Variant FCC Test Report

Report No.:	RFBGSN-WTW-P21080119-3
FCC ID:	I4L-BM25SD
Test Model:	BM25
Received Date:	Aug. 13, 2021
Test Date:	Aug. 26, 2021 ~ Sep. 24, 2021
Issued Date:	Oct. 15, 2021
Applicant:	Micro-Star INT'L Co., Ltd
Address:	No. 69, Lide St., Zhonghe Dist., 235 New Taipei City Taiwan
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location (1):	No.19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
Test Location (2):	B2F., No.215, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 231, Taiwan
FCC Registration / Designation Number:	788550 / TW0003 427177 / TW0011

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Release Control Record

Issue No.	Description	Date Issued
RFBGSN-WTW-P21080119-3	Original Release	Oct. 15, 2021

1 Certificate of Conformity

Product:	802.11a/b/g/n/ac + BT 4.2 Module
Brand:	MSI
Test Model:	BM25
Sample Status:	Identical Prototype
Applicant:	Micro-Star INT'L Co., Ltd
Test Date:	Aug. 26, 2021 ~ Sep. 24, 2021
Standards:	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10:2013

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Vera Huang , **Date:** Oct. 15, 2021

Vera Huang / Specialist

Approved by : , **Date:** Oct. 15, 2021

Dylan Chiou / Senior Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	**Test Item**	**Result**	**Remarks**
15.407(b)(8)	AC Power Conducted Emissions	N/A	Refer to Note 1
15.407(b) (1/2/3/4(i/ii)/8)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -0.57 dB at 5150.00 MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	N/A	Refer to Note 1
15.407(a)(1/2/3)	Peak Power Spectral Density	N/A	Refer to Note 1
15.407(e)	6 dB Bandwidth	N/A	Refer to Note 1
15.407(g)	Frequency Stability	N/A	Refer to Note 1
15.203	Antenna Requirement	N/A	No antenna connector is used.

Note:

1. Only conducted output power and radiated emissions tests were performed for this addendum. Refer to BV CPS report no.: RF180518C15-4 for other test data.
2. For U-NII-3 band compliance with rule part 15.407(b)(4)(i), the OOBE test plots were recorded in Annex A.
3. For U-NII-1, U-NII-2A, U-NII-2C band compliance with rule 15.407(b) of the band-edge items, the test plots were recorded in Annex B. Test Procedures refer to report 4.1.3.
4. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	**Frequency**	**Expanded Uncertainty (k=2) (±)**
Radiated Emissions up to 1 GHz	9 kHz ~ 30 MHz	3.04 dB
	30 MHz ~ 200 MHz	2.0153 dB
	200 MHz ~ 1000 MHz	2.0224 dB
Radiated Emissions above 1 GHz	1 GHz ~ 18 GHz	1.0121 dB
	18 GHz ~ 40 GHz	1.1508 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	802.11a/b/g/n/ac + BT 4.2 Module
Brand	MSI
Test Model	BM25
Status of EUT	Identical Prototype
Power Supply Rating	3.6 Vdc (host equipment)
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK
Modulation Technology	OFDM
Transfer Rate	802.11a: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0 Mbps 802.11n: up to 150.0 Mbps 802.11ac: up to 433.3 Mbps
Operating Frequency	5180 ~ 5240 MHz, 5260 ~ 5320 MHz, 5500 ~ 5700 MHz, 5745 ~ 5825 MHz
Number of Channel	5180 ~ 5240 MHz: 4 for 802.11a, 802.11n (HT20) 2 for 802.11n (HT40) 1 for 802.11ac (VHT80) 5260 ~ 5320 MHz: 4 for 802.11a, 802.11n (HT20) 2 for 802.11n (HT40) 1 for 802.11ac (VHT80) 5500 ~ 5700 MHz: 11 for 802.11a, 802.11n (HT20) 5 for 802.11n (HT40) 2 for 802.11ac (VHT80) 5745 ~ 5825 MHz: 5 for 802.11a, 802.11n (HT20) 2 for 802.11n (HT40) 1 for 802.11ac (VHT80)
Output Power	56.885 mW for 5180 ~ 5240 MHz 55.847 mW for 5260 ~ 5320 MHz 36.898 mW for 5500 ~ 5700 MHz 47.973 mW for 5745 ~ 5825 MHz
Antenna Type	Refer to Note as below
Antenna Connector	N/A
Accessory Device	N/A
Data Cable Supplied	N/A

Note:

1. This report is prepared for FCC class II permissive change. This report is issued as a supplementary report to BV CPS report no. RF180518C15-4. The difference compared with original report are adding End-product and reducing power. Therefore, only conducted output power and radiated emissions tests were verified and recorded in this report.
2. The EUT provides 1 completed transmitter and 1 receiver.

Modulation Mode	Tx Function
802.11a	1TX
802.11n (HT20)	1TX
802.11n (HT40)	1TX
802.11ac (VHT80)	1TX

3. The EUT is authorized for use in specific End-product. All models are electrically identical, different model names are for marketing purpose. The model 137000-99 and 134000-99 were chosen for final test. Please refer to below for more details.

Sample	Product Name	Brand Name	Model Name	Remark
A	Display System	Trimble	137000-99, GFX-1260, XCN-1260, TME-1260	12 inch
B	Display System	Trimble	134000-99, GFX-1060, XCN-1060, TME-1060	10 inch

4. The antenna information is listed as below.

Sample	Antenna type	Antenna Gain (dBi)				
		BT / 2412 ~ 2462 MHz	5180 ~ 5240 MHz	5260 ~ 5320 MHz	5500 ~ 5700 MHz	5745 ~ 5825 MHz
A	PIFA	**1.67**	**2.14**	0.79	2.37	**2.37**
B	PIFA	-0.09	1.24	**1.44**	**2.95**	2.29

5. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.
6. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or User's Manual.

3.2 Description of Test Modes

For 5180 ~ 5240 MHz

4 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
40	5200	48	5240

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency (MHz)
42	5210

For 5260 ~ 5320 MHz

4 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
56	5280	64	5320

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270	62	5310

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency (MHz)
58	5290

For 5500 ~ 5700 MHz

11 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	140	5700
120	5600		

5 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510	126	5630
110	5550	134	5670
118	5590		

2 channels are provided for 802.11ac (VHT80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
106	5530	122	5610

For 5745 ~ 5825 MHz:

5 channels are provided for 802.11a, 802.11n (HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	161	5805
153	5765	165	5825
157	5785		

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency (MHz)
155	5775

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable To				Description	Axis
	RE≥1G	RE<1G	PLC	APCM		
A	√	√	-	√	Sample A	Z-plane
B	√	√	-	√	Sample B	Z-plane

Where **RE≥1G:** Radiated Emission above 1 GHz **RE<1G:** Radiated Emission below 1 GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement
Note: "-" means no effect.

Radiated Emission Test (Above 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Frequency Band (MHz)	Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
A, B	5180-5240	802.11a	36 to 48	36, 40, 48	OFDM	BPSK	6.0
		802.11n (HT20)	36 to 48	36, 40, 48	OFDM	BPSK	6.5
		802.11n (HT40)	38 to 46	38, 46	OFDM	BPSK	13.5
		802.11ac (VHT80)	42	42	OFDM	BPSK	29.3
A, B	5260-5320	802.11a	52 to 64	52, 60, 64	OFDM	BPSK	6.0
		802.11n (HT20)	52 to 64	52, 60, 64	OFDM	BPSK	6.5
		802.11n (HT40)	54 to 62	54, 62	OFDM	BPSK	13.5
		802.11ac (VHT80)	58	58	OFDM	BPSK	29.3
A, B	5500-5700	802.11a	100 to 140	100, 116, 140	OFDM	BPSK	6.0
		802.11n (HT20)	100 to 140	100, 116, 140	OFDM	BPSK	6.5
		802.11n (HT40)	102 to 134	102, 110, 134	OFDM	BPSK	13.5
		802.11ac (VHT80)	106 to 122	106, 122	OFDM	BPSK	29.3
A, B	5745-5825	802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6.0
		802.11n (HT20)	149 to 165	149, 157, 165	OFDM	BPSK	6.5
		802.11n (HT40)	151 to 159	151, 159	OFDM	BPSK	13.5
		802.11ac (VHT80)	155	155	OFDM	BPSK	29.3

Radiated Emission Test (Below 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Frequency Band (MHz)	Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
A, B	5180-5240	802.11n (HT20)	36 to 48	48	OFDM	BPSK	6.5

Conducted Output Power Measurement:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Frequency Band (MHz)	Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
A, B	5180-5240	802.11a	36 to 48	36, 40, 48	OFDM	BPSK	6.0
		802.11n (HT20)	36 to 48	36, 40, 48	OFDM	BPSK	6.5
		802.11n (HT40)	38 to 46	38, 46	OFDM	BPSK	13.5
		802.11ac (VHT80)	42	42	OFDM	BPSK	29.3
A, B	5260-5320	802.11a	52 to 64	52, 60, 64	OFDM	BPSK	6.0
		802.11n (HT20)	52 to 64	52, 60, 64	OFDM	BPSK	6.5
		802.11n (HT40)	54 to 62	54, 62	OFDM	BPSK	13.5
		802.11ac (VHT80)	58	58	OFDM	BPSK	29.3
A, B	5500-5700	802.11a	100 to 140	100, 116, 140	OFDM	BPSK	6.0
		802.11n (HT20)	100 to 140	100, 116, 140	OFDM	BPSK	6.5
		802.11n (HT40)	102 to 134	102, 110, 134	OFDM	BPSK	13.5
		802.11ac (VHT80)	106 to 122	106, 122	OFDM	BPSK	29.3
A, B	5745-5825	802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6.0
		802.11n (HT20)	149 to 165	149, 157, 165	OFDM	BPSK	6.5
		802.11n (HT40)	151 to 159	151, 159	OFDM	BPSK	13.5
		802.11ac (VHT80)	155	155	OFDM	BPSK	29.3

Test Condition:

Applicable To	Environmental Conditions	Input Power	Tested by
RE≥1G	25 deg. C, 62 % RH	120 Vac, 60 Hz	Charles Hsiao
RE<1G	25 deg. C, 62 % RH	120 Vac, 60 Hz	Charles Hsiao
APCM	25 deg. C, 60 % RH	120 Vac, 60 Hz	Jisyong Wang

3.3 Duty Cycle of Test Signal

MODULATION TYPE: BPSK

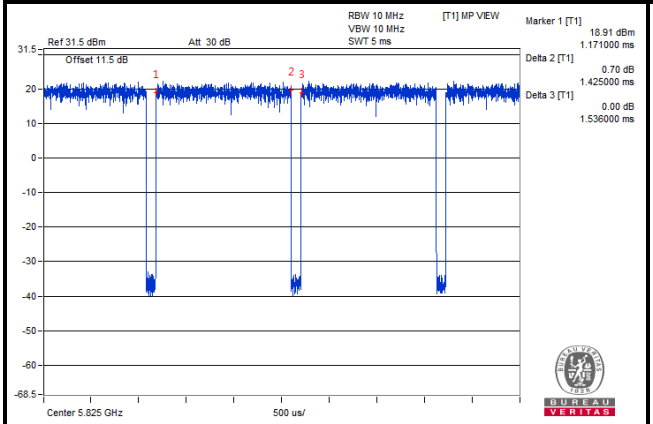
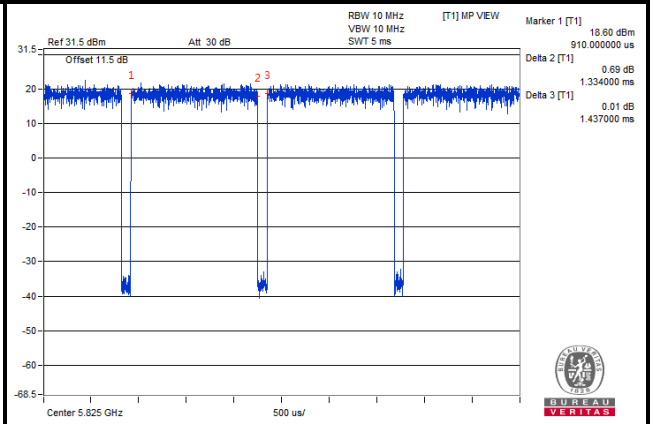
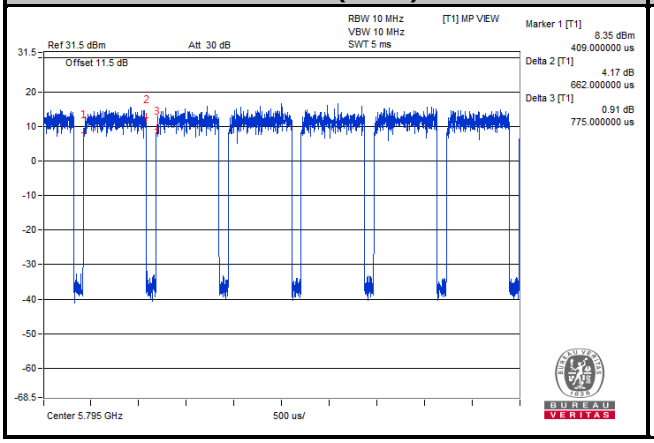
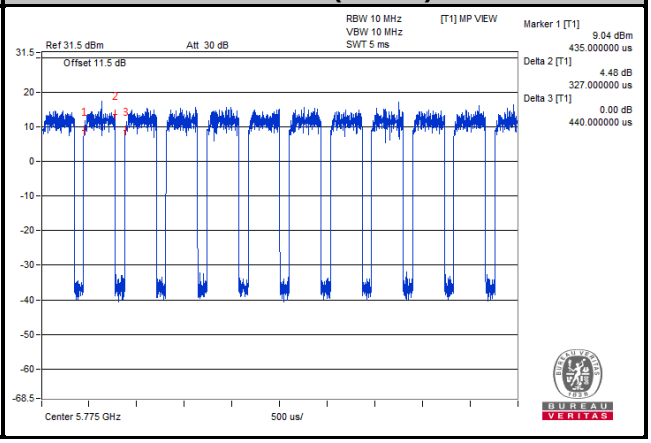
Duty cycle of test signal is < 98 %, duty factor is required.

802.11a: Duty cycle = 1.425/1.536 = 0.928, Duty factor = 10 * log(1/0.928) = 0.33

802.11n (HT20): Duty cycle = 1.334/1.437 = 0.928, Duty factor = 10 * log(1/0.928) = 0.32

802.11n (HT40): Duty cycle = 0.662/0.775 = 0.854, Duty factor = 10 * log(1/0.854) = 0.68

802.11ac (VHT80): Duty cycle = 0.327/0.440 = 0.743, Duty factor = 10 * log(1/0.743) = 1.29

802.11a	802.11n (HT20)
	
802.11n (HT40)	**802.11ac (VHT80)**
	

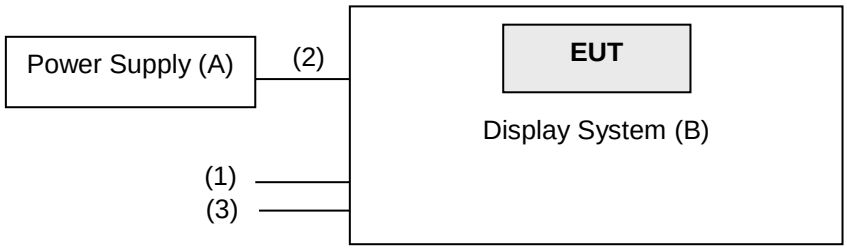
3.4 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Power Supply	TOPWARD	3303D	N/A	N/A	--
B	Display System	Trimble	137000-99	N/A	N/A	Sample A, Provided by client
		Trimble	134000-99	N/A	N/A	Sample B, Provided by client

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	Console Cable	1	0.4	N	0	Provided by client
2.	Power Cable	1	1.95	N	0	Provided by client
3.	Debug Cable	1	1.95	N	0	Provided by client

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

Test Standard:

FCC Part 15, Subpart E (15.407)
ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of Unwanted Emission Out of the Restricted Bands

Applicable To			Limit	
789033 D02 General UNII Test Procedures New Rules v02r01			Field Strength at 3 m	
			PK: 74 (dBμV/m)	AV: 54 (dBμV/m)
Frequency Band	**Applicable To**		**EIRP Limit**	**Equivalent Field Strength at 3 m**
5150~5250 MHz	15.407(b)(1)		PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
5250~5350 MHz	15.407(b)(2)			
5470~5725 MHz	15.407(b)(3)			
5725~5850 MHz	☒	15.407(b)(4)(i)	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2 (dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8 (dBμV/m) *3 PK:122.2 (dBμV/m) *4
	☐	15.407(b)(4)(ii)	Emission limits in section 15.247(d)	

*1 beyond 75 MHz or more above of the band edge.

*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts).

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Test Receiver Agilent Technologies	N9038A	MY55420137	Apr. 09, 2021	Apr. 08, 2022
Spectrum Analyzer ROHDE & SCHWARZ	FSU43	101261	Apr. 12, 2021	Apr. 11, 2022
HORN Antenna ETS-Lindgren	3117	00143293	Nov. 22, 2020	Nov. 21, 2021
BILOG Antenna SCHWARZBECK	VULB 9168	9168-616	Nov. 09, 2020	Nov. 08, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 13, 2021	Apr. 12, 2022
Loop Antenna	HLA 6121	45745	Jul. 21, 2021	Jul. 20, 2022
Preamplifier Agilent	310N	187226	Jun. 17, 2021	Jun. 16, 2022
Preamplifier Agilent	83017A	MY39501357	Jun. 17, 2021	Jun. 16, 2022
Preamplifier EMCI	EMC 184045	980116	Oct. 07, 2020	Oct. 06, 2021
RF signal cable ETS-LINDGREN	5D-FB	Cable-CH1-01(RFC-SMS-100-SMS-120+RFC-SMS-100-SMS-400)	Jun. 17, 2021	Jun. 16, 2022
RF signal cable ETS-LINDGREN	8D-FB	Cable-CH1-02(RFC-SMS-100-SMS-24)	Jun. 17, 2021	Jun. 16, 2022
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Software BV ADT	E3 8.130425b	NA	NA	NA
Antenna Tower MF	NA	NA	NA	NA
Turn Table MF	NA	NA	NA	NA
Antenna Tower &Turn Table Controller MF	MF-7802	NA	NA	NA
HORN Antenna SCHWARZBECK	BBHA 9170	9170-480	Nov. 22, 2020	Nov. 21, 2021

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The test was performed in HsinTien Chamber 1.

4.1.3 Test Procedures

For Radiated Emission below 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.

For Radiated Emission above 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

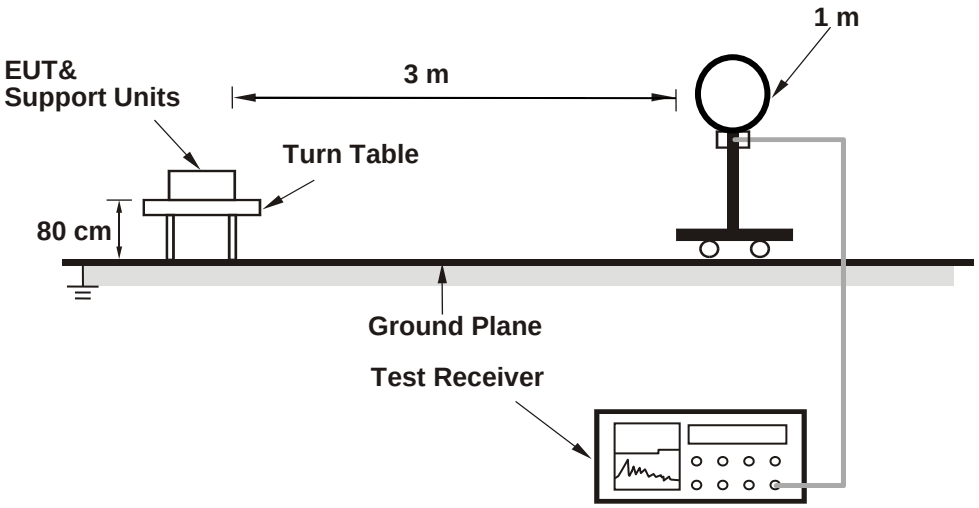
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98 %) or 10 Hz (Duty cycle ≥ 98 %) for Average detection (AV) at frequency above 1 GHz. (11a: RBW = 1 MHz, VBW = 1 kHz ; 11n (HT20): RBW = 1 MHz, VBW = 1 kHz ; 11n (HT40): RBW = 1 MHz, VBW = 2 kHz ; 11ac (VHT80): RBW = 1 MHz, VBW = 3 kHz)
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

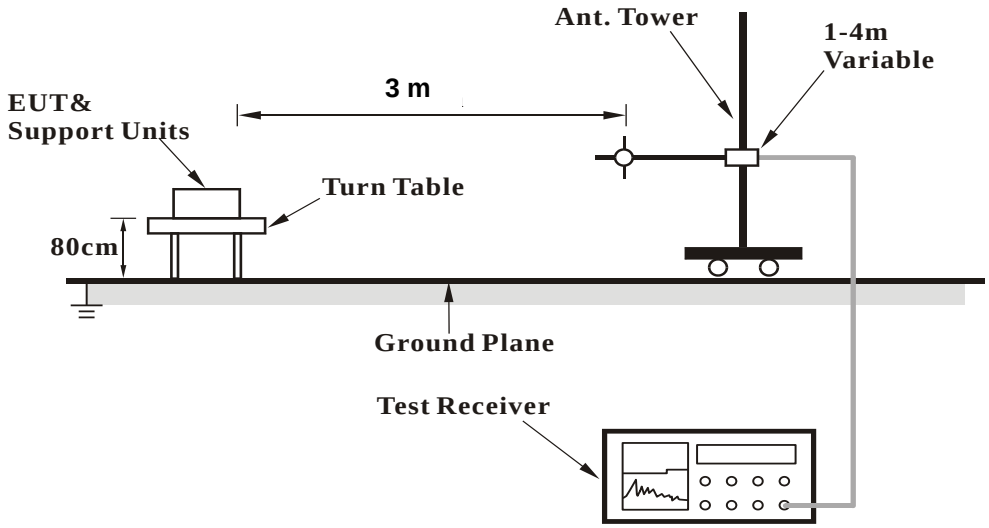
No deviation.

4.1.5 Test Setup

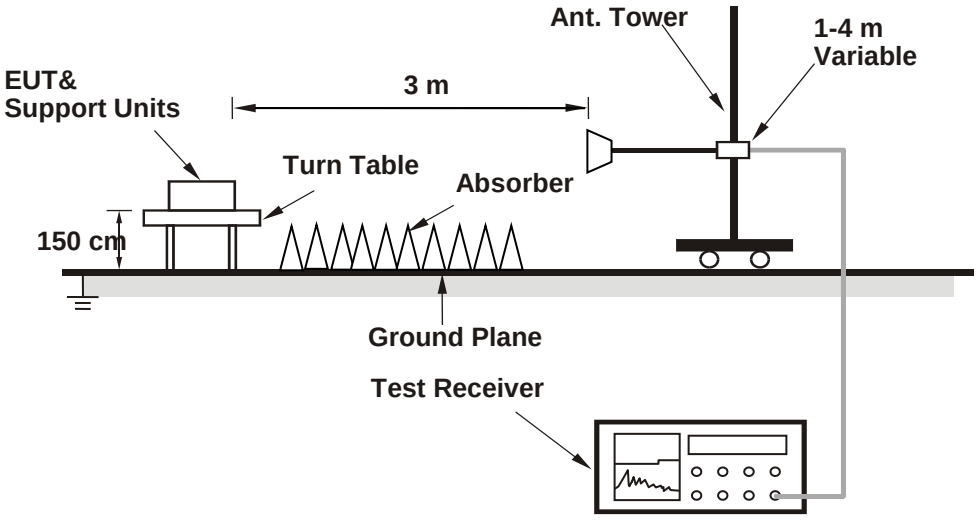
<Radiated Emission below 30 MHz>



<Radiated Emission 30 MHz to 1 GHz>



<Radiated Emission above 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT Operating Conditions

a. Placed the EUT on a testing table.
b. Use the software to control the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results

Mode A

Above 1 GHz Data：

RF Mode	TX 802.11a	Channel	CH 36：5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.53 PK	74.00	-15.47	2.01 H	228	48.01	10.52
2	5150.00	49.46 AV	54.00	-4.54	2.01 H	228	38.94	10.52
3	*5180.00	99.90 PK			2.01 H	228	57.84	42.06
4	*5180.00	93.20 AV			2.01 H	228	51.14	42.06
5	#10360.00	57.39 PK	68.20	-10.81	1.44 H	15	41.41	15.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.22 PK	74.00	-13.78	1.15 V	165	49.70	10.52
2	5150.00	49.78 AV	54.00	-4.22	1.15 V	165	39.26	10.52
3	*5180.00	103.41 PK			1.15 V	165	61.35	42.06
4	*5180.00	96.21 AV			1.15 V	165	54.15	42.06
5	#10360.00	57.04 PK	68.20	-11.16	1.57 V	344	41.06	15.98

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 40：5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.72 PK	74.00	-14.28	2.01 H	226	49.20	10.52
2	5150.00	50.27 AV	54.00	-3.73	2.01 H	226	39.75	10.52
3	*5200.00	104.71 PK			2.01 H	226	62.58	42.13
4	*5200.00	97.54 AV			2.01 H	226	55.41	42.13
5	5350.00	59.58 PK	74.00	-14.42	2.01 H	226	49.00	10.58
6	5350.00	49.47 AV	54.00	-4.53	2.01 H	226	38.89	10.58
7	#10400.00	62.34 PK	68.20	-5.86	1.87 H	201	46.32	16.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.32 PK	74.00	-13.68	1.15 V	163	49.80	10.52
2	5150.00	49.99 AV	54.00	-4.01	1.15 V	163	39.47	10.52
3	*5200.00	106.63 PK			1.15 V	163	64.50	42.13
4	*5200.00	99.72 AV			1.15 V	163	57.59	42.13
5	5350.00	60.10 PK	74.00	-13.90	1.15 V	163	49.52	10.58
6	5350.00	49.70 AV	54.00	-4.30	1.15 V	163	39.12	10.58
7	#10400.00	60.96 PK	68.20	-7.24	1.99 V	219	44.94	16.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 48：5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	104.31 PK			2.01 H	226	62.14	42.17
2	*5240.00	97.75 AV			2.01 H	226	55.58	42.17
3	5350.00	60.00 PK	74.00	-14.00	2.01 H	226	49.42	10.58
4	5350.00	49.91 AV	54.00	-4.09	2.01 H	226	39.33	10.58
5	#10480.00	61.77 PK	68.20	-6.43	1.87 H	201	45.68	16.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	106.49 PK			1.15 V	163	64.32	42.17
2	*5240.00	99.61 AV			1.15 V	163	57.44	42.17
3	5350.00	59.35 PK	74.00	-14.65	1.15 V	163	48.77	10.58
4	5350.00	49.60 AV	54.00	-4.40	1.15 V	163	39.02	10.58
5	#10480.00	61.08 PK	68.20	-7.12	1.99 V	219	44.99	16.09

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 52：5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.34 PK	74.00	-14.66	1.99 H	226	48.82	10.52
2	5150.00	49.30 AV	54.00	-4.70	1.99 H	226	38.78	10.52
3	*5260.00	105.27 PK			1.99 H	226	63.12	42.15
4	*5260.00	99.20 AV			1.99 H	226	57.05	42.15
5	#10520.00	60.77 PK	68.20	-7.43	2.08 H	195	44.71	16.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.83 PK	74.00	-15.17	1.25 V	161	48.31	10.52
2	5150.00	49.38 AV	54.00	-4.62	1.25 V	161	38.86	10.52
3	*5260.00	106.89 PK			1.25 V	161	64.74	42.15
4	*5260.00	101.02 AV			1.25 V	161	58.87	42.15
5	#10520.00	58.34 PK	68.20	-9.86	2.01 V	120	42.28	16.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 60：5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.75 PK	74.00	-15.25	1.99 H	226	48.23	10.52
2	5150.00	49.19 AV	54.00	-4.81	1.99 H	226	38.67	10.52
3	*5300.00	104.03 PK			1.99 H	226	61.92	42.11
4	*5300.00	98.15 AV			1.99 H	226	56.04	42.11
5	5350.00	58.54 PK	74.00	-15.46	1.99 H	226	47.96	10.58
6	5350.00	49.46 AV	54.00	-4.54	1.99 H	226	38.88	10.58
7	10600.00	60.06 PK	74.00	-13.94	2.08 H	195	44.20	15.86
8	10600.00	50.78 AV	54.00	-3.22	2.08 H	195	34.92	15.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.22 PK	74.00	-14.78	1.16 V	161	48.70	10.52
2	5150.00	49.17 AV	54.00	-4.83	1.16 V	161	38.65	10.52
3	*5300.00	105.62 PK			1.16 V	161	63.51	42.11
4	*5300.00	99.43 AV			1.16 V	161	57.32	42.11
5	5350.00	59.08 PK	74.00	-14.92	1.16 V	161	48.50	10.58
6	5350.00	49.38 AV	54.00	-4.62	1.16 V	161	38.80	10.58
7	10600.00	58.49 PK	74.00	-15.51	1.99 V	120	42.63	15.86
8	10600.00	49.28 AV	54.00	-4.72	1.99 V	120	33.42	15.86

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 64：5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	102.80 PK			1.99 H	226	60.68	42.12
2	*5320.00	95.42 AV			1.99 H	226	53.30	42.12
3	5350.00	62.26 PK	74.00	-11.74	1.99 H	226	51.68	10.58
4	5350.00	50.98 AV	54.00	-3.02	1.99 H	226	40.40	10.58
5	10640.00	59.69 PK	74.00	-14.31	2.08 H	195	43.64	16.05
6	10640.00	50.60 AV	54.00	-3.40	2.08 H	195	34.55	16.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	104.04 PK			1.19 V	161	61.92	42.12
2	*5320.00	97.32 AV			1.19 V	161	55.20	42.12
3	5350.00	62.55 PK	74.00	-11.45	1.19 V	161	51.97	10.58
4	5350.00	52.18 AV	54.00	-1.82	1.19 V	161	41.60	10.58
5	10640.00	57.61 PK	74.00	-16.39	2.00 V	121	41.56	16.05
6	10640.00	48.60 AV	54.00	-5.40	2.00 V	121	32.55	16.05

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 100：5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.70 PK	74.00	-15.30	2.28 H	216	48.22	10.48
2	5460.00	50.01 AV	54.00	-3.99	2.28 H	216	39.53	10.48
3	#5470.00	63.51 PK	68.20	-4.69	2.28 H	216	53.11	10.40
4	*5500.00	104.39 PK			2.28 H	216	62.31	42.08
5	*5500.00	97.68 AV			2.28 H	216	55.60	42.08
6	11000.00	63.31 PK	74.00	-10.69	1.72 H	193	46.55	16.76
7	11000.00	52.91 AV	54.00	-1.09	1.72 H	193	36.15	16.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.98 PK	74.00	-12.02	2.01 V	171	51.50	10.48
2	5460.00	50.73 AV	54.00	-3.27	2.01 V	171	40.25	10.48
3	#5470.00	66.40 PK	68.20	-1.80	2.01 V	171	56.00	10.40
4	*5500.00	107.40 PK			2.01 V	171	65.32	42.08
5	*5500.00	100.65 AV			2.01 V	171	58.57	42.08
6	11000.00	58.11 PK	74.00	-15.89	1.82 V	162	41.35	16.76
7	11000.00	49.02 AV	54.00	-4.98	1.82 V	162	32.26	16.76

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 116：5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.43 PK	74.00	-14.57	1.22 H	133	48.95	10.48
2	5460.00	48.60 AV	54.00	-5.40	1.22 H	133	38.12	10.48
3	#5470.00	59.45 PK	68.20	-8.75	1.22 H	133	49.05	10.40
4	*5580.00	102.59 PK			1.22 H	133	60.45	42.14
5	*5580.00	95.24 AV			1.22 H	133	53.10	42.14
6	#5725.00	60.41 PK	68.20	-7.79	1.22 H	133	49.41	11.00
7	11160.00	62.64 PK	74.00	-11.36	1.67 H	107	45.79	16.85
8	11160.00	52.46 AV	54.00	-1.54	1.67 H	107	35.61	16.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.27 PK	74.00	-14.73	1.97 V	188	48.79	10.48
2	5460.00	48.59 AV	54.00	-5.41	1.97 V	188	38.11	10.48
3	#5470.00	59.56 PK	68.20	-8.64	1.97 V	188	49.16	10.40
4	*5580.00	103.13 PK			1.97 V	189	60.99	42.14
5	*5580.00	96.69 AV			1.97 V	189	54.55	42.14
6	#5725.00	60.62 PK	68.20	-7.58	1.97 V	188	49.62	11.00
7	11160.00	63.93 PK	74.00	-10.07	2.01 V	144	47.08	16.85
8	11160.00	52.87 AV	54.00	-1.13	2.01 V	144	36.02	16.85

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 140：5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	99.65 PK			1.22 H	125	57.26	42.39
2	*5700.00	92.88 AV			1.22 H	125	50.49	42.39
3	#5725.00	64.79 PK	68.20	-3.41	1.22 H	125	53.79	11.00
4	11400.00	60.99 PK	74.00	-13.01	1.67 H	111	44.58	16.41
5	11400.00	50.60 AV	54.00	-3.40	1.67 H	111	34.19	16.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	102.62 PK			1.89 V	186	60.23	42.39
2	*5700.00	95.23 AV			1.89 V	186	52.84	42.39
3	#5725.00	66.66 PK	68.20	-1.54	1.89 V	186	55.66	11.00
4	11400.00	60.08 PK	74.00	-13.92	2.01 V	141	43.67	16.41
5	11400.00	49.51 AV	54.00	-4.49	2.01 V	141	33.10	16.41

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 149：5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	102.54 PK			1.19 H	138	60.05	42.49
2	*5745.00	95.66 AV			1.19 H	138	53.17	42.49
3	11490.00	62.85 PK	74.00	-11.15	2.09 H	248	45.84	17.01
4	11490.00	53.25 AV	54.00	-0.75	2.09 H	248	36.24	17.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	105.06 PK			1.86 V	186	62.57	42.49
2	*5745.00	98.08 AV			1.86 V	186	55.59	42.49
3	11490.00	60.22 PK	74.00	-13.78	1.43 V	136	43.21	17.01
4	11490.00	50.16 AV	54.00	-3.84	1.43 V	136	33.15	17.01

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 157：5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	104.86 PK			1.82 H	215	62.31	42.55
2	*5785.00	97.54 AV			1.82 H	215	54.99	42.55
3	11570.00	62.07 PK	74.00	-11.93	1.97 H	257	45.38	16.69
4	11570.00	53.28 AV	54.00	-0.72	1.97 H	257	36.59	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	107.32 PK			1.91 V	187	64.77	42.55
2	*5785.00	99.98 AV			1.91 V	187	57.43	42.55
3	11570.00	59.58 PK	74.00	-14.42	1.43 V	125	42.89	16.69
4	11570.00	49.88 AV	54.00	-4.12	1.43 V	125	33.19	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 165：5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	105.47 PK			1.99 H	213	62.84	42.63
2	*5825.00	98.04 AV			1.99 H	213	55.41	42.63
3	11650.00	62.28 PK	74.00	-11.72	2.05 H	261	45.22	17.06
4	11650.00	52.94 AV	54.00	-1.06	2.04 H	205	35.88	17.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	107.34 PK			1.74 V	181	64.71	42.63
2	*5825.00	100.54 AV			1.74 V	181	57.91	42.63
3	11650.00	59.44 PK	74.00	-14.56	1.43 V	125	42.38	17.06
4	11650.00	49.57 AV	54.00	-4.43	1.43 V	125	32.51	17.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 36：5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.03 PK	74.00	-12.97	2.01 H	228	50.51	10.52
2	5150.00	50.67 AV	54.00	-3.33	2.01 H	228	40.15	10.52
3	*5180.00	102.29 PK			2.01 H	228	60.23	42.06
4	*5180.00	95.47 AV			2.01 H	228	53.41	42.06
5	#10360.00	58.53 PK	68.20	-9.67	1.67 H	275	42.55	15.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.42 PK	74.00	-11.58	1.15 V	165	51.90	10.52
2	5150.00	52.20 AV	54.00	-1.80	1.15 V	165	41.68	10.52
3	*5180.00	104.72 PK			1.15 V	165	62.66	42.06
4	*5180.00	97.40 AV			1.15 V	165	55.34	42.06
5	#10360.00	57.30 PK	68.20	-10.90	1.58 V	88	41.32	15.98

