

Dynascan Technology Corp.

TEST REPORT

SCOPE OF WORK:

47 CFR FCC Part 15.247 – Radio Spectrum report

Model:

XBP301

REPORT NUMBER

220300082THC-001

ISSUE DATE

May 04, 2022

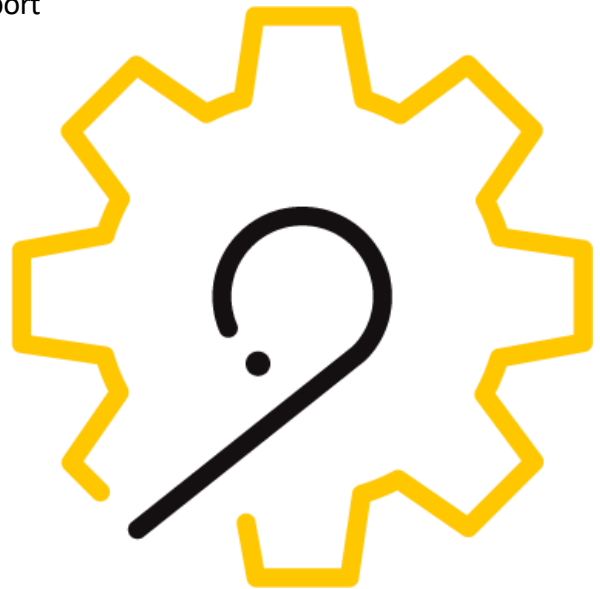
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TEST REPORT

Applicant:	Dynascan Technology Corp. 6F., No. 88, Wenmao Rd., Leshan Vil., Guishan Dist., Taoyuan City 333001, Taiwan
Product:	Digital Transmission Systems
Model No.:	XBP301
FCC ID:	2AKWYXBP301
Test Method/ Standard:	47 CFR FCC Part 15.247 & ANSI C63.10 2013 KDB 558074 D01 v05r02
Test By:	Intertek Testing Services Taiwan Ltd., Hsinchu Laboratory No. 11, Lane 275, Ko-Nan 1 Street, Chia-Tung Li, Shiang-Shan District, Hsinchu City, Taiwan



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Revision History

Report No.	Issue Date	Revision Summary
220300082THC-001	May 04, 2022	1. This case is to add different Host(Product Name: Display, Model No.: 64426), so th FCC C2PC(Conducted Output Power, Spurious Emission, Band Edge, and AC Conducted Emissions) is exeuted. 2. FCC Original Grant Date: 06/11/2020, FCC ID: 2AKWYXBP301

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Summary of Test Data

Test Requirement	Applicable Rule (Section 15.247)	Result
Maximum Peak Conducted Output Power	15.247(b)(3)	Pass
Emissions In Restricted Frequency Bands (Radiated emission measurements)	15.247(d), 15.205, 15.209	Pass
Emission On The Band Edge	15.247(d), 15.205	Pass
AC Power Line Conducted Emission	15.207	Pass
Antenna Requirement	15.203	Pass

Note: Please note that the test results with statement of conformity, the decision rules which are based on: Safety Testing: the specification, standard or IEC Guide 115.

Other Testing: the specification, standard and not taking into account the measurement uncertainty.

1. General Information

1.1 Identification of the EUT

Product:	Digital Transmission Systems
Model No.:	XBP301
Operating Frequency:	2412 MHz ~ 2462 MHz for 802.11b/g/n HT20 2422 MHz ~ 2452 MHz for 802.11n HT40
Channel Number:	11 channels for 2412 MHz ~ 2462 MHz 7 channels for 2422 MHz ~ 2452 MHz
Frequency of Each Channel:	2412+5 k, k=0 ~ 10 for 802.11b/g/n HT20 2422+5 k, k=0 ~ 6 for 802.11n HT40
Access scheme:	DSSS, OFDM
Power Cord:	N/A
Sample receiving date:	2022/03/20
Sample condition:	Workable
Test Date(s):	2022/03/31 ~ 2022/04/13

1.2 Antenna description

For antenna 0 (Chain 0)

Antenna Gain : -0.29 dBi
Antenna Type : PIFA antenna
Connector Type : I-pex

For antenna 1 (Chain 1)

Antenna Gain : 0.87 dBi
Antenna Type : PIFA antenna
Connector Type : I-pex

1.3 Operation mode

Power on, executing “WLAN Test Tool V2.3.0” to select different frequency and modulation.

With individual verifying, the maximum output power were found out 1 Mbps data rate for 802.11b mode, 6 Mbps data rate for 802.11g mode, 6.5 Mbps data rate for 802.11n(HT20) mode, 13.5 Mbps data rate for 802.11n(HT40) mode, the final tests were executed under these conditions recorded in this report individually.

Mode	Channel	Frequency (MHz)	Data rate	Signal on time(ms)	Signal transmit on+off time(ms)	Duty cycle	Duty Cycle factor
802.11b	1	2412	1	12.415	12.505	0.993	0.031
802.11g	1	2412	6	2.065	2.136	0.967	0.147
802.11n (HT20)	1	2412	6.5	1.917	2.042	0.939	0.274
802.11n (HT40)	3	2422	13.5	0.945	0.990	0.954	0.204

2. Maximum Peak Conducted Output Power

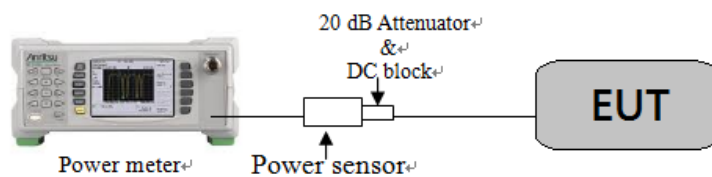
2.1 Instrument Setting

Power Meter Parameter	Setting
Bandwidth	65MHz bandwidth is greater than the EUT emission bandwidth
Detector	Peak & Average

2.2 Test Procedure

The preferred methodology is to use integrated average power measurements, as described in 11.9.2 and 11.13.3 of ANSI C63.10. The peak integrated band power methods of 11.9.1.2 and 11.13.3.2 of ANSI C63.10 are not applicable for FCC compliance testing purposes.

2.3 Test Diagram



2.4 Limit

For systems using digital modulation in the 2400-2483.5 MHz: 1 Watt (30dBm)

2.5 Operating Environment Condition

Temperature (°C) :	20
Relative Humidity (%) :	57

2.6 Test Results

Mode	Channel	Frequency (MHz)	Output Power (dBm)		Output Power (mW)		Total Power (Chain 0+1)		Limit (dBm)	Margin (dB)
			Chain 0	Chain 1	Chain 0	Chain 1	Chain 0+1			
			AV	AV	AV	AV	AV (mW)	AV (dBm)		
802.11b	1	2412	20.70	19.50	117.49	89.13	206.61	23.15	30.00	-6.85
	6	2437	20.80	19.41	120.23	87.30	207.52	23.17	30.00	-6.83
	11	2462	20.72	19.01	118.03	79.62	197.65	22.96	30.00	-7.04
802.11g	1	2412	17.13	16.23	51.64	41.98	93.62	19.71	30.00	-10.29
	6	2437	18.25	17.10	66.83	51.29	118.12	20.72	30.00	-9.28
	11	2462	18.42	16.80	69.50	47.86	117.37	20.70	30.00	-9.30
802.11n (HT20)	1	2412	18.36	17.30	68.55	53.70	122.25	20.87	30.00	-9.13
	6	2437	18.40	17.00	69.18	50.12	119.30	20.77	30.00	-9.23
	11	2462	17.40	16.30	54.95	42.66	97.61	19.90	30.00	-10.10
802.11n (HT40)	3	2422	16.10	15.30	40.74	33.88	74.62	18.73	30.00	-11.27
	6	2437	18.20	17.00	66.07	50.12	116.19	20.65	30.00	-9.35
	9	2452	16.30	14.80	42.66	30.20	72.86	18.62	30.00	-11.38

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3. Emissions in Restricted Frequency Bands (Radiated emission measurements)

