FCC Test Report

Equipment	:	**AC1350 Wireless Dual Band Router**
Brand Name	:	**TP-LINK**
Model No.	:	**Archer C59**
FCC ID	:	**TE7C59**
Standard	:	**47 CFR FCC Part 15.247**
Frequency	:	**2400 MHz – 2483.5 MHz**
FCC Classification	:	**DTS**
Applicant / Manufacturer	:	**TP-LINK TECHNOLOGIES CO., LTD.** Building 24 (floors 1,3,4,5) and 28 (floors1-4) Central Science and Technology Park,Shennan Rd, Nanshan, Shenzhen,China

The product sample received on May 20, 2016 and completely tested on Oct. 24, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Reviewed by:

Kevin Liang / Assistant Manager

Testing Laboratory 1190

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Summary of Test Result

Conformance Test Specifications					
Report Clause	**Ref. Std. Clause**	**Description**	**Measured**	**Limit**	**Result**
1.1.2	15.203	Antenna Requirement	Antenna connector mechanism complied	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	[dBuV]: 0.16 MHz 36.36 (Margin 28.94dB) - QP 33.29 (Margin 22.01dB) - AV	FCC 15.207	Complied
3.2	15.247(a)	DTS Bandwidth	Refer as Appendix A	≥500kHz	Complied
3.3	15.247(b)	Fundamental Emission Output Power	Refer as Appendix B	Power [dBm]:30	Complied
3.4	15.247(e)	Power Spectral Density	Refer as Appendix C	PSD [dBm/3kHz]:8	Complied
3.5	15.247(d)	Test Result of Transmitter Radiated Bandedge Emissions	Non-Restricted Bands: 2399.892MHz: 32.89 dB Restricted Bands [dBuV/m at 3m]: 2389.200 MHz 63.76(Margin 10.24 dB) – PK [dBuV/m at 3m]: 2389.992 MHz 53.81 (Margin 0.19 dB) - AV	Non-Restricted Bands:> 30 dBc Bands: FCC 15.209	Complied
3.6	15.247(d)	Transmitter Radiated Unwanted Emissions	Restricted Bands [dBuV/m at 3m]:4874.000 MHz 51.50 (Margin 2.50dB) - AV 53.70 (Margin 20.30dB) - PK	Non-Restricted Bands:> 30 dBc Restricted Bands: FCC 15.209	Complied

Revision History

Report No.	Version	Description	Issued Date
FR651919AC	Rev. 01	Initial issue of report	Sep. 19, 2016
FR651919AC	Rev. 02	Update Appendix D. Bandedge Emissions in Restricted Frequency Bands for other channels	Oct. 26, 2016
FR651919AC	Rev. 03	Remove data as below: 20M : CH3, 4, 5, 7, 8, 9 / 40M : CH5, 7	Oct. 28, 2016

1 General Description

1.1 Information

1.1.1 RF General Information

Band	Mode	BWch (MHz)	Channel Number	Nss-Min	Nant
2.4G	11b	20	1-11[11]	1	3
2.4G	11g	20	1-11[11]	1	3
2.4G	HT20	20	1-11[11]	1,(M0-23)	3
2.4G	HT40	40	3-9[7]	1,(M0-23)	3

Note:
- 2.4G is the 2.4GHz Band (2.4-2.4835GHz).
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM 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. 2 means have 2 outputs for port 1 and port 2.

1.1.2 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	Gain (dBi)	Frequency Band
A	External	Dipole	2.89	2.4G
B	External	Dipole	2.89	2.4G
C	External	Dipole	3.34	2.4G

Note : also mark antenna port in the EP.

1.1.3 Type of EUT

Identify EUT	
EUT Serial Number	N/A
Presentation of Equipment	☒ Production ; ☐ Pre-Production ; ☐ Prototype

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

1.1.4 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)**
☒ 99.6% - IEEE 802.11b	0.02
☒ 97.5%- IEEE 802.11g	0.11
☒ 97.5%- IEEE 802.11n (HT20)	0.11
☒ 96.1%- IEEE 802.11n (HT40)	0.17

Mode	DC	T(s)	VBW(Hz) ≥ 1/T
11b	0.996	n/a (DC>=0.98)	n/a (DC>=0.98)
11g	0.975	2.025m	1k
HT20	0.975	1.889m	1k
HT40	0.961	928.75u	3k

1.1.5 EUT Operational Condition

Supply Voltage	☒ AC mains	☐ DC	
Type of DC Source	☒ External AC adapter	☐ From Host System	☐ Battery

1.1.6 EUT Operate Information

Items	Description			
Communication Mode	☒	IP Based (Load Based)	☐	Frame Based
Beamforming Function	☐	With beamforming	☒	Without beamforming
Operate Condition	☒	Indoor	☐	Outdoor
	☐	Fixed P2P	☐	Portable 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 558074 D01 v03r05
- KDB 662911 D01v02r01

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		CO01-HY	Joe	23.5°C / 63.7%	24/08/2016
RF Conducted		TH01-HY	Gary	23.8°C / 65%	05/09/2016
Radiated		03CH09-HY	Thor	23.5°C / 63.7%	01/09/2016
Radiated <Bandedge>		03CH09-HY	Terry	24.3°C / 60%	24/10/2016

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		±2.3 dB
Emission bandwidth, 6dB bandwidth		±0.6 %
RF output power, conducted		±0.1 dB
Power density, conducted		±0.6 dB
Unwanted emissions, conducted	9 – 150 kHz	±0.4 dB
	0.15 – 30 MHz	±0.4 dB
	30 – 1000 MHz	±0.6 dB
	1 – 18 GHz	±0.5 dB
	18 – 40 GHz	±0.5 dB
	40 – 200 GHz	N/A
All emissions, radiated	9 – 150 kHz	±2.5 dB
	0.15 – 30 MHz	±2.3 dB
	30 – 1000 MHz	±2.6 dB
	1 – 18 GHz	±3.6 dB
	18 – 40 GHz	±3.8 dB
	40 – 200 GHz	N/A
Temperature		±0.8 ℃
Humidity		±5 %
DC and low frequency voltages		±0.9%
Time		±1.4 %
Duty Cycle		±0.6 %

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**
11b	3	1-11 Mbps	1 Mbps
11g	3	6-54 Mbps	6 Mbps
HT20	3	MCS 0-23	MCS 0
HT40	3	MCS 0-23	MCS 0

Note 1: IEEE Std. 802.11n modulation consists of HT20 and HT40 (HT: High Throughput). The EUT support HT20 and HT40. Worst modulation mode of Guard Interval (GI) is 800ns.
Note 2: Modulation modes consist below configuration:
11b: IEEE 802.11b, 11g: IEEE 802.11g, HT20/HT40: IEEE 802.11n
Note 3: RF output power specifies that Maximum Peak Conducted Output Power.

2.2 Test Channel Mode

Test Software Version	Cart

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Power Setting
2.4G	11b	20	1	3	2412	L	20.5
2.4G	11b	20	1	3	2417	-	21.5
2.4G	11b	20	1	3	2437	M	29
2.4G	11b	20	1	3	2457	-	22.5
2.4G	11b	20	1	3	2462	H	19
2.4G	11g	20	1	3	2412	L	18.5
2.4G	11g	20	1	3	2417	-	20.5
2.4G	11g	20	1	3	2437	M	24.5
2.4G	11g	20	1	3	2457	-	20.5
2.4G	11g	20	1	3	2462	H	16.5
2.4G	HT20	20	1,(M0-0)	3	2412	L	17.5
2.4G	HT20	20	1,(M0-0)	3	2417	-	20.5
2.4G	HT20	20	1,(M0-0)	3	2437	M	23.5
2.4G	HT20	20	1,(M0-0)	3	2457	-	18
2.4G	HT20	20	1,(M0-0)	3	2462	H	15.5
2.4G	HT40	40	1,(M0-0)	3	2422	L	16
2.4G	HT40	40	1,(M0-0)	3	2427	-	16.5
2.4G	HT40	40	1,(M0-0)	3	2437	M	25
2.4G	HT40	40	1,(M0-0)	3	2447	-	16
2.4G	HT40	40	1,(M0-0)	3	2452	H	14

Abbreviation Explanation

Band	Mode	BWch (MHz)	Nss-Min	Nant	Ch. (MHz)	Range	Test Cond.	Abbreviation
2.4G	HT20	20	1,(M0-15)	2	2412	L	TN,VN	2.4G;HT20;20;1,(M0-15);2;2412;L;TN,VN
2.4G	HT40	40	1,(M0-15)	2	2437	M	TN,VN	2.4G;HT40;40;1,(M0-15);2;2437;M;TN,VN

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth, Fundamental Emission Output Power, Power Spectral Density, Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
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		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		
Worst Planes of Ant.			V

2.4 Accessories and Support Equipment

Accessories				
AC Adapter	Brand Name	TP-LINK	Model Name	T120150-2B1
	Power Rating	I/P:100 - 240 Vac, 600 mA, O/P: 12 Vdc,1500mA		

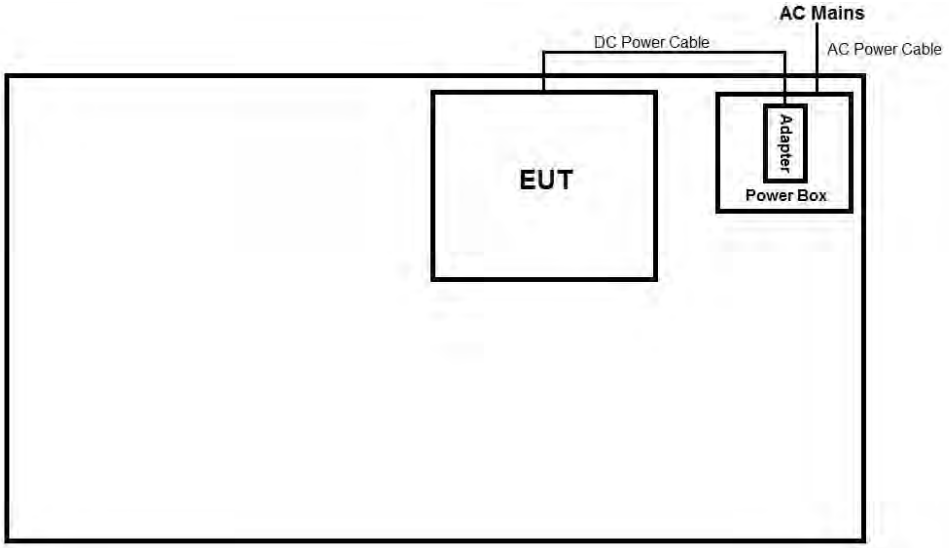
Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment - RF Conducted			
No.	**Equipment**	**Brand Name**	**Model Name**
1	Notebook	DELL	5540
2	AC Adapter for Notebook	DELL	HA65NM130

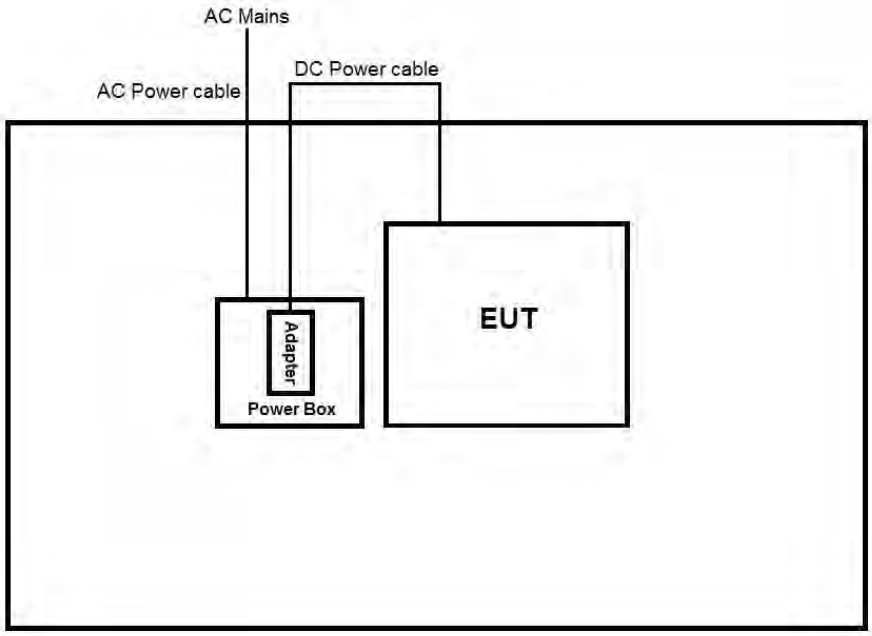
Support Equipment - AC Conduction and Radiated Emission			
No.	**Equipment**	**Brand Name**	**Model Name**
1	-	-	-

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Test Setup Diagram – Radiated Emission Test



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

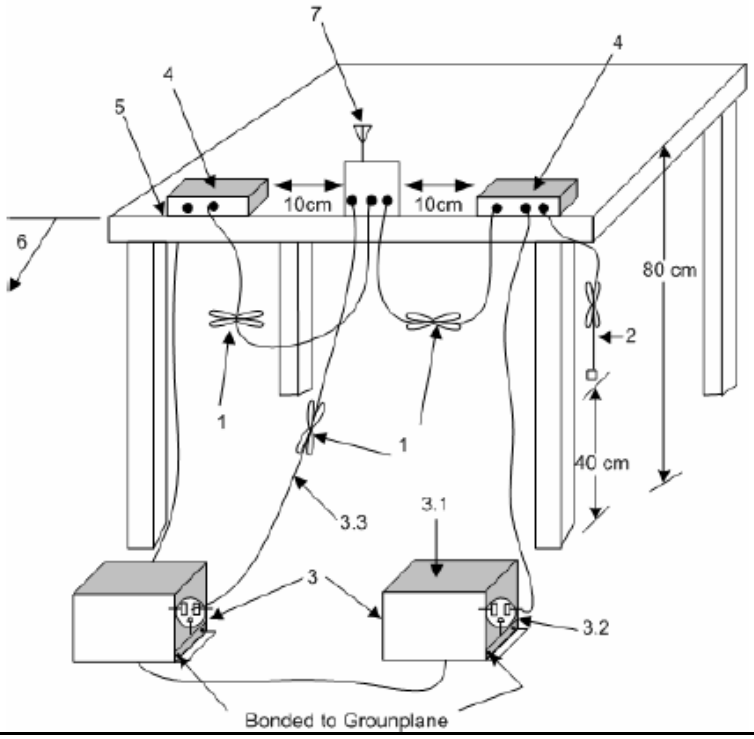
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix I

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

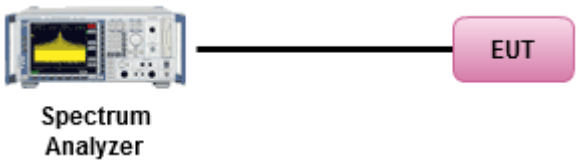
3.2.2 Measuring Instruments

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 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.3 Fundamental Emission Output Power

3.3.1 Fundamental Emission Output Power Limit

Maximum Peak Conducted Output Power or Maximum Conducted Output Power Limit
▪ 2400-2483.5 MHz Band:
▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm
▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
▪ Smart antenna system (SAS):
- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
e.i.r.p. Power Limit:
▪ 2400-2483.5 MHz Band
▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
▪ Point-to-point systems (P2P): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm
▪ Smart antenna system (SAS)
- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi. **P_{eirp}** = e.i.r.p. Power in dBm.

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 Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
	☐ Refer as KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☒ Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	☐ Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☒ Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	☐ Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
	☒ Refer as KDB 558074, clause 9.2.3 Method AVGPM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Average Conducted Output Power

Refer as Appendix B

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

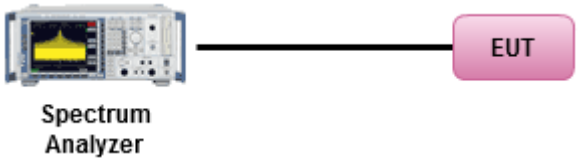
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
	[duty cycle ≥ 98% or external video / power trigger]	
	☐ Refer as KDB 558074, clause 10.5 Method AVGPSD-2 (spectral trace averaging).	
	☐ Refer as KDB 558074, clause 10.6 Method AVGPSD-2 Alt.(slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☐ Refer as KDB 558074, clause 10.5 Method AVGPSD-2 (spectral trace averaging).	
	☐ Refer as KDB 558074, clause 10.6 Method AVGPSD-2 Alt. (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.

3.4.4 Test Setup

Power Spectral Density
 Spectrum Analyzer

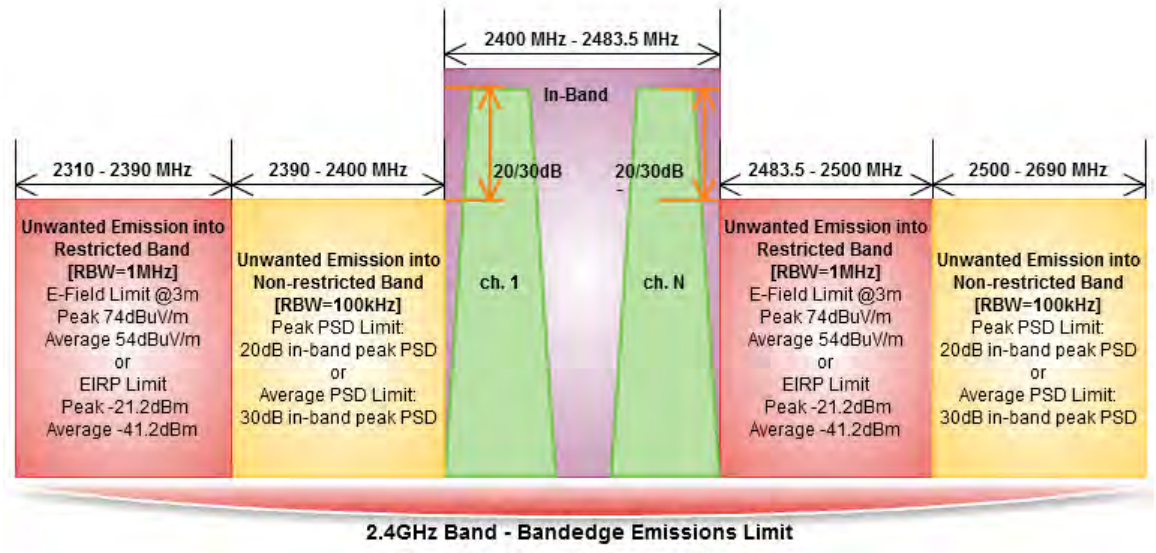
3.4.5 Test Result of Power Spectral Density

Refer as Appendix C

3.5 Transmitter Radiated Bandedge Emissions

3.5.1 Transmitter Radiated Bandedge Emissions Limit

Transmitter Radiated Bandedge Emissions Limit



3.5.2 Measuring Instruments

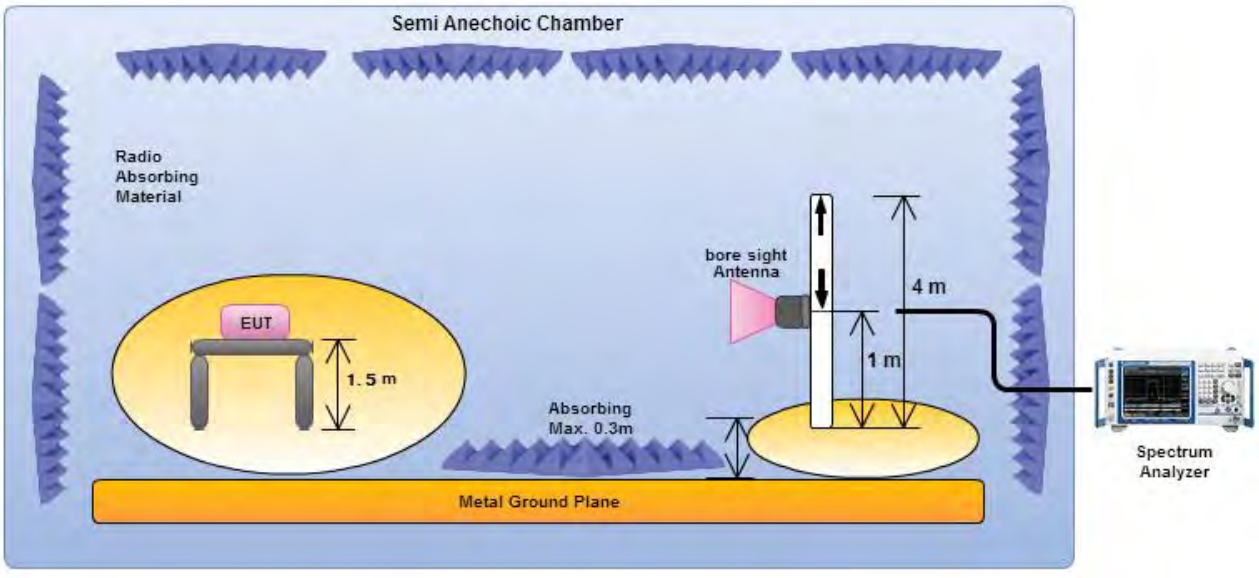
Refer a test equipment and calibration data table in this test report.

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 bandedge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
☒	For the transmitter unwanted emissions shall be measured using following options below:	
	☒	Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.
	☒	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
		☐ Refer as KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%)
		☐ Refer as KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
		☒ Refer as KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T).
		☐ 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 558074, clause 11.3 and 12.2.4 measurement procedure peak limit.
☒	For the transmitter bandedge emissions shall be measured using following options below:	
	☐	Refer as KDB 558074, clause 13.3 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 KDB 558074, clause 12.2.7 and ANSI C63.10, clause 6.6. Test distance is 3m.	

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 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.6 Transmitter Radiated Unwanted Emissions

3.6.1 Transmitter in Radiated Unwanted Emissions Limit

Restricted Band Emissions 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 Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

3.6.2 Measuring Instruments

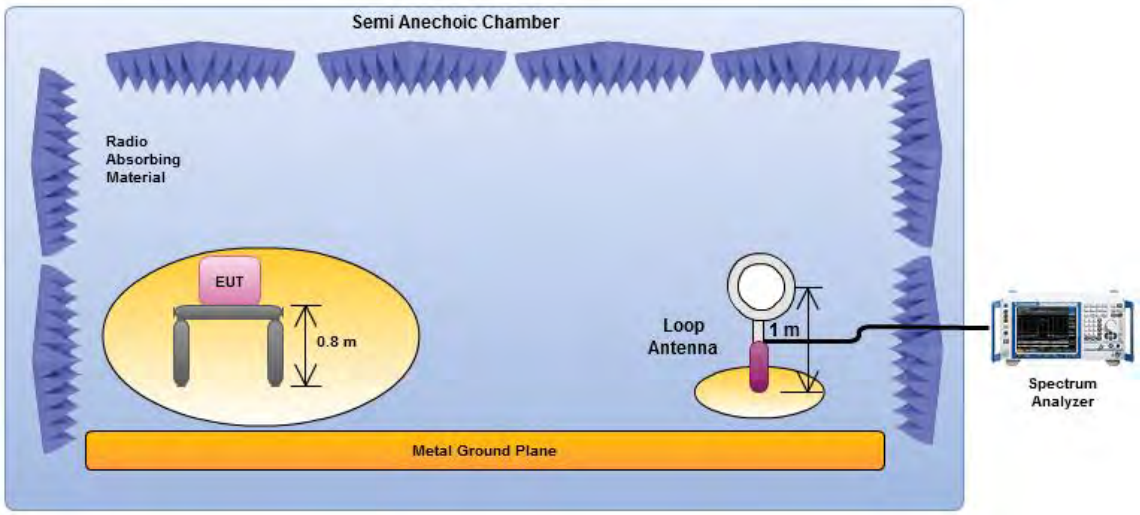
Refer a test equipment and calibration data table in this test report.

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. 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 558074, clause 11 for unwanted emissions into non-restricted bands.
	☒	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
		☐ Refer as KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%)
		☐ Refer as KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
		☒ Refer as KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T).
		☐ 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 558074, clause 11.3 and 12.2.4 measurement procedure peak limit.
		☒ Refer as KDB 558074, clause 12.2.3 measurement procedure Quasi-Peak limit.
☒	For radiated measurement, refer as KDB 558074, clause 12.2.7.	
	☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	☒	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	☒	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m.
☒	The any unwanted emissions level shall not exceed the fundamental emission level.	
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.	

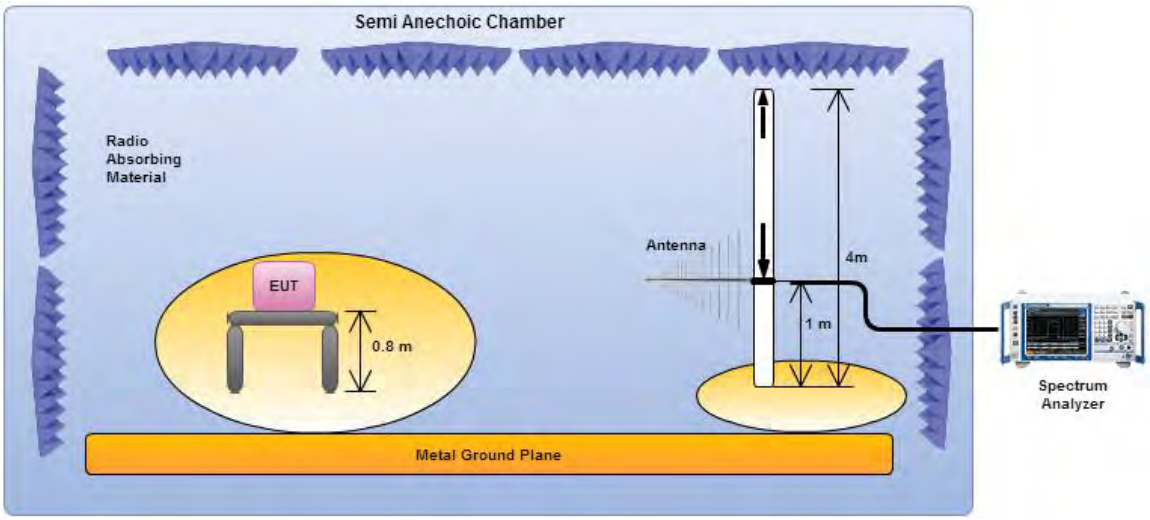
3.6.4 Test Setup

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



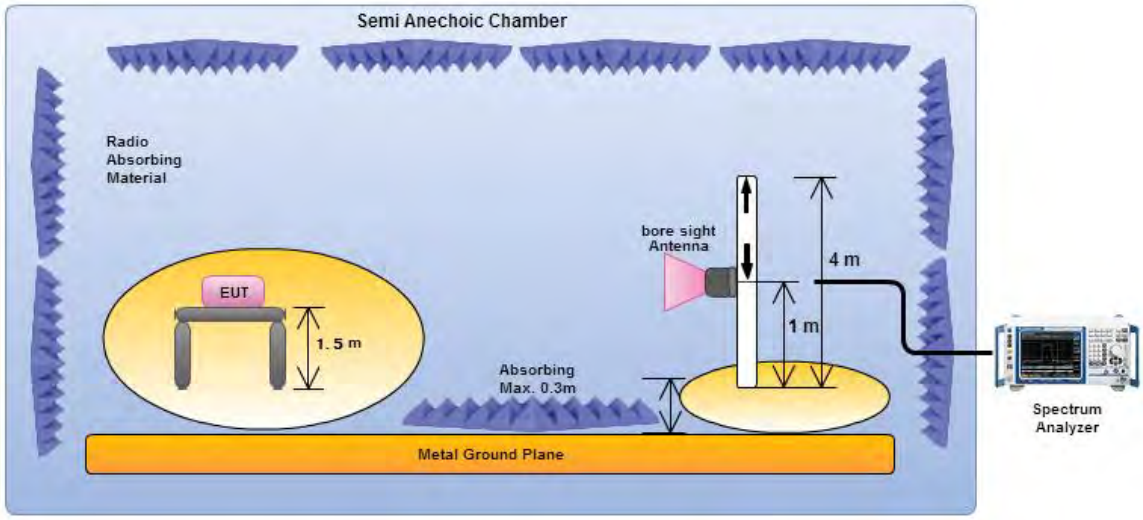
Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna.

