FCC Test Report

Report No.:	RF180920C22-1
FCC ID:	A4RG020C
Model Name:	G020C
Received Date:	Sep. 21, 2018
Test Date:	Oct. 19 ~ Nov. 22, 2018
Issued Date:	Dec. 17, 2018
Applicant:	Google LLC
Address:	1600 Amphitheatre Parkway Mountain View, CA 94043, USA
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)
Test Location (1):	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)
Test Location (2):	E-2, No. 1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan (R.O.C.)
FCC Registration / Designation Number (1):	788550 / TW0003
FCC Registration / Designation Number (2):	723255 / TW2022

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RF180920C22-1	Original release	Dec. 17, 2018

1 Certificate of Conformity

Product:	Smartphone
Model Name:	G020C
Sample Status:	Identical Prototype
Applicant:	Google LLC
Test Date:	Oct. 19 ~ Nov. 22, 2018
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 : Polly Chien , **Date:** Dec. 17, 2018

Polly Chien / Specialist

Approved by : Bruce Chen , **Date:** Dec. 17, 2018

Bruce Chen / Project 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)(6)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -8.18dB at 1.00629MHz.
15.407(b) (1/2/3/4(i/ii)/6)	Radiated Emissions & Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -1.6dB at 5470.00MHz.
15.407(a)(1/2/3)	Max Average Transmit Power	Pass	Meet the requirement of limit.
---	Occupied Bandwidth Measurement	-	Reference only.
15.407(a)(1/2/3)	Peak Power Spectral Density	Pass	Meet the requirement of limit.
15.407(e)	6dB bandwidth	Pass	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(c)	Automatically Discontinue Transmission	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	No antenna connector is used.

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) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.94 dB
Radiated Emissions	30MHz ~ 1GHz	5.31 dB
	1 GHz ~ 6 GHz	3.40 dB
	6GHz ~ 18GHz	3.73 dB
	18GHz ~ 40GHz	4.11 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Smartphone
Model Name	G020C
Sample Status	Identical Prototype
Power Supply Rating	3.85Vdc (Battery) 5Vdc or 9Vdc (Adapter) 5Vdc (Host equipment)
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK
Modulation Technology	OFDM
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 300Mbps 802.11ac: up to 867Mbps
Operating Frequency	5180 ~ 5240MHz, 5260 ~ 5320MHz, 5500 ~ 5720MHz, 5745 ~ 5825MHz
Number of Channel	5180 ~ 5240MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 4 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1 5260 ~ 5320MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 4 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1 5500 ~ 5720MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 12 802.11n (HT40), 802.11ac (VHT40): 6 802.11ac (VHT80): 3 5745 ~ 5825MHz: 802.11a, 802.11n (HT20), 802.11ac (VHT20): 5 802.11n (HT40), 802.11ac (VHT40): 2 802.11ac (VHT80): 1
Output Power	5180 ~ 5240MHz: 111.568mW 5260 ~ 5320MHz: 109.656mW 5500 ~ 5720MHz: 111.952mW 5745 ~ 5825MHz: 109.414mW
Antenna Type	Refer to Note as below
Antenna Connector	Refer to Note as below
Accessory Device	Refer to Note as below
Cable Supplied	Refer to Note as below

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function
802.11a	1TX(SISO)/2TX(MIMO)
802.11n (HT20)	1TX(SISO)/2TX(MIMO)
802.11n (HT40)	1TX(SISO)/2TX(MIMO)
802.11ac (VHT20)	1TX(SISO)/2TX(MIMO)
802.11ac (VHT40)	1TX(SISO)/2TX(MIMO)
802.11ac (VHT80)	1TX(SISO)/2TX(MIMO)

* The modulation and bandwidth are similar for 802.11n mode for 20MHz/40MHz and 802.11ac mode for 20MHz/40MHz, therefore investigated worst case to representative mode in test report. (Final test mode refer section 3.2.1)

* SISO mode and MIMO mode are presented in power output test item. For other test items, MIMO mode is the worst case for final tests after pretesting.

2. There're 2 configurations for the EUT listed as below.
   - Main Sample: EUT + Battery 1
   - 2nd Sample: EUT + Battery 2

   After pre-tested with the EUT, only the worst configuration (main sample) was chosen for the final test.
3. The EUT accessories list refers to EUT Phote.pdf.
4. The following antennas were provided to the EUT.

No.	Type	Connector	Gain (dBi)			
			5.15-5.25 GHz	5.25-5.35 GHz	5.47-5.725 GHz	5.725-5.85 GHz
0	PIFA	NA	-2.2	-2.5	-3.6	-3.0
1	PIFA	NA	-0.5	-0.5	-1.2	-2.2

5. The worst configuration power mode is presented in the report as below. Please refer to SAR test report for more detail test mode.

Maximum Tune-up Power Mode				
Band		TX Antenna	WWAN Function	Body-Worn/Hotspot
WLAN	5G Band 1	Ant 0+1	WWAN-Off	Body-Worn/Hotspot
	5G Band 2	Ant 0+1	WWAN-Off	Body-Worn/Hotspot
	5G Band 3	Ant 0+1	WWAN-Off	Body-Worn/Hotspot
	5G Band 4	Ant 0+1	WWAN-Off	Body-Worn/Hotspot

3.2 Description of Test Modes

For 5180 ~ 5240MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
42	5210MHz

For 5260 ~ 5320MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
58	5290MHz

For 5500 ~ 5720MHz:

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600 MHz	144	5720 MHz

6 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	142	5710 MHz

3 channels are provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
106	5530 MHz	122	5610 MHz
138	5690 MHz		

For 5745 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

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

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency
155	5775MHz

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to				Description
	RE≥1G	RE<1G	PLC	APCM	
-	√	√	√	√	-

Where RE≥1G: Radiated Emission above 1GHz & Bandedge Measurement RE<1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission APCM: Antenna Port Conducted Measurement

Note: The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **Y-plane**.

Radiated Emission Test (Above 1GHz):

☒ 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	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
	802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	6.5
	802.11ac (VHT40)		38 to 46	38, 46	OFDM	13.5
	802.11ac (VHT80)		42	42	OFDM	29.3
-	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
	802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	6.5
	802.11ac (VHT40)		54 to 62	54, 62	OFDM	13.5
	802.11ac (VHT80)		58	58	OFDM	29.3
-	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
	802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	6.5
	802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	13.5
	802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	29.3
-	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0
	802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5
	802.11ac (VHT40)		151 to 159	151, 159	OFDM	13.5
	802.11ac (VHT80)		155	155	OFDM	29.3

Radiated Emission Test (Below 1GHz):

☒ 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	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	100	OFDM	6.0
-	802.11a	5260-5320	52 to 64		OFDM	6.0
-	802.11a	5500-5720	100 to 140		OFDM	6.0
-	802.11a	5745-5825	149 to 165		OFDM	6.0

Power Line Conducted Emission Test:

☒ 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	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	100	OFDM	6.0
-	802.11a	5260-5320	52 to 64		OFDM	6.0
-	802.11a	5500-5720	100 to 140		OFDM	6.0
-	802.11a	5745-5825	149 to 165		OFDM	6.0

Antenna Port Conducted 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	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Data Rate (Mbps)
-	802.11a	5180-5240	36 to 48	36, 40, 48	OFDM	6.0
	802.11ac (VHT20)		36 to 48	36, 40, 48	OFDM	6.5
	802.11ac (VHT40)		38 to 46	38, 46	OFDM	13.5
	802.11ac (VHT80)		42	42	OFDM	29.3
-	802.11a	5260-5320	52 to 64	52, 60, 64	OFDM	6.0
	802.11ac (VHT20)		52 to 64	52, 60, 64	OFDM	6.5
	802.11ac (VHT40)		54 to 62	54, 62	OFDM	13.5
	802.11ac (VHT80)		58	58	OFDM	29.3
-	802.11a	5500-5720	100 to 144	100, 116, 140, 144	OFDM	6.0
	802.11ac (VHT20)		100 to 144	100, 116, 140, 144	OFDM	6.5
	802.11ac (VHT40)		102 to 142	102, 110, 134, 142	OFDM	13.5
	802.11ac (VHT80)		106 to 138	106, 122, 138	OFDM	29.3
-	802.11a	5745-5825	149 to 165	149, 157, 165	OFDM	6.0
	802.11ac (VHT20)		149 to 165	149, 157, 165	OFDM	6.5
	802.11ac (VHT40)		151 to 159	151, 159	OFDM	13.5
	802.11ac (VHT80)		155	155	OFDM	29.3

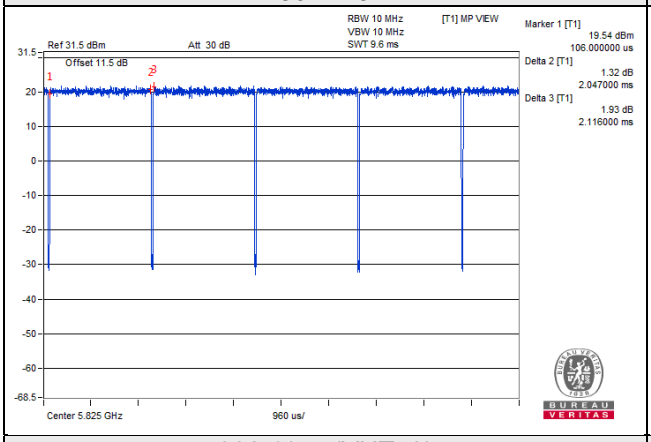
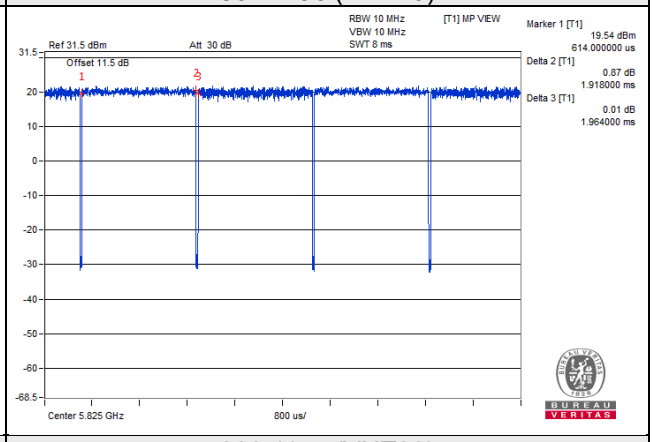
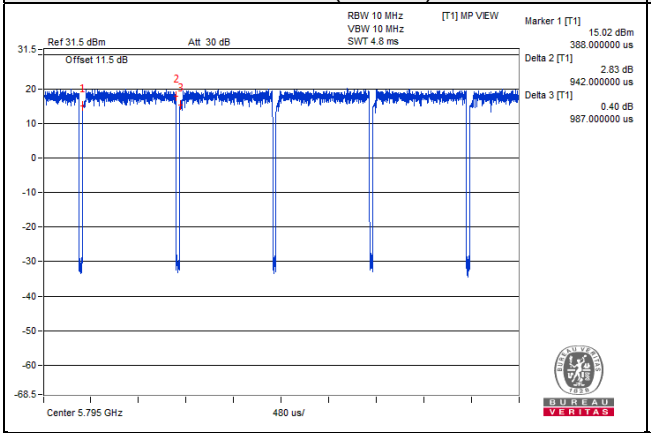
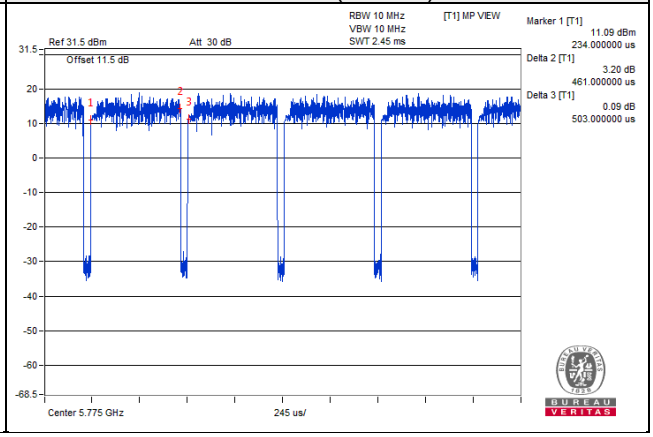
Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
RE≥1G	20 deg. C, 70% RH	120Vac, 60Hz	Rey Chen
RE<1G	24 deg. C, 71% RH	120Vac, 60Hz	Andy Ho
PLC	25 deg. C, 70% RH	120Vac, 60Hz	Jones Chang
APCM	25 deg. C, 60% RH	120Vac, 60Hz	Chris Lin

3.3 Duty Cycle of Test Signal

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

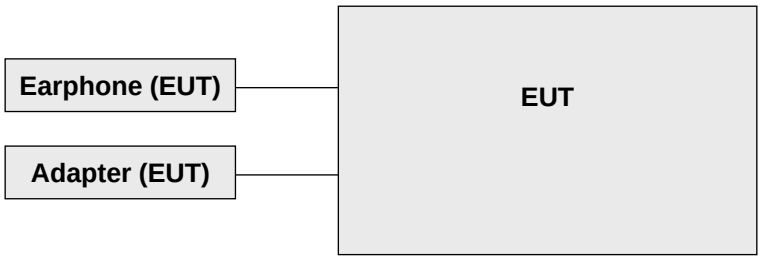
802.11a: Duty cycle = 2.047/2.116 = 0.967, Duty factor = 10 * log (1/0.967) = 0.14
802.11ac (VHT20): Duty cycle = 1.918/1.964 = 0.977, Duty factor = 10 * log (1/0.977) = 0.10
802.11ac (VHT40): Duty cycle = 0.942/0.987 = 0.954, Duty factor = 10 * log (1/0.954) = 0.20
802.11ac (VHT80): Duty cycle = 0.461/0.503 = 0.917, Duty factor = 10 * log (1/0.917) = 0.38

802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	802.11ac (VHT80)
	

3.4 Description of Support Units

The EUT has been tested as an independent unit.

3.4.1 Configuration of System under Test



3.5 General Description of Applied Standards

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

FCC Part 15, Subpart E (15.407)
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10:2013

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

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 1000MHz, 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 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

<table>
<tr><td colspan="3">Applicable To</td><td colspan="2">Limit</td></tr>
<tr><td colspan="3" rowspan="2">789033 D02 General UNII Test Procedure New Rules v02r01</td><td colspan="2">Field Strength at 3m</td></tr>
<tr><td>PK: 74 (dBμV/m)</td><td>AV: 54 (dBμV/m)</td></tr>
<tr><td>Frequency Band</td><td colspan="2">Applicable To</td><td>EIRP Limit</td><td>Equivalent Field Strength at 3m</td></tr>
<tr><td>5150~5250 MHz</td><td colspan="2">15.407(b)(1)</td><td rowspan="3">PK: -27 (dBm/MHz)</td><td rowspan="3">PK: 68.2(dBμV/m)</td></tr>
<tr><td>5250~5350 MHz</td><td colspan="2">15.407(b)(2)</td></tr>
<tr><td>5470~5725 MHz</td><td colspan="2">15.407(b)(3)</td></tr>
<tr><td rowspan="2">5725~5850 MHz</td><td>☒</td><td>15.407(b)(4)(i)</td><td>PK: -27 (dBm/MHz) *1
PK: 10 (dBm/MHz) *2
PK: 15.6 (dBm/MHz) *3
PK: 27 (dBm/MHz) *4</td><td>PK: 68.2(dBμV/m) *1
PK: 105.2 (dBμV/m) *2
PK: 110.8(dBμV/m) *3
PK: 122.2 (dBμV/m) *4</td></tr>
<tr><td>☐</td><td>15.407(b)(4)(ii)</td><td colspan="2">Emission limits in section 15.247(d)</td></tr>
<tr><td colspan="5">*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.</td></tr>
</table>

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.	Cal. Date	Cal. Due
Test Receiver Agilent	N9038A	MY50010156	July 12, 2018	July 11, 2019
Pre-Amplifier EMCI (Below 30MHz)	EMC001340	980142	Feb. 09, 2018	Feb. 08, 2019
Loop Antenna(*) Electro-Metrics (Below 30MHz)	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable (Below 30MHz)	NA	LOOPCAB-001	Jan. 15, 2018	Jan. 14, 2019
RF Cable (Below 30MHz)	NA	LOOPCAB-002	Jan. 15, 2018	Jan. 14, 2019
Pre-Amplifier Mini-Circuits (30MHz~1GHz)	ZFL-1000VH2B	AMP-ZFL-05	May 05, 2018	May 04, 2019
Trilog Broadband Antenna SCHWARZBECK (30MHz~1GHz)	VULB 9168	9168-361	Jan. 15, 2018	Jan. 14, 2019
RF Cable (30MHz~1GHz)	8D	966-3-1	Mar. 20, 2018	Mar. 19, 2019
RF Cable (30MHz~1GHz)	8D	966-3-2	Mar. 20, 2018	Mar. 19, 2019
RF Cable (30MHz~1GHz)	8D	966-3-3	Mar. 20, 2018	Mar. 19, 2019
Fixed attenuator Mini-Circuits (30MHz~1GHz)	UNAT-5+	PAD-3m-3-01	Sep. 27, 2018	Sep. 26, 2019
Horn_Antenna SCHWARZBECK (1GHz~18GHz)	BBHA9120-D	9120D-406	Jan. 15, 2018	Jan. 14, 2019
Pre-Amplifier EMCI (1GHz~18GHz)	EMC12630SE	980384	Jan. 29, 2018	Jan. 28, 2019
RF Cable (1GHz~18GHz)	EMC104-SM-SM-1200	160922	Jan. 29, 2018	Jan. 28, 2019
RF Cable (1GHz~18GHz)	EMC104-SM-SM-2000	150317	Jan. 29, 2018	Jan. 28, 2019
RF Cable (1GHz~18GHz)	EMC104-SM-SM-5000	150322	Jan. 29, 2018	Jan. 28, 2019
Spectrum Analyzer Keysight (18GHz~40GHz)	N9030A	MY54490679	July 23, 2018	July 22, 2019
Pre-Amplifier EMCI (18GHz~40GHz)	EMC184045SE	980386	Jan. 29, 2018	Jan. 28, 2019
Horn_Antenna SCHWARZBECK (18GHz~40GHz)	BBHA 9170	BBHA9170519	Jan. 15, 2018	Jan. 14, 2019
RF Cable (18GHz~40GHz)	EMC102-KM-KM-1200	160924	Jan. 29, 2018	Jan. 28, 2019
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture (1GHz~18GHz)	FBA-01	FBA-SIP01	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months (24 months for Loop Antenna) and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in Hsinchu 966 Chamber No. 3.
4. The Industry Canada Reference No. 20331-1.

4.1.3 Test Procedures

For Radiated emission below 30MHz

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 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) 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 detect 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 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.

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 1GHz.

3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.

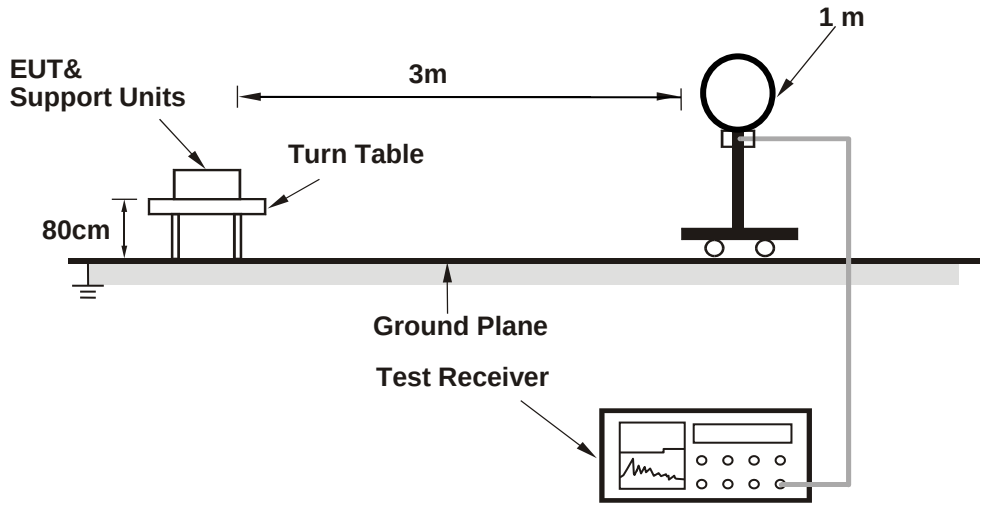
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

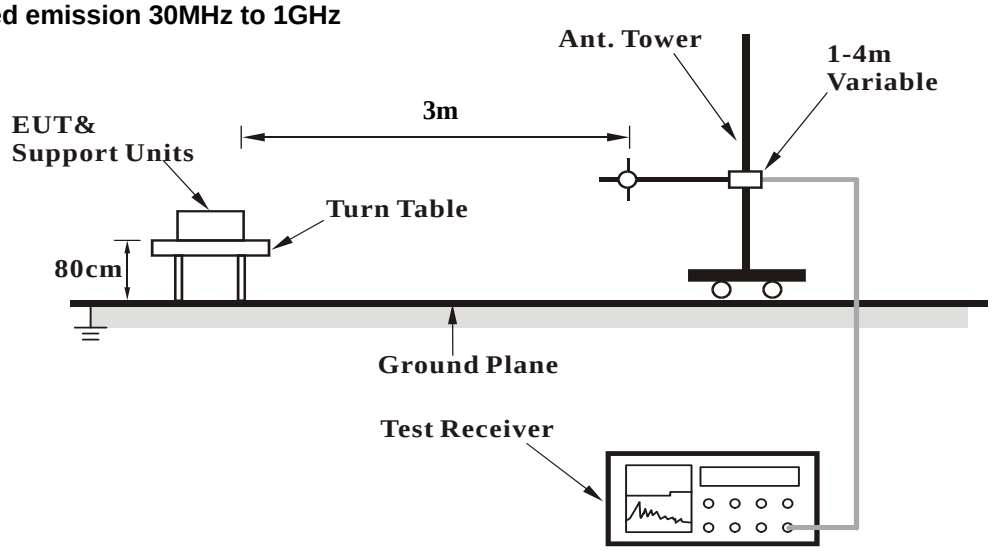
No deviation.

4.1.5 Test Setup

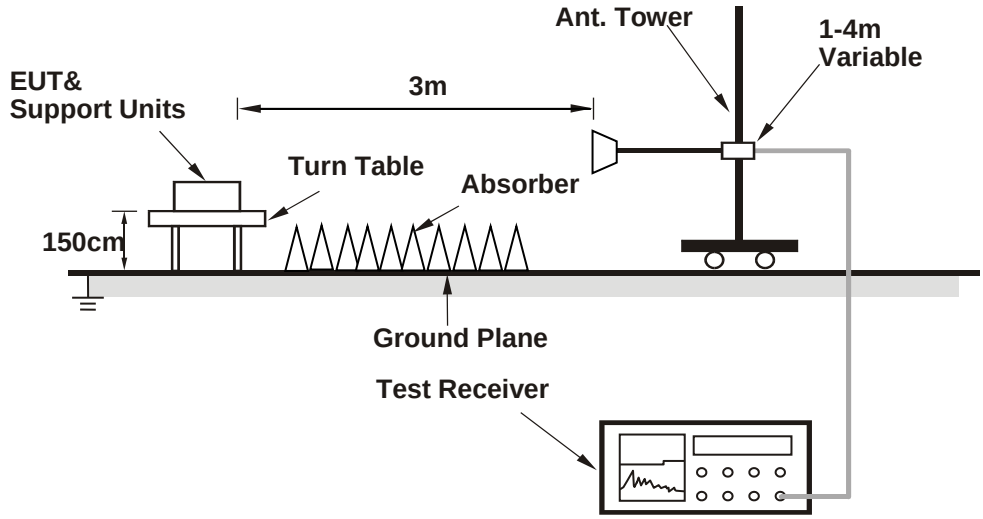
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

Test Mode	DutyCycle (%)	RBW (PK)	VBW (PK)	RBW (AV)	VBW (AV)
802.11a	96.7	1MHz	3MHz	1MHz	1kHz
802.11ac (VHT20)	96.4	1MHz	3MHz	1MHz	1kHz
802.11ac (VHT40)	95.4	1MHz	3MHz	1MHz	3kHz
802.11ac (VHT80)	91.7	1MHz	3MHz	1MHz	3kHz

4.1.6 EUT Operating Conditions

a. Set the EUT under transmission condition continuously at specific channel frequency.

4.1.7 Test Results for Fundamental and Harmonic above 1GHz

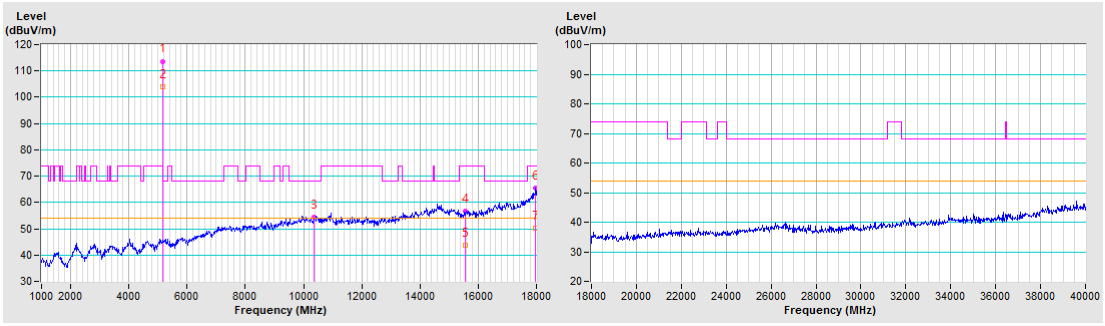
802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5180.00	113.7 PK			1.42 H	187	111.2	2.5
2	*5180.00	103.8 AV			1.42 H	187	101.3	2.5
3	#10360.00	54.5 PK	68.2	-13.7	2.07 H	155	42.6	11.9
4	15540.00	56.8 PK	74.0	-17.2	1.43 H	177	44.4	12.4
5	15540.00	43.6 AV	54.0	-10.4	1.43 H	177	31.2	12.4
6	17957.08	65.4 PK	74.0	-8.6	1.43 H	255	44.2	21.2
7	17957.08	50.3 AV	54.0	-3.7	1.43 H	255	29.1	21.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

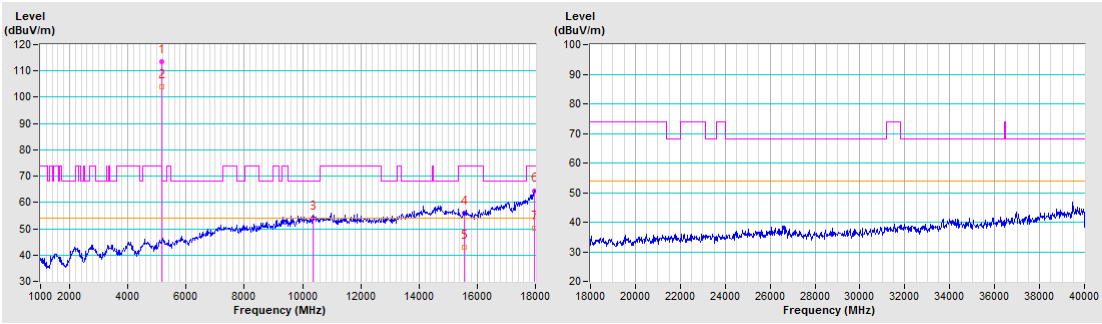


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5180.00	113.5 PK			3.12 V	161	111.0	2.5
2	*5180.00	103.9 AV			3.12 V	161	101.4	2.5
3	#10360.00	53.9 PK	68.2	-14.3	1.42 V	217	42.0	11.9
4	15540.00	56.0 PK	74.0	-18.0	1.98 V	156	43.6	12.4
5	15540.00	43.1 AV	54.0	-10.9	1.98 V	156	30.7	12.4
6	17957.92	64.5 PK	74.0	-9.5	2.17 V	145	43.3	21.2
7	17957.92	50.3 AV	54.0	-3.7	2.17 V	145	29.1	21.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

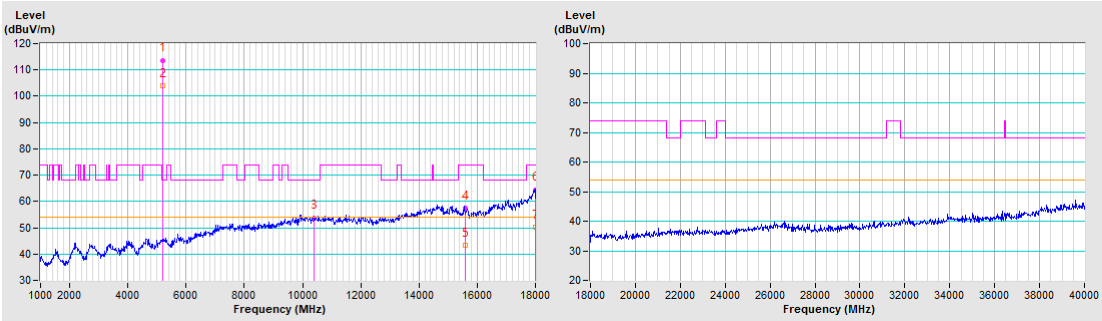


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.7 PK			1.15 H	185	111.3	2.4
2	*5200.00	103.9 AV			1.15 H	185	101.5	2.4
3	#10400.00	53.8 PK	68.2	-14.4	2.10 H	168	41.6	12.2
4	15600.00	57.6 PK	74.0	-16.4	1.40 H	192	44.7	12.9
5	15600.00	43.4 AV	54.0	-10.6	1.40 H	192	30.5	12.9
6	17997.03	64.5 PK	74.0	-9.5	1.64 H	98	42.6	21.9
7	17997.03	50.1 AV	54.0	-3.9	1.64 H	98	28.2	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

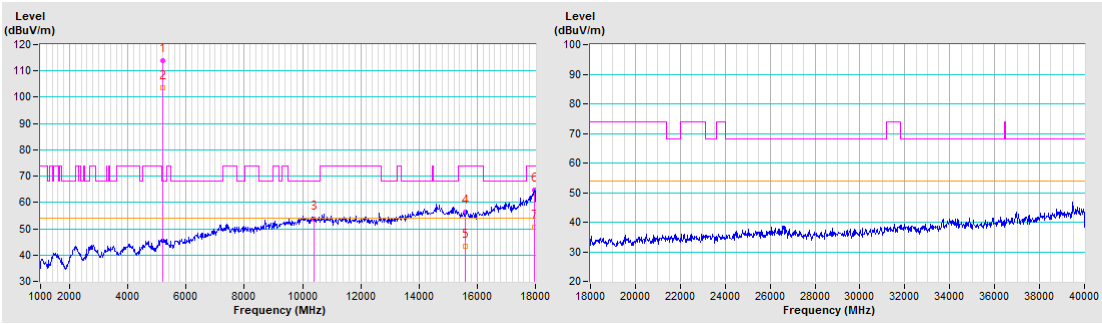


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	113.9 PK			3.08 V	159	111.5	2.4
2	*5200.00	103.6 AV			3.08 V	159	101.2	2.4
3	#10400.00	53.8 PK	68.2	-14.4	1.44 V	227	41.6	12.2
4	15600.00	56.2 PK	74.0	-17.8	1.97 V	159	43.3	12.9
5	15600.00	43.2 AV	54.0	-10.8	1.97 V	159	30.3	12.9
6	17981.72	64.6 PK	74.0	-9.4	2.09 V	302	43.0	21.6
7	17981.72	50.6 AV	54.0	-3.4	2.09 V	302	29.0	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

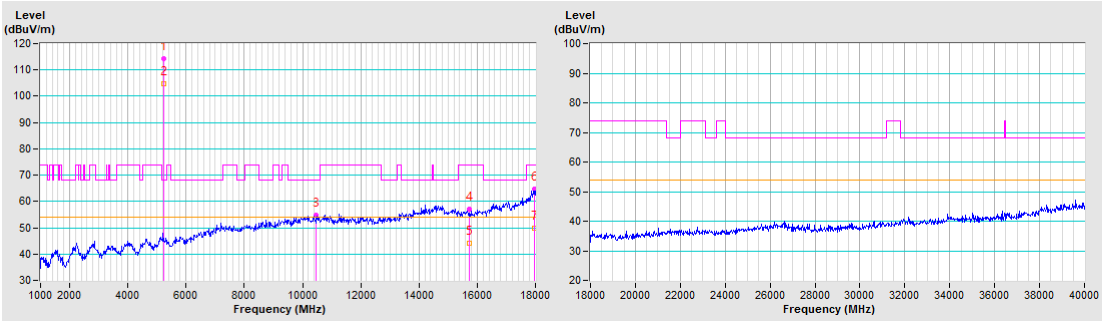


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	114.4 PK			1.27 H	186	112.2	2.2
2	*5240.00	104.7 AV			1.27 H	186	102.5	2.2
3	#10480.00	54.9 PK	68.2	-13.3	2.04 H	164	42.5	12.4
4	15720.00	57.2 PK	74.0	-16.8	1.41 H	190	45.2	12.0
5	15720.00	44.0 AV	54.0	-10.0	1.41 H	190	32.0	12.0
6	17980.03	64.6 PK	74.0	-9.4	1.65 H	147	43.1	21.5
7	17980.03	49.9 AV	54.0	-4.1	1.65 H	147	28.4	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

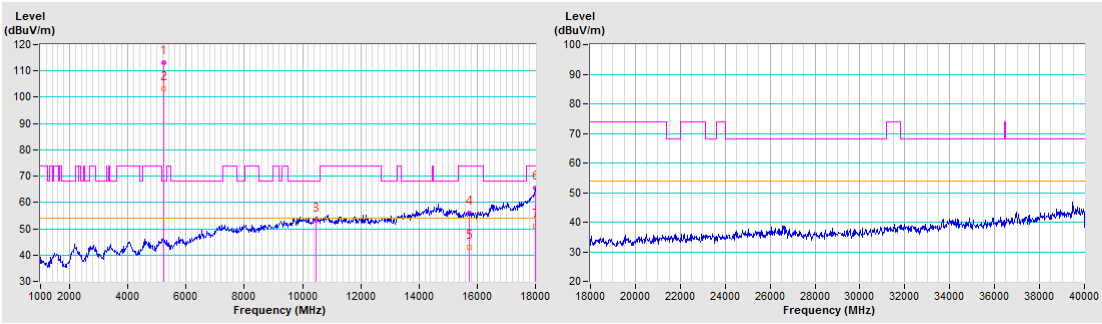


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	113.2 PK			3.12 V	167	111.0	2.2
2	*5240.00	103.3 AV			3.12 V	167	101.1	2.2
3	#10480.00	53.4 PK	68.2	-14.8	1.40 V	224	41.0	12.4
4	15720.00	55.8 PK	74.0	-18.2	1.92 V	142	43.8	12.0
5	15720.00	43.0 AV	54.0	-11.0	1.92 V	142	31.0	12.0
6	17999.15	65.3 PK	74.0	-8.7	1.89 V	143	43.4	21.9
7	17999.15	50.8 AV	54.0	-3.2	1.89 V	143	28.9	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

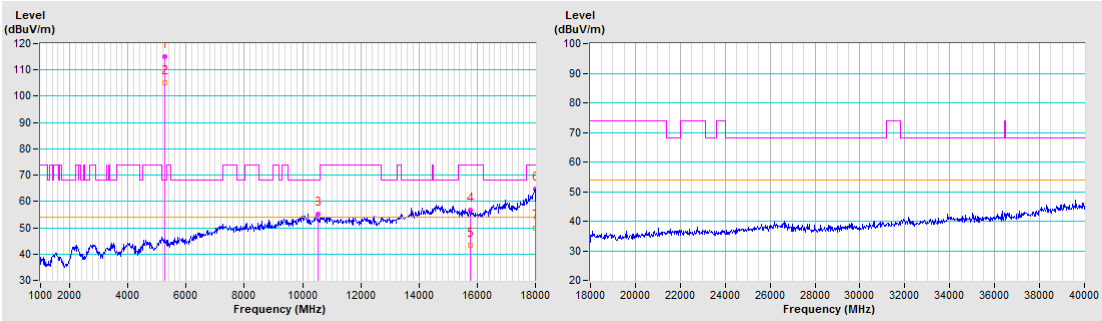


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	114.9 PK			1.24 H	185	112.8	2.1
2	*5260.00	105.0 AV			1.24 H	185	102.9	2.1
3	#10520.00	55.0 PK	68.2	-13.2	2.05 H	168	42.6	12.4
4	15780.00	56.8 PK	74.0	-17.2	1.43 H	187	45.3	11.5
5	15780.00	43.4 AV	54.0	-10.6	1.43 H	187	31.9	11.5
6	17992.35	64.6 PK	74.0	-9.4	1.97 H	222	42.8	21.8
7	17992.35	50.0 AV	54.0	-4.0	1.97 H	222	28.2	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

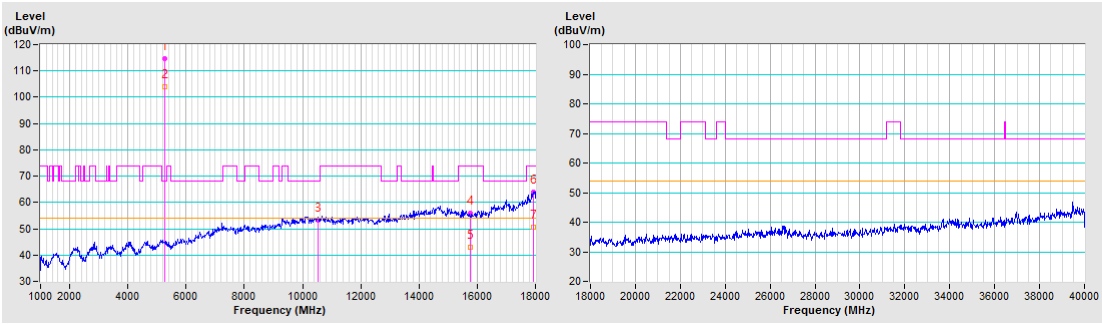


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	114.6 PK			2.93 V	167	112.5	2.1
2	*5260.00	104.1 AV			2.93 V	167	102.0	2.1
3	#10520.00	53.1 PK	68.2	-15.1	1.47 V	216	40.7	12.4
4	15780.00	55.9 PK	74.0	-18.1	1.98 V	167	44.4	11.5
5	15780.00	43.1 AV	54.0	-10.9	1.98 V	167	31.6	11.5
6	17938.37	63.9 PK	74.0	-10.1	1.95 V	115	43.1	20.8
7	17938.37	50.7 AV	54.0	-3.3	1.95 V	115	29.9	20.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

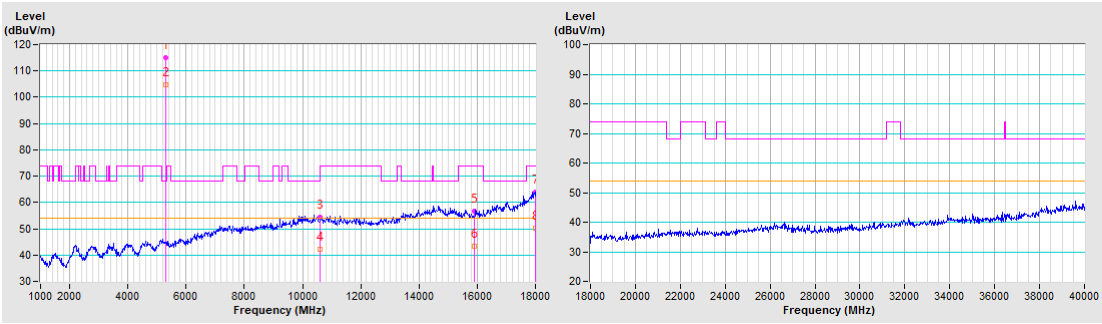


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.0 PK			1.38 H	197	112.8	2.2
2	*5300.00	104.7 AV			1.38 H	197	102.5	2.2
3	10600.00	54.5 PK	74.0	-19.5	2.03 H	158	42.8	11.7
4	10600.00	42.2 AV	54.0	-11.8	2.03 H	158	30.5	11.7
5	15900.00	56.7 PK	74.0	-17.3	1.41 H	166	45.5	11.2
6	15900.00	43.3 AV	54.0	-10.7	1.41 H	166	32.1	11.2
7	17998.72	64.0 PK	74.0	-10.0	1.64 H	98	42.1	21.9
8	17998.72	50.2 AV	54.0	-3.8	1.64 H	98	28.3	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

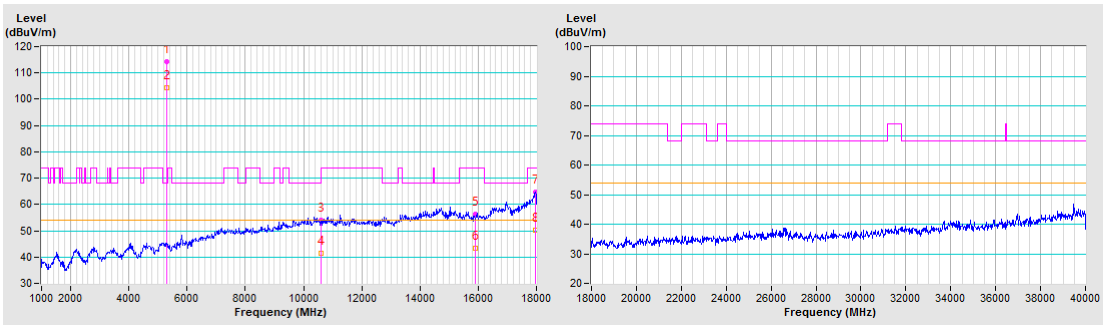


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	114.3 PK			2.91 V	170	112.1	2.2
2	*5300.00	104.4 AV			2.91 V	170	102.2	2.2
3	10600.00	54.1 PK	74.0	-19.9	1.43 V	202	42.4	11.7
4	10600.00	41.4 AV	54.0	-12.6	1.43 V	202	29.7	11.7
5	15900.00	56.3 PK	74.0	-17.7	1.92 V	165	45.1	11.2
6	15900.00	43.2 AV	54.0	-10.8	1.92 V	165	32.0	11.2
7	17966.00	64.7 PK	74.0	-9.3	1.99 V	191	43.4	21.3
8	17966.00	50.2 AV	54.0	-3.8	1.99 V	191	28.9	21.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

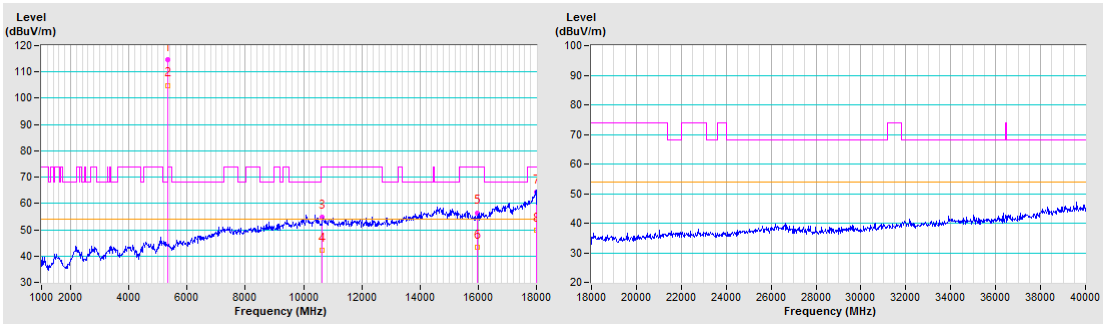


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	114.7 PK			1.27 H	181	112.4	2.3
2	*5320.00	104.9 AV			1.27 H	181	102.6	2.3
3	10640.00	54.7 PK	74.0	-19.3	2.10 H	149	43.0	11.7
4	10640.00	42.1 AV	54.0	-11.9	2.10 H	149	30.4	11.7
5	15960.00	56.5 PK	74.0	-17.5	1.42 H	177	45.1	11.4
6	15960.00	43.2 AV	54.0	-10.8	1.42 H	177	31.8	11.4
7	17997.87	64.3 PK	74.0	-9.7	1.56 H	317	42.4	21.9
8	17997.87	49.9 AV	54.0	-4.1	1.56 H	317	28.0	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

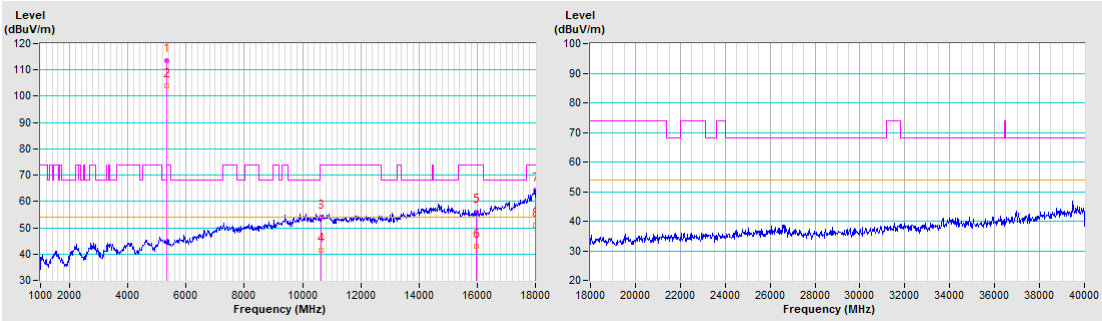


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	113.6 PK			2.97 V	182	111.3	2.3
2	*5320.00	104.1 AV			2.97 V	182	101.8	2.3
3	10640.00	53.9 PK	74.0	-20.1	1.43 V	208	42.2	11.7
4	10640.00	41.3 AV	54.0	-12.7	1.43 V	208	29.6	11.7
5	15960.00	56.1 PK	74.0	-17.9	1.95 V	170	44.7	11.4
6	15960.00	43.0 AV	54.0	-11.0	1.95 V	170	31.6	11.4
7	17994.05	64.4 PK	74.0	-9.6	1.97 V	306	42.6	21.8
8	17994.05	50.8 AV	54.0	-3.2	1.97 V	306	29.0	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