3.1 Instrument Setting

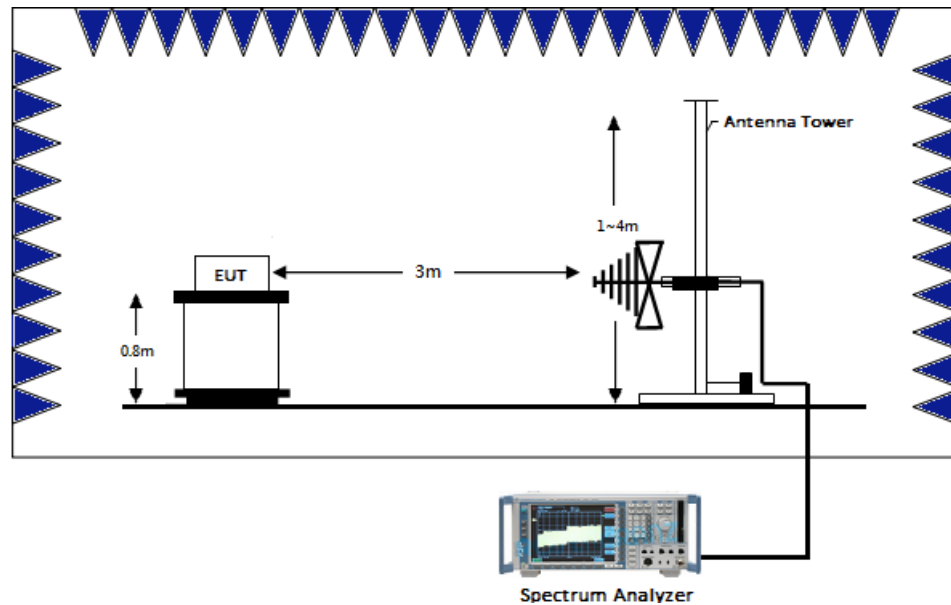
Receiver Function	Setting (Below 1GHz)	Setting (Above 1GHz)
Detector	QP	Peak and Average
RBW	9-150 kHz ; 200-300 Hz 0.15-30 MHz; 9-10 kHz 30-1000 MHz; 100-120 kHz	1MHz
VBW	$\geq 3 \times \text{RBW}$	3MHz
Sweep	Auto couple	Auto couple
Start Frequency	9 kHz	1GHz
Stop Frequency	1 GHz	Tenth harmonic
Attenuation	Auto	Auto

3.2 Test Procedure

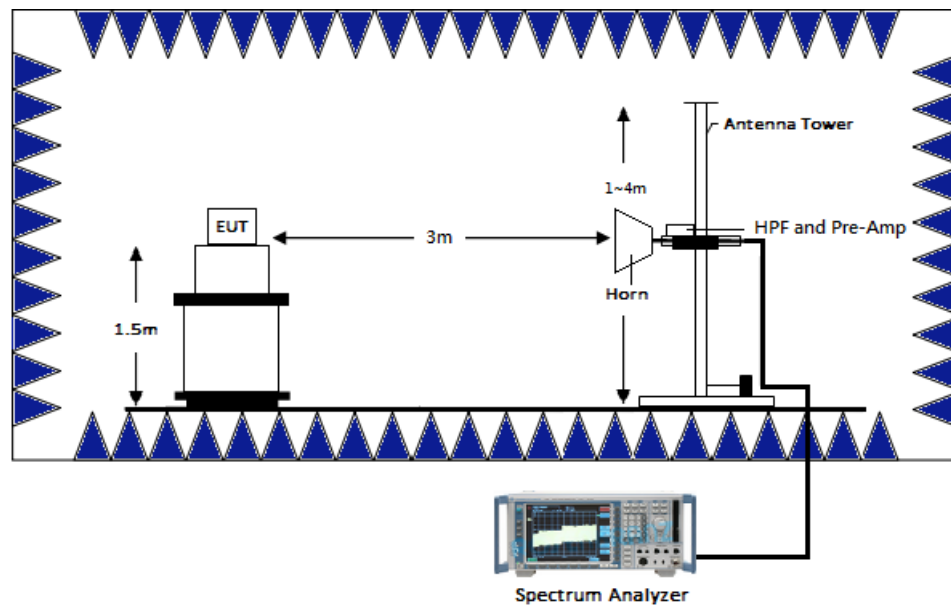
Step 1	Configure the EUT according to ANSI C63.10:2013. The EUT was placed on the top of the turntable 0.8 meter (below 1GHz) and 1.5 meter (above 1GHz) above ground. The center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
Step 2	Power on the EUT and all the companion devices. The turntable was rotated by 360 degree to find the position of the maximum emission level.
Step 3	The height of the receiving antenna was varied between one meter and four meters above ground to find the maximum emission field strength of the both horizontal and vertical polarization.
Step 4	If find the frequencies above the limit or below within 3dB, the antenna tower was scan (from 1m to 4m) and then the turntable was rotated to find the maximum reading.
Step 5	Set the test-receiver system to peak or CISPR quasi-peak detector with specified bandwidth under maximum hold mode.
Step 6	For emissions above 1GHz, use 1MHz VBW and 3MHz RBW for reading in spectrum analyzer. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.
Step 7	If the emissions level of the EUT in peak mode was 3dB lower than the average limit specified then testing will be stopped and peak values of the EUT will be reported. Otherwise, the emissions which do not have 3dB margin will be measured using the quasi-peak method for below 1GHz.
Step 8	For testing above 1GHz, The emissions level of the EUT in peak mode was lower than average limit, then testing will be stopped and peak values of the EUT will be reported, otherwise, the emission will be measured in average mode again and reported.

3.3 Test Diagram

3.3.1 Radiated emission below 1GHz using Bilog Antenna



3.3.2 Radiated emission above 1GHz using Horn Antenna



3.4 Limit

Frequency(MHz)	Field Strength(uV/m)	Measurement distance(m)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark:

1. In the above table, the tighter limit applies at the band edges.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

3.5 Operating Environment Condition

Temperature (°C) :	25
Relative Humidity (%) :	61

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3.6 Test Result

3.6.1 Measurement results: frequencies below 1 GHz

The test was performed on EUT under 802.11b/g/n continuously transmitting mode. The worst case occurred at 802.11b Channel 6.

Ant Polarity	Frequency (MHz)	Spectrum Analyzer Detector	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)
Horizontal	371.44	QP	23.57	20.85	44.42	46.00	-1.58
Horizontal	470.38	QP	25.96	14.36	40.32	46.00	-5.68
Horizontal	519.85	QP	27.02	13.25	40.27	46.00	-5.73
Horizontal	570.29	QP	28.11	12.09	40.20	46.00	-5.80
Horizontal	594.54	QP	28.87	12.04	40.91	46.00	-5.09
Horizontal	896.21	QP	32.96	10.08	43.04	46.00	-2.96

Remark: Corr. Factor = Antenna Factor + Cable Loss

Ant Polarity	Frequency (MHz)	Spectrum Analyzer Detector	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)
Vertical	371.44	QP	23.57	20.34	43.91	46.00	-2.09
Vertical	470.38	QP	25.96	15.38	41.34	46.00	-4.66
Vertical	668.26	QP	29.92	11.71	41.63	46.00	-4.37
Vertical	742.95	QP	31.63	12.60	44.23	46.00	-1.77
Vertical	816.67	QP	32.48	12.70	45.18	46.00	-0.82
Vertical	966.05	QP	34.80	8.57	43.37	54.00	-10.63

