

Report No.: SUHR/2022/1001103

Rev.: 01

Page: 1 of 39

TEST REPORT

Application No.: HR/2022/10011
Applicant: HONOR Device Co., Ltd.
Address of Applicant: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Manufacturer: HONOR Device Co., Ltd.
Address of Manufacturer: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
EUT Description: Smart Phone
Model No.: ANY-NX1
Trade Mark: HONOR
FCC ID: 2AYGCANY-NX1
Standards: 47 CFR FCC Part 2, Subpart J
 47 CFR Part 15, Subpart C
Date of Receipt: 2022/2/10
Date of Test: 2022/2/25 to 2022/3/18
Date of Issue: 2022/3/21

Test Result :	PASS *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

Pantu Sun
Wireless Laboratory Manager


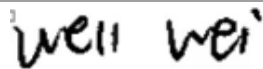


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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2022/3/21		Original

Prepared By	 <hr/> (Weller Liu) / Test Supervisor
Checked By	 <hr/> (Well Wei) / Reviewer



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2 Test Summary

Test Item	FCC Rules No.	Test Method	Test Result	Result
Radiated Spurious Emissions	15.205/15.209	ANSI C63.10 2013	Clause 4.1	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.205/15.209	ANSI C63.10 2013	Clause 4.2	PASS



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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3 General Information

3.1 Details of Client

Applicant:	HONOR Device Co., Ltd.
Address of Applicant:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China
Manufacturer:	HONOR Device Co., Ltd.
Address of Manufacturer:	Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, 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

3.3 Test Facility

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

<ul style="list-style-type: none"> • 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: 717327
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3.4 General Description of EUT

EUT Description:	Smart Phone
Model No.:	ANY-NX1
Trade Mark:	HONOR
Hardware Version:	HN3ANYM
Software Version:	4.2.0.42(C900E42R1P3)
Operation Frequency:	2400MHz~2483.5MHz $f_c = 2402 \text{ MHz} + N * 2 \text{ MHz}$, where: - f_c = "Operating Frequency" in MHz, -N = "Channel Number" with the range from 0 to 39.
Bluetooth version:	Bluetooth V5.1
Modulation Type:	GFSK
Number of Channel:	40
Rates Type:	<input checked="" type="checkbox"/> Provided by applicant 1M PHY 2M PHY
Sample Type:	<input checked="" type="checkbox"/> Portable Device, <input type="checkbox"/> Module
Antenna Type:	<input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated
Antenna Gain*:	<input checked="" type="checkbox"/> Provided by applicant -1.2dBi
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Operation Frequency of each channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

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
The Lowest channel(CH0)	2402MHz
The Middle channel(CH19)	2440MHz
The Highest channel(CH39)	2480MHz



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3.5 Test Environment

Environment Parameter	101kPa Selected Values During Tests	
Relative Humidity	44-46 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22~23	3.87
Remark: NV: Normal Voltage NT: Normal Temperature		

3.6 Description of Support Units

Manufacturer	Description	Model
Qualcomm	Test Software	QRCT4

Remark:all above the information of table are provided by client.



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4 Test results and Measurement Data

4.1 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)				
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.					

Test Setup:

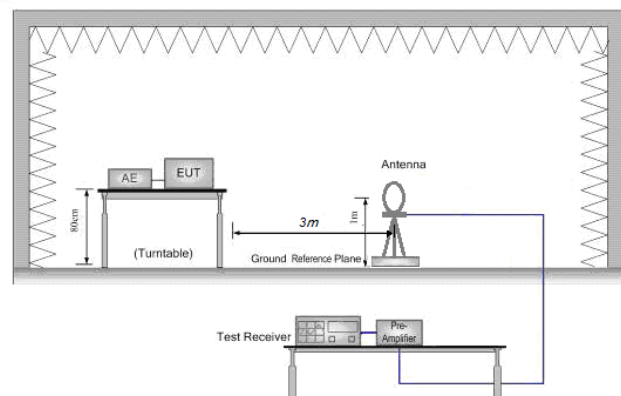


Figure 1. Below 30MHz

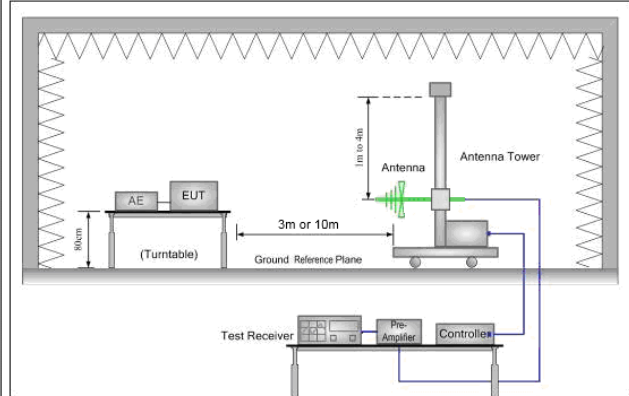


Figure 2. 30MHz to 1GHz



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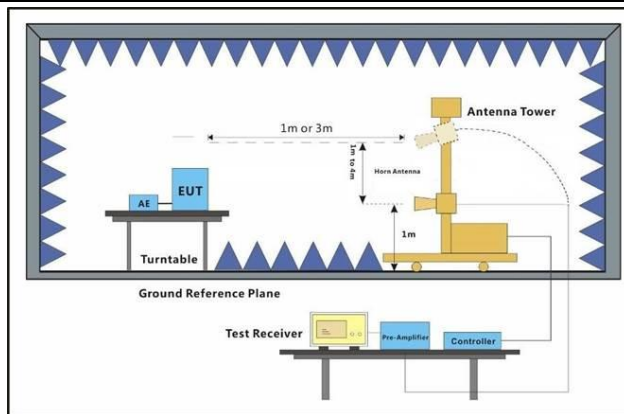


Figure 3. Above 1 GHz

<p>Test Procedure:</p>	<ol style="list-style-type: none"> For below 1GHz(9KHz start), 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. For above 1GHz(10th harmonic stop), 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 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. 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. 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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 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. Test the EUT in the lowest channel, the middle channel ,the Highest channel. 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. Repeat above procedures until all frequencies measured was complete. The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported The disturbance above 18GHz was very low, and the harmonics were the highest point could be found when testing, so only the harmonics had been displayed.
<p>Test Configuration:</p>	<p>Measurements Below 1000MHz</p> <ul style="list-style-type: none"> RBW = 120 kHz VBW = 300 kHz



	<ul style="list-style-type: none"> • Detector = Peak • Trace mode = max hold <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW ≥ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • 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. <p>Value = Reading + Factor(Antenna Factor + Cable loss – Preamplifier Factor).</p>
Exploratory Test Mode:	Transmitting with GFSK modulation. Charge + Transmitting mode.
Final Test Mode:	Transmitting with GFSK modulation. Pretest the EUT at Charge + Transmitting mode, For below 1GHz part, through pre-scan.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: Appendix	



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4.2 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:			

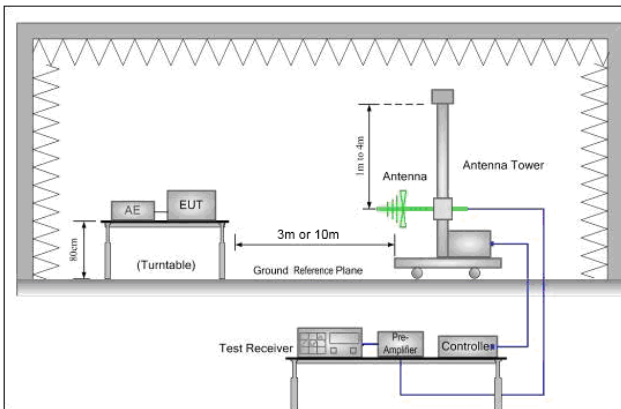


Figure 1. 30MHz to 1GHz

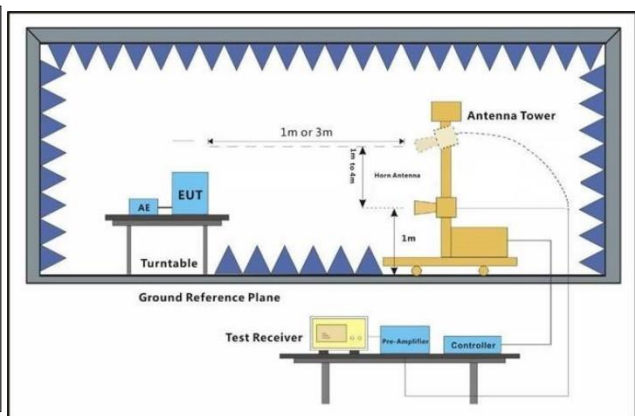


Figure 2. Above 1 GHz

Test Procedure:	<ol style="list-style-type: none"> 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. 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. 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. 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. 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. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Place a marker at the end of the restricted band closest to the transmit
-----------------	---