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 40：5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.95 PK	74.00	-15.05	2.01 H	226	48.43	10.52
2	5150.00	49.54 AV	54.00	-4.46	2.01 H	226	39.02	10.52
3	*5200.00	105.11 PK			2.01 H	226	62.98	42.13
4	*5200.00	98.00 AV			2.01 H	226	55.87	42.13
5	5350.00	58.85 PK	74.00	-15.15	2.01 H	226	48.27	10.58
6	5350.00	49.12 AV	54.00	-4.88	2.01 H	226	38.54	10.58
7	#10400.00	62.14 PK	68.20	-6.06	1.87 H	201	46.12	16.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.47 PK	74.00	-13.53	1.15 V	163	49.95	10.52
2	5150.00	50.53 AV	54.00	-3.47	1.15 V	163	40.01	10.52
3	*5200.00	107.57 PK			1.15 V	163	65.44	42.13
4	*5200.00	100.52 AV			1.15 V	163	58.39	42.13
5	5350.00	59.83 PK	74.00	-14.17	1.15 V	163	49.25	10.58
6	5350.00	49.80 AV	54.00	-4.20	1.15 V	163	39.22	10.58
7	#10400.00	60.87 PK	68.20	-7.33	1.99 V	219	44.85	16.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	105.29 PK			2.01 H	226	63.12	42.17
2	*5240.00	98.74 AV			2.01 H	226	56.57	42.17
3	5350.00	59.82 PK	74.00	-14.18	2.01 H	226	49.24	10.58
4	5350.00	49.26 AV	54.00	-4.74	2.01 H	226	38.68	10.58
5	#10480.00	61.58 PK	68.20	-6.62	1.87 H	201	45.49	16.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	107.31 PK			1.15 V	163	65.14	42.17
2	*5240.00	100.76 AV			1.15 V	163	58.59	42.17
3	5350.00	59.84 PK	74.00	-14.16	1.15 V	163	49.26	10.58
4	5350.00	49.72 AV	54.00	-4.28	1.15 V	163	39.14	10.58
5	#10480.00	60.53 PK	68.20	-7.67	1.99 V	220	44.44	16.09

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 52：5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.55 PK	74.00	-15.45	1.99 H	226	48.03	10.52
2	5150.00	48.68 AV	54.00	-5.32	1.99 H	226	38.16	10.52
3	*5260.00	105.50 PK			1.99 H	226	63.35	42.15
4	*5260.00	98.26 AV			1.99 H	226	56.11	42.15
5	#10520.00	61.08 PK	68.20	-7.12	2.08 H	195	45.02	16.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.52 PK	74.00	-14.48	1.19 V	161	49.00	10.52
2	5150.00	49.11 AV	54.00	-4.89	1.19 V	161	38.59	10.52
3	*5260.00	107.69 PK			1.19 V	161	65.54	42.15
4	*5260.00	100.29 AV			1.19 V	161	58.14	42.15
5	#10520.00	58.11 PK	68.20	-10.09	2.00 V	120	42.05	16.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 60：5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.96 PK	74.00	-15.04	1.99 H	226	48.44	10.52
2	5150.00	48.90 AV	54.00	-5.10	1.99 H	226	38.38	10.52
3	*5300.00	105.36 PK			1.99 H	226	63.25	42.11
4	*5300.00	98.00 AV			1.99 H	226	55.89	42.11
5	5350.00	59.08 PK	74.00	-14.92	1.99 H	226	48.50	10.58
6	5350.00	49.07 AV	54.00	-4.93	1.99 H	226	38.49	10.58
7	10600.00	59.58 PK	74.00	-14.42	2.08 H	195	43.72	15.86
8	10600.00	50.58 AV	54.00	-3.42	2.08 H	195	34.72	15.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.39 PK	74.00	-14.61	1.19 V	161	48.87	10.52
2	5150.00	49.47 AV	54.00	-4.53	1.19 V	161	38.95	10.52
3	*5300.00	106.86 PK			1.19 V	161	64.75	42.11
4	*5300.00	99.23 AV			1.19 V	161	57.12	42.11
5	5350.00	59.84 PK	74.00	-14.16	1.19 V	161	49.26	10.58
6	5350.00	49.89 AV	54.00	-4.11	1.19 V	161	39.31	10.58
7	10600.00	58.32 PK	74.00	-15.68	2.00 V	120	42.46	15.86
8	10600.00	49.88 AV	54.00	-4.12	2.00 V	120	34.02	15.86

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 64：5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	100.76 PK			1.99 H	226	58.64	42.12
2	*5320.00	93.89 AV			1.99 H	226	51.77	42.12
3	5350.00	59.84 PK	74.00	-14.16	1.99 H	226	49.26	10.58
4	5350.00	48.91 AV	54.00	-5.09	1.99 H	226	38.33	10.58
5	10640.00	58.16 PK	74.00	-15.84	2.08 H	195	42.11	16.05
6	10640.00	49.62 AV	54.00	-4.38	2.08 H	195	33.57	16.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	102.96 PK			1.19 V	161	60.84	42.12
2	*5320.00	95.21 AV			1.19 V	161	53.09	42.12
3	5350.00	60.89 PK	74.00	-13.11	1.19 V	161	50.31	10.58
4	5350.00	49.43 AV	54.00	-4.57	1.19 V	161	38.85	10.58
5	10640.00	57.92 PK	74.00	-16.08	2.00 V	120	41.87	16.05
6	10640.00	48.83 AV	54.00	-5.17	2.00 V	120	32.78	16.05

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 100：5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.09 PK	74.00	-14.91	1.22 H	116	48.61	10.48
2	5460.00	48.76 AV	54.00	-5.24	1.22 H	116	38.28	10.48
3	#5470.00	61.82 PK	68.20	-6.38	1.22 H	116	51.42	10.40
4	*5500.00	101.10 PK			1.22 H	116	59.02	42.08
5	*5500.00	94.15 AV			1.22 H	116	52.07	42.08
6	11000.00	61.20 PK	74.00	-12.80	1.92 H	139	44.44	16.76
7	11000.00	50.46 AV	54.00	-3.54	1.92 H	139	33.70	16.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.49 PK	74.00	-14.51	1.97 V	120	49.01	10.48
2	5460.00	48.74 AV	54.00	-5.26	1.97 V	120	38.26	10.48
3	#5470.00	62.87 PK	68.20	-5.33	1.97 V	120	52.47	10.40
4	*5500.00	103.56 PK			1.97 V	120	61.48	42.08
5	*5500.00	96.16 AV			1.97 V	120	54.08	42.08
6	11000.00	60.81 PK	74.00	-13.19	1.88 V	145	44.05	16.76
7	11000.00	50.42 AV	54.00	-3.58	1.88 V	145	33.66	16.76

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 116：5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.37 PK	74.00	-14.63	1.57 H	136	48.89	10.48
2	5460.00	49.26 AV	54.00	-4.74	1.57 H	136	38.78	10.48
3	#5470.00	59.42 PK	68.20	-8.78	1.57 H	136	49.02	10.40
4	*5580.00	102.47 PK			1.57 H	136	60.33	42.14
5	*5580.00	95.76 AV			1.57 H	136	53.62	42.14
6	#5725.00	59.77 PK	68.20	-8.43	1.57 H	136	48.77	11.00
7	11160.00	61.29 PK	74.00	-12.71	1.67 H	107	44.44	16.85
8	11160.00	52.63 AV	54.00	-1.37	1.67 H	107	35.78	16.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.46 PK	74.00	-14.54	1.97 V	188	48.98	10.48
2	5460.00	49.51 AV	54.00	-4.49	1.97 V	188	39.03	10.48
3	#5470.00	59.52 PK	68.20	-8.68	1.97 V	188	49.12	10.40
4	*5580.00	103.15 PK			1.97 V	188	61.01	42.14
5	*5580.00	96.25 AV			1.97 V	188	54.11	42.14
6	#5725.00	61.00 PK	68.20	-7.20	1.97 V	188	50.00	11.00
7	11160.00	61.10 PK	74.00	-12.90	2.01 V	144	44.25	16.85
8	11160.00	52.16 AV	54.00	-1.84	2.01 V	144	35.31	16.85

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 140：5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	102.55 PK			1.57 H	136	60.16	42.39
2	*5700.00	95.87 AV			1.57 H	136	53.48	42.39
3	#5725.00	66.28 PK	68.20	-1.92	1.57 H	136	55.28	11.00
4	11400.00	60.67 PK	74.00	-13.33	1.78 H	107	44.26	16.41
5	11400.00	51.78 AV	54.00	-2.22	1.78 H	107	35.37	16.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.57 PK			1.56 V	110	61.18	42.39
2	*5700.00	96.37 AV			1.56 V	110	53.98	42.39
3	#5725.00	67.19 PK	68.20	-1.01	1.56 V	110	56.19	11.00
4	11400.00	58.94 PK	74.00	-15.06	2.01 V	141	42.53	16.41
5	11400.00	50.14 AV	54.00	-3.86	2.01 V	141	33.73	16.41

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 149：5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	103.68 PK			1.19 H	148	61.19	42.49
2	*5745.00	96.57 AV			1.19 H	148	54.08	42.49
3	11490.00	62.90 PK	74.00	-11.10	2.08 H	248	45.89	17.01
4	11490.00	53.26 AV	54.00	-0.74	2.08 H	248	36.25	17.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	106.33 PK			1.86 V	177	63.84	42.49
2	*5745.00	99.74 AV			1.86 V	177	57.25	42.49
3	11490.00	60.55 PK	74.00	-13.45	1.43 V	136	43.54	17.01
4	11490.00	50.48 AV	54.00	-3.52	1.43 V	136	33.47	17.01

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 157：5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	103.66 PK			1.82 H	215	61.11	42.55
2	*5785.00	96.57 AV			1.82 H	215	54.02	42.55
3	11570.00	63.88 PK	74.00	-10.12	1.97 H	258	47.19	16.69
4	11570.00	52.91 AV	54.00	-1.09	1.97 H	258	36.22	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	106.59 PK			1.91 V	187	64.04	42.55
2	*5785.00	99.68 AV			1.91 V	187	57.13	42.55
3	11570.00	59.95 PK	74.00	-14.05	1.43 V	125	43.26	16.69
4	11570.00	49.83 AV	54.00	-4.17	1.43 V	125	33.14	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 165：5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	105.77 PK			1.99 H	213	63.14	42.63
2	*5825.00	98.94 AV			1.99 H	213	56.31	42.63
3	11650.00	62.31 PK	74.00	-11.69	2.04 H	261	45.25	17.06
4	11650.00	52.88 AV	54.00	-1.12	2.04 H	261	35.82	17.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	108.92 PK			1.74 V	181	66.29	42.63
2	*5825.00	101.47 AV			1.74 V	181	58.84	42.63
3	11650.00	59.55 PK	74.00	-14.45	1.43 V	125	42.49	17.06
4	11650.00	49.71 AV	54.00	-4.29	1.43 V	125	32.65	17.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 38：5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.74 PK	74.00	-13.26	2.01 H	228	50.22	10.52
2	5150.00	52.37 AV	54.00	-1.63	2.01 H	228	41.85	10.52
3	*5190.00	98.44 PK			2.01 H	228	56.35	42.09
4	*5190.00	91.83 AV			2.01 H	228	49.74	42.09
5	5350.00	59.96 PK	74.00	-14.04	2.01 H	228	49.38	10.58
6	5350.00	49.24 AV	54.00	-4.76	2.01 H	228	38.66	10.58
7	#10380.00	57.14 PK	68.20	-11.06	1.74 H	85	41.14	16.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.71 PK	74.00	-11.29	1.15 V	163	52.19	10.52
2	5150.00	52.70 AV	54.00	-1.30	1.15 V	163	42.18	10.52
3	*5190.00	99.23 PK			1.15 V	163	57.14	42.09
4	*5190.00	92.38 AV			1.15 V	163	50.29	42.09
5	5350.00	59.58 PK	74.00	-14.42	1.15 V	163	49.00	10.58
6	5350.00	49.58 AV	54.00	-4.42	1.15 V	163	39.00	10.58
7	#10380.00	57.11 PK	68.20	-11.09	1.37 V	155	41.11	16.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 46：5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.46 PK	74.00	-14.54	2.01 H	226	48.94	10.52
2	5150.00	49.65 AV	54.00	-4.35	2.01 H	226	39.13	10.52
3	*5230.00	101.34 PK			2.01 H	226	59.19	42.15
4	*5230.00	93.92 AV			2.01 H	226	51.77	42.15
5	5350.00	59.47 PK	74.00	-14.53	2.01 H	226	48.89	10.58
6	5350.00	49.71 AV	54.00	-4.29	2.01 H	226	39.13	10.58
7	#10460.00	57.32 PK	68.20	-10.88	2.83 H	73	41.25	16.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.54 PK	74.00	-14.46	1.15 V	163	49.02	10.52
2	5150.00	50.47 AV	54.00	-3.53	1.15 V	163	39.95	10.52
3	*5230.00	102.86 PK			1.15 V	163	60.71	42.15
4	*5230.00	96.00 AV			1.15 V	163	53.85	42.15
5	5350.00	59.70 PK	74.00	-14.30	1.15 V	163	49.12	10.58
6	5350.00	50.42 AV	54.00	-3.58	1.15 V	163	39.84	10.58
7	#10460.00	57.25 PK	68.20	-10.95	2.53 V	107	41.18	16.07

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 54：5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.41 PK	74.00	-14.59	1.99 H	226	48.89	10.52
2	5150.00	49.49 AV	54.00	-4.51	1.99 H	226	38.97	10.52
3	*5270.00	100.39 PK			1.99 H	226	58.24	42.15
4	*5270.00	93.70 AV			1.99 H	226	51.55	42.15
5	5350.00	59.92 PK	74.00	-14.08	1.99 H	226	49.34	10.58
6	5350.00	50.03 AV	54.00	-3.97	1.99 H	226	39.45	10.58
7	#10540.00	56.71 PK	68.20	-11.49	1.64 H	9	40.71	16.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.73 PK	74.00	-14.27	1.19 V	161	49.21	10.52
2	5150.00	49.84 AV	54.00	-4.16	1.19 V	161	39.32	10.52
3	*5270.00	102.03 PK			1.19 V	161	59.88	42.15
4	*5270.00	95.37 AV			1.19 V	161	53.22	42.15
5	5350.00	59.61 PK	74.00	-14.39	1.19 V	161	49.03	10.58
6	5350.00	49.64 AV	54.00	-4.36	1.19 V	161	39.06	10.58
7	#10540.00	57.78 PK	68.20	-10.42	1.14 V	252	41.78	16.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 62：5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.51 PK	74.00	-14.49	1.99 H	226	48.99	10.52
2	5150.00	49.28 AV	54.00	-4.72	1.99 H	226	38.76	10.52
3	*5310.00	100.55 PK			1.99 H	226	58.44	42.11
4	*5310.00	93.97 AV			1.99 H	226	51.86	42.11
5	5350.00	63.93 PK	74.00	-10.07	1.99 H	226	53.35	10.58
6	5350.00	51.13 AV	54.00	-2.87	1.99 H	226	40.55	10.58
7	10620.00	57.42 PK	74.00	-16.58	1.69 H	357	41.47	15.95
8	10620.00	49.05 AV	54.00	-4.95	1.69 H	357	33.10	15.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.67 PK	74.00	-14.33	1.16 V	161	49.15	10.52
2	5150.00	50.18 AV	54.00	-3.82	1.16 V	161	39.66	10.52
3	*5310.00	101.36 PK			1.16 V	161	59.25	42.11
4	*5310.00	94.89 AV			1.16 V	161	52.78	42.11
5	5350.00	64.90 PK	74.00	-9.10	1.16 V	161	54.32	10.58
6	5350.00	52.80 AV	54.00	-1.20	1.16 V	161	42.22	10.58
7	10620.00	56.83 PK	74.00	-17.17	1.35 V	227	40.88	15.95
8	10620.00	48.30 AV	54.00	-5.70	1.35 V	227	32.35	15.95

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 102：5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.29 PK	74.00	-12.71	1.50 H	138	50.81	10.48
2	5460.00	51.65 AV	54.00	-2.35	1.50 H	138	41.17	10.48
3	#5470.00	63.17 PK	68.20	-5.03	1.50 H	138	52.77	10.40
4	*5510.00	100.30 PK			1.50 H	138	58.21	42.09
5	*5510.00	93.27 AV			1.50 H	138	51.18	42.09
6	#5725.00	59.59 PK	68.20	-8.61	1.50 H	138	48.59	11.00
7	11020.00	59.24 PK	74.00	-14.76	1.67 H	107	42.55	16.69
8	11020.00	50.77 AV	54.00	-3.23	1.67 H	107	34.08	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.80 PK	74.00	-14.20	1.78 V	181	49.32	10.48
2	5460.00	50.32 AV	54.00	-3.68	1.78 V	181	39.84	10.48
3	#5470.00	62.84 PK	68.20	-5.36	1.78 V	181	52.44	10.40
4	*5510.00	101.90 PK			1.78 V	181	59.81	42.09
5	*5510.00	94.69 AV			1.78 V	181	52.60	42.09
6	#5725.00	59.93 PK	68.20	-8.27	1.78 V	181	48.93	11.00
7	11020.00	59.90 PK	74.00	-14.10	1.57 V	254	43.21	16.69
8	11020.00	51.74 AV	54.00	-2.26	1.57 V	254	35.05	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 110：5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.63 PK	74.00	-14.37	1.50 H	138	49.15	10.48
2	5460.00	49.73 AV	54.00	-4.27	1.50 H	138	39.25	10.48
3	#5470.00	60.08 PK	68.20	-8.12	1.50 H	138	49.68	10.40
4	*5550.00	100.39 PK			1.50 H	138	58.27	42.12
5	*5550.00	93.41 AV			1.50 H	138	51.29	42.12
6	#5725.00	60.33 PK	68.20	-7.87	1.50 H	138	49.33	11.00
7	11100.00	59.38 PK	74.00	-14.62	1.67 H	107	42.98	16.40
8	11100.00	50.80 AV	54.00	-3.20	1.67 H	107	34.40	16.40
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.02 PK	74.00	-13.98	1.78 V	181	49.54	10.48
2	5460.00	50.37 AV	54.00	-3.63	1.78 V	181	39.89	10.48
3	#5470.00	60.39 PK	68.20	-7.81	1.78 V	181	49.99	10.40
4	*5550.00	102.47 PK			1.78 V	181	60.35	42.12
5	*5550.00	96.00 AV			1.78 V	181	53.88	42.12
6	#5725.00	60.17 PK	68.20	-8.03	1.78 V	181	49.17	11.00
7	11100.00	60.75 PK	74.00	-13.25	2.01 V	144	44.35	16.40
8	11100.00	51.30 AV	54.00	-2.70	2.01 V	144	34.90	16.40

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 134：5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.69 PK	74.00	-13.31	1.50 H	138	50.21	10.48
2	5460.00	50.29 AV	54.00	-3.71	1.50 H	138	39.81	10.48
3	#5470.00	61.28 PK	68.20	-6.92	1.50 H	138	50.88	10.40
4	*5670.00	101.50 PK			1.50 H	138	59.21	42.29
5	*5670.00	94.73 AV			1.50 H	138	52.44	42.29
6	#5725.00	61.36 PK	68.20	-6.84	1.50 H	138	50.36	11.00
7	11340.00	61.06 PK	74.00	-12.94	1.67 H	107	44.25	16.81
8	11340.00	51.81 AV	54.00	-2.19	1.67 H	107	35.00	16.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.49 PK	74.00	-13.51	1.80 V	190	50.01	10.48
2	5460.00	49.92 AV	54.00	-4.08	1.80 V	190	39.44	10.48
3	#5470.00	60.73 PK	68.20	-7.47	1.80 V	190	50.33	10.40
4	*5670.00	102.54 PK			1.80 V	190	60.25	42.29
5	*5670.00	95.76 AV			1.80 V	190	53.47	42.29
6	#5725.00	62.41 PK	68.20	-5.79	1.80 V	190	51.41	11.00
7	11340.00	59.66 PK	74.00	-14.34	2.01 V	144	42.85	16.81
8	11340.00	50.87 AV	54.00	-3.13	2.01 V	144	34.06	16.81

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 151：5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	101.10 PK			1.87 H	141	58.59	42.51
2	*5755.00	93.66 AV			1.87 H	141	51.15	42.51
3	11510.00	61.46 PK	74.00	-12.54	2.08 H	248	44.44	17.02
4	11510.00	51.66 AV	54.00	-2.34	2.08 H	248	34.64	17.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	103.72 PK			1.88 V	176	61.21	42.51
2	*5755.00	97.38 AV			1.88 V	176	54.87	42.51
3	11510.00	58.79 PK	74.00	-15.21	1.43 V	136	41.77	17.02
4	11510.00	47.50 AV	54.00	-6.50	1.43 V	136	30.48	17.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 159：5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	100.70 PK			1.83 H	213	58.13	42.57
2	*5795.00	93.85 AV			1.83 H	213	51.28	42.57
3	11590.00	59.37 PK	74.00	-14.63	2.04 H	261	42.79	16.58
4	11590.00	50.42 AV	54.00	-3.58	2.04 H	261	33.84	16.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	103.77 PK			1.74 V	181	61.20	42.57
2	*5795.00	97.13 AV			1.74 V	181	54.56	42.57
3	11590.00	58.31 PK	74.00	-15.69	1.43 V	125	41.73	16.58
4	11590.00	49.51 AV	54.00	-4.49	1.43 V	125	32.93	16.58

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 42：5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.94 PK	74.00	-15.06	2.01 H	226	48.42	10.52
2	5150.00	51.61 AV	54.00	-2.39	2.01 H	226	41.09	10.52
3	*5210.00	92.71 PK			2.01 H	226	50.58	42.13
4	*5210.00	85.43 AV			2.01 H	226	43.30	42.13
5	5350.00	57.99 PK	74.00	-16.01	2.01 H	226	47.41	10.58
6	5350.00	49.02 AV	54.00	-4.98	2.01 H	226	38.44	10.58
7	#10420.00	57.00 PK	68.20	-11.20	1.21 H	196	40.96	16.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.87 PK	74.00	-13.13	1.24 V	163	50.35	10.52
2	5150.00	53.43 AV	54.00	-0.57	1.24 V	163	42.91	10.52
3	*5210.00	93.67 PK			1.24 V	163	51.54	42.13
4	*5210.00	88.11 AV			1.24 V	163	45.98	42.13
5	5350.00	58.12 PK	74.00	-15.88	1.24 V	163	47.54	10.58
6	5350.00	49.03 AV	54.00	-4.97	1.24 V	163	38.45	10.58
7	#10420.00	57.27 PK	68.20	-10.93	1.62 V	314	41.23	16.04

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 58：5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.80 PK	74.00	-13.20	1.99 H	226	50.28	10.52
2	5150.00	50.96 AV	54.00	-3.04	1.99 H	226	40.44	10.52
3	*5290.00	96.27 PK			1.99 H	226	54.14	42.13
4	*5290.00	89.60 AV			1.99 H	226	47.47	42.13
5	5350.00	62.88 PK	74.00	-11.12	1.99 H	226	52.30	10.58
6	5350.00	52.42 AV	54.00	-1.58	1.99 H	226	41.84	10.58
7	#10580.00	57.79 PK	68.20	-10.41	1.38 H	177	41.88	15.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.54 PK	74.00	-13.46	1.15 V	164	50.02	10.52
2	5150.00	50.66 AV	54.00	-3.34	1.15 V	164	40.14	10.52
3	*5290.00	98.83 PK			1.15 V	164	56.70	42.13
4	*5290.00	91.54 AV			1.15 V	164	49.41	42.13
5	5350.00	64.68 PK	74.00	-9.32	1.15 V	164	54.10	10.58
6	5350.00	52.97 AV	54.00	-1.03	1.15 V	164	42.39	10.58
7	#10580.00	56.91 PK	68.20	-11.29	1.77 V	265	41.00	15.91

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 106：5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.91 PK	74.00	-14.09	1.50 H	138	49.43	10.48
2	5460.00	50.01 AV	54.00	-3.99	1.50 H	138	39.53	10.48
3	#5470.00	60.81 PK	68.20	-7.39	1.50 H	138	50.41	10.40
4	*5530.00	96.74 PK			1.50 H	138	54.63	42.11
5	*5530.00	89.66 AV			1.50 H	138	47.55	42.11
6	#5725.00	61.20 PK	68.20	-7.00	1.50 H	138	50.20	11.00
7	11060.00	59.09 PK	74.00	-14.91	1.89 H	322	42.55	16.54
8	11060.00	48.65 AV	54.00	-5.35	1.89 H	322	32.11	16.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.13 PK	74.00	-13.87	1.78 V	183	49.65	10.48
2	5460.00	50.15 AV	54.00	-3.85	1.78 V	183	39.67	10.48
3	#5470.00	61.17 PK	68.20	-7.03	1.78 V	183	50.77	10.40
4	*5530.00	98.00 PK			1.78 V	183	55.89	42.11
5	*5530.00	90.93 AV			1.78 V	183	48.82	42.11
6	#5725.00	61.39 PK	68.20	-6.81	1.78 V	183	50.39	11.00
7	11060.00	58.89 PK	74.00	-15.11	1.25 V	78	42.35	16.54
8	11060.00	48.54 AV	54.00	-5.46	1.25 V	78	32.00	16.54

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 122：5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.92 PK	74.00	-13.08	1.50 H	138	50.44	10.48
2	5460.00	51.12 AV	54.00	-2.88	1.50 H	138	40.64	10.48
3	#5470.00	61.25 PK	68.20	-6.95	1.50 H	138	50.85	10.40
4	*5610.00	101.71 PK			1.50 H	134	59.54	42.17
5	*5610.00	94.94 AV			1.50 H	134	52.77	42.17
6	#5725.00	62.21 PK	68.20	-5.99	1.50 H	138	51.21	11.00
7	11220.00	63.11 PK	74.00	-10.89	1.67 H	111	45.99	17.12
8	11220.00	53.00 AV	54.00	-1.00	1.67 H	111	35.88	17.12
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.16 PK	74.00	-13.84	1.65 V	193	49.68	10.48
2	5460.00	51.59 AV	54.00	-2.41	1.65 V	193	41.11	10.48
3	#5470.00	60.62 PK	68.20	-7.58	1.65 V	193	50.22	10.40
4	*5610.00	102.59 PK			1.65 V	193	60.42	42.17
5	*5610.00	95.49 AV			1.65 V	193	53.32	42.17
6	#5725.00	60.88 PK	68.20	-7.32	1.65 V	193	49.88	11.00
7	11220.00	61.33 PK	74.00	-12.67	2.01 V	144	44.21	17.12
8	11220.00	51.43 AV	54.00	-2.57	2.01 V	144	34.31	17.12

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 155：5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	100.58 PK			1.82 H	215	58.04	42.54
2	*5775.00	94.42 AV			1.82 H	215	51.88	42.54
3	11550.00	57.57 PK	74.00	-16.43	1.97 H	258	40.77	16.80
4	11550.00	50.95 AV	54.00	-3.05	1.97 H	258	34.15	16.80
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	102.29 PK			1.71 V	187	59.75	42.54
2	*5775.00	95.88 AV			1.71 V	187	53.34	42.54
3	11550.00	56.08 PK	74.00	-17.92	1.43 V	125	39.28	16.80
4	11550.00	50.29 AV	54.00	-3.71	1.43 V	125	33.49	16.80

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

9 kHz ~ 30 MHz Data:

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

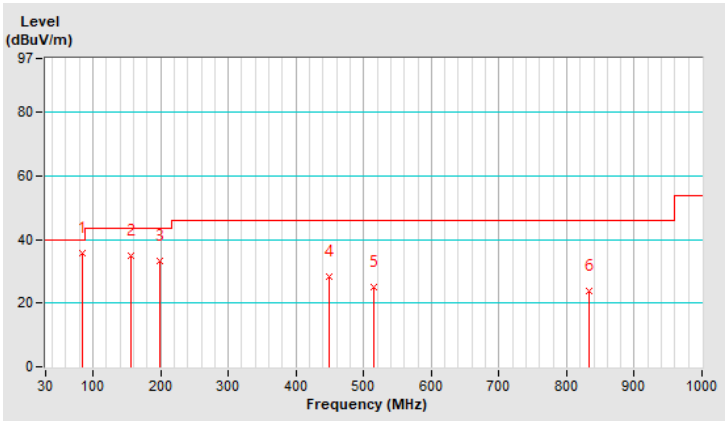
30 MHz ~ 1 GHz Worst-Case Data:

RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	84.55	35.88 QP	40.00	-4.12	1.75 H	322	58.62	-22.74
2	156.32	35.09 QP	43.50	-8.41	1.41 H	78	51.49	-16.40
3	199.65	33.22 QP	43.50	-10.28	1.67 H	8	53.02	-19.80
4	449.82	28.47 QP	46.00	-17.53	1.71 H	109	40.04	-11.57
5	515.02	25.17 QP	46.00	-20.83	1.17 H	318	35.75	-10.58
6	832.60	23.70 QP	46.00	-22.30	1.06 H	105	28.59	-4.89

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

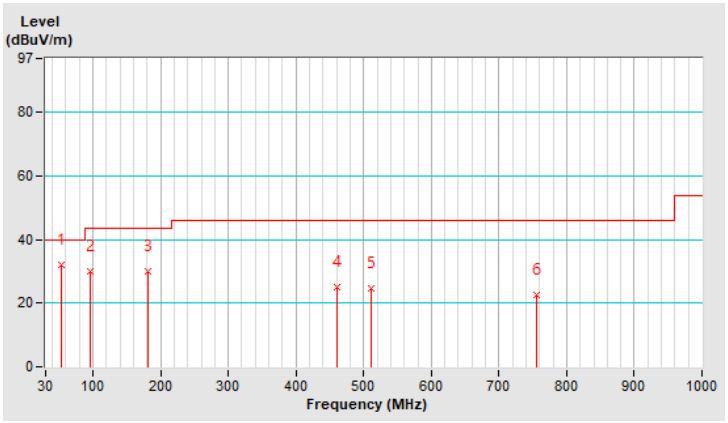


RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	52.38	32.13 QP	40.00	-7.87	1.48 V	176	49.16	-17.03
2	96.62	29.84 QP	43.50	-13.66	1.95 V	127	51.68	-21.84
3	181.12	30.16 QP	43.50	-13.34	1.13 V	106	48.34	-18.18
4	459.94	25.02 QP	46.00	-20.98	1.11 V	348	36.36	-11.34
5	510.50	24.60 QP	46.00	-21.40	1.50 V	169	35.27	-10.67
6	755.55	22.49 QP	46.00	-23.51	1.17 V	155	28.39	-5.90

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Mode B

Above 1 GHz Data：

RF Mode	TX 802.11a	Channel	CH 36：5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.08 PK	74.00	-14.92	1.92 H	208	48.56	10.52
2	5150.00	50.34 AV	54.00	-3.66	1.92 H	208	39.82	10.52
3	*5180.00	104.47 PK			1.92 H	208	62.41	42.06
4	*5180.00	98.09 AV			1.92 H	208	56.03	42.06
5	#10360.00	57.42 PK	68.20	-10.78	1.98 H	151	41.44	15.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.12 PK	74.00	-11.88	2.07 V	154	51.60	10.52
2	5150.00	51.28 AV	54.00	-2.72	2.07 V	154	40.76	10.52
3	*5180.00	106.06 PK			2.07 V	154	64.00	42.06
4	*5180.00	99.64 AV			2.07 V	154	57.58	42.06
5	#10360.00	57.35 PK	68.20	-10.85	1.37 V	205	41.37	15.98

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 40：5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.63 PK	74.00	-12.37	1.92 H	208	51.11	10.52
2	5150.00	52.02 AV	54.00	-1.98	1.92 H	208	41.50	10.52
3	*5200.00	109.73 PK			1.92 H	208	67.60	42.13
4	*5200.00	102.25 AV			1.92 H	208	60.12	42.13
5	5350.00	61.64 PK	74.00	-12.36	1.92 H	208	51.06	10.58
6	5350.00	51.60 AV	54.00	-2.40	1.92 H	208	41.02	10.58
7	#10400.00	58.38 PK	68.20	-9.82	1.77 H	154	42.36	16.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.49 PK	74.00	-12.51	2.07 V	154	50.97	10.52
2	5150.00	51.27 AV	54.00	-2.73	2.07 V	154	40.75	10.52
3	*5200.00	110.67 PK			2.07 V	154	68.54	42.13
4	*5200.00	103.37 AV			2.07 V	154	61.24	42.13
5	5350.00	61.24 PK	74.00	-12.76	2.07 V	154	50.66	10.58
6	5350.00	51.06 AV	54.00	-2.94	2.07 V	154	40.48	10.58
7	#10400.00	57.46 PK	68.20	-10.74	1.66 V	65	41.44	16.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 48：5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	108.03 PK			1.92 H	208	65.86	42.17
2	*5240.00	101.11 AV			1.92 H	208	58.94	42.17
3	5350.00	61.22 PK	74.00	-12.78	1.92 H	208	50.64	10.58
4	5350.00	50.91 AV	54.00	-3.09	1.92 H	208	40.33	10.58
5	#10480.00	57.44 PK	68.20	-10.76	1.64 H	34	41.35	16.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	109.64 PK			2.07 V	154	67.47	42.17
2	*5240.00	102.55 AV			2.07 V	154	60.38	42.17
3	5350.00	61.24 PK	74.00	-12.76	2.07 V	154	50.66	10.58
4	5350.00	51.27 AV	54.00	-2.73	2.07 V	154	40.69	10.58
5	#10480.00	57.54 PK	68.20	-10.66	1.34 V	7	41.45	16.09

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 52：5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.63 PK	74.00	-13.37	2.14 H	208	50.11	10.52
2	5150.00	51.16 AV	54.00	-2.84	2.14 H	208	40.64	10.52
3	*5260.00	108.39 PK			2.14 H	208	66.24	42.15
4	*5260.00	101.59 AV			2.14 H	208	59.44	42.15
5	#10520.00	57.59 PK	68.20	-10.61	1.78 H	274	41.53	16.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.76 PK	74.00	-12.24	2.00 V	158	51.24	10.52
2	5150.00	51.16 AV	54.00	-2.84	2.00 V	158	40.64	10.52
3	*5260.00	110.39 PK			2.00 V	158	68.24	42.15
4	*5260.00	103.49 AV			2.00 V	158	61.34	42.15
5	#10520.00	57.22 PK	68.20	-10.98	1.77 V	24	41.16	16.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 60：5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.76 PK	74.00	-13.24	2.14 H	208	50.24	10.52
2	5150.00	51.11 AV	54.00	-2.89	2.14 H	208	40.59	10.52
3	*5300.00	108.54 PK			2.14 H	208	66.43	42.11
4	*5300.00	101.47 AV			2.14 H	208	59.36	42.11
5	5350.00	61.07 PK	74.00	-12.93	2.14 H	208	50.49	10.58
6	5350.00	51.13 AV	54.00	-2.87	2.14 H	208	40.55	10.58
7	10600.00	57.24 PK	74.00	-16.76	1.54 H	22	41.38	15.86
8	10600.00	47.59 AV	54.00	-6.41	1.54 H	22	31.73	15.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.19 PK	74.00	-12.81	2.00 V	158	50.67	10.52
2	5150.00	51.21 AV	54.00	-2.79	2.00 V	158	40.69	10.52
3	*5300.00	110.35 PK			2.00 V	158	68.24	42.11
4	*5300.00	103.48 AV			2.00 V	158	61.37	42.11
5	5350.00	61.32 PK	74.00	-12.68	2.00 V	158	50.74	10.58
6	5350.00	51.47 AV	54.00	-2.53	2.00 V	158	40.89	10.58
7	10600.00	57.41 PK	74.00	-16.59	1.38 V	8	41.55	15.86
8	10600.00	47.22 AV	54.00	-6.78	1.38 V	8	31.36	15.86

