

TEST REPORT

Applicant	BenQ Corporation
Address	16 Jihu Road, Neihu, Taipei 114, Taiwan

Manufacturer or Supplier	BenQ Corporation
Address	16 Jihu Road, Neihu, Taipei 114, Taiwan
Product Name	Wi-Fi BT Module
Brand Name	N/A
Model	WXT2AM2101
Additional Model & Model Difference	N/A
Date of tests	Jul. 31, 2024 ~ Sep. 11, 2024

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

☒ **FCC Part 15, Subpart E, Section 15.407**

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

Tested by Andy Zhu Supervisor / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	
	Date: Oct. 21, 2024

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2407WDG0195-4	Original release	Oct. 21, 2024

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(e)	6dB bandwidth	PASS	Meet the requirement of limit. (U-NII-3 Band only)
15.407(g)	Frequency Stability	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is ipex(MHF) 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	3.36dB
Radiated emissions	9KHz ~ 30MHz	2.80dB
	30MHz ~ 1GMHz	4.65dB
	1GHz ~ 18GHz	5.01dB
	18GHz ~ 40GHz	4.10dB

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 NAME	Wi-Fi BT Module
MODEL NO.	WXT2AM2101
FCC ID	JVPWXT2AM2101
POWER SUPPLY	DC 3.3V
MODULATION TECHNOLOGY	OFDM, OFDMA
MODULATION TYPE	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
OPERATING FREQUENCY	5180 ~ 5240MHz, 5260 ~ 5320MHz 5500 ~ 5700MHz, 5745 ~ 5825MHz
NUMBER OF CHANNEL	See section 2.2
CONDUCTED OUTPUT POWER	32.250 mW for 5150 ~ 5250MHz (Maximum AVG Power) 70.402 mW for 5250 ~ 5350MHz (Maximum AVG Power) 73.887 mW for 5470 ~ 5725MHz (Maximum AVG Power) 59.102 mW for 5725 ~ 5850MHz (Maximum AVG Power)
ANTENNA TYPE	5150 ~ 5250MHz: Chain 0: FPC antenna with 4.46dBi gain Chain 1: FPC antenna with 5.13dBi gain 5260 ~ 5320MHz: Chain 0: FPC antenna with 4.38dBi gain Chain 1: FPC antenna with 5.13dBi gain 5500 ~ 5700MHz: Chain 0: FPC antenna with 5.69dBi gain Chain 1: FPC antenna with 6.57dBi gain 5725MHz ~ 5850MHz Chain 0: FPC antenna with 4.96dBi gain Chain 1: FPC antenna with 6.43dBi gain
I/O PORTS	N/A
CABLE SUPPLIED	N/A

NOTES:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
- The working state of the WIFI antenna is as follows.

MODULATION MODE	TX FUNCTION
802.11a	2 Chains (SISO)
802.11n(HT20)/ac(VHT20)/ax(HE20)	2 Chains (MIMO)
802.11n(HT40)/ac(VHT40)/ax(HE40)	2 Chains (MIMO)

802.11ac (VHT80)/802.11ax(HE80)	2 Chains (MIMO)
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* The modulation and bandwidth are similar for 802.11n mode for HT20 / HT40 and 802.11ac mode for VHT20 / VHT40, therefore investigated worst case to representative mode in test report. (Final test mode refer section 2.2.1)

* 802.11a provided a SISO function, all test items are carried out on the maximum power "chain 1" antenna except Transmit Power and Peak Power Spectral Density tests.

4. Please refer to the EUT photo document (Reference No.: 2407WDG0195) for detailed product photo.
5. The antenna information is listed as below.

Ant. No.	Antenna Type	Connector Type	Peak Gain(dBi)			
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
Chain 0	FPC	Ipex(MHF)	4.46	4.38	5.69	4.96
Chain 1	FPC	Ipex(MHF)	5.13	5.13	6.57	6.43

2.2 DESCRIPTION OF TEST MODES

FOR 5150 ~ 5250MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
42	5210MHz	--	--

FOR 5250 ~ 5350MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
54	5270 MHz	62	5310 MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
58	5290MHz	--	--

FOR 5470 ~ 5725MHz

11 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

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), 802.11ax (HE80):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
106	5530MHz	122	5610MHz

FOR 5725 ~ 5850MHz

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20):

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), 802.11ax (HE40):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (VHT80), 802.11ax (HE80):

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	√	√	√	√	5G Wi-Fi Function

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(HT20)		36 to 48	36, 40, 48	OFDM	BPSK	MCS0
	802.11n(HT40)		38 to 46	38, 46	OFDM	BPSK	MCS0
	802.11n(VHT80)		42	42	OFDM	BPSK	MCS0
	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	BPSK	MCS0
	802.11ax (HE40)		38 to 46	38, 46	OFDMA	BPSK	MCS0
	802.11ax (HE80)		42	42	OFDMA	BPSK	MCS0
	802.11a	5250-5350	52 to 64	52, 60, 64	OFDM	BPSK	6.0
	802.11n(HT20)		52 to 64	52, 60, 64	OFDM	BPSK	MCS0
	802.11n(HT40)		54 to 62	54, 62	OFDM	BPSK	MCS0
	802.11n(VHT80)		58	58	OFDM	BPSK	MCS0
	802.11ax (HE20)		52 to 64	52, 60, 64	OFDMA	BPSK	MCS0
	802.11ax (HE40)		54 to 62	54, 62	OFDMA	BPSK	MCS0
	802.11ax (HE80)		58	58	OFDMA	BPSK	MCS0
	802.11a	5470-5725	100 to 140	100, 116, 140	OFDM	BPSK	6.0
	802.11n(HT20)		100 to 140	100, 116, 140	OFDM	BPSK	MCS0
	802.11n(HT40)		102 to 134	102, 110, 134	OFDM	BPSK	MCS0
	802.11n(VHT80)		106, 122	106, 122	OFDM	BPSK	MCS0
	802.11ax (HE20)		100 to 140	100, 116, 140	OFDMA	BPSK	MCS0
	802.11ax (HE40)		102 to 134	102, 110, 134	OFDMA	BPSK	MCS0
	802.11ax (HE80)		106, 122	106, 122	OFDMA	BPSK	MCS0
	802.11a	5725-5850	149 to 165	149, 157, 165	OFDM	BPSK	6.0
	802.11n(HT20)		149 to 165	149, 157, 165	OFDM	BPSK	MCS0
	802.11n(HT40)		151 to 159	151, 159	OFDM	BPSK	MCS0
	802.11n(VHT80)		155	155	OFDM	BPSK	MCS0
	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0
	802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0

	802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0
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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 5250-5350 5470-5725 5725-5850	36 to 48 52 to 64 100 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 5250-5350 5470-5725 5725-5850	36 to 48 52 to 64 100 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.

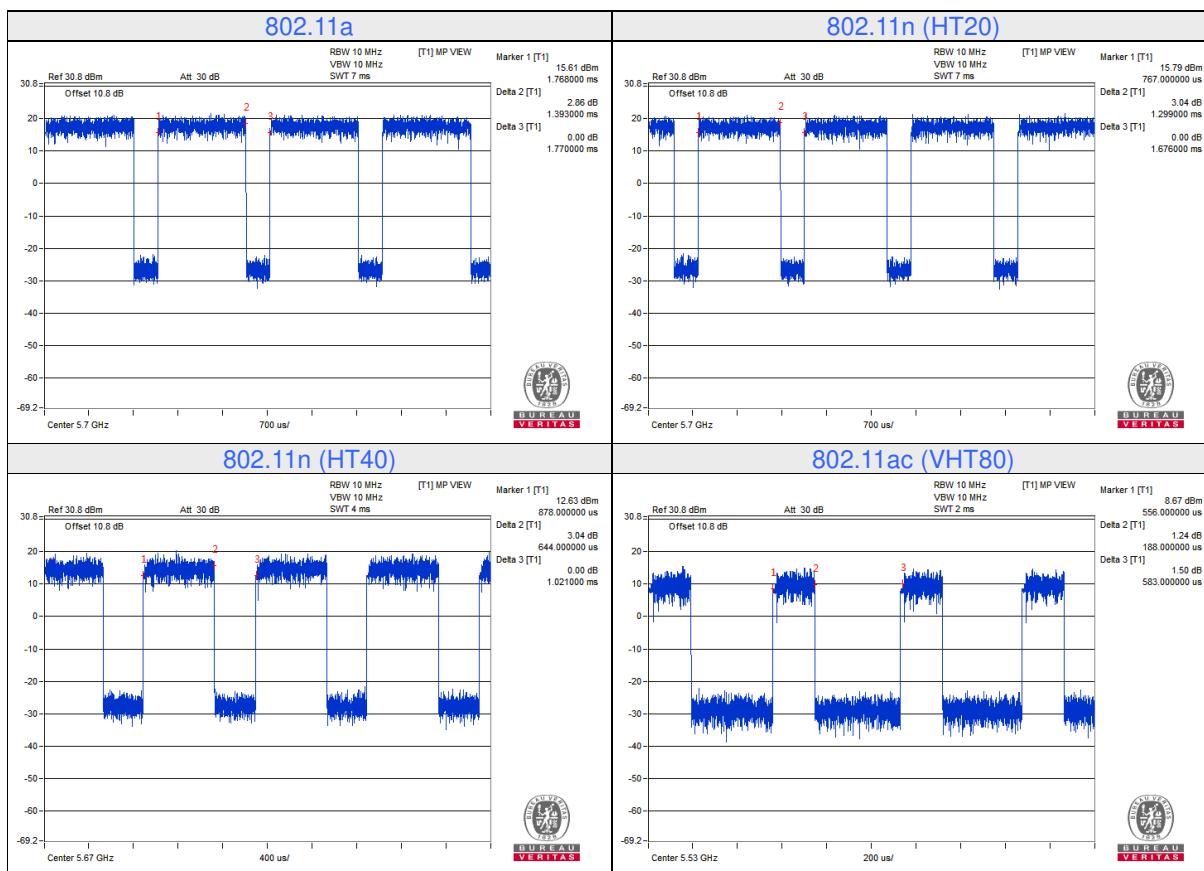
EUT CONFIGURE MODE	MODE	FREQ. BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	5150-5250	36 to 48	36, 40, 48	OFDM	BPSK	6.0
	802.11n(HT20)		36 to 48	36, 40, 48	OFDM	BPSK	MCS0
	802.11n(HT40)		38 to 46	38, 46	OFDM	BPSK	MCS0
	802.11n(VHT80)		42	42	OFDM	BPSK	MCS0
	802.11ax (HE20)		36 to 48	36, 40, 48	OFDMA	BPSK	MCS0
	802.11ax (HE40)		38 to 46	38, 46	OFDMA	BPSK	MCS0
	802.11ax (HE80)		42	42	OFDMA	BPSK	MCS0
	802.11a	5250-5350	52 to 64	52, 60, 64	OFDM	BPSK	6.0
	802.11n(HT20)		52 to 64	52, 60, 64	OFDM	BPSK	MCS0
	802.11n(HT40)		54 to 62	54, 62	OFDM	BPSK	MCS0
	802.11n(VHT80)		58	58	OFDM	BPSK	MCS0
	802.11ax (HE20)		52 to 64	52, 60, 64	OFDMA	BPSK	MCS0
	802.11ax (HE40)		54 to 62	54, 62	OFDMA	BPSK	MCS0
	802.11ax (HE80)		58	58	OFDMA	BPSK	MCS0
	802.11a	5470-5725	100 to 140	100, 116, 140	OFDM	BPSK	6.0
	802.11n(HT20)		100 to 140	100, 116, 140	OFDM	BPSK	MCS0
	802.11n(HT40)		102 to 134	102, 110, 134	OFDM	BPSK	MCS0
	802.11n(VHT80)		106, 122	106, 122	OFDM	BPSK	MCS0
	802.11ax (HE20)		100 to 140	100, 116, 140	OFDMA	BPSK	MCS0
	802.11ax (HE40)		102 to 134	102, 110, 134	OFDMA	BPSK	MCS0
	802.11ax (HE80)		106, 122	106, 122	OFDMA	BPSK	MCS0
	802.11a	5725-5850	149 to 165	149, 157, 165	OFDM	BPSK	6.0
	802.11n(HT20)		149 to 165	149, 157, 165	OFDM	BPSK	MCS0
	802.11n(HT40)		151 to 159	151, 159	OFDM	BPSK	MCS0
	802.11n(VHT80)		155	155	OFDM	BPSK	MCS0
	802.11ax (HE20)		149 to 165	149, 157, 165	OFDMA	BPSK	MCS0
	802.11ax (HE40)		151 to 159	151, 159	OFDMA	BPSK	MCS0
	802.11ax (HE80)		155	155	OFDMA	BPSK	MCS0

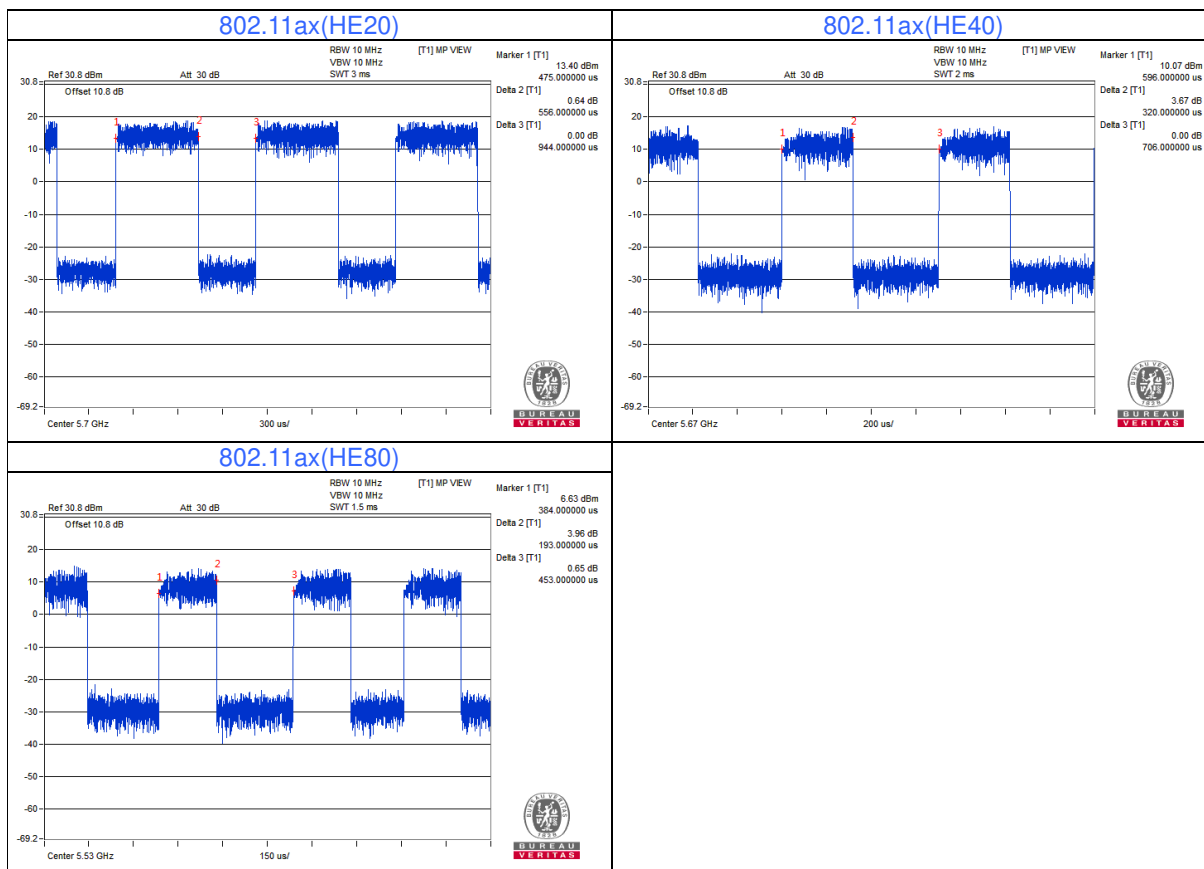
TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
RE<1G	24deg. C, 55%RH	DC 3.3V From UART	Jelly
RE≥1G	24deg. C, 55%RH	DC 3.3V From UART	Jelly
PLC	20deg. C, 56%RH	DC 3.3V From UART	Ming Bai
APCM	20deg. C, 55%RH	DC 3.3V From UART	Vincent

2.3 DUTY CYCLE OF TEST SIGNAL

Test Mode	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty factor (dB)	1/T Min. VBW (KHz)	VBW Setting
802.11a	1.393	1.770	78.70	1.04	0.718	1KHz
802.11n (HT20)	1.299	1.676	77.51	1.11	0.770	1KHz
802.11n (HT40)	0.644	1.021	63.08	2.00	1.553	2KHz
802.11ac (VHT80)	0.188	0.583	32.25	4.92	5.319	10KHz
802.11ax (HE20)	0.556	0.944	58.90	2.30	1.799	2KHz
802.11ax (HE40)	0.32	0.706	45.33	3.44	3.125	5KHz
802.11ax (HE80)	0.193	0.453	42.60	3.71	5.181	10KHz







2.4 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)

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10-2013

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

2.5 DESCRIPTION OF SUPPORT UNITS

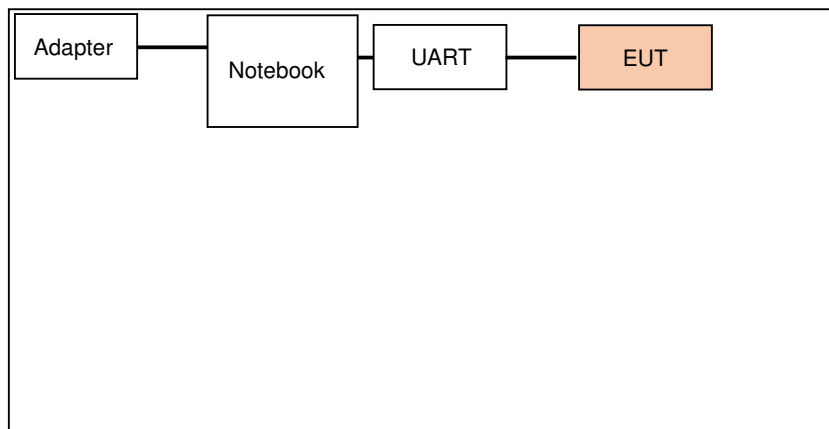
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Notebook	HP	4431s	CNU238944Z	N/A
2	Notebook	ALIENWARE	ALIENWARE 13 R2	2015AP3711	N/A

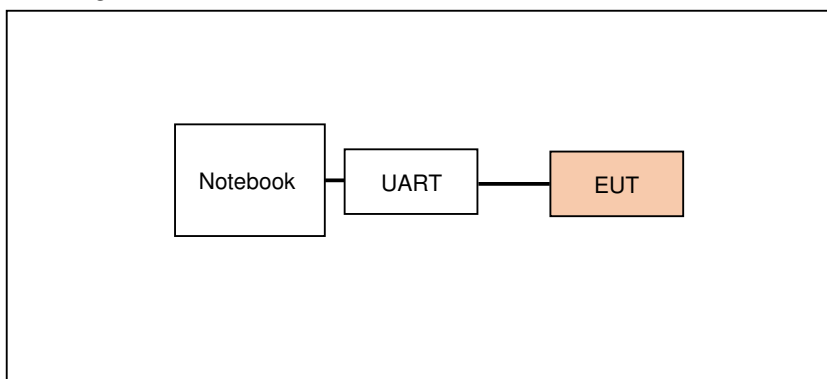
NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1, 2	AC Line: Unshielded, Detachable 0.8m, DC Line: Unshielded, Detachable 1.8m

2.6 CONFIGURATION OF SYSTEM UNDER TEST

Test Configuration: Power Line Conducted Emission



Test Configuration: Radiated Emission



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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 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 v01r03	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:

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

3.1.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Jan. 02, 25
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV7	102331	Apr. 07, 25
Active Loop Antenna (9KHz -30MHz)	SCHWARZBECK	FMZB 1519B	1519B-045	Apr. 13, 25
Amplifier (9KHz -1GHz)	Burgeon	BPA-530	100210	Feb. 21, 25
Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-554	Dec. 25, 25
Horn Antenna (1GHz -18GHz)	ETS -Lindgren	3117	00085519	Oct. 12, 24
Horn Antenna (18GHz -40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170242	Oct. 12, 24
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	May. 20, 25
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A
Broadband Preamplifier (1GHz~18GHz)	SCHWARZBECK	BBV9718	305	Apr. 24, 25
Pre-Amplifier (18GHz-40GHz)	EMCI	EMC 184045	980102	Jan. 02, 25
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	N/A

NOTES:

1. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle and all tests are conducted within a valid calibration cycle.
2. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
3. The FCC Site registration No. is 749762, and the designation number is CN1174.

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. For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1.3m above the ground.
- g. 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:

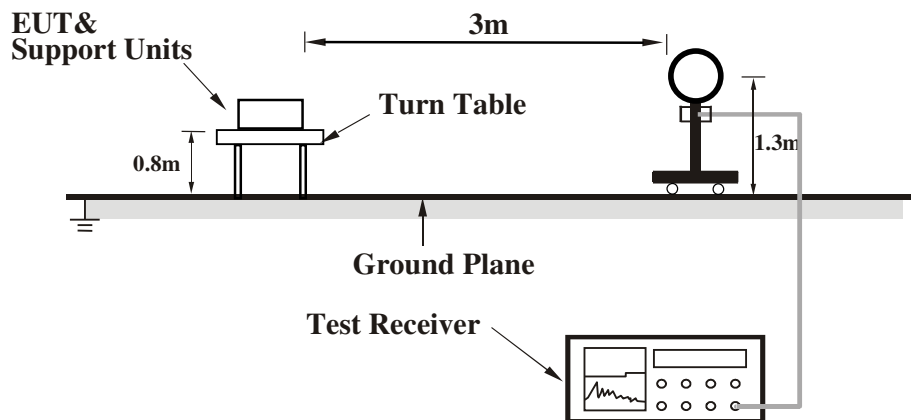
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution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

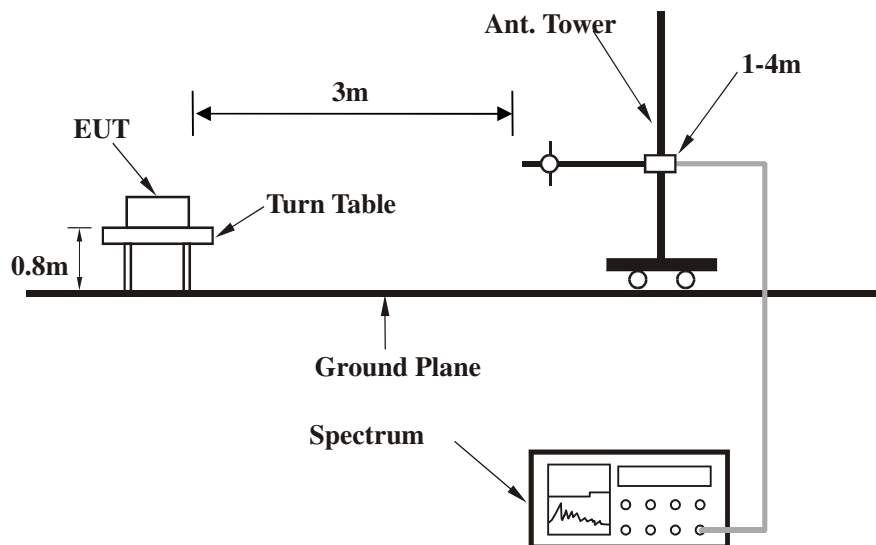
No deviation.

3.1.6 TEST SETUP

Below 30MHz test setup

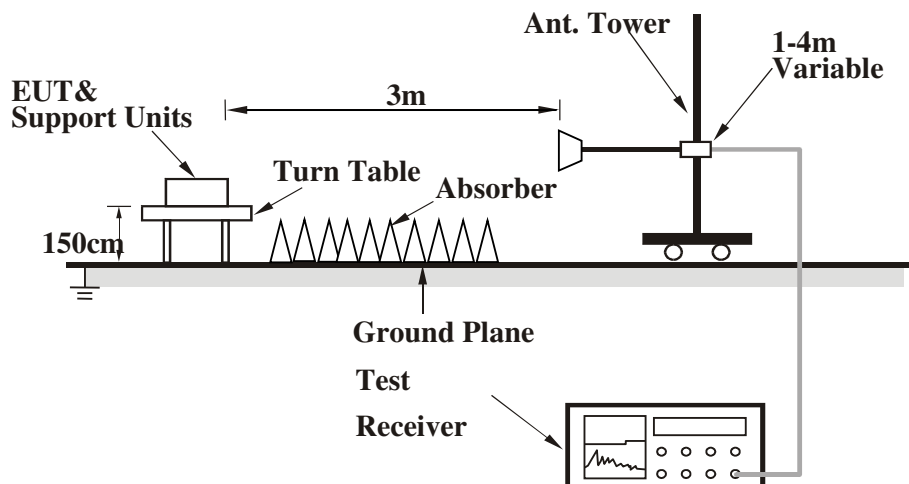


Below 1GHz test setup



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

- Set the EUT under full load condition and placed them on a testing table.
- Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.
- The necessary accessories enable the EUT in full functions.

3.1.8 FTEST RESULTS

BELOW 1GHz WORST-CASE DATA

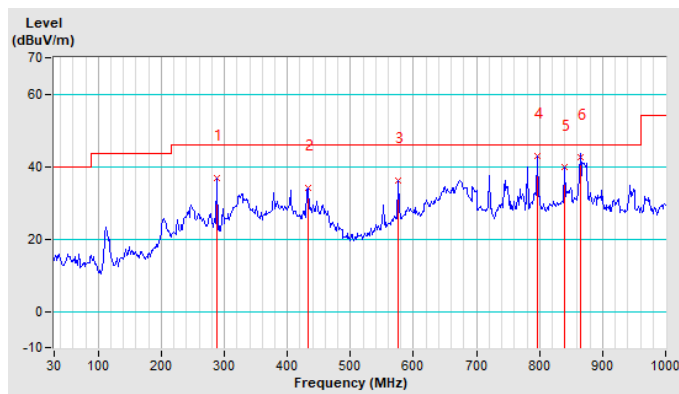
802.11a

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	288.04	36.73 QP	46.00	-9.27	1.00 H	60	52.58	-15.85
2	432.61	34.02 QP	46.00	-11.98	1.00 H	184	45.67	-11.65
3	575.62	36.16 QP	46.00	-9.84	1.00 H	110	44.84	-8.68
4	796.36	41.88 QP	46.00	-4.12	1.00 H	130	46.34	-4.46
5	839.89	39.71 QP	46.00	-6.29	1.00 H	165	43.85	-4.14
6	864.76	41.59 QP	46.00	-4.41	1.00 H	148	45.25	-3.66

REMARKS:

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

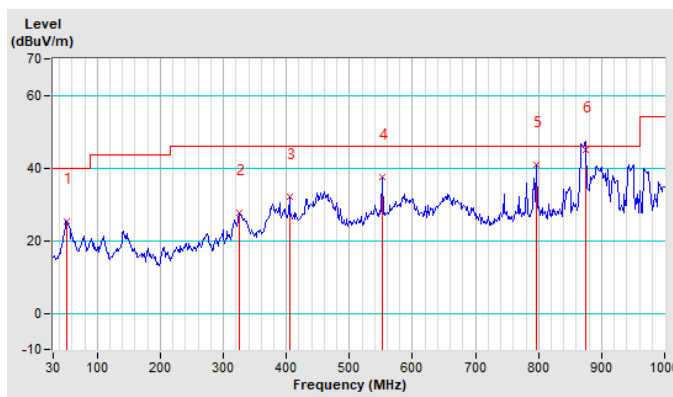


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

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	51.76	25.29 QP	40.00	-14.71	2.97 V	210	42.95	-17.66
2	325.35	27.67 QP	46.00	-18.33	2.76 V	189	42.46	-14.79
3	404.63	32.04 QP	46.00	-13.96	2.56 V	169	44.72	-12.68
4	552.31	37.52 QP	46.00	-8.48	2.29 V	143	46.78	-9.26
5	796.36	40.82 QP	46.00	-5.18	2.14 V	128	45.28	-4.46
6	874.49	42.00 QP	46.00	-4.00	2.54 V	316	45.40	-3.40

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)

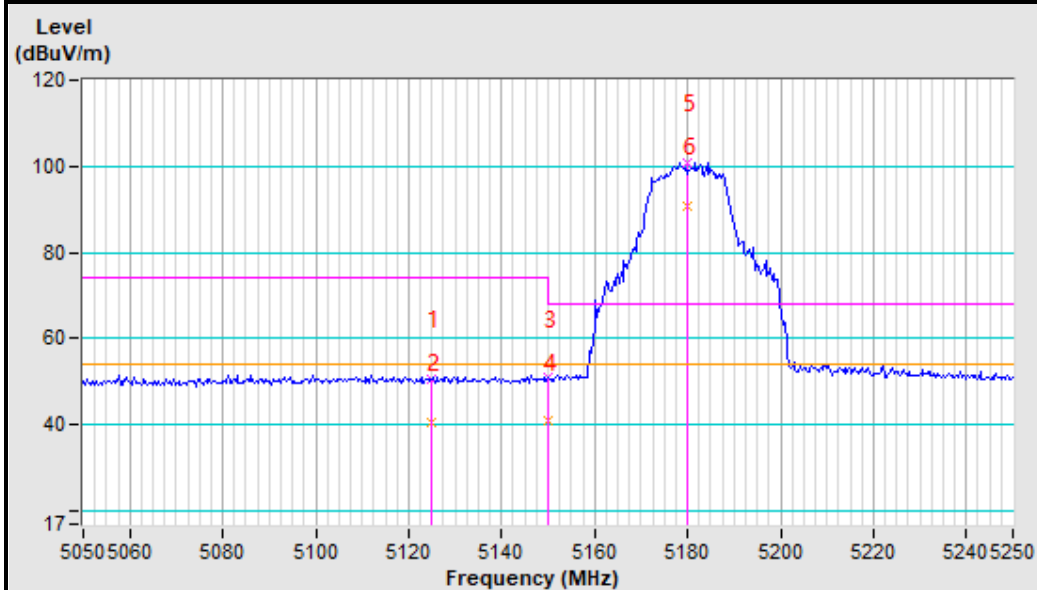
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5125.00	50.78 PK	74.00	-23.22	1.21 H	155	43.32	7.46
2	5125.00	40.66 AV	54.00	-13.34	1.21 H	155	33.20	7.46
3	5150.00	50.95 PK	74.00	-23.05	1.11 H	47	43.51	7.45
4	5150.00	40.86 AV	54.00	-13.14	1.11 H	47	33.41	7.45
5	*5180.00	100.91 PK			4.00 H	154	93.47	7.44
6	*5180.00	90.89 AV			4.00 H	154	83.45	7.44
7	#10360.00	56.35 PK	68.20	-11.85	1.55 H	158	40.33	16.02
8	15540.00	64.61 PK	74.00	-9.39	1.54 H	78	41.79	22.82
9	15540.00	47.62 AV	54.00	-6.38	1.54 H	78	24.80	22.82
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	5125.00	50.69 PK	74.00	-23.31	1.21 V	151	43.23	7.46
2	5125.00	40.56 AV	54.00	-13.44	1.21 V	151	33.10	7.46
3	5150.00	50.23 PK	74.00	-23.77	1.23 V	360	42.78	7.45
4	5150.00	40.65 AV	54.00	-13.35	1.23 V	360	33.20	7.45
5	*5180.00	92.40 PK			1.54 V	48	84.96	7.44
6	*5180.00	82.32 AV			1.54 V	48	74.88	7.44
7	#10360.00	56.25 PK	68.20	-11.95	1.54 V	48	40.23	16.02
8	15540.00	62.66 PK	74.00	-11.34	4.00 V	45	39.84	22.82
9	15540.00	46.62 AV	54.00	-7.38	4.00 V	45	23.80	22.82

REMARKS:

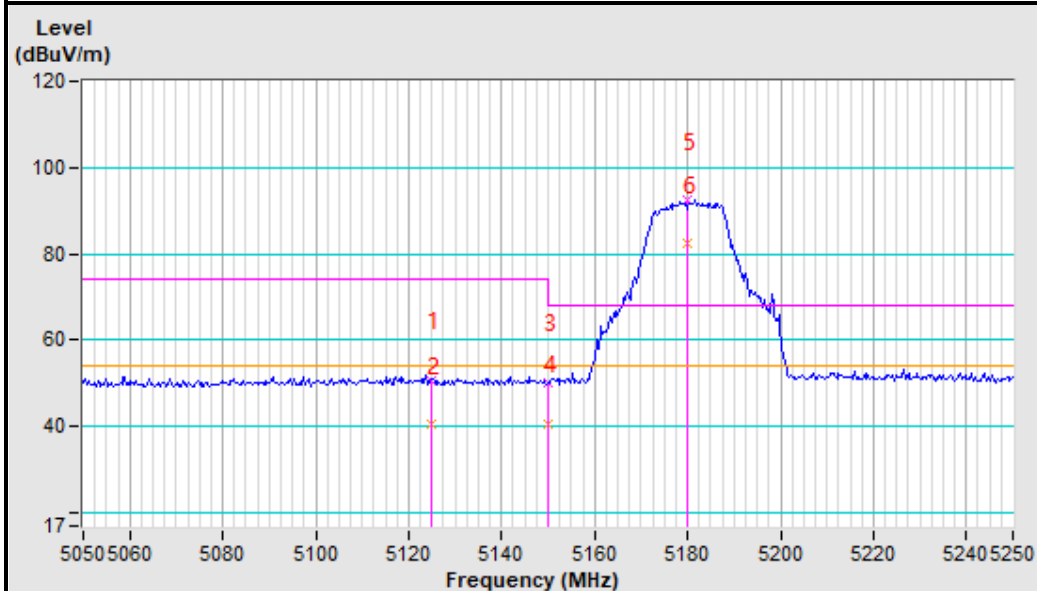
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	50.67 PK	74.00	-23.33	4.00 H	360	43.22	7.45
2	5145.00	40.71 AV	54.00	-13.29	4.00 H	360	33.26	7.45
3	5150.00	50.46 PK	74.00	-23.54	2.11 H	44	43.02	7.45
4	5150.00	40.49 AV	54.00	-13.51	2.11 H	44	33.05	7.45
5	*5200.00	102.09 PK			1.54 H	48	94.66	7.43
6	*5200.00	92.45 AV			1.54 H	48	85.02	7.43
7	#10400.00	60.55 PK	68.20	-7.65	1.23 H	154	44.32	16.23
8	15600.00	61.82 PK	74.00	-12.18	1.21 H	48	38.89	22.93
9	15600.00	47.62 AV	54.00	-6.38	1.21 H	48	24.69	22.93
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	50.25 PK	74.00	-23.75	1.45 V	74	42.80	7.45
2	5145.00	40.60 AV	54.00	-13.40	1.45 V	74	33.15	7.45
3	5150.00	50.77 PK	74.00	-23.23	4.00 V	87	43.33	7.45
4	5150.00	40.68 AV	54.00	-13.32	4.00 V	87	33.23	7.45
5	*5200.00	93.03 PK			1.54 V	78	85.60	7.43
6	*5200.00	83.13 AV			1.54 V	78	75.70	7.43
7	#10400.00	59.61 PK	68.20	-8.59	1.54 V	77	43.38	16.23
8	15600.00	60.21 PK	74.00	-13.79	2.58 V	144	37.28	22.93
9	15600.00	46.52 AV	54.00	-7.48	2.58 V	144	23.59	22.93

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
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	50.03 PK	74.00	-23.97	1.24 H	48	42.58	7.45
2	5140.00	40.58 AV	54.00	-13.42	1.24 H	48	33.13	7.45
3	5150.00	50.72 PK	74.00	-23.28	2.58 H	360	43.27	7.45
4	5150.00	40.78 AV	54.00	-13.22	2.58 H	360	33.34	7.45
5	*5240.00	103.34 PK			1.54 H	48	95.92	7.42
6	*5240.00	93.25 AV			1.54 H	48	85.83	7.42
7	5350.00	52.05 PK	74.00	-21.95	1.23 H	55	44.67	7.37
8	5350.00	41.62 AV	54.00	-12.38	1.23 H	55	34.24	7.37
9	5400.00	50.22 PK	74.00	-23.78	1.47 H	45	42.86	7.36
10	5400.00	40.83 AV	54.00	-13.17	1.47 H	45	33.47	7.36
11	#10480.00	55.21 PK	68.20	-12.99	4.00 H	8	38.57	16.64
12	15720.00	62.32 PK	74.00	-11.68	2.36 H	8	39.16	23.16
13	15720.00	47.24 AV	54.00	-6.76	2.36 H	8	24.08	23.16
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	5140.00	50.38 PK	74.00	-23.62	1.52 V	48	42.93	7.45
2	5140.00	40.60 AV	54.00	-13.40	1.52 V	48	33.15	7.45
3	5150.00	50.26 PK	74.00	-23.74	1.54 V	78	42.81	7.45
4	5150.00	40.69 AV	54.00	-13.31	1.54 V	78	33.24	7.45
5	*5240.00	96.04 PK			1.54 V	78	88.62	7.42
6	*5240.00	85.74 AV			1.54 V	78	78.32	7.42
7	5350.00	51.75 PK	74.00	-22.25	1.11 V	360	44.37	7.37
8	5350.00	41.51 AV	54.00	-12.49	1.11 V	360	34.13	7.37
9	5400.00	50.51 PK	74.00	-23.49	1.21 V	4	43.15	7.36
10	5400.00	40.65 AV	54.00	-13.35	1.21 V	4	33.29	7.36
11	#10480.00	56.07 PK	68.20	-12.13	1.21 V	44	39.43	16.64
12	15720.00	63.61 PK	74.00	-10.39	1.54 V	7	40.45	23.16
13	15720.00	46.21 AV	54.00	-7.79	1.54 V	7	23.05	23.16

REMARKS:

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 less than 20dB margin against the limit.
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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

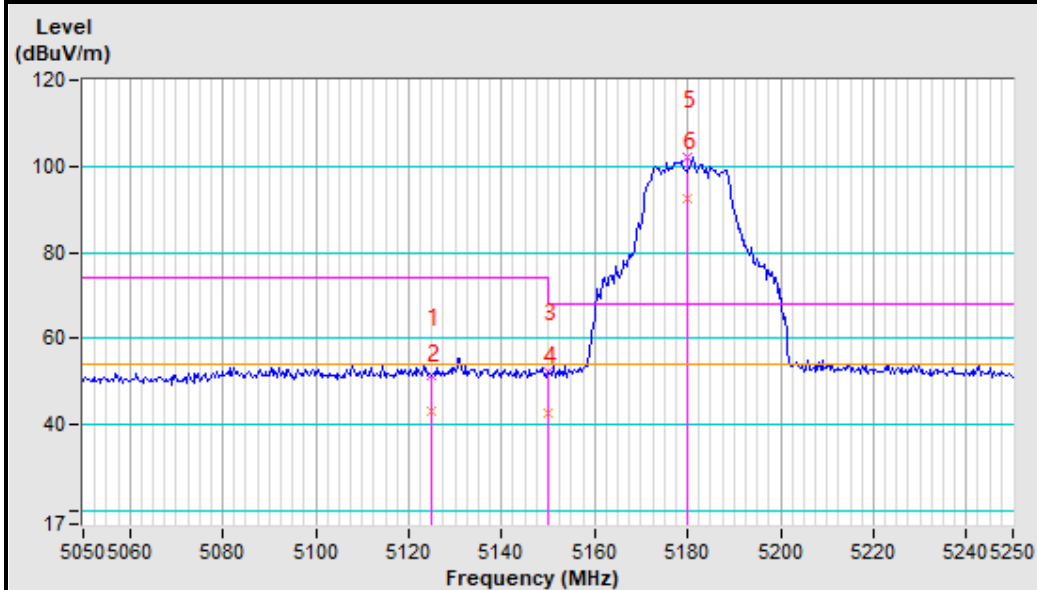
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5125.00	51.49 PK	74.00	-22.51	2.58 H	360	44.03	7.46
2	5125.00	43.05 AV	54.00	-10.95	2.58 H	360	35.59	7.46
3	5150.00	52.42 PK	74.00	-21.58	4.00 H	87	44.98	7.45
4	5150.00	42.56 AV	54.00	-11.44	4.00 H	87	35.12	7.45
5	*5180.00	101.96 PK			1.54 H	78	94.52	7.44
6	*5180.00	92.43 AV			1.54 H	78	84.99	7.44
7	#10360.00	57.16 PK	68.20	-11.04	1.54 H	8	41.14	16.02
8	15540.00	63.95 PK	74.00	-10.05	1.21 H	48	41.13	22.82
9	15540.00	47.35 AV	54.00	-6.65	1.21 H	48	24.53	22.82
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	5125.00	50.26 PK	74.00	-23.74	1.47 V	360	42.80	7.46
2	5125.00	41.15 AV	54.00	-12.85	1.47 V	360	33.69	7.46
3	5150.00	49.98 PK	74.00	-24.02	2.55 V	55	42.53	7.45
4	5150.00	41.05 AV	54.00	-12.95	2.55 V	55	33.60	7.45
5	*5180.00	96.99 PK			2.55 V	48	89.55	7.44
6	*5180.00	85.49 AV			2.55 V	48	78.05	7.44
7	#10360.00	56.15 PK	68.20	-12.05	2.45 V	88	40.13	16.02
8	15540.00	62.25 PK	74.00	-11.75	4.00 V	32	39.43	22.82
9	15540.00	46.22 AV	54.00	-7.78	4.00 V	32	23.40	22.82

REMARKS:

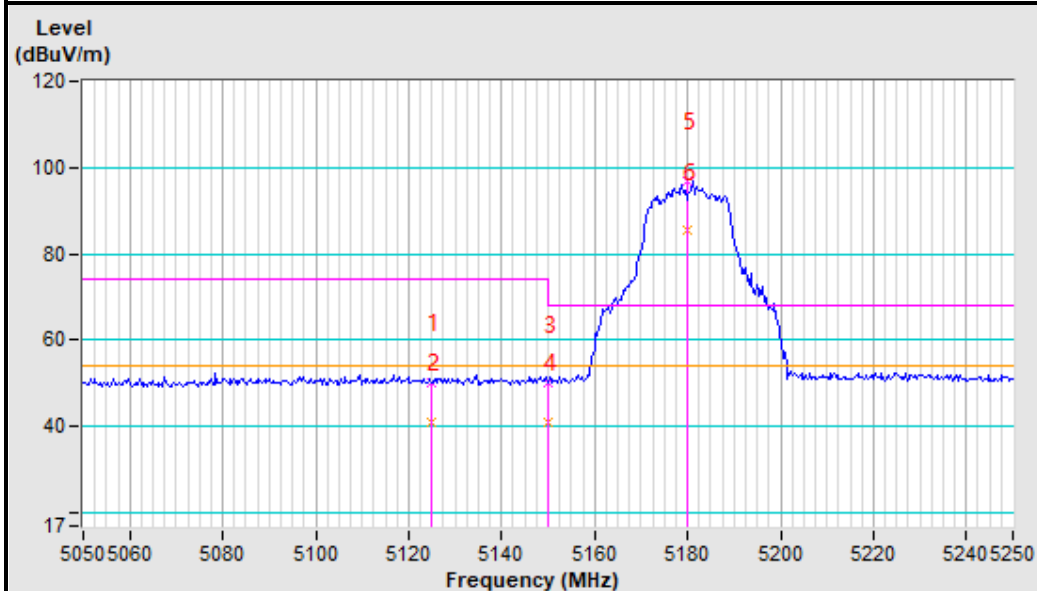
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental 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	51.55 PK	74.00	-22.45	4.00 H	48	44.10	7.45
2	5145.00	44.56 AV	54.00	-9.44	4.00 H	48	37.11	7.45
3	5150.00	53.26 PK	74.00	-20.74	1.55 H	12	45.81	7.45
4	5150.00	41.44 AV	54.00	-12.56	1.55 H	12	33.99	7.45
5	*5200.00	102.65 PK			1.21 H	48	95.22	7.43
6	*5200.00	93.55 AV			1.21 H	48	86.12	7.43
7	#10400.00	57.59 PK	68.20	-10.61	1.54 H	48	41.36	16.23
8	15540.00	63.58 PK	74.00	-10.42	1.54 H	44	40.76	22.82
9	15540.00	47.11 AV	54.00	-6.89	1.54 H	44	24.29	22.82
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	50.62 PK	74.00	-23.38	2.45 V	44	43.17	7.45
2	5145.00	40.08 AV	54.00	-13.92	2.45 V	44	32.63	7.45
3	5150.00	50.32 PK	74.00	-23.68	2.44 V	48	42.87	7.45
4	5150.00	40.83 AV	54.00	-13.17	2.44 V	48	33.38	7.45
5	*5200.00	96.16 PK			2.58 V	48	88.73	7.43
6	*5200.00	86.54 AV			2.58 V	48	79.11	7.43
7	#10400.00	56.55 PK	68.20	-11.65	1.54 V	44	40.32	16.23
8	15600.00	62.47 PK	74.00	-11.53	2.25 V	55	39.54	22.93
9	15600.00	46.98 AV	54.00	-7.02	2.25 V	55	24.05	22.93

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
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	50.84 PK	74.00	-23.16	1.00 H	48	43.39	7.45
2	5140.00	50.87 PK	74.00	-23.13	4.00 H	46	43.42	7.45
3	5140.00	40.24 AV	54.00	-13.76	1.00 H	48	32.79	7.45
4	5140.00	40.32 AV	54.00	-13.68	4.00 H	46	32.87	7.45
5	5150.00	50.44 PK	74.00	-23.56	4.00 H	8	42.99	7.45
6	5150.00	50.46 PK	74.00	-23.54	1.00 H	48	43.02	7.45
7	5150.00	40.66 AV	54.00	-13.34	1.00 H	48	33.21	7.45
8	*5240.00	103.87 PK			1.54 H	88	96.45	7.42
9	*5240.00	94.26 AV			1.54 H	88	86.84	7.42
10	5350.00	52.88 PK	74.00	-21.12	1.54 H	84	45.51	7.37
11	5350.00	42.35 AV	54.00	-11.65	1.54 H	84	34.98	7.37
12	5400.00	51.60 PK	74.00	-22.40	4.00 H	84	44.24	7.36
13	5400.00	42.65 AV	54.00	-11.35	4.00 H	84	35.29	7.36
14	#10480.00	56.51 PK	68.20	-11.69	1.24 H	88	39.87	16.64
15	15720.00	63.35 PK	74.00	-10.65	2.55 H	88	40.19	23.16
16	15720.00	47.55 AV	54.00	-6.45	2.55 H	88	24.39	23.16
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	5140.00	50.08 PK	74.00	-23.92	3.11 V	15	42.63	7.45
2	5140.00	40.66 AV	54.00	-13.34	3.11 V	15	33.21	7.45
3	5150.00	50.45 PK	74.00	-23.55	2.65 V	45	43.01	7.45
4	5150.00	40.77 AV	54.00	-13.23	2.65 V	45	33.33	7.45
5	*5240.00	97.61 PK			1.54 V	48	90.19	7.42
6	*5240.00	88.54 AV			1.54 V	48	81.12	7.42
7	5350.00	51.98 PK	74.00	-22.02	1.14 V	45	44.60	7.37
8	5350.00	42.32 AV	54.00	-11.68	1.14 V	45	34.95	7.37
9	5400.00	50.88 PK	74.00	-23.12	2.44 V	55	43.52	7.36
10	5400.00	40.70 AV	54.00	-13.30	2.44 V	55	33.34	7.36
11	#10480.00	58.21 PK	68.20	-9.99	1.54 V	48	41.57	16.64
12	15720.00	64.19 PK	74.00	-9.81	1.47 V	88	41.03	23.16
13	15720.00	46.55 AV	54.00	-7.45	1.47 V	88	23.39	23.16

REMARKS:

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 less than 20dB margin against the limit.



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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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

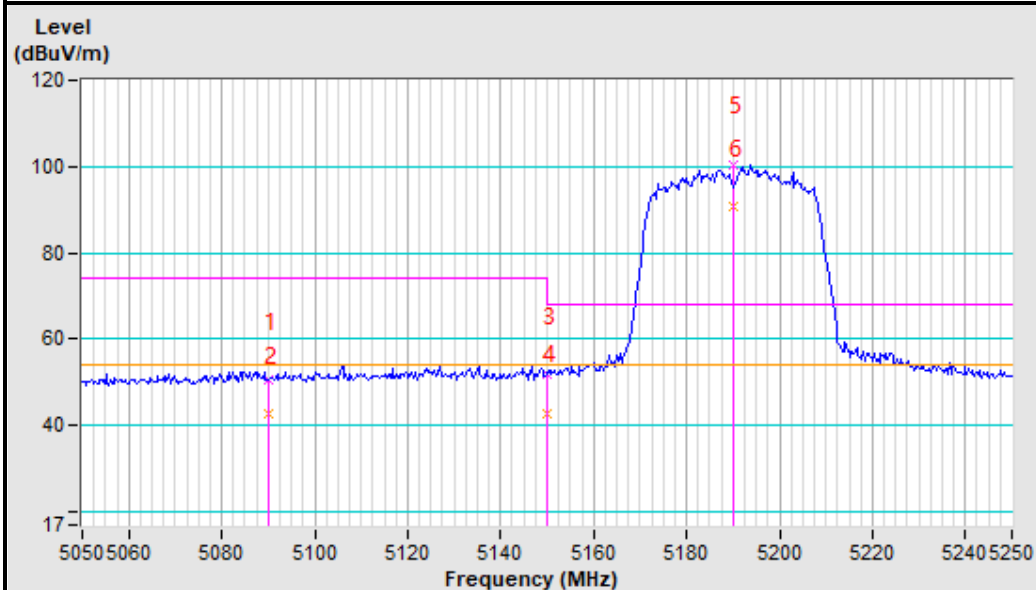
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5090.00	50.47 PK	74.00	-23.53	1.54 H	48	43.01	7.46
2	5090.00	42.65 AV	54.00	-11.35	1.54 H	48	35.19	7.46
3	5150.00	51.80 PK	74.00	-22.20	1.54 H	45	44.35	7.45
4	5150.00	42.94 AV	54.00	-11.06	1.54 H	45	35.49	7.45
5	*5190.00	100.50 PK			2.48 H	48	93.07	7.43
6	*5190.00	90.73 AV			2.48 H	48	83.30	7.43
7	#10380.00	59.25 PK	68.20	-8.95	1.24 H	48	43.12	16.13
8	15570.00	64.70 PK	74.00	-9.30	1.54 H	47	41.83	22.87
9	15570.00	46.25 AV	54.00	-7.75	1.54 H	47	23.38	22.87
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	5090.00	51.26 PK	74.00	-22.74	1.54 V	74	43.80	7.46
2	5090.00	40.83 AV	54.00	-13.17	1.54 V	74	33.37	7.46
3	5150.00	50.92 PK	74.00	-23.08	4.00 V	74	43.48	7.45
4	5150.00	41.18 AV	54.00	-12.82	4.00 V	74	33.73	7.45
5	*5190.00	93.74 PK			1.54 V	48	86.31	7.43
6	*5190.00	83.94 AV			1.54 V	48	76.51	7.43
7	#10380.00	57.16 PK	68.20	-11.04	1.15 V	15	41.03	16.13
8	15570.00	62.95 PK	74.00	-11.05	2.45 V	88	40.08	22.87
9	15570.00	45.32 AV	54.00	-8.68	2.45 V	88	22.45	22.87

REMARKS:

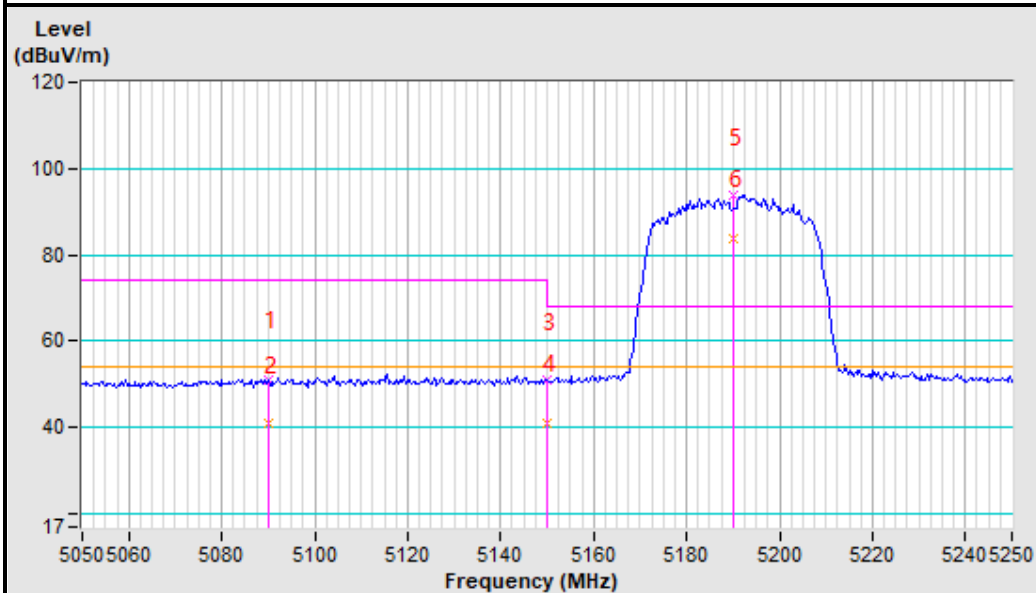
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	5000.00	49.65 PK	74.00	-24.35	4.00 H	164	42.15	7.50
2	5000.00	40.40 AV	54.00	-13.60	4.00 H	164	32.90	7.50
3	5150.00	50.64 PK	74.00	-23.36	1.11 H	25	43.20	7.45
4	5150.00	41.47 AV	54.00	-12.53	1.11 H	25	34.02	7.45
5	*5230.00	101.32 PK			1.54 H	48	93.90	7.42
6	*5230.00	91.76 AV			1.54 H	48	84.34	7.42
7	#10460.00	57.25 PK	68.20	-10.95	2.45 H	48	40.71	16.54
8	15690.00	64.06 PK	74.00	-9.94	1.14 H	48	40.96	23.10
9	15690.00	46.53 AV	54.00	-7.47	1.14 H	48	23.43	23.10
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	5000.00	48.72 PK	74.00	-25.28	1.54 V	74	41.22	7.50
2	5000.00	40.35 AV	54.00	-13.65	1.54 V	74	32.85	7.50
3	5150.00	50.04 PK	74.00	-23.96	1.54 V	360	42.59	7.45
4	5150.00	40.95 AV	54.00	-13.05	1.54 V	360	33.51	7.45
5	*5230.00	94.30 PK			4.00 V	48	86.88	7.42
6	*5230.00	85.44 AV			4.00 V	48	78.02	7.42
7	#10460.00	56.09 PK	68.20	-12.11	1.21 V	360	39.55	16.54
8	15690.00	62.95 PK	74.00	-11.05	2.45 V	48	39.85	23.10
9	15690.00	45.55 AV	54.00	-8.45	2.45 V	48	22.45	23.10

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ac (80MHz)

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

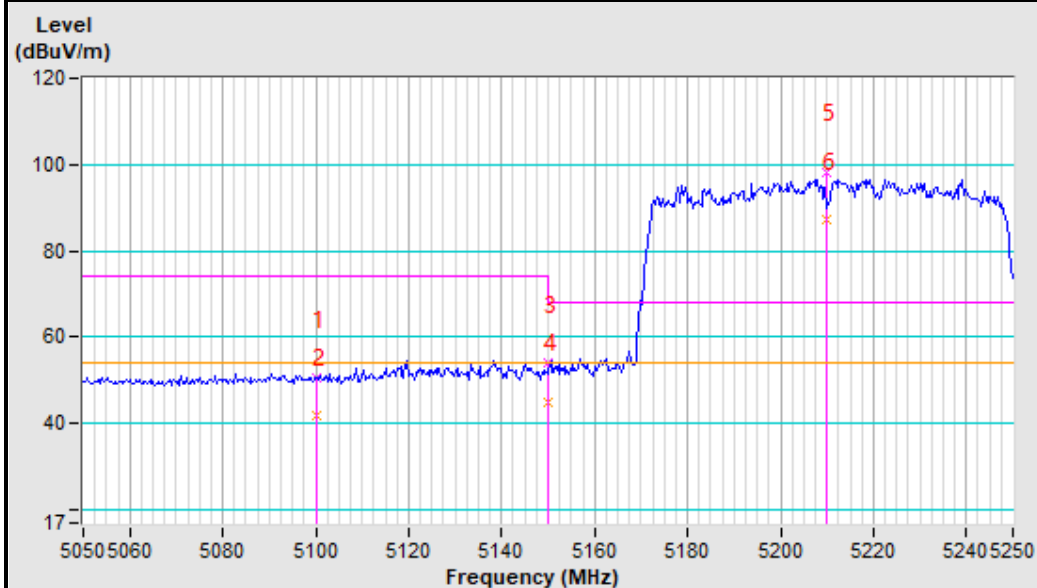
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5100.00	50.62 PK	74.00	-23.38	1.54 H	48	43.16	7.46
2	5100.00	41.75 AV	54.00	-12.25	1.54 H	48	34.29	7.46
3	5150.00	54.01 PK	74.00	-19.99	1.55 H	55	46.56	7.45
4	5150.00	45.12 AV	54.00	-8.88	1.55 H	55	37.67	7.45
5	*5210.00	98.22 PK			4.00 H	48	90.79	7.43
6	*5210.00	87.19 AV			4.00 H	48	79.76	7.43
7	#10420.00	57.58 PK	68.20	-10.62	1.54 H	48	41.25	16.33
8	15630.00	63.48 PK	74.00	-10.52	1.54 H	48	40.50	22.98
9	15630.00	46.88 AV	54.00	-7.12	1.54 H	48	23.90	22.98
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	5100.00	49.85 PK	74.00	-24.15	1.54 V	88	42.39	7.46
2	5100.00	41.03 AV	54.00	-12.97	1.54 V	88	33.57	7.46
3	5150.00	50.65 PK	74.00	-23.35	2.54 V	87	43.20	7.45
4	5150.00	41.50 AV	54.00	-12.50	2.54 V	87	34.05	7.45
5	*5210.00	90.96 PK			4.00 V	48	83.53	7.43
6	*5210.00	81.86 AV			4.00 V	48	74.43	7.43
7	#10420.00	57.25 PK	68.20	-10.95	1.54 V	48	40.92	16.33
8	15630.00	64.40 PK	74.00	-9.60	2.48 V	48	41.42	22.98
9	15630.00	45.25 AV	54.00	-8.75	2.48 V	48	22.27	22.98

REMARKS:

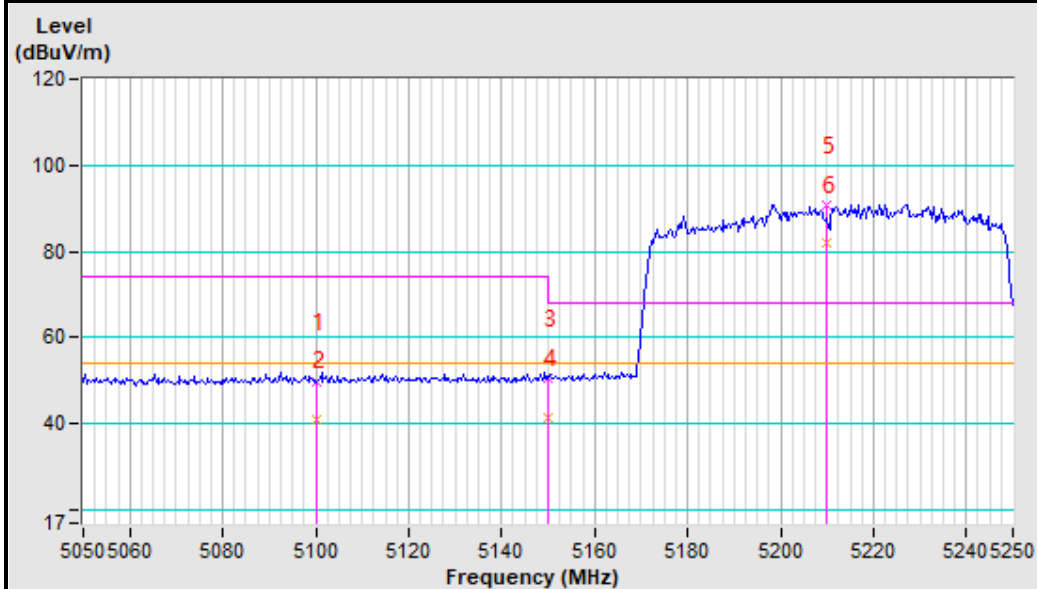
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5210MHz Horizontal



5210MHz Vertical



802.11ax (20MHz)

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

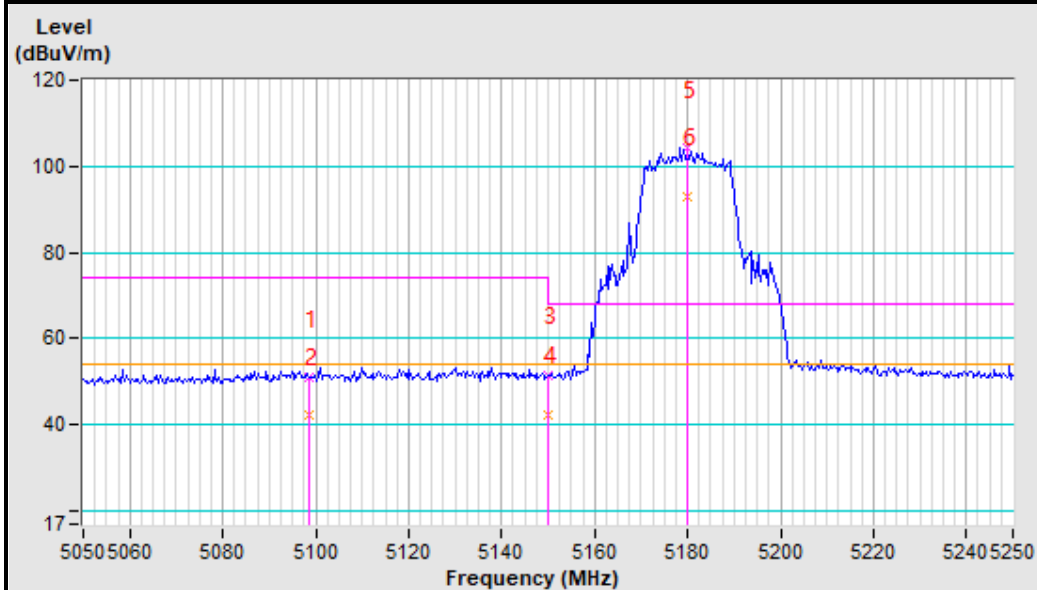
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5098.48	50.87 PK	74.00	-23.13	2.44 H	44	43.41	7.46
2	5098.48	42.31 AV	54.00	-11.69	2.44 H	44	34.85	7.46
3	5150.00	51.52 PK	74.00	-22.48	1.54 H	8	44.08	7.45
4	5150.00	42.41 AV	54.00	-11.59	1.54 H	8	34.96	7.45
5	*5180.00	104.14 PK			4.00 H	48	96.70	7.44
6	*5180.00	92.97 AV			4.00 H	48	85.53	7.44
7	#10360.00	56.88 PK	68.20	-11.32	2.45 H	84	40.86	16.02
8	15540.00	61.88 PK	74.00	-12.12	1.24 H	88	39.06	22.82
9	15540.00	47.82 AV	54.00	-6.18	1.24 H	88	25.00	22.82
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	5098.48	50.16 PK	74.00	-23.84	1.54 V	88	42.70	7.46
2	5098.48	40.86 AV	54.00	-13.14	1.54 V	88	33.40	7.46
3	5150.00	50.27 PK	74.00	-23.73	4.00 V	48	42.83	7.45
4	5150.00	41.04 AV	54.00	-12.96	4.00 V	48	33.59	7.45
5	*5180.00	97.76 PK			4.00 V	48	90.32	7.44
6	*5180.00	85.04 AV			4.00 V	48	77.60	7.44
7	#10360.00	54.30 PK	68.20	-13.90	4.00 V	48	38.28	16.02
8	15540.00	62.42 PK	74.00	-11.58	2.45 V	87	39.60	22.82
9	15540.00	45.30 AV	54.00	-8.70	2.45 V	87	22.48	22.82

REMARKS:

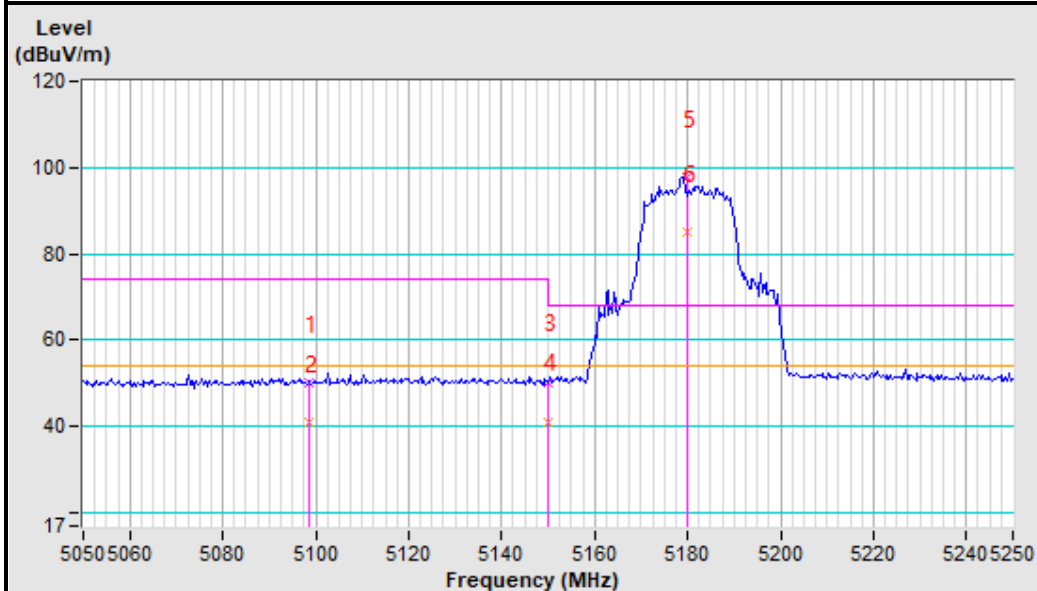
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	5148.76	51.25 PK	74.00	-22.75	4.00 H	44	43.80	7.45
2	5148.76	43.89 AV	54.00	-10.11	4.00 H	44	36.44	7.45
3	5150.00	52.66 PK	74.00	-21.34	4.00 H	48	45.21	7.45
4	5150.00	43.50 AV	54.00	-10.50	4.00 H	48	36.05	7.45
5	*5200.00	105.24 PK			1.54 H	48	97.81	7.43
6	*5200.00	93.88 AV			1.54 H	48	86.45	7.43
7	#10400.00	56.21 PK	68.20	-11.99	2.22 H	55	39.98	16.23
8	15600.00	61.96 PK	74.00	-12.04	1.55 H	78	39.03	22.93
9	15600.00	47.92 AV	54.00	-6.08	1.55 H	78	24.99	22.93
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	5148.76	50.35 PK	74.00	-23.65	4.00 V	360	42.90	7.45
2	5148.76	41.08 AV	54.00	-12.92	4.00 V	360	33.63	7.45
3	5150.00	51.36 PK	74.00	-22.64	2.45 V	88	43.91	7.45
4	5150.00	41.69 AV	54.00	-12.31	2.45 V	88	34.24	7.45
5	*5200.00	97.22 PK			2.44 V	87	89.79	7.43
6	*5200.00	85.60 AV			2.44 V	87	78.17	7.43
7	#10400.00	54.88 PK	68.20	-13.32	1.22 V	54	38.65	16.23
8	15600.00	60.80 PK	74.00	-13.20	4.00 V	88	37.87	22.93
9	15600.00	46.50 AV	54.00	-7.50	4.00 V	88	23.57	22.93

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
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	5135.29	50.59 PK	74.00	-23.41	1.54 H	48	43.14	7.45
2	5135.29	42.07 AV	54.00	-11.93	1.54 H	48	34.62	7.45
3	5150.00	50.36 PK	74.00	-23.64	4.00 H	360	42.91	7.45
4	5150.00	41.46 AV	54.00	-12.54	4.00 H	360	34.02	7.45
5	*5240.00	105.68 PK			1.54 H	48	98.26	7.42
6	*5240.00	94.70 AV			1.54 H	48	87.28	7.42
7	5350.00	52.21 PK	74.00	-21.79	2.15 H	88	44.84	7.37
8	5350.00	42.96 AV	54.00	-11.04	2.15 H	88	35.59	7.37
9	5361.82	52.06 PK	74.00	-21.94	1.47 H	77	44.69	7.37
10	5361.82	43.20 AV	54.00	-10.80	1.47 H	77	35.83	7.37
11	#10480.00	55.29 PK	68.20	-12.91	1.00 H	161	38.65	16.64
12	15720.00	62.56 PK	74.00	-11.44	1.54 H	48	39.40	23.16
13	15720.00	46.60 AV	54.00	-7.40	1.54 H	48	23.44	23.16
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	5135.29	49.51 PK	74.00	-24.49	4.00 V	48	42.06	7.45
2	5135.29	41.55 AV	54.00	-12.45	4.00 V	48	34.10	7.45
3	5150.00	49.56 PK	74.00	-24.44	1.54 V	74	42.12	7.45
4	5150.00	40.11 AV	54.00	-13.89	1.54 V	74	32.66	7.45
5	*5240.00	97.56 PK			1.54 V	88	90.14	7.42
6	*5240.00	84.25 AV			1.54 V	88	76.83	7.42
7	5350.00	51.15 PK	74.00	-22.85	4.00 V	48	43.77	7.37
8	5350.00	41.89 AV	54.00	-12.11	4.00 V	48	34.52	7.37
9	5361.82	51.17 PK	74.00	-22.83	1.84 V	48	43.80	7.37
10	5361.82	42.70 AV	54.00	-11.30	1.84 V	48	35.33	7.37
11	#10480.00	54.21 PK	68.20	-13.99	1.84 V	18	37.57	16.64
12	15720.00	60.51 PK	74.00	-13.49	1.00 V	48	37.35	23.16
13	15720.00	45.15 AV	54.00	-8.85	1.00 V	48	21.99	23.16

