FCC Test Report

Equipment	:	**11ac Wireless Dual-Band USB Adapter**
Brand Name	:	**EDIMAX**
Model No.	:	**EW-7811UTC / EW-7811UAC / EW-7811DAC / GWU-H811UTC / GWU-H811UAC**
FCC ID	:	**NDD9578111305**
Standard	:	**47 CFR FCC Part 15.407**
Operating Band	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
FCC Classification	:	**UNII**
Applicant **Manufacturer**	:	**EDIMAX TECHNOLOGY CO., LTD.** No.3,Wu-Chuan 3rd Road,Wu-Ku Industrial Park, New Taipei City, Taiwan
Function	:	☐ **Outdoor AP;** ☐ **Indoor AP;** ☐ **Fixed P2P AP** ☒ **Portable Client**
Multiple Listing	:	**Please refer to section 1.1.1**

The product sample received on Aug. 15, 2013 and completely tested on Mar. 02, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:

Kevin Liang / Assistant Manager

Testing Laboratory
1190

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APPENDIX A. TEST PHOTOS

APPENDIX B. PHOTOGRAPHS OF EUT

Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
0	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	RF Output Power (Maximum Conducted Output Power)	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Transmitter Bandedge Emissions	Complied
3.6	15.407(b)	Transmitter Unwanted Emissions	Complied
3.7	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR380666AN	Rev. 01	Initial issue of report	Jan. 02, 2014
FR380666-14AN	Rev. 01	Update standard version ANSI C63.10-2009 to ANSI C63.10-2013 and add Band 4.	Mar. 15, 2016

1 General Description

1.1 Information

1.1.1 Table for Multiple Listing

Brand and models that are exactly the same EUT, products with different models only because of market segmentation.

NO.	Brand Name	Model Name
1	Edimax	EW-7811UTC, EW-7811UAC, EW-7811DAC, GWU-H811UTC, GWU-H811UAC
2	Rosewill	AC600UB (#33-166-105)

1.1.2 RF General Information

RF General Information (5150-5250MHz band)					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**RF Output Power (dBm)**
5150-5250	a	5180-5240	36-48 [4]	1	13.44
5150-5250	n (HT20)	5180-5240	36-48 [4]	1	13.94
5150-5250	n (HT40)	5190-5230	38-46 [2]	1	14.96
5150-5250	ac (VHT20)	5180-5240	36-48 [4]	1	13.85
5150-5250	ac (VHT40)	5190-5230	38-46 [2]	1	15.25
5150-5250	ac (VHT80)	5210	48 [1]	1	14.55
Note 1: RF output power specifies that Maximum Conducted Output Power. Note 2: 802.11a/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation. Note 3: 802.11ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.					

RF General Information (5725-5850MHz band)					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**RF Output Power (dBm)**
5725-5850	a	5745-5825	149-165 [5]	1	15.95
5725-5850	n (HT20)	5745-5825	149-165 [5]	1	15.84
5725-5850	n (HT40)	5755-5795	151-159 [2]	1	15.77
5725-5850	ac (VHT20)	5745-5825	149-165 [5]	1	15.99
5725-5850	ac (VHT40)	5755-5795	151-159 [2]	1	15.99
5725-5850	ac (VHT80)	5775	155 [1]	1	13.63
Note 1: RF output power specifies that Maximum Conducted Output Power. Note 2: 802.11a/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation. Note 3: 802.11ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.					

1.1.3 Antenna Information

Antenna Category	
☒	Integral antenna (antenna permanently attached)
	☒ Temporary RF connector provided
	☐ No temporary RF connector provided Transmit chains bypass antenna and soldered temporary RF connector provided for connected measurement. In case of conducted measurements the transmitter shall be connected to the measuring equipment via a suitable attenuator and correct for all losses in the RF path.
☒	External antenna (dedicated antennas)

Antenna General Information					
No.	**Ant. Cat.**	**Ant. Type**	**Part No.**	**Gain (dBi)**	**Model Name**
1	External	Dipole	RFA-25-C57F0-70B-10	6.00	EW-7811UAC, GWU-H811UAC
			EDA-1310-25GC1-A2	4.06	
2	Integral	PIFA	ALU120-222026	4.00	EW-7811UTC, GWU-H811UTC
3	External	Directional Antenna	RFA-25-7-ST73F0-10	7.10	EW-7811DAC

NOTE: The RF Conducted performed the worst configuration for higher gain was test in final test report.

1.1.4 Type of EUT

Identify EUT	
EUT Serial Number	N/A
Presentation of Equipment	☒ Production ; ☐ Pre-Production ; ☐ Prototype
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.: …
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.: …
☐	Other:

1.1.5 Test Signal Duty Cycle

Operated Mode for Worst Duty Cycle	
☐ Operated normally mode for worst duty cycle	
☒ Operated test mode for worst duty cycle	
Test Signal Duty Cycle (x)	**Power Duty Factor [dB] – (10 log 1/x)**
☒ 100% - IEEE 802.11a	0
☒ 100% - IEEE 802.11n (HT20)	0
☒ 100% - IEEE 802.11n (HT40)	0
☒ 100% - IEEE 802.11ac (VHT20)	0
☒ 100% - IEEE 802.11ac (VHT40)	0
☒ 100% - IEEE 802.11ac (VHT80)	0

1.1.6 EUT Operational Condition

Supply Voltage	☐ AC mains	☒ DC	
Type of DC Source	☐ Internal DC supply	☒ From System	☐ Battery

1.2 Support Equipment

(For 5150~5250 MHz)

Support Equipment - RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DoC
2	AC Adapter for Notebook	DELL	HA65NM130	DoC

Support Equipment - AC Conduction and Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DoC
2	AC Adapter for Notebook	DELL	LA65NS2-01	DoC

(For 5725~5850 MHz)

Support Equipment - RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5540	DoC
2	AC Adapter for Notebook	DELL	HA65NM130	DoC

Support Equipment - AC Conduction and Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5540	DoC
2	AC Adapter for Notebook	DELL	LA65NS2-01	DoC

1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2009
- ANSI C63.10-2013
- FCC KDB 789033 D02 v01
- FCC KDB 644545 D03 v01
- FCC-14-30A1-UNII

1.4 Testing Location Information

Testing Location					
☒	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-327-0973			
Test site registered number [636805] with FCC.					
Test Condition		**Test Site No.**	**Test Engineer**	**Test Environment**	
AC Conduction		CO04-HY	Zeus	24°C / 51%	
(For 5150~5250 MHz)					
RF Conducted		TH01-HY	Ian	21.9°C / 64%	
Radiated Emission		03CH02-HY	Spirit	24°C / 62%	
(For 5725~5850 MHz)					
RF Conducted		TH07-HY	Jason	24.5°C / 65%	
Radiated Emission		03CH03-HY	Ryan	23°C / 55%	

1.5 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Uncertainty		
Test Item		**Uncertainty**
AC power-line conducted emissions		±2.3 dB
Emission bandwidth, 26dB bandwidth		±0.5%
RF output power, conducted		±0.1 dB
Power density, conducted		±0.5 dB
Unwanted emissions, conducted	9 – 150 kHz	±0.4 dB
	0.15 – 30 MHz	±0.4 dB
	30 – 1000 MHz	±0.6 dB
	1 – 18 GHz	±0.5 dB
	18 – 40 GHz	±0.5 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.5 dB
	0.15 – 30 MHz	±2.3 dB
	30 – 1000 MHz	±2.6 dB
	1 – 18 GHz	±3.6 dB
	18 – 40 GHz	±3.8 dB
	40 – 200 GHz	N/A
Temperature		±0.8 ℃
Humidity		±5 %
DC and low frequency voltages		±0.9%
Time		±1.4 %
Duty Cycle		±0.5 %

2 Test Configuration of EUT

2.1 The Worst Case Modulation Configuration

Worst Modulation Used for Conformance Testing			
Modulation Mode	**Transmit Chains (N_{TX})**	**Data Rate / MCS**	**Worst Data Rate / MCS**
11a	1	6-54Mbps	6 Mbps
HT20	1	MCS 0-7	MCS 0
HT40	1	MCS 0-7	MCS 0
VHT20	1	MCS 0-8	MCS 0
VHT40	1	MCS 0-9	MCS 0
VHT80	1	MCS 0-9	MCS 0

2.2 The Worst Case Power Setting Parameter

The Worst Case Power Setting Parameter (5150-5250MHz band)							
Test Software Version	Realtek 11ac 8811A USB WLAN MP_ 0.0033.20130401						
Modulation Mode	**N_{TX}**	**Test Frequency (MHz)**					
		NCB: 20MHz			**NCB: 40MHz**		**NCB: 80MHz**
		5180	**5200**	**5240**	**5190**	**5230**	**5210**
11a	1	50	47	43	-	-	-
HT20	1	49	47	47	-	-	-
HT40	1	-	-	-	53	51	-
VHT20	1	49	46	44	-	-	-
VHT40	1	-	-	-	53	51	-
VHT80	1	-	-	-	-	-	49

The Worst Case Power Setting Parameter (5725-5850MHz band)							
Test Software Version	Realtek 11ac 8811A USB WLAN MP_ 0.0033.20130401						
Modulation Mode	**N_{TX}**	**Test Frequency (MHz)**					
		NCB: 20MHz			**NCB: 40MHz**		**NCB: 80MHz**
		5745	**5785**	**5825**	**5755**	**5795**	**5775**
11a	1	52	52	50	-	-	-
HT20	1	53	53	51	-	-	-
HT40	1	-	-	-	54	53	-
VHT20	1	53	52	52	-	-	-
VHT40	1	-	-	-	54	53	-
VHT80	1	-	-	-	-	-	49

2.3 The Worst Case Measurement Configuration

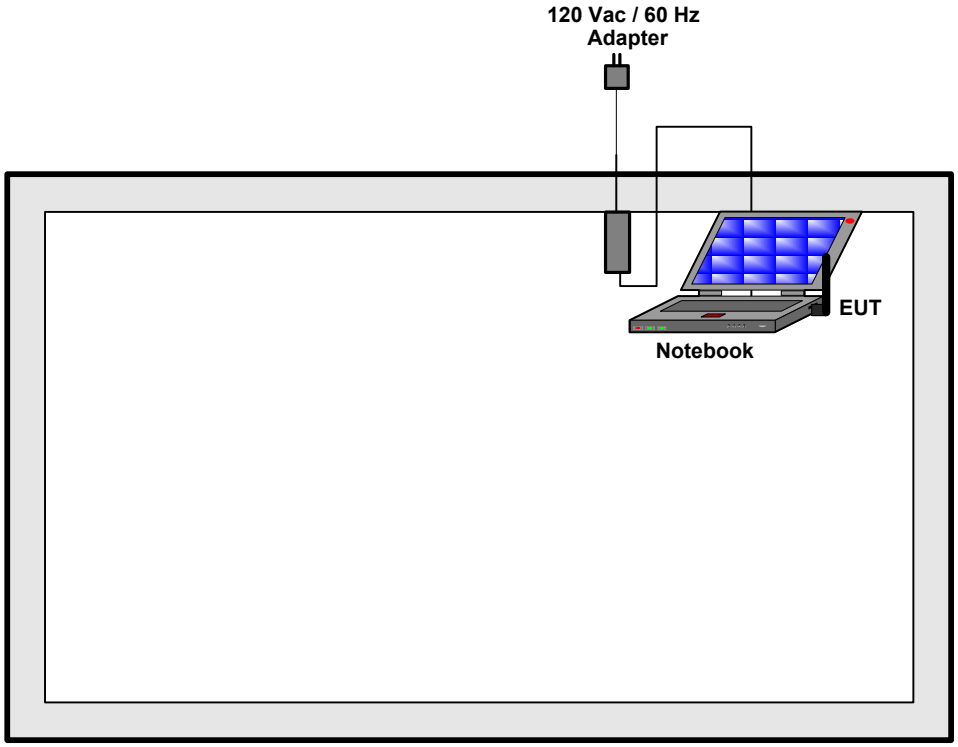
The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Operating Mode Description
1	Model Name EW-7811UAC, GWU-H811UAC (WiFi link)
2	Model Name EW-7811UTC, GWU-H811UTC (WiFi link)
3	Model Name EW-7811DAC (WiFi link)

The Worst Case Mode for Following Conformance Tests	
Tests Item	RF Output Power, Peak Power Spectral Density, Emission Bandwidth, Peak Excursion, Transmitter Conducted Unwanted Emissions Transmitter Conducted Bandedge Emissions
Test Condition	Conducted measurement at transmit chains
Modulation Mode	11a, HT20, HT40, VHT20, VHT40, VHT80

The Worst Case Mode for Following Conformance Tests			
Tests Item	Transmitter Radiated Unwanted Emissions Transmitter Radiated Bandedge Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
User Position	☐ EUT will be placed in fixed position.		
	☒ EUT will be placed in mobile position and operating multiple positions. EUT shall be performed three orthogonal planes.		
	☐ EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions. EUT shall be performed two or three orthogonal planes.		
Operating Mode	1. Model Name EW-7811UAC, GWU-H811UAC (WiFi link)		
	2. Model Name EW-7811UTC, GWU-H811UTC (WiFi link)		
	3. Model Name EW-7811DAC (WiFi link)		
Modulation Mode	11a, HT20, HT40, VHT20, VHT40, VHT80		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
Worst Planes of EUT	V		

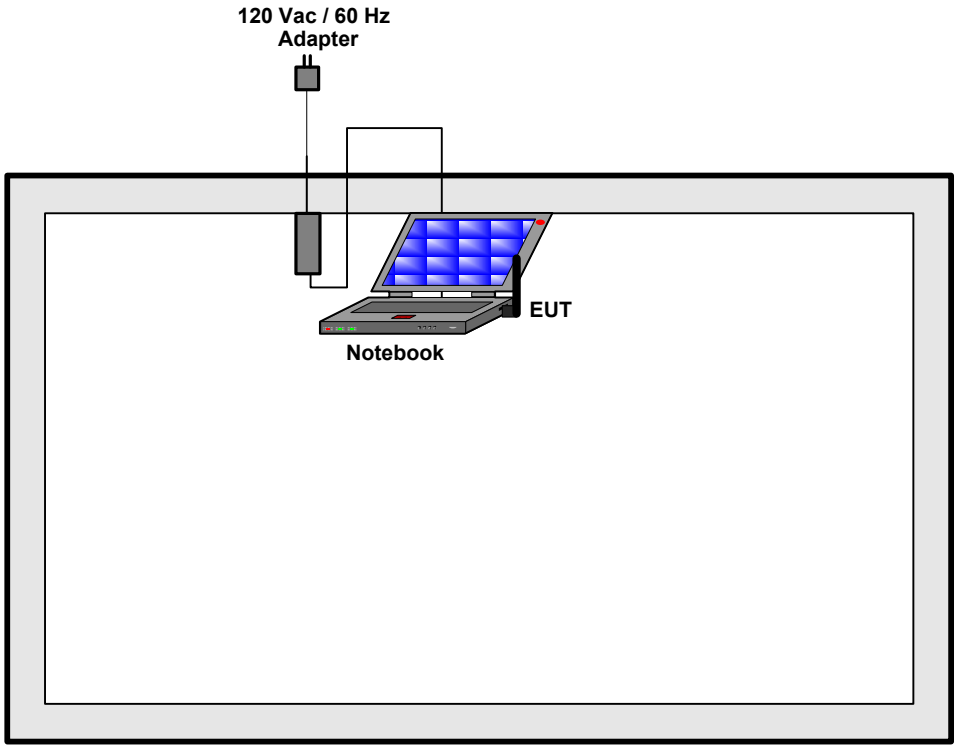
2.4 Test Setup Diagram

Test Setup Diagram - AC Line Conducted Emission Test

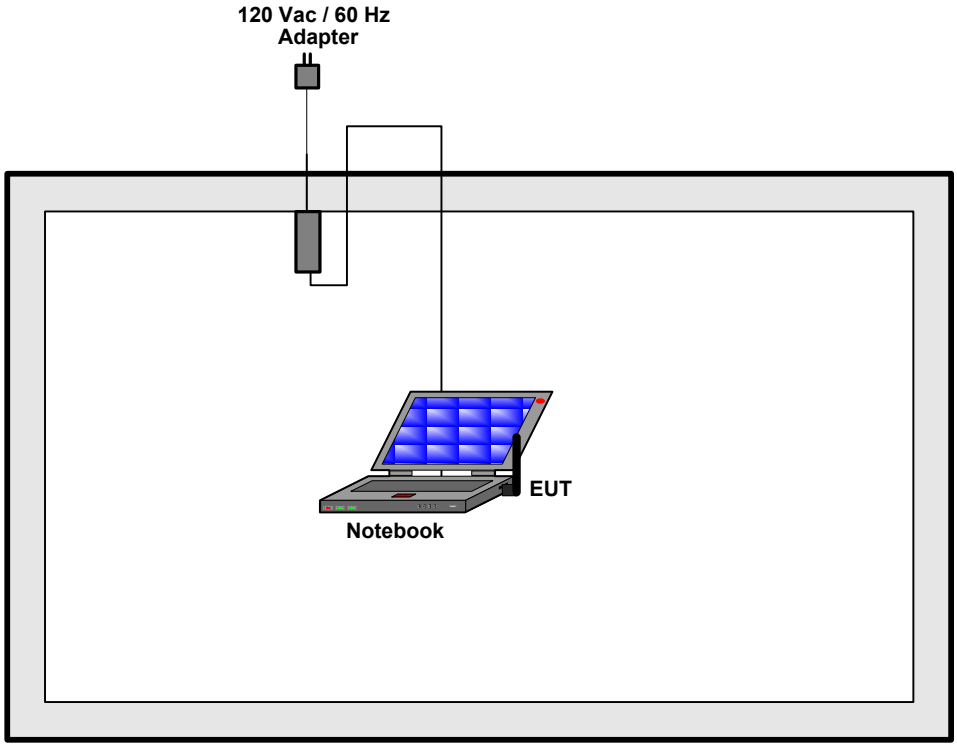


(For 5150~5250 MHz)

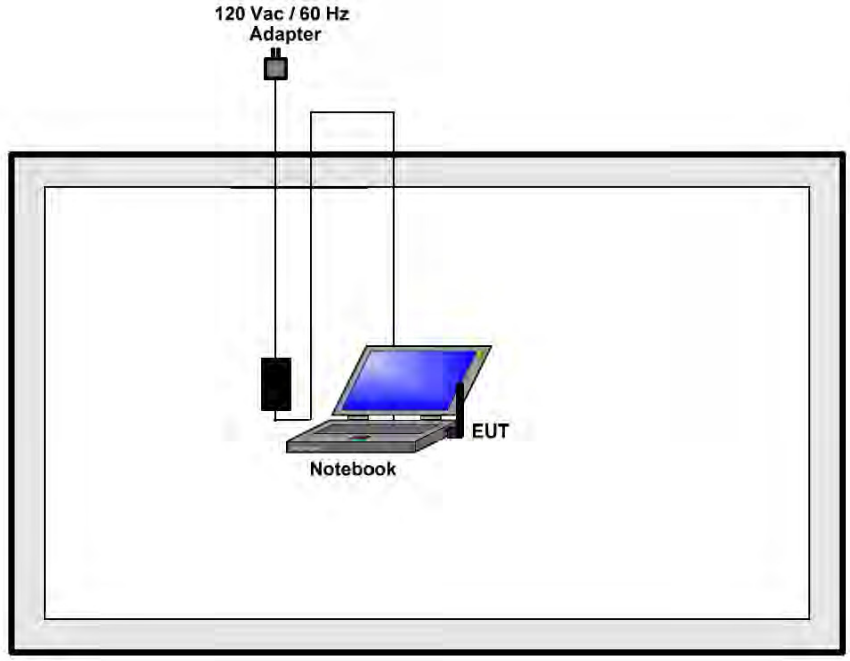
Test Setup Diagram - Radiated Below 1GHz Test



Test Setup Diagram - Radiated Above 1GHz Test



(For 5725~5850 MHz)
Test Setup Diagram - Radiated Test



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

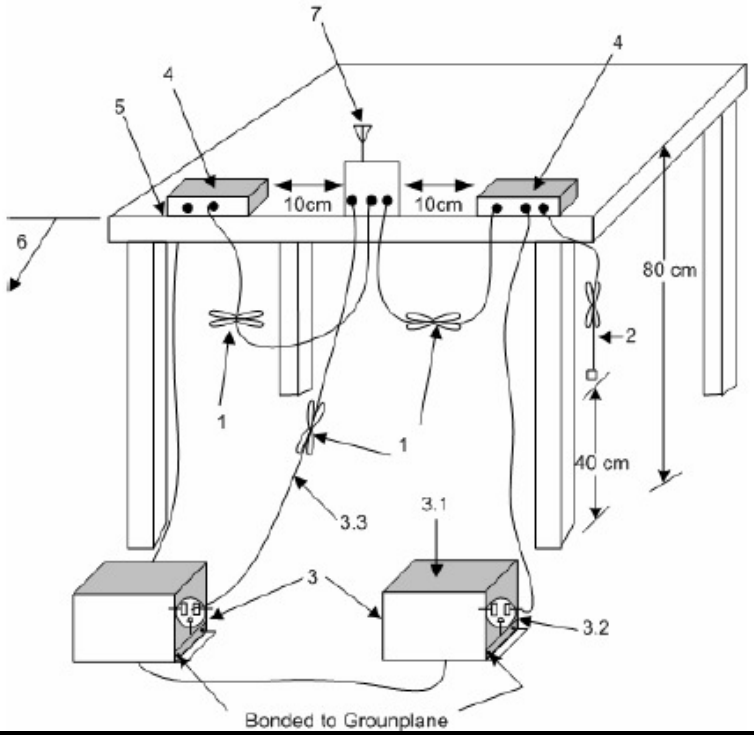
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

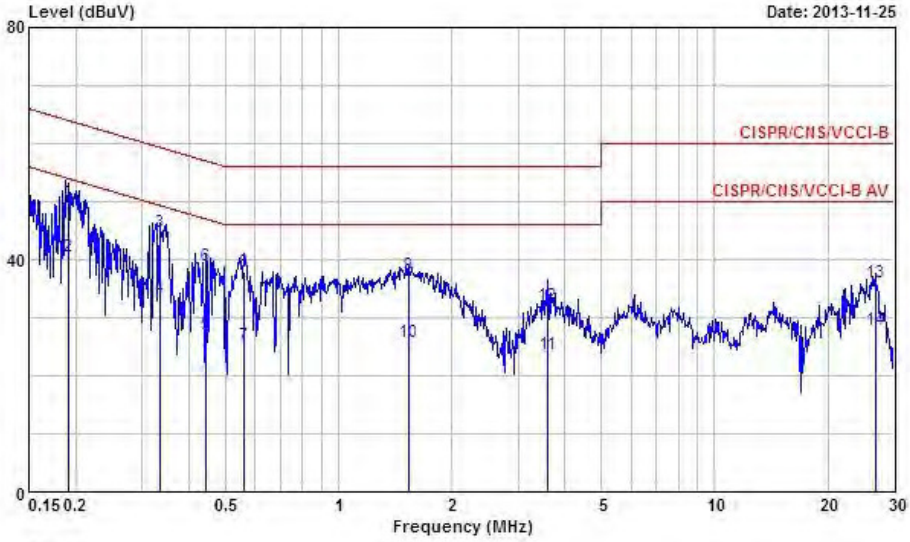
3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

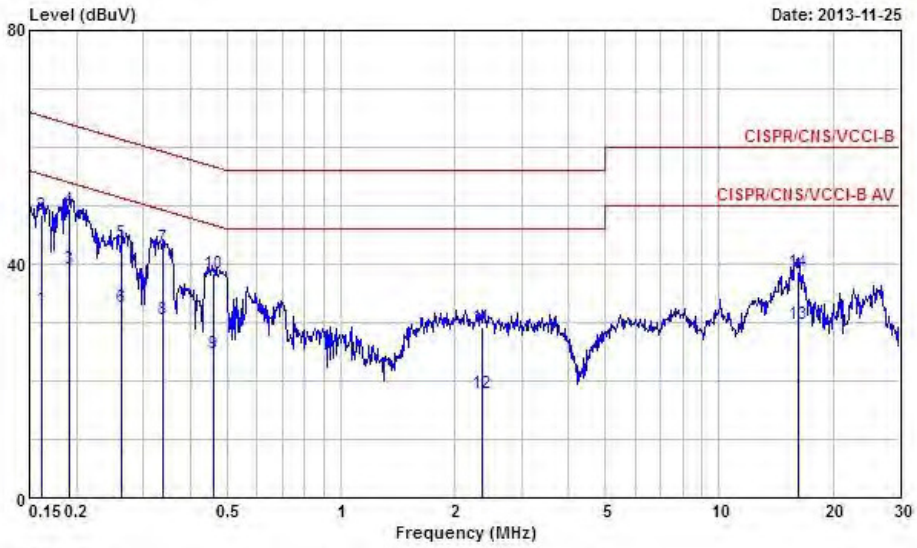
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Model Name EW-7811UAC, GWU-H811UAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	@0.1913990	49.97	-14.01	63.98	49.62	0.23	0.12	QP
2	@0.1913990	40.52	-13.46	53.98	40.17	0.23	0.12	Average
3	0.3338470	44.78	-14.57	59.35	44.46	0.22	0.10	QP
4	0.3338470	33.47	-15.88	49.35	33.15	0.22	0.10	Average
5	0.4444290	27.03	-19.95	46.98	26.70	0.22	0.11	Average
6	0.4444290	39.04	-17.94	56.98	38.71	0.22	0.11	QP
7	0.5581450	25.19	-20.81	46.00	24.83	0.22	0.14	Average
8	0.5581450	37.82	-18.18	56.00	37.46	0.22	0.14	QP
9	1.540	37.46	-18.54	56.00	36.96	0.24	0.26	QP
10	1.540	25.66	-20.34	46.00	25.16	0.24	0.26	Average
11	3.600	23.80	-22.20	46.00	23.30	0.28	0.22	Average
12	3.600	32.16	-23.84	56.00	31.66	0.28	0.22	QP
13	26.700	36.11	-23.89	60.00	35.39	0.68	0.04	QP
14	26.700	27.99	-22.01	50.00	27.27	0.68	0.04	Average

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

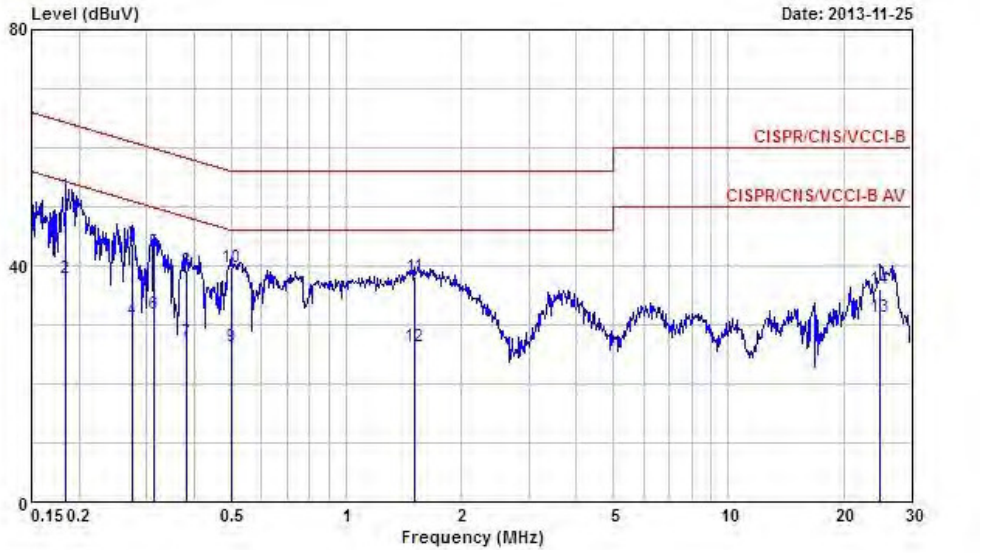
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Model Name EW-7811UAC, GWU-H811UAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1615500	32.33	-23.05	55.38	32.00	0.11	0.22	Average
2	0.1615500	48.36	-17.02	65.38	48.03	0.11	0.22	QP
3	0.1903870	39.11	-14.91	54.02	38.87	0.11	0.13	Average
4	0.1903870	49.41	-14.61	64.02	49.17	0.11	0.13	QP
5	0.2630270	43.81	-17.53	61.34	43.60	0.11	0.10	QP
6	0.2630270	32.69	-18.65	51.34	32.48	0.11	0.10	Average
7	0.3374030	42.99	-16.28	59.27	42.79	0.10	0.10	QP
8	0.3374030	30.59	-18.68	49.27	30.39	0.10	0.10	Average
9	0.4612220	24.80	-21.87	46.67	24.58	0.10	0.12	Average
10	0.4612220	38.30	-18.37	56.67	38.08	0.10	0.12	QP
11	2.360	29.20	-26.80	56.00	28.79	0.13	0.28	QP
12	2.360	18.00	-28.00	46.00	17.59	0.13	0.28	Average
13	16.140	29.85	-20.15	50.00	29.36	0.29	0.20	Average
14	16.140	38.56	-21.44	60.00	38.07	0.29	0.20	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

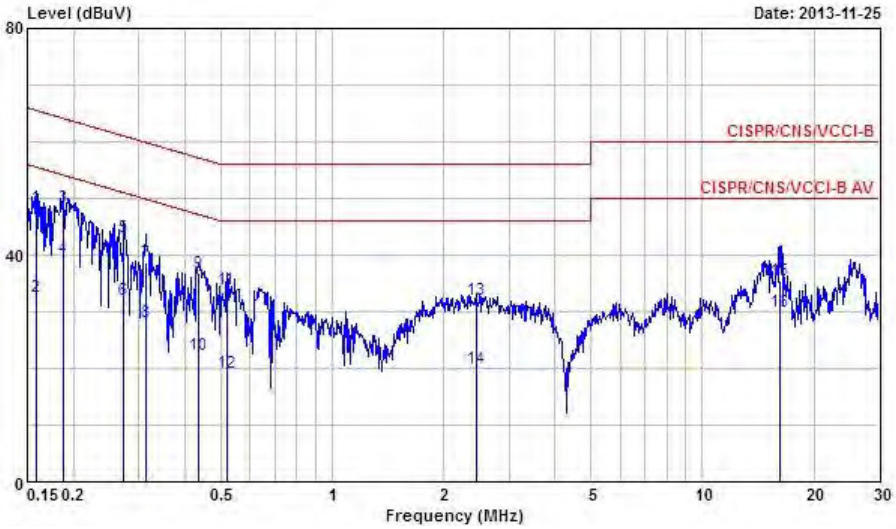
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Model Name EW-7811UTC, GWU-H811UTC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	@0.1844300	51.82	-12.46	64.28	51.44	0.23	0.15	QP
2	0.1844300	37.93	-16.35	54.28	37.55	0.23	0.15	Average
3	0.2758730	43.56	-17.38	60.94	43.23	0.23	0.10	QP
4	0.2758730	30.89	-20.05	50.94	30.56	0.23	0.10	Average
5	0.3149460	42.43	-17.41	59.84	42.11	0.22	0.10	QP
6	0.3149460	31.83	-18.01	49.84	31.51	0.22	0.10	Average
7	0.3831540	27.00	-21.21	48.21	26.68	0.22	0.10	Average
8	0.3831540	39.10	-19.11	58.21	38.78	0.22	0.10	QP
9	0.4993730	26.28	-19.73	46.01	25.94	0.22	0.12	Average
10	0.4993730	39.73	-16.28	56.01	39.39	0.22	0.12	QP
11	1.510	38.16	-17.84	56.00	37.66	0.24	0.26	QP
12	1.510	26.37	-19.63	46.00	25.87	0.24	0.26	Average
13	24.920	31.21	-18.79	50.00	30.55	0.65	0.01	Average
14	24.920	36.16	-23.84	60.00	35.50	0.65	0.01	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

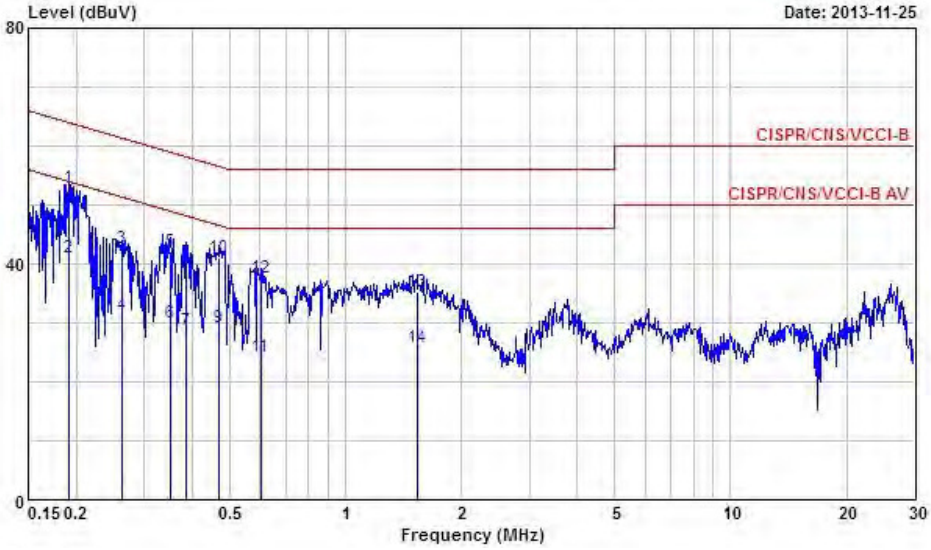
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Model Name EW-7811UTC, GWU-H811UTC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1581620	48.35	-17.21	65.56	48.00	0.11	0.24	QP
2	0.1581620	32.74	-22.82	55.56	32.39	0.11	0.24	Average
3	0.1883800	48.47	-15.64	64.11	48.23	0.11	0.13	QP
4	0.1883800	39.46	-14.65	54.11	39.22	0.11	0.13	Average
5	0.2729650	43.15	-17.88	61.03	42.94	0.11	0.10	QP
6	0.2729650	32.02	-19.01	51.03	31.81	0.11	0.10	Average
7	0.3132810	38.72	-21.16	59.88	38.52	0.10	0.10	QP
8	0.3132810	28.22	-21.66	49.88	28.02	0.10	0.10	Average
9	0.4351090	36.83	-20.32	57.15	36.62	0.10	0.11	QP
10	0.4351090	22.36	-24.79	47.15	22.15	0.10	0.11	Average
11	0.5182420	33.91	-22.09	56.00	33.68	0.10	0.13	QP
12	0.5182420	19.10	-26.90	46.00	18.87	0.10	0.13	Average
13	2.450	32.10	-23.90	56.00	31.69	0.14	0.27	QP
14	2.450	19.90	-26.10	46.00	19.49	0.14	0.27	Average
15	16.140	35.54	-24.46	60.00	35.05	0.29	0.20	QP
16	16.140	29.93	-20.07	50.00	29.44	0.29	0.20	Average

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

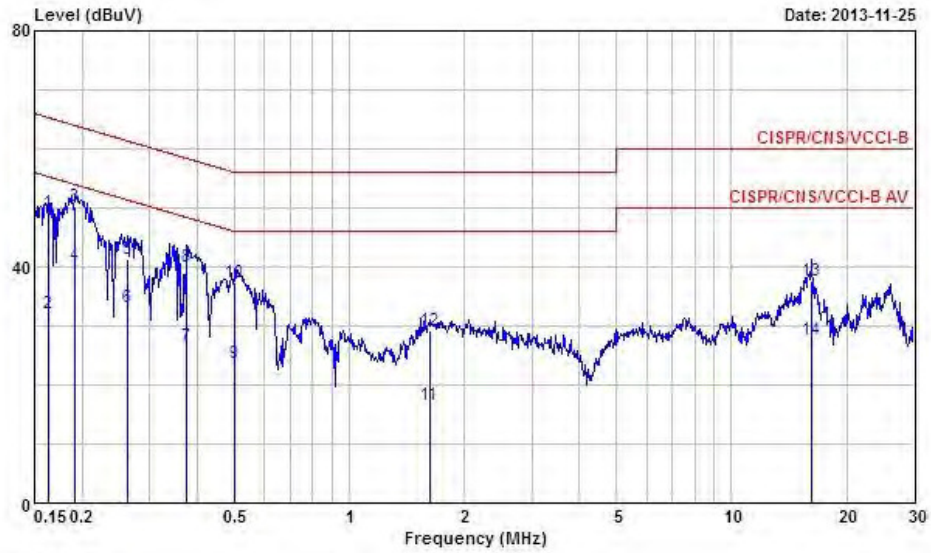
AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	Model Name EW-7811DAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	@0.1903870	52.77	-11.25	64.02	52.41	0.23	0.13	QP
2	@0.1903870	41.06	-12.96	54.02	40.70	0.23	0.13	Average
3	0.2616370	42.67	-18.71	61.38	42.34	0.23	0.10	QP
4	0.2616370	31.23	-20.15	51.38	30.90	0.23	0.10	Average
5	0.3501520	42.14	-16.82	58.96	41.82	0.22	0.10	QP
6	0.3501520	29.99	-18.97	48.96	29.67	0.22	0.10	Average
7	0.3872360	28.73	-19.39	48.12	28.41	0.22	0.10	Average
8	0.3872360	40.07	-18.05	58.12	39.75	0.22	0.10	QP
9	0.4711010	29.17	-17.32	46.49	28.83	0.22	0.12	Average
10	0.4711010	41.07	-15.42	56.49	40.73	0.22	0.12	QP
11	0.6011200	24.25	-21.75	46.00	23.89	0.22	0.14	Average
12	0.6011200	37.61	-18.39	56.00	37.25	0.22	0.14	QP
13	1.540	35.36	-20.64	56.00	34.86	0.24	0.26	QP
14	1.540	25.79	-20.21	46.00	25.29	0.24	0.26	Average

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Line
Operating Function	Model Name EW-7811DAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.1632710	49.20	-16.10	65.30	48.87	0.11	0.22	QP
2	0.1632710	32.10	-23.20	55.30	31.77	0.11	0.22	Average
3	@0.1913990	50.16	-13.82	63.98	49.93	0.11	0.12	QP
4	@0.1913990	40.27	-13.71	53.98	40.04	0.11	0.12	Average
5	0.2630270	41.38	-19.96	61.34	41.17	0.11	0.10	QP
6	0.2630270	33.05	-18.29	51.34	32.84	0.11	0.10	Average
7	0.3751190	26.62	-21.77	48.39	26.42	0.10	0.10	Average
8	0.3751190	40.07	-18.32	58.39	39.87	0.10	0.10	QP
9	0.5020260	23.60	-22.40	46.00	23.38	0.10	0.12	Average
10	0.5020260	37.35	-18.65	56.00	37.13	0.10	0.12	QP
11	1.620	16.67	-29.33	46.00	16.28	0.12	0.27	Average
12	1.620	29.13	-26.87	56.00	28.74	0.12	0.27	QP
13	16.230	37.70	-22.30	60.00	37.21	0.29	0.20	QP
14	16.230	27.66	-22.34	50.00	27.17	0.29	0.20	Average

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

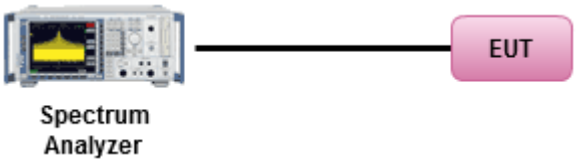
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

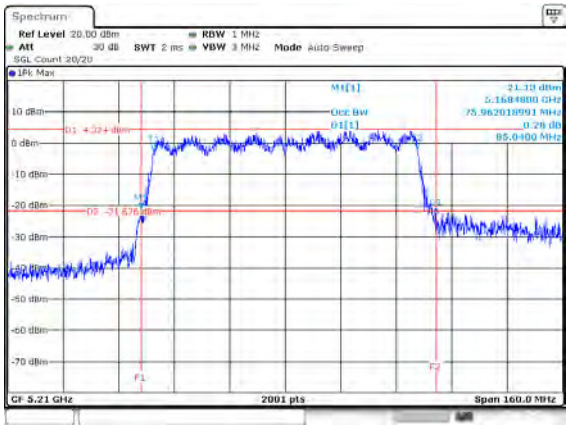
Test Method		
☒	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 6.6 for bandwidth testing.
☒	For conducted measurement.	
	☒	The EUT supports single transmit chain and measurements performed on this transmit chain.
	☐	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.
	☐	The EUT supports multiple transmit chains using options given below:
		☐ Option 1: Multiple transmit chains measurements need to be performed on one of the active transmit chains (antenna outputs). All measurement had be performed on transmit chains 1.
		☐ Option 2: Multiple transmit chains measurements need to be performed on each transmit chains individually (antenna outputs). All measurement had be performed on all transmit chains.

