FCC Test Report

Equipment	:	**Wireless Mini PCI**
Brand Name	:	ADTRAN
Model No.	:	**XW866G**
Part No.	:	**33500006x-E (x = 0~9, a~z, A~Z, blank, "-" or "+")**
FCC ID	:	**HDC424RG50X**
Standard	:	**47 CFR FCC Part 15.407**
RF Specification	:	**Wi-Fi**
Operating Band	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
FCC Classification	:	**NII**
Applicant	:	**Adtran** 901 Explorer Blvd., Huntsville, AL 35806, US
Manufacturer	:	**XAVi Technologies Corporation** 22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)

The product sample received on Sep. 05, 2016 and completely tested on Dec. 30, 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

Table of Contents

1 GENERAL DESCRIPTION 5

1.1 Information 5
1.2 Testing Applied Standards 8
1.3 Testing Location Information 8
1.4 Measurement Uncertainty 9

2 TEST CONFIGURATION OF EUT 10

2.1 The Worst Case Modulation Configuration 10
2.2 Test Channel Mode 11
2.3 The Worst Case Measurement Configuration 13
2.4 Accessories and Support Equipment 14
2.5 Test Setup Diagram 15

3 TRANSMITTER TEST RESULT 18

3.1 AC Power-line Conducted Emissions 18
3.2 Emission Bandwidth 19
3.3 Maximum Conducted Output Power 20
3.4 Peak Power Spectral Density 22
3.5 Transmitter Bandedge Emissions 24
3.6 Transmitter Unwanted Emissions 27
3.7 Frequency Stability 31

4 TEST EQUIPMENT AND CALIBRATION DATA 32

Appendix I. Test Result of AC Power-line Conducted Emissions

Appendix A. Test Result of Emission Bandwidth

Appendix B. Test Result of Maximum Conducted Output Power

Appendix C. Test Result of Power Spectral Density

Appendix D. Transmitter Bandedge Emissions

Appendix E. Transmitter Unwanted Emissions

Appendix F. Frequency Stability

Appendix G. Test Photos

Photographs of EUT v02

Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
1.1.3	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)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.7	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR630719AN	Rev. 01	Initial issue of report	Jan. 10, 2017
FR630719AN	Rev. 02	Update Photographs of EUT	Jan. 23, 2017
FR630719AN	Rev. 03	Revise typo	Feb. 03, 2017

1 General Description

1.1 Information

1.1.1 Product Details

The difference between the report no. : N/A	
The Difference	N/A

Evaluated Test Items	N/A

1.1.2 RF General Information

Band	Mode	BWch (MHz)	Channel Number	Nss-Min	Nant
5.2G	11a	20	36-48 [4]	1	4
5.2G	HT20	20	36-48 [4]	1,(M0-31)	4
5.2G	HT40	40	38-46 [2]	1,(M0-31)	4
5.2G	VHT20	20	36-48 [4]	1,(M0-8)	4
5.2G	VHT40	40	38-46 [2]	1,(M0-9)	4
5.2G	VHT80	80	42 [1]	1,(M0-9)	4
5.2G	VHT20 (Beamforming)	20	36-48 [4]	1,(M0-8)	4
5.2G	VHT40 (Beamforming)	40	38-46 [2]	1,(M0-9)	4
5.2G	VHT80 (Beamforming)	80	42 [1]	1,(M0-9)	4
5.8G	11a	20	149-165 [5]	1	4
5.8G	HT20	20	149-165 [5]	1,(M0-31)	4
5.8G	HT40	40	151-159 [2]	1,(M0-31)	4
5.8G	VHT20	20	149-165 [5]	1,(M0-8)	4
5.8G	VHT40	40	151-159 [2]	1,(M0-9)	4
5.8G	VHT80	80	155 [1]	1,(M0-9)	4
5.8G	VHT20 (Beamforming)	20	149-165 [5]	1,(M0-8)	4
5.8G	VHT40 (Beamforming)	40	151-159 [2]	1,(M0-9)	4
5.8G	VHT80 (Beamforming)	80	155 [1]	1,(M0-9)	4

Note:
- 5.2G is the 5.2GHz Band (5.15-5.25GHz).
- 5.8G is the 5.8GHz Band (5.725-5.850GHz).
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3.

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)
	☐ Single power level with corresponding antenna(s).
	☐ Multiple power level and corresponding antenna(s).

Antenna General Information				
No.	**Ant. Cat.**	**Ant. Type**	**Model No.**	**Gain (dBi)**
A	Integral	PCB PIFA	NF5W20B	3.7
B	Integral	PCB PIFA	NF5W20B	3.7
C	Integral	PCB PIFA	NF5W20B	3.7
D	Integral	PCB PIFA	NF5W20B	3.7

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.: ADTRAN / 424RG
☐	Other:

1.1.5 Mode Test Duty Cycle

Operated 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)**
☒ 99.1% - IEEE 802.11a	0.04
☒ 99.1% - IEEE 802.11n (HT20)	0.04
☒ 97.6% - IEEE 802.11n (HT40)	0.11
☒ 98.9% - IEEE 802.11ac (VHT20)	0.05
☒ 97.8% - IEEE 802.11ac (VHT40)	0.10
☒ 95.3% - IEEE 802.11ac (VHT80)	0.21
☒ 94.3% - IEEE 802.11ac (VHT20) (Beamforming)	0.25
☒ 92.5% - IEEE 802.11ac (VHT40) (Beamforming)	0.34
☒ 87.6% - IEEE 802.11ac (VHT80) (Beamforming)	0.57

1.1.6 EUT Operational Condition

Supply Voltage	☒ AC mains	☐ DC	
Type of DC Source	☒ External AC adapter	☐ From Host System	☐ Battery
Test Voltage	☒ Vnom (120 V)	☒ Vmax (138V)	☒ Vmin (102 V)
Test Climatic	☒ Tnom (20°C)	☒ Tmax (50°C)	☒ Tmin (-5°C)

1.1.7 EUT Operate Information

Items	**Description**			
Beamforming Function	☒	**With beamforming**	☐	**Without beamforming**
Operate Condition	☒	**Indoor**	☐	**Outdoor**
	☐	**Fixed P2P**	☐	**Client**
Operate Mode	☒	**Master**		

1.2 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 C63.10-2013
- KDB 789033 D02 v01r03
- KDB 662911 D01 v02r01
- KDB 644545 D03 v01

1.3 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 Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ryan	23°C / 63%	23/09/2016
RF Conducted	TH01-HY	Ryan	22.5°C / 65%	24/09/2016
RF Conducted (Beamforming)	TH01-HY	Lisa	24.5°C / 65%	29/12/2016
Radiated	03CH09-HY	Thor	24.6°C / 58%	14/09/2016
Radiated (Beamforming)	03CH09-HY	Terry	24°C / 60%	30/12/2016

Test site registered number [553509] with FCC.

1.4 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		±2.26 dB
Emission bandwidth, 26dB bandwidth		±1.42 %
RF output power, conducted		±0.63 dB
Power density, conducted		±0.81 dB
Unwanted emissions, conducted	9 – 150 kHz	±0.38 dB
	0.15 – 30 MHz	±0.42 dB
	30 – 1000 MHz	±0.51 dB
	1 – 18 GHz	±0.67 dB
	18 – 40 GHz	±0.83 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.49 dB
	0.15 – 30 MHz	±2.28 dB
	30 – 1000 MHz	±2.56 dB
	1 – 18 GHz	±3.59 dB
	18 – 40 GHz	±3.82 dB
	40 – 200 GHz	N/A
Temperature		±0.8 °C
Humidity		±3 %
DC and low frequency voltages		±3 %
Time		±1.42 %
Duty Cycle		±1.42 %

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	4	6-54Mbps	6 Mbps
HT20	4	MCS 0-31	MCS 0
HT40	4	MCS 0-31	MCS 0
VHT20	4	MCS 0-8	MCS 0
VHT40	4	MCS 0-9	MCS 0
VHT80	4	MCS 0-9	MCS 0
VHT20 (Beamforming)	4	MCS 0-8	MCS 0
VHT40 (Beamforming)	4	MCS 0-9	MCS 0
VHT80 (Beamforming)	4	MCS 0-9	MCS 0

2.2 Test Channel Mode

Test Software Version	PUTTY/ 0.62.0.0

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
5.2G	11a	20	1	4	5180	L	15
5.2G	11a	20	1	4	5200	M	19
5.2G	11a	20	1	4	5240	H	19
5.2G	HT20	20	1,(M0)	4	5180	L	14.5
5.2G	HT20	20	1,(M0)	4	5200	M	19
5.2G	HT20	20	1,(M0)	4	5240	H	19
5.2G	HT40	40	1,(M0)	4	5190	L	12.5
5.2G	HT40	40	1,(M0)	4	5230	H	19
5.2G	VHT20	20	1,(M0)	4	5180	L	14.5
5.2G	VHT20	20	1,(M0)	4	5200	M	19
5.2G	VHT20	20	1,(M0)	4	5240	H	19
5.2G	VHT40	40	1,(M0)	4	5190	L	12.5
5.2G	VHT40	40	1,(M0)	4	5230	H	19
5.2G	VHT80	80	1,(M0)	4	5210	S	12
5.2G	VHT20 (Beamforming)	20	1,(M0)	4	5180	L	15
5.2G	VHT20 (Beamforming)	20	1,(M0)	4	5200	M	15
5.2G	VHT20 (Beamforming)	20	1,(M0)	4	5240	H	15
5.2G	VHT40 (Beamforming)	40	1,(M0)	4	5190	L	13
5.2G	VHT40 (Beamforming)	40	1,(M0)	4	5230	H	15
5.2G	VHT80 (Beamforming)	80	1,(M0)	4	5210	S	12

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
5.8G	11a	20	1	4	5745	L	19
5.8G	11a	20	1	4	5785	M	19
5.8G	11a	20	1	4	5825	H	19
5.8G	HT20	20	1,(M0)	4	5745	L	19
5.8G	HT20	20	1,(M0)	4	5785	M	19
5.8G	HT20	20	1,(M0)	4	5825	H	19
5.8G	HT40	40	1,(M0)	4	5755	L	19
5.8G	HT40	40	1,(M0)	4	5795	H	19
5.8G	VHT20	20	1,(M0)	4	5745	L	19
5.8G	VHT20	20	1,(M0)	4	5785	M	19
5.8G	VHT20	20	1,(M0)	4	5825	H	19
5.8G	VHT40	40	1,(M0)	4	5755	L	19
5.8G	VHT40	40	1,(M0)	4	5795	H	19
5.8G	VHT80	80	1,(M0)	4	5775	S	18
5.8G	VHT20 (Beamforming)	20	1,(M0)	4	5745	L	15
5.8G	VHT20 (Beamforming)	20	1,(M0)	4	5785	M	15
5.8G	VHT20 (Beamforming)	20	1,(M0)	4	5825	H	15
5.8G	VHT40 (Beamforming)	40	1,(M0)	4	5755	L	15
5.8G	VHT40 (Beamforming)	40	1,(M0)	4	5795	H	15
5.8G	VHT80 (Beamforming)	80	1,(M0)	4	5775	S	15

Abbreviation Explanation

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Test Cond.	Abbreviation
5.2G	VHT40	40	1,(M0-9)	4	5190	L	TN,VN	5.2G;VHT40;40;1,(M0-9);4;5190;L;TN,VN
5.2G	VHT80	80	1,(M0-9)	4	5210	S	TN,VN	5.2G;VHT80;80;1,(M0-9);4;5210;S;TN,VN

Note:
- Test range channel consist of L (Low Ch.), M (Middle Ch.), H (High Ch.) and S (Single Ch. or Intra- band Ch.)

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	Adapter Mode
2	UPS Mode
Mode 2 configuration was pretested and found to be the worst case and measured during the test	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density, Frequency Stability
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Transmitter Bandedge Emissions , Transmitter Unwanted 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 will be a hand-held or body-worn battery-powered devices and operating multiple positions.		
Operating Mode < 1GHz	☒ 1. Adapter Mode		
	☒ 2. UPS Mode		
Mode 2 configuration was pretested and found to be the worst case and measured during the test			
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5500	DoC
2	AC Adapter for NB	DELL	HA65NM130	DoC
3	Notebook	DELL	E6400	DoC
4	AC Adapter for NB	DELL	HA65NM130	DoC
5	Client	-	-	-
6	AC Adapter for Client	MOSO	MSA-C2500IS12.0-30F-US	-
7	AC Adapter for EUT	MOSO	MSA-C2500IS12.0-30F-US	-
8	UPS for EUT	Cyber	CSN27U12V3	-

Note: Support equipment No.5, 6, 7 and 8 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC Adapter for EUT	MOSO	MSA-C2500IS12.0-30F-US	-
2	UPS for EUT	Cyber	CSN27U12V3	-

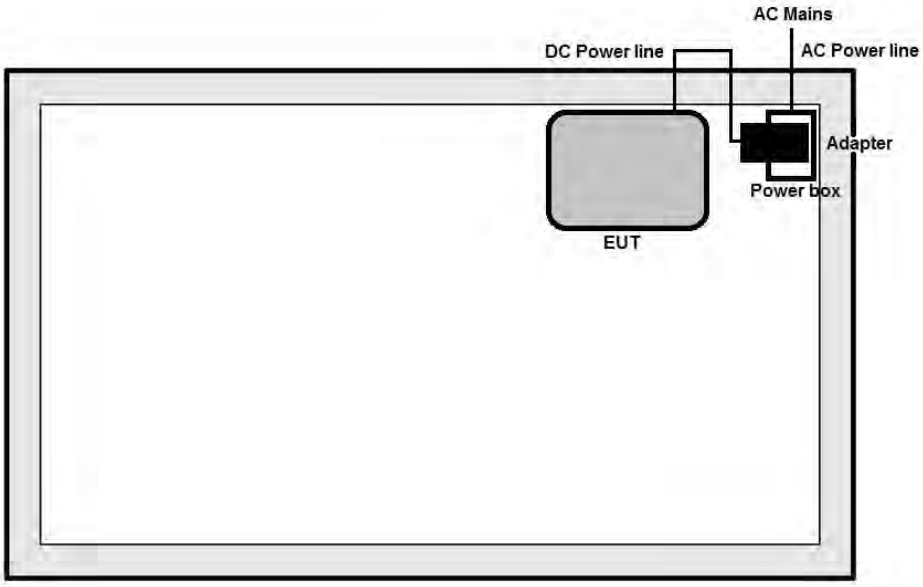
Note: Support equipment No.1 and 2 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DoC
2	AC Adapter for NB	DELL	LA65NS2-01	DoC
3	Notebook	DELL	E5530	DoC
4	AC Adapter for NB	DELL	LA65NS2-01	DoC
5	Client	-	-	-
6	AC Adapter for Client	MOSO	MSA-C2500IS12.0-30F-US	-
7	AC Adapter for EUT	MOSO	MSA-C2500IS12.0-30F-US	-
8	UPS for EUT	Cyber	CSN27U12V3	-

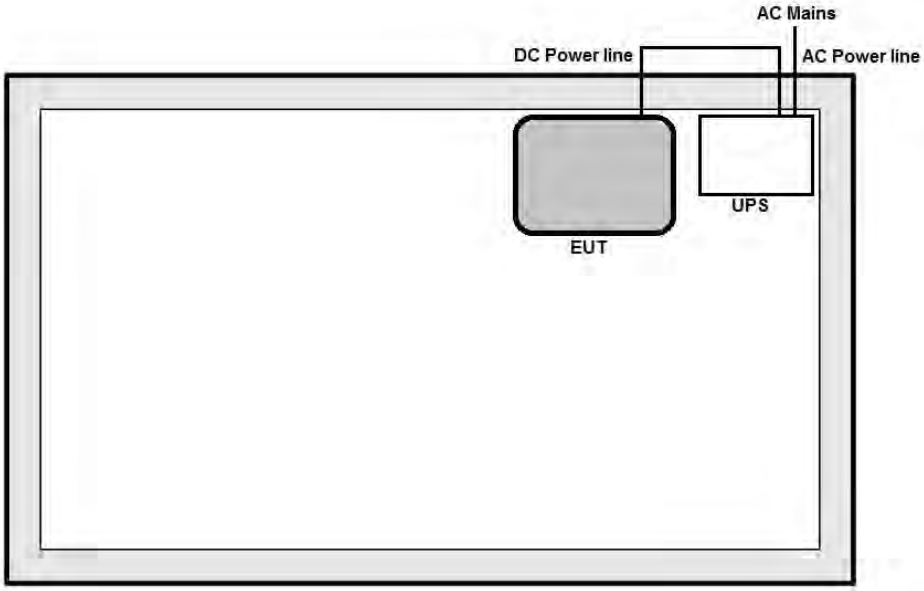
Note: Support equipment No.5, 6, 7 and 8 was provided by customer.

2.5 Test Setup Diagram

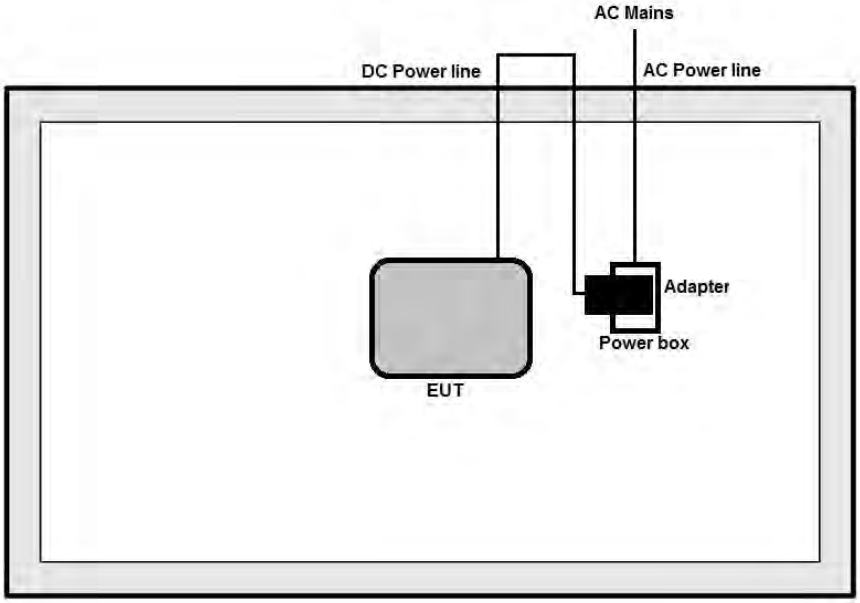
Test Setup Diagram – AC Line Conducted Emission Test (Mode 1)



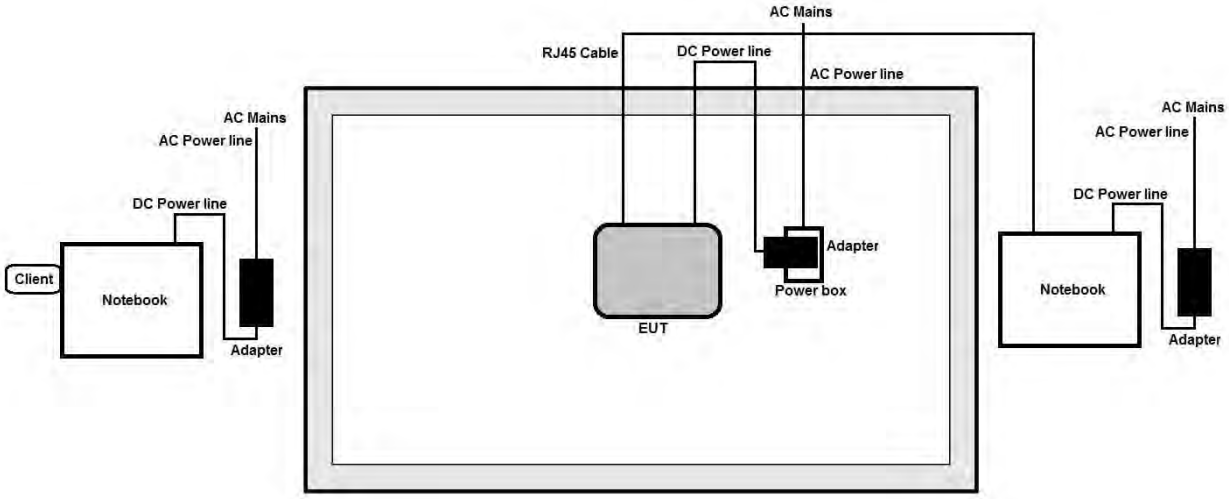
Test Setup Diagram – AC Line Conducted Emission Test (Mode 2)



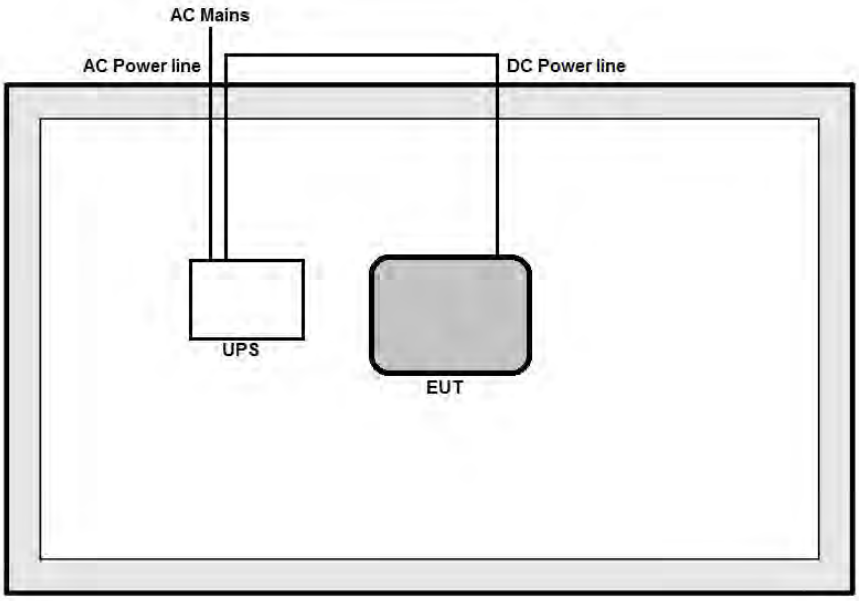
Test Setup Diagram – Radiated Emission Test (Mode 1) (Non-Beamforming)



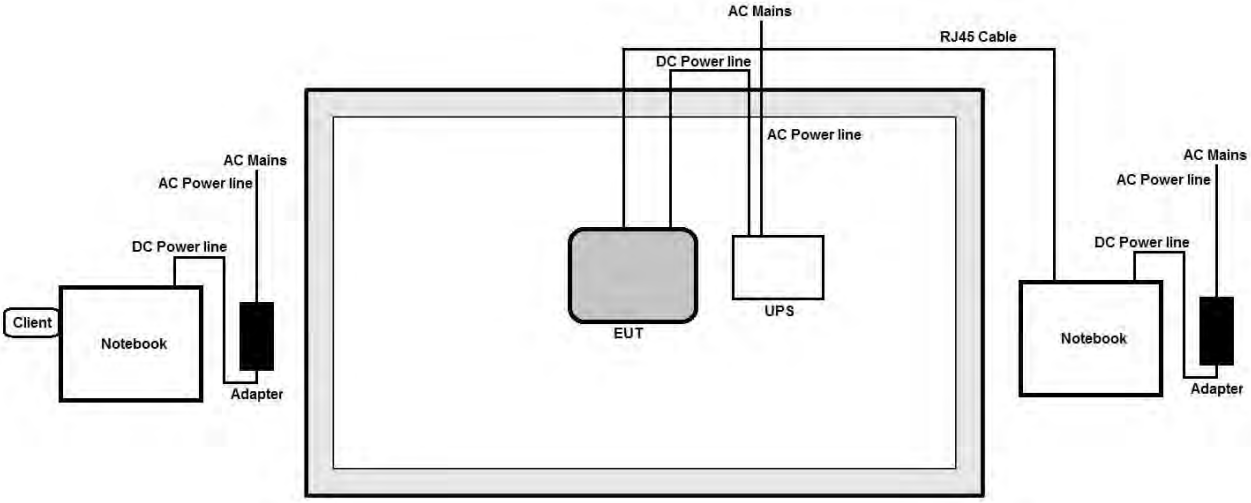
Test Setup Diagram – Radiated Emission Test (Mode 1) (Beamforming)



Test Setup Diagram – Radiated Emission Test (Mode 2) (Non-Beamforming)



Test Setup Diagram – Radiated Emission Test (Mode 2) (Beamforming)



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

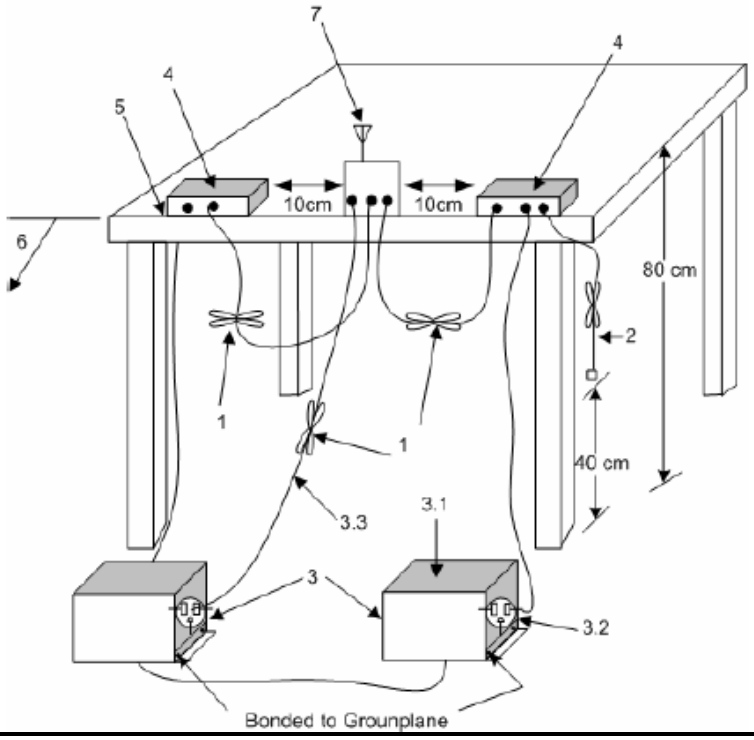
Refer a test equipment and calibration data table in this test report.

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

Refer as Appendix I

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.

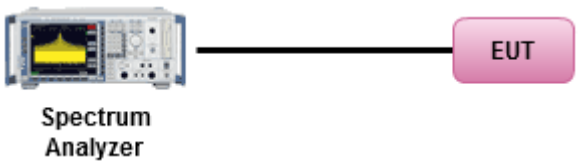
3.2.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐	Refer as RSS-Gen, clause 6.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted 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.

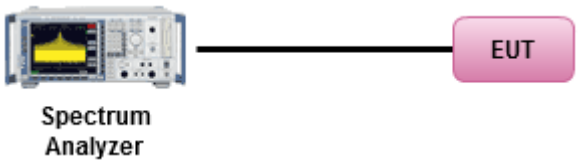
3.3.2 Measuring Instruments

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%
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as 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 KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as 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

Refer as Appendix B

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.	

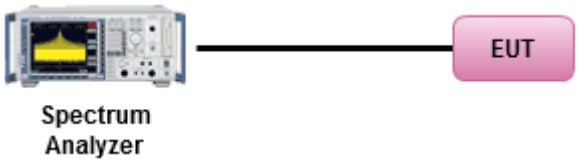
3.4.2 Measuring Instruments

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 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%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.	
▪ If 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 spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the N_{TX} output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
☐ Option 3: 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]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


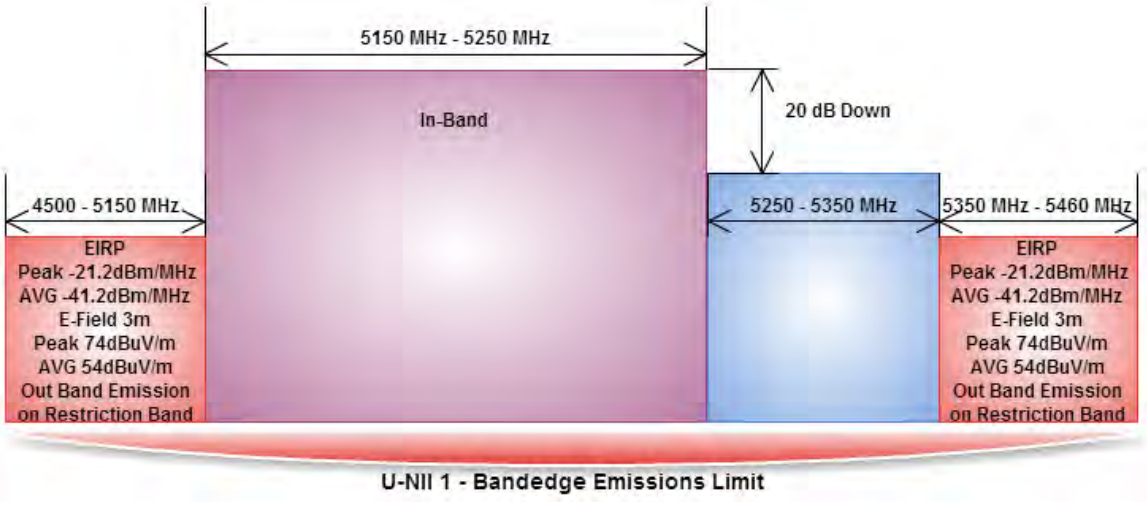
3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.5 Transmitter Bandedge Emissions

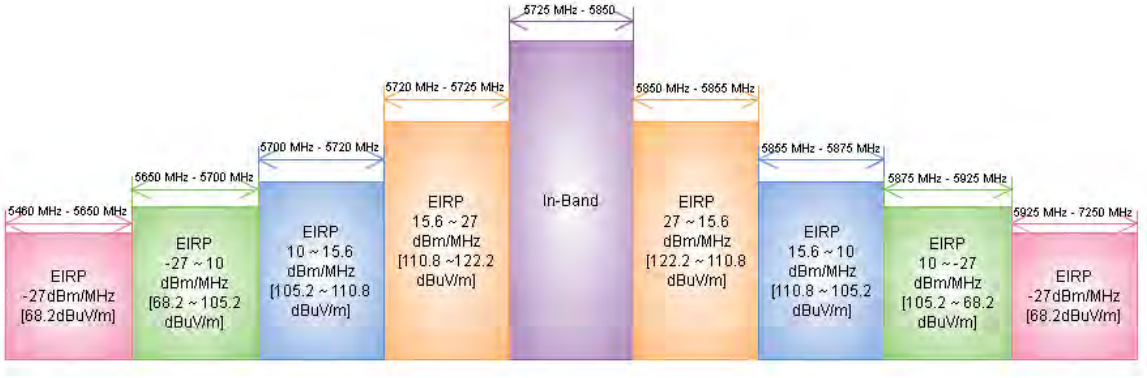
3.5.1 Transmitter Radiated Bandedge Emissions Limit

Transmitter Radiated Bandedge Emissions Limit: 5.15-5.25 GHz band



Refer as KDB 789033, G)2)c) 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.

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



Refer as KDB 789033, G)2)c) 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 FCC 16-24 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

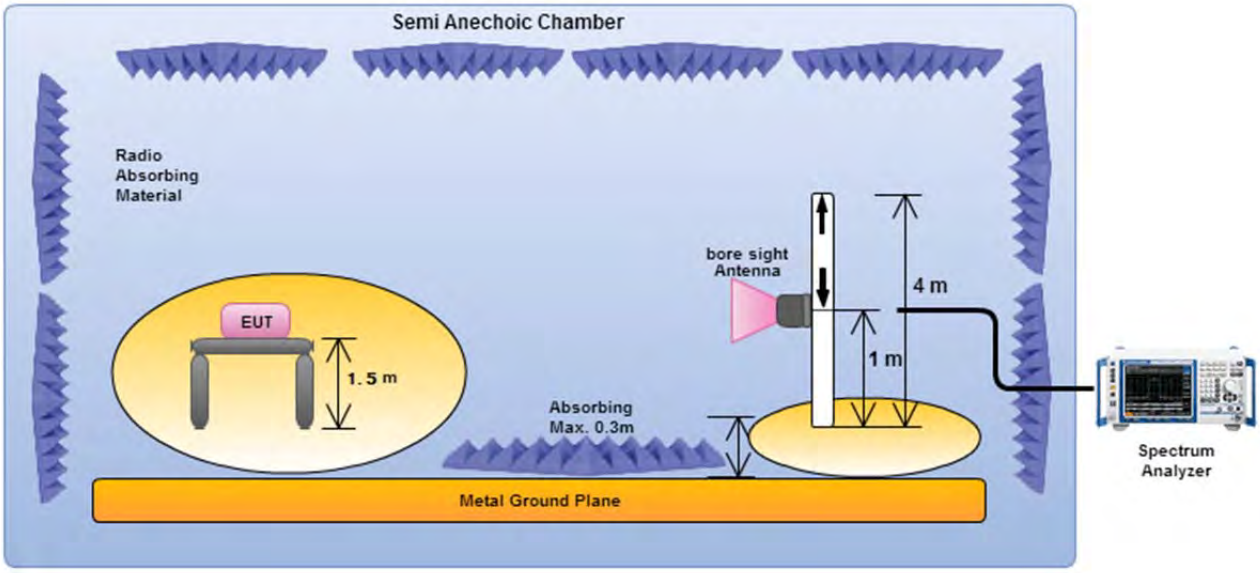
Refer a test equipment and calibration data table in this test report.

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 6.10.3 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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	☒ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as KDB 789033, G)6) Method AD (Trace Averaging).
	☐ Refer as KDB 789033, G)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 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 the transmitter bandedge emissions shall be measured using following options below:
	☐ Refer as KDB 789033, clause G)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.

3.5.4 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

Refer as Appendix D

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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/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

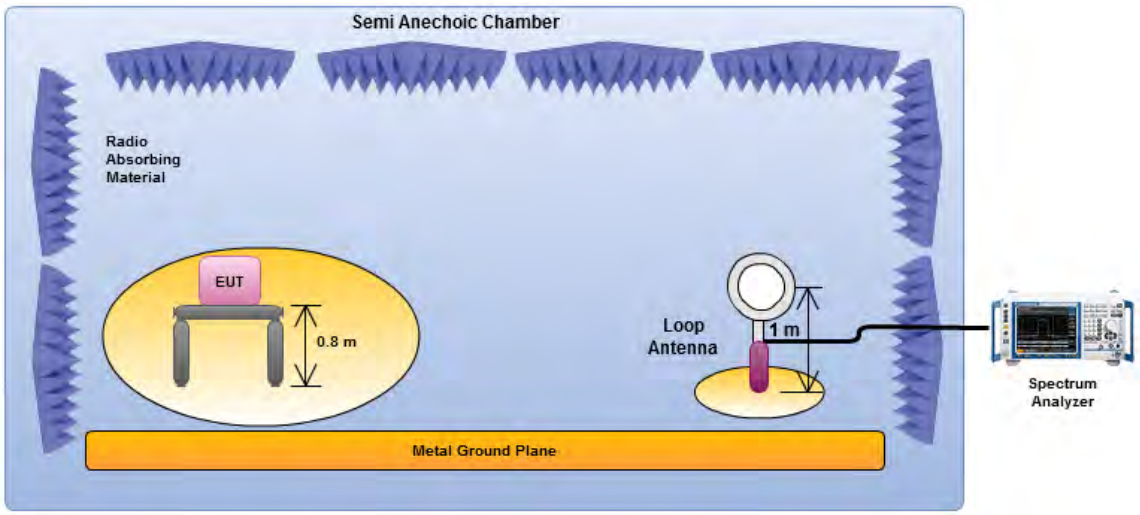
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	☒	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐	Refer as KDB 789033, G)6) Method AD (Trace Averaging).
		☐	Refer as KDB 789033, G)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 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.		

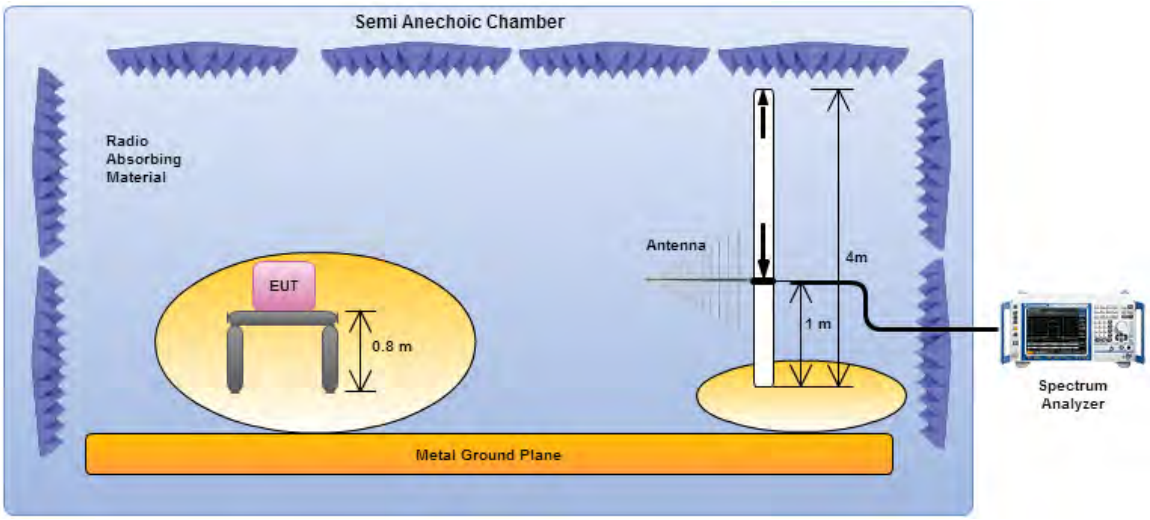
3.6.4 Test Setup

Transmitter Spurious and Out of Band Emissions (9 kHz - 30 MHz)



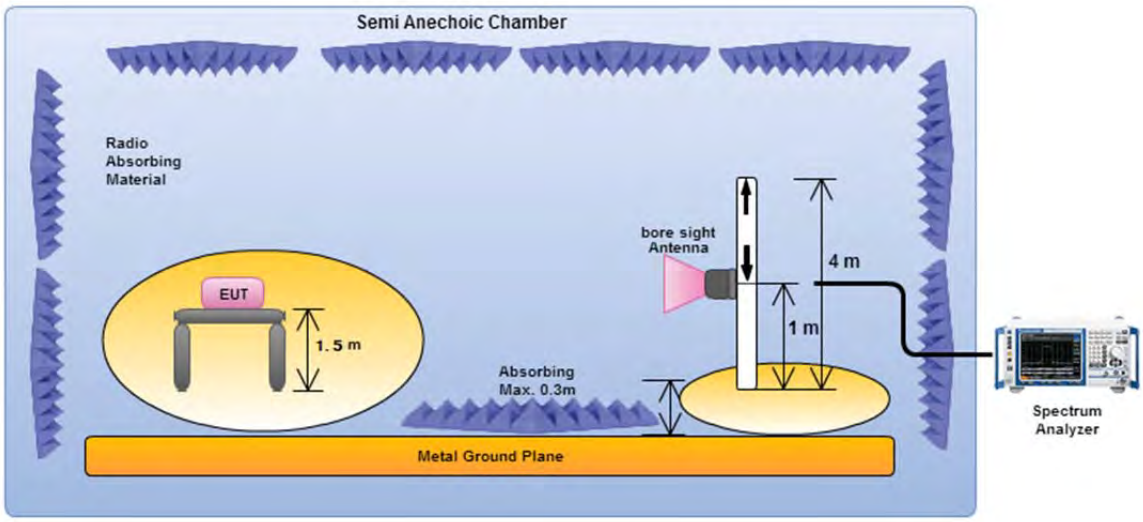
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna.

Transmitter Radiated Unwanted Emissions (below 1GHz)



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.

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

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported. Any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily reported.

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix E

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz.

3.7.2 Measuring Instruments

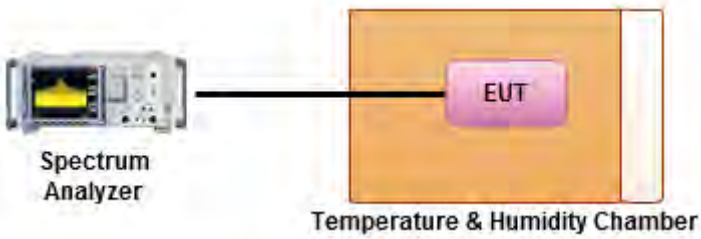
Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage

3.7.4 Test Setup

Frequency Stability



3.7.5 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

< AC Conduction >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR-3	102051	9 kHz ~ 3.6 GHz	19/04/2016	18/04/2017
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9 kHz ~ 30 MHz	26/01/2016	25/01/2017
LISN (Support Unit)	R&S	ENV216	101295	9 kHz ~ 30 MHz	04/11/2015	03/11/2016
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9 kHz ~ 30 MHz	30/10/2015	29/10/2016
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	NCR	NCR

NCR: Non Calibration Require.

< Conducted Test >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9 kHz ~ 40 GHz	16/02/2016	15/02/ 2017
Power Sensor	Anritsu	MA2411B	1027452	300 MHz ~ 40 GHz	22/02/2016	21/02/2017
Power Meter	Anritsu	ML2495A	1124009	300 MHz ~ 40 GHz	22/02/2016	21/02/2017
Signal Generator	R&S	SMR40	100116	10 MHz ~ 40 GHz	21/07/2016	20/07/2017
AC Power Source	G.W	APS-9102	EL920581	AC 0V ~ 300V	04/06/2016	03/06/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-20-SP-SD	MAA1112-007	-20 ~ 100℃	25/04/2016	24/04/2017

< Conducted Test for Beamforming >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9 kHz ~ 40 GHz	16/02/2016	15/02/2017
Power Sensor	Anritsu	MA2411B	0917017	300 MHz ~ 40 GHz	04/02/2016	03/02/2017
Power Meter	Anritsu	ML2495A	0949003	300 MHz ~ 40 GHz	04/02/2016	03/02/2017
Signal Generator	R&S	SMR40	100116	10 MHz ~ 40 GHz	21/07/2016	20/07/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10714/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10715/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10716/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30 MHz ~ 26.5 GHz	02/10/2016	01/10/2017

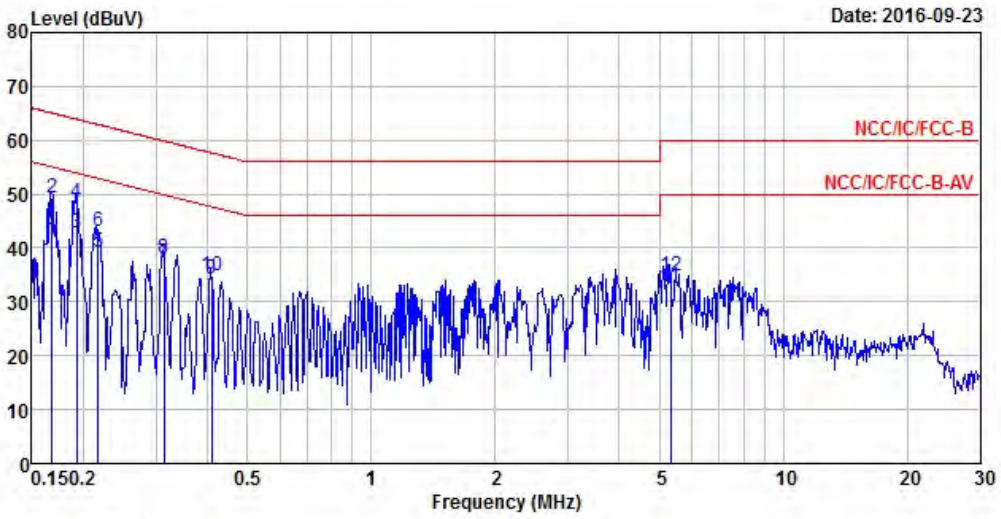
< Radiated Test >

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30 MHz ~ 1 GHz 3m	25/04/2016	24/04/2017
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1 GHz ~ 18 GHz 3m	30/06/2016	29/06/2017
Amplifier	EMC	EMC9135	980232	9 kHz ~ 1 GHz	29/01/2016	28/01/2017
Amplifier	Agilent	8449B	3008A02096	1 GHz ~ 26.5 GHz	11/04/2016	10/04/2017
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18 GHz ~ 40 GHz	02/06/2015	01/06/2017
Spectrum	KEYSIGHT	N9010A	MY54200885	10 Hz ~ 44 GHz	04/07/2016	03/07/2017
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL 6111D & MTJ6102	35418	30 MHz ~ 1 GHz	31/03/2016	30/03/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1534	1 GHz ~ 18 GHz	22/04/2016	21/04/2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18 GHz ~ 40 GHz	04/01/2016	03/01/2017
Loop Antenna	ROHDE&SCHWARZ	HFH2-Z2	100330	9 kHz ~ 30 MHz	10/11/2014	09/11/2016

< Radiated Test for Beamforming>

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30 MHz ~ 1 GHz 3m	25/04/2016	24/04/2017
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1 GHz ~ 18 GHz 3m	21/06/2016	20/06/2017
Amplifier	EMC	EMC9135	980232	9 kHz ~ 1 GHz	29/01/2016	28/01/2017
Amplifier	Agilent	8449B	3008A02096	1 GHz ~ 26.5 GHz	11/04/2016	10/04/2017
Spectrum	KEYSIGHT	N9010A	MY54200885	10 Hz ~ 44 GHz	04/07/2016	03/07/2017
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL 6111D & MTJ6102	35418	30 MHz ~ 1 GHz	1/10/2016	30/09/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1534	1 GHz ~ 18 GHz	22/04/2016	21/04/2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18 GHz ~ 40 GHz	04/01/2016	03/01/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9 kHz ~ 1 GHz	23/07/2016	22/07/2017
RF Cable-high	Jye Bao	RG142	03CH09-HY	1 GHz ~ 40 GHz	23/07/2016	22/07/2017

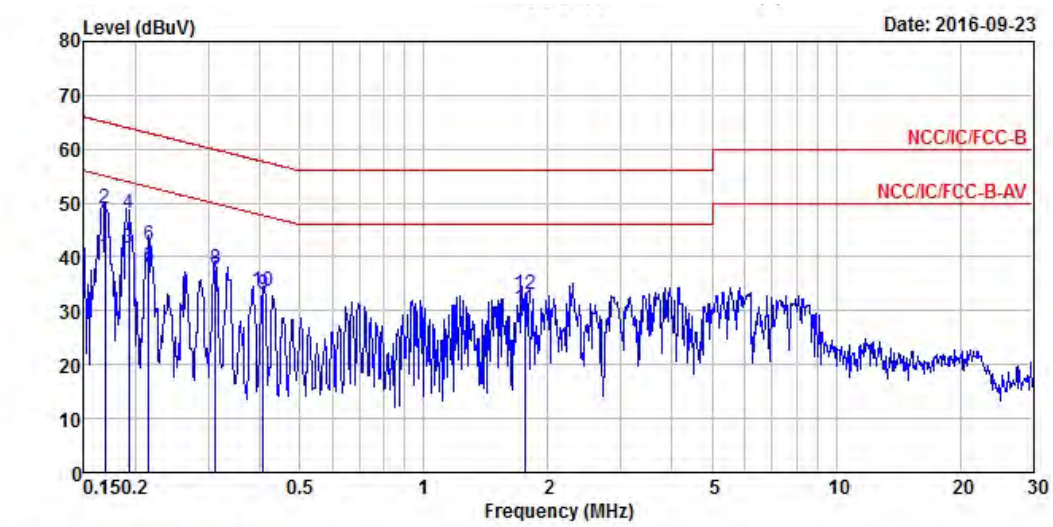
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	UPS Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	dB	
1	0.17	41.60	-13.48	55.08	31.38	0.10	0.25	9.87	Average
2	0.17	49.40	-15.68	65.08	39.18	0.10	0.25	9.87	QP
3 MAX	0.19	42.81	-11.12	53.93	32.54	0.11	0.29	9.87	Average
4	0.19	48.55	-15.38	63.93	38.28	0.11	0.29	9.87	QP
5	0.22	39.13	-13.81	52.94	28.87	0.11	0.28	9.87	Average
6	0.22	43.02	-19.92	62.94	32.76	0.11	0.28	9.87	QP
7	0.31	37.10	-12.77	49.87	26.93	0.12	0.17	9.88	Average
8	0.31	38.20	-21.67	59.87	28.03	0.12	0.17	9.88	QP
9	0.41	34.33	-13.34	47.67	24.23	0.12	0.10	9.88	Average
10	0.41	34.87	-22.80	57.67	24.77	0.12	0.10	9.88	QP
11	5.32	32.71	-17.29	50.00	22.47	0.21	0.13	9.90	Average
12	5.32	34.94	-25.06	60.00	24.70	0.21	0.13	9.90	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	UPS Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	dB	
1	0.17	40.21	-14.82	55.03	29.98	0.11	0.25	9.87	Average
2	0.17	48.93	-16.10	65.03	38.70	0.11	0.25	9.87	QP
3 MAX	0.19	41.65	-12.29	53.94	31.38	0.11	0.29	9.87	Average
4	0.19	48.10	-15.84	63.94	37.83	0.11	0.29	9.87	QP
5	0.22	38.10	-14.91	53.01	27.84	0.11	0.28	9.87	Average
6	0.22	42.35	-20.66	63.01	32.09	0.11	0.28	9.87	QP
7	0.31	36.16	-13.74	49.90	25.99	0.12	0.17	9.88	Average
8	0.31	37.70	-22.20	59.90	27.53	0.12	0.17	9.88	QP
9	0.41	33.21	-14.48	47.69	23.11	0.12	0.10	9.88	Average
10	0.41	33.71	-23.98	57.69	23.61	0.12	0.10	9.88	QP
11	1.75	30.45	-15.55	46.00	20.15	0.15	0.26	9.89	Average
12	1.75	33.04	-22.96	56.00	22.74	0.15	0.26	9.89	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.)