	<p>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</p> <p>h. Test the EUT in the lowest 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"> • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW ≥ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • 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. <p>Value = Reading + Factor(Antenna Factor + Cable loss).</p>
Exploratory Test Mode:	<p>Transmitting with GFSK modulation.</p> <p>Charge + Transmitting mode.</p>
Final Test Mode:	<p>Transmitting with GFSK modulation.</p> <p>Pretest the EUT at Charge + Transmitting mode.</p> <p>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: Appendix	



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

No.	Item	Measurement Uncertainty
1	Radiated Emission	± 3.13dB (9k -30MHz)
		± 4.8dB (30M -1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.80dB (Above 18GHz)



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 Wireless Laboratory

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6 Equipment List

RSE Test Equipment					
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	2022/2/16	2023/2/15
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2021/5/28	2022/5/27
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/2/16	2023/2/15
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	2022/2/16	2023/2/15
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2022/2/16	2023/2/15
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2022/2/16	2023/2/15
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/6/10	2022/6/9



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7 Photographs - Setup Photos

Refer to Appendix A Setup Photos.



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Appendix



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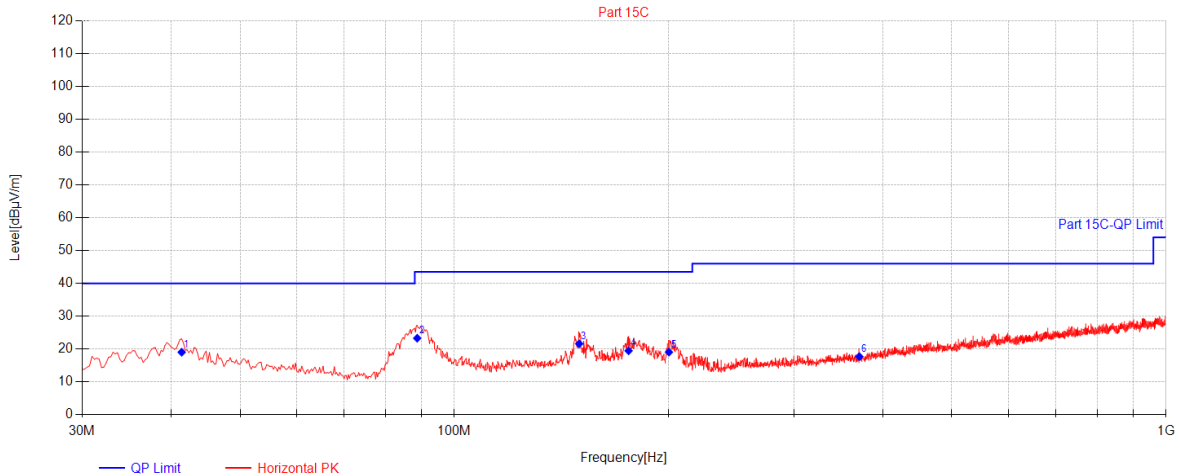
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: BLE 1M _ Channel 39

BLE 1M_Channel 39 WORSE



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.3975	41.29	-22.30	18.99	40.00	21.01	201	151	Horizontal
2	88.685	50.16	-26.90	23.26	43.50	20.24	235	160	Horizontal
3	149.795	42.99	-21.42	21.57	43.50	21.93	209	259	Horizontal
4	175.7425	40.05	-20.63	19.42	43.50	24.08	174	110	Horizontal
5	200.235	44.27	-25.25	19.02	43.50	24.48	185	130	Horizontal
6	370.7125	37.58	-19.92	17.66	46.00	28.34	196	130	Horizontal



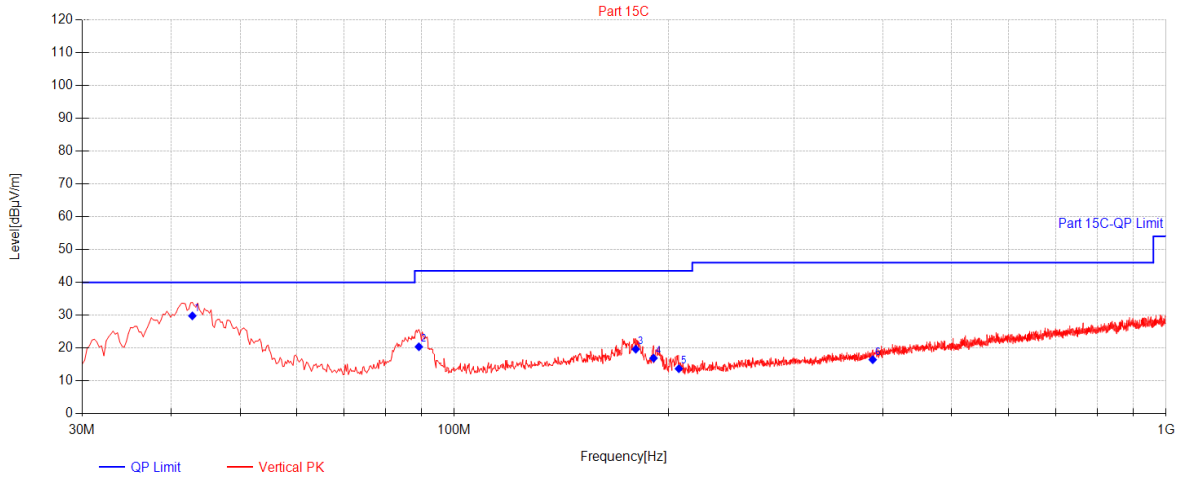
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BLE 1M_Channel 39 WORSE



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.8525	52.18	-22.40	29.78	40.00	10.22	194	200	Vertical
2	89.17	47.29	-26.94	20.35	43.50	23.15	170	118	Vertical
3	179.865	40.17	-20.55	19.62	43.50	23.88	235	28	Vertical
4	190.535	40.12	-23.24	16.88	43.50	26.62	162	299	Vertical
5	206.7825	38.59	-24.93	13.66	43.50	29.84	142	68	Vertical
6	387.2025	35.33	-18.92	16.41	46.00	29.59	138	181	Vertical



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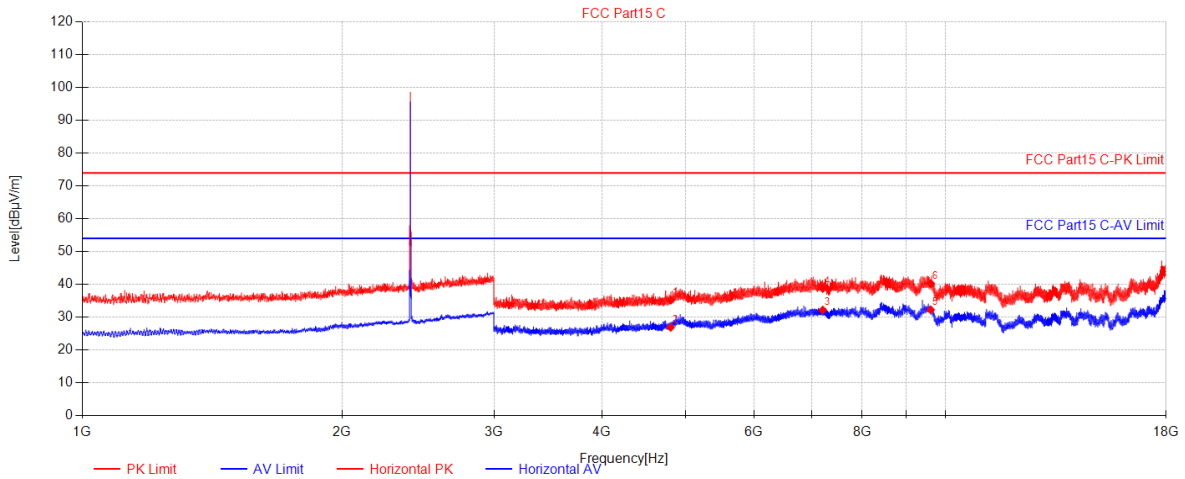
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Transmitter emission above 1GHz