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 (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 Transmitter Radiated Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	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

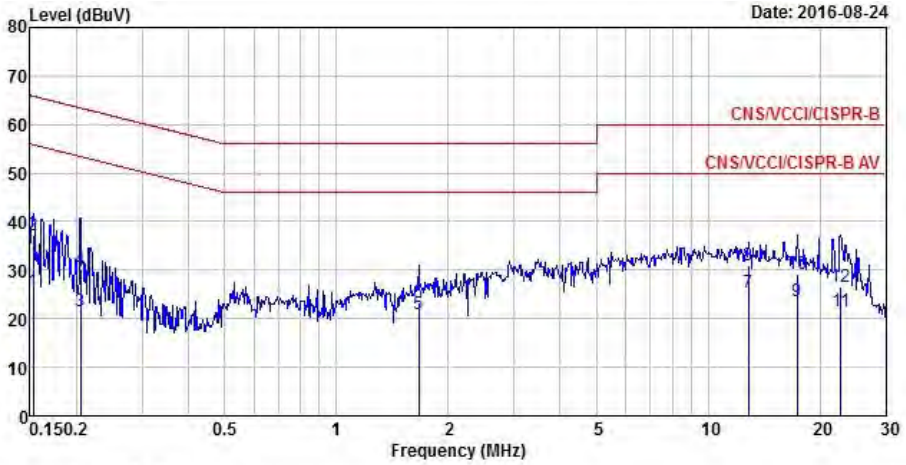
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9KHz~40GHz	16/02/2016	15/02/ 2017
Power Sensor	Anritsu	MA2411B	917017	300MHz ~ 40GHz	04/02/2016	03/02/2017
Power Meter	Anritsu	ML2495A	949003	300MHz ~ 40GHz	04/02/2016	03/02/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/07/2016	28/07/2017

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	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 ~ 26.5GHz	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	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

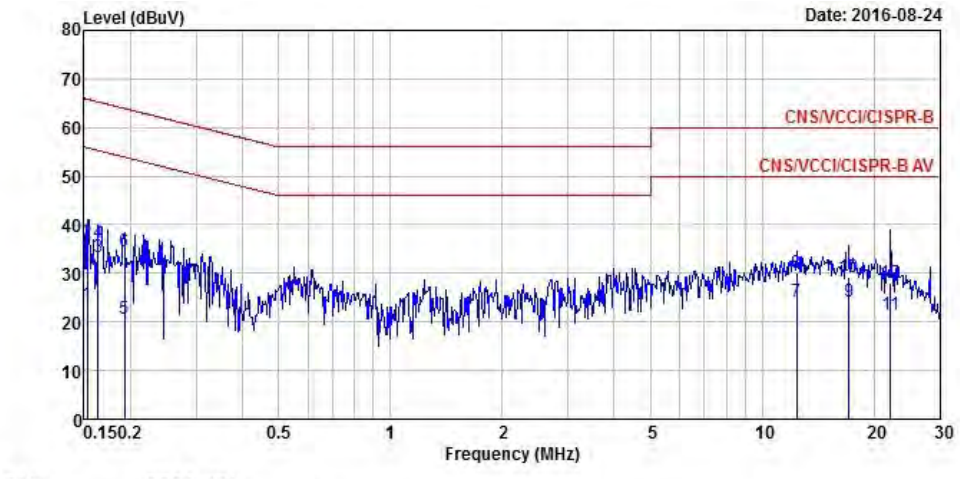
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	dB	
1	0.15	25.54	-30.28	55.82	15.46	0.12	0.10	9.86	Average
2	0.15	37.30	-28.52	65.82	27.22	0.12	0.10	9.86	QP
3	0.21	21.52	-31.88	53.40	11.44	0.12	0.10	9.86	Average
4	0.21	30.04	-33.36	63.40	19.96	0.12	0.10	9.86	QP
5	1.66	20.99	-25.01	46.00	10.84	0.18	0.10	9.87	Average
6	1.66	23.24	-32.76	56.00	13.09	0.18	0.10	9.87	QP
7	12.85	25.43	-24.57	50.00	14.90	0.51	0.10	9.92	Average
8	12.85	30.94	-29.06	60.00	20.41	0.51	0.10	9.92	QP
9	17.38	23.74	-26.26	50.00	13.00	0.64	0.15	9.95	Average
10	17.38	29.15	-30.85	60.00	18.41	0.64	0.15	9.95	QP
11	22.78	21.44	-28.56	50.00	10.07	1.20	0.20	9.97	Average
12	22.78	26.58	-33.42	60.00	15.21	1.20	0.20	9.97	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	1	**Power Phase**	Line
Operating Function	Adapter 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	0.15	23.54	-32.28	55.82	13.48	0.10	0.10	9.86	Average
2	0.15	36.41	-29.41	65.82	26.35	0.10	0.10	9.86	QP
3	0.16	33.29	-22.01	55.30	23.23	0.10	0.10	9.86	Average
4	0.16	36.36	-28.94	65.30	26.30	0.10	0.10	9.86	QP
5	0.19	20.58	-33.35	53.93	10.53	0.09	0.10	9.86	Average
6	0.19	34.48	-29.45	63.93	24.43	0.09	0.10	9.86	QP
7	12.38	24.22	-25.78	50.00	13.71	0.49	0.10	9.92	Average
8	12.38	30.20	-29.80	60.00	19.69	0.49	0.10	9.92	QP
9	17.11	24.19	-25.81	50.00	13.45	0.65	0.15	9.94	Average
10	17.11	29.24	-30.76	60.00	18.50	0.65	0.15	9.94	QP
11	22.18	21.60	-28.40	50.00	10.46	0.98	0.20	9.96	Average
12	22.18	28.11	-31.89	60.00	16.97	0.98	0.20	9.96	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.)

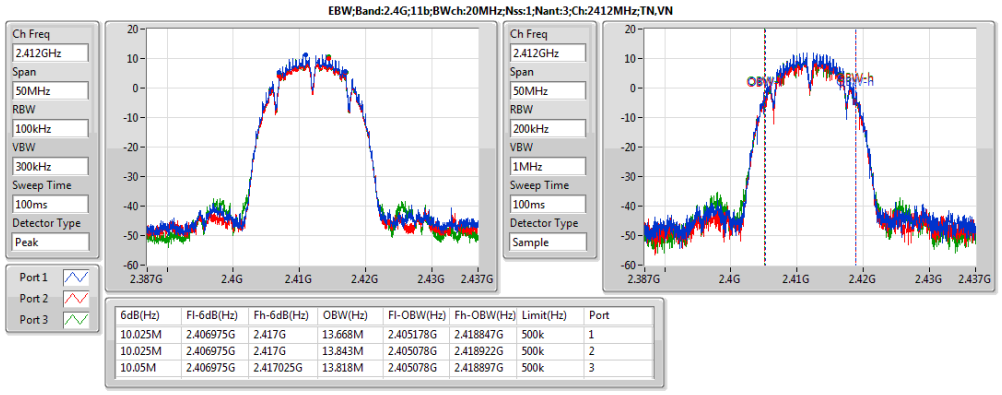
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4G;11b;20;1;3	10.05M	13.968M	14M0G1D	9.575M	13.668M
2.4G;11g;20;1;3	15.025M	16.242M	16M2D1D	12.6M	16.167M
2.4G;HT20;20;1,(M0);3	15.05M	17.391M	17M4D1D	13.1M	17.341M
2.4G;HT40;40;1,(M0);3	35.05M	35.832M	35M8D1D	28.7M	35.682M

Result

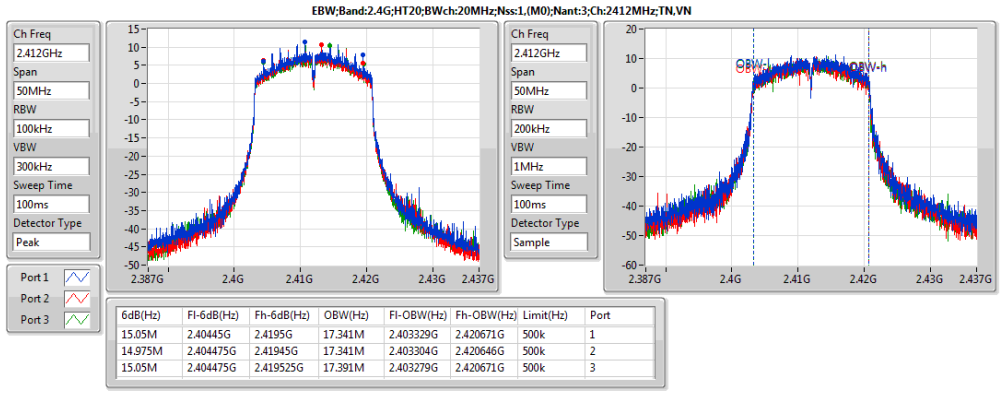
Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)
2.4G;11b;20;1;3;2412;L;TN,VN	Pass	500k	10.025M	13.668M	10.025M	13.843M	10.05M	13.818M
2.4G;11b;20;1;3;2437;M;TN,VN	Pass	500k	10.025M	13.793M	10.05M	13.968M	9.575M	13.818M
2.4G;11b;20;1;3;2462;H;TN,VN	Pass	500k	10M	13.818M	10.025M	13.893M	9.975M	13.768M
2.4G;11g;20;1;3;2412;L;TN,VN	Pass	500k	15M	16.217M	13.75M	16.192M	12.6M	16.217M
2.4G;11g;20;1;3;2437;M;TN,VN	Pass	500k	14.975M	16.242M	13.75M	16.242M	14.975M	16.242M
2.4G;11g;20;1;3;2462;H;TN,VN	Pass	500k	15.025M	16.167M	13.775M	16.192M	15M	16.217M
2.4G;HT20;20;1,(M0);3;2412;L;TN,VN	Pass	500k	15.05M	17.341M	14.975M	17.341M	15.05M	17.391M
2.4G;HT20;20;1,(M0);3;2437;M;TN,VN	Pass	500k	14.925M	17.391M	13.1M	17.391M	13.825M	17.391M
2.4G;HT20;20;1,(M0);3;2462;H;TN,VN	Pass	500k	15M	17.391M	13.825M	17.366M	14.375M	17.366M
2.4G;HT40;40;1,(M0);3;2422;L;TN,VN	Pass	500k	32.55M	35.732M	30M	35.832M	33.75M	35.732M
2.4G;HT40;40;1,(M0);3;2437;M;TN,VN	Pass	500k	33.75M	35.782M	28.7M	35.782M	30.05M	35.782M
2.4G;HT40;40;1,(M0);3;2452;H;TN,VN	Pass	500k	31.3M	35.732M	35.05M	35.732M	29.95M	35.682M

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2412MHz;TN,VN



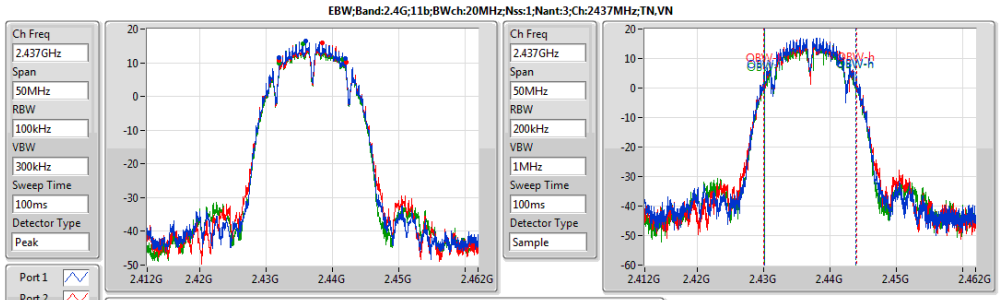
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.406975G	2.417G	13.668M	2.405178G	2.418847G	500k	1
10.025M	2.406975G	2.417G	13.843M	2.405078G	2.418922G	500k	2
10.05M	2.406975G	2.417025G	13.818M	2.405078G	2.418897G	500k	3

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2412MHz;TN,VN



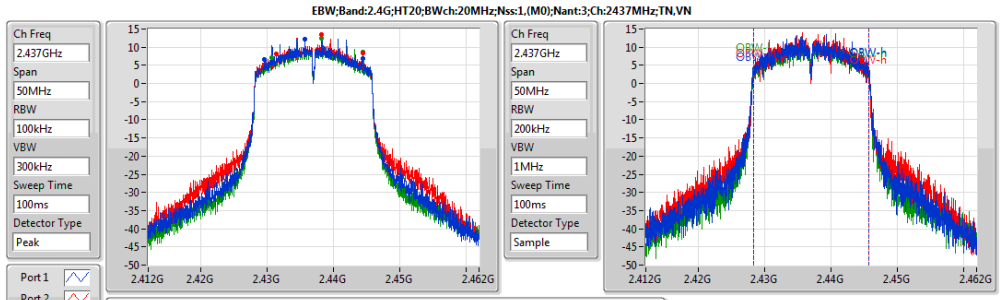
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.40445G	2.4195G	17.341M	2.403329G	2.420671G	500k	1
14.975M	2.404475G	2.41945G	17.341M	2.403304G	2.420646G	500k	2
15.05M	2.404475G	2.419525G	17.391M	2.403279G	2.420671G	500k	3

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2437MHz;TN,VN



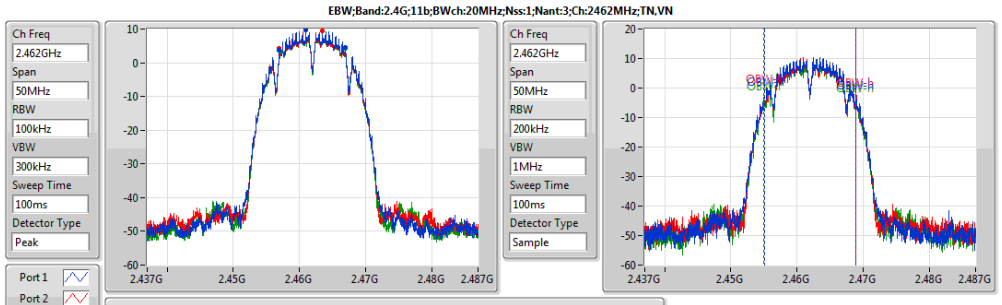
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.431975G	2.442G	13.793M	2.430078G	2.443872G	500k	1
10.05M	2.431975G	2.442025G	13.968M	2.430003G	2.443972G	500k	2
9.575M	2.43195G	2.441525G	13.818M	2.430103G	2.443922G	500k	3

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2437MHz;TN,VN



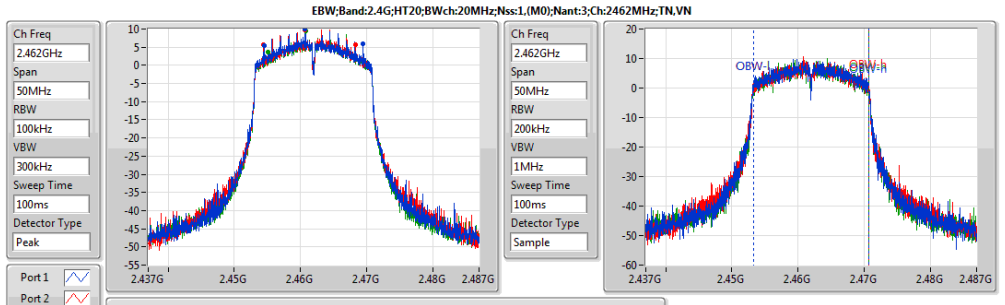
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	2.429525G	2.44445G	17.391M	2.428279G	2.445671G	500k	1
13.1M	2.43135G	2.44445G	17.391M	2.428279G	2.445671G	500k	2
13.825M	2.430675G	2.4445G	17.391M	2.428279G	2.445671G	500k	3

EBW;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2462MHz;TN,VN



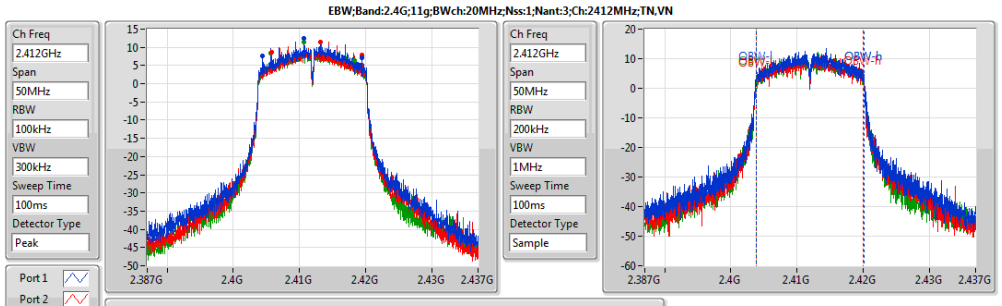
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.456975G	2.466975G	13.818M	2.455053G	2.468872G	500k	1
10.025M	2.45695G	2.466975G	13.893M	2.455028G	2.468922G	500k	2
9.975M	2.457G	2.466975G	13.768M	2.455078G	2.468847G	500k	3

EBW;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2462MHz;TN,VN



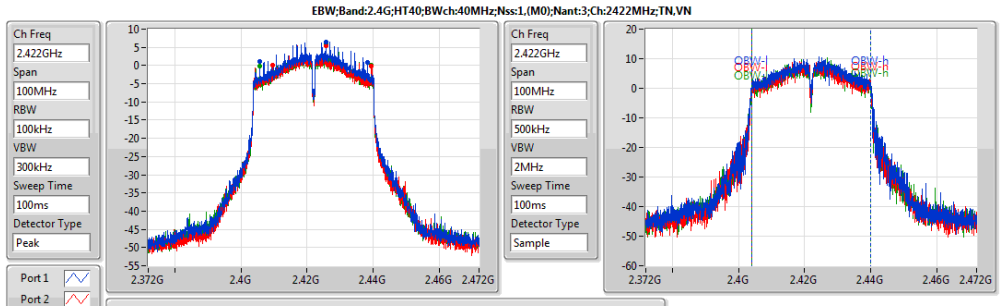
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4545G	2.4695G	17.391M	2.453254G	2.470646G	500k	1
13.825M	2.45445G	2.468275G	17.366M	2.453279G	2.470646G	500k	2
14.375M	2.4551G	2.469475G	17.366M	2.453279G	2.470646G	500k	3

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2412MHz;TN,VN



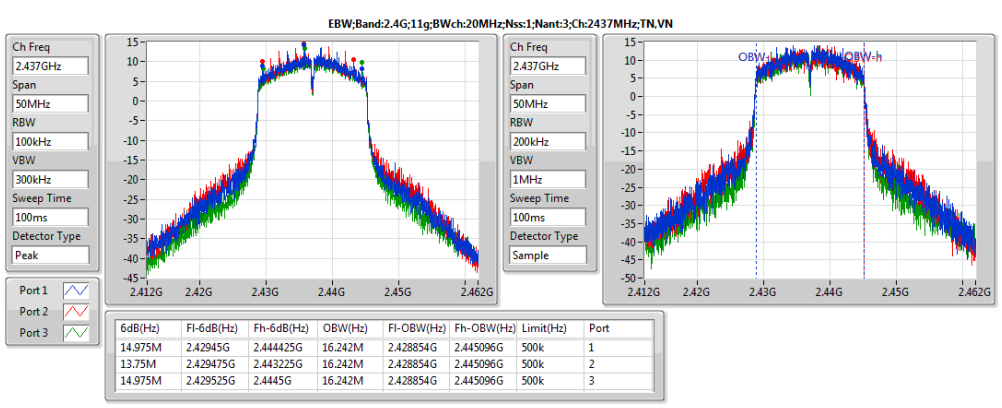
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.40445G	2.41945G	16.217M	2.403879G	2.420096G	500k	1
13.75M	2.40575G	2.4195G	16.192M	2.403879G	2.420071G	500k	2
12.6M	2.4057G	2.4183G	16.217M	2.403879G	2.420096G	500k	3

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2422MHz;TN,VN



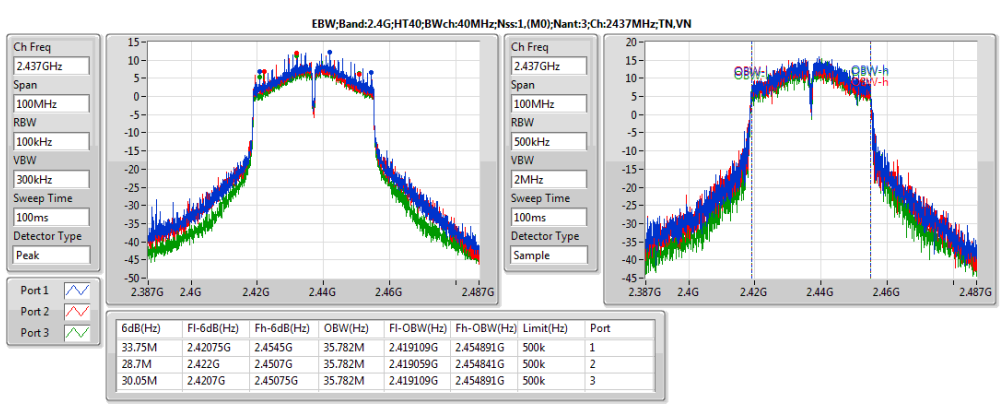
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	2.4057G	2.43825G	35.732M	2.404159G	2.439891G	500k	1
30M	2.4095G	2.4395G	35.832M	2.404059G	2.439891G	500k	2
33.75M	2.40575G	2.4395G	35.732M	2.404159G	2.439891G	500k	3

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2437MHz;TN,VN



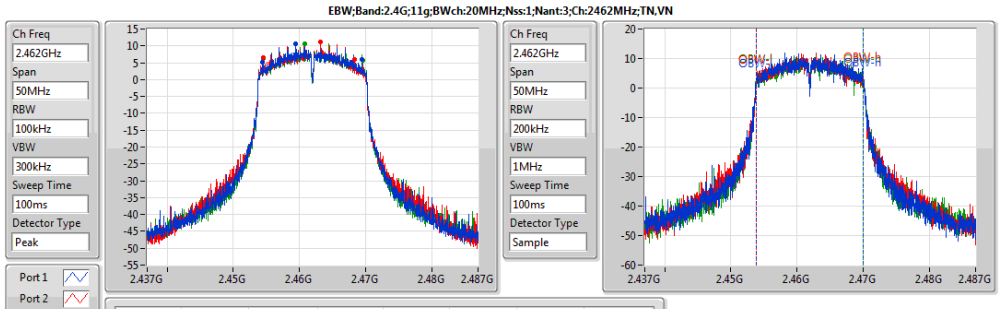
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.42945G	2.444425G	16.242M	2.428854G	2.445096G	500k	1
13.75M	2.429475G	2.443225G	16.242M	2.428854G	2.445096G	500k	2
14.975M	2.429525G	2.4445G	16.242M	2.428854G	2.445096G	500k	3

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2437MHz;TN,VN



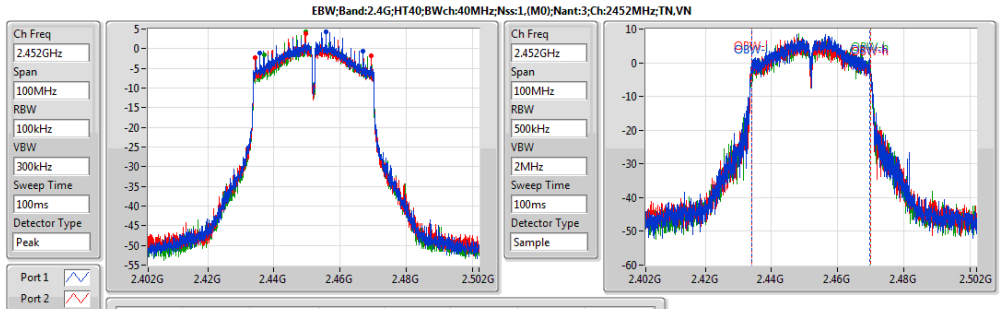
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	2.42075G	2.4545G	35.782M	2.419109G	2.454891G	500k	1
28.7M	2.422G	2.4507G	35.782M	2.419059G	2.454841G	500k	2
30.05M	2.4207G	2.45075G	35.782M	2.419109G	2.454891G	500k	3

EBW;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2462MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454425G	2.46945G	16.167M	2.453904G	2.470071G	500k	1
13.775M	2.454525G	2.4683G	16.192M	2.453854G	2.470046G	500k	2
15M	2.454525G	2.469525G	16.217M	2.453854G	2.470071G	500k	3

EBW;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2452MHz;TN,VN



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.3M	2.4357G	2.467G	35.732M	2.434059G	2.469791G	500k	1
35.05M	2.43445G	2.4695G	35.732M	2.434109G	2.469841G	500k	2
29.95M	2.437G	2.46695G	35.682M	2.434159G	2.469841G	500k	3

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
2.4G;11b;20;1;3	29.71	0.93541	33.05	2.01837
2.4G;11g;20;1;3	28.56	0.71779	31.90	1.54882
2.4G;HT20;20;1,(M0);3	27.49	0.56105	30.83	1.2106
2.4G;HT40;40;1,(M0);3	29.11	0.8147	32.45	1.75792

Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)
2.4G;11b;20;1;3;2412;L;TN,VN	Pass	3.34	28.39	36.00	25.05	30.00	20.80	20.15	19.82
2.4G;11b;20;1;3;2417;L;TN,VN	Pass	3.34	28.89	36.00	25.55	30.00	20.36	20.28	21.58
2.4G;11b;20;1;3;2437;M;TN,VN	Pass	3.34	33.05	36.00	29.71	30.00	25.17	24.88	24.77
2.4G;11b;20;1;3;2457;L;TN,VN	Pass	3.34	30.22	36.00	26.88	30.00	22.22	22.32	21.78
2.4G;11b;20;1;3;2462;H;TN,VN	Pass	3.34	26.78	36.00	23.44	30.00	18.89	18.62	18.50
2.4G;11g;20;1;3;2412;L;TN,VN	Pass	3.34	26.22	36.00	22.88	30.00	18.52	18.17	17.58
2.4G;11g;20;1;3;2417;L;TN,VN	Pass	3.34	28.10	36.00	24.76	30.00	20.50	19.82	19.61
2.4G;11g;20;1;3;2437;M;TN,VN	Pass	3.34	31.90	36.00	28.56	30.00	24.12	23.88	23.32
2.4G;11g;20;1;3;2457;L;TN,VN	Pass	3.34	28.14	36.00	24.80	30.00	20.04	20.17	19.88
2.4G;11g;20;1;3;2462;H;TN,VN	Pass	3.34	24.61	36.00	21.27	30.00	16.62	16.66	16.21
2.4G;HT20;20;1,(M0);3;2412;L;TN,VN	Pass	3.34	25.12	36.00	21.78	30.00	17.39	16.85	16.75
2.4G;HT20;20;1,(M0);3;2417;L;TN,VN	Pass	3.34	28.15	36.00	24.81	30.00	20.52	19.98	19.57
2.4G;HT20;20;1,(M0);3;2437;M;TN,VN	Pass	3.34	30.83	36.00	27.49	30.00	22.80	23.03	22.28
2.4G;HT20;20;1,(M0);3;2457;L;TN,VN	Pass	3.34	25.83	36.00	22.49	30.00	17.84	17.98	17.31
2.4G;HT20;20;1,(M0);3;2462;H;TN,VN	Pass	3.34	23.29	36.00	19.95	30.00	15.26	15.18	15.08
2.4G;HT40;40;1,(M0);3;2422;L;TN,VN	Pass	3.34	23.31	36.00	19.97	30.00	15.66	15.08	14.82
2.4G;HT40;40;1,(M0);3;2427;L;TN,VN	Pass	3.34	23.83	36.00	20.49	30.00	16.33	15.36	15.38
2.4G;HT40;40;1,(M0);3;2437;M;TN,VN	Pass	3.34	32.45	36.00	29.11	30.00	24.73	24.43	23.79
2.4G;HT40;40;1,(M0);3;2447;L;TN,VN	Pass	3.34	23.07	36.00	19.73	30.00	15.03	14.94	14.91
2.4G;HT40;40;1,(M0);3;2452;H;TN,VN	Pass	3.34	21.45	36.00	18.11	30.00	13.19	13.55	13.28

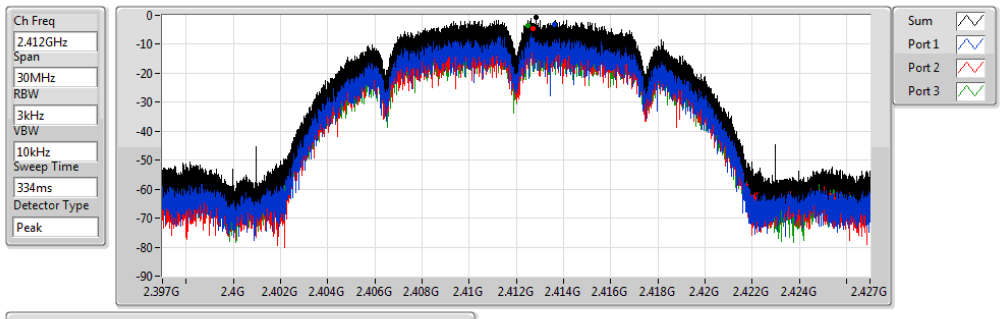
Summary

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
2.4G;11b;20;1;3	4.20	12.01
2.4G;11g;20;1;3	2.26	10.08
2.4G;HT20;20;1,(M0);3	1.10	8.92
2.4G;HT40;40;1,(M0);3	-0.03	7.78

Result

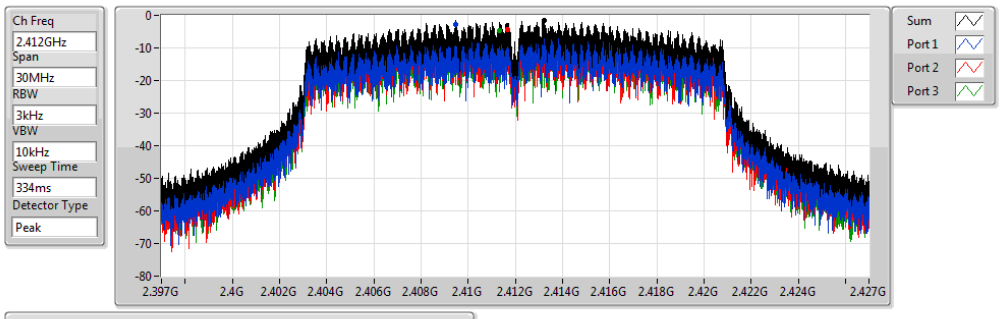
Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Lim (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)
2.4G;11b;20;1;3;2412;L;TN,VN	Pass	3k	3k	0.00	7.81	-0.71	-0.71	8.00	7.11	Inf	-3.24	-4.51	-3.44
2.4G;11b;20;1;3;2437;M;TN,VN	Pass	3k	3k	0.00	7.81	4.20	4.20	8.00	12.01	Inf	1.26	1.07	0.29
2.4G;11b;20;1;3;2462;H;TN,VN	Pass	3k	3k	0.00	7.81	-2.89	-2.89	8.00	4.92	Inf	-4.13	-5.30	-5.41
2.4G;11g;20;1;3;2412;L;TN,VN	Pass	3k	3k	0.00	7.81	0.95	0.95	8.00	8.77	Inf	-0.11	-2.49	-2.93
2.4G;11g;20;1;3;2437;M;TN,VN	Pass	3k	3k	0.00	7.81	2.26	2.26	8.00	10.08	Inf	-0.97	1.19	-1.21
2.4G;11g;20;1;3;2462;H;TN,VN	Pass	3k	3k	0.00	7.81	-0.69	-0.69	8.00	7.13	Inf	-3.74	-3.10	-3.37
2.4G;HT20;20;1,(M0);3;2412;L;TN,VN	Pass	3k	3k	0.00	7.81	-1.44	-1.44	8.00	6.38	Inf	-2.73	-4.50	-4.76
2.4G;HT20;20;1,(M0);3;2437;M;TN,VN	Pass	3k	3k	0.00	7.81	1.10	1.10	8.00	8.92	Inf	-0.43	-1.43	-2.58
2.4G;HT20;20;1,(M0);3;2462;H;TN,VN	Pass	3k	3k	0.00	7.81	-2.08	-2.08	8.00	5.73	Inf	-5.32	-5.61	-4.82
2.4G;HT40;40;1,(M0);3;2422;L;TN,VN	Pass	3k	3k	0.00	7.81	-6.41	-6.41	8.00	1.40	Inf	-8.03	-9.42	-9.05
2.4G;HT40;40;1,(M0);3;2437;M;TN,VN	Pass	3k	3k	0.00	7.81	-0.03	-0.03	8.00	7.78	Inf	-2.53	-3.00	-2.96
2.4G;HT40;40;1,(M0);3;2452;H;TN,VN	Pass	3k	3k	0.00	7.81	-7.59	-7.59	8.00	0.23	Inf	-10.75	-10.43	-10.37

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2412MHz;TN,VN



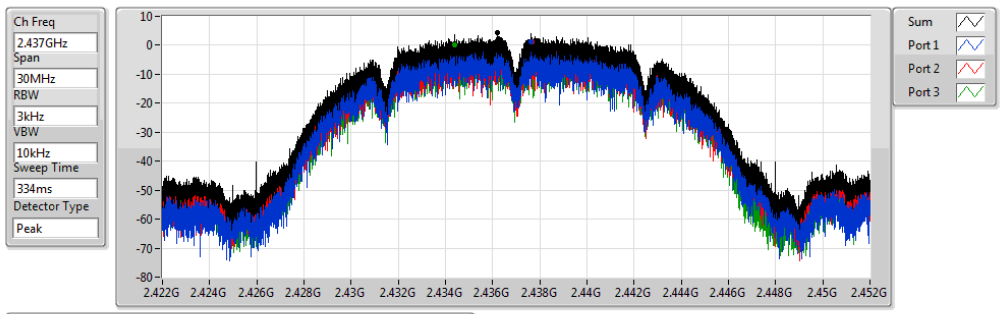
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.71	-0.71	-3.24	-4.51	-3.44

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2412MHz;TN,VN



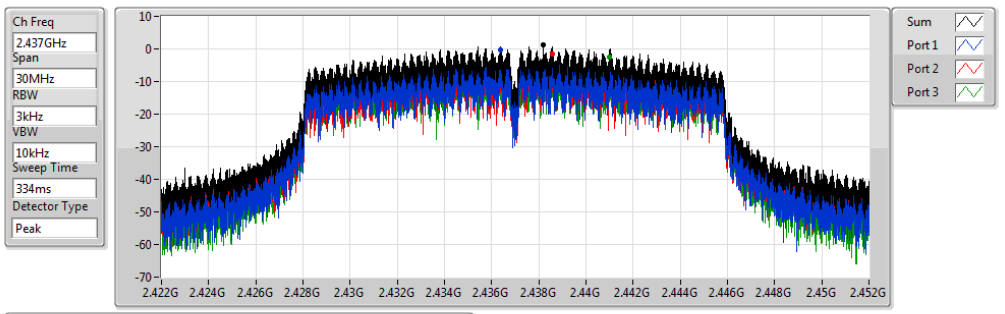
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.44	-1.44	-2.73	-4.50	-4.76

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2437MHz;TN,VN



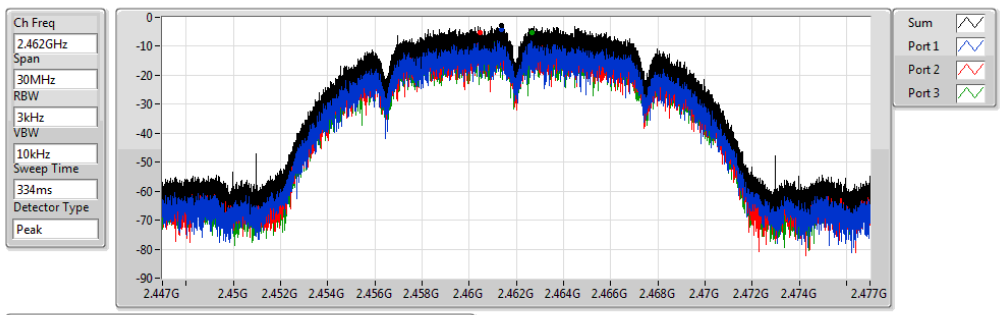
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	1.26	1.07	0.29

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2437MHz;TN,VN



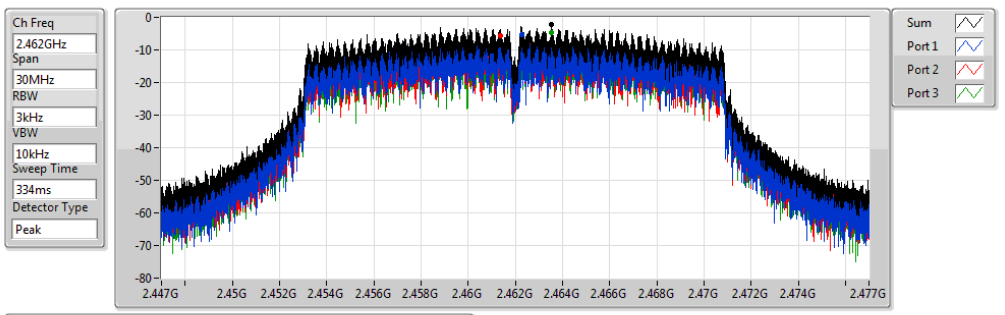
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.10	1.10	-0.43	-1.43	-2.58

PSD;Band:2.4G;11b;BWch:20MHz;Nss:1;Nant:3;Ch:2462MHz;TN,VN



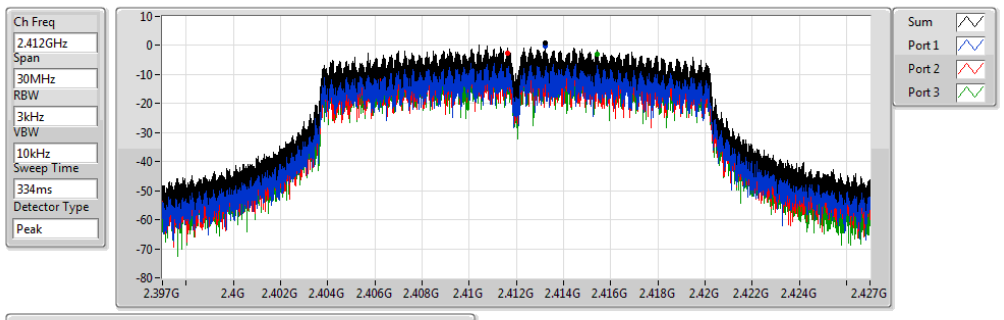
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.89	-2.89	-4.13	-5.30	-5.41

PSD;Band:2.4G;HT20;BWch:20MHz;Nss:1,(M0);Nant:3;Ch:2462MHz;TN,VN



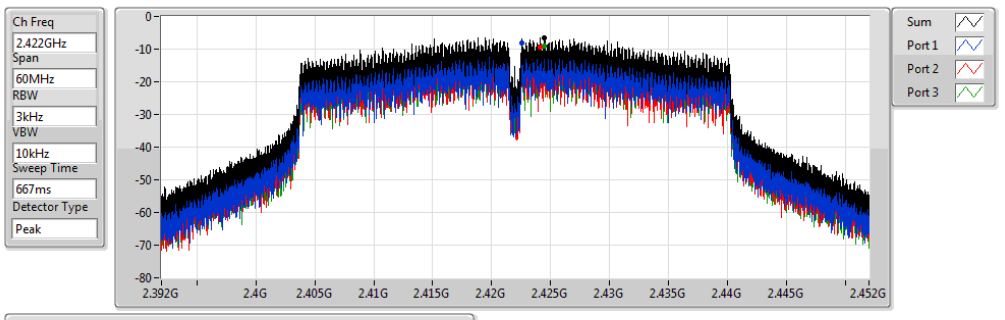
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.08	-2.08	-5.32	-5.61	-4.82

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2412MHz;TN,VN



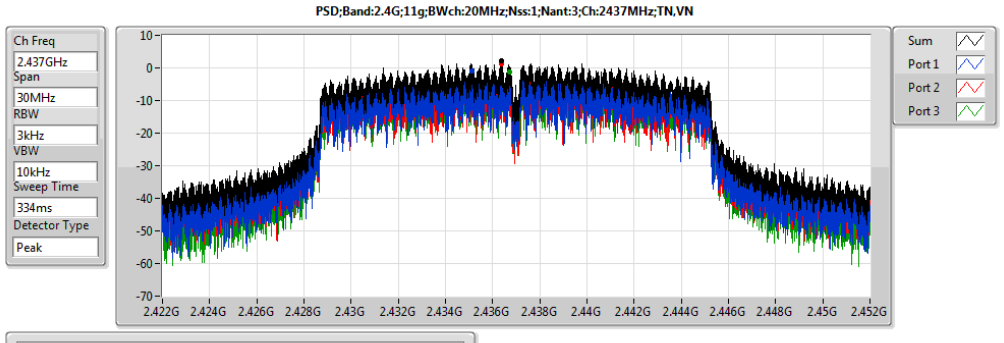
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.95	0.95	-0.11	-2.49	-2.93

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2422MHz;TN,VN



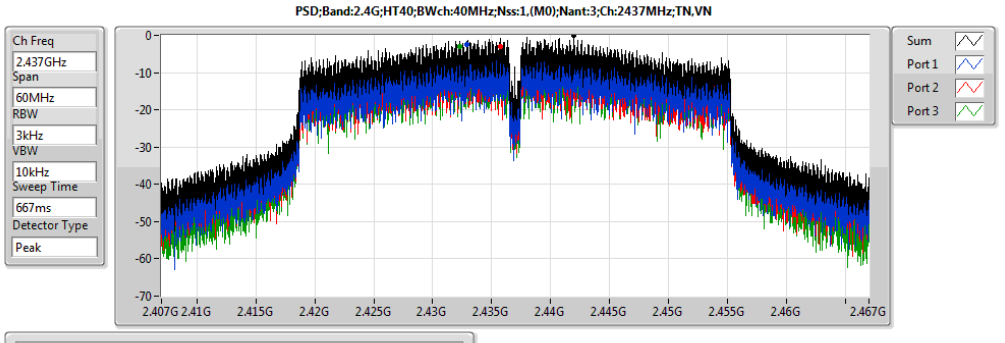
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.41	-6.41	-8.03	-9.42	-9.05

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2437MHz;TN,VN



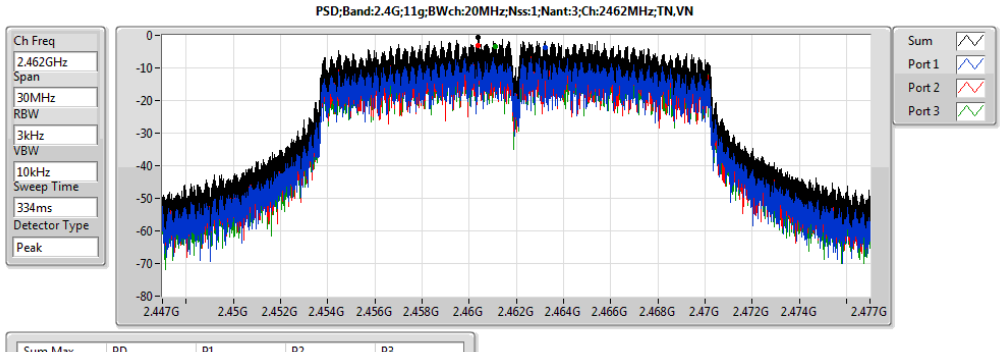
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	-0.97	1.19	-1.21

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2437MHz;TN,VN



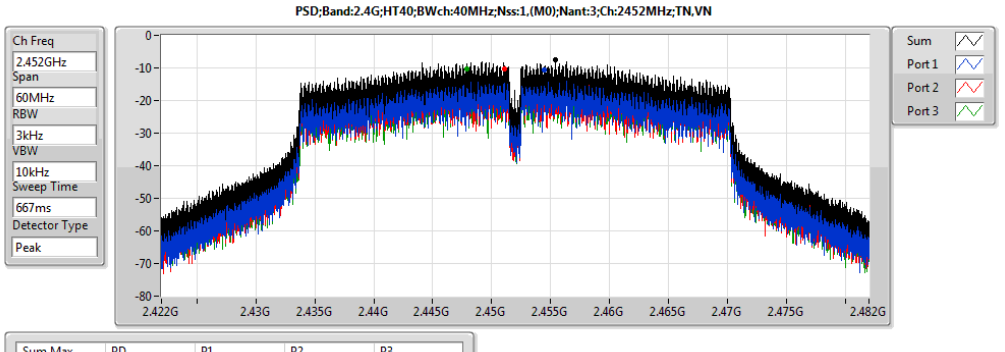
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.03	-0.03	-2.53	-3.00	-2.96

PSD;Band:2.4G;11g;BWch:20MHz;Nss:1;Nant:3;Ch:2462MHz;TN,VN



Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-3.74	-3.10	-3.37

PSD;Band:2.4G;HT40;BWch:40MHz;Nss:1,(M0);Nant:3;Ch:2452MHz;TN,VN



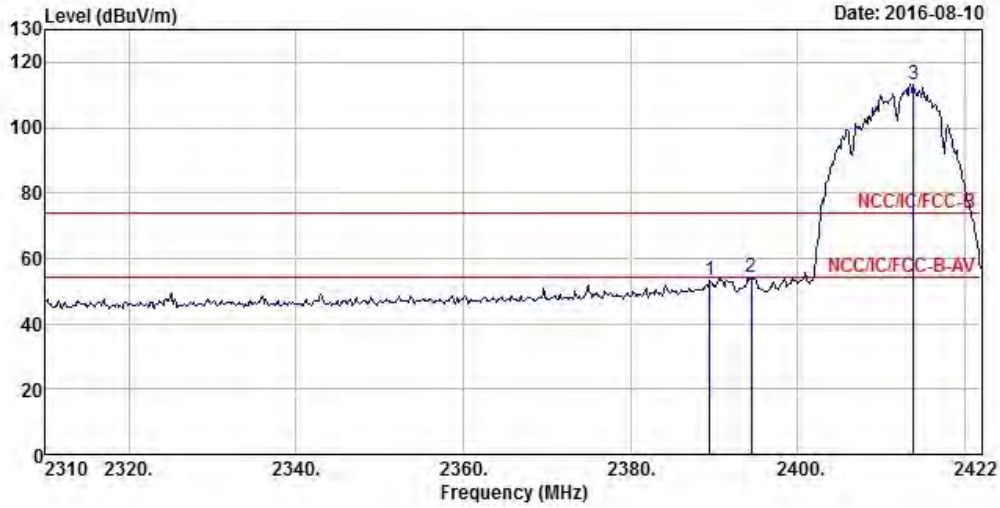
Sum.Max	PD	P1	P2	P3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.59	-7.59	-10.75	-10.43	-10.37

2400-2483.5MHz Transmitter Radiated Bandedge Emissions (Non-restricted Band)								
Modulation	**N_{TX}**	**Test Freq. (MHz)**	**In-band PSD [i] (dBuV/100kHz)**	**Freq. (MHz)**	**Out-band PSD [o] (dBuV/100kHz)**	**[i] – [o] (dB)**	**Limit (dB)**	**Pol.**
11b	1	2412	113.19	2394.448	54.27	58.92	30	V
11b	1	2462	111.20	2517.600	50.15	61.05	30	V
11g	1	2412	108.24	2399.936	65.74	42.50	30	V
11g	1	2462	111.22	2507.000	50.60	60.62	30	V
HT20	1	2412	109.14	2399.936	65.63	43.51	30	V
HT20	1	2462	109.43	2502.600	50.95	58.48	30	V
HT40	1	2422	101.93	2399.892	69.04	32.89	30	V
HT40	1	2452	101.82	2500.880	49.04	52.78	30	V
Note 1: Measurement worst emissions of receive antenna polarization								

2400-2483.5MHz Transmitter Radiated Bandedge Emissions (Restricted Band)										
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.**
11b	1	2412	3	2389.968	62.92	74	2389.968	53.69	54	V
11b	1	2417	3	2381.980	63.61	74	2389.056	53.41	54	V
11b	1	2437	3	2387.900	63.63	74	2389.990	53.60	54	V
11b	1	2457	3	2485.208	61.34	74	2483.514	53.67	54	V
11b	1	2462	3	2381.980	63.61	74	2389.056	53.41	54	V
11g	1	2412	3	2389.800	62.34	74	2379.540	53.11	54	V
11g	1	2417	3	2389.040	63.60	74	2389.800	53.75	54	V
11g	1	2432	3	2389.420	63.51	74	2389.800	53.83	54	V
11g	1	2457	3	2484.420	72.30	74	2499.728	53.89	54	V
11g	1	2462	3	2387.900	62.89	74	2387.900	53.48	54	V
HT20	1	2412	3	2388.280	63.80	74	2389-990	53.83	54	V
HT20	1	2417	3	2389.376	73.52	74	2389.860	52.98	54	V
HT20	1	2437	3	2484.800	62.46	74	2483.660	53.42	54	V
HT20	1	2457	3	2483.514	70.25	74	2485.208	53.81	54	V
HT20	1	2462	3	2483.756	63.57	74	2389.860	53.78	54	V
HT40	1	2422	3	2485.692	63.07	74	2486.660	53.69	54	V
HT40	1	2427	3	2389.420	72.88	74	2389.990	53.89	54	V
HT40	1	2437	3	2389.900	63.55	74	2389.800	53.67	54	V
HT40	1	2447	3	2483.756	73.46	74	2483.756	53.58	54	V
HT40	1	2452	3	2488.596	63.19	74	2487.628	53.37	54	V
Note 1: Measurement worst emissions of receive antenna polarization.										

