TEST REPORT

Applicant	Icon Health and Fitness, Inc.
Address	1500 South 1000 West, Logan Utah, United States 84321

Manufacturer or Supplier	Icon Health and Fitness, Inc.
Address	1500 South 1000 West, Logan Utah, United States 84321
Product Name	Tablet
Brand Name	N/A
Model	MP22-Argon3-TV
Additional Model & Model Difference	MP22-Argon3-TV-OT, see item 3.1
Date of tests	May 25, 2020 ~ Jul. 23, 2020

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 15, Subpart E, Section 15.407**
☒ **ANSI C63.10-2013**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Sep. 08, 2020

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF200525N006-4	Original release.	Sep. 08, 2020

1. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART E (SECTION 15.407 UNDER NEW RULE)			
STANDARD SECTION	**TEST TYPE**	**RESULT**	**REMARK**
15.407(b)(6)	AC Power Conducted Emissions	PASS	Meet the requirement of limit.
15.407(b) (1/2/3/4/6)	Radiated Emissions & Band Edge Measurement	PASS	Meet the requirement of limit.
15.407(a)(1/2/3)	Max Average Transmit Power	PASS	Meet the requirement of limit.
15.407(a)(1/2/3)	Peak Power Spectral Density	PASS	Meet the requirement of limit.
15.407(g)	Frequency Stability	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is i-pex not a standard connector.

1.1 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	UNCERTAINTY
Conducted emissions	9kHz~30MHz	2.70dB
Radiated emissions	9KHz ~ 30MHz	2.16dB
	30MHz ~ 1GMHz	3.60dB
	1GHz ~ 18GHz	4.82dB
	18GHz ~ 40GHz	5.00dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Tablet
BRAND	N/A
MODEL NO.	MP22-Argon3-TV
FCC ID	OMC420332
POWER SUPPLY	DC 12V, 24W
MODULATION TYPE	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	OFDM
TRANSFER RATE	802.11a: 54.0/ 48.0/ 36.0/ 24.0/ 18.0/ 12.0/ 9.0/ 6.0Mbps 802.11n: up to 150Mbps 802.11ac: up to 433.3Mbps
OPERATING FREQUENCY	5180 ~ 5240MHz, 5260 ~ 5320MHz 5500 ~ 5700MHz, 5745 ~ 5825MHz
NUMBER OF CHANNEL	5180 ~ 5240MHz: 4 channels for 802.11a, 802.11n,11ac (20MHz) 2 channels for 802.11n,11ac (40MHz): 1 channel for 802.11ac 80MHz 5260 ~ 5320MHz: 4 channels for 802.11a, 802.11n (20MHz) 2 channels for 802.11n, 11ac (40MHz) 1 channel for 802.11ac (80MHz) 5500 ~ 5700MHz: 11 channels for 802.11a, 802.11n (20MHz) 5 channels for 802.11n (40MHz) 2 channel for 802.11ac (80MHz) 5745 ~ 5825MHz: 5 channels for 802.11a, 802.11n,11ac (20MHz) 2 channels for 802.11n,11ac (40MHz) 1 channel for 802.11ac (80MHz)
CONDUCTED OUTPUT POWER	9.311mW for 5180 ~ 5240MHz (Maximum AVG Power) 8.433mW for 5260 ~ 5320MHz (Maximum AVG Power) 8.57mW for 5500 ~ 5700MHz (Maximum AVG Power) 7.261mW for 5745 ~ 5825MHz (Maximum AVG Power)
ANTENNA TYPE	5180 ~ 5240MHz: PCB antenna with 4.82dBi gain 5260 ~ 5320MHz: PCB antenna with 5.27dBi gain 5500 ~ 5700MHz: PCB antenna with 4.92dBi gain 5745 ~ 5825MHz: PCB antenna with 6.03dBi gain
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	N/A

NOTES:

1. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.
2. Please refer to the EUT photo document (Reference No.: 200525N006) for detailed product photo.
3. Additional model MP22-Argon3-TV-OT is identical with the test model MP22-Argon3-TV except the model number for marketing purpose.
4. The EUT incorporates a SISO function. Physically, the EUT provides 1 completed transmitter and 1 receiver.

MODULATION MODE	FUNCTION
802.11a	1TX/1RX
802.11n (HT20), 802.11ac (VHT20)	1TX/1RX
802.11n (HT40), 802.11ac (VHT40)	1TX/1RX
802.11ac (VHT80)	1TX/1RX

The modulation and bandwidth are similar for 802.11n mode for HT20 / HT40 and 802.11ac mode for VHT20 / VHT40, therefore investigated worst case for final test were chosen 802.11n (HT20/HT40) and record in the report.

2.2 DESCRIPTION OF TEST MODES

FOR 5150 ~ 5250MHz

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
36	5180 MHz	40	5200 MHz
44	5220 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	CHANNEL	FREQUENCY
42	5210MHz	--	--

FOR 5250 ~ 5350MHz

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
52	5260 MHz	56	5280 MHz
60	5300 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	CHANNEL	FREQUENCY
58	5290MHz	--	--

FOR 5470 ~ 5725MHz

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
100	5500 MHz	104	5520 MHz
108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz
124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz
140	5700 MHz	--	--

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
102	5510 MHz	110	5550 MHz
118	5590 MHz	126	5630 MHz
134	5670 MHz		

2 channel is provided for 802.11ac (VHT80):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
106	5530MHz	122	5610MHz

FOR 5725 ~ 5850MHz

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

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
149	5745MHz	153	5765MHz
157	5785MHz	161	5805MHz
165	5825MHz	--	--

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	CHANNEL	FREQUENCY
155	5775MHz	--	--

2.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE≥1G	RE<1G	PLC	APCM	
A	√	√	√	√	**Powered by Adapter with wifi(5G) link**

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

NOTE:
1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane**.
NOTE: "-"means no effect.

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	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	5150-5250	36 to 48	36, 40, 48	OFDM	BPSK	6.0
	802.11n (20MHz)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
	802.11n (40MHz)		38 to 46	38, 46	OFDM	BPSK	13.5
	802.11ac 80MHz		42	42	OFDM	BPSK	29.3
	802.11a	5250-5350	52 to 64	52, 60, 64	OFDM	BPSK	6.0
	802.11n (20MHz)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
	802.11n (40MHz)		54 to 62	54, 62	OFDM	BPSK	13.5
	802.11ac 80MHz		58	58	OFDM	BPSK	29.3
	802.11a	5470-5725	100 to 140	100, 116, 140	OFDM	BPSK	6.0
	802.11n (20MHz)		100 to 140	100, 116, 140	OFDM	BPSK	6.5
	802.11n (40MHz)		102 to 134	102, 110, 134	OFDM	BPSK	13.5
	802.11ac 80MHz		106, 122	106, 122	OFDM	BPSK	29.3
	802.11a	5725-5850	149 to 165	149, 157, 165	OFDM	BPSK	6.0
	802.11n (20MHz)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
	802.11n (40MHz)		151 to 159	151, 159	OFDM	BPSK	13.5
	802.11ac 80MHz		155	155	OFDM	BPSK	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	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	5150-5250 5470-5725 5725-5850	36 to 48 100 to 140 149 to 165	36	OFDM	BPSK	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	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	5150-5250 5470-5725 5725-5850	36 to 48 100 to 140 149 to 165	36	OFDM	BPSK	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	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	5150-5250	36 to 48	36, 40, 48	OFDM	BPSK	6.0
	802.11n (20MHz)		36 to 48	36, 40, 48	OFDM	BPSK	6.5
	802.11n (40MHz)		38 to 46	38, 46	OFDM	BPSK	13.5
	802.11ac 80MHz		42	42	OFDM	BPSK	29.3
	802.11a	5250-5350	52 to 64	52, 60, 64	OFDM	BPSK	6.0
	802.11n (20MHz)		52 to 64	52, 60, 64	OFDM	BPSK	6.5
	802.11n (40MHz)		54 to 62	54, 62	OFDM	BPSK	13.5
	802.11ac 80MHz		58	58	OFDM	BPSK	29.3
	802.11a	5470-5725	100 to 140	100, 116, 140	OFDM	BPSK	6.0
	802.11n (20MHz)		100 to 140	100, 116, 140	OFDM	BPSK	6.5
	802.11n (40MHz)		102 to 134	102, 110, 134	OFDM	BPSK	13.5
	802.11ac 80MHz		106, 122	106, 122	OFDM	BPSK	29.3
	802.11a	5725-5850	149 to 165	149, 157, 165	OFDM	BPSK	6.0
	802.11n (20MHz)		149 to 165	149, 157, 165	OFDM	BPSK	6.5
	802.11n (40MHz)		151 to 159	151, 159	OFDM	BPSK	13.5
	802.11ac 80MHz		155	155	OFDM	BPSK	29.3

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER(ADAPTER)	TESTED BY
RE<1G	24deg. C, 55%RH	DC 12V from Adapter	Hu
RE≥1G	24deg. C, 55%RH	DC 12V from Adapter	Hu
PLC	20deg. C, 56%RH	DC 12V from Adapter	Ming Bai
APCM	20deg. C, 55%RH	DC 12V from Adapter	Daniel

2.3 DUTY CYCLE OF TEST SIGNAL

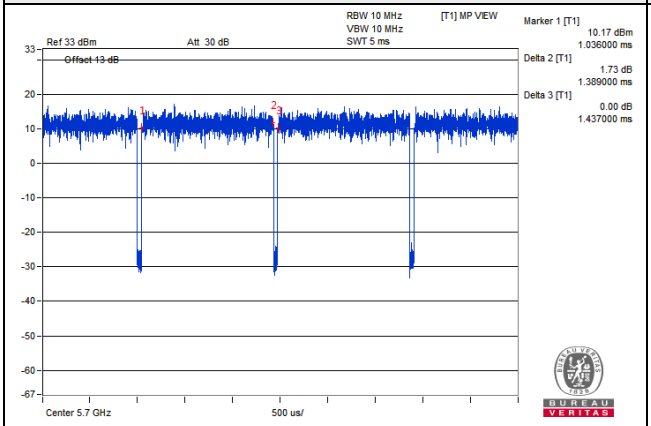
802.11a: Duty cycle = 1.389/1.437 =0.967, Duty factor = 10 * log(1/0.967) = 0.146

802.11n (HT20): Duty cycle = 1.285/1.332 =0.965, Duty factor = 10 * log(1/0.965) = 0.155

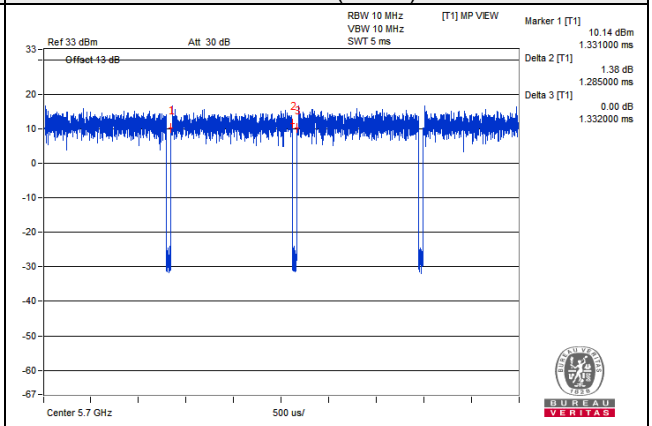
802.11n (HT40): Duty cycle = 0.635/0.682 =0.931, Duty factor = 10 * log(1/0.931) = 0.311

802.11ac (VHT80): Duty cycle = 0.320/0.368 =0.870, Duty factor = 10 * log(1/0.870) = 0.605

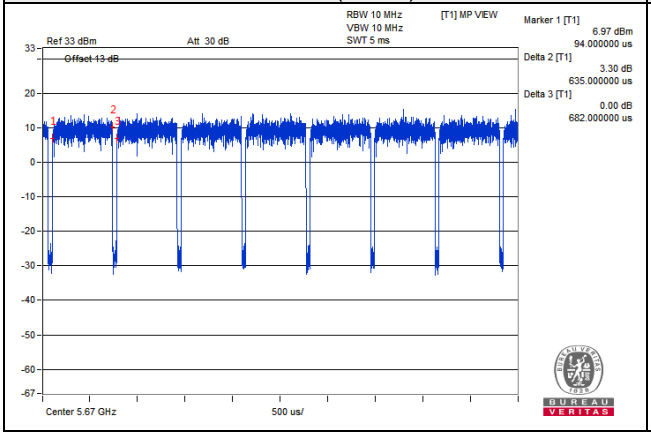
802.11a



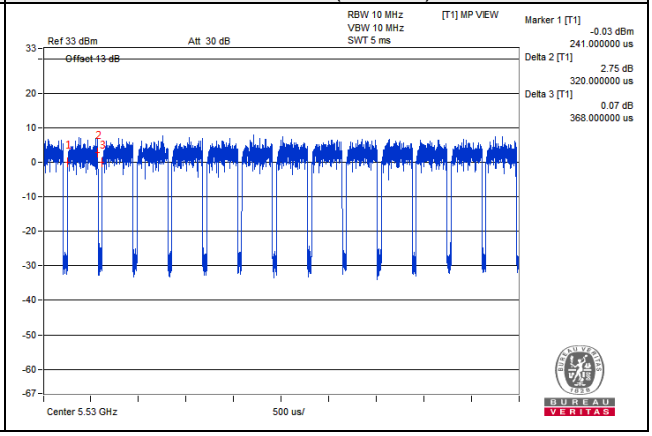
802.11n (HT20)



802.11n (HT40)



802.11ac (VHT80)



2.4 DESCRIPTION OF SUPPORT UNITS

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

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Adapter	N/A	DC 12V 2A	N/A	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Non-detachable,175cm

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

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

FCC Part 15, Subpart E (15.407)
789033 D02 General UNII Test Procedures New Rules v02r01
ANSI C63.10-2013

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

3. TEST TYPES AND RESULTS

3.1 RADIATED EMISSION AND BANDEDGE MEASUREMENT

3.1.1 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

NOTES:
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 30dB under any condition of modulation.

3.1.2 LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

APPLICABLE TO	LIMIT	
789033 D02 General UNII Test Procedures New Rules v02r01	FIELD STRENGTH AT 3m	
	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)
APPLICABLE TO	**EIRP LIMIT**	**EQUIVALENT FIELD STRENGTH AT 3m**
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	Note	Note

NOTE: For transmitters operating in the 5.725-5.85 GHz band:

Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the alternative limit.

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

3.1.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Mar. 18,20	Mar. 17,21
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV7	102331	May 22,20	May 21,21
Active Loop Antenna (9KHz -30MHz)	SCHWARZBECK	FMZB 1519B	1519B-045	May 28,20	May 27,21
Amplifier (9KHz -1GHz)	Burgeon	BPA-530	100210	Mar. 15,20	Mar. 14,21
Bilog Antenna (20MHz -2GHz)	Teseq	CBL 6111D	30643	Jun. 23,20	Jun. 22,21
Horn Antenna (1GHz -18GHz)	ETS -Lindgren	3117	00062558	Jun. 23,20	Jun. 22,21
Horn Antenna (18GHz -40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170147	Jun. 23,20	Jun. 22,21
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	Apr. 21,20	Apr. 20,21
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A	N/A
Broadband Preamplifier (1GHz~18GHz)	SCHWARZBECK	BBV9718	305	Apr. 21,20	Apr. 20,21
Pre-Amplifier (18GHz-40GHz)	EMCI	EMC 184045	980102	Mar. 04,20	Mar. 03,21
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A	N/A

NOTES:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The horn antenna is used only for the measurement of emission frequency above1GHz if tested.
3. The FCC Site Registration No. is 749762.

3.1.4 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 1.5 meters(above 1GHz) and 0.8 meters(below 1GHz) above the ground at a 3 meters semi-anechoic chamber. 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 antenna is a broadband antenna, and its height 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 Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTES:

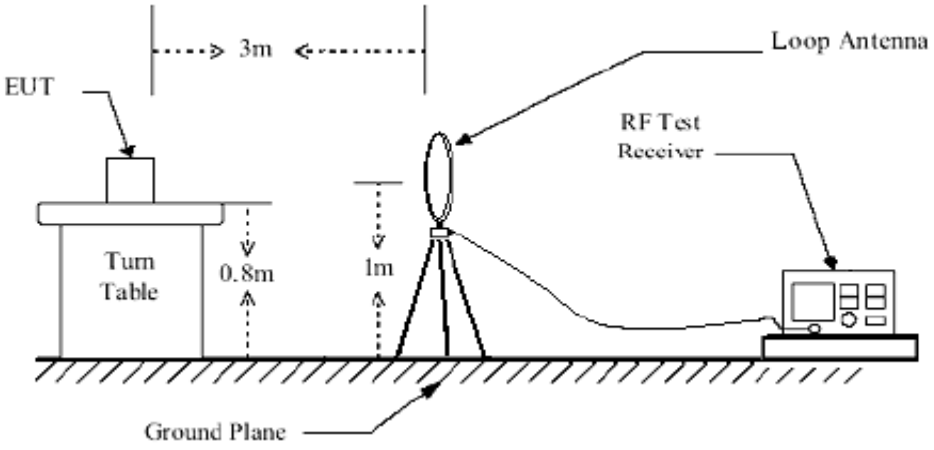
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution 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.

3.1.5 DEVIATION FROM TEST STANDARD

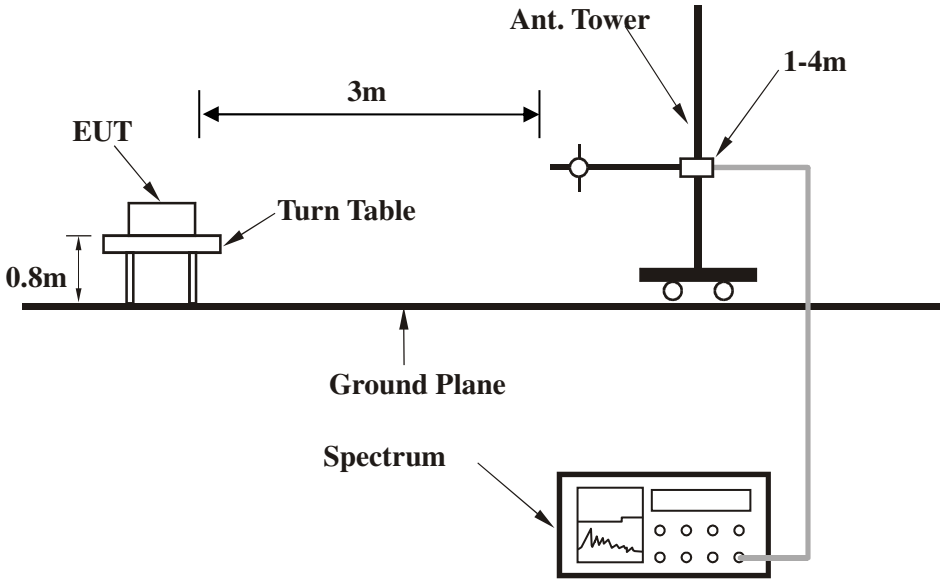
No deviation.

3.1.6 TEST SETUP

Below 30MHz

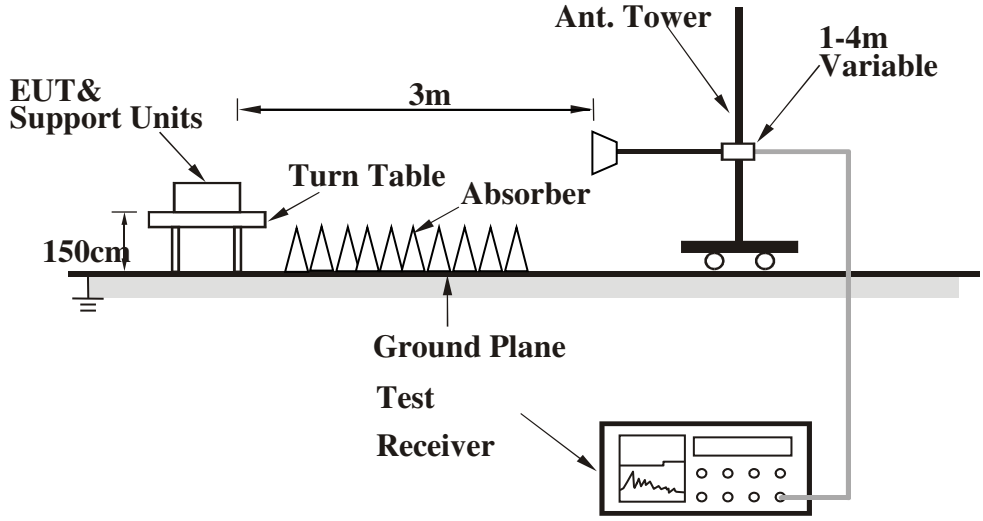


Below 1GHz test setup



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

Above 1GHz test setup



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

3.1.7 EUT OPERATING CONDITION

a. Set the EUT under full load condition and placed them on a testing table.

b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.

c. The necessary accessories enable the EUT in full functions.

3.1.8 TEST RESULTS

BELOW 1GHz WORST-CASE DATA

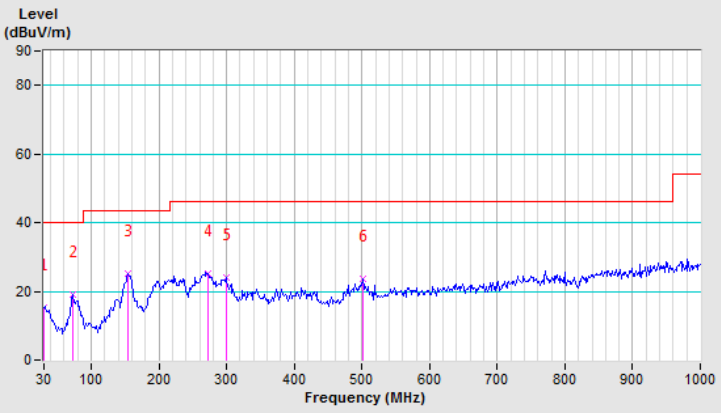
802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
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	30.00	15.19 QP	40.00	-24.81	1.00 H	152	27.33	-12.14
2	71.97	19.12 QP	40.00	-20.88	1.00 H	303	43.34	-24.22
3	154.36	25.23 QP	43.50	-18.27	1.00 H	179	42.65	-17.42
4	272.50	25.23 QP	46.00	-20.77	1.00 H	204	40.76	-15.53
5	298.93	23.83 QP	46.00	-22.17	1.00 H	82	38.14	-14.31
6	501.01	23.49 QP	46.00	-22.51	1.00 H	77	32.88	-9.39

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. 9KHz~30MHz have been test and test data more than 20dB margin.
5. Margin value = Emission level – Limit value.

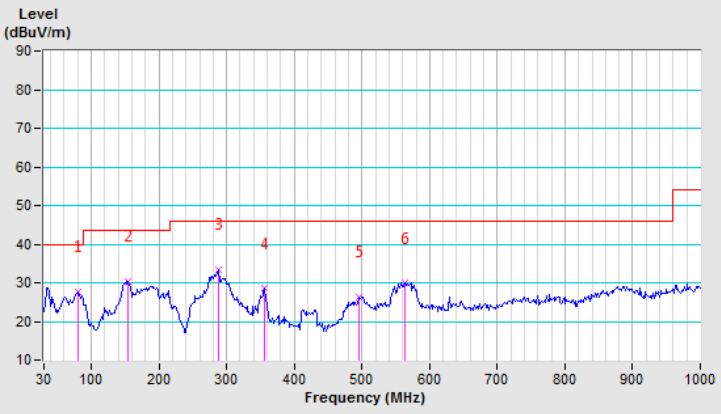


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

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	**79.74**	**27.55 QP**	**40.00**	**-12.45**	**1.00 V**	**61**	**49.78**	**-22.23**
2	154.36	30.41 QP	43.50	-13.09	1.00 V	46	47.83	-17.42
3	288.04	33.45 QP	46.00	-12.55	1.00 V	34	48.38	-14.93
4	356.44	28.52 QP	46.00	-17.48	1.00 V	23	41.06	-12.54
5	496.35	26.37 QP	46.00	-19.63	1.00 V	12	35.91	-9.54
6	563.19	29.88 QP	46.00	-16.12	1.00 V	2	37.28	-7.40

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. 9KHz~30MHz have been test and test data more than 20dB margin.
5. Margin value = Emission level – Limit value.



Band 1 (5150-5250MHz): ABOVE 1GHz DATA 802.11a

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

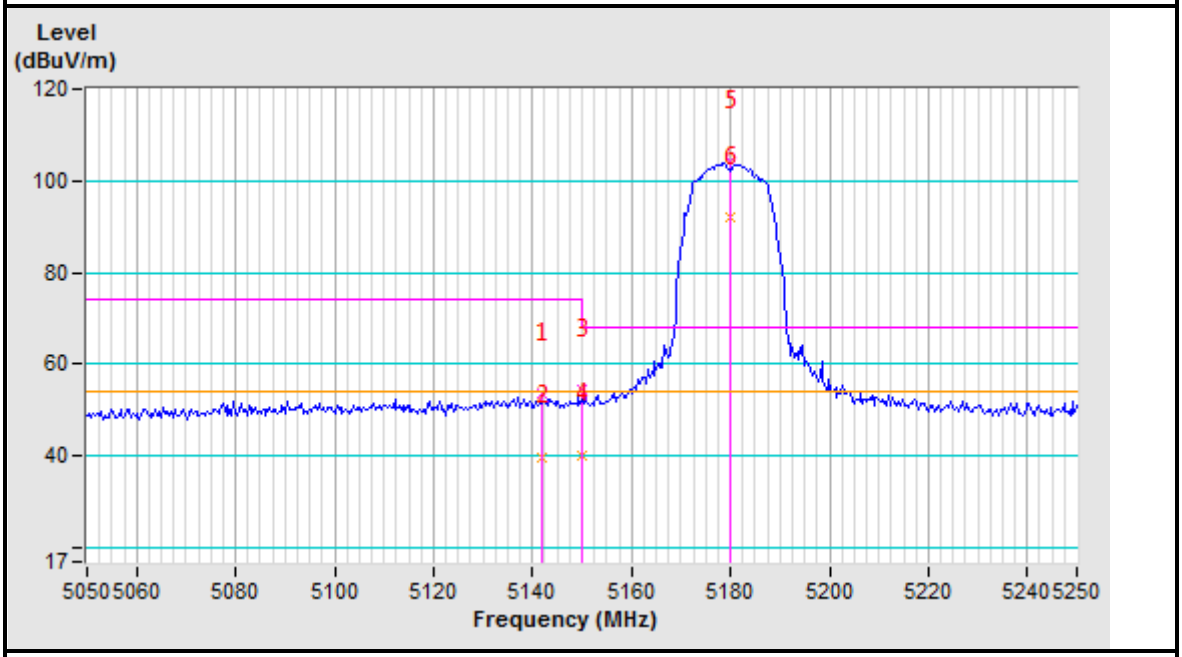
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5142.00	53.65 PK	74.00	-20.35	1.00 H	137	44.86	8.79
2	5142.00	39.80 AV	54.00	-14.20	1.00 H	137	31.01	8.79
3	5150.00	54.35 PK	74.00	-19.65	1.00 H	137	45.55	8.80
4	5150.00	40.24 AV	54.00	-13.76	1.00 H	137	31.44	8.80
5	*5180.00	104.16 PK			1.00 H	137	95.34	8.82
6	*5180.00	92.05 AV			1.00 H	137	83.23	8.82
7	#10360.00	59.84 PK	68.20	-8.36	1.00 H	0	42.03	17.81
8	15540.00	65.10 PK	74.00	-8.90	1.00 H	0	41.01	24.09
9	15540.00	49.00 AV	54.00	-5.00	1.00 H	0	24.91	24.09
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	5146.00	50.01 PK	74.00	-23.99	1.00 V	102	41.22	8.79
2	5146.00	36.00 AV	54.00	-18.00	1.00 V	102	27.21	8.79
3	5150.00	49.30 PK	74.00	-24.70	1.00 V	102	40.50	8.80
4	5150.00	36.40 AV	54.00	-17.60	1.00 V	102	27.60	8.80
5	*5180.00	92.89 PK			1.00 V	102	84.07	8.82
6	*5180.00	80.76 AV			1.00 V	102	71.94	8.82
7	#10360.00	59.78 PK	68.20	-8.42	1.00 V	0	41.97	17.81
8	15540.00	64.29 PK	74.00	-9.71	1.00 V	0	40.20	24.09
9	15540.00	48.70 AV	54.00	-5.30	1.00 V	0	24.61	24.09

REMARKS:

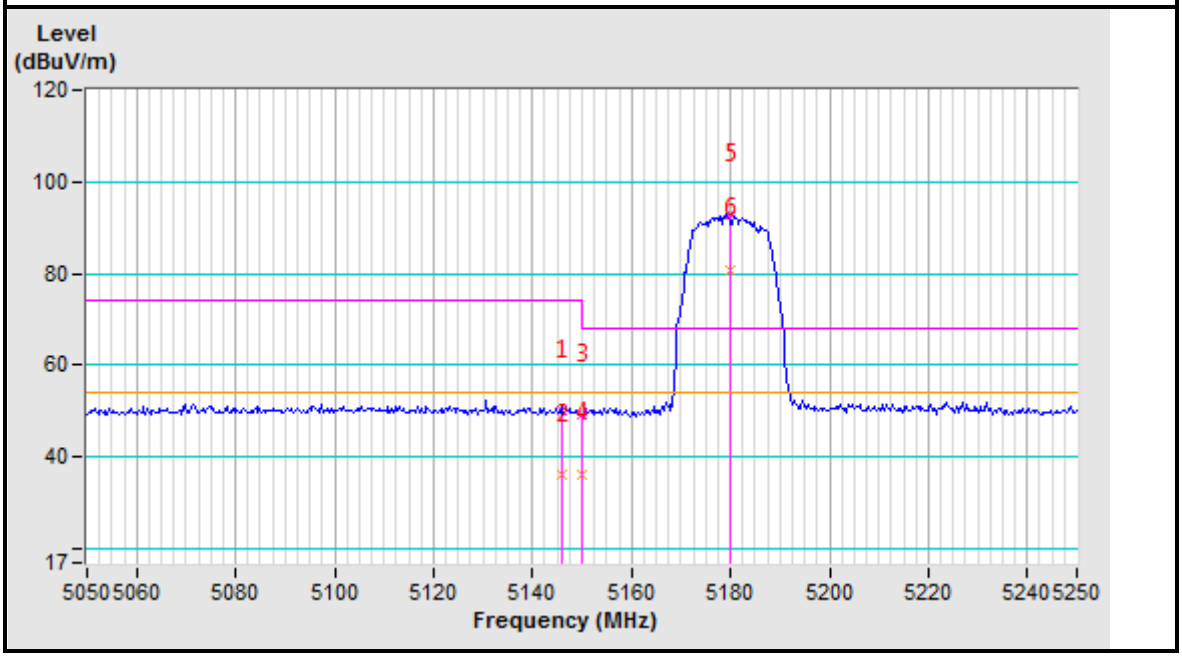
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5180MHz Horizontal



5180MHz Vertical



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

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	5145.00	52.27 PK	74.00	-21.73	1.00 H	83	43.48	8.79
2	5145.00	39.40 AV	54.00	-14.60	1.00 H	83	30.61	8.79
3	5150.00	51.74 PK	74.00	-22.26	1.00 H	83	42.94	8.80
4	5150.00	39.58 AV	54.00	-14.42	1.00 H	83	30.78	8.80
5	*5200.00	104.99 PK			1.00 H	83	96.14	8.85
6	*5200.00	92.13 AV			1.00 H	83	83.28	8.85
7	#10400.00	58.64 PK	68.20	-9.56	1.00 H	0	40.64	18.00
8	**#10560.00**	**64.28 PK**	**68.20**	**-3.92**	**1.00 H**	**0**	**45.67**	**18.61**
9	#10560.00	48.10 AV	54.00	-5.90	1.00 H	0	29.49	18.61
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	5144.00	50.29 PK	74.00	-23.71	1.00 V	20	41.49	8.80
2	5144.00	38.70 AV	54.00	-15.30	1.00 V	20	29.90	8.80
3	5150.00	50.22 PK	74.00	-23.78	1.00 V	20	41.42	8.80
4	5150.00	39.06 AV	54.00	-14.94	1.00 V	20	30.26	8.80
5	*5200.00	95.25 PK			1.00 V	20	86.40	8.85
6	*5200.00	83.52 AV			1.00 V	20	74.67	8.85
7	#10400.00	57.16 PK	68.20	-11.04	1.00 V	0	39.16	18.00
8	15600.00	64.22 PK	74.00	-9.78	1.00 V	0	40.01	24.21
9	15600.00	48.50 AV	54.00	-5.50	1.00 V	0	24.29	24.21