802.BLE 1M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.0000	48.40	-13.21	35.19	74.00	38.81	169	330	Horizontal
2	4804.0000	40.07	-13.21	26.86	54.00	27.14	170	176	Horizontal
3	7206.0000	39.02	-6.84	32.18	54.00	21.82	199	99	Horizontal
4	7206.0000	45.56	-6.84	38.72	74.00	35.28	142	349	Horizontal
5	9608.0000	33.47	-1.22	32.25	54.00	21.75	235	4	Horizontal
6	9608.0000	41.51	-1.22	40.29	74.00	33.71	188	176	Horizontal



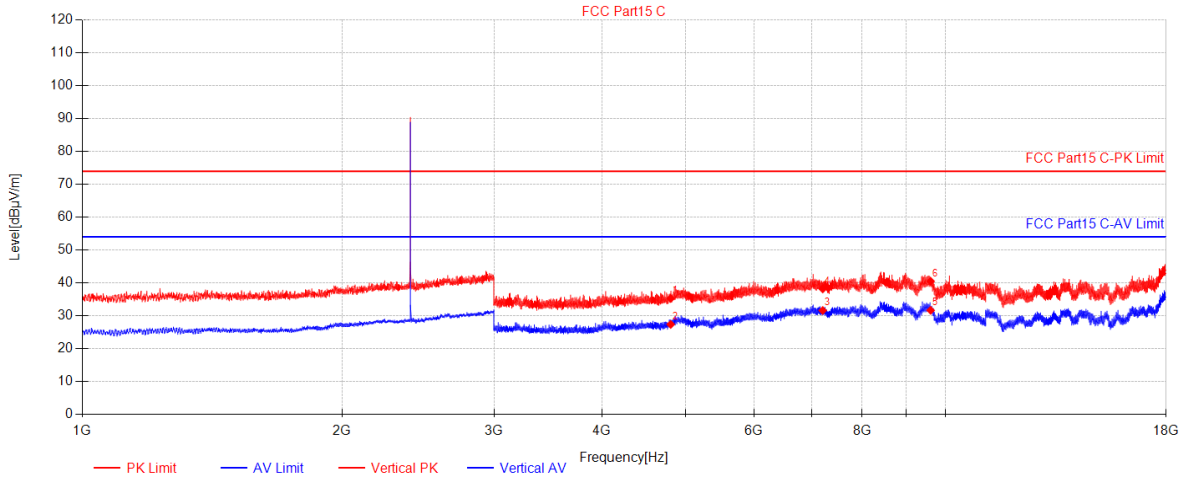
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802.BLE 1M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.0000	48.48	-13.21	35.27	74.00	38.73	175	326	Vertical
2	4804.0000	40.57	-13.21	27.36	54.00	26.64	155	251	Vertical
3	7206.0000	38.45	-6.84	31.61	54.00	22.39	102	266	Vertical
4	7206.0000	45.00	-6.84	38.16	74.00	35.84	186	251	Vertical
5	9608.0000	32.87	-1.22	31.65	54.00	22.35	138	227	Vertical
6	9608.0000	41.71	-1.22	40.49	74.00	33.51	149	144	Vertical

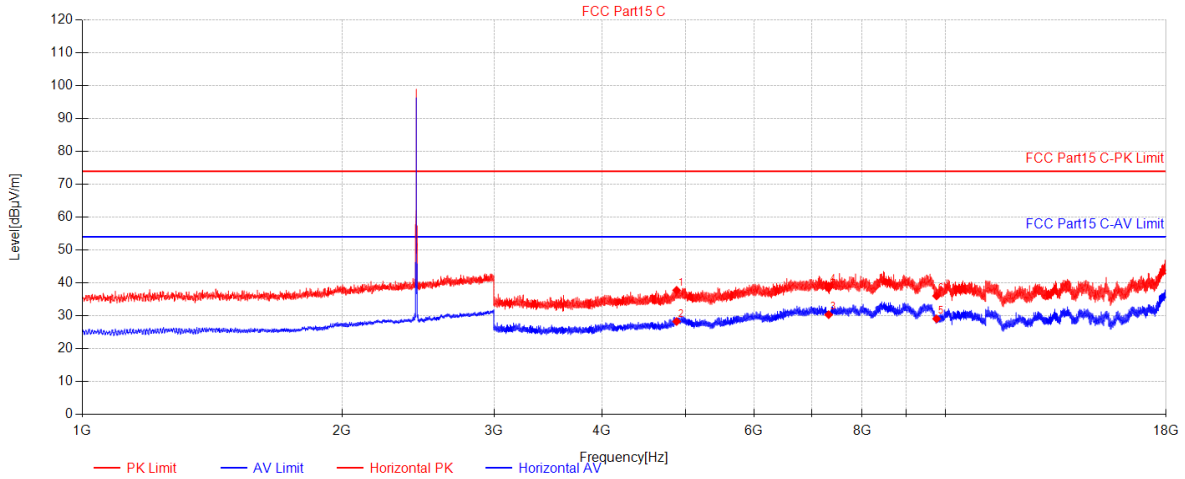


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802.BLE 1M_Channel 19



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4880.0000	50.73	-12.99	37.74	74.00	36.26	144	175	Horizontal
2	4880.0000	41.24	-12.99	28.25	54.00	25.75	199	123	Horizontal
3	7320.0000	37.48	-7.15	30.33	54.00	23.67	254	301	Horizontal
4	7320.0000	46.19	-7.15	39.04	74.00	34.96	185	155	Horizontal
5	9760.0000	30.27	-1.20	29.07	54.00	24.93	163	73	Horizontal
6	9760.0000	37.23	-1.20	36.03	74.00	37.97	172	198	Horizontal

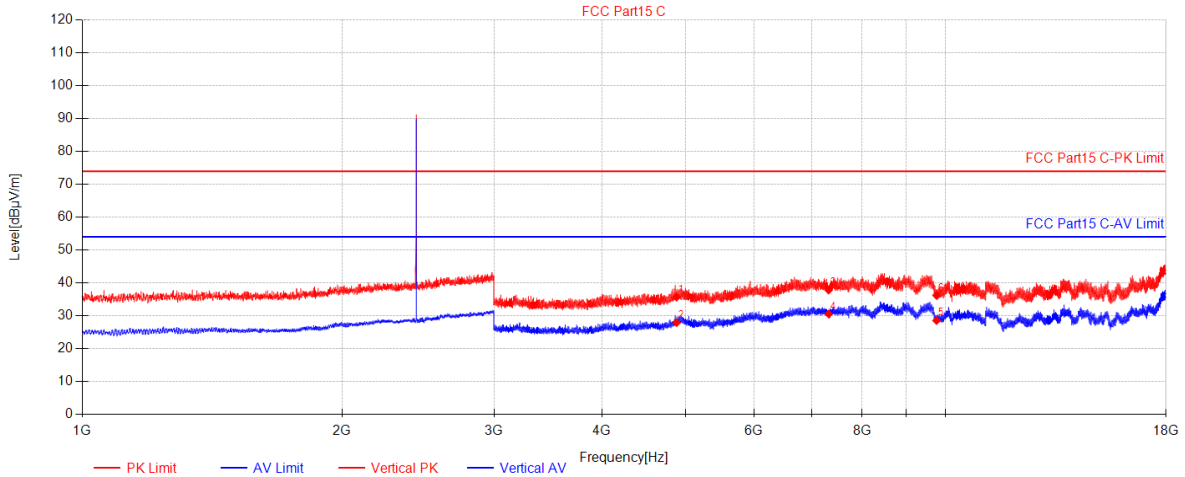


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802.BLE 1M_Channel 19



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4880.0000	48.65	-12.99	35.66	74.00	38.34	188	4	Vertical
2	4880.0000	40.91	-12.99	27.92	54.00	26.08	135	277	Vertical
3	7320.0000	44.96	-7.15	37.81	74.00	36.19	194	49	Vertical
4	7320.0000	37.69	-7.15	30.54	54.00	23.46	266	251	Vertical
5	9760.0000	29.74	-1.20	28.54	54.00	25.46	255	177	Vertical
6	9760.0000	37.39	-1.20	36.19	74.00	37.81	172	49	Vertical

