FCC Test Report

Report No.:	RF181001C08-1
FCC ID:	A4RG020B
Model Name:	G020B
Received Date:	Oct. 01, 2018
Test Date:	Oct. 26 ~ Nov. 22, 2018
Issued Date:	Dec. 18, 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

Testing Laboratory
2021

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Release Control Record

Issue No.	Description	Date Issued
RF181001C08-1	Original release	Dec. 18, 2018

1 Certificate of Conformity

Product:	Smartphone
Model Name:	G020B
Sample Status:	Identical Prototype
Applicant:	Google LLC
Test Date:	Oct. 26 ~ 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 : Celine Chou , **Date:** Dec. 18, 2018

Celine Chou / Senior Specialist

Approved by : Bruce Chen , **Date:** Dec. 18, 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 -7.22dB at 1.00238MHz.
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 -1.5dB at 5149.03MHz, 5142.00MHz, 5350.30MHz and 5455.06MHz.
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 up to 1 GHz	30MHz ~ 1GHz	5.31 dB
Radiated Emissions above 1 GHz	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	G020B
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/ac: 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: 111.173mW 5260 ~ 5320MHz: 109.803mW 5500 ~ 5720MHz: 111.694mW 5745 ~ 5825MHz: 111.686mW
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 Photo.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

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 **X-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	116	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	116	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

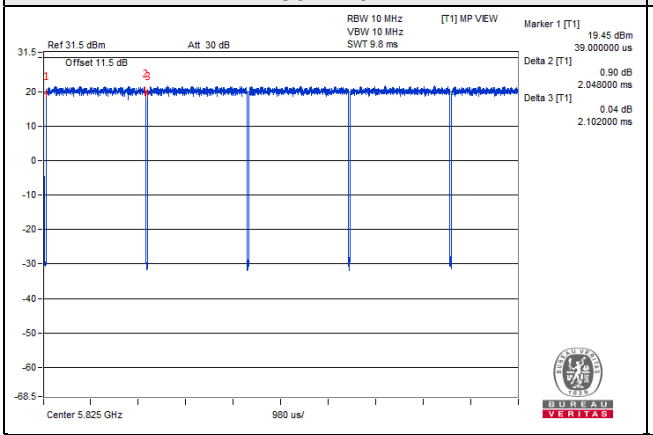
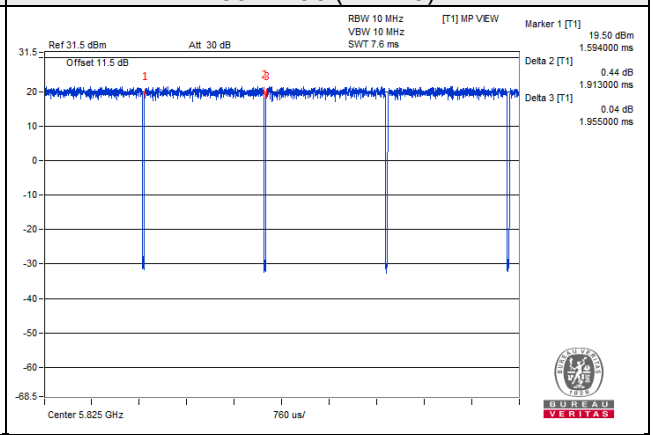
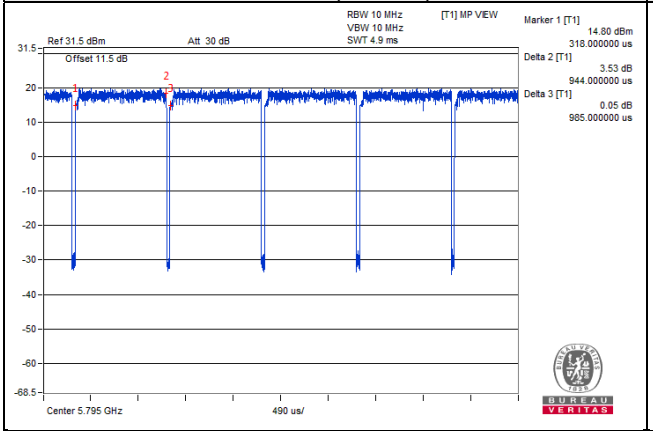
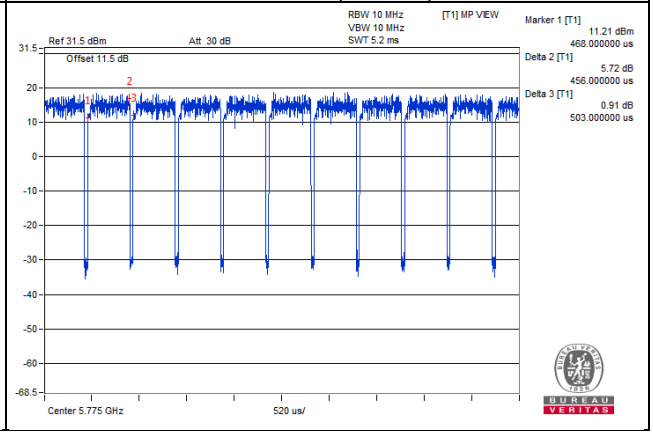
Test Condition:

Applicable to	Environmental Conditions	Input Power	Tested by
RE≥1G	22 deg. C, 62% RH	120Vac, 60Hz	Rey Chen
RE<1G	22 deg. C, 70% 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.

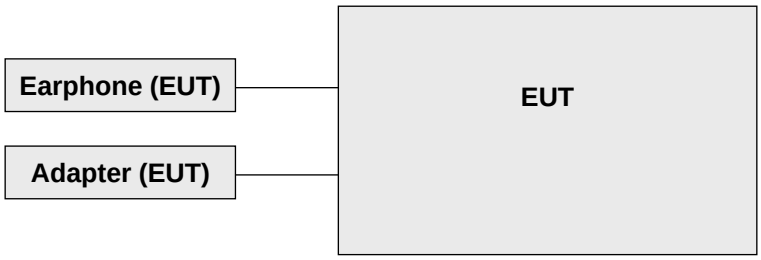
802.11a: Duty cycle = 2.048/2.102 = 0.974, Duty factor = 10 * log (1/0.974) = 0.11
802.11ac (VHT20): Duty cycle = 1.913/1.955 = 0.979, Duty factor = 10 * log (1/0.979) = 0.09
802.11ac (VHT40): Duty cycle = 0.944/0.985 = 0.958, Duty factor = 10 * log (1/0.958) = 0.18
802.11ac (VHT80): Duty cycle = 0.456/0.503 = 0.907, Duty factor = 10 * log (1/0.907) = 0.43

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.

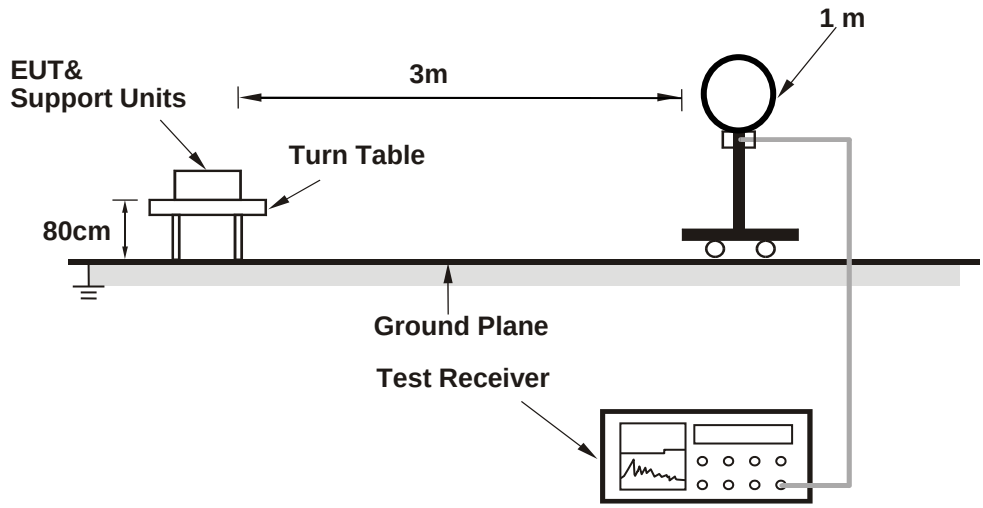
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

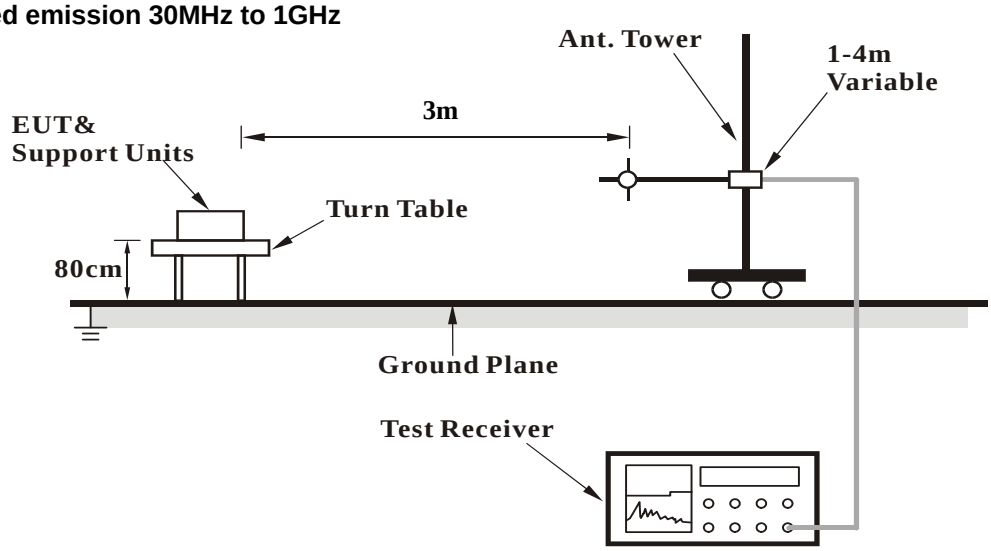
No deviation.

4.1.5 Test Setup

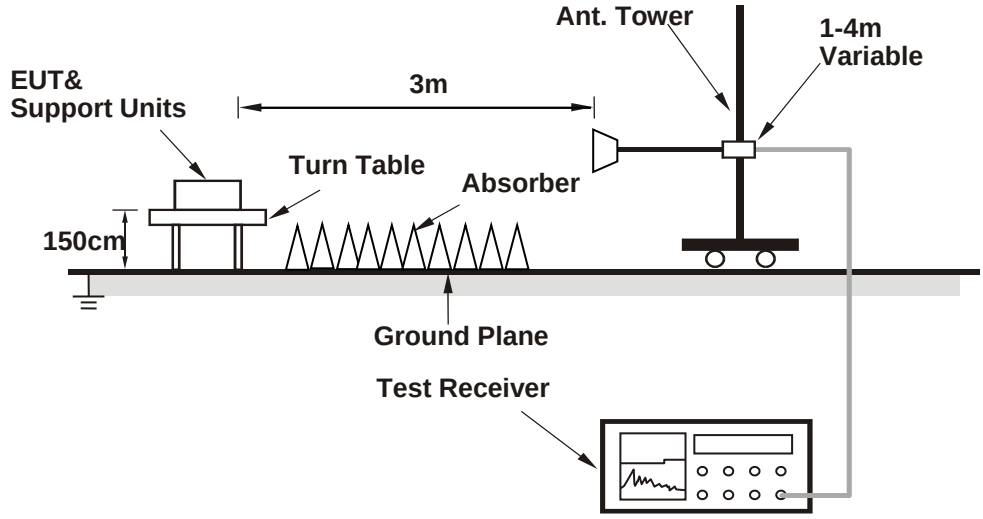
For Radiated emission below 30MHz



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	97.4	1MHz	3MHz	1MHz	1kHz
802.11ac (VHT20)	97.9	1MHz	3MHz	1MHz	1kHz
802.11ac (VHT40)	95.8	1MHz	3MHz	1MHz	3kHz
802.11ac (VHT80)	90.7	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

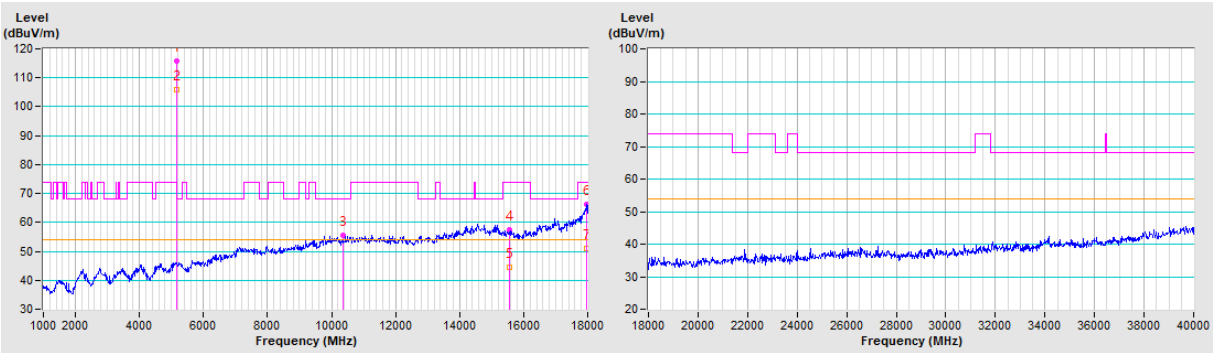
802.11a

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	115.8 PK			1.28 H	232	113.3	2.5
2	*5180.00	105.9 AV			1.28 H	232	103.4	2.5
3	#10360.00	55.4 PK	68.2	-12.8	2.23 H	149	43.5	11.9
4	15540.00	57.4 PK	74.0	-16.6	1.95 H	201	45.0	12.4
5	15540.00	44.6 AV	54.0	-9.4	1.95 H	201	32.2	12.4
6	17978.33	66.1 PK	74.0	-7.9	1.09 H	217	44.6	21.5
7	17978.33	50.9 AV	54.0	-3.1	1.09 H	217	29.4	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

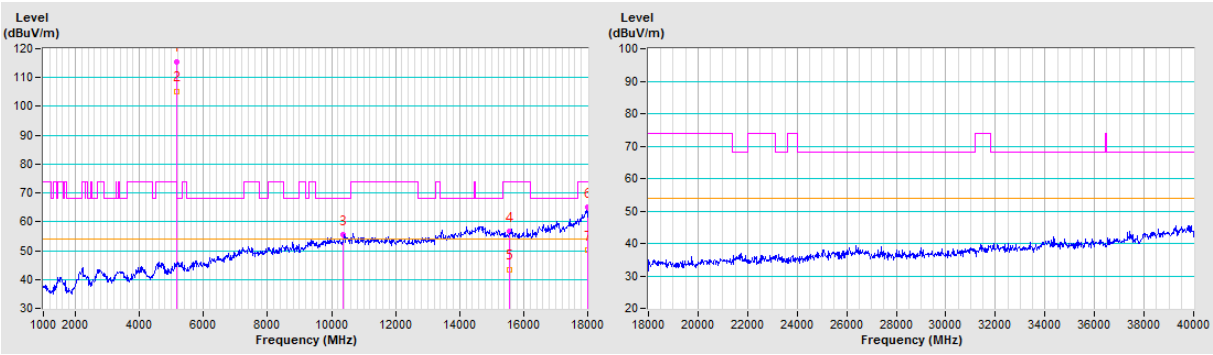


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.6 PK			3.06 V	165	113.1	2.5
2	*5180.00	105.3 AV			3.06 V	165	102.8	2.5
3	#10360.00	55.5 PK	68.2	-12.7	1.35 V	217	43.6	11.9
4	15540.00	56.6 PK	74.0	-17.4	1.89 V	146	44.2	12.4
5	15540.00	43.5 AV	54.0	-10.5	1.89 V	146	31.1	12.4
6	17995.75	65.0 PK	74.0	-9.0	1.34 V	155	43.1	21.9
7	17995.75	50.3 AV	54.0	-3.7	1.34 V	155	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

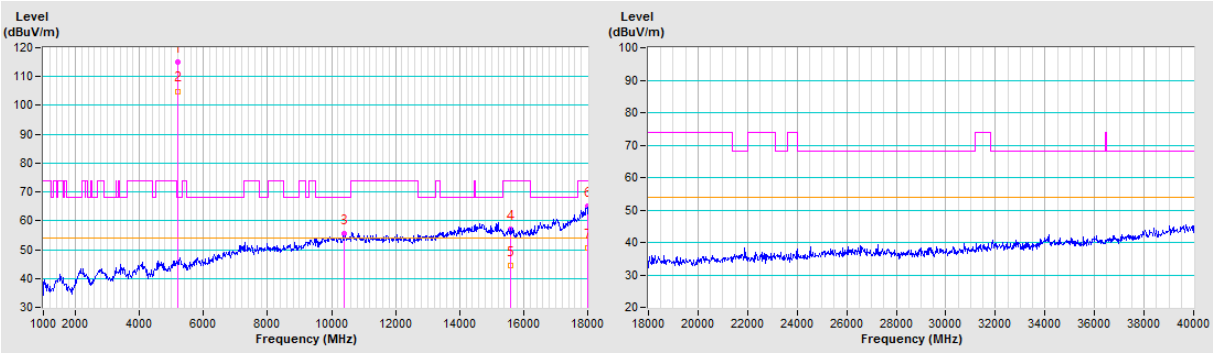


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	114.9 PK			1.23 H	234	112.5	2.4
2	*5200.00	104.9 AV			1.23 H	234	102.5	2.4
3	#10400.00	55.4 PK	68.2	-12.8	2.19 H	153	43.2	12.2
4	15600.00	56.9 PK	74.0	-17.1	1.95 H	186	44.0	12.9
5	15600.00	44.4 AV	54.0	-9.6	1.95 H	186	31.5	12.9
6	17983.00	64.9 PK	74.0	-9.1	1.10 H	179	43.3	21.6
7	17983.00	50.7 AV	54.0	-3.3	1.10 H	179	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

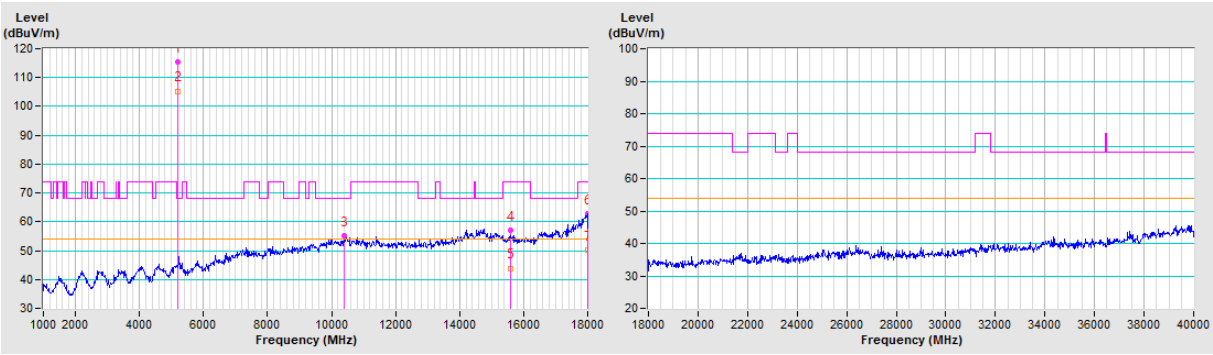


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.4 PK			3.22 V	170	113.0	2.4
2	*5200.00	105.3 AV			3.22 V	170	102.9	2.4
3	#10400.00	55.0 PK	68.2	-13.2	1.29 V	211	42.8	12.2
4	15600.00	57.0 PK	74.0	-17.0	1.84 V	155	44.1	12.9
5	15600.00	43.9 AV	54.0	-10.1	1.84 V	155	31.0	12.9
6	17999.15	62.7 PK	74.0	-11.3	1.27 V	302	40.8	21.9
7	17999.15	50.3 AV	54.0	-3.7	1.27 V	302	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

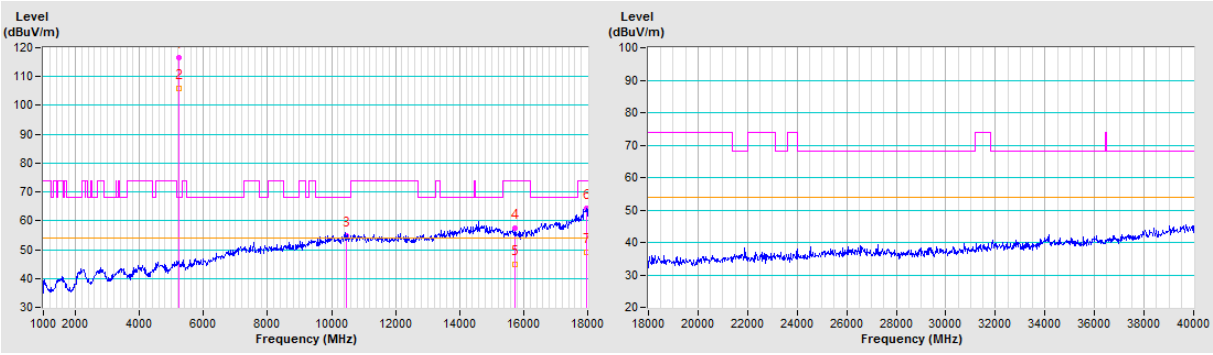


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	116.5 PK			1.17 H	235	114.3	2.2
2	*5240.00	105.7 AV			1.17 H	235	103.5	2.2
3	#10480.00	54.9 PK	68.2	-13.3	2.28 H	141	42.5	12.4
4	15720.00	57.5 PK	74.0	-16.5	1.91 H	208	45.5	12.0
5	15720.00	44.8 AV	54.0	-9.2	1.91 H	208	32.8	12.0
6	17955.80	64.2 PK	74.0	-9.8	1.12 H	147	43.0	21.2
7	17955.80	49.2 AV	54.0	-4.8	1.12 H	147	28.0	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

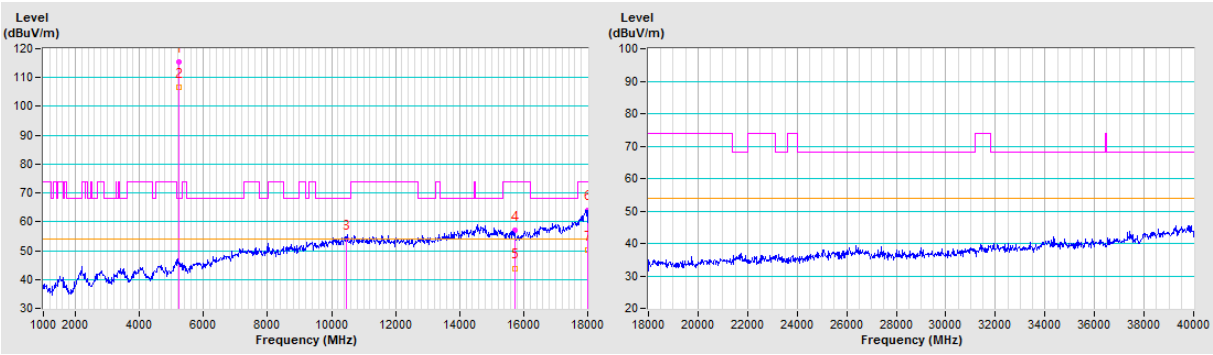


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.4 PK			3.14 V	187	113.2	2.2
2	*5240.00	106.7 AV			3.14 V	187	104.5	2.2
3	#10480.00	54.0 PK	68.2	-14.2	1.30 V	205	41.6	12.4
4	15720.00	57.0 PK	74.0	-17.0	1.91 V	154	45.0	12.0
5	15720.00	43.9 AV	54.0	-10.1	1.91 V	154	31.9	12.0
6	17997.45	64.1 PK	74.0	-9.9	1.55 V	312	42.2	21.9
7	17997.45	50.3 AV	54.0	-3.7	1.55 V	312	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

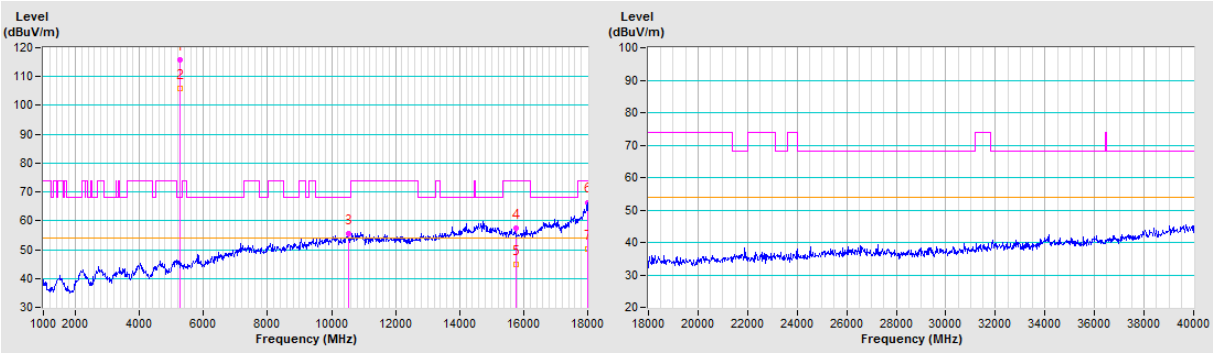


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.9 PK			1.23 H	233	113.8	2.1
2	*5260.00	106.0 AV			1.23 H	233	103.9	2.1
3	#10520.00	55.5 PK	68.2	-12.7	2.27 H	153	43.1	12.4
4	15780.00	57.4 PK	74.0	-16.6	2.01 H	189	45.9	11.5
5	15780.00	44.9 AV	54.0	-9.1	2.01 H	189	33.4	11.5
6	17991.92	66.4 PK	74.0	-7.6	1.21 H	143	44.6	21.8
7	17991.92	50.3 AV	54.0	-3.7	1.21 H	143	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

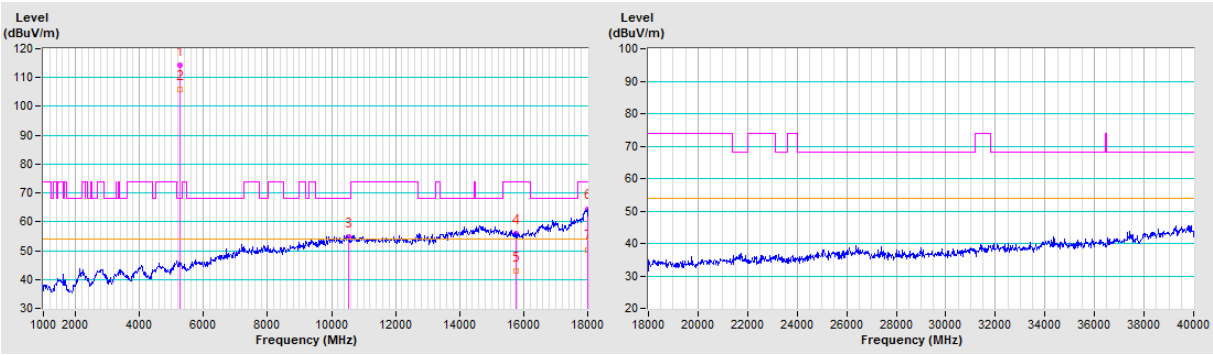


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	114.2 PK			3.27 V	165	112.1	2.1
2	*5260.00	105.9 AV			3.27 V	165	103.8	2.1
3	#10520.00	54.8 PK	68.2	-13.4	1.39 V	221	42.4	12.4
4	15780.00	55.9 PK	74.0	-18.1	1.90 V	156	44.4	11.5
5	15780.00	43.1 AV	54.0	-10.9	1.90 V	156	31.6	11.5
6	17992.35	64.5 PK	74.0	-9.5	1.31 V	240	42.7	21.8
7	17992.35	50.4 AV	54.0	-3.6	1.31 V	240	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

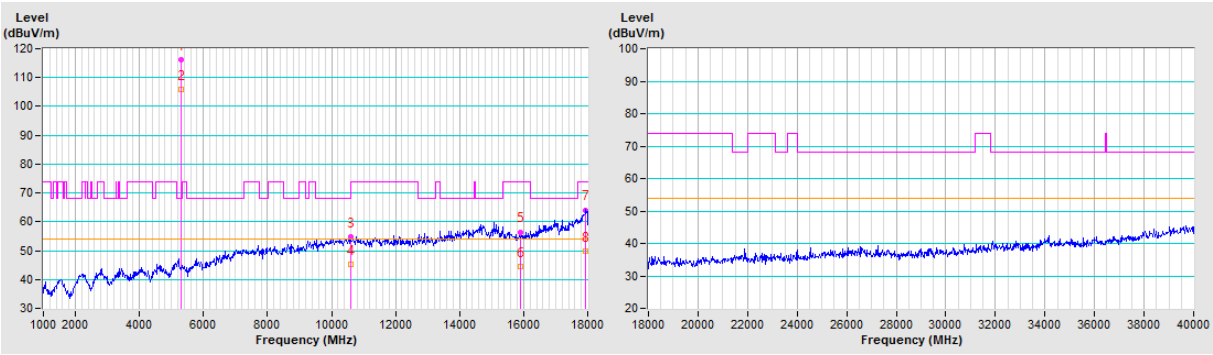


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	116.0 PK			1.17 H	232	113.8	2.2
2	*5300.00	105.9 AV			1.17 H	232	103.7	2.2
3	10600.00	54.7 PK	74.0	-19.3	2.21 H	151	43.0	11.7
4	10600.00	45.3 AV	54.0	-8.7	2.21 H	151	33.6	11.7
5	15900.00	56.5 PK	74.0	-17.5	1.86 H	177	45.3	11.2
6	15900.00	44.6 AV	54.0	-9.4	1.86 H	177	33.4	11.2
7	17939.22	64.1 PK	74.0	-9.9	1.11 H	179	43.3	20.8
8	17939.22	49.7 AV	54.0	-4.3	1.11 H	179	28.9	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

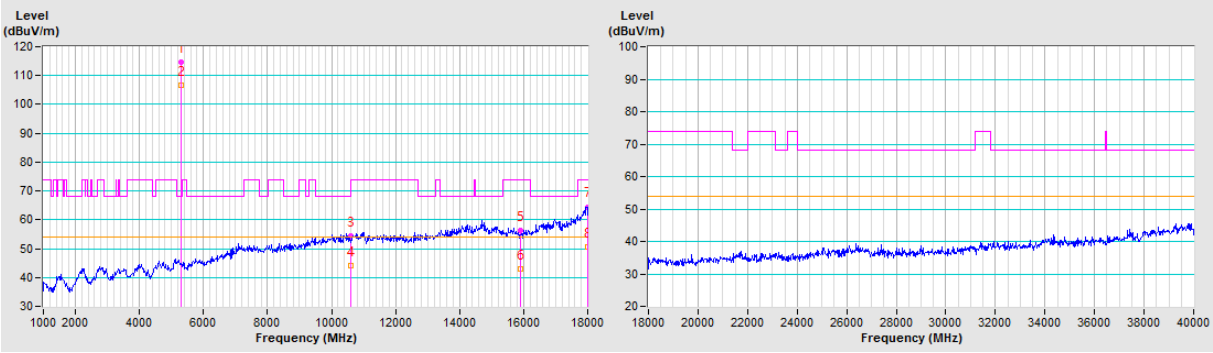


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	114.7 PK			3.28 V	169	112.5	2.2
2	*5300.00	106.7 AV			3.28 V	169	104.5	2.2
3	10600.00	54.4 PK	74.0	-19.6	1.34 V	204	42.7	11.7
4	10600.00	44.1 AV	54.0	-9.9	1.34 V	204	32.4	11.7
5	15900.00	56.2 PK	74.0	-17.8	1.87 V	156	45.0	11.2
6	15900.00	43.0 AV	54.0	-11.0	1.87 V	156	31.8	11.2
7	17993.20	64.5 PK	74.0	-9.5	1.44 V	98	42.7	21.8
8	17993.20	50.5 AV	54.0	-3.5	1.44 V	98	28.7	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

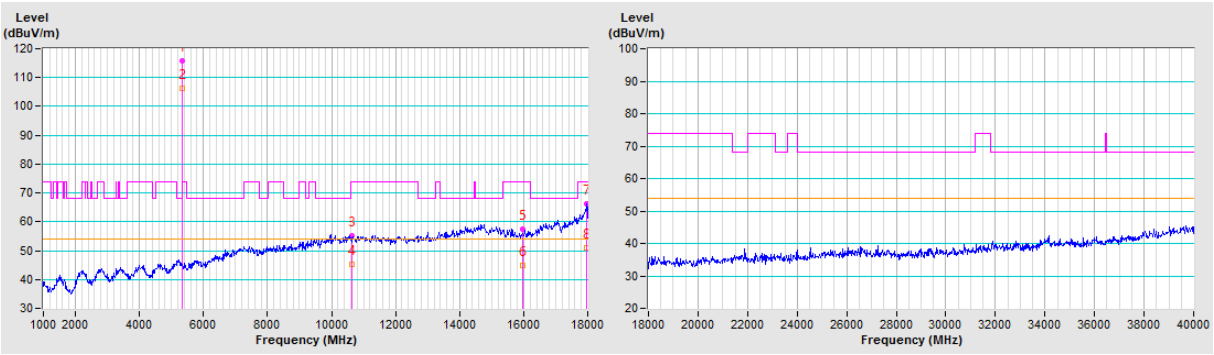


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.9 PK			1.17 H	232	113.6	2.3
2	*5320.00	106.1 AV			1.17 H	232	103.8	2.3
3	10640.00	55.0 PK	74.0	-19.0	2.21 H	163	43.3	11.7
4	10640.00	45.4 AV	54.0	-8.6	2.21 H	163	33.7	11.7
5	15960.00	57.5 PK	74.0	-16.5	1.89 H	192	46.1	11.4
6	15960.00	44.8 AV	54.0	-9.2	1.89 H	192	33.4	11.4
7	17973.65	66.2 PK	74.0	-7.8	1.10 H	360	44.7	21.5
8	17973.65	50.9 AV	54.0	-3.1	1.10 H	360	29.4	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

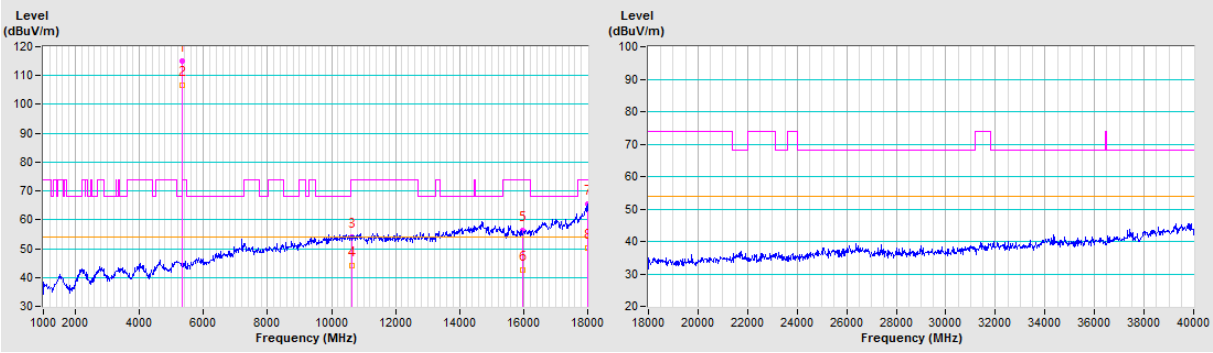


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.0 PK			3.26 V	175	112.7	2.3
2	*5320.00	106.6 AV			3.26 V	175	104.3	2.3
3	10640.00	53.9 PK	74.0	-20.1	1.38 V	235	42.2	11.7
4	10640.00	44.2 AV	54.0	-9.8	1.38 V	235	32.5	11.7
5	15960.00	56.3 PK	74.0	-17.7	1.88 V	152	44.9	11.4
6	15960.00	42.6 AV	54.0	-11.4	1.88 V	152	31.2	11.4
7	17995.75	65.5 PK	74.0	-8.5	1.32 V	235	43.6	21.9
8	17995.75	50.1 AV	54.0	-3.9	1.32 V	235	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

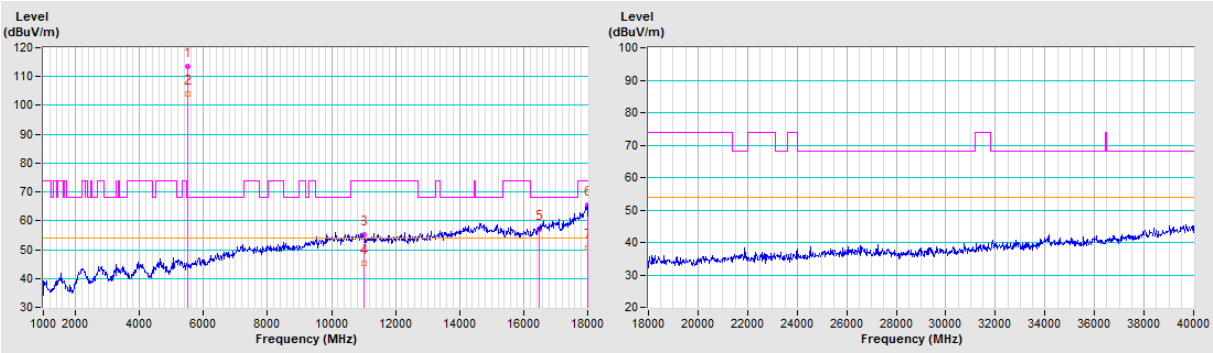


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	113.4 PK			1.31 H	201	110.9	2.5
2	*5500.00	104.1 AV			1.31 H	201	101.6	2.5
3	11000.00	55.3 PK	74.0	-18.7	2.28 H	162	43.1	12.2
4	11000.00	45.2 AV	54.0	-8.8	2.28 H	162	33.0	12.2
5	#16500.00	56.9 PK	68.2	-11.3	1.95 H	204	43.2	13.7
6	17987.67	65.6 PK	74.0	-8.4	1.21 H	219	44.0	21.6
7	17987.67	50.6 AV	54.0	-3.4	1.21 H	219	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

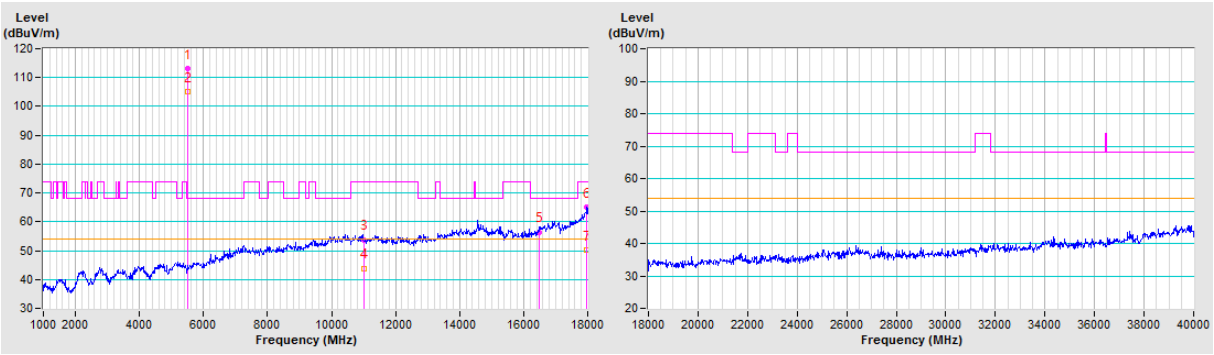


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	113.2 PK			3.25 V	169	110.7	2.5
2	*5500.00	105.1 AV			3.25 V	169	102.6	2.5
3	11000.00	53.8 PK	74.0	-20.2	1.36 V	222	41.6	12.2
4	11000.00	43.9 AV	54.0	-10.1	1.36 V	222	31.7	12.2
5	#16500.00	56.5 PK	68.2	-11.7	1.91 V	146	42.8	13.7
6	17962.60	64.9 PK	74.0	-9.1	1.36 V	294	43.6	21.3
7	17962.60	50.1 AV	54.0	-3.9	1.36 V	294	28.8	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

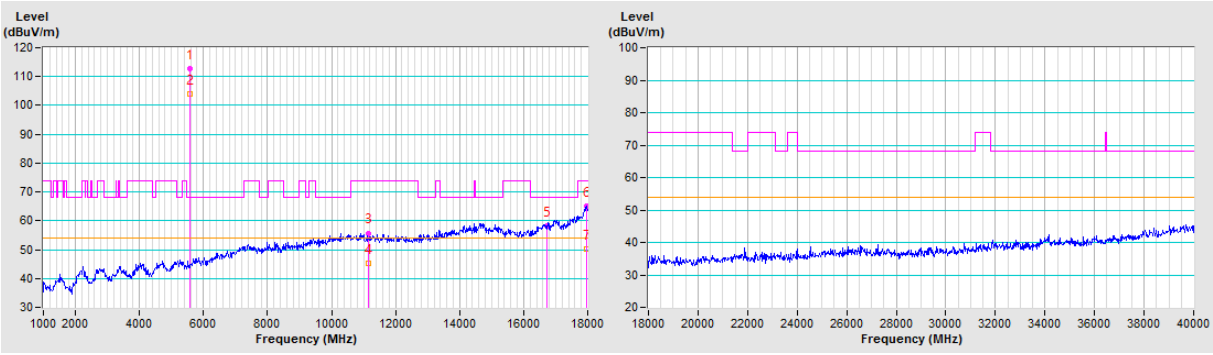


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.9 PK			1.13 H	191	110.1	2.8
2	*5580.00	103.9 AV			1.13 H	191	101.1	2.8
3	11160.00	55.7 PK	74.0	-18.3	2.30 H	160	43.7	12.0
4	11160.00	45.4 AV	54.0	-8.6	2.30 H	160	33.4	12.0
5	#16740.00	58.1 PK	68.2	-10.1	2.01 H	212	43.9	14.2
6	17952.40	65.1 PK	74.0	-8.9	1.08 H	117	44.0	21.1
7	17952.40	50.1 AV	54.0	-3.9	1.08 H	117	29.0	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

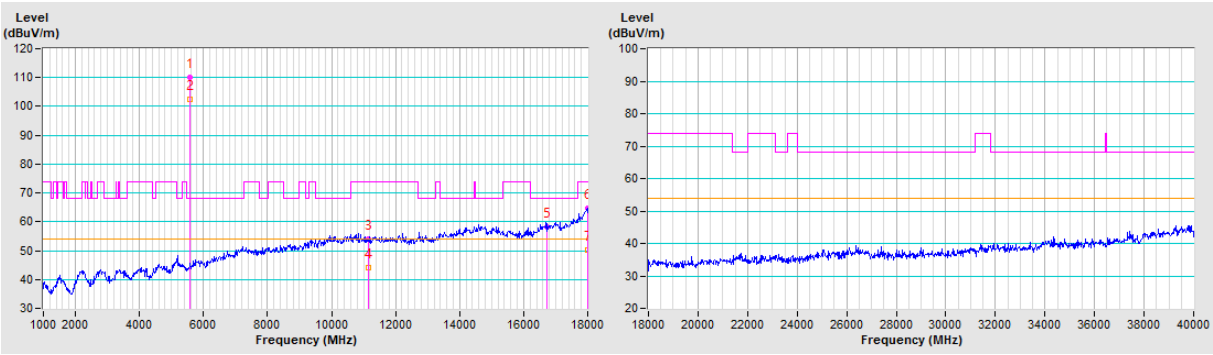


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.0 PK			3.31 V	288	107.2	2.8
2	*5580.00	102.4 AV			3.31 V	288	99.6	2.8
3	11160.00	54.0 PK	74.0	-20.0	1.41 V	225	42.0	12.0
4	11160.00	44.2 AV	54.0	-9.8	1.41 V	225	32.2	12.0
5	#16740.00	58.2 PK	68.2	-10.0	1.93 V	139	44.0	14.2
6	17984.70	64.7 PK	74.0	-9.3	1.44 V	247	43.1	21.6
7	17984.70	50.3 AV	54.0	-3.7	1.44 V	247	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

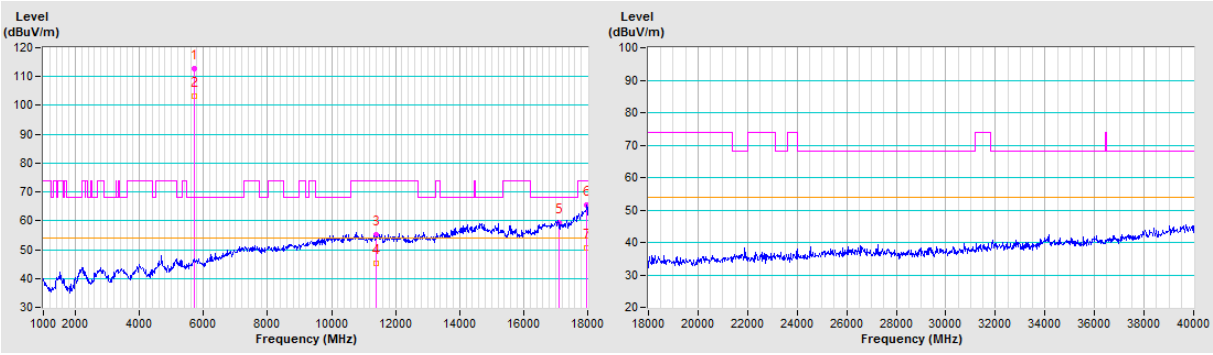


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: 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	112.8 PK			1.38 H	184	109.9	2.9
2	*5700.00	103.3 AV			1.38 H	184	100.4	2.9
3	11400.00	55.2 PK	74.0	-18.8	2.26 H	162	42.2	13.0
4	11400.00	45.3 AV	54.0	-8.7	2.26 H	162	32.3	13.0
5	#17100.00	59.2 PK	68.2	-9.0	1.96 H	214	43.1	16.1
6	17979.60	65.6 PK	74.0	-8.4	1.64 H	112	44.1	21.5
7	17979.60	50.6 AV	54.0	-3.4	1.64 H	112	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