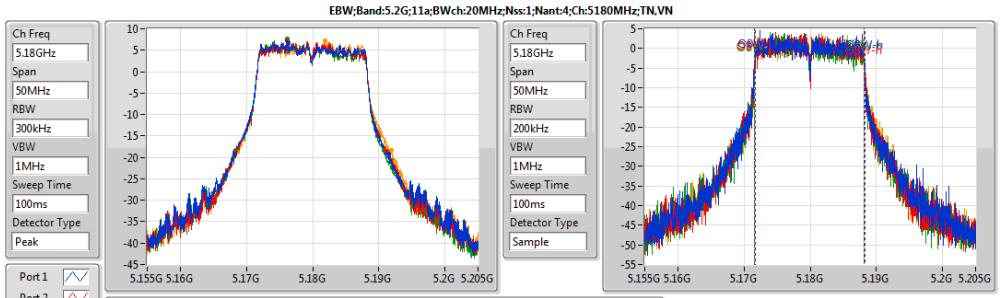
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;11a;20;1;4	33.15M	16.717M	16M7D1D	22.35M	16.542M
5.2G;VHT20;20;1,(M0);4	34.125M	17.941M	17M9D1D	23.775M	17.716M
5.2G;VHT40;40;1,(M0);4	75.45M	36.582M	36M6D1D	42M	36.282M
5.2G;VHT80;80;1,(M0);4	84M	75.662M	75M7D1D	81.3M	75.262M
5.8G;11a;20;1;4	16.4M	16.842M	16M8D1D	15.1M	16.617M
5.8G;VHT20;20;1,(M0);4	17.65M	18.016M	18M0D1D	17.15M	17.791M
5.8G;VHT40;40;1,(M0);4	36.35M	36.682M	36M7D1D	35M	36.432M
5.8G;VHT80;80;1,(M0);4	75.1M	75.662M	75M7D1D	74.4M	75.362M

Result

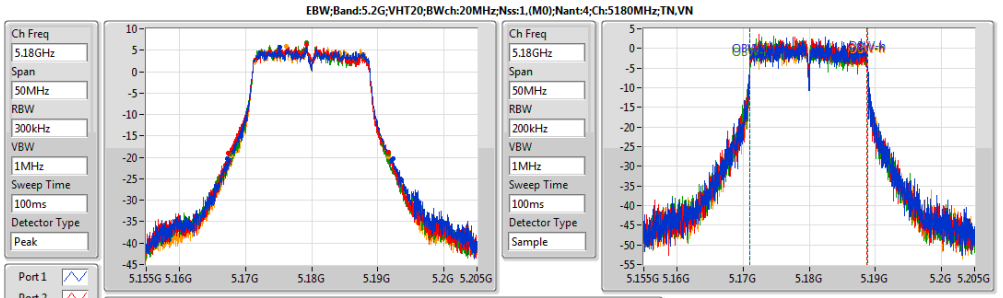
Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	Inf	23.2M	16.567M	23M	16.567M	22.35M	16.542M	23.275M	16.642M
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	Inf	23.2M	16.567M	23M	16.567M	22.35M	16.542M	23.275M	16.642M
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	Inf	25.375M	16.642M	25.675M	16.642M	25.25M	16.717M	25.375M	16.717M
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	Inf	25.375M	16.642M	25.675M	16.642M	25.25M	16.717M	25.375M	16.717M
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	Inf	33.15M	16.692M	25.6M	16.667M	25.25M	16.642M	25.675M	16.667M
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	Inf	33.15M	16.692M	25.6M	16.667M	25.25M	16.642M	25.675M	16.667M
5.2G;VHT20;20;1,(M0);4;5180;L;TN,VN	Pass	Inf	25.05M	17.816M	24.2M	17.716M	23.875M	17.741M	23.775M	17.766M
5.2G;VHT20;20;1,(M0);4;5200;M;TN,VN	Pass	Inf	25.525M	17.866M	33.4M	17.891M	30.65M	17.941M	26.575M	17.891M
5.2G;VHT20;20;1,(M0);4;5240;H;TN,VN	Pass	Inf	25.525M	17.816M	34.125M	17.891M	29.425M	17.916M	30.575M	17.866M
5.2G;VHT40;40;1,(M0);4;5190;L;TN,VN	Pass	Inf	43.2M	36.382M	42.6M	36.382M	42.35M	36.282M	42M	36.332M
5.2G;VHT40;40;1,(M0);4;5230;H;TN,VN	Pass	Inf	56.1M	36.382M	72.3M	36.532M	70.7M	36.582M	75.45M	36.532M
5.2G;VHT80;80;1,(M0);4;5210;S;TN,VN	Pass	Inf	84M	75.462M	81.3M	75.362M	83.3M	75.662M	82.7M	75.262M
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	500k	16.325M	16.617M	16.025M	16.667M	16.35M	16.642M	16.4M	16.767M
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	500k	16.325M	16.617M	15.1M	16.642M	16.35M	16.667M	16.35M	16.792M
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	500k	16.3M	16.617M	16.3M	16.692M	16.375M	16.742M	16.4M	16.842M
5.8G;VHT20;20;1,(M0);4;5745;L;TN,VN	Pass	500k	17.55M	17.816M	17.15M	17.841M	17.6M	17.891M	17.65M	17.966M
5.8G;VHT20;20;1,(M0);4;5785;M;TN,VN	Pass	500k	17.575M	17.816M	17.55M	17.891M	17.625M	17.991M	17.6M	18.016M
5.8G;VHT20;20;1,(M0);4;5825;H;TN,VN	Pass	500k	17.575M	17.791M	17.175M	17.941M	17.575M	17.891M	17.625M	17.966M
5.8G;VHT40;40;1,(M0);4;5755;L;TN,VN	Pass	500k	36.35M	36.432M	36.35M	36.682M	35.95M	36.432M	36.3M	36.432M
5.8G;VHT40;40;1,(M0);4;5795;H;TN,VN	Pass	500k	36.35M	36.482M	35M	36.682M	36.3M	36.632M	36.3M	36.532M
5.8G;VHT80;80;1,(M0);4;5775;S;TN,VN	Pass	500k	75.1M	75.562M	75.1M	75.462M	75.1M	75.662M	74.4M	75.362M

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5180MHz;TN,VN



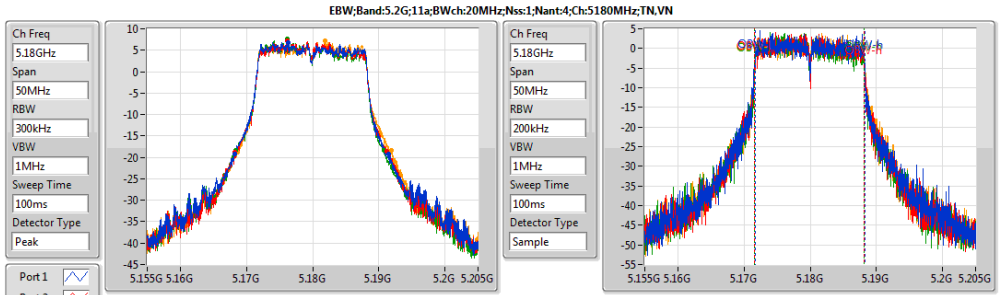
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.2M	5.168225G	5.191425G	16.567M	5.171654G	5.188221G	Inf	1
23M	5.168225G	5.191225G	16.567M	5.171629G	5.188196G	Inf	2
22.35M	5.168375G	5.190725G	16.542M	5.171629G	5.188171G	Inf	3
23.275M	5.16865G	5.191925G	16.642M	5.171629G	5.188271G	Inf	4

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5180MHz;TN,VN



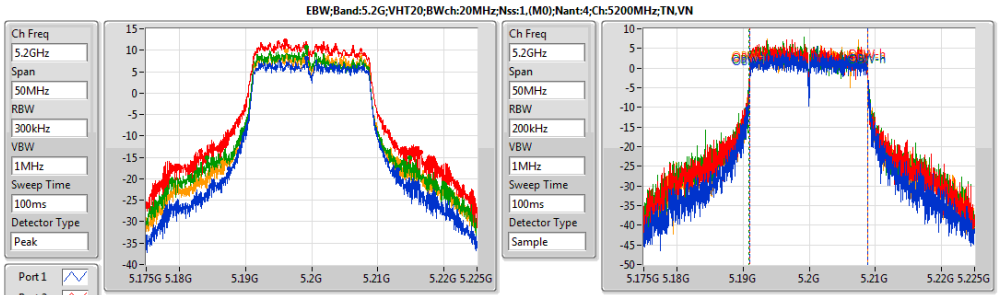
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.05M	5.1673G	5.19235G	17.816M	5.171029G	5.188846G	Inf	1
24.2M	5.167425G	5.191625G	17.716M	5.171054G	5.188771G	Inf	2
23.875M	5.1677G	5.191575G	17.741M	5.171029G	5.188771G	Inf	3
23.775M	5.16785G	5.191625G	17.766M	5.171079G	5.188846G	Inf	4

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5180MHz;TN,VN



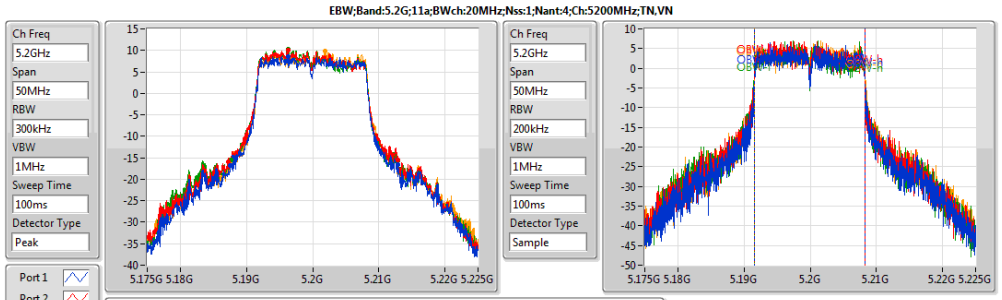
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.2M	5.168225G	5.191425G	16.567M	5.171654G	5.188221G	Inf	1
23M	5.168225G	5.191225G	16.567M	5.171629G	5.188196G	Inf	2
22.35M	5.168375G	5.190725G	16.542M	5.171629G	5.188171G	Inf	3
23.275M	5.16865G	5.191925G	16.642M	5.171629G	5.188271G	Inf	4

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5200MHz;TN,VN



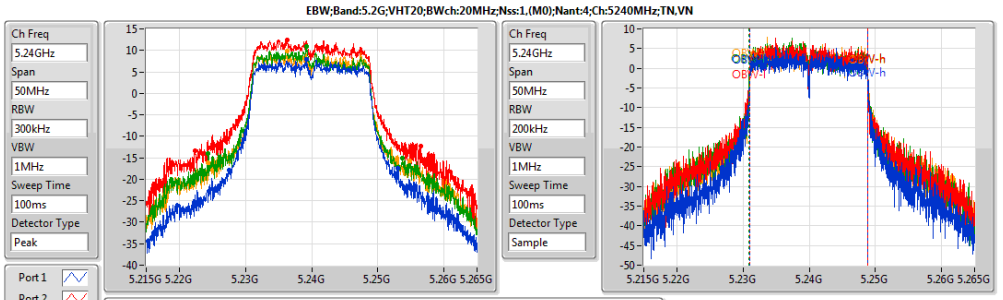
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.525M	5.18755G	5.213075G	17.866M	5.191029G	5.208896G	Inf	1
33.4M	5.18315G	5.21655G	17.891M	5.190955G	5.208846G	Inf	2
30.65M	5.184125G	5.214775G	17.941M	5.19093G	5.208871G	Inf	3
26.575M	5.186625G	5.2132G	17.891M	5.19098G	5.208871G	Inf	4

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5200MHz;TN,VN



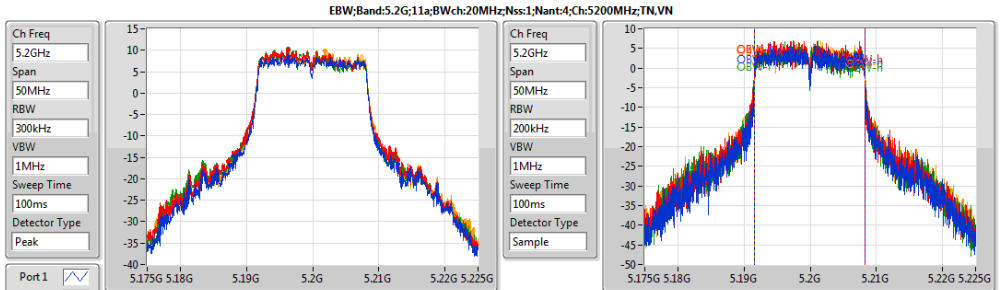
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.375M	5.187525G	5.2129G	16.642M	5.191629G	5.208271G	Inf	1
25.675M	5.18725G	5.212925G	16.642M	5.191604G	5.208246G	Inf	2
25.25M	5.18765G	5.2129G	16.717M	5.191554G	5.208271G	Inf	3
25.375M	5.18755G	5.212925G	16.717M	5.191629G	5.208346G	Inf	4

EBW;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5240MHz;TN,VN



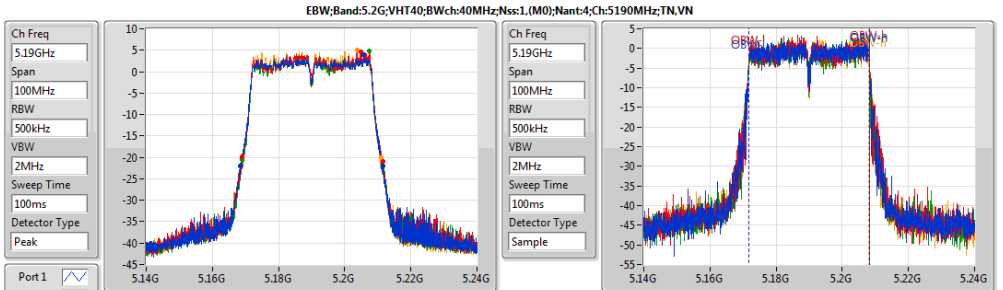
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.525M	5.22755G	5.253075G	17.816M	5.231029G	5.248846G	Inf	1
34.125M	5.22235G	5.256475G	17.891M	5.230955G	5.248846G	Inf	2
29.425M	5.224275G	5.2537G	17.916M	5.23093G	5.248846G	Inf	3
30.575M	5.224325G	5.2549G	17.866M	5.231004G	5.248871G	Inf	4

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5200MHz;TN,VN



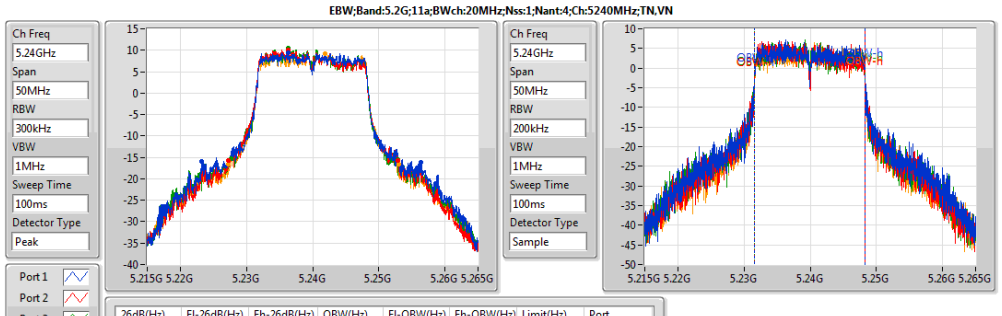
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.375M	5.187525G	5.2129G	16.642M	5.191629G	5.208271G	Inf	1
25.675M	5.18725G	5.212925G	16.642M	5.191604G	5.208246G	Inf	2
25.25M	5.18765G	5.2129G	16.717M	5.191554G	5.208271G	Inf	3
25.375M	5.18755G	5.212925G	16.717M	5.191629G	5.208346G	Inf	4

EBW;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5190MHz;TN,VN



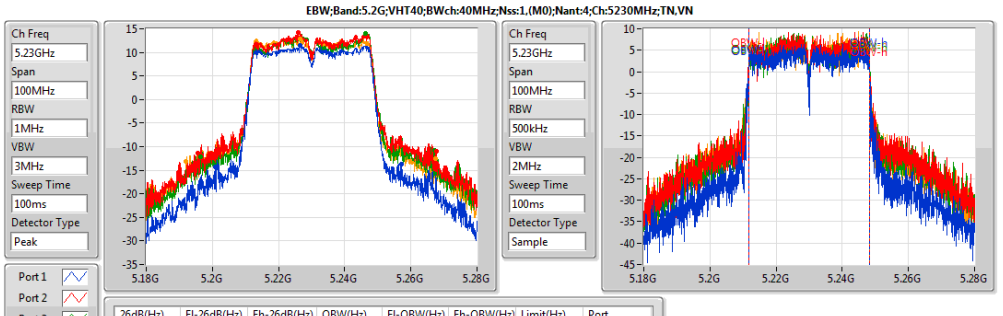
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.2M	5.1684G	5.2116G	36.382M	5.171809G	5.208191G	Inf	1
42.6M	5.1689G	5.2115G	36.382M	5.171759G	5.208141G	Inf	2
42.35M	5.1691G	5.21145G	36.282M	5.171859G	5.208141G	Inf	3
42M	5.1691G	5.2111G	36.332M	5.171759G	5.208091G	Inf	4

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5240MHz;TN,VN



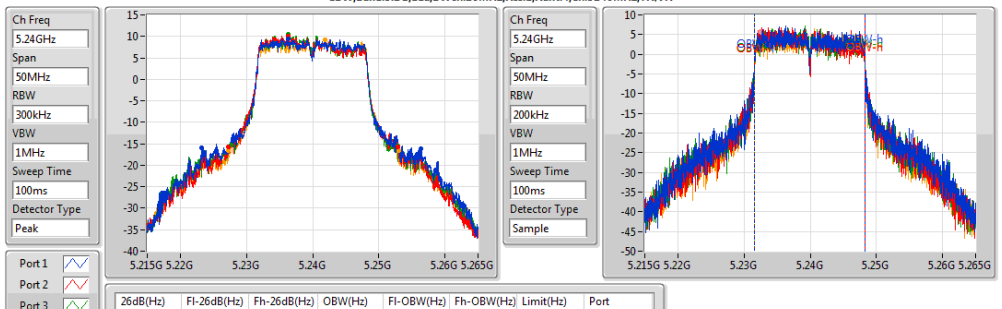
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.15M	5.223275G	5.256425G	16.692M	5.231579G	5.248271G	Inf	1
25.6M	5.227325G	5.252925G	16.667M	5.231579G	5.248246G	Inf	2
25.25M	5.227625G	5.252875G	16.642M	5.231604G	5.248246G	Inf	3
25.675M	5.2273G	5.252975G	16.667M	5.231629G	5.248296G	Inf	4

EBW;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5230MHz;TN,VN



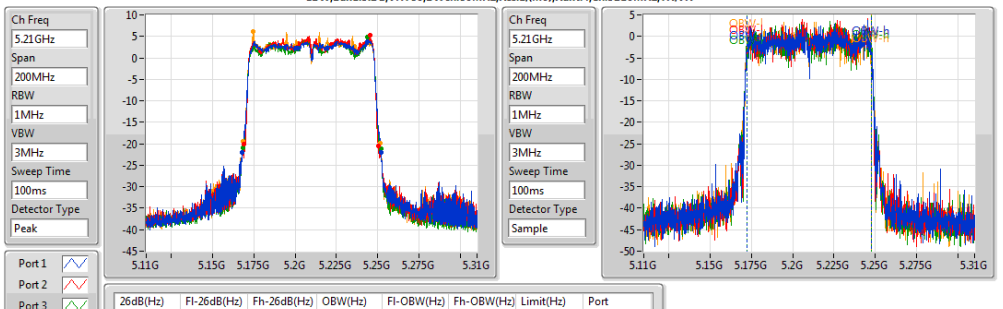
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.1M	5.20095G	5.25705G	36.382M	5.211759G	5.248141G	Inf	1
72.3M	5.1955G	5.2678G	36.532M	5.211709G	5.248241G	Inf	2
70.7M	5.1965G	5.2672G	36.582M	5.211709G	5.248291G	Inf	3
75.45M	5.19195G	5.2674G	36.532M	5.211659G	5.248191G	Inf	4

EBW;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5240MHz;TN,VN



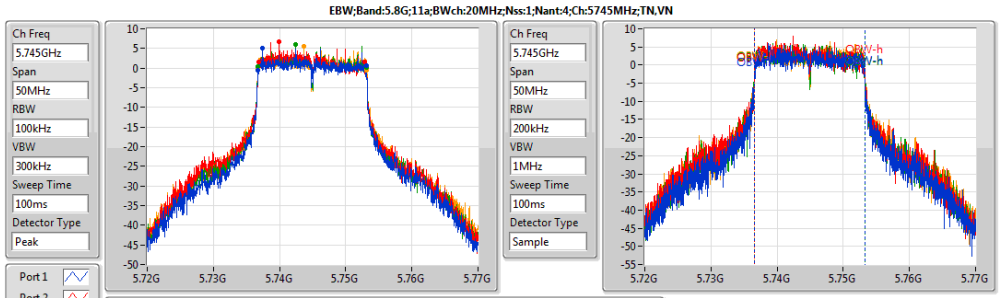
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.15M	5.223275G	5.256425G	16.692M	5.231579G	5.248271G	Inf	1
25.6M	5.227325G	5.252925G	16.667M	5.231579G	5.248246G	Inf	2
25.25M	5.227625G	5.252875G	16.642M	5.231604G	5.248246G	Inf	3
25.675M	5.2273G	5.252975G	16.667M	5.231629G	5.248296G	Inf	4

EBW;Band:5.2G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5210MHz;TN,VN



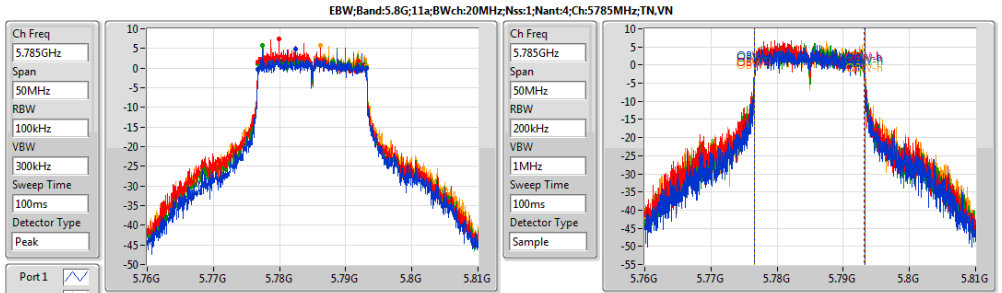
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84M	5.1681G	5.2521G	75.462M	5.172219G	5.247681G	Inf	1
81.3M	5.169G	5.2503G	75.362M	5.172219G	5.247581G	Inf	2
83.3M	5.1685G	5.2518G	75.662M	5.172119G	5.247781G	Inf	3
82.7M	5.1686G	5.2513G	75.262M	5.172219G	5.247481G	Inf	4

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5745MHz;TN,VN



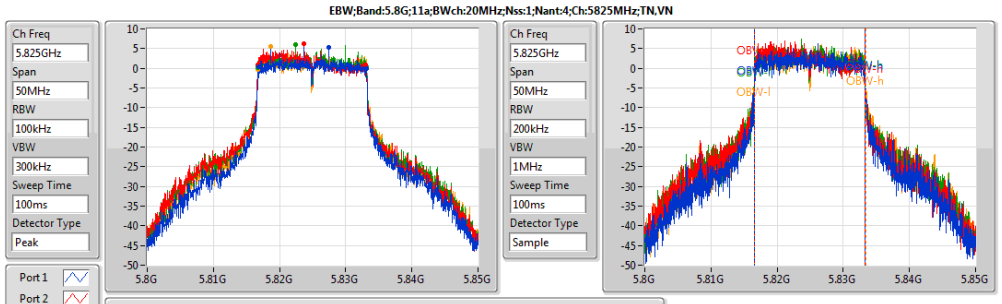
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.736775G	5.7531G	16.617M	5.736604G	5.753221G	500k	1
16.025M	5.7368G	5.752825G	16.667M	5.736554G	5.753221G	500k	2
16.35M	5.736775G	5.753125G	16.642M	5.736579G	5.753221G	500k	3
16.4M	5.73675G	5.75315G	16.767M	5.736554G	5.753321G	500k	4

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5785MHz;TN,VN



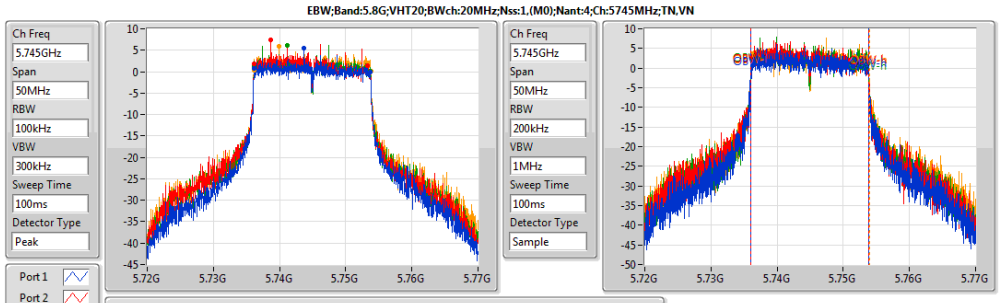
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.776775G	5.7931G	16.617M	5.776629G	5.793246G	500k	1
15.1M	5.776775G	5.791875G	16.642M	5.776554G	5.793196G	500k	2
16.35M	5.776775G	5.793125G	16.667M	5.776579G	5.793246G	500k	3
16.35M	5.776775G	5.793125G	16.792M	5.776554G	5.793346G	500k	4

EBW;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5825MHz;TN,VN



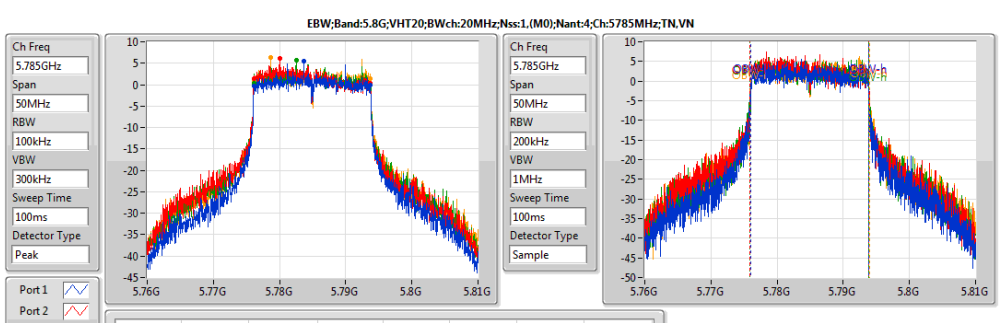
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.8168G	5.8331G	16.617M	5.816629G	5.833246G	500k	1
16.3M	5.816775G	5.833075G	16.692M	5.816554G	5.833246G	500k	2
16.375M	5.81675G	5.833125G	16.742M	5.816529G	5.833271G	500k	3
16.4M	5.81675G	5.83315G	16.842M	5.816554G	5.833396G	500k	4

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5745MHz;TN,VN



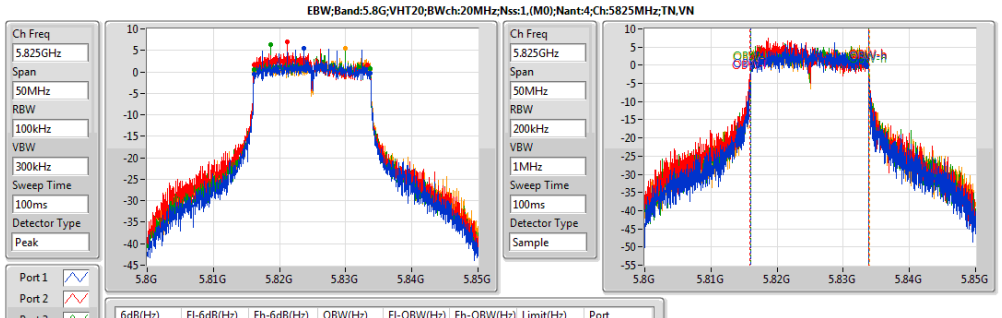
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.736175G	5.753725G	17.816M	5.736004G	5.753821G	500k	1
17.15M	5.736175G	5.753325G	17.841M	5.73598G	5.753821G	500k	2
17.6M	5.73615G	5.75375G	17.891M	5.735955G	5.753846G	500k	3
17.65M	5.736125G	5.753775G	17.966M	5.735955G	5.753921G	500k	4

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5785MHz;TN,VN



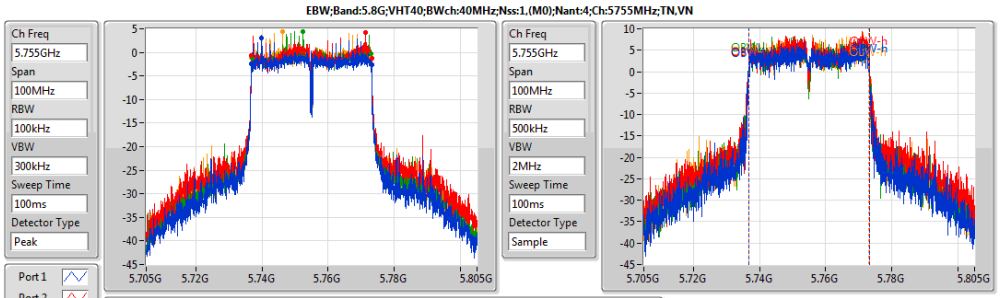
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.77615G	5.793725G	17.816M	5.776004G	5.793821G	500k	1
17.55M	5.776175G	5.793725G	17.891M	5.77593G	5.793821G	500k	2
17.625M	5.776125G	5.79375G	17.991M	5.77588G	5.793871G	500k	3
17.6M	5.77615G	5.79375G	18.016M	5.775905G	5.793921G	500k	4

EBW;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5825MHz;TN,VN



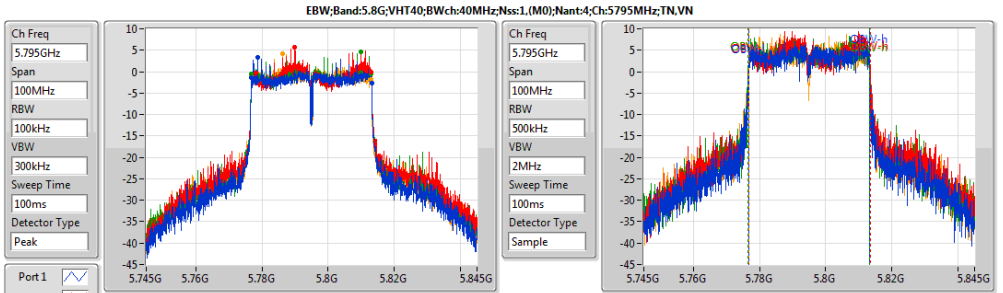
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.81615G	5.833725G	17.791M	5.816029G	5.833821G	500k	1
17.175M	5.81615G	5.833325G	17.941M	5.81588G	5.833821G	500k	2
17.575M	5.81615G	5.833725G	17.891M	5.816004G	5.833896G	500k	3
17.625M	5.816125G	5.83375G	17.966M	5.81598G	5.833946G	500k	4

EBW;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5755MHz;TN,VN



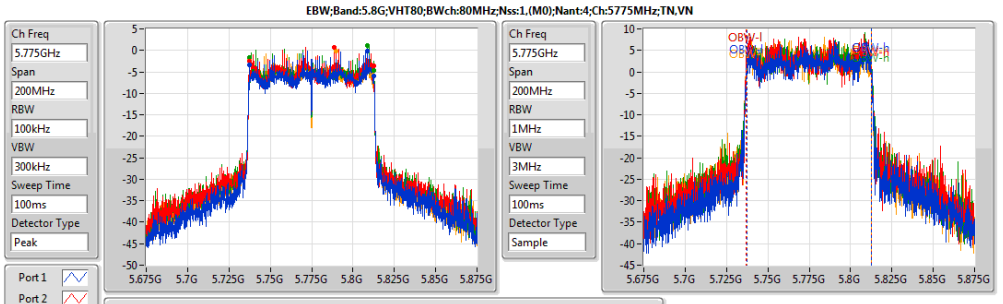
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7368G	5.77315G	36.432M	5.736709G	5.773141G	500k	1
36.35M	5.7368G	5.77315G	36.682M	5.736659G	5.773341G	500k	2
35.95M	5.73715G	5.7731G	36.432M	5.736709G	5.773141G	500k	3
36.3M	5.7368G	5.7731G	36.432M	5.736659G	5.773091G	500k	4

EBW;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5795MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.7768G	5.81315G	36.482M	5.776709G	5.813191G	500k	1
35M	5.7781G	5.8131G	36.682M	5.776709G	5.813391G	500k	2
36.3M	5.7768G	5.8131G	36.632M	5.776609G	5.813241G	500k	3
36.3M	5.7768G	5.8131G	36.532M	5.776659G	5.813191G	500k	4

EBW;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5775MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.1M	5.7374G	5.8125G	75.562M	5.737119G	5.812681G	500k	1
75.1M	5.7374G	5.8125G	75.462M	5.737019G	5.812481G	500k	2
75.1M	5.7374G	5.8125G	75.662M	5.737019G	5.812681G	500k	3
74.4M	5.7375G	5.8119G	75.362M	5.737119G	5.812481G	500k	4

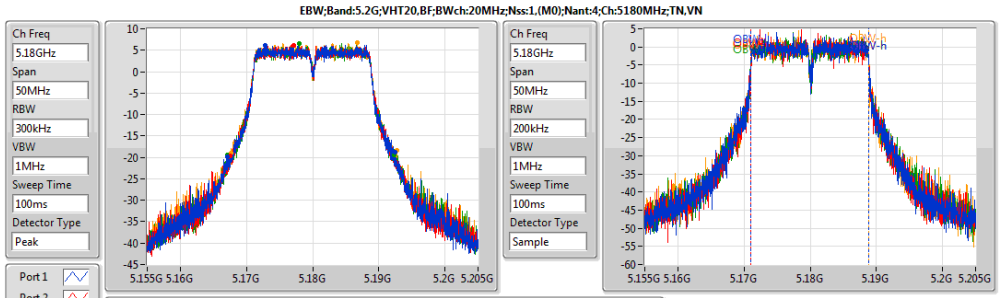
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;VHT20,BF;20;1,(M0);4	25.65M	17.866M	17M9D1D	24.875M	17.791M
5.2G;VHT40,BF;40;1,(M0);4	43.2M	36.432M	36M4D1D	42.15M	36.282M
5.2G;VHT80,BF;80;1,(M0);4	82.6M	75.862M	75M9D1D	80.3M	75.062M
5.8G;VHT20,BF;20;1,(M0);4	17.65M	17.841M	17M8D1D	16.8M	17.766M
5.8G;VHT40,BF;40;1,(M0);4	35.35M	36.482M	36M5D1D	33.75M	36.232M
5.8G;VHT80,BF;80;1,(M0);4	74.4M	76.162M	76M2D1D	68.9M	75.362M

Result

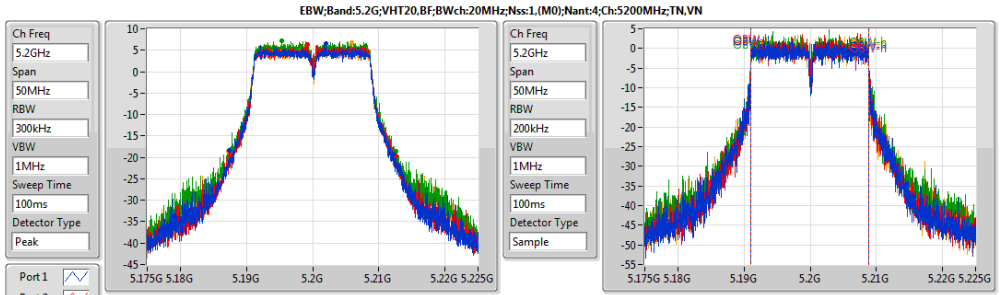
Mode	Result	Limit (Hz)	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;VHT20,BF;20;1,(M0);4;5180;L;TN,VN	Pass	Inf	25.35M	17.816M	25.05M	17.791M	25.2M	17.791M	25.1M	17.816M
5.2G;VHT20,BF;20;1,(M0);4;5200;M;TN,VN	Pass	Inf	24.875M	17.841M	25.075M	17.816M	25.15M	17.791M	24.95M	17.841M
5.2G;VHT20,BF;20;1,(M0);4;5240;H;TN,VN	Pass	Inf	25.375M	17.791M	25.65M	17.841M	25.275M	17.841M	24.975M	17.866M
5.2G;VHT40,BF;40;1,(M0);4;5190;L;TN,VN	Pass	Inf	43.2M	36.432M	43M	36.332M	43M	36.332M	42.9M	36.432M
5.2G;VHT40,BF;40;1,(M0);4;5230;H;TN,VN	Pass	Inf	42.15M	36.282M	42.95M	36.332M	43.15M	36.382M	43M	36.382M
5.2G;VHT80,BF;80;1,(M0);4;5210;S;TN,VN	Pass	Inf	82.5M	75.362M	80.3M	75.062M	82.6M	75.462M	81.5M	75.862M
5.8G;VHT20,BF;20;1,(M0);4;5745;L;TN,VN	Pass	500k	17.6M	17.791M	17.575M	17.816M	17.6M	17.841M	17.575M	17.791M
5.8G;VHT20,BF;20;1,(M0);4;5785;M;TN,VN	Pass	500k	17.6M	17.841M	17.525M	17.841M	17.6M	17.816M	17.575M	17.816M
5.8G;VHT20,BF;20;1,(M0);4;5825;H;TN,VN	Pass	500k	17.6M	17.816M	16.8M	17.791M	17.65M	17.766M	17.55M	17.816M
5.8G;VHT40,BF;40;1,(M0);4;5755;L;TN,VN	Pass	500k	35M	36.332M	33.75M	36.232M	35M	36.382M	35.35M	36.482M
5.8G;VHT40,BF;40;1,(M0);4;5795;H;TN,VN	Pass	500k	34.85M	36.382M	35.1M	36.282M	35.3M	36.332M	34.95M	36.232M
5.8G;VHT80,BF;80;1,(M0);4;5775;S;TN,VN	Pass	500k	69.4M	75.662M	72.1M	75.362M	74.4M	76.162M	68.9M	75.362M

EBW;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5180MHz;TN,VN



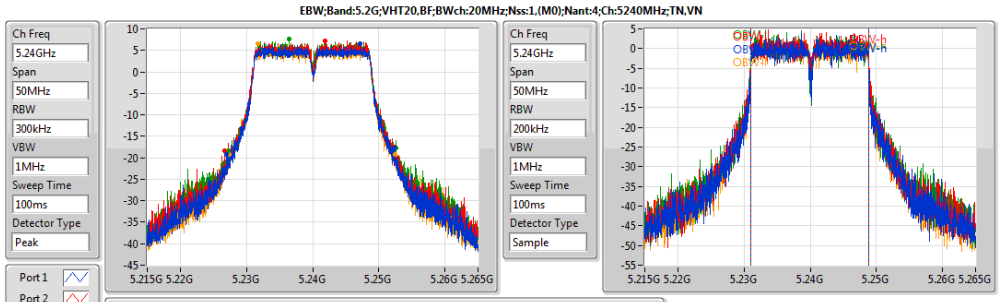
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.35M	5.167075G	5.192425G	17.816M	5.171029G	5.188846G	Inf	1
25.05M	5.167475G	5.192525G	17.791M	5.171029G	5.188821G	Inf	2
25.2M	5.167175G	5.192375G	17.791M	5.171054G	5.188846G	Inf	3
25.1M	5.167625G	5.192725G	17.816M	5.171029G	5.188846G	Inf	4

EBW;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5200MHz;TN,VN



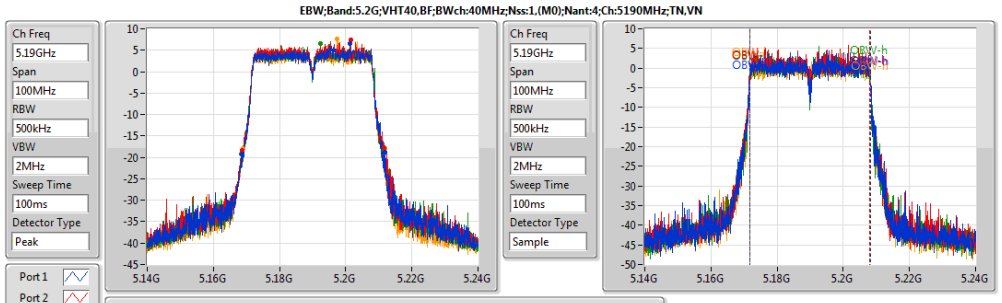
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.875M	5.187375G	5.21225G	17.841M	5.191029G	5.208871G	Inf	1
25.075M	5.18755G	5.212625G	17.816M	5.191029G	5.208846G	Inf	2
25.15M	5.187475G	5.212625G	17.791M	5.191029G	5.208821G	Inf	3
24.95M	5.187325G	5.212275G	17.841M	5.191004G	5.208846G	Inf	4