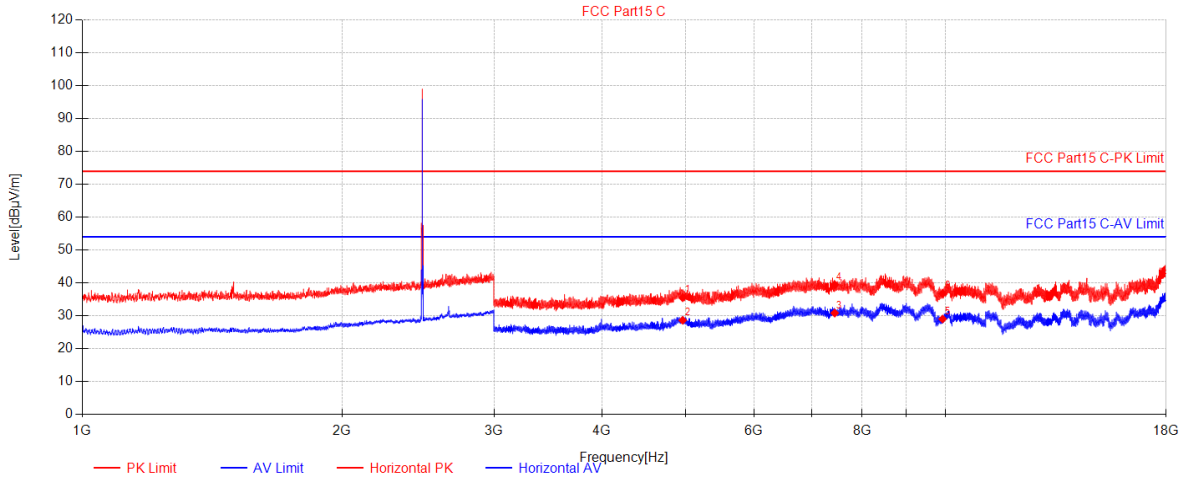


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802.BLE 1M_Channel 39



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4960.0000	48.32	-12.83	35.49	74.00	38.51	174	155	Horizontal
2	4960.0000	41.45	-12.83	28.62	54.00	25.38	299	100	Horizontal
3	7440.0000	37.64	-6.83	30.81	54.00	23.19	233	24	Horizontal
4	7440.0000	46.27	-6.83	39.44	74.00	34.56	255	24	Horizontal
5	9920.0000	29.94	-0.93	29.01	54.00	24.99	183	74	Horizontal
6	9920.0000	37.69	-0.93	36.76	74.00	37.24	194	3	Horizontal



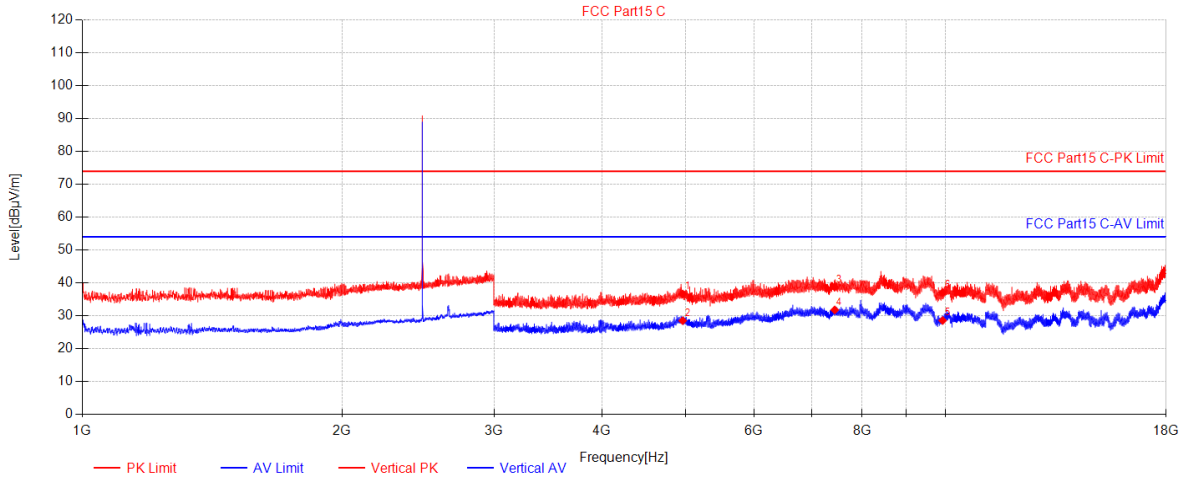
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802.BLE 1M_Channel 39



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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4960.0000	49.44	-12.83	36.61	74.00	37.39	122	52	Vertical
2	4960.0000	41.32	-12.83	28.49	54.00	25.51	190	4	Vertical
3	7440.0000	45.54	-6.83	38.71	74.00	35.29	254	358	Vertical
4	7440.0000	38.60	-6.83	31.77	54.00	22.23	158	102	Vertical
5	9920.0000	29.48	-0.93	28.55	54.00	25.45	234	339	Vertical
6	9920.0000	37.98	-0.93	37.05	74.00	36.95	196	330	Vertical



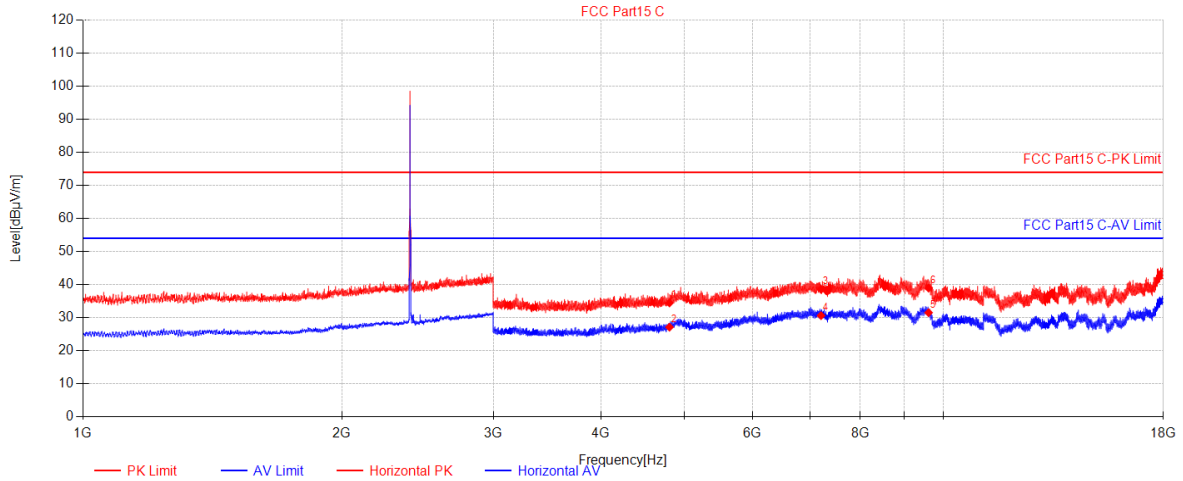
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802.BLE 2M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.0000	47.66	-13.21	34.45	74.00	39.55	129	326	Horizontal
2	4804.0000	40.31	-13.21	27.10	54.00	26.90	194	155	Horizontal
3	7206.0000	45.39	-6.84	38.55	74.00	35.45	194	360	Horizontal
4	7206.0000	37.44	-6.84	30.60	54.00	23.40	258	326	Horizontal
5	9608.0000	32.72	-1.22	31.50	54.00	22.50	236	102	Horizontal
6	9608.0000	40.16	-1.22	38.94	74.00	35.06	172	50	Horizontal