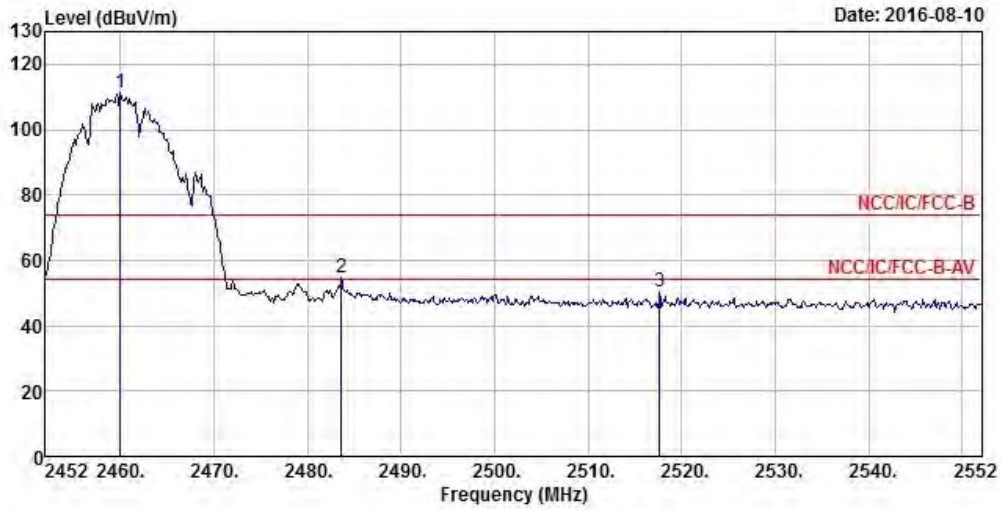
D.1 Transmitter Radiated Bandedge Emissions (Non-restricted Band)

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



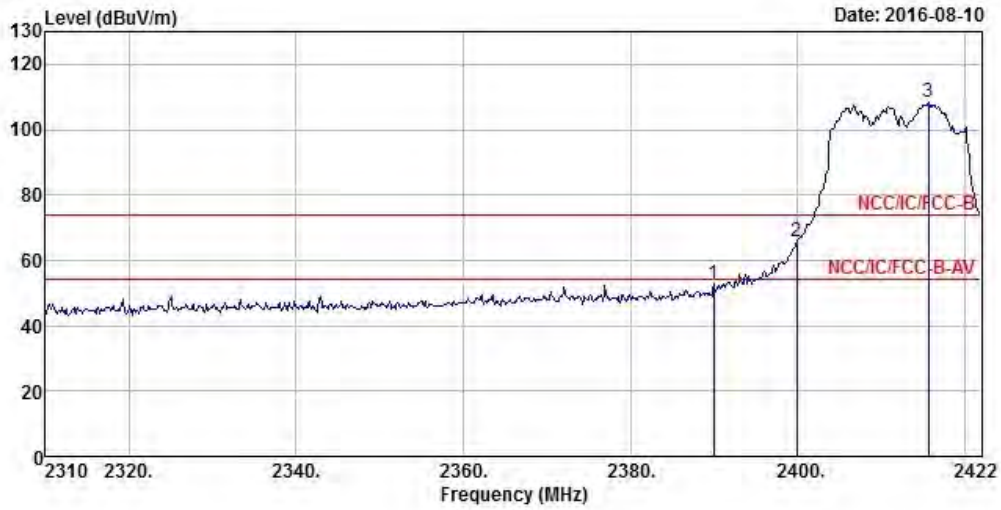
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.520	53.21			21.92	27.01	4.28	0.00	Peak
2	2394.448	54.27			22.96	27.03	4.28	0.00	Peak
3	2413.936	113.19			81.83	27.08	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



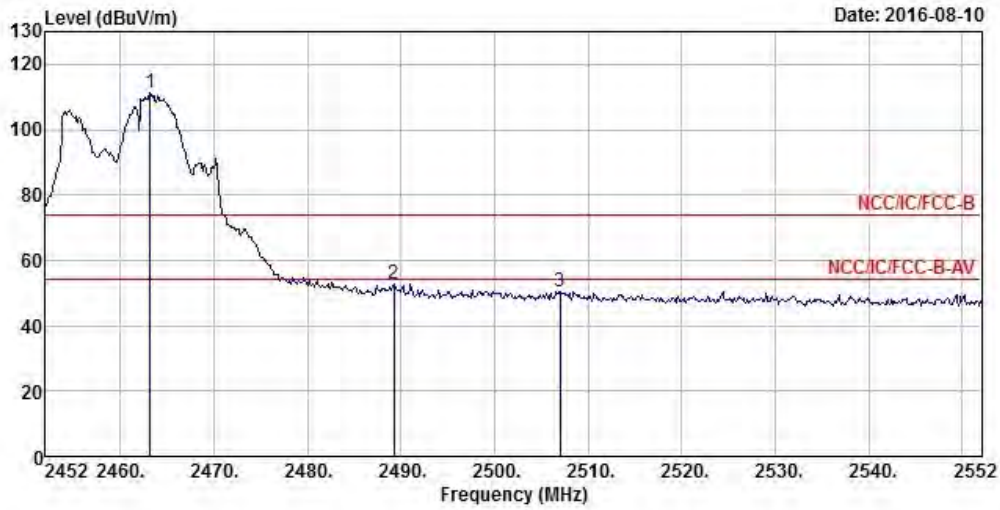
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2460.000	111.20			79.68	27.20	4.32	0.00	Peak
2	2483.600	54.76			23.15	27.26	4.35	0.00	Peak
3	2517.600	50.15			18.43	27.34	4.38	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



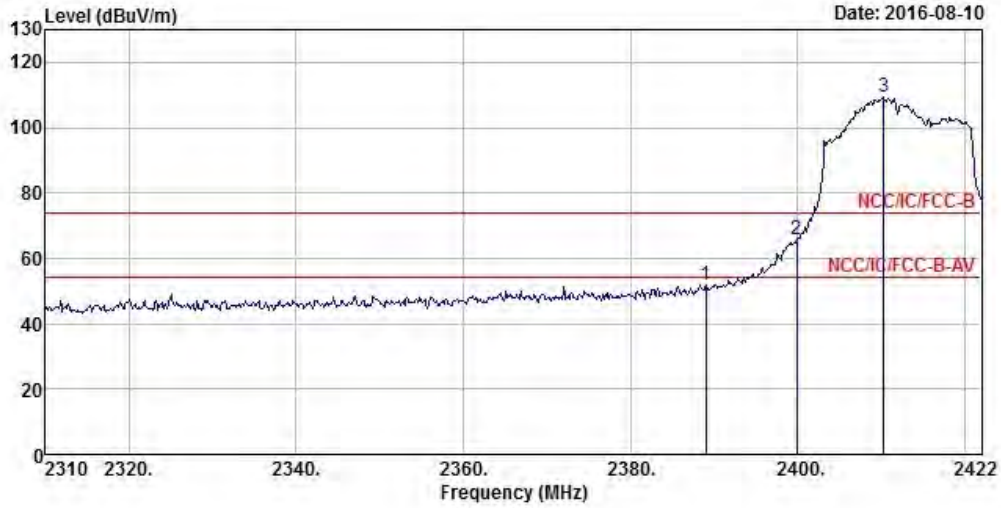
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.968	52.64			21.35	27.01	4.28	0.00	Peak
2	2399.936	65.74			34.42	27.04	4.28	0.00	Peak
3	2415.728	108.24			76.88	27.08	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



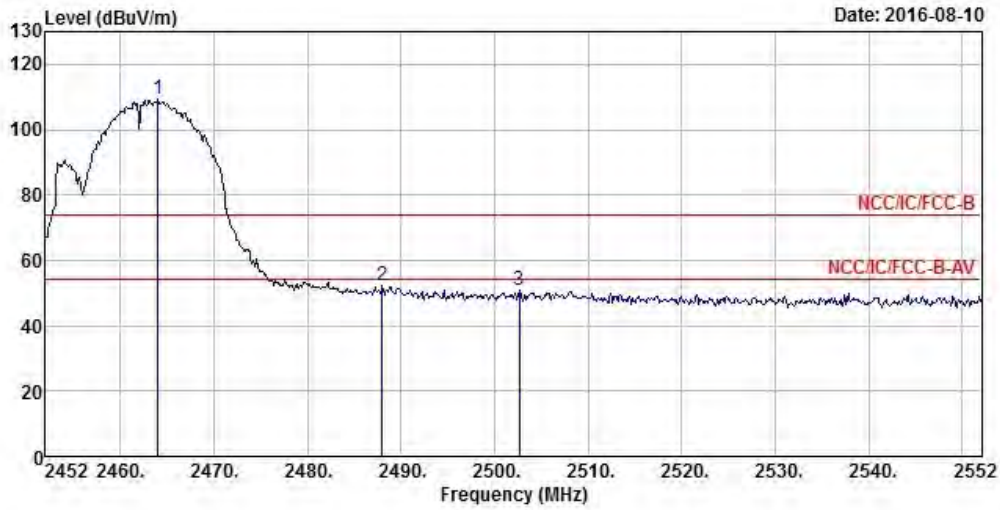
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2463.200	111.22			79.67	27.20	4.35	0.00	Peak
2	2489.200	52.64			21.02	27.27	4.35	0.00	Peak
3	2507.000	50.60			18.90	27.32	4.38	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



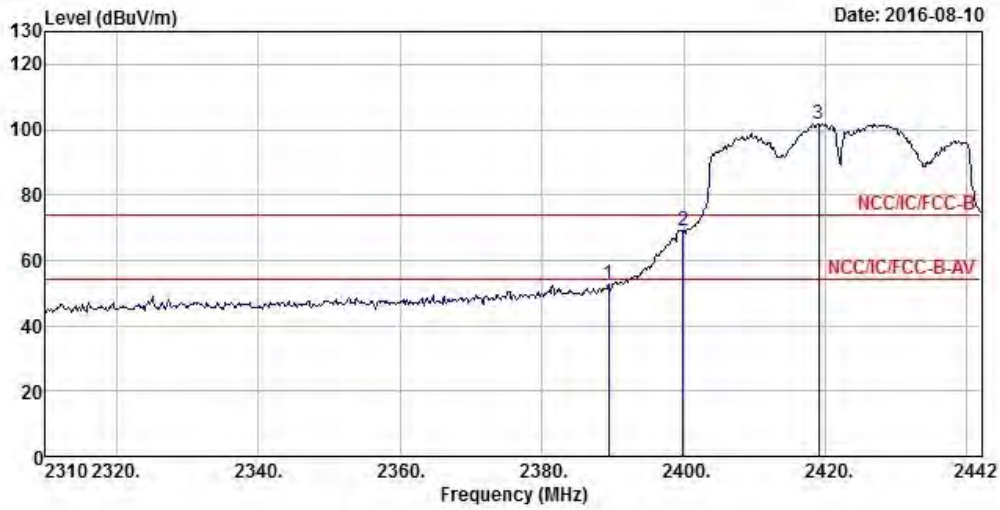
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.072	51.76			20.47	27.01	4.28	0.00	Peak
2	2399.936	65.63			34.31	27.04	4.28	0.00	Peak
3	2410.352	109.14			77.79	27.07	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



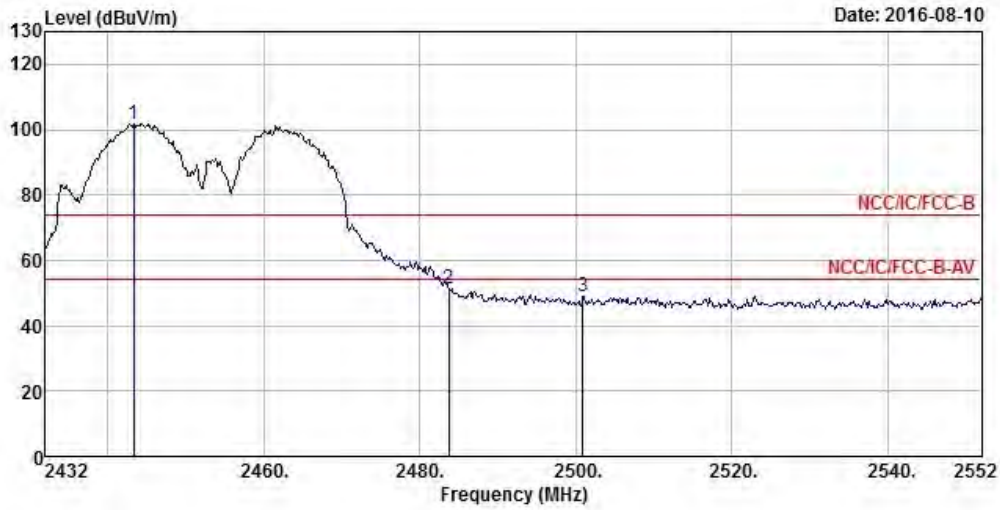
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2464.000	109.43			77.87	27.21	4.35	0.00	Peak
2	2488.000	52.25			20.63	27.27	4.35	0.00	Peak
3	2502.600	50.95			19.26	27.31	4.38	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.464	52.70			21.41	27.01	4.28	0.00	Peak
2	2399.892	69.06			37.74	27.04	4.28	0.00	Peak
3	2419.032	101.93			70.56	27.09	4.28	0.00	Peak

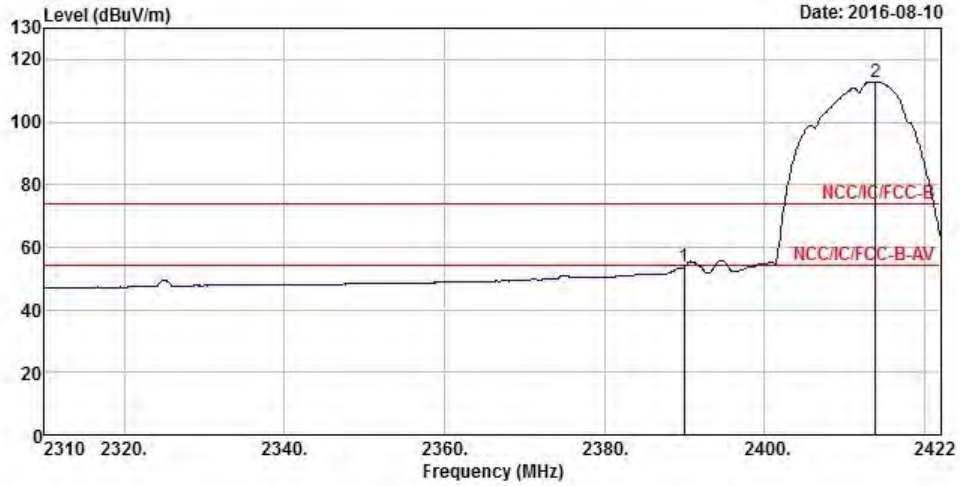
Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2452
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2443.280	101.82			70.35	27.15	4.32	0.00	Peak
2	2483.720	51.36			19.75	27.26	4.35	0.00	Peak
3	2500.880	49.04			17.39	27.30	4.35	0.00	Peak

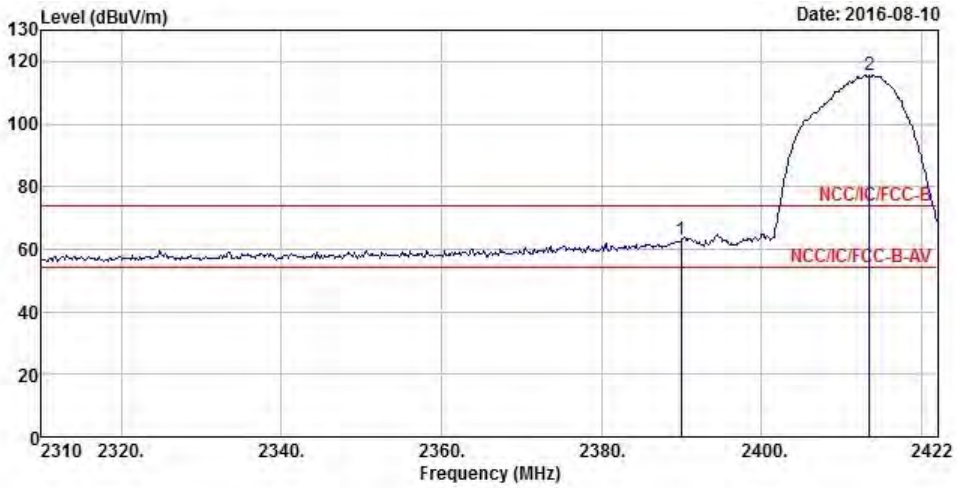
D.2 Transmitter Radiated Bandedge Emissions (Restricted Band)

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



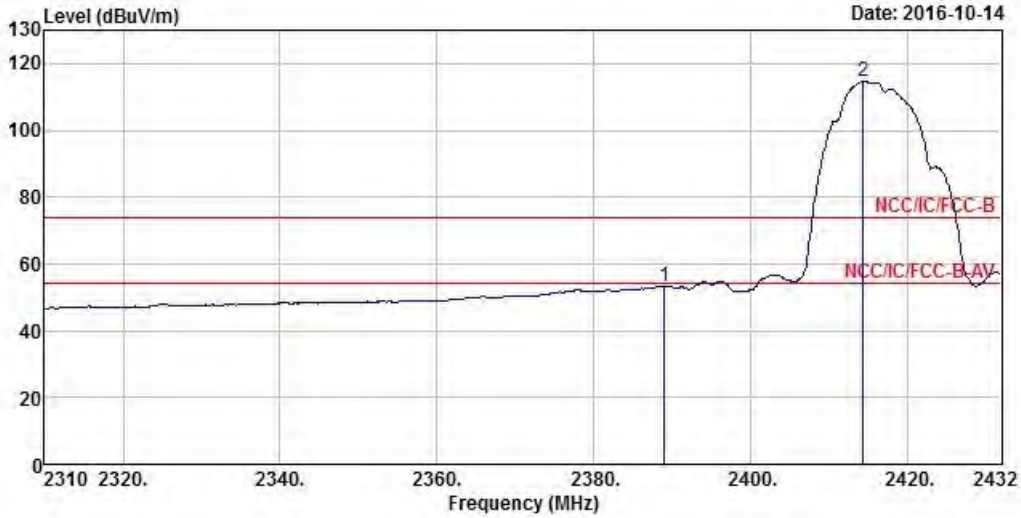
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.968	53.69	-0.31	54.00	22.40	27.01	4.28	0.00	Average
2	2413.936	112.84			81.48	27.08	4.28	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



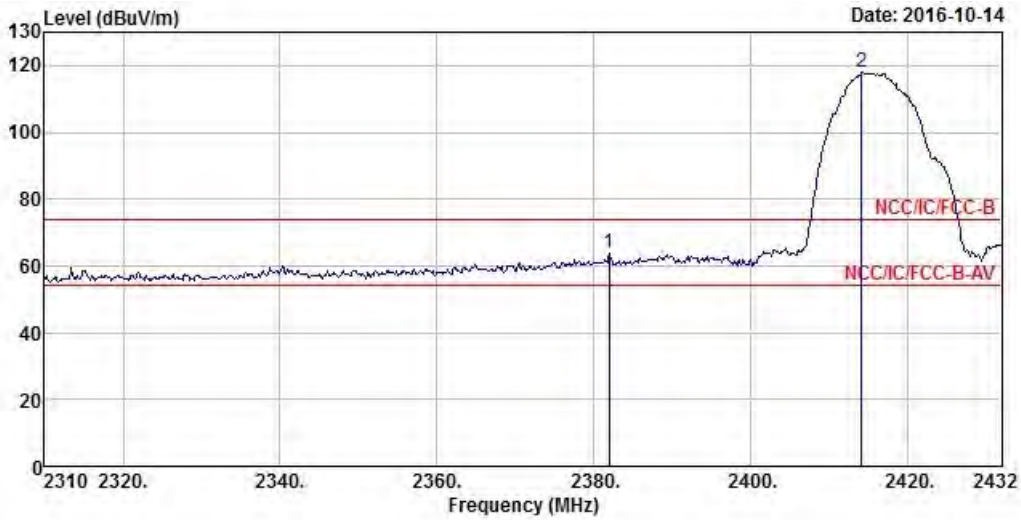
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.968	62.92	-11.08	74.00	31.63	27.01	4.28	0.00	Peak
2	2413.488	115.57			84.21	27.08	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



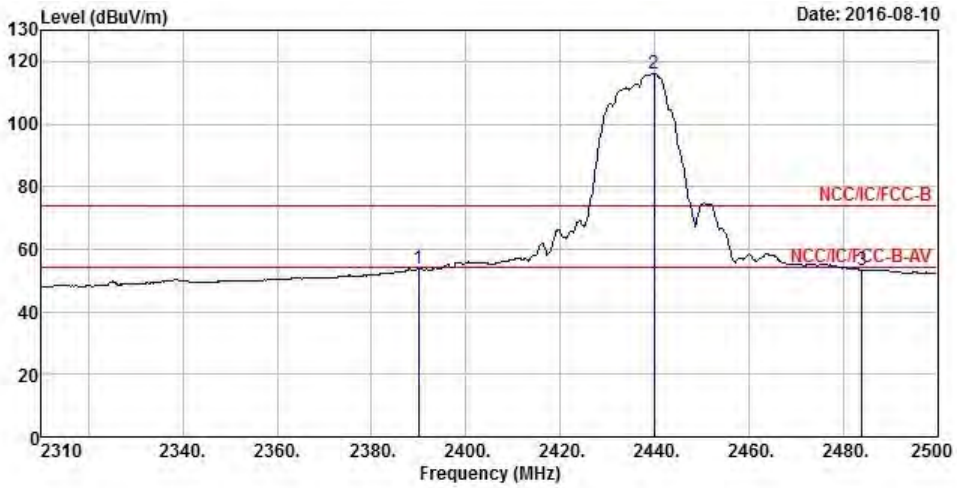
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.056	53.41	-0.59	54.00	22.12	27.01	4.28	0.00	Average
2	2414.432	114.51			83.15	27.08	4.28	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



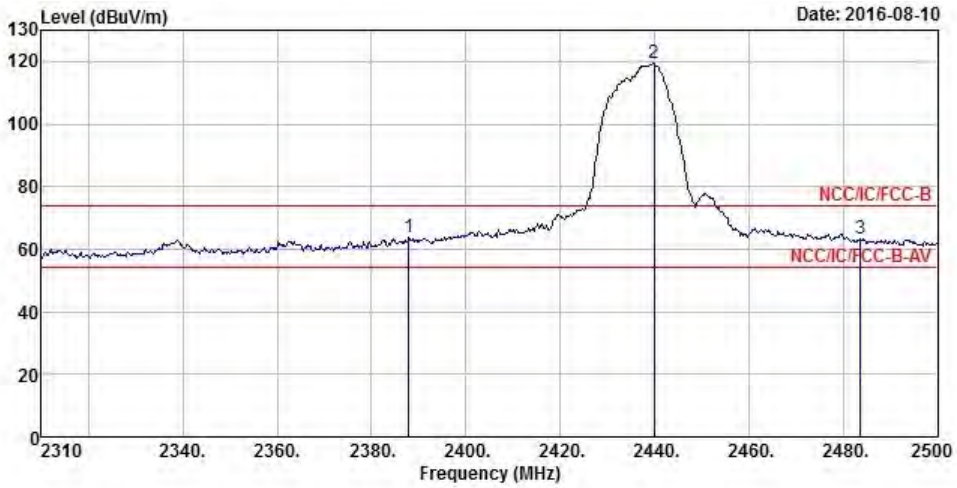
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2381.980	63.61	-10.39	74.00	32.37	26.99	4.25	0.00	Peak
2	2414.188	117.80			86.44	27.08	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



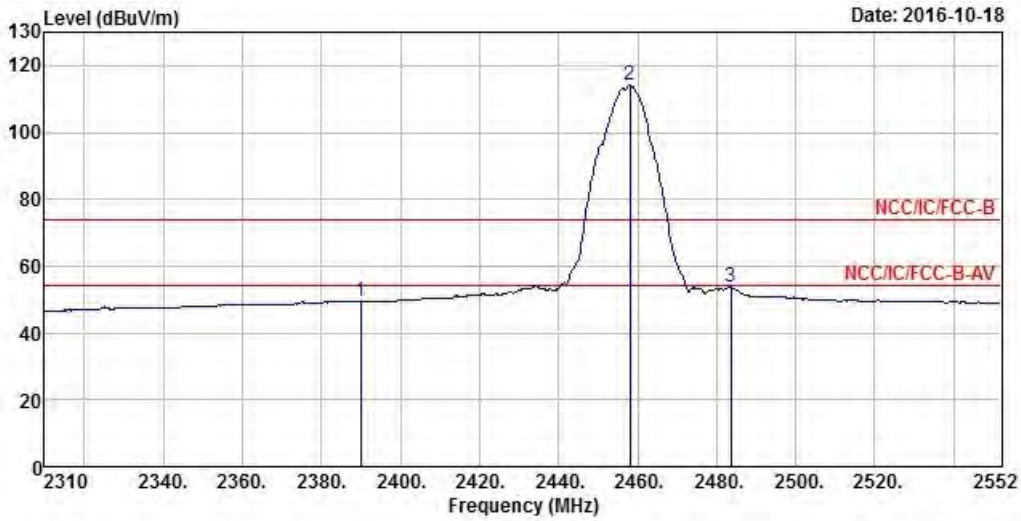
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.990	53.60	-0.40	54.00	22.31	27.01	4.28	0.00	Average
2	2439.960	115.96			84.50	27.14	4.32	0.00	Average
3	2484.040	53.47	-0.53	54.00	21.86	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



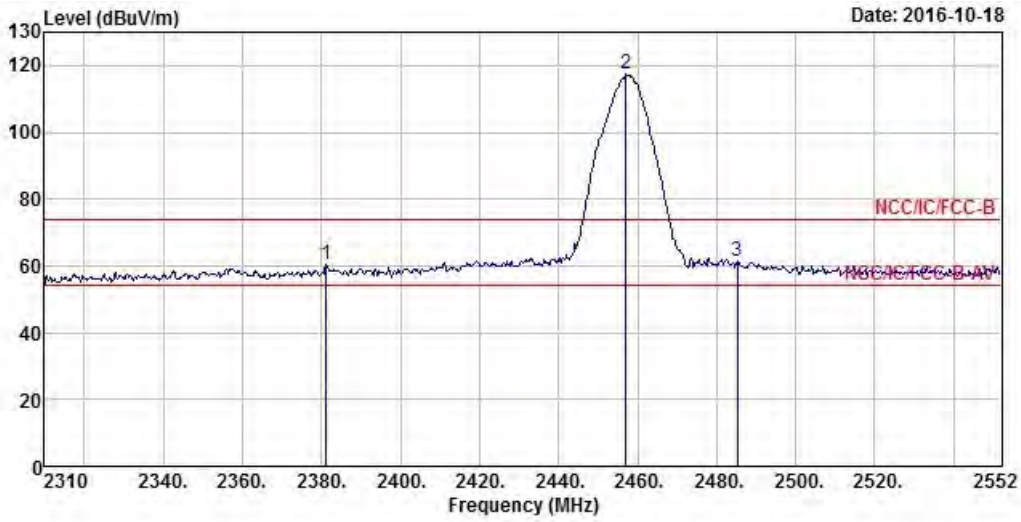
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2387.900	63.63	-10.37	74.00	32.34	27.01	4.28	0.00	Peak
2	2439.960	119.24			87.78	27.14	4.32	0.00	Peak
3	2483.660	63.19	-10.81	74.00	31.58	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



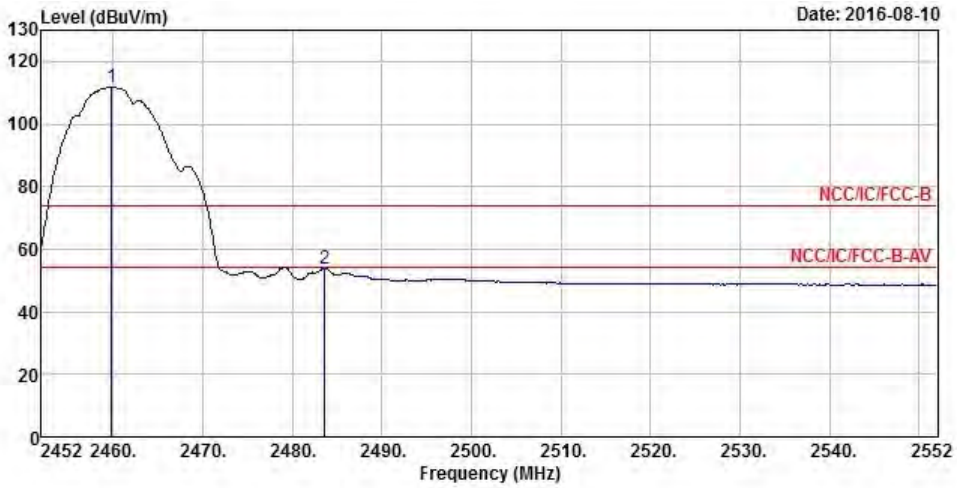
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.860	49.57	-4.43	54.00	18.28	27.01	4.28	0.00	Average
2	2458.104	114.04			82.53	27.19	4.32	0.00	Average
3	2483.514	53.67	-0.33	54.00	22.06	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