Remark: Corr. Factor = Antenna Factor + Cable Loss

3.6.2 Measurement results: frequency above 1GHz to 18GHz

Mode	Frequency (MHz)	Spectrum Analyzer Detector	Ant. Pol. (H/V)	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)
802.11b_Ch1	4824	PK	H	-5.54	53.40	47.86	74	-26.14
	7236	PK	H	3.41	49.20	52.61	74	-21.39
	4824	PK	V	-5.54	53.10	47.56	74	-26.44
	7236	PK	V	3.41	46.50	49.91	74	-24.09
802.11b_Ch6	4874	PK	H	-5.23	51.51	46.28	74	-27.72
	7311	PK	H	3.51	48.40	51.91	74	-22.09
	4874	PK	V	-5.23	52.71	47.48	74	-26.52
	7311	PK	V	3.51	47.00	50.51	74	-23.49
802.11b_Ch11	4924	PK	H	-5.10	54.61	49.51	74	-24.49
	7386	PK	H	3.34	47.40	50.74	74	-23.26
	4924	PK	V	-5.10	55.71	50.61	74	-23.39
	7386	PK	V	3.34	46.20	49.54	74	-24.46
802.11g_Ch1	4824	PK	H	-5.54	47.90	42.36	74	-31.64
	4824	PK	V	-5.54	49.30	43.76	74	-30.24
802.11g_Ch6	4874	PK	H	-5.23	49.41	44.18	74	-29.82
	4874	PK	V	-5.23	52.31	47.08	74	-26.92
802.11g_Ch11	4924	PK	H	-5.10	51.61	46.51	74	-27.49
	4924	PK	V	-5.10	49.31	44.21	74	-29.79
802.11n(HT20)_Ch1	4824	PK	H	-5.54	50.30	44.76	74	-29.24
	7236	PK	H	3.41	47.30	50.71	74	-23.29
	4824	PK	V	-5.54	49.70	44.16	74	-29.84
802.11n(HT20)_Ch6	4874	PK	H	-5.23	48.91	43.68	74	-30.32
	4874	PK	V	-5.23	50.11	44.88	74	-29.12
802.11n(HT20)_Ch11	4924	PK	H	-5.10	48.61	43.51	74	-30.49
	4924	PK	V	-5.10	51.31	46.21	74	-27.79
802.11n(HT40)_Ch3	4844	PK	H	-5.41	50.40	44.99	74	-29.01
	4844	PK	V	-5.41	51.00	45.59	74	-28.41
802.11n(HT40)_Ch6	4874	PK	H	-5.23	50.71	45.48	74	-28.52
	7311	PK	H	3.51	45.60	49.11	74	-24.89
	4874	PK	V	-5.23	50.11	44.88	74	-29.12
	7311	PK	V	3.51	45.30	48.81	74	-25.19
802.11n(HT40)_Ch9	4904	PK	H	-5.07	48.75	43.68	74	-30.32
	4904	PK	V	-5.07	50.41	45.34	74	-28.66

Remark: Correction Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Pre_Amplifier Gain

4. Emission on Band Edge

4.1 Instrument Setting

Spectrum Function	Setting
Detector	Peak and Average
RBW	1MHz
VBW	3MHz
Sweep	Auto couple
Restrict bands	2310 MHz ~ 2390 MHz 2483.5 MHz ~ 2500 MHz
Attenuation	Auto

4.2 Test Procedure

The test procedure is the same as Emissions in Restricted Frequency Bands (Radiated emission measurements).

4.3 Operating Environment Condition

Temperature (°C) :	23
Relative Humidity (%) :	65

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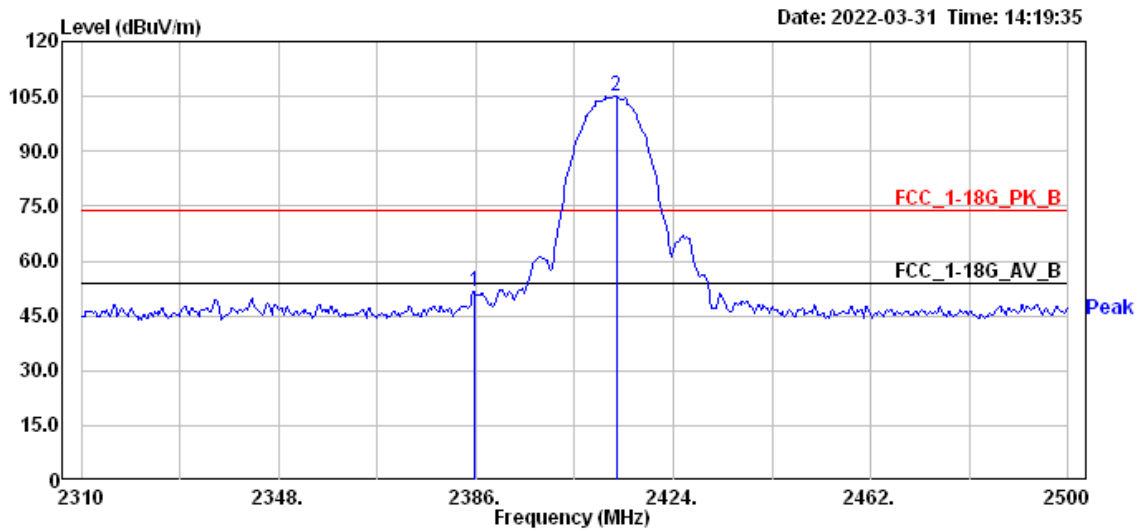
4.4 Test Results

Mode	Frequency (MHz)	Spectrum Analyzer Detector	Ant. Pol. (H/V)	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)	Restricted band (MHz)
802.11b	2385.73	PK	V	34.27	17.42	51.69	74	-22.31	2310~2390
	2386.28	AV	V	34.27	11.38	45.65	54	-8.35	
	2483.50	PK	V	34.58	14.64	49.22	74	-24.78	2483.5~2500
	2483.50	AV	V	34.58	4.54	39.12	54	-14.88	
802.11g	2390.00	PK	V	34.25	30.31	64.56	74	-9.44	2310~2390
	2390.00	AV	V	34.25	14.60	48.85	54	-5.15	
	2484.30	PK	V	34.59	26.02	60.61	74	-13.39	2483.5~2500
	2483.50	AV	V	34.58	11.61	46.19	54	-7.81	
802.11n (HT20)	2390.00	PK	V	34.25	31.91	66.16	74	-7.84	2310~2390
	2390.00	AV	V	34.25	14.98	49.23	54	-4.77	
	2483.50	PK	V	34.58	29.60	64.18	74	-9.82	2483.5~2500
	2483.50	AV	V	34.58	13.60	48.18	54	-5.82	
802.11n (HT40)	2389.58	PK	V	34.25	31.77	66.02	74	-7.98	2310~2390
	2390.00	AV	V	34.25	15.83	50.08	54	-3.92	
	2489.54	PK	V	34.64	25.49	60.13	74	-13.87	2483.5~2500
	2483.50	AV	V	34.58	13.65	48.23	54	-5.77	

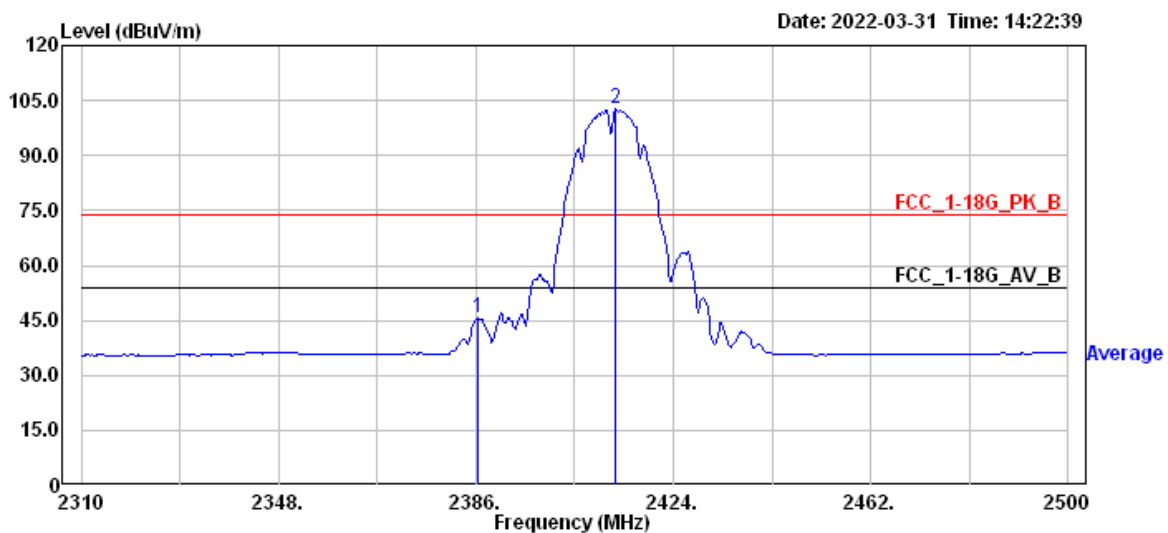
Remark: Correction Factor = Antenna Factor + Cable Loss