3.2.4 Test Setup

Emission Bandwidth


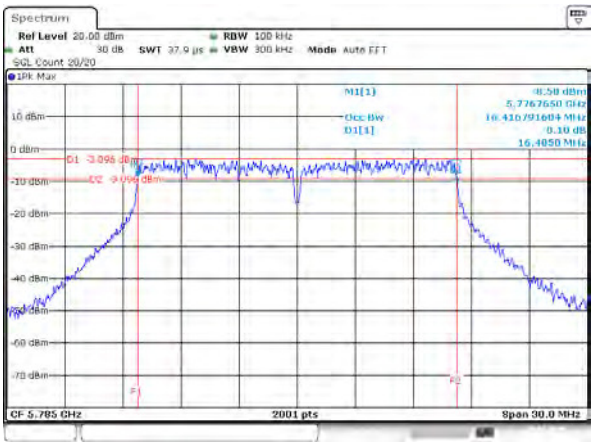
3.2.5 Test Result of Emission Bandwidth

UNII Emission Bandwidth Result (5150-5250MHz band)				
Condition			Emission Bandwidth (MHz)	
Modulation Mode	N_{TX}	Freq. (MHz)	99% Bandwidth	26dB Bandwidth
11a	1	5180	16.84	20.27
11a	1	5200	16.59	20.22
11a	1	5240	16.51	20.15
HT20	1	5180	18.01	21.05
HT20	1	5200	17.89	20.87
HT20	1	5240	17.84	20.72
HT40	1	5190	36.70	44.52
HT40	1	5230	36.86	46.48
VHT20	1	5180	17.74	20.77
VHT20	1	5200	18.01	22.07
VHT20	1	5240	17.71	20.57
VHT40	1	5190	36.98	49.64
VHT40	1	5230	36.90	46.60
VHT80	1	5210	75.96	85.04
Result			Complied	

5150-5250MHz - Worst Emission 26Bandwidth Plots


UNII Emission Bandwidth Result (5725-5850MHz band)				
Condition			Emission Bandwidth (MHz)	
Modulation Mode	N_{TX}	Freq. (MHz)	99% Bandwidth	6dB Bandwidth
11a	1	5745	16.49	16.56
11a	1	5785	16.41	16.48
11a	1	5825	16.47	16.51
HT20	1	5745	17.70	17.80
HT20	1	5785	17.60	17.64
HT20	1	5825	17.69	17.73
HT40	1	5755	36.22	36.48
HT40	1	5795	36.22	36.48
VHT20	1	5745	17.64	17.77
VHT20	1	5785	17.60	17.65
VHT20	1	5825	17.63	17.73
VHT40	1	5755	36.18	36.44
VHT40	1	5795	36.14	36.48
VHT80	1	5775	75.56	76.32
Limit			-	≥ 500 kHz
Result			Complied	

5725-5850MHz - Worst Emission 6Bandwidth Plots



3.3 RF Output Power

3.3.1 RF Output Power Limit

Maximum Conducted Output Power Limit		
UNII Devices		
☒	For the 5.15-5.25 GHz band:	
	☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	☒	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).	
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).	
☒	For the 5.725-5.85 GHz band:	
	☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

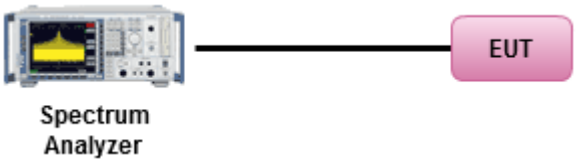
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
☒	Maximum Conducted Output Power
	[duty cycle ≥ 98% or external video / power trigger]
☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☐	Refer as FCC KDB 789033, clause E Method PM (using an RF average power meter).
☒	For conducted measurement.
☒	The EUT supports single transmit chain and measurements performed on this transmit chain.
☐	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.
☐	The EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
☐	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)



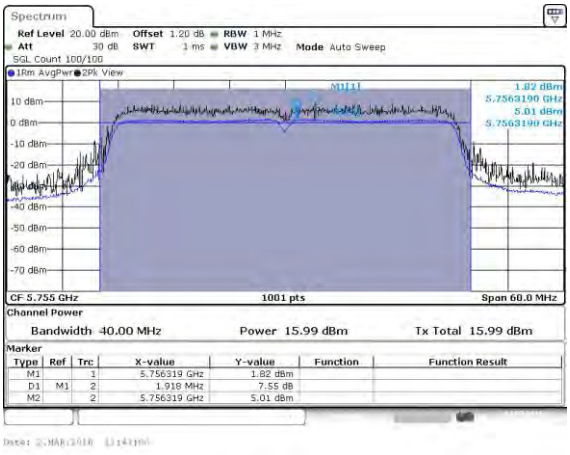
3.3.5 Test Result of Maximum Conducted Output Power

Maximum Conducted Output Power (5150-5250MHz band)					
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Output Power (dBm)**	**Antenna Gain (dBi)**	**Power Limit**
11a	1	5180	13.13	7.10	22.90
11a	1	5200	13.44	7.10	22.90
11a	1	5240	13.02	7.10	22.90
HT20	1	5180	13.80	7.10	22.90
HT20	1	5200	13.78	7.10	22.90
HT20	1	5240	13.94	7.10	22.90
HT40	1	5190	14.52	7.10	22.90
HT40	1	5230	14.96	7.10	22.90
VHT20	1	5180	13.85	7.10	22.90
VHT20	1	5200	13.51	7.10	22.90
VHT20	1	5240	13.61	7.10	22.90
VHT40	1	5190	15.06	7.10	22.90
VHT40	1	5230	15.25	7.10	22.90
VHT80	1	5210	14.55	7.10	22.90
Result			**Complied**		

5150-5250MHz - Worst RF Output Power Plots

Maximum Conducted Output Power (5725-5850MHz band)					
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Output Power (dBm)**	**Antenna Gain (dBi)**	**Power Limit**
11a	1	5745	15.95	7.10	28.90
11a	1	5785	15.74	7.10	28.90
11a	1	5825	14.93	7.10	28.90
HT20	1	5745	15.84	7.10	28.90
HT20	1	5785	15.71	7.10	28.90
HT20	1	5825	15.45	7.10	28.90
HT40	1	5755	15.62	7.10	28.90
HT40	1	5795	15.77	7.10	28.90
VHT20	1	5745	15.99	7.10	28.90
VHT20	1	5785	15.68	7.10	28.90
VHT20	1	5825	15.59	7.10	28.90
VHT40	1	5755	15.99	7.10	28.90
VHT40	1	5795	15.95	7.10	28.90
VHT80	1	5775	13.63	7.10	28.90
Result			**Complied**		

5725-5850MHz - Worst RF Output Power Plots



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit		
UNII Devices		
☒	For the 5.15-5.25 GHz band:	
	☐	Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	☐	Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	☐	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	☒	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).	
☒	For the 5.725-5.85 GHz band:	
	☒	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	☐	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

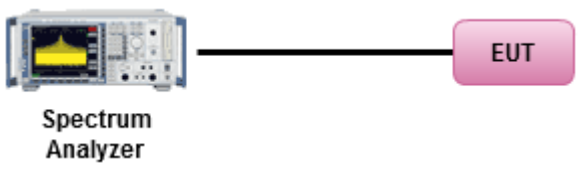
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
☒	Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
	☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☐	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.	
	☒	The EUT supports single transmit chain and measurements performed on this transmit chain.
	☐	The EUT supports diversity transmitting and the results on transmit chain port 1 is the worst case.
	☐	The EUT supports multiple transmit chains using options given below:
		☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
		☐ Option 2: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
	☐	Each individually PPSD plots refer as test report clause 3.3.5 with each individually PPSD plots.

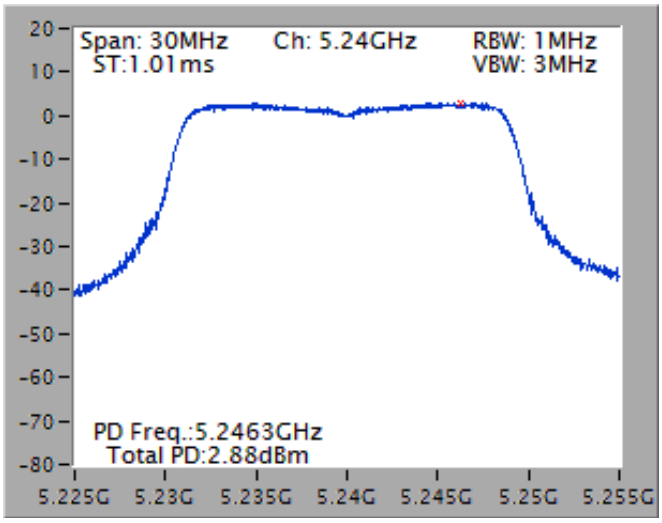
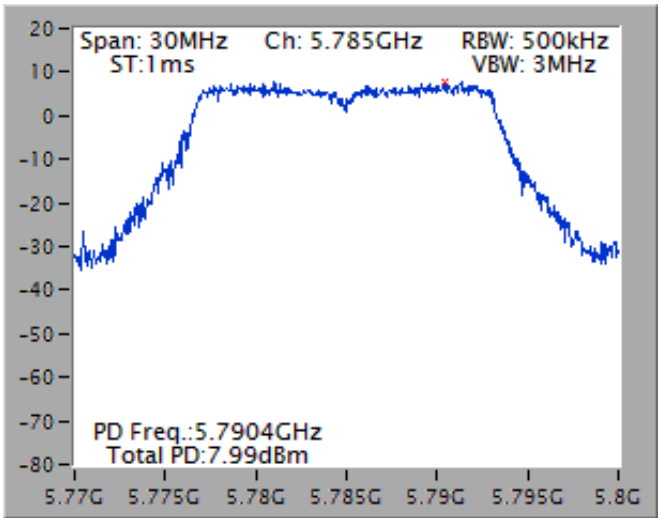
3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Peak Power Spectral Density Result (5150-5250MHz band)					
Modulation Mode	N_{TX}	Freq. (MHz)	Peak Power Spectral Density (dBm)	PSD Limit	Antenna Gain (dBi)
11a	1	5180	2.34	9.90	7.10
11a	1	5200	2.77	9.90	7.10
11a	1	5240	2.21	9.90	7.10
HT20	1	5180	2.79	9.90	7.10
HT20	1	5200	2.77	9.90	7.10
HT20	1	5240	2.88	9.90	7.10
HT40	1	5190	0.61	9.90	7.10
HT40	1	5230	1.02	9.90	7.10
VHT20	1	5180	2.86	9.90	7.10
VHT20	1	5200	2.48	9.90	7.10
VHT20	1	5240	2.55	9.90	7.10
VHT40	1	5190	0.88	9.90	7.10
VHT40	1	5230	1.13	9.90	7.10
VHT80	1	5210	-1.34	9.90	7.10
Result			Complied		

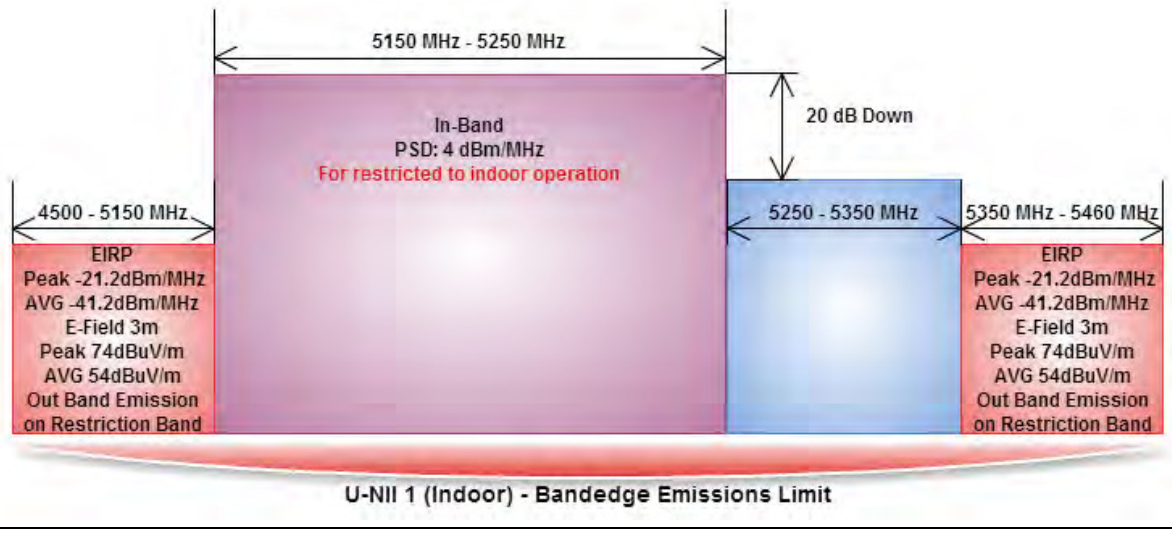
Peak Power Spectral Density Result (5725-5850MHz band)					
Modulation Mode	N_{TX}	Freq. (MHz)	Peak Power Spectral Density (dBm)	PSD Limit (500kHz)	Antenna Gain (dBi)
11a	1	5745	7.65	28.90	7.10
11a	1	5785	7.99	28.90	7.10
11a	1	5825	7.10	28.90	7.10
HT20	1	5745	7.52	28.90	7.10
HT20	1	5785	7.80	28.90	7.10
HT20	1	5825	6.65	28.90	7.10
HT40	1	5755	4.66	28.90	7.10
HT40	1	5795	4.53	28.90	7.10
VHT20	1	5745	7.64	28.90	7.10
VHT20	1	5785	7.79	28.90	7.10
VHT20	1	5825	7.18	28.90	7.10
VHT40	1	5755	4.92	28.90	7.10
VHT40	1	5795	4.65	28.90	7.10
VHT80	1	5775	-0.26	28.90	7.10
Result			Complied		

5150-5250MHz - Worst Power Spectral Density Plots

5725-5850MHz - Worst Power Spectral Density Plots


3.5 Transmitter Bandedge Emissions

3.5.1 Transmitter Radiated Bandedge Emissions Limit

Transmitter Radiated Bandedge Emissions Limit for Indoor: 5.15-5.25 GHz band



Refer as FCC KDB 789033, G)2)c)(i) specifying that if a non-restricted-band out-of-band emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm or -17 dBm peak emission limit. Reason for change: to ensure that emission requirements in the non-restricted bands are not more stringent than those in the restricted bands.

3.5.2 Measuring Instruments

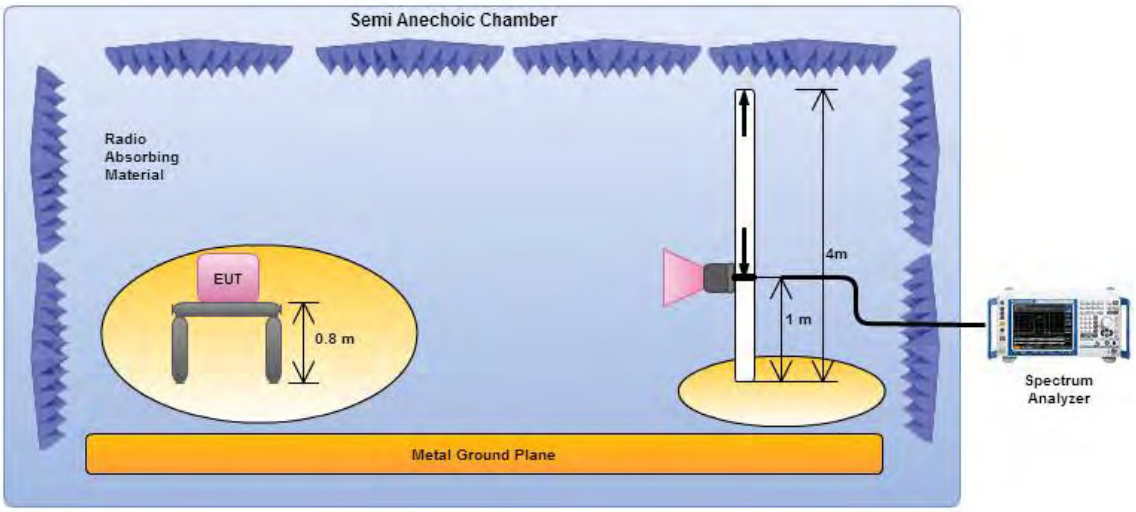
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
☒	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
☒	Refer as ANSI C63.10, clause 6.9.2.2 bandedge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
☐	If EUT operate in adjacent contiguous bands, bandedge testing performed at the lowest frequency channel at lower-band and highest frequency channel at higher-band. Transmitter in-band emissions will consist of adjacent contiguous bands (e.g., IEEE 802.11ac VHT160 The lowest frequency channel at lower-band and highest frequency channel at higher-band in-band emissions will consist of two adjacent contiguous bands.)
	☐ Operating in 5.15-5.25 GHz band (lower-band) and 5.25-5.35 GHz band (higher-band).
	☐ Operating in 5.47-5.725 GHz band (lower-band) and 5.725-5.825 GHz band (higher-band).
☐	If EUT operate in individual non-contiguous bands, bandedge testing performed at the lowest frequency channel and highest frequency channel within lower-band and higher-band. (e.g., (e.g., IEEE 802.11ac VHT160)
	☐ Operating in 5.25-5.35 GHz band (lower-band) and 5.47-5.725 GHz band (higher-band).
	☐ Operating in 5.15-5.25 GHz band (lower-band) and 5.725-5.825 GHz band (higher-band).
☒	For the transmitter unwanted emissions shall be measured using following options below:
	☒ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.
	☒ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
	☐ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
☒	For the transmitter bandedge emissions shall be measured using following options below:
	☐ Refer as FCC KDB 789033, clause H)3)d) for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	☒ Refer as ANSI C63.10, clause 6.9.2 for band-edge testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for marker-delta method for band-edge measurements.
☒	For radiated measurement, refer as ANSI C63.10, clause 6.6. Test distance is 1m.
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Measurements in the bandedge are typically made at a closer distance 1m, because the instrumentation noise floor is typically close to the radiated emission limit.

3.5.4 Test Setup

Transmitter Radiated Bandedge Emissions



Electric field tests shall be performed in transmitter bandedge emissions using a calibrated horn antenna.

3.5.5 Transmitter Radiated Bandedge Emissions (with Antenna)

Mode 1

U-NII 5150-5250MHz Transmitter Radiated Bandedge (with Antenna)										
Modulation Mode	N_{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Freq. (MHz) AV	Level (dBuV/m) AV	Limit (dBuV/m) AV	Pol.
11a	1	5180	1	5109.80	60.16	83.54	5100.00	55.43	63.54	V
11a	1	5240	1	5123.70	67.20	83.54	5112.90	55.06	63.54	V
HT20,M0-7	1	5180	1	5149.80	69.66	83.54	5150.00	55.60	63.54	V
HT20,M0-7	1	5240	1	5120.10	68.39	83.54	5116.20	54.91	63.54	V
HT40,M0-7	1	5190	1	5146.86	70.91	83.54	5146.97	56.72	63.54	V
HT40,M0-7	1	5230	1	5145.30	67.81	83.54	5149.80	55.07	63.54	V
VHT20,M0-8	1	5180	1	5144.80	68.97	83.54	5149.90	55.65	63.54	V
VHT20,M0-8	1	5240	1	5113.80	67.92	83.54	5117.40	55.09	63.54	V
VHT40,M0-9	1	5190	1	5146.53	73.16	83.54	5149.94	57.90	63.54	V
VHT40,M0-9	1	5230	1	5141.40	68.58	83.54	5105.70	55.07	63.54	V
VHT80,M0-9	1	5210	1	5145.45	70.15	83.54	5148.45	57.15	63.54	V
Note 1: Measurement worst emissions of receive antenna polarization.										

Mode 2

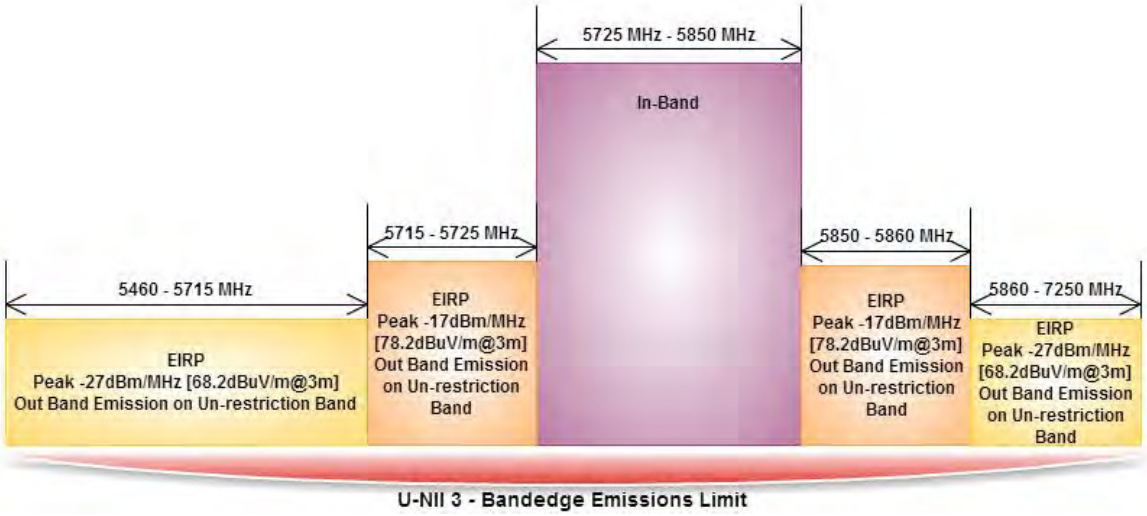
U-NII 5150-5250MHz Transmitter Radiated Bandedge (with Antenna)										
Modulation Mode	N_{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Freq. (MHz) AV	Level (dBuV/m) AV	Limit (dBuV/m) AV	Pol.
11a	1	5180	1	5126.30	68.09	83.54	5100.00	54.52	63.54	V
11a	1	5240	1	5118.90	67.70	83.54	5134.20	54.72	63.54	V
HT20,M0-7	1	5180	1	5123.50	70.17	83.54	5106.60	54.93	63.54	V
HT20,M0-7	1	5240	1	5140.20	68.05	83.54	5101.80	55.14	63.54	V
HT40,M0-7	1	5190	1	5135.86	68.36	83.54	5149.61	55.06	63.54	V
HT40,M0-7	1	5230	1	5102.10	68.20	83.54	5107.80	54.90	63.54	V
VHT20,M0-8	1	5180	1	5145.80	68.67	83.54	5100.60	54.83	63.54	V
VHT20,M0-8	1	5240	1	5139.00	67.81	83.54	5111.40	54.90	63.54	V
VHT40,M0-9	1	5190	1	5113.53	70.16	83.54	5149.50	57.04	63.54	V
VHT40,M0-9	1	5230	1	5105.40	70.43	83.54	5100.60	56.84	63.54	V
VHT80,M0-9	1	5210	1	5130.30	71.41	83.54	5148.30	58.22	63.54	V
Note 1: Measurement worst emissions of receive antenna polarization.										

Mode 3

U-NII 5150-5250MHz Transmitter Radiated Bandedge (with Antenna)										
Modulation Mode	N_{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Freq. (MHz) AV	Level (dBuV/m) AV	Limit (dBuV/m) AV	Pol.
11a	1	5180	1	5119.80	67.41	83.54	5100.00	54.55	63.54	H
11a	1	5240	1	5134.50	67.81	83.54	5103.30	54.05	63.54	H
HT20,M0-7	1	5180	1	5122.70	67.37	83.54	5100.30	54.89	63.54	H
HT20,M0-7	1	5240	1	5106.60	67.48	83.54	5106.60	54.85	63.54	H
HT40,M0-7	1	5190	1	5149.94	68.14	83.54	5143.89	54.86	63.54	H
HT40,M0-7	1	5230	1	5113.80	68.35	83.54	5100.90	54.84	63.54	H
VHT20,M0-8	1	5180	1	5100.00	68.06	83.54	5100.70	54.81	63.54	H
VHT20,M0-8	1	5240	1	5130.90	67.53	83.54	5100.90	54.82	63.54	H
VHT40,M0-9	1	5190	1	5144.22	67.71	83.54	5147.85	54.98	63.54	H
VHT40,M0-9	1	5230	1	5110.50	67.94	83.54	5139.00	54.84	63.54	H
VHT80,M0-9	1	5210	1	5120.25	68.28	83.54	5147.70	55.34	63.54	H
Note 1: Measurement worst emissions of receive antenna polarization.										

3.5.6 Transmitter Radiated Bandedge Emissions Limit

Transmitter Radiated Bandedge Emissions Limit for 5.8GHz band: 5.725-5.85 GHz band



Refer as FCC KDB 789033, G)2)c)(i) specifying that if a non-restricted-band out-of-band emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm or -17 dBm peak emission limit. Reason for change: to ensure that emission requirements in the non-restricted bands are not more stringent than those in the restricted bands.

3.5.7 Measuring Instruments

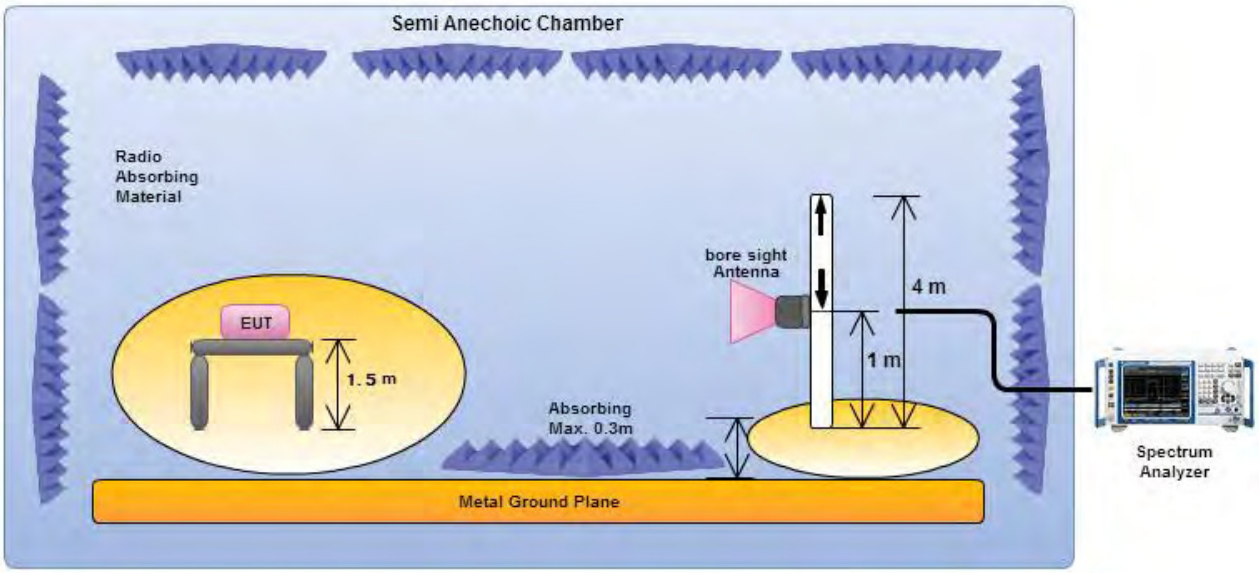
Refer a test equipment and calibration data table in this test report.

3.5.8 Test Procedures

Test Method	
☒	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
☒	Refer as ANSI C63.10, clause 6.10 bandedge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
☐	If EUT operate in adjacent contiguous bands, bandedge testing performed at the lowest frequency channel at lower-band and highest frequency channel at higher-band. Transmitter in-band emissions will consist of adjacent contiguous bands (e.g., IEEE 802.11ac VHT160 The lowest frequency channel at lower-band and highest frequency channel at higher-band in-band emissions will consist of two adjacent contiguous bands.)
	☐ Operating in 5.15-5.25 GHz band (lower-band) and 5.25-5.35 GHz band (higher-band).
	☐ Operating in 5.47-5.725 GHz band (lower-band) and 5.725-5.85 GHz band (higher-band).
☐	If EUT operate in individual non-contiguous bands, bandedge testing performed at the lowest frequency channel and highest frequency channel within lower-band and higher-band. (e.g., (e.g., IEEE 802.11ac VHT160)
	☐ Operating in 5.25-5.35 GHz band (lower-band) and 5.47-5.725 GHz band (higher-band).
	☐ Operating in 5.15-5.25 GHz band (lower-band) and 5.725-5.85 GHz band (higher-band).
☒	For the transmitter unwanted emissions shall be measured using following options below:
	☒ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.
	☒ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
	☐ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 4.1.4.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.4 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
☒	For the transmitter bandedge emissions shall be measured using following options below:
	☐ Refer as FCC KDB 789033, clause H)3)d) for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	☒ Refer as ANSI C63.10, clause 6.10 for band-edge testing.
	☐ Refer as ANSI C63.10, clause 6.10.6.2 for marker-delta method for band-edge measurements.
☒	For radiated measurement, refer as ANSI C63.10, clause 6.6. Test distance is 3m.
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Measurements in the bandedge are typically made at a closer distance 3m, because the instrumentation noise floor is typically close to the radiated emission limit.

3.5.9 Test Setup

Transmitter Radiated Bandedge Emissions



Electric field tests shall be performed in transmitter bandedge emissions using a calibrated horn antenna.

3.5.10 Transmitter Radiated Bandedge Emissions (with Antenna)

Mode 1

5725-5850MHz Transmitter Radiated Bandedge (with Antenna)							
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Measure Distance (m)**	**Freq. (MHz) PK**	**Level (dBuV/m) PK**	**Limit (dBuV/m) PK**	**Pol.**
11a	1	5745	3	5677.510	60.37	68.2	V
11a	1	5825	3	5876.740	59.66	68.2	V
HT20	1	5745	3	5697.460	60.42	68.2	V
HT20	1	5825	3	5863.720	60.04	68.2	V
HT40	1	5755	3	5715.000	65.38	68.2	V
HT40	1	5795	3	5899.300	60.68	68.2	V
VHT20	1	5745	3	5704.390	60.17	68.2	V
VHT20	1	5825	3	5913.280	60.28	68.2	V
VHT40	1	5755	3	5712.400	65.33	68.2	V
VHT40	1	5795	3	5861.800	60.16	68.2	V
VHT80	1	5775	3	5704.540	66.95	68.2	V
Note 1: Measurement worst emissions of receive antenna polarization.							

Mode 2

5725-5850MHz Transmitter Radiated Bandedge (with Antenna)							
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Measure Distance (m)**	**Freq. (MHz) PK**	**Level (dBuV/m) PK**	**Limit (dBuV/m) PK**	**Pol.**
11a	1	5745	3	5713.630	61.37	68.2	V
11a	1	5825	3	5861.620	61.01	68.2	V
HT20	1	5745	3	5714.995	63.08	68.2	V
HT20	1	5825	3	5882.620	58.96	68.2	V
HT40	1	5755	3	5711.880	61.84	68.2	V
HT40	1	5795	3	5872.600	59.28	68.2	V
VHT20	1	5745	3	5703.970	59.87	68.2	V
VHT20	1	5825	3	5879.050	59.11	68.2	V
VHT40	1	5755	3	5714.480	61.53	68.2	V
VHT40	1	5795	3	5863.600	59.72	68.2	V
VHT80	1	5775	3	5710.480	61.85	68.2	V
Note 1: Measurement worst emissions of receive antenna polarization.							

Mode 3

5725-5850MHz Transmitter Radiated Bandedge (with Antenna)							
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Measure Distance (m)**	**Freq. (MHz) PK**	**Level (dBuV/m) PK**	**Limit (dBuV/m) PK**	**Pol.**
11a	1	5745	3	5674.150	60.20	68.2	V
11a	1	5825	3	5905.930	60.47	68.2	V
HT20	1	5745	3	5703.760	61.05	68.2	V
HT20	1	5825	3	5862.880	59.54	68.2	V
HT40	1	5755	3	5681.460	59.59	68.2	V
HT40	1	5795	3	5898.400	59.33	68.2	V
VHT20	1	5745	3	5651.680	60.35	68.2	V
VHT20	1	5825	3	5900.050	59.31	68.2	V
VHT40	1	5755	3	5712.140	62.43	68.2	V
VHT40	1	5795	3	5862.100	59.92	68.2	V
VHT80	1	5775	3	5705.620	65.05	68.2	V
Note 1: Measurement worst emissions of receive antenna polarization.							

3.6 Transmitter Unwanted Emissions

3.6.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.715 5.725 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] 5.85 5.86 GHz: e.i.r.p. -17 dBm [78.2 dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.6.2 Measuring Instruments

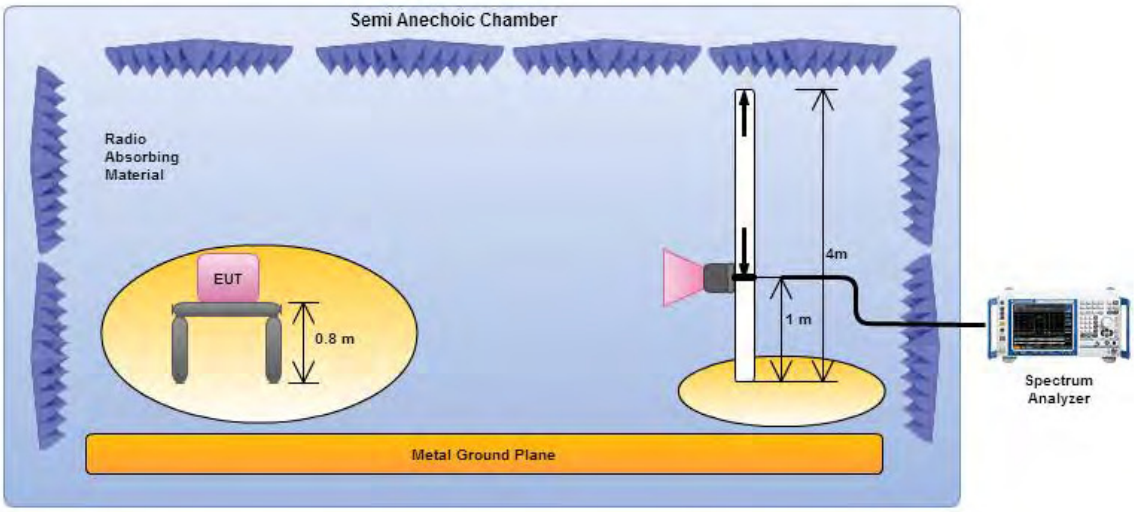
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures (For 5150-5250MHz)

Test Method			
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
☒	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
☒	For the transmitter unwanted emissions shall be measured using following options below:		
	☒	Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	☒	Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐	Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☐	Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☒	Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒	Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐	Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
☒	For radiated measurement.		
	☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	☒	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	☒	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m, above 5GHz and test distance is 1m.	
☒	The any unwanted emissions level shall not exceed the fundamental emission level.		
☒	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.6.4 Test Setup

Transmitter Radiated Unwanted Emissions



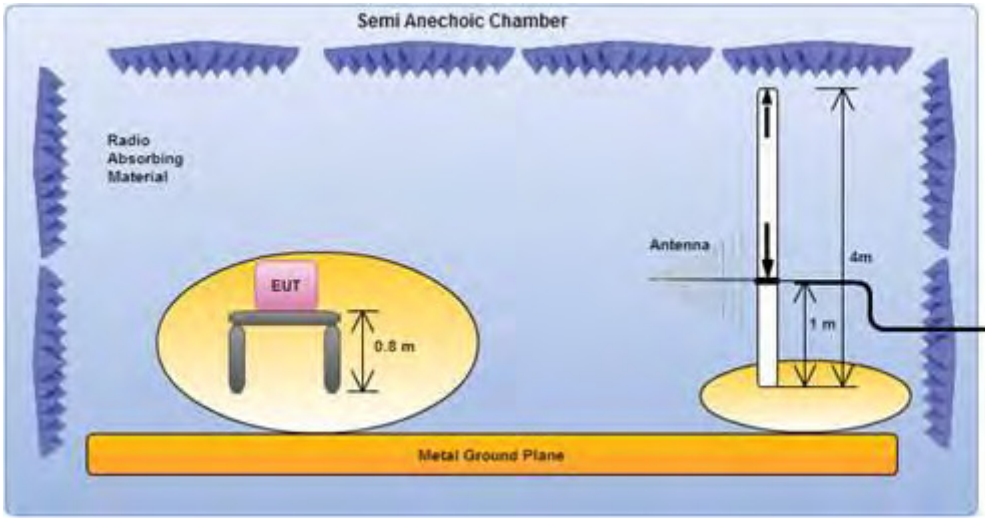
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna and the frequency range of 1 GHz to 40 GHz using a calibrated horn antenna.

3.6.5 Test Procedures (For 5725-5850MHz)

Test Method			
☒	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
☒	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
☒	For the transmitter unwanted emissions shall be measured using following options below:		
	☒	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	☒	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☐	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☒	Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
☒	For radiated measurement.		
	☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	☒	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	☒	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. For 1 GHz to 5 GHz, test distance is 3m; For 5 GHz to 40 GHz, test distance is 3m.	
☒	The any unwanted emissions level shall not exceed the fundamental emission level.		
☒	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

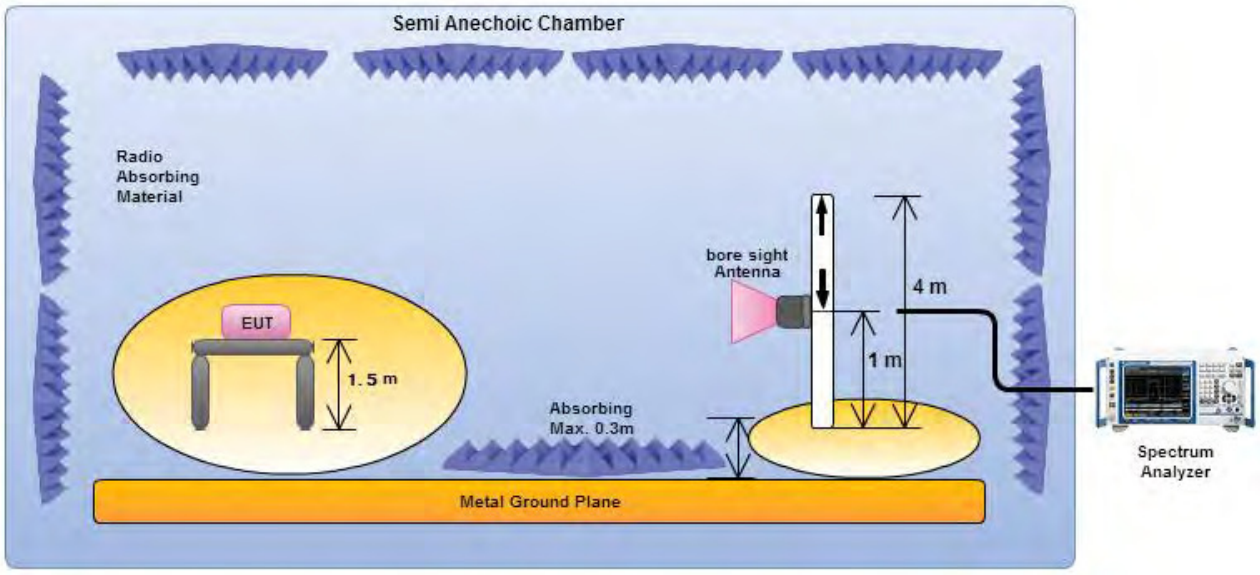
3.6.6 Test Setup

Transmitter Radiated Unwanted Emissions Below 1GHz



Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.

Transmitter Radiated Unwanted Emissions Above 1GHz



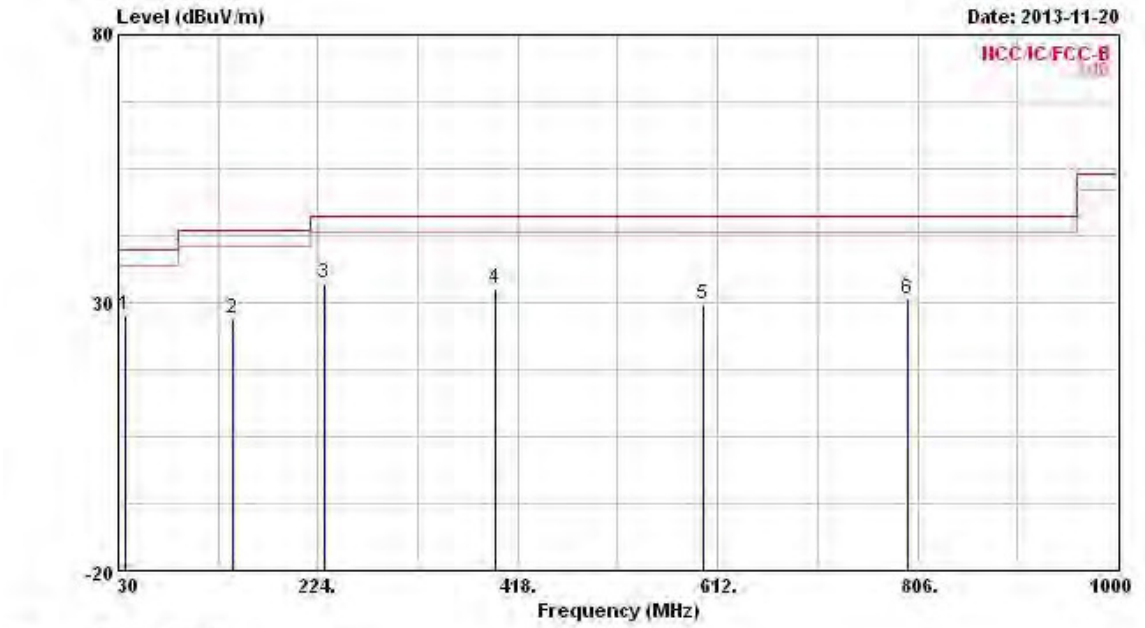
Electric field tests shall be performed in the frequency range of 1 GHz to 10th harmonic of highest fundamental frequency or 40 GHz using a calibrated horn antenna.

