CO-LOCATION TEST REPORT

For

USB Dongle

MODEL NUMBER: EWN-8822BUN2AA

FCC ID: 2AMM6-8822BU

IC: 26313-8822BU

REPORT NUMBER: 4789730758-13

ISSUE DATE: December 23, 2020

Prepared for

Earda Technologies Co.,Ltd
Block A, LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou China

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	12/23/2020	Initial Issue	

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Earda Technologies Co.,Ltd
Address:	Block A, LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou China

Manufacturer Information

Company Name:	Earda Technologies Co.,Ltd
Address:	Block A, LianFeng Creative Industry Park,2 JiSheng Road., HuangGe Town, NanSha District, Guangzhou China

EUT Information

EUT Name:	USB Dongle
Model:	EWN-8822BUN2AA
Sample Received Date:	November 25, 2020
Sample Status:	Normal
Sample ID:	3480130
Date of Tested:	November 25~December 8, 2020

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART C	PASS
CFR 47 FCC PART 15 SUBPART E	PASS
ISED RSS-247 Issue 2	PASS
ISED RSS-GEN Issue 5	PASS

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Checked By:

Shawn Wen
Laboratory Leader

Approved By:

Stephen Guo
Laboratory Manager

2. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. **VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

Note 1: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Note 2: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3: For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an OFS.

3. MEASUREMENT UNCERTAINTY

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

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.	

4. EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF EUT

EUT Name	USB Dongle		
Model	EWN-8822BUN2AA		
Power Supply	DC State	Rate Input:	DC 5 V

4.2. THE TEST CASE CONFIGURATIONS

Simultaneously transmission			
Condition	Antenna 0	Antenna 1	Support (YES/NO)
1	WLAN (2.4G)	WLAN (5G)	YES
2	WLAN (5G)	WLAN (2.4G)	YES
3	WLAN (2.4G)	BT&BLE	YES
4	WLAN (5G)	BT&BLE	YES

Note: 1. BT and BLE cannot simultaneously transmission.

2. All the tests of BT&BLE mode have been tested, only the worst-case power mode (BT) will be record in the report.

5. MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emissions						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☑	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Nov. 12, 2020	Nov. 11, 2021
☑	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Aug. 11, 2018	Aug. 10, 2021
☑	Preamplifier	HP	8447D	2944A09099	Nov. 12, 2020	Nov. 11, 2021
☑	EMI Measurement Receiver	R&S	ESR26	101377	Nov. 12, 2020	Nov. 11, 2021
☑	Horn Antenna	TDK	HRN-0118	130939	Sept. 17, 2018	Sept. 17, 2021
☑	Preamplifier	TDK	PA-02-0118	TRS-305-00067	Nov. 20, 2020	Nov. 19, 2021
☑	Horn Antenna	Schwarzbeck	BBHA9170	#691	Aug. 11, 2018	Aug. 11, 2021
☑	Preamplifier	TDK	PA-02-2	TRS-307-00003	Nov. 12, 2020	Nov. 11, 2021
☑	Loop antenna	Schwarzbeck	1519B	00008	Jan.17, 2019	Jan.17,2022
☑	Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Nov. 12, 2020	Nov. 11, 2021
☑	Preamplifier	Mini-Circuits	ZX60-83LN-S+	SUP01201941	Nov. 20, 2020	Nov. 19, 2021
☑	Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Nov. 12, 2020	Nov. 11, 2021
Software						
Used	Description		Manufacturer	Name		Version
☑	Test Software for Radiated disturbance		Farad	EZ-EMC		Ver. UL-3A1

6. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b).

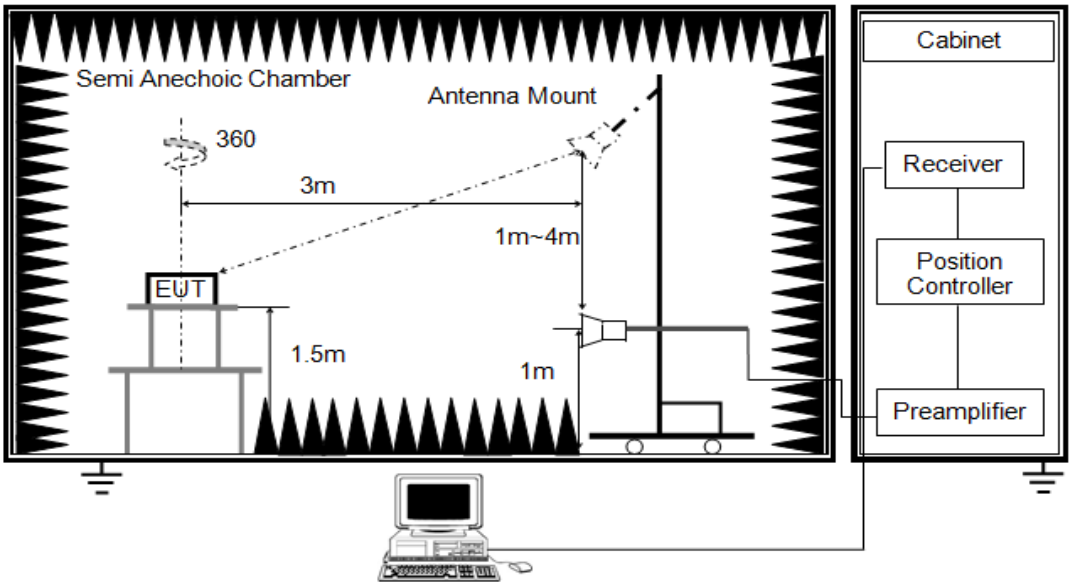
Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-247 6.2.

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

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b) and ISED RSS-247 6.2.

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK: -27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK: 105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK: 122.2 (dBμV/m) *4
Note: *1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

Above 1GHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.

2. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (1.5 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements.