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (40MHz)

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

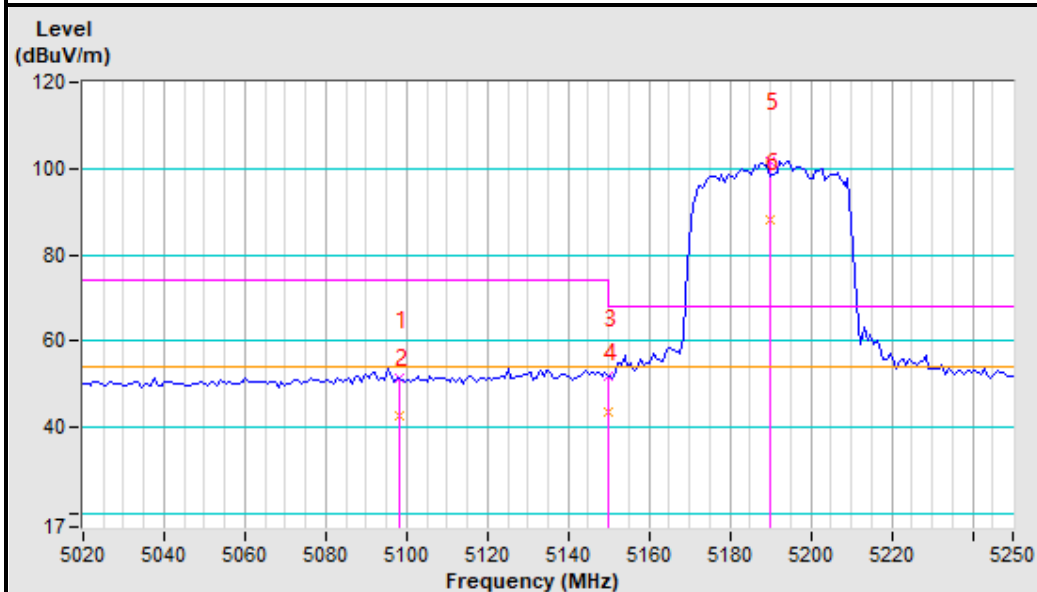
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5098.19	51.35 PK	74.00	-22.65	1.54 H	48	43.89	7.46
2	5098.19	42.71 AV	54.00	-11.29	1.54 H	48	35.25	7.46
3	5150.00	51.81 PK	74.00	-22.19	2.41 H	54	44.37	7.45
4	5150.00	43.68 AV	54.00	-10.32	2.41 H	54	36.23	7.45
5	*5190.00	101.84 PK			1.54 H	48	94.41	7.43
6	*5190.00	88.07 AV			1.54 H	48	80.64	7.43
7	#10380.00	57.74 PK	68.20	-10.46	2.45 H	48	41.61	16.13
8	15570.00	61.16 PK	74.00	-12.84	1.54 H	48	38.29	22.87
9	15570.00	46.55 AV	54.00	-7.45	1.54 H	48	23.68	22.87
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	5098.19	50.24 PK	74.00	-23.76	1.54 V	48	42.78	7.46
2	5098.19	41.33 AV	54.00	-12.67	1.54 V	48	33.87	7.46
3	5150.00	50.71 PK	74.00	-23.29	2.55 V	88	43.27	7.45
4	5150.00	41.20 AV	54.00	-12.80	2.55 V	88	33.76	7.45
5	*5190.00	95.33 PK			1.54 V	360	87.90	7.43
6	*5190.00	83.93 AV			1.54 V	360	76.50	7.43
7	#10380.00	56.52 PK	68.20	-11.68	4.00 V	48	40.39	16.13
8	15570.00	60.88 PK	74.00	-13.12	1.54 V	48	38.01	22.87
9	15570.00	45.66 AV	54.00	-8.34	1.54 V	48	22.79	22.87

REMARKS:

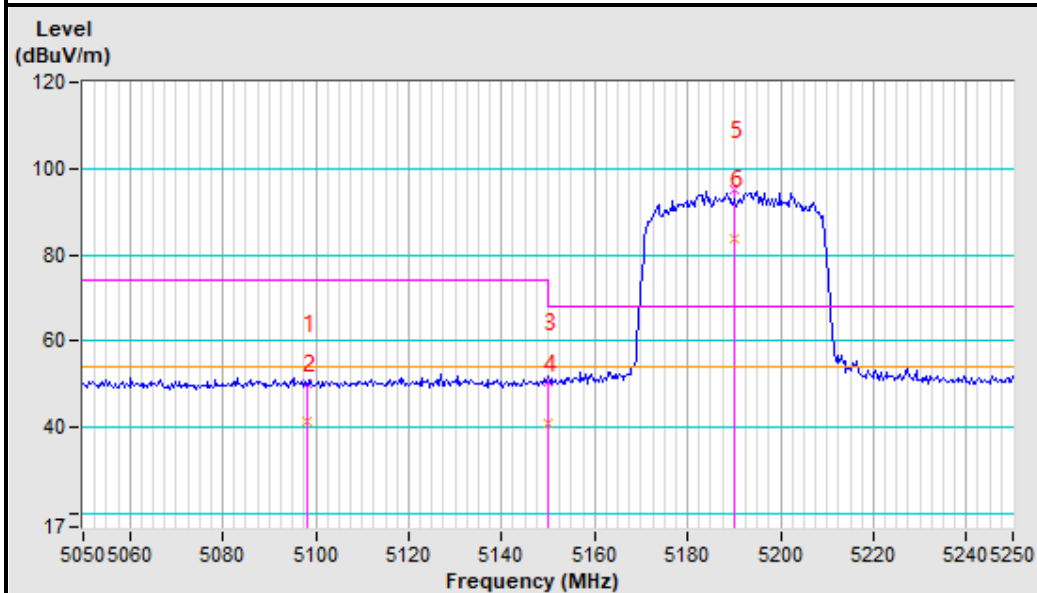
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	5146.95	51.62 PK	74.00	-22.38	2.48 H	48	44.17	7.45
2	5146.95	42.88 AV	54.00	-11.12	2.48 H	48	35.43	7.45
3	5150.00	51.80 PK	74.00	-22.20	1.64 H	89	44.35	7.45
4	5150.00	41.92 AV	54.00	-12.08	1.64 H	89	34.48	7.45
5	*5230.00	101.92 PK			1.54 H	48	94.50	7.42
6	*5230.00	92.87 AV			1.54 H	48	85.45	7.42
7	#10460.00	57.90 PK	68.20	-10.30	2.15 H	89	41.36	16.54
8	15690.00	61.23 PK	74.00	-12.77	3.58 H	48	38.13	23.10
9	15690.00	46.88 AV	54.00	-7.12	3.58 H	48	23.78	23.10
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	5146.95	50.66 PK	74.00	-23.34	2.45 V	48	43.21	7.45
2	5146.95	42.36 AV	54.00	-11.64	2.45 V	48	34.91	7.45
3	5150.00	50.02 PK	74.00	-23.98	4.00 V	8	42.58	7.45
4	5150.00	40.88 AV	54.00	-13.12	4.00 V	8	33.44	7.45
5	*5230.00	96.25 PK			1.54 V	48	88.83	7.42
6	*5230.00	84.88 AV			1.54 V	48	77.46	7.42
7	#10460.00	56.98 PK	68.20	-11.22	4.00 V	48	40.44	16.54
8	15690.00	60.25 PK	74.00	-13.75	1.54 V	74	37.15	23.10
9	15690.00	45.66 AV	54.00	-8.34	1.54 V	74	22.56	23.10

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

802.11ax (80MHz)

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

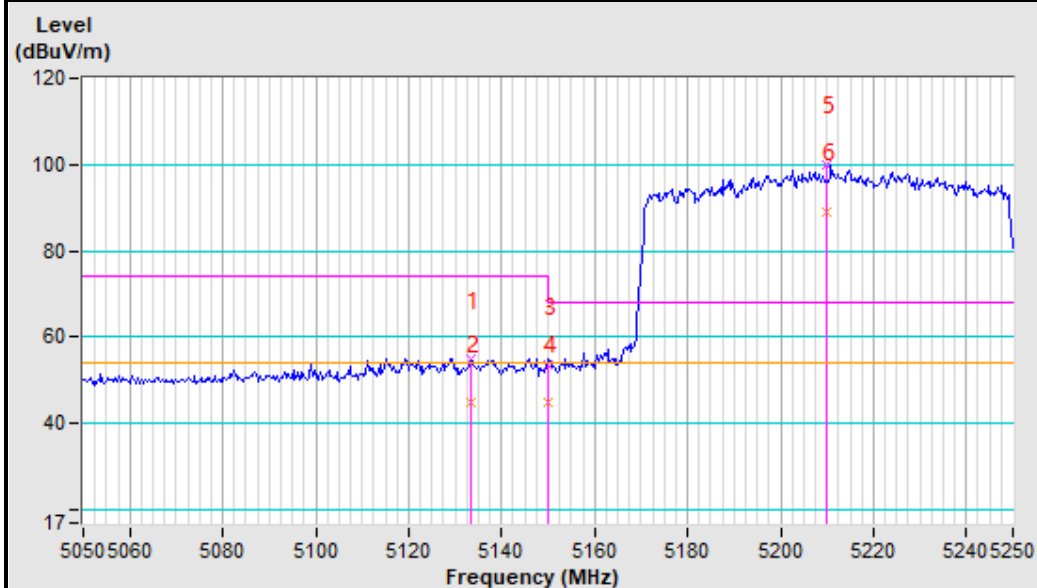
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5133.21	54.91 PK	74.00	-19.09	4.00 H	48	47.45	7.46
2	5133.21	44.81 AV	54.00	-9.19	4.00 H	48	37.35	7.46
3	5150.00	53.46 PK	74.00	-20.54	3.58 H	48	46.02	7.45
4	5150.00	44.95 AV	54.00	-9.05	3.58 H	48	37.51	7.45
5	*5210.00	99.95 PK			1.54 H	48	92.52	7.43
6	*5210.00	89.10 AV			1.54 H	48	81.67	7.43
7	#10420.00	57.82 PK	68.20	-10.38	1.64 H	48	41.49	16.33
8	15630.00	61.34 PK	74.00	-12.66	2.36 H	84	38.36	22.98
9	15630.00	44.92 AV	54.00	-9.08	2.36 H	84	21.94	22.98
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	5133.21	51.49 PK	74.00	-22.51	3.25 V	84	44.03	7.46
2	5133.21	41.69 AV	54.00	-12.31	3.25 V	84	34.23	7.46
3	5150.00	50.81 PK	74.00	-23.19	3.47 V	88	43.37	7.45
4	5150.00	41.96 AV	54.00	-12.04	3.47 V	88	34.52	7.45
5	*5210.00	92.42 PK			1.54 V	48	84.99	7.43
6	*5210.00	82.08 AV			1.54 V	48	74.65	7.43
7	#10420.00	56.99 PK	68.20	-11.21	2.48 V	66	40.66	16.33
8	15630.00	64.01 PK	74.00	-9.99	2.58 V	89	41.03	22.98
9	15630.00	45.82 AV	54.00	-8.18	2.58 V	89	22.84	22.98

REMARKS:

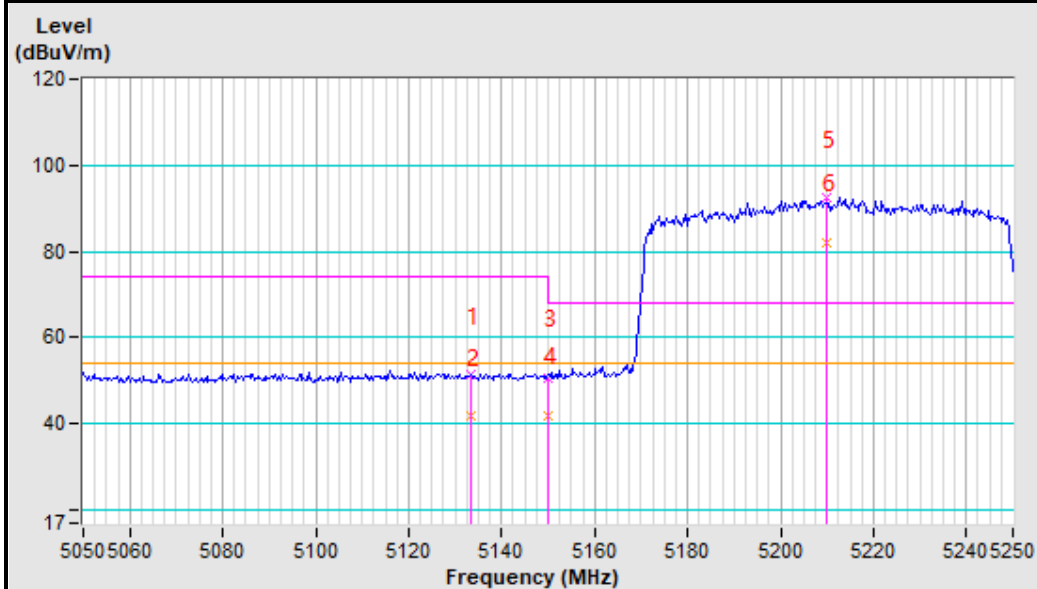
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	5000.00	49.33 PK	74.00	-24.67	3.51 H	154	41.83	7.50
2	5000.00	40.16 AV	54.00	-13.84	3.51 H	154	32.66	7.50
3	5150.00	49.89 PK	74.00	-24.11	3.11 H	15	42.45	7.45
4	5150.00	40.53 AV	54.00	-13.47	3.11 H	15	33.09	7.45
5	*5260.00	92.76 PK			1.54 H	48	85.36	7.40
6	*5260.00	83.00 AV			1.54 H	48	75.60	7.40
7	5350.00	52.09 PK	74.00	-21.91	4.00 H	15	44.72	7.37
8	5350.00	41.47 AV	54.00	-12.53	4.00 H	15	34.09	7.37
9	5400.00	50.43 PK	74.00	-23.57	1.47 H	360	43.07	7.36
10	5400.00	40.35 AV	54.00	-13.65	1.47 H	360	32.99	7.36
11	#10520.00	59.22 PK	68.20	-8.98	1.11 H	15	42.43	16.79
12	15780.00	66.89 PK	74.00	-7.11	2.22 H	32	43.63	23.26
13	15780.00	46.15 AV	54.00	-7.85	2.22 H	32	22.89	23.26
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	5000.00	49.15 PK	74.00	-24.85	2.11 V	54	41.65	7.50
2	5000.00	40.10 AV	54.00	-13.90	2.11 V	54	32.60	7.50
3	5150.00	50.27 PK	74.00	-23.73	4.00 V	15	42.83	7.45
4	5150.00	40.52 AV	54.00	-13.48	4.00 V	15	33.08	7.45
5	*5260.00	90.83 PK			1.54 V	48	83.43	7.40
6	*5260.00	80.96 AV			1.54 V	48	73.56	7.40
7	5350.00	52.57 PK	74.00	-21.43	1.54 V	47	45.20	7.37
8	5350.00	41.37 AV	54.00	-12.63	1.54 V	47	33.99	7.37
9	5400.00	51.54 PK	74.00	-22.46	2.45 V	48	44.18	7.36
10	5400.00	40.48 AV	54.00	-13.52	2.45 V	48	33.12	7.36
11	#10520.00	59.39 PK	68.20	-8.81	3.25 V	15	42.60	16.79
12	15780.00	65.12 PK	74.00	-8.88	3.51 V	18	41.86	23.26
13	15780.00	46.25 AV	54.00	-7.75	3.51 V	18	22.99	23.26

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 less than 20dB margin against the limit.



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4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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	94.02 PK			2.55 H	154	86.63	7.39
2	*5300.00	79.47 AV			2.55 H	154	72.08	7.39
3	5350.00	52.50 PK	74.00	-21.50	1.54 H	31	45.12	7.37
4	5350.00	41.45 AV	54.00	-12.55	1.54 H	31	34.08	7.37
5	5460.00	49.22 PK	74.00	-24.78	1.31 H	16	41.89	7.33
6	5460.00	39.95 AV	54.00	-14.05	1.31 H	16	32.62	7.33
7	10600.00	63.21 PK	74.00	-10.79	1.64 H	48	46.25	16.96
8	10600.00	45.32 AV	54.00	-8.68	1.64 H	48	28.36	16.96
9	15900.00	65.09 PK	74.00	-8.91	1.00 H	15	41.60	23.49
10	15900.00	46.21 AV	54.00	-7.79	1.00 H	15	22.72	23.49
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	91.16 PK			4.00 V	48	83.77	7.39
2	*5300.00	82.15 AV			4.00 V	48	74.76	7.39
3	5350.00	51.21 PK	74.00	-22.79	1.54 V	48	43.84	7.37
4	5350.00	40.65 AV	54.00	-13.35	1.54 V	48	33.27	7.37
5	5460.00	48.51 PK	74.00	-25.49	2.54 V	48	41.18	7.33
6	5460.00	39.56 AV	54.00	-14.44	2.54 V	48	32.23	7.33
7	10600.00	62.48 PK	74.00	-11.52	1.54 V	48	45.52	16.96
8	10600.00	44.15 AV	54.00	-9.85	1.54 V	48	27.19	16.96
9	15900.00	64.54 PK	74.00	-9.46	1.84 V	78	41.05	23.49
10	15900.00	45.55 AV	54.00	-8.45	1.84 V	78	22.06	23.49

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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

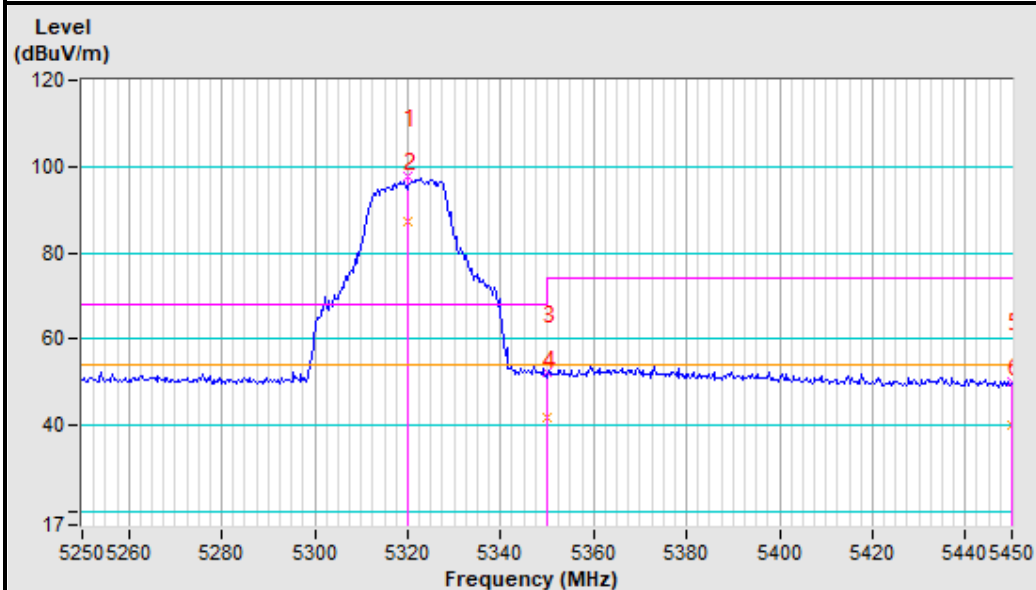
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	97.60 PK			1.54 H	84	90.22	7.38
2	*5320.00	87.45 AV			1.54 H	84	80.07	7.38
3	5350.00	52.14 PK	74.00	-21.86	4.00 H	360	44.77	7.37
4	5350.00	41.88 AV	54.00	-12.12	4.00 H	360	34.51	7.37
5	5450.00	50.30 PK	74.00	-23.70	2.36 H	87	42.97	7.33
6	5450.00	40.14 AV	54.00	-13.86	2.36 H	87	32.81	7.33
7	10640.00	59.97 PK	74.00	-14.03	2.45 H	84	42.92	17.05
8	10640.00	46.09 AV	54.00	-7.91	2.45 H	84	29.04	17.05
9	15960.00	66.03 PK	74.00	-7.97	2.44 H	48	42.43	23.60
10	15960.00	47.88 AV	54.00	-6.12	2.44 H	48	24.28	23.60
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	95.12 PK			2.45 V	48	87.74	7.38
2	*5320.00	85.37 AV			2.45 V	48	77.99	7.38
3	5350.00	51.89 PK	74.00	-22.11	1.54 V	47	44.52	7.37
4	5350.00	41.64 AV	54.00	-12.36	1.54 V	47	34.27	7.37
5	5450.00	49.67 PK	74.00	-24.33	1.54 V	44	42.34	7.33
6	5450.00	40.00 AV	54.00	-14.00	1.54 V	44	32.67	7.33
7	10640.00	85.63 PK			2.44 V	48	68.58	17.05
8	10640.00	45.88 AV	54.00	-8.12	2.44 V	48	28.83	17.05
9	15960.00	65.82 PK	74.00	-8.18	1.54 V	254	42.22	23.60
10	15960.00	46.89 AV	54.00	-7.11	1.54 V	254	23.29	23.60

REMARKS:

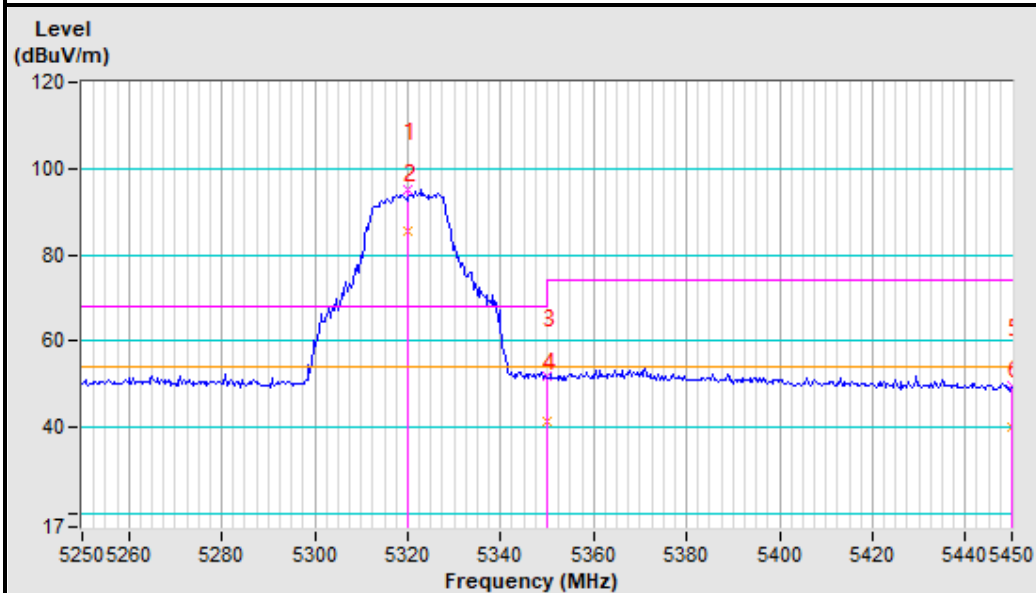
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	5000.00	54.15 PK	74.00	-19.85	4.00 H	48	46.65	7.50
2	5000.00	42.68 AV	54.00	-11.32	4.00 H	48	35.18	7.50
3	5150.00	51.16 PK	74.00	-22.84	2.45 H	48	43.71	7.45
4	5150.00	41.12 AV	54.00	-12.88	2.45 H	48	33.67	7.45
5	*5260.00	97.84 PK			4.00 H	48	90.44	7.40
6	*5260.00	90.16 AV			4.00 H	48	82.76	7.40
7	5350.00	53.64 PK	74.00	-20.36	2.44 H	45	46.27	7.37
8	5350.00	42.98 AV	54.00	-11.02	2.44 H	45	35.60	7.37
9	5400.00	51.16 PK	74.00	-22.84	2.14 H	48	43.80	7.36
10	5400.00	41.85 AV	54.00	-12.15	2.14 H	48	34.49	7.36
11	#10520.00	60.84 PK	68.20	-7.36	2.44 H	45	44.05	16.79
12	15780.00	66.58 PK	74.00	-7.42	4.00 H	48	43.32	23.26
13	15780.00	46.47 AV	54.00	-7.53	4.00 H	48	23.21	23.26
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	5000.00	52.16 PK	74.00	-21.84	1.54 V	48	44.66	7.50
2	5000.00	41.56 AV	54.00	-12.44	1.54 V	48	34.06	7.50
3	5150.00	50.16 PK	74.00	-23.84	4.00 V	48	42.71	7.45
4	5150.00	40.15 AV	54.00	-13.85	4.00 V	48	32.70	7.45
5	*5260.00	94.65 PK			2.11 V	45	87.25	7.40
6	*5260.00	86.54 AV			2.11 V	45	79.14	7.40
7	5350.00	51.15 PK	74.00	-22.85	2.14 V	48	43.77	7.37
8	5350.00	40.15 AV	54.00	-13.85	2.14 V	48	32.77	7.37
9	5400.00	58.54 PK	74.00	-15.46	2.44 V	48	51.18	7.36
10	5400.00	43.15 AV	54.00	-10.85	2.44 V	48	35.79	7.36
11	#10520.00	59.15 PK	68.20	-9.05	2.44 V	48	42.36	16.79
12	15780.00	64.15 PK	74.00	-9.85	1.54 V	48	40.89	23.26
13	15780.00	45.28 AV	54.00	-8.72	1.54 V	48	22.02	23.26

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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	97.51 PK			4.00 H	164	90.12	7.39
2	*5300.00	87.52 AV			4.00 H	164	80.13	7.39
3	5350.00	53.54 PK	74.00	-20.46	2.14 H	48	46.16	7.37
4	5350.00	42.55 AV	54.00	-11.45	2.14 H	48	35.17	7.37
5	5400.00	53.65 PK	74.00	-20.35	2.11 H	154	46.29	7.36
6	5400.00	42.51 AV	54.00	-11.49	2.11 H	154	35.15	7.36
7	10600.00	62.51 PK	74.00	-11.49	2.11 H	15	45.55	16.96
8	10600.00	46.55 AV	54.00	-7.45	2.11 H	15	29.59	16.96
9	15900.00	67.51 PK	74.00	-6.49	2.44 H	45	44.02	23.49
10	15900.00	46.88 AV	54.00	-7.12	2.44 H	45	23.39	23.49
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	93.32 PK			1.54 V	48	85.93	7.39
2	*5300.00	83.72 AV			1.54 V	48	76.33	7.39
3	5350.00	52.02 PK	74.00	-21.98	2.11 V	154	44.65	7.37
4	5350.00	41.64 AV	54.00	-12.36	2.11 V	154	34.27	7.37
5	5400.00	51.24 PK	74.00	-22.76	4.00 V	48	43.88	7.36
6	5400.00	40.62 AV	54.00	-13.38	4.00 V	48	33.26	7.36
7	10600.00	61.51 PK	74.00	-12.49	1.54 V	48	44.55	16.96
8	10600.00	45.55 AV	54.00	-8.45	1.54 V	48	28.59	16.96
9	15900.00	65.65 PK	74.00	-8.35	1.00 V	48	42.16	23.49
10	15900.00	45.81 AV	54.00	-8.19	1.00 V	48	22.32	23.49

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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

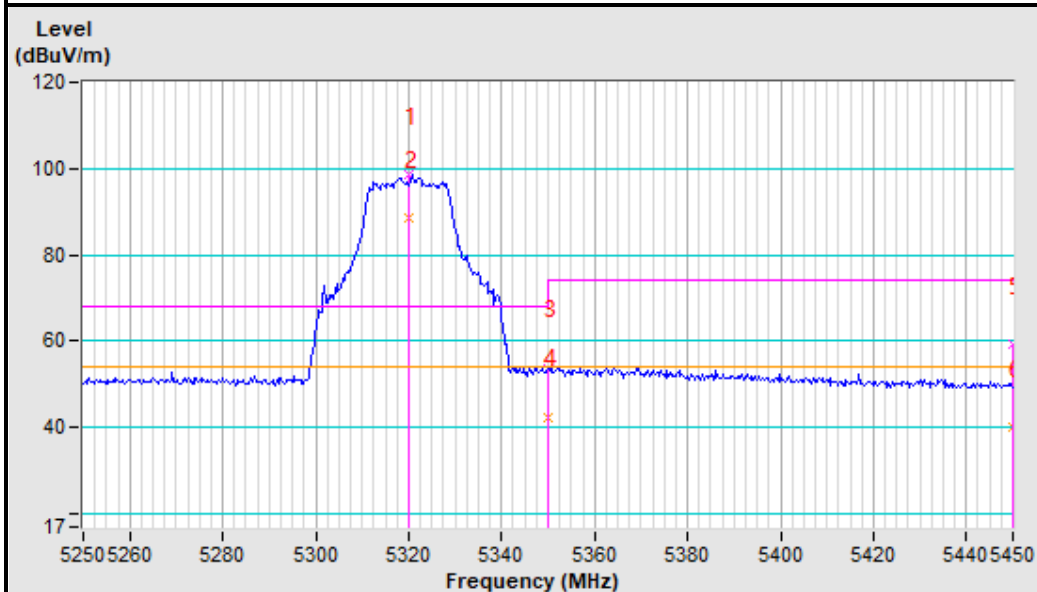
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	98.61 PK			2.45 H	45	91.23	7.38
2	*5320.00	88.46 AV			2.45 H	45	81.08	7.38
3	5350.00	53.69 PK	74.00	-20.31	3.11 H	15	46.31	7.37
4	5350.00	42.35 AV	54.00	-11.65	3.11 H	15	34.98	7.37
5	5450.00	59.12 PK	74.00	-14.88	1.48 H	85	51.79	7.33
6	5450.00	40.06 AV	54.00	-13.94	1.48 H	85	32.73	7.33
7	10640.00	60.21 PK	74.00	-13.79	1.54 H	48	43.16	17.05
8	10640.00	46.83 AV	54.00	-7.17	1.54 H	48	29.78	17.05
9	15960.00	65.91 PK	74.00	-8.09	4.00 H	48	42.31	23.60
10	15960.00	46.38 AV	54.00	-7.62	4.00 H	48	22.78	23.60
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	94.31 PK			1.54 V	48	86.93	7.38
2	*5320.00	84.20 AV			1.54 V	48	76.82	7.38
3	5350.00	52.41 PK	74.00	-21.59	3.11 V	15	45.03	7.37
4	5350.00	41.80 AV	54.00	-12.20	3.11 V	15	34.42	7.37
5	5450.00	50.23 PK	74.00	-23.77	1.51 V	48	42.90	7.33
6	5450.00	40.00 AV	54.00	-14.00	1.51 V	48	32.67	7.33
7	10640.00	59.21 PK	74.00	-14.79	4.00 V	48	42.16	17.05
8	10640.00	44.23 AV	54.00	-9.77	4.00 V	48	27.18	17.05
9	15960.00	65.22 PK	74.00	-8.78	1.54 V	48	41.62	23.60
10	15960.00	45.63 AV	54.00	-8.37	1.54 V	48	22.03	23.60

REMARKS:

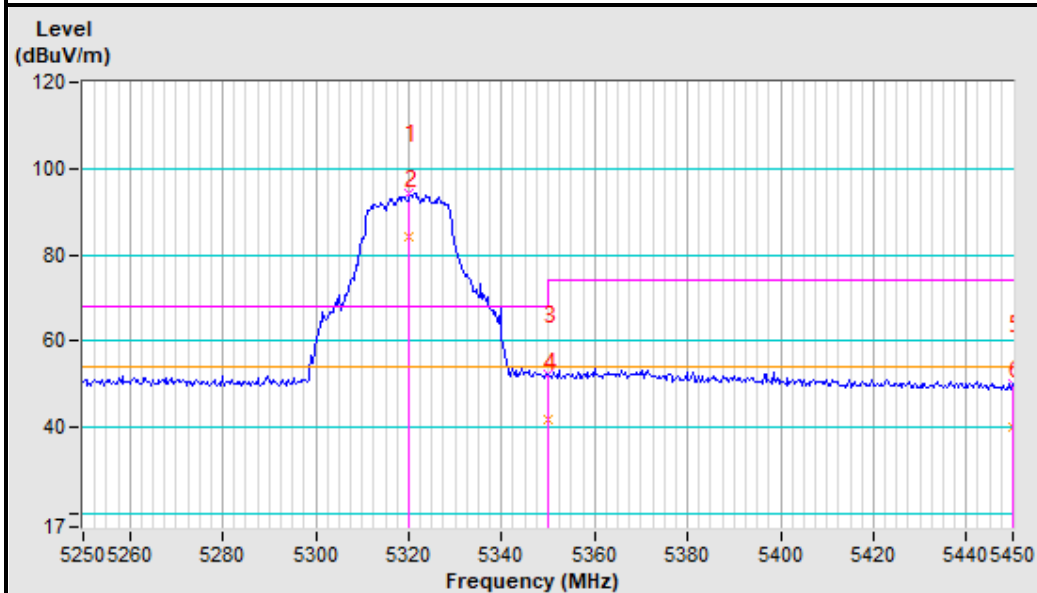
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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	95.65 PK			2.44 H	48	88.25	7.40
2	*5270.00	83.25 AV			2.44 H	48	75.85	7.40
3	5350.00	51.56 PK	74.00	-22.44	2.48 H	48	44.19	7.37
4	5350.00	41.65 AV	54.00	-12.35	2.48 H	48	34.27	7.37
5	5460.00	51.65 PK	74.00	-22.35	4.00 H	48	44.32	7.33
6	5460.00	40.88 AV	54.00	-13.12	4.00 H	48	33.55	7.33
7	#10540.00	58.65 PK	68.20	-9.55	2.44 H	87	41.82	16.83
8	15810.00	62.56 PK	74.00	-11.44	2.44 H	48	39.24	23.32
9	15810.00	47.22 AV	54.00	-6.78	2.44 H	48	23.90	23.32
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	92.26 PK			1.00 V	48	84.86	7.40
2	*5270.00	88.54 AV			1.00 V	48	81.14	7.40
3	5350.00	52.65 PK	74.00	-21.35	2.41 V	154	45.27	7.37
4	5350.00	42.89 AV	54.00	-11.11	2.41 V	154	35.52	7.37
5	5460.00	50.09 PK	74.00	-23.91	2.48 V	78	42.76	7.33
6	5460.00	40.31 AV	54.00	-13.69	2.48 V	78	32.98	7.33
7	#10540.00	59.95 PK	68.20	-8.25	3.21 V	15	43.12	16.83
8	15810.00	62.35 PK	74.00	-11.65	4.00 V	48	39.03	23.32
9	15810.00	46.58 AV	54.00	-7.42	4.00 V	48	23.26	23.32

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

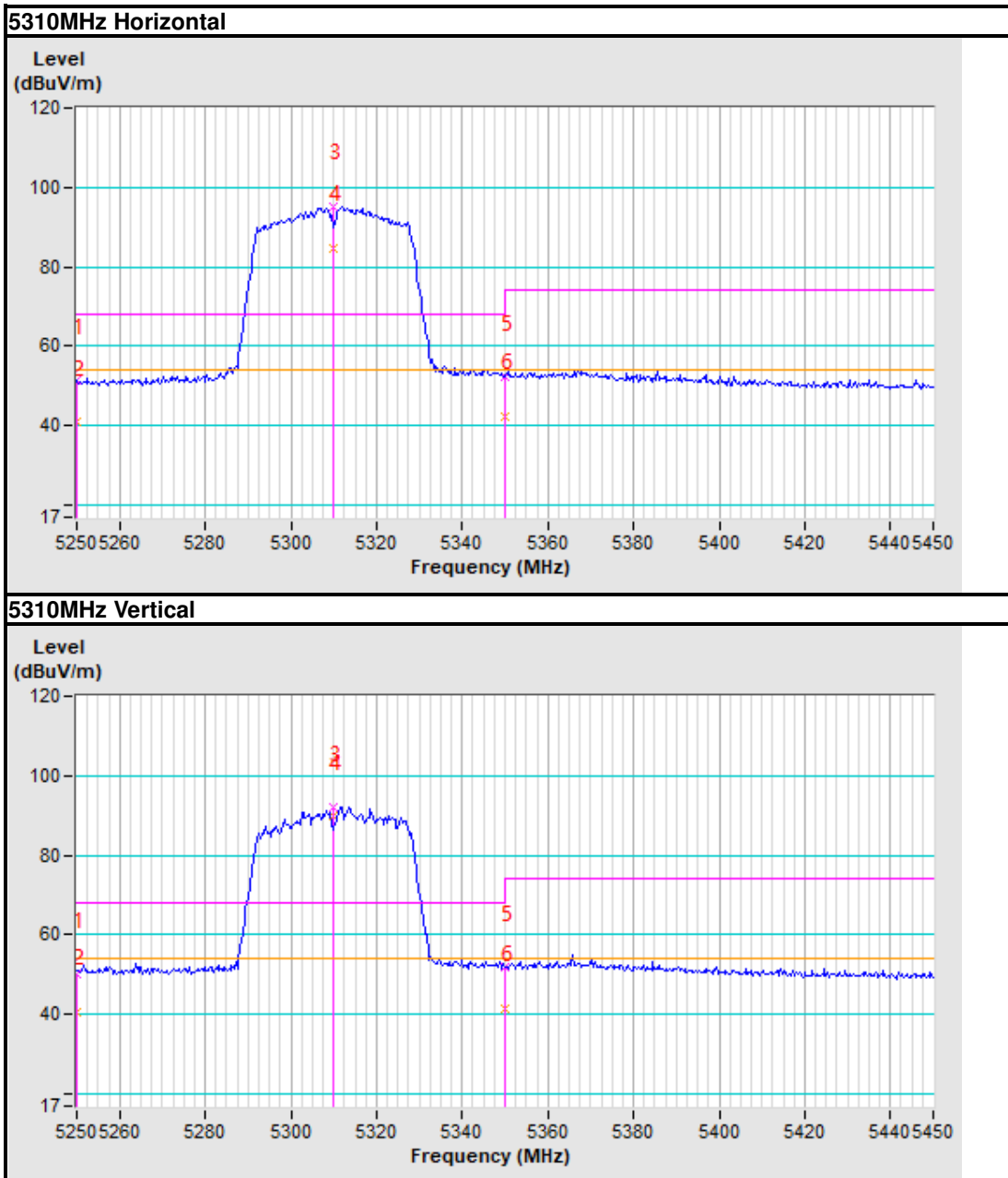
CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5250.00	51.43 PK	68.20	-16.77	2.35 H	54	44.02	7.41
2	#5250.00	40.94 AV	54.00	-13.06	2.35 H	54	33.52	7.41
3	*5310.00	95.25 PK			2.11 H	15	87.86	7.39
4	*5310.00	84.84 AV			2.11 H	15	77.45	7.39
5	5350.00	52.18 PK	74.00	-21.82	3.48 H	48	44.80	7.37
6	5350.00	42.36 AV	54.00	-11.64	3.48 H	48	34.98	7.37
7	10620.00	62.56 PK	74.00	-11.44	1.54 H	48	45.56	17.00
8	10620.00	47.55 AV	54.00	-6.45	1.54 H	48	30.55	17.00
9	15930.00	63.33 PK	74.00	-10.67	2.11 H	45	39.78	23.55
10	15930.00	46.82 AV	54.00	-7.18	2.11 H	45	23.27	23.55
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	#5250.00	50.03 PK	68.20	-18.17	1.56 V	156	42.62	7.41
2	#5250.00	40.73 AV	54.00	-13.27	1.56 V	156	33.31	7.41
3	*5310.00	91.94 PK			2.11 V	15	84.55	7.39
4	*5310.00	89.71 AV			2.11 V	15	82.32	7.39
5	5350.00	51.84 PK	74.00	-22.16	2.48 V	89	44.47	7.37
6	5350.00	41.61 AV	54.00	-12.39	2.48 V	89	34.23	7.37
7	10620.00	59.65 PK	74.00	-14.35	2.44 V	48	42.65	17.00
8	10620.00	45.16 AV	54.00	-8.84	2.44 V	48	28.16	17.00
9	15930.00	62.65 PK	74.00	-11.35	2.55 V	360	39.10	23.55
10	15930.00	45.66 AV	54.00	-8.34	2.55 V	360	22.11	23.55

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

Band edge Plot



802.11ac 80MHz

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

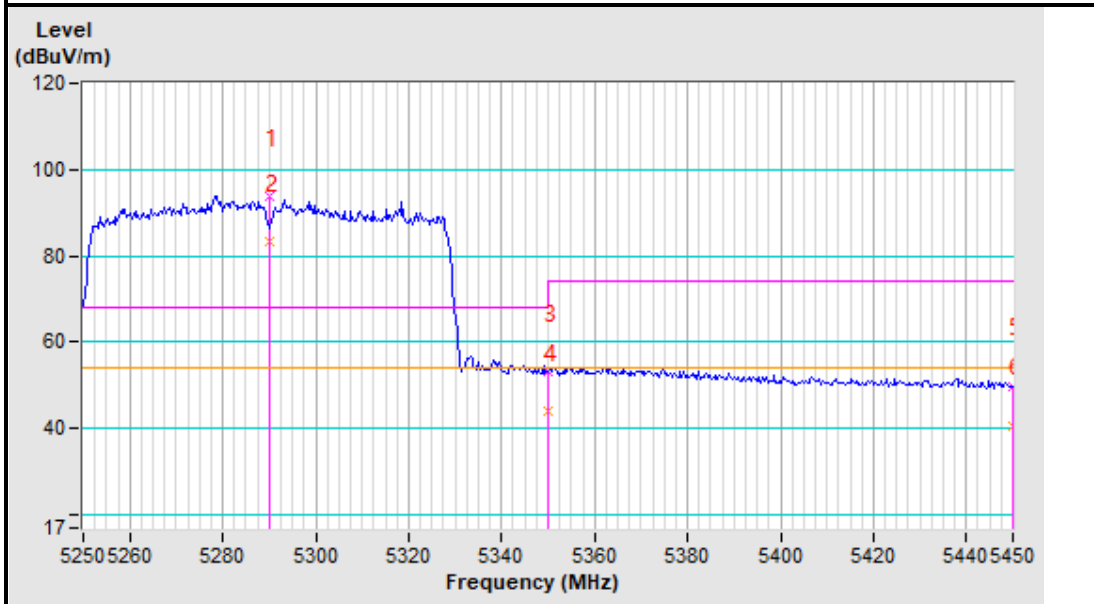
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	93.69 PK			2.11 H	15	86.30	7.39
2	*5290.00	83.30 AV			2.11 H	15	75.91	7.39
3	5350.00	53.13 PK	74.00	-20.87	2.11 H	54	45.76	7.37
4	5350.00	43.95 AV	54.00	-10.05	2.11 H	54	36.58	7.37
5	5450.00	49.94 PK	74.00	-24.06	2.25 H	85	42.61	7.33
6	5450.00	40.69 AV	54.00	-13.31	2.25 H	85	33.36	7.33
7	#10580.00	61.29 PK	68.20	-6.91	3.45 H	48	44.38	16.91
8	15870.00	64.19 PK	74.00	-9.81	2.33 H	55	40.75	23.44
9	15870.00	46.21 AV	54.00	-7.79	2.33 H	55	22.77	23.44
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	88.39 PK			4.00 V	211	81.00	7.39
2	*5290.00	78.96 AV			4.00 V	211	71.57	7.39
3	5350.00	51.96 PK	74.00	-22.04	3.54 V	45	44.59	7.37
4	5350.00	42.73 AV	54.00	-11.27	3.54 V	45	35.35	7.37
5	5450.00	49.41 PK	74.00	-24.59	2.11 V	1	42.08	7.33
6	5450.00	40.43 AV	54.00	-13.57	2.11 V	1	33.10	7.33
7	#10580.00	60.89 PK	68.20	-7.31	2.14 V	84	43.98	16.91
8	15870.00	64.32 PK	74.00	-9.68	2.48 V	21	40.88	23.44
9	15870.00	45.21 AV	54.00	-8.79	2.48 V	21	21.77	23.44

REMARKS:

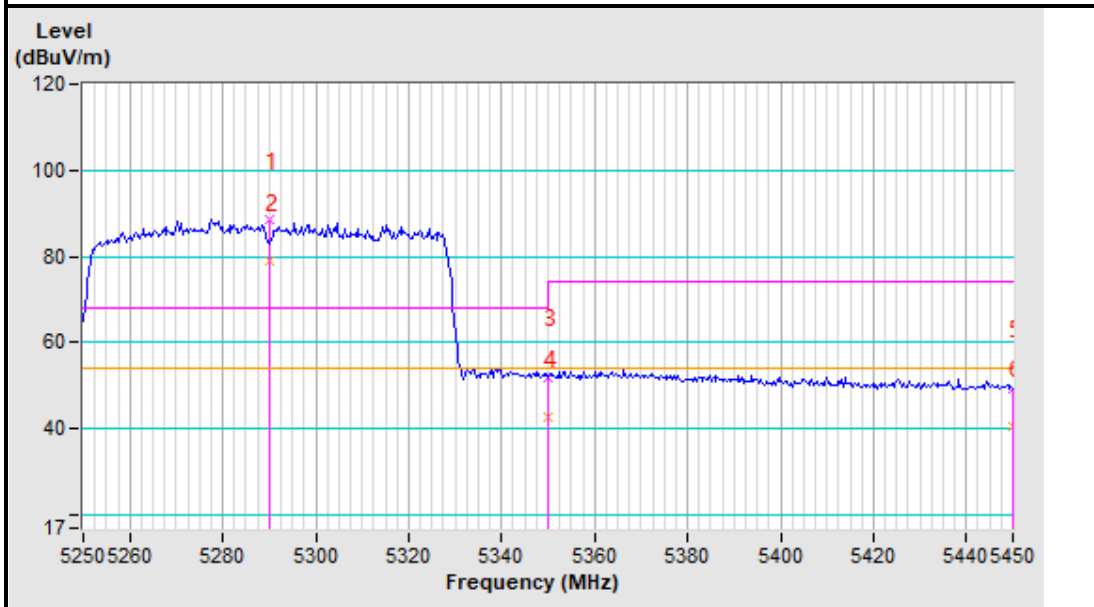
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5290MHz Horizontal



5290MHz Vertical



802.11ax (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	5143.69	53.13 PK	74.00	-20.87	1.54 H	48	45.68	7.45
2	5143.69	42.25 AV	54.00	-11.75	1.54 H	48	34.80	7.45
3	5150.00	53.65 PK	74.00	-20.35	1.54 H	48	46.20	7.45
4	5150.00	40.25 AV	54.00	-13.75	1.54 H	48	32.80	7.45
5	*5260.00	99.65 PK			1.54 H	47	92.25	7.40
6	*5260.00	85.15 AV			1.54 H	47	77.75	7.40
7	5350.00	53.56 PK	74.00	-20.44	1.54 H	48	46.19	7.37
8	5350.00	41.55 AV	54.00	-12.45	1.54 H	48	34.17	7.37
9	5359.00	52.28 PK	74.00	-21.72	1.54 H	48	44.91	7.37
10	5359.00	42.11 AV	54.00	-11.89	1.54 H	48	34.74	7.37
11	#10520.00	59.66 PK	68.20	-8.54	1.54 H	48	42.87	16.79
12	15780.00	63.21 PK	74.00	-10.79	1.54 H	48	39.95	23.26
13	15780.00	45.22 AV	54.00	-8.78	1.54 H	48	21.96	23.26
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	5143.69	51.12 PK	74.00	-22.88	3.25 V	148	43.67	7.45
2	5143.69	43.33 AV	54.00	-10.67	3.25 V	148	35.88	7.45
3	5150.00	52.39 PK	74.00	-21.61	1.54 V	48	44.95	7.45
4	5150.00	42.32 AV	54.00	-11.68	1.54 V	48	34.87	7.45
5	*5260.00	94.65 PK			1.54 V	48	87.25	7.40
6	*5260.00	82.65 AV			1.54 V	48	75.25	7.40
7	5350.00	52.11 PK	74.00	-21.89	1.54 V	48	44.73	7.37
8	5350.00	42.09 AV	54.00	-11.91	1.54 V	48	34.72	7.37
9	5359.00	53.13 PK	74.00	-20.87	4.00 V	48	45.76	7.37
10	5359.00	42.38 AV	54.00	-11.62	4.00 V	48	35.01	7.37
11	#10520.00	56.65 PK	68.20	-11.55	1.54 V	48	39.86	16.79
12	15780.00	64.12 PK	74.00	-9.88	4.00 V	48	40.86	23.26
13	15780.00	45.25 AV	54.00	-8.75	4.00 V	48	21.99	23.26

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

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	98.51 PK			1.25 H	84	91.12	7.39
2	*5300.00	86.68 AV			1.25 H	84	79.29	7.39
3	5350.00	52.14 PK	74.00	-21.86	1.54 H	87	44.77	7.37
4	5350.00	42.37 AV	54.00	-11.63	1.54 H	87	34.99	7.37
5	5356.21	52.56 PK	74.00	-21.44	1.44 H	45	45.19	7.37
6	5356.21	42.29 AV	54.00	-11.71	1.44 H	45	34.92	7.37
7	10600.00	55.45 PK	74.00	-18.55	1.54 H	48	38.49	16.96
8	10600.00	45.15 AV	54.00	-8.85	1.54 H	48	28.19	16.96
9	15900.00	63.25 PK	74.00	-10.75	2.11 H	15	39.76	23.49
10	15900.00	44.14 AV	54.00	-9.86	2.11 H	15	20.65	23.49
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	95.15 PK			1.54 V	48	87.76	7.39
2	*5300.00	83.36 AV			1.54 V	48	75.97	7.39
3	5350.00	53.65 PK	74.00	-20.35	1.51 V	11	46.27	7.37
4	5350.00	41.21 AV	54.00	-12.79	1.51 V	11	33.84	7.37
5	5356.21	52.10 PK	74.00	-21.90	1.54 V	48	44.73	7.37
6	5356.21	41.68 AV	54.00	-12.32	1.54 V	48	34.31	7.37
7	10600.00	58.51 PK	74.00	-15.49	4.00 V	48	41.55	16.96
8	10600.00	45.22 AV	54.00	-8.78	4.00 V	48	28.26	16.96
9	15960.00	64.32 PK	74.00	-9.68	1.54 V	4	40.72	23.60
10	15960.00	46.57 AV	54.00	-7.43	1.54 V	4	22.97	23.60

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

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

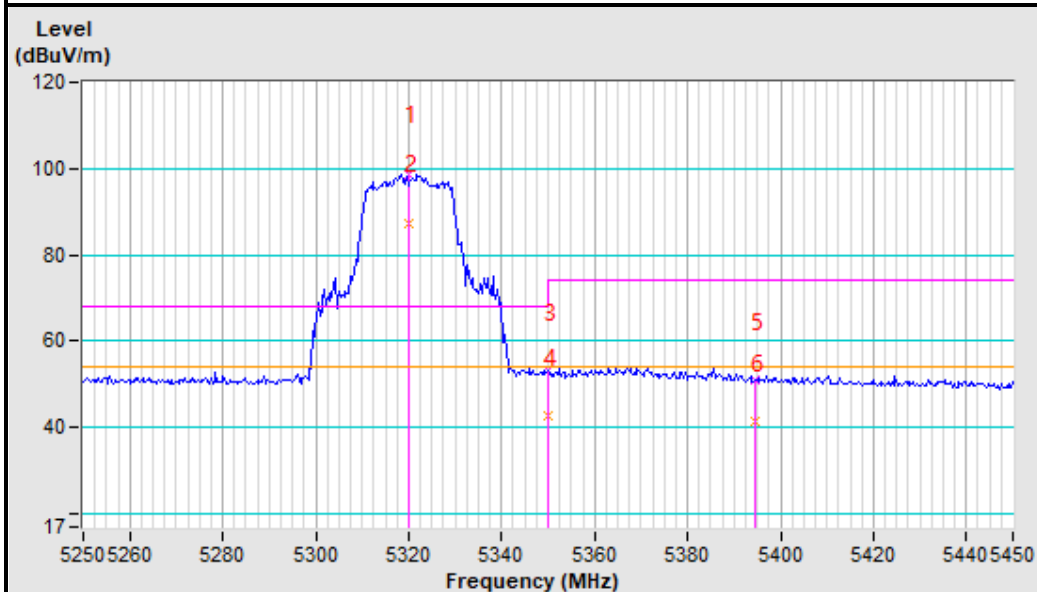
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5320.00	98.69 PK			2.41 H	15	91.31	7.38
2	*5320.00	87.37 AV			2.41 H	15	79.99	7.38
3	5350.00	53.13 PK	74.00	-20.87	1.54 H	48	45.76	7.37
4	5350.00	42.70 AV	54.00	-11.30	1.54 H	48	35.33	7.37
5	5394.50	51.00 PK	74.00	-23.00	1.54 H	47	43.64	7.36
6	5394.50	41.37 AV	54.00	-12.63	1.54 H	47	34.01	7.36
7	10640.00	56.29 PK	74.00	-17.71	2.44 H	48	39.24	17.05
8	10640.00	46.39 AV	54.00	-7.61	2.44 H	48	29.34	17.05
9	15960.00	65.21 PK	74.00	-8.79	1.56 H	115	41.61	23.60
10	15960.00	45.29 AV	54.00	-8.71	1.56 H	115	21.69	23.60
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	95.39 PK			2.58 V	96	88.01	7.38
2	*5320.00	83.59 AV			2.58 V	96	76.21	7.38
3	5350.00	52.45 PK	74.00	-21.55	2.14 V	48	45.08	7.37
4	5350.00	41.98 AV	54.00	-12.02	2.14 V	48	34.60	7.37
5	5394.50	51.69 PK	74.00	-22.31	1.57 V	84	44.33	7.36
6	5394.50	41.47 AV	54.00	-12.53	1.57 V	84	34.11	7.36
7	10640.00	59.89 PK	74.00	-14.11	2.48 V	48	42.84	17.05
8	10640.00	45.21 AV	54.00	-8.79	2.48 V	48	28.16	17.05
9	15960.00	64.32 PK	74.00	-9.68	1.54 V	47	40.72	23.60
10	15960.00	46.89 AV	54.00	-7.11	1.54 V	47	23.29	23.60

REMARKS:

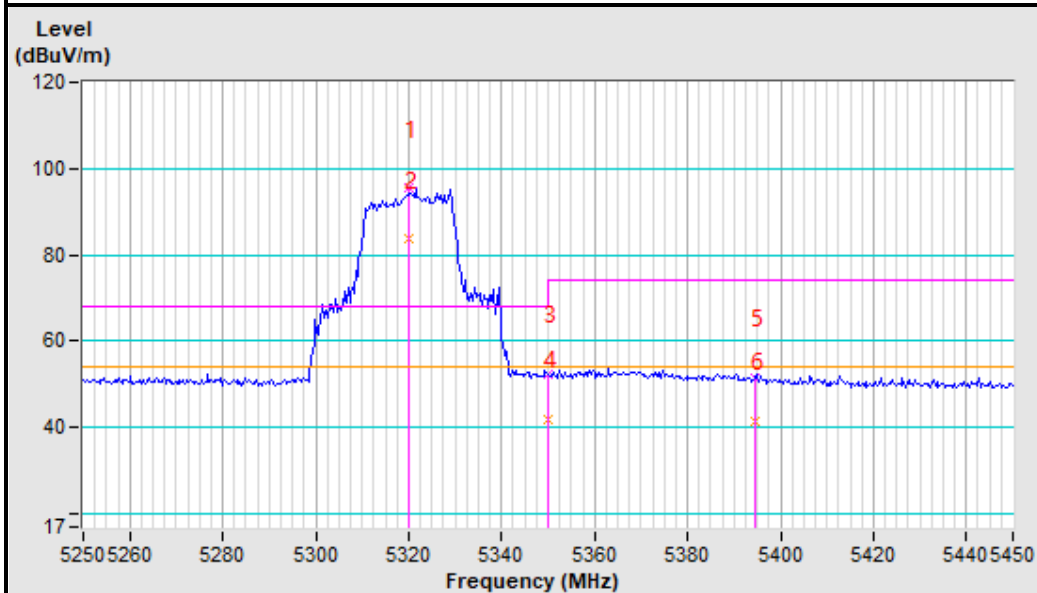
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5320MHz Horizontal



5320MHz Vertical



802.11ax (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	97.64 PK			1.54 H	48	90.24	7.40
2	*5270.00	85.15 AV			1.54 H	48	77.75	7.40
3	5350.00	53.15 PK	74.00	-20.85	1.54 H	48	45.77	7.37
4	5350.00	42.10 AV	54.00	-11.90	1.54 H	48	34.73	7.37
5	5358.54	52.98 PK	74.00	-21.02	1.54 H	48	45.61	7.37
6	5358.54	42.33 AV	54.00	-11.67	1.54 H	48	34.96	7.37
7	#10540.00	59.87 PK	68.20	-8.33	1.54 H	48	43.04	16.83
8	15810.00	62.65 PK	74.00	-11.35	1.00 H	78	39.33	23.32
9	15810.00	45.68 AV	54.00	-8.32	1.00 H	78	22.36	23.32
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	93.16 PK			1.54 V	48	85.76	7.40
2	*5270.00	81.51 AV			1.54 V	48	74.11	7.40
3	5350.00	52.15 PK	74.00	-21.85	1.54 V	48	44.77	7.37
4	5350.00	41.15 AV	54.00	-12.85	1.54 V	48	33.77	7.37
5	5358.54	52.55 PK	74.00	-21.45	4.00 V	48	45.18	7.37
6	5358.54	42.14 AV	54.00	-11.86	4.00 V	48	34.77	7.37
7	#10540.00	59.12 PK	68.20	-9.08	1.54 V	48	42.29	16.83
8	15810.00	64.15 PK	74.00	-9.85	1.54 V	48	40.83	23.32
9	15810.00	45.51 AV	54.00	-8.49	1.54 V	48	22.19	23.32

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

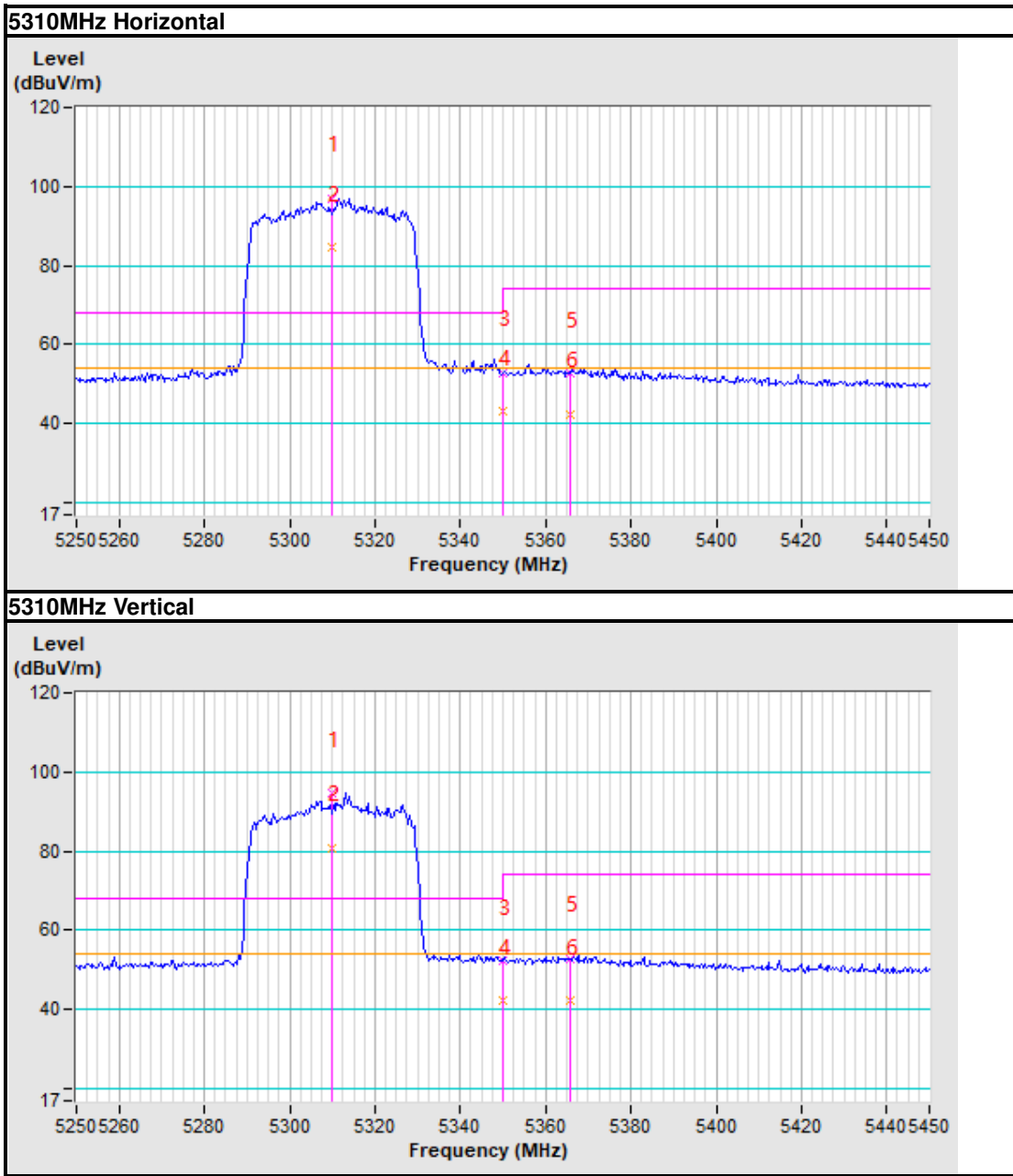
CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	96.92 PK			1.54 H	48	89.53	7.39
2	*5310.00	84.52 AV			1.54 H	48	77.13	7.39
3	5350.00	52.91 PK	74.00	-21.09	1.54 H	47	45.53	7.37
4	5350.00	42.98 AV	54.00	-11.02	1.54 H	47	35.60	7.37
5	5365.63	52.76 PK	74.00	-21.24	1.41 H	145	45.40	7.36
6	5365.63	42.52 AV	54.00	-11.48	1.41 H	145	35.16	7.36
7	10620.00	61.05 PK	74.00	-12.95	1.54 H	48	44.05	17.00
8	10620.00	45.22 AV	54.00	-8.78	1.54 H	48	28.22	17.00
9	15930.00	66.08 PK	74.00	-7.92	4.00 H	78	42.53	23.55
10	15930.00	46.87 AV	54.00	-7.13	4.00 H	78	23.32	23.55
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	94.60 PK			1.54 V	48	87.21	7.39
2	*5310.00	80.92 AV			1.54 V	48	73.53	7.39
3	5350.00	52.33 PK	74.00	-21.67	1.54 V	48	44.95	7.37
4	5350.00	42.17 AV	54.00	-11.83	1.54 V	48	34.80	7.37
5	5365.63	52.99 PK	74.00	-21.01	1.47 V	51	45.63	7.36
6	5365.63	42.32 AV	54.00	-11.68	1.47 V	51	34.96	7.36
7	10620.00	62.56 PK	74.00	-11.44	1.54 V	47	45.56	17.00
8	10620.00	45.51 AV	54.00	-8.49	1.54 V	47	28.51	17.00
9	15930.00	65.15 PK	74.00	-8.85	1.54 V	48	41.60	23.55
10	15930.00	46.81 AV	54.00	-7.19	1.54 V	48	23.26	23.55

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.

