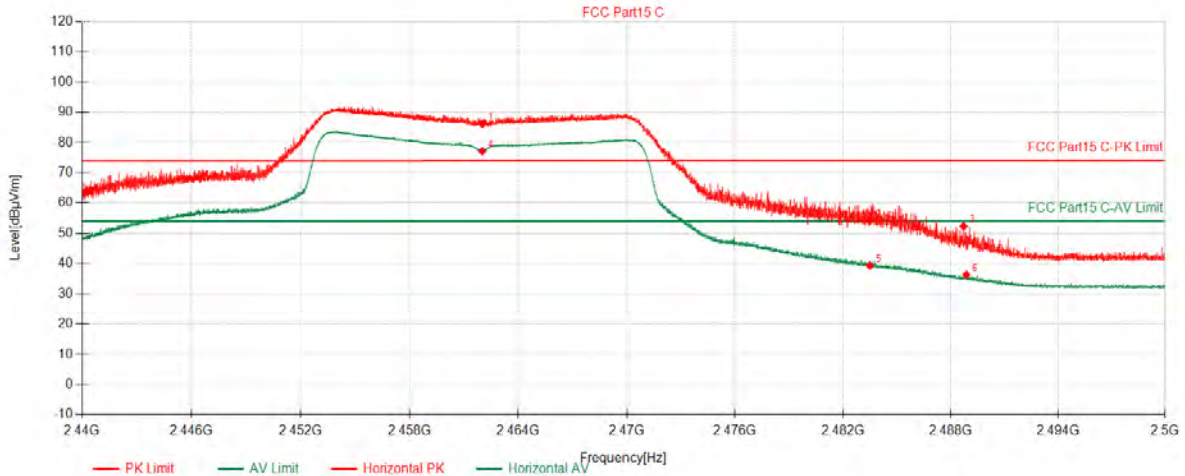
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NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2338.0367	40.94	3.09	44.03	74.00	29.97	363	76	Vertical
2	2389.82	53.42	3.07	56.49	74.00	17.51	363	76	Vertical
3	2412	85.02	3.15	88.17	73.90	-14.27	363	76	Vertical
4	2341.0267	28.64	3.09	31.73	54.00	22.27	363	76	Vertical
5	2389.56	38.87	3.07	41.94	54.00	12.06	363	76	Vertical
6	2412	74.47	3.15	77.62	53.93	-23.69	363	76	Vertical



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802.11n20\_Channel 11



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	82.68	3.46	86.14	73.97	-12.17	341	89	Horizontal
2	2483.5	50.44	3.60	54.04	74.00	19.96	341	89	Horizontal
3	2488.7275	48.69	3.63	52.32	74.00	21.68	341	89	Horizontal
4	2462	73.65	3.46	77.11	53.98	-23.13	341	89	Horizontal
5	2483.5	35.74	3.60	39.34	54.00	14.66	341	89	Horizontal
6	2488.885	32.64	3.63	36.27	54.00	17.73	341	89	Horizontal



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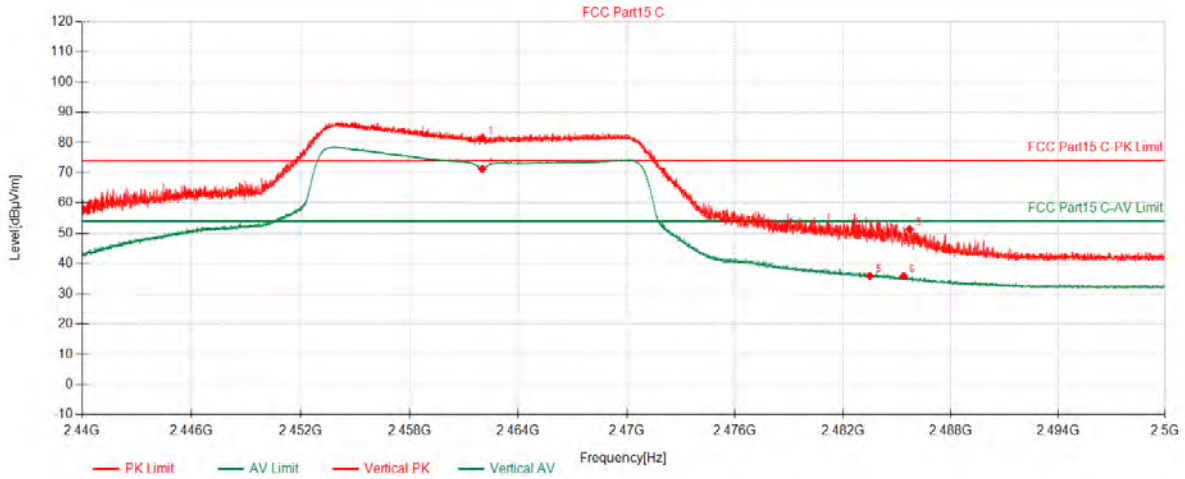
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Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462	78.01	3.46	81.47	73.97	-7.50	107	80	Vertical
2	2483.5	45.94	3.60	49.54	74.00	24.46	107	80	Vertical
3	2485.7125	47.71	3.61	51.32	74.00	22.68	107	80	Vertical
4	2462	67.75	3.46	71.21	53.98	-17.23	107	80	Vertical
5	2483.5	32.26	3.60	35.86	54.00	18.14	107	80	Vertical
6	2485.3825	32.21	3.61	35.82	54.00	18.18	107	80	Vertical