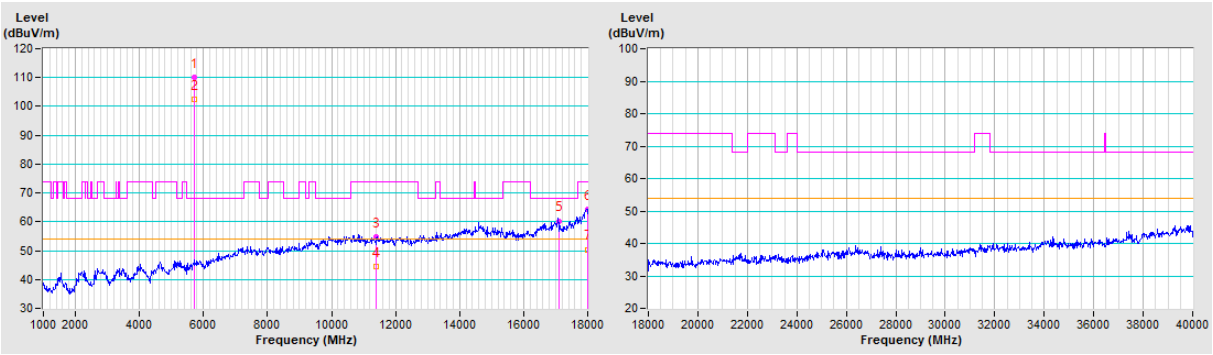


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.2 PK			3.15 V	167	107.3	2.9
2	*5700.00	102.6 AV			3.15 V	167	99.7	2.9
3	11400.00	54.9 PK	74.0	-19.1	1.40 V	229	41.9	13.0
4	11400.00	44.5 AV	54.0	-9.5	1.40 V	229	31.5	13.0
5	#17100.00	60.3 PK	68.2	-7.9	1.86 V	156	44.2	16.1
6	17984.28	64.4 PK	74.0	-9.6	1.30 V	157	42.8	21.6
7	17984.28	50.4 AV	54.0	-3.6	1.30 V	157	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

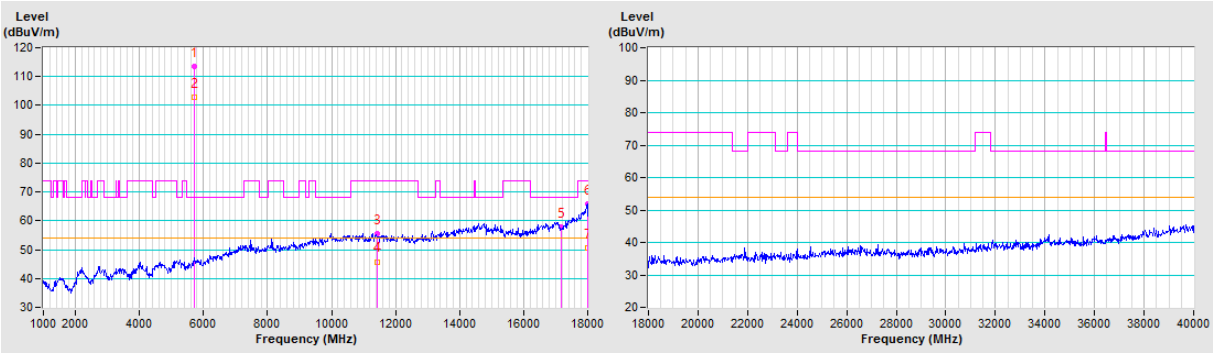


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	113.4 PK			1.38 H	185	110.5	2.9
2	*5720.00	102.8 AV			1.38 H	185	99.9	2.9
3	11440.00	55.5 PK	74.0	-18.5	2.28 H	144	42.8	12.7
4	11440.00	45.8 AV	54.0	-8.2	2.28 H	144	33.1	12.7
5	#17160.00	57.9 PK	68.2	-10.3	1.93 H	191	42.3	15.6
6	17990.65	65.7 PK	74.0	-8.3	1.15 H	214	43.9	21.8
7	17990.65	50.7 AV	54.0	-3.3	1.15 H	214	28.9	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

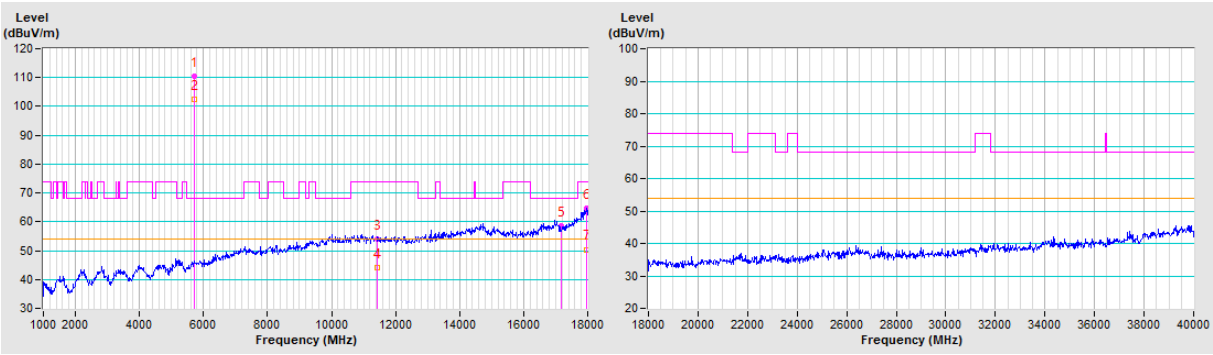


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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			3.15 V	165	107.5	2.9
2	*5720.00	102.6 AV			3.15 V	165	99.7	2.9
3	11440.00	54.1 PK	74.0	-19.9	1.35 V	219	41.4	12.7
4	11440.00	44.1 AV	54.0	-9.9	1.35 V	219	31.4	12.7
5	#17160.00	58.5 PK	68.2	-9.7	1.84 V	153	42.9	15.6
6	17977.90	64.7 PK	74.0	-9.3	1.32 V	254	43.2	21.5
7	17977.90	50.4 AV	54.0	-3.6	1.32 V	254	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

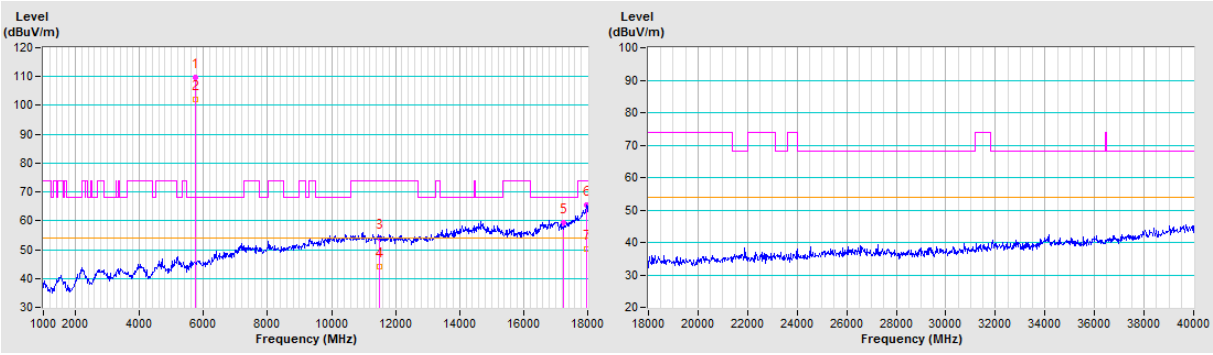


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.7 PK			3.09 H	172	106.8	2.9
2	*5745.00	101.9 AV			3.09 H	172	99.0	2.9
3	11490.00	53.9 PK	74.0	-20.1	1.39 H	233	41.6	12.3
4	11490.00	44.0 AV	54.0	-10.0	1.39 H	233	31.7	12.3
5	#17235.00	59.2 PK	68.2	-9.0	1.90 H	136	43.9	15.3
6	17966.42	65.5 PK	74.0	-8.5	1.11 H	319	44.1	21.4
7	17966.42	50.3 AV	54.0	-3.7	1.11 H	319	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

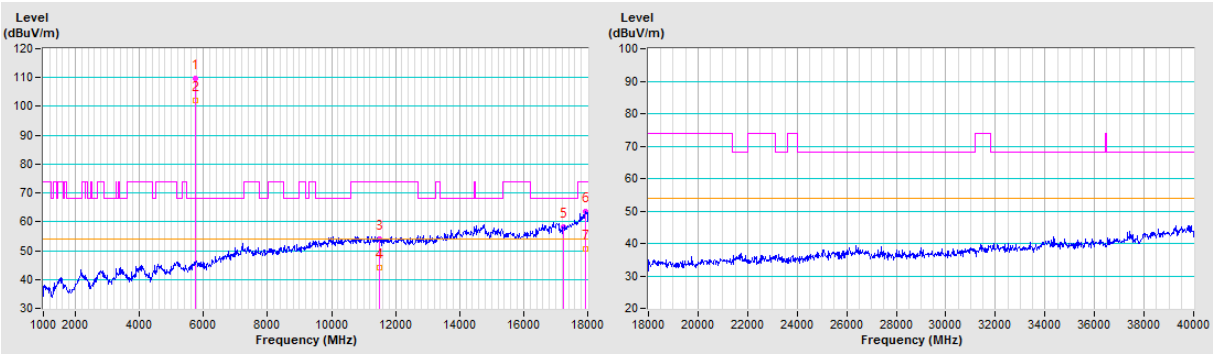


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.7 PK			3.09 V	172	106.8	2.9
2	*5745.00	101.9 AV			3.09 V	172	99.0	2.9
3	11490.00	53.9 PK	74.0	-20.1	1.39 V	233	41.6	12.3
4	11490.00	44.0 AV	54.0	-10.0	1.39 V	233	31.7	12.3
5	#17235.00	58.2 PK	68.2	-10.0	1.90 V	136	42.9	15.3
6	17932.00	63.5 PK	74.0	-10.5	1.56 V	115	42.8	20.7
7	17932.00	50.5 AV	54.0	-3.5	1.56 V	115	29.8	20.7

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

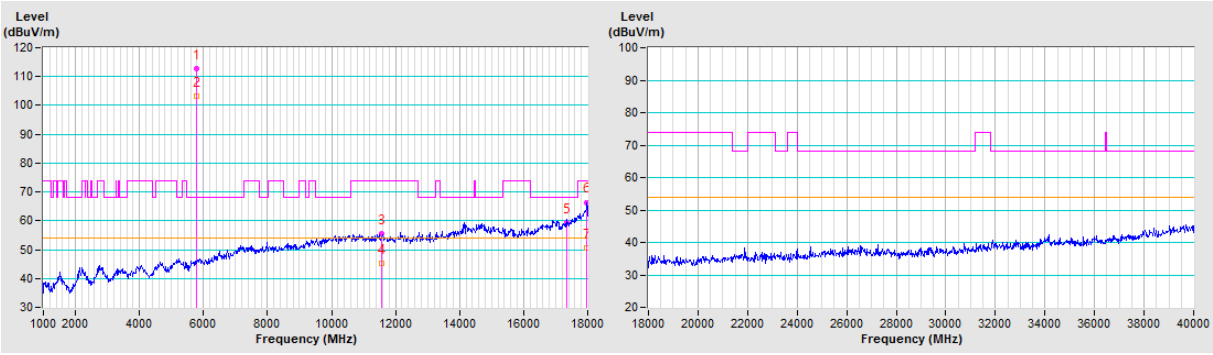


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.7 PK			1.14 H	0	109.6	3.1
2	*5785.00	103.1 AV			1.14 H	0	100.0	3.1
3	11570.00	55.5 PK	74.0	-18.5	2.24 H	150	43.1	12.4
4	11570.00	45.4 AV	54.0	-8.6	2.24 H	150	33.0	12.4
5	#17355.00	59.2 PK	68.2	-9.0	2.01 H	202	43.2	16.0
6	17968.55	66.4 PK	74.0	-7.6	1.09 H	143	45.0	21.4
7	17968.55	50.6 AV	54.0	-3.4	1.09 H	143	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

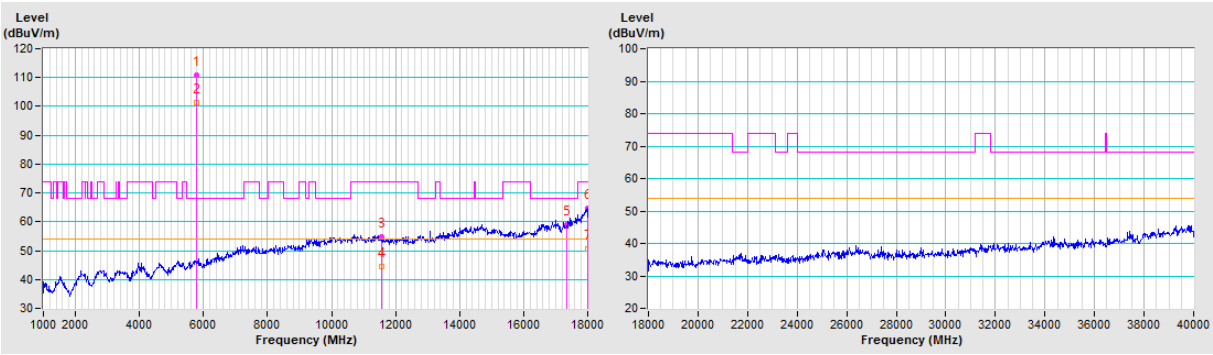


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.8 PK			3.08 V	168	107.7	3.1
2	*5785.00	101.4 AV			3.08 V	168	98.3	3.1
3	11570.00	54.7 PK	74.0	-19.3	1.35 V	222	42.3	12.4
4	11570.00	44.6 AV	54.0	-9.4	1.35 V	222	32.2	12.4
5	#17355.00	59.1 PK	68.2	-9.1	1.84 V	140	43.1	16.0
6	17990.65	64.6 PK	74.0	-9.4	1.42 V	266	42.8	21.8
7	17990.65	50.6 AV	54.0	-3.4	1.42 V	266	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

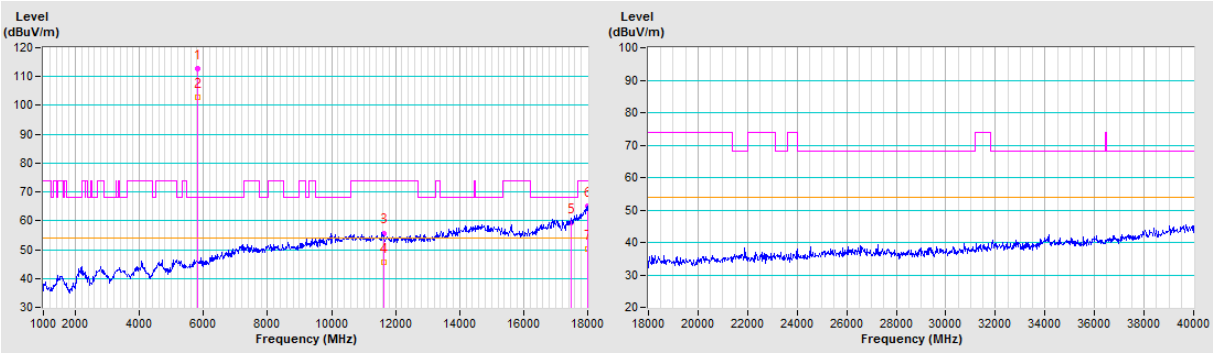


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.9 PK			1.14 H	186	109.7	3.2
2	*5825.00	102.8 AV			1.14 H	186	99.6	3.2
3	11650.00	55.7 PK	74.0	-18.3	2.18 H	137	43.3	12.4
4	11650.00	45.6 AV	54.0	-8.4	2.18 H	137	33.2	12.4
5	#17475.00	59.2 PK	68.2	-9.0	1.92 H	199	41.8	17.4
6	17998.72	65.2 PK	74.0	-8.8	1.07 H	175	43.3	21.9
7	17998.72	50.2 AV	54.0	-3.8	1.07 H	175	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

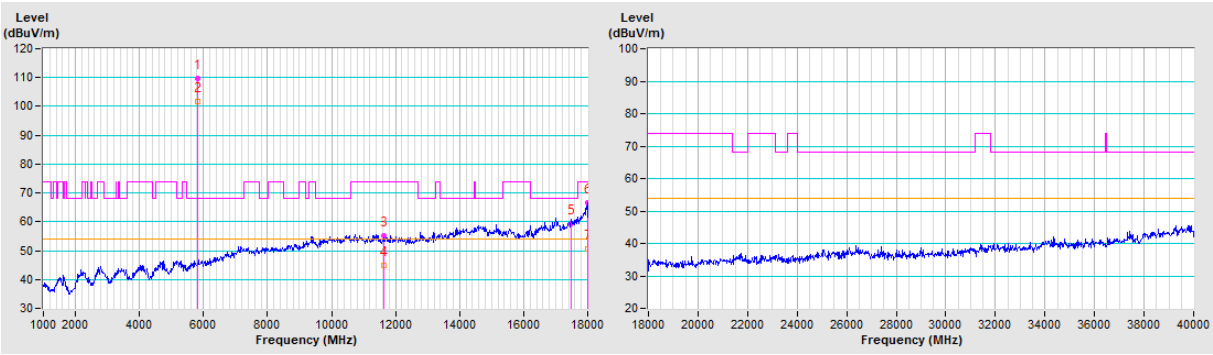


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.8 PK			3.11 V	178	106.6	3.2
2	*5825.00	101.8 AV			3.11 V	178	98.6	3.2
3	11650.00	55.1 PK	74.0	-18.9	1.29 V	212	42.7	12.4
4	11650.00	44.8 AV	54.0	-9.2	1.29 V	212	32.4	12.4
5	#17475.00	59.2 PK	68.2	-9.0	1.91 V	154	41.8	17.4
6	17995.33	66.7 PK	74.0	-7.3	1.30 V	143	44.8	21.9
7	17995.33	50.6 AV	54.0	-3.4	1.30 V	143	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



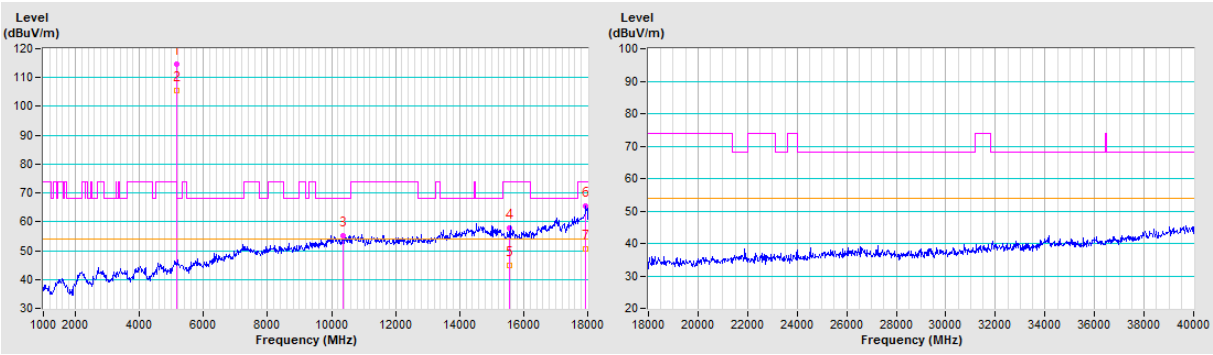
802.11ac (VHT20)

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	114.6 PK			1.00 H	340	112.1	2.5
2	*5180.00	105.5 AV			1.00 H	340	103.0	2.5
3	#10360.00	55.3 PK	68.2	-12.9	2.28 H	133	43.4	11.9
4	15540.00	57.9 PK	74.0	-16.1	1.98 H	213	45.5	12.4
5	15540.00	44.8 AV	54.0	-9.2	1.98 H	213	32.4	12.4
6	17937.95	65.6 PK	74.0	-8.4	1.19 H	294	44.8	20.8
7	17937.95	50.5 AV	54.0	-3.5	1.19 H	294	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

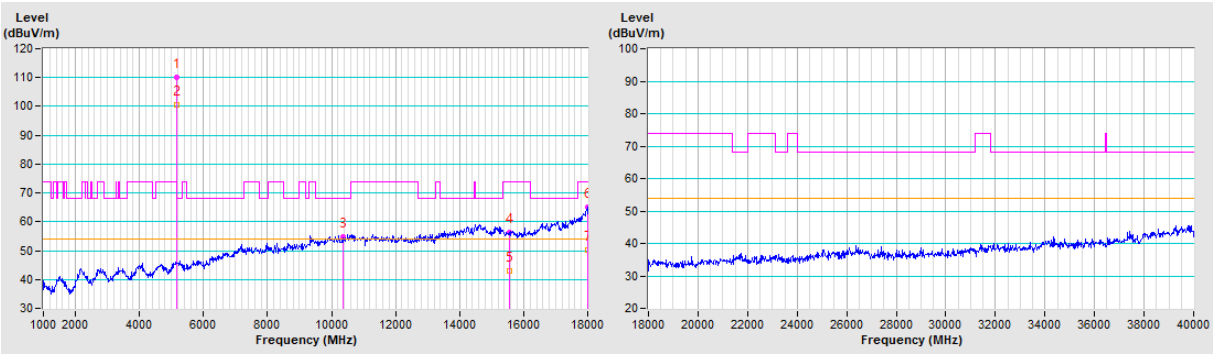


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.2 PK			3.46 V	284	107.7	2.5
2	*5180.00	100.6 AV			3.46 V	284	98.1	2.5
3	#10360.00	54.9 PK	68.2	-13.3	1.41 V	233	43.0	11.9
4	15540.00	56.2 PK	74.0	-17.8	1.89 V	149	43.8	12.4
5	15540.00	43.1 AV	54.0	-10.9	1.89 V	149	30.7	12.4
6	17998.72	65.0 PK	74.0	-9.0	1.39 V	157	43.1	21.9
7	17998.72	50.1 AV	54.0	-3.9	1.39 V	157	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

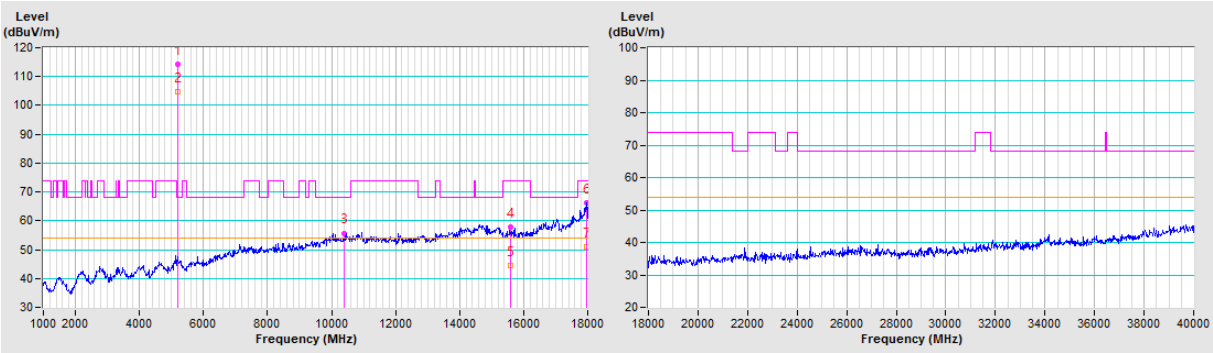


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: 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	114.4 PK			1.23 H	340	112.0	2.4
2	*5200.00	104.8 AV			1.23 H	340	102.4	2.4
3	#10400.00	55.7 PK	68.2	-12.5	2.28 H	161	43.5	12.2
4	15600.00	57.7 PK	74.0	-16.3	1.95 H	190	44.8	12.9
5	15600.00	44.6 AV	54.0	-9.4	1.95 H	190	31.7	12.9
6	17960.90	66.1 PK	74.0	-7.9	1.17 H	274	44.8	21.3
7	17960.90	50.8 AV	54.0	-3.2	1.17 H	274	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

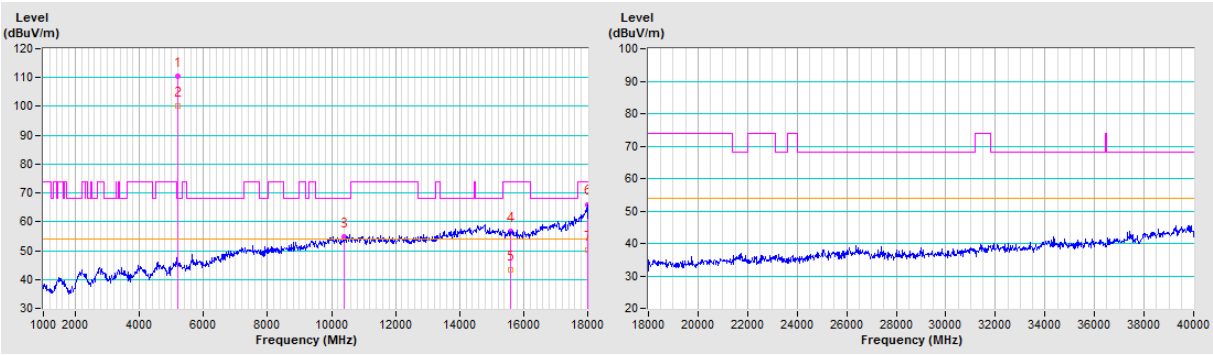


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.5 PK			3.44 V	293	108.1	2.4
2	*5200.00	100.2 AV			3.44 V	293	97.8	2.4
3	#10400.00	54.6 PK	68.2	-13.6	1.37 V	216	42.4	12.2
4	15600.00	56.7 PK	74.0	-17.3	1.93 V	134	43.8	12.9
5	15600.00	43.4 AV	54.0	-10.6	1.93 V	134	30.5	12.9
6	17995.33	66.0 PK	74.0	-8.0	1.36 V	360	44.1	21.9
7	17995.33	50.2 AV	54.0	-3.8	1.36 V	360	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

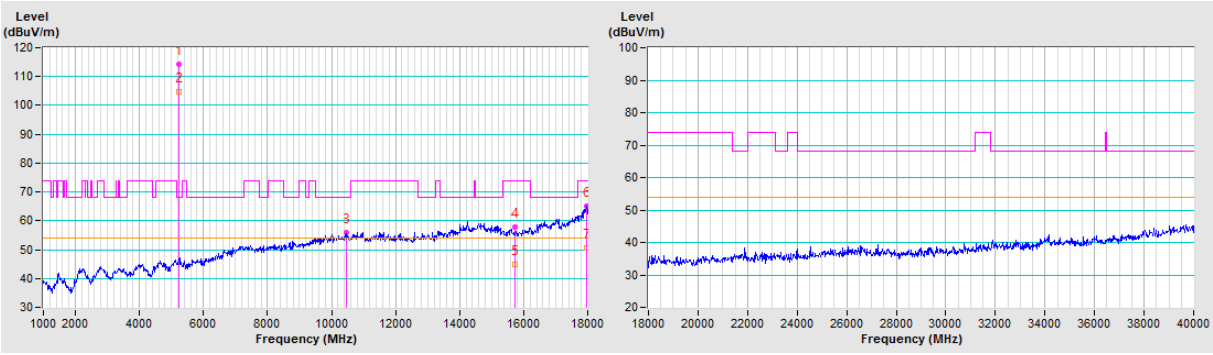


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	114.3 PK			1.24 H	342	112.1	2.2
2	*5240.00	104.6 AV			1.24 H	342	102.4	2.2
3	#10480.00	55.8 PK	68.2	-12.4	2.29 H	162	43.4	12.4
4	15720.00	57.7 PK	74.0	-16.3	1.97 H	215	45.7	12.0
5	15720.00	45.0 AV	54.0	-9.0	1.97 H	215	33.0	12.0
6	17964.72	65.2 PK	74.0	-8.8	1.13 H	246	43.9	21.3
7	17964.72	50.7 AV	54.0	-3.3	1.13 H	246	29.4	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

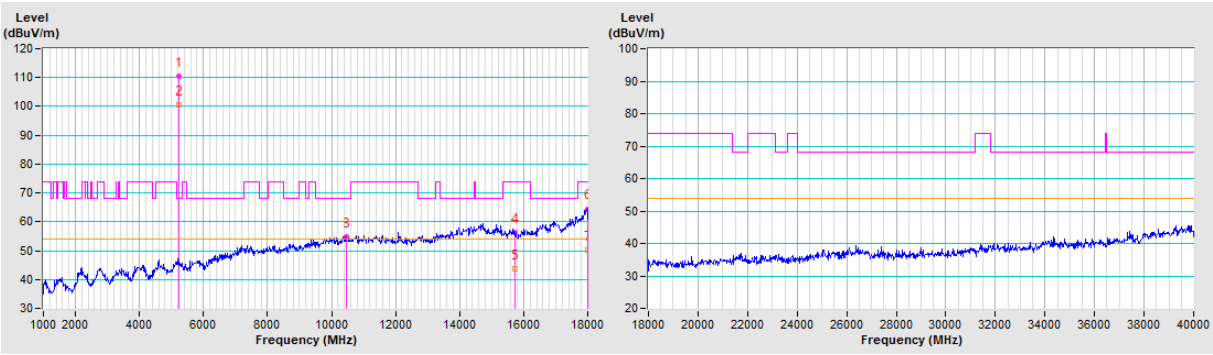


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.3 PK			3.46 V	306	108.1	2.2
2	*5240.00	100.5 AV			3.46 V	306	98.3	2.2
3	#10480.00	54.8 PK	68.2	-13.4	1.40 V	220	42.4	12.4
4	15720.00	56.4 PK	74.0	-17.6	1.85 V	150	44.4	12.0
5	15720.00	43.6 AV	54.0	-10.4	1.85 V	150	31.6	12.0
6	17993.20	64.5 PK	74.0	-9.5	1.44 V	214	42.7	21.8
7	17993.20	50.3 AV	54.0	-3.7	1.44 V	214	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

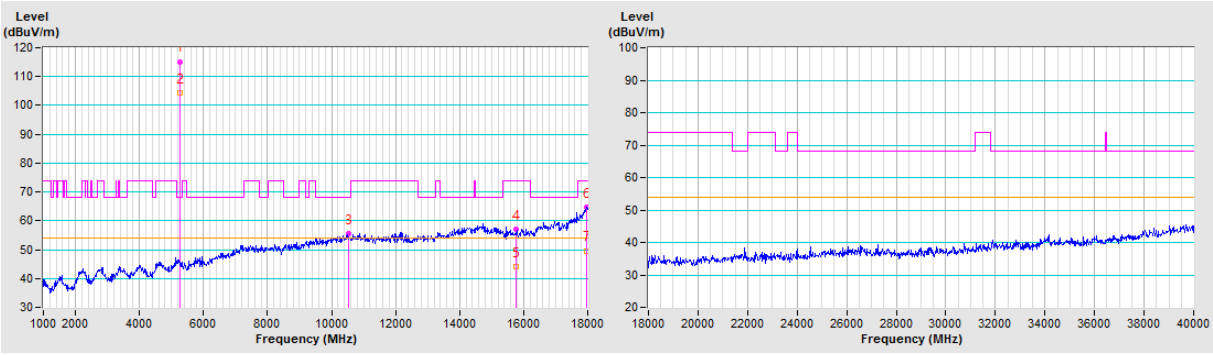


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.2 PK			1.22 H	348	113.1	2.1
2	*5260.00	104.2 AV			1.22 H	348	102.1	2.1
3	#10520.00	55.4 PK	68.2	-12.8	2.24 H	156	43.0	12.4
4	15780.00	57.1 PK	74.0	-16.9	1.98 H	207	45.6	11.5
5	15780.00	44.2 AV	54.0	-9.8	1.98 H	207	32.7	11.5
6	17951.55	64.6 PK	74.0	-9.4	1.23 H	247	43.6	21.0
7	17951.55	49.6 AV	54.0	-4.4	1.23 H	247	28.6	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

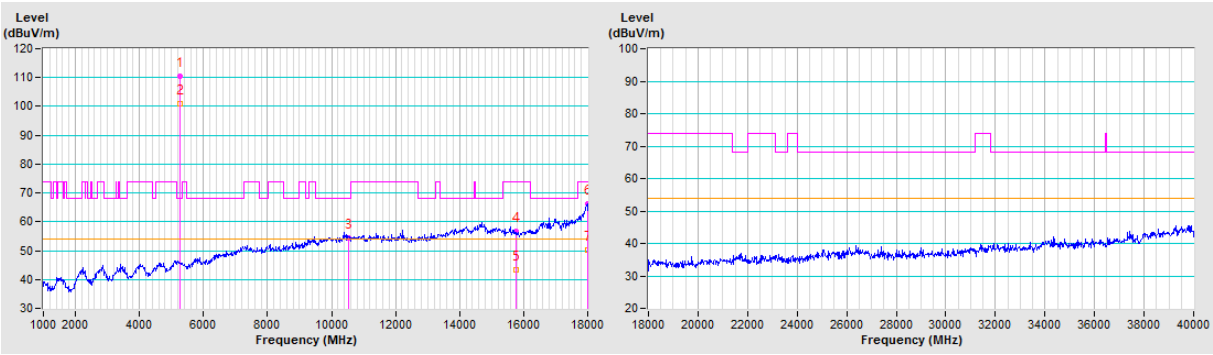


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.6 PK			3.43 V	306	108.5	2.1
2	*5260.00	100.9 AV			3.43 V	306	98.8	2.1
3	#10520.00	54.5 PK	68.2	-13.7	1.39 V	208	42.1	12.4
4	15780.00	56.8 PK	74.0	-17.2	1.93 V	137	45.3	11.5
5	15780.00	43.4 AV	54.0	-10.6	1.93 V	137	31.9	11.5
6	17983.00	66.3 PK	74.0	-7.7	1.42 V	250	44.7	21.6
7	17983.00	50.3 AV	54.0	-3.7	1.42 V	250	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

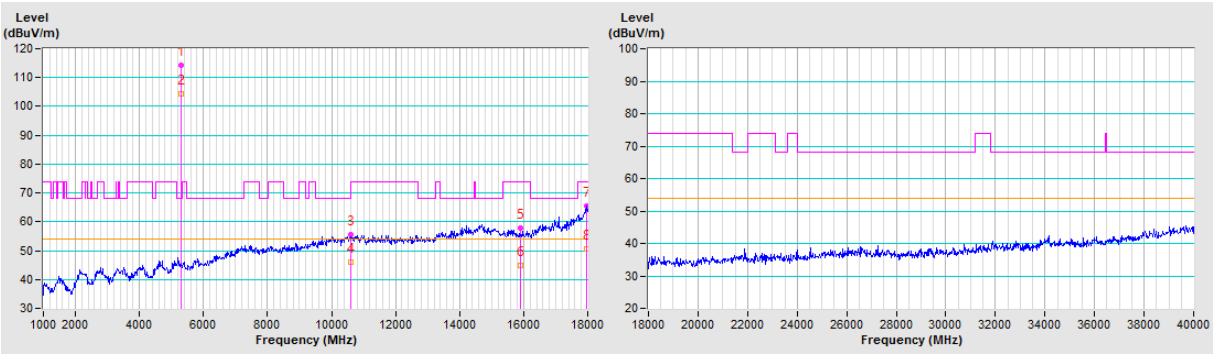


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	114.4 PK			1.02 H	341	112.2	2.2
2	*5300.00	104.4 AV			1.02 H	341	102.2	2.2
3	10600.00	55.5 PK	74.0	-18.5	2.21 H	162	43.8	11.7
4	10600.00	46.0 AV	54.0	-8.0	2.21 H	162	34.3	11.7
5	15900.00	57.7 PK	74.0	-16.3	1.90 H	217	46.5	11.2
6	15900.00	44.9 AV	54.0	-9.1	1.90 H	217	33.7	11.2
7	17965.58	65.4 PK	74.0	-8.6	1.13 H	241	44.1	21.3
8	17965.58	50.6 AV	54.0	-3.4	1.13 H	241	29.3	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

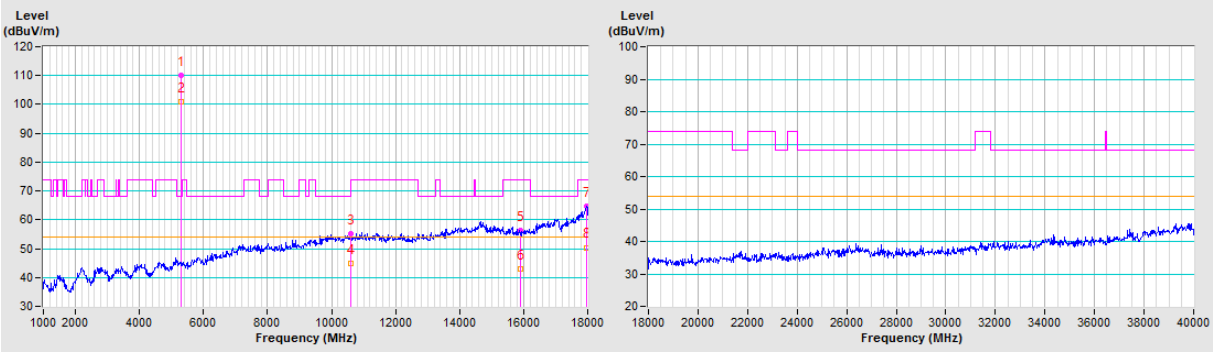


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.2 PK			3.39 V	275	108.0	2.2
2	*5300.00	100.8 AV			3.39 V	275	98.6	2.2
3	10600.00	55.1 PK	74.0	-18.9	1.34 V	233	43.4	11.7
4	10600.00	44.8 AV	54.0	-9.2	1.34 V	233	33.1	11.7
5	15900.00	56.4 PK	74.0	-17.6	1.90 V	161	45.2	11.2
6	15900.00	43.1 AV	54.0	-10.9	1.90 V	161	31.9	11.2
7	17963.45	64.7 PK	74.0	-9.3	1.57 V	298	43.4	21.3
8	17963.45	50.4 AV	54.0	-3.6	1.57 V	298	29.1	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

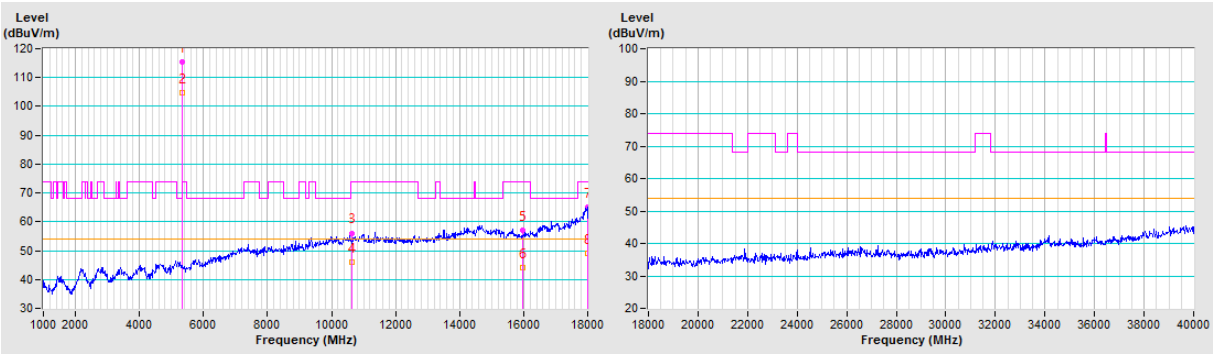


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	115.3 PK			1.02 H	345	113.0	2.3
2	*5320.00	104.8 AV			1.02 H	345	102.5	2.3
3	10640.00	56.1 PK	74.0	-17.9	2.22 H	134	44.4	11.7
4	10640.00	46.0 AV	54.0	-8.0	2.22 H	134	34.3	11.7
5	15960.00	57.2 PK	74.0	-16.8	1.95 H	214	45.8	11.4
6	15960.00	44.2 AV	54.0	-9.8	1.95 H	214	32.8	11.4
7	17985.55	65.1 PK	74.0	-8.9	1.08 H	302	43.5	21.6
8	17985.55	48.9 AV	54.0	-5.1	1.08 H	302	27.3	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

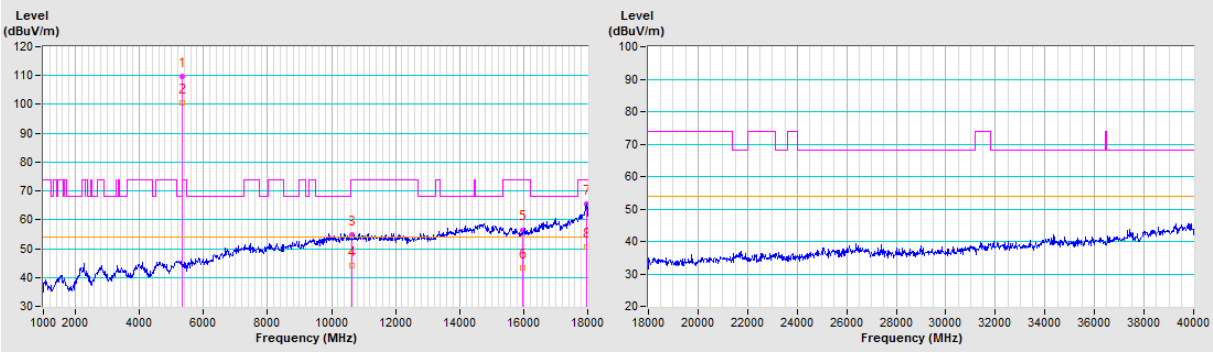


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.8 PK			3.29 V	272	107.5	2.3
2	*5320.00	100.5 AV			3.29 V	272	98.2	2.3
3	10640.00	54.6 PK	74.0	-19.4	1.36 V	208	42.9	11.7
4	10640.00	44.2 AV	54.0	-9.8	1.36 V	208	32.5	11.7
5	15960.00	56.5 PK	74.0	-17.5	1.86 V	151	45.1	11.4
6	15960.00	43.3 AV	54.0	-10.7	1.86 V	151	31.9	11.4
7	17973.65	65.6 PK	74.0	-8.4	1.44 V	155	44.1	21.5
8	17973.65	50.6 AV	54.0	-3.4	1.44 V	155	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

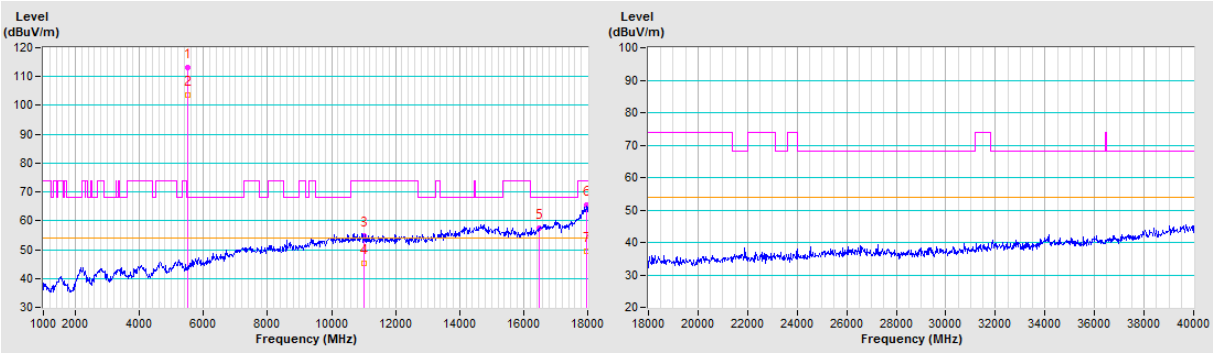


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	113.2 PK			1.06 H	350	110.7	2.5
2	*5500.00	103.5 AV			1.06 H	350	101.0	2.5
3	11000.00	54.9 PK	74.0	-19.1	2.20 H	155	42.7	12.2
4	11000.00	45.3 AV	54.0	-8.7	2.20 H	155	33.1	12.2
5	#16500.00	57.4 PK	68.2	-10.8	1.92 H	203	43.7	13.7
6	17955.80	65.3 PK	74.0	-8.7	1.16 H	138	44.1	21.2
7	17955.80	49.3 AV	54.0	-4.7	1.16 H	138	28.1	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

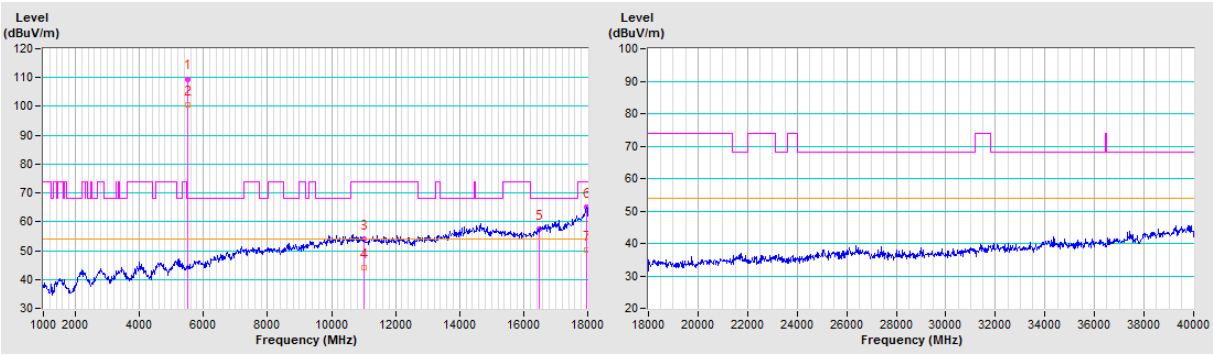


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.5 PK			2.96 V	287	107.0	2.5
2	*5500.00	100.4 AV			2.96 V	287	97.9	2.5
3	11000.00	53.9 PK	74.0	-20.1	1.35 V	215	41.7	12.2
4	11000.00	44.0 AV	54.0	-10.0	1.35 V	215	31.8	12.2
5	#16500.00	57.6 PK	68.2	-10.6	1.87 V	133	43.9	13.7
6	17981.72	65.2 PK	74.0	-8.8	1.35 V	214	43.6	21.6
7	17981.72	50.2 AV	54.0	-3.8	1.35 V	214	28.6	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

