FCC Test Report

Product Name	LV55
Model No	LVSKIHP
FCC ID.	NKR-LVSK-IHP

Applicant	Wistron NeWeb Corporation
Address	20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan

Date of Receipt	May 29 2020
Issue Date	Jul. 07, 2020
Report No.	2050962R-E3032110114
Report Version	V1.0

Testing Laboratory
3023

The test results relate only to the samples tested.
The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
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The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test Report

Issue Date: Jul. 07, 2020
Report No.: 2050962R-E3032110114

Product Name	LV55
Applicant	Wistron NeWeb Corporation
Address	20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer	Wistron NeWeb Corporation
Model No.	LVSKIHP
FCC ID.	NKR-LVSK-IHP
EUT Adapter Rated Voltage	AC 100-240V / 50-60Hz
EUT Adapter Test Voltage	AC 120V / 60Hz
Trade Name	WNC
`Applicable Standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By : Jinn Chen

(Senior Adm. Specialist / Jinn Chen)

Tested By : Ivan Chuang

(Senior Engineer / Ivan Chuang)

Approved By :

(Director / Vincent Lin)

Revision History

Report No.	Version	Description	Issued Date
2050962R-E3032110114	V1.0	Initial issue of report.	2020-07-07

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Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	LV55
Trade Name	WNC
Model No.	LVSKIHP
FCC ID.	NKR-LVSK-IHP
Frequency Range	2412-2462MHz for 802.11b/g/n/ac/ax-20BW 2422-2452MHz for 802.11n/ac/ax-40BW
Number of Channels	802.11b/g/n/ac/ax-20MHz: 11; 802.11n/ac/ax-40MHz: 7
Data Speed	802.11b: 1-11Mbps, 802.11g: 6-54Mbps, 802.11n: up to 300Mbps 802.11ac: up to 400Mbps, 802.11ax: up to 573.5Mbps
Channel separation	802.11b/g/n/ac/ax: 5 MHz
Type of Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n/ax: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Antenna Type	PIFA Antenna
Antenna Gain	Refer to the table “Antenna List”
Channel Control	Auto
Power Adapter	MFR: Delta, M/N: ADP-120VH D Input: AC 100-240V~2.5A, 50-60Hz Output: 20V, 6A Cable Out: Non-shielded, 3.0m Power Cord: Non-shielded, 2.0m
Hardware Version	0.0.2
Software Version	0.23.11.1dbg

Antenna List:

No.	Manufacturer	Part No.	Antenna Type	Gain
1.	WNC	95XKAC15.GDNVZ	Dipole antenna	3.36dBi
2.	WNC	95XKAC15.GDOVZ	Dipole antenna	

Note: The antenna of EUT is conforming to FCC 15.203.

802.11b/g/n/ac/ax-20MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2412 MHz	Channel 02:	2417 MHz	Channel 03:	2422 MHz	Channel 04:	2427 MHz
Channel 05:	2432 MHz	Channel 06:	2437 MHz	Channel 07:	2442 MHz	Channel 08:	2447 MHz
Channel 09:	2452 MHz	Channel 10:	2457 MHz	Channel 11:	2462 MHz		

802.11n/ac/ax-40MHz Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 03:	2422 MHz	Channel 04:	2427 MHz	Channel 05:	2432 MHz	Channel 06:	2437 MHz
Channel 07:	2442 MHz	Channel 08:	2447 MHz	Channel 09:	2452 MHz		

Note:

1. The EUT is a LV55 with built-in WLAN(802.11a/b/g/n/ac) transceiver, this report for 2.4GHz WLAN.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. These tests are conducted on a sample for the purpose of demonstrating compliance of 802.11b/g/n transmitter with Part 15 Subpart C Paragraph 15.247 of spread spectrum devices.

Test Mode:	Mode 1: Transmit (802.11b-CDD)
	Mode 2: Transmit (802.11g-CDD)
	Mode 3: Transmit (802.11n-20M-BW-CDD)
	Mode 4: Transmit (802.11n-40M-BW-CDD)
	Mode 5: Transmit (802.11ac-20M-BW-CDD)
	Mode 6: Transmit (802.11ac-40M-BW-CDD)
	Mode 7: Transmit (802.11ax-20M-BW-CDD)
	Mode 8: Transmit (802.11ax-40M-BW-CDD)
	Mode 9: Transmit (802.11n-20M-BW-Beamforming)
	Mode 10: Transmit (802.11n-40M-BW-Beamforming)
	Mode 11: Transmit (802.11ac-20M-BW-Beamforming)
	Mode 12: Transmit (802.11ac-40M-BW-Beamforming)
	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)
	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)
	Mode 15: Transmit (CDD)
	Mode 16: Transmit (Beamforming)

Note:1.There are two modes in Beamforming measuring item. One is "Nss=1" mode, and the other is "Nss=2" mode. The worst measuring result is "Nss=1" mode.

2.RU Config-edge Mode:20M for 26/0+26/8,40M for 106/53+106/56, 80M for 242/61+242/64

3.RU Config-center Mode:20M for 52/38+52/39,40M for 106/54+106/55,
80M for 106/54+242/62+242/63+106/59

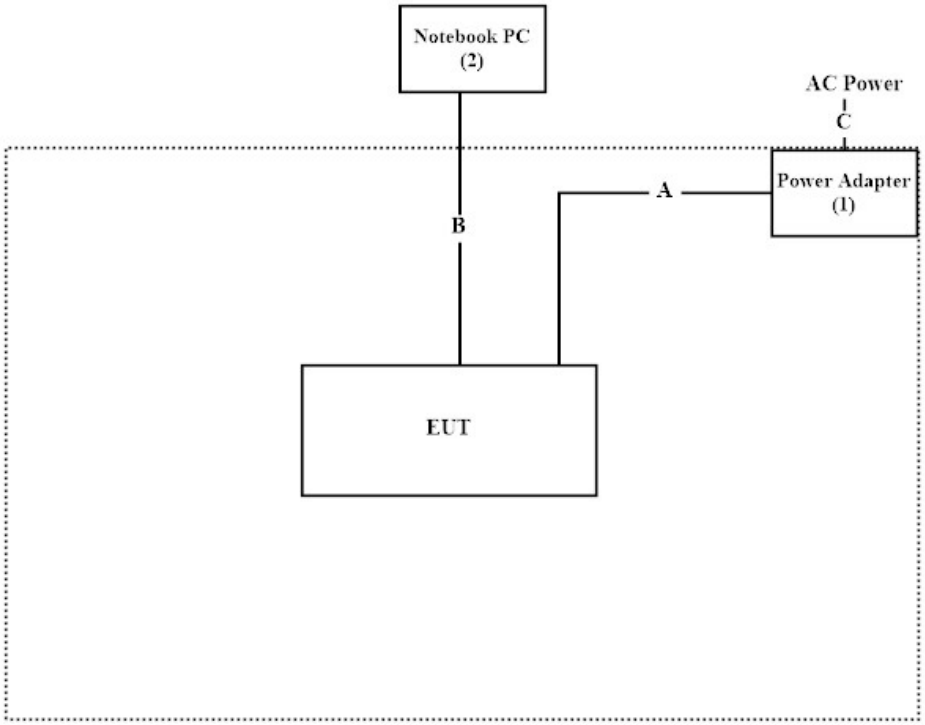
1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Power Adapter	Delta	ADP-120VH D	N/A	N/A
2	Notebook PC	DELL	Latitude 5501	9V4JL13	N/A

Signal Cable Type		Signal cable Description
A	Power Cable	Non-shielded, 3m
B	LAN Cable	Non-shielded, 2m
C	Power Cable	Non-shielded, 1.8m

1.4. Configuration of Tested System



1.5. EUT Exercise Software

1. Setup the EUT as shown in Section 1.4.
2. Execute software “QSPR v5.0-00163” on the Notebook PC.
3. Configure the test mode, the test channel, and the data rate.
4. Press “OK” to start the continuous Transmit.
5. Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10~40 °C	24.2 °C
	Humidity (%RH)	10~90 %	55.8 %
Radiated Emission	Temperature (°C)	10~40 °C	23.8 °C
	Humidity (%RH)	10~90 %	67.8 %
Conductive	Temperature (°C)	10~40 °C	22.5 °C
	Humidity (%RH)	10~90 %	55.8 %

USA : FCC Registration Number: TW0023

Canada : IC Registration Number: 25880

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No.159, Sec. 2, Wenhua 1st Rd., Linkou Dist.,
New Taipei City 24457, Taiwan, R.O.C.
Phone number : 886-2-2602-7968
Fax number : 866-2-2602-3286
Email address : info.tw@dekra.com
Website : http://www.dekra.com.tw

1.7. List of Test Item and Equipment

For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	101601	2020.05.28	2021.05.27
X	Two-Line V-Network	R&S	ENV216	101306	2020.03.25	2021.03.24
X	Two-Line V-Network	R&S	ENV216	101307	2020.04.17	2021.04.16
X	Coaxial Cable	DEKRA	RG400_BNC	RF001	2020.05.24	2021.05.23

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2.

For Conducted measurements /ASR2

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Spectrum Analyzer	R&S	FSV30	103466	2019.12.16	2020.12.15
X	Peak Power Analyzer	KEYSIGHT	8900B	MY51000539	2020.05.13	2021.05.12
X	Power Sensor	KEYSIGHT	N1923A	MY59240002	2020.05.22	2021.05.21
X	Power Sensor	KEYSIGHT	N1923A	MY59240003	2020.05.22	2021.05.21
	Bluetooth Tester	R&S	CBT	101238	2020.02.10	2021.02.11

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5.

For Radiated measurements /ACB1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	AMETEK	HLA6121	49611	2020.03.16	2021.03.15
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-675	2019.07.01	2020.06.30
X	Horn Antenna	ETS-Lindgren	3117	00203761	2019.10.31	2020.10.30
X	Horn Antenna	Com-Power	AH-840	101088	2019.08.29	2020.08.28
X	Pre-Amplifier	EMCI	EMC001330	980301	2020.06.04	2021.06.03
X	Pre-Amplifier	EMCI	EMC051835SE	980313	2019.09.17	2020.09.16
X	Pre-Amplifier	EMCI	EMC05820SE	980308	2019.09.02	2020.09.01
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2020.06.10	2021.06.09
X	Filter	MICRO TRONICS	BRM50702	G251	2019.09.03	2020.09.02
	Filter	MICRO TRONICS	BRM50716	G188	2019.09.03	2020.09.02
X	EMI Test Receiver	R&S	ESR7	101602	2019.12.16	2020.12.15
X	Spectrum Analyzer	R&S	FSV40	101148	2020.03.16	2021.03.15
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2019.07.03	2020.07.02
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2020.06.10	2021.06.09

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2.

1.8. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

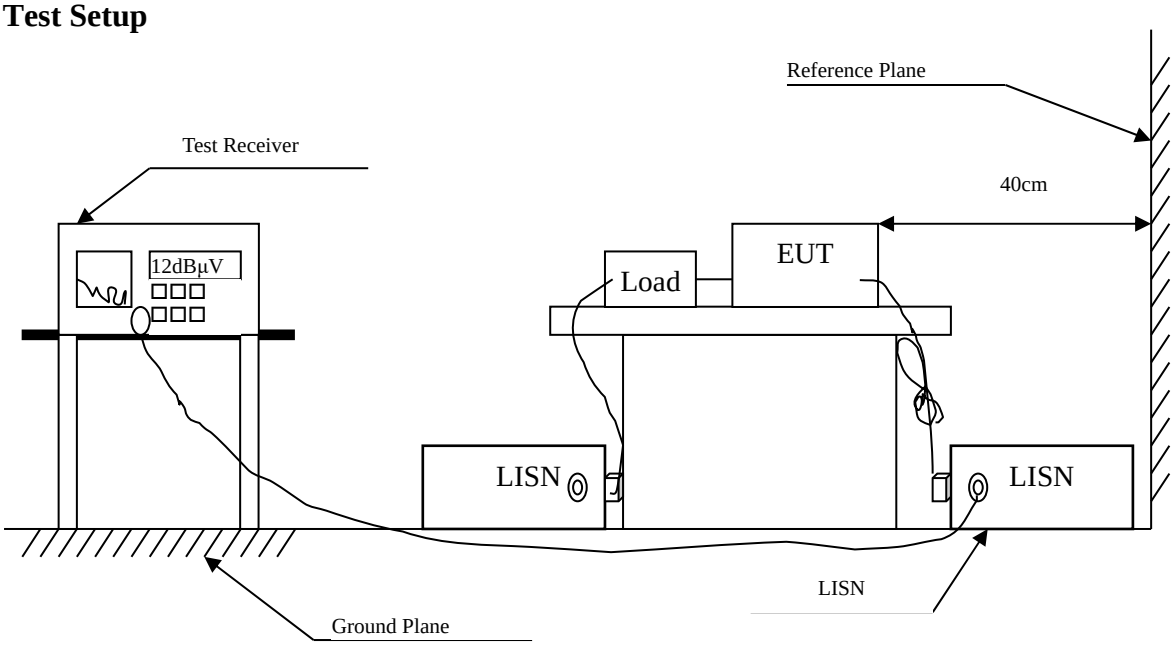
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test item	**Uncertainty**	
Conducted Emission	±3.42 dB	
Peak Power Output	Power Meter ±0.91 dB	
Radiated Emission	Under 1GHz ±4.06 dB	Above 1GHz ±3.73 dB
RF Antenna Conducted Test	±2.53 dB	
Band Edge	Under 1GHz ±4.06 dB	Above 1GHz ±3.73 dB
6dB Bandwidth	±682.83 Hz	
Power Density	±2.53 dB	
Duty Cycle	±2.31 ms	

2. Conducted Emission

2.1. Test Setup



2.2. Limits

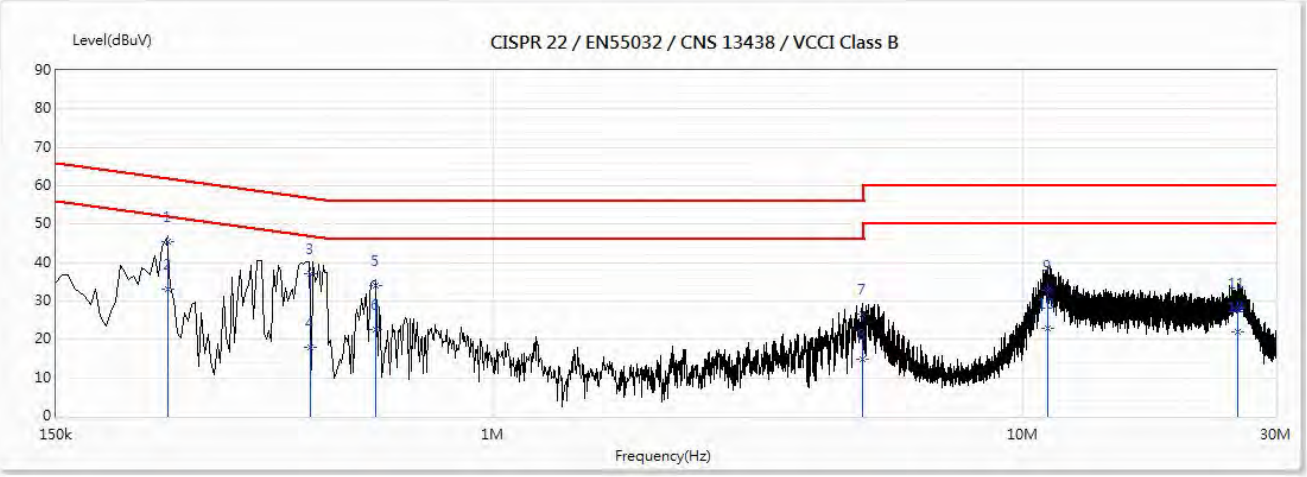
FCC Part 15 Subpart C Paragraph 15.207 (dBµV) Limit		
Frequency MHz	Limits	
	QP	AVG
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

2.3. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.4. Test Result of Conducted Emission

Product : LV55
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2437MHz) (RU Config-Full)
Test Date : 2020/07/03

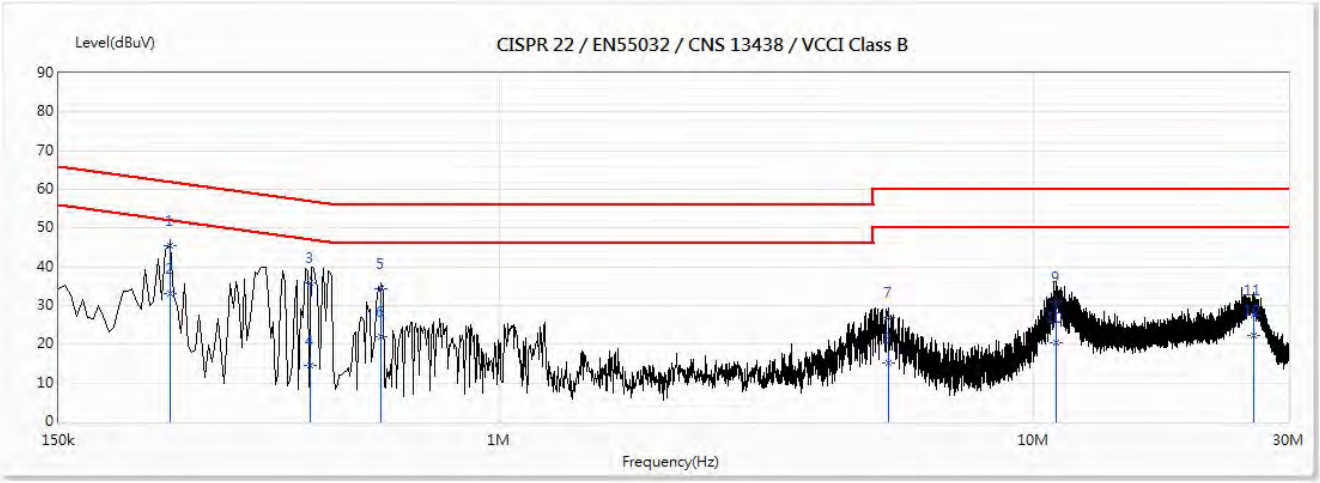


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.243	45.46	61.99	-16.53	35.82	9.64	QP
2	0.243	32.97	51.99	-19.02	23.33	9.64	AV
3	0.452	37.06	56.84	-19.78	27.41	9.65	QP
4	0.452	18.01	46.84	-28.82	8.37	9.65	AV
5	0.602	34.15	56.00	-21.85	24.49	9.65	QP
6	0.602	22.63	46.00	-23.37	12.97	9.65	AV
7	4.979	26.68	56.00	-29.32	16.90	9.78	QP
8	4.979	14.73	46.00	-31.27	4.95	9.78	AV
9	11.157	32.91	60.00	-27.09	23.02	9.89	QP
10	11.157	22.91	50.00	-27.09	13.01	9.89	AV
11	25.397	28.21	60.00	-31.79	18.25	9.96	QP
12	25.397	22.10	50.00	-27.90	12.14	9.96	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * " means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : LV55
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2437MHz) (RU Config-Full)
Test Date : 2020/07/03

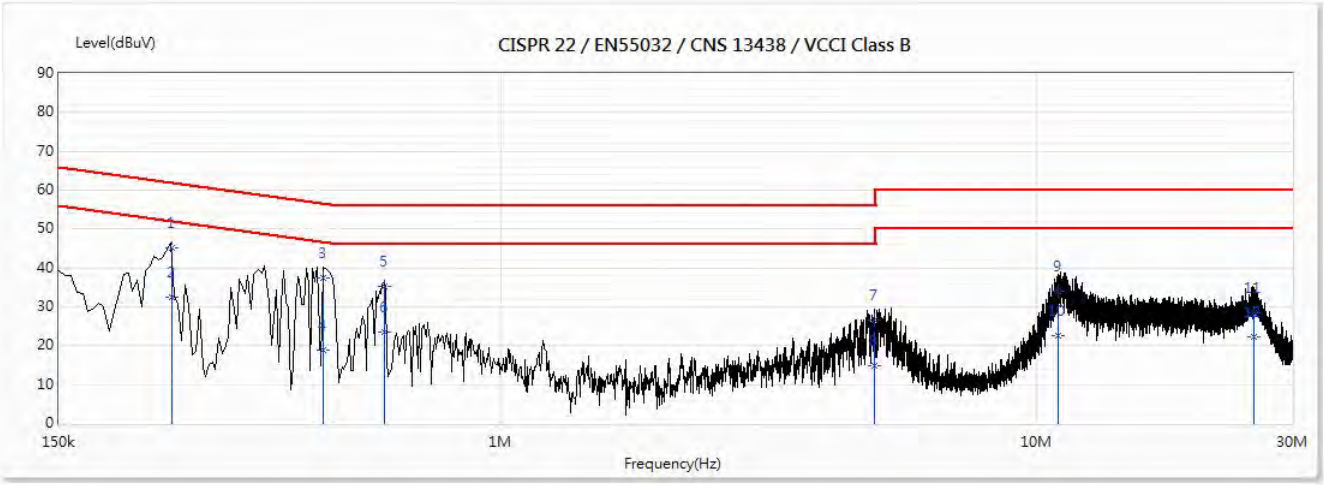


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.242	45.37	62.01	-16.65	35.71	9.66	QP
2	0.242	33.02	52.01	-19.00	23.37	9.66	AV
3	0.444	35.92	56.99	-21.07	26.27	9.66	QP
4	0.444	14.61	46.99	-32.38	4.95	9.66	AV
5	0.601	34.33	56.00	-21.67	24.67	9.66	QP
6	0.601	21.91	46.00	-24.09	12.25	9.66	AV
7	5.346	26.87	60.00	-33.13	17.07	9.79	QP
8	5.346	15.02	50.00	-34.98	5.23	9.79	AV
9	11.052	31.06	60.00	-28.94	21.14	9.92	QP
10	11.052	20.40	50.00	-29.60	10.48	9.92	AV
11	25.878	27.67	60.00	-32.33	17.59	10.08	QP
12	25.878	22.16	50.00	-27.84	12.08	10.08	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : LV55
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2437MHz)
Test Date : 2020/07/03

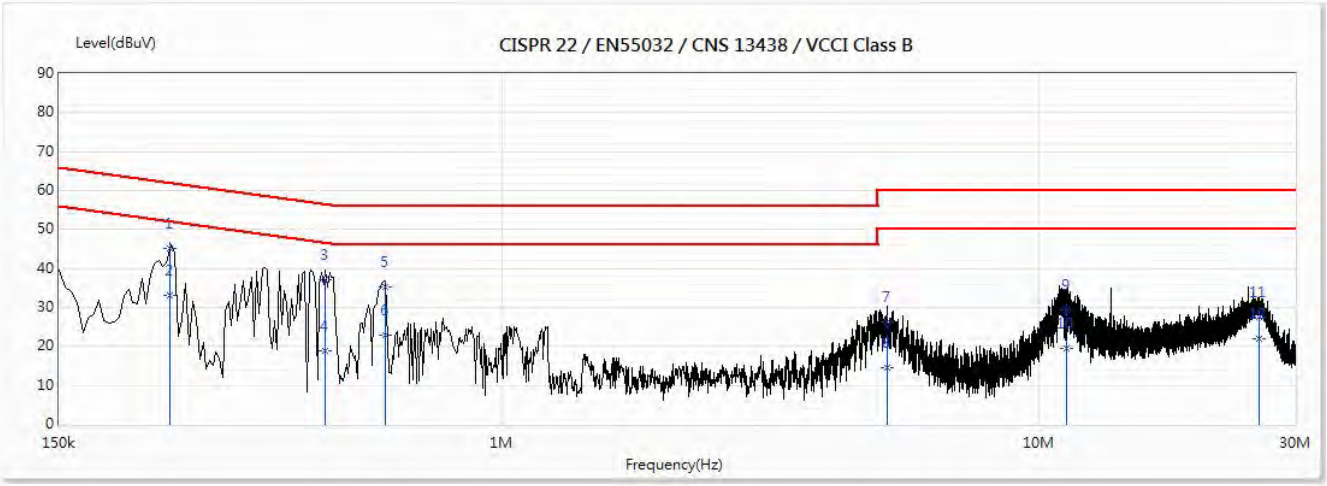


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.244	45.28	61.97	-16.69	35.64	9.64	QP
2	0.244	32.52	51.97	-19.45	22.89	9.64	AV
3	0.467	37.27	56.56	-19.29	27.62	9.65	QP
4	0.467	18.72	46.56	-27.84	9.07	9.65	AV
5	0.608	35.35	56.00	-20.65	25.70	9.65	QP
6	0.608	23.41	46.00	-22.59	13.75	9.65	AV
7	4.984	26.74	56.00	-29.26	16.97	9.78	QP
8	4.984	14.84	46.00	-31.16	5.07	9.78	AV
9	10.952	34.04	60.00	-25.96	24.14	9.89	QP
10	10.952	22.68	50.00	-27.32	12.79	9.89	AV
11	25.472	28.35	60.00	-31.65	18.39	9.96	QP
12	25.472	22.28	50.00	-27.72	12.32	9.96	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : LV55
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2437MHz)
Test Date : 2020/07/03



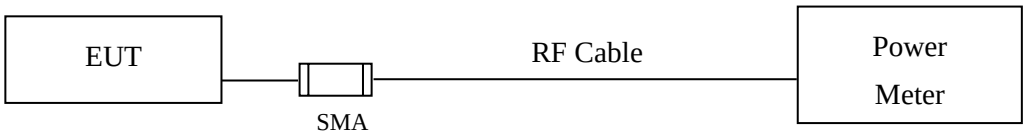
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.242	45.12	62.04	-16.92	35.47	9.66	QP
2	0.242	33.14	52.04	-18.90	23.49	9.66	AV
3	0.469	37.16	56.53	-19.37	27.50	9.66	QP
4	0.469	18.84	46.53	-27.69	9.18	9.66	AV
5	0.608	35.26	56.00	-20.74	25.60	9.66	QP
6	0.608	22.84	46.00	-23.16	13.18	9.66	AV
7	5.225	26.40	60.00	-33.60	16.60	9.79	QP
8	5.225	14.39	50.00	-35.61	4.60	9.79	AV
9	11.268	29.53	60.00	-30.47	19.61	9.93	QP
10	11.268	19.53	50.00	-30.47	9.61	9.93	AV
11	25.683	27.55	60.00	-32.45	17.47	10.08	QP
12	25.683	21.99	50.00	-28.01	11.91	10.08	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3. Peak Power Output

3.1. Test Setup



3.2. Limits

The maximum peak power shall be less 1 Watt.

3.3. Test Procedure

The EUT was tested according to C63.10:2013 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using C63.10:2013 Section 11.9.1.3 PKPM1 Peak power meter method. The maximum average conducted output power using C63.10:2013 Section 11.9.2.3 Measurement using a power meter (PM). (Measurement using a gated RF average-reading power meter).

3.4. Test Result of Peak Power Output

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 1: Transmit (802.11b-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate				Max Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	20.02	--	--	--	20.02	<30dBm	Pass
06	2437	21.22	21.17	21.10	21.04	21.22	<30dBm	Pass
11	2462	20.36	--	--	--	20.36	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Max Power	Required Limit	Result
		1	2	5.5	11	1		
		Measurement Level (dBm)						
01	2412	20.99	--	--	--	20.99	<30dBm	Pass
06	2437	21.98	21.94	21.88	21.82	21.98	<30dBm	Pass
11	2462	20.75	--	--	--	20.75	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	1	20.02	20.99	23.54	<30dBm	Pass
06	2437	1	21.22	21.98	24.63	<30dBm	Pass
11	2462	1	20.36	20.75	23.57	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 2: Transmit (802.11g-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Max Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	20.01	--	--	--	--	--	--	--	20.01	<30dBm	Pass
06	2437	21.27	21.21	21.17	21.13	21.08	21.05	20.99	20.93	21.27	<30dBm	Pass
11	2462	21.11	--	--	--	--	--	--	--	21.11	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Max Power	Required Limit	Result
		6	9	12	18	24	36	48	54	6		
		Measurement Level (dBm)										
01	2412	20.11	--	--	--	--	--	--	--	20.11	<30dBm	Pass
06	2437	21.31	21.27	21.22	21.16	21.10	21.05	21.01	20.95	21.31	<30dBm	Pass
11	2462	21.19	--	--	--	--	--	--	--	21.19	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (Mbps)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	6	20.01	20.11	23.07	<30dBm	Pass
06	2437	6	21.27	21.31	24.30	<30dBm	Pass
11	2462	6	21.11	21.19	24.16	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 3: Transmit (802.11n-20M-BW-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.18	--	--	--	--	--	--	--	20.18	<30dBm	Pass
06	2437	21.12	21.06	21.02	20.98	20.93	20.89	20.83	20.8	21.12	<30dBm	Pass
11	2462	21.28	--	--	--	--	--	--	--	21.28	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.34	--	--	--	--	--	--	--	20.34	<30dBm	Pass
06	2437	20.86	20.79	20.74	20.68	20.65	20.6	20.55	20.51	20.86	<30dBm	Pass
11	2462	21.05	--	--	--	--	--	--	--	21.05	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	20.18	20.34	23.27	<30dBm	Pass
06	2437	0	21.12	20.86	24.00	<30dBm	Pass
11	2462	0	21.28	21.05	24.18	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 4: Transmit (802.11n-40M-BW-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.28	--	--	--	--	--	--	--	20.28	<30dBm	Pass
06	2437	20.89	20.83	20.8	20.77	20.72	20.67	20.6	20.53	20.89	<30dBm	Pass
09	2452	21.04	--	--	--	--	--	--	--	21.04	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.32	--	--	--	--	--	--	--	20.32	<30dBm	Pass
06	2437	20.96	20.9	20.86	20.83	20.79	20.75	20.71	20.66	20.96	<30dBm	Pass
09	2452	21.13	--	--	--	--	--	--	--	21.13	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.28	20.32	23.31	<30dBm	Pass
06	2437	0	20.89	20.96	23.94	<30dBm	Pass
09	2452	0	21.04	21.13	24.10	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 5: Transmit (802.11ac-20M-BW-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.12	--	--	--	--	--	--	--	20.12	<30dBm	Pass
06	2437	21.05	20.01	19.96	19.9	19.84	19.79	19.73	19.67	21.05	<30dBm	Pass
11	2462	21.11	--	--	--	--	--	--	--	21.11	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.29	--	--	--	--	--	--	--	20.29	<30dBm	Pass
06	2437	20.83	20.77	20.73	20.69	20.62	20.56	20.51	20.48	20.83	<30dBm	Pass
11	2462	20.96	--	--	--	--	--	--	--	20.96	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	20.12	20.29	23.22	<30dBm	Pass
06	2437	0	21.05	20.83	23.95	<30dBm	Pass
11	2462	0	21.11	20.96	24.05	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 6: Transmit (802.11ac-40M-BW-CDD)
Test Date : 2020/07/06

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.16	--	--	--	--	--	--	--	20.16	<30dBm	Pass
06	2437	20.89	20.85	20.79	20.74	20.69	20.66	20.61	20.57	20.89	<30dBm	Pass
09	2452	21.23	--	--	--	--	--	--	--	21.23	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.32	--	--	--	--	--	--	--	20.32	<30dBm	Pass
06	2437	21.14	21.1	21.03	20.99	20.92	20.89	20.82	20.76	21.14	<30dBm	Pass
09	2452	21.08	--	--	--	--	--	--	--	21.08	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.16	20.32	23.25	<30dBm	Pass
06	2437	0	20.89	21.14	24.03	<30dBm	Pass
09	2452	0	21.23	21.08	24.17	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-Full)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	20.53	--	--	--	--	--	--	--	--	--	--	--	20.53	<30dBm	Pass
06	2437	21.36	21.32	21.26	21.22	21.16	21.13	21.1	21.05	20.98	20.93	20.88	20.84	21.36	<30dBm	Pass
11	2462	21.42	--	--	--	--	--	--	--	--	--	--	--	21.42	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	20.61	--	--	--	--	--	--	--	--	--	--	--	20.61	<30dBm	Pass
06	2437	21.19	21.15	21.09	21.03	20.97	20.93	20.87	20.81	20.74	20.68	20.64	20.58	21.19	<30dBm	Pass
11	2462	21.39	--	--	--	--	--	--	--	--	--	--	--	21.39	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
1	2412	0	20.53	20.61	23.58	<30dBm	Pass
6	2437	0	21.36	21.19	24.29	<30dBm	Pass
11	2462	0	21.42	21.39	24.42	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-Full)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	20.42	--	--	--	--	--	--	--	--	--	--	--	20.42	<30dBm	Pass
06	2437	21.26	21.19	21.16	21.11	21.06	21.01	20.95	20.91	20.84	20.77	20.73	20.68	21.26	<30dBm	Pass
09	2452	21.46	--	--	--	--	--	--	--	--	--	--	--	21.46	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	20.67	--	--	--	--	--	--	--	--	--	--	--	20.67	<30dBm	Pass
06	2437	21.37	21.31	21.26	21.21	21.16	21.1	21.07	21.02	20.99	20.94	20.88	20.84	21.37	<30dBm	Pass
09	2452	21.44	--	--	--	--	--	--	--	--	--	--	--	21.44	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.42	20.67	23.56	<30dBm	Pass
06	2437	0	21.26	21.37	24.33	<30dBm	Pass
09	2452	0	21.46	21.44	24.46	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-center mode)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	10.93	10.89	10.83	10.78	10.72	10.66	10.59	10.53	10.48	10.44	10.37	10.3	10.93	<30dBm	Pass
11	2462	12.33	12.3	12.24	12.21	12.16	12.1	12.07	12.01	11.98	11.94	11.88	11.83	12.33	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	10.97	10.92	10.86	10.82	10.75	10.7	10.63	10.57	10.53	10.49	10.45	10.41	10.97	<30dBm	Pass
11	2462	12.02	11.96	11.91	11.87	11.82	11.77	11.71	11.66	11.63	11.56	11.51	11.44	12.02	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	10.93	10.97	13.96	<30dBm	Pass
11	2462	0	12.33	12.02	15.19	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-center mode)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	14.08	14.04	14	13.95	13.91	13.87	13.83	13.77	13.73	13.67	13.61	13.54	14.08	<30dBm	Pass
09	2452	15.59	15.52	15.46	15.41	15.37	15.34	15.28	15.25	15.21	15.16	15.1	15.03	15.59	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	14.02	13.96	13.89	13.82	13.79	13.72	13.68	13.62	13.57	13.53	13.5	13.46	14.02	<30dBm	Pass
09	2452	15.26	15.23	15.16	15.1	15.03	14.97	14.9	14.85	14.79	14.75	14.69	14.66	15.26	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	14.08	14.02	17.06	<30dBm	Pass
09	2452	0	15.59	15.26	18.44	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-edges mode)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	11.02	10.99	10.94	10.9	10.87	10.81	10.74	10.71	10.64	10.59	10.54	10.49	11.02	<30dBm	Pass
11	2462	12.42	12.36	12.31	12.26	12.21	12.16	12.11	12.05	12	11.95	11.91	11.86	12.42	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	11.04	11	10.94	10.9	10.84	10.79	10.73	10.7	10.66	10.61	10.57	10.51	11.04	<30dBm	Pass
11	2462	12.54	12.48	12.44	12.39	12.34	12.28	12.24	12.18	12.15	12.1	12.06	12.01	12.54	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	11.02	11.04	14.04	<30dBm	Pass
11	2462	0	12.42	12.54	15.49	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-edges mode)
Test Date : 2020/06/18

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	14.02	14.06	14	13.94	13.9	13.84	13.79	13.73	13.68	13.64	13.59	13.54	14.02	<30dBm	Pass
09	2452	15.49	15.45	15.41	15.36	15.31	15.25	15.18	15.14	15.11	15.06	15	14.94	15.49	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (Mbps)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	14.1	14.04	13.98	13.92	13.87	13.84	13.81	13.75	13.68	13.64	13.6	13.55	14.1	<30dBm	Pass
09	2452	15.23	15.19	15.13	15.1	15.06	15.03	14.96	14.93	14.9	14.85	14.81	14.75	15.23	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	14.02	14.10	17.07	<30dBm	Pass
09	2452	0	15.49	15.23	18.37	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 9: Transmit (802.11n-20M-BW-Beamforming)
Test Date : 2020/07/08

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.15	--	--	--	--	--	--	--	20.15	<30dBm	Pass
06	2437	21.02	20.96	20.9	20.84	20.8	20.76	20.72	20.65	21.02	<30dBm	Pass
11	2462	21.13	--	--	--	--	--	--	--	21.13	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.25	--	--	--	--	--	--	--	20.25	<30dBm	Pass
06	2437	20.98	20.95	20.91	20.88	20.83	20.77	20.73	20.69	20.98	<30dBm	Pass
11	2462	21.19	--	--	--	--	--	--	--	21.19	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	20.15	20.25	23.21	<30dBm	Pass
06	2437	0	21.02	20.98	24.01	<30dBm	Pass
11	2462	0	21.13	21.19	24.17	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 10: Transmit (802.11n-40M-BW-Beamforming)
Test Date : 2020/07/08

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.17	--	--	--	--	--	--	--	20.17	<30dBm	Pass
06	2437	21.06	21.03	20.96	20.9	20.83	20.8	20.75	20.69	21.06	<30dBm	Pass
09	2452	21.09	--	--	--	--	--	--	--	21.09	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.28	--	--	--	--	--	--	--	20.28	<30dBm	Pass
06	2437	21.17	21.13	21.09	21.03	20.99	20.95	20.89	20.82	21.17	<30dBm	Pass
09	2452	21.08	--	--	--	--	--	--	--	21.08	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.17	20.28	23.24	<30dBm	Pass
06	2437	0	21.06	21.17	24.13	<30dBm	Pass
09	2452	0	21.09	21.08	24.10	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 11: Transmit (802.11ac-20M-BW-Beamforming)
Test Date : 2020/07/08

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.11	--	--	--	--	--	--	--	20.11	<30dBm	Pass
06	2437	21.02	20.96	20.93	20.9	20.86	20.82	20.78	20.73	21.02	<30dBm	Pass
11	2462	21.28	--	--	--	--	--	--	--	21.28	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
01	2412	20.28	--	--	--	--	--	--	--	20.28	<30dBm	Pass
06	2437	20.97	20.92	20.88	20.83	20.8	20.75	20.69	20.62	20.97	<30dBm	Pass
11	2462	21.17	--	--	--	--	--	--	--	21.17	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	20.11	20.28	23.21	<30dBm	Pass
06	2437	0	21.02	20.97	24.01	<30dBm	Pass
11	2462	0	21.28	21.17	24.24	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 12: Transmit (802.11ac-40M-BW-Beamforming)
Test Date : 2020/07/08

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.17	--	--	--	--	--	--	--	20.17	<30dBm	Pass
06	2437	21.03	20.99	20.94	20.91	20.87	20.82	20.76	20.71	21.03	<30dBm	Pass
09	2452	21.05	--	--	--	--	--	--	--	21.05	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)								Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	0		
		Measurement Level (dBm)										
03	2422	20.28	--	--	--	--	--	--	--	20.28	<30dBm	Pass
06	2437	21.19	21.13	21.09	21.05	20.99	20.92	20.89	20.85	21.19	<30dBm	Pass
09	2452	21.17	--	--	--	--	--	--	--	21.17	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.17	20.28	23.24	<30dBm	Pass
06	2437	0	21.03	21.19	24.12	<30dBm	Pass
09	2452	0	21.05	21.17	24.12	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 13: Transmit (802.11ax-20M-BW-Beamforming)
Test Date : 2020/07/03

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	20.22	--	--	--	--	--	--	--	--	--	--	--	20.22	<30dBm	Pass
06	2437	21.14	21.1	21.05	20.99	20.96	20.91	20.84	20.8	20.75	20.71	20.65	20.6	21.14	<30dBm	Pass
11	2462	21.32	--	--	--	--	--	--	--	--	--	--	--	21.32	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
01	2412	20.36	--	--	--	--	--	--	--	--	--	--	--	20.36	<30dBm	Pass
06	2437	21.05	20.99	20.93	20.9	20.86	20.83	20.79	20.73	20.67	20.62	20.56	20.51	21.05	<30dBm	Pass
11	2462	21.28	--	--	--	--	--	--	--	--	--	--	--	21.28	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
01	2412	0	20.22	20.36	23.30	<30dBm	Pass
06	2437	0	21.14	21.05	24.11	<30dBm	Pass
11	2462	0	21.32	21.28	24.31	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

Product : LV55
Test Item : Peak Power Output Data
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming)
Test Date : 2020/07/03

Chain A

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	20.24	--	--	--	--	--	--	--	--	--	--	--	20.24	<30dBm	Pass
06	2437	21.17	21.13	21.08	21.04	20.98	20.92	20.85	20.79	20.76	20.71	20.65	20.58	21.17	<30dBm	Pass
09	2452	21.22	--	--	--	--	--	--	--	--	--	--	--	21.22	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain B

Channel No	Frequency (MHz)	Average Power For different Data Rate (MCS index)												Max Power	Required Limit	Result
		0	1	2	3	4	5	6	7	8	9	10	11	0		
		Measurement Level (dBm)														
03	2422	20.37	--	--	--	--	--	--	--	--	--	--	--	20.37	<30dBm	Pass
06	2437	21.29	21.22	21.17	21.13	21.07	21.02	20.99	20.92	20.87	20.81	20.75	20.72	21.29	<30dBm	Pass
09	2452	21.31	--	--	--	--	--	--	--	--	--	--	--	21.31	<30dBm	Pass

Note: Peak Power Output Value =Reading value on power meter + cable loss

Chain A+B

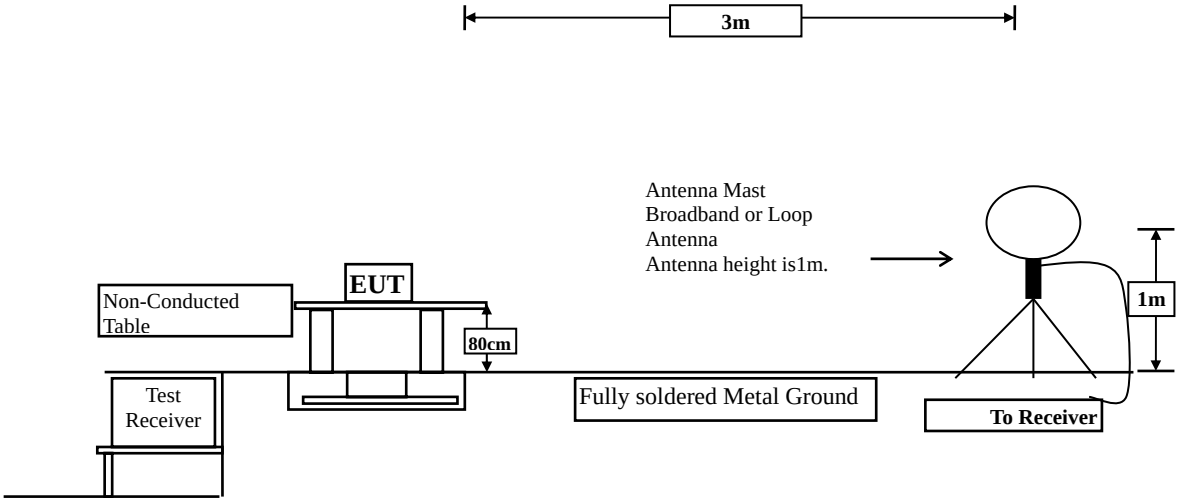
Channel	Frequency (MHz)	Data Rata (MCS index)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
03	2422	0	20.24	20.37	23.32	<30dBm	Pass
06	2437	0	21.17	21.29	24.24	<30dBm	Pass
09	2452	0	21.22	21.31	24.28	<30dBm	Pass

Note: Peak Power Output Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW))

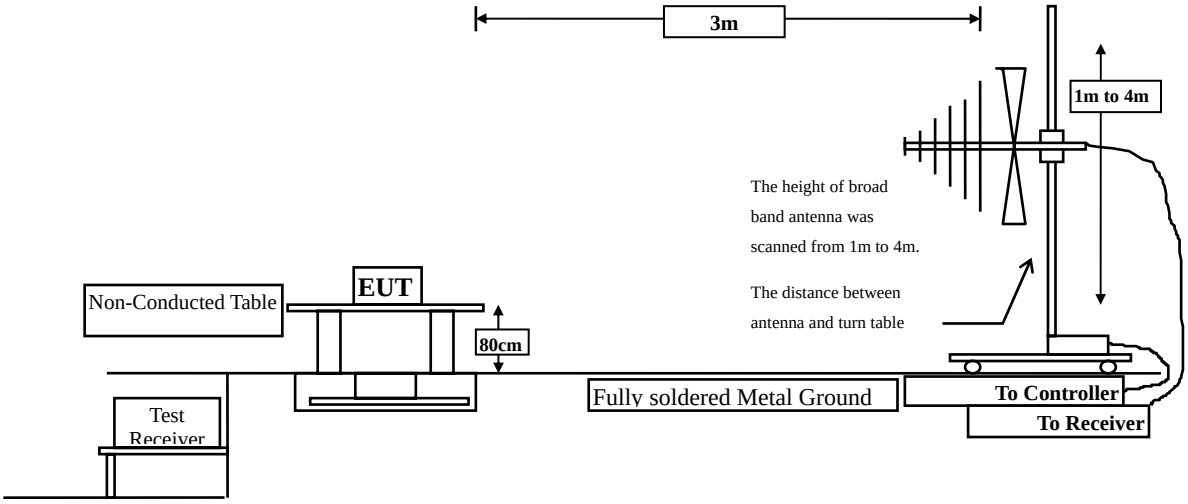
4. Radiated Emission

4.1. Test Setup

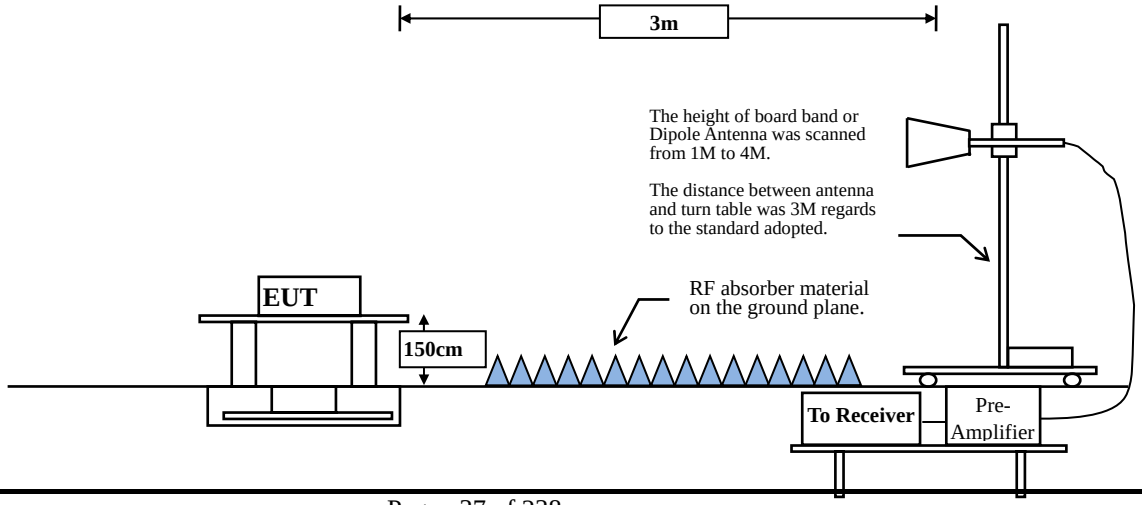
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



4.2. Limits

➢ **General Radiated Emission Limits**

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
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

Remarks:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground,when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The measurement frequency range form 9kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

VBW ≥ 3 x RBW.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 1/T, when duty cycle < 98 %

(T refers to 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.)