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 64：5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	107.46 PK			1.89 H	218	65.34	42.12
2	*5320.00	100.22 AV			1.89 H	218	58.10	42.12
3	5460.00	59.84 PK	74.00	-14.16	1.89 H	218	49.36	10.48
4	5460.00	50.26 AV	54.00	-3.74	1.89 H	218	39.78	10.48
5	10640.00	57.32 PK	74.00	-16.68	2.14 H	192	41.27	16.05
6	10640.00	47.43 AV	54.00	-6.57	2.14 H	192	31.38	16.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	108.52 PK			1.96 V	160	66.40	42.12
2	*5320.00	101.98 AV			1.96 V	160	59.86	42.12
3	5460.00	61.98 PK	74.00	-12.02	1.96 V	160	51.50	10.48
4	5460.00	52.60 AV	54.00	-1.40	1.96 V	160	42.12	10.48
5	10640.00	57.42 PK	74.00	-16.58	1.72 V	206	41.37	16.05
6	10640.00	47.49 AV	54.00	-6.51	1.72 V	206	31.44	16.05

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 100：5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.61 PK	74.00	-15.39	1.89 H	218	48.13	10.48
2	5460.00	50.94 AV	54.00	-3.06	1.89 H	218	40.46	10.48
3	#5470.00	65.33 PK	68.20	-2.87	1.89 H	218	54.93	10.40
4	*5500.00	106.23 PK			1.89 H	218	64.15	42.08
5	*5500.00	98.97 AV			1.89 H	218	56.89	42.08
6	11000.00	58.61 PK	74.00	-15.39	2.53 H	61	41.85	16.76
7	11000.00	48.92 AV	54.00	-5.08	2.53 H	61	32.16	16.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.48 PK	74.00	-15.52	1.70 V	160	48.00	10.48
2	5460.00	51.07 AV	54.00	-2.93	1.70 V	160	40.59	10.48
3	#5470.00	67.16 PK	68.20	-1.04	1.70 V	160	56.76	10.40
4	*5500.00	107.47 PK			1.70 V	160	65.39	42.08
5	*5500.00	100.23 AV			1.70 V	160	58.15	42.08
6	11000.00	58.12 PK	74.00	-15.88	1.34 V	92	41.36	16.76
7	11000.00	48.50 AV	54.00	-5.50	1.34 V	92	31.74	16.76

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 116：5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.80 PK	74.00	-14.20	1.89 H	218	49.32	10.48
2	5460.00	50.63 AV	54.00	-3.37	1.89 H	218	40.15	10.48
3	#5470.00	60.42 PK	68.20	-7.78	1.89 H	218	50.02	10.40
4	*5580.00	107.95 PK			1.89 H	218	65.81	42.14
5	*5580.00	100.48 AV			1.89 H	218	58.34	42.14
6	#5725.00	61.77 PK	68.20	-6.43	1.89 H	218	50.77	11.00
7	11160.00	59.12 PK	74.00	-14.88	1.56 H	74	42.27	16.85
8	11160.00	49.41 AV	54.00	-4.59	1.56 H	74	32.56	16.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.06 PK	74.00	-15.94	1.77 V	160	47.58	10.48
2	5460.00	50.60 AV	54.00	-3.40	1.77 V	160	40.12	10.48
3	#5470.00	57.79 PK	68.20	-10.41	1.77 V	160	47.39	10.40
4	*5580.00	109.53 PK			1.77 V	160	67.39	42.14
5	*5580.00	102.38 AV			1.77 V	160	60.24	42.14
6	#5725.00	61.27 PK	68.20	-6.93	1.77 V	160	50.27	11.00
7	11160.00	58.88 PK	74.00	-15.12	1.49 V	112	42.03	16.85
8	11160.00	49.21 AV	54.00	-4.79	1.49 V	112	32.36	16.85

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 140：5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	103.99 PK			1.89 H	128	61.60	42.39
2	*5700.00	96.84 AV			1.89 H	128	54.45	42.39
3	#5725.00	65.80 PK	68.20	-2.40	1.89 H	218	54.80	11.00
4	11400.00	58.64 PK	74.00	-15.36	1.74 H	82	42.23	16.41
5	11400.00	48.95 AV	54.00	-5.05	1.74 H	82	32.54	16.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.11 PK			1.60 V	160	62.72	42.39
2	*5700.00	98.18 AV			1.60 V	160	55.79	42.39
3	#5725.00	66.63 PK	68.20	-1.57	1.60 V	160	55.63	11.00
4	11400.00	58.78 PK	74.00	-15.22	1.49 V	135	42.37	16.41
5	11400.00	49.07 AV	54.00	-4.93	1.49 V	135	32.66	16.41

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a	Channel	CH 149：5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	111.25 PK			2.00 H	232	68.76	42.49
2	*5745.00	104.45 AV			2.00 H	232	61.96	42.49
3	11490.00	57.64 PK	74.00	-16.36	1.53 H	3	40.63	17.01
4	11490.00	47.48 AV	54.00	-6.52	1.53 H	3	30.47	17.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	109.73 PK			1.89 V	176	67.24	42.49
2	*5745.00	102.61 AV			1.89 V	176	60.12	42.49
3	11490.00	57.37 PK	74.00	-16.63	1.34 V	5	40.36	17.01
4	11490.00	47.50 AV	54.00	-6.50	1.34 V	5	30.49	17.01

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 157：5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	111.12 PK			2.00 H	232	68.57	42.55
2	*5785.00	103.98 AV			2.00 H	232	61.43	42.55
3	11570.00	57.44 PK	74.00	-16.56	1.85 H	37	40.75	16.69
4	11570.00	47.86 AV	54.00	-6.14	1.85 H	37	31.17	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	108.00 PK			1.89 V	176	65.45	42.55
2	*5785.00	101.24 AV			1.89 V	176	58.69	42.55
3	11570.00	57.34 PK	74.00	-16.66	1.59 V	64	40.65	16.69
4	11570.00	47.61 AV	54.00	-6.39	1.59 V	64	30.92	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11a	Channel	CH 165：5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	110.27 PK			2.00 H	232	67.64	42.63
2	*5825.00	103.54 AV			2.00 H	232	60.91	42.63
3	11650.00	57.48 PK	74.00	-16.52	1.86 H	184	40.42	17.06
4	11650.00	47.64 AV	54.00	-6.36	1.86 H	184	30.58	17.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	108.30 PK			2.02 V	187	65.67	42.63
2	*5825.00	101.04 AV			2.02 V	187	58.41	42.63
3	11650.00	57.25 PK	74.00	-16.75	1.92 V	334	40.19	17.06
4	11650.00	47.92 AV	54.00	-6.08	1.92 V	334	30.86	17.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 36：5180 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	63.30 PK	74.00	-10.70	1.92 H	208	52.78	10.52
2	5150.00	52.11 AV	54.00	-1.89	1.92 H	208	41.59	10.52
3	*5180.00	106.61 PK			1.92 H	208	64.55	42.06
4	*5180.00	99.71 AV			1.92 H	208	57.65	42.06
5	#10360.00	57.36 PK	68.20	-10.84	1.96 H	274	41.38	15.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.63 PK	74.00	-11.37	2.07 V	154	52.11	10.52
2	5150.00	52.34 AV	54.00	-1.66	2.07 V	154	41.82	10.52
3	*5180.00	108.60 PK			2.07 V	154	66.54	42.06
4	*5180.00	101.33 AV			2.07 V	154	59.27	42.06
5	#10360.00	57.30 PK	68.20	-10.90	1.57 V	178	41.32	15.98

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 40：5200 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.76 PK	74.00	-12.24	1.92 H	208	51.24	10.52
2	5150.00	51.32 AV	54.00	-2.68	1.92 H	208	40.80	10.52
3	*5200.00	109.47 PK			1.92 H	208	67.34	42.13
4	*5200.00	102.54 AV			1.92 H	208	60.41	42.13
5	5350.00	61.24 PK	74.00	-12.76	1.92 H	208	50.66	10.58
6	5350.00	50.96 AV	54.00	-3.04	1.92 H	208	40.38	10.58
7	#10400.00	57.00 PK	68.20	-11.20	1.74 H	7	40.98	16.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.69 PK	74.00	-12.31	2.07 V	154	51.17	10.52
2	5150.00	52.39 AV	54.00	-1.61	2.07 V	154	41.87	10.52
3	*5200.00	110.45 PK			2.07 V	154	68.32	42.13
4	*5200.00	103.57 AV			2.07 V	154	61.44	42.13
5	5350.00	61.07 PK	74.00	-12.93	2.07 V	154	50.49	10.58
6	5350.00	51.24 AV	54.00	-2.76	2.07 V	154	40.66	10.58
7	#10400.00	56.59 PK	68.20	-11.61	1.84 V	295	40.57	16.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	108.52 PK			1.92 H	208	66.35	42.17
2	*5240.00	101.74 AV			1.92 H	208	59.57	42.17
3	5350.00	61.70 PK	74.00	-12.30	1.92 H	208	51.12	10.58
4	5350.00	51.36 AV	54.00	-2.64	1.92 H	208	40.78	10.58
5	#10480.00	57.28 PK	68.20	-10.92	1.33 H	348	41.19	16.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5240.00	110.38 PK			2.07 V	154	68.21	42.17
2	*5240.00	103.64 AV			2.07 V	154	61.47	42.17
3	5350.00	61.42 PK	74.00	-12.58	2.07 V	154	50.84	10.58
4	5350.00	51.48 AV	54.00	-2.52	2.07 V	154	40.90	10.58
5	#10480.00	57.40 PK	68.20	-10.80	1.56 V	85	41.31	16.09

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 52：5260 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.13 PK	74.00	-14.87	2.14 H	208	48.61	10.52
2	5150.00	51.49 AV	54.00	-2.51	2.14 H	208	40.97	10.52
3	*5260.00	108.24 PK			2.14 H	208	66.09	42.15
4	*5260.00	101.07 AV			2.14 H	208	58.92	42.15
5	#10520.00	57.23 PK	68.20	-10.97	1.51 H	131	41.17	16.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.01 PK	74.00	-14.99	2.00 V	158	48.49	10.52
2	5150.00	51.37 AV	54.00	-2.63	2.00 V	158	40.85	10.52
3	*5260.00	110.92 PK			2.00 V	158	68.77	42.15
4	*5260.00	103.90 AV			2.00 V	158	61.75	42.15
5	#10520.00	57.42 PK	68.20	-10.78	1.79 V	226	41.36	16.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 60：5300 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.01 PK	74.00	-14.99	2.14 H	208	48.49	10.52
2	5150.00	51.46 AV	54.00	-2.54	2.14 H	208	40.94	10.52
3	*5300.00	107.63 PK			2.14 H	208	65.52	42.11
4	*5300.00	100.64 AV			2.14 H	208	58.53	42.11
5	5350.00	59.72 PK	74.00	-14.28	2.14 H	208	49.14	10.58
6	5350.00	50.68 AV	54.00	-3.32	2.14 H	208	40.10	10.58
7	10600.00	57.31 PK	74.00	-16.69	1.54 H	107	41.45	15.86
8	10600.00	47.49 AV	54.00	-6.51	1.54 H	107	31.63	15.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.18 PK	74.00	-13.82	2.00 V	158	49.66	10.52
2	5150.00	51.40 AV	54.00	-2.60	2.00 V	158	40.88	10.52
3	*5300.00	110.46 PK			2.00 V	158	68.35	42.11
4	*5300.00	103.54 AV			2.00 V	158	61.43	42.11
5	5350.00	58.99 PK	74.00	-15.01	2.00 V	158	48.41	10.58
6	5350.00	50.83 AV	54.00	-3.17	2.00 V	158	40.25	10.58
7	10600.00	57.11 PK	74.00	-16.89	2.23 V	176	41.25	15.86
8	10600.00	47.19 AV	54.00	-6.81	2.23 V	176	31.33	15.86

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 64：5320 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	105.73 PK			1.89 H	218	63.61	42.12
2	*5320.00	98.61 AV			1.89 H	218	56.49	42.12
3	5350.00	59.64 PK	74.00	-14.36	1.89 H	218	49.06	10.58
4	5350.00	50.85 AV	54.00	-3.15	1.89 H	218	40.27	10.58
5	10640.00	57.44 PK	74.00	-16.56	2.07 H	136	41.39	16.05
6	10640.00	47.72 AV	54.00	-6.28	2.07 H	136	31.67	16.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	107.33 PK			1.96 V	160	65.21	42.12
2	*5320.00	100.31 AV			1.96 V	160	58.19	42.12
3	5350.00	59.72 PK	74.00	-14.28	1.96 V	160	49.14	10.58
4	5350.00	51.18 AV	54.00	-2.82	1.96 V	160	40.60	10.58
5	10640.00	57.54 PK	74.00	-16.46	1.62 V	134	41.49	16.05
6	10640.00	47.68 AV	54.00	-6.32	1.62 V	134	31.63	16.05

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 100：5500 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.36 PK	74.00	-15.64	1.89 H	218	47.88	10.48
2	5460.00	50.52 AV	54.00	-3.48	1.89 H	218	40.04	10.48
3	#5470.00	63.70 PK	68.20	-4.50	1.89 H	218	53.30	10.40
4	*5500.00	104.46 PK			1.89 H	218	62.38	42.08
5	*5500.00	97.52 AV			1.89 H	218	55.44	42.08
6	11000.00	59.15 PK	74.00	-14.85	1.53 H	61	42.39	16.76
7	11000.00	49.33 AV	54.00	-4.67	1.53 H	61	32.57	16.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.29 PK	74.00	-14.71	1.70 V	160	48.81	10.48
2	5460.00	50.49 AV	54.00	-3.51	1.70 V	160	40.01	10.48
3	#5470.00	65.31 PK	68.20	-2.89	1.70 V	160	54.91	10.40
4	*5500.00	106.06 PK			1.70 V	160	63.98	42.08
5	*5500.00	98.75 AV			1.70 V	160	56.67	42.08
6	11000.00	59.05 PK	74.00	-14.95	1.34 V	92	42.29	16.76
7	11000.00	49.37 AV	54.00	-4.63	1.34 V	92	32.61	16.76

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 116：5580 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.26 PK	74.00	-14.74	1.89 H	218	48.78	10.48
2	5460.00	50.57 AV	54.00	-3.43	1.89 H	218	40.09	10.48
3	#5470.00	60.15 PK	68.20	-8.05	1.89 H	218	49.75	10.40
4	*5580.00	106.94 PK			1.89 H	218	64.80	42.14
5	*5580.00	99.99 AV			1.89 H	218	57.85	42.14
6	#5725.00	62.06 PK	68.20	-6.14	1.89 H	218	51.06	11.00
7	11160.00	59.23 PK	74.00	-14.77	1.56 H	74	42.38	16.85
8	11160.00	49.46 AV	54.00	-4.54	1.56 H	74	32.61	16.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.52 PK	74.00	-15.48	1.77 V	160	48.04	10.48
2	5460.00	50.60 AV	54.00	-3.40	1.77 V	160	40.12	10.48
3	#5470.00	59.94 PK	68.20	-8.26	1.77 V	160	49.54	10.40
4	*5580.00	108.77 PK			1.77 V	160	66.63	42.14
5	*5580.00	101.65 AV			1.77 V	160	59.51	42.14
6	#5725.00	62.63 PK	68.20	-5.57	1.77 V	160	51.63	11.00
7	11160.00	59.52 PK	74.00	-14.48	1.49 V	112	42.67	16.85
8	11160.00	49.81 AV	54.00	-4.19	1.49 V	112	32.96	16.85

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 140：5700 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	104.28 PK			1.89 H	218	61.89	42.39
2	*5700.00	97.23 AV			1.89 H	218	54.84	42.39
3	#5725.00	65.86 PK	68.20	-2.34	1.89 H	218	54.86	11.00
4	11400.00	58.94 PK	74.00	-15.06	1.74 H	82	42.53	16.41
5	11400.00	49.22 AV	54.00	-4.78	1.74 H	82	32.81	16.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.55 PK			1.60 V	160	63.16	42.39
2	*5700.00	98.52 AV			1.60 V	160	56.13	42.39
3	#5725.00	66.53 PK	68.20	-1.67	1.60 V	160	55.53	11.00
4	11400.00	58.90 PK	74.00	-15.10	1.49 V	135	42.49	16.41
5	11400.00	49.09 AV	54.00	-4.91	1.49 V	135	32.68	16.41

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT20)	Channel	CH 149：5745 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	110.69 PK			2.00 H	232	68.20	42.49
2	*5745.00	103.68 AV			2.00 H	232	61.19	42.49
3	11490.00	57.33 PK	74.00	-16.67	1.89 H	316	40.32	17.01
4	11490.00	47.06 AV	54.00	-6.94	1.89 H	316	30.05	17.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5745.00	108.54 PK			1.89 V	176	66.05	42.49
2	*5745.00	101.17 AV			1.89 V	176	58.68	42.49
3	11490.00	57.42 PK	74.00	-16.58	N/A V	N/A	40.41	17.01
4	11490.00	47.50 AV	54.00	-6.50	N/A V	N/A	30.49	17.01

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 157：5785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	111.05 PK			2.00 H	232	68.50	42.55
2	*5785.00	104.09 AV			2.00 H	232	61.54	42.55
3	11570.00	57.46 PK	74.00	-16.54	1.73 H	2	40.77	16.69
4	11570.00	47.59 AV	54.00	-6.41	1.73 H	2	30.90	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5785.00	108.41 PK			1.89 V	176	65.86	42.55
2	*5785.00	101.45 AV			1.89 V	176	58.90	42.55
3	11570.00	57.91 PK	74.00	-16.09	1.63 V	331	41.22	16.69
4	11570.00	47.41 AV	54.00	-6.59	1.63 V	331	30.72	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT20)	Channel	CH 165：5825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	110.85 PK			2.00 H	232	68.22	42.63
2	*5825.00	103.77 AV			2.00 H	232	61.14	42.63
3	11650.00	57.48 PK	74.00	-16.52	2.54 H	55	40.42	17.06
4	11650.00	47.87 AV	54.00	-6.13	2.54 H	55	30.81	17.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5825.00	108.16 PK			2.02 V	187	65.53	42.63
2	*5825.00	101.47 AV			2.02 V	187	58.84	42.63
3	11650.00	57.20 PK	74.00	-16.80	1.85 V	5	40.14	17.06
4	11650.00	47.38 AV	54.00	-6.62	1.85 V	5	30.32	17.06

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 38：5190 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.65 PK	74.00	-12.35	1.92 H	208	51.13	10.52
2	5150.00	52.12 AV	54.00	-1.88	1.92 H	208	41.60	10.52
3	*5190.00	102.30 PK			1.92 H	208	60.21	42.09
4	*5190.00	95.47 AV			1.92 H	208	53.38	42.09
5	5350.00	61.25 PK	74.00	-12.75	1.92 H	208	50.67	10.58
6	5350.00	51.28 AV	54.00	-2.72	1.92 H	208	40.70	10.58
7	#10380.00	57.38 PK	68.20	-10.82	1.57 H	222	41.38	16.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.87 PK	74.00	-12.13	2.07 V	154	51.35	10.52
2	5150.00	52.72 AV	54.00	-1.28	2.07 V	154	42.20	10.52
3	*5190.00	103.54 PK			2.07 V	154	61.45	42.09
4	*5190.00	96.14 AV			2.07 V	154	54.05	42.09
5	5350.00	61.03 PK	74.00	-12.97	2.07 V	154	50.45	10.58
6	5350.00	51.17 AV	54.00	-2.83	2.07 V	154	40.59	10.58
7	#10380.00	57.56 PK	68.20	-10.64	1.89 V	9	41.56	16.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 46：5230 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.52 PK	74.00	-12.48	1.92 H	208	51.00	10.52
2	5150.00	51.40 AV	54.00	-2.60	1.92 H	208	40.88	10.52
3	*5230.00	103.17 PK			1.92 H	208	61.02	42.15
4	*5230.00	96.57 AV			1.92 H	208	54.42	42.15
5	5350.00	61.19 PK	74.00	-12.81	1.92 H	208	50.61	10.58
6	5350.00	51.16 AV	54.00	-2.84	1.92 H	208	40.58	10.58
7	#10460.00	57.41 PK	68.20	-10.79	1.96 H	359	41.34	16.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	61.45 PK	74.00	-12.55	2.07 V	154	50.93	10.52
2	5150.00	51.27 AV	54.00	-2.73	2.07 V	154	40.75	10.52
3	*5230.00	105.37 PK			2.07 V	154	63.22	42.15
4	*5230.00	97.63 AV			2.07 V	154	55.48	42.15
5	5350.00	61.32 PK	74.00	-12.68	2.07 V	154	50.74	10.58
6	5350.00	51.17 AV	54.00	-2.83	2.07 V	154	40.59	10.58
7	#10460.00	57.44 PK	68.20	-10.76	1.46 V	227	41.37	16.07

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 54：5270 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.77 PK	74.00	-14.23	2.14 H	208	49.25	10.52
2	5150.00	51.42 AV	54.00	-2.58	2.14 H	208	40.90	10.52
3	*5270.00	102.44 PK			2.14 H	208	60.29	42.15
4	*5270.00	96.10 AV			2.14 H	208	53.95	42.15
5	5350.00	58.84 PK	74.00	-15.16	2.14 H	208	48.26	10.58
6	5350.00	50.77 AV	54.00	-3.23	2.14 H	208	40.19	10.58
7	#10540.00	57.46 PK	68.20	-10.74	2.43 H	182	41.46	16.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.45 PK	74.00	-14.55	2.00 V	158	48.93	10.52
2	5150.00	51.52 AV	54.00	-2.48	2.00 V	158	41.00	10.52
3	*5270.00	104.80 PK			2.00 V	158	62.65	42.15
4	*5270.00	98.67 AV			2.00 V	158	56.52	42.15
5	5350.00	59.06 PK	74.00	-14.94	2.00 V	158	48.48	10.58
6	5350.00	50.74 AV	54.00	-3.26	2.00 V	158	40.16	10.58
7	#10540.00	57.38 PK	68.20	-10.82	1.92 V	26	41.38	16.00

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 62：5310 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.66 PK	74.00	-15.34	2.15 H	220	48.14	10.52
2	5150.00	50.61 AV	54.00	-3.39	2.15 H	220	40.09	10.52
3	*5310.00	96.71 PK			2.15 H	220	54.60	42.11
4	*5310.00	91.52 AV			2.15 H	220	49.41	42.11
5	5350.00	59.73 PK	74.00	-14.27	2.15 H	220	49.15	10.58
6	5350.00	51.46 AV	54.00	-2.54	2.15 H	220	40.88	10.58
7	10620.00	57.70 PK	74.00	-16.30	1.41 H	83	41.75	15.95
8	10620.00	47.84 AV	54.00	-6.16	1.41 H	83	31.89	15.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.53 PK	74.00	-15.47	1.96 V	160	48.01	10.52
2	5150.00	51.01 AV	54.00	-2.99	1.96 V	160	40.49	10.52
3	*5310.00	98.02 PK			1.96 V	160	55.91	42.11
4	*5310.00	92.98 AV			1.96 V	160	50.87	42.11
5	5350.00	60.42 PK	74.00	-13.58	1.96 V	160	49.84	10.58
6	5350.00	53.36 AV	54.00	-0.64	1.96 V	160	42.78	10.58
7	10620.00	57.55 PK	74.00	-16.45	1.79 V	41	41.60	15.95
8	10620.00	47.68 AV	54.00	-6.32	1.79 V	41	31.73	15.95

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 102：5510 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.59 PK	74.00	-11.41	1.89 H	218	52.11	10.48
2	5460.00	51.64 AV	54.00	-2.36	1.89 H	218	41.16	10.48
3	#5470.00	66.05 PK	68.20	-2.15	1.89 H	218	55.65	10.40
4	*5510.00	101.37 PK			1.89 H	218	59.28	42.09
5	*5510.00	94.48 AV			1.89 H	218	52.39	42.09
6	#5725.00	62.31 PK	68.20	-5.89	1.89 H	218	51.31	11.00
7	11020.00	57.11 PK	74.00	-16.89	1.34 H	55	40.42	16.69
8	11020.00	47.39 AV	54.00	-6.61	1.34 H	55	30.70	16.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.82 PK	74.00	-11.18	1.70 V	160	52.34	10.48
2	5460.00	52.91 AV	54.00	-1.09	1.70 V	160	42.43	10.48
3	#5470.00	67.11 PK	68.20	-1.09	1.70 V	160	56.71	10.40
4	*5510.00	102.10 PK			1.70 V	160	60.01	42.09
5	*5510.00	95.21 AV			1.70 V	160	53.12	42.09
6	#5725.00	62.62 PK	68.20	-5.58	1.70 V	160	51.62	11.00
7	11020.00	57.24 PK	74.00	-16.76	1.57 V	77	40.55	16.69
8	11020.00	47.59 AV	54.00	-6.41	1.57 V	77	30.90	16.69

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 110：5550 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.84 PK	74.00	-13.16	1.89 H	218	50.36	10.48
2	5460.00	50.92 AV	54.00	-3.08	1.89 H	218	40.44	10.48
3	#5470.00	61.69 PK	68.20	-6.51	1.89 H	218	51.29	10.40
4	*5550.00	102.46 PK			1.89 H	218	60.34	42.12
5	*5550.00	95.66 AV			1.89 H	218	53.54	42.12
6	#5725.00	62.32 PK	68.20	-5.88	1.89 H	218	51.32	11.00
7	11100.00	57.06 PK	74.00	-16.94	1.67 H	314	40.66	16.40
8	11100.00	47.19 AV	54.00	-6.81	1.67 H	314	30.79	16.40
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.08 PK	74.00	-12.92	1.70 V	160	50.60	10.48
2	5460.00	51.02 AV	54.00	-2.98	1.70 V	160	40.54	10.48
3	#5470.00	61.66 PK	68.20	-6.54	1.70 V	160	51.26	10.40
4	*5550.00	103.79 PK			1.70 V	160	61.67	42.12
5	*5550.00	96.86 AV			1.70 V	160	54.74	42.12
6	#5725.00	62.33 PK	68.20	-5.87	1.70 V	160	51.33	11.00
7	11100.00	57.34 PK	74.00	-16.66	1.74 V	4	40.94	16.40
8	11100.00	47.44 AV	54.00	-6.56	1.74 V	4	31.04	16.40

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 134：5670 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.77 PK	74.00	-13.23	1.89 H	218	50.29	10.48
2	5460.00	51.16 AV	54.00	-2.84	1.89 H	218	40.68	10.48
3	#5470.00	61.86 PK	68.20	-6.34	1.89 H	218	51.46	10.40
4	*5670.00	102.64 PK			1.89 H	218	60.35	42.29
5	*5670.00	95.74 AV			1.89 H	218	53.45	42.29
6	#5725.00	64.64 PK	68.20	-3.56	1.89 H	218	53.64	11.00
7	11340.00	57.29 PK	74.00	-16.71	1.85 H	16	40.48	16.81
8	11340.00	47.19 AV	54.00	-6.81	1.85 H	16	30.38	16.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.83 PK	74.00	-13.17	1.70 V	160	50.35	10.48
2	5460.00	51.05 AV	54.00	-2.95	1.70 V	160	40.57	10.48
3	#5470.00	61.68 PK	68.20	-6.52	1.70 V	160	51.28	10.40
4	*5670.00	103.53 PK			1.70 V	160	61.24	42.29
5	*5670.00	96.73 AV			1.70 V	160	54.44	42.29
6	#5725.00	64.35 PK	68.20	-3.85	1.70 V	160	53.35	11.00
7	11340.00	57.42 PK	74.00	-16.58	1.87 V	196	40.61	16.81
8	11340.00	47.29 AV	54.00	-6.71	1.87 V	196	30.48	16.81

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11n (HT40)	Channel	CH 151：5755 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	104.86 PK			2.00 H	232	62.35	42.51
2	*5755.00	97.92 AV			2.00 H	232	55.41	42.51
3	11510.00	57.53 PK	74.00	-16.47	1.53 H	328	40.51	17.02
4	11510.00	47.60 AV	54.00	-6.40	1.53 H	328	30.58	17.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	103.46 PK			1.89 V	176	60.95	42.51
2	*5755.00	95.95 AV			1.89 V	176	53.44	42.51
3	11510.00	57.23 PK	74.00	-16.77	1.65 V	341	40.21	17.02
4	11510.00	47.54 AV	54.00	-6.46	1.65 V	341	30.52	17.02

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11n (HT40)	Channel	CH 159：5795 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	104.57 PK			2.00 H	232	62.00	42.57
2	*5795.00	97.68 AV			2.00 H	232	55.11	42.57
3	11590.00	57.63 PK	74.00	-16.37	1.84 H	78	41.05	16.58
4	11590.00	47.88 AV	54.00	-6.12	1.84 H	78	31.30	16.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5795.00	102.49 PK			1.87 V	174	59.92	42.57
2	*5795.00	95.05 AV			1.87 V	174	52.48	42.57
3	11590.00	57.51 PK	74.00	-16.49	1.06 V	67	40.93	16.58
4	11590.00	47.55 AV	54.00	-6.45	1.06 V	67	30.97	16.58

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 42：5210 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.02 PK	74.00	-11.98	1.92 H	208	51.50	10.52
2	5150.00	52.54 AV	54.00	-1.46	1.92 H	208	42.02	10.52
3	*5210.00	97.37 PK			1.92 H	208	55.24	42.13
4	*5210.00	90.59 AV			1.92 H	208	48.46	42.13
5	5350.00	61.71 PK	74.00	-12.29	1.92 H	208	51.13	10.58
6	5350.00	51.43 AV	54.00	-2.57	1.92 H	208	40.85	10.58
7	#10420.00	57.35 PK	68.20	-10.85	1.06 H	64	41.31	16.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.59 PK	74.00	-11.41	2.07 V	154	52.07	10.52
2	5150.00	52.87 AV	54.00	-1.13	2.07 V	154	42.35	10.52
3	*5210.00	98.64 PK			2.07 V	154	56.51	42.13
4	*5210.00	91.55 AV			2.07 V	154	49.42	42.13
5	5350.00	61.58 PK	74.00	-12.42	2.07 V	154	51.00	10.58
6	5350.00	51.26 AV	54.00	-2.74	2.07 V	154	40.68	10.58
7	#10420.00	57.41 PK	68.20	-10.79	1.88 V	87	41.37	16.04

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 58：5290 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.42 PK	74.00	-14.58	1.97 H	225	48.90	10.52
2	5150.00	51.93 AV	54.00	-2.07	1.97 H	225	41.41	10.52
3	*5290.00	95.24 PK			1.97 H	225	53.11	42.13
4	*5290.00	90.30 AV			1.97 H	225	48.17	42.13
5	5350.00	59.22 PK	74.00	-14.78	1.97 H	225	48.64	10.58
6	5350.00	51.95 AV	54.00	-2.05	1.97 H	225	41.37	10.58
7	#10580.00	57.20 PK	68.20	-11.00	1.28 H	306	41.29	15.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.49 PK	74.00	-14.51	1.96 V	157	48.97	10.52
2	5150.00	51.77 AV	54.00	-2.23	1.96 V	157	41.25	10.52
3	*5290.00	96.75 PK			1.96 V	157	54.62	42.13
4	*5290.00	91.94 AV			1.96 V	157	49.81	42.13
5	5350.00	60.02 PK	74.00	-13.98	1.96 V	157	49.44	10.58
6	5350.00	53.18 AV	54.00	-0.82	1.96 V	157	42.60	10.58
7	#10580.00	57.25 PK	68.20	-10.95	2.76 V	141	41.34	15.91

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 106：5530 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.69 PK	74.00	-10.31	1.89 H	218	53.21	10.48
2	5460.00	52.60 AV	54.00	-1.40	1.89 H	218	42.12	10.48
3	#5470.00	63.84 PK	68.20	-4.36	1.89 H	218	53.44	10.40
4	*5530.00	99.65 PK			1.89 H	218	57.54	42.11
5	*5530.00	92.77 AV			1.89 H	218	50.66	42.11
6	#5725.00	63.45 PK	68.20	-4.75	1.89 H	218	52.45	11.00
7	11060.00	57.32 PK	74.00	-16.68	1.57 H	244	40.78	16.54
8	11060.00	47.42 AV	54.00	-6.58	1.57 H	244	30.88	16.54
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.71 PK	74.00	-12.29	1.70 V	230	51.23	10.48
2	5460.00	52.79 AV	54.00	-1.21	1.70 V	230	42.31	10.48
3	#5470.00	63.01 PK	68.20	-5.19	1.70 V	230	52.61	10.40
4	*5530.00	100.73 PK			1.70 V	230	58.62	42.11
5	*5530.00	93.69 AV			1.70 V	230	51.58	42.11
6	#5725.00	63.23 PK	68.20	-4.97	1.70 V	230	52.23	11.00
7	11060.00	57.64 PK	74.00	-16.36	1.06 V	235	41.10	16.54
8	11060.00	47.81 AV	54.00	-6.19	1.06 V	235	31.27	16.54

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 122：5610 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.02 PK	74.00	-11.98	1.89 H	218	51.54	10.48
2	5460.00	52.50 AV	54.00	-1.50	1.89 H	218	42.02	10.48
3	#5470.00	62.29 PK	68.20	-5.91	1.89 H	218	51.89	10.40
4	*5610.00	104.52 PK			1.89 H	218	62.35	42.17
5	*5610.00	97.66 AV			1.89 H	218	55.49	42.17
6	#5725.00	63.06 PK	68.20	-5.14	1.89 H	218	52.06	11.00
7	11220.00	57.29 PK	74.00	-16.71	1.22 H	254	40.17	17.12
8	11220.00	47.60 AV	54.00	-6.40	1.22 H	254	30.48	17.12
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.53 PK	74.00	-11.47	1.70 V	161	52.05	10.48
2	5460.00	52.97 AV	54.00	-1.03	1.70 V	161	42.49	10.48
3	#5470.00	62.94 PK	68.20	-5.26	1.70 V	161	52.54	10.40
4	*5610.00	105.71 PK			1.70 V	161	63.54	42.17
5	*5610.00	98.70 AV			1.70 V	161	56.53	42.17
6	#5725.00	63.68 PK	68.20	-4.52	1.70 V	161	52.68	11.00
7	11220.00	57.49 PK	74.00	-16.51	1.86 V	94	40.37	17.12
8	11220.00	47.94 AV	54.00	-6.06	1.86 V	94	30.82	17.12

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ac (VHT80)	Channel	CH 155：5775 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	102.17 PK			1.53 H	138	59.63	42.54
2	*5775.00	94.57 AV			1.53 H	138	52.03	42.54
3	11550.00	59.67 PK	74.00	-14.33	2.15 H	34	42.87	16.80
4	11550.00	49.45 AV	54.00	-4.55	2.15 H	34	32.65	16.80
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5775.00	102.21 PK			1.00 V	240	59.67	42.54
2	*5775.00	94.68 AV			1.00 V	240	52.14	42.54
3	11550.00	59.86 PK	74.00	-14.14	2.45 V	164	43.06	16.80
4	11550.00	50.54 AV	54.00	-3.46	2.45 V	164	33.74	16.80

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

9 kHz ~ 30 MHz Data:

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

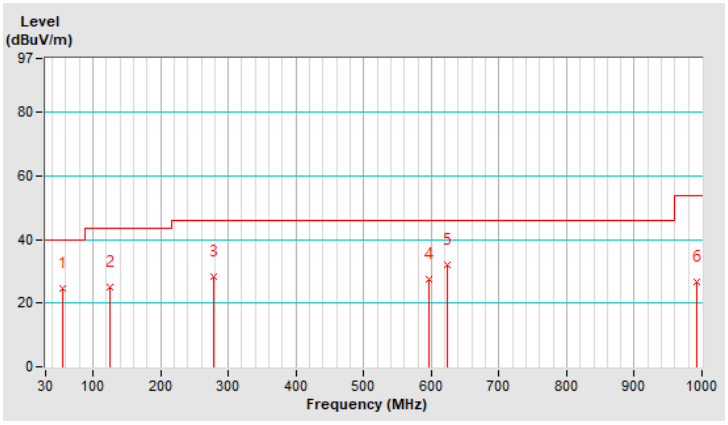
30 MHz ~ 1 GHz Worst-Case Data:

RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	55.34	24.57 QP	40.00	-15.43	1.11 H	233	41.76	-17.19
2	124.69	25.16 QP	43.50	-18.34	2.27 H	92	43.53	-18.37
3	277.35	28.39 QP	46.00	-17.61	1.78 H	106	44.68	-16.29
4	595.56	27.38 QP	46.00	-18.62	2.39 H	221	36.06	-8.68
5	624.38	31.99 QP	46.00	-14.01	2.68 H	66	40.26	-8.27
6	992.31	26.76 QP	54.00	-27.24	2.68 H	188	28.83	-2.07

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

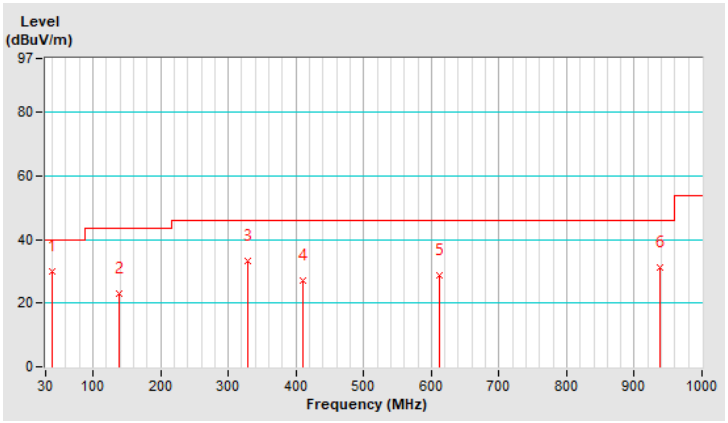


RF Mode	TX 802.11n (HT20)	Channel	CH 48：5240 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.73	30.17 QP	40.00	-9.83	2.47 V	269	47.82	-17.65
2	139.00	22.83 QP	43.50	-20.67	1.35 V	96	39.74	-16.91
3	328.92	33.12 QP	46.00	-12.88	2.29 V	131	47.69	-14.57
4	411.12	27.31 QP	46.00	-18.69	1.61 V	103	39.95	-12.64
5	612.31	28.96 QP	46.00	-17.04	1.58 V	128	37.42	-8.46
6	937.56	31.21 QP	46.00	-14.79	3.00 V	238	34.05	-2.84

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.2 Transmit Power Measurement

4.2.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125 mW (21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client device	250 mW (24 dBm)
U-NII-2A	√		250 mW (24 dBm) or 11 dBm + 10 log B*
U-NII-2C	√		250 mW (24 dBm) or 11 dBm + 10 log B*
U-NII-3	√		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

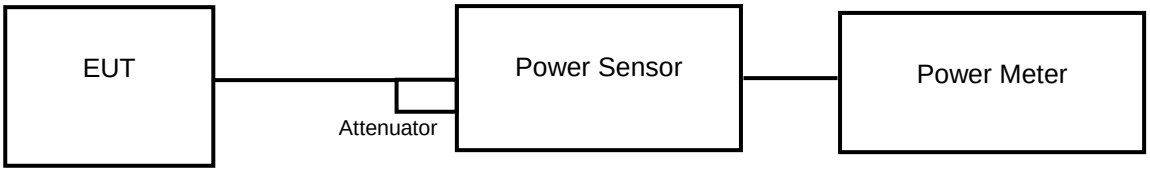
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20 MHz channel widths with $N_{ANT} \geq 5$.

