FCC Test Report (WLAN)

Report No.:	RF201119E01
FCC ID:	J9C-QCNFA765
Test Model:	QCNFA765
Received Date:	Nov. 19, 2020
Test Date:	Mar. 08 to 20, 2021
Issued Date:	Apr. 09, 2021
Applicant:	Qualcomm Technologies, Inc.
Address:	5775 Morehouse Drive, San Diego, CA 92121-1714
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan.
Test Location :	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan.
FCC Registration / Designation Number:	723255 / TW2022

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Release Control Record

Issue No.	Description	Date Issued
RF201119E01	Original release.	Apr. 09, 2021

1 Certificate of Conformity

Product:	Wi-Fi 6E BT 5.2 M.2 2230 Module
Brand:	Qualcomm
Test Model:	QCNFA765
Sample Status:	ENGINEERING SAMPLE
Applicant:	Qualcomm Technologies, Inc.
Test Date:	Mar. 08 to 20, 2021
Standards:	47 CFR FCC Part 15, Subpart C (Section 15.247) ANSI C63.10: 2013

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

Prepared by : _____ , **Date:** Apr. 09, 2021

Joyce Kuo / Specialist

Approved by : _____ , **Date:** Apr. 09, 2021

Clark Lin / Technical Manager

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247)			
FCC Clause	Test Item	Result	Remarks
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -12.04dB at 0.58359 MHz.
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -4.8dB at 36.31MHz
15.247(d)	Antenna Port Emission	PASS	Meet the requirement of limit.
15.247(a)(2)	6dB bandwidth	PASS	Meet the requirement of limit.
15.247(b)	Conducted power	PASS	Meet the requirement of limit.
15.247(e)	Power Spectral Density	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is i-pex (MHF 4L) not a standard connector.

Note:
Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	1.8 dB
Conducted Emissions	-	3.1 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.0 dB
	30MHz ~ 1GHz	4.9 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.1 dB
	6GHz ~ 18GHz	4.9 dB
	18GHz ~ 40GHz	5.2 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT (WLAN)

Product	Wi-Fi 6E BT 5.2 M.2 2230 Module
Brand	Qualcomm
Test Model	QCNFA765
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	3.3Vdc from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDM in 11ac mode and VHT20/40 in 2.4GHz mode 4096QAM for OFDMA in 11ax HE mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps VHT20/40: up to 500Mbps 802.11ac: up to 2166.7Mbps 802.11ax: up to 2969.7Mbps
Operating Frequency	**2.4GHz:** 2.412 ~ 2.472GHz **5GHz:** 5.18~ 5.24GHz, 5.26 ~ 5.32GHz, 5.5 ~ 5.72GHz, 5.745 ~ 5.825GHz **6GHz:** Under control by Standard Power AP: 5.935 ~ 6.415GHz, 6.535 ~ 6.855GHz Under control by Low-powerIndoor AP: 5.935 ~ 6.415GHz, 6.435 ~ 6.525GHz, 6.535 ~ 6.855GHz, 6.865 ~ 7.115GHz
Number of Channel	**2.4GHz:** 802.11b, 802.11g, 802.11n (HT20), VHT20, 802.11ax (HE20): 13 802.11n (HT40), VHT40, 802.11ax (HE40): 9 **5GHz:** 802.11a, 802.11n (HT20), 802.11ac (VHT20), 802.11ax (HE20): 25 802.11n (HT40), 802.11ac (VHT40), 802.11ax (HE40): 12 802.11ac (VHT80), 802.11ax (HE80): 6 802.11ac (VHT160), 802.11ax (HE160): 2 **6GHz:** 802.11a/ax (HE20): 60 802.11ax (HE40): 29 802.11ax (HE80): 14 802.11ax (HE160): 7

Output Power	**2.4GHz:** 756.279mW **5.18 ~ 5.25GHz:** 154.489mW **5.25 ~ 5.32GHz:** 153.87mW **5.5 ~ 5.72GHz:** 152.442mW **5.745 ~ 5.825GHz:** 151.553mW Under control of a Standard Power AP: **5.935 ~ 6.415GHz:** 152.069 mW (EIRP: 29.97 dBm / 993.116 mW) **6.535 ~ 6.855GHz:** 151.395 mW (EIRP: 29.97 dBm / 993.116 mW) Under control of a Low-power Indoor AP: **5.935 ~ 6.415GHz:** 23.162 mW (EIRP: 21.80 dBm / 151.356 mW) **6.435 ~ 6.525GHz:** 23.607 mW (EIRP: 21.83 dBm / 152.405 mW) **6.535 ~ 6.855GHz:** 23.692 mW (EIRP: 21.92 dBm / 155.597 mW) **6.865 ~ 7.115GHz:** 22.235 mW (EIRP: 21.60 dBm / 144.544 mW)
Antenna Type	Refer to section 3.2
Antenna Connector	Refer to section 3.2
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. This device of WLAN (2.4GHz & 5GHz U-NII-1 Band) can support hotspot mode.
2. Simultaneously transmission condition.

Condition	Technology	
1	WLAN(2.4GHz)	WLAN(6GHz)
2	WLAN(2.4GHz)	WLAN(5GHz)
3	WLAN(6GHz)	Bluetooth
4	WLAN(5GHz)	Bluetooth
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.		

3. The device of WLAN (2.4GHz) and Bluetooth technology can't transmit simultaneously, it was used timely shared coexistence technology.
4. The module has two variant designs as following table:

SKU No.	Description
SKU #1	M.2 2230 E-key
SKU #2	M.2 2230 AE-key
From the above variants designs, the worst case was found in **SKU #1.** Therefore only the test data of the mode was recorded in this report.	

5. The product provides option to depopulate external LNA (Low-Noise amplifier) from 5GHz/6GHz receive path. This test report covers variation of with/without external LNA and test was conducted to confirm not change in RF compliance and EMC. And worst case was found in without external LNA.

6. The EUT incorporates a MIMO function:

2.4GHZ BAND		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11b	2TX	2RX
802.11g	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
VHT20	2TX	2RX
VHT40	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (RU26/52/106/242/484)	2TX	2RX
5GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX
802.11ac (VHT160)	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/1992)	2TX	2RX
6GHz Band		
MODULATION MODE	**TX & RX CONFIGURATION**	
802.11a	2TX	2RX
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX
802.11ax (HE160)	2TX	2RX
802.11ax (RU26/52/106/242/484/996/1992)	2TX	2RX

Note:
1. The EUT support Beamforming and non-beamforming mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data (Beamforming mode) were presented in test report.
2. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz), VHT mode for 20MHz (40MHz) and 802.11ax mode for 20MHz (40MHz), therefore the manufacturer will control the power for 802.11n/ac mode is the same as the 802.11ax mode or more lower than it and investigated worst case to representative mode in test report. (Final test mode refer to section 3.3.1)

7. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Description of Antenna

The antenna gain was declared by client; please refer to the following table:

Antenna Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range	Cable Loss (dB)	Antenna Type	Connector Type	Cable Length
1	Chain0/1	HONGBO	260-25094	3.53	2.4~2.4835 GHz	0.76	PIFA	i-pex(MHF 4L)	300mm
				3.06	5.15~5.25 GHz	1.16			
				3.07	5.25~5.35 GHz	1.18			
				4.81	5.47~5.725 GHz	1.2			
				4.2	5.725~5.850 GHz	1.27			
2	Chain0/1	HONGBO	260-25083	5.09	5.850~5.895 GHz	1.29	PIFA	i-pex(MHF 4L)	300mm
				5.14	5.925~6.425 GHz	1.32			
				5.09	6.425~6.525 GHz	1.35			
				5.16	6.525~6.875 GHz	1.4			
				5.12	6.875~7.125 GHz	1.45			
3	Chain0/1	HONGBO	260-25084	3.22	2.4~2.4835 GHz	0.5	Monopole	i-pex(MHF 4L)	200mm
				3.35	5.150~5.250 GHz	0.76			
				3.42	5.250~5.350 GHz	0.78			
				4.77	5.470~5.725 GHz	0.81			
				4.72	5.725~5.850 GHz	0.85			
				4.71	5.850~5.895 GHz	0.86			
				4.75	5.925~6.425 GHz	0.87			
				4.29	6.425~6.525 GHz	0.91			
				4.81	6.525~6.875 GHz	0.96			
				4.74	6.875~7.125 GHz	0.98			

Note: The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.3 Description of Test Modes

13 channels are provided for 802.11b, 802.11g, 802.11n (HT20), VHT20 and 802.11ax (HE20):

Channel	Frequency	Channel	Frequency
1	2412MHz	7	2442MHz
2	2417MHz	8	2447MHz
3	2422MHz	9	2452MHz
4	2427MHz	10	2457MHz
5	2432MHz	11	2462MHz
6	2437MHz	12	2467MHz
		13	2472MHz

9 channels are provided for 802.11n (HT40), VHT40 and 802.11ax (HE40):

Channel	Frequency	Channel	Frequency
3	2422MHz	7	2442MHz
4	2427MHz	8	2447MHz
5	2432MHz	9	2452MHz
6	2437MHz	10	2457MHz
		11	2462MHz

3.3.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE≥1G	RE<1G	PLC	APCM	
-	√	√	√	√	-

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

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1Mb/s	-
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDMA	BPSK	6Mb/s	-
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDMA	BPSK	MCS0	-
VHT40	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDMA	BPSK	MCS0	-
802.11ax (HE20)	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDMA	BPSK	MCS0	-
802.11ax (HE40)	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDMA	BPSK	MCS0	-

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
						RU26	RU52	RU106	RU242
20MHz Preamble	1 to 13	1 2 6 10 11 12 13	OFDMA	BPSK	MCS0	26/0 26/0 26/4 26/8 26/8 26/8 26/8	52/37 52/37 52/38 52/40 52/40 52/40 52/40	106/53 106/53 106/53 106/54 106/54 106/54 106/54	242/61

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
						RU484
40MHz Preamble	3 to 11	3 4 6 8 9 10 11	OFDMA	BPSK	MCS0	484/65

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).

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

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11g	1 to 13	6	OFDM	BPSK	6Mb/s	-

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).

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

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11g	1 to 13	6	OFDM	BPSK	6Mb/s	-

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, RU configurations and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1Mb/s	-
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6Mb/s	-
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	MCS0	-
VHT40	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDM	BPSK	MCS0	-
802.11ax (HE20)	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	MCS0	-
802.11ax (HE40)	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDM	BPSK	MCS0	-

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration			
						RU26	RU52	RU 106	RU 242
20MHz Preamble	1 to 13	1	OFDMA	BPSK	MCS0	26/0	52/37	106/53	242/61
		2				26/0	52/37	106/53	
		6				26/4	52/38	106/53	
		10				26/8	52/40	106/54	
		11				26/8	52/40	106/54	
		12				26/8	52/40	106/54	
		13				26/8	52/40	106/54	

Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter	RU Configuration
						RU484
40MHz Preamble	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDMA	BPSK	MCS0	484/65

Test Condition:

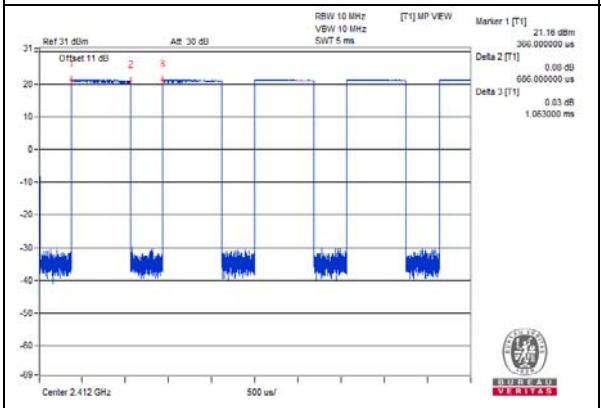
Applicable To	Environmental Conditions	Input Power (System)	Tested By
RE≥1G	25deg. C, 66%RH	120Vac, 60Hz	Tom Yang
RE<1G	25deg. C, 66%RH	120Vac, 60Hz	Tom Yang
PLC	24deg. C, 65%RH	120Vac, 60Hz	Tom Yang
APCM	25deg. C, 60%RH	120Vac, 60Hz	Kevin Ko

3.4 Duty Cycle of Test Signal

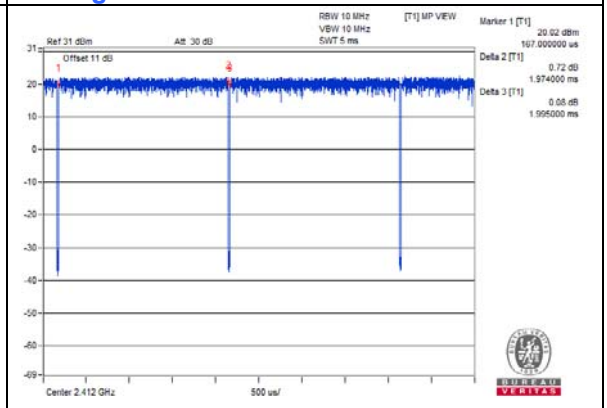
If duty cycle of test signal is ≥ 98 %, duty factor is not required.
If duty cycle of test signal is < 98%, duty factor shall be considered.

802.11b: Duty cycle = 0.686/1.063 = 0.645, Duty factor = 10 * log(1/Duty cycle) = 1.90dB
802.11g: Duty cycle = 1.974/1.995 = 0.989
VHT20: Duty cycle = 5.341/5.372 = 0.994
VHT40: Duty cycle = 5.41/5.435 = 0.995
802.11ax (HE20): Duty cycle = 5.341/5.372 = 0.994
802.11ax (HE40): Duty cycle = 5.41/5.435 = 0.995
20MHz Preamble (RU26): Duty cycle = 5.085/5.11 = 0.995
20MHz Preamble (RU52): Duty cycle = 5.111/5.141 = 0.994
20MHz Preamble (RU106): Duty cycle = 4.835/4.882 = 0.99
20MHz Preamble (RU242): Duty cycle = 4.655/4.7 = 0.99
40MHz Preamble (RU484): Duty cycle = 4.66/4.683 = 0.995

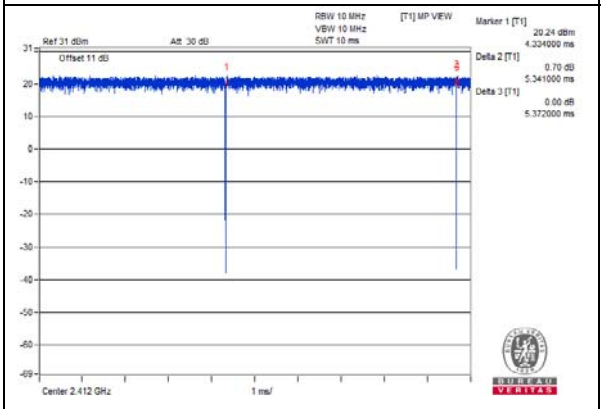
802.11b



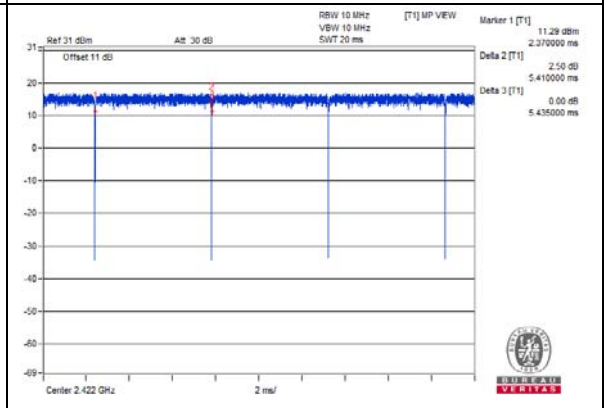
802.11g



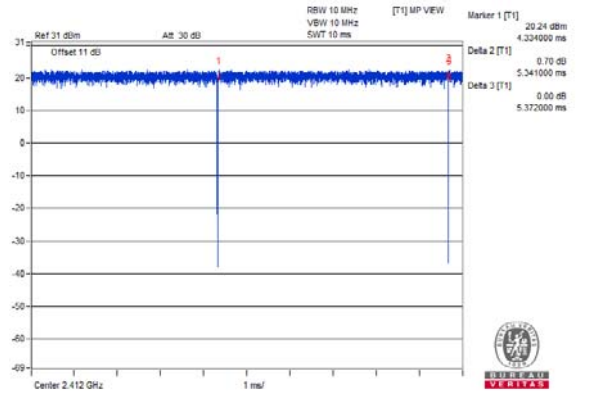
VHT20



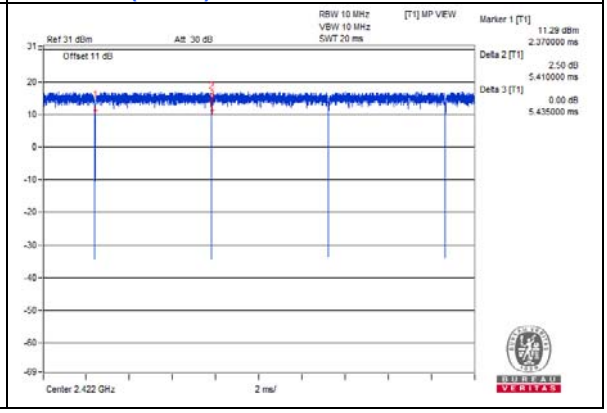
VHT40



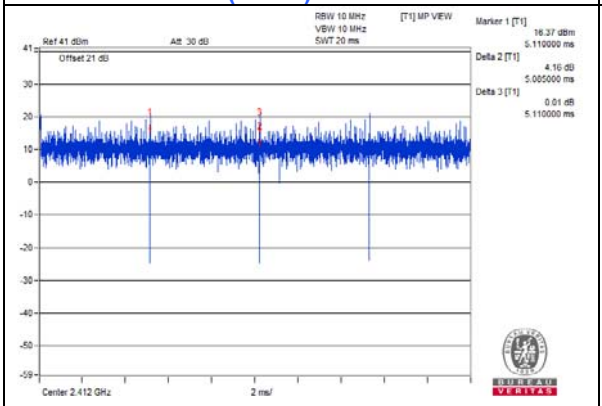
802.11ax (HE20)