3.6.7 Transmitter Radiated Unwanted Emissions-with Antenna (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.6.8 Transmitter Radiated Unwanted Emissions (Below 1GHz)

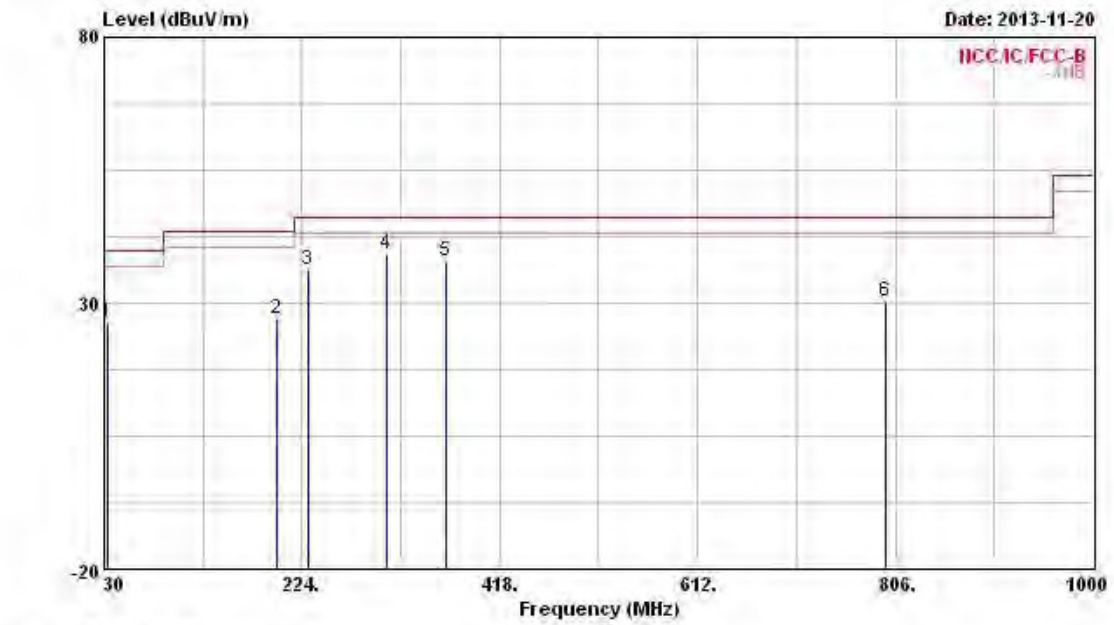
Radiated Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	V
Operating Function	Model Name EW-7811UAC, GWU-H811UAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	36.790	27.57	-12.43	40.00	39.47	14.97	0.83	27.70	Peak
2	141.550	27.07	-16.43	43.50	42.00	10.98	1.71	27.62	Peak
3	230.790	33.56	-12.44	46.00	48.27	10.36	2.27	27.34	Peak
4	396.660	32.63	-13.37	46.00	41.85	15.69	2.97	27.88	Peak
5	598.420	29.70	-16.30	46.00	35.83	18.69	3.68	28.50	Peak
6	797.270	30.52	-15.48	46.00	34.27	19.93	4.40	28.08	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

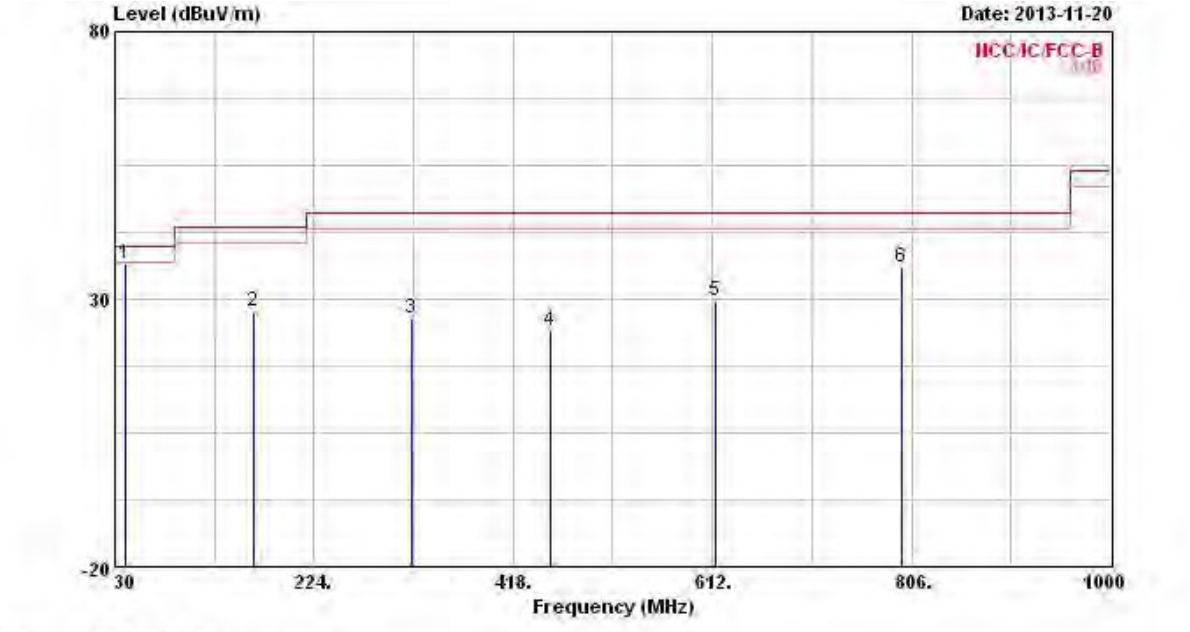
Radiated Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	H
Operating Function	Model Name EW-7811UAC, GWU-H811UAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	32.910	26.46	-13.54	40.00	36.31	17.11	0.79	27.75	Peak
2	198.780	27.09	-16.41	43.50	43.14	9.32	2.06	27.43	Peak
3	230.790	36.15	-9.85	46.00	50.86	10.36	2.27	27.34	Peak
4 @	307.420	39.36	-6.64	46.00	50.53	13.45	2.59	27.21	Peak
5 @	365.620	37.81	-8.19	46.00	47.71	14.88	2.87	27.65	Peak
6	796.300	30.29	-15.71	46.00	34.03	19.94	4.40	28.08	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

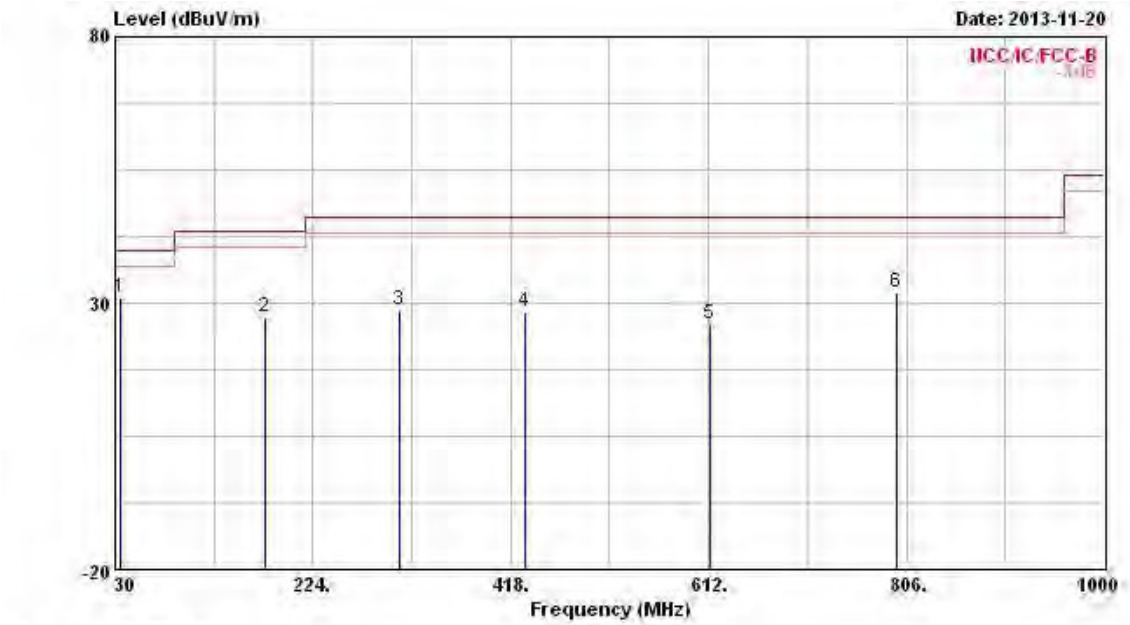
Radiated Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	V
Operating Function	Model Name EW-7811UTC, GWU-H811UTC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	39.700	36.64	-3.36	40.00	50.33	13.10	0.87	27.66	Peak
2	164.830	27.61	-15.89	43.50	43.38	9.95	1.82	27.54	Peak
3	319.060	26.33	-19.67	46.00	37.26	13.72	2.65	27.30	Peak
4	454.860	24.23	-21.77	46.00	32.19	17.04	3.19	28.19	Peak
5	614.910	29.69	-16.31	46.00	35.42	18.99	3.75	28.47	Peak
6	797.270	36.07	-9.93	46.00	39.82	19.93	4.40	28.08	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

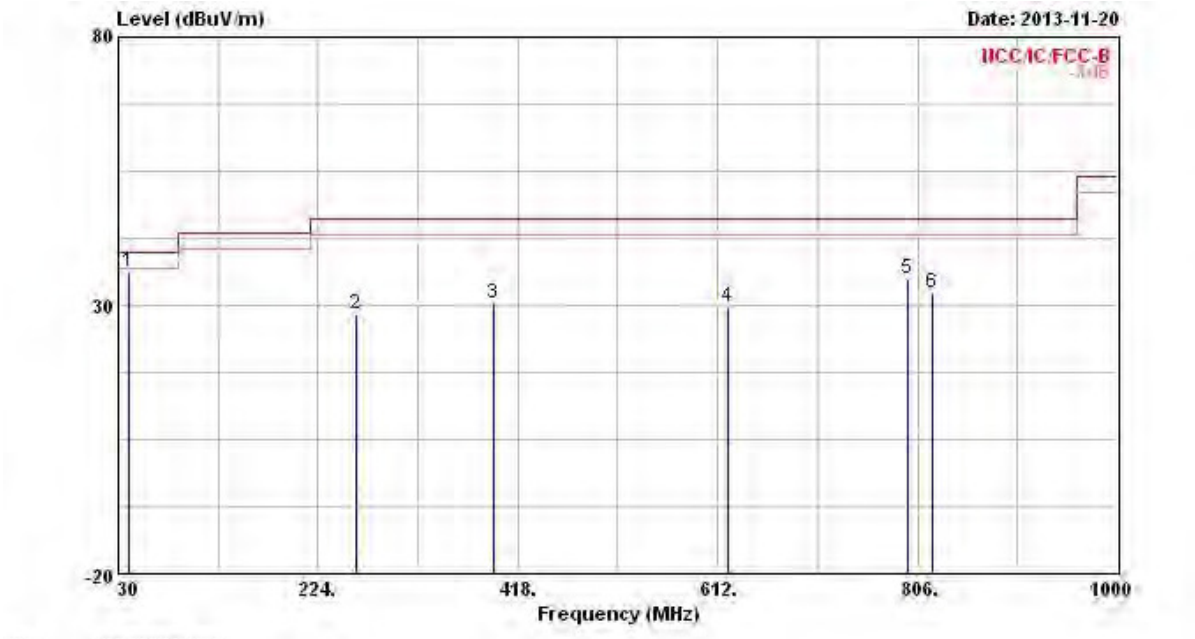
Radiated Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	H
Operating Function	Model Name EW-7811UTC, GWU-H811UTC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	34.850	30.84	-9.16	40.00	41.55	16.21	0.81	27.73	Peak
2	176.470	27.23	-16.27	43.50	43.20	9.61	1.92	27.50	Peak
3	308.390	28.64	-17.36	46.00	39.78	13.48	2.60	27.22	Peak
4	431.580	28.42	-17.58	46.00	36.67	16.72	3.10	28.07	Peak
5	613.940	26.21	-19.79	46.00	31.95	18.98	3.75	28.47	Peak
6	796.300	31.84	-14.16	46.00	35.58	19.94	4.40	28.08	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

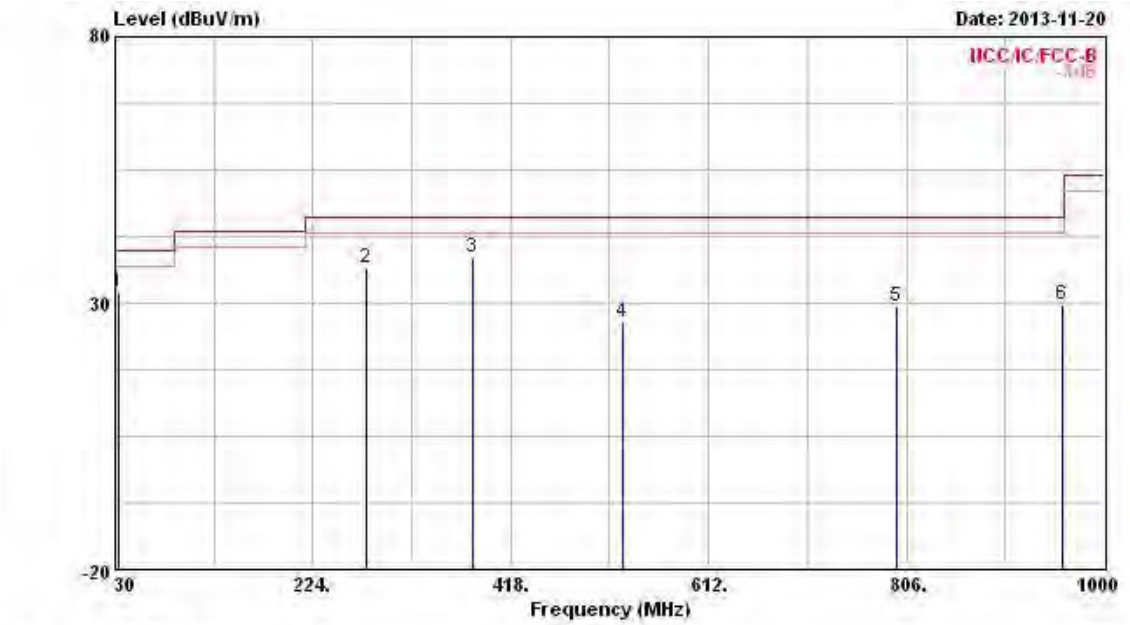
Radiated Emissions (Below 1GHz)			
Operating Mode	3	**Polarization**	V
Operating Function	Model Name EW-7811DAC (WiFi link)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	39.700	36.39	-3.61	40.00	50.08	13.10	0.87	27.66	Peak
2	260.860	28.35	-17.65	46.00	39.58	13.61	2.42	27.26	Peak
3	393.750	30.19	-15.81	46.00	39.51	15.57	2.96	27.85	Peak
4	622.670	29.71	-16.29	46.00	35.28	19.09	3.79	28.45	Peak
5 @	797.270	35.07	-10.93	46.00	38.82	19.93	4.40	28.08	Peak
6	820.550	32.18	-13.82	46.00	35.63	20.10	4.46	28.01	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Radiated Emissions (Below 1GHz)			
Operating Mode	3	**Polarization**	H
Operating Function	Model Name EW-7811DAC (WiFi link)		

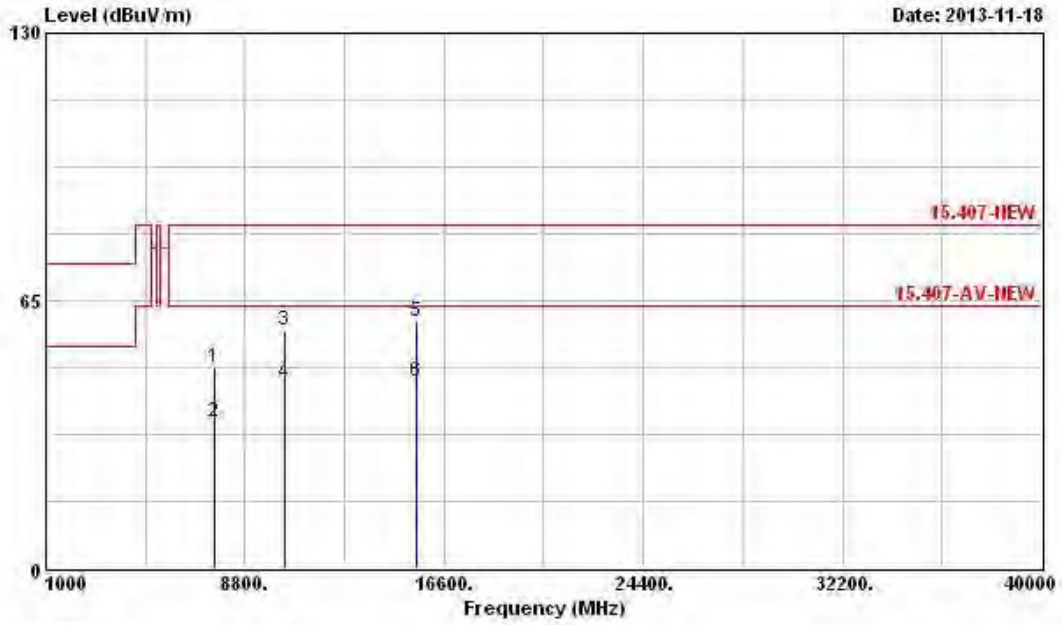


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	32.910	32.06	-7.94	40.00	41.91	17.11	0.79	27.75	Peak
2 @	276.380	36.67	-9.33	46.00	48.49	12.93	2.47	27.22	Peak
3 @	381.140	38.50	-7.50	46.00	48.22	15.12	2.92	27.76	Peak
4	528.580	26.22	-19.78	46.00	33.49	17.70	3.49	28.46	Peak
5	796.300	29.46	-16.54	46.00	33.20	19.94	4.40	28.08	Peak
6	959.260	29.56	-16.44	46.00	31.43	20.97	4.85	27.69	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

3.6.9 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5150-5250MHz

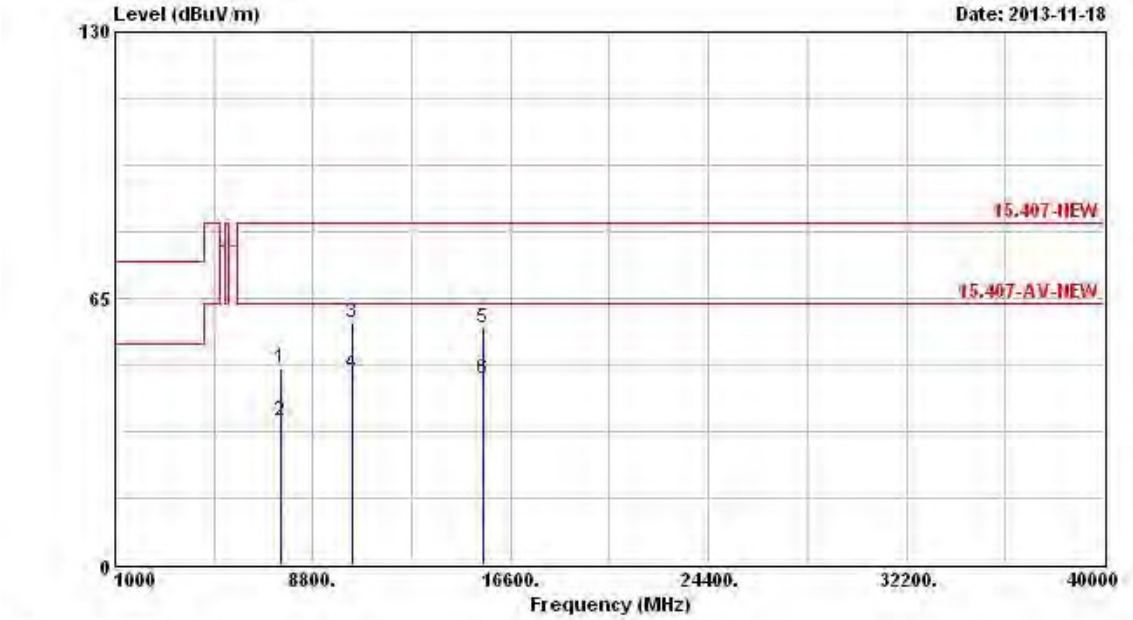
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7590.000	48.56	-34.98	83.54	42.64	35.30	5.64	35.02	Peak
2	7590.000	35.33	-28.21	63.54	29.41	35.30	5.64	35.02	Average
3	10360.000	57.53	-26.01	83.54	48.68	37.52	6.38	35.05	Peak
4	10360.000	44.90	-18.64	63.54	36.05	37.52	6.38	35.05	Average
5	15540.000	59.83	-23.71	83.54	46.24	40.43	7.99	34.83	Peak
6	15540.000	45.47	-18.07	63.54	31.88	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

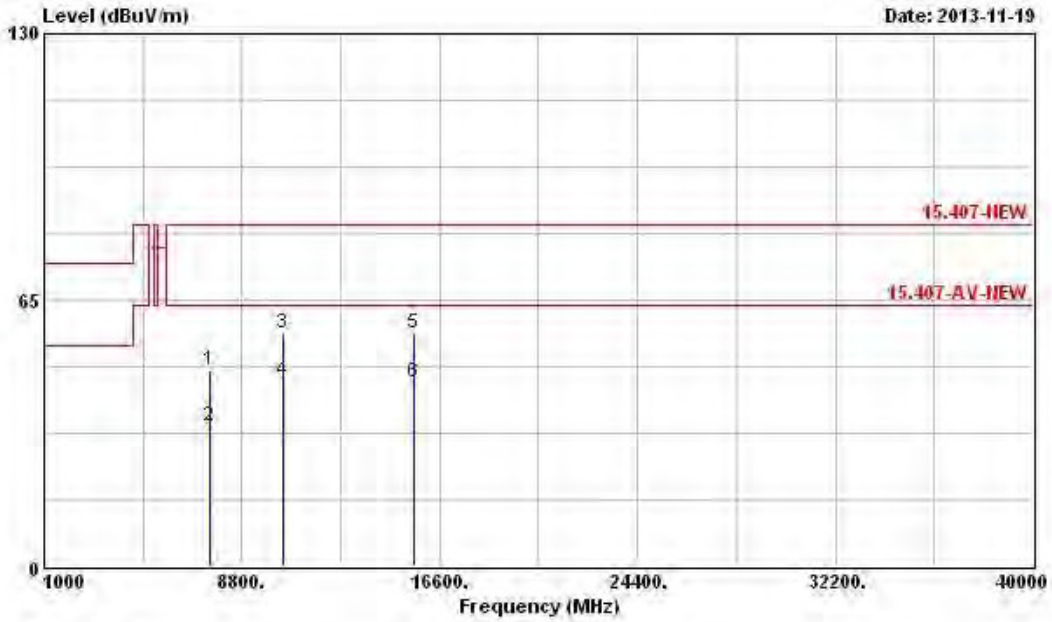
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7540.000	48.10	-35.44	83.54	42.12	35.30	5.68	35.00	Peak
2	7540.000	35.02	-28.52	63.54	29.04	35.30	5.68	35.00	Average
3	10360.000	59.20	-24.34	83.54	50.35	37.52	6.38	35.05	Peak
4	10360.000	46.70	-16.84	63.54	37.85	37.52	6.38	35.05	Average
5	15540.000	57.59	-25.95	83.54	44.00	40.43	7.99	34.83	Peak
6	15540.000	45.29	-18.25	63.54	31.70	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

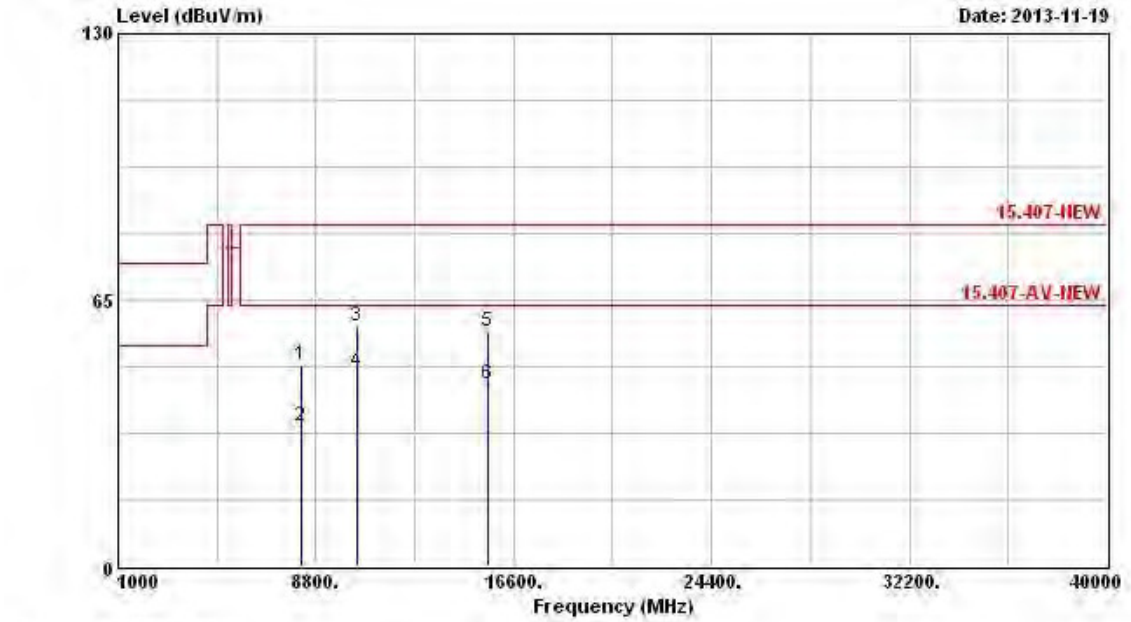
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7510.000	48.01	-35.53	83.54	41.99	35.30	5.71	34.99	Peak
2	7510.000	34.29	-29.25	63.54	28.27	35.30	5.71	34.99	Average
3	10400.000	56.80	-26.74	83.54	47.91	37.54	6.35	35.00	Peak
4	10400.000	45.34	-18.20	63.54	36.45	37.54	6.35	35.00	Average
5	15600.000	56.88	-26.66	83.54	43.34	40.50	7.96	34.92	Peak
6	15600.000	44.90	-18.64	63.54	31.36	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

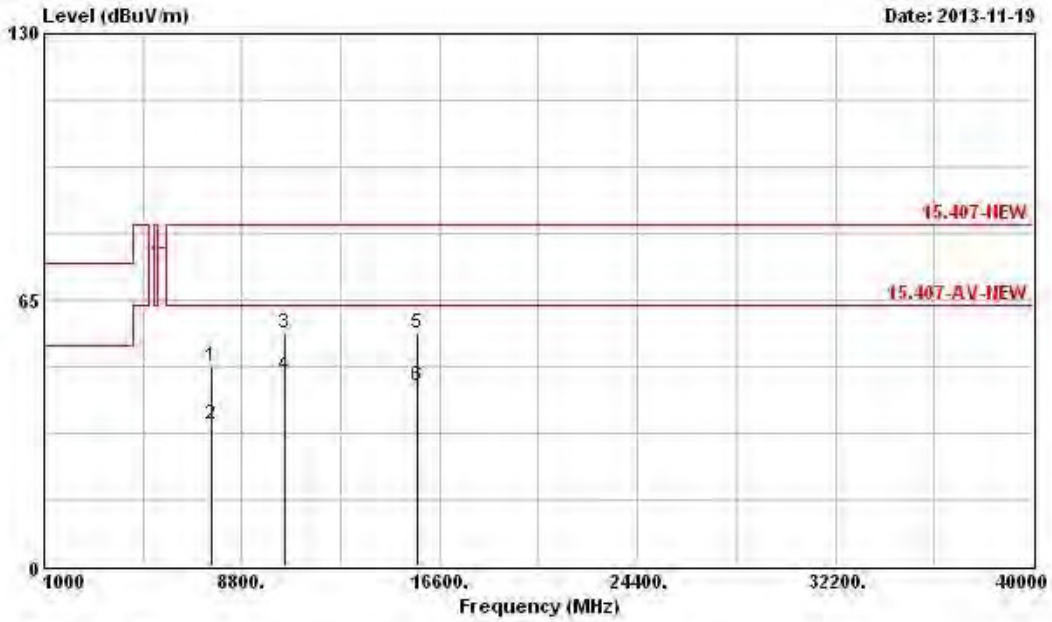
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8230.000	49.06	-34.48	83.54	43.38	35.43	5.38	35.13	Peak
2	8230.000	34.28	-29.26	63.54	28.60	35.43	5.38	35.13	Average
3	10400.000	58.65	-24.89	83.54	49.76	37.54	6.35	35.00	Peak
4	10400.000	47.28	-16.26	63.54	38.39	37.54	6.35	35.00	Average
5	15600.000	57.41	-26.13	83.54	43.87	40.50	7.96	34.92	Peak
6	15600.000	44.63	-18.91	63.54	31.09	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

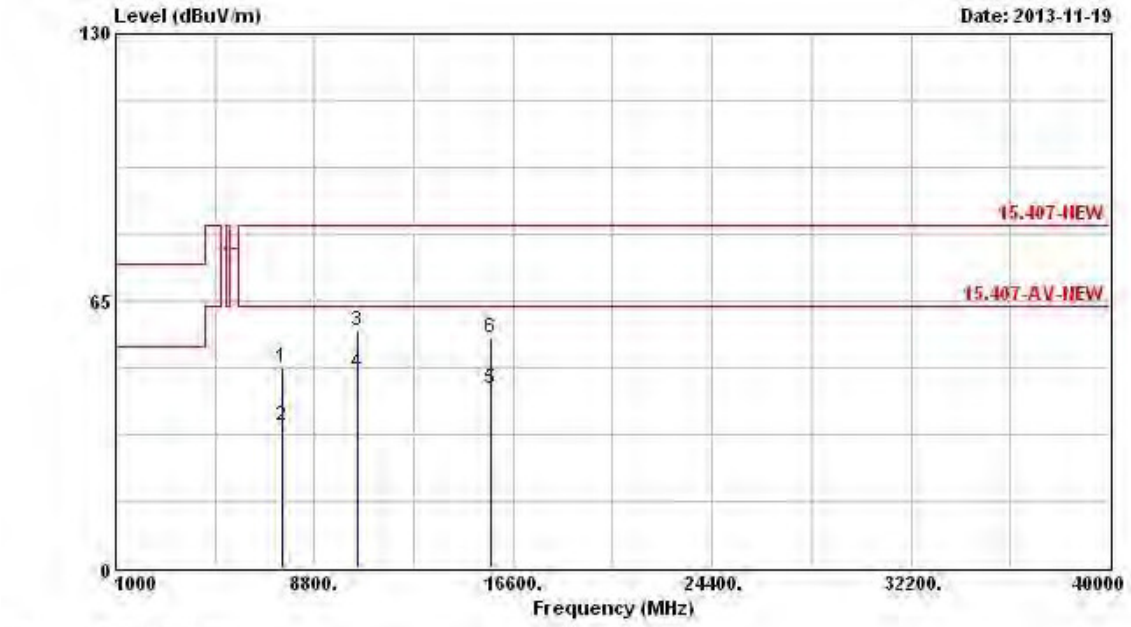
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7590.000	48.79	-34.75	83.54	42.87	35.30	5.64	35.02	Peak
2	7590.000	34.67	-28.87	63.54	28.75	35.30	5.64	35.02	Average
3	10480.000	56.91	-26.63	83.54	47.95	37.59	6.30	34.93	Peak
4	10480.000	46.55	-16.99	63.54	37.59	37.59	6.30	34.93	Average
5	15720.000	56.91	-26.63	83.54	43.46	40.62	7.86	35.03	Peak
6	15720.000	44.05	-19.49	63.54	30.60	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

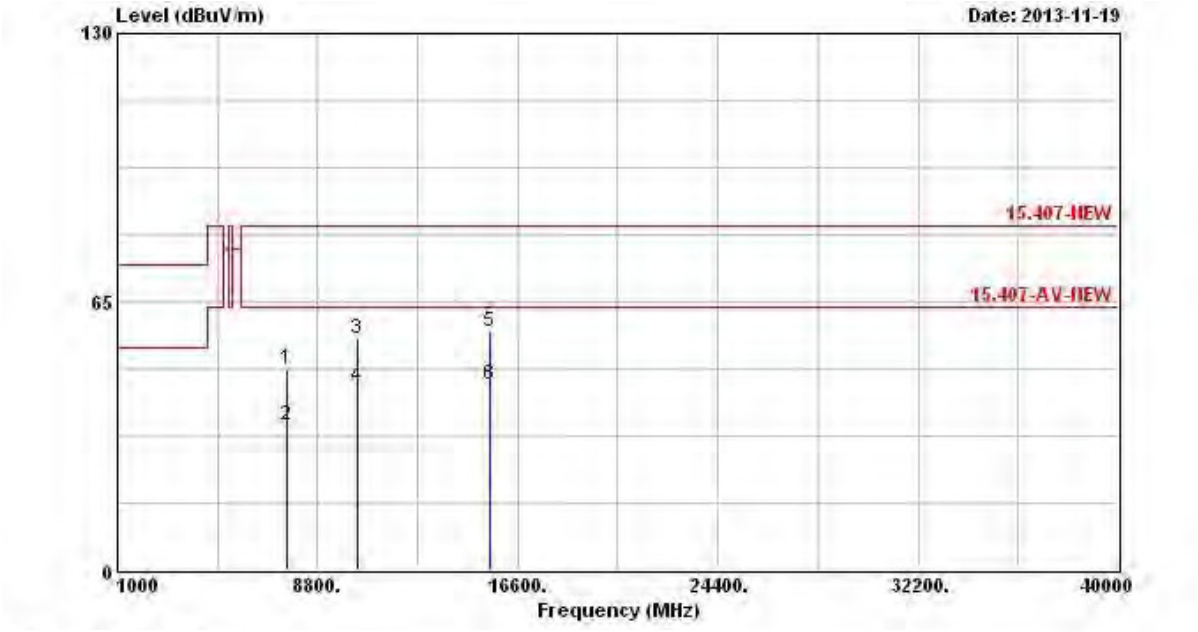
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7550.000	48.58	-34.96	83.54	42.61	35.30	5.68	35.01	Peak
2	7550.000	34.65	-28.89	63.54	28.68	35.30	5.68	35.01	Average
3	10480.000	57.61	-25.93	83.54	48.65	37.59	6.30	34.93	Peak
4	10480.000	47.43	-16.11	63.54	38.47	37.59	6.30	34.93	Average
5	15720.000	43.65	-19.89	63.54	30.20	40.62	7.86	35.03	Average
6	15720.000	56.02	-27.52	83.54	42.57	40.62	7.86	35.03	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

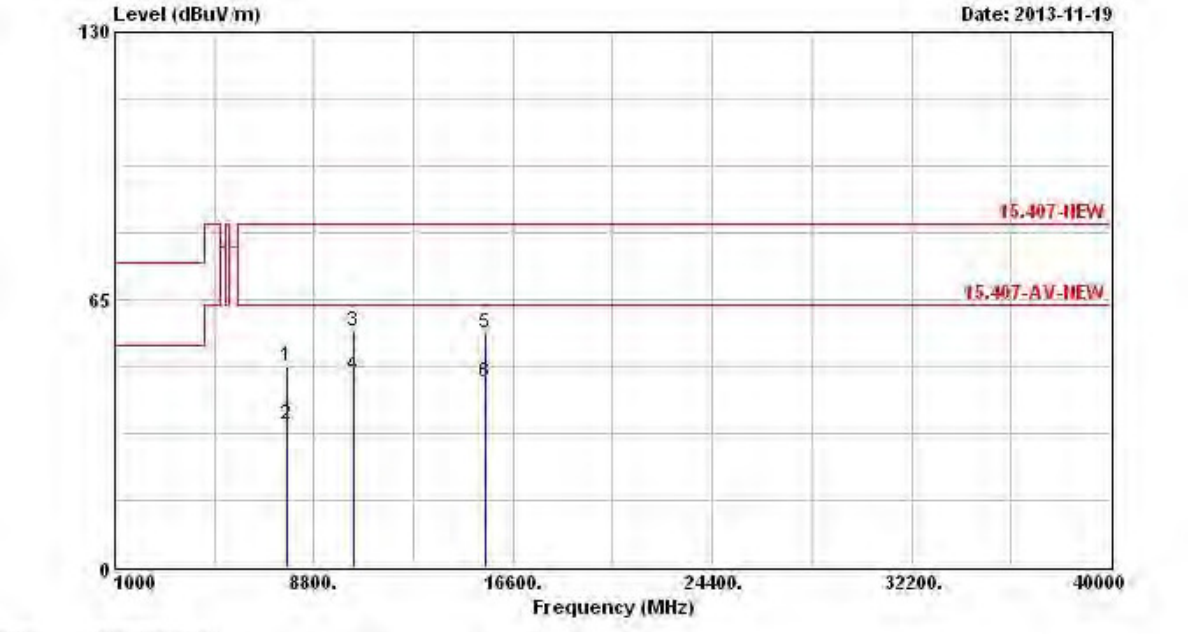
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	48.66	-34.88	83.54	42.78	35.30	5.61	35.03	Peak
2	7620.000	35.03	-28.51	63.54	29.15	35.30	5.61	35.03	Average
3	10360.000	55.82	-27.72	83.54	46.97	37.52	6.38	35.05	Peak
4	10360.000	44.29	-19.25	63.54	35.44	37.52	6.38	35.05	Average
5	15540.000	57.65	-25.89	83.54	44.06	40.43	7.99	34.83	Peak
6	15540.000	45.11	-18.43	63.54	31.52	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

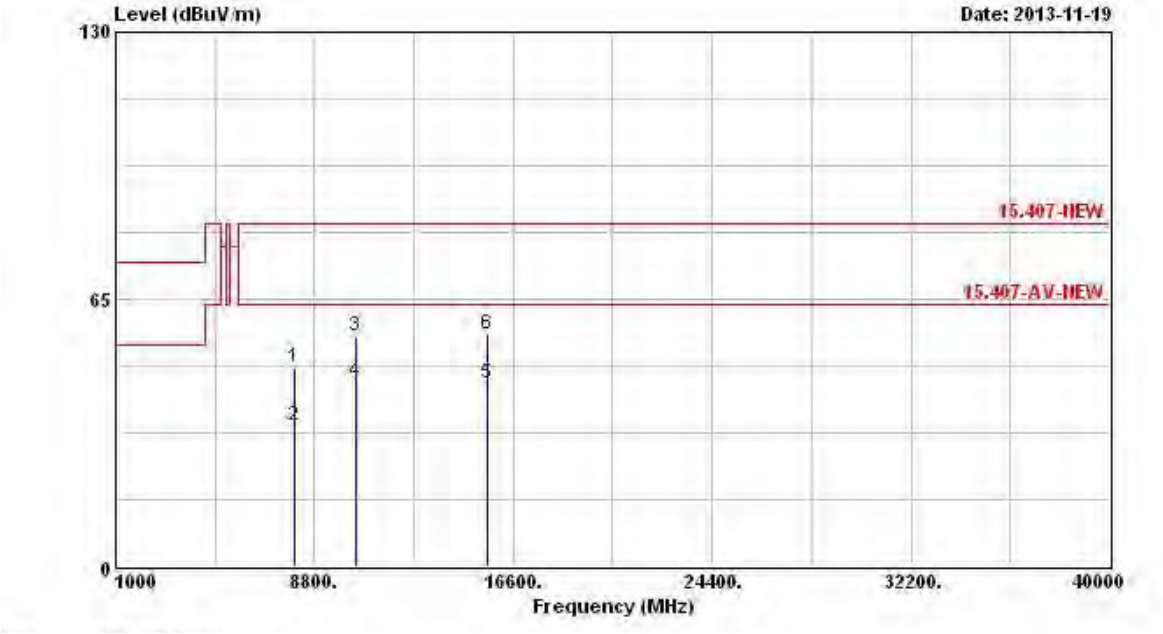
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7710.000	48.74	-34.80	83.54	42.96	35.30	5.54	35.06	Peak
2	7710.000	34.52	-29.02	63.54	28.74	35.30	5.54	35.06	Average
3	10360.000	57.37	-26.17	83.54	48.52	37.52	6.38	35.05	Peak
4	10360.000	46.41	-17.13	63.54	37.56	37.52	6.38	35.05	Average
5	15540.000	56.97	-26.57	83.54	43.38	40.43	7.99	34.83	Peak
6	15540.000	44.93	-18.61	63.54	31.34	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

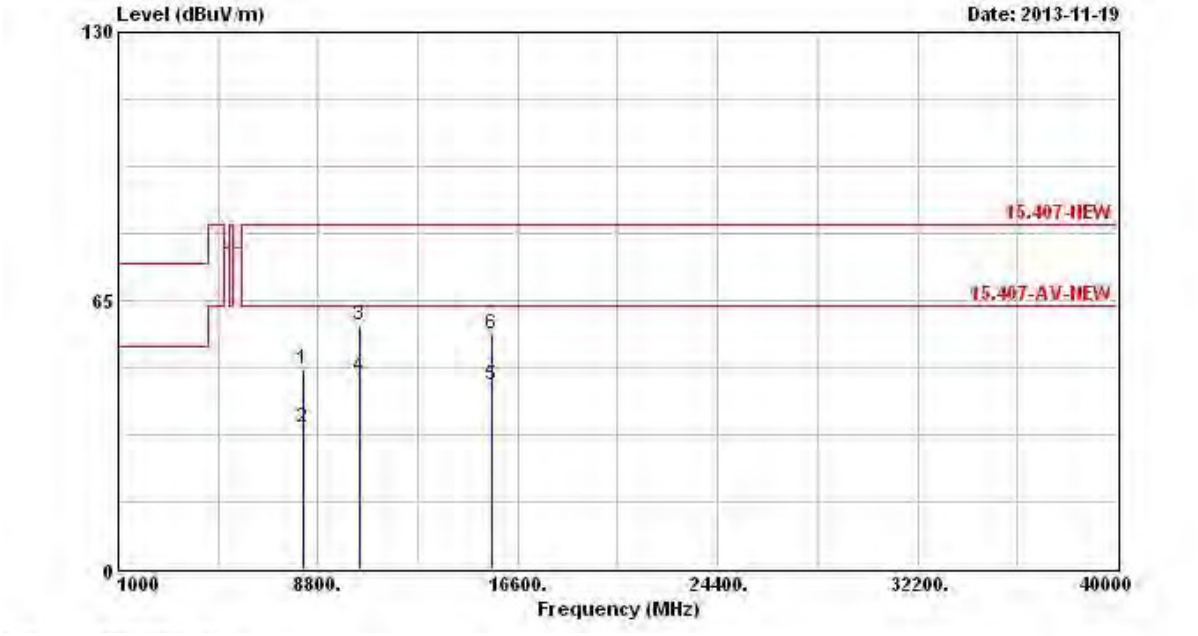
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8030.000	48.46	-35.08	83.54	42.98	35.32	5.32	35.16	Peak
2	8030.000	34.20	-29.34	63.54	28.72	35.32	5.32	35.16	Average
3	10400.000	56.04	-27.50	83.54	47.15	37.54	6.35	35.00	Peak
4	@10400.000	44.72	-18.82	63.54	35.83	37.54	6.35	35.00	Average
5	15600.000	44.36	-19.18	63.54	30.82	40.50	7.96	34.92	Average
6	15600.000	56.63	-26.91	83.54	43.09	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