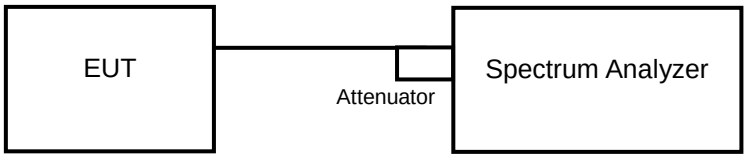
For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.2.2 Test Setup

<Power Output Measurement>



or



4.2.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.2.4 Test Procedure

Average Power Measurement

<802.11a, 802.11n (HT20), 802.11n (HT40)>

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

<802.11ac (VHT80)>

a. Set span to encompass the entire 26 dB EBW (or, alternatively, the entire 99 % occupied bandwidth) of the signal.
b. Set sweep trigger to “free run”.
c. Set RBW = 1 MHz.
d. Set VBW ≥ 3 MHz
e. Number of points in sweep ≥ 2 Span / RBW.
f. Sweep time ≤ (number of points in sweep) * T
g. Using emission bandwidth to determine the frequency span for integration the channel bandwidth.
h. Detector = RMS.
i. Trace mode = max hold.
j. Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
k. Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum

4.2.5 Deviation from Test Standard

No deviation.

4.2.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.7 Test Results

Mode A

802.11a

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	21.677	13.36	24	Pass
40	5200	54.325	17.35	24	Pass
48	5240	54.2	17.34	24	Pass
52	5260	52.966	17.24	24	Pass
60	5300	55.335	17.43	24	Pass
64	5320	32.434	15.11	24	Pass
100	5500	31.189	14.94	24	Pass
116	5580	19.231	12.84	24	Pass
140	5700	19.187	12.83	24	Pass
149	5745	26.062	14.16	30	Pass
157	5785	33.574	15.26	30	Pass
165	5825	44.668	16.50	30	Pass

802.11n (HT20)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	27.542	14.40	24	Pass
40	5200	55.335	17.43	24	Pass
48	5240	**56.885**	**17.55**	24	Pass
52	5260	**55.847**	**17.47**	24	Pass
60	5300	54.702	17.38	24	Pass
64	5320	26.062	14.16	24	Pass
100	5500	24.889	13.96	24	Pass
116	5580	16.672	12.22	24	Pass
140	5700	22.594	13.54	24	Pass
149	5745	27.29	14.36	30	Pass
157	5785	32.137	15.07	30	Pass
165	5825	**47.973**	**16.81**	30	Pass

802.11n (HT40)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	13.9	11.43	24	Pass
46	5230	23.768	13.76	24	Pass
54	5270	22.803	13.58	24	Pass
62	5310	11.117	10.46	24	Pass
102	5510	16.032	12.05	24	Pass
110	5550	19.77	12.96	24	Pass
134	5670	23.878	13.78	24	Pass
151	5755	21.33	13.29	30	Pass
159	5795	22.491	13.52	30	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	7.798	8.92	24	Pass
58	5290	12.677	11.03	24	Pass
106	5530	12.134	10.84	24	Pass
122	5610	**36.898**	**15.67**	24	Pass
155	5775	36.559	15.63	30	Pass

Mode B

802.11a

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	21.677	13.36	24	Pass
40	5200	54.325	17.35	24	Pass
48	5240	54.2	17.34	24	Pass
52	5260	52.966	17.24	24	Pass
60	5300	55.335	17.43	24	Pass
64	5320	32.434	15.11	24	Pass
100	5500	31.189	14.94	24	Pass
116	5580	19.231	12.84	24	Pass
140	5700	19.187	12.83	24	Pass
149	5745	26.062	14.16	30	Pass
157	5785	33.574	15.26	30	Pass
165	5825	44.668	16.50	30	Pass

802.11n (HT20)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	27.542	14.40	24	Pass
40	5200	55.335	17.43	24	Pass
48	5240	**56.885**	**17.55**	24	Pass
52	5260	**55.847**	**17.47**	24	Pass
60	5300	54.702	17.38	24	Pass
64	5320	26.062	14.16	24	Pass
100	5500	24.889	13.96	24	Pass
116	5580	16.672	12.22	24	Pass
140	5700	22.594	13.54	24	Pass
149	5745	27.29	14.36	30	Pass
157	5785	32.137	15.07	30	Pass
165	5825	**47.973**	**16.81**	30	Pass

802.11n (HT40)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	13.9	11.43	24	Pass
46	5230	23.768	13.76	24	Pass
54	5270	22.803	13.58	24	Pass
62	5310	11.117	10.46	24	Pass
102	5510	16.032	12.05	24	Pass
110	5550	19.77	12.96	24	Pass
134	5670	23.878	13.78	24	Pass
151	5755	21.33	13.29	30	Pass
159	5795	22.491	13.52	30	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	7.798	8.92	24	Pass
58	5290	12.677	11.03	24	Pass
106	5530	12.134	10.84	24	Pass
122	5610	**36.898**	**15.67**	24	Pass
155	5775	36.559	15.63	30	Pass

5 Pictures of Test Arrangements

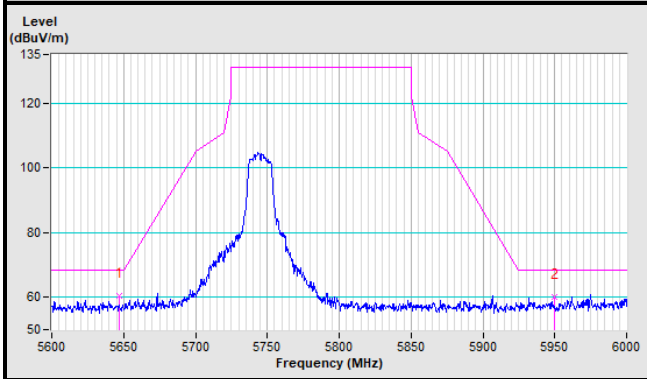
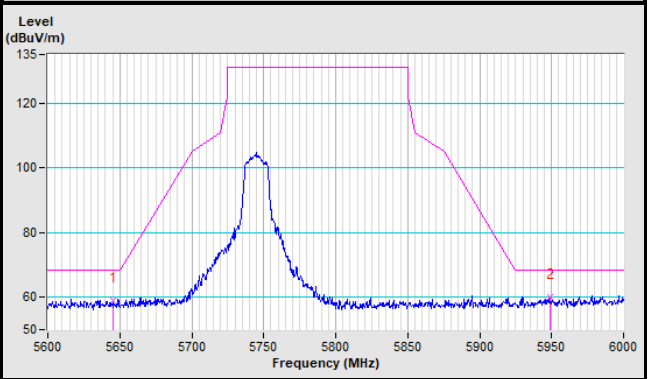
Please refer to the attached file (Test Setup Photo).

Annex A- Radiated Out of Band Emission (OOBE) Measurement (For U-NII-3 band)

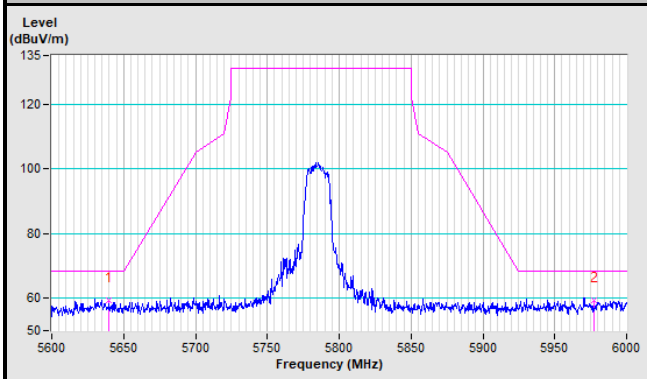
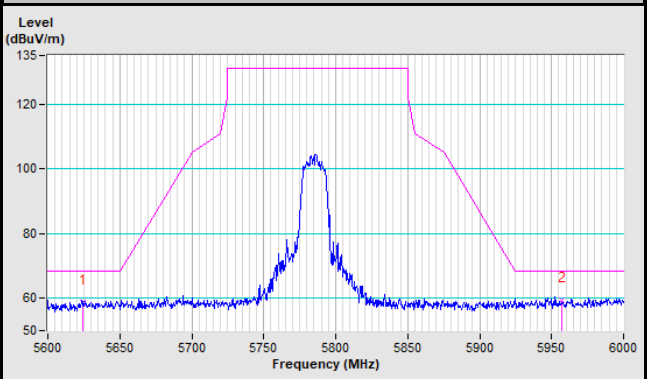
Mode A

802.11a

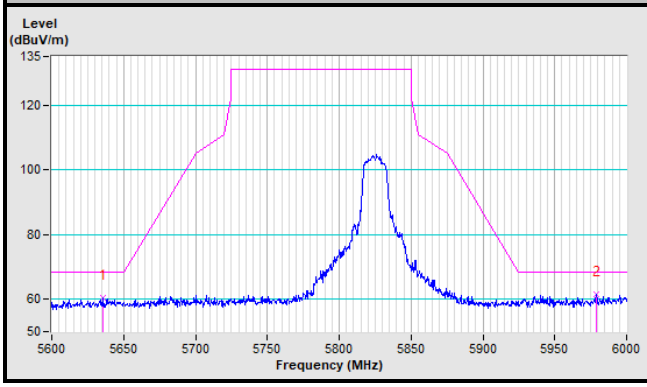
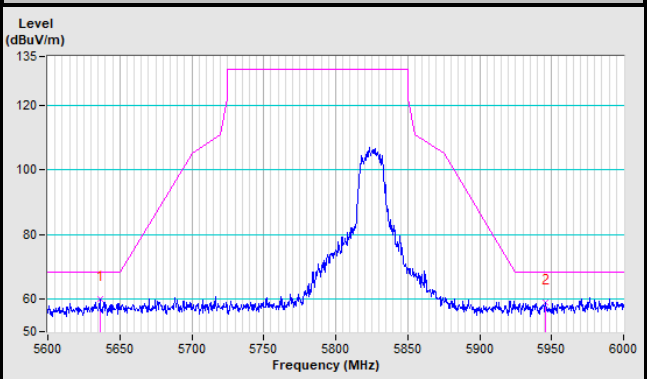
Ch 149

Horizontal	Vertical
	

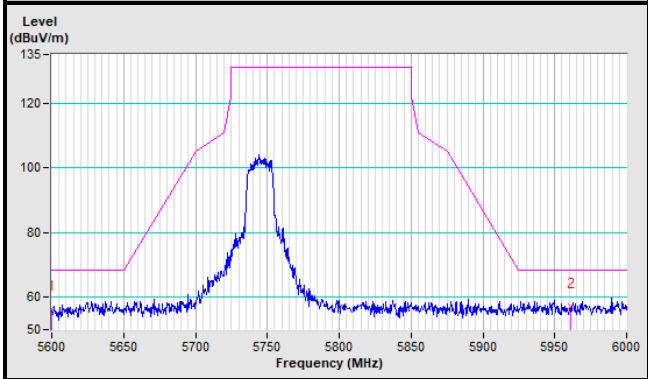
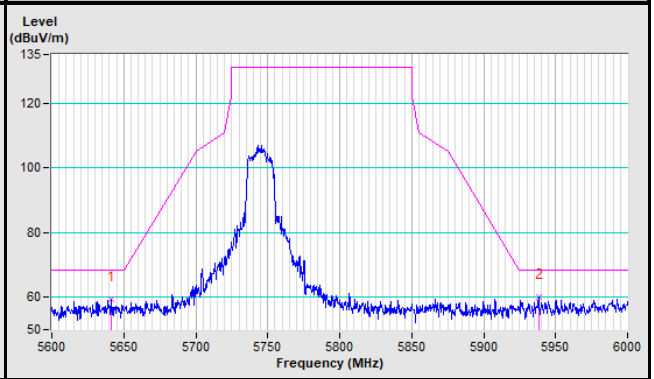
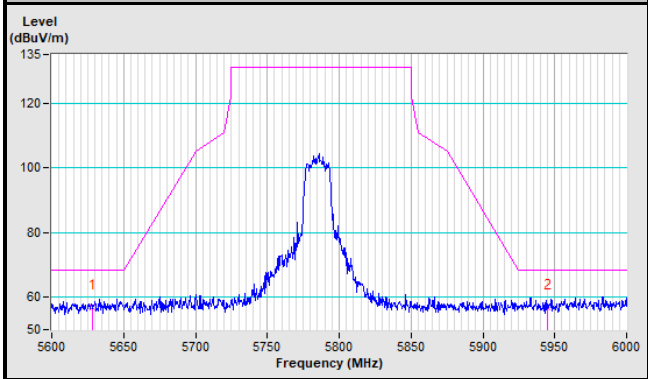
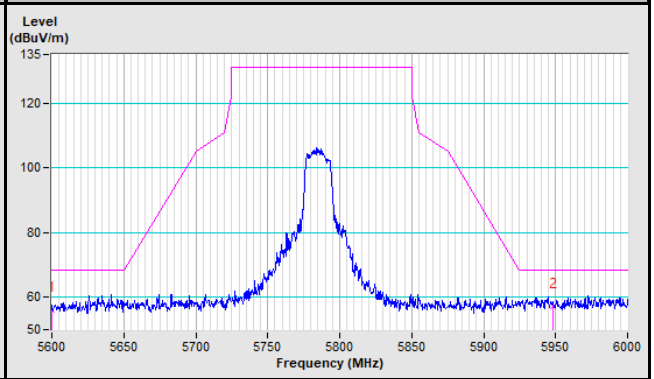
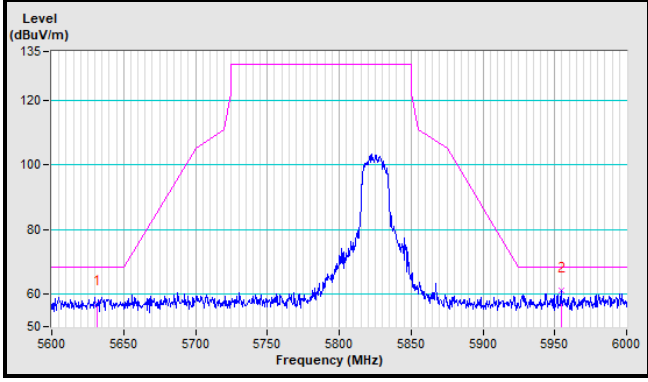
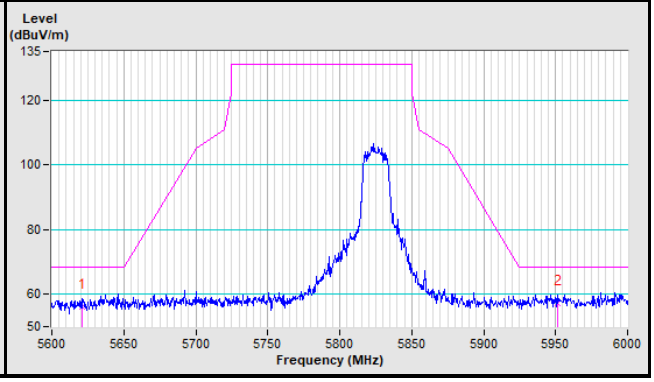
Ch 157

Horizontal	Vertical
	

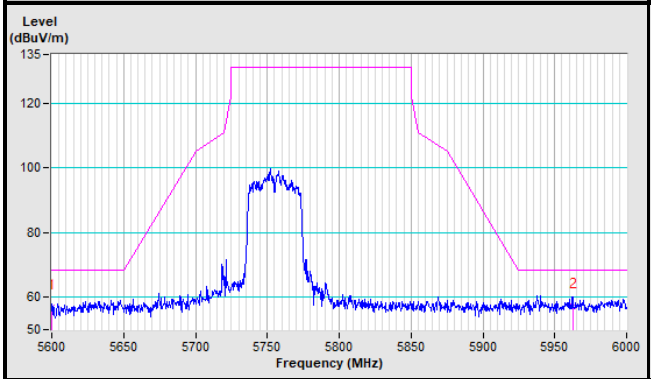
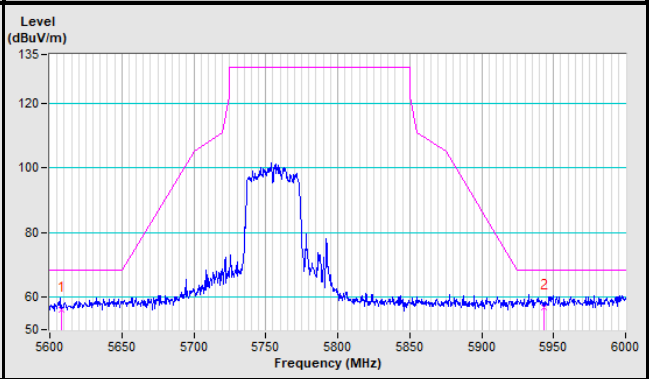
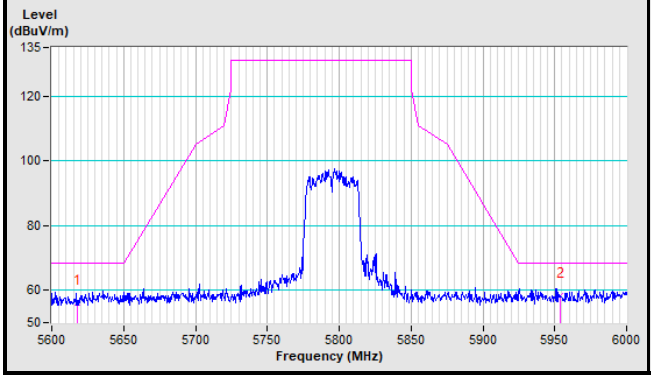
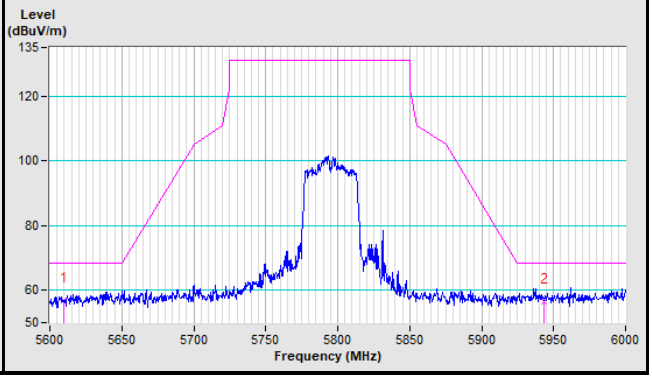
Ch 165

Horizontal	Vertical
	

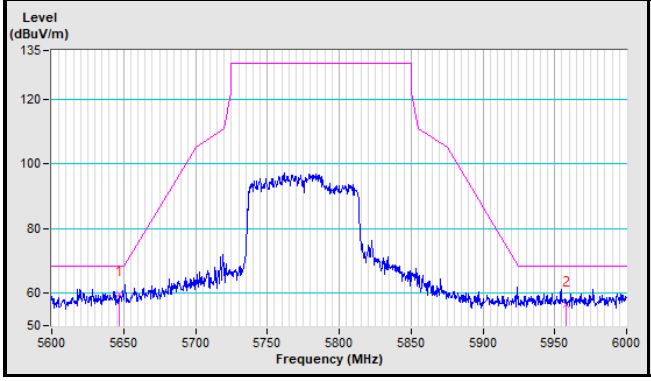
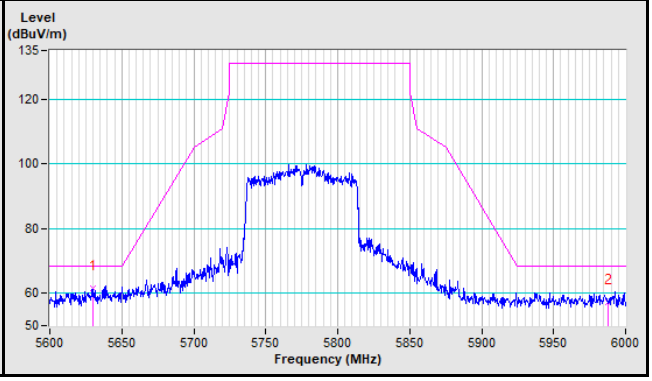
802.11n (HT20)

Ch 149	
Horizontal	Vertical
	
Ch 157	
Horizontal	Vertical
	
Ch 165	
Horizontal	Vertical
	

802.11n (HT40)

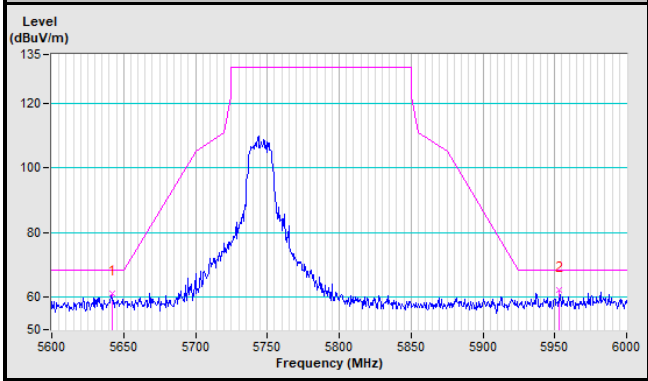
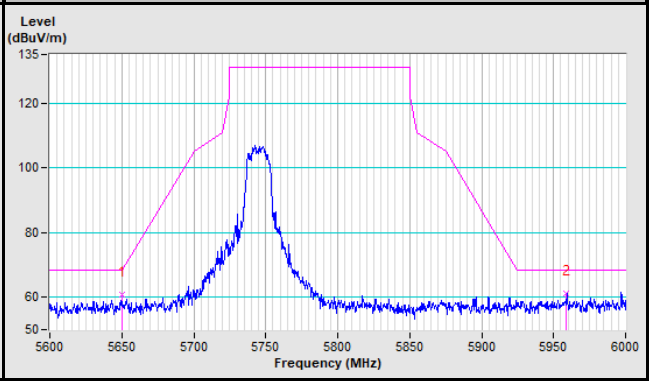
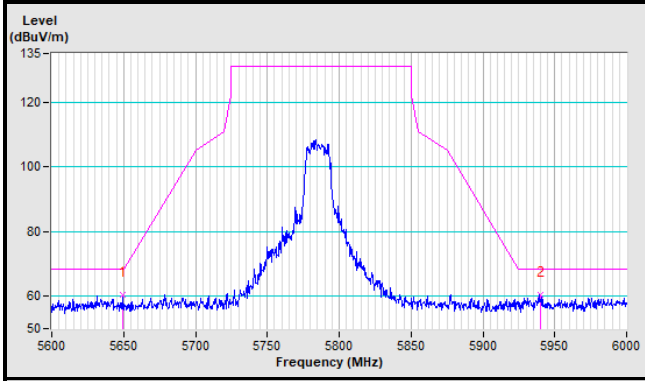
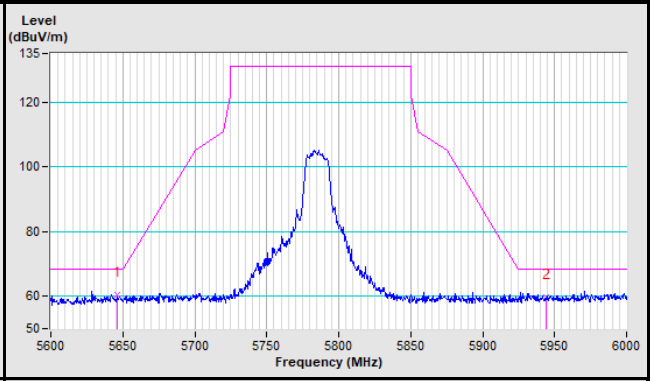
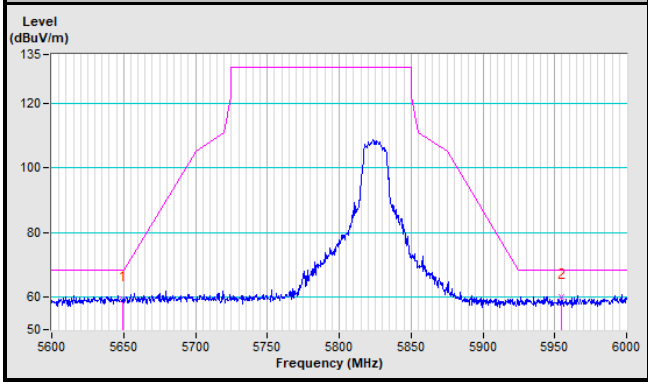
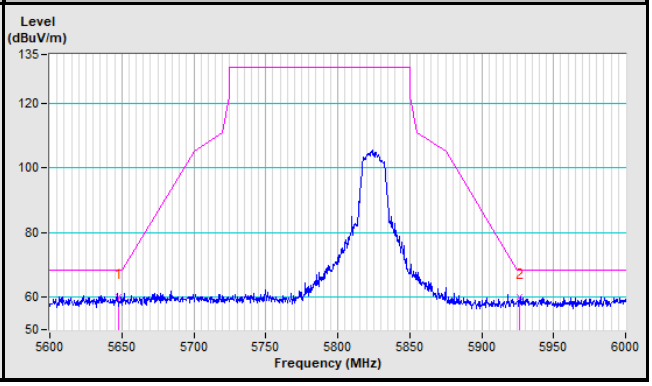
Ch 151	
Horizontal	Vertical
	
Ch 159	
Horizontal	Vertical
	

802.11ac (VHT80)

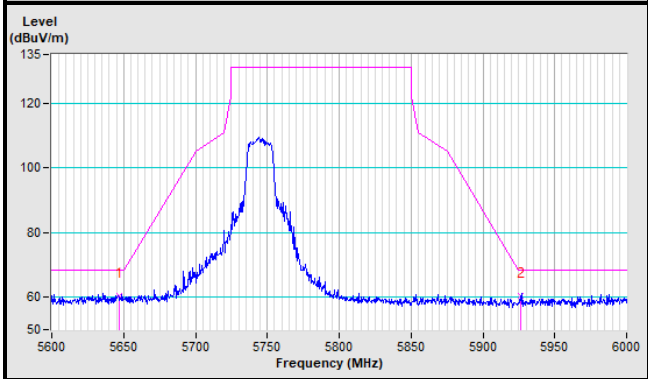
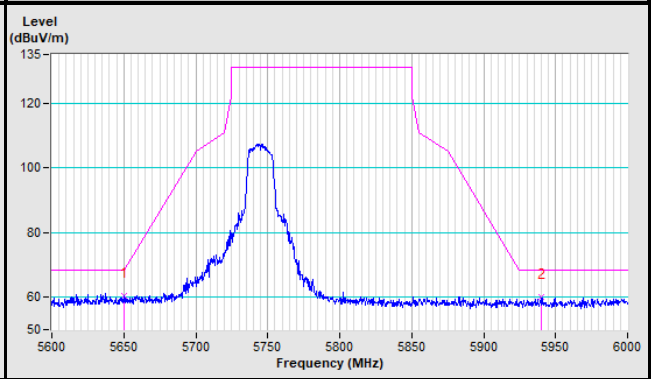
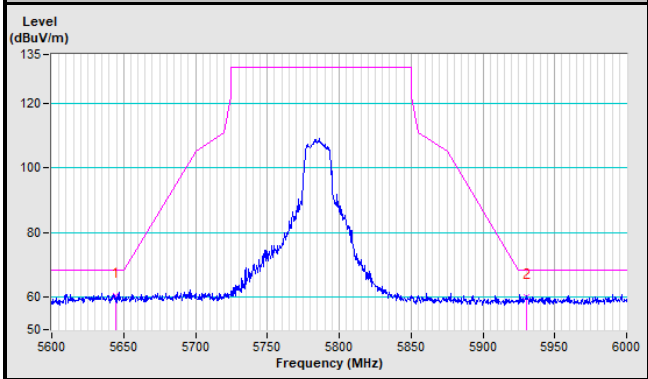
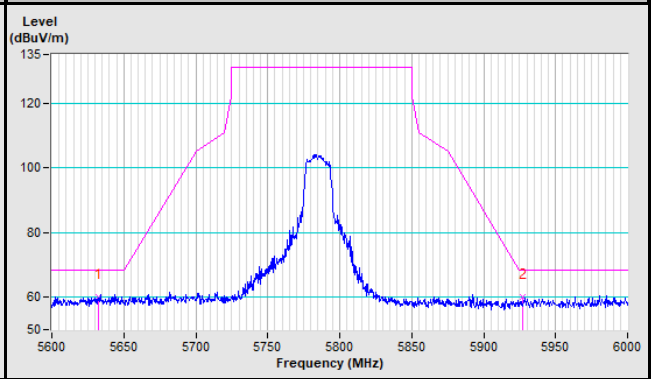
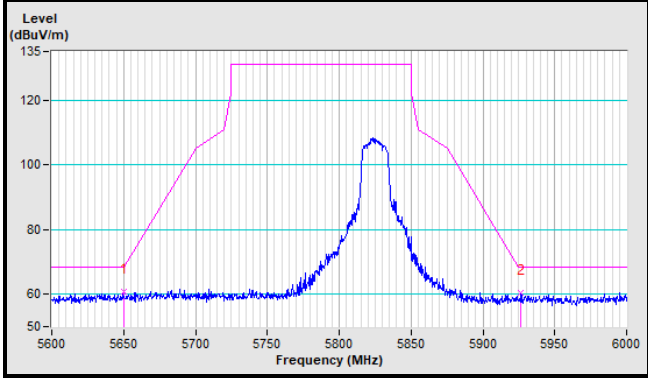
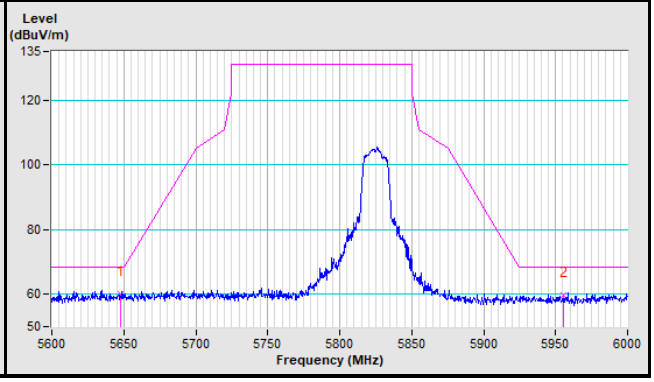
Ch 155	
Horizontal	Vertical
	