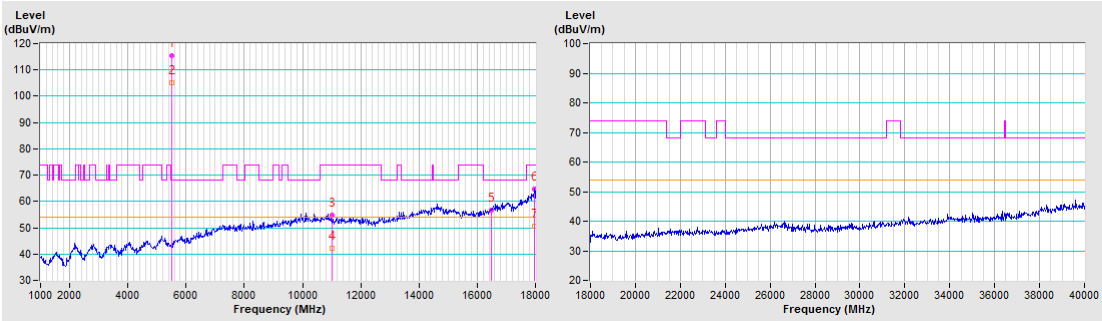


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5500.00	115.4 PK			1.38 H	185	112.9	2.5
2	*5500.00	105.1 AV			1.38 H	185	102.6	2.5
3	11000.00	54.6 PK	74.0	-19.4	2.12 H	151	42.4	12.2
4	11000.00	42.1 AV	54.0	-11.9	2.12 H	151	29.9	12.2
5	#16500.00	56.8 PK	68.2	-11.4	1.38 H	181	43.1	13.7
6	17971.53	64.8 PK	74.0	-9.2	1.68 H	17	43.4	21.4
7	17971.53	50.5 AV	54.0	-3.5	1.68 H	17	29.1	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

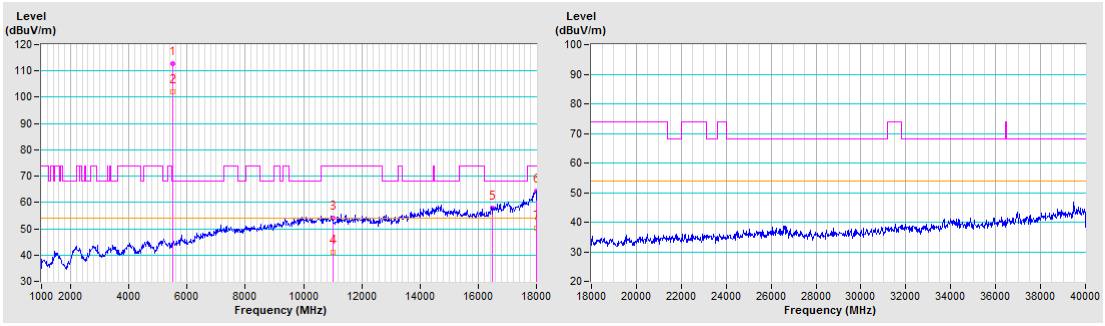


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5500.00	112.7 PK			3.29 V	289	110.2	2.5
2	*5500.00	102.1 AV			3.29 V	289	99.6	2.5
3	11000.00	53.9 PK	74.0	-20.1	1.37 V	229	41.7	12.2
4	11000.00	41.2 AV	54.0	-12.8	1.37 V	229	29.0	12.2
5	#16500.00	57.9 PK	68.2	-10.3	1.97 V	144	44.2	13.7
6	17991.92	64.2 PK	74.0	-9.8	1.95 V	256	42.4	21.8
7	17991.92	50.3 AV	54.0	-3.7	1.95 V	256	28.5	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

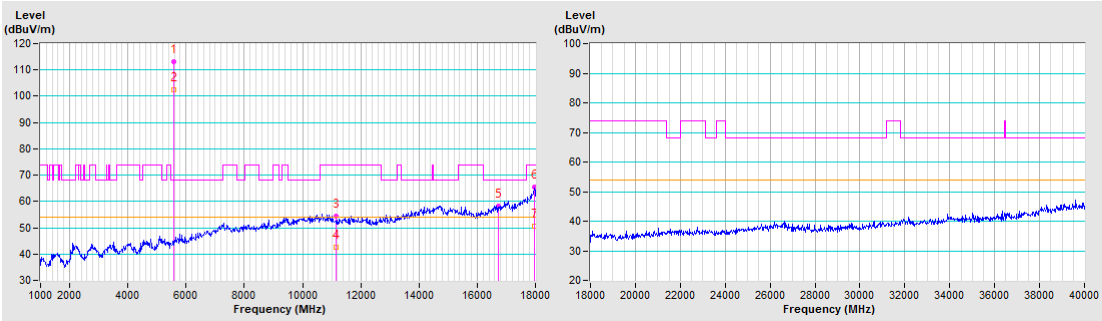


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	113.2 PK			1.31 H	183	110.4	2.8
2	*5580.00	102.6 AV			1.31 H	183	99.8	2.8
3	11160.00	54.4 PK	74.0	-19.6	2.07 H	141	42.4	12.0
4	11160.00	42.5 AV	54.0	-11.5	2.07 H	141	30.5	12.0
5	#16740.00	58.2 PK	68.2	-10.0	1.38 H	178	44.0	14.2
6	17957.08	65.3 PK	74.0	-8.7	1.47 H	351	44.1	21.2
7	17957.08	50.7 AV	54.0	-3.3	1.47 H	351	29.5	21.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

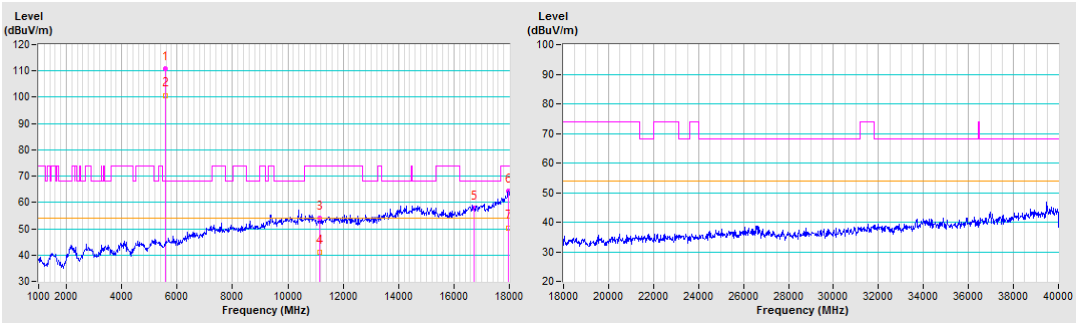


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	110.8 PK			2.61 V	168	108.0	2.8
2	*5580.00	100.7 AV			2.61 V	168	97.9	2.8
3	11160.00	53.9 PK	74.0	-20.1	1.37 V	229	41.9	12.0
4	11160.00	41.2 AV	54.0	-12.8	1.37 V	229	29.2	12.0
5	#16740.00	57.9 PK	68.2	-10.3	1.97 V	144	43.7	14.2
6	17974.92	64.4 PK	74.0	-9.6	2.11 V	143	42.9	21.5
7	17974.92	50.4 AV	54.0	-3.6	2.11 V	143	28.9	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

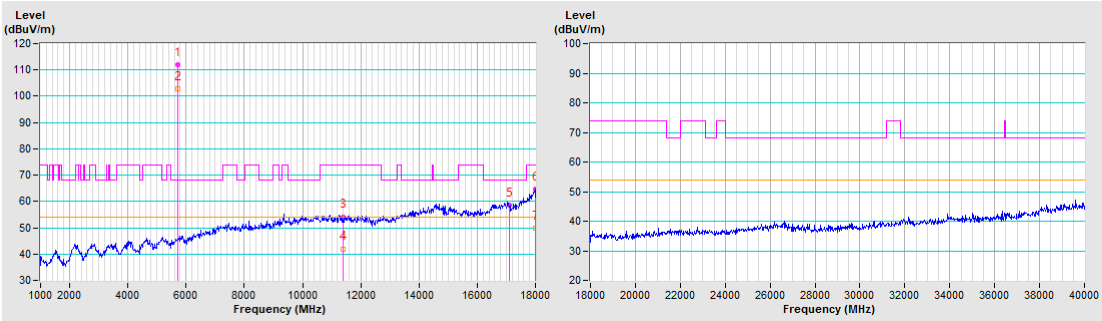


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	112.1 PK			1.57 H	185	109.2	2.9
2	*5700.00	102.7 AV			1.57 H	185	99.8	2.9
3	11400.00	54.2 PK	74.0	-19.8	2.01 H	159	41.2	13.0
4	11400.00	42.0 AV	54.0	-12.0	2.01 H	159	29.0	13.0
5	#17100.00	58.7 PK	68.2	-9.5	1.48 H	175	42.6	16.1
6	17988.10	64.6 PK	74.0	-9.4	1.43 H	168	42.9	21.7
7	17988.10	49.8 AV	54.0	-4.2	1.43 H	168	28.1	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

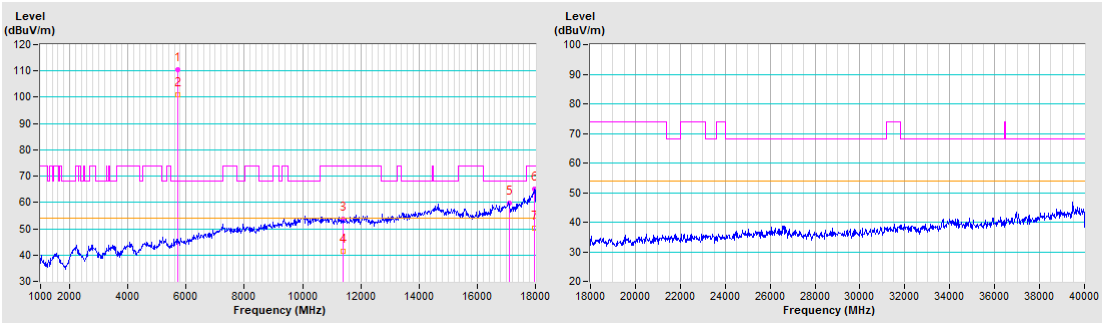


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.5 PK			2.67 V	159	107.6	2.9
2	*5700.00	101.0 AV			2.67 V	159	98.1	2.9
3	11400.00	53.6 PK	74.0	-20.4	1.37 V	218	40.6	13.0
4	11400.00	41.3 AV	54.0	-12.7	1.37 V	218	28.3	13.0
5	#17100.00	59.7 PK	68.2	-8.5	1.97 V	156	43.6	16.1
6	17969.83	65.0 PK	74.0	-9.0	2.14 V	98	43.6	21.4
7	17969.83	50.1 AV	54.0	-3.9	2.14 V	98	28.7	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

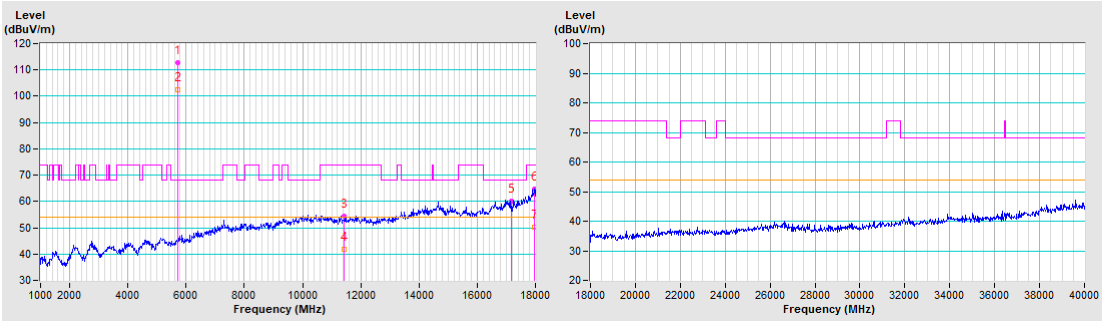


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	112.9 PK			1.32 H	183	110.0	2.9
2	*5720.00	102.6 AV			1.32 H	183	99.7	2.9
3	11440.00	54.4 PK	74.0	-19.6	2.03 H	142	41.7	12.7
4	11440.00	41.9 AV	54.0	-12.1	2.03 H	142	29.2	12.7
5	#17160.00	60.2 PK	68.2	-8.0	1.46 H	164	44.6	15.6
6	17972.80	64.7 PK	74.0	-9.3	1.49 H	217	43.3	21.4
7	17972.80	50.3 AV	54.0	-3.7	1.49 H	217	28.9	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

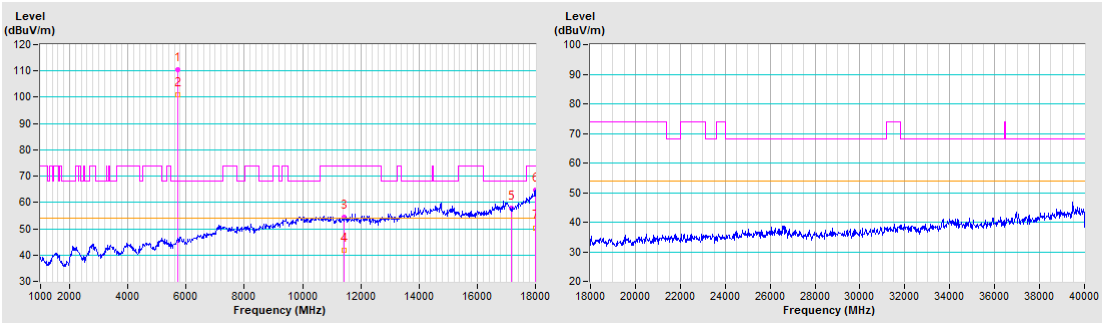


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	110.4 PK			2.48 V	168	107.5	2.9
2	*5720.00	100.8 AV			2.48 V	168	97.9	2.9
3	11440.00	54.5 PK	74.0	-19.5	1.40 V	211	41.8	12.7
4	11440.00	41.8 AV	54.0	-12.2	1.40 V	211	29.1	12.7
5	#17160.00	57.7 PK	68.2	-10.5	2.01 V	167	42.1	15.6
6	17993.62	64.6 PK	74.0	-9.4	1.97 V	145	42.8	21.8
7	17993.62	50.4 AV	54.0	-3.6	1.97 V	145	28.6	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

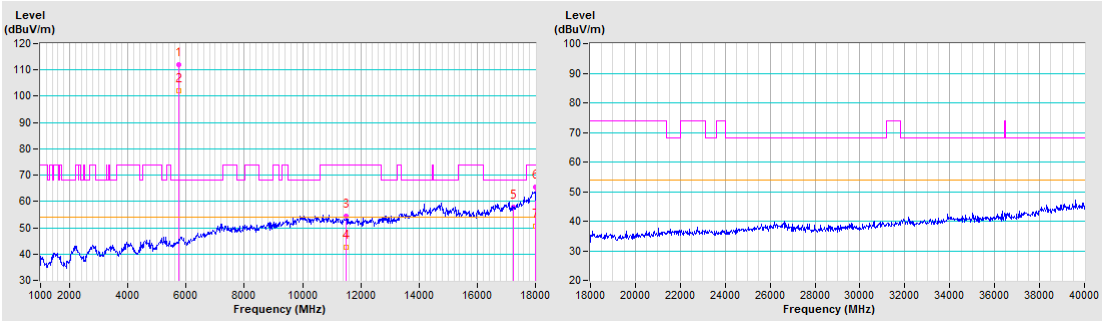


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	111.9 PK			1.45 H	188	109.0	2.9
2	*5745.00	102.2 AV			1.45 H	188	99.3	2.9
3	11490.00	54.3 PK	74.0	-19.7	1.65 H	217	42.0	12.3
4	11490.00	42.5 AV	54.0	-11.5	1.65 H	217	30.2	12.3
5	#17235.00	57.9 PK	68.2	-10.3	1.77 H	102	42.6	15.3
6	17988.95	65.4 PK	74.0	-8.6	1.43 H	301	43.7	21.7
7	17988.95	50.5 AV	54.0	-3.5	1.43 H	301	28.8	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

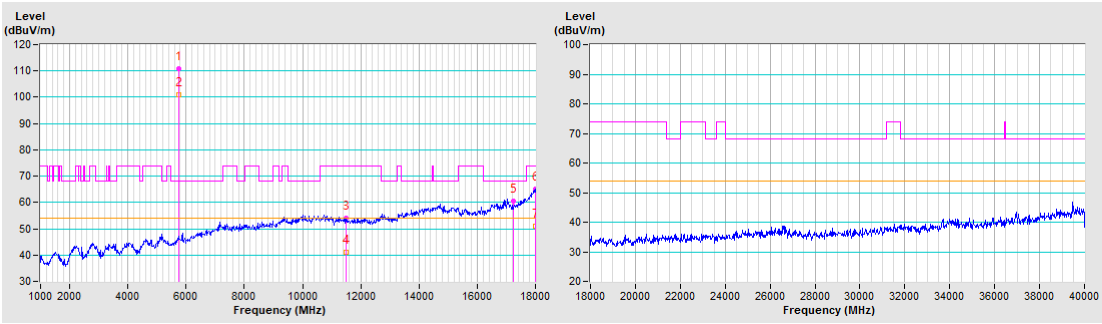


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.7 PK			2.58 V	169	107.8	2.9
2	*5745.00	100.9 AV			2.58 V	169	98.0	2.9
3	11490.00	54.1 PK	74.0	-19.9	2.68 V	160	41.8	12.3
4	11490.00	41.0 AV	54.0	-13.0	2.68 V	160	28.7	12.3
5	#17235.00	60.4 PK	68.2	-7.8	2.01 V	242	45.1	15.3
6	17989.80	64.9 PK	74.0	-9.1	1.45 V	301	43.1	21.8
7	17989.80	50.9 AV	54.0	-3.1	1.45 V	301	29.1	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

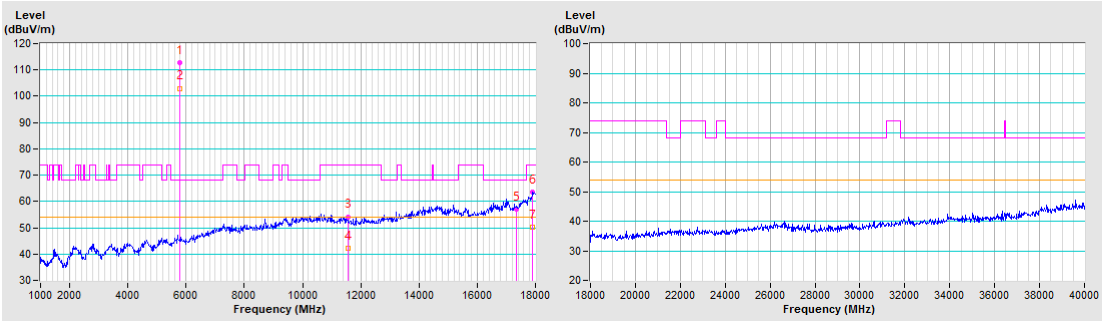


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	112.6 PK			1.45 H	184	109.5	3.1
2	*5785.00	103.0 AV			1.45 H	184	99.9	3.1
3	11570.00	54.2 PK	74.0	-19.8	1.68 H	228	41.8	12.4
4	11570.00	42.3 AV	54.0	-11.7	1.68 H	228	29.9	12.4
5	#17355.00	57.2 PK	68.2	-11.0	1.75 H	113	41.2	16.0
6	17912.87	63.5 PK	74.0	-10.5	1.43 H	301	43.2	20.3
7	17912.87	50.3 AV	54.0	-3.7	1.43 H	301	30.0	20.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

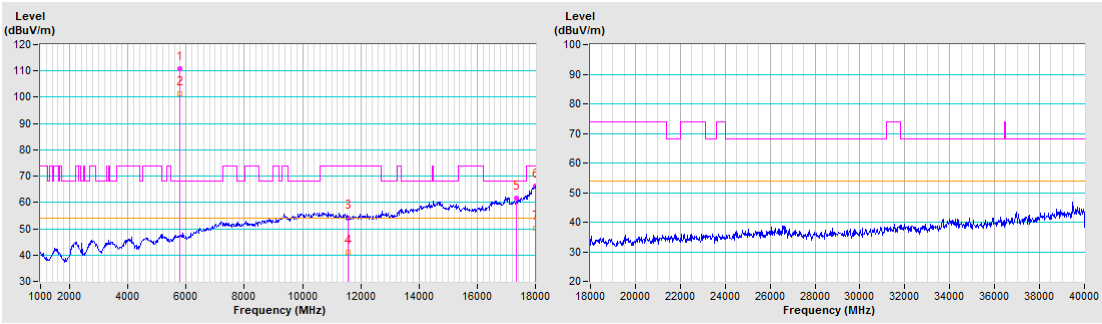


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.9 PK			2.54 V	170	107.8	3.1
2	*5785.00	101.4 AV			2.54 V	170	98.3	3.1
3	11570.00	54.2 PK	74.0	-19.8	2.80 V	141	41.8	12.4
4	11570.00	41.2 AV	54.0	-12.8	2.80 V	141	28.8	12.4
5	#17355.00	61.8 PK	68.2	-6.4	2.07 V	239	45.8	16.0
6	17994.47	66.1 PK	74.0	-7.9	1.39 V	261	44.3	21.8
7	17994.47	50.3 AV	54.0	-3.7	1.39 V	261	28.5	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

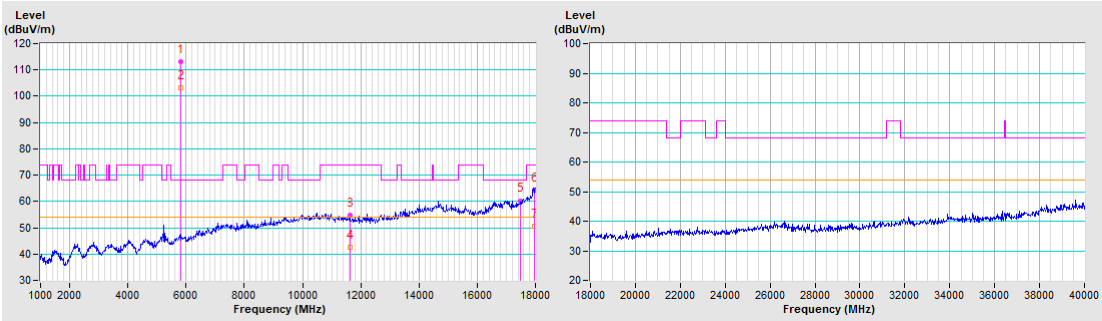


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	113.2 PK			1.50 H	182	110.0	3.2
2	*5825.00	103.3 AV			1.50 H	182	100.1	3.2
3	11650.00	54.7 PK	74.0	-19.3	1.63 H	221	42.3	12.4
4	11650.00	42.7 AV	54.0	-11.3	1.63 H	221	30.3	12.4
5	#17475.00	60.3 PK	68.2	-7.9	1.73 H	102	42.9	17.4
6	17980.87	64.2 PK	74.0	-9.8	1.39 H	277	42.6	21.6
7	17980.87	50.5 AV	54.0	-3.5	1.39 H	277	28.9	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

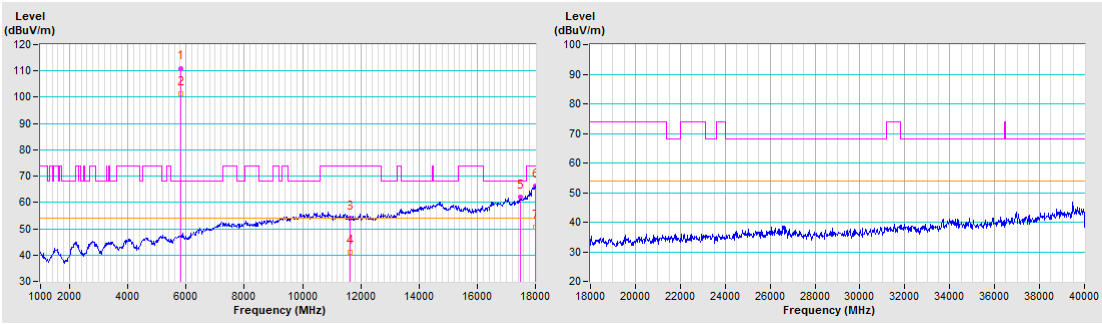


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	111.0 PK			2.77 V	168	107.8	3.2
2	*5825.00	101.3 AV			2.77 V	168	98.1	3.2
3	11650.00	54.0 PK	74.0	-20.0	2.72 V	144	41.6	12.4
4	11650.00	41.1 AV	54.0	-12.9	2.72 V	144	28.7	12.4
5	#17475.00	61.9 PK	68.2	-6.3	2.06 V	237	44.5	17.4
6	17983.42	66.1 PK	74.0	-7.9	1.37 V	251	44.5	21.6
7	17983.42	50.6 AV	54.0	-3.4	1.37 V	251	29.0	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.



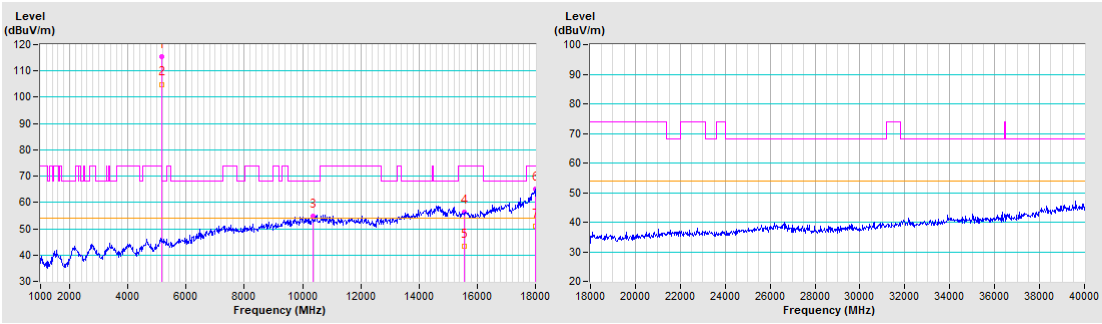
802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5180.00	115.3 PK			1.35 H	187	112.8	2.5
2	*5180.00	104.9 AV			1.35 H	187	102.4	2.5
3	#10360.00	54.7 PK	68.2	-13.5	2.02 H	144	42.8	11.9
4	15540.00	56.3 PK	74.0	-17.7	1.47 H	167	43.9	12.4
5	15540.00	43.4 AV	54.0	-10.6	1.47 H	167	31.0	12.4
6	17994.90	65.1 PK	74.0	-8.9	1.46 H	143	43.3	21.8
7	17994.90	51.1 AV	54.0	-2.9	1.46 H	143	29.3	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

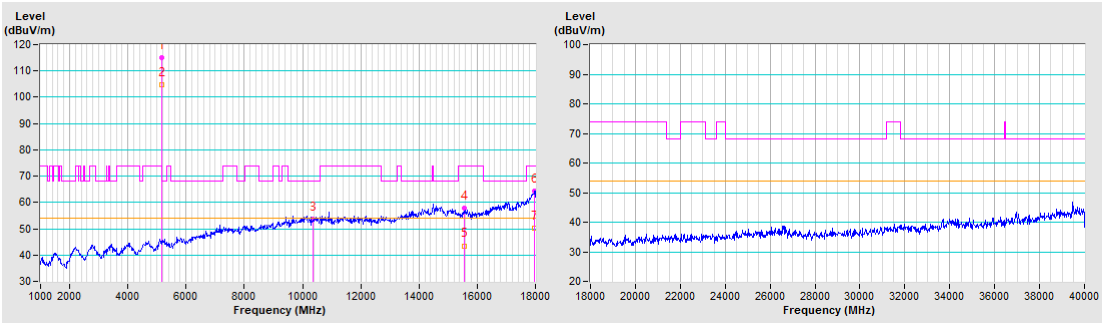


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5180.00	114.9 PK			2.92 V	158	112.4	2.5
2	*5180.00	104.7 AV			2.92 V	158	102.2	2.5
3	#10360.00	53.5 PK	68.2	-14.7	1.46 V	208	41.6	11.9
4	15540.00	57.8 PK	74.0	-16.2	1.95 V	146	45.4	12.4
5	15540.00	43.5 AV	54.0	-10.5	1.95 V	146	31.1	12.4
6	17970.25	64.2 PK	74.0	-9.8	2.07 V	54	42.8	21.4
7	17970.25	50.3 AV	54.0	-3.7	2.07 V	54	28.9	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

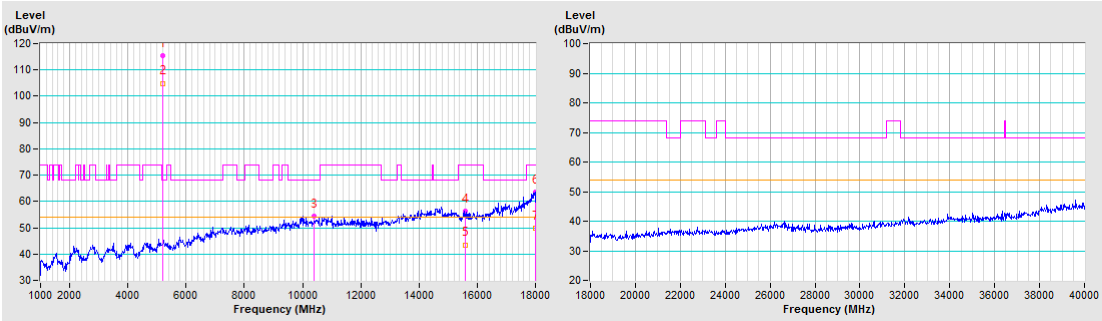


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	115.3 PK			1.39 H	197	112.9	2.4
2	*5200.00	104.9 AV			1.39 H	197	102.5	2.4
3	#10400.00	54.5 PK	68.2	-13.7	2.10 H	163	42.3	12.2
4	15600.00	56.4 PK	74.0	-17.6	1.45 H	171	43.5	12.9
5	15600.00	43.5 AV	54.0	-10.5	1.45 H	171	30.6	12.9
6	17990.22	63.4 PK	74.0	-10.6	1.46 H	311	41.6	21.8
7	17990.22	49.9 AV	54.0	-4.1	1.46 H	311	28.1	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

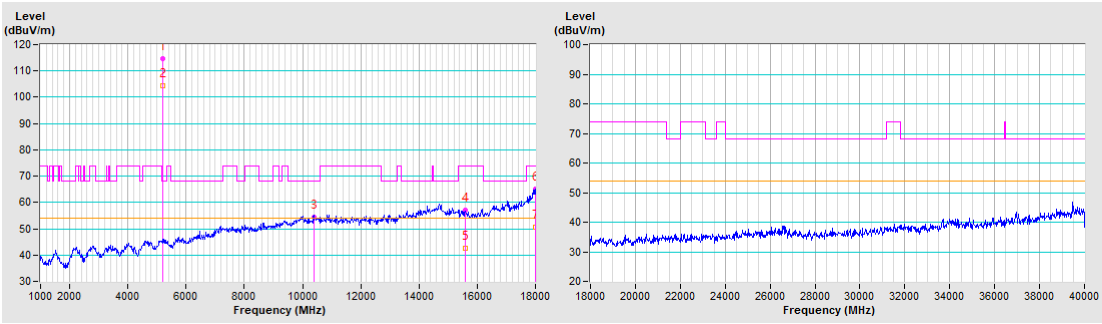


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5200.00	114.6 PK			2.89 V	162	112.2	2.4
2	*5200.00	104.2 AV			2.89 V	162	101.8	2.4
3	#10400.00	54.3 PK	68.2	-13.9	1.40 V	214	42.1	12.2
4	15600.00	57.0 PK	74.0	-17.0	2.00 V	158	44.1	12.9
5	15600.00	42.7 AV	54.0	-11.3	2.00 V	158	29.8	12.9
6	17996.60	64.9 PK	74.0	-9.1	1.95 V	177	43.0	21.9
7	17996.60	50.6 AV	54.0	-3.4	1.95 V	177	28.7	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

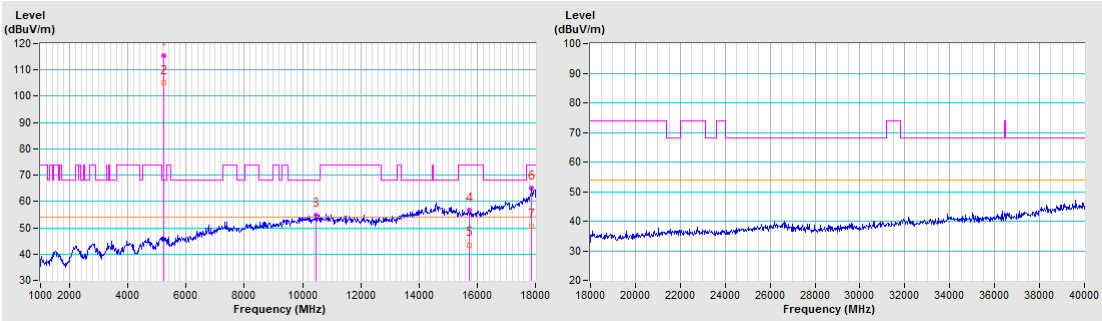


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	115.6 PK			1.40 H	194	113.4	2.2
2	*5240.00	105.0 AV			1.40 H	194	102.8	2.2
3	#10480.00	54.6 PK	68.2	-13.6	2.05 H	142	42.2	12.4
4	15720.00	56.8 PK	74.0	-17.2	1.42 H	184	44.8	12.0
5	15720.00	43.5 AV	54.0	-10.5	1.42 H	184	31.5	12.0
6	17877.60	65.0 PK	74.0	-9.0	1.39 H	157	45.2	19.8
7	17877.60	50.7 AV	54.0	-3.3	1.39 H	157	30.9	19.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

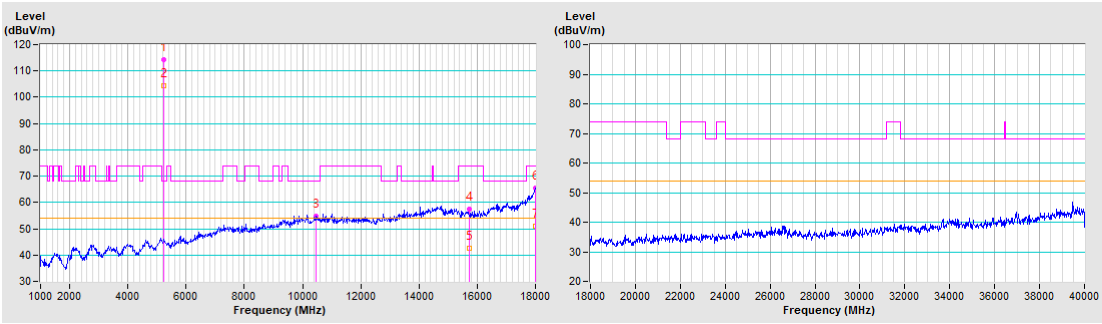


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	114.2 PK			2.95 V	143	112.0	2.2
2	*5240.00	104.2 AV			2.95 V	143	102.0	2.2
3	#10480.00	54.6 PK	68.2	-13.6	1.37 V	218	42.2	12.4
4	15720.00	57.6 PK	74.0	-16.4	2.03 V	147	45.6	12.0
5	15720.00	42.6 AV	54.0	-11.4	2.03 V	147	30.6	12.0
6	18000.00	65.5 PK	74.0	-8.5	1.98 V	89	43.6	21.9
7	18000.00	50.8 AV	54.0	-3.2	1.98 V	89	28.9	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

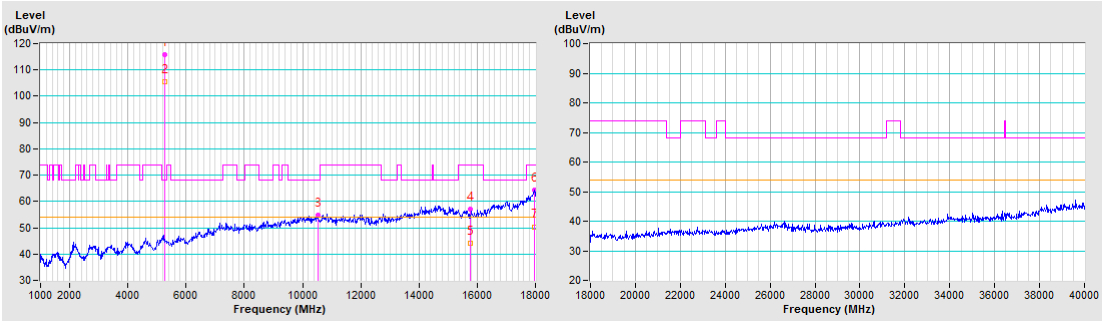


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	115.8 PK			1.21 H	183	113.7	2.1
2	*5260.00	105.5 AV			1.21 H	183	103.4	2.1
3	#10520.00	54.6 PK	68.2	-13.6	2.10 H	144	42.2	12.4
4	15780.00	57.0 PK	74.0	-17.0	1.46 H	192	45.5	11.5
5	15780.00	44.0 AV	54.0	-10.0	1.46 H	192	32.5	11.5
6	17953.67	64.4 PK	74.0	-9.6	1.43 H	360	43.3	21.1
7	17953.67	50.4 AV	54.0	-3.6	1.43 H	360	29.3	21.1

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

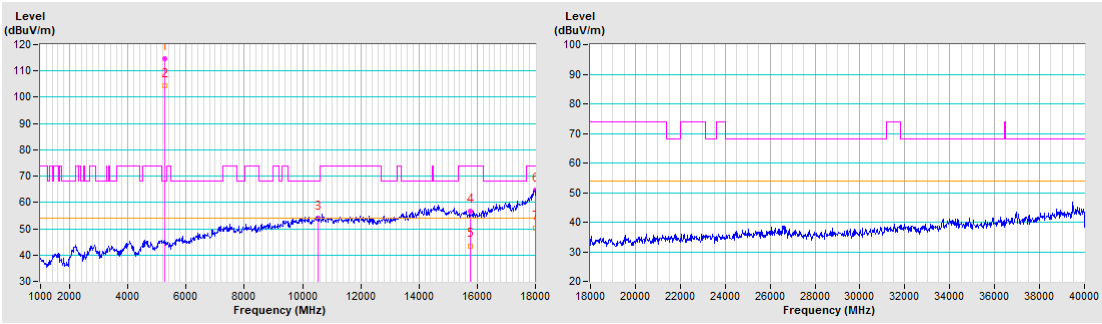


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5260.00	114.6 PK			2.85 V	166	112.5	2.1
2	*5260.00	104.5 AV			2.85 V	166	102.4	2.1
3	#10520.00	54.1 PK	68.2	-14.1	1.38 V	230	41.7	12.4
4	15780.00	56.8 PK	74.0	-17.2	1.96 V	168	45.3	11.5
5	15780.00	43.5 AV	54.0	-10.5	1.96 V	168	32.0	11.5
6	17998.30	64.7 PK	74.0	-9.3	1.96 V	144	42.8	21.9
7	17998.30	50.3 AV	54.0	-3.7	1.96 V	144	28.4	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

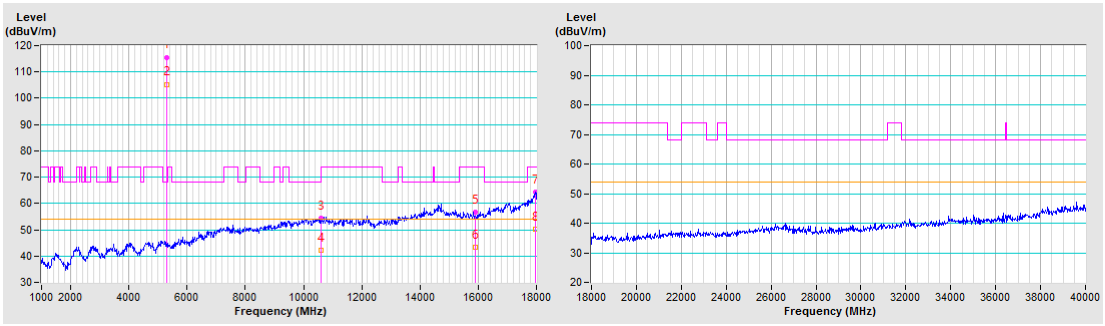


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.6 PK			1.38 H	217	113.4	2.2
2	*5300.00	105.3 AV			1.38 H	217	103.1	2.2
3	10600.00	54.4 PK	74.0	-19.6	2.02 H	149	42.7	11.7
4	10600.00	42.2 AV	54.0	-11.8	2.02 H	149	30.5	11.7
5	15900.00	56.8 PK	74.0	-17.2	1.48 H	191	45.6	11.2
6	15900.00	43.3 AV	54.0	-10.7	1.48 H	191	32.1	11.2
7	17964.30	64.3 PK	74.0	-9.7	1.41 H	119	43.0	21.3
8	17964.30	50.3 AV	54.0	-3.7	1.41 H	119	29.0	21.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

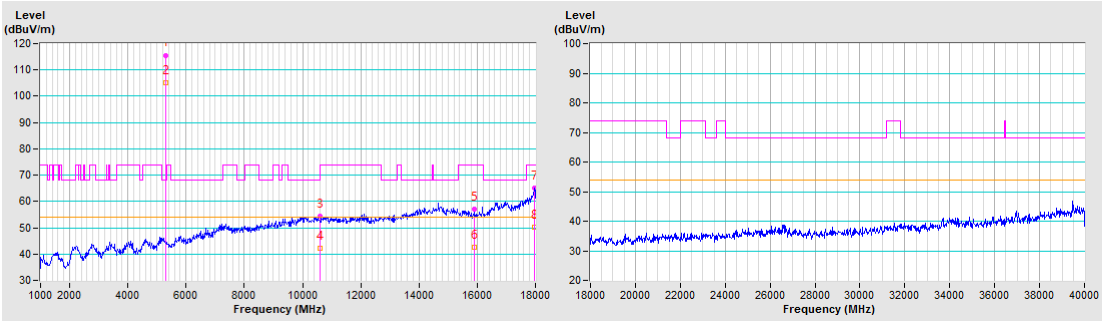


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	115.6 PK			2.90 V	157	113.4	2.2
2	*5300.00	105.0 AV			2.90 V	157	102.8	2.2
3	10600.00	54.4 PK	74.0	-19.6	1.45 V	232	42.7	11.7
4	10600.00	42.1 AV	54.0	-11.9	1.45 V	232	30.4	11.7
5	15900.00	56.9 PK	74.0	-17.1	2.02 V	137	45.7	11.2
6	15900.00	42.5 AV	54.0	-11.5	2.02 V	137	31.3	11.2
7	17979.60	65.2 PK	74.0	-8.8	2.35 V	148	43.7	21.5
8	17979.60	50.2 AV	54.0	-3.8	2.35 V	148	28.7	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

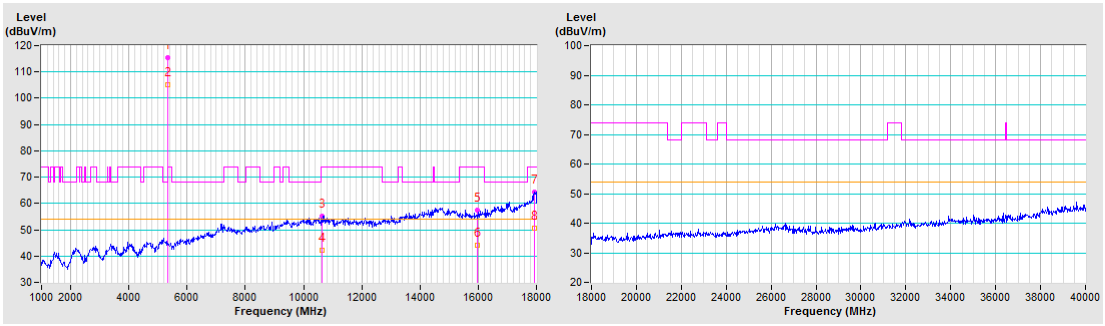


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	115.4 PK			1.28 H	195	113.1	2.3
2	*5320.00	105.1 AV			1.28 H	195	102.8	2.3
3	10640.00	55.1 PK	74.0	-18.9	2.08 H	158	43.4	11.7
4	10640.00	42.1 AV	54.0	-11.9	2.08 H	158	30.4	11.7
5	15960.00	57.5 PK	74.0	-16.5	1.48 H	184	46.1	11.4
6	15960.00	44.0 AV	54.0	-10.0	1.48 H	184	32.6	11.4
7	17938.80	64.2 PK	74.0	-9.8	1.47 H	268	43.4	20.8
8	17938.80	50.5 AV	54.0	-3.5	1.47 H	268	29.7	20.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