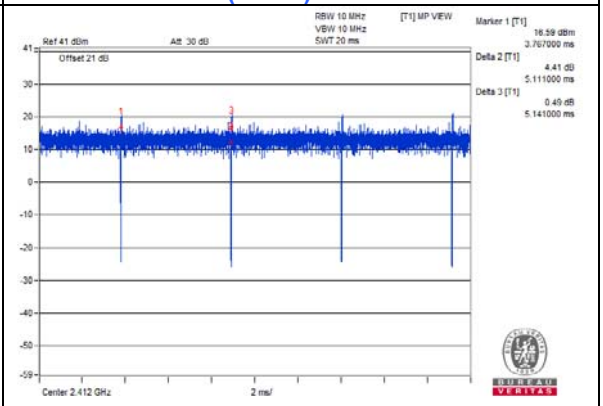
802.11ax (HE40)



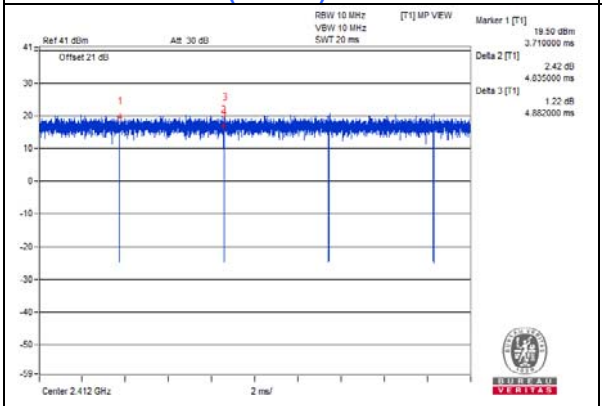
20MHz Preamble (RU26)



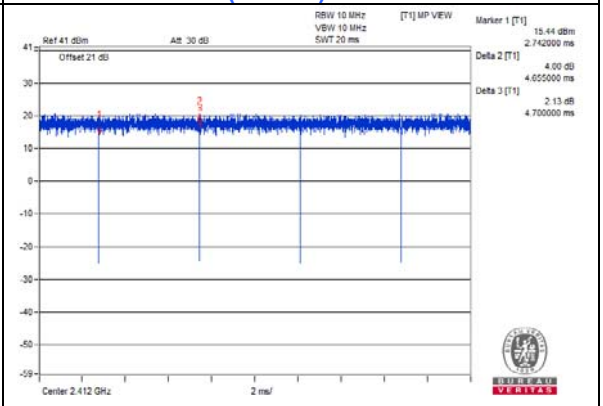
20MHz Preamble (RU52)



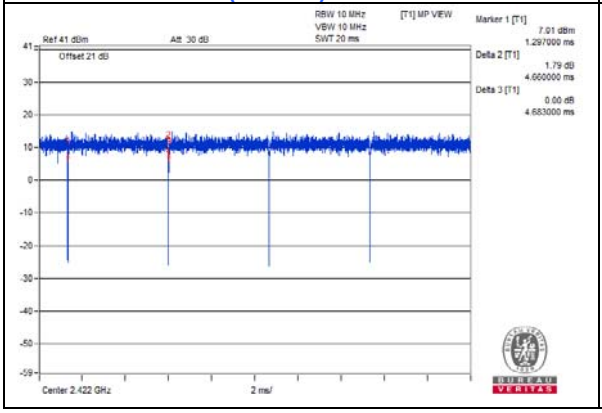
20MHz Preamble (RU106)



20MHz Preamble (RU242)



40MHz Preamble (RU484)



3.5 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.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	Dell	E5420	6FGHKV1	NA	Provided by Lab
B.	Test Tool	Qualcomm	Y6570	NA	NA	Supplied by client
C.	Adapter	PHIHONG	PSAA12A-120L6	NA	NA	Supplied by client

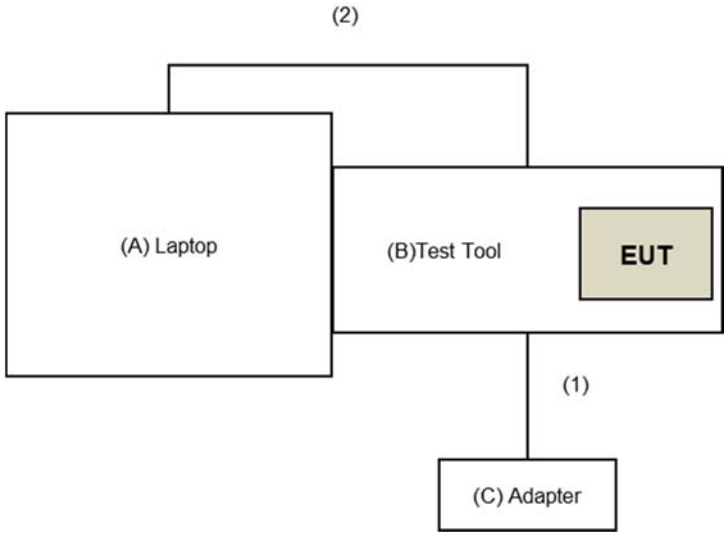
Note:

1. All power cords of the above support units are non-shielded (1.8m).

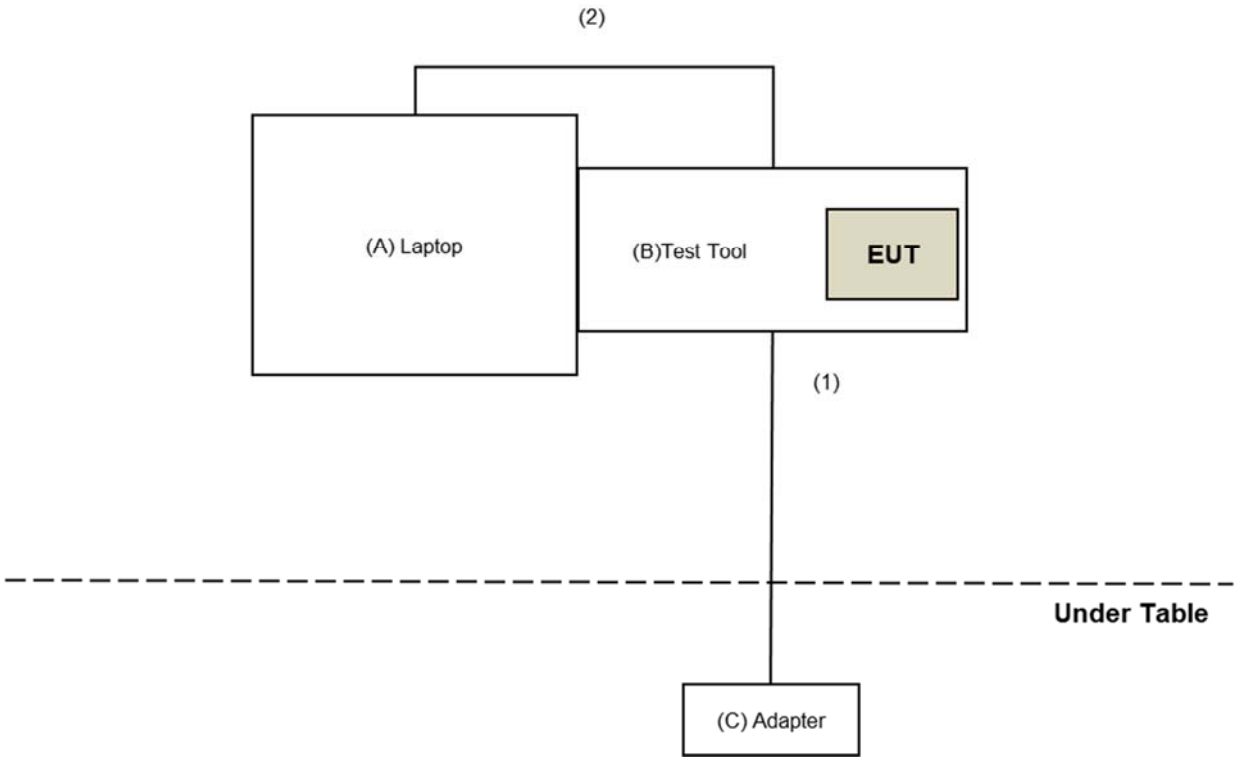
ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.2	No	0	Supplied by client
2.	USB Cable	1	0.6	No	0	Provided by Lab

3.5.1 Configuration of System under Test

For Conducted Emissions test:



For other test:



3.6 General Description of Applied Standards and references

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

Test standard:

FCC Part 15, Subpart C (15.247)
ANSI C63.10-2013

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

References Test Guidance:

KDB 558074 D01 15.247 Meas Guidance v05r02
KDB 662911 D01 Multiple Transmitter Output v02r01

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

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement (Radiated Versus Conducted)

4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

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

NOTE:

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

4.1.2 Test Instruments

For Radiated Emission test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 01, 2020	Nov. 30, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Mar. 05, 2021	Mar. 04, 2022
RF Cable	5D-FB	LOOPCAB-001	Jan. 07, 2021	Jan. 06, 2022
RF Cable	5D-FB	LOOPCAB-002	Jan. 07, 2021	Jan. 06, 2022
Pre-Amplifier EMCI	EMC330N	980701	Mar. 10, 2021	Mar. 09, 2022
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 06, 2020	Nov. 05, 2021
RF Cable	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 29, 2020	Apr. 28, 2021
RF Cable	EMC104-SM-SM-6000	180418	Apr. 29, 2020	Apr. 28, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-03	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Nov. 22, 2020	Nov. 21, 2021
Pre-Amplifier EMCI	EMC 12630 SE	980638	Apr. 08, 2020	Apr. 07, 2021
RF Cable	EMC104-SM-SM-1200	160922	Dec. 25, 2020	Dec. 24, 2021
RF Cable	EMC104-SM-SM-2000	180502	Apr. 29, 2020	Apr. 28, 2021
RF Cable	EMC104-SM-SM-6000	180418	Apr. 29, 2020	Apr. 28, 2021
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 11, 2021	Jan. 10, 2022
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 22, 2020	Nov. 21, 2021
RF Cable	EMC102-KM-KM-1200	160924	Jan. 11, 2021	Jan. 10, 2022
RF Cable	EMC-KM-KM-4000	200214	Mar. 10, 2021	Mar. 09, 2022
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in 966 Chamber No. 4.
3. Tested Date: Mar. 13 to 16, 2021

For other test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 2021
Spectrum Analyzer Keysight	N9030A	MY54490679	July 13, 2020	July 12, 2021
Power meter Anritsu	ML2495A	1529002	July 22, 2020	July 21, 2021
Power sensor Anritsu	MA2411B	1339443	July 22, 2020	July 21, 2021
Fixed Attenuator Mini-Circuits	MDCS18N-10	MDCS18N-10-01	Apr. 14, 2020	Apr. 13, 2021
Mech Switch Absorptive Mini-Circuits	MSP4TA-18+	0140	Feb. 05, 2021	Feb. 04, 2022
FXD ATTEN Mini-Circuits	BW-S3W2+	MN71981	Feb. 05, 2021	Feb. 04, 2022
Software	ADT_RF Test Software V6.6.5.4	NA	NA	NA

NOTE: 1. The test was performed in Oven room 2.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. Tested Date: Mar. 08 to 09, 2021

4.1.3 Test Procedures

Following FCC KDB 558074 D01 DTS Meas. Guidance :
Radiated versus Conducted Measurements.
The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.
The following steps was performed:

a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.

b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT

c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)

e. For all of Radiation emission test

For Radiated emission below 30MHz

e-1.1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

e-1.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

e-1.3. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

e-1.4. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e-1.5. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.
2. KDB 414788 OATS and Chamber Correlation Justification
   -Based on FCC 15.31(f)(2) : measurements may be performed at a distance closer than that specified in the regulations; however, an attempts should be made to avoid making measurements in the near field.
   -OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

For Radiated emission above 30MHz

e-2.1. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

e-2.2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

e-2.3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

e-2.4. 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-2.5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

e-2.6. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

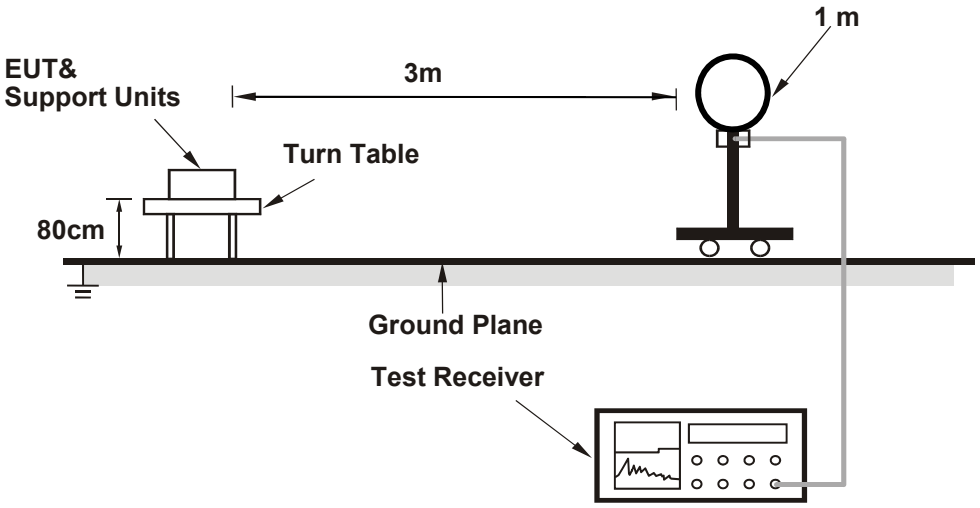
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

4.1.4 Deviation from Test Standard

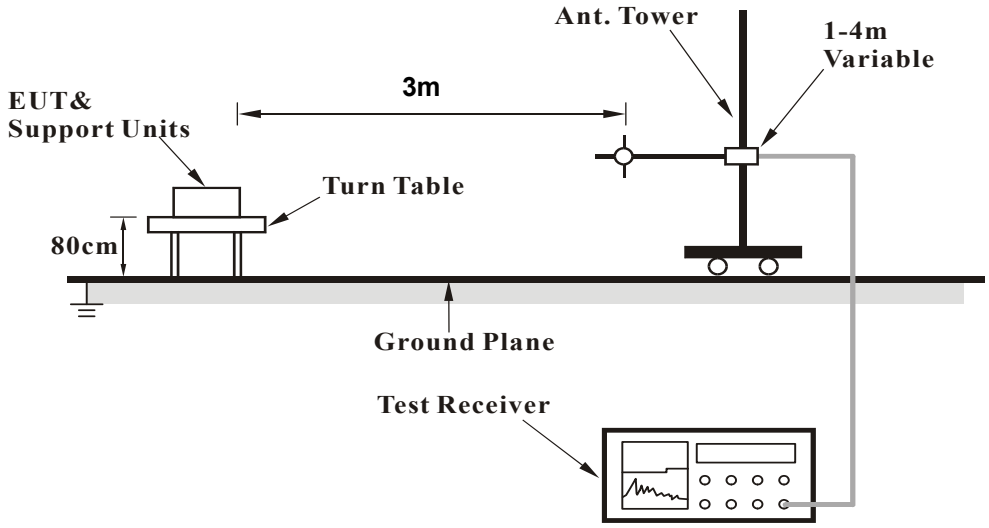
No deviation.