Band edge Plot



802.11ax (80MHz)

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

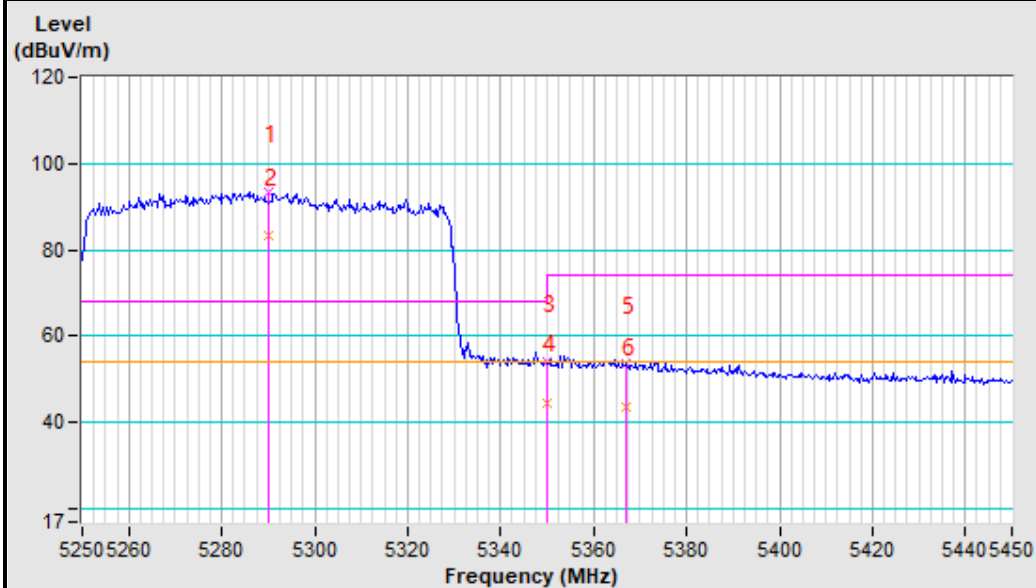
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5290.00	93.21 PK			2.56 H	84	85.82	7.39
2	*5290.00	83.18 AV			2.56 H	84	75.79	7.39
3	5350.00	53.88 PK	74.00	-20.12	1.54 H	48	46.51	7.37
4	5350.00	44.60 AV	54.00	-9.40	1.54 H	48	37.23	7.37
5	5367.08	53.60 PK	74.00	-20.40	3.45 H	48	46.23	7.37
6	5367.08	43.78 AV	54.00	-10.22	3.45 H	48	36.41	7.37
7	#10580.00	58.65 PK	68.20	-9.55	2.35 H	56	41.74	16.91
8	15870.00	64.08 PK	74.00	-9.92	1.54 H	48	40.64	23.44
9	15870.00	45.55 AV	54.00	-8.45	1.54 H	48	22.11	23.44
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	89.96 PK			1.54 V	48	82.57	7.39
2	*5290.00	79.73 AV			1.54 V	48	72.34	7.39
3	5350.00	52.29 PK	74.00	-21.71	1.54 V	47	44.91	7.37
4	5350.00	43.14 AV	54.00	-10.86	1.54 V	47	35.77	7.37
5	5367.08	53.07 PK	74.00	-20.93	1.54 V	89	45.70	7.37
6	5367.08	42.83 AV	54.00	-11.17	1.54 V	89	35.46	7.37
7	#10580.00	58.62 PK	68.20	-9.58	1.54 V	89	41.71	16.91
8	15870.00	63.22 PK	74.00	-10.78	4.00 V	48	39.78	23.44
9	15870.00	45.87 AV	54.00	-8.13	4.00 V	48	22.43	23.44

REMARKS:

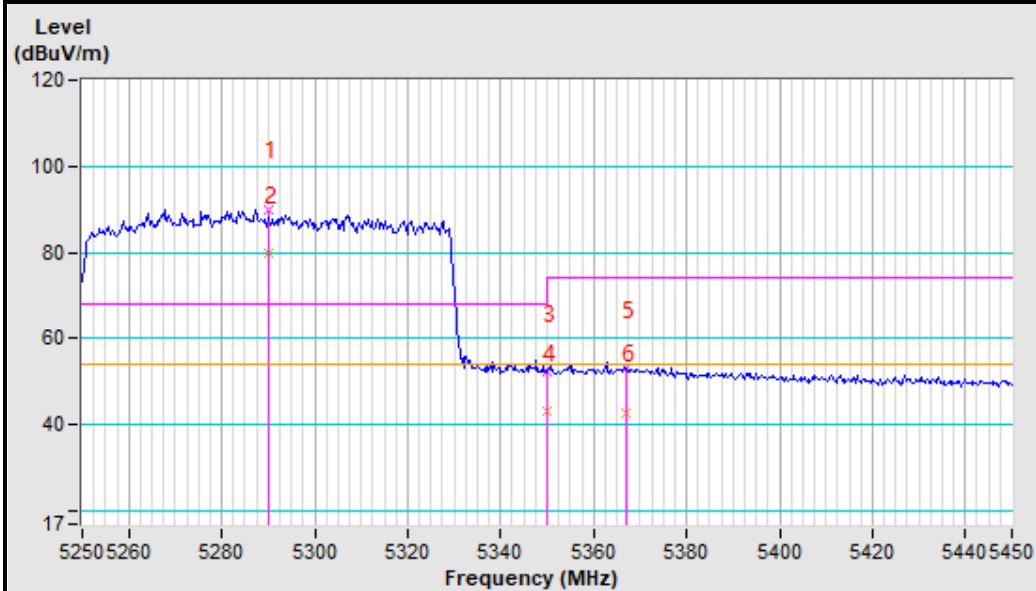
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

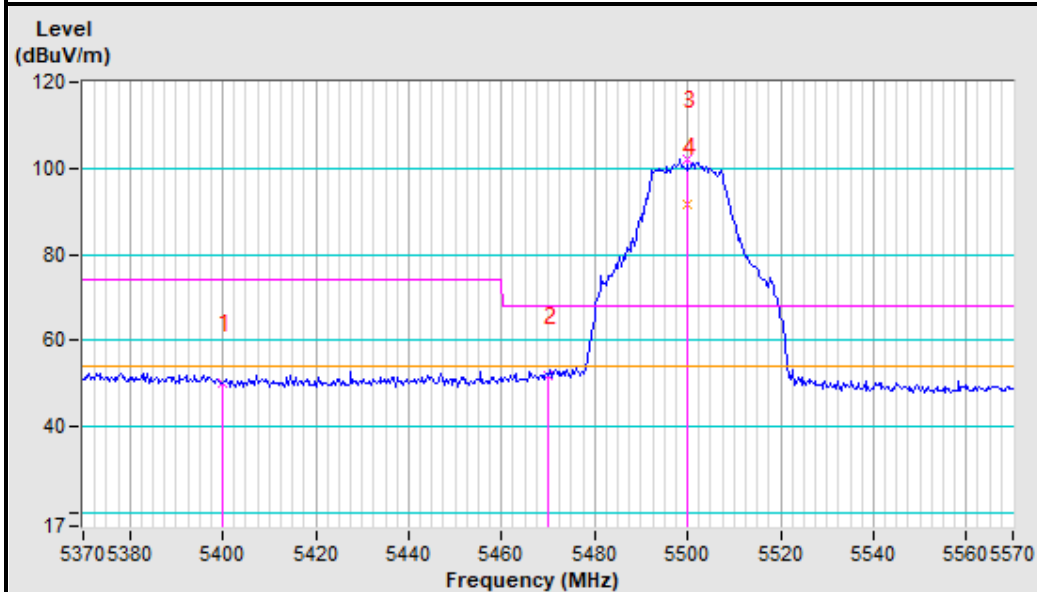
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5400.00	50.38 PK	74.00	-23.62	3.54 H	48	43.02	7.36
2	5470.00	51.94 AV	54.00	-16.26	3.56 H	89	44.61	7.33
3	*5500.00	102.13 PK			2.48 H	78	94.81	7.32
4	*5500.00	91.62 AV			2.48 H	78	84.30	7.32
5	11000.00	59.62 PK	74.00	-14.38	2.44 H	48	41.79	17.83
6	11000.00	46.53 AV	54.00	-7.47	2.44 H	48	28.70	17.83
7	#16500.00	57.56 PK	68.20	-10.64	2.44 H	48	33.51	24.05
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	5400.00	49.50 PK	74.00	-24.50	4.00 V	48	42.14	7.36
2	5470.00	48.99 AV	54.00	-19.21	1.24 V	48	41.66	7.33
3	*5500.00	98.77 PK			4.00 V	48	91.45	7.32
4	*5500.00	88.16 AV			4.00 V	48	80.84	7.32
5	11000.00	58.96 PK	74.00	-15.04	2.44 V	48	41.13	17.83
6	11000.00	44.29 AV	54.00	-9.71	2.44 V	48	26.46	17.83
7	#16500.00	59.98 PK	68.20	-8.22	1.54 V	8	35.93	24.05

REMARKS:

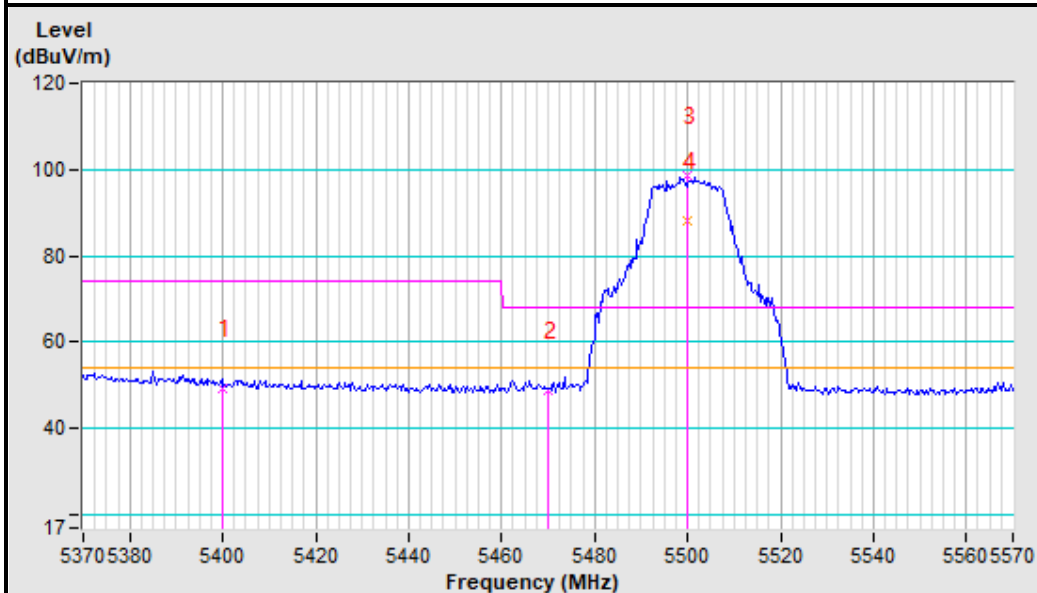
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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)
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	#5470.00	51.26 PK	68.20	-16.94	4.00 H	48	43.93	7.33
2	*5580.00	101.58 PK			2.48 H	89	93.84	7.74
3	*5580.00	92.56 AV			2.48 H	89	84.82	7.74
4	11160.00	59.65 PK	74.00	-14.35	1.54 H	87	41.69	17.96
5	11160.00	46.85 AV	54.00	-7.15	1.54 H	87	28.89	17.96
6	#16740.00	60.56 PK	68.20	-7.64	1.54 H	78	36.14	24.42
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	49.26 PK	68.20	-18.94	1.54 V	8	41.93	7.33
2	*5580.00	98.65 PK			4.00 V	48	90.91	7.74
3	*5580.00	87.15 AV			4.00 V	48	79.41	7.74
4	11160.00	58.56 PK	74.00	-15.44	2.44 V	48	40.60	17.96
5	11160.00	44.20 AV	54.00	-9.80	2.44 V	48	26.24	17.96
6	#16740.00	59.36 PK	68.20	-8.84	1.54 V	48	34.94	24.42

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

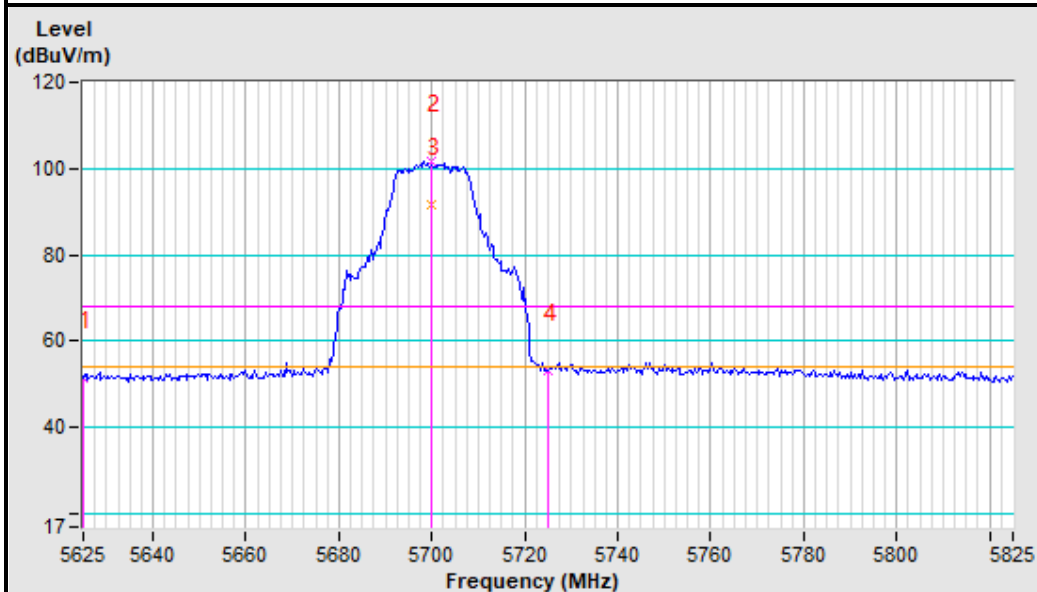
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	51.44 PK	68.20	-16.76	3.21 H	15	43.46	7.98
2	*5700.00	101.59 PK			4.00 H	15	93.22	8.37
3	*5700.00	91.62 AV			4.00 H	15	83.25	8.37
4	#5725.00	53.17 PK	68.20	-15.03	1.54 H	48	44.68	8.49
5	11400.00	59.32 PK	74.00	-14.68	2.35 H	48	41.18	18.14
6	11400.00	46.29 AV	54.00	-7.71	2.35 H	48	28.15	18.14
7	#17100.00	60.39 PK	68.20	-7.81	2.54 H	48	35.62	24.77
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	#5625.00	51.13 PK	68.20	-17.07	2.56 V	48	43.15	7.98
2	*5700.00	98.61 PK			1.54 V	78	90.24	8.37
3	*5700.00	88.86 AV			1.54 V	78	80.49	8.37
4	#5725.00	52.24 PK	68.20	-15.96	1.54 V	78	43.75	8.49
5	11400.00	60.65 PK	74.00	-13.35	1.54 V	78	42.51	18.14
6	11400.00	45.56 AV	54.00	-8.44	1.54 V	78	27.42	18.14
7	#17100.00	60.74 PK	68.20	-7.46	2.48 V	89	35.97	24.77

REMARKS:

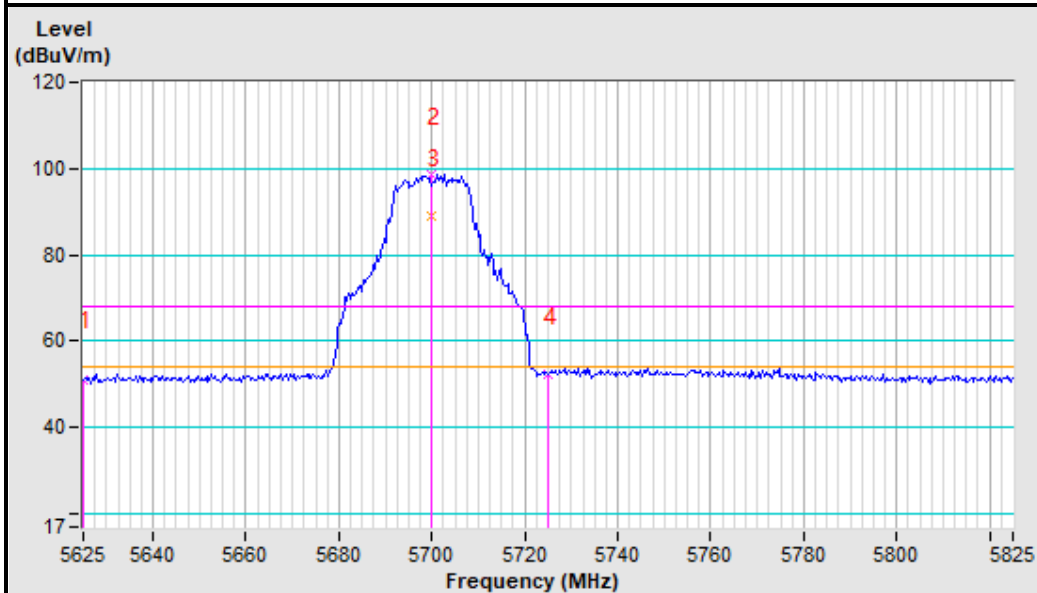
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5700MHz Horizontal



5700MHz Vertical



802.11n (20MHz)

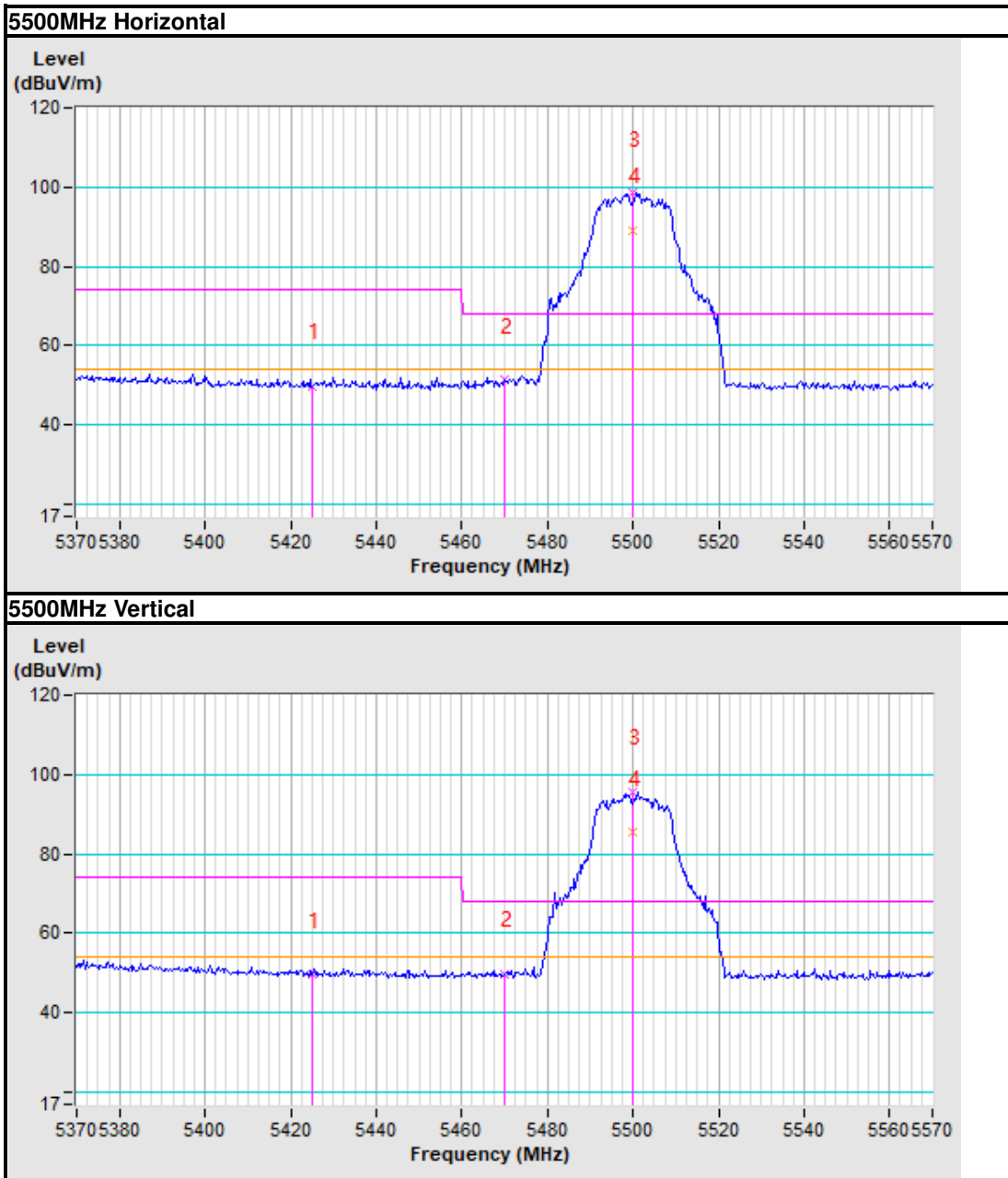
CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5425.00	49.86 PK	74.00	-24.14	2.15 H	48	42.51	7.35
2	5470.00	51.39 AV	54.00	-16.81	3.51 H	8	44.06	7.33
3	*5500.00	98.60 PK			3.26 H	58	91.28	7.32
4	*5500.00	89.04 AV			3.26 H	58	81.72	7.32
5	11000.00	59.81 PK	74.00	-14.19	2.15 H	89	41.98	17.83
6	11000.00	45.50 AV	54.00	-8.50	2.68 H	32	27.67	17.83
7	#16500.00	60.23 PK	68.20	-7.97	1.54 H	78	36.18	24.05
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	5425.00	49.67 PK	74.00	-24.33	1.54 V	48	42.32	7.35
2	5470.00	49.93 AV	54.00	-18.27	3.58 V	89	42.60	7.33
3	*5500.00	95.73 PK			2.36 V	360	88.41	7.32
4	*5500.00	85.44 AV			2.36 V	360	78.12	7.32
5	11000.00	59.56 PK	74.00	-14.44	4.00 V	49	41.73	17.83
6	11000.00	43.56 AV	54.00	-10.44	4.00 V	49	25.73	17.83
7	#16500.00	58.24 PK	68.20	-9.96	2.44 V	48	34.19	24.05

REMARKS:

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

Band edge Plot



CHANNEL	TX Channel 116	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	#5470.00	49.30 PK	68.20	-18.90	1.25 H	360	41.97	7.33
2	*5580.00	99.20 PK			1.54 H	48	91.46	7.74
3	*5580.00	89.69 AV			1.54 H	48	81.95	7.74
4	11160.00	58.29 PK	74.00	-15.71	2.59 H	154	40.33	17.96
5	11160.00	45.31 AV	54.00	-8.69	2.59 H	154	27.35	17.96
6	#16740.00	60.93 PK	68.20	-7.27	1.54 H	78	36.51	24.42
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	47.38 PK	68.20	-20.82	4.00 V	48	40.05	7.33
2	*5580.00	94.32 PK			1.00 V	78	86.58	7.74
3	*5580.00	84.69 AV			1.00 V	78	76.95	7.74
4	11160.00	59.32 PK	74.00	-14.68	2.56 V	48	41.36	17.96
5	11160.00	44.56 AV	54.00	-9.44	2.56 V	48	26.60	17.96
6	#16740.00	58.38 PK	68.20	-9.82	1.54 V	89	33.96	24.42

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

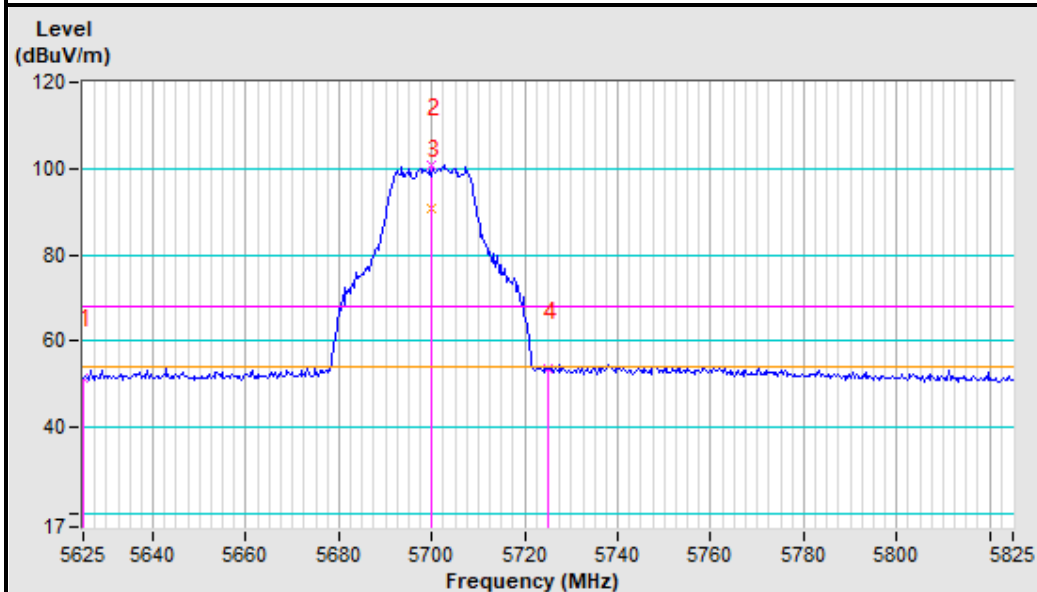
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5625.00	51.54 PK	68.20	-16.66	1.54 H	48	43.56	7.98
2	*5700.00	100.60 PK			1.56 H	89	92.23	8.37
3	*5700.00	90.81 AV			1.56 H	89	82.44	8.37
4	#5725.00	53.61 PK	68.20	-14.59	1.47 H	89	45.12	8.49
5	11400.00	60.26 PK	74.00	-13.74	1.54 H	48	42.12	18.14
6	11400.00	44.25 AV	54.00	-9.75	1.54 H	48	26.11	18.14
7	#17100.00	59.56 PK	68.20	-8.64	2.35 H	89	34.79	24.77
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	#5625.00	52.71 PK	68.20	-15.49	1.54 V	78	44.73	7.98
2	*5700.00	97.50 PK			4.00 V	84	89.13	8.37
3	*5700.00	87.08 AV			4.00 V	84	78.71	8.37
4	#5725.00	53.45 PK	68.20	-14.75	1.47 V	7	44.96	8.49
5	11400.00	59.36 PK	74.00	-14.64	1.56 V	15	41.22	18.14
6	11400.00	45.60 AV	54.00	-8.40	1.56 V	15	27.46	18.14
7	#17100.00	59.36 PK	68.20	-8.84	1.54 V	78	34.59	24.77

REMARKS:

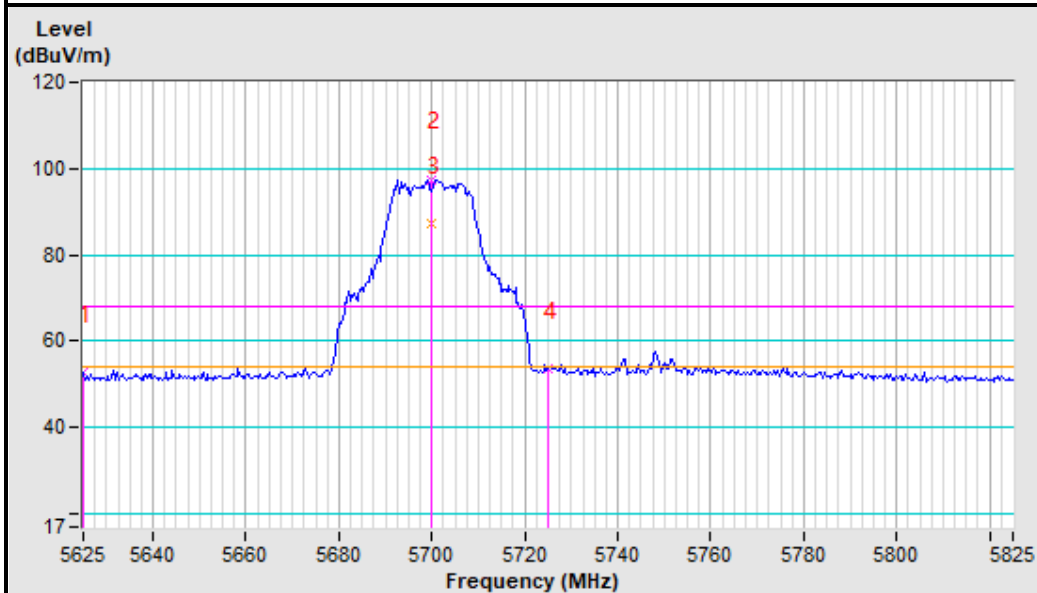
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5700MHz Horizontal



5700MHz Vertical



802.11n (40MHz)

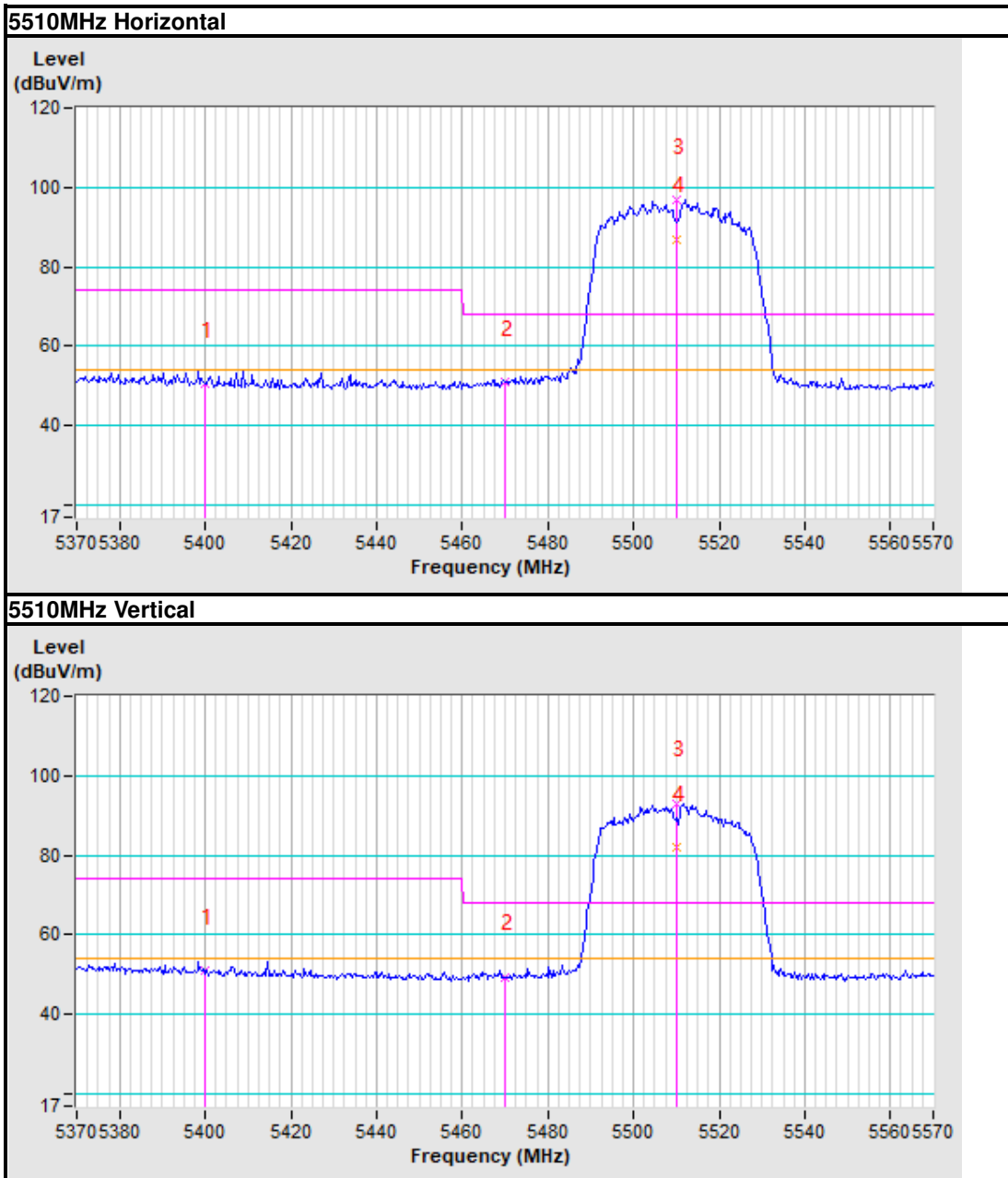
CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5400.00	50.62 PK	74.00	-23.38	2.35 H	65	43.26	7.36
2	5470.00	50.84 AV	54.00	-17.36	1.54 H	87	43.51	7.33
3	*5510.00	96.75 PK			1.56 H	48	89.38	7.37
4	*5510.00	86.86 AV			1.56 H	48	79.49	7.37
5	11020.00	59.56 PK	74.00	-14.44	1.54 H	360	41.72	17.84
6	11020.00	46.26 AV	54.00	-7.74	1.54 H	360	28.42	17.84
7	#16530.00	61.22 PK	68.20	-6.98	1.54 H	8	37.12	24.10
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	5400.00	50.86 PK	74.00	-23.14	1.54 V	89	43.50	7.36
2	5470.00	49.35 AV	54.00	-18.85	1.00 V	56	42.02	7.33
3	*5510.00	93.12 PK			1.56 V	48	85.75	7.37
4	*5510.00	81.99 AV			1.56 V	48	74.62	7.37
5	11020.00	59.26 PK	74.00	-14.74	4.00 V	65	41.42	17.84
6	11020.00	44.85 AV	54.00	-9.15	4.00 V	65	27.01	17.84
7	#16530.00	60.28 PK	68.20	-7.92	1.65 V	89	36.18	24.10

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



CHANNEL	TX Channel 110	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	5446.17	49.34 PK	74.00	-24.66	2.35 H	56	42.00	7.34
2	5470.00	49.42 AV	54.00	-18.78	3.68 H	89	42.09	7.33
3	*5550.00	94.86 PK			2.35 H	56	87.28	7.58
4	*5550.00	85.07 AV			2.35H	56	77.49	7.58
5	11100.00	58.65 PK	74.00	-15.35	2.35 H	56	40.74	17.91
6	11100.00	44.25 AV	54.00	-9.75	2.35 H	56	26.34	17.91
7	#16650.00	59.60 PK	68.20	-8.60	3.25 H	8	35.32	24.28
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	5446.17	49.18 PK	74.00	-24.82	2.35 V	84	41.84	7.34
2	5470.00	49.98 AV	54.00	-18.22	1.00 V	56	42.65	7.33
3	*5550.00	90.34 PK			3.25 V	15	82.76	7.58
4	*5550.00	80.95 AV			3.25 V	15	73.37	7.58
5	11100.00	59.65 PK	74.00	-14.35	4.00 V	48	41.74	17.91
6	11100.00	45.52 AV	54.00	-8.48	4.00 V	48	27.61	17.91
7	#16650.00	60.30 PK	68.20	-7.90	3.21 V	56	36.02	24.28

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

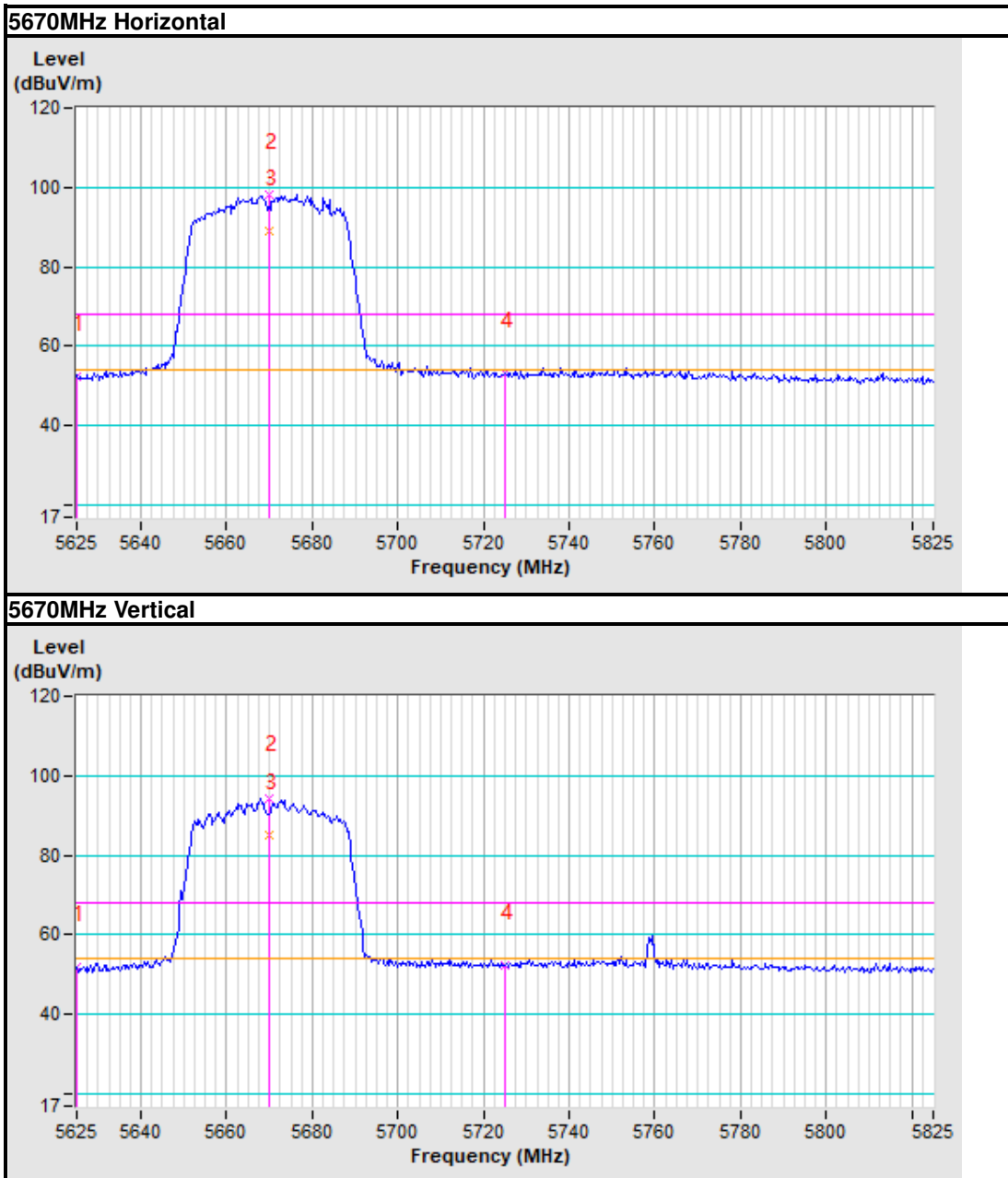
CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5625.00	52.14 PK	68.20	-16.06	1.54 H	8	44.16	7.98
2	*5670.00	98.11 PK			2.65 H	360	89.90	8.21
3	*5670.00	88.95 AV			2.65 H	360	80.74	8.21
4	#5725.00	53.24 PK	68.20	-14.96	2.35 H	68	44.75	8.49
5	11340.00	58.65 PK	74.00	-15.35	2.54 H	23	40.56	18.09
6	11340.00	45.89 AV	54.00	-8.11	2.54 H	23	27.80	18.09
7	#17010.00	59.30 PK	68.20	-8.90	1.00 H	89	34.48	24.82
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	#5625.00	51.88 PK	68.20	-16.32	3.25 V	56	43.90	7.98
2	*5670.00	94.33 PK			2.35 V	156	86.12	8.21
3	*5670.00	85.01 AV			2.35 V	156	76.80	8.21
4	#5725.00	52.17 PK	68.20	-16.03	1.68 V	89	43.68	8.49
5	11340.00	58.65 PK	74.00	-15.35	1.58 V	7	40.56	18.09
6	11340.00	45.58 AV	54.00	-8.42	1.58 V	7	27.49	18.09
7	#17010.00	60.55 PK	68.20	-7.65	2.35 V	156	35.73	24.82

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



802.11ac 80MHz

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

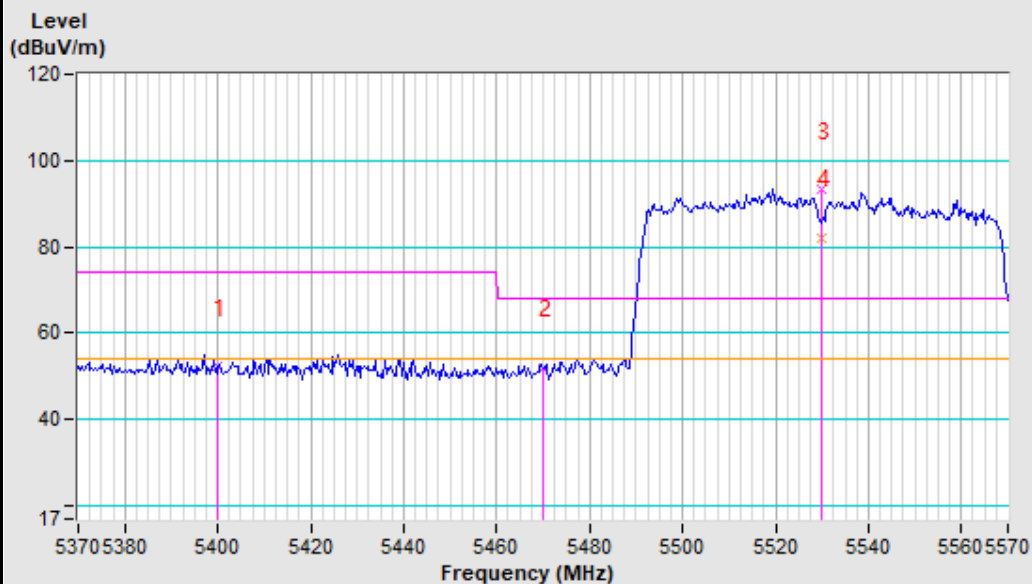
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5400.00	52.36 PK	74.00	-21.64	3.58 H	85	45.00	7.36
2	5470.00	52.06 AV	54.00	-16.14	3.54 H	45	44.73	7.33
3	*5530.00	93.29 PK			3.25 H	54	85.82	7.47
4	*5530.00	82.12 AV			3.25 H	54	74.65	7.47
5	11060.00	58.77 PK	74.00	-15.23	3.51 H	15	40.90	17.87
6	11060.00	45.29 AV	54.00	-8.71	3.51 H	15	27.42	17.87
7	#16590.00	61.87 PK	68.20	-6.33	3.33 H	14	37.68	24.19
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	5400.00	51.73 PK	74.00	-22.27	3.22 V	11	44.37	7.36
2	5470.00	49.79 AV	54.00	-18.41	3.12 V	5	42.46	7.33
3	*5530.00	89.96 PK			3.25 V	51	82.49	7.47
4	*5530.00	78.44 AV			3.25 V	51	70.97	7.47
5	11060.00	57.14 PK	74.00	-16.86	3.58 V	78	39.27	17.87
6	11060.00	44.20 AV	54.00	-9.80	3.58 V	78	26.33	17.87
7	#16590.00	58.21 PK	68.20	-9.99	1.51 V	6	34.02	24.19

REMARKS:

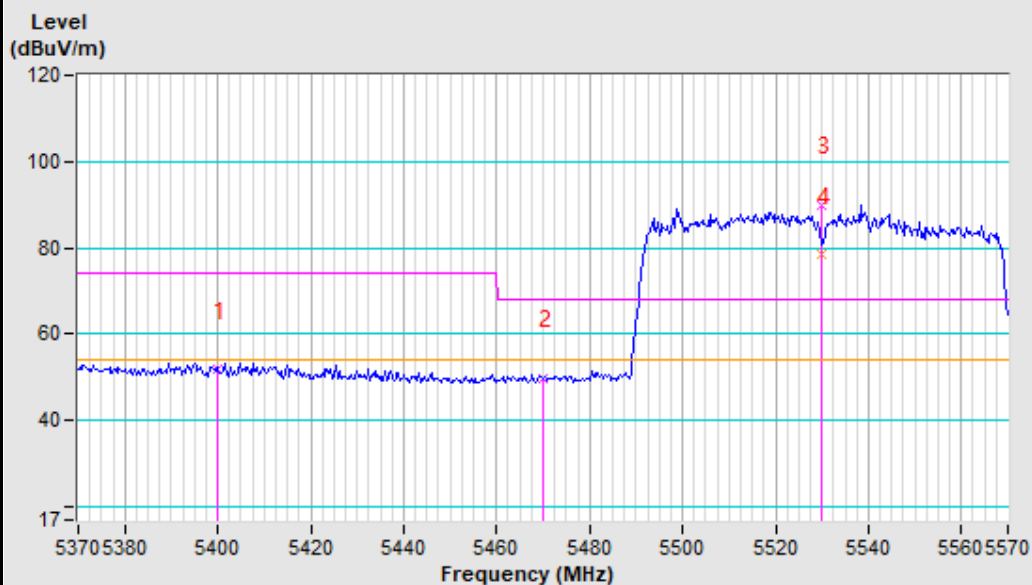
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5530MHz Horizontal



5530MHz Vertical



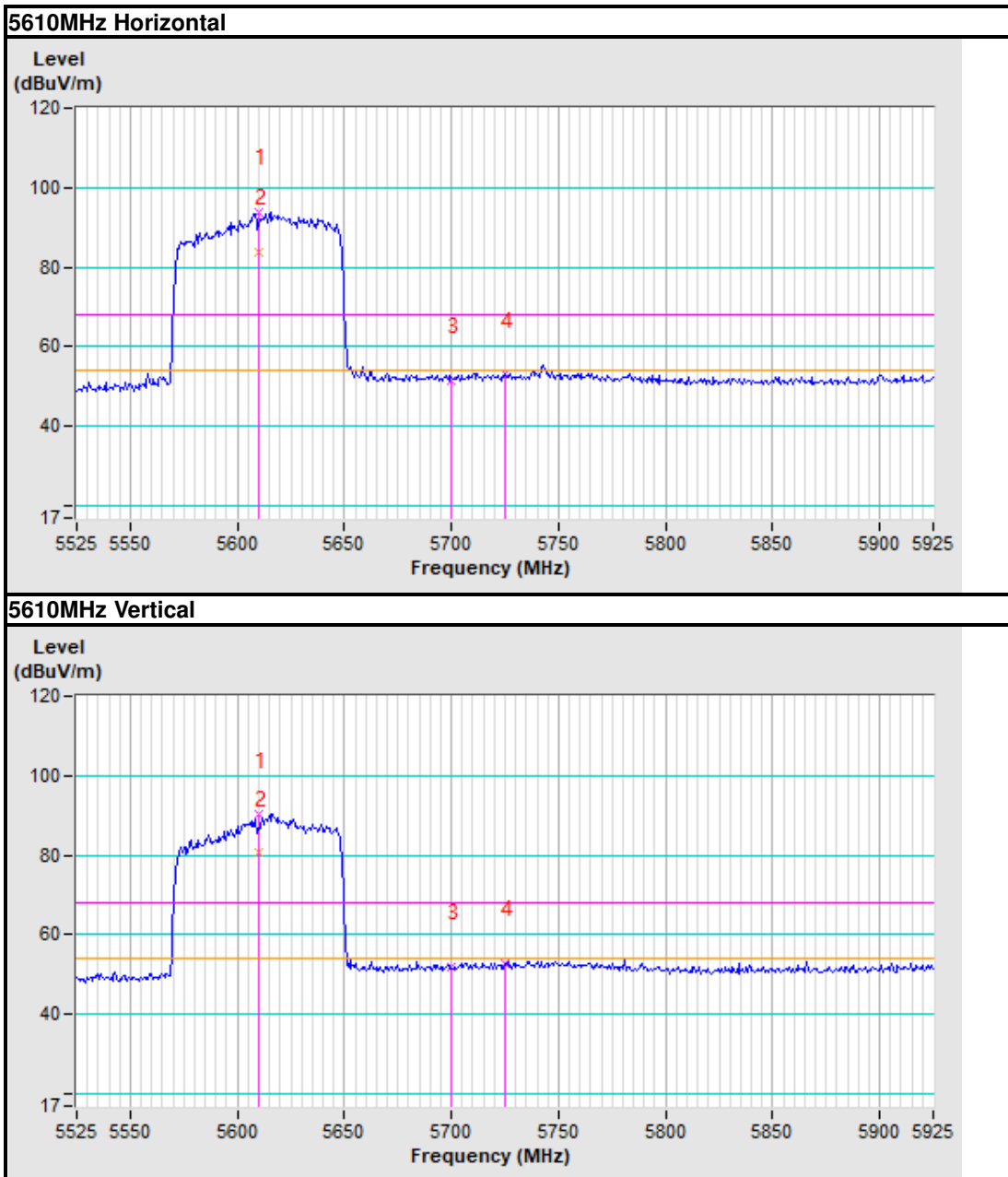
CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	94.03 PK			1.56 H	56	86.13	7.90
2	#5610.00	83.81 AV			1.56 H	56	75.91	7.90
3	#5700.00	51.59 PK	68.20	-16.61	3.53 H	15	43.22	8.37
4	#5725.00	53.06 PK	68.20	-15.14	3.87 H	78	44.57	8.49
5	11220.00	59.91 PK	74.00	-14.09	1.57 H	78	41.91	18.00
6	11220.00	46.88 AV	54.00	-7.12	1.57 H	78	28.88	18.00
7	#16830.00	61.66 PK	68.20	-6.54	3.35 H	57	37.10	24.56
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	90.19 PK			3.25 V	15	82.29	7.90
2	#5610.00	80.68 AV			3.25 V	15	72.78	7.90
3	#5700.00	52.12 PK	68.20	-16.08	1.47 V	89	43.75	8.37
4	#5725.00	52.94 PK	68.20	-15.26	1.00 V	56	44.45	8.49
5	11220.00	58.25 PK	74.00	-15.75	3.53 V	3	40.25	18.00
6	11220.00	45.11 AV	54.00	-8.89	3.53 V	3	27.11	18.00
7	#16830.00	60.55 PK	68.20	-7.65	2.22 V	11	35.99	24.56

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



802.11ax (20MHz)

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

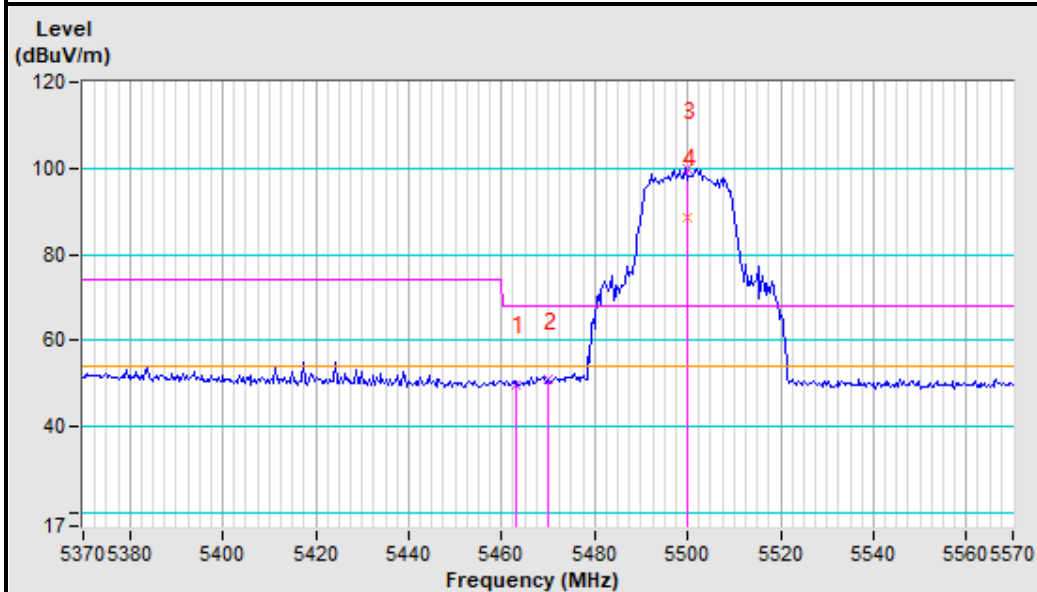
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5462.94	49.94 PK	68.20	-18.26	1.78 H	38	42.60	7.34
2	#5470.00	51.06 PK	68.20	-17.14	2.51 H	14	43.73	7.33
3	*5500.00	99.85 PK			2.87 H	158	92.53	7.32
4	*5500.00	88.60 AV			2.87 H	158	81.28	7.32
5	11000.00	61.25 PK	74.00	-12.75	1.58 H	56	43.42	17.83
6	11000.00	45.21 AV	54.00	-8.79	1.58 H	56	27.38	17.83
7	#16500.00	61.12 PK	68.20	-7.08	2.15 H	5	37.07	24.05
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	#5462.94	49.45 PK	68.20	-18.75	1.22 V	25	42.11	7.34
2	#5470.00	49.36 PK	68.20	-18.84	3.57 V	74	42.03	7.33
3	*5500.00	96.19 PK			3.14 V	48	88.87	7.32
4	*5500.00	85.03 AV			3.14 V	48	77.71	7.32
5	11000.00	58.57 PK	74.00	-15.43	1.11 V	24	40.74	17.83
6	11000.00	46.84 AV	54.00	-7.16	1.11 V	24	29.01	17.83
7	#16500.00	58.85 PK	68.20	-9.35	3.57 V	48	34.80	24.05

REMARKS:

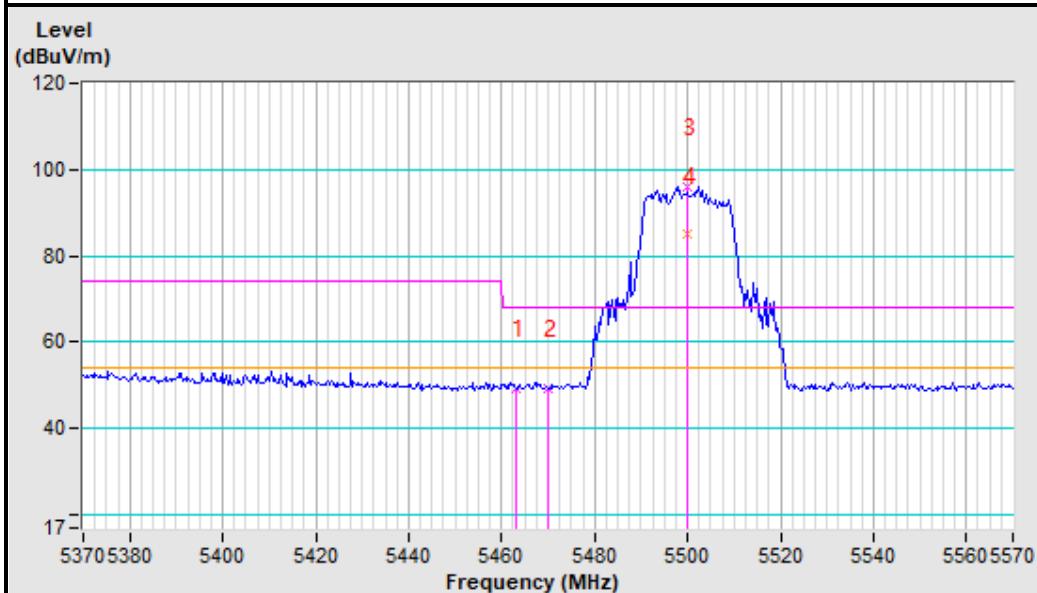
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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)
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	*5580.00	96.80 PK			1.57 H	78	89.06	7.74
2	*5580.00	86.03 AV			1.57 H	78	78.29	7.74
3	#5740.00	52.90 PK	68.20	-15.30	3.25 H	48	44.32	8.58
4	11160.00	60.56 PK	74.00	-13.44	4.00 H	360	42.60	17.96
5	11160.00	45.21 AV	54.00	-8.79	4.00 H	360	27.25	17.96
6	#16740.00	60.51 PK	68.20	-7.69	1.54 H	7	36.09	24.42
ANTENNA POLARITY & TEST DISTANCE : VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5580.00	93.41 PK			3.21 V	58	85.67	7.74
2	*5580.00	83.57 AV			3.21 V	58	75.83	7.74
3	#5740.00	52.52 PK	68.20	-15.68	1.47 V	85	43.94	8.58
4	11160.00	58.74 PK	74.00	-15.26	1.54 V	89	40.78	17.96
5	11160.00	45.11 AV	54.00	-8.89	1.54 V	89	27.15	17.96
6	#16740.00	61.21 PK	68.20	-6.99	1.54 V	74	36.79	24.42

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

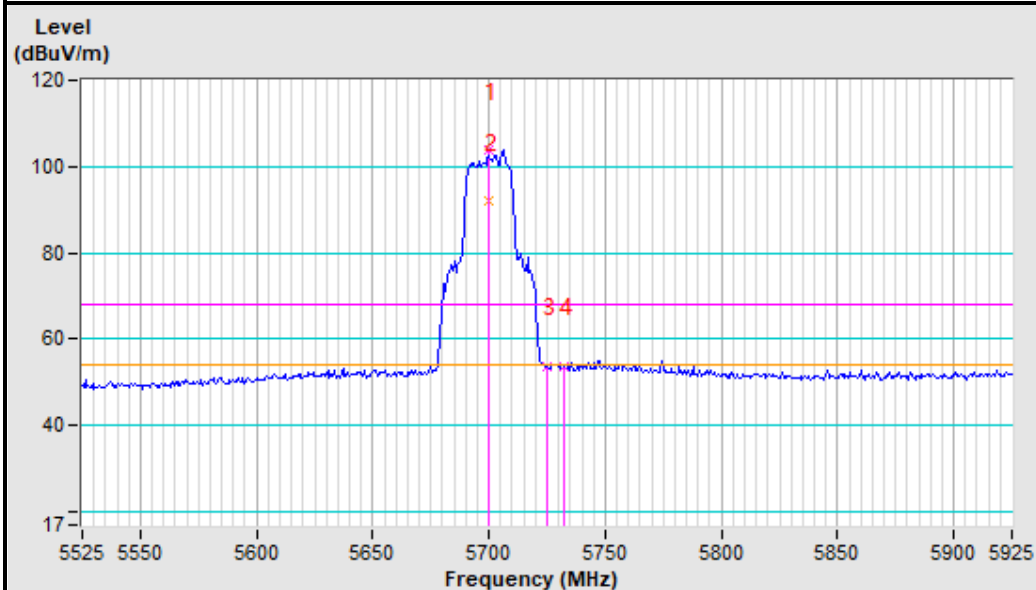
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	103.83 PK			4.00 H	48	95.46	8.37
2	*5700.00	92.02 AV			4.00 H	48	83.65	8.37
3	#5725.00	53.82 PK	68.20	-14.38	1.54 H	78	45.33	8.49
4	#5732.69	53.86 PK	68.20	-14.34	3.68 H	48	45.32	8.54
5	11400.00	61.56 PK	74.00	-12.44	4.00 H	360	43.42	18.14
6	11400.00	46.57 AV	54.00	-7.43	4.00 H	360	28.43	18.14
7	#17100.00	61.57 PK	68.20	-6.63	1.35 H	18	36.80	24.77
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	99.51 PK			3.15 V	125	91.14	8.37
2	*5700.00	86.83 AV			3.15 V	125	78.46	8.37
3	#5725.00	53.02 PK	68.20	-15.18	1.58 V	89	44.53	8.49
4	#5732.69	52.57 PK	68.20	-15.63	4.00 V	84	44.03	8.54
5	11400.00	57.15 PK	74.00	-16.85	3.14 V	48	39.01	18.14
6	11400.00	45.15 AV	54.00	-8.85	3.14 V	48	27.01	18.14
7	#17100.00	60.38 PK	68.20	-7.82	2.35 V	48	35.61	24.77

REMARKS:

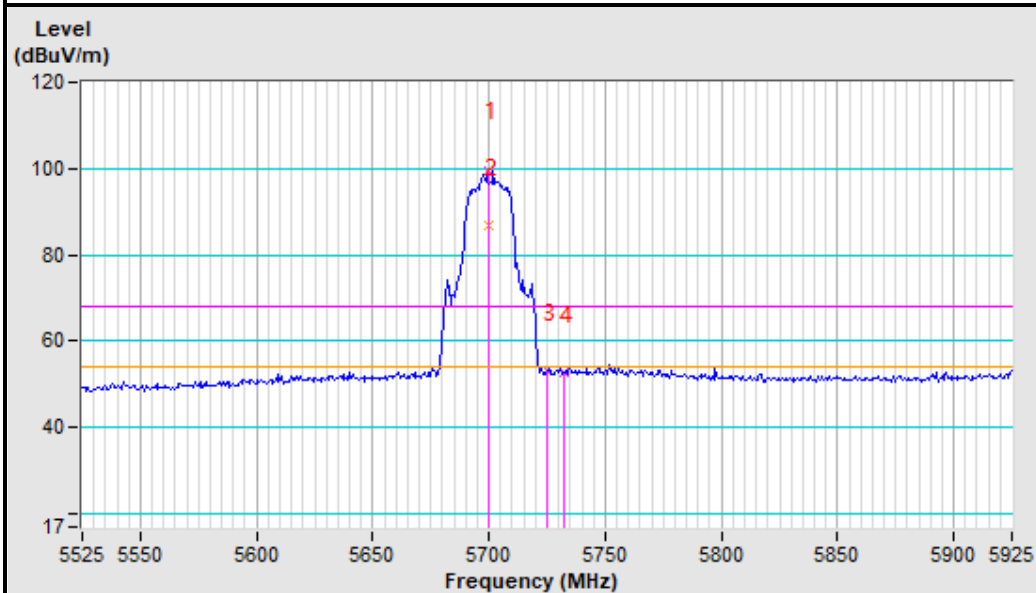
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5700MHz Horizontal



5700MHz Vertical



802.11ax (40MHz)

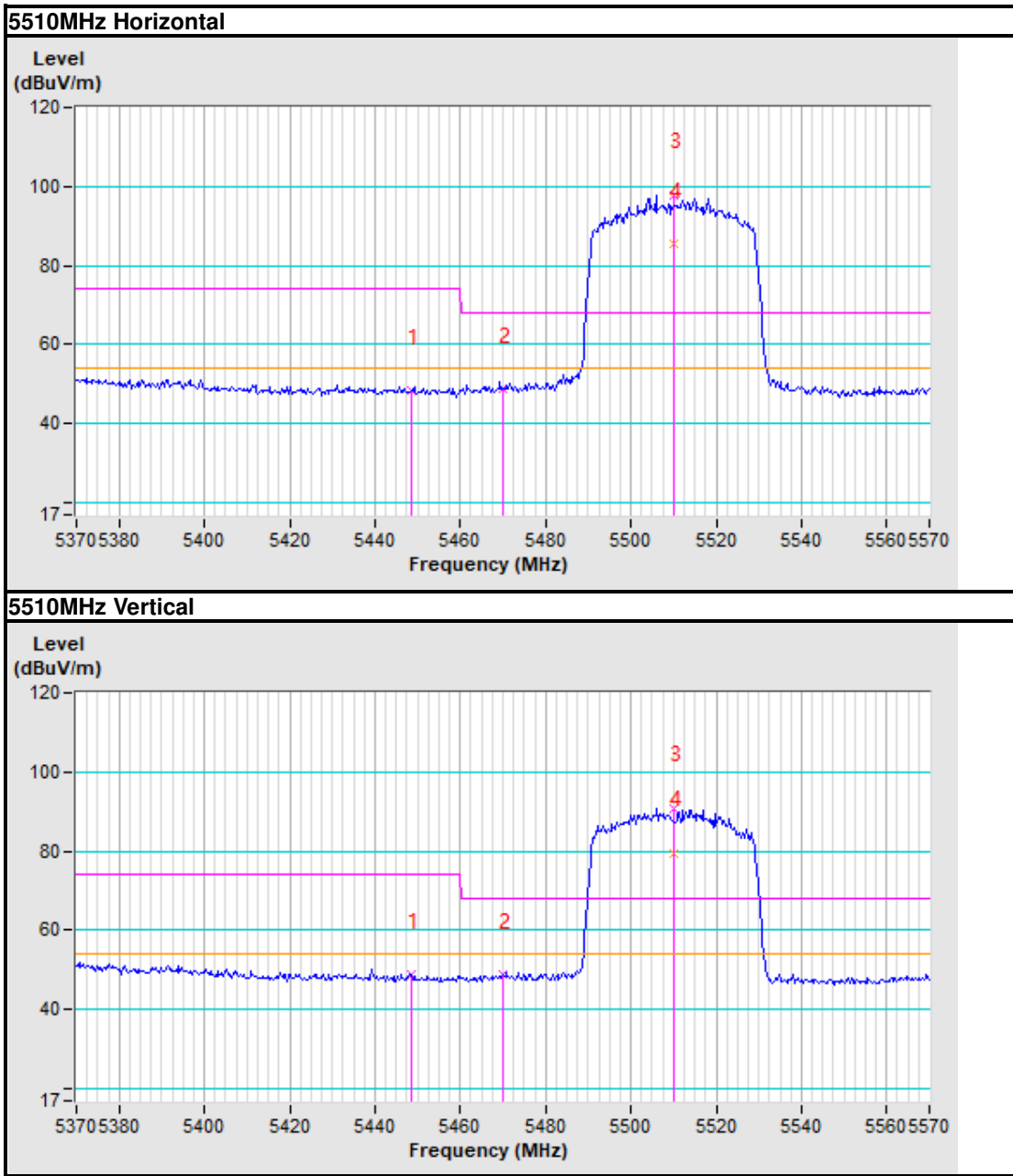
CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5448.52	48.30 PK	74.00	-25.70	4.00 H	65	40.96	7.34
2	5470.00	48.67 AV	54.00	-19.53	1.54 H	78	41.34	7.33
3	*5510.00	97.78 PK			2.48 H	32	90.41	7.37
4	*5510.00	85.48 AV			2.48 H	32	78.11	7.37
5	11020.00	58.43 PK	74.00	-15.57	3.45 H	15	40.59	17.84
6	11020.00	46.29 AV	54.00	-7.71	3.45 H	15	28.45	17.84
7	#16530.00	61.29 PK	68.20	-6.91	1.56 H	48	37.19	24.10
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	5448.52	48.75 PK	74.00	-25.25	2.35 V	15	41.41	7.34
2	5470.00	48.70 AV	54.00	-19.50	3.25 V	56	41.37	7.33
3	*5510.00	90.94 PK			2.65 V	325	83.57	7.37
4	*5510.00	79.49 AV			2.65 V	325	72.12	7.37
5	11020.00	59.73 PK	74.00	-14.27	1.58 V	256	41.89	17.84
6	11020.00	44.84 AV	54.00	-9.16	1.58 V	256	27.00	17.84
7	#16530.00	60.83 PK	68.20	-7.37	1.57 V	89	36.73	24.10

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



CHANNEL	TX Channel 110	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	5447.63	48.61 PK	74.00	-25.39	2.35 H	84	41.27	7.34
2	5470.00	49.63 AV	54.00	-18.57	3.25 H	360	42.30	7.33
3	*5550.00	98.04 PK			1.54 H	231	90.46	7.58
4	*5550.00	86.86 AV			1.54 H	231	79.28	7.58
5	11100.00	60.89 PK	74.00	-13.11	4.00 H	48	42.98	17.91
6	11100.00	46.32 AV	54.00	-7.68	4.00 H	48	28.41	17.91
7	#16650.00	61.93 PK	68.20	-6.27	3.25 H	56	37.65	24.28
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	5447.63	48.76 PK	74.00	-25.24	1.54 V	78	41.42	7.34
2	5470.00	47.94 AV	54.00	-20.26	1.54 V	89	40.61	7.33
3	*5550.00	89.89 PK			4.00 V	48	82.31	7.58
4	*5550.00	79.02 AV			4.00 V	48	71.44	7.58
5	11100.00	59.15 PK	74.00	-14.85	4.00 V	48	41.24	17.91
6	11100.00	44.25 AV	54.00	-9.75	4.00 V	48	26.34	17.91
7	#16650.00	60.51 PK	68.20	-7.69	4.00 V	89	36.23	24.28

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

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

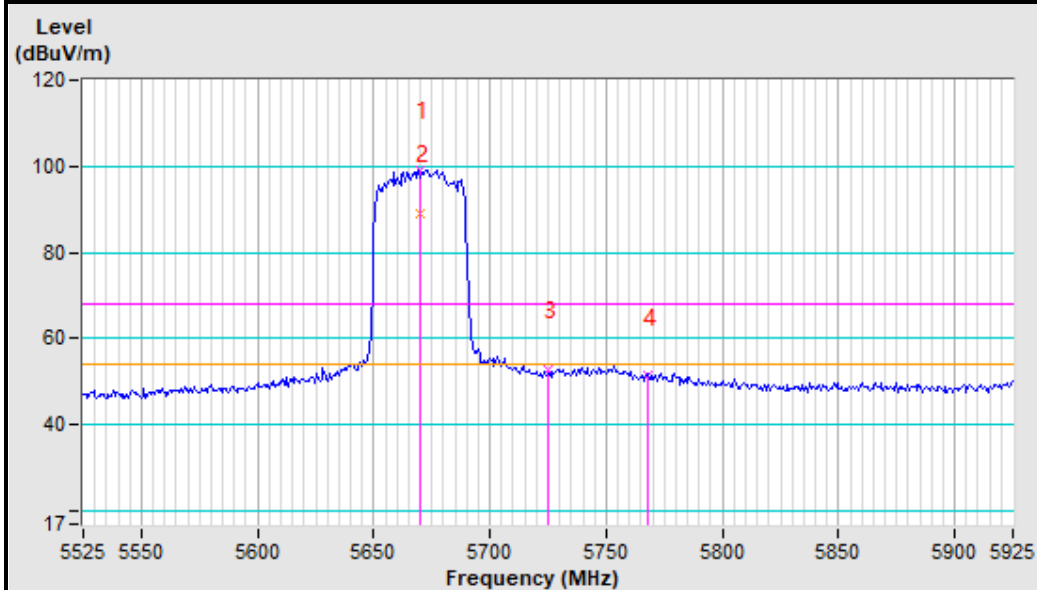
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5670.00	99.26 PK			1.54 H	89	91.05	8.21
2	*5670.00	89.15 AV			1.54 H	89	80.94	8.21
3	#5725.00	52.94 PK	68.20	-15.26	1.64 H	48	44.45	8.49
4	#5767.94	51.31 PK	68.20	-16.89	4.00 H	8	42.58	8.73
5	11100.00	60.89 PK	74.00	-13.11	4.00 H	48	42.98	17.91
6	11100.00	46.87 AV	54.00	-7.13	4.00 H	48	28.96	17.91
7	#17010.00	61.54 PK	68.20	-6.66	2.54 H	15	36.72	24.82
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	94.47 PK			4.00 V	48	86.26	8.21
2	*5670.00	83.80 AV			4.00 V	48	75.59	8.21
3	#5725.00	51.17 PK	68.20	-17.03	4.00 V	89	42.68	8.49
4	#5767.94	50.84 PK	68.20	-17.36	3.25 V	48	42.11	8.73
5	11340.00	59.57 PK	74.00	-14.43	1.84 V	48	41.48	18.09
6	11340.00	44.15 AV	54.00	-9.85	1.84 V	48	26.06	18.09
7	#17010.00	60.58 PK	68.20	-7.62	2.35 V	48	35.76	24.82

REMARKS:

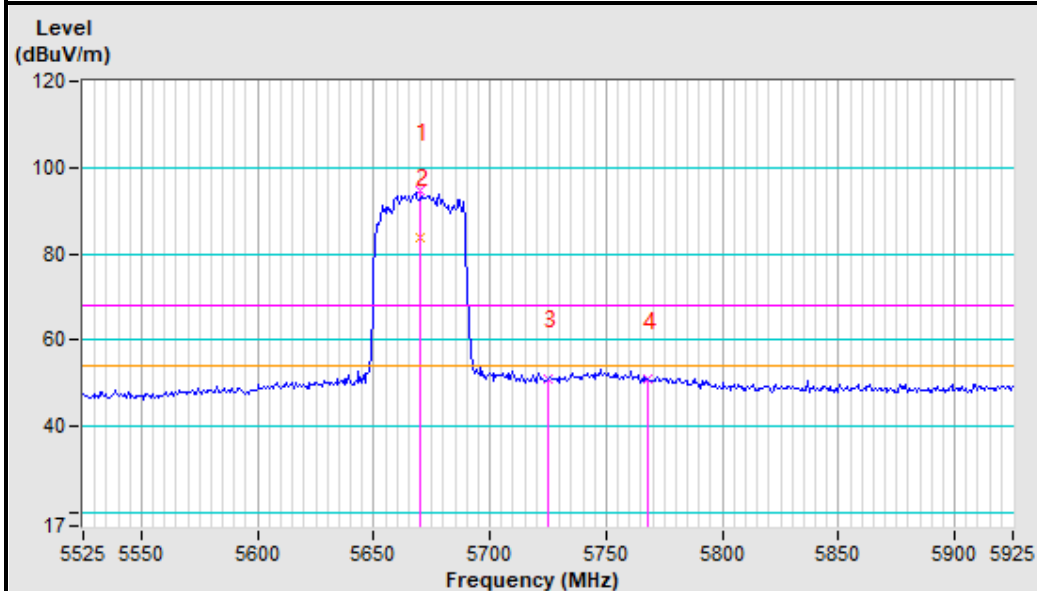
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5670MHz Horizontal



5670MHz Vertical



802.11ax (80MHz)

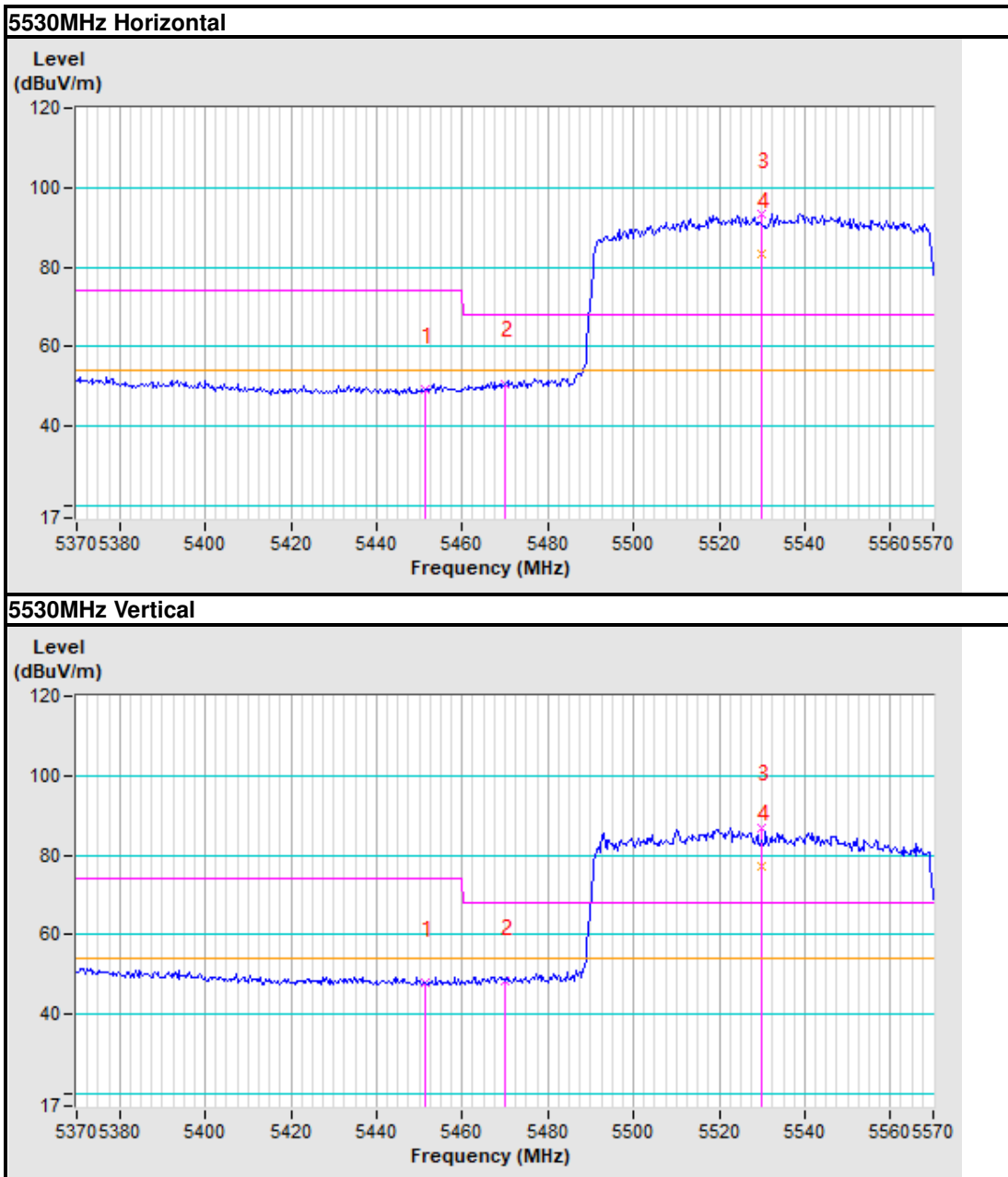
CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5451.41	49.16 PK	74.00	-24.84	1.54 H	48	41.83	7.33
2	5470.00	50.82 AV	54.00	-17.38	4.00 H	6	43.49	7.33
3	*5530.00	93.18 PK			2.54 H	48	85.71	7.47
4	*5530.00	83.30 AV			2.54 H	48	75.83	7.47
5	11060.00	61.57 PK	74.00	-12.43	1.54 H	89	43.70	17.87
6	11060.00	45.71 AV	54.00	-8.29	1.54 H	89	27.84	17.87
7	#16590.00	62.18 PK	68.20	-6.02	4.00 H	48	37.99	24.19
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	5451.41	47.88 PK	74.00	-26.12	4.00 V	78	40.55	7.33
2	5470.00	48.39 AV	54.00	-19.81	1.00 V	48	41.06	7.33
3	*5530.00	86.86 PK			3.15 V	56	79.39	7.47
4	*5530.00	77.06 AV			3.15 V	56	69.59	7.47
5	11060.00	59.56 PK	74.00	-14.44	4.00 V	360	41.69	17.87
6	11060.00	45.15 AV	54.00	-8.85	4.00 V	360	27.28	17.87
7	#16590.00	61.16 PK	68.20	-7.04	4.00 V	48	36.97	24.19