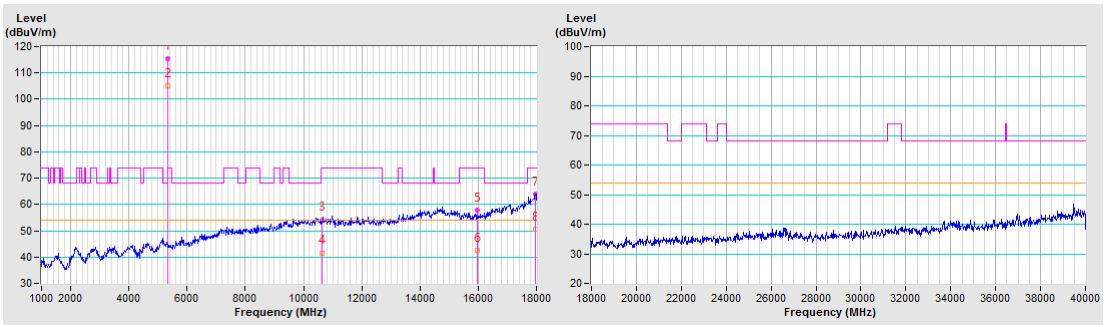


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	115.3 PK			2.82 V	167	113.0	2.3
2	*5320.00	105.2 AV			2.82 V	167	102.9	2.3
3	10640.00	54.2 PK	74.0	-19.8	1.48 V	205	42.5	11.7
4	10640.00	41.6 AV	54.0	-12.4	1.48 V	205	29.9	11.7
5	15960.00	57.9 PK	74.0	-16.1	1.99 V	143	46.5	11.4
6	15960.00	42.7 AV	54.0	-11.3	1.99 V	143	31.3	11.4
7	17957.92	64.0 PK	74.0	-10.0	1.95 V	156	42.8	21.2
8	17957.92	50.7 AV	54.0	-3.3	1.95 V	156	29.5	21.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

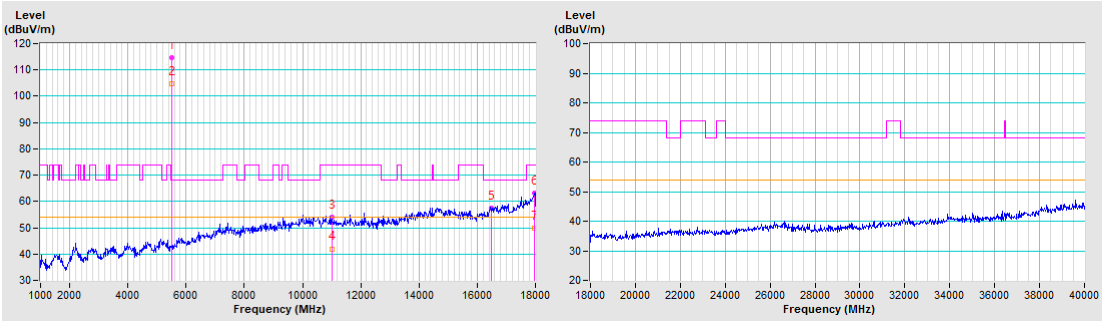


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5500.00	114.7 PK			1.20 H	197	112.2	2.5
2	*5500.00	104.6 AV			1.20 H	197	102.1	2.5
3	11000.00	54.1 PK	74.0	-19.9	2.03 H	158	41.9	12.2
4	11000.00	42.0 AV	54.0	-12.0	2.03 H	158	29.8	12.2
5	#16500.00	57.5 PK	68.2	-10.7	1.46 H	184	43.8	13.7
6	17972.37	63.2 PK	74.0	-10.8	1.41 H	35	41.8	21.4
7	17972.37	49.8 AV	54.0	-4.2	1.41 H	35	28.4	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

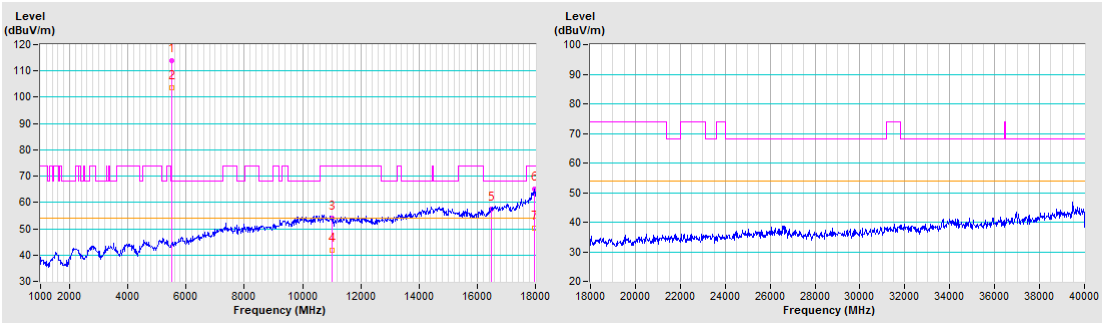


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5500.00	113.8 PK			2.78 V	165	111.3	2.5
2	*5500.00	103.7 AV			2.78 V	165	101.2	2.5
3	11000.00	54.0 PK	74.0	-20.0	1.44 V	202	41.8	12.2
4	11000.00	41.8 AV	54.0	-12.2	1.44 V	202	29.6	12.2
5	#16500.00	57.6 PK	68.2	-10.6	1.93 V	164	43.9	13.7
6	17957.08	65.0 PK	74.0	-9.0	2.43 V	154	43.8	21.2
7	17957.08	50.3 AV	54.0	-3.7	2.43 V	154	29.1	21.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

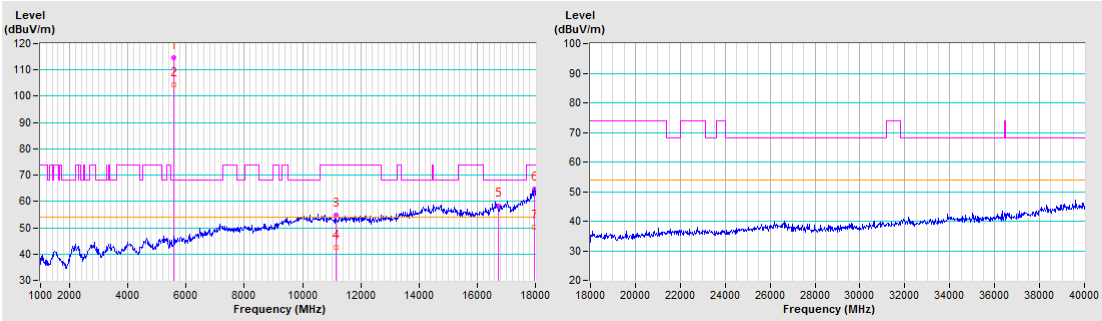


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	114.6 PK			1.38 H	189	111.8	2.8
2	*5580.00	104.4 AV			1.38 H	189	101.6	2.8
3	11160.00	54.8 PK	74.0	-19.2	2.03 H	147	42.8	12.0
4	11160.00	42.4 AV	54.0	-11.6	2.03 H	147	30.4	12.0
5	#16740.00	58.4 PK	68.2	-9.8	1.45 H	190	44.2	14.2
6	17952.40	64.8 PK	74.0	-9.2	1.46 H	155	43.7	21.1
7	17952.40	50.3 AV	54.0	-3.7	1.46 H	155	29.2	21.1

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

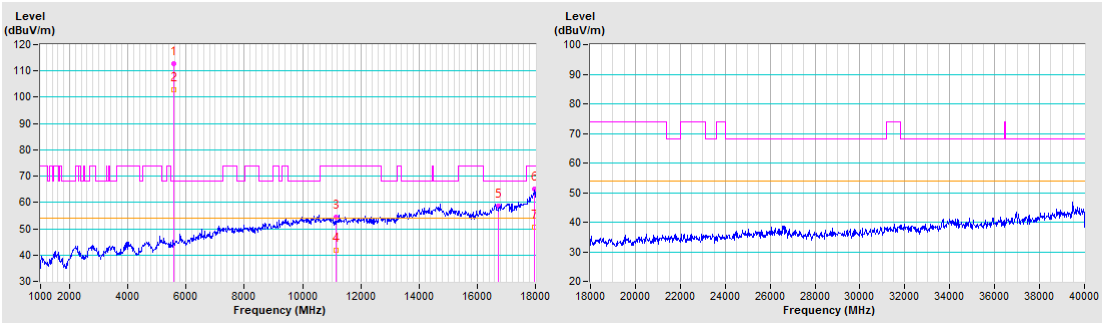


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	112.7 PK			2.81 V	178	109.9	2.8
2	*5580.00	102.7 AV			2.81 V	178	99.9	2.8
3	11160.00	54.5 PK	74.0	-19.5	1.36 V	237	42.5	12.0
4	11160.00	41.9 AV	54.0	-12.1	1.36 V	237	29.9	12.0
5	#16740.00	58.6 PK	68.2	-9.6	1.98 V	167	44.4	14.2
6	17960.47	64.9 PK	74.0	-9.1	1.96 V	61	43.6	21.3
7	17960.47	50.5 AV	54.0	-3.5	1.96 V	61	29.2	21.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

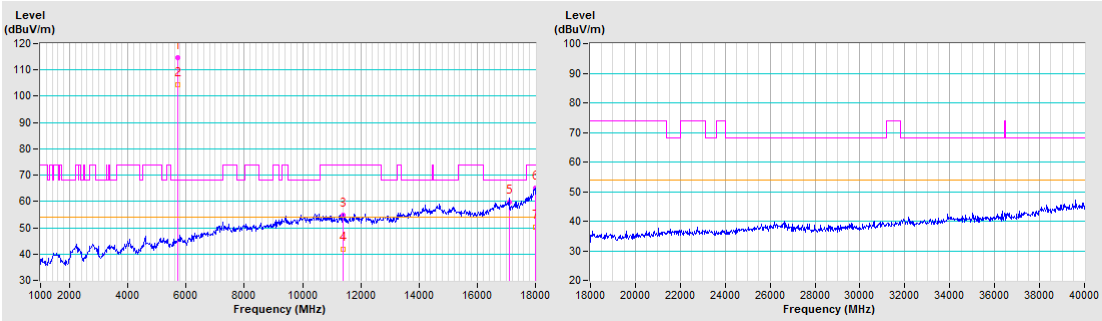


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	114.6 PK			1.38 H	189	111.7	2.9
2	*5700.00	104.4 AV			1.38 H	189	101.5	2.9
3	11400.00	54.7 PK	74.0	-19.3	2.05 H	159	41.7	13.0
4	11400.00	41.8 AV	54.0	-12.2	2.05 H	159	28.8	13.0
5	#17100.00	59.7 PK	68.2	-8.5	1.37 H	167	43.6	16.1
6	17983.42	65.1 PK	74.0	-8.9	1.45 H	165	43.5	21.6
7	17983.42	50.3 AV	54.0	-3.7	1.45 H	165	28.7	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

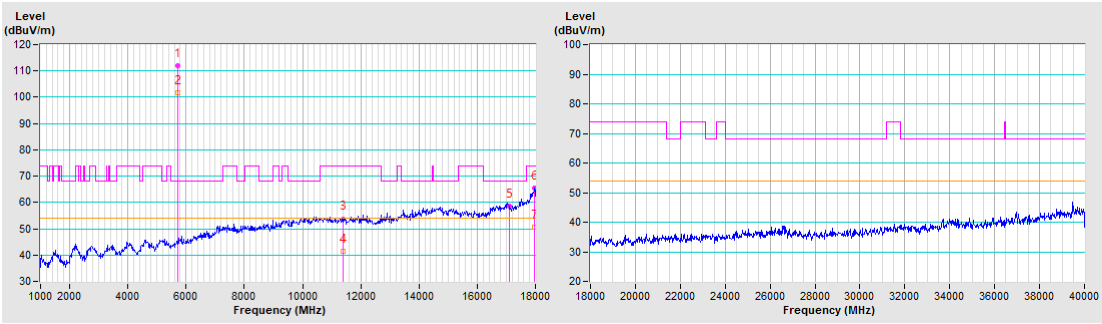


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	112.1 PK			2.75 V	167	109.2	2.9
2	*5700.00	101.6 AV			2.75 V	167	98.7	2.9
3	11400.00	53.8 PK	74.0	-20.2	1.40 V	232	40.8	13.0
4	11400.00	41.5 AV	54.0	-12.5	1.40 V	232	28.5	13.0
5	#17100.00	58.6 PK	68.2	-9.6	1.95 V	157	42.5	16.1
6	17967.70	65.6 PK	74.0	-8.4	1.99 V	178	44.2	21.4
7	17967.70	50.6 AV	54.0	-3.4	1.99 V	178	29.2	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

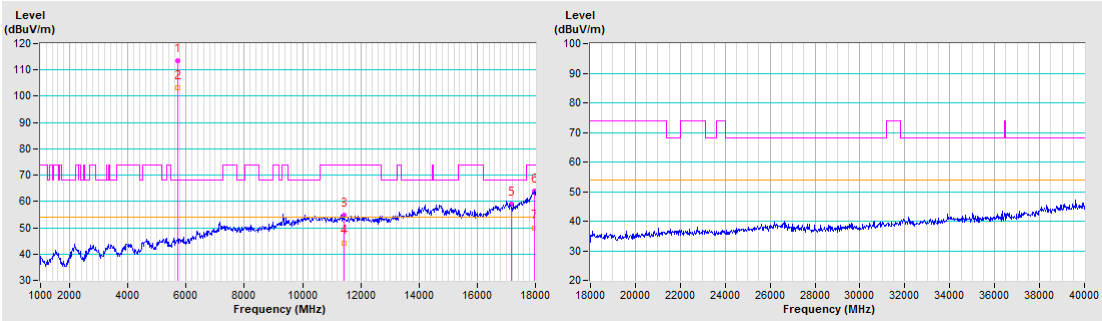


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	113.5 PK			1.20 H	184	110.6	2.9
2	*5720.00	103.2 AV			1.20 H	184	100.3	2.9
3	11440.00	54.7 PK	74.0	-19.3	2.09 H	147	42.0	12.7
4	11440.00	44.3 AV	54.0	-9.7	2.09 H	147	31.6	12.7
5	#17160.00	59.1 PK	68.2	-9.1	1.48 H	183	43.5	15.6
6	17975.35	64.0 PK	74.0	-10.0	1.47 H	98	42.5	21.5
7	17975.35	50.0 AV	54.0	-4.0	1.47 H	98	28.5	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

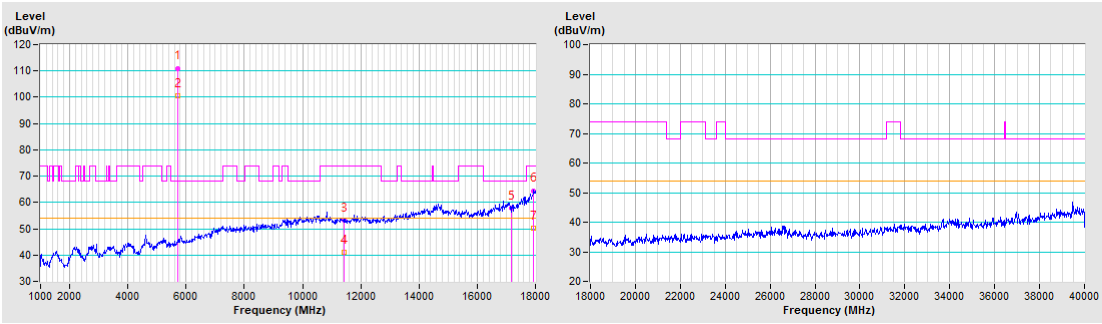


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5720.00	111.0 PK			1.59 V	169	108.1	2.9
2	*5720.00	100.4 AV			1.59 V	169	97.5	2.9
3	11440.00	53.4 PK	74.0	-20.6	1.47 V	210	40.7	12.7
4	11440.00	41.0 AV	54.0	-13.0	1.47 V	210	28.3	12.7
5	#17160.00	57.9 PK	68.2	-10.3	2.01 V	147	42.3	15.6
6	17940.92	64.5 PK	74.0	-9.5	2.05 V	116	43.7	20.8
7	17940.92	50.3 AV	54.0	-3.7	2.05 V	116	29.5	20.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

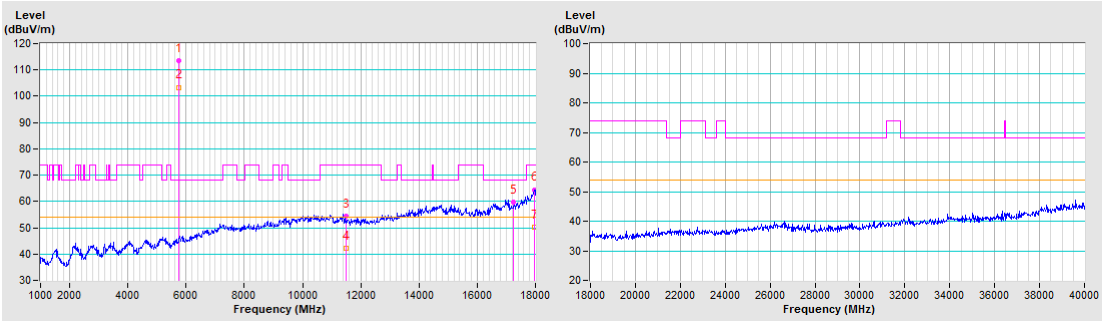


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	113.5 PK			1.41 H	174	110.6	2.9
2	*5745.00	103.4 AV			1.41 H	174	100.5	2.9
3	11490.00	54.5 PK	74.0	-19.5	1.65 H	229	42.2	12.3
4	11490.00	42.3 AV	54.0	-11.7	1.65 H	229	30.0	12.3
5	#17235.00	59.6 PK	68.2	-8.6	1.68 H	114	44.3	15.3
6	17977.90	64.5 PK	74.0	-9.5	1.44 H	311	43.0	21.5
7	17977.90	50.3 AV	54.0	-3.7	1.44 H	311	28.8	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

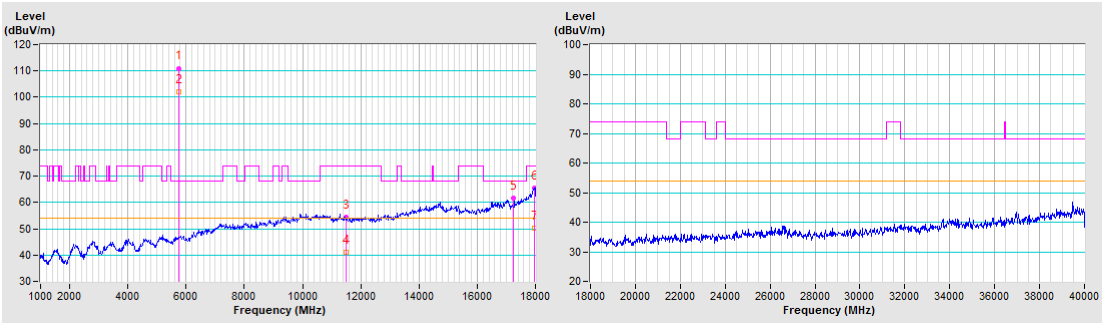


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	111.0 PK			2.70 V	175	108.1	2.9
2	*5745.00	101.9 AV			2.70 V	175	99.0	2.9
3	11490.00	54.3 PK	74.0	-19.7	2.76 V	158	42.0	12.3
4	11490.00	41.2 AV	54.0	-12.8	2.76 V	158	28.9	12.3
5	#17235.00	61.8 PK	68.2	-6.4	2.03 V	251	46.5	15.3
6	17970.67	65.6 PK	74.0	-8.4	1.38 V	261	44.2	21.4
7	17970.67	50.3 AV	54.0	-3.7	1.38 V	261	28.9	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

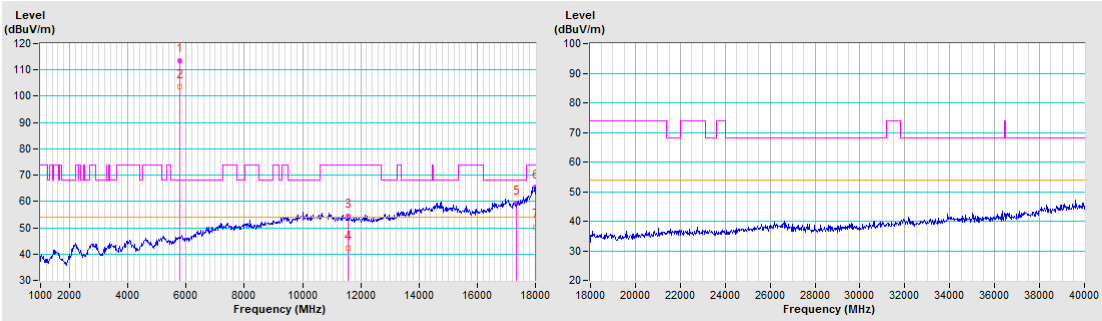


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	113.6 PK			1.44 H	189	110.5	3.1
2	*5785.00	103.5 AV			1.44 H	189	100.4	3.1
3	11570.00	54.4 PK	74.0	-19.6	1.68 H	208	42.0	12.4
4	11570.00	42.3 AV	54.0	-11.7	1.68 H	208	29.9	12.4
5	#17355.00	59.3 PK	68.2	-8.9	1.67 H	113	43.3	16.0
6	17993.20	65.5 PK	74.0	-8.5	1.39 H	267	43.7	21.8
7	17993.20	50.4 AV	54.0	-3.6	1.39 H	267	28.6	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

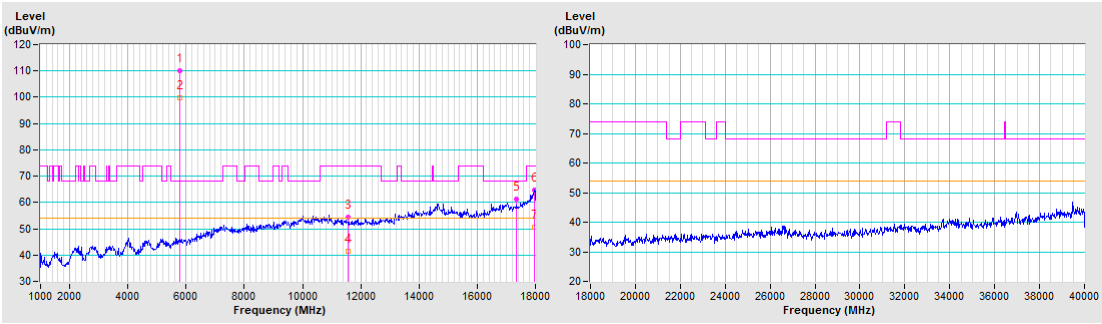


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	110.1 PK			2.68 V	170	107.0	3.1
2	*5785.00	99.7 AV			2.68 V	170	96.6	3.1
3	11570.00	54.4 PK	74.0	-19.6	2.73 V	169	42.0	12.4
4	11570.00	41.3 AV	54.0	-12.7	2.73 V	169	28.9	12.4
5	#17355.00	61.3 PK	68.2	-6.9	2.05 V	259	45.3	16.0
6	17973.65	64.7 PK	74.0	-9.3	1.35 V	209	43.2	21.5
7	17973.65	50.5 AV	54.0	-3.5	1.35 V	209	29.0	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

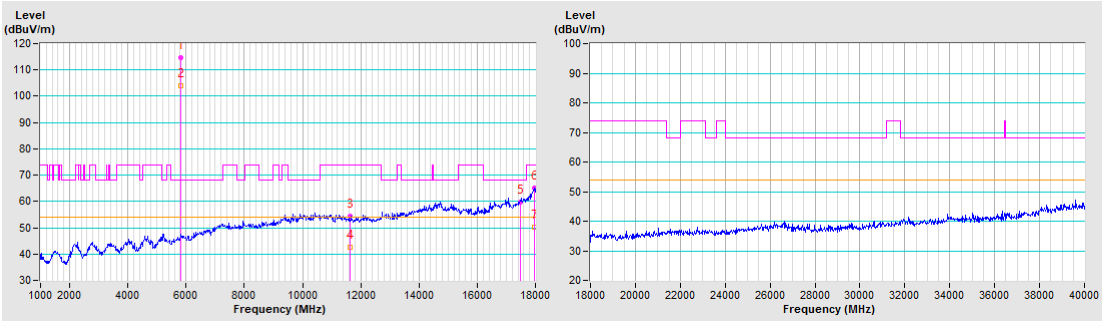


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	114.6 PK			1.49 H	185	111.4	3.2
2	*5825.00	104.1 AV			1.49 H	185	100.9	3.2
3	11650.00	54.4 PK	74.0	-19.6	1.61 H	212	42.0	12.4
4	11650.00	42.5 AV	54.0	-11.5	1.61 H	212	30.1	12.4
5	#17475.00	59.8 PK	68.2	-8.4	1.68 H	109	42.4	17.4
6	17978.75	65.1 PK	74.0	-8.9	1.43 H	302	43.6	21.5
7	17978.75	50.3 AV	54.0	-3.7	1.43 H	302	28.8	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

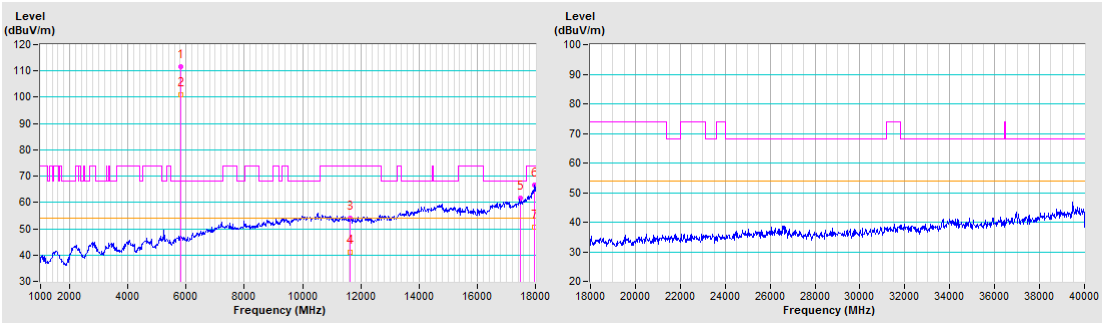


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	111.7 PK			2.92 V	171	108.5	3.2
2	*5825.00	101.0 AV			2.92 V	171	97.8	3.2
3	11650.00	54.1 PK	74.0	-19.9	2.71 V	143	41.7	12.4
4	11650.00	40.9 AV	54.0	-13.1	2.71 V	143	28.5	12.4
5	#17475.00	61.8 PK	68.2	-6.4	2.11 V	248	44.4	17.4
6	17968.12	66.7 PK	74.0	-7.3	1.35 V	237	45.3	21.4
7	17968.12	50.5 AV	54.0	-3.5	1.35 V	237	29.1	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.



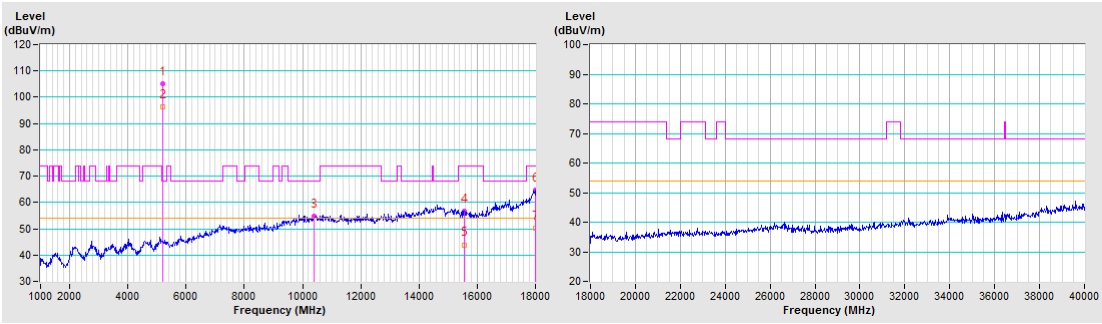
802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5190.00	105.2 PK			1.59 H	187	102.7	2.5
2	*5190.00	96.5 AV			1.59 H	187	94.0	2.5
3	#10380.00	54.9 PK	68.2	-13.3	2.03 H	148	42.9	12.0
4	15570.00	56.8 PK	74.0	-17.2	1.45 H	164	44.2	12.6
5	15570.00	43.9 AV	54.0	-10.1	1.45 H	164	31.3	12.6
6	17984.70	64.6 PK	74.0	-9.4	1.43 H	214	43.0	21.6
7	17984.70	50.3 AV	54.0	-3.7	1.43 H	214	28.7	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

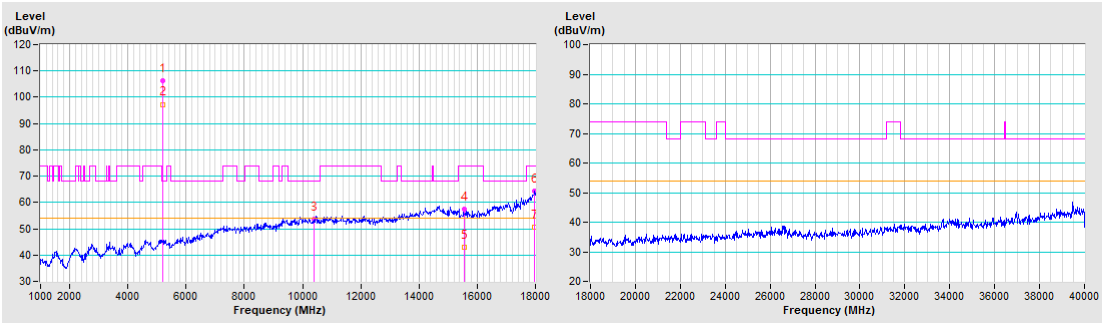


CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5190.00	106.2 PK			2.91 V	162	103.7	2.5
2	*5190.00	97.3 AV			2.91 V	162	94.8	2.5
3	#10380.00	53.6 PK	68.2	-14.6	1.38 V	207	41.6	12.0
4	15570.00	57.5 PK	74.0	-16.5	1.93 V	153	44.9	12.6
5	15570.00	42.9 AV	54.0	-11.1	1.93 V	153	30.3	12.6
6	17976.62	64.4 PK	74.0	-9.6	1.98 V	19	42.9	21.5
7	17976.62	50.6 AV	54.0	-3.4	1.98 V	19	29.1	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

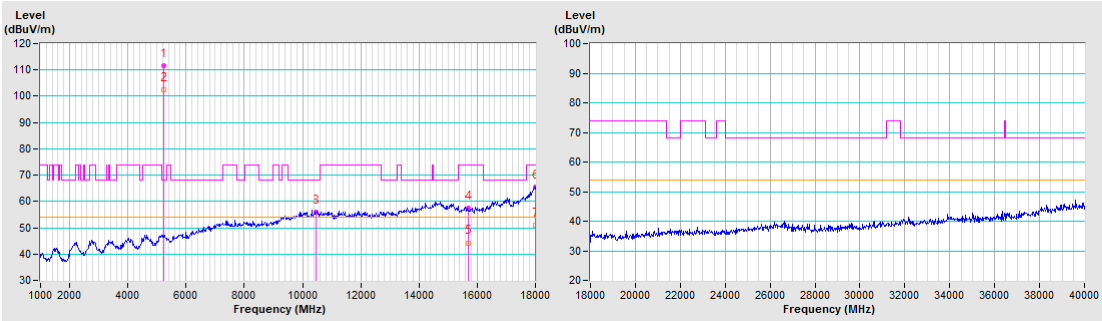


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	111.5 PK			1.60 H	186	109.3	2.2
2	*5230.00	102.6 AV			1.60 H	186	100.4	2.2
3	#10460.00	55.9 PK	68.2	-12.3	2.01 H	148	43.5	12.4
4	15690.00	57.4 PK	74.0	-16.6	1.44 H	192	45.2	12.2
5	15690.00	44.3 AV	54.0	-9.7	1.44 H	192	32.1	12.2
6	17994.47	65.6 PK	74.0	-8.4	1.39 H	143	43.8	21.8
7	17994.47	50.8 AV	54.0	-3.2	1.39 H	143	29.0	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

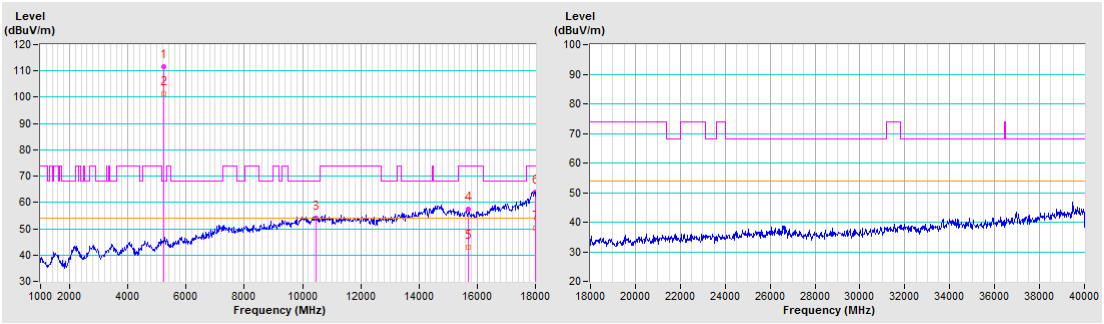


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5230.00	111.6 PK			3.02 V	169	109.4	2.2
2	*5230.00	101.3 AV			3.02 V	169	99.1	2.2
3	#10460.00	54.1 PK	68.2	-14.1	1.46 V	205	41.7	12.4
4	15690.00	57.3 PK	74.0	-16.7	2.01 V	148	45.1	12.2
5	15690.00	42.8 AV	54.0	-11.2	2.01 V	148	30.6	12.2
6	17994.90	64.0 PK	74.0	-10.0	1.99 V	360	42.2	21.8
7	17994.90	50.2 AV	54.0	-3.8	1.99 V	360	28.4	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

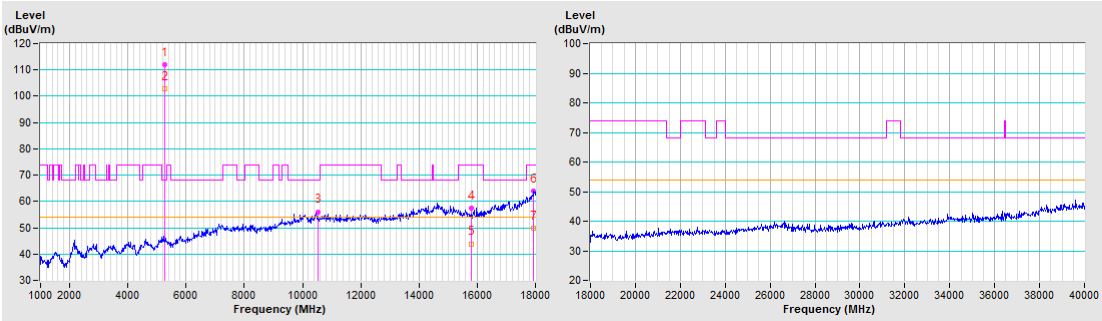


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	111.9 PK			1.48 H	185	109.8	2.1
2	*5270.00	102.9 AV			1.48 H	185	100.8	2.1
3	#10540.00	56.1 PK	68.2	-12.1	2.02 H	160	43.9	12.2
4	15810.00	57.3 PK	74.0	-16.7	1.44 H	176	46.0	11.3
5	15810.00	43.9 AV	54.0	-10.1	1.44 H	176	32.6	11.3
6	17940.50	64.0 PK	74.0	-10.0	1.48 H	347	43.2	20.8
7	17940.50	49.9 AV	54.0	-4.1	1.48 H	347	29.1	20.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

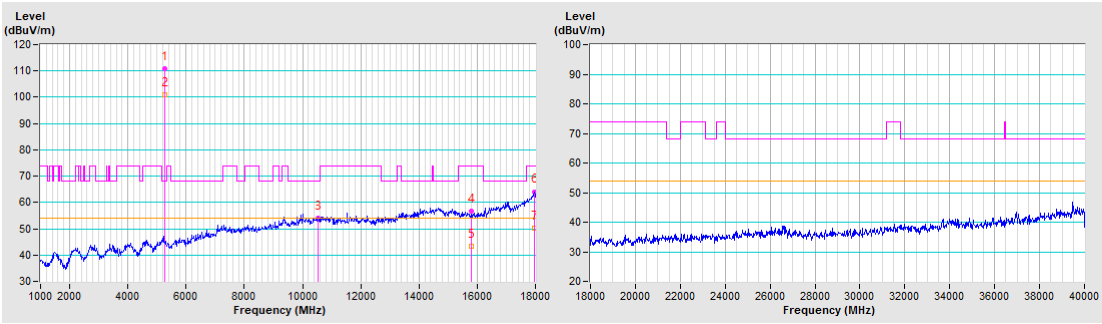


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	110.9 PK			2.86 V	167	108.8	2.1
2	*5270.00	101.0 AV			2.86 V	167	98.9	2.1
3	#10540.00	54.1 PK	68.2	-14.1	1.37 V	213	41.9	12.2
4	15810.00	56.7 PK	74.0	-17.3	2.02 V	156	45.4	11.3
5	15810.00	43.4 AV	54.0	-10.6	2.02 V	156	32.1	11.3
6	17976.62	64.1 PK	74.0	-9.9	2.09 V	302	42.6	21.5
7	17976.62	50.3 AV	54.0	-3.7	2.09 V	302	28.8	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

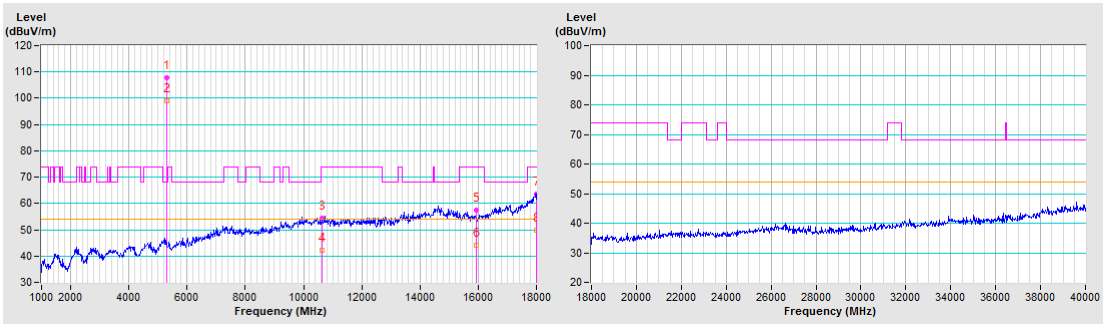


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	107.7 PK			1.51 H	179	105.5	2.2
2	*5310.00	99.0 AV			1.51 H	179	96.8	2.2
3	10620.00	54.5 PK	74.0	-19.5	2.08 H	142	42.8	11.7
4	10620.00	42.1 AV	54.0	-11.9	2.08 H	142	30.4	11.7
5	15930.00	57.5 PK	74.0	-16.5	1.38 H	180	46.3	11.2
6	15930.00	44.0 AV	54.0	-10.0	1.38 H	180	32.8	11.2
7	17995.75	63.5 PK	74.0	-10.5	1.42 H	87	41.6	21.9
8	17995.75	49.7 AV	54.0	-4.3	1.42 H	87	27.8	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

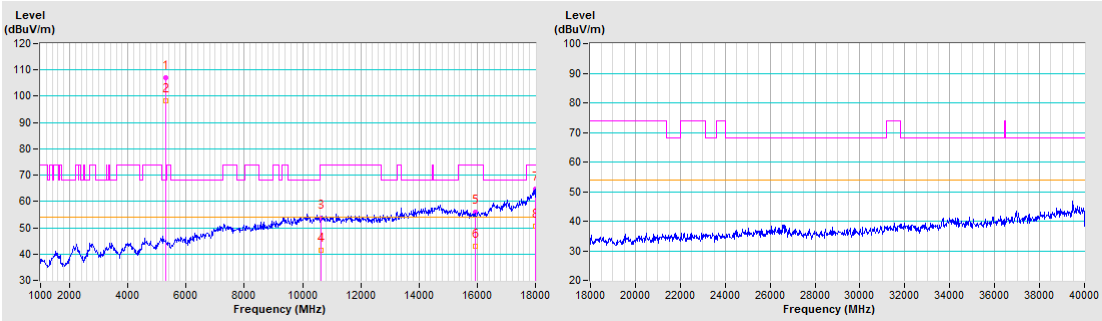


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	106.9 PK			2.97 V	164	104.7	2.2
2	*5310.00	98.2 AV			2.97 V	164	96.0	2.2
3	10620.00	53.8 PK	74.0	-20.2	1.40 V	219	42.1	11.7
4	10620.00	41.5 AV	54.0	-12.5	1.40 V	219	29.8	11.7
5	15930.00	56.0 PK	74.0	-18.0	2.00 V	164	44.8	11.2
6	15930.00	42.9 AV	54.0	-11.1	2.00 V	164	31.7	11.2
7	17988.53	64.6 PK	74.0	-9.4	2.01 V	198	42.9	21.7
8	17988.53	50.6 AV	54.0	-3.4	2.01 V	198	28.9	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

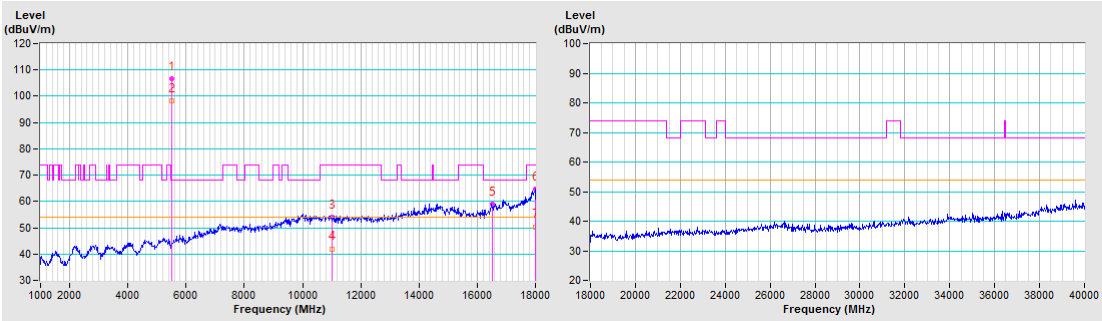


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5510.00	106.7 PK			1.47 H	184	104.2	2.5
2	*5510.00	98.3 AV			1.47 H	184	95.8	2.5
3	11020.00	54.1 PK	74.0	-19.9	2.05 H	169	41.8	12.3
4	11020.00	42.0 AV	54.0	-12.0	2.05 H	169	29.7	12.3
5	#16530.00	58.8 PK	68.2	-9.4	1.43 H	179	44.9	13.9
6	17989.37	64.8 PK	74.0	-9.2	1.46 H	64	43.1	21.7
7	17989.37	50.4 AV	54.0	-3.6	1.46 H	64	28.7	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

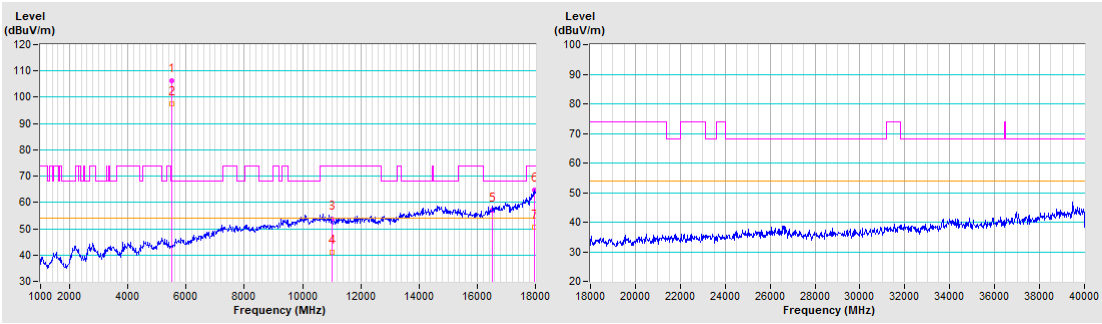


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5510.00	106.2 PK			2.95 V	171	103.7	2.5
2	*5510.00	97.4 AV			2.95 V	171	94.9	2.5
3	11020.00	53.8 PK	74.0	-20.2	1.48 V	207	41.5	12.3
4	11020.00	41.1 AV	54.0	-12.9	1.48 V	207	28.8	12.3
5	#16530.00	57.1 PK	68.2	-11.1	2.02 V	164	43.2	13.9
6	17977.90	64.6 PK	74.0	-9.4	2.15 V	143	43.1	21.5
7	17977.90	50.5 AV	54.0	-3.5	2.15 V	143	29.0	21.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

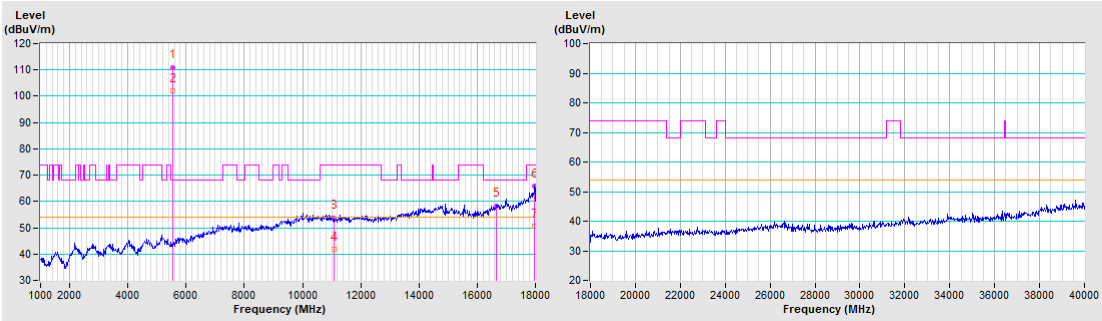


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	111.0 PK			1.55 H	175	108.3	2.7
2	*5550.00	102.0 AV			1.55 H	175	99.3	2.7
3	11100.00	53.8 PK	74.0	-20.2	2.11 H	140	41.7	12.1
4	11100.00	41.9 AV	54.0	-12.1	2.11 H	140	29.8	12.1
5	#16650.00	58.4 PK	68.2	-9.8	1.46 H	166	44.2	14.2
6	17981.72	65.7 PK	74.0	-8.3	1.42 H	241	44.1	21.6
7	17981.72	50.6 AV	54.0	-3.4	1.42 H	241	29.0	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