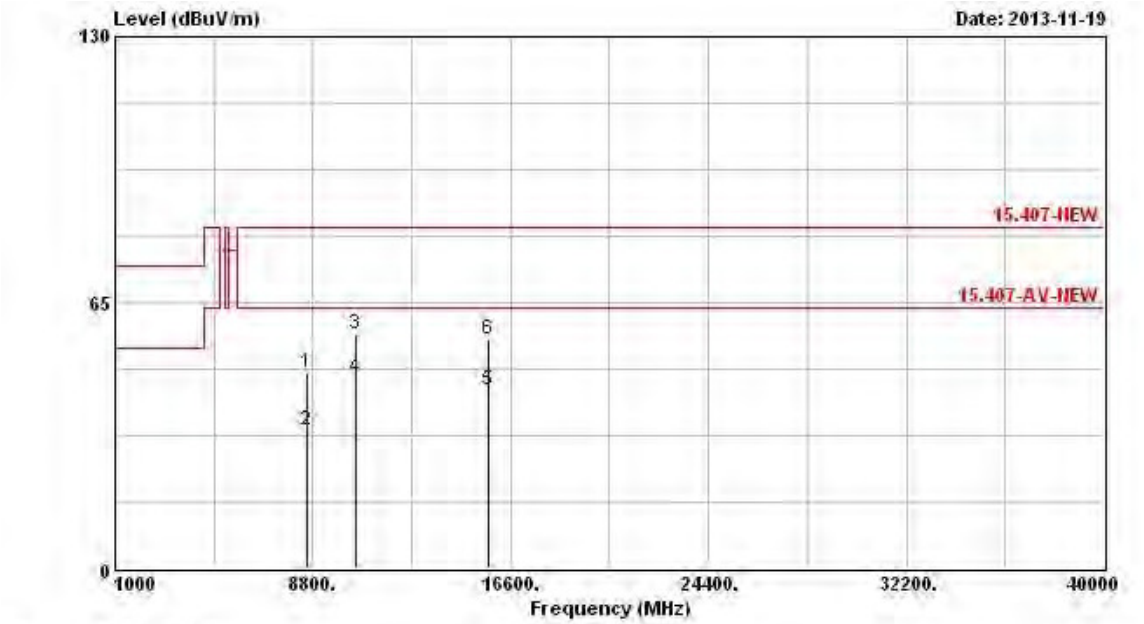
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8190.000	48.53	-35.01	83.54	42.88	35.41	5.37	35.13	Peak
2	8190.000	34.04	-29.50	63.54	28.39	35.41	5.37	35.13	Average
3	10400.000	59.14	-24.40	83.54	50.25	37.54	6.35	35.00	Peak
4	10400.000	46.81	-16.73	63.54	37.92	37.54	6.35	35.00	Average
5	15600.000	44.40	-19.14	63.54	30.86	40.50	7.96	34.92	Average
6	15600.000	56.90	-26.64	83.54	43.36	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

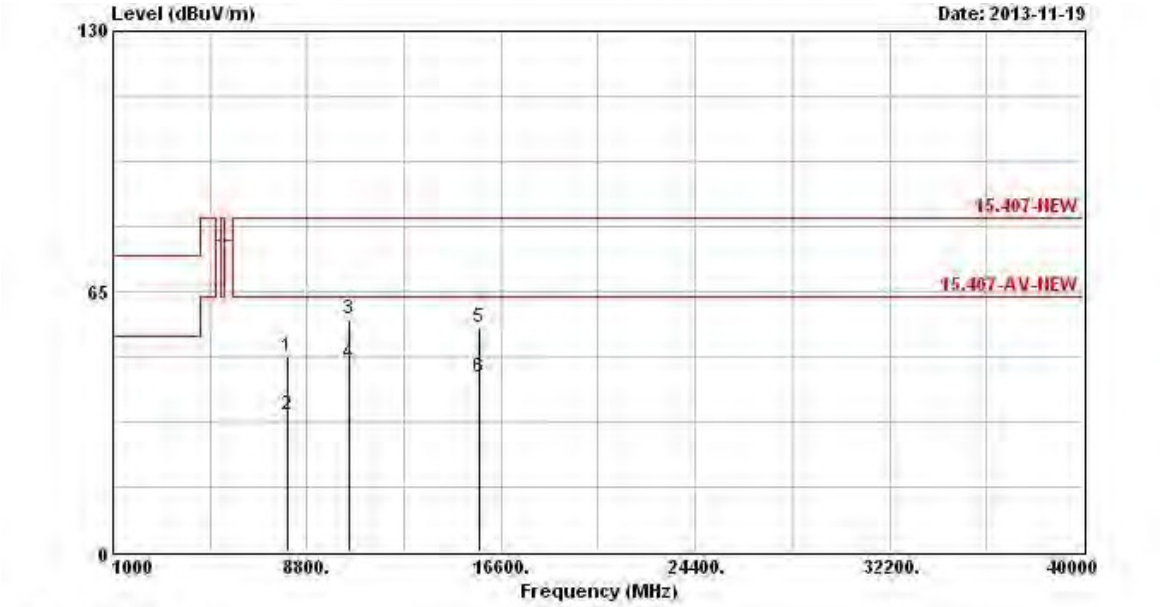
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8590.000	48.09	-35.45	83.54	41.97	35.65	5.58	35.11	Peak
2	8590.000	33.88	-29.66	63.54	27.76	35.65	5.58	35.11	Average
3	10480.000	57.16	-26.38	83.54	48.20	37.59	6.30	34.93	Peak
4	10480.000	46.63	-16.91	63.54	37.67	37.59	6.30	34.93	Average
5	15720.000	43.82	-19.72	63.54	30.37	40.62	7.86	35.03	Average
6	15720.000	56.00	-27.54	83.54	42.55	40.62	7.86	35.03	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

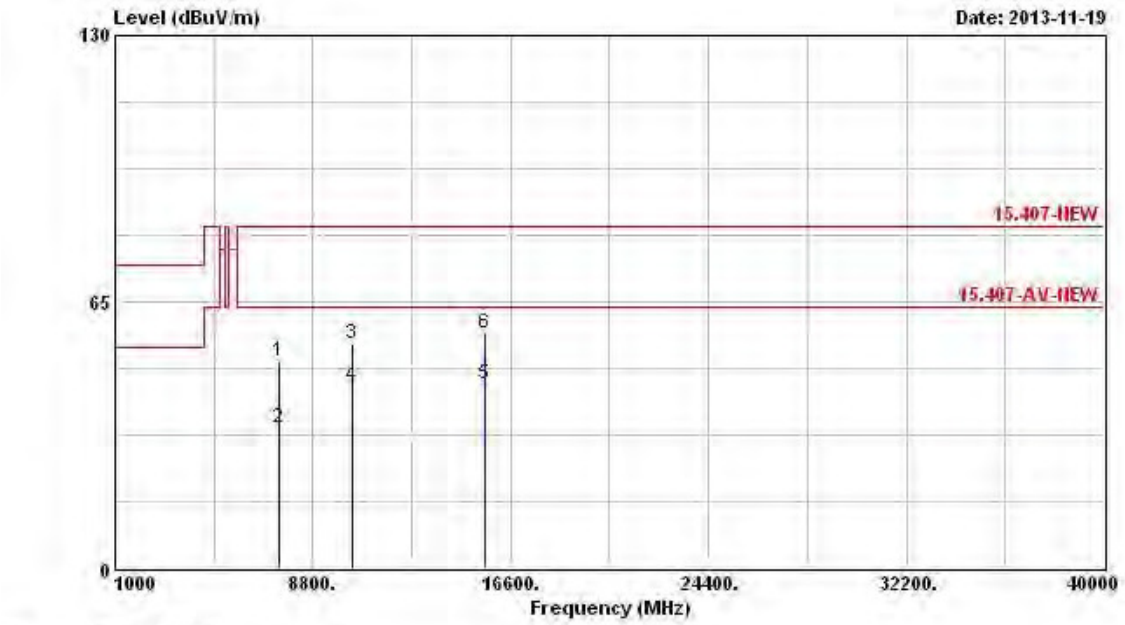
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8030.000	48.79	-34.75	83.54	43.31	35.32	5.32	35.16	Peak
2	8030.000	34.14	-29.40	63.54	28.66	35.32	5.32	35.16	Average
3	10480.000	57.97	-25.57	83.54	49.01	37.59	6.30	34.93	Peak
4	10480.000	47.16	-16.38	63.54	38.20	37.59	6.30	34.93	Average
5	15720.000	56.12	-27.42	83.54	42.67	40.62	7.86	35.03	Peak
6	15720.000	43.51	-20.03	63.54	30.06	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

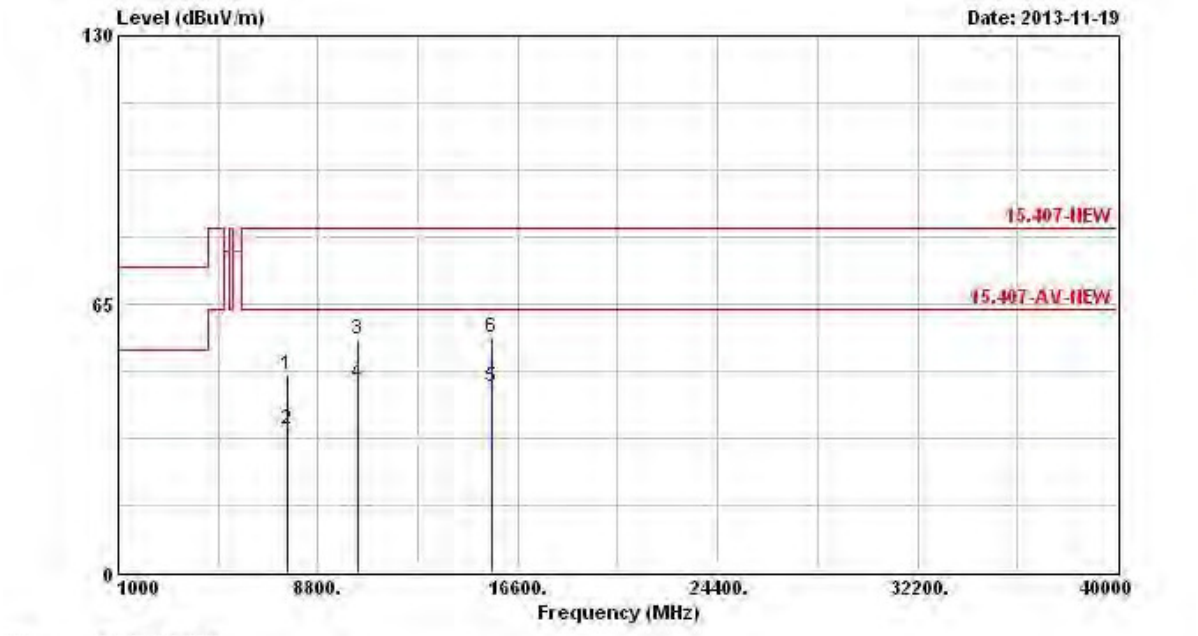
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 1)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7470.000	50.61	-32.93	83.54	44.64	35.30	5.66	34.99	Peak
2	7470.000	34.41	-29.13	63.54	28.44	35.30	5.66	34.99	Average
3	10380.000	54.79	-28.75	83.54	45.94	37.53	6.35	35.03	Peak
4	10380.000	44.55	-18.99	63.54	35.70	37.53	6.35	35.03	Average
5	15570.000	45.00	-18.54	63.54	31.43	40.47	7.96	34.86	Average
6	15570.000	57.13	-26.41	83.54	43.56	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

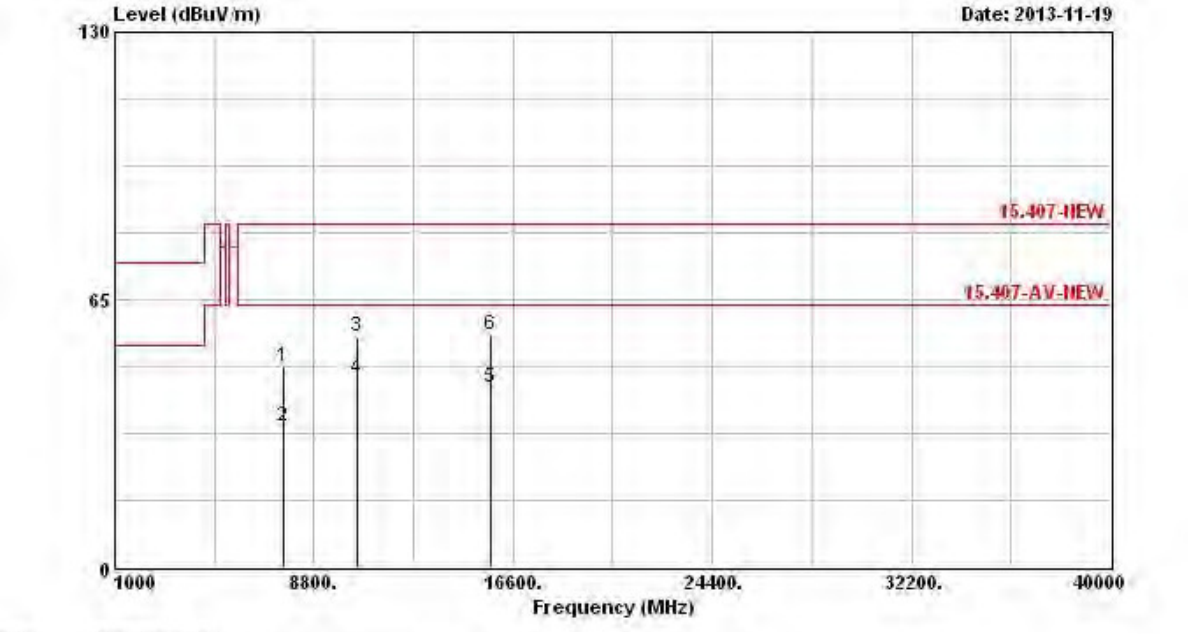
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 1)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7630.000	48.09	-35.45	83.54	42.21	35.30	5.61	35.03	Peak
2	7630.000	34.46	-29.08	63.54	28.58	35.30	5.61	35.03	Average
3	10380.000	56.27	-27.27	83.54	47.42	37.53	6.35	35.03	Peak
4	10380.000	45.78	-17.76	63.54	36.93	37.53	6.35	35.03	Average
5	15570.000	44.86	-18.68	63.54	31.29	40.47	7.96	34.86	Average
6	15570.000	57.08	-26.46	83.54	43.51	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

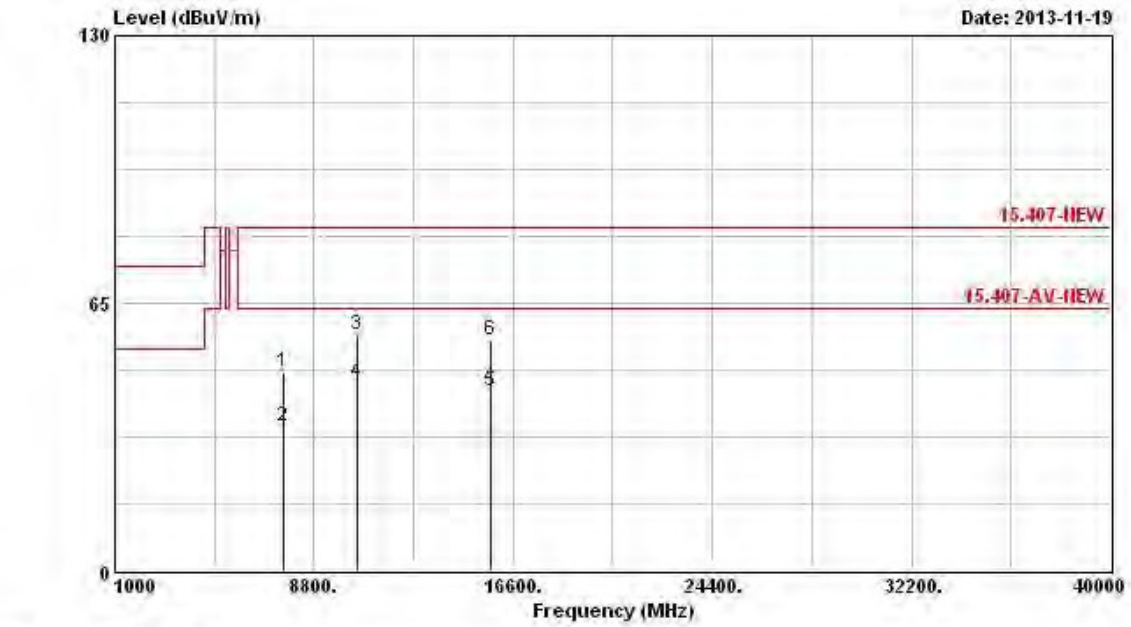
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 1)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7590.000	48.54	-35.00	83.54	42.62	35.30	5.64	35.02	Peak
2	7590.000	34.42	-29.12	63.54	28.50	35.30	5.64	35.02	Average
3	10460.000	55.87	-27.67	83.54	46.96	37.57	6.30	34.96	Peak
4	10460.000	45.83	-17.71	63.54	36.92	37.57	6.30	34.96	Average
5	15690.000	43.70	-19.84	63.54	30.25	40.59	7.86	35.00	Average
6	15690.000	56.35	-27.19	83.54	42.90	40.59	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

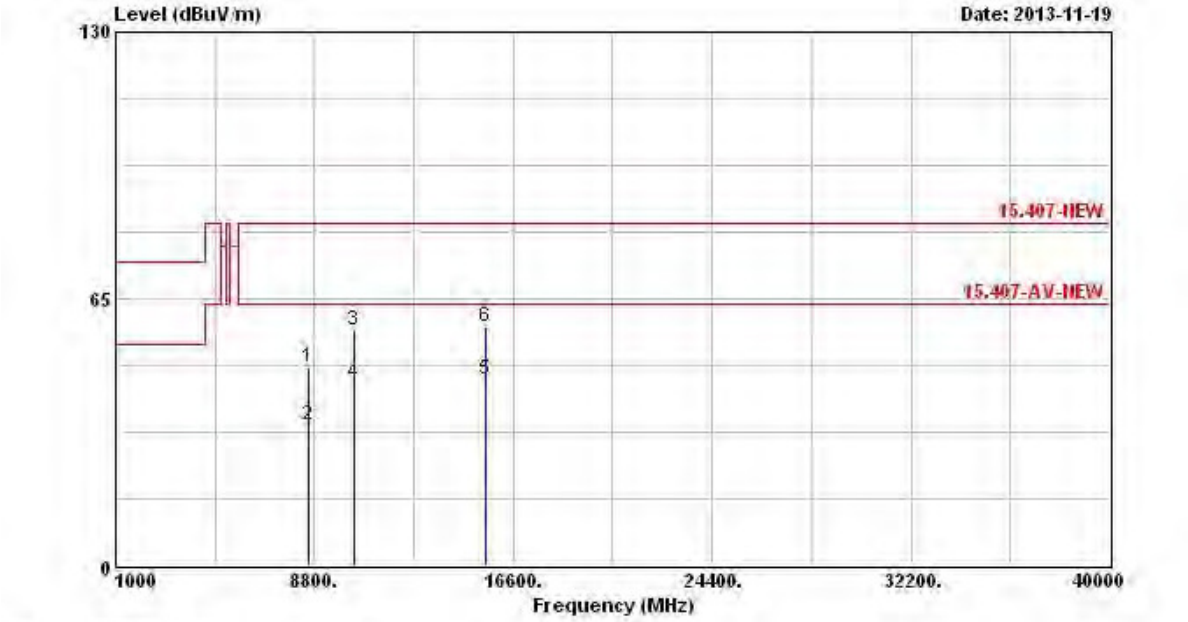
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 1)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	48.24	-35.30	83.54	42.36	35.30	5.61	35.03	Peak
2	7620.000	34.91	-28.63	63.54	29.03	35.30	5.61	35.03	Average
3	10460.000	57.10	-26.44	83.54	48.19	37.57	6.30	34.96	Peak
4	10460.000	45.91	-17.63	63.54	37.00	37.57	6.30	34.96	Average
5	15690.000	43.68	-19.86	63.54	30.23	40.59	7.86	35.00	Average
6	15690.000	55.91	-27.63	83.54	42.46	40.59	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

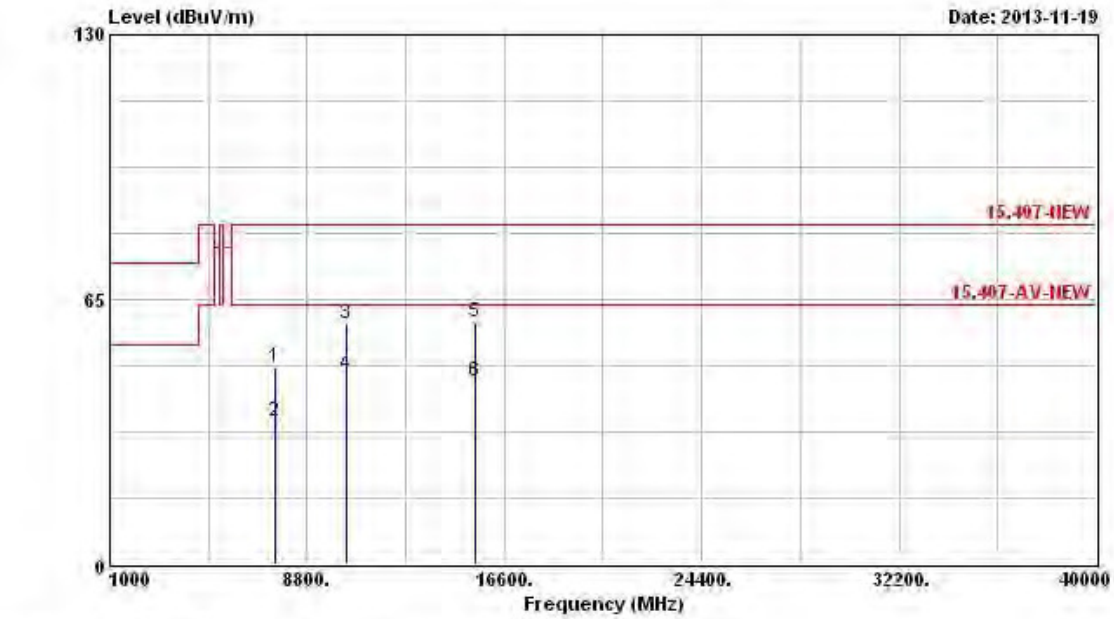
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8550.000	48.37	-35.17	83.54	42.30	35.63	5.54	35.10	Peak
2	8550.000	34.24	-29.30	63.54	28.17	35.63	5.54	35.10	Average
3	10360.000	57.39	-26.15	83.54	48.54	37.52	6.38	35.05	Peak
4	10360.000	44.66	-18.88	63.54	35.81	37.52	6.38	35.05	Average
5	15540.000	45.38	-18.16	63.54	31.79	40.43	7.99	34.83	Average
6	15540.000	58.33	-25.21	83.54	44.74	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

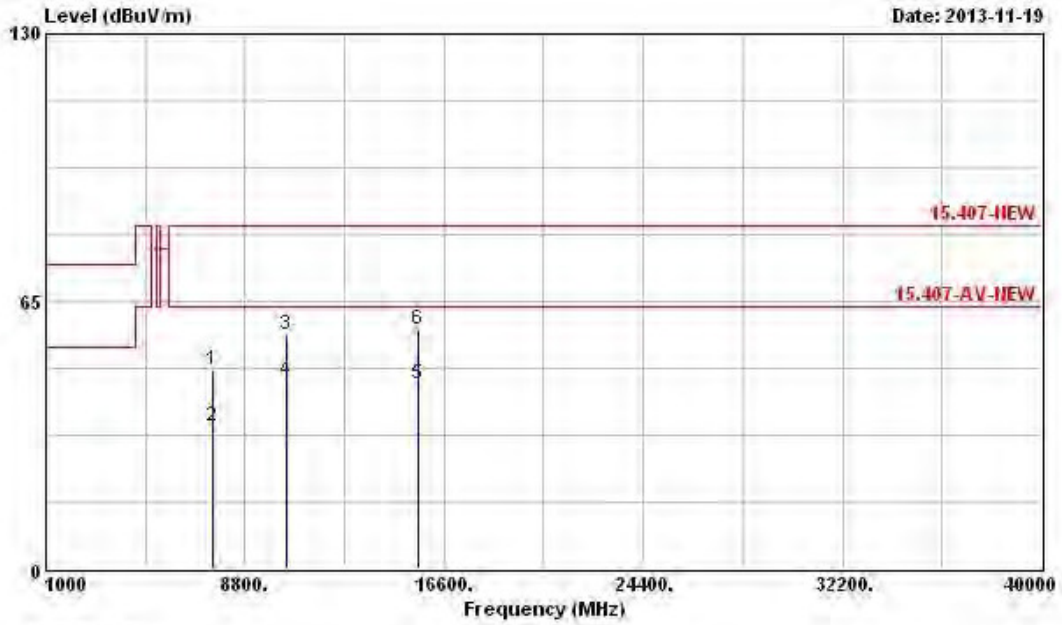
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7540.000	48.47	-35.07	83.54	42.49	35.30	5.68	35.00	Peak
2	7540.000	34.92	-28.62	63.54	28.94	35.30	5.68	35.00	Average
3	10360.000	59.09	-24.45	83.54	50.24	37.52	6.38	35.05	Peak
4	10360.000	46.72	-16.82	63.54	37.87	37.52	6.38	35.05	Average
5	15460.000	59.32	-24.22	83.54	45.74	40.30	8.01	34.73	Peak
6	15460.000	45.11	-18.43	63.54	31.53	40.30	8.01	34.73	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

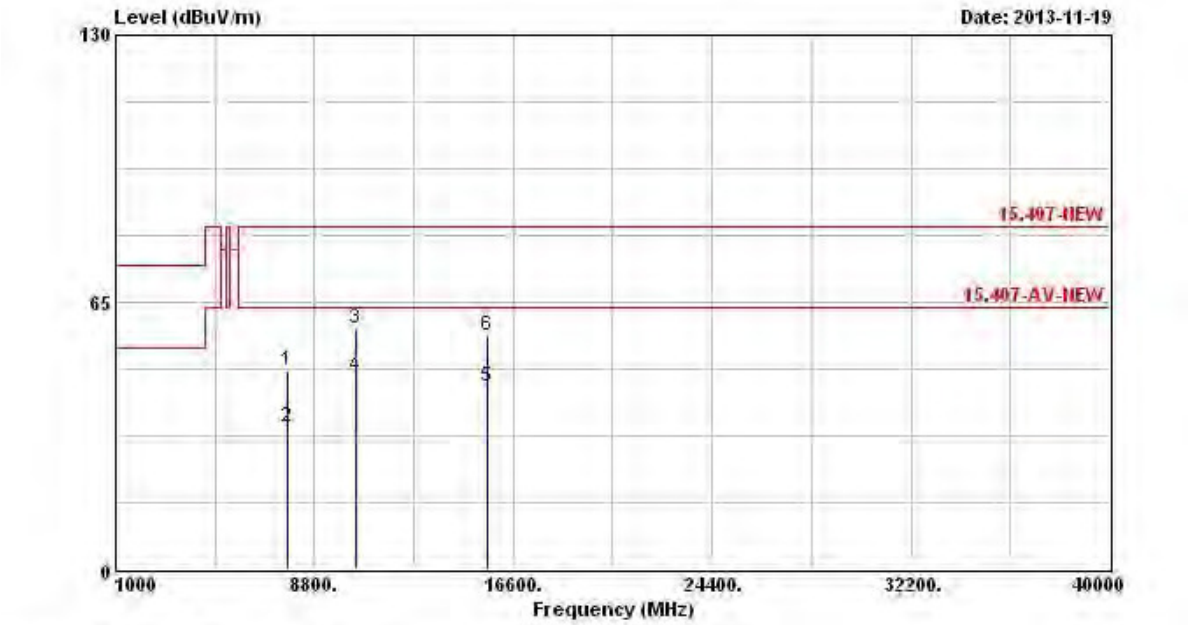
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7540.000	48.17	-35.37	83.54	42.19	35.30	5.68	35.00	Peak
2	7540.000	34.71	-28.83	63.54	28.73	35.30	5.68	35.00	Average
3	10400.000	56.79	-26.75	83.54	47.90	37.54	6.35	35.00	Peak
4	10400.000	45.78	-17.76	63.54	36.89	37.54	6.35	35.00	Average
5	15600.000	44.73	-18.81	63.54	31.19	40.50	7.96	34.92	Average
6	15600.000	58.08	-25.46	83.54	44.54	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

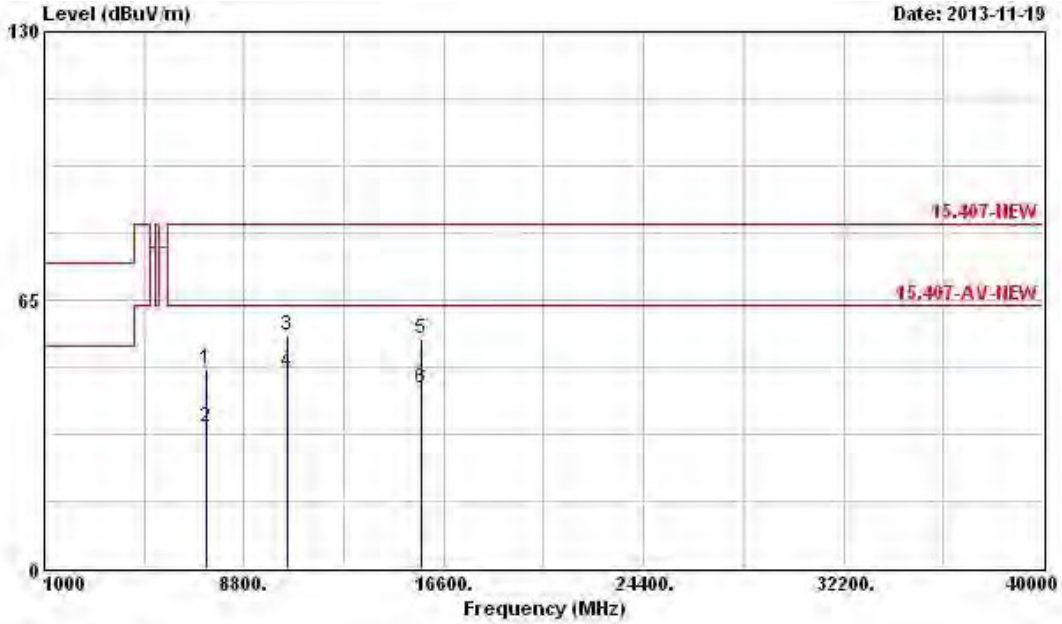
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7750.000	48.47	-35.07	83.54	42.74	35.30	5.51	35.08	Peak
2	7750.000	34.76	-28.78	63.54	29.03	35.30	5.51	35.08	Average
3	10400.000	58.59	-24.95	83.54	49.70	37.54	6.35	35.00	Peak
4	10400.000	47.24	-16.30	63.54	38.35	37.54	6.35	35.00	Average
5	15600.000	44.64	-18.90	63.54	31.10	40.50	7.96	34.92	Average
6	15600.000	57.02	-26.52	83.54	43.48	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

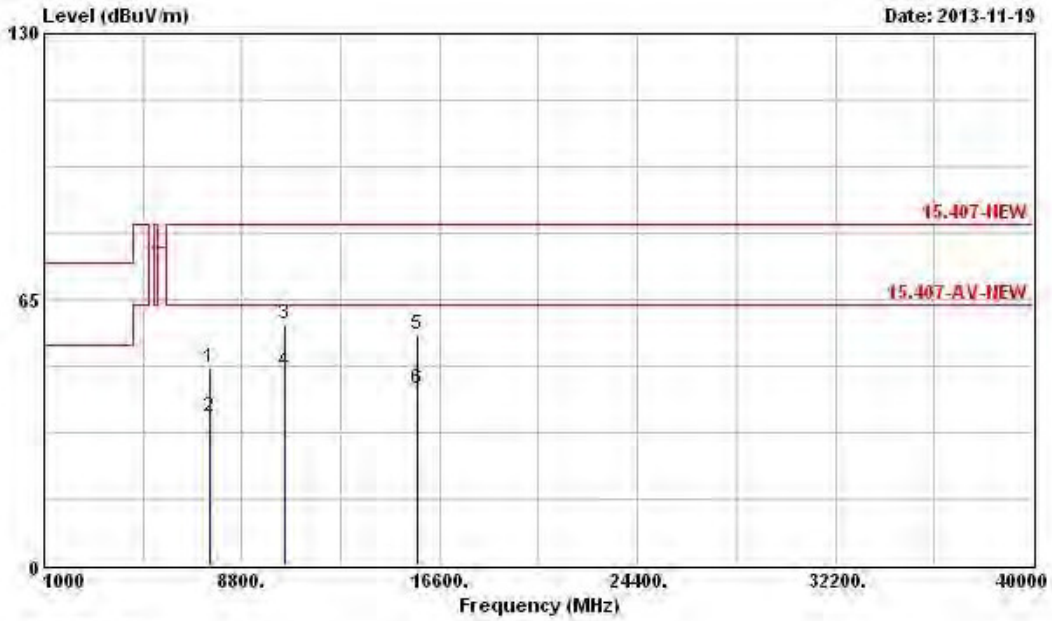
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7340.000	48.49	-35.05	83.54	42.63	35.30	5.52	34.96	Peak
2	7340.000	34.20	-29.34	63.54	28.34	35.30	5.52	34.96	Average
3	10480.000	56.31	-27.23	83.54	47.35	37.59	6.30	34.93	Peak
4	10480.000	47.50	-16.04	63.54	38.54	37.59	6.30	34.93	Average
5	15720.000	55.47	-28.07	83.54	42.02	40.62	7.86	35.03	Peak
6	15720.000	43.43	-20.11	63.54	29.98	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

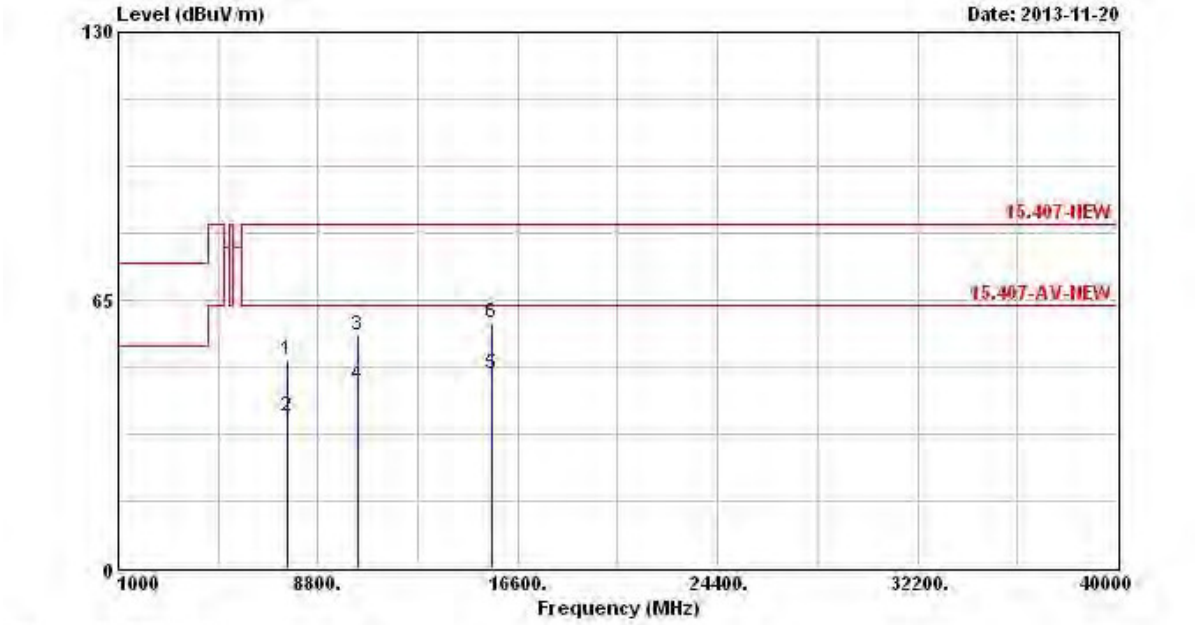
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 1)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7540.000	48.35	-35.19	83.54	42.37	35.30	5.68	35.00	Peak
2	7540.000	36.48	-27.06	63.54	30.50	35.30	5.68	35.00	Average
3	10480.000	58.82	-24.72	83.54	49.86	37.59	6.30	34.93	Peak
4	10480.000	47.63	-15.91	63.54	38.67	37.59	6.30	34.93	Average
5	15720.000	56.31	-27.23	83.54	42.86	40.62	7.86	35.03	Peak
6	15720.000	43.36	-20.18	63.54	29.91	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

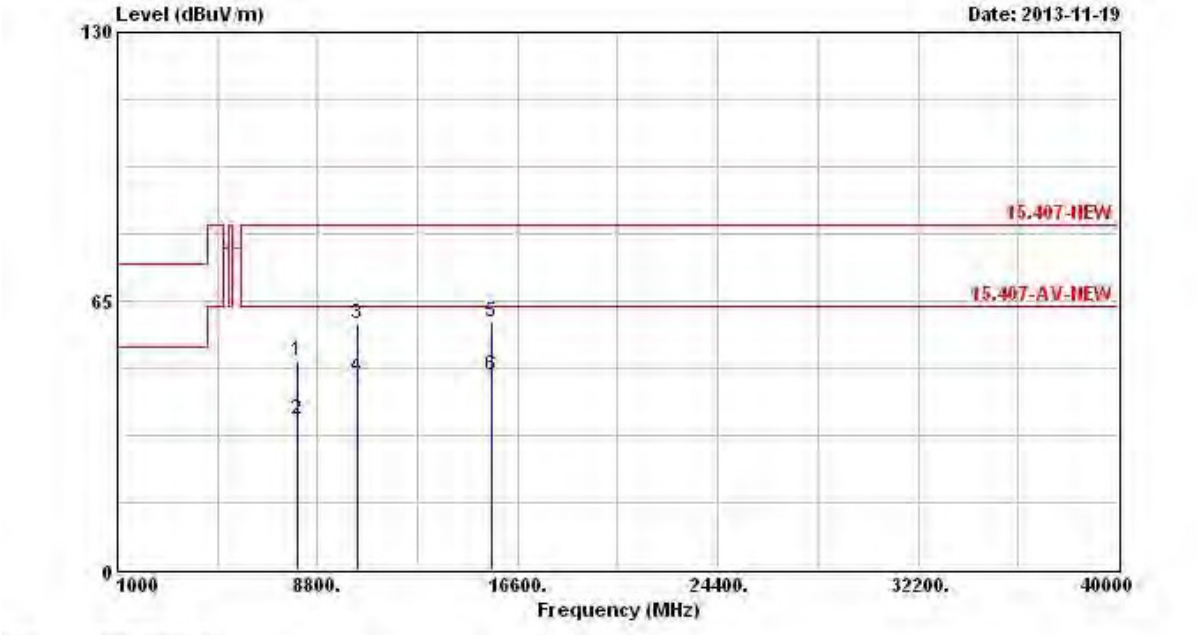
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 1)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7630.000	50.32	-33.22	83.54	44.44	35.30	5.61	35.03	Peak
2	7630.000	36.96	-26.58	63.54	31.08	35.30	5.61	35.03	Average
3	10380.000	56.55	-26.99	83.54	47.70	37.53	6.35	35.03	Peak
4	10380.000	44.47	-19.07	63.54	35.62	37.53	6.35	35.03	Average
5	15570.000	46.95	-16.59	63.54	33.38	40.47	7.96	34.86	Average
6	15570.000	59.61	-23.93	83.54	46.04	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

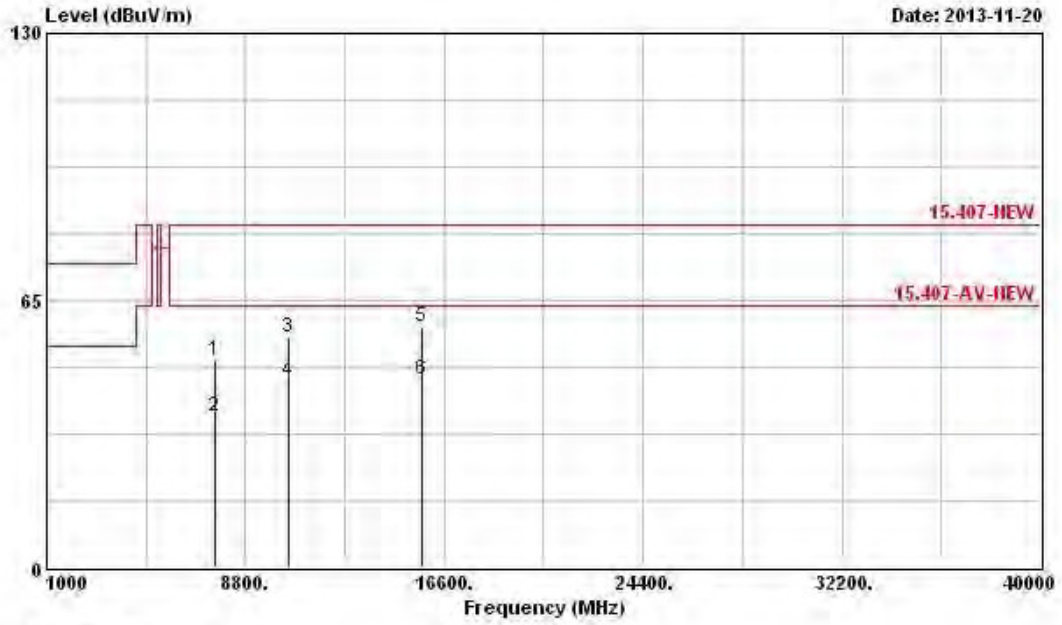
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 1)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8030.000	50.46	-33.08	83.54	44.98	35.32	5.32	35.16	Peak
2	8030.000	36.48	-27.06	63.54	31.00	35.32	5.32	35.16	Average
3	10380.000	59.46	-24.08	83.54	50.61	37.53	6.35	35.03	Peak
4	10380.000	46.82	-16.72	63.54	37.97	37.53	6.35	35.03	Average
5	15570.000	59.68	-23.86	83.54	46.11	40.47	7.96	34.86	Peak
6	15570.000	46.93	-16.61	63.54	33.36	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