CDD Mode:

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11b	61.64	1.3044	767	1000
802.11g	93.40	1.4348	697	1000
802.11ax20 (RU Config-Full)	95.20	5.4638	183	200
802.11ax40 (RU Config-Full)	96.17	5.4638	183	200
802.11ax20 (RU Config-edges mode)	89.80	3.1884	314	500
802.11ax40 (RU Config-edges mode)	86.24	3.3623	297	300

Beamforming Mode:

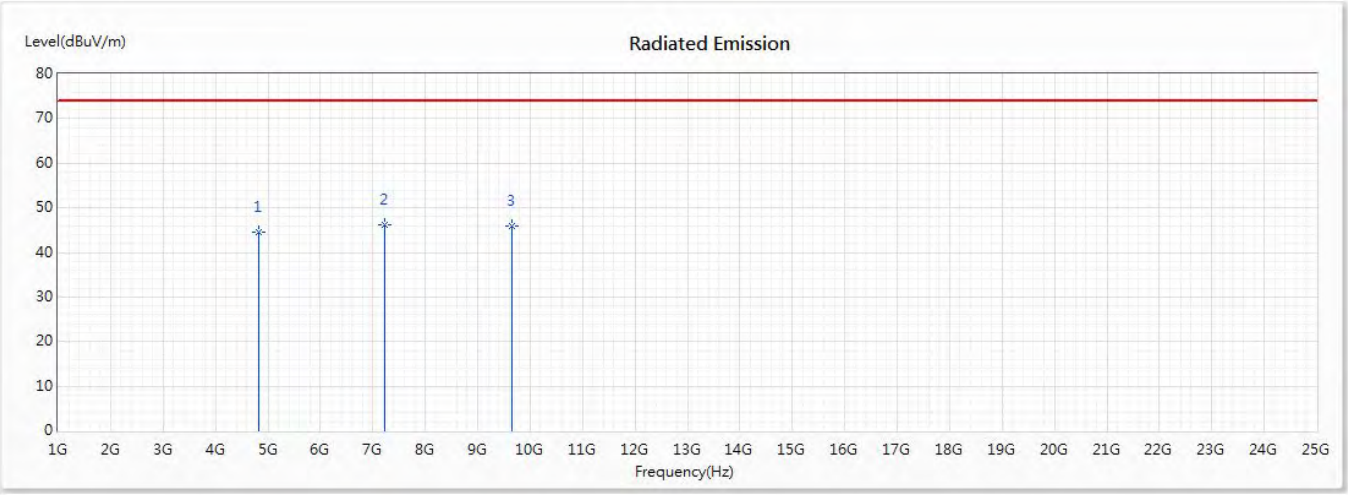
2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11ax20	90.76	3.6304	275	300
802.11ax40	67.81	2.0145	496	500

Note: Duty Cycle Refer to Section 9

4.4. Test Result of Radiated Emission

Product : LV55
Test Item : Harmonic Radiated Emission Data
Test Mode : Mode 1: Transmit (802.11b-CDD) (2412MHz) +LTE Band 2 Link+BLE
Test Date : 2020/06/13

Horizontal



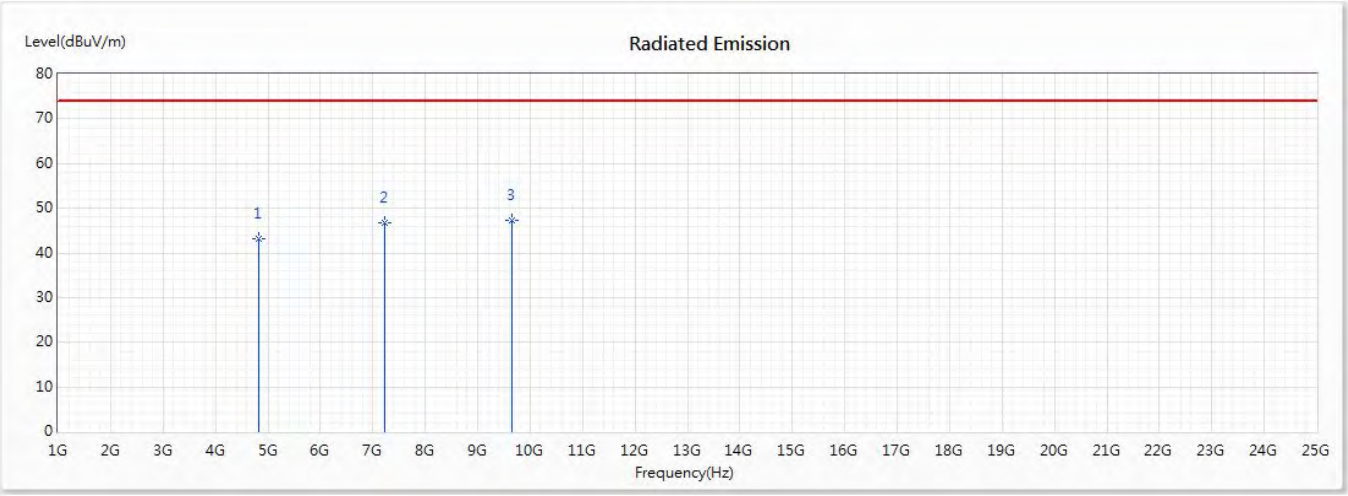
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	44.55	74.00	-29.45	46.15	-1.60	PK
* 2	7236	46.30	74.00	-27.70	44.44	1.86	PK
3	9648	45.84	74.00	-28.16	41.35	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2412MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/13

Vertical



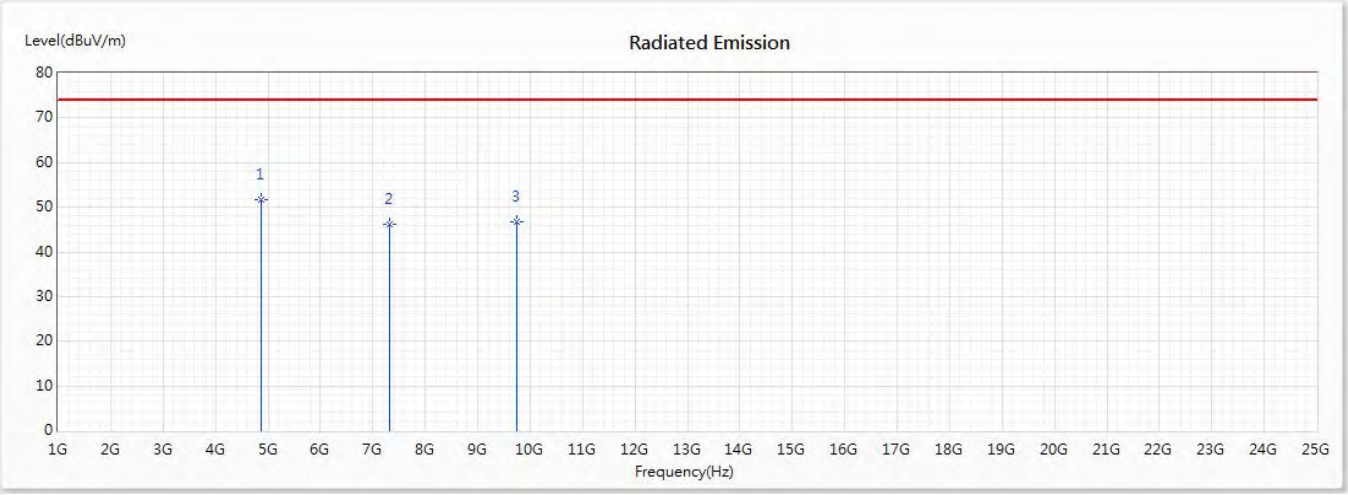
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	43.29	74.00	-30.71	44.89	-1.60	PK
2	7236	46.68	74.00	-27.32	44.82	1.86	PK
* 3	9648	47.32	74.00	-26.68	42.83	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2437 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/13

Horizontal



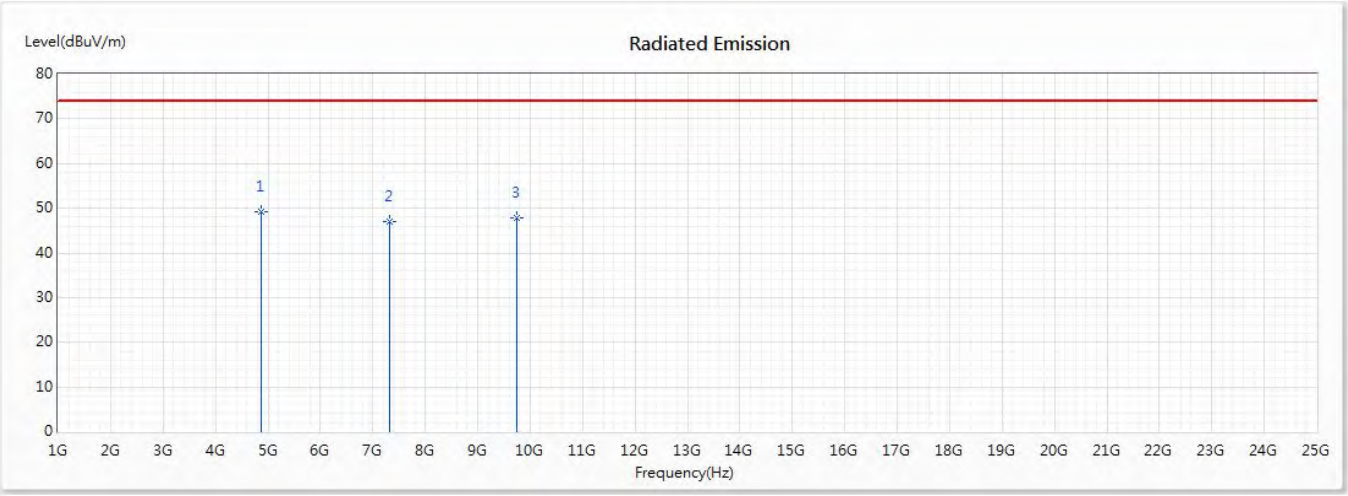
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	51.65	74.00	-22.35	53.36	-1.71	PK
2	7311	46.13	74.00	-27.87	44.27	1.86	PK
3	9748	46.87	74.00	-27.13	42.12	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2437 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/13

Vertical



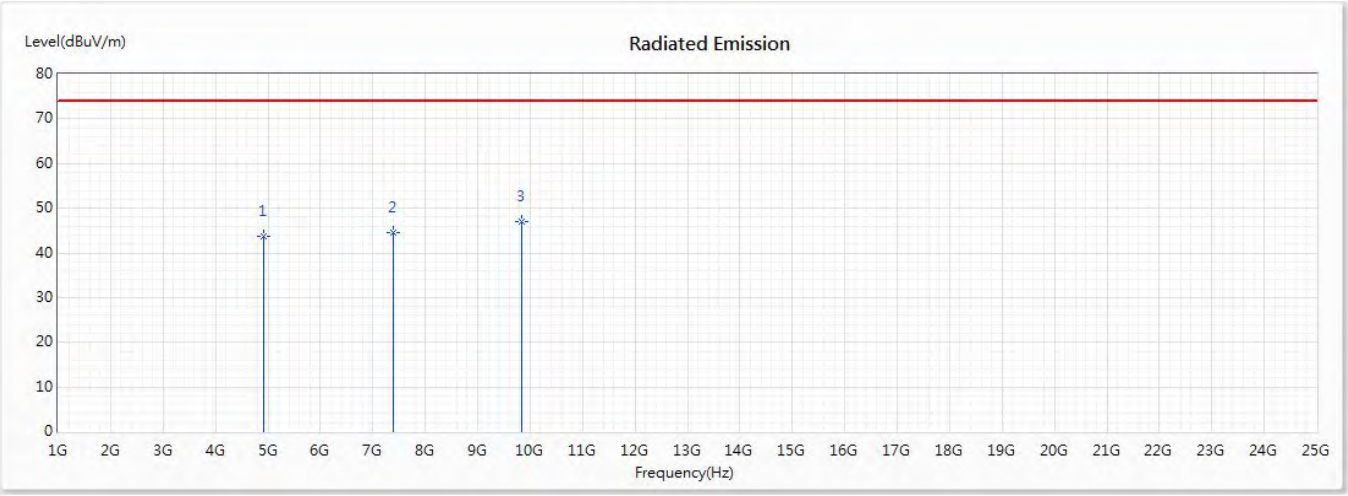
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	49.22	74.00	-24.78	50.93	-1.71	PK
2	7311	47.07	74.00	-26.93	45.21	1.86	PK
3	9748	47.75	74.00	-26.25	43.00	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/13

Horizontal



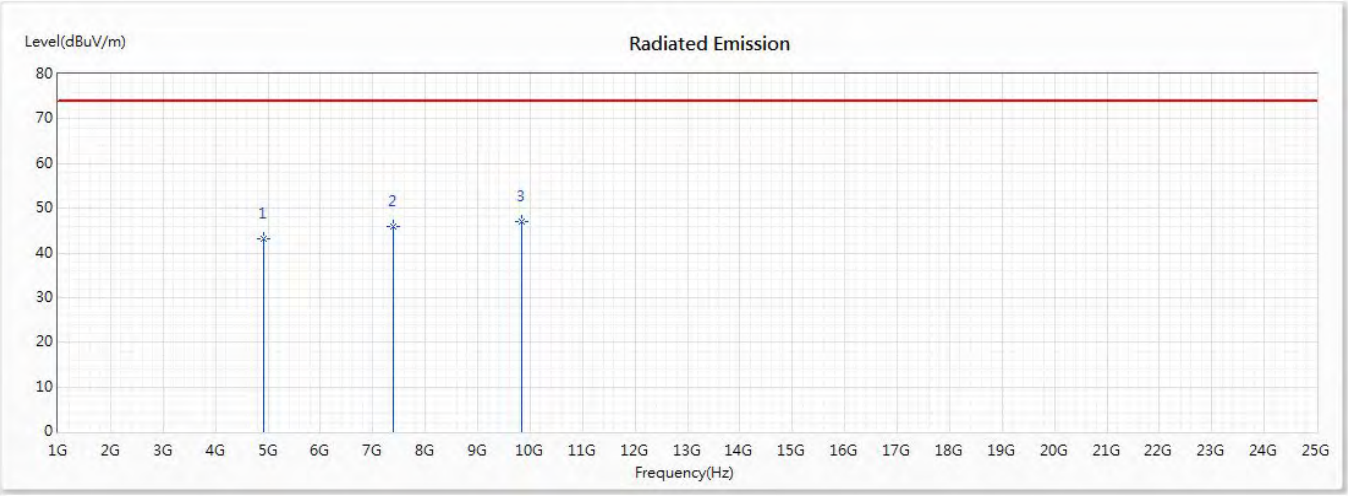
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	43.79	74.00	-30.21	45.37	-1.58	PK
2	7386	44.55	74.00	-29.45	42.62	1.93	PK
* 3	9848	46.97	74.00	-27.03	41.91	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/13

Vertical



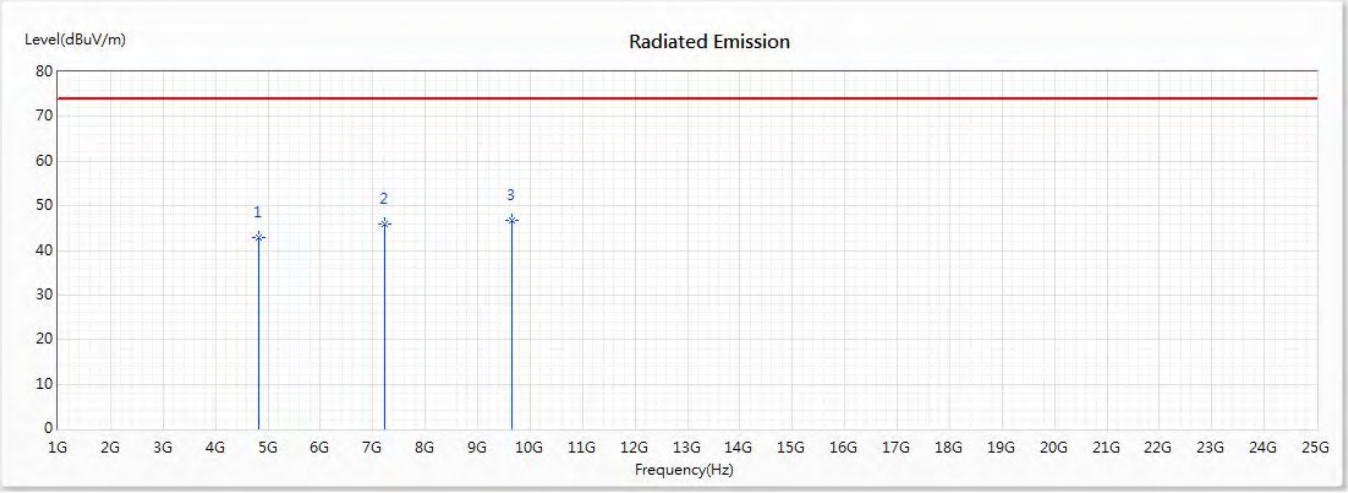
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	43.24	74.00	-30.76	44.82	-1.58	PK
2	7386	46.01	74.00	-27.99	44.08	1.93	PK
* 3	9848	46.90	74.00	-27.10	41.84	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Horizontal



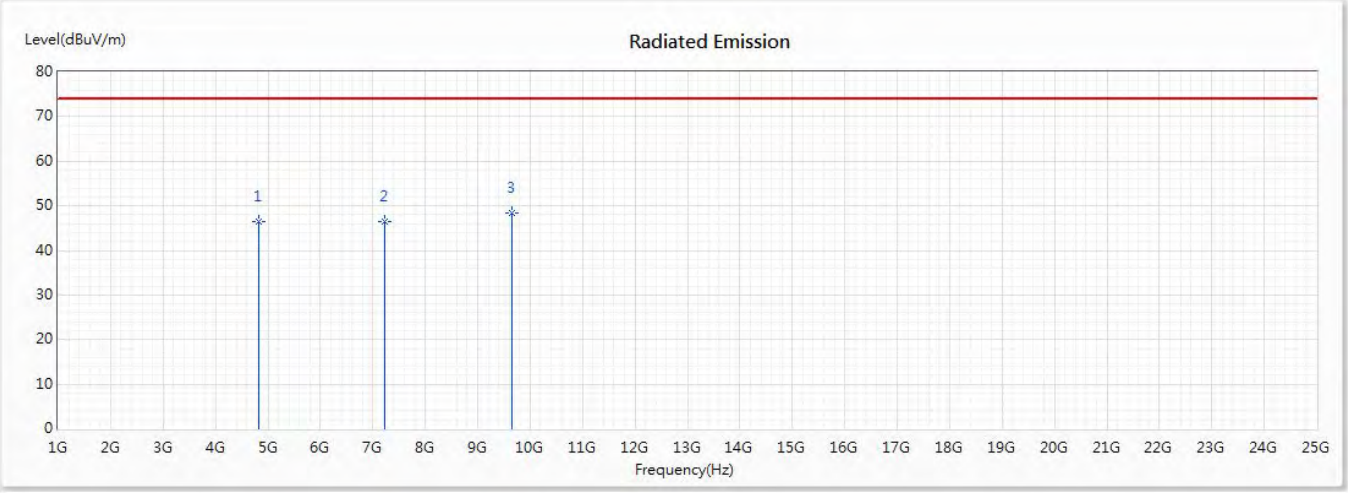
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	42.83	74.00	-31.17	44.43	-1.60	PK
2	7236	45.99	74.00	-28.01	44.13	1.86	PK
* 3	9648	46.63	74.00	-27.37	42.14	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Vertical



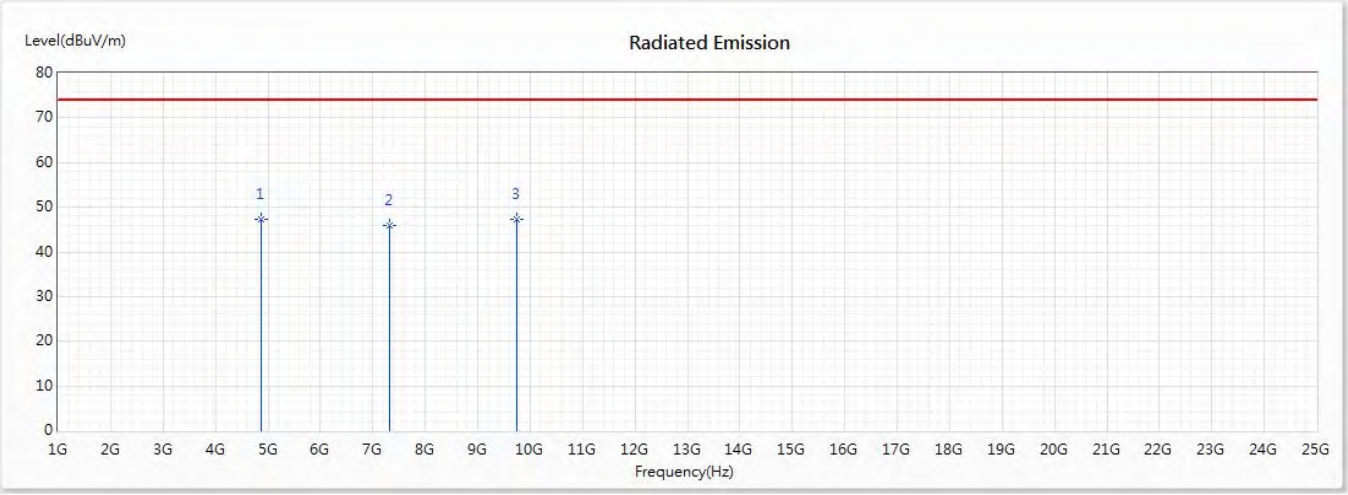
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	46.38	74.00	-27.62	47.98	-1.60	PK
2	7236	46.38	74.00	-27.62	44.52	1.86	PK
* 3	9648	48.44	74.00	-25.56	43.95	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2437 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Horizontal



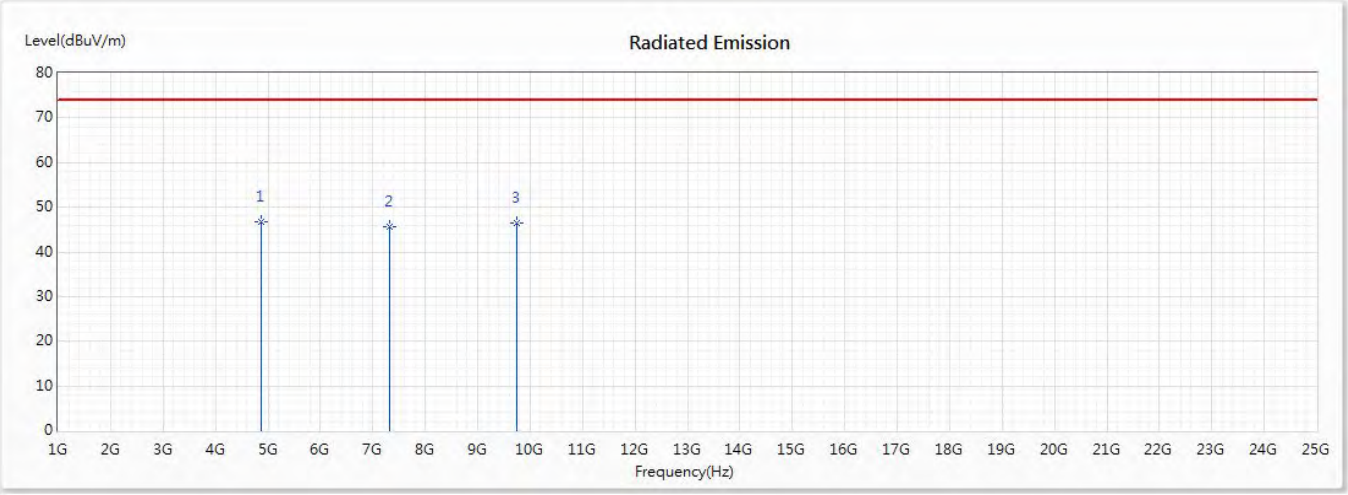
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	47.41	74.00	-26.59	49.12	-1.71	PK
2	7311	45.96	74.00	-28.04	44.10	1.86	PK
3	9748	47.35	74.00	-26.65	42.60	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2437 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Vertical



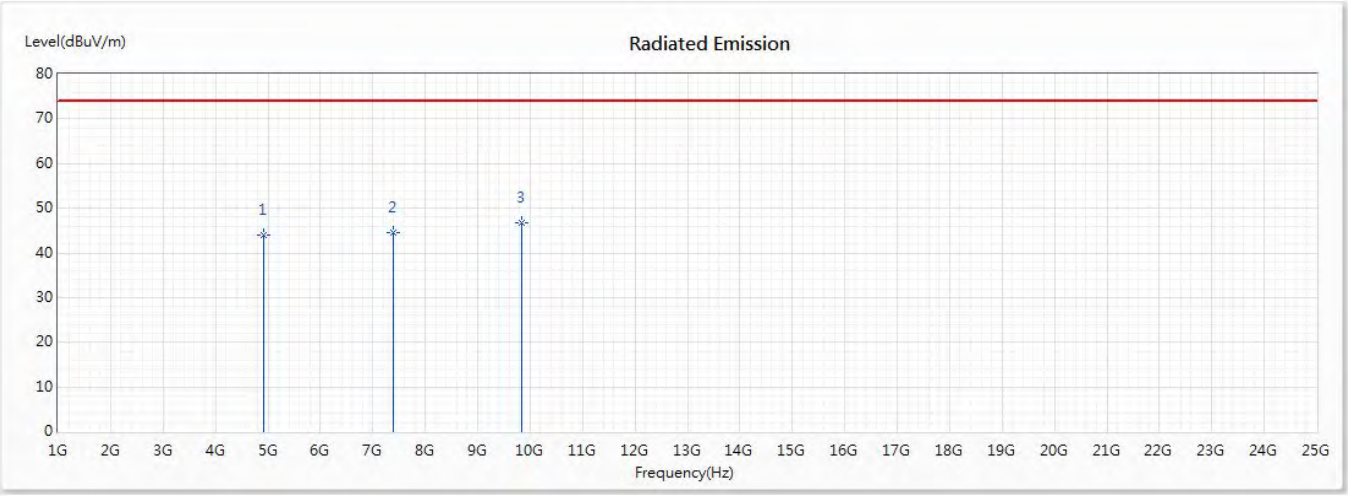
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	46.60	74.00	-27.40	48.31	-1.71	PK
2	7311	45.61	74.00	-28.39	43.75	1.86	PK
3	9748	46.40	74.00	-27.60	41.65	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Horizontal



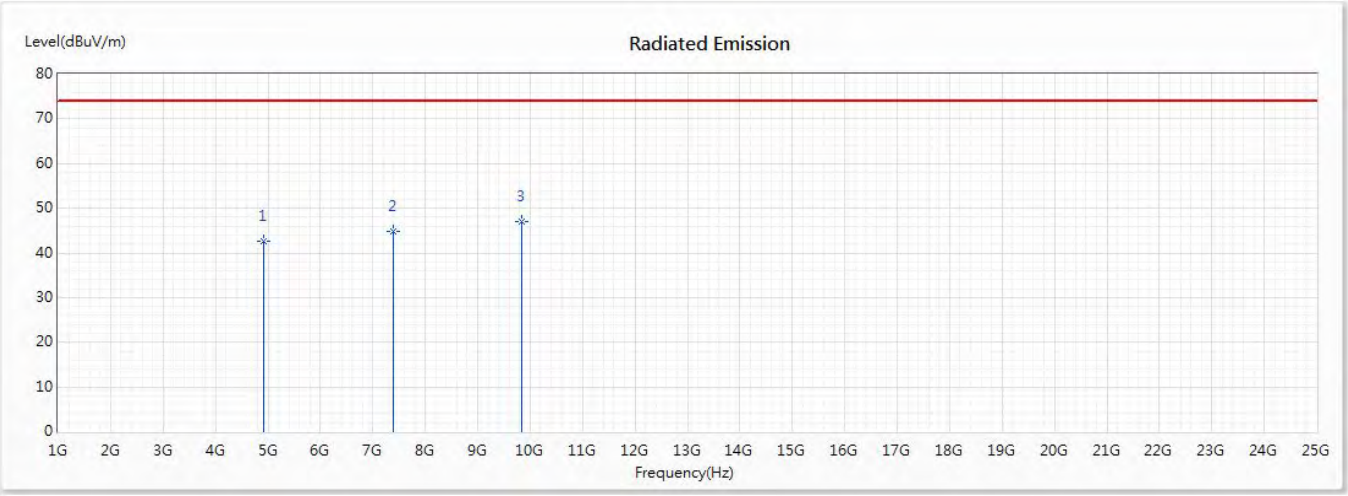
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	43.96	74.00	-30.04	45.54	-1.58	PK
2	7386	44.66	74.00	-29.34	42.73	1.93	PK
* 3	9848	46.63	74.00	-27.37	41.57	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/13

Vertical



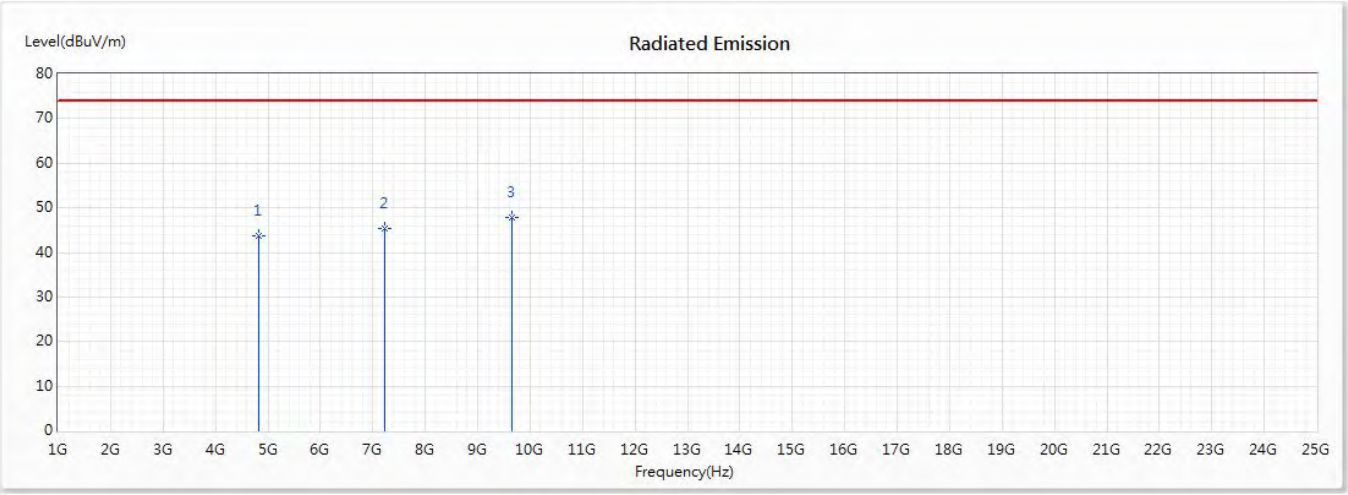
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	42.65	74.00	-31.35	44.23	-1.58	PK
2	7386	44.72	74.00	-29.28	42.79	1.93	PK
* 3	9848	46.97	74.00	-27.03	41.91	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Horizontal



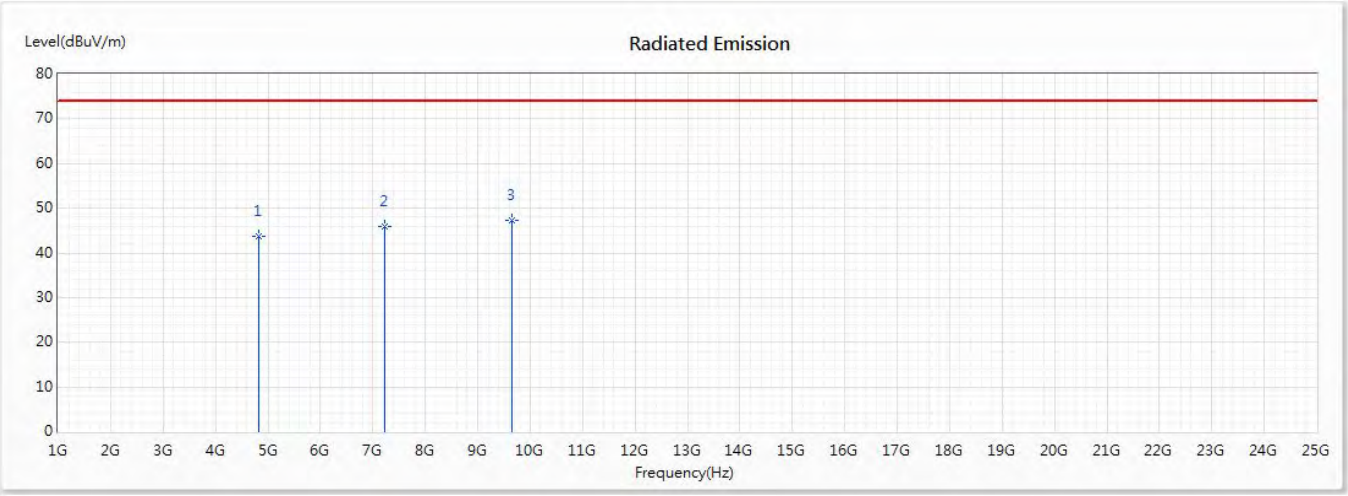
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	43.73	74.00	-30.27	45.33	-1.60	PK
2	7236	45.45	74.00	-28.55	43.59	1.86	PK
* 3	9648	47.72	74.00	-26.28	43.23	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Vertical



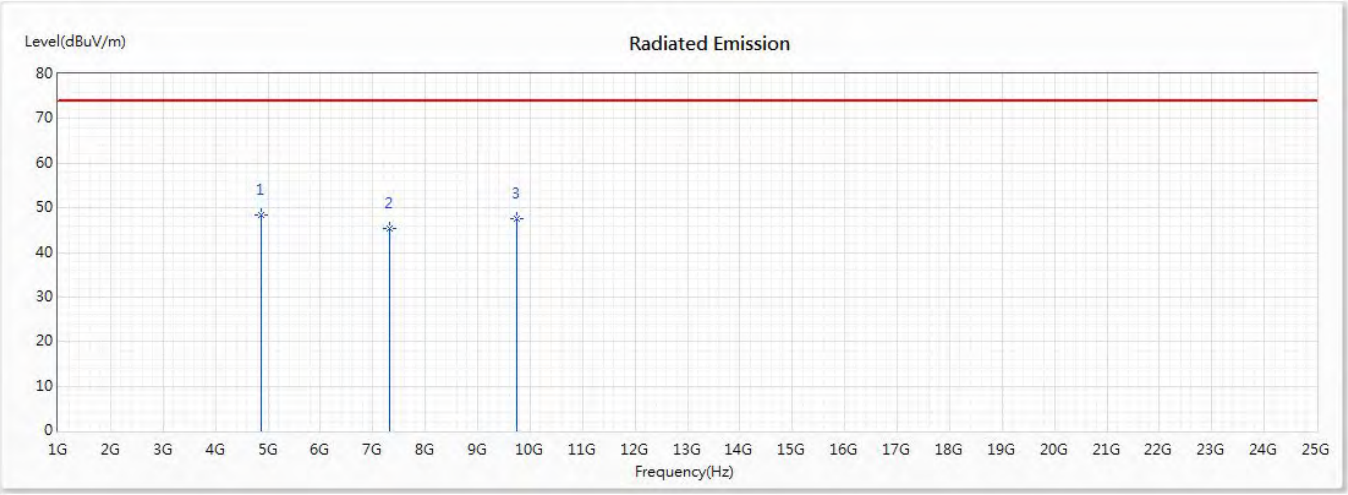
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	43.65	74.00	-30.35	45.25	-1.60	PK
2	7236	45.96	74.00	-28.04	44.10	1.86	PK
* 3	9648	47.24	74.00	-26.76	42.75	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2437 MHz) (RU Config-Full)+LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Horizontal



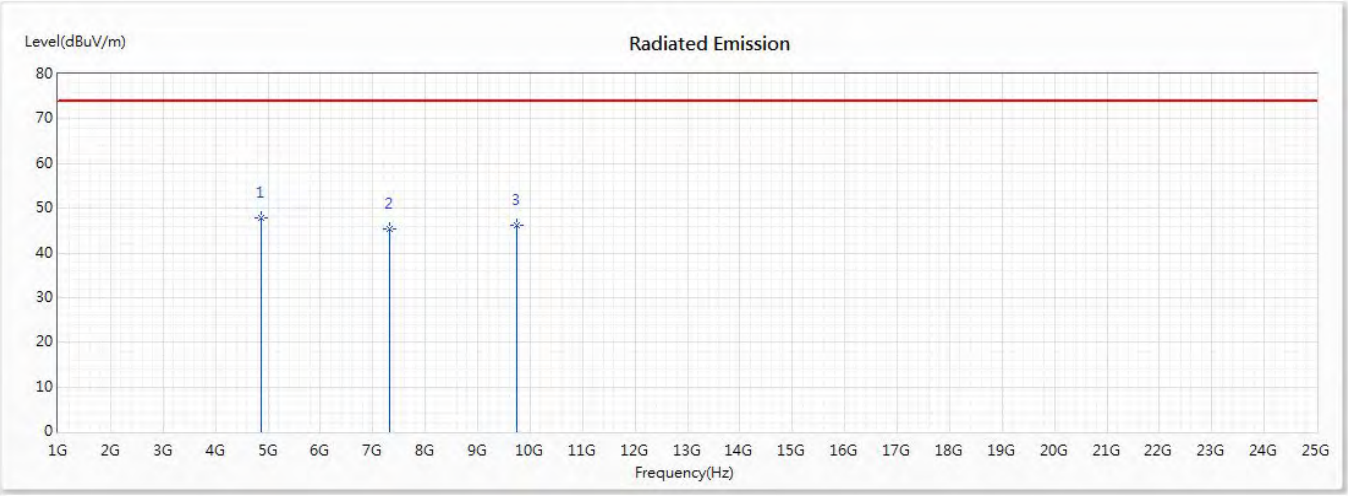
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	48.34	74.00	-25.66	50.05	-1.71	PK
2	7311	45.33	74.00	-28.67	43.47	1.86	PK
3	9748	47.67	74.00	-26.33	42.92	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2437 MHz) (RU Config-Full)+LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Vertical



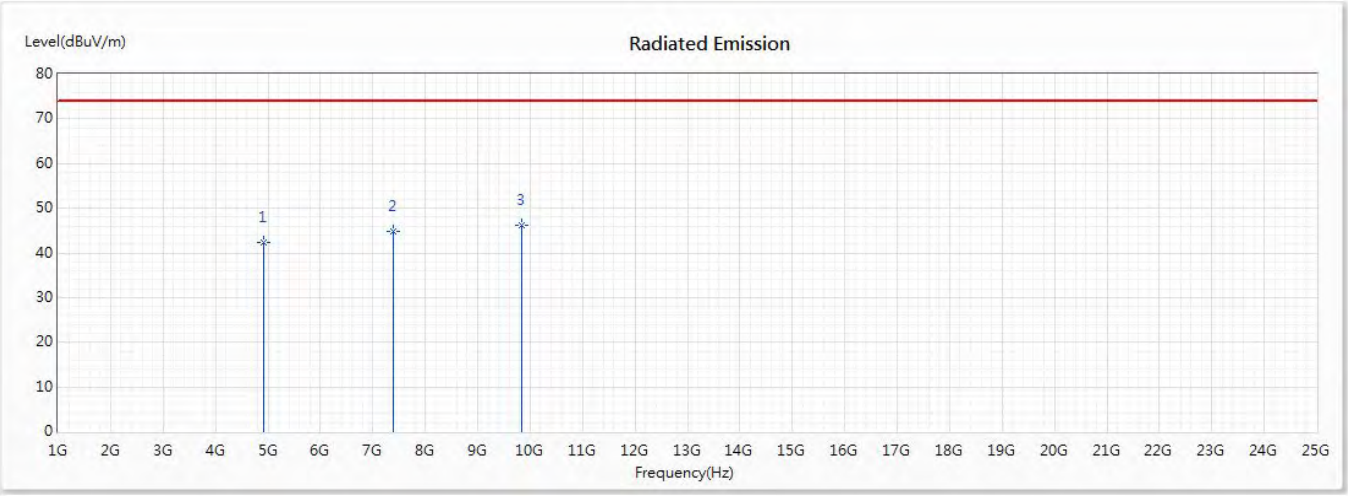
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	47.90	74.00	-26.10	49.61	-1.71	PK
2	7311	45.34	74.00	-28.66	43.48	1.86	PK
3	9748	46.08	74.00	-27.92	41.33	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462 MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Horizontal



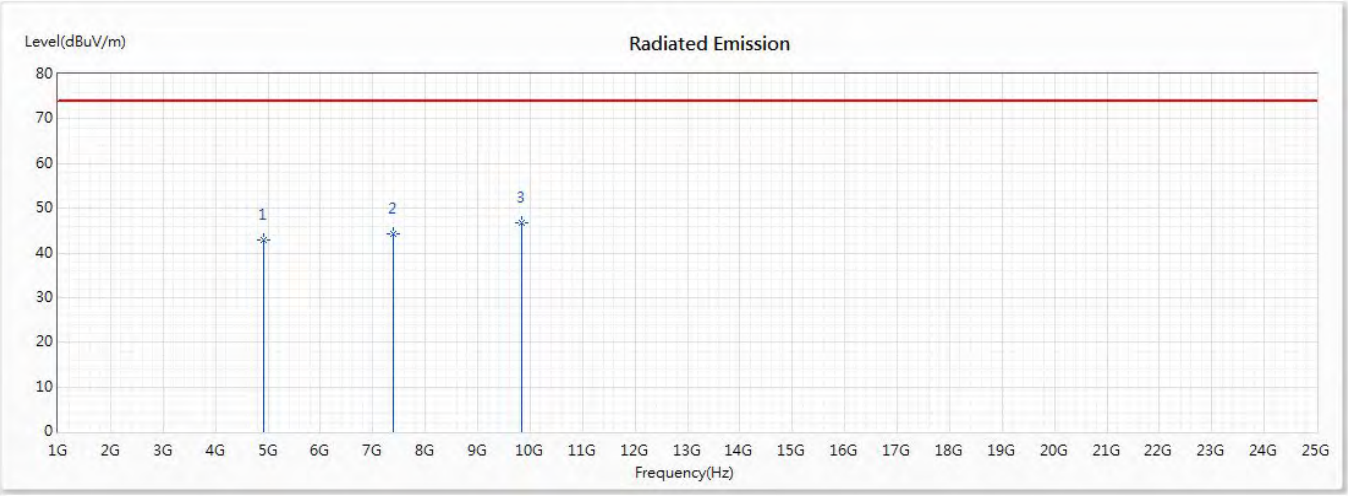
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	42.30	74.00	-31.70	43.88	-1.58	PK
2	7386	44.78	74.00	-29.22	42.85	1.93	PK
* 3	9848	46.32	74.00	-27.68	41.26	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462 MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/13

Vertical



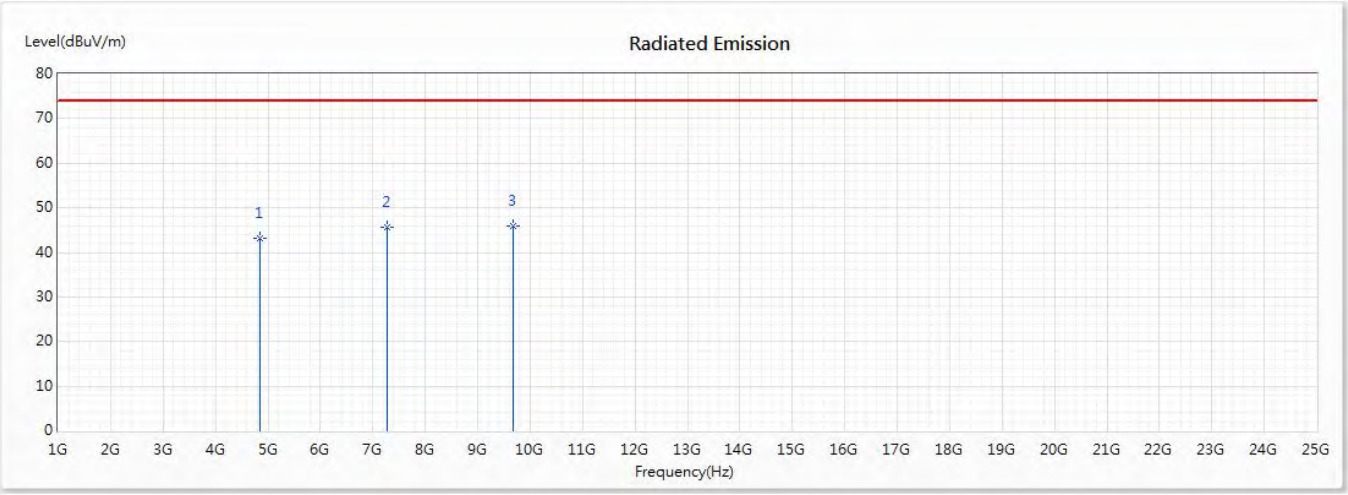
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	42.91	74.00	-31.09	44.49	-1.58	PK
2	7386	44.33	74.00	-29.67	42.40	1.93	PK
* 3	9848	46.85	74.00	-27.15	41.79	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Horizontal



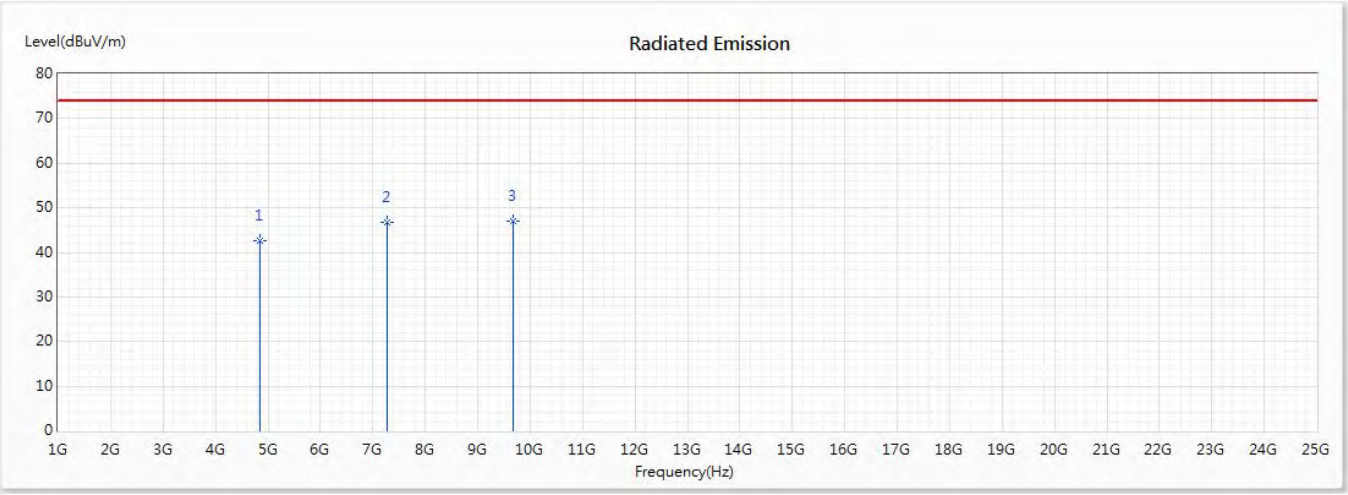
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4844	43.26	74.00	-30.74	44.81	-1.55	PK
2	7266	45.64	74.00	-28.36	43.84	1.80	PK
* 3	9688	46.02	74.00	-27.98	41.53	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Vertical



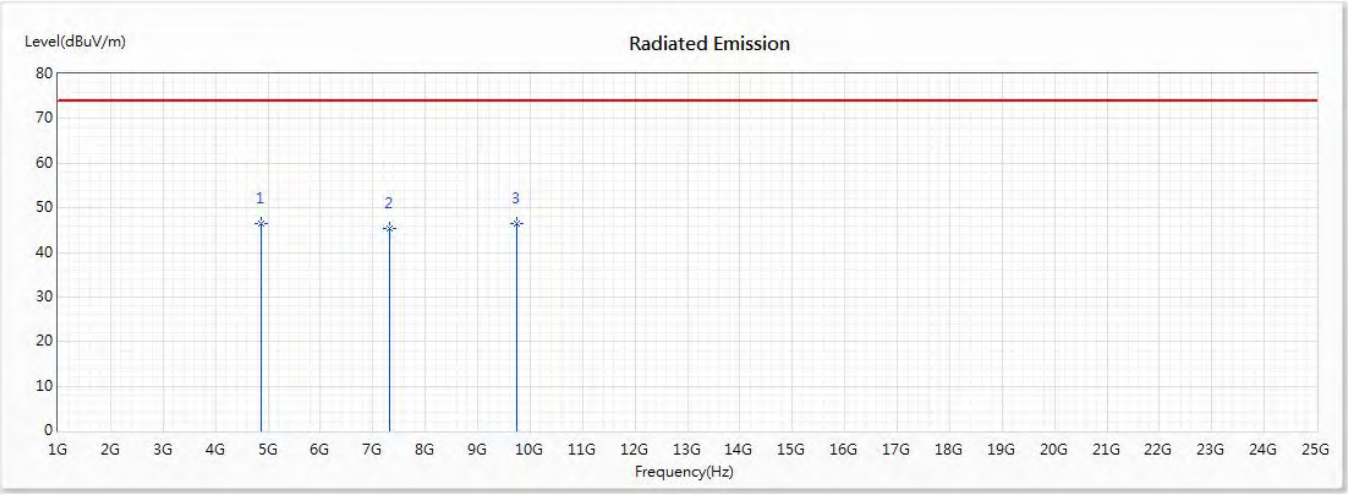
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4844	42.61	74.00	-31.39	44.16	-1.55	PK
2	7266	46.60	74.00	-27.40	44.80	1.80	PK
* 3	9688	46.93	74.00	-27.07	42.44	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2437 MHz) (RU Config-Full)+LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Horizontal



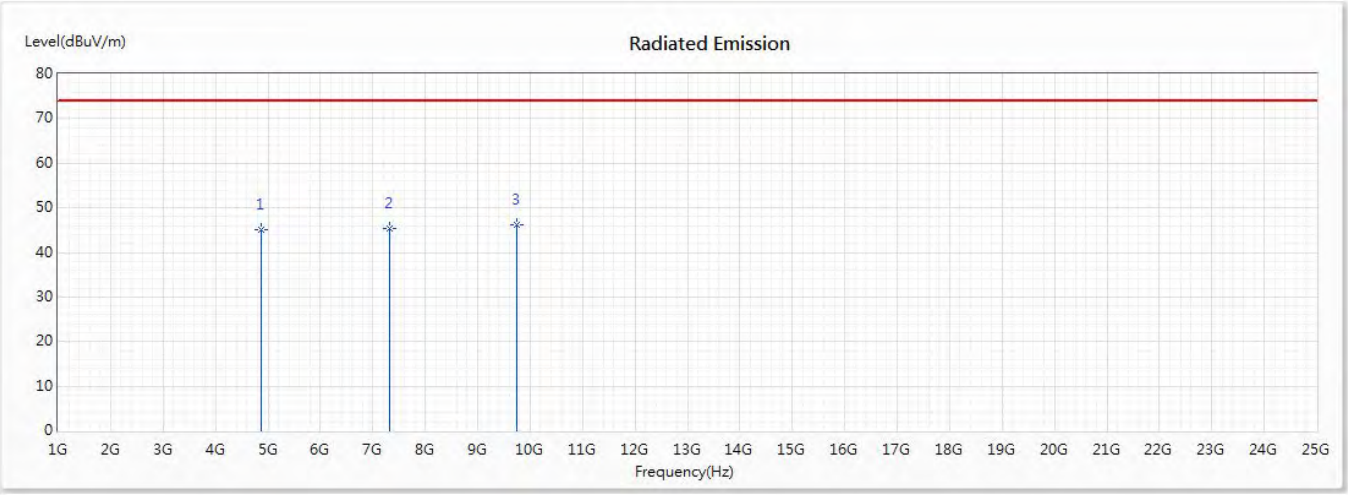
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	46.35	74.00	-27.65	48.06	-1.71	PK
2	7311	45.24	74.00	-28.76	43.38	1.86	PK
3	9748	46.35	74.00	-27.65	41.60	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2437 MHz) (RU Config-Full)+LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Vertical



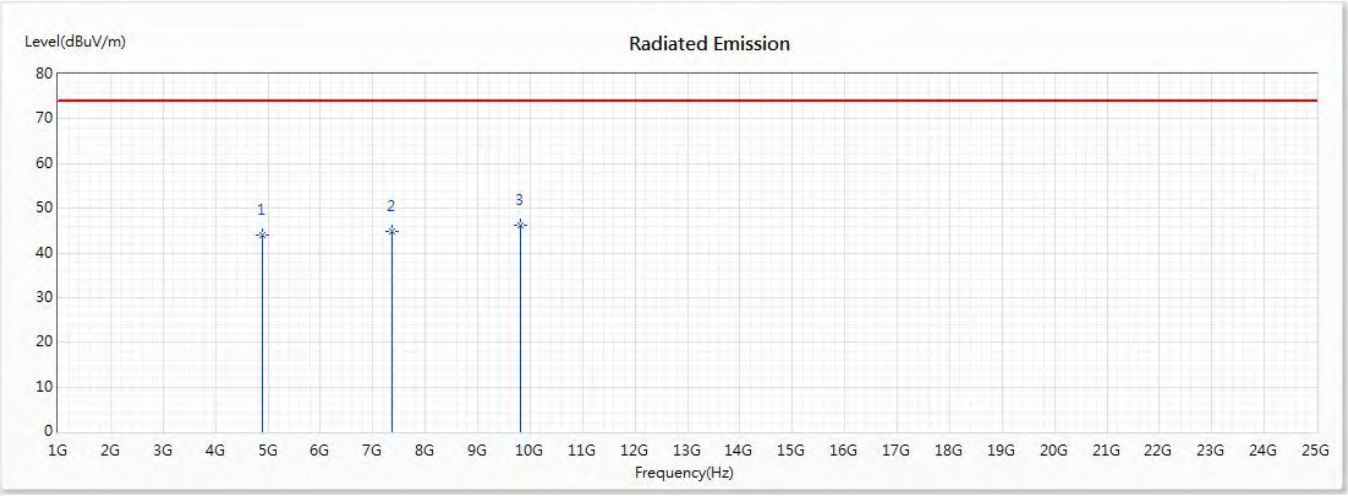
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4874	45.16	74.00	-28.84	46.87	-1.71	PK
2	7311	45.34	74.00	-28.66	43.48	1.86	PK
* 3	9748	46.22	74.00	-27.78	41.47	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452 MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Horizontal



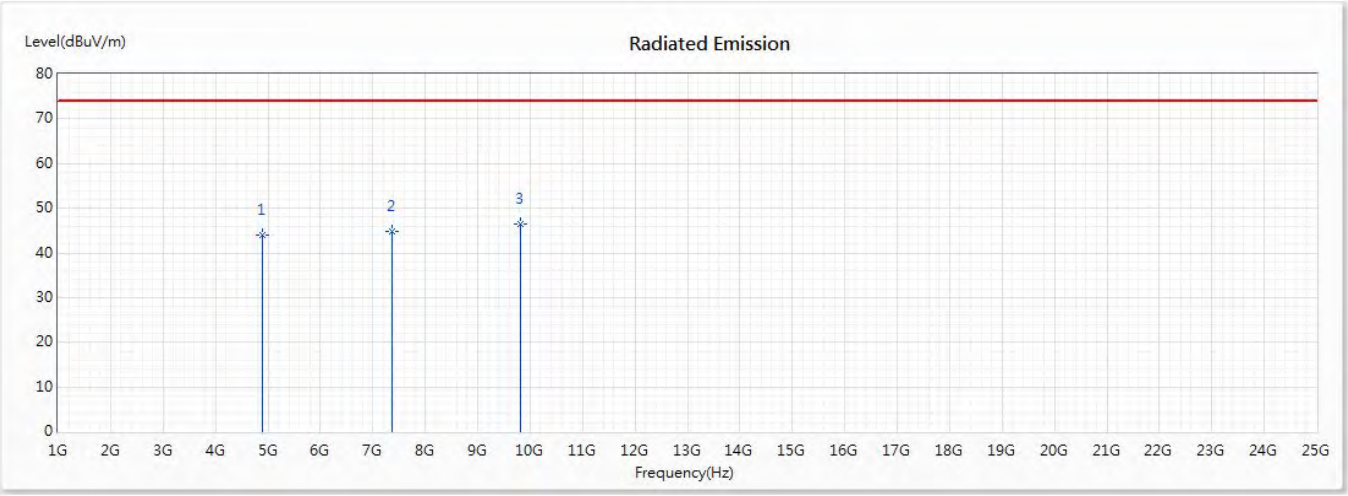
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4904	44.12	74.00	-29.88	45.83	-1.71	PK
2	7356	44.84	74.00	-29.16	42.98	1.86	PK
* 3	9808	46.30	74.00	-27.70	41.62	4.68	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452 MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date	:	2020/06/13

Vertical



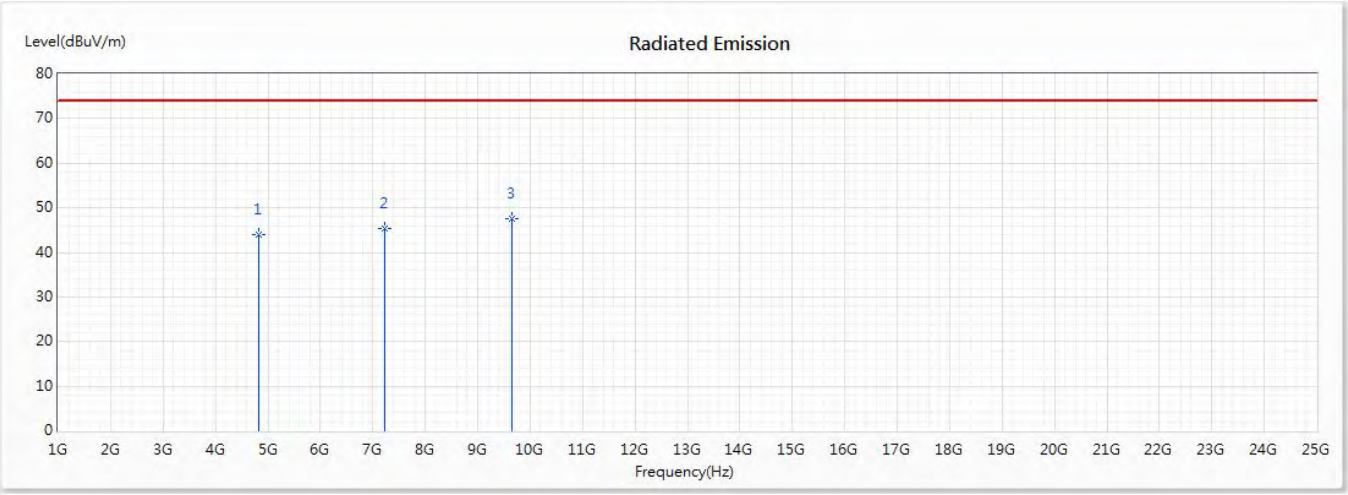
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4904	43.92	74.00	-30.08	45.63	-1.71	PK
2	7356	44.77	74.00	-29.23	42.91	1.86	PK
* 3	9808	46.40	74.00	-27.60	41.72	4.68	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)(2412MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/07/03

Horizontal



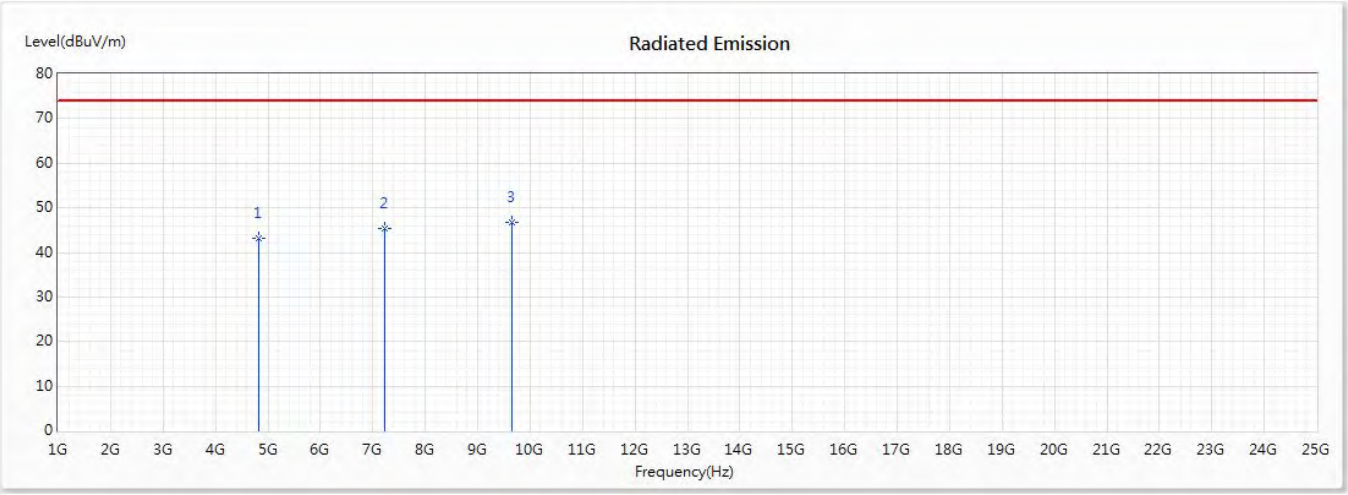
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	43.91	74.00	-30.09	45.51	-1.60	PK
2	7236	45.33	74.00	-28.67	43.47	1.86	PK
* 3	9648	47.51	74.00	-26.49	43.02	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)(2412MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/07/03