EBW;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5240MHz;TN,VN



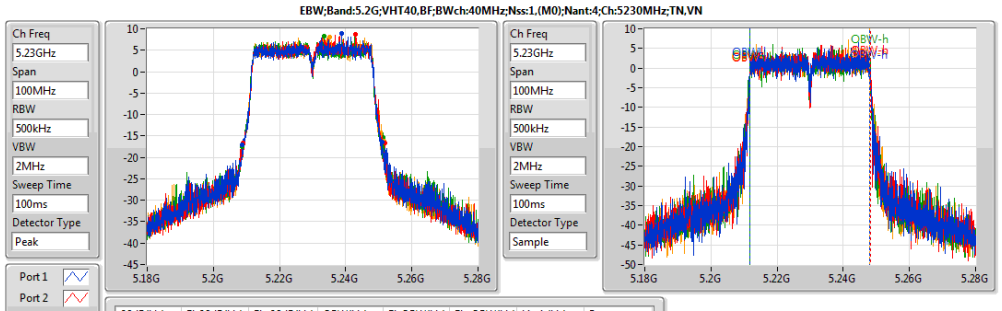
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.375M	5.227G	5.252375G	17.791M	5.231029G	5.248821G	Inf	1
25.65M	5.226725G	5.252375G	17.841M	5.231004G	5.248846G	Inf	2
25.275M	5.227325G	5.2526G	17.841M	5.231004G	5.248846G	Inf	3
24.975M	5.22745G	5.252425G	17.866M	5.23098G	5.248846G	Inf	4

EBW;Band:5.2G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5190MHz;TN,VN



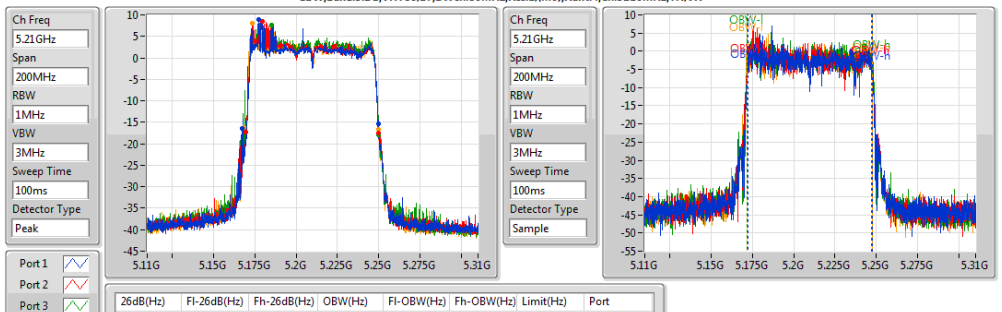
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.2M	5.1686G	5.2118G	36.432M	5.171709G	5.208141G	Inf	1
43M	5.1687G	5.2117G	36.332M	5.171759G	5.208091G	Inf	2
43M	5.16855G	5.21155G	36.332M	5.171759G	5.208091G	Inf	3
42.9M	5.1691G	5.212G	36.432M	5.171709G	5.208141G	Inf	4

EBW;Band:5.2G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5230MHz;TN,VN



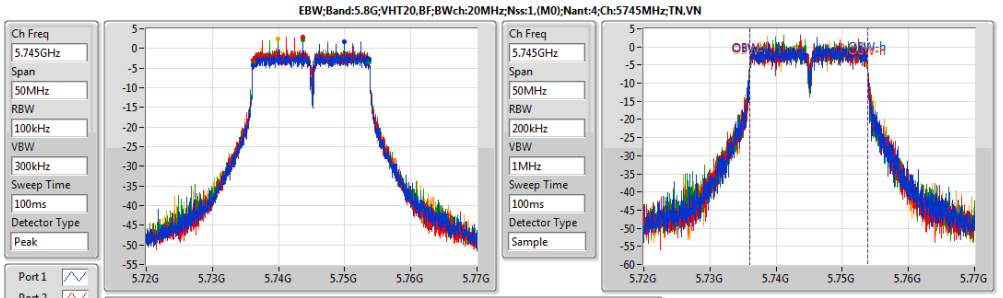
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.15M	5.2088G	5.25095G	36.282M	5.211809G	5.248091G	Inf	1
42.95M	5.209G	5.25195G	36.332M	5.211809G	5.248141G	Inf	2
43.15M	5.20875G	5.2519G	36.382M	5.211759G	5.248141G	Inf	3
43M	5.2086G	5.2516G	36.382M	5.211709G	5.248091G	Inf	4

EBW;Band:5.2G;VHT80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5210MHz;TN,VN



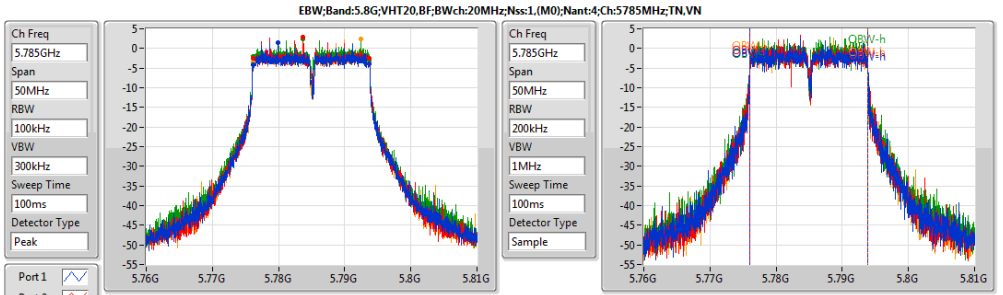
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.1674G	5.2499G	75.362M	5.172219G	5.247581G	Inf	1
80.3M	5.1696G	5.2499G	75.062M	5.172219G	5.247281G	Inf	2
82.6M	5.1675G	5.2501G	75.462M	5.172019G	5.247481G	Inf	3
81.5M	5.1686G	5.2501G	75.862M	5.171619G	5.247481G	Inf	4

EBW;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5745MHz;TN,VN



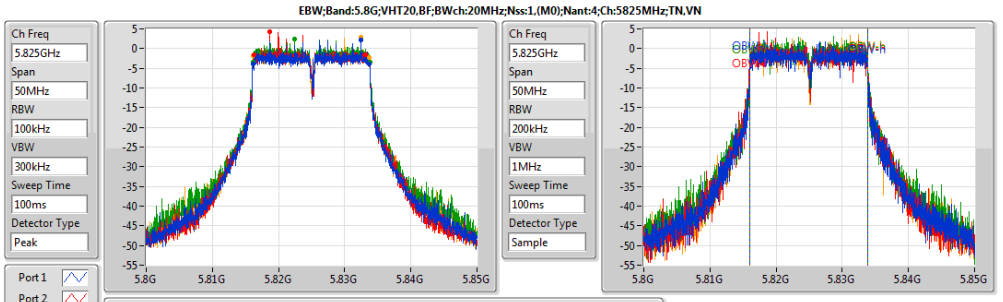
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.736125G	5.753725G	17.791M	5.736004G	5.753796G	500k	1
17.575M	5.73615G	5.753725G	17.816M	5.736004G	5.753821G	500k	2
17.6M	5.736125G	5.753725G	17.841M	5.73598G	5.753821G	500k	3
17.575M	5.73615G	5.753725G	17.791M	5.736029G	5.753821G	500k	4

EBW;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5785MHz;TN,VN



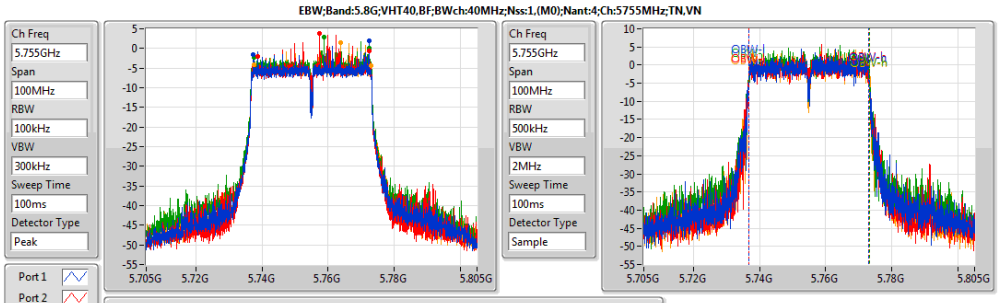
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.77615G	5.79375G	17.841M	5.776004G	5.793846G	500k	1
17.525M	5.7762G	5.793725G	17.841M	5.776004G	5.793846G	500k	2
17.6M	5.77615G	5.79375G	17.816M	5.776029G	5.793846G	500k	3
17.575M	5.77615G	5.793725G	17.816M	5.776029G	5.793846G	500k	4

EBW;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5825MHz;TN,VN



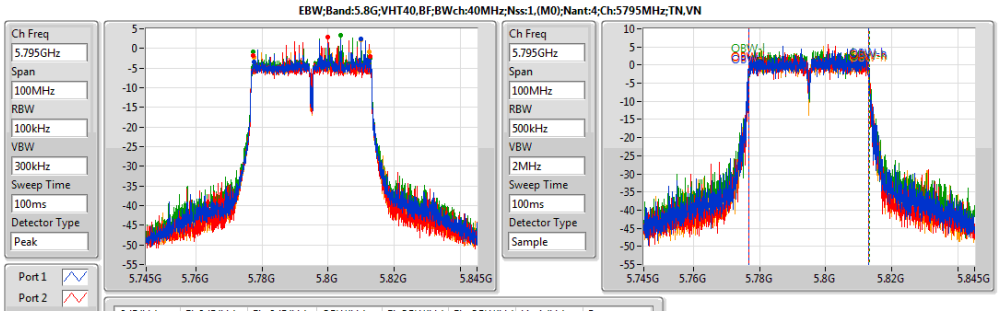
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.81615G	5.83375G	17.816M	5.816029G	5.833846G	500k	1
16.8M	5.81635G	5.83315G	17.791M	5.816029G	5.833821G	500k	2
17.65M	5.816125G	5.833775G	17.766M	5.816029G	5.833796G	500k	3
17.55M	5.816175G	5.833725G	17.816M	5.816029G	5.833846G	500k	4

EBW;Band:5.8G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5755MHz;TN,VN



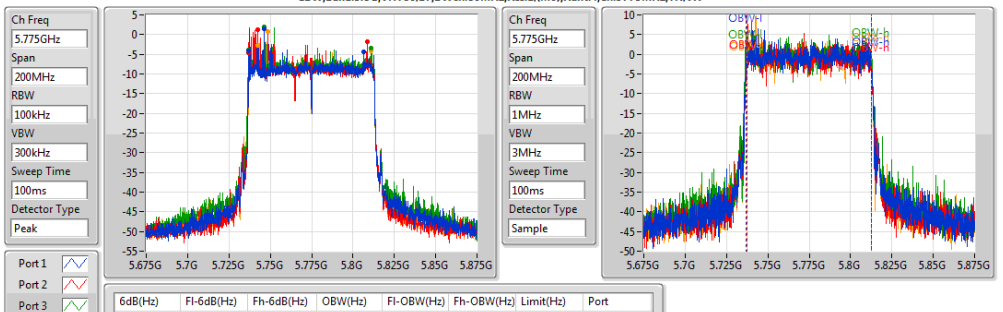
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.73745G	5.77245G	36.332M	5.736759G	5.773091G	500k	1
33.75M	5.73875G	5.7725G	36.232M	5.736809G	5.773041G	500k	2
35M	5.7375G	5.7725G	36.382M	5.736759G	5.773141G	500k	3
35.35M	5.7377G	5.77305G	36.482M	5.736759G	5.773241G	500k	4

EBW;Band:5.8G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5795MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.85M	5.7775G	5.81235G	36.382M	5.776709G	5.813091G	500k	1
35.1M	5.77745G	5.81255G	36.282M	5.776759G	5.813041G	500k	2
35.3M	5.77745G	5.81275G	36.332M	5.776809G	5.813141G	500k	3
34.95M	5.7775G	5.81245G	36.232M	5.776809G	5.813041G	500k	4

EBW;Band:5.8G;VHT80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5775MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
69.4M	5.7368G	5.8062G	75.662M	5.736919G	5.812581G	500k	1
72.1M	5.7367G	5.8088G	75.362M	5.737219G	5.812581G	500k	2
74.4M	5.7368G	5.8112G	76.162M	5.736619G	5.812781G	500k	3
68.9M	5.7423G	5.8112G	75.362M	5.737219G	5.812581G	500k	4

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;11a;20;1;4	24.68	0.29376	28.38	0.68865
5.2G;HT20;20;1,(M0);4	24.26	0.26669	27.96	0.62517
5.2G;HT40;40;1,(M0);4	24.58	0.28708	28.28	0.67298
5.2G;VHT20;20;1,(M0);4	24.33	0.27102	28.03	0.63533
5.2G;VHT40;40;1,(M0);4	24.79	0.3013	28.49	0.70632
5.2G;VHT80;80;1,(M0);4	18.99	0.07925	22.69	0.18578
5.8G;11a;20;1;4	23.87	0.24378	27.57	0.57148
5.8G;HT20;20;1,(M0);4	24.05	0.2541	27.75	0.59566
5.8G;HT40;40;1,(M0);4	24.44	0.27797	28.14	0.65163
5.8G;VHT20;20;1,(M0);4	24.09	0.25645	27.79	0.60117
5.8G;VHT40;40;1,(M0);4	24.48	0.28054	28.18	0.65766
5.8G;VHT80;80;1,(M0);4	22.98	0.19861	26.68	0.46559

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	3.70	25.14	36.00	21.44	30.00	15.47	15.42	15.30	15.49
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	3.70	25.14	36.00	21.44	30.00	15.47	15.42	15.30	15.49
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	3.70	28.04	36.00	24.34	30.00	17.81	18.57	18.45	18.38
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	3.70	28.04	36.00	24.34	30.00	17.81	18.57	18.45	18.38
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	3.70	28.38	36.00	24.68	30.00	18.88	18.79	18.58	18.38
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	3.70	28.38	36.00	24.68	30.00	18.88	18.79	18.58	18.38
5.2G;HT20;20;1,(M0);4;5180;L;TN,VN	Pass	3.70	24.61	36.00	20.91	30.00	14.70	15.25	14.67	14.91
5.2G;HT20;20;1,(M0);4;5200;M;TN,VN	Pass	3.70	27.87	36.00	24.17	30.00	16.92	18.66	18.48	18.33
5.2G;HT20;20;1,(M0);4;5240;H;TN,VN	Pass	3.70	27.96	36.00	24.26	30.00	17.00	18.71	18.71	18.34
5.2G;HT40;40;1,(M0);4;5190;L;TN,VN	Pass	3.70	22.95	36.00	19.25	30.00	13.01	13.46	13.03	13.41
5.2G;HT40;40;1,(M0);4;5230;H;TN,VN	Pass	3.70	28.28	36.00	24.58	30.00	16.53	19.20	19.09	18.92
5.2G;VHT20;20;1,(M0);4;5180;L;TN,VN	Pass	3.70	24.63	36.00	20.93	30.00	14.63	15.17	14.76	15.05
5.2G;VHT20;20;1,(M0);4;5200;M;TN,VN	Pass	3.70	27.90	36.00	24.20	30.00	17.05	18.65	18.56	18.29
5.2G;VHT20;20;1,(M0);4;5240;H;TN,VN	Pass	3.70	28.03	36.00	24.33	30.00	17.02	18.89	18.67	18.44
5.2G;VHT40;40;1,(M0);4;5190;L;TN,VN	Pass	3.70	23.06	36.00	19.36	30.00	13.27	13.66	13.03	13.38
5.2G;VHT40;40;1,(M0);4;5230;H;TN,VN	Pass	3.70	28.49	36.00	24.79	30.00	17.40	19.39	18.99	19.03
5.2G;VHT80;80;1,(M0);4;5210;S;TN,VN	Pass	3.70	22.69	36.00	18.99	30.00	13.00	13.27	12.58	13.00
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	3.70	27.57	36.00	23.87	30.00	17.24	18.26	17.95	17.91
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	3.70	27.55	36.00	23.85	30.00	17.48	18.10	17.77	17.95
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	3.70	27.47	36.00	23.77	30.00	17.09	18.08	18.12	17.62
5.8G;HT20;20;1,(M0);4;5745;L;TN,VN	Pass	3.70	27.75	36.00	24.05	30.00	17.26	18.45	18.12	18.22
5.8G;HT20;20;1,(M0);4;5785;M;TN,VN	Pass	3.70	27.54	36.00	23.84	30.00	17.14	18.18	18.01	17.88
5.8G;HT20;20;1,(M0);4;5825;H;TN,VN	Pass	3.70	27.38	36.00	23.68	30.00	16.91	17.98	18.00	17.64
5.8G;HT40;40;1,(M0);4;5755;L;TN,VN	Pass	3.70	28.14	36.00	24.44	30.00	17.58	18.90	18.51	18.59
5.8G;HT40;40;1,(M0);4;5795;H;TN,VN	Pass	3.70	28.01	36.00	24.31	30.00	17.67	18.65	18.28	18.49
5.8G;VHT20;20;1,(M0);4;5745;L;TN,VN	Pass	3.70	27.78	36.00	24.08	30.00	17.27	18.32	18.22	18.34
5.8G;VHT20;20;1,(M0);4;5785;M;TN,VN	Pass	3.70	27.79	36.00	24.09	30.00	17.27	18.54	18.24	18.14
5.8G;VHT20;20;1,(M0);4;5825;H;TN,VN	Pass	3.70	27.48	36.00	23.78	30.00	17.16	18.20	17.92	17.69
5.8G;VHT40;40;1,(M0);4;5755;L;TN,VN	Pass	3.70	28.18	36.00	24.48	30.00	17.88	18.84	18.52	18.54
5.8G;VHT40;40;1,(M0);4;5795;H;TN,VN	Pass	3.70	28.04	36.00	24.34	30.00	17.74	18.66	18.47	18.37
5.8G;VHT80;80;1,(M0);4;5775;S;TN,VN	Pass	3.70	26.68	36.00	22.98	30.00	16.37	17.23	17.25	16.91

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;VHT20,BF;20;1,(M0);4	20.50	0.1122	30.22	1.05196
5.2G;VHT40,BF;40;1,(M0);4	20.46	0.11117	30.18	1.04232
5.2G;VHT80,BF;80;1,(M0);4	17.10	0.05129	26.82	0.48084
5.8G;VHT20,BF;20;1,(M0);4	19.40	0.0871	29.12	0.81658
5.8G;VHT40,BF;40;1,(M0);4	20.08	0.10186	29.80	0.95499
5.8G;VHT80,BF;80;1,(M0);4	19.08	0.08091	28.80	0.75858

Result

Mode	Result	DG (dBi)	Sum (dBm)	Sum Lim. (dBm)	EIRP (dBm)	EIRP Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G;VHT20,BF;20;1,(M0);4;5180;L;TN,VN	Pass	9.72	19.86	26.28	29.58	36.00	13.70	13.99	13.79	13.86
5.2G;VHT20,BF;20;1,(M0);4;5200;M;TN,VN	Pass	9.72	20.50	26.28	30.22	36.00	14.32	14.11	14.88	14.57
5.2G;VHT20,BF;20;1,(M0);4;5240;H;TN,VN	Pass	9.72	20.38	26.28	30.10	36.00	14.36	14.56	14.06	14.45
5.2G;VHT40,BF;40;1,(M0);4;5190;L;TN,VN	Pass	9.72	18.68	26.28	28.40	36.00	12.71	12.65	12.89	12.39
5.2G;VHT40,BF;40;1,(M0);4;5230;H;TN,VN	Pass	9.72	20.46	26.28	30.18	36.00	14.88	14.60	14.06	14.15
5.2G;VHT80,BF;80;1,(M0);4;5210;S;TN,VN	Pass	9.72	17.10	26.28	26.82	36.00	10.75	11.53	10.95	11.04
5.8G;VHT20,BF;20;1,(M0);4;5745;L;TN,VN	Pass	9.72	19.37	26.28	29.09	36.00	13.25	13.42	13.35	13.35
5.8G;VHT20,BF;20;1,(M0);4;5785;M;TN,VN	Pass	9.72	19.40	26.28	29.12	36.00	12.69	13.69	13.77	13.30
5.8G;VHT20,BF;20;1,(M0);4;5825;H;TN,VN	Pass	9.72	19.23	26.28	28.95	36.00	12.94	13.23	13.49	13.18
5.8G;VHT40,BF;40;1,(M0);4;5755;L;TN,VN	Pass	9.72	19.40	26.28	29.12	36.00	13.21	13.18	13.19	13.89
5.8G;VHT40,BF;40;1,(M0);4;5795;H;TN,VN	Pass	9.72	20.08	26.28	29.80	36.00	13.26	13.97	14.85	14.00
5.8G;VHT80,BF;80;1,(M0);4;5775;S;TN,VN	Pass	9.72	19.08	26.28	28.80	36.00	12.39	13.32	13.58	12.86

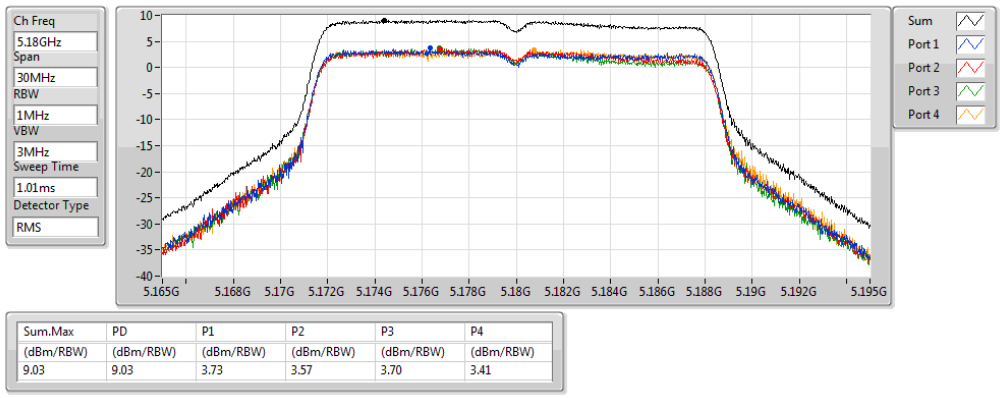
Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;20;1;4	12.14	21.86
5.2G;VHT20;20;1,(M0);4	13.04	22.76
5.2G;VHT40;40;1,(M0);4	10.68	20.40
5.2G;VHT80;80;1,(M0);4	2.27	11.99
5.8G;11a;20;1;4	9.78	19.50
5.8G;VHT20;20;1,(M0);4	9.82	19.54
5.8G;VHT40;40;1,(M0);4	7.31	17.03
5.8G;VHT80;80;1,(M0);4	3.39	13.11

Result

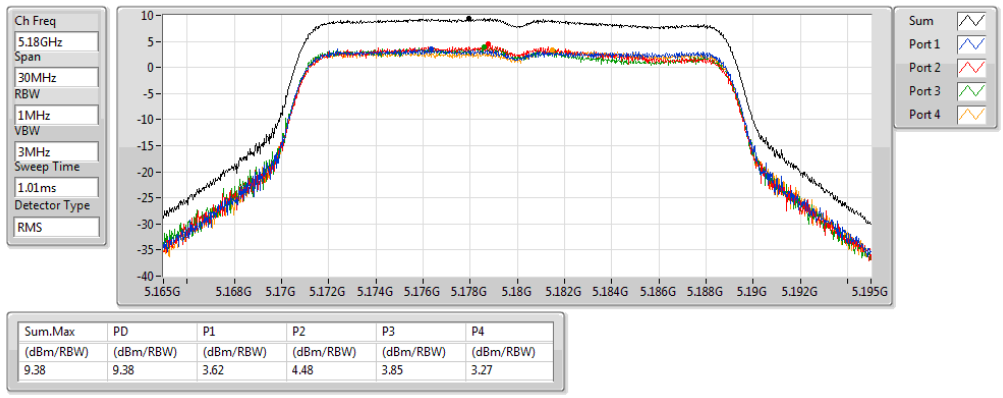
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Lim (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	1M	1M	0.00	9.72	9.03	9.03	13.28	18.75	Inf	3.73	3.57	3.70	3.41
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	1M	1M	0.00	9.72	9.03	9.03	13.28	18.75	Inf	3.73	3.57	3.70	3.41
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	1M	1M	0.00	9.72	11.80	11.80	13.28	21.52	Inf	5.35	6.33	6.95	5.89
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	1M	1M	0.00	9.72	11.80	11.80	13.28	21.52	Inf	5.35	6.33	6.95	5.89
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	1M	1M	0.00	9.72	12.14	12.14	13.28	21.86	Inf	6.30	6.89	7.09	5.86
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	1M	1M	0.00	9.72	12.14	12.14	13.28	21.86	Inf	6.30	6.89	7.09	5.86
5.2G;VHT20;20;1,(M0);4;5180;L;TN,VN	Pass	1M	1M	0.00	9.72	9.38	9.38	13.28	19.10	Inf	3.62	4.48	3.85	3.27
5.2G;VHT20;20;1,(M0);4;5200;M;TN,VN	Pass	1M	1M	0.00	9.72	12.85	12.85	13.28	22.57	Inf	5.87	7.68	7.98	7.05
5.2G;VHT20;20;1,(M0);4;5240;H;TN,VN	Pass	1M	1M	0.00	9.72	13.04	13.04	13.28	22.76	Inf	6.03	8.10	8.29	7.17
5.2G;VHT40;40;1,(M0);4;5190;L;TN,VN	Pass	1M	1M	0.00	9.72	5.12	5.12	13.28	14.84	Inf	-1.11	-0.13	-0.75	-1.25
5.2G;VHT40;40;1,(M0);4;5230;H;TN,VN	Pass	1M	1M	0.00	9.72	10.68	10.68	13.28	20.40	Inf	3.32	5.38	5.60	4.46
5.2G;VHT80;80;1,(M0);4;5210;S;TN,VN	Pass	1M	1M	0.00	9.72	2.27	2.27	13.28	11.99	Inf	-3.85	-3.09	-3.72	-4.33
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	500k	500k	0.00	9.72	9.78	9.78	26.28	19.50	32.28	3.29	5.10	4.07	4.02
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	500k	500k	0.00	9.72	9.63	9.63	26.28	19.35	32.28	3.55	4.98	3.87	3.97
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	500k	500k	0.00	9.72	9.57	9.57	26.28	19.29	32.28	3.32	5.00	4.30	3.76
5.8G;VHT20;20;1,(M0);4;5745;L;TN,VN	Pass	500k	500k	0.00	9.72	9.74	9.74	26.28	19.46	32.28	3.16	4.90	4.13	4.21
5.8G;VHT20;20;1,(M0);4;5785;M;TN,VN	Pass	500k	500k	0.00	9.72	9.82	9.82	26.28	19.54	32.28	3.21	5.33	4.35	4.21
5.8G;VHT20;20;1,(M0);4;5825;H;TN,VN	Pass	500k	500k	0.00	9.72	9.51	9.51	26.28	19.23	32.28	3.05	5.02	4.19	3.87
5.8G;VHT40;40;1,(M0);4;5755;L;TN,VN	Pass	500k	500k	0.00	9.72	7.31	7.31	26.28	17.03	32.28	0.37	2.34	1.37	1.30
5.8G;VHT40;40;1,(M0);4;5795;H;TN,VN	Pass	500k	500k	0.00	9.72	7.25	7.25	26.28	16.97	32.28	0.49	2.58	1.42	1.20
5.8G;VHT80;80;1,(M0);4;5775;S;TN,VN	Pass	500k	500k	0.00	9.72	3.39	3.39	26.28	13.11	32.28	-2.42	-1.85	-2.30	-3.29

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5180MHz;TN,VN



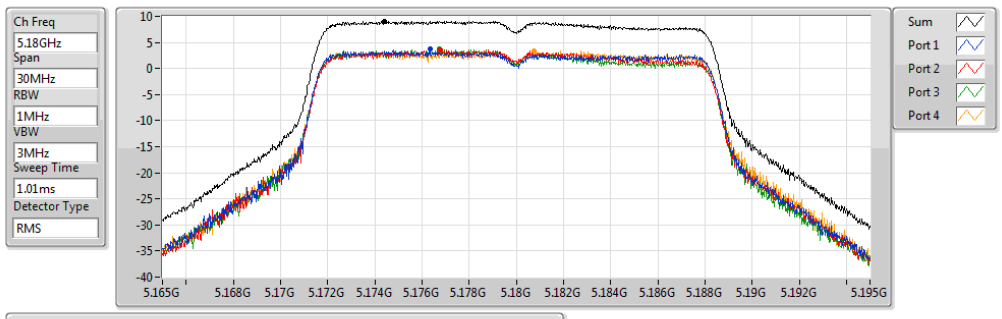
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.03	9.03	3.73	3.57	3.70	3.41

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5180MHz;TN,VN



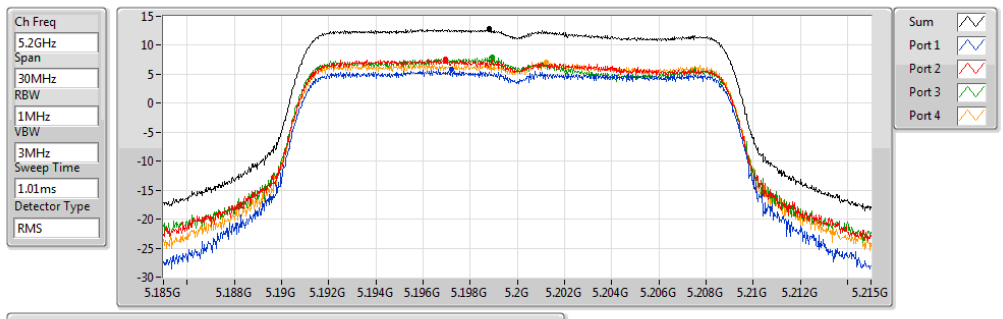
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	3.62	4.48	3.85	3.27

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5180MHz;TN,VN



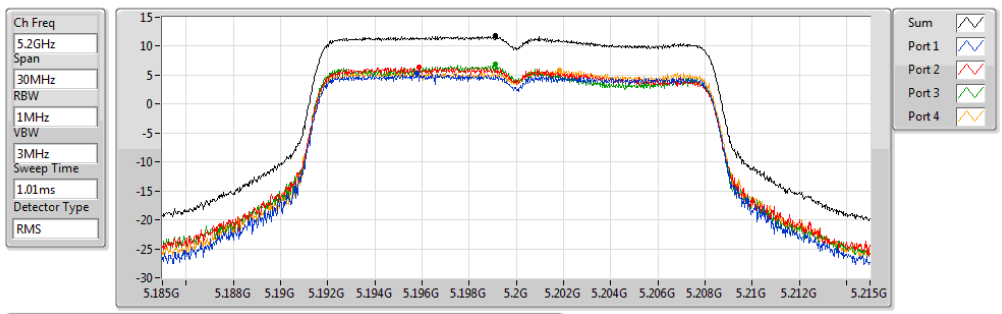
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.03	9.03	3.73	3.57	3.70	3.41

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5200MHz;TN,VN



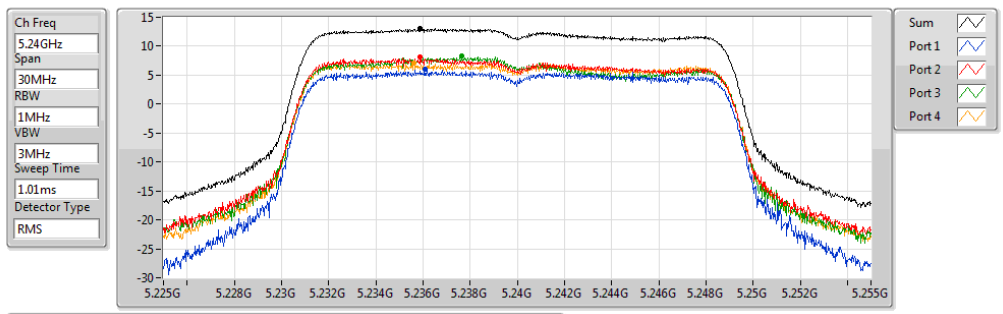
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.85	12.85	5.87	7.68	7.98	7.05

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5200MHz;TN,VN



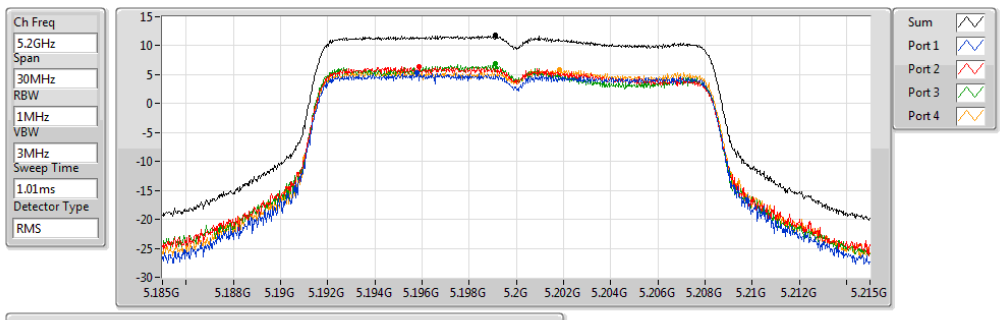
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.80	11.80	5.35	6.33	6.95	5.89

PSD;Band:5.2G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5240MHz;TN,VN



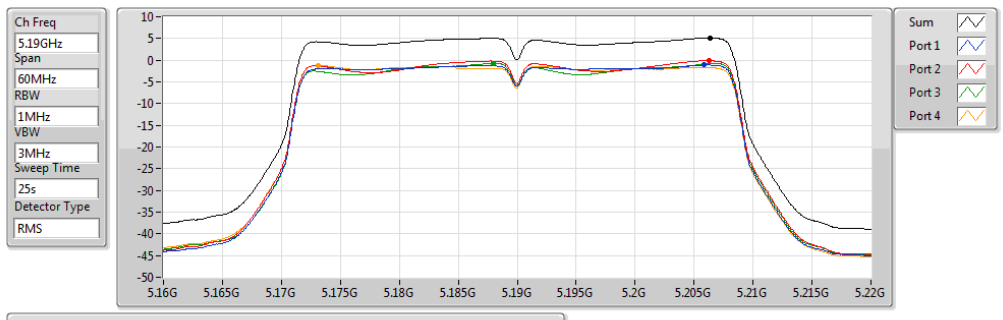
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.04	13.04	6.03	8.10	8.29	7.17

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5200MHz;TN,VN



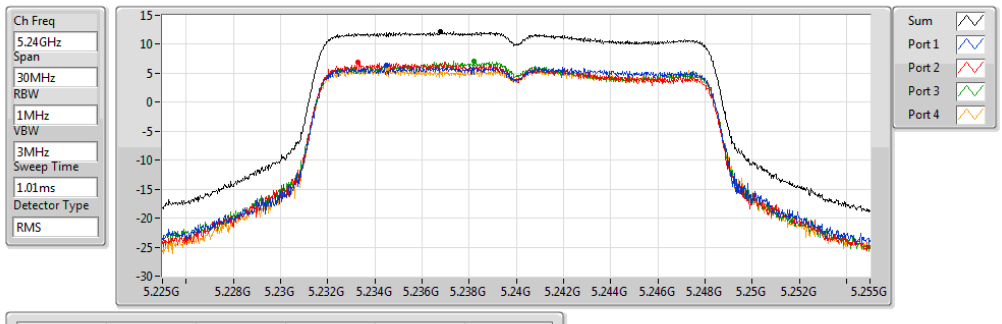
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.80	11.80	5.35	6.33	6.95	5.89

PSD;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5190MHz;TN,VN



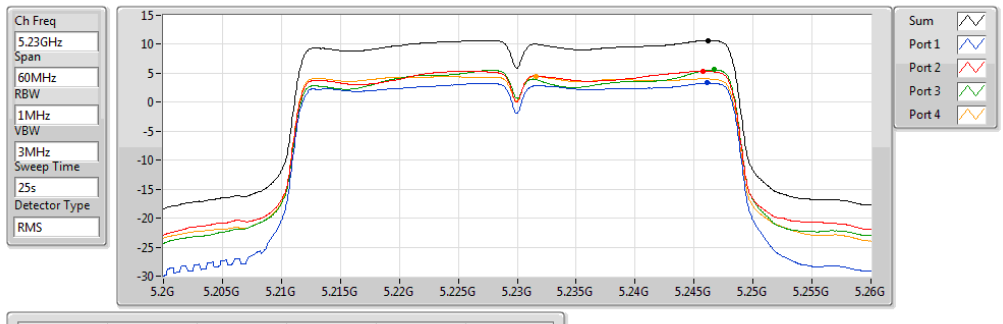
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	-1.11	-0.13	-0.75	-1.25

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5240MHz;TN,VN



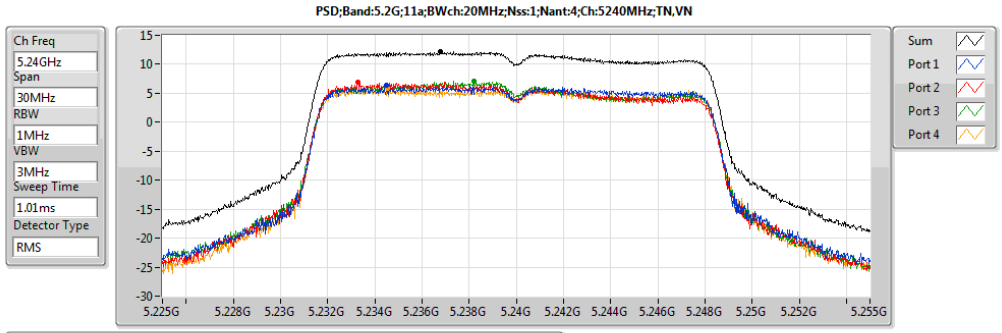
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	6.30	6.89	7.09	5.86

PSD;Band:5.2G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5230MHz;TN,VN



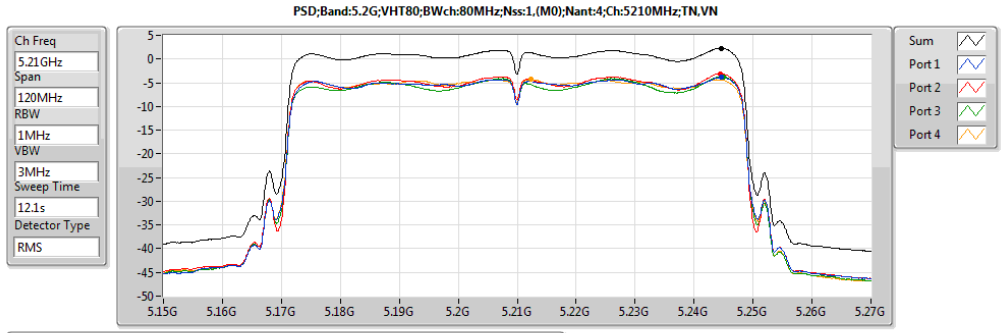
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	3.32	5.38	5.60	4.46

PSD;Band:5.2G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5240MHz;TN,VN



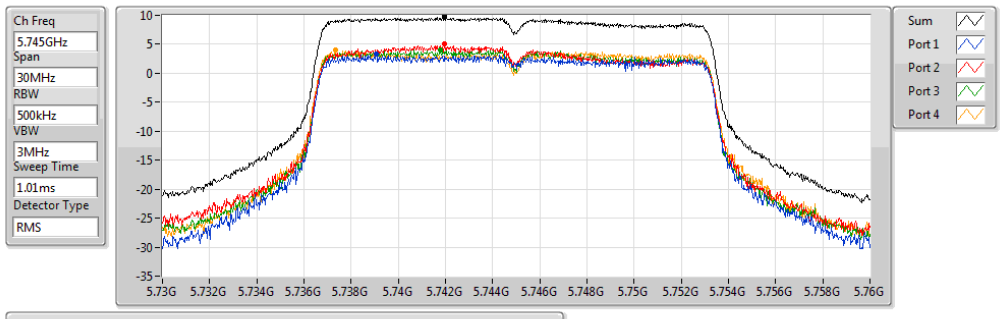
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	6.30	6.89	7.09	5.86

PSD;Band:5.2G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5210MHz;TN,VN



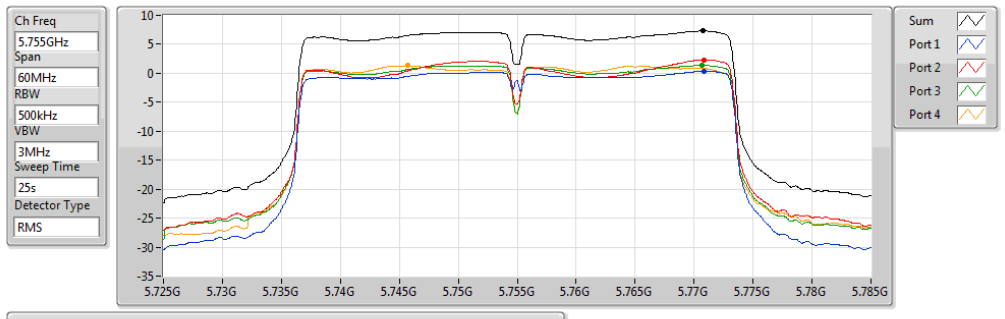
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-3.85	-3.09	-3.72	-4.33

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5745MHz;TN,VN



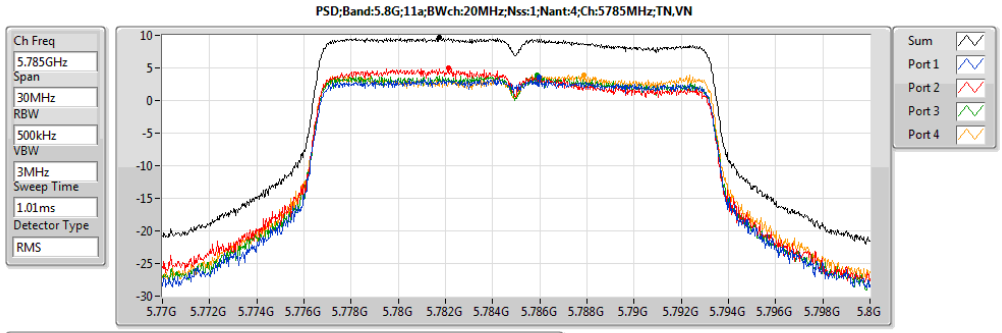
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	3.29	5.10	4.07	4.02

PSD;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5755MHz;TN,VN



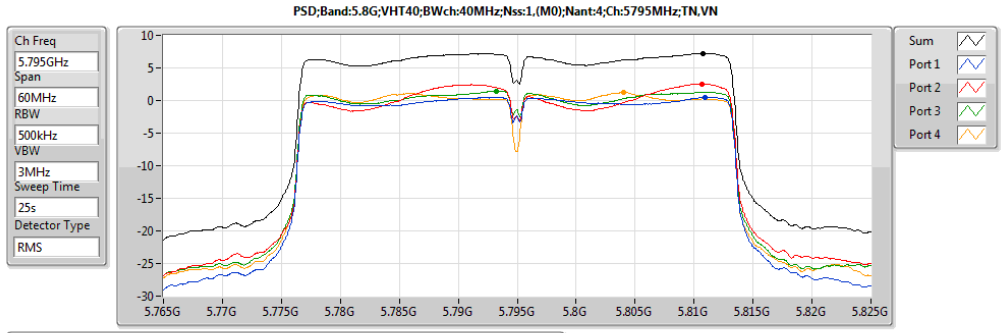
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	0.37	2.34	1.37	1.30

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5785MHz;TN,VN



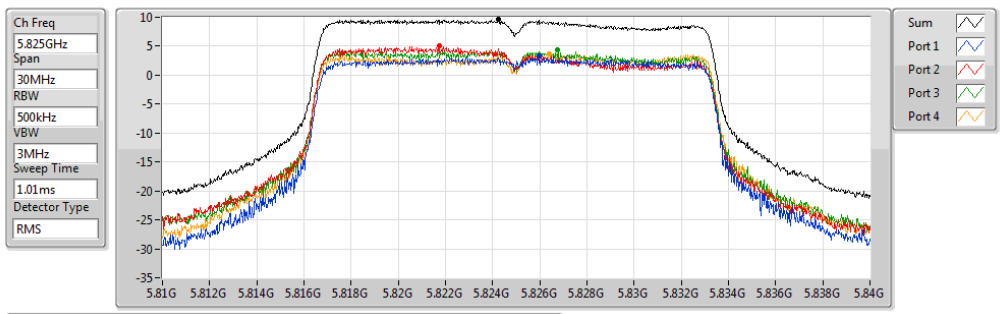
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	3.55	4.98	3.87	3.97

PSD;Band:5.8G;VHT40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5795MHz;TN,VN