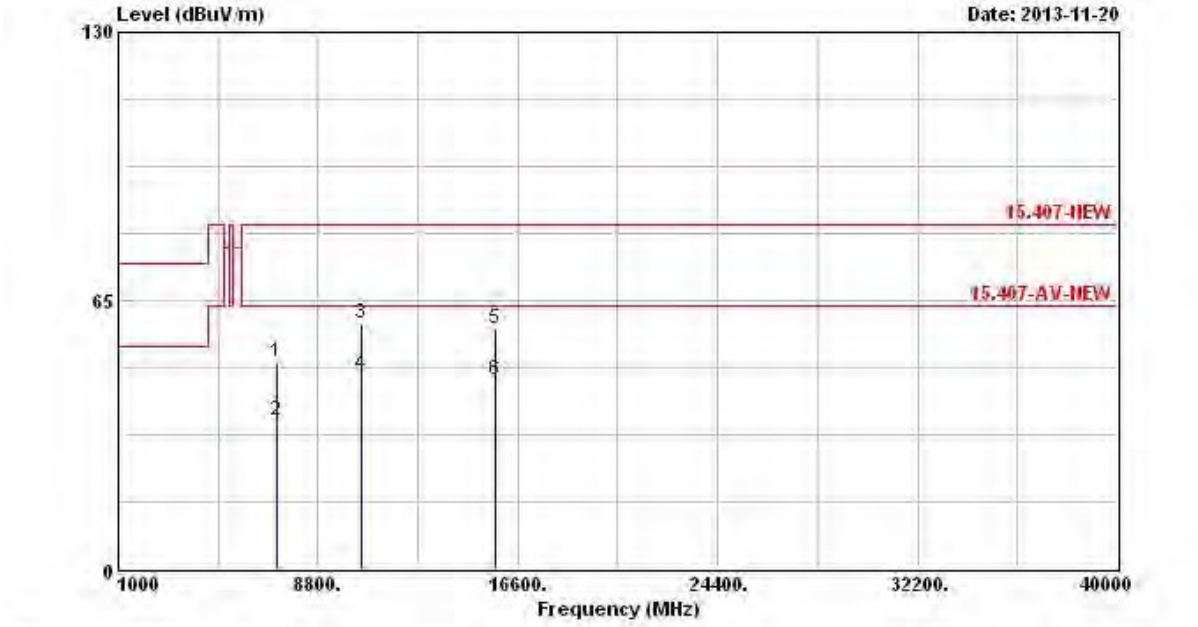
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 1)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7580.000	50.42	-33.12	83.54	44.50	35.30	5.64	35.02	Peak
2	7580.000	36.77	-26.77	63.54	30.85	35.30	5.64	35.02	Average
3	10460.000	56.22	-27.32	83.54	47.31	37.57	6.30	34.96	Peak
4	10460.000	45.18	-18.36	63.54	36.27	37.57	6.30	34.96	Average
5	15690.000	58.40	-25.14	83.54	44.95	40.59	7.86	35.00	Peak
6	15690.000	45.78	-17.76	63.54	32.33	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

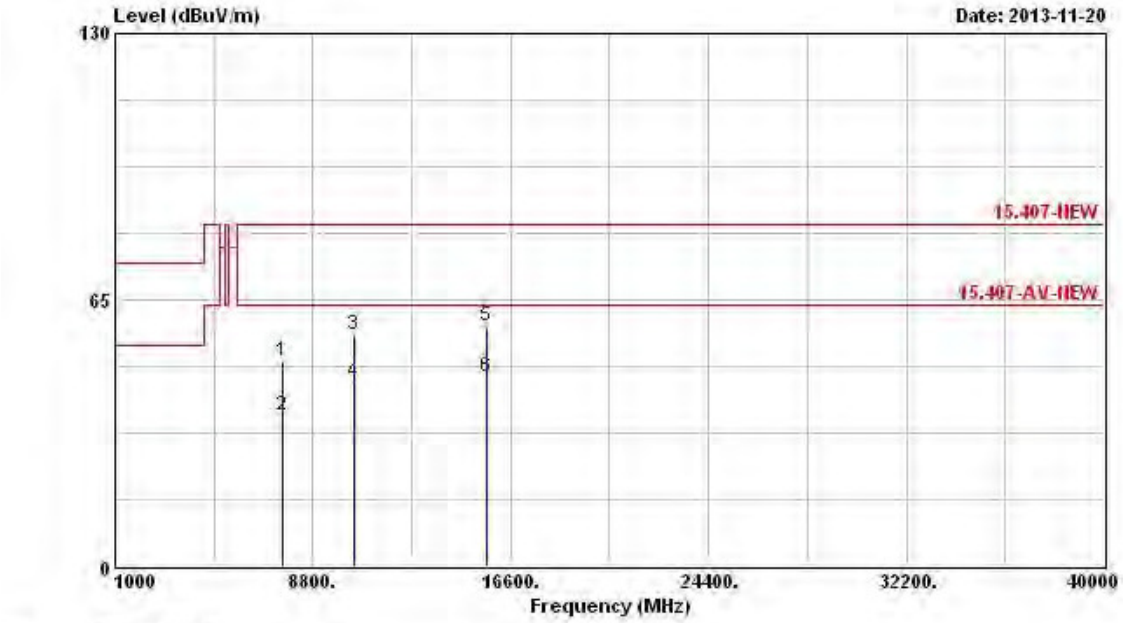
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 1)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7180.000	49.98	-33.56	83.54	44.32	35.30	5.28	34.92	Peak
2	7180.000	35.73	-27.81	63.54	30.07	35.30	5.28	34.92	Average
3	10460.000	59.30	-24.24	83.54	50.39	37.57	6.30	34.96	Peak
4	10460.000	47.05	-16.49	63.54	38.14	37.57	6.30	34.96	Average
5	15690.000	58.14	-25.40	83.54	44.69	40.59	7.86	35.00	Peak
6	15690.000	45.66	-17.88	63.54	32.21	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

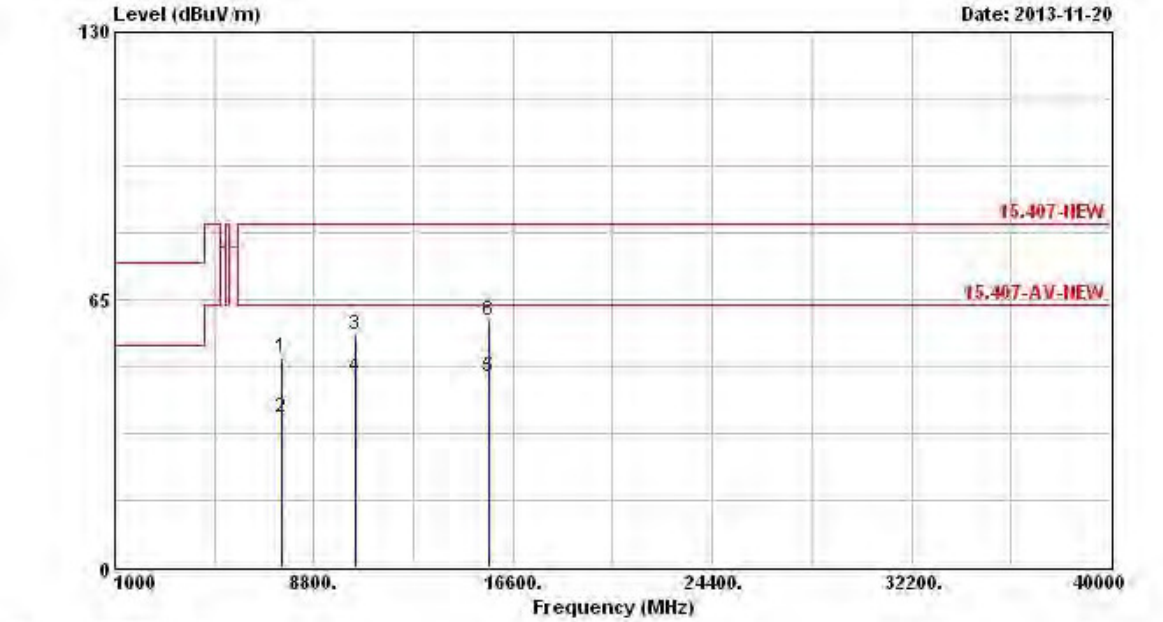
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 1)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7630.000	50.23	-33.31	83.54	44.35	35.30	5.61	35.03	Peak
2	7630.000	36.95	-26.59	63.54	31.07	35.30	5.61	35.03	Average
3	10420.000	56.40	-27.14	83.54	47.52	37.55	6.33	35.00	Peak
4	10420.000	44.91	-18.63	63.54	36.03	37.55	6.33	35.00	Average
5	15630.000	58.62	-24.92	83.54	45.10	40.54	7.92	34.94	Peak
6	15630.000	46.10	-17.44	63.54	32.58	40.54	7.92	34.94	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

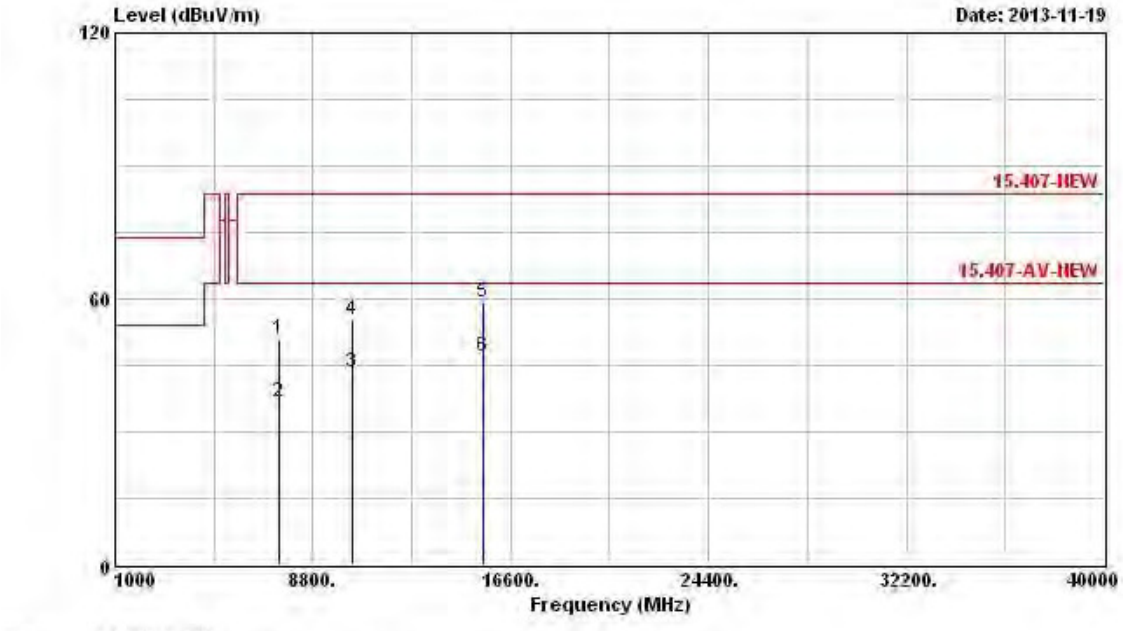
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 1)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7540.000	50.70	-32.84	83.54	44.72	35.30	5.68	35.00	Peak
2	7540.000	36.55	-26.99	63.54	30.57	35.30	5.68	35.00	Average
3	10420.000	56.38	-27.16	83.54	47.50	37.55	6.33	35.00	Peak
4	10420.000	46.03	-17.51	63.54	37.15	37.55	6.33	35.00	Average
5	15630.000	46.15	-17.39	63.54	32.63	40.54	7.92	34.94	Average
6	15630.000	59.68	-23.86	83.54	46.16	40.54	7.92	34.94	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

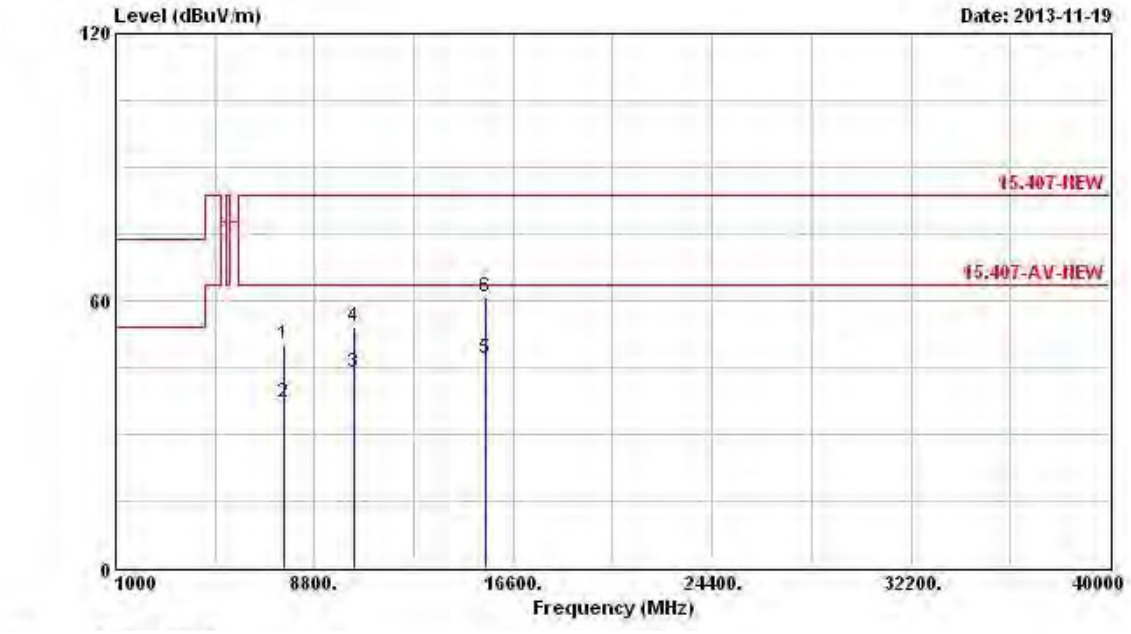
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7482.000	50.75	-32.79	83.54	44.78	35.30	5.66	34.99	Peak
2	7482.000	36.76	-26.78	63.54	30.79	35.30	5.66	34.99	Average
3	10360.000	43.59	-19.95	63.54	34.74	37.52	6.38	35.05	Average
4	10360.000	55.35	-28.19	83.54	46.50	37.52	6.38	35.05	Peak
5	15540.000	59.09	-24.45	83.54	45.50	40.43	7.99	34.83	Peak
6	15540.000	46.96	-16.58	63.54	33.37	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

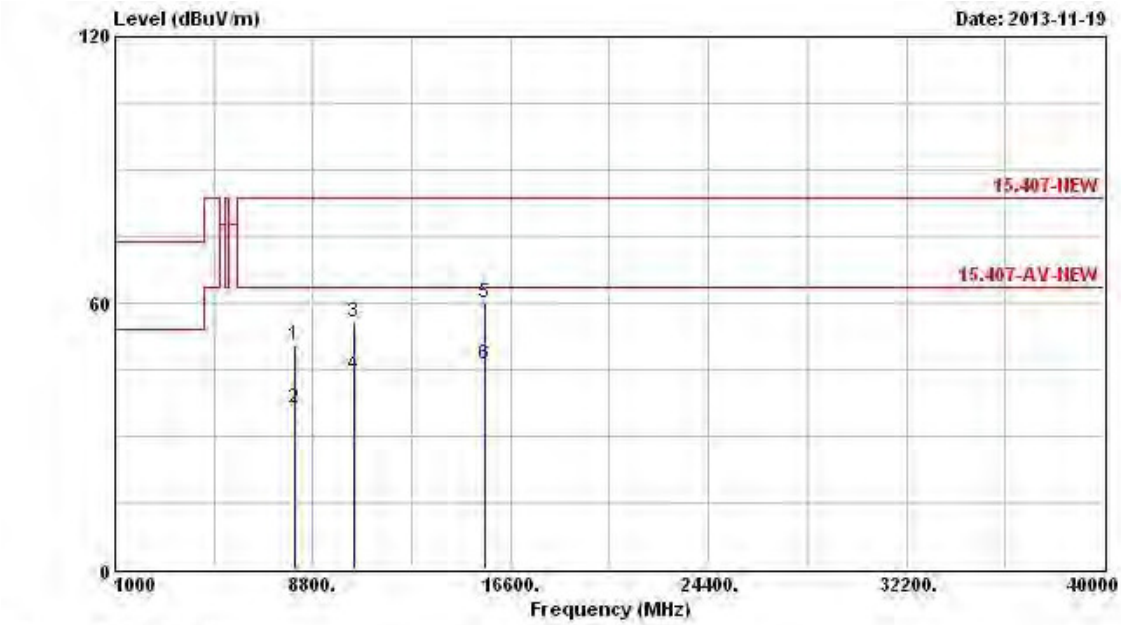
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	50.08	-33.46	83.54	44.20	35.30	5.61	35.03	Peak
2	7620.000	37.03	-26.51	63.54	31.15	35.30	5.61	35.03	Average
3	10360.000	43.65	-19.89	63.54	34.80	37.52	6.38	35.05	Average
4	10360.000	53.94	-29.60	83.54	45.09	37.52	6.38	35.05	Peak
5	15540.000	46.98	-16.56	63.54	33.39	40.43	7.99	34.83	Average
6	15540.000	60.72	-22.82	83.54	47.13	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

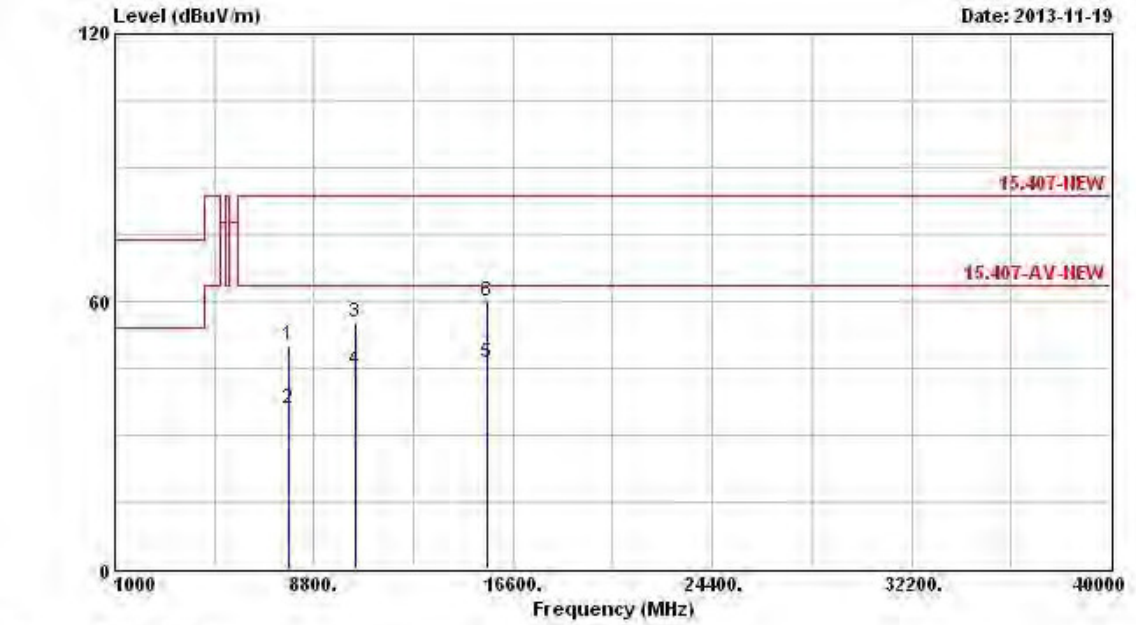
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8088.000	50.39	-33.15	83.54	44.84	35.35	5.35	35.15	Peak
2	8088.000	36.30	-27.24	63.54	30.75	35.35	5.35	35.15	Average
3	10400.000	55.78	-27.76	83.54	46.89	37.54	6.35	35.00	Peak
4	10400.000	43.74	-19.80	63.54	34.85	37.54	6.35	35.00	Average
5	15600.000	60.01	-23.53	83.54	46.47	40.50	7.96	34.92	Peak
6	15600.000	46.31	-17.23	63.54	32.77	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

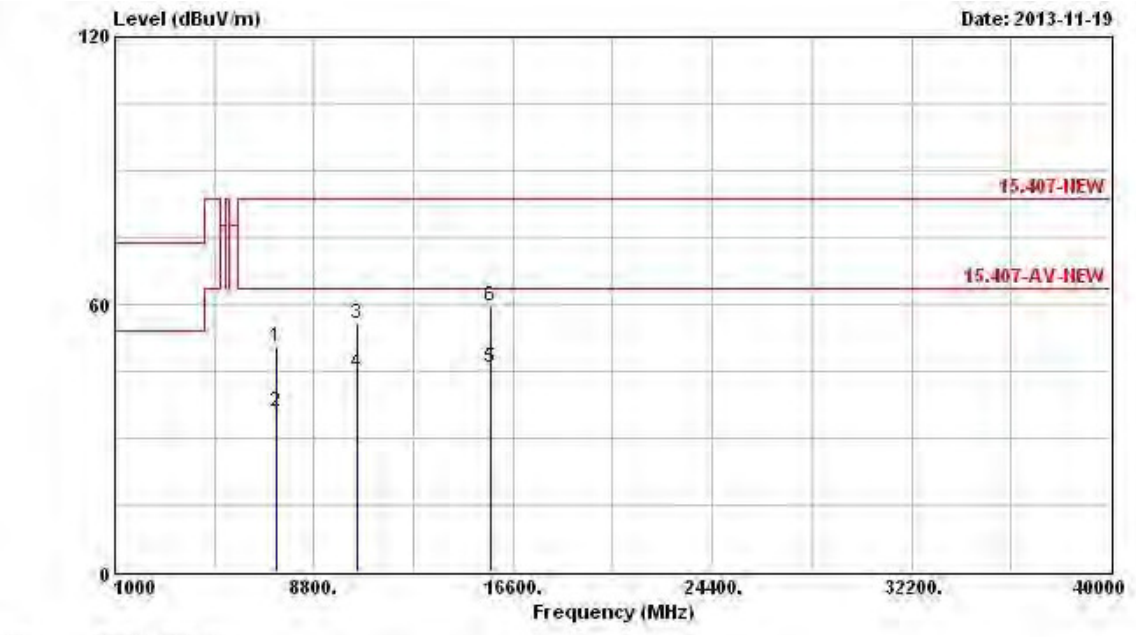
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7812.000	50.32	-33.22	83.54	44.67	35.30	5.44	35.09	Peak
2	7812.000	35.81	-27.73	63.54	30.16	35.30	5.44	35.09	Average
3	10400.000	55.36	-28.18	83.54	46.47	37.54	6.35	35.00	Peak
4	10400.000	44.59	-18.95	63.54	35.70	37.54	6.35	35.00	Average
5	15600.000	46.34	-17.20	63.54	32.80	40.50	7.96	34.92	Average
6	15600.000	60.04	-23.50	83.54	46.50	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

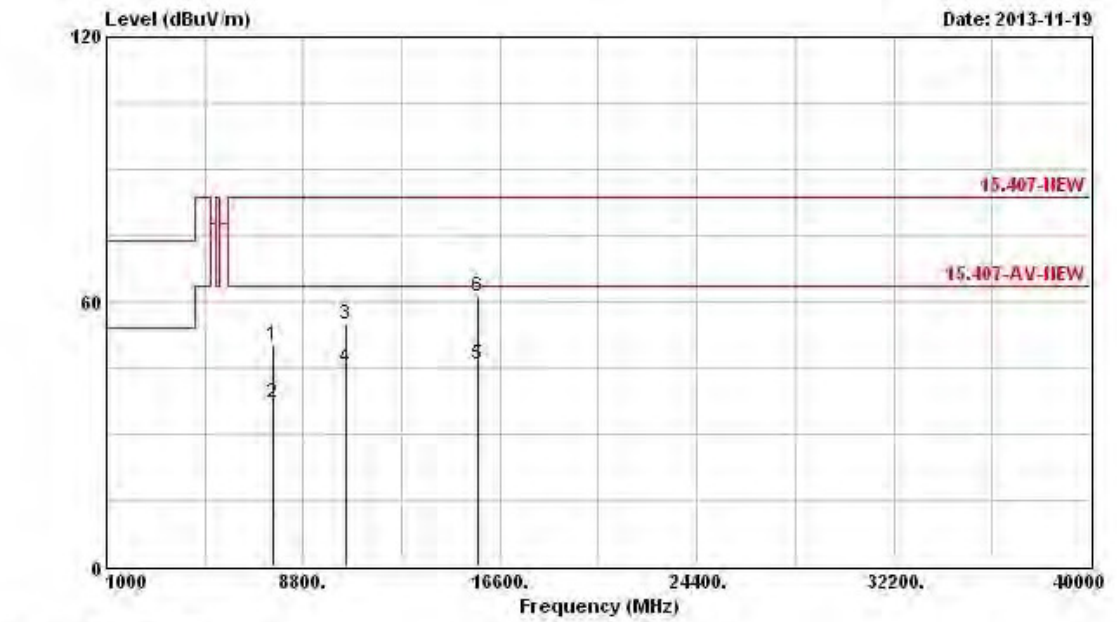
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7320.000	50.34	-33.20	83.54	44.53	35.30	5.47	34.96	Peak
2	7320.000	35.81	-27.73	63.54	30.00	35.30	5.47	34.96	Average
3	10480.000	55.65	-27.89	83.54	46.69	37.59	6.30	34.93	Peak
4	10480.000	44.48	-19.06	63.54	35.52	37.59	6.30	34.93	Average
5	15720.000	45.62	-17.92	63.54	32.17	40.62	7.86	35.03	Average
6	15720.000	59.41	-24.13	83.54	45.96	40.62	7.86	35.03	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

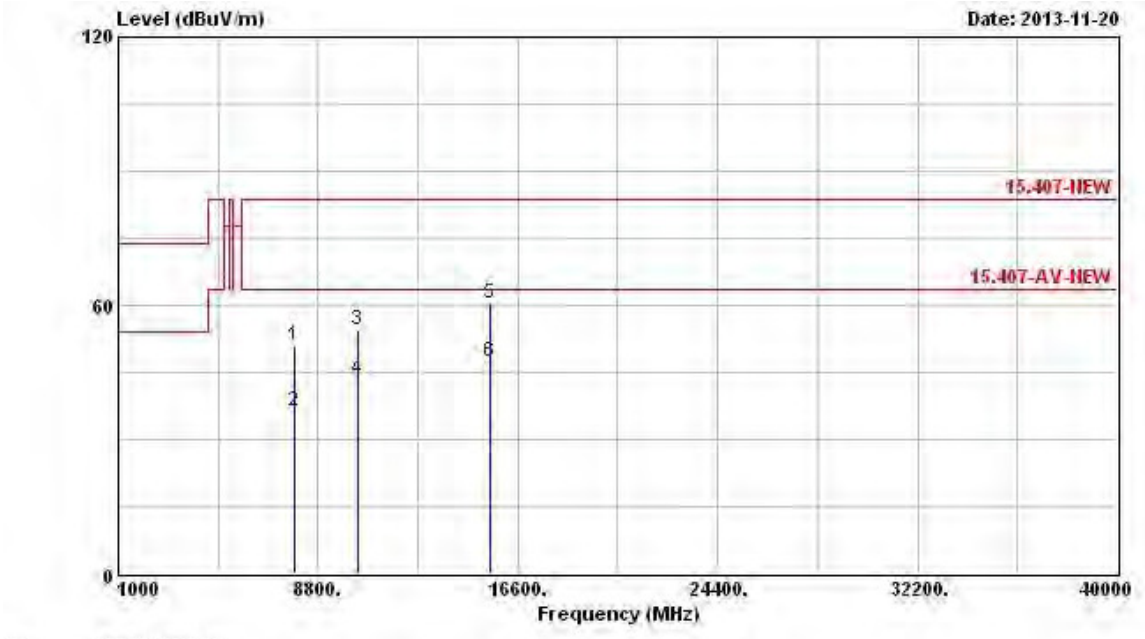
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	50.25	-33.29	83.54	44.37	35.30	5.61	35.03	Peak
2	7620.000	37.02	-26.52	63.54	31.14	35.30	5.61	35.03	Average
3	10480.000	54.88	-28.66	83.54	45.92	37.59	6.30	34.93	Peak
4	10480.000	45.19	-18.35	63.54	36.23	37.59	6.30	34.93	Average
5	15700.000	45.64	-17.90	63.54	32.17	40.61	7.86	35.00	Average
6	15700.000	61.13	-22.41	83.54	47.66	40.61	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

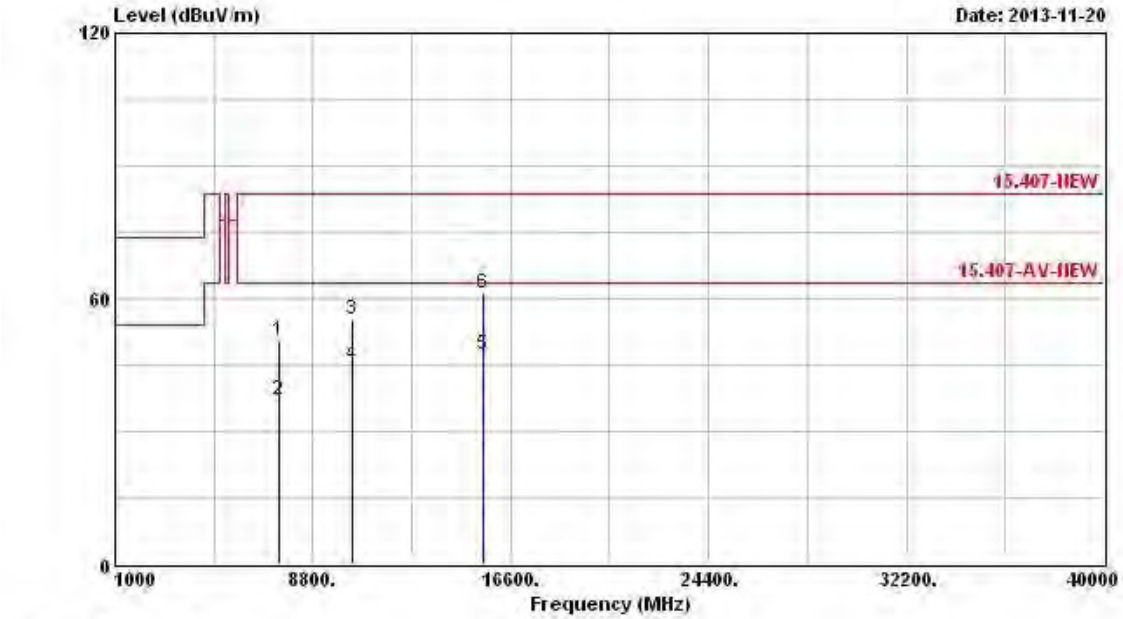
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7886.980	50.88	-32.66	83.54	45.32	35.30	5.38	35.12	Peak
2	7886.980	36.40	-27.14	63.54	30.84	35.30	5.38	35.12	Average
3	10360.000	54.46	-29.08	83.54	45.61	37.52	6.38	35.05	Peak
4	10360.000	43.45	-20.09	63.54	34.60	37.52	6.38	35.05	Average
5	15540.000	60.59	-22.95	83.54	47.00	40.43	7.99	34.83	Peak
6	15540.000	47.39	-16.15	63.54	33.80	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

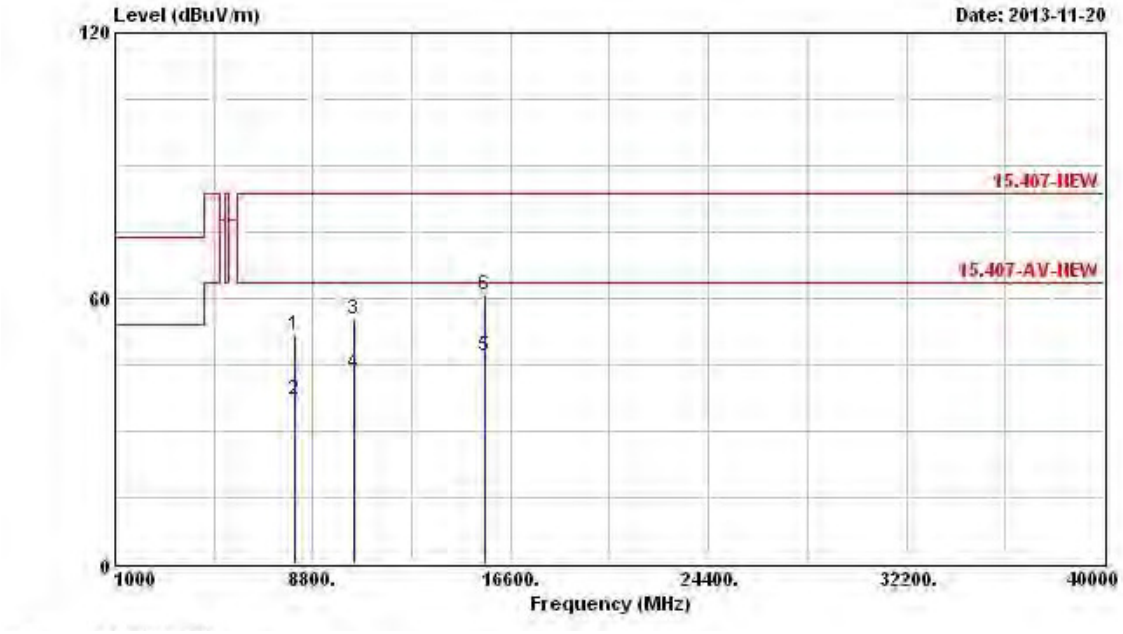
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7454.080	50.54	-33.00	83.54	44.61	35.30	5.61	34.98	Peak
2	7454.080	36.92	-26.62	63.54	30.99	35.30	5.61	34.98	Average
3	10360.000	55.11	-28.43	83.54	46.26	37.52	6.38	35.05	Peak
4	10360.000	45.04	-18.50	63.54	36.19	37.52	6.38	35.05	Average
5	15540.000	47.30	-16.24	63.54	33.71	40.43	7.99	34.83	Average
6	15540.000	61.06	-22.48	83.54	47.47	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

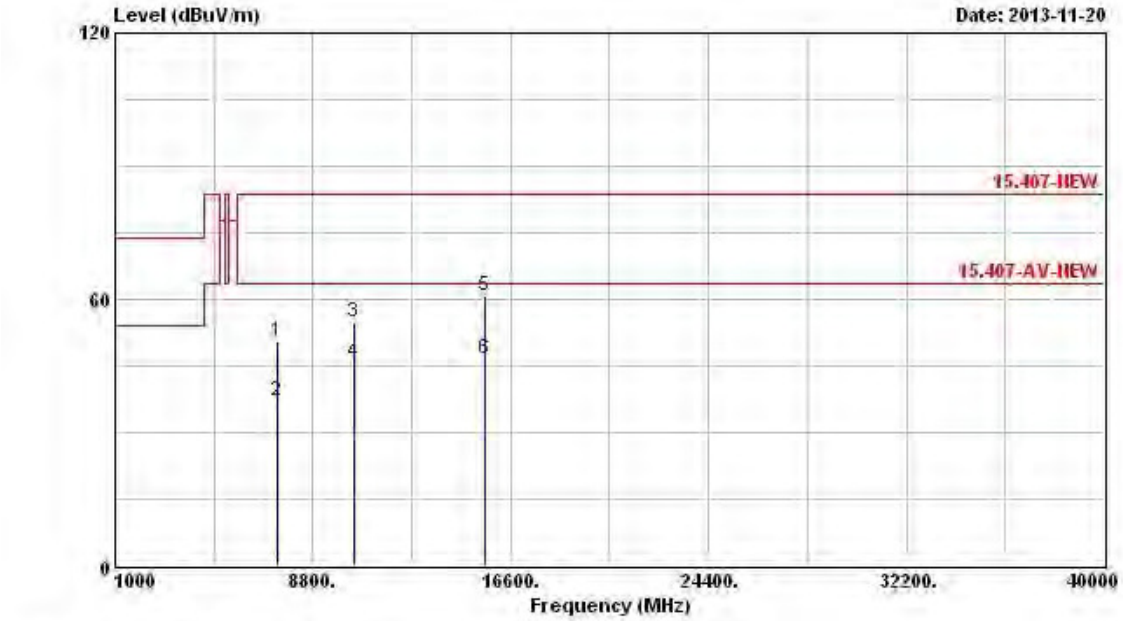
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8067.150	51.65	-31.89	83.54	46.13	35.34	5.33	35.15	Peak
2	8067.150	36.91	-26.63	63.54	31.39	35.34	5.33	35.15	Average
3	10400.000	55.43	-28.11	83.54	46.54	37.54	6.35	35.00	Peak
4	10400.000	43.09	-20.45	63.54	34.20	37.54	6.35	35.00	Average
5	15600.000	46.82	-16.72	63.54	33.28	40.50	7.96	34.92	Average
6	15600.000	60.63	-22.91	83.54	47.09	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

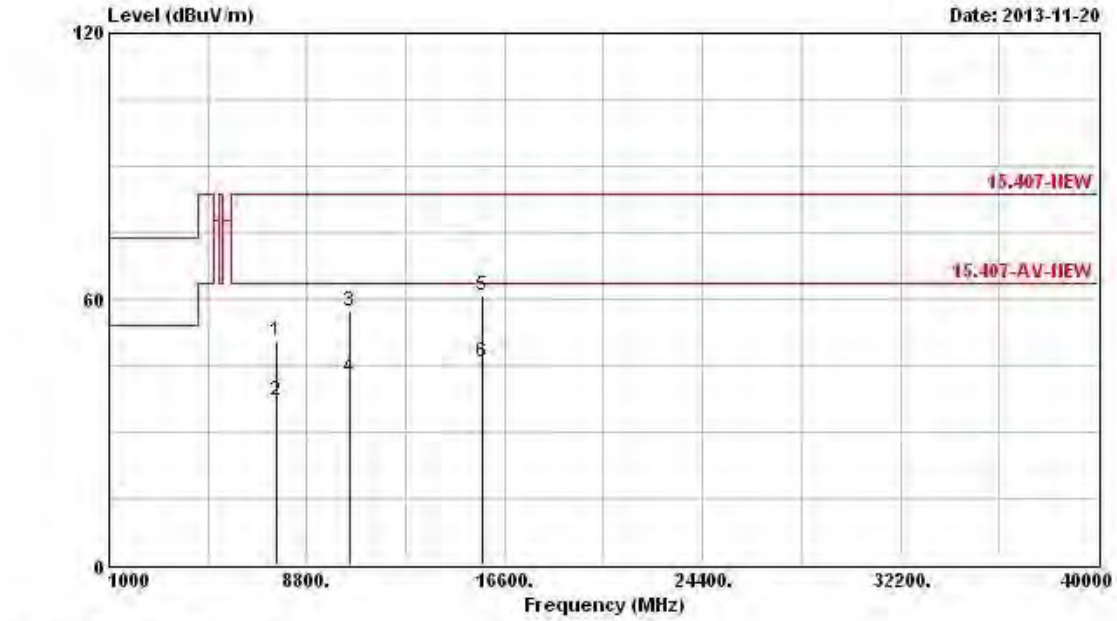
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7393.950	50.55	-32.99	83.54	44.65	35.30	5.57	34.97	Peak
2	7393.950	36.99	-26.55	63.54	31.09	35.30	5.57	34.97	Average
3	10400.000	54.94	-28.60	83.54	46.05	37.54	6.35	35.00	Peak
4	10400.000	45.79	-17.75	63.54	36.90	37.54	6.35	35.00	Average
5	15600.000	60.68	-22.86	83.54	47.14	40.50	7.96	34.92	Peak
6	15600.000	46.77	-16.77	63.54	33.23	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

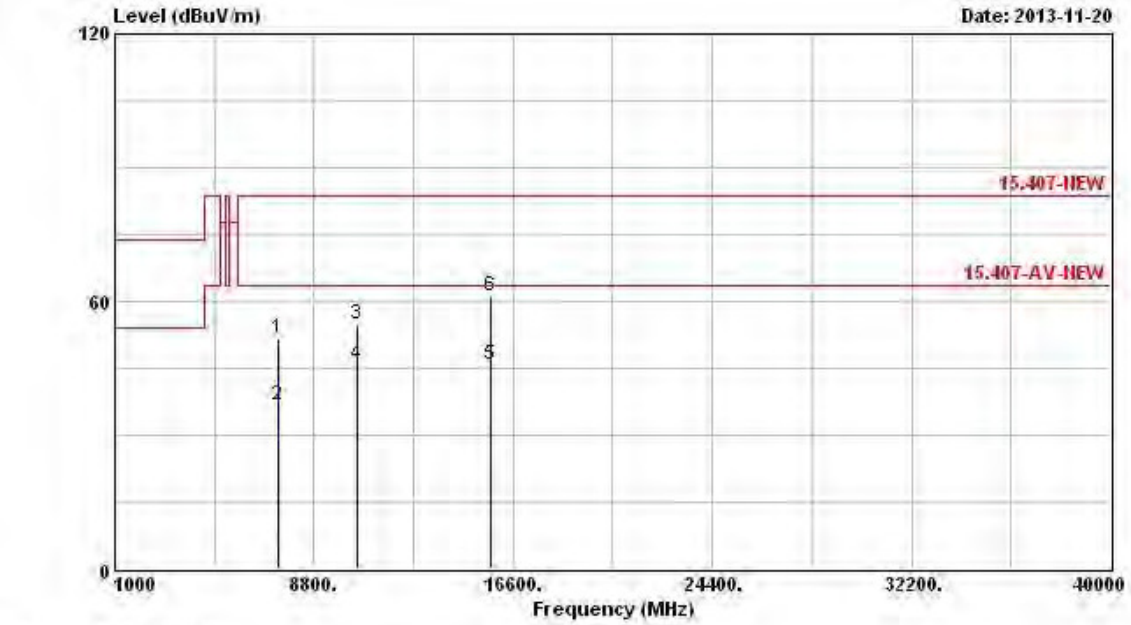
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7586.150	50.57	-32.97	83.54	44.65	35.30	5.64	35.02	Peak
2	7586.150	37.16	-26.38	63.54	31.24	35.30	5.64	35.02	Average
3	10480.000	57.11	-26.43	83.54	48.15	37.59	6.30	34.93	Peak
4	10480.000	42.29	-21.25	63.54	33.33	37.59	6.30	34.93	Average
5	15720.000	60.72	-22.82	83.54	47.27	40.62	7.86	35.03	Peak
6	15720.000	45.67	-17.87	63.54	32.22	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