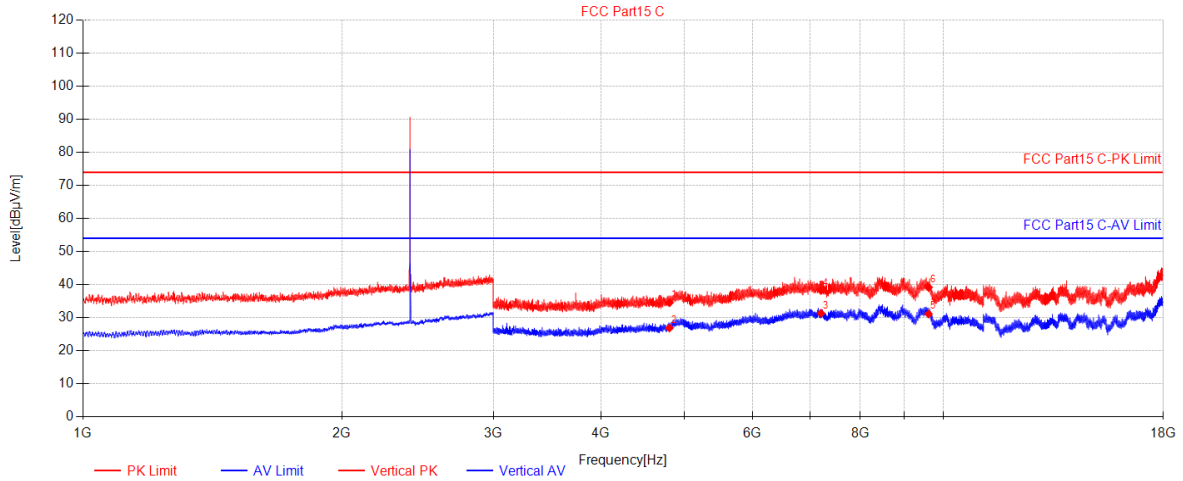
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802.BLE 2M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4804.0000	47.72	-13.21	34.51	74.00	39.49	111	305	Vertical
2	4804.0000	40.07	-13.21	26.86	54.00	27.14	205	177	Vertical
3	7206.0000	38.17	-6.84	31.33	54.00	22.67	237	151	Vertical
4	7206.0000	45.04	-6.84	38.20	74.00	35.80	254	177	Vertical
5	9608.0000	32.32	-1.22	31.10	54.00	22.90	193	203	Vertical
6	9608.0000	40.39	-1.22	39.17	74.00	34.83	184	348	Vertical

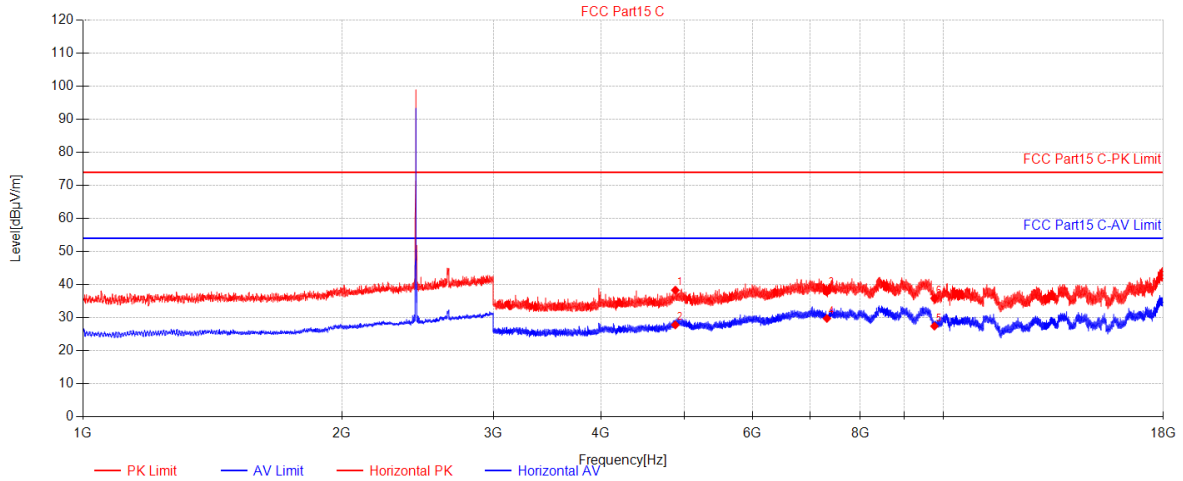


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802.BLE 2M_Channel 19



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4880.0000	51.29	-12.99	38.30	74.00	35.70	145	155	Horizontal
2	4880.0000	40.77	-12.99	27.78	54.00	26.22	187	358	Horizontal
3	7320.0000	45.45	-7.15	38.30	74.00	35.70	194	153	Horizontal
4	7320.0000	36.90	-7.15	29.75	54.00	24.25	135	294	Horizontal
5	9760.0000	28.62	-1.20	27.42	54.00	26.58	258	228	Horizontal
6	9760.0000	37.04	-1.20	35.84	74.00	38.16	266	24	Horizontal

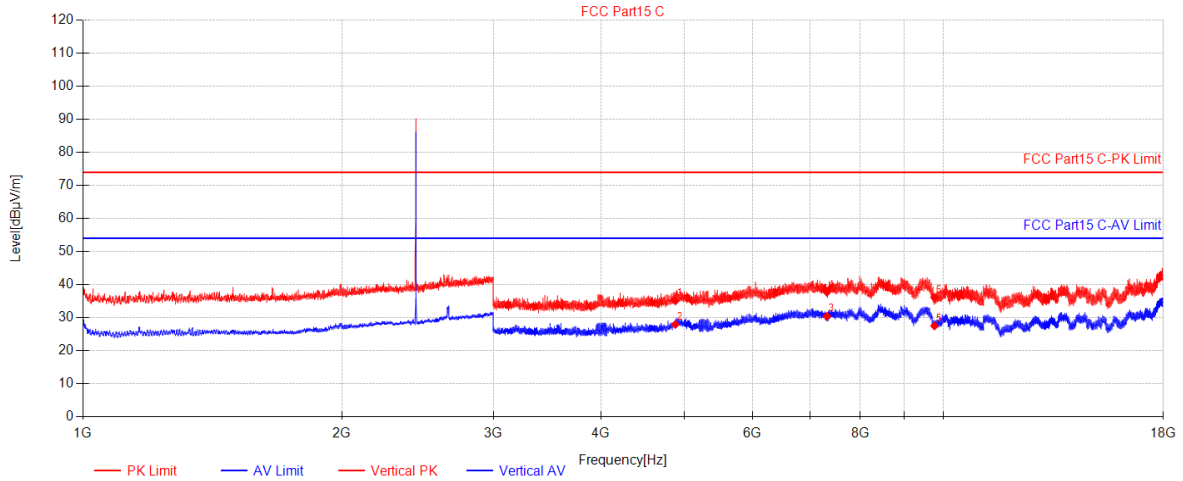


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1	4880.0000	48.06	-12.99	35.07	74.00	38.93	180	252	Vertical
2	4880.0000	40.90	-12.99	27.91	54.00	26.09	223	3	Vertical
3	7320.0000	37.56	-7.15	30.41	54.00	23.59	172	358	Vertical
4	7320.0000	44.87	-7.15	37.72	74.00	36.28	145	201	Vertical
5	9760.0000	28.67	-1.20	27.47	54.00	26.53	194	100	Vertical
6	9760.0000	37.33	-1.20	36.13	74.00	37.87	239	348	Vertical