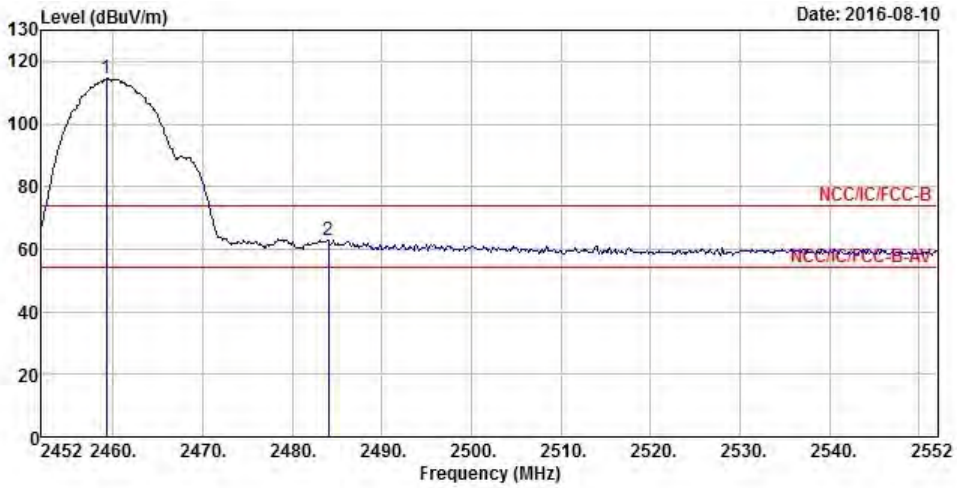
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2381.148	60.21	-13.79	74.00	28.97	26.99	4.25	0.00	Peak
2	2457.136	117.38			85.87	27.19	4.32	0.00	Peak
3	2485.208	61.34	-12.66	74.00	29.73	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



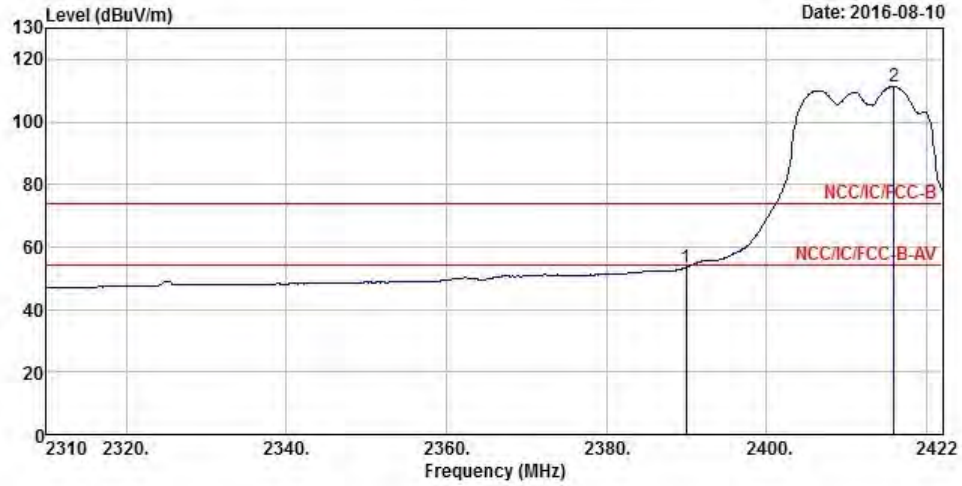
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2459.800	111.69			80.17	27.20	4.32	0.00	Average
2	2483.600	53.79	-0.21	54.00	22.18	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11b	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



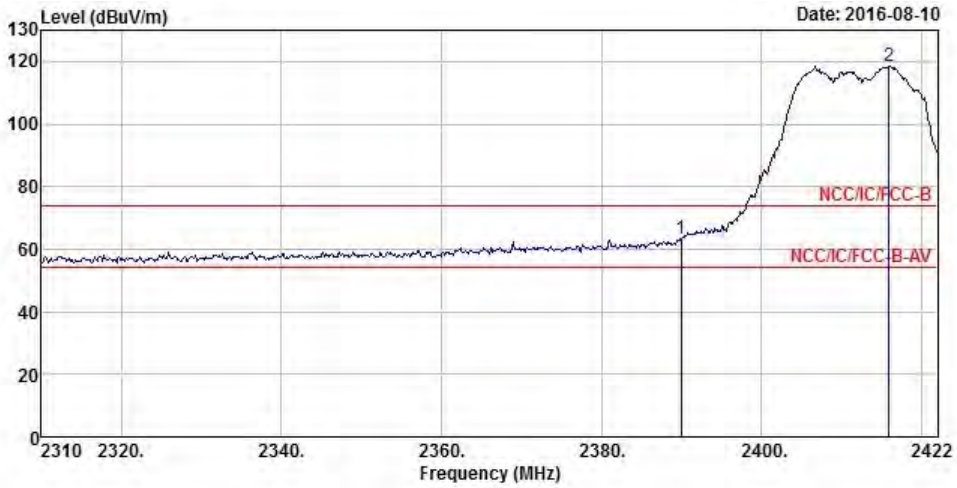
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2459.200	114.52			83.01	27.19	4.32	0.00	Peak
2	2484.000	63.04	-10.96	74.00	31.43	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



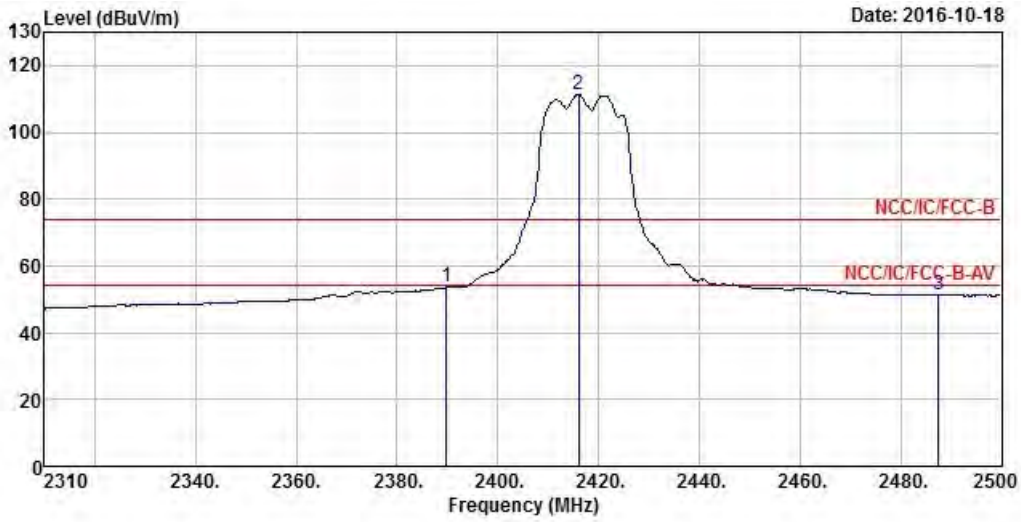
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.968	53.43	-0.57	54.00	22.14	27.01	4.28	0.00	Average
2	2415.952	111.29			79.93	27.08	4.28	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



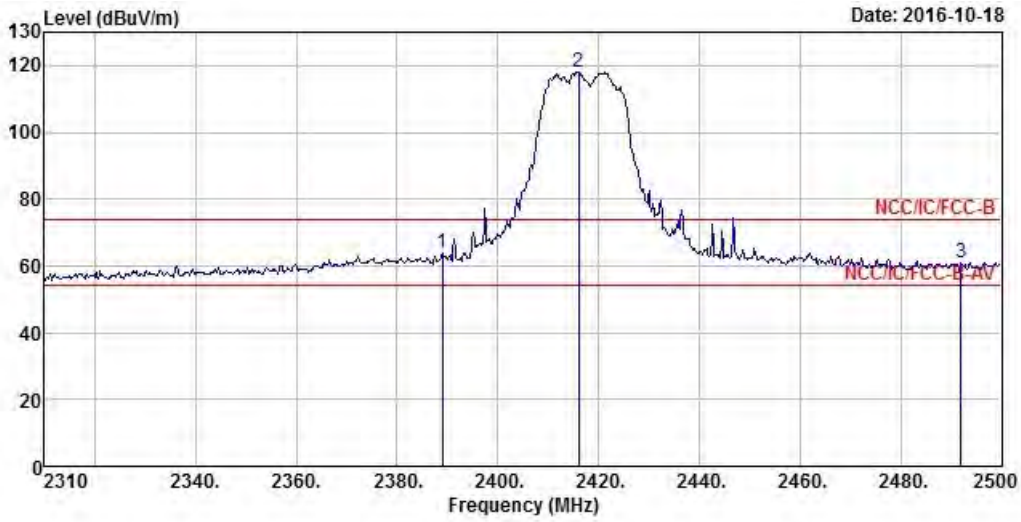
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.968	63.27	-10.73	74.00	31.98	27.01	4.28	0.00	Peak
2	2415.952	118.71			87.35	27.08	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



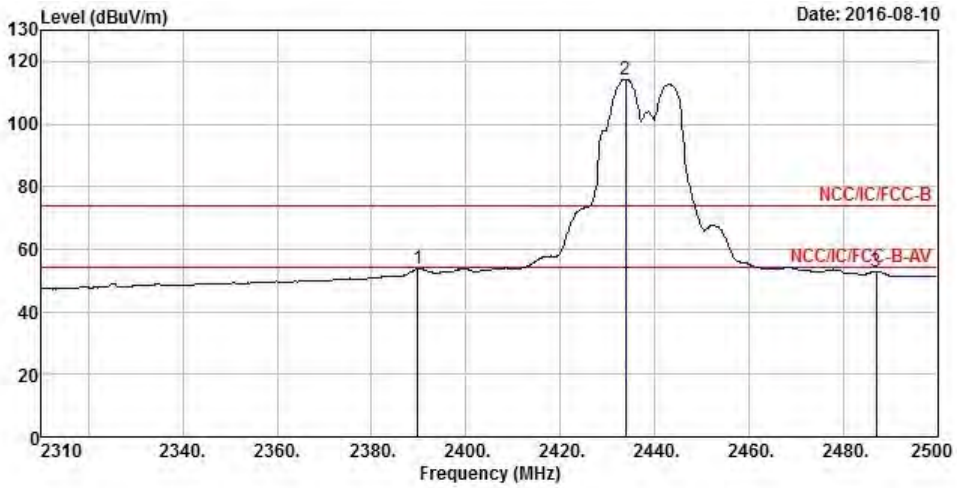
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.800	53.75	-0.25	54.00	22.46	27.01	4.28	0.00	Average
2	2416.020	111.31			79.95	27.08	4.28	0.00	Average
3	2487.460	51.47	-2.53	54.00	19.85	27.27	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



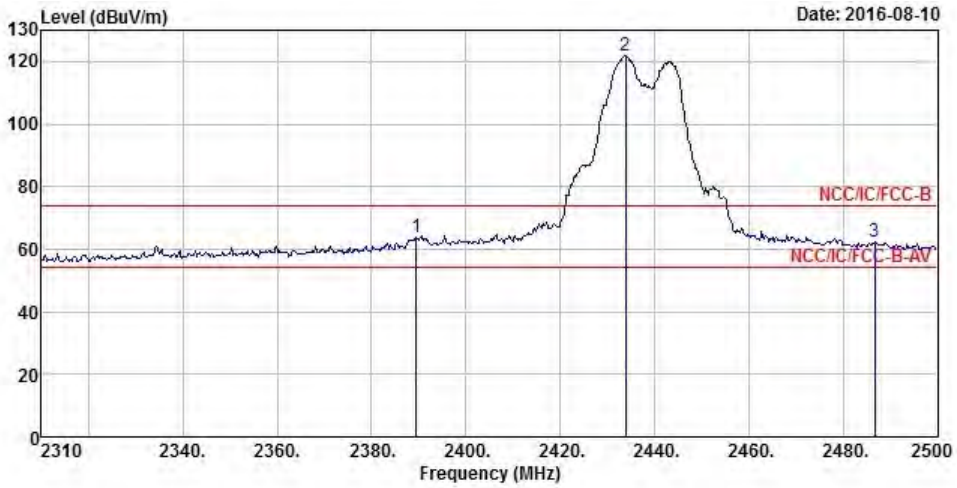
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.040	63.60	-10.40	74.00	32.31	27.01	4.28	0.00	Peak
2	2416.020	118.11			86.75	27.08	4.28	0.00	Peak
3	2492.020	61.09	-12.91	74.00	29.46	27.28	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



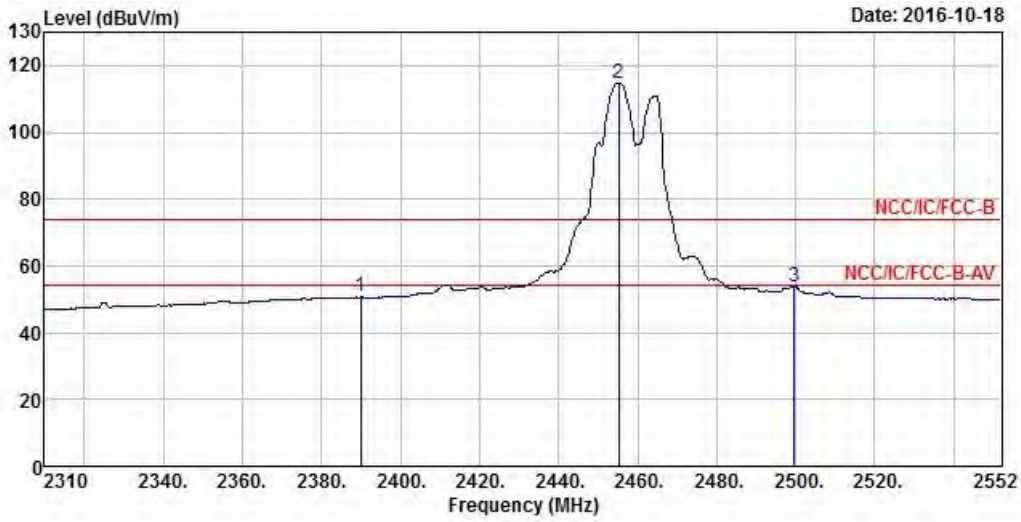
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.800	53.65	-0.35	54.00	22.36	27.01	4.28	0.00	Average
2	2433.880	114.29			82.84	27.13	4.32	0.00	Average
3	2487.080	53.00	-1.00	54.00	21.38	27.27	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



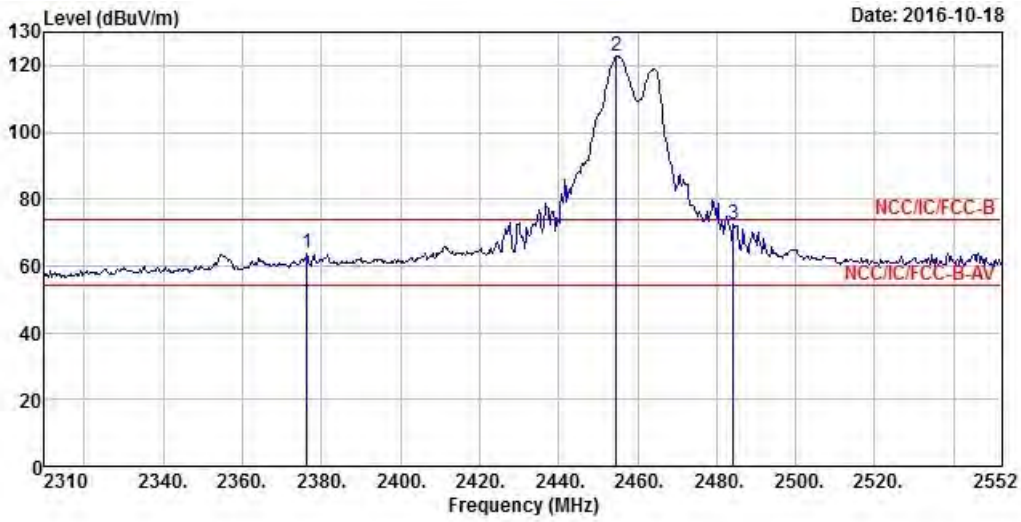
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.420	63.70	-10.30	74.00	32.41	27.01	4.28	0.00	Peak
2	2433.880	121.68			90.23	27.13	4.32	0.00	Peak
3	2486.700	62.21	-11.79	74.00	30.59	27.27	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



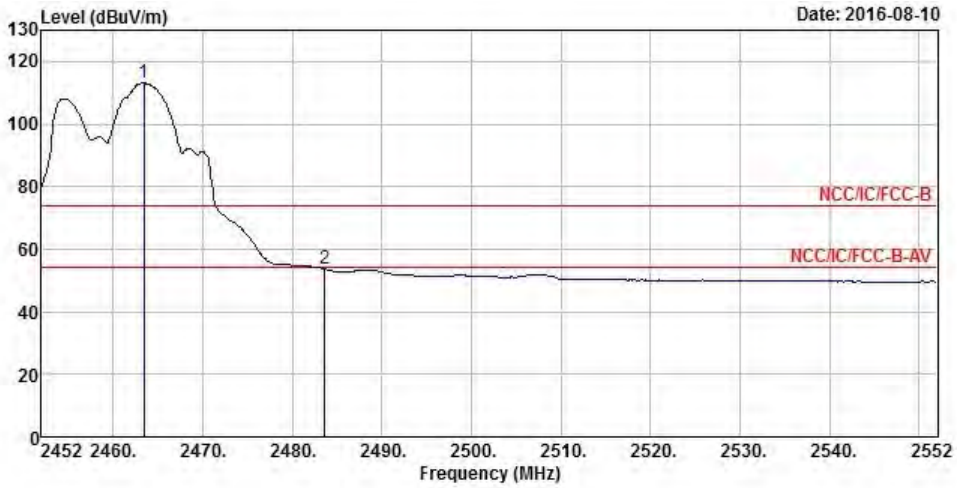
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.860	50.61	-3.39	54.00	19.32	27.01	4.28	0.00	Average
2	2455.200	114.79			83.29	27.18	4.32	0.00	Average
3	2499.728	53.89	-0.11	54.00	22.24	27.30	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



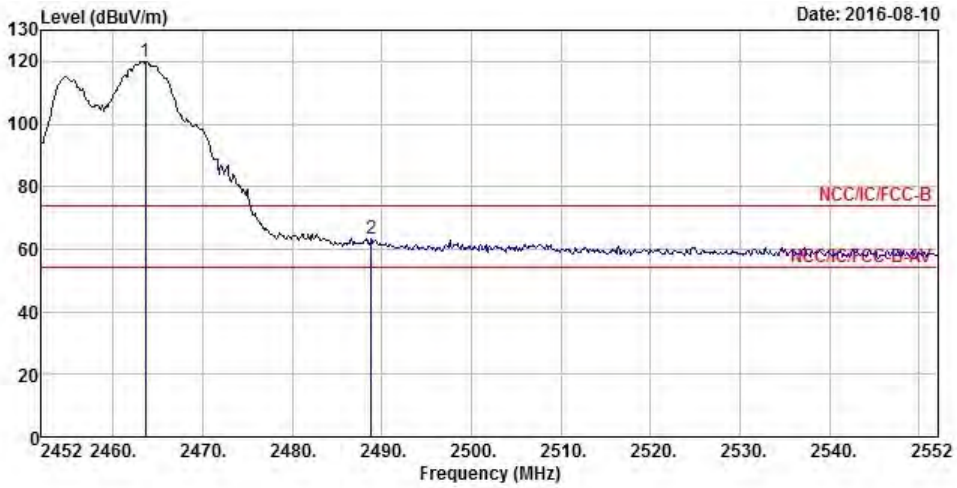
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2376.308	63.86	-10.14	74.00	32.63	26.98	4.25	0.00	Peak
2	2454.716	122.70	-----	-----	91.20	27.18	4.32	0.00	Peak
3	2484.240	72.30	-1.70	74.00	40.69	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



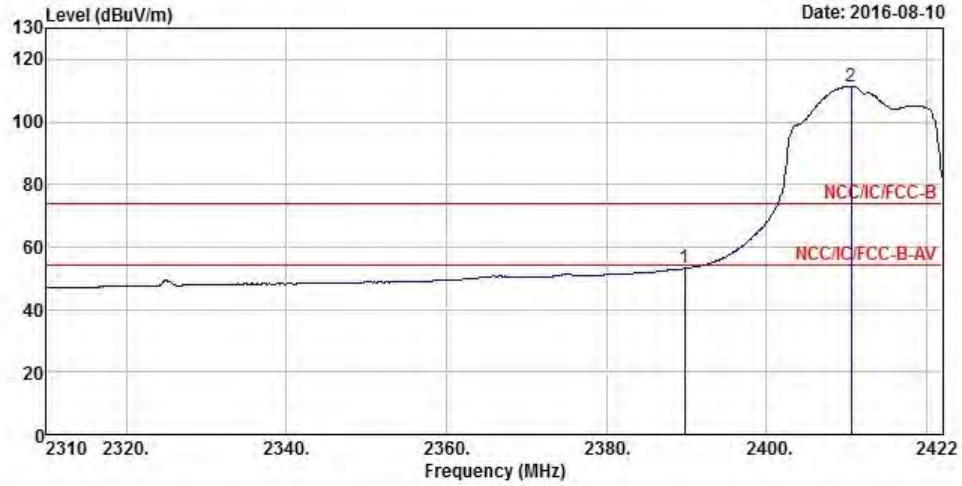
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2463.400	113.04			81.49	27.20	4.35	0.00	Average
2	2483.600	53.72	-0.28	54.00	22.11	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	11g	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



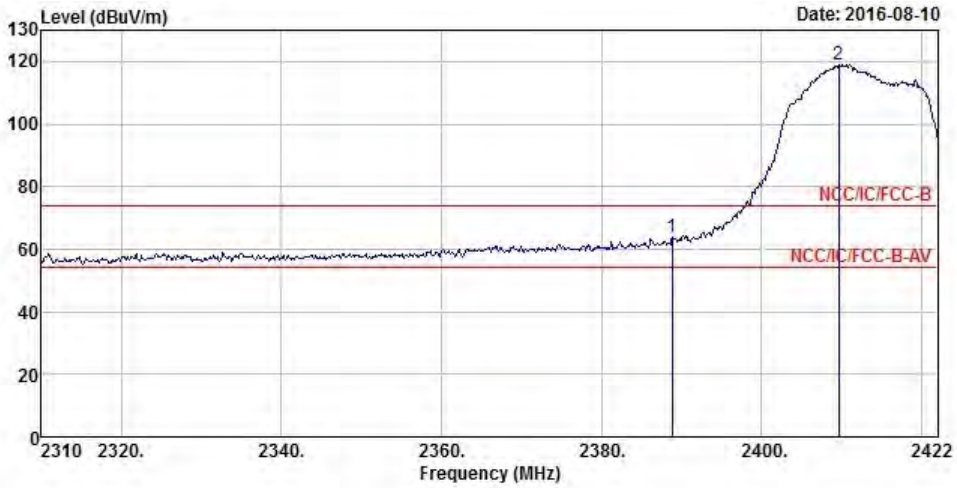
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2463.600	120.02			88.46	27.21	4.35	0.00	Peak
2	2488.800	63.53	-10.47	74.00	31.91	27.27	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



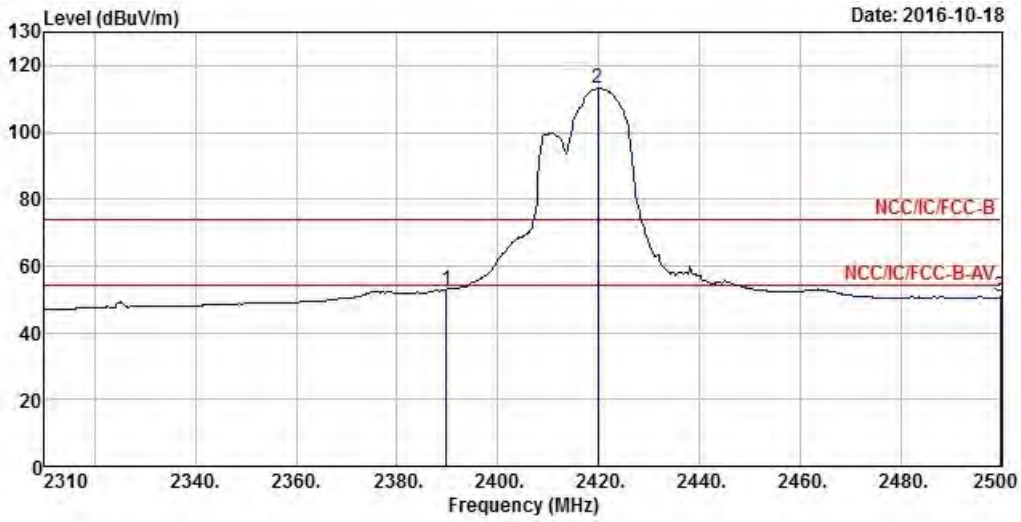
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.744	53.24	-0.76	54.00	21.95	27.01	4.28	0.00	Average
2	2410.576	111.42			80.07	27.07	4.28	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2412
N_{TX}	1	**Polarization**	V