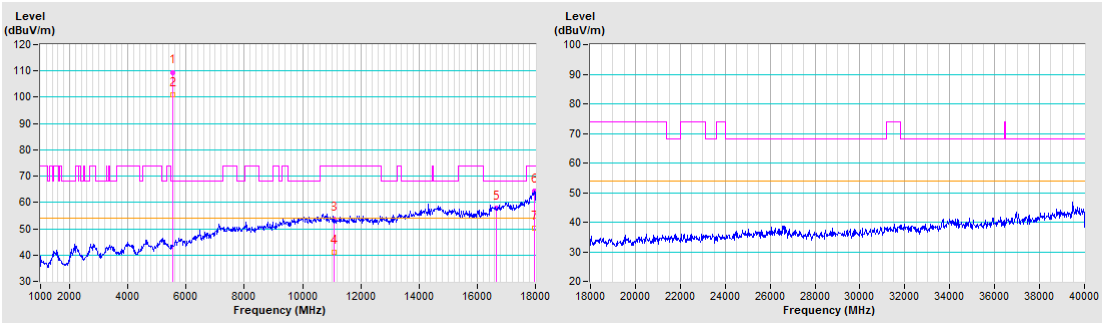


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5550.00	109.5 PK			2.87 V	165	106.8	2.7
2	*5550.00	100.8 AV			2.87 V	165	98.1	2.7
3	11100.00	53.5 PK	74.0	-20.5	1.46 V	210	41.4	12.1
4	11100.00	41.0 AV	54.0	-13.0	1.46 V	210	28.9	12.1
5	#16650.00	57.9 PK	68.2	-10.3	1.95 V	168	43.7	14.2
6	17971.53	64.4 PK	74.0	-9.6	2.37 V	154	43.0	21.4
7	17971.53	50.3 AV	54.0	-3.7	2.37 V	154	28.9	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

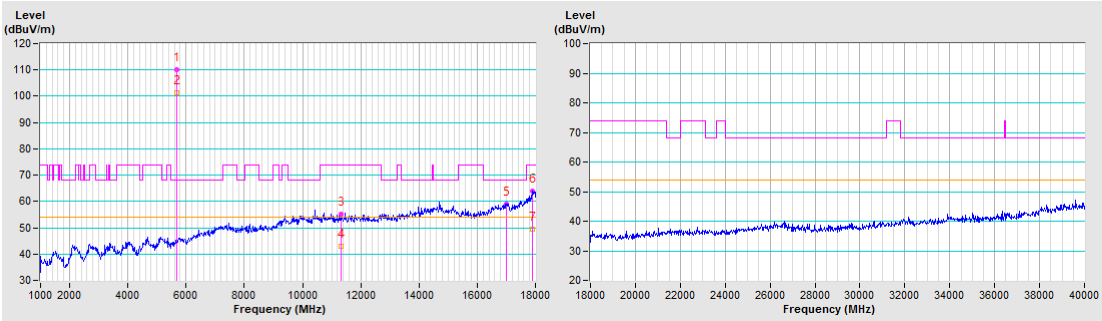


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	110.0 PK			1.46 H	169	107.1	2.9
2	*5670.00	101.3 AV			1.46 H	169	98.4	2.9
3	11340.00	55.0 PK	74.0	-19.0	2.02 H	169	42.1	12.9
4	11340.00	42.9 AV	54.0	-11.1	2.02 H	169	30.0	12.9
5	#17010.00	58.8 PK	68.2	-9.4	1.47 H	184	43.0	15.8
6	17880.58	63.8 PK	74.0	-10.2	1.35 H	219	44.0	19.8
7	17880.58	49.3 AV	54.0	-4.7	1.35 H	219	29.5	19.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

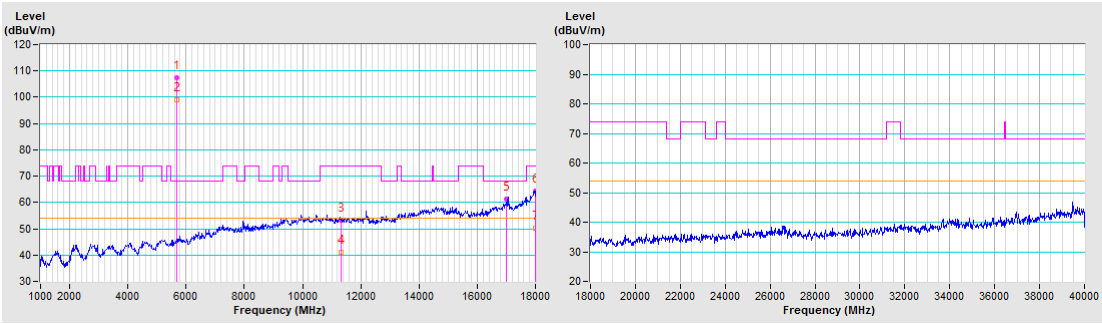


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	107.5 PK			3.11 V	179	104.6	2.9
2	*5670.00	99.1 AV			3.11 V	179	96.2	2.9
3	11340.00	53.3 PK	74.0	-20.7	1.43 V	209	40.4	12.9
4	11340.00	41.0 AV	54.0	-13.0	1.43 V	209	28.1	12.9
5	#17010.00	61.2 PK	68.2	-7.0	1.94 V	167	45.4	15.8
6	17988.95	64.3 PK	74.0	-9.7	2.07 V	27	42.6	21.7
7	17988.95	50.3 AV	54.0	-3.7	2.07 V	27	28.6	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

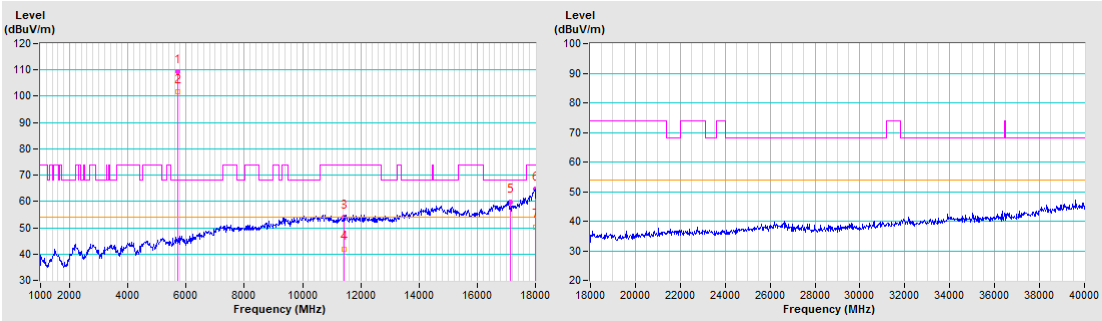


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	109.4 PK			1.49 H	157	106.4	3.0
2	*5710.00	101.7 AV			1.49 H	157	98.7	3.0
3	11420.00	53.9 PK	74.0	-20.1	2.04 H	161	41.0	12.9
4	11420.00	42.0 AV	54.0	-12.0	2.04 H	161	29.1	12.9
5	#17130.00	59.9 PK	68.2	-8.3	1.46 H	162	44.1	15.8
6	17992.78	64.7 PK	74.0	-9.3	1.45 H	298	42.9	21.8
7	17992.78	50.4 AV	54.0	-3.6	1.45 H	298	28.6	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

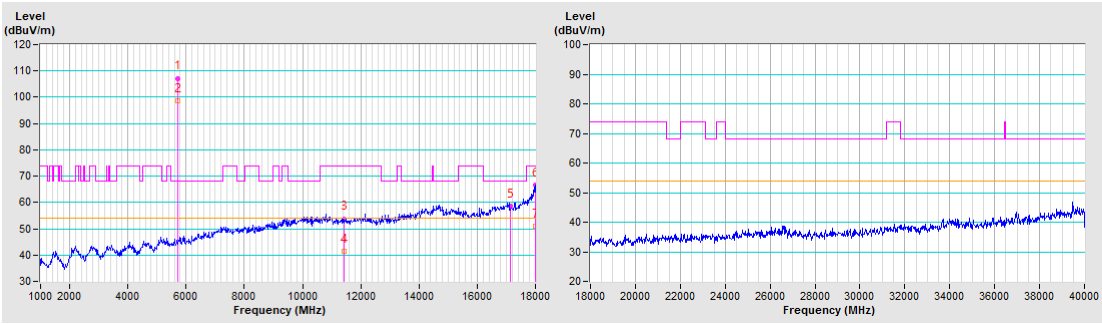


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5710.00	107.2 PK			3.15 V	175	104.2	3.0
2	*5710.00	98.5 AV			3.15 V	175	95.5	3.0
3	11420.00	53.8 PK	74.0	-20.2	1.41 V	224	40.9	12.9
4	11420.00	41.3 AV	54.0	-12.7	1.41 V	224	28.4	12.9
5	#17130.00	58.5 PK	68.2	-9.7	2.01 V	150	42.7	15.8
6	17998.30	66.5 PK	74.0	-7.5	1.97 V	216	44.6	21.9
7	17998.30	50.8 AV	54.0	-3.2	1.97 V	216	28.9	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

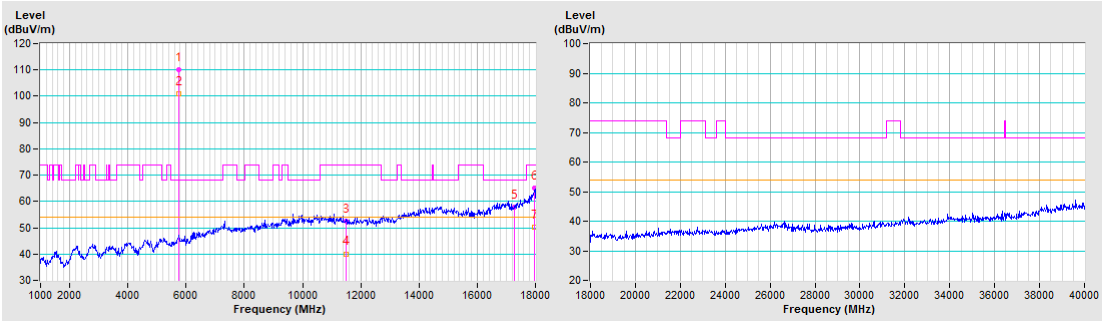


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	110.2 PK			1.15 H	284	107.2	3.0
2	*5755.00	100.9 AV			1.15 H	284	97.9	3.0
3	11510.00	52.4 PK	74.0	-21.6	1.66 H	205	40.1	12.3
4	11510.00	40.1 AV	54.0	-13.9	1.66 H	205	27.8	12.3
5	#17265.00	57.7 PK	68.2	-10.5	1.72 H	110	42.3	15.4
6	17951.55	65.2 PK	74.0	-8.8	1.47 H	285	44.2	21.0
7	17951.55	50.3 AV	54.0	-3.7	1.47 H	285	29.3	21.0

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

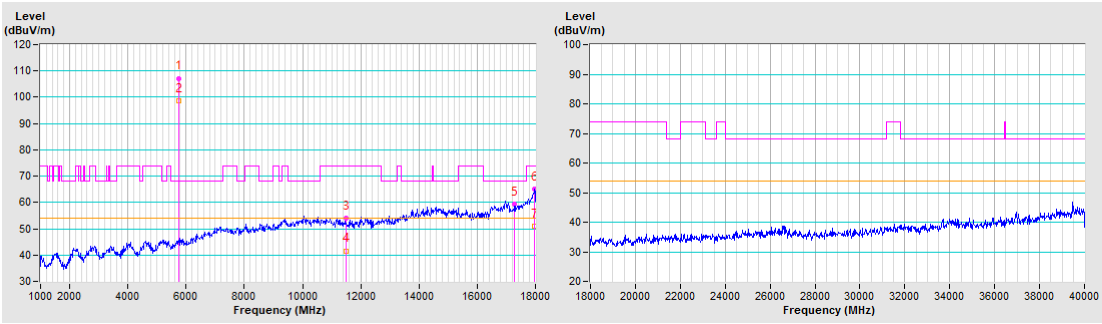


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	107.2 PK			2.80 V	173	104.2	3.0
2	*5755.00	98.5 AV			2.80 V	173	95.5	3.0
3	11510.00	54.1 PK	74.0	-19.9	2.78 V	161	41.8	12.3
4	11510.00	41.6 AV	54.0	-12.4	2.78 V	161	29.3	12.3
5	#17265.00	59.3 PK	68.2	-8.9	2.12 V	246	43.9	15.4
6	17981.72	65.0 PK	74.0	-9.0	1.49 V	225	43.4	21.6
7	17981.72	50.8 AV	54.0	-3.2	1.49 V	225	29.2	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

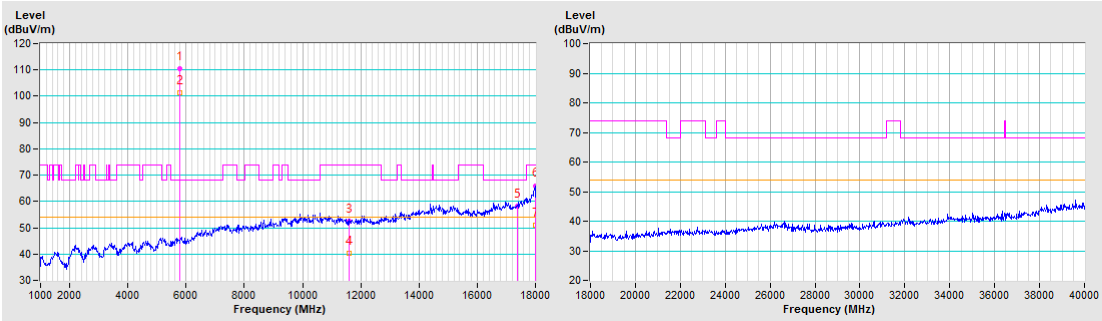


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	110.4 PK			1.43 H	187	107.4	3.0
2	*5795.00	101.2 AV			1.43 H	187	98.2	3.0
3	11590.00	52.5 PK	74.0	-21.5	1.60 H	224	40.1	12.4
4	11590.00	40.2 AV	54.0	-13.8	1.60 H	224	27.8	12.4
5	#17385.00	58.1 PK	68.2	-10.1	1.79 H	89	41.9	16.2
6	17994.90	66.0 PK	74.0	-8.0	2.55 H	341	44.2	21.8
7	17994.90	50.8 AV	54.0	-3.2	2.55 H	341	29.0	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

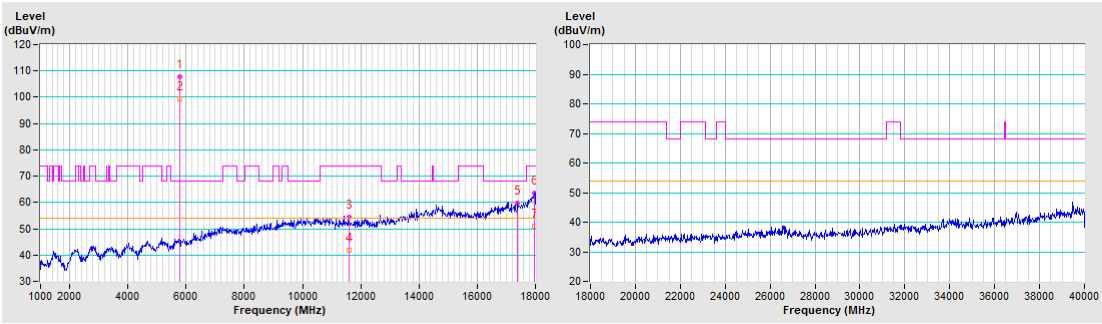


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	107.9 PK			2.82 V	173	104.9	3.0
2	*5795.00	99.3 AV			2.82 V	173	96.3	3.0
3	11590.00	54.4 PK	74.0	-19.6	2.72 V	160	42.0	12.4
4	11590.00	41.8 AV	54.0	-12.2	2.72 V	160	29.4	12.4
5	#17385.00	59.6 PK	68.2	-8.6	2.04 V	249	43.4	16.2
6	17952.83	63.7 PK	74.0	-10.3	1.33 V	255	42.6	21.1
7	17952.83	50.8 AV	54.0	-3.2	1.33 V	255	29.7	21.1

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.



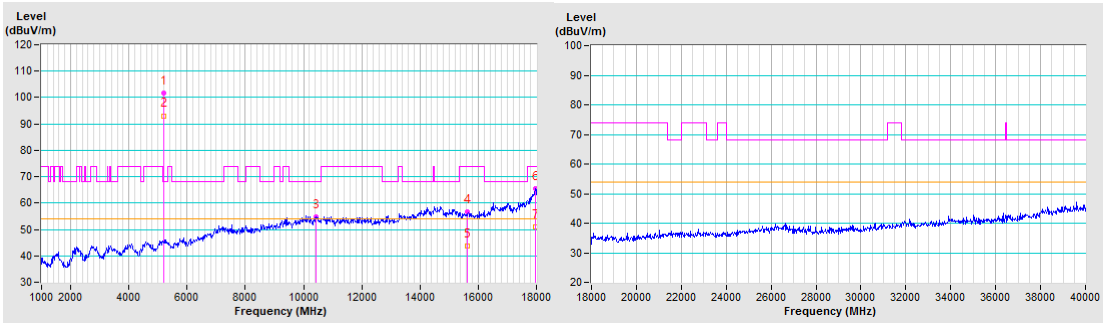
802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5210.00	101.7 PK			1.31 H	185	99.3	2.4
2	*5210.00	93.1 AV			1.31 H	185	90.7	2.4
3	#10420.00	54.8 PK	68.2	-13.4	2.04 H	169	42.6	12.2
4	15630.00	56.6 PK	74.0	-17.4	1.42 H	183	43.9	12.7
5	15630.00	43.6 AV	54.0	-10.4	1.42 H	183	30.9	12.7
6	17965.58	65.4 PK	74.0	-8.6	1.42 H	79	44.1	21.3
7	17965.58	50.8 AV	54.0	-3.2	1.42 H	79	29.5	21.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

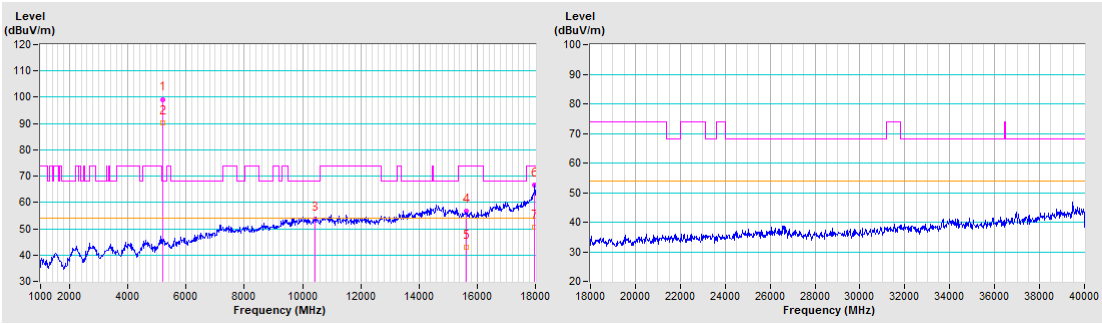


CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5210.00	99.2 PK			1.00 V	131	96.8	2.4
2	*5210.00	90.3 AV			1.00 V	131	87.9	2.4
3	#10420.00	53.6 PK	68.2	-14.6	1.40 V	206	41.4	12.2
4	15630.00	56.6 PK	74.0	-17.4	2.03 V	160	43.9	12.7
5	15630.00	42.8 AV	54.0	-11.2	2.03 V	160	30.1	12.7
6	17966.85	66.5 PK	74.0	-7.5	2.17 V	157	45.1	21.4
7	17966.85	50.5 AV	54.0	-3.5	2.17 V	157	29.1	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

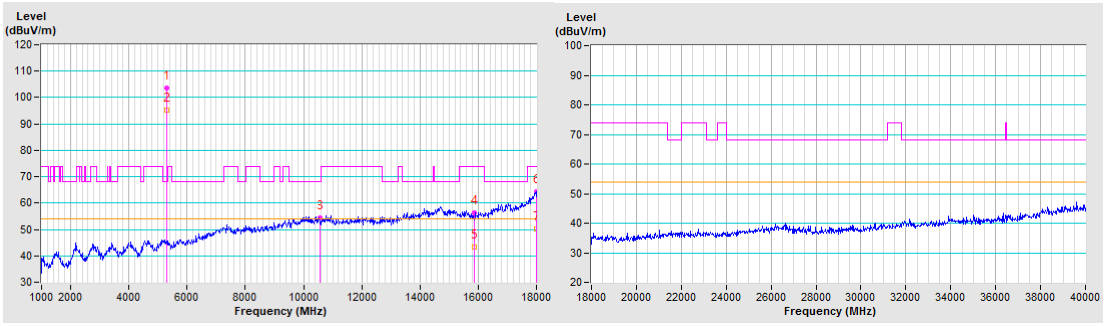


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	103.7 PK			1.50 H	185	101.6	2.1
2	*5290.00	95.2 AV			1.50 H	185	93.1	2.1
3	#10580.00	54.3 PK	68.2	-13.9	2.03 H	148	42.5	11.8
4	15870.00	56.4 PK	74.0	-17.6	1.38 H	181	45.2	11.2
5	15870.00	43.3 AV	54.0	-10.7	1.38 H	181	32.1	11.2
6	17988.10	64.3 PK	74.0	-9.7	1.46 H	65	42.6	21.7
7	17988.10	50.3 AV	54.0	-3.7	1.46 H	65	28.6	21.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

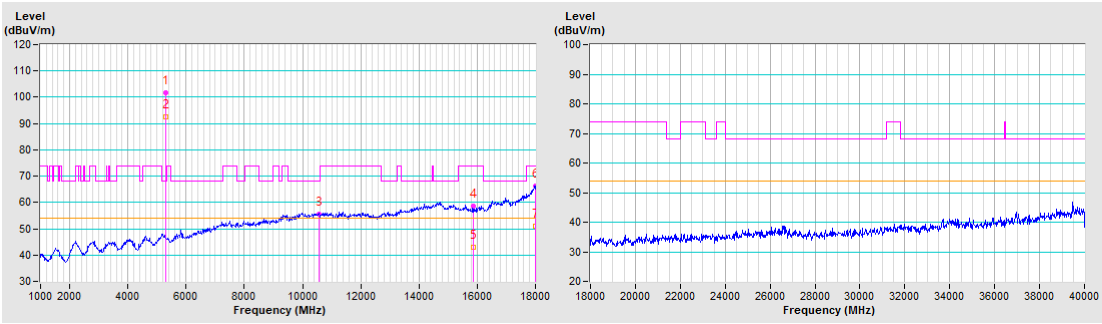


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	101.6 PK			2.28 V	174	99.5	2.1
2	*5290.00	92.5 AV			2.28 V	174	90.4	2.1
3	#10580.00	55.4 PK	68.2	-12.8	1.44 V	205	43.6	11.8
4	15870.00	58.5 PK	74.0	-15.5	2.02 V	151	47.3	11.2
5	15870.00	43.0 AV	54.0	-11.0	2.02 V	151	31.8	11.2
6	17993.62	66.1 PK	74.0	-7.9	1.98 V	347	44.3	21.8
7	17993.62	50.8 AV	54.0	-3.2	1.98 V	347	29.0	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

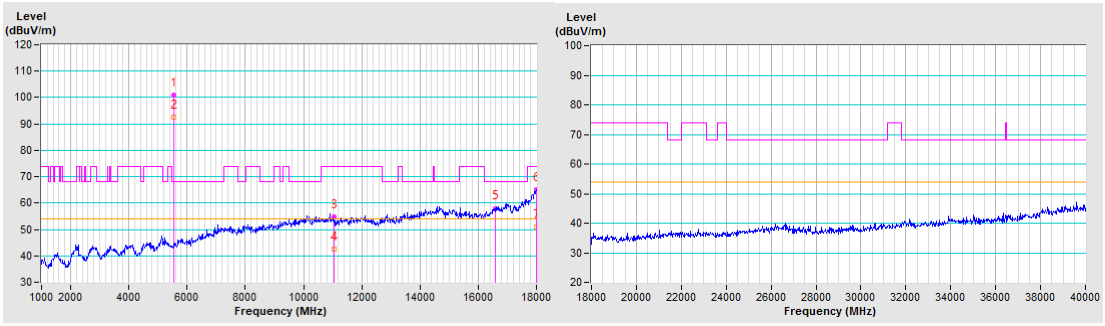


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5530.00	100.9 PK			2.48 H	204	98.3	2.6
2	*5530.00	92.4 AV			2.48 H	204	89.8	2.6
3	11060.00	54.7 PK	74.0	-19.3	2.07 H	146	42.6	12.1
4	11060.00	42.4 AV	54.0	-11.6	2.07 H	146	30.3	12.1
5	#16590.00	58.0 PK	68.2	-10.2	1.43 H	182	43.8	14.2
6	17987.25	65.1 PK	74.0	-8.9	1.46 H	115	43.5	21.6
7	17987.25	50.8 AV	54.0	-3.2	1.46 H	115	29.2	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

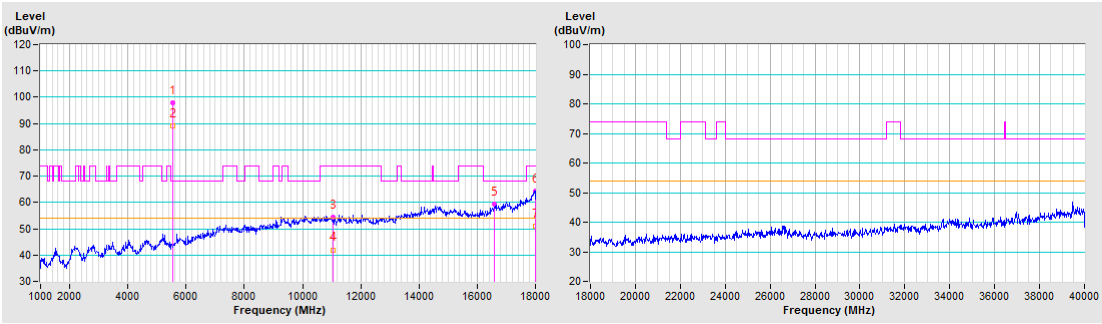


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5530.00	97.8 PK			3.51 V	301	95.2	2.6
2	*5530.00	89.2 AV			3.51 V	301	86.6	2.6
3	11060.00	54.4 PK	74.0	-19.6	1.36 V	211	42.3	12.1
4	11060.00	42.0 AV	54.0	-12.0	1.36 V	211	29.9	12.1
5	#16590.00	59.3 PK	68.2	-8.9	1.97 V	142	45.1	14.2
6	17987.25	64.2 PK	74.0	-9.8	2.11 V	147	42.6	21.6
7	17987.25	50.8 AV	54.0	-3.2	2.11 V	147	29.2	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

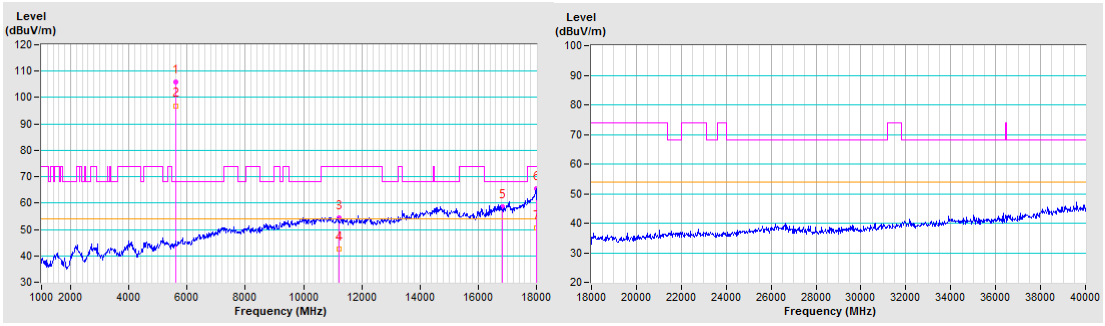


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	106.0 PK			1.50 H	184	103.2	2.8
2	*5610.00	96.9 AV			1.50 H	184	94.1	2.8
3	11220.00	54.3 PK	74.0	-19.7	2.02 H	165	42.0	12.3
4	11220.00	42.4 AV	54.0	-11.6	2.02 H	165	30.1	12.3
5	#16830.00	58.6 PK	68.2	-9.6	1.43 H	164	44.0	14.6
6	17997.03	65.3 PK	74.0	-8.7	1.40 H	146	43.4	21.9
7	17997.03	50.7 AV	54.0	-3.3	1.40 H	146	28.8	21.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

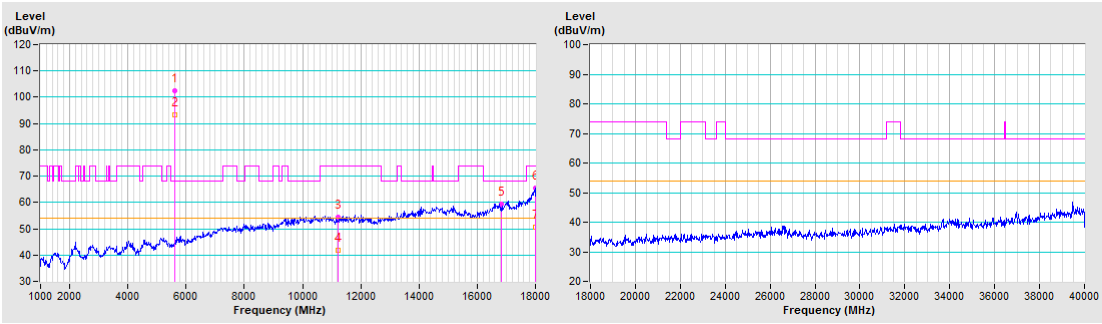


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	102.5 PK			1.14 V	301	99.7	2.8
2	*5610.00	93.2 AV			1.14 V	301	90.4	2.8
3	11220.00	54.4 PK	74.0	-19.6	1.41 V	223	42.1	12.3
4	11220.00	41.8 AV	54.0	-12.2	1.41 V	223	29.5	12.3
5	#16830.00	59.4 PK	68.2	-8.8	2.00 V	151	44.8	14.6
6	17992.78	65.5 PK	74.0	-8.5	1.96 V	96	43.7	21.8
7	17992.78	50.6 AV	54.0	-3.4	1.96 V	96	28.8	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

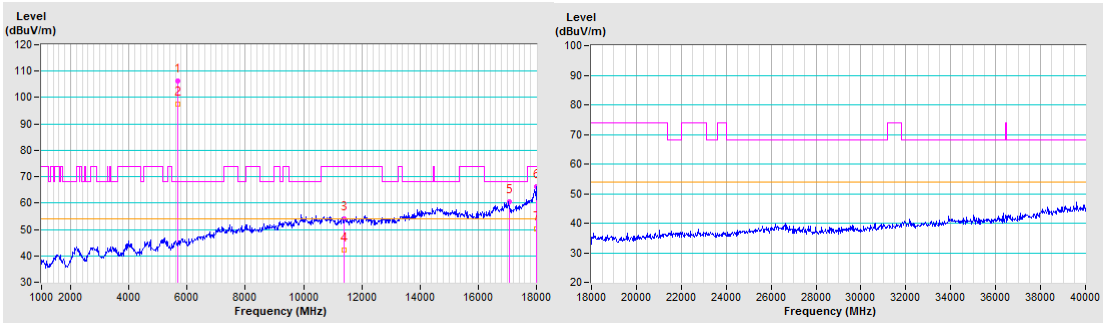


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	106.2 PK			1.50 H	183	103.3	2.9
2	*5690.00	97.5 AV			1.50 H	183	94.6	2.9
3	11380.00	54.1 PK	74.0	-19.9	2.06 H	153	41.2	12.9
4	11380.00	42.1 AV	54.0	-11.9	2.06 H	153	29.2	12.9
5	#17070.00	60.6 PK	68.2	-7.6	1.45 H	185	44.5	16.1
6	17994.47	66.1 PK	74.0	-7.9	1.45 H	235	44.3	21.8
7	17994.47	50.3 AV	54.0	-3.7	1.45 H	235	28.5	21.8

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

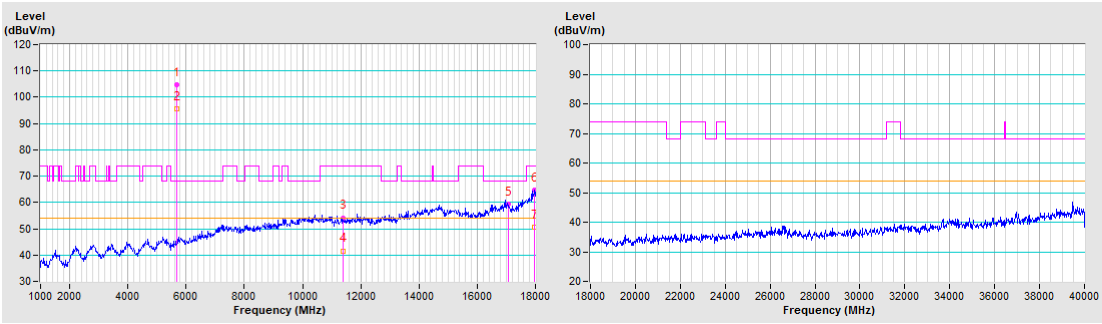


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5690.00	104.6 PK			2.35 V	173	101.7	2.9
2	*5690.00	95.7 AV			2.35 V	173	92.8	2.9
3	11380.00	54.2 PK	74.0	-19.8	1.39 V	220	41.3	12.9
4	11380.00	41.6 AV	54.0	-12.4	1.39 V	220	28.7	12.9
5	#17070.00	59.4 PK	68.2	-8.8	1.99 V	157	43.3	16.1
6	17970.25	64.7 PK	74.0	-9.3	2.33 V	137	43.3	21.4
7	17970.25	50.7 AV	54.0	-3.3	2.33 V	137	29.3	21.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

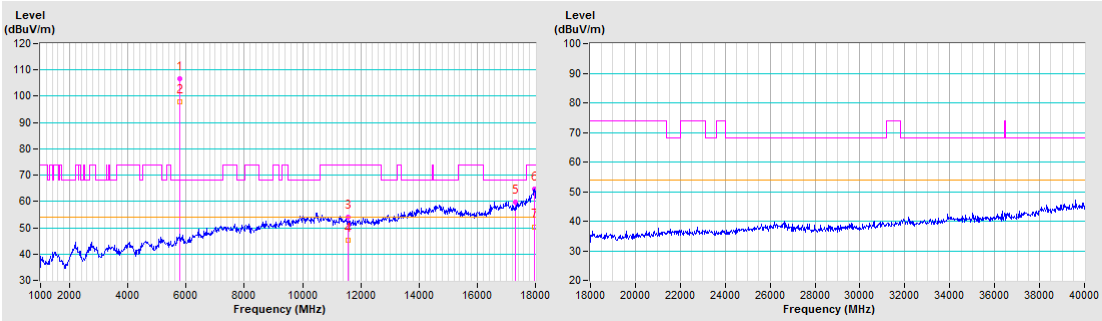


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	106.7 PK			1.53 H	190	103.7	3.0
2	*5775.00	97.7 AV			1.53 H	190	94.7	3.0
3	11550.00	53.9 PK	74.0	-20.1	1.62 H	227	41.5	12.4
4	11550.00	45.3 AV	54.0	-8.7	1.62 H	227	32.9	12.4
5	#17325.00	59.8 PK	68.2	-8.4	1.77 H	102	44.1	15.7
6	17981.72	64.6 PK	74.0	-9.4	1.49 H	311	43.0	21.6
7	17981.72	50.4 AV	54.0	-3.6	1.49 H	311	28.8	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.

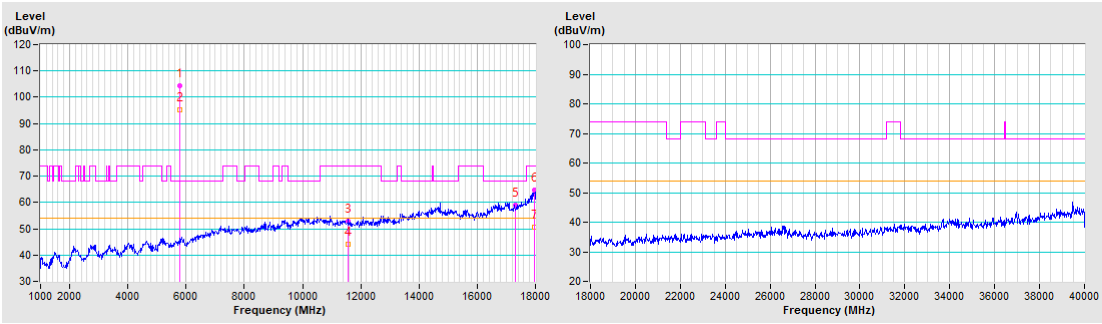


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	104.5 PK			2.57 V	171	101.5	3.0
2	*5775.00	95.2 AV			2.57 V	171	92.2	3.0
3	11550.00	52.7 PK	74.0	-21.3	2.74 V	155	40.3	12.4
4	11550.00	44.2 AV	54.0	-9.8	2.74 V	155	31.8	12.4
5	#17325.00	58.8 PK	68.2	-9.4	2.07 V	243	43.1	15.7
6	17981.72	64.6 PK	74.0	-9.4	1.33 V	244	43.0	21.6
7	17981.72	50.7 AV	54.0	-3.3	1.33 V	244	29.1	21.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency
6. " # ": The radiated frequency is out of the restricted band.



4.1.8 Test Results for Bandedge above 1GHz

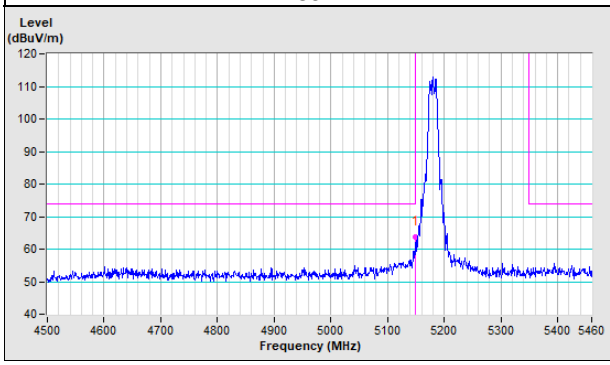
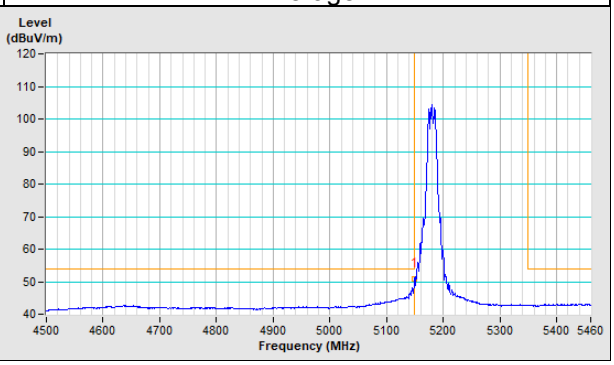
802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	63.8 PK	74.0	-10.2	1.42 H	187	61.2	2.6
AV.1	5150.00	50.9 AV	54.0	-3.1	1.42 H	187	48.3	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

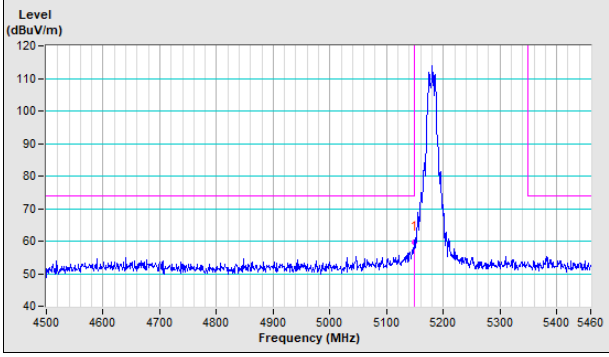
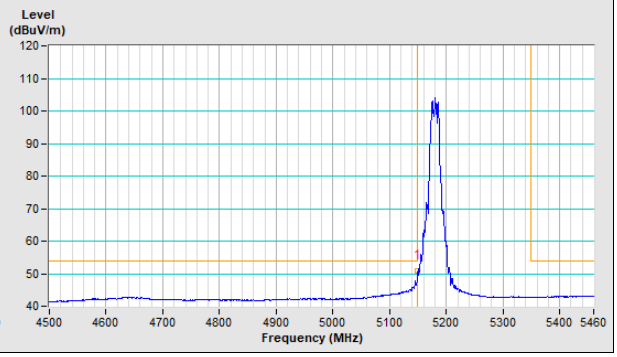
Peak	Average
	

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	59.6 PK	74.0	-14.4	3.12 V	161	57.0	2.6
AV.1	5150.00	51.0 AV	54.0	-3.0	3.12 V	161	48.4	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

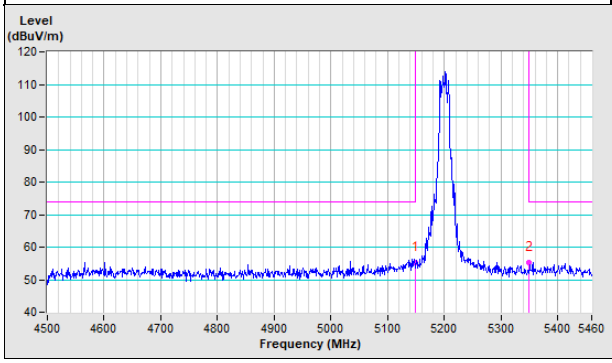
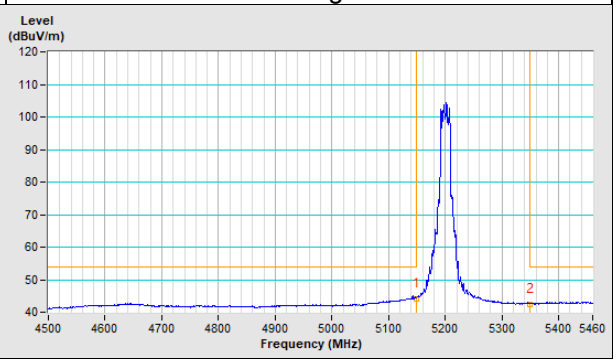
Peak	Average
	

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.4 PK	74.0	-18.6	1.15 H	185	52.8	2.6
PK.2	5350.00	55.4 PK	74.0	-18.6	1.15 H	185	53.1	2.3
AV.1	5150.00	44.2 AV	54.0	-9.8	1.15 H	185	41.6	2.6
AV.2	5350.00	42.4 AV	54.0	-11.6	1.15 H	185	40.1	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

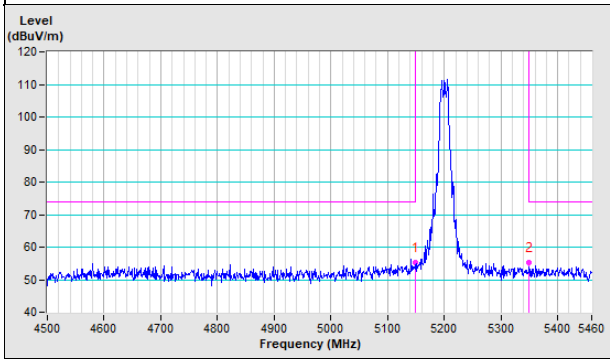
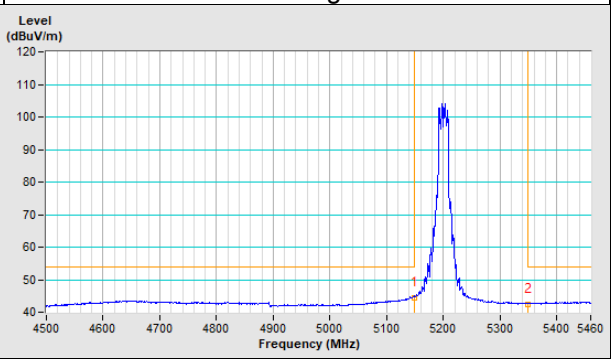
Peak	Average
	

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.1 PK	74.0	-18.9	3.08 V	159	52.5	2.6
PK.2	5350.00	55.1 PK	74.0	-18.9	3.08 V	159	52.8	2.3
AV.1	5150.00	44.4 AV	54.0	-9.6	3.08 V	159	41.8	2.6
AV.2	5350.00	42.5 AV	54.0	-11.5	3.08 V	159	40.2	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