Vertical



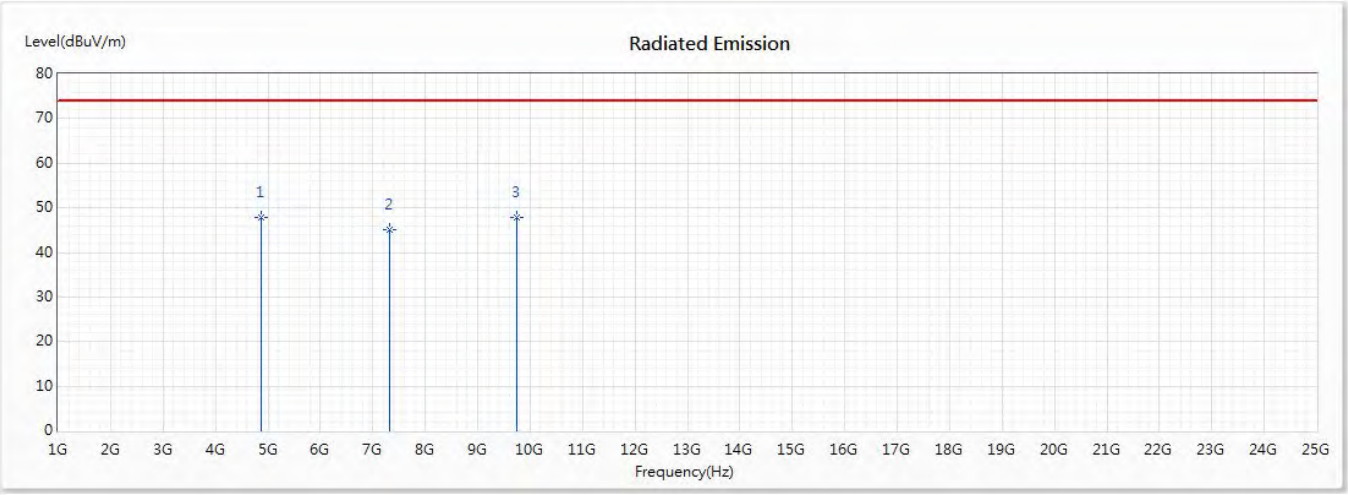
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4824	43.21	74.00	-30.79	44.81	-1.60	PK
2	7236	45.43	74.00	-28.57	43.57	1.86	PK
* 3	9648	46.86	74.00	-27.14	42.37	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2437 MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/07/03

Horizontal



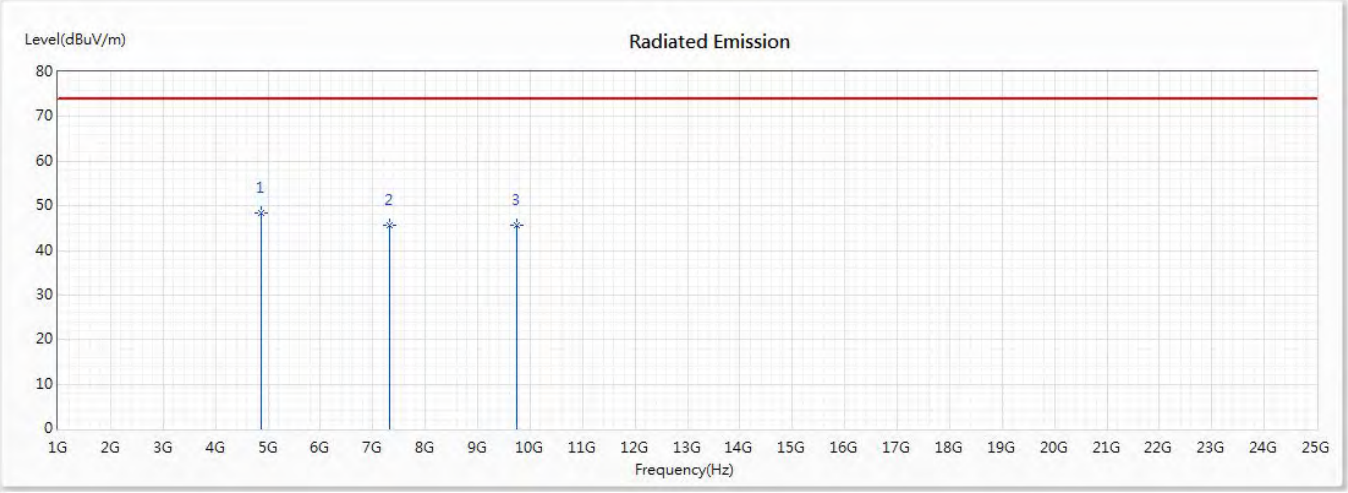
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	47.81	74.00	-26.19	49.52	-1.71	PK
2	7311	45.18	74.00	-28.82	43.32	1.86	PK
3	9748	47.79	74.00	-26.21	43.04	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2437 MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/07/03

Vertical



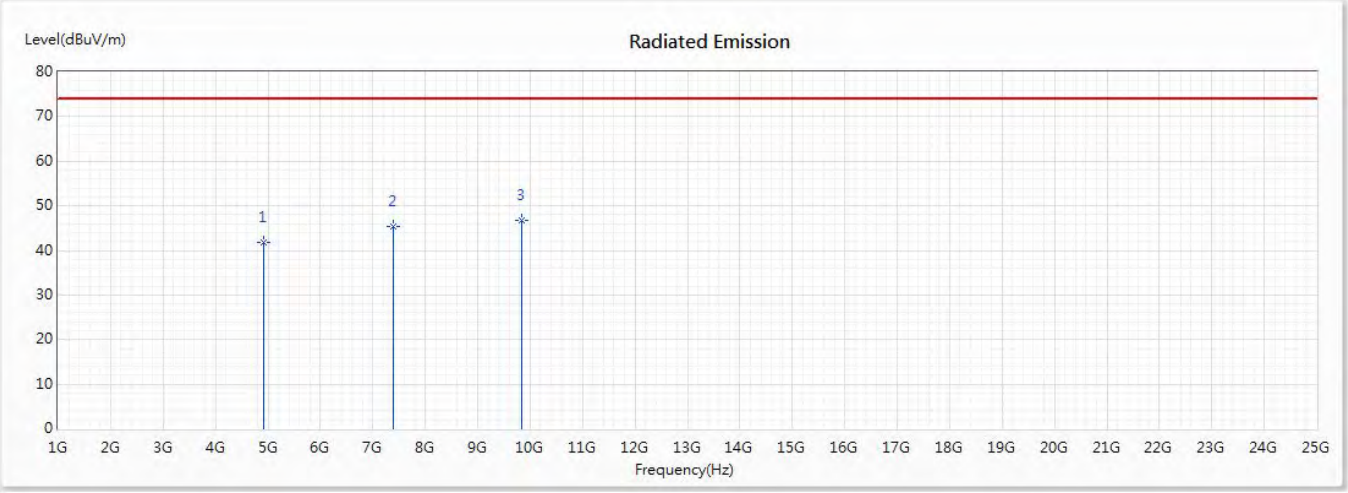
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4874	48.31	74.00	-25.69	50.02	-1.71	PK
2	7311	45.58	74.00	-28.42	43.72	1.86	PK
3	9748	45.77	74.00	-28.23	41.02	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : LV55
Test Item : Harmonic Radiated Emission Data
Test Mode : Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462 MHz) +LTE Band 66 Link+BLE
Test Date : 2020/07/03

Horizontal



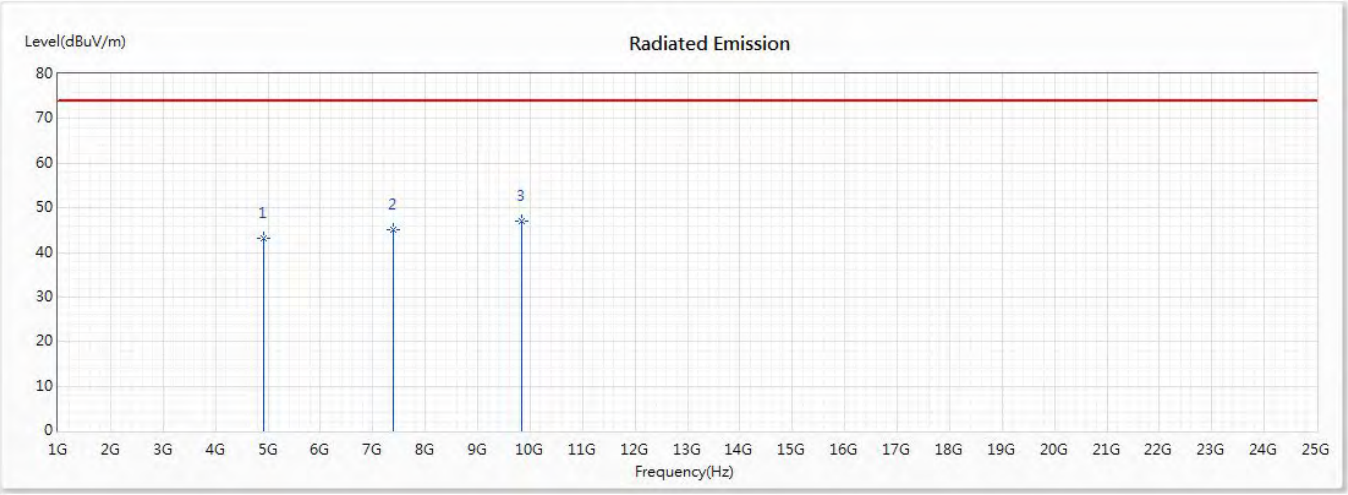
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	41.89	74.00	-32.11	43.47	-1.58	PK
2	7386	45.31	74.00	-28.69	43.38	1.93	PK
* 3	9848	46.77	74.00	-27.23	41.71	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : LV55
Test Item : Harmonic Radiated Emission Data
Test Mode : Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462 MHz) +LTE Band 66 Link+BLE
Test Date : 2020/07/03

Vertical



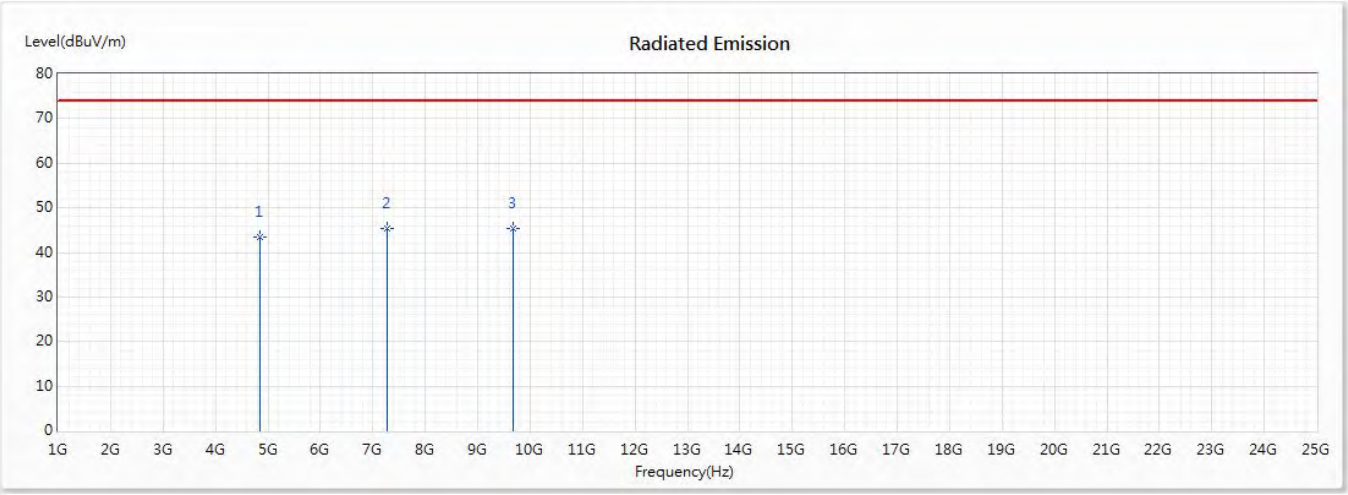
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4924	43.16	74.00	-30.84	44.74	-1.58	PK
2	7386	45.11	74.00	-28.89	43.18	1.93	PK
* 3	9848	47.09	74.00	-26.91	42.03	5.06	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)(2422MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/07/03

Horizontal



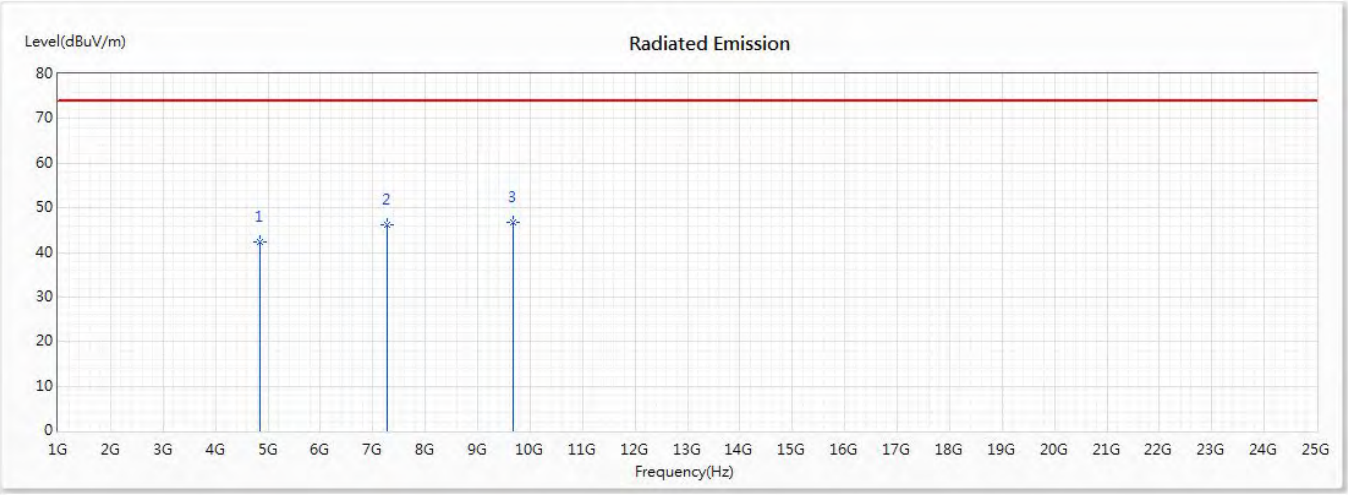
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4844	43.41	74.00	-30.59	44.96	-1.55	PK
2	7266	45.31	74.00	-28.69	43.51	1.80	PK
* 3	9688	45.48	74.00	-28.52	40.99	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)(2422MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/07/03

Vertical



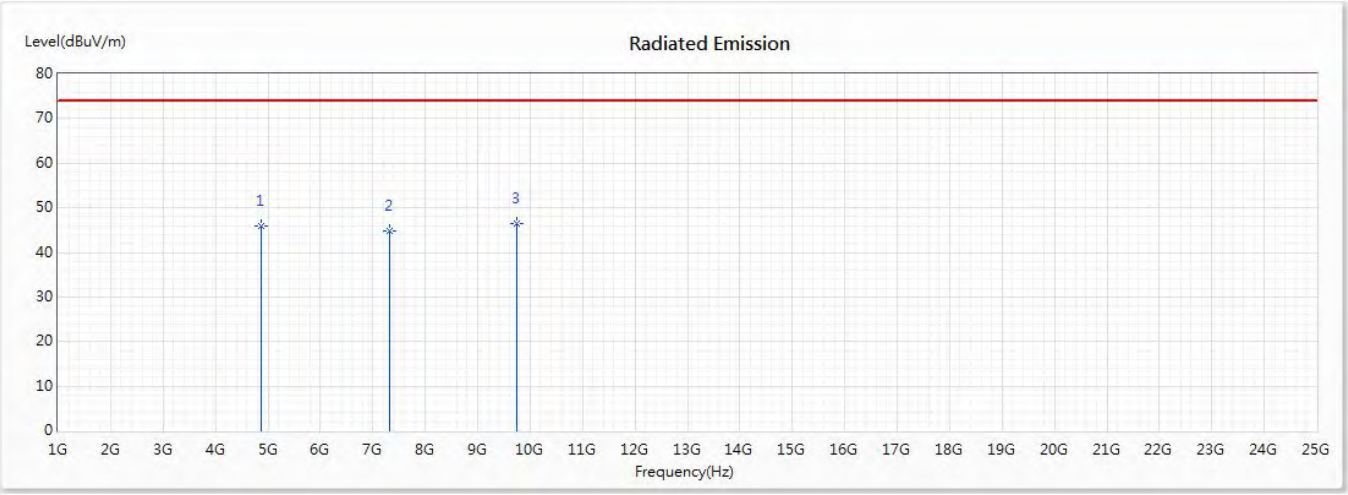
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4844	42.21	74.00	-31.79	43.76	-1.55	PK
2	7266	46.27	74.00	-27.73	44.47	1.80	PK
* 3	9688	46.74	74.00	-27.26	42.25	4.49	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2437 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/07/03

Horizontal



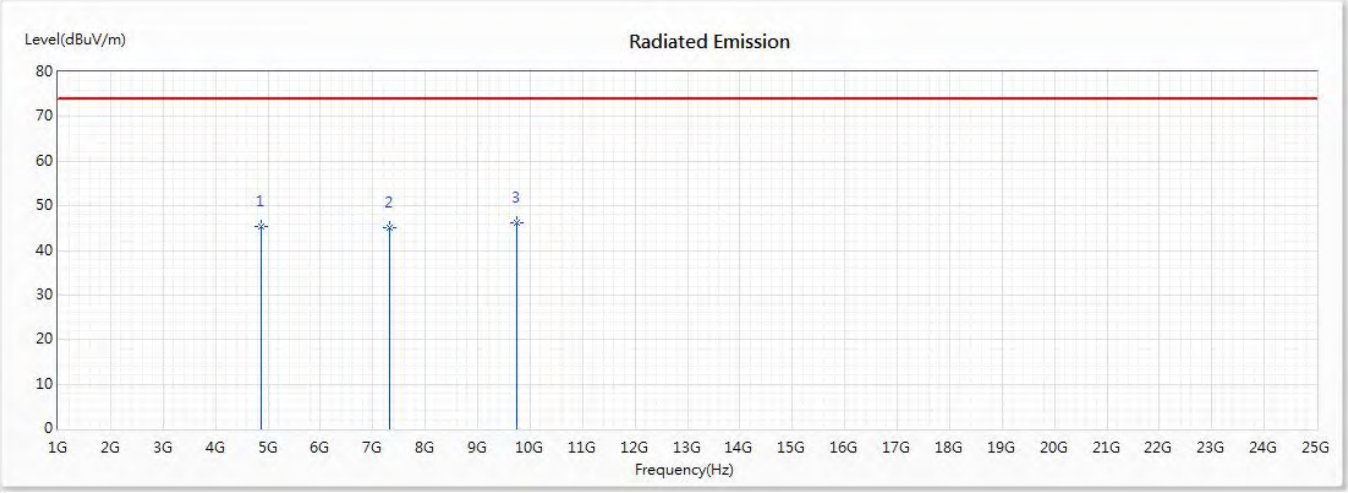
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4874	45.87	74.00	-28.13	47.58	-1.71	PK
2	7311	44.86	74.00	-29.14	43.00	1.86	PK
* 3	9748	46.43	74.00	-27.57	41.68	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2437 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/07/03

Vertical



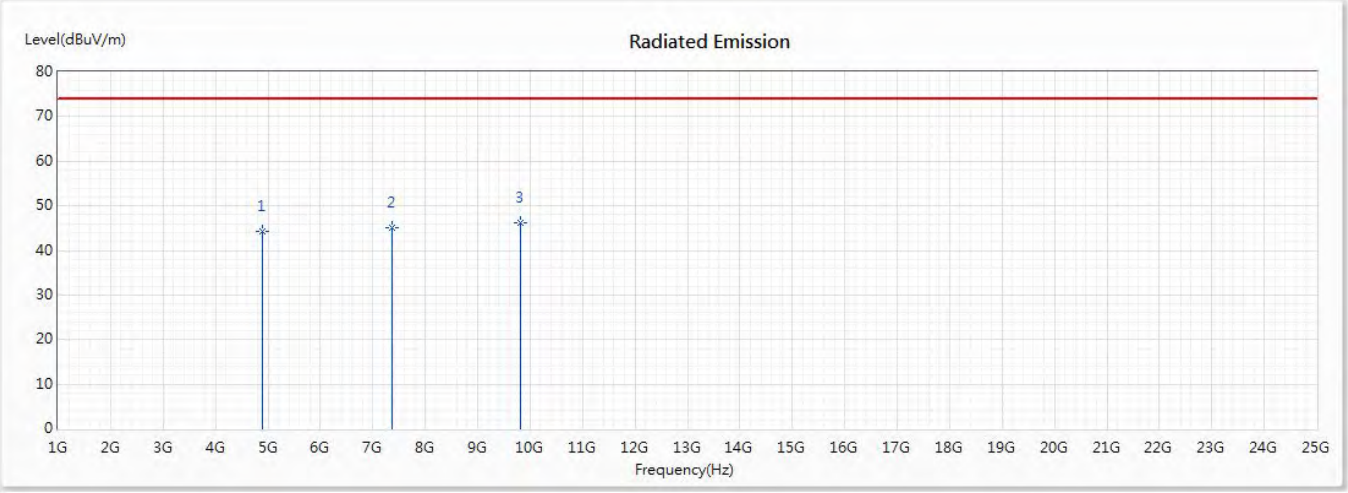
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4874	45.41	74.00	-28.59	47.12	-1.71	PK
2	7311	45.02	74.00	-28.98	43.16	1.86	PK
* 3	9748	46.29	74.00	-27.71	41.54	4.75	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : LV55
Test Item : Harmonic Radiated Emission Data
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date : 2020/07/03

Horizontal



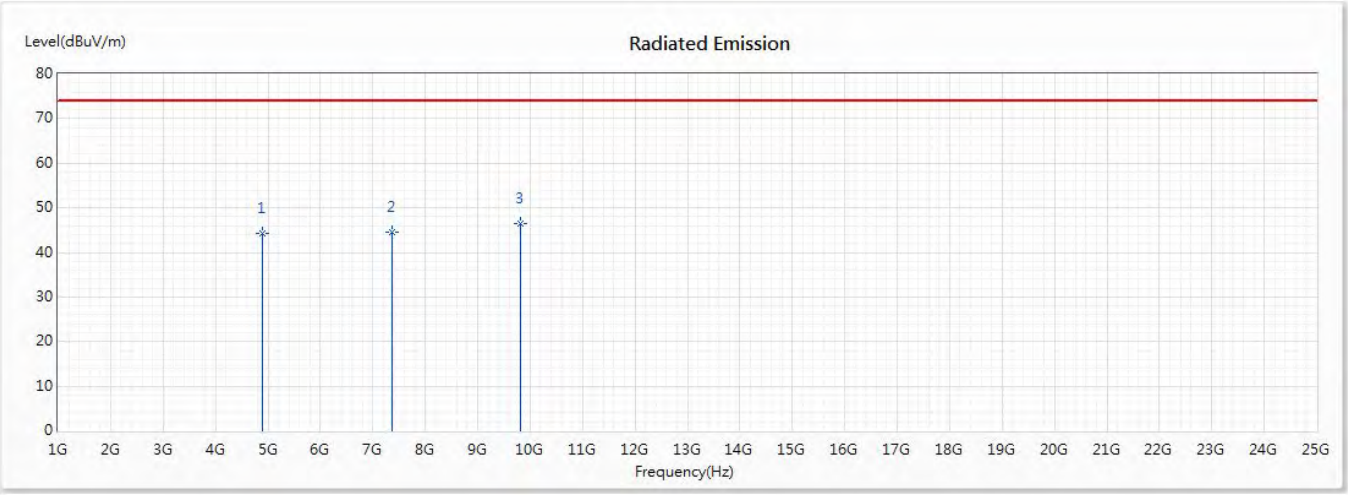
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4904	44.31	74.00	-29.69	46.02	-1.71	PK
2	7356	45.03	74.00	-28.97	43.17	1.86	PK
* 3	9808	46.17	74.00	-27.83	41.49	4.68	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : LV55
Test Item : Harmonic Radiated Emission Data
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date : 2020/07/03

Vertical



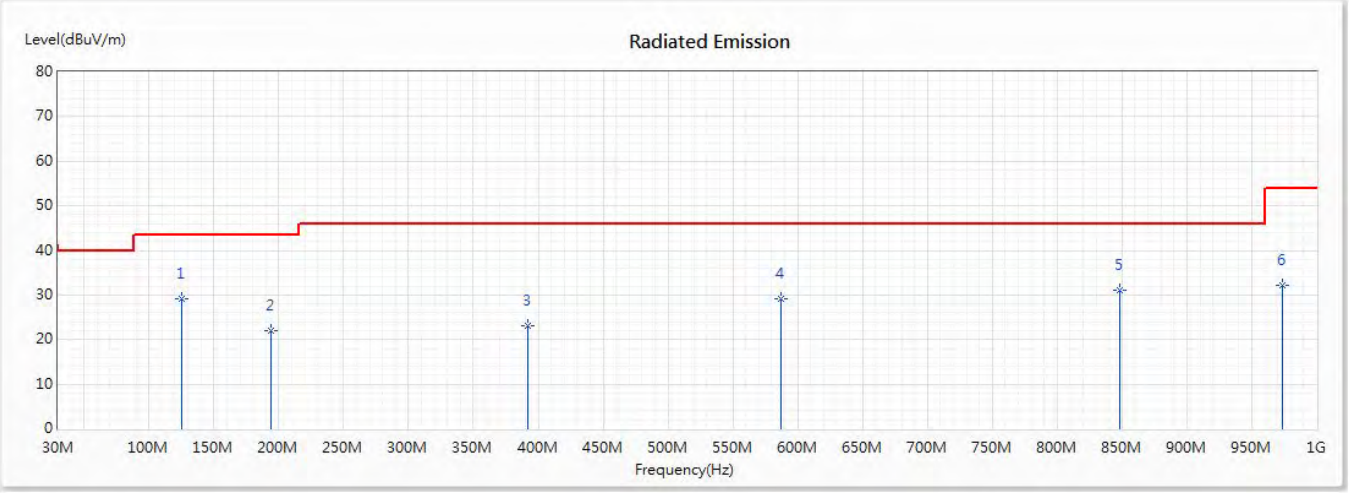
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4904	44.18	74.00	-29.82	45.89	-1.71	PK
2	7356	44.47	74.00	-29.53	42.61	1.86	PK
* 3	9808	46.53	74.00	-27.47	41.85	4.68	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD)(2437 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/25

Horizontal



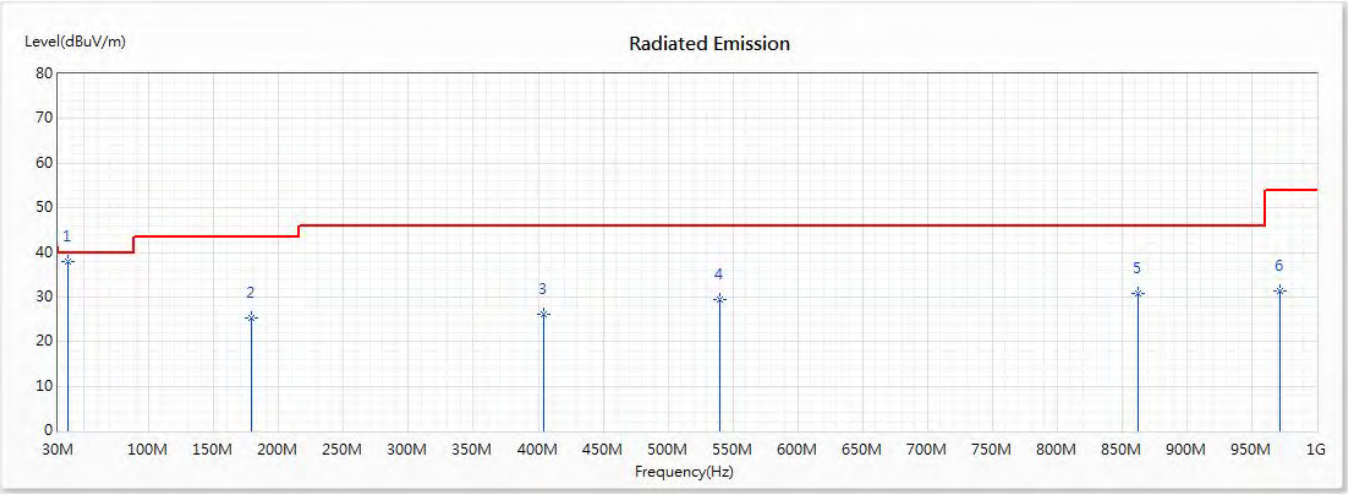
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	125.06	29.10	43.50	-14.40	42.16	-13.06	QP
2	193.93	22.09	43.50	-21.41	34.40	-12.31	QP
3	391.81	23.08	46.00	-22.92	30.19	-7.11	QP
4	586.78	29.08	46.00	-16.92	32.02	-2.94	QP
5	848.68	31.20	46.00	-14.80	30.41	0.79	QP
6	973.81	32.26	54.00	-21.74	30.07	2.19	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD)(2437 MHz) +LTE Band 2 Link+BLE
Test Date	:	2020/06/25

Vertical



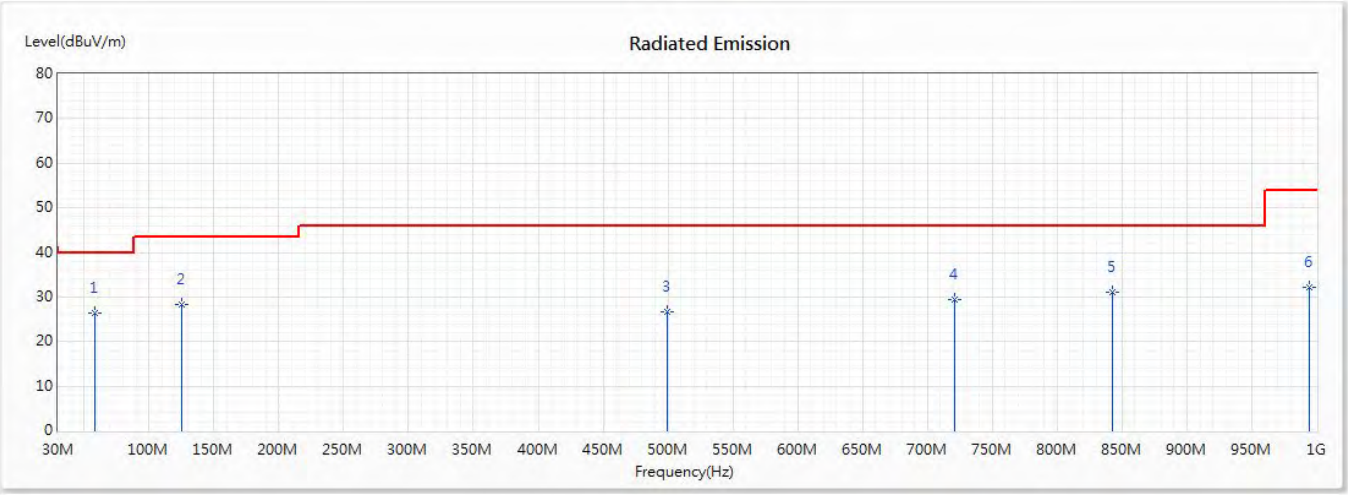
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	37.76	37.87	40.00	-2.13	49.20	-11.33	QP
2	179.38	25.40	43.50	-18.10	36.94	-11.54	QP
3	404.42	26.02	46.00	-19.98	32.93	-6.91	QP
4	540.22	29.32	46.00	-16.68	33.07	-3.75	QP
5	862.26	30.86	46.00	-15.14	30.18	0.68	QP
6	971.87	31.43	54.00	-22.57	29.24	2.19	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD)(2437 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/25

Horizontal



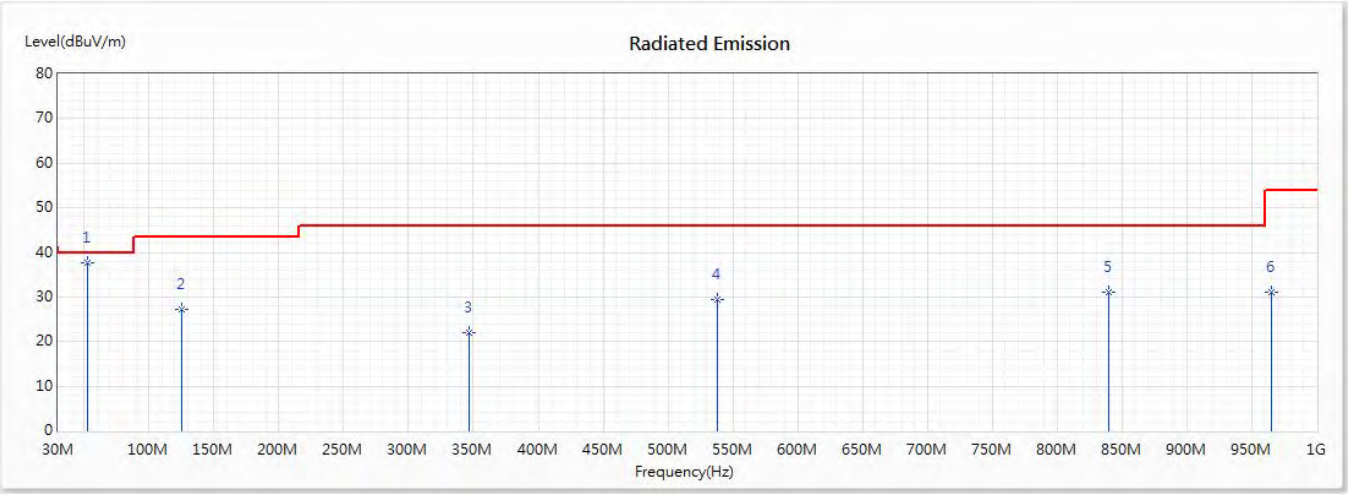
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	58.13	26.51	40.00	-13.49	37.40	-10.89	QP
2	125.06	28.36	43.50	-15.14	41.42	-13.06	QP
3	499.48	26.54	46.00	-19.46	30.95	-4.41	QP
4	720.64	29.54	46.00	-16.46	30.54	-1.00	QP
5	842.86	31.10	46.00	-14.90	30.51	0.59	QP
6	994.18	32.19	54.00	-21.81	29.77	2.42	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD)(2437 MHz)+LTE Band 5 Link+BLE
Test Date	:	2020/06/25

Vertical



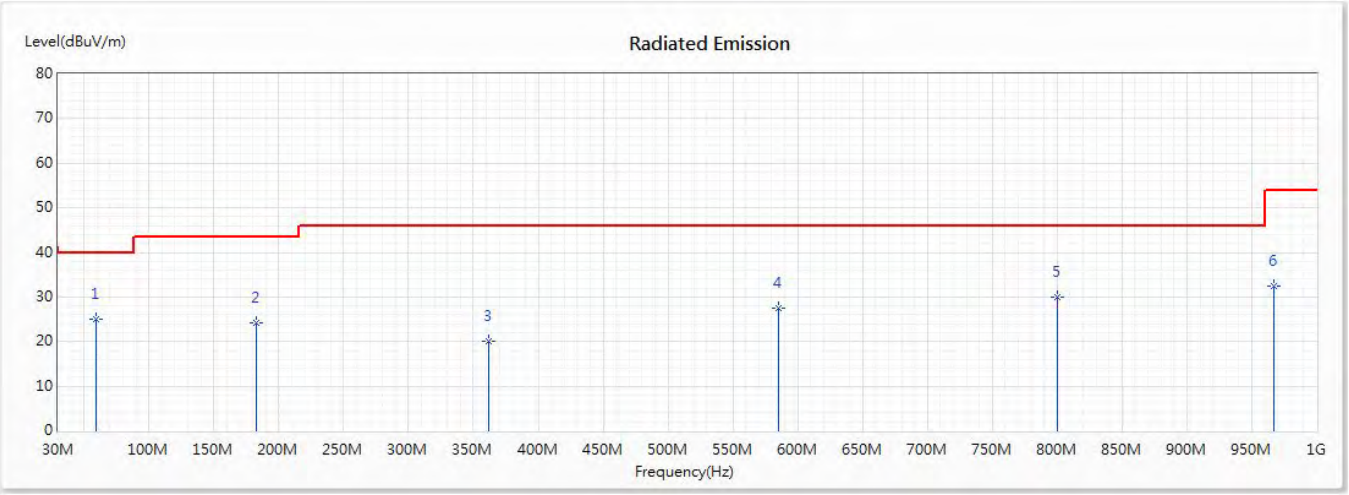
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	52.31	37.76	40.00	-2.24	48.08	-10.32	QP
2	125.06	27.25	43.50	-16.25	40.31	-13.06	QP
3	347.19	21.92	46.00	-24.08	30.06	-8.14	QP
4	538.28	29.34	46.00	-16.66	33.13	-3.79	QP
5	839.95	30.99	46.00	-15.01	30.47	0.52	QP
6	965.08	31.14	54.00	-22.86	28.77	2.37	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD)(2437 MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/25

Horizontal



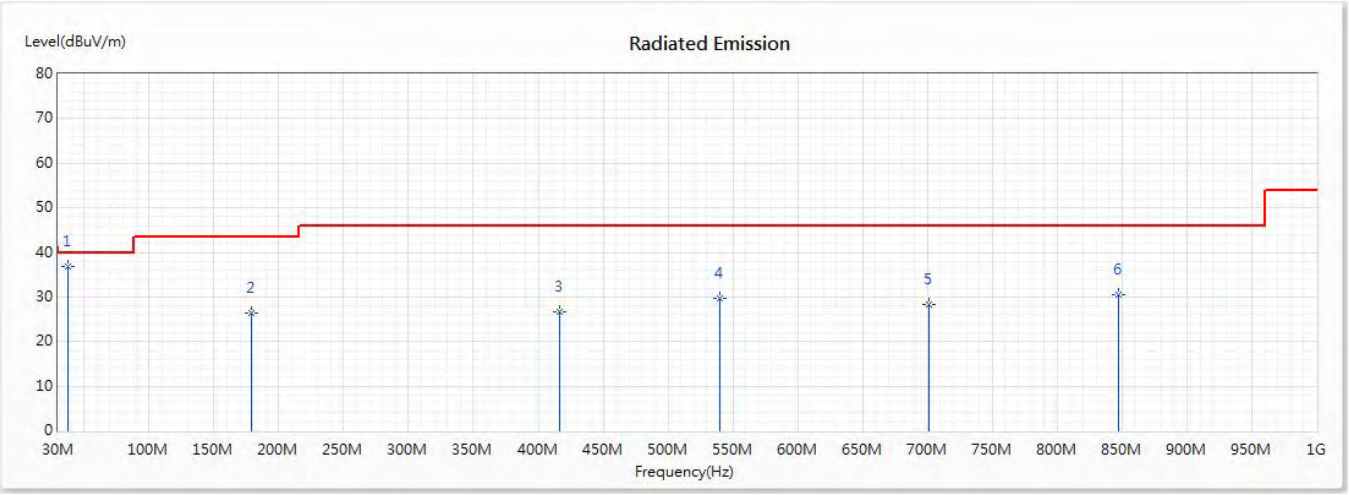
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	59.1	25.09	40.00	-14.91	36.14	-11.05	QP
2	182.29	24.12	43.50	-19.38	35.94	-11.82	QP
3	361.74	20.11	46.00	-25.89	27.89	-7.78	QP
4	584.84	27.36	46.00	-18.64	30.36	-3.00	QP
5	800.18	30.04	46.00	-15.96	30.21	-0.17	QP
6	967.02	32.54	54.00	-21.46	30.24	2.30	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD)(2437 MHz) (RU Config-Full) +LTE Band 13 Link+BLE
Test Date	:	2020/06/25

Vertical



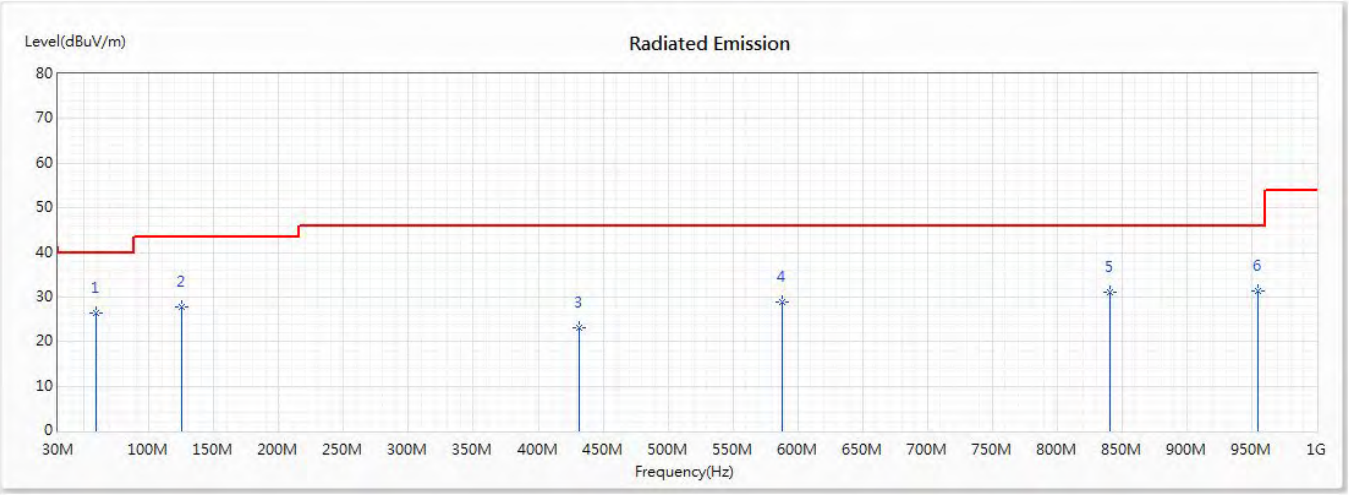
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	37.76	36.92	40.00	-3.08	48.25	-11.33	QP
2	179.38	26.42	43.50	-17.08	37.96	-11.54	QP
3	416.06	26.55	46.00	-19.45	33.19	-6.64	QP
4	540.22	29.56	46.00	-16.44	33.31	-3.75	QP
5	701.24	28.24	46.00	-17.76	29.61	-1.37	QP
6	847.71	30.42	46.00	-15.58	29.68	0.74	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : LV55
Test Item : General Radiated Emission Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD)(2437 MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date : 2020/06/25

Horizontal



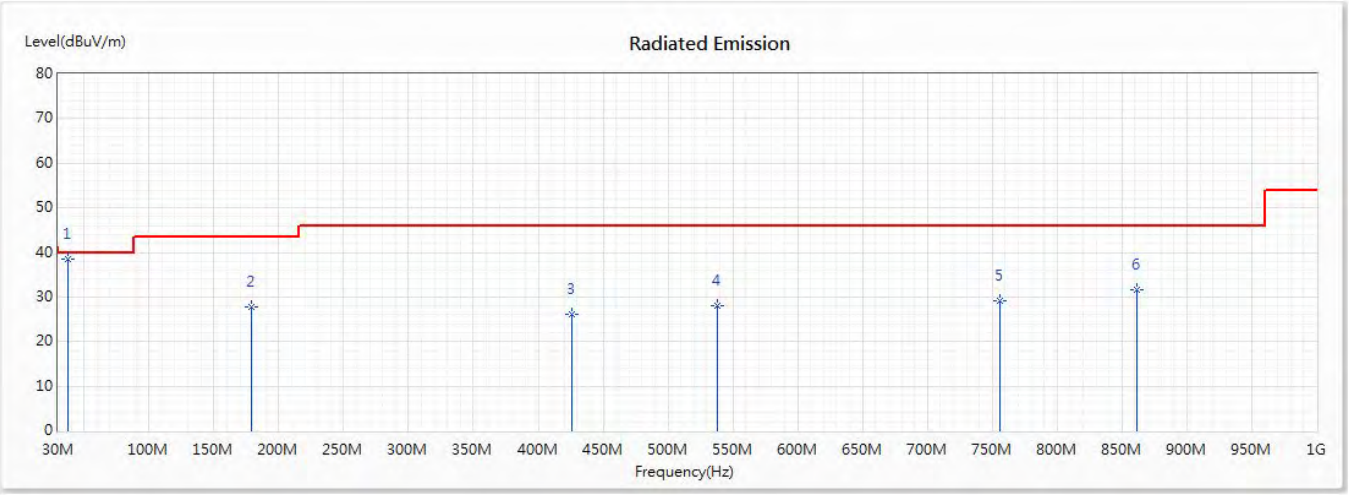
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	59.1	26.49	40.00	-13.51	37.54	-11.05	QP
2	125.06	27.78	43.50	-15.72	40.84	-13.06	QP
3	431.58	23.09	46.00	-22.91	29.25	-6.16	QP
4	587.75	28.83	46.00	-17.17	31.73	-2.90	QP
5	840.92	31.04	46.00	-14.96	30.49	0.55	QP
6	954.41	31.31	46.00	-14.69	29.17	2.14	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD)(2437 MHz) (RU Config-Full) +LTE Band 48 Link+BLE
Test Date	:	2020/06/25

Vertical



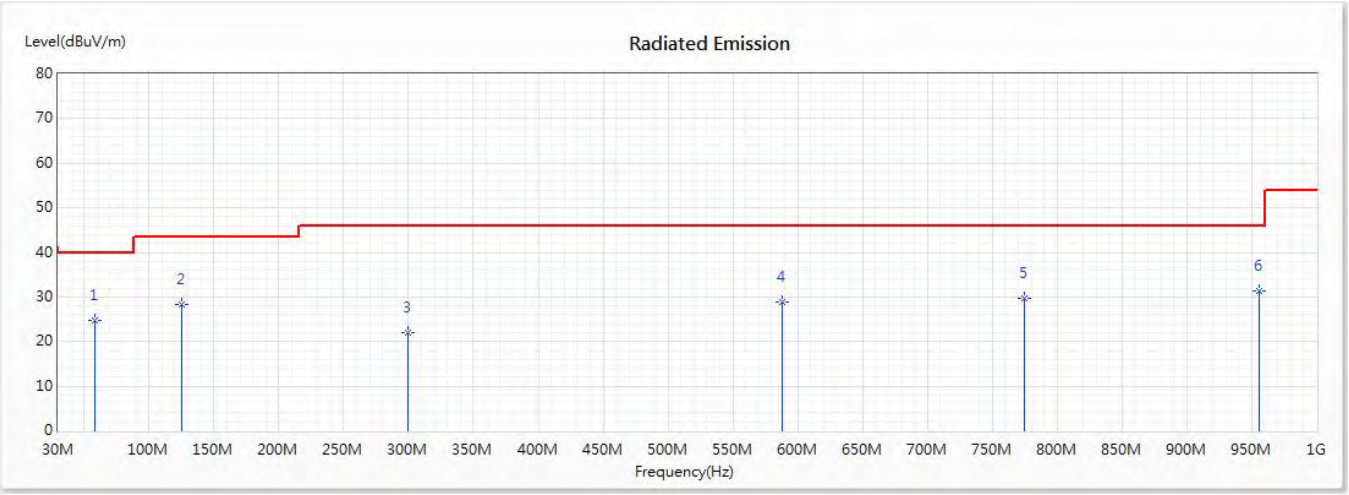
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	37.76	38.40	40.00	-1.60	49.73	-11.33	QP
2	179.38	27.88	43.50	-15.62	39.42	-11.54	QP
3	425.76	26.03	46.00	-19.97	32.33	-6.30	QP
4	538.28	28.17	46.00	-17.83	31.96	-3.79	QP
5	755.56	29.25	46.00	-16.75	29.51	-0.26	QP
6	861.29	31.52	46.00	-14.48	30.80	0.72	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)(2437 MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/06/25

Horizontal



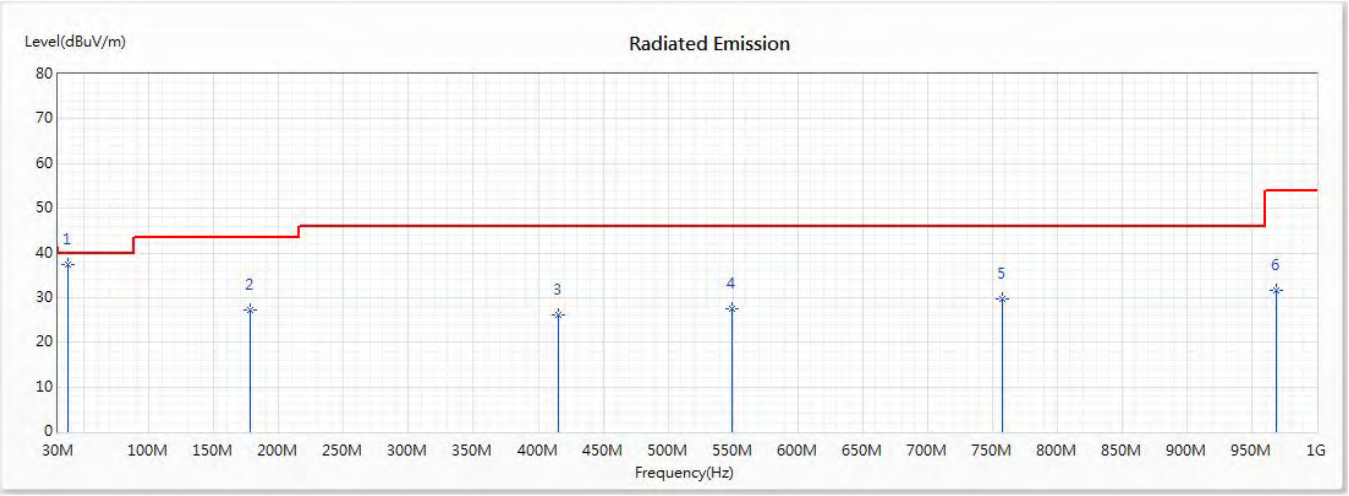
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	58.13	24.86	40.00	-15.14	35.75	-10.89	QP
2	125.06	28.22	43.50	-15.28	41.28	-13.06	QP
3	299.66	21.96	46.00	-24.04	31.33	-9.37	QP
4	587.75	28.94	46.00	-17.06	31.84	-2.90	QP
5	774.96	29.63	46.00	-16.37	29.85	-0.22	QP
* 6	955.38	31.45	46.00	-14.55	29.29	2.16	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)(2437 MHz) +LTE Band 66 Link+BLE
Test Date	:	2020/06/25

Vertical



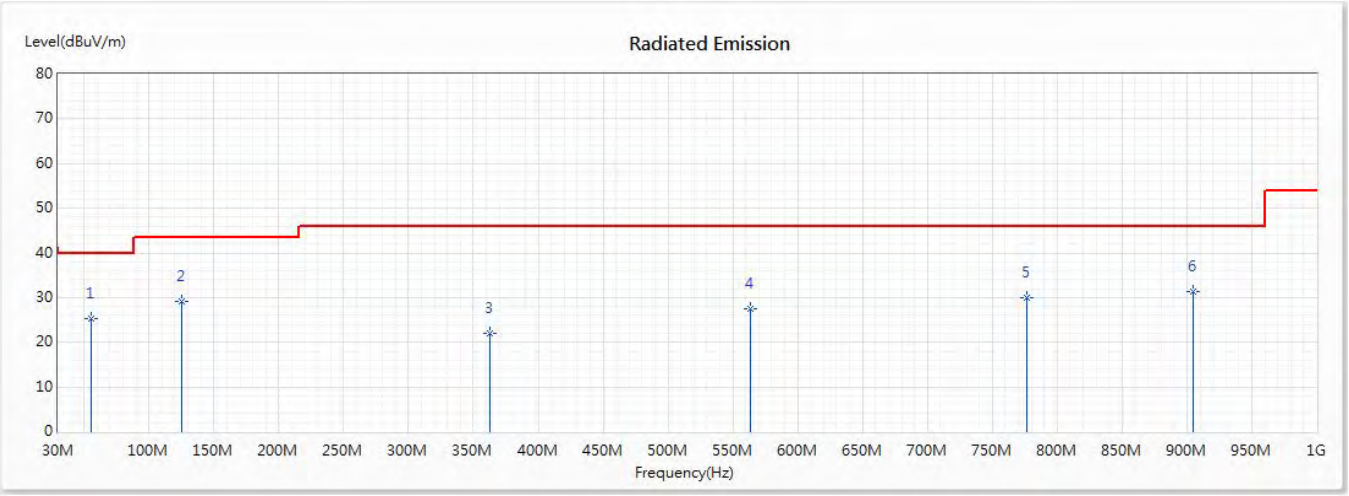
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	37.76	37.34	40.00	-2.66	48.67	-11.33	QP
2	178.41	27.08	43.50	-16.42	38.52	-11.44	QP
3	415.09	26.25	46.00	-19.75	32.91	-6.66	QP
4	548.95	27.42	46.00	-18.58	31.16	-3.74	QP
5	757.5	29.82	46.00	-16.18	30.07	-0.25	QP
6	968.96	31.60	54.00	-22.40	29.38	2.22	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)(2437 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/06/25