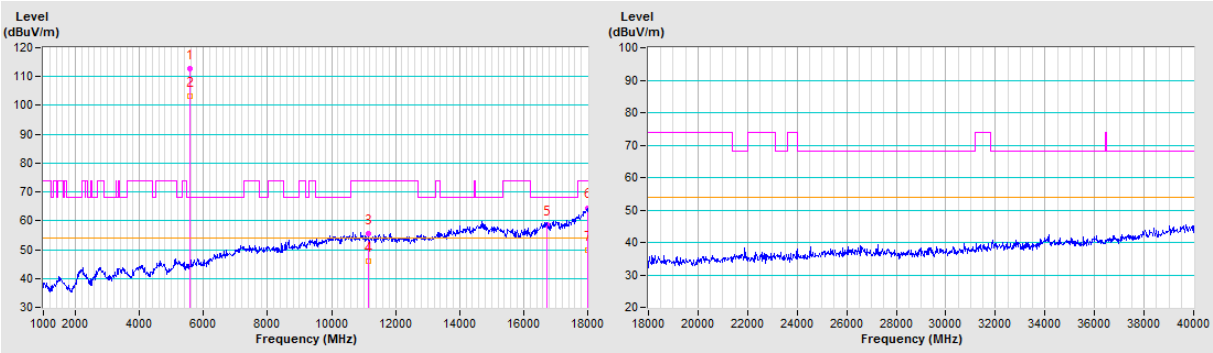


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.8 PK			1.02 H	360	110.0	2.8
2	*5580.00	103.2 AV			1.02 H	360	100.4	2.8
3	11160.00	55.5 PK	74.0	-18.5	2.20 H	134	43.5	12.0
4	11160.00	45.9 AV	54.0	-8.1	2.20 H	134	33.9	12.0
5	#16740.00	58.6 PK	68.2	-9.6	1.99 H	195	44.4	14.2
6	17992.78	64.5 PK	74.0	-9.5	1.17 H	198	42.7	21.8
7	17992.78	49.8 AV	54.0	-4.2	1.17 H	198	28.0	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

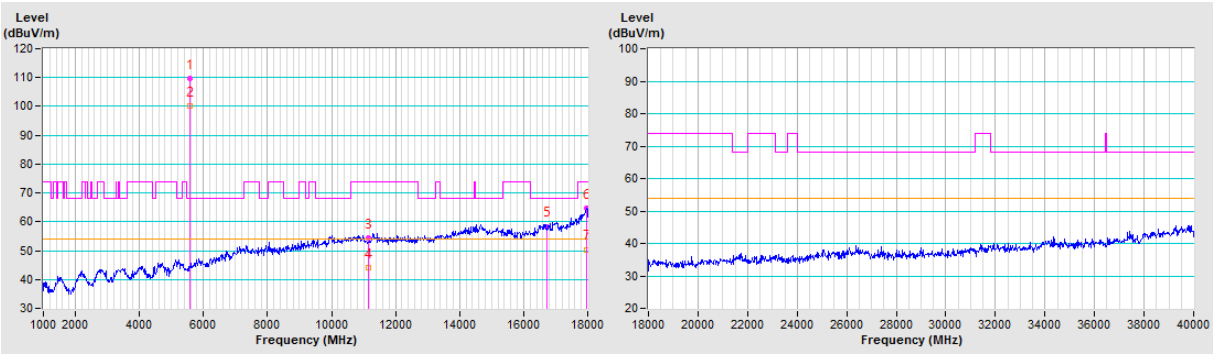


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.8 PK			2.92 V	289	107.0	2.8
2	*5580.00	100.2 AV			2.92 V	289	97.4	2.8
3	11160.00	54.3 PK	74.0	-19.7	1.41 V	216	42.3	12.0
4	11160.00	44.1 AV	54.0	-9.9	1.41 V	216	32.1	12.0
5	#16740.00	58.4 PK	68.2	-9.8	1.92 V	159	44.2	14.2
6	17958.78	64.8 PK	74.0	-9.2	1.30 V	190	43.6	21.2
7	17958.78	50.4 AV	54.0	-3.6	1.30 V	190	29.2	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

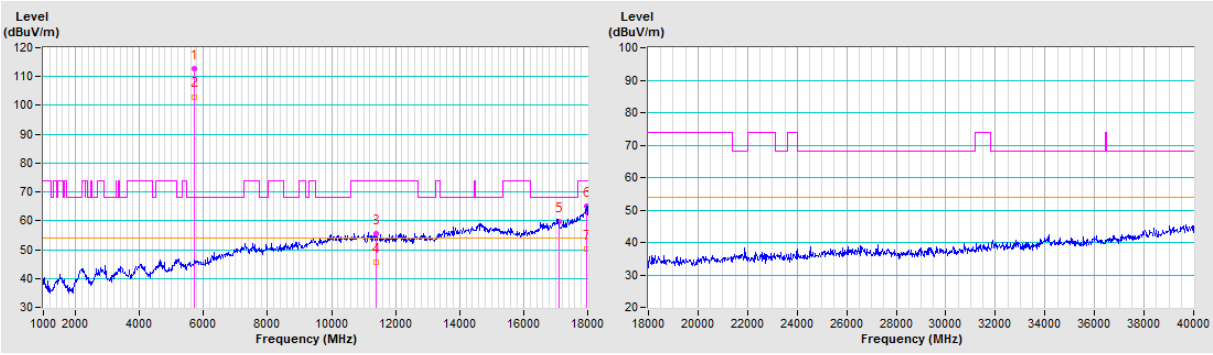


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.9 PK			1.06 H	350	110.0	2.9
2	*5700.00	103.0 AV			1.06 H	350	100.1	2.9
3	11400.00	55.5 PK	74.0	-18.5	2.19 H	164	42.5	13.0
4	11400.00	45.6 AV	54.0	-8.4	2.19 H	164	32.6	13.0
5	#17100.00	59.6 PK	68.2	-8.6	2.01 H	210	43.5	16.1
6	17967.28	65.2 PK	74.0	-8.8	1.15 H	292	43.8	21.4
7	17967.28	50.3 AV	54.0	-3.7	1.15 H	292	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

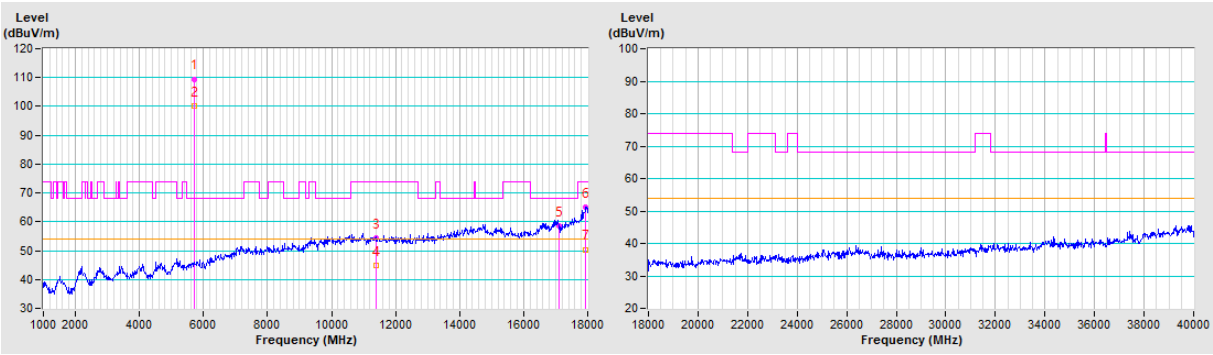


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.5 PK			2.89 V	281	106.6	2.9
2	*5700.00	100.0 AV			2.89 V	281	97.1	2.9
3	11400.00	54.5 PK	74.0	-19.5	1.38 V	217	41.5	13.0
4	11400.00	44.7 AV	54.0	-9.3	1.38 V	217	31.7	13.0
5	#17100.00	58.7 PK	68.2	-9.5	1.90 V	157	42.6	16.1
6	17944.75	65.1 PK	74.0	-8.9	1.35 V	169	44.1	21.0
7	17944.75	50.4 AV	54.0	-3.6	1.35 V	169	29.4	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

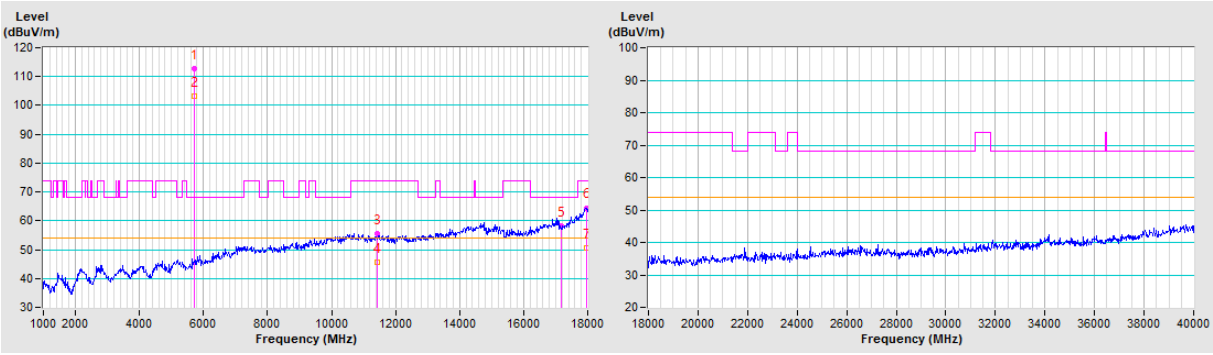


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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			1.01 H	355	110.0	2.9
2	*5720.00	103.3 AV			1.01 H	355	100.4	2.9
3	11440.00	55.6 PK	74.0	-18.4	2.21 H	147	42.9	12.7
4	11440.00	45.7 AV	54.0	-8.3	2.21 H	147	33.0	12.7
5	#17160.00	58.3 PK	68.2	-9.9	1.90 H	193	42.7	15.6
6	17969.40	64.5 PK	74.0	-9.5	1.15 H	254	43.1	21.4
7	17969.40	50.5 AV	54.0	-3.5	1.15 H	254	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

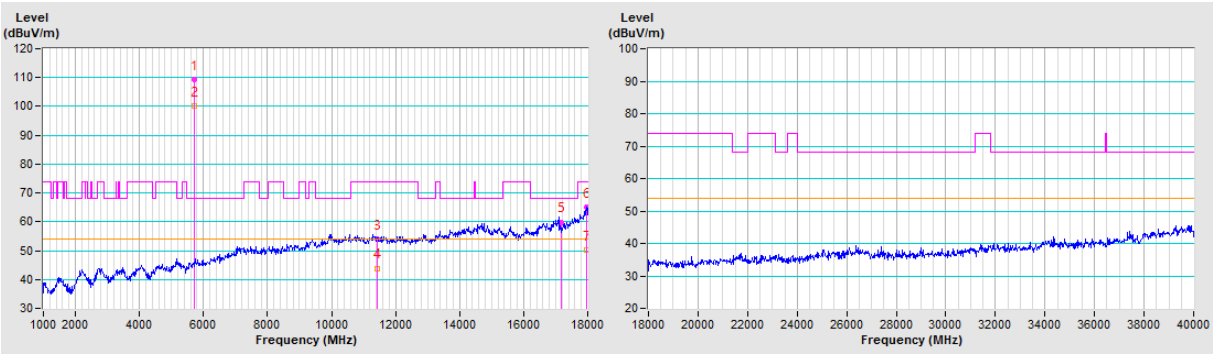


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	109.3 PK			3.44 V	315	106.4	2.9
2	*5720.00	100.2 AV			3.44 V	315	97.3	2.9
3	11440.00	53.9 PK	74.0	-20.1	1.29 V	220	41.2	12.7
4	11440.00	43.9 AV	54.0	-10.1	1.29 V	220	31.2	12.7
5	#17160.00	59.9 PK	68.2	-8.3	1.94 V	138	44.3	15.6
6	17980.03	65.2 PK	74.0	-8.8	1.43 V	354	43.7	21.5
7	17980.03	50.2 AV	54.0	-3.8	1.43 V	354	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

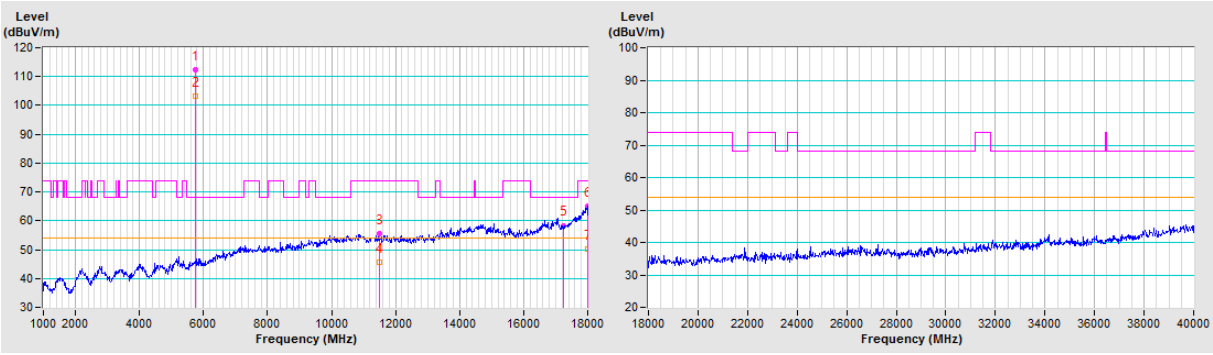


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.4 PK			1.27 H	186	109.5	2.9
2	*5745.00	103.2 AV			1.27 H	186	100.3	2.9
3	11490.00	55.5 PK	74.0	-18.5	2.28 H	152	43.2	12.3
4	11490.00	45.7 AV	54.0	-8.3	2.28 H	152	33.4	12.3
5	#17235.00	58.4 PK	68.2	-9.8	1.97 H	215	43.1	15.3
6	17999.15	65.2 PK	74.0	-8.8	1.09 H	246	43.3	21.9
7	17999.15	50.3 AV	54.0	-3.7	1.09 H	246	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

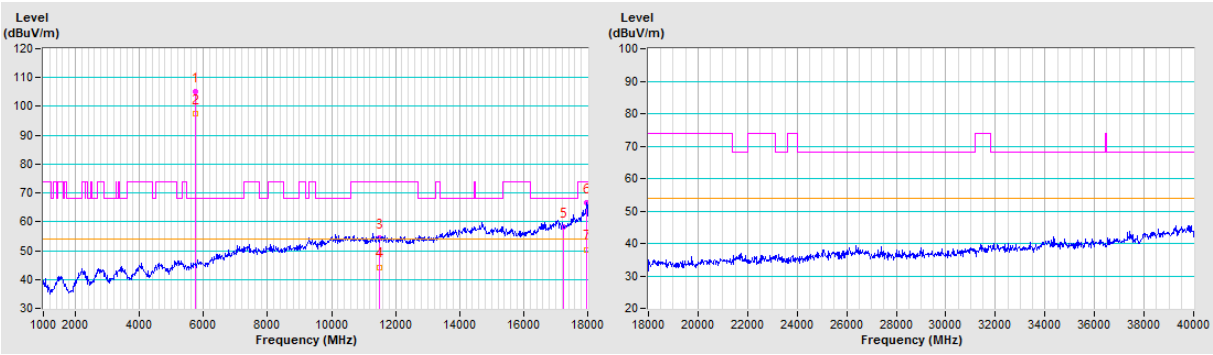


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.2 PK			2.66 V	327	102.3	2.9
2	*5745.00	97.5 AV			2.66 V	327	94.6	2.9
3	11490.00	54.5 PK	74.0	-19.5	1.41 V	213	42.2	12.3
4	11490.00	44.3 AV	54.0	-9.7	1.41 V	213	32.0	12.3
5	#17235.00	58.3 PK	68.2	-9.9	1.94 V	152	43.0	15.3
6	17975.35	66.5 PK	74.0	-7.5	1.47 V	214	45.0	21.5
7	17975.35	50.4 AV	54.0	-3.6	1.47 V	214	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

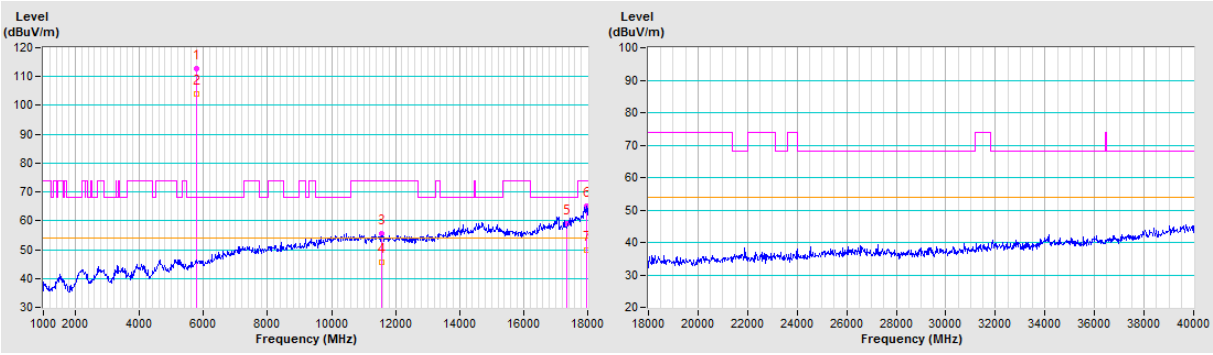


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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			1.30 H	184	109.5	3.1
2	*5785.00	104.1 AV			1.30 H	184	101.0	3.1
3	11570.00	55.6 PK	74.0	-18.4	2.22 H	152	43.2	12.4
4	11570.00	45.7 AV	54.0	-8.3	2.22 H	152	33.3	12.4
5	#17355.00	58.9 PK	68.2	-9.3	1.98 H	203	42.9	16.0
6	17961.33	64.9 PK	74.0	-9.1	1.09 H	254	43.6	21.3
7	17961.33	49.8 AV	54.0	-4.2	1.09 H	254	28.5	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

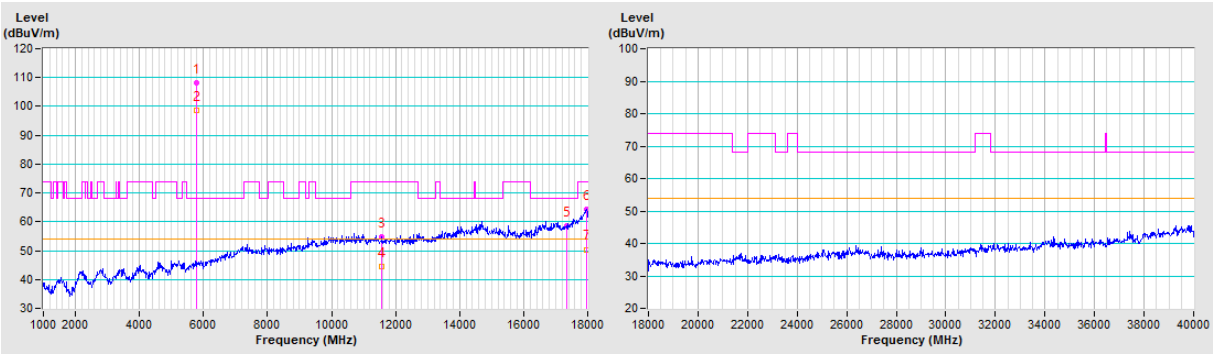


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	108.3 PK			2.75 V	337	105.2	3.1
2	*5785.00	98.6 AV			2.75 V	337	95.5	3.1
3	11570.00	54.7 PK	74.0	-19.3	1.40 V	210	42.3	12.4
4	11570.00	44.4 AV	54.0	-9.6	1.40 V	210	32.0	12.4
5	#17355.00	58.5 PK	68.2	-9.7	1.86 V	156	42.5	16.0
6	17981.72	64.2 PK	74.0	-9.8	1.34 V	141	42.6	21.6
7	17981.72	50.4 AV	54.0	-3.6	1.34 V	141	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

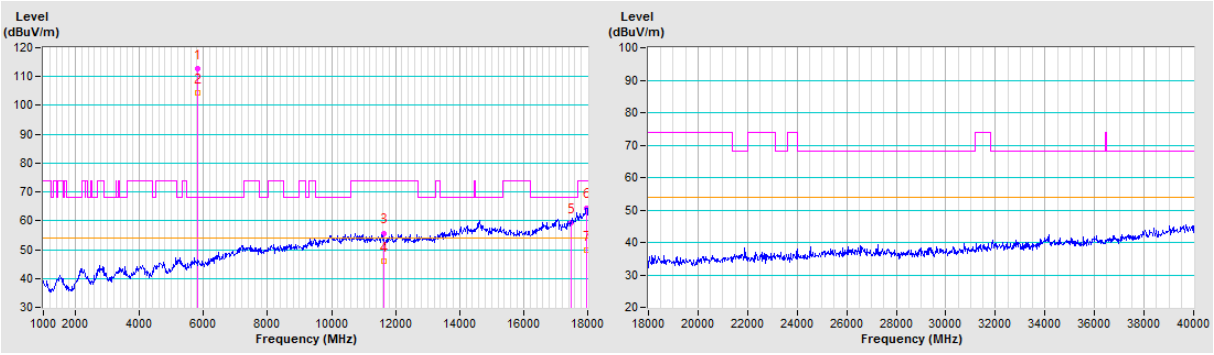


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	112.7 PK			1.29 H	184	109.5	3.2
2	*5825.00	104.3 AV			1.29 H	184	101.1	3.2
3	11650.00	55.7 PK	74.0	-18.3	2.25 H	150	43.3	12.4
4	11650.00	45.9 AV	54.0	-8.1	2.25 H	150	33.5	12.4
5	#17475.00	59.3 PK	68.2	-8.9	1.92 H	205	41.9	17.4
6	17972.80	64.5 PK	74.0	-9.5	1.13 H	216	43.1	21.4
7	17972.80	49.8 AV	54.0	-4.2	1.13 H	216	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

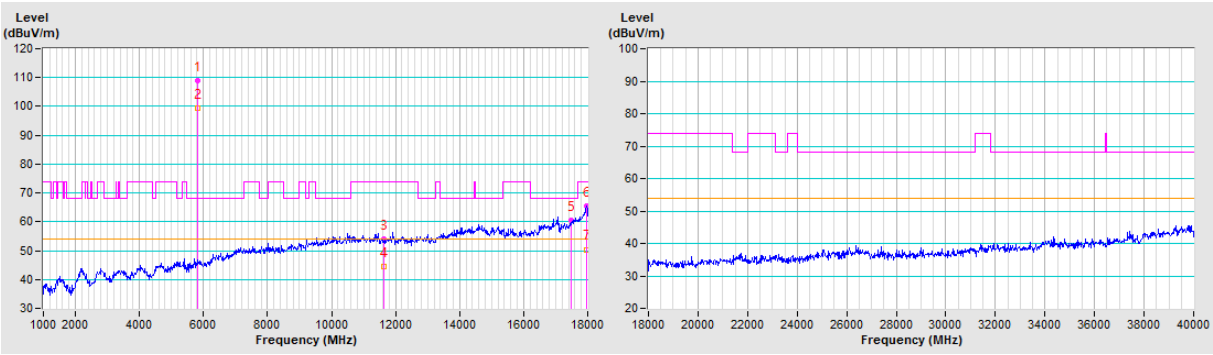


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	108.8 PK			2.82 V	305	105.6	3.2
2	*5825.00	99.4 AV			2.82 V	305	96.2	3.2
3	11650.00	54.0 PK	74.0	-20.0	1.30 V	232	41.6	12.4
4	11650.00	44.4 AV	54.0	-9.6	1.30 V	232	32.0	12.4
5	#17475.00	60.6 PK	68.2	-7.6	1.88 V	159	43.2	17.4
6	17954.53	65.4 PK	74.0	-8.6	1.35 V	351	44.3	21.1
7	17954.53	50.4 AV	54.0	-3.6	1.35 V	351	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



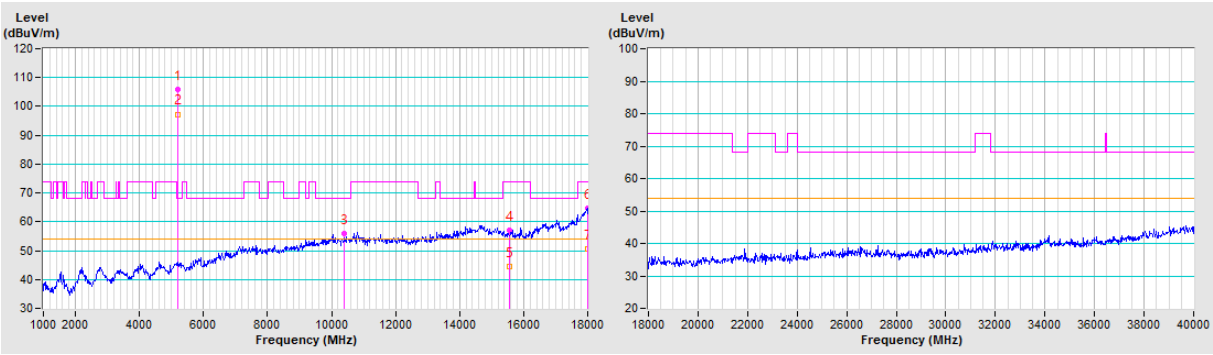
802.11ac (VHT40)

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	105.8 PK			1.51 H	344	103.3	2.5
2	*5190.00	97.3 AV			1.51 H	344	94.8	2.5
3	#10380.00	55.9 PK	68.2	-12.3	2.19 H	159	43.9	12.0
4	15570.00	57.0 PK	74.0	-17.0	1.95 H	193	44.4	12.6
5	15570.00	44.5 AV	54.0	-9.5	1.95 H	193	31.9	12.6
6	17993.62	64.8 PK	74.0	-9.2	1.16 H	249	43.0	21.8
7	17993.62	50.7 AV	54.0	-3.3	1.16 H	249	28.9	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

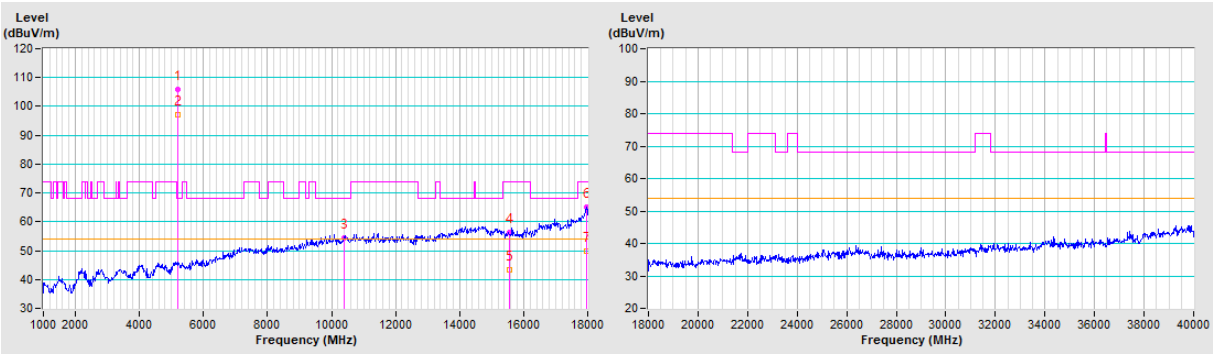


CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.9 PK			3.43 V	165	103.4	2.5
2	*5190.00	97.1 AV			3.43 V	165	94.6	2.5
3	#10380.00	54.5 PK	68.2	-13.7	1.31 V	228	42.5	12.0
4	15570.00	56.3 PK	74.0	-17.7	1.94 V	152	43.7	12.6
5	15570.00	43.3 AV	54.0	-10.7	1.94 V	152	30.7	12.6
6	17963.87	65.1 PK	74.0	-8.9	1.54 V	277	43.8	21.3
7	17963.87	49.8 AV	54.0	-4.2	1.54 V	277	28.5	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

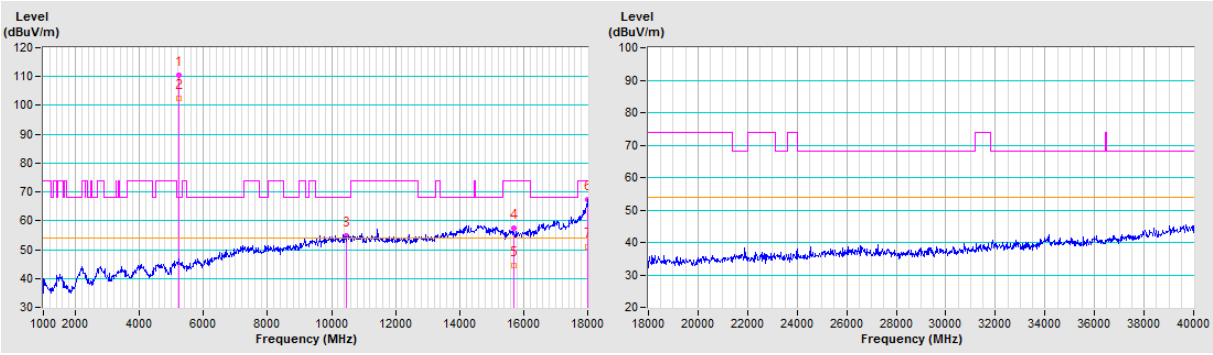


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.6 PK			1.22 H	341	108.4	2.2
2	*5230.00	102.5 AV			1.22 H	341	100.3	2.2
3	#10460.00	54.8 PK	68.2	-13.4	2.29 H	152	42.4	12.4
4	15690.00	57.5 PK	74.0	-16.5	1.94 H	211	45.3	12.2
5	15690.00	44.5 AV	54.0	-9.5	1.94 H	211	32.3	12.2
6	17995.75	67.3 PK	74.0	-6.7	1.15 H	255	45.4	21.9
7	17995.75	50.9 AV	54.0	-3.1	1.15 H	255	29.0	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

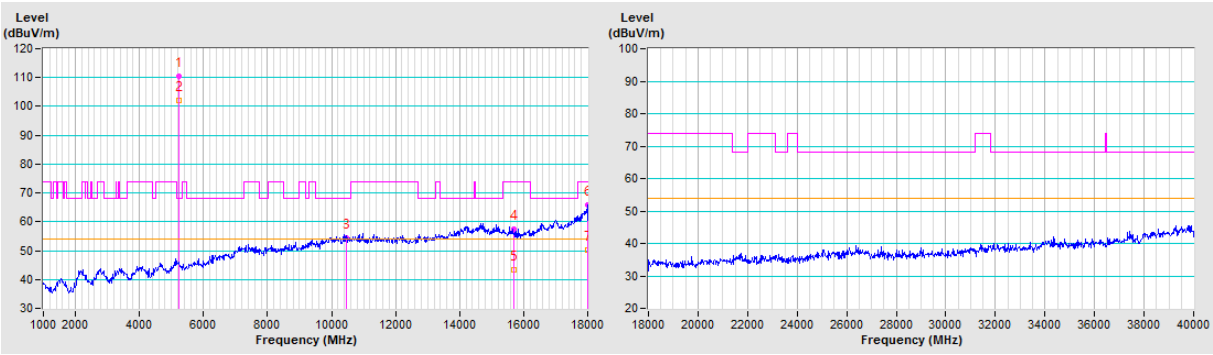


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.6 PK			3.37 V	162	108.4	2.2
2	*5230.00	102.1 AV			3.37 V	162	99.9	2.2
3	#10460.00	54.4 PK	68.2	-13.8	1.40 V	205	42.0	12.4
4	15690.00	57.6 PK	74.0	-16.4	1.93 V	159	45.4	12.2
5	15690.00	43.2 AV	54.0	-10.8	1.93 V	159	31.0	12.2
6	17997.45	65.9 PK	74.0	-8.1	1.40 V	138	44.0	21.9
7	17997.45	50.2 AV	54.0	-3.8	1.40 V	138	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

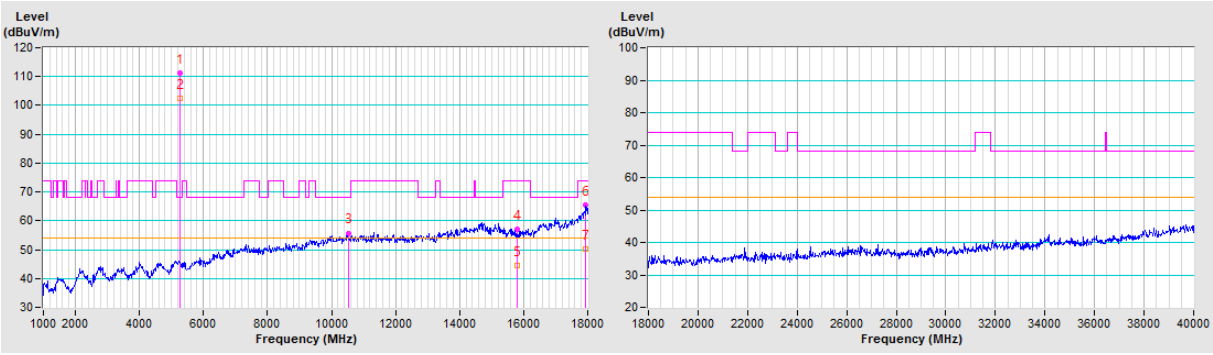


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	111.1 PK			1.22 H	346	109.0	2.1
2	*5270.00	102.6 AV			1.22 H	346	100.5	2.1
3	#10540.00	55.7 PK	68.2	-12.5	2.18 H	143	43.5	12.2
4	15810.00	57.1 PK	74.0	-16.9	1.93 H	209	45.8	11.3
5	15810.00	44.6 AV	54.0	-9.4	1.93 H	209	33.3	11.3
6	17937.10	65.3 PK	74.0	-8.7	1.01 H	169	44.6	20.7
7	17937.10	50.3 AV	54.0	-3.7	1.01 H	169	29.6	20.7

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

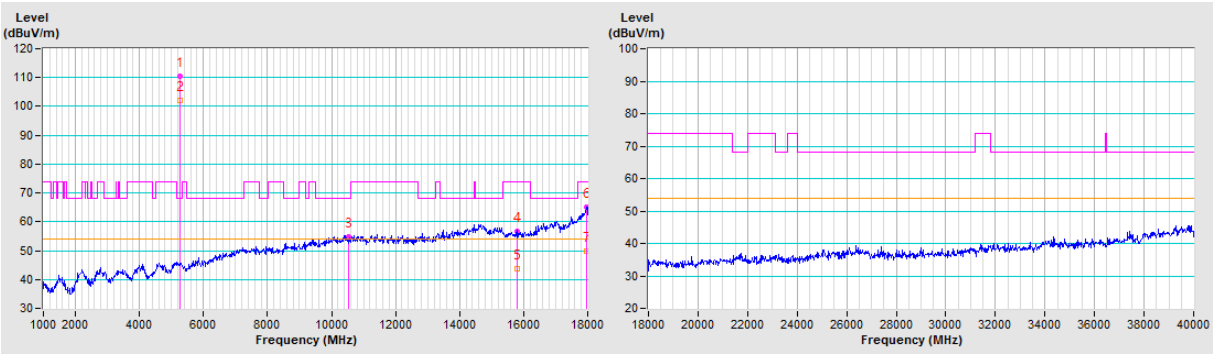


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.3 PK			3.40 V	166	108.2	2.1
2	*5270.00	102.0 AV			3.40 V	166	99.9	2.1
3	#10540.00	54.7 PK	68.2	-13.5	1.32 V	230	42.5	12.2
4	15810.00	56.8 PK	74.0	-17.2	1.91 V	148	45.5	11.3
5	15810.00	43.8 AV	54.0	-10.2	1.91 V	148	32.5	11.3
6	17966.42	65.2 PK	74.0	-8.8	1.51 V	111	43.8	21.4
7	17966.42	49.8 AV	54.0	-4.2	1.51 V	111	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

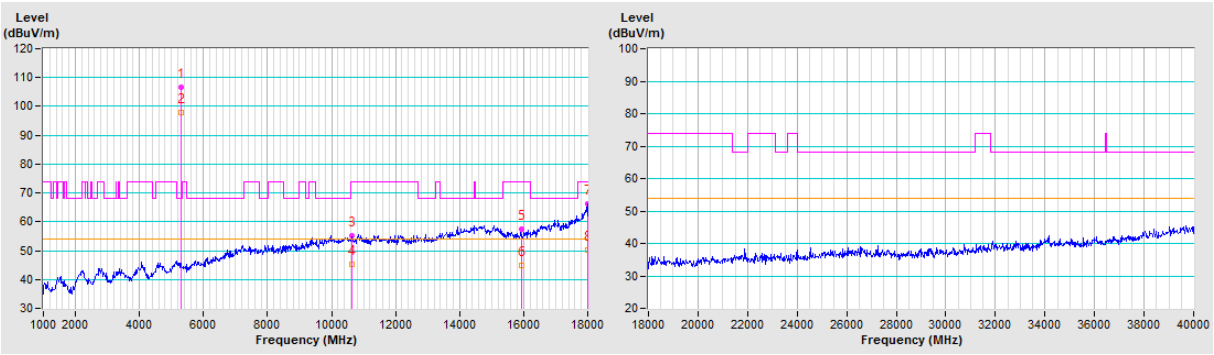


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	106.5 PK			1.16 H	340	104.3	2.2
2	*5310.00	97.8 AV			1.16 H	340	95.6	2.2
3	10620.00	55.0 PK	74.0	-19.0	2.27 H	144	43.3	11.7
4	10620.00	45.2 AV	54.0	-8.8	2.27 H	144	33.5	11.7
5	15930.00	57.5 PK	74.0	-16.5	1.89 H	191	46.3	11.2
6	15930.00	44.9 AV	54.0	-9.1	1.89 H	191	33.7	11.2
7	17996.60	66.2 PK	74.0	-7.8	1.30 H	95	44.3	21.9
8	17996.60	50.3 AV	54.0	-3.7	1.30 H	95	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

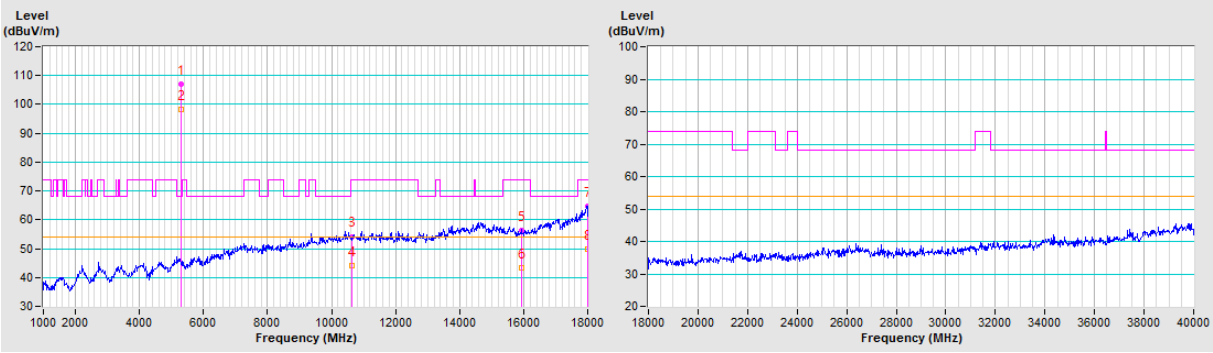


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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			3.37 V	161	104.7	2.2
2	*5310.00	98.1 AV			3.37 V	161	95.9	2.2
3	10620.00	54.2 PK	74.0	-19.8	1.35 V	202	42.5	11.7
4	10620.00	44.2 AV	54.0	-9.8	1.35 V	202	32.5	11.7
5	15930.00	56.4 PK	74.0	-17.6	1.93 V	154	45.2	11.2
6	15930.00	43.4 AV	54.0	-10.6	1.93 V	154	32.2	11.2
7	17991.92	64.6 PK	74.0	-9.4	1.55 V	143	42.8	21.8
8	17991.92	49.7 AV	54.0	-4.3	1.55 V	143	27.9	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

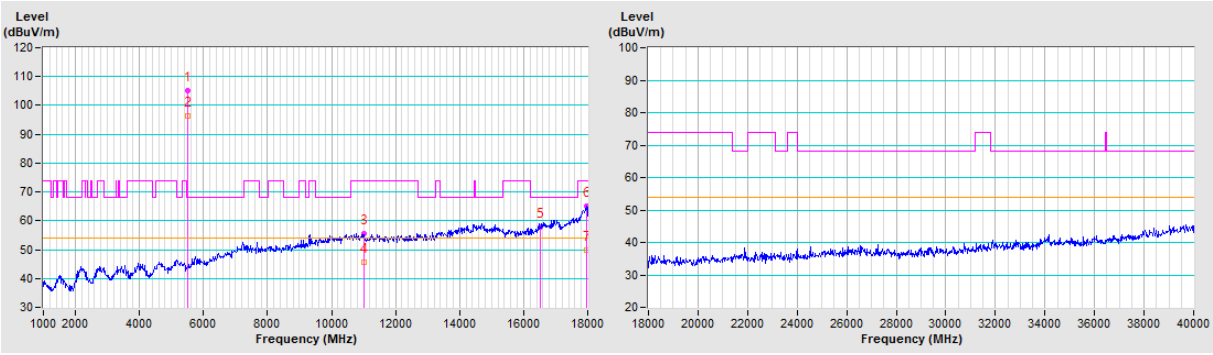


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.2 PK			1.06 H	351	102.7	2.5
2	*5510.00	96.5 AV			1.06 H	351	94.0	2.5
3	11020.00	55.4 PK	74.0	-18.6	2.26 H	144	43.1	12.3
4	11020.00	45.5 AV	54.0	-8.5	2.26 H	144	33.2	12.3
5	#16530.00	57.9 PK	68.2	-10.3	1.97 H	213	44.0	13.9
6	17974.08	64.9 PK	74.0	-9.1	1.01 H	217	43.4	21.5
7	17974.08	49.9 AV	54.0	-4.1	1.01 H	217	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

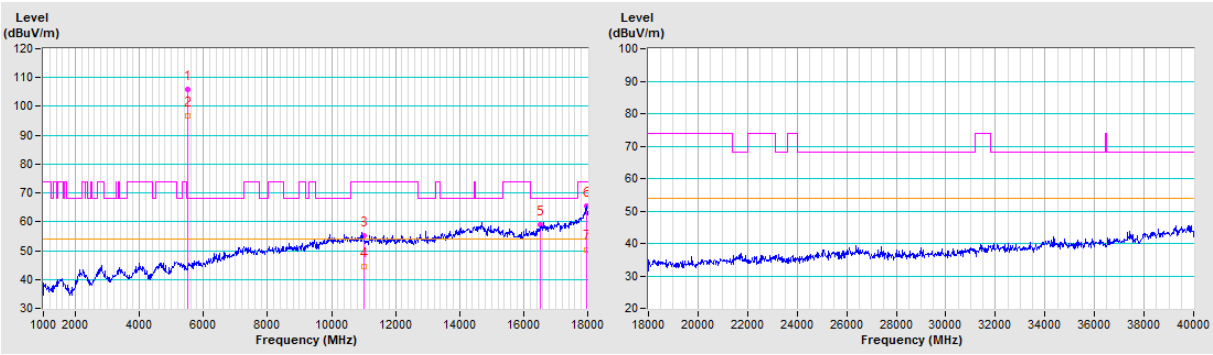


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.7 PK			2.94 V	166	103.2	2.5
2	*5510.00	96.7 AV			2.94 V	166	94.2	2.5
3	11020.00	55.3 PK	74.0	-18.7	1.29 V	221	43.0	12.3
4	11020.00	44.5 AV	54.0	-9.5	1.29 V	221	32.2	12.3
5	#16530.00	59.1 PK	68.2	-9.1	1.94 V	144	45.2	13.9
6	17959.62	65.4 PK	74.0	-8.6	1.33 V	317	44.1	21.3
7	17959.62	50.4 AV	54.0	-3.6	1.33 V	317	29.1	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

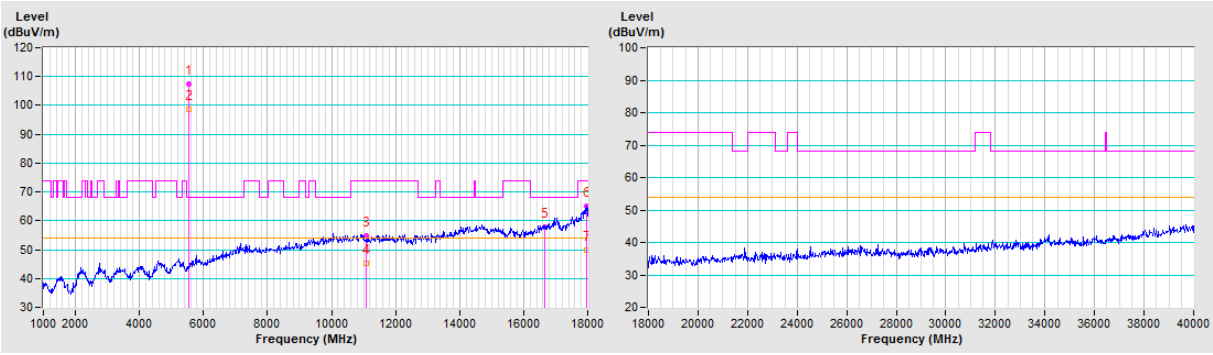


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.5 PK			1.06 H	351	104.8	2.7
2	*5550.00	98.6 AV			1.06 H	351	95.9	2.7
3	11100.00	54.9 PK	74.0	-19.1	2.27 H	156	42.8	12.1
4	11100.00	45.3 AV	54.0	-8.7	2.27 H	156	33.2	12.1
5	#16650.00	57.8 PK	68.2	-10.4	1.92 H	185	43.6	14.2
6	17973.65	65.1 PK	74.0	-8.9	1.13 H	245	43.6	21.5
7	17973.65	49.8 AV	54.0	-4.2	1.13 H	245	28.3	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