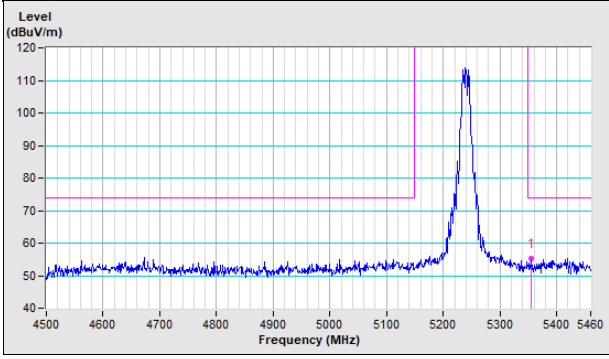
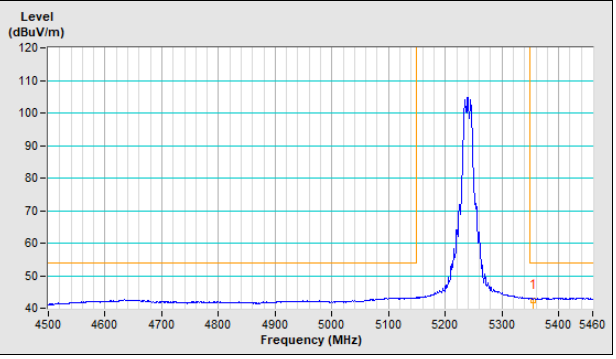
Peak	Average
	

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5354.23	55.1 PK	74.0	-18.9	1.27 H	186	52.7	2.4
AV.1	5354.23	42.5 AV	54.0	-11.5	1.27 H	186	40.1	2.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

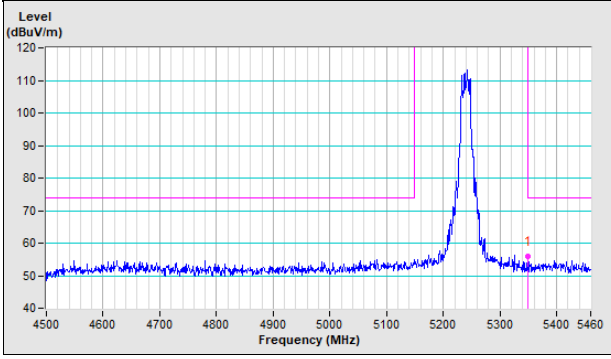
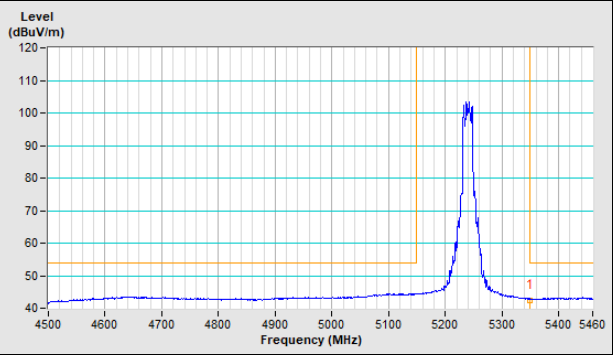
Peak	Average
	

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5350.00	55.8 PK	74.0	-18.2	3.12 V	167	53.5	2.3
AV.1	5350.00	42.5 AV	54.0	-11.5	3.12 V	167	40.2	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

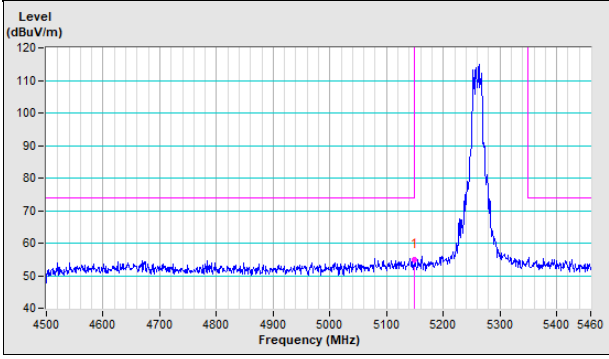
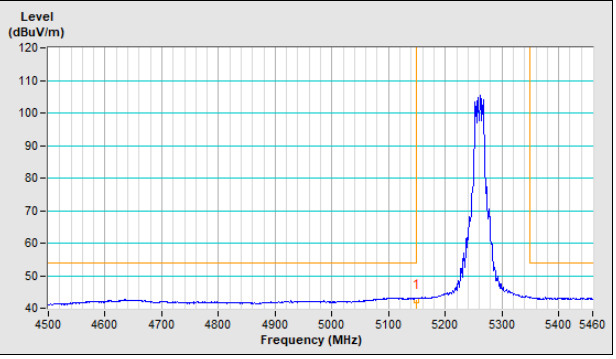
Peak	Average
	

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.0 PK	74.0	-19.0	1.24 H	185	52.4	2.6
AV.1	5150.00	42.5 AV	54.0	-11.5	1.24 H	185	39.9	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

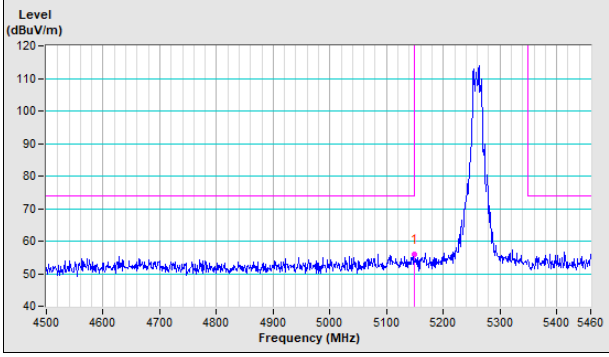
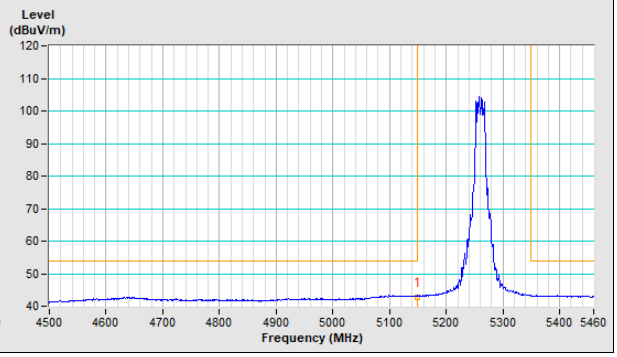
Peak	Average
	

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.8 PK	74.0	-18.2	2.93 V	167	53.2	2.6
AV.1	5150.00	42.6 AV	54.0	-11.4	1.93 V	167	40.0	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

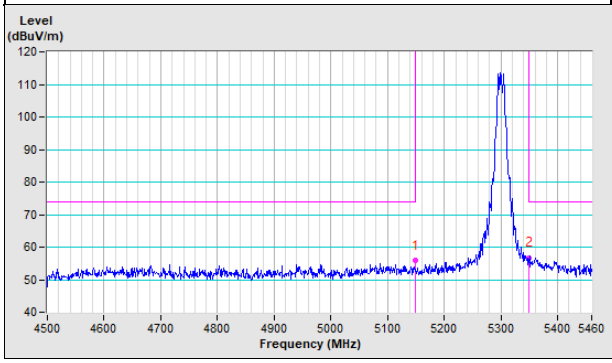
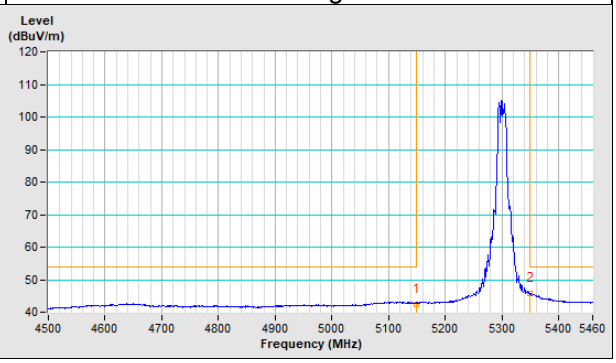
Peak	Average
	

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.8 PK	74.0	-18.2	1.38 H	197	53.2	2.6
PK.2	5350.00	56.6 PK	74.0	-17.4	1.38 H	197	54.3	2.3
AV.1	5150.00	42.5 AV	54.0	-11.5	1.38 H	197	39.9	2.6
AV.2	5350.00	45.7 AV	54.0	-8.3	1.38 H	197	43.4	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

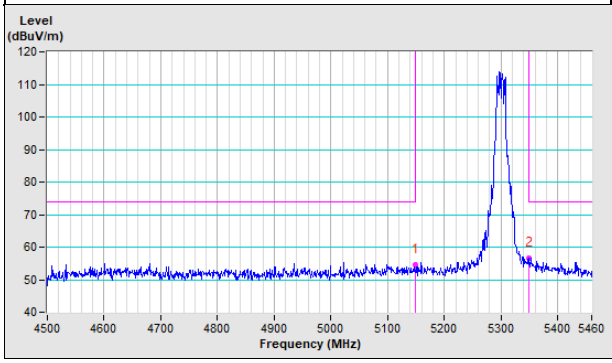
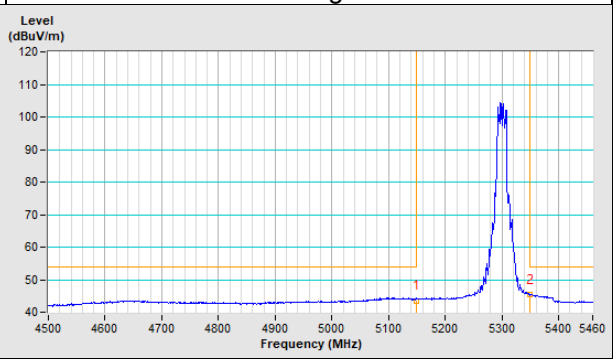
Peak	Average
	

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	54.7 PK	74.0	-19.3	2.91 V	170	52.1	2.6
PK.2	5350.00	56.7 PK	74.0	-17.3	2.91 V	170	54.4	2.3
AV.1	5150.00	43.5 AV	54.0	-10.5	2.91 V	170	40.9	2.6
AV.2	5350.00	45.3 AV	54.0	-8.7	2.91 V	170	43.0	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

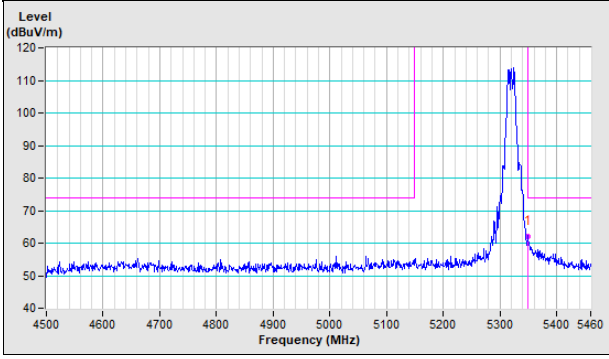
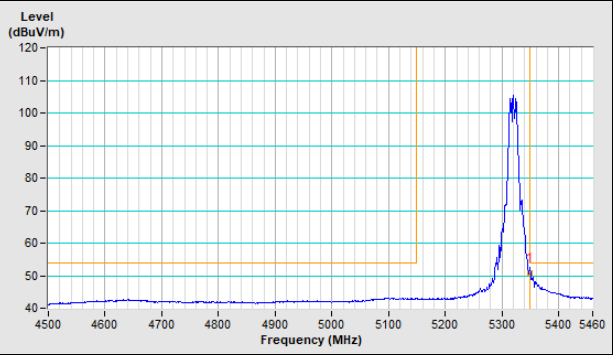
Peak	Average
	

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5350.00	62.1 PK	74.0	-11.9	1.27 H	181	59.8	2.3
AV.1	5350.00	50.7 AV	54.0	-3.3	1.27 H	181	48.4	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

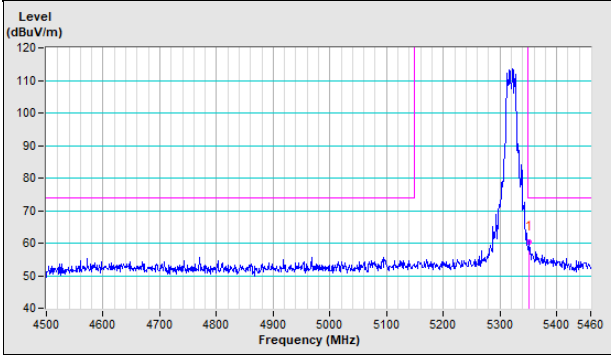
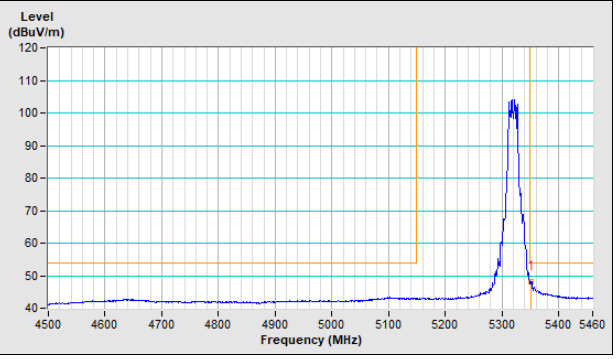
Peak	Average
	

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5351.80	60.3 PK	74.0	-13.7	2.97 V	182	58.0	2.3
AV.1	5351.80	48.3 AV	54.0	-5.7	2.97 V	182	46.0	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

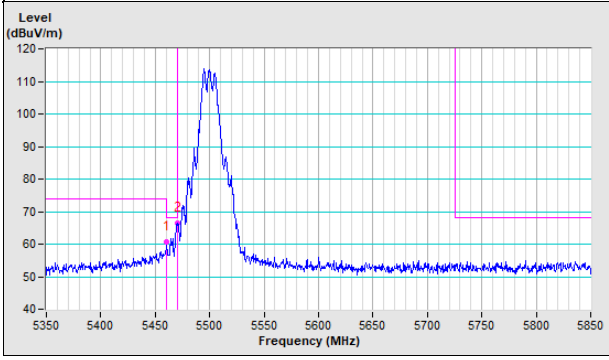
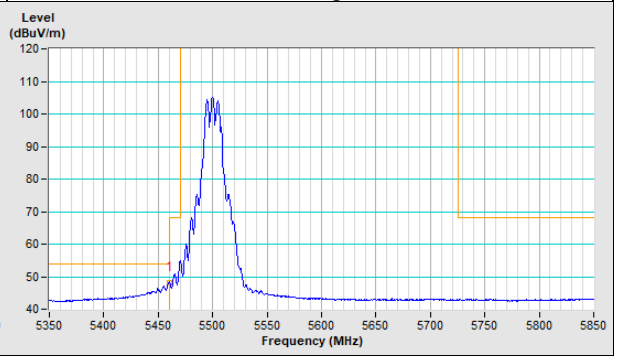
Peak	Average
	

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	60.7 PK	74.0	-13.3	1.38 H	185	58.1	2.6
PK.2	**#5470.00**	**66.6 PK**	**68.2**	**-1.6**	**1.38 H**	**185**	**64.0**	**2.6**
AV.1	5460.00	48.1 AV	54.0	-5.9	1.38 H	185	45.5	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

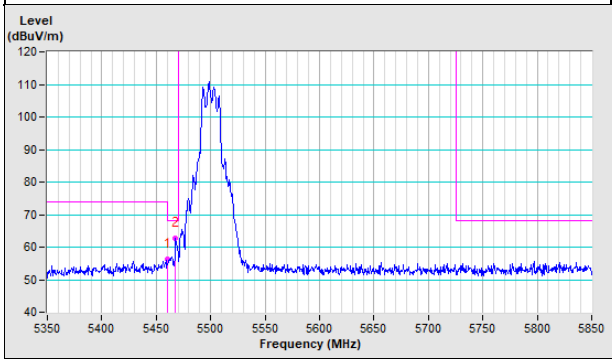
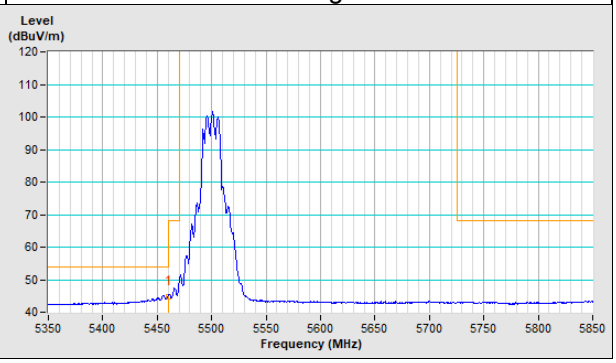
Peak	Average
	

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	56.4 PK	74.0	-17.6	3.29 V	289	53.8	2.6
PK.2	#5467.76	62.7 PK	68.2	-5.5	3.29 V	289	60.1	2.6
AV.1	5460.00	44.9 AV	54.0	-9.1	3.29 V	289	42.3	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

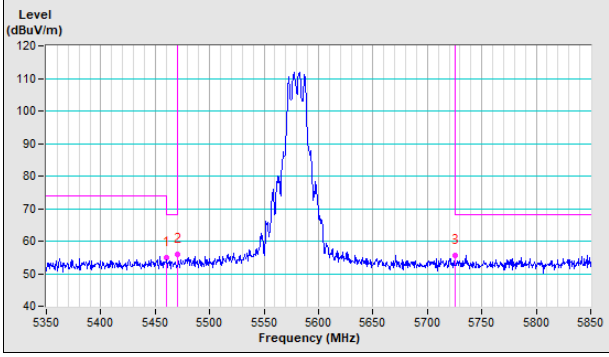
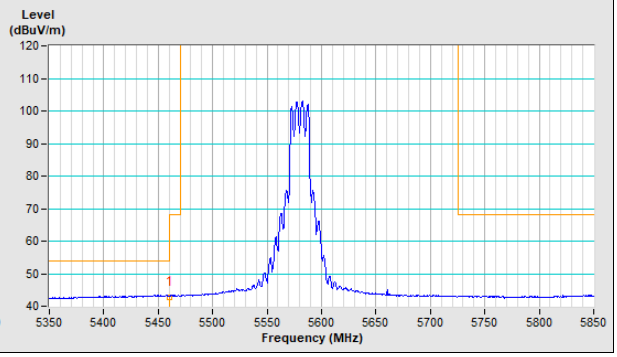
Peak	Average
	

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	55.0 PK	74.0	-19.0	1.31 H	183	52.4	2.6
PK.2	#5470.00	55.9 PK	68.2	-12.3	1.31 H	183	53.3	2.6
PK.3	#5725.00	55.6 PK	68.2	-12.6	1.31 H	183	52.7	2.9
AV.1	5460.00	42.7 AV	54.0	-11.3	1.31 H	183	40.1	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

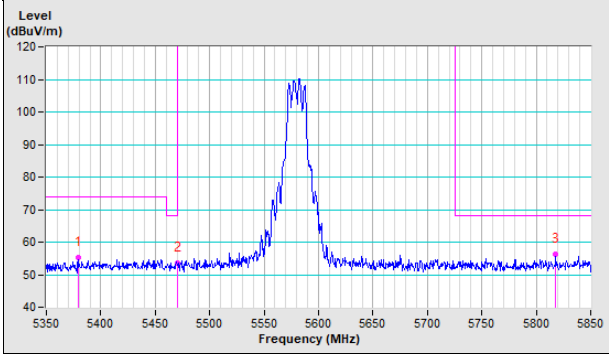
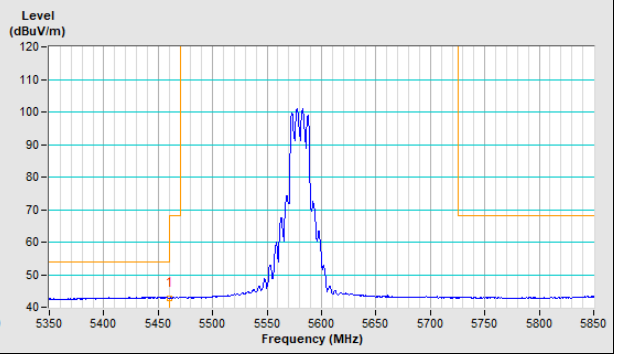
Peak	Average
	

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5379.79	55.3 PK	74.0	-18.7	N/A V	N/A	52.9	2.4
PK.2	#5470.00	53.7 PK	68.2	-14.5	2.61 V	168	51.1	2.6
PK.3	#5817.66	56.4 PK	68.2	-11.8	2.61 V	168	53.3	3.1
AV.1	5460.00	42.7 AV	54.0	-11.3	2.61 V	168	40.1	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

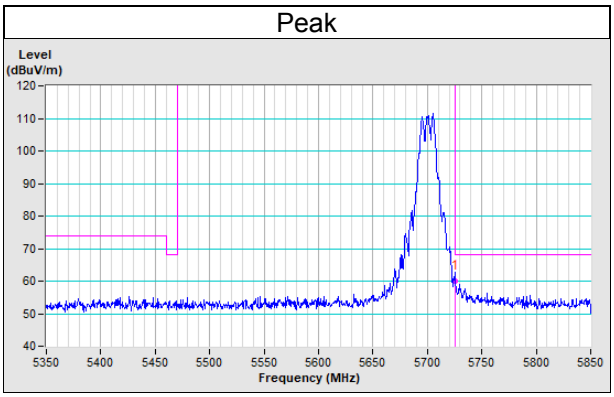
Peak	Average
	

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5725.00	60.0 PK	68.2	-8.2	1.57 H	185	57.1	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

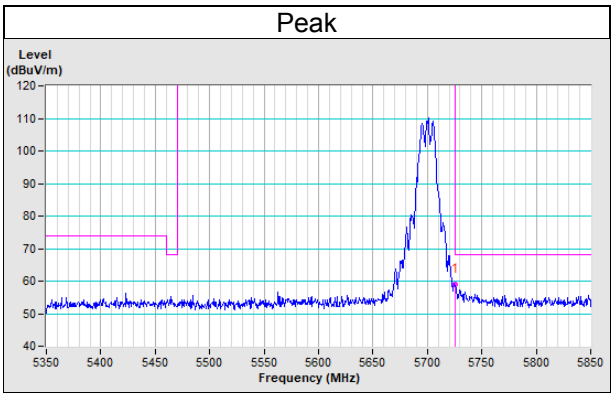


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5725.00	59.1 PK	68.2	-9.1	2.67 V	159	56.2	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

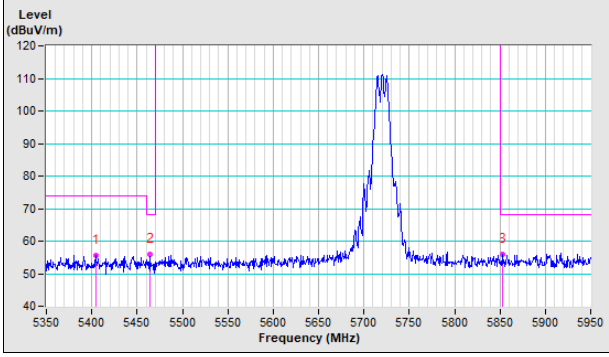
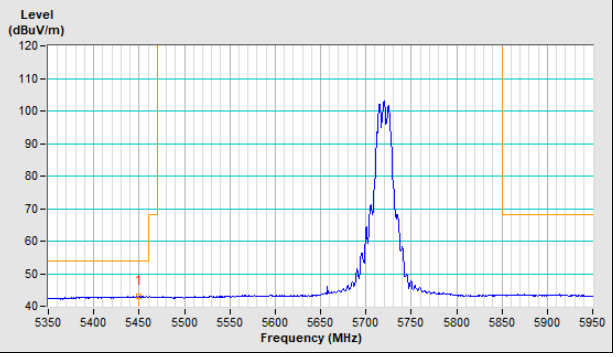


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5404.49	55.7 PK	74.0	-18.3	1.32 H	183	53.2	2.5
PK.2	#5463.73	56.1 PK	68.2	-12.1	1.32 H	183	53.5	2.6
PK.3	#5853.40	55.9 PK	68.2	-12.3	1.32 H	183	52.6	3.3
AV.1	5449.39	43.0 AV	54.0	-11.0	1.32 H	183	40.3	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

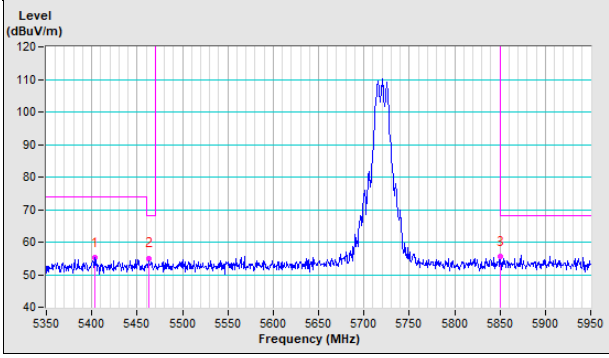
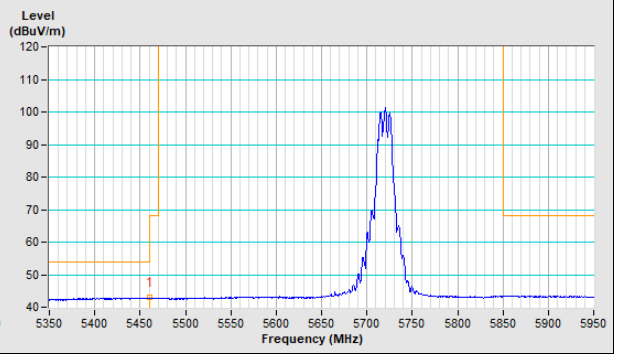
Peak	Average
	

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5403.67	55.1 PK	74.0	-18.9	2.48 V	168	52.6	2.5
PK.2	#5463.10	55.0 PK	68.2	-13.2	2.48 V	168	52.4	2.6
PK.3	#5850.00	55.5 PK	68.2	-12.7	2.48 V	168	52.2	3.3
AV.1	5460.00	42.9 AV	54.0	-11.1	2.48 V	168	40.3	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

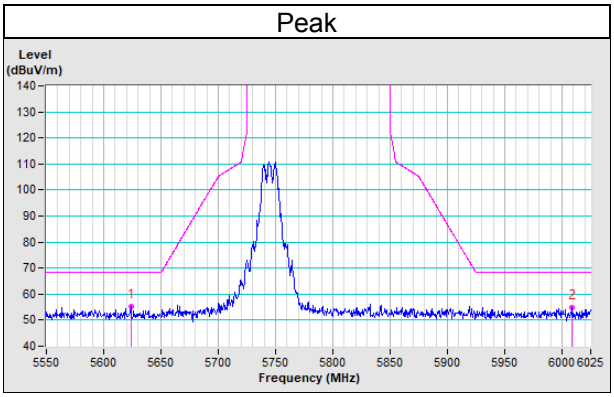
Peak	Average
	

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5623.58	55.2 PK	68.2	-13.0	1.45 H	188	52.4	2.8
PK.2	#6009.06	55.0 PK	68.2	-13.2	1.45 H	188	51.8	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

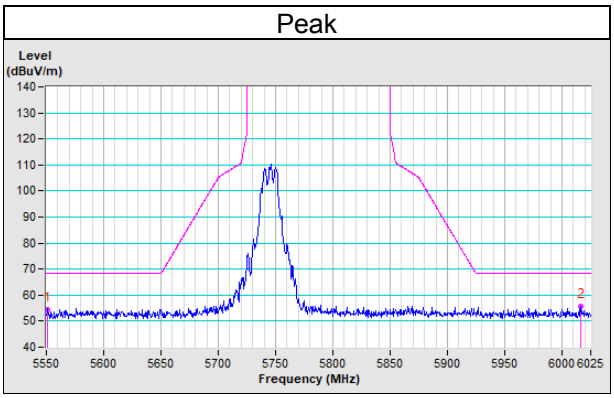


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5551.16	54.6 PK	68.2	-13.6	2.58 V	169	51.9	2.7
PK.2	#6016.50	55.6 PK	68.2	-12.6	2.58 V	169	52.4	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

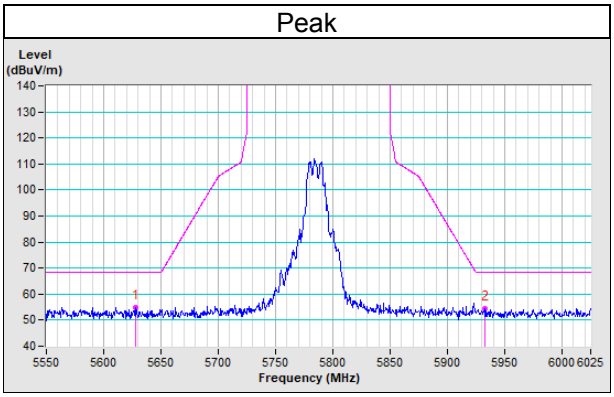


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5628.32	55.0 PK	68.2	-13.2	1.45 H	184	52.2	2.8
PK.2	#5932.42	54.5 PK	68.2	-13.7	1.45 H	184	51.1	3.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



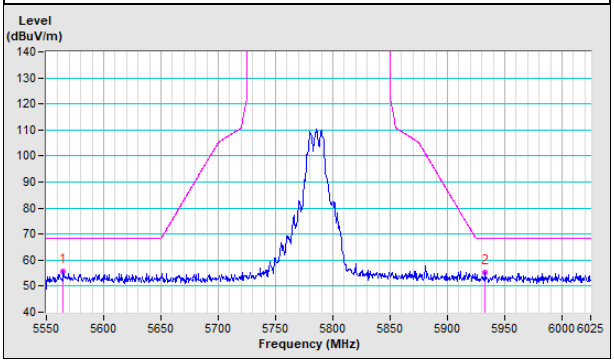
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5564.86	55.8 PK	68.2	-12.4	2.54 V	170	53.0	2.8
PK.2	#5932.97	55.2 PK	68.2	-13.0	2.54 V	170	51.8	3.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak

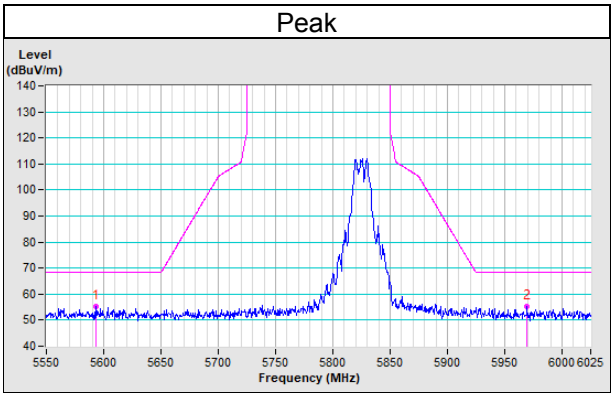


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5593.53	55.1 PK	68.2	-13.1	1.50 H	182	52.3	2.8
PK.2	#5969.52	55.1 PK	68.2	-13.1	1.50 H	182	51.9	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



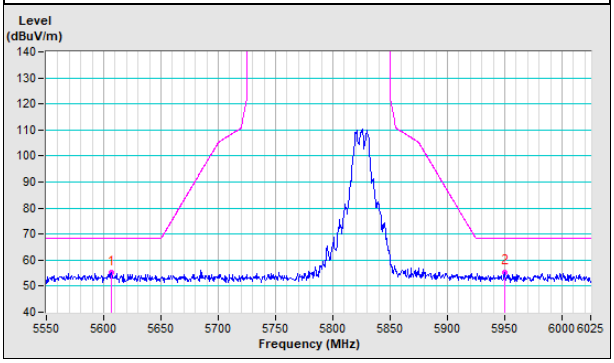
CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5606.80	55.1 PK	68.2	-13.1	2.77 V	168	52.3	2.8
PK.2	#5949.56	55.4 PK	68.2	-12.8	2.77 V	168	52.2	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak



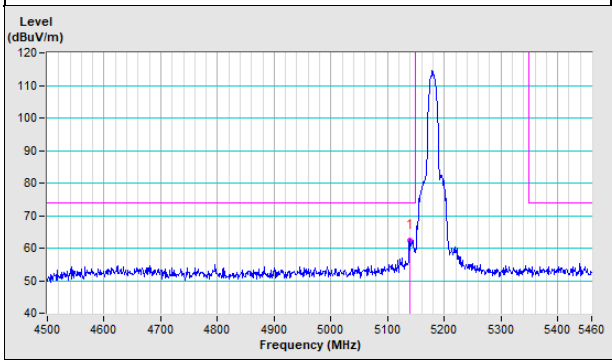
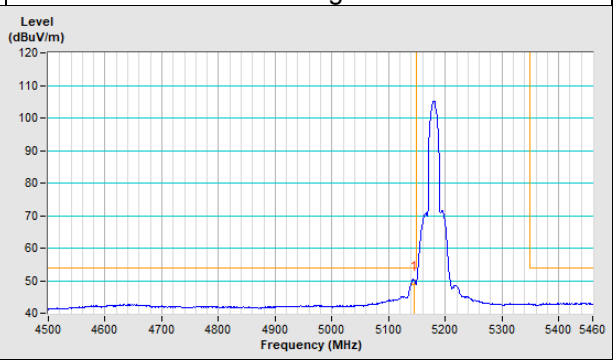
802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5139.79	62.5 PK	74.0	-11.5	1.35 H	187	59.9	2.6
AV.1	5144.60	49.5 AV	54.0	-4.5	1.35 H	187	46.9	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

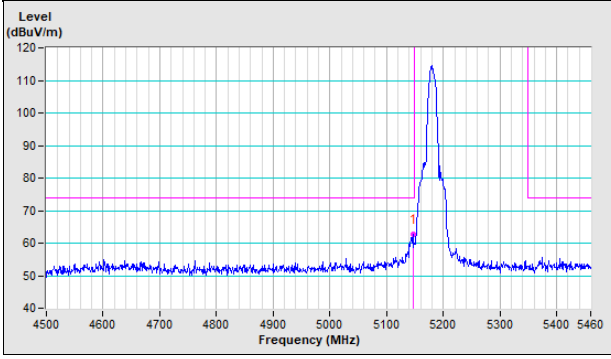
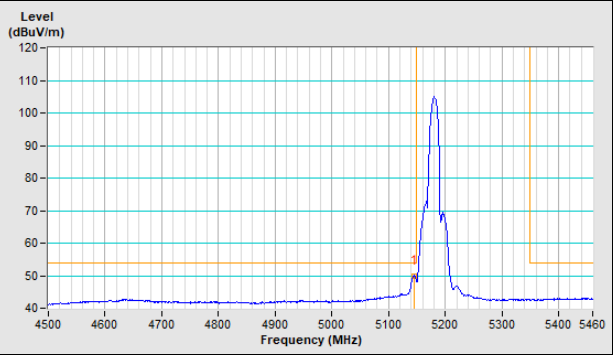
Peak	Average
	

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5147.16	62.6 PK	74.0	-11.4	2.92 V	158	60.0	2.6
AV.1	5145.40	49.9 AV	54.0	-4.1	2.92 V	158	47.3	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

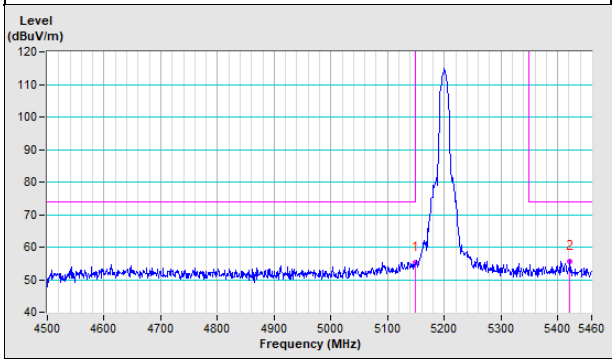
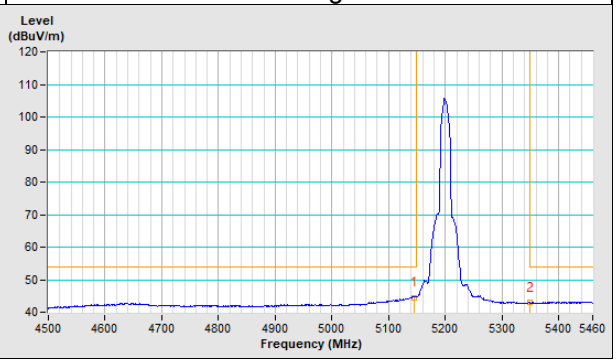
Peak	Average
	

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.4 PK	74.0	-18.6	1.39 H	197	52.8	2.6
PK.2	5422.10	55.7 PK	74.0	-18.3	1.39 H	197	53.2	2.5
AV.1	5144.35	44.4 AV	54.0	-9.6	1.39 H	197	41.8	2.6
AV.2	5350.00	42.9 AV	54.0	-11.1	1.39 H	197	40.6	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

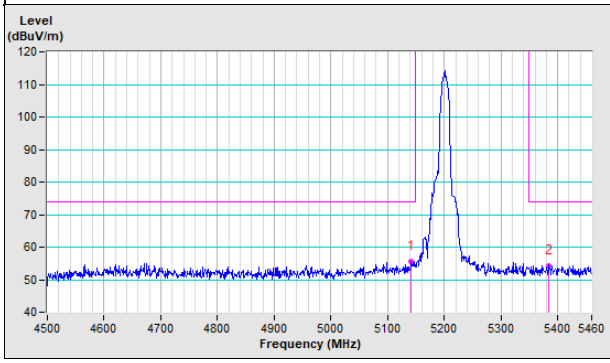
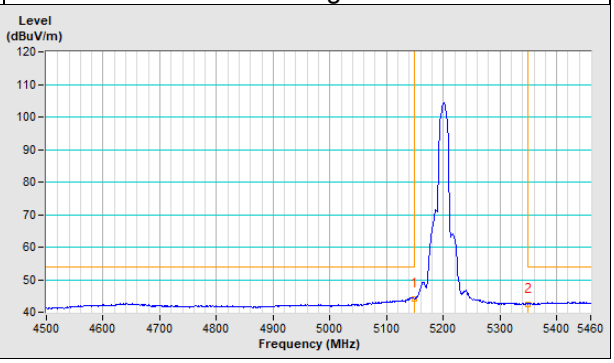
Peak	Average
	

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5141.42	55.6 PK	74.0	-18.4	2.89 V	162	53.0	2.6
PK.2	5384.59	54.4 PK	74.0	-19.6	2.89 V	162	52.0	2.4
AV.1	5150.00	44.0 AV	54.0	-10.0	2.89 V	162	41.4	2.6
AV.2	5350.00	42.5 AV	54.0	-11.5	2.89 V	162	40.2	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

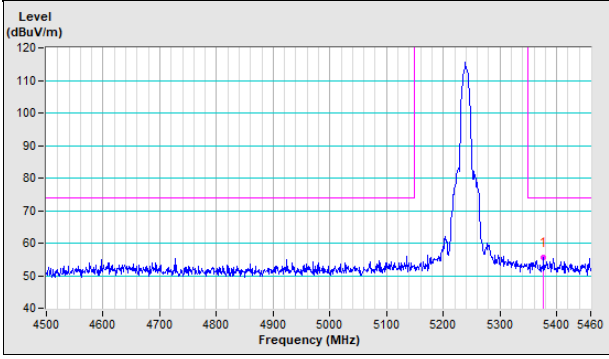
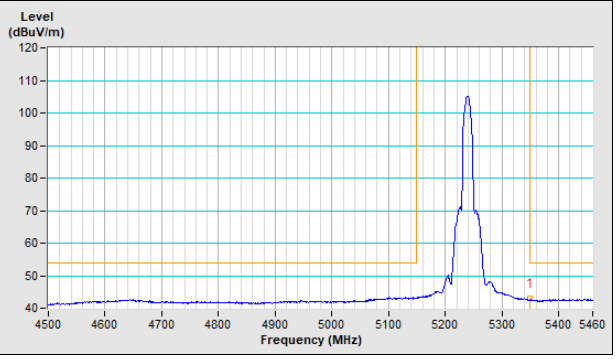
Peak	Average
	

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5375.76	55.5 PK	74.0	-18.5	1.40 H	194	53.1	2.4
AV.1	5350.00	42.9 AV	54.0	-11.1	1.40 H	194	40.6	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

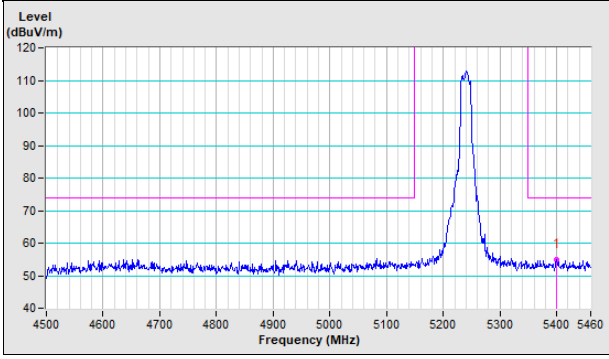
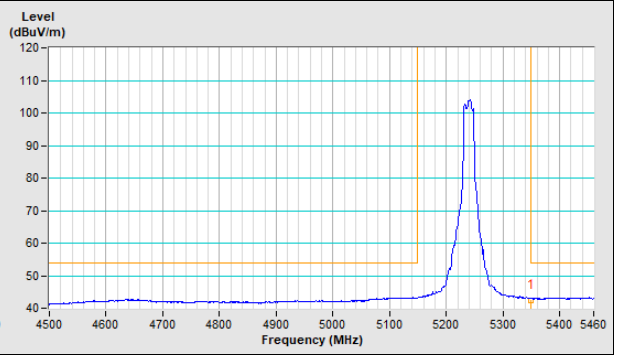
Peak	Average
	

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5400.17	55.0 PK	74.0	-19.0	2.95 V	143	52.5	2.5
AV.1	5350.00	42.5 AV	54.0	-11.5	2.95 V	143	40.2	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

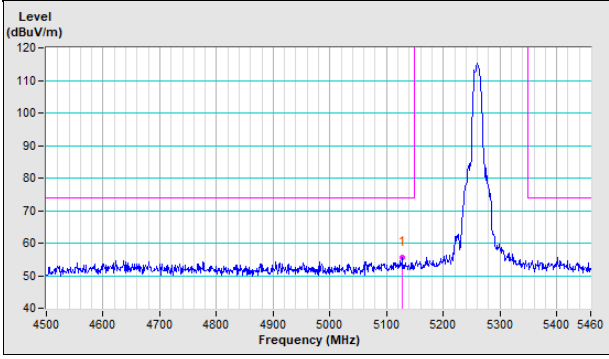
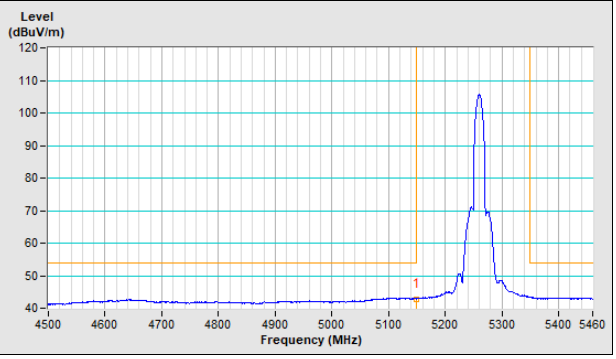
Peak	Average
	

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5127.43	55.7 PK	74.0	-18.3	1.21 H	183	53.0	2.7
AV.1	5150.00	42.8 AV	54.0	-11.2	1.21 H	183	40.2	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

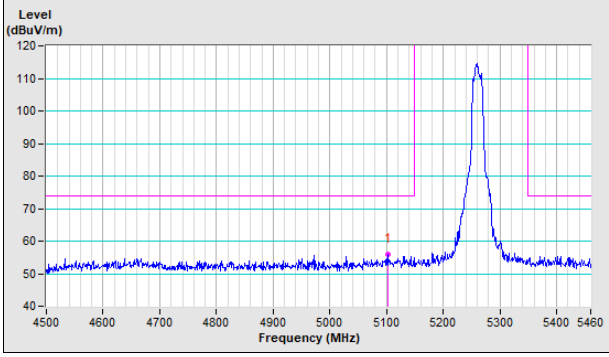
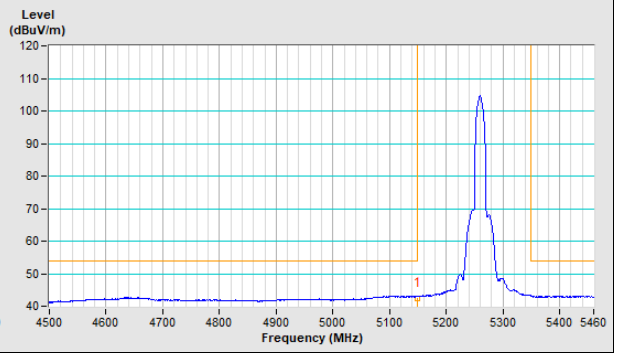
Peak	Average
	

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5102.21	55.9 PK	74.0	-18.1	2.85 V	166	53.2	2.7
AV.1	5150.00	42.5 AV	54.0	-11.5	2.85 V	166	39.9	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

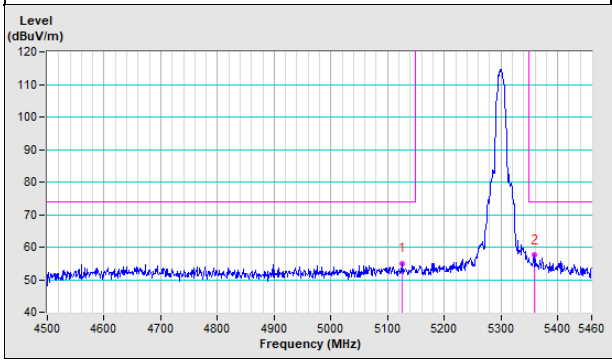
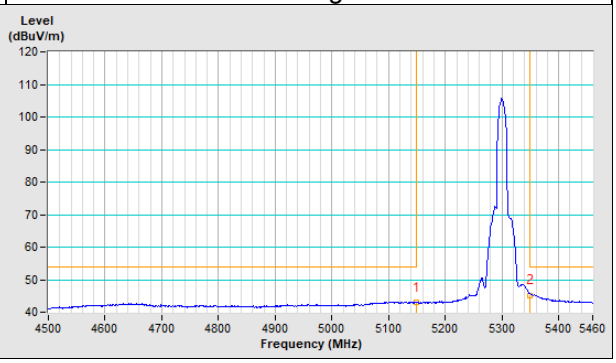
Peak	Average
	