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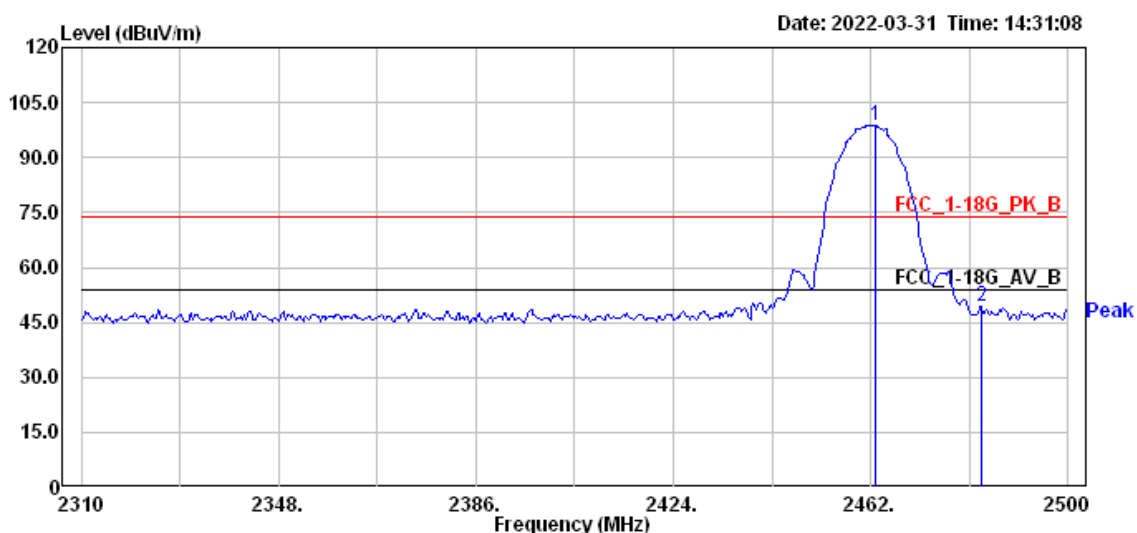
Chain0+1 : Restricted Band Bandedge @ 802.11b Mode Ch1 PK



Chain0+1 : Restricted Band Bandedge @ 802.11b Mode Ch1 AV

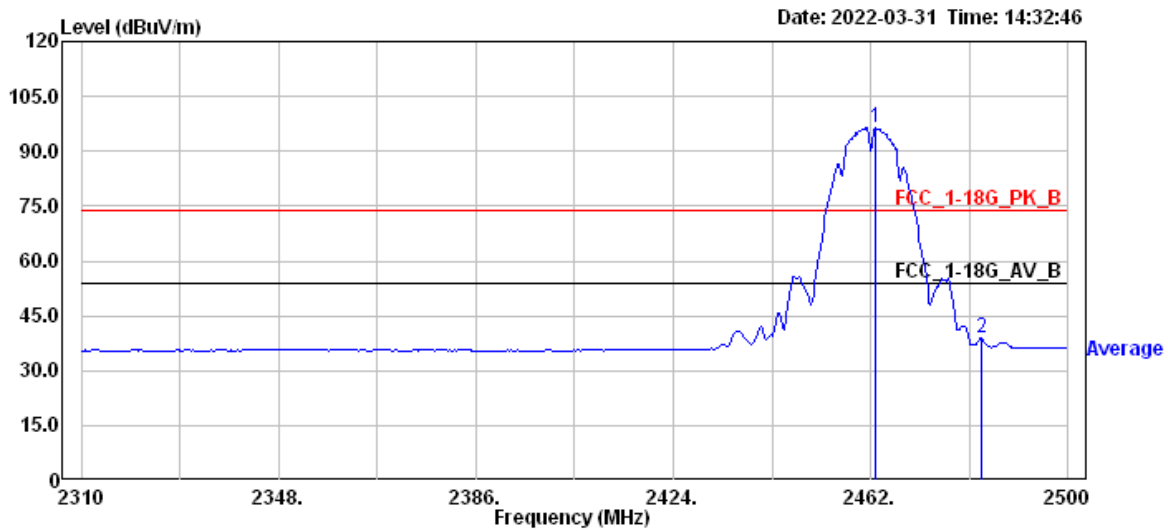


Chain0+1 : Restricted Band Bandedge @ 802.11b Mode Ch11 PK

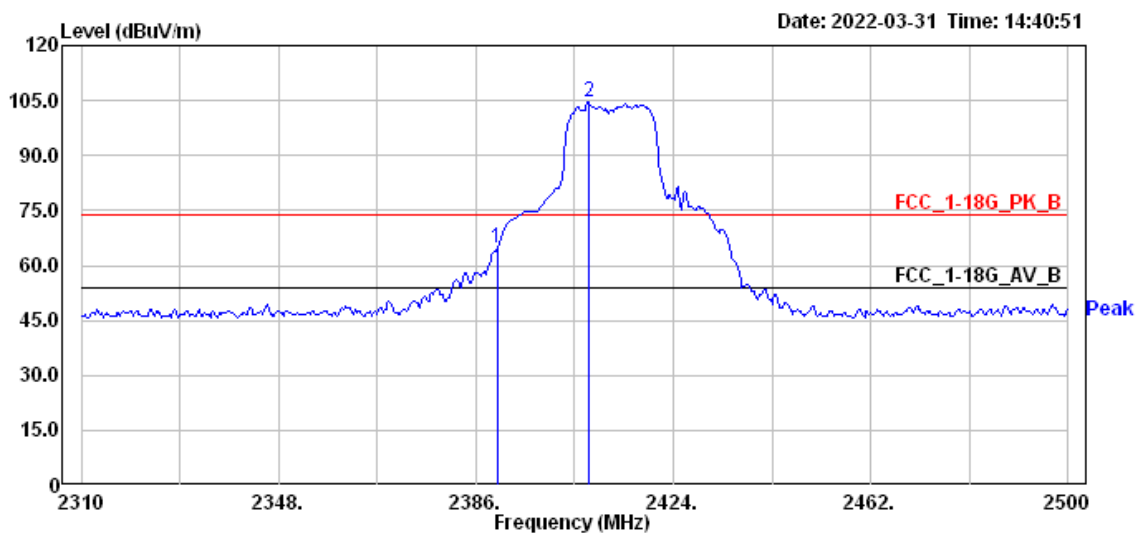


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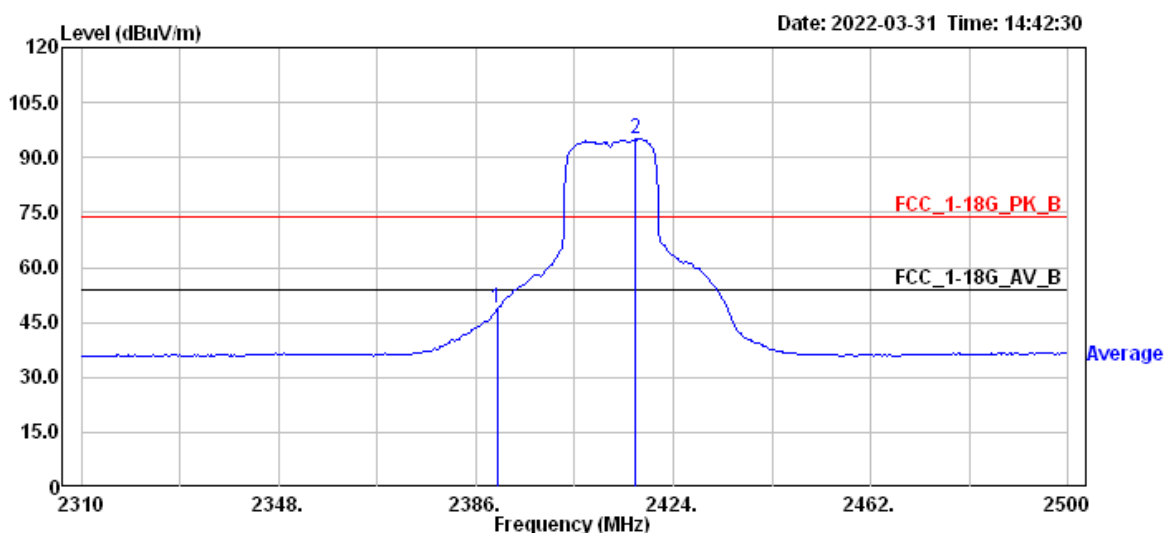
Chain0+1 : Restricted Band Bandedge @ 802.11b Mode Ch11 AV