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



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

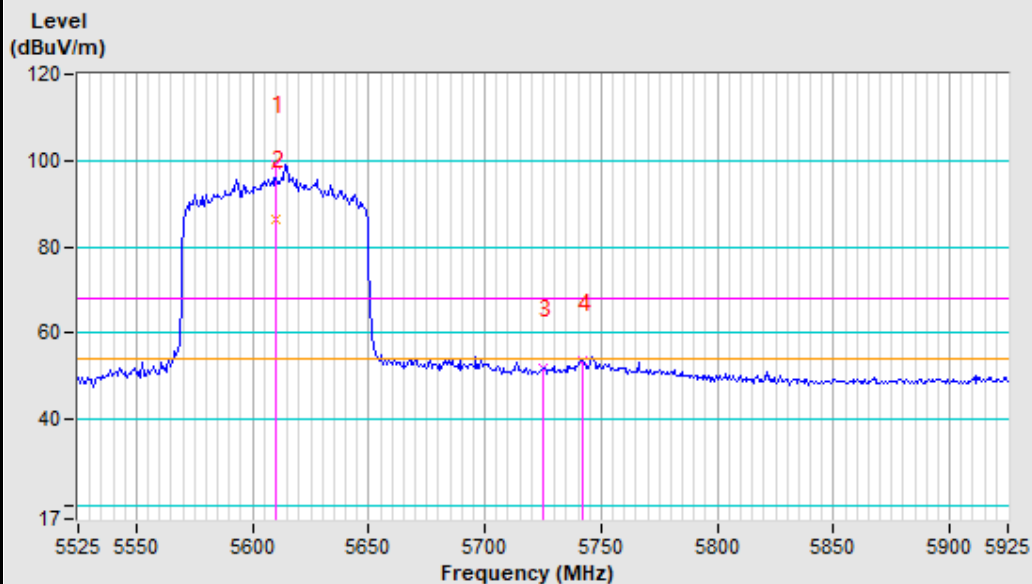
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5610.00	99.25 PK			1.56 H	48	91.35	7.90
2	*5610.00	86.60 AV			1.56 H	48	78.70	7.90
3	#5725.00	52.07 PK	68.20	-16.13	3.21 H	156	43.58	8.49
4	#5742.30	53.49 PK	68.20	-14.71	1.54 H	48	44.90	8.59
5	11220.00	61.15 PK	74.00	-12.85	1.56 H	48	43.15	18.00
6	11220.00	45.57 AV	54.00	-8.43	1.56 H	48	27.57	18.00
7	#16830.00	61.47 PK	68.20	-6.73	2.48 H	89	36.91	24.56
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	90.77 PK			2.14 V	48	82.87	7.90
2	*5610.00	79.99 AV			2.14 V	48	72.09	7.90
3	#5725.00	50.53 PK	68.20	-17.67	1.56 V	48	42.04	8.49
4	#5746.78	56.09 PK	68.20	-12.11	1.57 V	360	47.47	8.62
5	11220.00	59.15 PK	74.00	-14.85	1.00 V	48	41.15	18.00
6	11220.00	44.15 AV	54.00	-9.85	1.00 V	48	26.15	18.00
7	#16830.00	60.15 PK	68.20	-8.05	4.00 V	265	35.59	24.56

REMARKS:

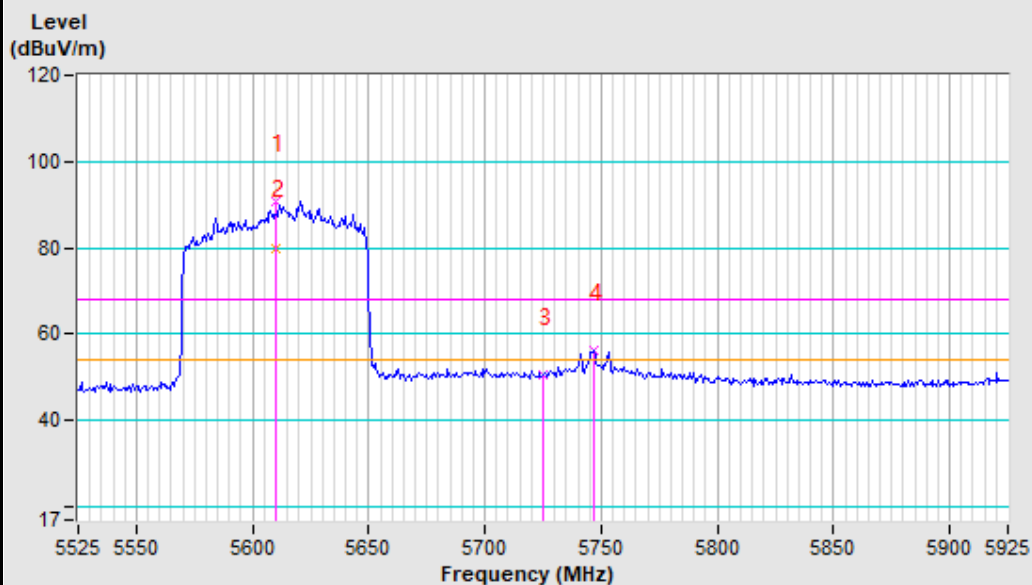
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

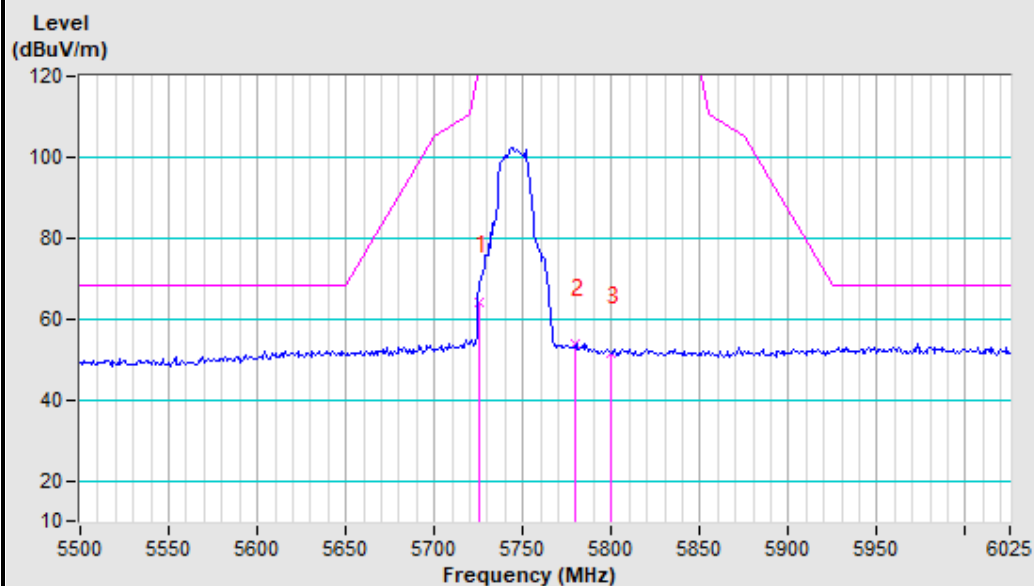
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	64.30 PK	122.20	-57.90	2.14 H	354	55.81	8.49
2	*5745.00	102.22 PK			3.15 H	45	93.62	8.60
3	*5745.00	93.18 AV			3.15 H	45	84.58	8.60
4	#5780.00	53.59 PK	152.20	-98.61	1.56 H	360	44.81	8.78
5	#5800.00	51.56 PK	152.20	-100.64	3.48 H	16	42.67	8.89
6	11490.00	41.31 PK	74.00	-32.69	4.00 H	78	23.10	18.21
7	11490.00	30.26 AV	54.00	-23.74	4.00 H	78	12.05	18.21
8	#17235.00	40.62 PK	68.20	-27.58	2.54 H	78	15.92	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	#5725.00	61.19 PK	122.20	-61.01	1.56 V	231	52.70	8.49
2	*5745.00	99.97 PK			2.64 V	48	91.37	8.60
3	*5745.00	89.13 AV			2.64 V	48	80.53	8.60
4	#5780.00	53.49 PK	152.20	-98.71	3.51 V	165	44.71	8.78
5	#5800.00	52.73 PK	152.20	-99.47	2.48 V	161	43.84	8.89
6	11490.00	39.84 PK	74.00	-34.16	1.54 V	78	21.63	18.21
7	11490.00	32.98 AV	54.00	-21.02	1.54 V	78	14.77	18.21
8	#17235.00	43.89 PK	68.20	-24.31	2.31 V	15	19.19	24.70

REMARKS:

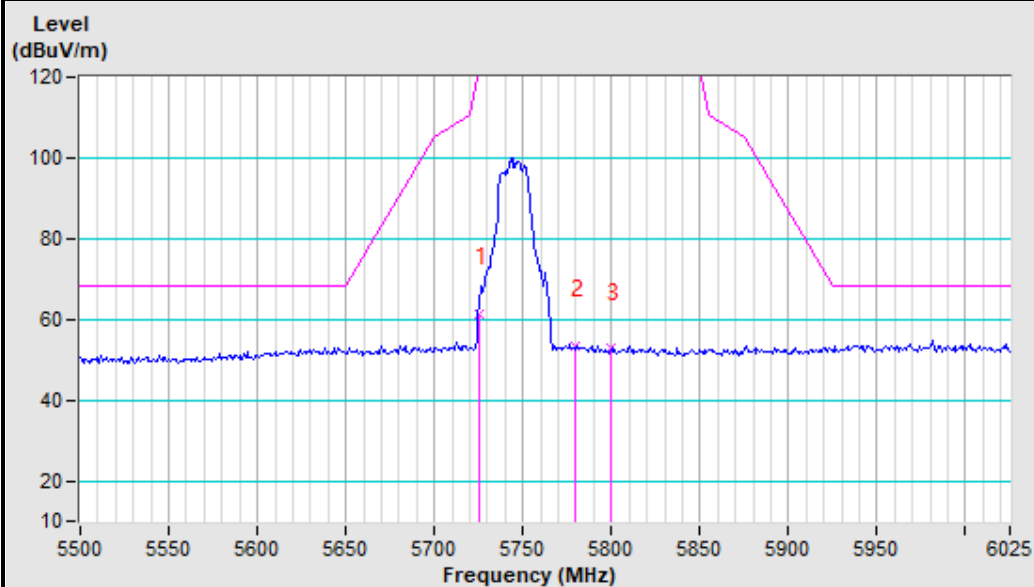
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5745MHz Horizontal



5745MHz Vertical



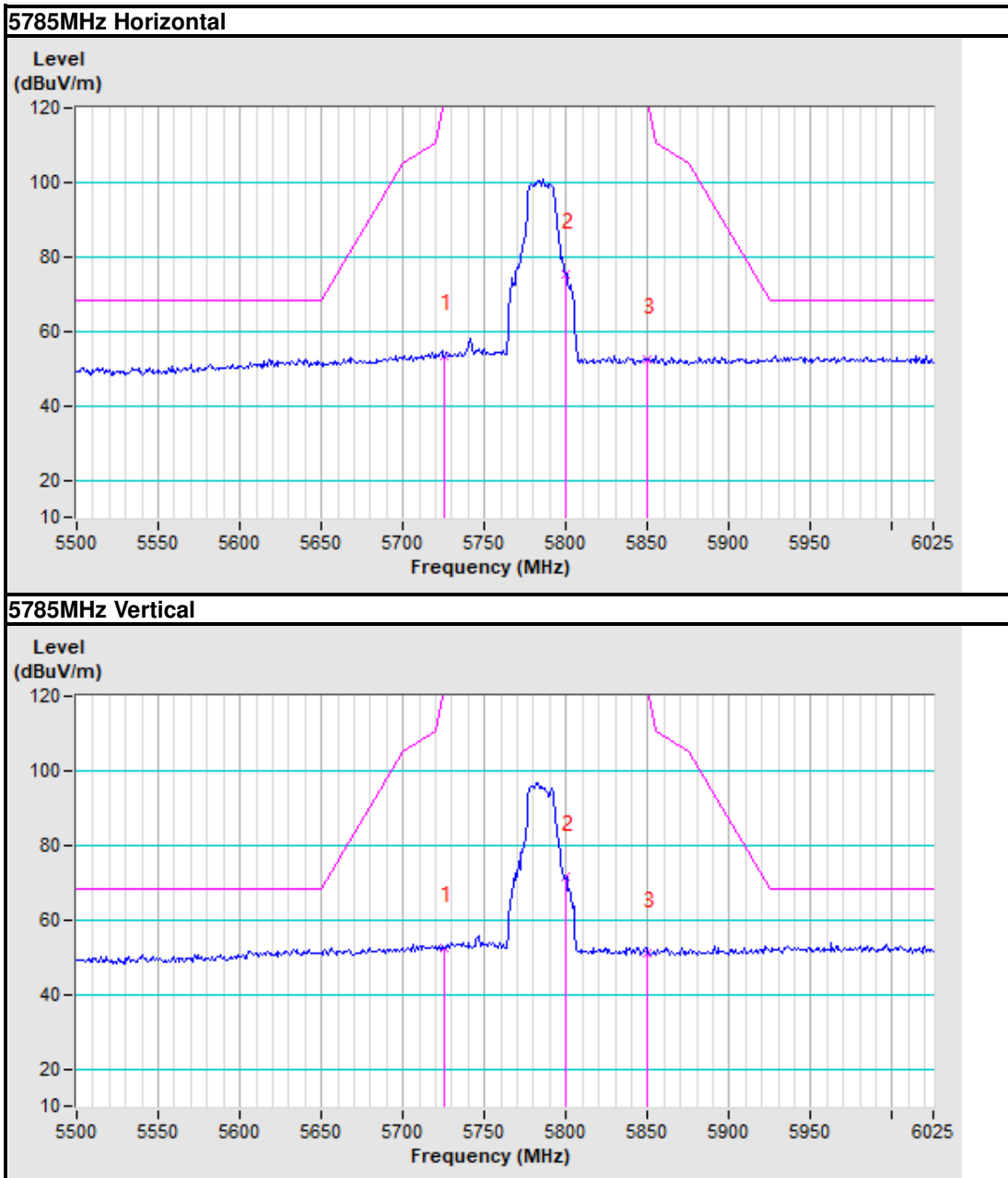
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5725.00	53.37 PK	122.20	-68.83	2.56 H	156	44.88	8.49
2	*5785.00	100.72 PK			3.54 H	45	91.91	8.81
3	*5785.00	90.43 AV			3.54 H	45	81.62	8.81
4	#5800.00	75.33 PK	152.20	-76.87	1.54 H	156	66.44	8.89
5	#5850.00	52.50 PK	122.20	-69.70	4.00 H	146	43.35	9.15
6	11570.00	41.16 PK	74.00	-32.84	1.57 H	89	22.91	18.25
7	11570.00	30.45 AV	54.00	-23.55	1.57 H	89	12.20	18.25
8	#17355.00	39.86 PK	68.20	-28.34	2.35 H	48	15.21	24.65
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	#5725.00	52.52 PK	122.20	-69.68	2.56 V	360	44.03	8.49
2	*5785.00	96.71 PK			4.00 V	56	87.90	8.81
3	*5785.00	85.88 AV			4.00 V	56	77.07	8.81
4	#5800.00	71.53 PK	152.20	-80.67	3.25 V	15	62.64	8.89
5	#5850.00	50.99 PK	122.20	-71.21	3.54 V	15	41.84	9.15
6	11570.00	43.21 PK	74.00	-30.79	4.00 V	360	24.96	18.25
7	11570.00	30.12 AV	54.00	-23.88	4.00 V	360	11.87	18.25
8	#17355.00	42.83 PK	68.20	-25.37	1.65 V	360	18.18	24.65

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



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

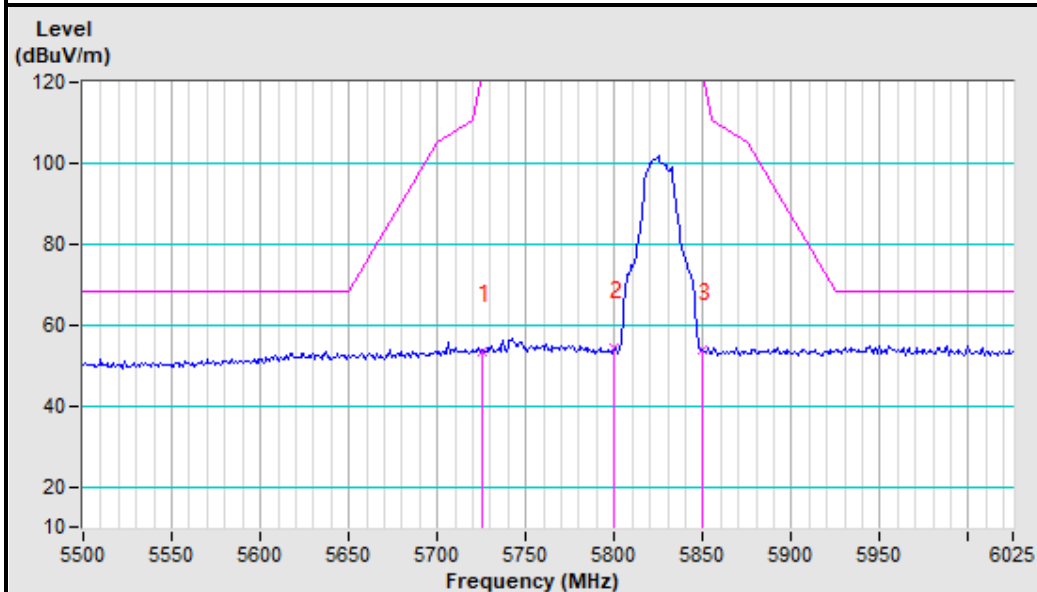
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	53.37 PK	122.20	-68.83	2.56 H	156	44.88	8.49
2	#5725.00	53.58 PK	122.20	-68.62	1.00 H	5	45.09	8.49
3	#5800.00	75.33 PK	152.20	-76.87	1.54 H	156	66.44	8.89
4	#5800.00	54.40 PK	152.20	-97.80	2.58 H	165	45.51	8.89
5	#5850.00	52.50 PK	122.20	-69.70	4.00 H	146	43.35	9.15
6	#5850.00	53.95 PK	122.20	-68.25	2.54 H	123	44.80	9.15
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	#5725.00	53.38 PK	122.20	-68.82	1.54 V	47	44.89	8.49
2	#5800.00	52.77 PK	152.20	-99.43	1.47 V	85	43.88	8.89
3	*5825.00	94.99 PK			1.54 V	78	85.96	9.03
4	*5825.00	85.30 AV			1.54 V	78	76.27	9.03
5	#5850.00	51.76 PK	122.20	-70.44	2.54 V	360	42.61	9.15
6	11650.00	44.76 PK	74.00	-29.24	4.00 V	48	26.48	18.28
7	11650.00	32.98 AV	54.00	-21.02	4.00 V	48	14.70	18.28
8	#17475.00	44.61 PK	68.20	-23.59	1.23 V	56	20.03	24.58

REMARKS:

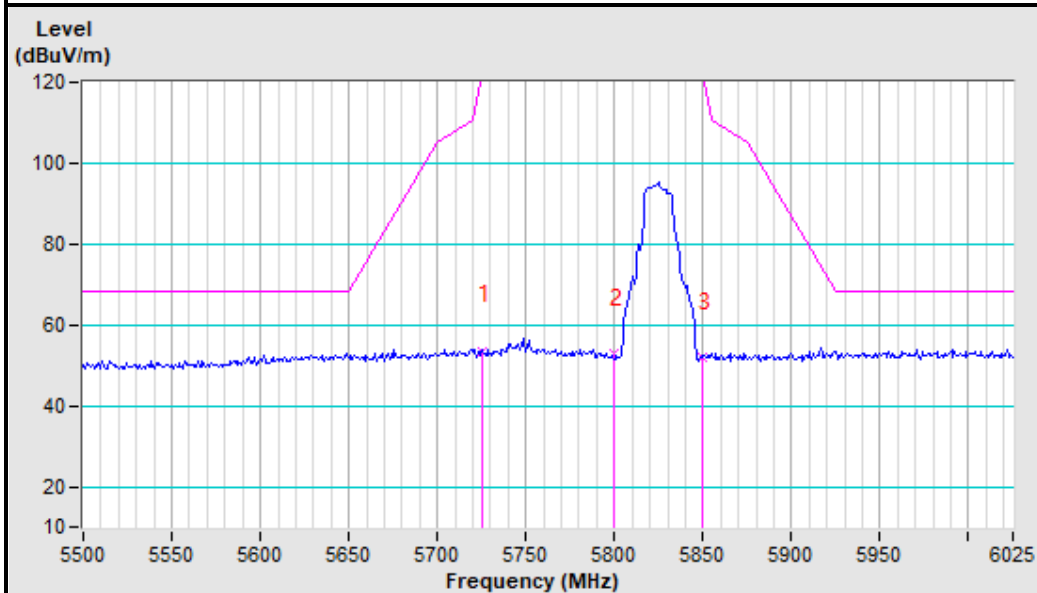
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5825MHz Horizontal



5825MHz Vertical



802.11n (20MHz)

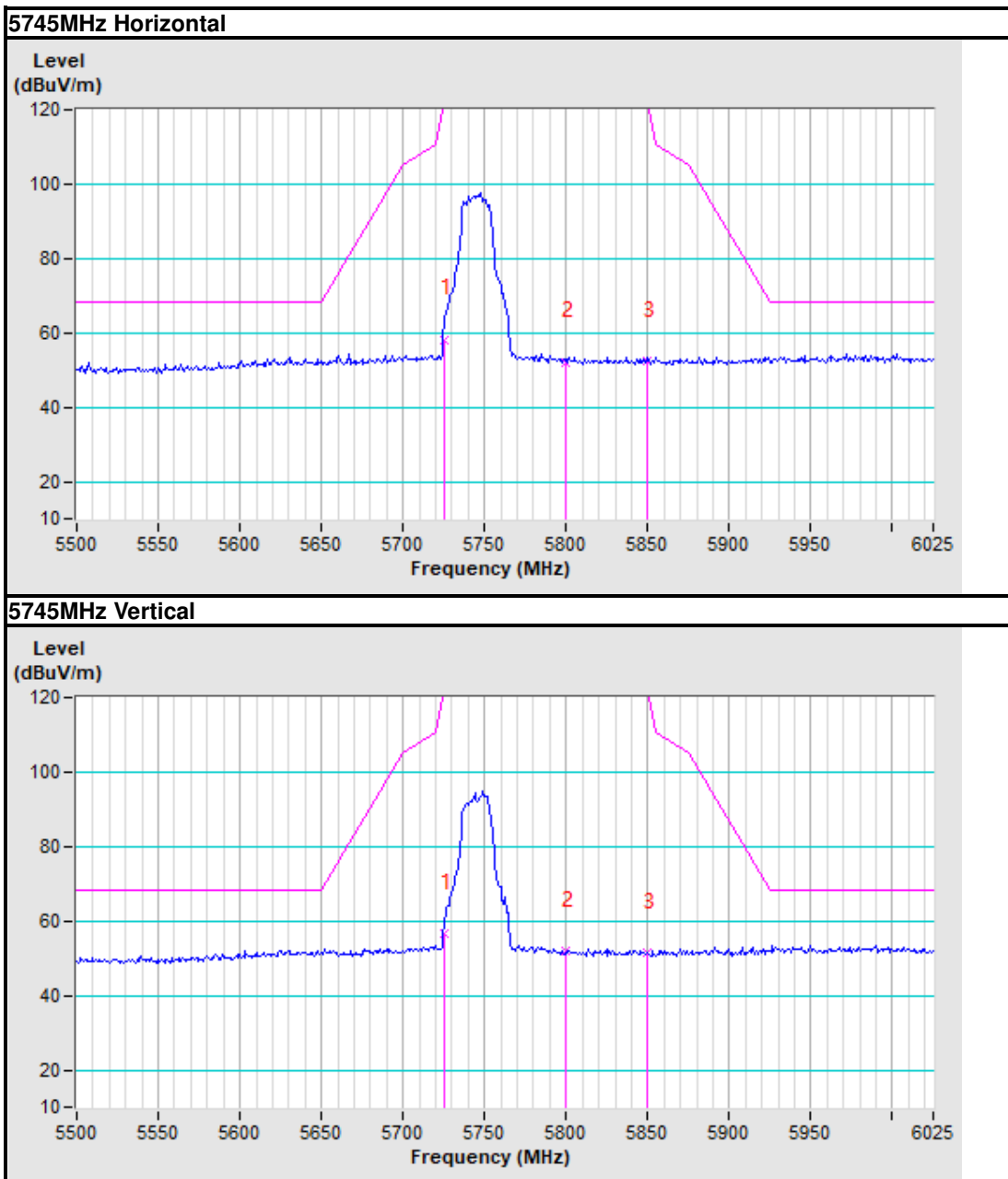
CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5725.00	58.16 PK	122.20	-64.04	3.15 H	58	49.67	8.49
2	*5745.00	97.77 PK			1.56 H	89	89.17	8.60
3	*5745.00	87.09 AV			1.56 H	89	78.49	8.60
4	#5800.00	52.17 PK	152.20	-100.03	2.35 H	89	43.28	8.89
5	#5850.00	52.24 PK	122.20	-69.96	1.54 H	78	43.09	9.15
6	11490.00	42.59 PK	74.00	-31.41	1.54 H	89	24.38	18.21
7	11490.00	33.03 AV	54.00	-20.97	1.54 H	89	14.82	18.21
8	#17235.00	44.72 PK	68.20	-23.48	1.56 H	8	20.02	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	#5725.00	56.42 PK	122.20	-65.78	2.48 V	325	47.93	8.49
2	*5745.00	94.75 PK			2.51 V	48	86.15	8.60
3	*5745.00	83.94 AV			2.51 V	48	75.34	8.60
4	#5800.00	51.74 PK	152.20	-100.46	3.58 V	168	42.85	8.89
5	#5850.00	51.26 PK	122.20	-70.94	1.47 V	32	42.11	9.15
6	11490.00	43.63 PK	74.00	-30.37	1.56 V	89	25.42	18.21
7	11490.00	30.60 AV	54.00	-23.40	1.56 V	89	12.39	18.21
8	#17235.00	43.31 PK	68.20	-24.89	2.58 V	83	18.61	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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



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

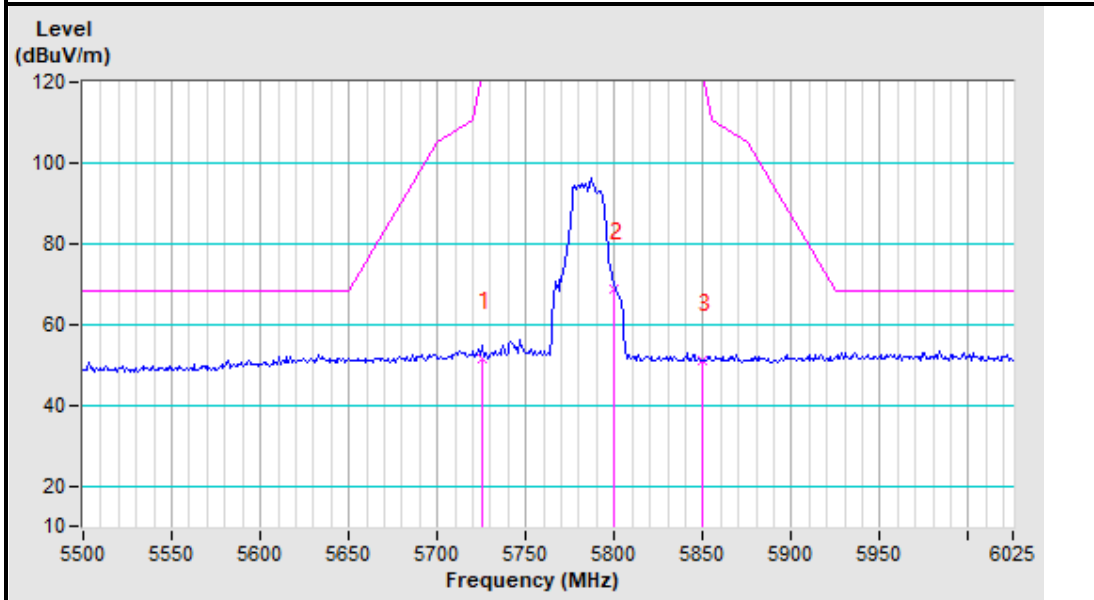
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	51.63 PK	122.20	-70.57	2.14 H	48	43.14	8.49
2	*5785.00	96.02 PK			2.44 H	8	87.21	8.81
3	*5785.00	86.64 AV			2.44 H	8	77.83	8.81
4	#5800.00	68.81 PK	152.20	-83.39	1.54 H	78	59.92	8.89
5	#5850.00	51.04 PK	122.20	-71.16	1.74 H	45	41.89	9.15
6	11570.00	42.58 PK	74.00	-31.42	2.15 H	216	24.33	18.25
7	11570.00	34.54 AV	54.00	-19.46	2.15 H	216	16.29	18.25
8	#17355.00	43.56 PK	68.20	-24.64	1.00 H	48	18.91	24.65
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	#5725.00	52.59 PK	122.20	-69.61	1.23 V	165	44.10	8.49
2	#5800.00	65.08 PK	152.20	-87.12	1.00 V	16	56.19	8.89
3	#5850.00	50.45 PK	122.20	-71.75	1.58 V	168	41.30	9.15
4	11570.00	43.37 PK	74.00	-30.63	2.57 V	48	25.12	18.25
5	11570.00	31.57 AV	54.00	-22.43	2.57 V	48	13.32	18.25
6	#17355.00	42.97 PK	68.20	-25.23	2.27 V	84	18.32	24.65

REMARKS:

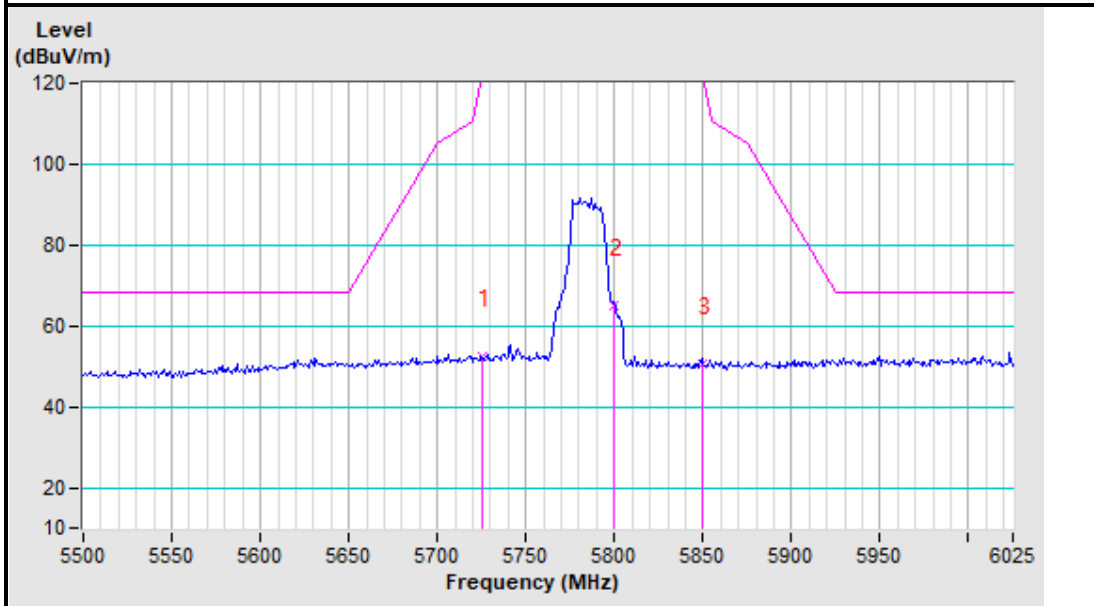
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

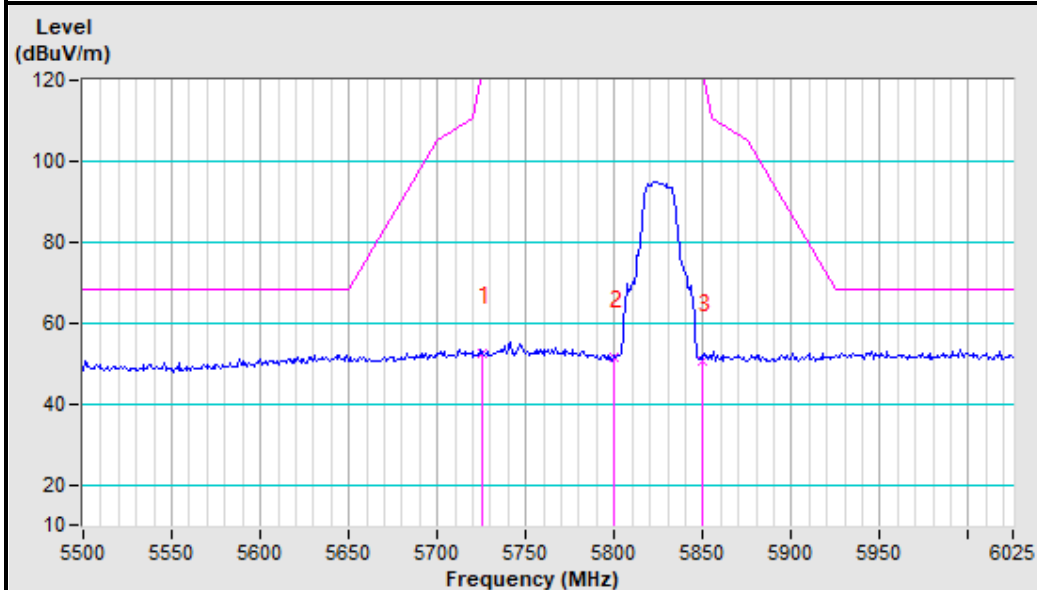
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	52.33 PK	122.20	-69.87	1.65 H	89	43.84	8.49
2	#5800.00	51.45 PK	152.20	-100.75	1.65 H	89	42.56	8.89
3	*5825.00	94.78 PK			1.23 H	56	85.75	9.03
4	*5825.00	84.43 AV			1.23 H	56	75.40	9.03
5	#5850.00	50.74 PK	122.20	-71.46	1.23 H	56	41.59	9.15
6	11650.00	44.00 PK	74.00	-30.00	2.44 H	360	25.72	18.28
7	11650.00	31.29 AV	54.00	-22.71	2.44 H	360	13.01	18.28
8	#17475.00	43.56 PK	68.20	-24.64	2.58 H	8	18.98	24.58
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	#5725.00	52.97 PK	122.20	-69.23	1.54 V	48	44.48	8.49
2	#5800.00	52.26 PK	152.20	-99.94	1.54 V	4	43.37	8.89
3	*5825.00	90.39 PK			1.65 V	48	81.36	9.03
4	*5825.00	82.34 AV			1.65 V	48	73.31	9.03
5	#5850.00	51.55 PK	122.20	-70.65	2.54 V	235	42.40	9.15
6	11650.00	42.28 PK	74.00	-31.72	4.00 V	78	24.00	18.28
7	11650.00	30.54 AV	54.00	-23.46	4.00 V	78	12.26	18.28
8	#17475.00	44.22 PK	68.20	-23.98	2.41 V	1	19.64	24.58

REMARKS:

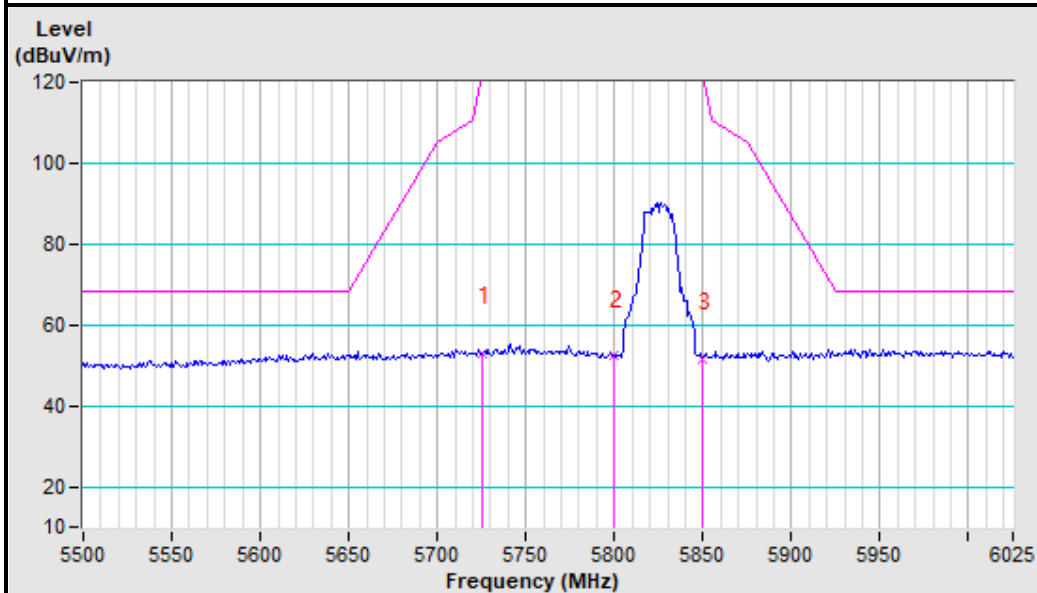
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental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

Band edge Plot

5825MHz Horizontal



5825MHz Vertical



802.11n (40MHz)

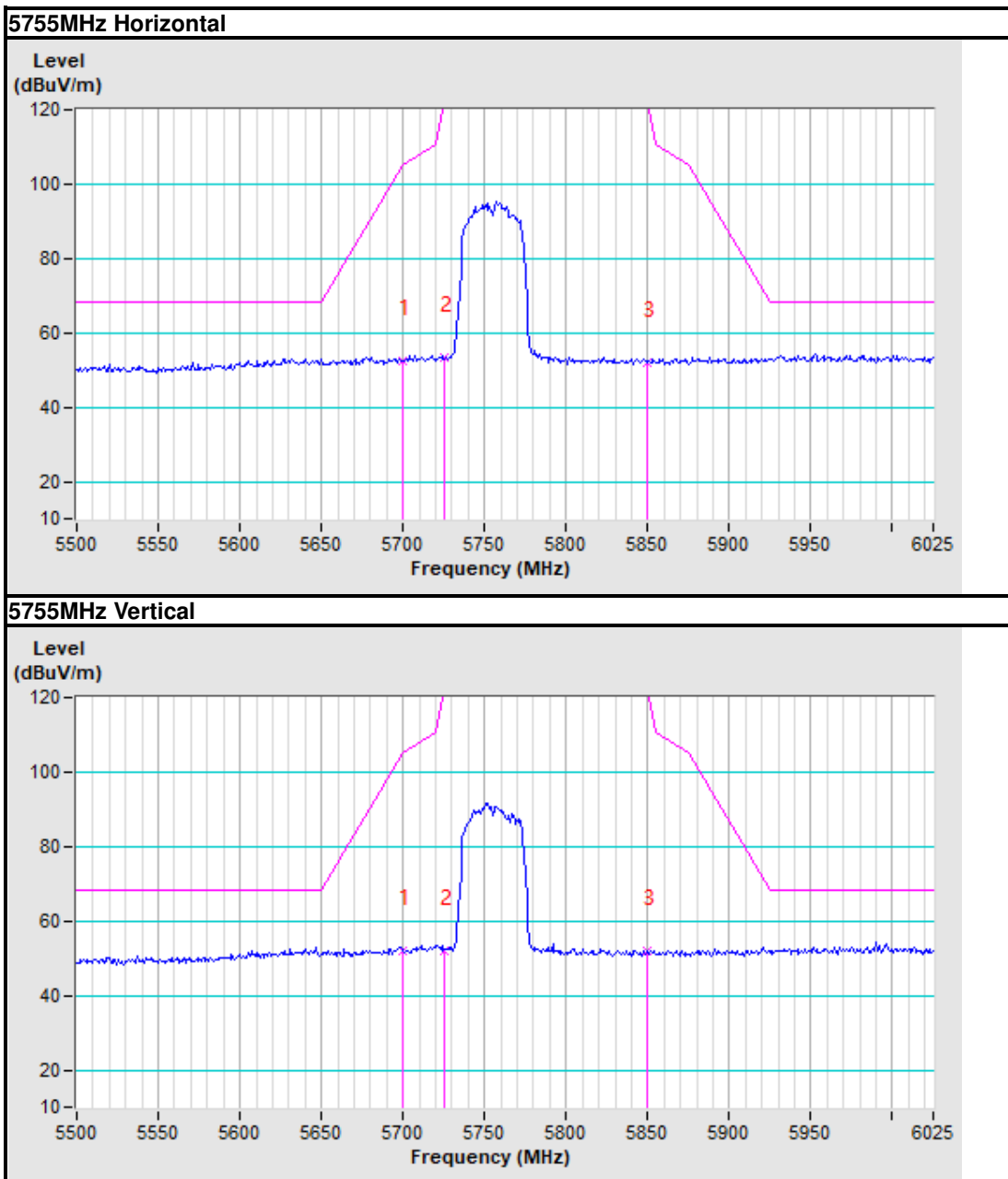
CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5700.00	52.55 PK	105.20	-52.65	1.38 H	165	44.18	8.37
2	#5725.00	53.29 PK	122.20	-68.91	1.56 H	4	44.80	8.49
3	*5755.00	95.30 PK			1.54 H	89	86.64	8.66
4	*5755.00	85.70 AV			1.54 H	89	77.04	8.66
5	#5850.00	52.12 PK	122.20	-70.08	1.68 H	95	42.97	9.15
6	11510.00	44.56 PK	74.00	-29.44	1.54 H	78	26.34	18.22
7	11510.00	33.85 AV	54.00	-20.15	1.54 H	78	15.63	18.22
8	#17265.00	44.56 PK	68.20	-23.64	2.77 H	78	19.87	24.69
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	52.09 PK	105.20	-53.11	1.54 V	165	43.72	8.37
2	#5725.00	51.93 PK	122.20	-70.27	2.58 V	360	43.44	8.49
3	*5755.00	91.64 PK			1.54 V	78	82.98	8.66
4	*5755.00	81.85 AV			1.54 V	78	73.19	8.66
5	#5850.00	52.16 PK	122.20	-70.04	1.54 V	78	43.01	9.15
6	11510.00	42.35 PK	74.00	-31.65	1.54 V	78	24.13	18.22
7	11510.00	32.98 AV	54.00	-21.02	1.54 V	78	14.76	18.22
8	#17265.00	43.64 PK	68.20	-24.56	1.57 V	7	18.95	24.69

REMARKS:

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

Band edge Plot



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

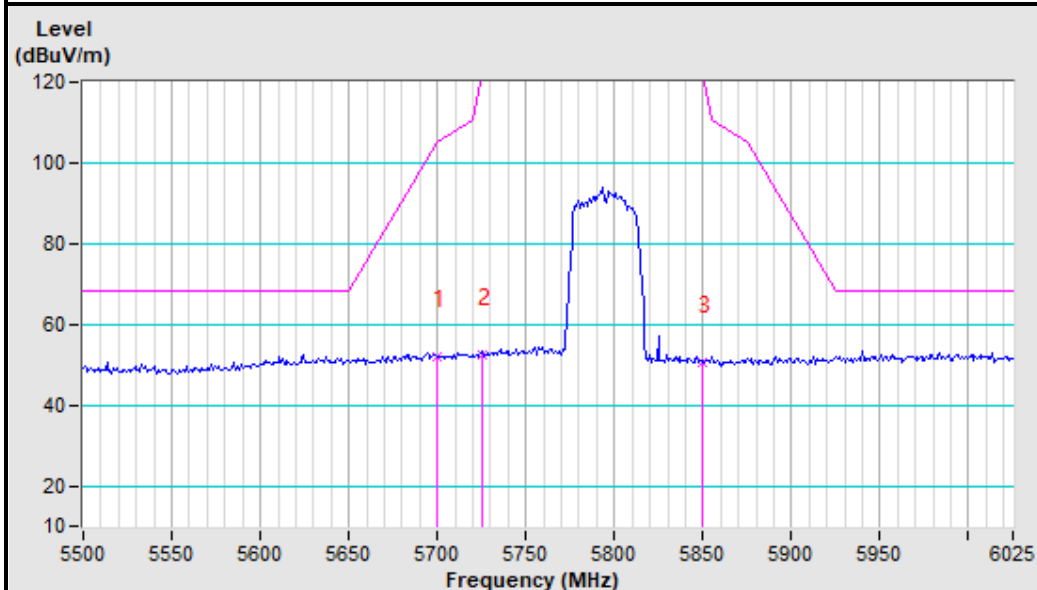
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5700.00	51.87 PK	105.20	-53.33	4.00 H	156	43.50	8.37
2	#5725.00	52.48 PK	122.20	-69.72	2.57 H	131	43.99	8.49
3	*5795.00	93.70 PK			4.00 H	87	84.84	8.86
4	*5795.00	83.63 AV			4.00 H	87	74.77	8.86
5	#5850.00	50.69 PK	122.20	-71.51	1.00 H	48	41.54	9.15
6	11590.00	46.05 PK	74.00	-27.95	4.00 H	78	27.80	18.25
7	11590.00	34.21 AV	54.00	-19.79	4.00 H	78	15.96	18.25
8	#17385.00	45.17 PK	68.20	-23.03	2.44 H	89	20.55	24.62
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	51.10 PK	105.20	-54.10	2.48 V	168	42.73	8.37
2	#5725.00	52.66 PK	122.20	-69.54	2.57 V	156	44.17	8.49
3	*5795.00	93.70 PK			4.00 V	360	84.84	8.86
4	*5795.00	83.30 AV			4.00 V	360	74.44	8.86
5	#5850.00	50.15 PK	122.20	-72.05	3.21 V	45	41.00	9.15
6	11590.00	45.40 PK	74.00	-28.60	2.44 V	48	27.15	18.25
7	11590.00	33.59 AV	54.00	-20.41	2.44 V	48	15.34	18.25
8	#17385.00	44.07 PK	68.20	-24.13	3.15 V	56	19.45	24.62

REMARKS:

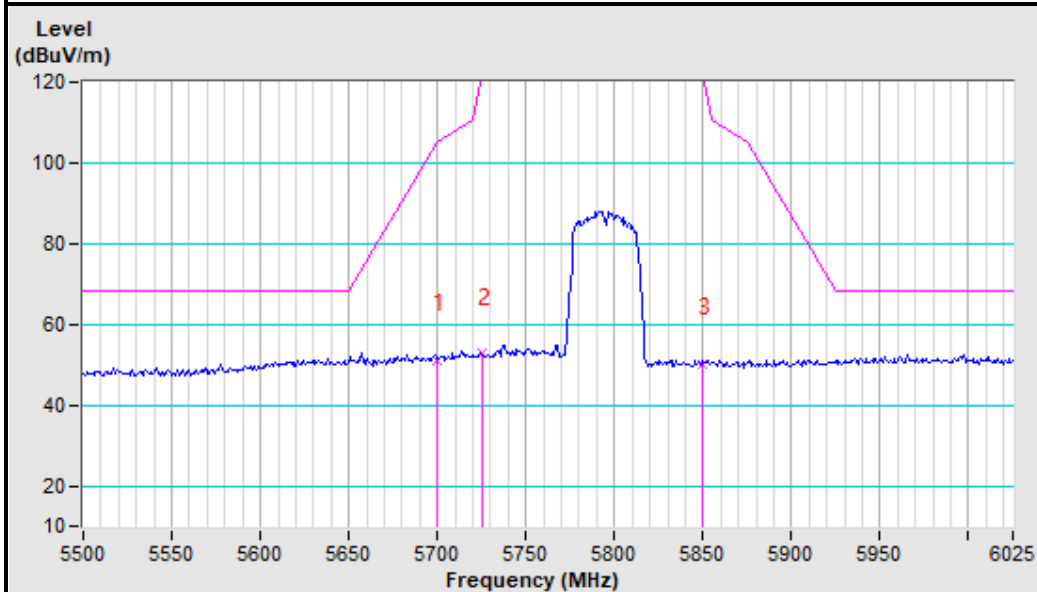
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental 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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

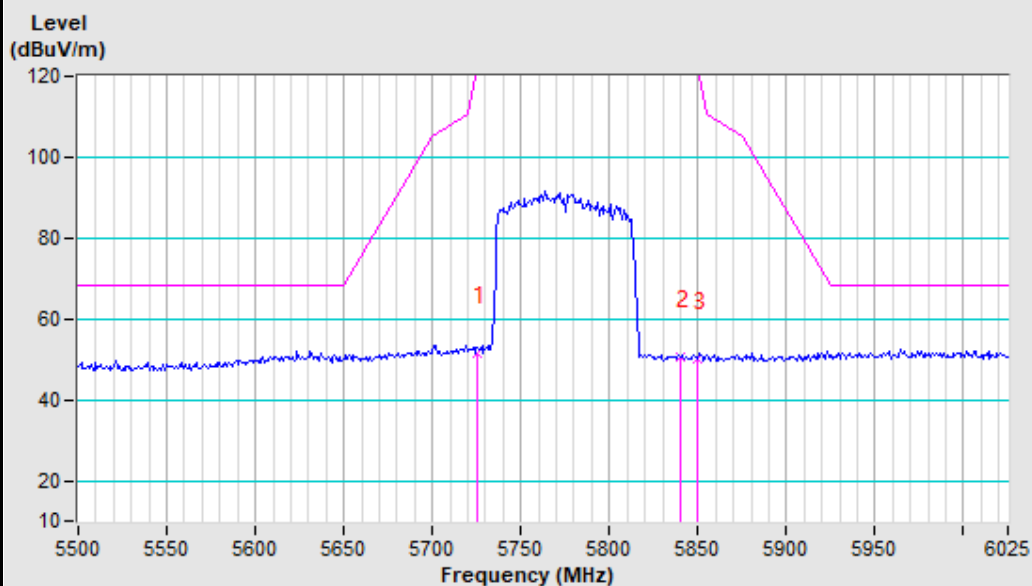
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	51.42 PK	122.20	-70.78	1.64 H	360	42.93	8.49
2	#5775.00	91.35 PK			4.00 H	360	82.59	8.76
3	#5775.00	82.04 AV			4.00 H	360	73.28	8.76
4	#5840.00	50.49 PK	152.20	-101.71	1.54 H	4	41.39	9.10
5	#5850.00	50.03 PK	122.20	-72.17	4.00 H	48	40.88	9.15
6	11550.00	46.56 PK	74.00	-27.44	1.54 H	7	28.32	18.24
7	11550.00	34.78 AV	54.00	-19.22	1.54 H	7	16.54	18.24
8	#17325.00	45.87 PK	68.20	-22.33	2.11 H	1	21.21	24.66
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	#5725.00	52.90 PK	122.20	-69.30	2.45 V	164	44.41	8.49
2	#5775.00	87.47 PK			2.31 V	156	78.71	8.76
3	#5775.00	77.59 AV			2.31 V	156	68.83	8.76
4	#5840.00	50.23 PK	152.20	-101.97	4.00 V	165	41.13	9.10
5	#5850.00	52.30 PK	122.20	-69.90	4.00 V	89	43.15	9.15
6	11550.00	45.84 PK	74.00	-28.16	1.54 V	7	27.60	18.24
7	11550.00	32.25 AV	54.00	-21.75	1.54 V	7	14.01	18.24
8	#17325.00	43.15 PK	68.20	-25.05	1.56 V	8	18.49	24.66

REMARKS:

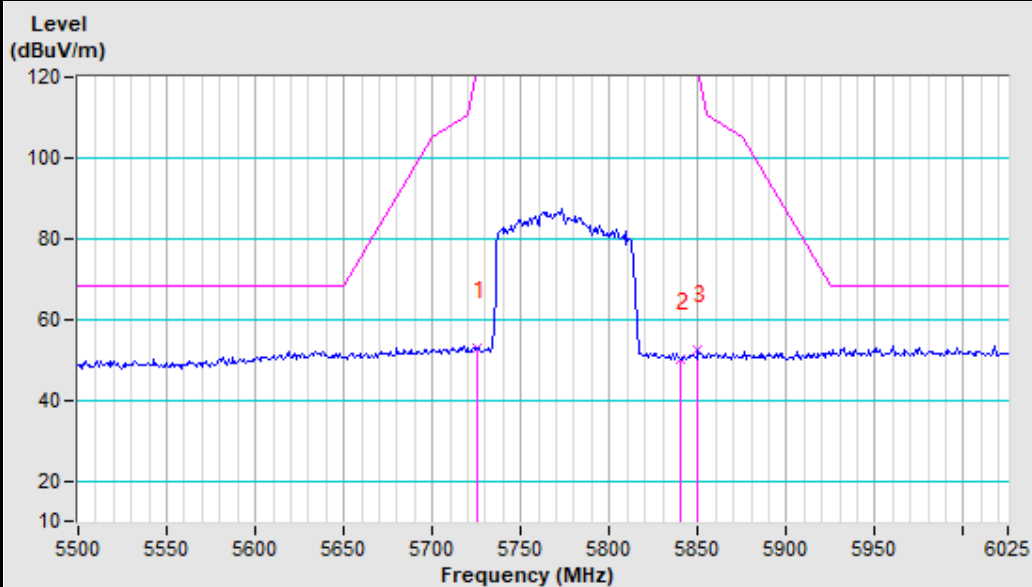
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5775MHz Horizontal



5775MHz Vertical



802.11ax (20MHz)

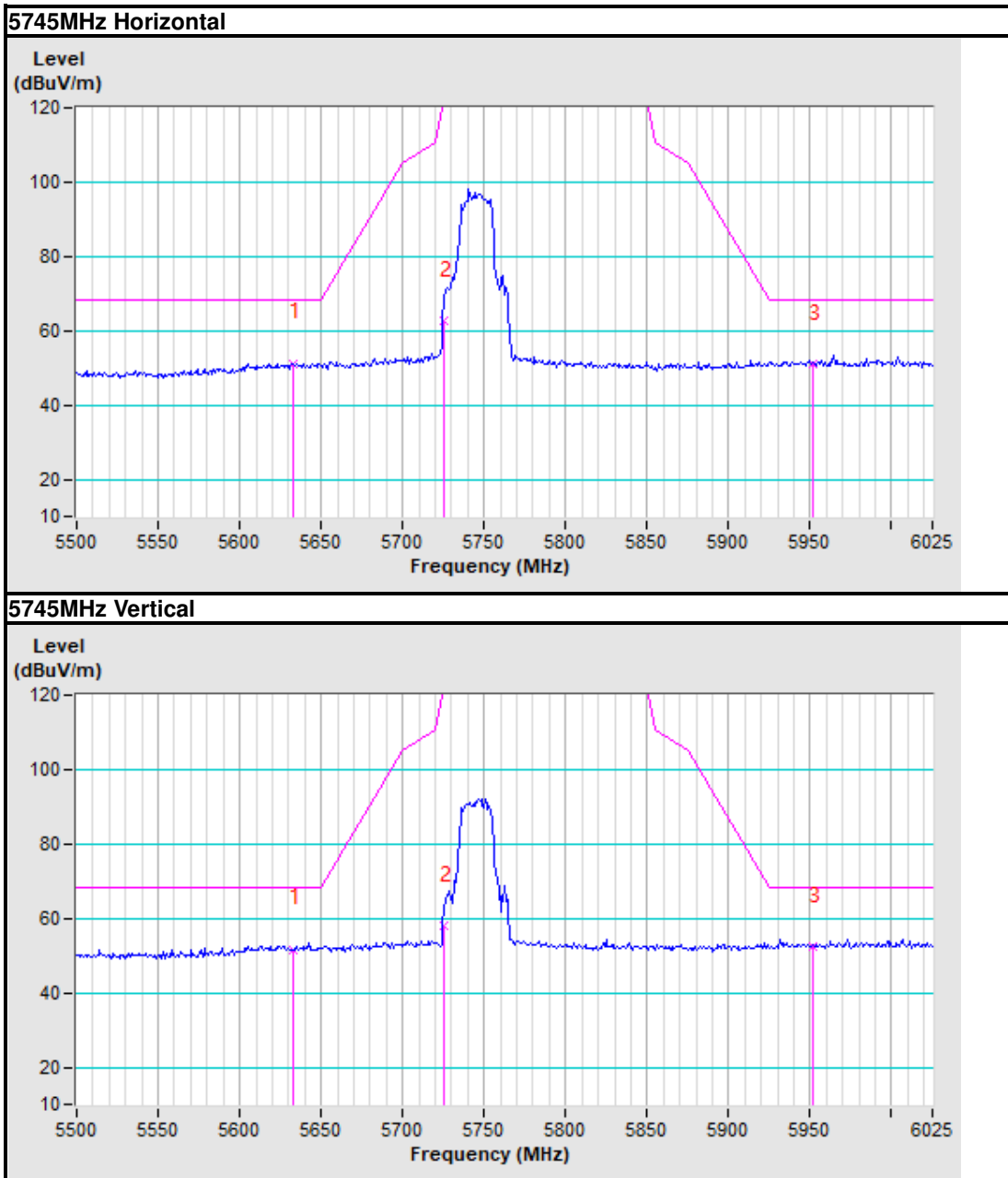
CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5633.15	50.93 PK	68.20	-17.27	2.44 H	15	42.91	8.02
2	#5725.00	62.45 PK	122.20	-59.75	1.87 H	48	53.96	8.49
3	*5745.00	97.87 PK			1.23 H	5	89.27	8.60
4	*5745.00	87.10 AV			1.23 H	5	78.50	8.60
5	#5951.20	50.90 PK	68.20	-17.30	2.15 H	35	41.22	9.68
6	11490.00	46.98 PK	74.00	-27.02	1.57 H	78	28.77	18.21
7	11490.00	35.51 AV	54.00	-18.49	1.57 H	78	17.30	18.21
8	#17235.00	45.87 PK	68.20	-22.33	1.58 H	78	21.17	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	#5633.15	51.50 PK	68.20	-16.70	4.00 V	360	43.48	8.02
2	#5725.00	57.87 PK	122.20	-64.33	1.54 V	14	49.38	8.49
3	*5745.00	92.26 PK			2.44 V	8	83.66	8.60
4	*5745.00	82.87 AV			2.44 V	8	74.27	8.60
5	#5951.20	52.24 PK	68.20	-15.96	1.98 V	5	42.56	9.68
6	11490.00	45.69 PK	74.00	-28.31	2.14 V	48	27.48	18.21
7	11490.00	35.64 AV	54.00	-18.36	2.14 V	48	17.43	18.21
8	#17235.00	44.88 PK	68.20	-23.32	3.28 V	8	20.18	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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Band edge Plot



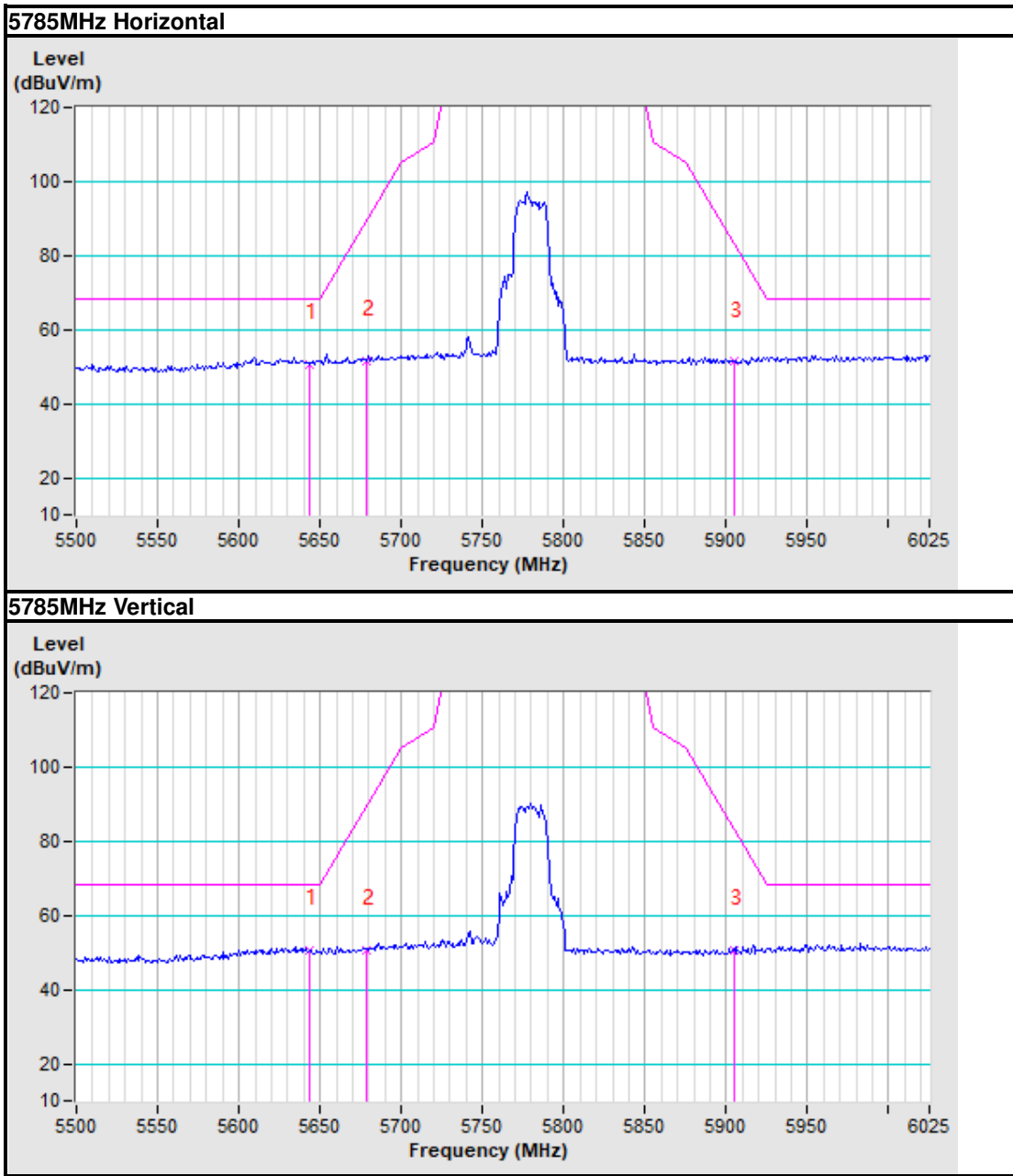
CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5643.04	50.63 PK	68.20	-17.57	1.54 H	231	42.56	8.07
2	#5678.80	51.57 PK	89.55	-37.98	1.47 H	8	43.31	8.26
3	*5785.00	97.32 PK			1.54 H	7	88.51	8.81
4	*5785.00	86.82 AV			1.54 H	7	78.01	8.81
5	#5904.78	51.28 PK	83.13	-31.85	2.58 H	13	41.84	9.44
6	11570.00	43.59 PK	74.00	-30.41	2.35 H	48	25.34	18.25
7	11570.00	33.45 AV	54.00	-20.55	2.35 H	48	15.20	18.25
8	#17355.00	45.17 PK	68.20	-23.03	1.54 H	78	20.52	24.65
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	#5643.04	50.76 PK	68.20	-17.44	1.54 V	235	42.69	8.07
2	#5678.80	50.56 PK	89.55	-38.99	1.54 V	156	42.30	8.26
3	*5785.00	89.98 PK			4.00 V	360	81.17	8.81
4	*5785.00	79.94 AV			4.00 V	360	71.13	8.81
5	#5904.78	50.53 PK	83.13	-32.60	1.11 V	78	41.09	9.44
6	11570.00	42.15 PK	74.00	-31.85	1.54 V	78	23.90	18.25
7	11570.00	31.58 AV	54.00	-22.42	1.54 V	78	13.33	18.25
8	#17355.00	42.85 PK	68.20	-25.35	3.15 V	89	18.20	24.65

REMARKS:

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 less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental frequency.
6. " # " : The radiated frequency is out of the restricted band.