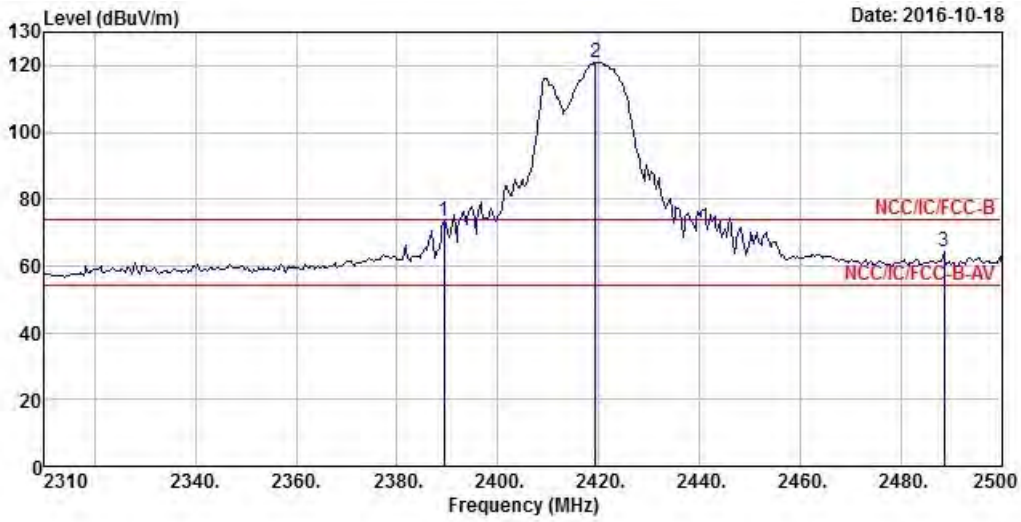
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2388.848	63.65	-10.35	74.00	32.36	27.01	4.28	0.00	Peak
2	2409.680	118.98			87.63	27.07	4.28	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



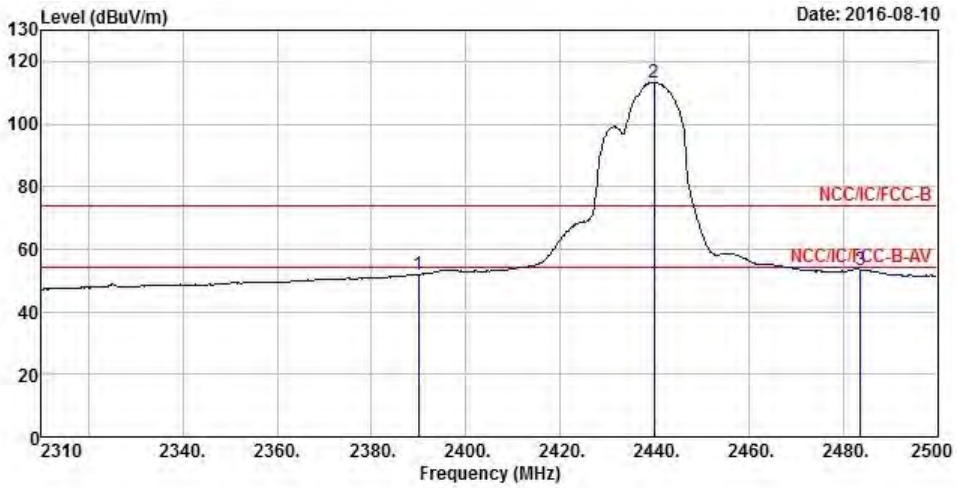
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.860	52.98	-1.02	54.00	21.69	27.01	4.28	0.00	Average
2	2419.868	113.10			81.73	27.09	4.28	0.00	Average
3	2499.728	50.77	-3.23	54.00	19.12	27.30	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2417
N_{TX}	1	**Polarization**	V



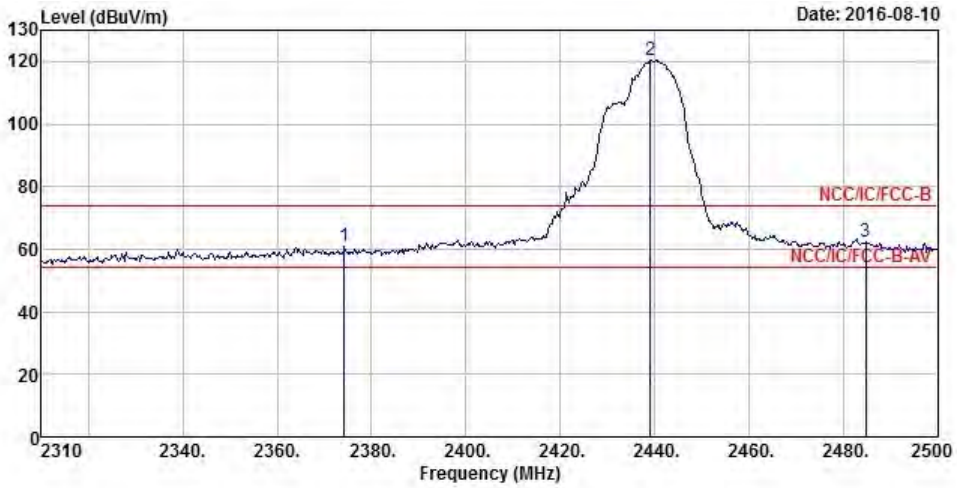
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.376	73.52	-0.48	74.00	42.23	27.01	4.28	0.00	Peak
2	2419.384	120.92			89.55	27.09	4.28	0.00	Peak
3	2488.596	64.29	-9.71	74.00	32.67	27.27	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



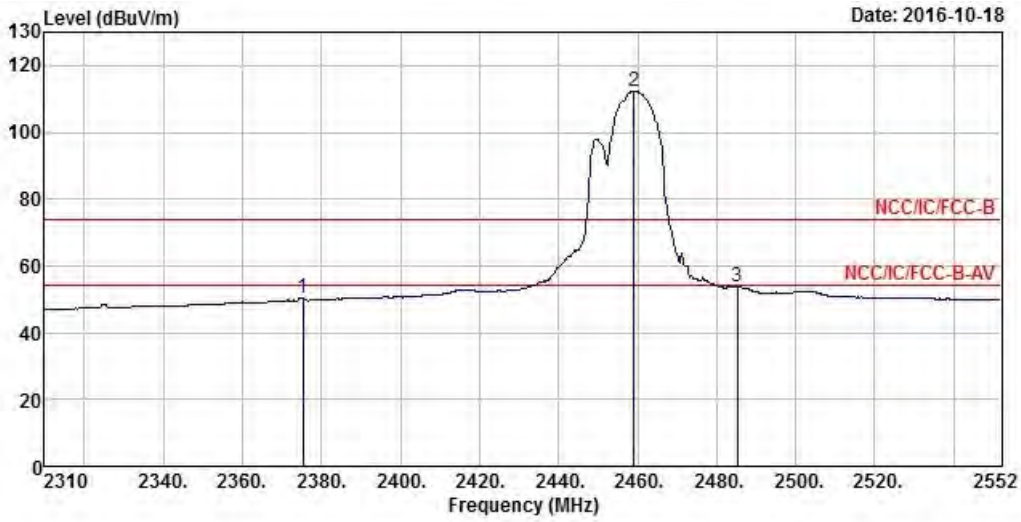
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.990	51.90	-2.10	54.00	20.61	27.01	4.28	0.00	Average
2	2439.960	113.31			81.85	27.14	4.32	0.00	Average
3	2483.660	53.42	-0.58	54.00	21.81	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



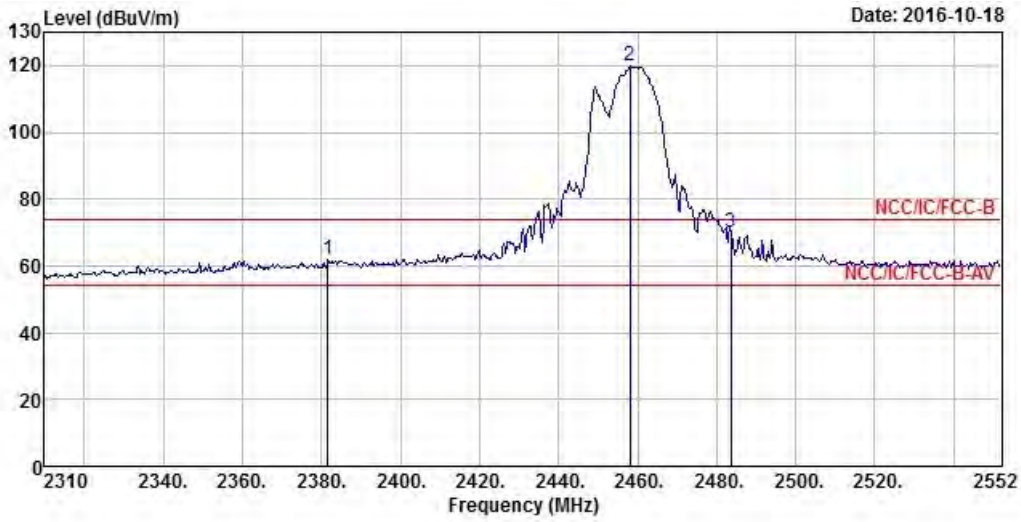
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2374.220	60.75	-13.25	74.00	29.53	26.97	4.25	0.00	Peak
2	2439.200	120.41			88.95	27.14	4.32	0.00	Peak
3	2484.800	62.46	-11.54	74.00	30.85	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



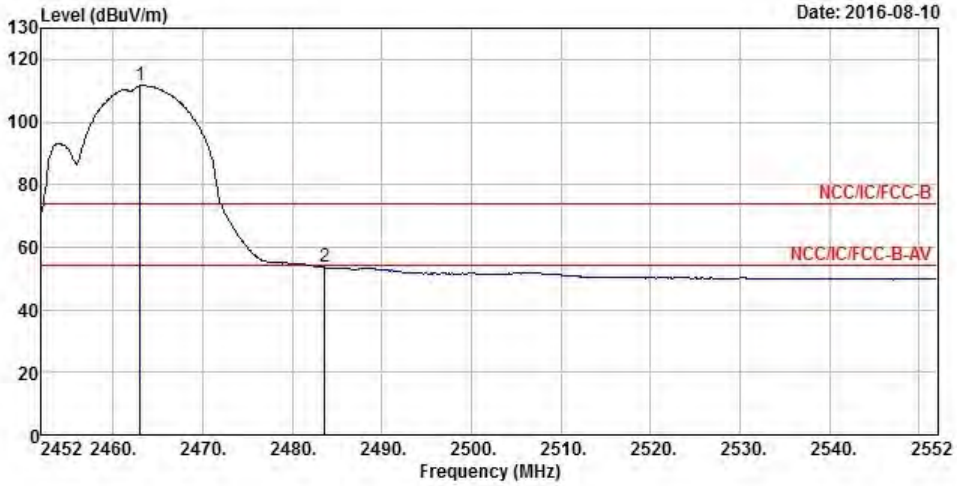
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2375.340	50.54	-3.46	54.00	19.31	26.98	4.25	0.00	Average
2	2459.072	112.25	-----	-----	80.74	27.19	4.32	0.00	Average
3	2485.208	53.81	-0.19	54.00	22.20	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2457
N_{TX}	1	**Polarization**	V



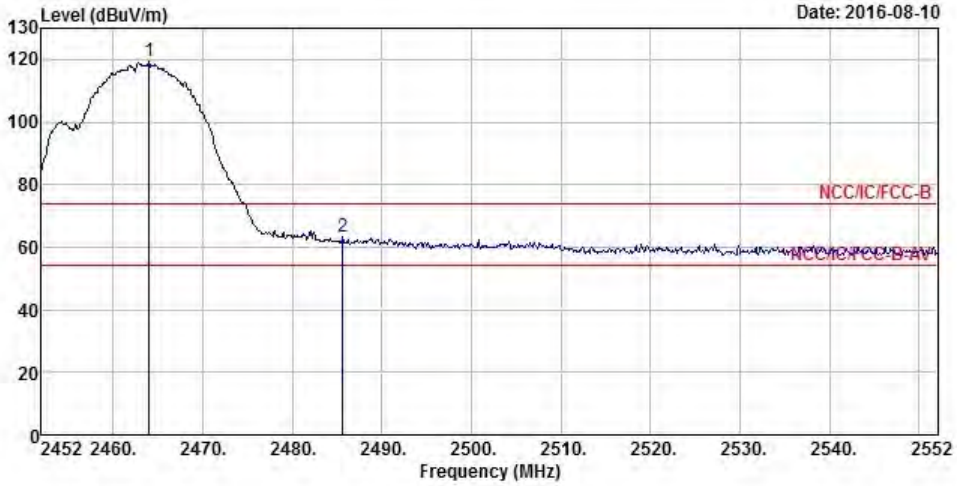
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2381.632	62.07	-11.93	74.00	30.83	26.99	4.25	0.00	Peak
2	2458.104	119.72			88.21	27.19	4.32	0.00	Peak
3	2483.514	70.25	-3.75	74.00	38.64	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



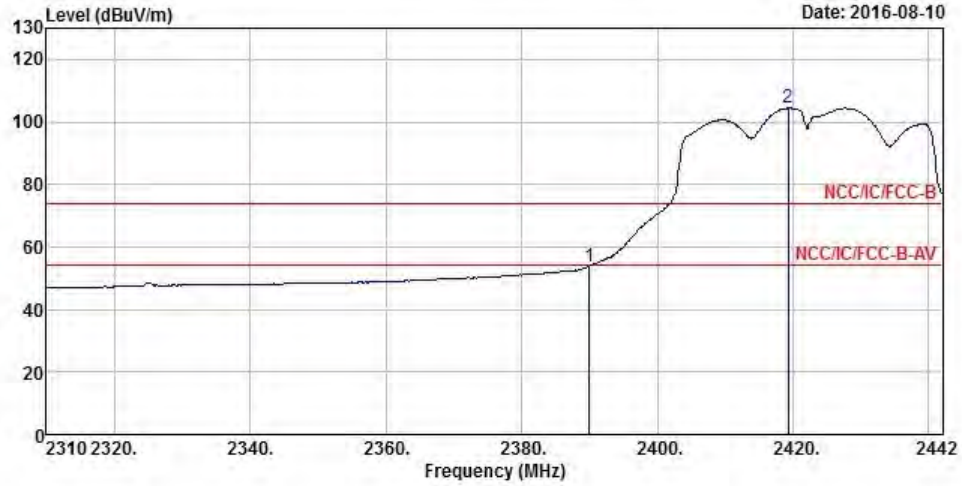
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2463.000	111.64			80.09	27.20	4.35	0.00	Average
2	2483.600	53.56	-0.44	54.00	21.95	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT20	**Test Freq. (MHz)**	2462
N_{TX}	1	**Polarization**	V



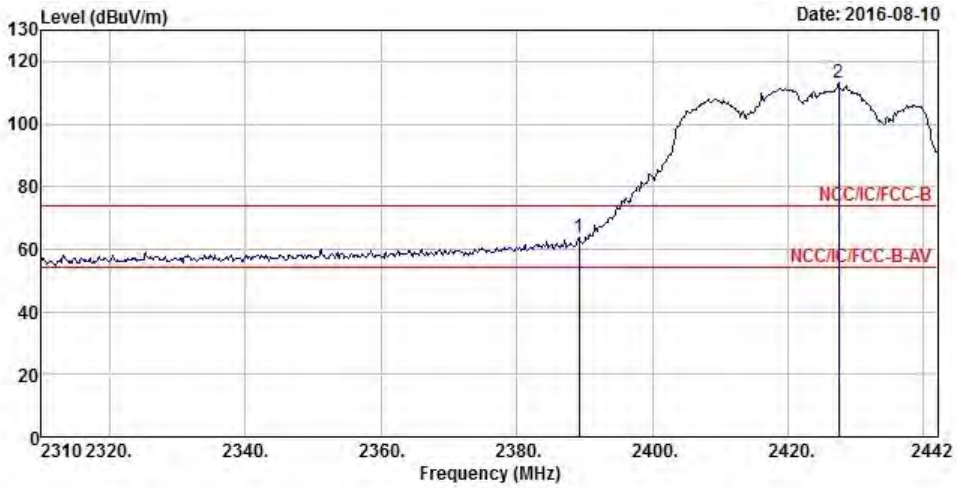
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2464.000	119.23			87.67	27.21	4.35	0.00	Peak
2	2485.600	63.45	-10.55	74.00	31.84	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2422
N_{TX}	1	**Polarization**	V



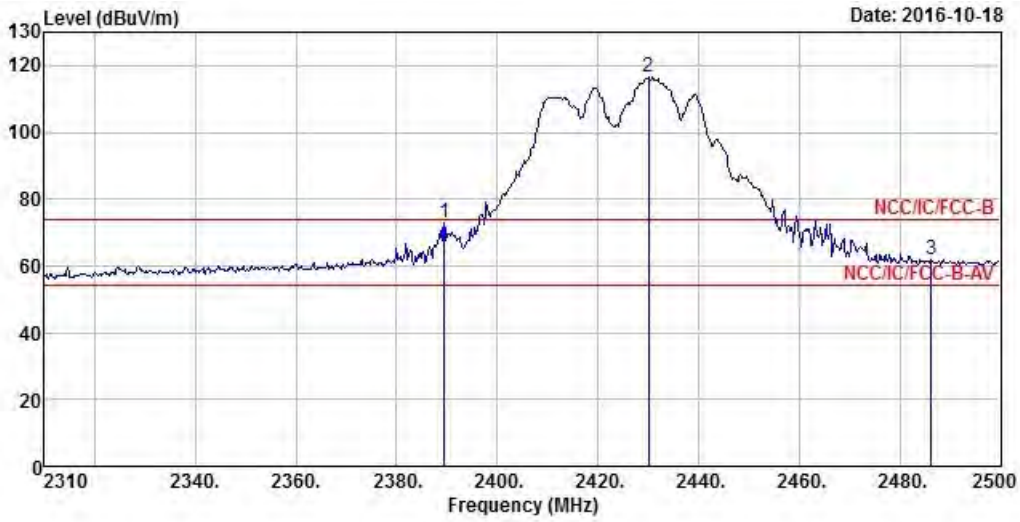
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.992	53.81	-0.19	54.00	22.52	27.01	4.28	0.00	Average
2	2419.296	104.36			72.99	27.09	4.28	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2422
N_{TX}	1	**Polarization**	V



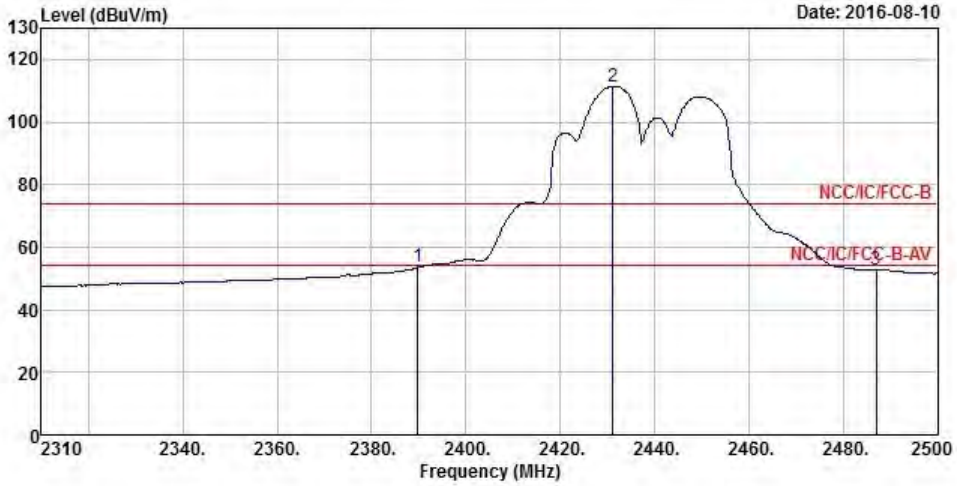
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.200	63.76	-10.24	74.00	32.47	27.01	4.28	0.00	Peak
2	2427.480	113.02			81.59	27.11	4.32	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2427
N_{TX}	1	**Polarization**	V



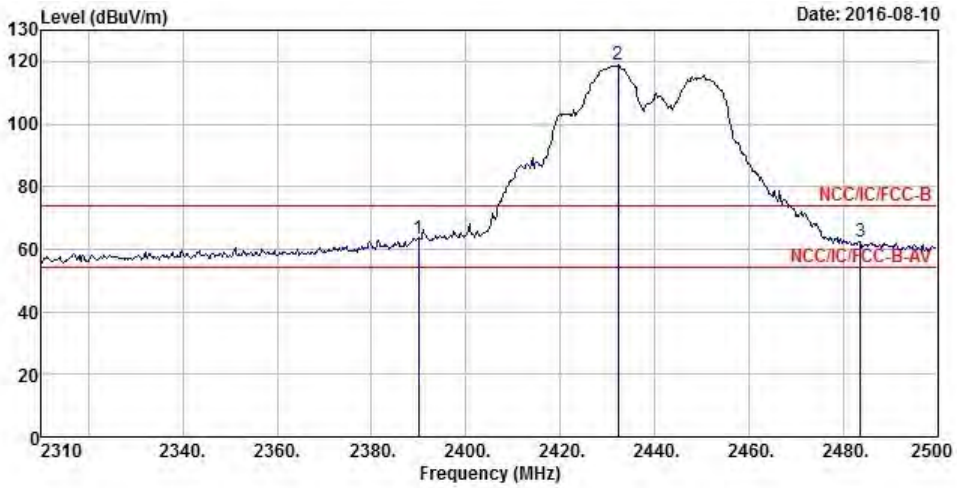
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.420	72.88	-1.12	74.00	41.59	27.01	4.28	0.00	Peak
2	2430.080	116.59			85.15	27.12	4.32	0.00	Peak
3	2486.320	61.77	-12.23	74.00	30.16	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



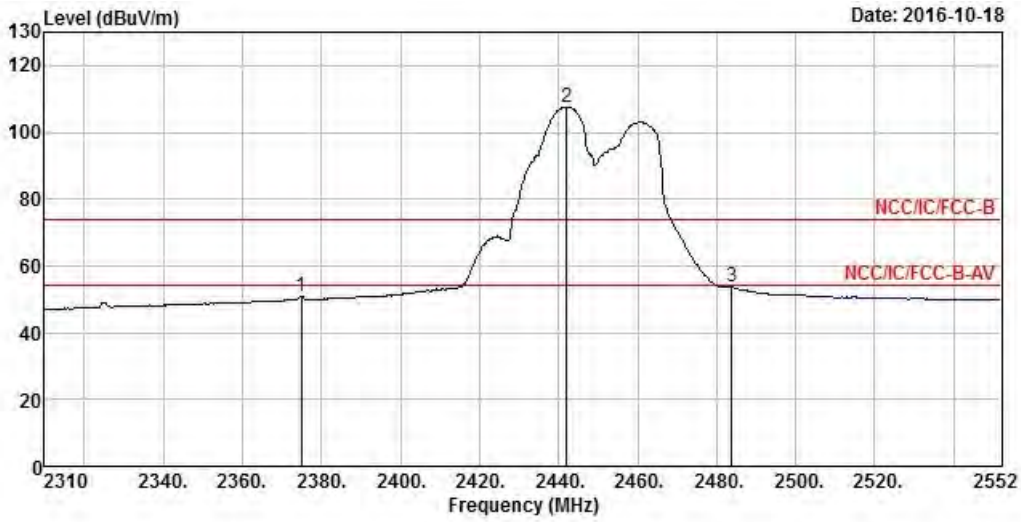
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.800	53.67	-0.33	54.00	22.38	27.01	4.28	0.00	Average
2	2431.220	111.46			80.02	27.12	4.32	0.00	Average
3	2487.080	52.88	-1.12	54.00	21.26	27.27	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2437
N_{TX}	1	**Polarization**	V



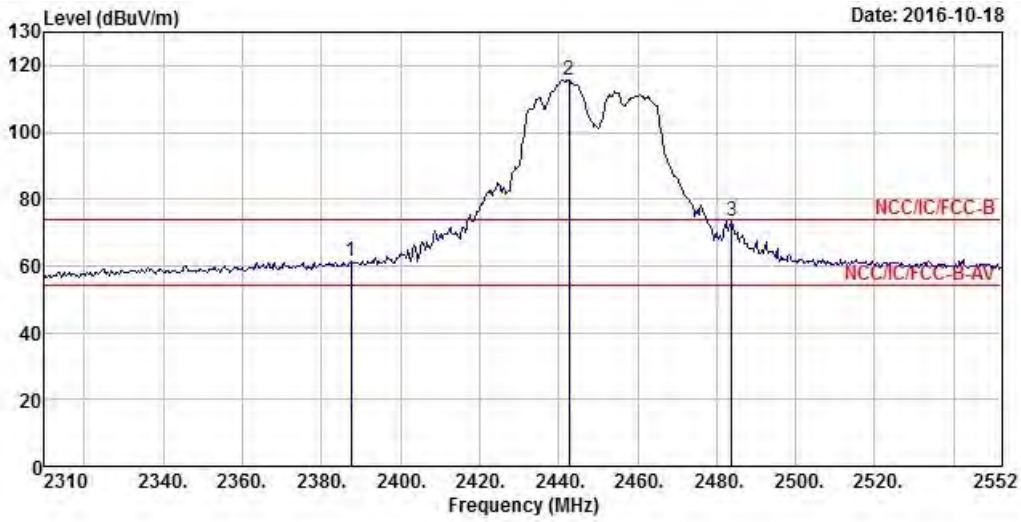
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.990	63.55	-10.45	74.00	32.26	27.01	4.28	0.00	Peak
2	2432.360	119.02			87.58	27.12	4.32	0.00	Peak
3	2483.660	62.42	-11.58	74.00	30.81	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2447
N_{TX}	1	**Polarization**	V



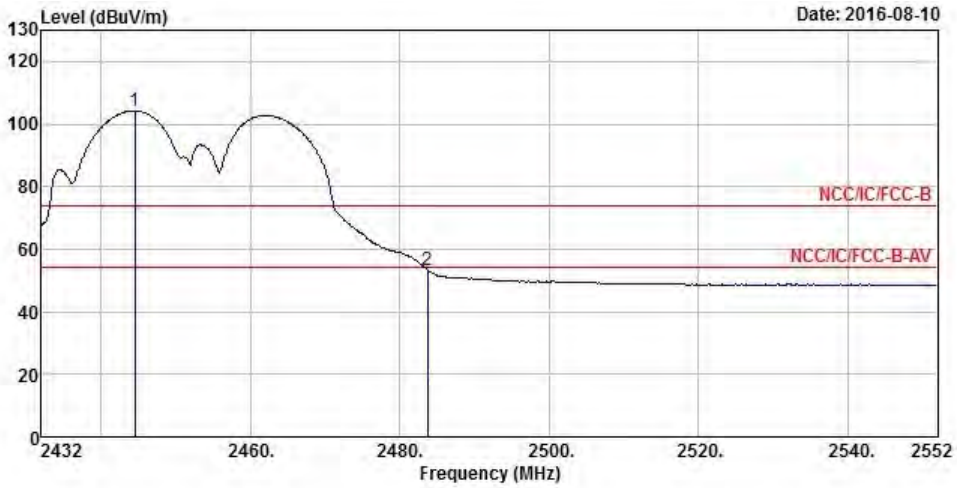
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2374.856	50.85	-3.15	54.00	19.63	26.97	4.25	0.00	Average
2	2442.132	107.65			76.18	27.15	4.32	0.00	Average
3	2483.756	53.58	-0.42	54.00	21.97	27.26	4.35	0.00	Average