4.1.5 Test Setup

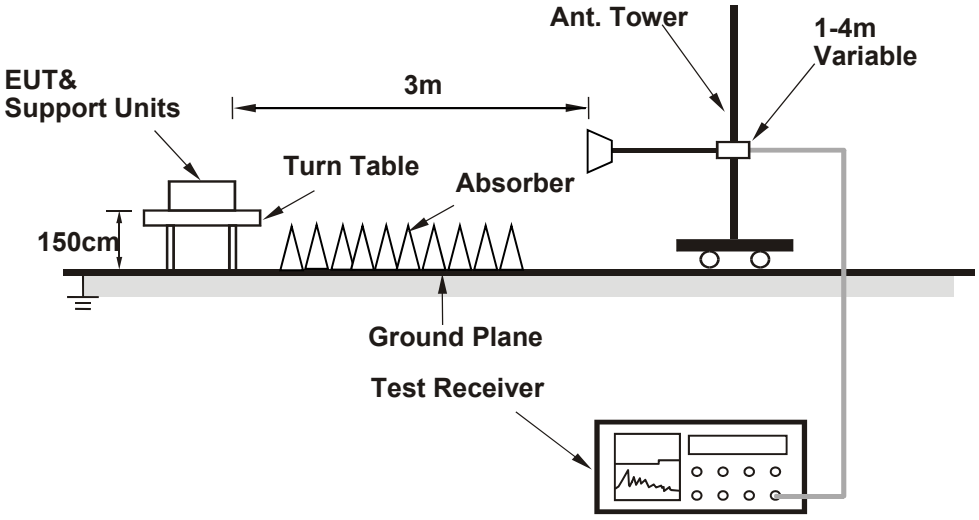
For radiated configuration:
For Radiated emission below 30MHz



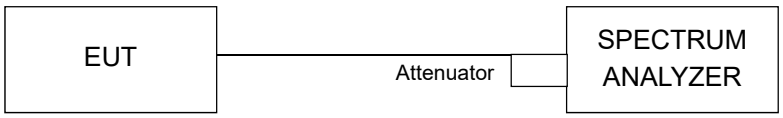
For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For conducted configuration:



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

4.1.6 EUT Operating Conditions

a. Connected the EUT with the Laptop which is placed on the testing table.
b. Controlling software (QRCT 4.0.00177.0) has been activated to set the EUT under transmission condition continuously at specific channel frenquency.

4.1.7 Test Results (Radiated Measurement)

Radiated versus Conducted Measurement	
☐ Conducted measurement	☒ Radiated measurement
For Radiated measurement: The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation) For Conducted measurement: The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).	

Radiated test was done with 50ohm terminator on antenna port

ABOVE 1GHz DATA

RF Mode	TX 802.11b	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.3 PK	74.0	-32.7	1.92 H	207	41.2	0.1
2	4824.00	28.4 AV	54.0	-25.6	1.92 H	207	28.3	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.3 PK	74.0	-32.7	1.75 V	176	41.2	0.1
2	4824.00	28.1 AV	54.0	-25.9	1.75 V	176	28.0	0.1

Remarks:

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

RF Mode	TX 802.11b	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.7 PK	74.0	-33.3	1.97 H	218	40.6	0.1
2	4874.00	28.0 AV	54.0	-26.0	1.97 H	218	27.9	0.1
3	7311.00	44.3 PK	74.0	-29.7	2.54 H	349	38.0	6.3
4	7311.00	31.7 AV	54.0	-22.3	2.54 H	349	25.4	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.6 PK	74.0	-33.4	1.77 V	193	40.5	0.1
2	4874.00	28.4 AV	54.0	-25.6	1.77 V	193	28.3	0.1
3	7311.00	44.8 PK	74.0	-29.2	2.14 V	75	38.5	6.3
4	7311.00	32.3 AV	54.0	-21.7	2.14 V	75	26.0	6.3

Remarks:

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

RF Mode	TX 802.11b	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	40.7 PK	74.0	-33.3	1.93 H	206	40.4	0.3
2	4924.00	27.9 AV	54.0	-26.1	1.93 H	206	27.6	0.3
3	7386.00	44.3 PK	74.0	-29.7	2.60 H	360	37.7	6.6
4	7386.00	31.6 AV	54.0	-22.4	2.60 H	360	25.0	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	40.5 PK	74.0	-33.5	1.79 V	184	40.2	0.3
2	4924.00	27.6 AV	54.0	-26.4	1.79 V	184	27.3	0.3
3	7386.00	44.7 PK	74.0	-29.3	2.20 V	62	38.1	6.6
4	7386.00	31.9 AV	54.0	-22.1	2.20 V	62	25.3	6.6

Remarks:

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

RF Mode	TX 802.11b	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	40.5 PK	74.0	-33.5	1.94 H	221	40.1	0.4
2	4934.00	27.8 AV	54.0	-26.2	1.94 H	221	27.4	0.4
3	7401.00	44.5 PK	74.0	-29.5	2.49 H	346	37.8	6.7
4	7401.00	31.7 AV	54.0	-22.3	2.49 H	346	25.0	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	39.9 PK	74.0	-34.1	1.76 V	183	39.5	0.4
2	4934.00	27.2 AV	54.0	-26.8	1.76 V	183	26.8	0.4
3	7401.00	44.4 PK	74.0	-29.6	2.14 V	65	37.7	6.7
4	7401.00	31.7 AV	54.0	-22.3	2.14 V	65	25.0	6.7

Remarks:

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

RF Mode	TX 802.11b	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.2 PK	74.0	-32.8	1.95 H	198	40.7	0.5
2	4944.00	28.3 AV	54.0	-25.7	1.95 H	198	27.8	0.5
3	7416.00	44.3 PK	74.0	-29.7	2.55 H	351	37.6	6.7
4	7416.00	31.3 AV	54.0	-22.7	2.55 H	351	24.6	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.1 PK	74.0	-32.9	1.75 V	185	40.6	0.5
2	4944.00	28.8 AV	54.0	-25.2	1.75 V	185	28.3	0.5
3	7416.00	45.3 PK	74.0	-28.7	2.08 V	82	38.6	6.7
4	7416.00	32.8 AV	54.0	-21.2	2.08 V	82	26.1	6.7

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.5 PK	74.0	-32.5	1.91 H	221	41.4	0.1
2	4824.00	27.7 AV	54.0	-26.3	1.91 H	221	27.6	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.0 PK	74.0	-33.0	1.80 V	192	40.9	0.1
2	4824.00	27.2 AV	54.0	-26.8	1.80 V	192	27.1	0.1

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	41.4 PK	74.0	-32.6	1.92 H	181	41.3	0.1
2	4834.00	28.0 AV	54.0	-26.0	1.92 H	181	27.9	0.1
3	7251.00	45.0 PK	74.0	-29.0	2.53 H	329	38.8	6.2
4	7251.00	31.3 AV	54.0	-22.7	2.53 H	329	25.1	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	40.9 PK	74.0	-33.1	1.72 V	192	40.8	0.1
2	4834.00	27.5 AV	54.0	-26.5	1.72 V	192	27.4	0.1
3	7251.00	44.4 PK	74.0	-29.6	2.01 V	59	38.2	6.2
4	7251.00	30.9 AV	54.0	-23.1	2.01 V	59	24.7	6.2

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.1 PK	74.0	-32.9	1.91 H	191	41.0	0.1
2	4874.00	27.5 AV	54.0	-26.5	1.91 H	191	27.4	0.1
3	7311.00	44.9 PK	74.0	-29.1	2.52 H	341	38.6	6.3
4	7311.00	31.3 AV	54.0	-22.7	2.52 H	341	25.0	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.5 PK	74.0	-33.5	1.72 V	192	40.4	0.1
2	4874.00	27.2 AV	54.0	-26.8	1.72 V	192	27.1	0.1
3	7311.00	44.7 PK	74.0	-29.3	2.02 V	70	38.4	6.3
4	7311.00	31.2 AV	54.0	-22.8	2.02 V	70	24.9	6.3

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.1 PK	74.0	-32.9	1.90 H	205	40.8	0.3
2	4914.00	27.3 AV	54.0	-26.7	1.90 H	205	27.0	0.3
3	7371.00	44.3 PK	74.0	-29.7	2.46 H	332	37.8	6.5
4	7371.00	31.0 AV	54.0	-23.0	2.46 H	332	24.5	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	40.2 PK	74.0	-33.8	1.80 V	195	39.9	0.3
2	4914.00	27.1 AV	54.0	-26.9	1.80 V	195	26.8	0.3
3	7371.00	43.8 PK	74.0	-30.2	1.96 V	92	37.3	6.5
4	7371.00	30.7 AV	54.0	-23.3	1.96 V	92	24.2	6.5

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.7 PK	74.0	-32.3	1.95 H	211	41.4	0.3
2	4924.00	28.0 AV	54.0	-26.0	1.95 H	211	27.7	0.3
3	7386.00	45.4 PK	74.0	-28.6	2.62 H	357	38.8	6.6
4	7386.00	31.6 AV	54.0	-22.4	2.62 H	357	25.0	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	39.9 PK	74.0	-34.1	1.76 V	185	39.6	0.3
2	4924.00	26.7 AV	54.0	-27.3	1.76 V	185	26.4	0.3
3	7386.00	44.4 PK	74.0	-29.6	1.99 V	85	37.8	6.6
4	7386.00	31.1 AV	54.0	-22.9	1.99 V	85	24.5	6.6

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.5 PK	74.0	-32.5	1.98 H	177	41.1	0.4
2	4934.00	28.0 AV	54.0	-26.0	1.98 H	177	27.6	0.4
3	7401.00	44.7 PK	74.0	-29.3	2.58 H	344	38.0	6.7
4	7401.00	31.0 AV	54.0	-23.0	2.58 H	344	24.3	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	40.4 PK	74.0	-33.6	1.68 V	188	40.0	0.4
2	4934.00	27.2 AV	54.0	-26.8	1.68 V	188	26.8	0.4
3	7401.00	45.0 PK	74.0	-29.0	1.97 V	69	38.3	6.7
4	7401.00	31.3 AV	54.0	-22.7	1.97 V	69	24.6	6.7

Remarks:

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

RF Mode	TX 802.11g	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	40.9 PK	74.0	-33.1	1.90 H	167	40.4	0.5
2	4944.00	27.7 AV	54.0	-26.3	1.90 H	167	27.2	0.5
3	7416.00	45.5 PK	74.0	-28.5	2.58 H	314	38.8	6.7
4	7416.00	31.7 AV	54.0	-22.3	2.58 H	314	25.0	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	40.7 PK	74.0	-33.3	1.71 V	197	40.2	0.5
2	4944.00	27.5 AV	54.0	-26.5	1.71 V	197	27.0	0.5
3	7416.00	44.3 PK	74.0	-29.7	2.03 V	79	37.6	6.7
4	7416.00	30.8 AV	54.0	-23.2	2.03 V	79	24.1	6.7

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	42.4 PK	74.0	-31.6	1.91 H	175	42.3	0.1
2	4824.00	28.2 AV	54.0	-25.8	1.91 H	175	28.1	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.3 PK	74.0	-32.7	1.64 V	189	41.2	0.1
2	4824.00	27.6 AV	54.0	-26.4	1.64 V	189	27.5	0.1

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	42.1 PK	74.0	-31.9	1.96 H	225	42.0	0.1
2	4834.00	28.0 AV	54.0	-26.0	1.96 H	225	27.9	0.1
3	7251.00	45.8 PK	74.0	-28.2	2.67 H	338	39.6	6.2
4	7251.00	30.6 AV	54.0	-23.4	2.67 H	338	24.4	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	41.3 PK	74.0	-32.7	1.64 V	174	41.2	0.1
2	4834.00	28.0 AV	54.0	-26.0	1.64 V	174	27.9	0.1
3	7251.00	45.0 PK	74.0	-29.0	1.93 V	94	38.8	6.2
4	7251.00	31.3 AV	54.0	-22.7	1.93 V	94	25.1	6.2

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.7 PK	74.0	-32.3	1.91 H	224	41.6	0.1
2	4874.00	27.8 AV	54.0	-26.2	1.91 H	224	27.7	0.1
3	7311.00	45.3 PK	74.0	-28.7	2.68 H	353	39.0	6.3
4	7311.00	30.4 AV	54.0	-23.6	2.68 H	353	24.1	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.4 PK	74.0	-32.6	1.67 V	177	41.3	0.1
2	4874.00	27.9 AV	54.0	-26.1	1.67 V	177	27.8	0.1
3	7311.00	44.5 PK	74.0	-29.5	1.96 V	87	38.2	6.3
4	7311.00	30.9 AV	54.0	-23.1	1.96 V	87	24.6	6.3

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	42.7 PK	74.0	-31.3	2.00 H	214	42.4	0.3
2	4914.00	28.4 AV	54.0	-25.6	2.00 H	214	28.1	0.3
3	7371.00	46.0 PK	74.0	-28.0	2.64 H	343	39.5	6.5
4	7371.00	30.8 AV	54.0	-23.2	2.64 H	343	24.3	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	40.9 PK	74.0	-33.1	1.65 V	188	40.6	0.3
2	4914.00	27.3 AV	54.0	-26.7	1.65 V	188	27.0	0.3
3	7371.00	44.1 PK	74.0	-29.9	1.96 V	92	37.6	6.5
4	7371.00	31.2 AV	54.0	-22.8	1.96 V	92	24.7	6.5

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	42.2 PK	74.0	-31.8	1.95 H	180	41.9	0.3
2	4924.00	28.0 AV	54.0	-26.0	1.95 H	180	27.7	0.3
3	7386.00	45.1 PK	74.0	-28.9	2.53 H	358	38.5	6.6
4	7386.00	30.2 AV	54.0	-23.8	2.53 H	358	23.6	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.3 PK	74.0	-32.7	1.61 V	181	41.0	0.3
2	4924.00	27.7 AV	54.0	-26.3	1.61 V	181	27.4	0.3
3	7386.00	43.8 PK	74.0	-30.2	1.98 V	89	37.2	6.6
4	7386.00	30.7 AV	54.0	-23.3	1.98 V	89	24.1	6.6

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	42.1 PK	74.0	-31.9	1.94 H	198	41.7	0.4
2	4934.00	27.8 AV	54.0	-26.2	1.94 H	198	27.4	0.4
3	7401.00	44.8 PK	74.0	-29.2	2.52 H	342	38.1	6.7
4	7401.00	30.1 AV	54.0	-23.9	2.52 H	342	23.4	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.6 PK	74.0	-32.4	1.67 V	189	41.2	0.4
2	4934.00	28.0 AV	54.0	-26.0	1.67 V	189	27.6	0.4
3	7401.00	44.3 PK	74.0	-29.7	2.02 V	79	37.6	6.7
4	7401.00	31.2 AV	54.0	-22.8	2.02 V	79	24.5	6.7

Remarks:

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

RF Mode	TX 802.11ax (HE20)	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.4 PK	74.0	-32.6	1.83 H	227	40.9	0.5
2	4944.00	27.6 AV	54.0	-26.4	1.83 H	227	27.1	0.5
3	7416.00	45.7 PK	74.0	-28.3	2.65 H	356	39.0	6.7
4	7416.00	30.7 AV	54.0	-23.3	2.65 H	356	24.0	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.4 PK	74.0	-32.6	1.64 V	203	40.9	0.5
2	4944.00	27.7 AV	54.0	-26.3	1.64 V	203	27.2	0.5
3	7416.00	44.8 PK	74.0	-29.2	1.99 V	82	38.1	6.7
4	7416.00	31.6 AV	54.0	-22.4	1.99 V	82	24.9	6.7

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 3：2422 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4844.00	42.1 PK	74.0	-31.9	1.92 H	196	42.0	0.1
2	4844.00	27.8 AV	54.0	-26.2	1.92 H	196	27.7	0.1
3	7266.00	44.5 PK	74.0	-29.5	2.49 H	327	38.3	6.2
4	7266.00	29.8 AV	54.0	-24.2	2.49 H	327	23.6	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4844.00	41.4 PK	74.0	-32.6	1.72 V	180	41.3	0.1
2	4844.00	27.8 AV	54.0	-26.2	1.72 V	180	27.7	0.1
3	7266.00	44.3 PK	74.0	-29.7	1.98 V	76	38.1	6.2
4	7266.00	30.6 AV	54.0	-23.4	1.98 V	76	24.4	6.2

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 4：2427 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4854.00	40.8 PK	74.0	-33.2	1.89 H	224	40.7	0.1
2	4854.00	27.3 AV	54.0	-26.7	1.89 H	224	27.2	0.1
3	7281.00	45.6 PK	74.0	-28.4	2.71 H	334	39.4	6.2
4	7281.00	31.0 AV	54.0	-23.0	2.71 H	334	24.8	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4854.00	41.0 PK	74.0	-33.0	1.63 V	181	40.9	0.1
2	4854.00	27.7 AV	54.0	-26.3	1.63 V	181	27.6	0.1
3	7281.00	44.2 PK	74.0	-29.8	2.08 V	71	38.0	6.2
4	7281.00	31.4 AV	54.0	-22.6	2.08 V	71	25.2	6.2