Mode B

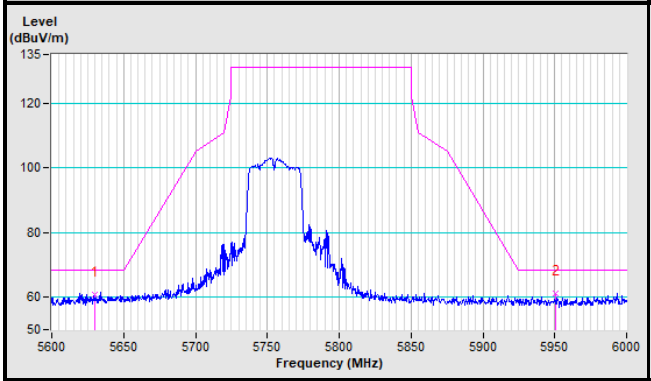
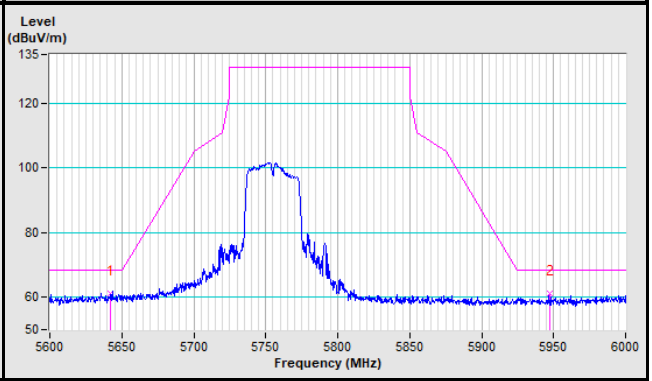
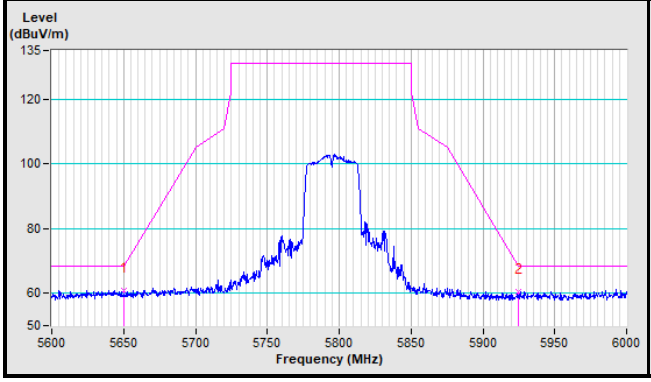
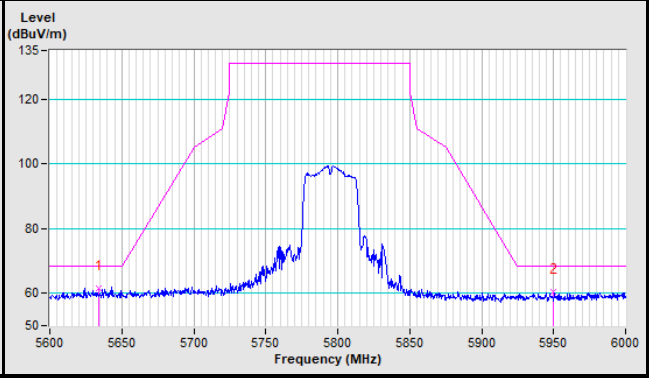
802.11a

Ch 149	
Horizontal	Vertical
	
Ch 157	
Horizontal	Vertical
	
Ch 165	
Horizontal	Vertical
	

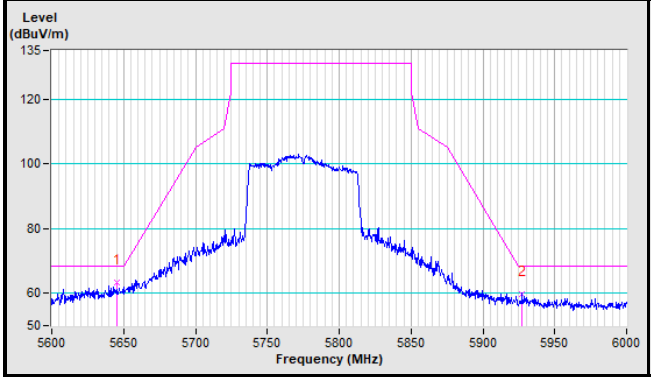
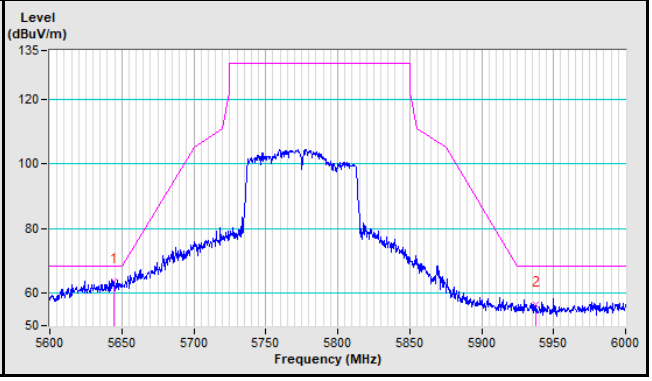
802.11n (HT20)

Ch 149	
Horizontal	Vertical
	
Ch 157	
Horizontal	Vertical
	
Ch 165	
Horizontal	Vertical
	

802.11n (HT40)

Ch 151	
Horizontal	Vertical
	
Ch 159	
Horizontal	Vertical
	

802.11ac (VHT80)

Ch 155	
Horizontal	Vertical
	

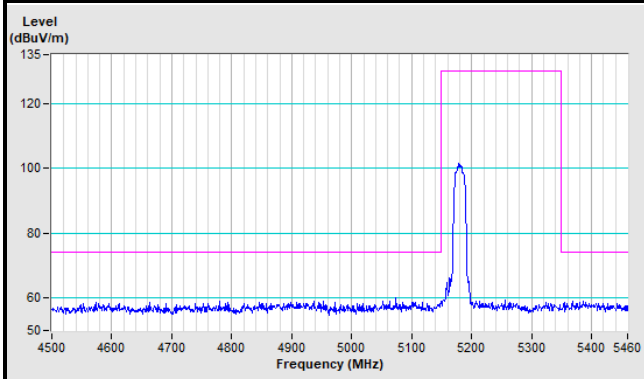
Annex B- Band Edge Measurement

Mode A

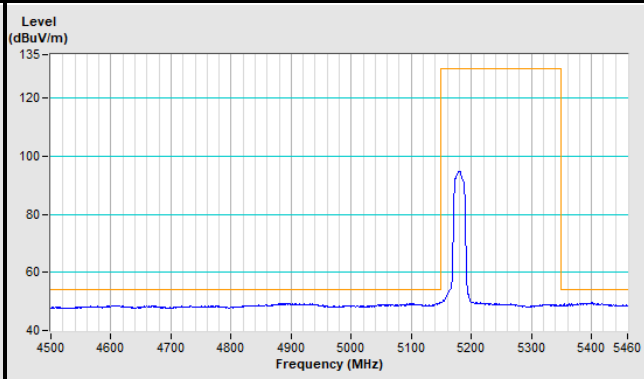
802.11a

Channel 36

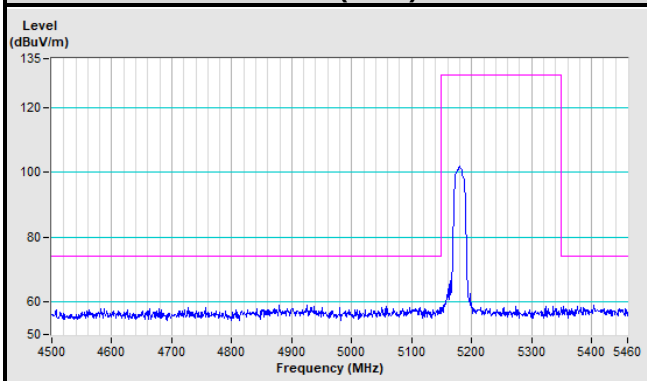
Horizontal (Peak)



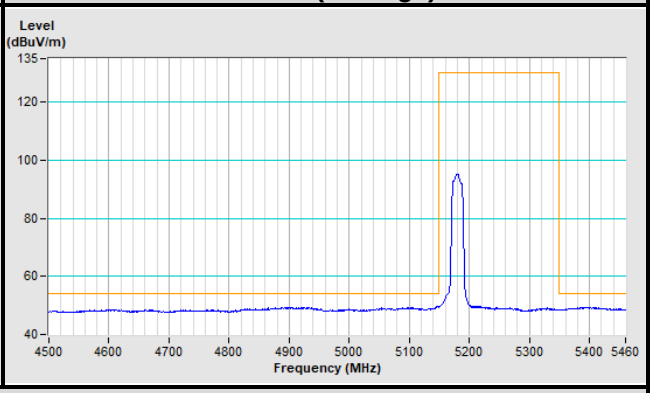
Horizontal (Average)



Vertical (Peak)

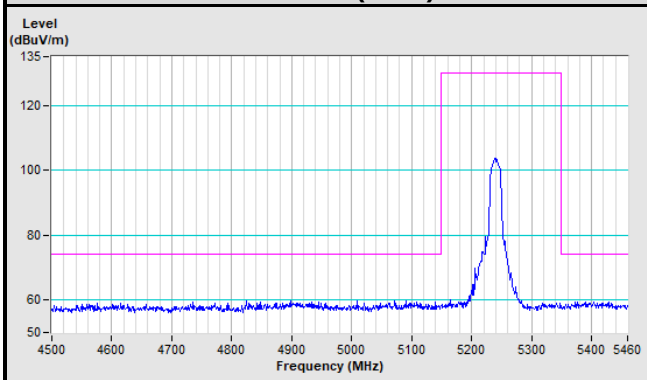


Vertical (Average)

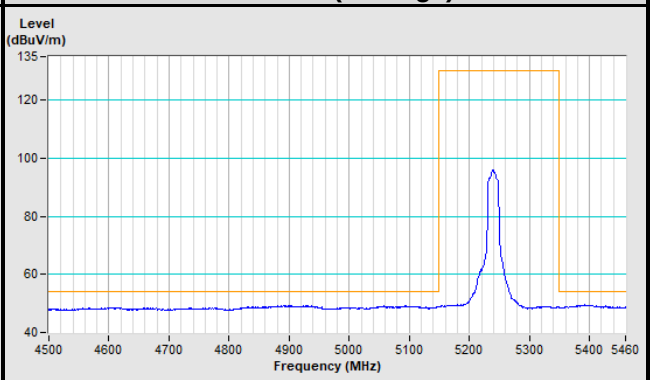


Channel 48

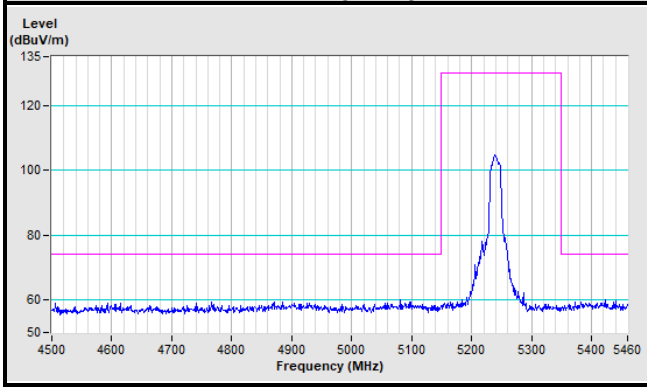
Horizontal (Peak)



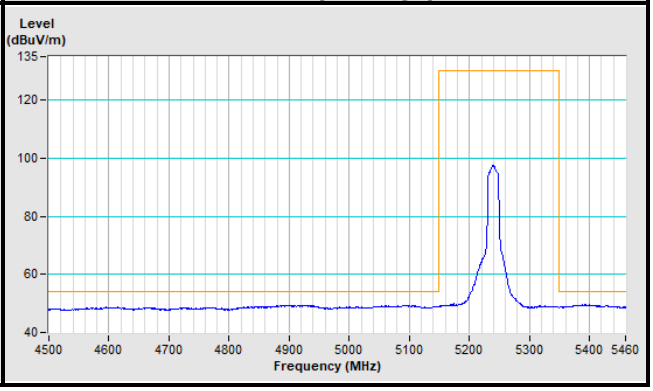
Horizontal (Average)



Vertical (Peak)

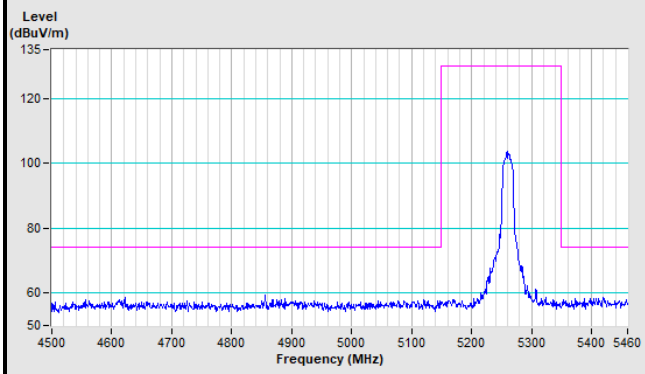


Vertical (Average)

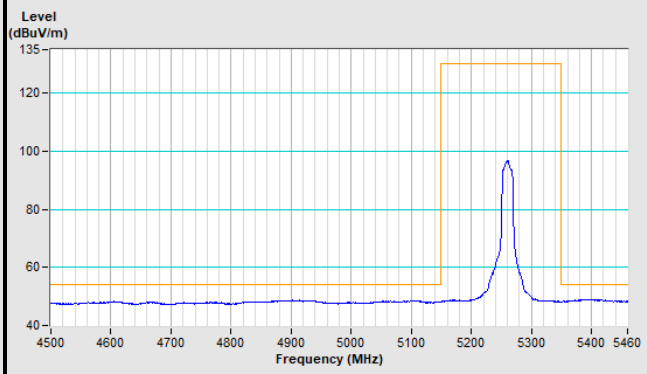


Channel 52

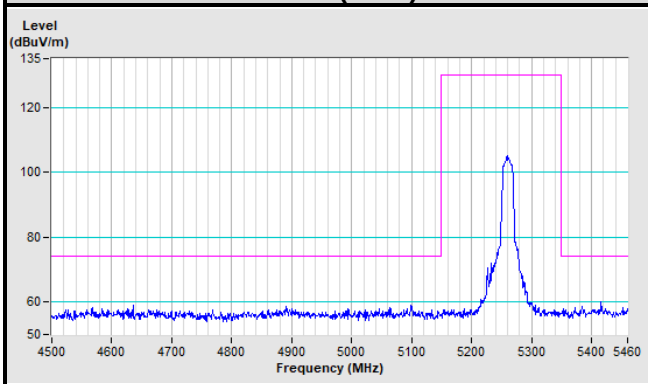
Horizontal (Peak)



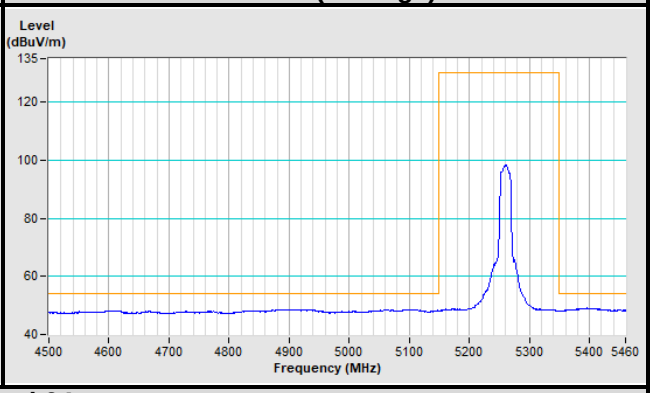
Horizontal (Average)



Vertical (Peak)

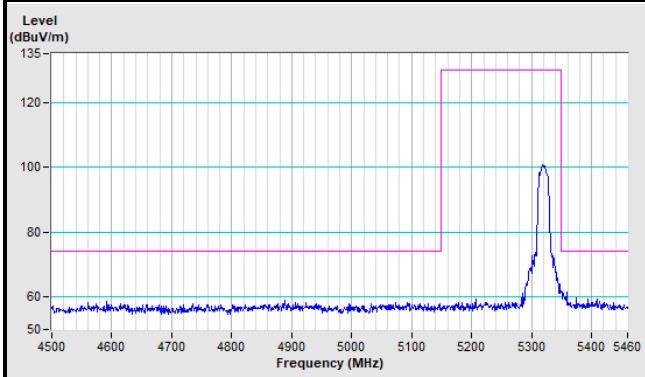


Vertical (Average)

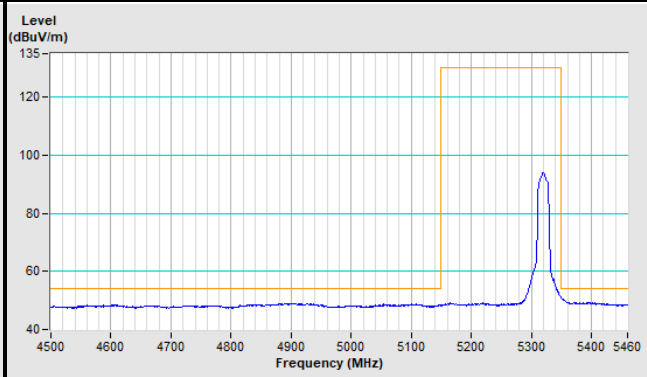


Channel 64

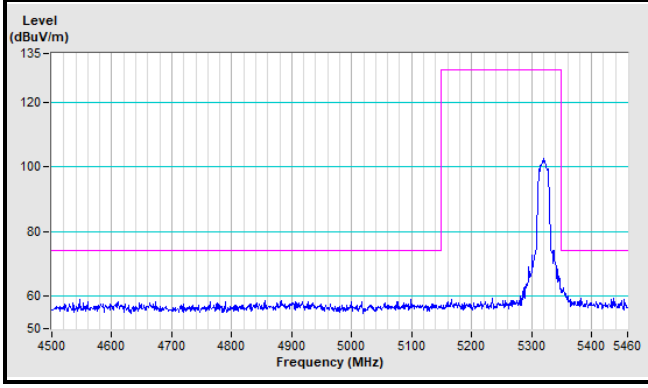
Horizontal (Peak)



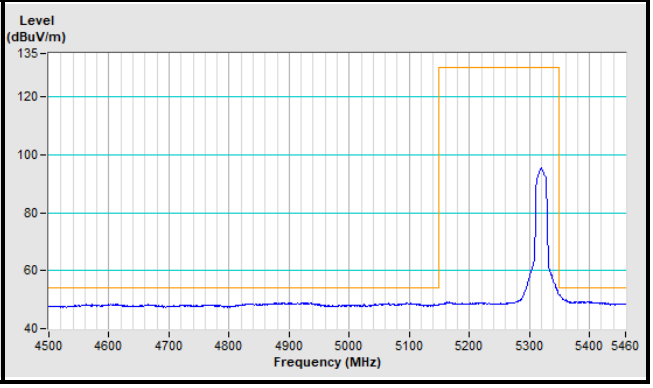
Horizontal (Average)

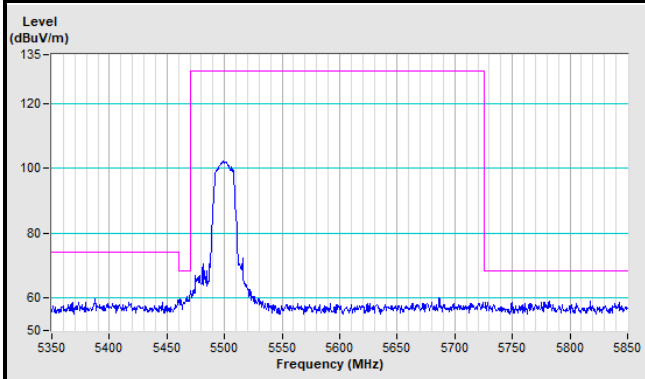
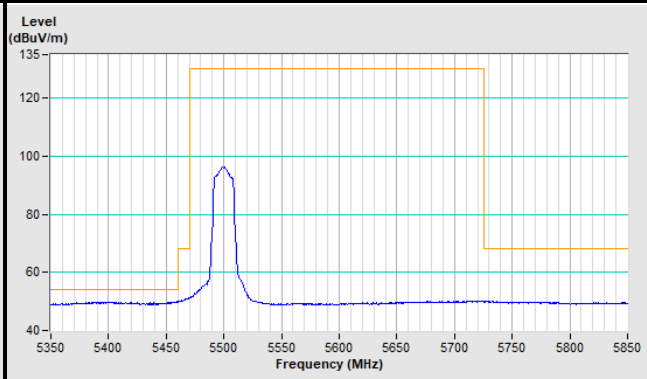
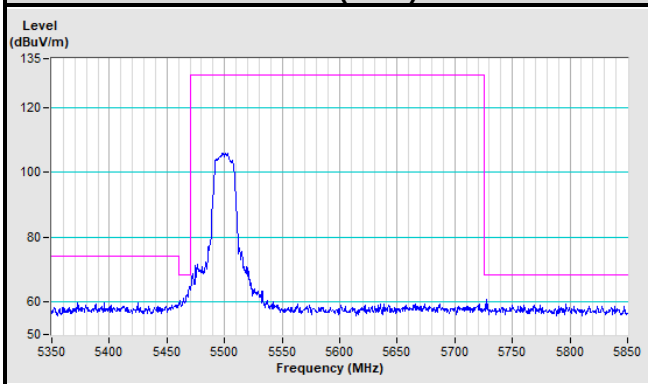
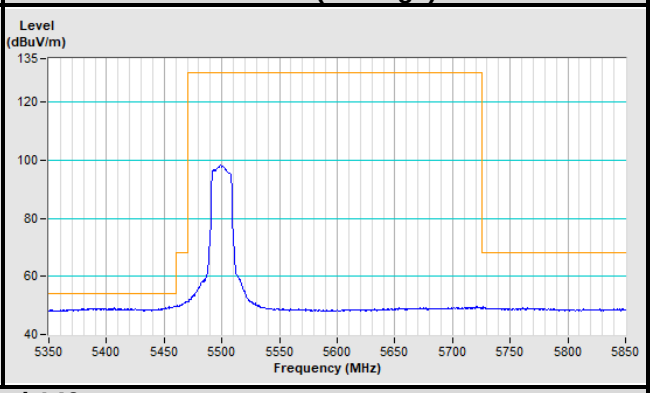
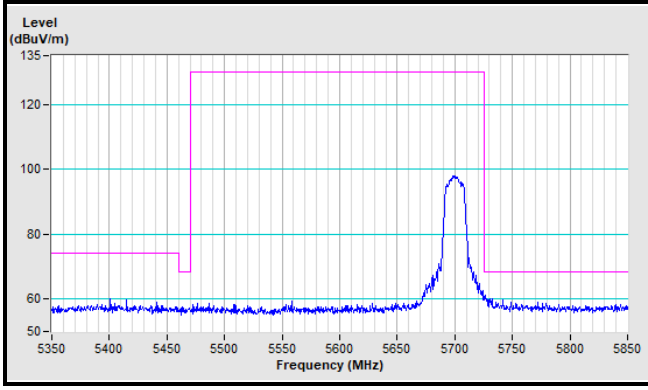
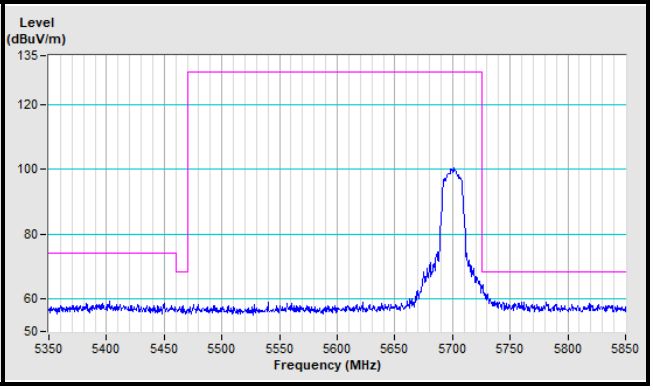


Vertical (Peak)



Vertical (Average)

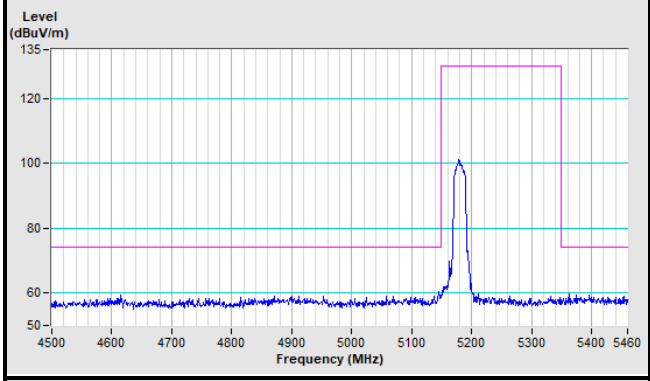


Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 140	
Horizontal (Peak)	Vertical (Peak)
	

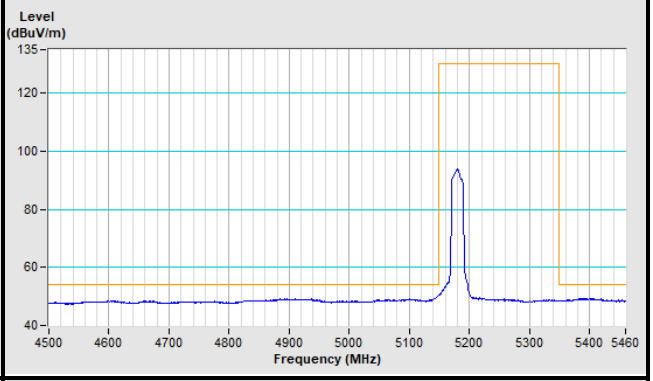
802.11n (HT20)

Channel 36

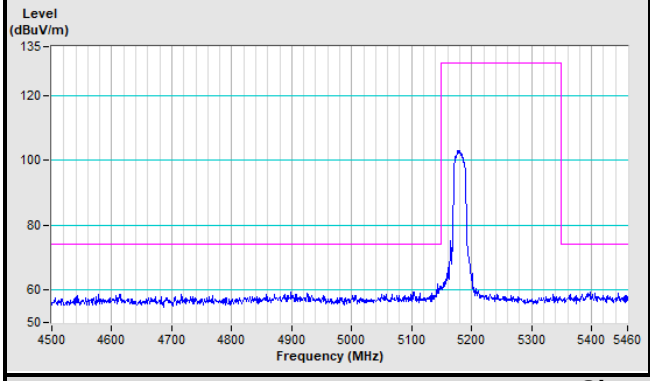
Horizontal (Peak)



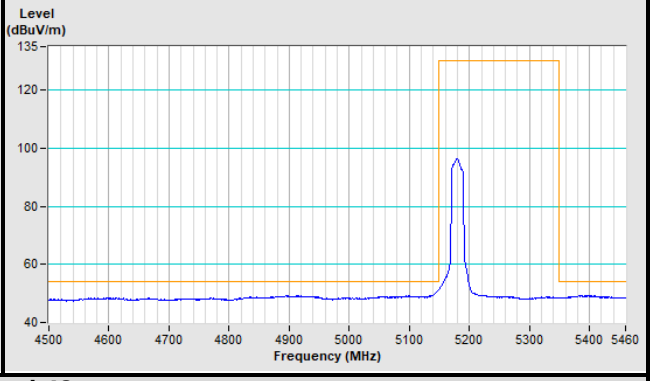
Horizontal (Average)



Vertical (Peak)

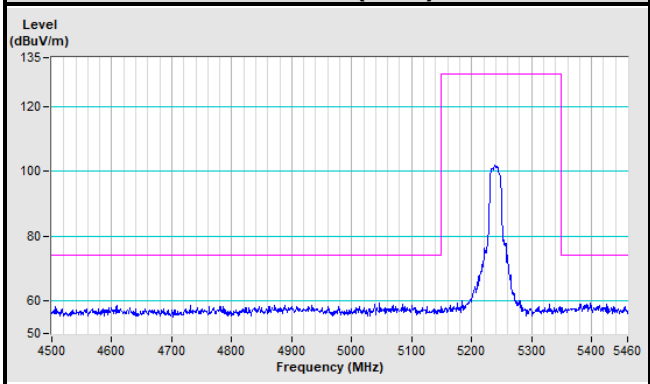


Vertical (Average)

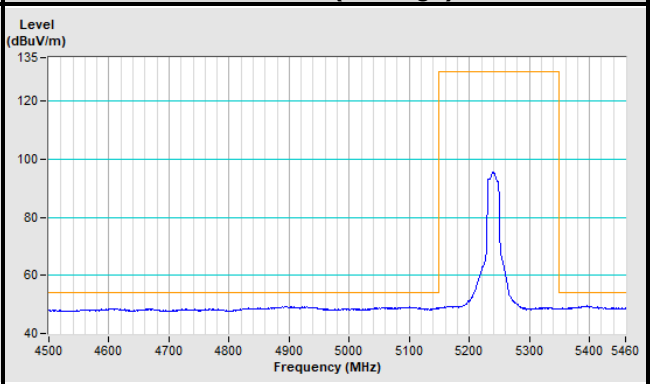


Channel 48

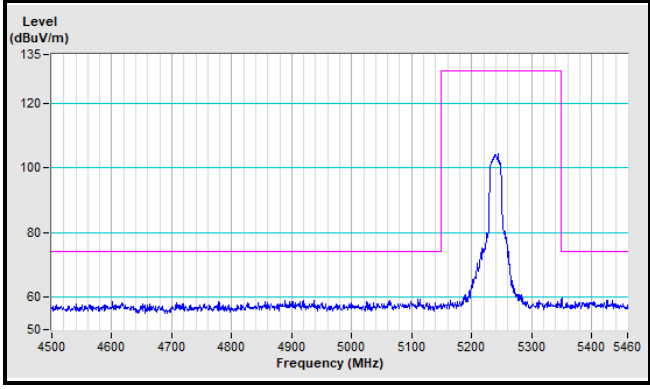
Horizontal (Peak)



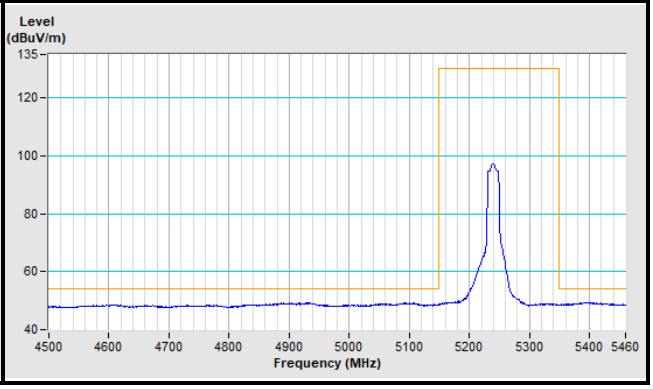
Horizontal (Average)



Vertical (Peak)

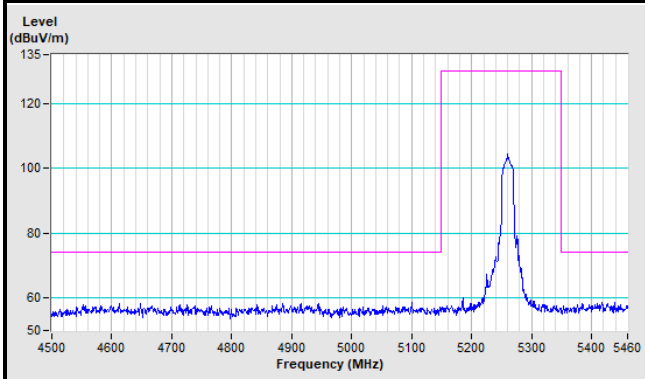


Vertical (Average)

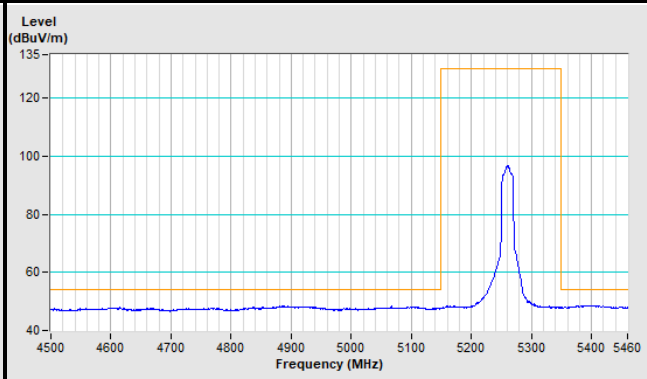


Channel 52

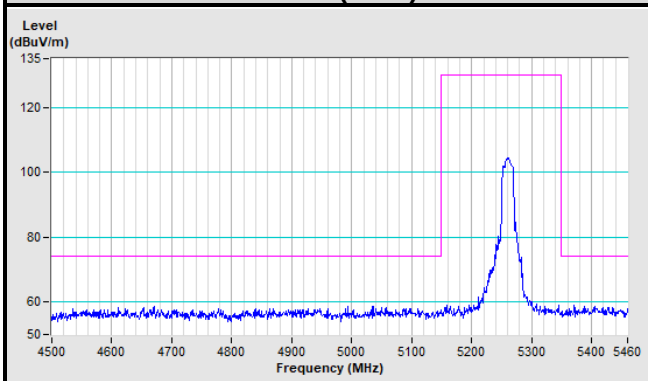
Horizontal (Peak)



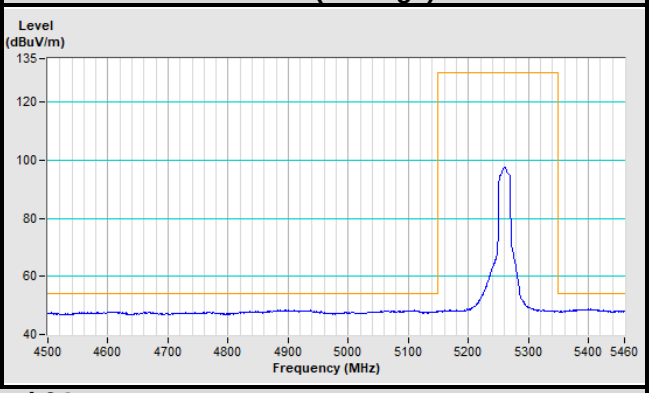
Horizontal (Average)



Vertical (Peak)

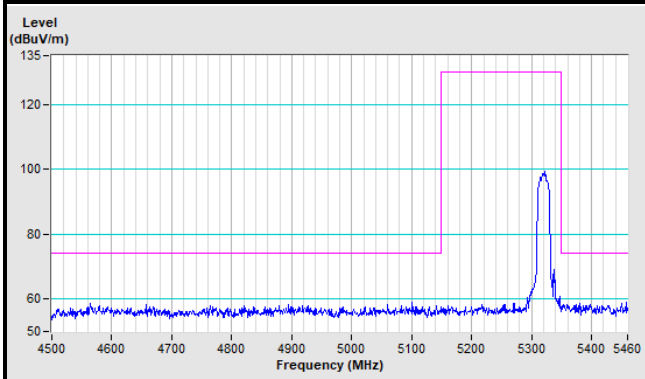


Vertical (Average)

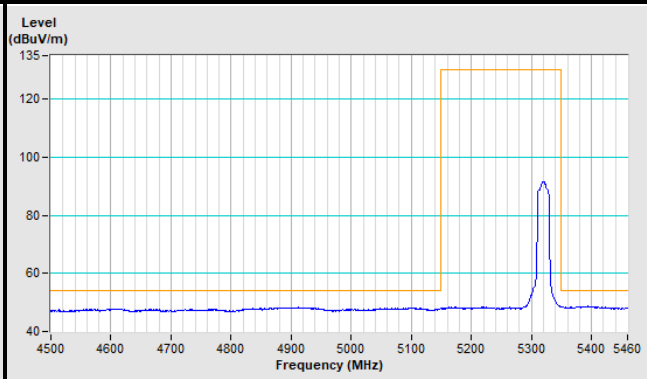


Channel 64

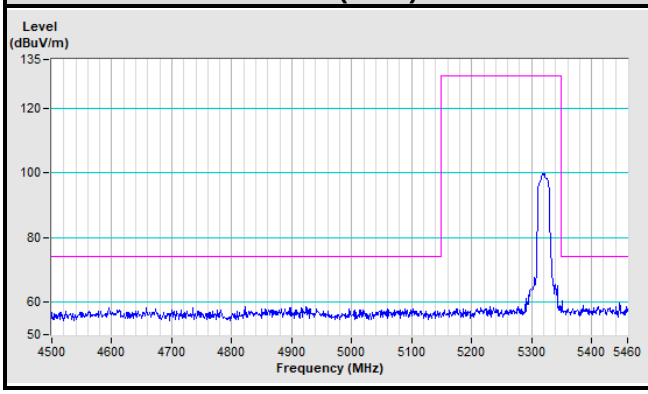
Horizontal (Peak)