TEST ENVIRONMENT

Temperature	23.4°C	Relative Humidity	57%
Atmosphere Pressure	101kPa	Test Voltage	AC120V,60HZ

RESULTS

6.1. WORST-CASE SIMULTANEOUSLY TRANSMISSION

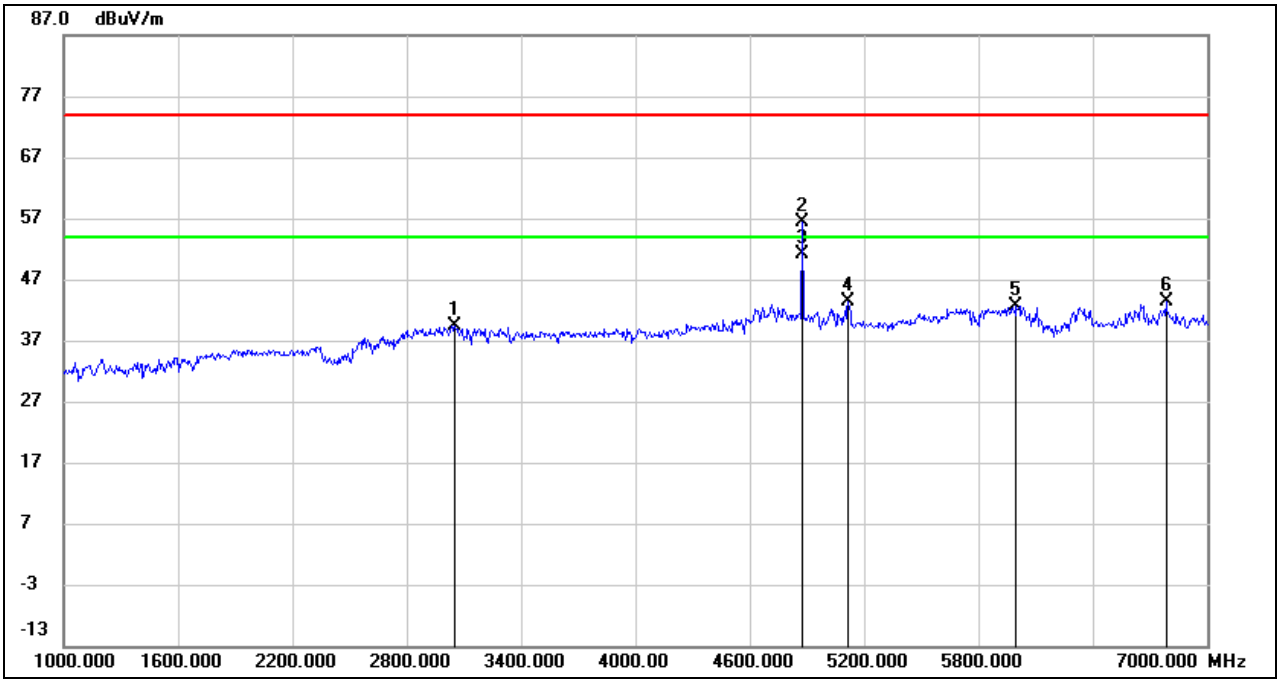
6.1.1. Condition 1

802.11b SISO MODE ANT 0 & 802.11a SISO MODE ANT 1

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

WIFI2.4G MID CHANNEL+UNII-1 MID CHANNEL

1-7GHz



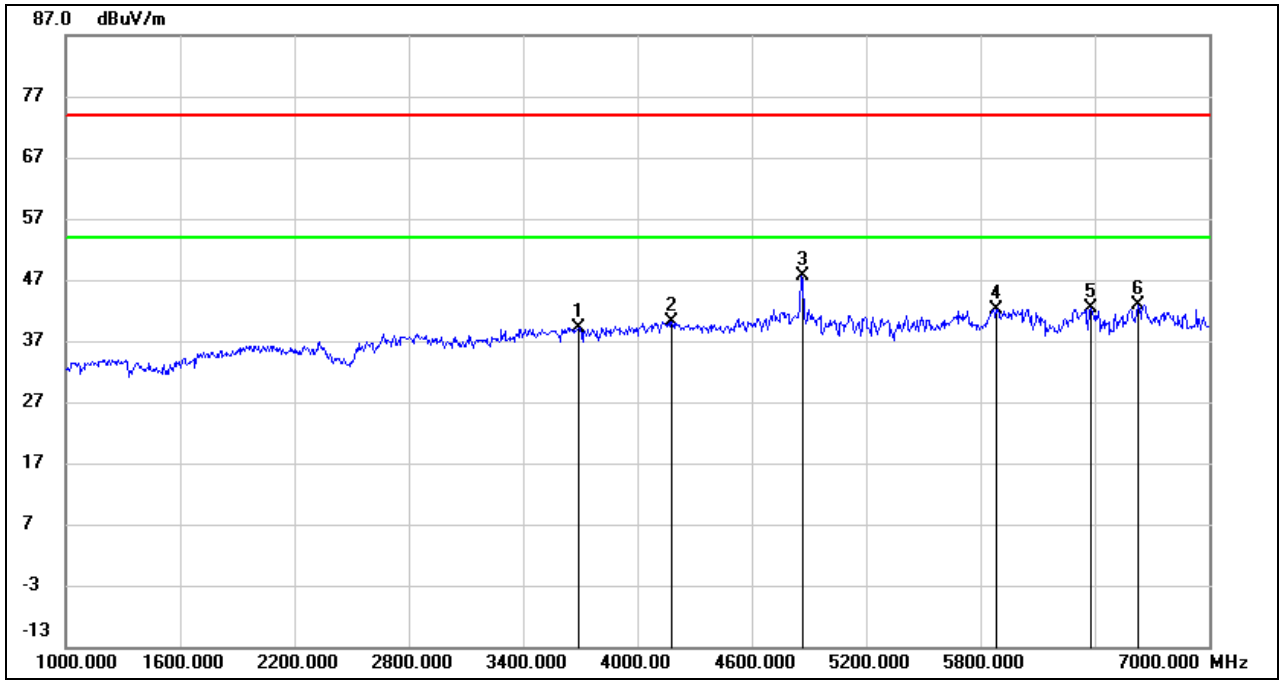
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3052.000	44.80	-5.50	39.30	74.00	-34.70	peak
2	4875.000	55.70	0.71	56.41	74.00	-17.59	peak
3	4875.000	50.52	0.71	51.23	54.00	-2.77	AVG
4	5116.000	41.90	1.60	43.50	74.00	-30.50	peak
5	5998.000	39.36	3.29	42.65	74.00	-31.35	peak
6	6784.000	37.81	5.56	43.37	74.00	-30.63	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