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.2 PK	74.0	-32.8	1.88 H	219	41.1	0.1
2	4874.00	27.4 AV	54.0	-26.6	1.88 H	219	27.3	0.1
3	7311.00	45.4 PK	74.0	-28.6	2.68 H	344	39.1	6.3
4	7311.00	30.7 AV	54.0	-23.3	2.68 H	344	24.4	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.2 PK	74.0	-32.8	1.63 V	187	41.1	0.1
2	4874.00	27.8 AV	54.0	-26.2	1.63 V	187	27.7	0.1
3	7311.00	43.9 PK	74.0	-30.1	2.03 V	72	37.6	6.3
4	7311.00	31.0 AV	54.0	-23.0	2.03 V	72	24.7	6.3

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 8：2447 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4894.00	41.4 PK	74.0	-32.6	1.75 H	230	41.2	0.2
2	4894.00	27.7 AV	54.0	-26.3	1.75 H	230	27.5	0.2
3	7341.00	45.7 PK	74.0	-28.3	2.71 H	350	39.3	6.4
4	7341.00	30.6 AV	54.0	-23.4	2.71 H	350	24.2	6.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4894.00	41.7 PK	74.0	-32.3	1.76 V	190	41.5	0.2
2	4894.00	27.9 AV	54.0	-26.1	1.76 V	190	27.7	0.2
3	7341.00	45.0 PK	74.0	-29.0	2.01 V	82	38.6	6.4
4	7341.00	31.1 AV	54.0	-22.9	2.01 V	82	24.7	6.4

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 9：2452 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4904.00	41.6 PK	74.0	-32.4	1.79 H	243	41.4	0.2
2	4904.00	27.7 AV	54.0	-26.3	1.79 H	243	27.5	0.2
3	7356.00	45.6 PK	74.0	-28.4	2.65 H	343	39.2	6.4
4	7356.00	30.6 AV	54.0	-23.4	2.65 H	343	24.2	6.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4904.00	41.5 PK	74.0	-32.5	1.59 V	186	41.3	0.2
2	4904.00	27.7 AV	54.0	-26.3	1.59 V	186	27.5	0.2
3	7356.00	43.5 PK	74.0	-30.5	2.00 V	79	37.1	6.4
4	7356.00	30.3 AV	54.0	-23.7	2.00 V	79	23.9	6.4

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	42.4 PK	74.0	-31.6	1.94 H	195	42.1	0.3
2	4914.00	28.1 AV	54.0	-25.9	1.94 H	195	27.8	0.3
3	7371.00	44.4 PK	74.0	-29.6	2.56 H	331	37.9	6.5
4	7371.00	30.0 AV	54.0	-24.0	2.56 H	331	23.5	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.3 PK	74.0	-32.7	1.62 V	166	41.0	0.3
2	4914.00	28.1 AV	54.0	-25.9	1.62 V	166	27.8	0.3
3	7371.00	44.3 PK	74.0	-29.7	1.95 V	88	37.8	6.5
4	7371.00	30.6 AV	54.0	-23.4	1.95 V	88	24.1	6.5

Remarks:

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

RF Mode	TX 802.11ax (HE40)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.7 PK	74.0	-32.3	1.97 H	201	41.4	0.3
2	4924.00	27.7 AV	54.0	-26.3	1.97 H	201	27.4	0.3
3	7386.00	44.3 PK	74.0	-29.7	2.52 H	348	37.7	6.6
4	7386.00	29.8 AV	54.0	-24.2	2.52 H	348	23.2	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.4 PK	74.0	-32.6	1.60 V	217	41.1	0.3
2	4924.00	27.9 AV	54.0	-26.1	1.60 V	217	27.6	0.3
3	7386.00	44.6 PK	74.0	-29.4	2.05 V	72	38.0	6.6
4	7386.00	31.5 AV	54.0	-22.5	2.05 V	72	24.9	6.6

Remarks:

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

20MHz Preamble

802.11ax (RU26)

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.1 PK	74.0	-32.9	1.85 H	195	41.0	0.1
2	4824.00	28.1 AV	54.0	-25.9	1.85 H	195	28.0	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.0 PK	74.0	-33.0	1.79 V	194	40.9	0.1
2	4824.00	27.8 AV	54.0	-26.2	1.79 V	194	27.7	0.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	40.6 PK	74.0	-33.4	2.03 H	226	40.5	0.1
2	4834.00	27.7 AV	54.0	-26.3	2.03 H	226	27.6	0.1
3	7251.00	43.8 PK	74.0	-30.2	2.59 H	344	37.6	6.2
4	7251.00	31.2 AV	54.0	-22.8	2.59 H	344	25.0	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	40.1 PK	74.0	-33.9	1.77 V	173	40.0	0.1
2	4834.00	28.1 AV	54.0	-25.9	1.77 V	173	28.0	0.1
3	7251.00	44.1 PK	74.0	-29.9	2.09 V	89	37.9	6.2
4	7251.00	31.8 AV	54.0	-22.2	2.09 V	89	25.6	6.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.6 PK	74.0	-33.4	2.03 H	226	40.5	0.1
2	4874.00	27.7 AV	54.0	-26.3	2.03 H	226	27.6	0.1
3	7311.00	43.8 PK	74.0	-30.2	2.59 H	344	37.5	6.3
4	7311.00	31.2 AV	54.0	-22.8	2.59 H	344	24.9	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.3 PK	74.0	-33.7	1.73 V	170	40.2	0.1
2	4874.00	28.2 AV	54.0	-25.8	1.73 V	170	28.1	0.1
3	7311.00	44.0 PK	74.0	-30.0	2.09 V	93	37.7	6.3
4	7311.00	31.9 AV	54.0	-22.1	2.09 V	93	25.6	6.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.4 PK	74.0	-32.6	1.92 H	230	41.1	0.3
2	4914.00	28.6 AV	54.0	-25.4	1.92 H	230	28.3	0.3
3	7371.00	43.3 PK	74.0	-30.7	2.57 H	345	36.8	6.5
4	7371.00	30.4 AV	54.0	-23.6	2.57 H	345	23.9	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	40.3 PK	74.0	-33.7	1.83 V	187	40.0	0.3
2	4914.00	28.5 AV	54.0	-25.5	1.83 V	187	28.2	0.3
3	7371.00	44.2 PK	74.0	-29.8	2.06 V	82	37.7	6.5
4	7371.00	32.0 AV	54.0	-22.0	2.06 V	82	25.5	6.5

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.0 PK	74.0	-33.0	1.88 H	202	40.7	0.3
2	4924.00	28.0 AV	54.0	-26.0	1.88 H	202	27.7	0.3
3	7386.00	44.1 PK	74.0	-29.9	2.58 H	350	37.5	6.6
4	7386.00	31.6 AV	54.0	-22.4	2.58 H	350	25.0	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	39.9 PK	74.0	-34.1	1.73 V	163	39.6	0.3
2	4924.00	27.8 AV	54.0	-26.2	1.73 V	163	27.5	0.3
3	7386.00	44.0 PK	74.0	-30.0	2.14 V	102	37.4	6.6
4	7386.00	31.9 AV	54.0	-22.1	2.14 V	102	25.3	6.6

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	40.6 PK	74.0	-33.4	2.05 H	208	40.2	0.4
2	4934.00	27.8 AV	54.0	-26.2	2.05 H	208	27.4	0.4
3	7401.00	43.6 PK	74.0	-30.4	2.57 H	360	36.9	6.7
4	7401.00	30.8 AV	54.0	-23.2	2.57 H	360	24.1	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	39.4 PK	74.0	-34.6	1.77 V	178	39.0	0.4
2	4934.00	27.3 AV	54.0	-26.7	1.77 V	178	26.9	0.4
3	7401.00	44.6 PK	74.0	-29.4	2.16 V	117	37.9	6.7
4	7401.00	32.2 AV	54.0	-21.8	2.16 V	117	25.5	6.7

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU26)	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	40.4 PK	74.0	-33.6	2.03 H	219	39.9	0.5
2	4944.00	27.8 AV	54.0	-26.2	2.03 H	219	27.3	0.5
3	7416.00	43.2 PK	74.0	-30.8	2.61 H	353	36.5	6.7
4	7416.00	30.4 AV	54.0	-23.6	2.61 H	353	23.7	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	39.6 PK	74.0	-34.4	1.76 V	190	39.1	0.5
2	4944.00	27.3 AV	54.0	-26.7	1.76 V	190	26.8	0.5
3	7416.00	44.8 PK	74.0	-29.2	2.11 V	111	38.1	6.7
4	7416.00	32.4 AV	54.0	-21.6	2.11 V	111	25.7	6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

4. The other emission levels were very low against the limit.

20MHz Preamble

802.11ax (RU52)

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	40.6 PK	74.0	-33.4	1.84 H	209	40.5	0.1
2	4824.00	27.8 AV	54.0	-26.2	1.84 H	209	27.7	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.1 PK	74.0	-32.9	1.79 V	188	41.0	0.1
2	4824.00	27.5 AV	54.0	-26.5	1.79 V	188	27.4	0.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	42.0 PK	74.0	-32.0	1.88 H	174	41.9	0.1
2	4834.00	28.1 AV	54.0	-25.9	1.88 H	174	28.0	0.1
3	7251.00	44.0 PK	74.0	-30.0	2.46 H	342	37.8	6.2
4	7251.00	30.7 AV	54.0	-23.3	2.46 H	342	24.5	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	40.6 PK	74.0	-33.4	1.76 V	164	40.5	0.1
2	4834.00	28.4 AV	54.0	-25.6	1.76 V	164	28.3	0.1
3	7251.00	43.9 PK	74.0	-30.1	2.09 V	104	37.7	6.2
4	7251.00	31.5 AV	54.0	-22.5	2.09 V	104	25.3	6.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.1 PK	74.0	-32.9	1.98 H	196	41.0	0.1
2	4874.00	27.6 AV	54.0	-26.4	1.98 H	196	27.5	0.1
3	7311.00	45.4 PK	74.0	-28.6	2.54 H	355	39.1	6.3
4	7311.00	31.5 AV	54.0	-22.5	2.54 H	355	25.2	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	39.7 PK	74.0	-34.3	1.78 V	190	39.6	0.1
2	4874.00	27.5 AV	54.0	-26.5	1.78 V	190	27.4	0.1
3	7311.00	44.8 PK	74.0	-29.2	2.17 V	107	38.5	6.3
4	7311.00	32.4 AV	54.0	-21.6	2.17 V	107	26.1	6.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.3 PK	74.0	-32.7	2.01 H	208	41.0	0.3
2	4914.00	27.8 AV	54.0	-26.2	2.01 H	208	27.5	0.3
3	7371.00	44.9 PK	74.0	-29.1	2.58 H	357	38.4	6.5
4	7371.00	31.2 AV	54.0	-22.8	2.58 H	357	24.7	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	39.3 PK	74.0	-34.7	1.83 V	193	39.0	0.3
2	4914.00	27.2 AV	54.0	-26.8	1.83 V	193	26.9	0.3
3	7371.00	44.7 PK	74.0	-29.3	2.22 V	89	38.2	6.5
4	7371.00	32.3 AV	54.0	-21.7	2.22 V	89	25.8	6.5

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.0 PK	74.0	-33.0	1.90 H	195	40.7	0.3
2	4924.00	27.6 AV	54.0	-26.4	1.90 H	195	27.3	0.3
3	7386.00	44.8 PK	74.0	-29.2	2.56 H	332	38.2	6.6
4	7386.00	31.4 AV	54.0	-22.6	2.56 H	332	24.8	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	39.1 PK	74.0	-34.9	1.81 V	207	38.8	0.3
2	4924.00	27.0 AV	54.0	-27.0	1.81 V	207	26.7	0.3
3	7386.00	44.9 PK	74.0	-29.1	2.22 V	96	38.3	6.6
4	7386.00	32.3 AV	54.0	-21.7	2.22 V	96	25.7	6.6

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.5 PK	74.0	-32.5	2.04 H	216	41.1	0.4
2	4934.00	28.0 AV	54.0	-26.0	2.04 H	216	27.6	0.4
3	7401.00	45.7 PK	74.0	-28.3	2.54 H	360	39.0	6.7
4	7401.00	31.9 AV	54.0	-22.1	2.54 H	360	25.2	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.4 PK	74.0	-32.6	1.65 V	200	41.0	0.4
2	4934.00	28.1 AV	54.0	-25.9	1.65 V	200	27.7	0.4
3	7401.00	44.1 PK	74.0	-29.9	2.09 V	67	37.4	6.7
4	7401.00	30.7 AV	54.0	-23.3	2.09 V	67	24.0	6.7

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU52)	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.8 PK	74.0	-32.2	1.99 H	207	41.3	0.5
2	4944.00	28.2 AV	54.0	-25.8	1.99 H	207	27.7	0.5
3	7416.00	45.5 PK	74.0	-28.5	2.59 H	358	38.8	6.7
4	7416.00	31.6 AV	54.0	-22.4	2.59 H	358	24.9	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	38.6 PK	74.0	-35.4	1.85 V	194	38.1	0.5
2	4944.00	26.8 AV	54.0	-27.2	1.85 V	194	26.3	0.5
3	7416.00	44.3 PK	74.0	-29.7	2.17 V	80	37.6	6.7
4	7416.00	31.9 AV	54.0	-22.1	2.17 V	80	25.2	6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

4. The other emission levels were very low against the limit.

20MHz Preamble

802.11ax (RU106)

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.6 PK	74.0	-32.4	1.91 H	220	41.5	0.1
2	4824.00	27.8 AV	54.0	-26.2	1.91 H	220	27.7	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	39.6 PK	74.0	-34.4	1.79 V	162	39.5	0.1
2	4824.00	28.2 AV	54.0	-25.8	1.79 V	162	28.1	0.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	41.1 PK	74.0	-32.9	1.88 H	197	41.0	0.1
2	4834.00	27.7 AV	54.0	-26.3	1.88 H	197	27.6	0.1
3	7251.00	44.9 PK	74.0	-29.1	2.55 H	346	38.7	6.2
4	7251.00	31.3 AV	54.0	-22.7	2.55 H	346	25.1	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	39.8 PK	74.0	-34.2	1.78 V	172	39.7	0.1
2	4834.00	28.2 AV	54.0	-25.8	1.78 V	172	28.1	0.1
3	7251.00	44.0 PK	74.0	-30.0	2.07 V	82	37.8	6.2
4	7251.00	31.8 AV	54.0	-22.2	2.07 V	82	25.6	6.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	42.5 PK	74.0	-31.5	1.97 H	209	42.4	0.1
2	4874.00	28.6 AV	54.0	-25.4	1.97 H	209	28.5	0.1
3	7311.00	45.4 PK	74.0	-28.6	2.55 H	350	39.1	6.3
4	7311.00	31.2 AV	54.0	-22.8	2.55 H	350	24.9	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.9 PK	74.0	-33.1	1.70 V	192	40.8	0.1
2	4874.00	27.8 AV	54.0	-26.2	1.70 V	192	27.7	0.1
3	7311.00	44.5 PK	74.0	-29.5	2.05 V	73	38.2	6.3
4	7311.00	31.1 AV	54.0	-22.9	2.05 V	73	24.8	6.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	40.9 PK	74.0	-33.1	1.94 H	211	40.6	0.3
2	4914.00	27.3 AV	54.0	-26.7	1.94 H	211	27.0	0.3
3	7371.00	44.3 PK	74.0	-29.7	2.61 H	356	37.8	6.5
4	7371.00	30.7 AV	54.0	-23.3	2.61 H	356	24.2	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	38.6 PK	74.0	-35.4	1.91 V	181	38.3	0.3
2	4914.00	26.7 AV	54.0	-27.3	1.91 V	181	26.4	0.3
3	7371.00	44.2 PK	74.0	-29.8	2.15 V	93	37.7	6.5
4	7371.00	31.6 AV	54.0	-22.4	2.15 V	93	25.1	6.5

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.0 PK	74.0	-33.0	1.95 H	196	40.7	0.3
2	4924.00	27.1 AV	54.0	-26.9	1.95 H	196	26.8	0.3
3	7386.00	44.2 PK	74.0	-29.8	2.61 H	339	37.6	6.6
4	7386.00	30.6 AV	54.0	-23.4	2.61 H	339	24.0	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	40.5 PK	74.0	-33.5	1.80 V	169	40.2	0.3
2	4924.00	26.9 AV	54.0	-27.1	1.80 V	169	26.6	0.3
3	7386.00	43.9 PK	74.0	-30.1	2.04 V	83	37.3	6.6
4	7386.00	30.4 AV	54.0	-23.6	2.04 V	83	23.8	6.6

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.0 PK	74.0	-33.0	1.94 H	196	40.6	0.4
2	4934.00	27.2 AV	54.0	-26.8	1.94 H	196	26.8	0.4
3	7401.00	45.0 PK	74.0	-29.0	2.51 H	349	38.3	6.7
4	7401.00	31.0 AV	54.0	-23.0	2.51 H	349	24.3	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.1 PK	74.0	-32.9	1.74 V	196	40.7	0.4
2	4934.00	27.3 AV	54.0	-26.7	1.74 V	196	26.9	0.4
3	7401.00	45.2 PK	74.0	-28.8	2.03 V	79	38.5	6.7
4	7401.00	31.1 AV	54.0	-22.9	2.03 V	79	24.4	6.7