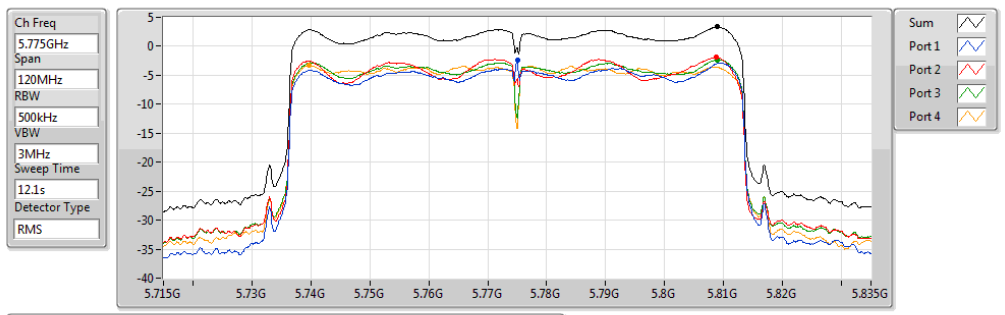
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	0.49	2.58	1.42	1.20

PSD;Band:5.8G;11a;BWch:20MHz;Nss:1;Nant:4;Ch:5825MHz;TN,VN



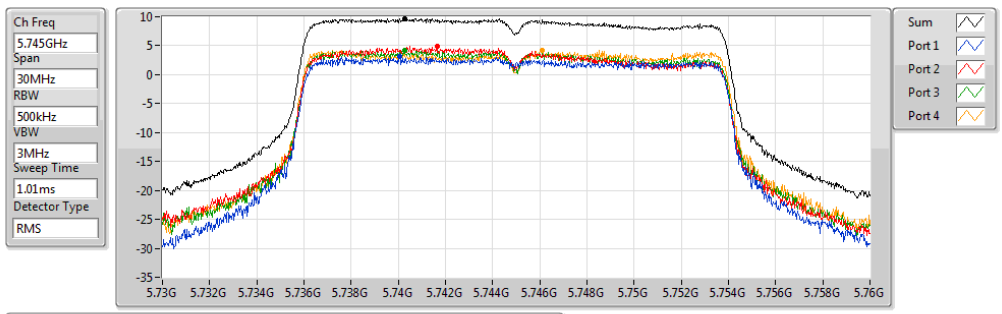
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.57	9.57	3.32	5.00	4.30	3.76

PSD;Band:5.8G;VHT80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5775MHz;TN,VN



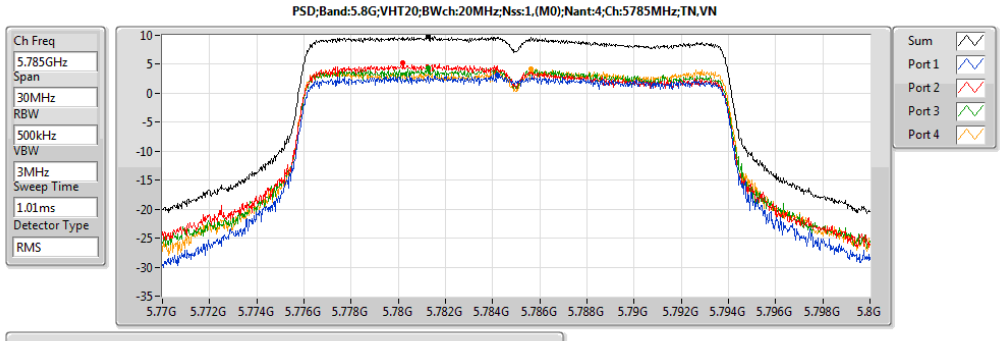
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	-2.42	-1.85	-2.30	-3.29

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5745MHz;TN,VN



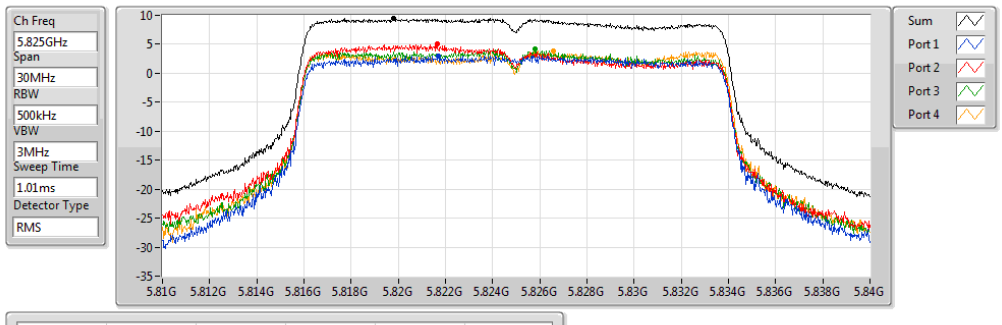
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.74	9.74	3.16	4.90	4.13	4.21

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5785MHz;TN,VN



Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	3.21	5.33	4.35	4.21

PSD;Band:5.8G;VHT20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5825MHz;TN,VN



Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.51	9.51	3.05	5.02	4.19	3.87

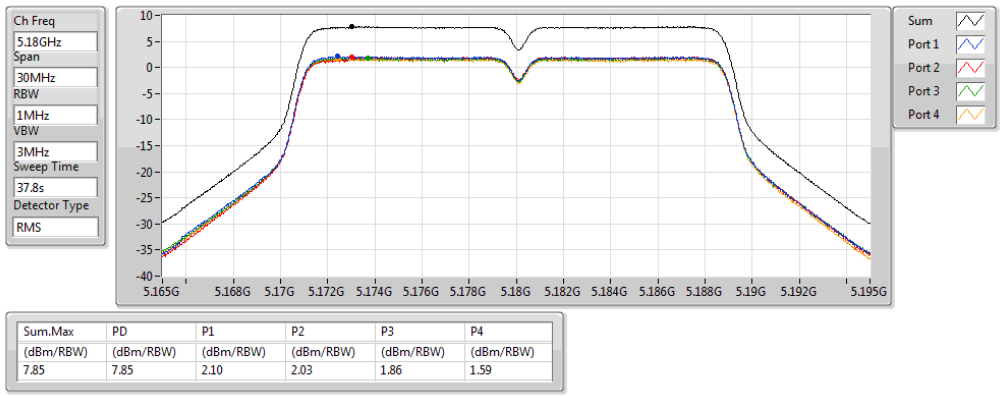
Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;VHT20,BF;20;1,(M0);4	8.20	17.92
5.2G;VHT40,BF;40;1,(M0);4	5.23	14.95
5.2G;VHT80,BF;80;1,(M0);4	0.01	9.73
5.8G;VHT20,BF;20;1,(M0);4	5.09	14.81
5.8G;VHT40,BF;40;1,(M0);4	2.57	12.29
5.8G;VHT80,BF;80;1,(M0);4	0.11	9.83

Result

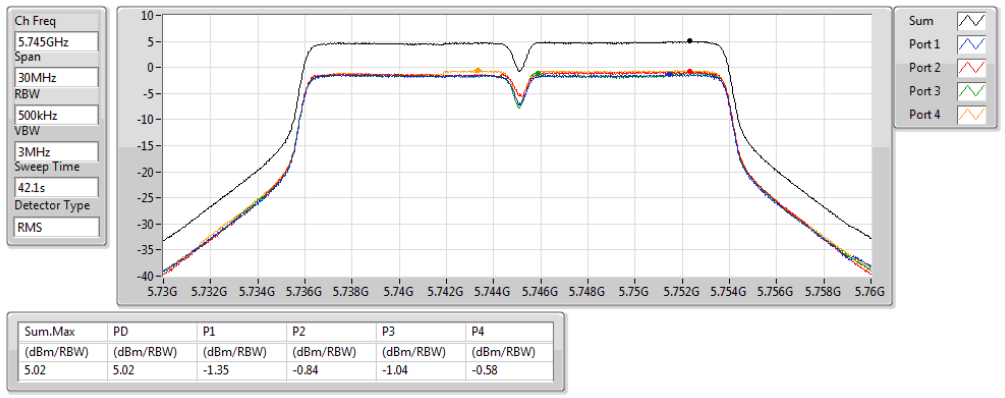
Mode	Result	DG (dBi)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Lim (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;VHT20,BF;20;1,(M0);4;5180;L;TN,VN	Pass	9.72	7.85	13.28	17.57	Inf	2.10	2.03	1.86	1.59
5.2G;VHT20,BF;20;1,(M0);4;5200;M;TN,VN	Pass	9.72	8.09	13.28	17.81	Inf	1.99	2.42	2.65	1.48
5.2G;VHT20,BF;20;1,(M0);4;5240;H;TN,VN	Pass	9.72	8.20	13.28	17.92	Inf	1.76	2.76	2.71	1.70
5.2G;VHT40,BF;40;1,(M0);4;5190;L;TN,VN	Pass	9.72	3.23	13.28	12.95	Inf	-2.87	-2.17	-2.44	-2.96
5.2G;VHT40,BF;40;1,(M0);4;5230;H;TN,VN	Pass	9.72	5.23	13.28	14.95	Inf	-0.47	-0.01	-0.83	-0.81
5.2G;VHT80,BF;80;1,(M0);4;5210;S;TN,VN	Pass	9.72	0.01	13.28	9.73	Inf	-5.89	-5.21	-5.80	-6.05
5.8G;VHT20,BF;20;1,(M0);4;5745;L;TN,VN	Pass	9.72	5.02	26.28	14.74	Inf	-1.35	-0.84	-1.04	-0.58
5.8G;VHT20,BF;20;1,(M0);4;5785;M;TN,VN	Pass	9.72	5.05	26.28	14.77	Inf	-1.51	-1.06	-0.13	-1.11
5.8G;VHT20,BF;20;1,(M0);4;5825;H;TN,VN	Pass	9.72	5.09	26.28	14.81	Inf	-1.13	-0.76	-0.35	-1.12
5.8G;VHT40,BF;40;1,(M0);4;5755;L;TN,VN	Pass	9.72	2.51	26.28	12.23	Inf	-3.79	-3.67	-2.64	-3.34
5.8G;VHT40,BF;40;1,(M0);4;5795;H;TN,VN	Pass	9.72	2.57	26.28	12.29	Inf	-3.68	-3.44	-2.44	-3.65
5.8G;VHT80,BF;80;1,(M0);4;5775;S;TN,VN	Pass	9.72	0.11	26.28	9.83	Inf	-6.25	-4.77	-5.30	-6.34

PSD;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5180MHz;TN,VN



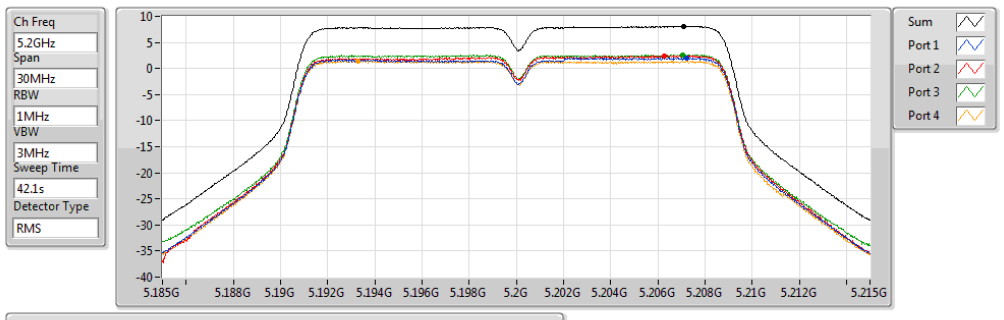
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	2.10	2.03	1.86	1.59

PSD;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5745MHz;TN,VN



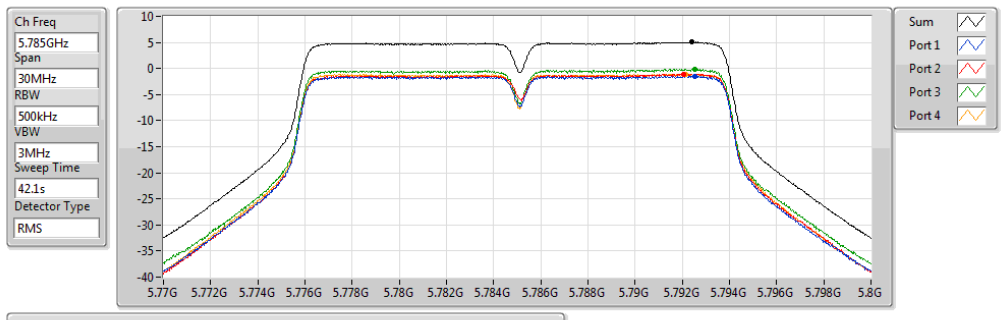
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-1.35	-0.84	-1.04	-0.58

PSD;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5200MHz;TN,VN



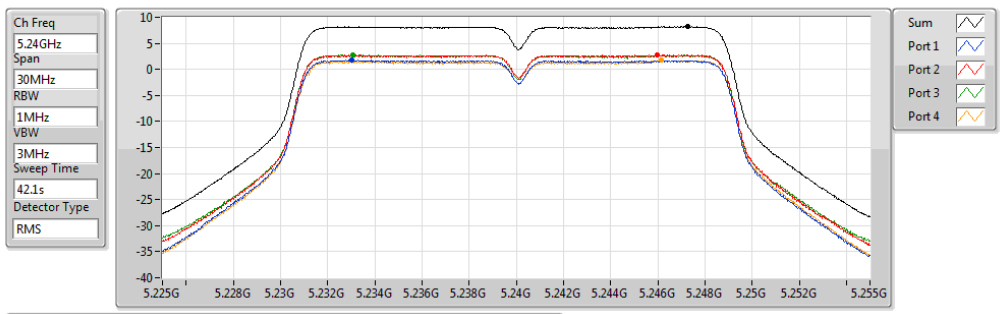
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	1.99	2.42	2.65	1.48

PSD;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5785MHz;TN,VN



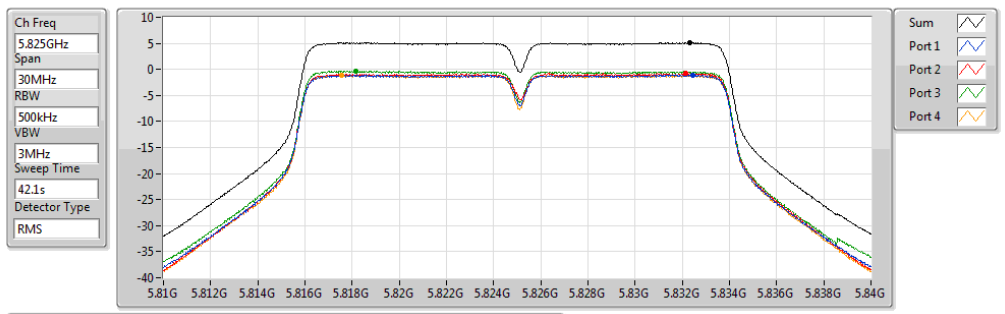
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	-1.51	-1.06	-0.13	-1.11

PSD;Band:5.2G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5240MHz;TN,VN



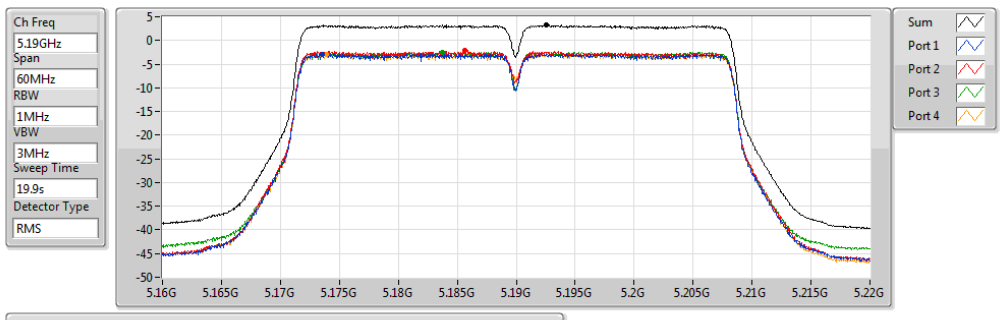
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	1.76	2.76	2.71	1.70

PSD;Band:5.8G;VHT20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5825MHz;TN,VN



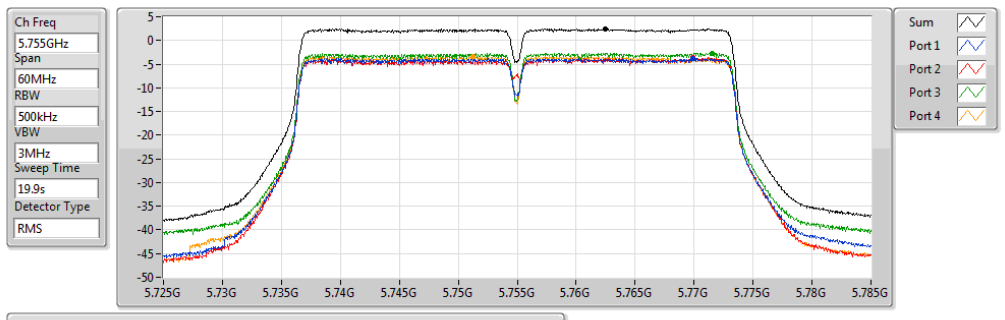
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-1.13	-0.76	-0.35	-1.12

PSD;Band:5.2G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5190MHz;TN,VN



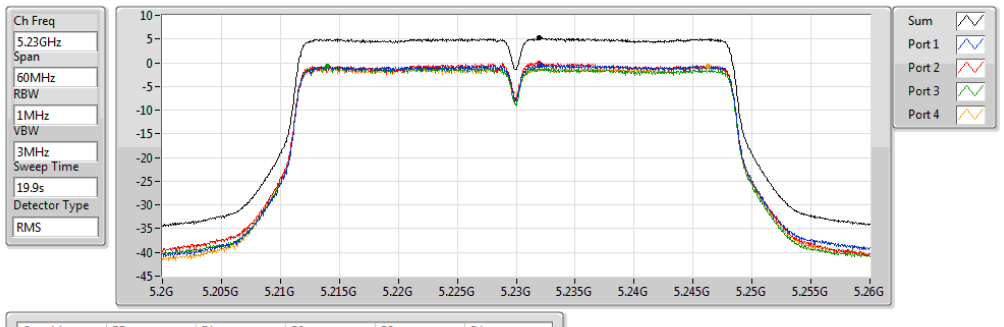
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	-2.87	-2.17	-2.44	-2.96

PSD;Band:5.8G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5755MHz;TN,VN



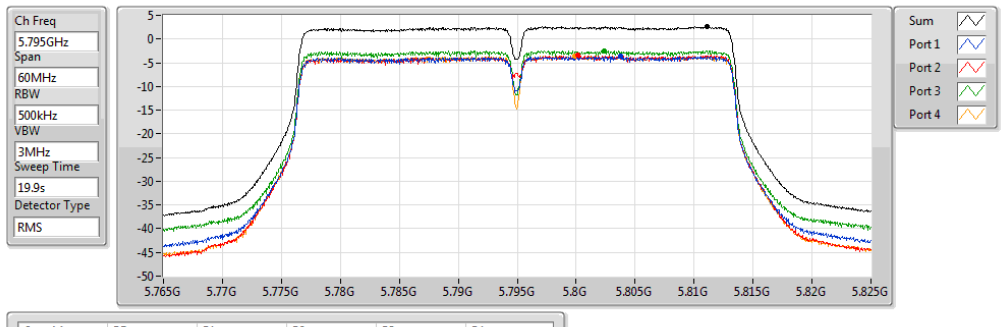
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	-3.79	-3.67	-2.64	-3.34

PSD;Band:5.2G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5230MHz;TN,VN



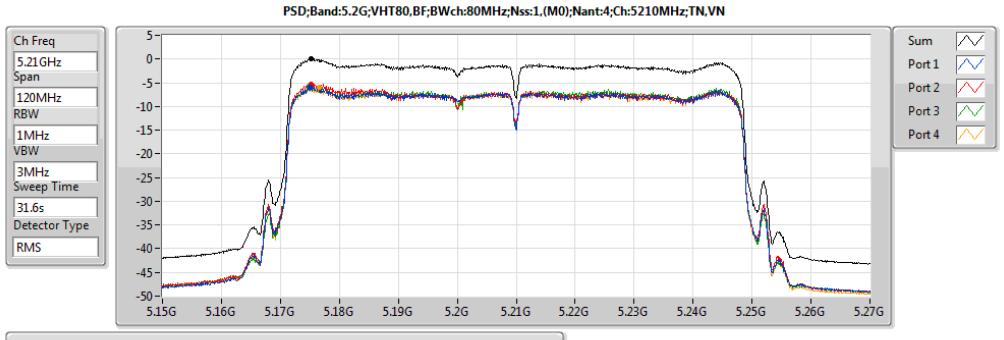
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	-0.47	-0.01	-0.83	-0.81

PSD;Band:5.8G;VHT40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5795MHz;TN,VN



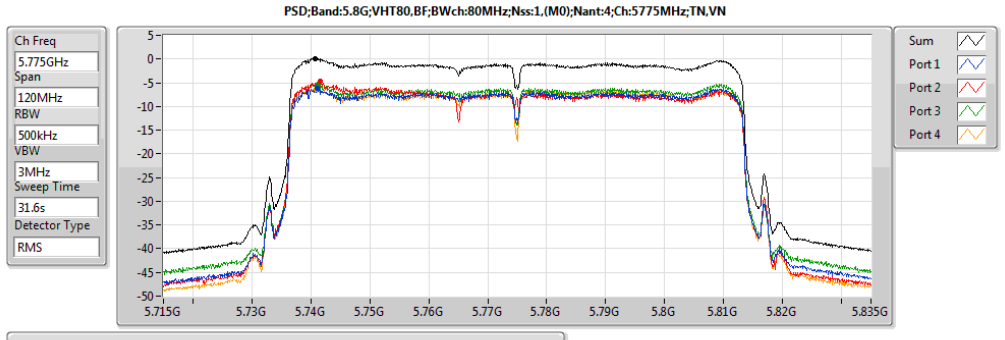
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.68	-3.44	-2.44	-3.65

PSD;Band:5.2G;VHT80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5210MHz;TN,VN



Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.01	0.01	-5.89	-5.21	-5.80	-6.05

PSD;Band:5.8G;VHT80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5775MHz;TN,VN



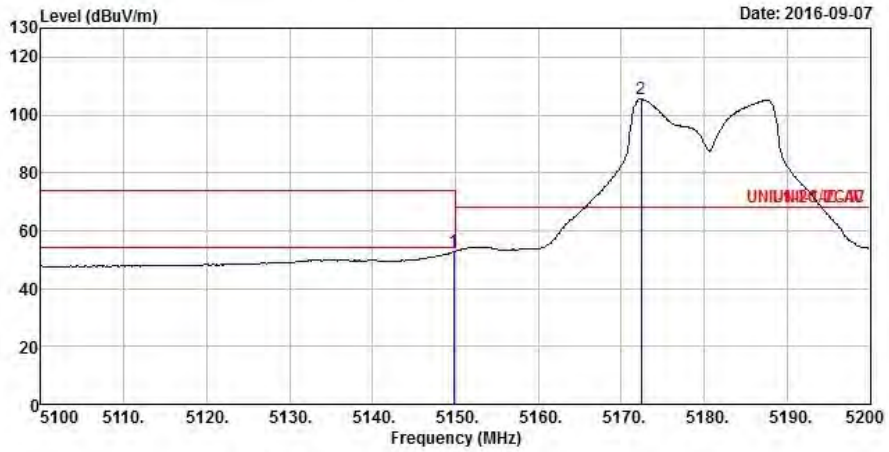
Sum.Max	PD	P1	P2	P3	P4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-6.25	-4.77	-5.30	-6.34

Transmitter Radiated Bandedge Emissions (with Antenna)

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	4	5180	3	5149.900	65.85	74	5149.800	53.00	54	H
11a	4	5240	3	5140.800	60.20	74	5400.000	49.95	54	H
VHT20	4	5180	3	5149.000	65.75	74	5150.000	51.62	54	H
VHT20	4	5240	3	5399.393	60.37	74	5399.993	49.60	54	H
VHT40	4	5190	3	5143.560	64.21	74	5146.640	52.96	54	H
VHT40	4	5230	3	5148.000	63.16	74	5149.800	52.11	54	H
VHT80	4	5210	3	5147.400	72.07	74	5147.400	52.68	54	H
Note 1: Measurement worst emissions of receive antenna polarization.										

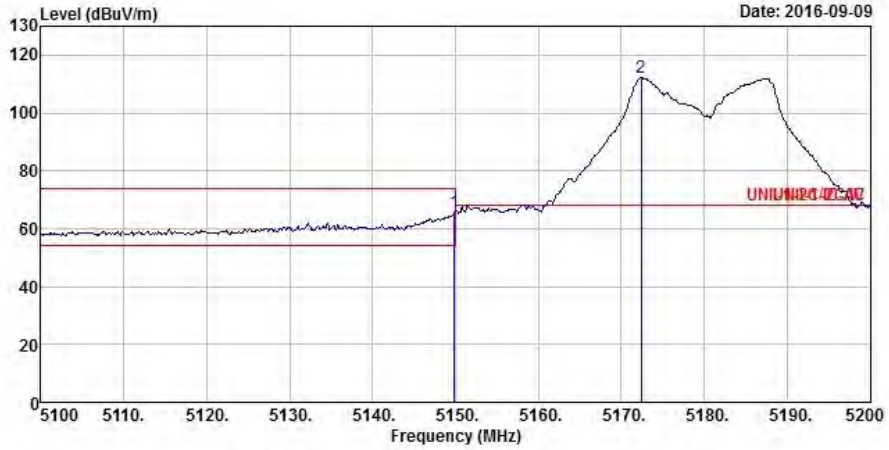
U-NII 5725-5850MHz Transmitter Radiated Bandedge (with Antenna)							
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Measure Distance (m)**	**Freq. (MHz) PK**	**Level (dBuV/m) PK**	**Limit (dBuV/m) PK**	**Pol.**
11a	4	5745	3	5626.820	61.15	68.2	H
11a	4	5825	3	5942.170	60.93	68.2	H
VHT20	4	5745	3	5644.500	60.02	68.2	H
VHT20	4	5825	3	5937.040	60.26	68.2	H
VHT40	4	5755	3	5635.540	60.95	68.2	H
VHT40	4	5795	3	5938.120	61.10	68.2	H
VHT80	4	5775	3	5649.050	64.61	68.2	H
Note 1: Measurement worst emissions of receive antenna polarization.							

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Average



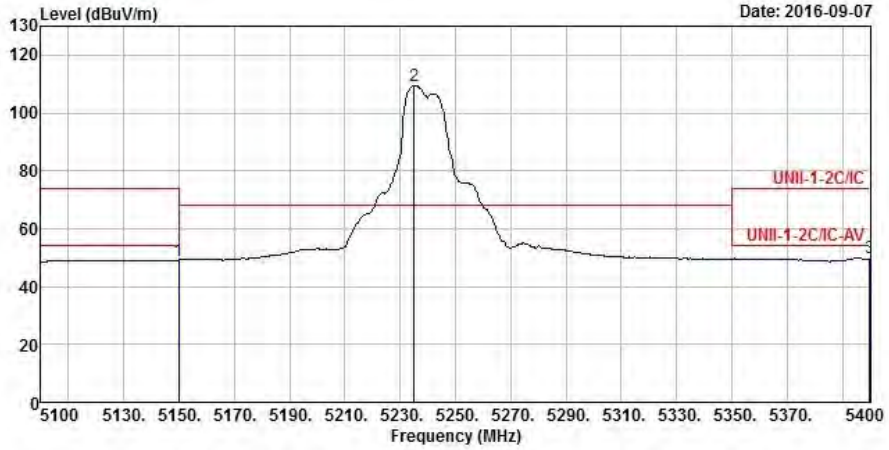
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.800	53.00	-1.00	54.00	50.30	31.55	6.30	35.15	Average
2	5172.400	105.49			102.75	31.57	6.32	35.15	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Peak



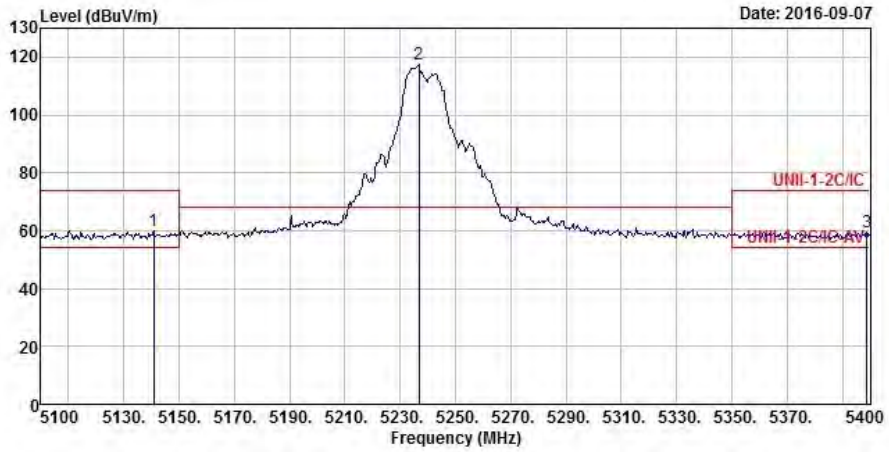
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.900	65.85	-8.15	74.00	63.15	31.55	6.30	35.15	Peak
2	5172.400	112.08			109.34	31.57	6.32	35.15	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Average



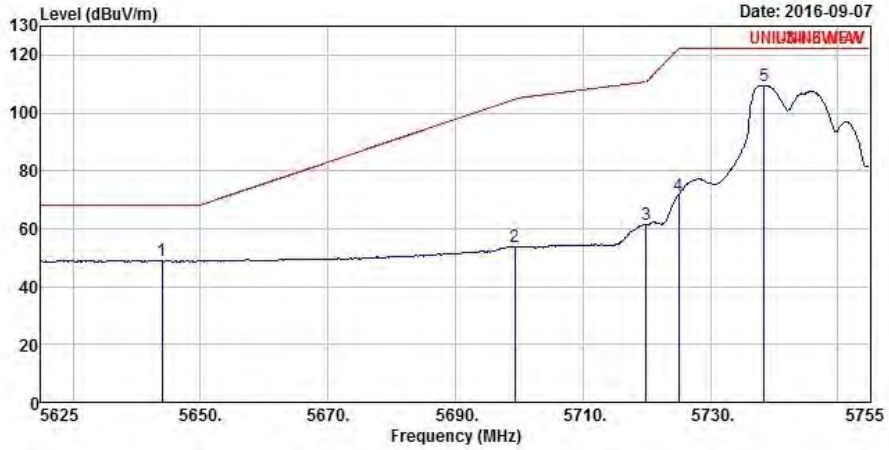
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.800	49.17	-4.83	54.00	46.47	31.55	6.30	35.15	Average
2	5235.000	109.36			106.49	31.64	6.38	35.15	Average
3	5400.000	49.95	-4.05	54.00	46.82	31.80	6.49	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Peak



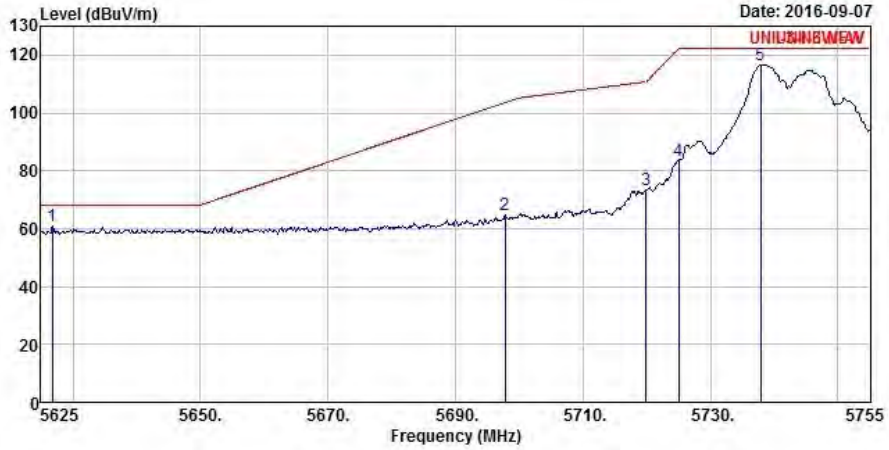
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5140.800	60.20	-13.80	74.00	57.51	31.54	6.30	35.15	Peak
2	5236.800	117.41			114.54	31.64	6.38	35.15	Peak
3	5398.800	59.56	-14.44	74.00	56.43	31.80	6.49	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Average



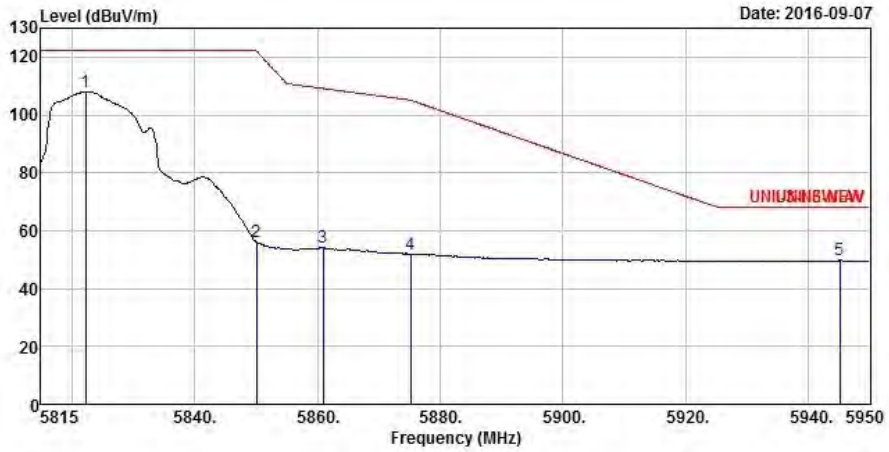
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5643.980	48.91	-19.29	68.20	45.39	32.07	6.61	35.16	Average
2	5699.360	53.78	-50.95	104.73	50.17	32.14	6.63	35.16	Average
3	5719.900	61.26	-49.51	110.77	57.62	32.16	6.64	35.16	Average
4	5724.970	71.62	-50.51	122.13	67.97	32.17	6.64	35.16	Average
5	5738.360	109.61			105.94	32.19	6.64	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Peak



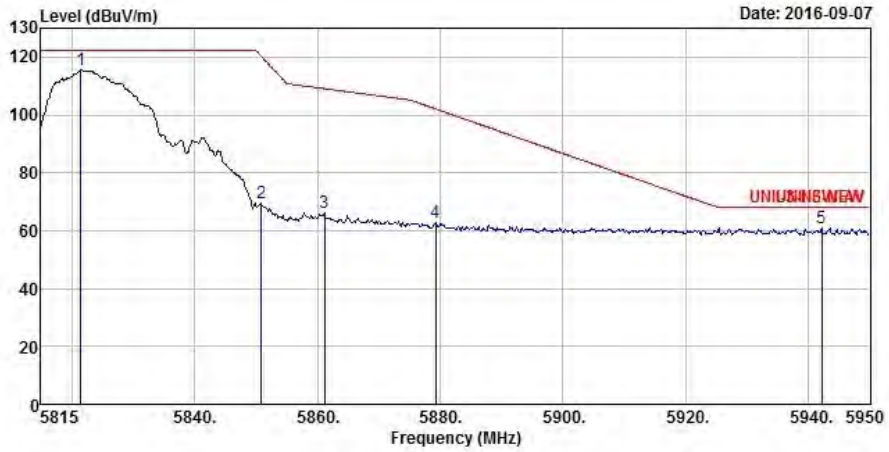
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5626.820	61.15	-7.05	68.20	57.65	32.05	6.61	35.16	Peak
2	5697.800	64.70	-38.88	103.58	61.09	32.14	6.63	35.16	Peak
3	5719.900	73.32	-37.45	110.77	69.68	32.16	6.64	35.16	Peak
4	5724.970	83.68	-38.45	122.13	80.03	32.17	6.64	35.16	Peak
5	5737.840	116.62			112.95	32.19	6.64	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Average



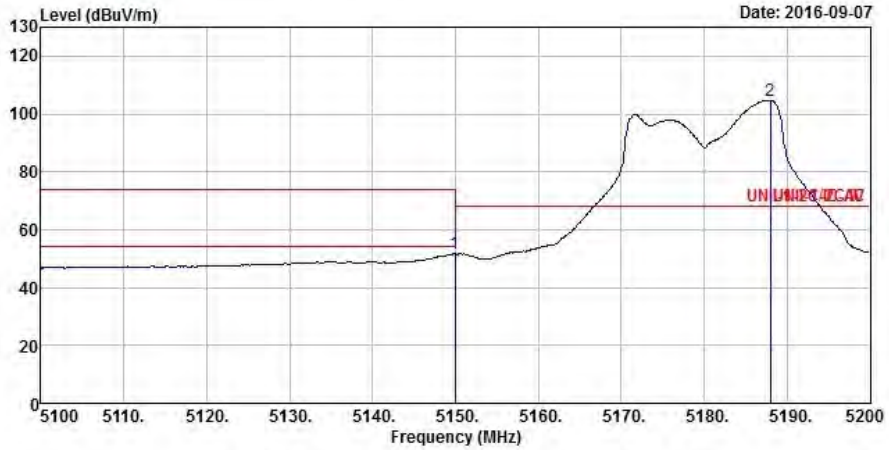
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5822.290	108.02			104.20	32.29	6.69	35.16	Average
2	5850.100	55.98	-65.99	121.97	52.13	32.32	6.69	35.16	Average
3	5860.900	54.08	-55.07	109.15	50.21	32.33	6.70	35.16	Average
4	5875.210	52.02	-53.02	105.04	48.13	32.35	6.70	35.16	Average
5	5945.140	49.66	-18.54	68.20	45.66	32.43	6.73	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Peak



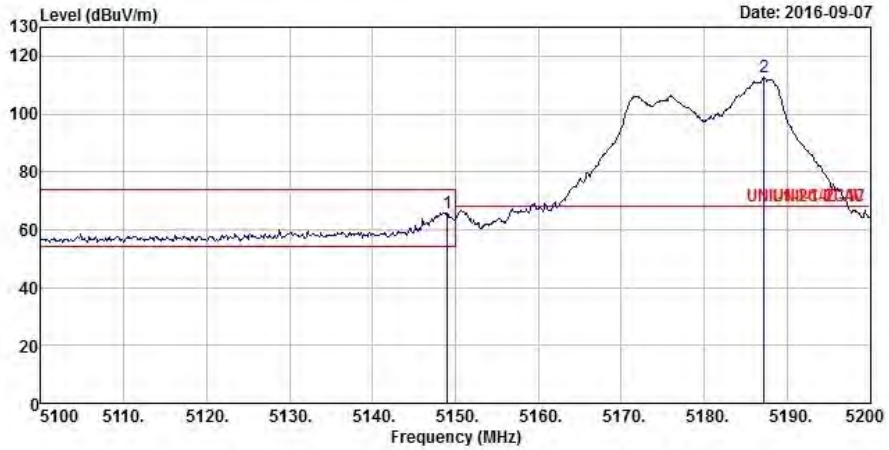
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5821.480	115.75			111.93	32.29	6.69	35.16	Peak
2	5850.910	69.47	-50.65	120.12	65.62	32.32	6.69	35.16	Peak
3	5861.170	66.22	-42.85	109.07	62.35	32.33	6.70	35.16	Peak
4	5879.260	62.82	-39.22	102.04	58.92	32.36	6.70	35.16	Peak
5	5942.170	60.93	-7.27	68.20	56.93	32.43	6.73	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Average



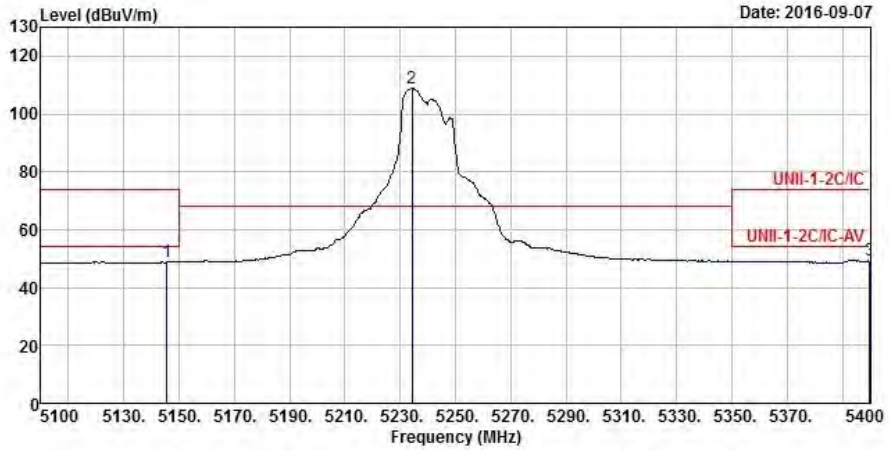
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5150.000	51.62	-2.38	54.00	48.92	31.55	6.30	35.15	Average
2	5188.000	104.81			102.05	31.59	6.32	35.15	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Peak



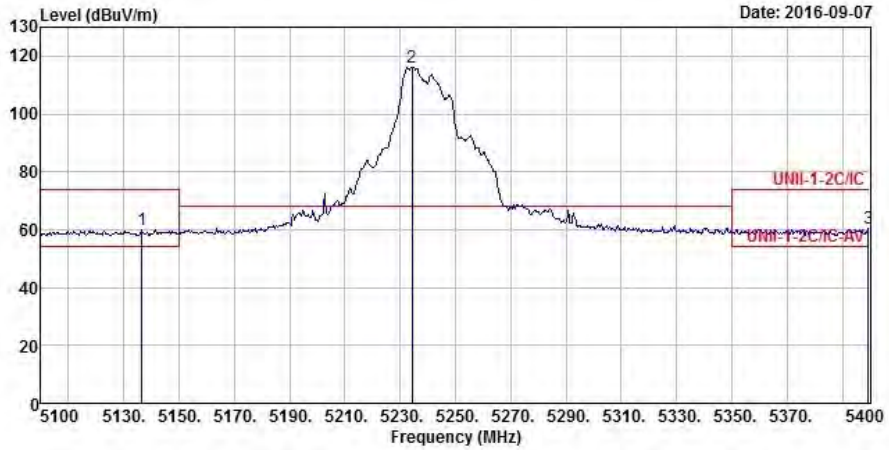
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.000	65.75	-8.25	74.00	63.05	31.55	6.30	35.15	Peak
2	5187.200	112.56			109.80	31.59	6.32	35.15	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Average



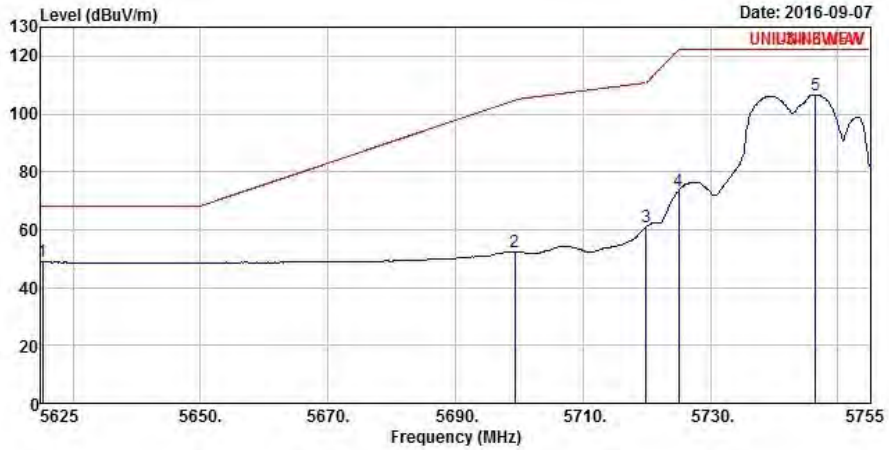
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5145.599	48.97	-5.03	54.00	46.27	31.55	6.30	35.15	Average
2	5234.396	108.70			105.84	31.63	6.38	35.15	Average
3	5399.993	49.60	-4.40	54.00	46.47	31.80	6.49	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Peak



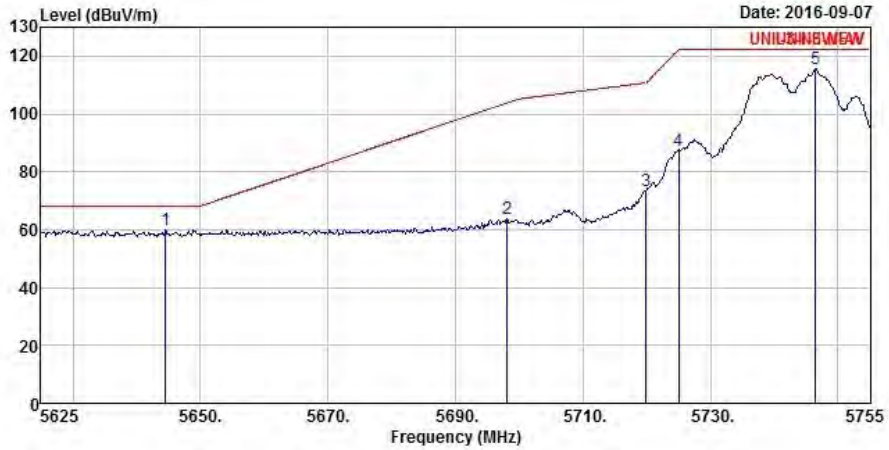
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5136.599	59.88	-14.12	74.00	57.19	31.54	6.30	35.15	Peak
2	5234.396	116.15			113.29	31.63	6.38	35.15	Peak
3	5399.393	60.37	-13.63	74.00	57.24	31.80	6.49	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Average