WIFI2.4G MID CHANNEL+UNII-1 MID CHANNEL

1-7GHz



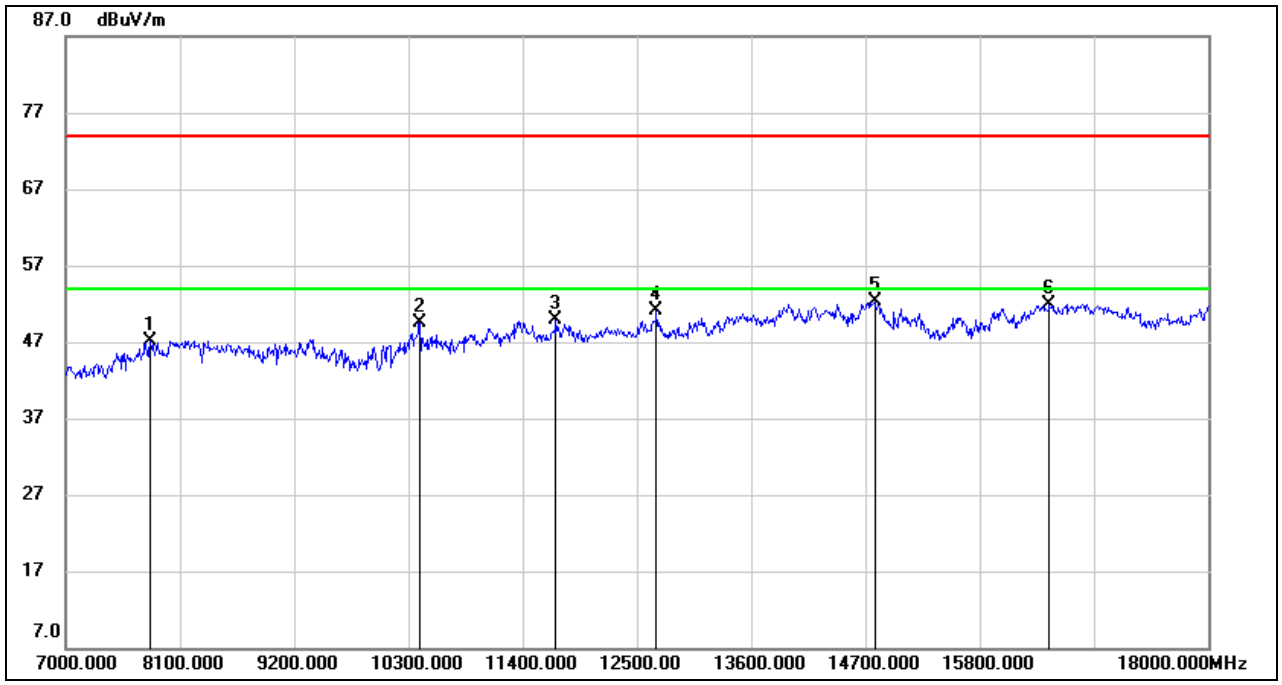
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3694.000	42.99	-3.75	39.24	74.00	-34.76	peak
2	4180.000	42.10	-1.87	40.23	74.00	-33.77	peak
3	4875.000	46.89	0.71	47.60	74.00	-26.40	peak
4	5884.000	39.40	2.84	42.24	74.00	-31.76	peak
5	6382.000	38.01	4.27	42.28	74.00	-31.72	peak
6	6628.000	37.41	5.50	42.91	74.00	-31.09	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

WIFI2.4G MID CHANNEL+UNII-1 MID CHANNEL

7-18GHz



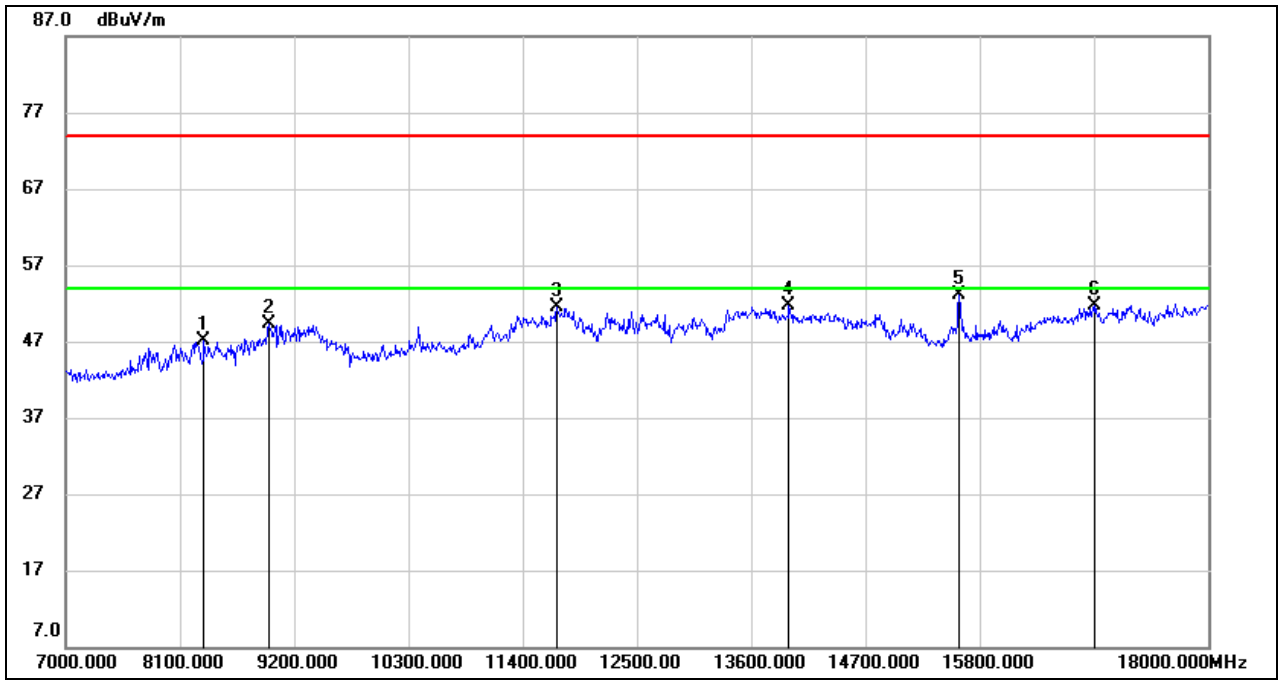
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	37.92	9.28	47.20	74.00	-26.80	peak
2	10410.000	37.20	12.25	49.45	74.00	-24.55	peak
3	11719.000	34.56	15.33	49.89	74.00	-24.11	peak
4	12687.000	35.39	15.64	51.03	74.00	-22.97	peak
5	14788.000	33.74	18.63	52.37	74.00	-21.63	peak
6	16471.000	31.94	20.03	51.97	74.00	-22.03	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

WIFI2.4G MID CHANNEL+UNII-1 MID CHANNEL

7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8331.000	37.58	9.58	47.16	74.00	-26.84	peak
2	8958.000	38.77	10.48	49.25	74.00	-24.75	peak
3	11730.000	36.13	15.32	51.45	74.00	-22.55	peak
4	13963.000	33.01	18.65	51.66	74.00	-22.34	peak
5	15602.000	34.96	18.05	53.01	74.00	-20.99	peak
6	16911.000	29.77	21.99	51.76	74.00	-22.24	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

Note: All the test modes and combination have been considered. Only the worst data record in the report.