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU106)	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	40.9 PK	74.0	-33.1	1.95 H	215	40.4	0.5
2	4944.00	27.3 AV	54.0	-26.7	1.95 H	215	26.8	0.5
3	7416.00	44.8 PK	74.0	-29.2	2.59 H	332	38.1	6.7
4	7416.00	31.2 AV	54.0	-22.8	2.59 H	332	24.5	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.2 PK	74.0	-32.8	1.64 V	186	40.7	0.5
2	4944.00	27.6 AV	54.0	-26.4	1.64 V	186	27.1	0.5
3	7416.00	44.4 PK	74.0	-29.6	2.04 V	84	37.7	6.7
4	7416.00	30.7 AV	54.0	-23.3	2.04 V	84	24.0	6.7

Remarks:

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

20MHz Preamble

802.11ax (RU242)

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 1：2412 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.5 PK	74.0	-32.5	2.01 H	196	41.4	0.1
2	4824.00	27.7 AV	54.0	-26.3	2.01 H	196	27.6	0.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4824.00	41.1 PK	74.0	-32.9	1.62 V	182	41.0	0.1
2	4824.00	27.9 AV	54.0	-26.1	1.62 V	182	27.8	0.1

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 2：2417 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	41.2 PK	74.0	-32.8	1.93 H	215	41.1	0.1
2	4834.00	27.4 AV	54.0	-26.6	1.93 H	215	27.3	0.1
3	7251.00	45.4 PK	74.0	-28.6	2.64 H	344	39.2	6.2
4	7251.00	30.7 AV	54.0	-23.3	2.64 H	344	24.5	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4834.00	41.9 PK	74.0	-32.1	1.61 V	173	41.8	0.1
2	4834.00	28.3 AV	54.0	-25.7	1.61 V	173	28.2	0.1
3	7251.00	43.9 PK	74.0	-30.1	1.99 V	80	37.7	6.2
4	7251.00	30.4 AV	54.0	-23.6	1.99 V	80	24.2	6.2

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.5 PK	74.0	-32.5	1.99 H	197	41.4	0.1
2	4874.00	27.5 AV	54.0	-26.5	1.99 H	197	27.4	0.1
3	7311.00	45.2 PK	74.0	-28.8	2.45 H	348	38.9	6.3
4	7311.00	30.9 AV	54.0	-23.1	2.45 H	348	24.6	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.8 PK	74.0	-33.2	1.75 V	202	40.7	0.1
2	4874.00	27.2 AV	54.0	-26.8	1.75 V	202	27.1	0.1
3	7311.00	45.4 PK	74.0	-28.6	1.99 V	78	39.1	6.3
4	7311.00	31.1 AV	54.0	-22.9	1.99 V	78	24.8	6.3

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.3 PK	74.0	-32.7	1.92 H	206	41.0	0.3
2	4914.00	27.3 AV	54.0	-26.7	1.92 H	206	27.0	0.3
3	7371.00	45.3 PK	74.0	-28.7	2.70 H	332	38.8	6.5
4	7371.00	30.8 AV	54.0	-23.2	2.70 H	332	24.3	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	4914.00	41.4 PK	74.0	-32.6	1.58 V	168	41.1	0.3
2	4914.00	28.1 AV	54.0	-25.9	1.58 V	168	27.8	0.3
3	7371.00	43.8 PK	74.0	-30.2	2.03 V	66	37.3	6.5
4	7371.00	30.4 AV	54.0	-23.6	2.03 V	66	23.9	6.5

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.4 PK	74.0	-32.6	1.95 H	185	41.1	0.3
2	4924.00	27.4 AV	54.0	-26.6	1.95 H	185	27.1	0.3
3	7386.00	44.7 PK	74.0	-29.3	2.67 H	347	38.1	6.6
4	7386.00	30.8 AV	54.0	-23.2	2.67 H	347	24.2	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	42.3 PK	74.0	-31.7	1.63 V	180	42.0	0.3
2	4924.00	28.6 AV	54.0	-25.4	1.63 V	180	28.3	0.3
3	7386.00	43.7 PK	74.0	-30.3	1.96 V	87	37.1	6.6
4	7386.00	30.2 AV	54.0	-23.8	1.96 V	87	23.6	6.6

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 12：2467 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.2 PK	74.0	-32.8	1.98 H	182	40.8	0.4
2	4934.00	27.3 AV	54.0	-26.7	1.98 H	182	26.9	0.4
3	7401.00	43.9 PK	74.0	-30.1	2.69 H	354	37.2	6.7
4	7401.00	30.3 AV	54.0	-23.7	2.69 H	354	23.6	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4934.00	41.9 PK	74.0	-32.1	1.66 V	180	41.5	0.4
2	4934.00	28.3 AV	54.0	-25.7	1.66 V	180	27.9	0.4
3	7401.00	43.8 PK	74.0	-30.2	1.94 V	81	37.1	6.7
4	7401.00	30.4 AV	54.0	-23.6	1.94 V	81	23.7	6.7

Remarks:

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

RF Mode	TX 20MHz Preamble 802.11ax (RU242)	Channel	CH 13：2472 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	41.6 PK	74.0	-32.4	2.04 H	204	41.1	0.5
2	4944.00	27.3 AV	54.0	-26.7	2.04 H	204	26.8	0.5
3	7416.00	44.8 PK	74.0	-29.2	2.46 H	346	38.1	6.7
4	7416.00	30.4 AV	54.0	-23.6	2.46 H	346	23.7	6.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4944.00	40.4 PK	74.0	-33.6	1.74 V	201	39.9	0.5
2	4944.00	26.7 AV	54.0	-27.3	1.74 V	201	26.2	0.5
3	7416.00	45.3 PK	74.0	-28.7	2.01 V	87	38.6	6.7
4	7416.00	31.3 AV	54.0	-22.7	2.01 V	87	24.6	6.7

Remarks:

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

40MHz Preamble

802.11ax (RU484)

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 3：2422 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4844.00	41.4 PK	74.0	-32.6	2.03 H	181	41.3	0.1
2	4844.00	27.5 AV	54.0	-26.5	2.03 H	181	27.4	0.1
3	7266.00	43.2 PK	74.0	-30.8	2.69 H	343	37.0	6.2
4	7266.00	29.9 AV	54.0	-24.1	2.69 H	343	23.7	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4844.00	41.6 PK	74.0	-32.4	1.71 V	194	41.5	0.1
2	4844.00	27.9 AV	54.0	-26.1	1.71 V	194	27.8	0.1
3	7266.00	44.0 PK	74.0	-30.0	1.93 V	77	37.8	6.2
4	7266.00	30.2 AV	54.0	-23.8	1.93 V	77	24.0	6.2

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 4：2427 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4854.00	41.2 PK	74.0	-32.8	1.90 H	205	41.1	0.1
2	4854.00	27.3 AV	54.0	-26.7	1.90 H	205	27.2	0.1
3	7281.00	45.7 PK	74.0	-28.3	2.64 H	358	39.5	6.2
4	7281.00	30.8 AV	54.0	-23.2	2.64 H	358	24.6	6.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4854.00	40.8 PK	74.0	-33.2	1.71 V	183	40.7	0.1
2	4854.00	26.6 AV	54.0	-27.4	1.71 V	183	26.5	0.1
3	7281.00	44.8 PK	74.0	-29.2	2.02 V	91	38.6	6.2
4	7281.00	31.3 AV	54.0	-22.7	2.02 V	91	25.1	6.2

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 6：2437 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	41.1 PK	74.0	-32.9	1.99 H	189	41.0	0.1
2	4874.00	27.2 AV	54.0	-26.8	1.99 H	189	27.1	0.1
3	7311.00	44.7 PK	74.0	-29.3	2.68 H	352	38.4	6.3
4	7311.00	31.0 AV	54.0	-23.0	2.68 H	352	24.7	6.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874.00	40.3 PK	74.0	-33.7	1.73 V	189	40.2	0.1
2	4874.00	27.0 AV	54.0	-27.0	1.73 V	189	26.9	0.1
3	7311.00	45.4 PK	74.0	-28.6	2.03 V	94	39.1	6.3
4	7311.00	30.9 AV	54.0	-23.1	2.03 V	94	24.6	6.3

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 8：2447 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4894.00	41.2 PK	74.0	-32.8	1.99 H	167	41.0	0.2
2	4894.00	27.2 AV	54.0	-26.8	1.99 H	167	27.0	0.2
3	7341.00	43.0 PK	74.0	-31.0	2.64 H	358	36.6	6.4
4	7341.00	29.8 AV	54.0	-24.2	2.64 H	358	23.4	6.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4894.00	40.9 PK	74.0	-33.1	1.75 V	170	40.7	0.2
2	4894.00	26.8 AV	54.0	-27.2	1.75 V	170	26.6	0.2
3	7341.00	45.3 PK	74.0	-28.7	2.02 V	77	38.9	6.4
4	7341.00	31.5 AV	54.0	-22.5	2.02 V	77	25.1	6.4

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 9：2452 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4904.00	41.4 PK	74.0	-32.6	2.03 H	176	41.2	0.2
2	4904.00	27.5 AV	54.0	-26.5	2.03 H	176	27.3	0.2
3	7356.00	43.4 PK	74.0	-30.6	2.67 H	347	37.0	6.4
4	7356.00	30.1 AV	54.0	-23.9	2.67 H	347	23.7	6.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4904.00	41.5 PK	74.0	-32.5	1.73 V	169	41.3	0.2
2	4904.00	27.1 AV	54.0	-26.9	1.73 V	169	26.9	0.2
3	7356.00	44.8 PK	74.0	-29.2	2.02 V	73	38.4	6.4
4	7356.00	31.3 AV	54.0	-22.7	2.02 V	73	24.9	6.4

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 10：2457 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.3 PK	74.0	-32.7	2.05 H	187	41.0	0.3
2	4914.00	27.5 AV	54.0	-26.5	2.05 H	187	27.2	0.3
3	7371.00	44.9 PK	74.0	-29.1	2.63 H	359	38.4	6.5
4	7371.00	31.2 AV	54.0	-22.8	2.63 H	359	24.7	6.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4914.00	41.0 PK	74.0	-33.0	1.67 V	185	40.7	0.3
2	4914.00	26.6 AV	54.0	-27.4	1.67 V	185	26.3	0.3
3	7371.00	44.9 PK	74.0	-29.1	2.02 V	88	38.4	6.5
4	7371.00	31.4 AV	54.0	-22.6	2.02 V	88	24.9	6.5

Remarks:

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

RF Mode	TX 40MHz Preamble 802.11ax (RU484)	Channel	CH 11：2462 MHz
Frequency Range	1GHz ~ 25GHz	Detector Function	Peak (PK) Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.1 PK	74.0	-32.9	1.93 H	178	40.8	0.3
2	4924.00	26.8 AV	54.0	-27.2	1.93 H	178	26.5	0.3
3	7386.00	43.2 PK	74.0	-30.8	2.66 H	343	36.6	6.6
4	7386.00	29.9 AV	54.0	-24.1	2.66 H	343	23.3	6.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4924.00	41.0 PK	74.0	-33.0	1.77 V	163	40.7	0.3
2	4924.00	26.7 AV	54.0	-27.3	1.77 V	163	26.4	0.3
3	7386.00	45.1 PK	74.0	-28.9	2.00 V	69	38.5	6.6
4	7386.00	31.6 AV	54.0	-22.4	2.00 V	69	25.0	6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value

4. The other emission levels were very low against the limit.

Below 1GHz Data:

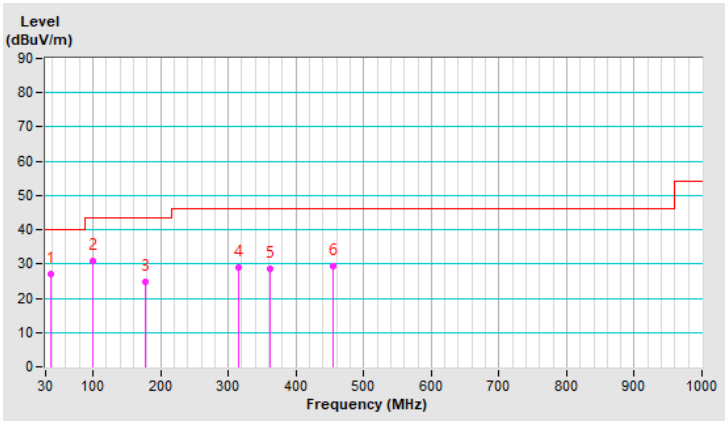
For Radiated test was done with 50ohm terminator on antenna port

RF Mode	TX 802.11g	Channel	CH 6：2437 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.84	26.9 QP	40.0	-13.1	2.00 H	160	40.2	-13.3
2	99.85	30.9 QP	43.5	-12.6	1.50 H	351	47.8	-16.9
3	177.91	24.8 QP	43.5	-18.7	1.50 H	193	38.8	-14.0
4	315.89	28.8 QP	46.0	-17.2	1.50 H	181	40.2	-11.4
5	361.22	28.7 QP	46.0	-17.3	1.00 H	97	39.1	-10.4
6	454.80	29.5 QP	46.0	-16.5	2.00 H	179	37.3	-7.8

Remarks:

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

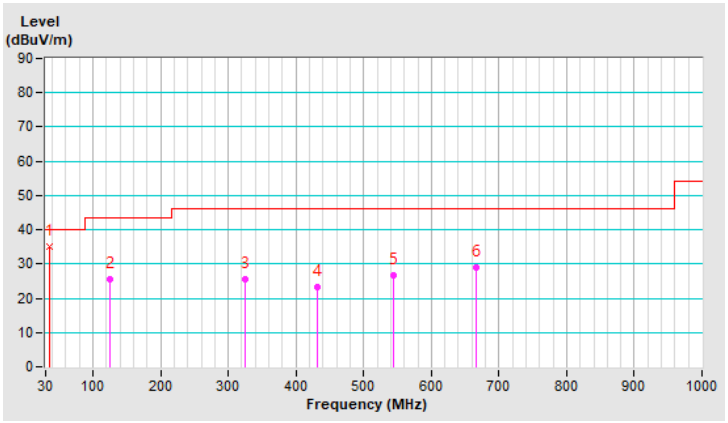


RF Mode	TX 802.11g	Channel	CH 6：2437 MHz
Frequency Range	9kHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**36.31**	**35.2 QP**	**40.0**	**-4.8**	**1.00 V**	**2**	**48.6**	**-13.4**
2	124.95	25.4 QP	43.5	-18.1	1.00 V	117	39.7	-14.3
3	324.95	25.4 QP	46.0	-20.6	1.00 V	243	36.6	-11.2
4	432.10	23.3 QP	46.0	-22.7	1.00 V	305	31.7	-8.4
5	543.87	26.6 QP	46.0	-19.4	2.00 V	200	32.8	-6.2
6	665.90	29.0 QP	46.0	-17.0	1.50 V	302	32.9	-3.9

Remarks:

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



4.1.8 Test Results (Conducted Measurement)

Radiated versus Conducted Measurement	
☒ Conducted measurement	☐ Radiated measurement

For Radiated measurement:

The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation)

For Conducted measurement:

The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).

Conducted Measurement Factor
a. The composite gain will be used when signal support the correlated signal.
b. For the out of band spurious the gain for the specific band may have been used rather than the highest gain across all bands.
c. For the band edge the gain for the specific band may have been used.
d. In restricted bands below 1000 MHz, add upper bound on ground plane reflection: For f = 30 – 1000 MHz, add 4.7 dB.
Note: The conducted emission test was considered some factor to compute test result.