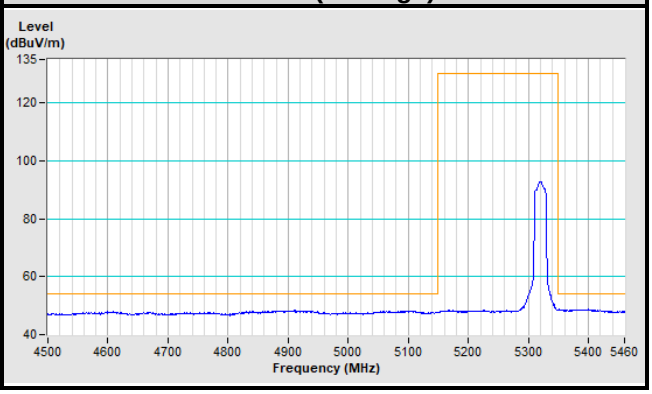
Horizontal (Average)

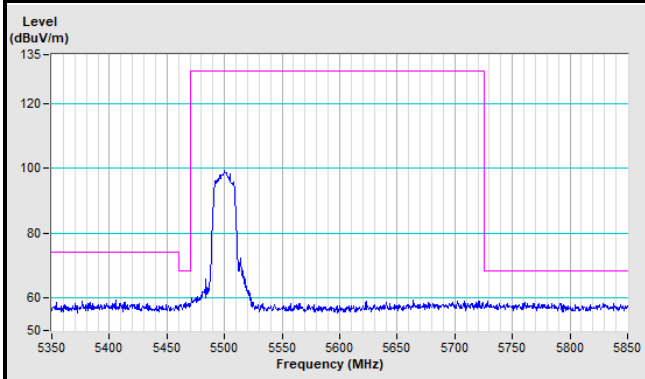
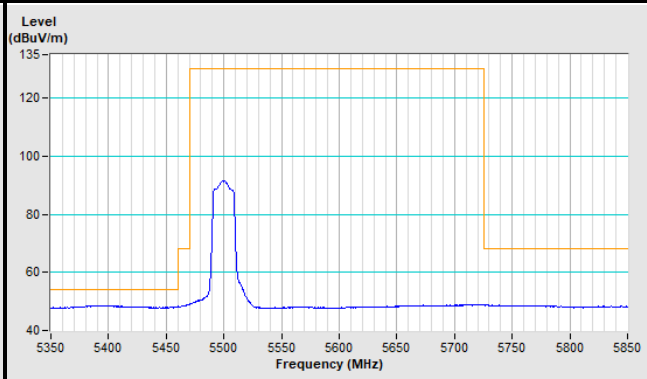
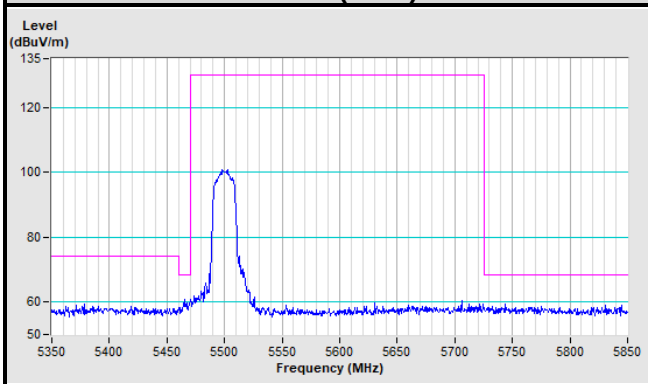
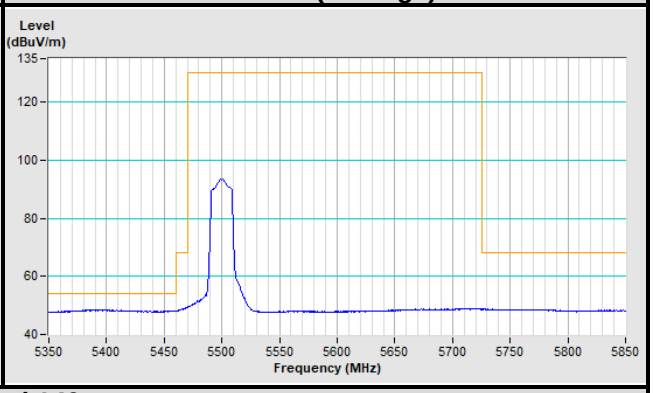
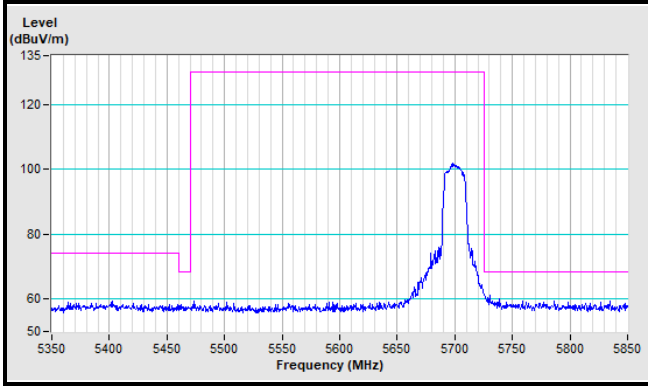
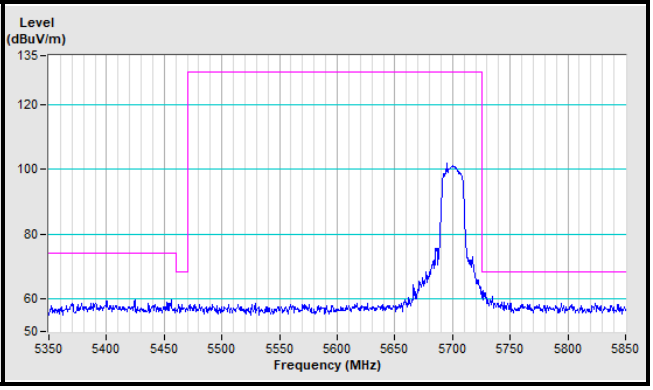


Vertical (Peak)



Vertical (Average)

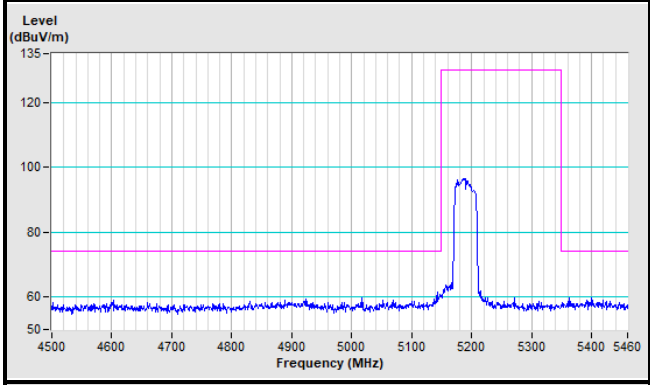


Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 140	
Horizontal (Peak)	Vertical (Peak)
	

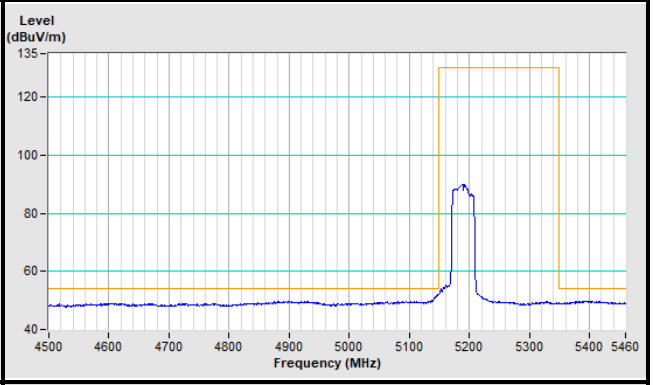
802.11n (HT40)

Channel 38

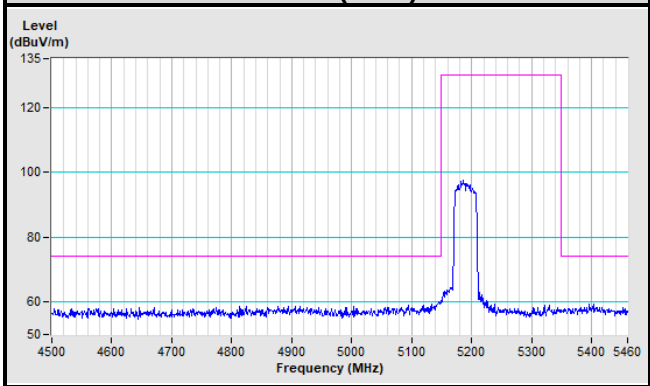
Horizontal (Peak)



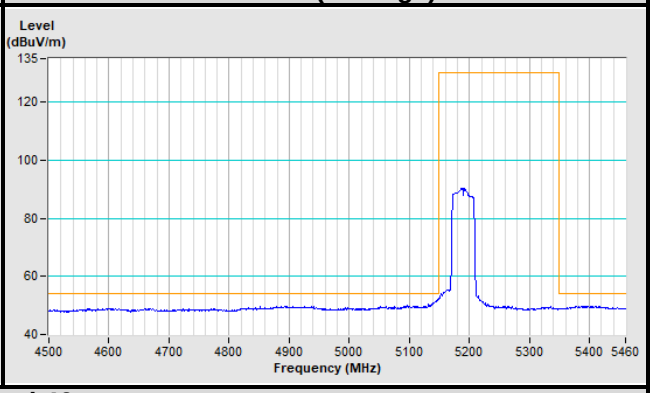
Horizontal (Average)



Vertical (Peak)

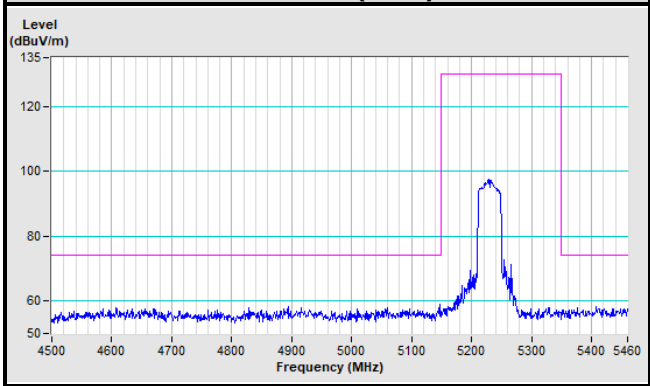


Vertical (Average)

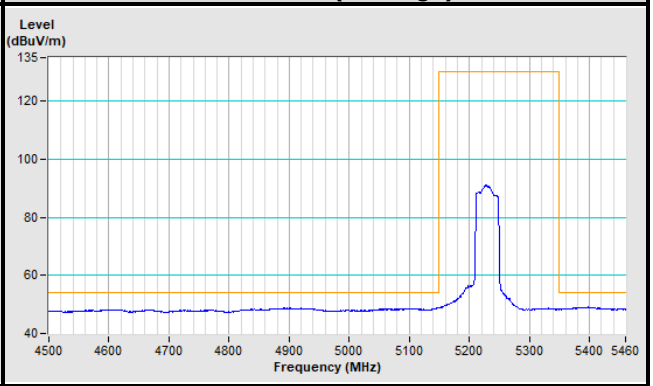


Channel 46

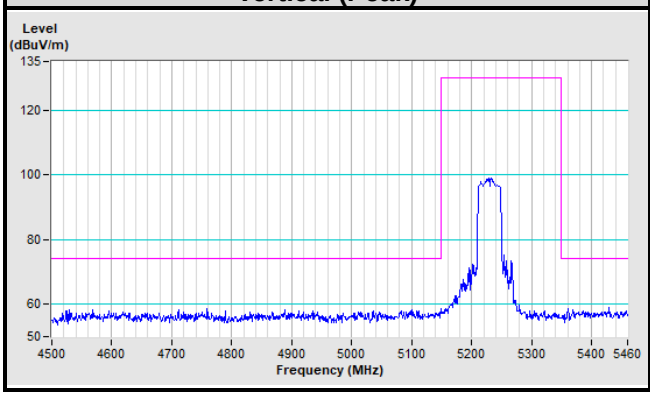
Horizontal (Peak)



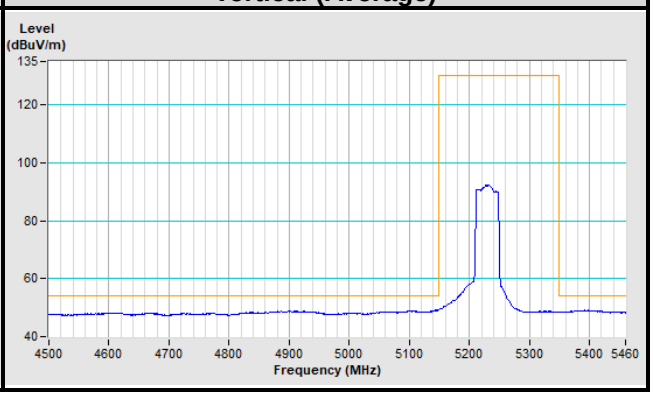
Horizontal (Average)

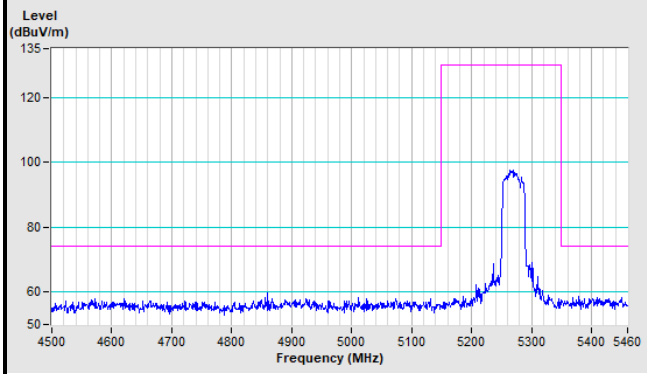
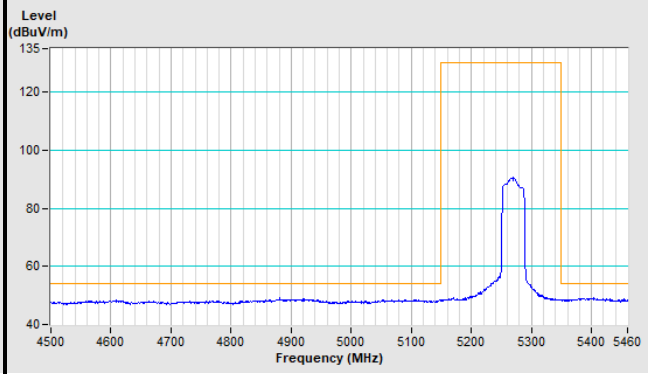
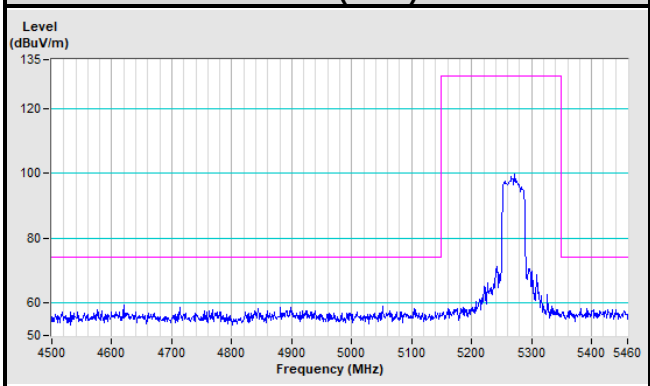
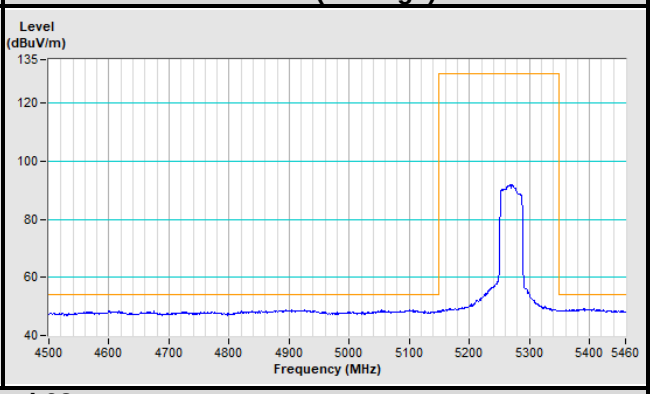
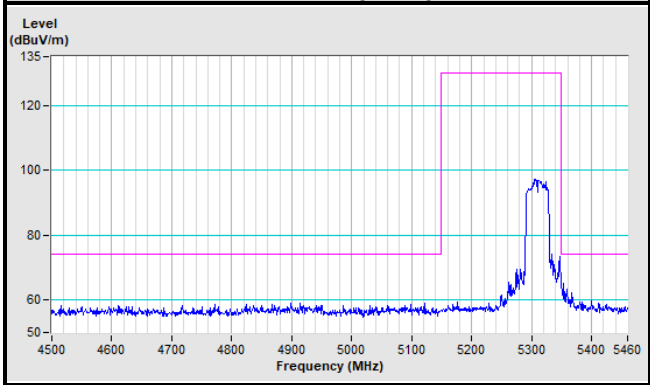
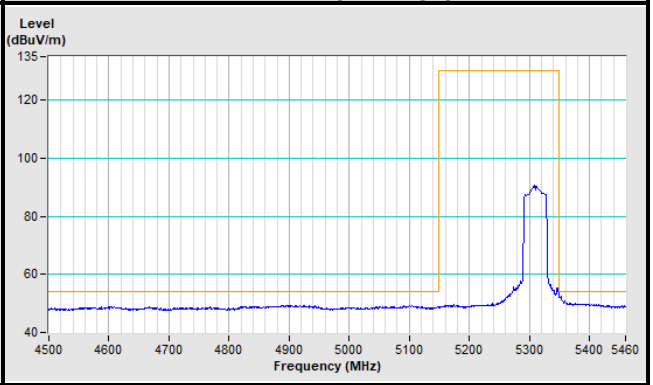
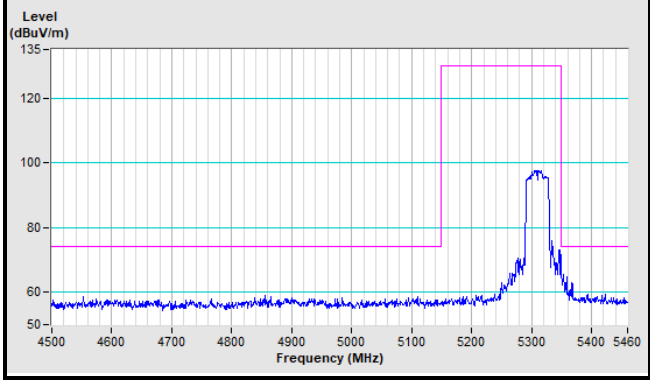
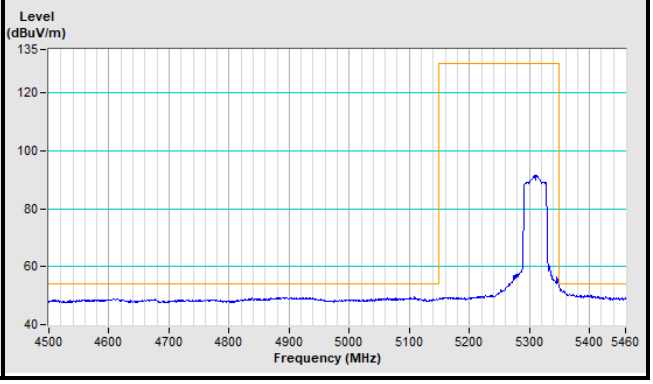


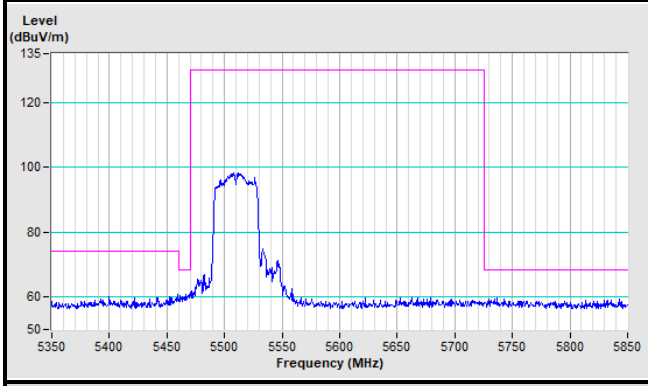
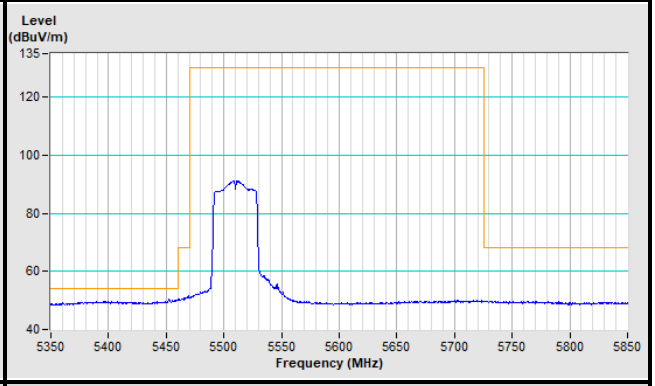
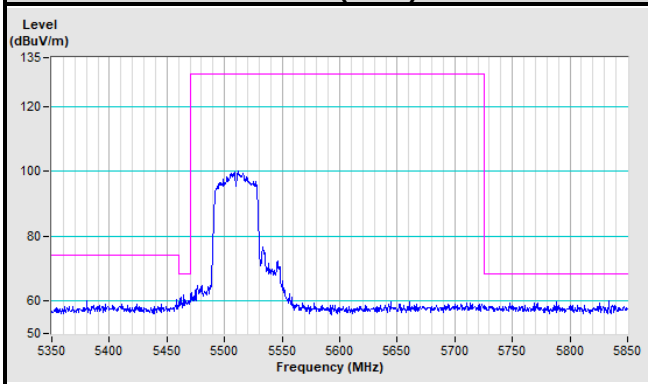
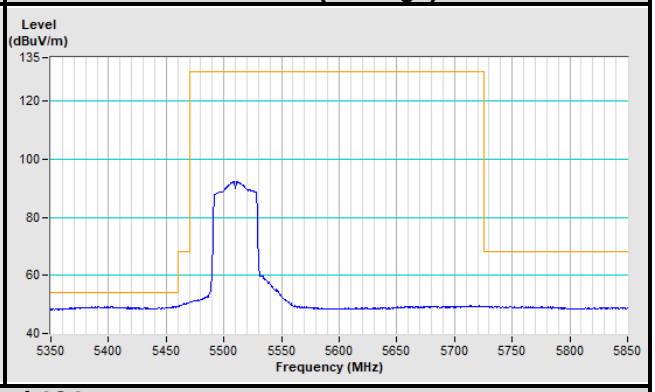
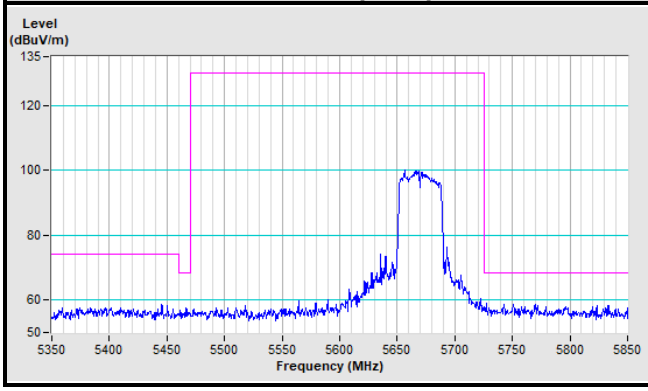
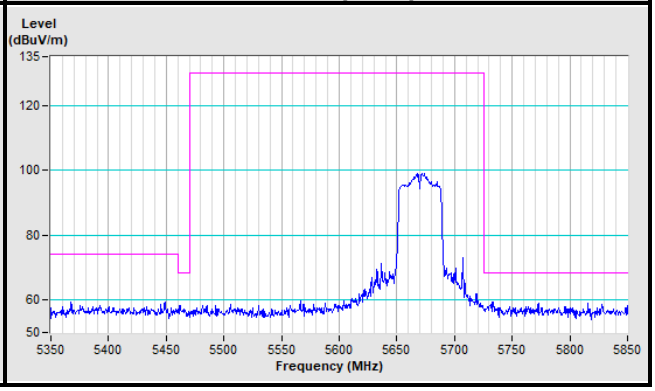
Vertical (Peak)



Vertical (Average)



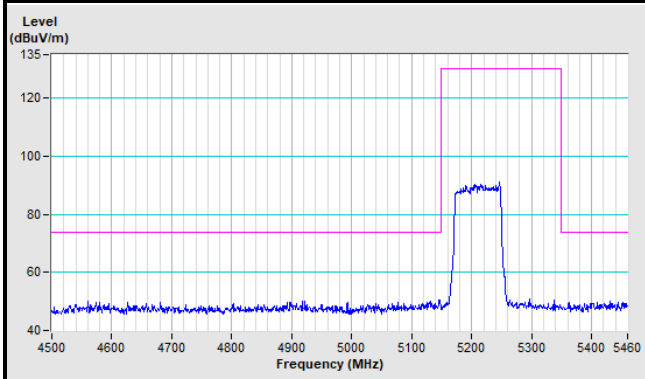
Channel 54	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 62	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Channel 102	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 134	
Horizontal (Peak)	Vertical (Peak)
	

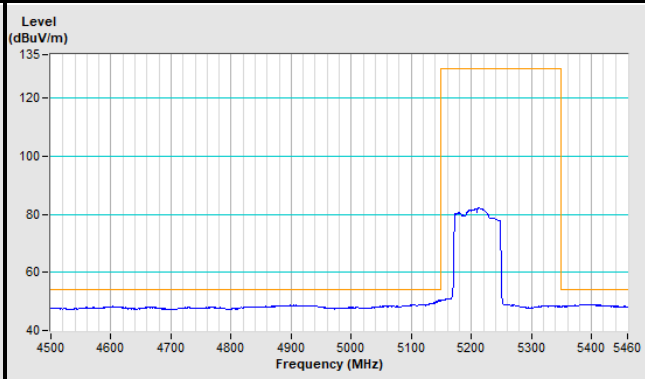
802.11ac (VHT80)

Channel 42

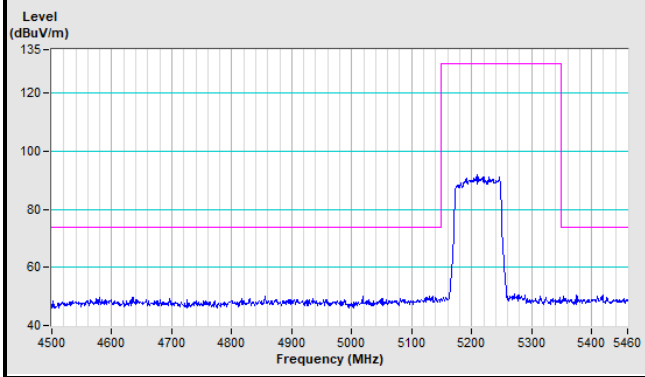
Horizontal (Peak)



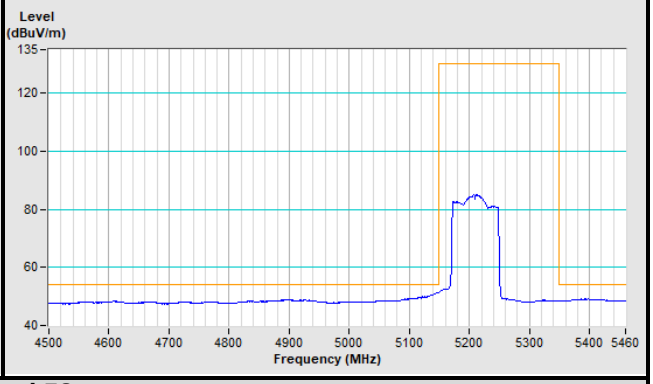
Horizontal (Average)



Vertical (Peak)

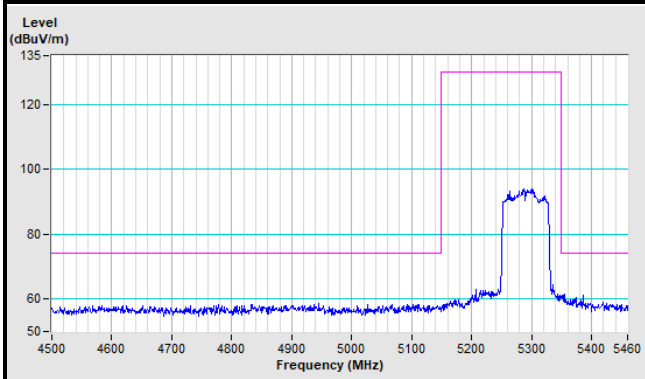


Vertical (Average)

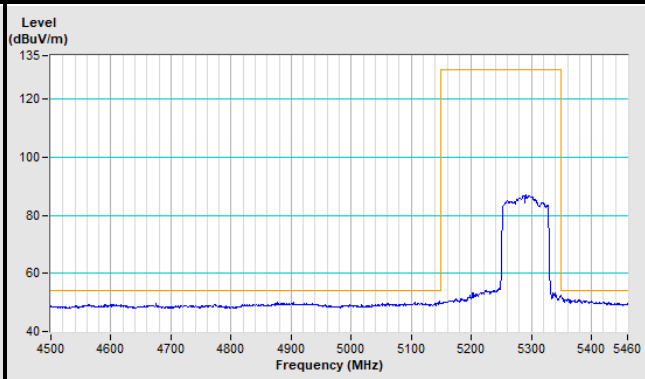


Channel 58

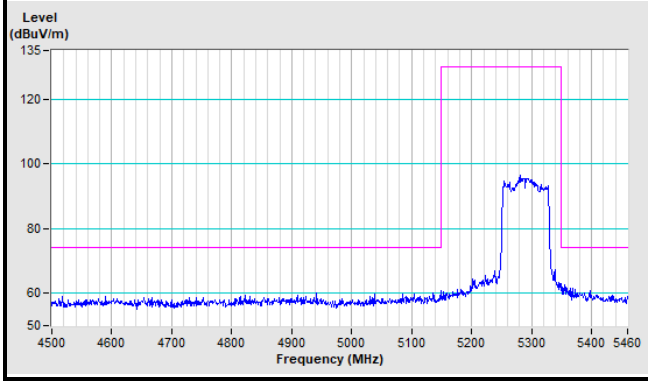
Horizontal (Peak)



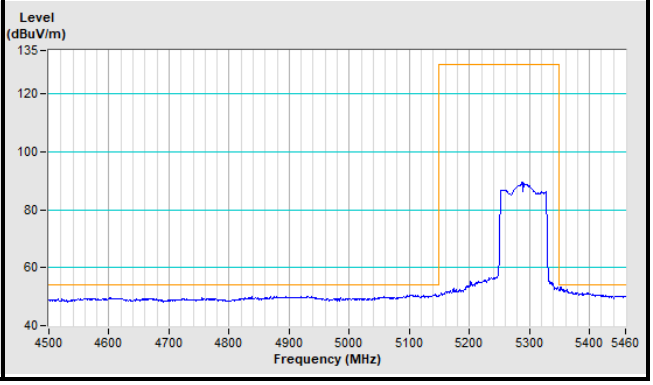
Horizontal (Average)

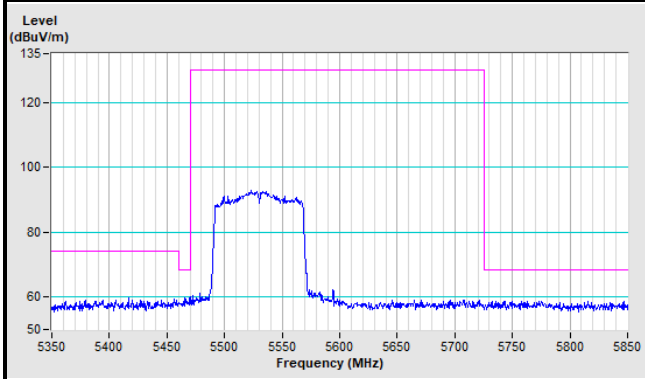
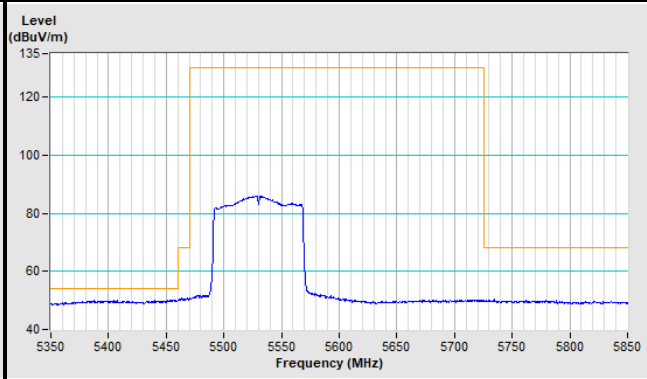
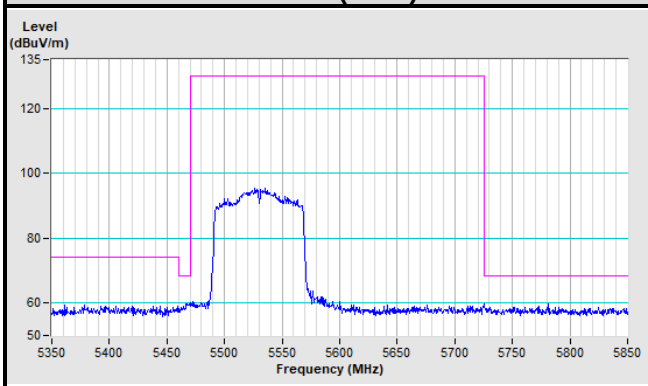
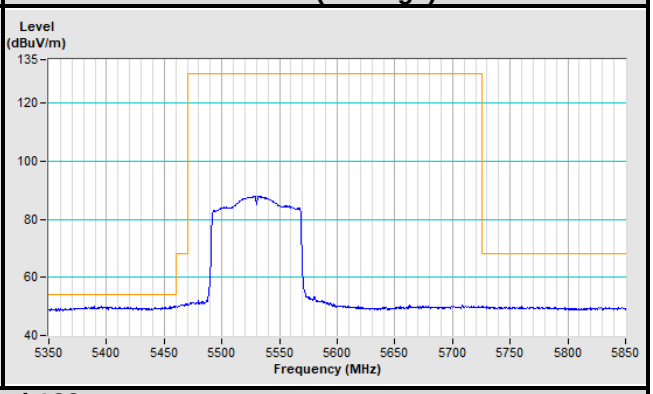
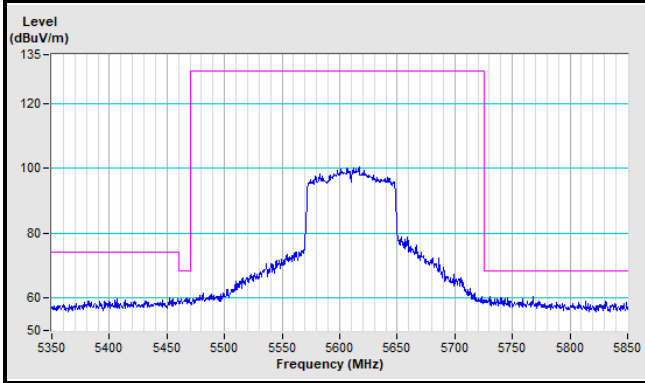
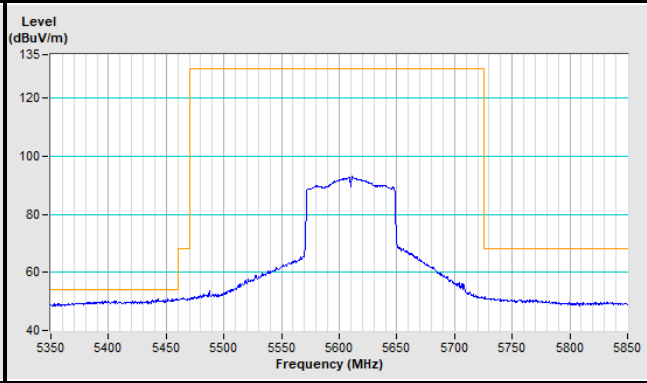
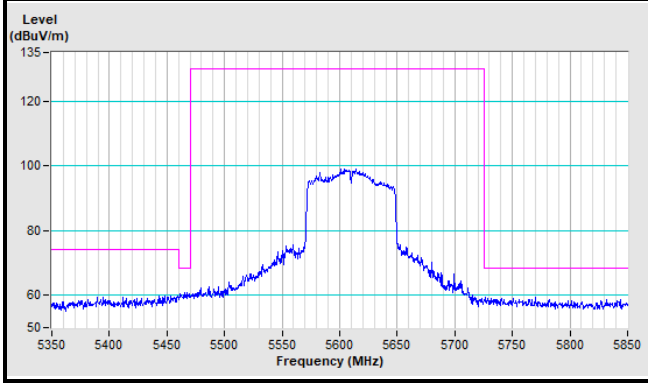
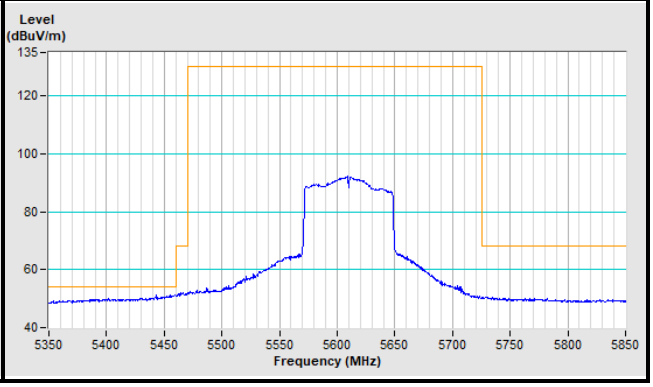