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2447
N_{TX}	1	**Polarization**	V



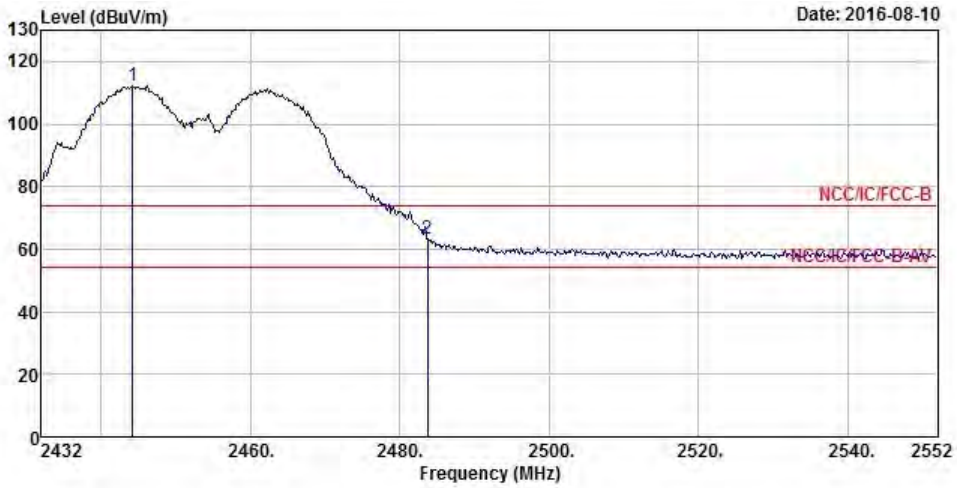
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2387.440	61.19	-12.81	74.00	29.90	27.01	4.28	0.00	Peak
2	2442.616	115.80			84.33	27.15	4.32	0.00	Peak
3	2483.756	73.46	-0.54	74.00	41.85	27.26	4.35	0.00	Peak

Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2452
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2444.480	104.25			72.77	27.16	4.32	0.00	Average
2	2483.720	53.48	-0.52	54.00	21.87	27.26	4.35	0.00	Average

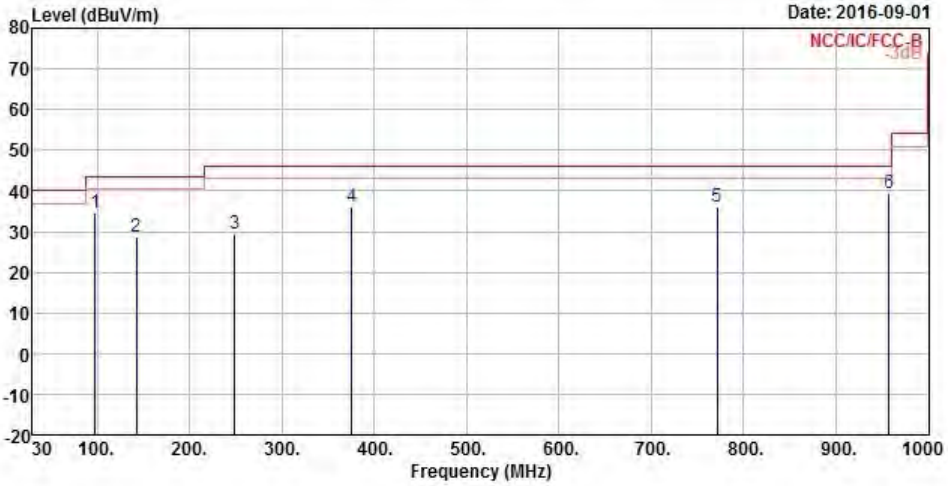
Transmitter Radiated Bandedge Emissions			
Modulation Mode	HT40	**Test Freq. (MHz)**	2452
N_{TX}	1	**Polarization**	V



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2444.240	112.10			80.62	27.16	4.32	0.00	Peak
2	2483.720	63.31	-10.69	74.00	31.70	27.26	4.35	0.00	Peak

Transmitter Radiated Unwanted Emissions (Below 1GHz)

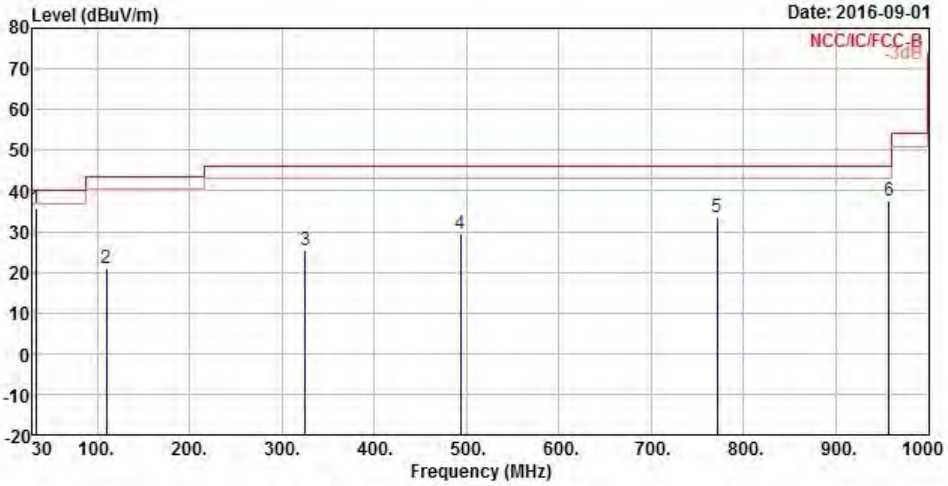
Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	V
Operating Function	Adapter Mode		



	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	97.900	34.50	-9.00	43.50	55.72	15.05	0.56	36.83	Peak
2	142.520	28.56	-14.94	43.50	47.64	16.90	0.66	36.64	Peak
3	249.220	29.50	-16.50	46.00	47.09	17.92	0.88	36.39	Peak
4	375.320	36.15	-9.85	46.00	50.76	20.91	1.08	36.60	Peak
5	771.080	35.94	-10.06	46.00	44.73	27.11	1.63	37.53	Peak
6	957.320	39.41	-6.59	46.00	44.96	30.04	1.85	37.44	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)

Radiated Unwanted Emissions (Below 1GHz)			
Operating Mode	1	**Polarization**	H
Operating Function	Adapter Mode		

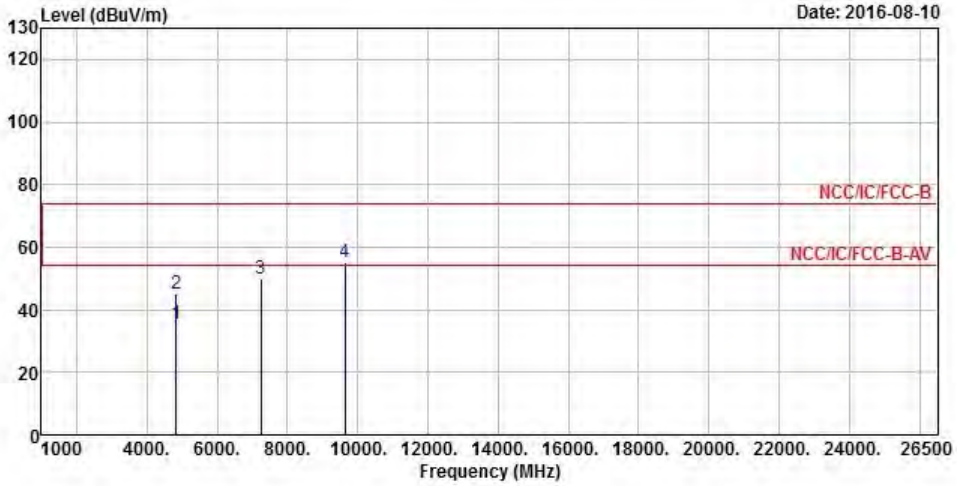


	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	33.880	35.58	-4.42	40.00	49.81	22.80	0.34	37.37	QP
2	109.540	20.93	-22.57	43.50	40.88	16.25	0.58	36.78	Peak
3	324.880	25.25	-20.75	46.00	41.16	19.55	1.01	36.47	Peak
4	493.660	29.27	-16.73	46.00	41.76	23.19	1.28	36.96	Peak
5	771.080	33.47	-12.53	46.00	42.26	27.11	1.63	37.53	Peak
6	957.320	37.70	-8.30	46.00	43.25	30.04	1.85	37.44	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)

Transmitter Radiated Unwanted Emissions (Above 1GHz)

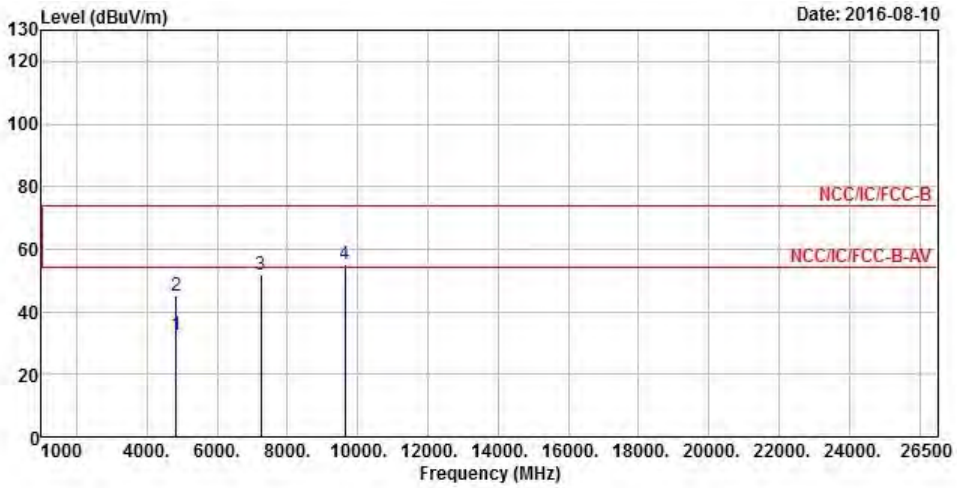
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	V



	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	4824.000	35.41	-18.59	54.00	33.31	31.15	6.11	35.16	Average
2	4824.000	44.85	-29.15	74.00	42.75	31.15	6.11	35.16	Peak
3	7236.000	50.12			42.05	35.91	7.57	35.41	Peak
4	9648.000	55.35			43.81	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (115.57 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

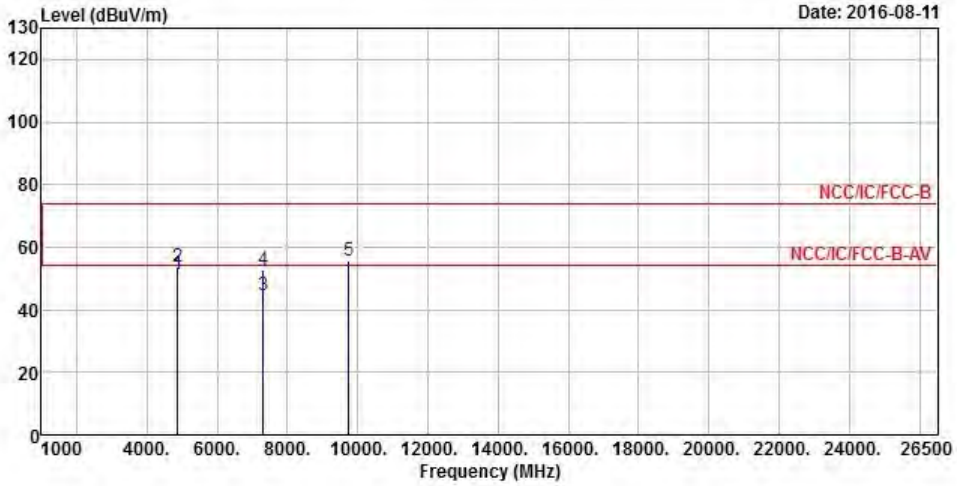
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	H



	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	4824.000	32.74	-21.26	54.00	30.64	31.15	6.11	35.16	Average
2	4824.000	45.22	-28.78	74.00	43.12	31.15	6.11	35.16	Peak
3	7236.000	51.63			43.56	35.91	7.57	35.41	Peak
4	9648.000	55.05			43.51	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (115.57dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

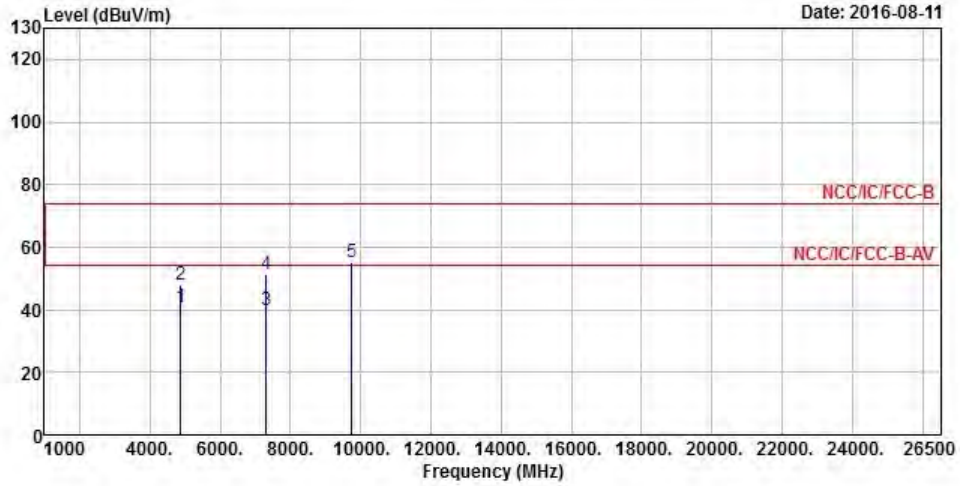
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	V



	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	4874.000	51.50	-2.50	54.00	49.31	31.22	6.13	35.16	Average
2	4874.000	53.70	-20.30	74.00	51.51	31.22	6.13	35.16	Peak
3	7311.000	44.50	-9.50	54.00	36.21	36.11	7.60	35.42	Average
4	7311.000	53.00	-21.00	74.00	44.71	36.11	7.60	35.42	Peak
5	9748.000	55.80			44.11	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.24 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

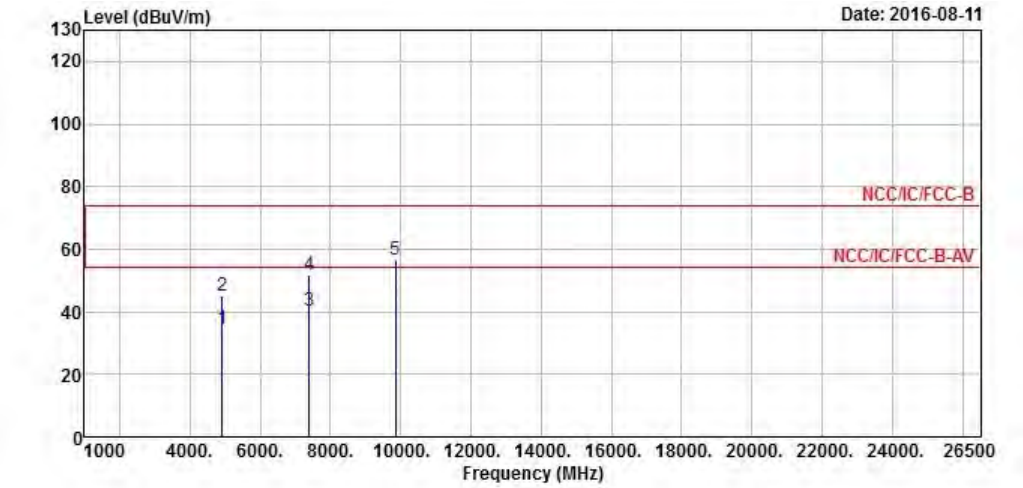
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	H



	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	4874.000	40.54	-13.46	54.00	38.35	31.22	6.13	35.16	Average
2	4874.000	48.14	-25.86	74.00	45.95	31.22	6.13	35.16	Peak
3	7311.000	39.81	-14.19	54.00	31.52	36.11	7.60	35.42	Average
4	7311.000	51.52	-22.48	74.00	43.23	36.11	7.60	35.42	Peak
5	9748.000	55.23			43.54	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.24 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

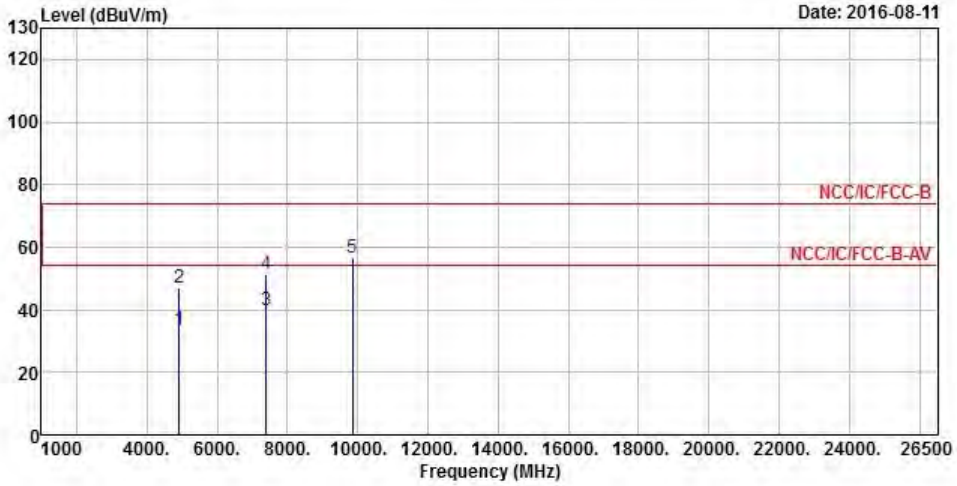
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	V



	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	4924.000	34.52	-19.48	54.00	32.21	31.29	6.17	35.15	Average
2	4924.000	45.14	-28.86	74.00	42.83	31.29	6.17	35.15	Peak
3	7386.000	40.44	-13.56	54.00	31.94	36.30	7.63	35.43	Average
4	7386.000	51.86	-22.14	74.00	43.36	36.30	7.63	35.43	Peak
5	9848.000	56.49			44.61	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least **30** dB relative to the maximum measured in-band level (114.52 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

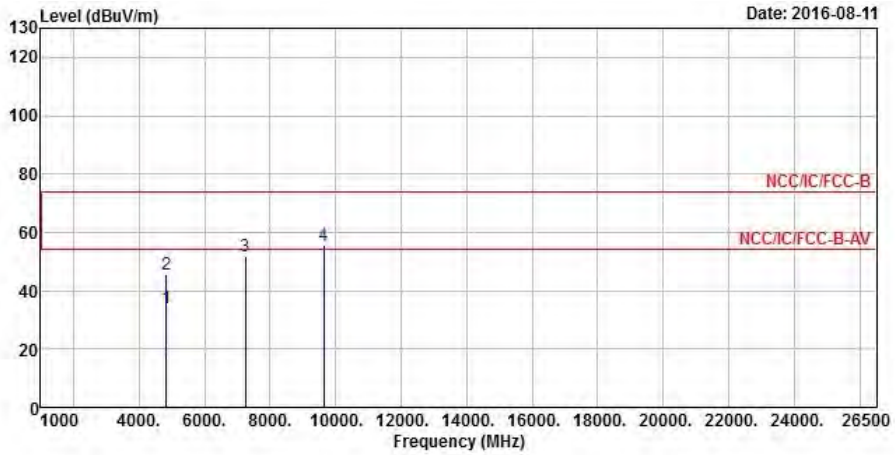
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11b	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	H



	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	4924.000	33.55	-20.45	54.00	31.24	31.29	6.17	35.15	Average
2	4924.000	46.94	-27.06	74.00	44.63	31.29	6.17	35.15	Peak
3	7386.000	40.02	-13.98	54.00	31.52	36.30	7.63	35.43	Average
4	7386.000	51.17	-22.83	74.00	42.67	36.30	7.63	35.43	Peak
5	9848.000	56.40			44.52	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (114.52dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

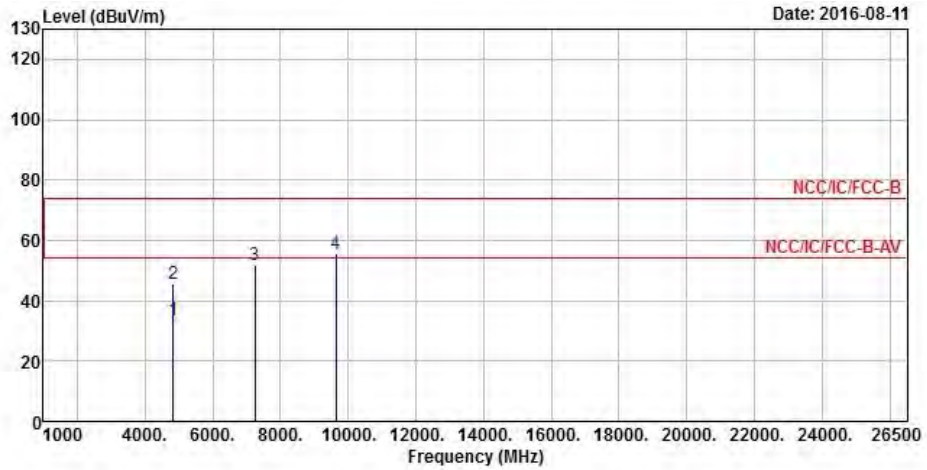
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	V



	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	4824.000	34.01	-19.99	54.00	31.91	31.15	6.11	35.16	Average
2	4824.000	45.62	-28.38	74.00	43.52	31.15	6.11	35.16	Peak
3	7236.000	51.86			43.79	35.91	7.57	35.41	Peak
4	9648.000	55.47			43.93	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (118.71dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

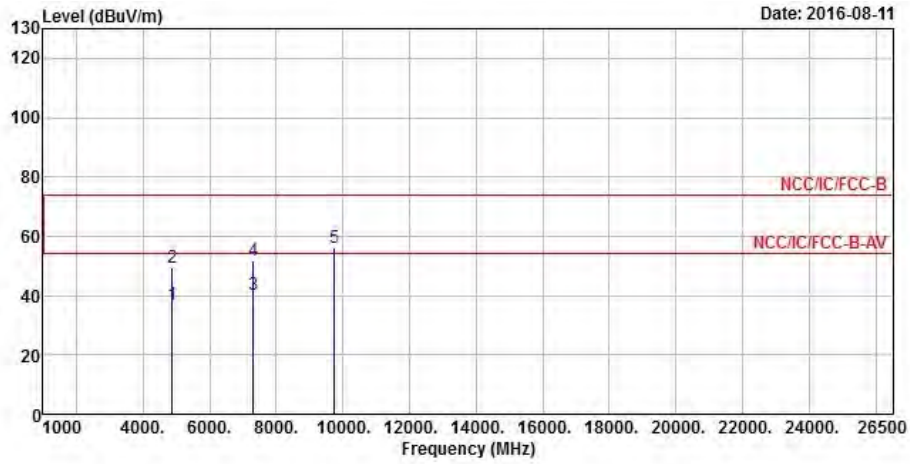
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	H



	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	4824.000	33.49	-20.51	54.00	31.39	31.15	6.11	35.16	Average
2	4824.000	45.62	-28.38	74.00	43.52	31.15	6.11	35.16	Peak
3	7236.000	51.88			43.81	35.91	7.57	35.41	Peak
4	9648.000	55.66			44.12	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (118.71 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

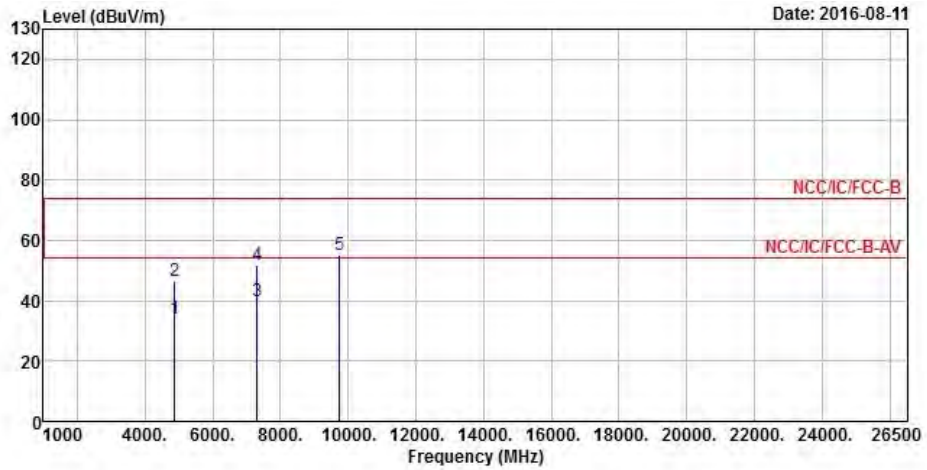
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	V



	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	4874.000	37.12	-16.88	54.00	34.93	31.22	6.13	35.16	Average
2	4874.000	49.63	-24.37	74.00	47.44	31.22	6.13	35.16	Peak
3	7311.000	40.11	-13.89	54.00	31.82	36.11	7.60	35.42	Average
4	7311.000	51.80	-22.20	74.00	43.51	36.11	7.60	35.42	Peak
5	9748.000	56.30			44.61	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (121.68 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

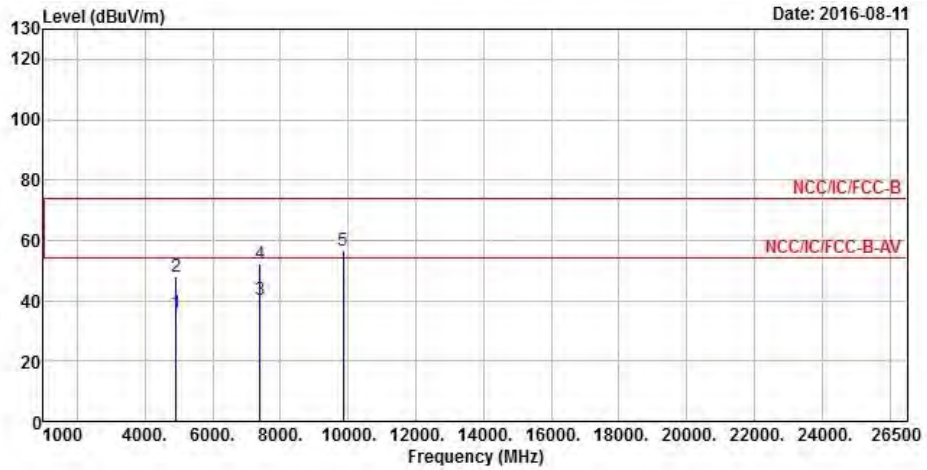
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	H