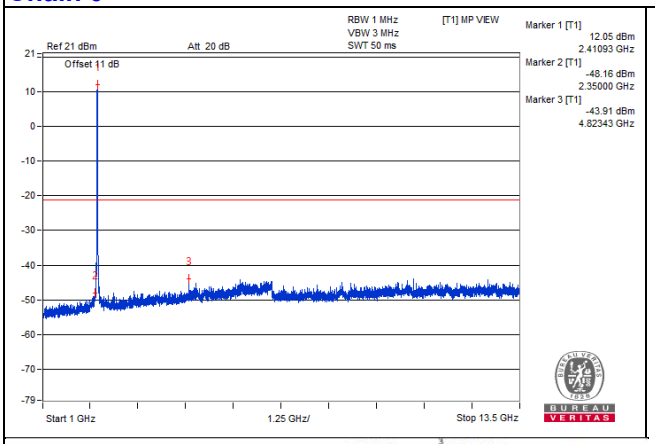
802.11b - Channel 1

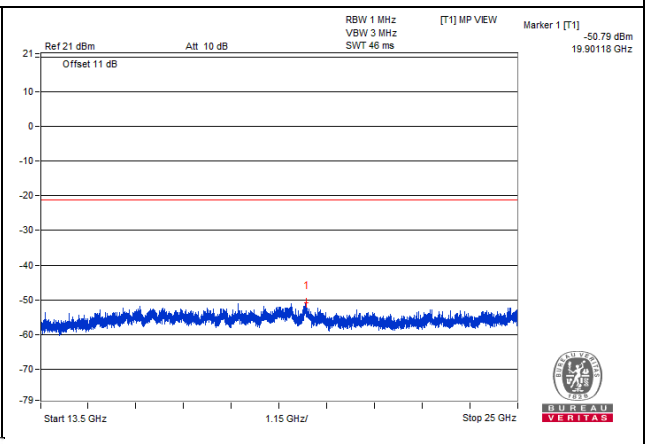
Conducted spurious emission table

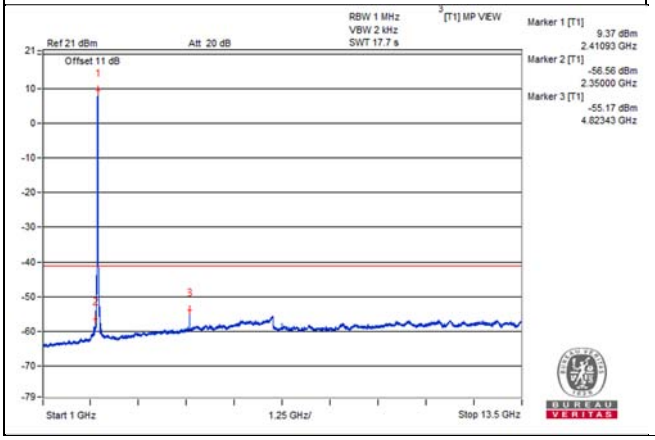
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4823.43 PK	61.44	74	-12.56	-43.91	-46.45	8.17	-33.82
2	4823.43 AV	50.88	54	-3.12	-55.17	-55.98	8.17	-44.38
3	7304.68 PK	59.39	74	-14.61	-45.92	-48.58	8.17	-35.87
4	7304.5 AV	48.17	54	-5.83	-57.7	-58.92	8.17	-47.09

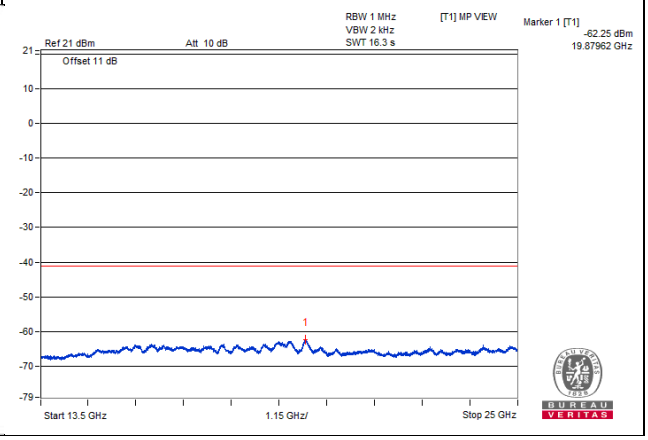
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.
2. # : Non-restricted frequency, the limit was restricted at the conducted out of band emission.

Chain 0

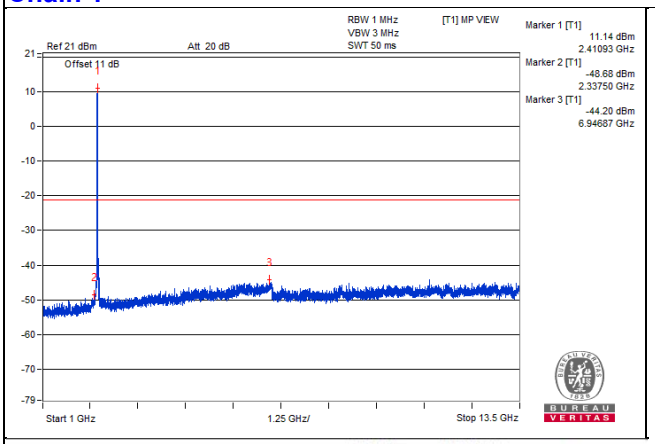


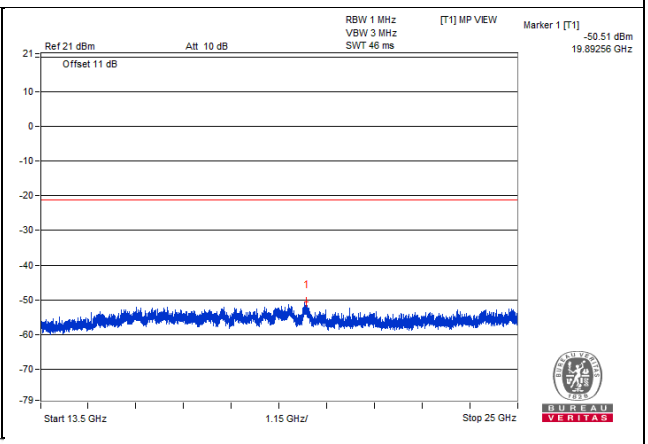


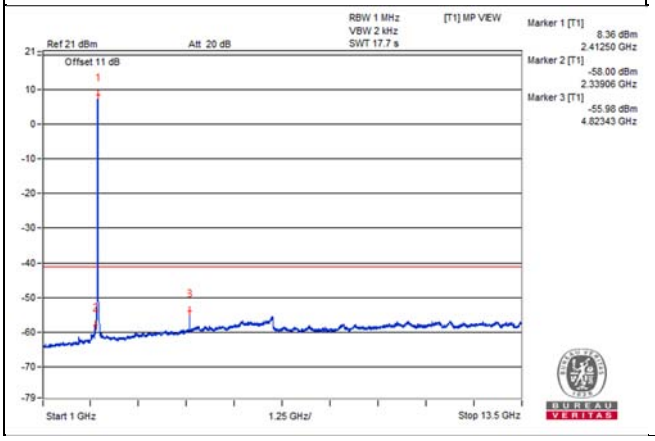


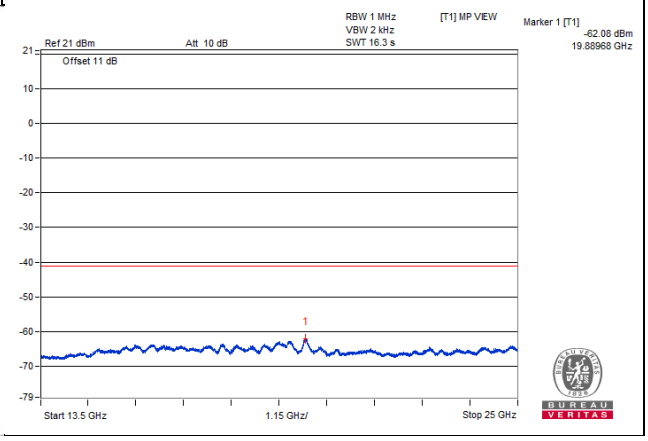


Chain 1







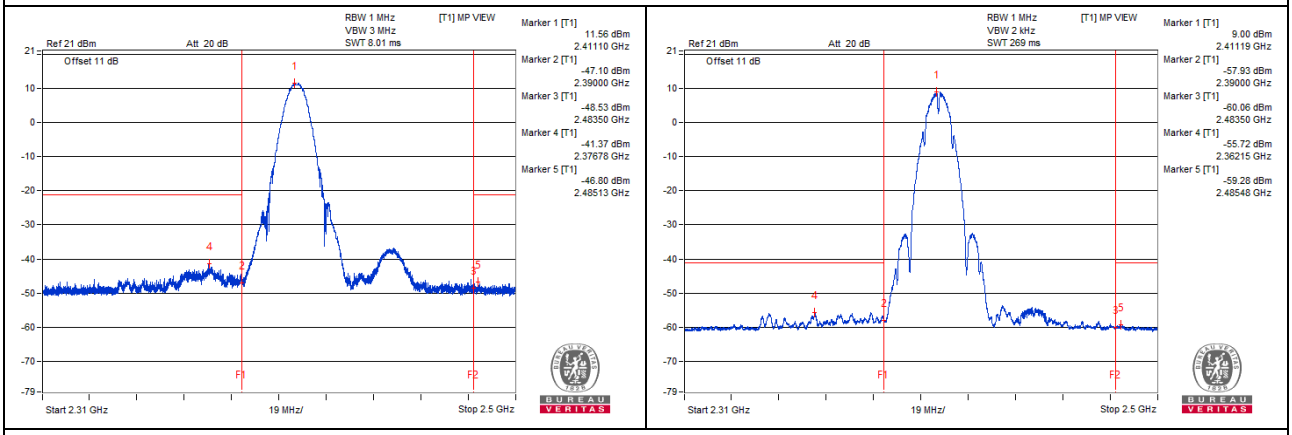


Bandedge table

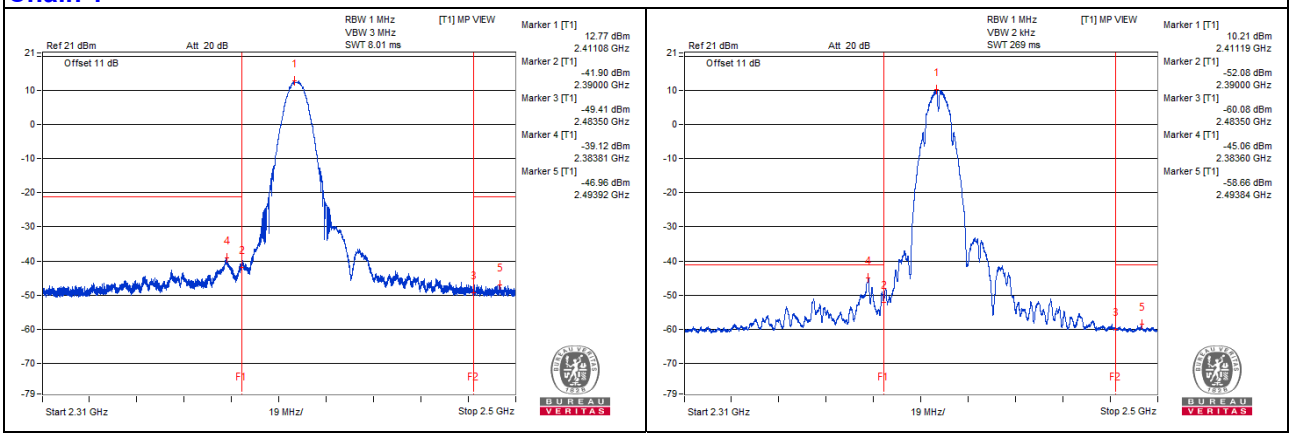
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2383.81 PK	63.23	74	-10.77	-47.83	-39.12	6.54	-32.03
2	2383.6 AV	56.94	54	*2.94	-58.35	-45.06	6.54	-38.32
3	2485.13 PK	57.11	74	-16.89	-46.8	-48.83	6.54	-38.15
4	2485.27 AV	45.36	54	-8.64	-59.52	-59.39	6.54	-49.9

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11b - Channel 6

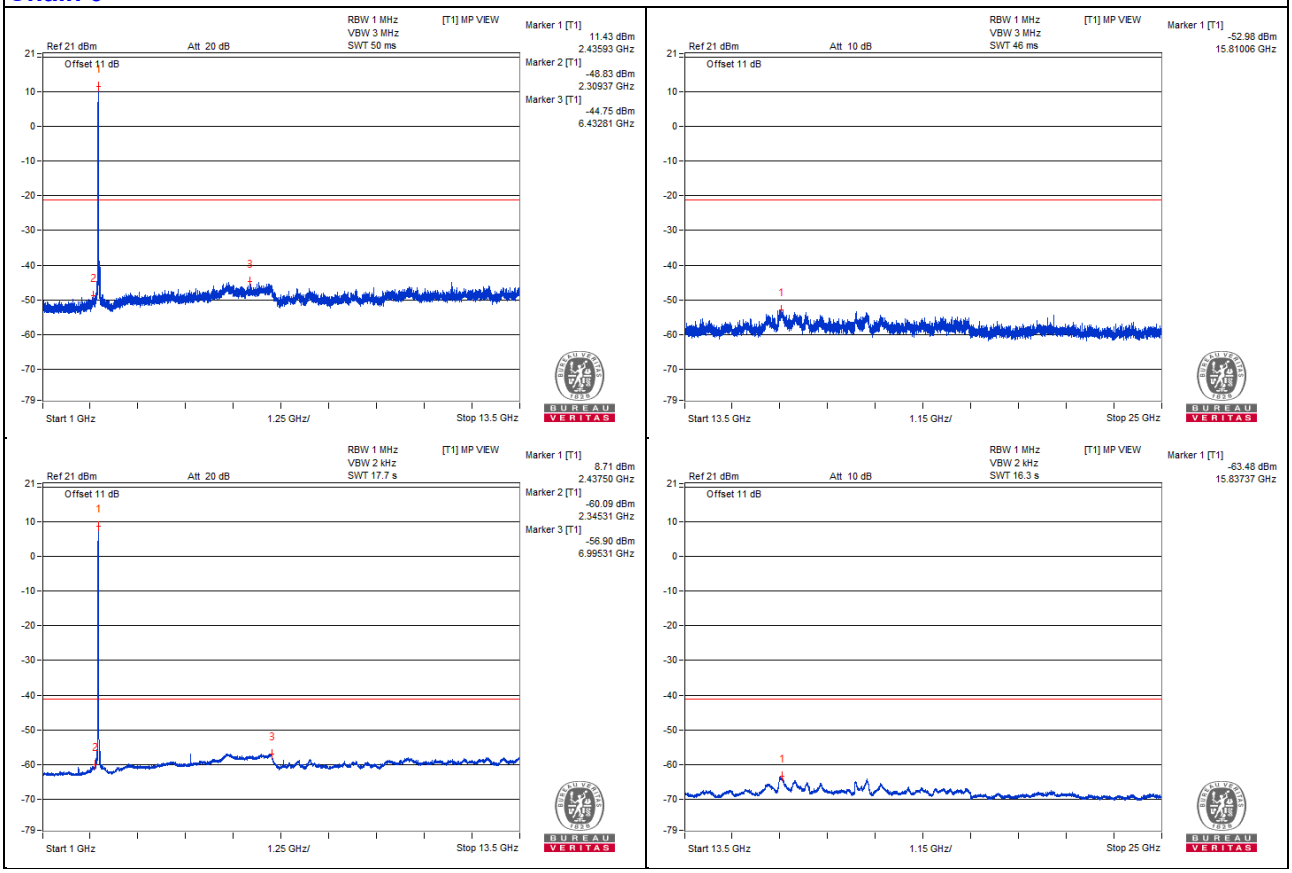
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4817.18 PK	58.45	74	-15.55	-48.04	-47.95	8.17	-36.81
2	4873.43 AV	49.35	54	-4.65	-57	-57.18	8.17	-45.91
3	7468.75 PK	58.13	74	-15.87	-48.95	-47.75	8.17	-37.13
4	7312.5 AV	47.56	54	-6.44	-58.67	-59.11	8.17	-47.7