Vertical (Peak)



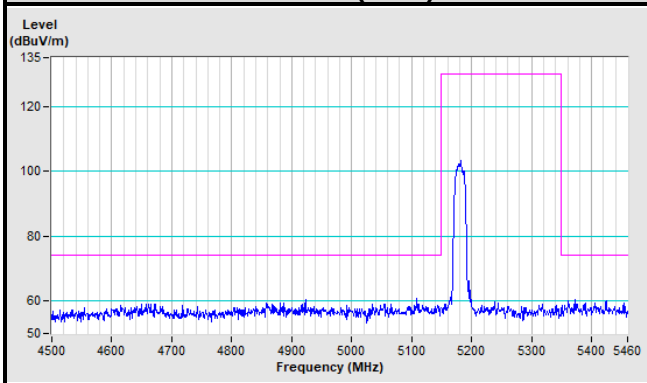
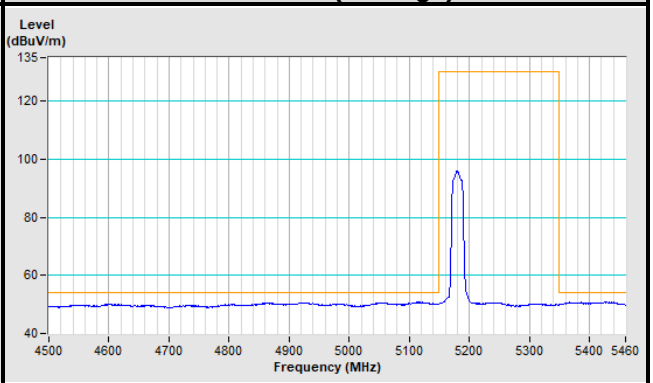
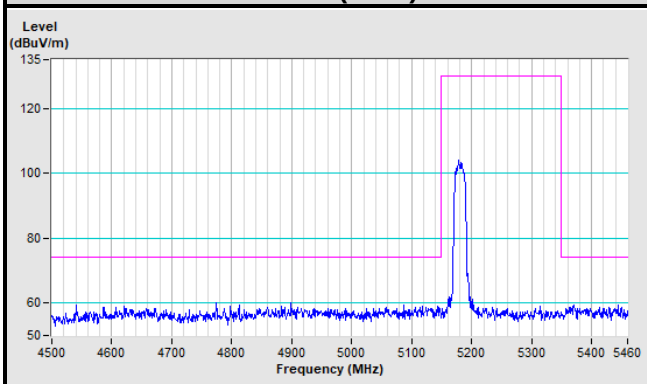
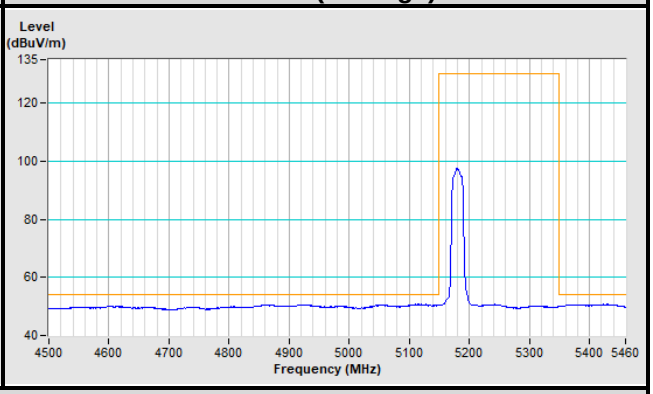
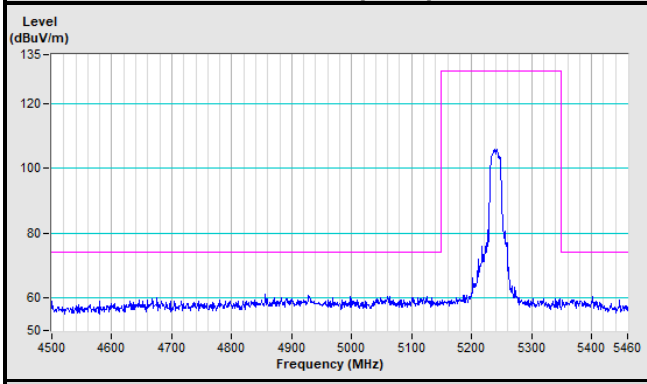
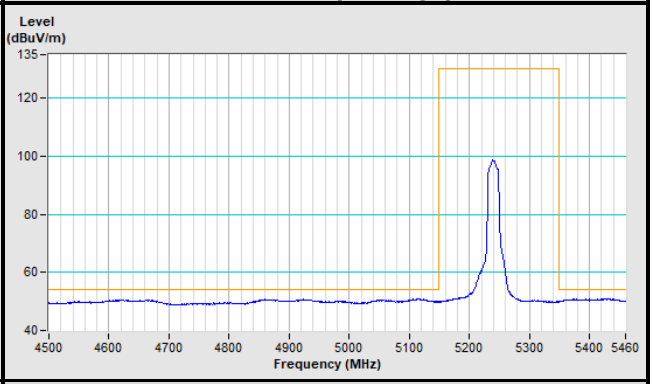
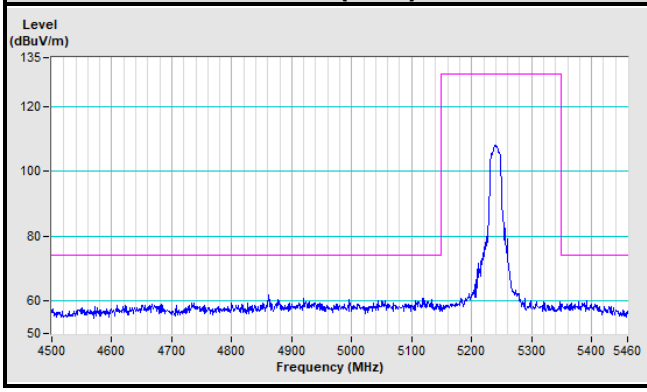
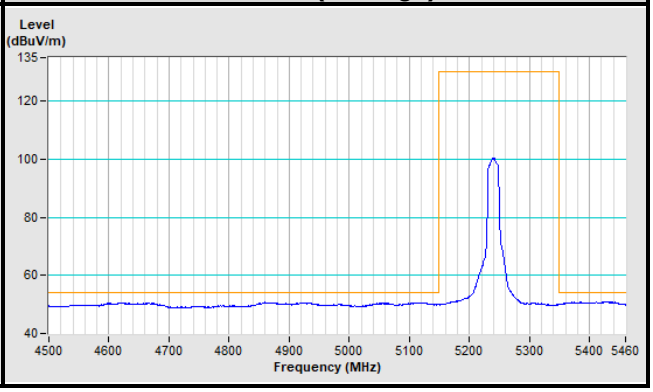
Vertical (Average)

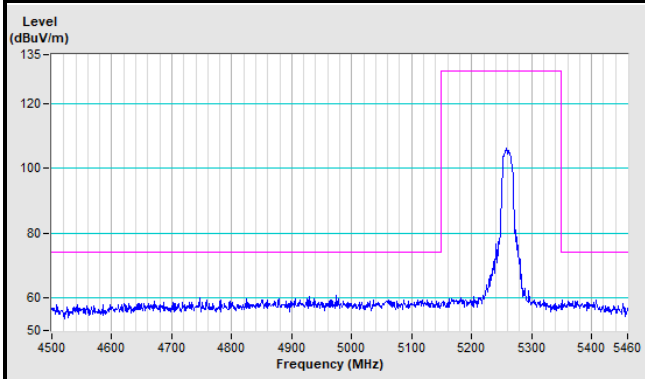
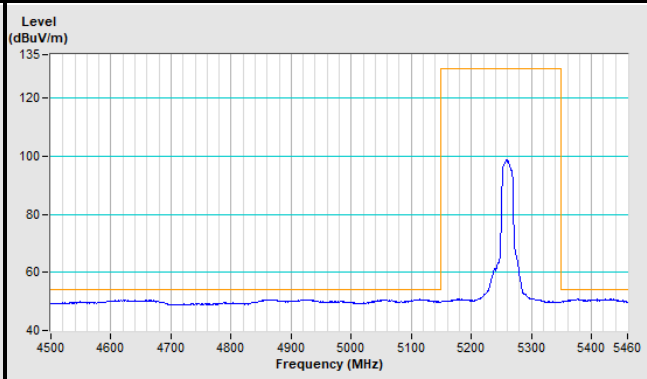
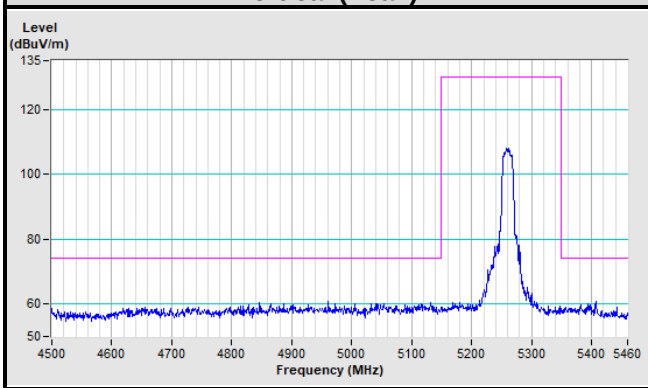
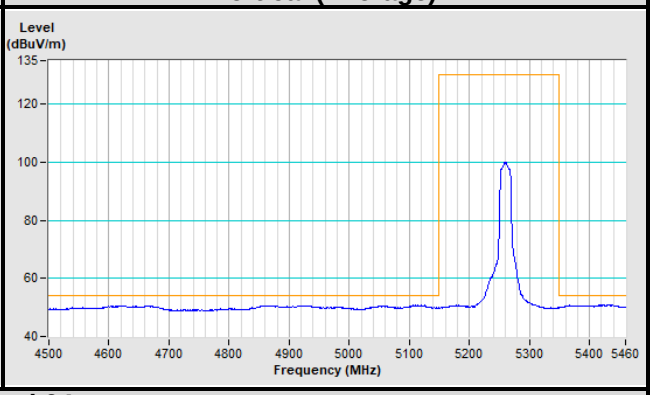
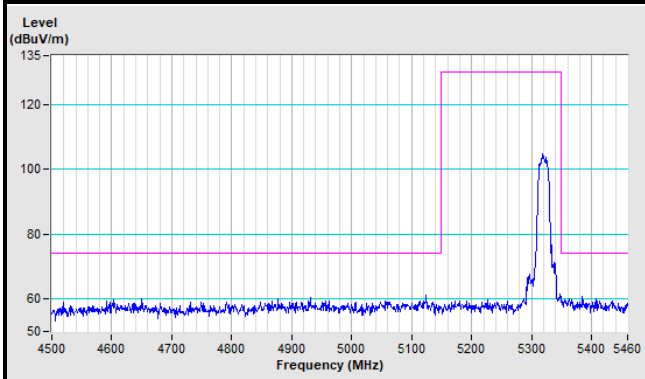
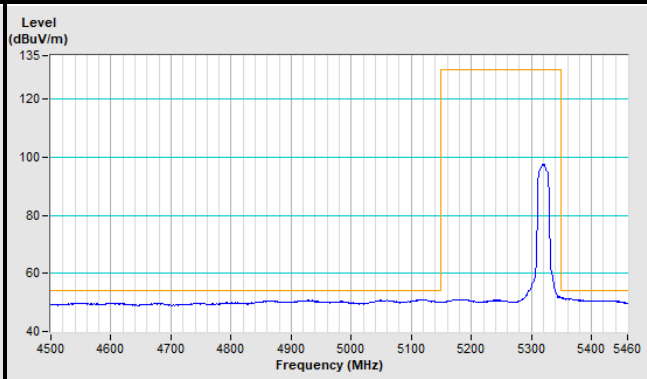
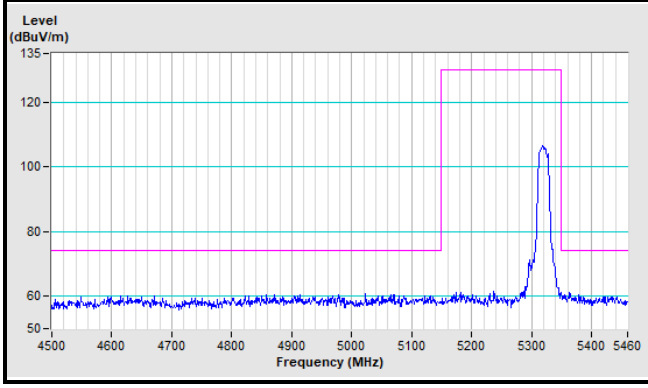
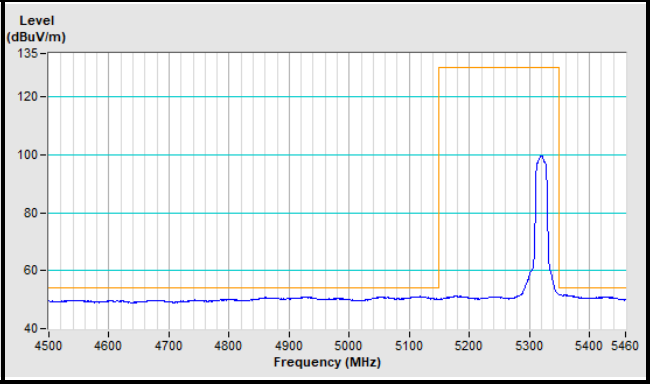


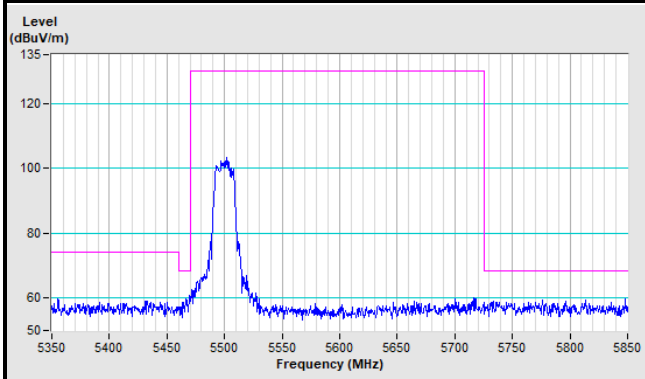
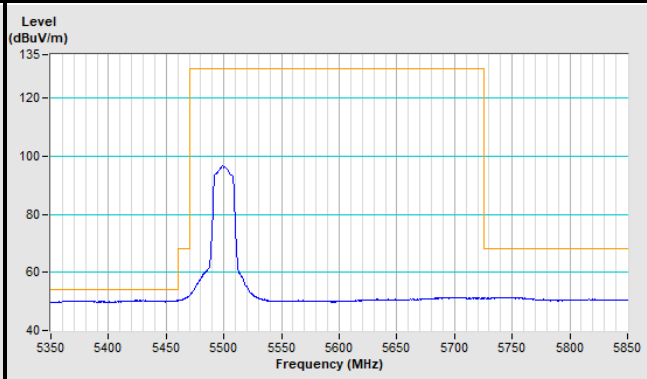
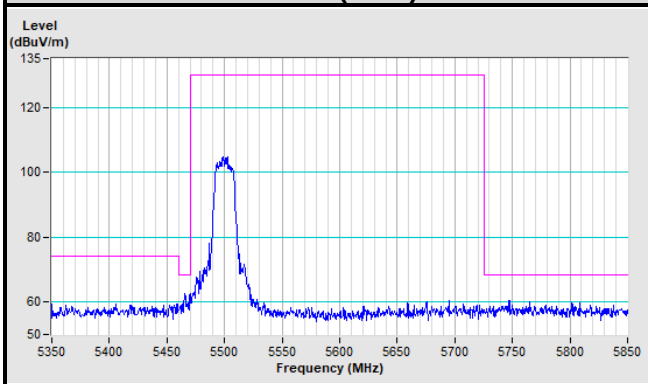
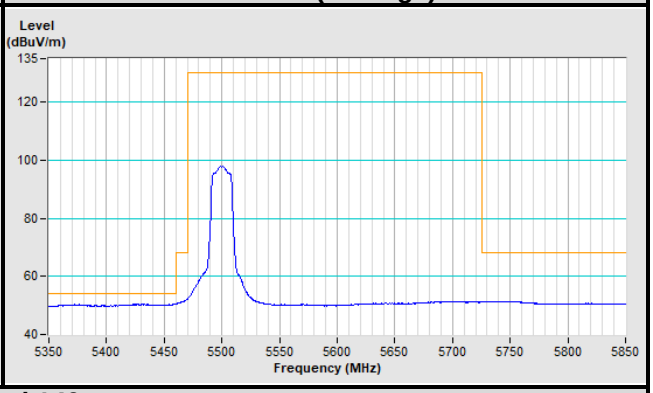
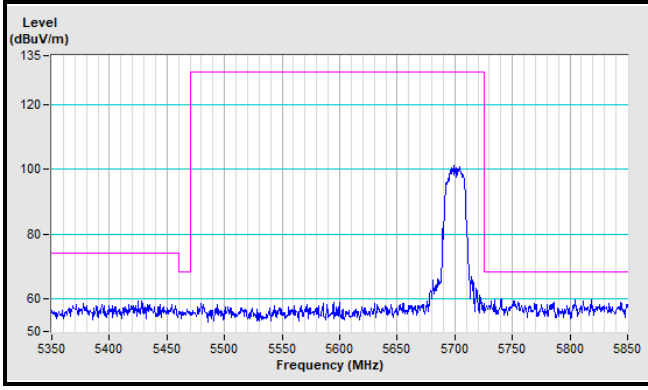
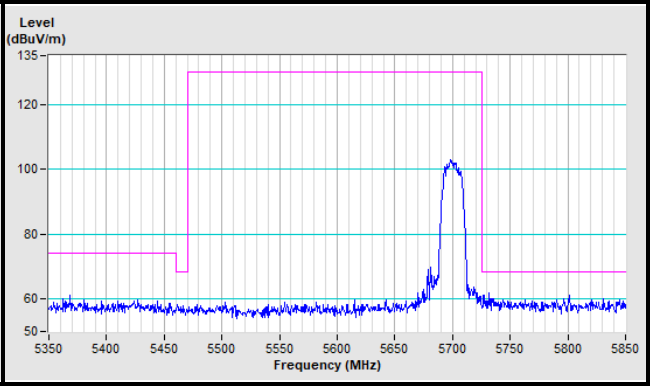
Channel 106	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Mode B

802.11a

Channel 36	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 48	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

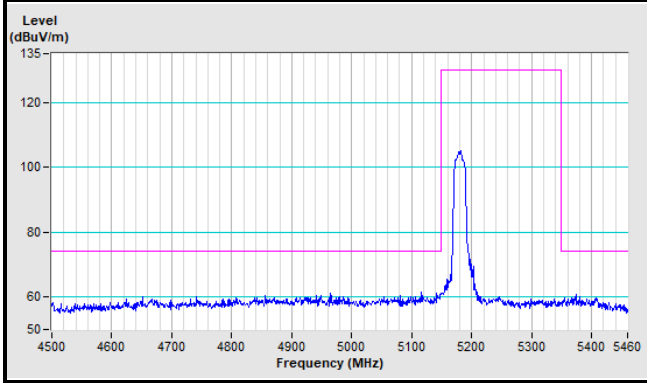
Channel 52	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 64	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 140	
Horizontal (Peak)	Vertical (Peak)
	

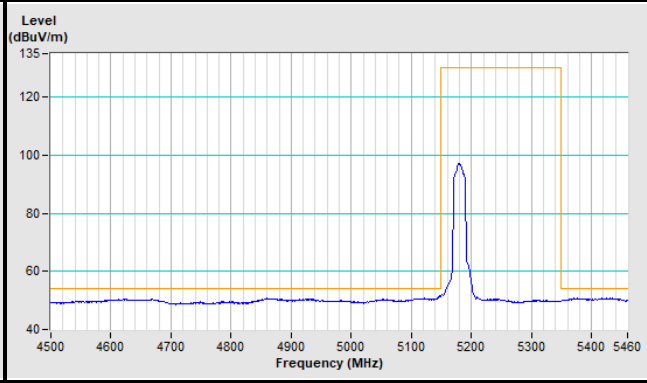
802.11n (HT20)

Channel 36

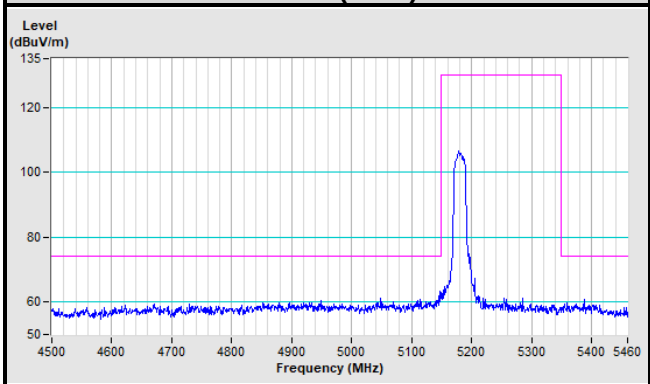
Horizontal (Peak)



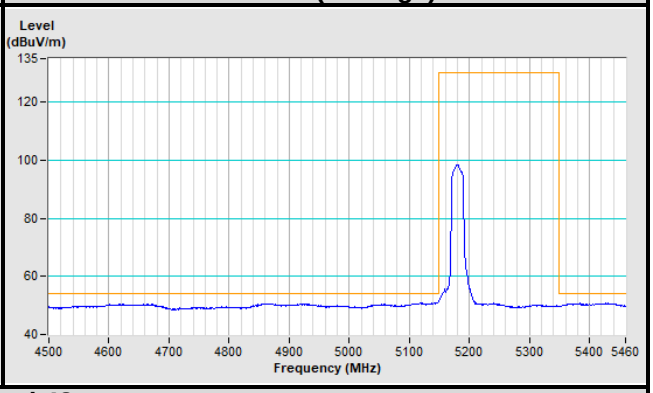
Horizontal (Average)



Vertical (Peak)

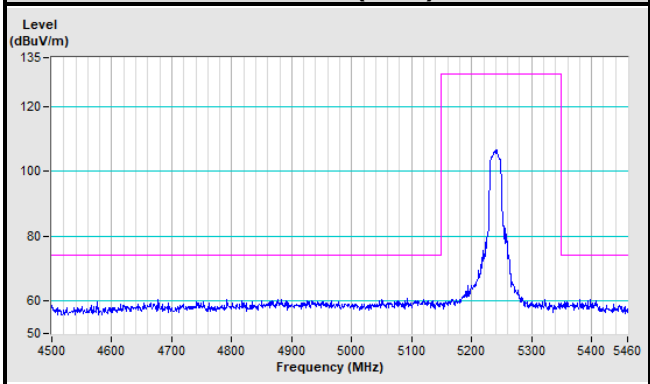


Vertical (Average)

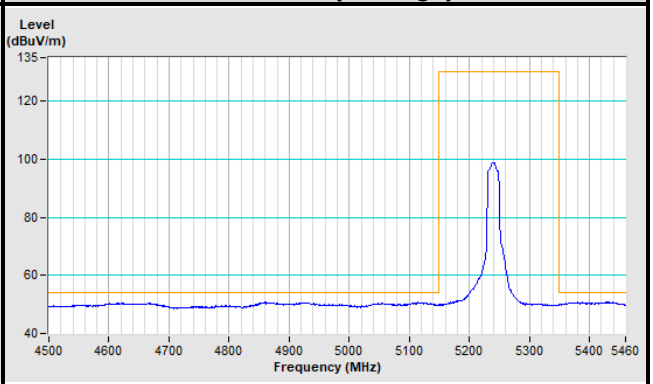


Channel 48

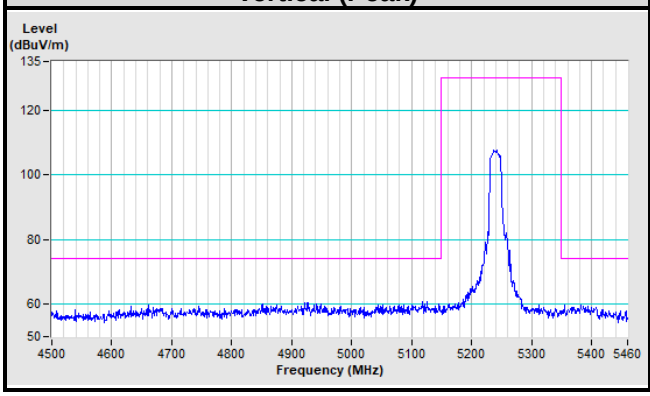
Horizontal (Peak)



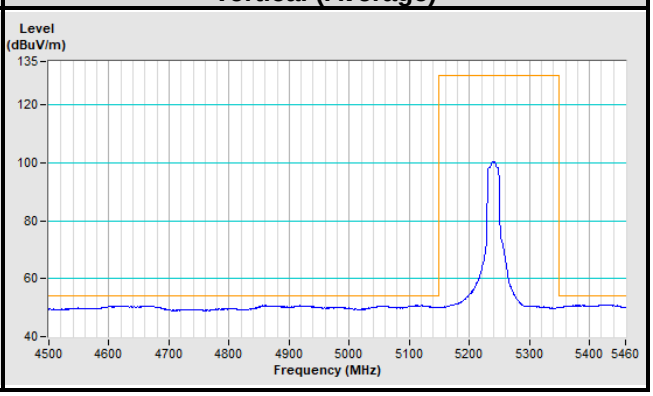
Horizontal (Average)



Vertical (Peak)

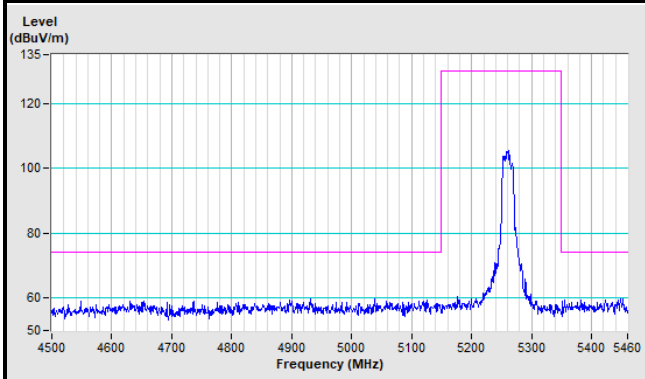


Vertical (Average)

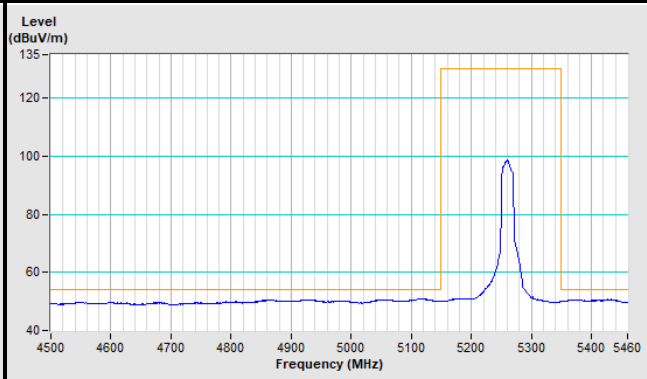


Channel 52

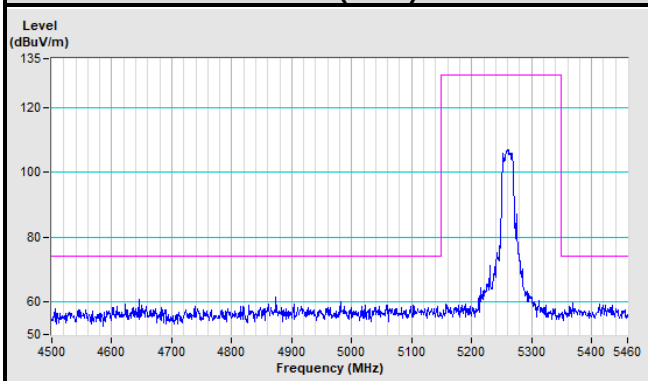
Horizontal (Peak)



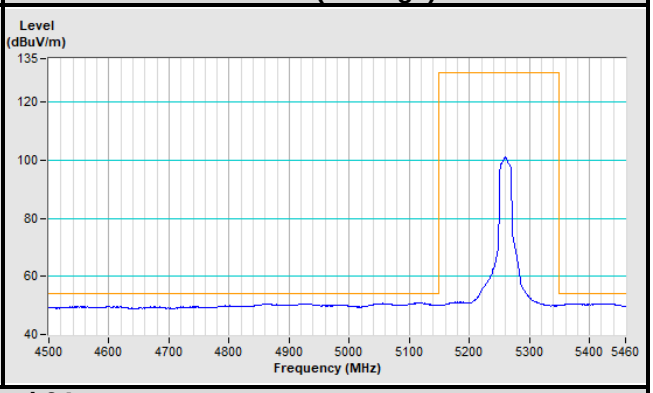
Horizontal (Average)



Vertical (Peak)

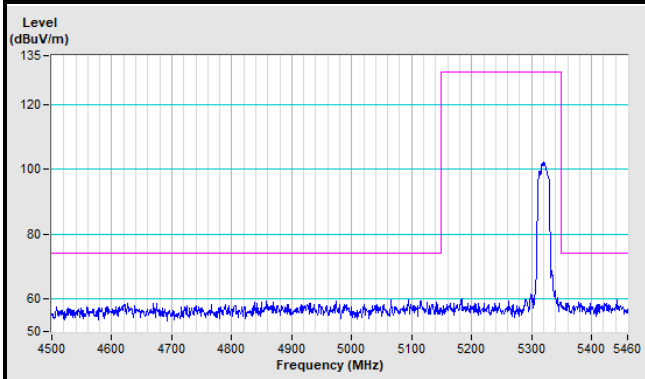


Vertical (Average)

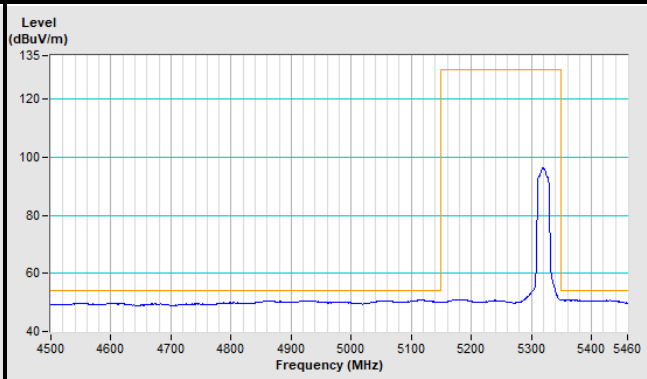


Channel 64

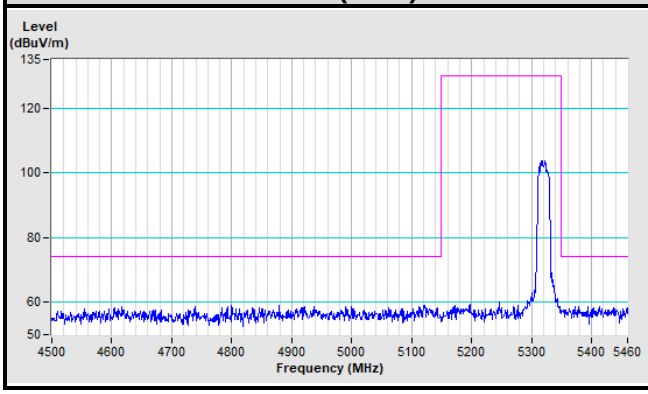
Horizontal (Peak)



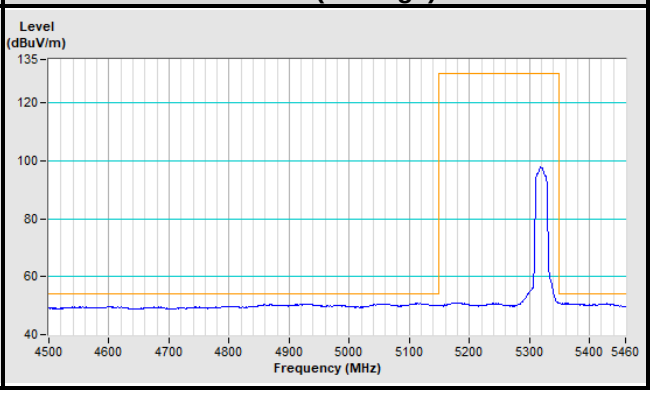
Horizontal (Average)