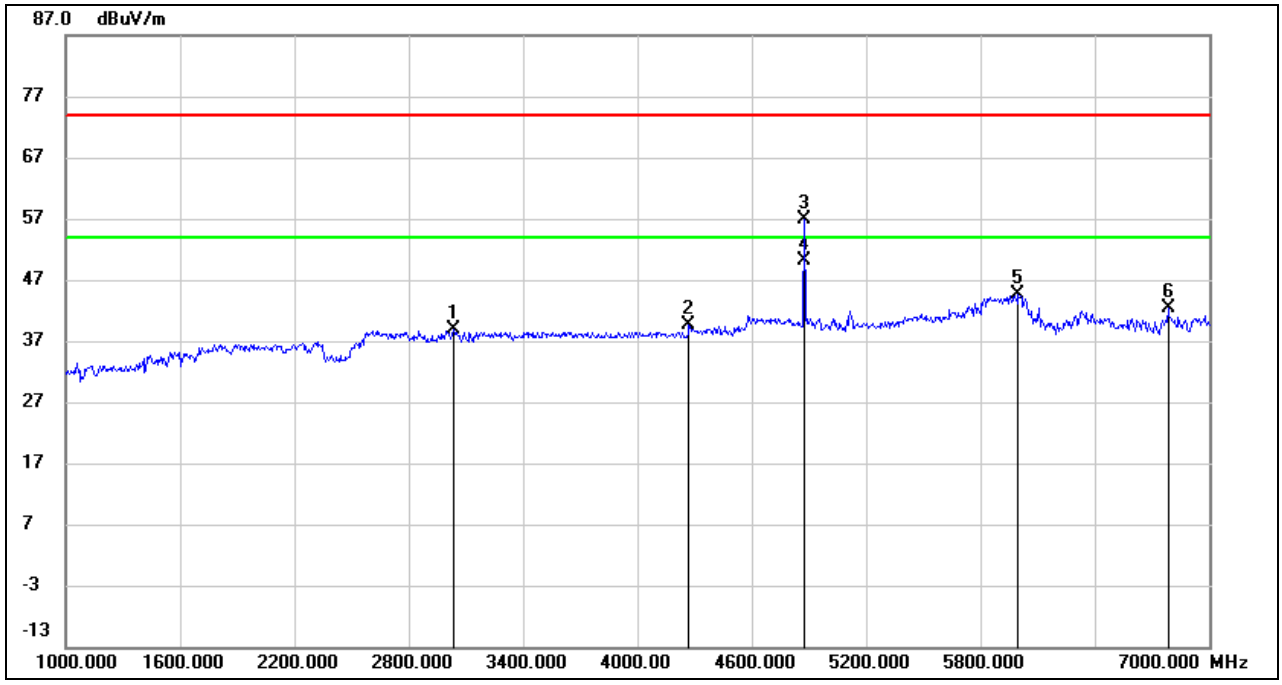
6.1.2. Condition 2

802.11a SISO MODE ANT 0 & 802.11b SISO MODE ANT 1

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

UNII-1 MID CHANNEL+ WIFI2.4G MID CHANNEL

1-7GHz



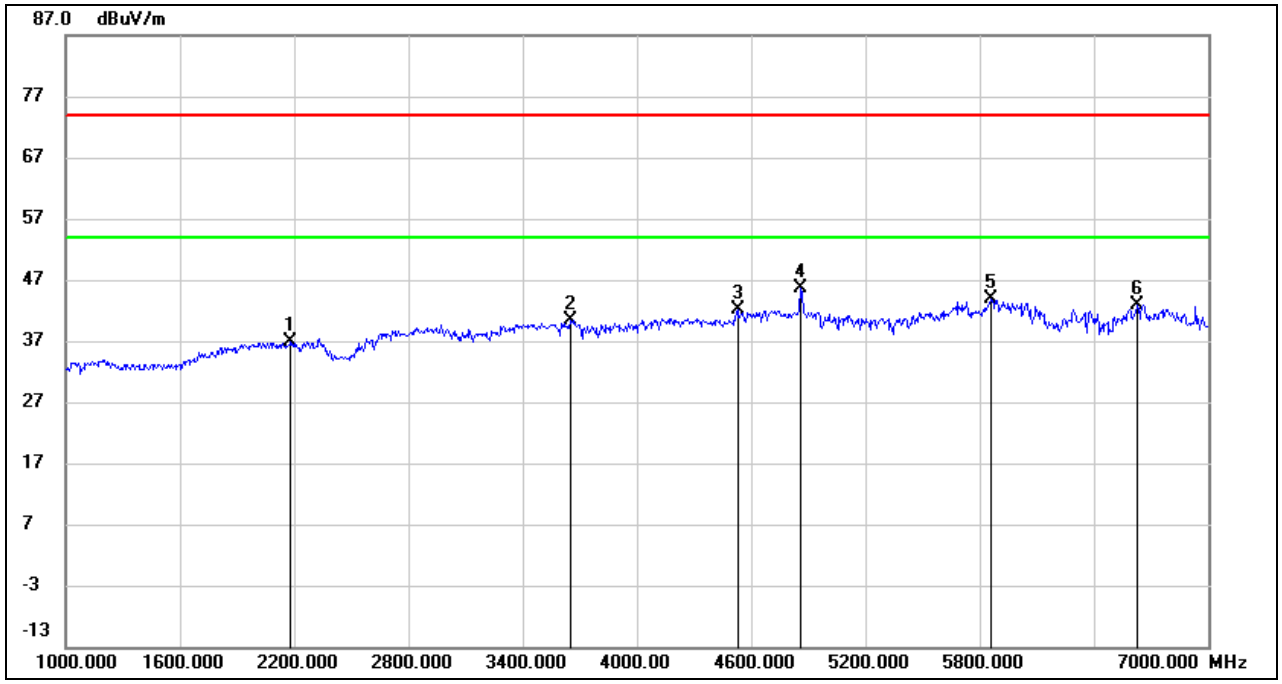
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3034.000	44.30	-5.53	38.77	74.00	-35.23	peak
2	4270.000	41.32	-1.73	39.59	74.00	-34.41	peak
3	4875.000	56.20	0.71	56.91	74.00	-17.09	peak
4	4875.000	49.33	0.71	50.04	54.00	-3.96	AVG
5	5998.000	41.36	3.29	44.65	74.00	-29.35	peak
6	6784.000	36.81	5.56	42.37	74.00	-31.63	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