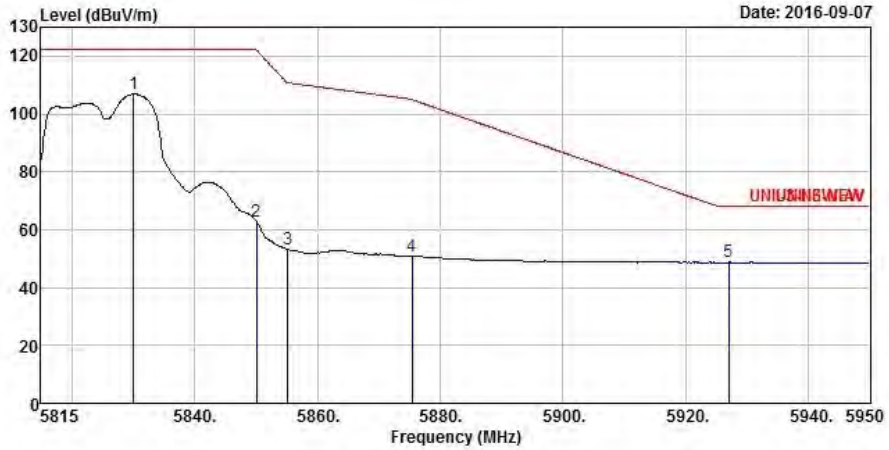
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5625.260	48.92	-19.28	68.20	45.42	32.05	6.61	35.16	Average
2	5699.360	52.43	-52.30	104.73	48.82	32.14	6.63	35.16	Average
3	5719.900	61.04	-49.73	110.77	57.40	32.16	6.64	35.16	Average
4	5724.970	73.48	-48.65	122.13	69.83	32.17	6.64	35.16	Average
5	5746.420	106.71			103.01	32.20	6.66	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Peak



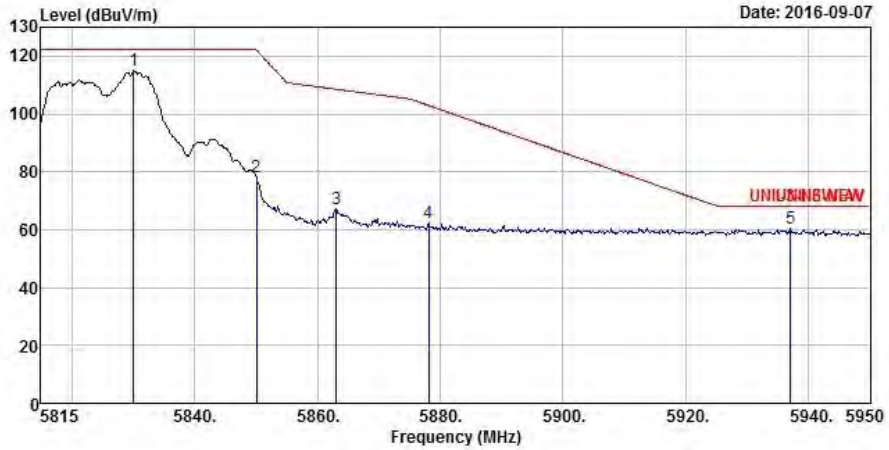
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5644.500	60.02	-8.18	68.20	56.50	32.07	6.61	35.16	Peak
2	5698.060	64.04	-39.73	103.77	60.43	32.14	6.63	35.16	Peak
3	5719.900	73.41	-37.36	110.77	69.77	32.16	6.64	35.16	Peak
4	5724.970	87.36	-34.77	122.13	83.71	32.17	6.64	35.16	Peak
5	5746.420	115.44			111.74	32.20	6.66	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Average



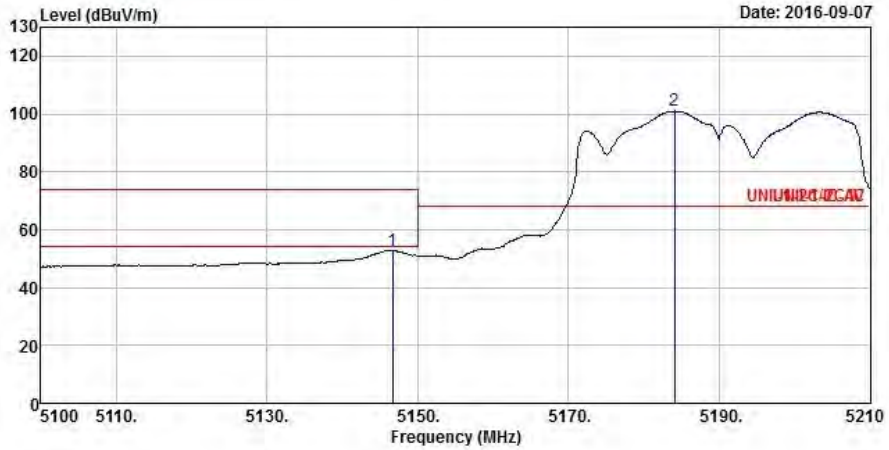
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5830.120	106.85			103.02	32.30	6.69	35.16	Average
2	5850.100	62.88	-59.09	121.97	59.03	32.32	6.69	35.16	Average
3	5855.230	53.15	-57.59	110.74	49.29	32.33	6.69	35.16	Average
4	5875.480	50.77	-54.07	104.84	46.88	32.35	6.70	35.16	Average
5	5927.050	48.83	-19.37	68.20	44.86	32.41	6.72	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Peak



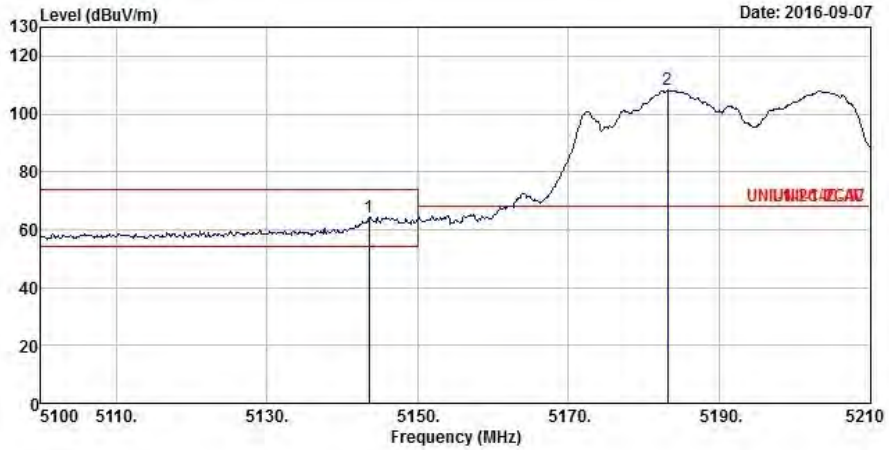
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5830.120	114.90			111.07	32.30	6.69	35.16	Peak
2	5850.100	78.14	-43.83	121.97	74.29	32.32	6.69	35.16	Peak
3	5863.060	67.28	-41.26	108.54	63.40	32.34	6.70	35.16	Peak
4	5878.180	62.43	-40.41	102.84	58.54	32.35	6.70	35.16	Peak
5	5937.040	60.26	-7.94	68.20	56.27	32.42	6.73	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Remark**	Average



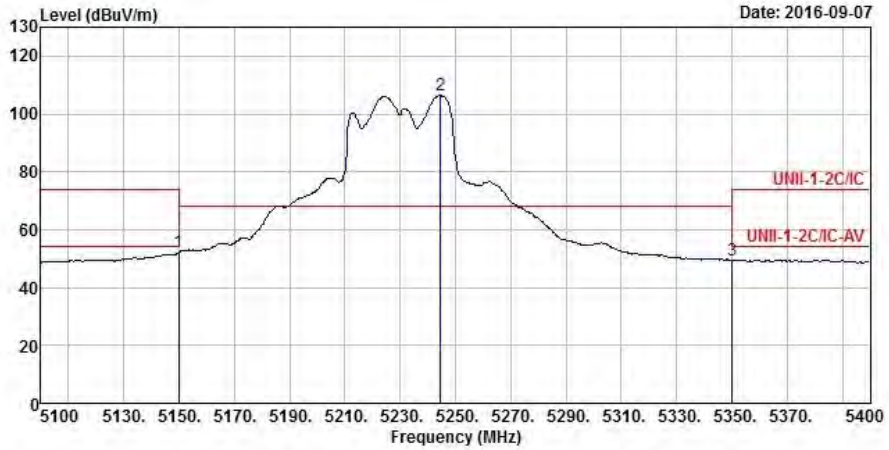
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5146.640	52.96	-1.04	54.00	50.26	31.55	6.30	35.15	Average
2	5184.040	100.98			98.23	31.58	6.32	35.15	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Remark**	Peak



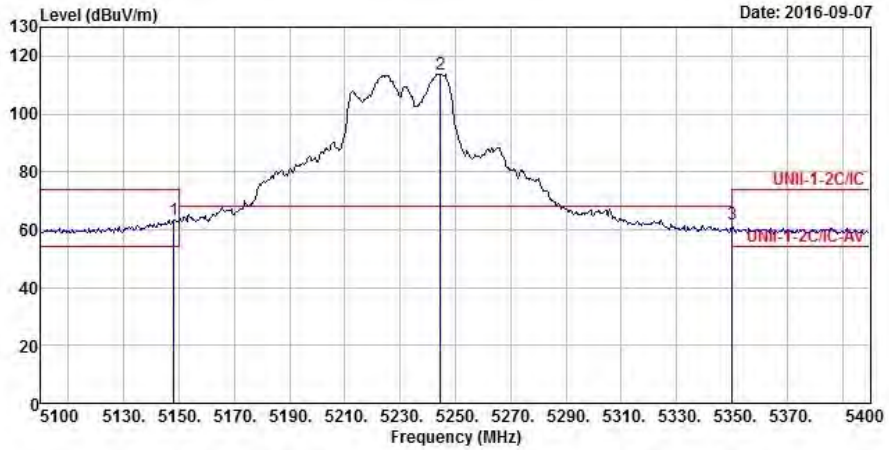
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5143.560	64.21	-9.79	74.00	61.52	31.54	6.30	35.15	Peak
2	5183.160	108.49			105.74	31.58	6.32	35.15	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Remark**	Average



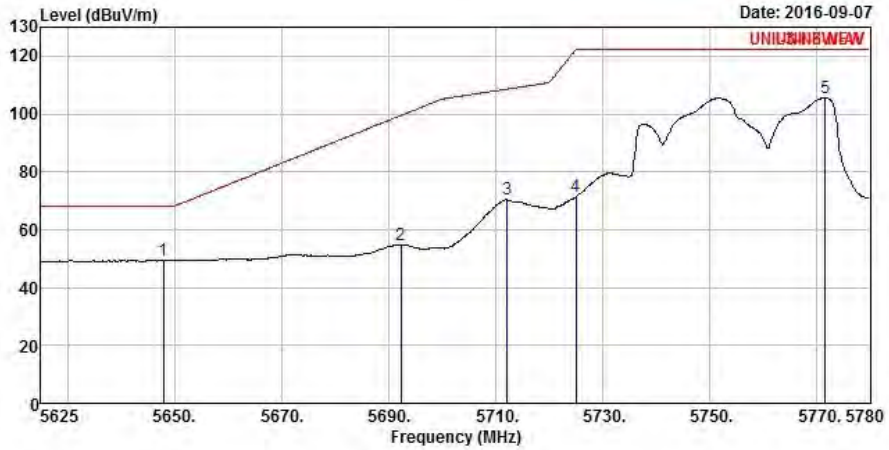
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.800	52.11	-1.89	54.00	49.41	31.55	6.30	35.15	Average
2	5244.600	106.45			103.58	31.64	6.38	35.15	Average
3	5350.200	49.53	-4.47	54.00	46.47	31.75	6.47	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Remark**	Peak



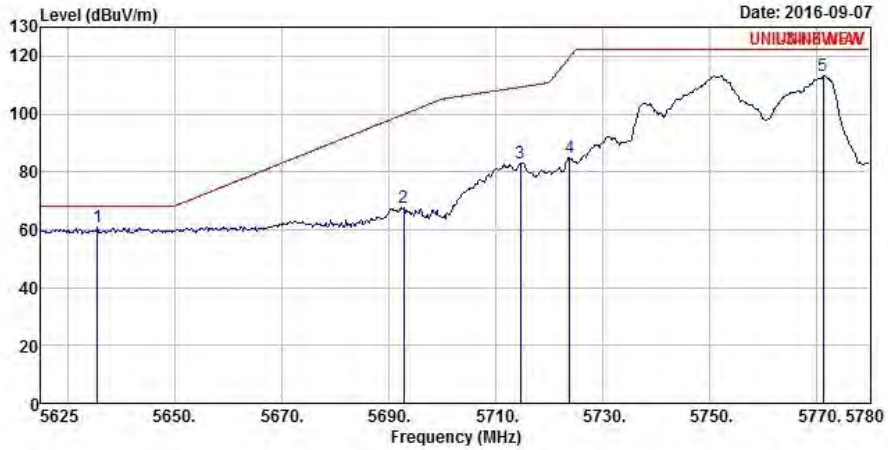
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5148.000	63.16	-10.84	74.00	60.46	31.55	6.30	35.15	Peak
2	5244.600	113.64			110.77	31.64	6.38	35.15	Peak
3	5350.200	61.72	-12.28	74.00	58.66	31.75	6.47	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Remark**	Average



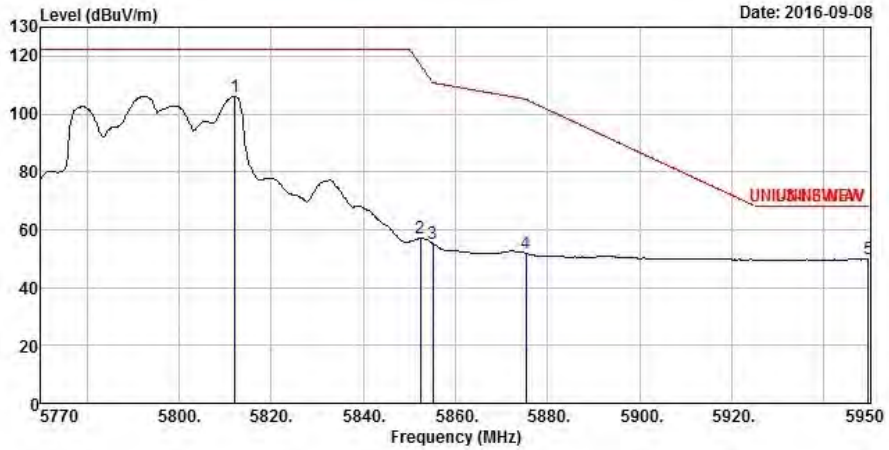
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5647.940	49.49	-18.71	68.20	45.96	32.08	6.61	35.16	Average
2	5692.270	54.82	-44.68	99.50	51.22	32.13	6.63	35.16	Average
3	5712.110	70.33	-38.26	108.59	66.70	32.15	6.64	35.16	Average
4	5724.975	71.27	-50.87	122.14	67.62	32.17	6.64	35.16	Average
5	5771.630	105.48			101.75	32.23	6.66	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Remark**	Peak



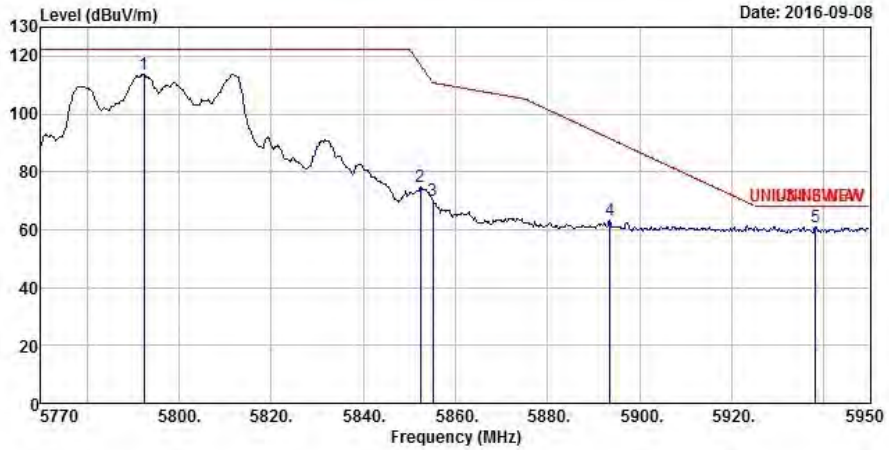
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5635.540	60.95	-7.25	68.20	57.44	32.06	6.61	35.16	Peak
2	5692.890	67.53	-32.43	99.96	63.93	32.13	6.63	35.16	Peak
3	5714.590	82.91	-26.38	109.29	79.27	32.16	6.64	35.16	Peak
4	5723.890	84.80	-34.87	119.67	81.15	32.17	6.64	35.16	Peak
5	5771.320	113.32			109.59	32.23	6.66	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Remark**	Average



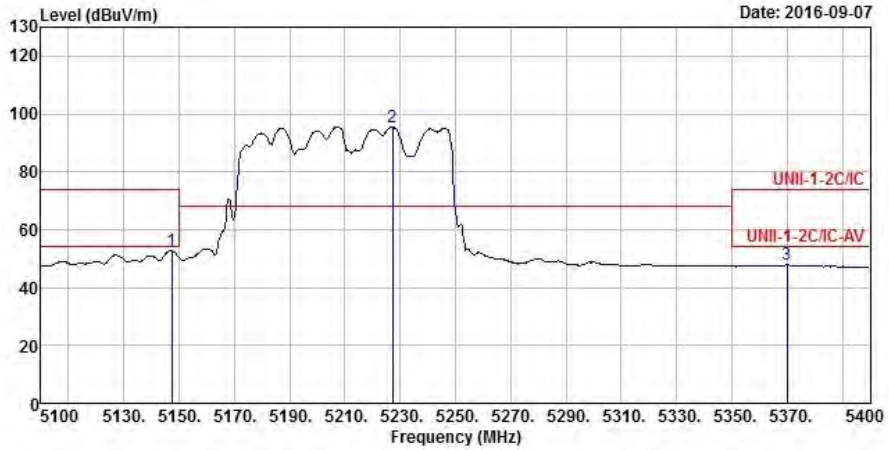
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5812.120	105.97			102.19	32.27	6.67	35.16	Average
2	5852.440	57.10	-59.54	116.64	53.25	32.32	6.69	35.16	Average
3	5855.140	55.10	-55.66	110.76	51.24	32.33	6.69	35.16	Average
4	5875.300	51.86	-53.12	104.98	47.97	32.35	6.70	35.16	Average
5	5949.640	49.78	-18.42	68.20	45.77	32.44	6.73	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Remark**	Peak



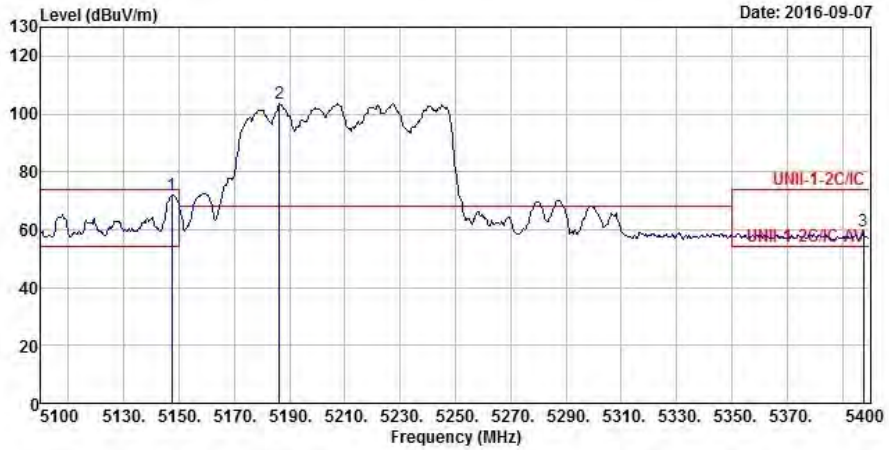
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5792.320	113.90			110.14	32.25	6.67	35.16	Peak
2	5852.440	74.89	-41.75	116.64	71.04	32.32	6.69	35.16	Peak
3	5855.140	69.99	-40.77	110.76	66.13	32.33	6.69	35.16	Peak
4	5893.480	63.53	-27.96	91.49	59.62	32.37	6.70	35.16	Peak
5	5938.120	61.10	-7.10	68.20	57.10	32.43	6.73	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Remark**	Average



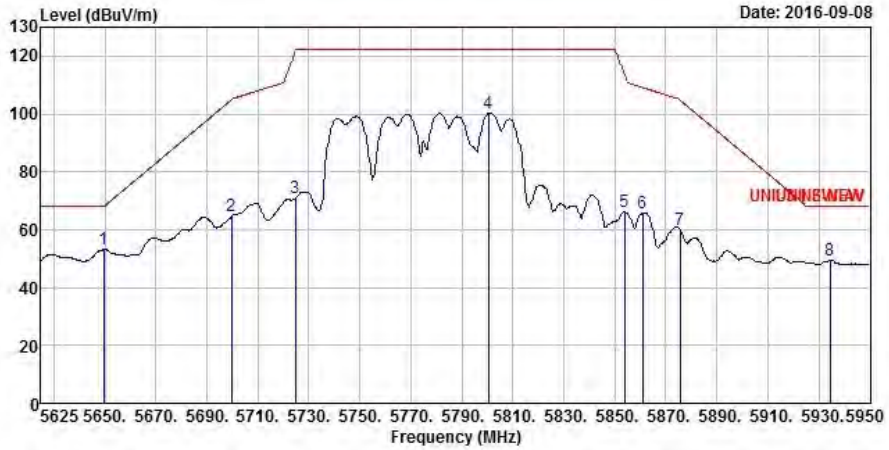
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5147.400	52.68	-1.32	54.00	49.98	31.55	6.30	35.15	Average
2	5227.200	95.54			92.71	31.63	6.35	35.15	Average
3	5370.000	48.02	-5.98	54.00	44.94	31.77	6.47	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Remark**	Peak



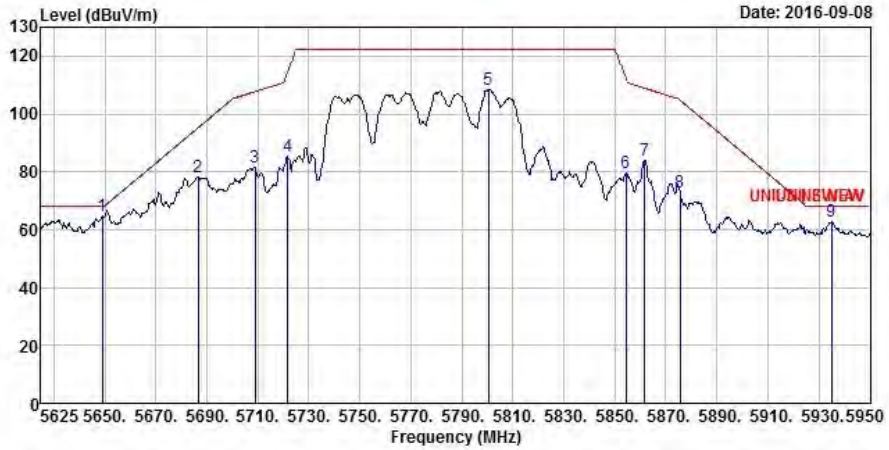
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5147.400	72.07	-1.93	74.00	69.37	31.55	6.30	35.15	Peak
2	5186.400	103.71			100.95	31.59	6.32	35.15	Peak
3	5397.600	59.44	-14.56	74.00	56.31	31.80	6.49	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Remark**	Average



	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	5649.700	53.08	-15.12	68.20	49.55	32.08	6.61	35.16	Average
2	5699.750	64.61	-40.41	105.02	60.99	32.14	6.64	35.16	Average
3	5724.775	70.86	-50.83	121.69	67.21	32.17	6.64	35.16	Average
4	5800.500	100.34			96.57	32.26	6.67	35.16	Average
5	5853.800	66.17	-47.37	113.54	62.32	32.32	6.69	35.16	Average
6	5860.950	65.95	-43.18	109.13	62.08	32.33	6.70	35.16	Average
7	5875.575	59.97	-44.80	104.77	56.08	32.35	6.70	35.16	Average
8	5934.400	49.43	-18.77	68.20	45.44	32.42	6.73	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Remark**	Peak



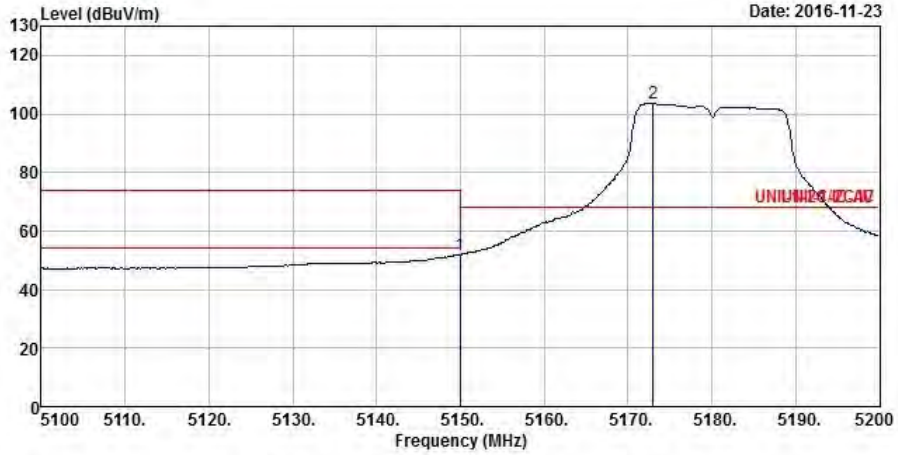
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5649.050	64.61	-3.59	68.20	61.08	32.08	6.61	35.16	Peak
2	5686.750	78.08	-17.35	95.43	74.49	32.12	6.63	35.16	Peak
3	5708.850	81.75	-25.93	107.68	78.12	32.15	6.64	35.16	Peak
4	5721.850	85.38	-29.64	115.02	81.73	32.17	6.64	35.16	Peak
5	5800.500	108.55			104.78	32.26	6.67	35.16	Peak
6	5854.450	79.69	-32.36	112.05	75.83	32.33	6.69	35.16	Peak
7	5861.600	83.88	-25.07	108.95	80.01	32.33	6.70	35.16	Peak
8	5875.575	72.87	-31.90	104.77	68.98	32.35	6.70	35.16	Peak
9	5935.050	62.64	-5.56	68.20	58.65	32.42	6.73	35.16	Peak

Transmitter Radiated Bandedge Emissions (with Antenna)

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.**
VHT20 (Beamforming)	4	5180	3	5149.400	65.28	74	5150.000	51.95	54	H
VHT20 (Beamforming)	4	5240	3	5128.800	57.22	74	5400.000	47.14	54	H
VHT40 (Beamforming)	4	5190	3	5147.080	71.09	74	5149.940	52.92	54	H
VHT40 (Beamforming)	4	5230	3	5146.200	58.89	74	5149.800	47.54	54	H
VHT80 (Beamforming)	4	5210	3	5144.400	68.47	74	5149.200	52.43	54	H
Note 1: Measurement worst emissions of receive antenna polarization.										

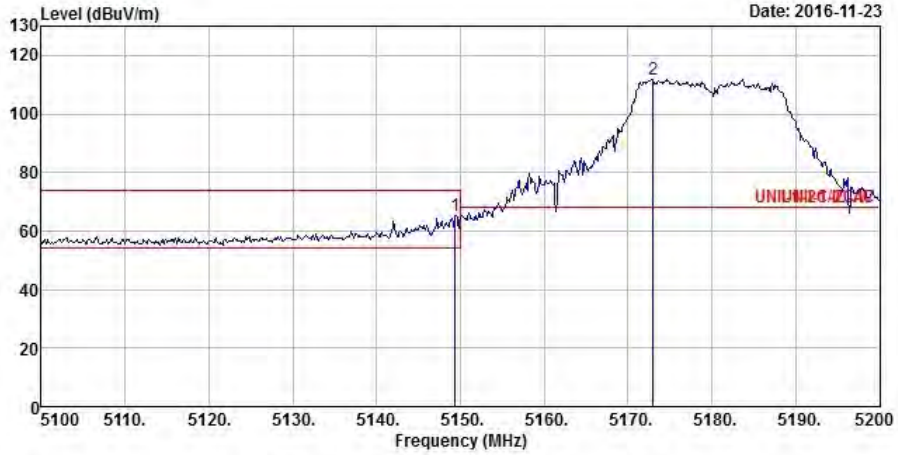
U-NII 5725-5850MHz Transmitter Radiated Bandedge (with Antenna)							
Modulation Mode	**N_{TX}**	**Freq. (MHz)**	**Measure Distance (m)**	**Freq. (MHz) PK**	**Level (dBuV/m) PK**	**Limit (dBuV/m) PK**	**Pol.**
VHT20 (Beamforming)	4	5745	3	5737.840	11.99	122.2	H
VHT20 (Beamforming)	4	5825	3	5830.390	115.48	122.2	H
VHT40 (Beamforming)	4	5755	3	5627.480	58.89	68.2	H
VHT40 (Beamforming)	4	5795	3	5802.400	113.31	122.2	H
VHT80 (Beamforming)	4	5775	3	5942.200	58.52	68.2	H
Note 1: Measurement worst emissions of receive antenna polarization.							

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Average



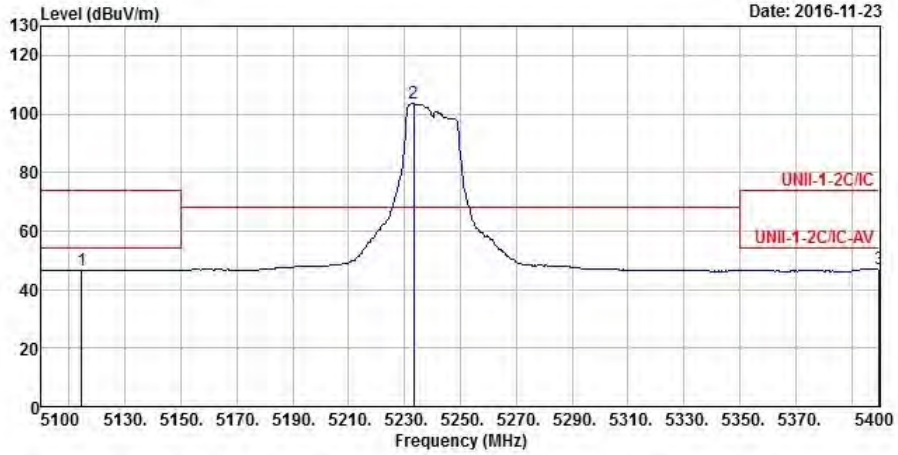
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5150.000	51.95	-2.05	54.00	49.25	31.55	6.30	35.15	Average
2	5173.000	103.47			100.73	31.57	6.32	35.15	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Remark**	Peak



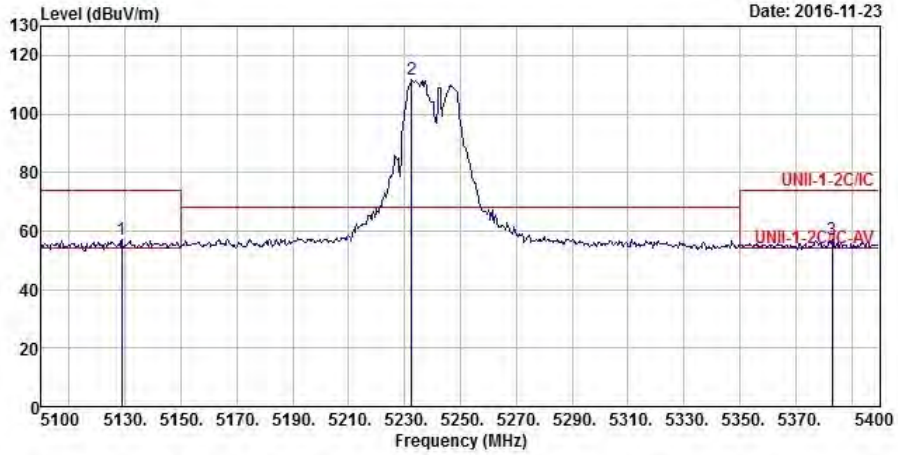
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.400	65.28	-8.72	74.00	62.58	31.55	6.30	35.15	Peak
2	5173.000	111.68			108.94	31.57	6.32	35.15	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Average



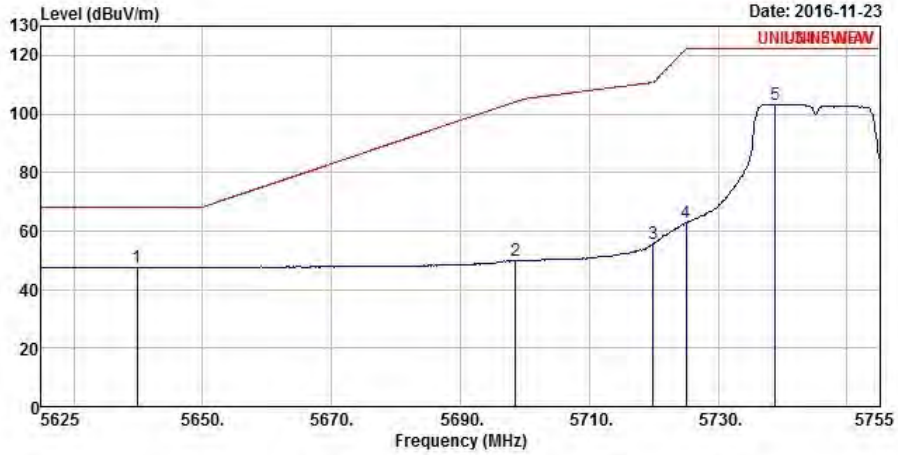
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5114.400	46.73	-7.27	54.00	44.10	31.51	6.27	35.15	Average
2	5233.200	103.50			100.64	31.63	6.38	35.15	Average
3	5400.000	47.14	-6.86	54.00	44.01	31.80	6.49	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Remark**	Peak



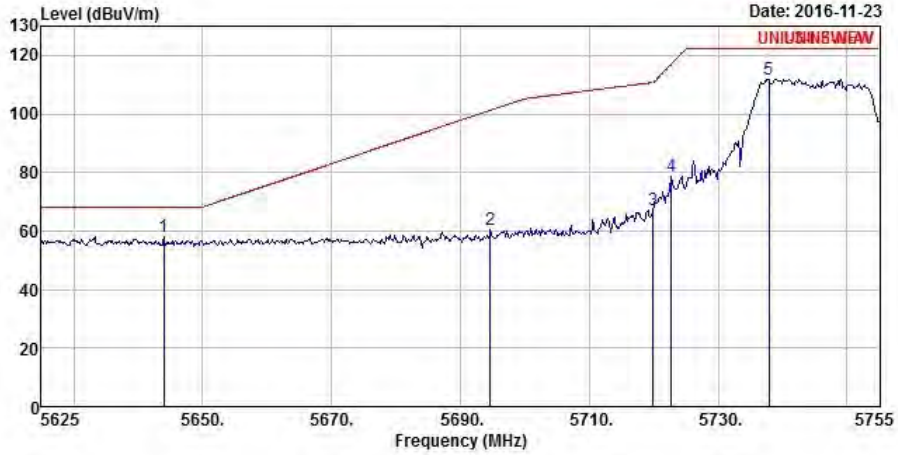
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5128.800	57.22	-16.78	74.00	54.54	31.53	6.30	35.15	Peak
2	5232.600	111.75			108.89	31.63	6.38	35.15	Peak
3	5383.200	56.91	-17.09	74.00	53.82	31.78	6.47	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Average



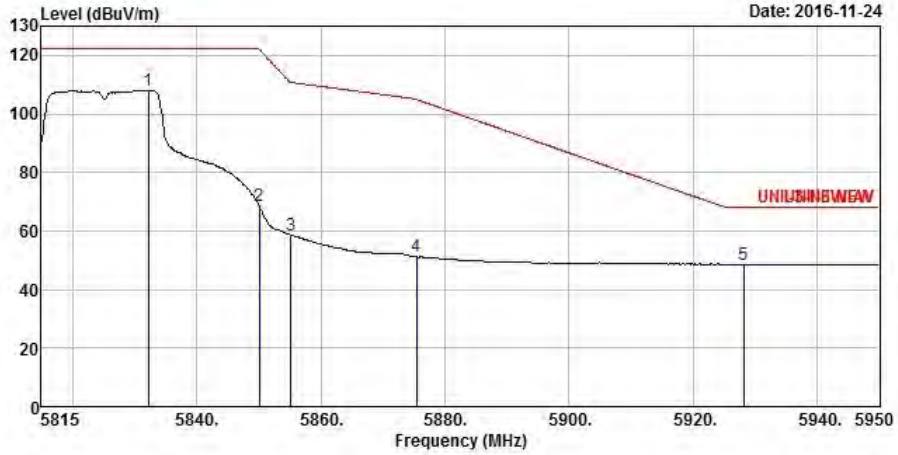
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5639.820	47.58	-20.62	68.20	44.06	32.07	6.61	35.16	Average
2	5698.580	49.91	-54.24	104.15	46.30	32.14	6.63	35.16	Average
3	5719.900	55.41	-55.36	110.77	51.77	32.16	6.64	35.16	Average
4	5724.970	62.63	-59.50	122.13	58.98	32.17	6.64	35.16	Average
5	5738.880	103.10			99.41	32.19	6.66	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Remark**	Peak



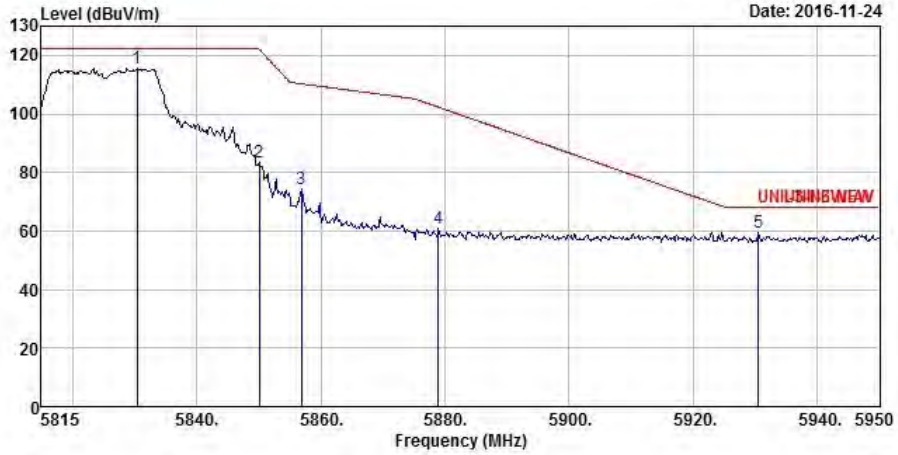
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5643.980	57.97	-10.23	68.20	54.45	32.07	6.61	35.16	Peak
2	5694.680	60.21	-41.07	101.28	56.61	32.13	6.63	35.16	Peak
3	5719.900	67.34	-43.43	110.77	63.70	32.16	6.64	35.16	Peak
4	5722.760	78.79	-38.30	117.09	75.14	32.17	6.64	35.16	Peak
5	5737.840	111.99			108.32	32.19	6.64	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Average



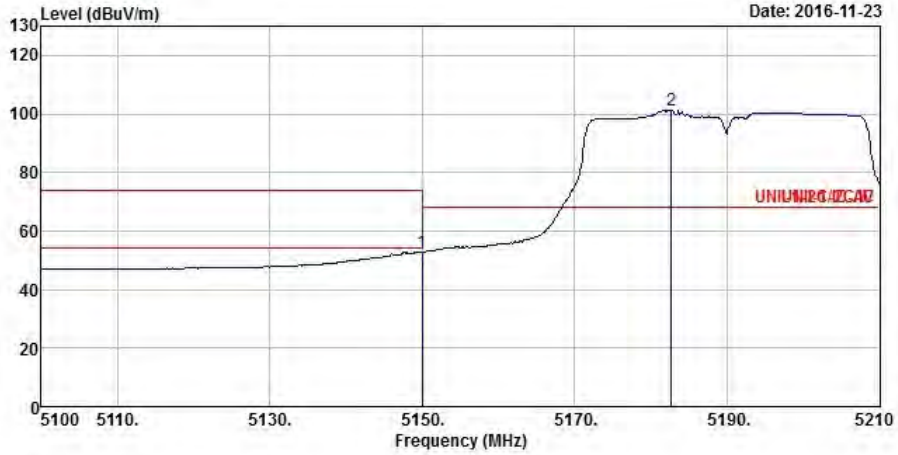
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5832.280	108.06			104.23	32.30	6.69	35.16	Average
2	5850.100	68.43	-53.54	121.97	64.58	32.32	6.69	35.16	Average
3	5855.230	58.58	-52.16	110.74	54.72	32.33	6.69	35.16	Average
4	5875.480	51.16	-53.68	104.84	47.27	32.35	6.70	35.16	Average
5	5928.130	48.64	-19.56	68.20	44.67	32.41	6.72	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Remark**	Peak



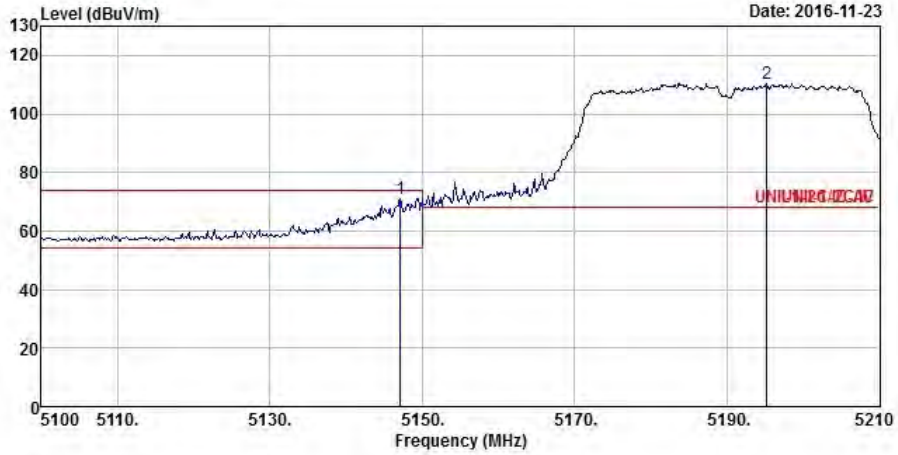
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5830.390	115.48			111.65	32.30	6.69	35.16	Peak
2	5850.100	83.28	-38.69	121.97	79.43	32.32	6.69	35.16	Peak
3	5856.850	74.19	-36.09	110.28	70.32	32.33	6.70	35.16	Peak
4	5878.990	61.16	-41.08	102.24	57.27	32.35	6.70	35.16	Peak
5	5930.560	59.28	-8.92	68.20	55.30	32.42	6.72	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Remark**	Average



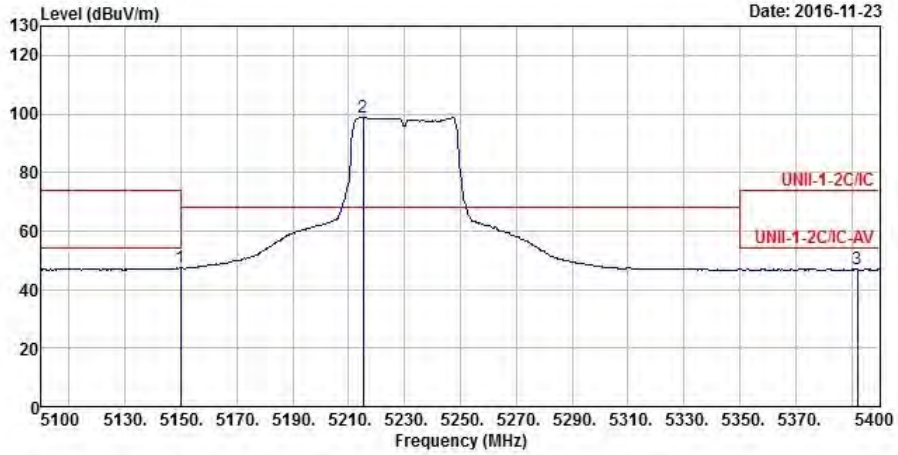
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.940	52.92	-1.08	54.00	50.22	31.55	6.30	35.15	Average
2	5182.720	101.40			98.65	31.58	6.32	35.15	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Remark**	Peak



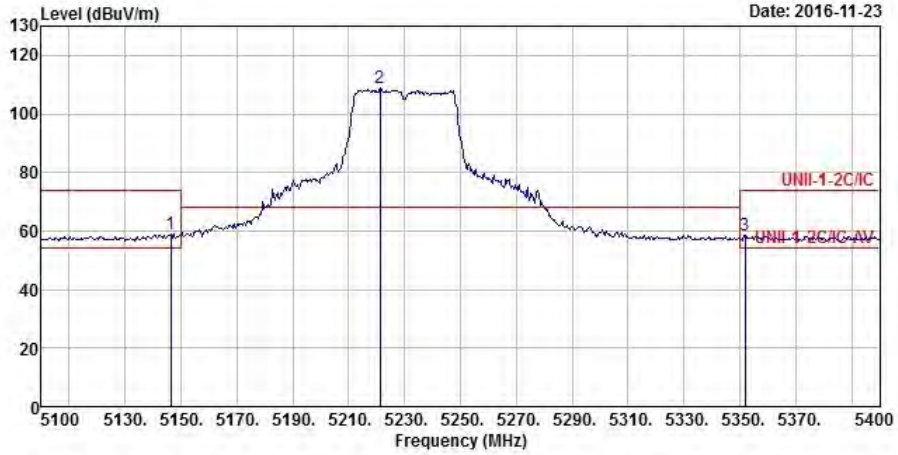
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5147.080	71.09	-2.91	74.00	68.39	31.55	6.30	35.15	Peak
2	5195.260	110.16			107.36	31.60	6.35	35.15	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Remark**	Average