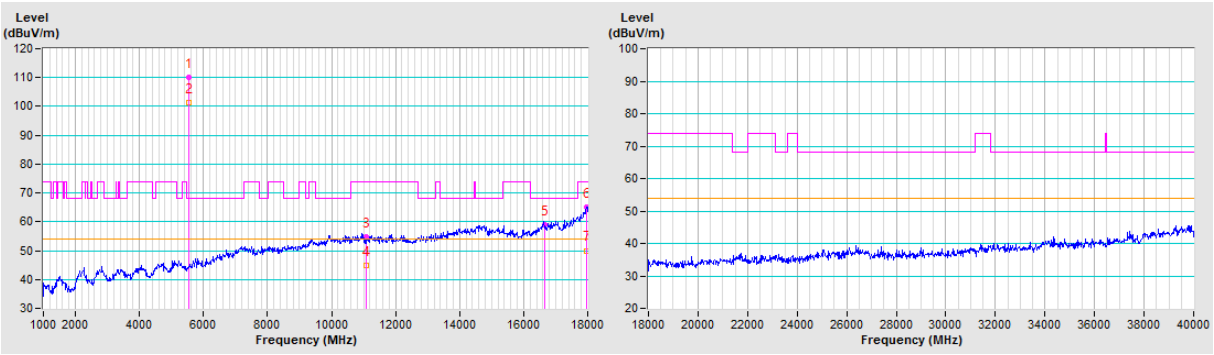


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: 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	110.1 PK			2.95 V	165	107.4	2.7
2	*5550.00	101.3 AV			2.95 V	165	98.6	2.7
3	11100.00	54.9 PK	74.0	-19.1	1.31 V	208	42.8	12.1
4	11100.00	44.7 AV	54.0	-9.3	1.31 V	208	32.6	12.1
5	#16650.00	59.0 PK	68.2	-9.2	1.93 V	147	44.8	14.2
6	17960.05	65.0 PK	74.0	-9.0	1.31 V	197	43.7	21.3
7	17960.05	50.0 AV	54.0	-4.0	1.31 V	197	28.7	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

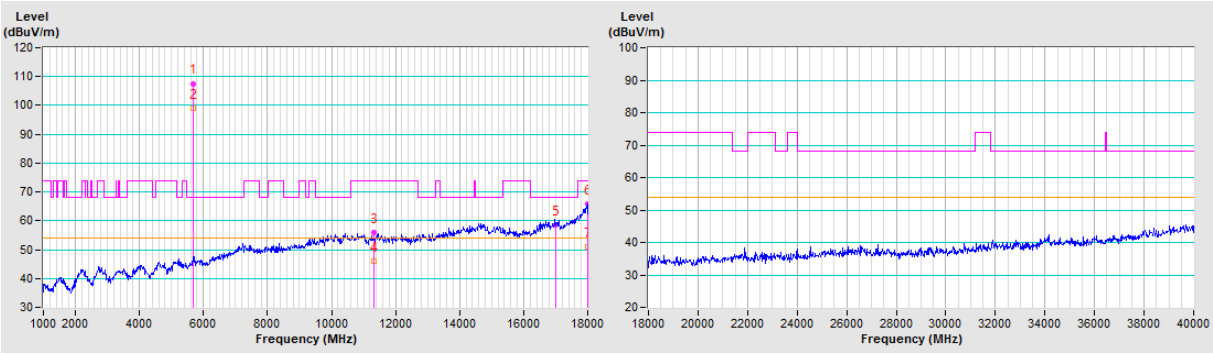


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.6 PK			1.03 H	360	104.7	2.9
2	*5670.00	98.9 AV			1.03 H	360	96.0	2.9
3	11340.00	55.9 PK	74.0	-18.1	2.28 H	151	43.0	12.9
4	11340.00	46.1 AV	54.0	-7.9	2.28 H	151	33.2	12.9
5	#17010.00	58.7 PK	68.2	-9.5	1.97 H	203	42.9	15.8
6	17986.83	65.9 PK	74.0	-8.1	1.13 H	247	44.3	21.6
7	17986.83	50.9 AV	54.0	-3.1	1.13 H	247	29.3	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

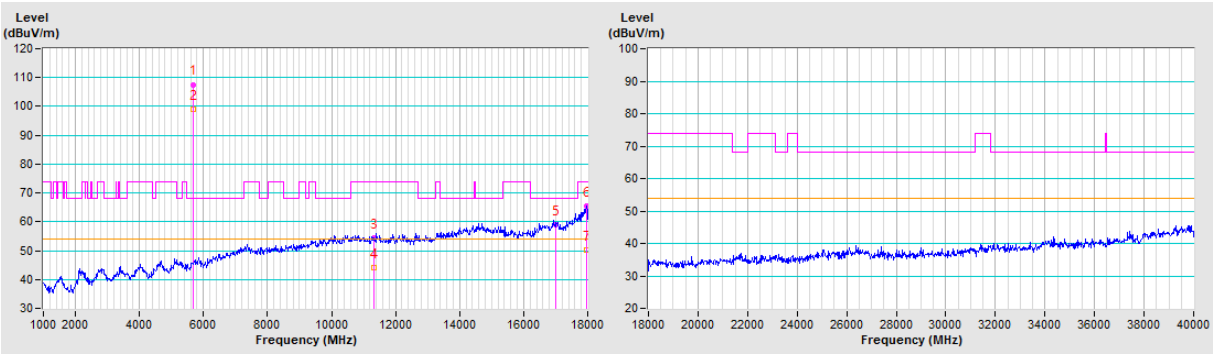


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.6 PK			2.91 V	165	104.7	2.9
2	*5670.00	99.0 AV			2.91 V	165	96.1	2.9
3	11340.00	54.3 PK	74.0	-19.7	1.38 V	217	41.4	12.9
4	11340.00	44.2 AV	54.0	-9.8	1.38 V	217	31.3	12.9
5	#17010.00	58.9 PK	68.2	-9.3	1.93 V	139	43.1	15.8
6	17965.15	65.4 PK	74.0	-8.6	1.49 V	98	44.1	21.3
7	17965.15	50.1 AV	54.0	-3.9	1.49 V	98	28.8	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

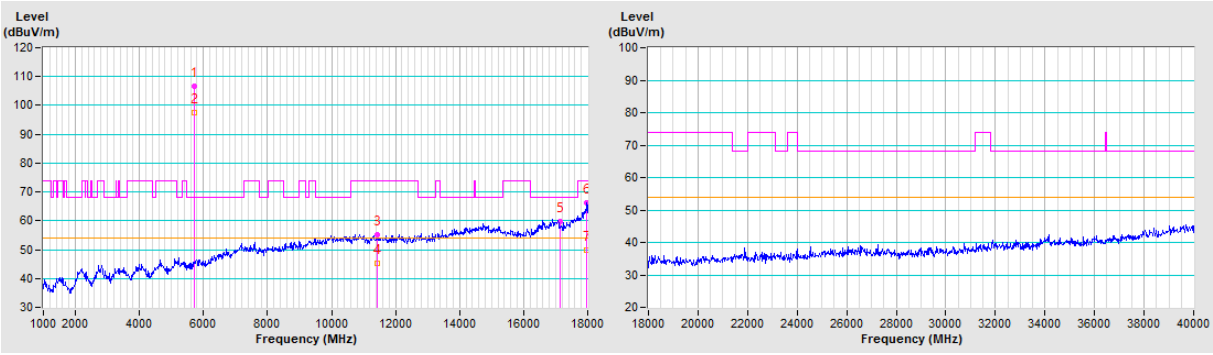


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	106.5 PK			1.21 H	341	103.5	3.0
2	*5710.00	97.5 AV			1.21 H	341	94.5	3.0
3	11420.00	55.2 PK	74.0	-18.8	2.25 H	138	42.3	12.9
4	11420.00	45.2 AV	54.0	-8.8	2.25 H	138	32.3	12.9
5	#17130.00	59.6 PK	68.2	-8.6	1.98 H	216	43.8	15.8
6	17977.05	66.3 PK	74.0	-7.7	1.27 H	254	44.8	21.5
7	17977.05	49.9 AV	54.0	-4.1	1.27 H	254	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

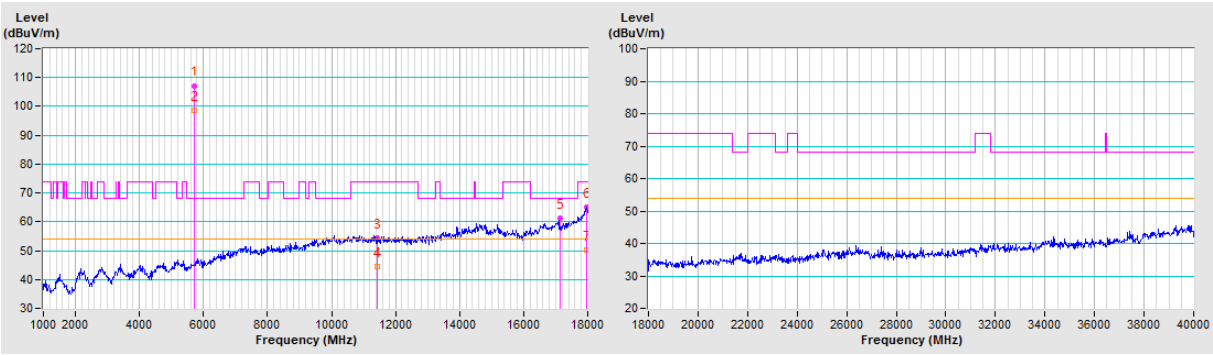


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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			2.79 V	156	104.2	3.0
2	*5710.00	98.6 AV			2.79 V	156	95.6	3.0
3	11420.00	54.3 PK	74.0	-19.7	1.31 V	203	41.4	12.9
4	11420.00	44.4 AV	54.0	-9.6	1.31 V	203	31.5	12.9
5	#17130.00	61.3 PK	68.2	-6.9	1.84 V	143	45.5	15.8
6	17954.95	65.2 PK	74.0	-8.8	1.43 V	327	44.1	21.1
7	17954.95	50.2 AV	54.0	-3.8	1.43 V	327	29.1	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

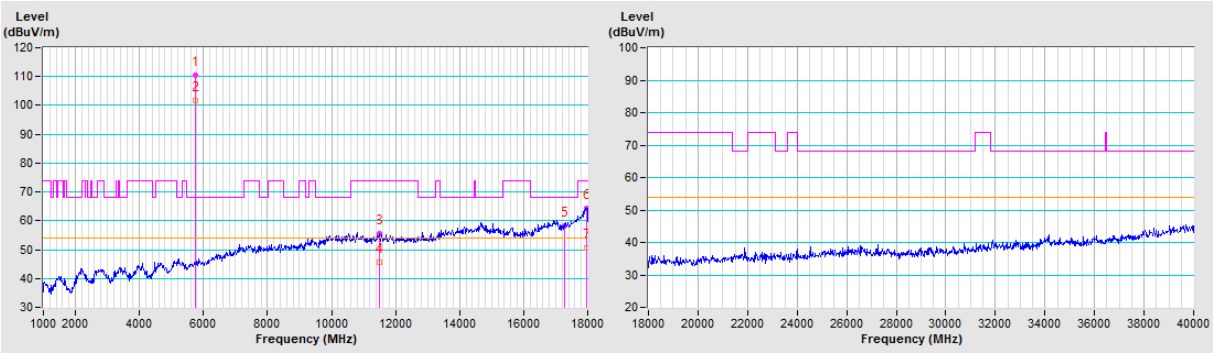


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.4 PK			1.11 H	186	107.4	3.0
2	*5755.00	101.6 AV			1.11 H	186	98.6	3.0
3	11510.00	55.6 PK	74.0	-18.4	2.27 H	360	43.3	12.3
4	11510.00	45.5 AV	54.0	-8.5	2.27 H	360	33.2	12.3
5	#17265.00	58.2 PK	68.2	-10.0	1.97 H	216	42.8	15.4
6	17956.22	64.4 PK	74.0	-9.6	1.27 H	315	43.2	21.2
7	17956.22	50.6 AV	54.0	-3.4	1.27 H	315	29.4	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

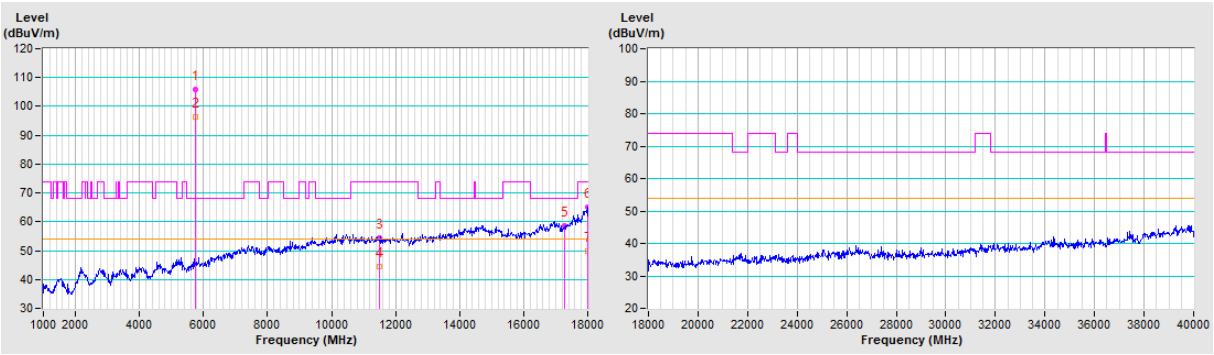


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	105.8 PK			3.42 V	283	102.8	3.0
2	*5755.00	96.3 AV			3.42 V	283	93.3	3.0
3	11510.00	54.5 PK	74.0	-19.5	1.33 V	206	42.2	12.3
4	11510.00	44.6 AV	54.0	-9.4	1.33 V	206	32.3	12.3
5	#17265.00	58.5 PK	68.2	-9.7	1.86 V	155	43.1	15.4
6	17997.87	65.1 PK	74.0	-8.9	1.35 V	269	43.2	21.9
7	17997.87	49.8 AV	54.0	-4.2	1.35 V	269	27.9	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

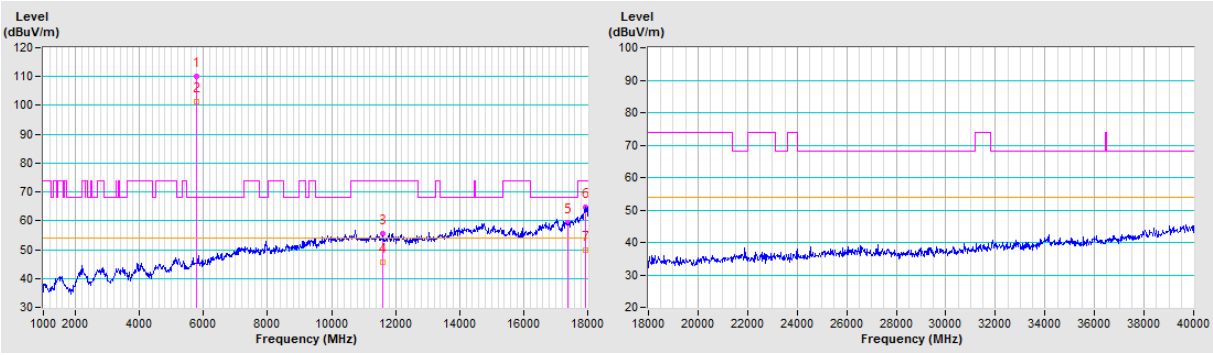


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	110.1 PK			1.09 H	185	107.1	3.0
2	*5795.00	101.4 AV			1.09 H	185	98.4	3.0
3	11590.00	55.4 PK	74.0	-18.6	2.17 H	151	43.0	12.4
4	11590.00	45.5 AV	54.0	-8.5	2.17 H	151	33.1	12.4
5	#17385.00	59.2 PK	68.2	-9.0	1.94 H	187	43.0	16.2
6	17920.10	64.6 PK	74.0	-9.4	1.54 H	237	44.2	20.4
7	17920.10	49.9 AV	54.0	-4.1	1.54 H	237	29.5	20.4

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

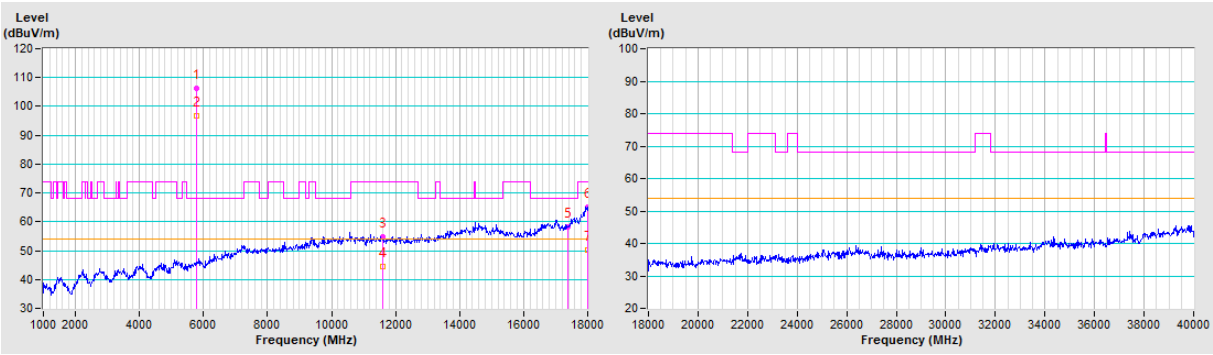


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	106.1 PK			3.46 V	295	103.1	3.0
2	*5795.00	96.6 AV			3.46 V	295	93.6	3.0
3	11590.00	54.7 PK	74.0	-19.3	1.34 V	216	42.3	12.4
4	11590.00	44.5 AV	54.0	-9.5	1.34 V	216	32.1	12.4
5	#17385.00	58.1 PK	68.2	-10.1	1.87 V	360	41.9	16.2
6	17998.72	65.2 PK	74.0	-8.8	1.25 V	356	43.3	21.9
7	17998.72	50.3 AV	54.0	-3.7	1.25 V	356	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



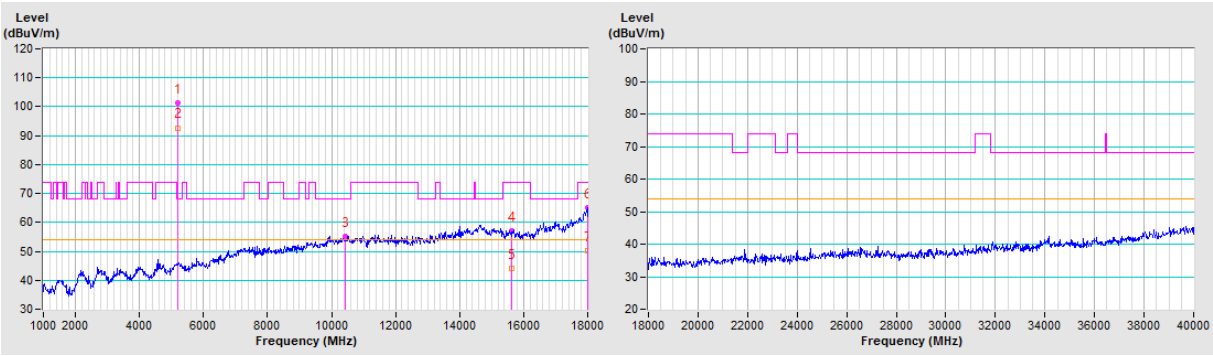
802.11ac (VHT80)

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	101.3 PK			1.40 H	229	98.9	2.4
2	*5210.00	92.7 AV			1.40 H	229	90.3	2.4
3	#10420.00	55.1 PK	68.2	-13.1	2.19 H	138	42.9	12.2
4	15630.00	56.9 PK	74.0	-17.1	1.99 H	212	44.2	12.7
5	15630.00	44.2 AV	54.0	-9.8	1.99 H	212	31.5	12.7
6	17991.50	65.1 PK	74.0	-8.9	1.13 H	233	43.3	21.8
7	17991.50	50.1 AV	54.0	-3.9	1.13 H	233	28.3	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

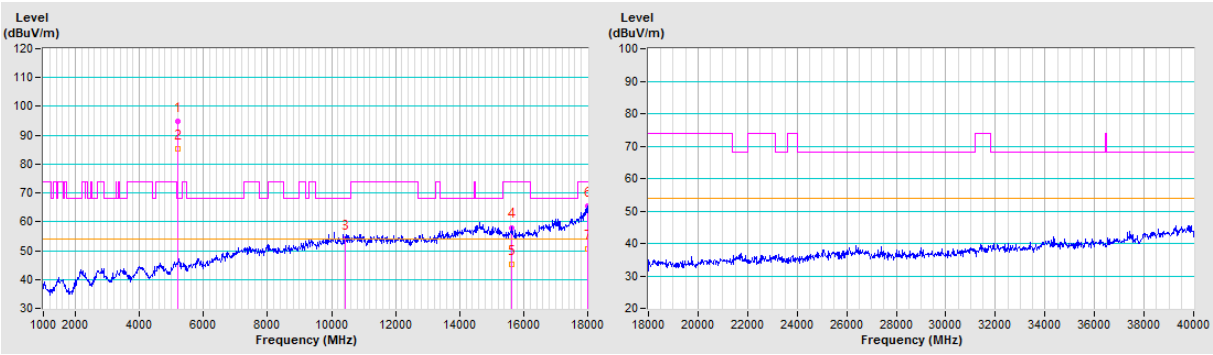


CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	94.8 PK			1.12 V	284	92.4	2.4
2	*5210.00	85.2 AV			1.12 V	284	82.8	2.4
3	#10420.00	54.1 PK	68.2	-14.1	1.39 V	224	41.9	12.2
4	15630.00	58.0 PK	74.0	-16.0	1.85 V	135	45.3	12.7
5	15630.00	45.2 AV	54.0	-8.8	1.85 V	135	32.5	12.7
6	17990.65	65.5 PK	74.0	-8.5	1.29 V	249	43.7	21.8
7	17990.65	50.5 AV	54.0	-3.5	1.29 V	249	28.7	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

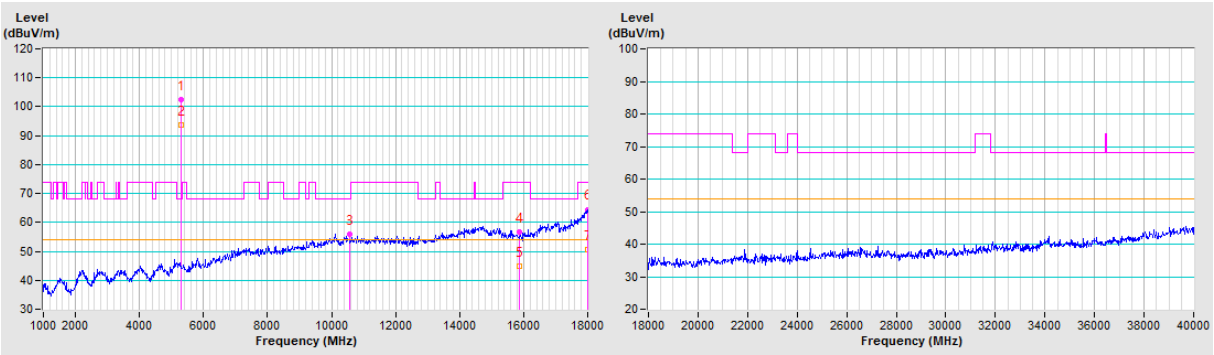


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	102.4 PK			1.16 H	228	100.3	2.1
2	*5290.00	93.7 AV			1.16 H	228	91.6	2.1
3	#10580.00	55.8 PK	68.2	-12.4	2.18 H	137	44.0	11.8
4	15870.00	56.7 PK	74.0	-17.3	1.95 H	212	45.5	11.2
5	15870.00	44.9 AV	54.0	-9.1	1.95 H	212	33.7	11.2
6	17983.85	64.5 PK	74.0	-9.5	1.13 H	233	42.9	21.6
7	17983.85	50.7 AV	54.0	-3.3	1.13 H	233	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

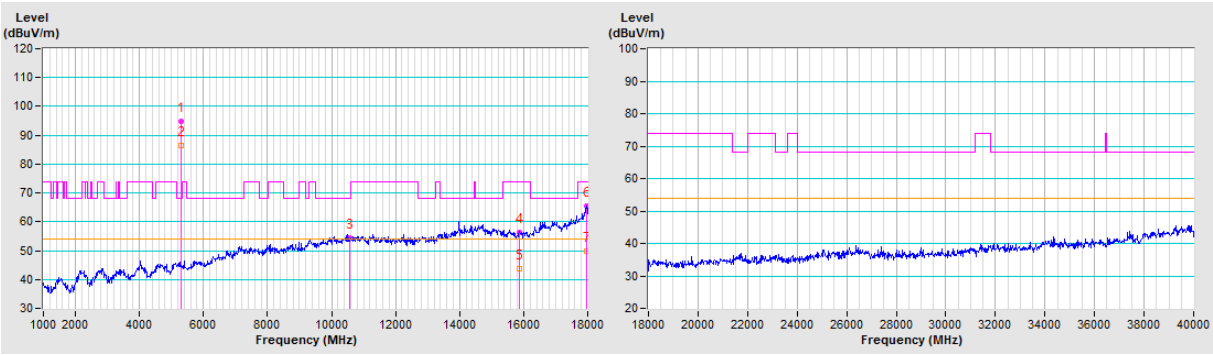


CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	94.7 PK			1.18 V	296	92.6	2.1
2	*5290.00	86.4 AV			1.18 V	296	84.3	2.1
3	#10580.00	54.3 PK	68.2	-13.9	1.30 V	219	42.5	11.8
4	15870.00	56.4 PK	74.0	-17.6	1.86 V	150	45.2	11.2
5	15870.00	43.6 AV	54.0	-10.4	1.86 V	150	32.4	11.2
6	17955.37	65.5 PK	74.0	-8.5	1.34 V	247	44.3	21.2
7	17955.37	49.9 AV	54.0	-4.1	1.34 V	247	28.7	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

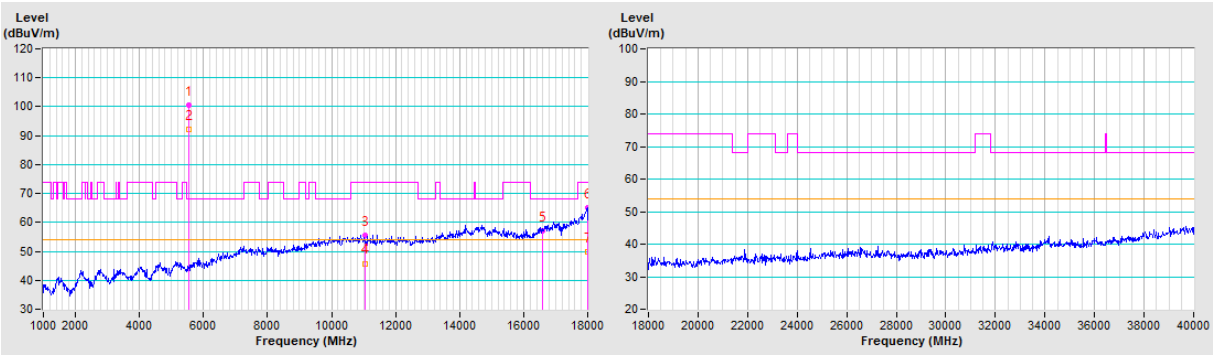


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	100.5 PK			1.23 H	229	97.9	2.6
2	*5530.00	92.3 AV			1.23 H	229	89.7	2.6
3	11060.00	55.6 PK	74.0	-18.4	2.22 H	164	43.5	12.1
4	11060.00	45.8 AV	54.0	-8.2	2.22 H	164	33.7	12.1
5	#16590.00	57.0 PK	68.2	-11.2	1.93 H	203	42.8	14.2
6	17994.90	64.9 PK	74.0	-9.1	1.08 H	143	43.1	21.8
7	17994.90	49.9 AV	54.0	-4.1	1.08 H	143	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

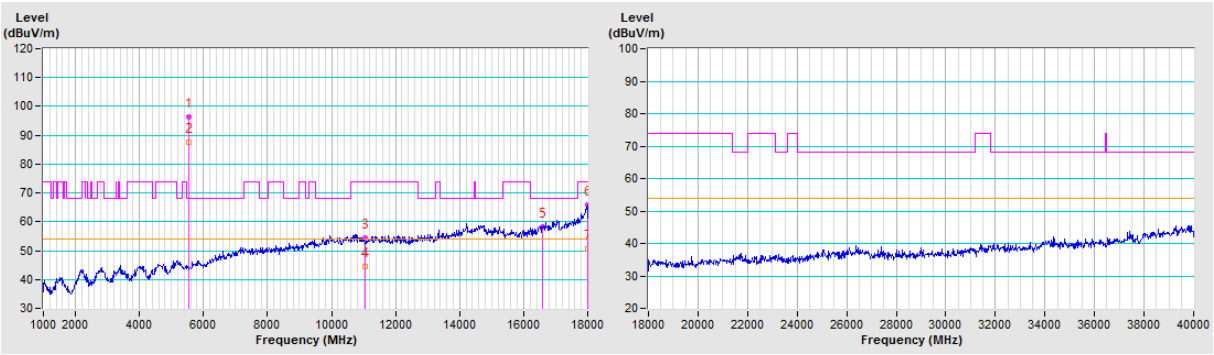


CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	96.2 PK			1.11 V	294	93.6	2.6
2	*5530.00	87.6 AV			1.11 V	294	85.0	2.6
3	11060.00	54.3 PK	74.0	-19.7	1.38 V	208	42.2	12.1
4	11060.00	44.4 AV	54.0	-9.6	1.38 V	208	32.3	12.1
5	#16590.00	58.2 PK	68.2	-10.0	1.83 V	157	44.0	14.2
6	17985.97	65.7 PK	74.0	-8.3	1.49 V	246	44.1	21.6
7	17985.97	50.7 AV	54.0	-3.3	1.49 V	246	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

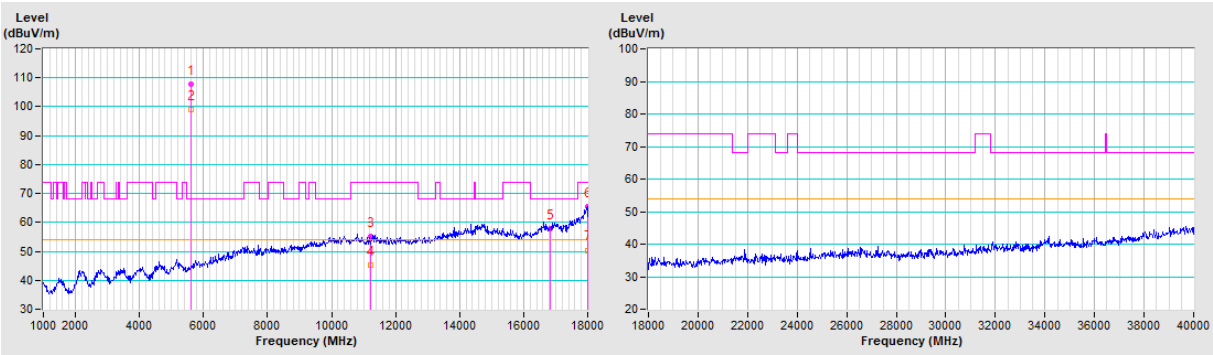


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.7 PK			1.26 H	200	104.9	2.8
2	*5610.00	99.0 AV			1.26 H	200	96.2	2.8
3	11220.00	55.3 PK	74.0	-18.7	2.25 H	135	43.0	12.3
4	11220.00	45.3 AV	54.0	-8.7	2.25 H	135	33.0	12.3
5	#16830.00	57.8 PK	68.2	-10.4	1.90 H	205	43.2	14.6
6	17998.30	65.4 PK	74.0	-8.6	1.33 H	251	43.5	21.9
7	17998.30	50.4 AV	54.0	-3.6	1.33 H	251	28.5	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

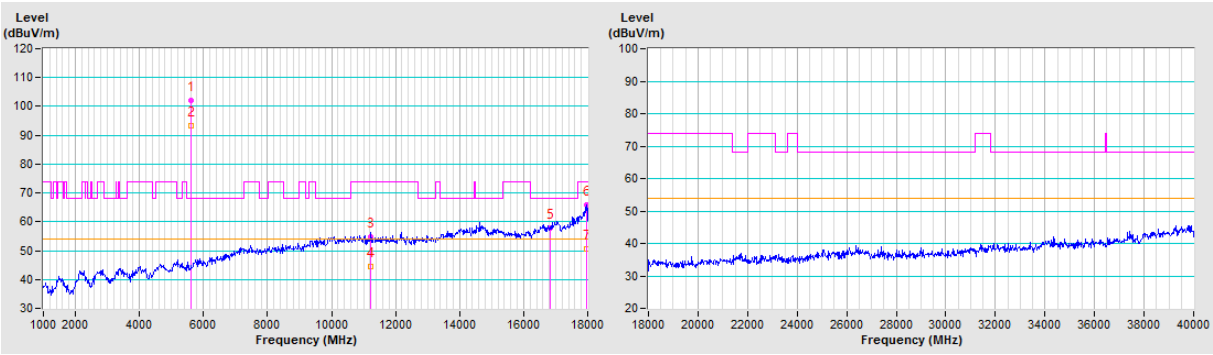


CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	102.1 PK			1.14 V	291	99.3	2.8
2	*5610.00	93.4 AV			1.14 V	291	90.6	2.8
3	11220.00	54.7 PK	74.0	-19.3	1.40 V	206	42.4	12.3
4	11220.00	44.4 AV	54.0	-9.6	1.40 V	206	32.1	12.3
5	#16830.00	57.9 PK	68.2	-10.3	1.89 V	148	43.3	14.6
6	17971.53	65.8 PK	74.0	-8.2	1.33 V	139	44.4	21.4
7	17971.53	50.6 AV	54.0	-3.4	1.33 V	139	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

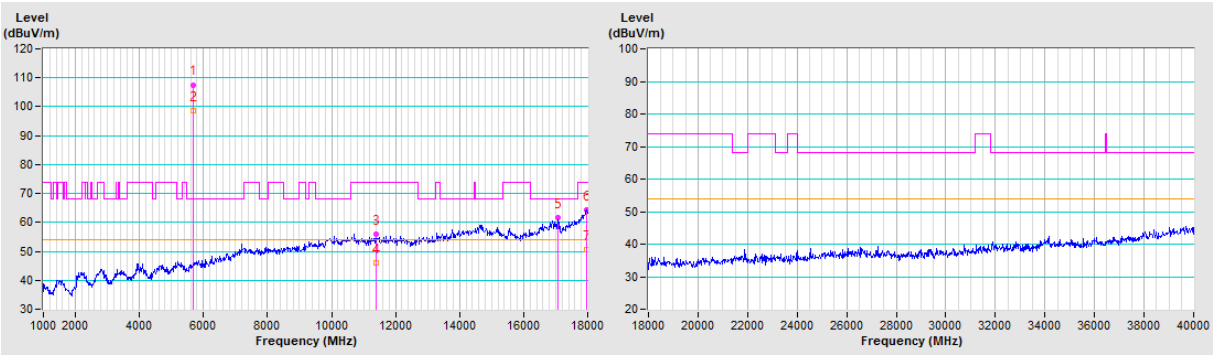


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	107.6 PK			1.26 H	206	104.7	2.9
2	*5690.00	98.6 AV			1.26 H	206	95.7	2.9
3	11380.00	55.9 PK	74.0	-18.1	2.23 H	161	43.0	12.9
4	11380.00	46.0 AV	54.0	-8.0	2.23 H	161	33.1	12.9
5	#17070.00	61.5 PK	68.2	-6.7	1.92 H	196	45.4	16.1
6	17966.00	64.3 PK	74.0	-9.7	1.21 H	243	43.0	21.3
7	17966.00	50.6 AV	54.0	-3.4	1.21 H	243	29.3	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

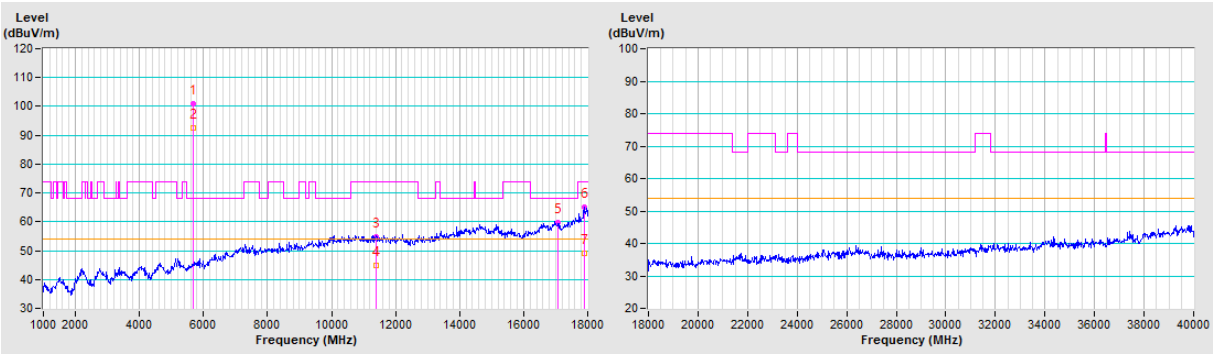


CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	100.9 PK			1.18 V	290	98.0	2.9
2	*5690.00	92.4 AV			1.18 V	290	89.5	2.9
3	11380.00	54.7 PK	74.0	-19.3	1.38 V	208	41.8	12.9
4	11380.00	44.7 AV	54.0	-9.3	1.38 V	208	31.8	12.9
5	#17070.00	59.7 PK	68.2	-8.5	1.86 V	142	43.6	16.1
6	17897.58	65.1 PK	74.0	-8.9	1.30 V	341	45.0	20.1
7	17897.58	49.1 AV	54.0	-4.9	1.30 V	341	29.0	20.1

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

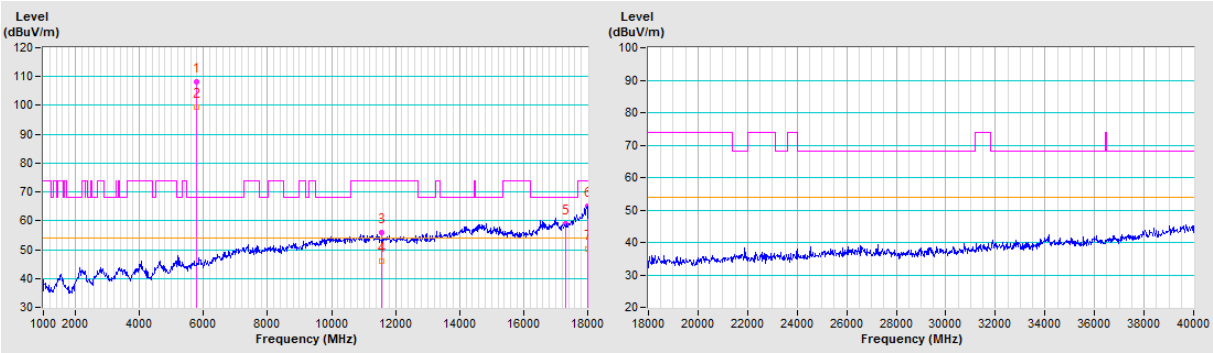


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	108.0 PK			1.10 H	275	105.0	3.0
2	*5775.00	99.3 AV			1.10 H	275	96.3	3.0
3	11550.00	55.8 PK	74.0	-18.2	2.23 H	159	43.4	12.4
4	11550.00	46.1 AV	54.0	-7.9	2.23 H	159	33.7	12.4
5	#17325.00	58.9 PK	68.2	-9.3	1.90 H	199	43.2	15.7
6	17994.90	65.2 PK	74.0	-8.8	1.10 H	214	43.4	21.8
7	17994.90	50.3 AV	54.0	-3.7	1.10 H	214	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

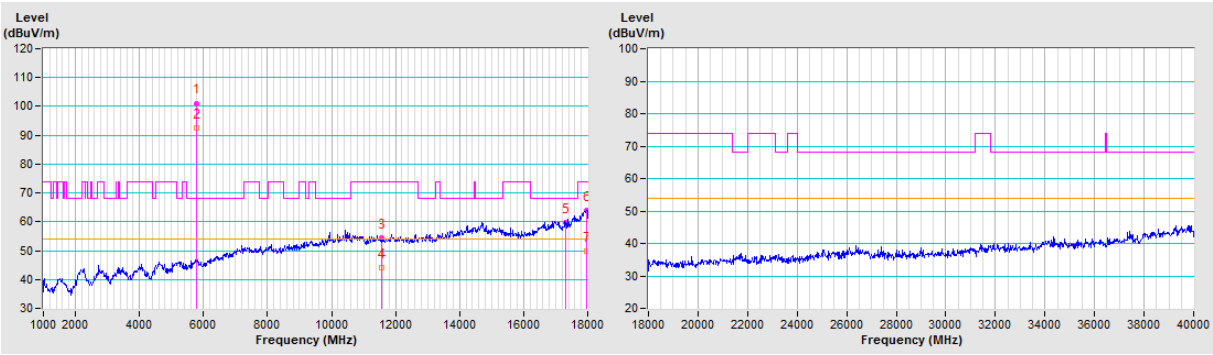


CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	101.1 PK			1.19 V	288	98.1	3.0
2	*5775.00	92.6 AV			1.19 V	288	89.6	3.0
3	11550.00	54.3 PK	74.0	-19.7	1.37 V	203	41.9	12.4
4	11550.00	44.2 AV	54.0	-9.8	1.37 V	203	31.8	12.4
5	#17325.00	59.6 PK	68.2	-8.6	1.92 V	158	43.9	15.7
6	17978.33	64.0 PK	74.0	-10.0	1.38 V	269	42.5	21.5
7	17978.33	49.7 AV	54.0	-4.3	1.38 V	269	28.2	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



4.1.8 Test Results for Bandedge above 1GHz

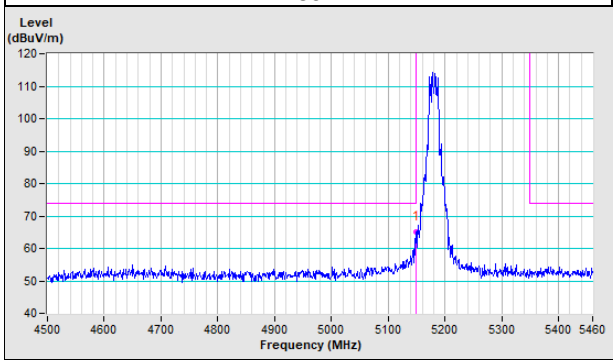
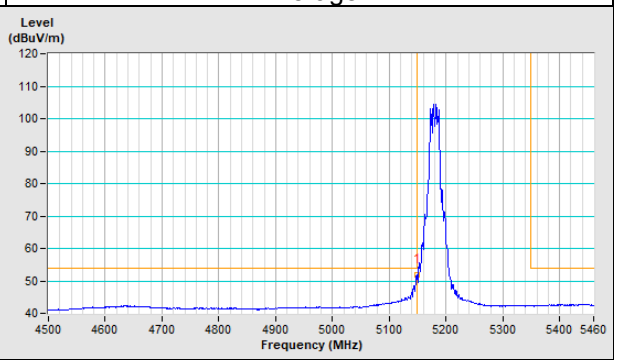
802.11a

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	5148.22	65.1 PK	74.0	-8.9	1.28 H	232	62.5	2.6
AV.1	5148.31	51.9 AV	54.0	-2.1	1.28 H	232	49.3	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

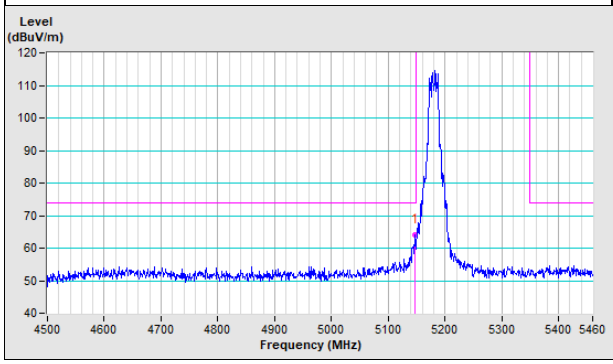
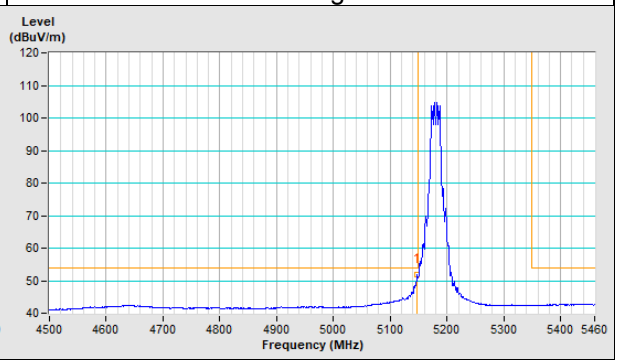
Peak	Average
	

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	5146.70	64.0 PK	74.0	-10.0	3.06 V	165	61.4	2.6
AV.1	5148.02	51.8 AV	54.0	-2.2	3.06 V	165	49.2	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