UNII-1 MID CHANNEL+ WIFI2.4G MID CHANNEL

1-7GHz



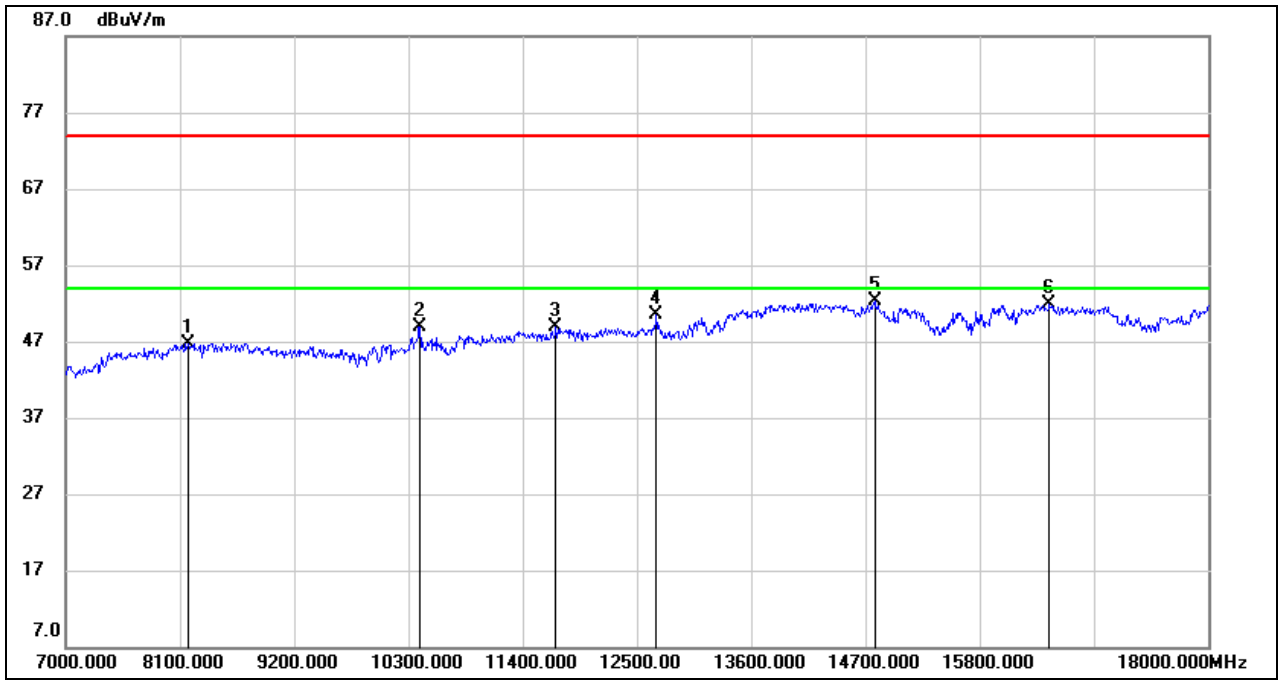
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2182.000	46.11	-9.15	36.96	74.00	-37.04	peak
2	3652.000	44.44	-3.96	40.48	74.00	-33.52	peak
3	4528.000	43.14	-1.05	42.09	74.00	-31.91	peak
4	4858.000	44.92	0.68	45.60	74.00	-28.40	peak
5	5860.000	41.23	2.75	43.98	74.00	-30.02	peak
6	6628.000	37.41	5.50	42.91	74.00	-31.09	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

UNII-1 MID CHANNEL+ WIFI2.4G MID CHANNEL

7-18GHz



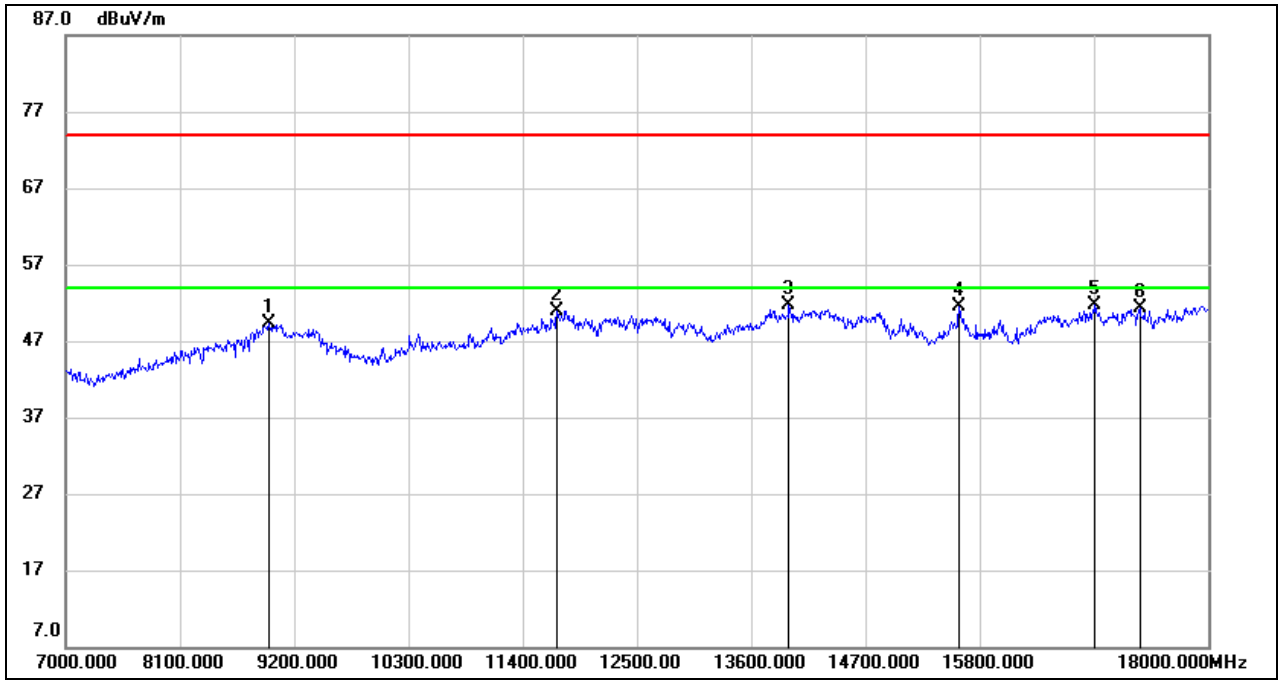
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8177.000	36.81	9.89	46.70	74.00	-27.30	peak
2	10410.000	36.70	12.25	48.95	74.00	-25.05	peak
3	11719.000	33.56	15.33	48.89	74.00	-25.11	peak
4	12687.000	34.89	15.64	50.53	74.00	-23.47	peak
5	14788.000	33.74	18.63	52.37	74.00	-21.63	peak
6	16471.000	31.94	20.03	51.97	74.00	-22.03	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

UNII-1 MID CHANNEL+ WIFI2.4G MID CHANNEL

7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	38.77	10.48	49.25	74.00	-24.75	peak
2	11730.000	35.63	15.32	50.95	74.00	-23.05	peak
3	13963.000	33.01	18.65	51.66	74.00	-22.34	peak
4	15602.000	33.46	18.05	51.51	74.00	-22.49	peak
5	16911.000	29.77	21.99	51.76	74.00	-22.24	peak
6	17340.000	28.25	23.12	51.37	74.00	-22.63	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

Note: All the test modes and combination have been considered. Only the worst data record in the report.