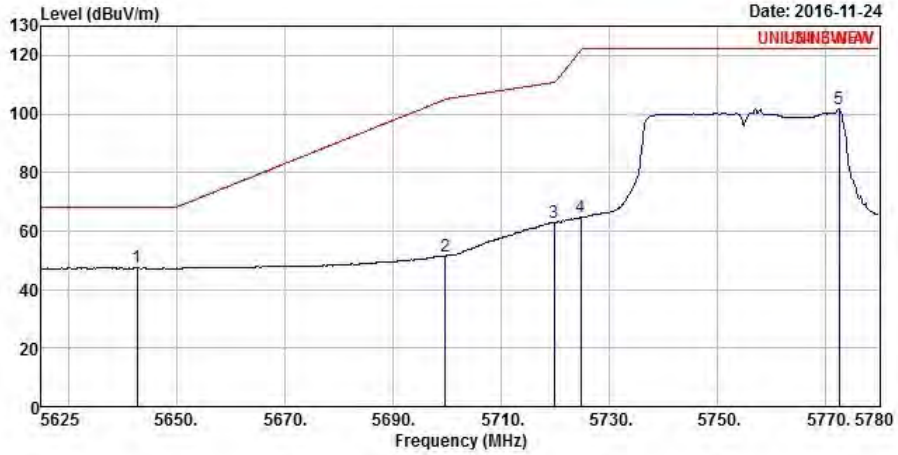
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.800	47.54	-6.46	54.00	44.84	31.55	6.30	35.15	Average
2	5215.200	98.88			96.06	31.62	6.35	35.15	Average
3	5392.200	46.96	-7.04	54.00	43.84	31.79	6.49	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Remark**	Peak



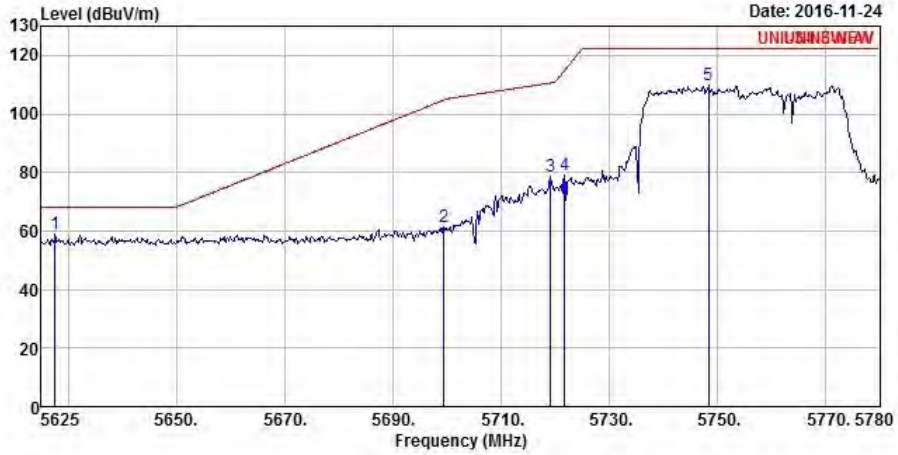
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5146.200	58.89	-15.11	74.00	56.19	31.55	6.30	35.15	Peak
2	5221.200	108.75			105.93	31.62	6.35	35.15	Peak
3	5352.000	58.75	-15.25	74.00	55.69	31.75	6.47	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Remark**	Average



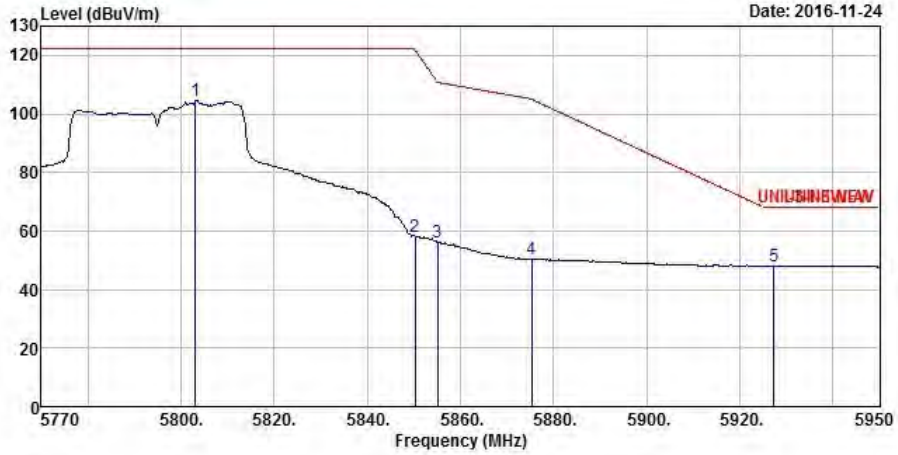
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5642.670	47.52	-20.68	68.20	44.00	32.07	6.61	35.16	Average
2	5699.710	51.41	-53.58	104.99	47.79	32.14	6.64	35.16	Average
3	5719.860	62.86	-47.90	110.76	59.22	32.16	6.64	35.16	Average
4	5724.820	64.75	-57.04	121.79	61.10	32.17	6.64	35.16	Average
5	5772.560	101.90			98.17	32.23	6.66	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Remark**	Peak



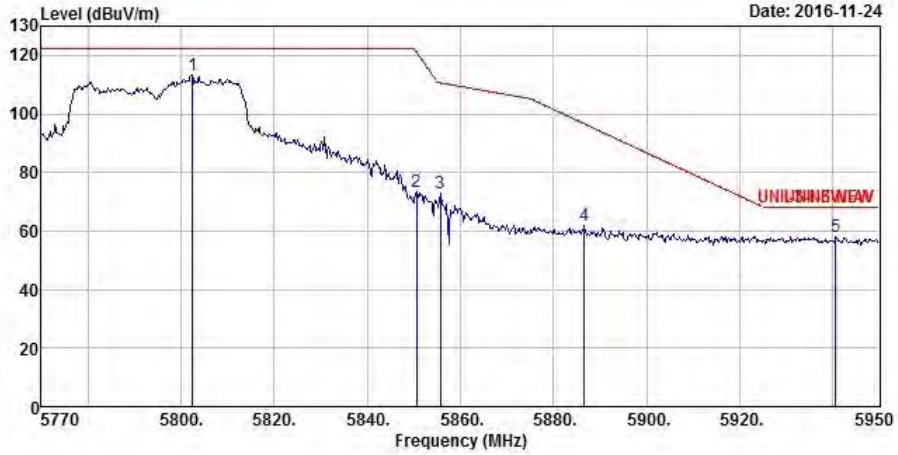
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5627.480	58.89	-9.31	68.20	55.39	32.05	6.61	35.16	Peak
2	5699.400	61.33	-43.43	104.76	57.72	32.14	6.63	35.16	Peak
3	5719.240	78.72	-31.87	110.59	75.08	32.16	6.64	35.16	Peak
4	5721.720	79.17	-35.55	114.72	75.52	32.17	6.64	35.16	Peak
5	5748.380	109.63			105.93	32.20	6.66	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Remark**	Average



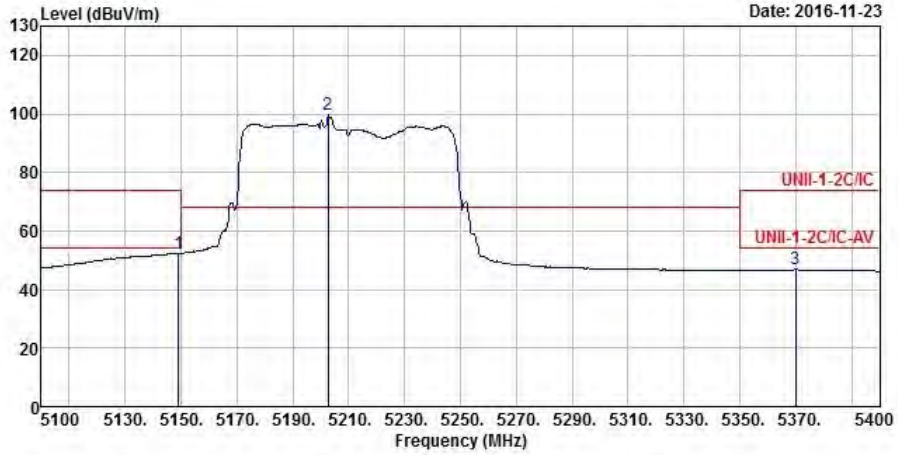
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5803.120	104.81			101.04	32.26	6.67	35.16	Average
2	5850.280	58.20	-63.36	121.56	54.35	32.32	6.69	35.16	Average
3	5855.140	56.25	-54.51	110.76	52.39	32.33	6.69	35.16	Average
4	5875.300	50.39	-54.59	104.98	46.50	32.35	6.70	35.16	Average
5	5927.320	48.18	-20.02	68.20	44.21	32.41	6.72	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Remark**	Peak



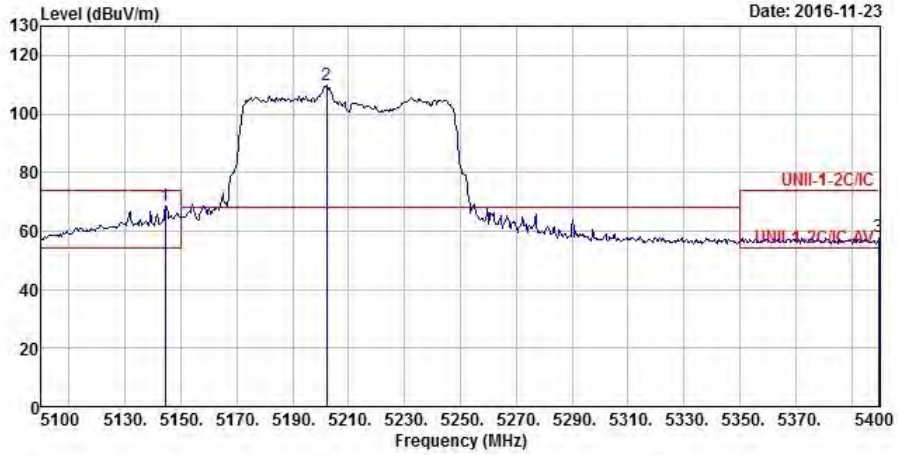
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5802.400	113.31			109.54	32.26	6.67	35.16	Peak
2	5850.640	73.28	-47.46	120.74	69.43	32.32	6.69	35.16	Peak
3	5855.680	73.07	-37.54	110.61	69.20	32.33	6.70	35.16	Peak
4	5886.640	61.78	-34.78	96.56	57.88	32.36	6.70	35.16	Peak
5	5940.640	57.89	-10.31	68.20	53.89	32.43	6.73	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Remark**	Average



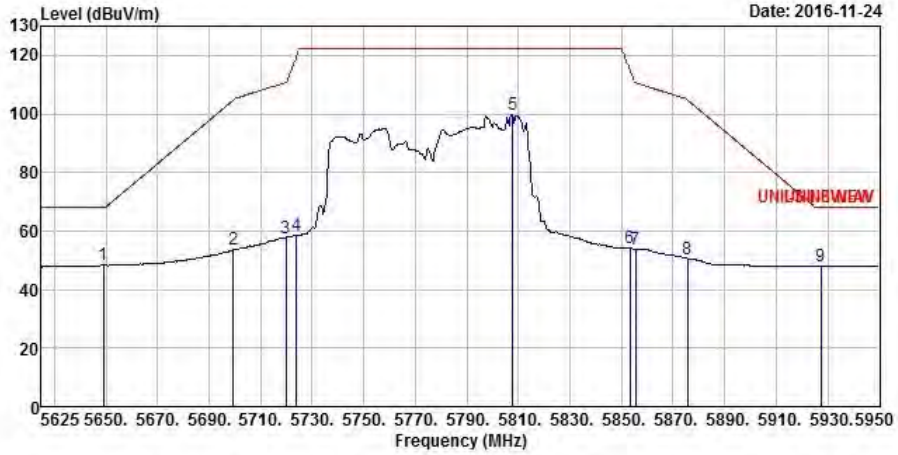
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5149.200	52.43	-1.57	54.00	49.73	31.55	6.30	35.15	Average
2	5202.600	99.99			97.19	31.60	6.35	35.15	Average
3	5370.000	47.03	-6.97	54.00	43.95	31.77	6.47	35.16	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Remark**	Peak



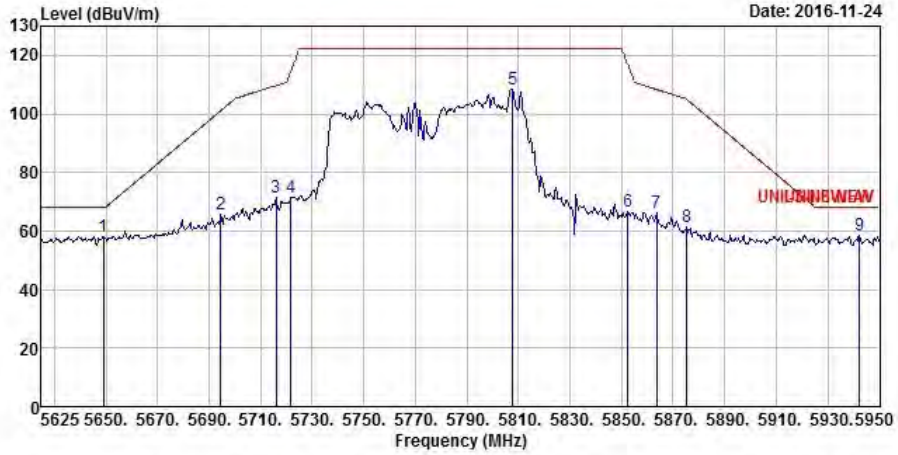
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	5144.400	68.47	-5.53	74.00	65.78	31.54	6.30	35.15	Peak
2	5202.000	109.93			107.13	31.60	6.35	35.15	Peak
3	5399.700	58.17	-15.83	74.00	55.04	31.80	6.49	35.16	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Remark**	Average



	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	5649.050	48.31	-19.89	68.20	44.78	32.08	6.61	35.16	Average
2	5699.425	53.52	-51.26	104.78	49.91	32.14	6.63	35.16	Average
3	5719.900	57.77	-53.00	110.77	54.13	32.16	6.64	35.16	Average
4	5723.800	58.61	-60.85	119.46	54.96	32.17	6.64	35.16	Average
5	5807.650	99.78			96.00	32.27	6.67	35.16	Average
6	5853.150	54.29	-60.73	115.02	50.44	32.32	6.69	35.16	Average
7	5855.425	53.91	-56.77	110.68	50.05	32.33	6.69	35.16	Average
8	5875.575	50.56	-54.21	104.77	46.67	32.35	6.70	35.16	Average
9	5927.250	48.03	-20.17	68.20	44.06	32.41	6.72	35.16	Average

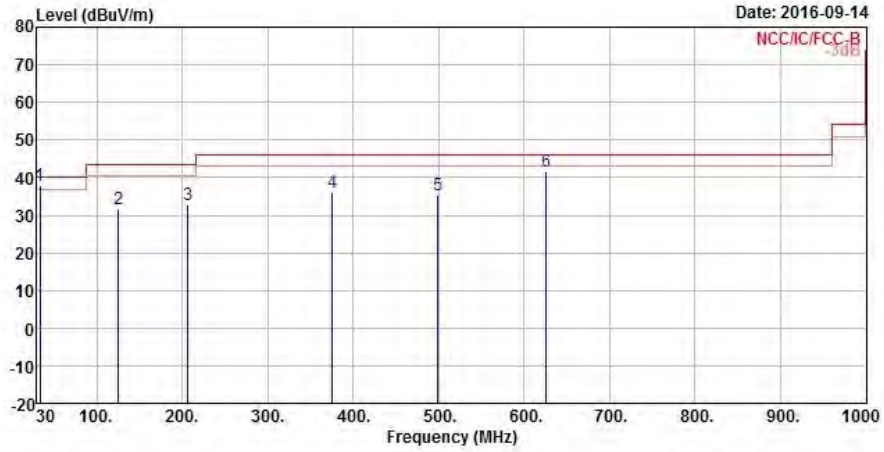
Transmitter Radiated Bandedge Emissions			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Remark**	Peak



	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	5649.050	58.28	-9.92	68.20	54.75	32.08	6.61	35.16	Peak
2	5694.550	65.65	-35.53	101.18	62.05	32.13	6.63	35.16	Peak
3	5716.000	71.50	-38.18	109.68	67.86	32.16	6.64	35.16	Peak
4	5721.850	71.64	-43.38	115.02	67.99	32.17	6.64	35.16	Peak
5	5807.650	108.54			104.76	32.27	6.67	35.16	Peak
6	5852.500	66.92	-49.58	116.50	63.07	32.32	6.69	35.16	Peak
7	5863.550	66.23	-42.17	108.40	62.35	32.34	6.70	35.16	Peak
8	5875.250	61.60	-43.41	105.01	57.71	32.35	6.70	35.16	Peak
9	5942.200	58.52	-9.68	68.20	54.52	32.43	6.73	35.16	Peak

Transmitter Radiated Unwanted Emissions (Below 1GHz)

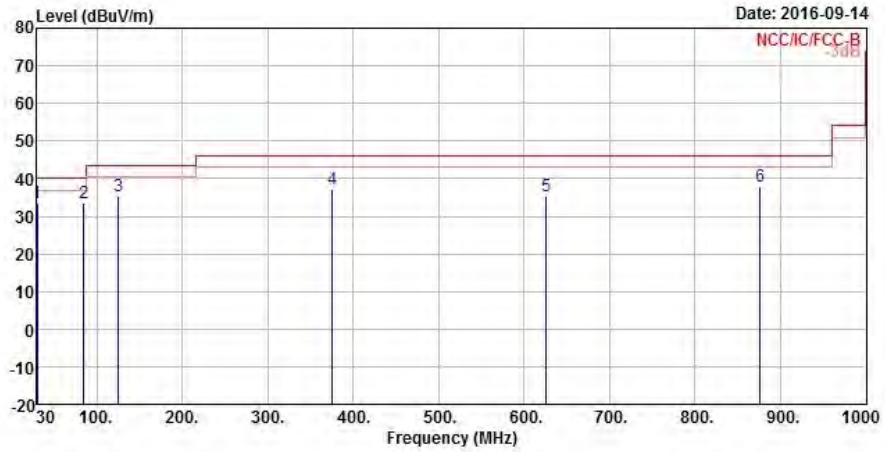
Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	V
Operating Function	UPS Mode		



	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	33.880	37.98	-2.02	40.00	52.21	22.80	0.34	37.37	QP
2	125.060	31.66	-11.84	43.50	50.73	17.00	0.64	36.71	Peak
3	206.540	32.65	-10.85	43.50	52.94	15.30	0.80	36.39	Peak
4	375.320	36.04	-9.96	46.00	50.65	20.91	1.08	36.60	Peak
5	499.480	35.52	-10.48	46.00	47.92	23.29	1.29	36.98	Peak
6	625.580	41.80	-4.20	46.00	52.68	25.01	1.44	37.33	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.

Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	H
Operating Function	UPS Mode		

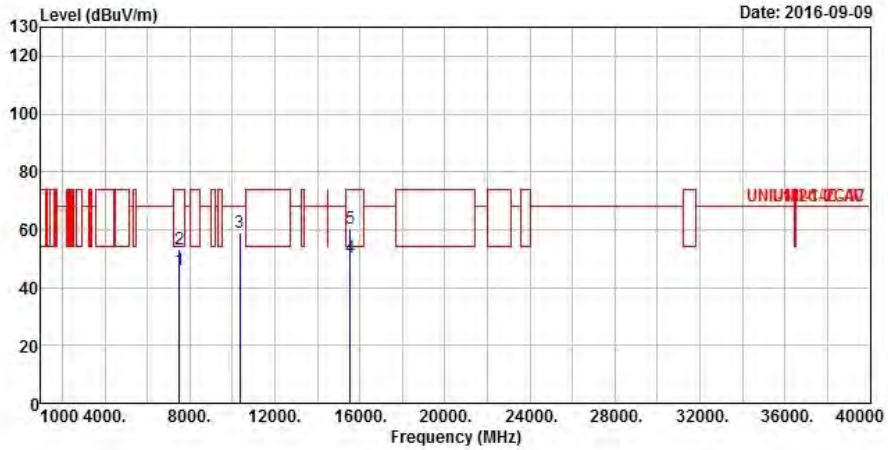


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	30.000	33.47	-6.53	40.00	45.67	24.90	0.32	37.42	Peak
2	84.320	33.61	-6.39	40.00	56.60	13.42	0.53	36.94	Peak
3	125.060	35.47	-8.03	43.50	54.54	17.00	0.64	36.71	Peak
4	375.320	37.27	-8.73	46.00	51.88	20.91	1.08	36.60	Peak
5	625.580	35.30	-10.70	46.00	46.18	25.01	1.44	37.33	Peak
6	875.840	37.90	-8.10	46.00	45.49	28.30	1.76	37.65	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.

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

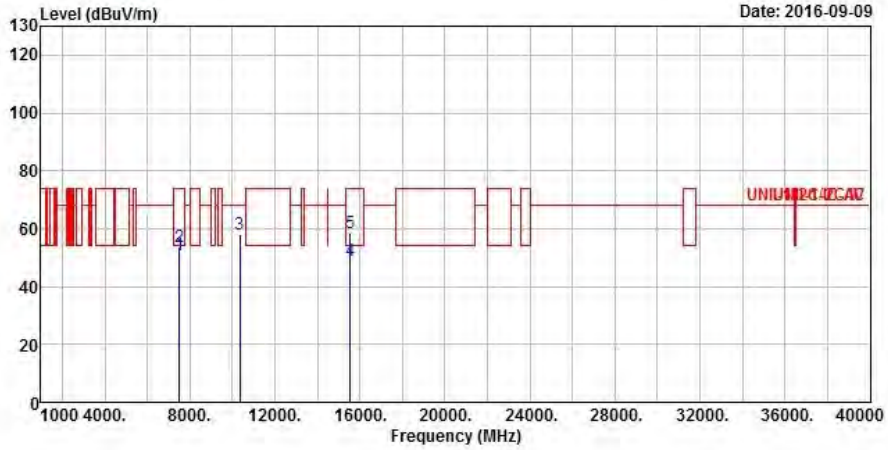
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	V



	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	7500.000	45.99	-8.01	54.00	37.16	36.60	7.67	35.44	Average
2	7500.000	53.20	-20.80	74.00	44.37	36.60	7.67	35.44	Peak
3	10360.000	58.99	-9.21	68.20	45.71	39.48	9.41	35.61	Peak
4	15540.000	50.25	-3.75	54.00	35.93	38.41	11.54	35.63	Average
5	15540.000	60.68	-13.32	74.00	46.36	38.41	11.54	35.63	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.

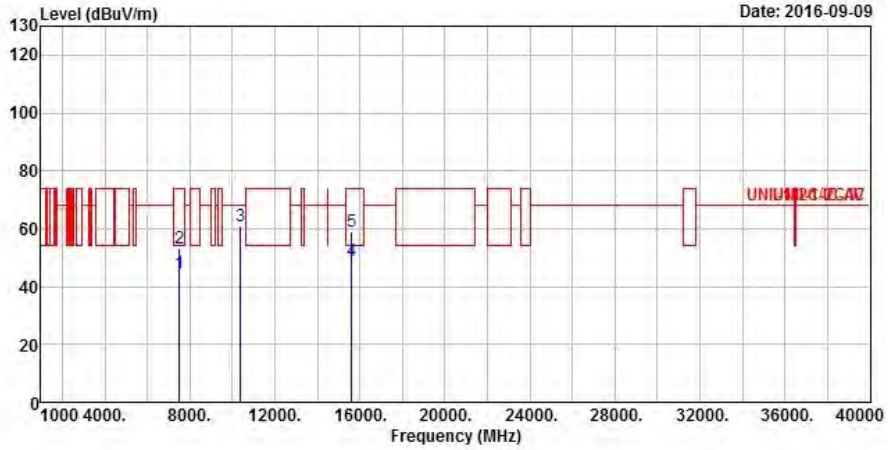
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	H



	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	7500.000	50.66	-3.34	54.00	41.83	36.60	7.67	35.44	Average
2	7500.000	53.92	-20.08	74.00	45.09	36.60	7.67	35.44	Peak
3	10360.000	58.04	-10.16	68.20	44.76	39.48	9.41	35.61	Peak
4	15540.000	48.90	-5.10	54.00	34.58	38.41	11.54	35.63	Average
5	15540.000	58.56	-15.44	74.00	44.24	38.41	11.54	35.63	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.

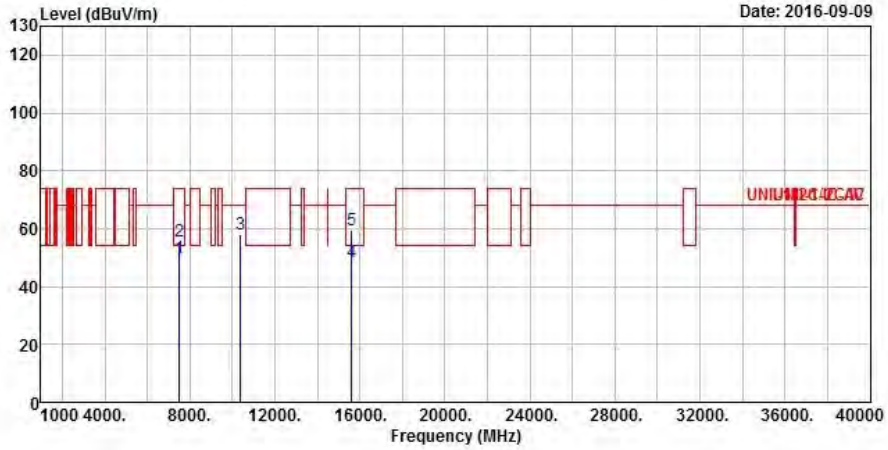
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	V



	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	7500.000	44.80	-9.20	54.00	35.97	36.60	7.67	35.44	Average
2	7500.000	53.04	-20.96	74.00	44.21	36.60	7.67	35.44	Peak
3	10400.000	60.86	-7.34	68.20	47.46	39.54	9.44	35.58	Peak
4	15600.000	48.70	-5.30	54.00	34.59	38.28	11.50	35.67	Average
5	15600.000	59.11	-14.89	74.00	45.00	38.28	11.50	35.67	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.

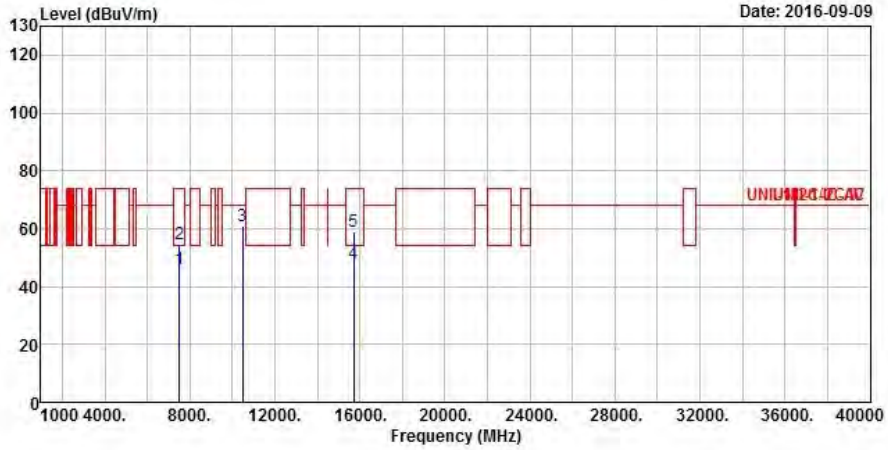
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	H



	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	7500.000	49.65	-4.35	54.00	40.82	36.60	7.67	35.44	Average
2	7500.000	55.46	-18.54	74.00	46.63	36.60	7.67	35.44	Peak
3	10400.000	57.92	-10.28	68.20	44.52	39.54	9.44	35.58	Peak
4	15600.000	48.41	-5.59	54.00	34.30	38.28	11.50	35.67	Average
5	15600.000	59.36	-14.64	74.00	45.25	38.28	11.50	35.67	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.

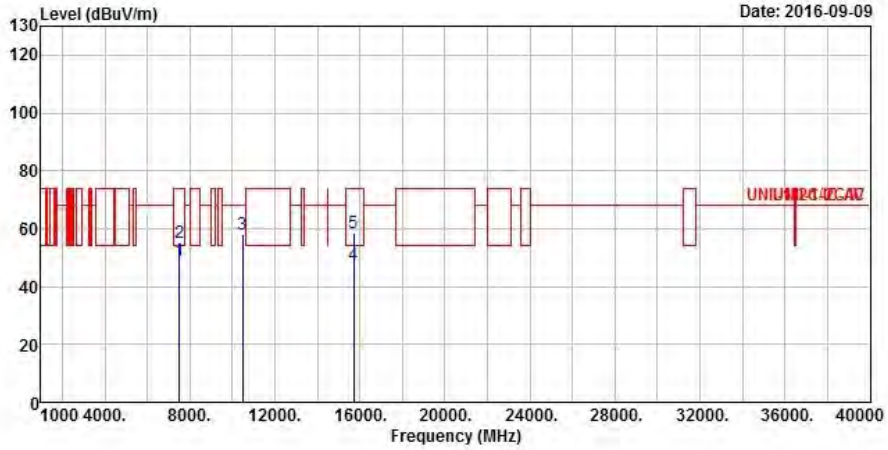
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	V



	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	7500.000	45.99	-8.01	54.00	37.16	36.60	7.67	35.44	Average
2	7500.000	54.56	-19.44	74.00	45.73	36.60	7.67	35.44	Peak
3	10480.000	60.82	-7.38	68.20	47.17	39.67	9.48	35.50	Peak
4	15720.000	47.92	-6.08	54.00	34.23	38.02	11.40	35.73	Average
5	15720.000	58.91	-15.09	74.00	45.22	38.02	11.40	35.73	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.

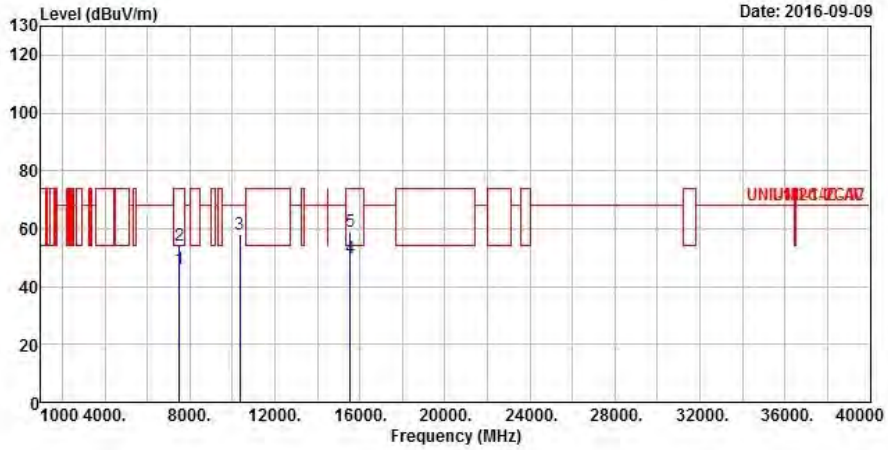
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	H



	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	7500.000	48.94	-5.06	54.00	40.11	36.60	7.67	35.44	Average
2	7500.000	55.15	-18.85	74.00	46.32	36.60	7.67	35.44	Peak
3	10480.000	58.14	-10.06	68.20	44.49	39.67	9.48	35.50	Peak
4	15720.000	47.59	-6.41	54.00	33.90	38.02	11.40	35.73	Average
5	15720.000	58.51	-15.49	74.00	44.82	38.02	11.40	35.73	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.

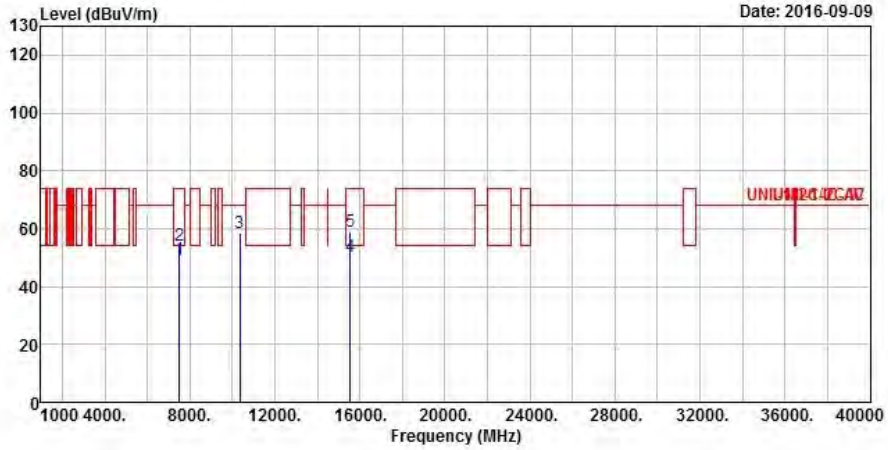
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	V



	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	7500.000	45.91	-8.09	54.00	37.08	36.60	7.67	35.44	Average
2	7500.000	54.00	-20.00	74.00	45.17	36.60	7.67	35.44	Peak
3	10360.000	58.16	-10.04	68.20	44.88	39.48	9.41	35.61	Peak
4	15540.000	49.72	-4.28	54.00	35.40	38.41	11.54	35.63	Average
5	15540.000	58.82	-15.18	74.00	44.50	38.41	11.54	35.63	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.

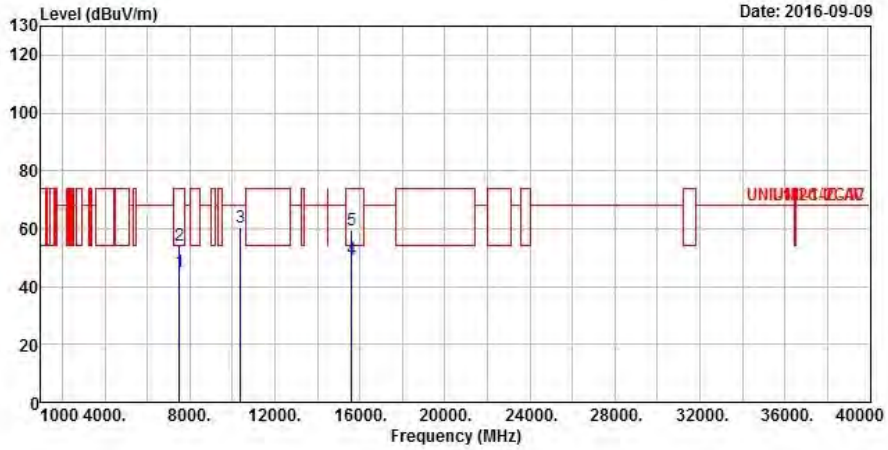
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	H



	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	7500.000	49.48	-4.52	54.00	40.65	36.60	7.67	35.44	Average
2	7500.000	54.02	-19.98	74.00	45.19	36.60	7.67	35.44	Peak
3	10360.000	58.38	-9.82	68.20	45.10	39.48	9.41	35.61	Peak
4	15540.000	50.45	-3.55	54.00	36.13	38.41	11.54	35.63	Average
5	15540.000	59.14	-14.86	74.00	44.82	38.41	11.54	35.63	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.

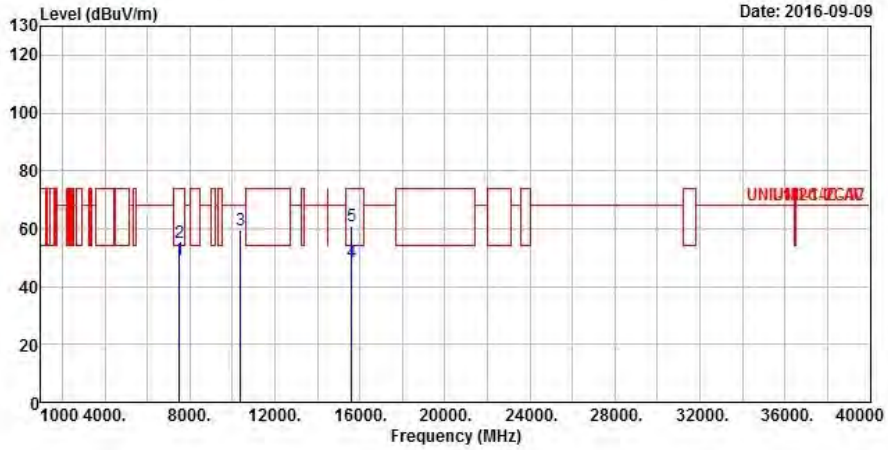
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	V



	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	7500.000	45.07	-8.93	54.00	36.24	36.60	7.67	35.44	Average
2	7500.000	54.10	-19.90	74.00	45.27	36.60	7.67	35.44	Peak
3	10400.000	60.37	-7.83	68.20	46.97	39.54	9.44	35.58	Peak
4	15600.000	49.56	-4.44	54.00	35.45	38.28	11.50	35.67	Average
5	15600.000	59.52	-14.48	74.00	45.41	38.28	11.50	35.67	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.

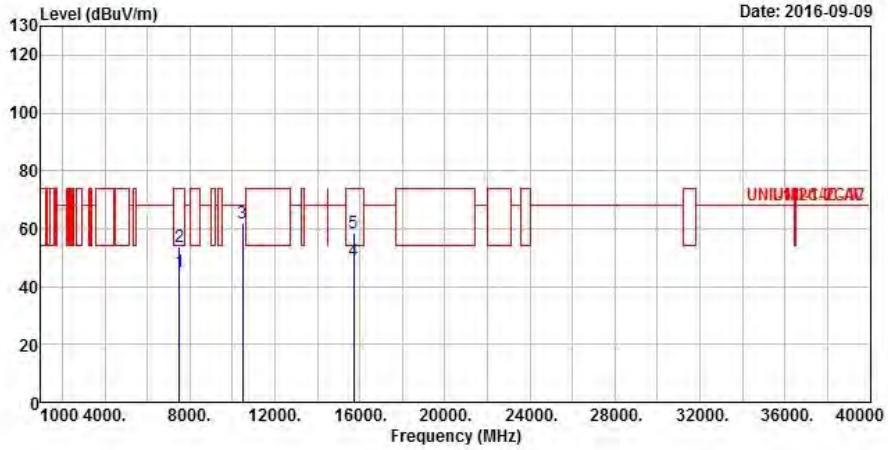
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	H



	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	7500.000	49.64	-4.36	54.00	40.81	36.60	7.67	35.44	Average
2	7500.000	55.24	-18.76	74.00	46.41	36.60	7.67	35.44	Peak
3	10400.000	59.52	-8.68	68.20	46.12	39.54	9.44	35.58	Peak
4	15600.000	48.68	-5.32	54.00	34.57	38.28	11.50	35.67	Average
5	15600.000	61.15	-12.85	74.00	47.04	38.28	11.50	35.67	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.

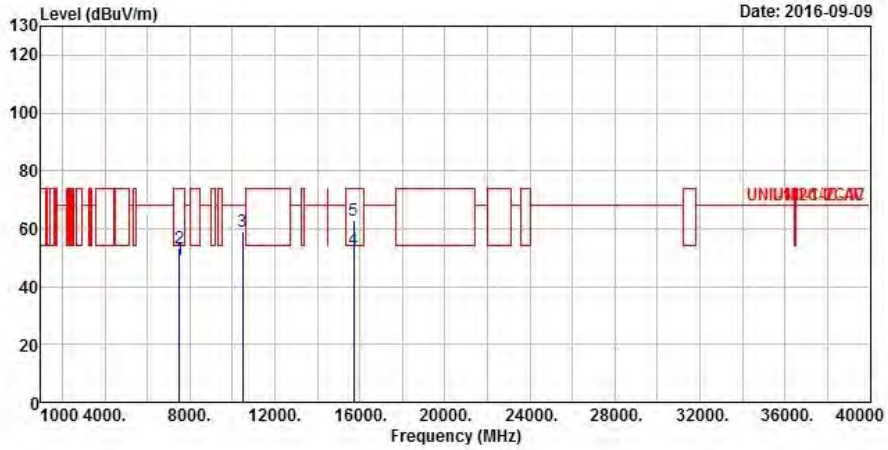
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	V



	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	7500.000	45.02	-8.98	54.00	36.19	36.60	7.67	35.44	Average
2	7500.000	53.77	-20.23	74.00	44.94	36.60	7.67	35.44	Peak
3	10480.000	61.87	-6.33	68.20	48.22	39.67	9.48	35.50	Peak
4	15720.000	48.83	-5.17	54.00	35.14	38.02	11.40	35.73	Average
5	15720.000	58.59	-15.41	74.00	44.90	38.02	11.40	35.73	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.

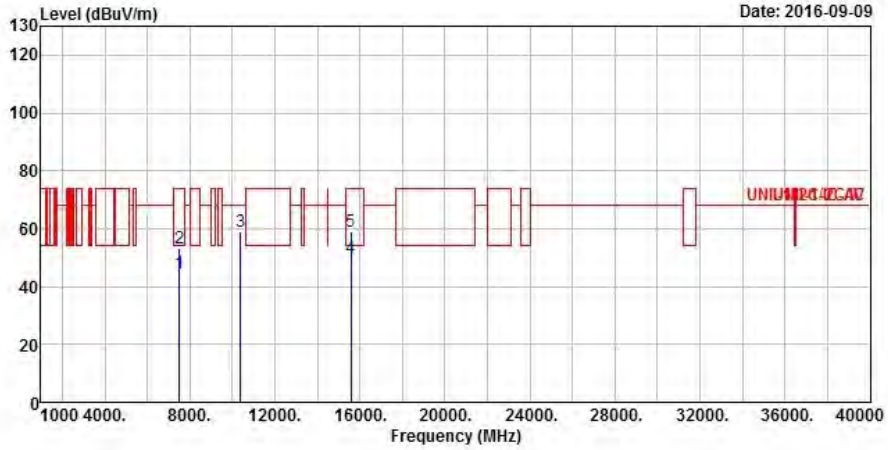
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	H



	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	7500.000	49.54	-4.46	54.00	40.71	36.60	7.67	35.44	Average
2	7500.000	53.19	-20.81	74.00	44.36	36.60	7.67	35.44	Peak
3	10480.000	59.03	-9.17	68.20	45.38	39.67	9.48	35.50	Peak
4	15720.000	52.92	-1.08	54.00	39.23	38.02	11.40	35.73	Average
5	15720.000	62.89	-11.11	74.00	49.20	38.02	11.40	35.73	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.

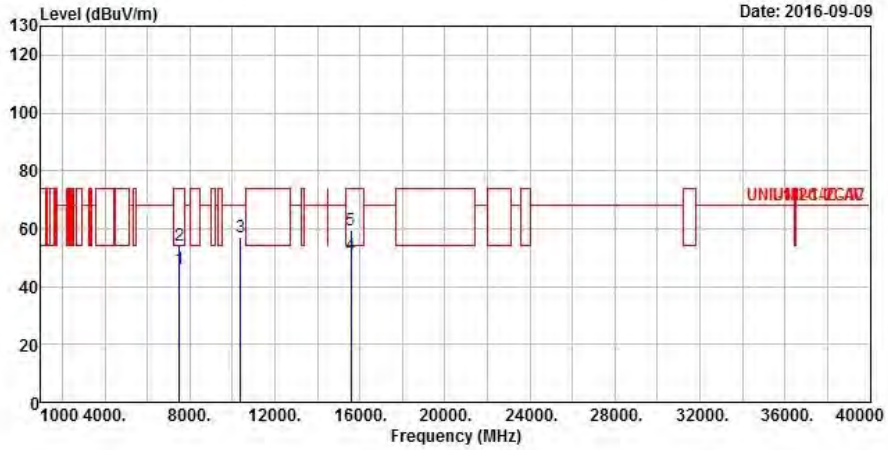
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Polarization**	V



	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	7500.000	44.67	-9.33	54.00	35.84	36.60	7.67	35.44	Average
2	7500.000	53.22	-20.78	74.00	44.39	36.60	7.67	35.44	Peak
3	10380.000	58.85	-9.35	68.20	45.50	39.51	9.44	35.60	Peak
4	15570.000	49.70	-4.30	54.00	35.50	38.35	11.50	35.65	Average
5	15570.000	58.90	-15.10	74.00	44.70	38.35	11.50	35.65	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.