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5125.61	55.0 PK	74.0	-19.0	1.38 H	217	52.3	2.7
PK.2	5358.07	57.5 PK	74.0	-16.5	1.38 H	217	55.1	2.4
AV.1	5150.00	42.9 AV	54.0	-11.1	1.38 H	217	40.3	2.6
AV.2	5350.00	45.2 AV	54.0	-8.8	1.38 H	217	42.9	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

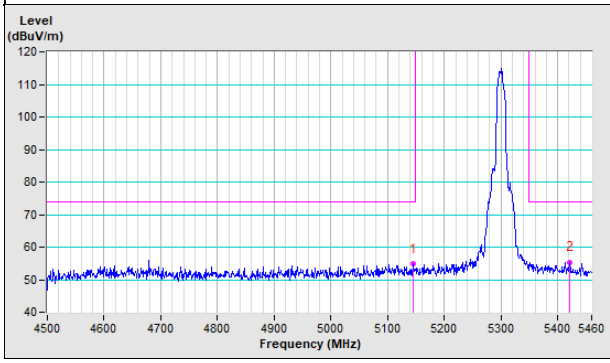
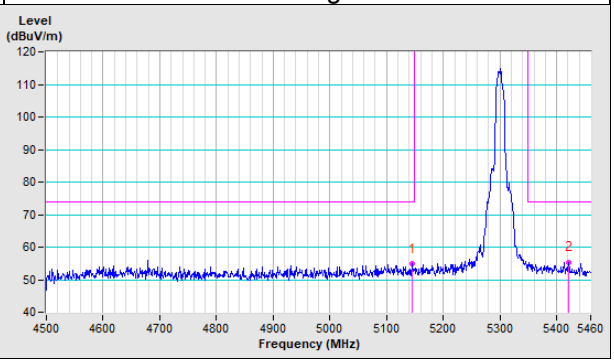
Peak	Average
	

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5144.42	54.8 PK	74.0	-19.2	2.90 V	157	52.2	2.6
PK.2	5421.22	55.2 PK	74.0	-18.8	2.90 V	157	52.7	2.5
AV.1	5150.00	42.4 AV	54.0	-11.6	2.90 V	157	39.8	2.6
AV.2	5350.00	44.3 AV	54.0	-9.7	2.90 V	157	42.0	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

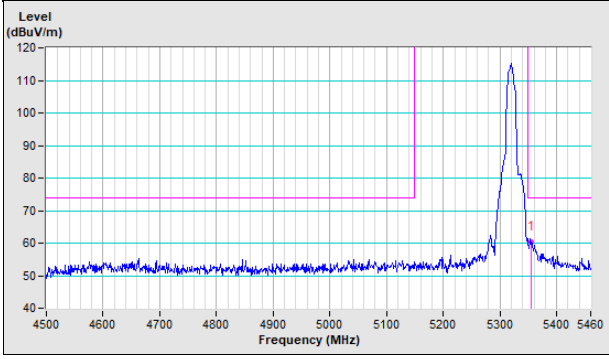
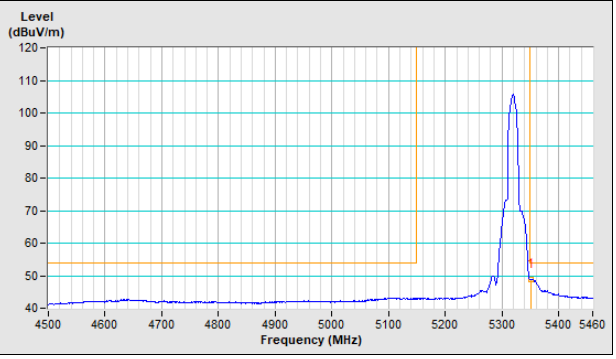
Peak	Average
	

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5355.48	60.4 PK	74.0	-13.6	1.28 H	195	58.0	2.4
AV.1	5351.40	48.9 AV	54.0	-5.1	1.28 H	195	46.6	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

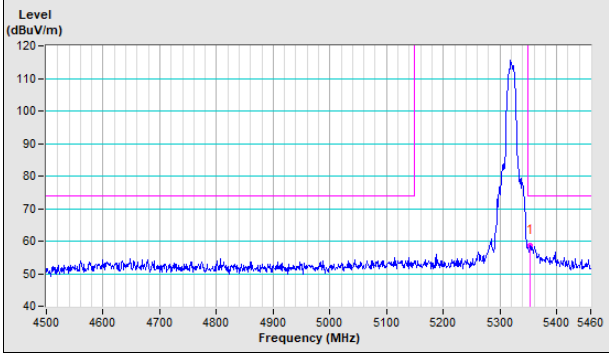
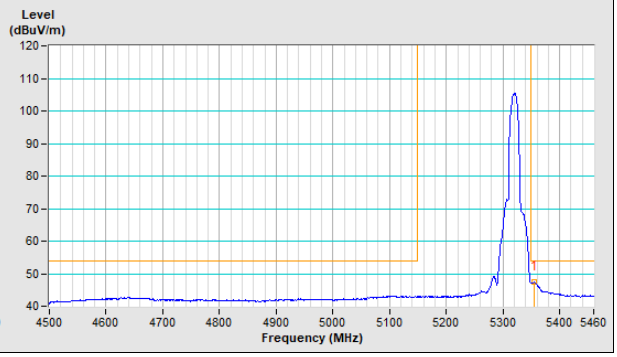
Peak	Average
	

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5354.04	58.8 PK	74.0	-15.2	2.82 V	167	56.4	2.4
AV.1	5355.10	47.5 AV	54.0	-6.5	2.82 V	167	45.1	2.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

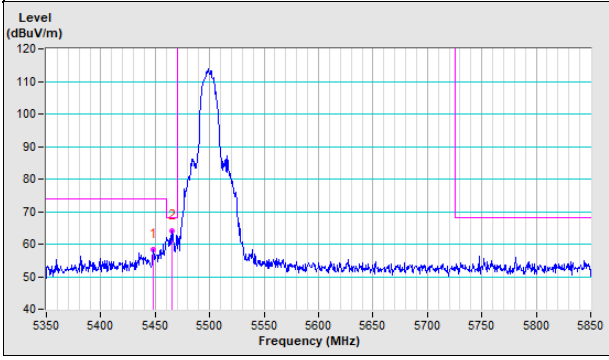
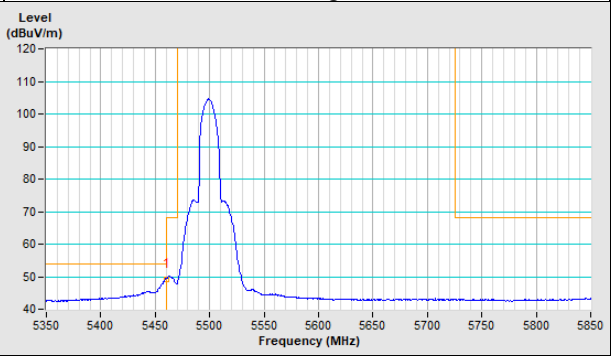
Peak	Average
	

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5448.09	58.4 PK	74.0	-15.6	1.20 H	197	55.7	2.7
PK.2	#5465.71	64.2 PK	68.2	-4.0	1.20 H	197	61.6	2.6
AV.1	5460.00	49.3 AV	54.0	-4.7	1.20 H	197	46.7	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

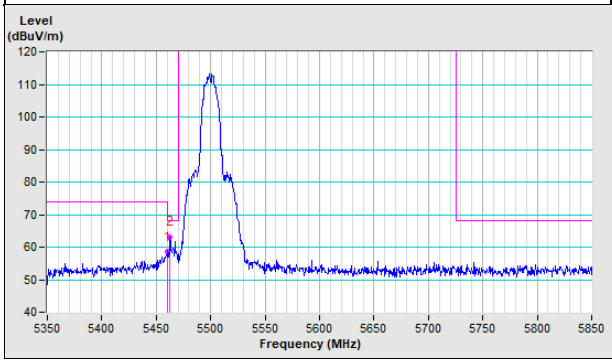
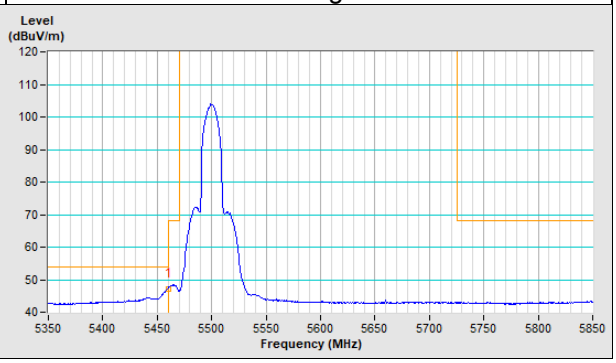
Peak	Average
	

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	58.5 PK	74.0	-15.5	2.78 V	165	55.9	2.6
PK.2	#5462.80	63.0 PK	68.2	-5.2	2.78 V	165	60.4	2.6
AV.1	5460.00	47.1 AV	54.0	-6.9	2.78 V	165	44.5	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

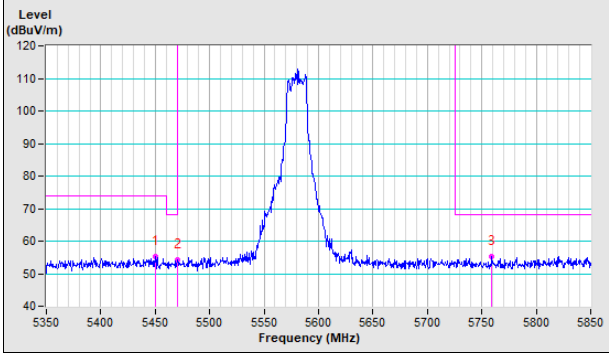
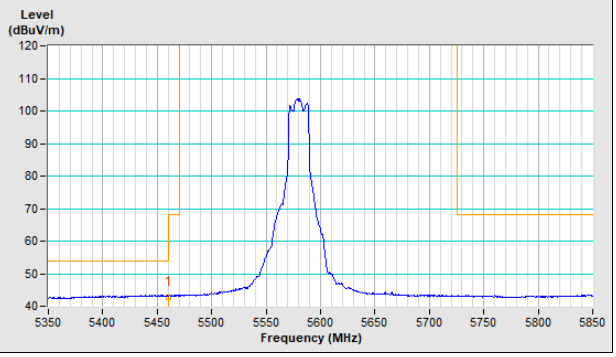
Peak	Average
	

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5450.12	55.2 PK	74.0	-18.8	1.38 H	189	52.5	2.7
PK.2	#5470.00	54.3 PK	68.2	-13.9	1.38 H	189	51.7	2.6
PK.3	#5759.09	55.3 PK	68.2	-12.9	1.38 H	189	52.3	3.0
AV.1	5460.00	42.8 AV	54.0	-11.2	1.38 H	189	40.2	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

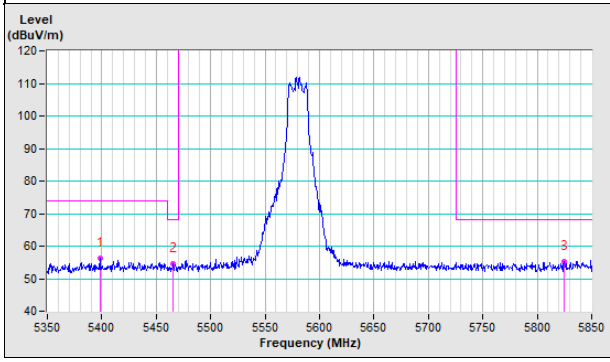
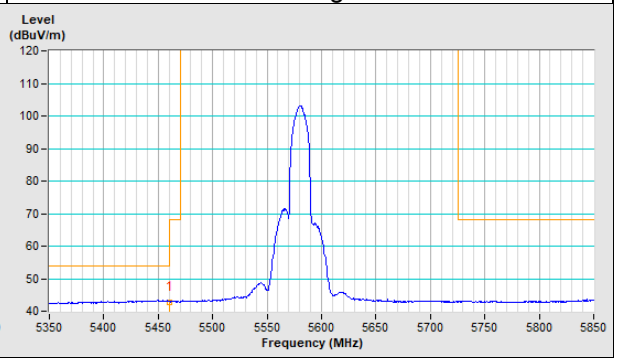
Peak	Average
	

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5398.16	56.2 PK	74.0	-17.8	2.81 V	178	53.7	2.5
PK.2	#5465.37	54.5 PK	68.2	-13.7	2.81 V	178	51.9	2.6
PK.3	#5825.01	55.2 PK	68.2	-13.0	2.81 V	178	52.0	3.2
AV.1	5460.00	42.7 AV	54.0	-11.3	2.81 V	178	40.1	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

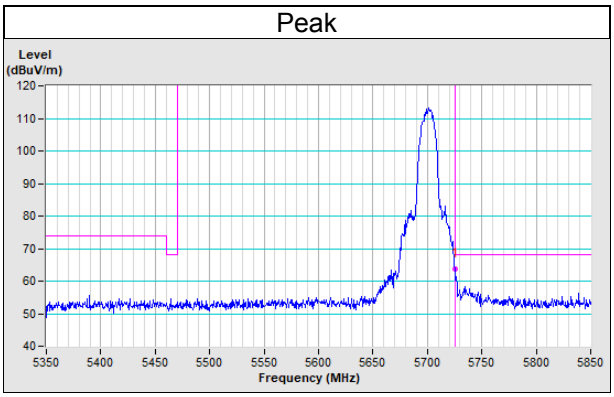
Peak	Average
	

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5725.00	63.7 PK	68.2	-4.5	1.58 H	183	60.8	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

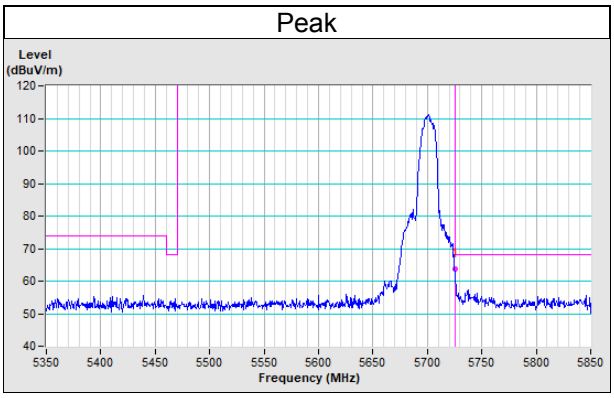


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5725.00	63.8 PK	68.2	-4.4	2.75 V	167	60.9	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

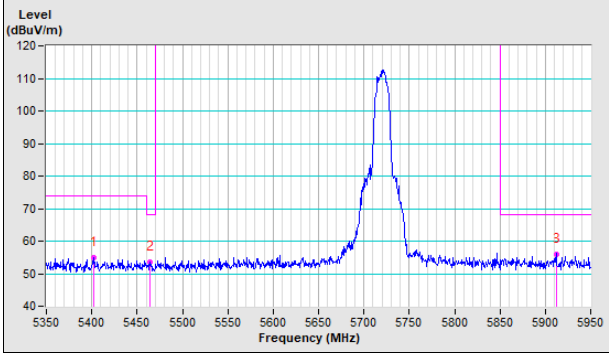
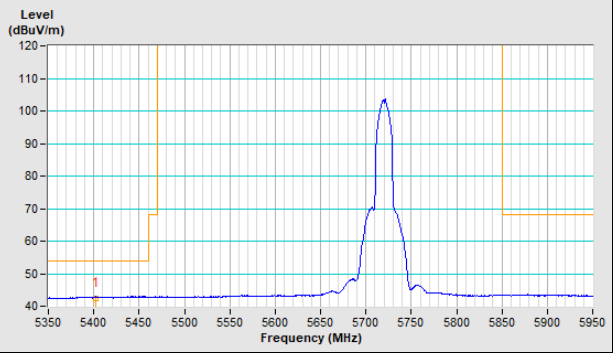


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5402.05	54.9 PK	74.0	-19.1	1.20 H	184	52.4	2.5
PK.2	#5464.06	53.7 PK	68.2	-14.5	1.20 H	184	51.1	2.6
PK.3	#5912.19	56.1 PK	68.2	-12.1	1.20 H	184	52.7	3.4
AV.1	5402.05	42.5 AV	54.0	-11.5	1.20 H	184	40.0	2.5

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

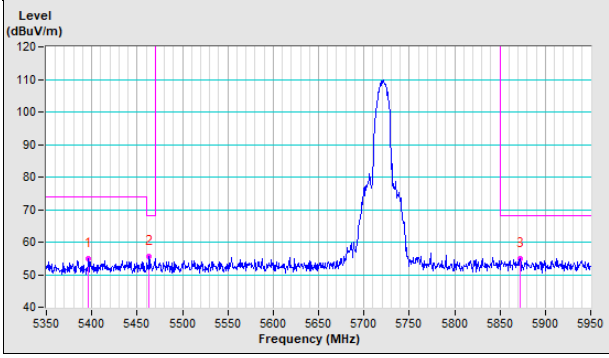
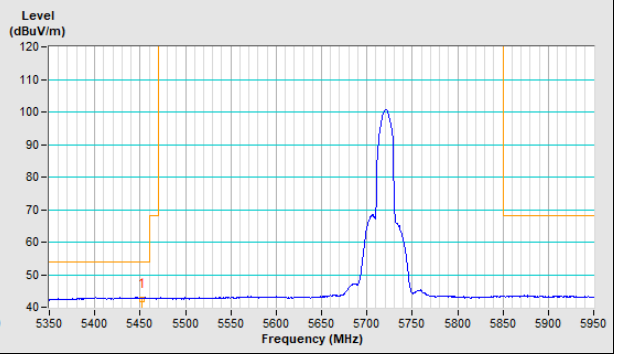
Peak	Average
	

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5396.65	55.0 PK	74.0	-19.0	1.59 V	169	52.5	2.5
PK.2	#5463.30	55.6 PK	68.2	-12.6	1.59 V	169	53.0	2.6
PK.3	#5872.09	55.0 PK	68.2	-13.2	1.59 V	169	51.6	3.4
AV.1	5451.60	42.5 AV	54.0	-11.5	1.59 V	169	39.8	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

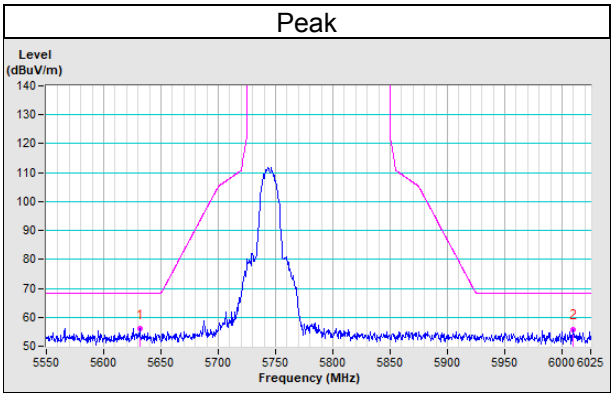
Peak	Average
	

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5631.60	56.2 PK	68.2	-12.0	1.41 H	174	53.4	2.8
PK.2	#6009.85	55.9 PK	68.2	-12.3	1.41 H	174	52.7	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



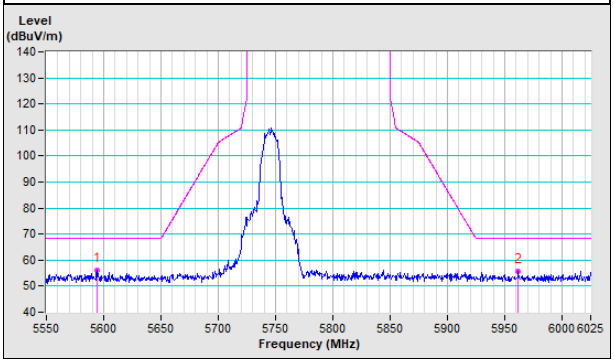
CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5593.81	56.0 PK	68.2	-12.2	2.70 V	175	53.2	2.8
PK.2	#5961.43	55.6 PK	68.2	-12.6	2.70 V	175	52.3	3.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak

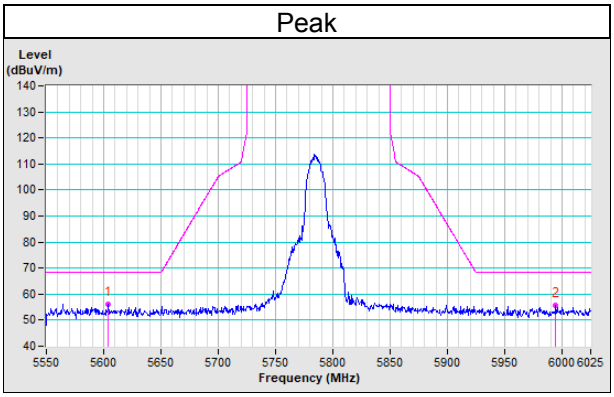


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5603.81	56.2 PK	68.2	-12.0	1.44 H	189	53.4	2.8
PK.2	#5994.46	55.7 PK	68.2	-12.5	1.44 H	189	52.5	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



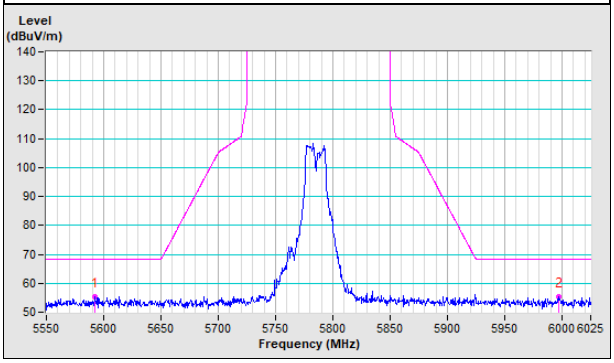
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5592.71	55.4 PK	68.2	-12.8	2.68 V	170	52.6	2.8
PK.2	#5997.37	55.3 PK	68.2	-12.9	2.68 V	170	52.1	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak

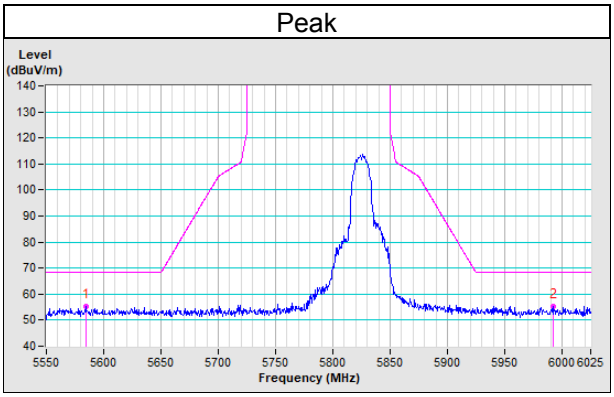


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5584.62	55.3 PK	68.2	-12.9	1.49 H	185	52.5	2.8
PK.2	#5992.45	55.4 PK	68.2	-12.8	1.49 H	185	52.2	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



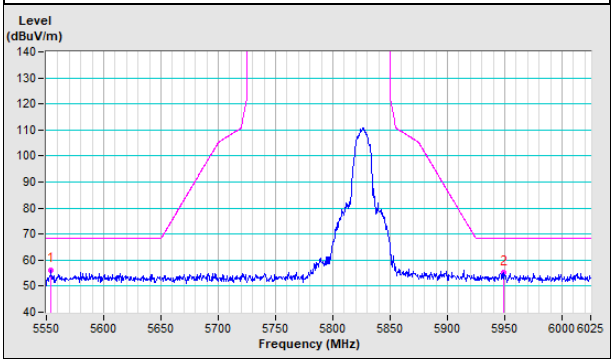
CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5554.24	56.0 PK	68.2	-12.2	2.92 V	171	53.3	2.7
PK.2	#5948.56	55.1 PK	68.2	-13.1	2.92 V	171	51.9	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak



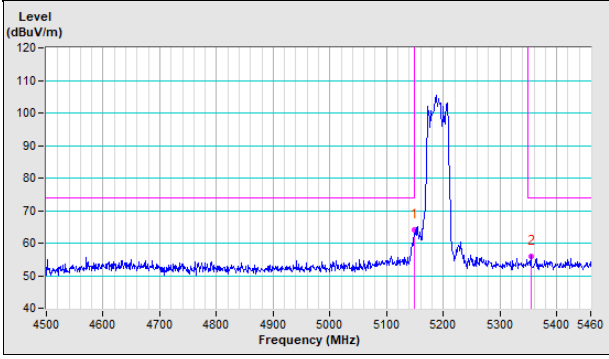
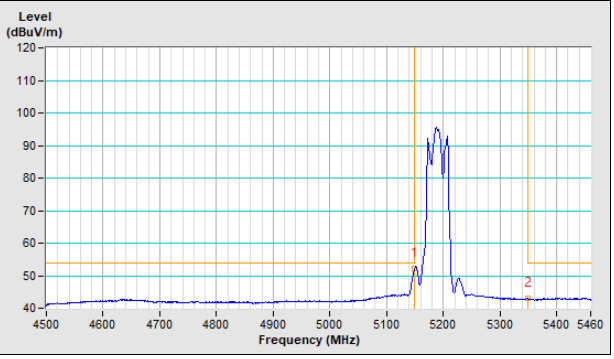
802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	64.0 PK	74.0	-10.0	1.59 H	187	61.4	2.6
PK.2	5355.05	56.1 PK	74.0	-17.9	1.59 H	187	53.7	2.4
AV.1	5150.00	52.2 AV	54.0	-1.8	1.59 H	187	49.6	2.6
AV.2	5350.00	43.1 AV	54.0	-10.9	1.59 H	187	40.8	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

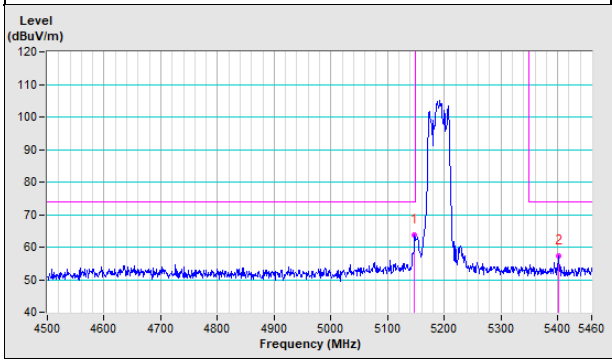
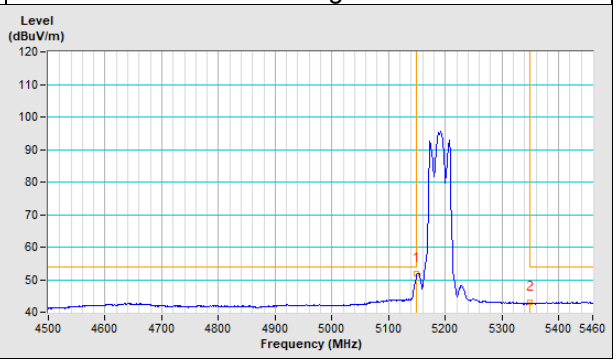
Peak	Average
	

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5147.42	63.8 PK	74.0	-10.2	2.91 V	162	61.2	2.6
PK.2	5401.92	57.4 PK	74.0	-16.6	2.91 V	162	54.9	2.5
AV.1	5150.00	51.9 AV	54.0	-2.1	2.91 V	162	49.3	2.6
AV.2	5350.00	43.2 AV	54.0	-10.8	2.91 V	162	40.9	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

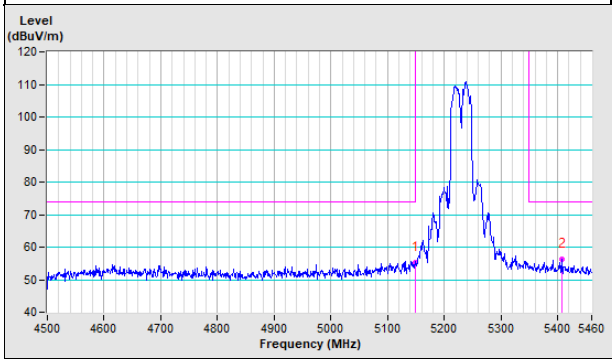
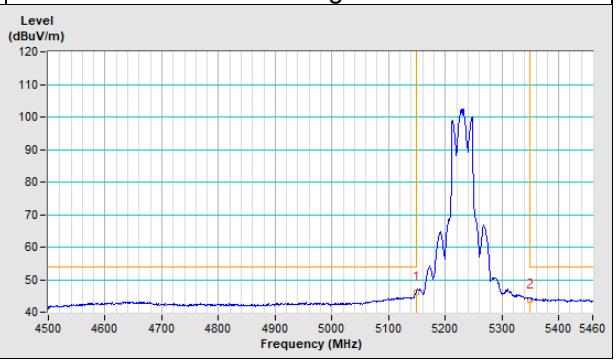
Peak	Average
	

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5150.00	55.4 PK	74.0	-18.6	1.60 H	186	52.8	2.6
PK.2	5406.91	56.2 PK	74.0	-17.8	1.60 H	186	53.7	2.5
AV.1	5150.00	46.1 AV	54.0	-7.9	1.60 H	186	43.5	2.6
AV.2	5350.00	43.7 AV	54.0	-10.3	1.60 H	186	41.4	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

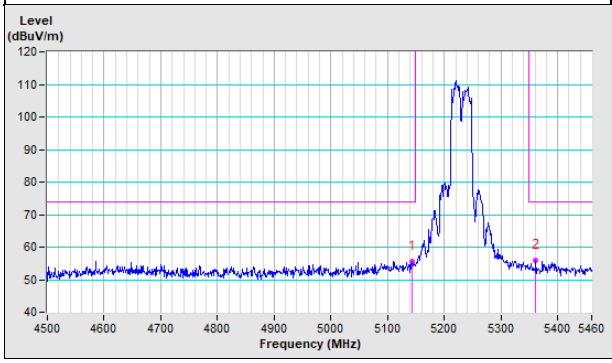
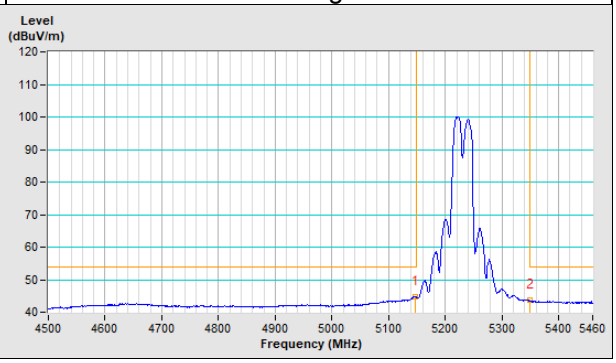
Peak	Average
	

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5144.11	55.7 PK	74.0	-18.3	3.02 V	169	53.1	2.6
PK.2	5360.74	56.0 PK	74.0	-18.0	3.02 V	169	53.6	2.4
AV.1	5146.20	44.9 AV	54.0	-9.1	3.02 V	169	42.3	2.6
AV.2	5350.00	43.7 AV	54.0	-10.3	3.02 V	169	41.4	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

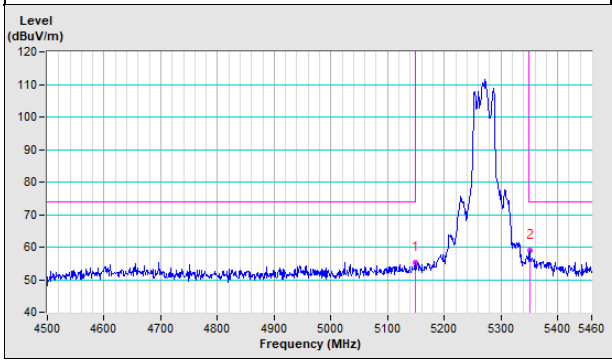
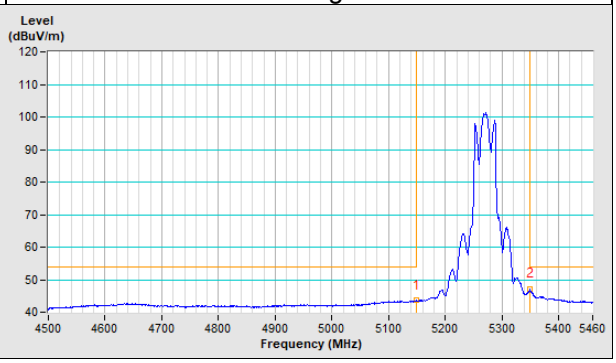
Peak	Average
	

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5148.12	55.3 PK	74.0	-18.7	1.48 H	185	52.7	2.6
PK.2	5351.33	58.9 PK	74.0	-15.1	1.48 H	185	56.6	2.3
AV.1	5150.00	43.6 AV	54.0	-10.4	1.48 H	185	41.0	2.6
AV.2	5350.00	47.1 AV	54.0	-6.9	1.48 H	185	44.8	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

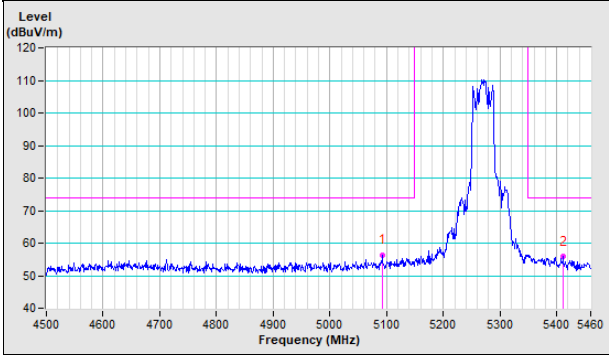
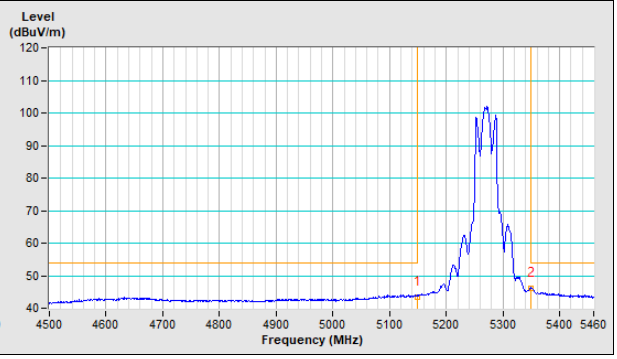
Peak	Average
	

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5092.82	56.2 PK	74.0	-17.8	2.86 V	167	53.5	2.7
PK.2	5411.83	55.8 PK	74.0	-18.2	2.86 V	167	53.3	2.5
AV.1	5150.00	43.5 AV	54.0	-10.5	2.86 V	167	40.9	2.6
AV.2	5350.00	46.2 AV	54.0	-7.8	2.86 V	167	43.9	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

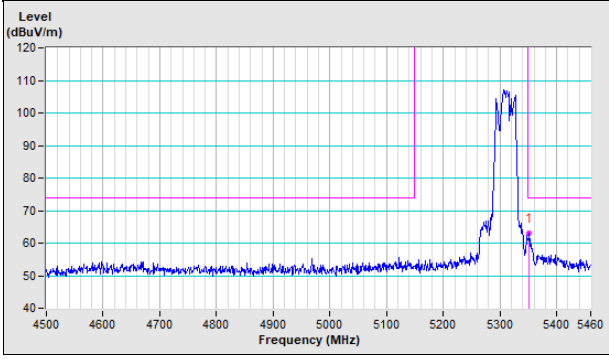
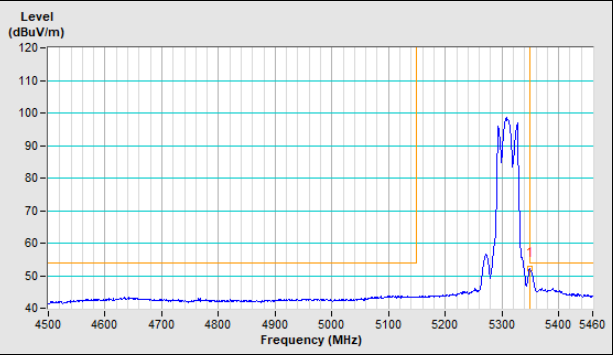
Peak	Average
	

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5351.81	62.9 PK	74.0	-11.1	1.51 H	179	60.6	2.3
AV.1	5350.00	52.2 AV	54.0	-1.8	1.51 H	179	49.9	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

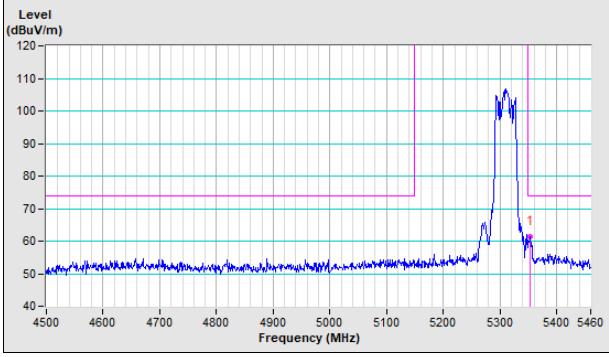
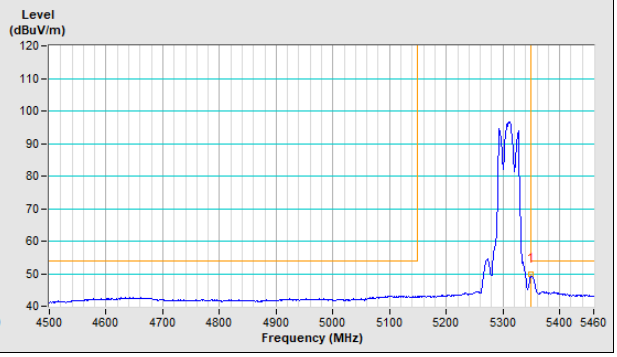
Peak	Average
	

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5353.54	61.3 PK	74.0	-12.7	2.97 V	164	58.9	2.4
AV.1	5350.00	49.9 AV	54.0	-4.1	2.97 V	164	47.6	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

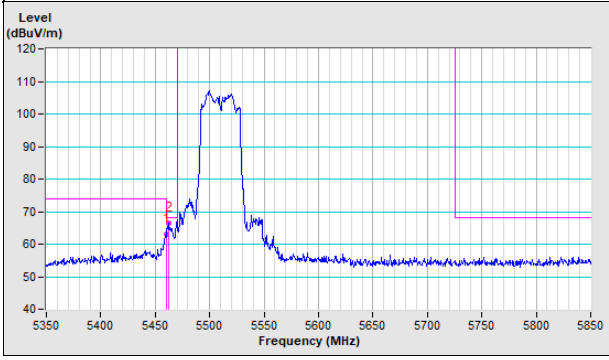
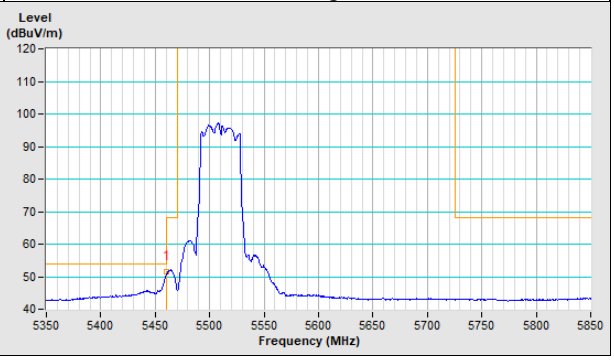
Peak	Average
	

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	63.2 PK	74.0	-10.8	1.47 H	184	60.6	2.6
PK.2	#5462.81	66.4 PK	68.2	-1.8	1.47 H	184	63.8	2.6
AV.1	5460.00	51.6 AV	54.0	-2.4	2.95 H	171	49.0	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

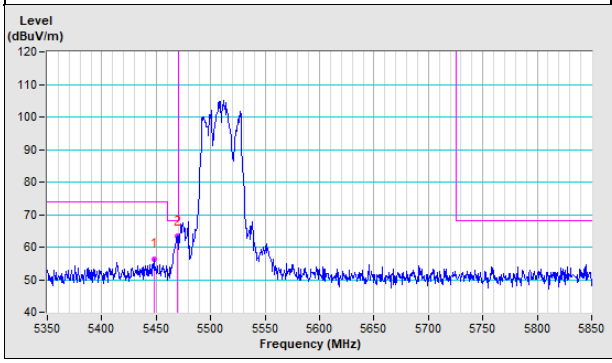
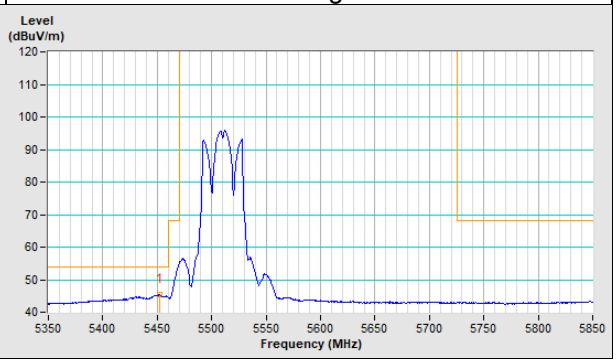
Peak	Average
	

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5447.93	56.3 PK	74.0	-17.7	2.95 V	171	53.6	2.7
PK.2	#5468.98	63.3 PK	68.2	-4.9	2.95 V	171	60.7	2.6
AV.1	5452.45	45.5 AV	54.0	-8.5	2.95 V	171	42.8	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

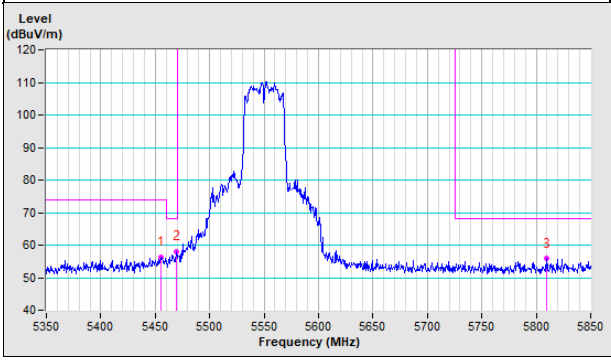
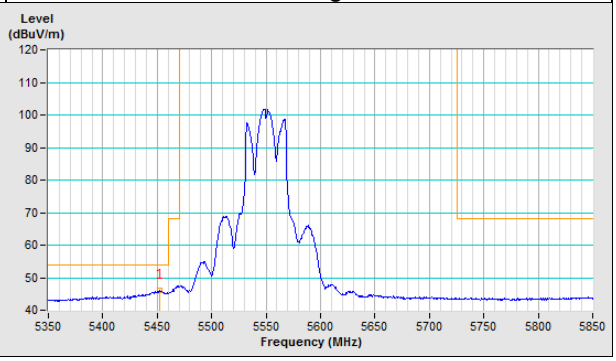
Peak	Average
	

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5455.55	56.4 PK	74.0	-17.6	1.55 H	175	53.7	2.7
PK.2	#5469.16	58.1 PK	68.2	-10.1	1.55 H	175	55.5	2.6
PK.3	#5809.18	55.8 PK	68.2	-12.4	1.55 H	175	52.7	3.1
PK.4	5455.55	56.4 PK	74.0	-17.6	1.55 H	175	53.7	2.7
PK.5	#5469.16	58.1 PK	68.2	-10.1	1.55 H	175	55.5	2.6
PK.6	#5809.18	55.8 PK	68.2	-12.4	1.55 H	175	52.7	3.1

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

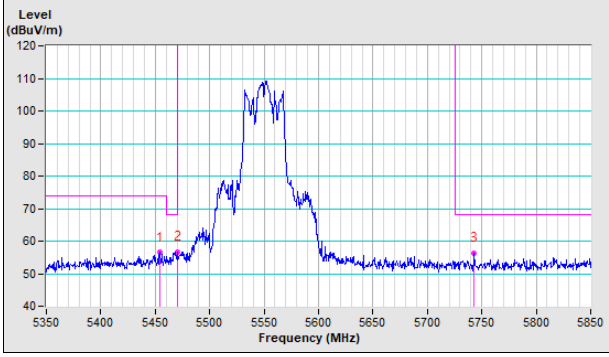
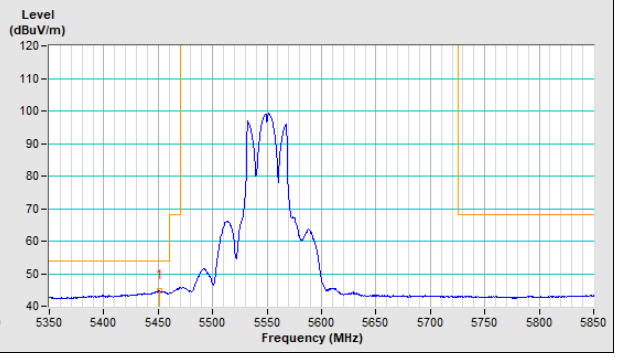
Peak	Average
	

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5454.15	56.5 PK	74.0	-17.5	2.87 V	165	53.8	2.7
PK.2	#5470.00	56.6 PK	68.2	-11.6	2.87 V	165	54.0	2.6
PK.3	#5743.10	56.4 PK	68.2	-11.8	2.87 V	165	53.5	2.9
PK.4	5454.15	56.5 PK	74.0	-17.5	2.87 V	165	53.8	2.7
PK.5	#5470.00	56.6 PK	68.2	-11.6	2.87 V	165	54.0	2.6
PK.6	#5743.10	56.4 PK	68.2	-11.8	2.87 V	165	53.5	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