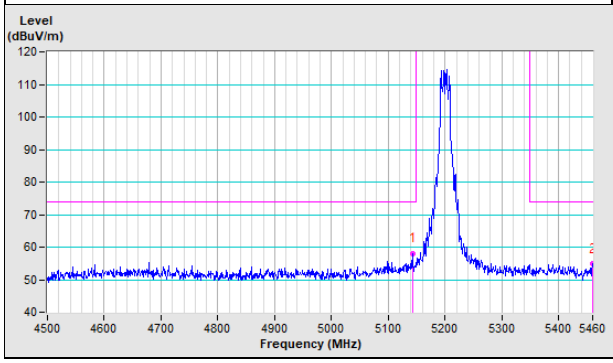
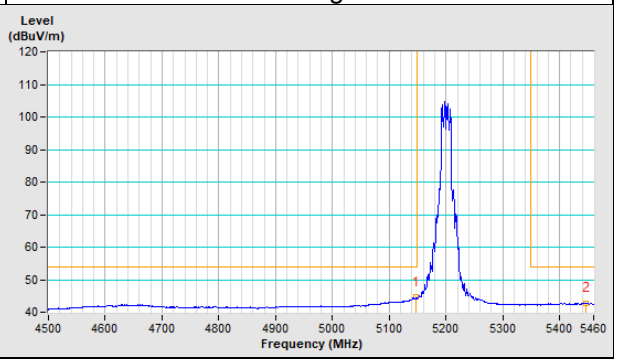
Peak	Average
	

CHANNEL	TX Channel 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	5142.48	57.9 PK	74.0	-16.1	1.23 H	234	55.3	2.6
PK.2	5459.42	54.8 PK	74.0	-19.2	1.23 H	234	52.1	2.7
AV.1	5147.88	44.6 AV	54.0	-9.4	1.23 H	234	42.0	2.6
AV.2	5446.56	42.8 AV	54.0	-11.2	1.23 H	234	40.1	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

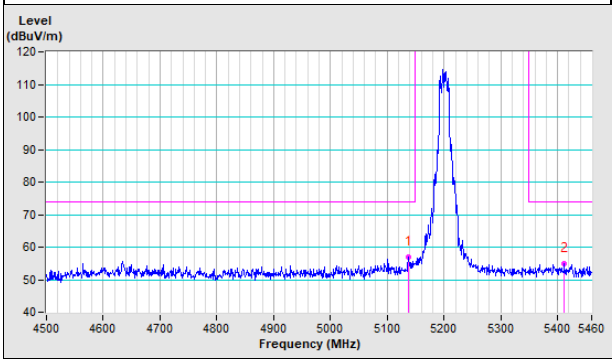
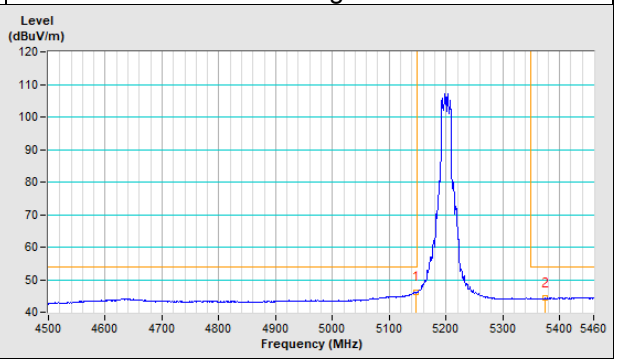
Peak	Average
	

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	5137.92	56.9 PK	74.0	-17.1	3.22 V	170	54.3	2.6
PK.2	5411.64	54.9 PK	74.0	-19.1	3.22 V	170	52.4	2.5
AV.1	5147.45	46.2 AV	54.0	-7.8	3.22 V	170	43.6	2.6
AV.2	5374.99	44.3 AV	54.0	-9.7	3.22 V	170	41.9	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

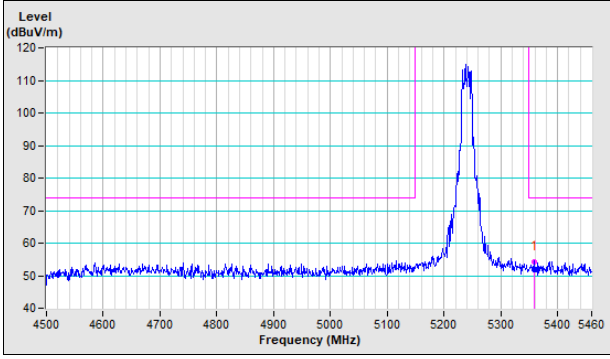
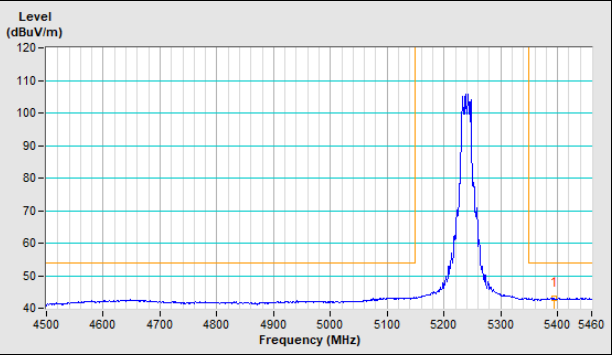
Peak	Average
	

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

ANTENNA POLARITY & TEST DISTANCE: 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	5358.05	54.4 PK	74.0	-19.6	1.17 H	234	52.0	2.4
AV.1	5394.10	43.0 AV	54.0	-11.0	1.17 H	234	40.5	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

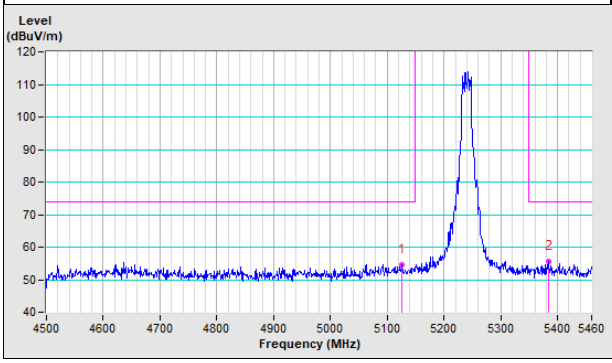
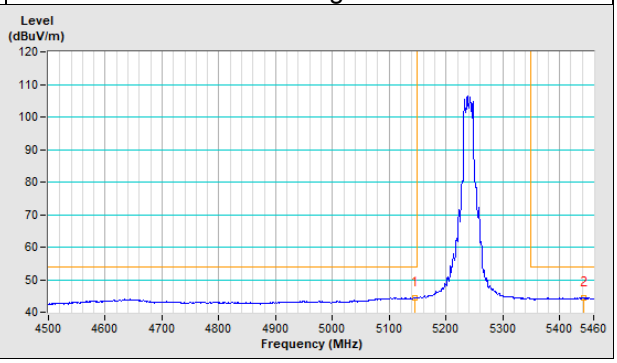
Peak	Average
	

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	5126.28	54.5 PK	74.0	-19.5	3.14 V	187	51.8	2.7
PK.2	5383.32	55.6 PK	74.0	-18.4	3.14 V	187	53.2	2.4
AV.1	5144.64	44.4 AV	54.0	-9.6	3.14 V	187	41.8	2.6
AV.2	5442.70	44.5 AV	54.0	-9.5	3.14 V	187	41.9	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

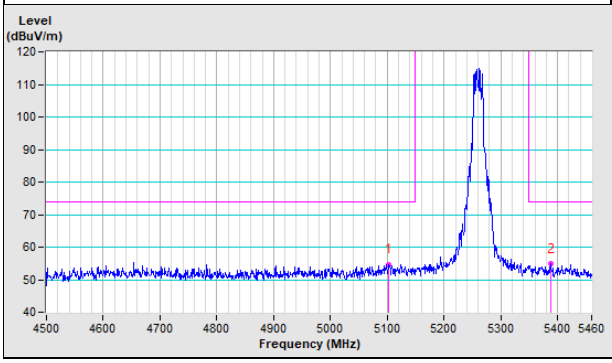
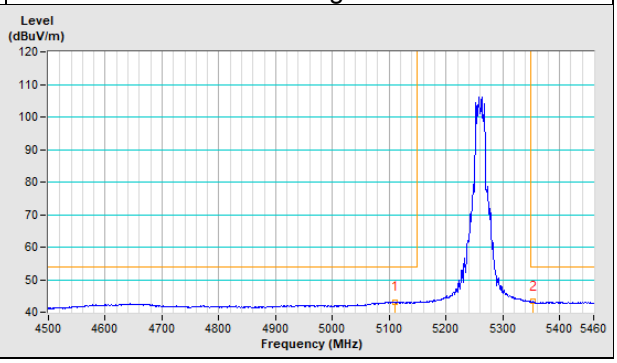
Peak	Average
	

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

ANTENNA POLARITY & TEST DISTANCE: 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	5102.02	54.5 PK	74.0	-19.5	1.23 H	233	51.8	2.7
PK.2	5387.83	54.8 PK	74.0	-19.2	1.23 H	233	52.3	2.5
AV.1	5109.46	43.2 AV	54.0	-10.8	1.23 H	233	40.5	2.7
AV.2	5352.43	43.3 AV	54.0	-10.7	1.23 H	233	41.0	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

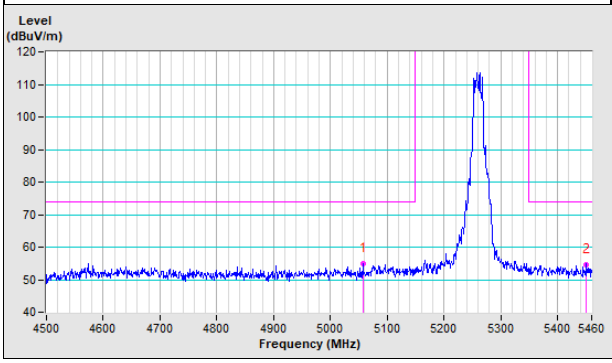
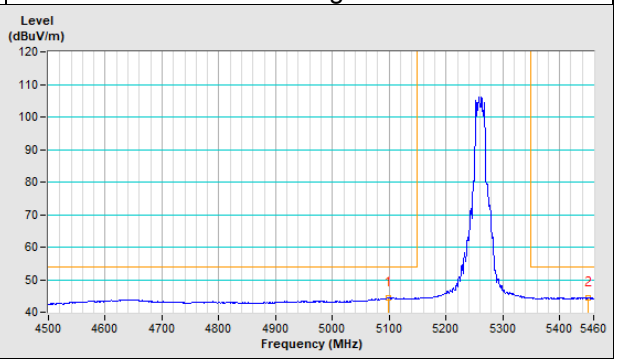
Peak	Average
	

CHANNEL	TX Channel 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	5056.78	54.9 PK	74.0	-19.1	3.27 V	165	52.7	2.2
PK.2	5451.17	54.7 PK	74.0	-19.3	3.27 V	165	52.0	2.7
AV.1	5099.02	44.4 AV	54.0	-9.6	3.27 V	165	41.7	2.7
AV.2	5450.71	44.5 AV	54.0	-9.5	3.27 V	165	41.8	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

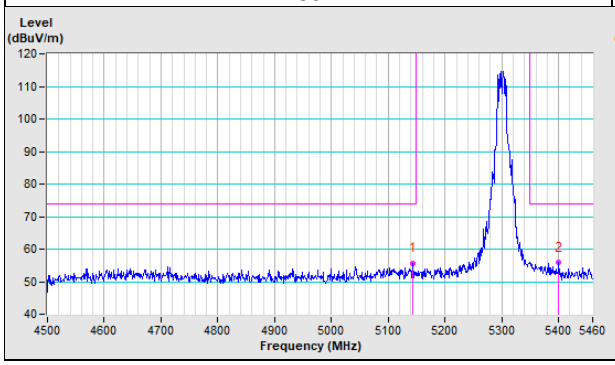
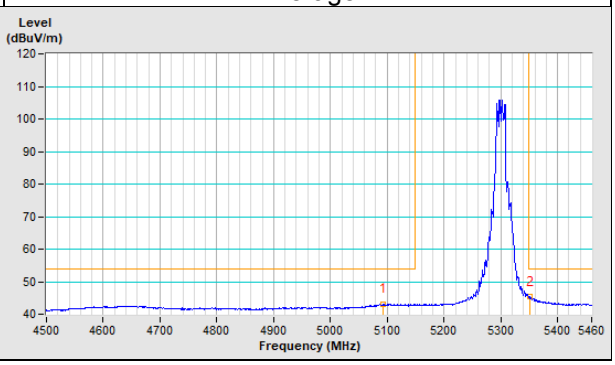
Peak	Average
	

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	5143.22	55.7 PK	74.0	-18.3	1.17 H	232	53.1	2.6
PK.2	5400.72	55.8 PK	74.0	-18.2	1.17 H	232	53.3	2.5
AV.1	5091.98	43.2 AV	54.0	-10.8	1.17 H	232	40.6	2.6
AV.2	5351.90	45.3 AV	54.0	-8.7	1.17 H	232	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

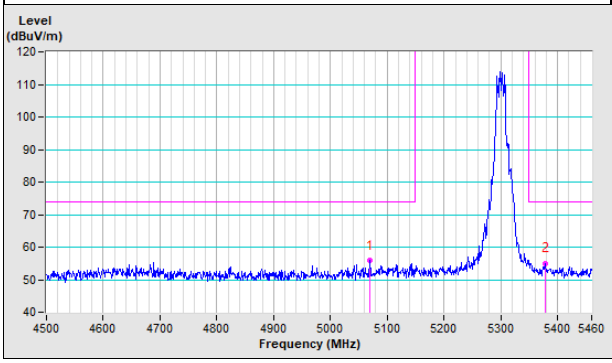
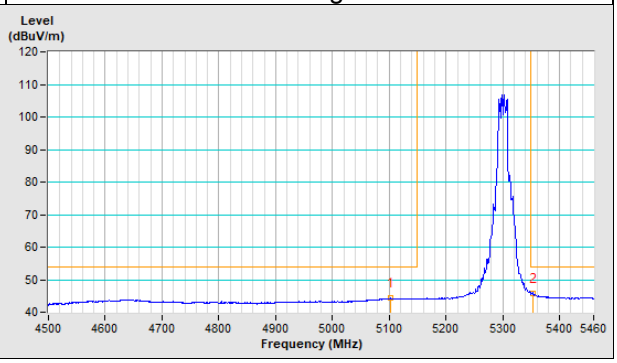
Peak	Average
	

CHANNEL	TX Channel 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	5069.26	55.8 PK	74.0	-18.2	3.28 V	169	53.4	2.4
PK.2	5377.87	55.0 PK	74.0	-19.0	3.28 V	169	52.6	2.4
AV.1	5103.17	44.3 AV	54.0	-9.7	3.28 V	169	41.6	2.7
AV.2	5353.27	45.6 AV	54.0	-8.4	3.28 V	169	43.3	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

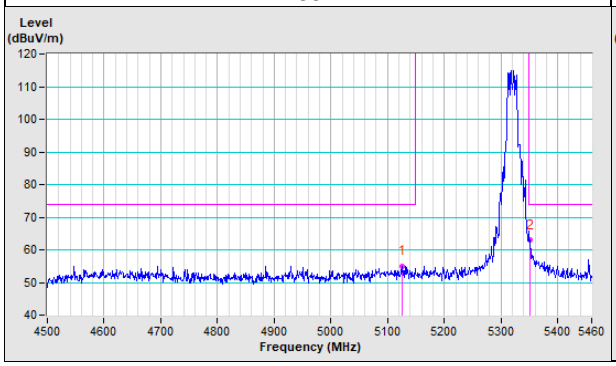
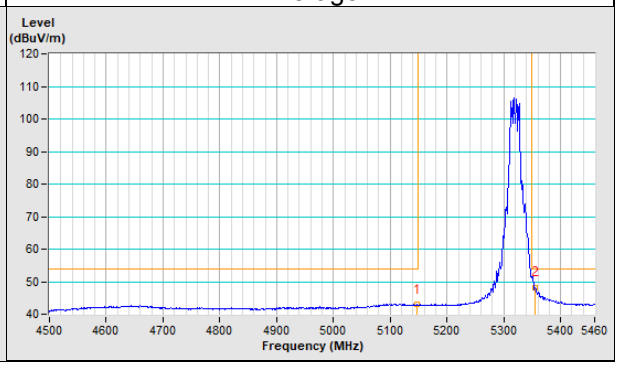
Peak	Average
	

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	5126.11	54.9 PK	74.0	-19.1	1.17 H	232	52.2	2.7
PK.2	5350.70	62.9 PK	74.0	-11.1	1.17 H	232	60.6	2.3
AV.1	5146.58	42.9 AV	54.0	-11.1	1.17 H	232	40.3	2.6
AV.2	5355.82	48.2 AV	54.0	-5.8	1.17 H	232	45.8	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

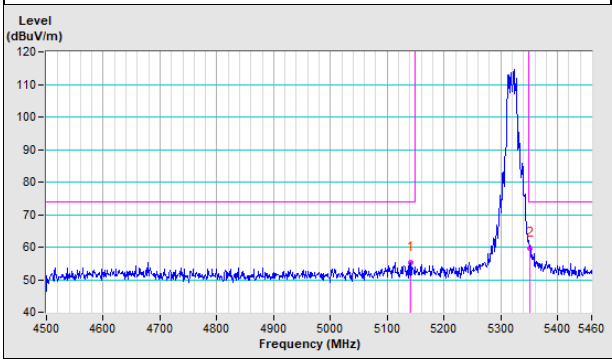
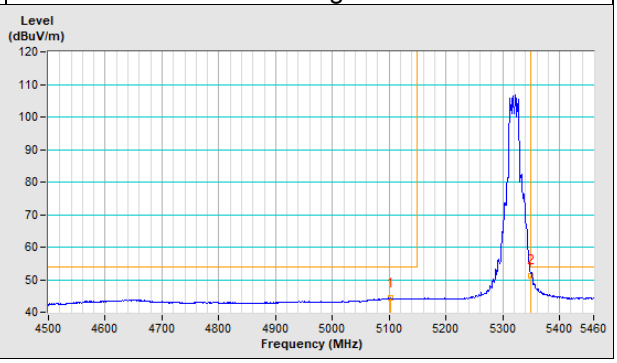
Peak	Average
	

CHANNEL	TX Channel 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	5140.61	55.3 PK	74.0	-18.7	3.26 V	175	52.7	2.6
PK.2	5351.64	59.7 PK	74.0	-14.3	3.26 V	175	57.4	2.3
AV.1	5101.87	44.3 AV	54.0	-9.7	3.26 V	175	41.6	2.7
AV.2	5350.00	51.3 AV	54.0	-2.7	3.26 V	175	49.0	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

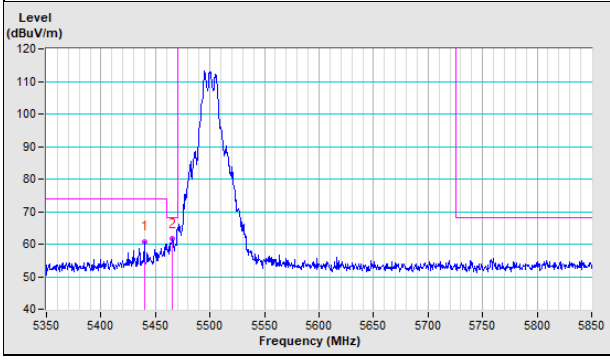
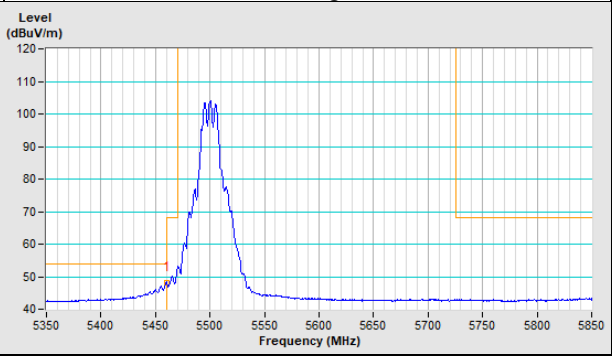
Peak	Average
	

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	5439.61	60.8 PK	74.0	-13.2	1.32 H	201	58.2	2.6
PK.2	#5465.76	61.6 PK	68.2	-6.6	1.32 H	201	59.0	2.6
AV.1	5459.87	48.3 AV	54.0	-5.7	1.31 H	201	45.6	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.

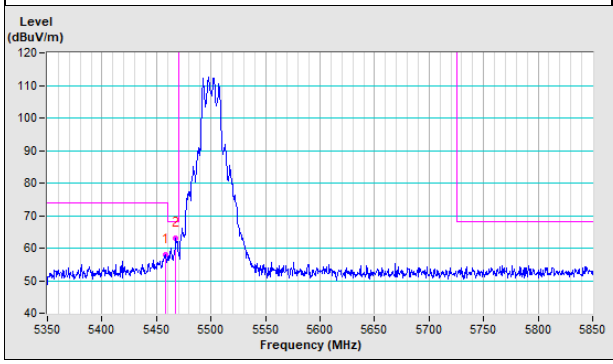
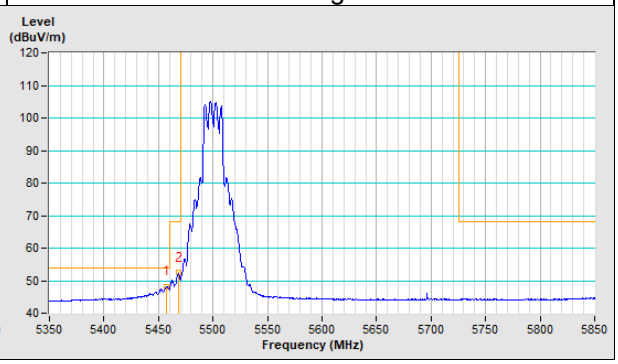
Peak	Average
	

CHANNEL	TX Channel 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	5458.49	58.0 PK	74.0	-16.0	3.25 V	169	55.3	2.7
PK.2	#5467.65	63.1 PK	68.2	-5.1	3.25 V	169	60.5	2.6
AV.1	5457.44	48.3 AV	54.0	-5.7	3.25 V	169	45.6	2.7
AV.2	#5468.14	52.4 AV	68.2	-15.8	3.25 V	169	49.8	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.

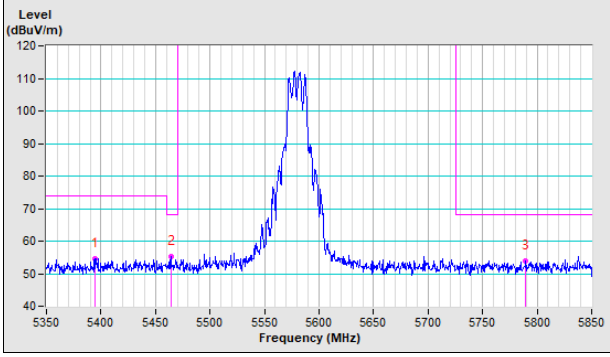
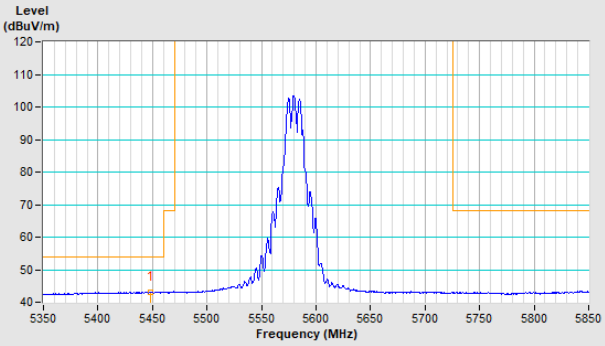
Peak	Average
	

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	5394.04	54.5 PK	74.0	-19.5	1.50 H	293	52.0	2.5
PK.2	#5464.16	55.3 PK	68.2	-12.9	1.50 H	182	52.7	2.6
PK.3	#5789.46	54.0 PK	68.2	-14.2	1.50 H	182	51.0	3.0
AV.1	5448.39	43.1 AV	54.0	-10.9	1.50 H	182	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.

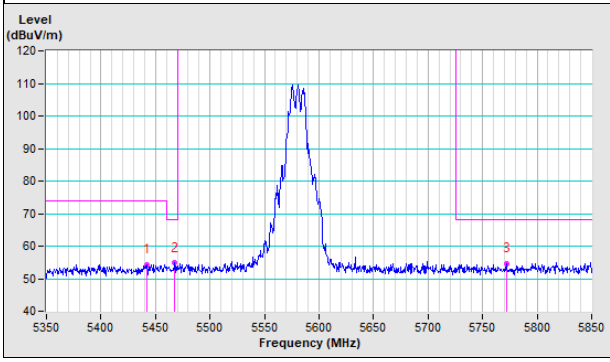
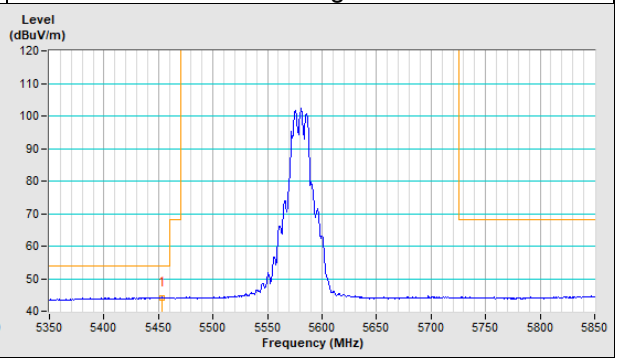
Peak	Average
	

CHANNEL	TX Channel 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	5442.09	54.3 PK	74.0	-19.7	3.31 V	288	51.7	2.6
PK.2	#5467.91	54.8 PK	68.2	-13.4	3.31 V	288	52.2	2.6
PK.3	#5771.86	54.7 PK	68.2	-13.5	3.31 V	288	51.7	3.0
AV.1	5453.45	44.2 AV	54.0	-9.8	3.31 V	288	41.5	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.

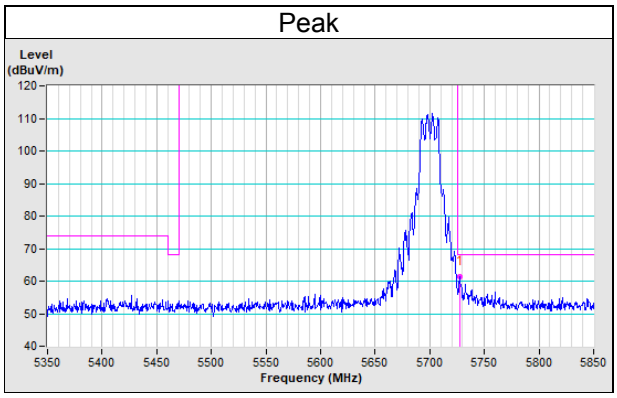
Peak	Average
	

CHANNEL	TX Channel 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	#5727.50	61.3 PK	68.2	-6.9	1.38 H	184	58.4	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.

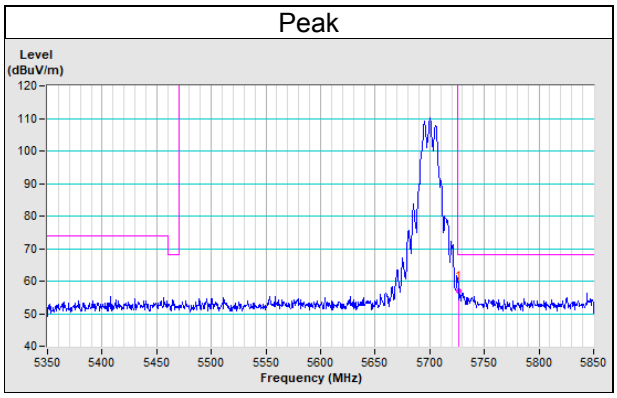


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

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	#5726.48	56.8 PK	68.2	-11.4	3.15 V	167	53.9	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.

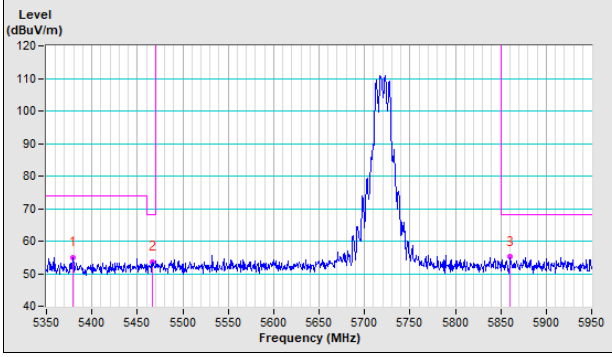
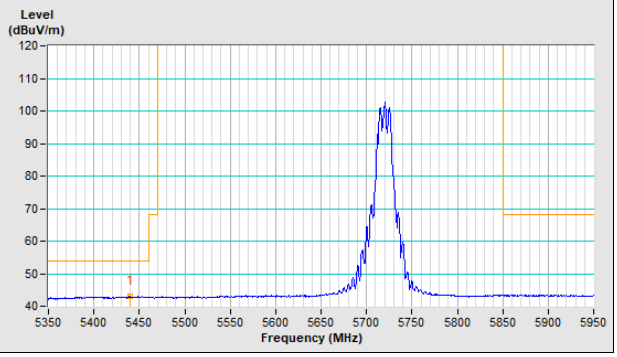


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

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	5379.19	55.0 PK	74.0	-19.0	1.38 H	184	52.6	2.4
PK.2	#5466.86	53.5 PK	68.2	-14.7	1.38 H	184	50.9	2.6
PK.3	#5860.37	55.1 PK	68.2	-13.1	1.38 H	184	51.8	3.3
AV.1	5439.77	43.1 AV	54.0	-10.9	1.38 H	184	40.5	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.

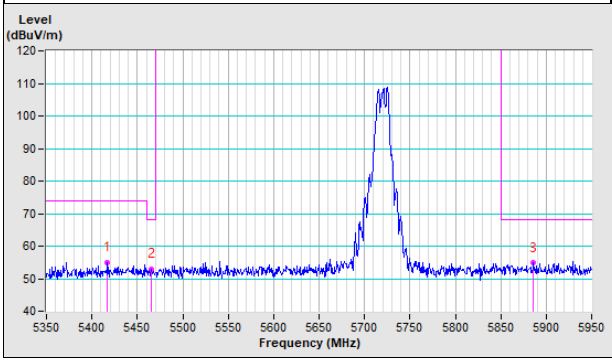
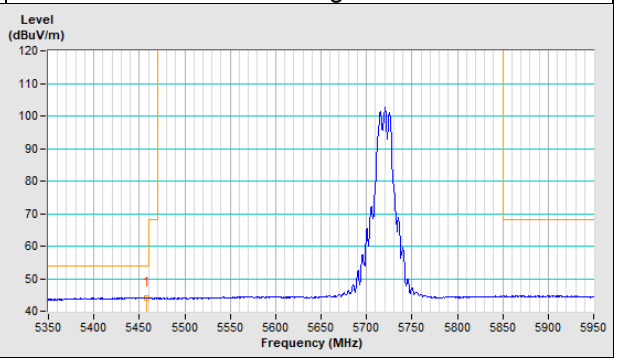
Peak	Average
	

CHANNEL	TX Channel 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	5417.27	54.9 PK	74.0	-19.1	3.15 V	165	52.4	2.5
PK.2	#5465.05	53.0 PK	68.2	-15.2	3.15 V	165	50.4	2.6
PK.3	#5885.86	54.8 PK	68.2	-13.4	3.15 V	165	51.4	3.4
AV.1	5458.70	44.2 AV	54.0	-9.8	3.15 V	165	41.5	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.

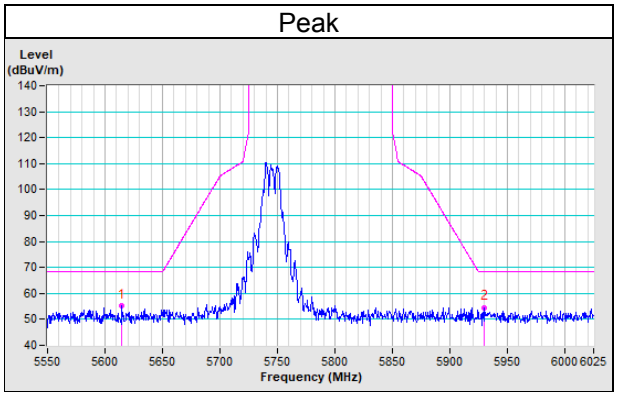
Peak	Average
	

CHANNEL	TX Channel 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	#5614.39	55.1 PK	68.2	-13.1	1.25 H	186	52.3	2.8
PK.2	#5930.14	54.3 PK	68.2	-13.9	1.25 H	186	50.9	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.



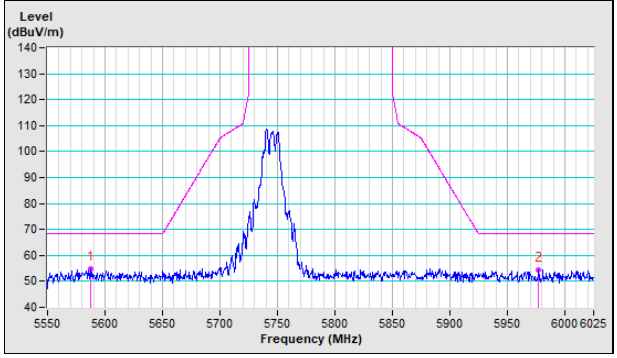
CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5587.19	54.8 PK	68.2	-13.4	3.09 V	172	52.0	2.8
PK.2	#5977.11	54.4 PK	68.2	-13.8	3.09 V	172	51.2	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

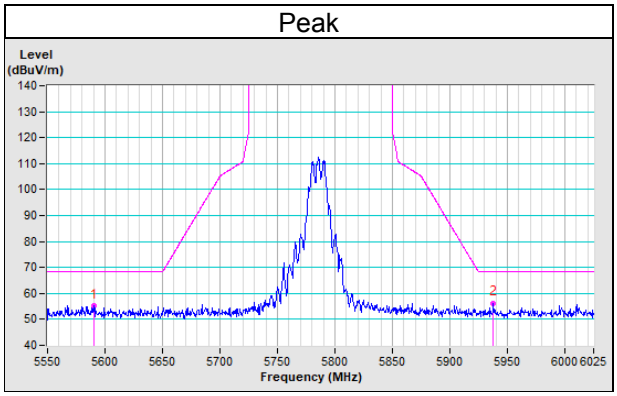


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5590.42	55.1 PK	68.2	-13.1	1.14 H	185	52.3	2.8
PK.2	#5937.84	56.0 PK	68.2	-12.2	1.14 H	185	52.6	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.



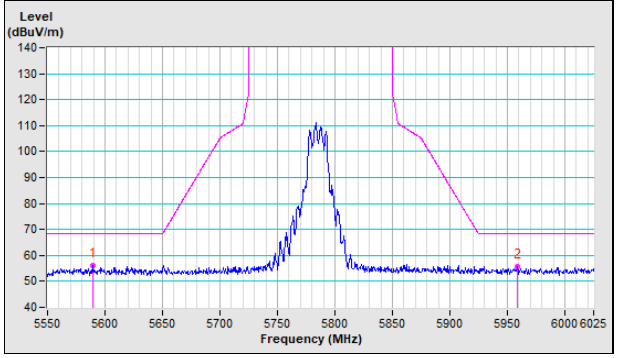
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5589.89	56.0 PK	68.2	-12.2	3.08 V	168	53.2	2.8
PK.2	#5958.54	55.8 PK	68.2	-12.4	3.08 V	168	52.6	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

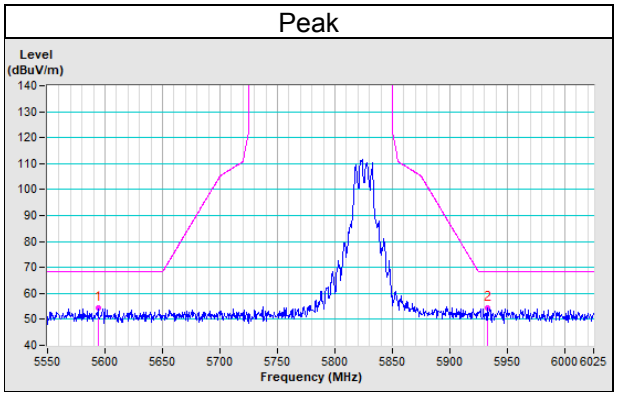


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5594.10	54.2 PK	68.2	-14.0	1.14 H	186	51.4	2.8
PK.2	#5933.08	54.2 PK	68.2	-14.0	1.14 H	186	50.8	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.



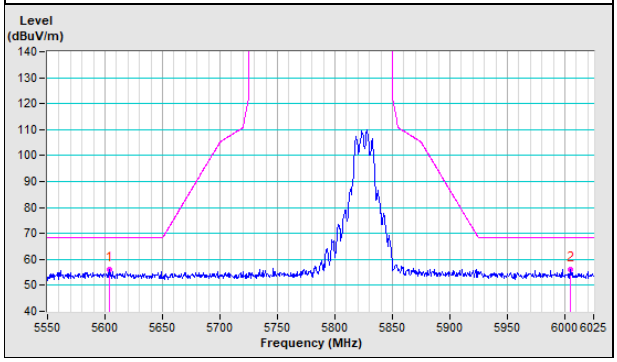
CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5604.27	56.1 PK	68.2	-12.1	3.11 V	178	53.3	2.8
PK.2	#6004.34	56.1 PK	68.2	-12.1	3.11 V	178	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.

Peak



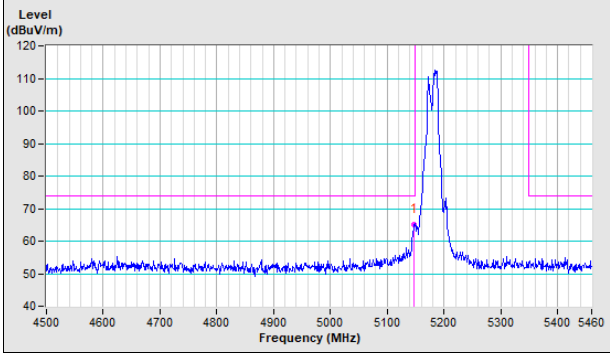
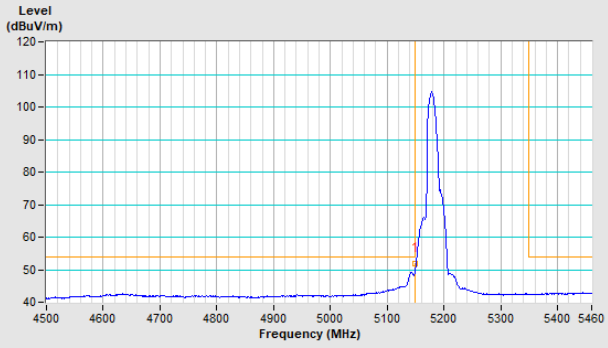
802.11ac (VHT20)

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	5147.18	65.2 PK	74.0	-8.8	1.00 H	340	62.6	2.6
AV.1	5150.00	51.8 AV	54.0	-2.2	1.00 H	340	49.2	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

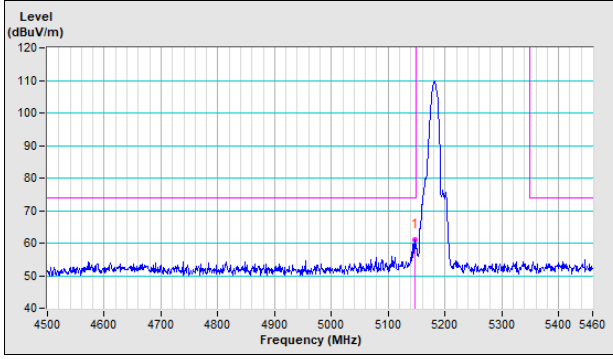
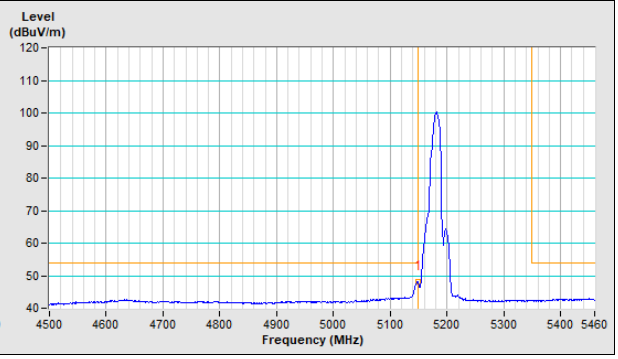
Peak	Average
	

CHANNEL	TX Channel 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	5146.49	61.1 PK	74.0	-12.9	3.46 V	284	58.5	2.6
AV.1	5148.26	48.2 AV	54.0	-5.8	3.46 V	284	45.6	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

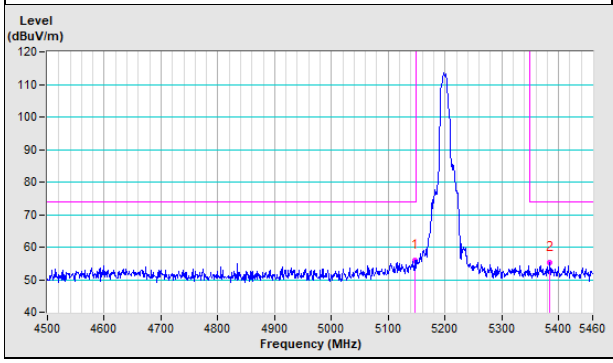
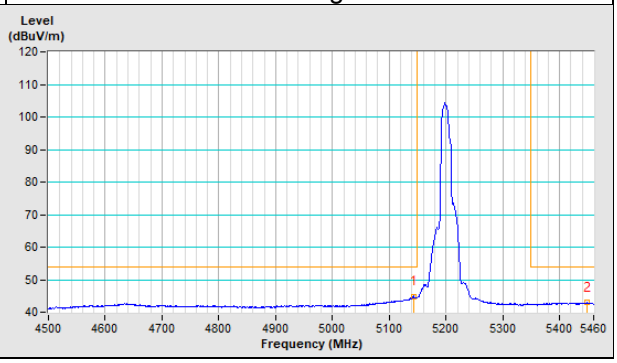
Peak	Average
	

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	5146.70	55.9 PK	74.0	-18.1	1.23 H	340	53.3	2.6
PK.2	5384.30	55.3 PK	74.0	-18.7	1.23 H	340	52.9	2.4
AV.1	5142.34	44.9 AV	54.0	-9.1	1.23 H	340	42.3	2.6
AV.2	5448.74	42.9 AV	54.0	-11.1	1.23 H	340	40.2	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

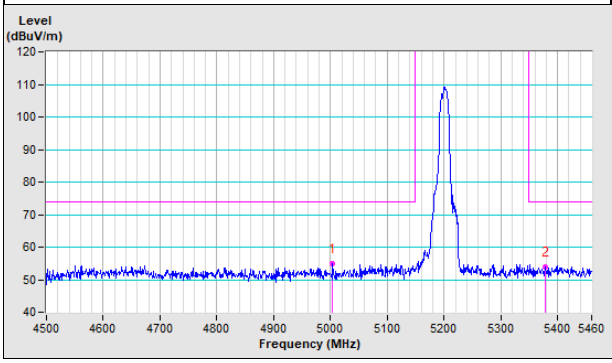
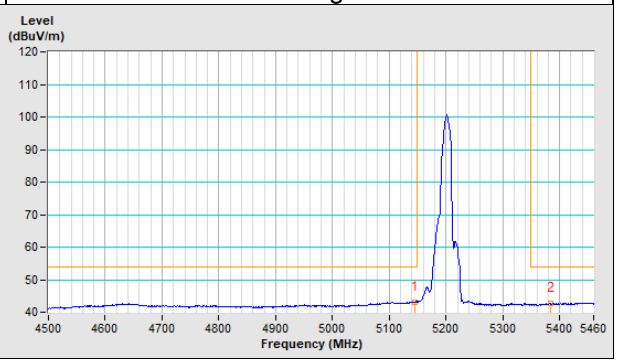
Peak	Average
	

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	5004.12	54.8 PK	74.0	-19.2	3.44 V	283	52.9	1.9
PK.2	5377.78	53.8 PK	74.0	-20.2	3.44 V	283	51.4	2.4
AV.1	5144.83	43.1 AV	54.0	-10.9	3.44 V	283	40.5	2.6
AV.2	5383.78	42.7 AV	54.0	-11.3	3.44 V	283	40.3	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

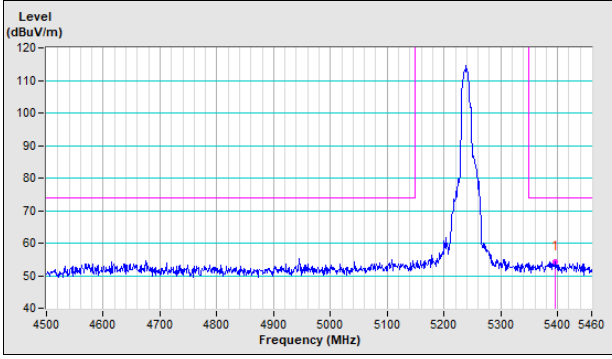
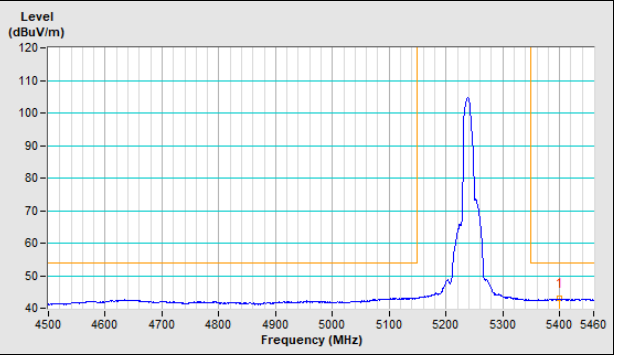
Peak	Average
	