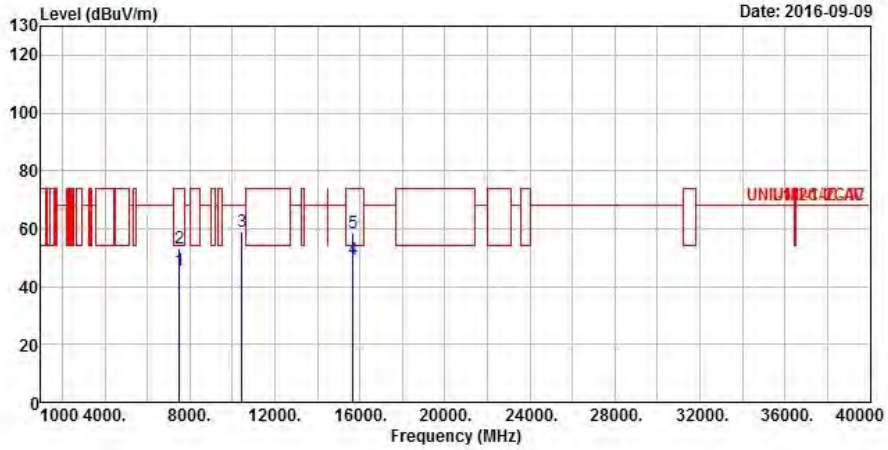
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Polarization**	H



	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	7500.000	46.08	-7.92	54.00	37.25	36.60	7.67	35.44	Average
2	7500.000	54.44	-19.56	74.00	45.61	36.60	7.67	35.44	Peak
3	10380.000	57.05	-11.15	68.20	43.70	39.51	9.44	35.60	Peak
4	15570.000	50.90	-3.10	54.00	36.70	38.35	11.50	35.65	Average
5	15570.000	59.35	-14.65	74.00	45.15	38.35	11.50	35.65	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.

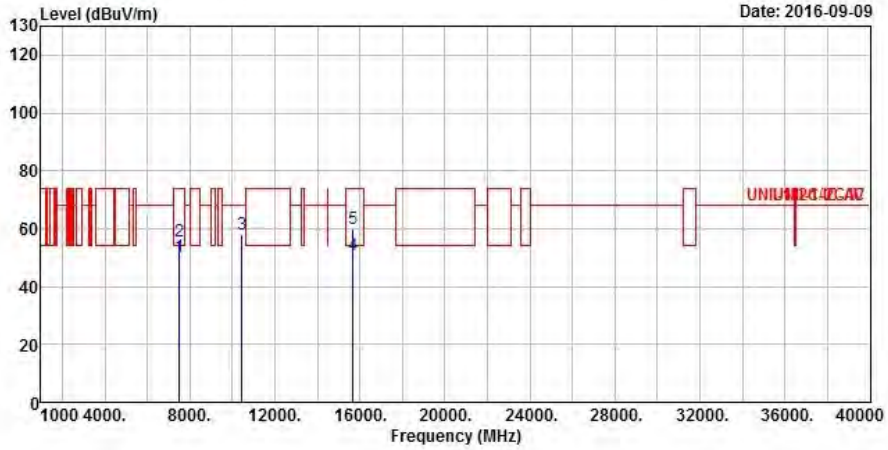
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Polarization**	V



	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	7500.000	45.64	-8.36	54.00	36.81	36.60	7.67	35.44	Average
2	7500.000	53.22	-20.78	74.00	44.39	36.60	7.67	35.44	Peak
3	10460.000	59.10	-9.10	68.20	45.50	39.64	9.48	35.52	Peak
4	15690.000	49.57	-4.43	54.00	35.81	38.08	11.40	35.72	Average
5	15690.000	58.67	-15.33	74.00	44.91	38.08	11.40	35.72	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.

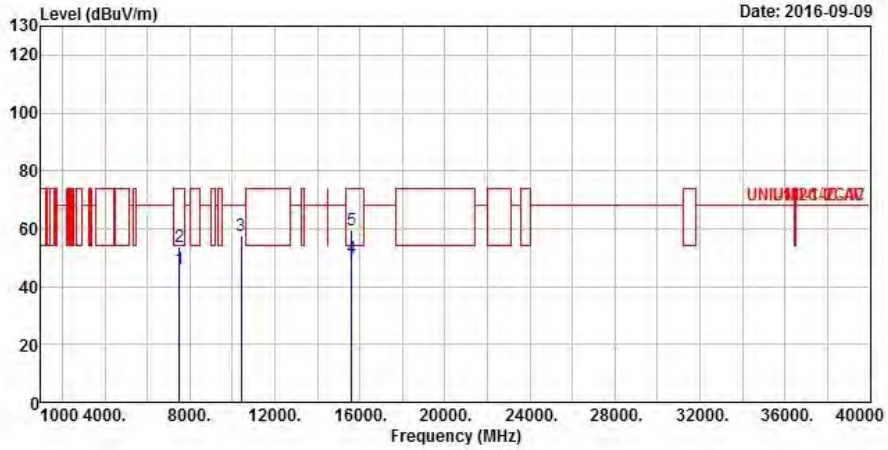
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Polarization**	H



	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	7500.000	50.41	-3.59	54.00	41.58	36.60	7.67	35.44	Average
2	7500.000	55.45	-18.55	74.00	46.62	36.60	7.67	35.44	Peak
3	10460.000	57.95	-10.25	68.20	44.35	39.64	9.48	35.52	Peak
4	15690.000	50.78	-3.22	54.00	37.02	38.08	11.40	35.72	Average
5	15690.000	59.79	-14.21	74.00	46.03	38.08	11.40	35.72	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.

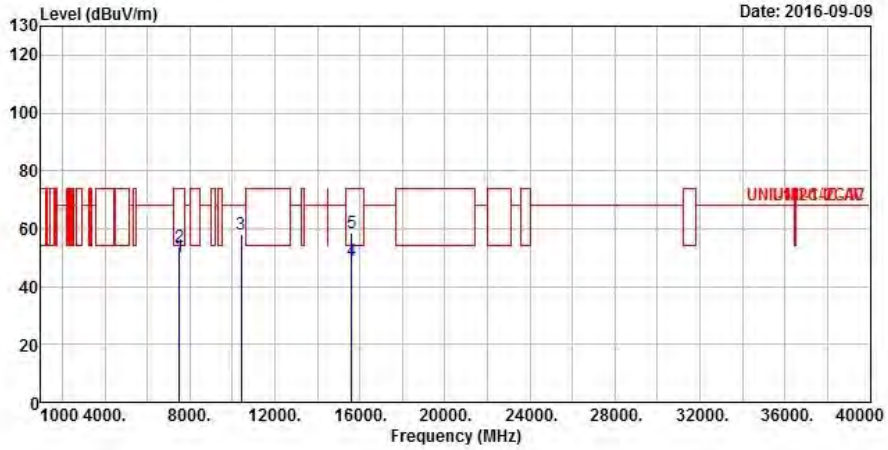
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Polarization**	V



	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	7500.000	46.05	-7.95	54.00	37.22	36.60	7.67	35.44	Average
2	7500.000	53.64	-20.36	74.00	44.81	36.60	7.67	35.44	Peak
3	10420.000	57.33	-10.87	68.20	43.86	39.57	9.46	35.56	Peak
4	15630.000	50.10	-3.90	54.00	36.10	38.21	11.47	35.68	Average
5	15630.000	59.30	-14.70	74.00	45.30	38.21	11.47	35.68	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	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Polarization**	H

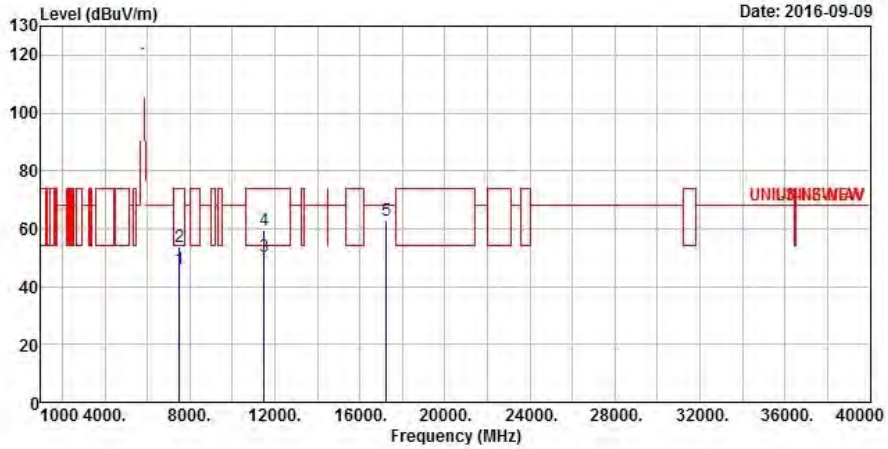


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7500.000	50.46	-3.54	54.00	41.63	36.60	7.67	35.44	Average
2	7500.000	53.81	-20.19	74.00	44.98	36.60	7.67	35.44	Peak
3	10420.000	57.98	-10.22	68.20	44.51	39.57	9.46	35.56	Peak
4	15630.000	48.80	-5.20	54.00	34.80	38.21	11.47	35.68	Average
5	15630.000	58.70	-15.30	74.00	44.70	38.21	11.47	35.68	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) for 5725-5850MHz

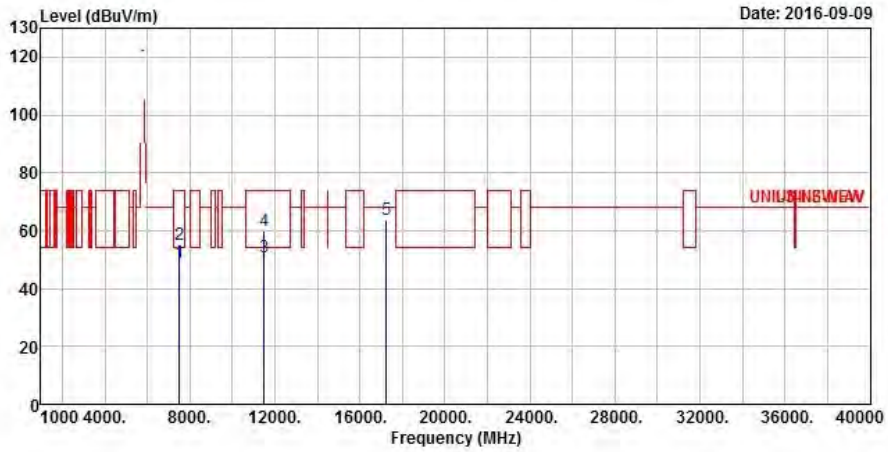
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	V



	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	7500.000	46.25	-7.75	54.00	37.42	36.60	7.67	35.44	Average
2	7500.000	53.96	-20.04	74.00	45.13	36.60	7.67	35.44	Peak
3	11490.000	50.42	-3.58	54.00	35.86	40.10	9.74	35.28	Average
4	11490.000	59.27	-14.73	74.00	44.71	40.10	9.74	35.28	Peak
5	17235.000	63.06	-5.14	68.20	45.17	41.05	11.93	35.09	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.

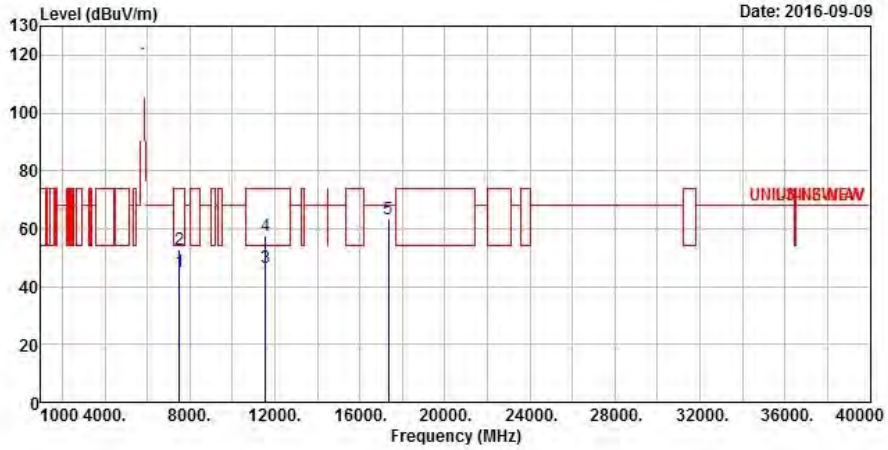
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	H



	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	7500.000	49.11	-4.89	54.00	40.28	36.60	7.67	35.44	Average
2	7500.000	55.36	-18.64	74.00	46.53	36.60	7.67	35.44	Peak
3	11490.000	50.75	-3.25	54.00	36.19	40.10	9.74	35.28	Average
4	11490.000	59.75	-14.25	74.00	45.19	40.10	9.74	35.28	Peak
5	17235.000	63.67	-4.53	68.20	45.78	41.05	11.93	35.09	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.

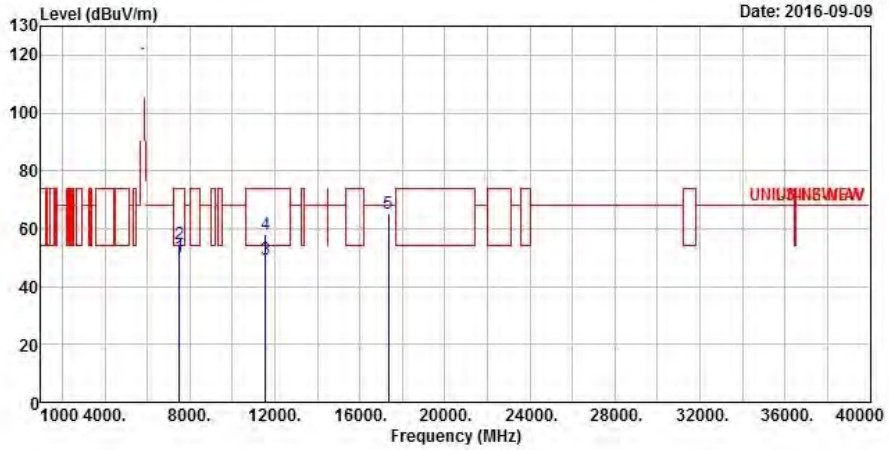
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	V



	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	7500.000	45.25	-8.75	54.00	36.42	36.60	7.67	35.44	Average
2	7500.000	53.00	-21.00	74.00	44.17	36.60	7.67	35.44	Peak
3	11570.000	46.70	-7.30	54.00	32.29	39.93	9.79	35.31	Average
4	11570.000	57.72	-16.28	74.00	43.31	39.93	9.79	35.31	Peak
5	17355.000	63.29	-4.91	68.20	45.07	41.44	11.92	35.14	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.

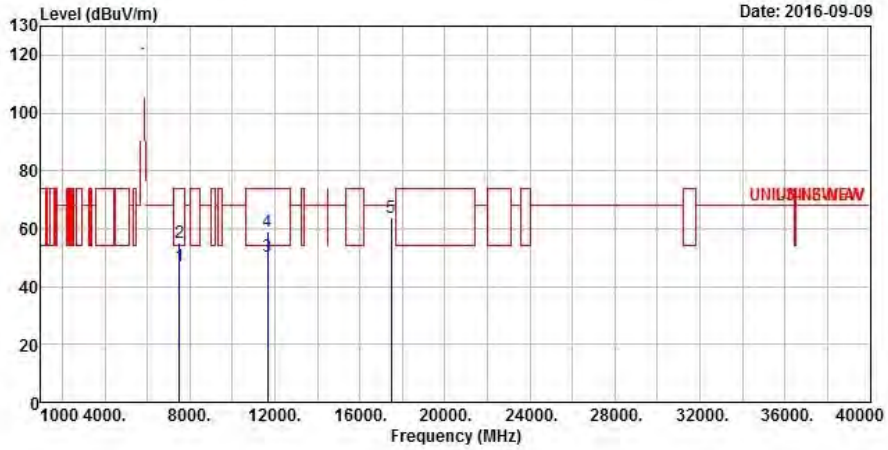
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	H



	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	7500.000	50.39	-3.61	54.00	41.56	36.60	7.67	35.44	Average
2	7500.000	54.56	-19.44	74.00	45.73	36.60	7.67	35.44	Peak
3	11570.000	49.64	-4.36	54.00	35.23	39.93	9.79	35.31	Average
4	11570.000	58.15	-15.85	74.00	43.74	39.93	9.79	35.31	Peak
5	17355.000	65.31	-2.89	68.20	47.09	41.44	11.92	35.14	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.

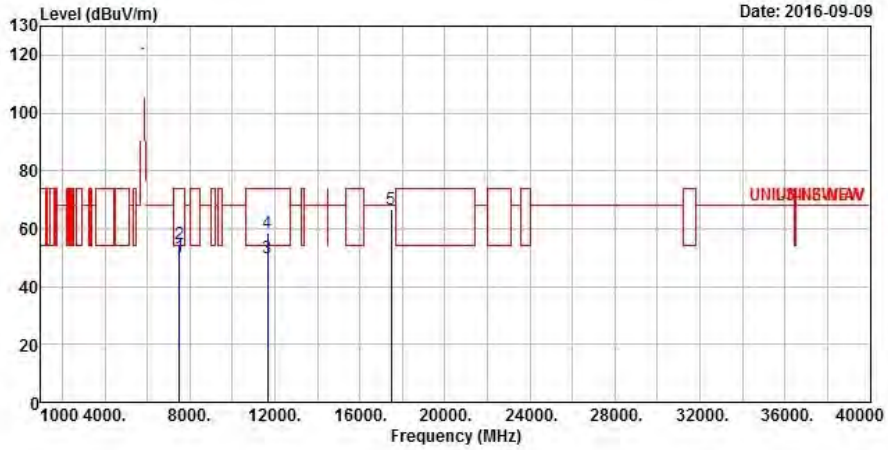
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	V



	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	7500.000	47.03	-6.97	54.00	38.20	36.60	7.67	35.44	Average
2	7500.000	55.28	-18.72	74.00	46.45	36.60	7.67	35.44	Peak
3	11650.000	50.49	-3.51	54.00	36.25	39.74	9.84	35.34	Average
4	11650.000	59.04	-14.96	74.00	44.80	39.74	9.84	35.34	Peak
5	17475.000	63.64	-4.56	68.20	45.10	41.82	11.90	35.18	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.

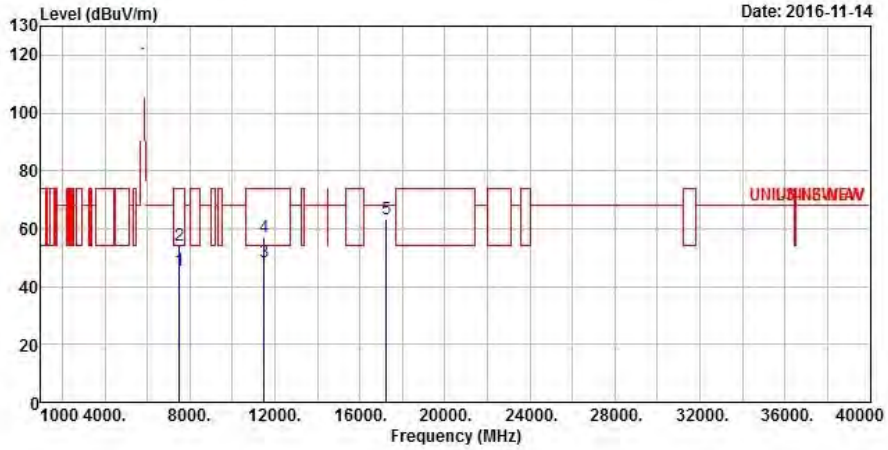
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11a	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	H



	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	7500.000	50.57	-3.43	54.00	41.74	36.60	7.67	35.44	Average
2	7500.000	54.76	-19.24	74.00	45.93	36.60	7.67	35.44	Peak
3	11650.000	49.84	-4.16	54.00	35.60	39.74	9.84	35.34	Average
4	11650.000	58.74	-15.26	74.00	44.50	39.74	9.84	35.34	Peak
5	17475.000	66.44	-1.76	68.20	47.90	41.82	11.90	35.18	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.

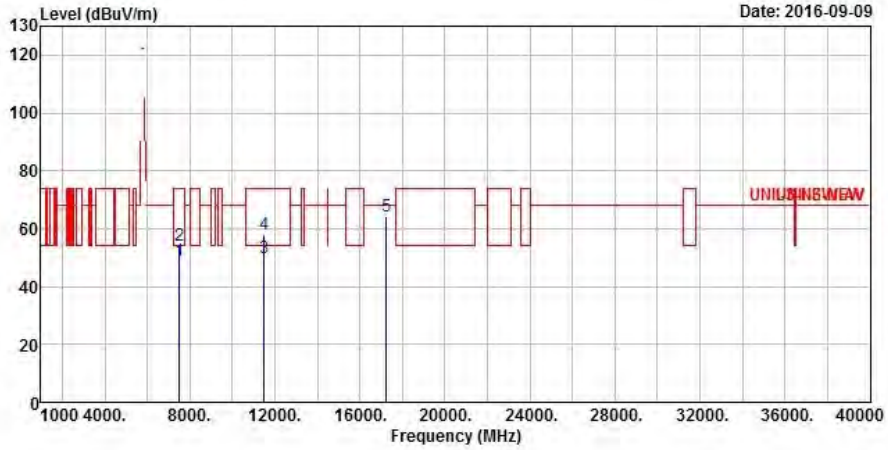
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	V



	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	7500.000	45.64	-8.36	54.00	36.81	36.60	7.67	35.44	Average
2	7500.000	54.22	-19.78	74.00	45.39	36.60	7.67	35.44	Peak
3	11490.000	48.46	-5.54	54.00	33.90	40.10	9.74	35.28	Average
4	11490.000	56.86	-17.14	74.00	42.30	40.10	9.74	35.28	Peak
5	17235.000	63.14	-5.06	68.20	45.15	41.18	11.92	35.11	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.

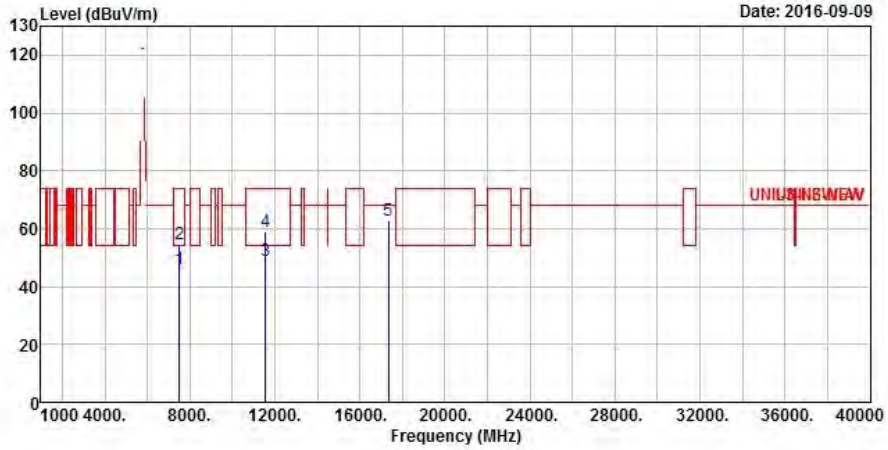
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	H



	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	7500.000	48.95	-5.05	54.00	40.12	36.60	7.67	35.44	Average
2	7500.000	54.44	-19.56	74.00	45.61	36.60	7.67	35.44	Peak
3	11490.000	49.77	-4.23	54.00	35.21	40.10	9.74	35.28	Average
4	11490.000	58.13	-15.87	74.00	43.57	40.10	9.74	35.28	Peak
5	17235.000	64.18	-4.02	68.20	46.29	41.05	11.93	35.09	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.

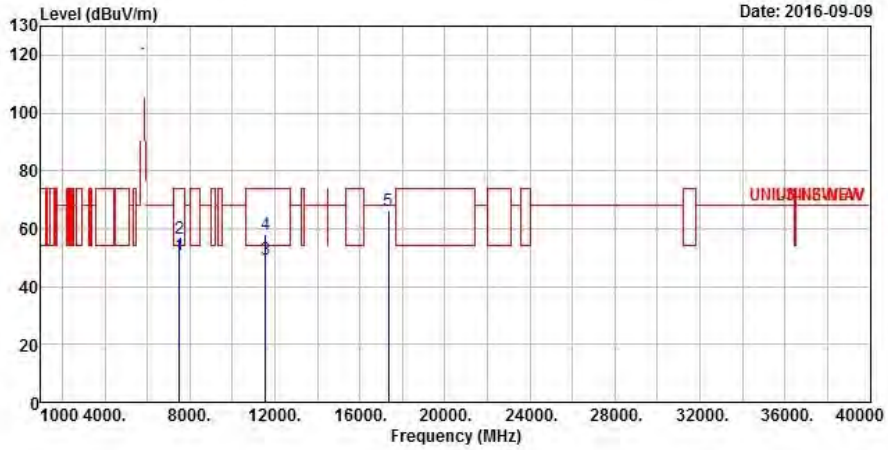
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	V



	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	7500.000	46.02	-7.98	54.00	37.19	36.60	7.67	35.44	Average
2	7500.000	54.65	-19.35	74.00	45.82	36.60	7.67	35.44	Peak
3	11570.000	48.82	-5.18	54.00	34.41	39.93	9.79	35.31	Average
4	11570.000	59.10	-14.90	74.00	44.69	39.93	9.79	35.31	Peak
5	17355.000	63.01	-5.19	68.20	44.79	41.44	11.92	35.14	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.

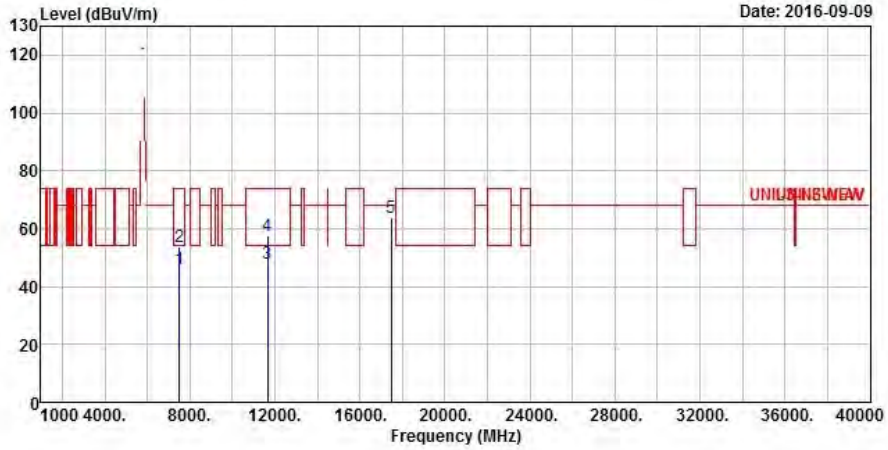
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	H



	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	7500.000	50.62	-3.38	54.00	41.79	36.60	7.67	35.44	Average
2	7500.000	56.52	-17.48	74.00	47.69	36.60	7.67	35.44	Peak
3	11570.000	49.56	-4.44	54.00	35.15	39.93	9.79	35.31	Average
4	11570.000	58.08	-15.92	74.00	43.67	39.93	9.79	35.31	Peak
5	17355.000	66.01	-2.19	68.20	47.79	41.44	11.92	35.14	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.

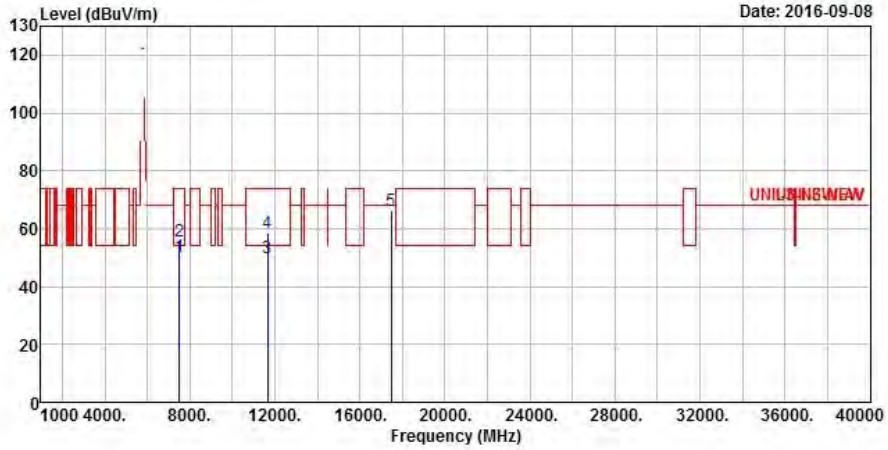
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	V



	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	7500.000	45.88	-8.12	54.00	37.05	36.60	7.67	35.44	Average
2	7500.000	53.62	-20.38	74.00	44.79	36.60	7.67	35.44	Peak
3	11650.000	47.83	-6.17	54.00	33.59	39.74	9.84	35.34	Average
4	11650.000	57.50	-16.50	74.00	43.26	39.74	9.84	35.34	Peak
5	17475.000	63.83	-4.37	68.20	45.29	41.82	11.90	35.18	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.

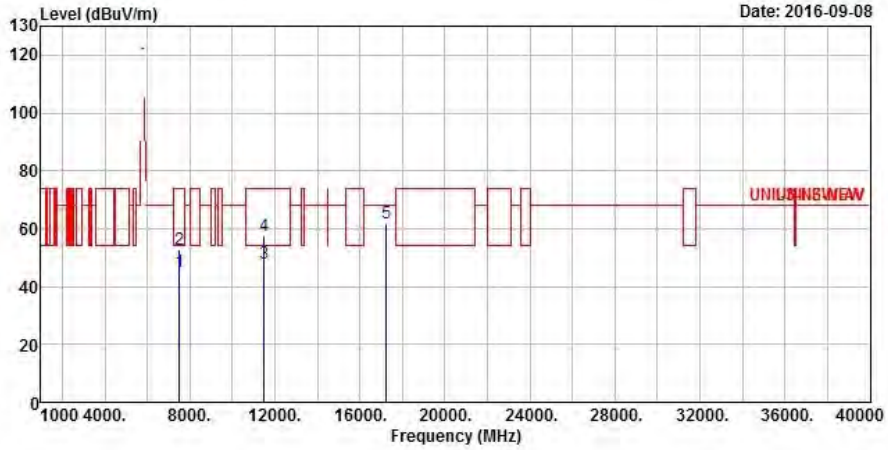
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	H



	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	7500.000	50.23	-3.77	54.00	41.40	36.60	7.67	35.44	Average
2	7500.000	55.73	-18.27	74.00	46.90	36.60	7.67	35.44	Peak
3	11650.000	49.94	-4.06	54.00	35.70	39.74	9.84	35.34	Average
4	11650.000	58.74	-15.26	74.00	44.50	39.74	9.84	35.34	Peak
5	17475.000	66.14	-2.06	68.20	47.60	41.82	11.90	35.18	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.

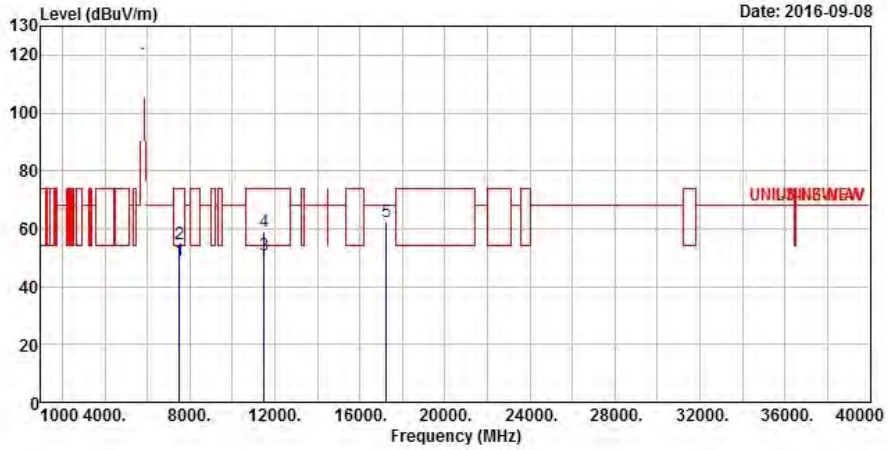
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Polarization**	V



	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	7500.000	44.95	-9.05	54.00	36.12	36.60	7.67	35.44	Average
2	7500.000	52.75	-21.25	74.00	43.92	36.60	7.67	35.44	Peak
3	11510.000	47.76	-6.24	54.00	33.22	40.08	9.74	35.28	Average
4	11510.000	57.71	-16.29	74.00	43.17	40.08	9.74	35.28	Peak
5	17265.000	61.95	-6.25	68.20	43.99	41.15	11.92	35.11	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.

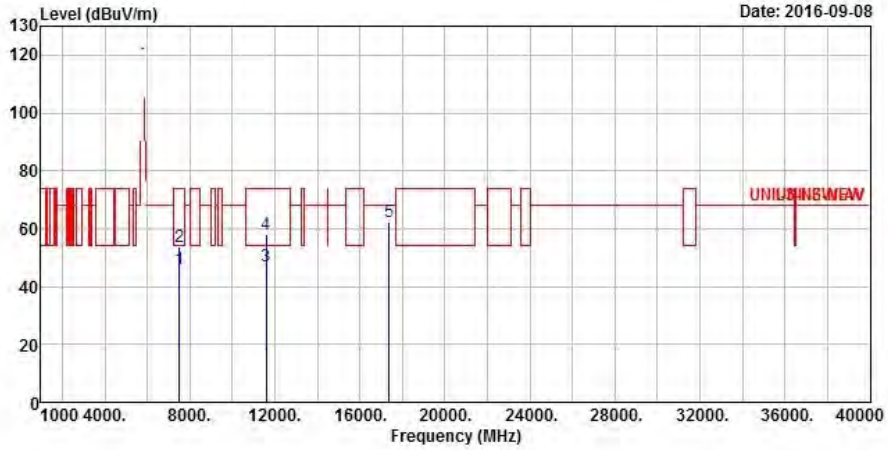
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Polarization**	H



	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	7500.000	49.03	-4.97	54.00	40.20	36.60	7.67	35.44	Average
2	7500.000	54.74	-19.26	74.00	45.91	36.60	7.67	35.44	Peak
3	11510.000	50.74	-3.26	54.00	36.20	40.08	9.74	35.28	Average
4	11510.000	58.84	-15.16	74.00	44.30	40.08	9.74	35.28	Peak
5	17265.000	62.55	-5.65	68.20	44.59	41.15	11.92	35.11	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.

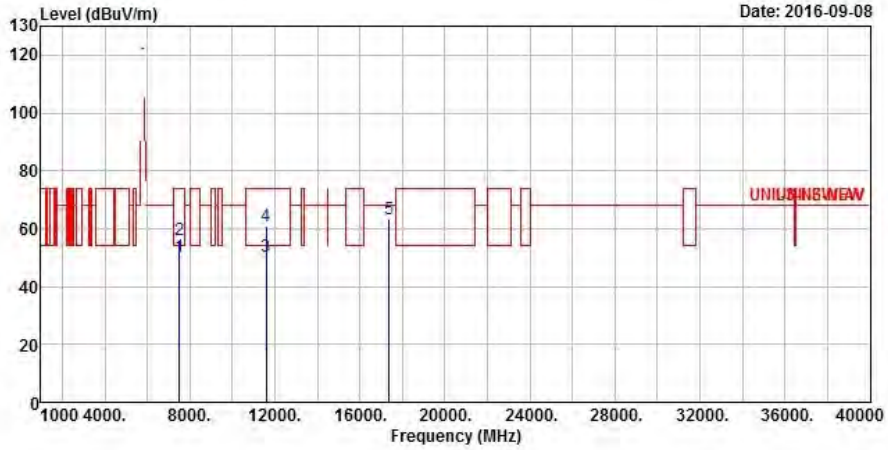
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Polarization**	V



	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	7500.000	46.24	-7.76	54.00	37.41	36.60	7.67	35.44	Average
2	7500.000	53.95	-20.05	74.00	45.12	36.60	7.67	35.44	Peak
3	11590.000	46.97	-7.03	54.00	32.59	39.88	9.82	35.32	Average
4	11590.000	57.96	-16.04	74.00	43.58	39.88	9.82	35.32	Peak
5	17385.000	62.41	-5.79	68.20	44.12	41.53	11.91	35.15	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.

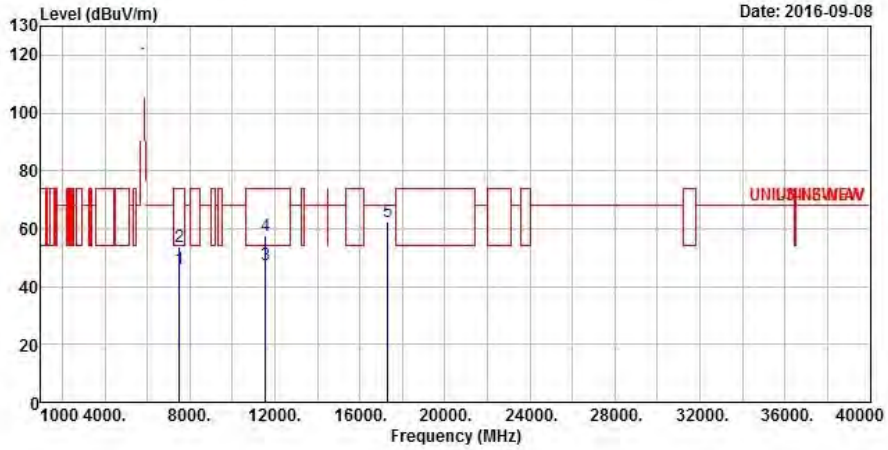
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Polarization**	H



	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	7500.000	50.13	-3.87	54.00	41.30	36.60	7.67	35.44	Average
2	7500.000	56.01	-17.99	74.00	47.18	36.60	7.67	35.44	Peak
3	11590.000	50.41	-3.59	54.00	36.03	39.88	9.82	35.32	Average
4	11590.000	60.93	-13.07	74.00	46.55	39.88	9.82	35.32	Peak
5	17385.000	63.12	-5.08	68.20	44.83	41.53	11.91	35.15	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.

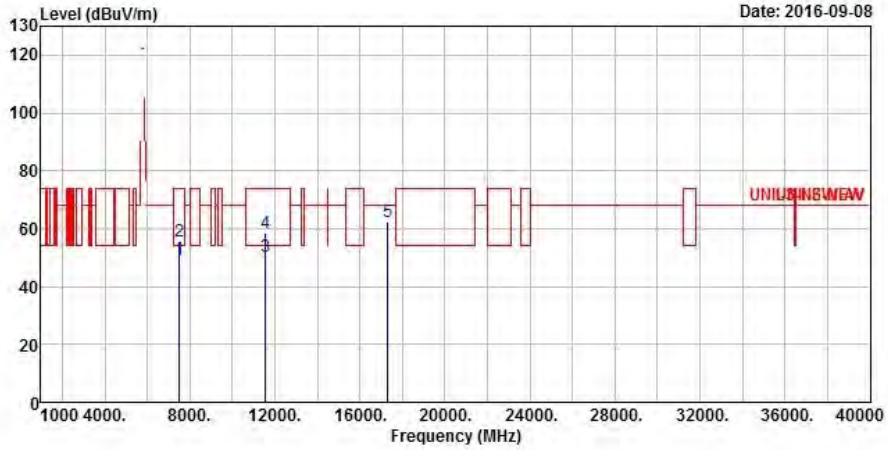
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Polarization**	V



	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	7500.000	45.86	-8.14	54.00	37.03	36.60	7.67	35.44	Average
2	7500.000	53.66	-20.34	74.00	44.83	36.60	7.67	35.44	Peak
3	11550.000	47.35	-6.65	54.00	32.88	39.98	9.79	35.30	Average
4	11550.000	57.68	-16.32	74.00	43.21	39.98	9.79	35.30	Peak
5	17325.000	62.48	-5.72	68.20	44.35	41.34	11.92	35.13	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	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Polarization**	H

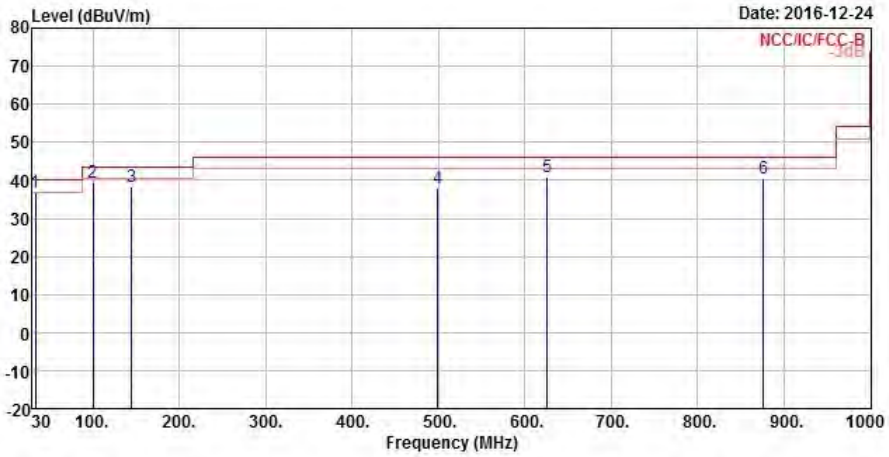


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7500.000	49.63	-4.37	54.00	40.80	36.60	7.67	35.44	Average
2	7500.000	55.56	-18.44	74.00	46.73	36.60	7.67	35.44	Peak
3	11550.000	50.32	-3.68	54.00	35.85	39.98	9.79	35.30	Average
4	11550.000	58.70	-15.30	74.00	44.23	39.98	9.79	35.30	Peak
5	17325.000	62.27	-5.93	68.20	44.14	41.34	11.92	35.13	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 (Below 1GHz)

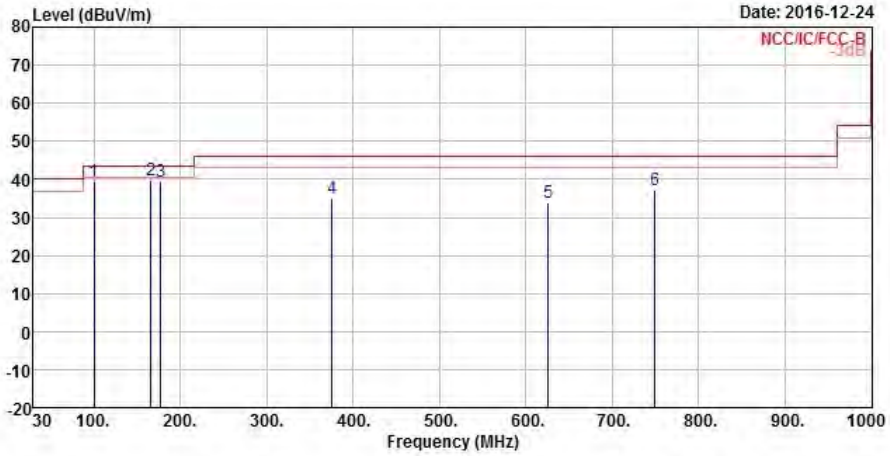
Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	V
Operating Function	UPS Mode		



	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	33.880	36.97	-3.03	40.00	53.09	20.91	0.34	37.37	QP
2	99.840	39.45	-4.05	43.50	60.88	14.83	0.56	36.82	Peak
3	144.460	38.36	-5.14	43.50	58.04	16.28	0.67	36.63	Peak
4	499.480	38.03	-7.97	46.00	50.90	22.82	1.29	36.98	Peak
5	625.580	40.87	-5.13	46.00	51.60	25.16	1.44	37.33	Peak
6	875.840	40.62	-5.38	46.00	48.81	27.70	1.76	37.65	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.

Transmitter Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	2	**Polarization**	H
Operating Function	UPS Mode		

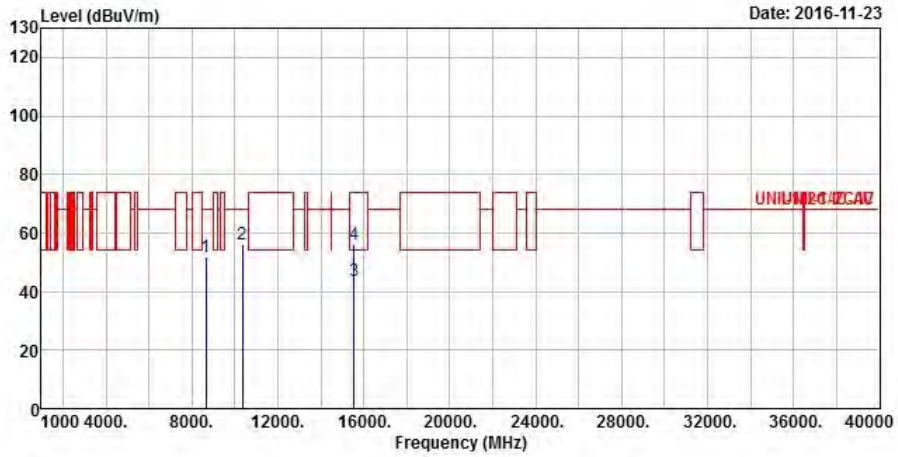


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	99.840	39.27	-4.23	43.50	60.70	14.83	0.56	36.82	Peak
2	165.800	39.65	-3.85	43.50	60.52	14.95	0.72	36.54	Peak
3	177.440	39.58	-3.92	43.50	61.25	14.08	0.74	36.49	Peak
4	375.320	34.80	-11.20	46.00	50.36	19.96	1.08	36.60	Peak
5	625.580	34.01	-11.99	46.00	44.74	25.16	1.44	37.33	Peak
6	749.740	37.37	-8.63	46.00	46.53	26.76	1.60	37.52	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.