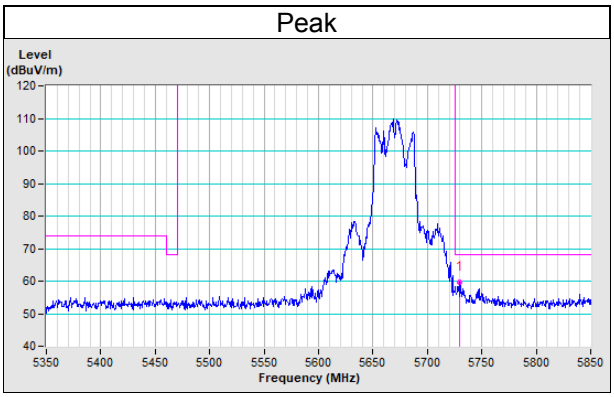
Peak	Average
	

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5729.20	59.8 PK	68.2	-8.4	1.46 H	169	56.9	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

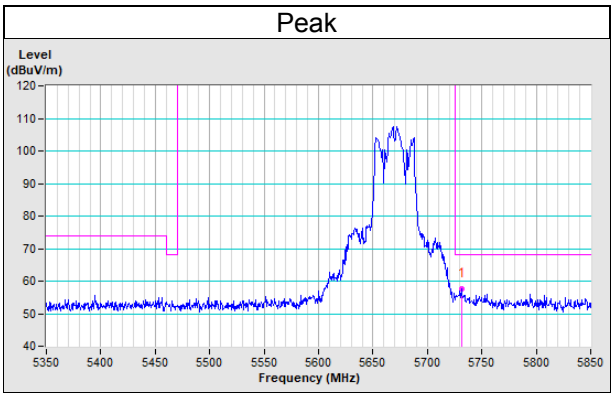


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5731.09	57.7 PK	68.2	-10.5	3.11 V	179	54.8	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

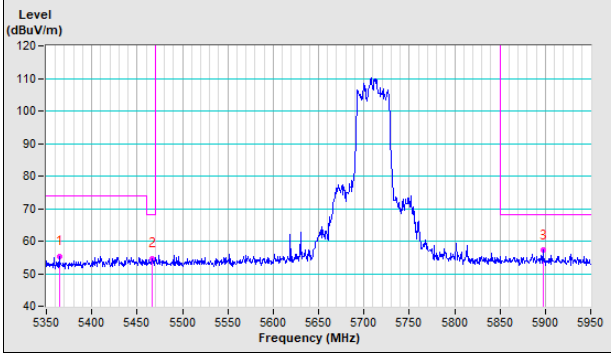
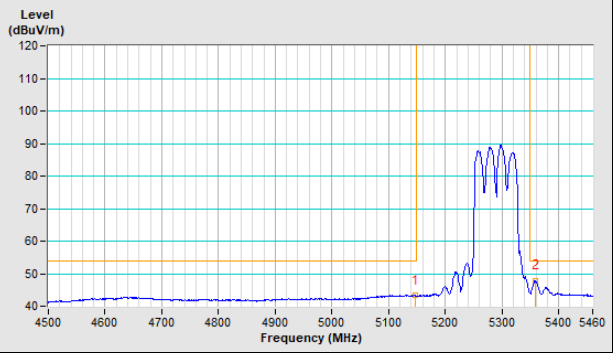


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5364.09	55.4 PK	74.0	-18.6	1.49 H	157	53.0	2.4
PK.2	#5466.82	54.7 PK	68.2	-13.5	1.49 H	157	52.1	2.6
PK.3	#5897.45	57.2 PK	68.2	-11.0	1.49 H	157	53.8	3.4
AV.1	5460.00	43.5 AV	54.0	-10.5	1.49 H	157	40.9	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

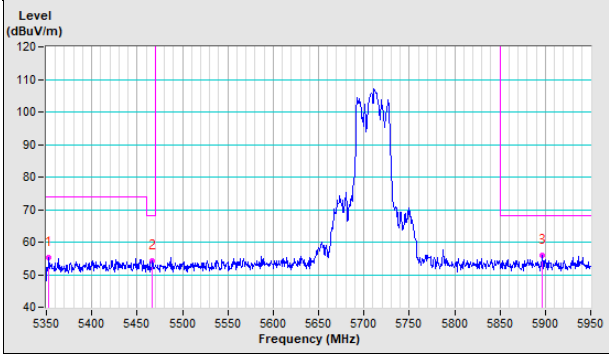
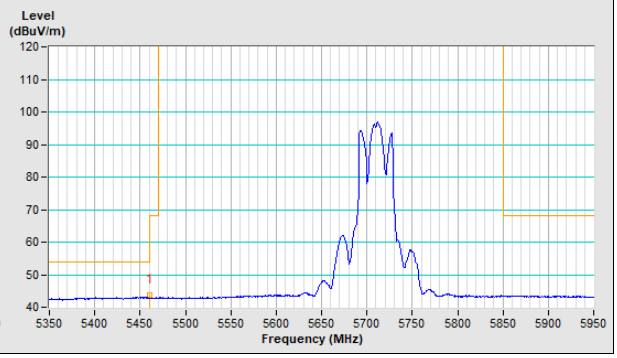
Peak	Average
	

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5352.65	55.2 PK	74.0	-18.8	3.15 V	175	52.9	2.3
PK.2	#5466.56	54.2 PK	68.2	-14.0	3.15 V	175	51.6	2.6
PK.3	#5896.68	56.0 PK	68.2	-12.2	3.15 V	175	52.6	3.4
AV.1	5460.00	43.7 AV	54.0	-10.3	3.15 V	175	41.1	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

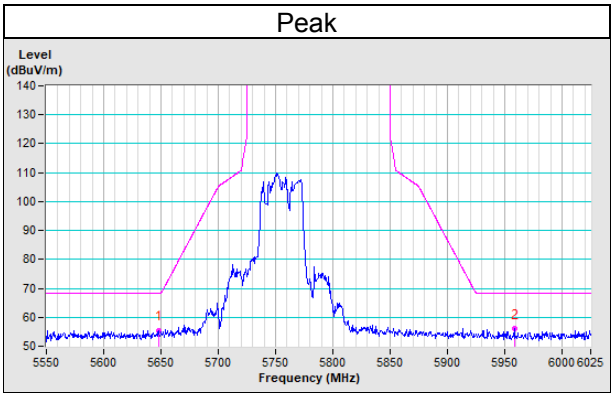
Peak	Average
	

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5647.67	55.5 PK	68.2	-12.7	1.15 H	284	52.8	2.7
PK.2	#5958.31	56.1 PK	68.2	-12.1	1.15 H	284	52.9	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



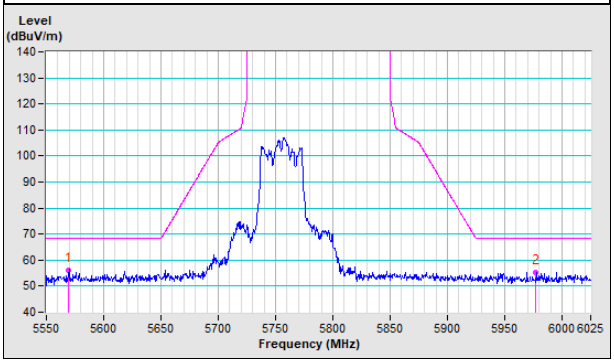
CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5569.71	56.3 PK	68.2	-11.9	2.80 V	173	53.5	2.8
PK.2	#5977.40	55.4 PK	68.2	-12.8	2.80 V	173	52.2	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak

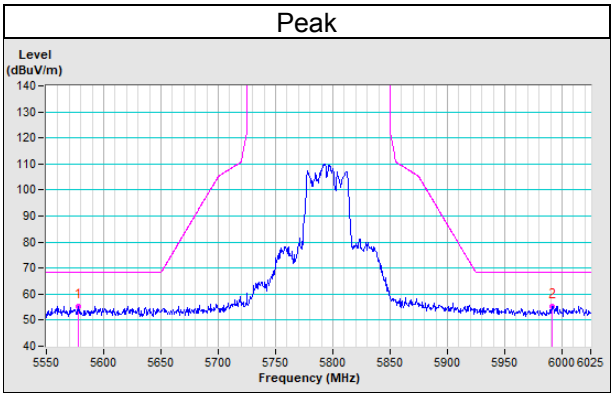


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5577.89	55.4 PK	68.2	-12.8	1.43 H	187	52.6	2.8
PK.2	#5991.69	55.4 PK	68.2	-12.8	1.43 H	187	52.2	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



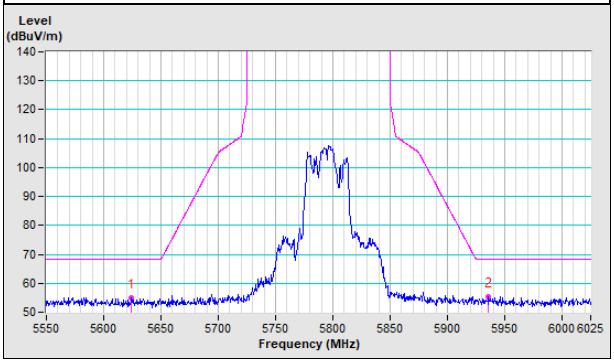
CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5623.68	55.0 PK	68.2	-13.2	2.82 V	173	52.2	2.8
PK.2	#5935.27	55.4 PK	68.2	-12.8	2.82 V	173	52.0	3.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak



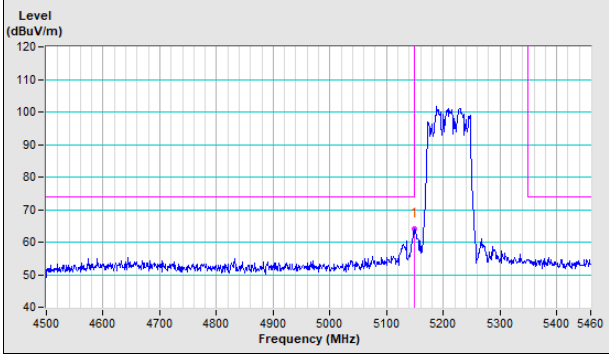
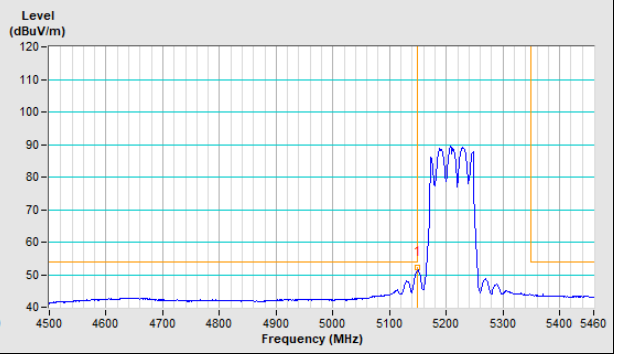
802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5148.41	64.0 PK	74.0	-10.0	1.31 H	185	61.4	2.6
AV.1	5150.00	52.3 AV	54.0	-1.7	1.31 H	185	49.7	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

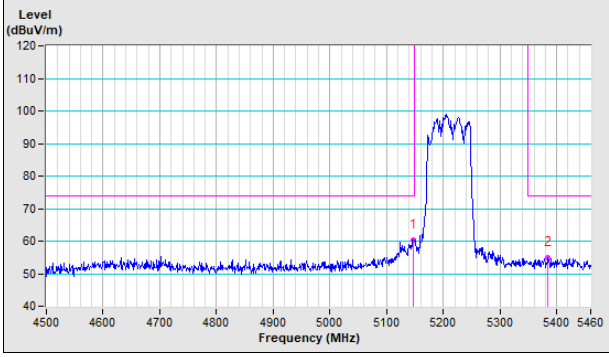
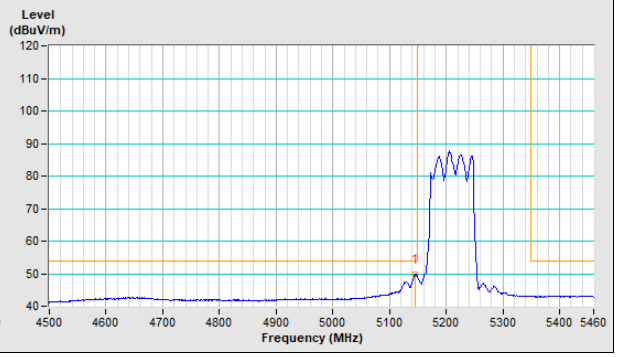
Peak	Average
	

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5147.83	60.5 PK	74.0	-13.5	1.00 V	130	57.9	2.6
PK.2	5384.98	54.9 PK	74.0	-19.1	1.00 V	130	52.5	2.4
AV.1	5145.05	49.7 AV	54.0	-4.3	1.00 V	130	47.1	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

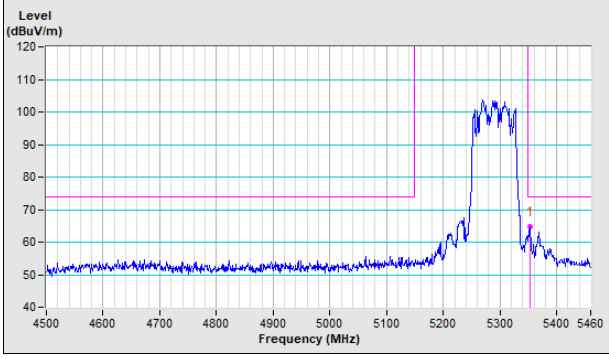
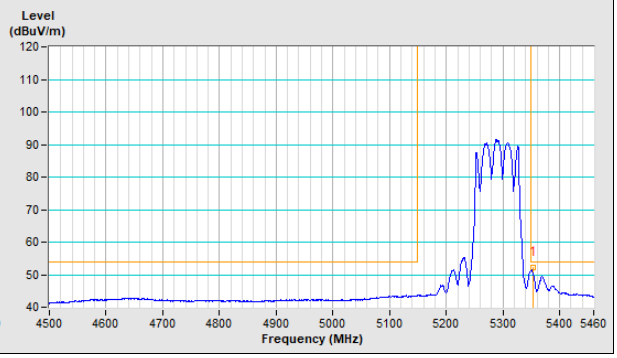
Peak	Average
	

CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5352.17	64.6 PK	74.0	-9.4	1.50 H	185	62.3	2.3
AV.1	5352.94	52.2 AV	54.0	-1.8	1.50 H	185	49.9	2.3

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

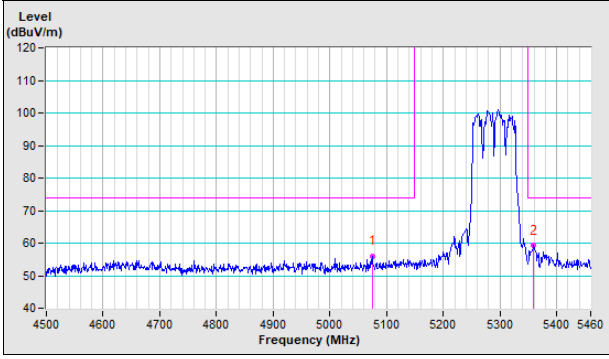
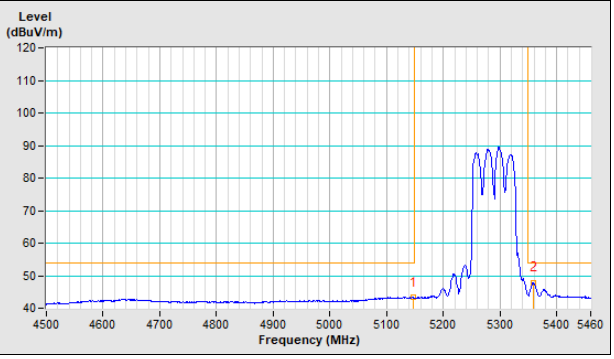
Peak	Average
	

CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	4500MHz ~ 5460MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5074.99	56.0 PK	74.0	-18.0	2.28 V	174	53.6	2.4
PK.2	5359.75	59.2 PK	74.0	-14.8	2.28 V	174	56.8	2.4
AV.1	5147.33	43.3 AV	54.0	-10.7	2.28 V	174	40.7	2.6
AV.2	5358.86	47.8 AV	54.0	-6.2	2.28 V	174	45.4	2.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value

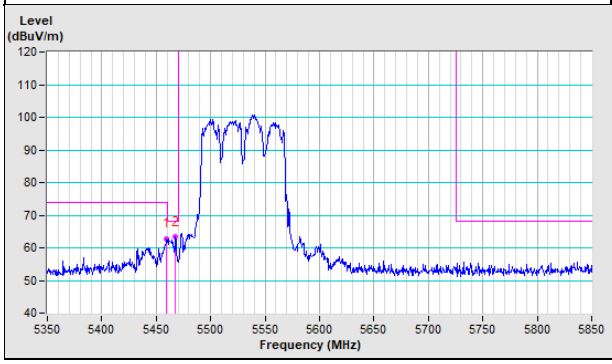
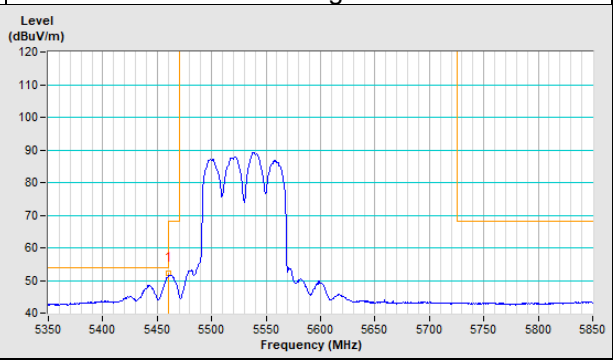
Peak	Average
	

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5459.27	62.8 PK	74.0	-11.2	1.58 H	204	60.1	2.7
PK.2	#5467.86	63.3 PK	68.2	-4.9	1.58 H	204	60.7	2.6
AV.1	5460.00	52.3 AV	54.0	-1.7	1.58 H	204	49.7	2.6

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

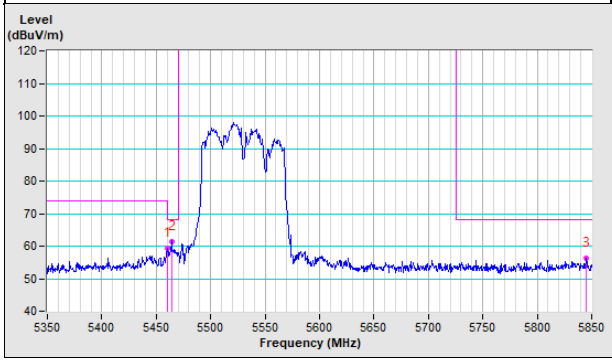
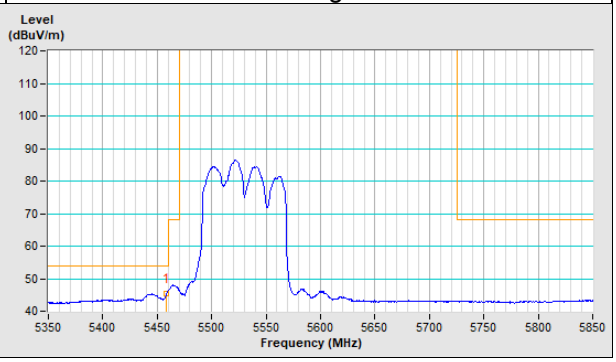
Peak	Average
	

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5460.00	59.3 PK	74.0	-14.7	3.50 V	301	56.7	2.6
PK.2	#5464.02	61.5 PK	68.2	-6.7	3.50 V	301	58.9	2.6
PK.3	#5844.95	56.3 PK	68.2	-11.9	3.50 V	301	53.0	3.3
AV.1	5458.60	45.3 AV	54.0	-8.7	3.50 V	301	42.6	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

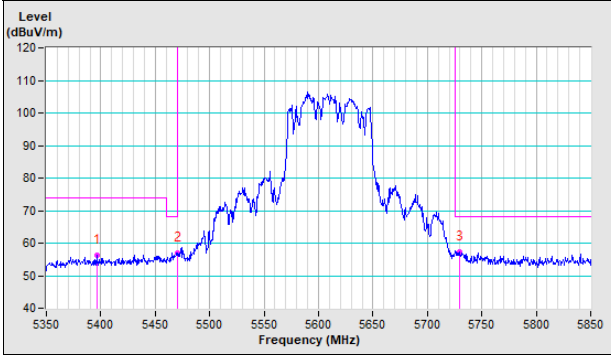
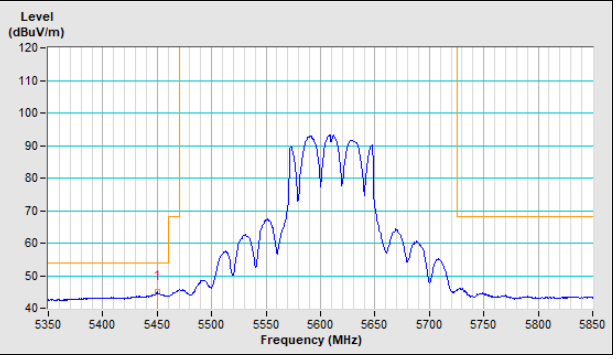
Peak	Average
	

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
AV.1	5450.05	45.1 AV	54.0	-8.9	1.50 H	184	42.4	2.7
PK.2	5396.25	56.4 PK	74.0	-17.6	1.50 H	184	53.9	2.5
PK.3	#5470.00	57.0 PK	68.2	-11.2	1.50 H	184	54.4	2.6
PK.4	#5729.21	57.3 PK	68.2	-10.9	1.50 H	184	54.4	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

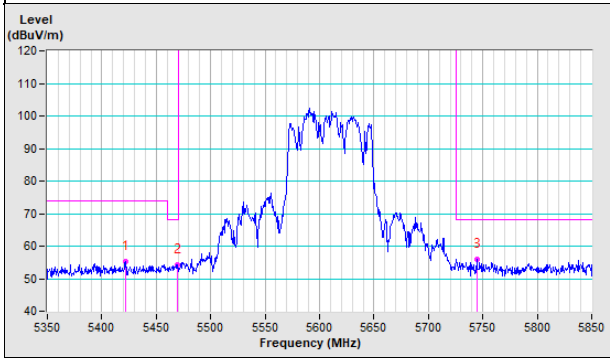
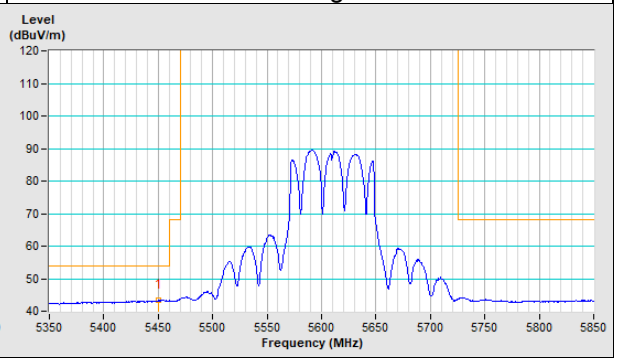
Peak	Average
	

CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
AV.1	5450.18	43.5 AV	54.0	-10.5	1.14 V	301	40.8	2.7
PK.2	5421.51	55.3 PK	74.0	-18.7	1.14 V	301	52.8	2.5
PK.3	#5469.79	54.3 PK	68.2	-13.9	1.14 V	301	51.7	2.6
PK.4	#5744.48	55.9 PK	68.2	-12.3	1.14 V	301	53.0	2.9

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

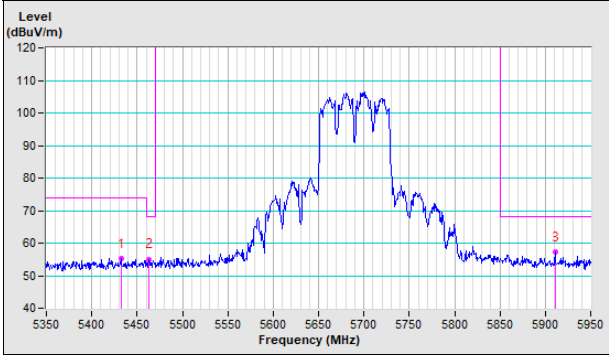
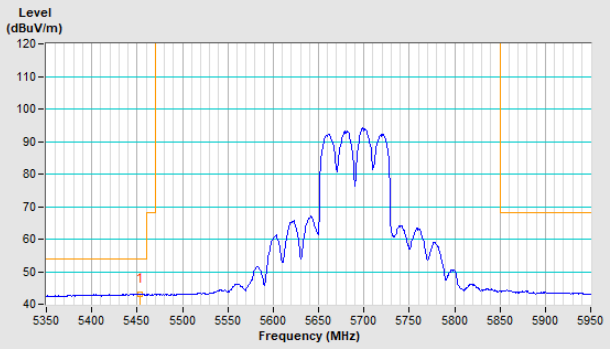
Peak	Average
	

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5432.62	55.1 PK	74.0	-18.9	1.50 H	183	52.6	2.5
PK.2	#5462.92	55.0 PK	68.2	-13.2	1.50 H	183	52.4	2.6
PK.3	#5910.97	57.2 PK	68.2	-11.0	1.50 H	183	53.8	3.4
AV.1	5452.69	43.2 AV	54.0	-10.8	1.50 H	183	40.5	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

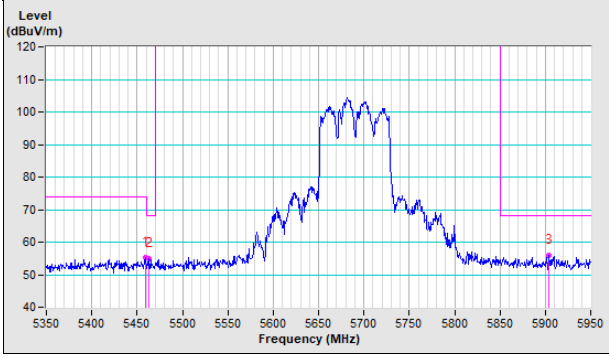
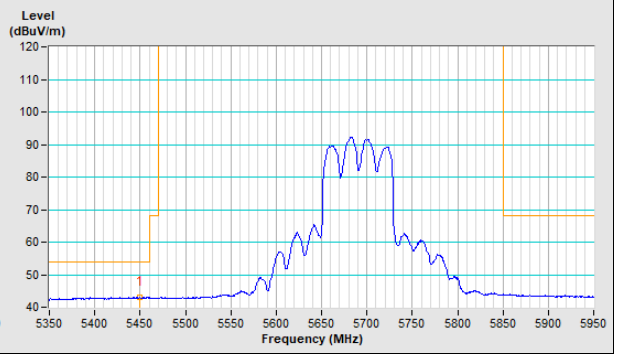
Peak	Average
	

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	5459.45	55.2 PK	74.0	-18.8	2.35 V	173	52.5	2.7
PK.2	#5462.50	54.9 PK	68.2	-13.3	2.35 V	173	52.3	2.6
PK.3	#5903.85	56.0 PK	68.2	-12.2	2.35 V	173	52.6	3.4
AV.1	5449.93	43.1 AV	54.0	-10.9	2.35 V	173	40.4	2.7

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

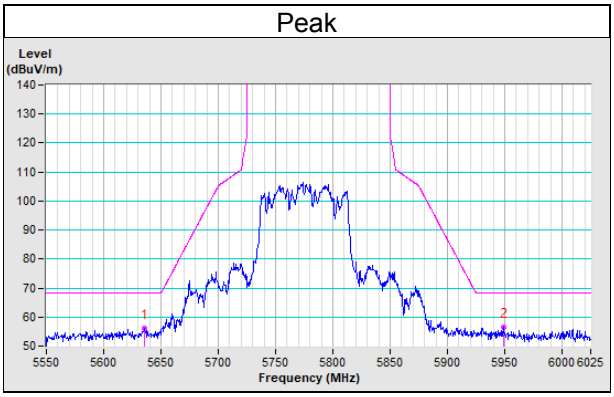
Peak	Average
	

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5635.82	56.1 PK	68.2	-12.1	1.53 H	190	53.4	2.7
PK.2	#5948.80	56.6 PK	68.2	-11.6	1.53 H	190	53.4	3.2

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



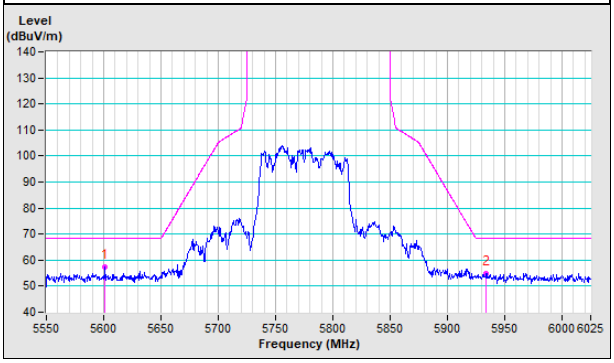
CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
PK.1	#5601.37	57.4 PK	68.2	-10.8	2.57 V	171	54.6	2.8
PK.2	#5933.67	55.0 PK	68.2	-13.2	2.57 V	171	51.6	3.4

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. The other emission levels were very low against the limit
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Peak



4.1.9 Test Results for below 1GHz

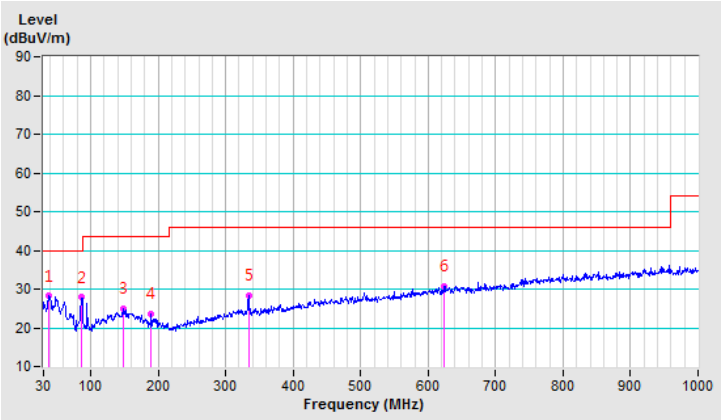
802.11a

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	38.39	28.2 PK	40.0	-11.8	2.00 H	241	36.7	-8.5
2	86.87	27.8 PK	40.0	-12.2	2.00 H	335	41.5	-13.7
3	148.17	24.9 PK	43.5	-18.6	2.00 H	225	32.5	-7.6
4	189.83	23.6 PK	43.5	-19.9	1.50 H	301	34.0	-10.4
5	333.85	28.4 PK	46.0	-17.6	1.50 H	328	34.2	-5.8
6	624.54	30.7 PK	46.0	-15.3	1.00 H	179	29.8	0.9

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz
4. Margin value = Emission Level – Limit value
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
6. The PK detector measurement value is much smaller than the limit QP value, so the pass is determined

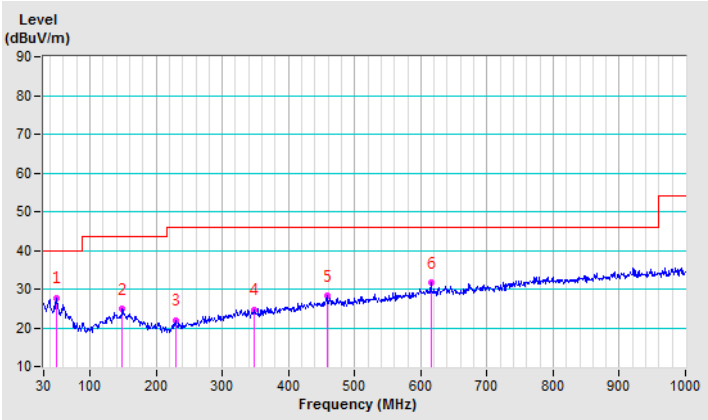


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	49.72	27.7 PK	40.0	-12.3	1.00 V	25	35.6	-7.9
2	148.53	24.8 PK	43.5	-18.7	1.00 V	221	32.4	-7.6
3	229.17	22.0 PK	46.0	-24.0	1.00 V	106	32.5	-10.5
4	347.24	24.7 PK	46.0	-21.3	1.50 V	305	30.4	-5.7
5	458.28	28.2 PK	46.0	-17.8	2.00 V	318	31.0	-2.8
6	615.69	31.6 PK	46.0	-14.4	2.00 V	266	31.0	0.6

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz
4. Margin value = Emission Level – Limit value
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
6. The PK detector measurement value is much smaller than the limit QP value, so the pass is determined



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCS30	100291	Sep. 03, 2018	Sep. 02, 2019
RF signal cable Woken	5D-FB	Cable-cond1-01	Sep. 05, 2018	Sep. 04, 2019
LISN ROHDE & SCHWARZ (EUT)	ENV216	101826	Feb. 26, 2018	Feb. 25, 2019
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100311	Aug. 19, 2018	Aug. 18, 2019
Software ADT	BV ADT_Cond_ V7.3.7.4	NA	NA	NA

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 HwaYa Shielded Room 1.
3. The VCCI Site Registration No. is C-2040.

4.2.3 Test Procedures

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

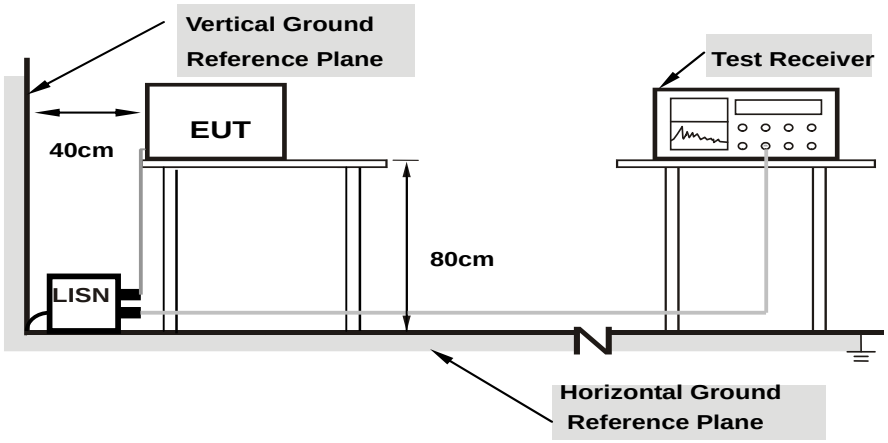
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

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

4.2.6 EUT Operating Conditions

Same as 4.1.6.

4.2.7 Test Results

Worst-case data:

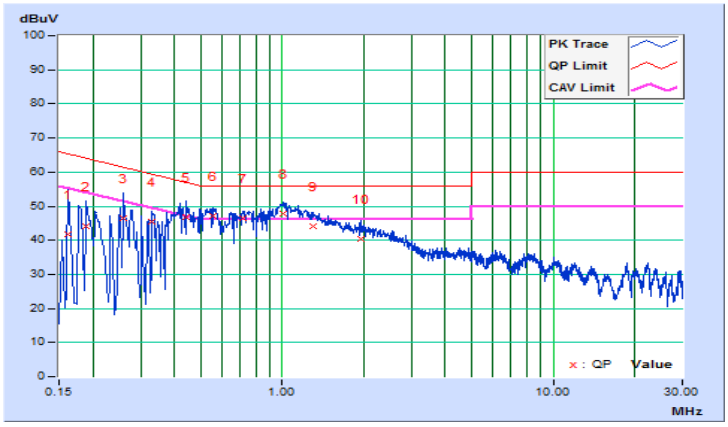
802.11a

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16173	9.73	31.92	7.46	41.65	17.19	65.37	55.37	-23.72	-38.18
2	0.18910	9.72	34.55	16.30	44.27	26.02	64.08	54.08	-19.81	-28.06
3	0.25948	9.73	36.75	19.16	46.48	28.89	61.45	51.45	-14.97	-22.56
4	0.32986	9.74	35.71	16.04	45.45	25.78	59.45	49.45	-14.00	-23.67
5	0.44325	9.74	37.01	14.40	46.75	24.14	57.00	47.00	-10.25	-22.86
6	0.55679	9.73	37.45	18.91	47.18	28.64	56.00	46.00	-8.82	-17.36
7	0.71695	9.71	36.74	18.69	46.45	28.40	56.00	46.00	-9.55	-17.60
8	**1.00629**	**9.68**	**38.14**	**19.52**	**47.82**	**29.20**	**56.00**	**46.00**	**-8.18**	**-16.80**
9	1.30736	9.70	34.28	17.59	43.98	27.29	56.00	46.00	-12.02	-18.71
10	1.96424	9.74	30.79	17.12	40.53	26.86	56.00	46.00	-15.47	-19.14

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

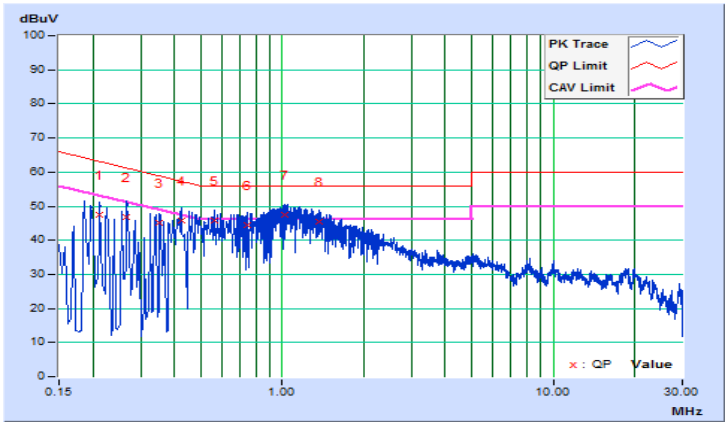


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.21256	9.73	37.61	20.68	47.34	30.41	63.10	53.10	-15.76	-22.69
2	0.26730	9.74	37.06	19.67	46.80	29.41	61.20	51.20	-14.40	-21.79
3	0.35332	9.75	35.53	16.18	45.28	25.93	58.88	48.88	-13.60	-22.95
4	0.42370	9.75	35.93	20.98	45.68	30.73	57.38	47.38	-11.70	-16.65
5	0.56446	9.74	36.01	20.06	45.75	29.80	56.00	46.00	-10.25	-16.20
6	0.74432	9.73	34.78	14.16	44.51	23.89	56.00	46.00	-11.49	-22.11
7	1.02607	9.72	37.75	21.75	47.47	31.47	56.00	46.00	-8.53	-14.53
8	1.36210	9.72	35.60	21.12	45.32	30.84	56.00	46.00	-10.68	-15.16

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.



4.3 Transmit Power Measurement

4.3.1 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 ≦ 125mW(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	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

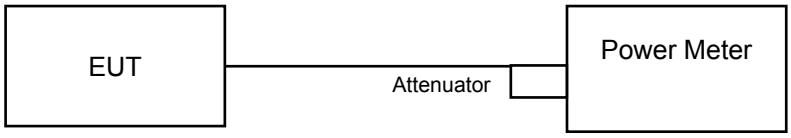
Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

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 $N_{ANT} \geq 5$.

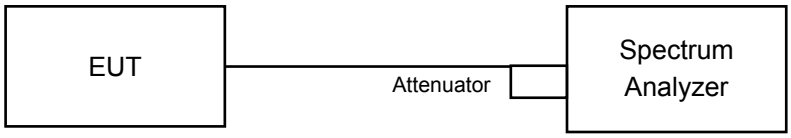
For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.3.2 Test Setup

For Power Output



For 26dB Bandwidth



4.3.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
USB Wideband Power Meter KEYSIGHT	U2021XA	MY55050005/MY55190004/MY55190007/MY55210005	Jul. 17, 2018	Jul. 16, 2019
SPECTRUM ANALYZER R&S	FSP40	100041	Dec 12, 2017	Dec 11, 2018

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

4.3.4 Test Procedure

For Average Power Measurement

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 and set the detector to average. Duty factor is not added to measured value.