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

ANTENNA POLARITY & TEST DISTANCE: 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	5395.97	54.3 PK	74.0	-19.7	1.24 H	342	51.8	2.5
AV.1	5400.22	42.9 AV	54.0	-11.1	1.24 H	342	40.4	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

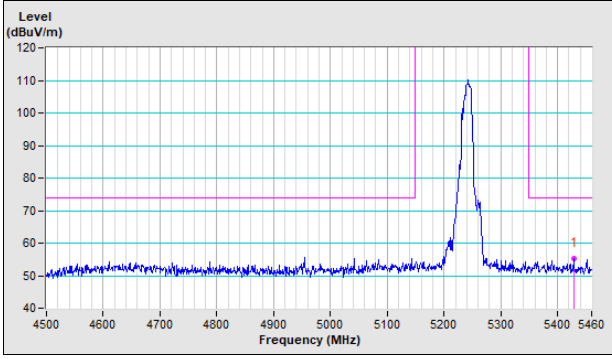
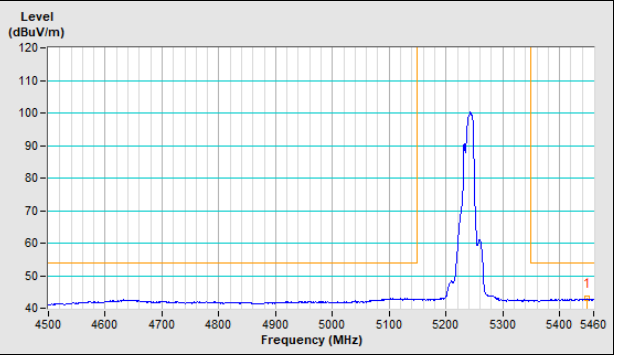
Peak	Average
	

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	5428.58	55.3 PK	74.0	-18.7	3.46 V	306	52.8	2.5
AV.1	5448.77	42.9 AV	54.0	-11.1	3.46 V	306	40.2	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

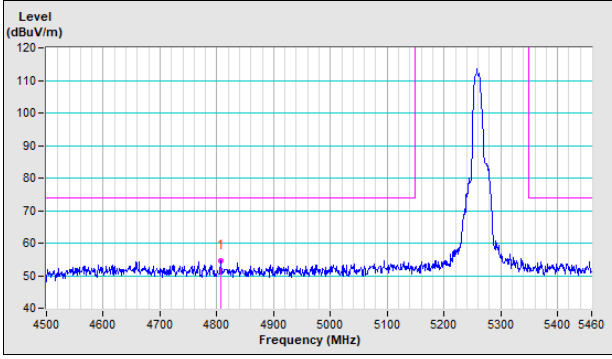
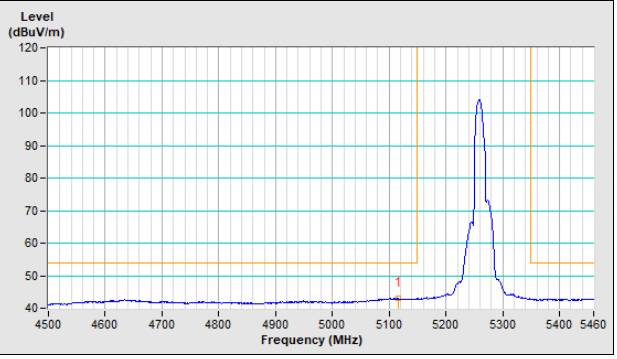
Peak	Average
	

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	4807.22	54.7 PK	74.0	-19.3	1.22 H	348	53.1	1.6
AV.1	5115.74	43.1 AV	54.0	-10.9	1.22 H	348	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

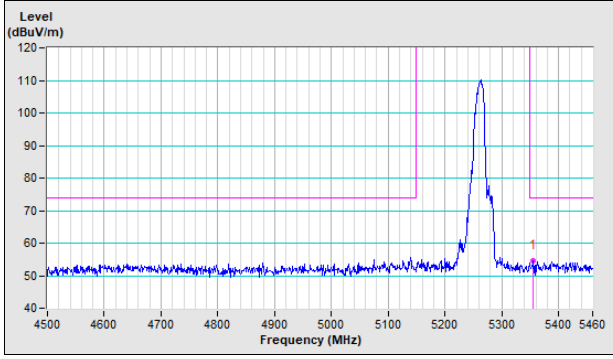
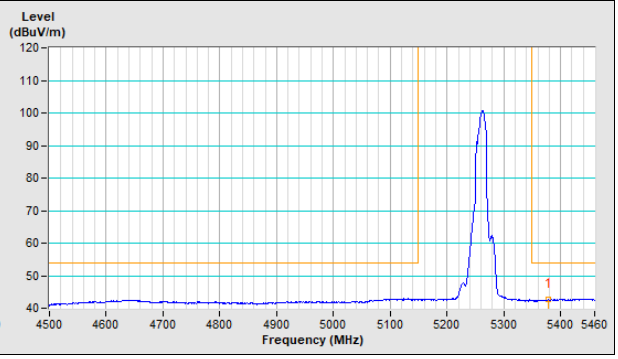
Peak	Average
	

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	5355.72	54.6 PK	74.0	-19.4	3.43 V	306	52.2	2.4
AV.1	5377.85	42.7 AV	54.0	-11.3	3.43 V	306	40.3	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

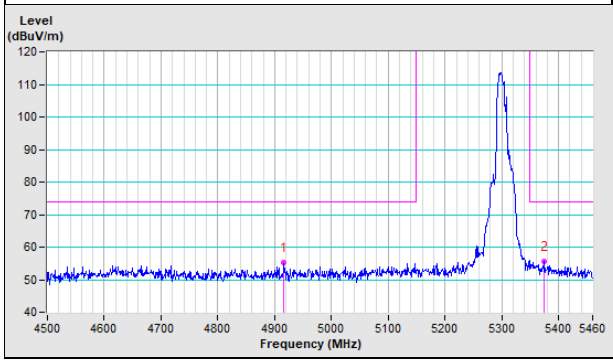
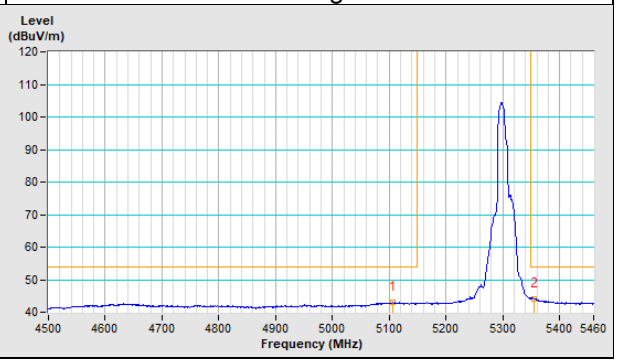
Peak	Average
	

CHANNEL	TX Channel 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	4915.80	55.1 PK	74.0	-18.9	1.02 H	341	53.4	1.7
PK.2	5374.63	55.5 PK	74.0	-18.5	1.02 H	341	53.1	2.4
AV.1	5106.55	43.0 AV	54.0	-11.0	1.02 H	341	40.3	2.7
AV.2	5355.48	44.1 AV	54.0	-9.9	1.02 H	341	41.7	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

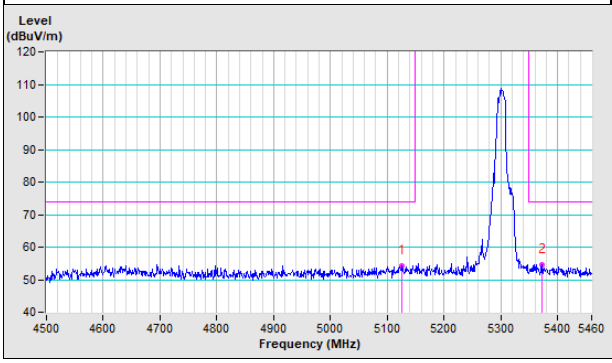
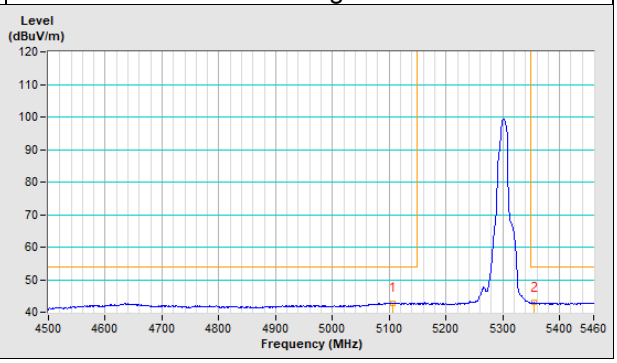
Peak	Average
	

CHANNEL	TX Channel 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	5126.47	54.2 PK	74.0	-19.8	3.39 V	275	51.5	2.7
PK.2	5371.87	54.7 PK	74.0	-19.3	3.39 V	275	52.3	2.4
AV.1	5105.74	42.8 AV	54.0	-11.2	3.39 V	275	40.1	2.7
AV.2	5355.24	42.9 AV	54.0	-11.1	3.39 V	275	40.5	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

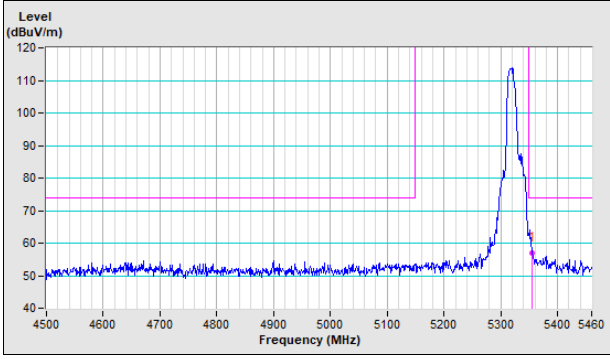
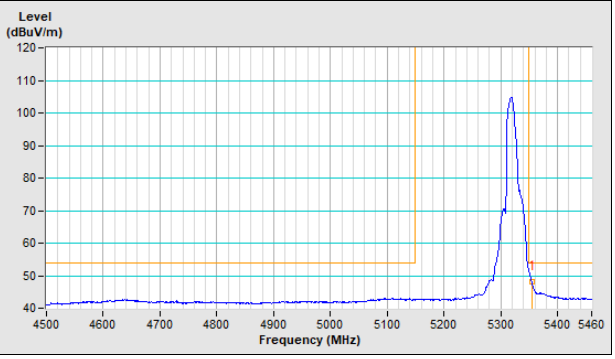
Peak	Average
	

CHANNEL	TX Channel 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	5355.77	57.1 PK	74.0	-16.9	1.02 H	344	54.7	2.4
AV.1	5354.16	48.3 AV	54.0	-5.7	1.02 H	344	45.9	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

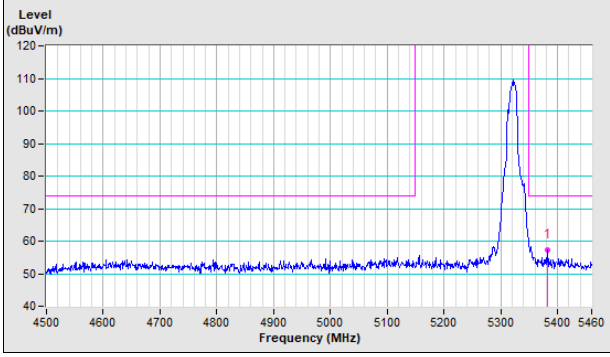
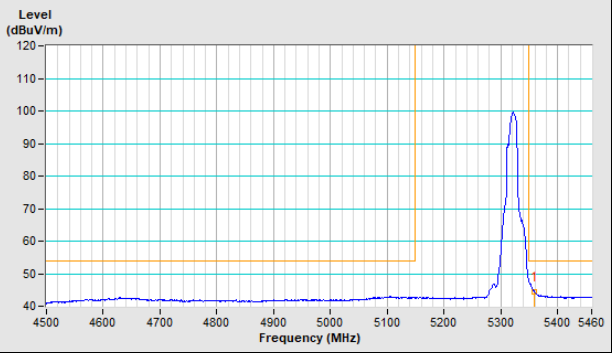
Peak	Average
	

CHANNEL	TX Channel 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	5382.46	57.4 PK	74.0	-16.6	3.29 V	272	55.0	2.4
AV.1	5359.90	44.3 AV	54.0	-9.7	3.29 V	272	41.9	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

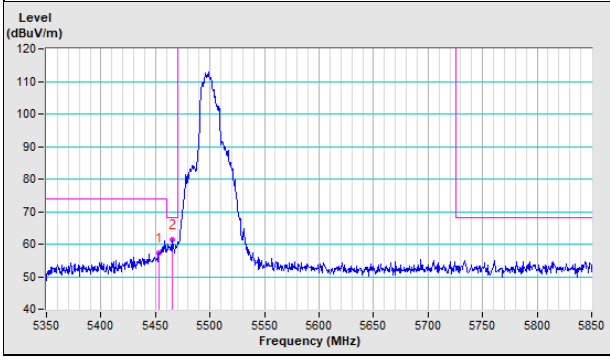
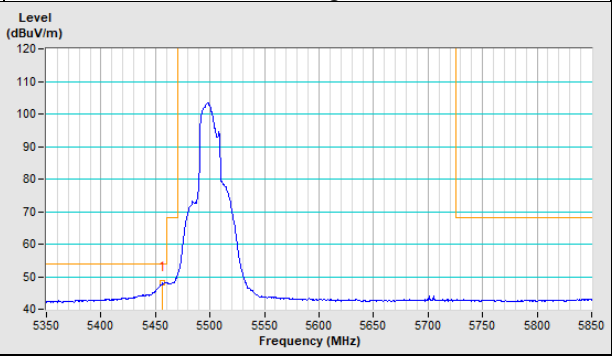
Peak	Average
	

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	5452.93	57.2 PK	74.0	-16.8	1.06 H	350	54.5	2.7
PK.2	#5464.96	61.2 PK	68.2	-7.0	1.03 H	350	58.6	2.6
AV.1	5456.50	48.3 AV	54.0	-5.7	1.06 H	350	45.6	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.

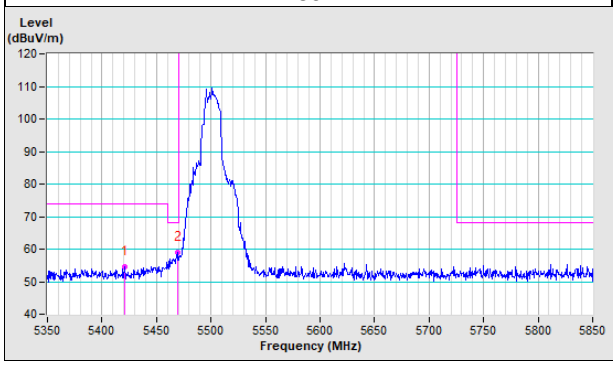
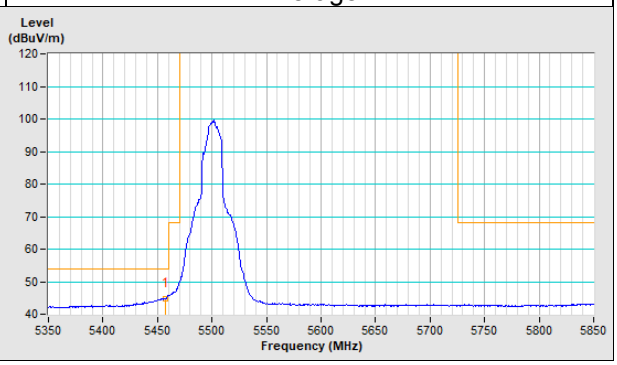
Peak	Average
	

CHANNEL	TX Channel 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	5421.02	54.6 PK	74.0	-19.4	2.96 V	287	52.1	2.5
PK.2	#5469.26	59.1 PK	68.2	-9.1	2.96 V	287	56.5	2.6
AV.1	5457.10	44.9 AV	54.0	-9.1	2.96 V	287	42.2	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.

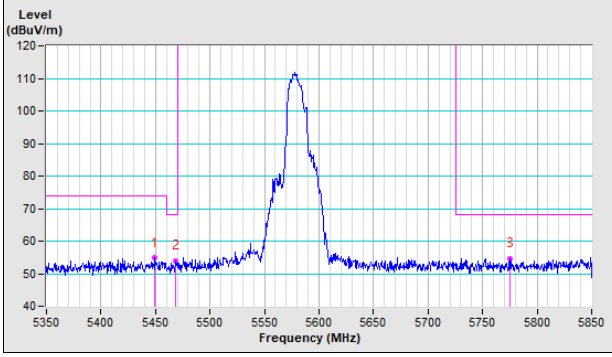
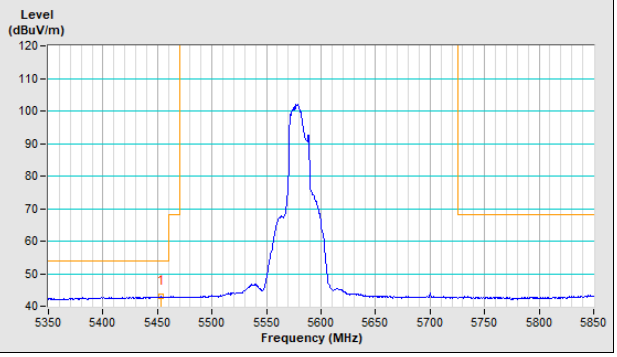
Peak	Average
	

CHANNEL	TX Channel 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	5449.64	54.8 PK	74.0	-19.2	1.02 H	360	52.1	2.7
PK.2	#5468.80	53.9 PK	68.2	-14.3	1.02 H	360	51.3	2.6
PK.3	#5774.84	54.7 PK	68.2	-13.5	1.02 H	360	51.7	3.0
AV.1	5453.70	43.0 AV	54.0	-11.0	1.02 H	360	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.

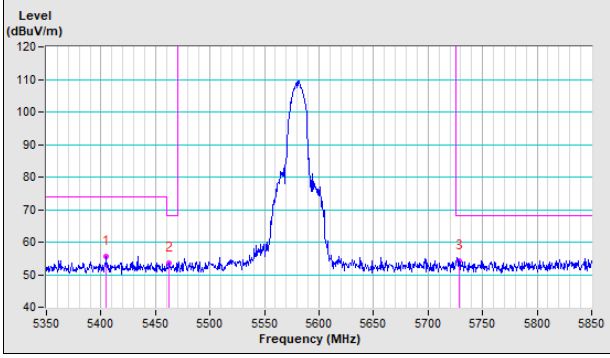
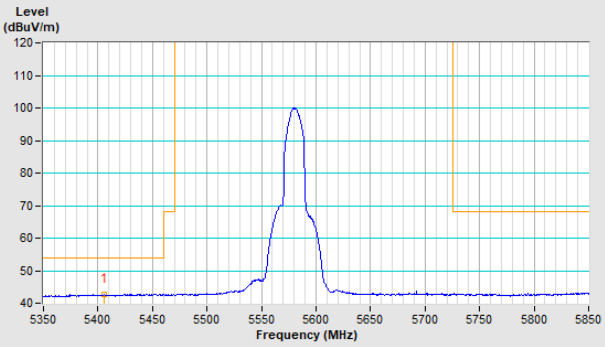
Peak	Average
	

CHANNEL	TX Channel 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	5404.70	55.6 PK	74.0	-18.4	2.92 V	289	53.1	2.5
PK.2	#5462.23	53.7 PK	68.2	-14.5	2.82 V	289	51.1	2.6
PK.3	#5729.01	54.2 PK	68.2	-14.0	2.82 V	289	51.3	2.9
AV.1	5405.40	42.8 AV	54.0	-11.2	2.92 V	289	40.3	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.

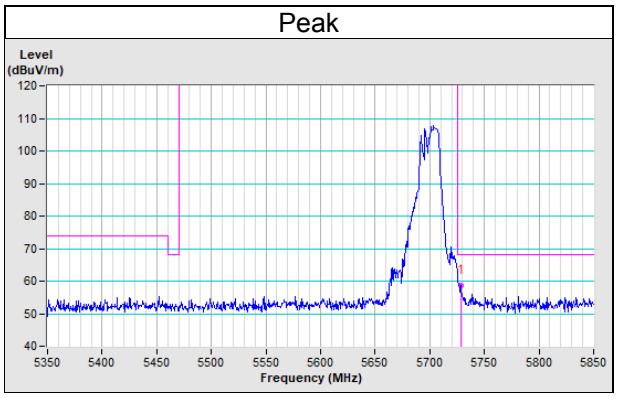
Peak	Average
	

CHANNEL	TX Channel 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	#5728.37	58.6 PK	68.2	-9.6	1.06 H	350	55.7	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.

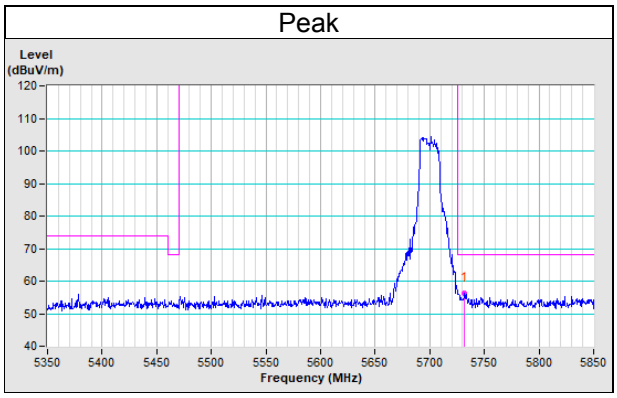


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

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	#5731.65	56.4 PK	68.2	-11.8	2.92 V	331	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.

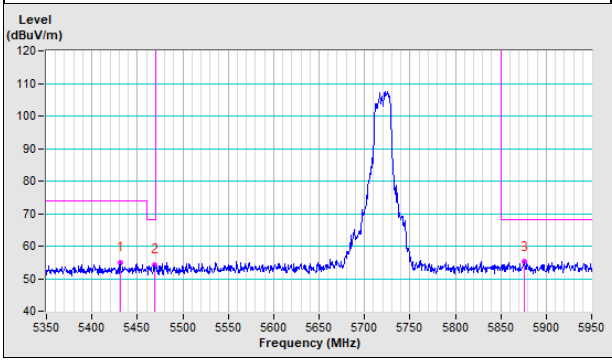
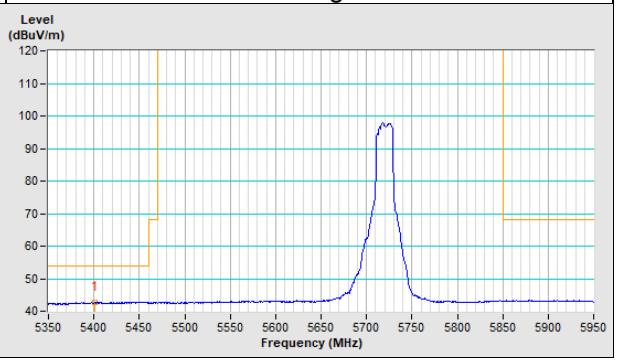


CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

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	5431.09	54.9 PK	74.0	-19.1	1.01 H	355	52.4	2.5
PK.2	#5468.85	54.4 PK	68.2	-13.8	1.01 H	355	51.8	2.6
PK.3	#5876.31	55.1 PK	68.2	-13.1	1.01 H	355	51.7	3.4
AV.1	5400.90	42.8 AV	54.0	-11.2	1.01 H	355	40.3	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.

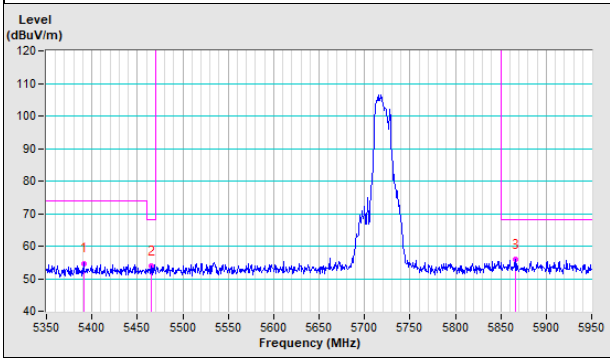
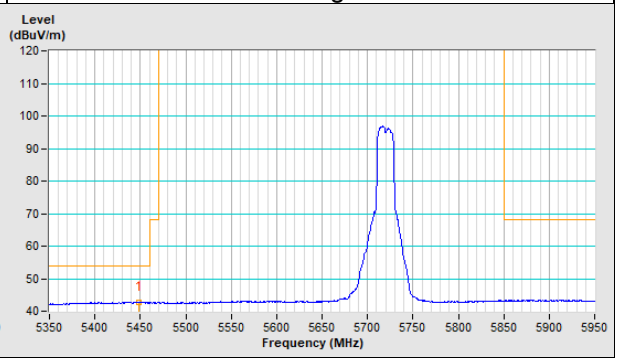
Peak	Average
	

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	5390.85	54.7 PK	74.0	-19.3	3.44 V	315	52.2	2.5
PK.2	#5465.12	53.8 PK	68.2	-14.4	3.44 V	315	51.2	2.6
PK.3	#5865.67	55.8 PK	68.2	-12.4	3.44 V	315	52.5	3.3
AV.1	5448.02	42.8 AV	54.0	-11.2	3.44 V	315	40.1	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.

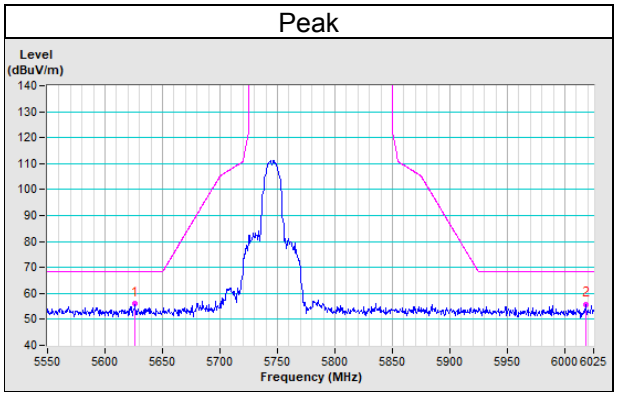
Peak	Average
	

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	#5626.05	55.9 PK	68.2	-12.3	1.27 H	186	53.1	2.8
PK.2	#6017.86	55.6 PK	68.2	-12.6	1.27 H	186	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.



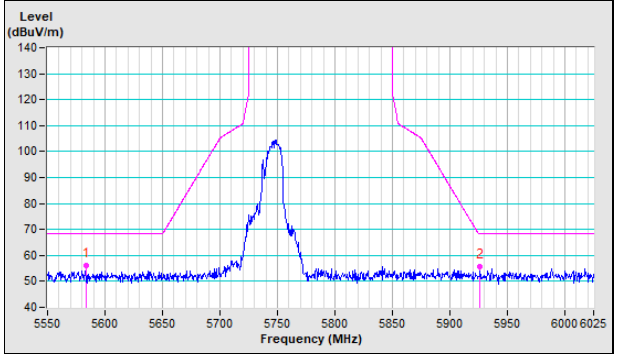
CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5583.90	56.1 PK	68.2	-12.1	2.66 V	327	53.3	2.8
PK.2	#5925.84	55.8 PK	68.2	-12.4	2.66 V	327	52.4	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

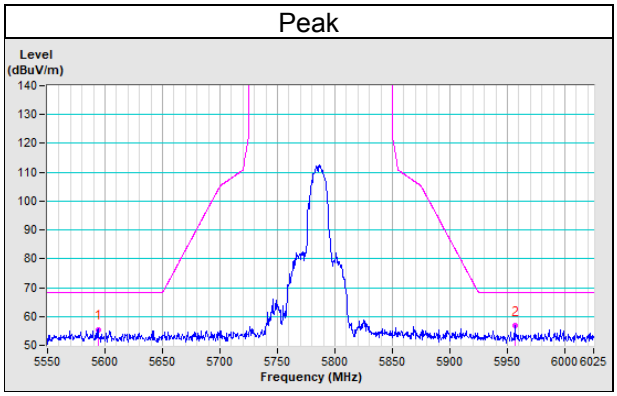


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5593.95	55.5 PK	68.2	-12.7	1.30 H	184	52.7	2.8
PK.2	#5956.27	56.8 PK	68.2	-11.4	1.30 H	184	53.6	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.



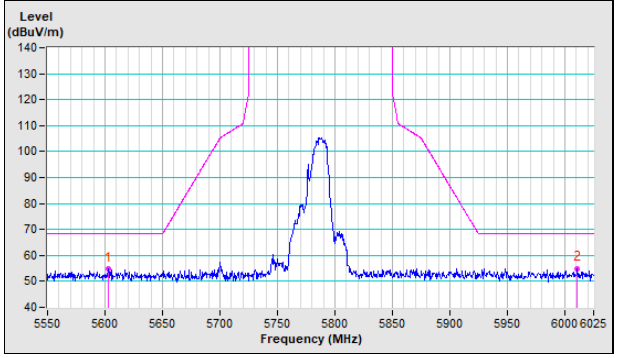
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5602.75	54.7 PK	68.2	-13.5	2.74 V	337	51.9	2.8
PK.2	#6010.98	54.8 PK	68.2	-13.4	2.74 V	337	51.6	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

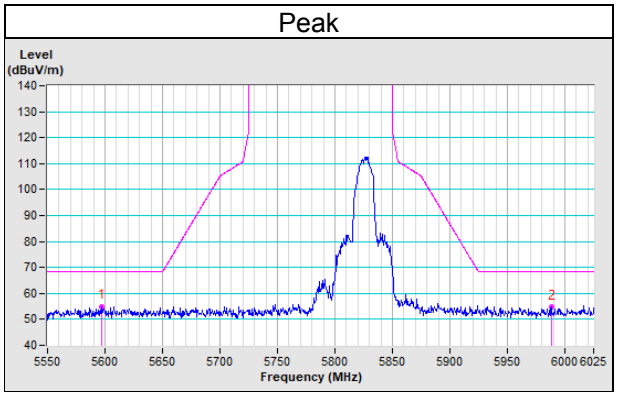


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5596.68	54.9 PK	68.2	-13.3	1.29 H	184	52.1	2.8
PK.2	#5987.99	54.7 PK	68.2	-13.5	1.29 H	184	51.5	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.



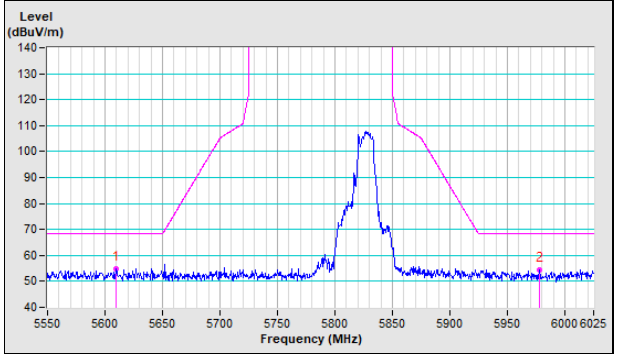
CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5609.81	54.9 PK	68.2	-13.3	2.82 V	305	52.1	2.8
PK.2	#5977.90	54.5 PK	68.2	-13.7	2.82 V	305	51.3	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



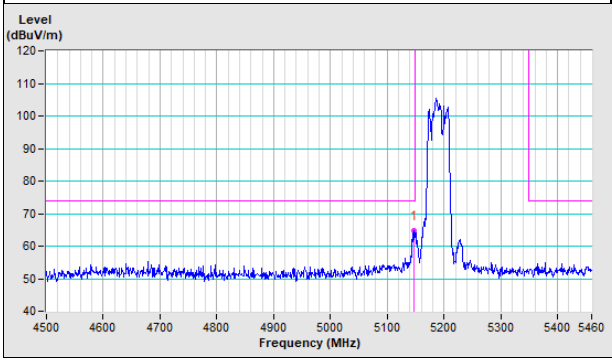
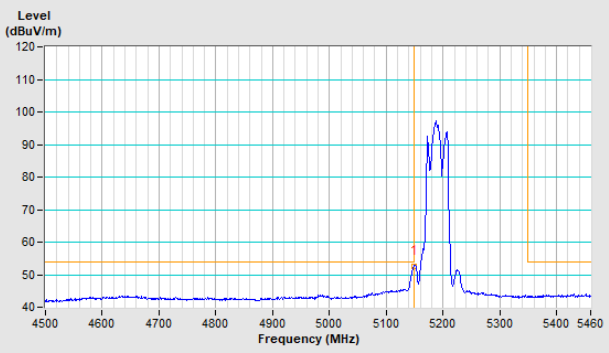
802.11ac (VHT40)

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	5146.66	64.6 PK	74.0	-9.4	1.51 H	344	62.0	2.6
AV.1	**5149.03**	**52.5 AV**	**54.0**	**-1.5**	**1.51 H**	**344**	**49.9**	**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

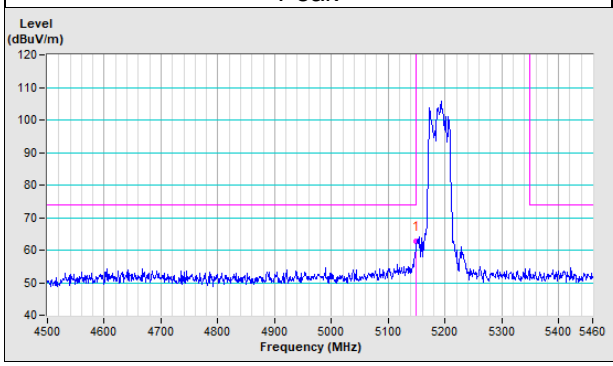
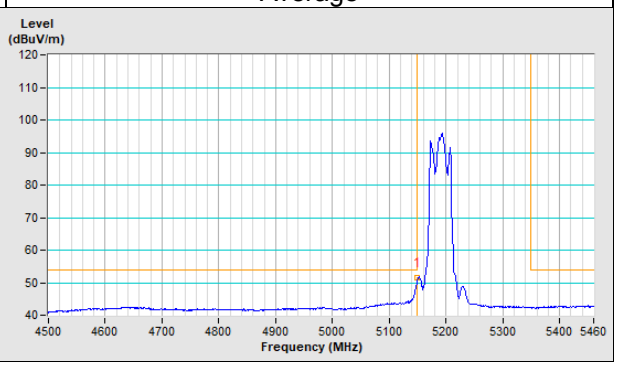
Peak	Average
	

CHANNEL	TX Channel 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	5150.00	62.6 PK	74.0	-11.4	3.43 V	165	60.0	2.6
AV.1	5150.00	51.4 AV	54.0	-2.6	3.43 V	165	48.8	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

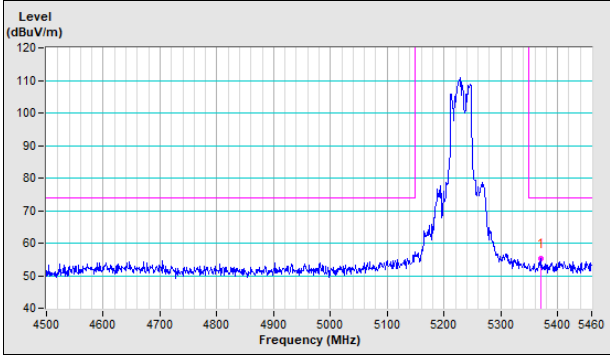
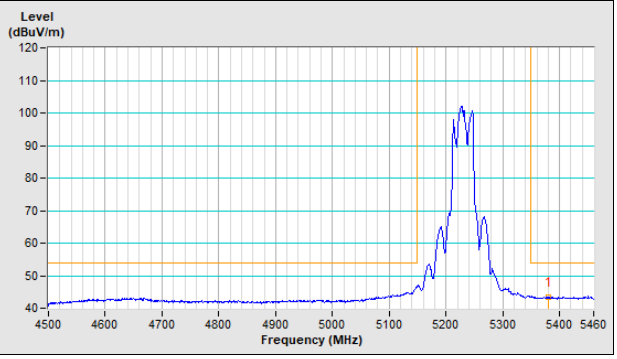
Peak	Average
	

CHANNEL	TX Channel 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	5370.58	55.1 PK	74.0	-18.9	1.22 H	341	52.7	2.4
AV.1	5379.82	43.3 AV	54.0	-10.7	1.22 H	341	40.9	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

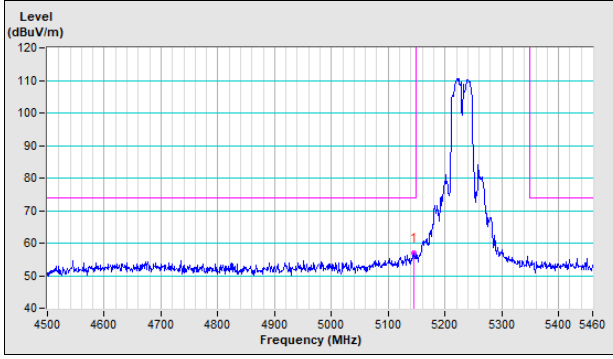
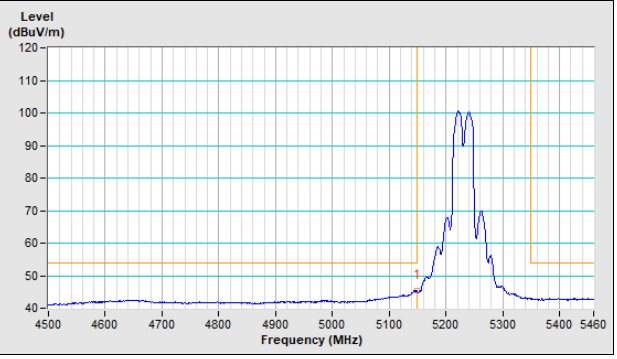
Peak	Average
	

CHANNEL	TX Channel 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	5145.72	56.8 PK	74.0	-17.2	3.37 V	162	54.2	2.6
AV.1	5150.00	45.4 AV	54.0	-8.6	3.37 V	162	42.8	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

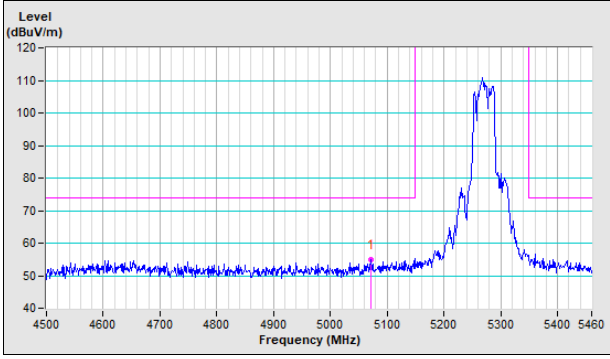
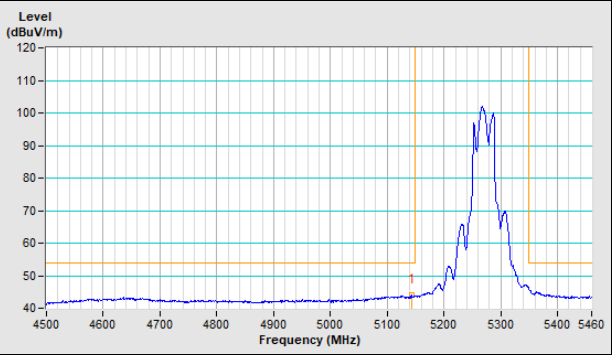
Peak	Average
	

CHANNEL	TX Channel 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	5071.68	54.8 PK	74.0	-19.2	1.22 H	346	52.4	2.4
AV.1	5142.62	44.0 AV	54.0	-10.0	1.22 H	346	41.4	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

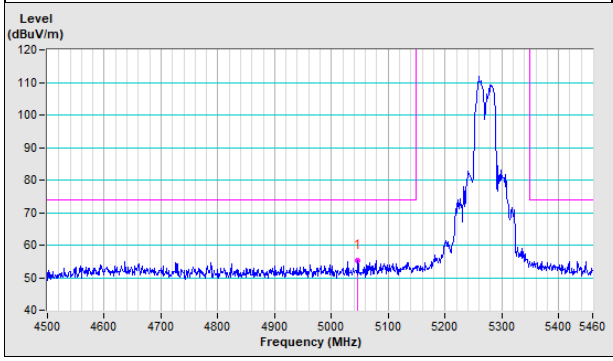
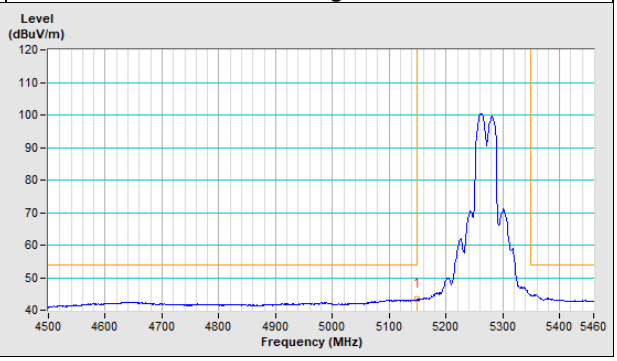
Peak	Average
	

CHANNEL	TX Channel 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	5046.41	55.4 PK	74.0	-18.6	3.40 V	166	53.3	2.1
AV.1	5149.75	43.4 AV	54.0	-10.6	3.40 V	166	40.8	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

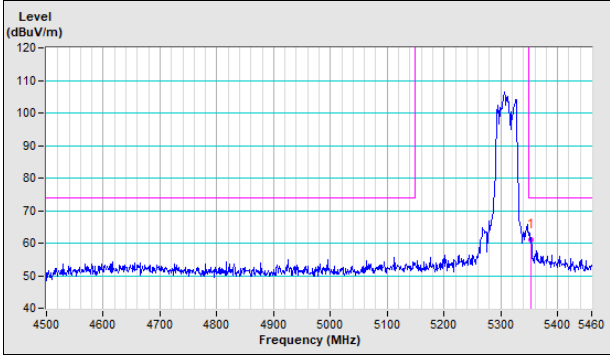
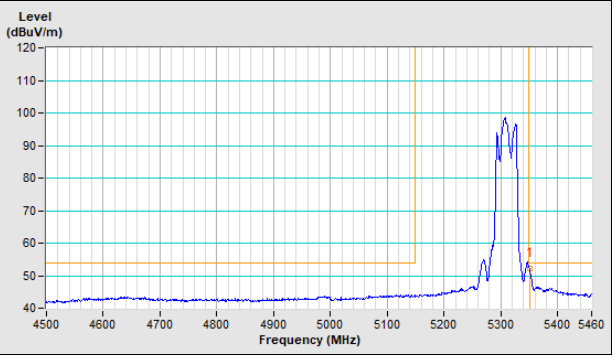
Peak	Average
	

CHANNEL	TX Channel 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	5353.03	61.1 PK	74.0	-12.9	1.16 H	340	58.8	2.3
AV.1	5351.06	52.2 AV	54.0	-1.8	1.16 H	340	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

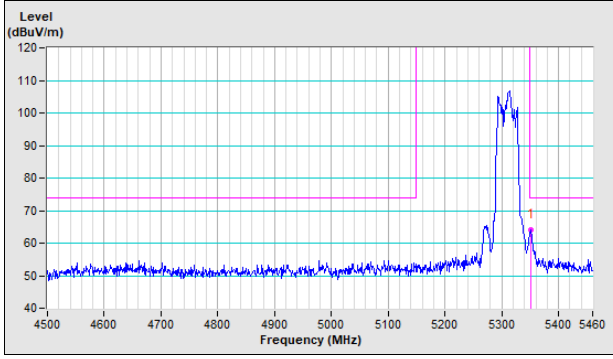
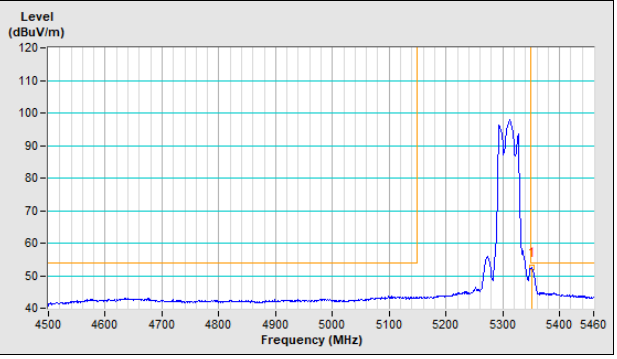
Peak	Average
	

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	5350.63	64.0 PK	74.0	-10.0	3.37 V	161	61.7	2.3
AV.1	5350.78	52.4 AV	54.0	-1.6	3.37 V	161	50.1	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

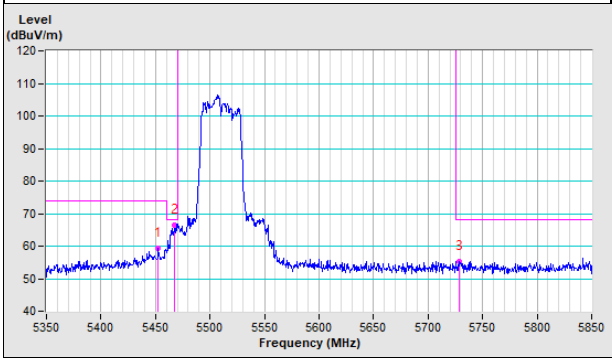
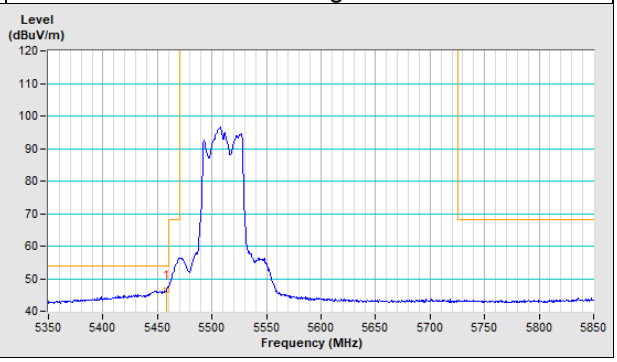
Peak	Average
	

CHANNEL	TX Channel 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	5452.11	59.3 PK	74.0	-14.7	1.06 H	351	56.6	2.7
PK.2	#5467.91	66.6 PK	68.2	-1.6	1.06 H	351	64.0	2.6
PK.3	#5728.51	55.4 PK	68.2	-12.8	1.06 H	351	52.5	2.9
AV.1	5457.91	46.3 AV	54.0	-7.7	1.06 H	351	43.6	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.