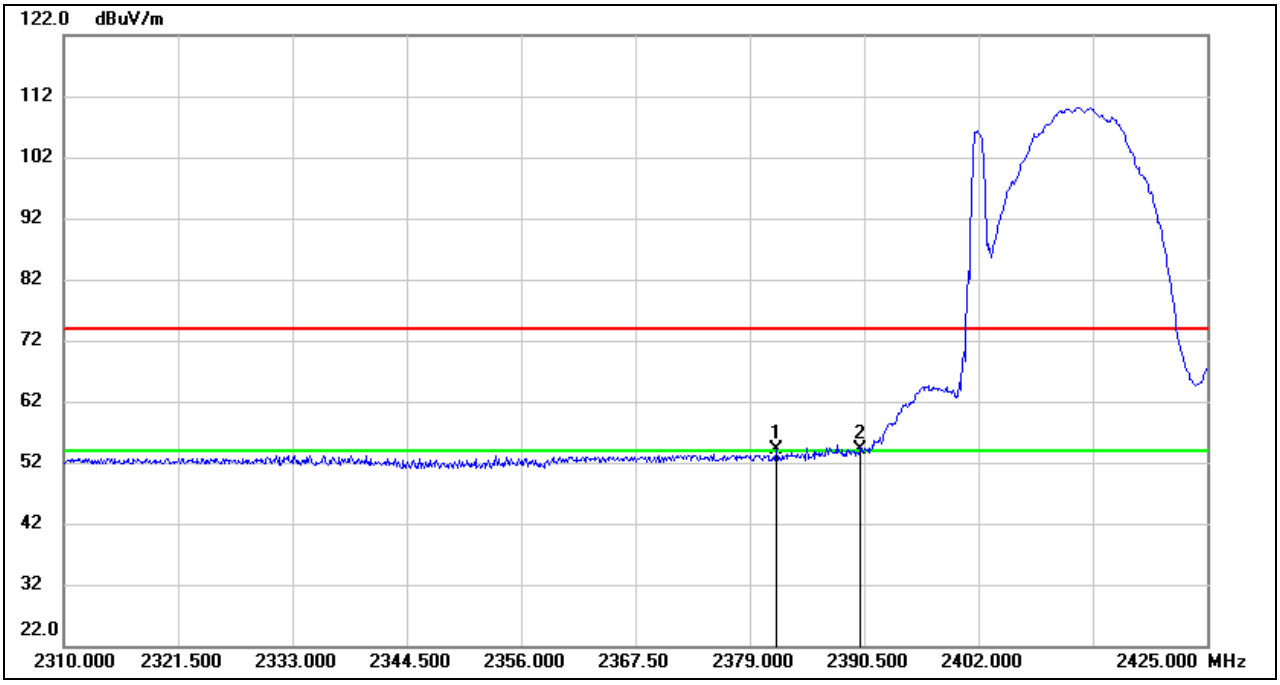
6.1.3. Condition 3

802.11b SISO ANT 0 MODE & BT ANT1 MODE

BANDEDGE (WORST-CASE CONFIGURATION, HORIZONTAL)

WIFI2.4G LOW CHANNEL+BT LOW CHANNEL

PEAK



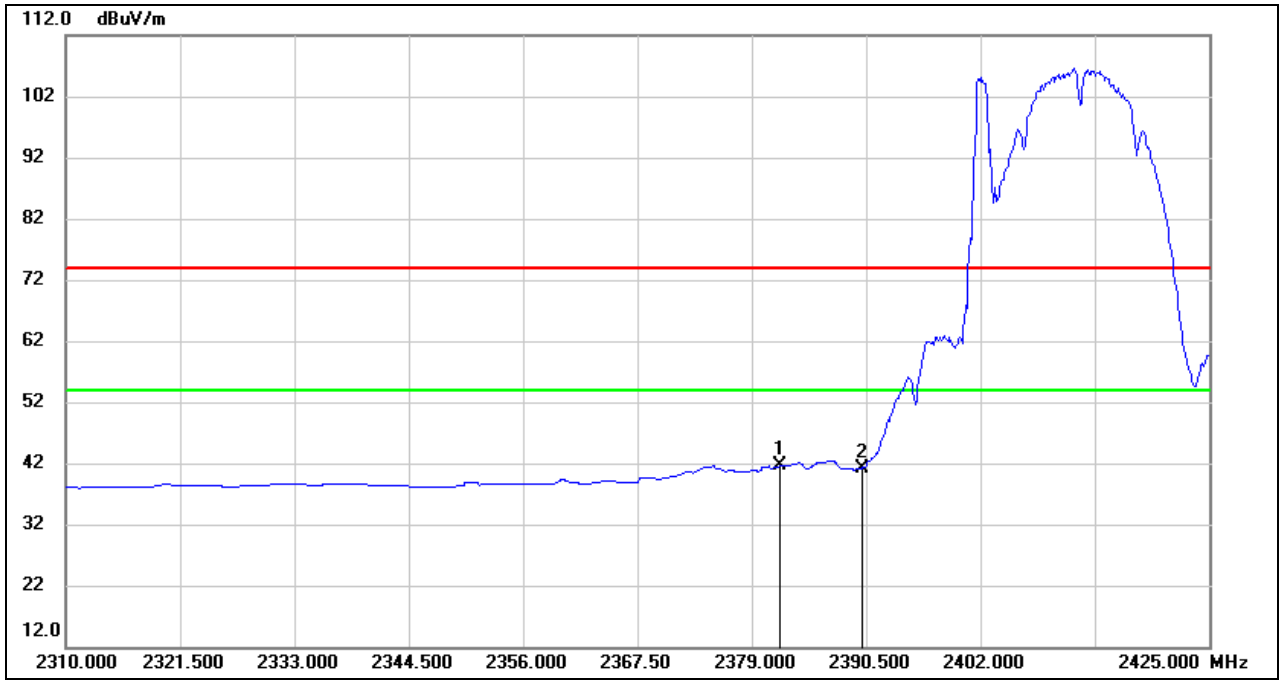
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2381.645	42.62	11.54	54.16	74.00	-19.84	peak
2	2390.000	42.56	11.59	54.15	74.00	-19.85	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

BANDEDGE (WORST-CASE CONFIGURATION, HORIZONTAL)

WIFI2.4G LOW CHANNEL+BT LOW CHANNEL

AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2381.645	29.99	11.54	41.53	54.00	-12.47	AVG
2	2390.000	29.64	11.59	41.23	54.00	-12.77	AVG

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

Note: Horizontal and Vertical have been tested, only the worst data was recorded in the report.

Note: Both band edge and radiated emission have been tested, but only the worst data was recorded in the report.

Note: All the test modes and combination have been considered. Only the worst data record in the report.