For 26dB Bandwidth

a. Set RBW = approximately 1% of the emission bandwidth.

b. Set the VBW > RBW.

c. Detector = Peak.

d. Trace mode = max hold.

e. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

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

4.3.7 Test Result

Power Output:

Ant. 0 (SISO)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	53.211	17.26	24.00	Pass
40	5200	53.211	17.26	24.00	Pass
48	5240	53.088	17.25	24.00	Pass
52	5260	53.333	17.27	24.00	Pass
60	5300	52.360	17.19	24.00	Pass
64	5320	53.456	17.28	24.00	Pass
100	5500	54.075	17.33	24.00	Pass
116	5580	53.456	17.28	24.00	Pass
140	5700	53.333	17.27	24.00	Pass
144	5720 (For U-NII-2C)	38.282	15.83	23.30	Pass
144	5720 (For U-NII-3)	7.621	8.82	30.00	Pass
149	5745	53.211	17.26	30.00	Pass
157	5785	52.723	17.22	30.00	Pass
165	5825	53.827	17.31	30.00	Pass

Note:

For U-NII-2A, U-NII-2C Band:

1. 11dBm + 10log (23.03) = 24.62 dBm > 24dBm
2. 11dBm + 10log (23.09) = 24.63 dBm > 24dBm
3. 11dBm + 10log (23.34) = 24.68 dBm > 24dBm
4. 11dBm + 10log (24.52) = 24.90 dBm > 24dBm
5. 11dBm + 10log (24.90) = 24.96 dBm > 24dBm
6. 11dBm + 10log (24.89) = 24.96 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5708.03) = 23.30 dBm < 24dBm

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	53.703	17.30	24.00	Pass
40	5200	53.951	17.32	24.00	Pass
48	5240	53.088	17.25	24.00	Pass
52	5260	54.576	17.37	24.00	Pass
60	5300	53.456	17.28	24.00	Pass
64	5320	53.703	17.30	24.00	Pass
100	5500	55.335	17.43	24.00	Pass
116	5580	55.081	17.41	24.00	Pass
140	5700	53.951	17.32	24.00	Pass
144	5720 (For U-NII-2C)	26.977	14.31	23.37	Pass
144	5720 (For U-NII-3)	9.462	9.76	30.00	Pass
149	5745	53.951	17.32	30.00	Pass
157	5785	53.088	17.25	30.00	Pass
165	5825	55.208	17.42	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (24.23) = 24.84 dBm > 24dBm
2. 11dBm + 10log (24.70) = 24.93 dBm > 24dBm
3. 11dBm + 10log (24.53) = 24.90 dBm > 24dBm
4. 11dBm + 10log (25.61) = 25.08 dBm > 24dBm
5. 11dBm + 10log (26.04) = 25.16 dBm > 24dBm
6. 11dBm + 10log (25.33) = 25.04 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5707.72) = 23.37 dBm < 24dBm

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	17.418	12.41	24.00	Pass
46	5230	53.456	17.28	24.00	Pass
54	5270	53.211	17.26	24.00	Pass
62	5310	21.184	13.26	24.00	Pass
102	5510	24.044	13.81	24.00	Pass
110	5550	53.703	17.30	24.00	Pass
134	5670	55.208	17.42	24.00	Pass
142	5710 (For U-NII-2C)	37.411	15.73	24.00	Pass
142	5710 (For U-NII-3)	2.799	4.47	24.00	Pass
151	5755	52.966	17.24	30.00	Pass
159	5795	53.827	17.31	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (42.19) = 27.25 dBm > 24dBm
2. 11dBm + 10log (41.94) = 27.23 dBm > 24dBm
3. 11dBm + 10log (42.00) = 27.23 dBm > 24dBm
4. 11dBm + 10log (42.02) = 27.23 dBm > 24dBm
5. 11dBm + 10log (50.18) = 28.01 dBm > 24dBm
6. 11dBm + 10log (5725.00 - 5688.77) = 26.59 dBm > 24dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	13.900	11.43	24.00	Pass
58	5290	19.588	12.92	24.00	Pass
106	5530	17.418	12.41	24.00	Pass
122	5610	52.723	17.22	24.00	Pass
138	5690 (For U-NII-2C)	27.102	14.33	24.00	Pass
138	5690 (For U-NII-3)	0.547	-2.62	24.00	Pass
155	5775	53.827	17.31	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (84.08) = 30.25 dBm > 24dBm
2. 11dBm + 10log (83.73) = 30.23 dBm > 24dBm
3. 11dBm + 10log (94.63) = 30.76 dBm > 24dBm
4. 11dBm + 10log (5725.00 - 5645.99) = 29.98 dBm > 24dBm

Ant. 1 (SISO)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	55.335	17.43	24.00	Pass
40	5200	54.325	17.35	24.00	Pass
48	5240	52.602	17.21	24.00	Pass
52	5260	54.075	17.33	24.00	Pass
60	5300	52.602	17.21	24.00	Pass
64	5320	52.360	17.19	24.00	Pass
100	5500	55.463	17.44	24.00	Pass
116	5580	54.075	17.33	24.00	Pass
140	5700	53.580	17.29	24.00	Pass
144	5720 (For U-NII-2C)	25.351	14.04	23.26	Pass
144	5720 (For U-NII-3)	6.324	8.01	30.00	Pass
149	5745	53.333	17.27	30.00	Pass
157	5785	52.240	17.18	30.00	Pass
165	5825	52.845	17.23	30.00	Pass

Note:

For U-NII-2A, U-NII-2C Band:

1. 11dBm + 10log (24.21) = 24.84 dBm > 24dBm
2. 11dBm + 10log (24.21) = 24.84 dBm > 24dBm
3. 11dBm + 10log (23.97) = 24.80 dBm > 24dBm
4. 11dBm + 10log (24.15) = 24.83 dBm > 24dBm
5. 11dBm + 10log (24.38) = 24.87 dBm > 24dBm
6. 11dBm + 10log (24.28) = 24.85 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5708.16) = 23.26 dBm < 24dBm

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	56.105	17.49	24.00	Pass
40	5200	53.827	17.31	24.00	Pass
48	5240	52.723	17.22	24.00	Pass
52	5260	54.702	17.38	24.00	Pass
60	5300	53.703	17.30	24.00	Pass
64	5320	53.211	17.26	24.00	Pass
100	5500	55.976	17.48	24.00	Pass
116	5580	54.702	17.38	24.00	Pass
140	5700	53.951	17.32	24.00	Pass
144	5720 (For U-NII-2C)	28.708	14.58	23.63	Pass
144	5720 (For U-NII-3)	6.353	8.03	30.00	Pass
149	5745	53.951	17.32	30.00	Pass
157	5785	52.845	17.23	30.00	Pass
165	5825	53.211	17.26	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (25.01) = 24.98 dBm > 24dBm
2. 11dBm + 10log (25.59) = 25.08 dBm > 24dBm
3. 11dBm + 10log (25.71) = 25.10 dBm > 24dBm
4. 11dBm + 10log (24.31) = 24.86 dBm > 24dBm
5. 11dBm + 10log (26.71) = 25.27 dBm > 24dBm
6. 11dBm + 10log (25.70) = 25.10 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5706.66) = 23.63 dBm < 24dBm

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	17.298	12.38	24.00	Pass
46	5230	53.580	17.29	24.00	Pass
54	5270	53.951	17.32	24.00	Pass
62	5310	21.086	13.24	24.00	Pass
102	5510	23.878	13.78	24.00	Pass
110	5550	53.088	17.25	24.00	Pass
134	5670	55.976	17.48	24.00	Pass
142	5710 (For U-NII-2C)	31.046	14.92	24.00	Pass
142	5710 (For U-NII-3)	2.512	4.00	30.00	Pass
151	5755	52.966	17.24	30.00	Pass
159	5795	53.703	17.30	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (42.14) = 27.25 dBm > 24dBm
2. 11dBm + 10log (42.09) = 27.24 dBm > 24dBm
3. 11dBm + 10log (41.96) = 27.23 dBm > 24dBm
4. 11dBm + 10log (42.11) = 27.24 dBm > 24dBm
5. 11dBm + 10log (42.15) = 27.25 dBm > 24dBm
6. 11dBm + 10log (5725.00 - 5688.98) = 26.57 dBm > 24dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	13.836	11.41	24.00	Pass
58	5290	19.409	12.88	24.00	Pass
106	5530	17.298	12.38	24.00	Pass
122	5610	52.845	17.23	24.00	Pass
138	5690 (For U-NII-2C)	20.797	13.18	24.00	Pass
138	5690 (For U-NII-3)	0.733	-1.35	30.00	Pass
155	5775	52.845	17.23	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (83.40) = 30.21 dBm > 24dBm
2. 11dBm + 10log (83.48) = 30.22 dBm > 24dBm
3. 11dBm + 10log (83.56) = 30.22 dBm > 24dBm
4. 11dBm + 10log (5725.00 - 5648.30) = 29.85 dBm > 24dBm

Ant. 0 + 1 (MIMO)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	17.33	17.57	111.223	20.46	24.00	Pass
40	5200	17.35	17.37	108.901	20.37	24.00	Pass
48	5240	17.33	17.23	106.920	20.29	24.00	Pass
52	5260	17.37	17.35	108.901	20.37	24.00	Pass
60	5300	17.25	17.23	105.933	20.25	24.00	Pass
64	5320	17.32	17.26	107.162	20.30	24.00	Pass
100	5500	17.42	17.51	111.572	20.48	24.00	Pass
116	5580	17.36	17.35	108.775	20.37	24.00	Pass
140	5700	17.36	17.34	108.650	20.36	24.00	Pass
144	5720 (For U-NII-2C)	15.83	14.04	65.778	18.18	23.26	Pass
144	5720 (For U-NII-3)	8.82	8.01	14.415	11.59	30.00	Pass
149	5745	17.31	17.34	108.027	20.34	30.00	Pass
157	5785	17.30	17.27	107.036	20.30	30.00	Pass
165	5825	17.37	17.29	108.156	20.34	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (23.03) = 24.62 dBm > 24dBm
2. 11dBm + 10log (23.09) = 24.63 dBm > 24dBm
3. 11dBm + 10log (23.34) = 24.68 dBm > 24dBm
4. 11dBm + 10log (24.52) = 24.90 dBm > 24dBm
5. 11dBm + 10log (24.90) = 24.96 dBm > 24dBm
6. 11dBm + 10log (24.89) = 24.96 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5708.03) = 23.30 dBm < 24dBm

Chain 1
1. 11dBm + 10log (24.21) = 24.84 dBm > 24dBm
2. 11dBm + 10log (24.21) = 24.84 dBm > 24dBm
3. 11dBm + 10log (23.97) = 24.80 dBm > 24dBm
4. 11dBm + 10log (24.15) = 24.83 dBm > 24dBm
5. 11dBm + 10log (24.38) = 24.87 dBm > 24dBm
6. 11dBm + 10log (24.28) = 24.85 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5708.16) = 23.26 dBm < 24dBm

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	17.35	17.58	**111.568**	20.48	24.00	Pass
40	5200	17.39	17.40	109.782	20.41	24.00	Pass
48	5240	17.34	17.32	108.151	20.34	24.00	Pass
52	5260	17.38	17.40	**109.656**	20.40	24.00	Pass
60	5300	17.35	17.32	108.276	20.35	24.00	Pass
64	5320	17.36	17.32	108.401	20.35	24.00	Pass
100	5500	17.47	17.49	**111.952**	20.49	24.00	Pass
116	5580	17.45	17.40	110.544	20.44	24.00	Pass
140	5700	17.42	17.38	109.910	20.41	24.00	Pass
144	5720 (For U-NII-2C)	14.31	14.58	57.021	17.56	23.37	Pass
144	5720 (For U-NII-3)	9.76	8.03	16.194	12.09	30.00	Pass
149	5745	17.37	17.37	109.152	20.38	30.00	Pass
157	5785	17.35	17.30	108.028	20.34	30.00	Pass
165	5825	17.44	17.32	**109.414**	20.39	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (24.23) = 24.84 dBm > 24dBm
2. 11dBm + 10log (24.70) = 24.93 dBm > 24dBm
3. 11dBm + 10log (24.53) = 24.90 dBm > 24dBm
4. 11dBm + 10log (25.61) = 25.08 dBm > 24dBm
5. 11dBm + 10log (26.04) = 25.16 dBm > 24dBm
6. 11dBm + 10log (25.33) = 25.04 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5707.72) = 23.37 dBm < 24dBm

Chain 1
1. 11dBm + 10log (25.01) = 24.98 dBm > 24dBm
2. 11dBm + 10log (25.59) = 25.08 dBm > 24dBm
3. 11dBm + 10log (25.71) = 25.10 dBm > 24dBm
4. 11dBm + 10log (24.31) = 24.86 dBm > 24dBm
5. 11dBm + 10log (26.71) = 25.27 dBm > 24dBm
6. 11dBm + 10log (25.70) = 25.10 dBm > 24dBm
7. 11dBm + 10log (5725.00 - 5706.66) = 23.63 dBm < 24dBm

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	12.43	12.41	34.916	15.43	24.00	Pass
46	5230	17.37	17.34	108.776	20.37	24.00	Pass
54	5270	17.29	17.34	107.780	20.33	24.00	Pass
62	5310	13.28	13.24	42.367	16.27	24.00	Pass
102	5510	13.83	13.87	48.533	16.86	24.00	Pass
110	5550	17.36	17.31	108.277	20.35	24.00	Pass
134	5670	17.44	17.50	111.697	20.48	24.00	Pass
142	5710 (For U-NII-2C)	15.73	14.92	71.727	18.56	24.00	Pass
142	5710 (For U-NII-3)	4.47	4.00	5.565	7.45	30.00	Pass
151	5755	17.28	17.32	107.407	20.31	30.00	Pass
159	5795	17.36	17.34	108.650	20.36	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (42.19) = 27.25 dBm > 24dBm
2. 11dBm + 10log (41.94) = 27.23 dBm > 24dBm
3. 11dBm + 10log (42.00) = 27.23 dBm > 24dBm
4. 11dBm + 10log (42.02) = 27.23 dBm > 24dBm
5. 11dBm + 10log (50.18) = 28.01 dBm > 24dBm
6. 11dBm + 10log (5725.00 - 5688.77) = 26.59 dBm > 24dBm

Chain 1
1. 11dBm + 10log (42.14) = 27.25 dBm > 24dBm
2. 11dBm + 10log (42.09) = 27.24 dBm > 24dBm
3. 11dBm + 10log (41.96) = 27.23 dBm > 24dBm
4. 11dBm + 10log (42.11) = 27.24 dBm > 24dBm
5. 11dBm + 10log (42.15) = 27.25 dBm > 24dBm
6. 11dBm + 10log (5725.00 - 5688.98) = 26.57 dBm > 24dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	11.46	11.47	28.024	14.48	24.00	Pass
58	5290	12.96	12.93	39.404	15.96	24.00	Pass
106	5530	12.48	12.43	35.199	15.47	24.00	Pass
122	5610	17.36	17.32	108.401	20.35	24.00	Pass
138	5690 (For U-NII-2C)	14.33	13.18	52.263	17.18	24.00	Pass
138	5690 (For U-NII-3)	-2.62	-1.35	1.3964	1.45	30.00	Pass
155	5775	17.34	17.27	107.533	20.32	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (84.08) = 30.25 dBm > 24dBm
2. 11dBm + 10log (83.73) = 30.23 dBm > 24dBm
3. 11dBm + 10log (94.63) = 30.76 dBm > 24dBm
4. 11dBm + 10log (5725.00 - 5645.99) = 29.98 dBm > 24dBm

Chain 1
1. 11dBm + 10log (83.40) = 30.21 dBm > 24dBm
2. 11dBm + 10log (83.48) = 30.22 dBm > 24dBm
3. 11dBm + 10log (83.56) = 30.22 dBm > 24dBm
4. 11dBm + 10log (5725.00 - 5648.30) = 29.85 dBm > 24dBm

26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.03	24.21
60	5300	23.09	24.21
64	5320	23.34	23.97
100	5500	24.52	24.15
116	5580	24.90	24.38
140	5700	24.89	24.28
144	5720 (For U-NII-2C)	16.97	16.84
144	5720 (For U-NII-3)	7.88	7.47

802.11ac (VHT20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	24.23	25.01
60	5300	24.70	25.59
64	5320	24.53	25.71
100	5500	25.61	24.31
116	5580	26.04	26.71
140	5700	25.33	25.70
144	5720 (For U-NII-2C)	17.28	18.34
144	5720 (For U-NII-3)	8.72	7.43

802.11ac (VHT40)

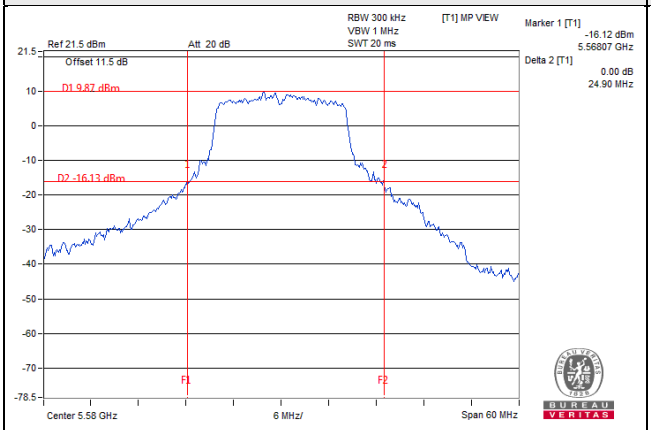
Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	42.19	42.14
62	5310	41.94	42.09
102	5510	42.00	41.96
110	5550	42.02	42.11
134	5670	50.18	42.15
142	5710 (For U-NII-2C)	36.23	36.02
142	5710 (For U-NII-3)	13.41	5.92

802.11ac (VHT80)

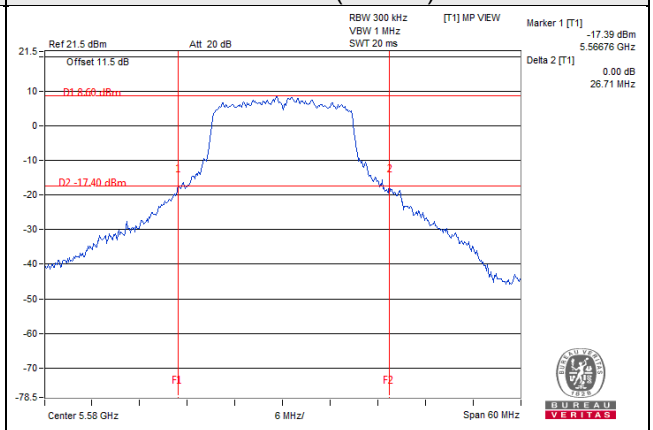
Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	84.08	83.40
106	5530	83.73	83.48
122	5610	94.63	83.56
138	5690 (For U-NII-2C)	79.01	76.70
138	5690 (For U-NII-3)	21.26	6.53

Spectrum Plot of Worst Value

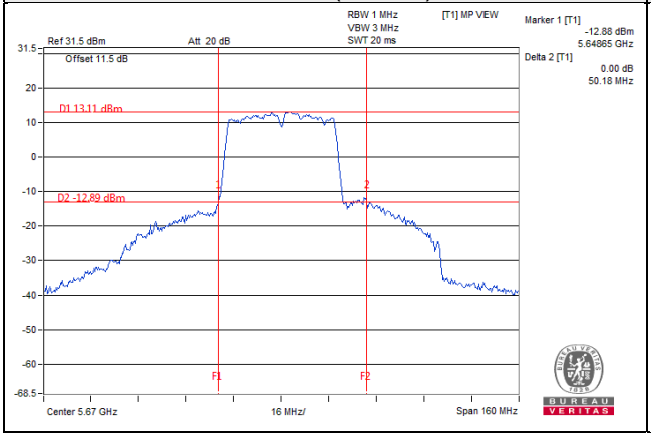
802.11a



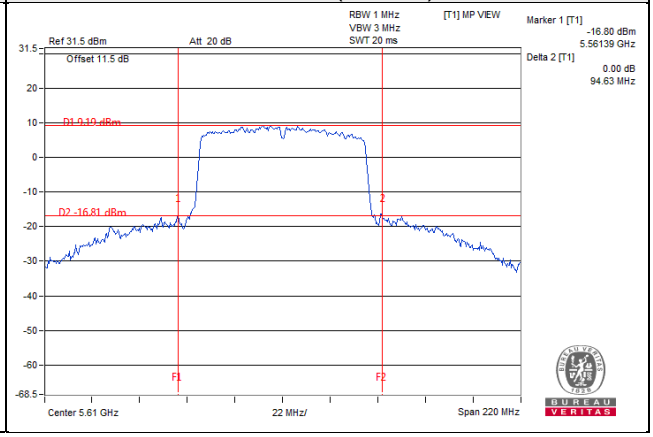
802.11ac (VHT20)



802.11ac (VHT40)



802.11ac (VHT80)



EUT Maximum Conducted Power

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	108.901	20.37
5470~5725	111.572	20.48

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	109.656	20.40
5470~5725	111.952	20.49

802.11ac (VHT40)

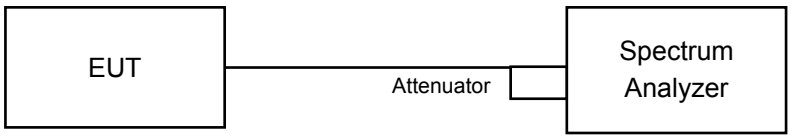
Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	107.780	20.33
5470~5725	111.697	20.48

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	39.404	15.96
5470~5725	111.686	20.48

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to sampling. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

4.4.4 Test Result

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.68	16.68
40	5200	16.80	16.80
48	5240	16.68	16.68
52	5260	16.68	16.68
60	5300	16.68	16.68
64	5320	16.68	16.68
100	5500	16.80	16.68
116	5580	16.80	16.80
140	5700	16.92	16.68
144	5720 (For U-NII-2C)	13.28	13.40
144	5720 (For U-NII-3)	3.16	3.16
149	5745	16.80	16.68
157	5785	16.80	16.80
165	5825	16.80	16.68

802.11ac (VHT20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.88	17.88
40	5200	17.88	17.88
48	5240	18.00	17.88
52	5260	18.00	17.88
60	5300	17.88	17.88
64	5320	17.88	17.88
100	5500	17.88	17.88
116	5580	17.88	17.88
140	5700	18.00	17.88
144	5720 (For U-NII-2C)	14.00	14.00
144	5720 (For U-NII-3)	3.76	3.76
149	5745	17.88	17.88
157	5785	18.00	17.88
165	5825	17.88	17.88

802.11ac (VHT40)

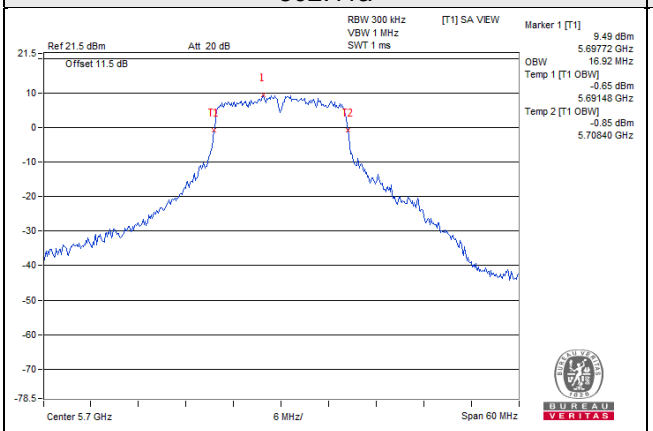
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.60	36.48
46	5230	36.60	36.48
54	5270	36.60	36.48
62	5310	36.48	36.60
102	5510	36.60	36.36
110	5550	36.60	36.60
134	5670	36.72	36.60
142	5710 (For U-NII-2C)	33.36	33.36
142	5710 (For U-NII-3)	3.36	3.24
151	5755	36.60	36.60
159	5795	36.60	36.60

802.11ac (VHT80)

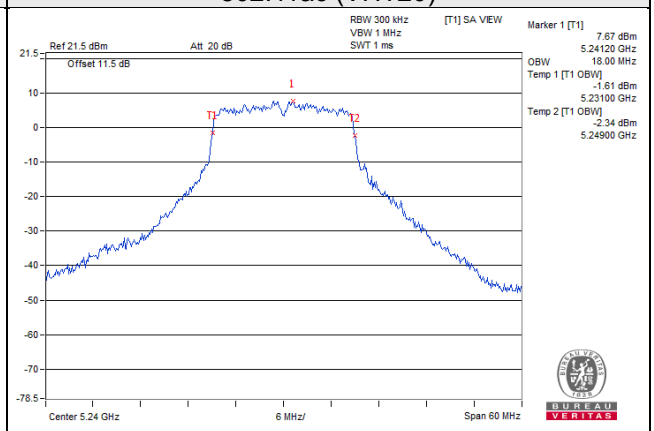
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	75.60	75.84
58	5290	75.60	75.84
106	5530	75.60	75.60
122	5610	75.84	76.08
138	5690 (For U-NII-2C)	72.92	72.92
138	5690 (For U-NII-3)	2.92	2.68
155	5775	75.60	75.84

Spectrum Plot of Worst Value

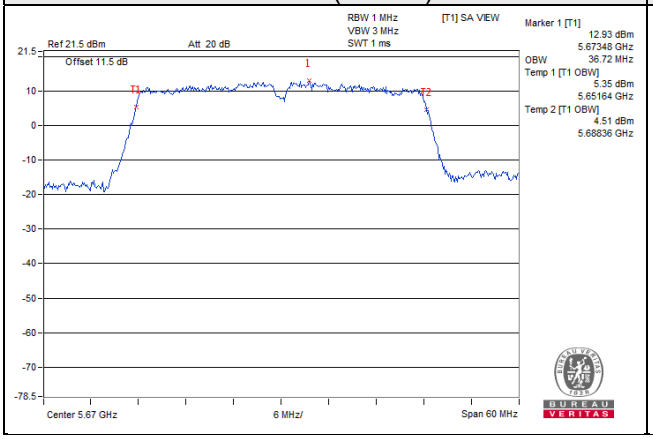
802.11a



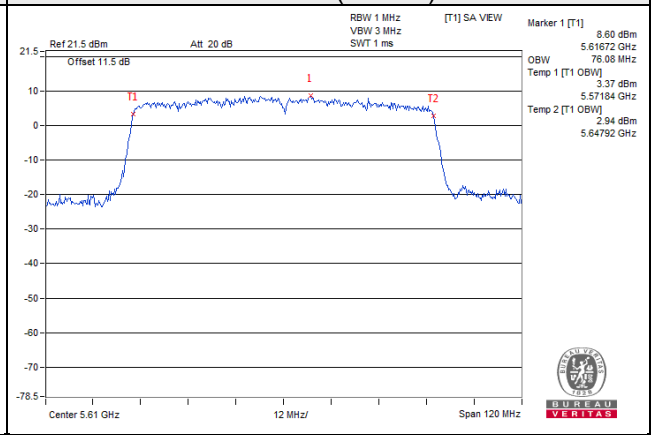
802.11ac (VHT20)



802.11ac (VHT40)



802.11ac (VHT80)

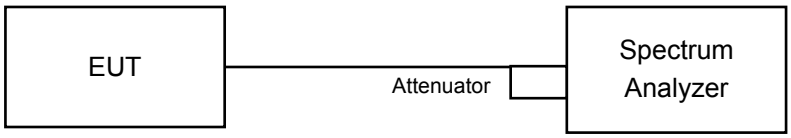


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Mobile and Portable client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

4.5.2 Test Setup



4.5.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
SPECTRUM ANALYZER R&S	FSP40	100041	Dec 12, 2017	Dec 11, 2018

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

4.5.4 Test Procedures

For U-NII-1, U-NII-2A and U-NII-2C band:

Using method SA-2

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.

b. Set RBW = 1MHz, Set VBW ≥ 3 MHz, Detector = RMS

c. Set Channel power measure = 1MHz

d. Sweep time = auto, trigger set to “free run”.

e. Trace average at least 100 traces in power averaging mode.

f. Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.

b. Set RBW = 300 kHz, Set VBW ≥ 1 MHz, Detector = RMS

c. Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.

d. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(500 kHz / 300 kHz)

e. Sweep time = auto, trigger set to “free run”.

f. Trace average at least 100 traces in power averaging mode.

g. Record the max value and add 10 log (1/duty cycle)

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Conditions

Same as 4.3.6.

4.5.7 Test Results

For U-NII-1, U-NII-2A and U-NII-2C band:

802.11a

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	4.35	4.02	0.14	7.34	11.00	Pass
40	5200	4.78	3.49	0.14	7.33	11.00	Pass
48	5240	4.23	3.67	0.14	7.11	11.00	Pass
52	5260	4.06	3.76	0.14	7.06	11.00	Pass
60	5300	4.04	3.97	0.14	7.16	11.00	Pass
64	5320	3.88	4.05	0.14	7.12	11.00	Pass
100	5500	5.11	3.75	0.14	7.63	11.00	Pass
116	5580	5.14	4.43	0.14	7.95	11.00	Pass
140	5700	5.45	4.52	0.14	8.16	11.00	Pass
144	5720	5.55	4.42	0.14	8.17	11.00	Pass

Note:

1. Method 1 of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. U-NII-1 Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.70dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2A Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.57dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2C Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.69dBi < 6dBi, so the power density limit no need to reduce.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT20)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
36	5180	3.61	3.34	0.10	6.59	11.00	Pass
40	5200	3.86	2.84	0.10	6.49	11.00	Pass
48	5240	3.43	3.07	0.10	6.36	11.00	Pass
52	5260	3.48	3.14	0.10	6.42	11.00	Pass
60	5300	3.44	3.45	0.10	6.56	11.00	Pass
64	5320	3.42	3.47	0.10	6.56	11.00	Pass
100	5500	4.53	3.27	0.10	7.06	11.00	Pass
116	5580	4.63	3.86	0.10	7.37	11.00	Pass
140	5700	4.87	3.93	0.10	7.54	11.00	Pass
144	5720	4.97	3.90	0.10	7.58	11.00	Pass

Note:

1. Method 1 of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. U-NII-1 Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.70dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2A Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.57dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2C Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.69dBi < 6dBi, so the power density limit no need to reduce.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT40)

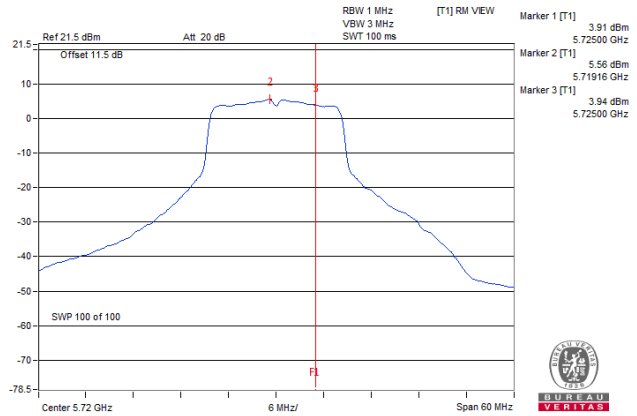
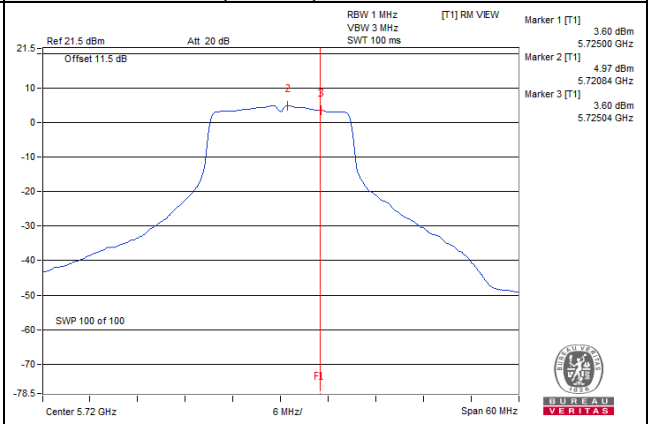
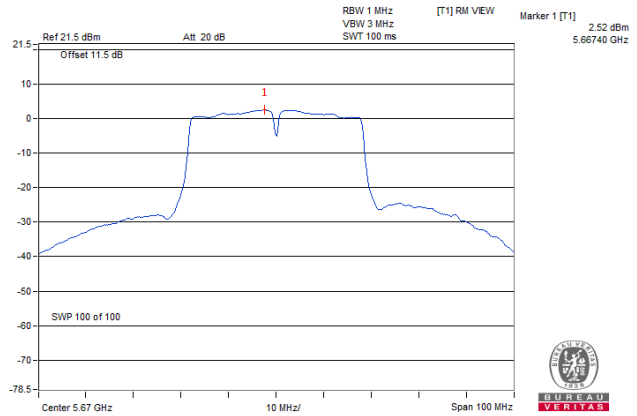
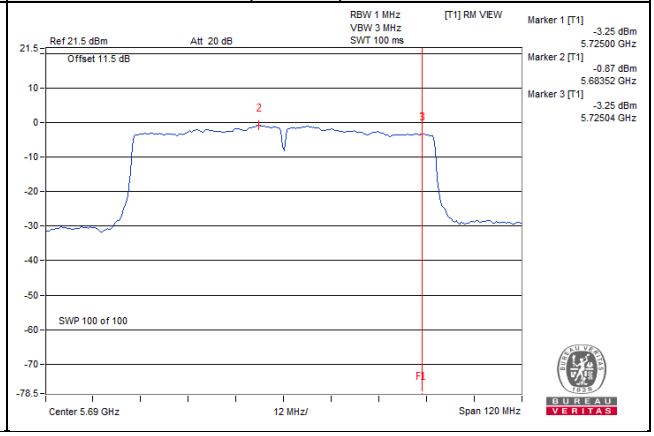
Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-4.13	-4.36	0.20	-1.03	11.00	Pass
46	5230	0.88	0.24	0.20	3.78	11.00	Pass
54	5270	0.94	0.78	0.20	4.07	11.00	Pass
62	5310	-3.50	-3.22	0.20	-0.15	11.00	Pass
102	5510	-1.94	-2.93	0.20	0.80	11.00	Pass
110	5550	1.72	1.33	0.20	4.74	11.00	Pass
134	5670	2.52	1.23	0.20	5.13	11.00	Pass
142	5710	2.28	1.36	0.20	5.05	11.00	Pass

Note:
1. Method 1 of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. U-NII-1 Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.70dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2A Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.57dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2C Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.69dBi < 6dBi, so the power density limit no need to reduce.
3. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT80)

Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
42	5210	-8.74	-9.21	0.38	-5.58	11.00	Pass
58	5290	-7.35	-6.91	0.38	-3.73	11.00	Pass
106	5530	-6.51	-7.58	0.38	-3.62	11.00	Pass
122	5610	-1.28	-1.63	0.38	1.94	11.00	Pass
138	5690	-0.87	-1.85	0.38	2.06	11.00	Pass

Note:
1. Method 1 of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. U-NII-1 Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.70dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2A Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 1.57dBi < 6dBi, so the power density limit no need to reduce.
   U-NII-2C Band: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.69dBi < 6dBi, so the power density limit no need to reduce.
3. Refer to section 3.3 for duty cycle spectrum plot.

Spectrum Plot of Worst Value	
802.11a / Chain 0 / CH 144	802.11ac (VHT20) / Chain 0 / CH 144
	
802.11ac (VHT40) / Chain 0 / CH 134	802.11ac (VHT80) / Chain 0 / 138
	

For U-NII-3 band:

802.11a

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	144	5720	-4.44	-2.22	3.01	0.14	0.93	30.00	Pass
	149	5745	-3.62	-1.40	3.01	0.14	1.75	30.00	Pass
	157	5785	-3.09	-0.87	3.01	0.14	2.28	30.00	Pass
	165	5825	-2.86	-0.64	3.01	0.14	2.51	30.00	Pass
1	144	5720	-5.66	-3.44	3.01	0.14	-0.29	30.00	Pass
	149	5745	-3.47	-1.25	3.01	0.14	1.90	30.00	Pass
	157	5785	-3.65	-1.43	3.01	0.14	1.72	30.00	Pass
	165	5825	-3.47	-1.25	3.01	0.14	1.90	30.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.42dBi < 6dBi, so the power density limit no need to reduce.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT20)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	144	5720	-4.78	-2.56	3.01	0.10	0.55	30.00	Pass
	149	5745	-4.18	-1.96	3.01	0.10	1.15	30.00	Pass
	157	5785	-3.61	-1.39	3.01	0.10	1.72	30.00	Pass
	165	5825	-3.47	-1.25	3.01	0.10	1.86	30.00	Pass
1	144	5720	-5.97	-3.75	3.01	0.10	-0.64	30.00	Pass
	149	5745	-4.05	-1.83	3.01	0.10	1.28	30.00	Pass
	157	5785	-3.92	-1.70	3.01	0.10	1.41	30.00	Pass
	165	5825	-3.94	-1.72	3.01	0.10	1.39	30.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.42dBi < 6dBi, so the power density limit no need to reduce.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT40)

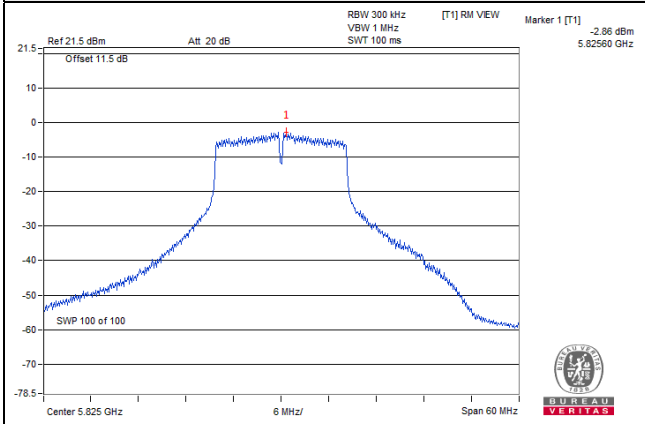
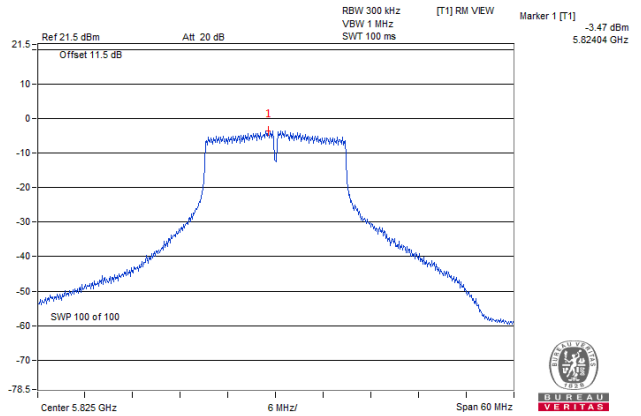
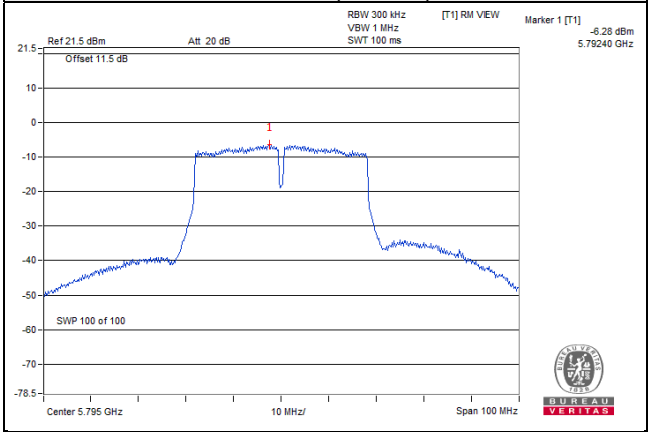
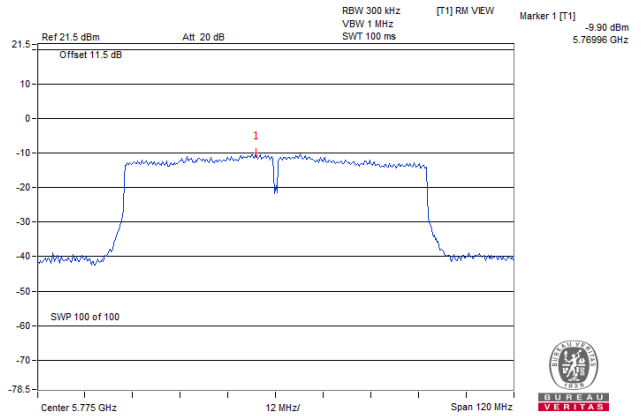
TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	142	5710	-8.41	-6.19	3.01	0.20	-2.98	30.00	Pass
	151	5755	-7.10	-4.88	3.01	0.20	-1.67	30.00	Pass
	159	5795	-6.28	-4.06	3.01	0.20	-0.85	30.00	Pass
1	142	5710	-9.46	-7.24	3.01	0.20	-4.03	30.00	Pass
	151	5755	-7.14	-4.92	3.01	0.20	-1.71	30.00	Pass
	159	5795	-7.06	-4.84	3.01	0.20	-1.63	30.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.42dBi < 6dBi, so the power density limit no need to reduce.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (VHT80)

TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	138	5690	-11.85	-9.63	3.01	0.38	-6.24	30.00	Pass
	155	5775	-10.04	-7.82	3.01	0.38	-4.43	30.00	Pass
1	138	5690	-12.88	-10.66	3.01	0.38	-7.27	30.00	Pass
	155	5775	-9.90	-7.68	3.01	0.38	-4.29	30.00	Pass

Note:
1. Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \cdots + 10^{GN/20})^2/2$]= 0.42dBi < 6dBi, so the power density limit no need to reduce.
2. Refer to section 3.3 for duty cycle spectrum plot.

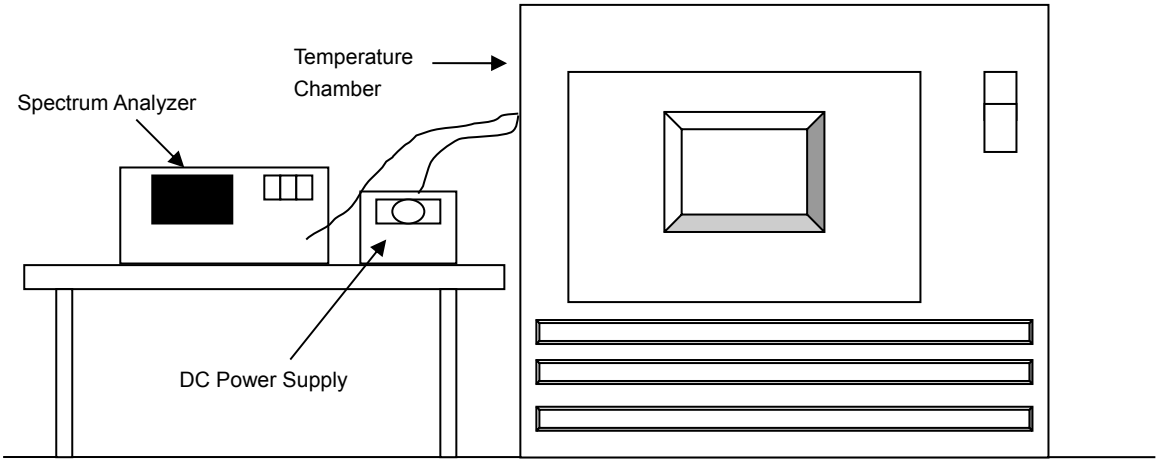
Spectrum Plot of Worst Value	
802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	802.11ac (VHT80)
	

4.6 Frequency Stability

4.6.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.6.2 Test Setup



4.6.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100039	Jun. 11, 2018	Jun. 10, 2019
WIT Standard Temperature And Humidity Chamber	TH-4S-C	W981030	Jun. 04, 2018	Jun. 03, 2019
Digital Multimeter Fluke	87-III	70360742	Jun. 29, 2018	Jun. 28, 2019
DC Power Supply Topward	6603D	700637	NA	NA

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

4.6.4 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.

b. Turn the EUT on and couple its output to a spectrum analyzer.

c. Turn the EUT off and set the chamber to the highest temperature specified.

d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.

e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.

f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.6.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5180MHz									
Temp. (℃)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result
50	3.85	5180.0234	Pass	5180.0222	Pass	5180.0225	Pass	5180.0248	Pass
40	3.85	5179.9914	Pass	5179.9896	Pass	5179.9939	Pass	5179.9892	Pass
30	3.85	5179.9863	Pass	5179.9885	Pass	5179.986	Pass	5179.9879	Pass
20	3.85	5179.9985	Pass	5180.0011	Pass	5179.9983	Pass	5179.9995	Pass
10	3.85	5180.0167	Pass	5180.0192	Pass	5180.0162	Pass	5180.0149	Pass
0	3.85	5180.0229	Pass	5180.0195	Pass	5180.0205	Pass	5180.0195	Pass
-10	3.85	5180.0215	Pass	5180.0262	Pass	5180.0233	Pass	5180.025	Pass
-20	3.85	5179.9921	Pass	5179.9917	Pass	5179.9908	Pass	5179.9915	Pass
-30	3.85	5180.0176	Pass	5180.0189	Pass	5180.0195	Pass	5180.0181	Pass

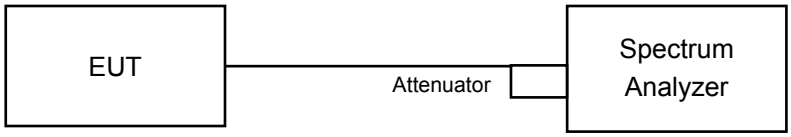
Frequency Stability Versus Voltage									
Operating Frequency: 5180MHz									
Temp. (℃)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result
20	4.4	5179.9975	Pass	5180.0006	Pass	5179.9983	Pass	5180.0002	Pass
	3.85	5179.9985	Pass	5180.0011	Pass	5179.9983	Pass	5179.9995	Pass
	3.6	5179.9985	Pass	5180.0001	Pass	5179.9973	Pass	5180.0005	Pass

4.7 6dB Bandwidth Measurement

4.7.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.7.4 Test Procedure

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Condition

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

4.7.7 Test Results

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (For U-NII-3)	5720	15.57	15.54	0.5	Pass
149	5745	15.57	15.23	0.5	Pass
157	5785	15.55	15.20	0.5	Pass
165	5825	15.37	15.43	0.5	Pass

802.11ac (VHT20)

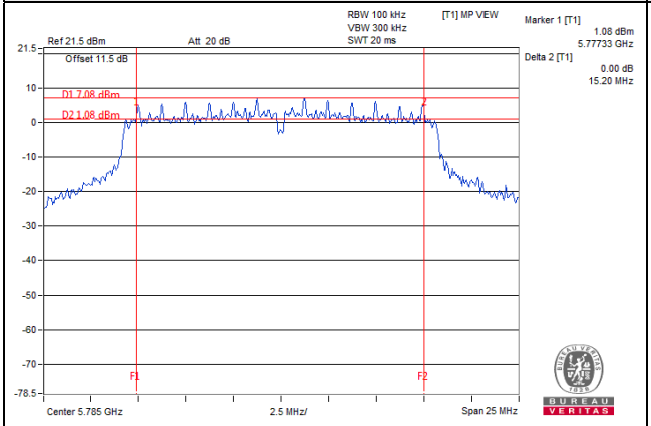
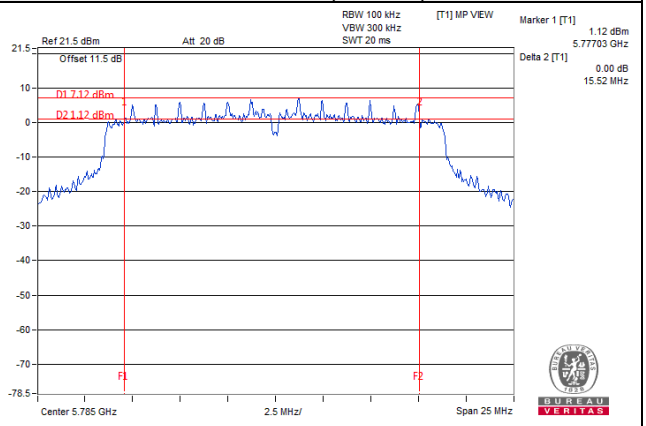
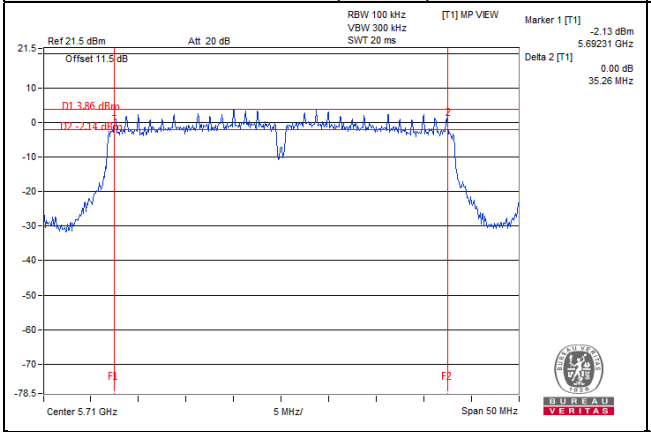
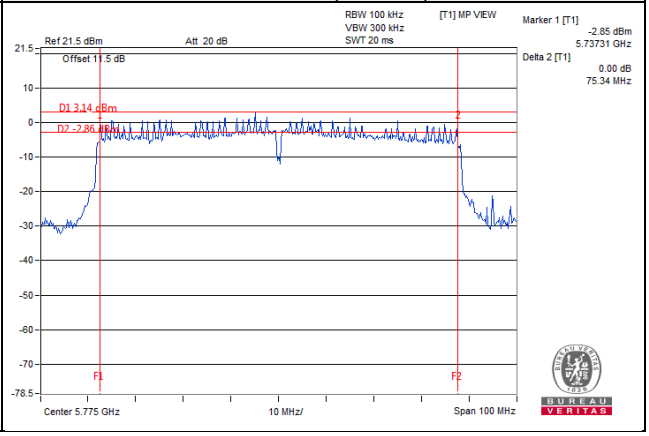
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (For U-NII-3)	5720	15.97	16.02	0.5	Pass
149	5745	16.01	16.01	0.5	Pass
157	5785	16.02	15.52	0.5	Pass
165	5825	16.00	15.99	0.5	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (For U-NII-3)	5710	35.33	35.26	0.5	Pass
151	5755	35.32	35.80	0.5	Pass
159	5795	35.29	35.26	0.5	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
138 (For U-NII-3)	5690	75.39	75.36	0.5	Pass
155	5775	75.42	75.34	0.5	Pass

Spectrum Plot of Worst Value	
802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	802.11ac (VHT80)
	

Note:

For CH144 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

For CH142 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

For CH138 (UNII-3 Band): The 6dB bandwidth above 5725MHz = Marker 1 + Delta 2 - 5725MHz

4.8 Automatically Discontinue Transmission

4.8.1 Limit of Automatically Discontinue Transmission

FCC 15.407(c) states: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Data transmission is always initiated by software, which is then pass down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets (ACKs, CTS, PSPoll, etc…) are initiated by the MAC. There are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets are being transmitted.

4.8.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.8.3 Test Result

While the EUT is not transmitting any information, the EUT does automatically discontinue transmission and become standby mode for power saving. The EUT does detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5 Pictures of Test Arrangements

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

Appendix – Information on 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 and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: www.bureauveritas-adt.com

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

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