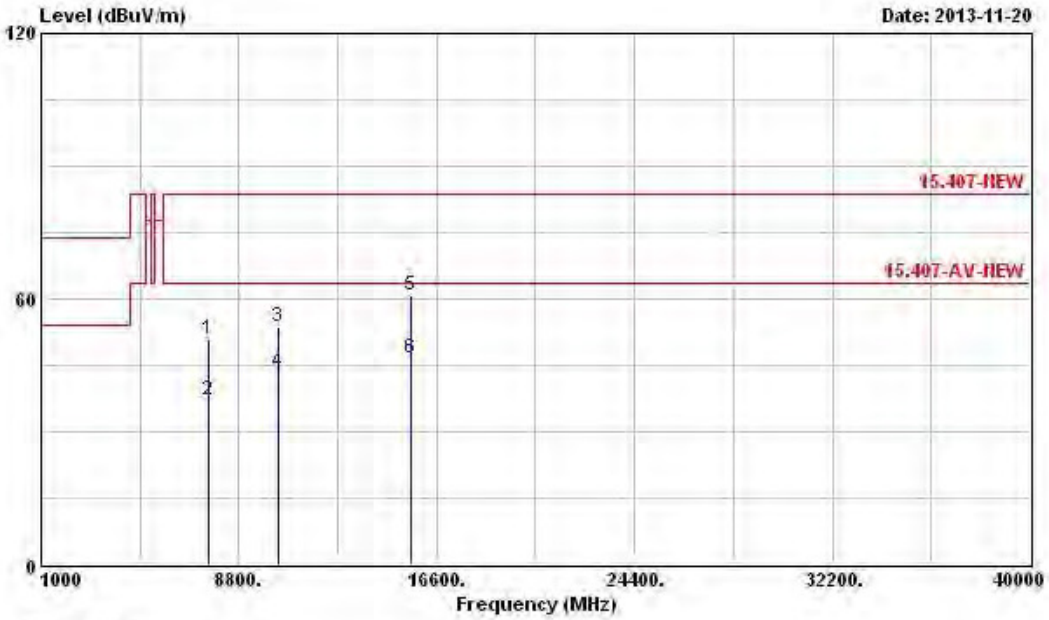
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7393.750	51.65	-31.89	83.54	45.75	35.30	5.57	34.97	Peak
2	7393.750	36.90	-26.64	63.54	31.00	35.30	5.57	34.97	Average
3	10480.000	54.89	-28.65	83.54	45.93	37.59	6.30	34.93	Peak
4	10480.000	45.87	-17.67	63.54	36.91	37.59	6.30	34.93	Average
5	15720.000	45.60	-17.94	63.54	32.15	40.62	7.86	35.03	Average
6	15720.000	61.23	-22.31	83.54	47.78	40.62	7.86	35.03	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

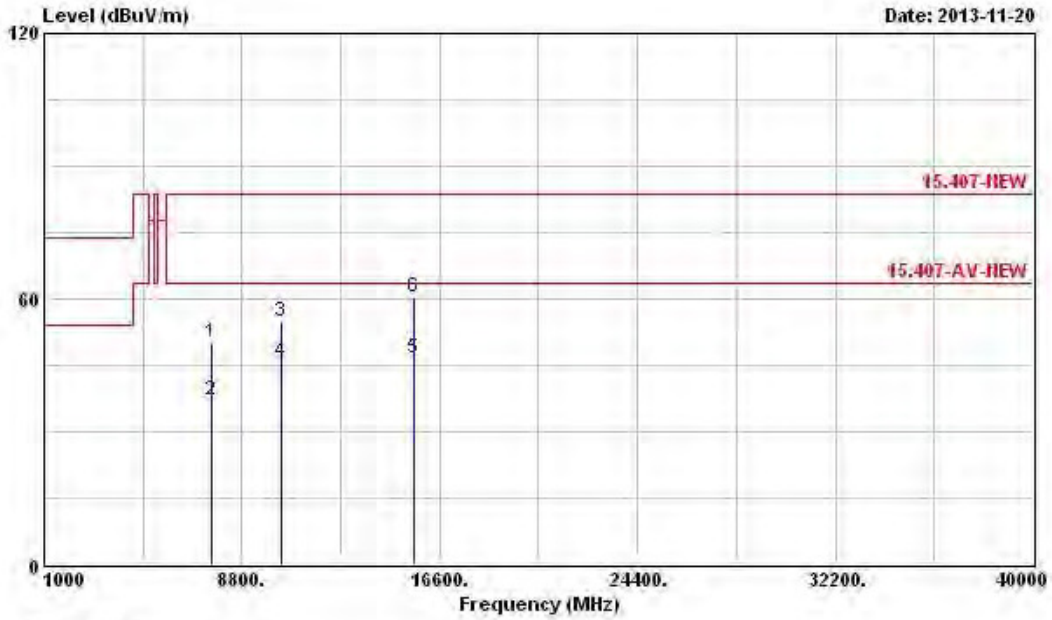
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 2)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	50.82	-32.72	83.54	44.90	35.30	5.64	35.02	Peak
2	7608.000	37.28	-26.26	63.54	31.36	35.30	5.64	35.02	Average
3	10380.000	53.73	-29.81	83.54	44.88	37.53	6.35	35.03	Peak
4	10380.000	43.31	-20.23	63.54	34.46	37.53	6.35	35.03	Average
5	15570.000	60.61	-22.93	83.54	47.04	40.47	7.96	34.86	Peak
6	15570.000	46.74	-16.80	63.54	33.17	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

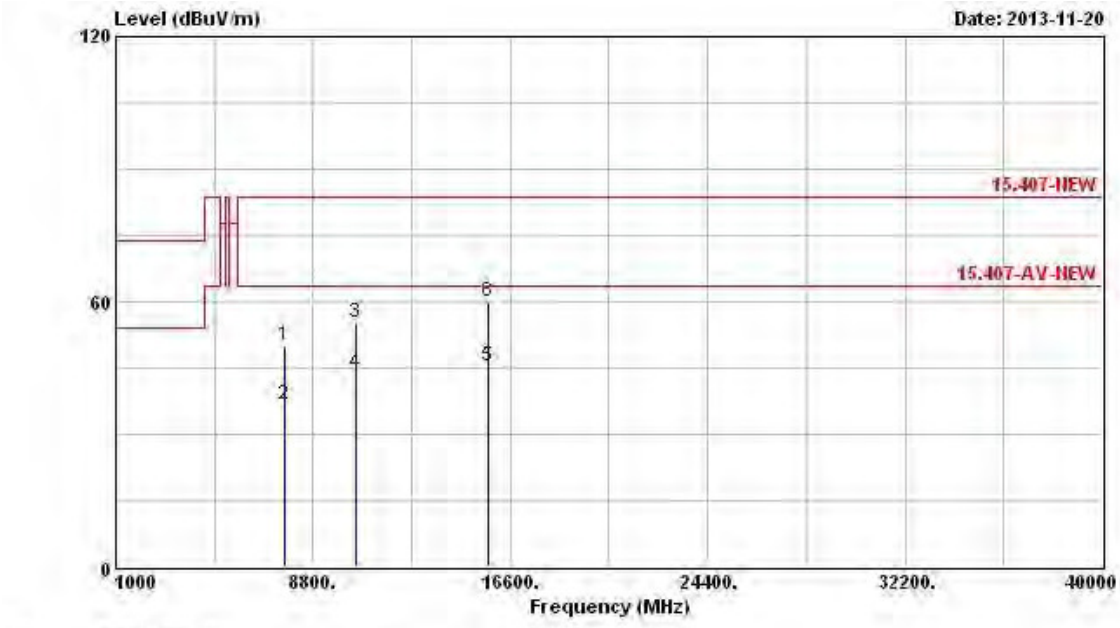
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 2)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	50.18	-33.36	83.54	44.30	35.30	5.61	35.03	Peak
2	7620.000	37.20	-26.34	63.54	31.32	35.30	5.61	35.03	Average
3	10380.000	54.73	-28.81	83.54	45.88	37.53	6.35	35.03	Peak
4	10380.000	45.67	-17.87	63.54	36.82	37.53	6.35	35.03	Average
5	15570.000	46.76	-16.78	63.54	33.19	40.47	7.96	34.86	Average
6	15570.000	60.37	-23.17	83.54	46.80	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

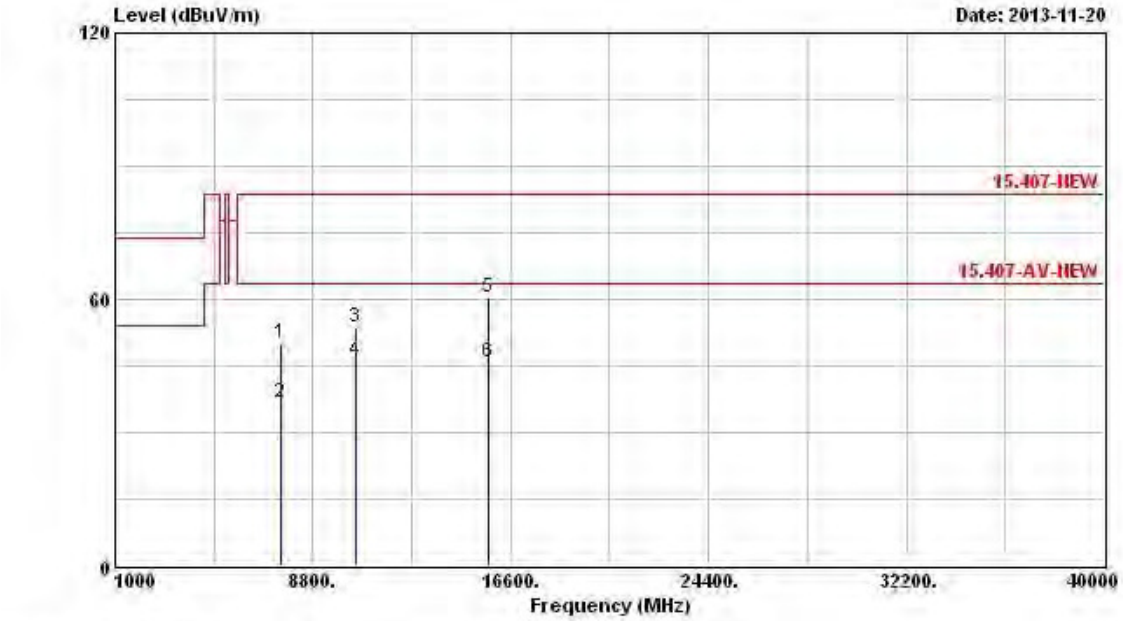
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 2)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7656.000	50.05	-33.49	83.54	44.21	35.30	5.58	35.04	Peak
2	7656.000	36.66	-26.88	63.54	30.82	35.30	5.58	35.04	Average
3	10460.000	55.11	-28.43	83.54	46.20	37.57	6.30	34.96	Peak
4	10460.000	43.82	-19.72	63.54	34.91	37.57	6.30	34.96	Average
5	15690.000	45.52	-18.02	63.54	32.07	40.59	7.86	35.00	Average
6	15690.000	60.10	-23.44	83.54	46.65	40.59	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

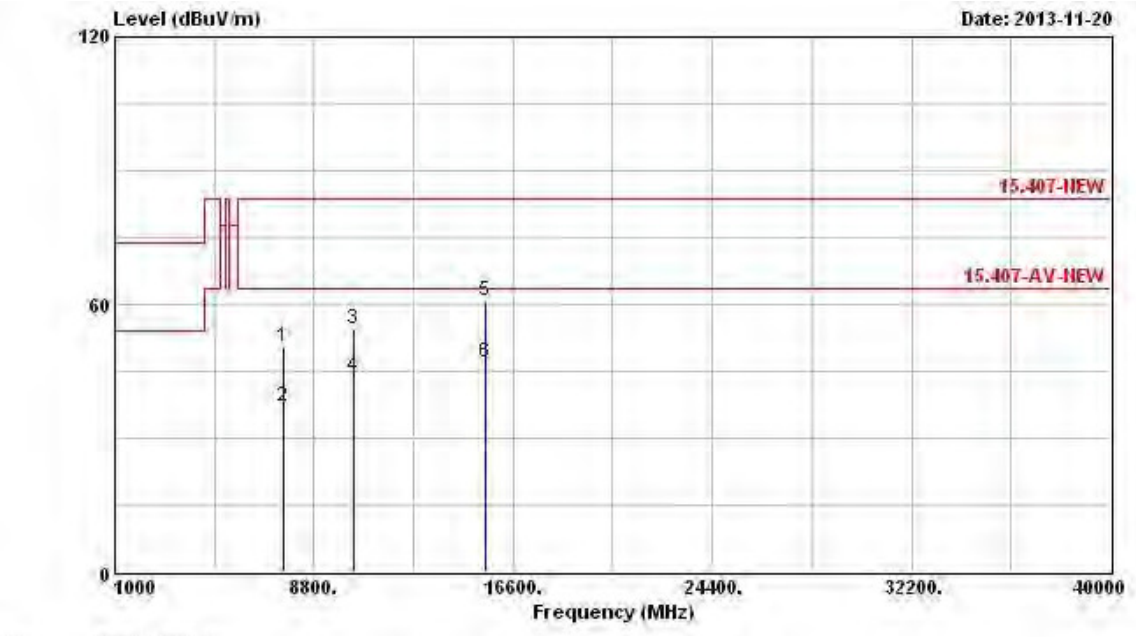
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 2)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7560.000	50.27	-33.27	83.54	44.30	35.30	5.68	35.01	Peak
2	7560.000	36.83	-26.71	63.54	30.86	35.30	5.68	35.01	Average
3	10460.000	53.84	-29.70	83.54	44.93	37.57	6.30	34.96	Peak
4	10460.000	46.31	-17.23	63.54	37.40	37.57	6.30	34.96	Average
5	15690.000	60.24	-23.30	83.54	46.79	40.59	7.86	35.00	Peak
6	15690.000	45.67	-17.87	63.54	32.22	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

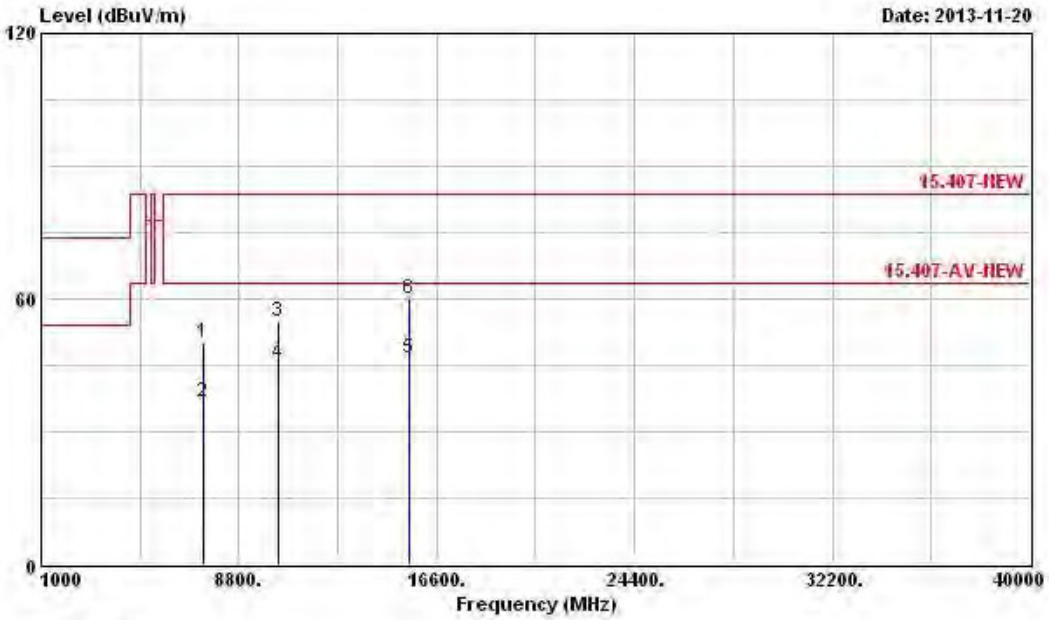
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	50.57	-32.97	83.54	44.65	35.30	5.64	35.02	Peak
2	7608.000	37.14	-26.40	63.54	31.22	35.30	5.64	35.02	Average
3	10360.000	54.56	-28.98	83.54	45.71	37.52	6.38	35.05	Peak
4	10360.000	43.98	-19.56	63.54	35.13	37.52	6.38	35.05	Average
5	15540.000	60.66	-22.88	83.54	47.07	40.43	7.99	34.83	Peak
6	15540.000	47.05	-16.49	63.54	33.46	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

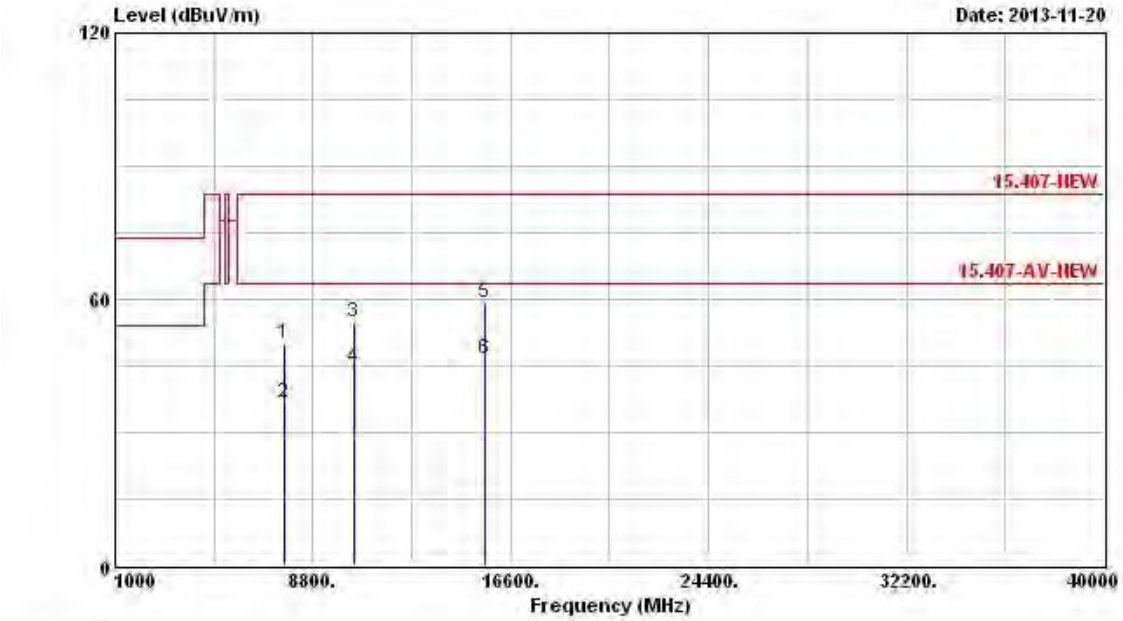
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7416.000	50.07	-33.47	83.54	44.14	35.30	5.61	34.98	Peak
2	7416.000	36.63	-26.91	63.54	30.70	35.30	5.61	34.98	Average
3	10360.000	54.98	-28.56	83.54	46.13	37.52	6.38	35.05	Peak
4	10360.000	45.36	-18.18	63.54	36.51	37.52	6.38	35.05	Average
5	15540.000	46.77	-16.77	63.54	33.18	40.43	7.99	34.83	Average
6	15540.000	60.04	-23.50	83.54	46.45	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

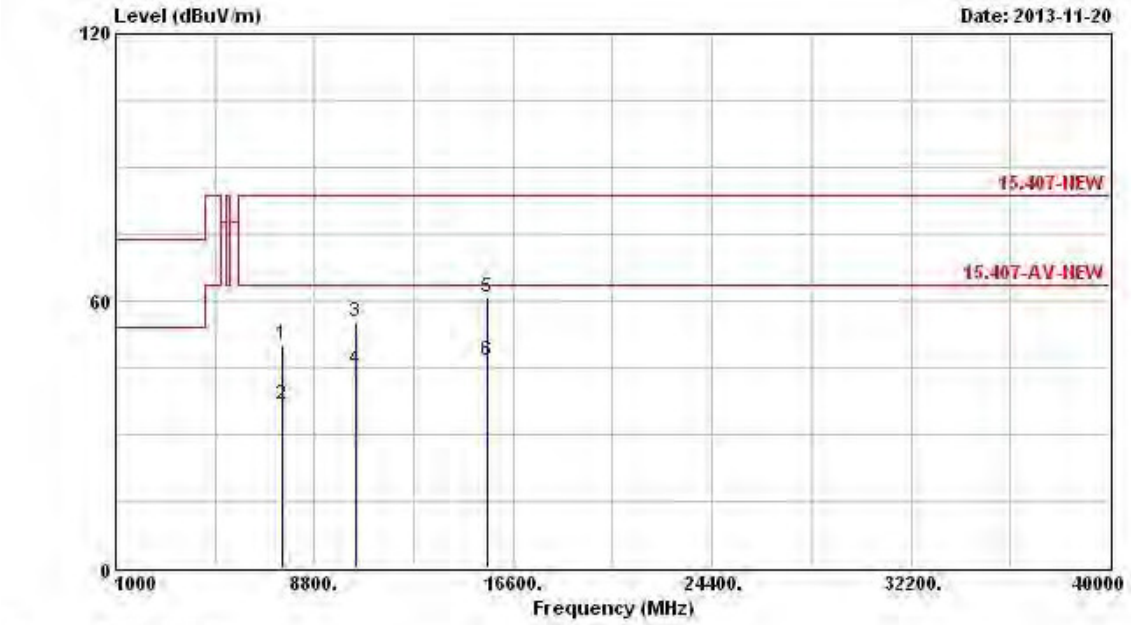
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7704.000	50.22	-33.32	83.54	44.44	35.30	5.54	35.06	Peak
2	7704.000	36.68	-26.86	63.54	30.90	35.30	5.54	35.06	Average
3	10400.000	54.85	-28.69	83.54	45.96	37.54	6.35	35.00	Peak
4	10400.000	44.80	-18.74	63.54	35.91	37.54	6.35	35.00	Average
5	15600.000	59.33	-24.21	83.54	45.79	40.50	7.96	34.92	Peak
6	15600.000	46.46	-17.08	63.54	32.92	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

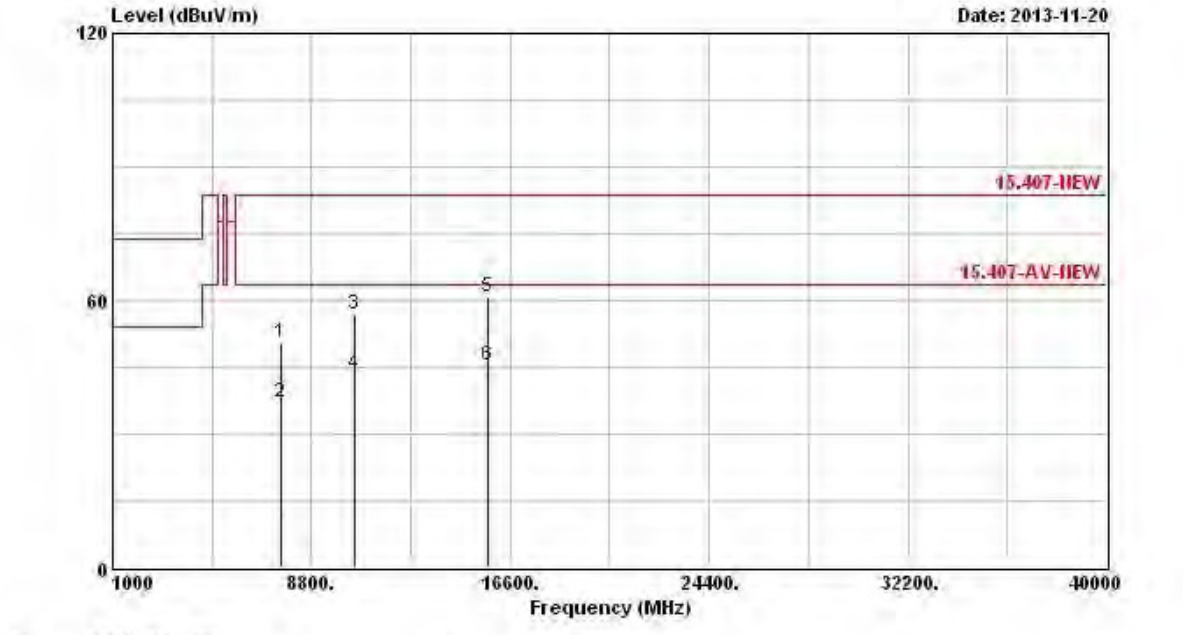
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	50.01	-33.53	83.54	44.00	35.30	5.71	35.00	Peak
2	7524.000	36.73	-26.81	63.54	30.72	35.30	5.71	35.00	Average
3	10400.000	55.30	-28.24	83.54	46.41	37.54	6.35	35.00	Peak
4	10400.000	44.49	-19.05	63.54	35.60	37.54	6.35	35.00	Average
5	15600.000	60.72	-22.82	83.54	47.18	40.50	7.96	34.92	Peak
6	15600.000	46.47	-17.07	63.54	32.93	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

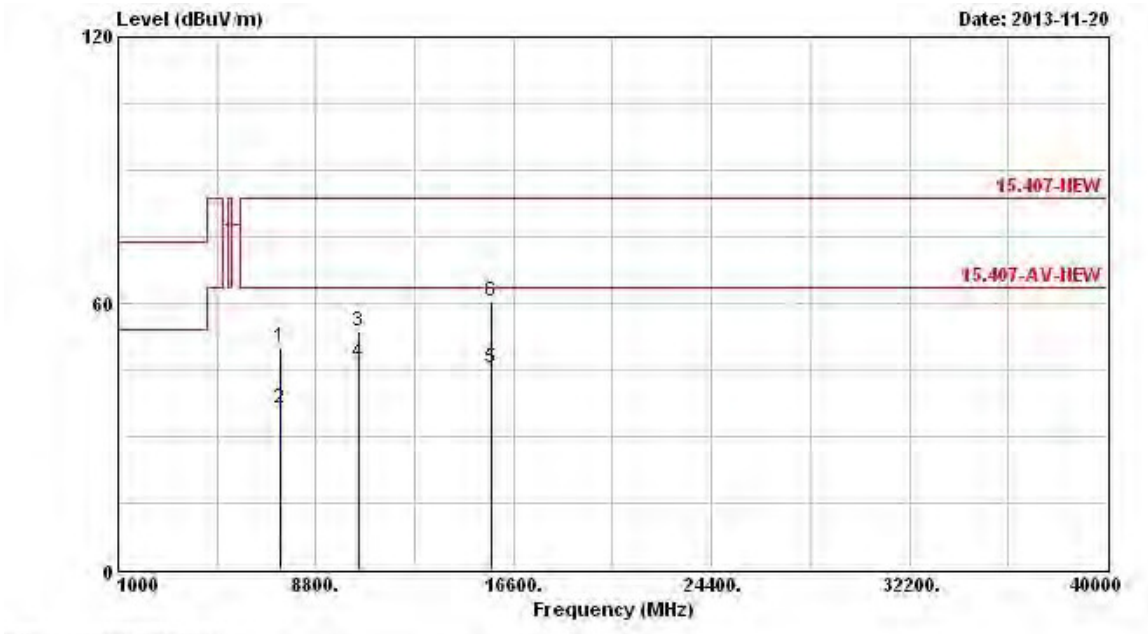
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	50.38	-33.16	83.54	44.50	35.30	5.61	35.03	Peak
2	7620.000	37.11	-26.43	63.54	31.23	35.30	5.61	35.03	Average
3	10480.000	56.85	-26.69	83.54	47.89	37.59	6.30	34.93	Peak
4	10480.000	43.55	-19.99	63.54	34.59	37.59	6.30	34.93	Average
5	15700.000	60.75	-22.79	83.54	47.28	40.61	7.86	35.00	Peak
6	15700.000	45.51	-18.03	63.54	32.04	40.61	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

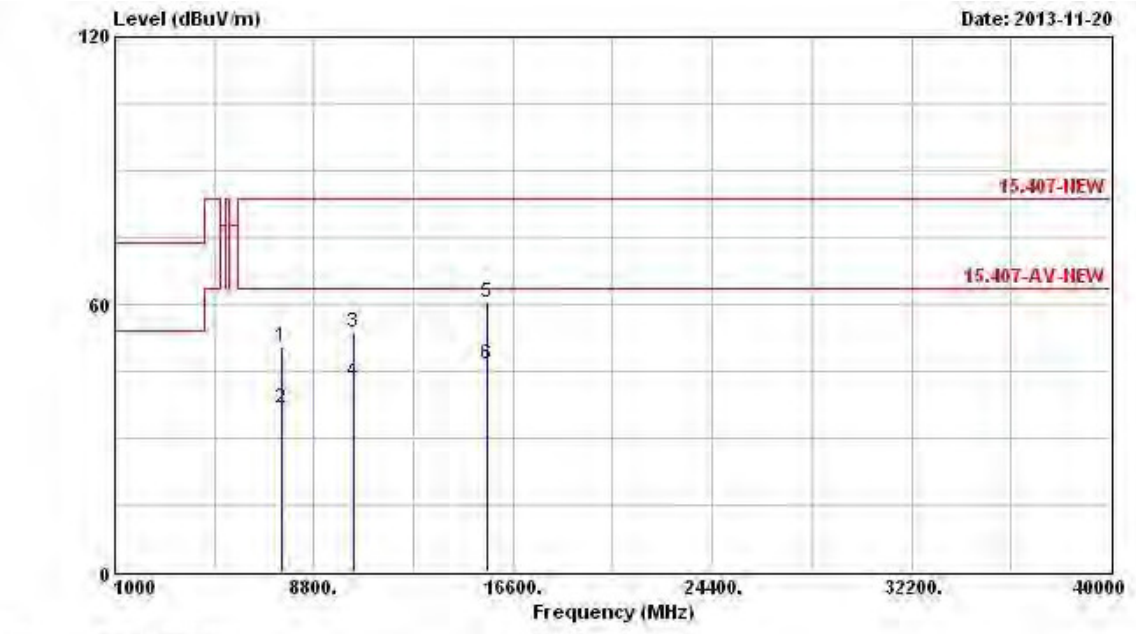
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 2)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7380.000	50.03	-33.51	83.54	44.13	35.30	5.57	34.97	Peak
2	7380.000	36.50	-27.04	63.54	30.60	35.30	5.57	34.97	Average
3	10480.000	53.55	-29.99	83.54	44.59	37.59	6.30	34.93	Peak
4	10480.000	46.58	-16.96	63.54	37.62	37.59	6.30	34.93	Average
5	15700.000	45.43	-18.11	63.54	31.96	40.61	7.86	35.00	Average
6	15700.000	60.50	-23.04	83.54	47.03	40.61	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

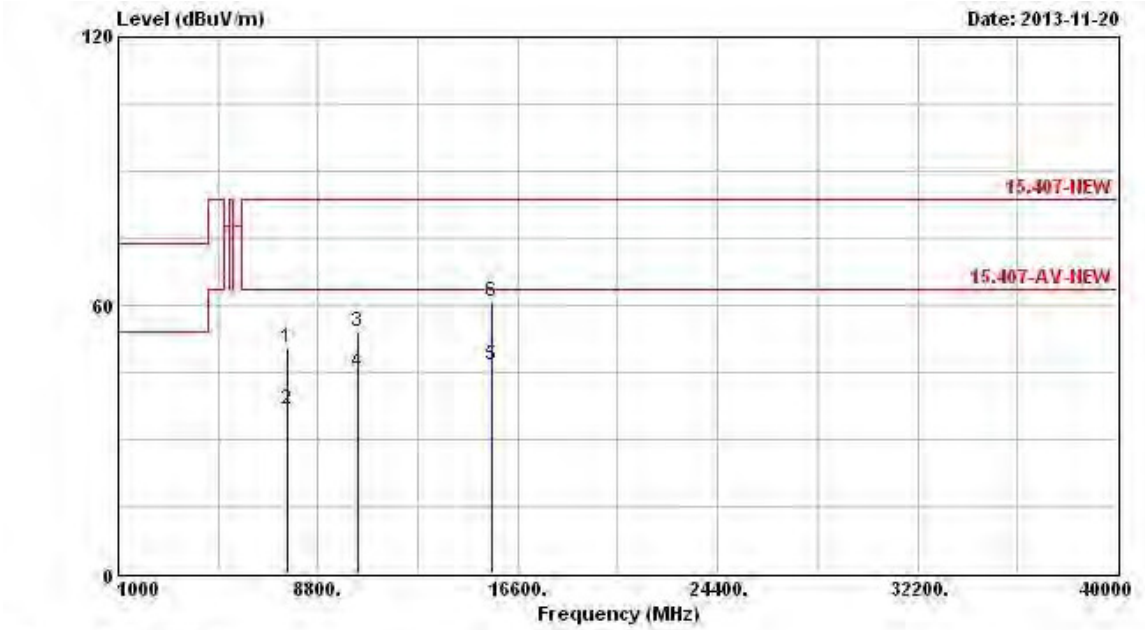
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 2)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	50.36	-33.18	83.54	44.35	35.30	5.71	35.00	Peak
2	7524.000	36.62	-26.92	63.54	30.61	35.30	5.71	35.00	Average
3	10380.000	53.79	-29.75	83.54	44.94	37.53	6.35	35.03	Peak
4	10380.000	42.50	-21.04	63.54	33.65	37.53	6.35	35.03	Average
5	15570.000	60.41	-23.13	83.54	46.84	40.47	7.96	34.86	Peak
6	15570.000	46.56	-16.98	63.54	32.99	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

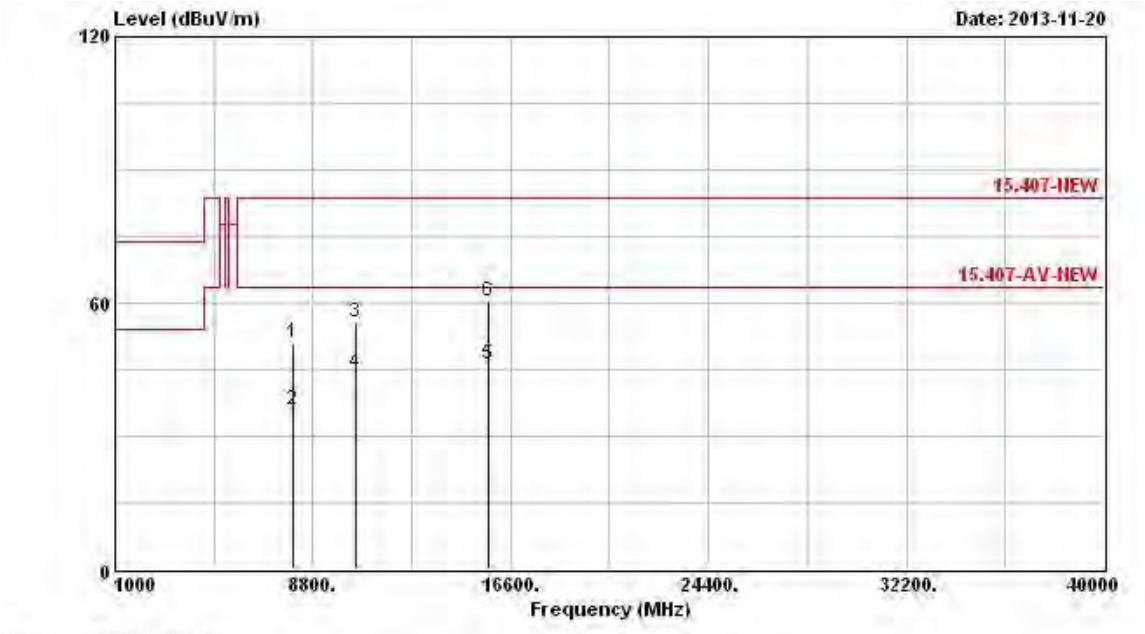
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 2)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	50.35	-33.19	83.54	44.47	35.30	5.61	35.03	Peak
2	7620.000	36.80	-26.74	63.54	30.92	35.30	5.61	35.03	Average
3	10380.000	54.07	-29.47	83.54	45.22	37.53	6.35	35.03	Peak
4	10380.000	44.83	-38.71	83.54	35.98	37.53	6.35	35.03	Peak
5	15570.000	46.53	-17.01	63.54	32.96	40.47	7.96	34.86	Average
6	15570.000	60.74	-22.80	83.54	47.17	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

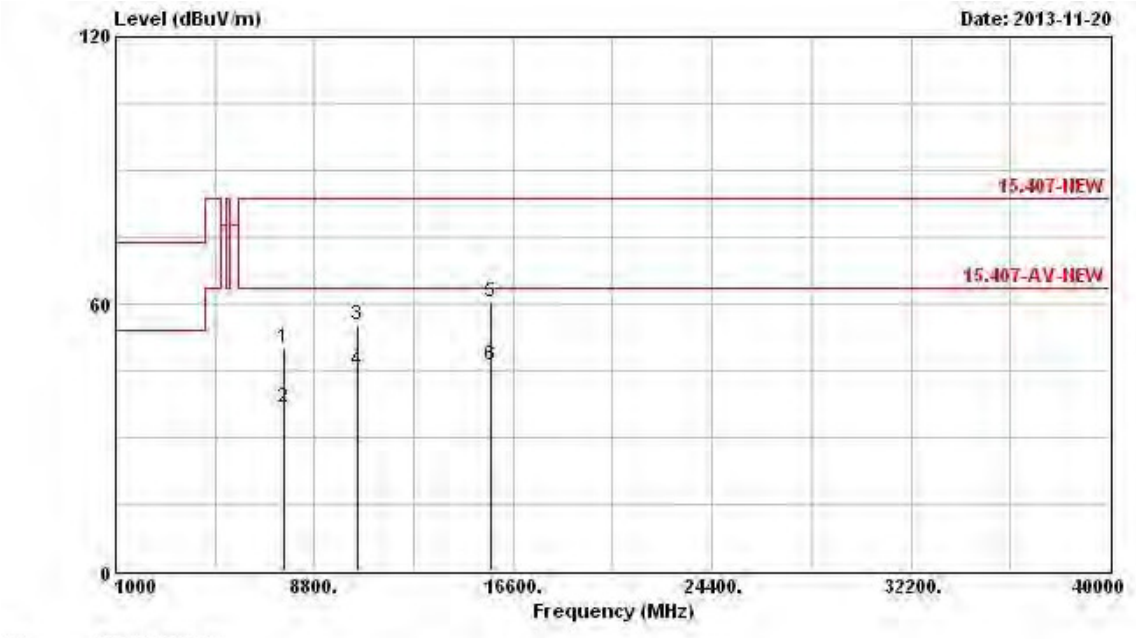
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 2)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8004.000	50.81	-32.73	83.54	45.35	35.30	5.32	35.16	Peak
2	8004.000	35.86	-27.68	63.54	30.40	35.30	5.32	35.16	Average
3	10460.000	55.76	-27.78	83.54	46.85	37.57	6.30	34.96	Peak
4	10460.000	44.04	-19.50	63.54	35.13	37.57	6.30	34.96	Average
5	15690.000	46.26	-17.28	63.54	32.81	40.59	7.86	35.00	Average
6	15690.000	60.41	-23.13	83.54	46.96	40.59	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

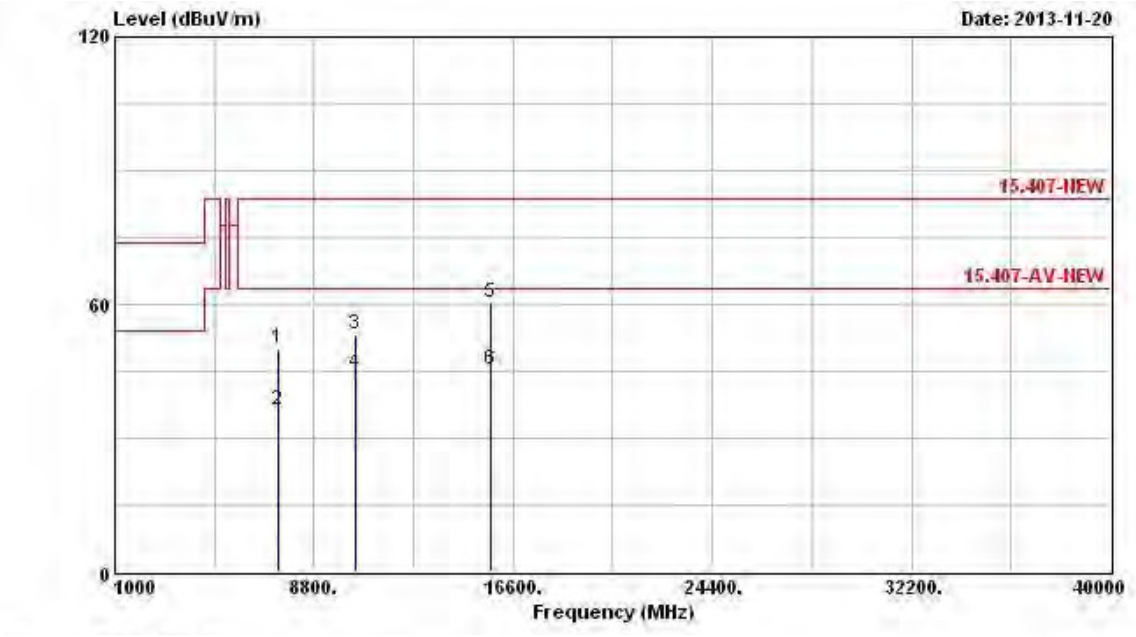
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 2)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	50.04	-33.50	83.54	44.12	35.30	5.64	35.02	Peak
2	7608.000	36.86	-26.68	63.54	30.94	35.30	5.64	35.02	Average
3	10460.000	55.45	-28.09	83.54	46.54	37.57	6.30	34.96	Peak
4	10460.000	44.86	-18.68	63.54	35.95	37.57	6.30	34.96	Average
5	15690.000	60.21	-23.33	83.54	46.76	40.59	7.86	35.00	Peak
6	15690.000	46.27	-17.27	63.54	32.82	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