Chain0+1 : Restricted Band Bandedge @ 802.11g Mode Ch1 PK

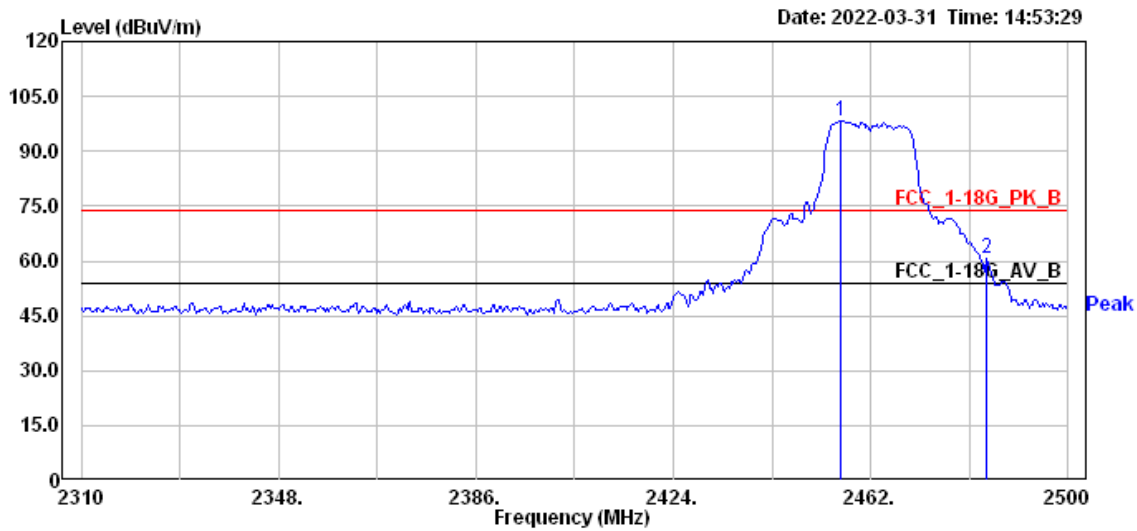


Chain0+1 : Restricted Band Bandedge @ 802.11g Mode Ch1 AV

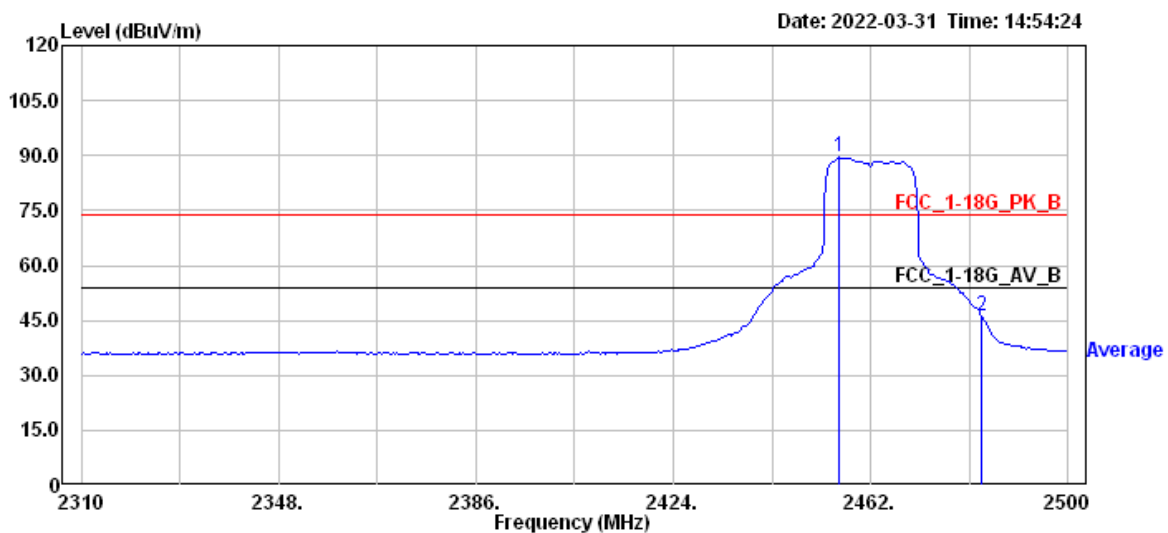


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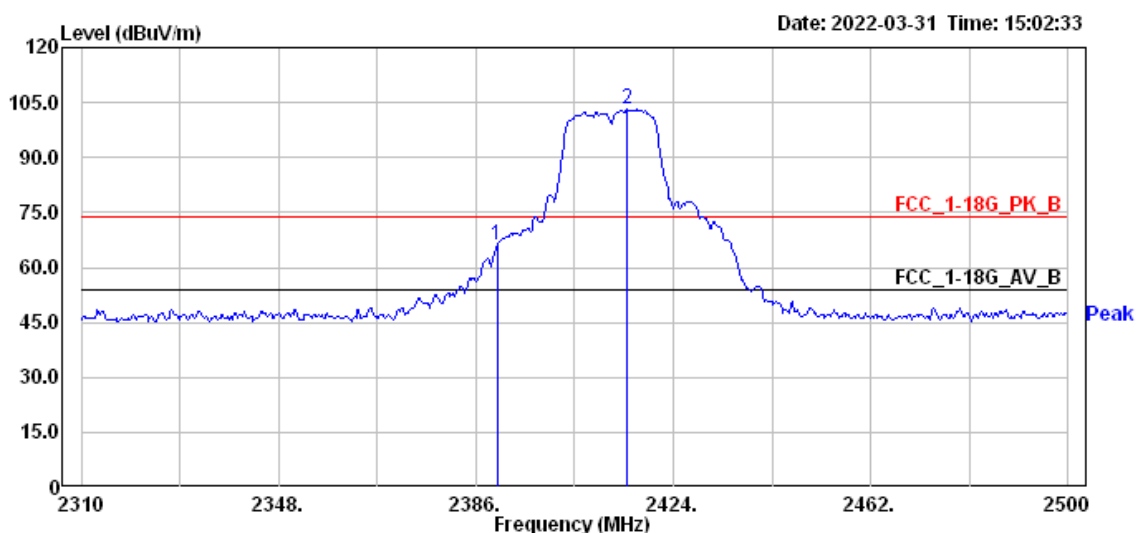
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Chain0+1 : Restricted Band Bandedge @ 802.11g Mode Ch11 AV