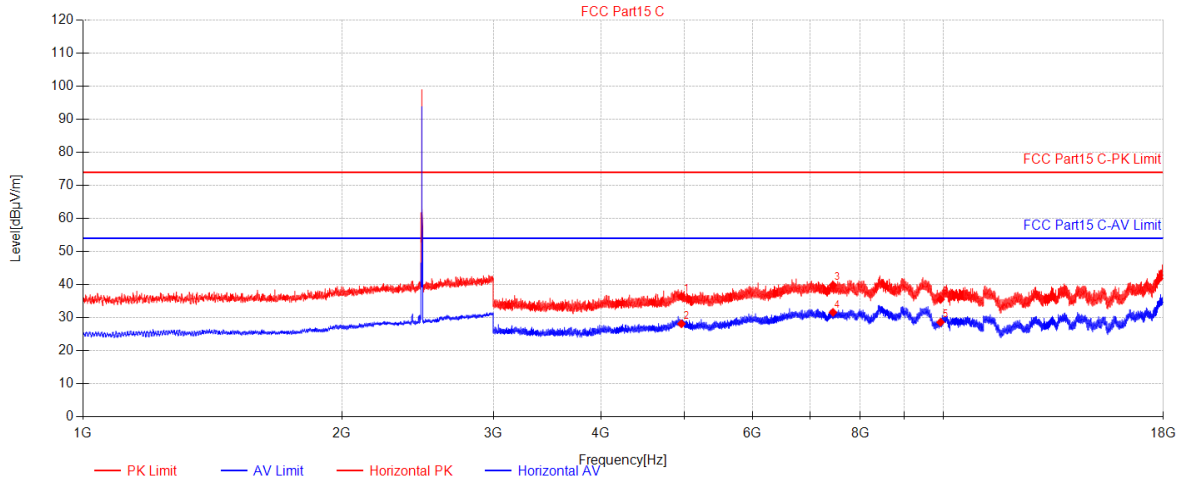


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1	4960.0000	49.25	-12.83	36.42	74.00	37.58	148	355	Horizontal
2	4960.0000	40.96	-12.83	28.13	54.00	25.87	105	359	Horizontal
3	7440.0000	46.65	-6.83	39.82	74.00	34.18	194	155	Horizontal
4	7440.0000	38.42	-6.83	31.59	54.00	22.41	238	294	Horizontal
5	9920.0000	29.52	-0.93	28.59	54.00	25.41	266	244	Horizontal
6	9920.0000	36.42	-0.93	35.49	74.00	38.51	172	218	Horizontal

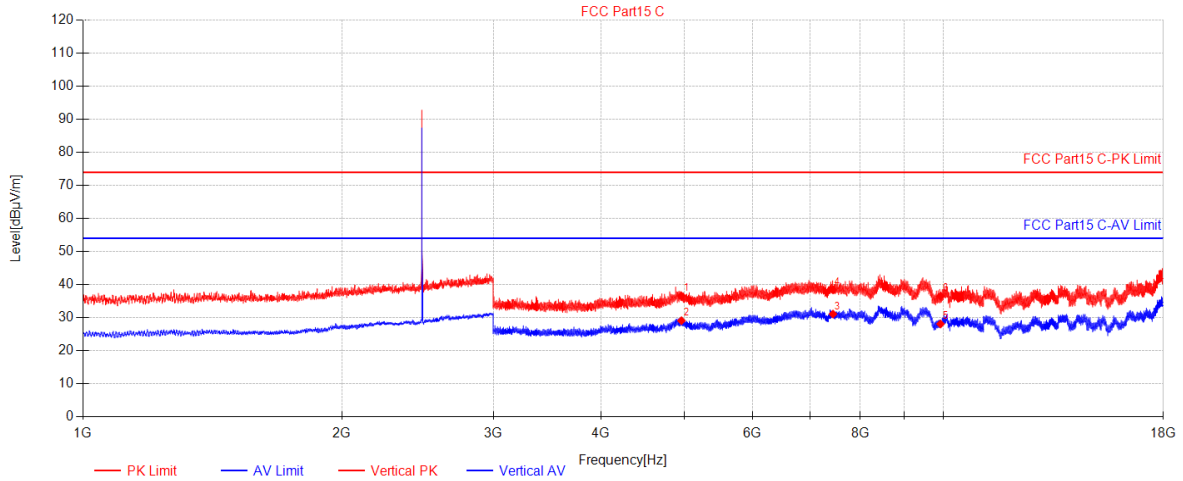


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1	4960.0000	49.38	-12.83	36.55	74.00	37.45	188	100	Vertical
2	4960.0000	41.90	-12.83	29.07	54.00	24.93	295	76	Vertical
3	7440.0000	37.91	-6.83	31.08	54.00	22.92	170	358	Vertical
4	7440.0000	45.22	-6.83	38.39	74.00	35.61	194	202	Vertical
5	9920.0000	28.99	-0.93	28.06	54.00	25.94	255	100	Vertical
6	9920.0000	37.45	-0.93	36.52	74.00	37.48	183	126	Vertical



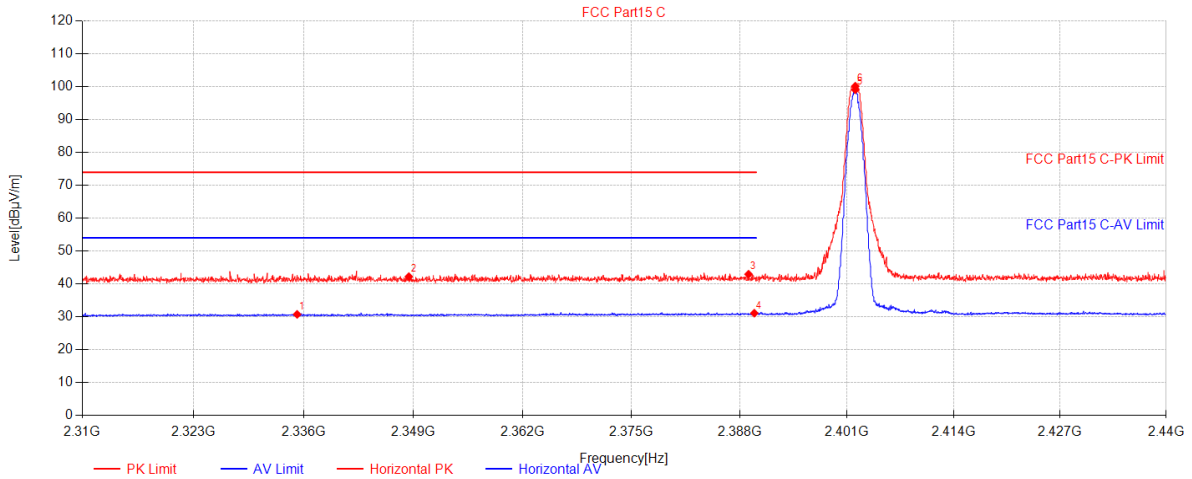
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Restricted bands around fundamental frequency

802.BLE 1M_Channel 00



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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2335.22	27.63	3.09	30.72	54.00	23.28	122	282	Horizontal
2	2348.4367	39.10	3.09	42.19	74.00	31.81	122	282	Horizontal
3	2389.0833	39.86	3.07	42.93	74.00	31.07	122	282	Horizontal
4	2389.7767	28.01	3.07	31.08	54.00	22.92	122	282	Horizontal
5	2402.0000	96.03	3.08	99.11	-	-	122	282	Horizontal
6	2402.0000	97.12	3.08	100.20	-	-	122	282	Horizontal