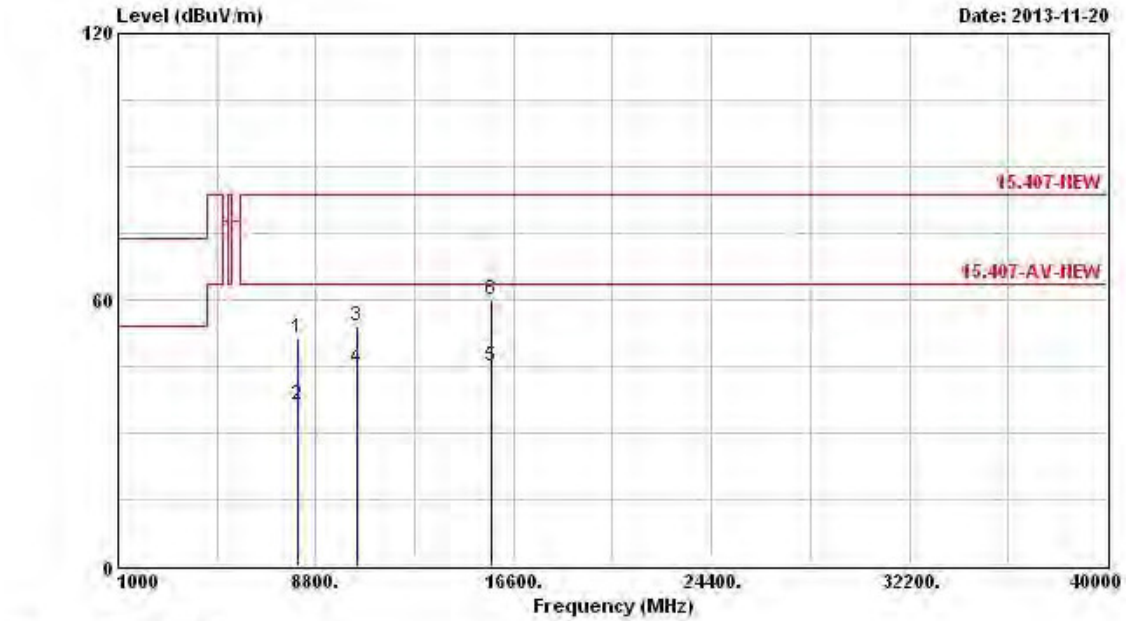
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 2)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7380.000	50.02	-33.52	83.54	44.12	35.30	5.57	34.97	Peak
2	7380.000	36.39	-27.15	63.54	30.49	35.30	5.57	34.97	Average
3	10420.000	53.30	-30.24	83.54	44.42	37.55	6.33	35.00	Peak
4	10420.000	44.47	-19.07	63.54	35.59	37.55	6.33	35.00	Average
5	15720.000	60.47	-23.07	83.54	47.02	40.62	7.86	35.03	Peak
6	15720.000	45.26	-18.28	63.54	31.81	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

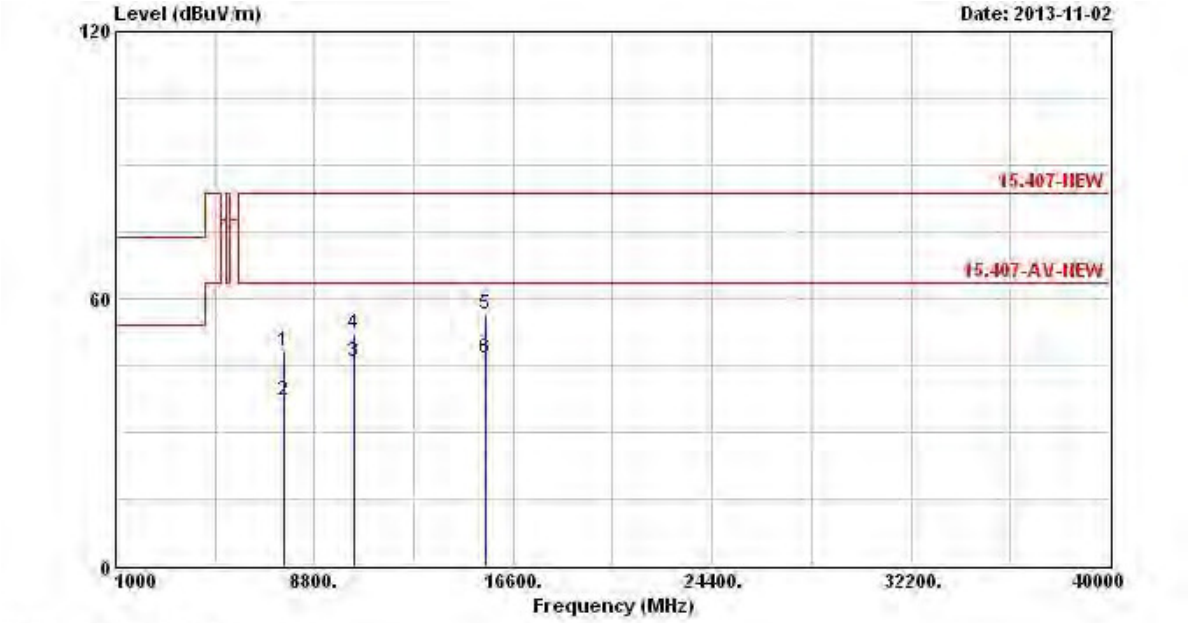
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 2)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8088.000	51.18	-32.36	83.54	45.63	35.35	5.35	35.15	Peak
2	8088.000	36.25	-27.29	63.54	30.70	35.35	5.35	35.15	Average
3	10420.000	54.18	-29.36	83.54	45.30	37.55	6.33	35.00	Peak
4	10420.000	44.79	-18.75	63.54	35.91	37.55	6.33	35.00	Average
5	15720.000	45.08	-18.46	63.54	31.63	40.62	7.86	35.03	Average
6	15720.000	60.18	-23.36	83.54	46.73	40.62	7.86	35.03	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

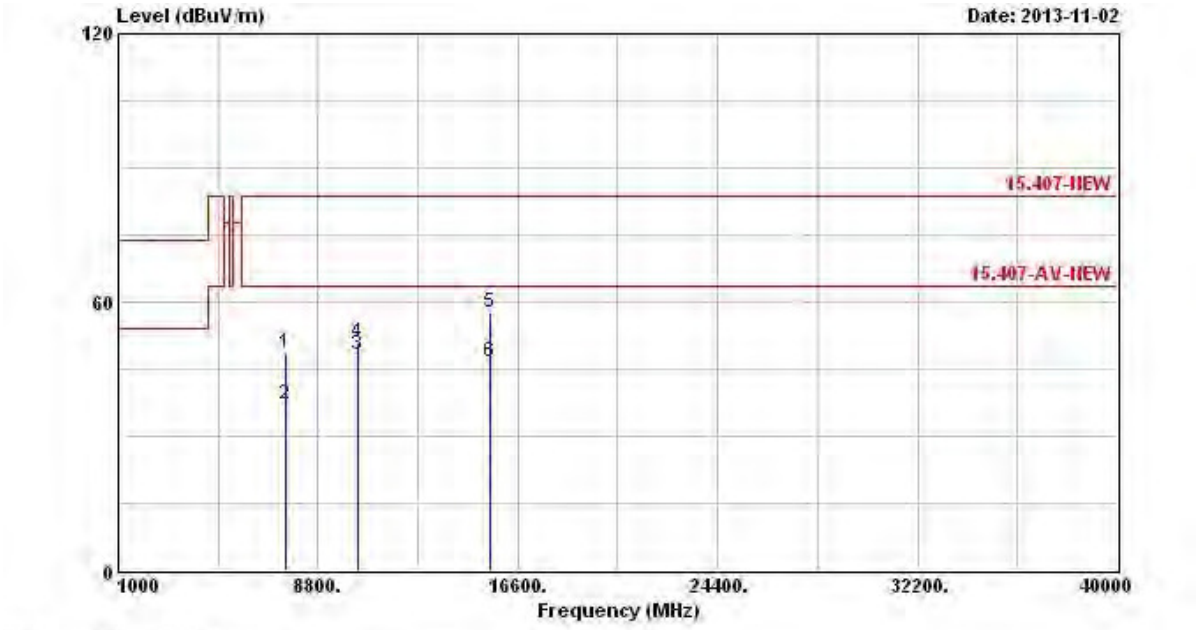
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	48.03	-35.51	83.54	42.11	35.30	5.64	35.02	Peak
2	7608.000	37.12	-26.42	63.54	31.20	35.30	5.64	35.02	Average
3	10360.000	45.65	-17.89	63.54	36.80	37.52	6.38	35.05	Average
4	10360.000	51.94	-31.60	83.54	43.09	37.52	6.38	35.05	Peak
5	15540.000	56.51	-27.03	83.54	42.92	40.43	7.99	34.83	Peak
6	15540.000	46.62	-16.92	63.54	33.03	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

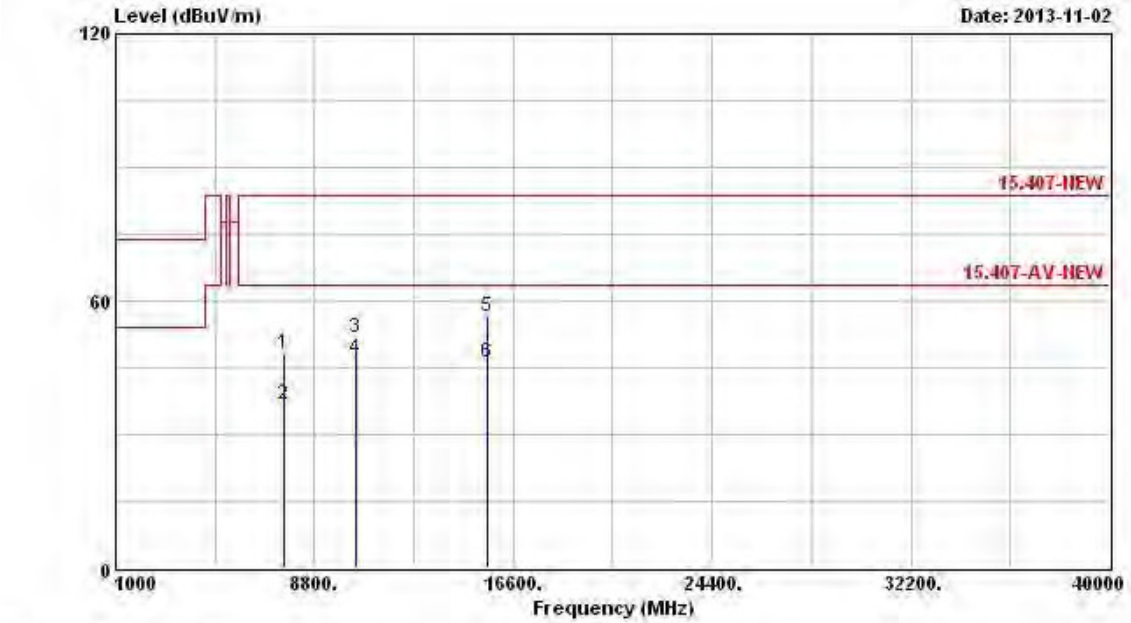
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	48.40	-35.14	83.54	42.39	35.30	5.71	35.00	Peak
2	7524.000	37.03	-26.51	63.54	31.02	35.30	5.71	35.00	Average
3	10360.000	48.03	-15.51	63.54	39.18	37.52	6.38	35.05	Average
4	10360.000	50.76	-32.78	83.54	41.91	37.52	6.38	35.05	Peak
5	15540.000	57.55	-25.99	83.54	43.96	40.43	7.99	34.83	Peak
6	15540.000	46.50	-17.04	63.54	32.91	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

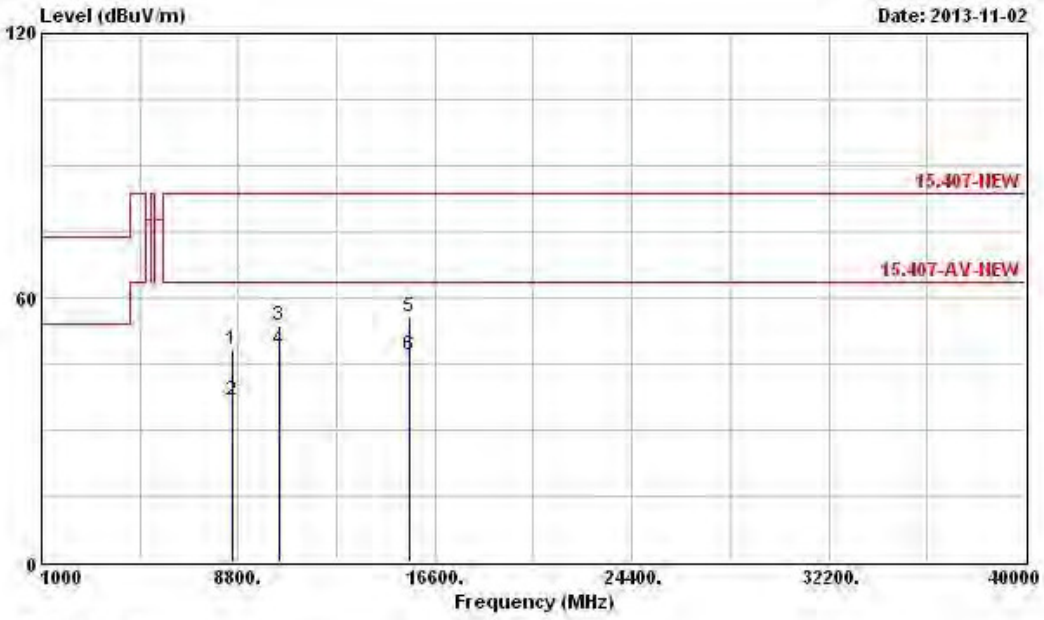
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	48.21	-35.33	83.54	42.33	35.30	5.61	35.03	Peak
2	7620.000	36.90	-26.64	63.54	31.02	35.30	5.61	35.03	Average
3	10400.000	51.79	-31.75	83.54	42.90	37.54	6.35	35.00	Peak
4	10400.000	46.89	-16.65	63.54	38.00	37.54	6.35	35.00	Average
5	15600.000	56.42	-27.12	83.54	42.88	40.50	7.96	34.92	Peak
6	15600.000	46.21	-17.33	63.54	32.67	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

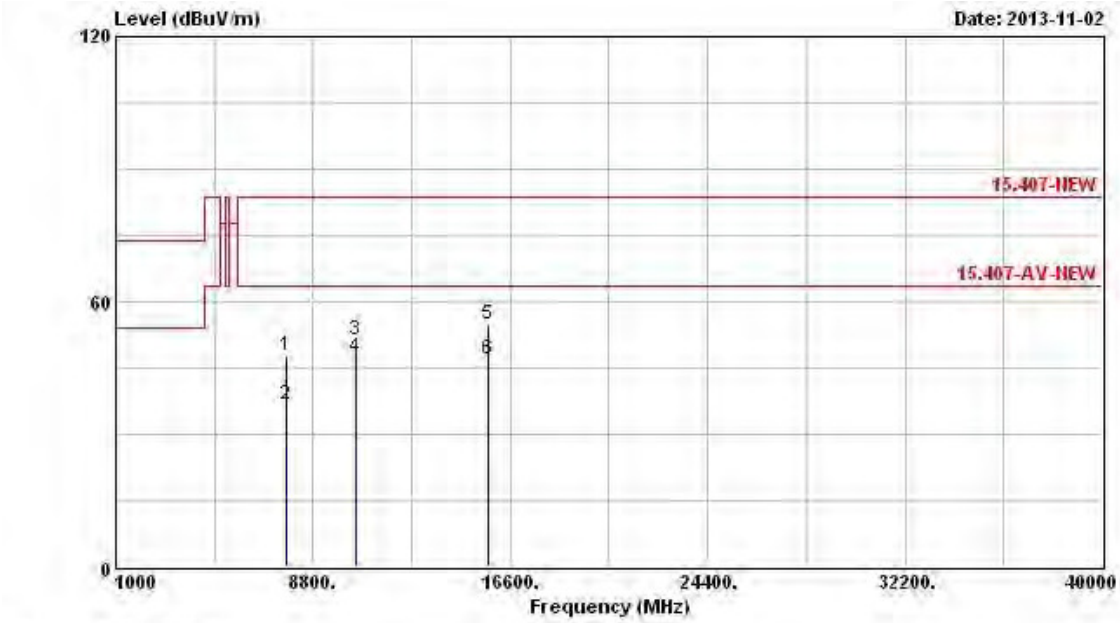
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8568.000	48.17	-35.37	83.54	42.10	35.64	5.54	35.11	Peak
2	8568.000	36.75	-26.79	63.54	30.68	35.64	5.54	35.11	Average
3	10400.000	53.75	-29.79	83.54	44.86	37.54	6.35	35.00	Peak
4	10400.000	48.15	-15.39	63.54	39.26	37.54	6.35	35.00	Average
5	15600.000	55.73	-27.81	83.54	42.19	40.50	7.96	34.92	Peak
6	15600.000	47.05	-16.49	63.54	33.51	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

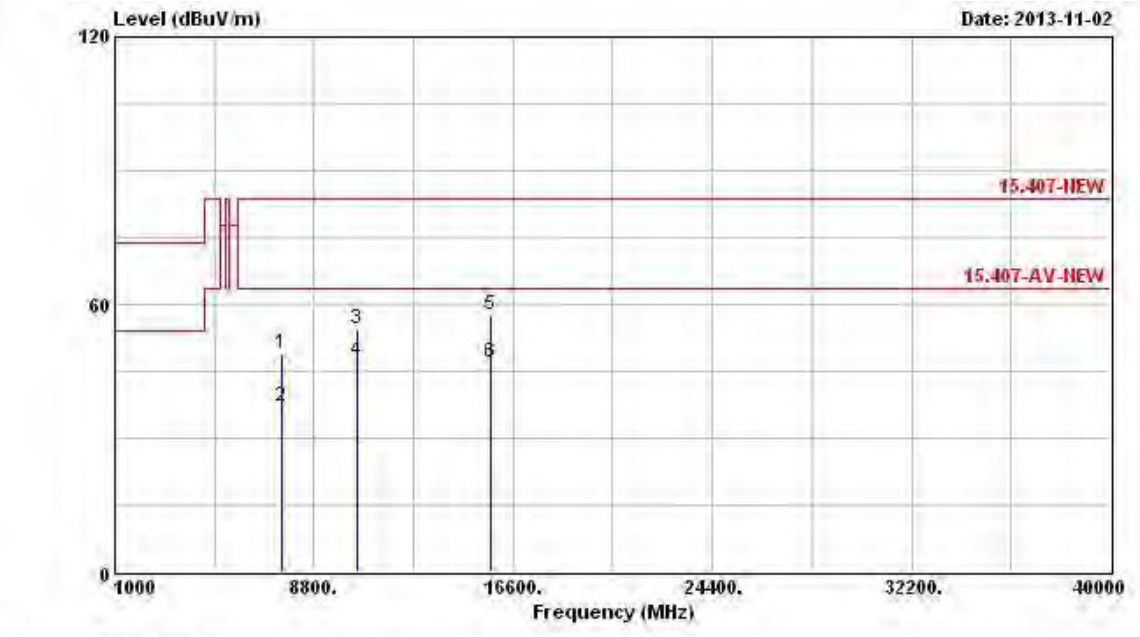
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7716.000	47.88	-35.66	83.54	42.10	35.30	5.54	35.06	Peak
2	7716.000	36.77	-26.77	63.54	30.99	35.30	5.54	35.06	Average
3	10480.000	51.29	-32.25	83.54	42.33	37.59	6.30	34.93	Peak
4	10480.000	47.32	-16.22	63.54	38.36	37.59	6.30	34.93	Average
5	15720.000	54.73	-28.81	83.54	41.28	40.62	7.86	35.03	Peak
6	15720.000	46.87	-16.67	63.54	33.42	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

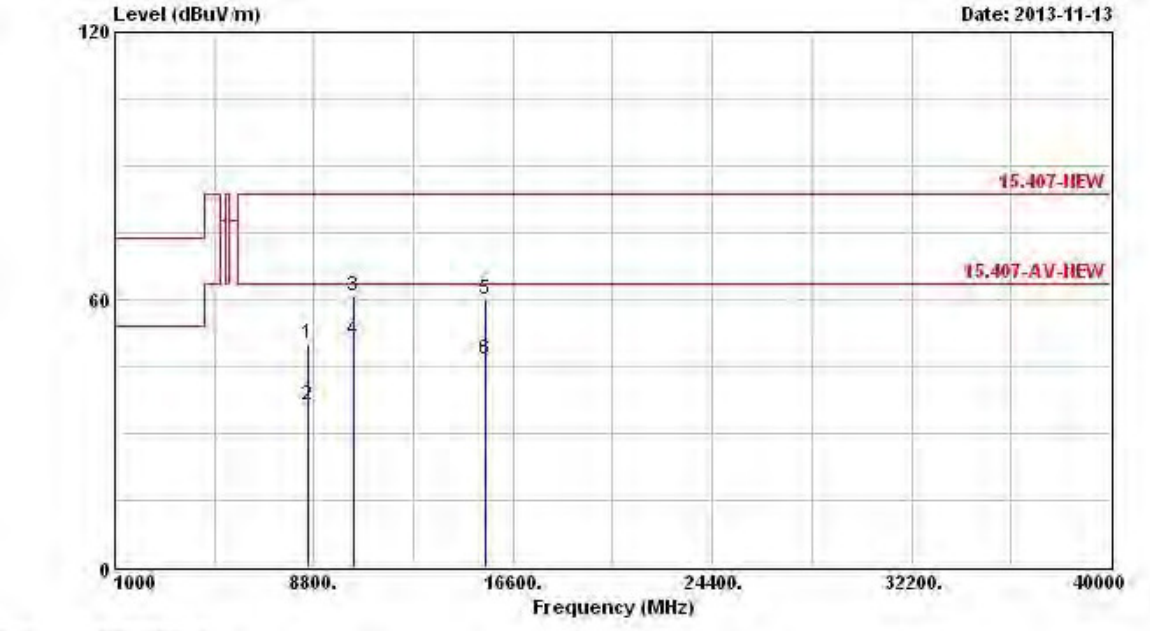
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7560.000	48.95	-34.59	83.54	42.98	35.30	5.68	35.01	Peak
2	7560.000	37.08	-26.46	63.54	31.11	35.30	5.68	35.01	Average
3	10480.000	54.65	-28.89	83.54	45.69	37.59	6.30	34.93	Peak
4	10480.000	47.45	-16.09	63.54	38.49	37.59	6.30	34.93	Average
5	15720.000	57.56	-25.98	83.54	44.11	40.62	7.86	35.03	Peak
6	15720.000	47.09	-16.45	63.54	33.64	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

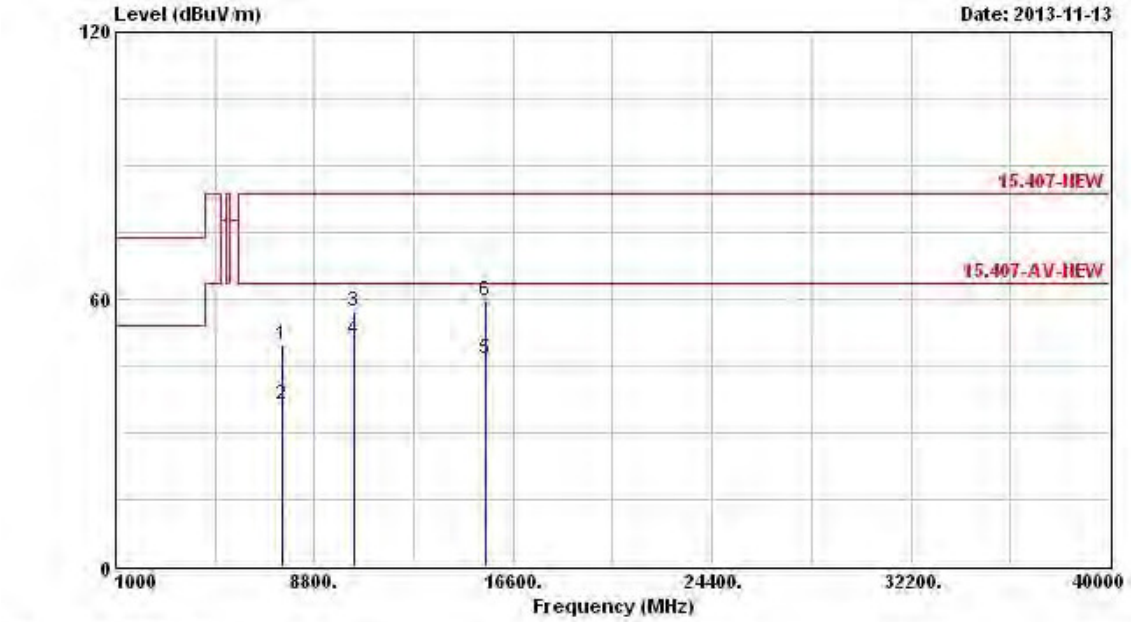
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8532.000	50.21	-33.33	83.54	44.19	35.62	5.50	35.10	Peak
2	8532.000	36.22	-27.32	63.54	30.20	35.62	5.50	35.10	Average
3	10360.000	60.76	-22.78	83.54	51.91	37.52	6.38	35.05	Peak
4	10360.000	51.01	-12.53	63.54	42.16	37.52	6.38	35.05	Average
5	15540.000	60.10	-23.44	83.54	46.51	40.43	7.99	34.83	Peak
6	15540.000	46.62	-16.92	63.54	33.03	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

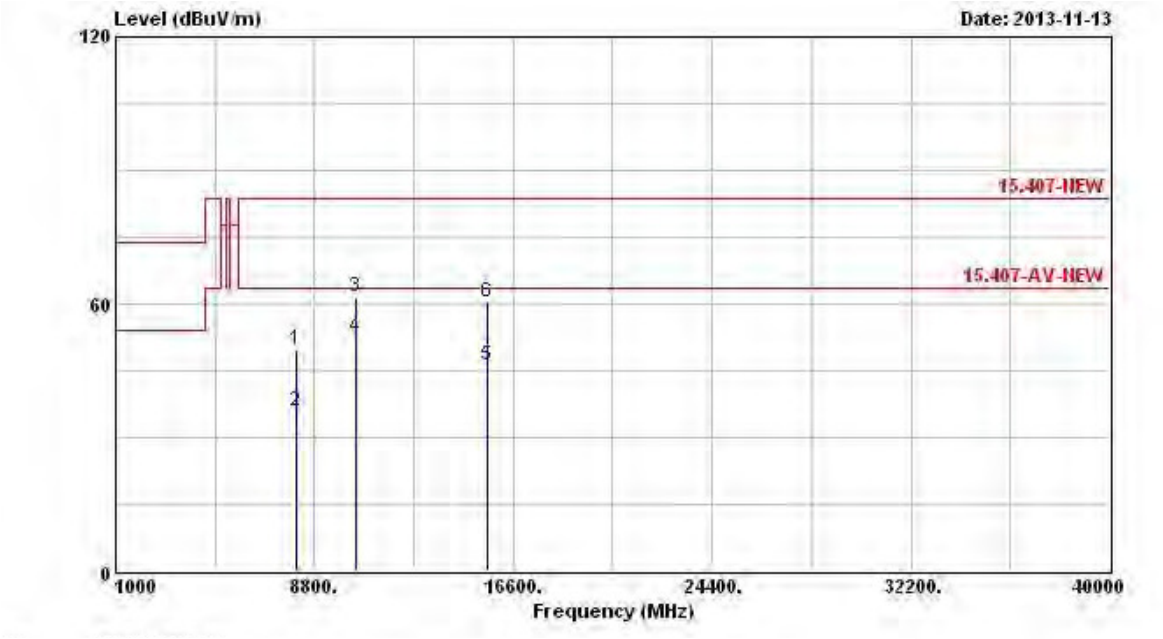
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7560.000	49.82	-33.72	83.54	43.85	35.30	5.68	35.01	Peak
2	7560.000	36.46	-27.08	63.54	30.49	35.30	5.68	35.01	Average
3	10360.000	57.33	-26.21	83.54	48.48	37.52	6.38	35.05	Peak
4	10360.000	50.79	-12.75	63.54	41.94	37.52	6.38	35.05	Average
5	15540.000	46.56	-16.98	63.54	32.97	40.43	7.99	34.83	Average
6	15540.000	59.50	-24.04	83.54	45.91	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

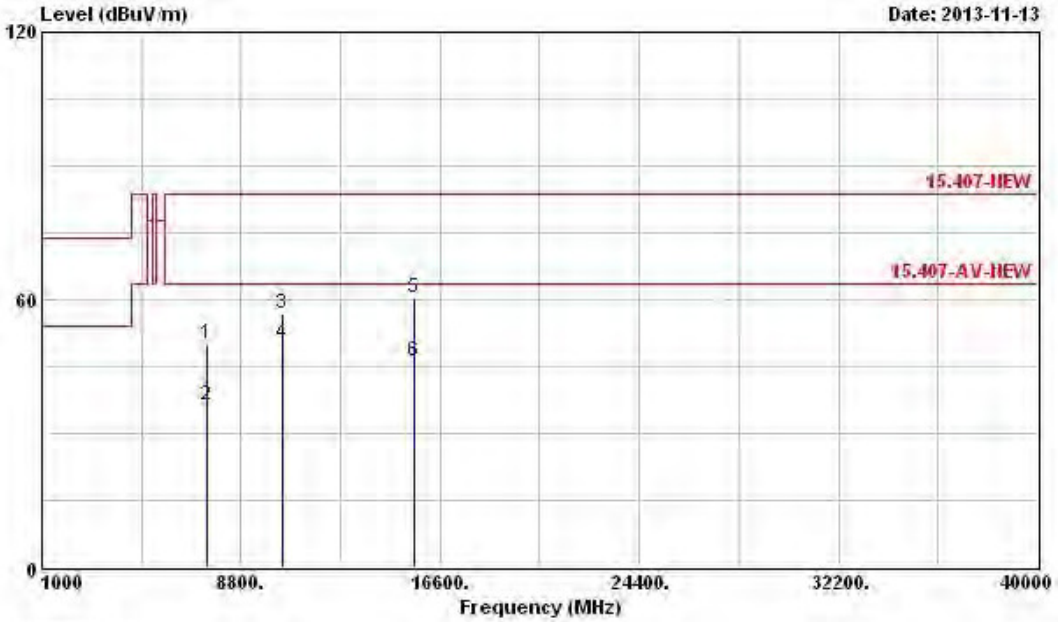
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8088.000	49.88	-33.66	83.54	44.33	35.35	5.35	35.15	Peak
2	8088.000	36.12	-27.42	63.54	30.57	35.35	5.35	35.15	Average
3	10400.000	61.52	-22.02	83.54	52.63	37.54	6.35	35.00	Peak
4	@10400.000	52.38	-11.16	63.54	43.49	37.54	6.35	35.00	Average
5	15600.000	46.09	-17.45	63.54	32.55	40.50	7.96	34.92	Average
6	15600.000	60.32	-23.22	83.54	46.78	40.50	7.96	34.92	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

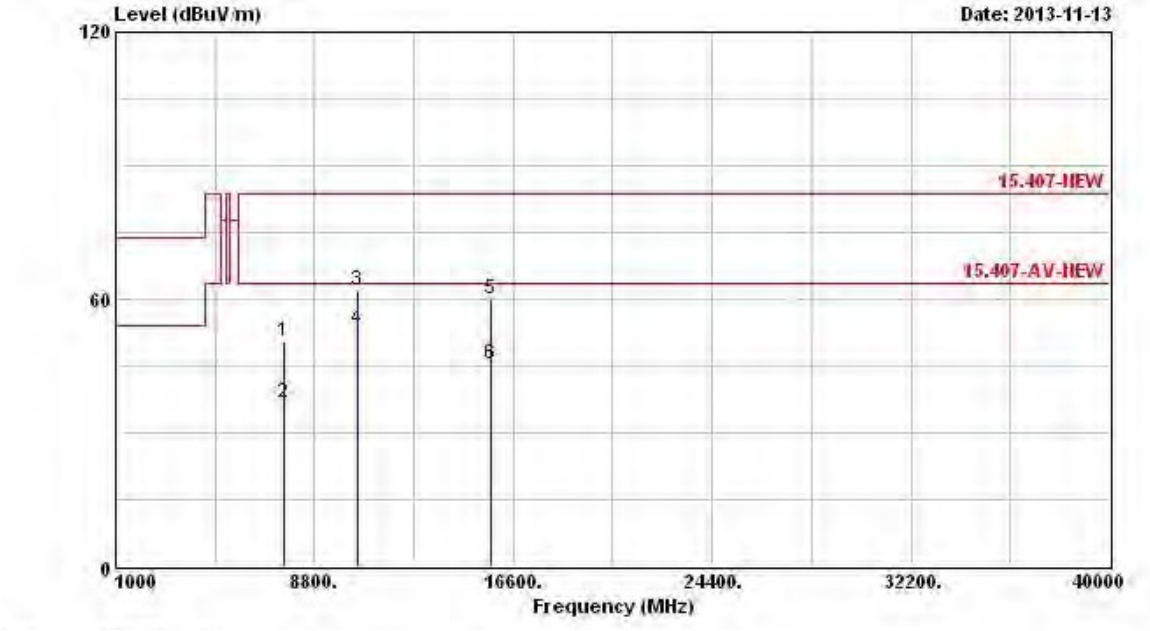
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7464.000	50.03	-33.51	83.54	44.05	35.30	5.66	34.98	Peak
2	7464.000	36.26	-27.28	63.54	30.28	35.30	5.66	34.98	Average
3	10400.000	57.03	-26.51	83.54	48.14	37.54	6.35	35.00	Peak
4	10400.000	50.12	-13.42	63.54	41.23	37.54	6.35	35.00	Average
5	15600.000	60.44	-23.10	83.54	46.90	40.50	7.96	34.92	Peak
6	15600.000	46.33	-17.21	63.54	32.79	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

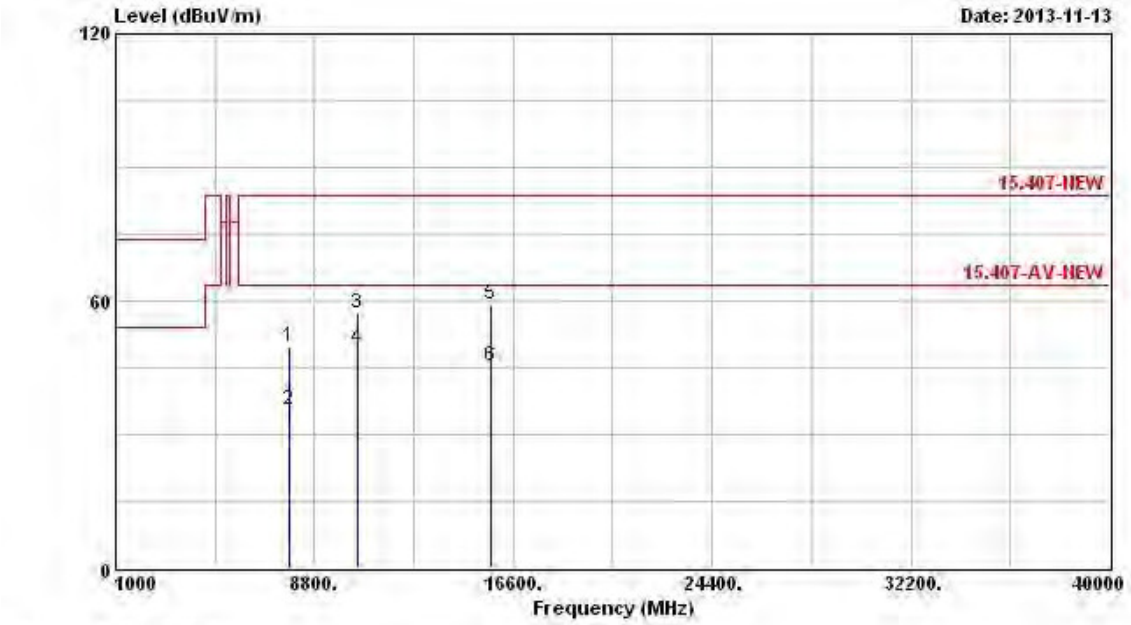
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	50.59	-32.95	83.54	44.67	35.30	5.64	35.02	Peak
2	7608.000	36.76	-26.78	63.54	30.84	35.30	5.64	35.02	Average
3	10480.000	62.04	-21.50	83.54	53.08	37.59	6.30	34.93	Peak
4	@10480.000	53.12	-10.42	63.54	44.16	37.59	6.30	34.93	Average
5	15720.000	59.98	-23.56	83.54	46.53	40.62	7.86	35.03	Peak
6	15720.000	45.42	-18.12	63.54	31.97	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

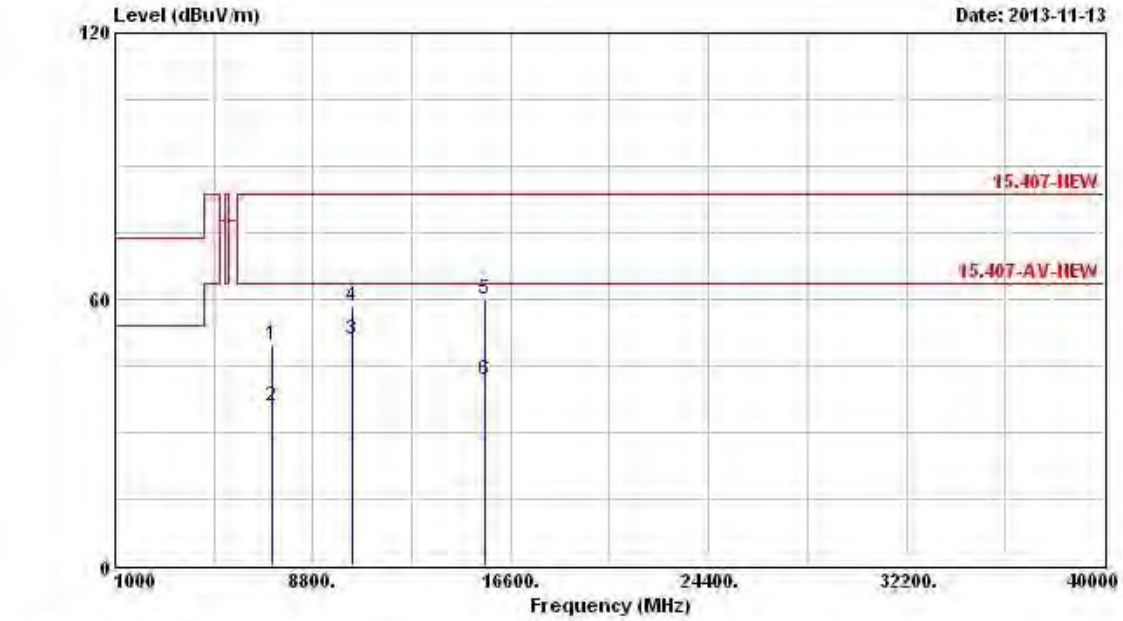
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20 (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7812.000	49.84	-33.70	83.54	44.19	35.30	5.44	35.09	Peak
2	7812.000	35.61	-27.93	63.54	29.96	35.30	5.44	35.09	Average
3	10480.000	57.43	-26.11	83.54	48.47	37.59	6.30	34.93	Peak
4	10480.000	49.24	-14.30	63.54	40.28	37.59	6.30	34.93	Average
5	15700.000	59.26	-24.28	83.54	45.79	40.61	7.86	35.00	Peak
6	15700.000	45.30	-18.24	63.54	31.83	40.61	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

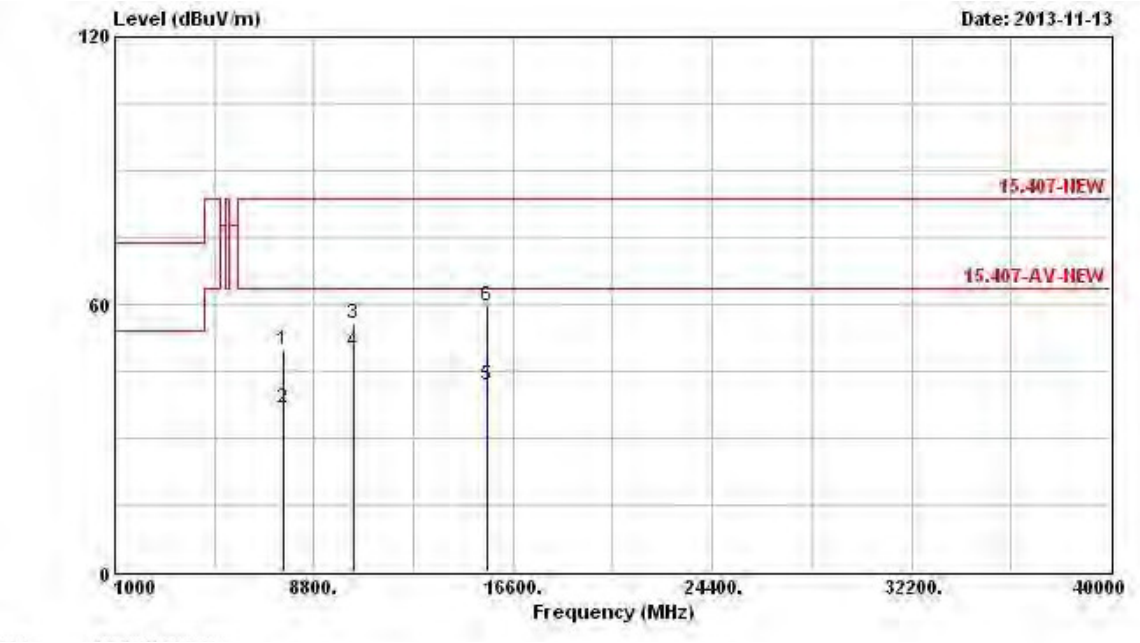
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 3)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7176.000	49.74	-33.80	83.54	44.08	35.30	5.28	34.92	Peak
2	7176.000	35.78	-27.76	63.54	30.12	35.30	5.28	34.92	Average
3	10380.000	50.72	-12.82	63.54	41.87	37.53	6.35	35.03	Average
4	10380.000	58.54	-25.00	83.54	49.69	37.53	6.35	35.03	Peak
5	15570.000	59.96	-23.58	83.54	46.39	40.47	7.96	34.86	Peak
6	15570.000	41.85	-21.69	63.54	28.28	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