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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	5148.00	51.41 PK	74.00	-22.59	1.00 H	123	42.61	8.80
2	5148.00	38.60 AV	54.00	-15.40	1.00 H	123	29.80	8.80
3	5150.00	50.25 PK	74.00	-23.75	1.00 H	123	41.45	8.80
4	5150.00	38.80 AV	54.00	-15.20	1.00 H	123	30.00	8.80
5	*5240.00	103.23 PK			1.00 H	123	94.35	8.88
6	*5240.00	91.15 AV			1.00 H	123	82.27	8.88
7	5350.00	52.00 PK	74.00	-22.00	1.00 H	123	43.02	8.98
8	5350.00	39.31 AV	54.00	-14.69	1.00 H	123	30.33	8.98
9	5356.00	51.13 PK	74.00	-22.87	1.00 H	123	42.15	8.98
10	5356.00	39.13 AV	54.00	-14.87	1.00 H	123	30.15	8.98
11	#10480.00	58.47 PK	68.20	-9.73	1.00 H	0	40.10	18.37
12	15720.00	64.23 PK	74.00	-9.77	1.00 H	0	39.80	24.43
13	15720.00	48.34 AV	54.00	-5.66	1.00 H	0	23.91	24.43
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	5144.00	48.77 PK	74.00	-25.23	1.00 V	0	39.97	8.80
2	5144.00	37.50 AV	54.00	-16.50	1.00 V	0	28.70	8.80
3	5150.00	49.89 PK	74.00	-24.11	1.00 V	0	41.09	8.80
4	5150.00	38.00 AV	54.00	-16.00	1.00 V	0	29.20	8.80
5	*5240.00	94.40 PK			1.00 V	0	85.52	8.88
6	*5240.00	82.63 AV			1.00 V	0	73.75	8.88
7	5350.00	51.53 PK	74.00	-22.47	1.00 V	0	42.55	8.98
8	5350.00	39.30 AV	54.00	-14.70	1.00 V	0	30.32	8.98
9	5355.00	50.12 PK	74.00	-23.88	1.00 V	0	41.13	8.99
10	5355.00	39.00 AV	54.00	-15.00	1.00 V	0	30.01	8.99
11	#10480.00	57.66 PK	68.20	-10.54	1.00 V	0	39.29	18.37
12	15720.00	63.48 PK	74.00	-10.52	1.00 V	0	39.05	24.43
13	15720.00	47.56 AV	54.00	-6.44	1.00 V	0	23.13	24.43

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11n (20MHz)

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

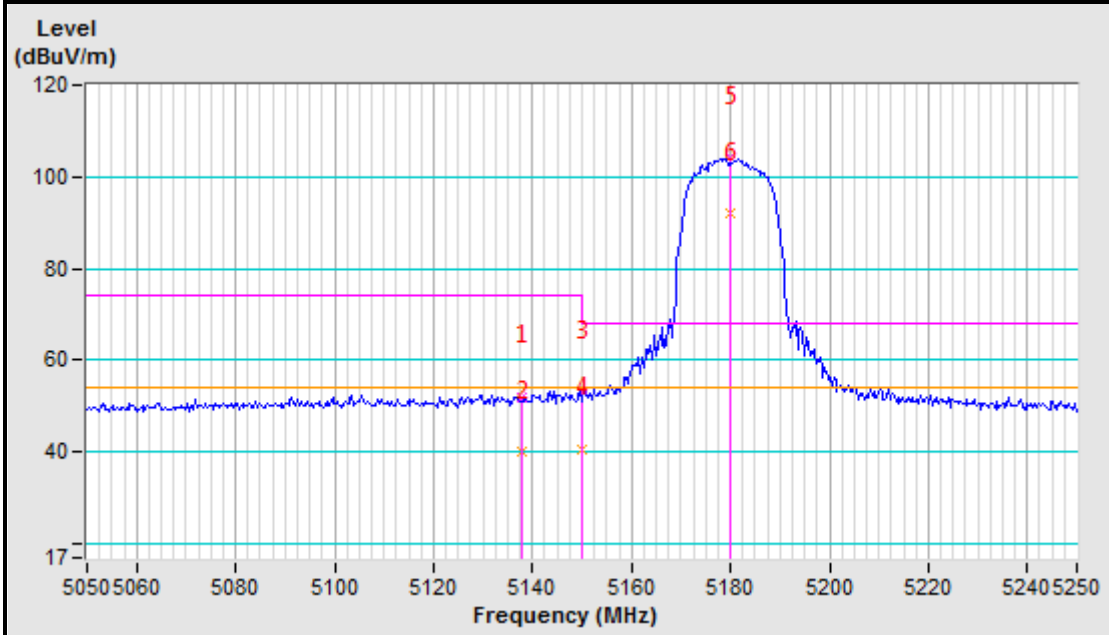
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5138.00	51.96 PK	74.00	-22.04	1.00 H	137	43.18	8.78
2	5138.00	39.97 AV	54.00	-14.03	1.00 H	137	31.19	8.78
3	5150.00	53.15 PK	74.00	-20.85	1.00 H	137	44.35	8.80
4	5150.00	40.60 AV	54.00	-13.40	1.00 H	137	31.80	8.80
5	*5180.00	104.21 PK			1.00 H	137	95.39	8.82
6	*5180.00	91.90 AV			1.00 H	137	83.08	8.82
7	#10360.00	60.12 PK	68.20	-8.08	1.00 H	0	42.31	17.81
8	15540.00	64.12 PK	74.00	-9.88	1.00 H	0	40.03	24.09
9	15540.00	48.70 AV	54.00	-5.30	1.00 H	0	24.61	24.09
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	5148.00	49.50 PK	74.00	-24.50	1.00 V	323	40.70	8.80
2	5148.00	38.50 AV	54.00	-15.50	1.00 V	323	29.70	8.80
3	5150.00	49.30 PK	74.00	-24.70	1.00 V	323	40.50	8.80
4	5150.00	38.70 AV	54.00	-15.30	1.00 V	323	29.90	8.80
5	*5180.00	93.09 PK			1.00 V	323	84.27	8.82
6	*5180.00	81.44 AV			1.00 V	323	72.62	8.82
7	#10360.00	57.26 PK	68.20	-10.94	1.00 V	0	39.45	17.81
8	15540.00	63.92 PK	74.00	-10.08	1.00 V	0	39.83	24.09
9	15540.00	48.22 AV	54.00	-5.78	1.00 V	0	24.13	24.09

REMARKS:

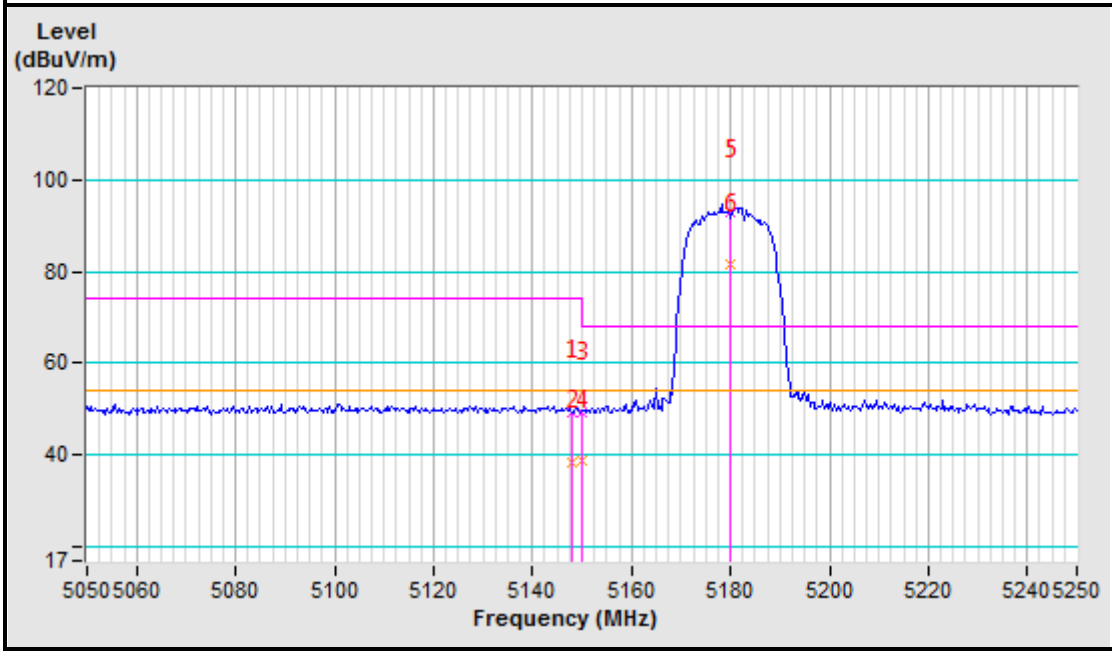
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5180MHz Horizontal



5180MHz Vertical



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	5143.00	51.52 PK	74.00	-22.48	1.00 H	138	42.73	8.79
2	5143.00	40.02 AV	54.00	-13.98	1.00 H	138	31.23	8.79
3	5150.00	52.62 PK	74.00	-21.38	1.00 H	138	43.82	8.80
4	5150.00	40.85 AV	54.00	-13.15	1.00 H	138	32.05	8.80
5	*5200.00	102.43 PK			1.00 H	138	93.58	8.85
6	*5200.00	90.41 AV			1.00 H	138	81.56	8.85
7	#10400.00	58.53 PK	68.20	-9.67	1.00 H	0	40.53	18.00
8	15600.00	63.49 PK	74.00	-10.51	1.00 H	0	39.28	24.21
9	15600.00	48.20 AV	54.00	-5.80	1.00 H	0	23.99	24.21
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	5147.00	50.03 PK	74.00	-23.97	1.00 V	118	41.24	8.79
2	5147.00	39.00 AV	54.00	-15.00	1.00 V	118	30.21	8.79
3	5150.00	50.29 PK	74.00	-23.71	1.00 V	118	41.49	8.80
4	5150.00	39.60 AV	54.00	-14.40	1.00 V	118	30.80	8.80
5	*5200.00	94.56 PK			1.00 V	118	85.71	8.85
6	*5200.00	82.47 AV			1.00 V	118	73.62	8.85
7	#10400.00	56.36 PK	68.20	-11.84	1.00 V	0	38.36	18.00
8	15600.00	63.48 PK	74.00	-10.52	1.00 V	0	39.27	24.21
9	15600.00	45.92 AV	54.00	-8.08	1.00 V	0	21.71	24.21

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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	5148.00	49.63 PK	74.00	-24.37	1.00 H	135	40.83	8.80
2	5148.00	38.50 AV	54.00	-15.50	1.00 H	135	29.70	8.80
3	5150.00	50.57 PK	74.00	-23.43	1.00 H	135	41.77	8.80
4	5150.00	38.59 AV	54.00	-15.41	1.00 H	135	29.79	8.80
5	*5240.00	100.54 PK			1.00 H	135	91.66	8.88
6	*5240.00	88.36 AV			1.00 H	135	79.48	8.88
7	5350.00	50.65 PK	74.00	-23.35	1.00 H	135	41.67	8.98
8	5350.00	39.06 AV	54.00	-14.94	1.00 H	135	30.08	8.98
9	5352.00	50.60 PK	74.00	-23.40	1.00 H	135	41.62	8.98
10	5352.00	39.01 AV	54.00	-14.99	1.00 H	135	30.03	8.98
11	#10480.00	58.00 PK	68.20	-10.20	1.00 H	0	39.63	18.37
12	15720.00	64.77 PK	74.00	-9.23	1.00 H	0	40.34	24.43
13	15720.00	48.12 AV	54.00	-5.88	1.00 H	0	23.69	24.43
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	5147.00	49.33 PK	74.00	-24.67	1.00 V	66	40.54	8.79
2	5147.00	38.70 AV	54.00	-15.30	1.00 V	66	29.91	8.79
3	5150.00	49.89 PK	74.00	-24.11	1.00 V	66	41.09	8.80
4	5150.00	38.90 AV	54.00	-15.10	1.00 V	66	30.10	8.80
5	*5240.00	93.40 PK			1.00 V	66	84.52	8.88
6	*5240.00	81.14 AV			1.00 V	66	72.26	8.88
7	5350.00	51.69 PK	74.00	-22.31	1.00 V	66	42.71	8.98
8	5350.00	40.05 AV	54.00	-13.95	1.00 V	66	31.07	8.98
9	5356.00	41.43 PK	74.00	-32.57	1.00 V	66	32.45	8.98
10	5356.00	40.05 AV	54.00	-13.95	1.00 V	66	31.07	8.98
11	#10480.00	57.46 PK	68.20	-10.74	1.00 V	0	39.09	18.37
12	15720.00	65.22 PK	74.00	-8.78	1.00 V	0	40.79	24.43
13	15720.00	48.96 AV	54.00	-5.04	1.00 V	0	24.53	24.43

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11n (40MHz)

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

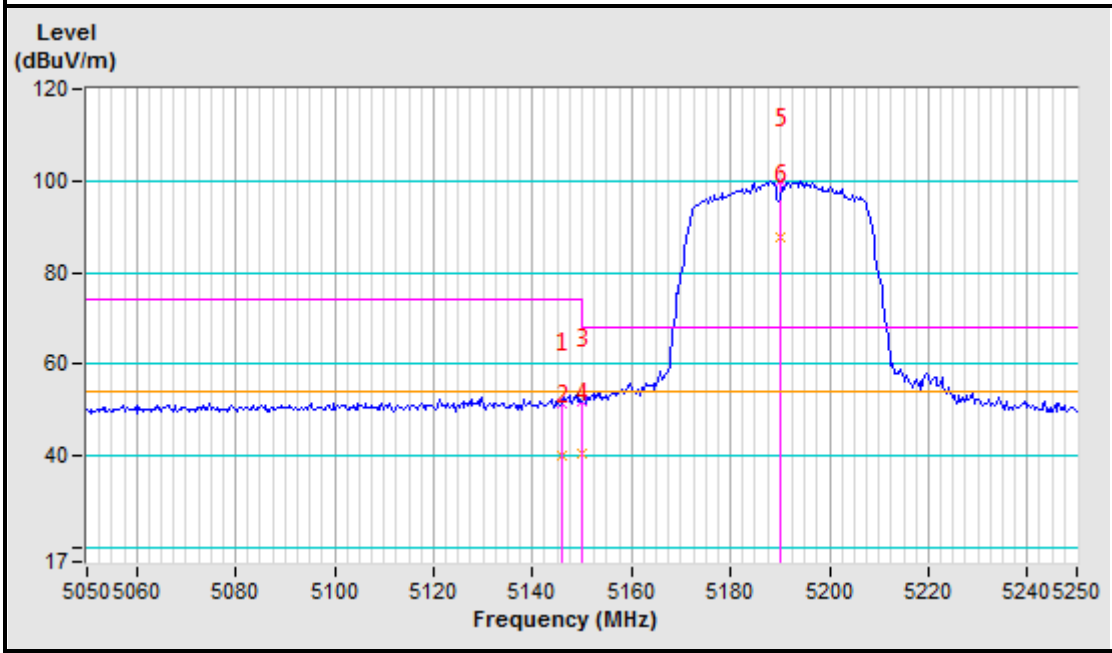
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5146.00	51.37 PK	74.00	-22.63	1.00 H	114	42.58	8.79
2	5146.00	40.00 AV	54.00	-14.00	1.00 H	114	31.21	8.79
3	5150.00	52.04 PK	74.00	-21.96	1.00 H	114	43.24	8.80
4	5150.00	40.50 AV	54.00	-13.50	1.00 H	114	31.70	8.80
5	*5190.00	99.99 PK			1.00 H	141	91.16	8.83
6	*5190.00	87.81 AV			1.00 H	141	78.98	8.83
7	#10380.00	58.84 PK	68.20	-9.36	1.00 H	0	40.93	17.91
8	15570.00	64.11 PK	74.00	-9.89	1.00 H	0	39.96	24.15
9	15570.00	48.63 AV	54.00	-5.37	1.00 H	0	24.48	24.15
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	5145.00	49.39 PK	74.00	-24.61	1.00 V	246	40.60	8.79
2	5145.00	38.08 AV	54.00	-15.92	1.00 V	246	29.29	8.79
3	5150.00	49.94 PK	74.00	-24.06	1.00 V	246	41.14	8.80
4	5150.00	38.33 AV	54.00	-15.67	1.00 V	246	29.53	8.80
5	*5190.00	93.46 PK			1.00 V	246	84.63	8.83
6	*5190.00	83.17 AV			1.00 V	246	74.34	8.83
7	#10380.00	57.52 PK	68.20	-10.68	1.00 V	0	39.61	17.91
8	15570.00	63.48 PK	74.00	-10.52	1.00 V	0	39.33	24.15
9	15570.00	45.90 AV	54.00	-8.10	1.00 V	0	21.75	24.15

REMARKS:

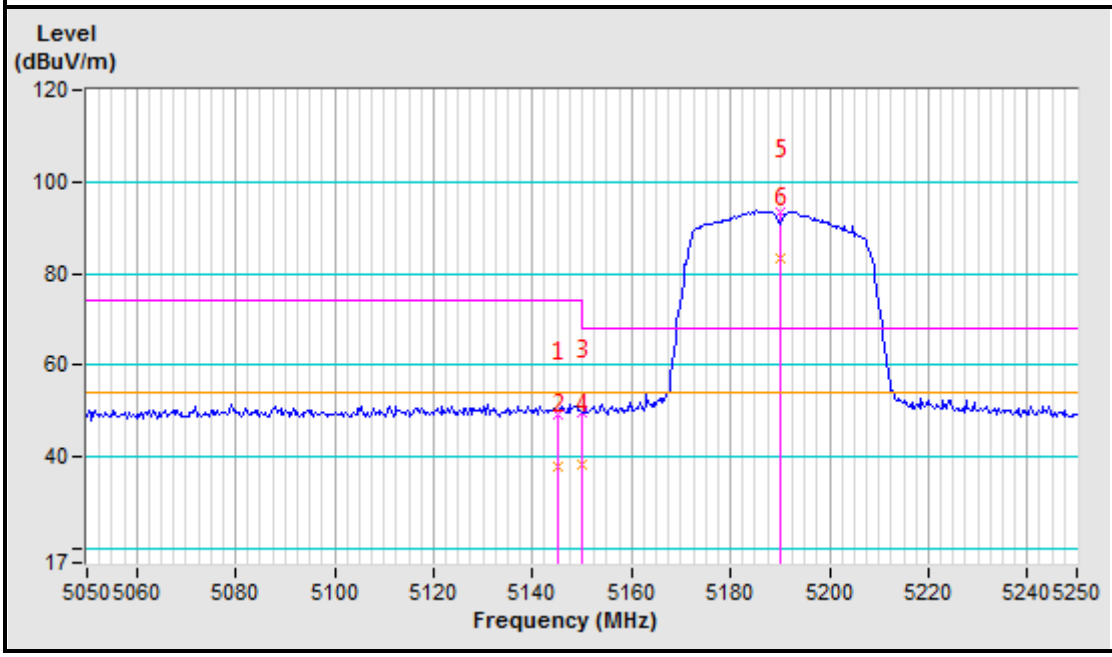
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5190MHz Horizontal



5190MHz Vertical



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

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	5147.00	50.84 PK	74.00	-23.16	1.00 H	147	42.05	8.79
2	5147.00	40.05 AV	54.00	-13.95	1.00 H	147	31.26	8.79
3	5150.00	51.11 PK	74.00	-22.89	1.00 H	147	42.31	8.80
4	5150.00	40.12 AV	54.00	-13.88	1.00 H	147	31.32	8.80
5	*5230.00	98.38 PK			1.00 H	147	89.51	8.87
6	*5230.00	86.44 AV			1.00 H	147	77.57	8.87
7	#10460.00	57.47 PK	68.20	-10.73	1.00 H	0	39.19	18.28
8	15690.00	64.41 PK	74.00	-9.59	1.00 H	0	40.04	24.37
9	15690.00	47.62 AV	54.00	-6.38	1.00 H	0	23.25	24.37
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	5142.00	50.07 PK	74.00	-23.93	1.00 V	80	41.28	8.79
2	5142.00	39.10 AV	54.00	-14.90	1.00 V	80	30.31	8.79
3	5150.00	51.30 PK	74.00	-22.70	1.00 V	80	42.50	8.80
4	5150.00	39.80 AV	54.00	-14.20	1.00 V	80	31.00	8.80
5	*5230.00	89.20 PK			1.00 V	80	80.33	8.87
6	*5230.00	78.14 AV			1.00 V	80	69.27	8.87
7	#10460.00	57.34 PK	68.20	-10.86	1.00 V	0	39.06	18.28
8	15690.00	63.41 PK	74.00	-10.59	1.00 V	0	39.04	24.37
9	15690.00	47.20 AV	54.00	-6.80	1.00 V	0	22.83	24.37

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (80MHz)

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

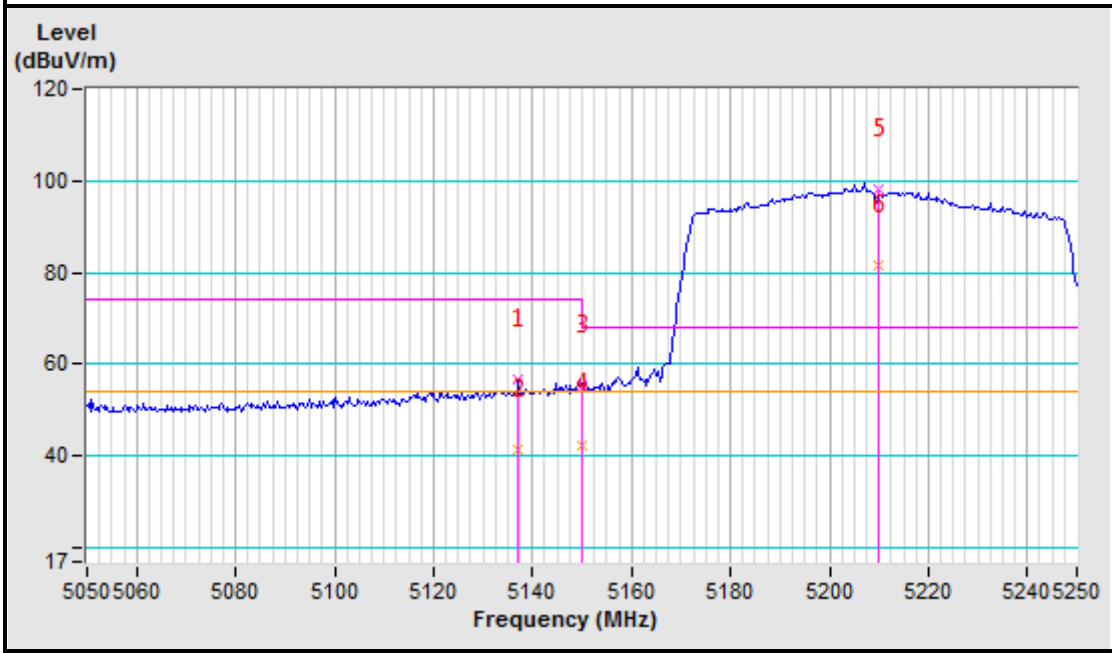
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5137.00	56.54 PK	74.00	-17.46	1.00 H	134	47.75	8.79
2	5137.00	41.33 AV	54.00	-12.67	1.00 H	134	32.54	8.79
3	5150.00	55.34 PK	74.00	-18.66	1.00 H	137	46.54	8.80
4	5150.00	42.47 AV	54.00	-11.53	1.00 H	137	33.67	8.80
5	*5210.00	98.13 PK			1.00 H	134	89.28	8.85
6	*5210.00	81.55 AV			1.00 H	134	72.70	8.85
7	#10420.00	60.11 PK	68.20	-8.09	1.00 H	0	42.02	18.09
8	15630.00	64.77 PK	74.00	-9.23	1.00 H	0	40.51	24.26
9	15630.00	47.23 AV	54.00	-6.77	1.00 H	0	22.97	24.26
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	5147.00	49.75 PK	74.00	-24.25	1.00 V	50	40.96	8.79
2	5147.00	38.00 AV	54.00	-16.00	1.00 V	50	29.21	8.79
3	5150.00	51.42 PK	74.00	-22.58	1.00 V	50	42.62	8.80
4	5150.00	38.70 AV	54.00	-15.30	1.00 V	50	29.90	8.80
5	*5210.00	88.30 PK			1.00 V	50	79.45	8.85
6	*5210.00	76.59 AV			1.00 V	50	67.74	8.85
7	#10420.00	57.06 PK	68.20	-11.14	1.00 V	0	38.97	18.09
8	15630.00	63.42 PK	74.00	-10.58	1.00 V	0	39.16	24.26
9	15630.00	47.15 AV	54.00	-6.85	1.00 V	0	22.89	24.26

REMARKS:

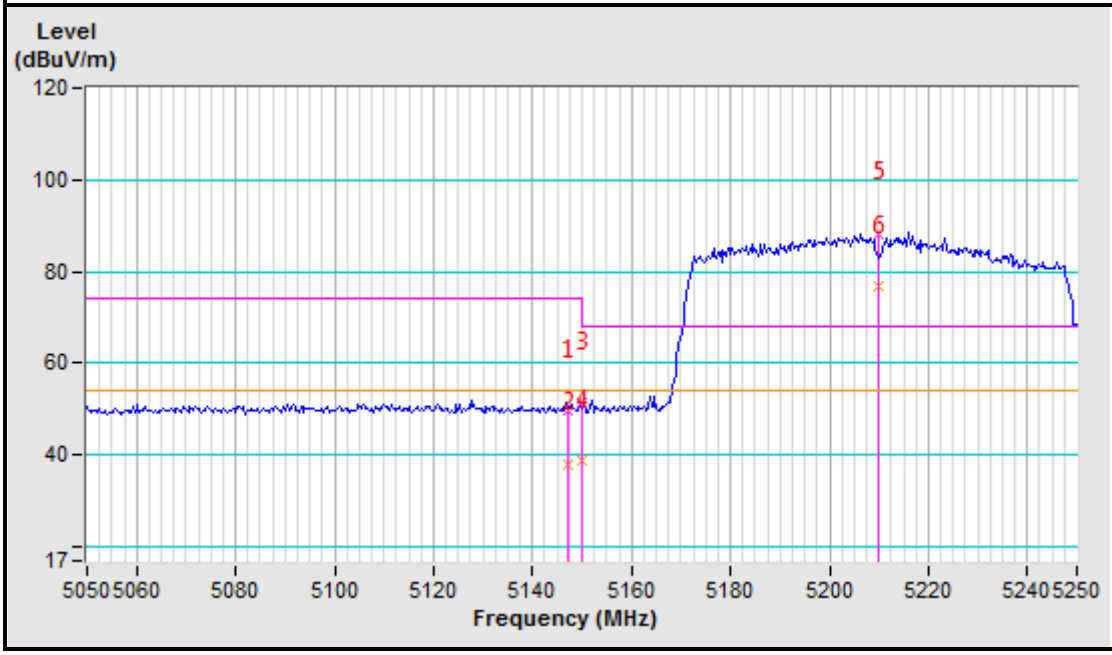
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5210MHz Horizontal



5210MHz Vertical



Band 2 (5250-5350MHz): ABOVE 1GHz DATA 802.11a

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

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	5140.00	50.13 PK	74.00	-23.87	1.00 H	128	41.34	8.79
2	5140.00	38.52 AV	54.00	-15.48	1.00 H	128	29.73	8.79
3	5150.00	51.34 PK	74.00	-22.66	1.00 H	128	42.54	8.80
4	5150.00	38.46 AV	54.00	-15.54	1.00 H	128	29.66	8.80
5	*5260.00	101.24 PK			1.00 H	128	92.34	8.90
6	*5260.00	89.12 AV			1.00 H	128	80.22	8.90
7	5350.00	52.45 PK	74.00	-21.55	1.00 H	128	43.47	8.98
8	5350.00	39.60 AV	54.00	-14.40	1.00 H	128	30.62	8.98
9	5355.00	52.09 PK	74.00	-21.91	1.00 H	128	43.10	8.99
10	5355.00	39.41 AV	54.00	-14.59	1.00 H	128	30.42	8.99
11	#10520.00	60.06 PK	68.20	-8.14	1.00 H	0	41.54	18.52
12	15780.00	64.15 PK	74.00	-9.85	1.00 H	0	39.62	24.53
13	15780.00	47.66 AV	54.00	-6.34	1.00 H	0	23.13	24.53
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	5149.00	50.08 PK	74.00	-23.92	1.00 V	0	41.28	8.80
2	5149.00	38.41 AV	54.00	-15.59	1.00 V	0	29.61	8.80
3	5150.00	50.12 PK	74.00	-23.88	1.00 V	0	41.32	8.80
4	5150.00	38.50 AV	54.00	-15.50	1.00 V	0	29.70	8.80
5	*5260.00	57.63 PK			1.00 V	0	48.73	8.90
6	*5260.00	94.45 PK			1.00 V	0	85.55	8.90
7	*5260.00	82.86 AV			1.00 V	0	73.96	8.90
8	5350.00	51.70 PK	74.00	-22.30	1.00 V	0	42.72	8.98
9	5350.00	39.20 AV	54.00	-14.80	1.00 V	0	30.22	8.98
10	5356.00	50.96 PK	74.00	-23.04	1.00 V	0	41.98	8.98
11	5356.00	39.00 AV	54.00	-15.00	1.00 V	0	30.02	8.98
12	15780.00	63.44 PK	74.00	-10.56	1.00 V	0	38.91	24.53
13	15780.00	48.50 AV	54.00	-5.50	1.00 V	0	23.97	24.53

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	101.90 PK			1.00 H	126	92.97	8.93
2	*5300.00	89.80 AV			1.00 H	126	80.87	8.93
3	5350.00	51.57 PK	74.00	-22.43	1.00 H	126	42.59	8.98
4	5350.00	39.70 AV	54.00	-14.30	1.00 H	126	30.72	8.98
5	5352.00	52.01 PK	74.00	-21.99	1.00 H	126	43.03	8.98
6	5352.00	39.56 AV	54.00	-14.44	1.00 H	126	30.58	8.98
7	10600.00	59.34 PK	74.00	-14.66	1.00 H	0	40.63	18.71
8	10600.00	45.70 AV	54.00	-8.30	1.00 H	0	26.99	18.71
9	15900.00	57.83 PK	74.00	-16.17	1.00 H	0	33.08	24.75
10	15900.00	44.60 AV	54.00	-9.40	1.00 H	0	19.85	24.75
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	93.74 PK			1.00 V	144	84.81	8.93
2	*5300.00	82.40 AV			1.00 V	144	73.47	8.93
3	5350.00	51.42 PK	74.00	-22.58	1.00 V	144	42.44	8.98
4	5350.00	39.05 AV	54.00	-14.95	1.00 V	144	30.07	8.98
5	5355.00	51.64 PK	74.00	-22.36	1.00 V	144	42.65	8.99
6	5355.00	39.10 AV	54.00	-14.90	1.00 V	144	30.11	8.99
7	10600.00	58.79 PK	74.00	-15.21	1.00 V	0	40.08	18.71
8	10600.00	46.03 AV	54.00	-7.97	1.00 V	0	27.32	18.71
9	15900.00	64.29 PK	74.00	-9.71	1.00 V	0	39.54	24.75
10	15900.00	48.70 AV	54.00	-5.30	1.00 V	0	23.95	24.75

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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

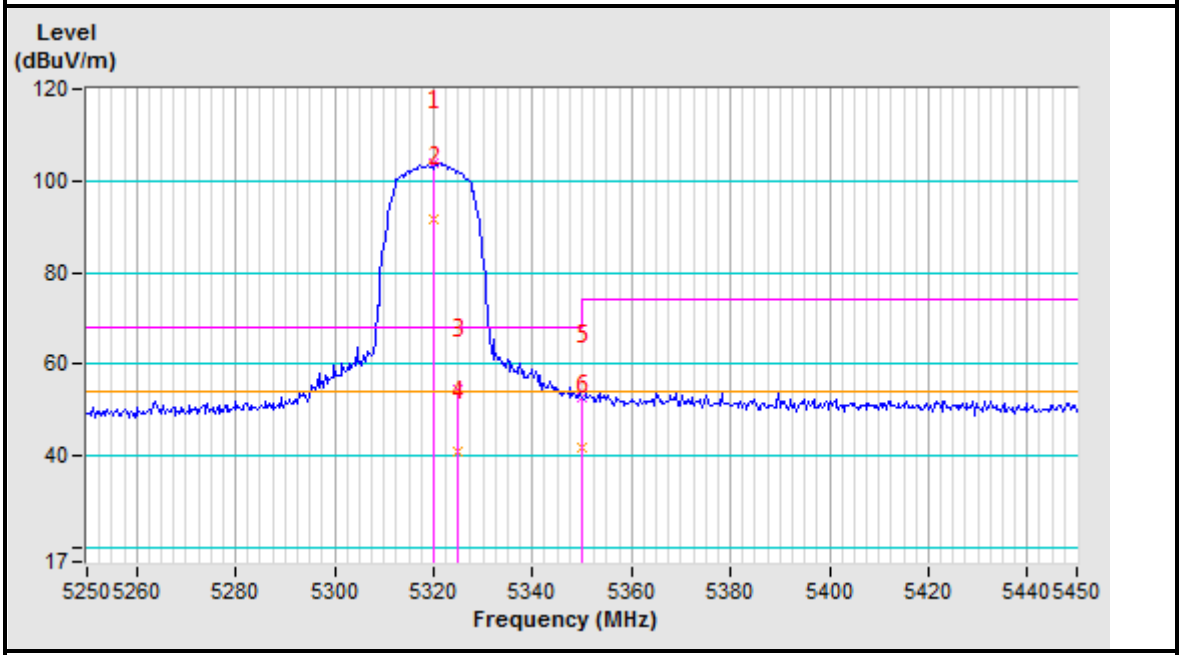
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.04 PK			1.00 H	136	95.08	8.96
2	*5320.00	91.76 AV			1.00 H	136	82.80	8.96
3	#5325.00	54.46 PK	68.20	-13.74	1.00 H	136	45.50	8.96
4	#5325.00	41.02 AV	54.00	-12.98	1.00 H	136	32.06	8.96
5	5350.00	52.94 PK	74.00	-21.06	1.00 H	136	43.96	8.98
6	5350.00	42.02 AV	54.00	-11.98	1.00 H	136	33.04	8.98
7	10640.00	58.41 PK	74.00	-15.59	1.00 H	0	39.60	18.81
8	10640.00	45.80 AV	54.00	-8.20	1.00 H	0	26.99	18.81
9	15960.00	63.14 PK	74.00	-10.86	1.00 H	0	38.27	24.87
10	15960.00	48.05 AV	54.00	-5.95	1.00 H	0	23.18	24.87
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	#5155.00	50.22 PK	68.20	-17.98	1.00 V	54	41.42	8.80
2	#5155.00	40.60 AV	54.00	-13.40	1.00 V	54	31.80	8.80
3	*5320.00	95.24 PK			1.00 V	54	86.28	8.96
4	*5320.00	82.69 AV			1.00 V	54	73.73	8.96
5	5350.00	51.88 PK	74.00	-22.12	1.00 V	54	42.90	8.98
6	5350.00	41.26 AV	54.00	-12.74	1.00 V	54	32.28	8.98
7	10640.00	57.44 PK	74.00	-16.56	1.00 V	0	38.63	18.81
8	10640.00	45.16 AV	54.00	-8.84	1.00 V	0	26.35	18.81
9	15960.00	63.45 PK	74.00	-10.55	1.00 V	0	38.58	24.87
10	15960.00	47.12 AV	54.00	-6.88	1.00 V	0	22.25	24.87