	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	4874.000	34.12	-19.88	54.00	31.93	31.22	6.13	35.16	Average
2	4874.000	46.71	-27.29	74.00	44.52	31.22	6.13	35.16	Peak
3	7311.000	39.80	-14.20	54.00	31.51	36.11	7.60	35.42	Average
4	7311.000	52.01	-21.99	74.00	43.72	36.11	7.60	35.42	Peak
5	9748.000	55.36			43.67	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (121.68 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

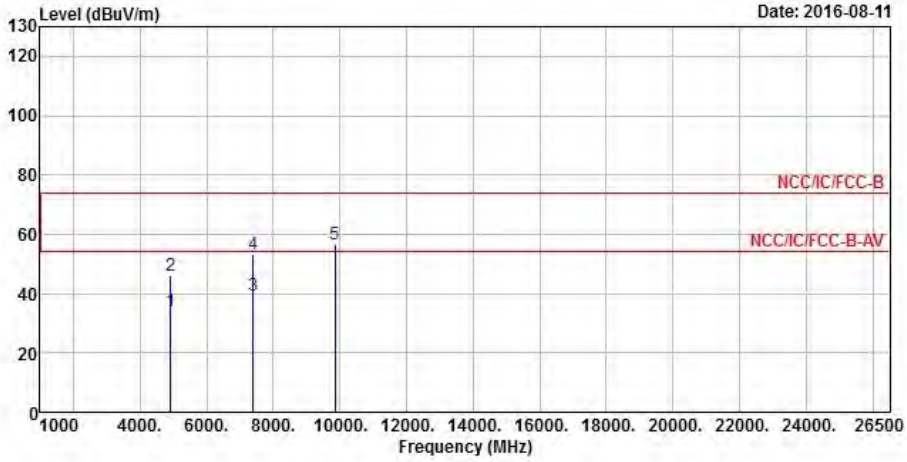
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	V



	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	4924.000	36.12	-17.88	54.00	33.81	31.29	6.17	35.15	Average
2	4924.000	48.10	-25.90	74.00	45.79	31.29	6.17	35.15	Peak
3	7386.000	40.28	-13.72	54.00	31.78	36.30	7.63	35.43	Average
4	7386.000	52.36	-21.64	74.00	43.86	36.30	7.63	35.43	Peak
5	9848.000	56.64			44.76	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (120.02 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

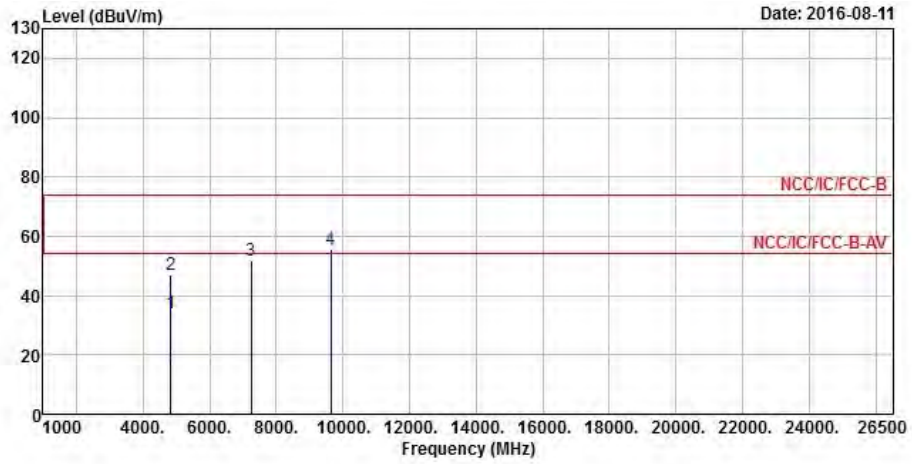
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	11g	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	H



	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	4924.000	34.25	-19.75	54.00	31.94	31.29	6.17	35.15	Average
2	4924.000	46.20	-27.80	74.00	43.89	31.29	6.17	35.15	Peak
3	7386.000	39.49	-14.51	54.00	30.99	36.30	7.63	35.43	Average
4	7386.000	53.41	-20.59	74.00	44.91	36.30	7.63	35.43	Peak
5	9848.000	56.40			44.52	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (120.02 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

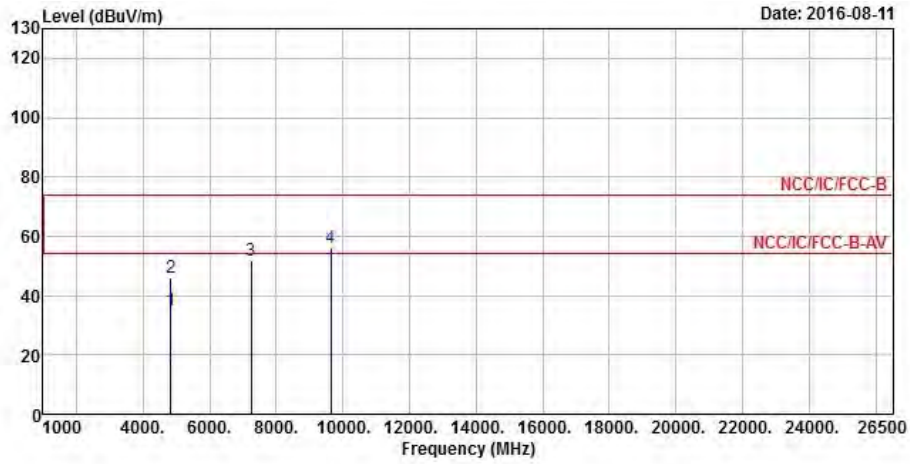
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	V



	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	4824.000	34.24	-19.76	54.00	32.14	31.15	6.11	35.16	Average
2	4824.000	46.84	-27.16	74.00	44.74	31.15	6.11	35.16	Peak
3	7236.000	51.93			43.86	35.91	7.57	35.41	Peak
4	9648.000	55.59			44.05	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (118.98 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

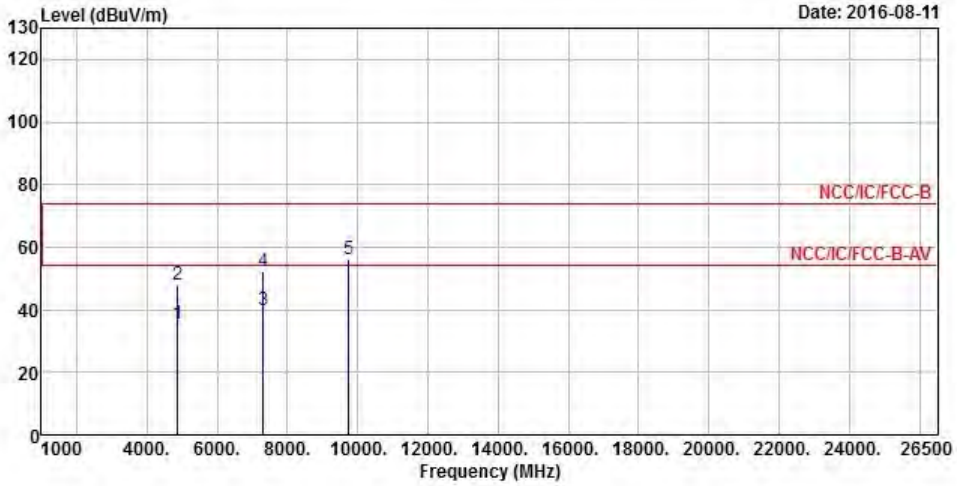
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2412
N_{TX}	3	**Polarization**	H



	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	4824.000	34.97	-19.03	54.00	32.87	31.15	6.11	35.16	Average
2	4824.000	45.86	-28.14	74.00	43.76	31.15	6.11	35.16	Peak
3	7236.000	51.82			43.75	35.91	7.57	35.41	Peak
4	9648.000	56.02			44.48	38.69	8.80	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (118.98 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

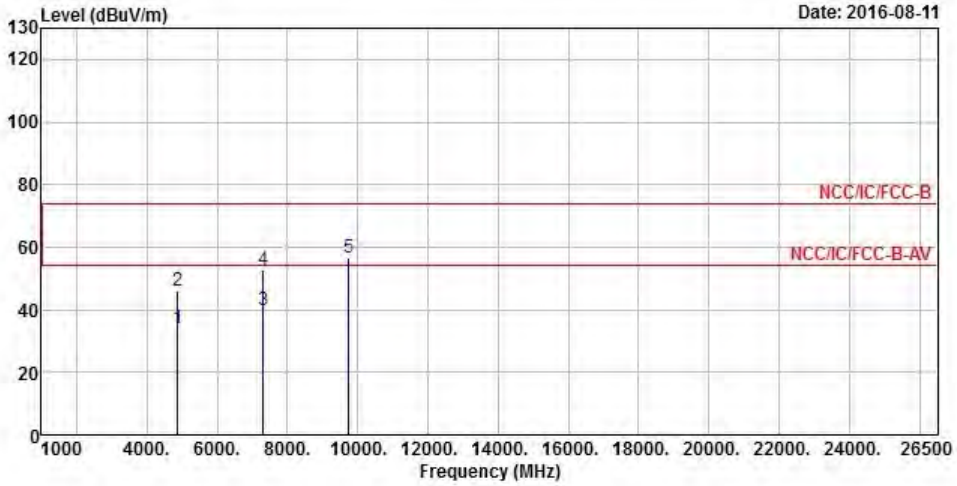
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	V



	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	4874.000	35.41	-18.59	54.00	33.22	31.22	6.13	35.16	Average
2	4874.000	47.98	-26.02	74.00	45.79	31.22	6.13	35.16	Peak
3	7311.000	39.91	-14.09	54.00	31.62	36.11	7.60	35.42	Average
4	7311.000	52.05	-21.95	74.00	43.76	36.11	7.60	35.42	Peak
5	9748.000	56.01			44.32	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (120.41 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

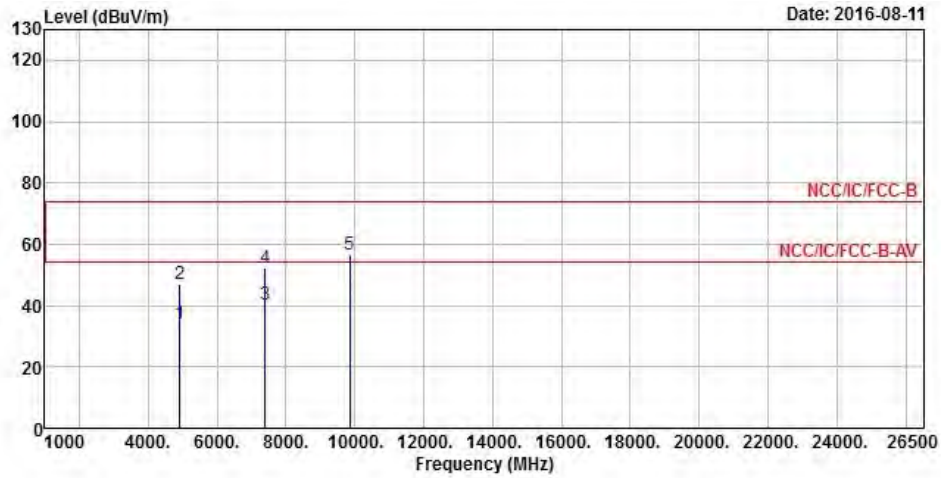
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	H



	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	4874.000	34.08	-19.92	54.00	31.89	31.22	6.13	35.16	Average
2	4874.000	45.94	-28.06	74.00	43.75	31.22	6.13	35.16	Peak
3	7311.000	40.03	-13.97	54.00	31.74	36.11	7.60	35.42	Average
4	7311.000	52.90	-21.10	74.00	44.61	36.11	7.60	35.42	Peak
5	9748.000	56.41			44.72	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (120.41 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

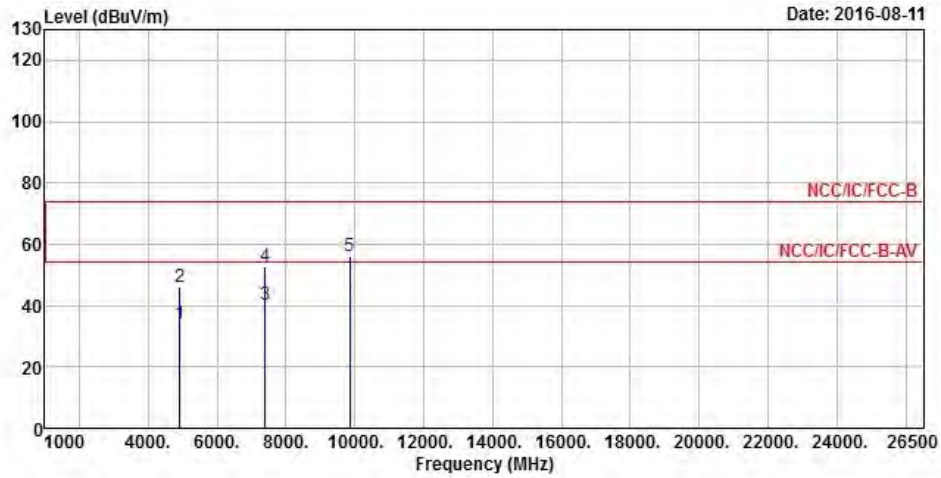
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	V



	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	4924.000	34.23	-19.77	54.00	31.92	31.29	6.17	35.15	Average
2	4924.000	47.20	-26.80	74.00	44.89	31.29	6.17	35.15	Peak
3	7386.000	40.11	-13.89	54.00	31.61	36.30	7.63	35.43	Average
4	7386.000	52.06	-21.94	74.00	43.56	36.30	7.63	35.43	Peak
5	9848.000	56.56			44.68	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.23 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

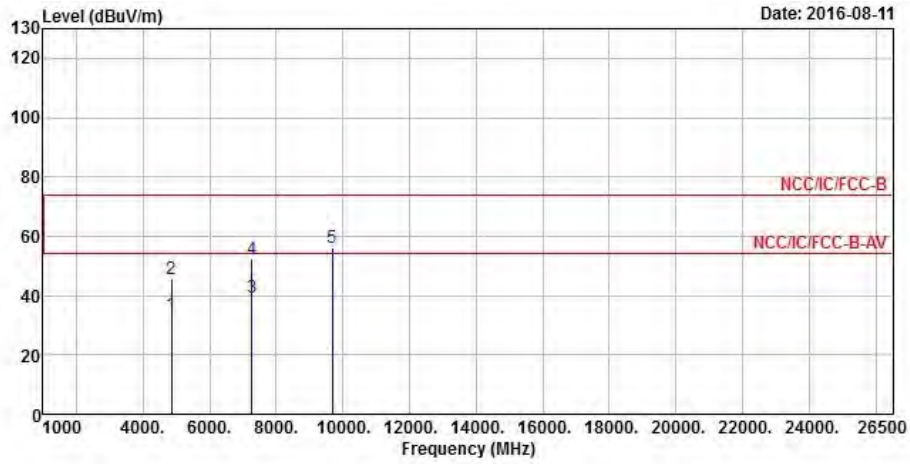
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT20	**Test Freq. (MHz)**	2462
N_{TX}	3	**Polarization**	H



	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	4924.000	34.15	-19.85	54.00	31.84	31.29	6.17	35.15	Average
2	4924.000	46.20	-27.80	74.00	43.89	31.29	6.17	35.15	Peak
3	7386.000	40.47	-13.53	54.00	31.97	36.30	7.63	35.43	Average
4	7386.000	52.67	-21.33	74.00	44.17	36.30	7.63	35.43	Peak
5	9848.000	56.29			44.41	38.81	9.03	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.23 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

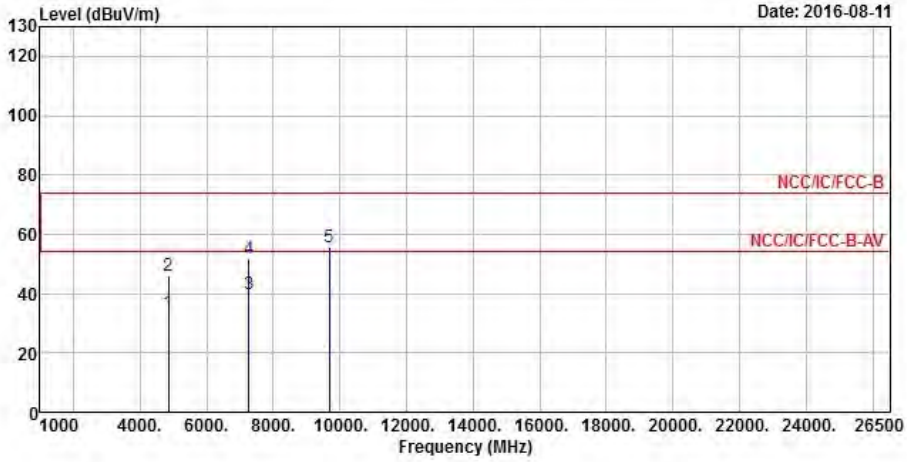
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2422
N_{TX}	3	**Polarization**	V



	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	4844.000	33.80	-20.20	54.00	31.65	31.18	6.13	35.16	Average
2	4844.000	45.45	-28.55	74.00	43.30	31.18	6.13	35.16	Peak
3	7266.000	39.50	-14.50	54.00	31.34	35.99	7.59	35.42	Average
4	7266.000	52.08	-21.92	74.00	43.92	35.99	7.59	35.42	Peak
5	9688.000	56.03			44.43	38.71	8.84	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (113.02dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

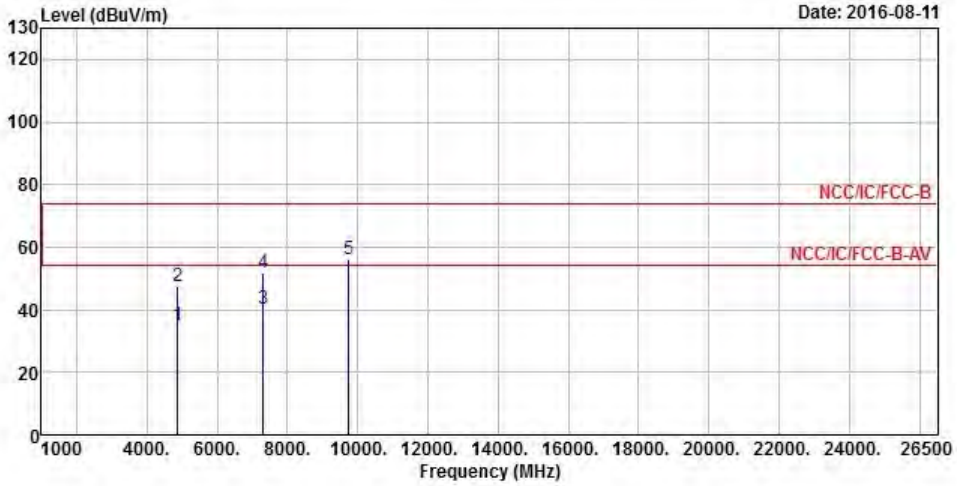
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2422
N_{TX}	3	**Polarization**	H



	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	4844.000	33.77	-20.23	54.00	31.62	31.18	6.13	35.16	Average
2	4844.000	46.04	-27.96	74.00	43.89	31.18	6.13	35.16	Peak
3	7266.000	39.98	-14.02	54.00	31.82	35.99	7.59	35.42	Average
4	7266.000	51.70	-22.30	74.00	43.54	35.99	7.59	35.42	Peak
5	9688.000	55.81			44.21	38.71	8.84	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (113.02 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

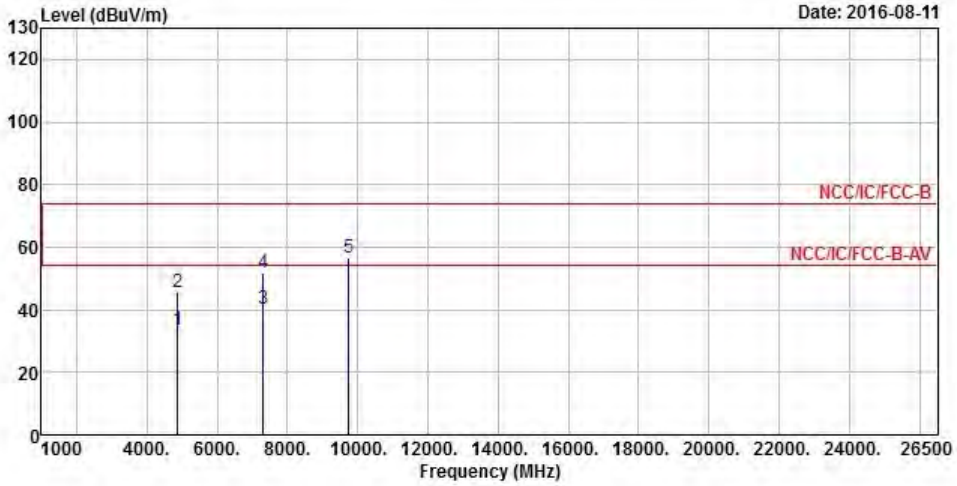
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	V



	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	4874.000	34.98	-19.02	54.00	32.79	31.22	6.13	35.16	Average
2	4874.000	47.39	-26.61	74.00	45.20	31.22	6.13	35.16	Peak
3	7311.000	40.14	-13.86	54.00	31.85	36.11	7.60	35.42	Average
4	7311.000	51.96	-22.04	74.00	43.67	36.11	7.60	35.42	Peak
5	9748.000	55.94			44.25	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.02dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

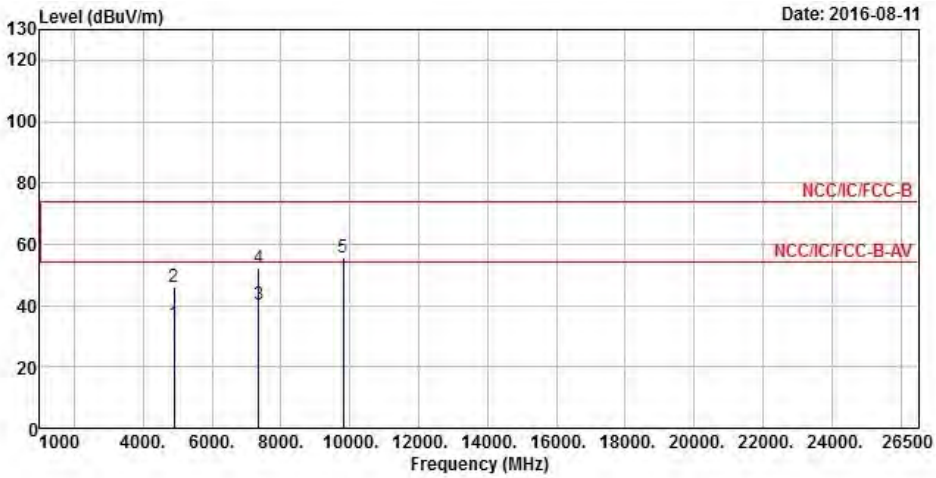
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2437
N_{TX}	3	**Polarization**	H



	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	4874.000	33.81	-20.19	54.00	31.62	31.22	6.13	35.16	Average
2	4874.000	45.49	-28.51	74.00	43.30	31.22	6.13	35.16	Peak
3	7311.000	40.11	-13.89	54.00	31.82	36.11	7.60	35.42	Average
4	7311.000	51.82	-22.18	74.00	43.53	36.11	7.60	35.42	Peak
5	9748.000	56.43			44.74	38.75	8.89	35.95	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (119.02 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

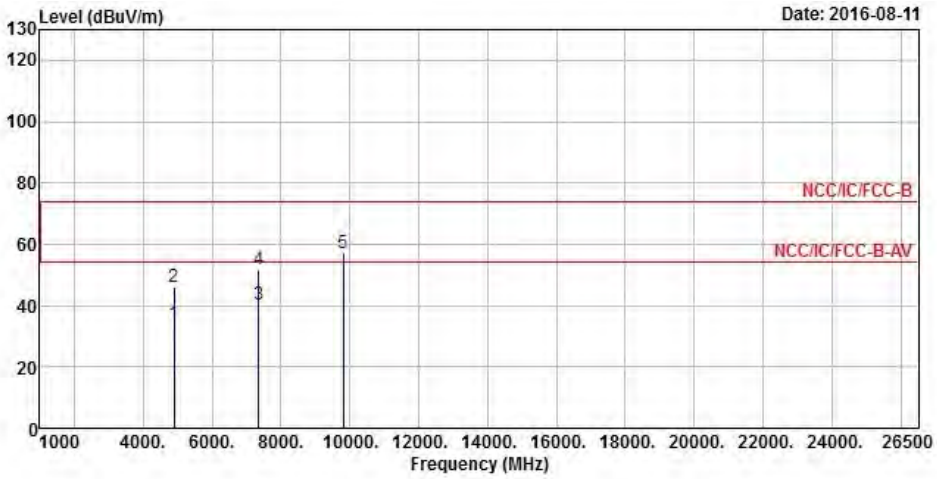
Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2452
N_{TX}	3	**Polarization**	V



	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	4904.000	34.24	-19.76	54.00	31.97	31.27	6.15	35.15	Average
2	4904.000	46.14	-27.86	74.00	43.87	31.27	6.15	35.15	Peak
3	7356.000	40.49	-13.51	54.00	32.08	36.23	7.61	35.43	Average
4	7356.000	52.24	-21.76	74.00	43.83	36.23	7.61	35.43	Peak
5	9808.000	55.75			43.94	38.78	8.99	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (112.10 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

Transmitter Radiated Unwanted Emissions (Above 1GHz)			
Modulation Mode	HT40	**Test Freq. (MHz)**	2452
N_{TX}	3	**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	4904.000	34.28	-19.72	54.00	32.01	31.27	6.15	35.15	Average
2	4904.000	45.91	-28.09	74.00	43.64	31.27	6.15	35.15	Peak
3	7356.000	40.32	-13.68	54.00	31.91	36.23	7.61	35.43	Average
4	7356.000	51.83	-22.17	74.00	43.42	36.23	7.61	35.43	Peak
5	9808.000	56.89			45.08	38.78	8.99	35.96	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, unwanted emissions shall be attenuated by at least 30 dB relative to the maximum measured in-band level (112.10 dBuV/m).
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.