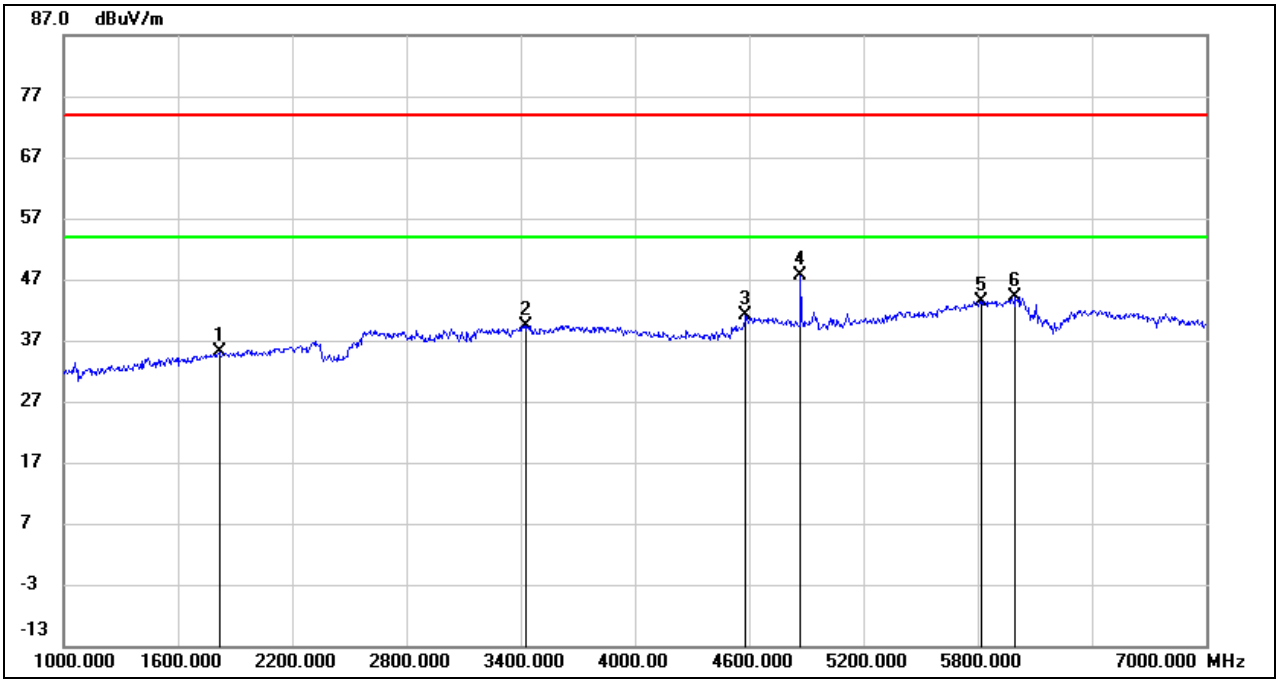
6.1.4. Condition 4

802.11a SISO ANT 0 MODE & BT ANT1 MODE

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

UNII-1 MID CHANNEL + BT MID CHANNEL

1-7GHz



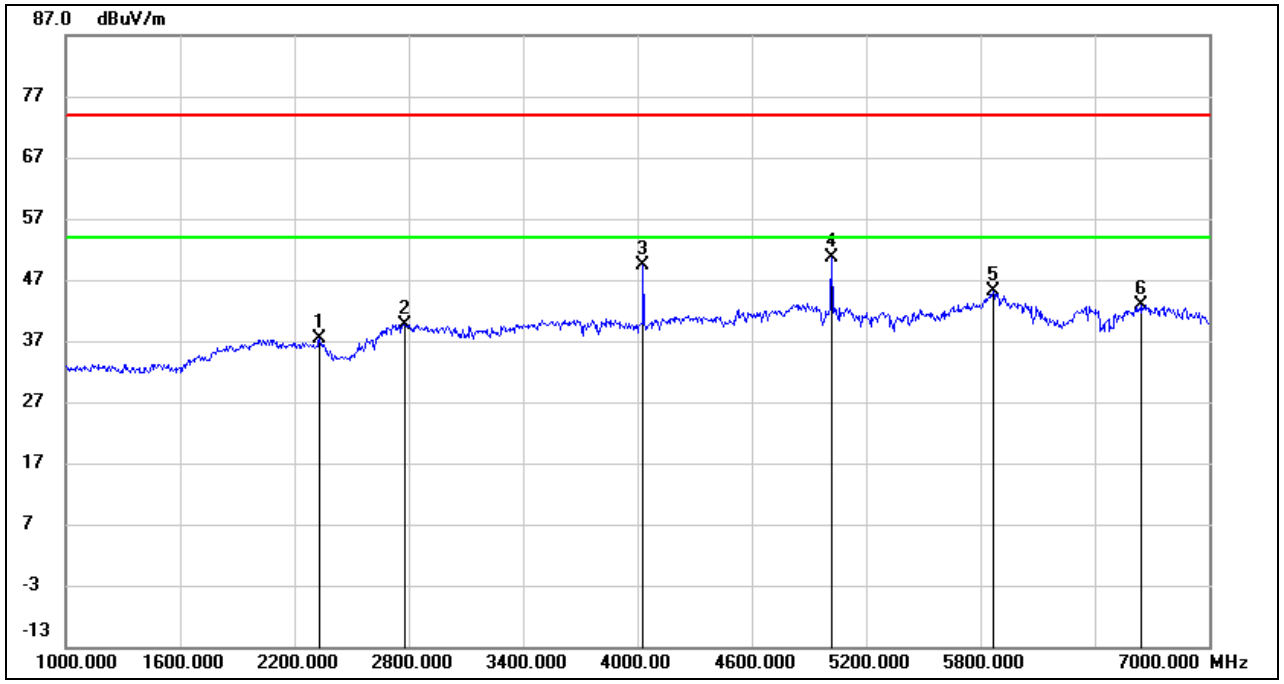
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1816.000	45.09	-10.06	35.03	74.00	-38.97	peak
2	3430.000	44.49	-4.99	39.50	74.00	-34.50	peak
3	4582.000	41.72	-0.69	41.03	74.00	-32.97	peak
4	4870.000	47.01	0.69	47.70	74.00	-26.30	peak
5	5818.000	40.91	2.57	43.48	74.00	-30.52	peak
6	5998.000	40.86	3.29	44.15	74.00	-29.85	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