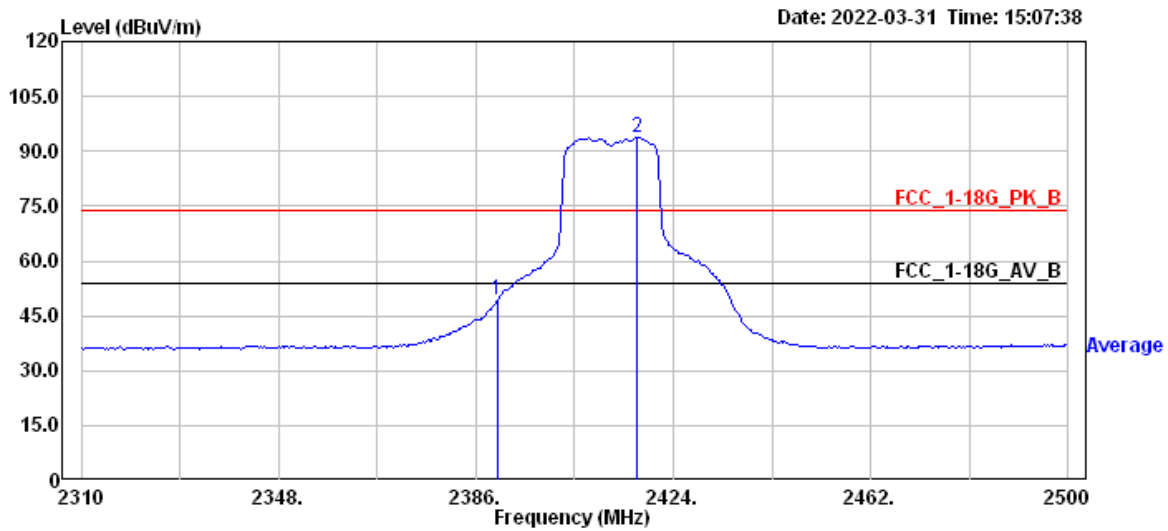


Chain0+1 : Restricted Band Bandedge @ 802.11n(HT20) Mode Ch1 PK

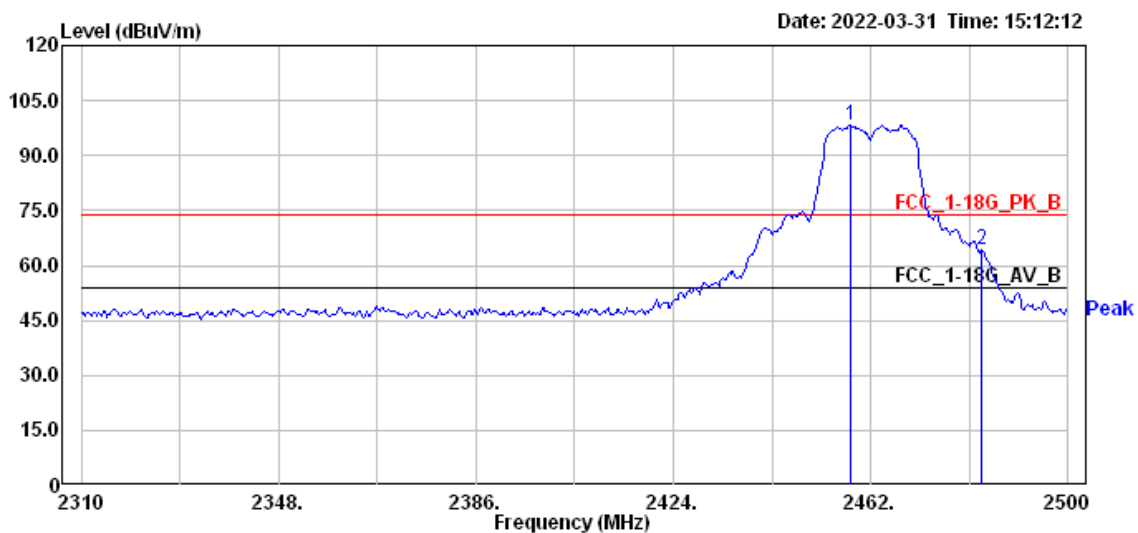


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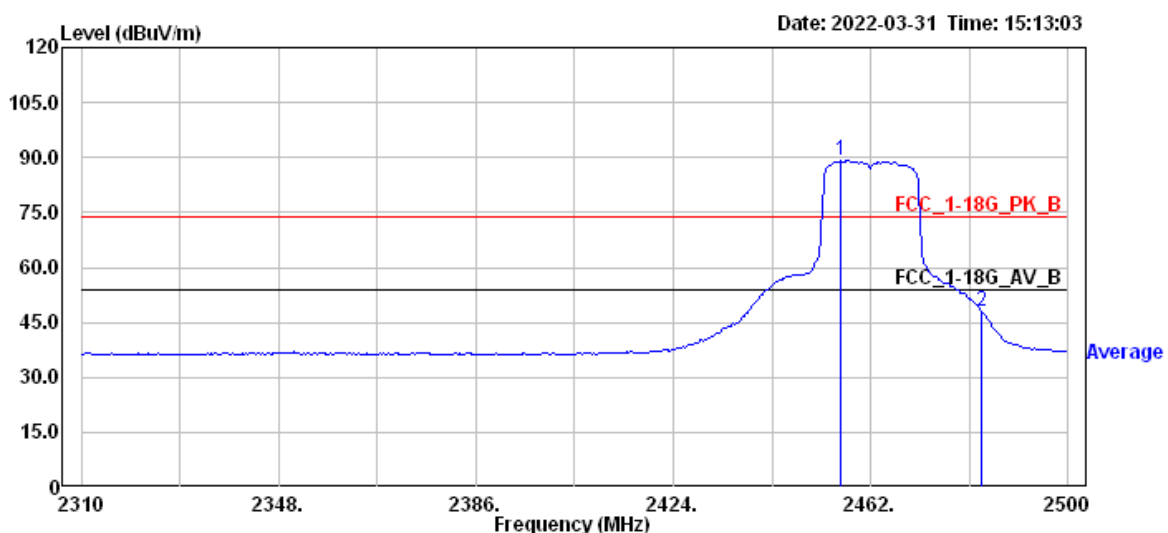
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Chain0+1 : Restricted Band Bandedge @ 802.11n(HT20) Mode Ch11 PK