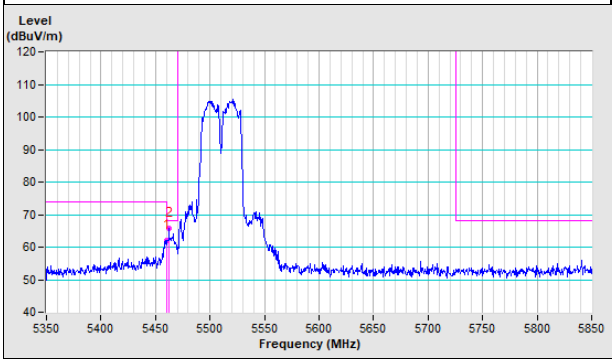
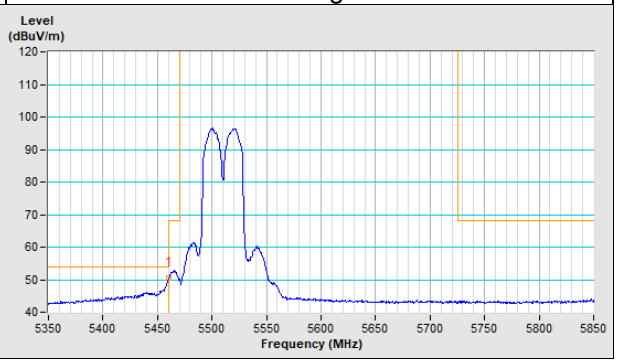
Peak	Average
	

CHANNEL	TX Channel 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	5460.00	62.1 PK	74.0	-11.9	2.94 V	166	59.5	2.6
PK.2	#5462.10	65.7 PK	68.2	-2.5	2.94 V	166	63.1	2.6
AV.1	5460.00	50.6 AV	54.0	-3.4	2.94 V	166	48.0	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.

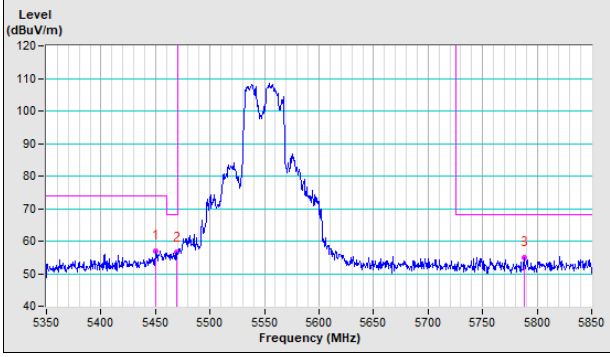
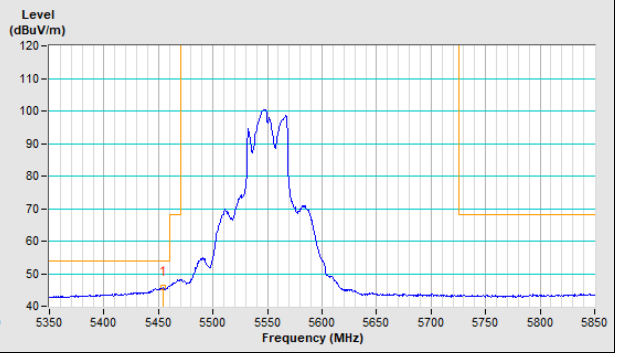
Peak	Average
	

CHANNEL	TX Channel 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	5449.91	57.1 PK	74.0	-16.9	1.06 H	351	54.4	2.7
PK.2	#5469.81	56.5 PK	68.2	-11.7	1.06 H	351	53.9	2.6
PK.3	#5787.80	54.9 PK	68.2	-13.3	1.06 H	351	51.9	3.0
AV.1	5453.87	45.8 AV	54.0	-8.2	1.06 H	351	43.1	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.

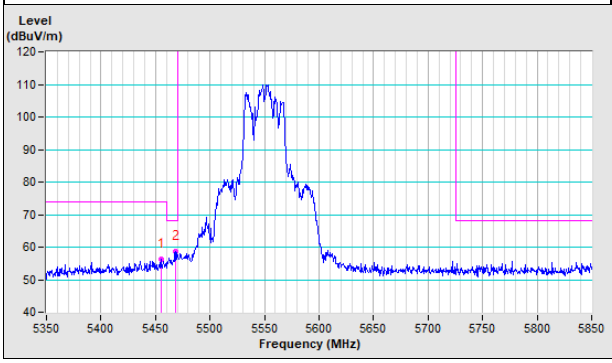
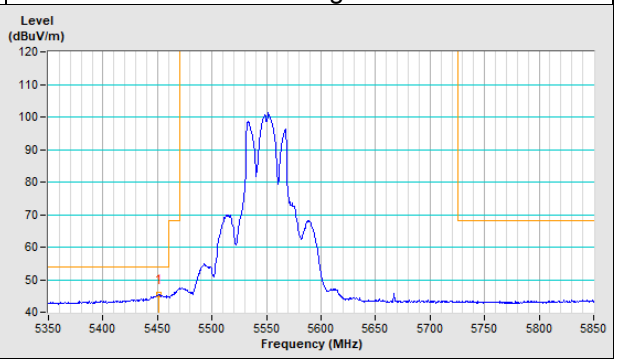
Peak	Average
	

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

ANTENNA POLARITY & TEST DISTANCE: 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	5455.35	56.3 PK	74.0	-17.7	2.95 V	156	53.6	2.7
PK.2	#5468.57	58.7 PK	68.2	-9.5	2.95 V	156	56.1	2.6
AV.1	5451.23	45.3 AV	54.0	-8.7	2.95 V	156	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.

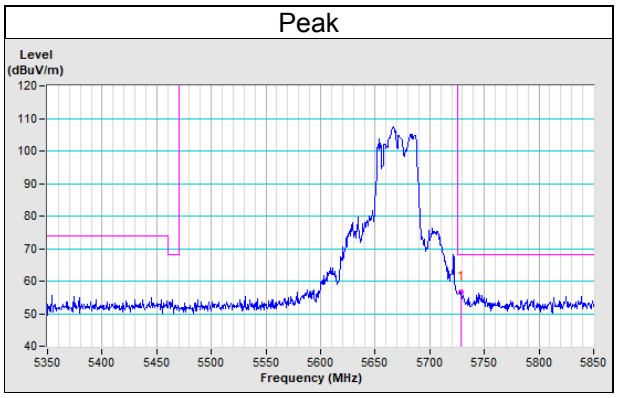
Peak	Average
	

CHANNEL	TX Channel 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	#5728.41	56.7 PK	68.2	-11.5	1.03 H	360	53.8	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.

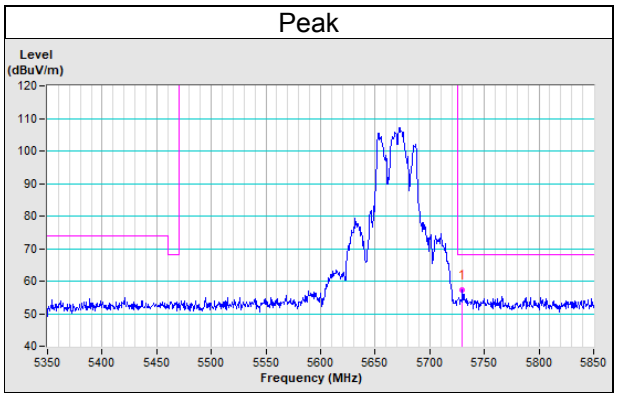


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5350MHz ~ 5850MHz		

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	#5729.64	57.2 PK	68.2	-11.0	2.91 V	165	54.3	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.

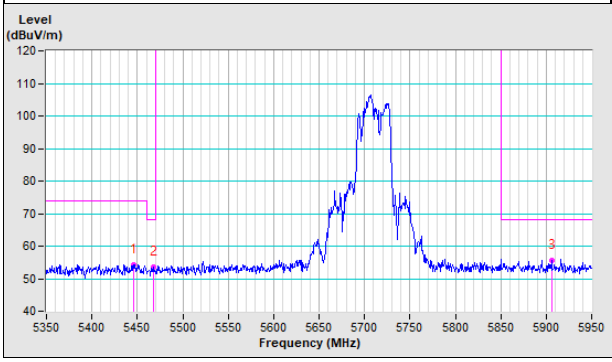
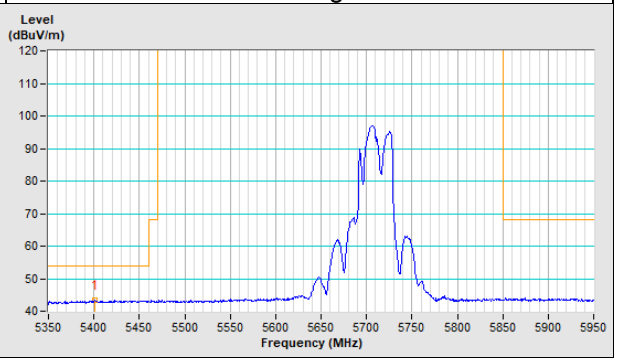


CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	5350MHz ~ 5950MHz		

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	5445.41	54.3 PK	74.0	-19.7	1.21 H	341	51.6	2.7
PK.2	#5467.35	53.6 PK	68.2	-14.6	1.21 H	341	51.0	2.6
PK.3	#5906.14	55.6 PK	68.2	-12.6	1.21 H	341	52.2	3.4
AV.1	5400.97	43.3 AV	54.0	-10.7	1.21 H	341	40.8	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.

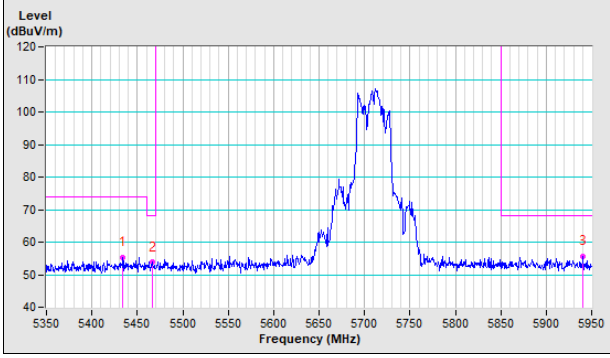
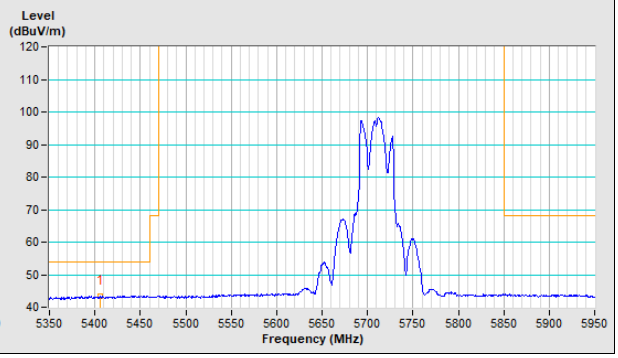
Peak	Average
	

CHANNEL	TX Channel 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	5434.12	55.4 PK	74.0	-18.6	2.79 V	156	52.9	2.5
PK.2	#5466.39	53.8 PK	68.2	-14.4	2.79 V	156	51.2	2.6
PK.3	#5940.56	55.6 PK	68.2	-12.6	2.79 V	156	52.3	3.3
AV.1	5405.55	43.5 AV	54.0	-10.5	2.79 V	156	41.0	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.

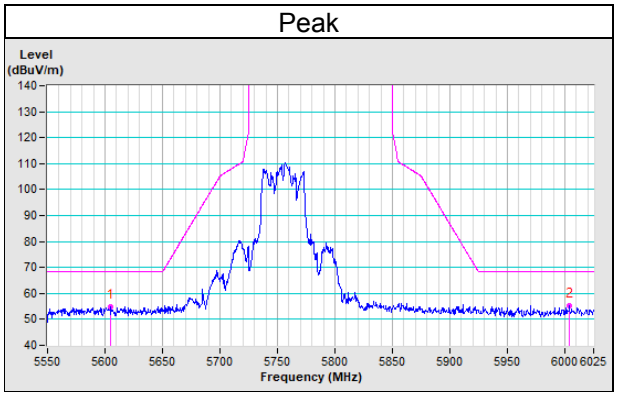
Peak	Average
	

CHANNEL	TX Channel 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	#5604.86	55.0 PK	68.2	-13.2	1.11 H	186	52.2	2.8
PK.2	#6003.73	55.3 PK	68.2	-12.9	1.11 H	186	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.



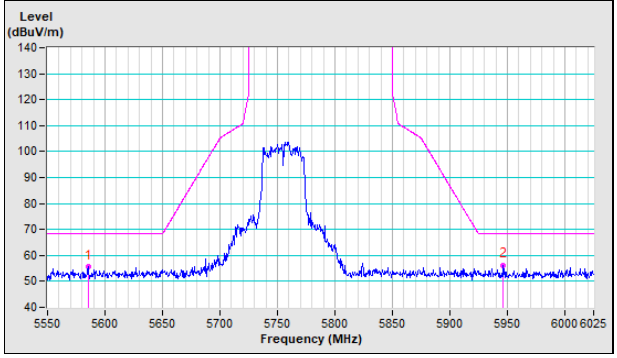
CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5585.42	55.5 PK	68.2	-12.7	3.42 V	283	52.7	2.8
PK.2	#5945.73	56.0 PK	68.2	-12.2	3.42 V	283	52.8	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.

Peak

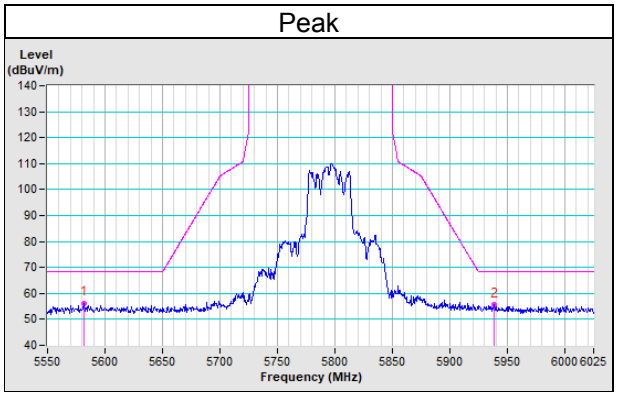


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5581.82	56.0 PK	68.2	-12.2	1.09 H	185	53.2	2.8
PK.2	#5938.72	55.5 PK	68.2	-12.7	1.09 H	185	52.1	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.



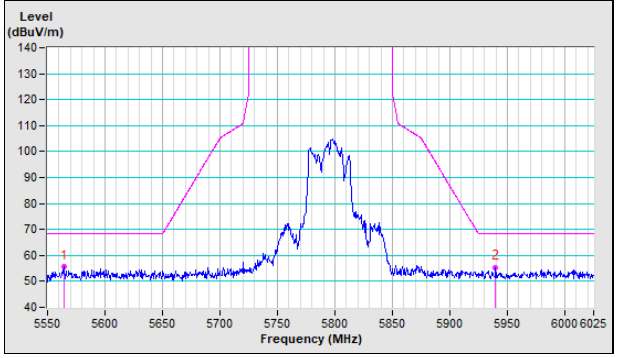
CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5564.19	55.5 PK	68.2	-12.7	3.46 V	295	52.7	2.8
PK.2	#5939.67	55.3 PK	68.2	-12.9	3.46 V	295	51.9	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



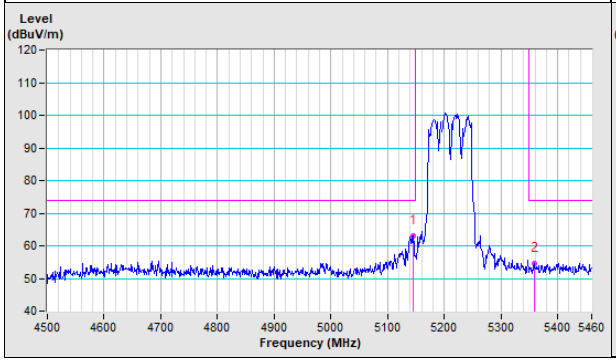
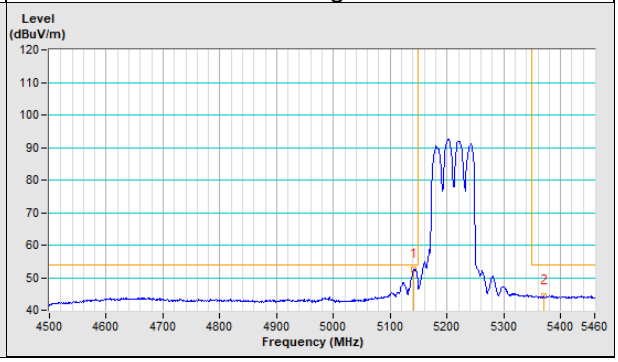
802.11ac (VHT80)

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	5145.67	63.0 PK	74.0	-11.0	1.40 H	229	60.4	2.6
PK.2	5358.14	54.7 PK	74.0	-19.3	1.40 H	229	52.3	2.4
AV.1	**5142.00**	**52.5 AV**	**54.0**	**-1.5**	**1.40 H**	**229**	**49.9**	**2.6**
AV.2	5369.95	44.5 AV	54.0	-9.5	1.40 H	229	42.1	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

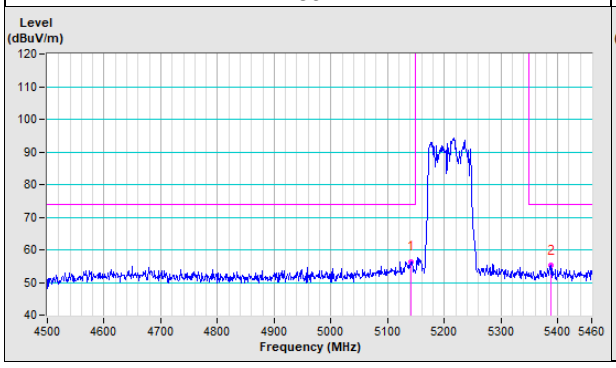
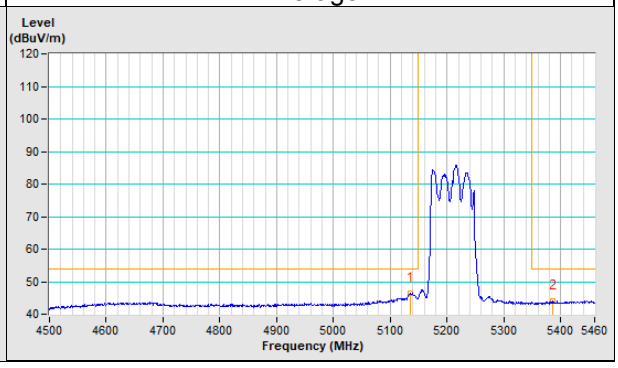
Peak	Average
	

CHANNEL	TX Channel 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	5141.28	56.4 PK	74.0	-17.6	1.00 V	284	53.8	2.6
PK.2	5388.26	55.1 PK	74.0	-18.9	1.12 V	284	52.6	2.5
AV.1	5135.11	46.5 AV	54.0	-7.5	1.12 V	284	43.9	2.6
AV.2	5385.79	44.1 AV	54.0	-9.9	1.12 V	284	41.7	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

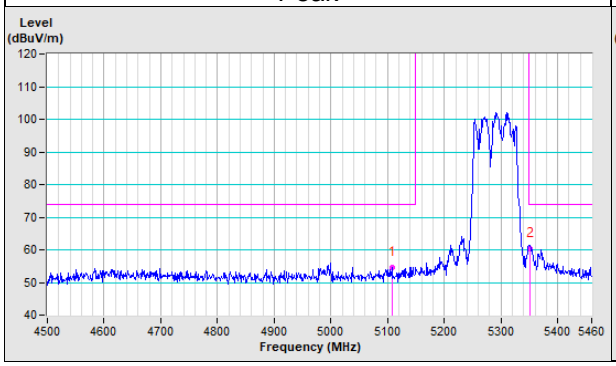
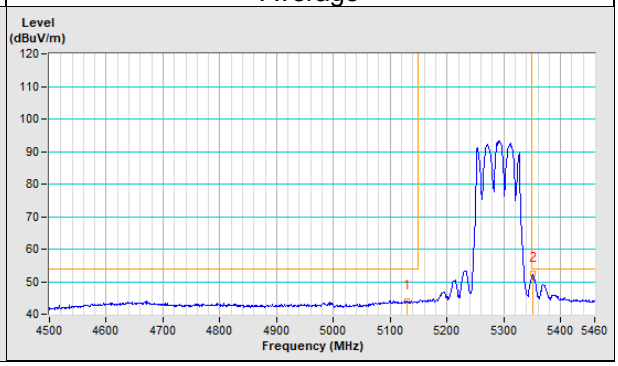
Peak	Average
	

CHANNEL	TX Channel 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	5108.11	54.6 PK	74.0	-19.4	N/A H	N/A	51.9	2.7
PK.2	5351.66	60.4 PK	74.0	-13.6	1.16 H	228	58.1	2.3
AV.1	5130.02	44.1 AV	54.0	-9.9	1.16 H	228	41.4	2.7
AV.2	**5350.30**	**52.5 AV**	**54.0**	**-1.5**	**1.16 H**	**228**	**50.2**	**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

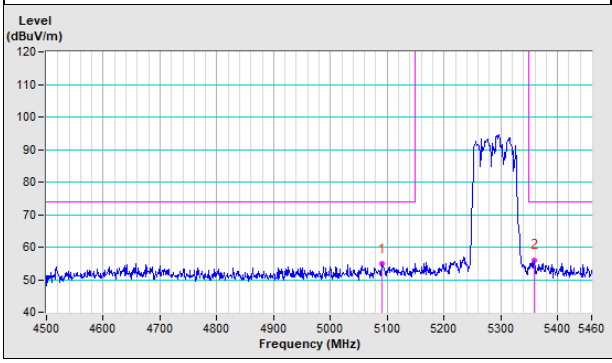
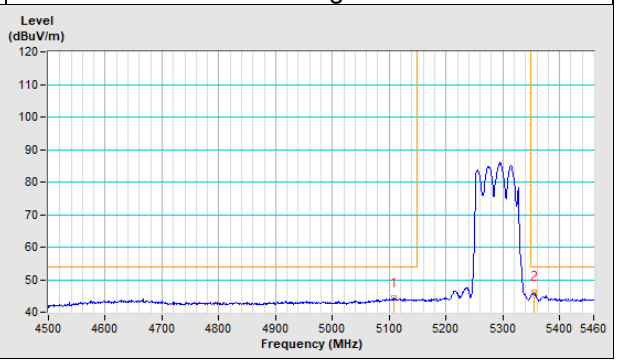
Peak	Average
	

CHANNEL	TX Channel 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	5091.41	54.8 PK	74.0	-19.2	1.18 V	296	52.2	2.6
PK.2	5358.72	56.0 PK	74.0	-18.0	1.18 V	296	53.6	2.4
AV.1	5108.71	44.3 AV	54.0	-9.7	1.18 V	296	41.6	2.7
AV.2	5355.48	46.1 AV	54.0	-7.9	1.18 V	296	43.7	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

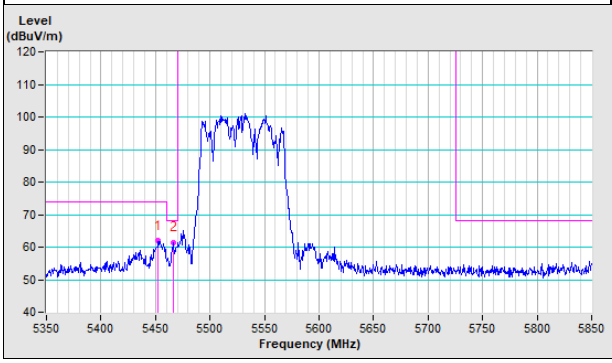
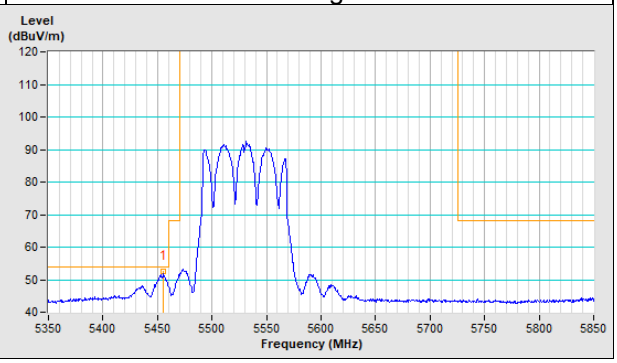
Peak	Average
	

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	5452.18	61.9 PK	74.0	-12.1	1.23 H	229	59.2	2.7
PK.2	#5465.99	61.4 PK	68.2	-6.8	1.23 H	229	58.8	2.6
AV.1	**5455.06**	**52.5 AV**	**54.0**	**-1.5**	**1.23 H**	**229**	**49.8**	**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.

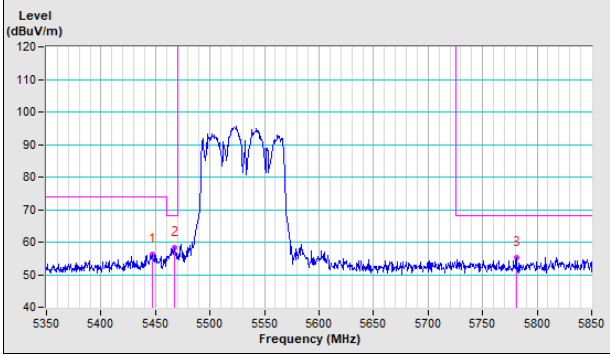
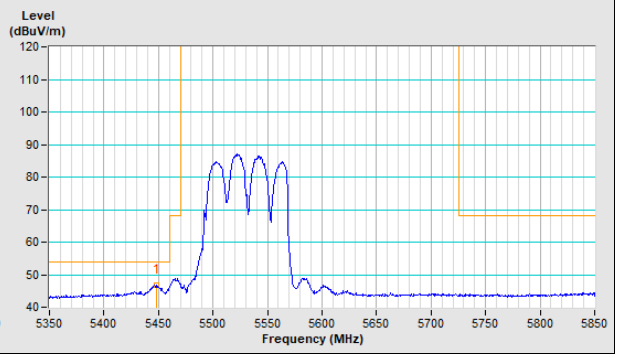
Peak	Average
	

CHANNEL	TX Channel 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	5447.59	56.2 PK	74.0	-17.8	1.11 V	294	53.5	2.7
PK.2	#5467.37	58.3 PK	68.2	-9.9	1.11 V	294	55.7	2.6
PK.3	#5780.71	55.3 PK	68.2	-12.9	1.11 V	294	52.2	3.1
AV.1	5448.20	46.8 AV	54.0	-7.2	1.11 V	294	44.1	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.

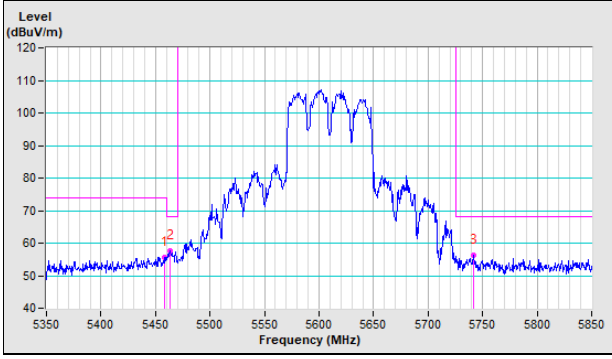
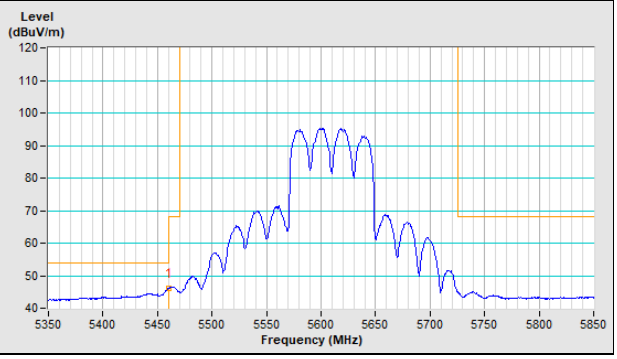
Peak	Average
	

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)
PK.1	5458.00	55.6 PK	74.0	-18.4	1.26 H	200	52.9	2.7
PK.2	#5463.44	57.6 PK	68.2	-10.6	1.26 H	200	55.0	2.6
PK.3	#5741.64	56.2 PK	68.2	-12.0	1.26 H	200	53.3	2.9
AV.1	5460.00	46.0 AV	54.0	-8.0	1.26 H	200	43.4	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
5. " # ": The radiated frequency is out of the restricted band.

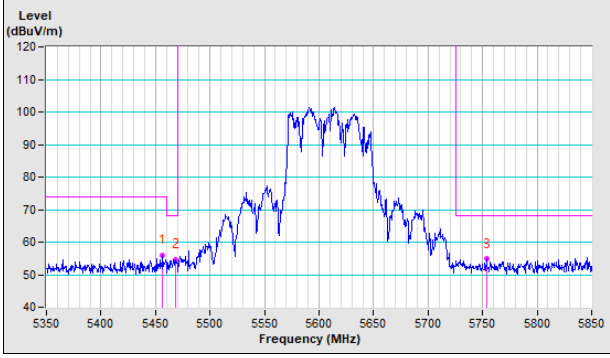
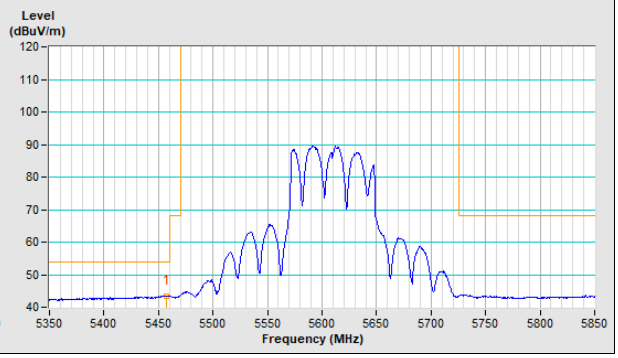
Peak	Average
	

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)
PK.1	5456.46	56.0 PK	74.0	-18.0	1.14 V	291	53.3	2.7
PK.2	#5468.30	54.5 PK	68.2	-13.7	1.14 V	291	51.9	2.6
PK.3	#5753.43	54.8 PK	68.2	-13.4	1.14 V	291	51.9	2.9
AV.1	5456.90	43.5 AV	54.0	-10.5	1.14 V	291	40.8	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.

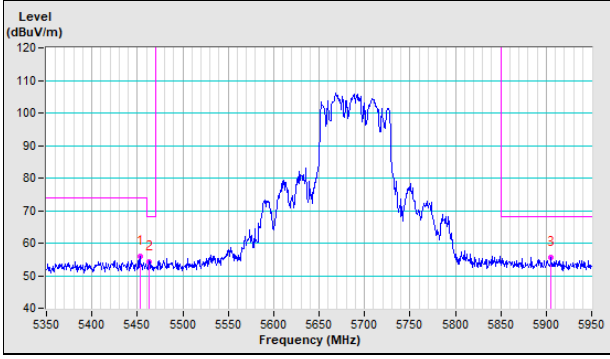
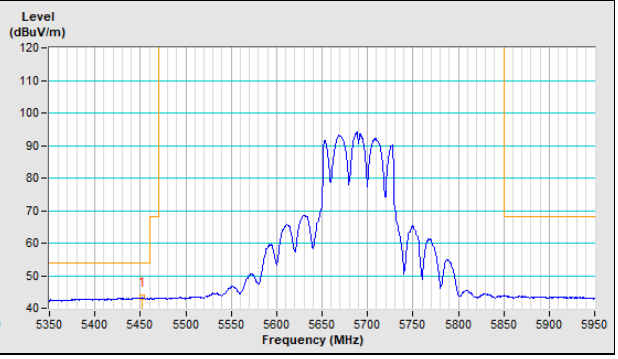
Peak	Average
	

CHANNEL	TX Channel 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	5453.12	56.0 PK	74.0	-18.0	1.26 H	206	53.3	2.7
PK.2	#5463.01	54.4 PK	68.2	-13.8	1.26 H	206	51.8	2.6
PK.3	#5905.60	55.7 PK	68.2	-12.5	1.26 H	206	52.3	3.4
AV.1	5451.61	43.3 AV	54.0	-10.7	1.26 H	206	40.6	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.

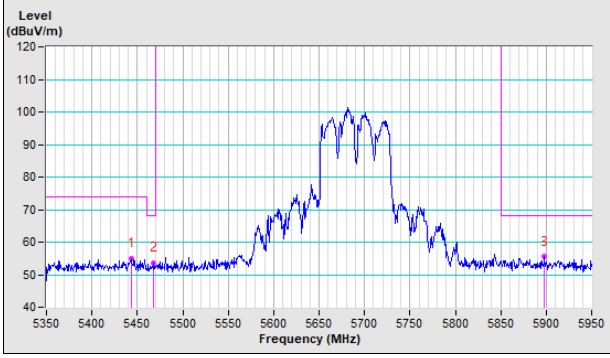
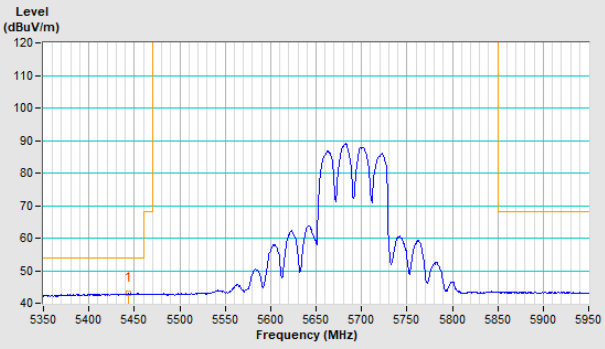
Peak	Average
	

CHANNEL	TX Channel 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	5442.97	54.9 PK	74.0	-19.1	1.18 V	290	52.2	2.7
PK.2	#5468.32	53.5 PK	68.2	-14.7	1.18 V	290	50.9	2.6
PK.3	#5897.76	55.5 PK	68.2	-12.7	1.18 V	290	52.1	3.4
AV.1	5443.96	43.0 AV	54.0	-11.0	1.18 V	290	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.

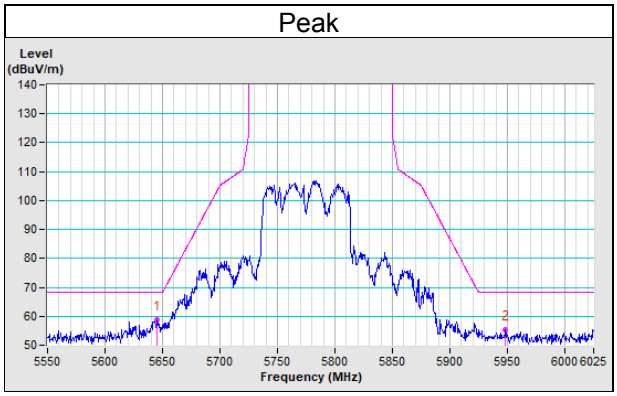
Peak	Average
	

CHANNEL	TX Channel 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	#5645.36	58.7 PK	68.2	-9.5	1.10 H	275	56.0	2.7
PK.2	#5948.34	55.2 PK	68.2	-13.0	1.10 H	275	52.0	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.



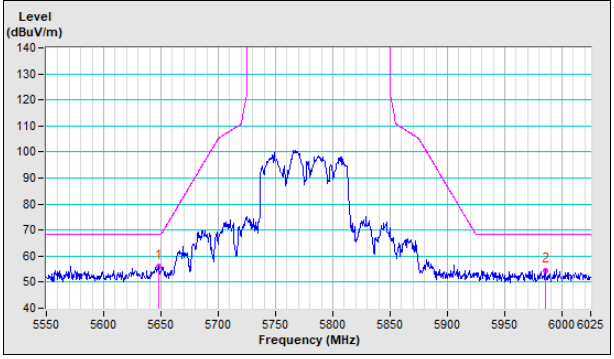
CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	5550MHz ~ 6025MHz		

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	#5648.10	55.9 PK	68.2	-12.3	1.19 V	288	53.2	2.7
PK.2	#5985.36	54.6 PK	68.2	-13.6	1.19 V	288	51.4	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.

Peak



4.1.9 Test Results for below 1GHz

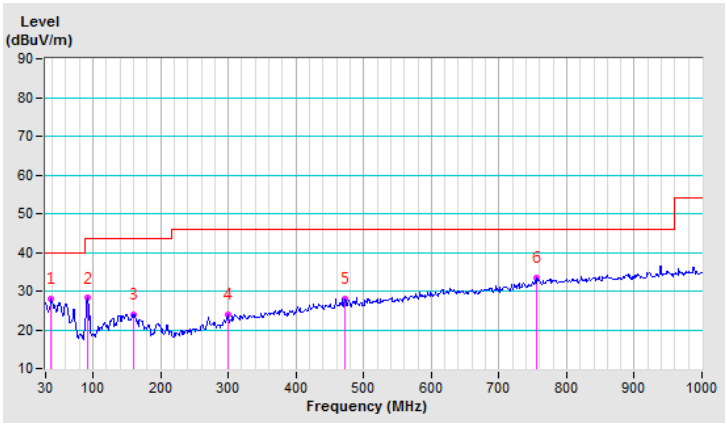
802.11a

CHANNEL	TX Channel 116	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	37.76	28.0 PK	40.0	-12.0	2.50 H	178	36.5	-8.5
2	92.08	28.2 PK	43.5	-15.3	3.00 H	204	41.7	-13.5
3	159.01	24.0 PK	43.5	-19.5	2.00 H	115	31.7	-7.7
4	298.69	24.0 PK	46.0	-22.0	2.00 H	310	31.0	-7.0
5	472.32	27.9 PK	46.0	-18.1	1.50 H	171	30.5	-2.6
6	754.59	33.4 PK	46.0	-12.6	1.00 H	224	30.1	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 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

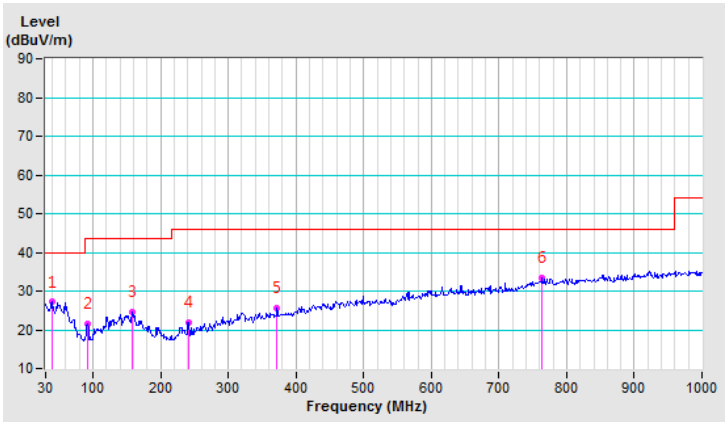


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	38.73	27.2 PK	40.0	-12.8	1.00 V	228	35.7	-8.5
2	92.08	21.5 PK	43.5	-22.0	1.50 V	243	35.0	-13.5
3	158.04	24.6 PK	43.5	-18.9	1.00 V	36	32.2	-7.6
4	240.49	21.9 PK	46.0	-24.1	1.50 V	179	31.2	-9.3
5	371.44	25.6 PK	46.0	-20.4	2.00 V	306	30.7	-5.1
6	763.32	33.4 PK	46.0	-12.6	2.00 V	258	29.9	3.5

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 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.

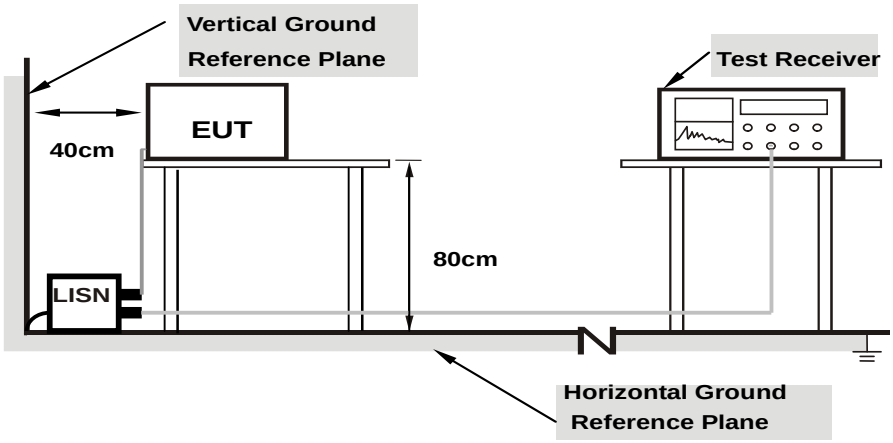
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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:

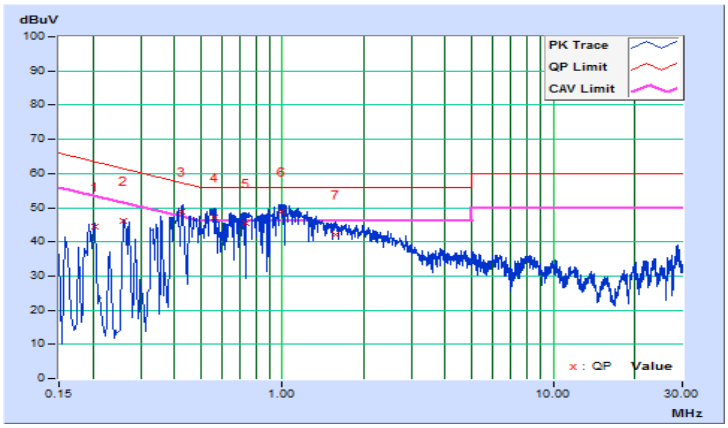
802.11a

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	0.20297	9.72	34.62	20.28	44.34	30.00	63.49	53.49	-19.15	-23.49
2	0.26001	9.73	36.47	18.46	46.20	28.19	61.43	51.43	-15.23	-23.24
3	0.42782	9.75	39.08	20.07	48.83	29.82	57.29	47.29	-8.46	-17.47
4	0.56567	9.73	37.38	19.70	47.11	29.43	56.00	46.00	-8.89	-16.57
5	0.73650	9.71	35.71	13.62	45.42	23.33	56.00	46.00	-10.58	-22.67
6	**1.00238**	**9.68**	**39.10**	**20.69**	**48.78**	**30.37**	**56.00**	**46.00**	**-7.22**	**-15.63**
7	1.58068	9.71	32.30	17.83	42.01	27.54	56.00	46.00	-13.99	-18.46

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.

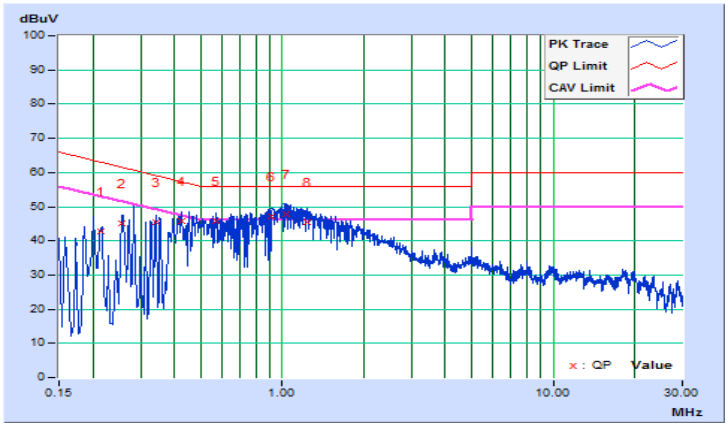


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

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	0.21508	9.73	33.05	15.78	42.78	25.51	63.01	53.01	-20.23	-27.50
2	0.25593	9.74	35.48	16.90	45.22	26.64	61.56	51.56	-16.34	-24.92
3	0.34159	9.74	35.71	15.38	45.45	25.12	59.16	49.16	-13.71	-24.04
4	0.42445	9.75	36.10	20.82	45.85	30.57	57.36	47.36	-11.51	-16.79
5	0.56837	9.74	36.06	20.42	45.80	30.16	56.00	46.00	-10.20	-15.84
6	0.91636	9.72	37.33	20.88	47.05	30.60	56.00	46.00	-8.95	-15.40
7	1.02975	9.72	37.97	22.33	47.69	32.05	56.00	46.00	-8.31	-13.95
8	1.23715	9.72	35.74	20.41	45.46	30.13	56.00	46.00	-10.54	-15.87

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

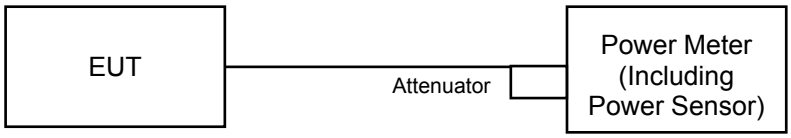
Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

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 $N_{ANT} \geq 5$.