Band edge Plot



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

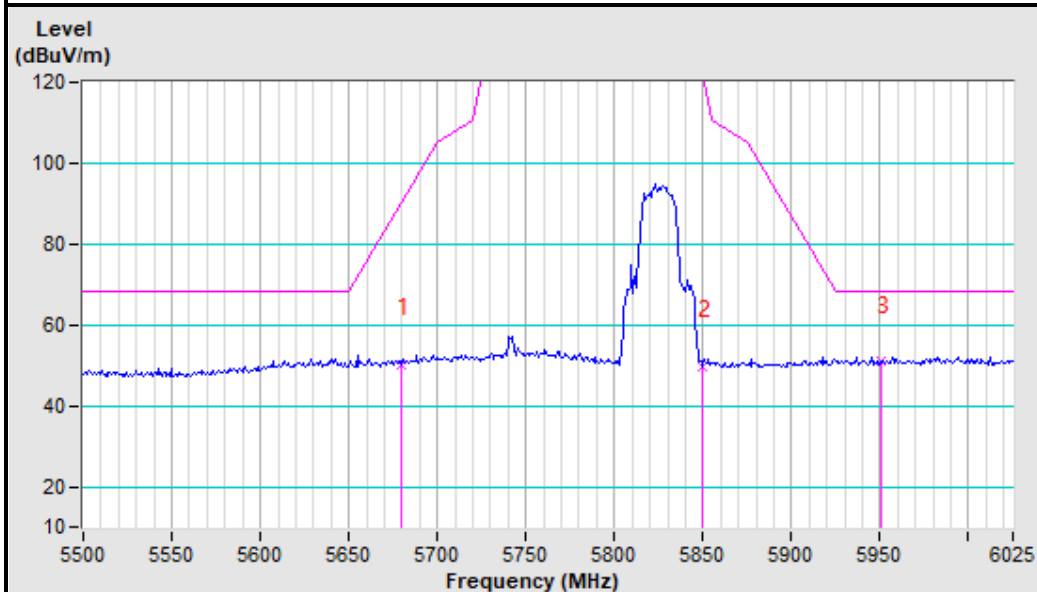
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5679.57	50.17 PK	90.12	-39.95	2.14 H	48	41.91	8.26
2	*5825.00	94.68 PK			2.35 H	74	85.65	9.03
3	*5825.00	84.89 AV			2.35 H	74	75.86	9.03
4	#5850.00	49.70 PK	122.20	-72.50	1.47 H	164	40.55	9.15
5	#5950.43	50.83 PK	68.20	-17.37	3.58 H	7	41.15	9.68
6	11650.00	45.52 PK	74.00	-28.48	2.14 H	89	27.24	18.28
7	11650.00	34.98 AV	54.00	-19.02	2.14 H	89	16.70	18.28
8	#17475.00	45.28 PK	68.20	-22.92	2.35 H	78	20.70	24.58
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	#5679.57	50.31 PK	90.12	-39.81	1.23 V	56	42.05	8.26
2	*5825.00	89.70 PK			1.23 V	360	80.67	9.03
3	*5825.00	79.85 AV			1.23 V	360	70.82	9.03
4	#5850.00	50.25 PK	122.20	-71.95	3.51 V	165	41.10	9.15
5	#5950.43	50.87 PK	68.20	-17.33	2.48 V	78	41.19	9.68
6	11650.00	44.57 PK	74.00	-29.43	3.25 V	45	26.29	18.28
7	11650.00	34.82 AV	54.00	-19.18	3.25 V	45	16.54	18.28
8	#17475.00	42.71 PK	68.20	-25.49	3.54 V	7	18.13	24.58

REMARKS:

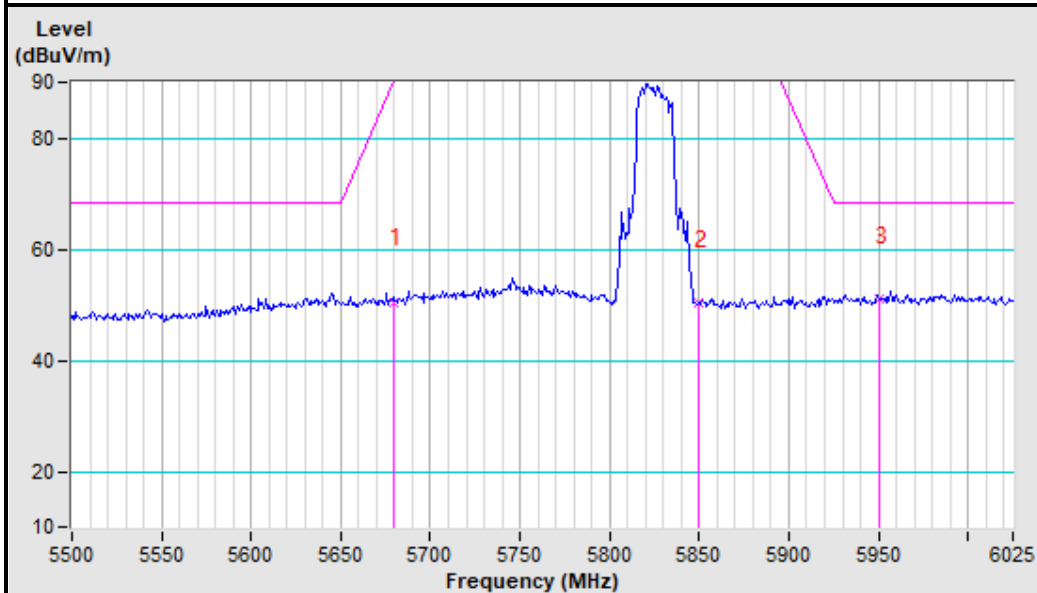
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5825MHz Horizontal



5825MHz Vertical



802.11ax (40MHz)

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

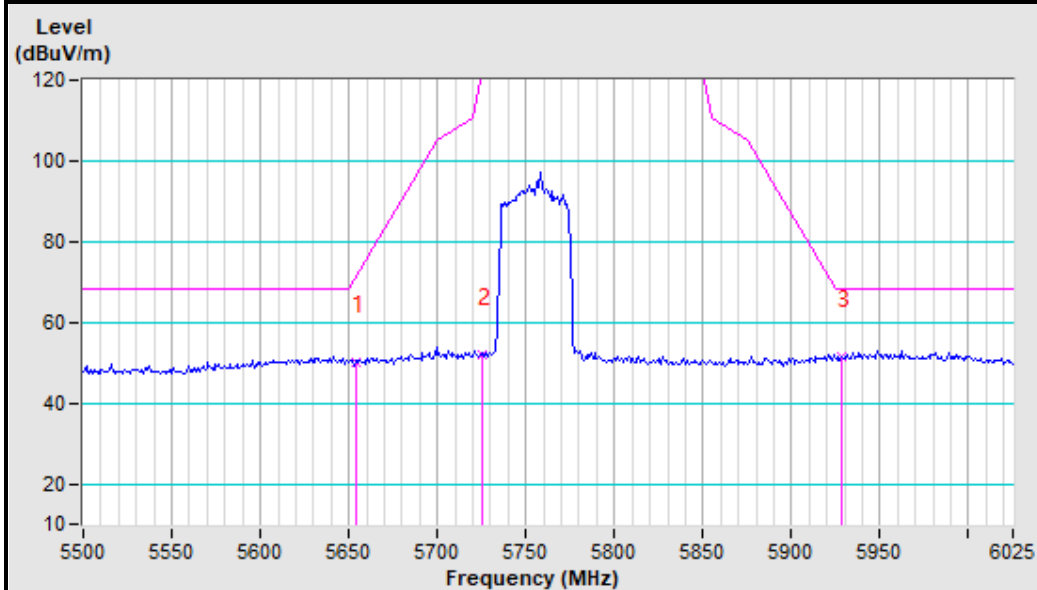
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5654.34	50.10 PK	71.42	-21.32	1.00 H	56	41.97	8.13
2	#5725.00	52.09 PK	122.20	-70.11	2.41 H	48	43.60	8.49
3	*5755.00	97.26 PK			2.44 H	87	88.60	8.66
4	*5755.00	84.50 AV			2.44 H	87	75.84	8.66
5	#5927.86	51.41 PK	68.20	-16.79	1.54 H	78	41.84	9.57
6	11510.00	45.19 PK	74.00	-28.81	3.21 H	45	26.97	18.22
7	11510.00	33.52 AV	54.00	-20.48	3.21 H	45	15.30	18.22
8	#17265.00	44.24 PK	68.20	-23.96	1.23 H	78	19.55	24.69
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	#5654.34	51.70 PK	71.42	-19.72	2.54 V	23	43.57	8.13
2	#5725.00	51.40 PK	122.20	-70.80	1.56 V	87	42.91	8.49
3	*5755.00	89.01 PK			1.54 V	78	80.35	8.66
4	*5755.00	80.13 AV			1.54 V	78	71.47	8.66
5	#5927.86	50.98 PK	68.20	-17.22	1.44 V	45	41.41	9.57
6	11510.00	42.56 PK	74.00	-31.44	1.54 V	78	24.34	18.22
7	11510.00	32.84 AV	54.00	-21.16	1.54 V	78	14.62	18.22
8	#17265.00	42.78 PK	68.20	-25.42	2.78 V	8	18.09	24.69

REMARKS:

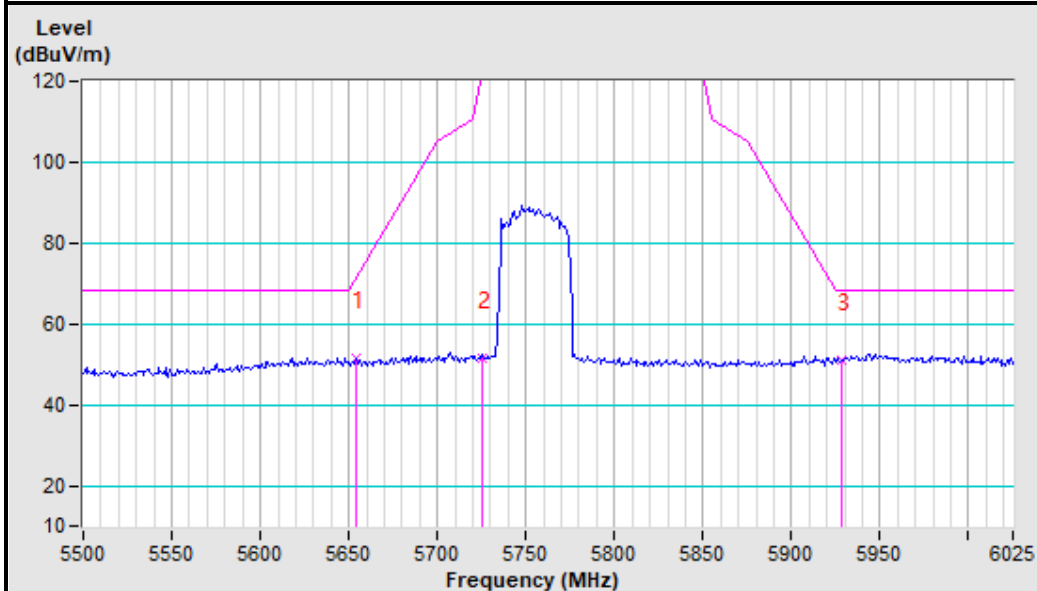
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental 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)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

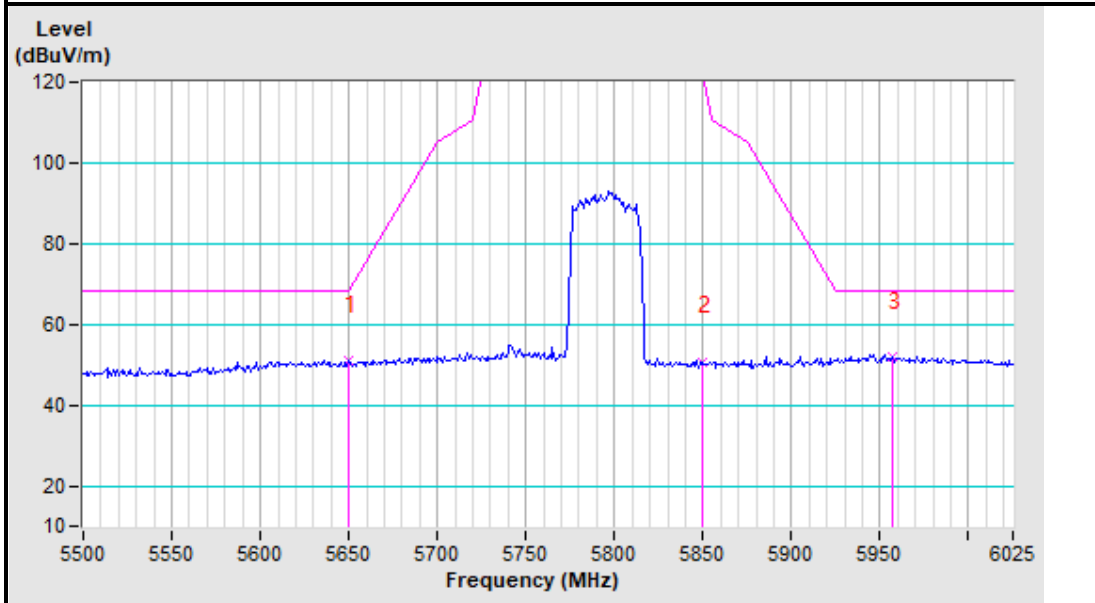
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5649.89	50.83 PK	68.20	-17.37	3.25 H	32	42.72	8.11
2	*5795.00	92.80 PK			2.13 H	78	83.94	8.86
3	*5795.00	82.61 AV			2.13 H	78	73.75	8.86
4	#5850.00	50.78 PK	122.20	-71.42	2.35 H	16	41.63	9.15
5	#5956.52	51.72 PK	68.20	-16.48	1.57 H	7	42.01	9.71
6	11590.00	47.56 PK	74.00	-26.44	1.00 H	89	29.31	18.25
7	11590.00	35.10 AV	54.00	-18.90	1.00 H	89	16.85	18.25
8	#17385.00	45.85 PK	68.20	-22.35	2.34 H	7	21.23	24.62
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	#5649.89	50.10 PK	68.20	-18.10	2.14 V	48	41.99	8.11
2	*5795.00	88.85 PK			3.25 V	8	79.99	8.86
3	*5795.00	76.77 AV			3.25 V	8	67.91	8.86
4	#5850.00	50.08 PK	122.20	-72.12	3.58 V	35	40.93	9.15
5	#5956.52	50.36 PK	68.20	-17.84	4.00 V	78	40.65	9.71
6	11590.00	45.65 PK	74.00	-28.35	1.00 V	48	27.40	18.25
7	11590.00	33.80 AV	54.00	-20.20	1.00 V	48	15.55	18.25
8	#17385.00	43.58 PK	68.20	-24.62	3.84 V	78	18.96	24.62

REMARKS:

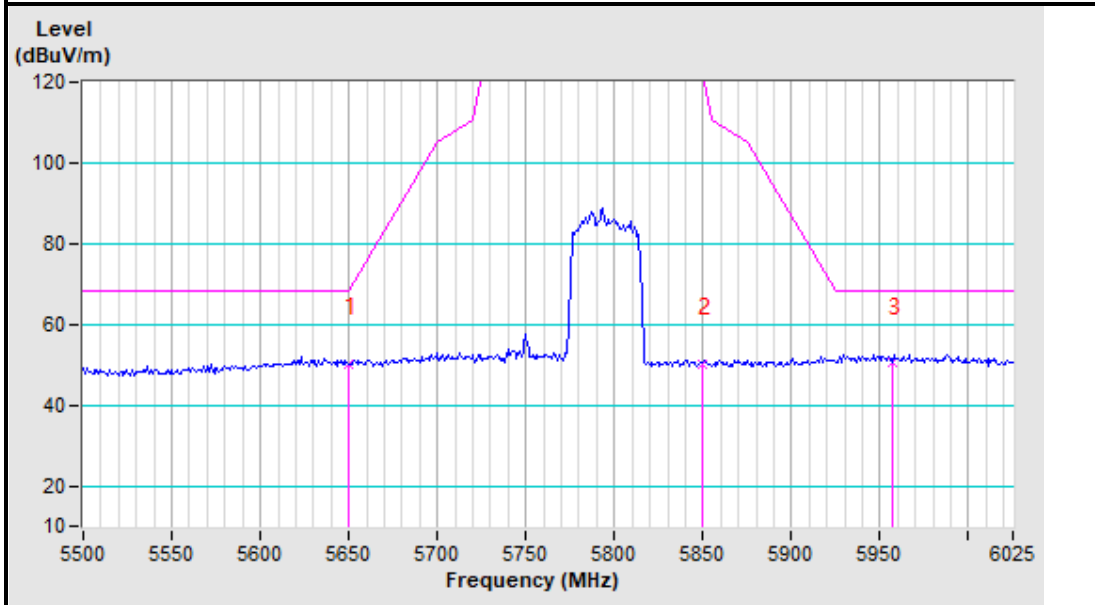
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental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

Band edge Plot

5795MHz Horizontal



5795MHz Vertical



802.11ax 80MHz

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

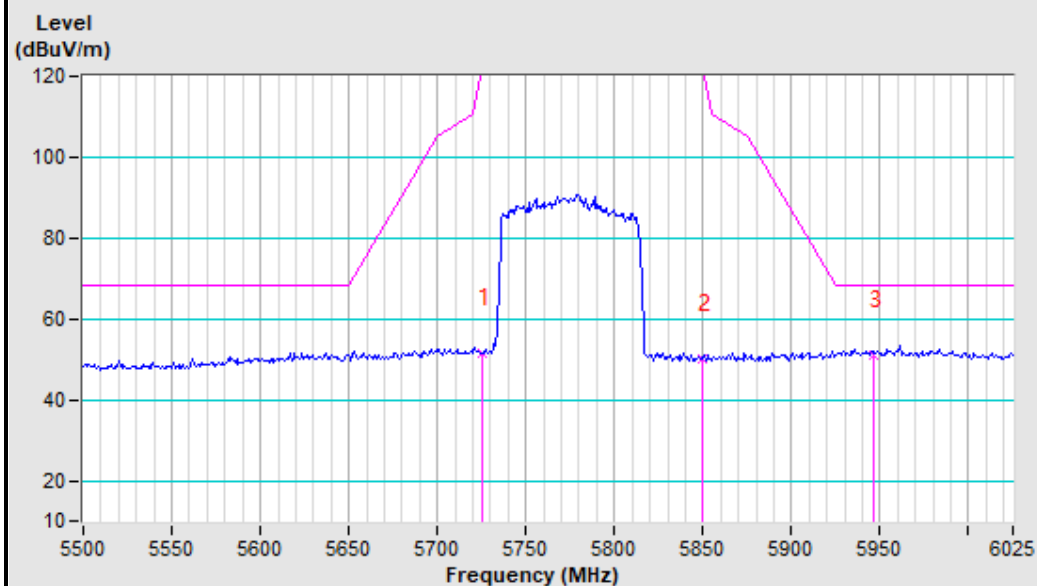
ANTENNA POLARITY & TEST DISTANCE : HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	51.29 PK	122.20	-70.91	1.57 H	78	42.80	8.49
2	*5775.00	90.85 PK			2.35 H	78	82.09	8.76
3	*5775.00	81.41 AV			2.35 H	78	72.65	8.76
4	#5850.00	49.95 PK	122.20	-72.25	3.11 H	4	40.80	9.15
5	#5946.49	50.86 PK	68.20	-17.34	3.47 H	31	41.20	9.66
6	11550.00	44.56 PK	74.00	-29.44	2.35 H	78	26.32	18.24
7	11550.00	34.87 AV	54.00	-19.13	2.35 H	78	16.63	18.24
8	#17325.00	44.80 PK	68.20	-23.40	2.31 H	8	20.14	24.66
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	#5725.00	51.90 PK	122.20	-70.30	3.12 V	360	43.41	8.49
2	*5775.00	86.68 PK			2.31 V	48	77.92	8.76
3	*5775.00	75.15 AV			2.31 V	48	66.39	8.76
4	#5850.00	49.61 PK	122.20	-72.59	1.57 V	7	40.46	9.15
5	#5946.49	50.80 PK	68.20	-17.40	3.37 V	78	41.14	9.66
6	11550.00	42.50 PK	74.00	-31.50	1.65 V	78	24.26	18.24
7	11550.00	32.56 AV	54.00	-21.44	1.65 V	78	14.32	18.24
8	#17325.00	42.23 PK	68.20	-25.97	1.00 V	78	17.57	24.66

REMARKS:

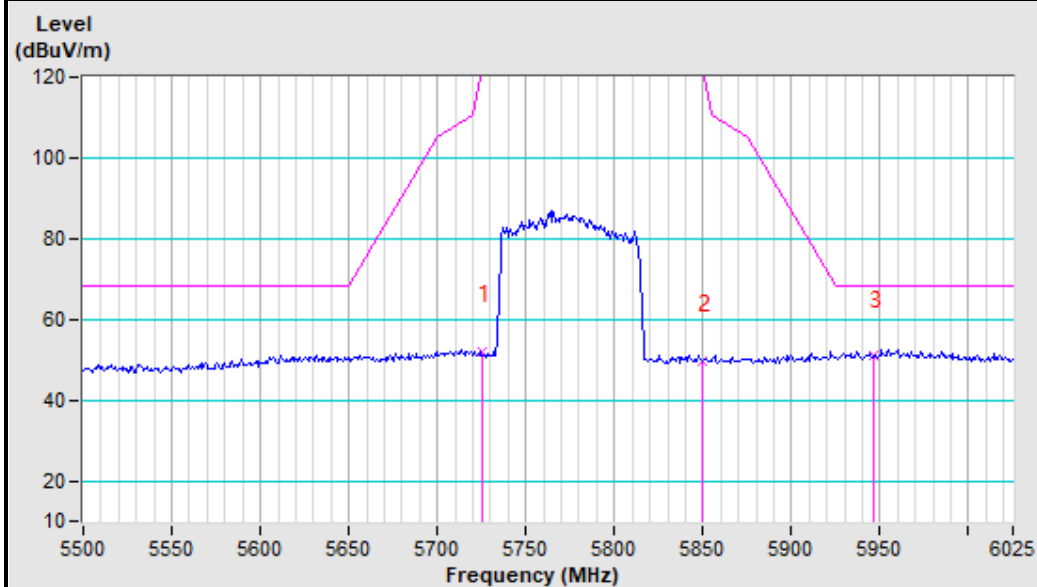
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * " : Fundamental 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 (dB μ V)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

- NOTE:** 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
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.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Jan. 02, 25
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Jan. 03, 25
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Jan. 02, 25
Artificial Mains Network	SCHWARZBECK	NSLK 8122	8122-05001	Apr. 09, 25
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Jul. 10, 25
Coaxial RF Cable	SUHNER	RG 223/U-CE	C2310066DG	Jun. 23, 25
Test software	ADT	ADT_Cond_V7.3.7	N/A	N/A

NOTES:

1. The test was performed in shielded room 553.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle and all tests are conducted within a valid calibration cycle.

3.2.3 TEST PROCEDURES

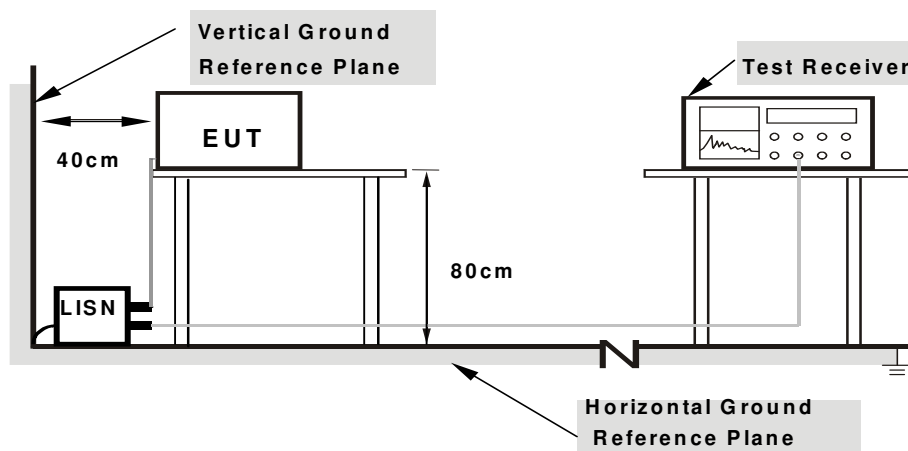
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- 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 3.1.6

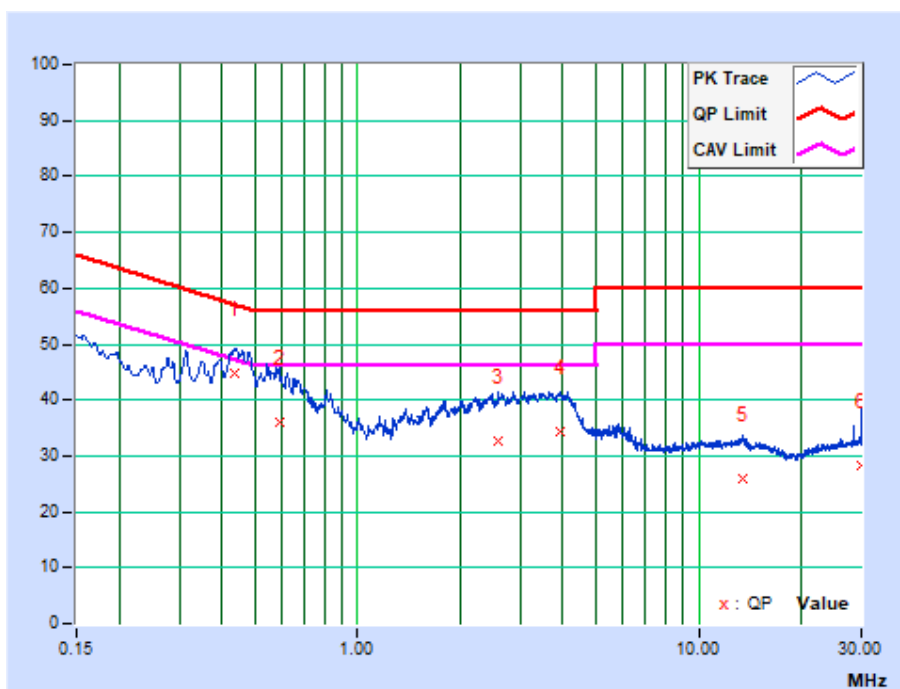
3.2.7 TEST RESULTS

CONDUCTED WORST-CASE DATA: 802.11a CH36

PHASE	Line	6dB BANDWIDTH	9kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.43545	9.51	35.35	22.65	44.86	32.16	57.15	47.15	-12.29	-14.99
2	0.58875	9.51	26.62	15.32	36.13	24.83	56.00	46.00	-19.87	-21.17
3	2.59125	9.24	23.30	11.84	32.54	21.08	56.00	46.00	-23.46	-24.92
4	3.94575	9.26	25.12	13.02	34.38	22.28	56.00	46.00	-21.62	-23.72
5	13.49925	9.38	16.42	9.84	25.80	19.22	60.00	50.00	-34.20	-30.78
6	29.99625	9.53	18.82	9.95	28.35	19.48	60.00	50.00	-31.65	-30.52

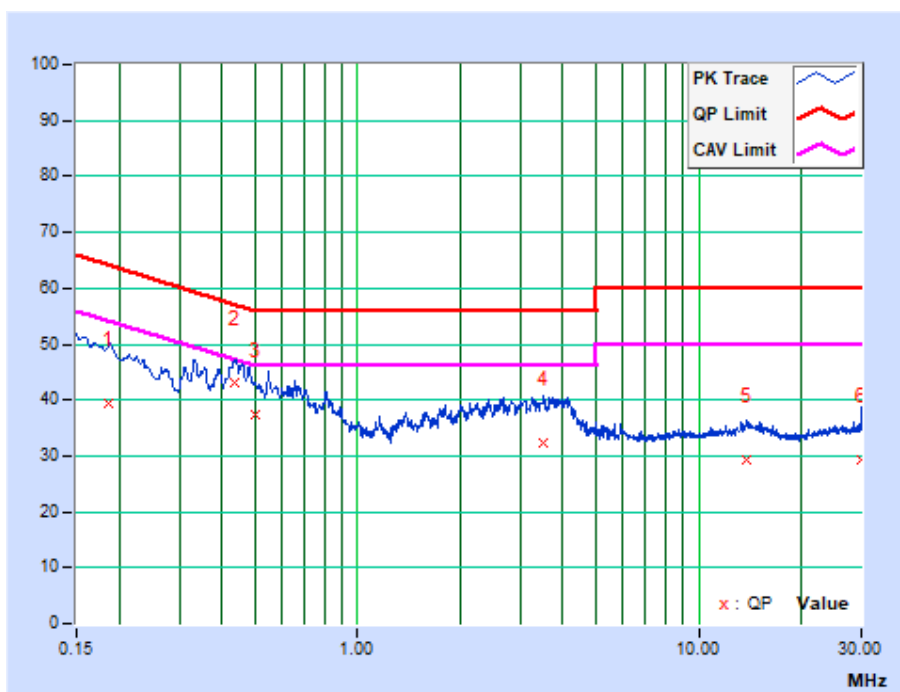
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. The emission levels of other frequencies were very low against the limit.
 3. Margin value = Emission level - Limit value
 4. Correction factor = Insertion loss + Cable loss
 5. Emission Level = Correction Factor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



PHASE	Neutral	6dB BANDWIDTH	9kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18657	9.31	29.96	19.01	39.27	28.32	64.19	54.19	-24.92	-25.87
2	0.43775	9.31	33.85	21.46	43.16	30.77	57.10	47.10	-13.94	-16.33
3	0.50000	9.31	28.23	17.56	37.54	26.87	56.00	46.00	-18.46	-19.13
4	3.51825	9.37	22.88	12.44	32.25	21.81	56.00	46.00	-23.75	-24.19
5	13.77150	9.52	19.81	12.84	29.33	22.36	60.00	50.00	-30.67	-27.64
6	29.99625	9.70	19.48	11.70	29.18	21.40	60.00	50.00	-30.82	-28.60

- 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.



3.3 TRANSMIT POWER MEASUREMENT

3.3.1 LIMITS OF TRANSMIT POWER MEASUREMENT

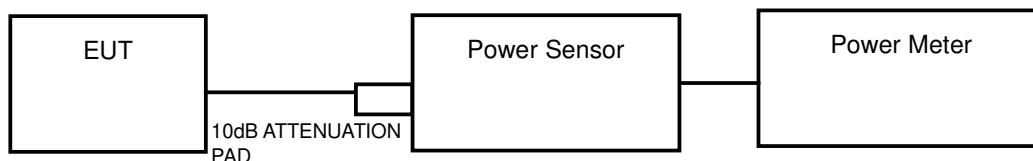
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Mobile and Portable client 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.

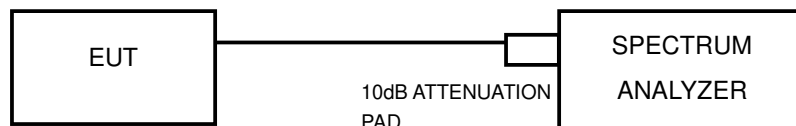
Ant. No.	Antenna Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
Chain 0	FPC	4.46dBi	4.38dBi	5.69dBi	4.96dBi
Chain 1	FPC	5.13dBi	5.13dBi	6.57dBi	6.43dBi
Directional Gain		7.81dBi	7.77dBi	9.15dBi	8.74dBi
Note: 1. The manufacturer declares that this EUT does not support CDD functionality					
Note: 2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi					

3.3.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT



FOR 6/26dB BANDWIDTH



3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Power Sensor	Keysight	U2021XA	MY57320002	Apr. 07, 25
Digital Multimeter	FLUKE	15B	A1220010DG	N/A
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 15, 24
Oscilloscope	Agilent	DSO9254A	MY51260160	Jul. 07, 25
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Jan. 01, 25
Signal Generator	Agilent	N5183A	MY50140980	Jul. 11, 25
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 11, 25
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	N/A
Attenuator	MINI	BW-S10W2+	S130129FGE2	N/A
DC Source	Keysight	E3642A	MY56146098	N/A
Test software	ADT	ADT_RF Test Software V6.6.5.3	N/A	N/A

NOTES:

1. The test was performed in RF Oven room.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle and all tests are conducted within a valid calibration cycle.

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

Chan.	Freq. (MHz)	Average Power (dBm)		Average Power (mW)		Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 0	Chain 1		
36	5180	14.73	14.58	29.717	28.708	24.00	Pass
40	5200	14.89	14.79	30.832	30.13	24.00	Pass
48	5240	15.02	15.08	31.769	32.211	24.00	Pass
52	5260	15.17	15.26	32.885	33.574	23.57	Pass
60	5300	15.22	15.39	33.266	34.594	23.57	Pass
64	5320	15.30	15.58	33.884	36.141	23.57	Pass
100	5500	15.33	15.40	34.119	34.674	23.00	Pass
116	5580	15.29	16.02	33.806	39.994	23.00	Pass
140	5700	14.29	14.88	26.853	30.761	23.00	Pass
149	5745	14.23	14.94	26.485	31.189	29.57	Pass
157	5785	14.14	15.01	25.942	31.696	29.57	Pass
165	5825	14.19	15.02	26.242	31.769	29.57	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(18.07)= 23.57dBm < 24dBm

18.07MHz Calculated results correspond to the worst limiting results.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 6.57-6 = 0.57, so the power limit shall be reduced to 23.57-0.57 = 23dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 6.43-6 = 0.43, so the power limit shall be reduced to 30-0.43 = 29.57dBm.

802.11n (20MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	11.18	10.96	14.08	25.596	22.19	Pass
40	5200	11.29	11.08	14.20	26.282	22.19	Pass
48	5240	11.57	11.35	14.47	28.001	22.19	Pass
52	5260	15.12	15.23	18.19	65.851	22.09	Pass
60	5300	15.17	15.53	18.36	68.612	22.09	Pass
64	5320	15.24	15.68	18.48	70.402	22.09	Pass

100	5500	15.22	15.36	18.30	67.622	20.71	Pass
116	5580	15.18	16.12	18.69	73.887	20.71	Pass
140	5700	14.30	14.98	17.66	58.393	20.71	Pass
149	5745	14.32	15.06	17.72	59.102	27.26	Pass
157	5785	14.17	14.99	17.61	57.672	27.26	Pass
165	5825	14.28	15.07	17.70	58.928	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(19.30)= 23.86dBm < 24dBm

19.30MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the power limit shall be reduced to 24-1.81 = 22.19dBm.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the power limit shall be reduced to 23.86-1.77 = 22.09dBm.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the power limit shall be reduced to 23.86-3.15 = 20.71dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the power limit shall be reduced to 30-2.74 = 27.26dBm.

802.11n (40MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	11.41	11.72	14.58	28.695	22.19	Pass
46	5230	11.72	12.06	14.90	30.929	22.19	Pass
54	5270	14.65	15.39	18.05	63.768	22.23	Pass
62	5310	14.72	15.67	18.23	66.546	22.23	Pass
102	5510	14.76	15.57	18.19	65.981	20.85	Pass
110	5550	14.92	15.71	18.34	68.285	20.85	Pass
134	5670	13.97	14.93	17.49	56.063	20.85	Pass
151	5755	13.66	15.08	17.44	55.438	27.26	Pass
159	5795	13.73	15.12	17.49	56.114	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(39.30)= 26.94> 24dBm

39.30MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the power limit shall be reduced to 24-1.81 = 22.19dBm.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the power limit shall be reduced to 24-1.77 = 22.23dBm.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the power limit shall be reduced to 24-3.15 = 20.85dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the power limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ac (80MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	11.70	11.86	14.79	30.137	22.19	Pass
58	5290	13.22	13.75	16.50	44.703	22.23	Pass
106	5530	13.44	14.02	16.75	47.315	20.85	Pass
122	5610	13.37	14.75	17.12	51.581	20.85	Pass
155	5775	12.29	13.45	15.92	39.074	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(85.90)= 30.34dBm > 24dBm

85.90MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the power limit shall be reduced to 24-1.81 = 22.19dBm.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the power limit shall be reduced to 24-1.77 = 22.23dBm.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the power limit shall be reduced to 24-3.15 = 20.85dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the power limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (20MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	11.89	11.56	14.74	29.774	22.19	Pass
40	5200	11.83	11.78	14.82	30.307	22.19	Pass
48	5240	11.67	11.46	14.58	28.685	22.19	Pass
52	5260	12.87	12.07	15.50	35.471	22.23	Pass
60	5300	12.75	11.92	15.37	34.396	22.23	Pass
64	5320	12.65	12.02	15.36	34.330	22.23	Pass
100	5500	12.59	11.93	15.28	33.751	20.85	Pass
116	5580	12.88	13.33	16.12	40.937	20.85	Pass
140	5700	12.41	12.40	15.42	34.796	20.85	Pass
149	5745	12.55	12.65	15.61	36.396	27.26	Pass
157	5785	12.58	12.83	15.72	37.300	27.26	Pass
165	5825	12.79	12.99	15.90	38.918	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(20.09)= 24.03dBm > 24dBm

20.09MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the power limit shall be reduced to 24-1.81 = 22.19dBm.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the power limit shall be reduced to 24-1.77 = 22.23dBm.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the power limit shall be reduced to 24-3.15 = 20.85dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the power limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (40MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	11.46	11.77	14.63	29.027	22.19	Pass
46	5230	11.78	12.17	14.99	31.548	22.19	Pass
54	5270	12.61	12.37	15.50	35.497	22.23	Pass
62	5310	12.33	12.30	15.33	34.083	22.23	Pass
102	5510	12.32	12.34	15.34	34.200	20.85	Pass
110	5550	12.61	12.85	15.74	37.514	20.85	Pass
134	5670	12.09	12.53	15.33	34.087	20.85	Pass
151	5755	12.18	12.92	15.58	36.108	27.26	Pass
159	5795	12.30	13.13	15.75	37.541	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = 11dBm+10log(26 BW)=11+10log(40.58)= 27.08dBm > 24dBm

40.58MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the power limit shall be reduced to 24-1.81 = 22.19dBm.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the power limit shall be reduced to 24-1.77 = 22.23dBm.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the power limit shall be reduced to 24-3.15 = 20.85dBm.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the power limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (80MHz)

Chan.	Freq. (MHz)	Average Power (dBm)		Total power (dBm)	Total power (mW)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	12.08	12.07	15.09	32.250	22.19	Pass



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VERITAS**

Test Report No.: RF2407WDG0195-4

58	5290	12.43	11.94	15.20	33.130	22.23	Pass
106	5530	12.43	12.28	15.37	34.403	20.85	Pass
122	5610	12.78	13.49	16.16	41.303	20.85	Pass
155	5775	12.20	12.67	15.45	35.089	27.26	Pass

For U-NII-2A & U-NII-2C: Limit = $11\text{dBm} + 10\log(26\text{ BW}) = 11 + 10\log(81.11) = 30.09\text{dBm} > 24\text{dBm}$

81.11MHz Calculated results correspond to the worst limiting results.

For U-NII-1: Power Limit Reduction = Directional Gain - 6dBi = $7.81 - 6 = 1.81$, so the power limit shall be reduced to $24 - 1.81 = 22.19\text{dBm}$.

For U-NII-2a: Power Limit Reduction = Directional Gain - 6dBi = $7.77 - 6 = 1.77$, so the power limit shall be reduced to $24 - 1.77 = 22.23\text{dBm}$.

For U-NII-2C: Power Limit Reduction = Directional Gain - 6dBi = $9.15 - 6 = 3.15$, so the power limit shall be reduced to $24 - 3.15 = 20.85\text{dBm}$.

For U-NII-3: Power Limit Reduction = Directional Gain - 6dBi = $8.74 - 6 = 2.74$, so the power limit shall be reduced to $30 - 2.74 = 27.26\text{dBm}$.

26dB BANDWIDTH:

802.11a

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
36	5180	27.38	27.97	PASS
40	5200	28.99	27.71	PASS
48	5240	20.37	20.32	PASS
52	5260	27.38	27.45	PASS
60	5300	28.07	30.87	PASS
64	5320	28.64	28.50	PASS
100	5500	26.81	26.07	PASS
132	5660	26.67	27.28	PASS
140	5700	28.66	26.81	PASS

802.11n (20MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
36	5180	27.59	31.28	PASS
40	5200	29.37	27.13	PASS
48	5240	20.54	20.34	PASS
52	5260	28.29	26.65	PASS
60	5300	27.71	28.84	PASS
64	5320	28.15	27.90	PASS
100	5500	31.49	27.00	PASS
132	5660	28.29	26.89	PASS
140	5700	28.50	28.89	PASS

802.11n (40MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
38	5190	41.42	41.39	PASS
46	5230	41.43	41.33	PASS
54	5270	41.34	41.49	PASS
62	5310	41.45	41.32	PASS
102	5510	41.63	41.52	PASS
118	5590	41.52	41.27	PASS
134	5670	41.75	41.32	PASS

802.11ac (80MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
42	5210	80.52	80.02	PASS
58	5290	80.19	80.02	PASS
106	5530	80.21	80.05	PASS
122	5610	80.23	80.16	PASS

802.11ax (20MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
36	5180	26.85	25.63	PASS
40	5200	24.31	30.04	PASS
48	5240	20.12	20.09	PASS
52	5260	28.12	23.88	PASS
60	5300	29.58	26.17	PASS
64	5320	25.12	25.02	PASS
100	5500	28.03	23.65	PASS
132	5660	27.86	23.39	PASS
140	5700	25.16	24.28	PASS

802.11ax (40MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
38	5190	40.36	40.58	PASS
46	5230	40.53	40.48	PASS
54	5270	40.46	40.33	PASS
62	5310	40.55	40.44	PASS
102	5510	40.49	40.42	PASS
118	5590	40.38	40.40	PASS
134	5670	40.48	40.51	PASS

802.11ax (80MHz)

Channel Number	Freq. (MHz)	26dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
42	5210	80.82	80.58	PASS
58	5290	80.63	80.85	PASS
106	5530	80.54	80.72	PASS
122	5610	80.67	80.50	PASS

6dB BANDWIDTH For 5725-5850MHz

802.11a

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
149	5745	16.33	16.36	PASS
157	5785	16.34	16.37	PASS
165	5825	16.37	16.36	PASS

802.11n (20M)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
149	5745	17.32	17.64	PASS
157	5785	17.13	17.63	PASS
165	5825	17.14	17.63	PASS

802.11n (40M)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
151	5755	35.17	35.14	PASS
159	5795	35.05	35.15	PASS

802.11ac (80MHz)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
155	5775	75.35	75.35	PASS

802.11ax (20M)

Channel Number	Freq. (MHz)	6dB DOWN BANDWIDTH (MHz)		PASS /FAIL
		Chain 0	Chain 1	
149	5745	18.89	18.91	PASS
157	5785	18.80	18.94	PASS
165	5825	18.79	18.93	PASS

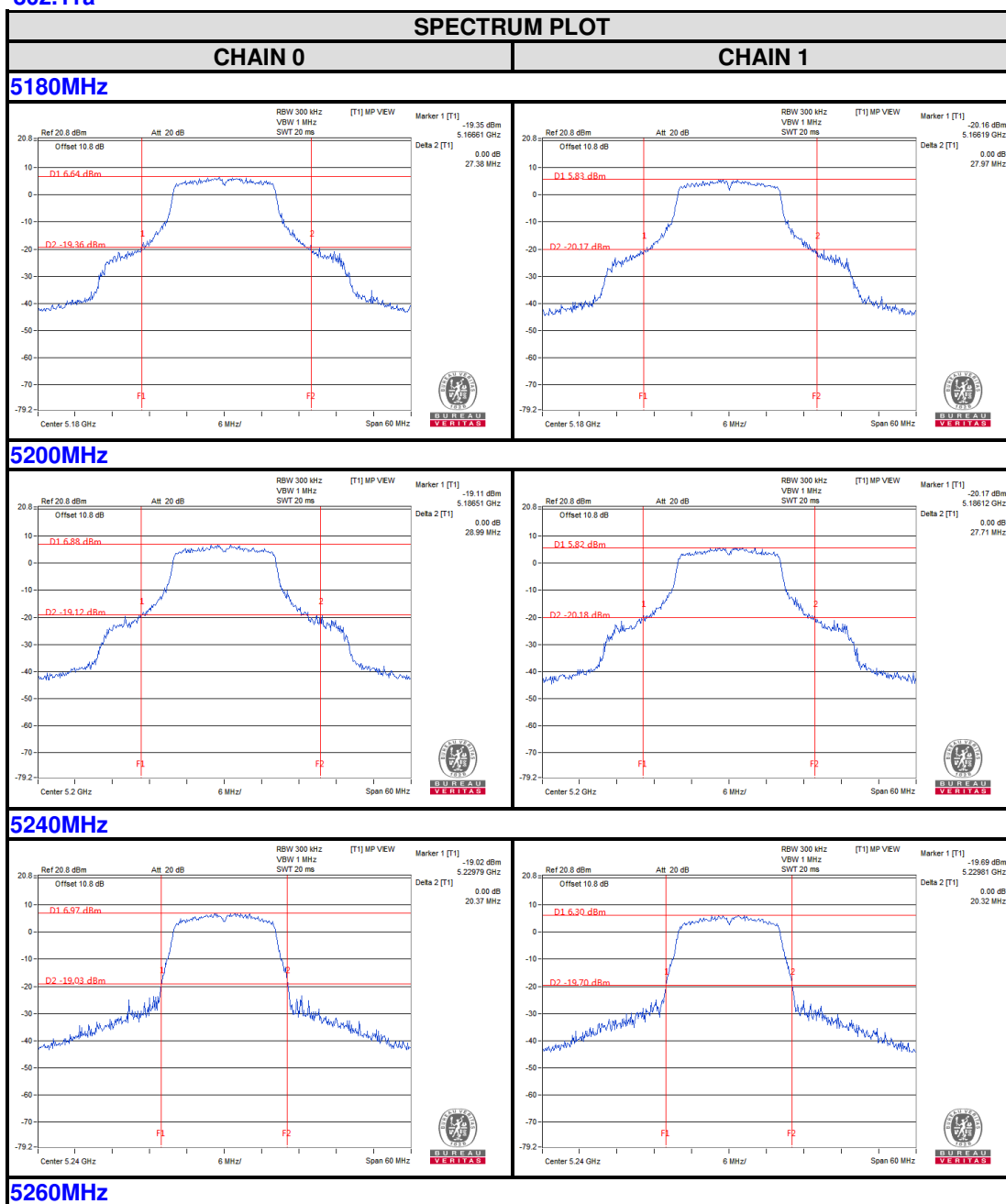
802.11ax (40M)

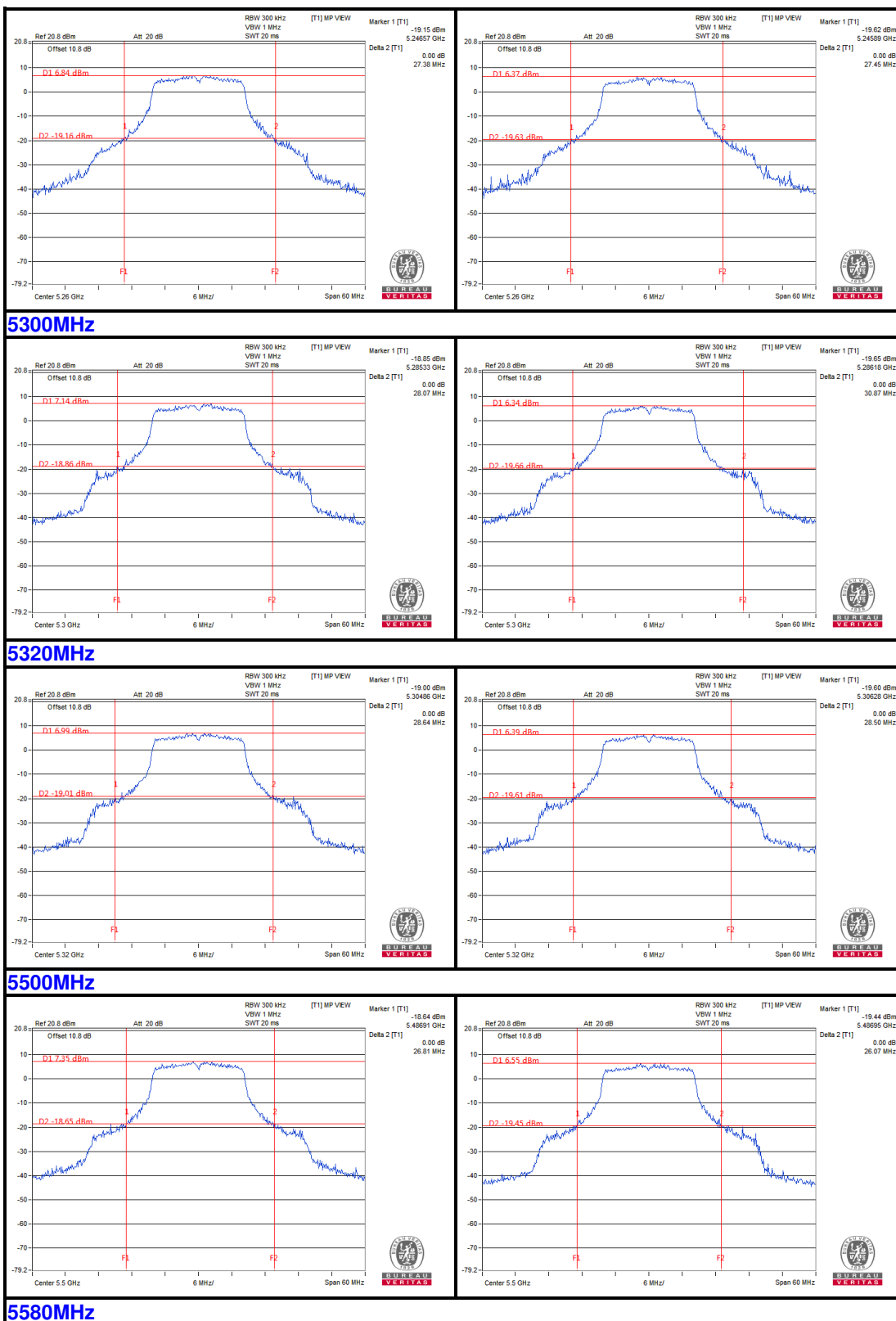
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		Chain 0	Chain 1	
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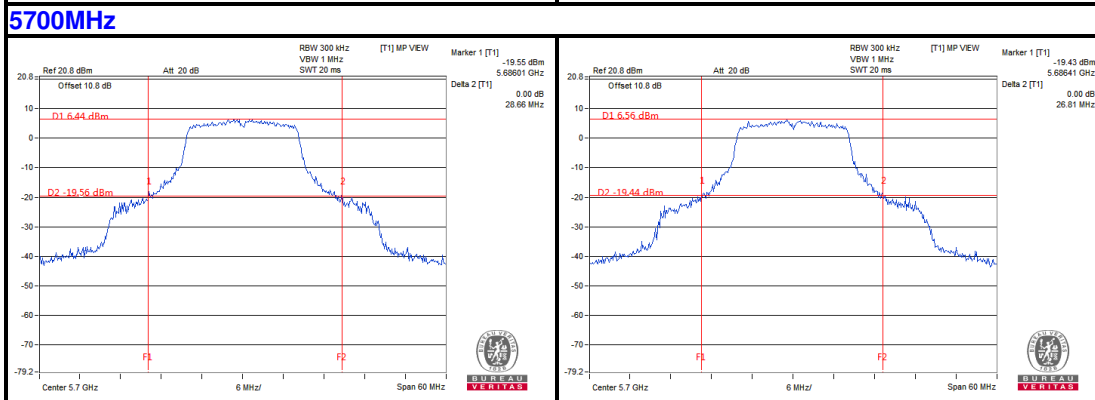
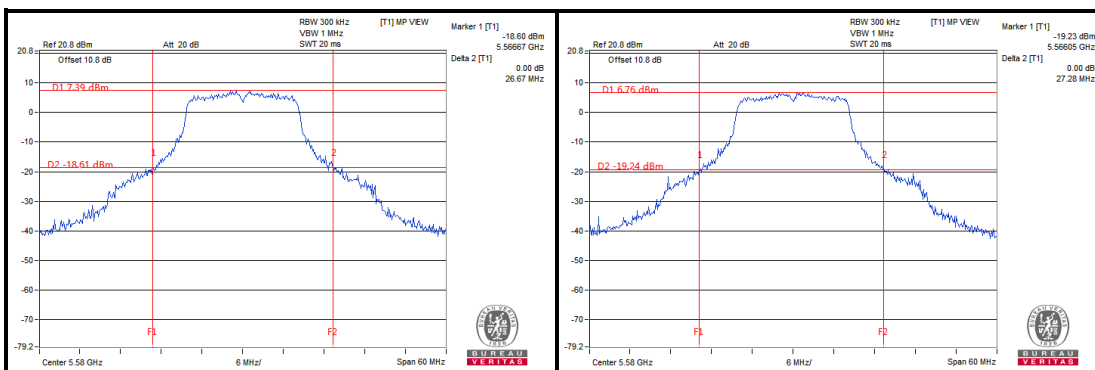
802.11ax (80MHz)

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		Chain 0	Chain 1	
155	5775	76.12	75.43	PASS

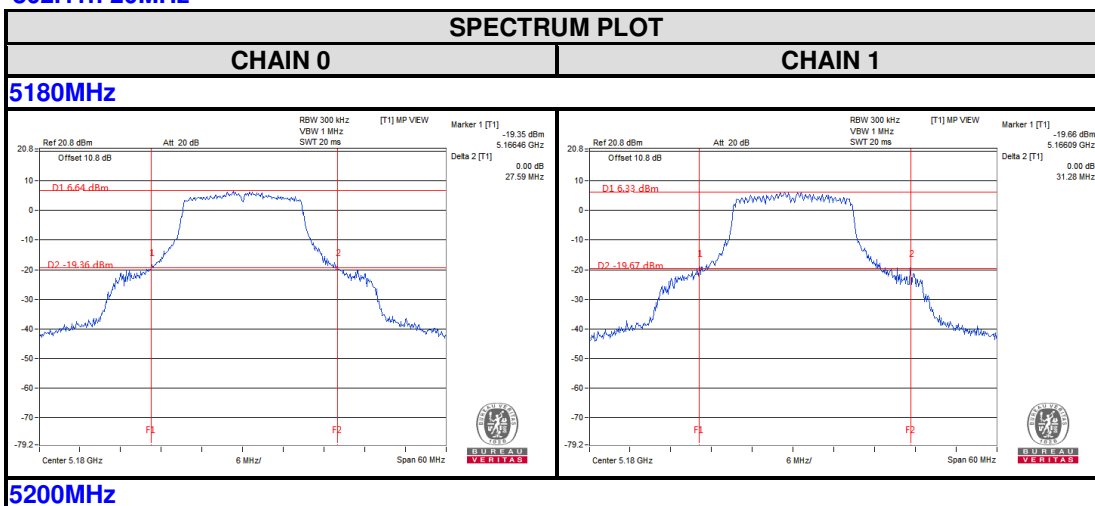
26dB bandwidth Test Plot
802.11a

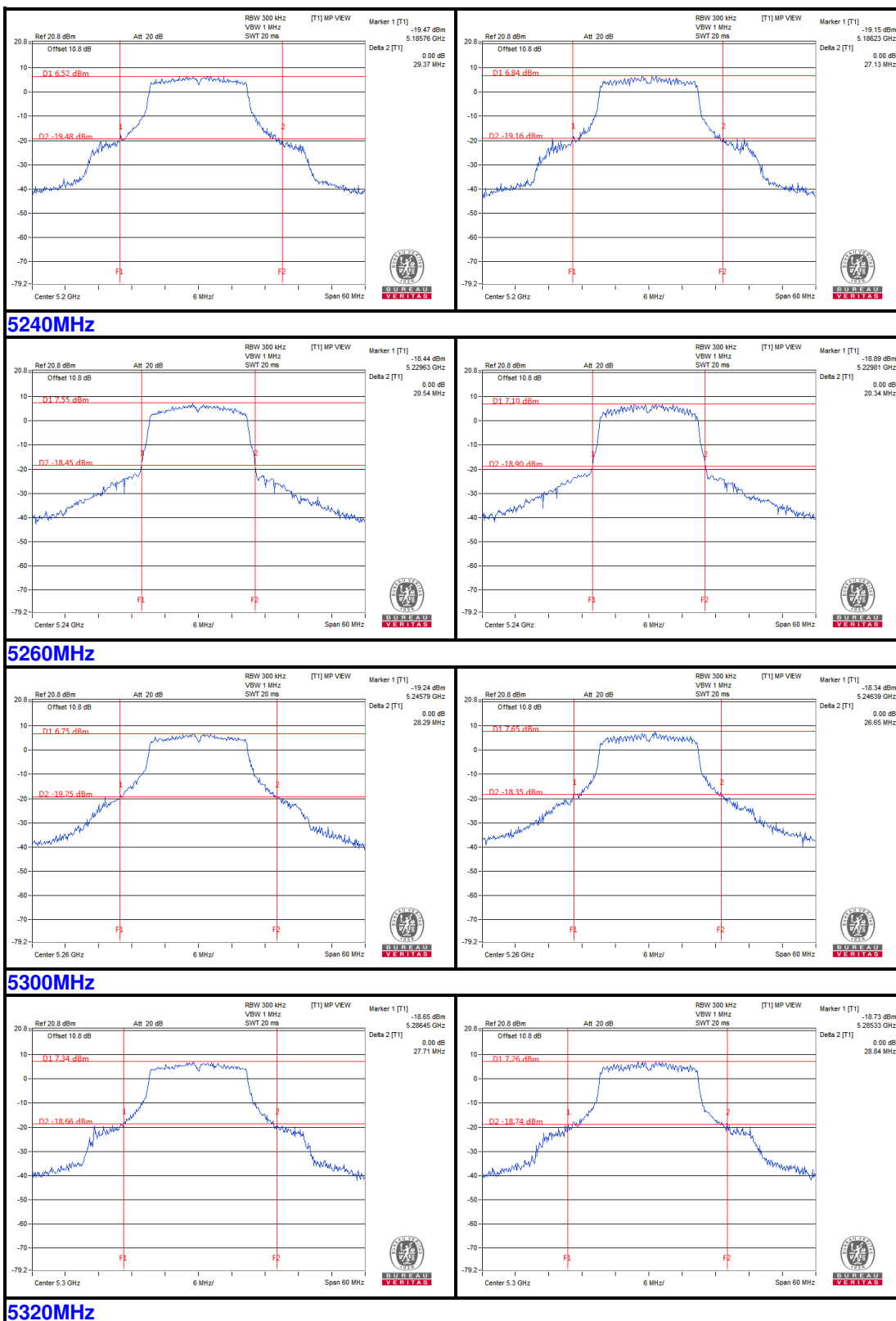


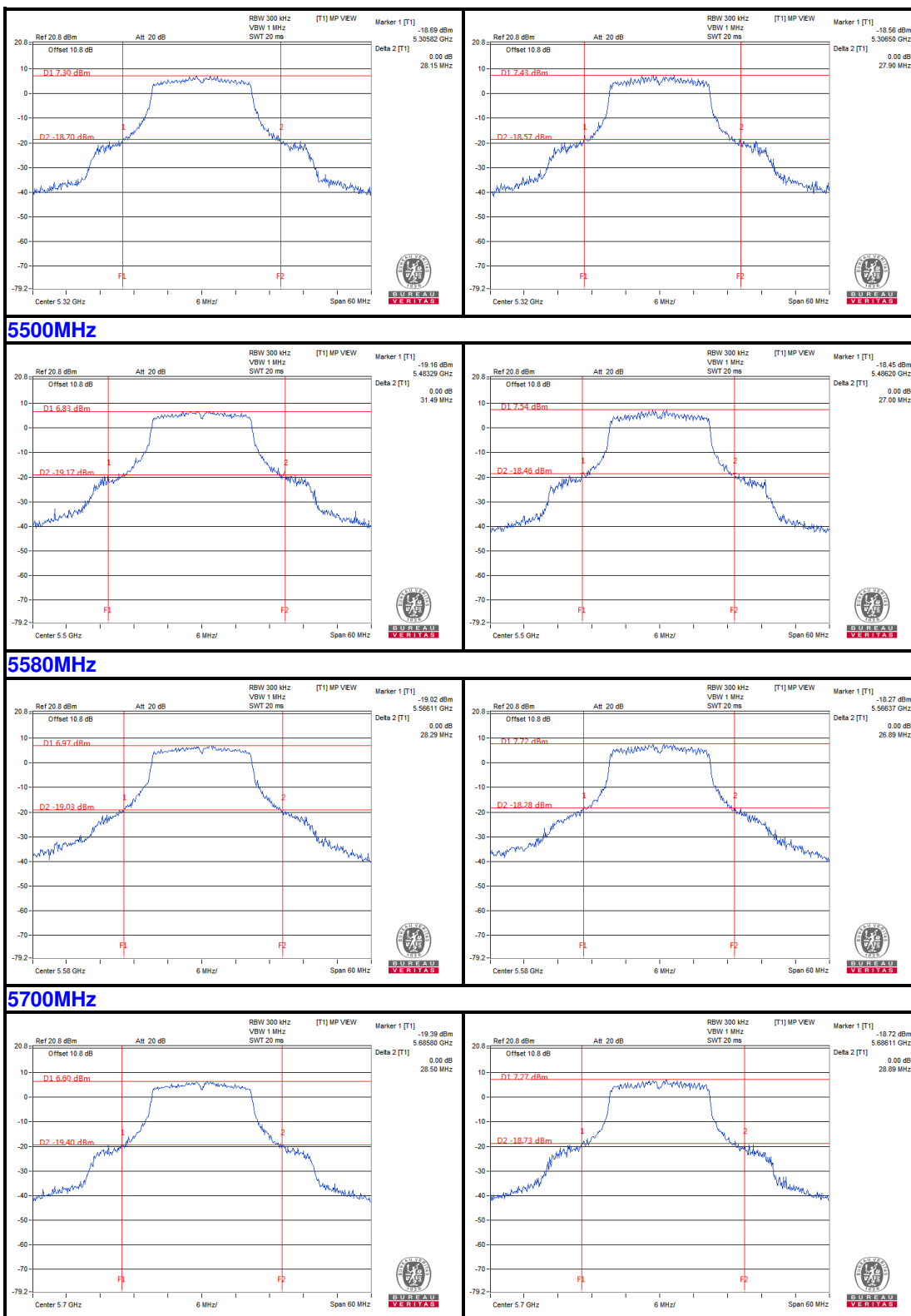




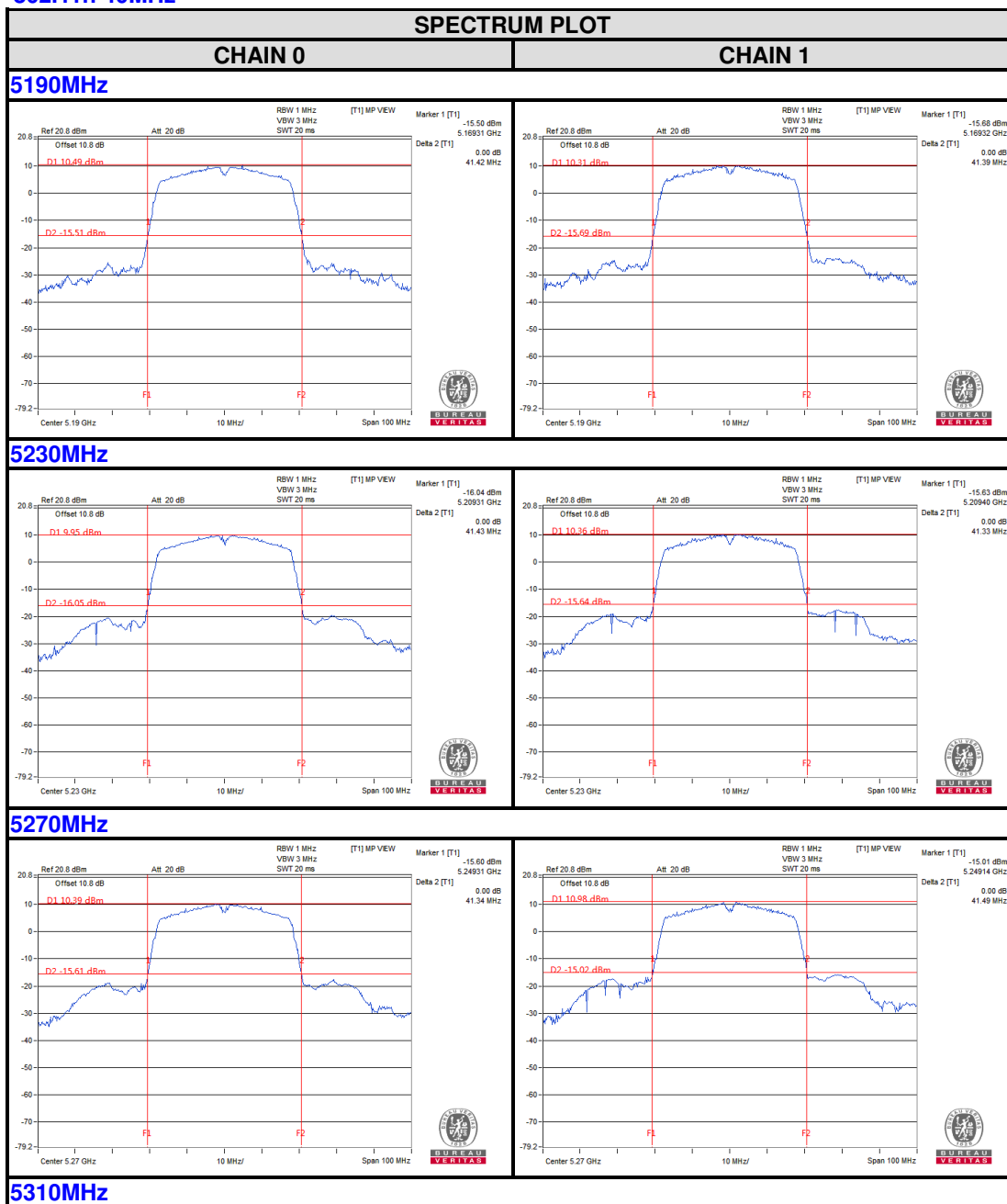
802.11n 20MHz

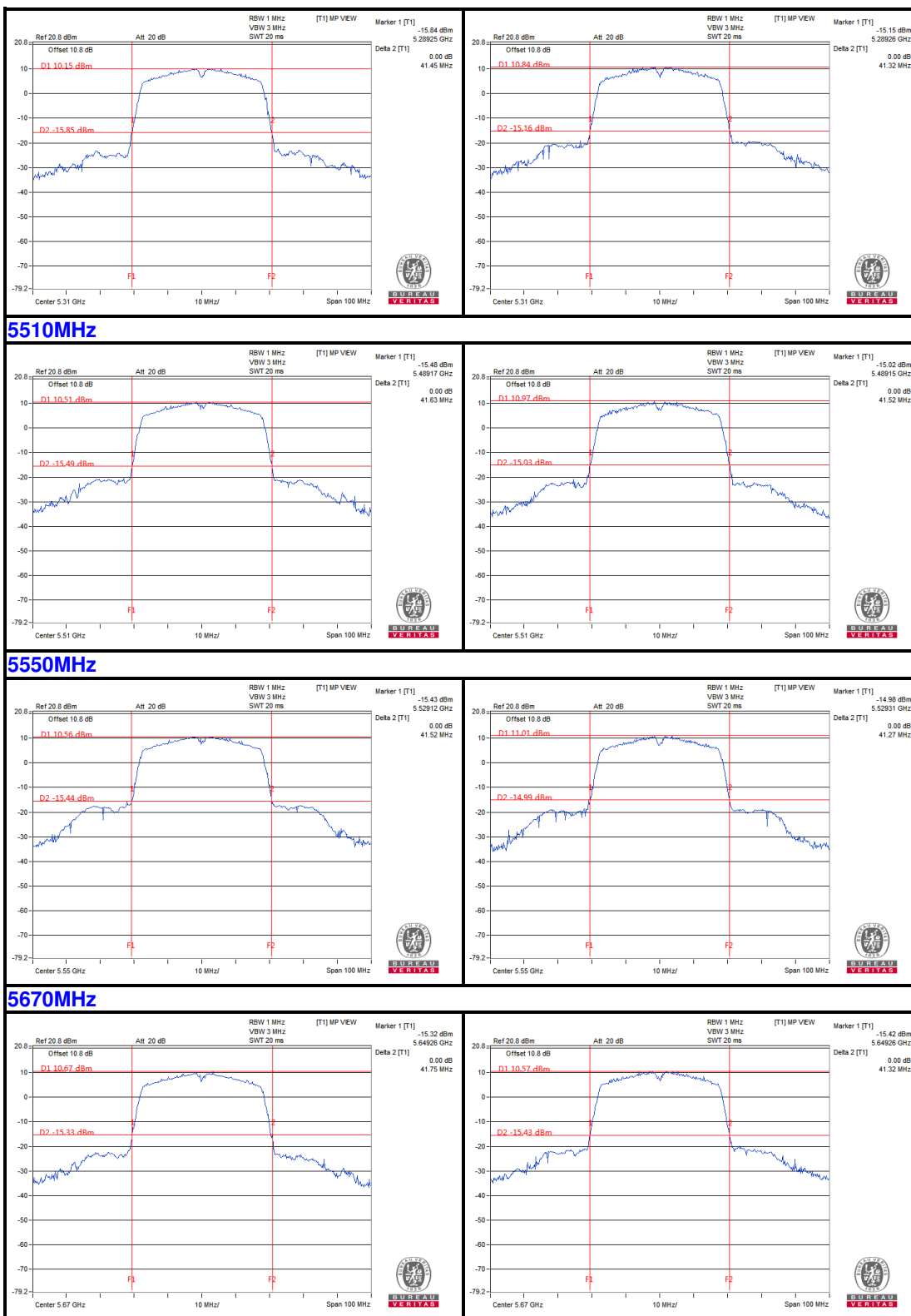




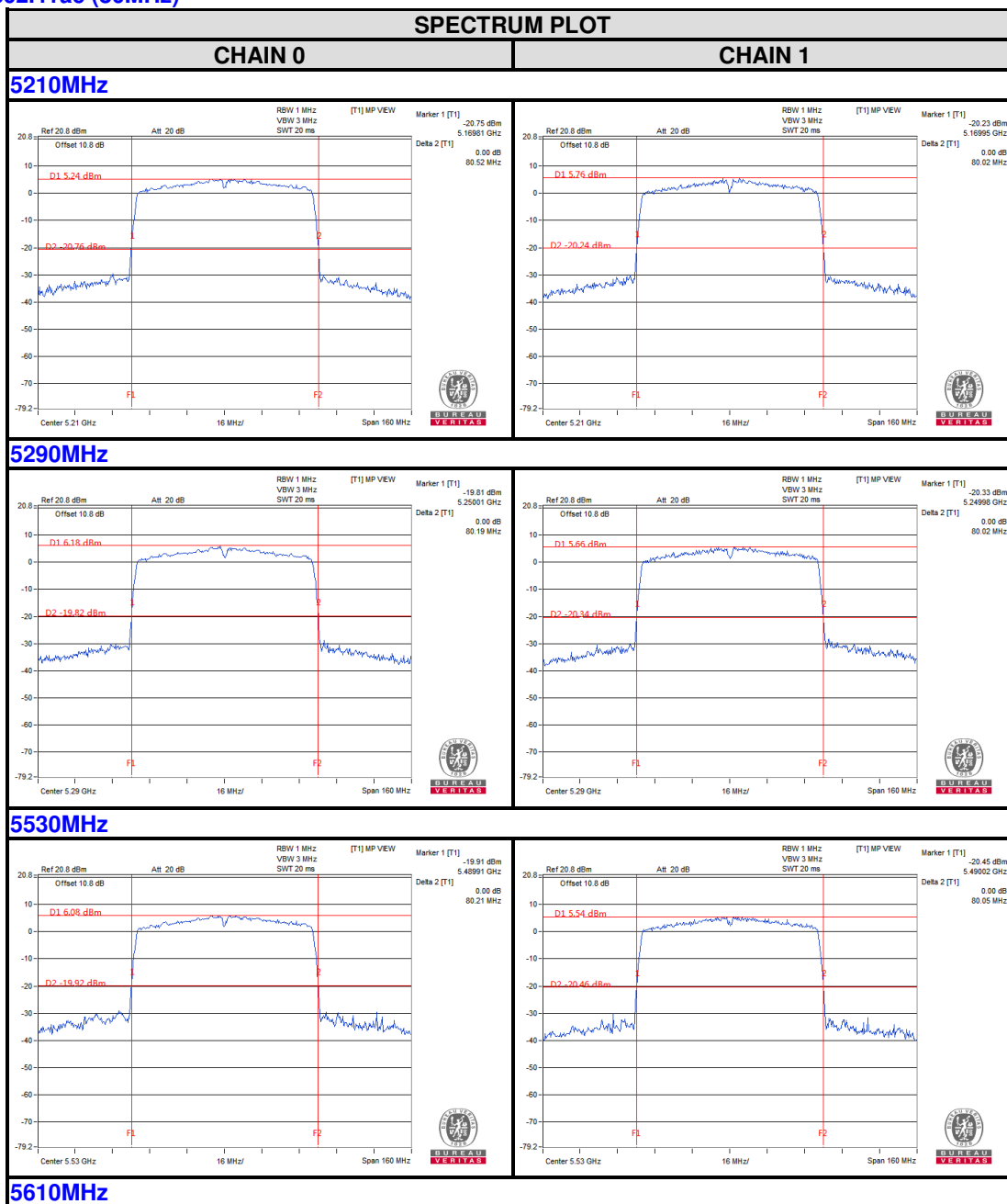


802.11n 40MHz





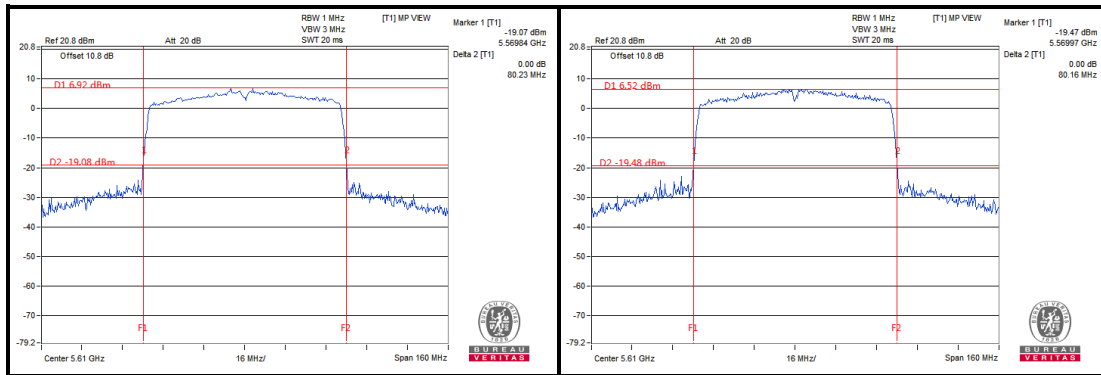
802.11ac (80MHz)