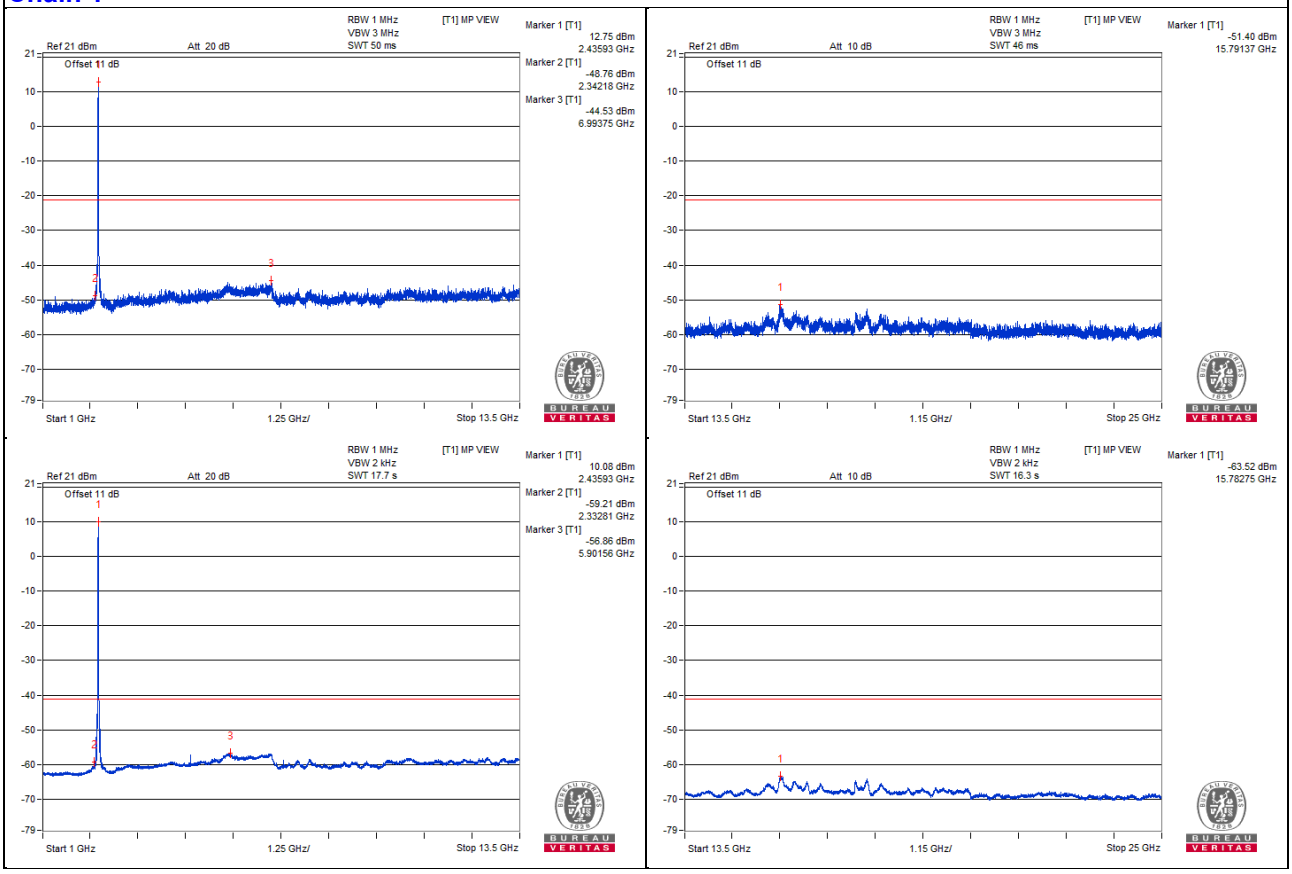
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1

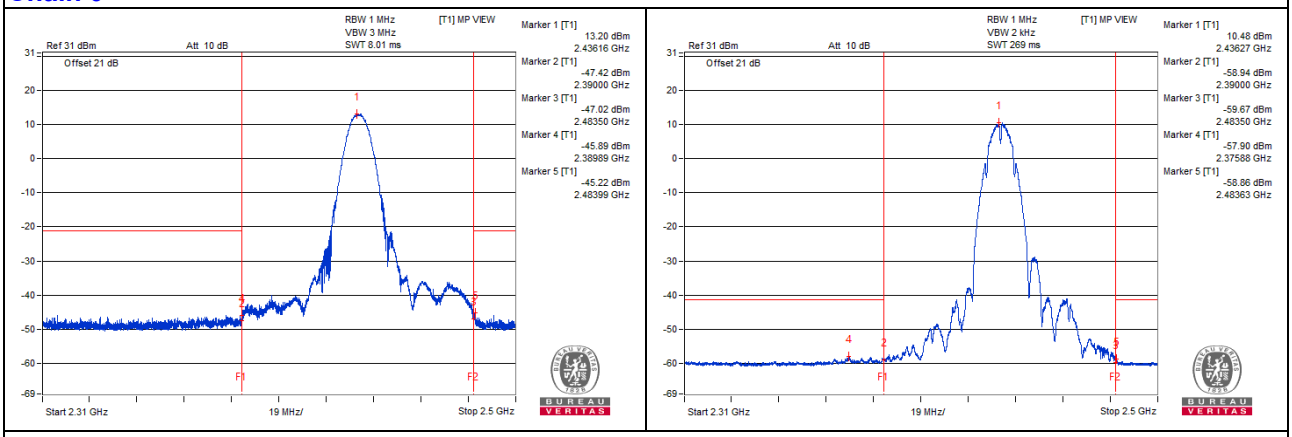


Bandedge table

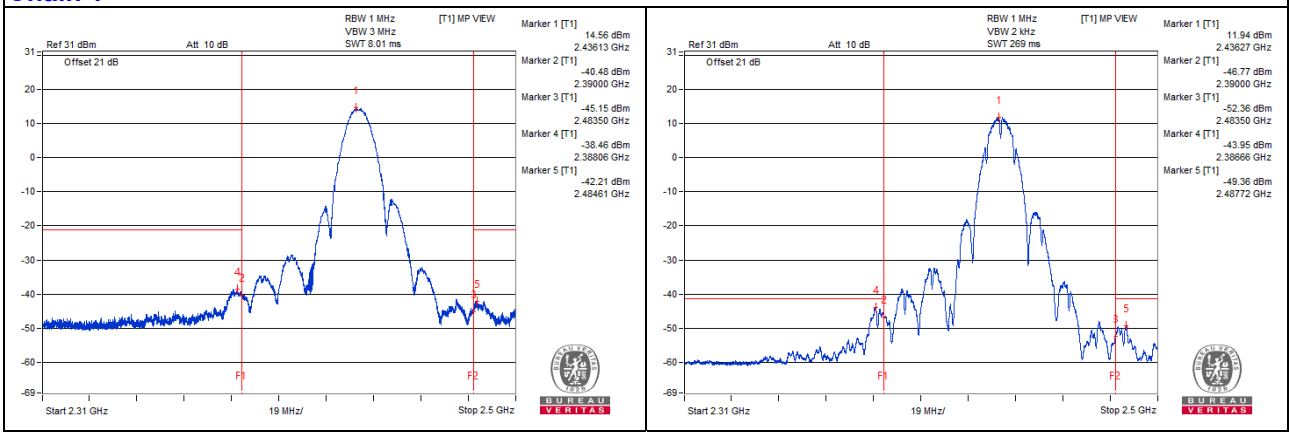
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2386.38 PK	63.78	74	-10.22	-47.31	-38.56	6.54	-31.48
2	2386.66 AV	57.97	54	*3.97	-59.32	-43.95	6.54	-37.29
3	2484.61 PK	60.8	74	-13.2	-47.13	-42.21	6.54	-34.46
4	2487.72 AV	52.77	54	-1.23	-60.44	-49.36	6.54	-42.49

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11b - Channel 11

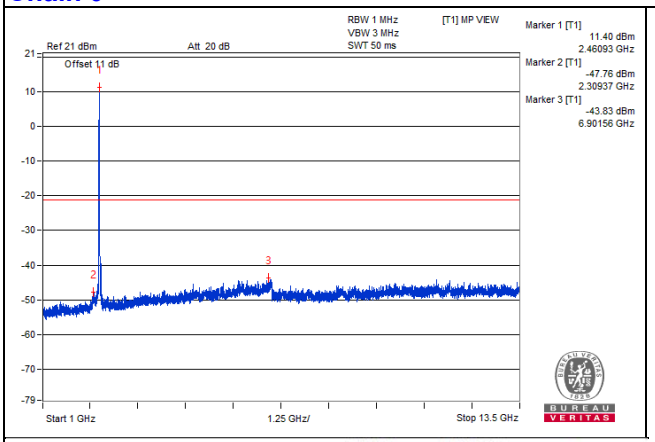
Conducted spurious emission table

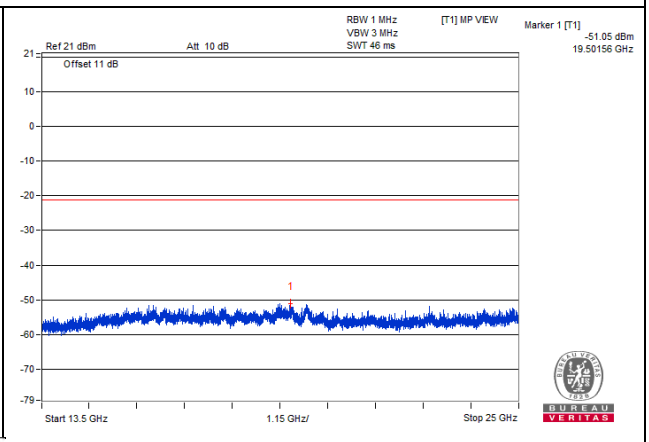
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4923.43 PK	61.72	74	-12.28	-45.44	-44.1	8.17	-33.54
2	4923.43 AV	51.21	54	-2.79	-55.25	-55.22	8.17	-44.05
3	7303.12 PK	59.18	74	-14.82	-47.49	-47.04	8.17	-36.08
4	7334.37 AV	47.78	54	-6.22	-58.72	-58.6	8.17	-47.48

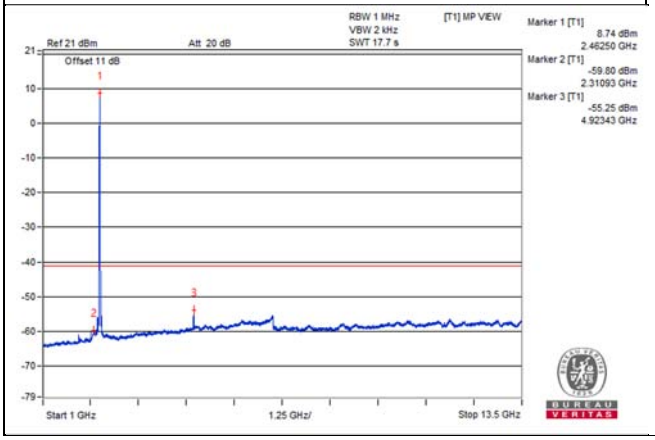
Note :

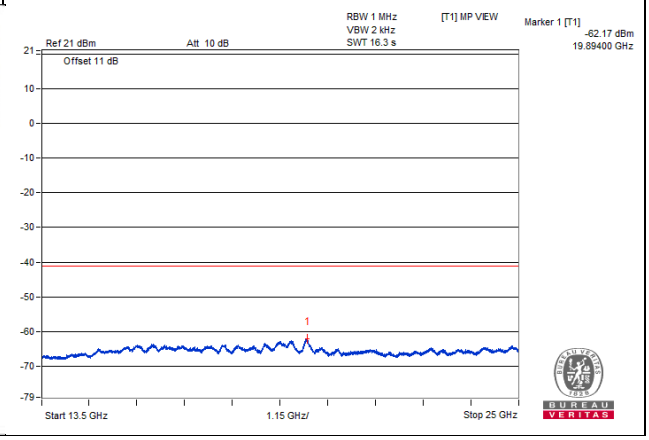
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

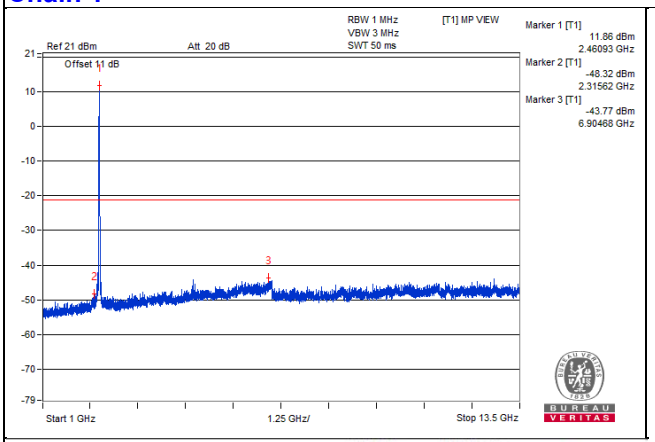


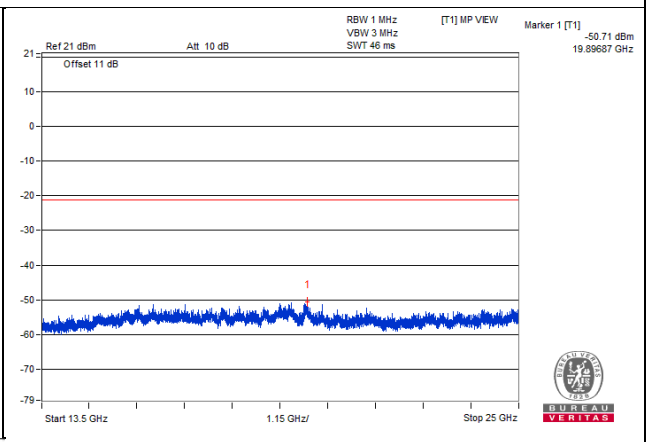


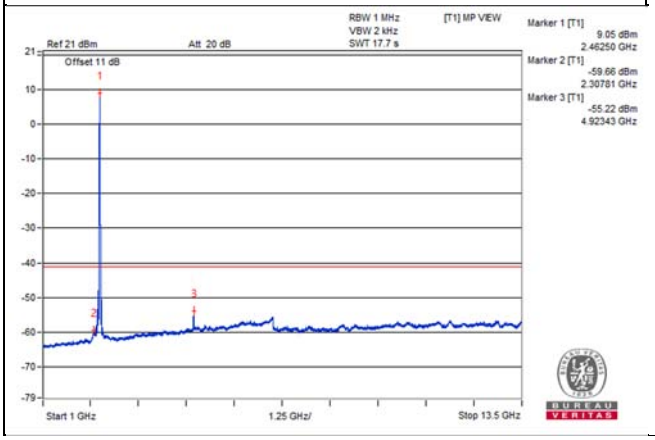


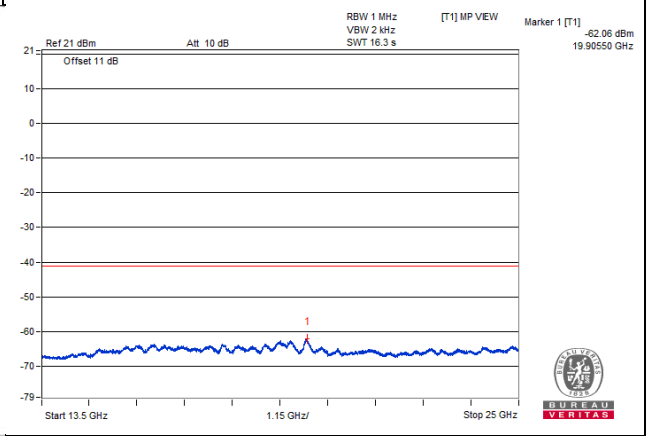


Chain 1







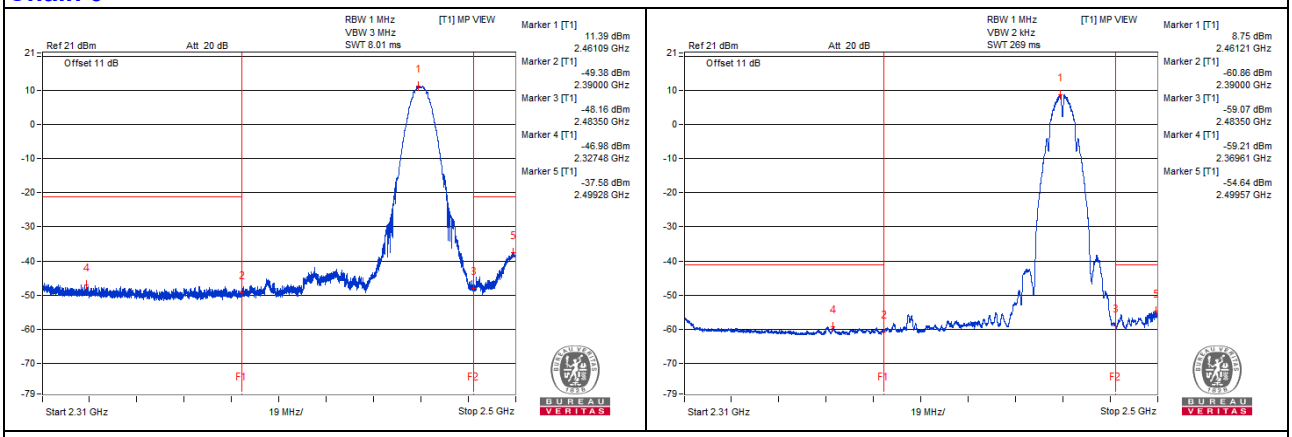


Bandedge table

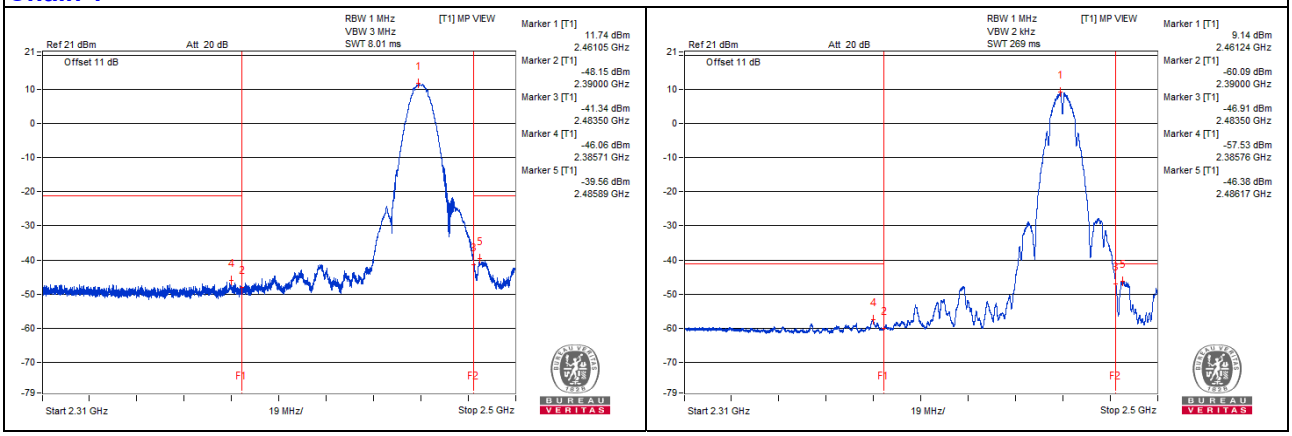
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2310.26 PK	57.39	74	-16.61	-46.58	-48.47	6.54	-37.87
2	2310.07 AV	46.73	54	-7.27	-56.71	-60.09	6.54	-48.53
3	2499.57 PK	65.4	74	-8.6	-37.59	-42.59	6.54	-29.86
4	2485.7 AV	55.87	54	*1.87	-55.86	-46.39	6.54	-39.39