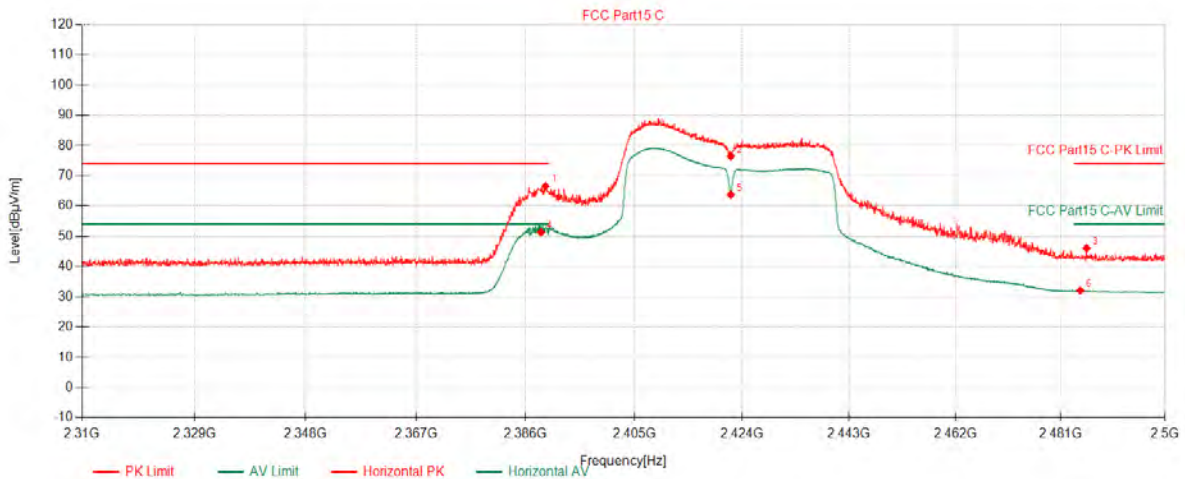


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802.11n40\_Channel 03



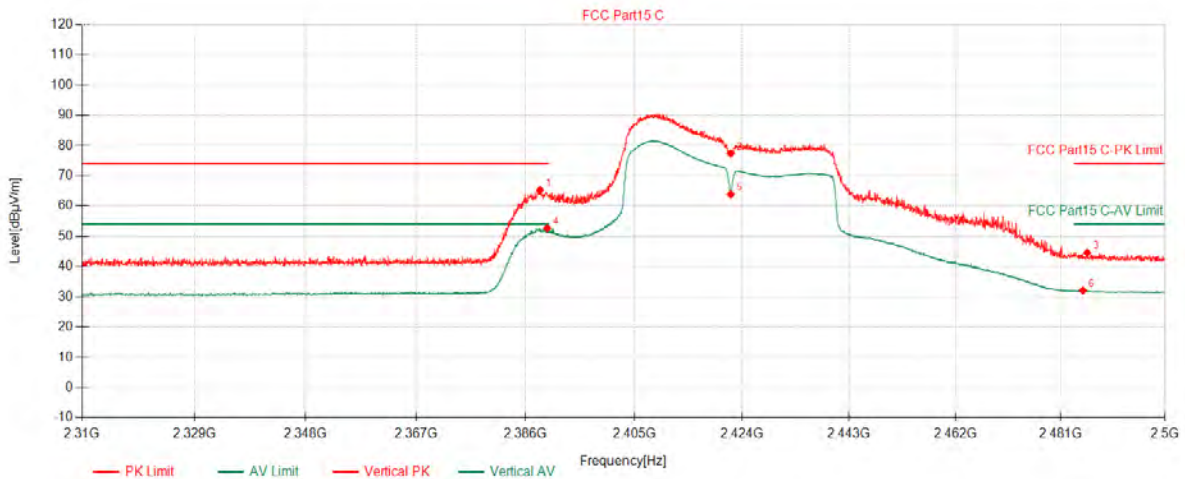
Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.4733	63.54	3.07	66.61	74.00	7.39	305	86	Horizontal
2	2422	73.22	3.21	76.43	73.91	-2.52	305	86	Horizontal
3	2485.72	42.50	3.61	46.11	74.00	27.89	305	86	Horizontal
4	2388.6933	48.24	3.07	51.31	54.00	2.69	305	86	Horizontal
5	2422	60.52	3.21	63.73	53.94	-9.79	305	86	Horizontal
6	2484.58	28.46	3.60	32.06	54.00	21.94	305	86	Horizontal



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802.11n40\_Channel 03



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.52	62.20	3.07	65.27	74.00	8.73	312	225	Vertical
2	2422	74.15	3.21	77.36	73.91	-3.45	312	225	Vertical
3	2485.84	40.99	3.61	44.60	74.00	29.40	312	225	Vertical
4	2389.7767	49.60	3.07	52.67	54.00	1.33	312	225	Vertical
5	2422	60.64	3.21	63.85	53.94	-9.91	312	225	Vertical
6	2485.06	28.48	3.61	32.09	54.00	21.91	312	225	Vertical