Horizontal



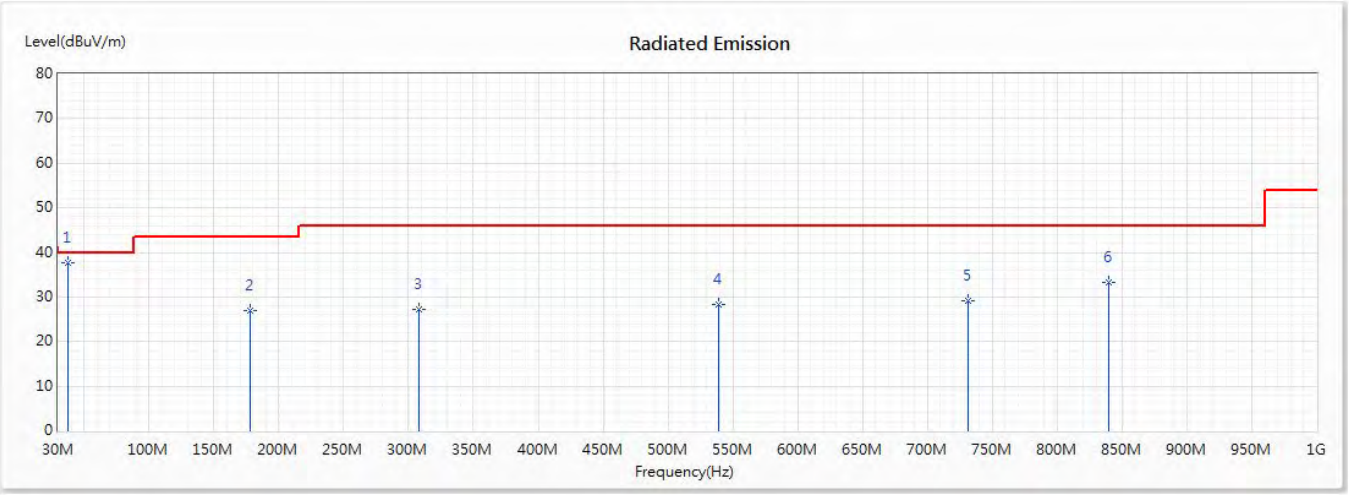
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	55.22	25.22	40.00	-14.78	35.73	-10.51	QP
* 2	125.06	29.15	43.50	-14.35	42.21	-13.06	QP
3	362.71	21.98	46.00	-24.02	29.74	-7.76	QP
4	563.5	27.61	46.00	-18.39	31.00	-3.39	QP
5	776.9	29.97	46.00	-16.03	30.15	-0.18	QP
6	904.94	31.46	46.00	-14.54	30.09	1.37	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	LV55
Test Item	:	General Radiated Emission Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)(2437 MHz) +5GNR FR1 Band n2 Link+BLE
Test Date	:	2020/06/25

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	37.76	37.71	40.00	-2.29	49.04	-11.33	QP
2	178.41	27.02	43.50	-16.48	38.46	-11.44	QP
3	308.39	27.28	46.00	-18.72	36.34	-9.06	QP
4	539.25	28.24	46.00	-17.76	32.02	-3.78	QP
5	731.31	29.07	46.00	-16.93	29.88	-0.81	QP
6	839.95	33.40	46.00	-12.60	32.88	0.52	QP

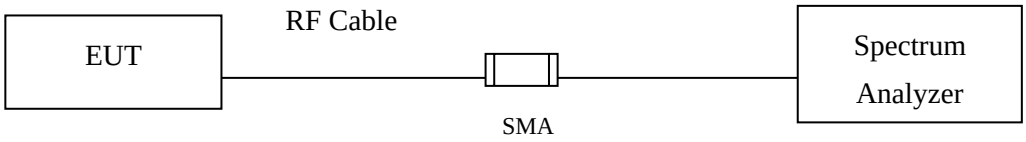
Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

5. RF antenna conducted test

5.1. Test Setup

RF antenna Conducted Measurement:



5.2. Limits

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. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.3. Test Procedure

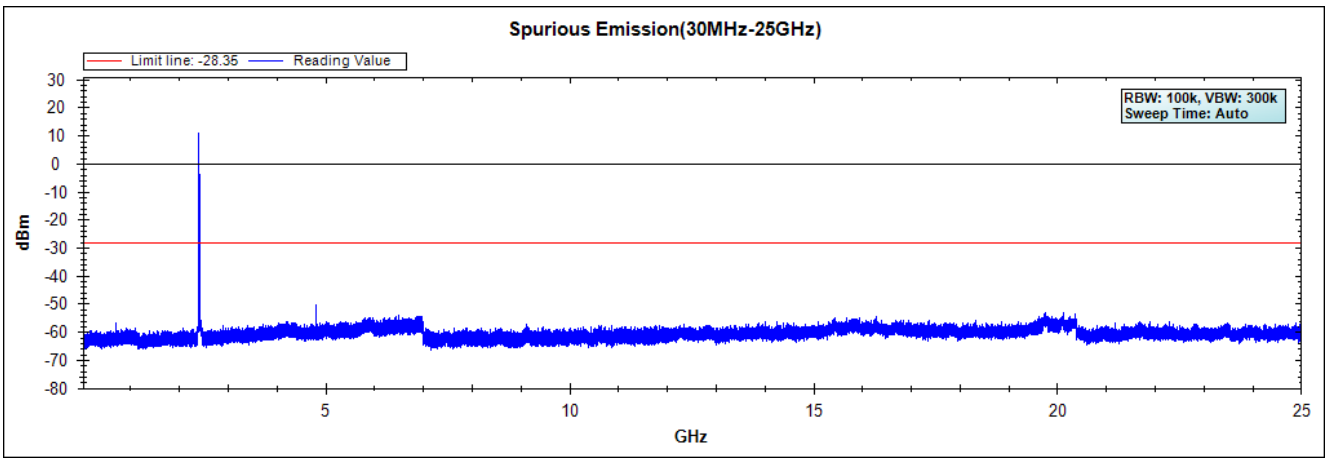
The EUT was tested according to C63.10:2013 Section 11.11 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

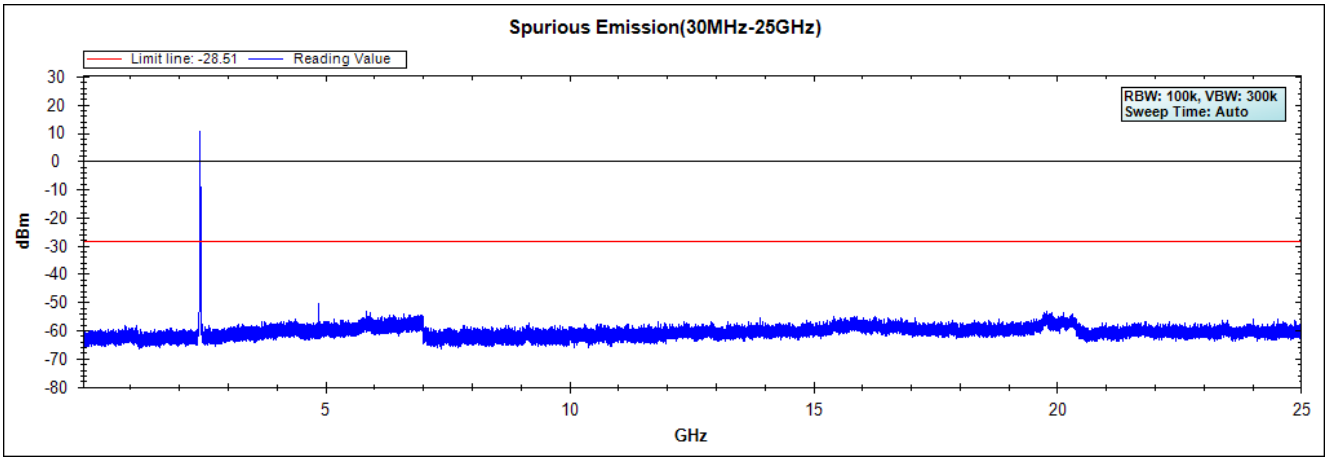
5.4. Test Result of RF antenna conducted test

Product	:	LV55
Test Item	:	RF antenna conducted test
Test Mode	:	Mode 1: Transmit (802.11b-CDD)
Test Date	:	2020/07/05

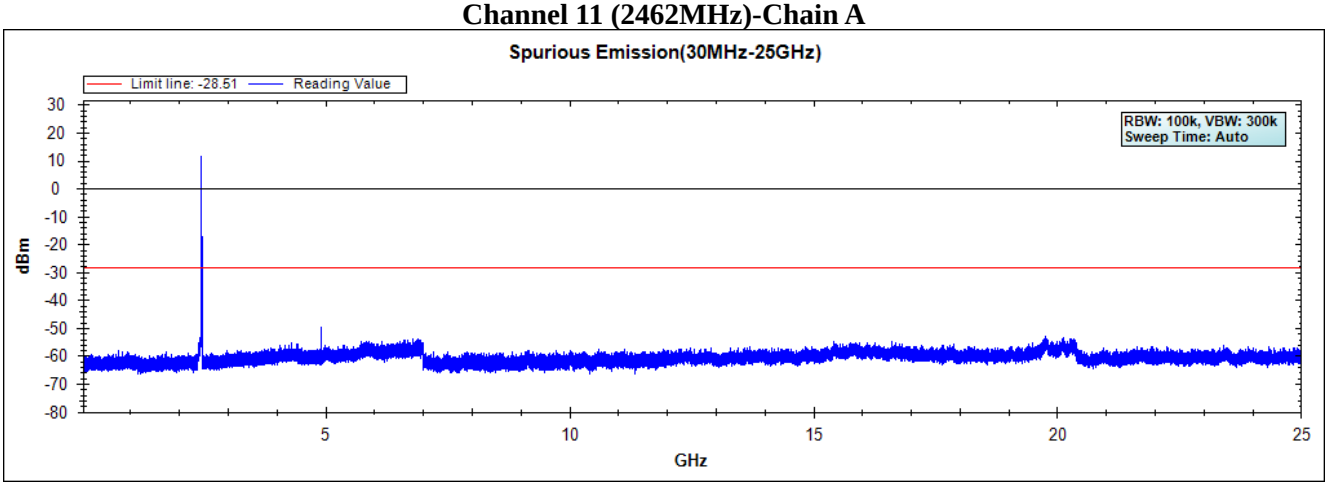
Channel 01 (2412MHz)-Chain A



Channel 06 (2437MHz)-Chain A



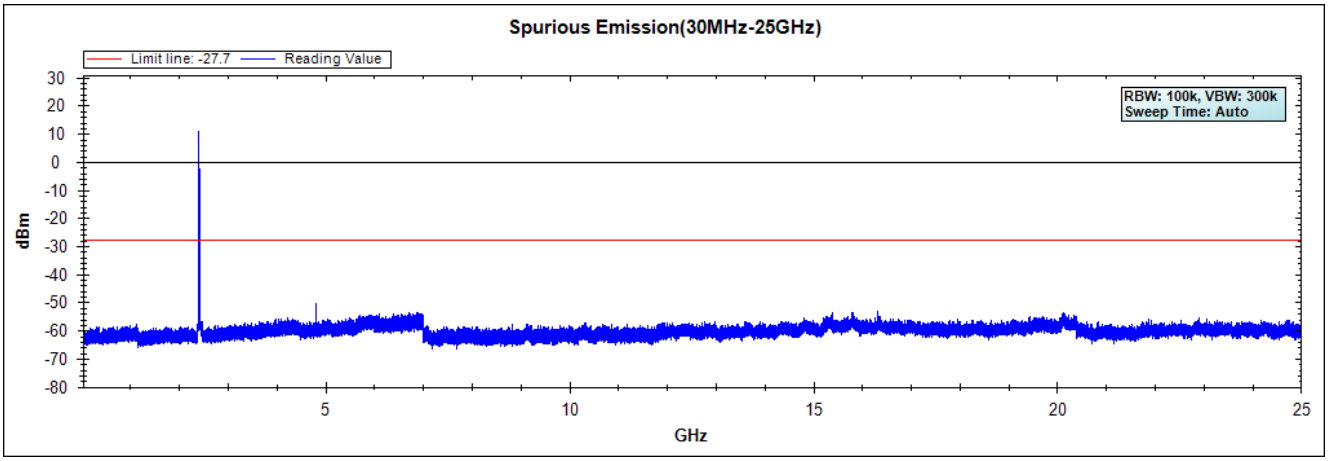
Channel 11 (2462MHz)-Chain A



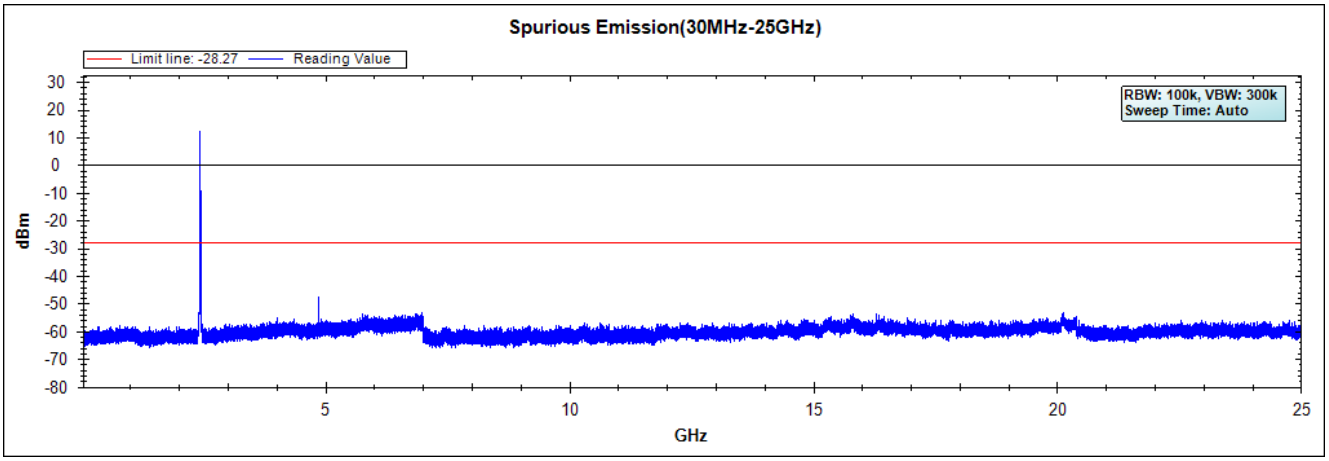
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF antenna conducted test
Test Mode	:	Mode 1: Transmit (802.11b-CDD)
Test Date	:	2020/07/05

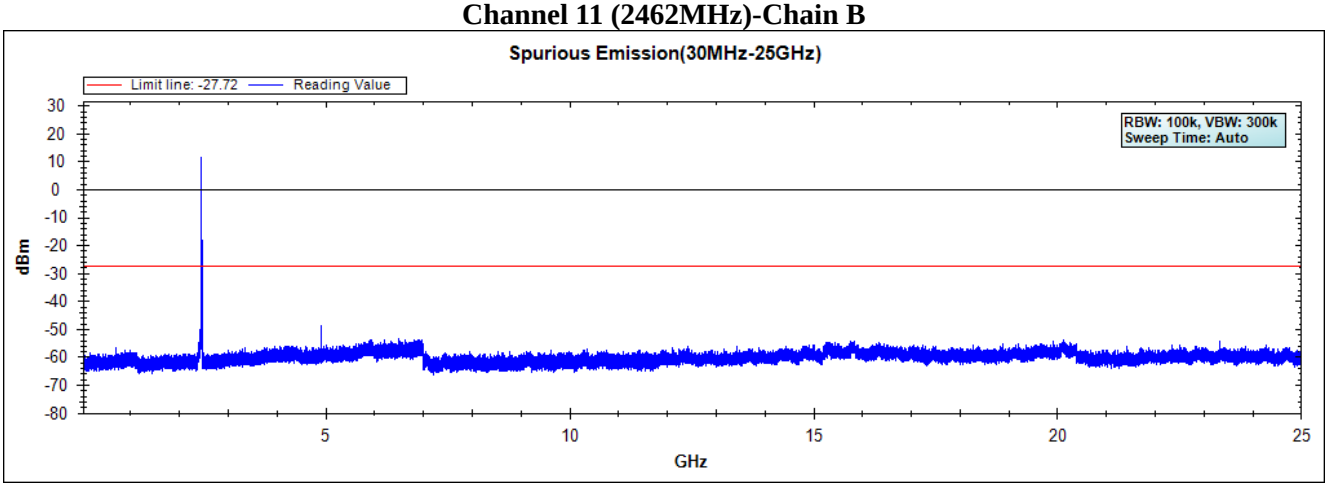
Channel 01 (2412MHz)-Chain B



Channel 06 (2437MHz)-Chain B



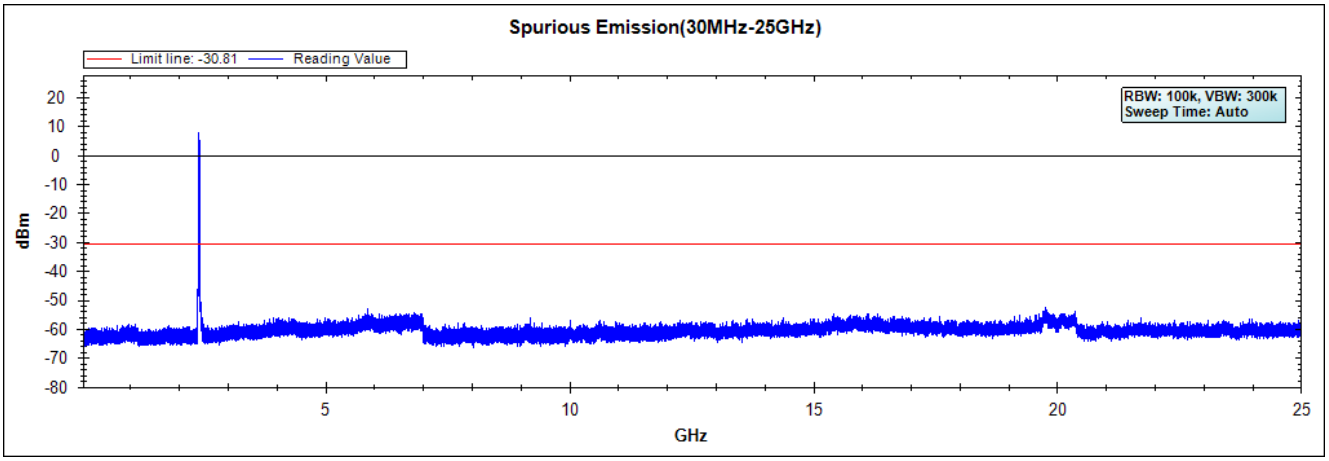
Channel 11 (2462MHz)-Chain B



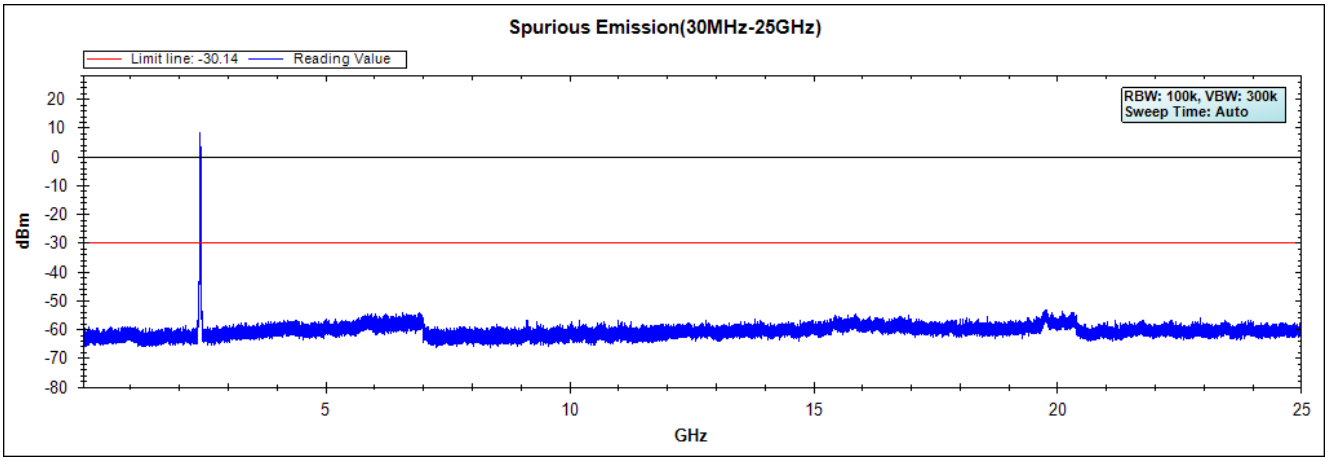
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 2: Transmit (802.11g-CDD)
Test Date	:	2020/07/05

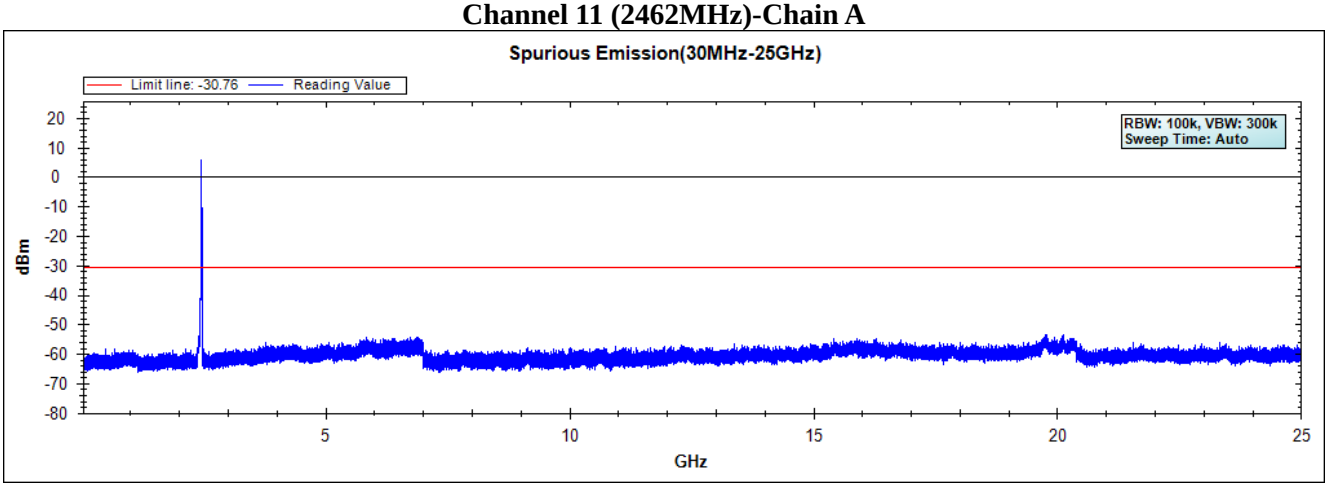
Channel 01 (2412MHz)-Chain A



Channel 06 (2437MHz)-Chain A



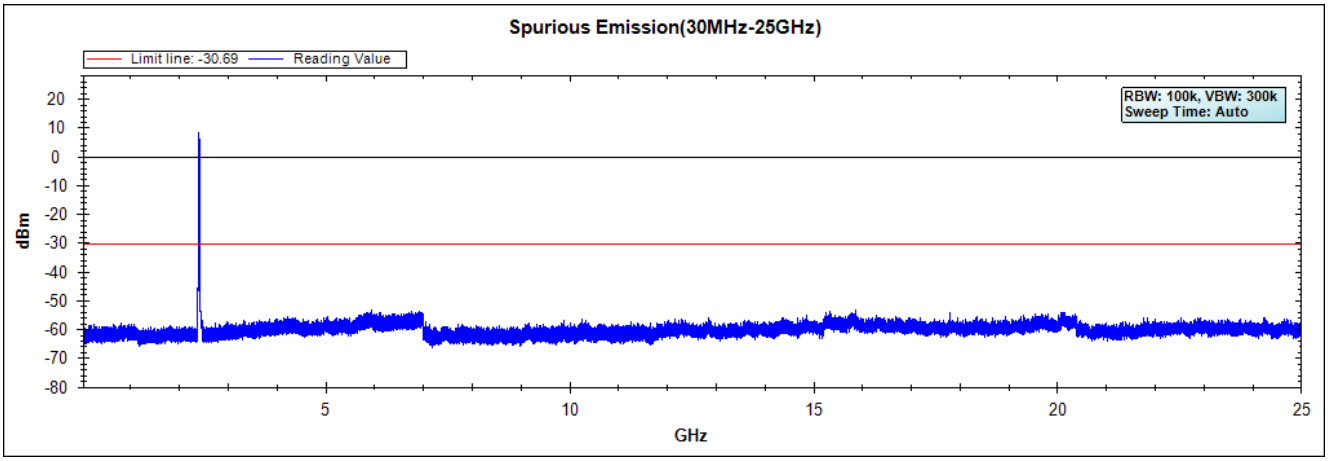
Channel 11 (2462MHz)-Chain A



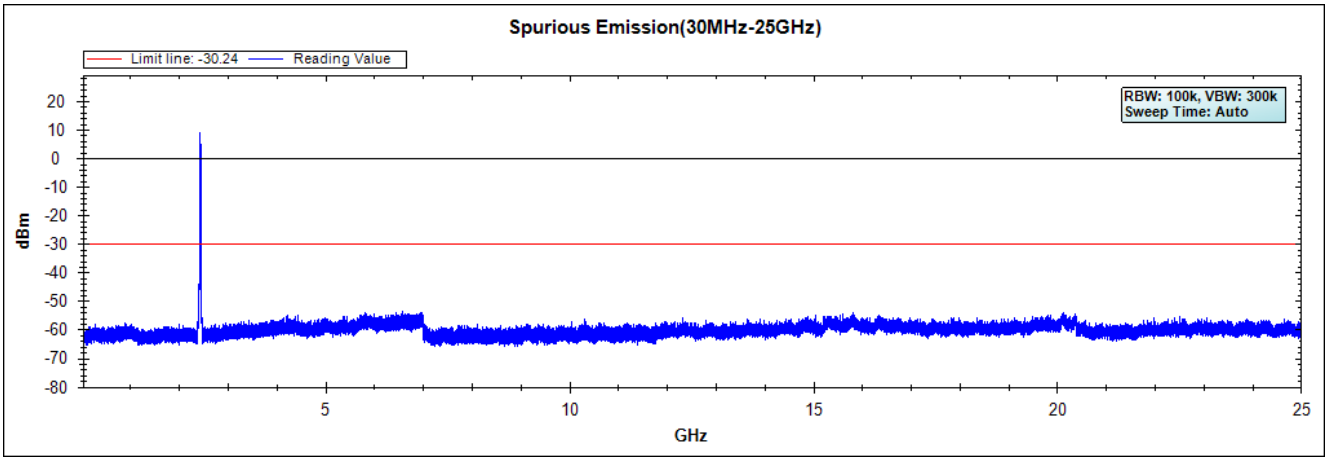
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 2: Transmit (802.11g-CDD)
Test Date	:	2020/07/05

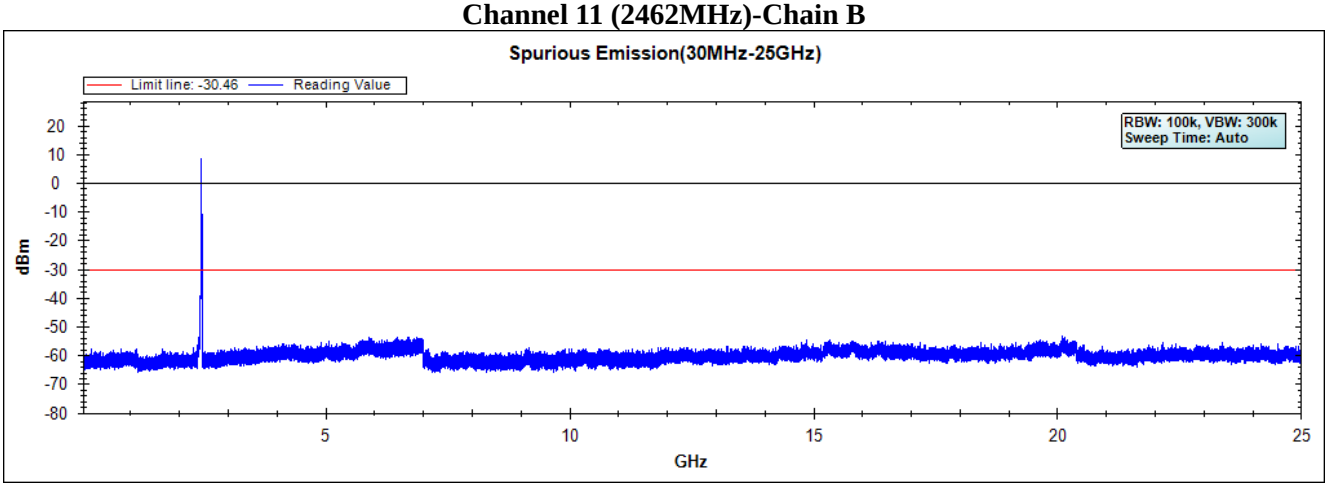
Channel 01 (2412MHz)-Chain B



Channel 06 (2437MHz)-Chain B



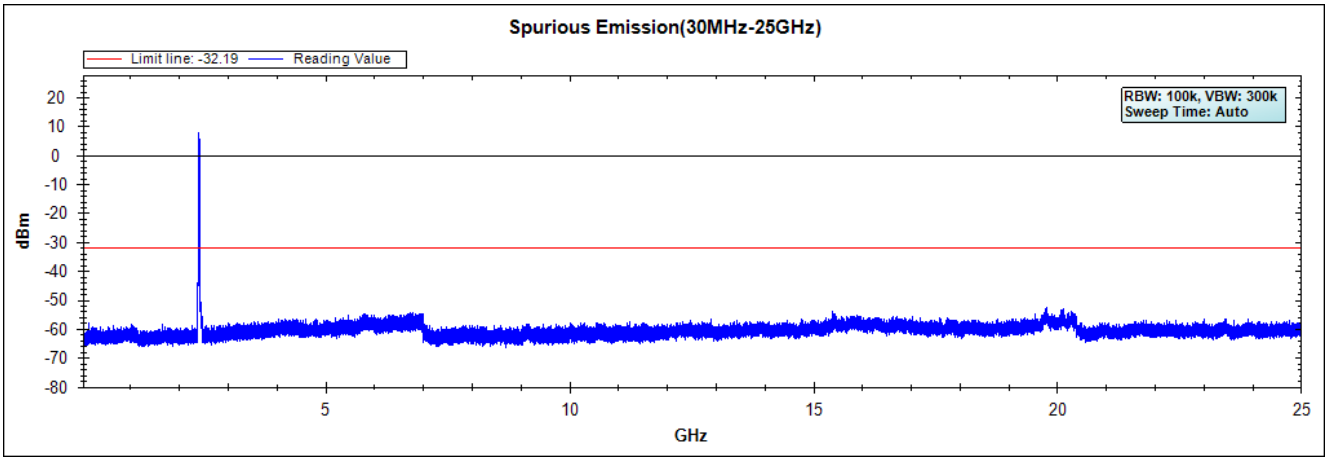
Channel 11 (2462MHz)-Chain B



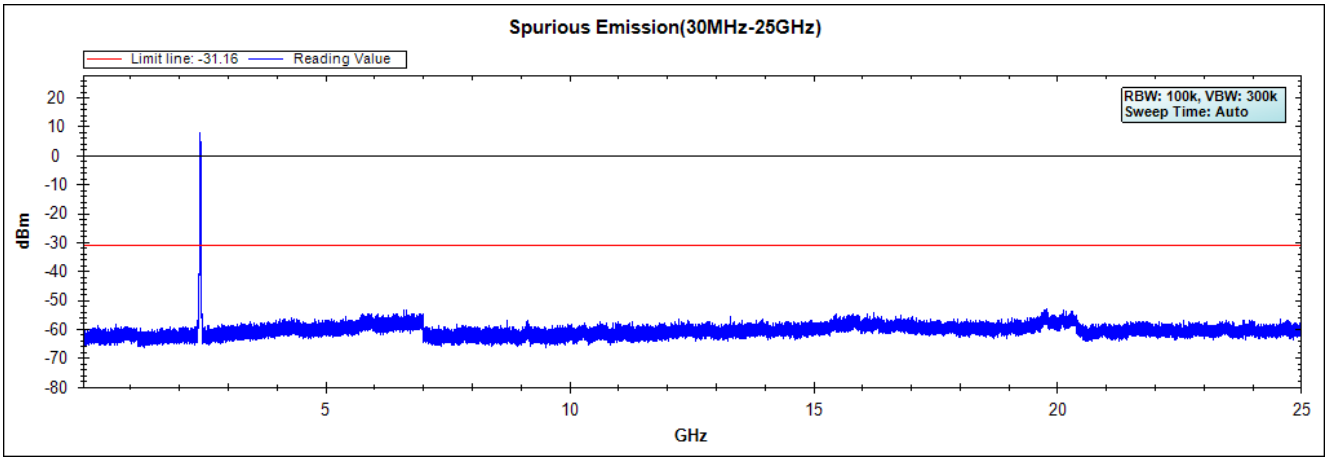
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-Full)
Test Date	:	2020/07/05

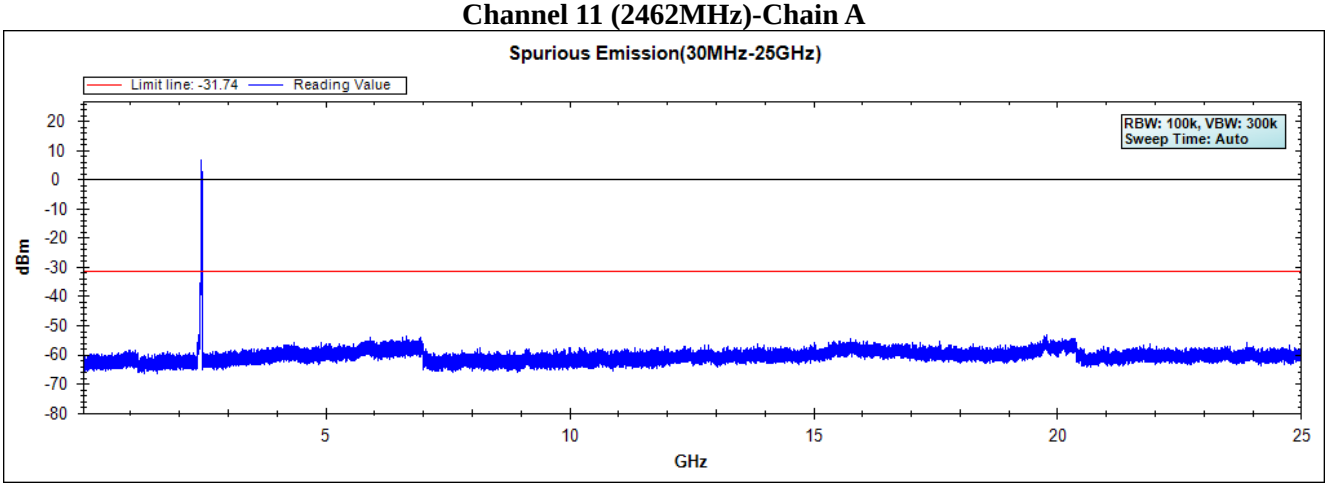
Channel 01 (2412MHz)-Chain A



Channel 06 (2437MHz)-Chain A



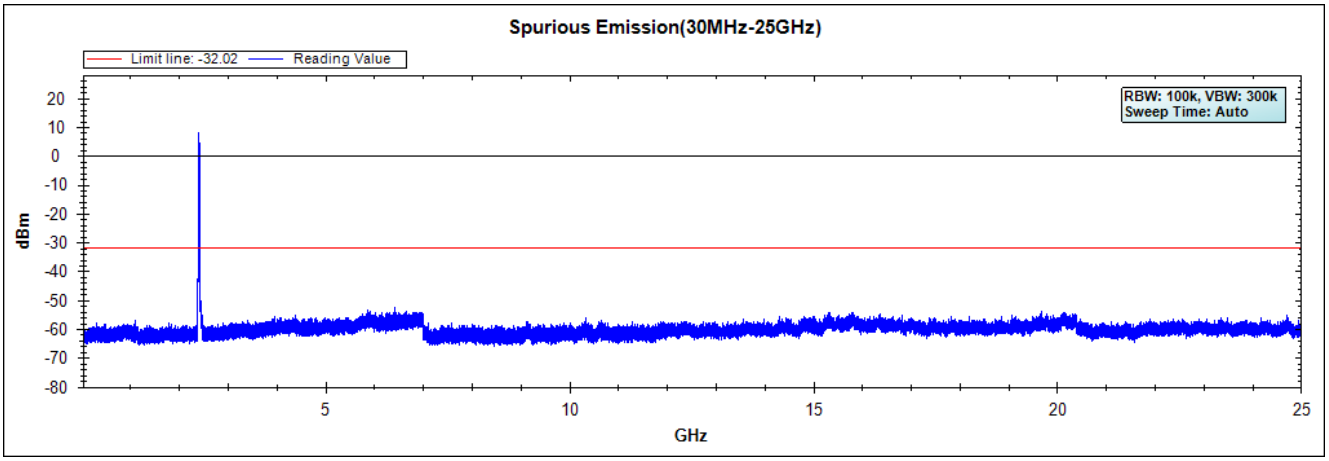
Channel 11 (2462MHz)-Chain A



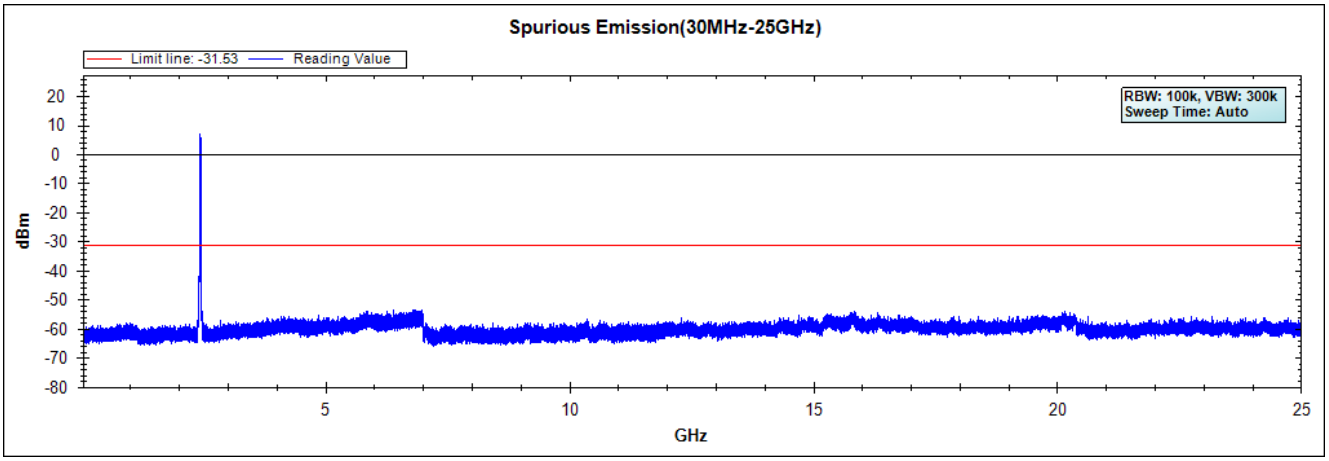
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-Full)
Test Date	:	2020/07/05

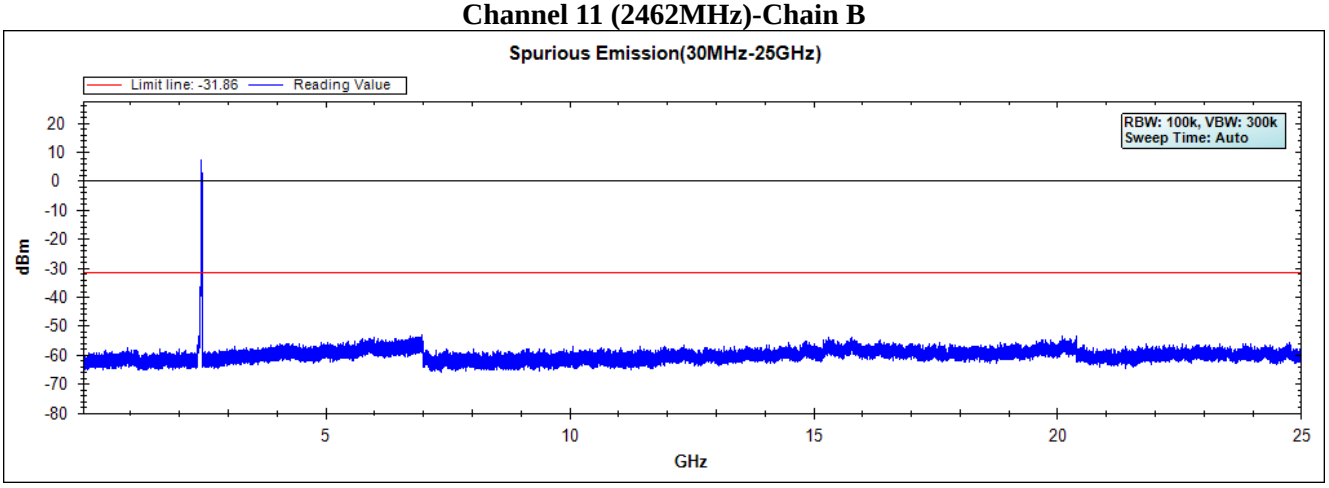
Channel 01 (2412MHz)-Chain B



Channel 06 (2437MHz)-Chain B



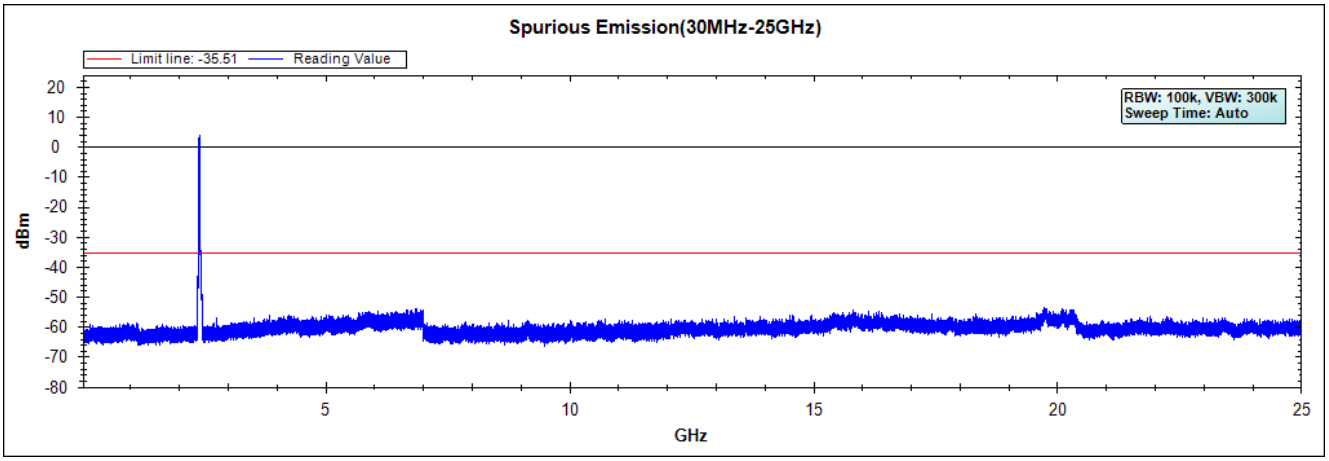
Channel 11 (2462MHz)-Chain B



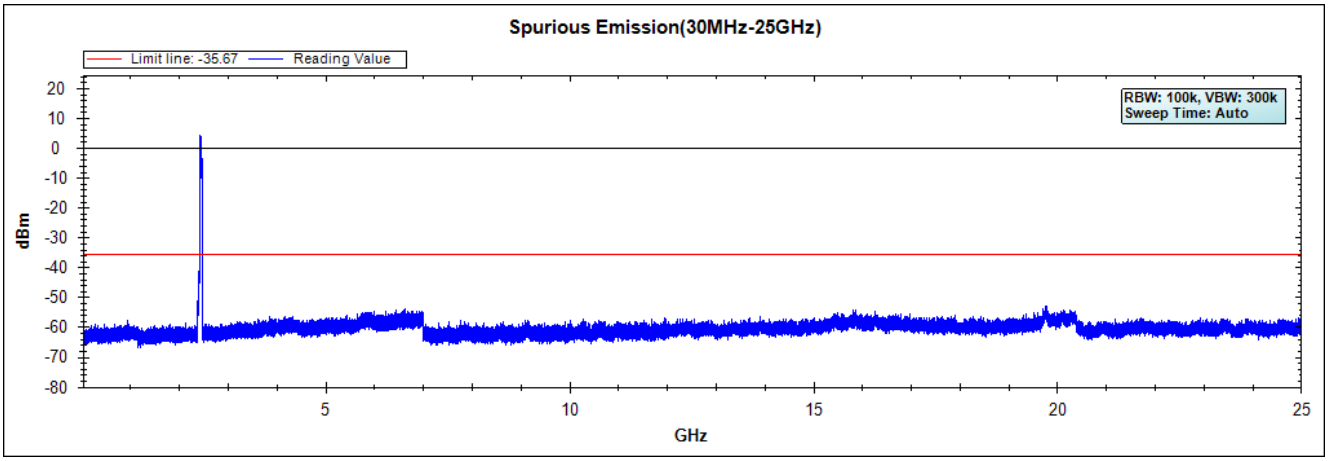
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-Full)
Test Date	:	2020/07/05

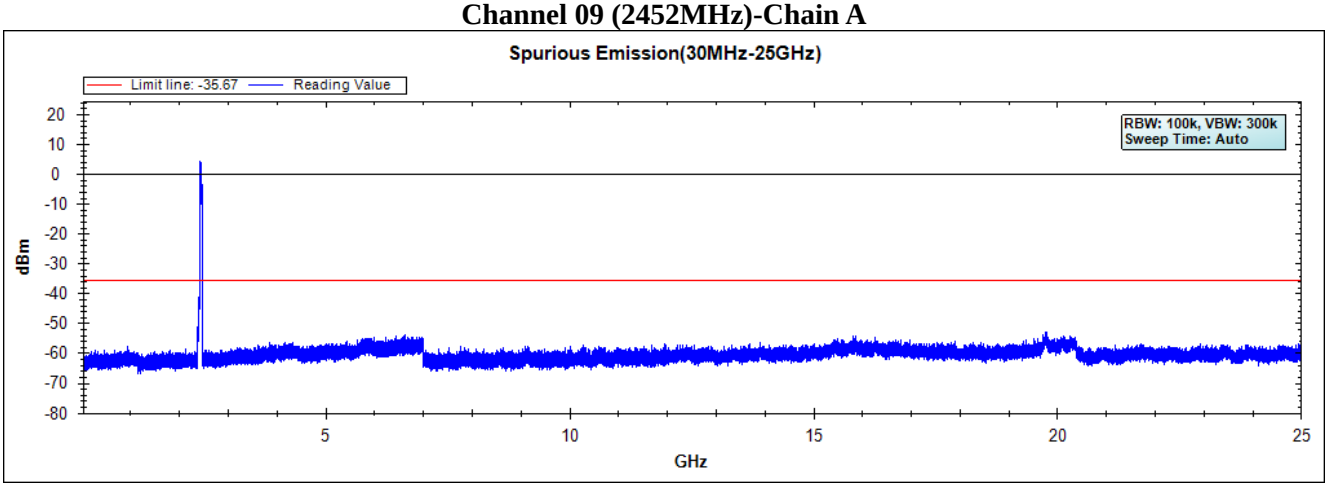
Channel 03 (2422MHz)-Chain A



Channel 06 (2437MHz)-Chain A



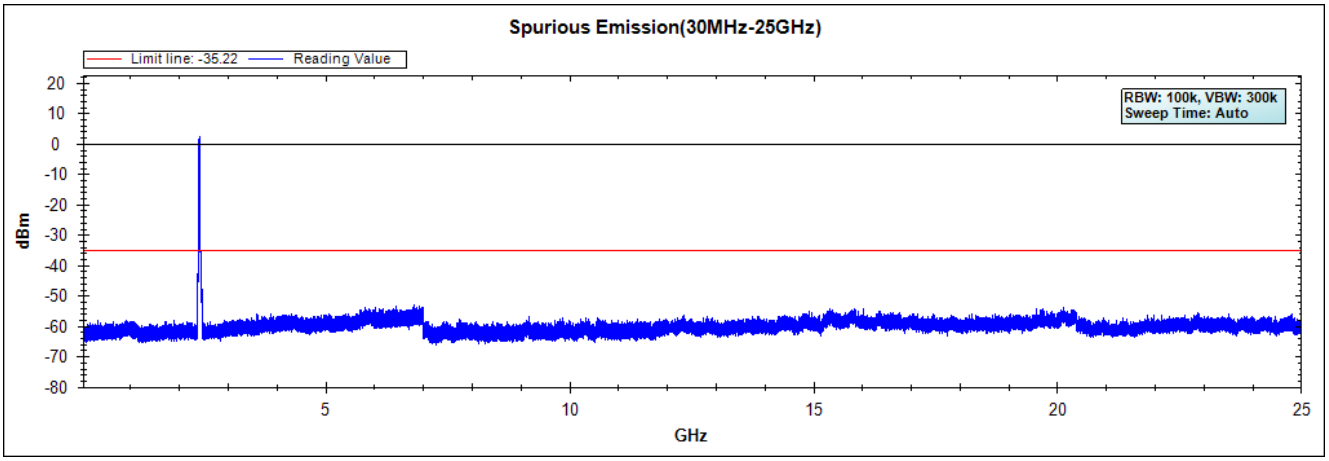
Channel 09 (2452MHz)-Chain A



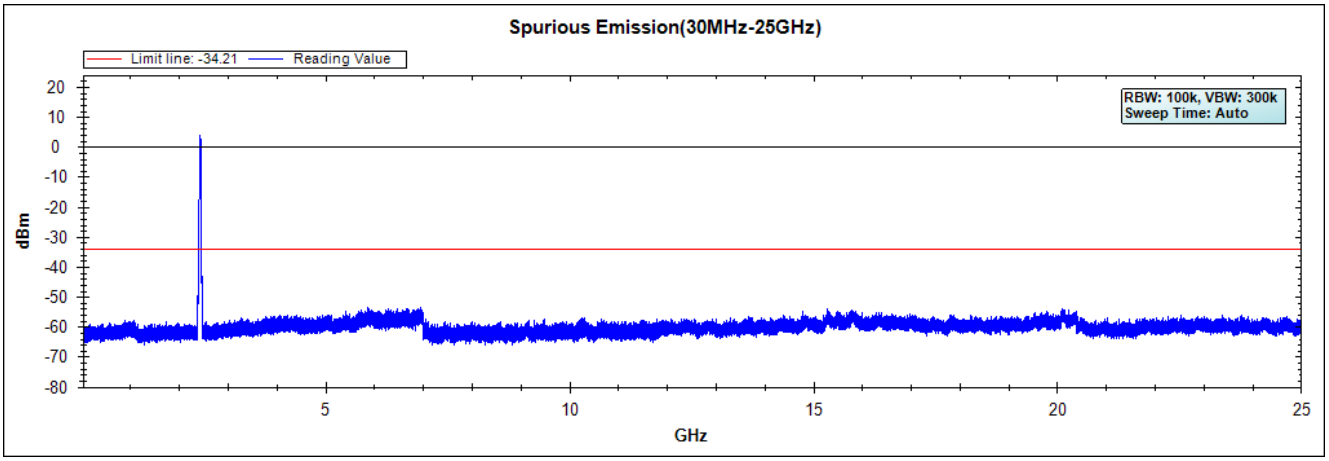
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-Full)
Test Date	:	2020/07/05

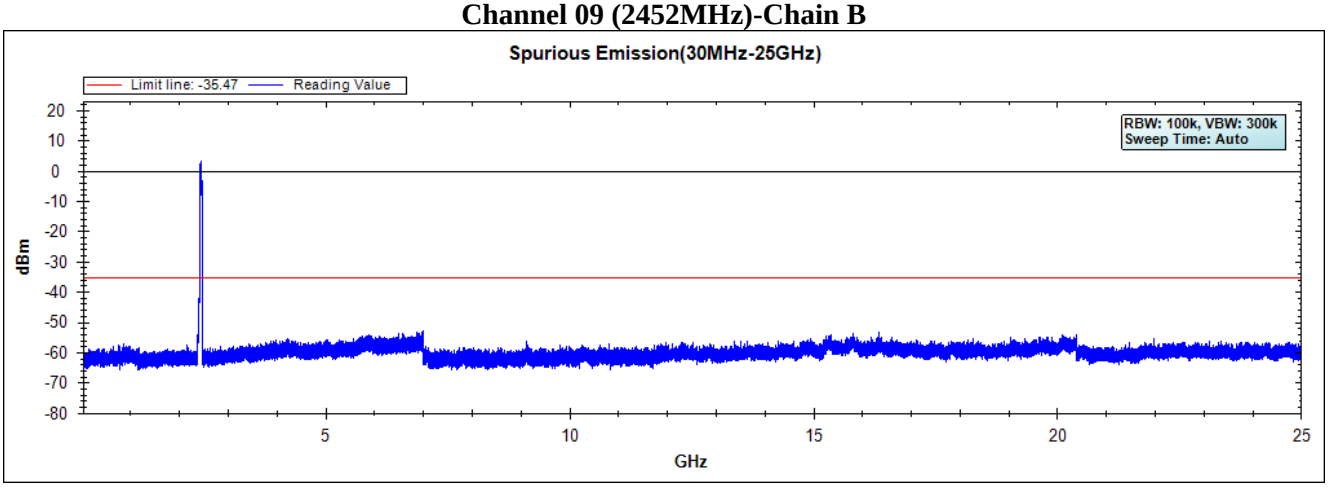
Channel 03 (2422MHz)-Chain B



Channel 06 (2437MHz)-Chain B



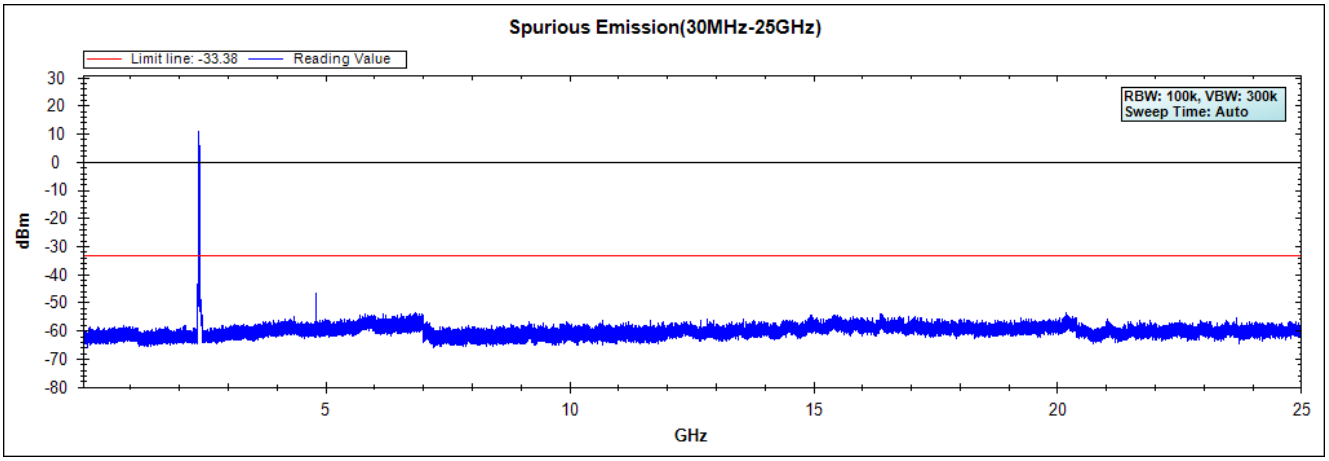
Channel 09 (2452MHz)-Chain B



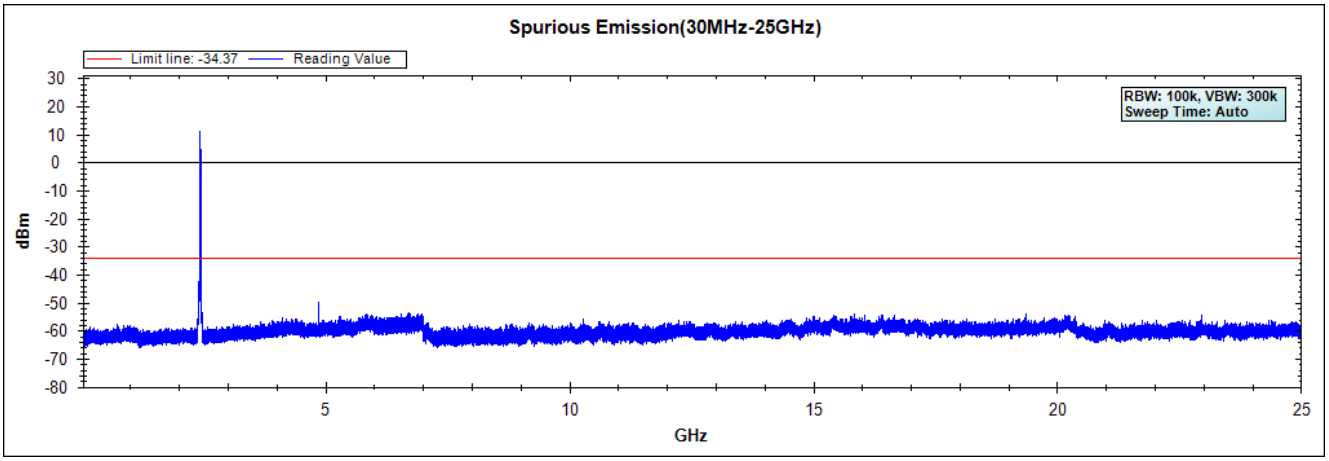
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)
Test Date	:	2020/07/07