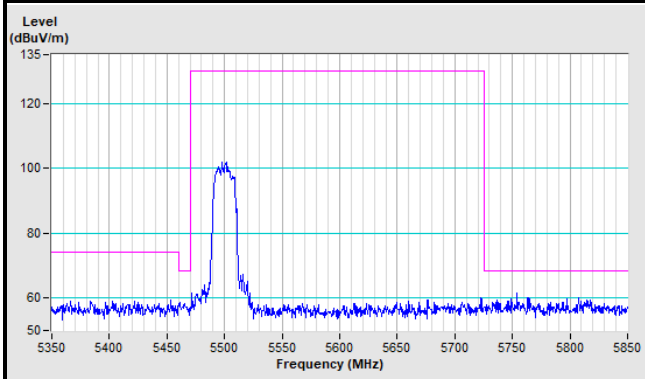
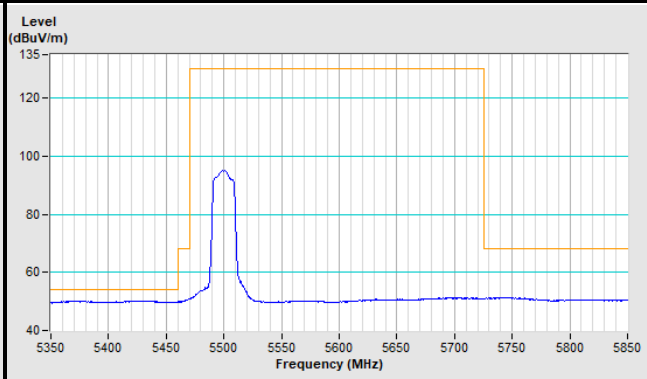
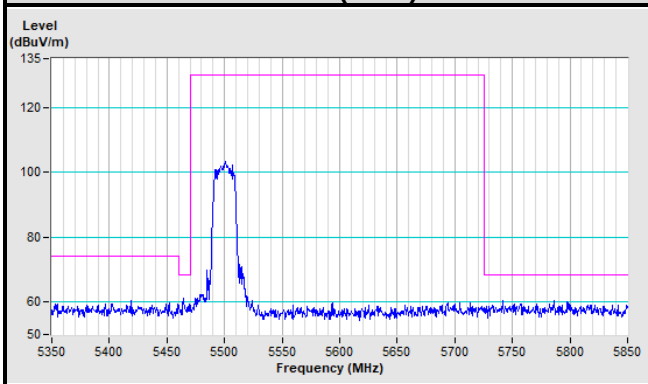
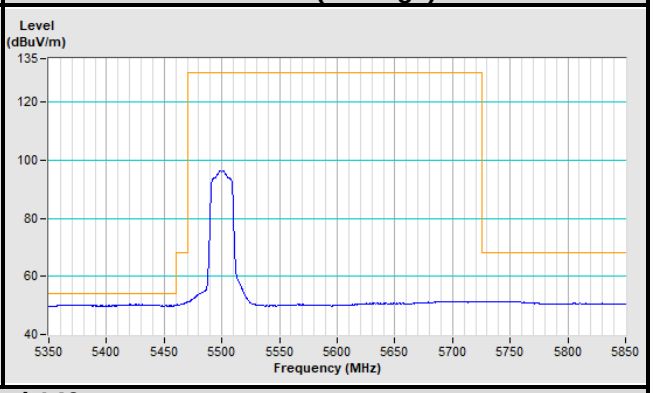
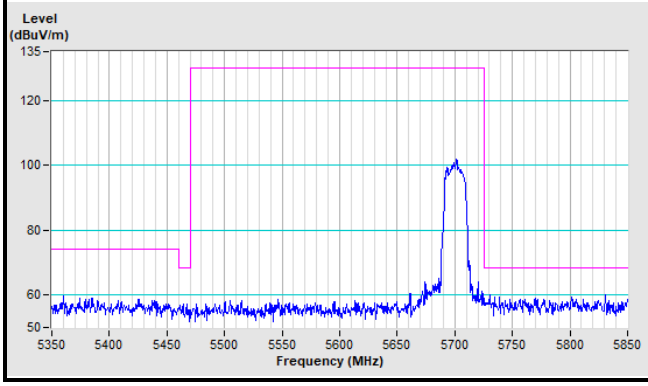
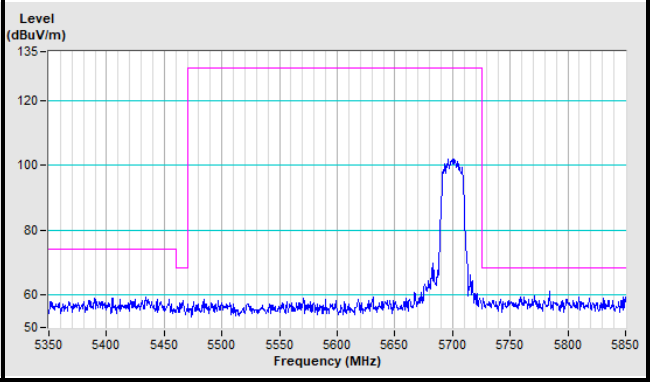


Vertical (Peak)



Vertical (Average)

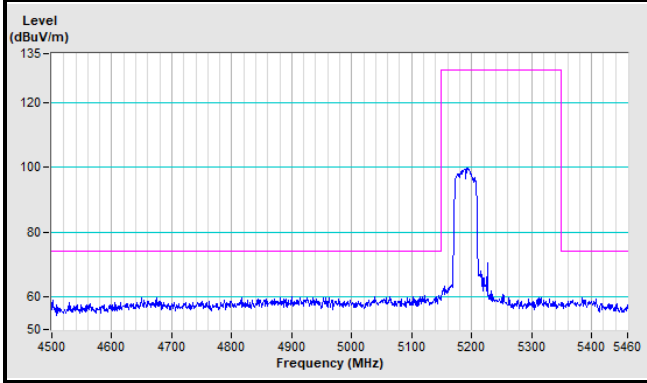


Channel 100	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 140	
Horizontal (Peak)	Vertical (Peak)
	

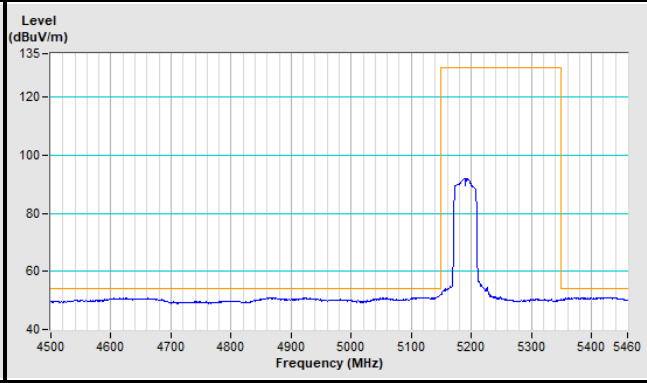
802.11n (HT40)

Channel 38

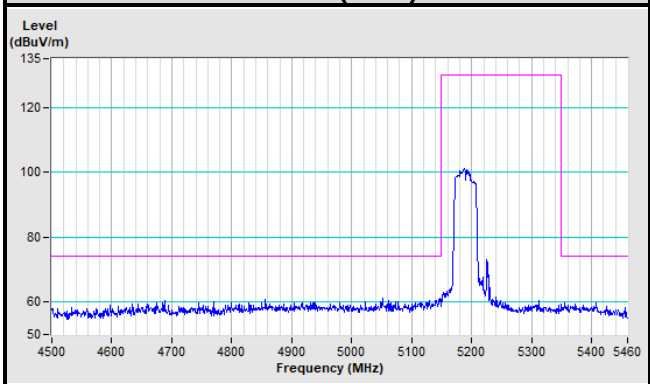
Horizontal (Peak)



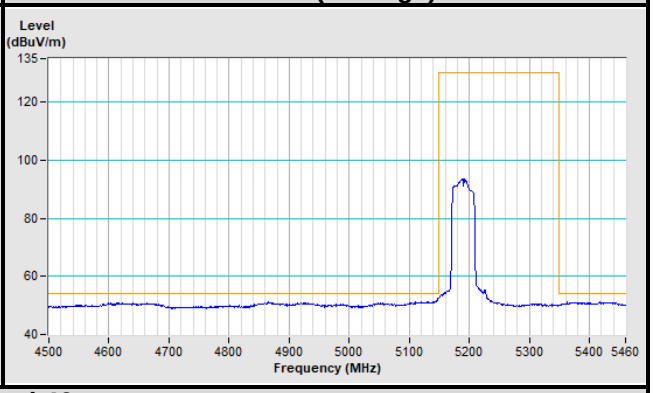
Horizontal (Average)



Vertical (Peak)

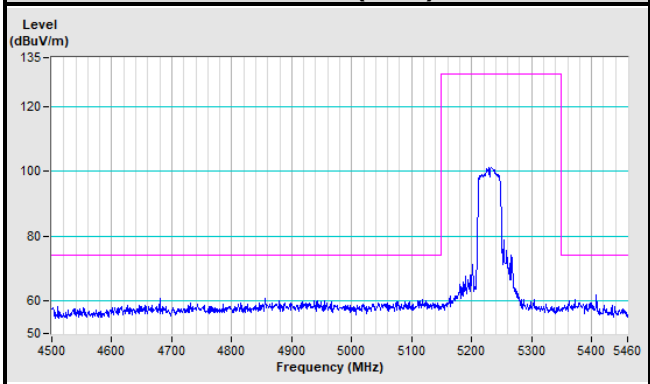


Vertical (Average)

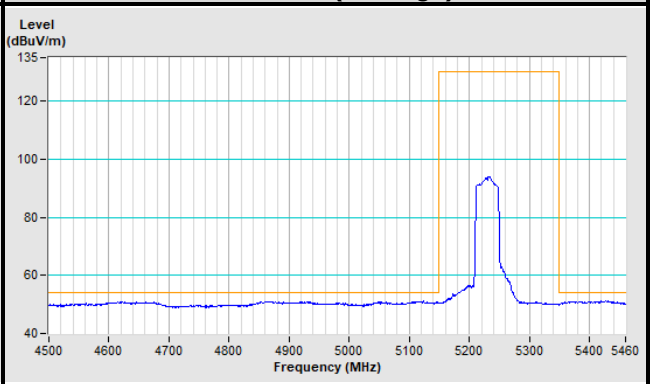


Channel 46

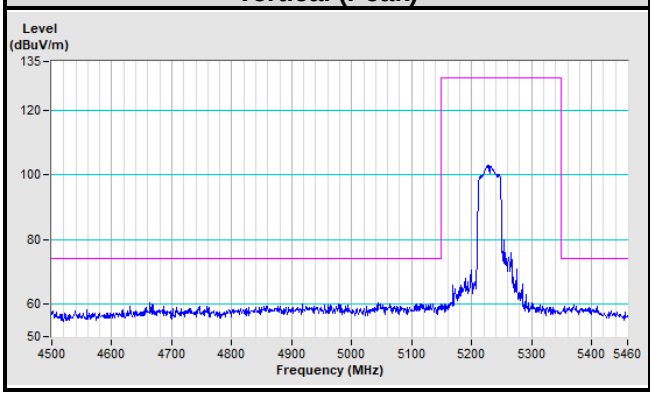
Horizontal (Peak)



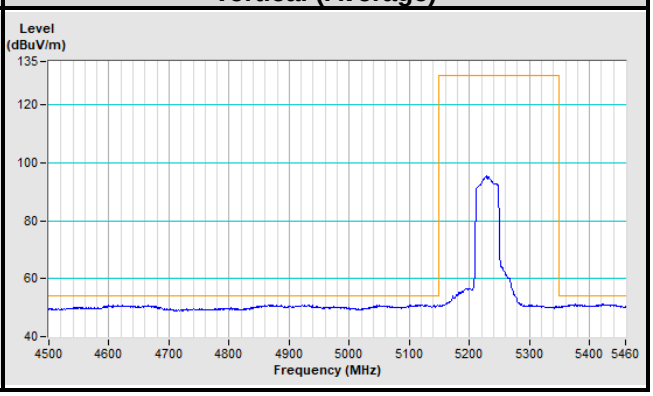
Horizontal (Average)

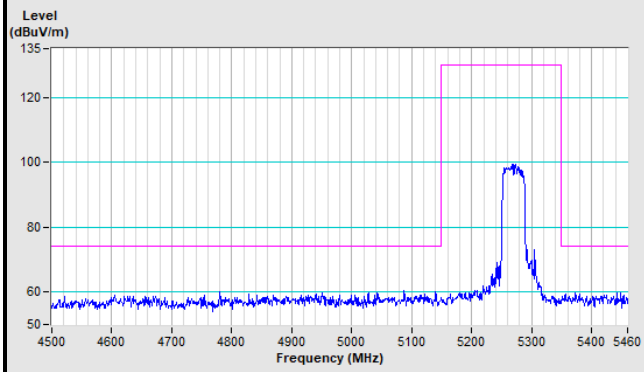
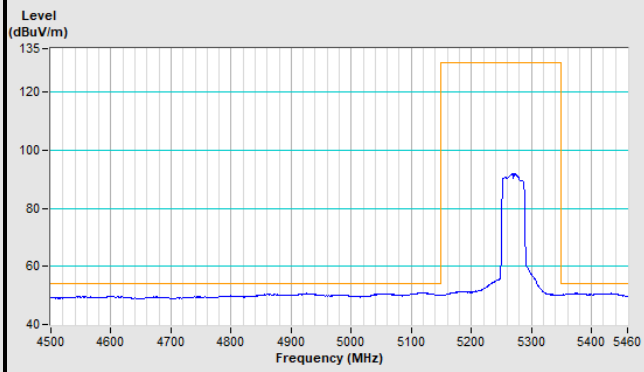
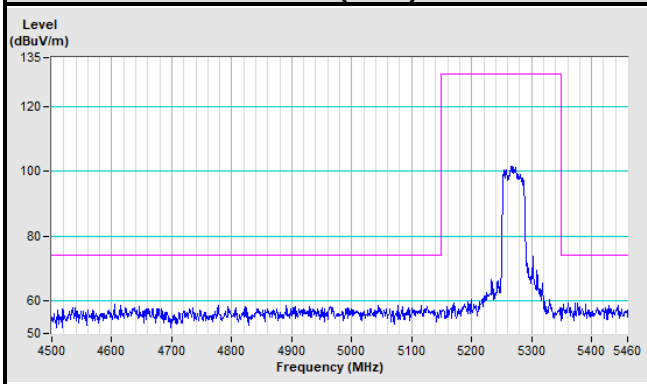
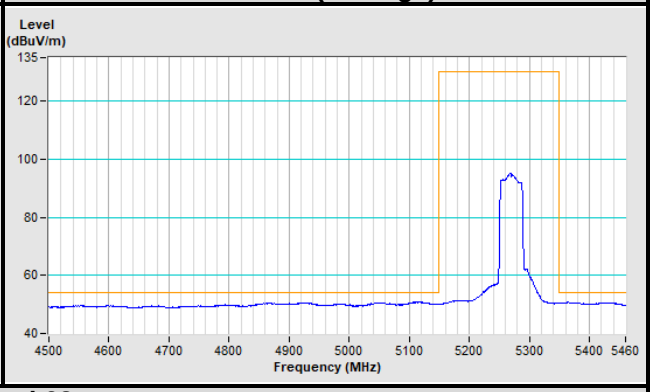
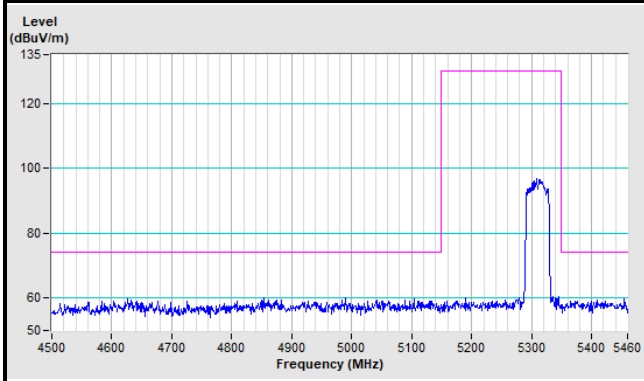
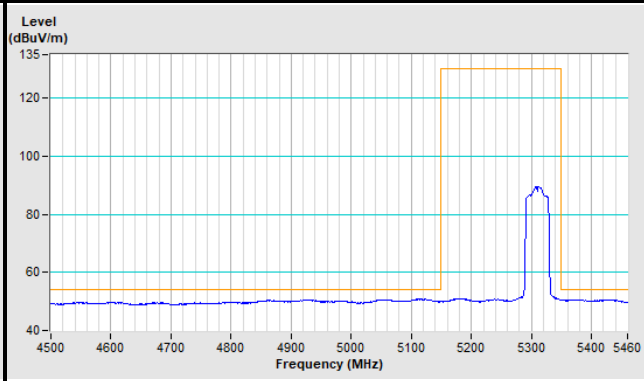
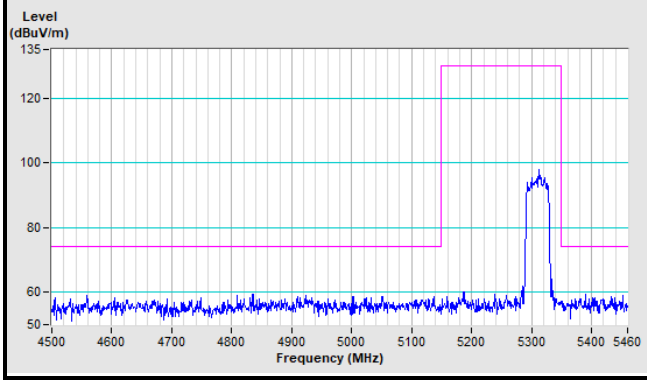
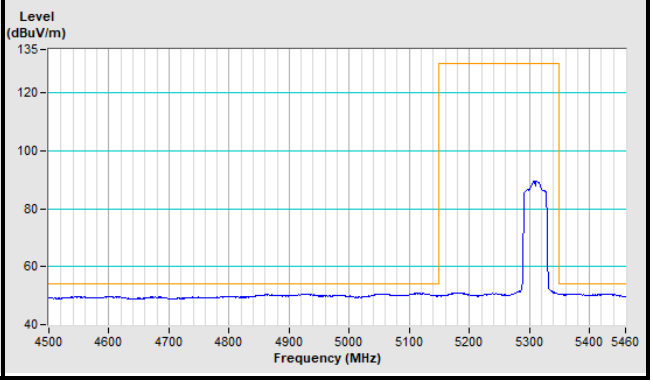


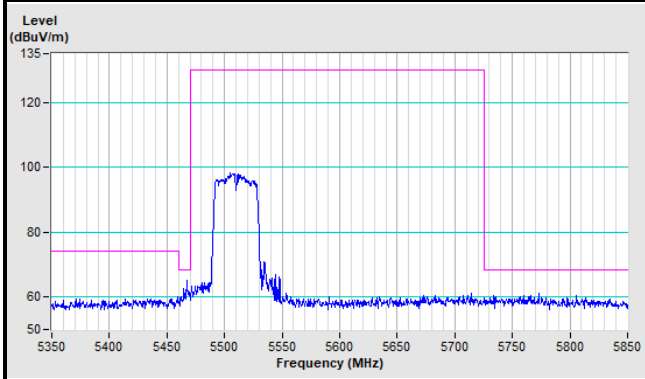
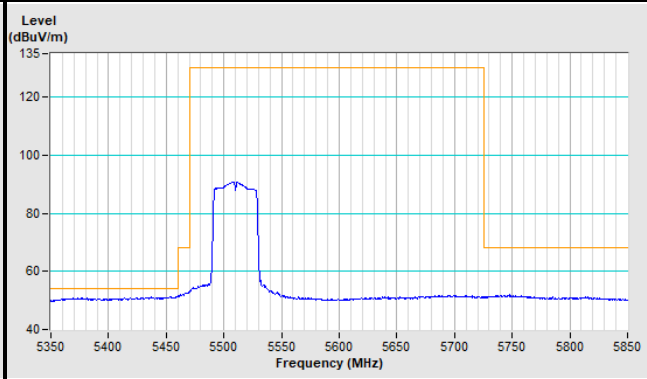
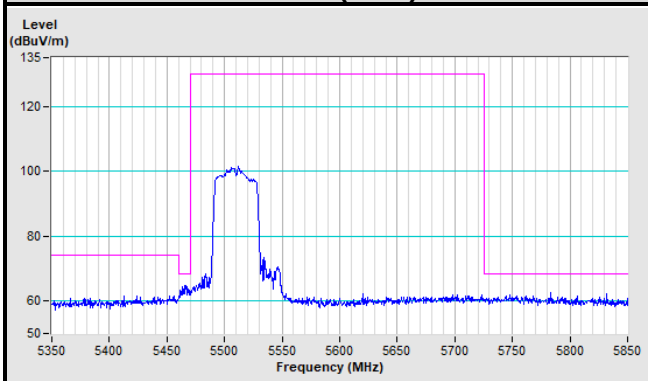
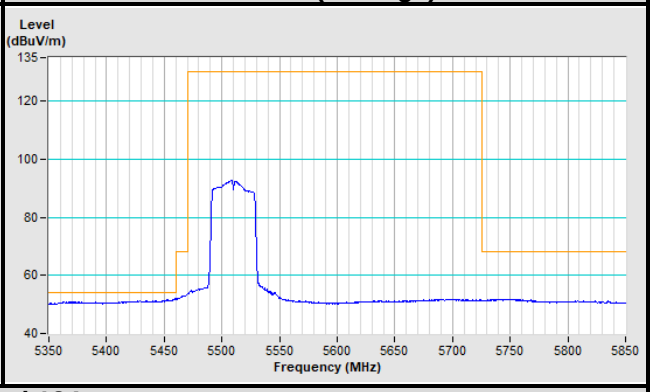
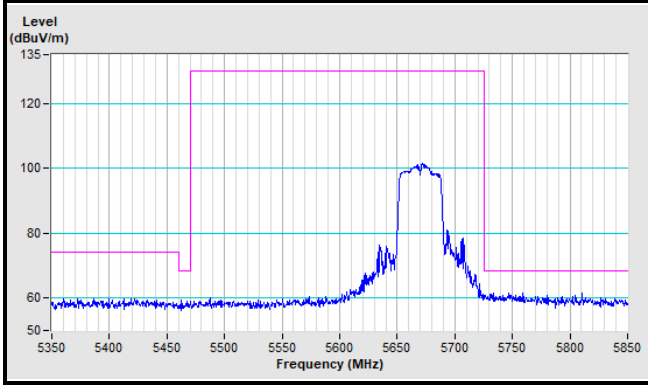
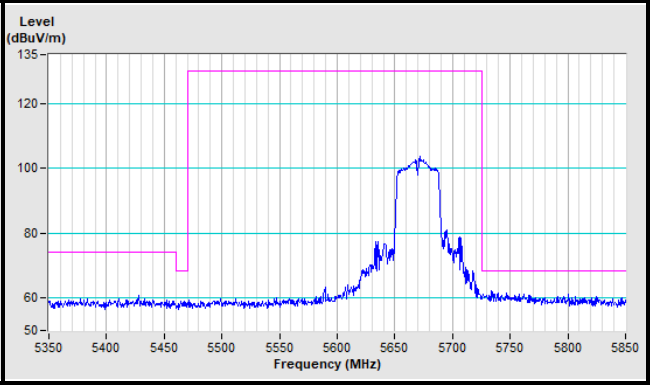
Vertical (Peak)



Vertical (Average)



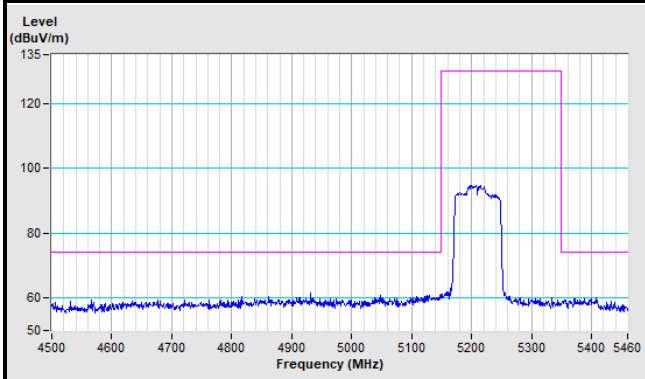
Channel 54	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 62	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Channel 102	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 134	
Horizontal (Peak)	Vertical (Peak)
	

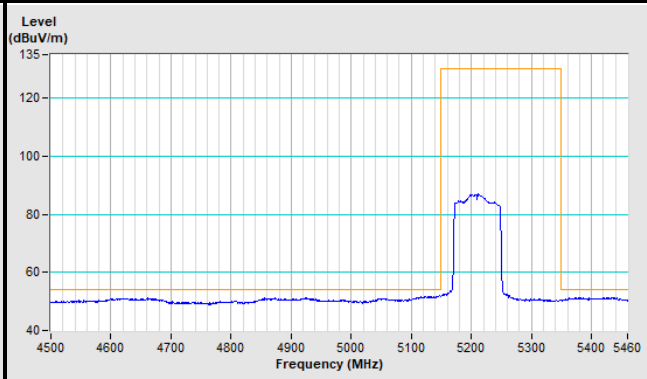
802.11ac (VHT80)

Channel 42

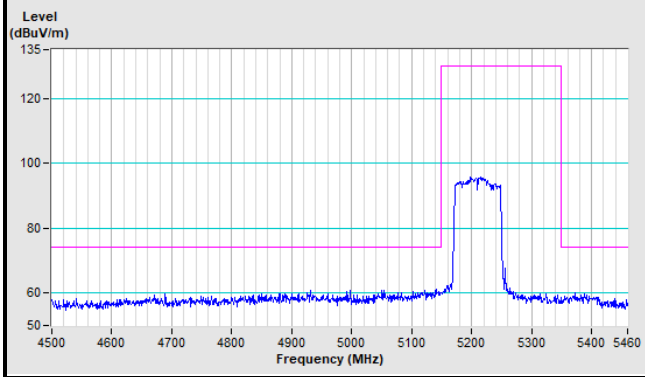
Horizontal (Peak)



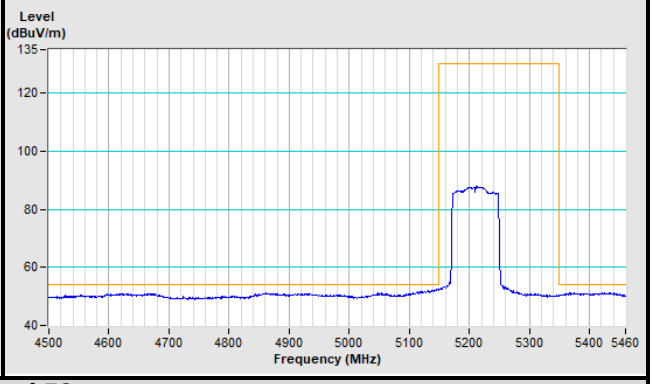
Horizontal (Average)



Vertical (Peak)

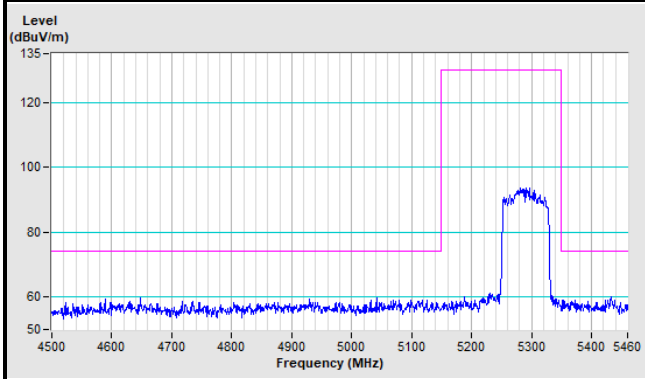


Vertical (Average)

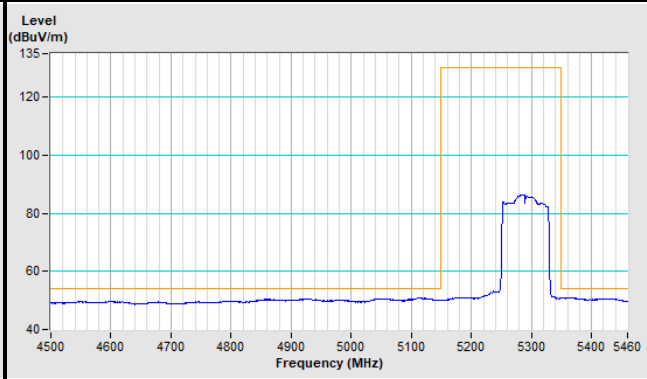


Channel 58

Horizontal (Peak)



Horizontal (Average)



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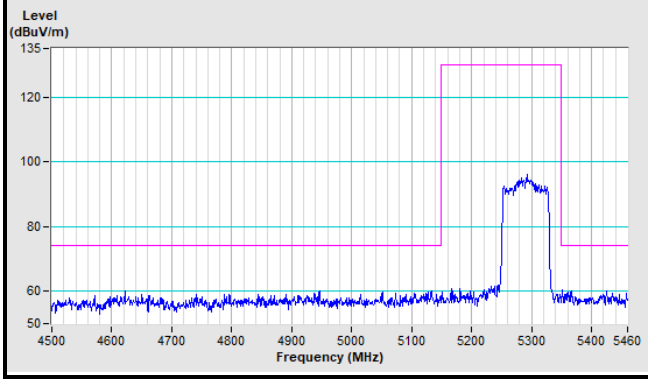

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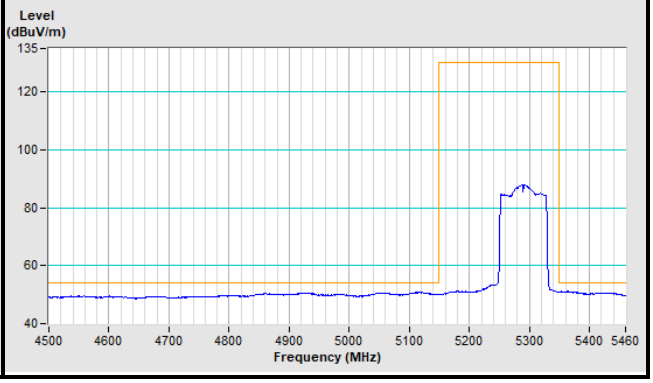
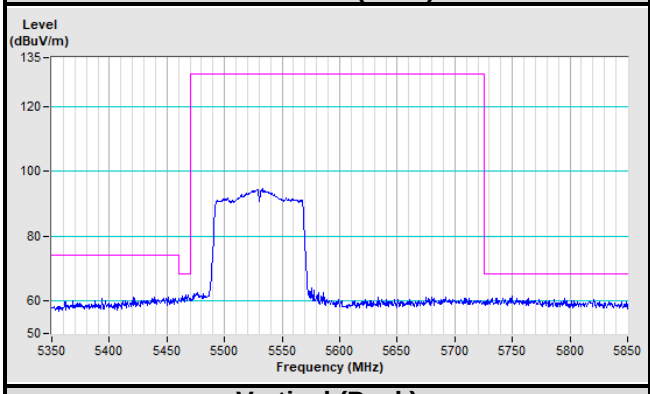
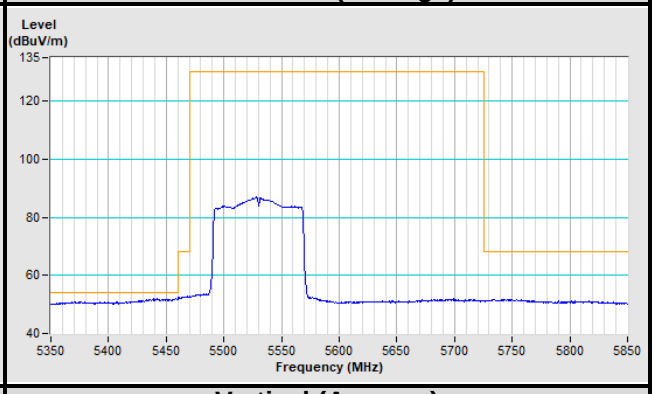
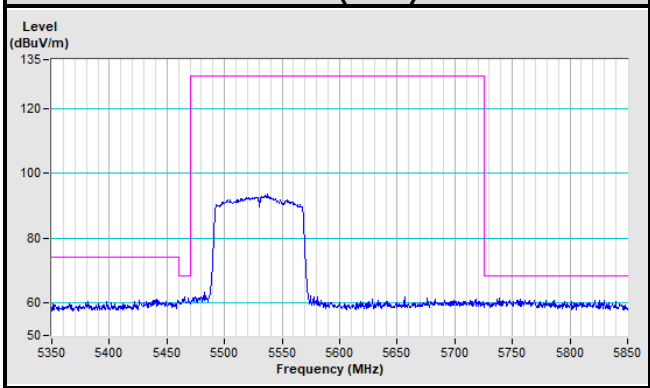
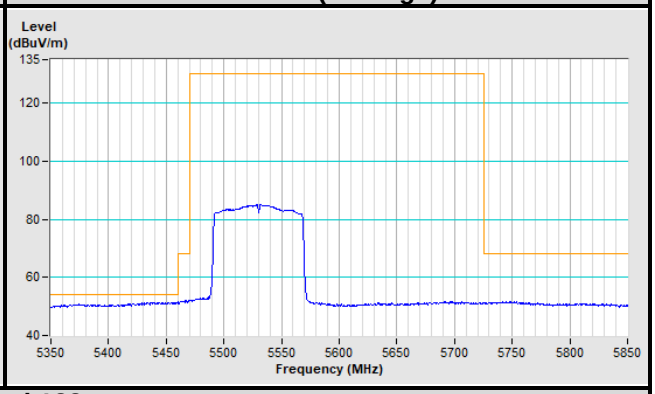
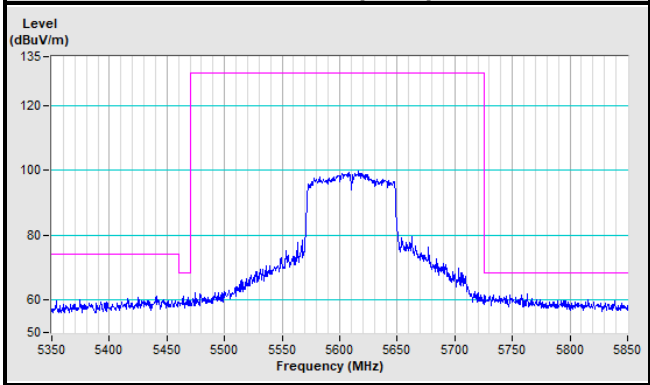
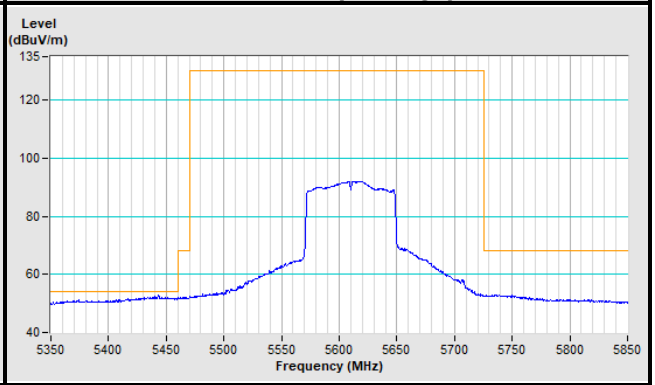
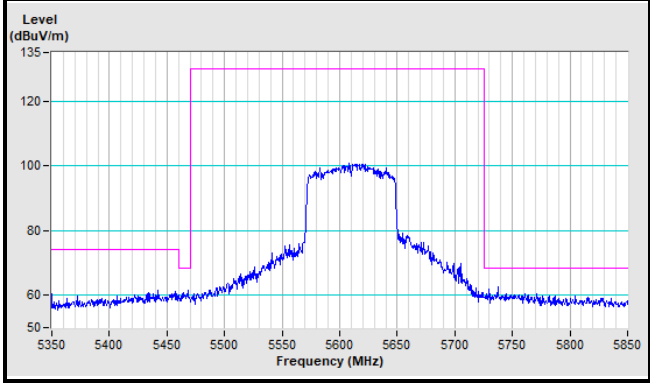
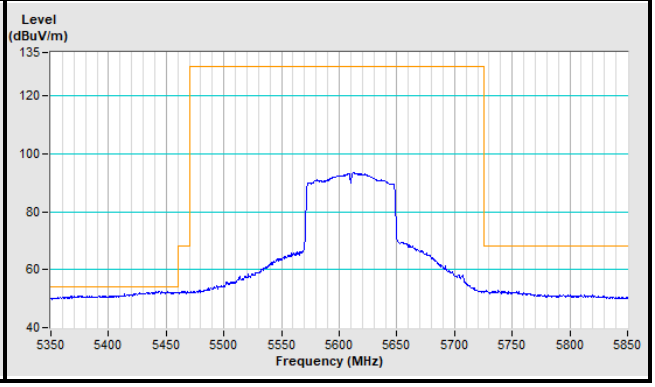


Channel 106	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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