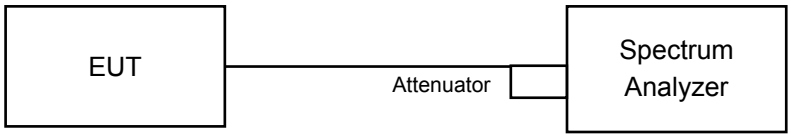
For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

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

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

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	51.523	17.12	24.00	Pass
40	5200	54.325	17.35	24.00	Pass
48	5240	55.081	17.41	24.00	Pass
52	5260	52.602	17.21	24.00	Pass
60	5300	53.088	17.25	24.00	Pass
64	5320	53.211	17.26	24.00	Pass
100	5500	52.845	17.23	24.00	Pass
116	5580	52.845	17.23	24.00	Pass
140	5700	52.000	17.16	24.00	Pass
144	5720 (For U-NII-2C)	40.272	16.05	23.28	Pass
144	5720 (For U-NII-3)	6.607	8.20	30.00	Pass
149	5745	54.954	17.40	30.00	Pass
157	5785	53.580	17.29	30.00	Pass
165	5825	52.360	17.19	30.00	Pass

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

1. 11dBm + 10log (23.11) = 24.63 > 24dBm
2. 11dBm + 10log (22.44) = 24.51 > 24dBm
3. 11dBm + 10log (22.92) = 24.60 > 24dBm
4. 11dBm + 10log (24.31) = 24.85 > 24dBm
5. 11dBm + 10log (24.70) = 24.92 > 24dBm
6. 11dBm + 10log (24.75) = 24.93 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.06) = 23.28 < 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	54.576	17.37	24.00	Pass
52	5260	53.703	17.30	24.00	Pass
60	5300	55.335	17.43	24.00	Pass
64	5320	54.200	17.34	24.00	Pass
100	5500	55.590	17.45	24.00	Pass
116	5580	53.211	17.26	24.00	Pass
140	5700	53.580	17.29	24.00	Pass
144	5720 (For U-NII-2C)	33.189	15.21	23.29	Pass
144	5720 (For U-NII-3)	8.710	9.40	30.00	Pass
149	5745	54.702	17.38	30.00	Pass
157	5785	55.463	17.44	30.00	Pass
165	5825	53.703	17.30	30.00	Pass

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

1. 11dBm + 10log (24.30) = 24.85 > 24dBm
2. 11dBm + 10log (23.74) = 24.75 > 24dBm
3. 11dBm + 10log (23.92) = 24.78 > 24dBm
4. 11dBm + 10log (25.17) = 25.00 > 24dBm
5. 11dBm + 10log (25.79) = 25.11 > 24dBm
6. 11dBm + 10log (25.18) = 25.01 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.04) = 23.29 < 24dBm

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	14.723	11.68	24.00	Pass
46	5230	52.602	17.21	24.00	Pass
54	5270	26.915	14.30	24.00	Pass
62	5310	23.014	13.62	24.00	Pass
102	5510	21.330	13.29	24.00	Pass
110	5550	52.966	17.24	24.00	Pass
134	5670	53.827	17.31	24.00	Pass
142	5710 (For U-NII-2C)	34.514	15.38	24.00	Pass
142	5710 (For U-NII-3)	3.266	5.14	30.00	Pass
151	5755	52.119	17.17	30.00	Pass
159	5795	53.580	17.29	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (42.08) = 27.24 > 24dBm
2. 11dBm + 10log (42.15) = 27.24 > 24dBm
3. 11dBm + 10log (42.07) = 27.23 > 24dBm
4. 11dBm + 10log (42.00) = 27.23 > 24dBm
5. 11dBm + 10log (50.12) = 28.00 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.75) = 26.59 > 24dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	11.117	10.46	24.00	Pass
58	5290	11.455	10.59	24.00	Pass
106	5530	9.268	9.67	24.00	Pass
122	5610	51.404	17.11	24.00	Pass
138	5690 (For U-NII-2C)	25.293	14.03	24.00	Pass
138	5690 (For U-NII-3)	1.047	0.20	30.00	Pass
155	5775	53.333	17.27	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (84.14) = 30.25 > 24dBm
2. 11dBm + 10log (84.42) = 30.26 > 24dBm
3. 11dBm + 10log (88.58) = 30.47 > 24dBm
4. 11dBm + 10log (5725.00 - 5640.91) = 30.25 > 24dBm

Ant. 1 (SISO)

802.11a

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	52.966	17.24	24.00	Pass
40	5200	53.211	17.26	24.00	Pass
48	5240	53.580	17.29	24.00	Pass
52	5260	53.333	17.27	24.00	Pass
60	5300	54.702	17.38	24.00	Pass
64	5320	54.075	17.33	24.00	Pass
100	5500	53.211	17.26	24.00	Pass
116	5580	55.081	17.41	24.00	Pass
140	5700	55.335	17.43	24.00	Pass
144	5720 (For U-NII-2C)	29.854	14.75	23.29	Pass
144	5720 (For U-NII-3)	4.406	6.44	30.00	Pass
149	5745	53.951	17.32	30.00	Pass
157	5785	54.200	17.34	30.00	Pass
165	5825	52.240	17.18	30.00	Pass

Note:

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

1. 11dBm + 10log (23.91) = 24.78 > 24dBm
2. 11dBm + 10log (23.81) = 24.76 > 24dBm
3. 11dBm + 10log (24.16) = 24.83 > 24dBm
4. 11dBm + 10log (24.16) = 24.83 > 24dBm
5. 11dBm + 10log (24.35) = 24.86 > 24dBm
6. 11dBm + 10log (24.40) = 24.87 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.04) = 23.29 < 24dBm

802.11ac (VHT20)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
36	5180	54.828	17.39	24.00	Pass
40	5200	54.450	17.36	24.00	Pass
48	5240	53.088	17.25	24.00	Pass
52	5260	53.333	17.27	24.00	Pass
60	5300	52.845	17.23	24.00	Pass
64	5320	53.211	17.26	24.00	Pass
100	5500	54.576	17.37	24.00	Pass
116	5580	54.200	17.34	24.00	Pass
140	5700	54.954	17.40	24.00	Pass
144	5720 (For U-NII-2C)	29.309	14.67	23.53	Pass
144	5720 (For U-NII-3)	5.821	7.65	30.00	Pass
149	5745	51.642	17.13	30.00	Pass
157	5785	54.828	17.39	30.00	Pass
165	5825	51.642	17.13	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (23.93) = 24.78 > 24dBm
2. 11dBm + 10log (24.95) = 24.97 > 24dBm
3. 11dBm + 10log (24.98) = 24.97 > 24dBm
4. 11dBm + 10log (24.88) = 24.95 > 24dBm
5. 11dBm + 10log (25.79) = 25.11 > 24dBm
6. 11dBm + 10log (25.61) = 25.08 > 24dBm
7. 11dBm + 10log (5725.00 - 5707.07) = 23.53 < 24dBm

802.11ac (VHT40)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
38	5190	13.274	11.23	24.00	Pass
46	5230	52.481	17.20	24.00	Pass
54	5270	53.456	17.28	24.00	Pass
62	5310	23.659	13.74	24.00	Pass
102	5510	20.654	13.15	24.00	Pass
110	5550	53.827	17.31	24.00	Pass
134	5670	53.703	17.30	24.00	Pass
142	5710 (For U-NII-2C)	23.823	13.77	24.00	Pass
142	5710 (For U-NII-3)	2.443	3.88	30.00	Pass
151	5755	51.404	17.11	30.00	Pass
159	5795	53.088	17.25	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (42.02) = 27.23 > 24dBm
2. 11dBm + 10log (42.06) = 27.23 > 24dBm
3. 11dBm + 10log (42.00) = 27.23 > 24dBm
4. 11dBm + 10log (42.11) = 27.24 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.83) = 26.58 > 24dBm

802.11ac (VHT80)

Chan.	Freq. (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass / Fail
42	5210	9.886	9.95	24.00	Pass
58	5290	11.246	10.51	24.00	Pass
106	5530	9.099	9.59	24.00	Pass
122	5610	51.523	17.12	24.00	Pass
138	5690 (For U-NII-2C)	19.679	12.94	24.00	Pass
138	5690 (For U-NII-3)	0.783	-1.06	30.00	Pass
155	5775	52.602	17.21	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
1. 11dBm + 10log (82.70) = 30.17 > 24dBm
2. 11dBm + 10log (83.63) = 30.22 > 24dBm
3. 11dBm + 10log (83.32) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.07) = 29.86 > 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	17.21	17.28	106.058	20.26	24.00	Pass
40	5200	17.37	17.31	108.403	20.35	24.00	Pass
48	5240	17.43	17.37	109.911	20.41	24.00	Pass
52	5260	17.26	17.36	107.661	20.32	24.00	Pass
60	5300	17.33	17.41	109.156	20.38	24.00	Pass
64	5320	17.28	17.43	108.791	20.37	24.00	Pass
100	5500	17.46	17.34	109.919	20.41	24.00	Pass
116	5580	17.47	17.47	**111.694**	20.48	24.00	Pass
140	5700	17.47	17.44	111.310	20.47	24.00	Pass
144	5720 (For U-NII-2C)	16.05	14.75	71.975	18.57	23.28	Pass
144	5720 (For U-NII-3)	8.20	6.44	11.303	10.53	30.00	Pass
149	5745	17.42	17.37	109.784	20.41	30.00	Pass
157	5785	17.30	17.38	108.405	20.35	30.00	Pass
165	5825	17.26	17.26	106.422	20.27	30.00	Pass

Note:

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

Chain 0

1. 11dBm + 10log (23.11) = 24.63 > 24dBm
2. 11dBm + 10log (22.44) = 24.51 > 24dBm
3. 11dBm + 10log (22.92) = 24.60 > 24dBm
4. 11dBm + 10log (24.31) = 24.85 > 24dBm
5. 11dBm + 10log (24.70) = 24.92 > 24dBm
6. 11dBm + 10log (24.75) = 24.93 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.06) = 23.28 < 24dBm

Chain 1

1. 11dBm + 10log (23.91) = 24.78 > 24dBm
2. 11dBm + 10log (23.81) = 24.76 > 24dBm
3. 11dBm + 10log (24.16) = 24.83 > 24dBm
4. 11dBm + 10log (24.16) = 24.83 > 24dBm
5. 11dBm + 10log (24.35) = 24.86 > 24dBm
6. 11dBm + 10log (24.40) = 24.87 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.04) = 23.29 < 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	17.52	17.37	**111.173**	20.46	24.00	Pass
40	5200	17.35	17.39	109.153	20.38	24.00	Pass
48	5240	17.42	17.32	109.159	20.38	24.00	Pass
52	5260	17.37	17.29	108.156	20.34	24.00	Pass
60	5300	17.48	17.31	**109.803**	20.41	24.00	Pass
64	5320	17.37	17.32	108.527	20.36	24.00	Pass
100	5500	17.52	17.41	111.575	20.48	24.00	Pass
116	5580	17.32	17.39	108.779	20.37	24.00	Pass
140	5700	17.34	17.48	110.176	20.42	24.00	Pass
144	5720 (For U-NII-2C)	15.21	14.67	63.870	18.05	23.29	Pass
144	5720 (For U-NII-3)	9.40	7.65	14.850	11.72	30.00	Pass
149	5745	17.32	17.20	106.432	20.27	30.00	Pass
157	5785	17.61	17.33	**111.686**	20.48	30.00	Pass
165	5825	17.34	17.21	106.802	20.29	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (24.30) = 24.85 > 24dBm
2. 11dBm + 10log (23.74) = 24.75 > 24dBm
3. 11dBm + 10log (23.92) = 24.78 > 24dBm
4. 11dBm + 10log (25.17) = 25.00 > 24dBm
5. 11dBm + 10log (25.79) = 25.11 > 24dBm
6. 11dBm + 10log (25.18) = 25.01 > 24dBm
7. 11dBm + 10log (5725.00 - 5708.04) = 23.29 < 24dBm

Chain 1
1. 11dBm + 10log (23.93) = 24.78 > 24dBm
2. 11dBm + 10log (24.95) = 24.97 > 24dBm
3. 11dBm + 10log (24.98) = 24.97 > 24dBm
4. 11dBm + 10log (24.88) = 24.95 > 24dBm
5. 11dBm + 10log (25.79) = 25.11 > 24dBm
6. 11dBm + 10log (25.61) = 25.08 > 24dBm
7. 11dBm + 10log (5725.00 - 5707.07) = 23.53 < 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	12.31	12.26	33.849	15.30	24.00	Pass
46	5230	17.24	17.43	108.301	20.35	24.00	Pass
54	5270	17.39	17.33	108.903	20.37	24.00	Pass
62	5310	13.71	13.75	47.210	16.74	24.00	Pass
102	5510	13.28	13.20	42.174	16.25	24.00	Pass
110	5550	17.32	17.35	108.276	20.35	24.00	Pass
134	5670	17.34	17.35	108.525	20.36	24.00	Pass
142	5710 (For U-NII-2C)	15.38	13.77	60.871	17.84	24.00	Pass
142	5710 (For U-NII-3)	5.14	3.88	5.957	7.75	30.00	Pass
151	5755	17.12	17.67	110.002	20.41	30.00	Pass
159	5795	17.17	17.38	106.821	20.29	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (42.08) = 27.24 > 24dBm
2. 11dBm + 10log (42.15) = 27.24 > 24dBm
3. 11dBm + 10log (42.07) = 27.23 > 24dBm
4. 11dBm + 10log (42.00) = 27.23 > 24dBm
5. 11dBm + 10log (50.12) = 28.00 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.75) = 26.59 > 24dBm

Chain 1
1. 11dBm + 10log (42.02) = 27.23 > 24dBm
2. 11dBm + 10log (42.06) = 27.23 > 24dBm
3. 11dBm + 10log (42.00) = 27.23 > 24dBm
4. 11dBm + 10log (42.11) = 27.24 > 24dBm
5. 11dBm + 10log (42.17) = 27.25 > 24dBm
6. 11dBm + 10log (5725.00 - 5688.83) = 26.58 > 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	10.54	10.02	21.370	13.30	24.00	Pass
58	5290	10.64	10.53	22.886	13.60	24.00	Pass
106	5530	10.79	10.72	23.798	13.77	24.00	Pass
122	5610	17.21	17.20	105.083	20.22	24.00	Pass
138	5690 (For U-NII-2C)	14.03	12.94	49.607	16.96	24.00	Pass
138	5690 (For U-NII-3)	0.20	-1.06	2.0192	3.05	30.00	Pass
155	5775	17.02	17.45	105.94	20.25	30.00	Pass

Note:
For U-NII-2A, U-NII-2C Band:
Chain 0
1. 11dBm + 10log (84.14) = 30.25 > 24dBm
2. 11dBm + 10log (84.42) = 30.26 > 24dBm
3. 11dBm + 10log (88.58) = 30.47 > 24dBm
4. 11dBm + 10log (5725.00 - 5640.91) = 30.25 > 24dBm

Chain 1
1. 11dBm + 10log (82.70) = 30.17 > 24dBm
2. 11dBm + 10log (83.63) = 30.22 > 24dBm
3. 11dBm + 10log (83.32) = 30.20 > 24dBm
4. 11dBm + 10log (5725.00 - 5648.07) = 29.86 > 24dBm

26dB Bandwidth:

802.11a

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.11	23.91
60	5300	22.44	23.81
64	5320	22.92	24.16
100	5500	24.31	24.16
116	5580	24.70	24.35
140	5700	24.75	24.40
144	5720 (For U-NII-2C)	16.94	16.96
144	5720 (For U-NII-3)	7.86	7.60

802.11ac (VHT20)

Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	24.30	23.93
60	5300	23.74	24.95
64	5320	23.92	24.98
100	5500	25.17	24.88
116	5580	25.79	25.79
140	5700	25.18	25.61
144	5720 (For U-NII-2C)	16.96	17.93
144	5720 (For U-NII-3)	8.01	8.44

802.11ac (VHT40)

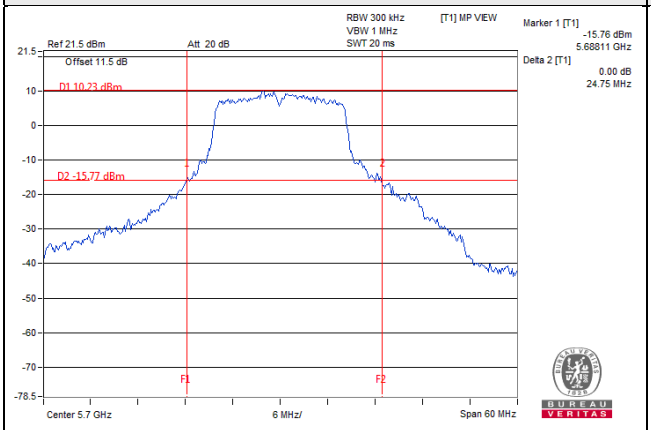
Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	42.08	42.02
62	5310	42.15	42.06
102	5510	42.07	42.00
110	5550	42.00	42.11
134	5670	50.12	42.17
142	5710 (For U-NII-2C)	36.25	36.17
142	5710 (For U-NII-3)	13.49	5.96

802.11ac (VHT80)

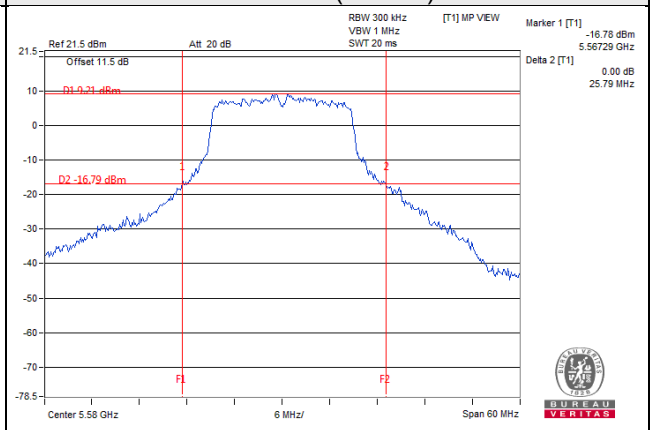
Chan.	Freq. (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	84.14	82.70
106	5530	84.42	83.63
122	5610	88.58	83.32
138	5690 (For U-NII-2C)	84.09	76.93
138	5690 (For U-NII-3)	21.53	6.75

Spectrum Plot of Worst Value

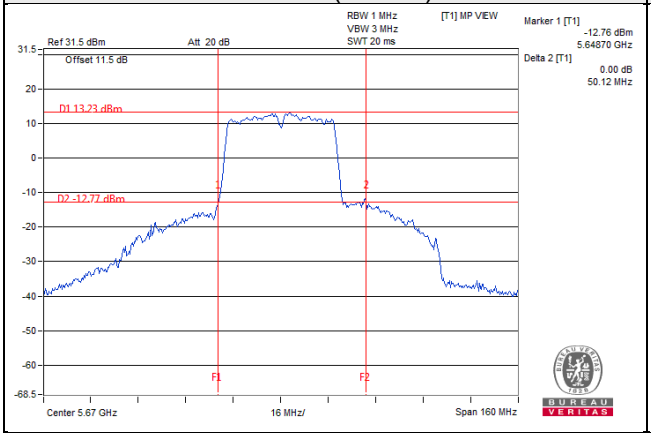
802.11a



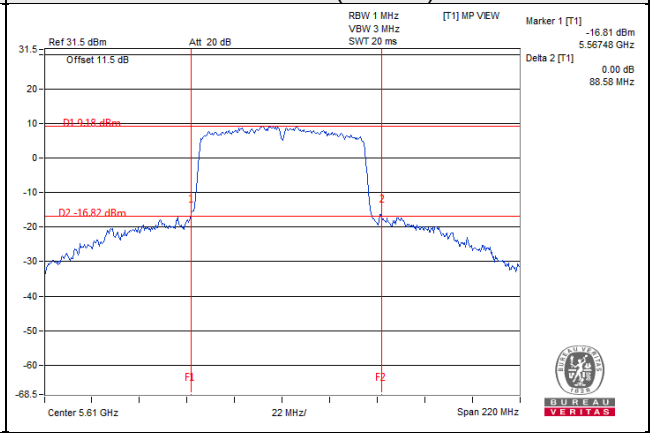
802.11ac (VHT20)



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	109.156	20.38
5470~5725	111.694	20.48

802.11ac (VHT20)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	109.803	20.41
5470~5725	111.575	20.48

802.11ac (VHT40)

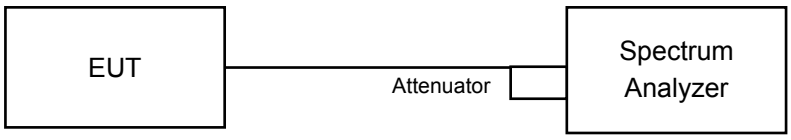
Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	108.903	20.37
5470~5725	108.525	20.36

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (mW)	Output Power (dBm)
5250~5350	22.886	13.60
5470~5725	105.083	20.22

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	16.68
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	16.68
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	16.68	16.80
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	17.88	17.88
52	5260	17.88	17.88
60	5300	17.88	17.88
64	5320	17.88	17.88
100	5500	17.88	17.88
116	5580	18.00	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	18.00
157	5785	18.00	17.88
165	5825	18.00	17.88

802.11ac (VHT40)

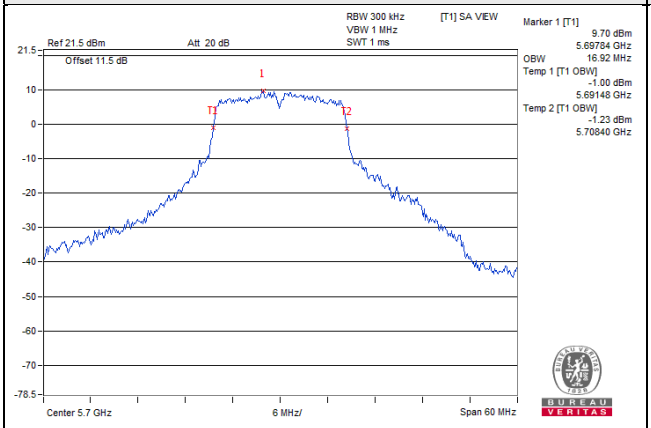
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.60	36.48
46	5230	36.60	36.48
54	5270	36.48	36.48
62	5310	36.48	36.48
102	5510	36.60	36.48
110	5550	36.72	36.60
134	5670	36.72	36.60
142	5710 (For U-NII-2C)	33.36	33.24
142	5710 (For U-NII-3)	3.24	3.24
151	5755	36.60	36.43
159	5795	36.72	36.60

802.11ac (VHT80)

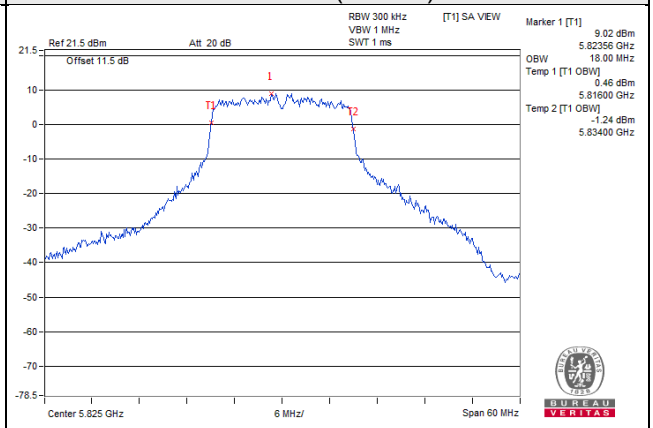
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	75.60	75.84
58	5290	75.60	75.84
106	5530	75.60	75.60
122	5610	75.84	75.60
138	5690 (For U-NII-2C)	72.92	72.92
138	5690 (For U-NII-3)	2.92	2.92
155	5775	75.60	75.84

Spectrum Plot of Worst Value

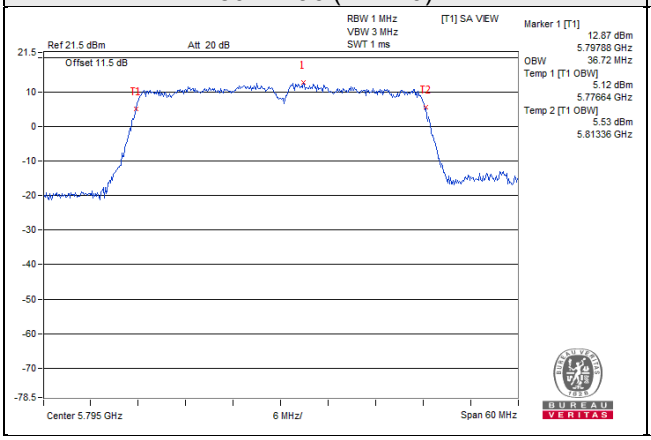
802.11a



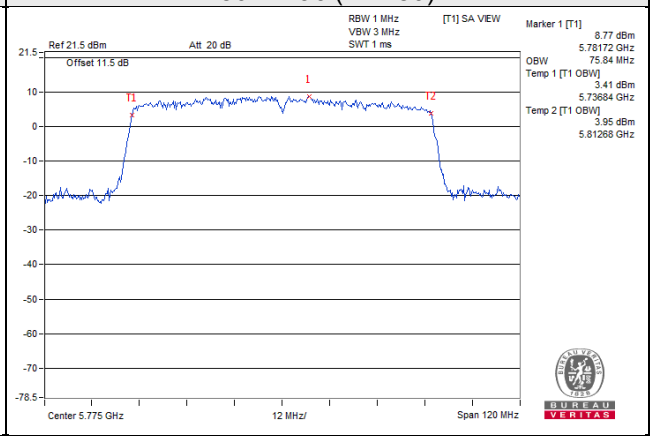
802.11ac (VHT20)



802.11ac (VHT40)



802.11ac (VHT80)

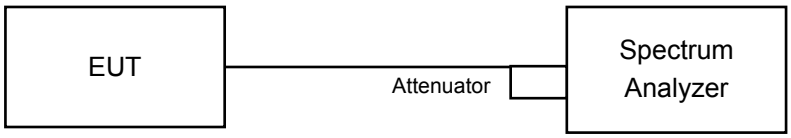


4.5 Peak Power Spectral Density Measurement

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	4.32	3.87	0.11	7.22	11.00	Pass
40	5200	4.64	3.42	0.11	7.19	11.00	Pass
48	5240	4.11	3.57	0.11	6.97	11.00	Pass
52	5260	4.06	3.67	0.11	6.99	11.00	Pass
60	5300	3.98	3.94	0.11	7.08	11.00	Pass
64	5320	3.92	4.01	0.11	7.09	11.00	Pass
100	5500	5.10	3.63	0.11	7.55	11.00	Pass
116	5580	5.14	4.28	0.11	7.85	11.00	Pass
140	5700	5.46	4.41	0.11	8.09	11.00	Pass
144	5720	5.49	4.38	0.11	8.09	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	3.64	3.39	0.09	6.62	11.00	Pass
40	5200	4.01	2.87	0.09	6.58	11.00	Pass
48	5240	3.34	3.13	0.09	6.34	11.00	Pass
52	5260	3.34	3.26	0.09	6.40	11.00	Pass
60	5300	3.31	3.32	0.09	6.42	11.00	Pass
64	5320	3.49	3.43	0.09	6.56	11.00	Pass
100	5500	4.69	3.20	0.09	7.11	11.00	Pass
116	5580	4.58	3.79	0.09	7.30	11.00	Pass
140	5700	4.85	3.81	0.09	7.46	11.00	Pass
144	5720	4.87	3.81	0.09	7.47	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)

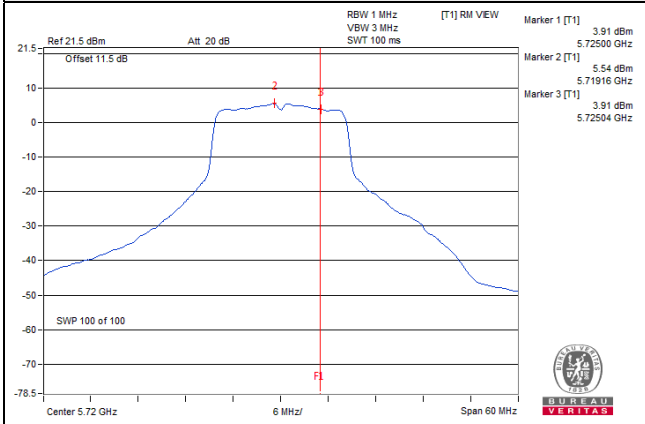
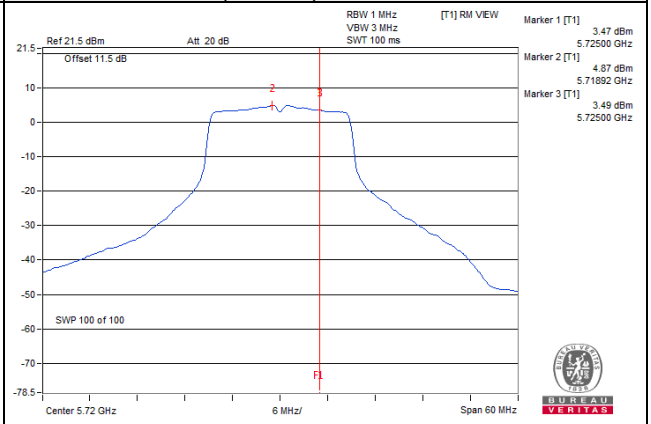
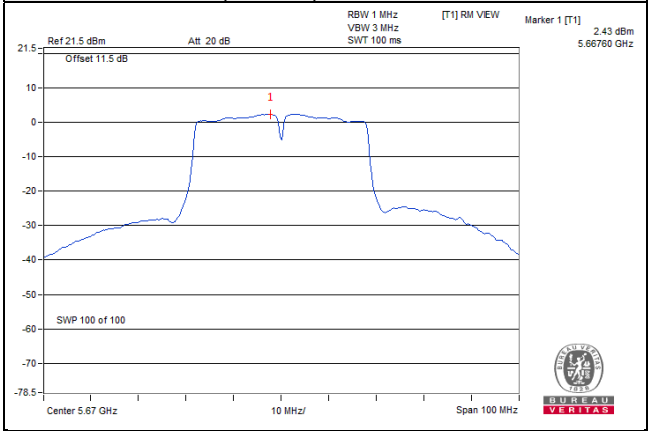
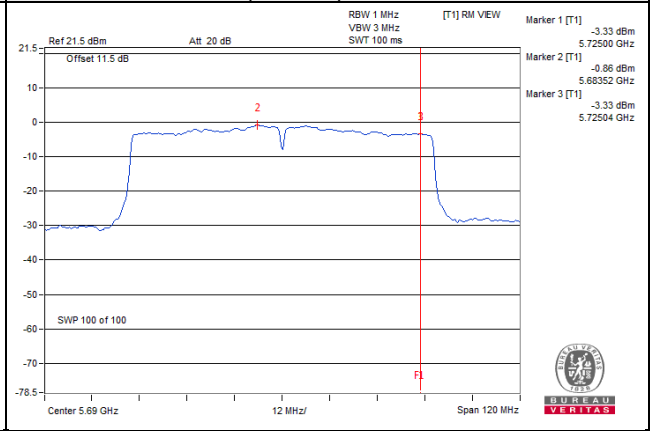
Chan.	Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD with Duty Factor (dBm/MHz)	Max. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1				
38	5190	-4.20	-4.46	0.18	-1.14	11.00	Pass
46	5230	0.81	0.18	0.18	3.70	11.00	Pass
54	5270	0.99	0.70	0.18	4.04	11.00	Pass
62	5310	-3.03	-2.73	0.18	0.31	11.00	Pass
102	5510	-2.18	-3.44	0.18	0.43	11.00	Pass
110	5550	1.67	1.21	0.18	4.64	11.00	Pass
134	5670	2.43	1.13	0.18	5.02	11.00	Pass
142	5710	2.18	1.23	0.18	4.92	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	-8.79	-9.25	0.43	-5.57	11.00	Pass
58	5290	-8.49	-8.47	0.43	-5.04	11.00	Pass
106	5530	-8.13	-8.86	0.43	-5.04	11.00	Pass
122	5610	-1.35	-1.81	0.43	1.87	11.00	Pass
138	5690	-0.87	-1.99	0.43	2.05	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.

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	-4.56	-2.34	3.01	0.11	0.78	30.00	Pass
	149	5745	-3.52	-1.30	3.01	0.11	1.82	30.00	Pass
	157	5785	-3.08	-0.86	3.01	0.11	2.26	30.00	Pass
	165	5825	-2.80	-0.58	3.01	0.11	2.54	30.00	Pass
1	144	5720	-5.78	-3.56	3.01	0.11	-0.44	30.00	Pass
	149	5745	-3.54	-1.32	3.01	0.11	1.80	30.00	Pass
	157	5785	-3.59	-1.37	3.01	0.11	1.75	30.00	Pass
	165	5825	-3.58	-1.36	3.01	0.11	1.76	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	-4.87	-2.65	3.01	0.09	0.45	30.00	Pass
	149	5745	-4.16	-1.94	3.01	0.09	1.16	30.00	Pass
	157	5785	-3.65	-1.43	3.01	0.09	1.67	30.00	Pass
	165	5825	-3.46	-1.24	3.01	0.09	1.86	30.00	Pass
1	144	5720	-5.91	-3.69	3.01	0.09	-0.59	30.00	Pass
	149	5745	-4.02	-1.80	3.01	0.09	1.30	30.00	Pass
	157	5785	-3.95	-1.73	3.01	0.09	1.37	30.00	Pass
	165	5825	-3.93	-1.71	3.01	0.09	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)

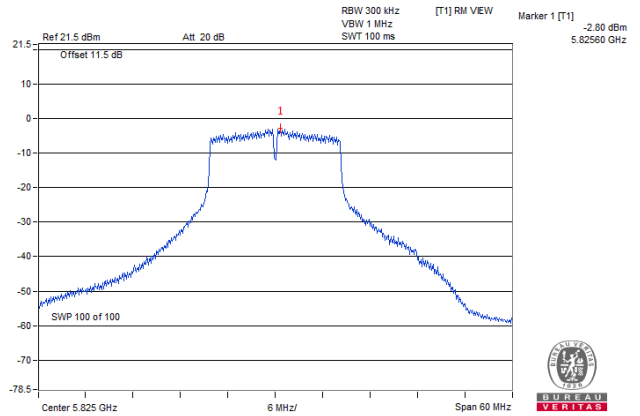
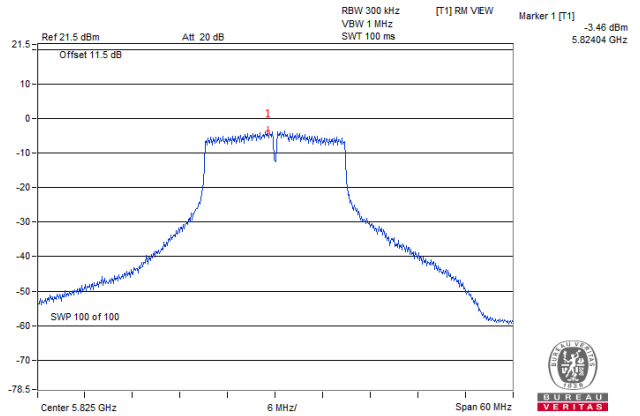
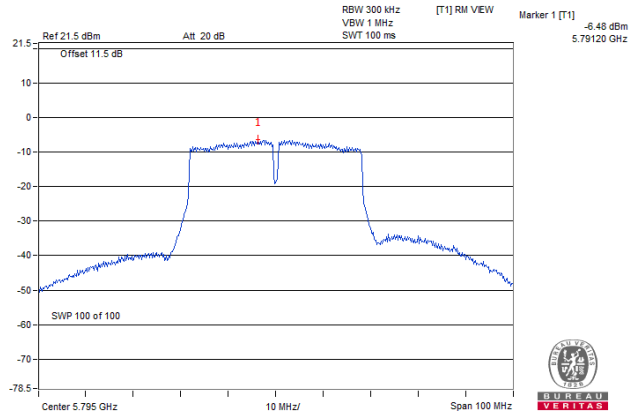
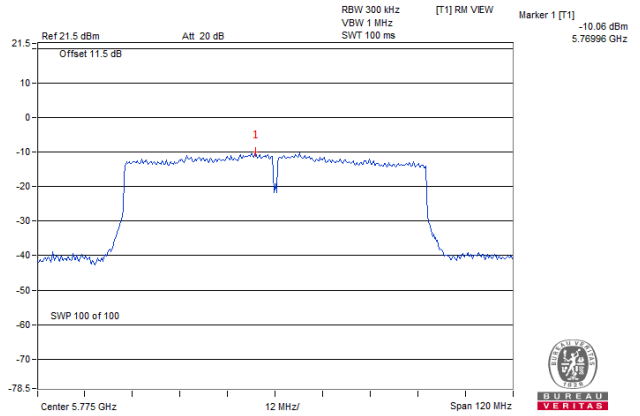
TX chain	Chan.	Freq. (MHz)	PSD W/O Duty Factor		10 log (N=2) dB	Duty Factor (dB)	Total PSD With Duty Factor (dBm/500kHz)	Limit (dBm/ 500kHz)	Pass / Fail
			(dBm/300kHz)	(dBm/500kHz)					
0	142	5710	-8.42	-6.20	3.01	0.18	-3.01	30.00	Pass
	151	5755	-7.11	-4.89	3.01	0.18	-1.70	30.00	Pass
	159	5795	-6.48	-4.26	3.01	0.18	-1.07	30.00	Pass
1	142	5710	-9.55	-7.33	3.01	0.18	-4.14	30.00	Pass
	151	5755	-6.90	-4.68	3.01	0.18	-1.49	30.00	Pass
	159	5795	-7.02	-4.80	3.01	0.18	-1.61	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	-11.67	-9.45	3.01	0.43	-6.01	30.00	Pass
	155	5775	-10.38	-8.16	3.01	0.43	-4.72	30.00	Pass
1	138	5690	-13.09	-10.87	3.01	0.43	-7.43	30.00	Pass
	155	5775	-10.06	-7.84	3.01	0.43	-4.40	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.

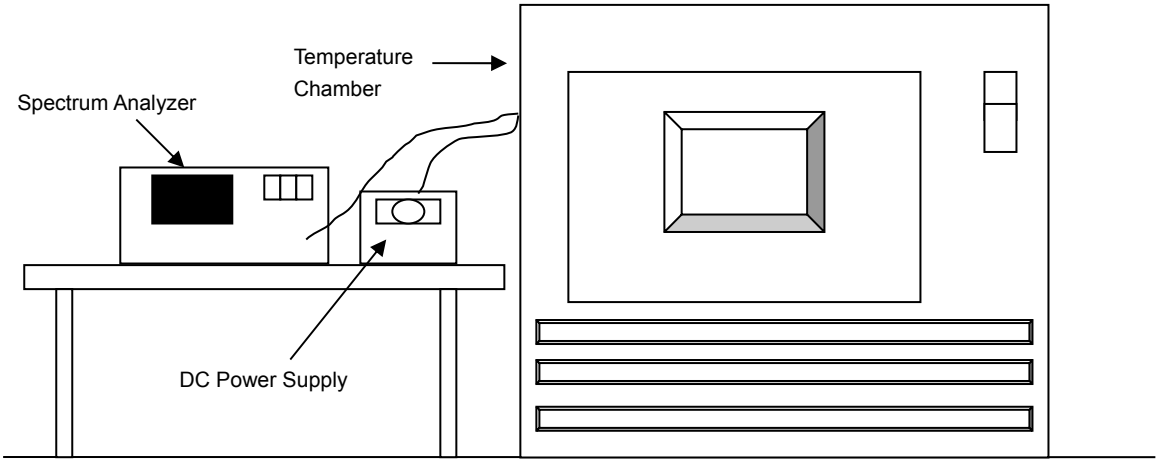
Spectrum Plot of Worst Value	
802.11a	802.11ac (VHT20)
	
802.11ac (VHT40)	802.11ac (VHT80)
	

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
55	3.85	5180.0132	Pass	5180.0158	Pass	5180.0128	Pass	5180.0164	Pass
50	3.85	5180.0185	Pass	5180.0154	Pass	5180.0148	Pass	5180.0147	Pass
40	3.85	5180.0021	Pass	5179.9991	Pass	5180.002	Pass	5180.002	Pass
30	3.85	5179.9846	Pass	5179.9824	Pass	5179.9828	Pass	5179.9823	Pass
20	3.85	5180.0019	Pass	5180.0013	Pass	5180.0003	Pass	5180.005	Pass
10	3.85	5179.9873	Pass	5179.9893	Pass	5179.986	Pass	5179.9877	Pass
0	3.85	5179.9978	Pass	5180.0004	Pass	5179.9992	Pass	5179.9997	Pass
-10	3.85	5180.0097	Pass	5180.0106	Pass	5180.0102	Pass	5180.0123	Pass

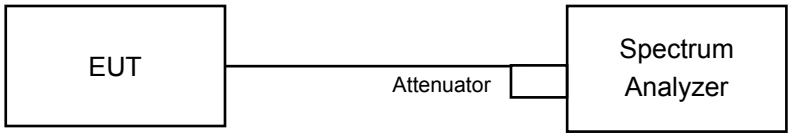
Frequency Stability Versus Voltage									
Operating Frequency: 5180MHz									
Temp. (℃)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result	Measured Frequency (MHz)	Result
20	4.4	5179.9838	Pass	5179.983	Pass	5179.9818	Pass	5179.9824	Pass
	3.85	5179.9846	Pass	5179.9824	Pass	5179.9828	Pass	5179.9823	Pass
	3.6	5179.9848	Pass	5179.9826	Pass	5179.9831	Pass	5179.983	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	2.58	2.58	0.5	Pass
149	5745	15.41	15.20	0.5	Pass
157	5785	15.55	15.22	0.5	Pass
165	5825	15.35	15.44	0.5	Pass

802.11ac (VHT20)

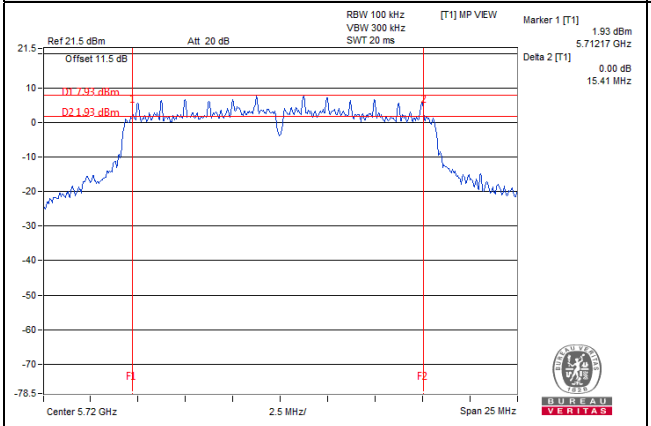
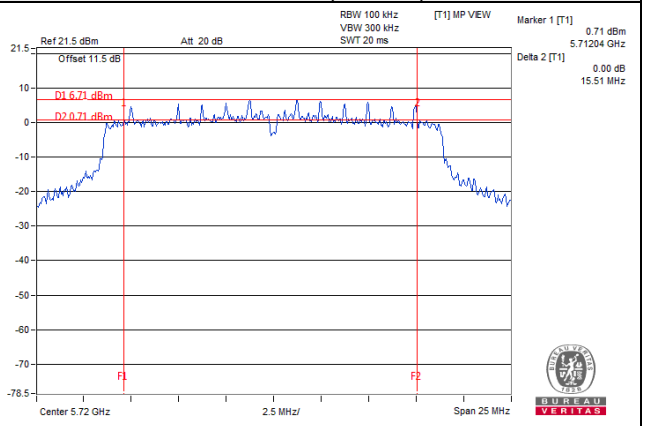
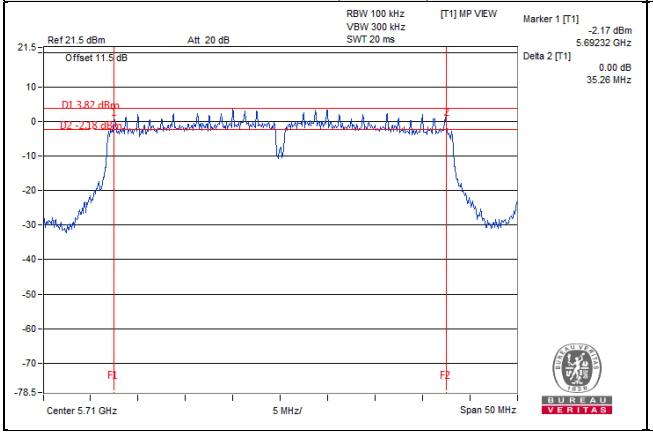
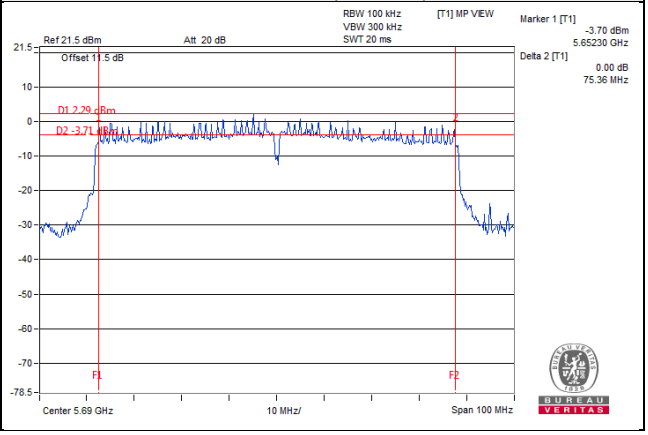
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
144 (For U-NII-3)	5720	3.10	2.55	0.5	Pass
149	5745	16.02	16.00	0.5	Pass
157	5785	16.00	15.23	0.5	Pass
165	5825	16.03	16.00	0.5	Pass

802.11ac (VHT40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
142 (For U-NII-3)	5710	2.61	2.58	0.5	Pass
151	5755	35.28	35.53	0.5	Pass
159	5795	35.25	35.32	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	2.68	2.66	0.5	Pass
155	5775	75.40	75.35	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:

Linko EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
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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