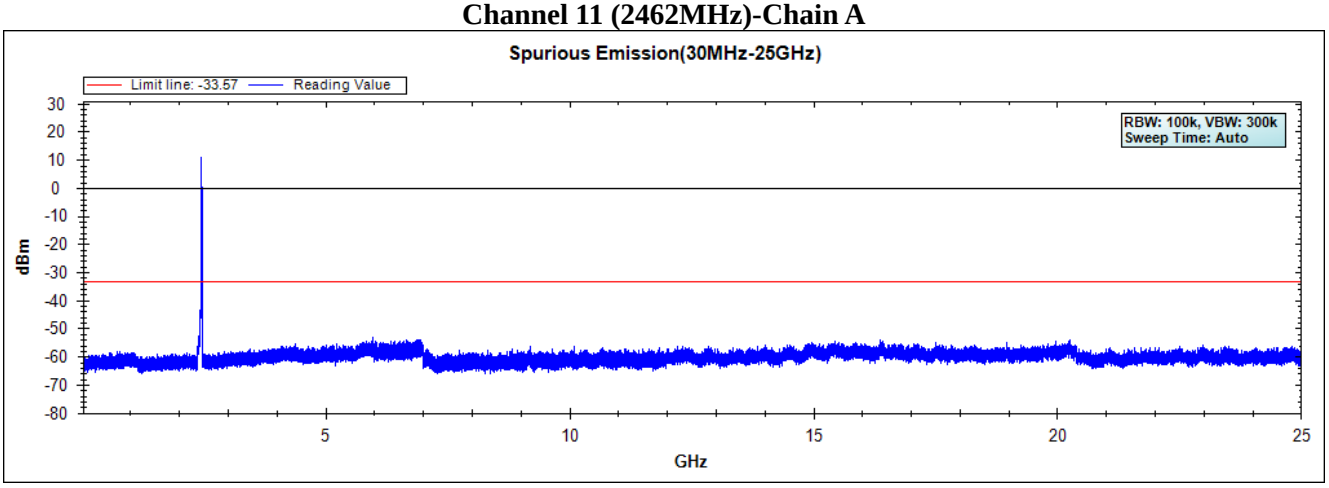
Channel 01 (2412MHz)-Chain A



Channel 06 (2437MHz)-Chain A



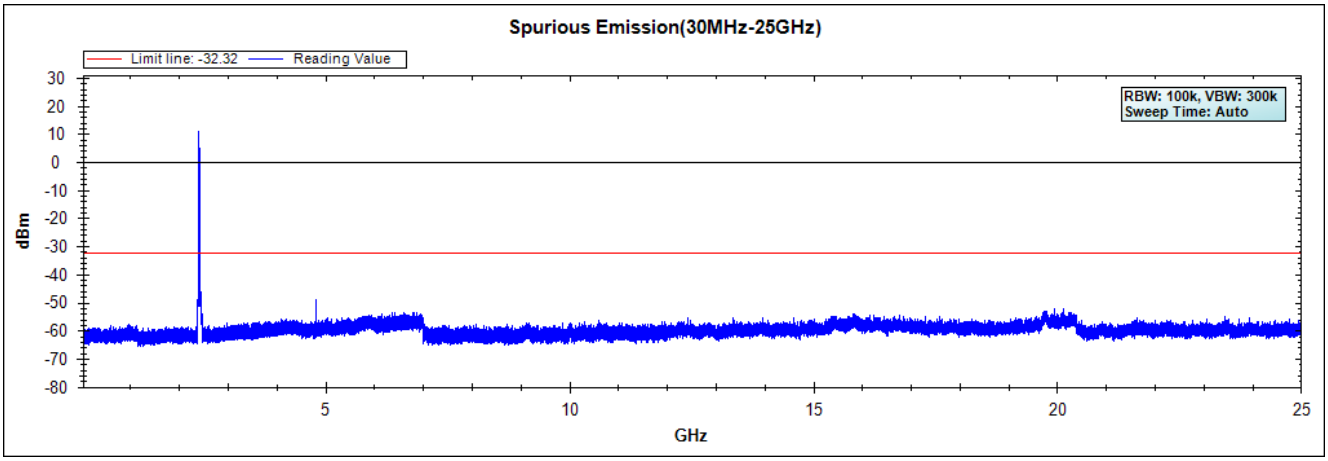
Channel 11 (2462MHz)-Chain A



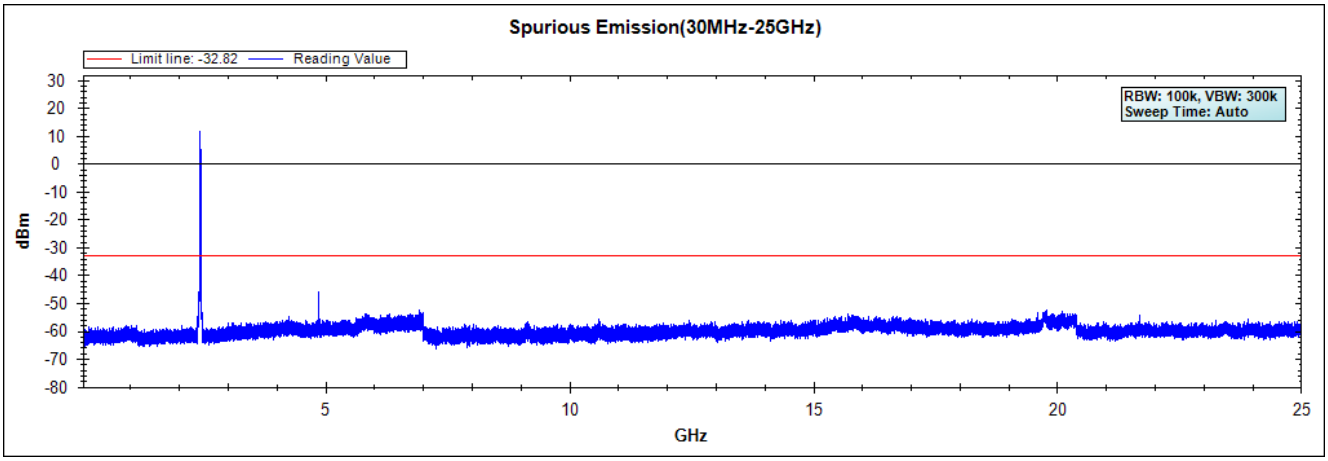
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming)
Test Date	:	2020/07/07

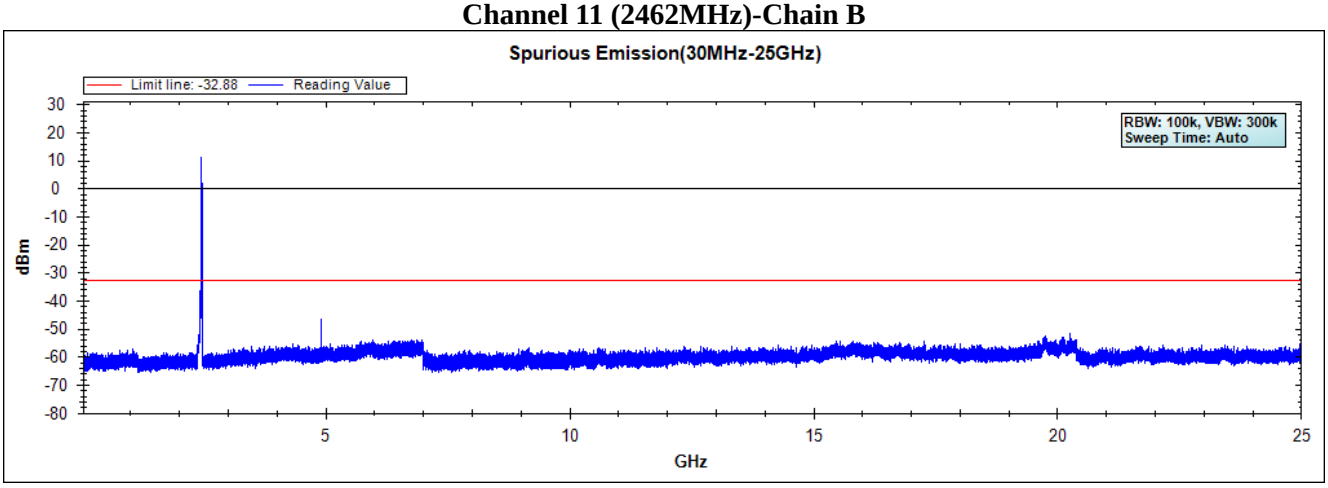
Channel 01 (2412MHz)-Chain B



Channel 06 (2437MHz)-Chain B



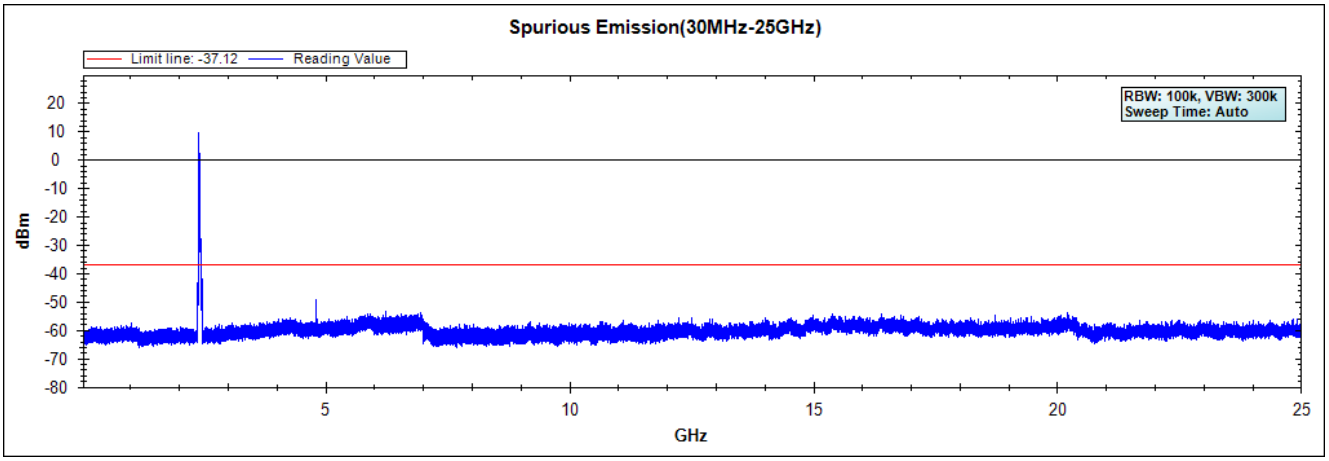
Channel 11 (2462MHz)-Chain B



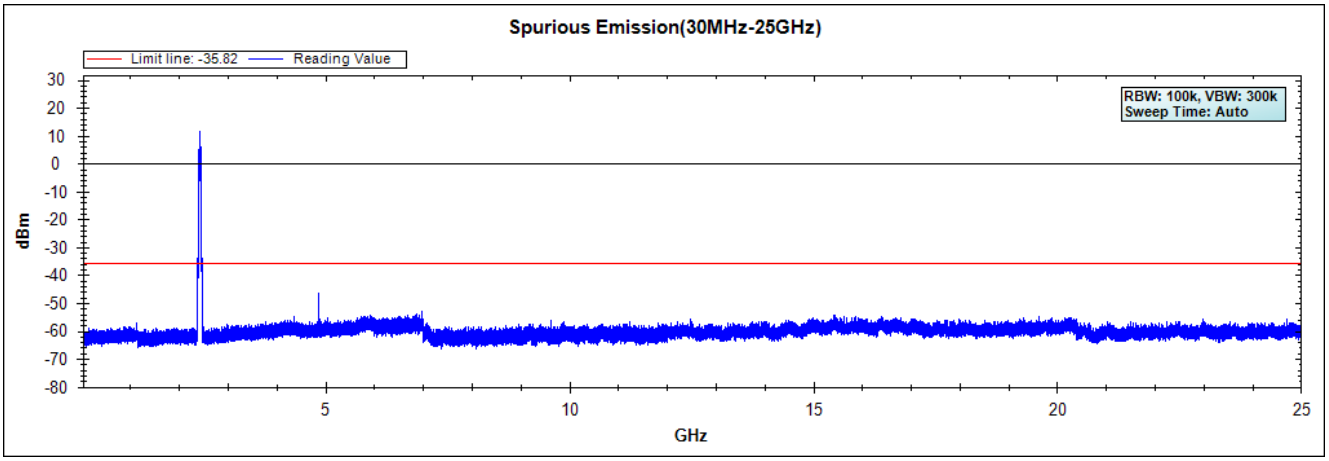
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)
Test Date	:	2020/07/02

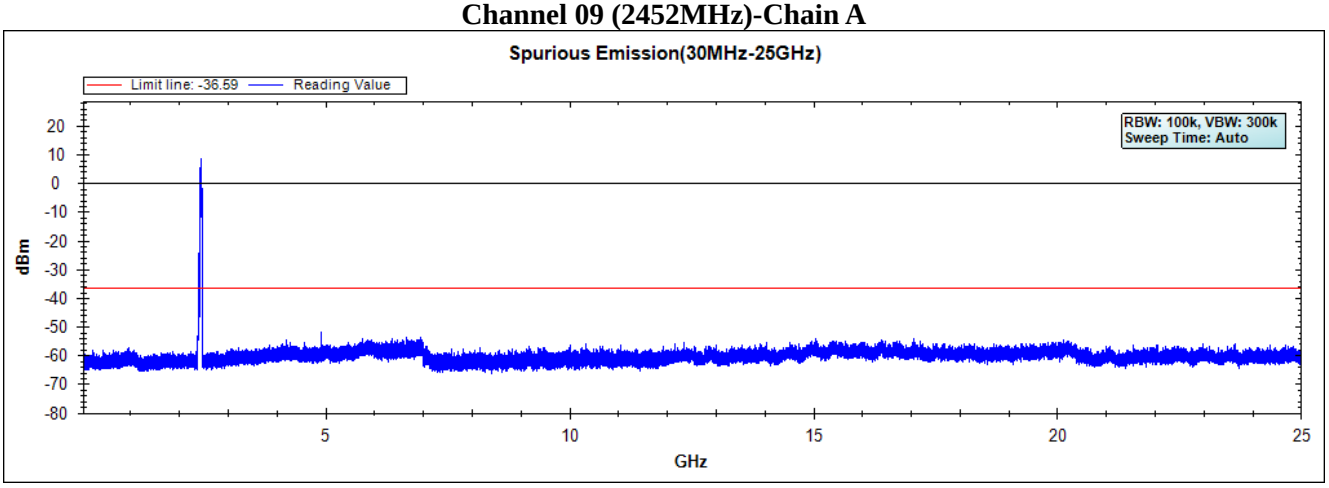
Channel 03 (2422MHz)-Chain A



Channel 06 (2437MHz)-Chain A



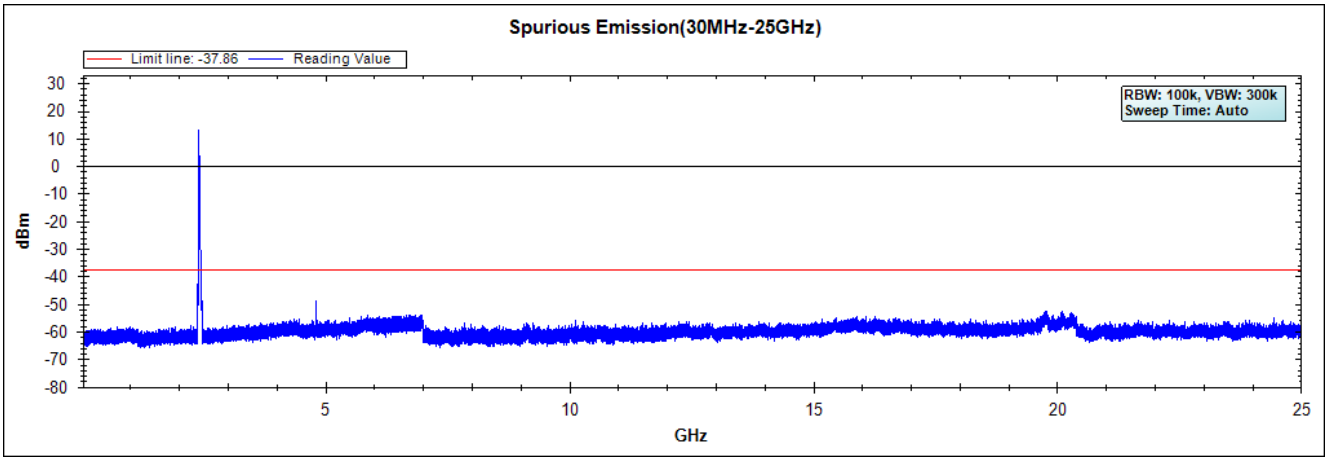
Channel 09 (2452MHz)-Chain A



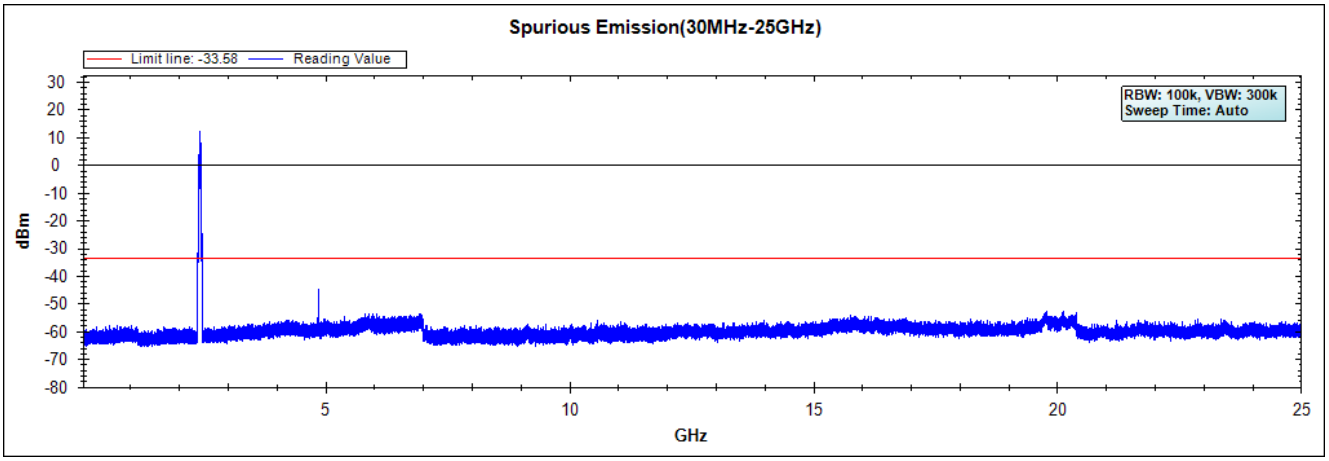
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	LV55
Test Item	:	RF Antenna Conducted Spurious
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming)
Test Date	:	2020/07/07

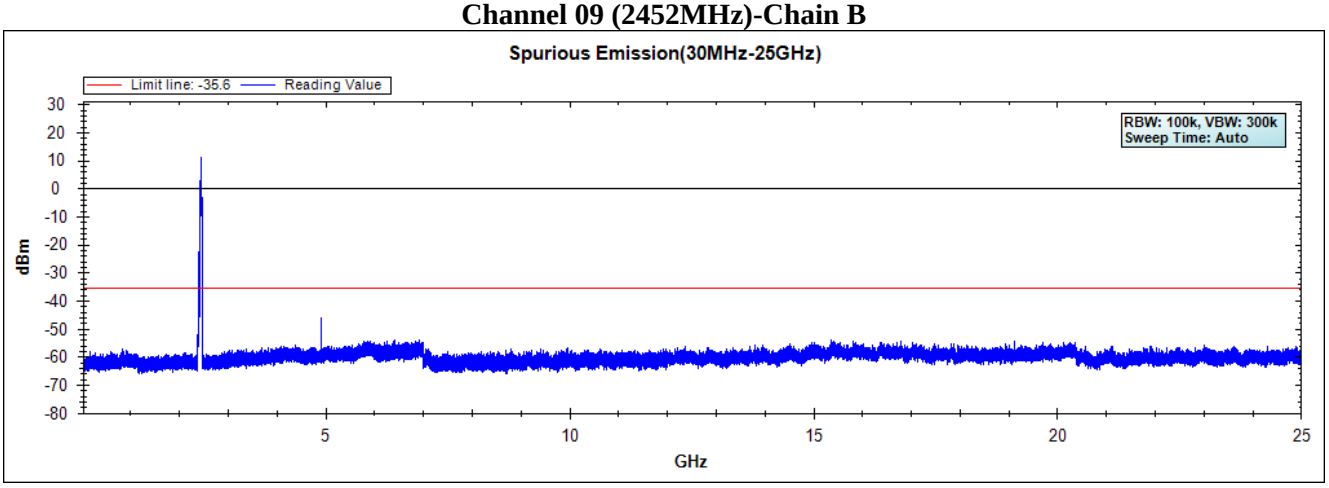
Channel 03 (2422MHz)-Chain B



Channel 06 (2437MHz)-Chain B



Channel 09 (2452MHz)-Chain B

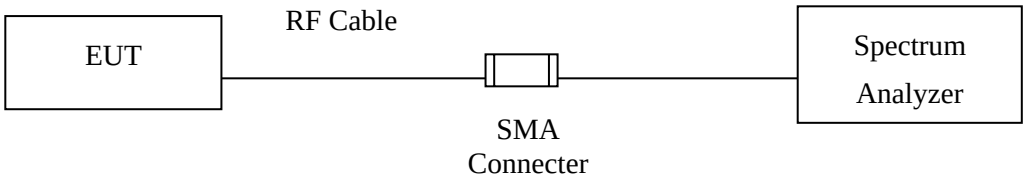


Note: The above test pattern is synthesized by multiple of the frequency range.

6. Band Edge

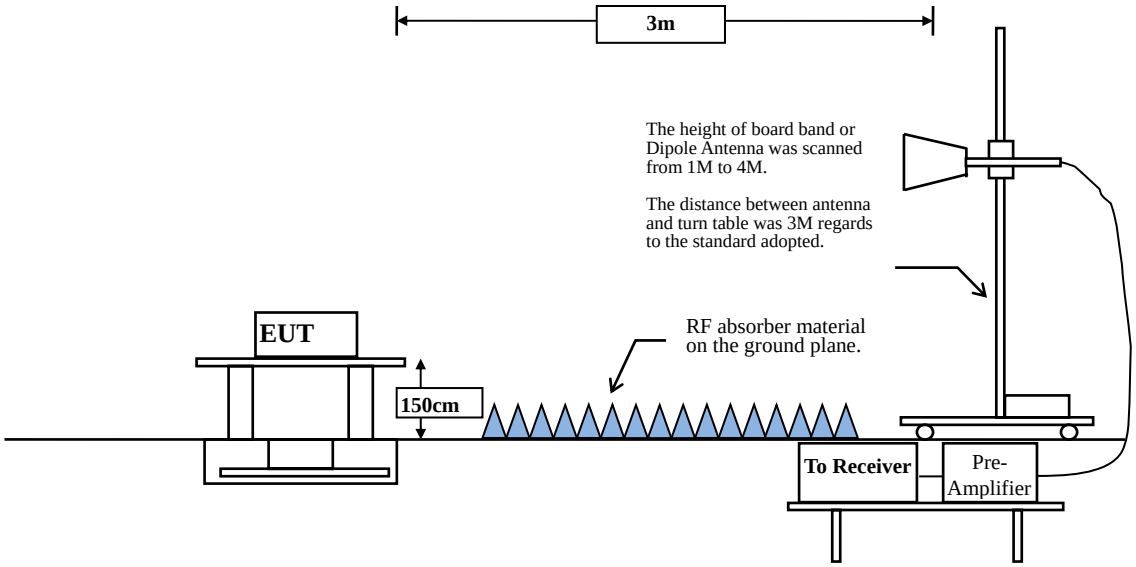
6.1. Test Setup

RF Conducted Measurement



RF Radiated Measurement:

Above 1GHz



6.2. Limits

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

VBW ≥ 3 x RBW.

Table 1 —RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 1/T, when duty cycle < 98 %

(T refers to 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.)

CDD Mode:

2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11b	61.64	1.3044	767	1000
802.11g	93.40	1.4348	697	1000
802.11ax20 (RU Config-Full)	95.20	5.4638	183	200
802.11ax40 (RU Config-Full)	96.17	5.4638	183	200
802.11ax20 (RU Config-edges mode)	89.80	3.1884	314	500
802.11ax40 (RU Config-edges mode)	86.24	3.3623	297	300

Beamforming Mode:

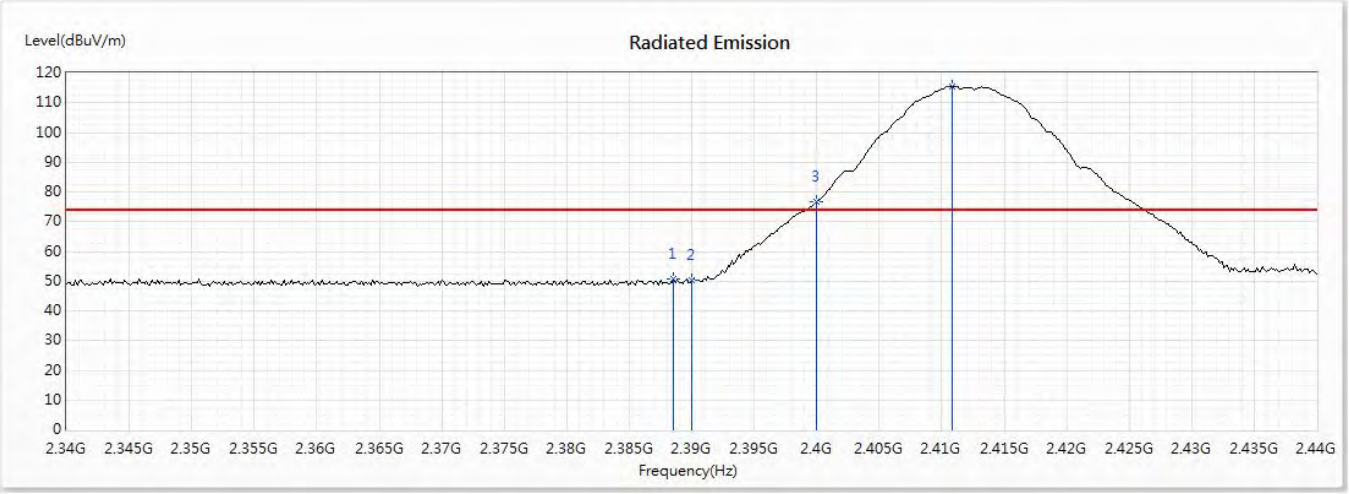
2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11ax20	90.76	3.6304	275	300
802.11ax40	67.81	2.0145	496	500

Note: Duty Cycle Refer to Section 9

6.4. Test Result of Band Edge

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 1: Transmit (802.11b-CDD) (2412MHz)
Test Date : 2020/06/23

Horizontal



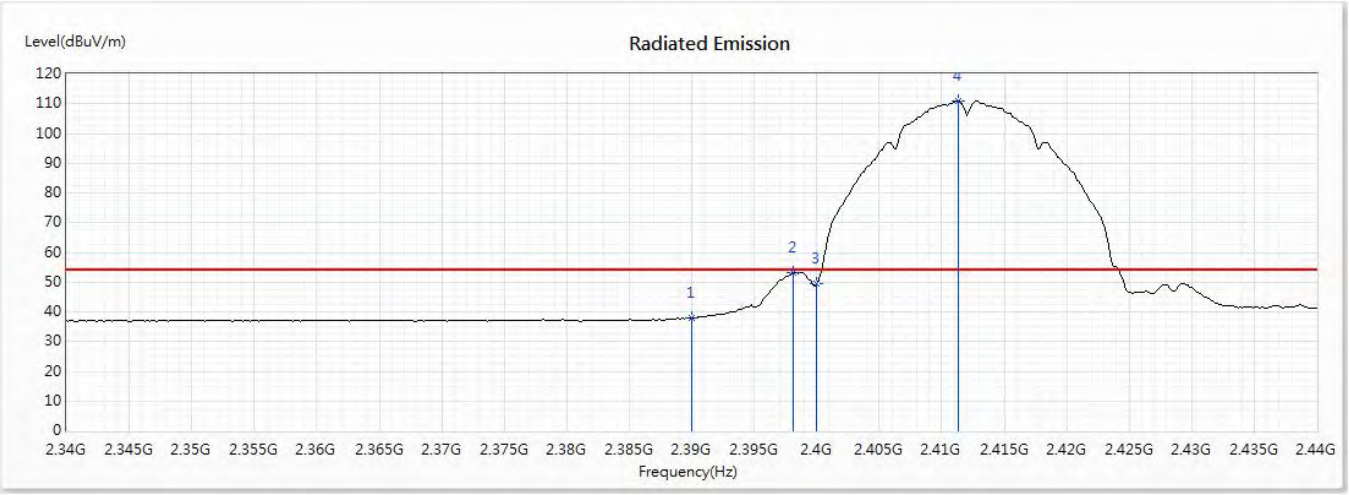
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2388.551	50.55	74.00	-23.45	38.30	12.25	PK
2	2390	50.34	74.00	-23.66	38.09	12.25	PK
3	2400	76.68	--	--	64.42	12.26	PK
4	2410.87	115.45	--	--	103.16	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2412MHz)
Test Date	:	2020/06/23

Horizontal



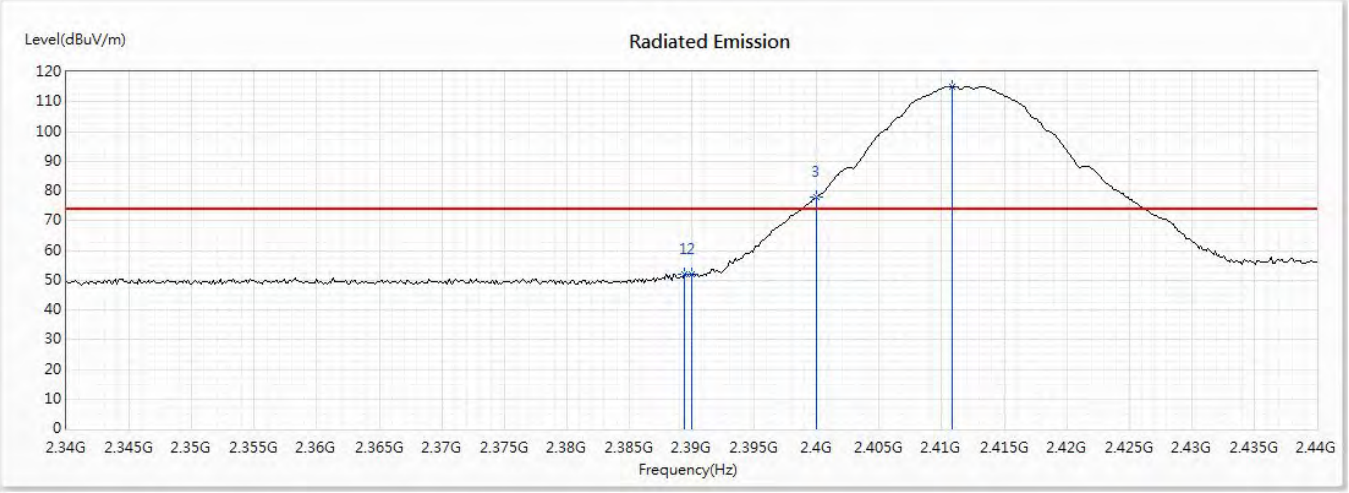
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	37.78	54.00	-16.22	25.53	12.25	AV
2	2398.116	53.14	54.00	-0.86	40.88	12.26	AV
3	2400	49.57	--	--	37.31	12.26	AV
4	2411.304	110.96	--	--	98.67	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2412MHz)
Test Date	:	2020/06/23

Vertical



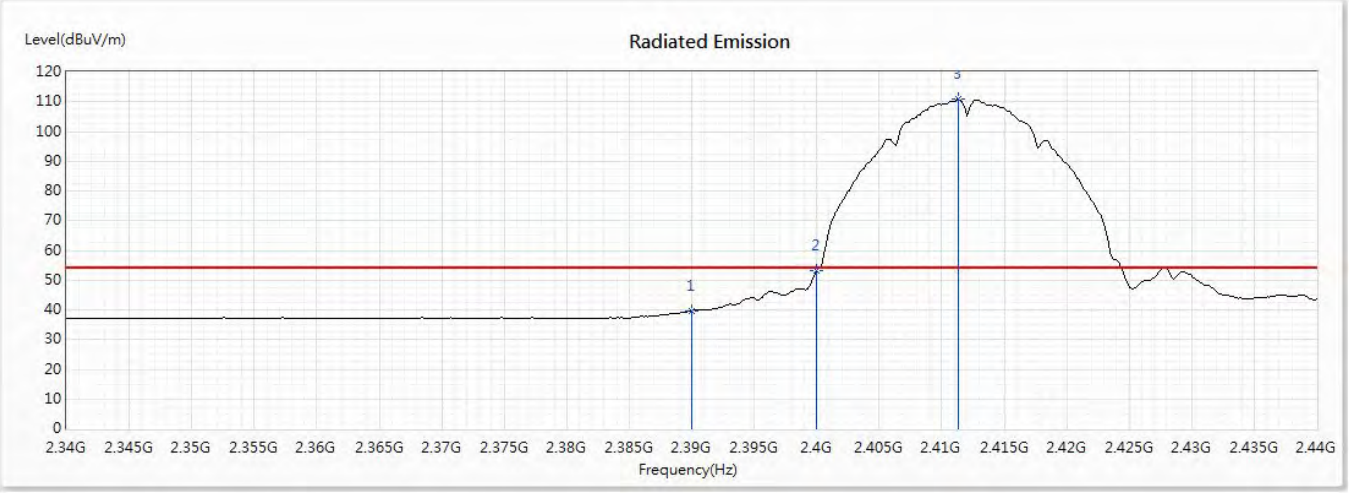
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.42	51.90	74.00	-22.10	39.65	12.25	PK
2	2390	51.76	74.00	-22.24	39.51	12.25	PK
3	2400	77.94	--	--	65.68	12.26	PK
4	2410.87	115.23	--	--	102.94	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2412MHz)
Test Date	:	2020/06/23

Vertical



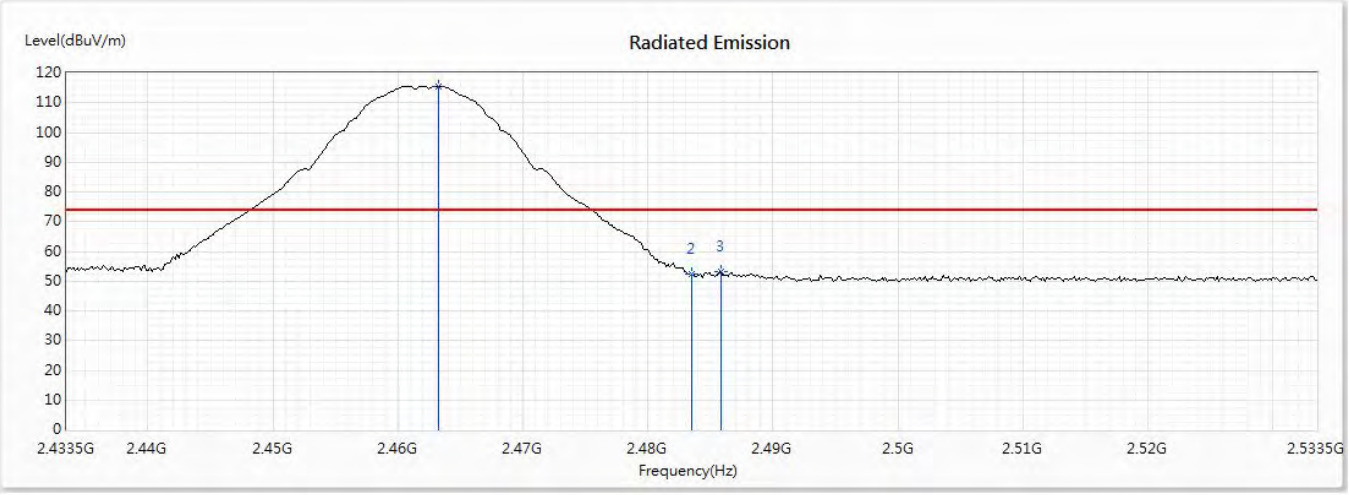
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	39.52	54.00	-14.48	27.27	12.25	AV
2	2400	53.03	--	--	40.77	12.26	AV
3	2411.304	110.74	--	--	98.45	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462MHz)
Test Date	:	2020/06/23

Horizontal



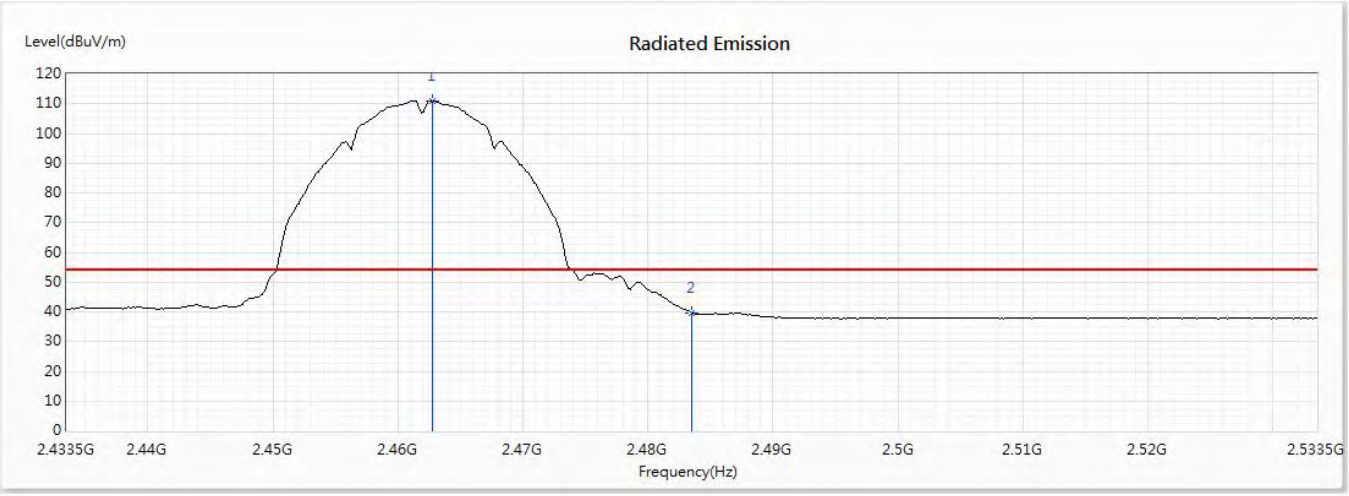
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2463.21	115.65	--	--	103.17	12.48	PK
2	2483.5	52.38	74.00	-21.62	39.80	12.58	PK
3	2485.819	53.06	74.00	-20.94	40.46	12.60	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462MHz)
Test Date	:	2020/06/23

Horizontal



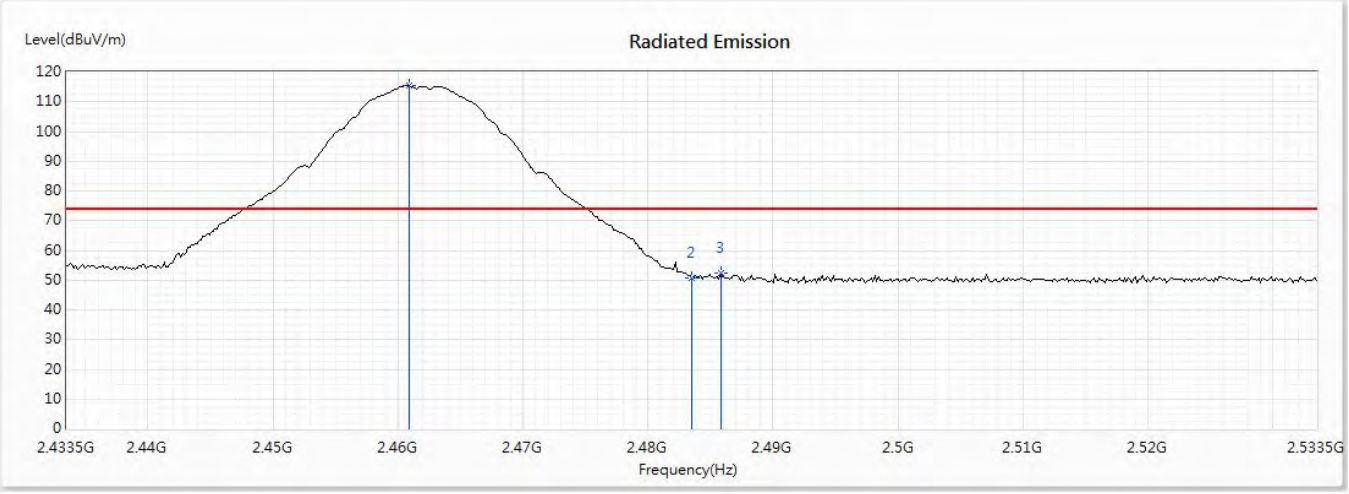
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2462.775	111.13	--	--	98.65	12.48	AV
2	2483.5	39.77	54.00	-14.23	27.19	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462MHz)
Test Date	:	2020/06/23

Vertical



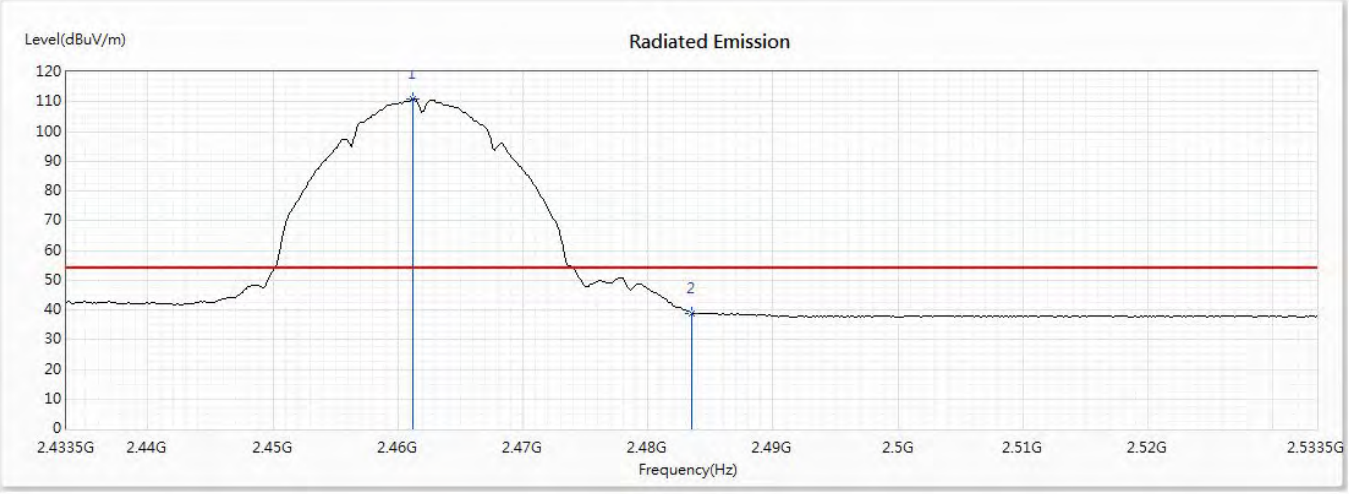
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2460.891	115.33	--	--	102.86	12.47	PK
2	2483.5	50.90	74.00	-23.10	38.32	12.58	PK
3	2485.819	52.20	74.00	-21.80	39.60	12.60	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11b-CDD) (2462MHz)
Test Date	:	2020/06/23

Vertical



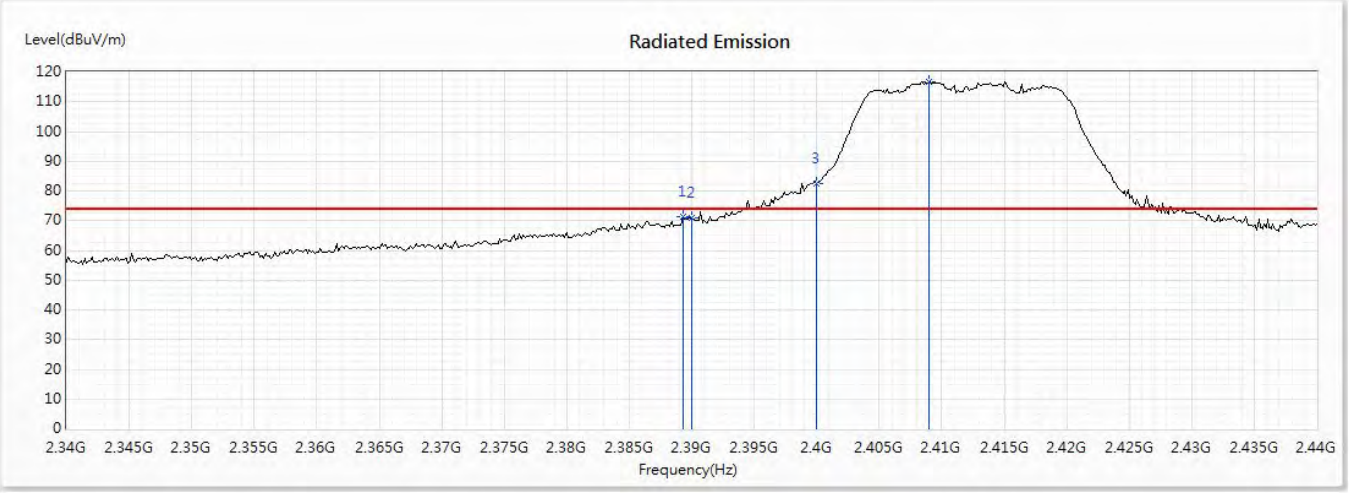
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2461.181	110.83	--	--	98.36	12.47	AV
2	2483.5	38.89	54.00	-15.11	26.31	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)
Test Date	:	2020/06/23

Horizontal



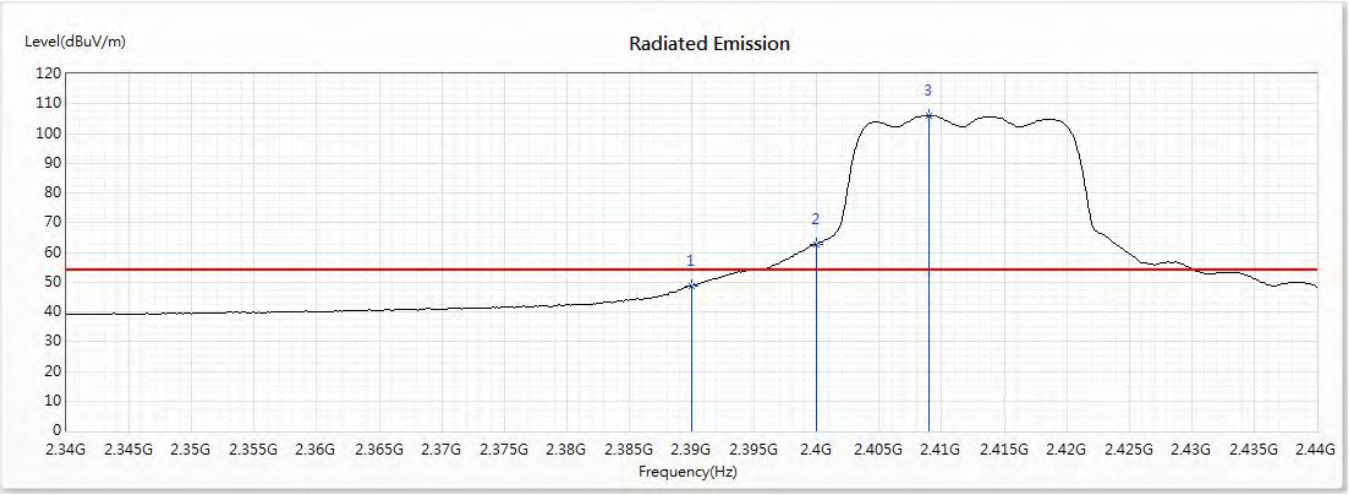
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.275	71.29	74.00	-2.71	59.04	12.25	PK
2	2390	70.83	74.00	-3.17	58.58	12.25	PK
3	2400	82.61	--	--	70.35	12.26	PK
4	2408.986	116.81	--	--	104.52	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)
Test Date	:	2020/06/23

Horizontal



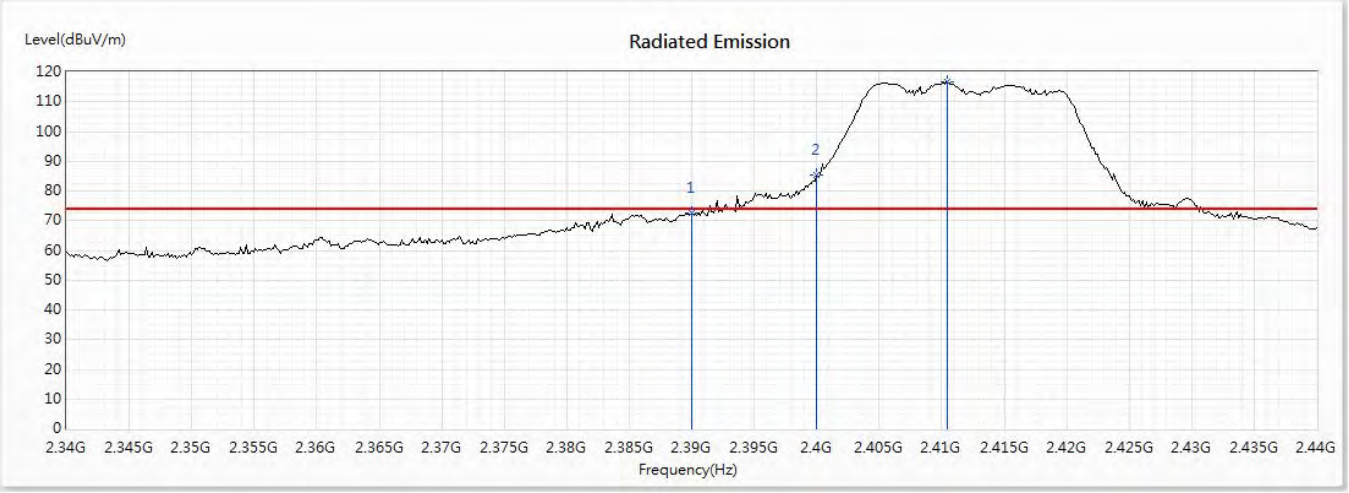
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	48.81	54.00	-5.19	36.56	12.25	AV
2	2400	62.83	--	--	50.57	12.26	AV
3	2408.986	106.10	--	--	93.81	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)
Test Date	:	2020/06/23

Vertical



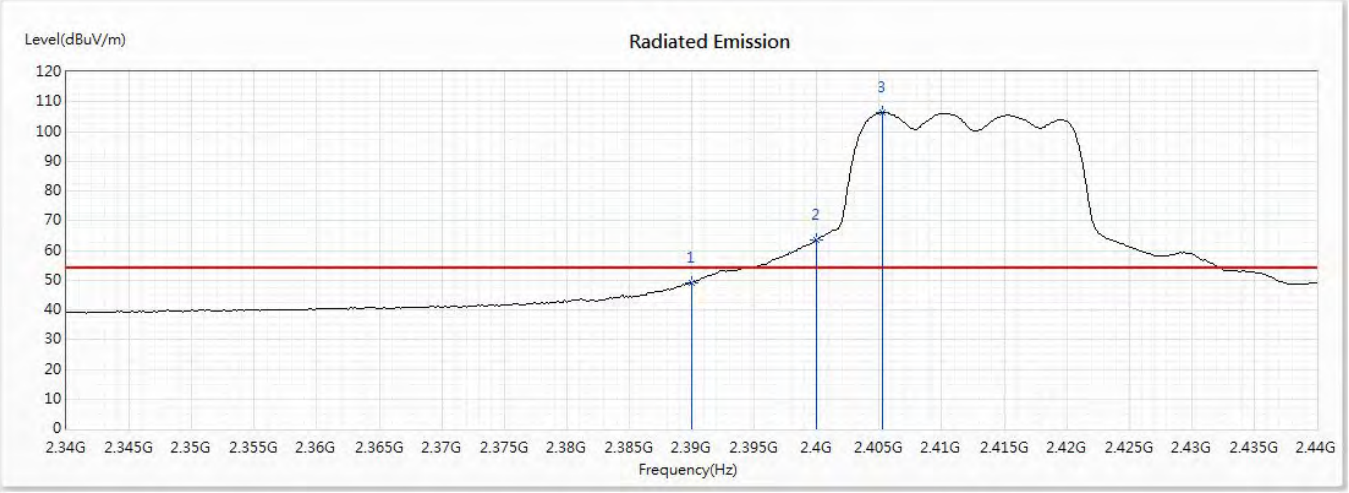
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	72.43	74.00	-1.57	60.18	12.25	PK
2	2400	85.47	--	--	73.21	12.26	PK
3	2410.435	116.64	--	--	104.35	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2412MHz)
Test Date	:	2020/06/23