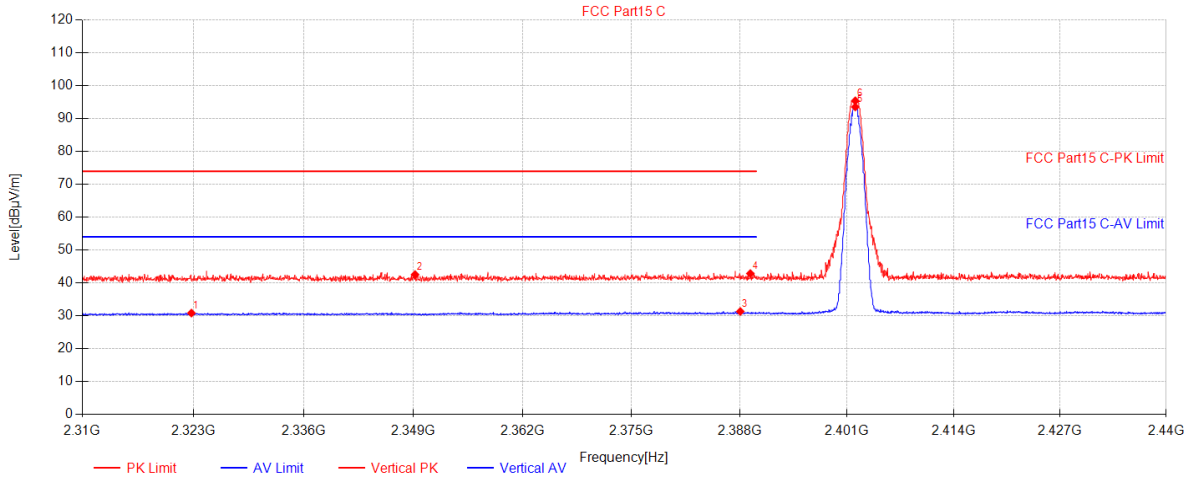
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802.BLE 1M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2322.7833	27.72	3.09	30.81	54.00	23.19	144	260	Vertical
2	2349.1733	39.45	3.09	42.54	74.00	31.46	144	260	Vertical
3	2388.0867	28.23	3.07	31.30	54.00	22.70	144	260	Vertical
4	2389.3	39.77	3.07	42.84	74.00	31.16	144	260	Vertical
5	2402.0000	90.48	3.08	93.56	-	-	144	260	Vertical
6	2402.0000	92.36	3.08	95.44	-	-	144	260	Vertical



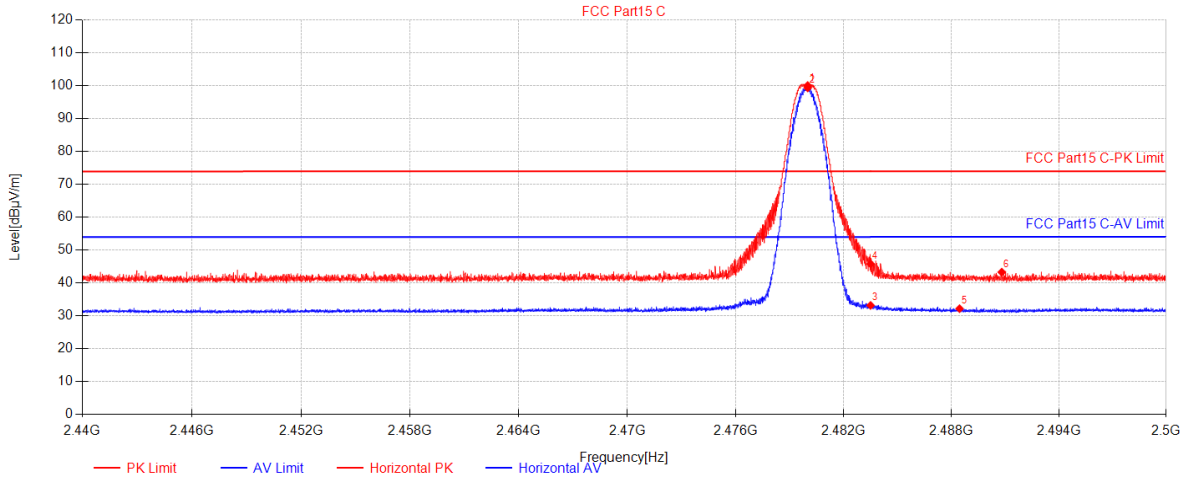
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802.BLE 1M_Channel 39



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.0000	96.51	3.57	100.08	-	-	199	183	Horizontal
2	2480.0000	95.81	3.57	99.38	-	-	199	183	Horizontal
3	2483.5000	29.55	3.60	33.15	54.00	20.85	199	183	Horizontal
4	2483.5000	42.15	3.60	45.75	74.00	28.25	199	183	Horizontal
5	2488.4575	28.53	3.63	32.16	54.00	21.84	199	183	Horizontal
6	2490.8125	39.63	3.64	43.27	74.00	30.73	199	183	Horizontal



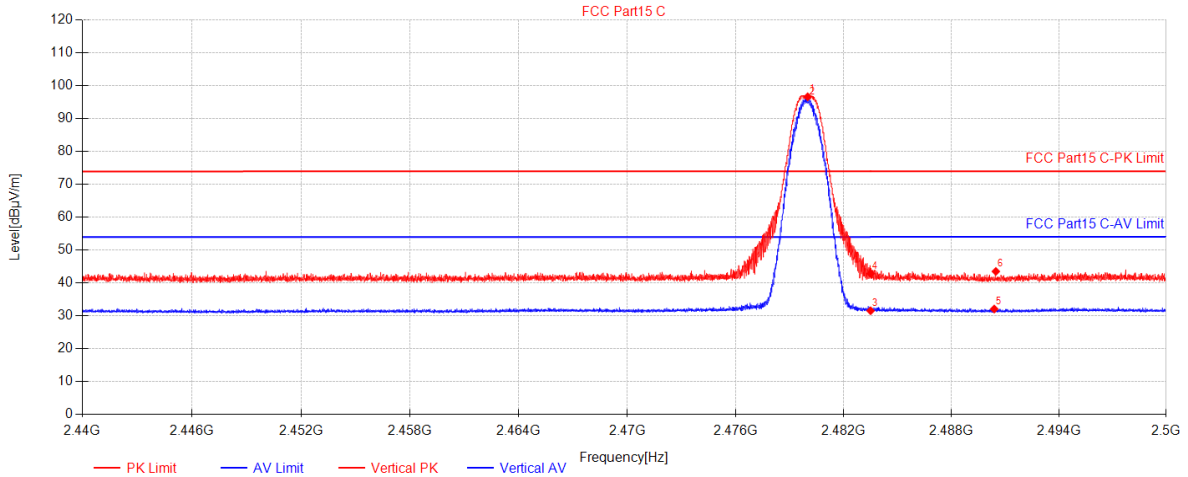
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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.0000	93.08	3.57	96.65	-	-	233	54	Vertical
2	2480.0000	92.40	3.57	95.97	-	-	233	54	Vertical
3	2483.5000	27.91	3.60	31.51	54.00	22.49	233	54	Vertical
4	2483.5000	39.24	3.60	42.84	74.00	31.16	233	54	Vertical
5	2490.3925	28.41	3.64	32.05	54.00	21.95	233	54	Vertical
6	2490.4825	39.86	3.64	43.50	74.00	30.50	233	54	Vertical

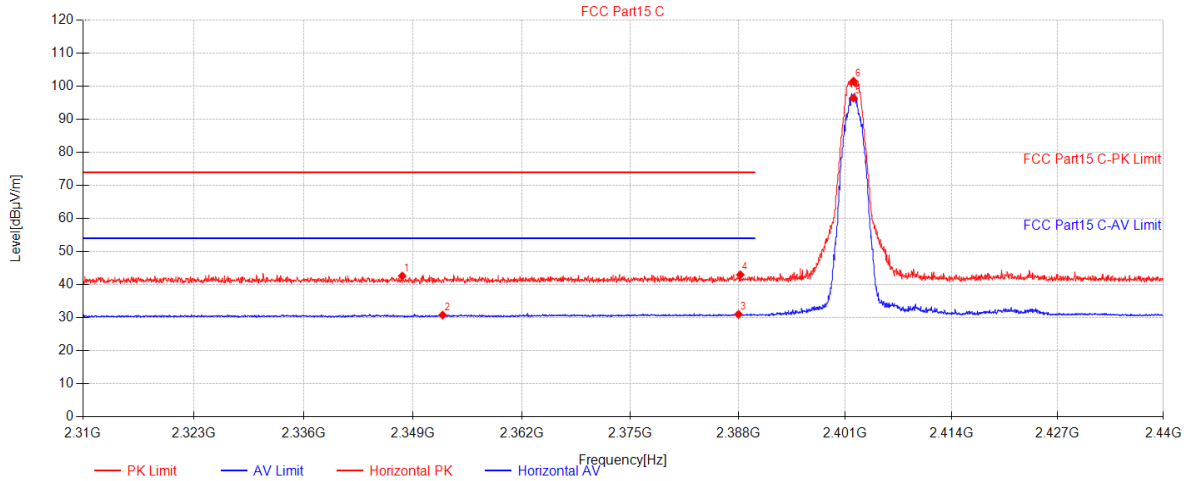


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802.BLE 2M_Channel 00



Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2347.7	39.50	3.09	42.59	74.00	31.41	159	326	Horizontal
2	2352.51	27.68	3.08	30.76	54.00	23.24	159	326	Horizontal
3	2388.0433	27.91	3.07	30.98	54.00	23.02	159	326	Horizontal
4	2388.26	39.90	3.07	42.97	74.00	31.03	159	326	Horizontal
5	2402.0000	93.38	3.08	96.46	-	-	159	326	Horizontal
6	2402.0000	98.52	3.08	101.60	-	-	159	326	Horizontal