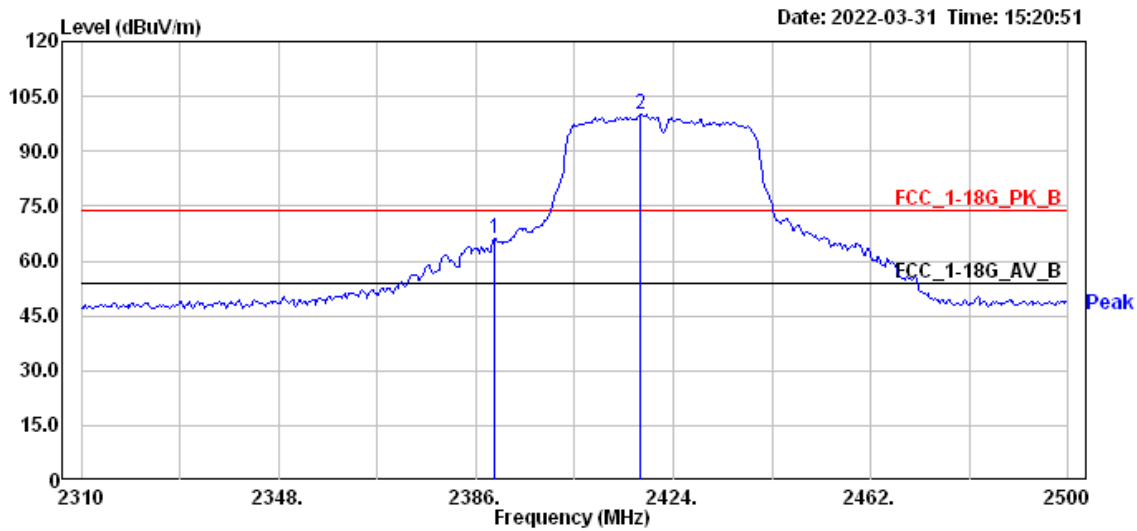


Chain0+1 : Restricted Band Bandedge @ 802.11n(HT20) Mode Ch11 AV

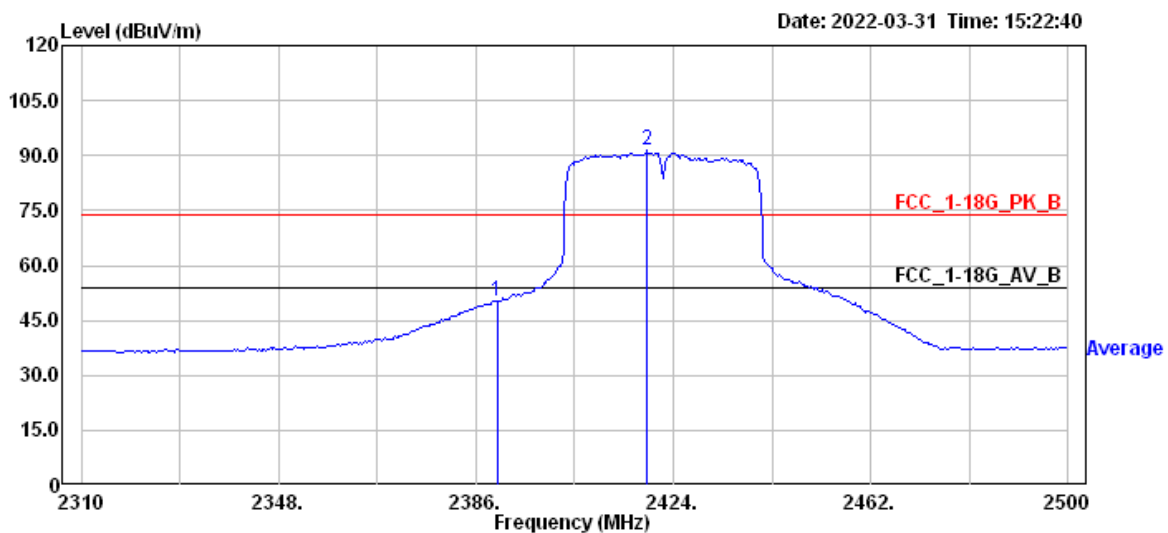


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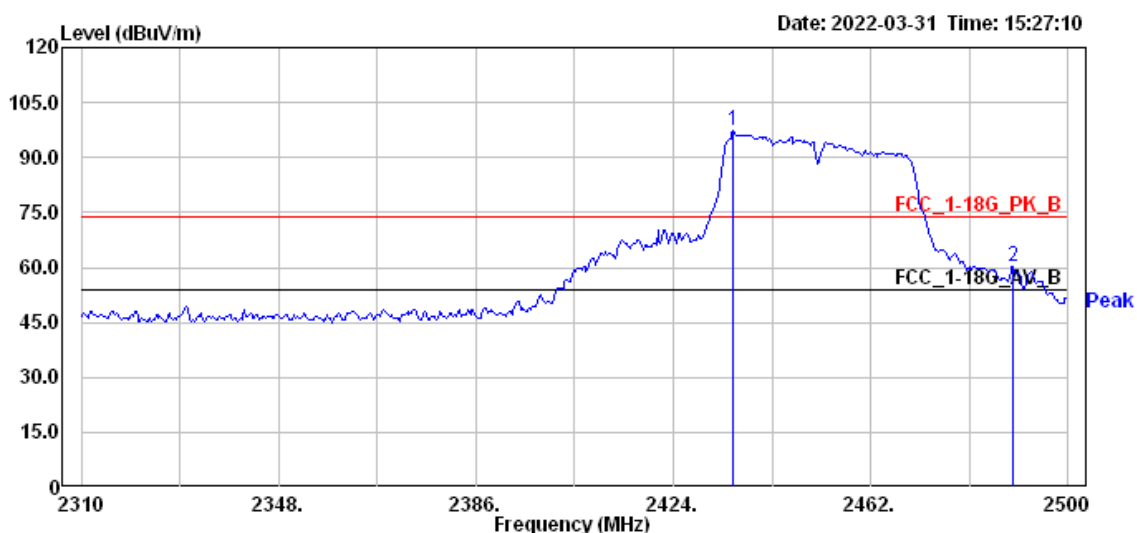
Chain0+1 : Restricted Band Bandedge @ 802.11n(HT40) Mode Ch3 PK



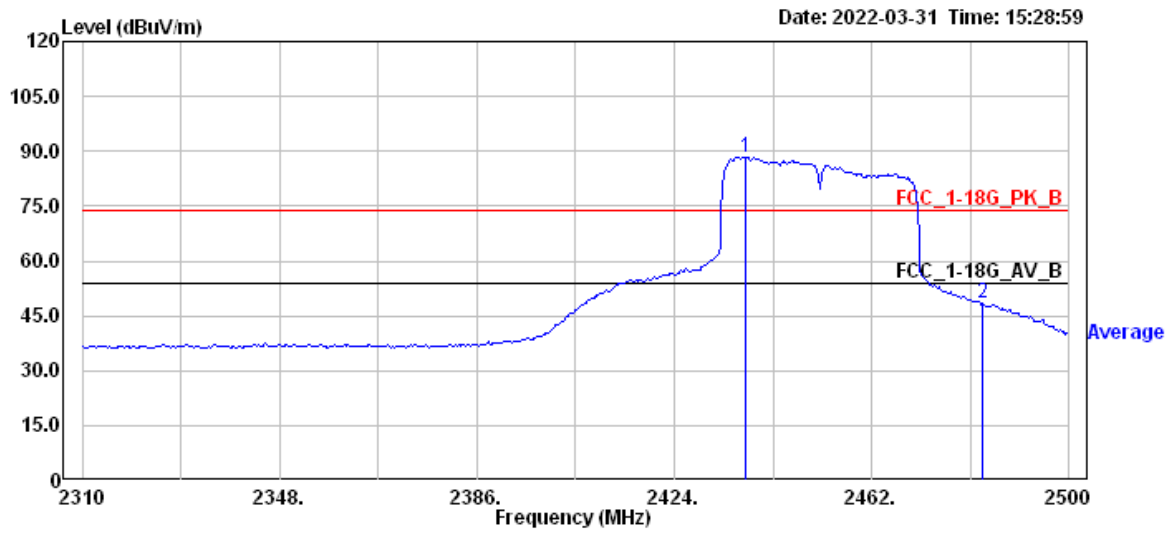
Chain0+1 : Restricted Band Bandedge @ 802.11n(HT40) Mode Ch3 AV



Chain0+1 : Restricted Band Bandedge @ 802.11n(HT40) Mode Ch9 PK



Chain0+1 : Restricted Band Bandedge @ 802.11n(HT40) Mode Ch9 AV



5. AC Power Line Conducted Emission

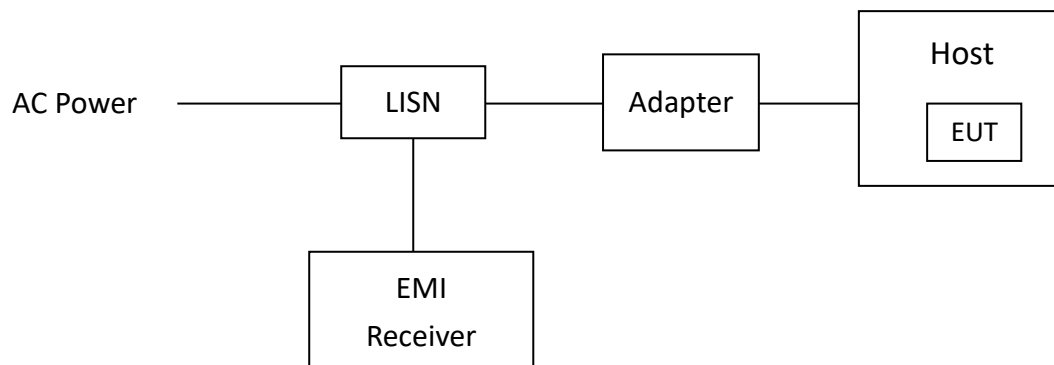
5.1 Measuring instrument setting

Receiver Function	Setting
Detector	QP
Start frequency	0.15MHz
Stop frequency	30MHz
IF bandwidth	9 kHz
Attenuation	10dB

5.2 Test Procedure

Step 1	Configure the EUT according to ANSI C63.10:2013. The EUT or host of EHT has to be placed 0.4 meter far from the conducting wall of the shielding room and at least 80 centimeters from any other grounded conducting surface.
Step 2	Connect EUT or host of EUT to the power mains through a line impedance stabilization network.
Step 3	All the companion devices are connected to the other LISN. The LISN should provide 50Uh/50ohms coupling impedance.
Step 4	The frequency range from 150 kHz to 30MHz was searched.
Step 5	Set the test-receiver system to peak detector and specified bandwidth with maximum hold mode.
Step 6	The measurement has to be done between each power line and ground at the power terminal.

5.3 Test Diagram



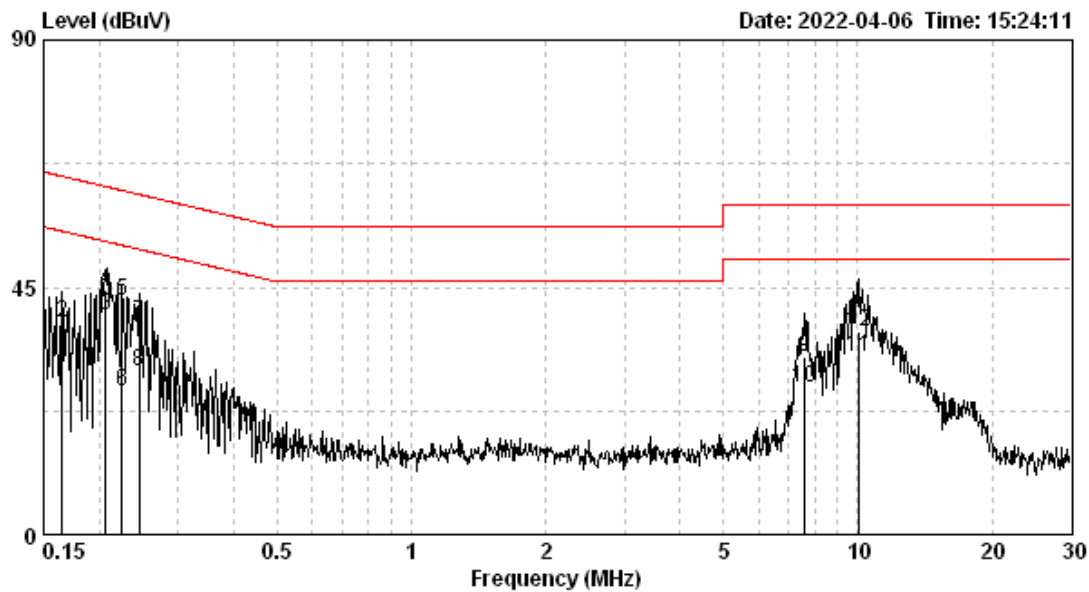
5.4 Limit

Frequency (MHz)	Conducted Limit (dBuV)	
	Q.P.	Ave.
0.15~0.50	66 – 56	56 – 46
0.50~5.00	56	46
5.00~30.0	60	50