Vertical



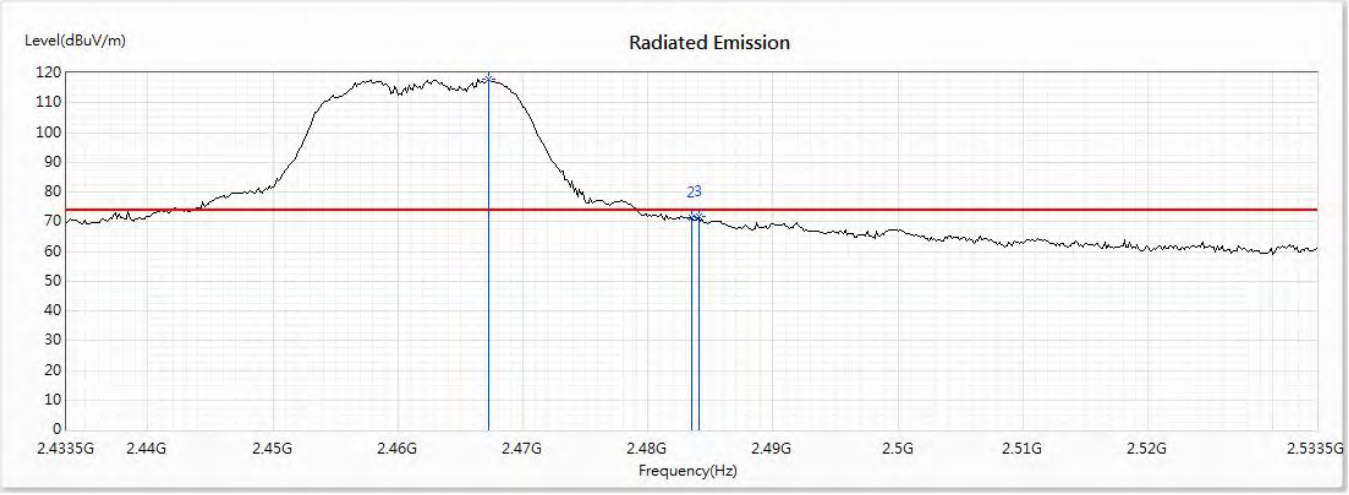
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	49.25	54.00	-4.75	37.00	12.25	AV
2	2400	63.52	--	--	51.26	12.26	AV
3	2405.217	106.29	--	--	94.01	12.28	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462MHz)
Test Date	:	2020/06/23

Horizontal



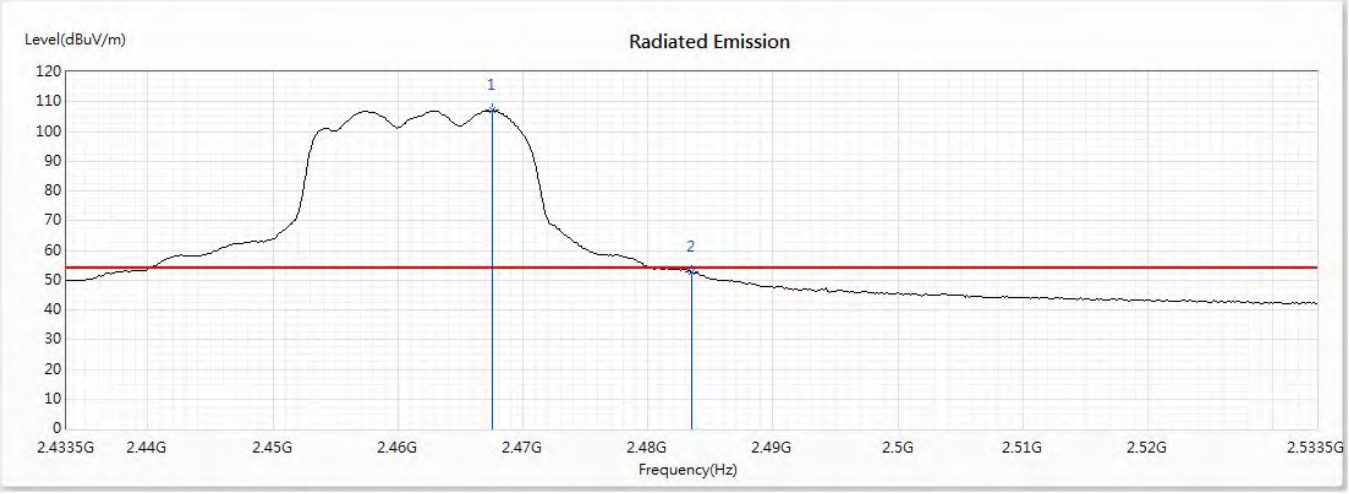
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2467.268	117.98	--	--	105.47	12.51	PK
2	2483.5	71.50	74.00	-2.50	58.92	12.58	PK
3	2484.08	71.60	74.00	-2.40	59.01	12.59	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462MHz)
Test Date	:	2020/06/23

Horizontal



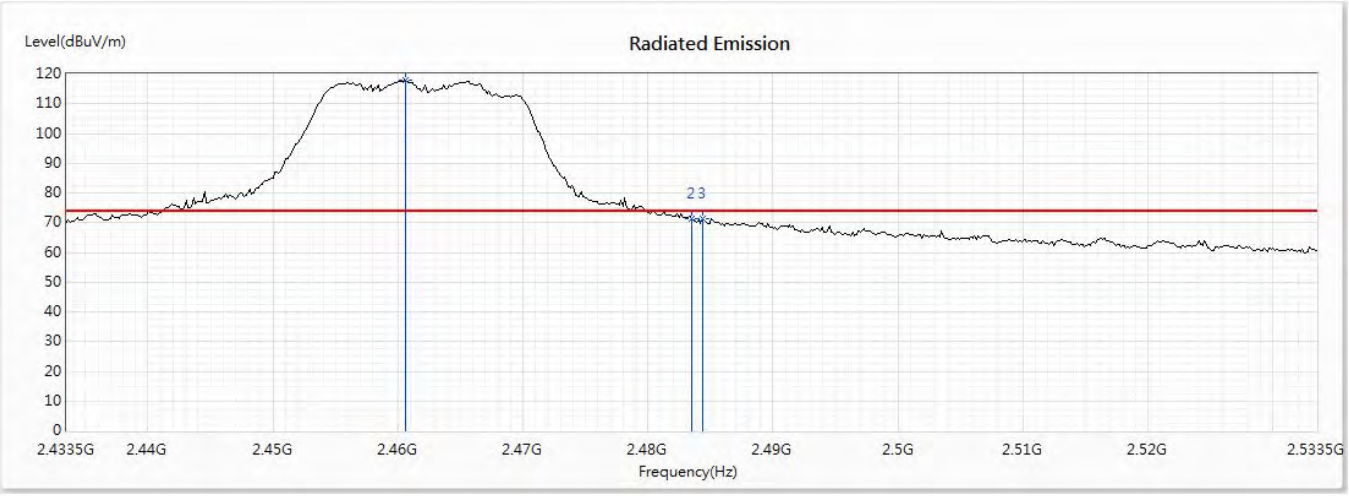
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2467.558	107.10	--	--	94.59	12.51	AV
2	2483.5	52.64	54.00	-1.36	40.06	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462MHz)
Test Date	:	2020/06/23

Vertical



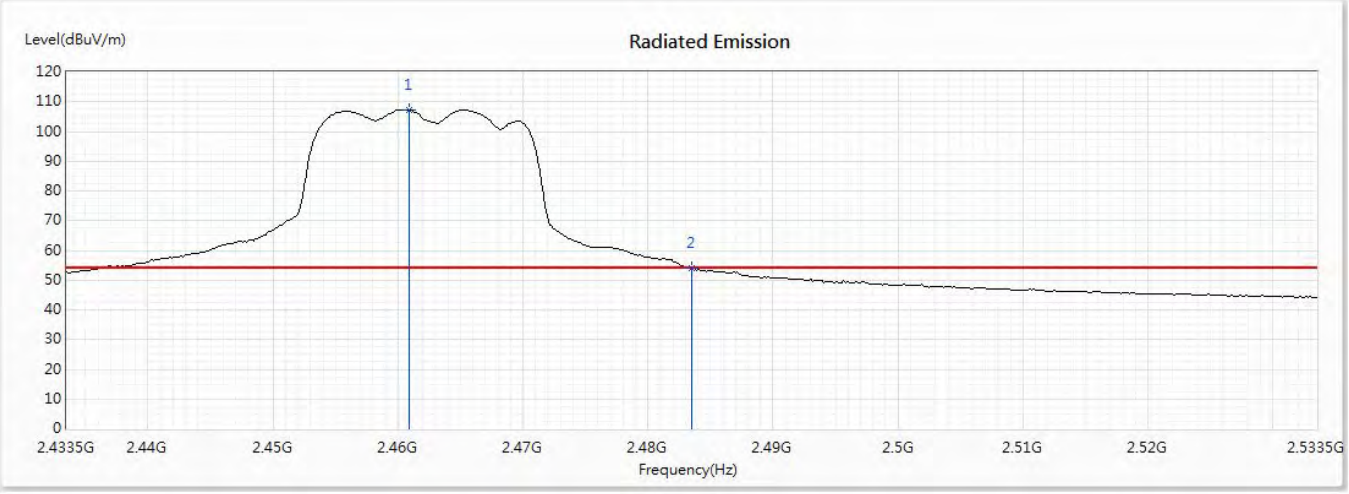
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2460.601	117.80	--	--	105.33	12.47	PK
2	2483.5	71.37	74.00	-2.63	58.79	12.58	PK
3	2484.37	71.40	74.00	-2.60	58.81	12.59	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11g-CDD) (2462MHz)
Test Date	:	2020/06/23

Vertical



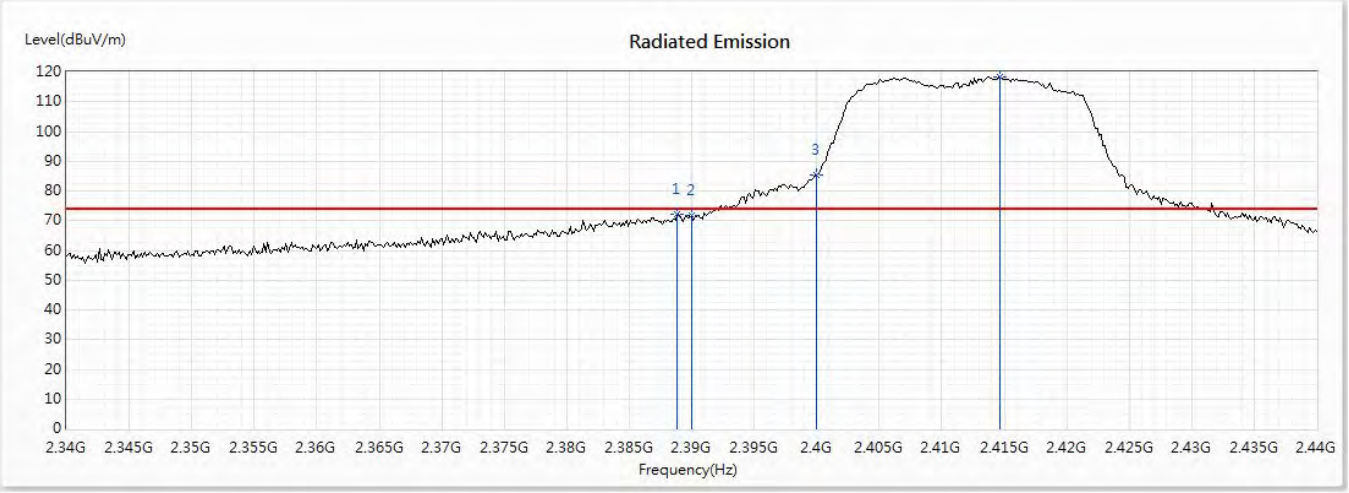
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2460.891	107.33	--	--	94.86	12.47	AV
2	2483.5	53.85	54.00	-0.15	41.27	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full)
Test Date	:	2020/06/23

Horizontal



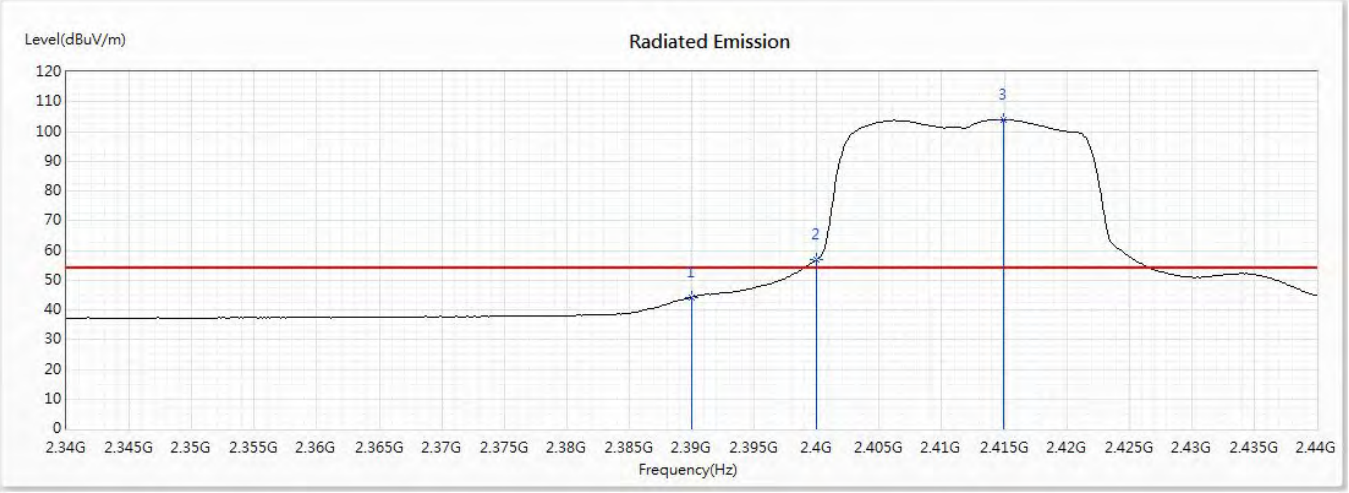
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2388.841	72.18	74.00	-1.82	59.93	12.25	PK
2	2390	71.93	74.00	-2.07	59.68	12.25	PK
3	2400	85.25	--	--	72.99	12.26	PK
4	2414.638	118.23	--	--	105.93	12.30	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full)
Test Date	:	2020/06/23

Horizontal



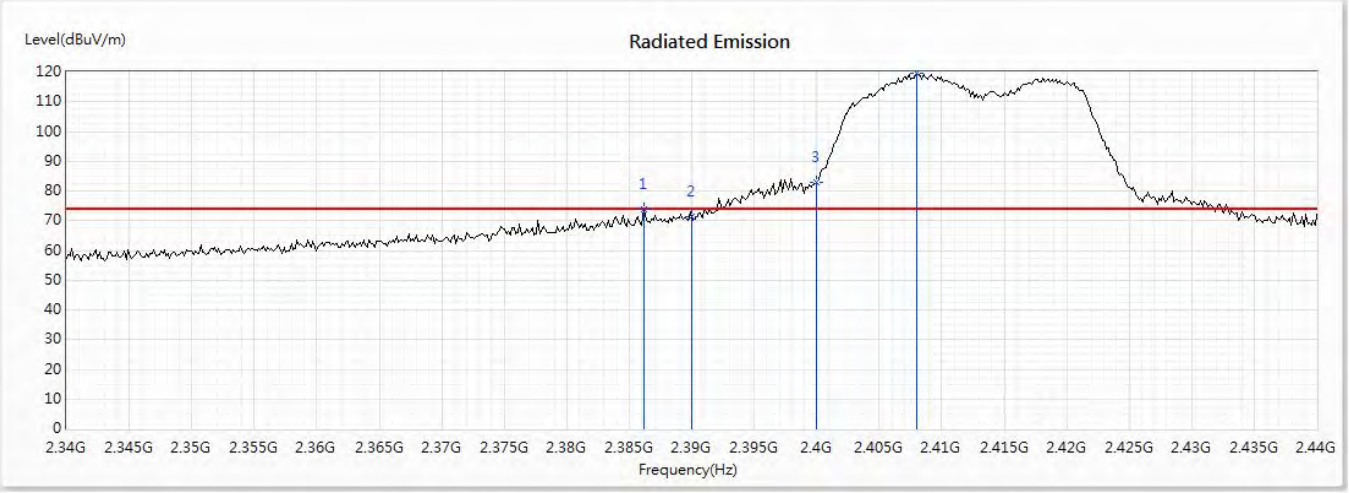
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	44.22	54.00	-9.78	31.97	12.25	AV
2	2400	57.07	--	--	44.81	12.26	AV
3	2414.928	103.94	--	--	91.64	12.30	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full)
Test Date	:	2020/06/23

Vertical



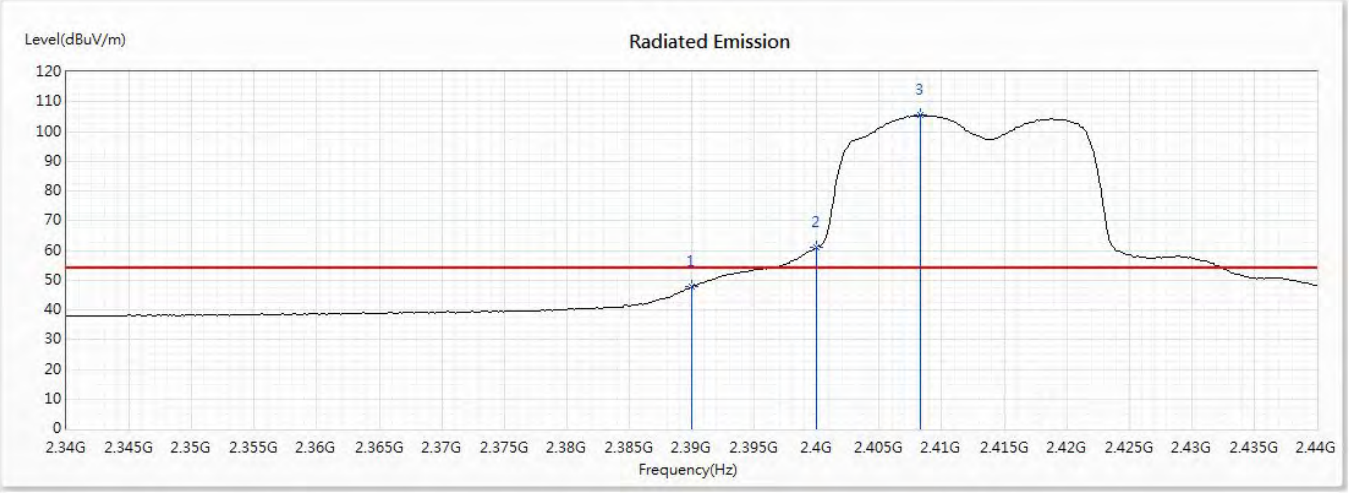
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2386.232	73.73	74.00	-0.27	61.49	12.24	PK
2	2390	71.23	74.00	-2.77	58.98	12.25	PK
3	2400	82.81	--	--	70.55	12.26	PK
4	2407.971	119.56	--	--	107.27	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-Full)
Test Date	:	2020/06/23

Vertical



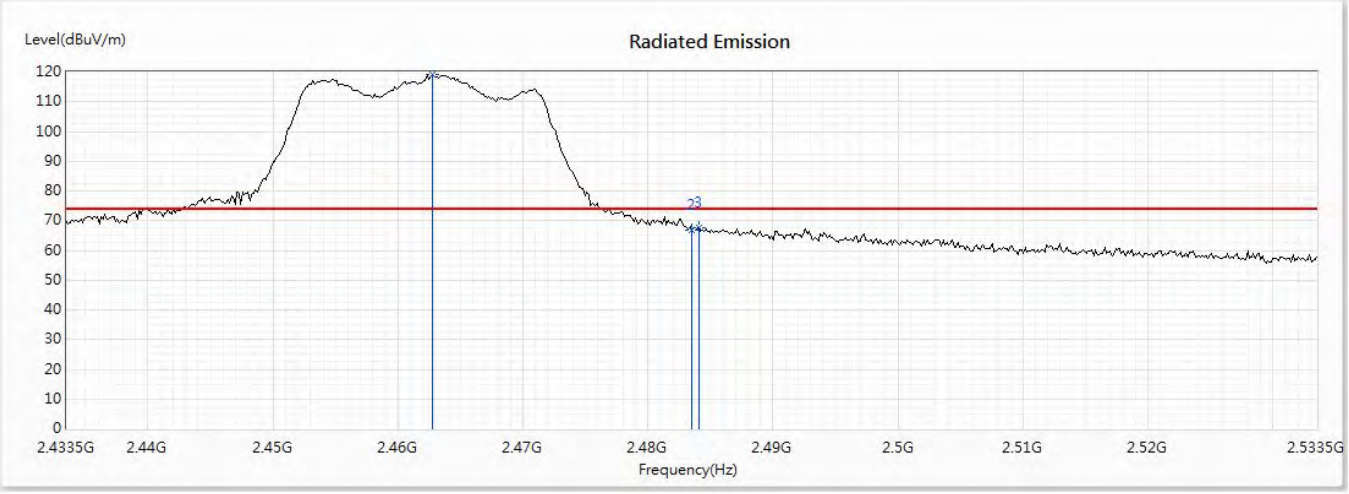
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	47.68	54.00	-6.32	35.43	12.25	AV
2	2400	60.94	--	--	48.68	12.26	AV
3	2408.261	105.38	--	--	93.09	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-Full)
Test Date	:	2020/06/23

Horizontal



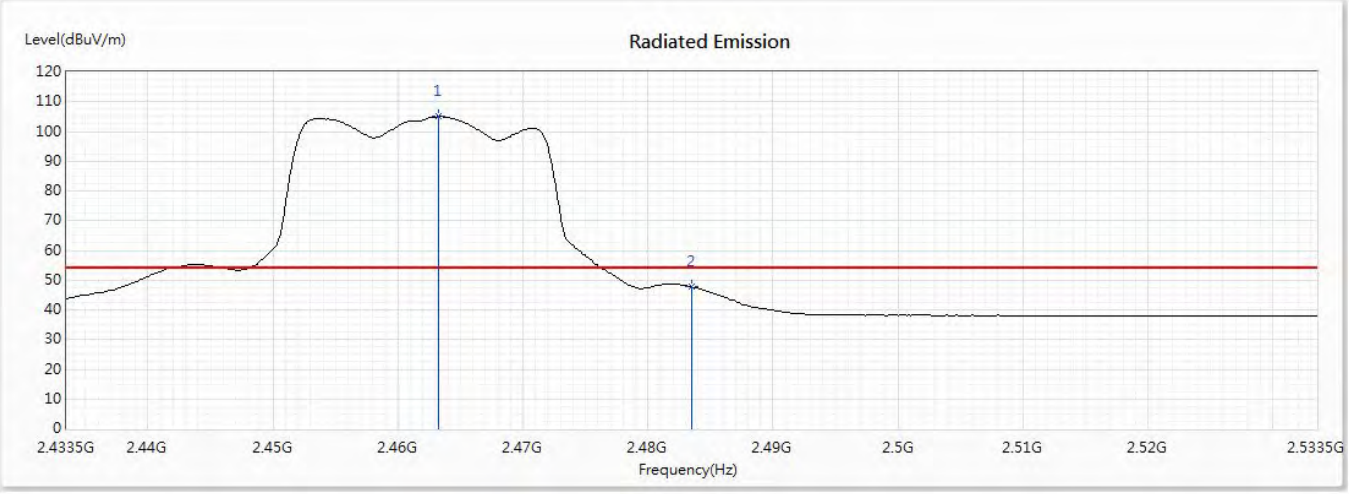
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2462.775	119.36	--	--	106.88	12.48	PK
2	2483.5	66.99	74.00	-7.01	54.41	12.58	PK
3	2484.08	67.63	74.00	-6.37	55.04	12.59	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-Full)
Test Date	:	2020/06/23

Horizontal



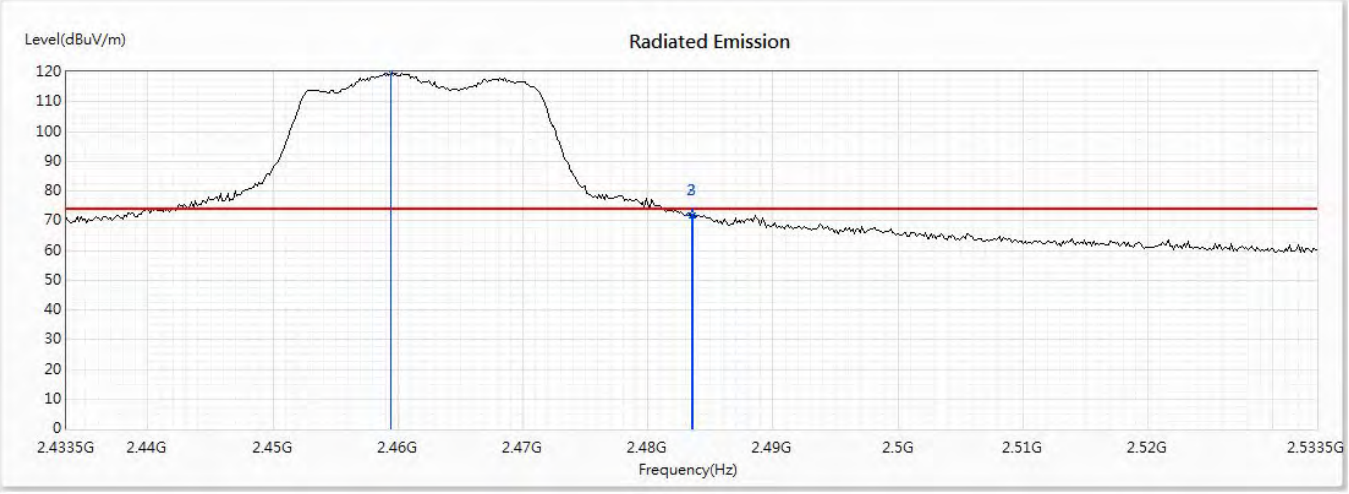
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2463.21	105.00	--	--	92.52	12.48	AV
2	2483.5	47.69	54.00	-6.31	35.11	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-Full)
Test Date	:	2020/06/23

Vertical



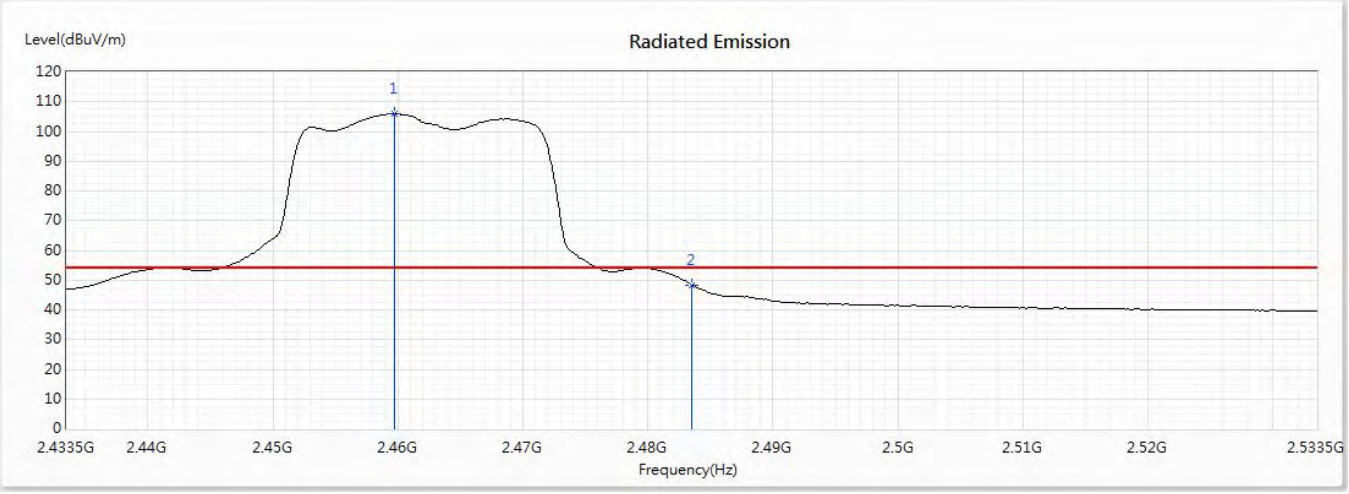
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2459.442	119.47	--	--	107.00	12.47	PK
2	2483.5	71.71	74.00	-2.29	59.13	12.58	PK
3	2483.645	71.75	74.00	-2.25	59.17	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-Full)
Test Date	:	2020/06/23

Vertical



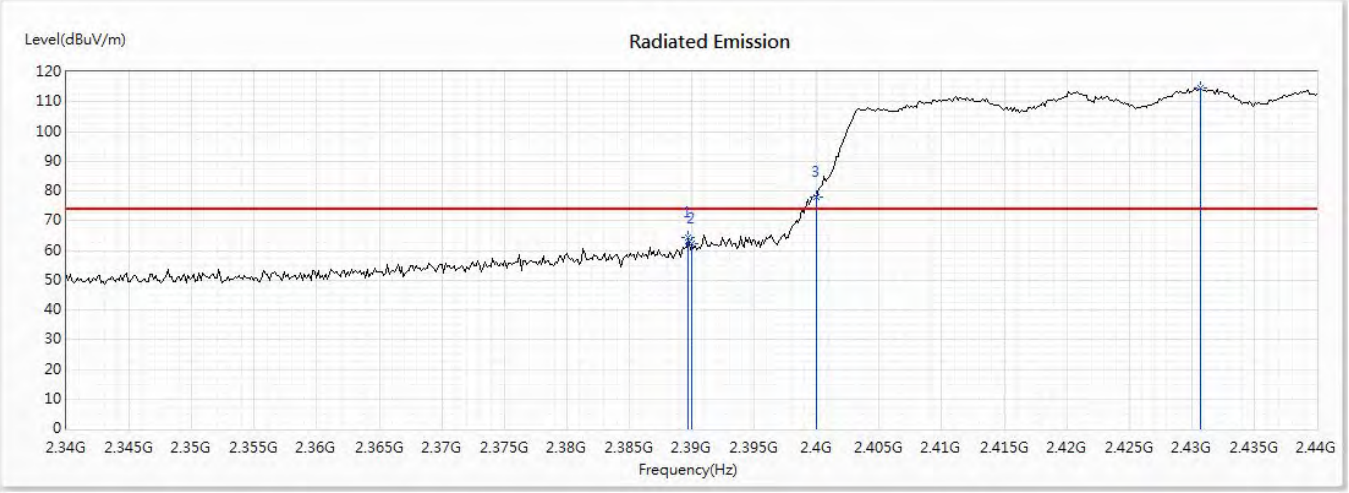
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2459.732	105.91	--	--	93.44	12.47	AV
2	2483.5	48.36	54.00	-5.64	35.78	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full)
Test Date : 2020/06/23

Horizontal



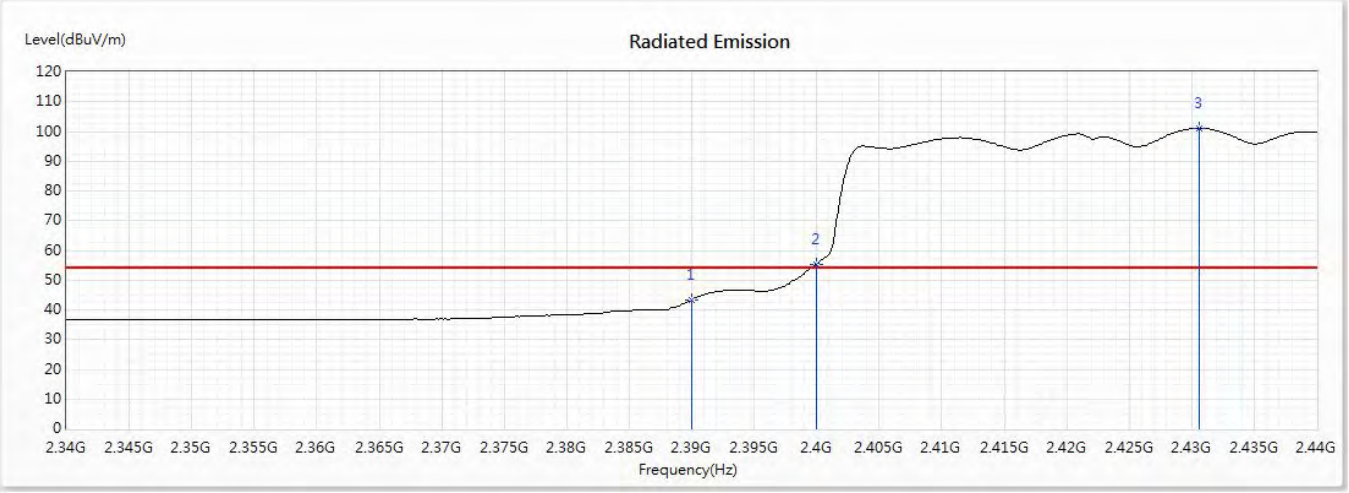
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.71	64.37	74.00	-9.63	52.12	12.25	PK
2	2390	62.37	74.00	-11.63	50.12	12.25	PK
3	2400	77.89	--	--	65.63	12.26	PK
4	2430.725	114.52	--	--	102.17	12.35	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full)
Test Date : 2020/06/23

Horizontal



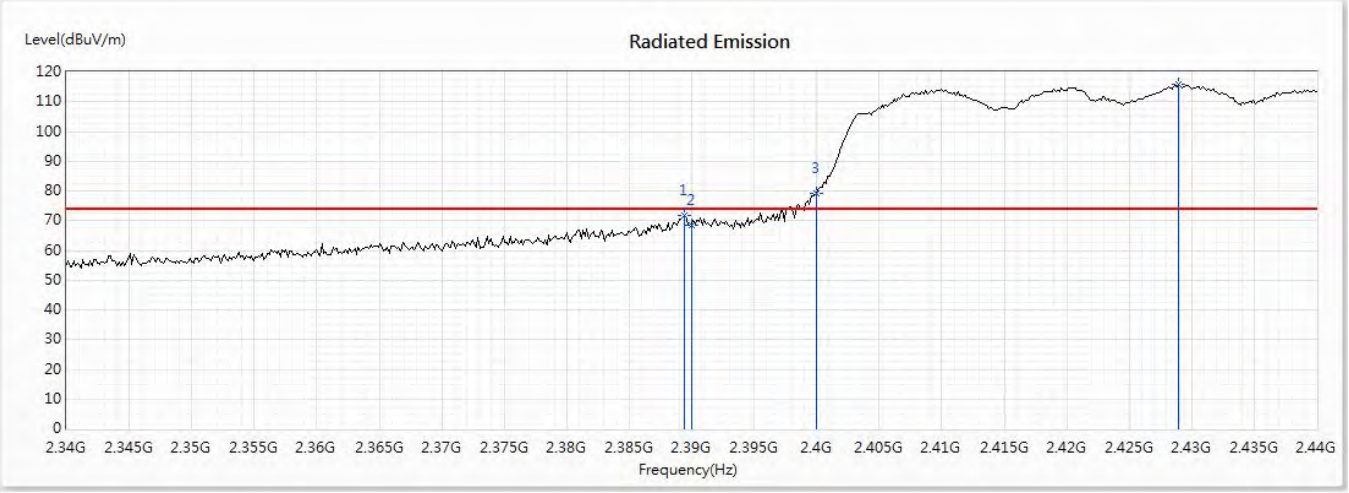
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	43.35	54.00	-10.65	31.10	12.25	AV
2	2400	55.43	--	--	43.17	12.26	AV
3	2430.58	101.06	--	--	88.71	12.35	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full)
Test Date : 2020/06/23

Vertical



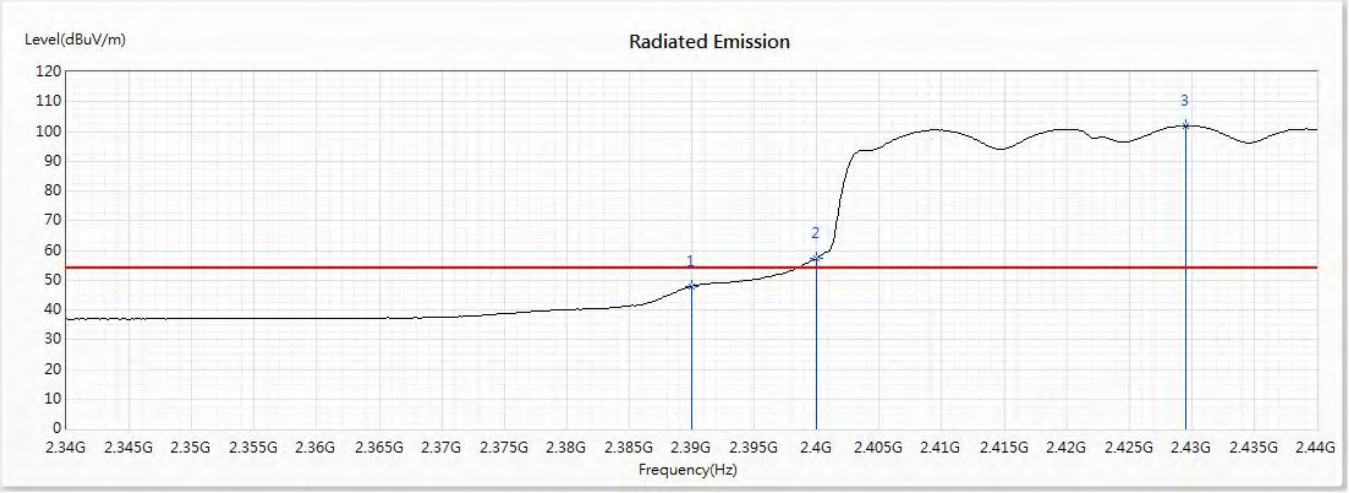
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.42	71.83	74.00	-2.17	59.58	12.25	PK
2	2390	68.49	74.00	-5.51	56.24	12.25	PK
3	2400	79.15	--	--	66.89	12.26	PK
4	2428.986	115.70	--	--	103.35	12.35	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-Full)
Test Date : 2020/06/23

Vertical



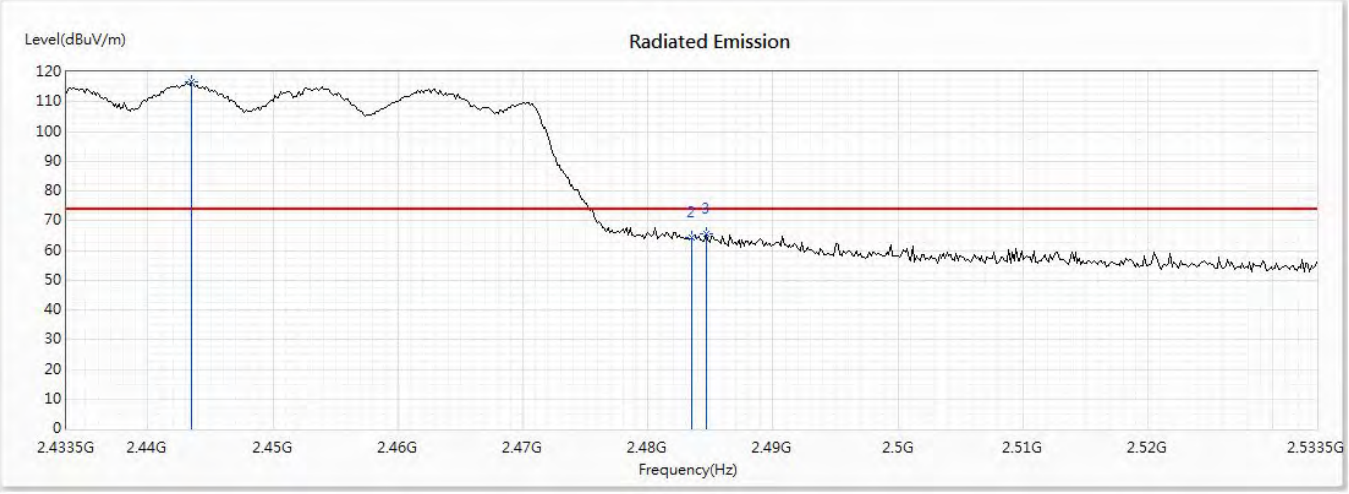
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	47.87	54.00	-6.13	35.62	12.25	AV
2	2400	57.52	--	--	45.26	12.26	AV
3	2429.565	101.99	--	--	89.64	12.35	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-Full)
Test Date	:	2020/06/24

Horizontal



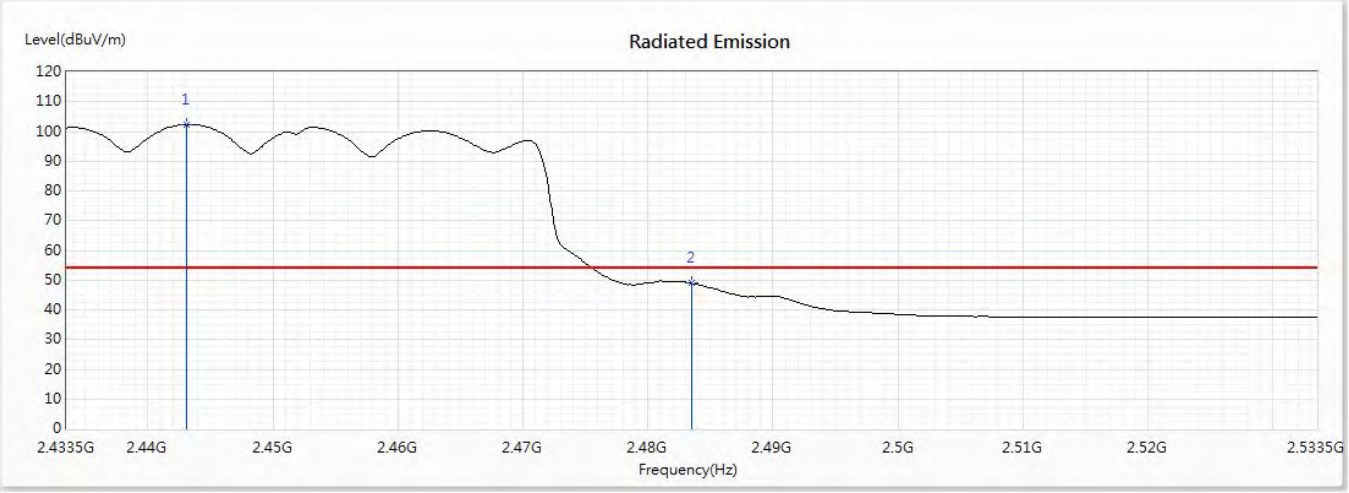
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2443.5	116.76	--	--	104.37	12.39	PK
2	2483.5	64.25	74.00	-9.75	51.67	12.58	PK
3	2484.659	65.49	74.00	-8.51	52.90	12.59	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-Full)
Test Date : 2020/06/24

Horizontal



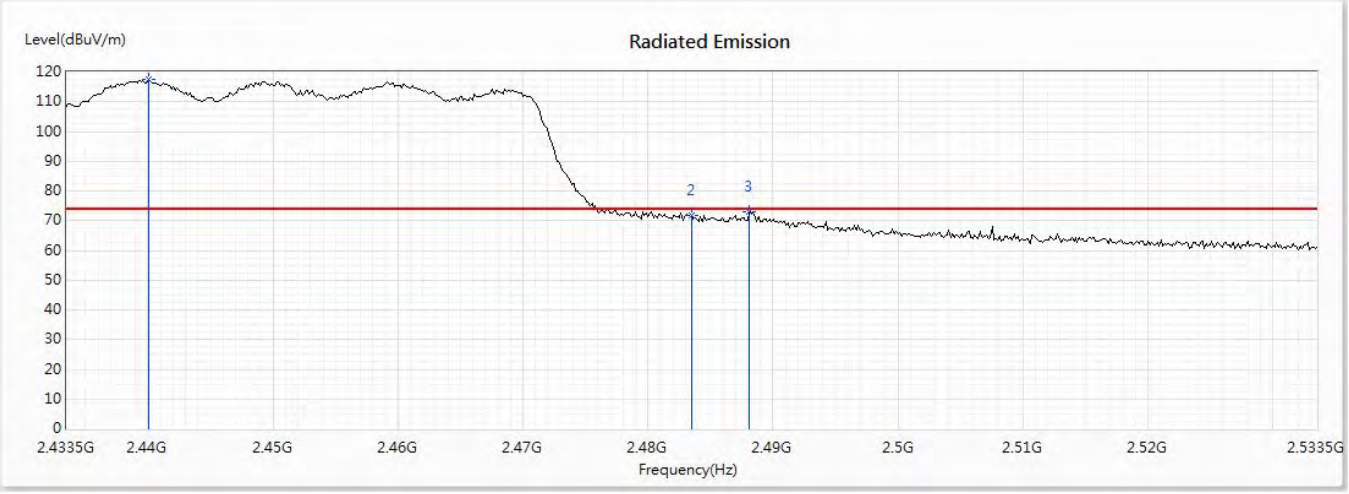
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2443.065	102.40	--	--	90.01	12.39	AV
2	2483.5	48.88	54.00	-5.12	36.30	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-Full)
Test Date : 2020/06/24

Vertical



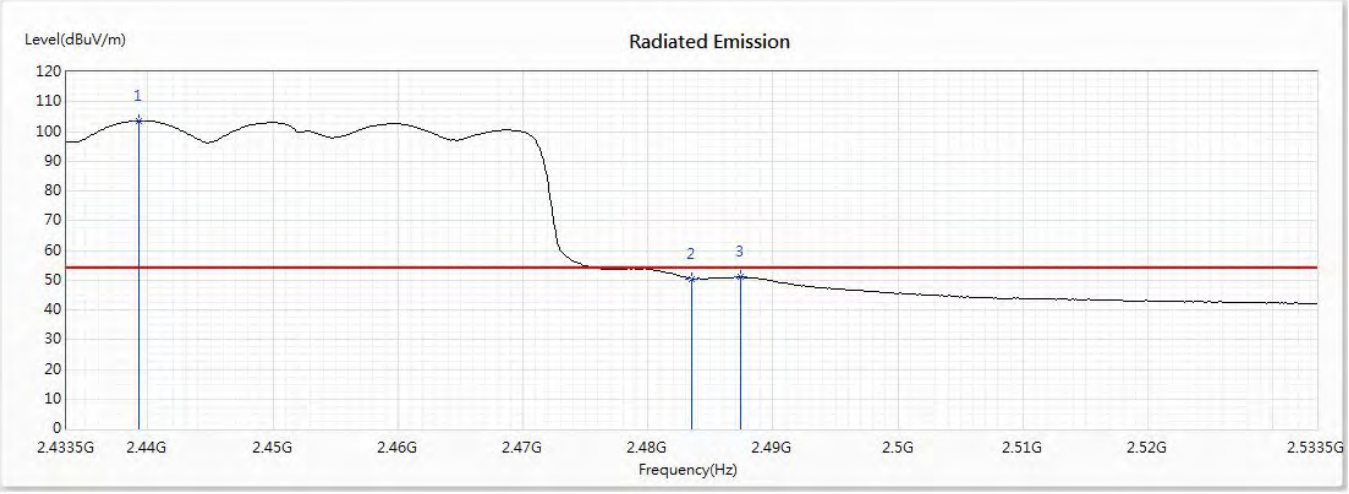
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2440.022	117.34	--	--	104.96	12.38	PK
2	2483.5	71.72	74.00	-2.28	59.14	12.58	PK
3	2488.138	73.04	74.00	-0.96	60.43	12.61	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-Full)
Test Date : 2020/06/24

Vertical

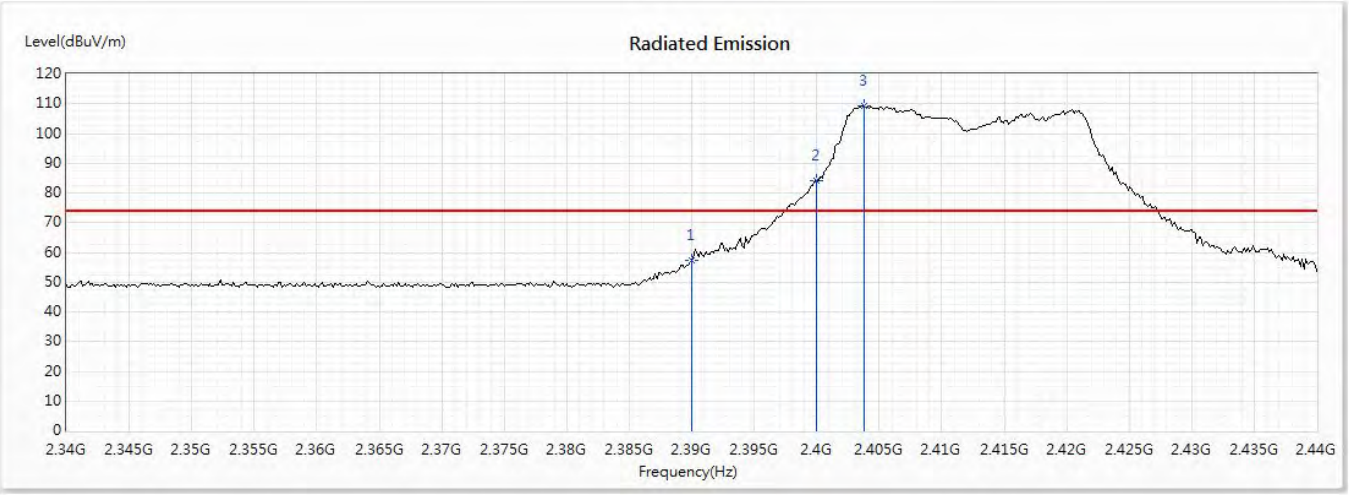


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2439.297	103.64	--	--	91.26	12.38	AV
2	2483.5	50.48	54.00	-3.52	37.90	12.58	AV
3	2487.413	51.07	54.00	-2.93	38.46	12.61	AV

Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



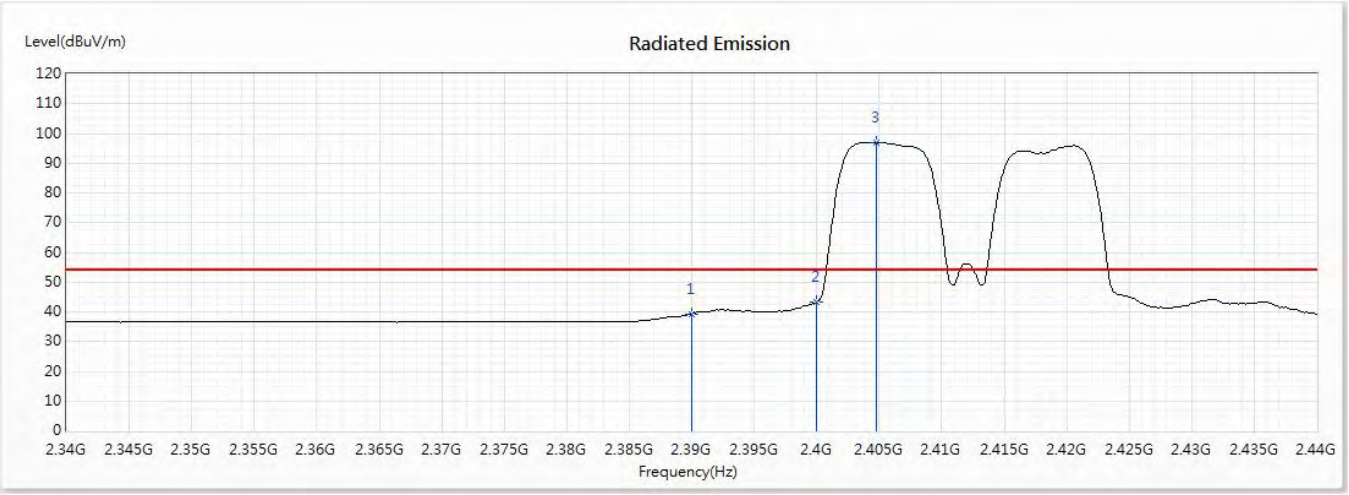
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	57.52	74.00	-16.48	45.27	12.25	PK
2	2400	84.08	--	--	71.82	12.26	PK
3	2403.768	109.43	--	--	97.16	12.27	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



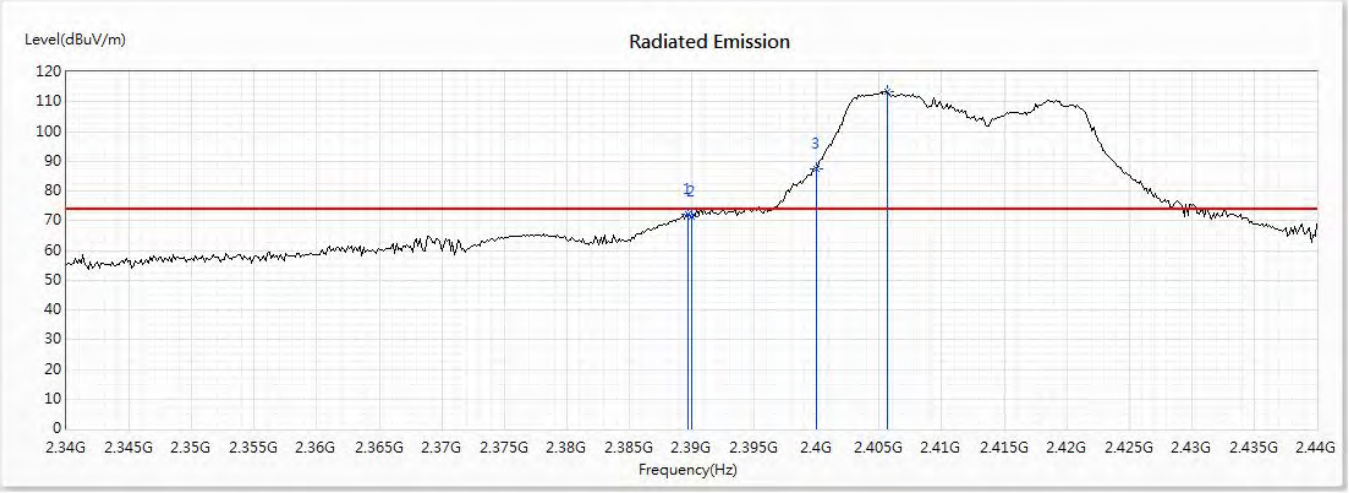
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	39.31	54.00	-14.69	27.06	12.25	AV
2	2400	43.26	--	--	31.00	12.26	AV
3	2404.783	97.05	--	--	84.78	12.27	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Vertical