REMARKS:

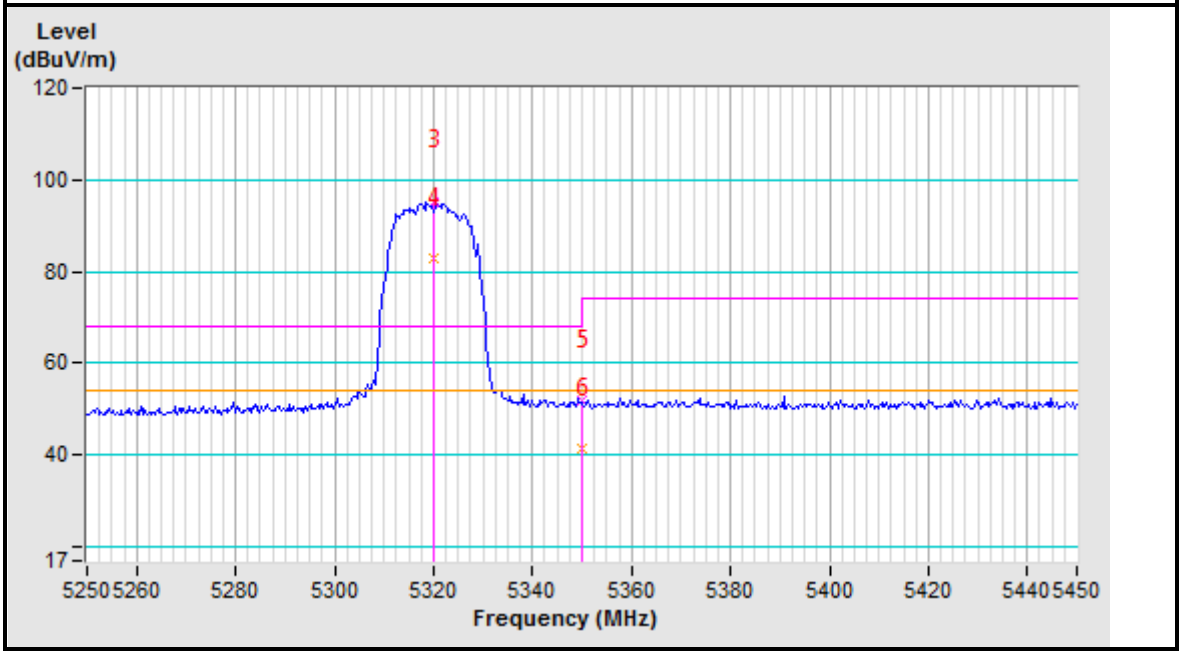
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

Band edge Plot

5320MHz Horizontal



5320MHz Vertical



802.11n (20MHz)

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

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	5142.00	50.92 PK	74.00	-23.08	1.00 H	134	42.13	8.79
2	5142.00	38.28 AV	54.00	-15.72	1.00 H	134	29.49	8.79
3	5150.00	49.52 PK	74.00	-24.48	1.00 H	134	40.72	8.80
4	5150.00	38.25 AV	54.00	-15.75	1.00 H	134	29.45	8.80
5	#5160.00	52.11 PK	68.20	-16.09	1.00 H	134	43.31	8.80
6	#5160.00	39.29 AV	54.00	-14.71	1.00 H	134	30.49	8.80
7	*5260.00	101.58 PK			1.00 H	134	92.68	8.90
8	*5260.00	89.13 AV			1.00 H	134	80.23	8.90
9	5350.00	51.68 PK	74.00	-22.32	1.00 H	134	42.70	8.98
10	5350.00	39.43 AV	54.00	-14.57	1.00 H	134	30.45	8.98
11	#10520.00	58.16 PK	68.20	-10.04	1.00 H	0	39.64	18.52
12	15780.00	64.23 PK	74.00	-9.77	1.00 H	0	39.70	24.53
13	15780.00	47.90 AV	54.00	-6.10	1.00 H	0	23.37	24.53
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	5144.00	49.36 PK	74.00	-24.64	1.00 V	60	40.56	8.80
2	5144.00	38.06 AV	54.00	-15.94	1.00 V	60	29.26	8.80
3	5150.00	50.17 PK	74.00	-23.83	1.00 V	60	41.37	8.80
4	5150.00	38.11 AV	54.00	-15.89	1.00 V	60	29.31	8.80
5	*5260.00	93.79 PK			1.00 V	60	84.89	8.90
6	*5260.00	81.66 AV			1.00 V	60	72.76	8.90
7	5350.00	50.77 PK	74.00	-23.23	1.00 V	60	41.79	8.98
8	5350.00	39.50 AV	54.00	-14.50	1.00 V	60	30.52	8.98
9	5356.00	50.54 PK	74.00	-23.46	1.00 V	60	41.56	8.98
10	5356.00	39.20 AV	54.00	-14.80	1.00 V	60	30.22	8.98
11	#10520.00	57.79 PK	68.20	-10.41	1.00 V	0	39.27	18.52
12	15780.00	63.26 PK	74.00	-10.74	1.00 V	0	38.73	24.53
13	15780.00	48.50 AV	54.00	-5.50	1.00 V	0	23.97	24.53

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	101.45 PK			1.00 H	155	92.52	8.93
2	*5300.00	89.08 AV			1.00 H	155	80.15	8.93
3	5350.00	52.16 PK	74.00	-21.84	1.00 H	155	43.18	8.98
4	5350.00	40.28 AV	54.00	-13.72	1.00 H	155	31.30	8.98
5	5356.00	51.48 PK	74.00	-22.52	1.00 H	155	42.50	8.98
6	5356.00	40.05 AV	54.00	-13.95	1.00 H	155	31.07	8.98
7	10600.00	58.41 PK	74.00	-15.59	1.00 H	0	39.70	18.71
8	10600.00	45.23 AV	54.00	-8.77	1.00 H	0	26.52	18.71
9	15900.00	64.39 PK	74.00	-9.61	1.00 H	0	39.64	24.75
10	15900.00	49.12 AV	54.00	-4.88	1.00 H	0	24.37	24.75
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	93.12 PK			1.00 V	156	84.19	8.93
2	*5300.00	80.98 AV			1.00 V	156	72.05	8.93
3	5350.00	51.62 PK	74.00	-22.38	1.00 V	156	42.64	8.98
4	5350.00	39.60 AV	54.00	-14.40	1.00 V	156	30.62	8.98
5	5357.00	52.29 PK	74.00	-21.71	1.00 V	156	43.30	8.99
6	5357.00	39.40 AV	54.00	-14.60	1.00 V	156	30.41	8.99
7	10600.00	57.46 PK	74.00	-16.54	1.00 V	0	38.75	18.71
8	10600.00	45.52 AV	54.00	-8.48	1.00 V	0	26.81	18.71
9	15900.00	63.29 PK	74.00	-10.71	1.00 V	0	38.54	24.75
10	15900.00	47.22 AV	54.00	-6.78	1.00 V	0	22.47	24.75

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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

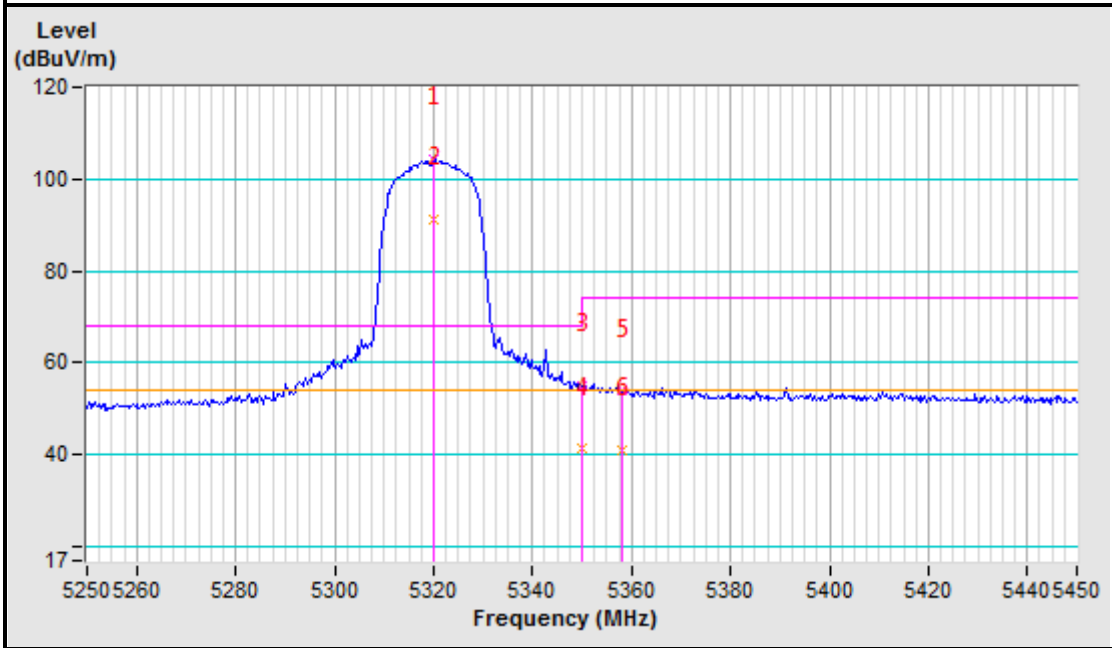
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	104.43 PK			1.00 H	135	95.47	8.96
2	*5320.00	91.36 AV			1.00 H	135	82.40	8.96
3	5350.00	54.99 PK	74.00	-19.01	1.00 H	135	46.01	8.98
4	5350.00	41.25 AV	54.00	-12.75	1.00 H	135	32.27	8.98
5	5358.00	53.96 PK	74.00	-20.04	1.00 H	135	44.97	8.99
6	5358.00	41.11 AV	54.00	-12.89	1.00 H	135	32.12	8.99
7	10640.00	57.43 PK	74.00	-16.57	1.00 H	0	38.62	18.81
8	10640.00	45.55 AV	54.00	-8.45	1.00 H	0	26.74	18.81
9	15960.00	63.84 PK	74.00	-10.16	1.00 H	0	38.97	24.87
10	15960.00	47.90 AV	54.00	-6.10	1.00 H	0	23.03	24.87
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	97.57 PK			1.00 V	200	88.61	8.96
2	*5320.00	85.65 AV			1.00 V	200	76.69	8.96
3	5350.00	51.10 PK	74.00	-22.90	1.00 V	200	42.12	8.98
4	5350.00	39.50 AV	54.00	-14.50	1.00 V	200	30.52	8.98
5	5354.00	51.48 PK	74.00	-22.52	1.00 V	200	42.49	8.99
6	5354.00	39.33 AV	54.00	-14.67	1.00 V	200	30.34	8.99
7	10640.00	56.14 PK	74.00	-17.86	1.00 V	0	37.33	18.81
8	10640.00	45.00 AV	54.00	-9.00	1.00 V	0	26.19	18.81
9	15960.00	63.14 PK	74.00	-10.86	1.00 V	0	38.27	24.87
10	15960.00	47.80 AV	54.00	-6.20	1.00 V	0	22.93	24.87

REMARKS:

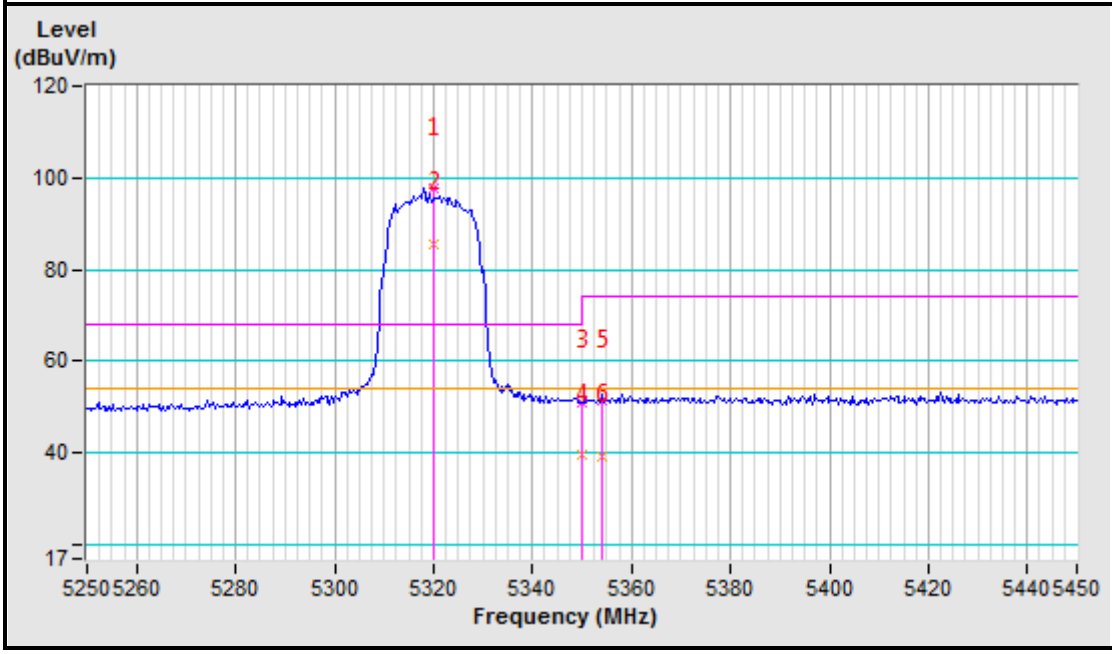
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

Band edge Plot

5320MHz Horizontal



5320MHz Vertical



802.11n (40MHz)

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

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	98.23 PK			1.00 H	136	89.32	8.91
2	*5270.00	84.50 AV			1.00 H	136	75.59	8.91
3	5350.00	51.69 PK	74.00	-22.31	1.00 H	136	42.71	8.98
4	5350.00	39.45 AV	54.00	-14.55	1.00 H	136	30.47	8.98
5	5364.00	51.23 PK	74.00	-22.77	1.00 H	136	42.24	8.99
6	5364.00	39.48 AV	54.00	-14.52	1.00 H	136	30.49	8.99
7	#10540.00	58.93 PK	68.20	-9.27	1.00 H	0	40.36	18.57
8	15810.00	65.12 PK	74.00	-8.88	1.00 H	0	40.53	24.59
9	15810.00	47.60 AV	54.00	-6.40	1.00 H	0	23.01	24.59
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	90.11 PK			1.00 V	159	81.20	8.91
2	*5270.00	79.41 AV			1.00 V	159	70.50	8.91
3	5350.00	51.05 PK	74.00	-22.95	1.00 V	159	42.07	8.98
4	5350.00	39.40 AV	54.00	-14.60	1.00 V	159	30.42	8.98
5	5358.00	51.42 PK	74.00	-22.58	1.00 V	159	42.43	8.99
6	5358.00	39.07 AV	54.00	-14.93	1.00 V	159	30.08	8.99
7	#10540.00	57.82 PK	68.20	-10.38	1.00 V	0	39.25	18.57
8	15810.00	64.05 PK	74.00	-9.95	1.00 V	0	39.46	24.59
9	15810.00	47.88 AV	54.00	-6.12	1.00 V	0	23.29	24.59

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

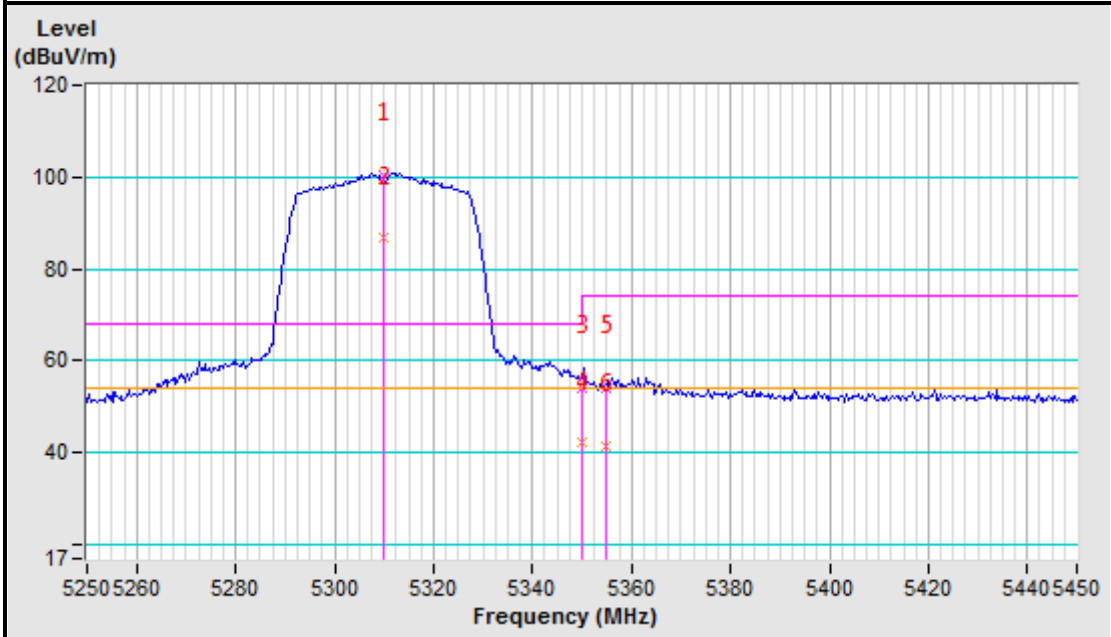
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	100.52 PK			1.00 H	120	91.57	8.95
2	*5310.00	86.72 AV			1.00 H	120	77.77	8.95
3	5350.00	54.13 PK	74.00	-19.87	1.00 H	120	45.15	8.98
4	5350.00	42.19 AV	54.00	-11.81	1.00 H	120	33.21	8.98
5	5355.00	54.12 PK	74.00	-19.88	1.00 H	120	45.13	8.99
6	5355.00	41.51 AV	54.00	-12.49	1.00 H	120	32.52	8.99
7	10620.00	59.47 PK	74.00	-14.53	1.00 H	0	40.71	18.76
8	10620.00	45.70 AV	54.00	-8.30	1.00 H	0	26.94	18.76
9	15930.00	65.23 PK	74.00	-8.77	1.00 H	0	40.42	24.81
10	**15930.00**	**49.70 AV**	**54.00**	**-4.30**	**1.00 H**	**0**	**24.89**	**24.81**
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	92.67 PK			1.00 V	30	83.72	8.95
2	*5310.00	78.10 AV			1.00 V	30	69.15	8.95
3	5350.00	50.65 PK	74.00	-23.35	1.00 V	30	41.67	8.98
4	5350.00	39.10 AV	54.00	-14.90	1.00 V	30	30.12	8.98
5	5354.00	50.45 PK	74.00	-23.55	1.00 V	30	41.46	8.99
6	5354.00	39.06 AV	54.00	-14.94	1.00 V	30	30.07	8.99
7	10620.00	58.94 PK	74.00	-15.06	1.00 V	0	40.18	18.76
8	10620.00	46.51 AV	54.00	-7.49	1.00 V	0	27.75	18.76
9	15930.00	63.41 PK	74.00	-10.59	1.00 V	0	38.60	24.81
10	15930.00	48.52 AV	54.00	-5.48	1.00 V	0	23.71	24.81

REMARKS:

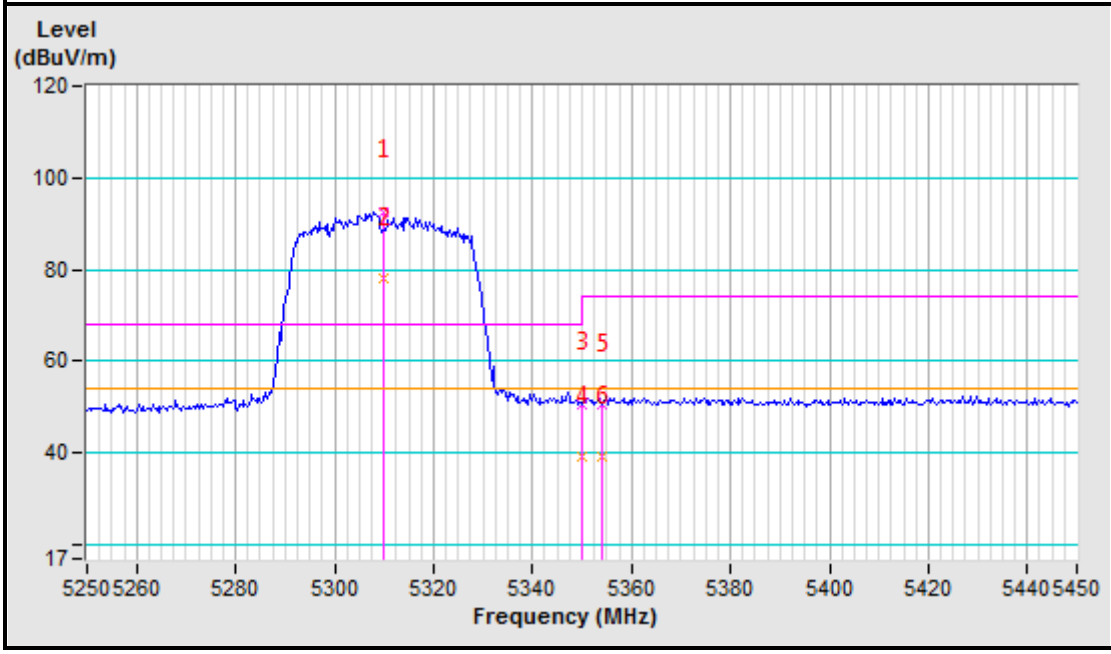
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

Band edge Plot

5310MHz Horizontal



5310MHz Vertical



802.11ac 80MHz

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

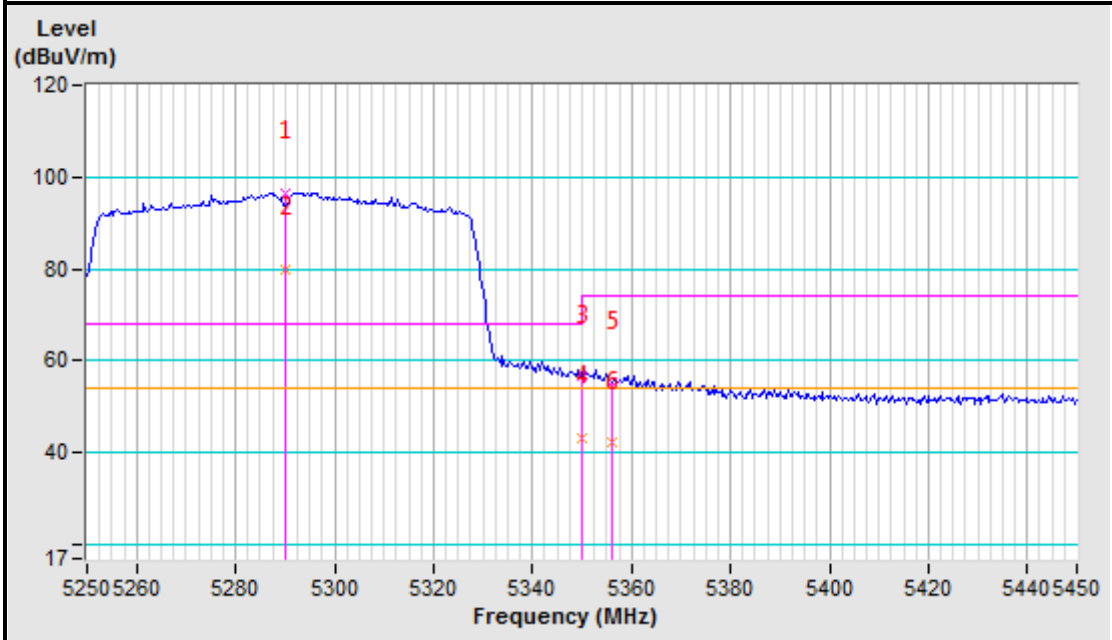
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5290.00	96.59 PK			1.00 H	140	87.66	8.93
2	*5290.00	79.89 AV			1.00 H	140	70.96	8.93
3	5350.00	56.71 PK	74.00	-17.29	1.00 H	140	47.73	8.98
4	5350.00	43.30 AV	54.00	-10.70	1.00 H	140	34.32	8.98
5	5356.00	55.23 PK	74.00	-18.77	1.00 H	140	46.25	8.98
6	5356.00	42.13 AV	54.00	-11.87	1.00 H	140	33.15	8.98
7	#10580.00	60.03 PK	68.20	-8.17	1.00 H	0	41.37	18.66
8	15870.00	65.12 PK	74.00	-8.88	1.00 H	0	40.42	24.70
9	15870.00	48.88 AV	54.00	-5.12	1.00 H	0	24.18	24.70
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	87.69 PK			1.00 V	40	78.76	8.93
2	*5290.00	70.11 AV			1.00 V	40	61.18	8.93
3	5350.00	51.44 PK	74.00	-22.56	1.00 V	40	42.46	8.98
4	5350.00	39.77 AV	54.00	-14.23	1.00 V	40	30.79	8.98
5	5358.00	51.61 PK	74.00	-22.39	1.00 V	40	42.62	8.99
6	5358.00	39.70 AV	54.00	-14.30	1.00 V	40	30.71	8.99
7	#10580.00	56.71 PK	68.20	-11.49	1.00 V	0	38.05	18.66
8	15870.00	63.48 PK	74.00	-10.52	1.00 V	0	38.78	24.70
9	15870.00	48.00 AV	54.00	-6.00	1.00 V	0	23.30	24.70

REMARKS:

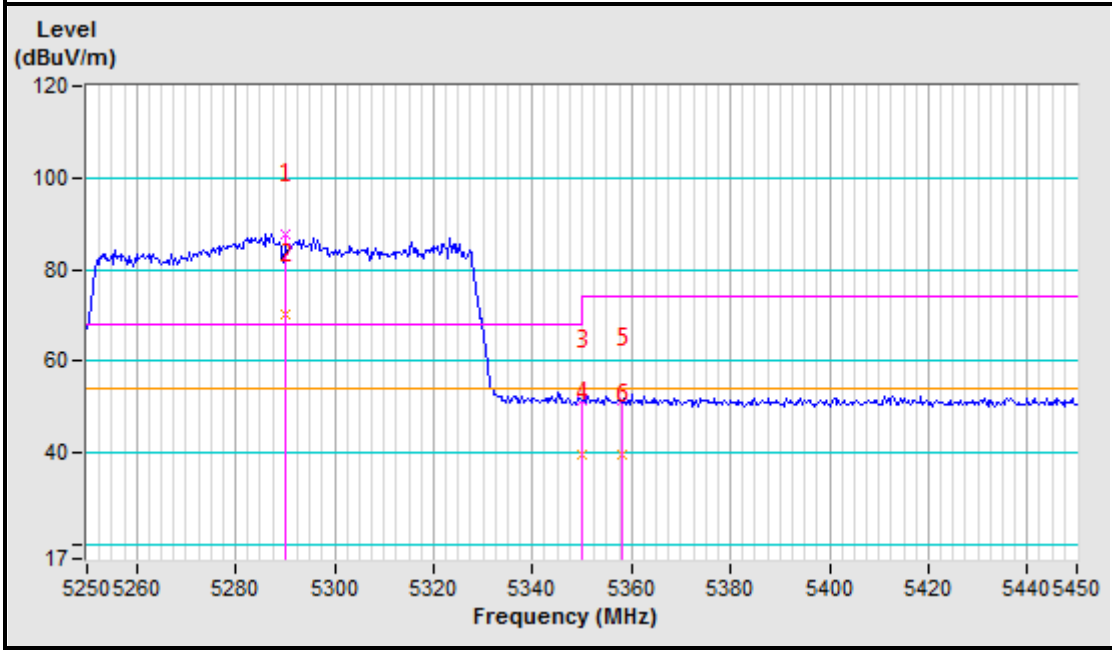
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5290MHz Horizontal



5290MHz Vertical



Band 3 (5470-5725MHz): ABOVE 1GHz DATA 802.11a

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

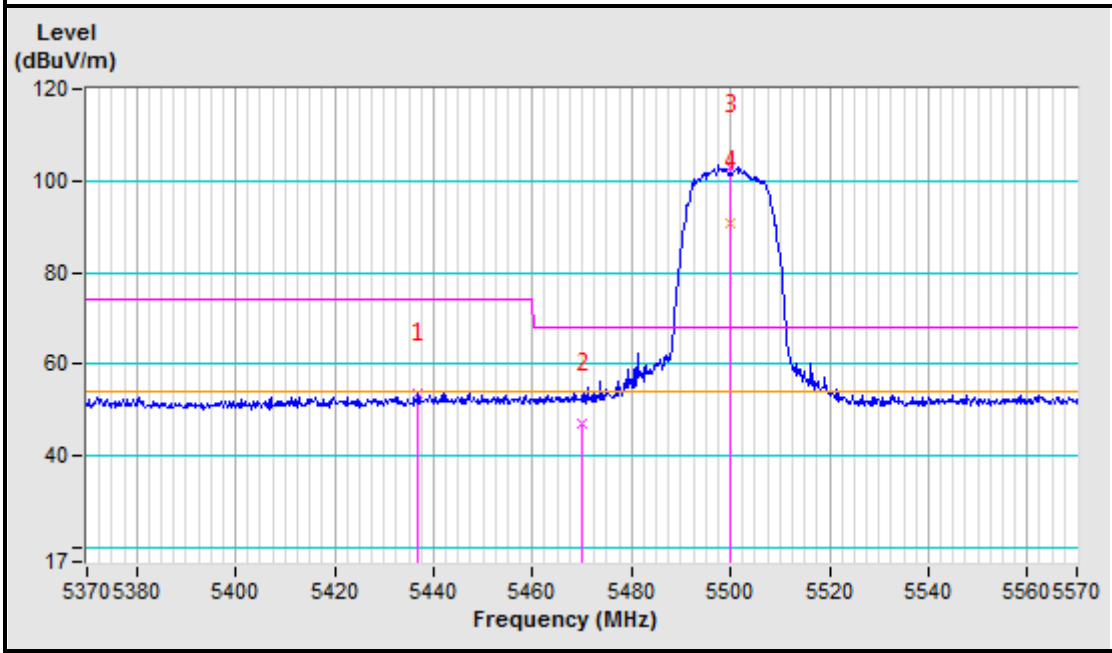
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5437.00	53.45 PK	74.00	-20.55	2.00 H	0	44.39	9.06
2	#5470.00	47.07 PK	68.20	-21.13	2.00 H	0	37.98	9.09
3	*5500.00	103.03 PK			2.00 H	0	93.91	9.12
4	*5500.00	90.85 AV			2.00 H	0	81.73	9.12
5	11000.00	60.12 PK	74.00	-13.88	1.00 H	0	40.44	19.68
6	11000.00	45.50 AV	54.00	-8.50	1.00 H	0	25.82	19.68
7	#16500.00	64.12 PK	68.20	-4.08	1.00 H	0	38.69	25.43
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	5458.46	50.81 PK	74.00	-23.19	1.18 V	295	41.73	9.08
2	#5470.00	49.90 PK	68.20	-18.30	1.18 V	295	40.81	9.09
3	*5500.00	98.68 PK			1.18 V	295	89.56	9.12
4	*5500.00	86.01 AV			1.18 V	295	76.89	9.12
5	11000.00	58.43 PK	74.00	-15.57	1.00 V	0	38.75	19.68
6	11000.00	44.60 AV	54.00	-9.40	1.00 V	0	24.92	19.68
7	#16500.00	63.80 PK	68.20	-4.40	1.00 V	0	38.37	25.43