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Test Report No.: RF2407WDG0195-4

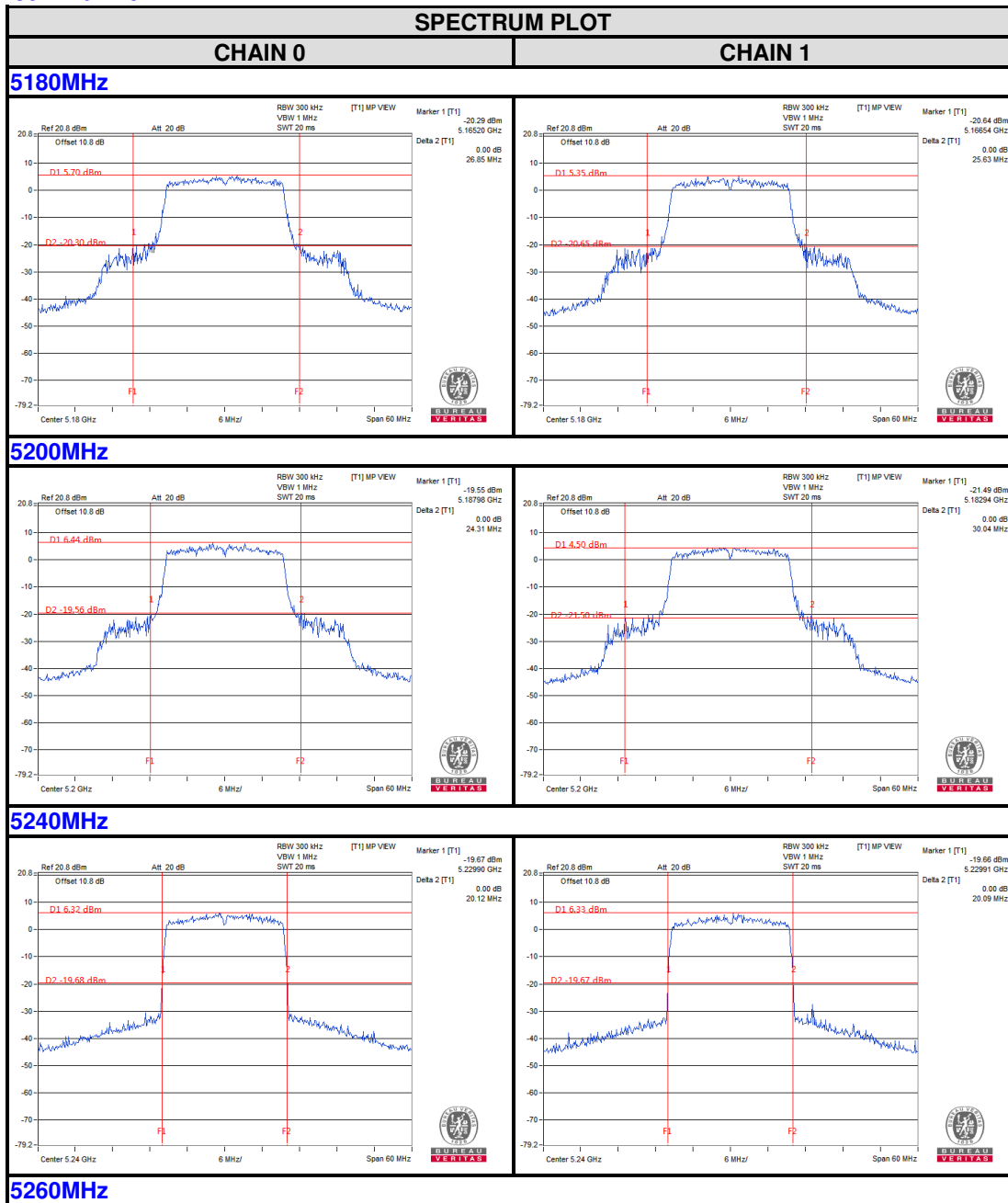


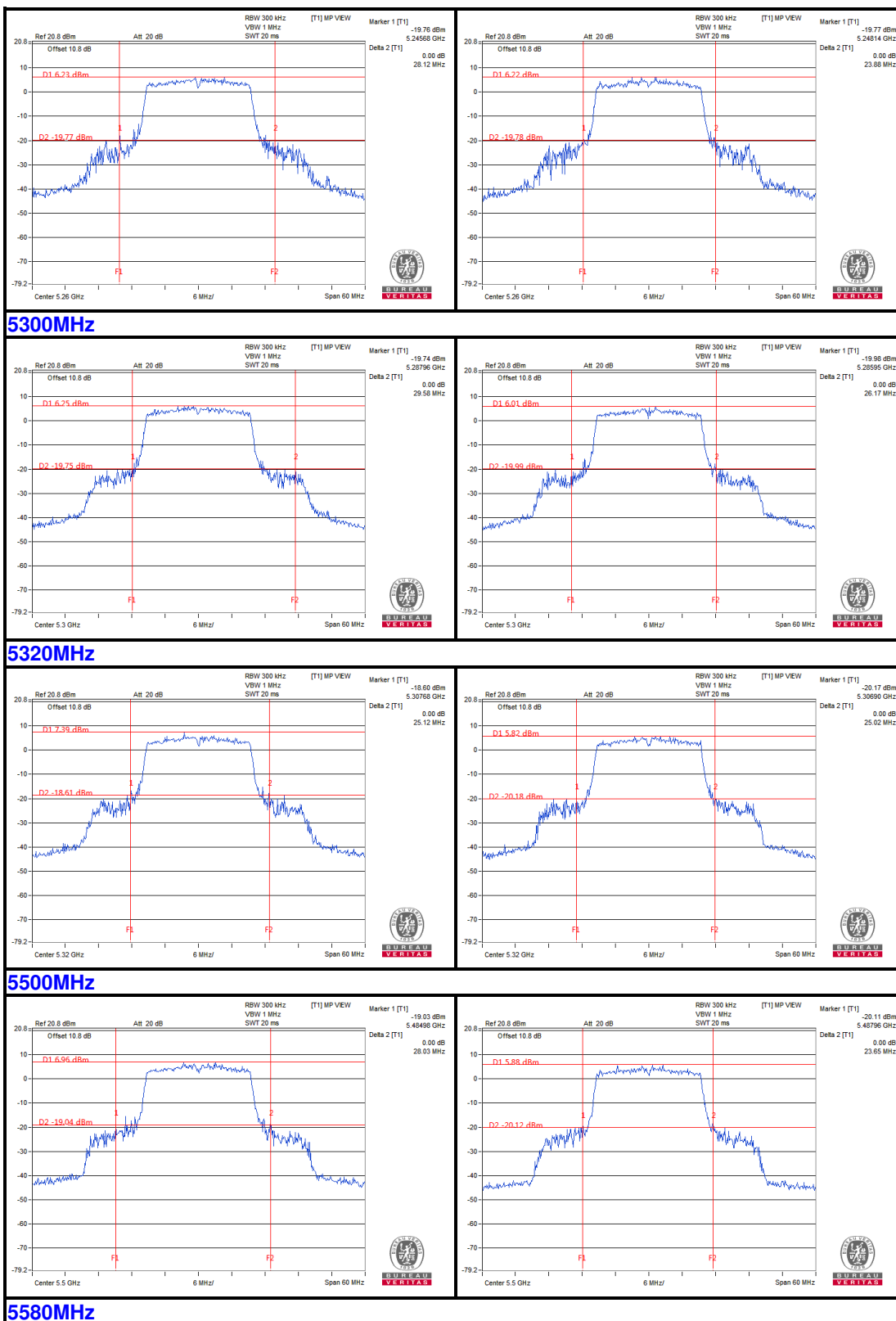
Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

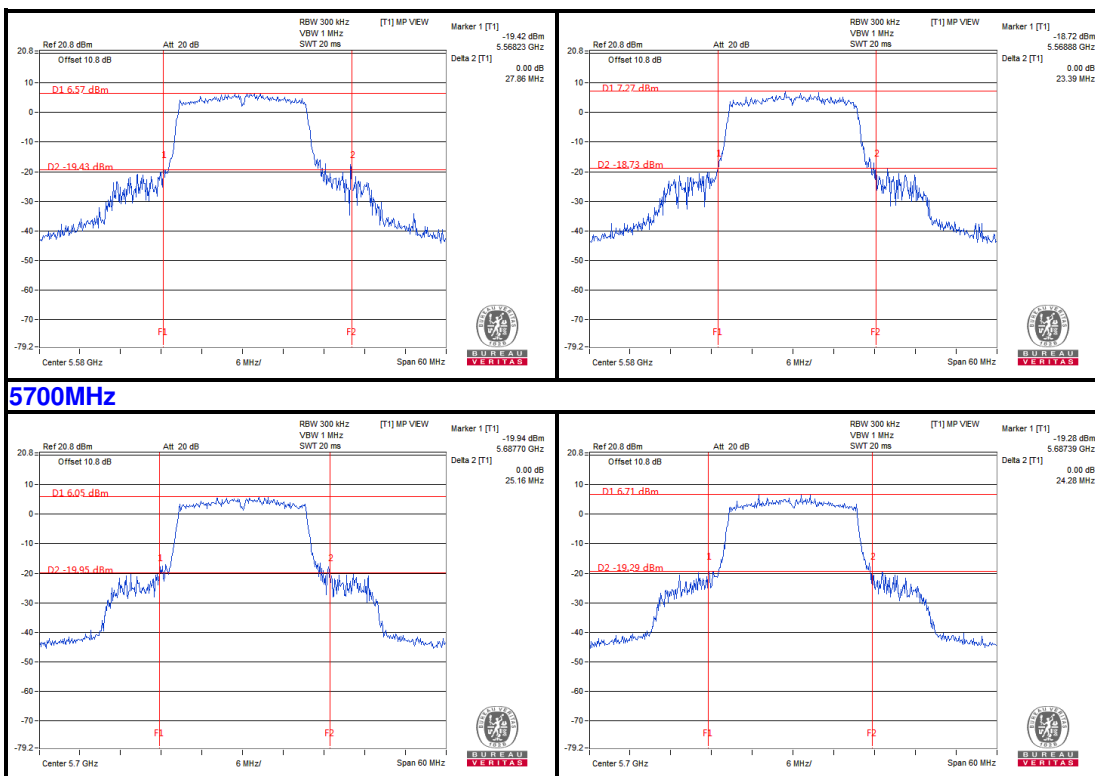
No. 96, Guantai Road (Houjie Section), Houjie
Town, Dongguan City, Guangdong Province.
523942. People's Republic of China.

Tel: +86 769 8998 2098
Fax: +86 769 8593 1080
Email: customerservice.dg@bureauveritas.com

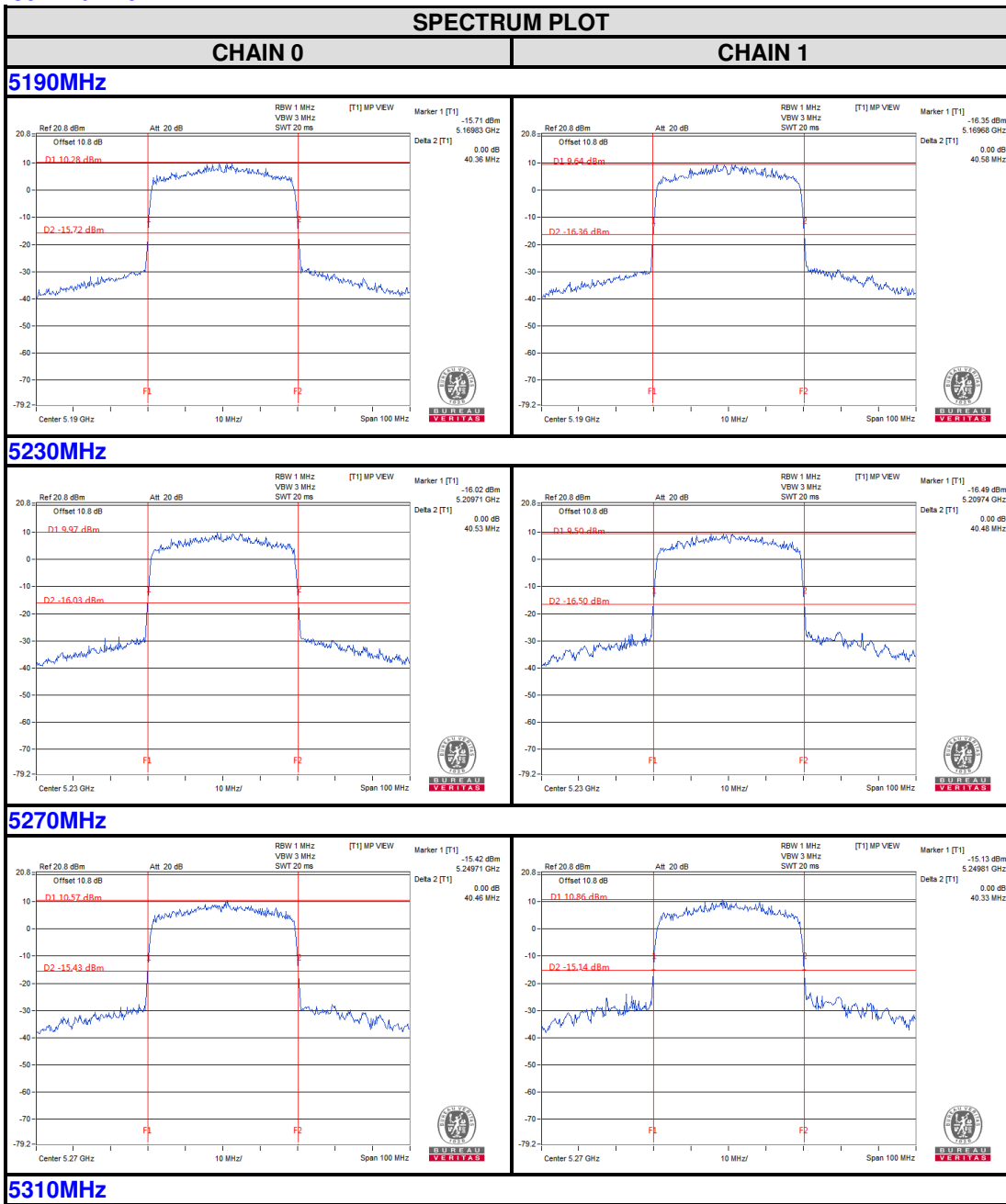
802.11ax 20MHz

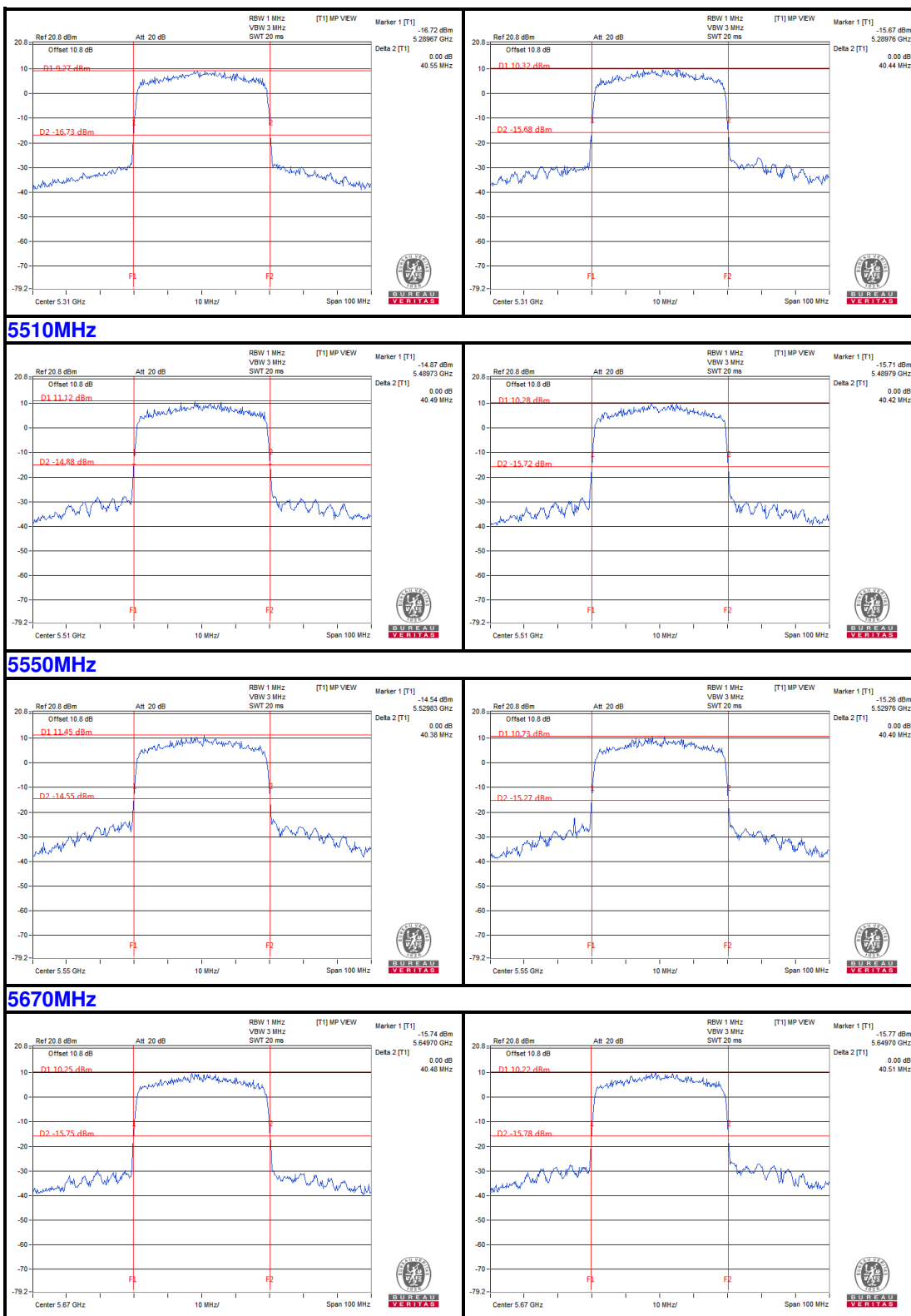




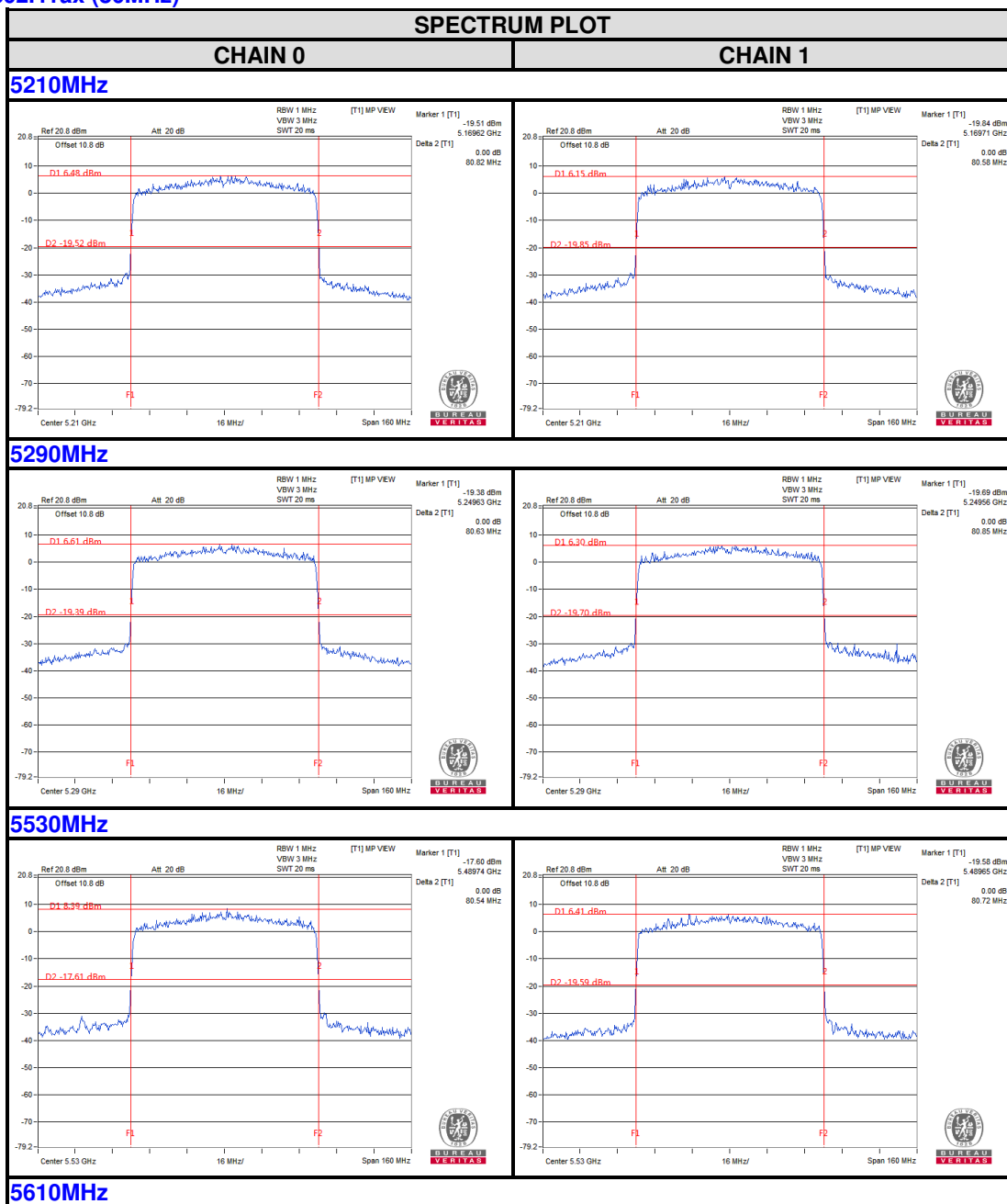


802.11ax 40MHz





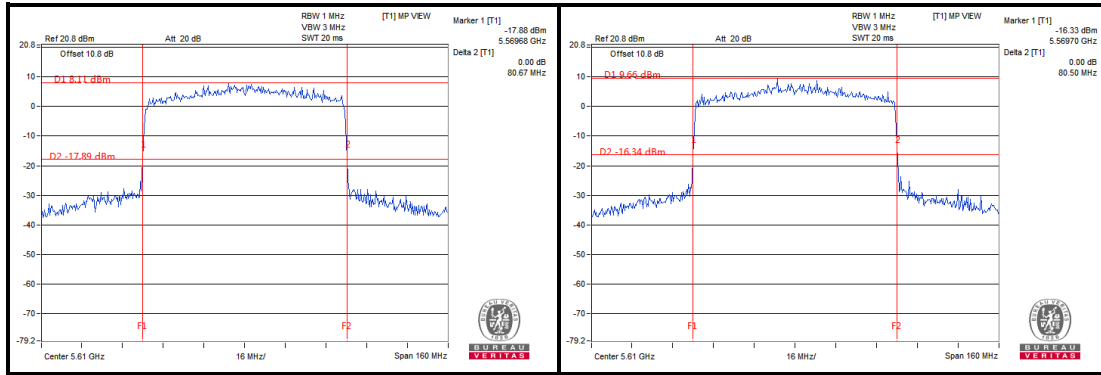
802.11ax (80MHz)





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Dongguan Branch

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Town, Dongguan City, Guangdong Province.
523942. People's Republic of China.

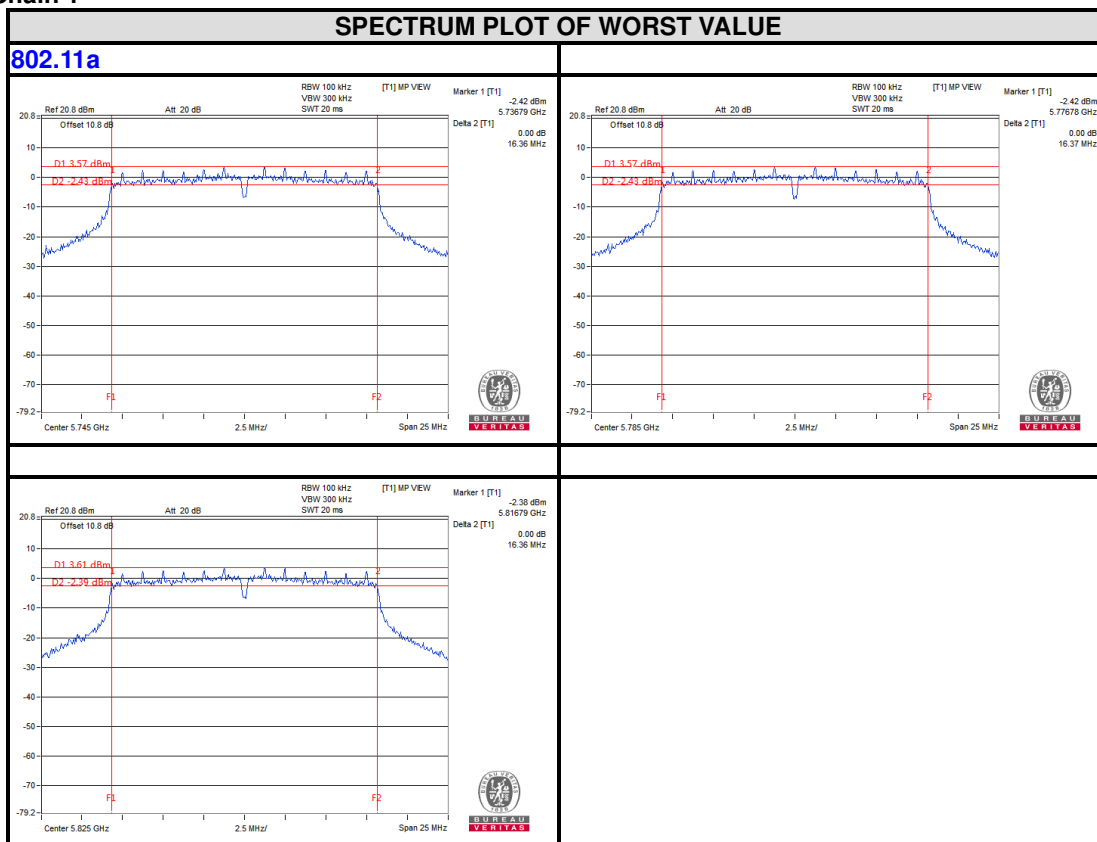
Tel: +86 769 8998 2098
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Email: customerservice.dg@bureauveritas.com

6dB BANDWIDTH For 5725-5850MHz

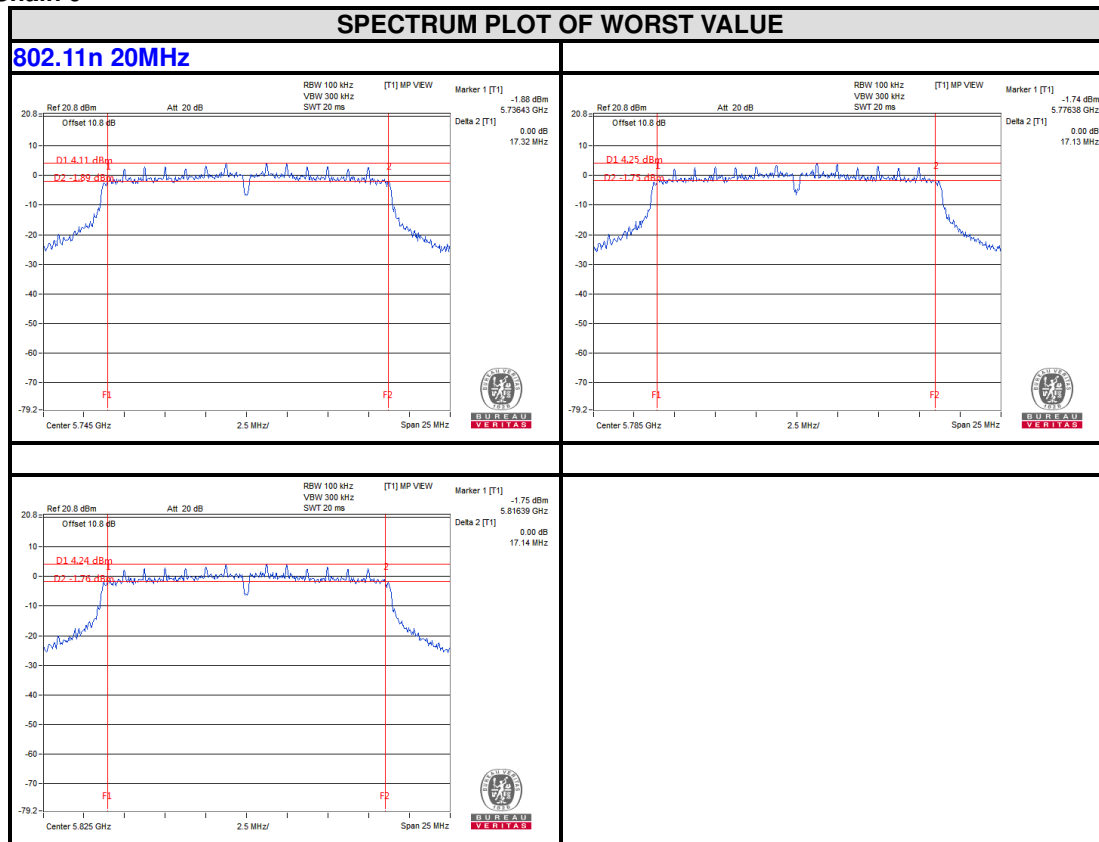
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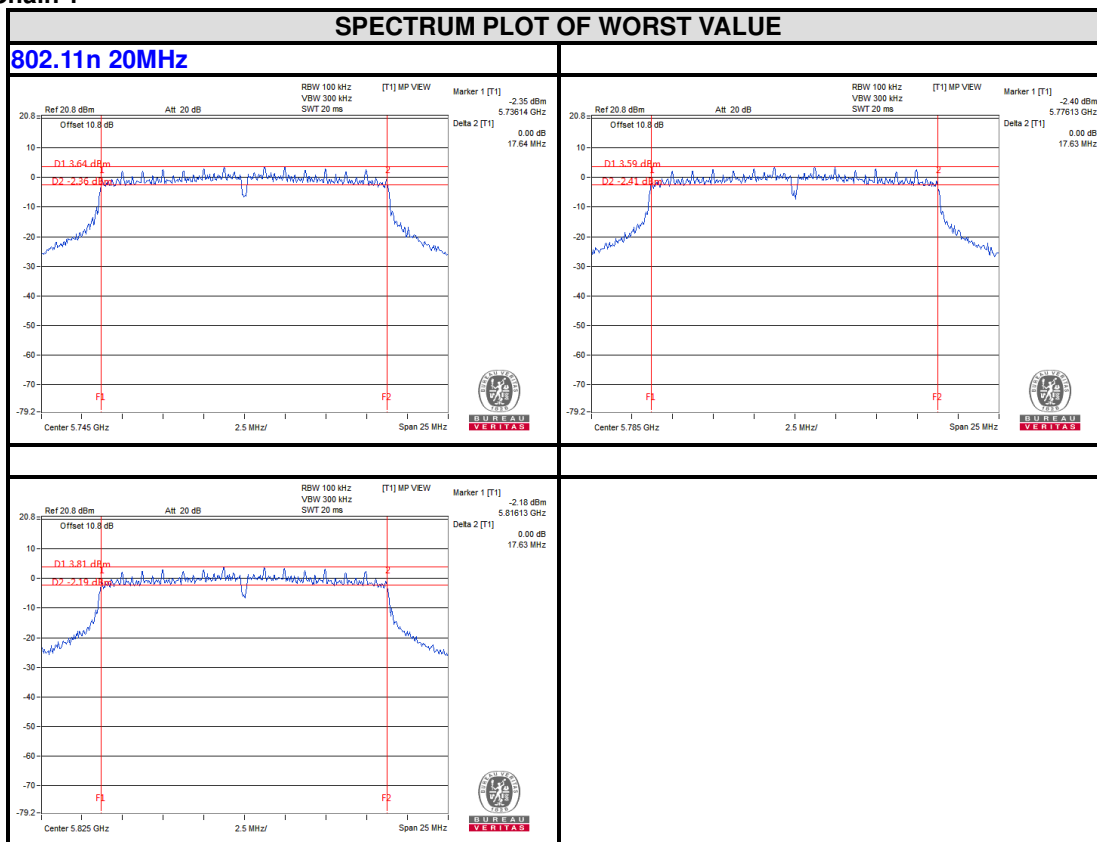
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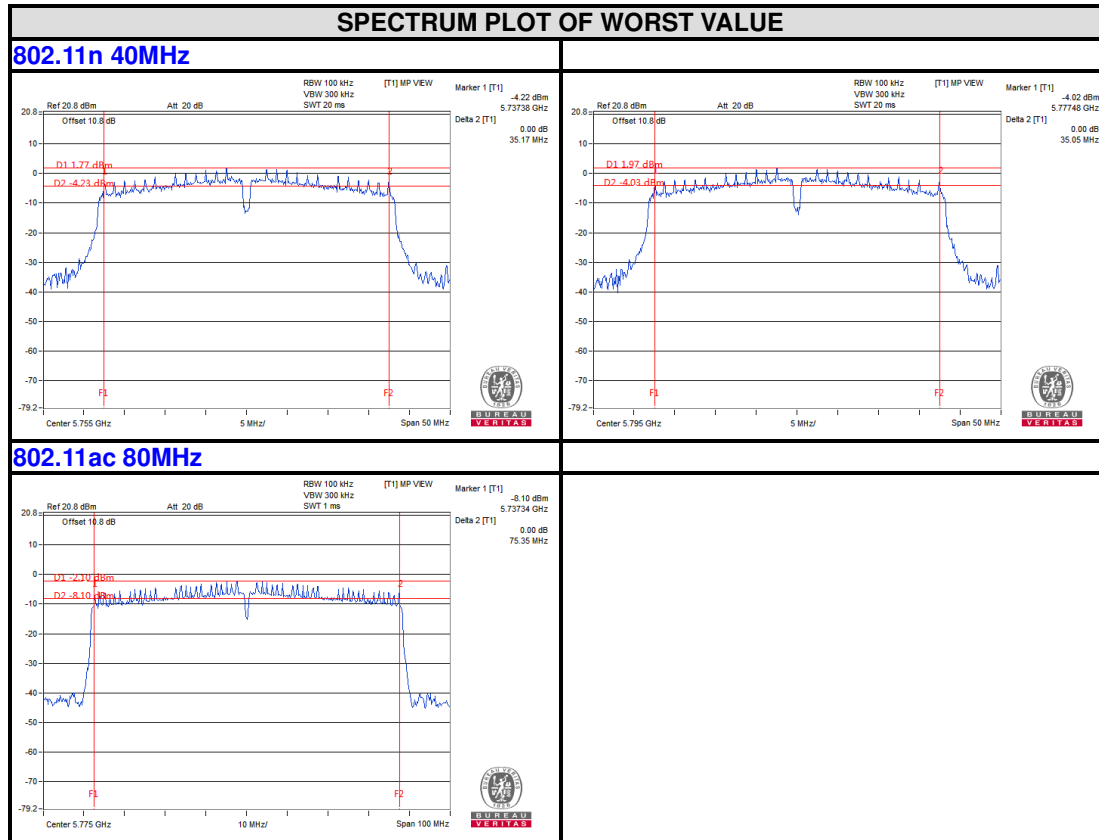
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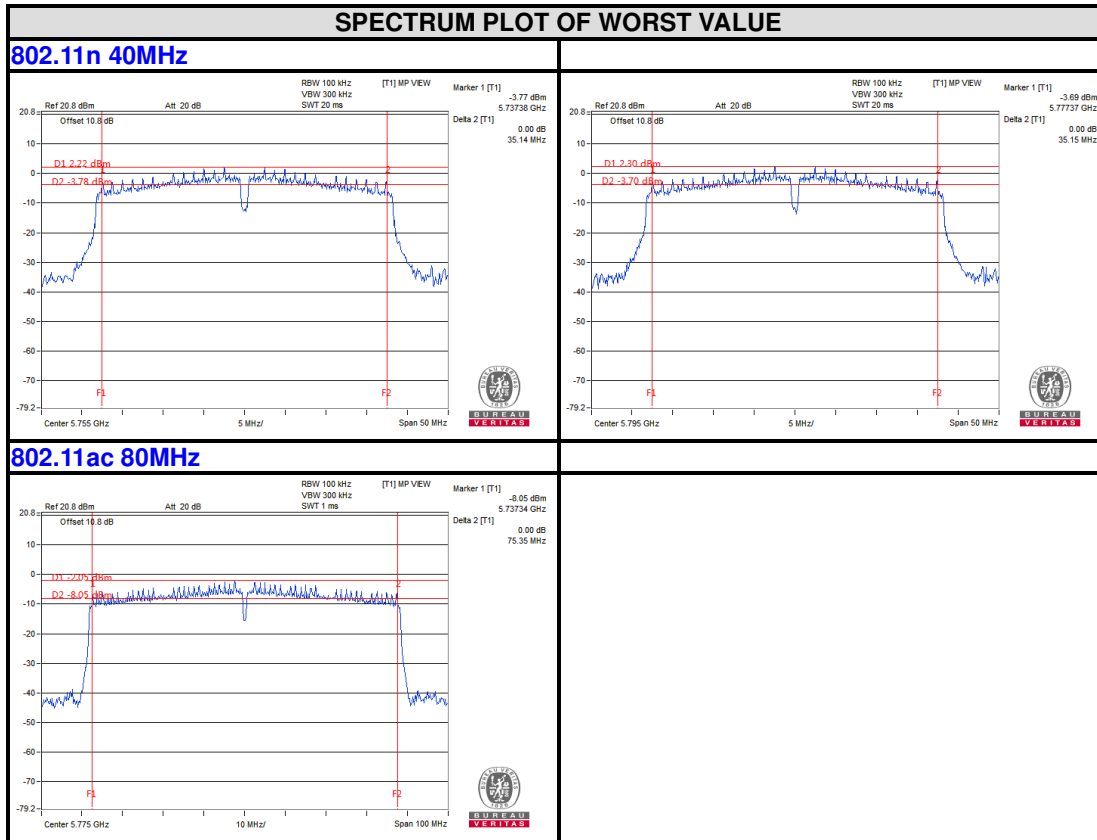
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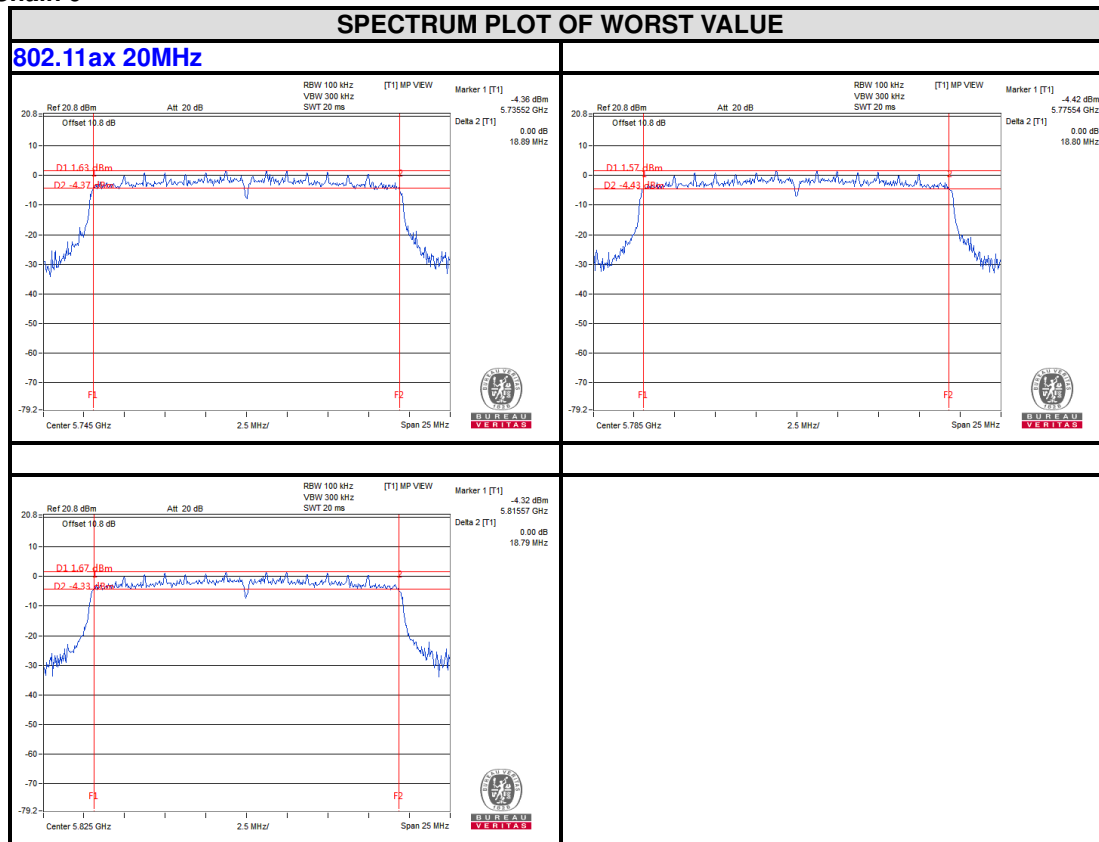
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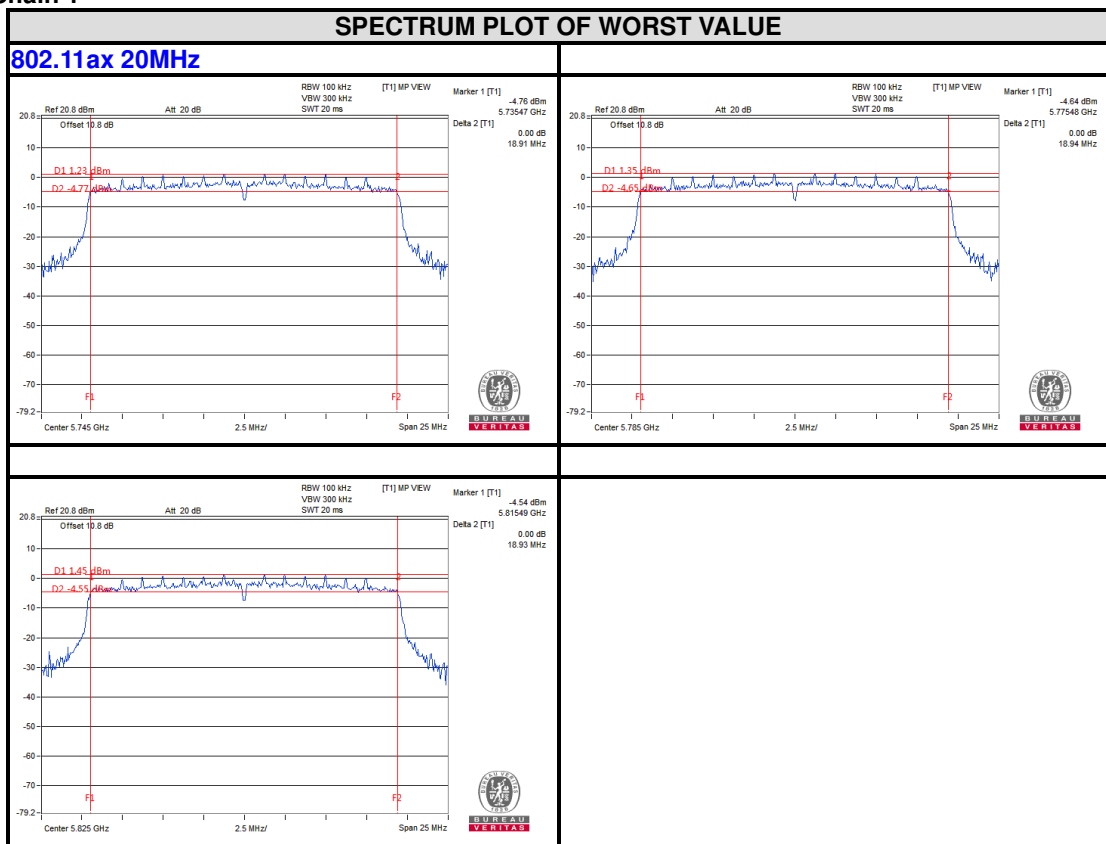
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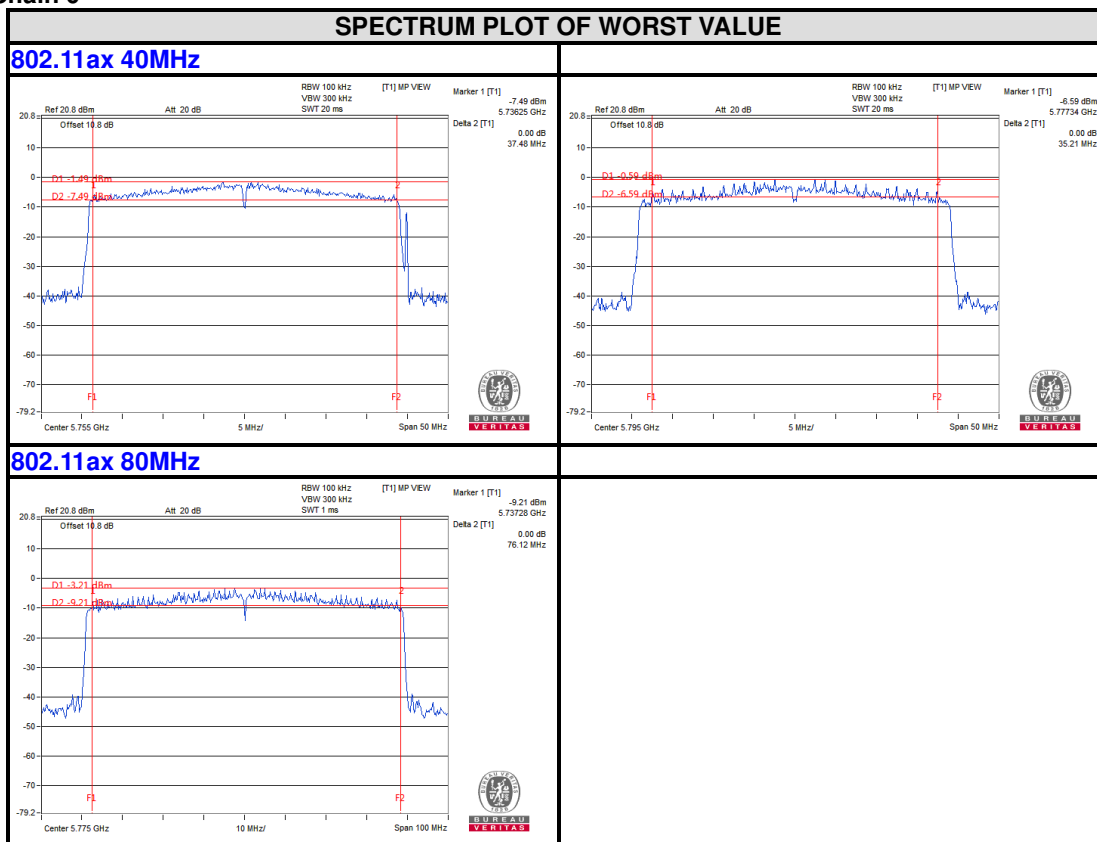
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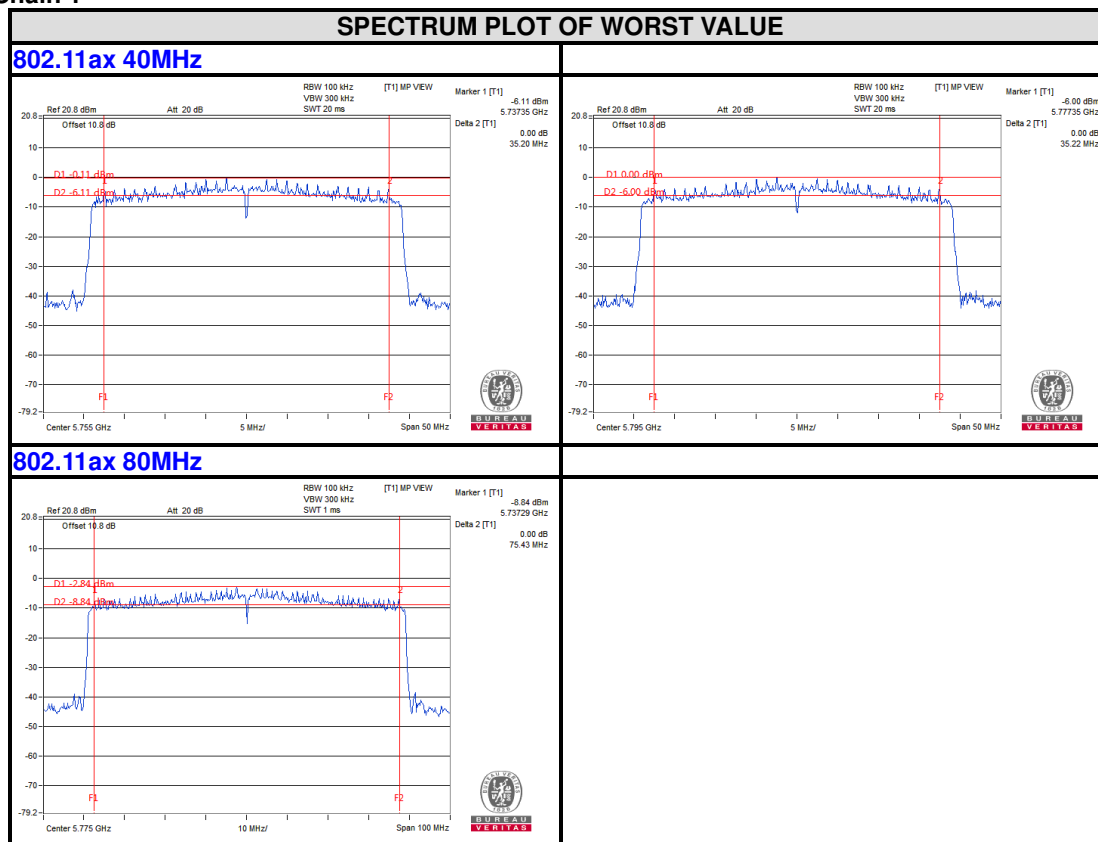
Chain 1



Chain 0



Chain 1



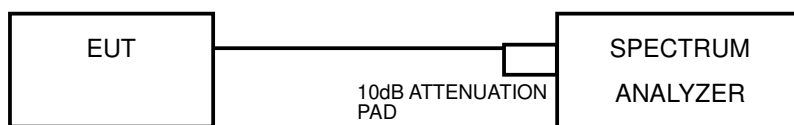
3.4 PEAK POWER SPECTRAL DENSITY MEASUREMENT

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

Ant. No.	Antenna Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
Chain 0	FPC	4.46dBi	4.38dBi	5.69dBi	4.96dBi
Chain 1	FPC	5.13dBi	5.13dBi	6.57dBi	6.43dBi
Directional Gain		7.81dBi	7.77dBi	9.15dBi	8.74dBi
Note: 1. The manufacturer declares that this EUT does not support CDD functionality					
Note: 2. Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi					

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**

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Limit (dBm)	Pass / Fail
		Chain 0	Chain 1		
36	5180	-0.04	-1.67	11.00	PASS
40	5200	-1.22	-2.13	11.00	PASS
48	5240	-0.70	-2.66	11.00	PASS
52	5260	0.96	-0.02	11.00	PASS
60	5300	-1.36	-1.98	11.00	PASS
64	5320	-1.38	-1.67	11.00	PASS
100	5500	-1.72	-2.53	10.43	PASS
116	5580	-0.74	-0.42	10.43	PASS
140	5700	-2.89	-0.70	10.43	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: Directional Gain < 6dBi, so the limit is no need to be reduced.

3 For U-NII-2A: Directional Gain < 6dBi, so the limit is no need to be reduced.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 6.57-6 = 0.57, so the PSD limit shall be reduced to 11-0.57 = 7.85dBm.

802.11n (20MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
36	5180	-5.88	-5.88	-2.87	9.19	PASS
40	5200	-4.67	-5.36	-1.99	9.19	PASS
48	5240	-5.28	-5.32	-2.29	9.19	PASS
52	5260	-2.51	-2.83	0.34	9.23	PASS
60	5300	-1.29	-1.95	1.40	9.23	PASS
64	5320	-0.93	0.41	2.80	9.23	PASS
100	5500	-1.69	-1.74	1.30	7.85	PASS
116	5580	-2.15	-2.52	0.68	7.85	PASS
140	5700	-2.76	-2.68	0.29	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

3 For U-NII-2A: PSD Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the PSD limit shall be reduced to 11-1.77 = 9.23dBm.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

802.11n (40MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
38	5190	-6.90	-5.71	-3.25	9.19	PASS
46	5230	-9.32	-8.65	-5.96	9.19	PASS
54	5270	-5.29	-5.99	-2.62	9.23	PASS
62	5310	-4.84	-7.22	-2.86	9.23	PASS
102	5510	-7.32	-8.06	-4.66	7.85	PASS
110	5550	-5.56	-8.47	-3.77	7.85	PASS
134	5670	-7.26	-3.89	-2.25	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

3 For U-NII-2A: PSD Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the PSD limit shall be reduced to 11-1.77 = 9.23dBm.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

802.11ac (80MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
42	5210	-18.85	-16.54	-14.53	9.19	PASS
58	5290	-16.41	-18.67	-14.38	9.23	PASS
106	5530	-18.49	-20.01	-16.17	7.85	PASS
122	5610	-18.39	-17.19	-14.74	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

3 For U-NII-2A: PSD Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the PSD limit shall be reduced to 11-1.77 = 9.23dBm.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

802.11ax (20MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
36	5180	-8.32	-8.64	-5.47	9.19	PASS
40	5200	-7.93	-8.13	-5.02	9.19	PASS
48	5240	-8.83	-8.82	-5.81	9.19	PASS
52	5260	-6.28	-6.33	-3.29	9.23	PASS
60	5300	-7.76	-8.66	-5.18	9.23	PASS
64	5320	-7.84	-7.90	-4.86	9.23	PASS
100	5500	-8.25	-8.87	-5.54	7.85	PASS
116	5580	-7.37	-5.91	-3.57	7.85	PASS
140	5700	-8.79	-7.00	-4.79	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

3 For U-NII-2A: PSD Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the PSD limit shall be reduced to 11-1.77 = 9.23dBm.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

802.11ax (40MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
38	5190	-11.00	-10.69	-7.83	9.19	PASS
46	5230	-12.19	-11.44	-8.79	9.19	PASS
54	5270	-10.50	-9.96	-7.21	9.23	PASS
62	5310	-15.45	-15.12	-12.27	9.23	PASS
102	5510	-12.98	-13.60	-10.27	7.85	PASS
110	5550	-15.29	-15.96	-12.60	7.85	PASS
134	5670	-16.96	-15.86	-13.36	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

3 For U-NII-2A: PSD Limit Reduction = Directional Gain - 6dBi = 7.77-6 = 1.77, so the PSD limit shall be reduced to 11-1.77 = 9.23dBm.

4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

802.11ax (80MHz)

Chan.	Freq. (MHz)	RF Power Level in 1MHz BW (dBm)		Total PSD (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1			
42	5210	-11.46	-10.34	-7.85	9.19	PASS
58	5290	-10.64	-11.21	-7.91	9.23	PASS
106	5530	-9.27	-10.61	-6.88	7.85	PASS
122	5610	-10.58	-10.05	-7.30	7.85	PASS

Note: 1 The above power values include the duty cycle correction factor.

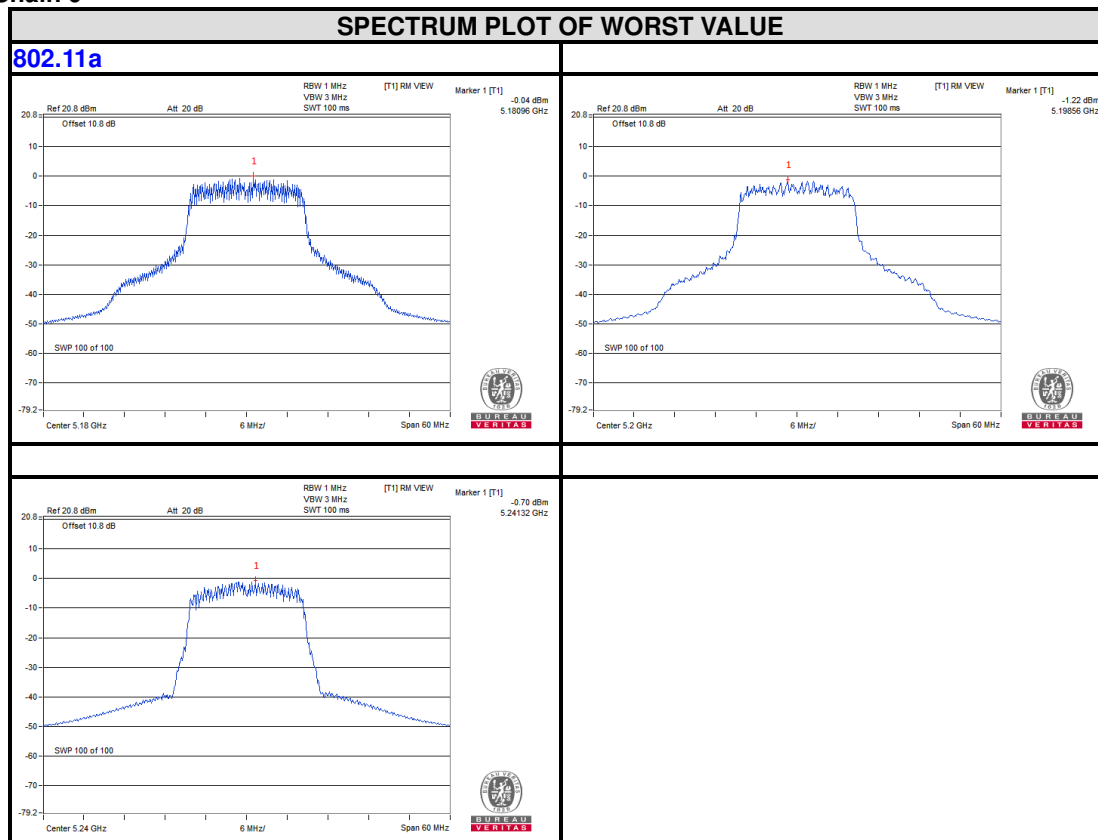
2 For U-NII-1: PSD Limit Reduction = Directional Gain - 6dBi = 7.81-6 = 1.81, so the PSD limit shall be reduced to 11-1.81 = 9.19dBm.

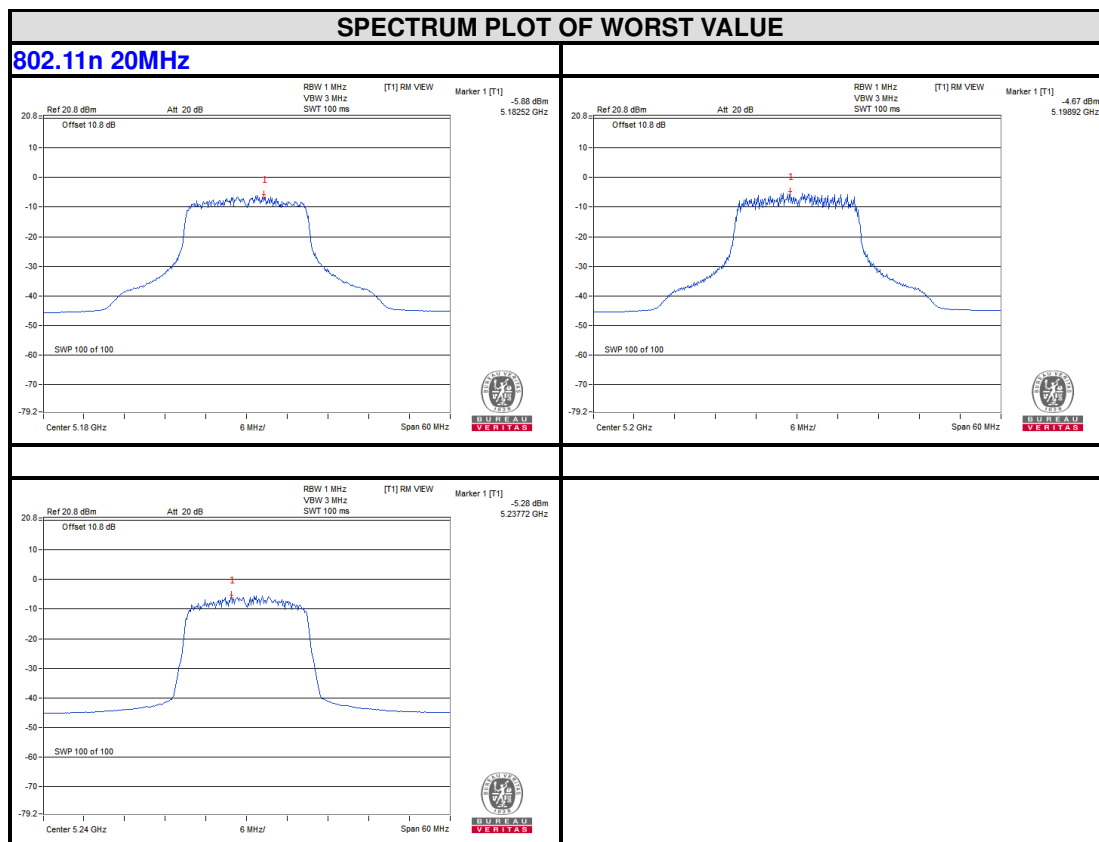
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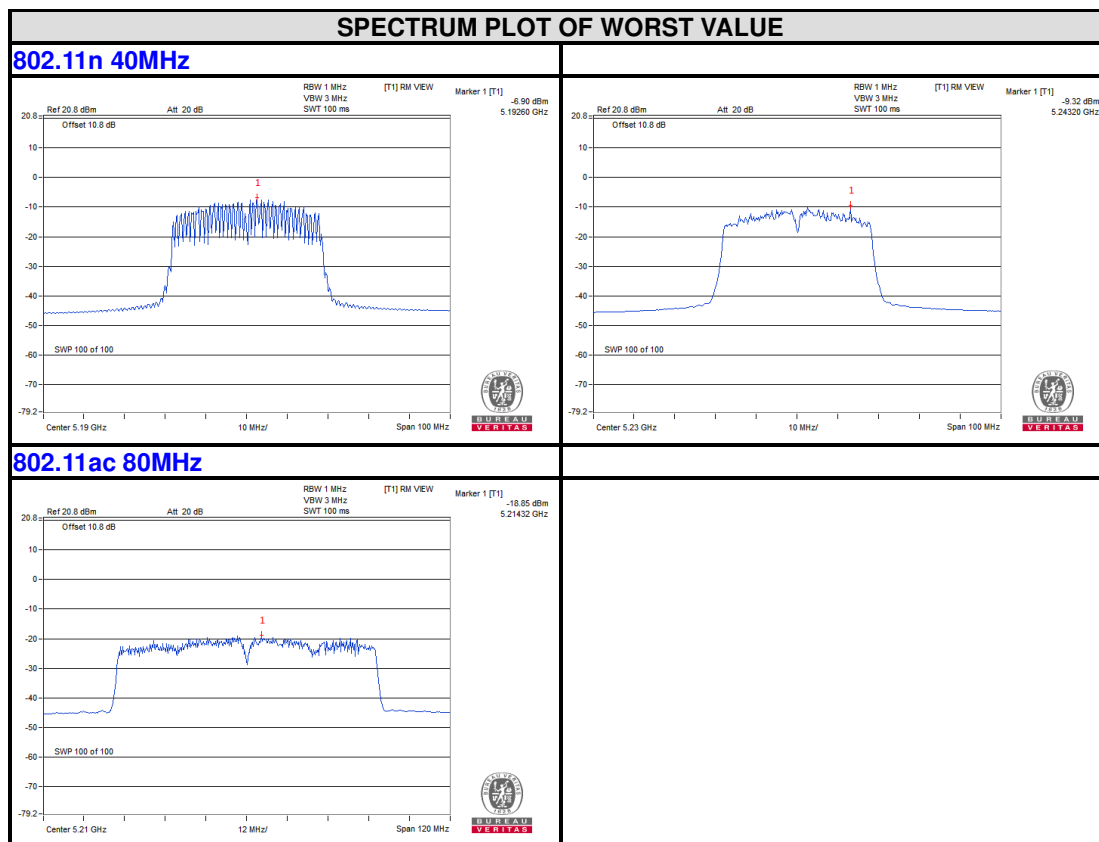
4 For U-NII-2C: PSD Limit Reduction = Directional Gain - 6dBi = 9.15-6 = 3.15, so the PSD limit shall be reduced to 11-3.15 = 7.85dBm.