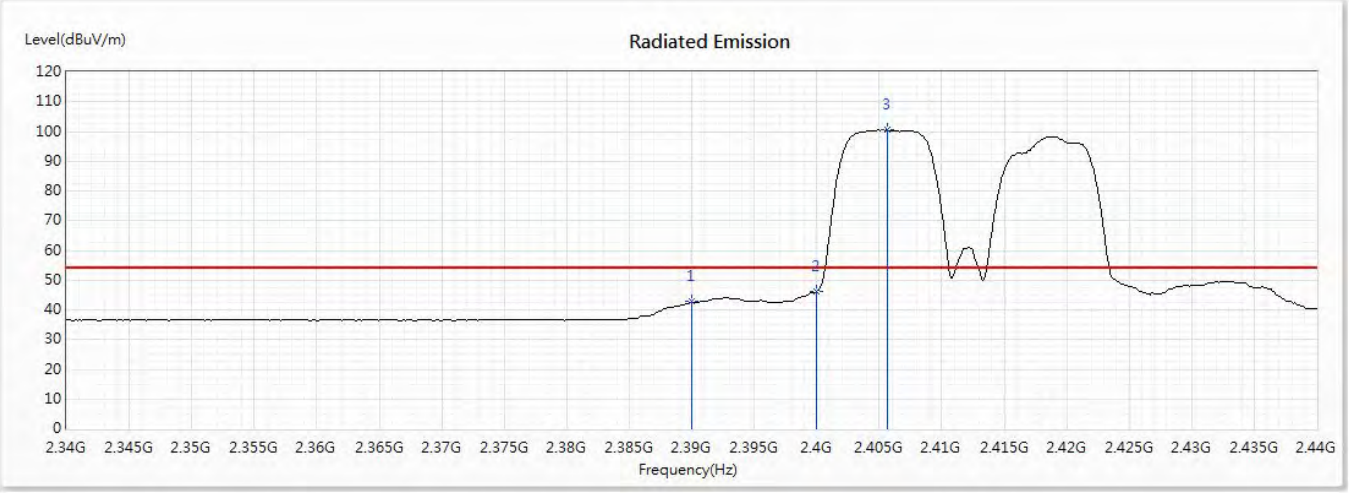
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2389.71	72.26	74.00	-1.74	60.01	12.25	PK
2	2390	71.45	74.00	-2.55	59.20	12.25	PK
3	2400	87.47	--	--	75.21	12.26	PK
4	2405.652	113.33	--	--	101.05	12.28	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2412MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Vertical



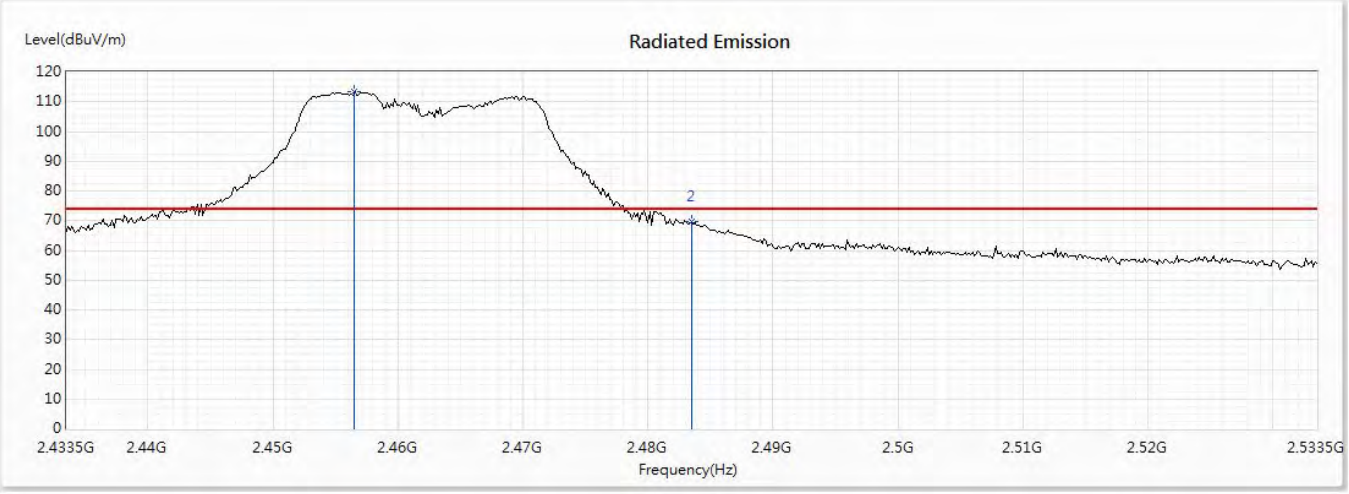
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	42.75	54.00	-11.25	30.50	12.25	AV
2	2400	46.29	--	--	34.03	12.26	AV
3	2405.652	100.45	--	--	88.17	12.28	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-edges mode)
Test Date : 2020/07/02

Horizontal



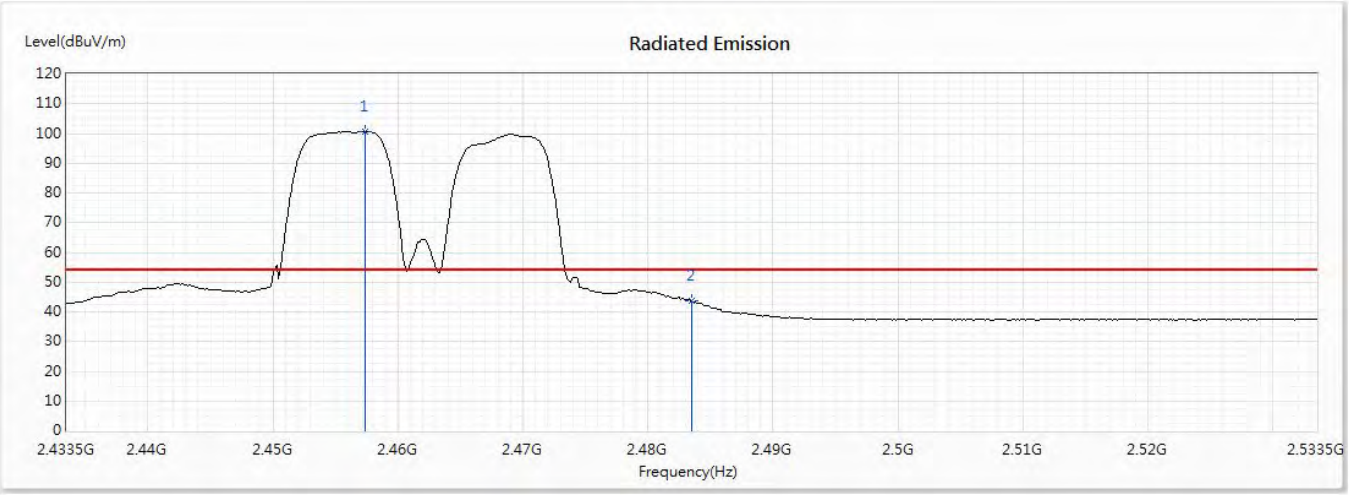
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2456.543	113.43	--	--	100.98	12.45	PK
2	2483.5	69.77	74.00	-4.23	57.19	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



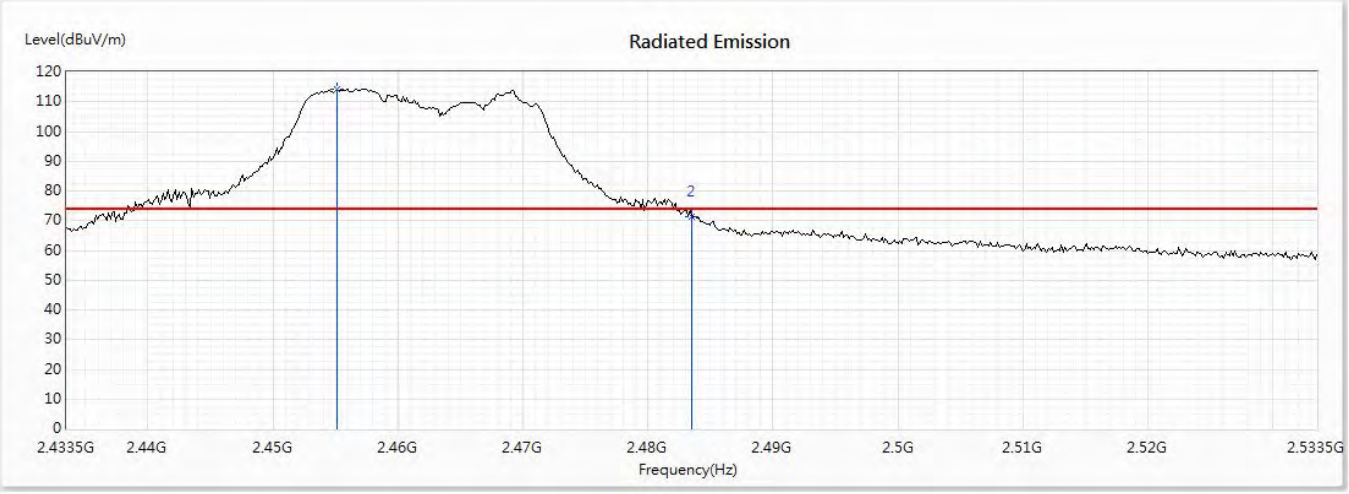
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2457.413	100.68	--	--	88.23	12.45	AV
2	2483.5	43.80	54.00	-10.20	31.22	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-edges mode)
Test Date : 2020/07/02

Vertical



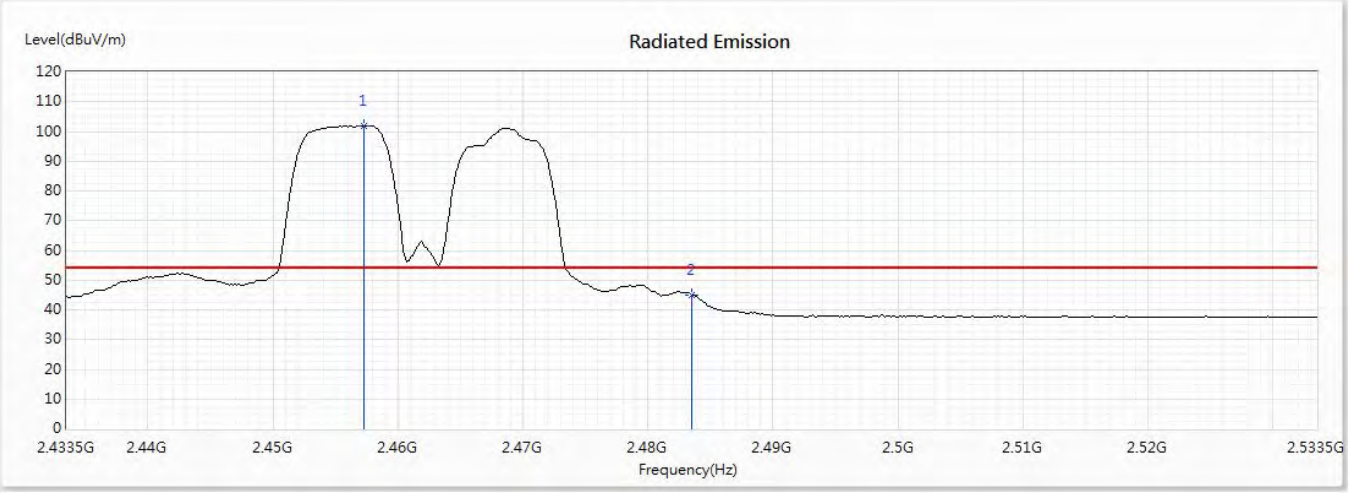
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2455.094	114.26	--	--	101.82	12.44	PK
2	2483.5	71.40	74.00	-2.60	58.82	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (2462MHz) (RU Config-edges mode)
Test Date : 2020/07/02

Vertical



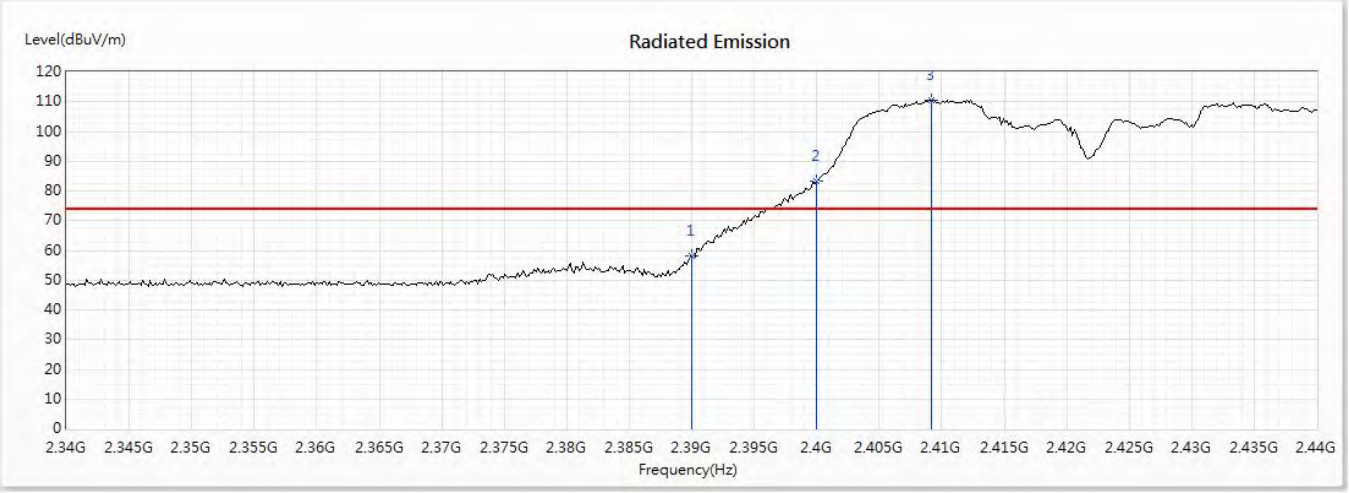
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2457.268	102.02	--	--	89.57	12.45	AV
2	2483.5	45.09	54.00	-8.91	32.51	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



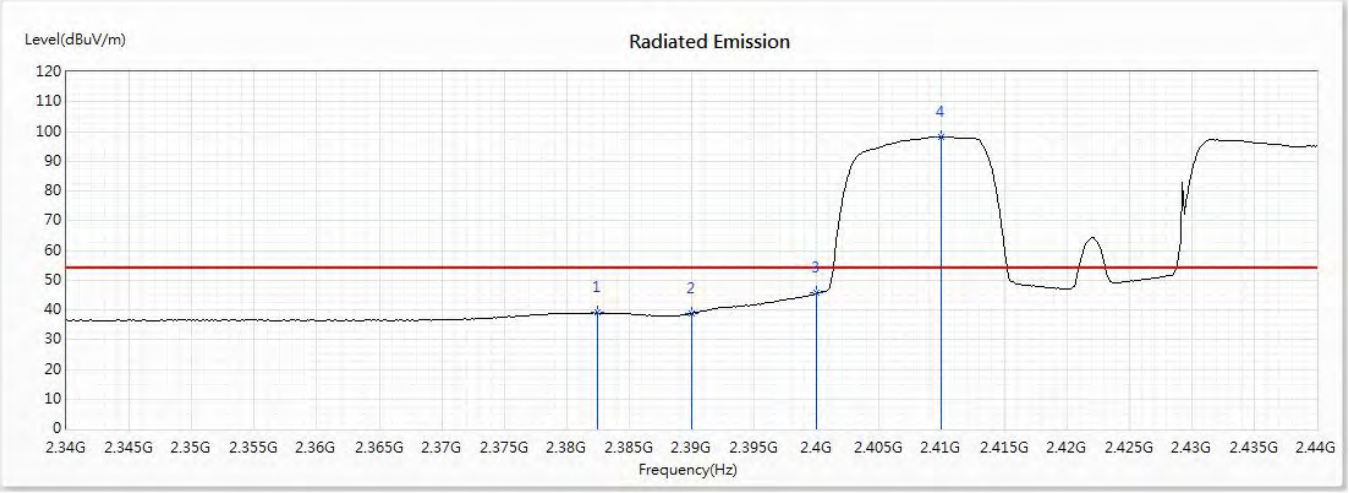
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	58.30	74.00	-15.70	46.05	12.25	PK
2	2400	83.18	--	--	70.92	12.26	PK
3	2409.13	110.56	--	--	98.27	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



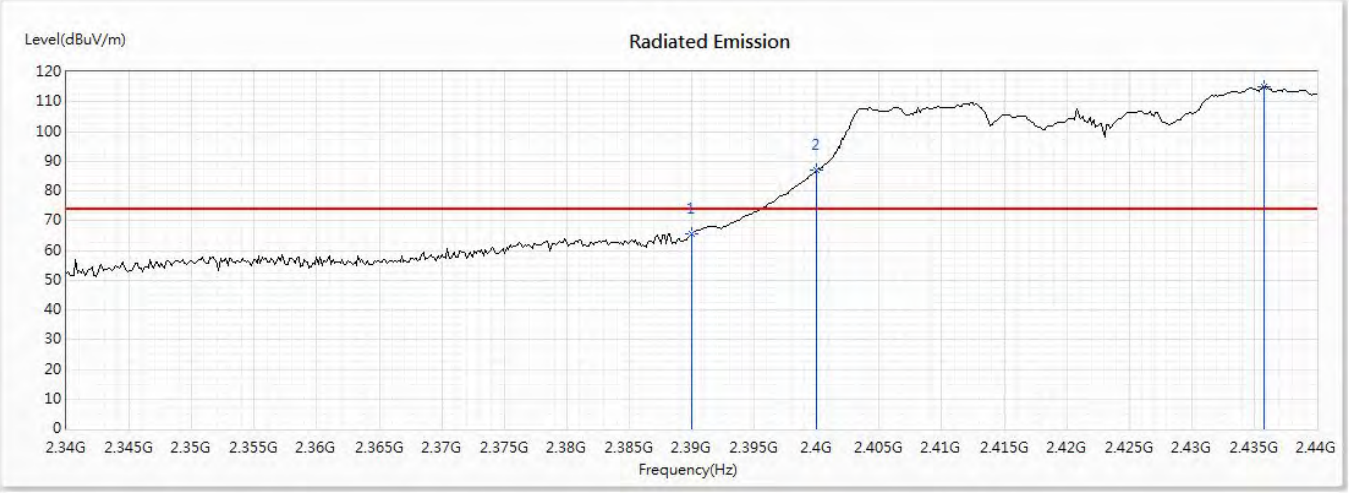
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2382.464	39.01	54.00	-14.99	26.78	12.23	AV
2	2390	38.74	54.00	-15.26	26.49	12.25	AV
3	2400	45.59	--	--	33.33	12.26	AV
4	2410	98.31	--	--	86.02	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Vertical



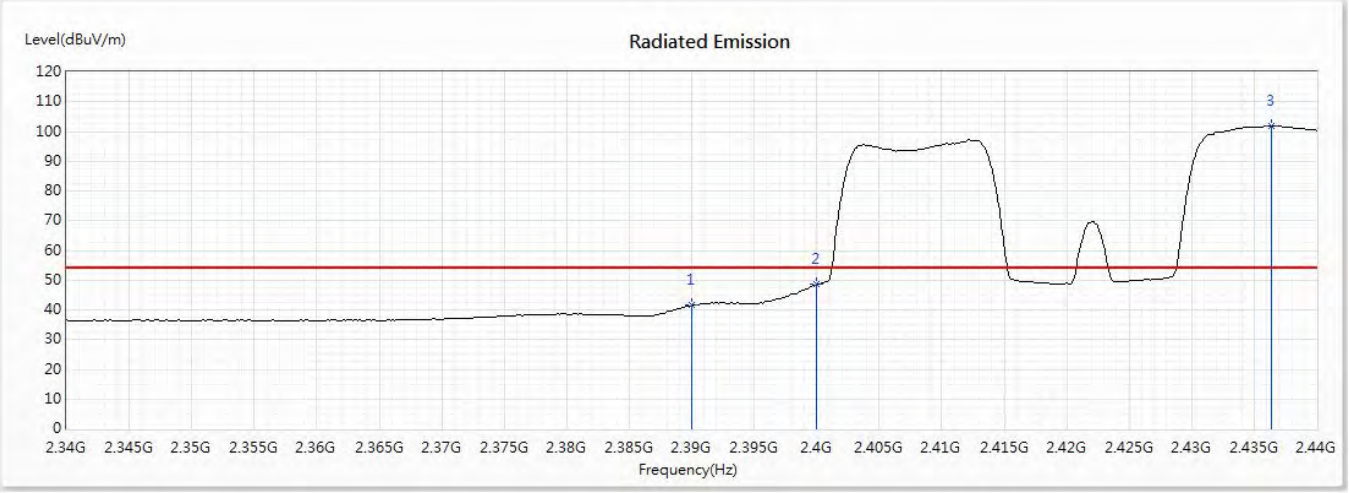
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	65.66	74.00	-8.34	53.41	12.25	PK
2	2400	86.83	--	--	74.57	12.26	PK
3	2435.797	115.03	--	--	102.66	12.37	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2422MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Vertical



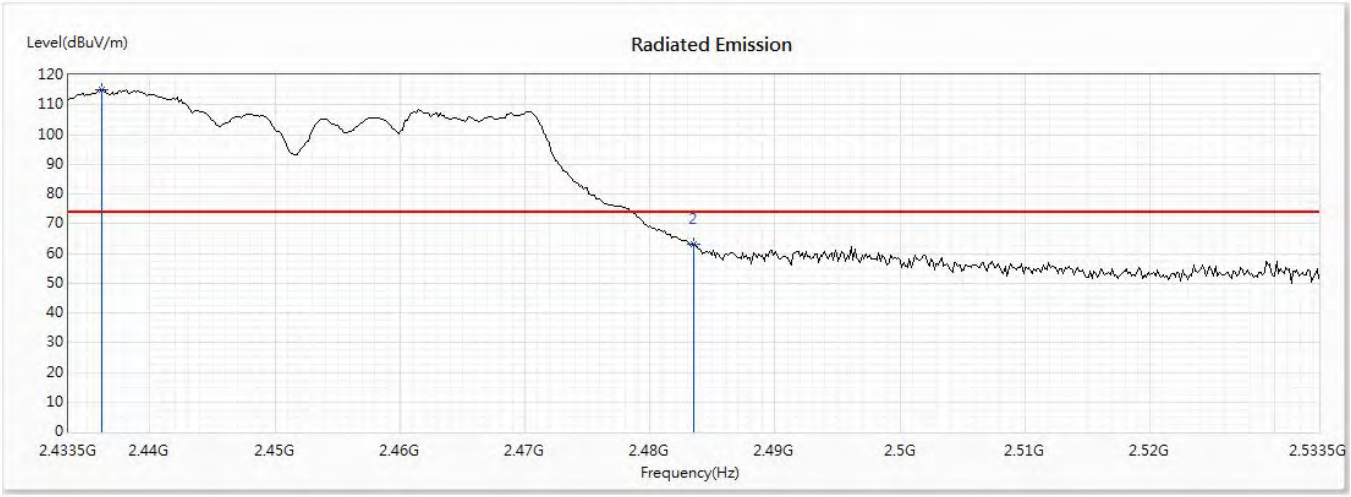
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	41.53	54.00	-12.47	29.28	12.25	AV
2	2400	48.58	--	--	36.32	12.26	AV
3	2436.377	101.79	--	--	89.42	12.37	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-edges mode)
Test Date	:	2020/07/03

Horizontal



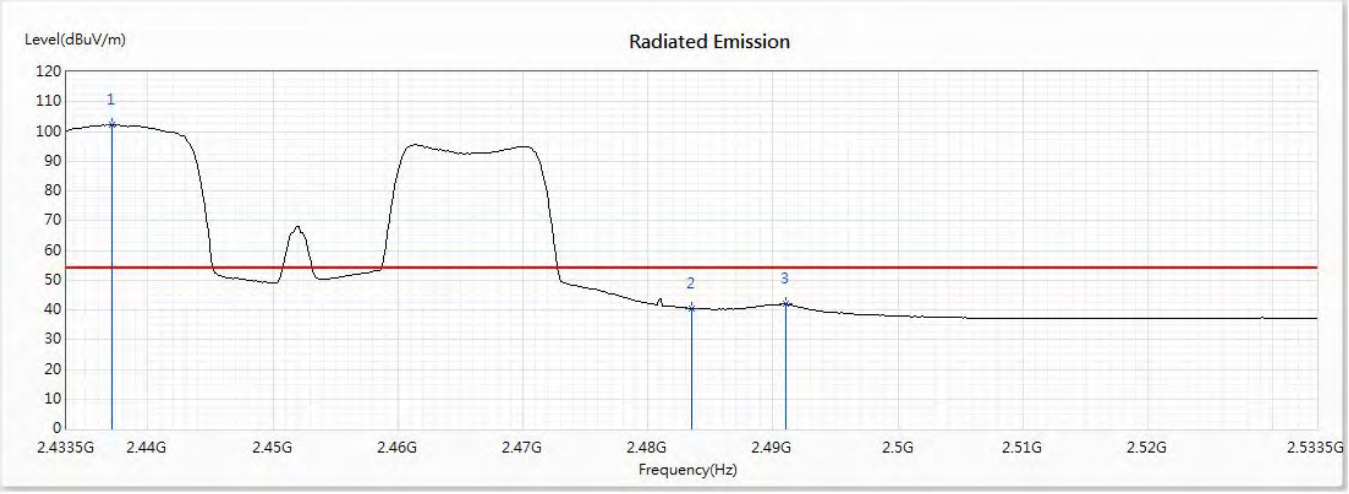
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2436.109	115.07	--	--	102.70	12.37	PK
2	2483.5	62.89	74.00	-11.11	50.31	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-edges mode)
Test Date	:	2020/07/02

Horizontal



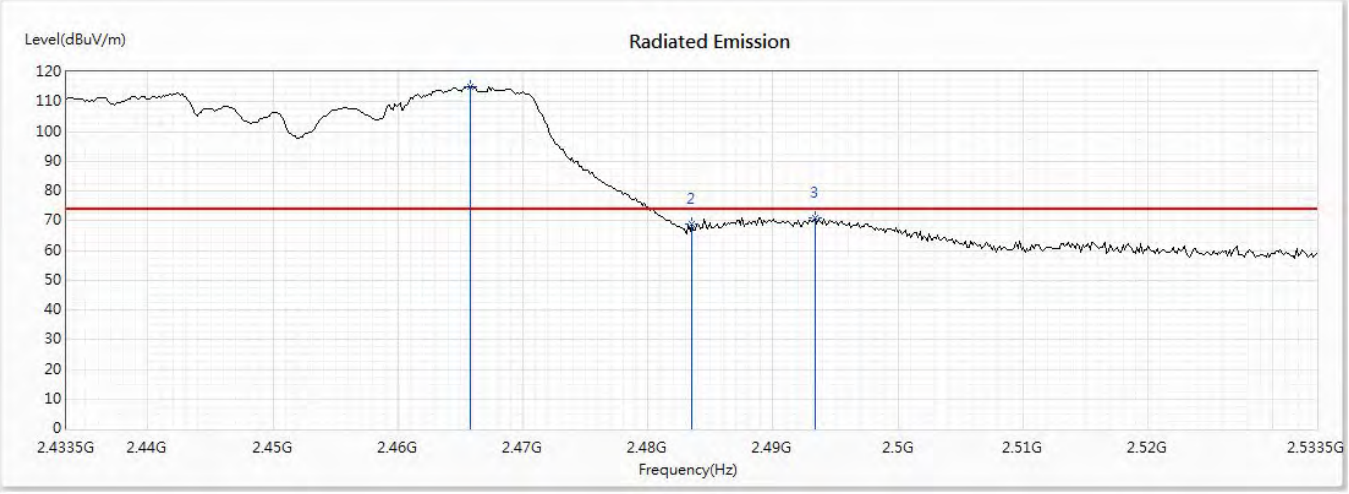
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2437.123	102.29	--	--	89.92	12.37	AV
2	2483.5	40.56	54.00	-13.44	27.98	12.58	AV
3	2491.036	42.01	54.00	-11.99	29.39	12.62	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-edges mode)
Test Date	:	2020/07/03

Vertical



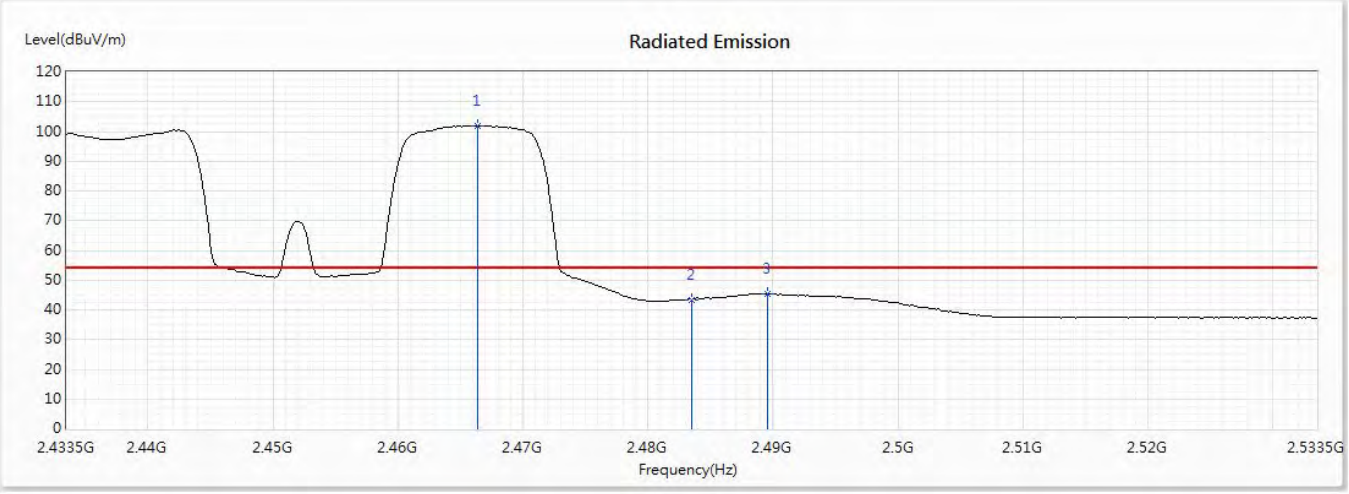
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2465.819	115.10	--	--	102.60	12.50	PK
2	2483.5	68.91	74.00	-5.09	56.33	12.58	PK
3	2493.355	70.91	74.00	-3.09	58.28	12.63	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 8: Transmit (802.11ax-40M-BW-CDD) (2452MHz) (RU Config-edges mode)
Test Date	:	2020/07/03

Vertical



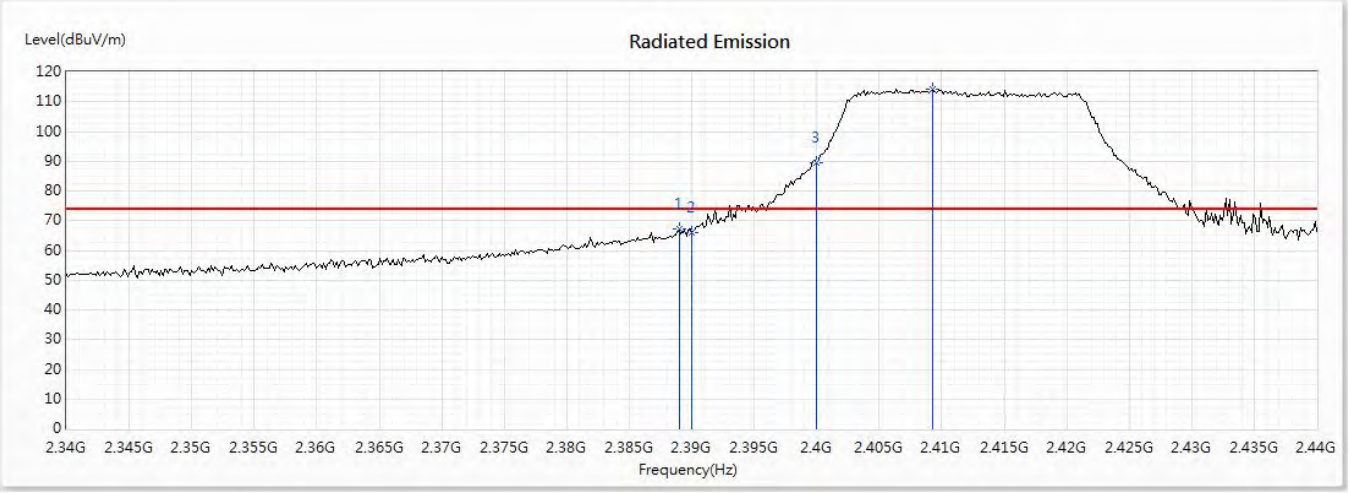
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2466.399	102.05	--	--	89.54	12.51	AV
2	2483.5	43.44	54.00	-10.56	30.86	12.58	AV
3	2489.587	45.56	54.00	-8.44	32.94	12.62	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2412MHz)
Test Date	:	2020/07/01

Horizontal



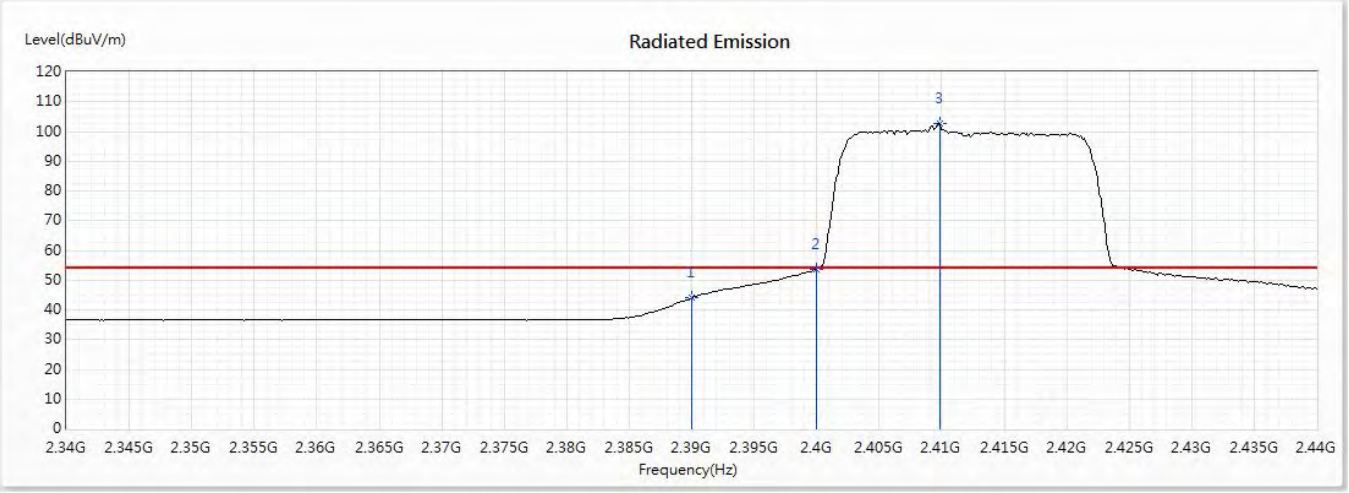
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2388.986	67.28	74.00	-6.72	55.03	12.25	PK
2	2390	65.88	74.00	-8.12	53.63	12.25	PK
3	2400	89.30	--	--	77.04	12.26	PK
4	2409.275	114.20	--	--	101.91	12.29	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2412MHz)
Test Date	:	2020/07/01

Horizontal



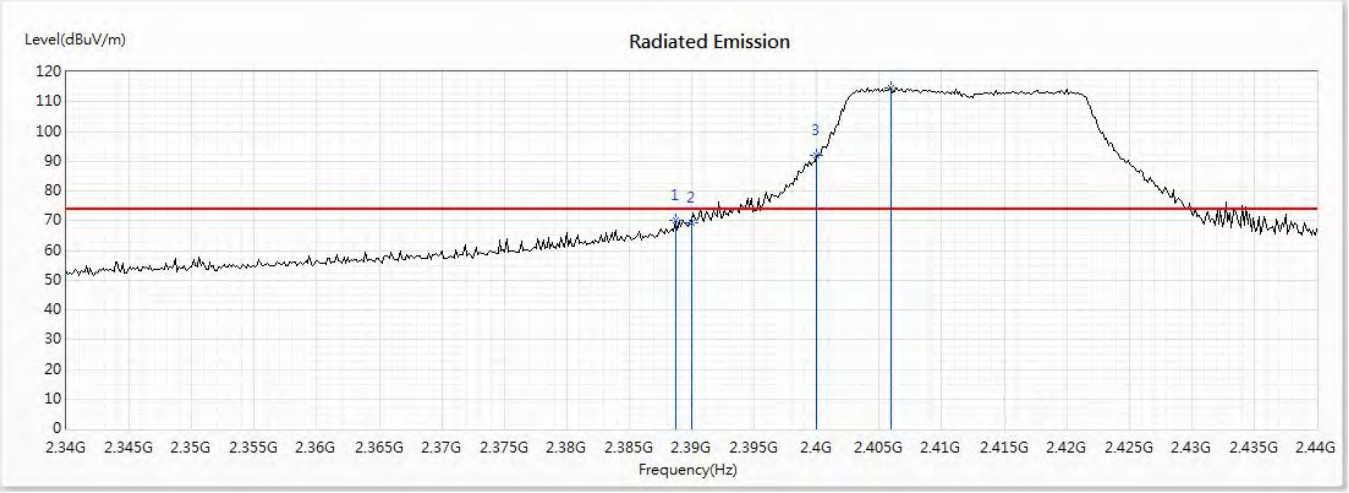
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	44.05	54.00	-9.95	31.80	12.25	AV
2	2400	53.80	--	--	41.54	12.26	AV
3	2409.855	102.51	--	--	90.22	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2412MHz)
Test Date	:	2020/07/01

Vertical



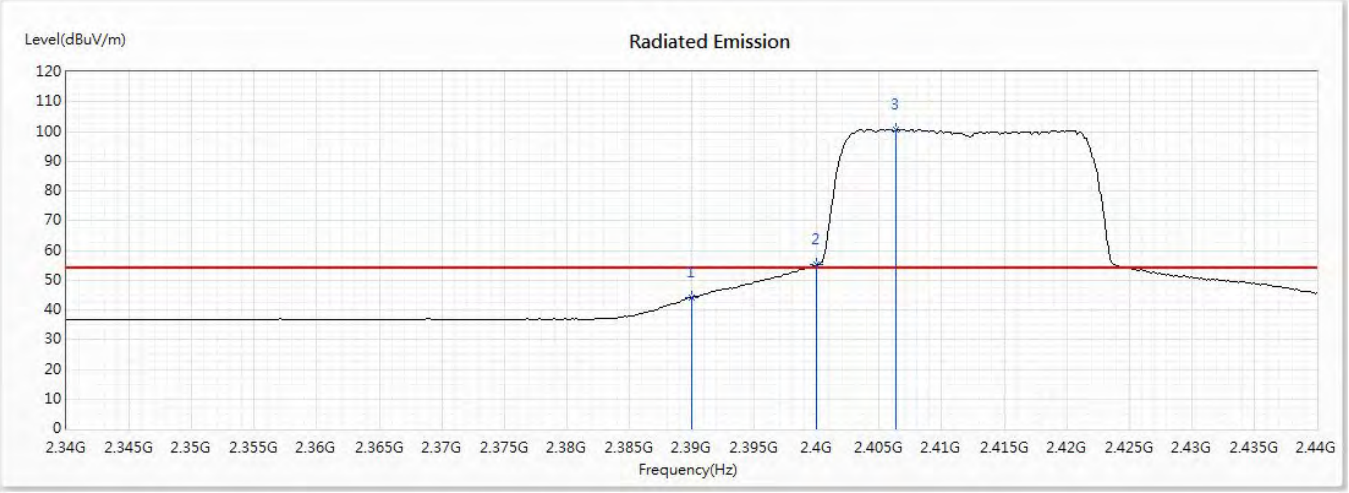
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2388.696	70.20	74.00	-3.80	57.95	12.25	PK
2	2390	69.22	74.00	-4.78	56.97	12.25	PK
3	2400	91.80	--	--	79.54	12.26	PK
4	2405.942	114.61	--	--	102.33	12.28	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2412MHz)
Test Date : 2020/07/01

Vertical

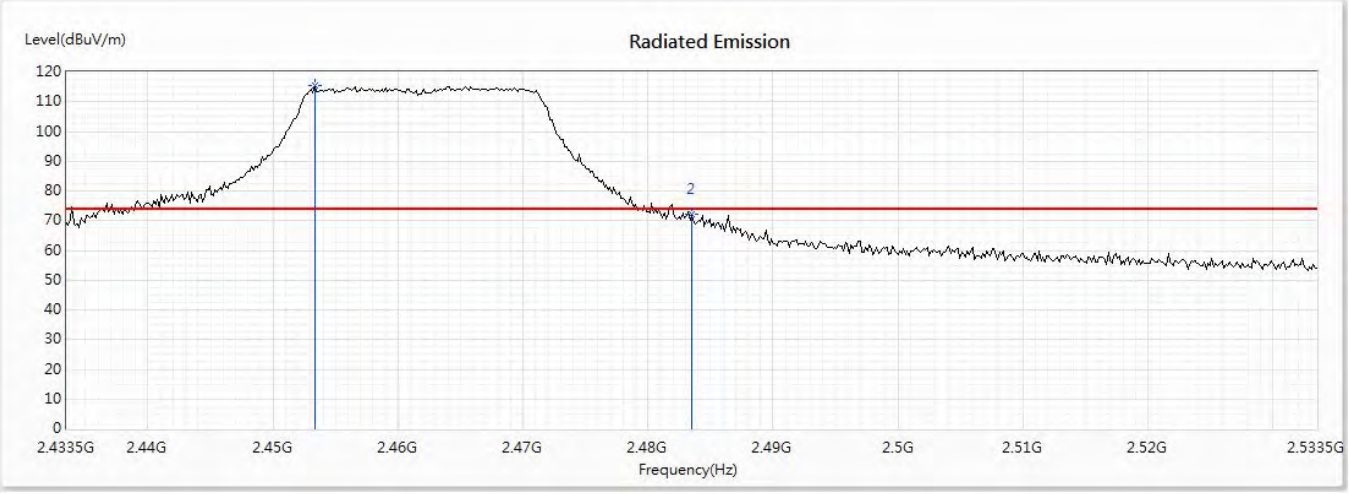


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	44.06	54.00	-9.94	31.81	12.25	AV
2	2400	55.12	--	--	42.86	12.26	AV
3	2406.377	100.74	--	--	88.46	12.28	AV

Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462MHz)
Test Date	:	2020/07/01

Horizontal



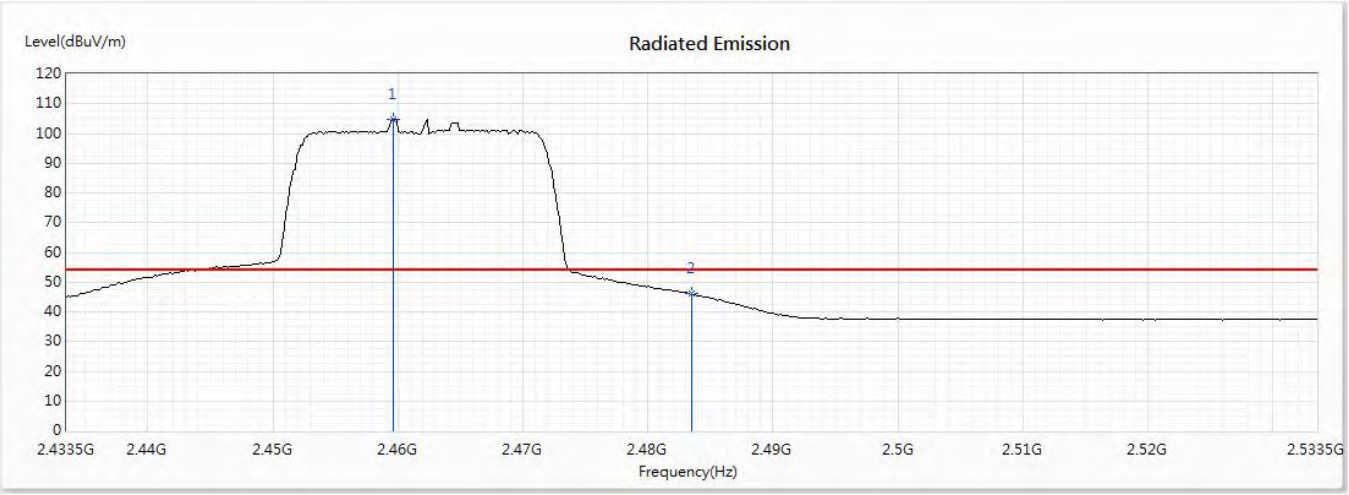
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2453.355	115.37	--	--	102.94	12.43	PK
2	2483.5	72.30	74.00	-1.70	59.72	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462MHz)
Test Date	:	2020/07/01

Horizontal



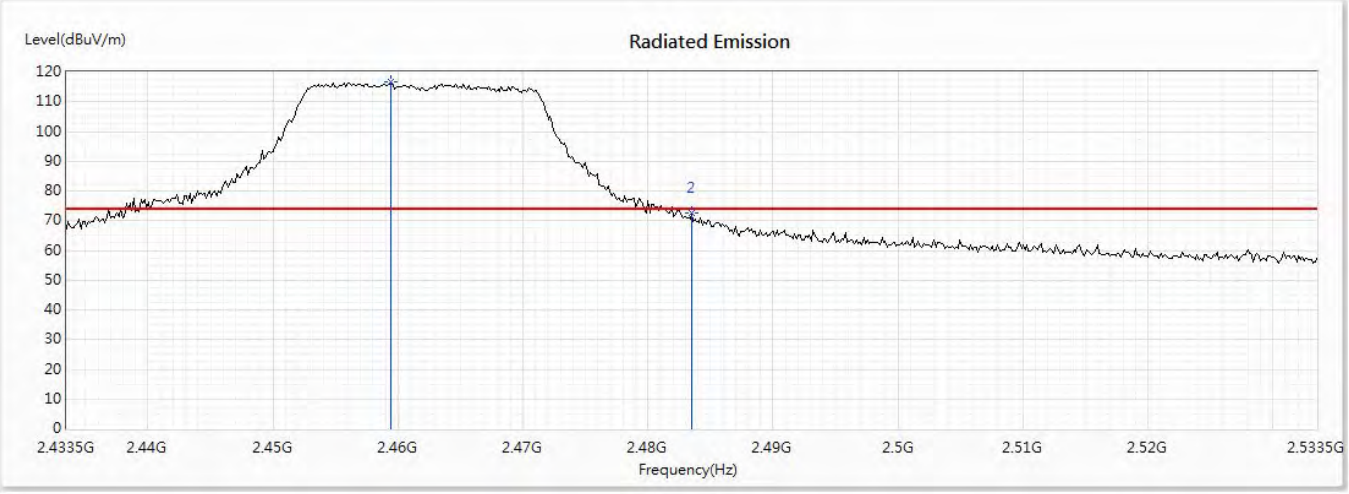
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2459.587	104.87	--	--	92.40	12.47	AV
2	2483.5	46.04	54.00	-7.96	33.46	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462MHz)
Test Date	:	2020/07/01

Vertical



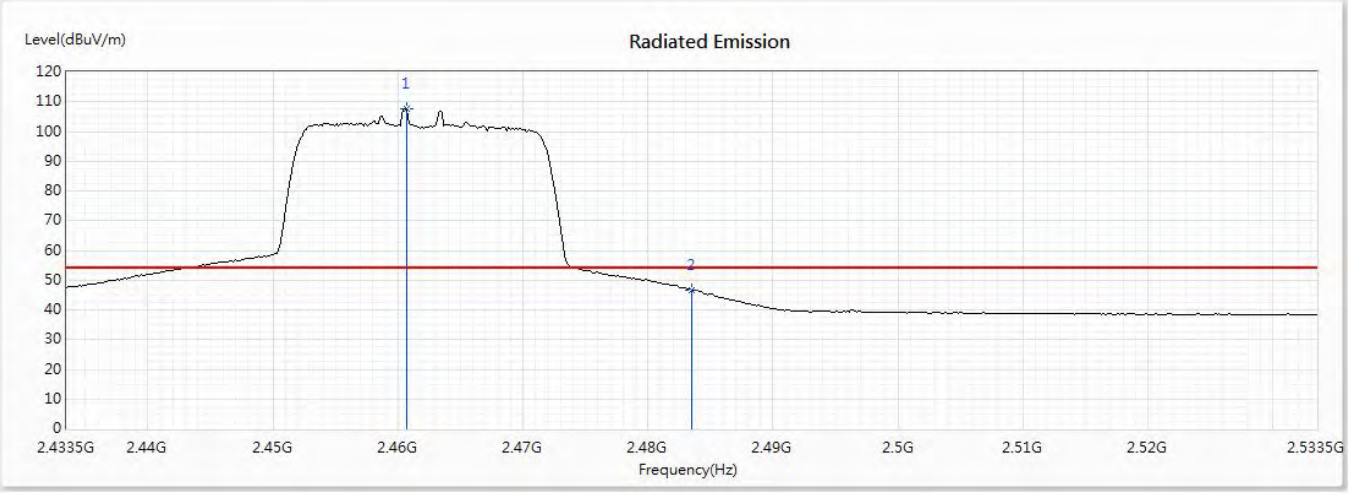
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2459.442	116.63	--	--	104.16	12.47	PK
2	2483.5	72.56	74.00	-1.44	59.98	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 13: Transmit (802.11ax-20M-BW-Beamforming) (2462MHz)
Test Date	:	2020/07/01

Vertical



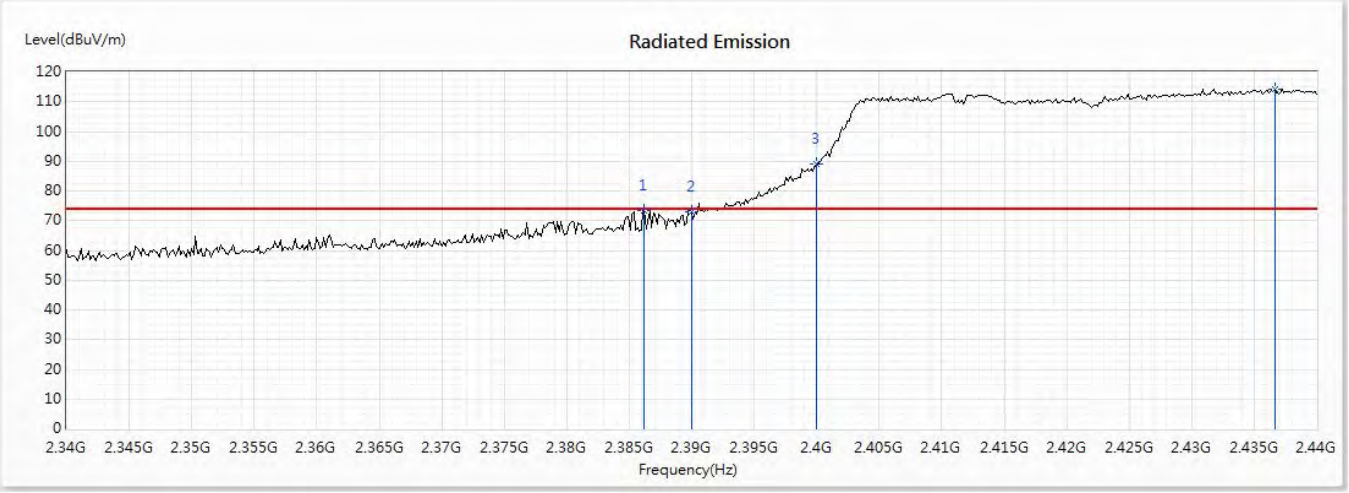
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2460.746	107.68	--	--	95.21	12.47	AV
2	2483.5	46.60	54.00	-7.40	34.02	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2422MHz)
Test Date	:	2020/07/01

Horizontal



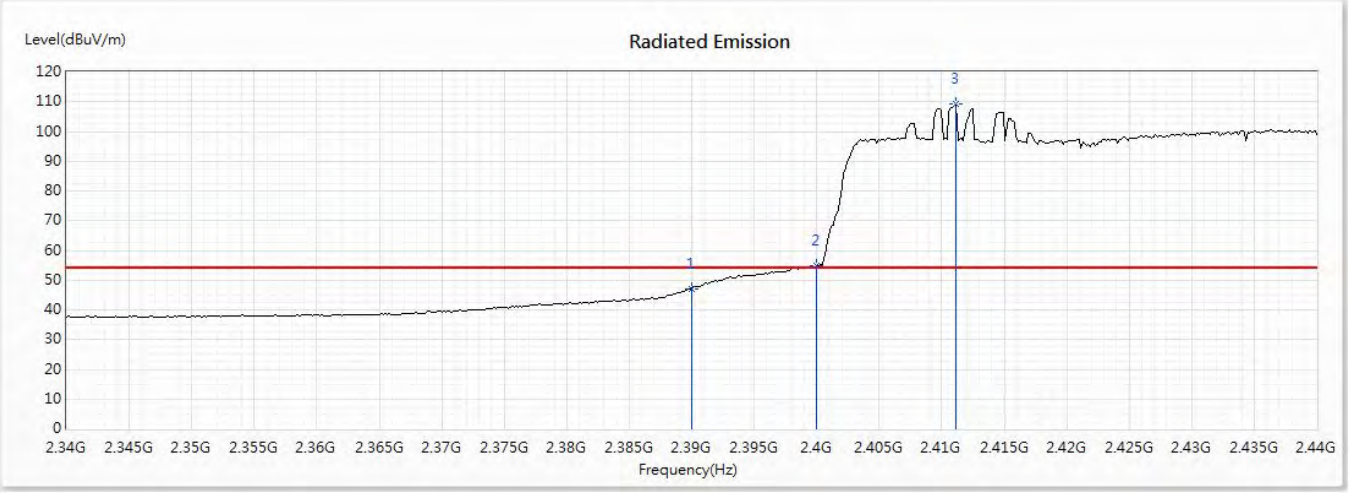
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2386.232	73.34	74.00	-0.66	61.10	12.24	PK
2	2390	72.83	74.00	-1.17	60.58	12.25	PK
3	2400	89.23	--	--	76.97	12.26	PK
4	2436.667	114.17	--	--	101.80	12.37	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2422MHz)
Test Date	:	2020/07/01