REMARKS:

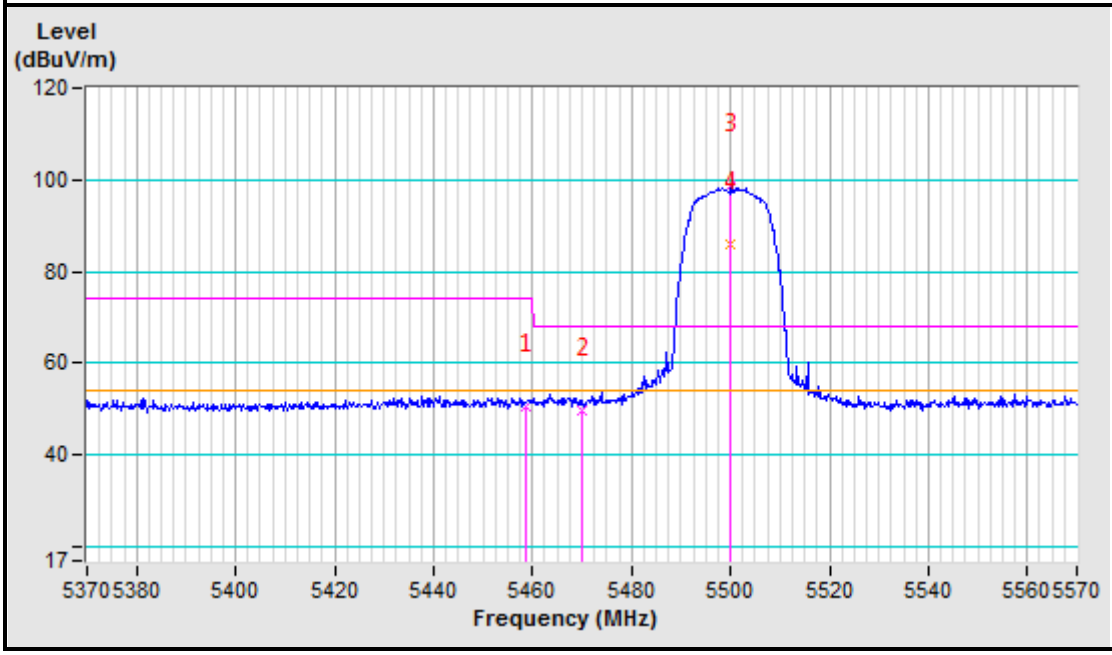
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5500MHz Horizontal



5500MHz Vertical



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	#5470.00	54.10 PK	68.20	-14.10	1.00 H	50	45.01	9.09
2	*5580.00	103.74 PK			1.00 H	50	94.32	9.42
3	*5580.00	91.22 AV			1.00 H	50	81.80	9.42
4	11160.00	59.42 PK	74.00	-14.58	1.00 H	0	39.47	19.95
5	11160.00	46.10 AV	54.00	-7.90	1.00 H	0	26.15	19.95
6	#16740.00	64.70 PK	68.20	-3.50	1.00 H	0	38.50	26.20
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	#5470.00	52.08 PK	68.20	-16.12	1.00 V	126	42.99	9.09
2	*5580.00	96.08 PK			1.00 V	126	86.66	9.42
3	*5580.00	83.67 AV			1.00 V	126	74.25	9.42
4	11160.00	57.64 PK	74.00	-16.36	1.00 V	0	37.69	19.95
5	11160.00	45.12 AV	54.00	-8.88	1.00 V	0	25.17	19.95
6	#16740.00	63.92 PK	68.20	-4.28	1.00 V	0	37.72	26.20

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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		

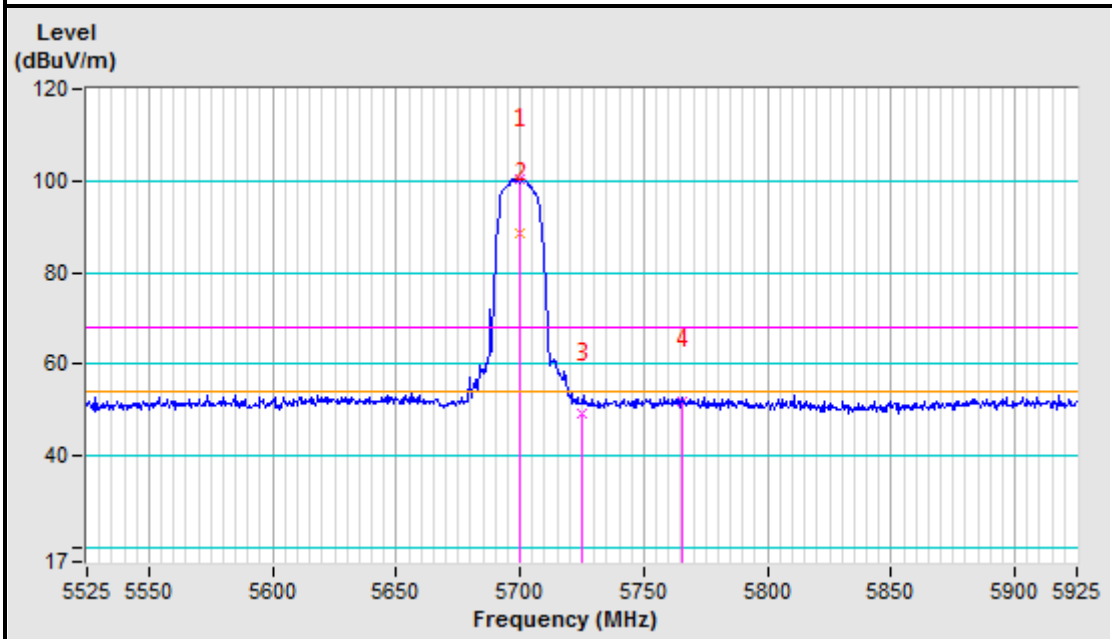
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	100.29 PK			1.00 H	218	90.42	9.87
2	*5700.00	88.50 AV			1.00 H	218	78.63	9.87
3	#5725.00	49.25 PK	68.20	-18.95	1.00 H	218	39.29	9.96
4	#5765.38	52.08 PK	68.20	-16.12	1.00 H	218	41.98	10.10
5	11400.00	58.49 PK	74.00	-15.51	1.00 H	0	38.14	20.35
6	11400.00	44.63 AV	54.00	-9.37	1.00 H	0	24.28	20.35
7	#17100.00	64.77 PK	68.20	-3.43	1.00 H	0	37.63	27.14
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	96.69 PK			1.00 V	60	86.82	9.87
2	*5700.00	84.79 AV			1.00 V	60	74.92	9.87
3	#5725.00	51.06 PK	68.20	-17.14	1.00 V	60	41.10	9.96
4	#5776.00	51.92 PK	68.20	-16.28	1.00 V	60	41.78	10.14
5	11400.00	58.25 PK	74.00	-15.75	1.00 V	0	37.90	20.35
6	11400.00	45.28 AV	54.00	-8.72	1.00 V	0	24.93	20.35
7	#17100.00	64.44 PK	68.20	-3.76	1.00 V	0	37.30	27.14

REMARKS:

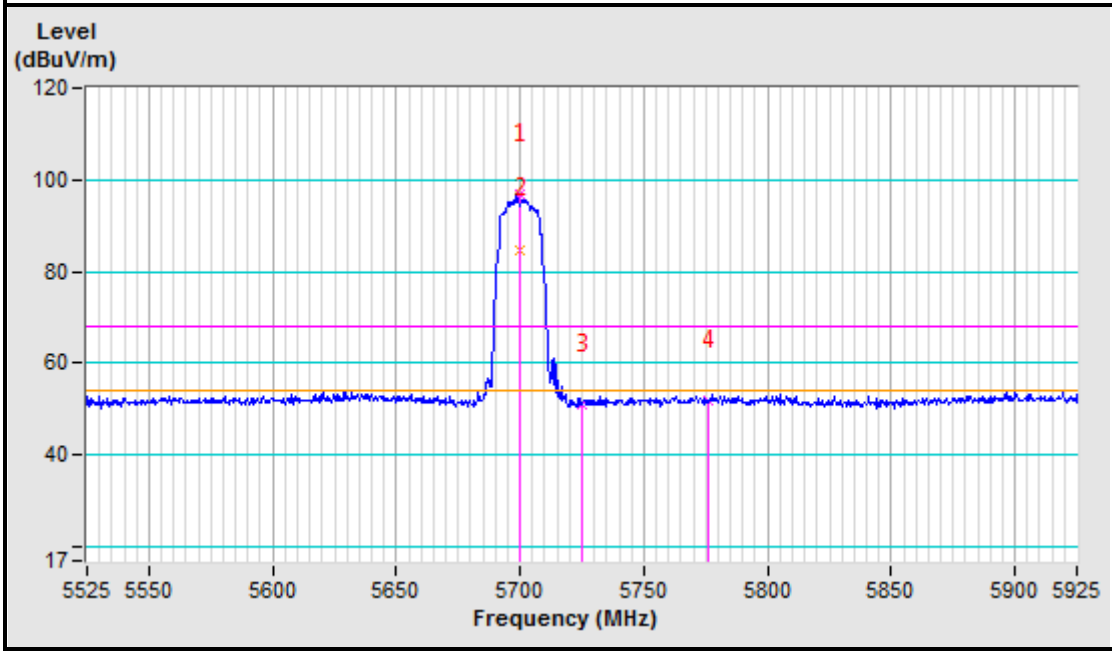
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5700MHz Horizontal



5700MHz Vertical



802.11n (20MHz)

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

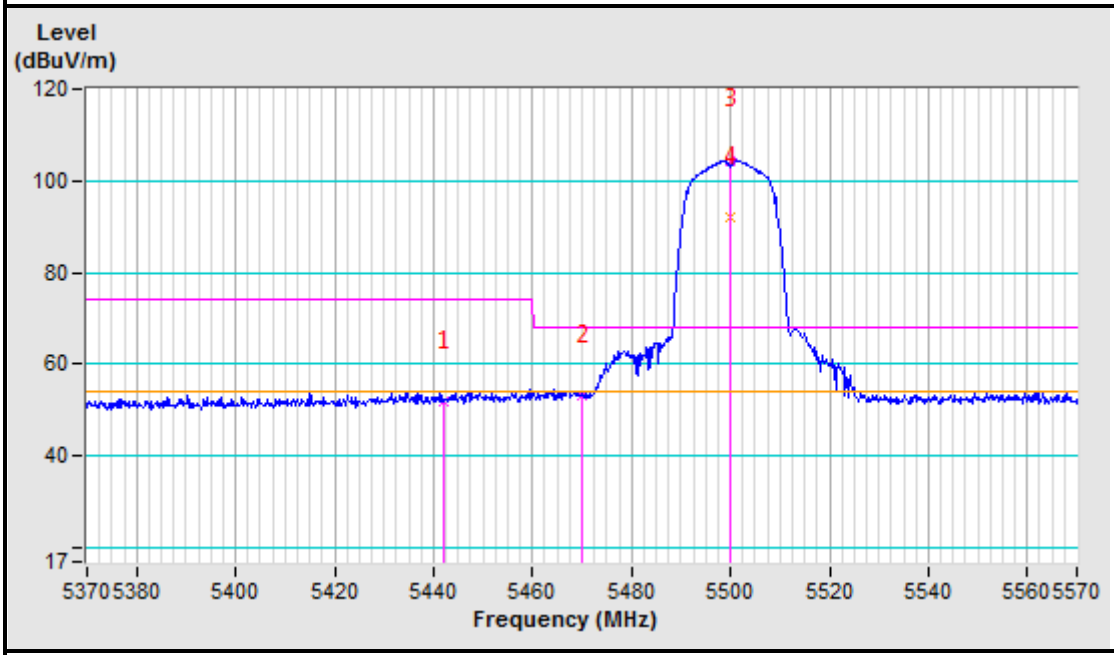
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5442.00	51.89 PK	74.00	-22.11	1.00 H	225	42.83	9.06
2	#5470.00	53.24 PK	68.20	-14.96	1.00 H	225	44.15	9.09
3	*5500.00	104.36 PK			1.00 H	225	95.24	9.12
4	*5500.00	92.07 AV			1.00 H	225	82.95	9.12
5	11000.00	58.65 PK	74.00	-15.35	1.00 H	0	38.97	19.68
6	11000.00	44.63 AV	54.00	-9.37	1.00 H	0	24.95	19.68
7	#16500.00	65.05 PK	68.20	-3.15	1.00 H	0	39.62	25.43
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	5437.95	51.79 PK	74.00	-22.21	1.56 V	0	42.73	9.06
2	#5470.00	51.75 PK	68.20	-16.45	1.56 V	0	42.66	9.09
3	*5500.00	96.93 PK			1.56 V	0	87.81	9.12
4	*5500.00	84.55 AV			1.56 V	0	75.43	9.12
5	11000.00	58.64 PK	74.00	-15.36	1.00 V	0	38.96	19.68
6	11000.00	46.12 AV	54.00	-7.88	1.00 V	0	26.44	19.68
7	#16500.00	64.27 PK	68.20	-3.93	1.00 V	0	38.84	25.43

REMARKS:

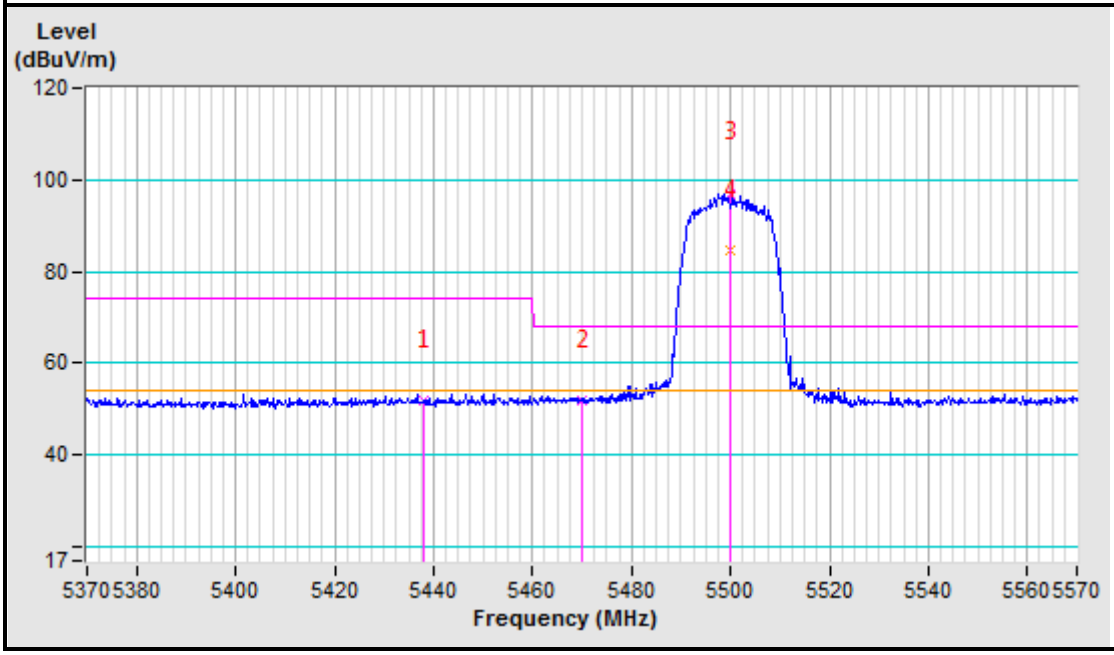
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5500MHz Horizontal



5500MHz Vertical



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	#5470.00	52.02 PK	68.20	-16.18	1.00 H	106	42.93	9.09
2	*5580.00	103.01 PK			1.00 H	106	93.59	9.42
3	*5580.00	91.77 AV			1.00 H	106	82.35	9.42
4	11160.00	59.06 PK	74.00	-14.94	1.00 H	0	39.11	19.95
5	11160.00	45.07 AV	54.00	-8.93	1.00 H	0	25.12	19.95
6	#16740.00	65.00 PK	68.20	-3.20	1.00 H	0	38.80	26.20
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	#5470.00	51.86 PK	68.20	-16.34	1.00 V	157	42.77	9.09
2	*5580.00	96.82 PK			1.00 V	157	87.40	9.42
3	*5580.00	84.81 AV			1.00 V	157	75.39	9.42
4	11160.00	58.12 PK	74.00	-15.88	1.00 V	0	38.17	19.95
5	11160.00	45.07 AV	54.00	-8.93	1.00 V	0	25.12	19.95
6	#16740.00	64.30 PK	68.20	-3.90	1.00 V	0	38.10	26.20

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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		

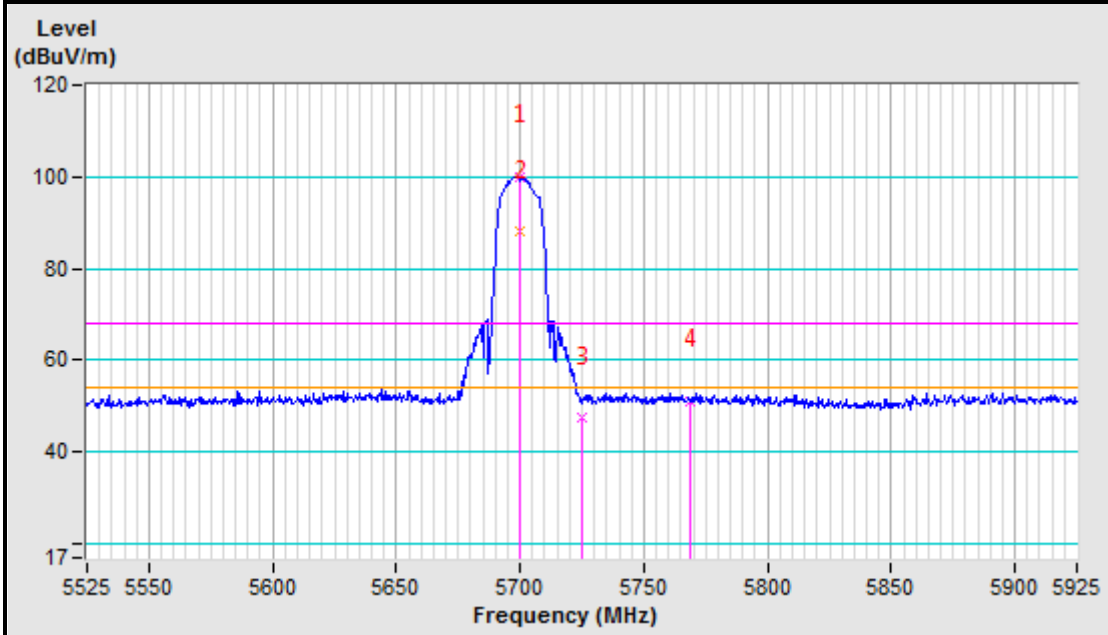
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	100.14 PK			1.01 H	128	90.27	9.87
2	*5700.00	88.13 AV			1.01 H	128	78.26	9.87
3	#5725.00	47.49 PK	68.20	-20.71	1.01 H	128	37.53	9.96
4	#5768.59	51.16 PK	68.20	-17.04	1.01 H	128	41.04	10.12
5	11400.00	59.42 PK	74.00	-14.58	1.00 H	0	39.07	20.35
6	11400.00	45.01 AV	54.00	-8.99	1.00 H	0	24.66	20.35
7	#17100.00	64.80 PK	68.20	-3.40	1.00 H	0	37.66	27.14
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	94.01 PK			1.00 V	0	84.14	9.87
2	*5700.00	83.14 AV			1.00 V	0	73.27	9.87
3	#5725.00	50.81 PK	68.20	-17.39	1.00 V	0	40.85	9.96
4	#5784.62	52.85 PK	68.20	-15.35	1.00 V	0	42.68	10.17
5	11400.00	58.43 PK	74.00	-15.57	1.00 V	0	38.08	20.35
6	11400.00	45.33 AV	54.00	-8.67	1.00 V	0	24.98	20.35
7	#17100.00	63.77 PK	68.20	-4.43	1.00 V	0	36.63	27.14

REMARKS:

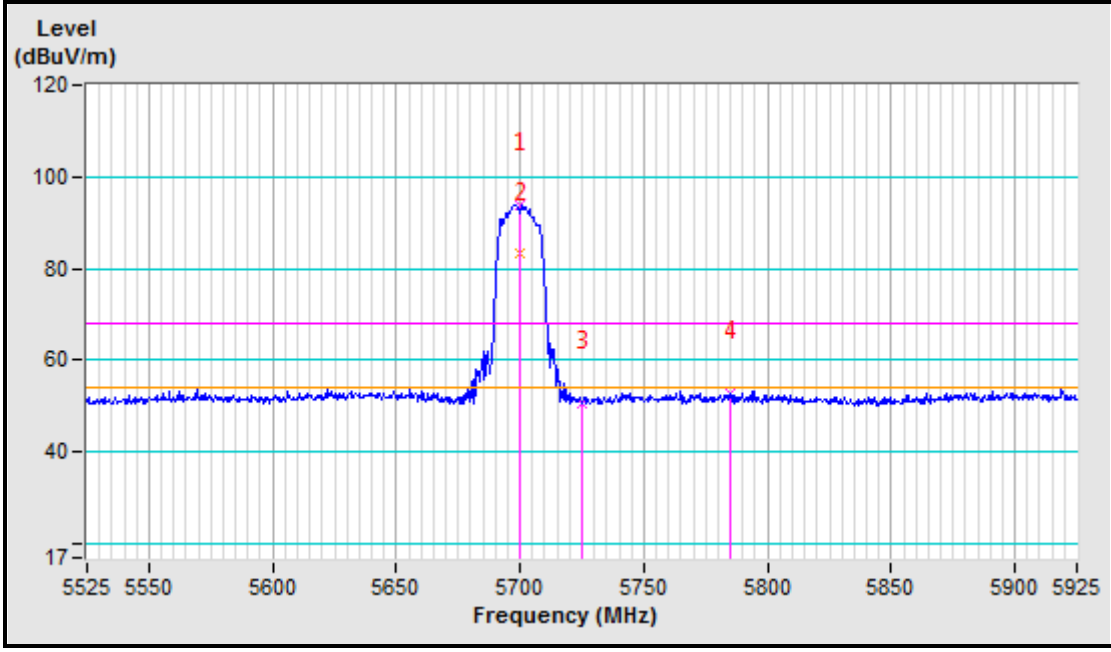
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5700MHz Horizontal



5700MHz Vertical



802.11n (40MHz)

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

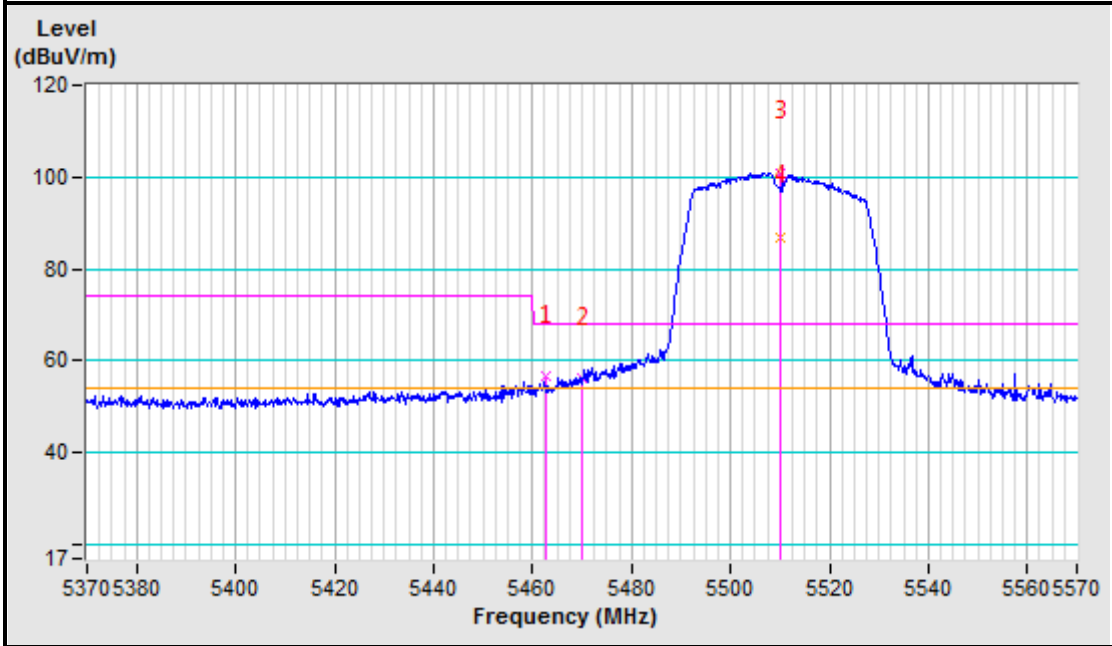
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5462.63	56.70 PK	68.20	-11.50	1.00 H	223	47.62	9.08
2	#5470.00	56.22 PK	68.20	-11.98	1.00 H	223	47.13	9.09
3	*5510.00	100.91 PK			1.00 H	223	91.75	9.16
4	*5510.00	86.97 AV			1.00 H	223	77.81	9.16
5	11020.00	58.98 PK	74.00	-15.02	1.00 H	0	39.27	19.71
6	11020.00	44.90 AV	54.00	-9.10	1.00 H	0	25.19	19.71
7	#16530.00	64.28 PK	68.20	-3.92	1.00 H	0	38.75	25.53
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	5454.00	51.89 PK	74.00	-22.11	1.00 V	142	42.81	9.08
2	#5470.00	52.18 PK	68.20	-16.02	1.00 V	142	43.09	9.09
3	*5510.00	93.53 PK			1.00 V	142	84.37	9.16
4	*5510.00	80.05 AV			1.00 V	142	70.89	9.16
5	11020.00	57.46 PK	74.00	-16.54	1.00 V	0	37.75	19.71
6	11020.00	46.18 AV	54.00	-7.82	1.00 V	0	26.47	19.71
7	#16530.00	64.22 PK	68.20	-3.98	1.00 V	0	38.69	25.53

REMARKS:

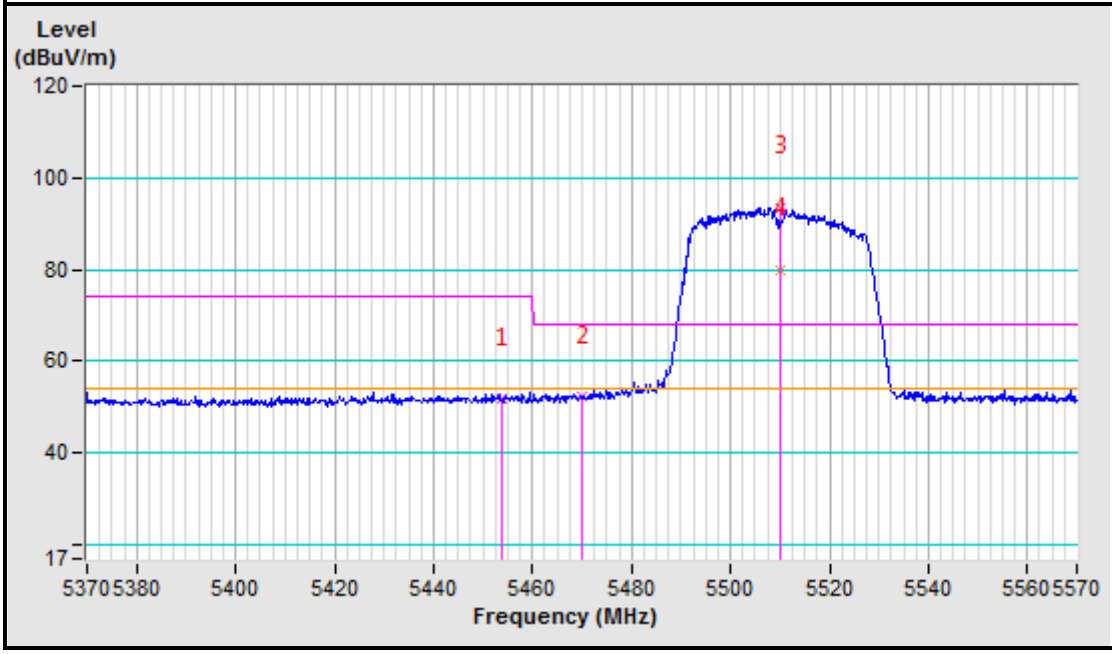
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5510MHz Horizontal



5510MHz Vertical



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	#5470.00	52.86 PK	68.20	-15.34	1.00 H	138	43.77	9.09
2	*5550.00	101.09 PK			1.00 H	138	91.78	9.31
3	*5550.00	88.42 AV			1.00 H	138	79.11	9.31
4	11100.00	59.34 PK	74.00	-14.66	1.00 H	0	39.50	19.84
5	11100.00	45.16 AV	54.00	-8.84	1.00 H	0	25.32	19.84
6	#16650.00	64.70 PK	68.20	-3.50	1.00 H	0	38.80	25.91
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	#5470.00	52.16 PK	68.20	-16.04	1.00 V	122	43.07	9.09
2	*5550.00	94.55 PK			1.00 V	122	85.24	9.31
3	*5550.00	80.04 AV			1.00 V	122	70.73	9.31
4	11100.00	57.62 PK	74.00	-16.38	1.00 V	0	37.78	19.84
5	11100.00	45.30 AV	54.00	-8.70	1.00 V	0	25.46	19.84
6	#16650.00	64.21 PK	68.20	-3.99	1.00 V	0	38.30	25.91

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
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		

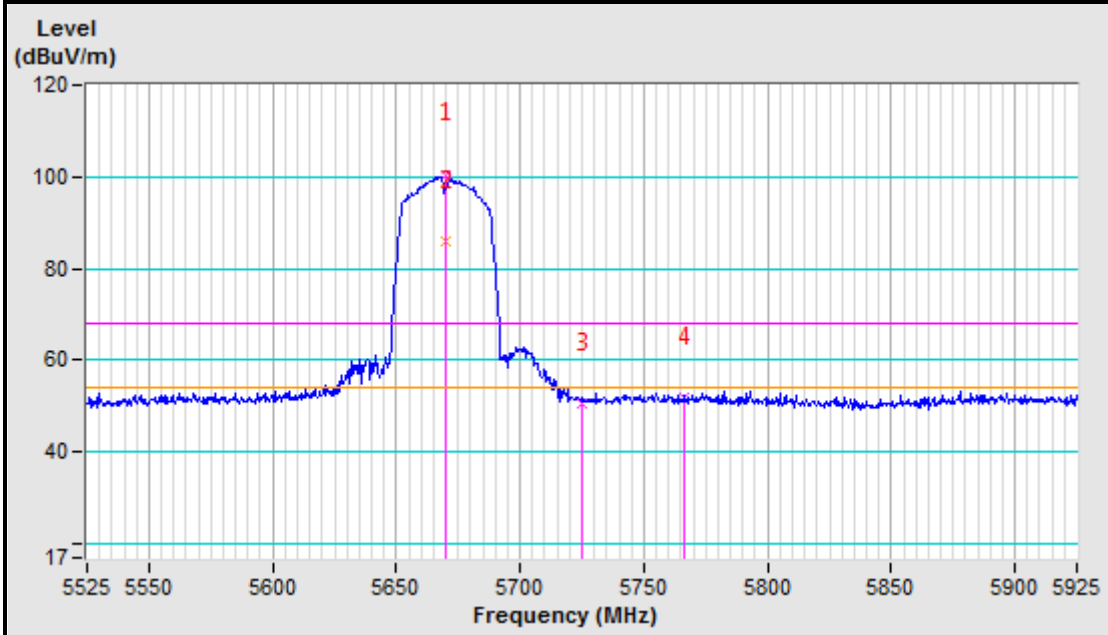
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	100.56 PK			2.00 H	230	90.81	9.75
2	*5670.00	85.92 AV			2.00 H	230	76.17	9.75
3	#5725.00	50.47 PK	68.20	-17.73	2.00 H	230	40.51	9.96
4	#5766.03	51.70 PK	68.20	-16.50	2.00 H	230	41.59	10.11
5	11340.00	59.41 PK	74.00	-14.59	1.00 H	0	39.17	20.24
6	11340.00	45.30 AV	54.00	-8.70	1.00 H	0	25.06	20.24
7	#17010.00	64.71 PK	68.20	-3.49	1.00 H	0	37.68	27.03
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	91.18 PK			1.00 V	0	81.43	9.75
2	*5670.00	76.48 AV			1.00 V	0	66.73	9.75
3	#5725.00	51.52 PK	68.20	-16.68	1.00 V	0	41.56	9.96
4	#5776.92	55.15 PK	68.20	-13.05	1.00 V	0	45.00	10.15
5	11340.00	57.46 PK	74.00	-16.54	1.00 V	0	37.22	20.24
6	11340.00	45.26 AV	54.00	-8.74	1.00 V	0	25.02	20.24
7	#17010.00	64.08 PK	68.20	-4.12	1.00 V	0	37.05	27.03

REMARKS:

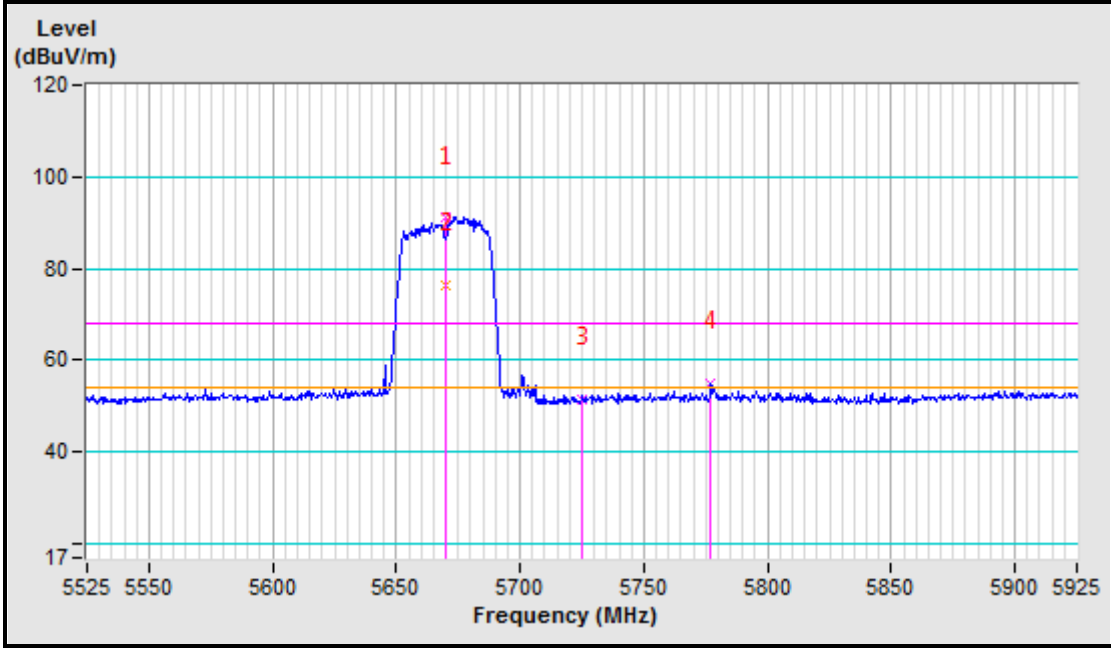
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5670MHz Horizontal



5670MHz Vertical



802.11ac 80MHz

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

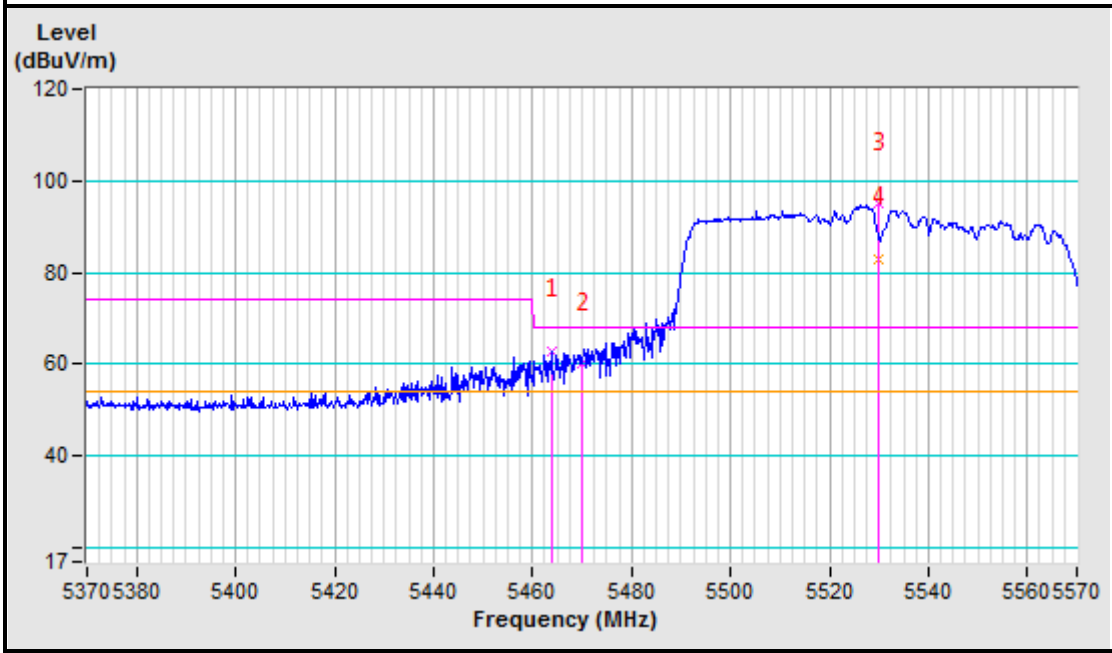
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5463.80	62.89 PK	68.20	-5.31	1.00 H	221	53.80	9.09
2	#5470.00	60.10 PK	68.20	-8.10	1.00 H	221	51.01	9.09
3	*5530.00	94.96 PK			1.00 H	221	85.73	9.23
4	*5530.00	82.97 AV			1.00 H	221	73.74	9.23
5	11060.00	59.45 PK	74.00	-14.55	1.00 H	0	39.67	19.78
6	11060.00	44.60 AV	54.00	-9.40	1.00 H	0	24.82	19.78
7	#16590.00	64.80 PK	68.20	-3.40	1.00 H	0	39.08	25.72
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	#5464.00	54.14 PK	68.20	-14.06	1.00 V	61	45.05	9.09
2	#5470.00	52.77 PK	68.20	-15.43	1.00 V	61	43.68	9.09
3	*5530.00	87.22 PK			1.00 V	61	77.99	9.23
4	*5530.00	75.60 AV			1.00 V	61	66.37	9.23
5	11060.00	57.99 PK	74.00	-16.01	1.00 V	0	38.21	19.78
6	11060.00	45.71 AV	54.00	-8.29	1.00 V	0	25.93	19.78
7	#16590.00	64.05 PK	68.20	-4.15	1.00 V	0	38.33	25.72

REMARKS:

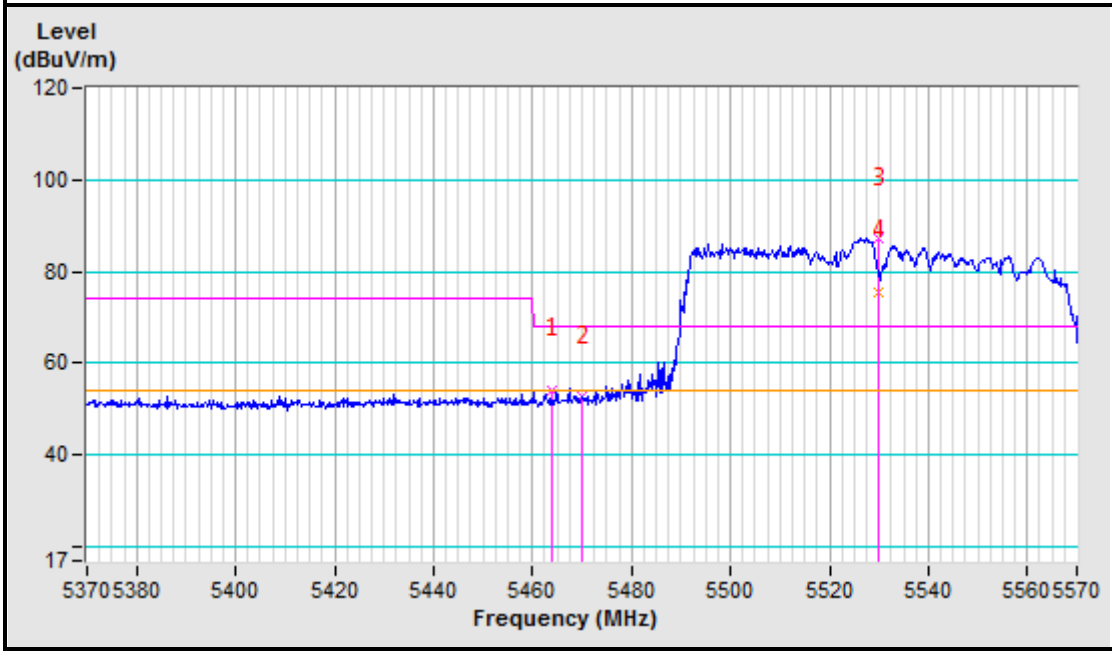
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5530MHz Horizontal



5530MHz Vertical



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

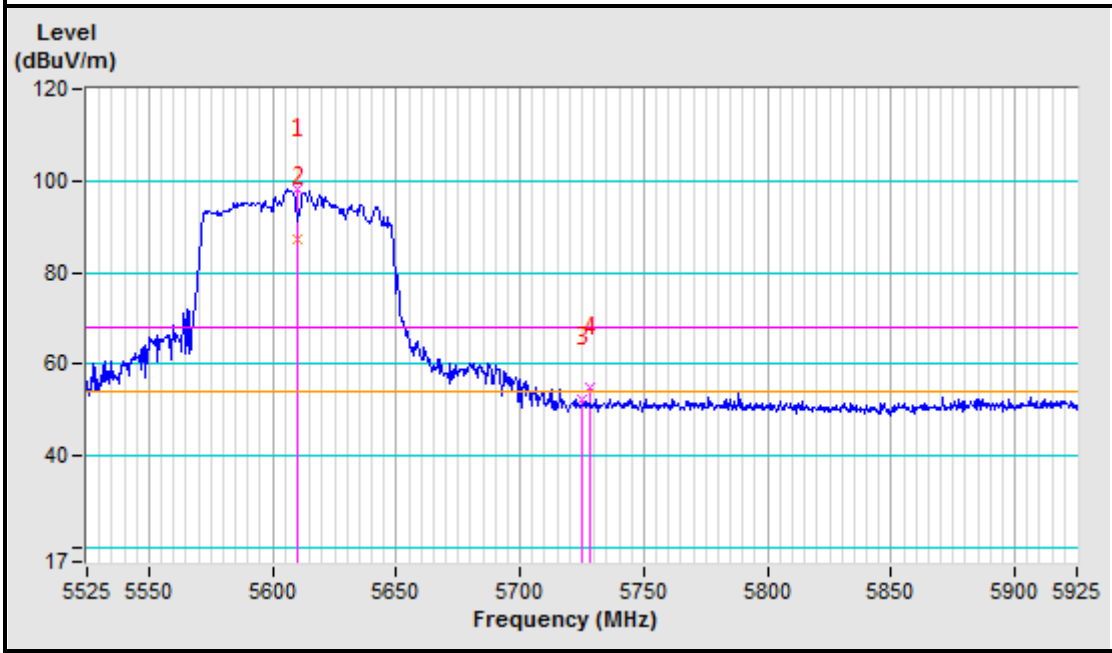
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	98.02 PK			1.00 H	40	88.49	9.53
2	*5610.00	87.36 AV			1.00 H	40	77.83	9.53
3	#5725.00	52.49 PK	68.20	-15.71	1.00 H	40	42.53	9.96
4	#5728.00	54.84 PK	68.20	-13.36	1.00 H	40	44.87	9.97
5	11220.00	59.04 PK	74.00	-14.96	1.00 H	0	38.99	20.05
6	11220.00	45.07 AV	54.00	-8.93	1.00 H	0	25.02	20.05
7	**#16830.00**	**65.11 PK**	**68.20**	**-3.09**	**1.00 H**	**0**	**38.63**	**26.48**
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	91.07 PK			1.00 V	0	81.54	9.53
2	*5610.00	79.62 AV			1.00 V	0	70.09	9.53
3	#5725.00	51.61 PK	68.20	-16.59	1.00 V	0	41.65	9.96
4	#5754.49	51.63 PK	68.20	-16.57	1.00 V	0	41.56	10.07
5	11220.00	57.64 PK	74.00	-16.36	1.00 V	0	37.59	20.05
6	11220.00	45.62 AV	54.00	-8.38	1.00 V	0	25.57	20.05
7	#16830.00	63.78 PK	68.20	-4.42	1.00 V	0	37.30	26.48

REMARKS:

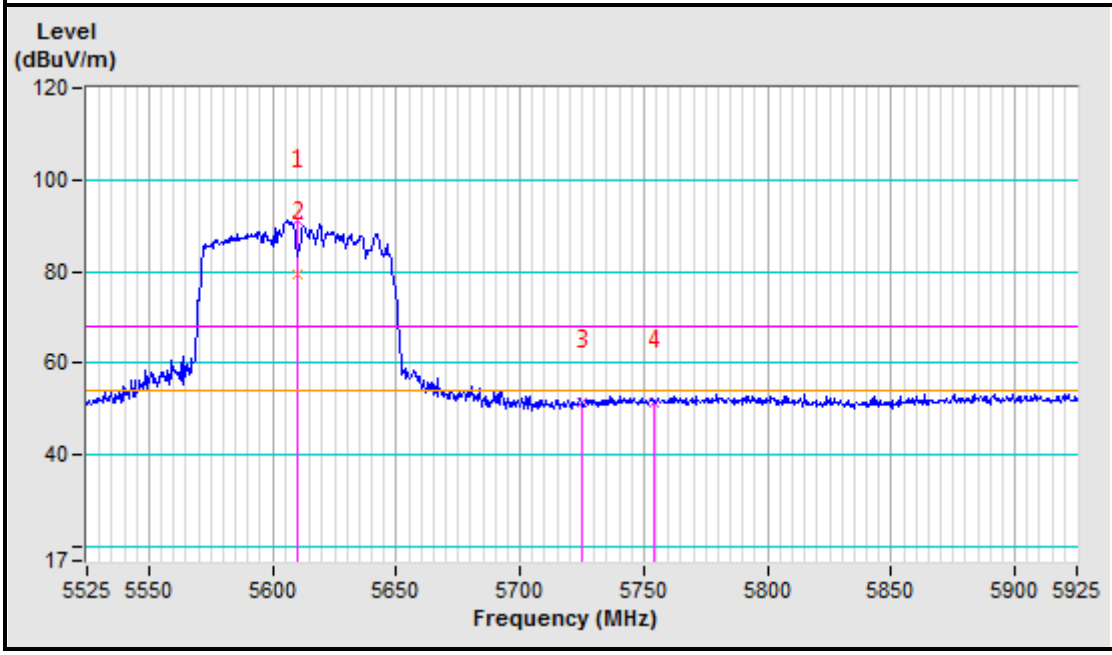
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5610MHz Horizontal



5610MHz Vertical



Band 4 (5725-5850MHz):

ABOVE 1GHz DATA

802.11a

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

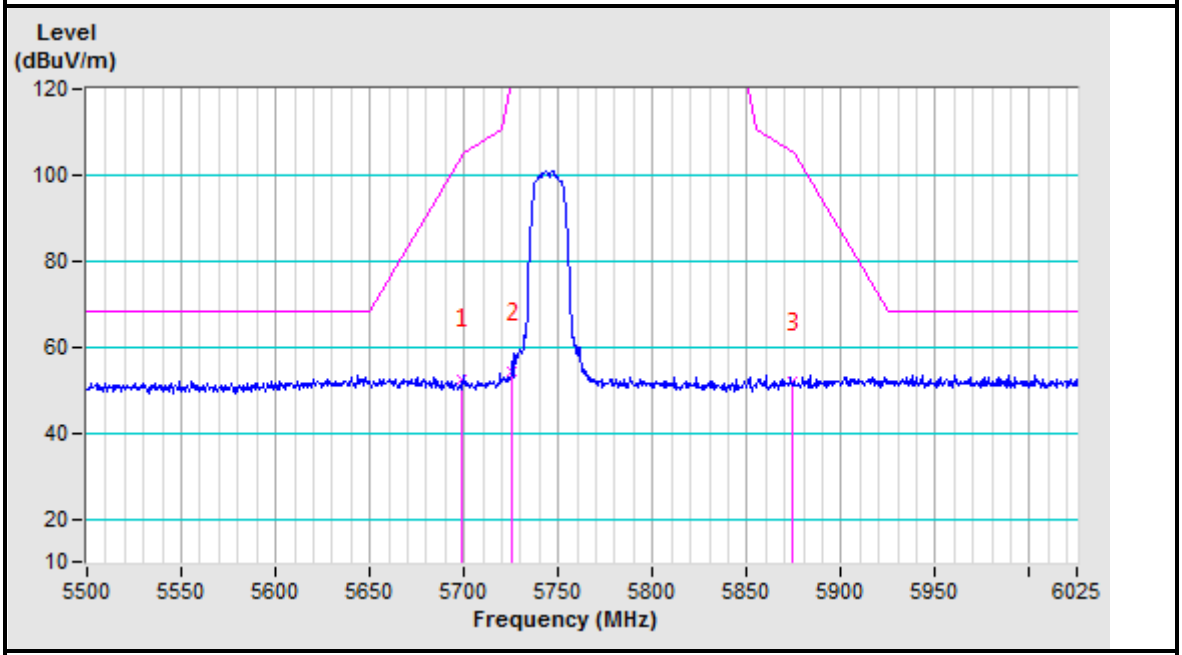
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5698.92	52.56 PK	104.40	-51.84	1.00 H	229	42.70	9.86
2	#5725.00	54.12 PK	122.20	-68.08	1.00 H	229	44.16	9.96
3	*5745.00	101.31 PK			1.00 H	54	91.28	10.03
4	*5745.00	89.01 AV			1.00 H	54	78.98	10.03
5	#5874.40	51.84 PK	105.37	-53.53	1.00 H	229	41.32	10.52
6	11490.00	59.48 PK	74.00	-14.52	1.00 H	0	38.99	20.49
7	11490.00	46.72 AV	54.00	-7.28	1.00 H	0	26.23	20.49
8	#17235.00	64.11 PK	68.20	-4.09	1.00 H	0	36.80	27.31
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	#5630.77	52.40 PK	68.20	-15.80	1.32 V	0	42.79	9.61
2	#5725.00	51.47 PK	122.20	-70.73	1.32 V	0	41.51	9.96
3	*5745.00	95.25 PK			1.00 V	60	85.22	10.03
4	*5745.00	83.14 AV			1.00 V	60	73.11	10.03
5	#5881.13	50.84 PK	100.65	-49.81	1.32 V	0	40.31	10.53
6	11490.00	58.41 PK	74.00	-15.59	1.00 V	0	37.92	20.49
7	11490.00	44.63 AV	54.00	-9.37	1.00 V	0	24.14	20.49
8	#17235.00	64.80 PK	68.20	-3.40	1.00 V	0	37.49	27.31

REMARKS:

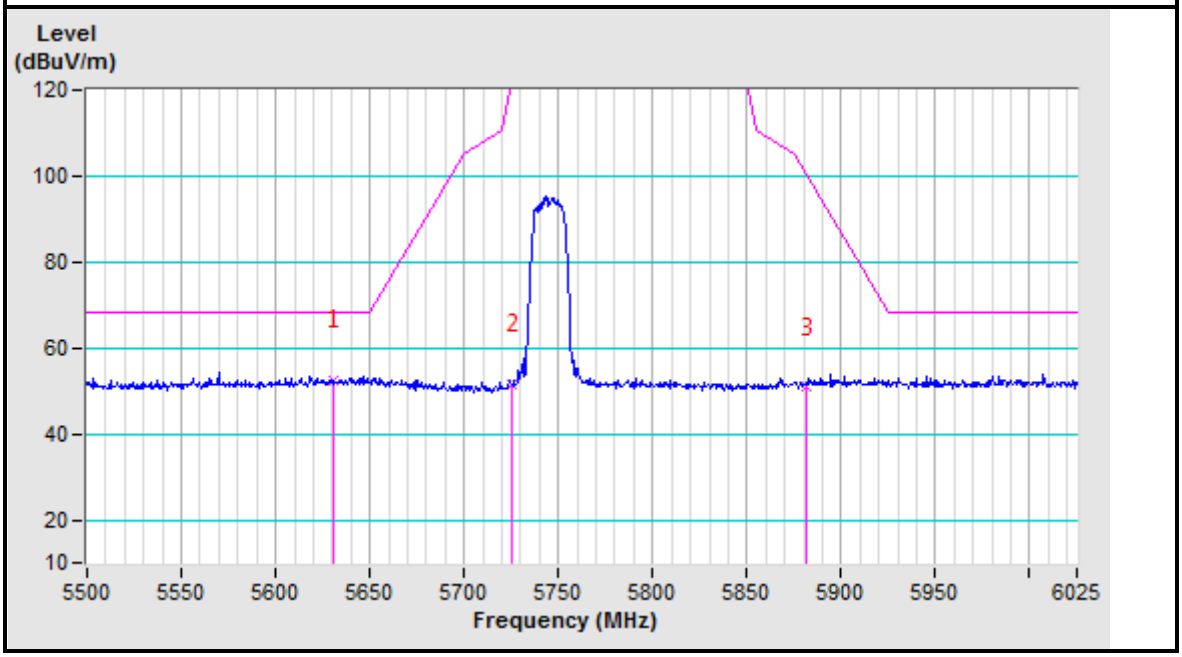
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5745MHz Horizontal



5745MHz Vertical



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

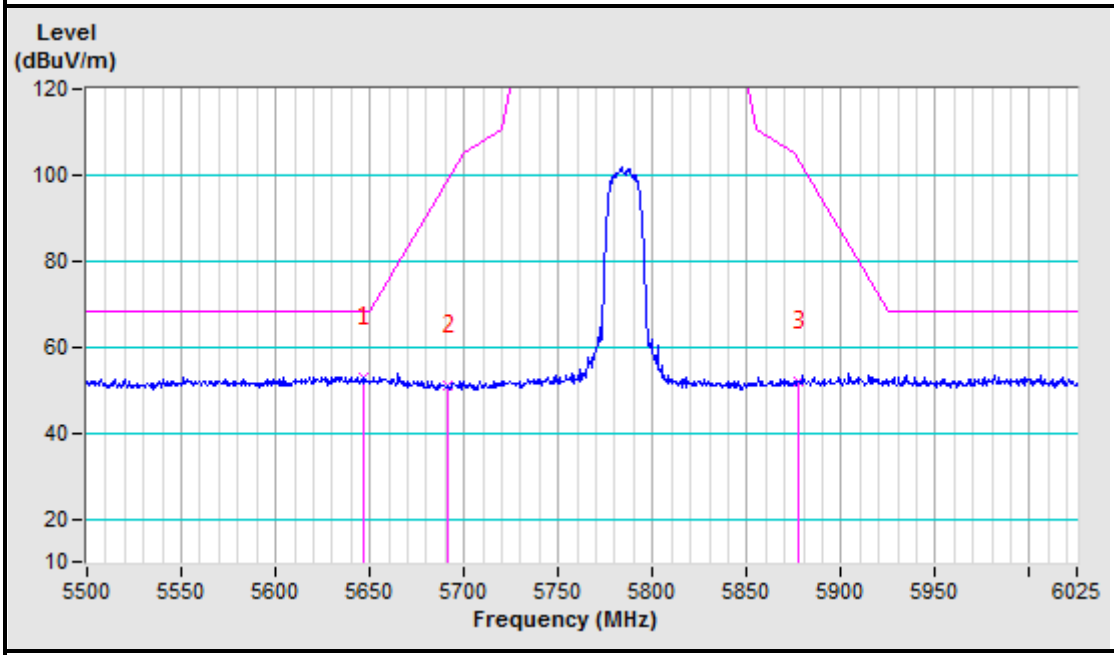
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5646.75	52.89 PK	68.20	-15.31	1.18 H	0	43.22	9.67
2	#5691.35	51.19 PK	98.82	-47.63	1.18 H	0	41.36	9.83
3	*5785.00	101.59 PK			1.00 H	51	91.41	10.18
4	*5785.00	89.43 AV			1.00 H	51	79.25	10.18
5	#5876.92	52.08 PK	103.77	-51.69	1.18 H	0	41.56	10.52
6	11570.00	59.72 PK	74.00	-14.28	1.00 H	0	39.06	20.66
7	11570.00	45.82 AV	54.00	-8.18	1.00 H	0	25.16	20.66
8	#17355.00	64.18 PK	68.20	-4.02	1.00 H	0	36.72	27.46
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	#5653.49	52.39 PK	70.79	-18.40	1.11 V	0	42.70	9.69
2	#5703.97	51.35 PK	106.31	-54.96	1.11 V	0	41.47	9.88
3	*5785.00	95.79 PK			1.00 V	47	85.61	10.18
4	*5785.00	83.61 AV			1.00 V	47	73.43	10.18
5	#5887.02	51.50 PK	96.28	-44.78	1.11 V	0	40.94	10.56
6	11570.00	57.19 PK	74.00	-16.81	1.00 V	0	36.53	20.66
7	11570.00	44.93 AV	54.00	-9.07	1.00 V	0	24.27	20.66
8	#17355.00	64.01 PK	68.20	-4.19	1.00 V	0	36.55	27.46

REMARKS:

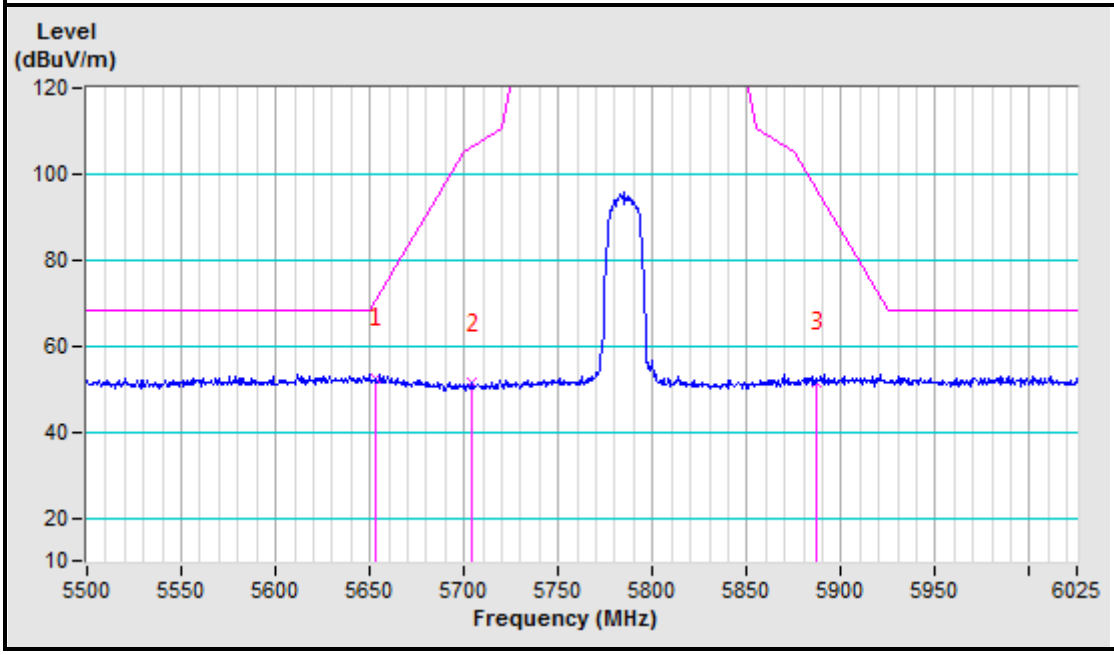
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5785MHz Horizontal



5785MHz Vertical



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

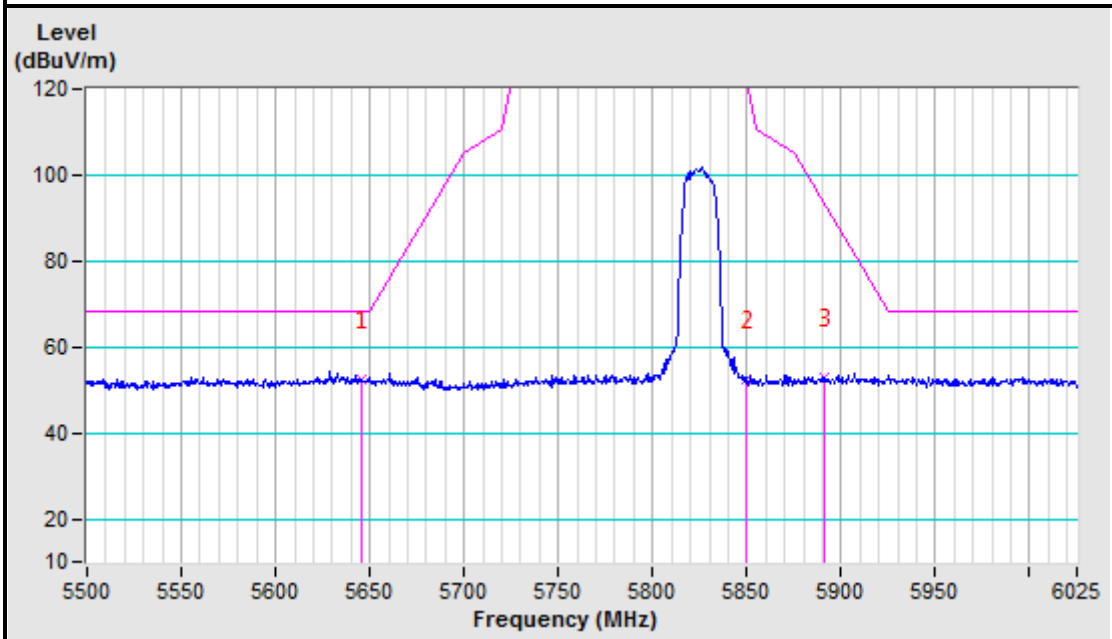
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5645.91	52.18 PK	68.20	-16.02	1.06 H	0	42.51	9.67
2	*5825.00	102.96 PK			1.00 H	80	92.63	10.33
3	*5825.00	90.44 AV			1.00 H	80	80.11	10.33
4	#5850.00	52.26 PK	122.20	-69.94	1.06 H	0	41.84	10.42
5	#5891.23	52.75 PK	93.16	-40.41	1.06 H	0	42.17	10.58
6	11650.00	60.11 PK	74.00	-13.89	1.00 H	0	39.27	20.84
7	11650.00	46.90 AV	54.00	-7.10	1.00 H	0	26.06	20.84
8	#17475.00	63.05 PK	68.20	-5.15	1.00 H	0	35.44	27.61
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	#5631.61	53.79 PK	68.20	-14.41	1.94 V	0	44.18	9.61
2	*5825.00	97.45 PK			1.00 V	50	87.12	10.33
3	*5825.00	85.10 AV			1.00 V	50	74.77	10.33
4	#5850.00	51.32 PK	122.20	-70.88	1.94 V	0	40.90	10.42
5	#5909.74	51.29 PK	79.46	-28.17	1.94 V	0	40.64	10.65
6	11650.00	58.82 PK	74.00	-15.18	1.00 V	0	37.98	20.84
7	11650.00	45.51 AV	54.00	-8.49	1.00 V	0	24.67	20.84
8	#17475.00	63.44 PK	68.20	-4.76	1.00 V	0	35.83	27.61

REMARKS:

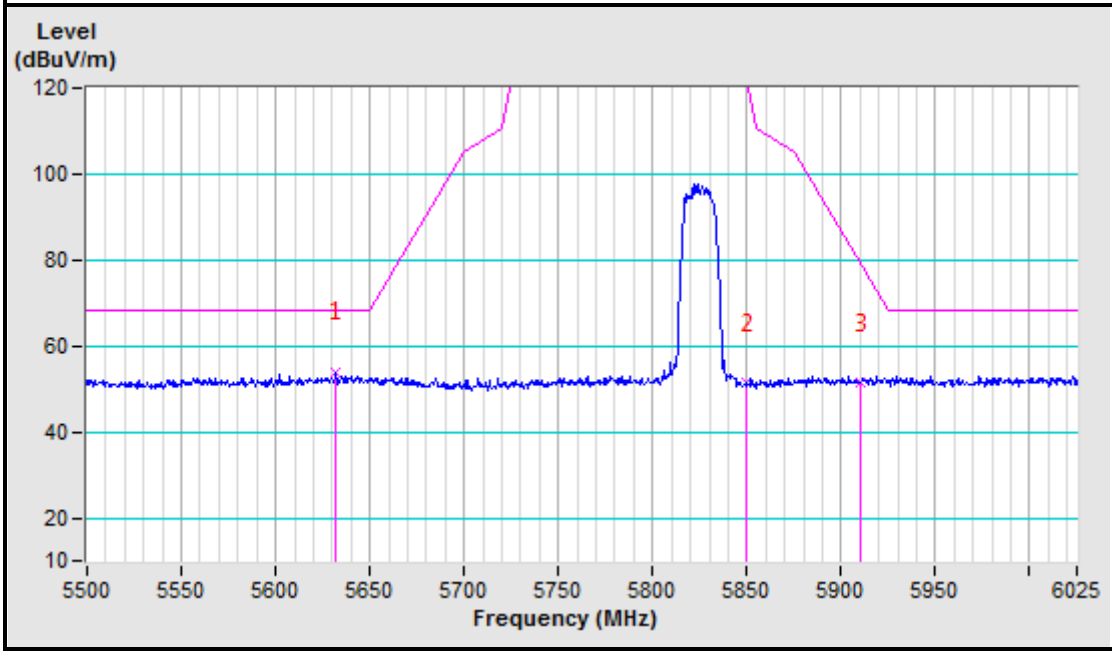
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5825MHz Horizontal



5825MHz Vertical



802.11n (20MHz)