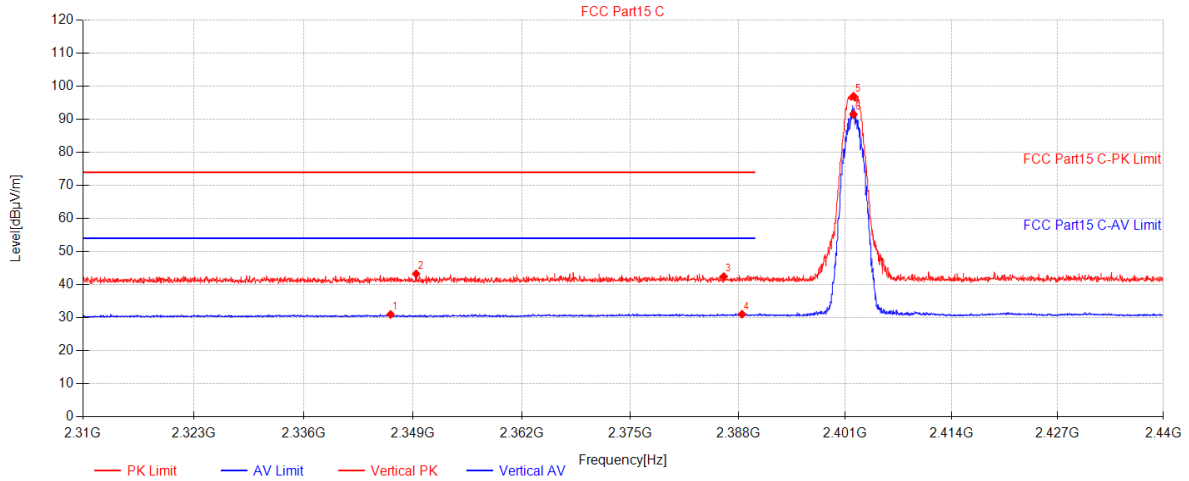
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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2346.3133	27.87	3.09	30.96	54.00	23.04	248	283	Vertical
2	2349.3467	40.17	3.09	43.26	74.00	30.74	248	283	Vertical
3	2386.2667	39.35	3.07	42.42	74.00	31.58	248	283	Vertical
4	2388.4767	27.95	3.07	31.02	54.00	22.98	248	283	Vertical
5	2402.0000	93.95	3.08	97.03	-	-	248	283	Vertical
6	2402.0000	88.47	3.08	91.55	-	-	248	283	Vertical



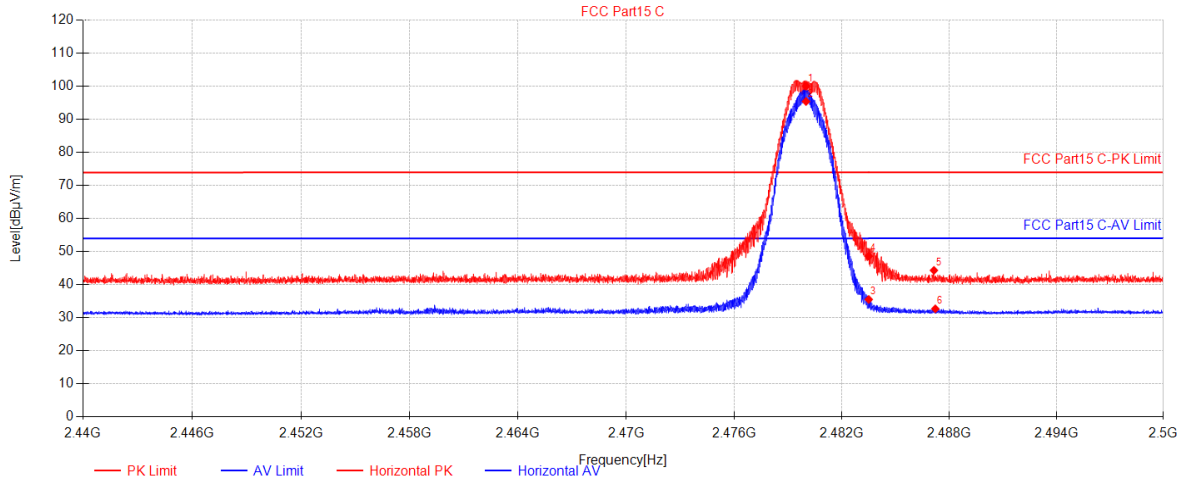
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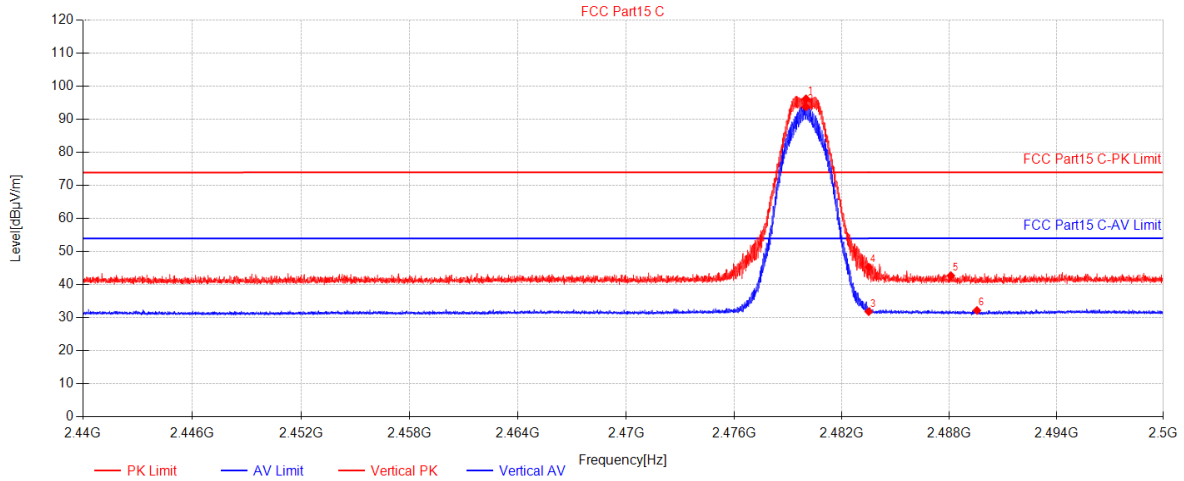
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NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2480.0000	96.51	3.57	100.08	-	-	169	182	Horizontal
2	2480.0000	91.87	3.57	95.44	-	-	169	182	Horizontal
3	2483.5000	31.89	3.60	35.49	54.00	18.51	169	182	Horizontal
4	2483.5000	45.00	3.60	48.60	74.00	25.40	169	182	Horizontal
5	2487.145	40.68	3.62	44.30	74.00	29.70	169	182	Horizontal
6	2487.22	29.03	3.62	32.65	54.00	21.35	169	182	Horizontal



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1	2480.0000	92.67	3.57	96.24	-	-	248	53	Vertical
2	2480.0000	90.22	3.57	93.79	-	-	248	53	Vertical
3	2483.5000	28.22	3.60	31.82	54.00	22.18	248	53	Vertical
4	2483.5000	41.68	3.60	45.28	74.00	28.72	248	53	Vertical
5	2488.09	39.08	3.62	42.70	74.00	31.30	248	53	Vertical
6	2489.5525	28.53	3.63	32.16	54.00	21.84	248	53	Vertical

The End



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