Horizontal



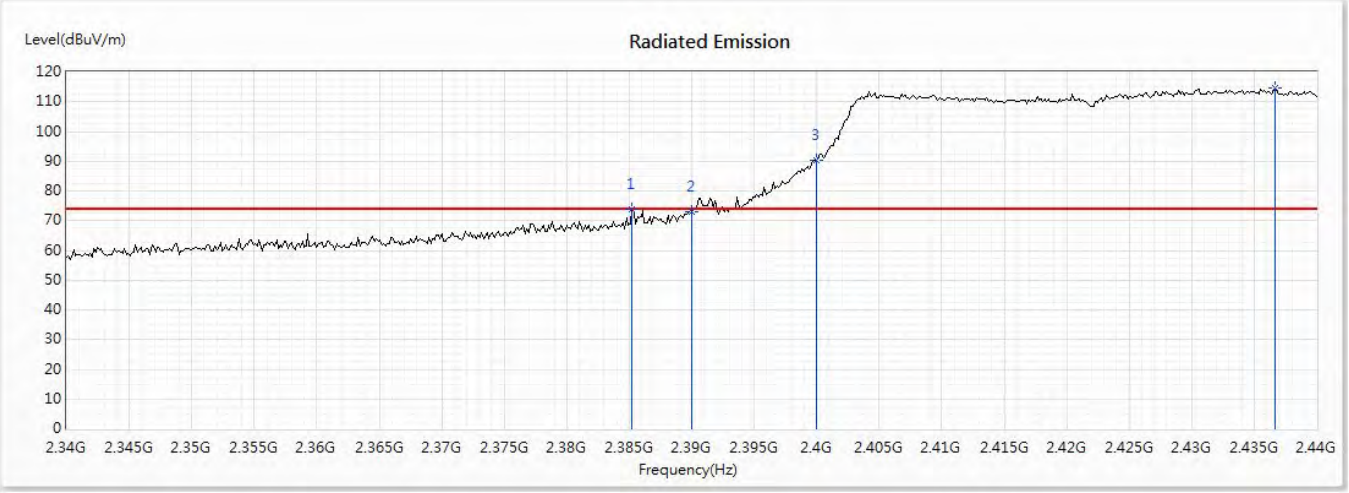
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	47.03	54.00	-6.97	34.78	12.25	AV
2	2400	54.73	--	--	42.47	12.26	AV
3	2411.159	109.08	--	--	96.79	12.29	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2422MHz)
Test Date	:	2020/07/01

Vertical



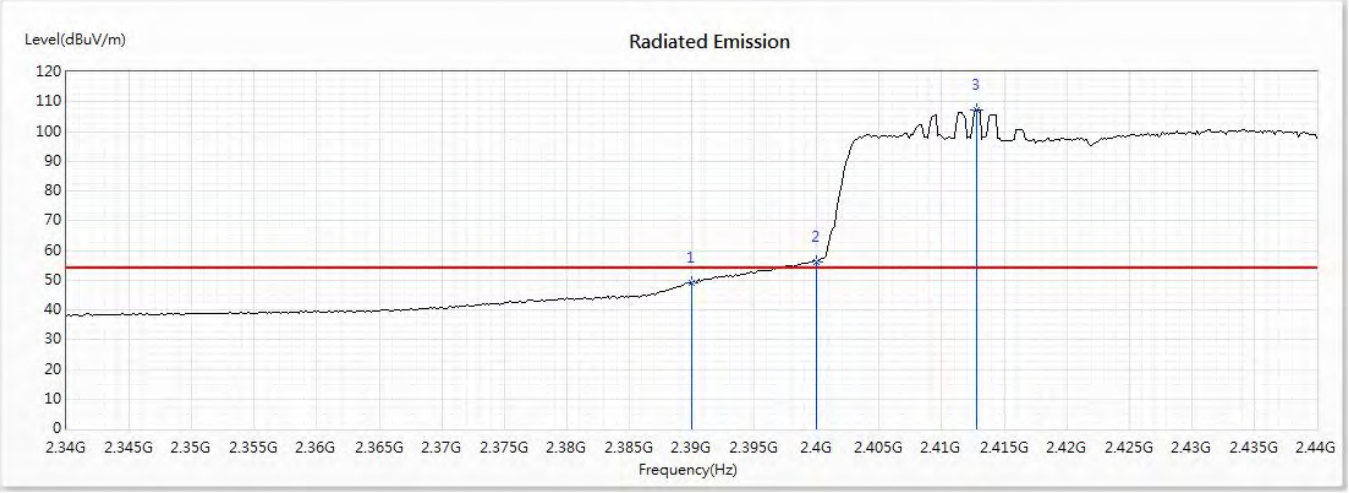
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2385.217	73.71	74.00	-0.29	61.47	12.24	PK
2	2390	73.16	74.00	-0.84	60.91	12.25	PK
3	2400	90.22	--	--	77.96	12.26	PK
4	2436.667	114.55	--	--	102.18	12.37	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2422MHz)
Test Date	:	2020/07/01

Vertical



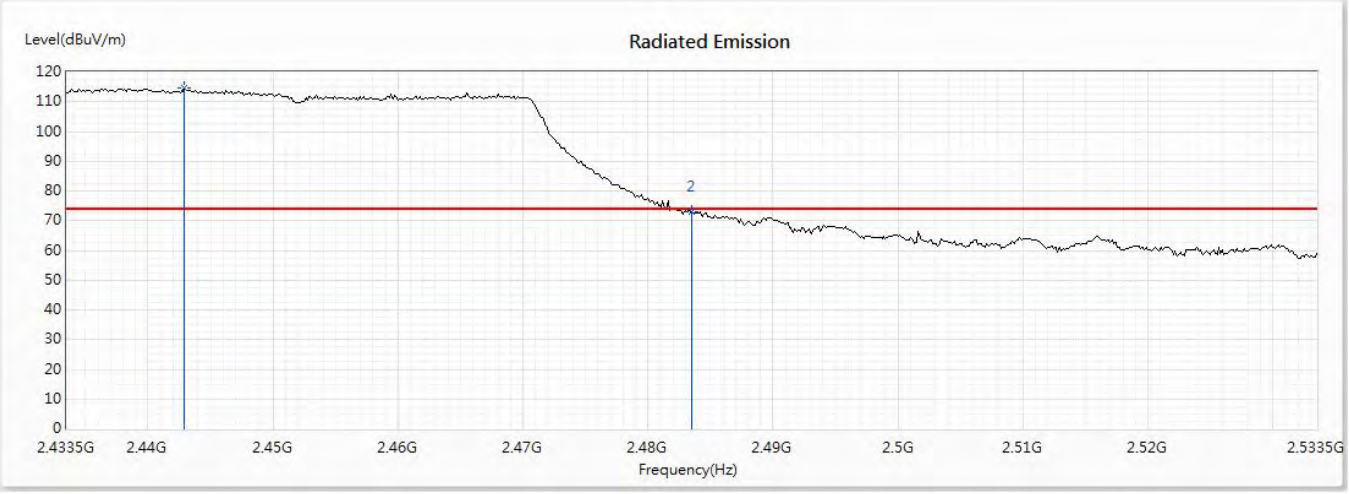
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2390	49.20	54.00	-4.80	36.95	12.25	AV
2	2400	56.27	--	--	44.01	12.26	AV
3	2412.754	107.26	--	--	94.96	12.30	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452MHz)
Test Date	:	2020/07/01

Horizontal



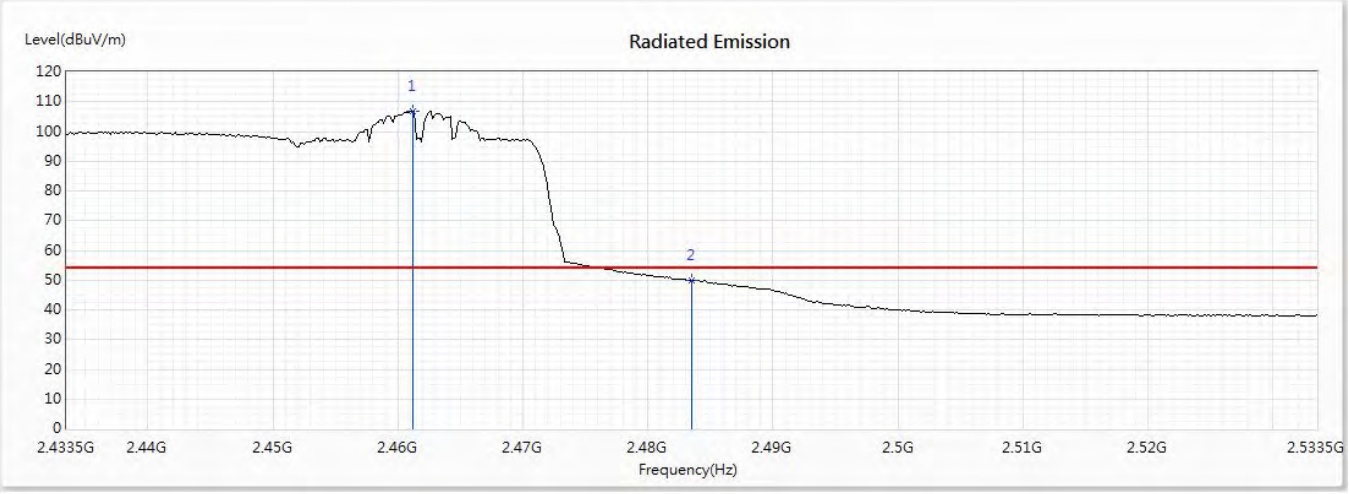
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2442.92	114.52	--	--	102.13	12.39	PK
2	2483.5	72.92	74.00	-1.08	60.34	12.58	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	LV55
Test Item	:	Band Edge Data
Test Mode	:	Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452MHz)
Test Date	:	2020/07/01

Horizontal



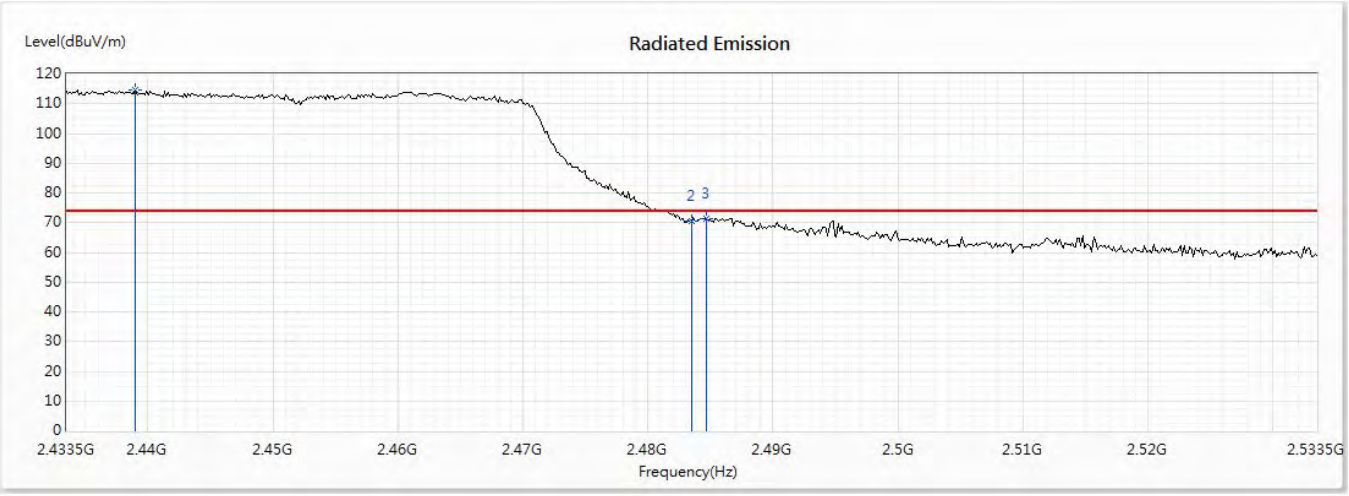
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2461.181	106.99	--	--	94.52	12.47	AV
2	2483.5	49.94	54.00	-4.06	37.36	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452MHz)
Test Date : 2020/07/01

Vertical



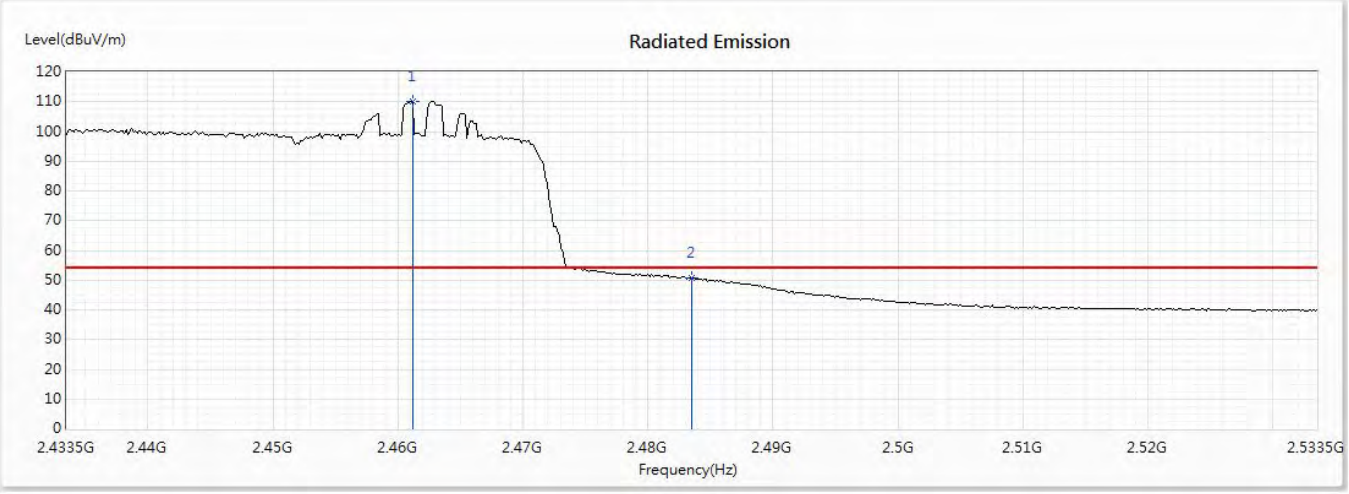
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2439.007	114.56	--	--	102.18	12.38	PK
2	2483.5	70.51	74.00	-3.49	57.93	12.58	PK
3	2484.659	71.42	74.00	-2.58	58.83	12.59	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : LV55
Test Item : Band Edge Data
Test Mode : Mode 14: Transmit (802.11ax-40M-BW-Beamforming) (2452MHz)
Test Date : 2020/07/01

Vertical



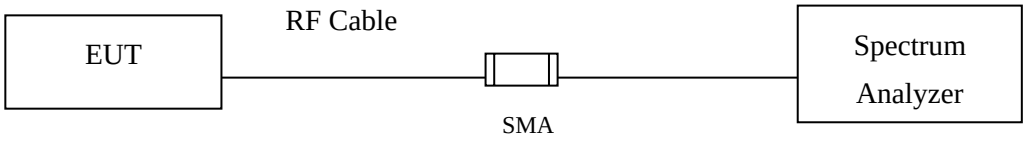
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	2461.181	110.10	--	--	97.63	12.47	AV
2	2483.5	50.58	54.00	-3.42	38.00	12.58	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

7. 6dB Bandwidth

7.1. Test Setup



7.2. Limits

The minimum bandwidth shall be at least 500 kHz.

7.3. Test Procedure

The EUT was setup according to ANSI C63.4, 2014; tested according to ANSI C63.10 Section 11.8 for compliance to FCC 47CFR 15.247 requirements.

7.4. Test Result of 6dB Bandwidth

Product : LV55
Test Item : 6dB Bandwidth Data
Test Mode : Mode 1: Transmit (802.11b-CDD)
Test Date : 2020/07/05

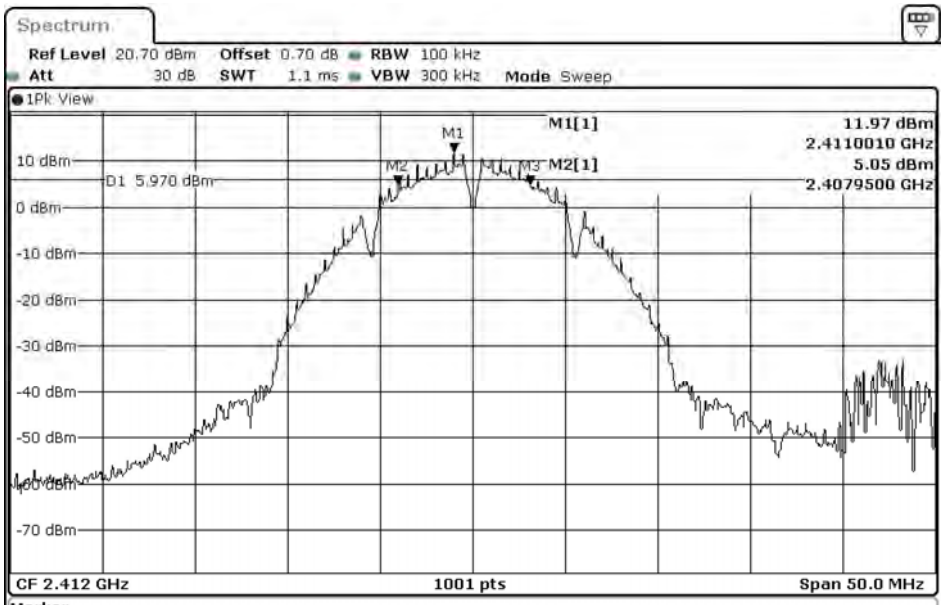
Chain A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	7150	>500	Pass
06	2437	7600	>500	Pass
11	2462	8200	>500	Pass

Chain B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	7650	>500	Pass
06	2437	7650	>500	Pass
11	2462	7650	>500	Pass

Figure Channel 01: (Chain A)

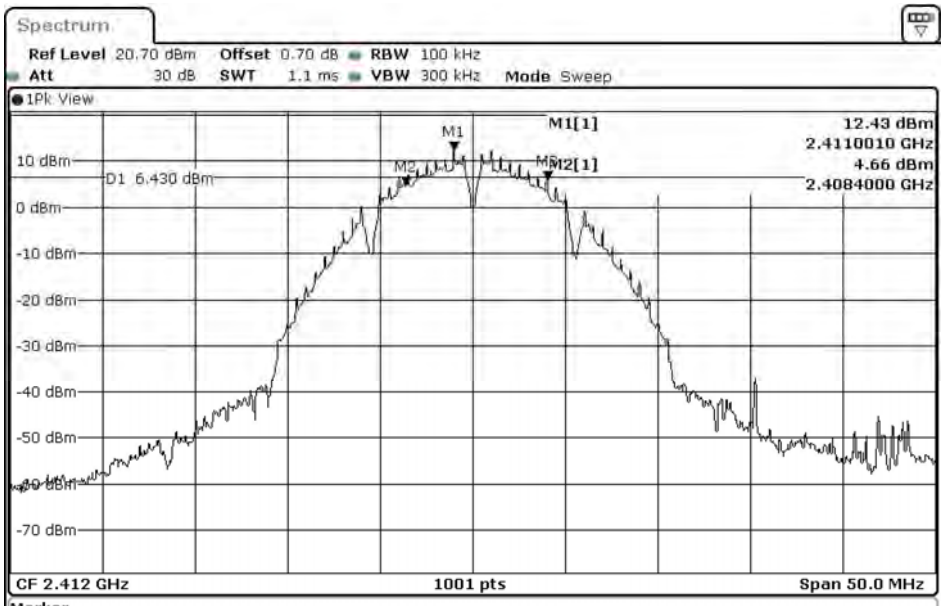


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.411001 GHz	11.97 dBm		
M2		1	2.40795 GHz	5.05 dBm		
M3		1	2.4151 GHz	4.91 dBm		

Date: 5.JUL.2020 10:31:51

Figure Channel 01: (Chain B)

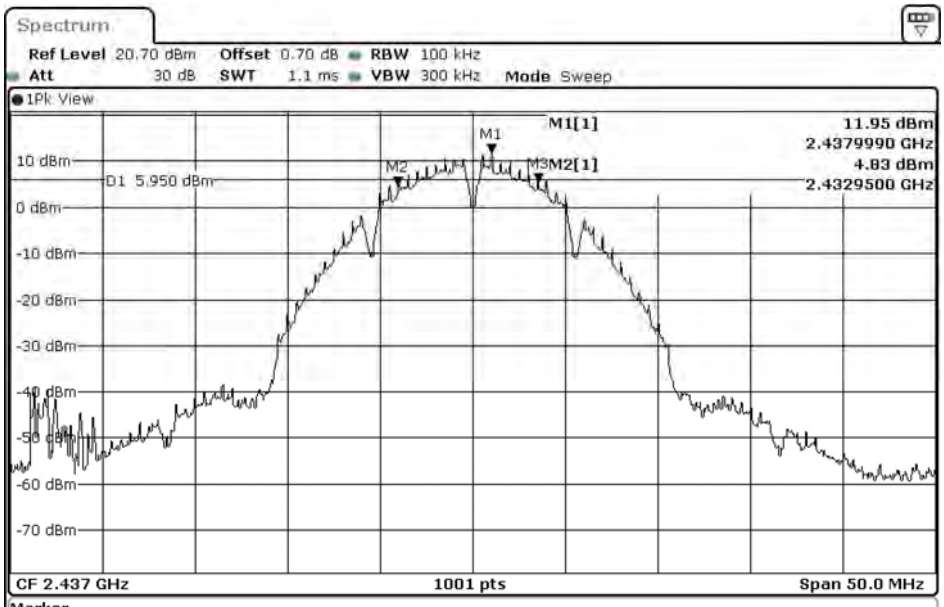


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.411001 GHz	12.43 dBm		
M2		1	2.4084 GHz	4.66 dBm		
M3		1	2.41605 GHz	6.02 dBm		

Date: 5.JUL.2020 10:34:54

Figure Channel 06: (Chain A)

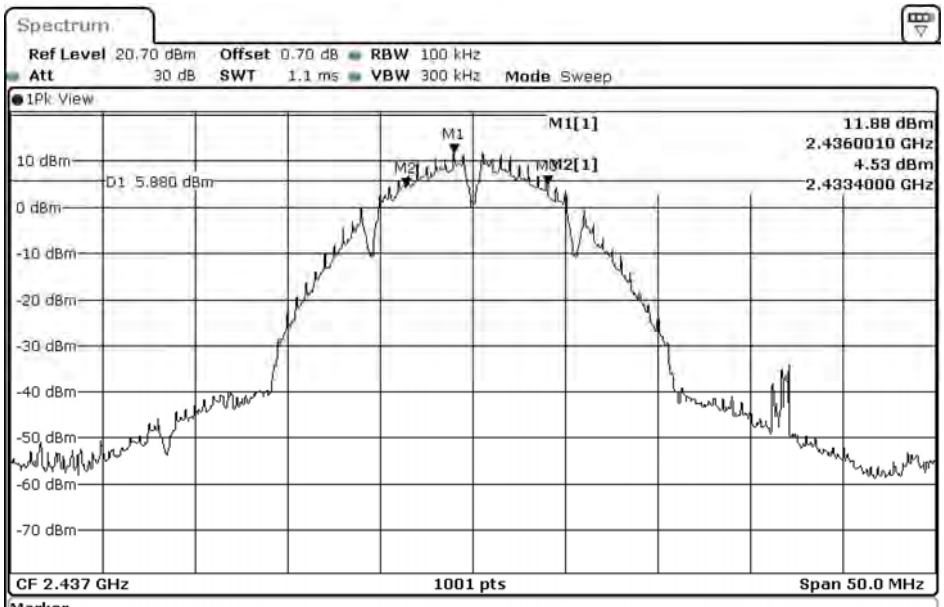


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437999 GHz	11.95 dBm		
M2		1	2.43295 GHz	4.83 dBm		
M3		1	2.44055 GHz	5.53 dBm		

Date: 5.JUL.2020 10:35:06

Figure Channel 06: (Chain B)

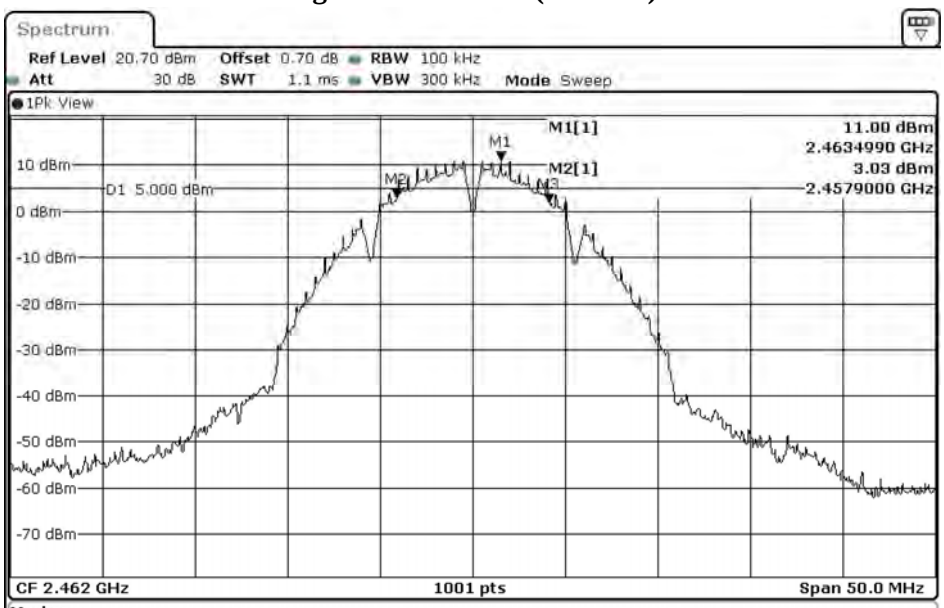


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.436001 GHz	11.88 dBm		
M2		1	2.4334 GHz	4.53 dBm		
M3		1	2.44105 GHz	5.08 dBm		

Date: 5.JUL.2020 10:38:10

Figure Channel 11: (Chain A)

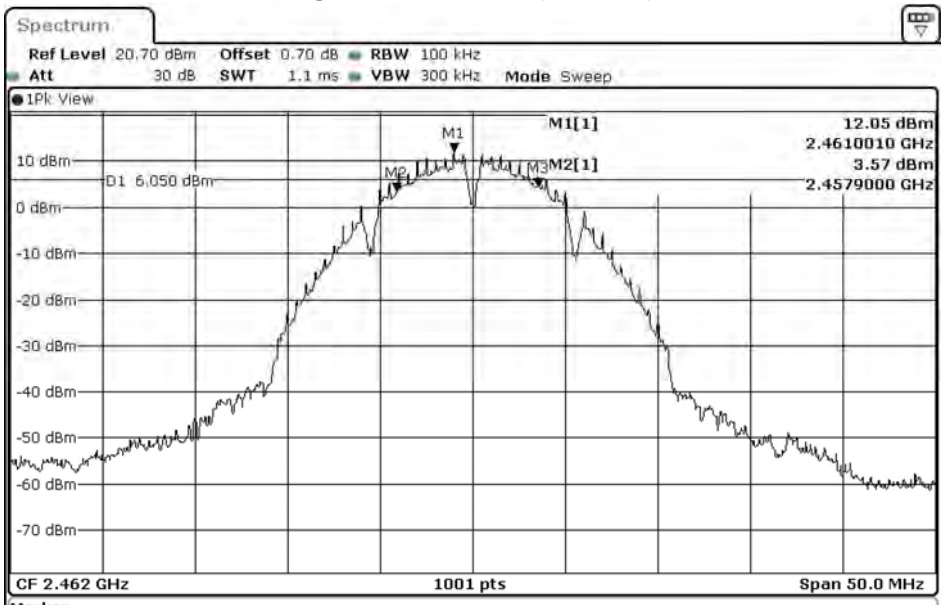


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.463499 GHz	11.00 dBm		
M2		1	2.4579 GHz	3.03 dBm		
M3		1	2.4661 GHz	2.03 dBm		

Date: 5.JUL.2020 10:38:23

Figure Channel 11: (Chain B)



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.461001 GHz	12.05 dBm		
M2		1	2.4579 GHz	3.57 dBm		
M3		1	2.46555 GHz	4.56 dBm		

Date: 5.JUL.2020 10:41:27

Product : LV55
Test Item : 6dB Bandwidth Data
Test Mode : Mode 2: Transmit (802.11g-CDD)
Test Date : 2020/07/05

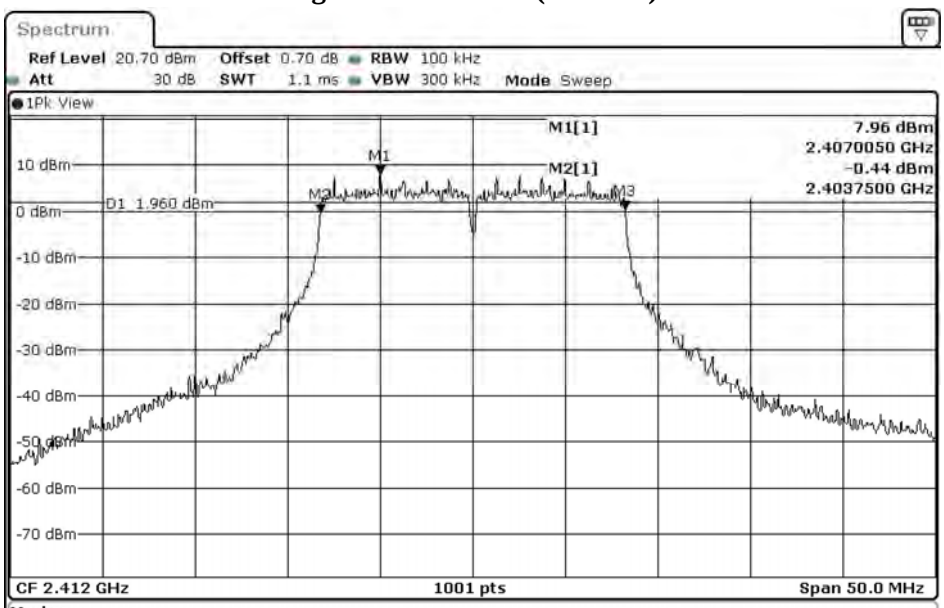
Chain A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16450	>500	Pass
06	2437	16100	>500	Pass
11	2462	16000	>500	Pass

Chain B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	16450	>500	Pass
06	2437	16400	>500	Pass
11	2462	15850	>500	Pass

Figure Channel 01: (Chain A)

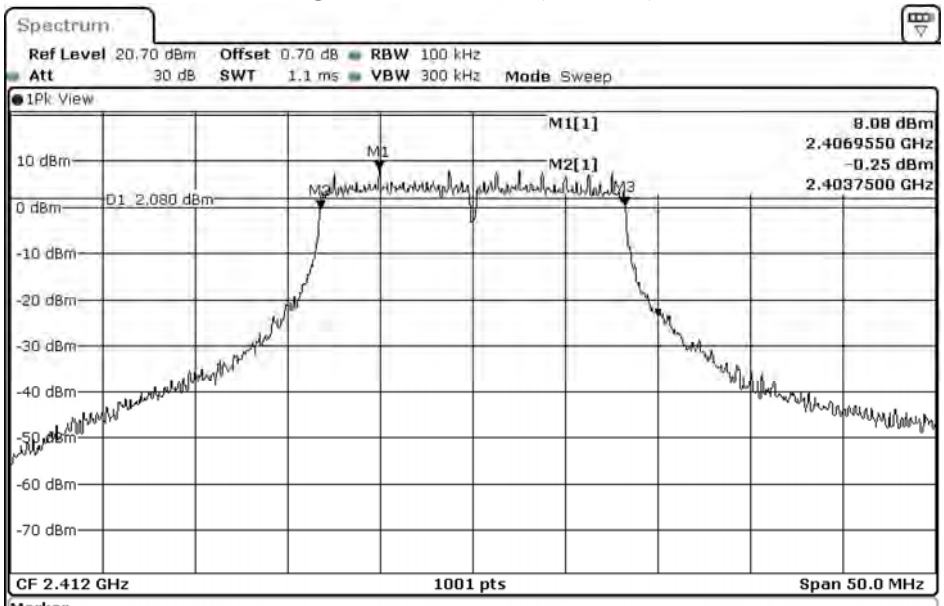


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.407005 GHz	7.96 dBm		
M2		1	2.40375 GHz	-0.44 dBm		
M3		1	2.4202 GHz	0.45 dBm		

Date: 5.JUL.2020 10:42:22

Figure Channel 01: (Chain B)

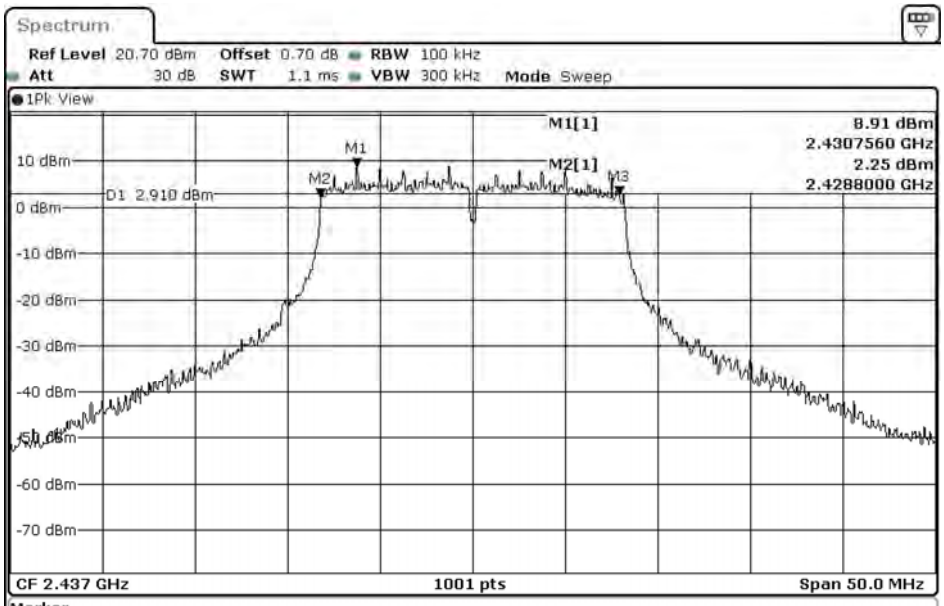


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.406955 GHz	8.08 dBm		
M2		1	2.40375 GHz	-0.25 dBm		
M3		1	2.4202 GHz	0.43 dBm		

Date: 5.JUL.2020 10:45:26

Figure Channel 06: (Chain A)

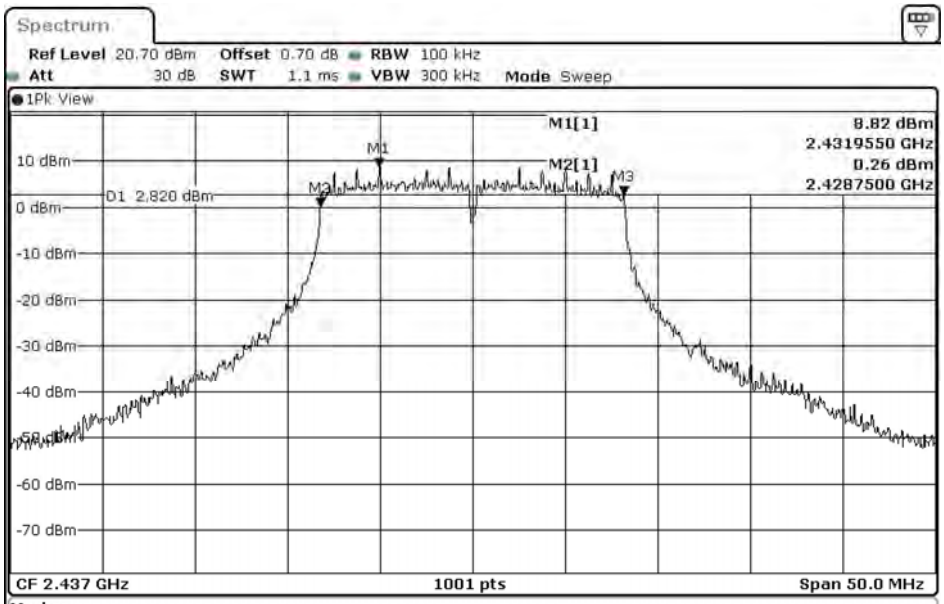


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.430756 GHz	8.91 dBm		
M2		1	2.4288 GHz	2.25 dBm		
M3		1	2.4449 GHz	2.77 dBm		

Date: 5.JUL.2020 10:45:21

Figure Channel 06: (Chain B)

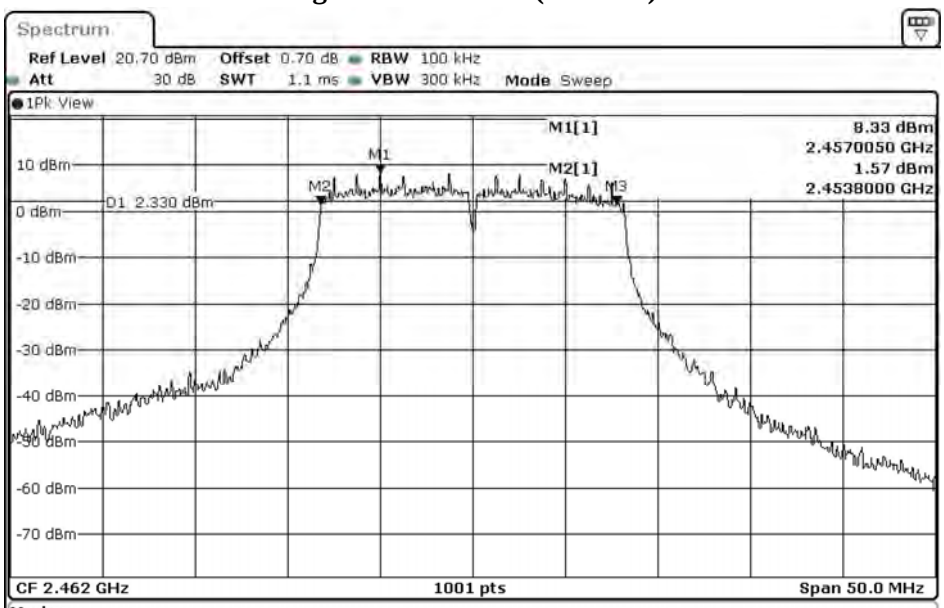


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.431955 GHz	8.82 dBm		
M2		1	2.42875 GHz	0.26 dBm		
M3		1	2.44515 GHz	2.73 dBm		

Date: 5.JUL.2020 10:48:25

Figure Channel 11: (Chain A)

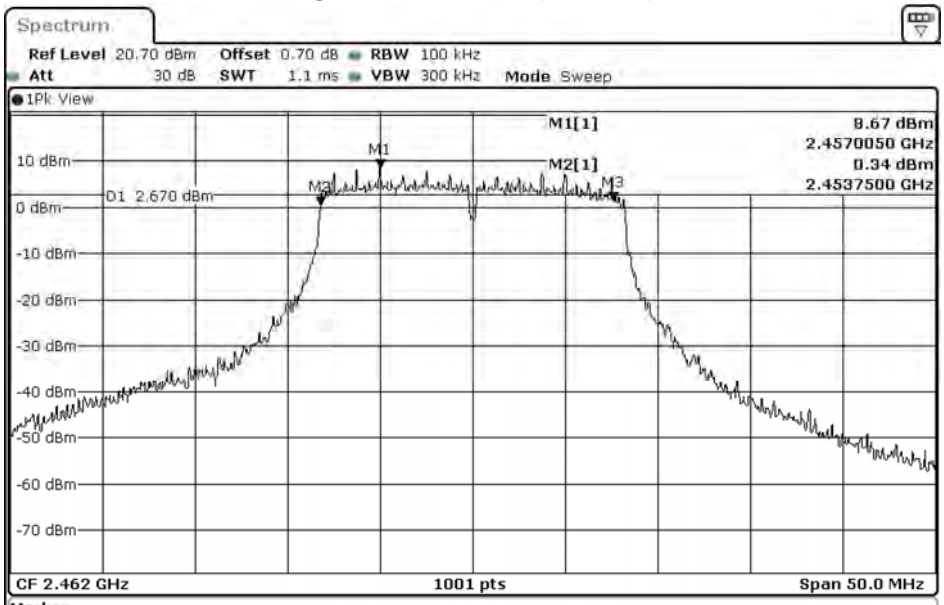


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.457005 GHz	8.33 dBm		
M2		1	2.4538 GHz	1.57 dBm		
M3		1	2.4698 GHz	1.44 dBm		

Date: 5.JUL.2020 10:48:32

Figure Channel 11: (Chain B)



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.457005 GHz	8.67 dBm		
M2		1	2.45375 GHz	0.34 dBm		
M3		1	2.4696 GHz	1.34 dBm		

Date: 5.JUL.2020 10:51:36

Product : LV55
Test Item : 6dB Bandwidth Data
Test Mode : Mode 7: Transmit (802.11ax-20M-BW-CDD) (RU Config-Full)
Test Date : 2020/07/05

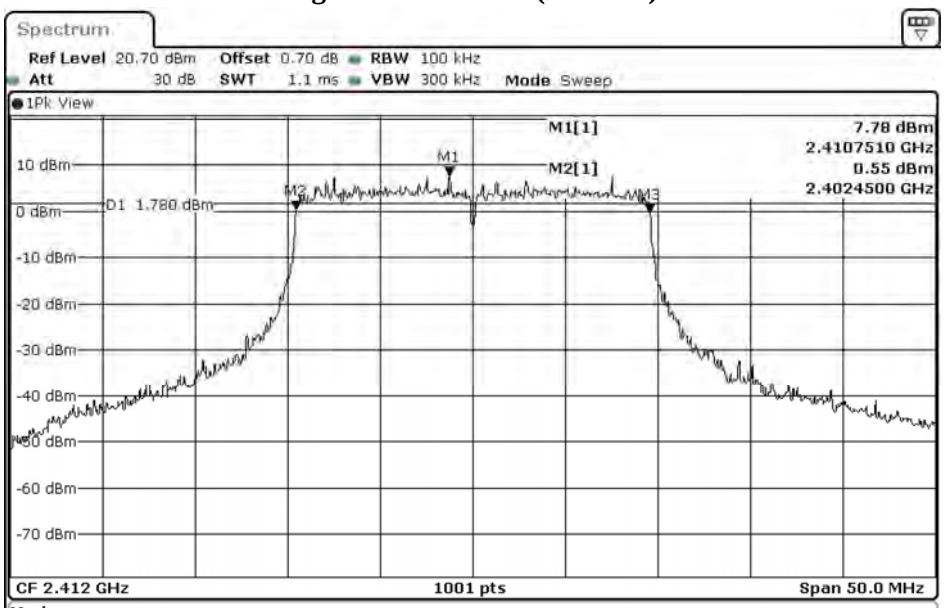
Chain A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	19100	>500	Pass
06	2437	18700	>500	Pass
11	2462	18350	>500	Pass

Chain B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
01	2412	18800	>500	Pass
06	2437	18900	>500	Pass
11	2462	19000	>500	Pass

Figure Channel 01: (Chain A)

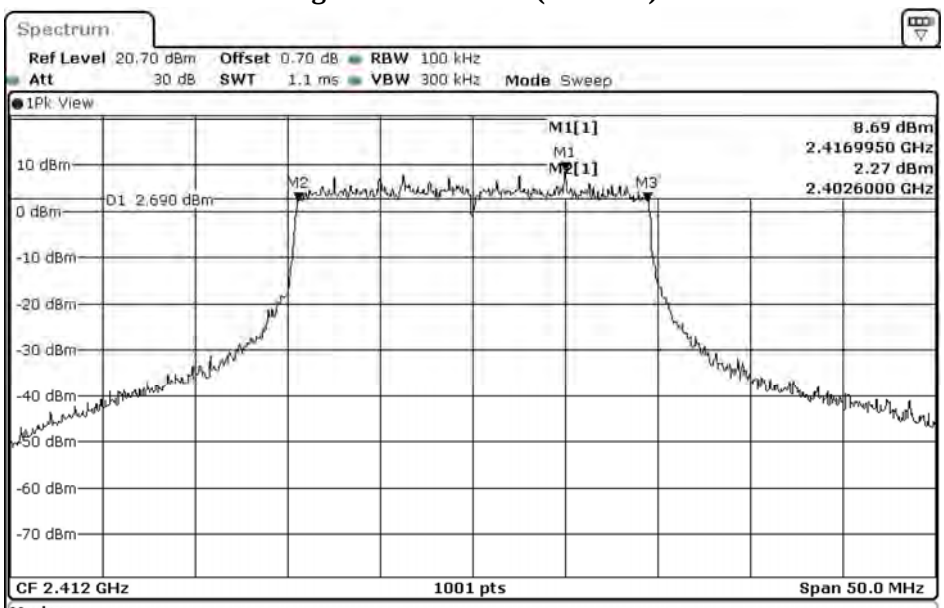


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.410751 GHz	7.78 dBm		
M2		1	2.40245 GHz	0.55 dBm		
M3		1	2.42155 GHz	-0.33 dBm		

Date: 5.JUL.2020 10:57:26

Figure Channel 01: (Chain B)

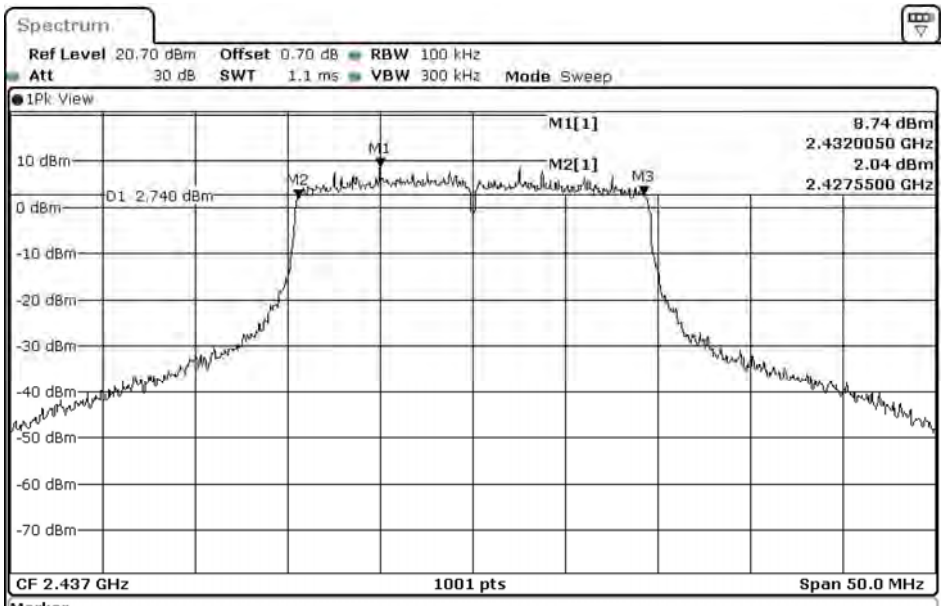


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.416995 GHz	8.69 dBm		
M2		1	2.4026 GHz	2.27 dBm		
M3		1	2.4214 GHz	2.16 dBm		

Date: 5.JUL.2020 11:00:30

Figure Channel 06: (Chain A)

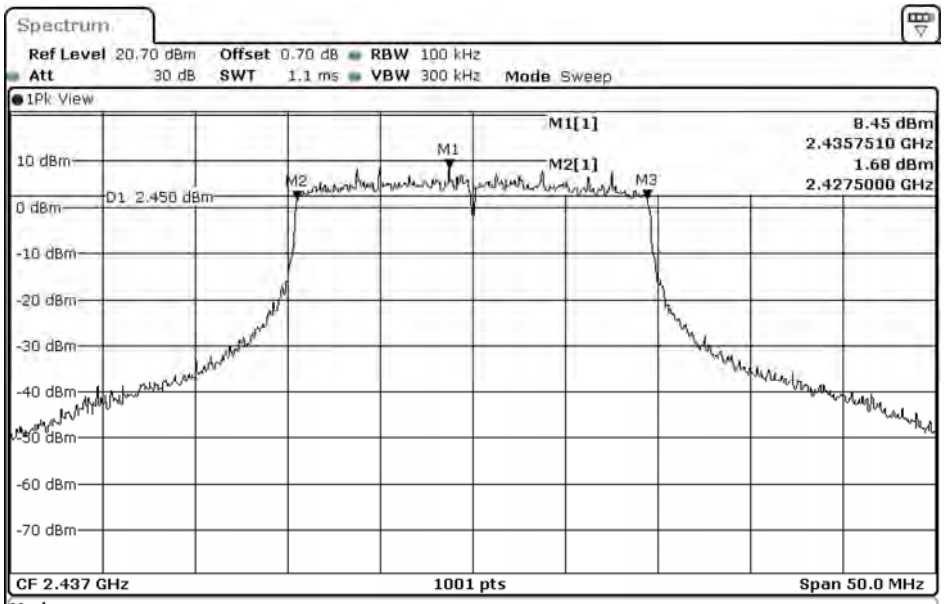


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.432005 GHz	8.74 dBm		
M2		1	2.42755 GHz	2.04 dBm		
M3		1	2.44625 GHz	2.65 dBm		

Date: 5.JUL.2020 11:00:30

Figure Channel 06: (Chain B)

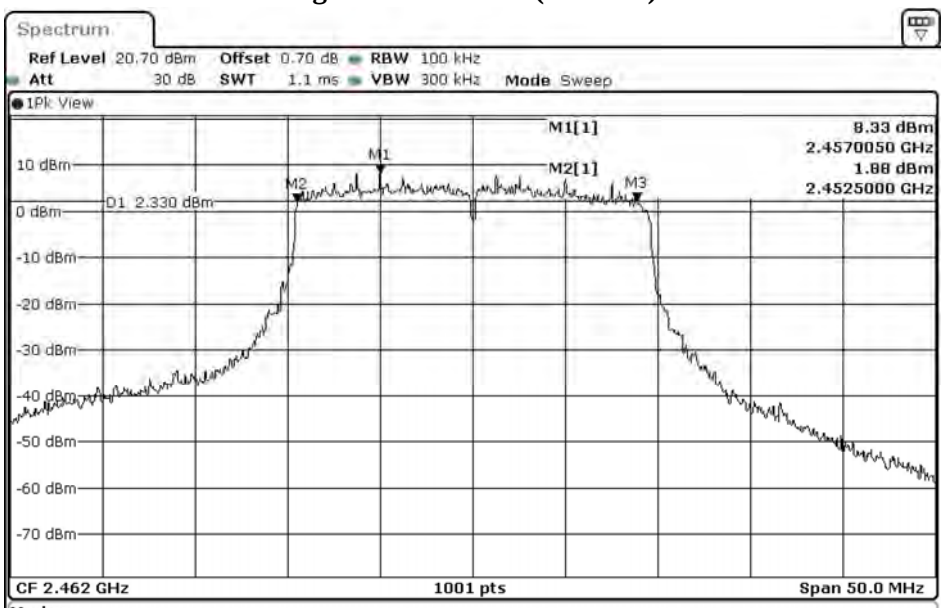


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.435751 GHz	8.45 dBm		
M2		1	2.4275 GHz	1.68 dBm		
M3		1	2.4464 GHz	1.94 dBm		

Date: 5.JUL.2020 11:03:33

Figure Channel 11: (Chain A)

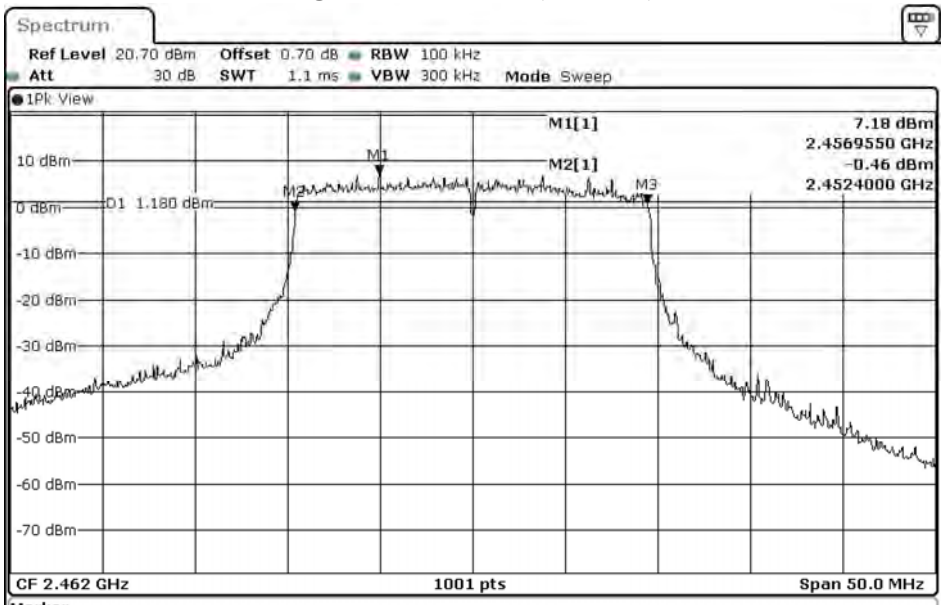


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.457005 GHz	8.33 dBm		
M2		1	2.4525 GHz	1.88 dBm		
M3		1	2.47085 GHz	2.28 dBm		

Date: 5.JUL.2020 11:03:32

Figure Channel 11: (Chain B)



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.456955 GHz	7.18 dBm		
M2		1	2.4524 GHz	-0.46 dBm		
M3		1	2.4714 GHz	1.04 dBm		

Date: 5.JUL.2020 11:06:36

Product : LV55
Test Item : 6dB Bandwidth Data
Test Mode : Mode 8: Transmit (802.11ax-40M-BW-CDD) (RU Config-Full)
Test Date : 2020/07/05

Chain A

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	38100	>500	Pass
06	2437	37400	>500	Pass
09	2452	37200	>500	Pass

Chain B

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
03	2422	38100	>500	Pass
06	2437	37800	>500	Pass
09	2452	36800	>500	Pass