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

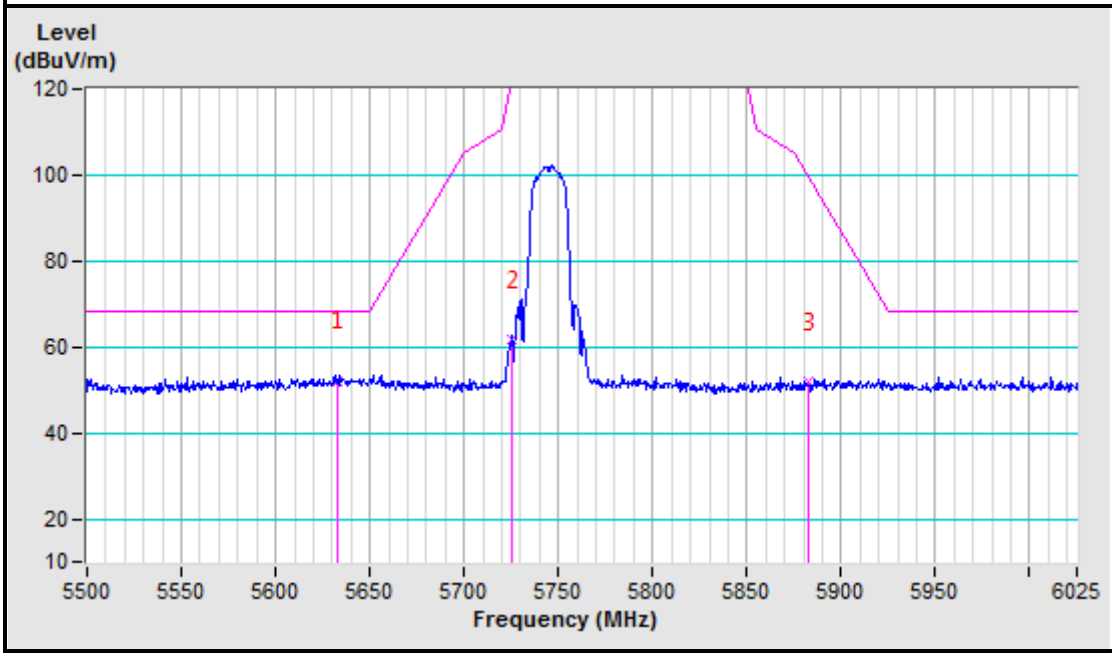
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5632.45	52.08 PK	68.20	-16.12	1.08 H	230	42.47	9.61
2	#5725.00	61.53 PK	122.20	-60.67	1.08 H	230	51.57	9.96
3	*5745.00	102.49 PK			1.00 H	144	92.46	10.03
4	*5745.00	89.72 AV			1.00 H	144	79.69	10.03
5	#5882.81	51.79 PK	99.40	-47.61	1.08 H	230	41.24	10.55
6	11490.00	58.40 PK	74.00	-15.60	1.00 H	0	37.91	20.49
7	11490.00	44.63 AV	54.00	-9.37	1.00 H	0	24.14	20.49
8	#17235.00	63.47 PK	68.20	-4.73	1.00 H	0	36.16	27.31
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	#5639.18	52.09 PK	68.20	-16.11	1.32 V	0	42.45	9.64
2	#5725.00	54.52 PK	122.20	-67.68	1.32 V	0	44.56	9.96
3	*5745.00	94.42 PK			1.00 V	241	84.39	10.03
4	*5745.00	81.20 AV			1.00 V	241	71.17	10.03
5	#5878.61	53.65 PK	102.52	-48.87	1.32 V	0	43.12	10.53
6	11490.00	57.79 PK	74.00	-16.21	N/A V	100	37.30	20.49
7	11490.00	45.30 AV	54.00	-8.70	N/A V	100	24.81	20.49
8	#17235.00	63.29 PK	68.20	-4.91	1.00 V	0	35.98	27.31

REMARKS:

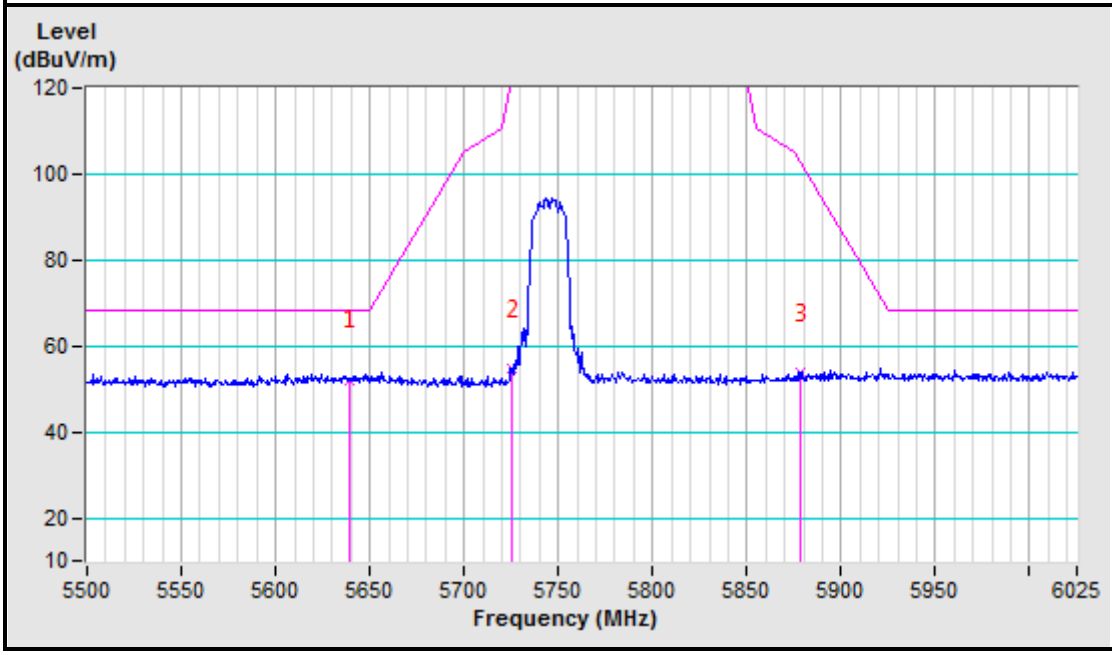
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5745MHz Horizontal



5745MHz Vertical



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

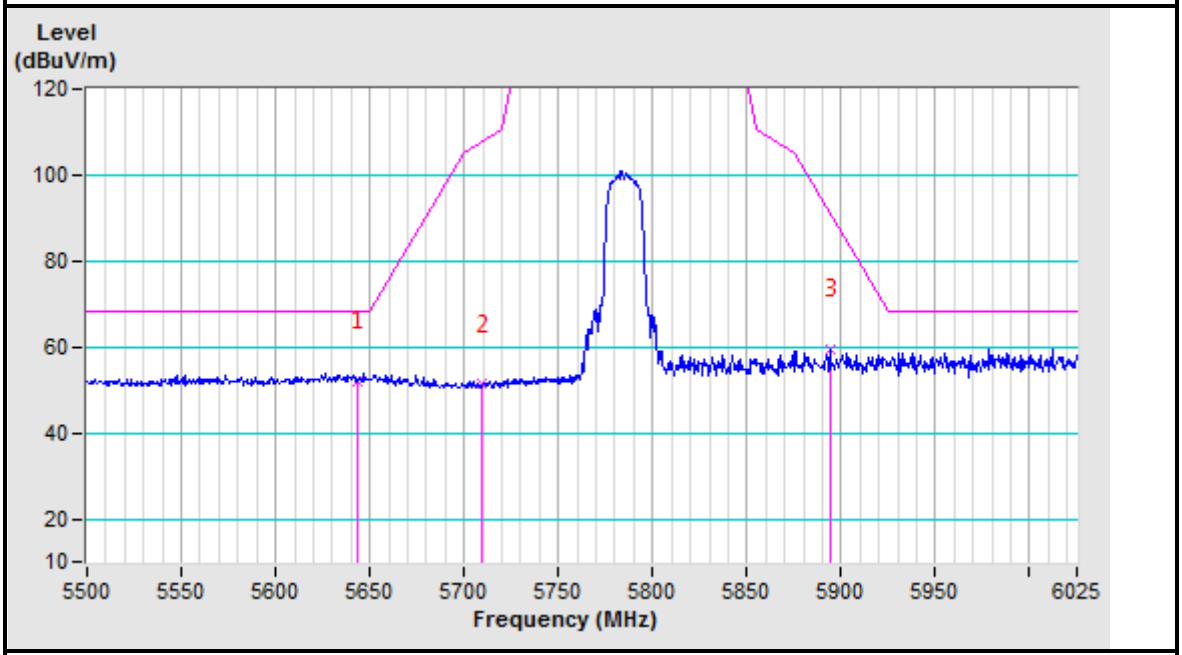
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5643.39	51.97 PK	68.20	-16.23	1.96 H	0	42.32	9.65
2	#5709.86	51.32 PK	107.96	-56.64	1.96 H	0	41.42	9.90
3	*5785.00	101.88 PK			1.00 H	360	91.70	10.18
4	*5785.00	88.10 AV			1.00 H	360	77.92	10.18
5	#5893.75	59.45 PK	91.29	-31.84	1.96 H	0	48.86	10.59
6	11570.00	58.90 PK	74.00	-15.10	1.00 H	0	38.24	20.66
7	11570.00	45.20 AV	54.00	-8.80	1.00 H	0	24.54	20.66
8	#17355.00	63.77 PK	68.20	-4.43	1.00 H	0	36.31	27.46
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	#5655.17	51.76 PK	72.04	-20.28	1.02 V	0	42.06	9.70
2	#5682.93	50.93 PK	92.61	-41.68	1.02 V	0	41.13	9.80
3	*5785.00	96.09 PK			1.00 V	83	85.91	10.18
4	*5785.00	83.11 AV			1.00 V	83	72.93	10.18
5	#5931.61	51.70 PK	68.20	-16.50	1.02 V	0	40.98	10.72
6	11570.00	57.46 PK	74.00	-16.54	1.00 V	0	36.80	20.66
7	11570.00	43.80 AV	54.00	-10.20	1.00 V	0	23.14	20.66
8	#17355.00	63.41 PK	68.20	-4.79	1.00 V	0	35.95	27.46

REMARKS:

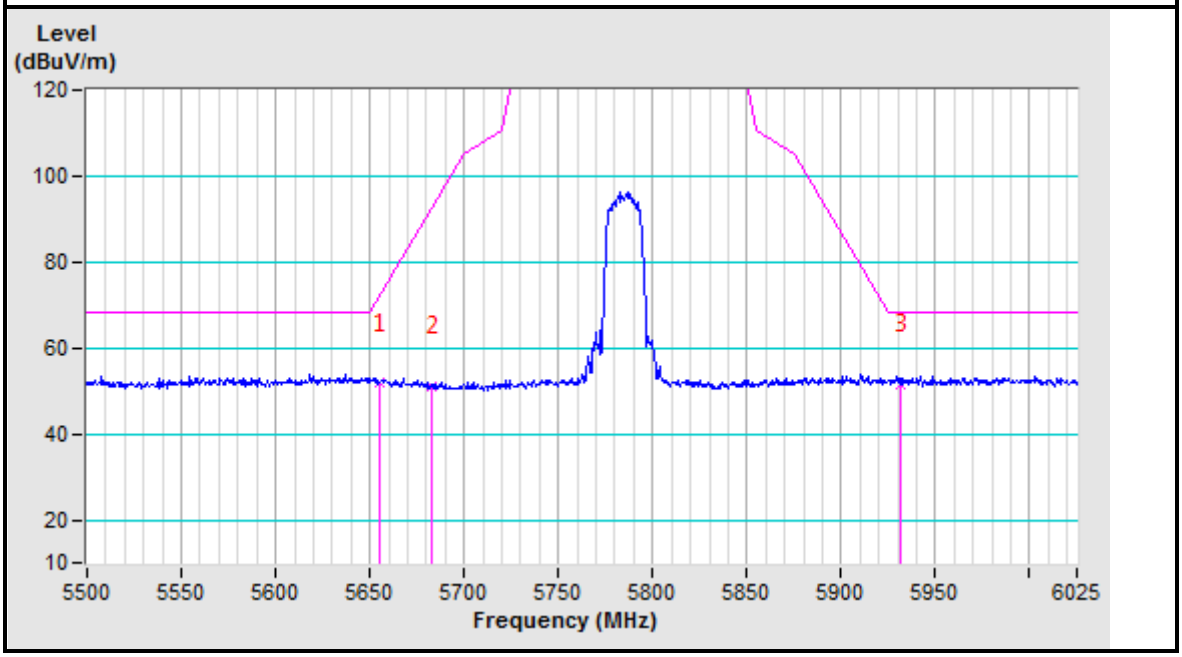
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5785MHz Horizontal



5785MHz Vertical



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

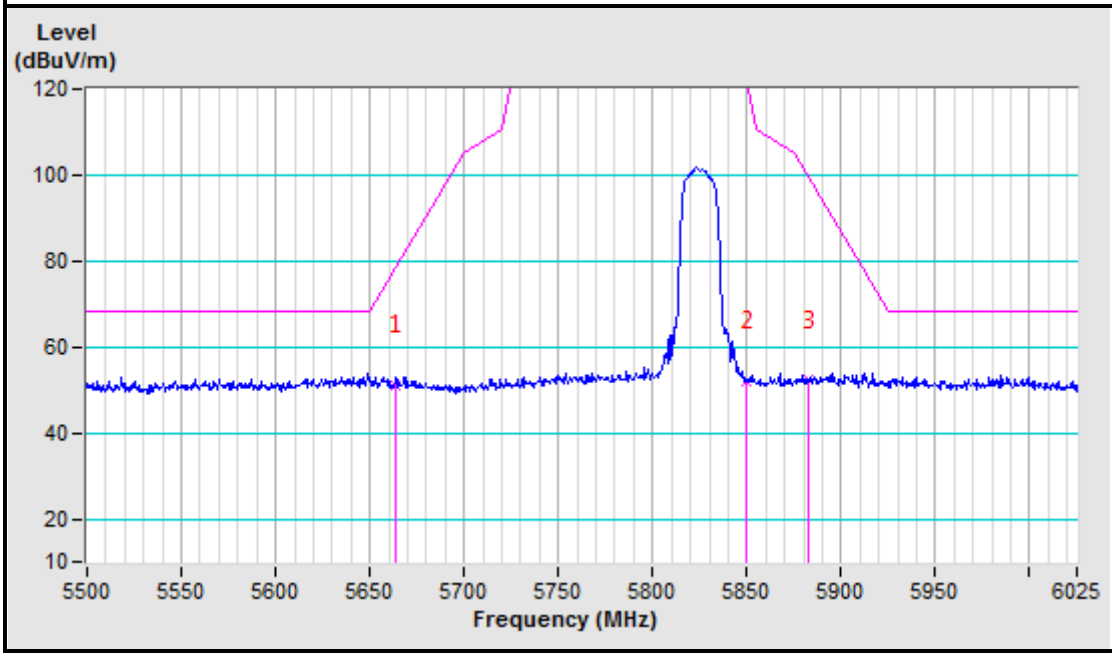
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5663.58	51.06 PK	78.28	-27.22	2.00 H	232	41.33	9.73
2	*5825.00	101.68 PK			1.00 H	330	91.35	10.33
3	*5825.00	89.33 AV			1.00 H	330	79.00	10.33
4	#5850.00	52.07 PK	122.20	-70.13	2.00 H	232	41.65	10.42
5	#5882.81	52.22 PK	99.40	-47.18	2.00 H	232	41.67	10.55
6	11650.00	60.04 PK	74.00	-13.96	1.00 H	0	39.20	20.84
7	11650.00	45.30 AV	54.00	-8.70	1.00 H	0	24.46	20.84
8	#17235.00	64.10 PK	68.20	-4.10	1.00 H	0	36.79	27.31
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	#5673.32	51.31 PK	85.50	-34.19	1.10 V	0	41.54	9.77
2	*5825.00	95.43 PK			1.00 V	255	85.10	10.33
3	*5825.00	83.84 AV			1.00 V	255	73.51	10.33
4	#5850.00	50.56 PK	122.20	-71.64	1.10 V	0	40.14	10.42
5	#5887.86	52.21 PK	95.65	-43.44	1.10 V	0	41.65	10.56
6	11650.00	58.46 PK	74.00	-15.54	1.00 V	0	37.62	20.84
7	11650.00	45.03 AV	54.00	-8.97	1.00 V	0	24.19	20.84
8	#17475.00	63.22 PK	68.20	-4.98	1.00 V	0	35.61	27.61

REMARKS:

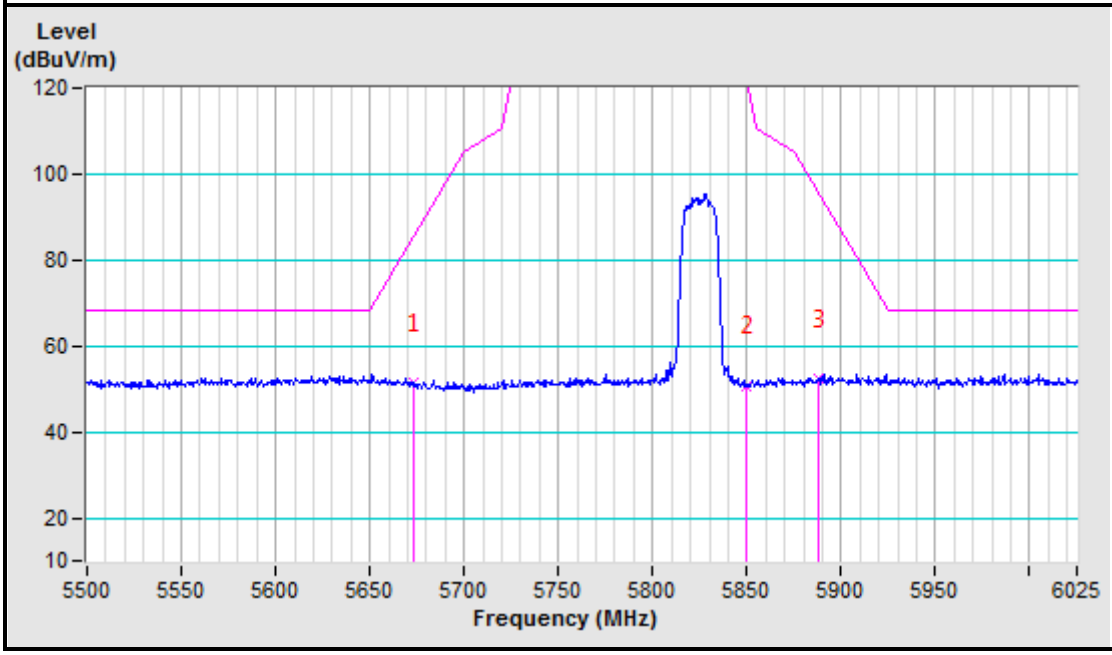
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5825MHz Horizontal



5825MHz Vertical



802.11n (40MHz)

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

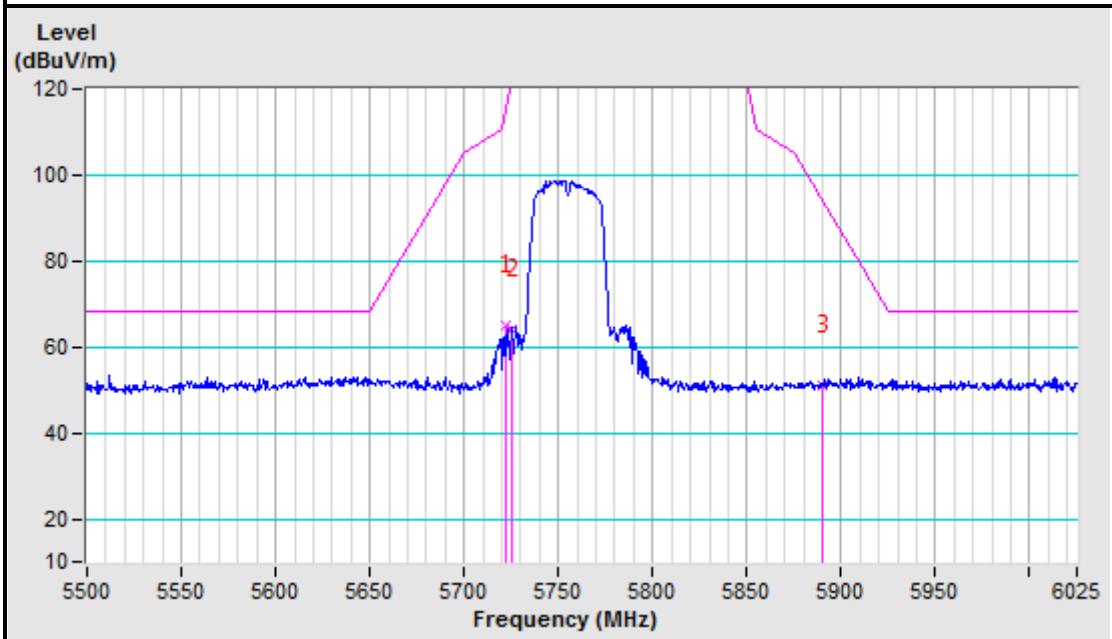
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5722.48	65.01 PK	116.45	-51.44	1.18 H	230	55.07	9.94
2	#5725.00	64.17 PK	122.20	-58.03	1.18 H	230	54.21	9.96
3	*5755.00	99.81 PK			1.00 H	250	89.74	10.07
4	*5755.00	84.94 AV			1.00 H	250	74.87	10.07
5	#5889.54	51.00 PK	94.41	-43.41	1.18 H	230	40.43	10.57
6	11510.00	59.67 PK	74.00	-14.33	1.00 H	0	39.14	20.53
7	11510.00	45.88 AV	54.00	-8.12	1.00 H	0	25.35	20.53
8	**#17265.00**	**64.81 PK**	**68.20**	**-3.39**	**1.00 H**	**0**	**37.46**	**27.35**
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	#5722.48	57.01 PK	116.45	-59.44	1.00 V	0	47.07	9.94
2	#5725.00	56.08 PK	122.20	-66.12	1.00 V	0	46.12	9.96
3	*5755.00	93.55 PK			1.00 V	64	83.48	10.07
4	*5755.00	78.67 AV			1.00 V	64	68.60	10.07
5	#5896.27	51.95 PK	89.42	-37.47	1.00 V	0	41.36	10.59
6	11510.00	58.34 PK	74.00	-15.66	1.00 V	0	37.81	20.53
7	11510.00	45.12 AV	54.00	-8.88	1.00 V	0	24.59	20.53
8	#17265.00	64.05 PK	68.20	-4.15	1.00 V	0	36.70	27.35

REMARKS:

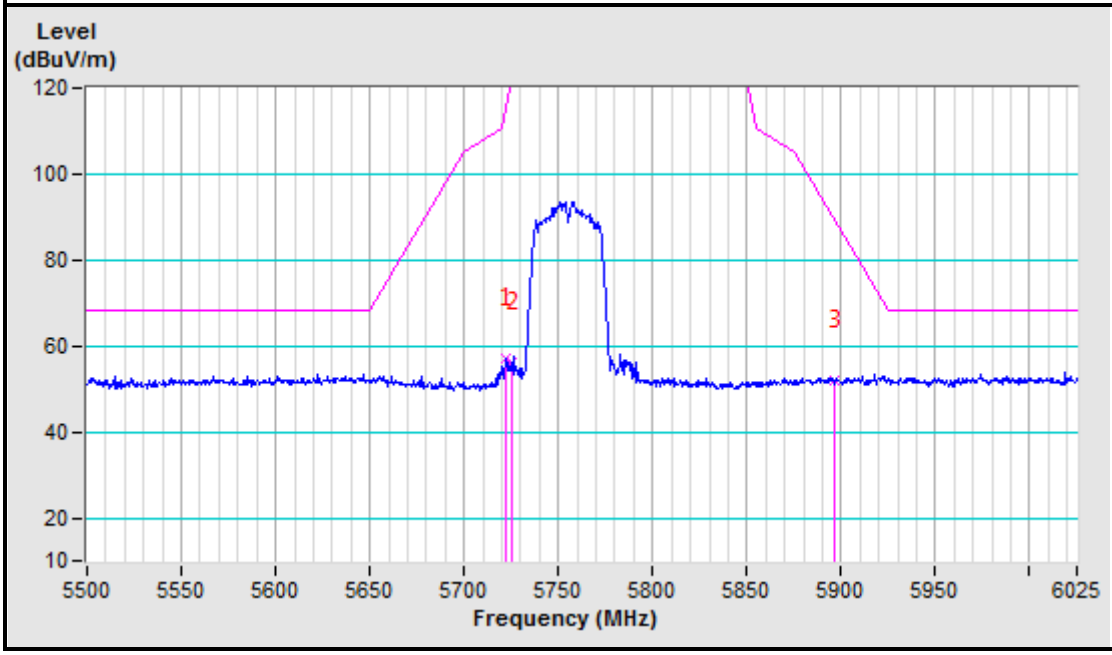
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5755MHz Horizontal



5755MHz Vertical



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

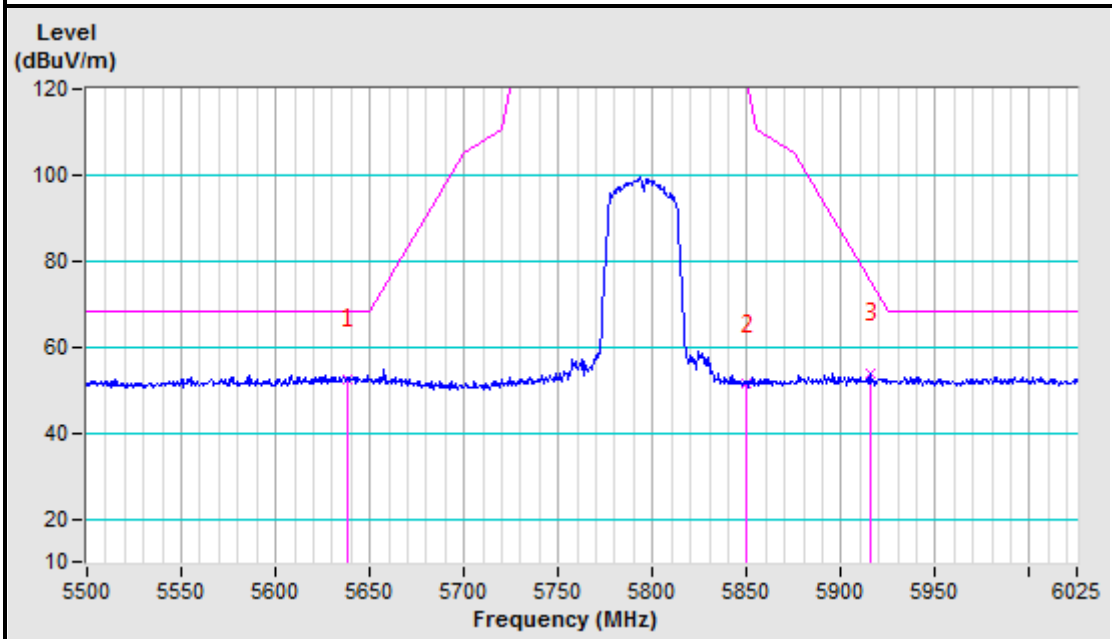
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5638.34	52.36 PK	68.20	-15.84	1.64 H	0	42.72	9.64
2	*5795.00	99.29 PK			1.00 H	40	89.07	10.22
3	*5795.00	84.56 AV			1.00 H	40	74.34	10.22
4	#5850.00	51.30 PK	122.20	-70.90	1.64 H	0	40.88	10.42
5	#5915.62	53.92 PK	75.11	-21.19	1.64 H	0	43.26	10.66
6	11590.00	59.78 PK	74.00	-14.22	1.00 H	0	39.07	20.71
7	11590.00	45.18 AV	54.00	-8.82	1.00 H	0	24.47	20.71
8	#17385.00	64.06 PK	68.20	-4.14	1.00 H	0	36.56	27.50
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	#5650.12	51.67 PK	68.29	-16.62	1.11 V	0	41.99	9.68
2	*5795.00	93.15 PK			1.00 V	33	82.93	10.22
3	*5795.00	78.00 AV			1.00 V	33	67.78	10.22
4	#5850.00	50.65 PK	122.20	-71.55	1.11 V	0	40.23	10.42
5	#5892.07	51.58 PK	92.53	-40.95	1.11 V	0	41.00	10.58
6	11590.00	58.46 PK	74.00	-15.54	1.00 V	0	37.75	20.71
7	11590.00	44.80 AV	54.00	-9.20	1.00 V	0	24.09	20.71
8	#17385.00	63.90 PK	68.20	-4.30	1.00 V	0	36.40	27.50

REMARKS:

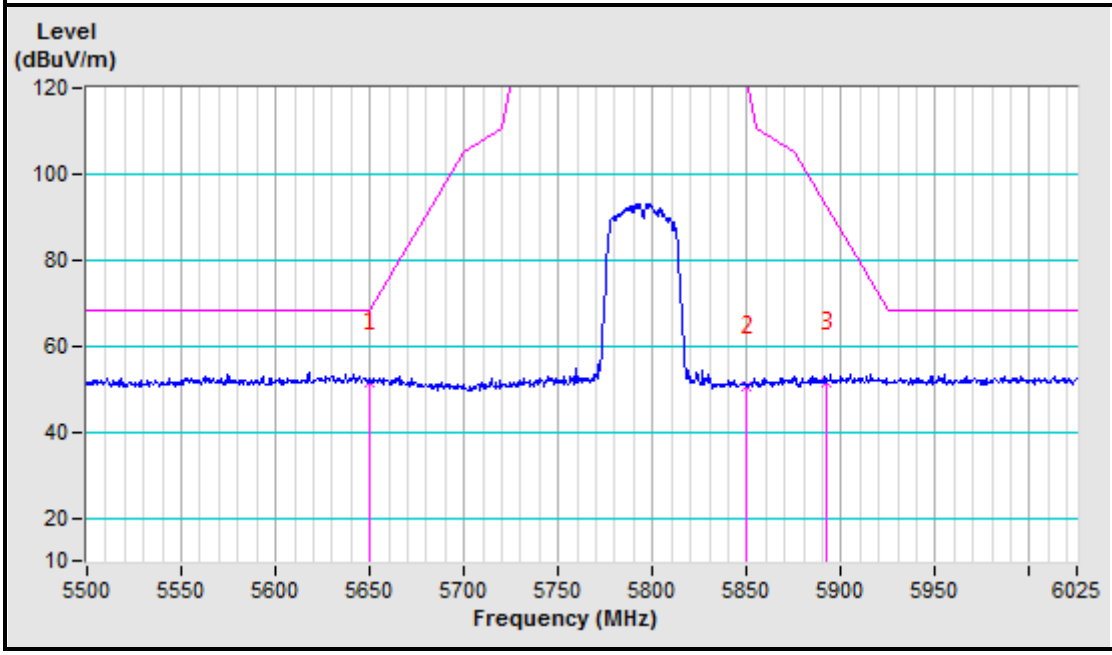
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5795MHz Horizontal



5795MHz Vertical



802.11ac 80MHz

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

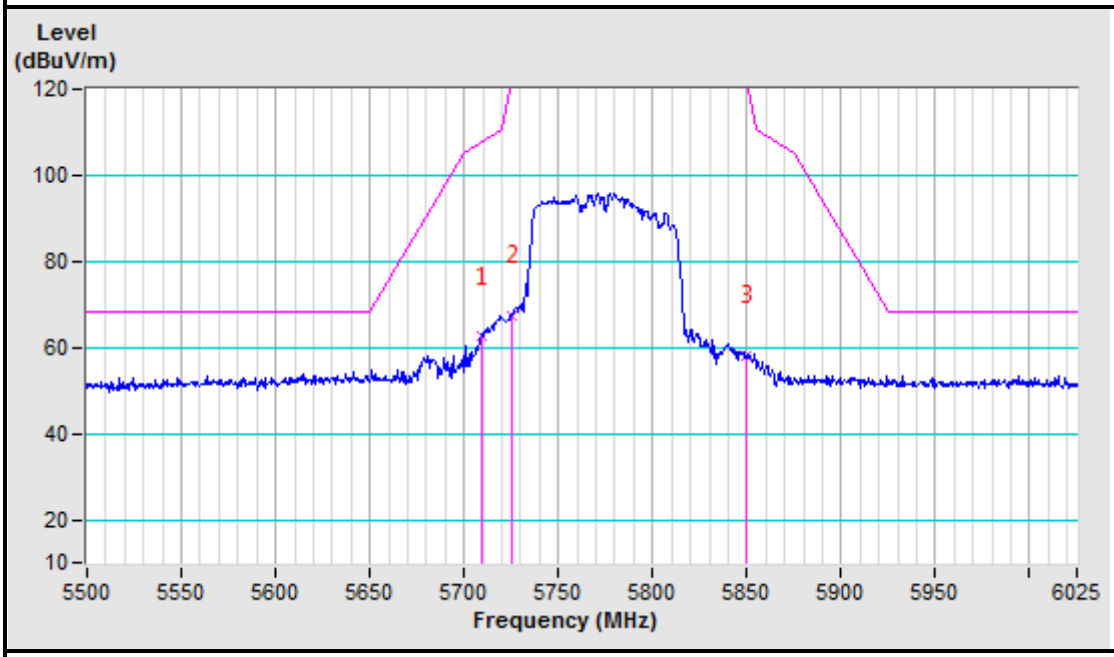
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5709.86	62.53 PK	107.96	-45.43	1.42 H	230	52.63	9.90
2	#5725.00	67.49 PK	122.20	-54.71	1.42 H	230	57.53	9.96
3	*5775.00	95.76 PK			1.00 H	65	85.62	10.14
4	*5775.00	85.96 AV			1.00 H	65	75.82	10.14
5	#5850.00	58.14 PK	122.20	-64.06	1.42 H	230	47.72	10.42
6	11550.00	59.43 PK	74.00	-14.57	1.00 H	0	38.81	20.62
7	11550.00	45.17 AV	54.00	-8.83	1.00 H	0	24.55	20.62
8	#17325.00	64.10 PK	68.20	-4.10	1.00 H	0	36.67	27.43
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	#5717.43	59.14 PK	110.08	-50.94	1.22 V	0	49.21	9.93
2	#5725.00	61.05 PK	122.20	-61.15	1.22 V	0	51.09	9.96
3	*5775.00	90.47 PK			1.00 V	20	80.33	10.14
4	*5775.00	80.87 AV			1.00 V	20	70.73	10.14
5	#5850.00	52.83 PK	122.20	-69.37	1.22 V	0	42.41	10.42
6	11550.00	57.80 PK	74.00	-16.20	1.00 V	0	37.18	20.62
7	11550.00	45.11 AV	54.00	-8.89	1.00 V	0	24.49	20.62
8	#17325.00	64.05 PK	68.20	-4.15	1.00 V	0	36.62	27.43

REMARKS:

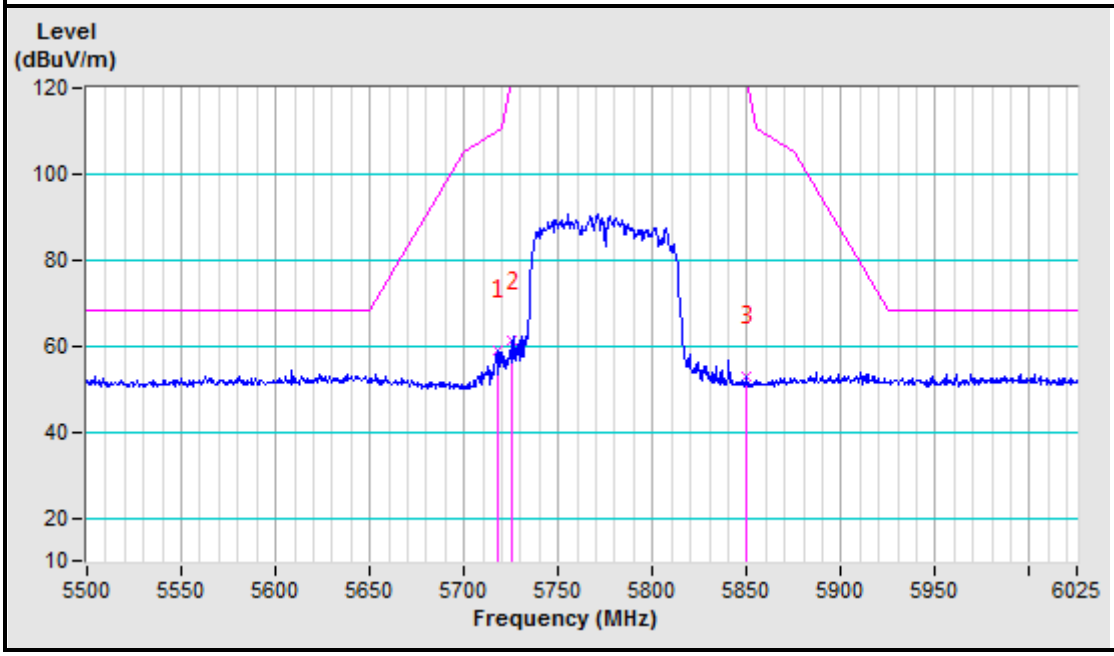
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were greater than 20dB margin.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot

5775MHz Horizontal



5775MHz Vertical



3.2 CONDUCTED EMISSION MEASUREMENT

3.2.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTES: 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.