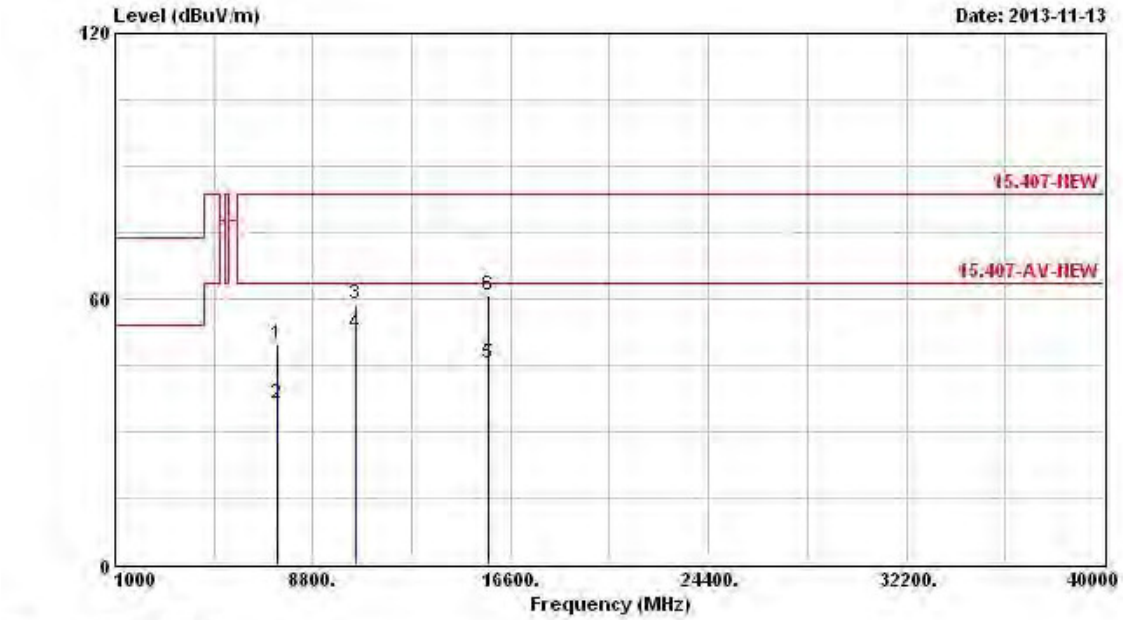
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 3)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	49.84	-33.70	83.54	43.92	35.30	5.64	35.02	Peak
2	7608.000	36.76	-26.78	63.54	30.84	35.30	5.64	35.02	Average
3	10380.000	55.75	-27.79	83.54	46.90	37.53	6.35	35.03	Peak
4	10380.000	49.47	-14.07	63.54	40.62	37.53	6.35	35.03	Average
5	15570.000	41.86	-21.68	63.54	28.29	40.47	7.96	34.86	Average
6	15570.000	59.78	-23.76	83.54	46.21	40.47	7.96	34.86	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

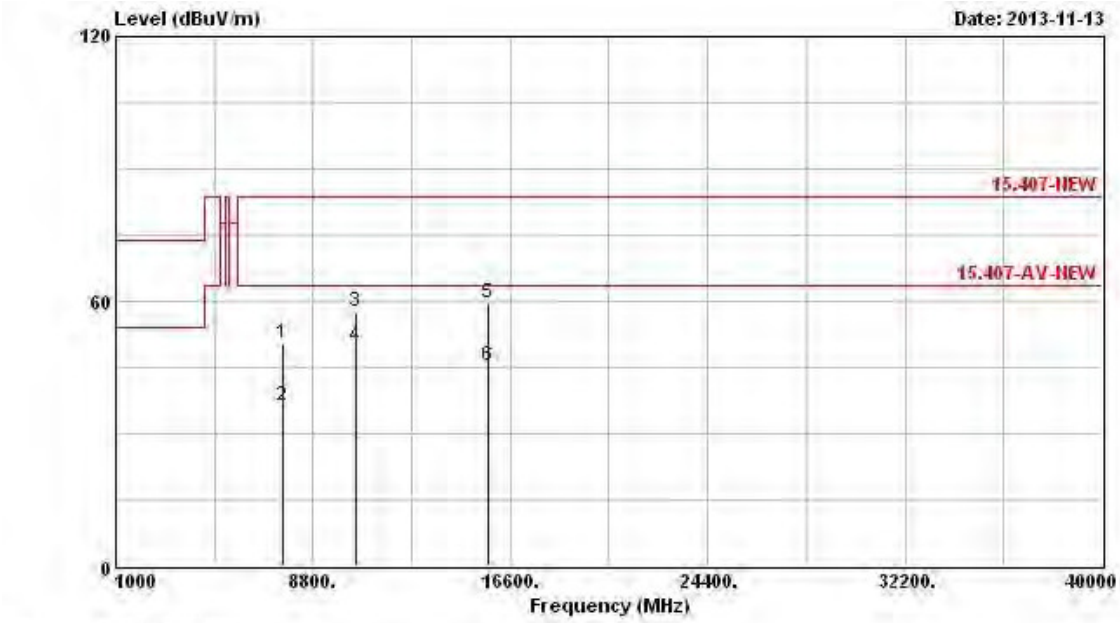
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 3)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7416.000	49.90	-33.64	83.54	43.97	35.30	5.61	34.98	Peak
2	7416.000	36.20	-27.34	63.54	30.27	35.30	5.61	34.98	Average
3	10460.000	58.68	-24.86	83.54	49.77	37.57	6.30	34.96	Peak
4	10460.000	52.04	-11.50	63.54	43.13	37.57	6.30	34.96	Average
5	15690.000	45.29	-18.25	63.54	31.84	40.59	7.86	35.00	Average
6	15690.000	60.74	-22.80	83.54	47.29	40.59	7.86	35.00	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

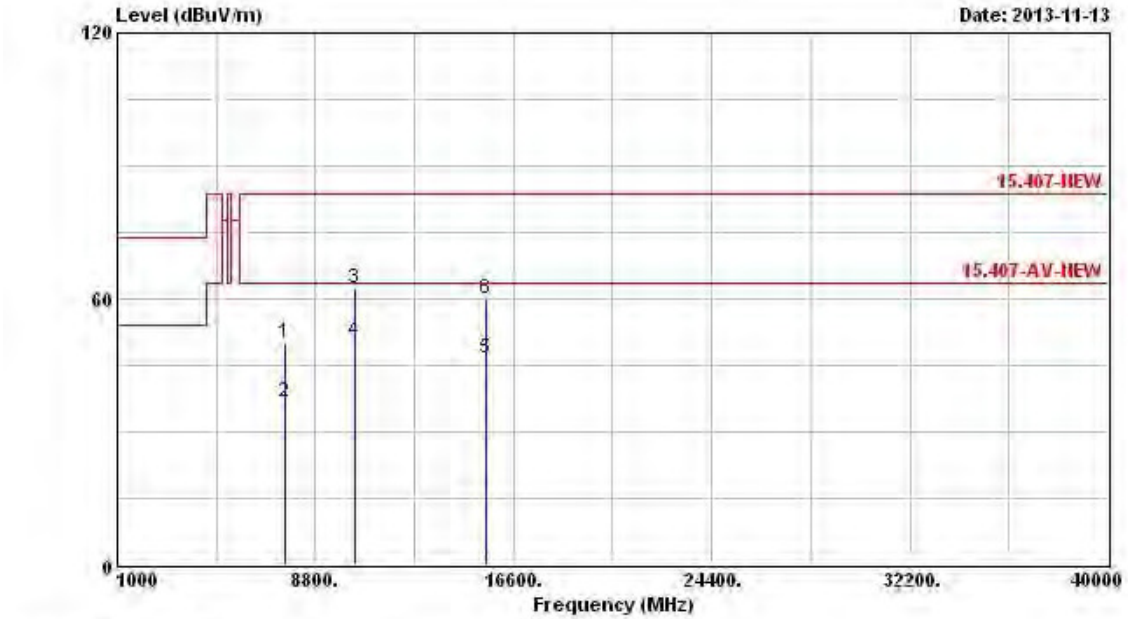
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40 (Mode 3)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7572.000	50.34	-33.20	83.54	44.42	35.30	5.64	35.02	Peak
2	7572.000	36.14	-27.40	63.54	30.22	35.30	5.64	35.02	Average
3	10460.000	57.52	-26.02	83.54	48.61	37.57	6.30	34.96	Peak
4	10460.000	49.55	-13.99	63.54	40.64	37.57	6.30	34.96	Average
5	15690.000	59.57	-23.97	83.54	46.12	40.59	7.86	35.00	Peak
6	15690.000	45.43	-18.11	63.54	31.98	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

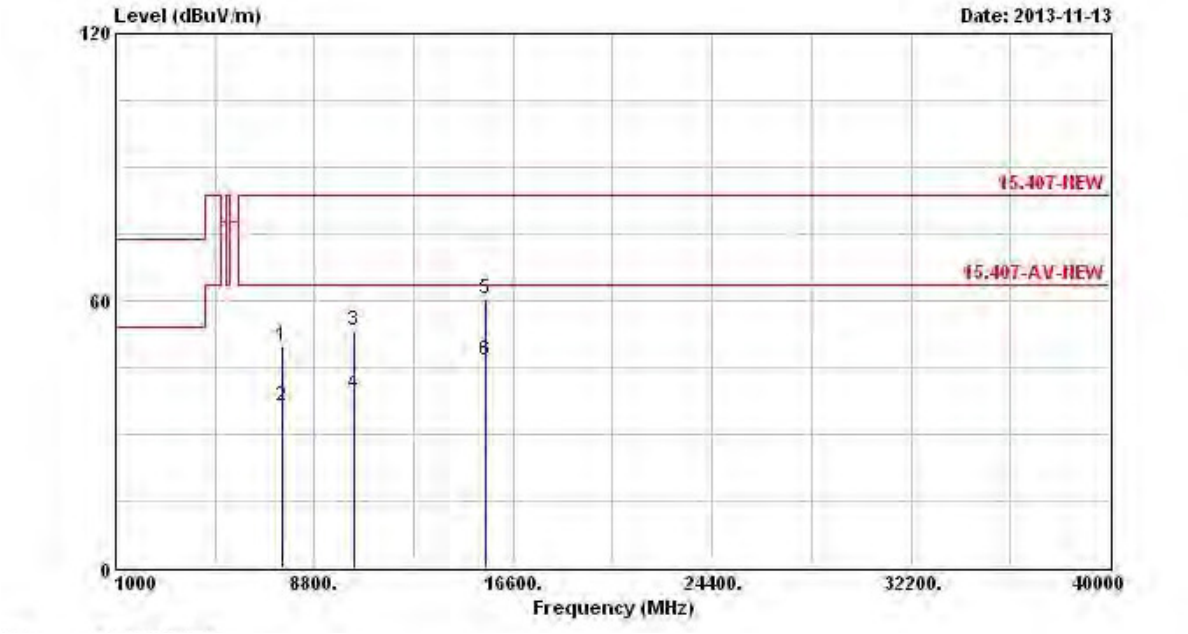
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	50.23	-33.31	83.54	44.31	35.30	5.64	35.02	Peak
2	7608.000	36.60	-26.94	63.54	30.68	35.30	5.64	35.02	Average
3	10360.000	62.44	-21.10	83.54	53.59	37.52	6.38	35.05	Peak
4	10360.000	50.71	-12.83	63.54	41.86	37.52	6.38	35.05	Average
5	15540.000	46.39	-17.15	63.54	32.80	40.43	7.99	34.83	Average
6	15540.000	59.81	-23.73	83.54	46.22	40.43	7.99	34.83	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

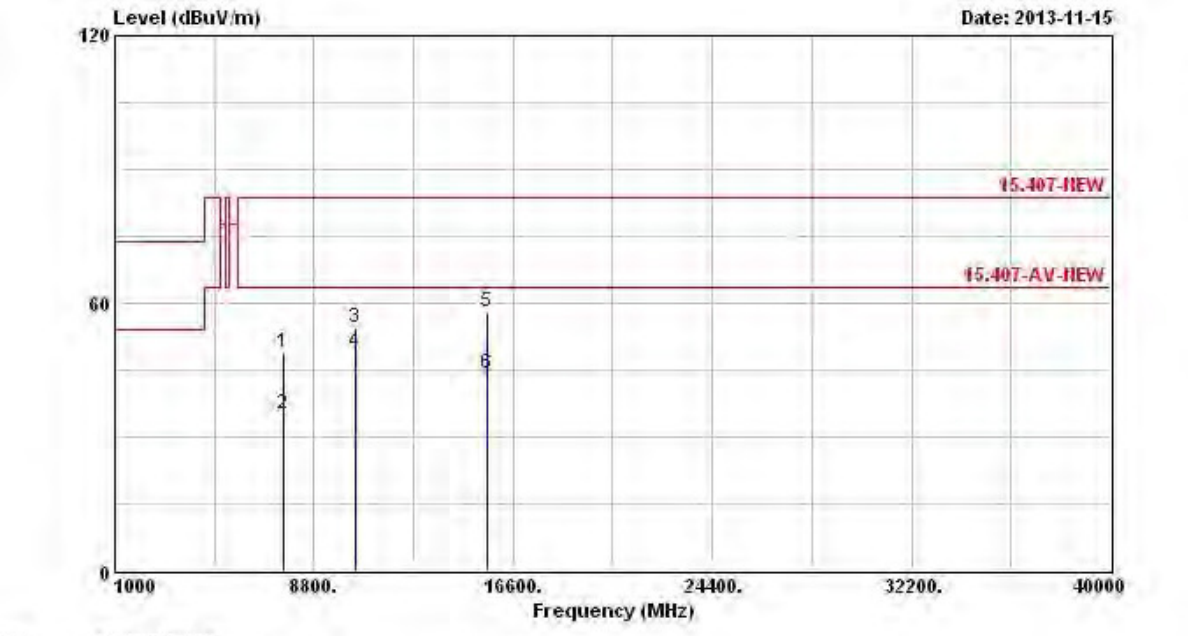
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5180
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	49.72	-33.82	83.54	43.71	35.30	5.71	35.00	Peak
2	7524.000	36.21	-27.33	63.54	30.20	35.30	5.71	35.00	Average
3	10360.000	53.48	-30.06	83.54	44.63	37.52	6.38	35.05	Peak
4	10360.000	39.10	-24.44	63.54	30.25	37.52	6.38	35.05	Average
5	15540.000	60.58	-22.96	83.54	46.99	40.43	7.99	34.83	Peak
6	15540.000	46.56	-16.98	63.54	32.97	40.43	7.99	34.83	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

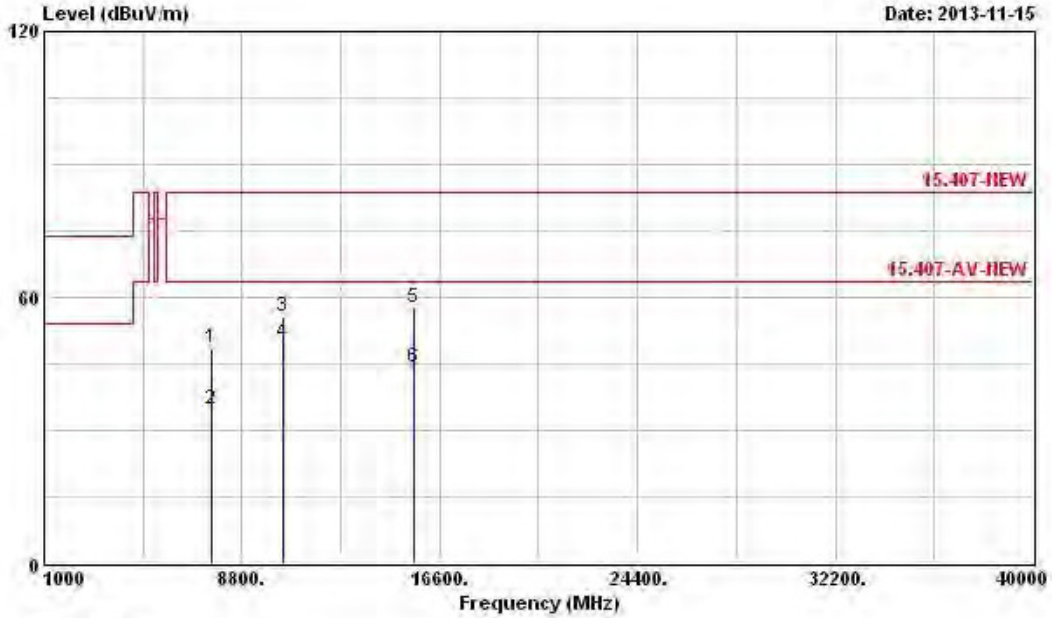
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	48.90	-34.64	83.54	42.98	35.30	5.64	35.02	Peak
2	7608.000	35.15	-28.39	63.54	29.23	35.30	5.64	35.02	Average
3	10400.000	54.59	-28.95	83.54	45.70	37.54	6.35	35.00	Peak
4	10400.000	48.93	-14.61	63.54	40.04	37.54	6.35	35.00	Average
5	15600.000	57.97	-25.57	83.54	44.43	40.50	7.96	34.92	Peak
6	15600.000	44.21	-19.33	63.54	30.67	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

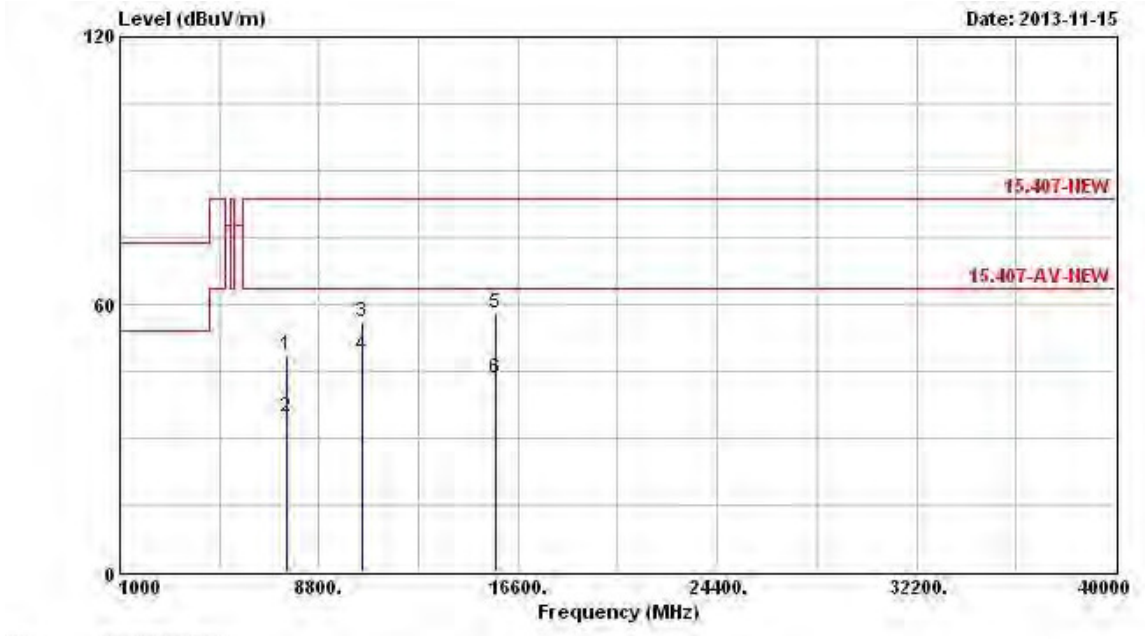
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5200
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	48.50	-35.04	83.54	42.58	35.30	5.64	35.02	Peak
2	7608.000	34.90	-28.64	63.54	28.98	35.30	5.64	35.02	Average
3	10400.000	55.61	-27.93	83.54	46.72	37.54	6.35	35.00	Peak
4	10400.000	49.87	-13.67	63.54	40.98	37.54	6.35	35.00	Average
5	15600.000	57.70	-25.84	83.54	44.16	40.50	7.96	34.92	Peak
6	15600.000	44.40	-19.14	63.54	30.86	40.50	7.96	34.92	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

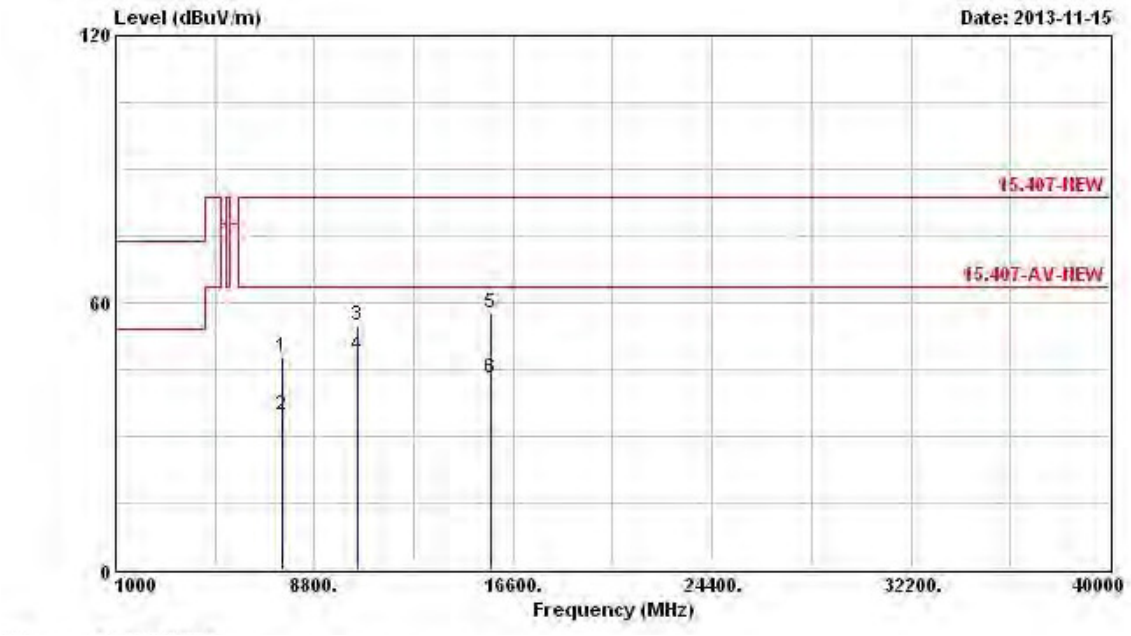
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7512.000	48.37	-35.17	83.54	42.35	35.30	5.71	34.99	Peak
2	7512.000	34.75	-28.79	63.54	28.73	35.30	5.71	34.99	Average
3	10480.000	55.88	-27.66	83.54	46.92	37.59	6.30	34.93	Peak
4	10480.000	48.38	-15.16	63.54	39.42	37.59	6.30	34.93	Average
5	15700.000	58.11	-25.43	83.54	44.64	40.61	7.86	35.00	Peak
6	15700.000	43.32	-20.22	63.54	29.85	40.61	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

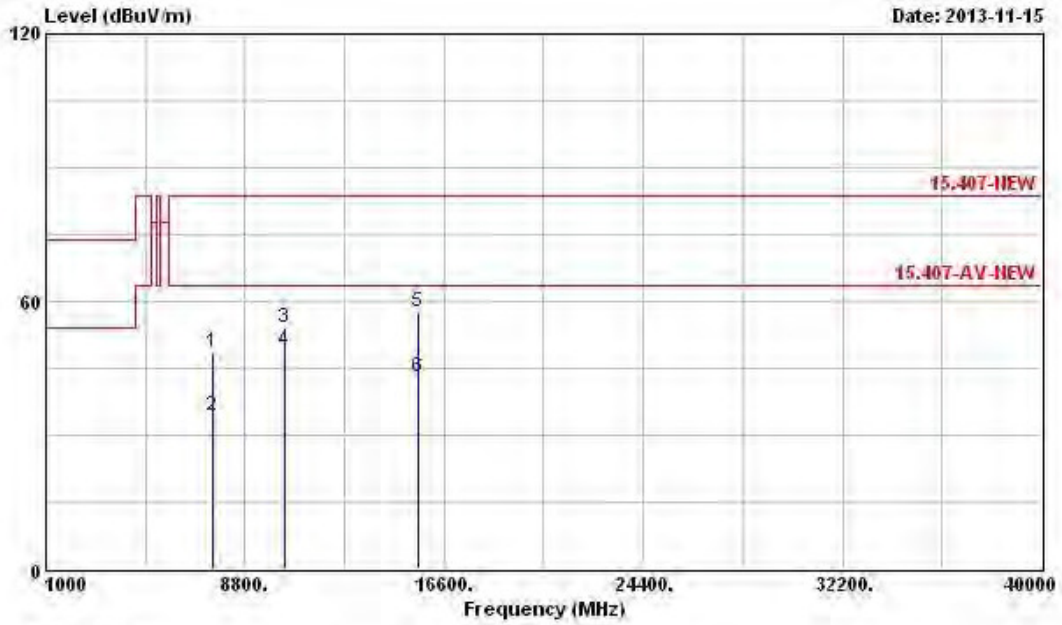
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20 (Mode 3)	**Test Freq. (MHz)**	5240
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	47.82	-35.72	83.54	41.81	35.30	5.71	35.00	Peak
2	7524.000	34.68	-28.86	63.54	28.67	35.30	5.71	35.00	Average
3	10480.000	54.82	-28.72	83.54	45.86	37.59	6.30	34.93	Peak
4	10480.000	48.31	-15.23	63.54	39.35	37.59	6.30	34.93	Average
5	15700.000	57.55	-25.99	83.54	44.08	40.61	7.86	35.00	Peak
6	15700.000	43.21	-20.33	63.54	29.74	40.61	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

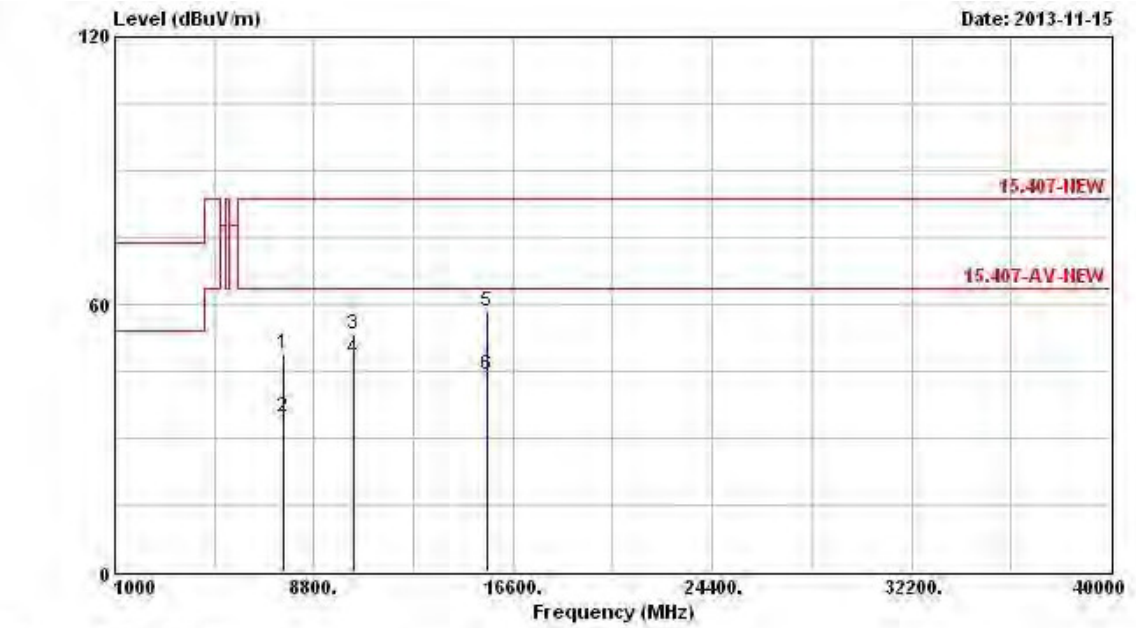
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 3)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	48.46	-35.08	83.54	42.45	35.30	5.71	35.00	Peak
2	7524.000	34.48	-29.06	63.54	28.47	35.30	5.71	35.00	Average
3	10380.000	54.18	-29.36	83.54	45.33	37.53	6.35	35.03	Peak
4	10380.000	49.02	-14.52	63.54	40.17	37.53	6.35	35.03	Average
5	15570.000	57.77	-25.77	83.54	44.20	40.47	7.96	34.86	Peak
6	15570.000	43.22	-20.32	63.54	29.65	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

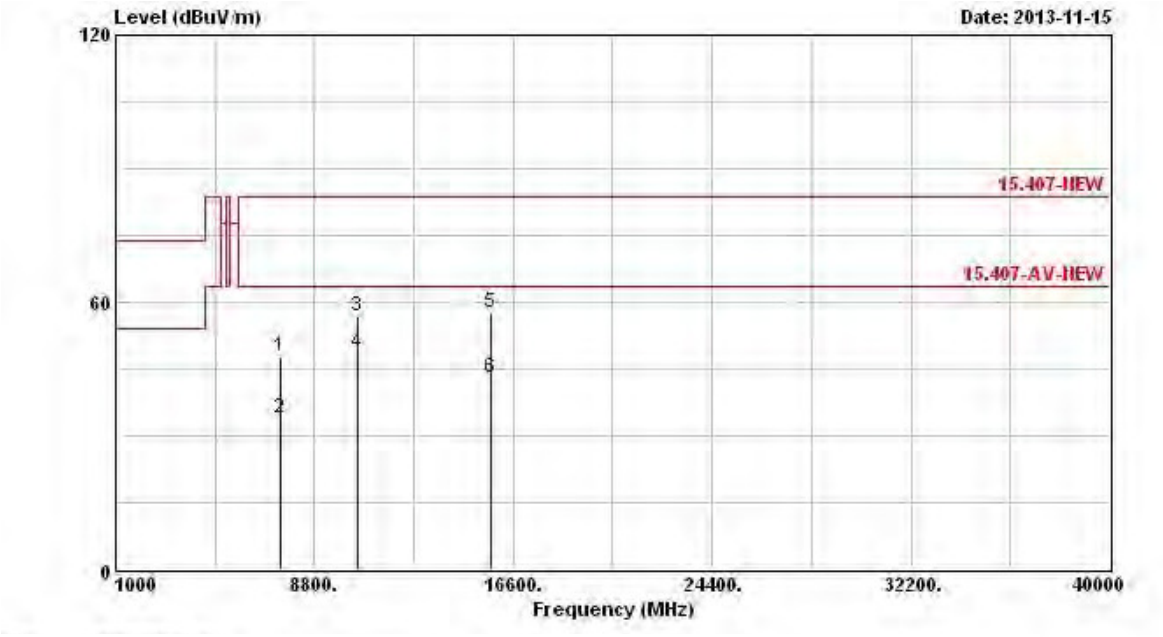
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 3)	**Test Freq. (MHz)**	5190
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	48.93	-34.61	83.54	43.01	35.30	5.64	35.02	Peak
2	7608.000	34.84	-28.70	63.54	28.92	35.30	5.64	35.02	Average
3	10380.000	53.11	-30.43	83.54	44.26	37.53	6.35	35.03	Peak
4	10380.000	47.92	-15.62	63.54	39.07	37.53	6.35	35.03	Average
5	15570.000	58.26	-25.28	83.54	44.69	40.47	7.96	34.86	Peak
6	15570.000	44.28	-19.26	63.54	30.71	40.47	7.96	34.86	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

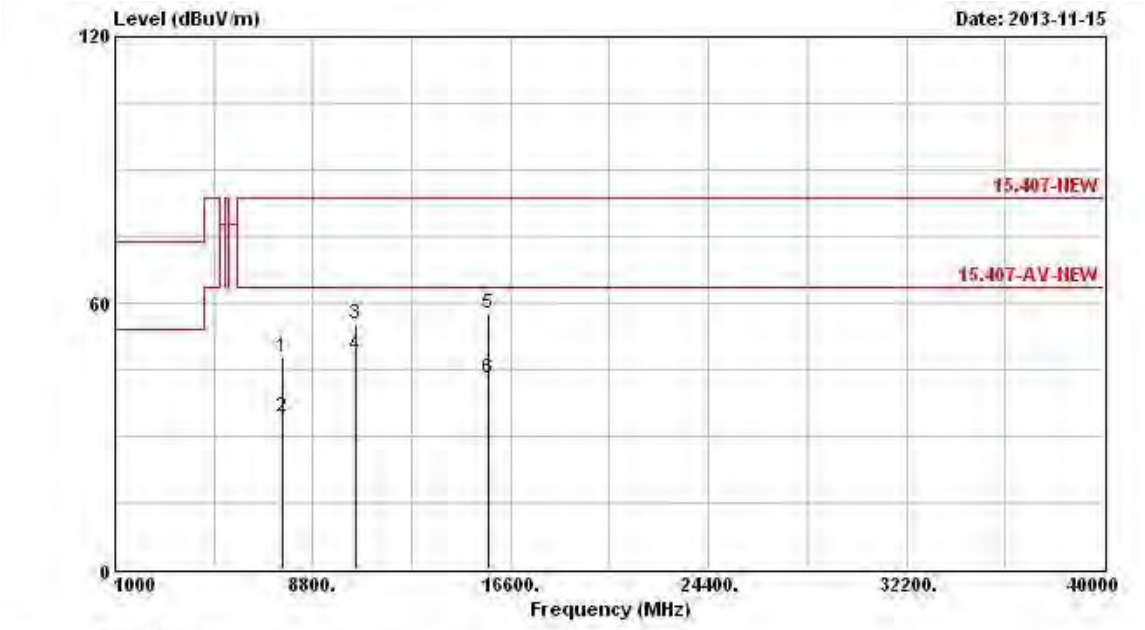
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 3)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7464.000	47.63	-35.91	83.54	41.65	35.30	5.66	34.98	Peak
2	7464.000	34.12	-29.42	63.54	28.14	35.30	5.66	34.98	Average
3	10460.000	56.97	-26.57	83.54	48.06	37.57	6.30	34.96	Peak
4	10460.000	48.72	-14.82	63.54	39.81	37.57	6.30	34.96	Average
5	15690.000	57.53	-26.01	83.54	44.08	40.59	7.86	35.00	Peak
6	15690.000	43.16	-20.38	63.54	29.71	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

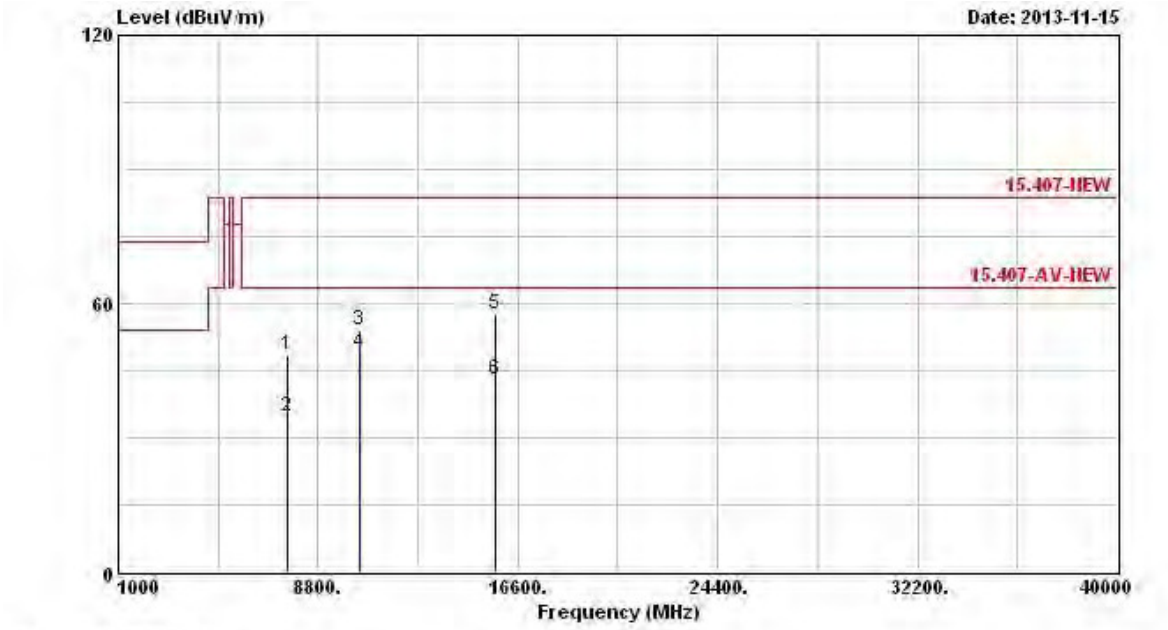
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40 (Mode 3)	**Test Freq. (MHz)**	5230
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7620.000	47.71	-35.83	83.54	41.83	35.30	5.61	35.03	Peak
2	7620.000	34.17	-29.37	63.54	28.29	35.30	5.61	35.03	Average
3	10460.000	55.44	-28.10	83.54	46.53	37.57	6.30	34.96	Peak
4	10460.000	48.20	-15.34	63.54	39.29	37.57	6.30	34.96	Average
5	15690.000	57.44	-26.10	83.54	43.99	40.59	7.86	35.00	Peak
6	15690.000	43.15	-20.39	63.54	29.70	40.59	7.86	35.00	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

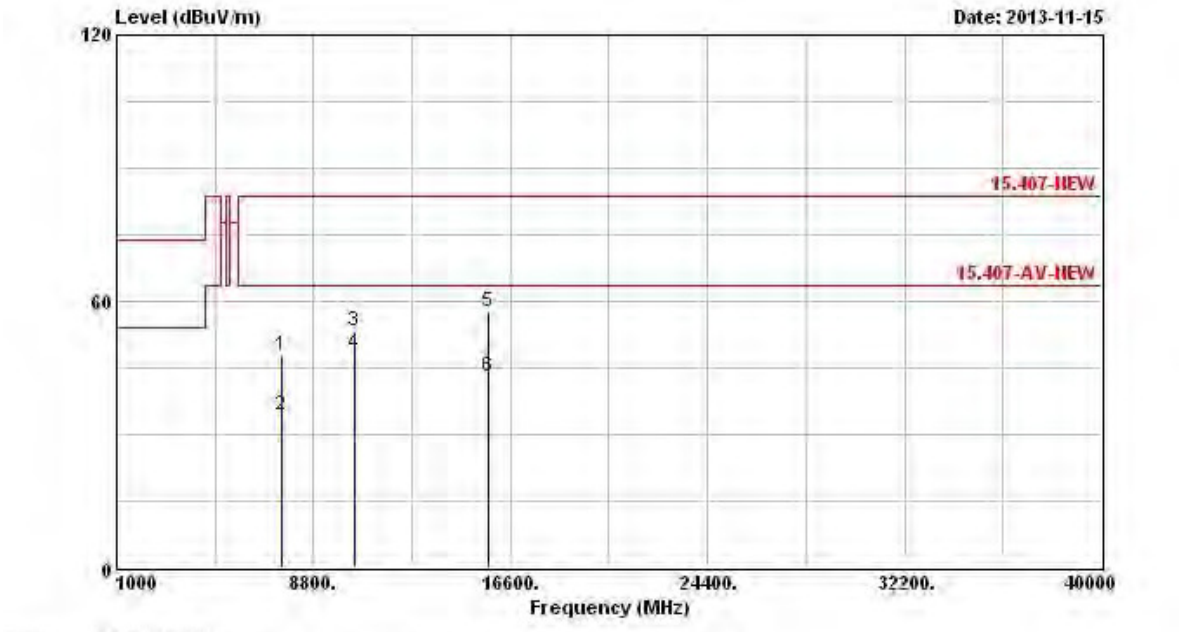
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 3)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7608.000	48.58	-34.96	83.54	42.66	35.30	5.64	35.02	Peak
2	7608.000	34.83	-28.71	63.54	28.91	35.30	5.64	35.02	Average
3	10420.000	54.14	-29.40	83.54	45.26	37.55	6.33	35.00	Peak
4	10420.000	49.00	-14.54	63.54	40.12	37.55	6.33	35.00	Average
5	15720.000	57.59	-25.95	83.54	44.14	40.62	7.86	35.03	Peak
6	15720.000	42.92	-20.62	63.54	29.47	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80 (Mode 3)	**Test Freq. (MHz)**	5210
N_{TX}	1	**Polarization**	H



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7524.000	47.73	-35.81	83.54	41.72	35.30	5.71	35.00	Peak
2	7524.000	34.42	-29.12	63.54	28.41	35.30	5.71	35.00	Average
3	10420.000	53.32	-30.22	83.54	44.44	37.55	6.33	35.00	Peak
4	10420.000	48.13	-15.41	63.54	39.25	37.55	6.33	35.00	Average
5	15720.000	57.81	-25.73	83.54	44.36	40.62	7.86	35.03	Peak
6	15720.000	42.98	-20.56	63.54	29.53	40.62	7.86	35.03	Average

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.