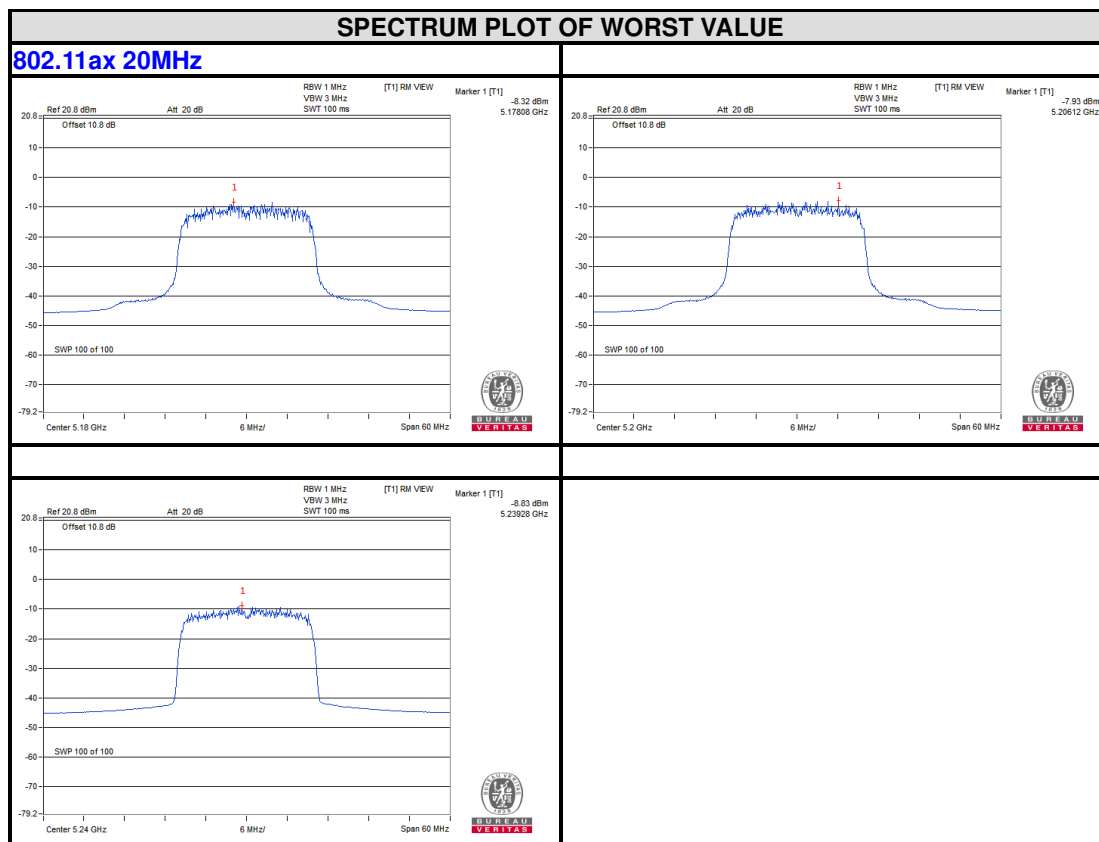
PSD Test Plot
5150-5250MHz

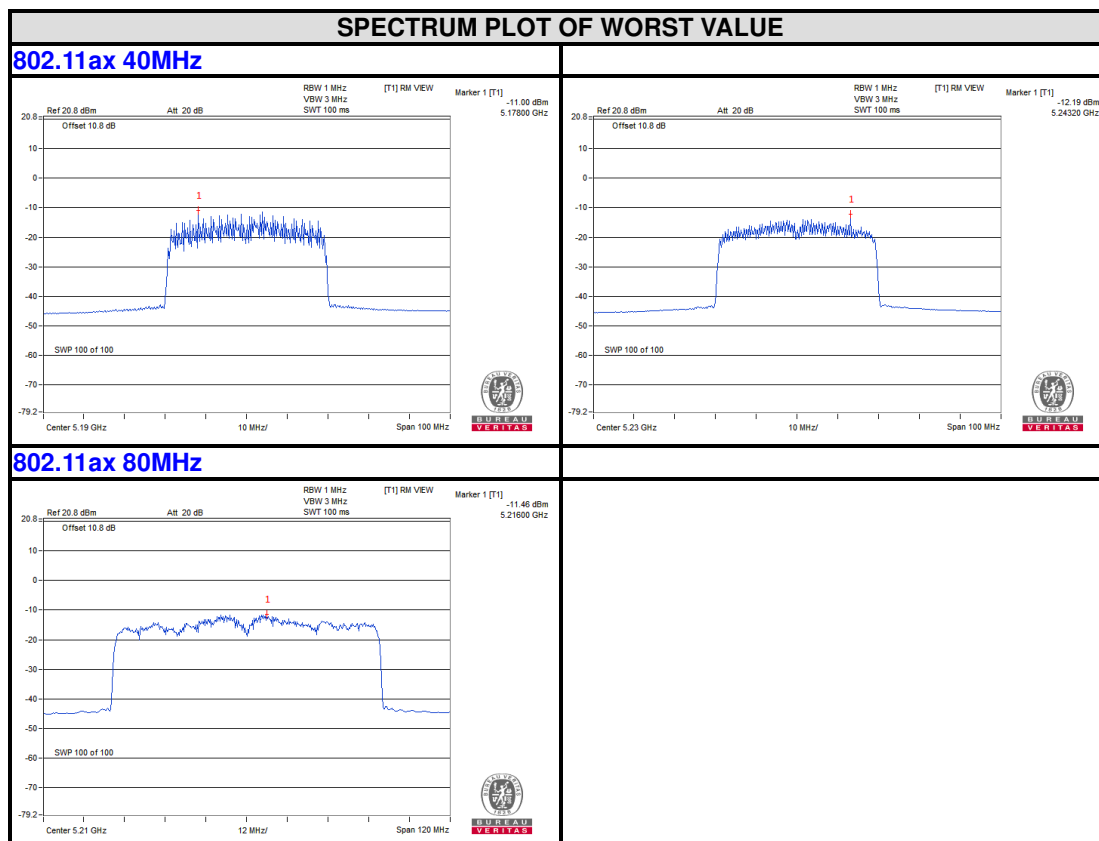
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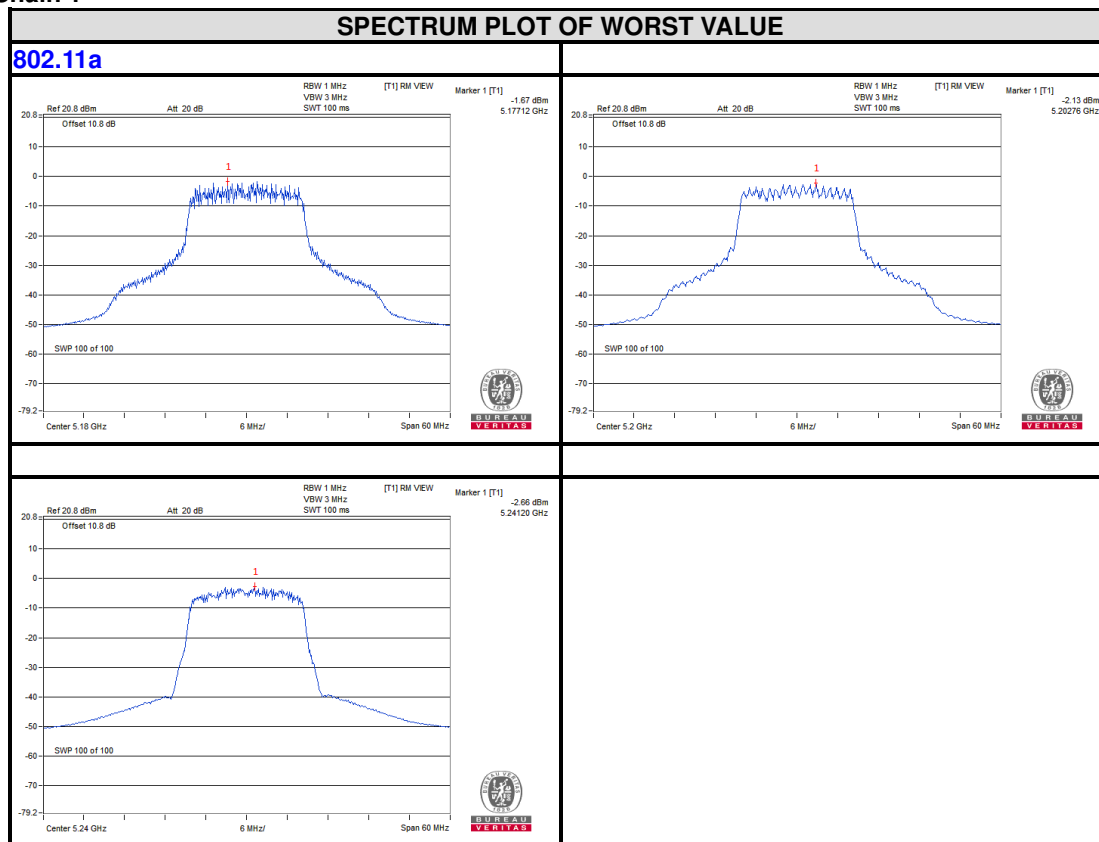


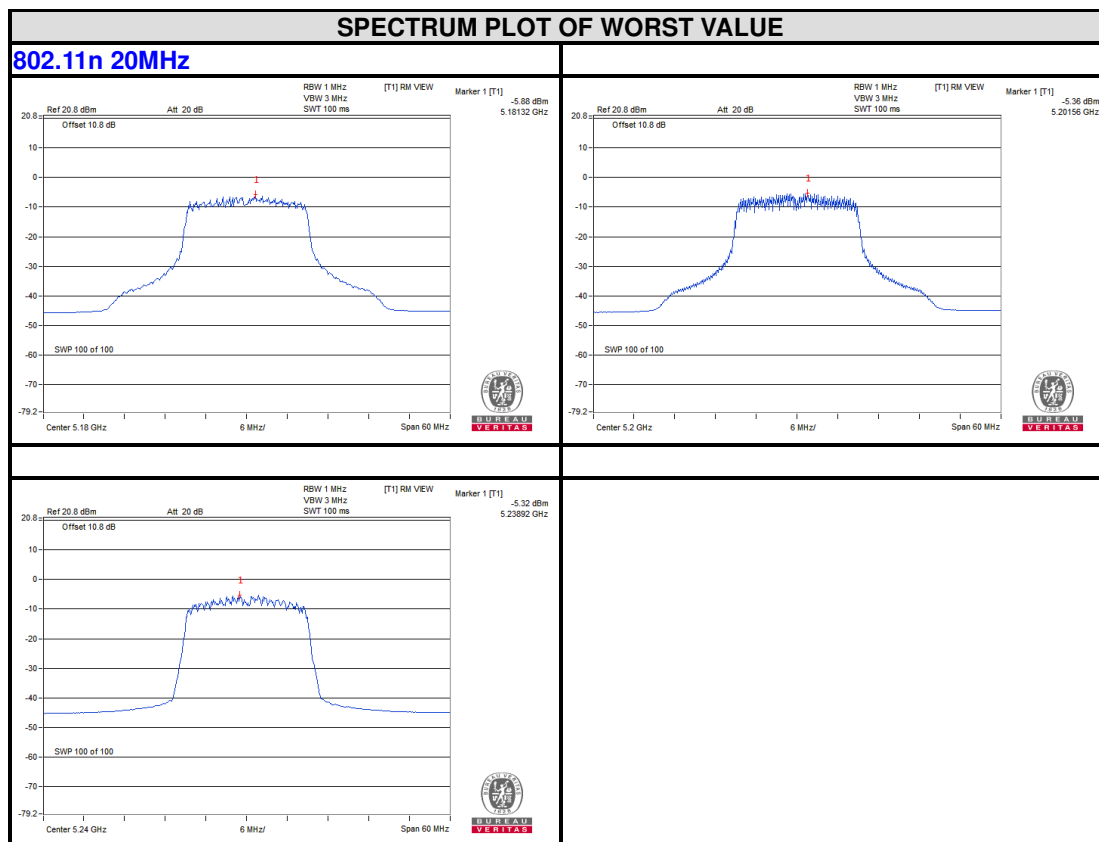


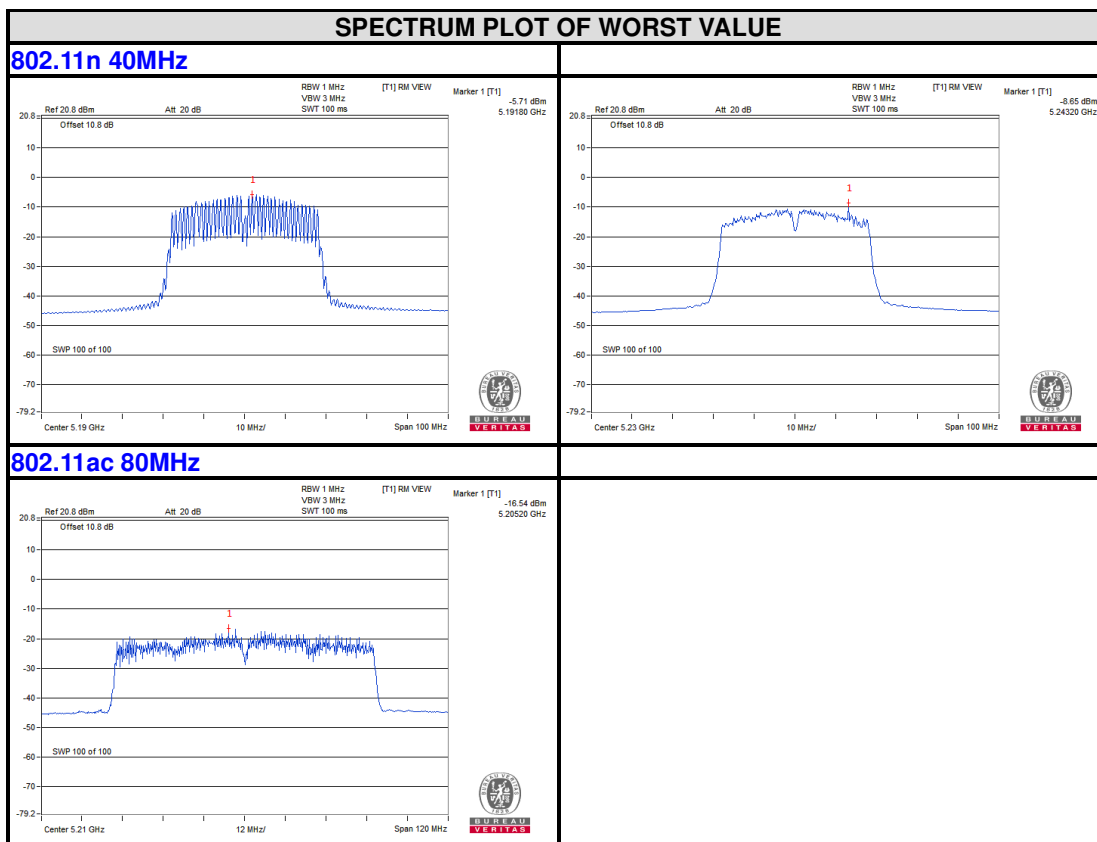




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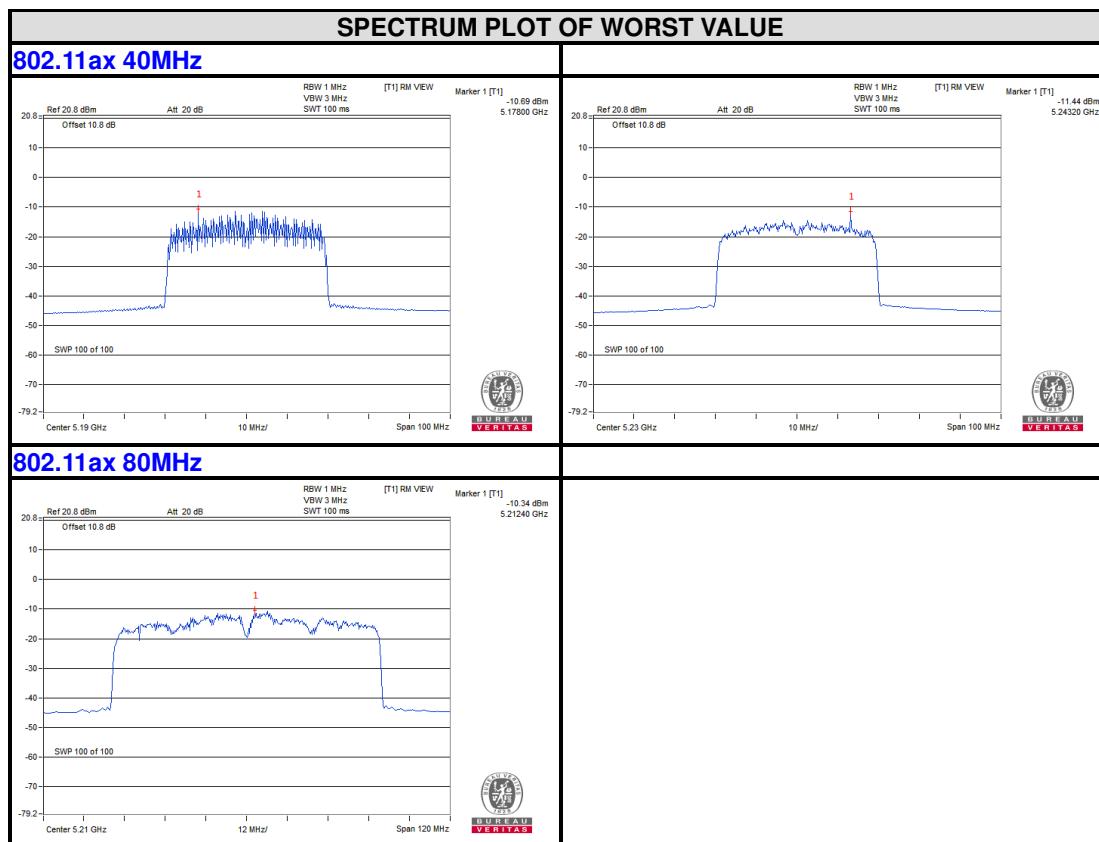








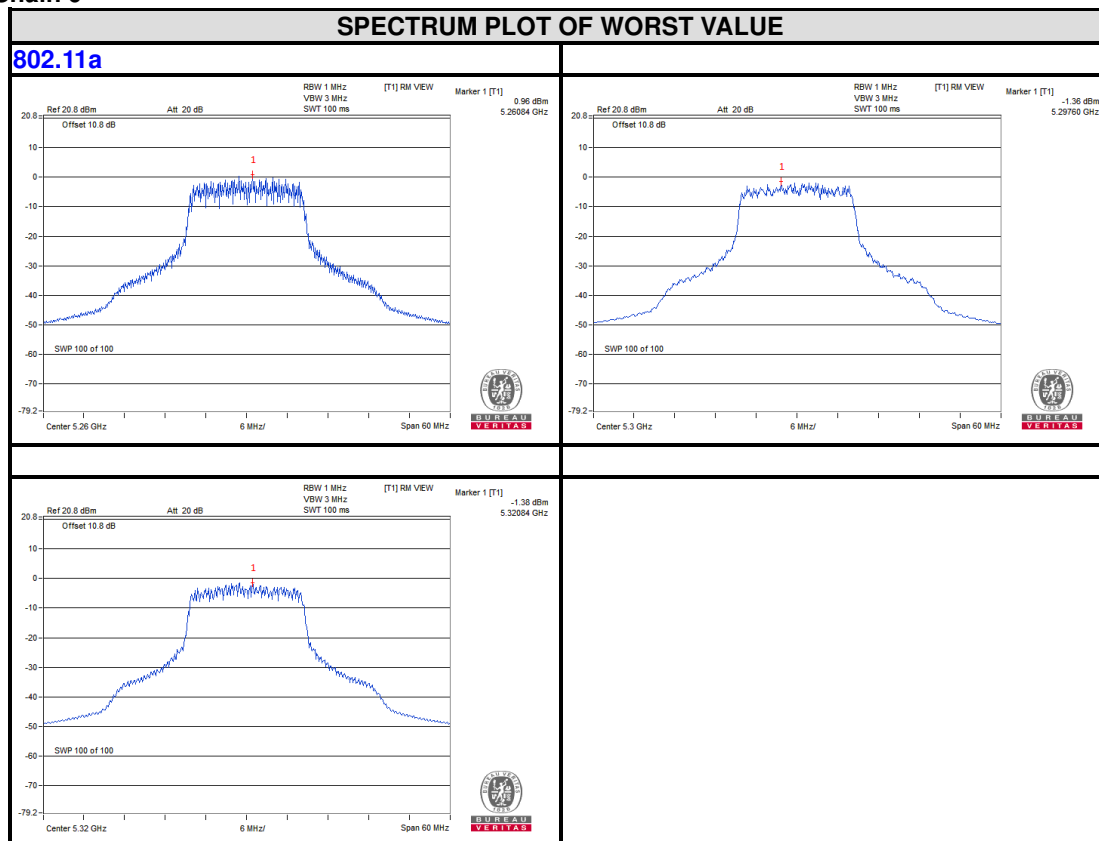
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Fax: +86 769 8593 1080
Email: customerservice.dg@bureauveritas.com





Test Report No.: RF2407WDG0195-4

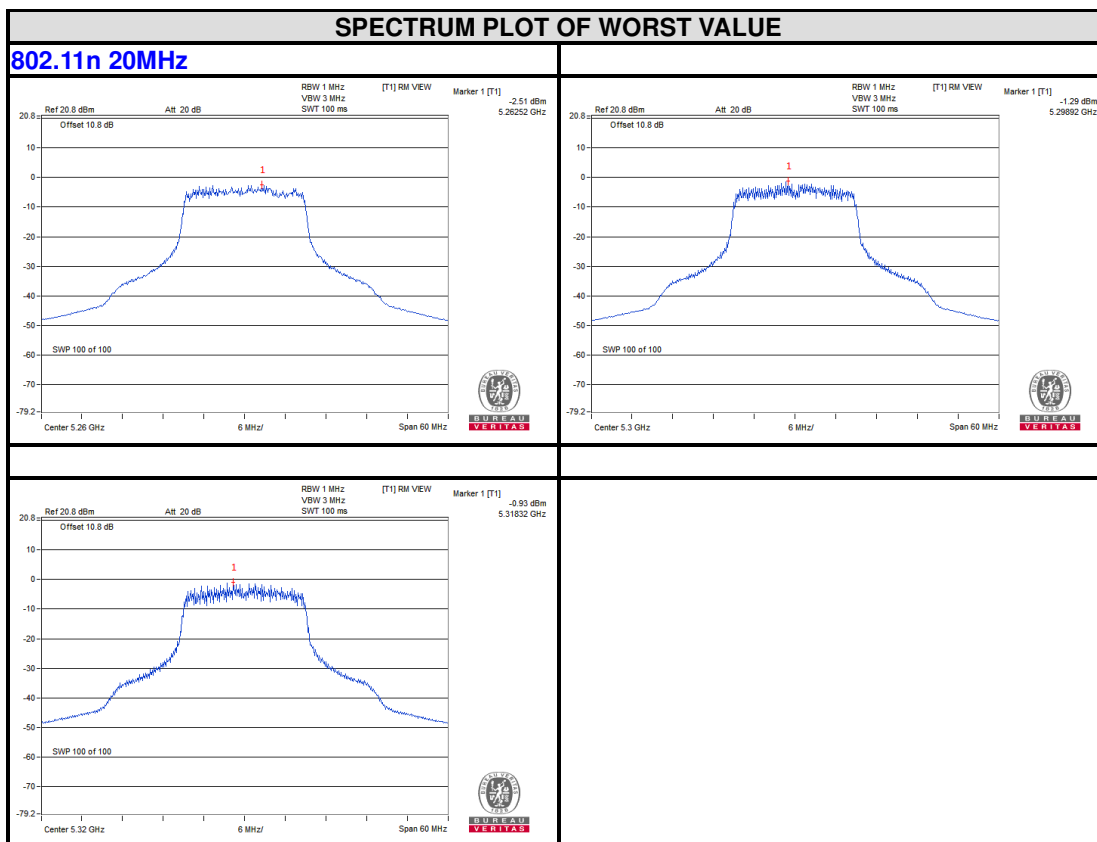
BAND 2
5250-5350MHz
Chain 0

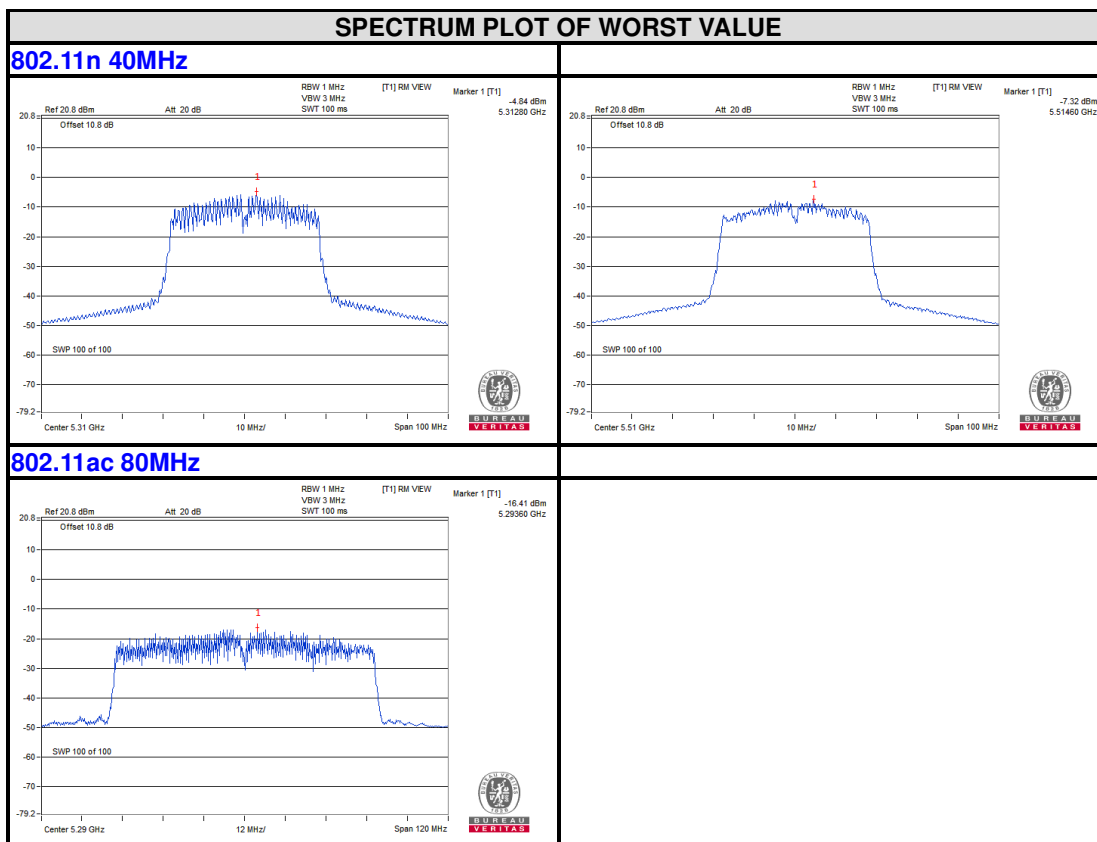


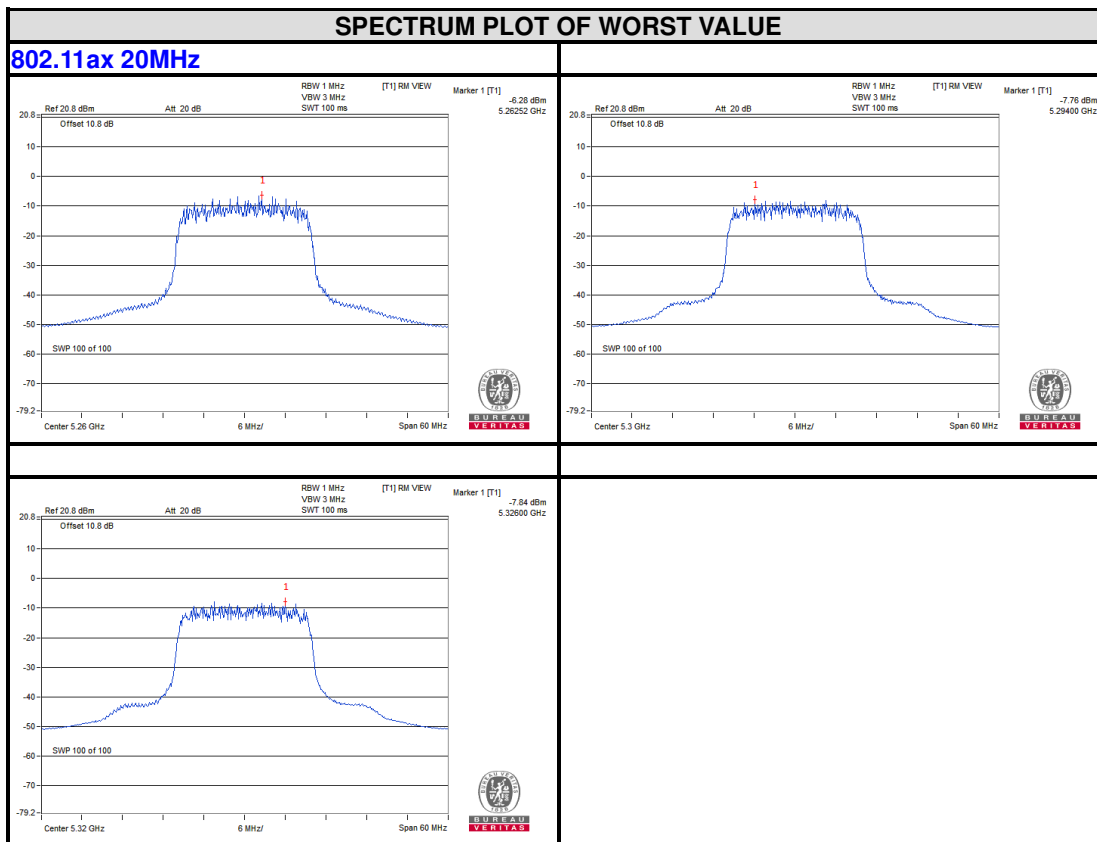
Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

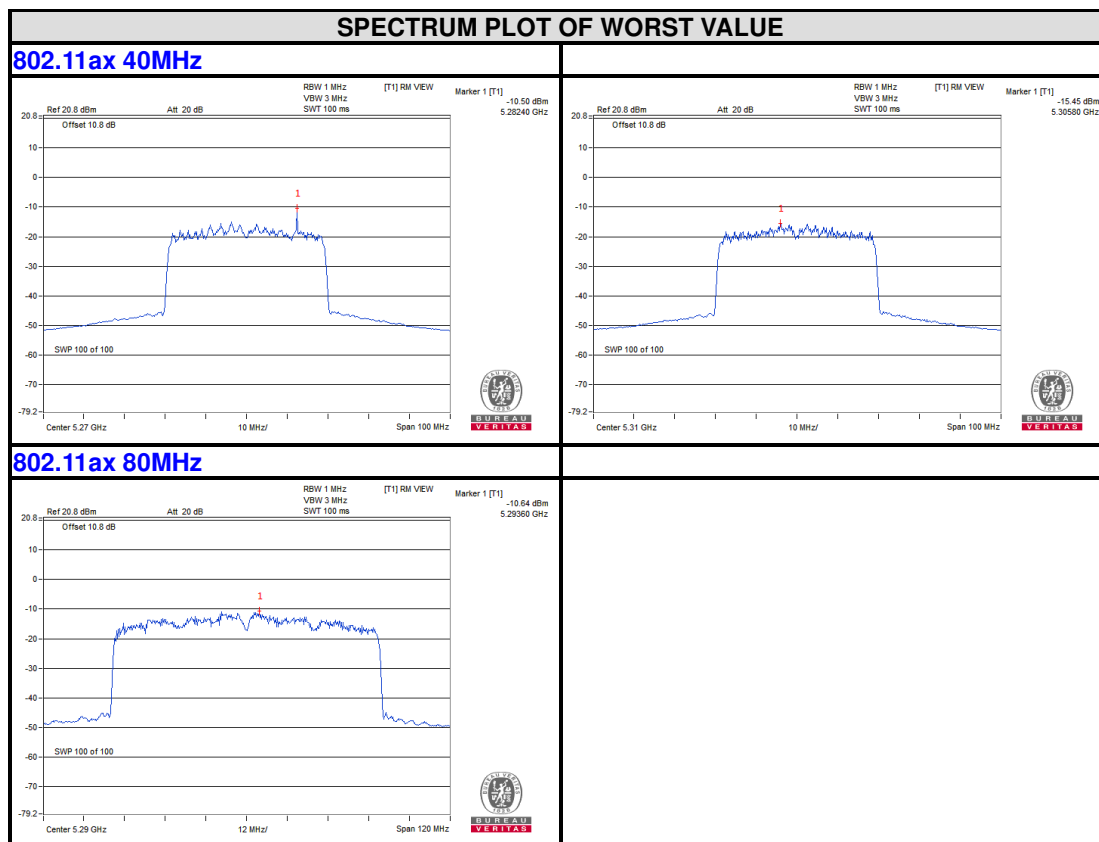
No. 96, Guantai Road (Houjie Section), Houjie
Town, Dongguan City, Guangdong Province.
523942. People's Republic of China.

Tel: +86 769 8998 2098
Fax: +86 769 8593 1080
Email: customerservice.dg@bureauveritas.com

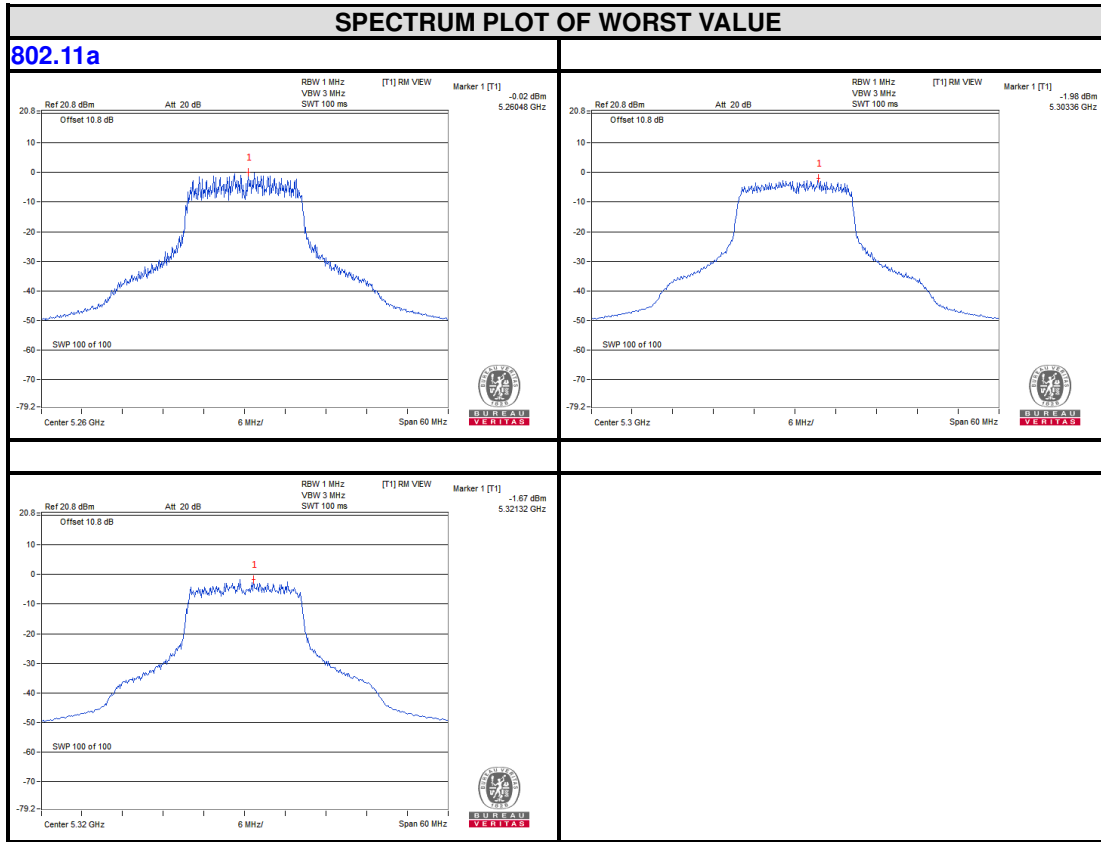


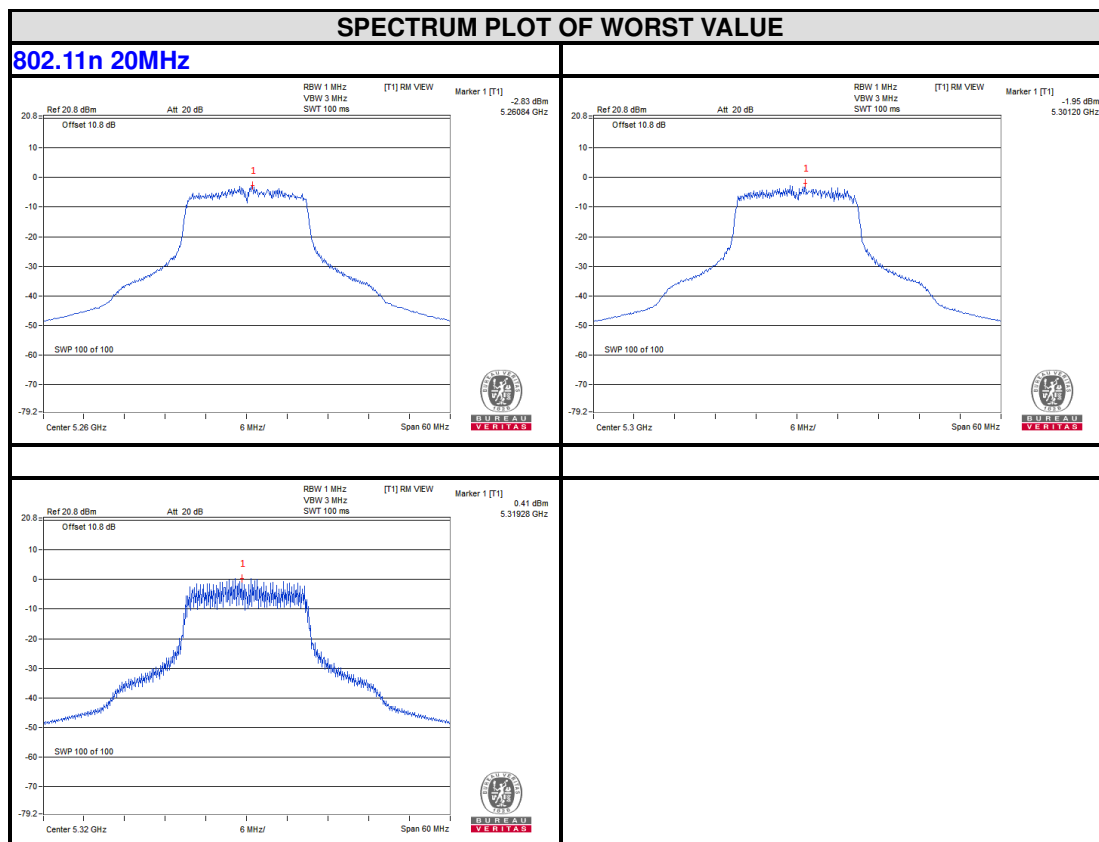


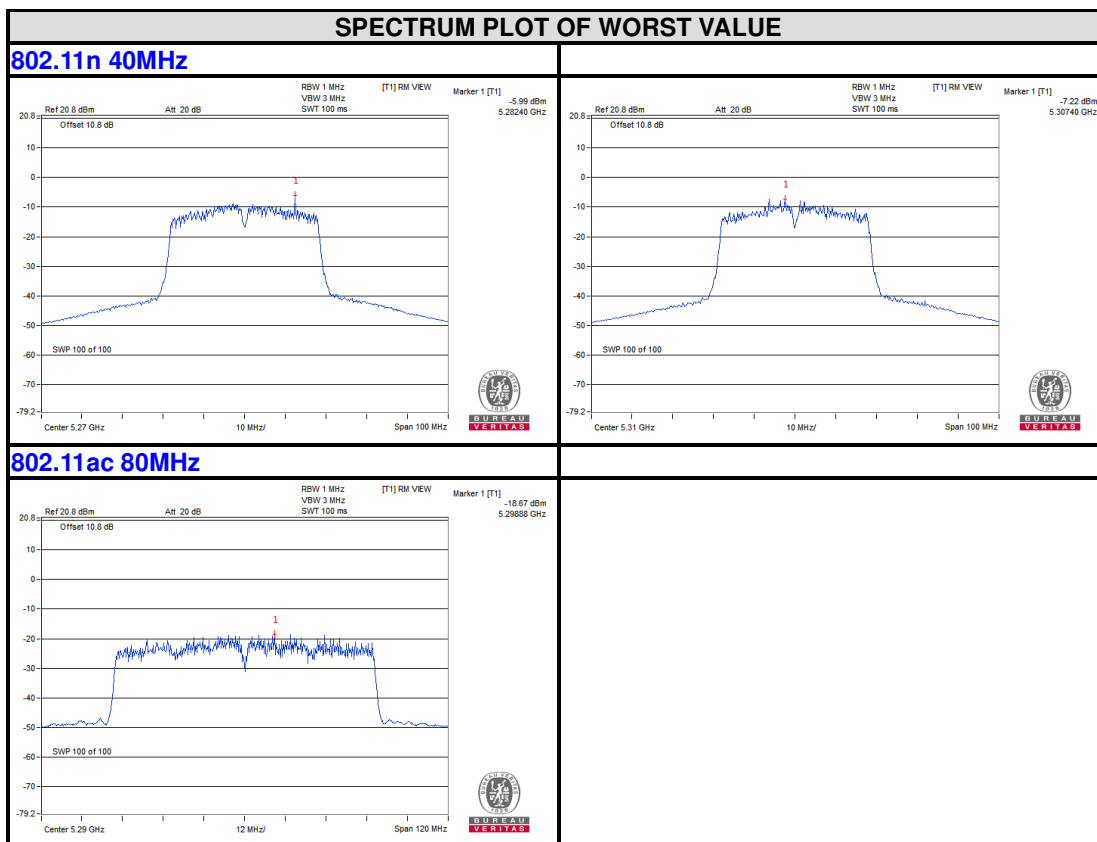


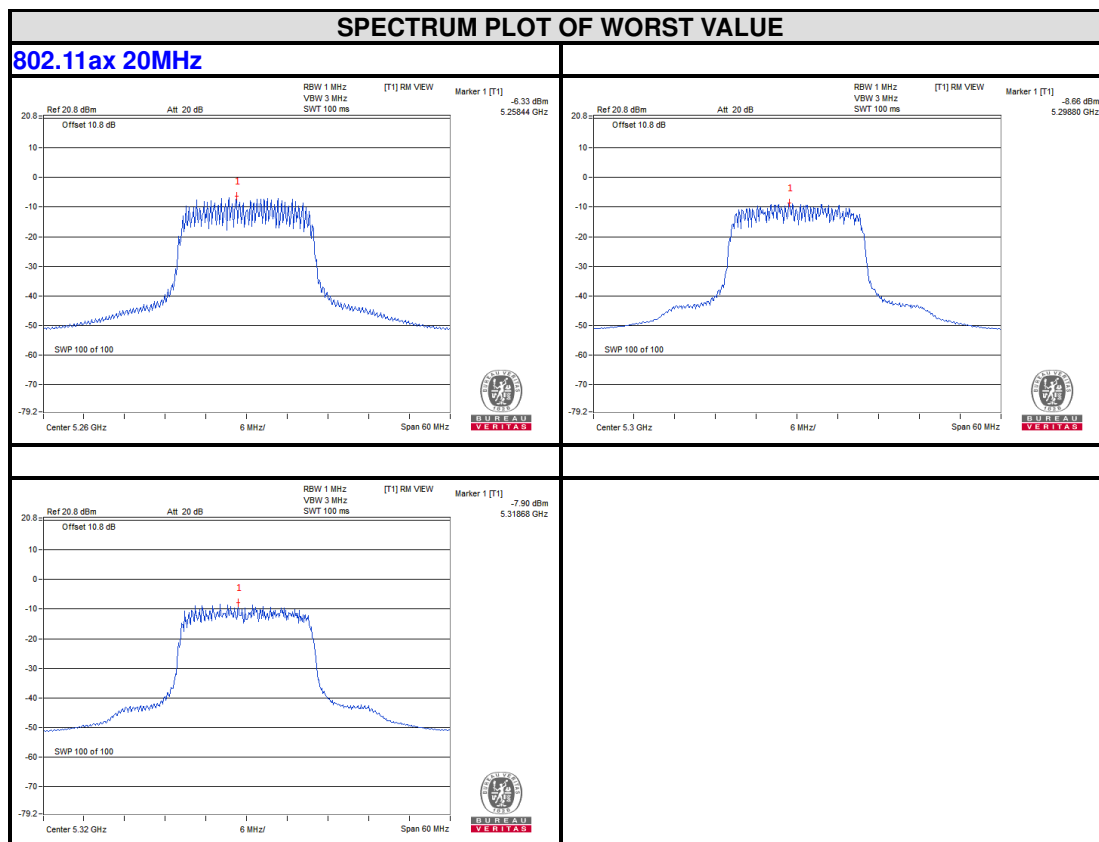


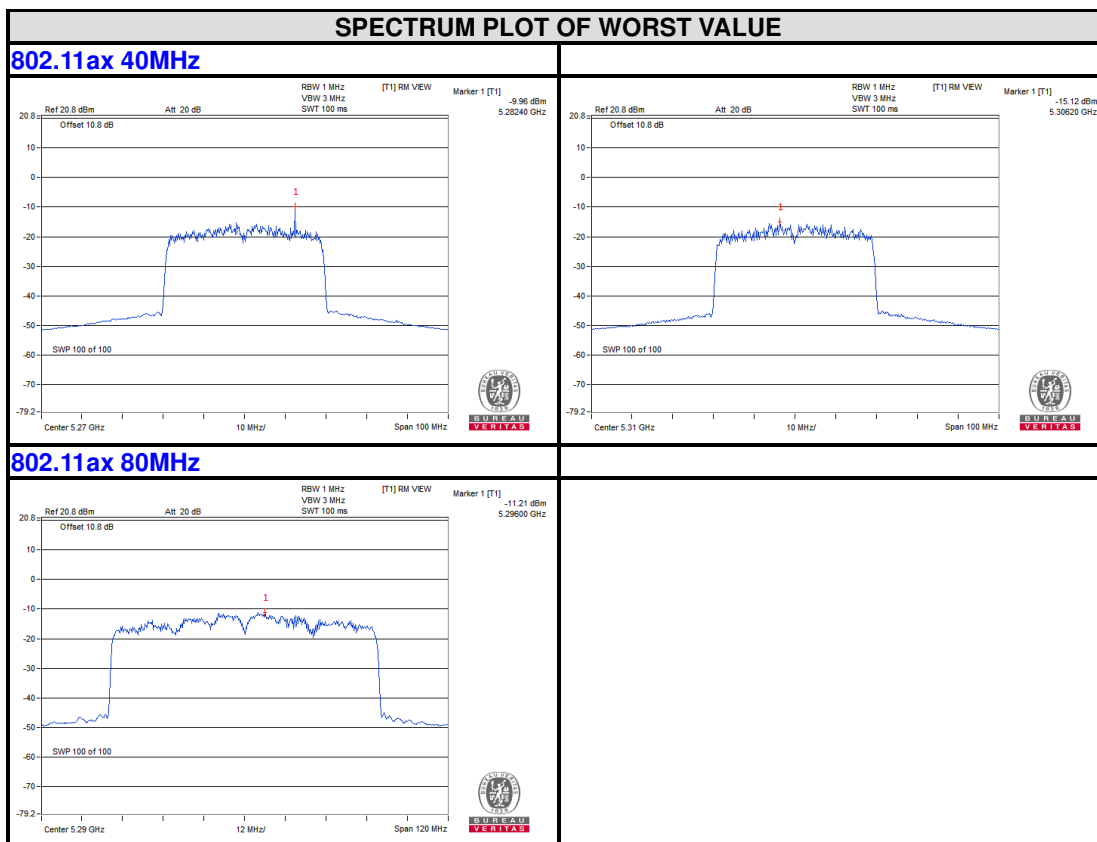
Chain 1



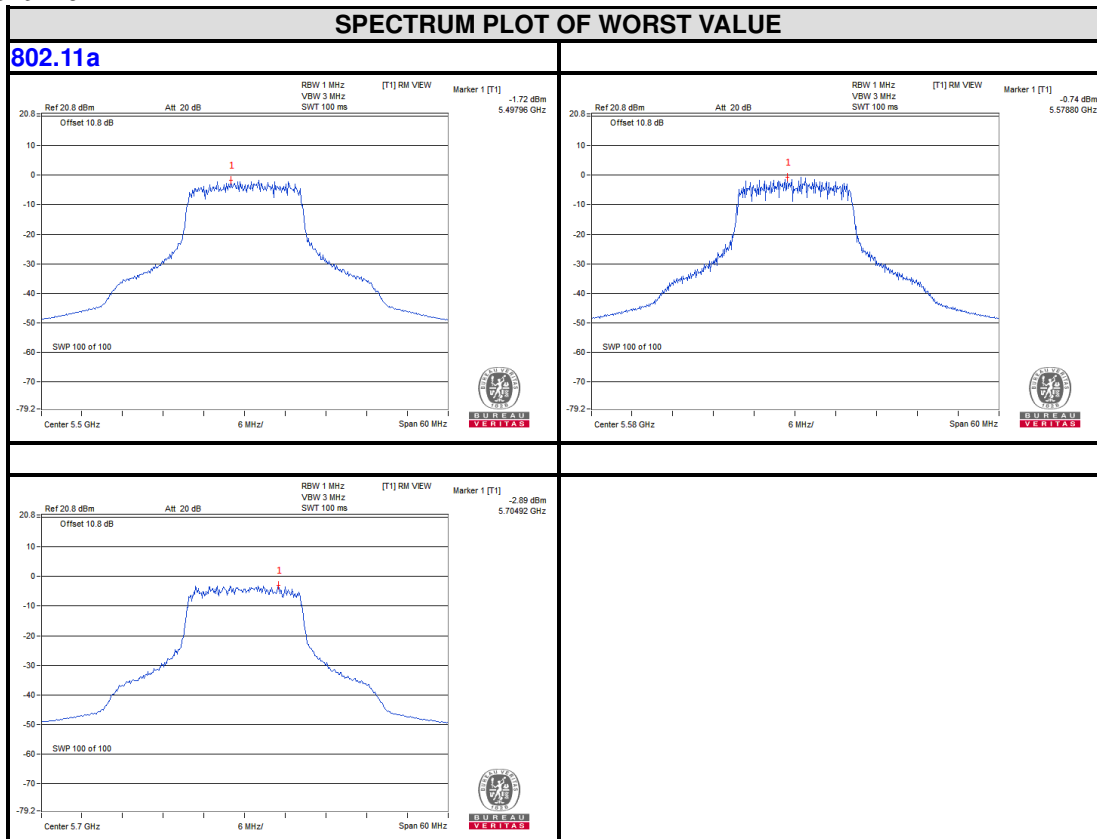


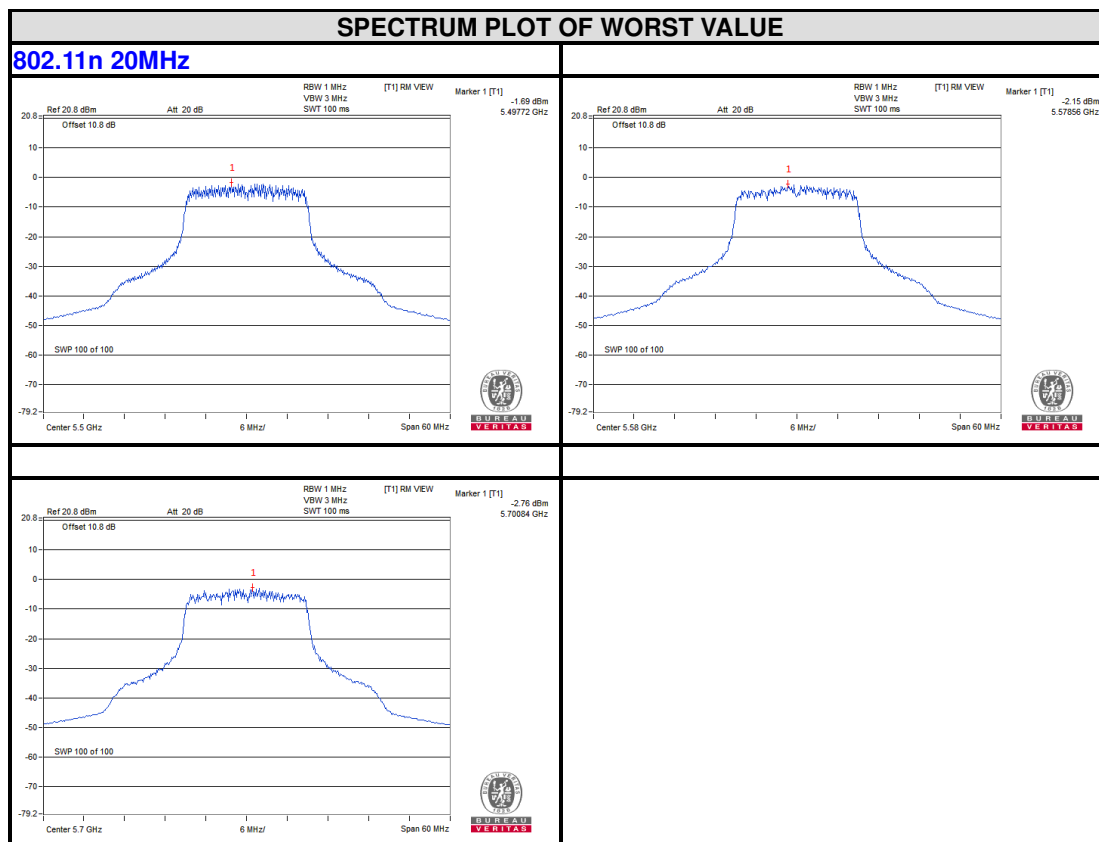


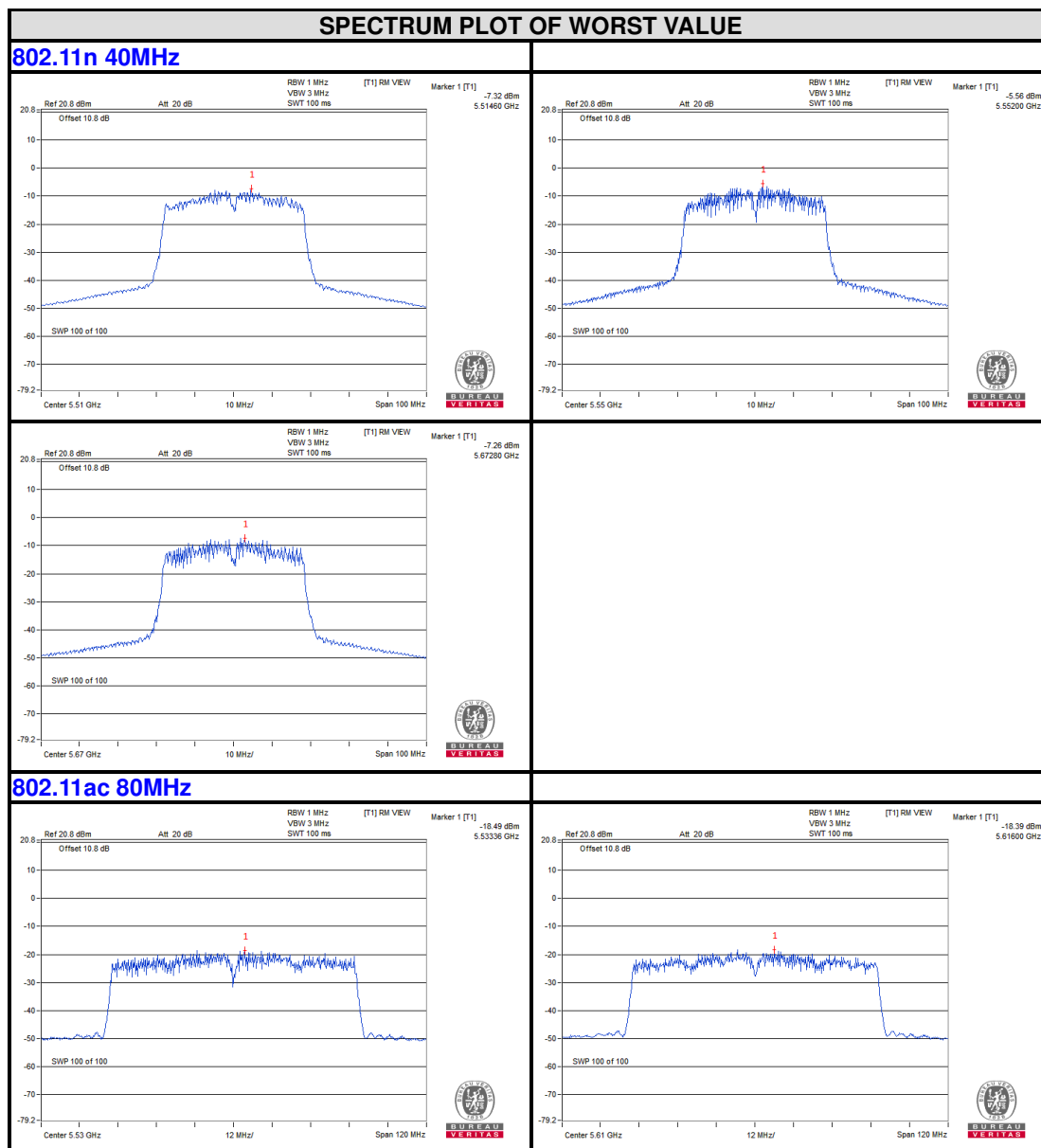


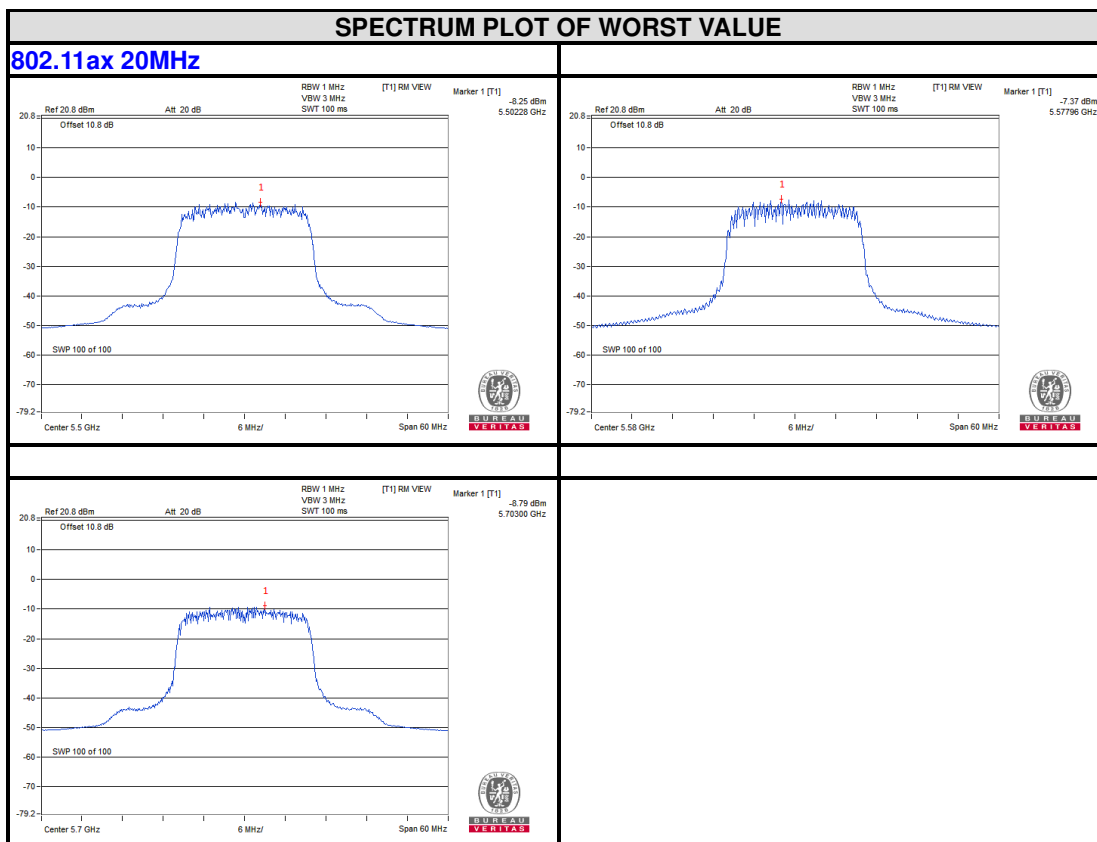


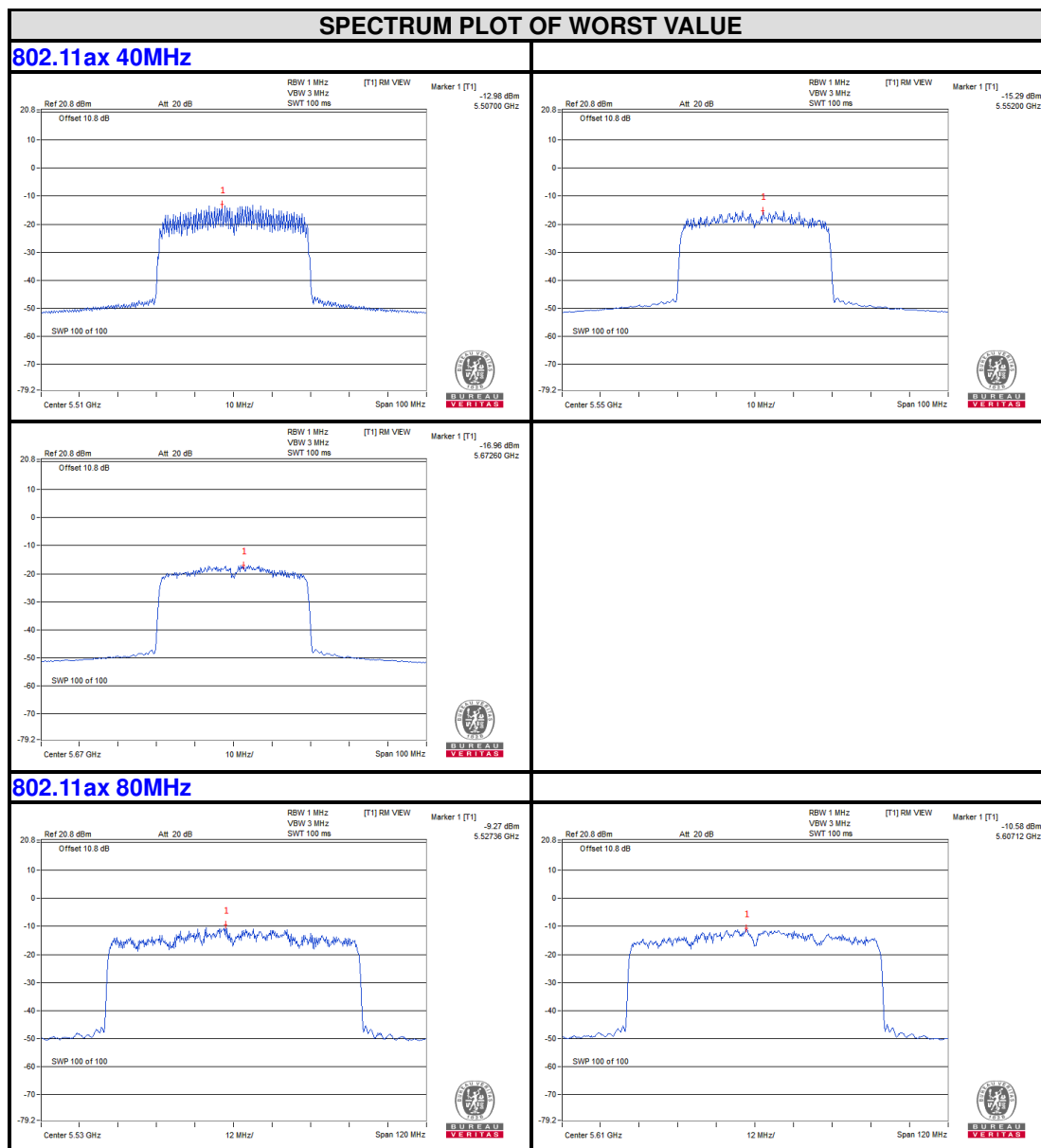
BAND 3
5470-5725MHz
Chain 0



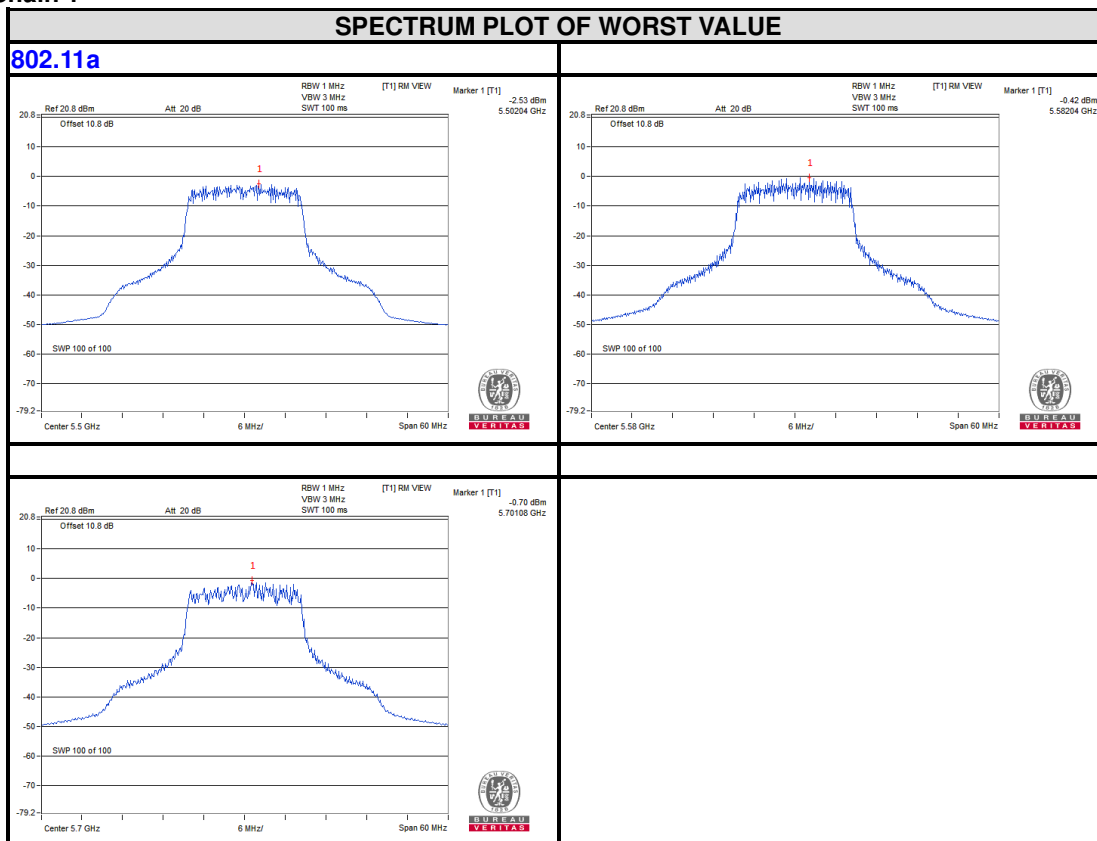


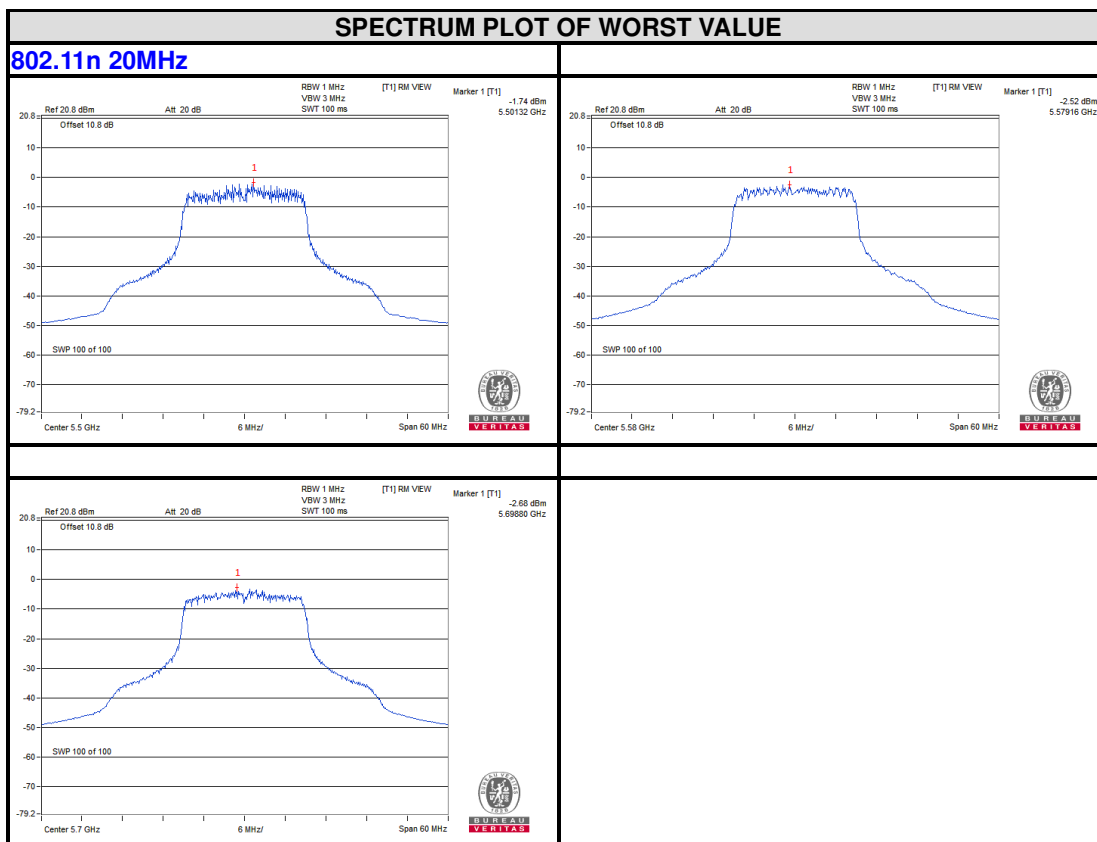


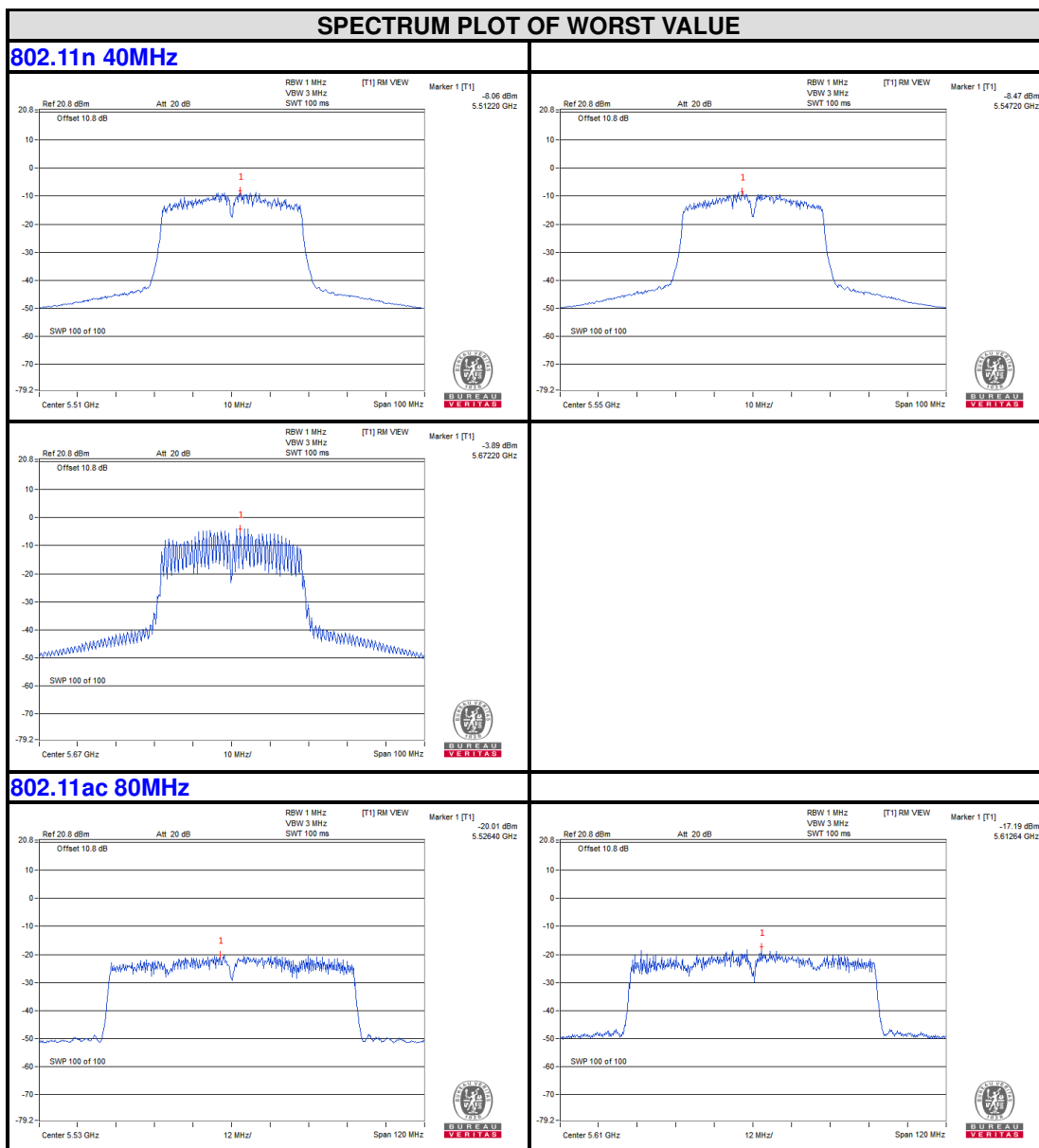


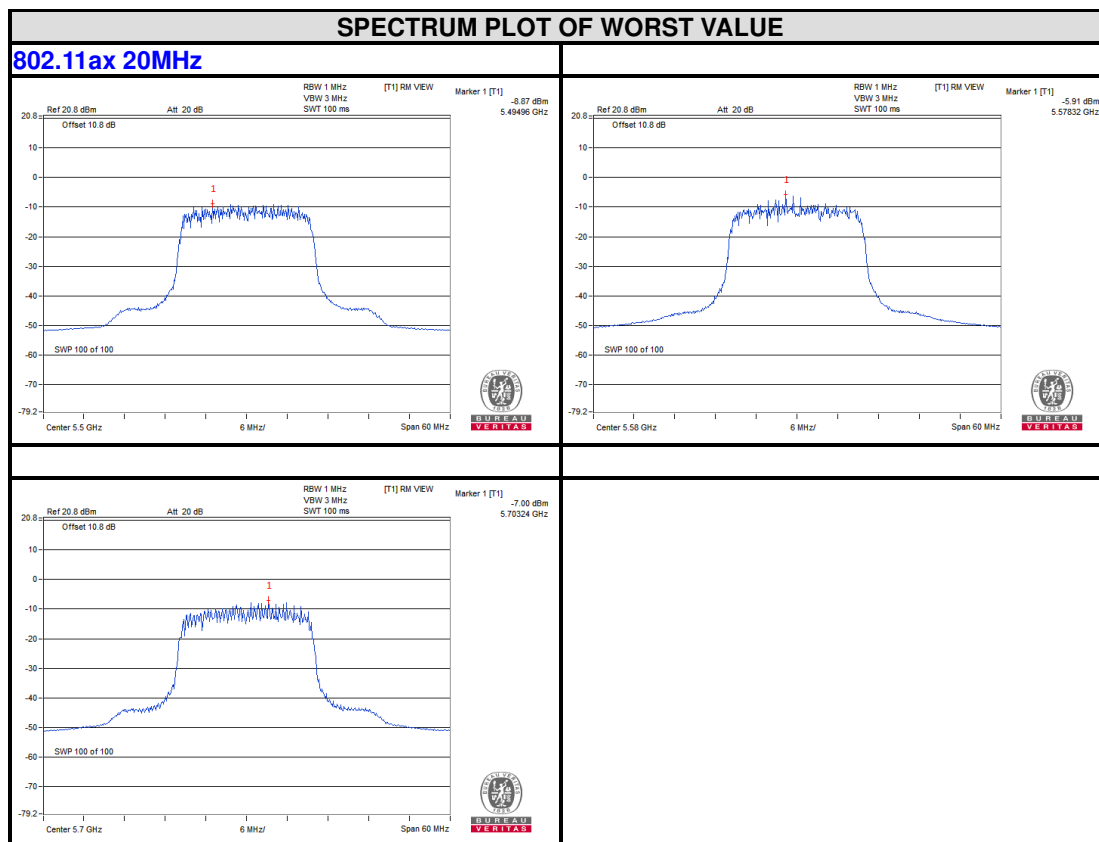


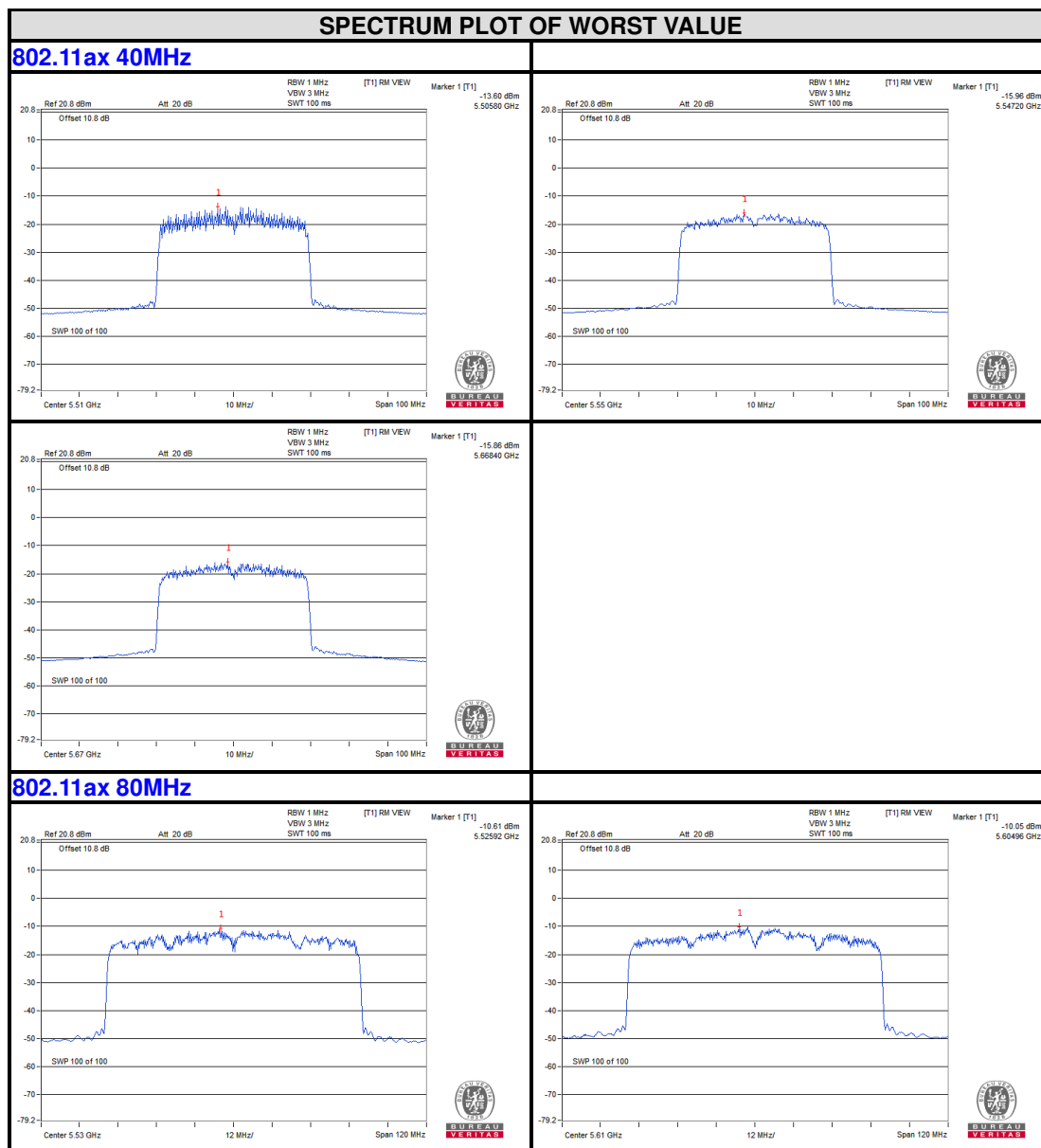
Chain 1











For U-NII-3:
802.11a

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1		
149	5745	-2.42	-3.13	29.57	Pass
157	5785	-2.90	-3.03	29.57	Pass
165	5825	-3.19	-2.14	29.57	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 6.43-6 = 0.43, so the PSD limit shall be reduced to 30-0.43 = 29.57dBm.