UNII-1 MID CHANNEL + BT MID CHANNEL

1-7GHz



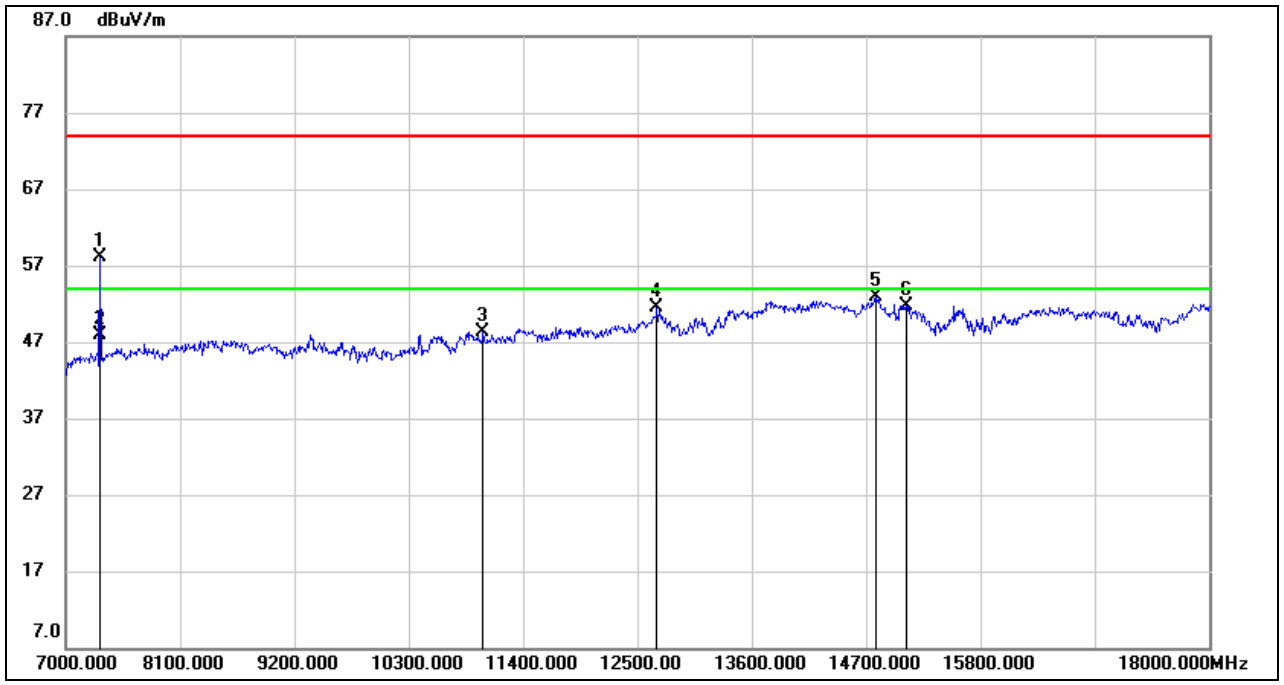
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	45.92	-8.61	37.31	74.00	-36.69	peak
2	2776.000	46.36	-6.72	39.64	74.00	-34.36	peak
3	4030.000	52.79	-3.32	49.47	74.00	-24.53	peak
4	5020.000	49.49	1.02	50.51	74.00	-23.49	peak
5	5866.000	42.26	2.77	45.03	74.00	-28.97	peak
6	6646.000	37.30	5.51	42.81	74.00	-31.19	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, HORIZONTAL)

UNII-1 MID CHANNEL + BT MID CHANNEL

7-18GHz



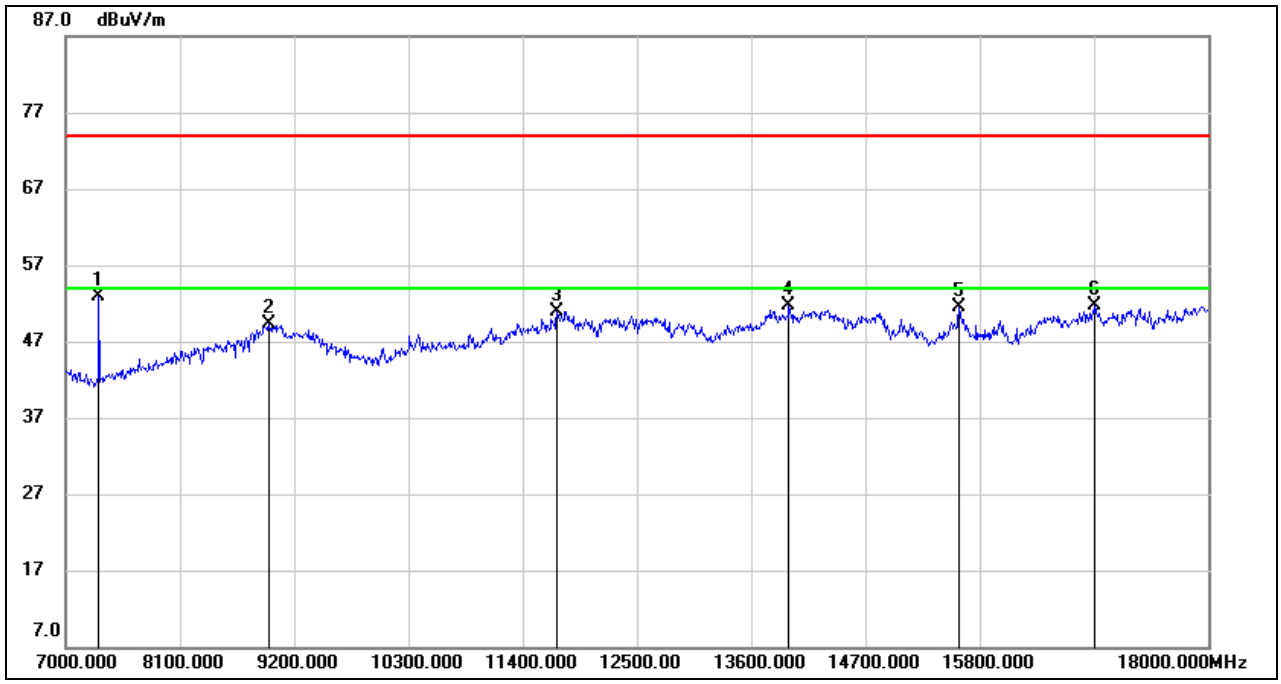
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7330.000	50.77	7.36	58.13	74.00	-15.87	peak
2	7330.000	40.63	7.36	47.99	54.00	-6.01	AVG
3	11015.000	34.92	13.38	48.30	74.00	-25.70	peak
4	12687.000	35.89	15.64	51.53	74.00	-22.47	peak
5	14788.000	34.24	18.63	52.87	74.00	-21.13	peak
6	15085.000	33.81	17.91	51.72	74.00	-22.28	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

SPURIOUS EMISSIONS (WORST-CASE CONFIGURATION, VERTICAL)

UNII-1 MID CHANNEL + BT MID CHANNEL

7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7319.000	45.59	7.27	52.86	74.00	-21.14	peak
2	8958.000	38.77	10.48	49.25	74.00	-24.75	peak
3	11730.000	35.63	15.32	50.95	74.00	-23.05	peak
4	13963.000	33.01	18.65	51.66	74.00	-22.34	peak
5	15602.000	33.46	18.05	51.51	74.00	-22.49	peak
6	16911.000	29.77	21.99	51.76	74.00	-22.24	peak

Note: 1. Peak Result = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

Note: All the test modes and combination have been considered. Only the worst data record in the report.

END OF REPORT