3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Mar. 18,20	Mar. 17,21
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Mar. 18,20	Mar. 17,21
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Mar. 18,20	Mar. 17,21
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Sep. 24,19	Sep. 23,20
Test software	ADT	ADT_Cond_ V7.3.7	N/A	N/A	N/A

NOTES:

1. The test was performed in shielded room 553.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.2.3 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.

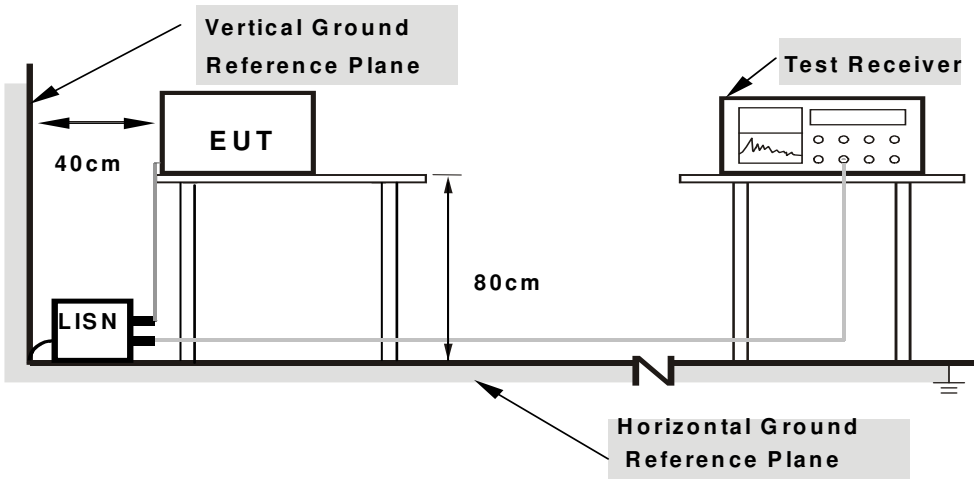
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) were not recorded.

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

3.2.4 DEVIATION FROM TEST STANDARD

No deviation.

3.2.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

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

3.2.6 EUT OPERATING CONDITIONS

Same as 3.1.7

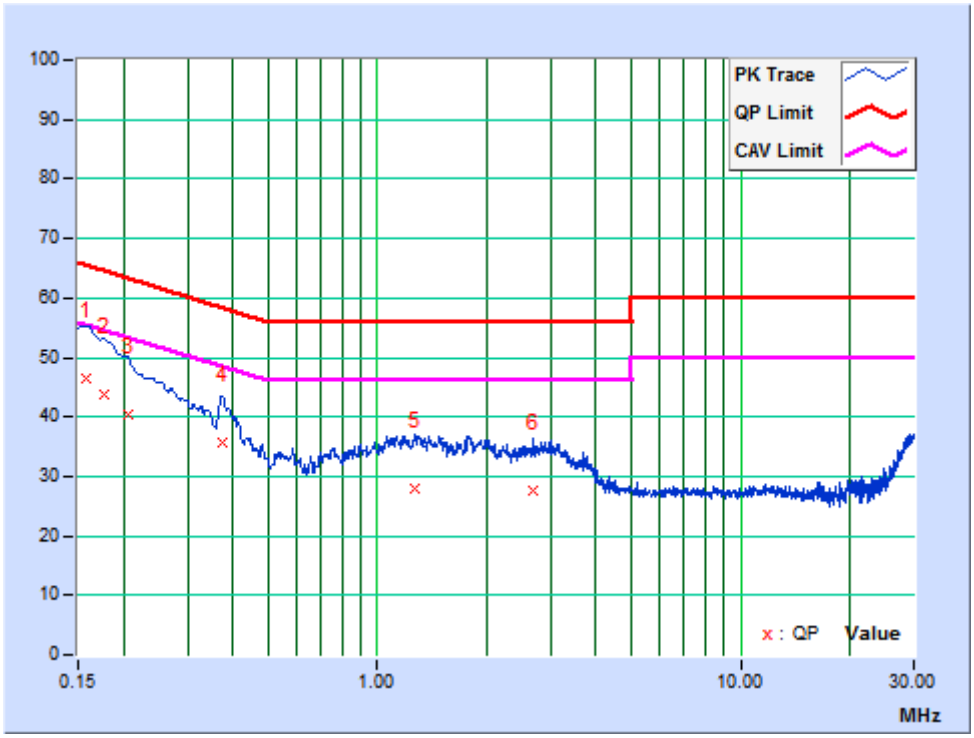
3.2.7 TEST RESULTS

CONDUCTED WORST-CASE DATA: 802.11a CH36

PHASE	Line	6dB BANDWIDTH	9kHz

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	0.15715	9.79	36.57	16.70	46.36	26.49	65.61	55.61	-19.26	-29.13
2	0.17700	9.78	33.93	13.51	43.71	23.29	64.63	54.63	-20.92	-31.34
3	0.20625	9.78	30.68	11.93	40.46	21.71	63.35	53.35	-22.89	-31.64
4	**0.37275**	**9.79**	**25.74**	**19.39**	**35.53**	**29.18**	**58.44**	**48.44**	**-22.91**	**-19.26**
5	1.27537	9.82	17.99	10.98	27.81	20.80	56.00	46.00	-28.19	-25.20
6	2.69244	9.84	17.91	10.61	27.75	20.45	56.00	46.00	-28.25	-25.55

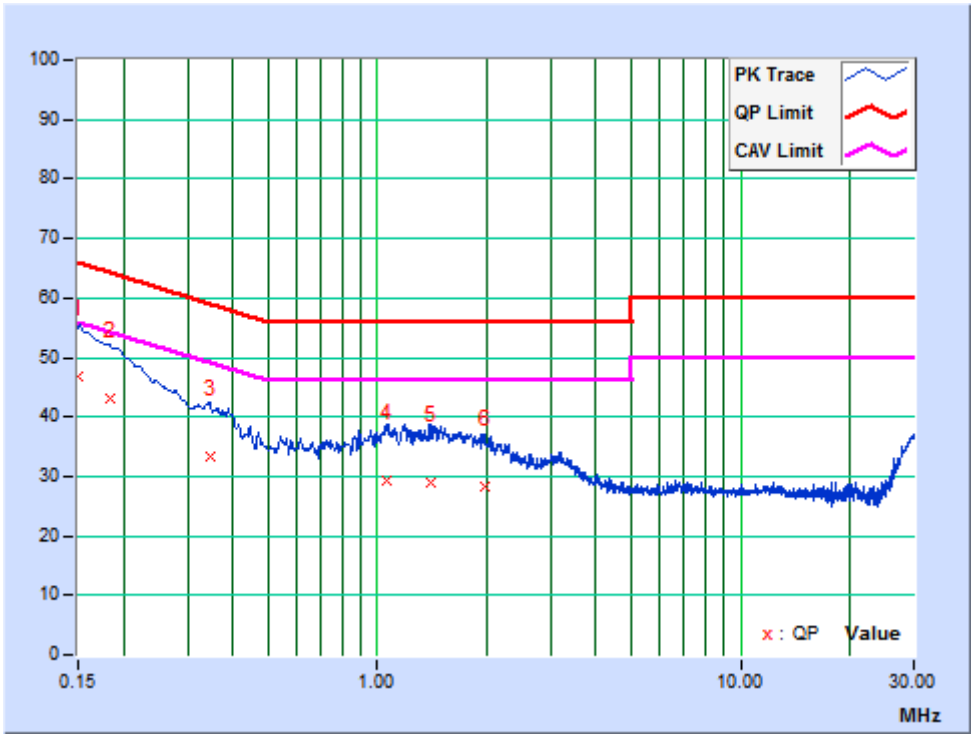
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading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



PHASE	Neutral	6dB BANDWIDTH	9kHz

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	0.15000	9.72	37.00	17.65	46.72	27.37	66.00	56.00	-19.28	-28.63
2	0.18375	9.72	33.26	12.63	42.98	22.35	64.31	54.31	-21.34	-31.97
3	0.34517	9.73	23.46	17.02	33.19	26.75	59.08	49.08	-25.89	-22.33
4	1.06577	9.78	19.43	13.18	29.21	22.96	56.00	46.00	-26.79	-23.04
5	1.39516	9.78	19.27	13.30	29.05	23.08	56.00	46.00	-26.95	-22.92
6	1.96575	9.79	18.52	12.61	28.31	22.40	56.00	46.00	-27.69	-23.60

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak an d 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.



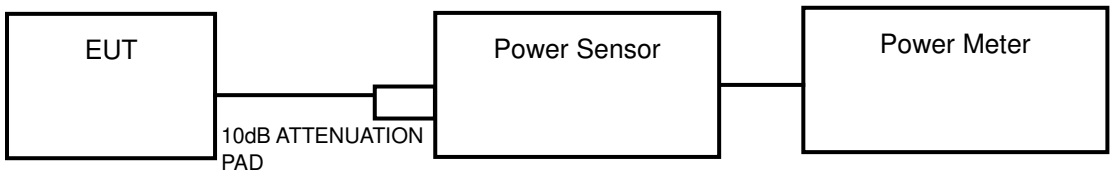
3.3 TRANSMIT POWER MEASUREMENT

3.3.1 LIMITS OF TRANSMIT POWER MEASUREMENT

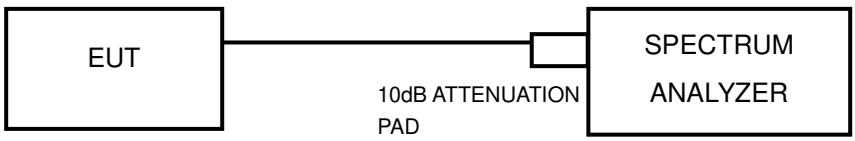
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client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

NOTE: 1. Where B is the 26dB emission bandwidth in MHz.

3.3.2 TEST SETUP



FOR 6/26dB BANDWIDTH



3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Sensor	Keysight	U2021XA	MY55060016	May 22,20	May 21,21
Power Sensor	Keysight	U2021XA	MY55060018	May 22,20	May 21,21
Power Meter	Anritsu	ML2495A	1139001	Mar. 18,20	Mar. 17,21
Power Sensor	Anritsu	MA2411B	1531155	Mar. 18,20	Mar. 17,21
Digital Multimeter	FLUKE	15B	A1220010DG	Oct. 17, 19	Oct.16, 20
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct.31,19	Oct. 30,20
Oscilloscope	Agilent	DSO9254A	MY51260160	Sep. 18,19	Sep. 17,20
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Mar. 18,20	Mar. 17,21
Signal Generator	Agilent	N5183A	MY50140980	Sep. 19,19	Sep. 18,20
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Sep. 12,19	Sep. 11,20
Attenuator	MINI	BW-S10W2+	S130129FGE2	N/A	N/A
DC Source	Keysight	E3642A	MY56146098	N/A	N/A

NOTES:

1. The test was performed in RF Oven room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.3.4 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. Duty factor is not added to measured value.

FOR 26dB BANDWIDTH

1) Set RBW = approximately 1% of the emission bandwidth.
2) Set the VBW > RBW.
3) Detector = RMS.
4) Trace mode = max hold.
5) 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%.

FOR 6dB BANDWIDTH

1) Set RBW = 100 kHz.
2) Set the video bandwidth (VBW) ≥ 3 RBW.
3) Detector = Peak.
4) Trace mode = max hold.
5) Sweep = auto couple.
6) Allow the trace to stabilize.
7) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.3.5 DEVIATION FROM TEST STANDARD

No deviation.

3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

3.3.7 TEST RESULTS

OUTPUT POWER:

802.11a

CHANNEL NUMBER	FREQ. (MHz)	AVG. CONDUCTED POWER (dBm)	AVG. CONDUCTED POWER (mW)	LIMIT (dBm)	PASS /FAIL
36	5180	9.59	9.099	24.00	PASS
40	5200	9.69	9.311	24.00	PASS
48	5240	8.86	7.691	24.00	PASS
52	5260	8.88	7.727	24.00	PASS
60	5300	8.43	6.966	24.00	PASS
64	5320	9.04	8.017	24.00	PASS
100	5500	9.16	8.241	24.00	PASS
116	5580	9.29	8.492	24.00	PASS
140	5700	8.79	7.568	24.00	PASS
149	5745	8.51	7.096	29.97	PASS
157	5785	7.64	5.808	29.97	PASS
165	5825	8.16	6.546	29.97	PASS

Note:

For 5260 ~ 5320MHz, 5500 ~ 5700MHz

1. **11dBm + 10log (20.34) = 24.08 dBm > 24dBm**
2. **11dBm + 10log (20.23) = 24.06 dBm > 24dBm**
3. **11dBm + 10log (20.50) = 24.12 dBm > 24dBm**
4. **11dBm + 10log (20.17) = 24.05 dBm > 24dBm**
5. **11dBm + 10log (20.23) = 24.06 dBm > 24dBm**
6. **11dBm + 10log (20.27) = 24.07 dBm > 24dBm**

For 5745 ~ 5825MHz

7. **Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power limit need to reduce 0.3dBi.**

802.11n (20MHz)

CHANNEL NUMBER	FREQ. (MHz)	AVG. CONDUCTED POWER (dBm)	AVG. CONDUCTED POWER (mW)	LIMIT (dBm)	PASS /FAIL
36	5180	9.61	9.141	24.00	PASS
40	5200	9.04	8.017	24.00	PASS
48	5240	8.73	7.464	24.00	PASS
52	5260	8.72	7.447	24.00	PASS
60	5300	8.33	6.808	24.00	PASS
64	5320	8.96	7.87	24.00	PASS
100	5500	9.04	8.017	24.00	PASS
116	5580	9.21	8.337	24.00	PASS
140	5700	9.03	7.998	24.00	PASS
149	5745	8.36	6.855	29.97	PASS
157	5785	7.61	5.768	29.97	PASS
165	5825	8.04	6.368	29.97	PASS

Note:

For 5260 ~ 5320MHz, 5500 ~ 5700MHz

1. **11dBm + 10log (20.47) = 24.11 dBm > 24dBm**
2. **11dBm + 10log (20.56) = 24.13 dBm > 24dBm**
3. **11dBm + 10log (20.55) = 24.13 dBm > 24dBm**
4. **11dBm + 10log (20.54) = 24.13 dBm > 24dBm**
5. **11dBm + 10log (20.54) = 24.13 dBm > 24dBm**
6. **11dBm + 10log (20.58) = 24.91 dBm > 24dBm**

For 5745 ~ 5825MHz

7. **Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power limit need to reduce 0.3dBi.**

802.11n (40MHz)

CHANNEL NUMBER	FREQ. (MHz)	AVG. CONDUCTED POWER (dBm)	AVG. CONDUCTED POWER (mW)	LIMIT (dBm)	PASS /FAIL
38	5190	8.86	7.691	24.00	PASS
46	5230	8.61	7.261	24.00	PASS
54	5270	8.82	7.621	24.00	PASS
62	5310	9.26	8.433	24.00	PASS
102	5510	9.06	8.054	24.00	PASS
110	5550	9.33	8.57	24.00	PASS
134	5670	8.92	7.798	24.00	PASS
151	5755	8.29	6.745	29.97	PASS
159	5795	8.61	7.261	29.97	PASS

Note:

For 5260 ~ 5320MHz, 5500 ~ 5700MHz

1. **11dBm + 10log (41.59) = 27.19 dBm > 24dBm**
2. **11dBm + 10log (41.69) = 27.20 dBm > 24dBm**
3. **11dBm + 10log (41.52) = 27.18 dBm > 24dBm**
4. **11dBm + 10log (41.69) = 27.20 dBm > 24dBm**
5. **11dBm + 10log (41.88) = 27.22 dBm > 24dBm**

For 5745 ~ 5825MHz

6. **Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power limit need to reduce 0.3dBi.**

802.11ac (80MHz)

CHANNEL NUMBER	FREQ. (MHz)	AVG. CONDUCTED POWER (dBm)	AVG. CONDUCTED POWER (mW)	LIMIT (dBm)	PASS /FAIL
42	5210	9.33	8.57	24.00	PASS
58	5290	8.48	7.047	24.00	PASS
106	5530	5.11	3.243	24.00	PASS
122	5610	9.23	8.375	24.00	PASS
155	5775	8.03	6.353	29.97	PASS

Note:

For 5260 ~ 5320MHz, 5500 ~ 5700MHz

1. **11dBm + 10log (81.54) = 30.11 dBm > 24dBm**
2. **11dBm + 10log (81.64) = 30.12 dBm > 24dBm**
3. **11dBm + 10log (81.75) = 30.12 dBm > 24dBm**

For 5745 ~ 5825MHz

4. **Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power limit need to reduce 0.3dBi.**

26dB BANDWIDTH:

802.11a

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)	PASS /FAIL
36	5180	20.28	PASS
40	5200	20.28	PASS
48	5240	20.35	PASS
52	5260	20.34	PASS
60	5300	20.23	PASS
64	5320	20.50	PASS
100	5500	20.17	PASS
116	5580	20.23	PASS
140	5700	20.27	PASS

802.11n (20MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)	PASS /FAIL
36	5180	20.61	PASS
40	5200	20.46	PASS
48	5240	20.53	PASS
52	5260	20.47	PASS
60	5300	20.56	PASS
64	5320	20.55	PASS
100	5500	20.54	PASS
116	5580	20.54	PASS
140	5700	20.58	PASS

802.11n (40MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)	PASS /FAIL
38	5190	41.85	PASS
46	5230	41.92	PASS
54	5270	41.59	PASS
62	5310	41.69	PASS
102	5510	41.52	PASS
110	5550	41.69	PASS
134	5670	41.88	PASS

802.11ac (80MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)	PASS /FAIL
42	5210	81.45	PASS
58	5290	81.54	PASS
106	5530	81.64	PASS
122	5610	81.75	PASS

6dB BANDWIDTH For 5725-5850MHz

802.11a

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)	PASS /FAIL
149	**5745**	15.19	PASS
157	**5785**	15.19	PASS
165	**5825**	15.20	PASS

802.11n (20M)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)	PASS /FAIL
149	**5745**	15.19	PASS
157	**5785**	15.33	PASS
165	**5825**	15.18	PASS

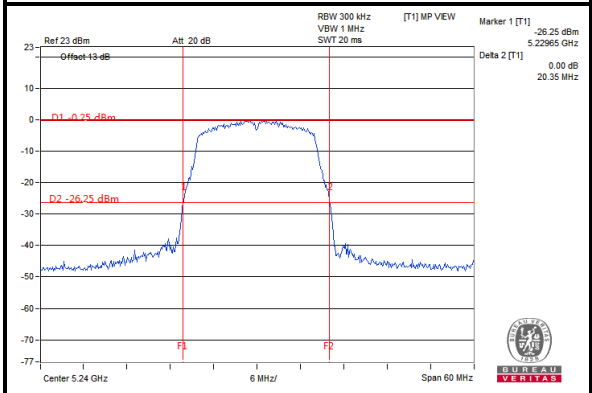
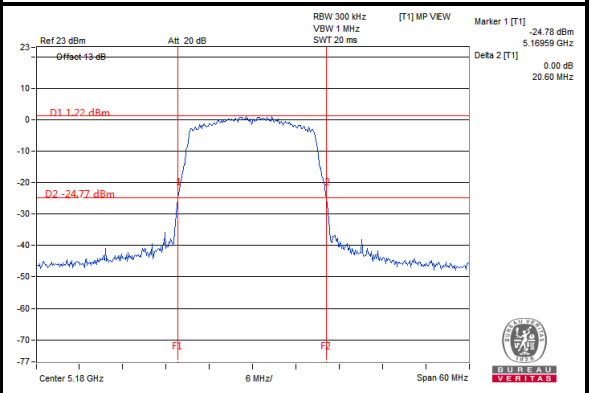
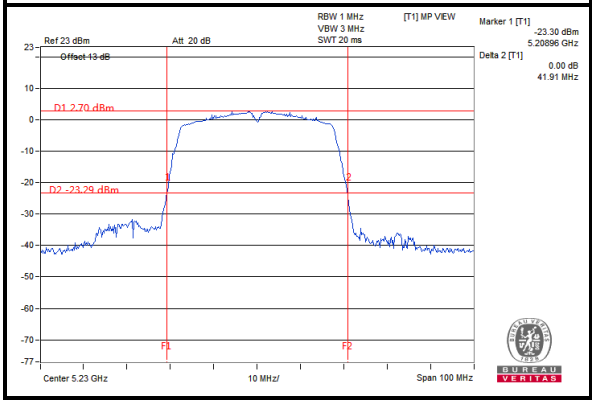
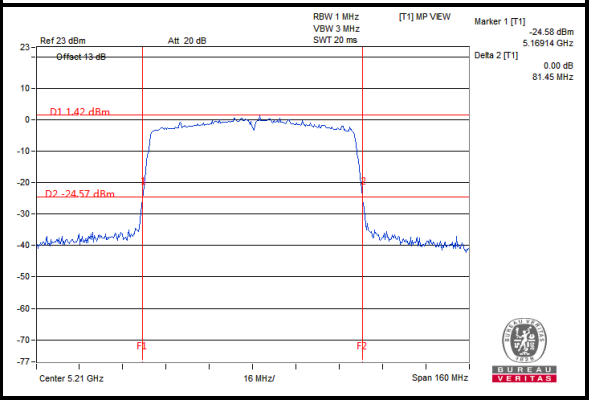
802.11n (40M)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)	PASS /FAIL
151	**5755**	35.23	PASS
159	**5795**	35.28	PASS

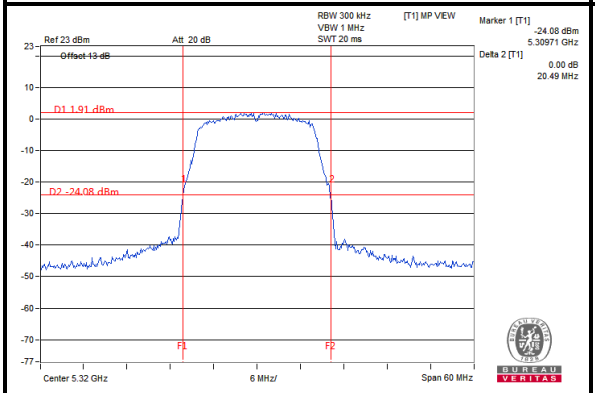
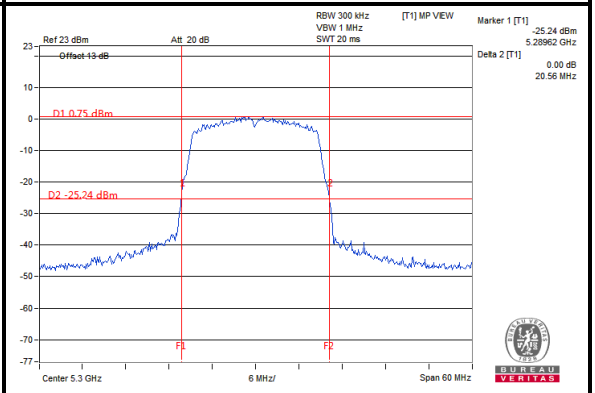
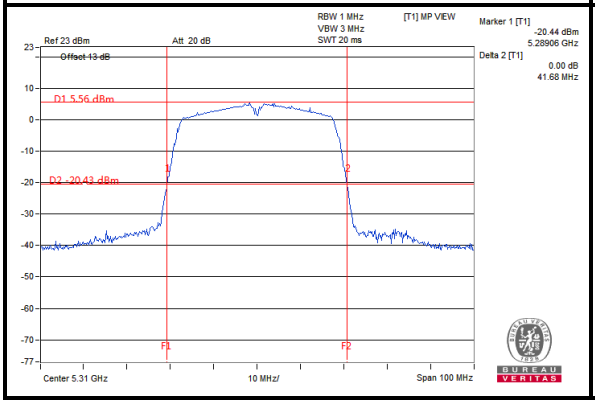
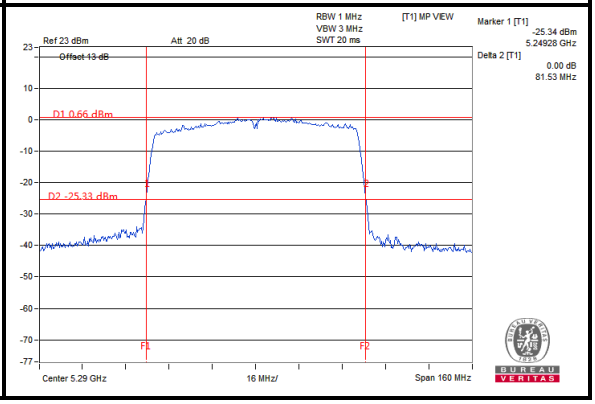
802.11ac (80MHz)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)	PASS /FAIL
155	**5775**	75.46	PASS

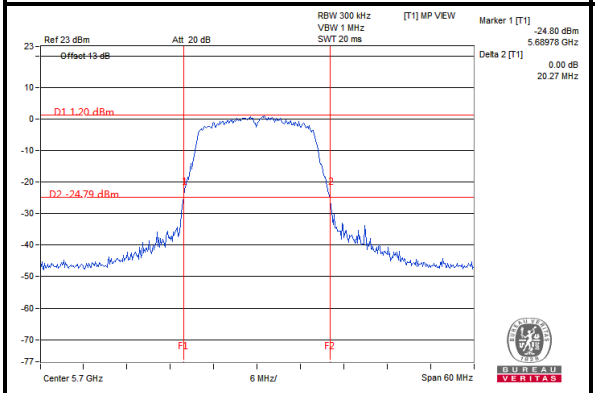
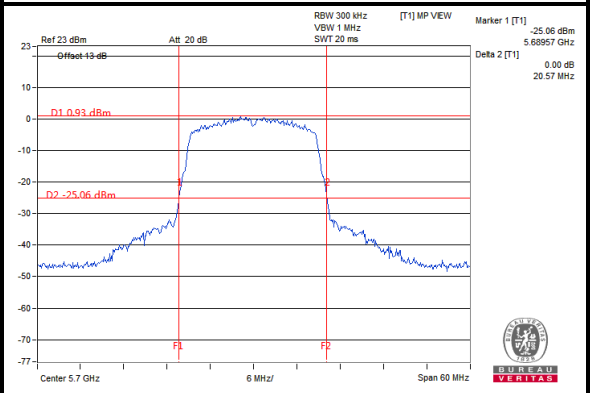
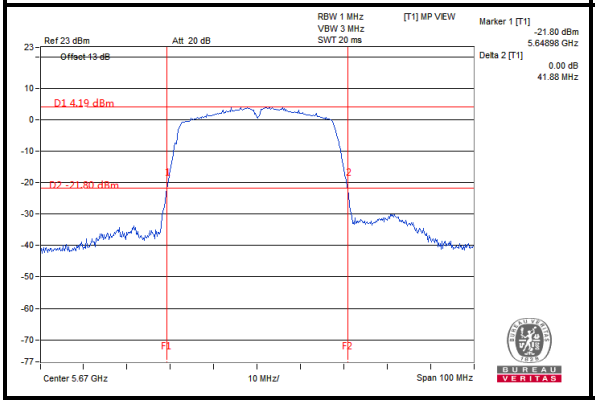
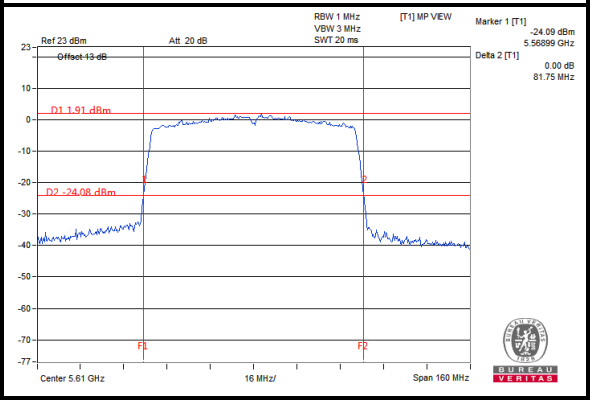
26dB bandwidth Test Plot
For 5150-5250MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a 5240MHz	802.11n20 5180MHz
	
802.11n40 5230MHz	802.11ac80 5210MHz
	

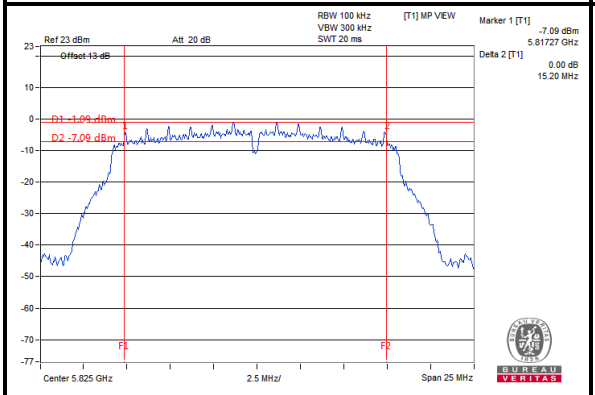
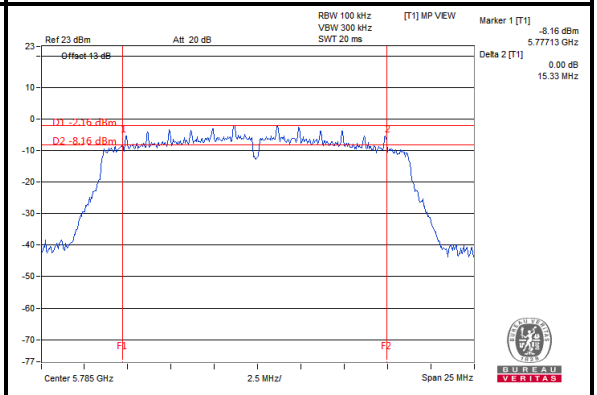
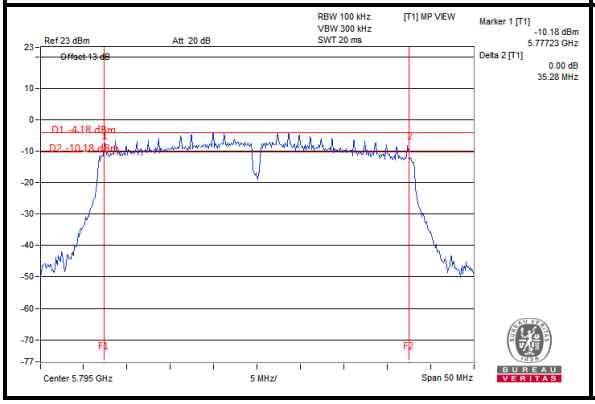
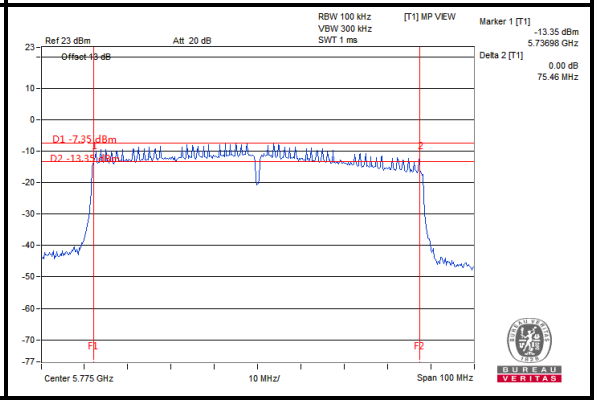
For 5250-5350MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a 5320MHz	802.11n20 5300MHz
	
802.11n40 5310MHz	802.11ac80 5290MHz
	

For 5470-5725MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a 5700MHz	802.11n20 5700MHz
	
802.11n40 5670MHz	802.11ac80 5610MHz
	

6dB BANDWIDTH For 5725-5850MHz

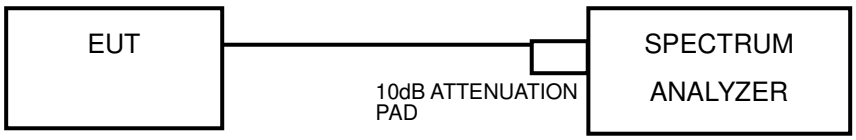
SPECTRUM PLOT OF WORST VALUE	
802.11a 5825MHz	802.11n20 5785MHz
	
802.11n40 5795MHz	802.11ac80 5775MHz
	

3.4 PEAK POWER SPECTRAL DENSITY MEASUREMENT

3.4.1 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

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.4.4 TEST PROCEDURES

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

Using method SA-2

1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
2) Set RBW = 1MHz, Set VBW =3 MHz, Detector = RMS
3) Set Channel power measure = 1MHz
4) Sweep time = auto, trigger set to “free run”.
5) Trace average at least 100 traces in power averaging mode.
6) Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

Using method SA-2

1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
2) Set RBW = 300 kHz, Set VBW =1 MHz, Detector = RMS
3) Set Channel power measure = 1MHz
4) Sweep time = auto, trigger set to “free run”.
5) Trace average at least 100 traces in power averaging mode.
6) Record the max value and add 10 log (1/duty cycle)

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

Same as 3.3.6

3.4.7 TEST RESULTS

For U-NII-1, U-NII-2A & U-NII-2C，For U-NII-3:

802.11a

Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	MAX. Limit (dBm)	PASS / FAIL
36	5180	-3.03	0.146	-2.88	11.00	PASS
40	5200	-2.59	0.146	-2.44	11.00	PASS
48	5240	-4.13	0.146	-3.98	11.00	PASS
52	5260	-3.73	0.146	-3.58	11.00	PASS
60	5300	-3.11	0.146	-2.96	11.00	PASS
64	5320	-1.73	0.146	-1.58	11.00	PASS
100	5500	-2.00	0.146	-1.85	11.00	PASS
116	5580	-2.40	0.146	-2.25	11.00	PASS
140	5700	-3.24	0.146	-3.09	11.00	PASS

Note: Refer to section 2.3 for duty cycle spectrum plot.