802.11n (20MHz)

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
149	5745	-4.03	-4.07	-1.04	27.26	Pass
157	5785	-2.21	-3.05	0.40	27.26	Pass
165	5825	0.73	0.27	3.52	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

802.11n (40MHz)

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
151	5755	-9.35	-9.54	-6.43	27.26	Pass
159	5795	-9.45	-10.68	-7.01	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ac (80MHz)

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
155	5775	-19.12	-20.21	-16.62	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (20MHz)

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
149	5745	-8.46	-10.20	-6.23	27.26	Pass
157	5785	-9.77	-10.44	-7.08	27.26	Pass
165	5825	-9.43	-10.49	-6.92	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (40MHz)

Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
151	5755	-3.11	-15.74	-2.88	27.26	Pass
159	5795	-15.36	-12.71	-10.83	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

802.11ax (80MHz)

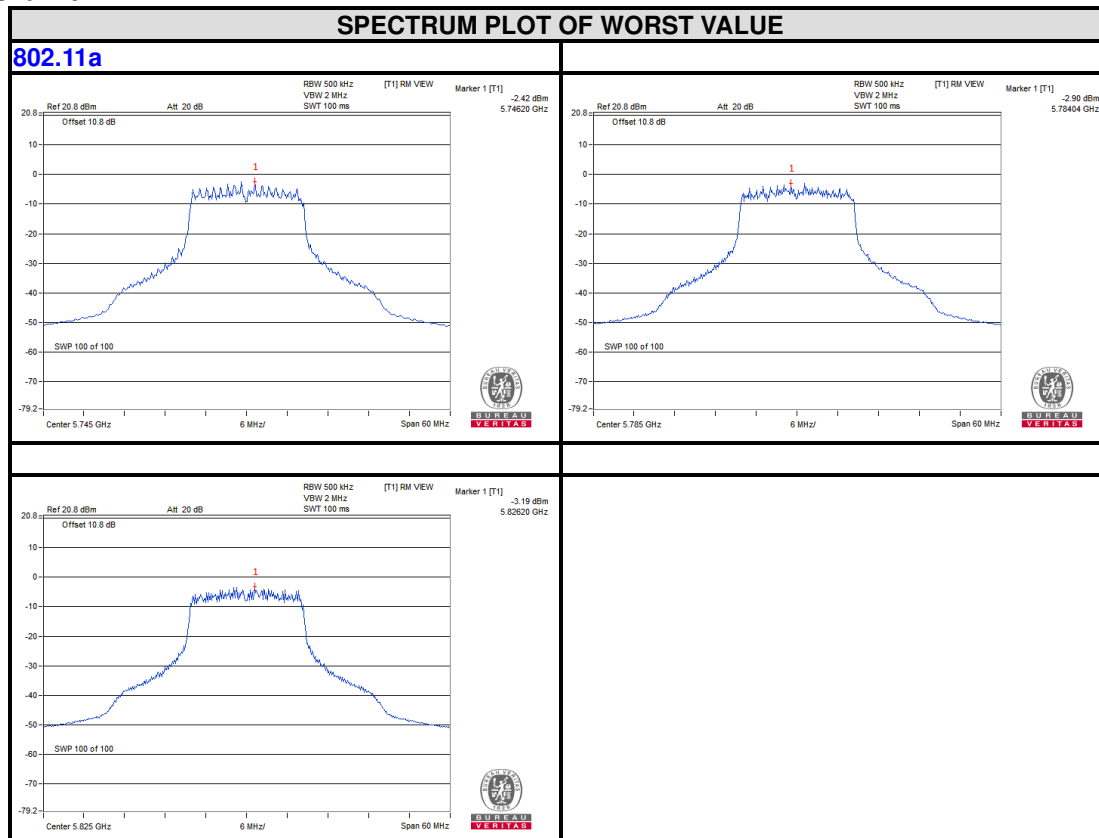
Channel	Freq. (MHz)	PSD (dBm/500kHz)		Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
		chain 0	chain 1			
155	5775	-10.76	-11.34	-8.03	27.26	Pass

Note: 1 The above power values include the duty cycle correction factor.

2. For U-NII-3: PSD Limit Reduction = Directional Gain - 6dBi = 8.74-6 = 2.74, so the PSD limit shall be reduced to 30-2.74 = 27.26dBm.

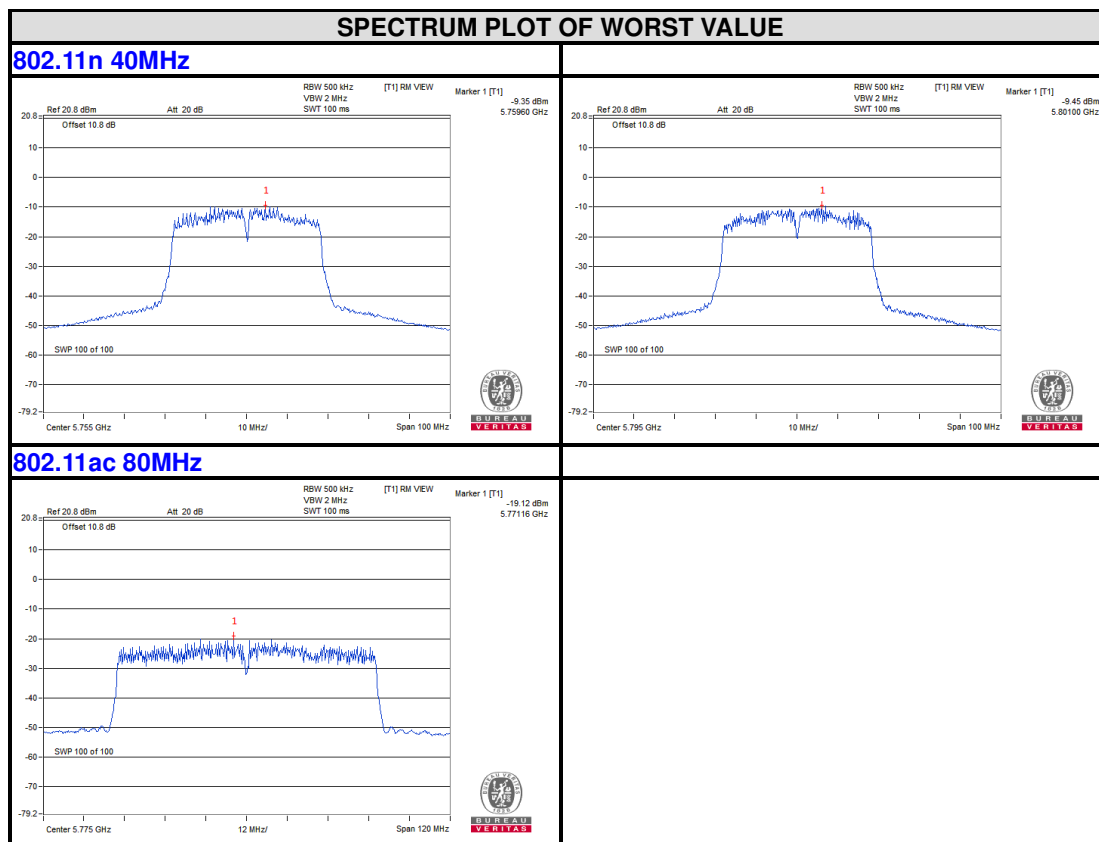
BAND4
5725-5850MHz

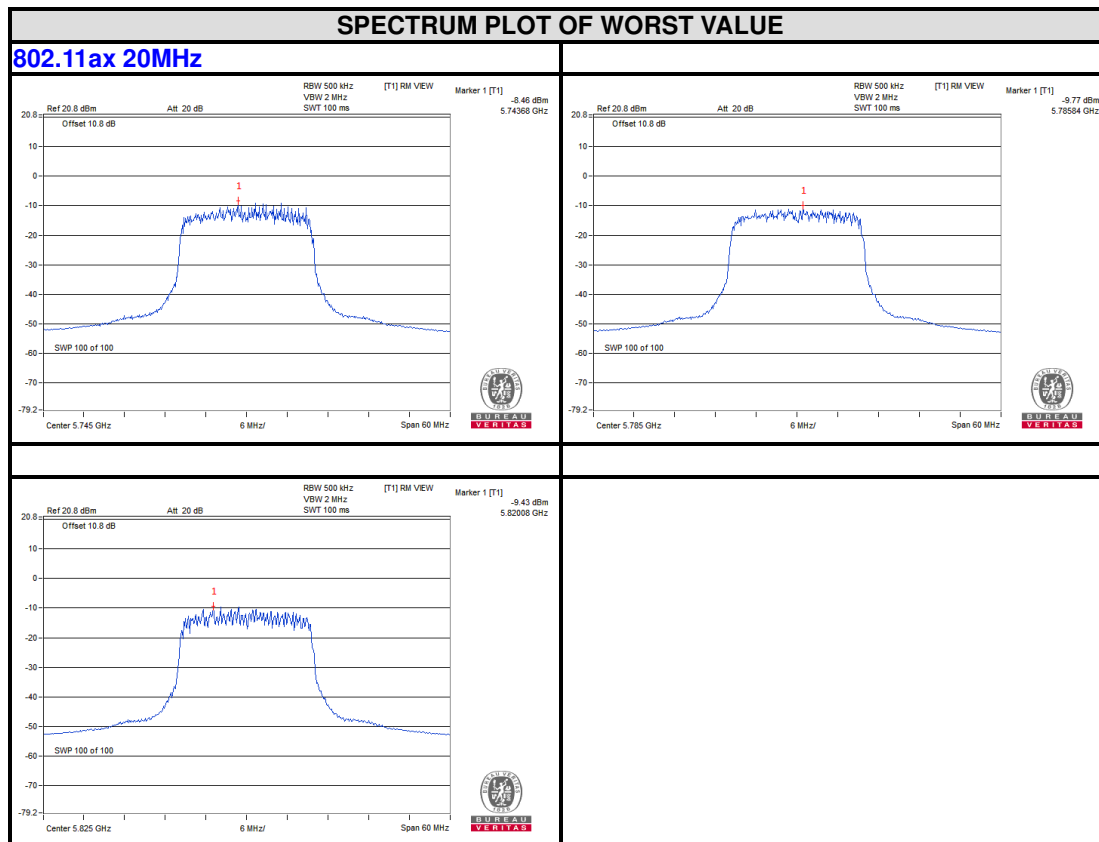
Chain 0

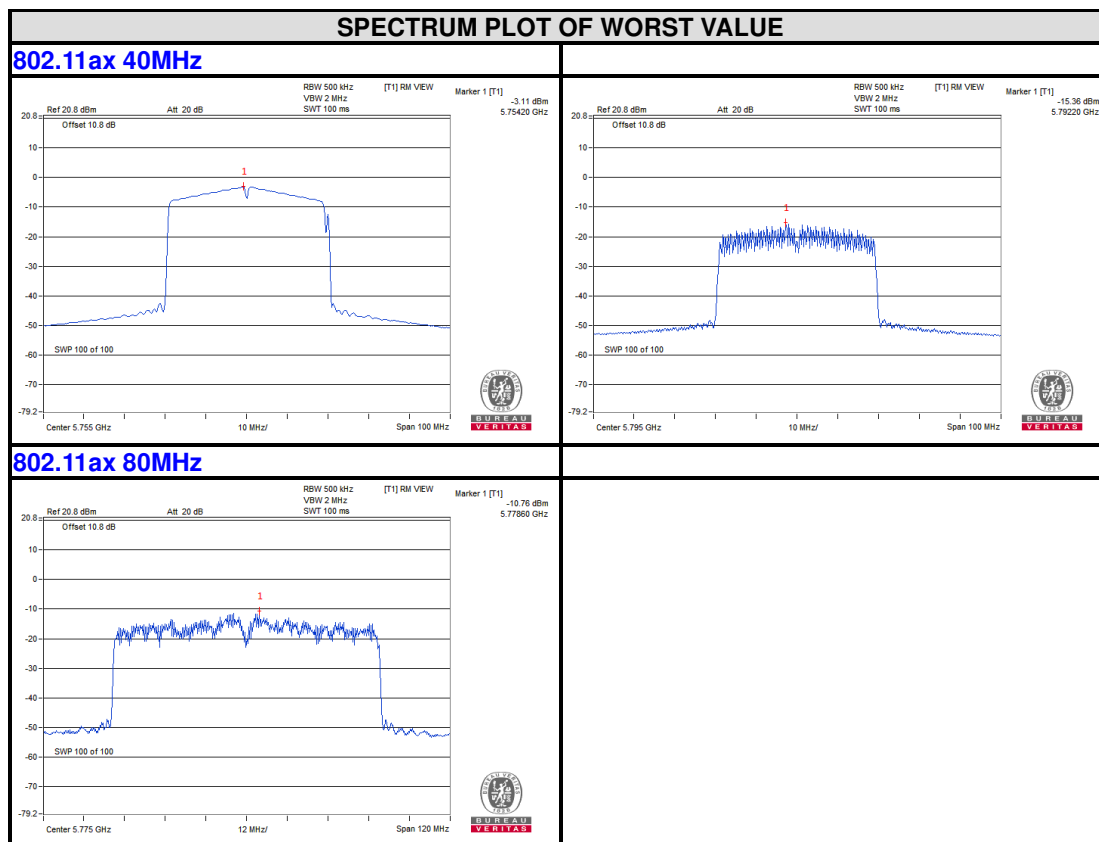




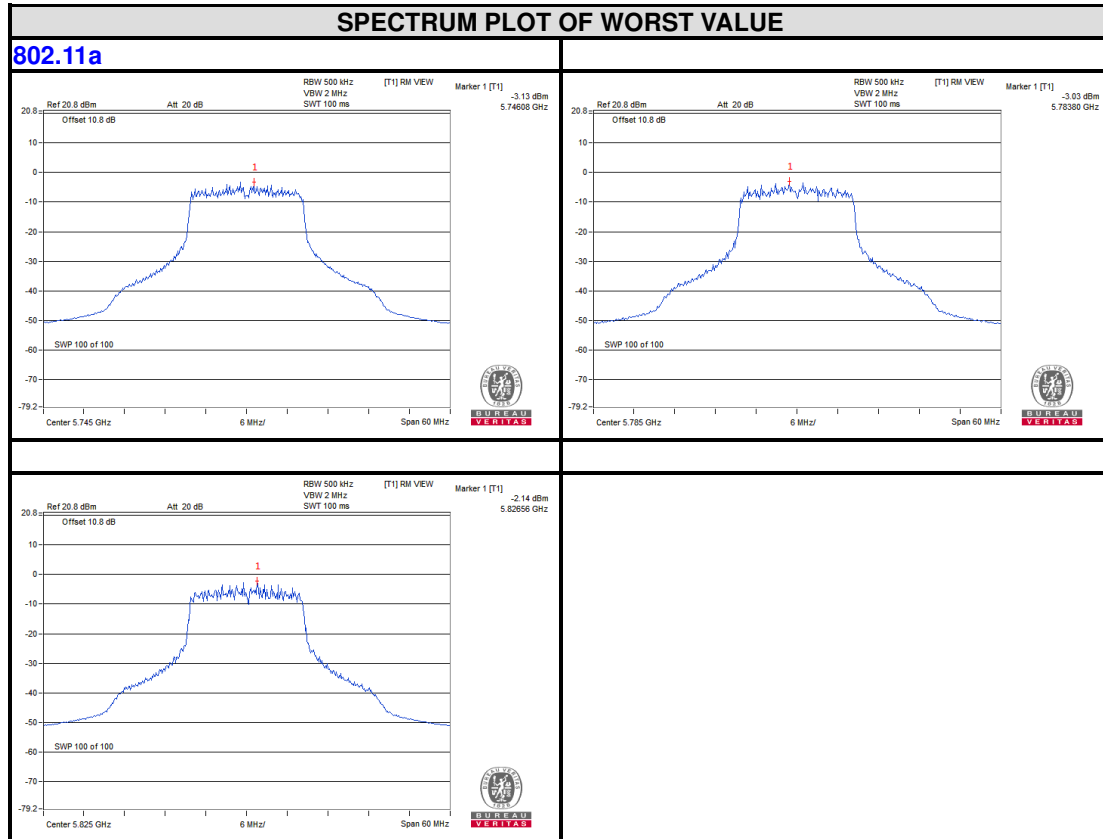
Tel: +86 769 8998 2098
Fax: +86 769 8593 1080
Email: customerservice.dg@bureauveritas.com

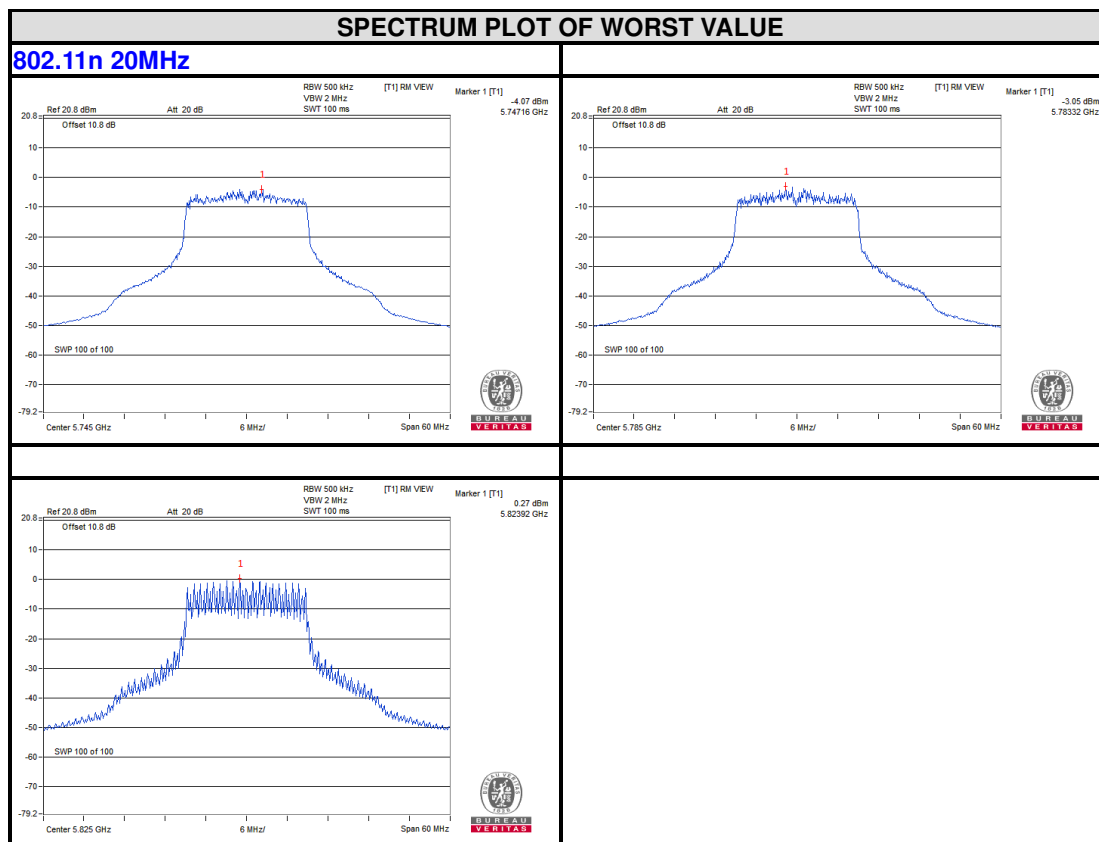


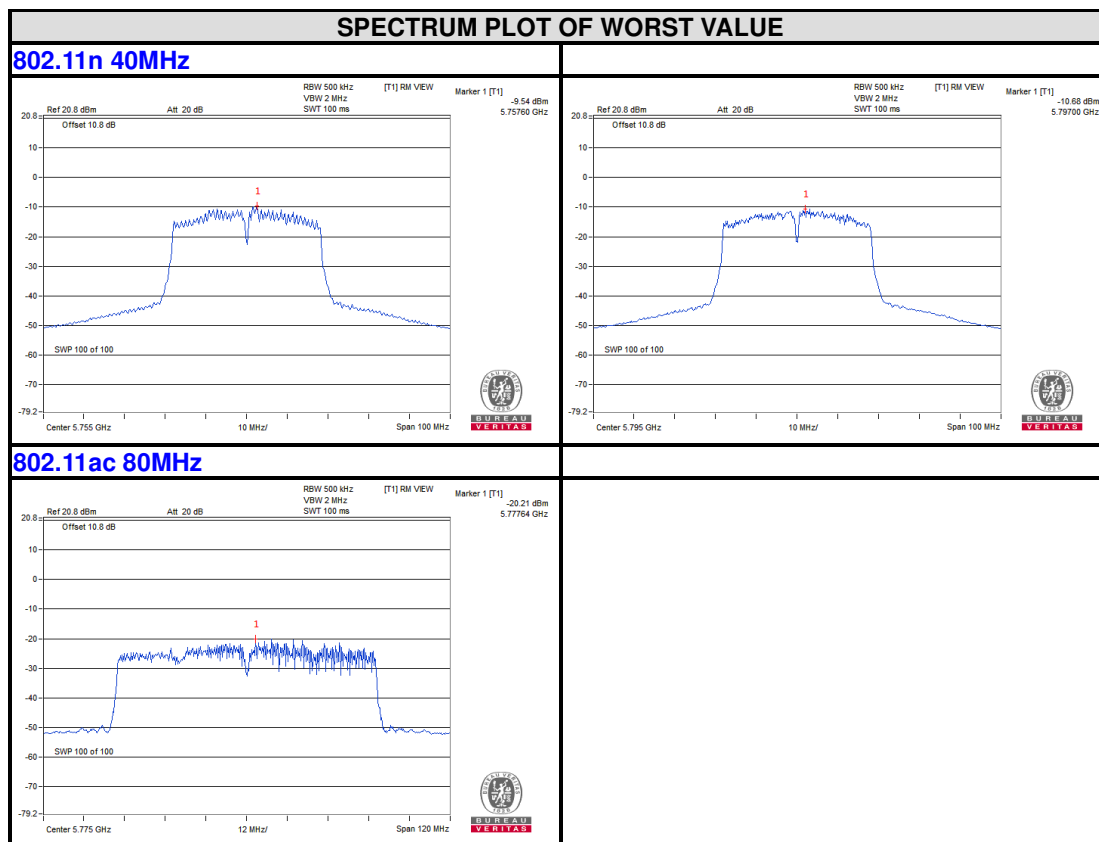


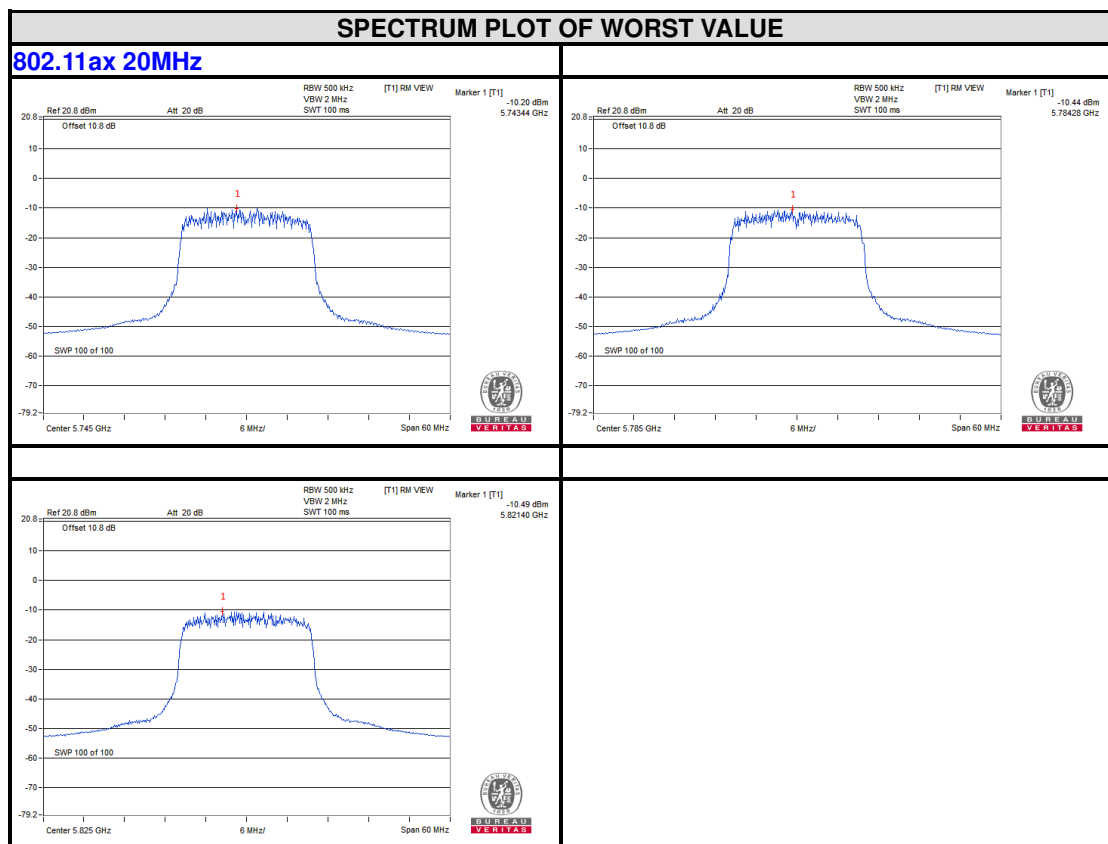


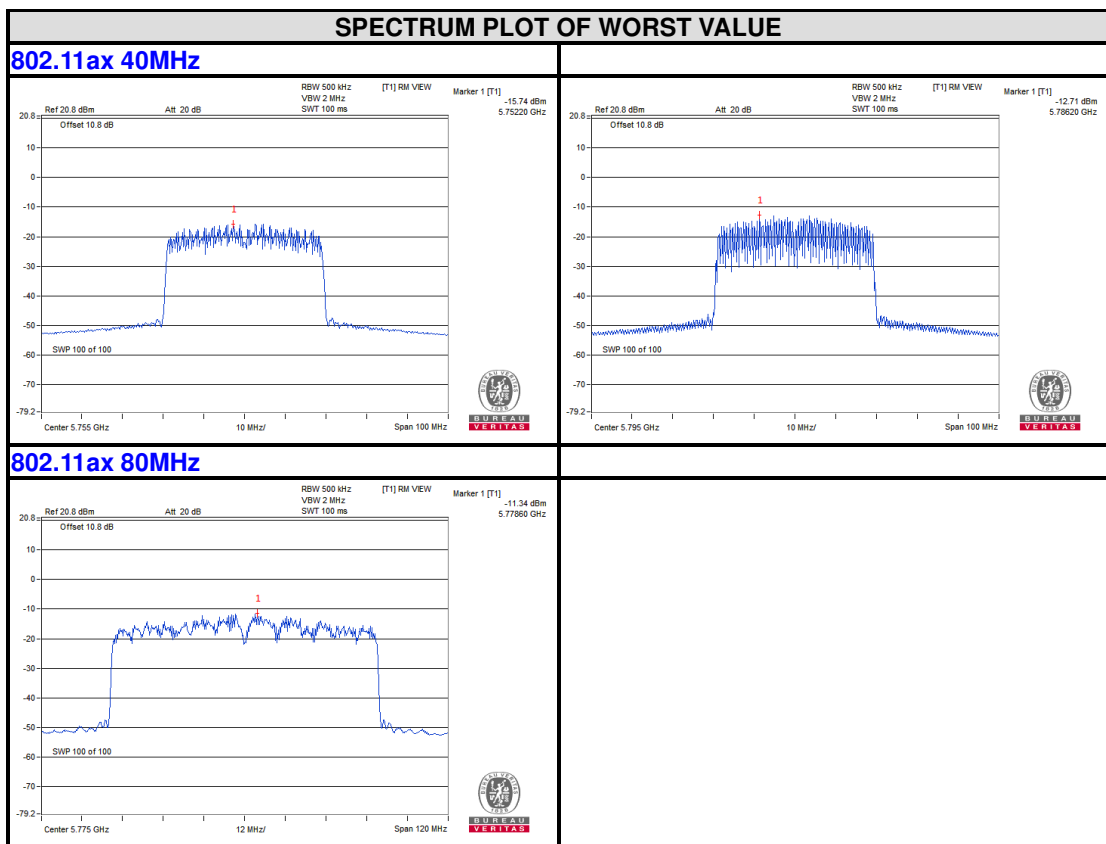
Chain 1









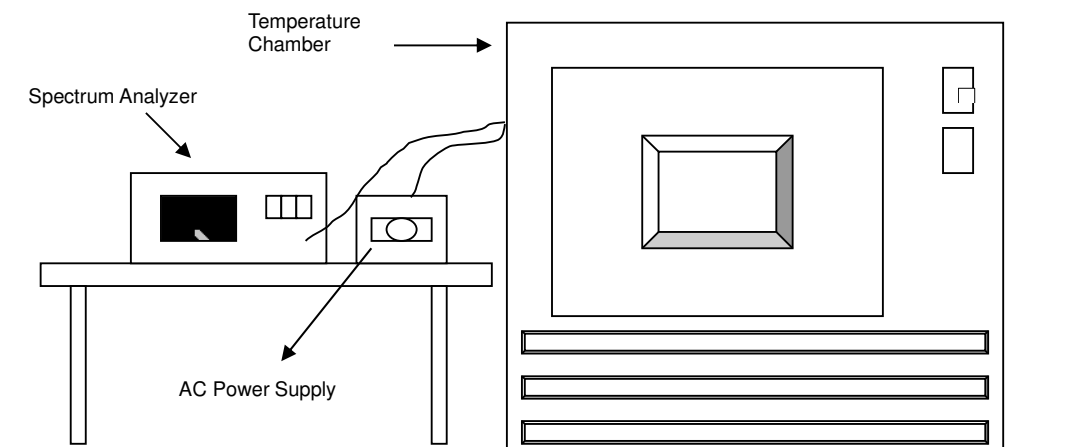


3.5 FREQUENCY STABILITY

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

FREQUENCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5180MHz									
TEMP. (°C)	POWER SUPPLY (Notebook)	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	5179.9964	-0.00007	5179.9988	-0.00002	5179.9965	-0.00007	5179.9987	-0.00003
40	120	5179.9908	-0.00018	5179.9881	-0.00023	5179.9903	-0.00019	5179.987	-0.00025
30	120	5179.9998	0.00000	5180.0014	0.00003	5180.0019	0.00004	5180.0026	0.00005
20	120	5180.0148	0.00029	5180.0121	0.00023	5180.0137	0.00026	5180.011	0.00021
10	120	5179.9986	-0.00003	5180.0006	0.00001	5179.9968	-0.00006	5179.9963	-0.00007
0	120	5179.995	-0.00010	5179.9957	-0.00008	5179.994	-0.00012	5179.9934	-0.00013
-10	120	5179.9845	-0.00030	5179.9814	-0.00036	5179.9816	-0.00036	5179.9848	-0.00029
-20	120	5180.01	0.00019	5180.0089	0.00017	5180.0073	0.00014	5180.01	0.00019
-30	120	5179.9945	-0.00011	5179.9942	-0.00011	5179.9916	-0.00016	5179.9935	-0.00013

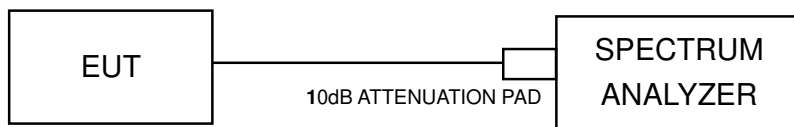
FREQUENCY STABILITY VERSUS TEMP.									
OPERATING FREQUENCY: 5180MHz									
TEMP. (°C)	POWER SUPPLY (Notebook)	0 MINUTE		2 MINUTE		5 MINUTE		10 MINUTE	
		Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift	Measured Frequency (MHz)	Frequency Drift
20	138	5180.0156	0.00030	5180.0124	0.00024	5180.0131	0.00025	5180.0101	0.00019
	120	5180.0148	0.00029	5180.0121	0.00023	5180.0137	0.00026	5180.011	0.00021
	102	5180.0157	0.00030	5180.0112	0.00022	5180.0128	0.00025	5180.0106	0.00020

3.6 6dB BANDWIDTH MEASUREMENT

3.6.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

3.6.2 Test Setup



3.6.3 TEST INSTRUMENTS

Refer to section 4.3.3 to get information of above instrument.

3.6.4 TEST PROCEDURE

MEASUREMENT PROCEDURE REF

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

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.

3.6.6 EUT OPERATING CONDITION

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

3.6.7 TEST RESULTS

6dB BANDWIDTH For 5725-5850MHz

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	16.33	16.36	0.5	Pass
157	5785	16.34	16.37	0.5	Pass
165	5825	16.37	16.36	0.5	Pass

802.11n (20M)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	17.32	17.64	0.5	Pass
157	5785	17.13	17.63	0.5	Pass
165	5825	17.14	17.63	0.5	Pass

802.11n (40M)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	35.17	35.14	0.5	Pass
159	5795	35.05	35.15	0.5	Pass

802.11ac (80M)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	75.35	75.35	0.5	Pass

802.11ax (20M)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	18.89	18.91	0.5	Pass
157	5785	18.80	18.94	0.5	Pass
165	5825	18.79	18.93	0.5	Pass

802.11ax (40M)

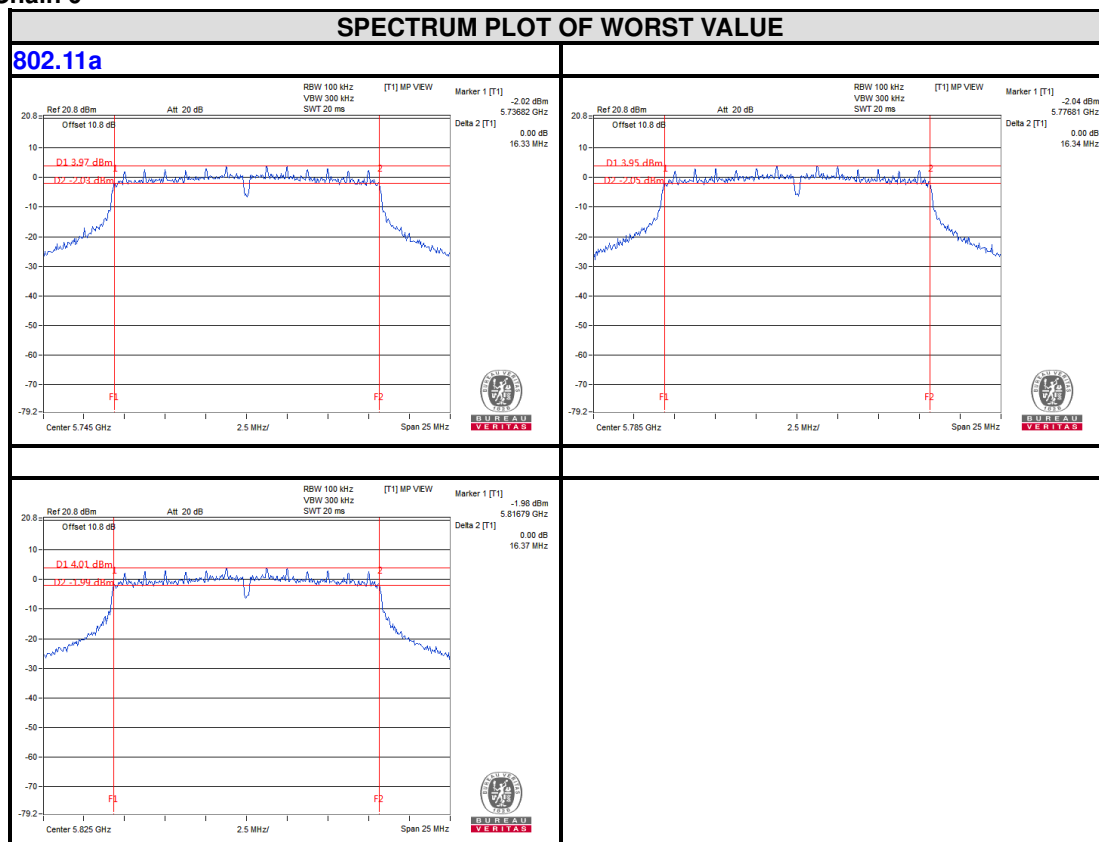
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	37.48	35.20	0.5	Pass
159	5795	35.21	35.22	0.5	Pass

802.11ax (80MHz)

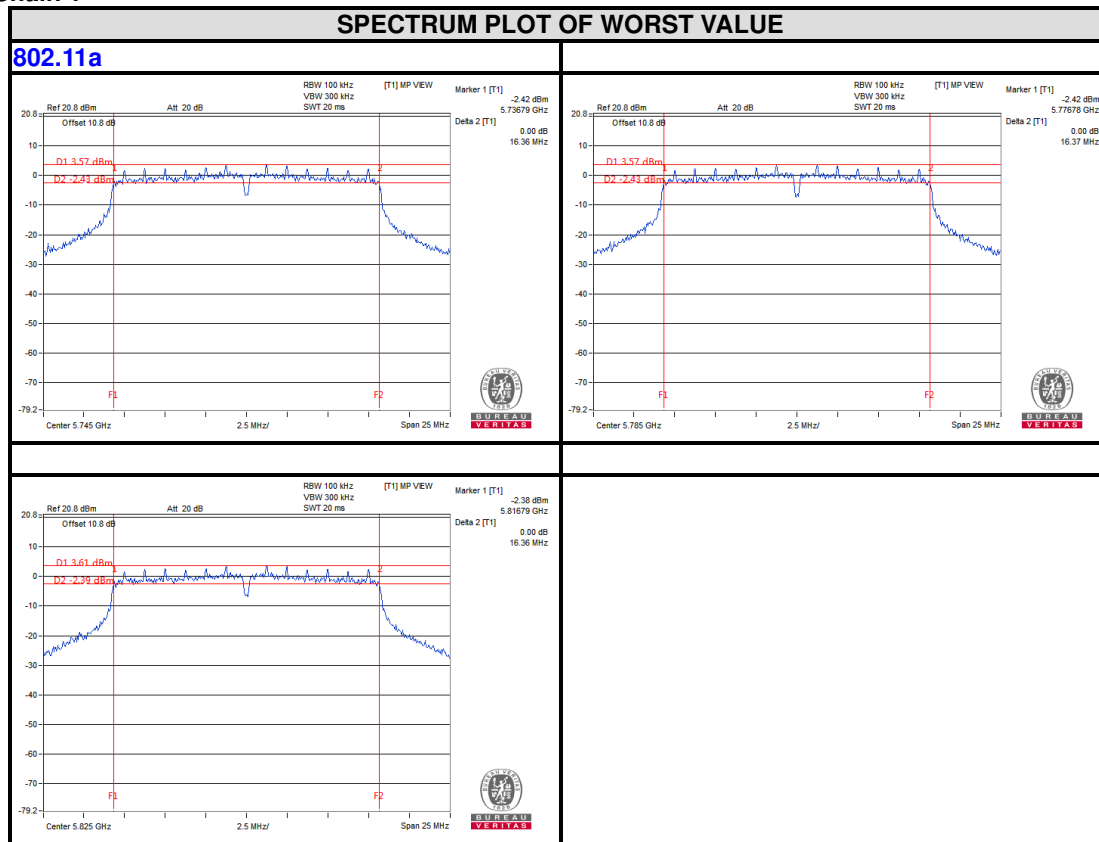
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
155	5775	76.12	75.43	0.5	Pass

6dB BANDWIDTH For 5725-5850MHz

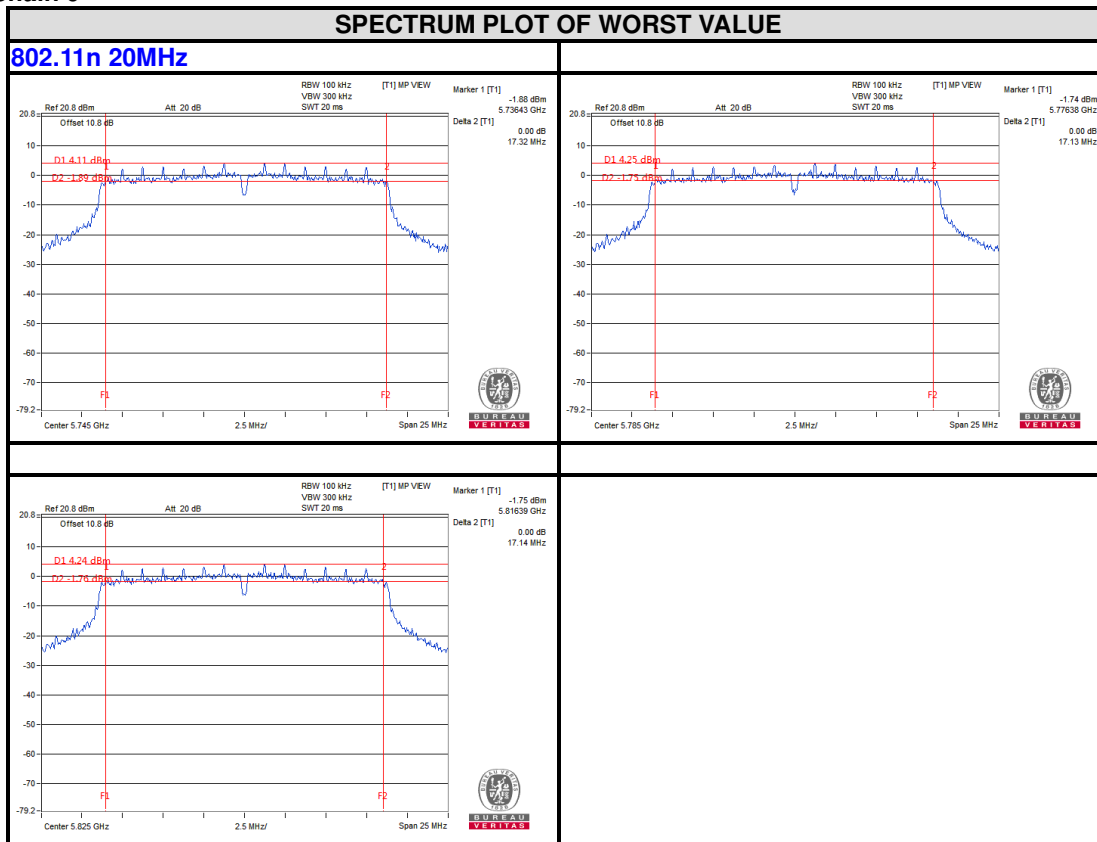
Chain 0



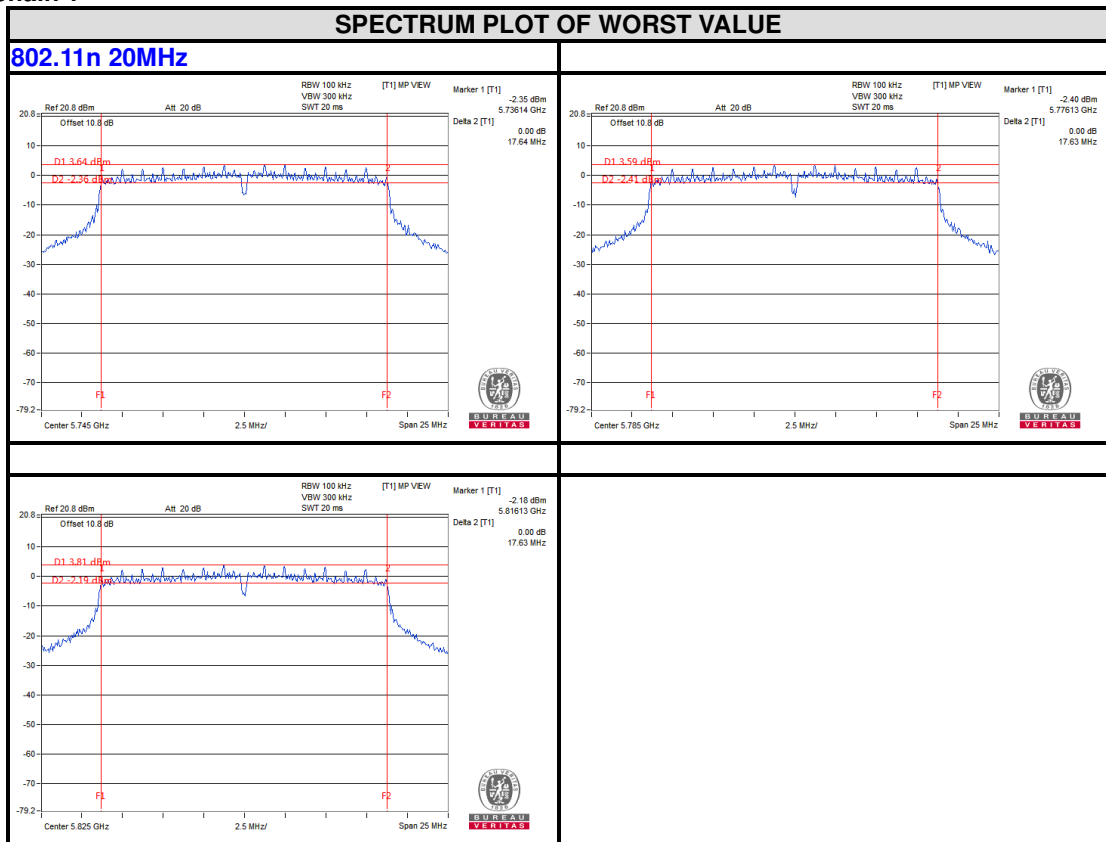
Chain 1



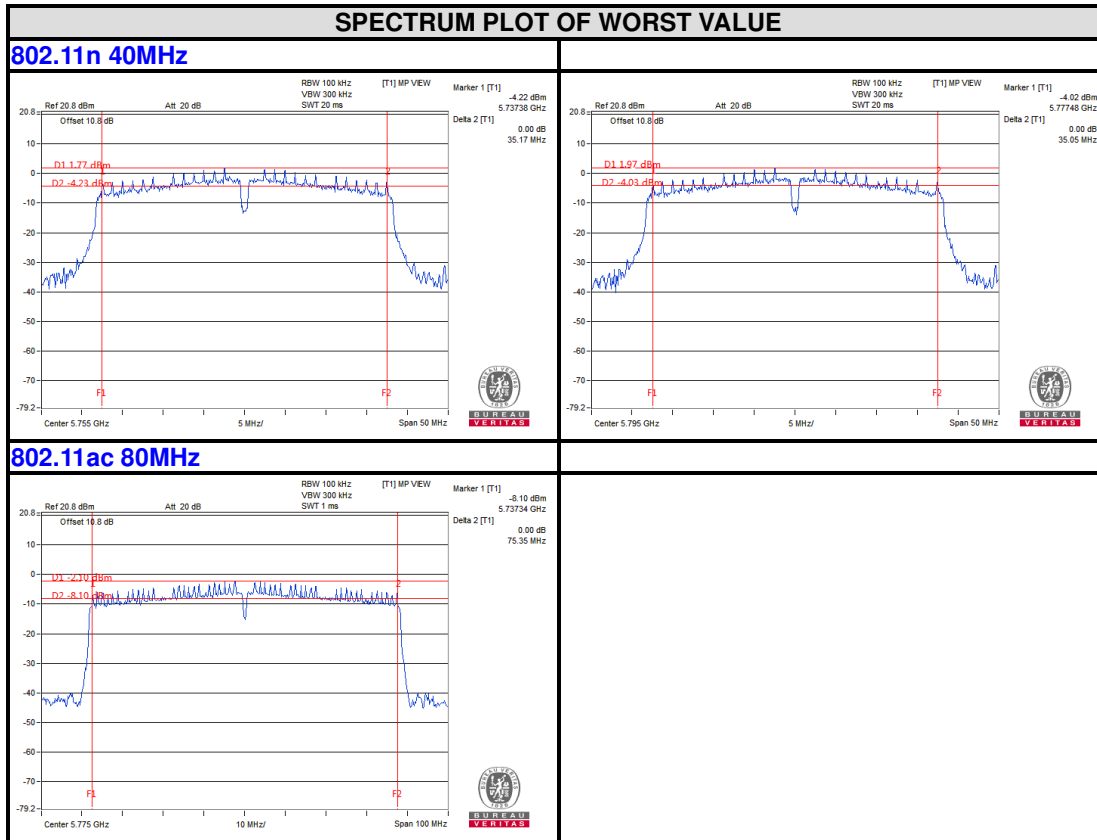
Chain 0



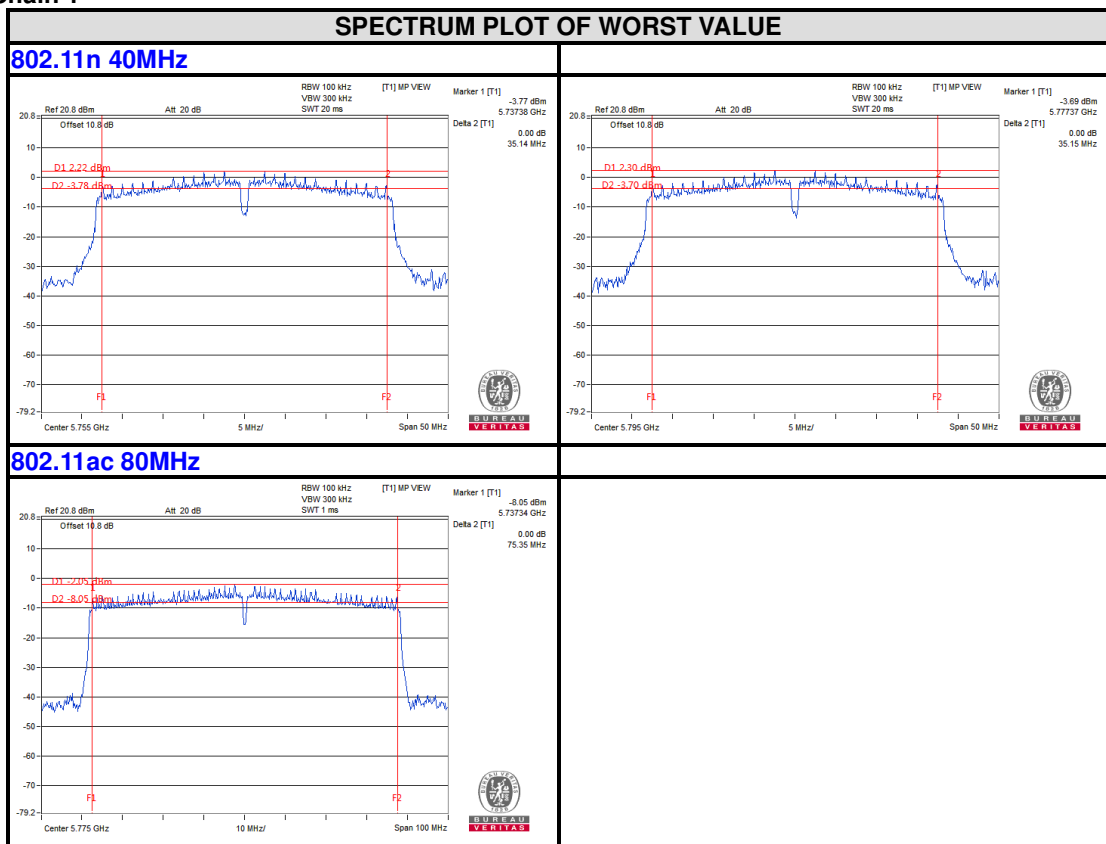
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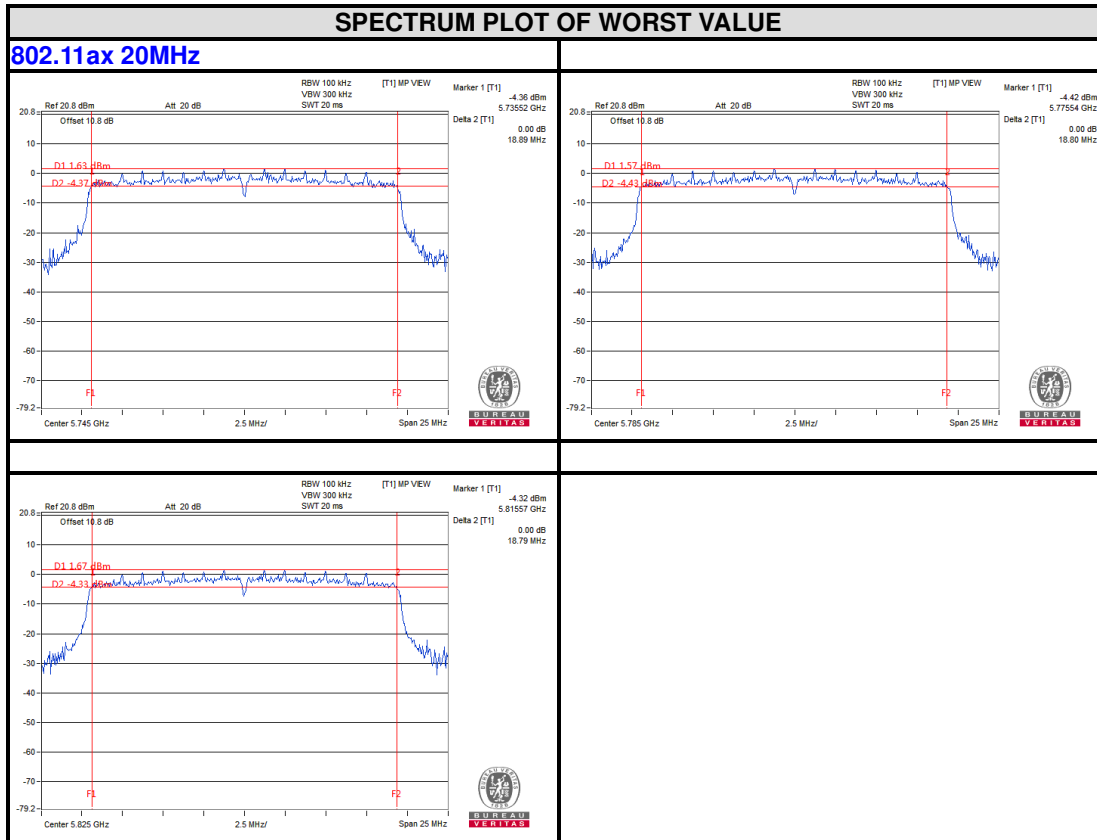
Chain 0



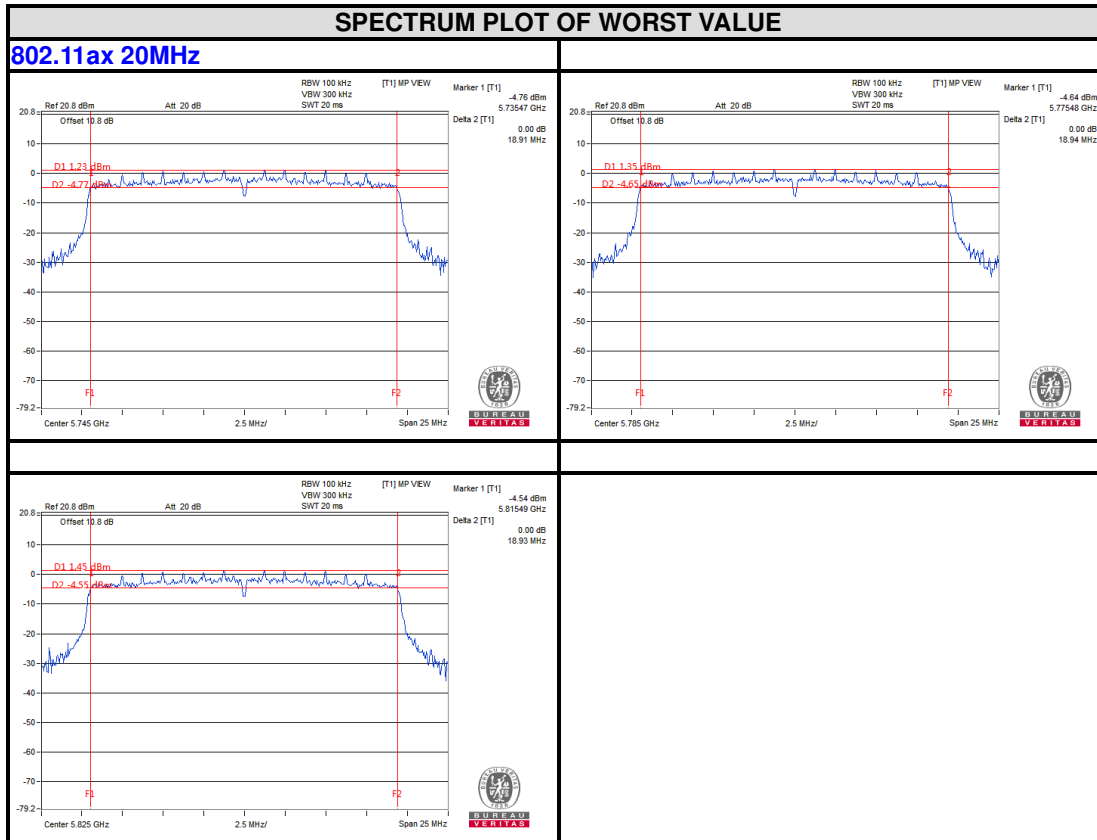
Chain 1



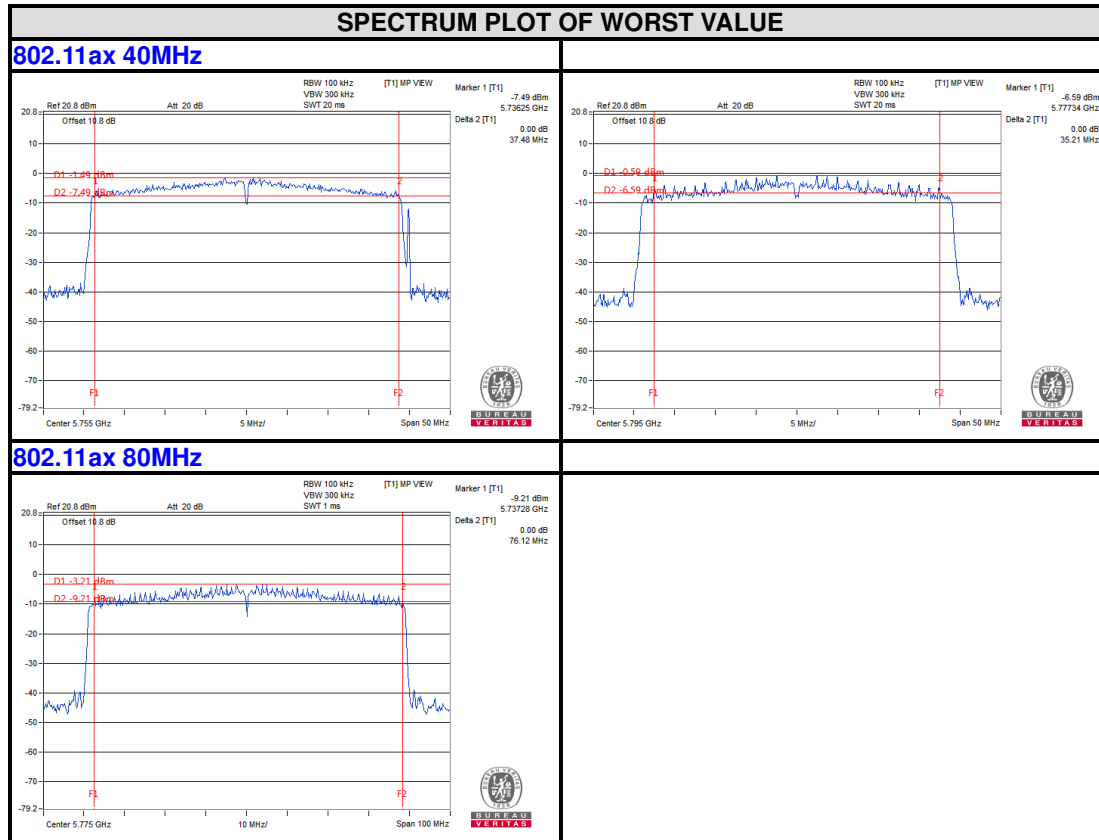
Chain 0



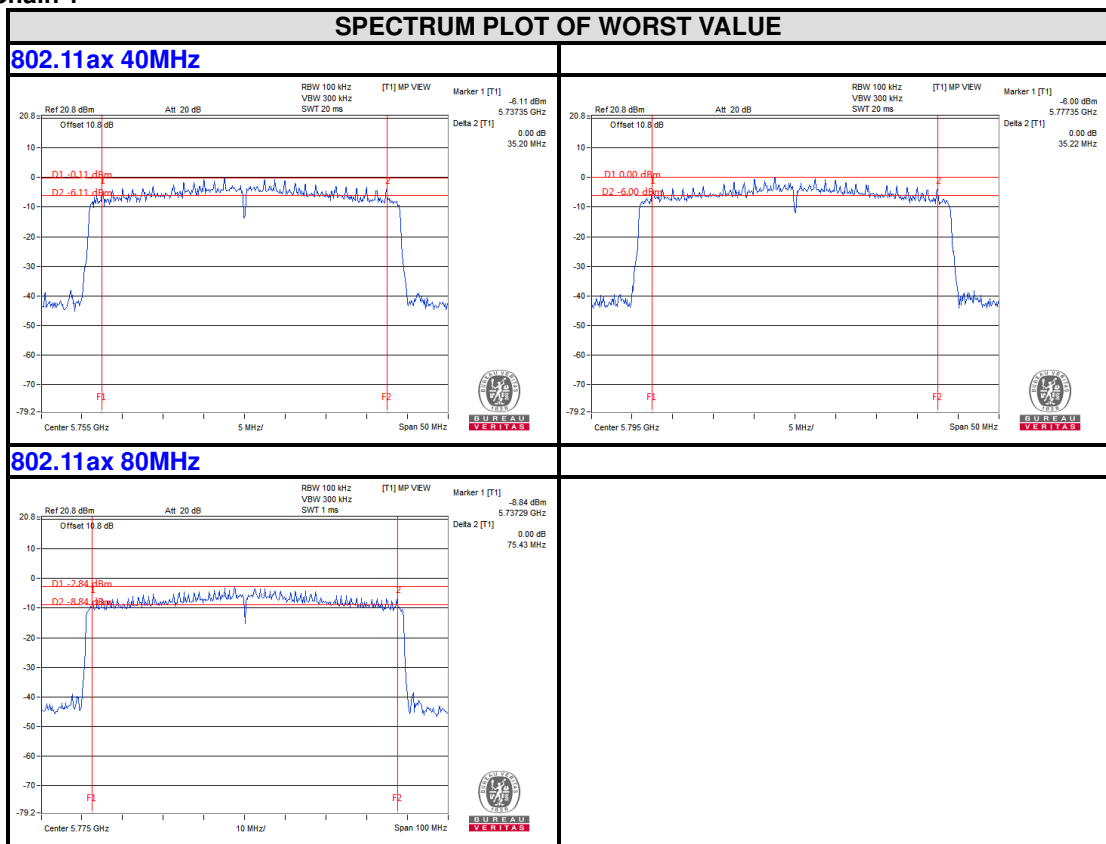
Chain 1



Chain 0



Chain 1





Test Report No.: RF2407WDG0195-4

4. PHOTOGRAPHS OF THE TEST CONFIGURATION

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



Test Report No.: RF2407WDG0195-4

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---