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

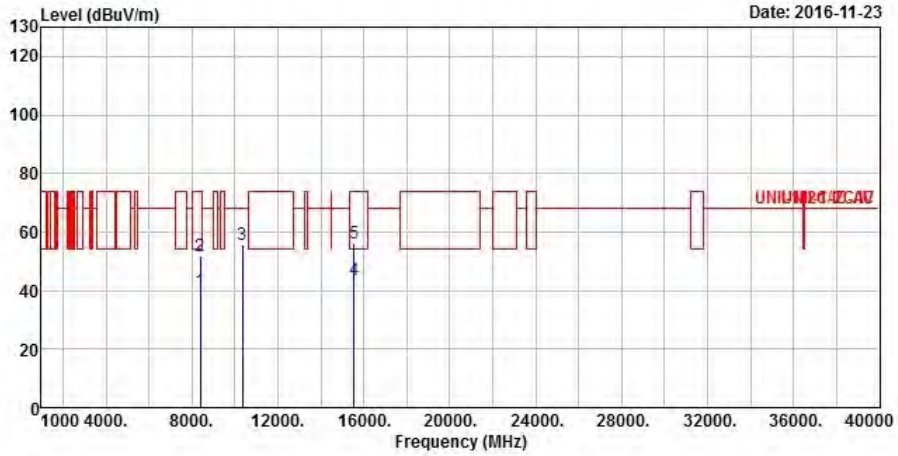
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	V



	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	8644.000	51.94	-16.26	68.20	42.39	36.97	8.28	35.70	Peak
2	10360.000	56.25	-11.95	68.20	42.97	39.48	9.41	35.61	Peak
3	15540.000	43.72	-10.28	54.00	29.40	38.41	11.54	35.63	Average
4	15540.000	56.36	-17.64	74.00	42.04	38.41	11.54	35.63	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.

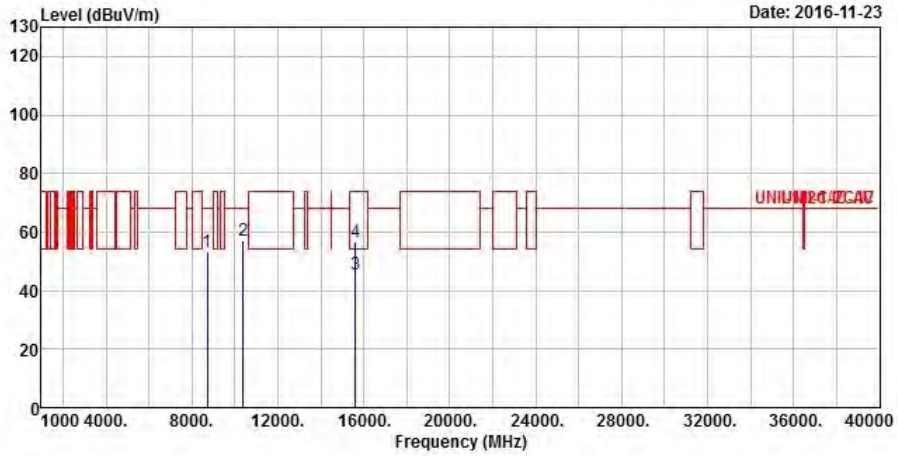
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5180
N_{TX}	4	**Polarization**	H



	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	8384.000	39.72	-14.28	54.00	30.30	36.89	8.20	35.67	Average
2	8384.000	51.72	-22.28	74.00	42.30	36.89	8.20	35.67	Peak
3	10360.000	55.71	-12.49	68.20	42.43	39.48	9.41	35.61	Peak
4	15540.000	43.74	-10.26	54.00	29.42	38.41	11.54	35.63	Average
5	15540.000	55.96	-18.04	74.00	41.64	38.41	11.54	35.63	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.

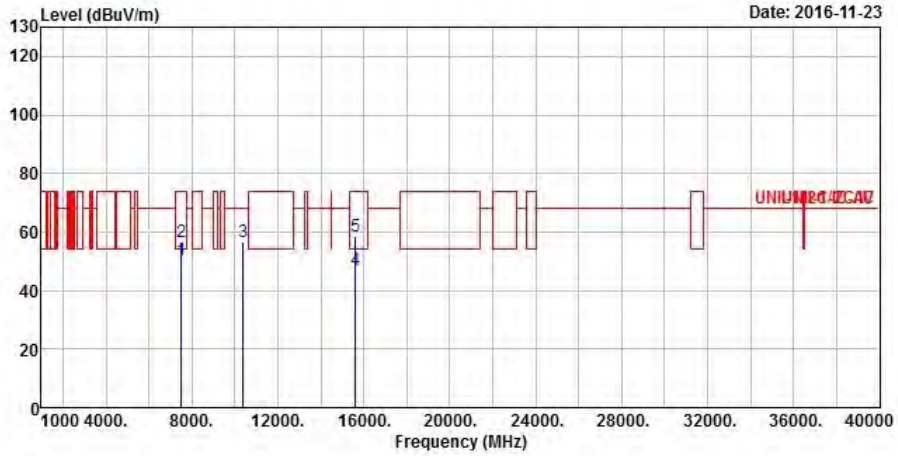
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	V



	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	8724.000	53.08	-15.12	68.20	43.43	37.07	8.29	35.71	Peak
2	10400.000	57.21	-10.99	68.20	43.81	39.54	9.44	35.58	Peak
3	15600.000	45.39	-8.61	54.00	31.28	38.28	11.50	35.67	Average
4	15600.000	56.71	-17.29	74.00	42.60	38.28	11.50	35.67	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.

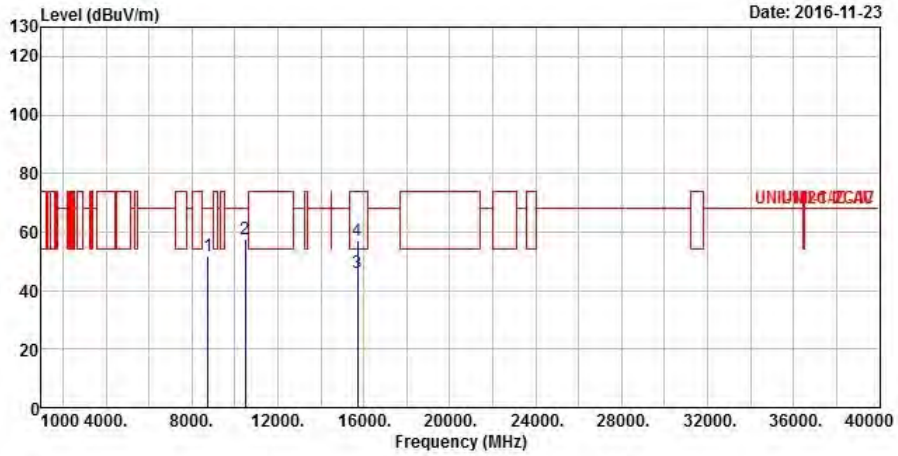
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5200
N_{TX}	4	**Polarization**	H



	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	7500.000	50.17	-3.83	54.00	41.34	36.60	7.67	35.44	Average
2	7500.000	56.53	-17.47	74.00	47.70	36.60	7.67	35.44	Peak
3	10400.000	56.48	-11.72	68.20	43.08	39.54	9.44	35.58	Peak
4	15600.000	46.83	-7.17	54.00	32.72	38.28	11.50	35.67	Average
5	15600.000	58.57	-15.43	74.00	44.46	38.28	11.50	35.67	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.

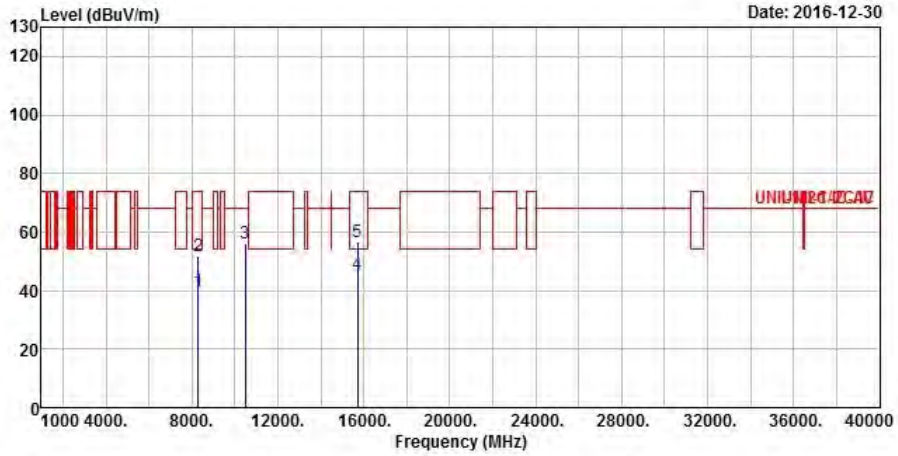
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	V



	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	8752.000	52.03	-16.17	68.20	42.36	37.10	8.29	35.72	Peak
2	10480.000	57.80	-10.40	68.20	44.15	39.67	9.48	35.50	Peak
3	15720.000	46.24	-7.76	54.00	32.55	38.02	11.40	35.73	Average
4	15720.000	56.98	-17.02	74.00	43.29	38.02	11.40	35.73	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.

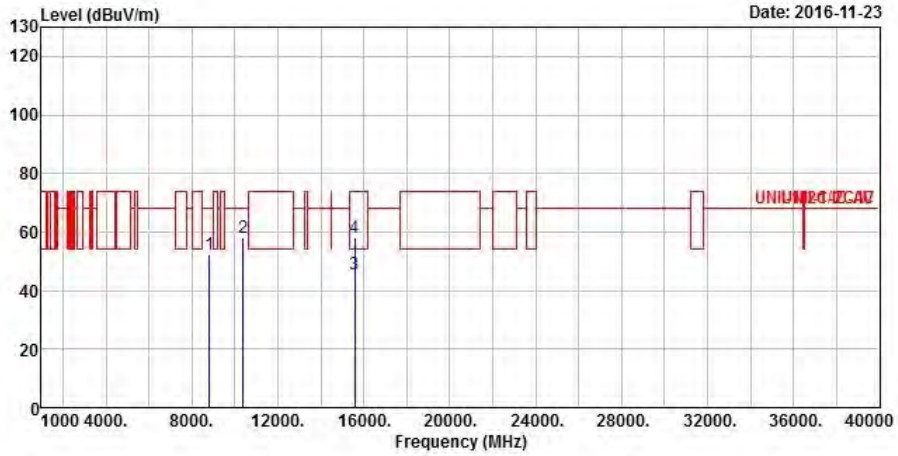
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5240
N_{TX}	4	**Polarization**	H



	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	8312.000	39.86	-14.14	54.00	30.41	36.95	8.16	35.66	Average
2	8312.000	51.66	-22.34	74.00	42.21	36.95	8.16	35.66	Peak
3	10480.000	55.95	-12.25	68.20	42.30	39.67	9.48	35.50	Peak
4	15720.000	45.71	-8.29	54.00	32.02	38.02	11.40	35.73	Average
5	15720.000	56.44	-17.56	74.00	42.75	38.02	11.40	35.73	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.

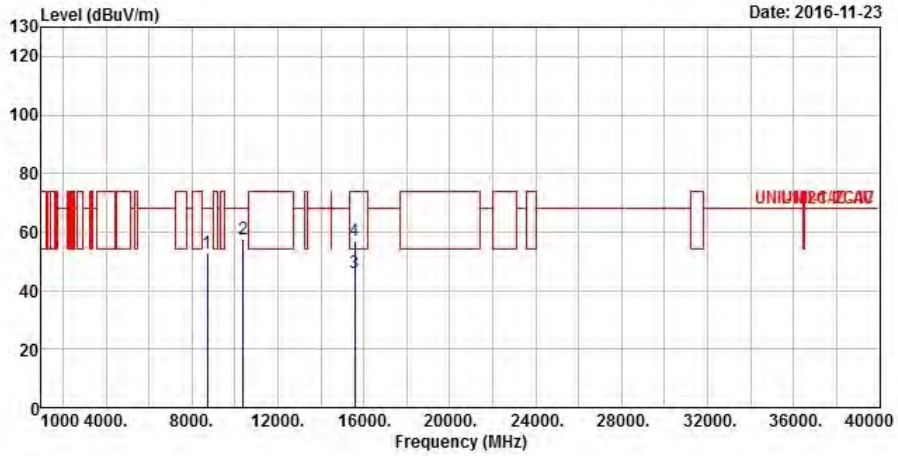
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Polarization**	V



	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	8816.000	52.39	-15.81	68.20	42.64	37.18	8.29	35.72	Peak
2	10380.000	57.90	-10.30	68.20	44.55	39.51	9.44	35.60	Peak
3	15570.000	45.76	-8.24	54.00	31.56	38.35	11.50	35.65	Average
4	15570.000	57.95	-16.05	74.00	43.75	38.35	11.50	35.65	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.

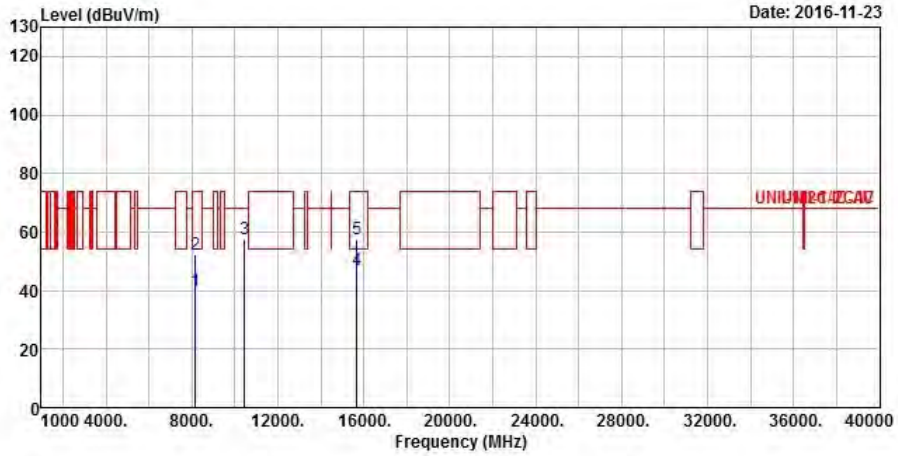
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5190
N_{TX}	4	**Polarization**	H



	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	8736.000	52.84	-15.36	68.20	43.18	37.08	8.29	35.71	Peak
2	10380.000	57.69	-10.51	68.20	44.34	39.51	9.44	35.60	Peak
3	15570.000	45.87	-8.13	54.00	31.67	38.35	11.50	35.65	Average
4	15570.000	57.23	-16.77	74.00	43.03	38.35	11.50	35.65	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.

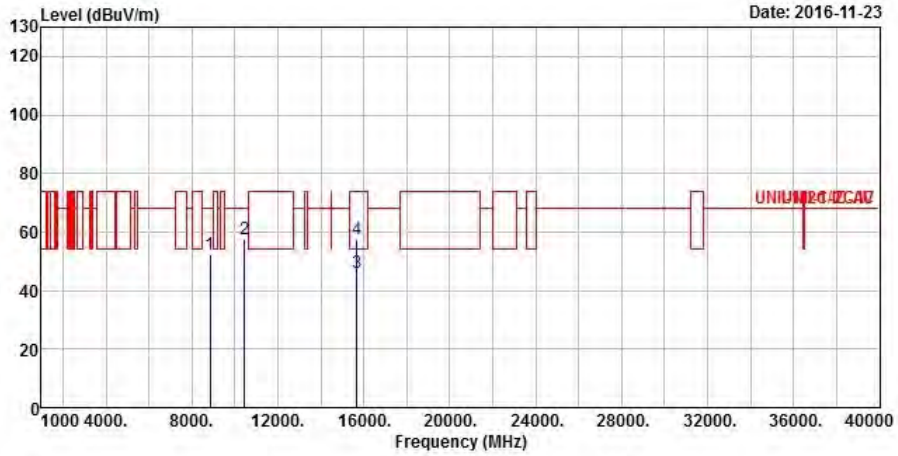
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Polarization**	V



	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	8166.000	39.86	-14.14	54.00	30.35	37.07	8.09	35.65	Average
2	8166.000	52.49	-21.51	74.00	42.98	37.07	8.09	35.65	Peak
3	10460.000	57.69	-10.51	68.20	44.09	39.64	9.48	35.52	Peak
4	15690.000	47.12	-6.88	54.00	33.36	38.08	11.40	35.72	Average
5	15690.000	57.55	-16.45	74.00	43.79	38.08	11.40	35.72	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.

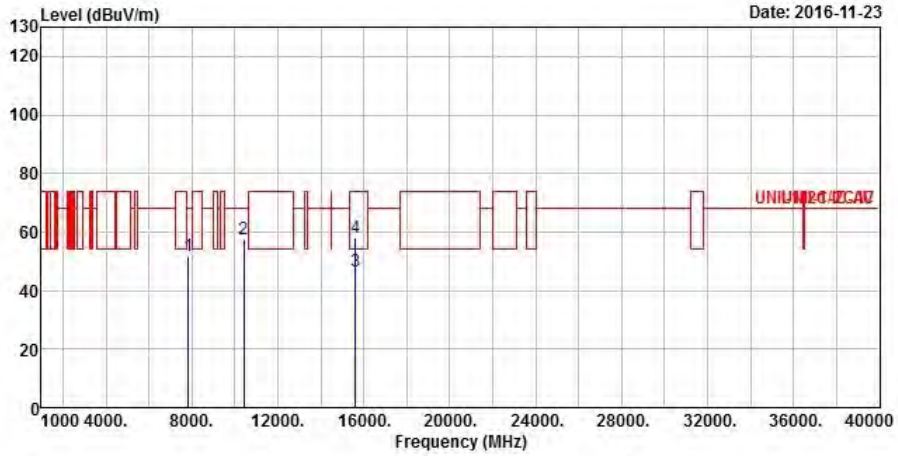
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5230
N_{TX}	4	**Polarization**	H



	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	8845.000	52.45	-15.75	68.20	42.67	37.21	8.30	35.73	Peak
2	10460.000	57.46	-10.74	68.20	43.86	39.64	9.48	35.52	Peak
3	15690.000	46.19	-7.81	54.00	32.43	38.08	11.40	35.72	Average
4	15690.000	57.68	-16.32	74.00	43.92	38.08	11.40	35.72	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.

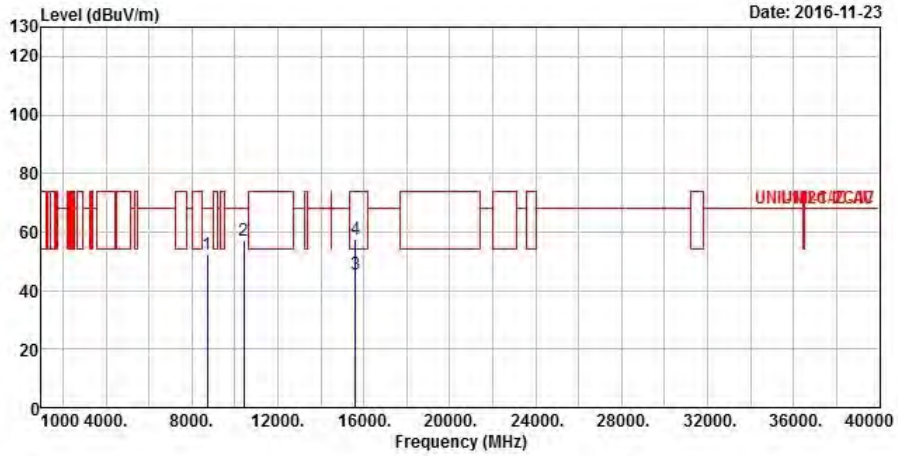
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Polarization**	V



	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	7837.000	51.90	-16.30	68.20	42.59	37.00	7.88	35.57	Peak
2	10420.000	57.73	-10.47	68.20	44.26	39.57	9.46	35.56	Peak
3	15630.000	46.57	-7.43	54.00	32.57	38.21	11.47	35.68	Average
4	15630.000	58.13	-15.87	74.00	44.13	38.21	11.47	35.68	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	VHT80	**Test Freq. (MHz)**	5210
N_{TX}	4	**Polarization**	H

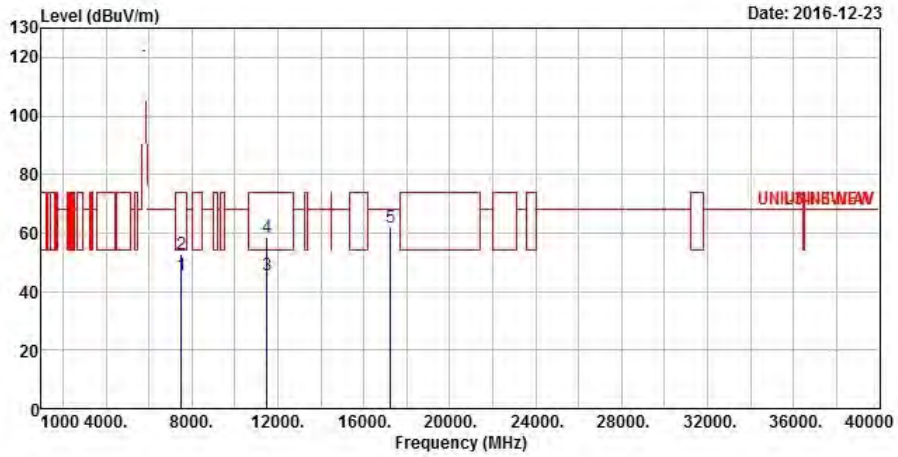


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	8718.000	52.08	-16.12	68.20	42.44	37.06	8.29	35.71	Peak
2	10420.000	57.14	-11.06	68.20	43.67	39.57	9.46	35.56	Peak
3	15630.000	45.80	-8.20	54.00	31.80	38.21	11.47	35.68	Average
4	15630.000	57.51	-16.49	74.00	43.51	38.21	11.47	35.68	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) for 5725-5850MHz

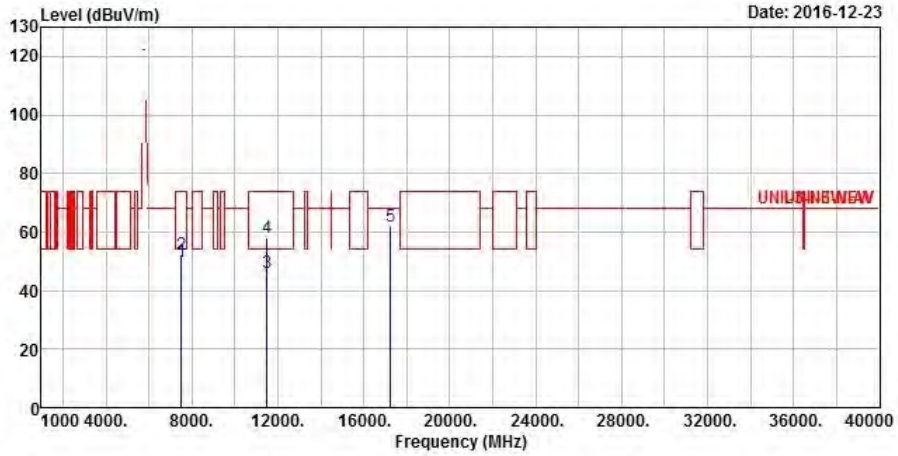
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	V



	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	7500.000	45.35	-8.65	54.00	36.52	36.60	7.67	35.44	Average
2	7500.000	52.81	-21.19	74.00	43.98	36.60	7.67	35.44	Peak
3	11490.000	45.80	-8.20	54.00	31.24	40.10	9.74	35.28	Average
4	11490.000	58.29	-15.71	74.00	43.73	40.10	9.74	35.28	Peak
5	17235.000	61.68	-6.52	68.20	43.79	41.05	11.93	35.09	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.

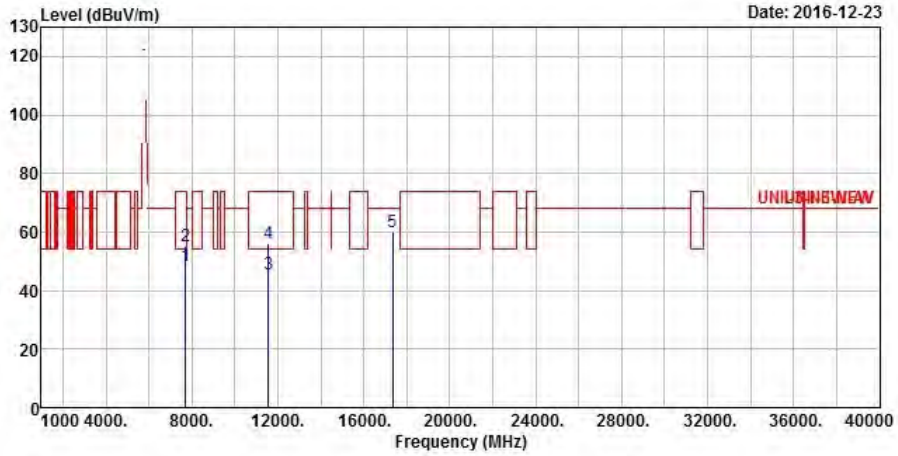
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5745
N_{TX}	4	**Polarization**	H



	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	7500.000	50.07	-3.93	54.00	41.24	36.60	7.67	35.44	Average
2	7500.000	52.49	-21.51	74.00	43.66	36.60	7.67	35.44	Peak
3	11490.000	46.18	-7.82	54.00	31.62	40.10	9.74	35.28	Average
4	11490.000	57.81	-16.19	74.00	43.25	40.10	9.74	35.28	Peak
5	17235.000	61.64	-6.56	68.20	43.75	41.05	11.93	35.09	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.

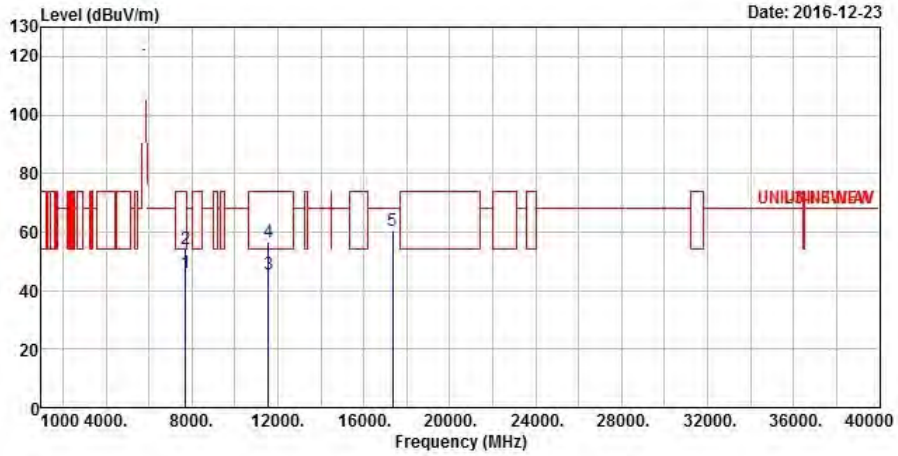
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	V



	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	7713.000	48.33	-5.67	54.00	39.19	36.86	7.80	35.52	Average
2	7713.000	55.00	-19.00	74.00	45.86	36.86	7.80	35.52	Peak
3	11570.000	45.54	-8.46	54.00	31.13	39.93	9.79	35.31	Average
4	11570.000	55.95	-18.05	74.00	41.54	39.93	9.79	35.31	Peak
5	17355.000	59.94	-8.26	68.20	41.72	41.44	11.92	35.14	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.

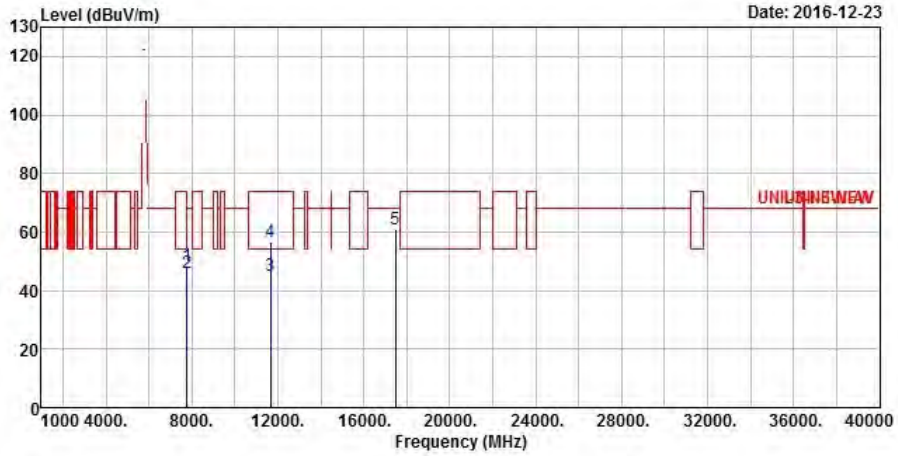
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5785
N_{TX}	4	**Polarization**	H



	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	7713.000	46.04	-7.96	54.00	36.90	36.86	7.80	35.52	Average
2	7713.000	54.40	-19.60	74.00	45.26	36.86	7.80	35.52	Peak
3	11570.000	45.39	-8.61	54.00	30.98	39.93	9.79	35.31	Average
4	11570.000	56.44	-17.56	74.00	42.03	39.93	9.79	35.31	Peak
5	17355.000	60.45	-7.75	68.20	42.23	41.44	11.92	35.14	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.

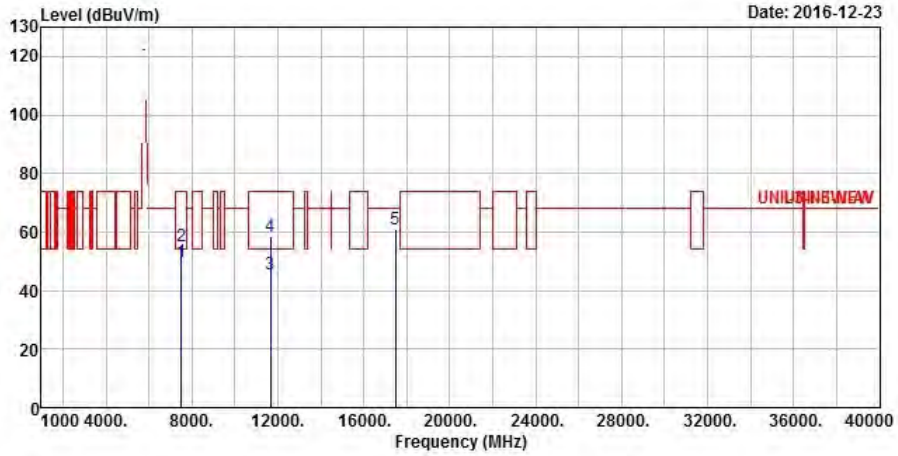
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	V



	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	7766.000	48.21	-19.99	68.20	39.01	36.92	7.82	35.54	Average
2	7766.000	45.83	-22.37	68.20	36.63	36.92	7.82	35.54	Peak
3	11650.000	45.17	-8.83	54.00	30.93	39.74	9.84	35.34	Average
4	11650.000	56.74	-17.26	74.00	42.50	39.74	9.84	35.34	Peak
5	17475.000	61.04	-7.16	68.20	42.50	41.82	11.90	35.18	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.

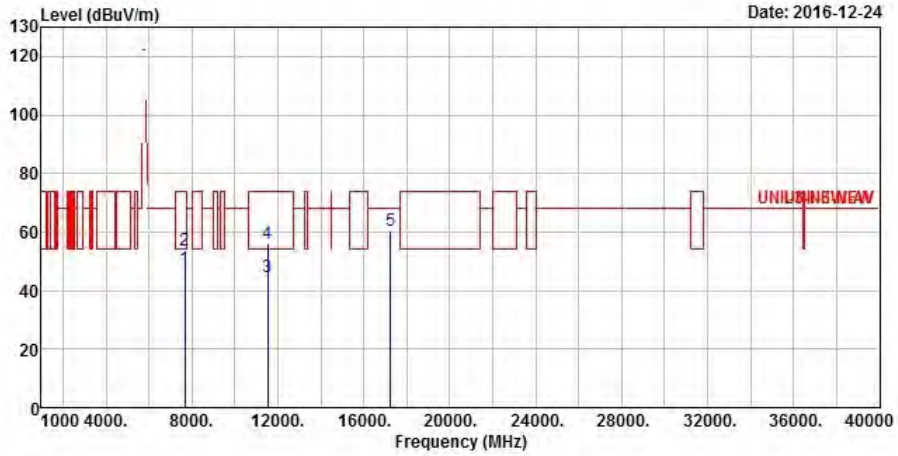
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT20	**Test Freq. (MHz)**	5825
N_{TX}	4	**Polarization**	H



	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	7500.000	49.82	-4.18	54.00	40.99	36.60	7.67	35.44	Average
2	7500.000	55.03	-18.97	74.00	46.20	36.60	7.67	35.44	Peak
3	11650.000	45.49	-8.51	54.00	31.25	39.74	9.84	35.34	Average
4	11650.000	58.34	-15.66	74.00	44.10	39.74	9.84	35.34	Peak
5	17475.000	60.87	-7.33	68.20	42.33	41.82	11.90	35.18	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.

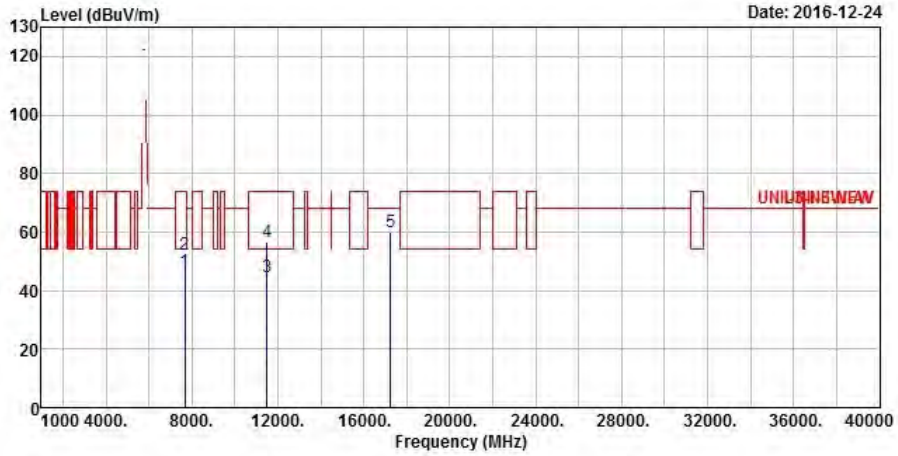
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Polarization**	V



	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	7673.000	47.61	-6.39	54.00	38.54	36.81	7.77	35.51	Average
2	7673.000	53.68	-20.32	74.00	44.61	36.81	7.77	35.51	Peak
3	11540.000	44.59	-9.41	54.00	30.12	40.00	9.77	35.30	Average
4	11540.000	56.33	-17.67	74.00	41.86	40.00	9.77	35.30	Peak
5	17265.000	60.34	-7.86	68.20	42.38	41.15	11.92	35.11	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.

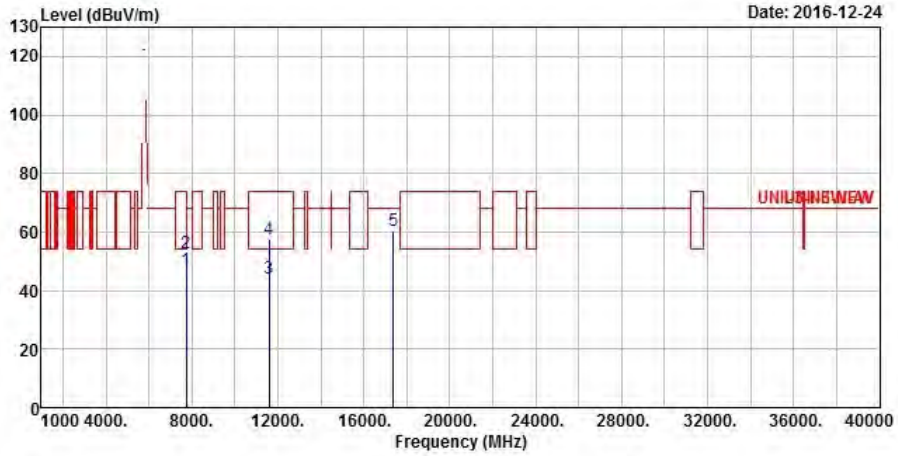
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5755
N_{TX}	4	**Polarization**	H



	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	7673.000	46.43	-7.57	54.00	37.36	36.81	7.77	35.51	Average
2	7673.000	52.18	-21.82	74.00	43.11	36.81	7.77	35.51	Peak
3	11510.000	44.53	-9.47	54.00	29.99	40.08	9.74	35.28	Average
4	11510.000	56.53	-17.47	74.00	41.99	40.08	9.74	35.28	Peak
5	17265.000	59.97	-8.23	68.20	42.01	41.15	11.92	35.11	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.

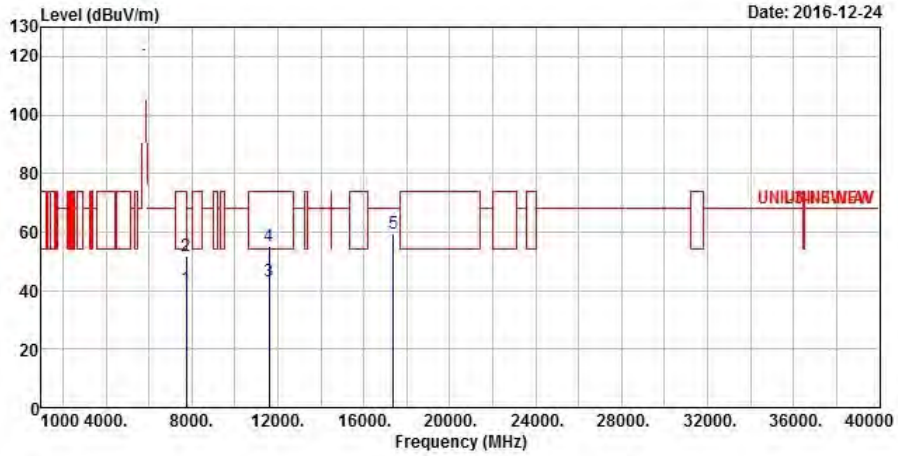
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Polarization**	V



	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	7726.000	47.02	-6.98	54.00	37.88	36.87	7.80	35.53	Average
2	7726.000	52.94	-21.06	74.00	43.80	36.87	7.80	35.53	Peak
3	11590.000	44.18	-9.82	54.00	29.80	39.88	9.82	35.32	Average
4	11590.000	57.38	-16.62	74.00	43.00	39.88	9.82	35.32	Peak
5	17385.000	60.29	-7.91	68.20	42.00	41.53	11.91	35.15	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.

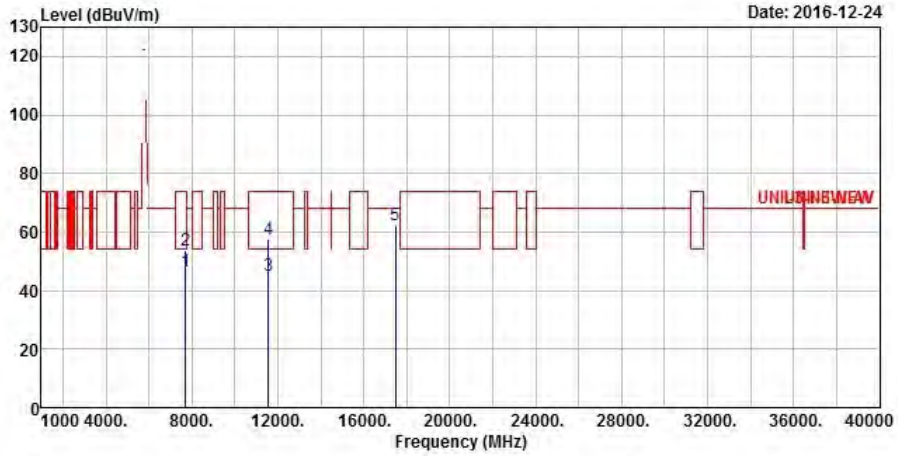
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT40	**Test Freq. (MHz)**	5795
N_{TX}	4	**Polarization**	H



	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	7726.000	40.94	-13.06	54.00	31.80	36.87	7.80	35.53	Average
2	7726.000	51.84	-22.16	74.00	42.70	36.87	7.80	35.53	Peak
3	11590.000	43.38	-10.62	54.00	29.00	39.88	9.82	35.32	Average
4	11590.000	55.38	-18.62	74.00	41.00	39.88	9.82	35.32	Peak
5	17385.000	59.29	-8.91	68.20	41.00	41.53	11.91	35.15	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.

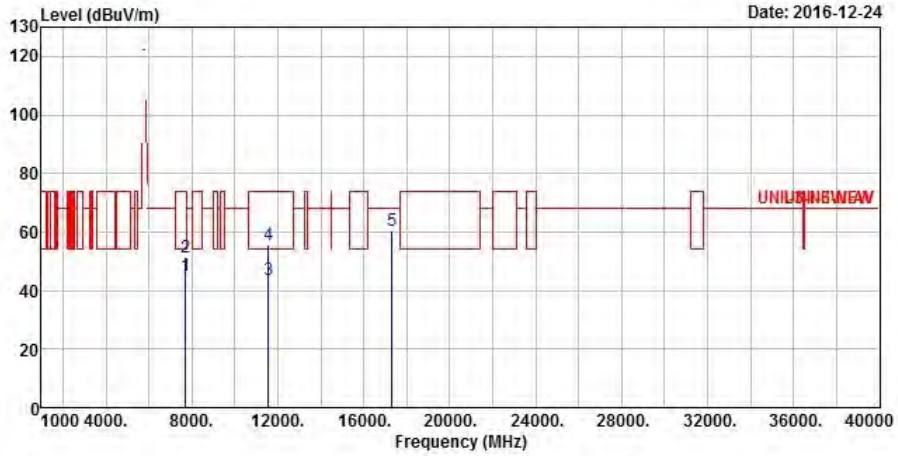
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**Polarization**	V



	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	7699.000	46.37	-7.63	54.00	37.25	36.84	7.80	35.52	Average
2	7699.000	53.90	-20.10	74.00	44.78	36.84	7.80	35.52	Peak
3	11550.000	45.17	-8.83	54.00	30.70	39.98	9.79	35.30	Average
4	11550.000	57.47	-16.53	74.00	43.00	39.98	9.79	35.30	Peak
5	17475.000	62.53	-5.67	68.20	43.99	41.82	11.90	35.18	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	VHT80	**Test Freq. (MHz)**	5775
N_{TX}	4	**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	7699.000	45.22	-8.78	54.00	36.10	36.84	7.80	35.52	Average
2	7699.000	51.12	-22.88	74.00	42.00	36.84	7.80	35.52	Peak
3	11550.000	43.47	-10.53	54.00	29.00	39.98	9.79	35.30	Average
4	11550.000	55.67	-18.33	74.00	41.20	39.98	9.79	35.30	Peak
5	17325.000	60.23	-7.97	68.20	42.10	41.34	11.92	35.13	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.

Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19995093G	NaN	NaN	9.437	20	1	5 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.199964G	NaN	NaN	6.923	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19996405G	NaN	NaN	6.913	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19996393G	NaN	NaN	6.937	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19996395G	NaN	NaN	6.932	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.199964G	NaN	NaN	6.922	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19996394G	NaN	NaN	6.934	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19996408G	NaN	NaN	6.909	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19996404G	NaN	NaN	6.915	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19996388G	NaN	NaN	6.945	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19996386G	NaN	NaN	6.949	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19996383G	NaN	NaN	6.956	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19996374G	NaN	NaN	6.973	20	1	10 min
5.2G;11a;20;1;4;5200;M;T50,VN	Pass	5.2G	5.19996122G	NaN	NaN	7.458	20	1	0 min
5.2G;11a;20;1;4;5200;M;T50,VN	Pass	5.2G	5.19996114G	NaN	NaN	7.473	20	1	2 min
5.2G;11a;20;1;4;5200;M;T50,VN	Pass	5.2G	5.19996107G	NaN	NaN	7.486	20	1	5 min
5.2G;11a;20;1;4;5200;M;T50,VN	Pass	5.2G	5.19996114G	NaN	NaN	7.474	20	1	10 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19995093G	NaN	NaN	9.436	20	1	0 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19995096G	NaN	NaN	9.431	20	1	2 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19995093G	NaN	NaN	9.437	20	1	5 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.199951G	NaN	NaN	9.422	20	1	10 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19995418G	NaN	NaN	8.812	20	1	0 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19995417G	NaN	NaN	8.814	20	1	2 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.1999542G	NaN	NaN	8.807	20	1	5 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19995412G	NaN	NaN	8.824	20	1	10 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19996379G	NaN	NaN	6.964	20	1	0 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19996376G	NaN	NaN	6.969	20	1	2 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19996372G	NaN	NaN	6.976	20	1	5 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19996385G	NaN	NaN	6.951	20	1	10 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19997706G	NaN	NaN	4.412	20	1	0 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19997704G	NaN	NaN	4.415	20	1	2 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.1999771G	NaN	NaN	4.403	20	1	5 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19997692G	NaN	NaN	4.439	20	1	10 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.19999751G	NaN	NaN	0.478	20	1	0 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.19999737G	NaN	NaN	0.505	20	1	2 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.19999752G	NaN	NaN	0.477	20	1	5 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.1999973G	NaN	NaN	0.518	20	1	10 min
5.2G;11a;20;1;4;5200;M;T-5,VN	Pass	5.2G	5.20000699G	NaN	NaN	1.344	20	1	0 min
5.2G;11a;20;1;4;5200;M;T-5,VN	Pass	5.2G	5.20000687G	NaN	NaN	1.322	20	1	2 min
5.2G;11a;20;1;4;5200;M;T-5,VN	Pass	5.2G	5.20000684G	NaN	NaN	1.315	20	1	5 min
5.2G;11a;20;1;4;5200;M;T-5,VN	Pass	5.2G	5.20000681G	NaN	NaN	1.31	20	1	10 min