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	PASS / FAIL
149	5745	-11.96	-9.74	0.146	-9.74	29.97	PASS
157	5785	-12.18	-9.96	0.146	-9.96	29.97	PASS
165	5825	-10.90	-8.68	0.146	-8.68	29.97	PASS

Notes:

1. Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power density limit need to reduce 0.3dBi.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11n (20MHz)

Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	MAX. Limit (dBm)	PASS / FAIL
36	5180	-2.88	0.155	-2.73	11.00	PASS
40	5200	-3.94	0.155	-3.79	11.00	PASS
48	5240	-4.53	0.155	-4.38	11.00	PASS
52	5260	-4.13	0.155	-3.98	11.00	PASS
60	5300	-3.44	0.155	-3.29	11.00	PASS
64	5320	-2.25	0.155	-2.10	11.00	PASS
100	5500	-2.36	0.155	-2.21	11.00	PASS
116	5580	-2.75	0.155	-2.60	11.00	PASS
140	5700	-3.55	0.155	-3.40	11.00	PASS

Note: Refer to section 2.3 for duty cycle spectrum plot.

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	PASS / FAIL
149	5745	-12.39	-10.17	0.155	-10.17	29.97	PASS
157	5785	-12.45	-10.23	0.155	-10.23	29.97	PASS
165	5825	-11.26	-9.04	0.155	-9.04	29.97	PASS

Notes:

1. Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power density limit need to reduce 0.3dBi.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11n (40MHz)

Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	MAX. Limit (dBm)	PASS / FAIL
38	5190	-6.90	0.311	-6.59	11.00	PASS
46	5230	-7.54	0.311	-7.23	11.00	PASS
54	5270	-6.89	0.311	-6.58	11.00	PASS
62	5310	-5.42	0.311	-5.11	11.00	PASS
102	5510	-5.33	0.311	-5.02	11.00	PASS
118	5590	-5.58	0.311	-5.27	11.00	PASS
134	5670	-6.36	0.311	-6.05	11.00	PASS

Note: Refer to section 2.3 for duty cycle spectrum plot.

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	PASS / FAIL
151	5755	-15.72	-13.50	0.311	-13.50	29.97	PASS
159	5795	-14.76	-12.54	0.311	-12.54	29.97	PASS

Notes:

1. Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power density limit need to reduce 0.3dBi.
2. Refer to section 3.3 for duty cycle spectrum plot.

802.11ac (80MHz)

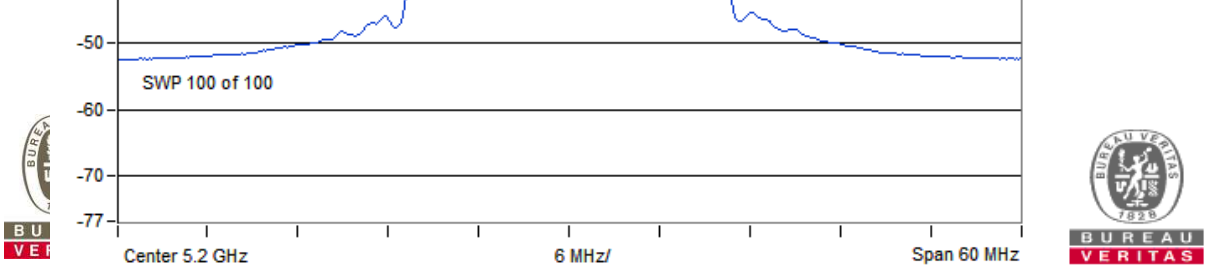
Channel	Frequency (MHz)	PSD W/O Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD with Duty Factor (dBm/MHz)	MAX. Limit (dBm)	PASS / FAIL
42	5210	-10.30	0.605	-9.70	11.00	PASS
58	5290	-10.09	0.605	-9.49	11.00	PASS
106	5530	-13.30	0.605	-12.70	11.00	PASS
122	5610	-9.26	0.605	-8.66	11.00	PASS

Note: Refer to section 2.3 for duty cycle spectrum plot.

Chan.	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	PASS / FAIL
155	5775	-19.01	-16.79	0.605	-16.79	29.97	PASS

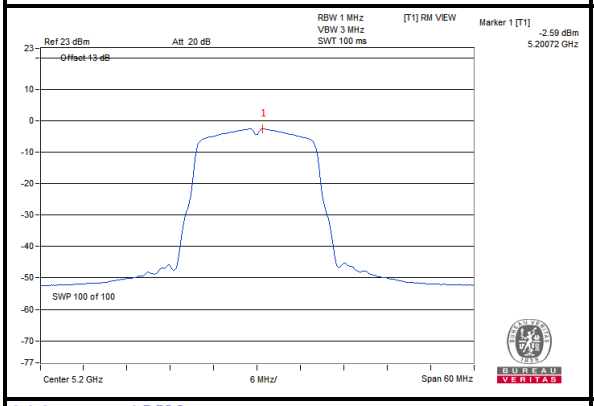
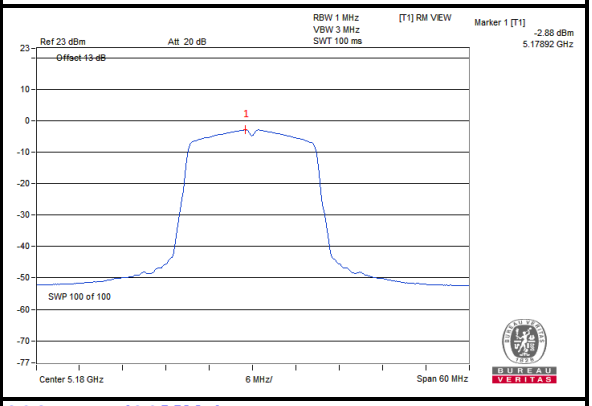
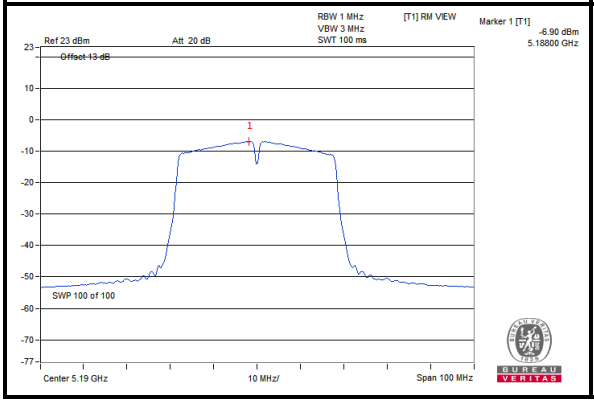
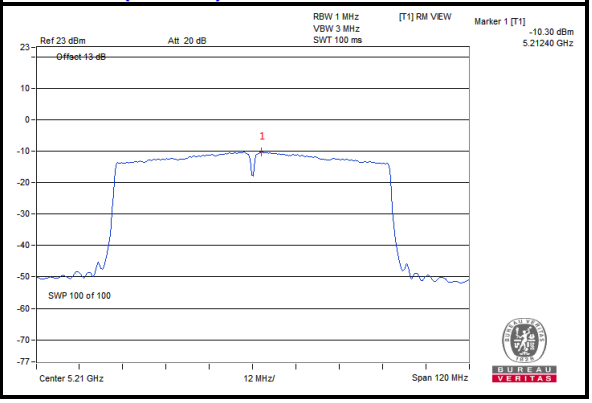
Notes:

1. Directional gain=6.03dBi (1TX 1RX only), more than 6dBi, so the power density limit need to reduce 0.3dBi.
2. Refer to section 3.3 for duty cycle spectrum plot.

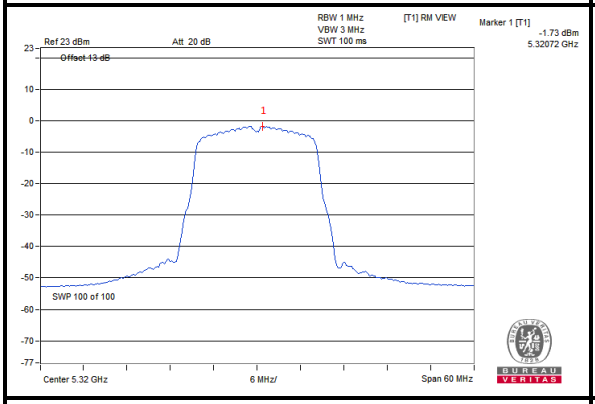
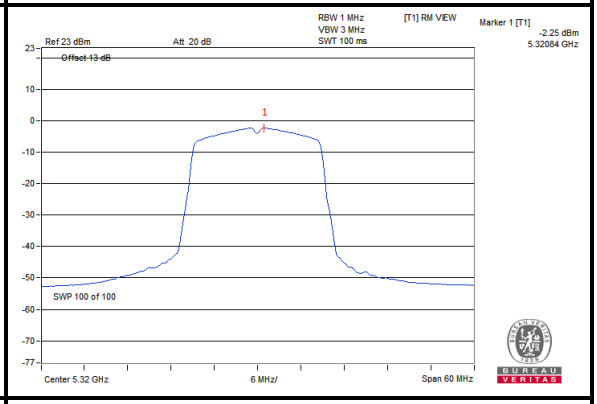
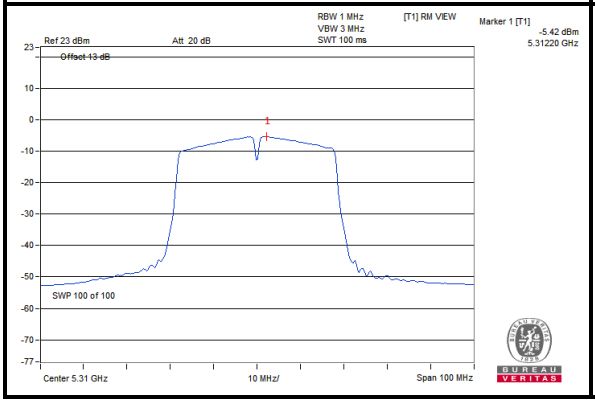
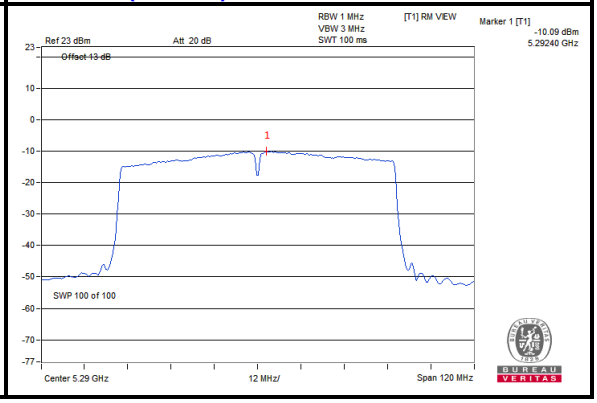


PSD Test Plot

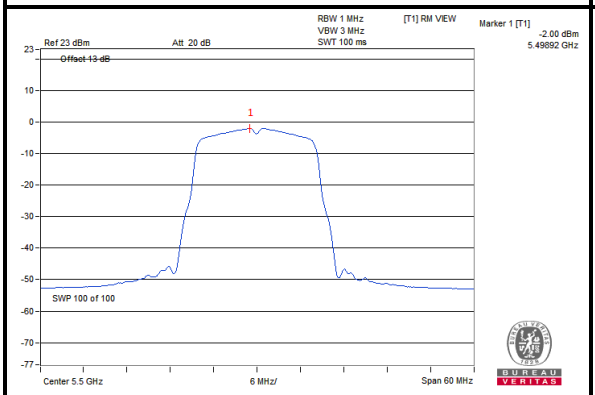
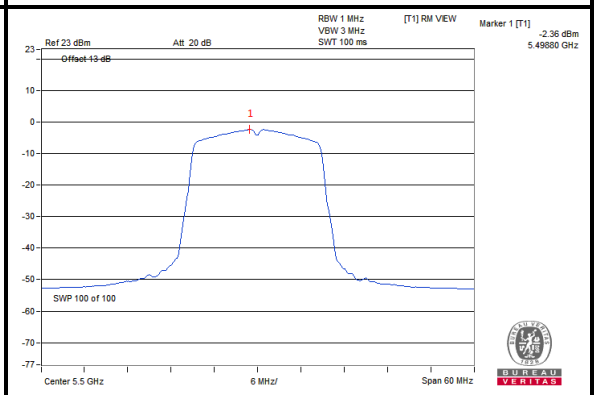
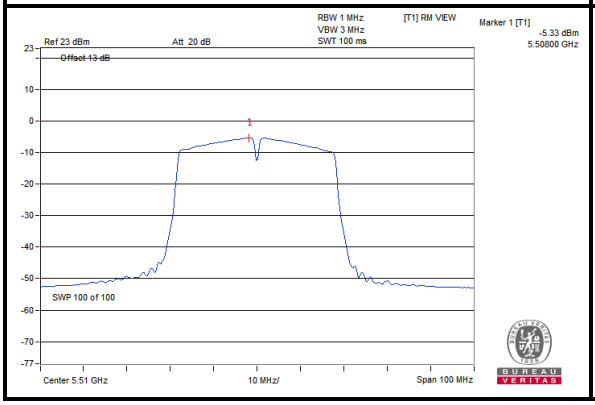
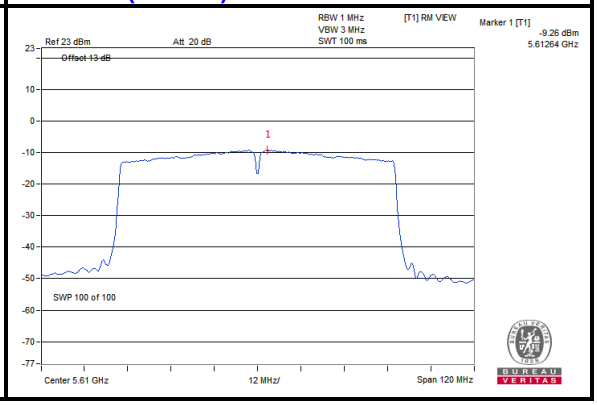
BAND 1
5150-5250MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a	**802.11n 20MHz**
	
802.11n 40MHz	**802.11ac (80MHz)**
	

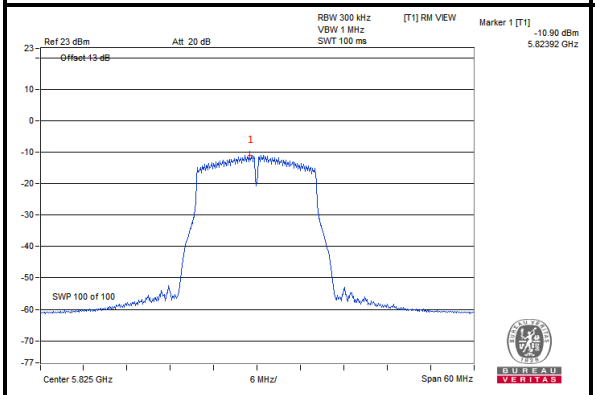
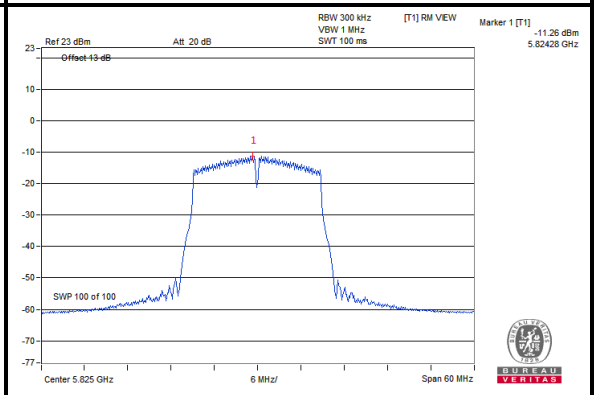
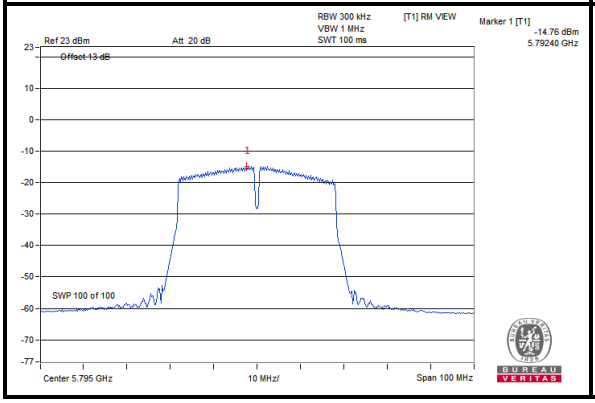
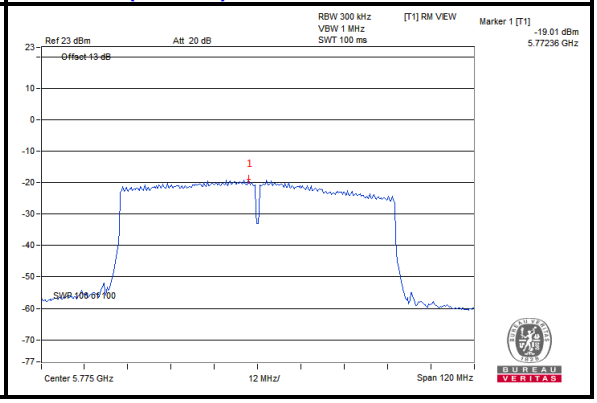
BAND 2
5250-5350MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a	**802.11n 20MHz**
	
802.11n 40MHz	**802.11ac (80MHz)**
	

BAND 3
5470-5725MHz

SPECTRUM PLOT OF WORST VALUE	
802.11a	**802.11n 20MHz**
	
802.11n 40MHz	**802.11ac (80MHz)**
	

BAND4
5725-5850MHz

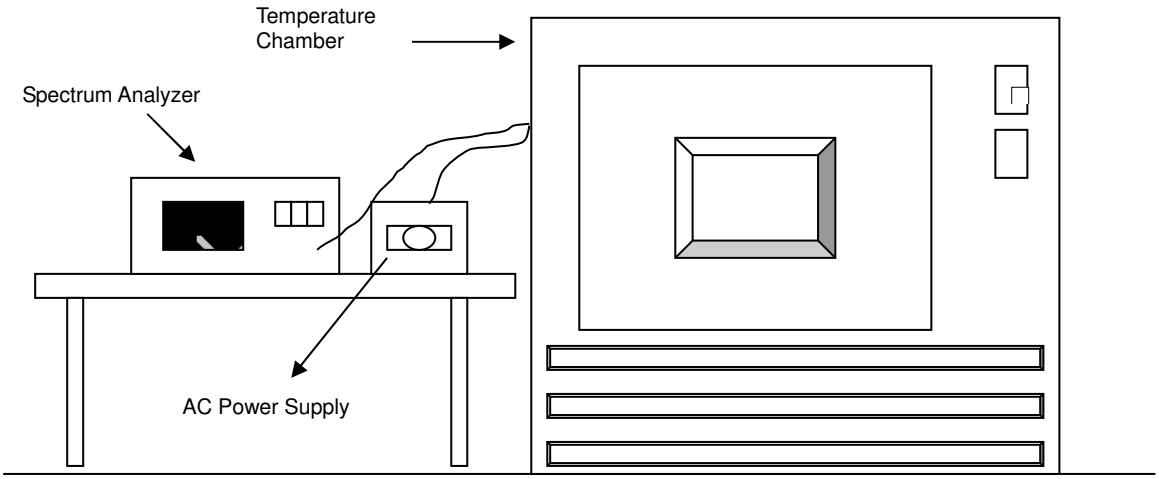
SPECTRUM PLOT OF WORST VALUE	
802.11a	**802.11n 20MHz**
	
802.11n 40MHz	**802.11ac (80MHz)**
	

3.5 FREQUENCY STABILITY

3.5.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

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

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.4 TEST PROCEDURE

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

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITION

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

3.5.7 TEST RESULTS

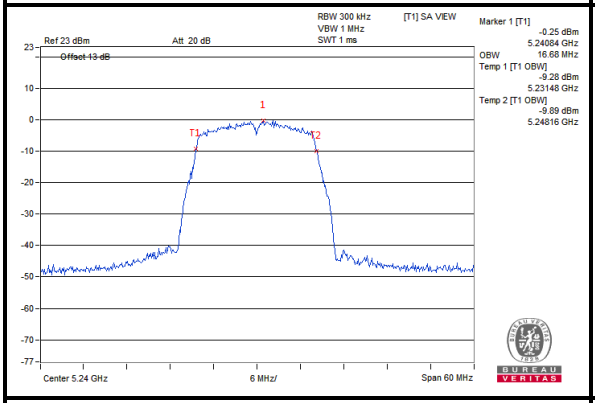
FREQUEMCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5180MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift
50	120	5179.9912	-0.00017	5179.9925	-0.00014	5179.9878	-0.00024	5179.9923	-0.00015
40	120	5180.019	0.00037	5180.0161	0.00031	5180.016	0.00031	5180.0166	0.00032
30	120	5179.976	-0.00046	5179.9782	-0.00042	5179.978	-0.00042	5179.9753	-0.00048
20	120	5179.9826	-0.00034	5179.9828	-0.00033	5179.9846	-0.00030	5179.9848	-0.00029
10	120	5180.02	0.00039	5180.0164	0.00032	5180.0189	0.00036	5180.0191	0.00037
0	120	5180.0225	0.00043	5180.0188	0.00036	5180.0232	0.00045	5180.0196	0.00038
-10	120	5180.0227	0.00044	5180.023	0.00044	5180.0204	0.00039	5180.0237	0.00046
-20	120	5180.0211	0.00041	5180.0221	0.00043	5180.0197	0.00038	5180.0222	0.00043
-30	120	5180.0223	0.00043	5180.0198	0.00038	5180.0241	0.00047	5180.0244	0.00047

FREQUEMCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5180MHz									
TEMP. (℃)	POWER SUPPLY (Vac)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift
20	138	5179.9816	-0.00036	5179.9837	-0.00031	5179.9837	-0.00031	5179.9848	-0.00029
	120	5179.9826	-0.00034	5179.9828	-0.00033	5179.9846	-0.00030	5179.9848	-0.00029
	102	5179.9824	-0.00034	5179.9837	-0.00031	5179.9841	-0.00031	5179.9838	-0.00031

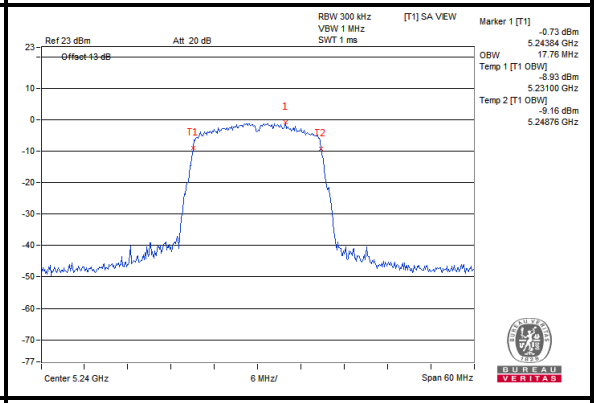
Band 1
5150-5250MHz
99% Occupied Bandwidth Without over DFS Band

SPECTRUM PLOT OF WORST VALUE

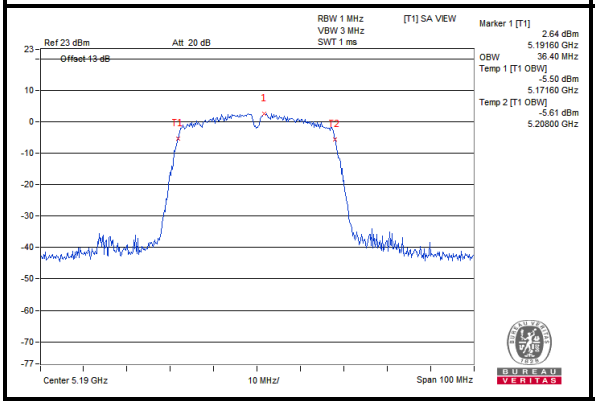
802.11a 5240MHz



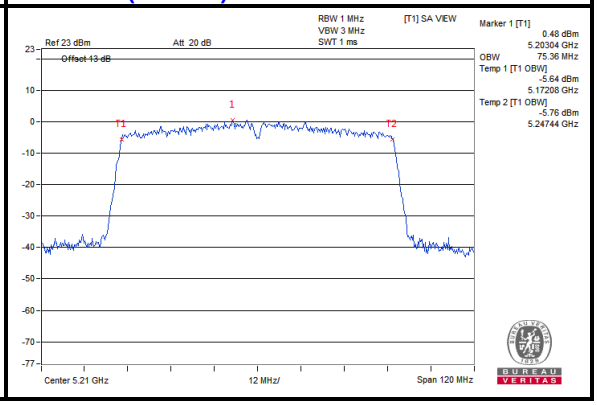
802.11n 20MHz 5240MHz



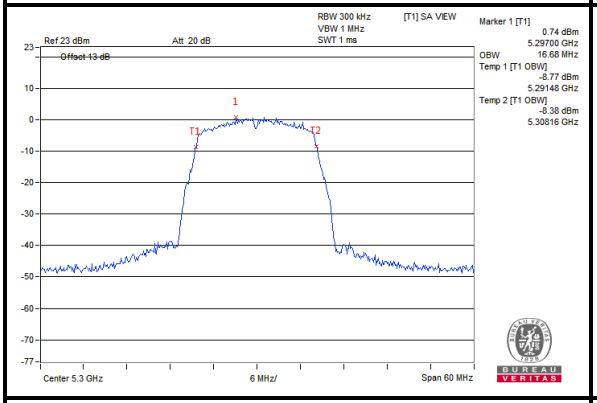
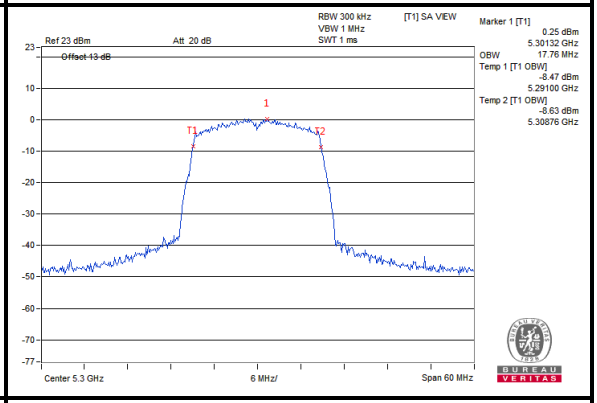
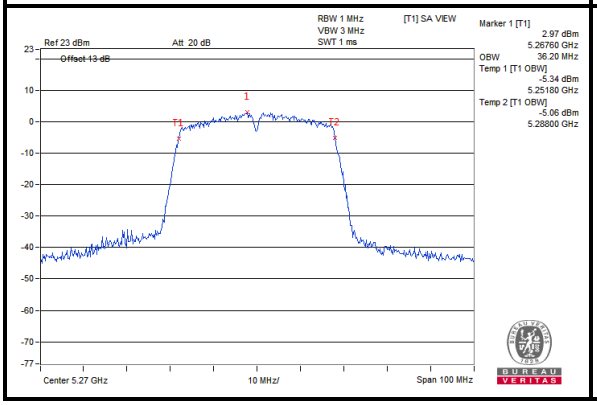
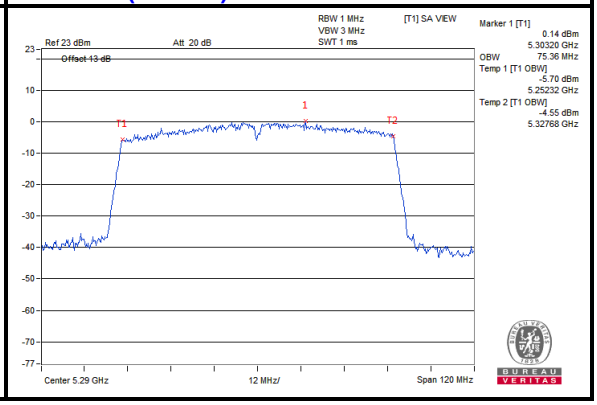
802.11n 40MHz 5190MHz



802.11ac (80MHz)



Band 2
5250-5350MHz
99% Occupied Bandwidth Without over Band 1

SPECTRUM PLOT OF WORST VALUE	
802.11a 5300MHz	**802.11n 20MHz 5300MHz**
	
802.11n 40MHz 5270MHz	**802.11ac (80MHz)**
	

4. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

5. APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

---END---