TEST REPORT

5.5 Test Results

Test Condition: Tx mode



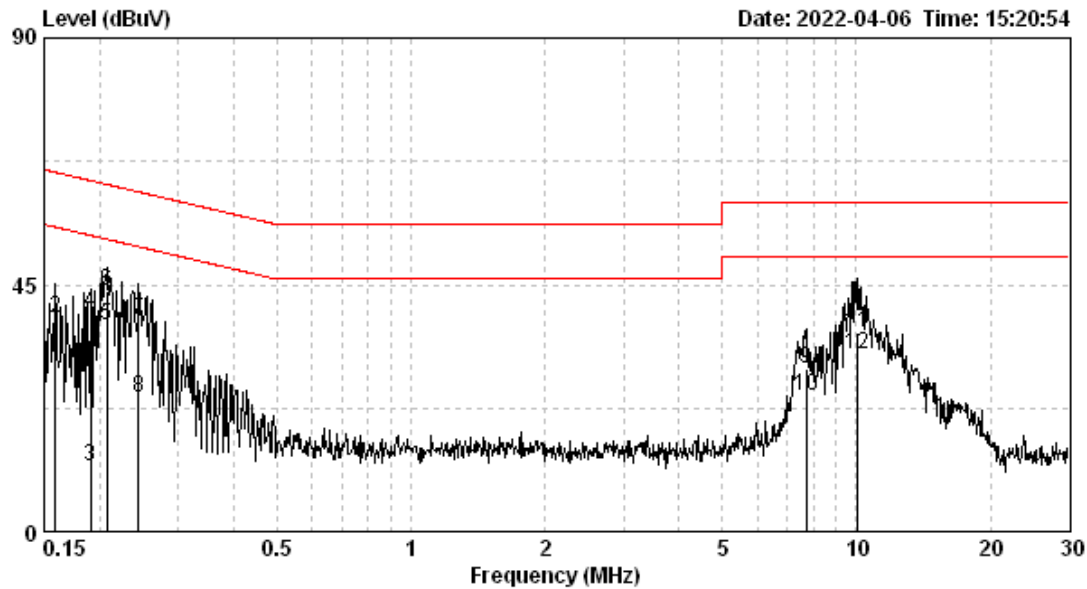
Test voltage :120Vac / 60Hz
Temp \ Relative Humidity:24\ 57
Atmospheric pressure :1006

Phase	Frequency (MHz)	Corr. Factor (dB)	Reading QP (dBuV)	Level QP (dBuV)	Limit QP (dBuV)	Reading AV (dBuV)	Level AV (dBuV)	Limit AV (dBuV)	Margin (dB)	
									QP	AV
LINE	0.165	9.59	28.85	38.44	65.21	15.98	25.57	55.21	-26.77	-29.64
LINE	0.206	9.59	34.82	44.41	63.36	30.26	39.86	53.36	-18.95	-13.50
LINE	0.224	9.59	32.81	42.40	62.66	16.50	26.09	52.66	-20.25	-26.57
LINE	0.246	9.59	28.95	38.54	61.91	20.18	29.77	51.91	-23.37	-22.14
LINE	7.606	9.70	22.49	32.19	60.00	16.88	26.58	50.00	-27.81	-23.42
LINE	10.019	9.72	27.14	36.86	60.00	22.63	32.35	50.00	-23.14	-17.65

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Level (dBuV) = Corr. Factor (dB) + Reading (dBuV)
3. Margin (dB) = Level (dBuV) – Limit (dBuV)

TEST REPORT



Test voltage :120Vac / 60Hz
 Temp \ Relative Humidity:24\ 57
 Atmospheric pressure :1006

Phase	Frequency (MHz)	Corr. Factor (dB)	Reading QP (dBuV)	Level QP (dBuV)	Limit QP (dBuV)	Reading AV (dBuV)	Level AV (dBuV)	Limit AV (dBuV)	Margin (dB)	
									QP	AV
NEUTRAL	0.159	9.59	29.15	38.74	65.52	19.70	29.29	55.52	-26.77	-26.22
NEUTRAL	0.190	9.59	30.17	39.76	64.02	2.34	11.93	54.02	-24.26	-42.09
NEUTRAL	0.207	9.59	34.10	43.69	63.32	28.10	37.69	53.32	-19.62	-15.62
NEUTRAL	0.244	9.59	29.01	38.61	61.95	14.75	24.34	51.95	-23.35	-27.61
NEUTRAL	7.728	9.71	20.05	29.76	60.00	15.04	24.75	50.00	-30.24	-25.25
NEUTRAL	10.019	9.74	26.58	36.32	60.00	22.47	32.21	50.00	-23.68	-17.79

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Level (dBuV) = Corr. Factor (dB) + Reading (dBuV)
3. Margin (dB) = Level (dBuV) – Limit (dBuV)

TEST REPORT

Appendix A: Test equipment list

Test Equipment/ Test site	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
EMI Test Receiver	Rohde & Schwarz	ESR7	101822	2021/08/16	2022/08/15
Signal Analyzer	Agilent	N9030A	MY51380492	2021/08/17	2022/08/16
Broadband Antenna	SHWARZBECK	VULB 9168	9168-172	2022/01/20	2023/01/19
Horn Antenna	EMCO	BBHA 9120 D	9120D-456	2022/01/21	2023/01/20
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170159	2021/04/08	2024/04/07
Broadband Amplifier	SGH	SGH118(45dB)	20220105-1	2022/01/07	2023/01/06
Pre-amplifier	SGH	SGH184	20201124-1	2021/12/06	2022/12/05
Power Meter	Anritsu	ML2495A	0844001	2021/10/17	2022/10/16
Power Sensor	Anritsu	MA2491A	031543	2022/03/07	2023/03/06
966-2(A) Cable	SUHNER	SMA / EX 100	N/A	2022/03/04	2023/03/03
966-2(B) Cable	SUHNER	SUCOFLEX 104P	CB0005	2022/03/04	2023/03/03
966-2 Cable	SUHNER	SUCOFLEX 104P	9403/4P	2021/11/30	2022/11/29
RF Cable	SUHNER	SUCOFLEX 104P	CB0006	2021/04/29	2022/04/28
966-2_3m Semi-Anechoic Chamber	966_2	CEM-966_2	N/A	2022/01/14	2023/01/13
Hight Pass Filter	Reactel	7HS-3G/18G-S1 1	N/A	2021/05/26	2022/05/25
20dB Attenuator	Mini-Circuits	BW-S20W5+	N/A	2021/05/26	2022/05/25
Test software	Audix	e3	V9	NCR	NCR

Note: No Calibration Required (NCR).

Appendix B: Measurement Uncertainty

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

Item	Uncertainty
Vertically polarized radiated disturbances from 30MHz~1GHz in a semi-anechoic chamber at a distance of 3m	5.16 dB
Horizontally polarized radiated disturbances from 30MHz~1GHz in a semi-anechoic chamber at a distance of 3m	5.02 dB
Radiated disturbances from 1GHz~18GHz in a semi-anechoic chamber at a distance of 3m	5.17 dB
Vertically polarized Radiated disturbances from 18GHz~26.5GHz in a semi-anechoic chamber at a distance of 1m	2.39 dB
Horizontally polarized Radiated disturbances from 18GHz~26.5GHz in a semi-anechoic chamber at a distance of 1m	2.39 dB
Emission on the Band Edge Test	4.32 dB
Maximum Peak Conducted Output Power	0.44 dB
Emissions In Non-Restricted Frequency Bands	1.27 dB
AC Power Line Conducted Emission	3.08 dB