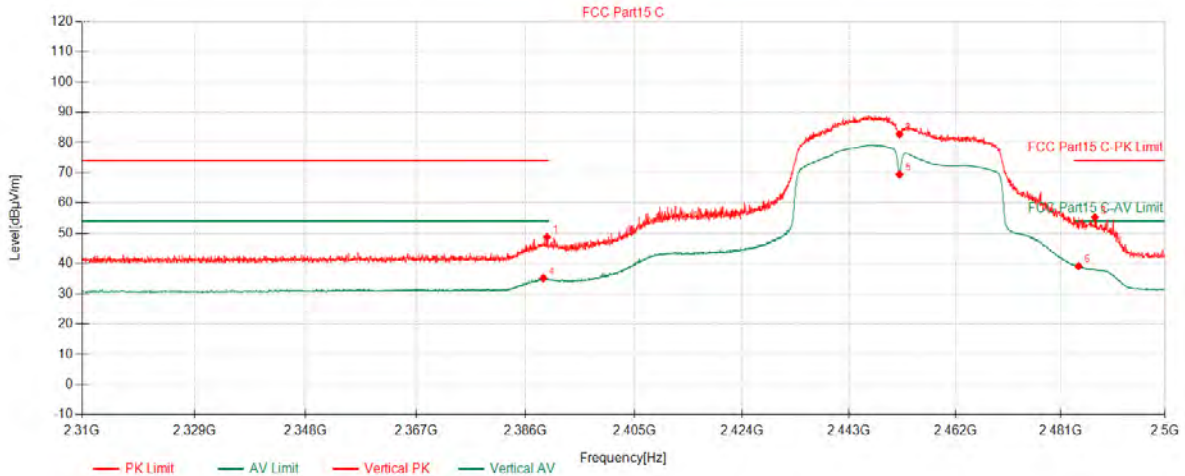


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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

802.11n40\_Channel 09



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.7333	45.70	3.07	48.77	74.00	25.23	342	240	Vertical
2	2452	79.30	3.40	82.70	73.96	-8.74	342	240	Vertical
3	2487.22	51.66	3.62	55.28	74.00	18.72	342	240	Vertical
4	2389.0833	32.14	3.07	35.21	54.00	18.79	342	240	Vertical
5	2452	66.03	3.40	69.43	53.97	-15.46	342	240	Vertical
6	2484.28	35.53	3.60	39.13	54.00	14.87	342	240	Vertical

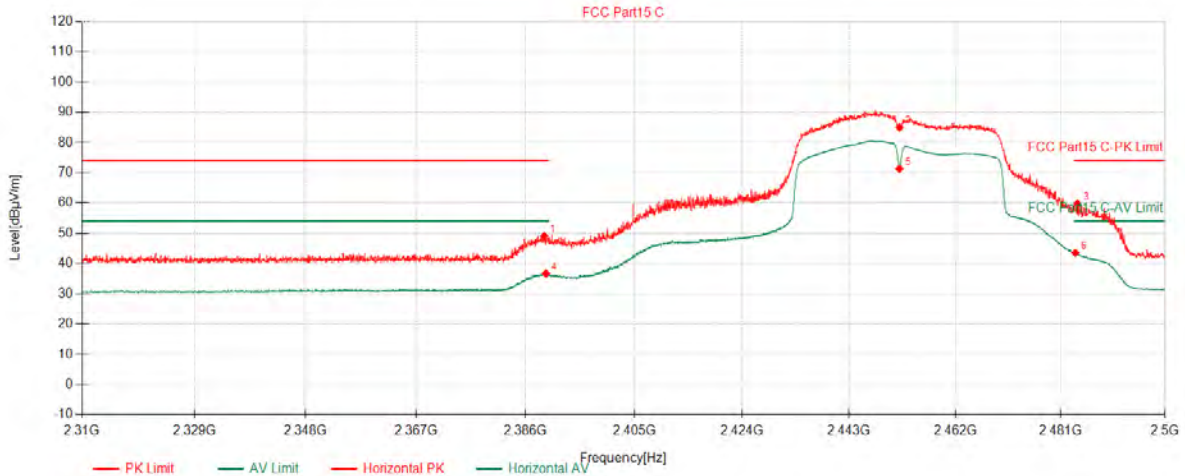


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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com

802.11n40\_Channel 09



Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.2567	46.07	3.07	49.14	74.00	24.86	333	270	Horizontal
2	2452	81.57	3.40	84.97	73.96	-11.01	333	270	Horizontal
3	2484.04	56.11	3.60	59.71	74.00	14.29	333	270	Horizontal
4	2389.56	33.58	3.07	36.65	54.00	17.35	333	270	Horizontal
5	2452	67.92	3.40	71.32	53.97	-17.35	333	270	Horizontal
6	2483.68	39.93	3.60	43.53	54.00	10.47	333	270	Horizontal

The End



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