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11b - Channel 12

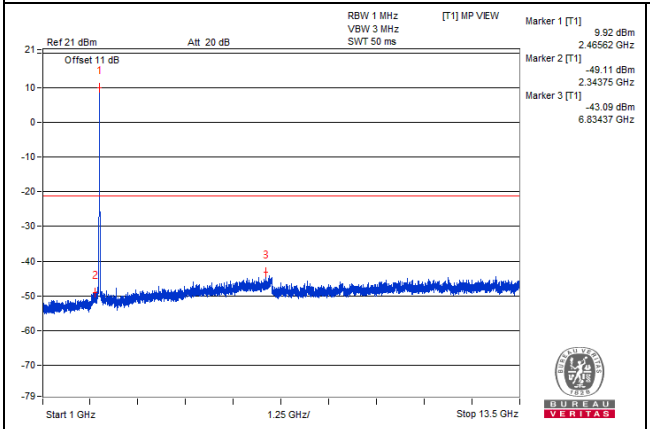
Conducted spurious emission table

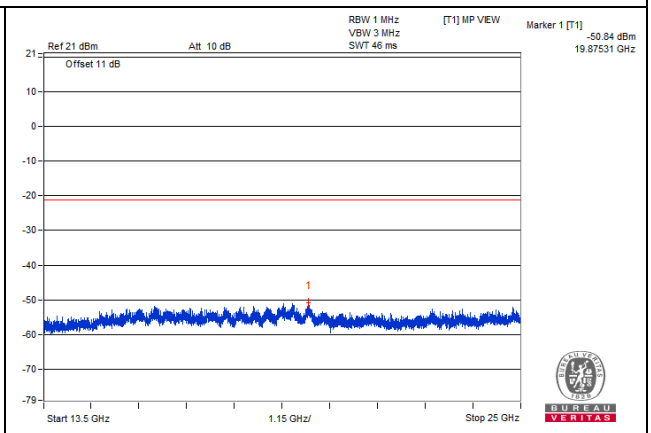
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4934.37 PK	59.62	74	-14.38	-45.99	-47.86	8.17	-35.64
2	4934.37 AV	52.38	54	-1.62	-52.5	-56.51	8.17	-42.88
3	7370.31 PK	59.62	74	-14.38	-46.89	-46.76	8.17	-35.64
4	7304.68 AV	47.82	54	-6.18	-58.7	-58.55	8.17	-47.44

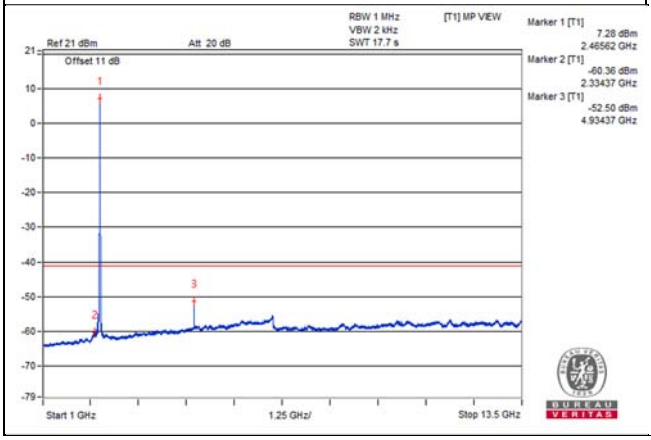
Note :

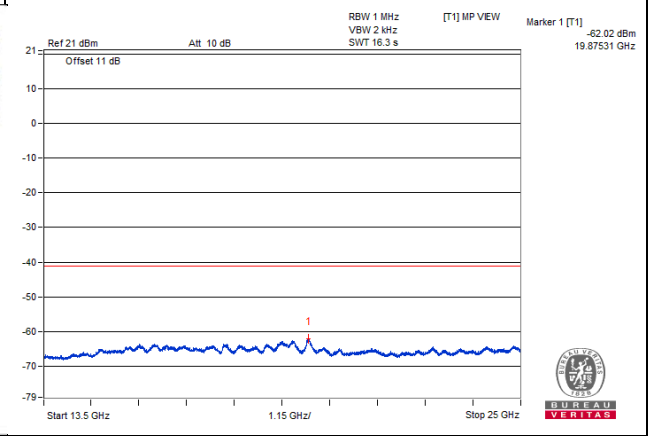
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

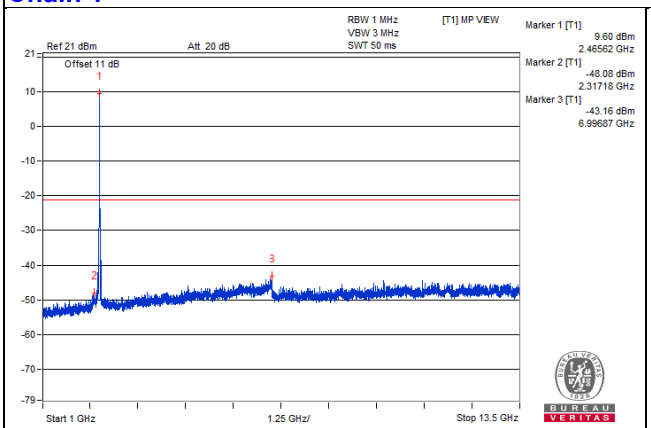


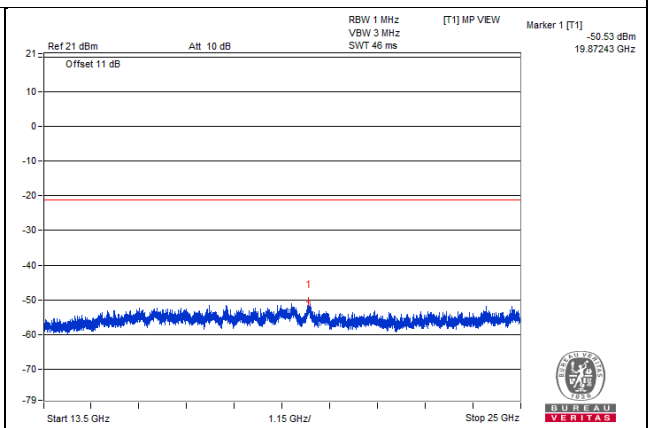


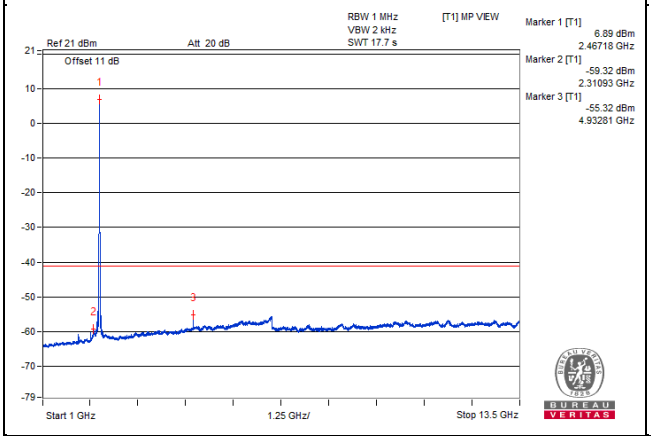


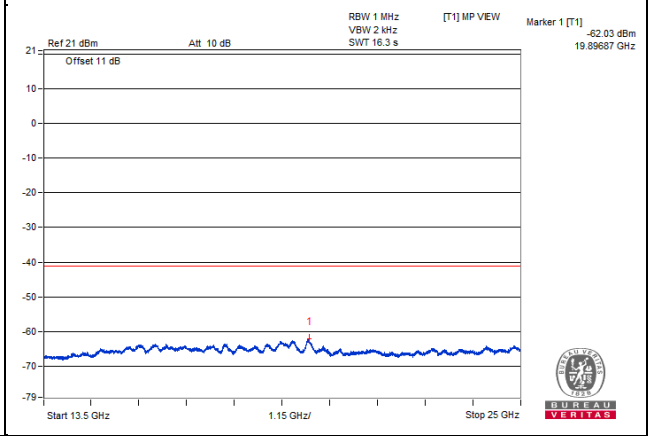


Chain 1







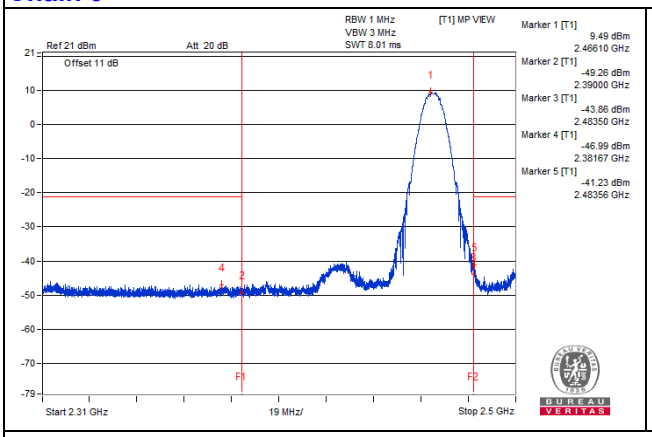


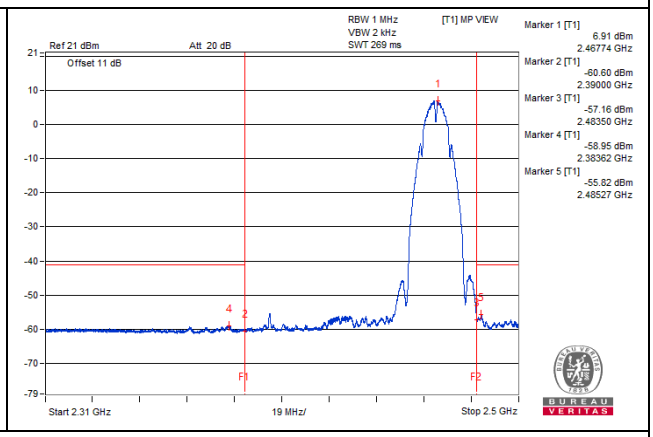
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2315.08 PK	57.92	74	-16.08	-46.75	-47.03	6.54	-37.34
2	2383.26 AV	45.66	54	-8.34	-59.44	-58.87	6.54	-49.6
3	2483.56 PK	65.42	74	-8.58	-41.23	-38.1	6.54	-29.84
4	2484.23 AV	57.67	54	*3.67	-56.56	-44.39	6.54	-37.59

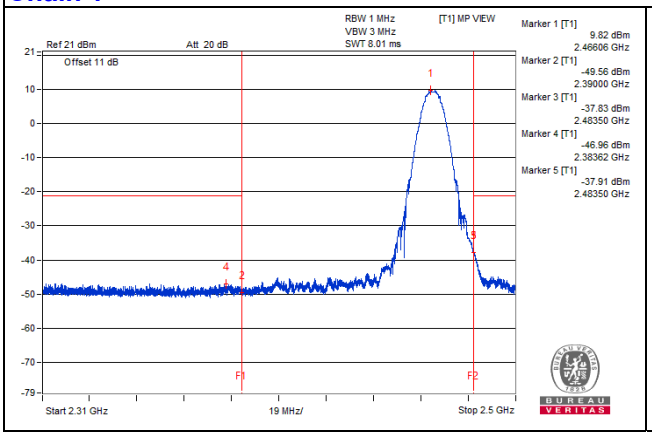
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

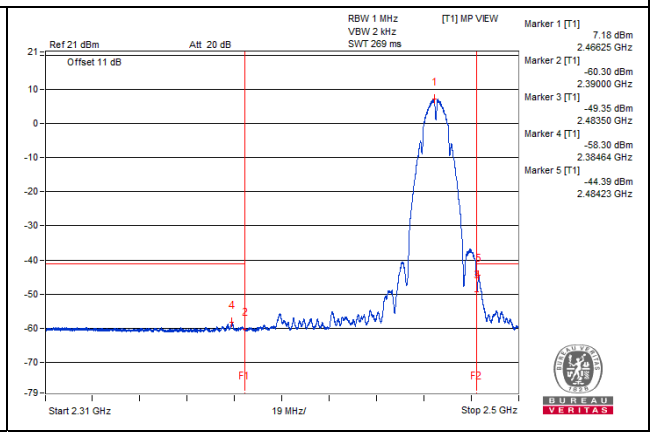
Chain 0





Chain 1





802.11b - Channel 13

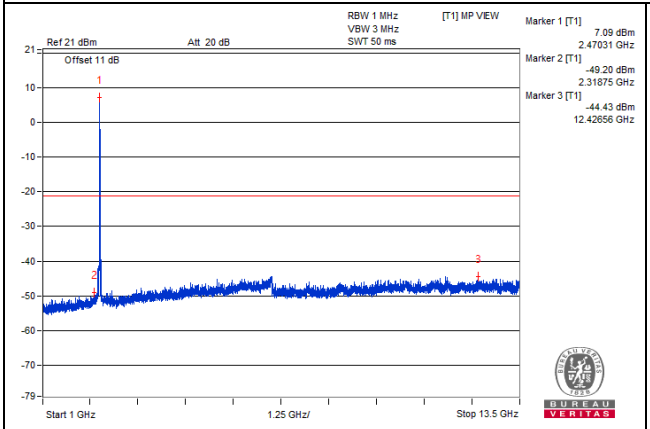
Conducted spurious emission table

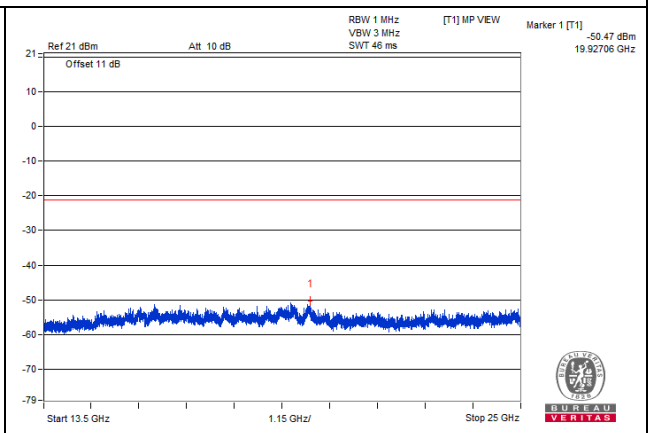
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4982.81 PK	58.94	74	-15.06	-48.27	-46.84	8.17	-36.32
2	4943.75 AV	49.3	54	-4.7	-57.95	-56.45	8.17	-45.96
3	7310.93 PK	58.79	74	-15.21	-46.99	-48.42	8.17	-36.47
4	7296.87 AV	47.91	54	-6.09	-58.47	-58.6	8.17	-47.35

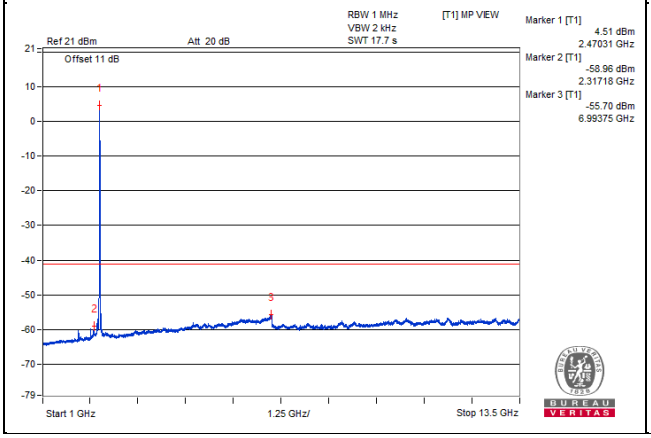
Note :

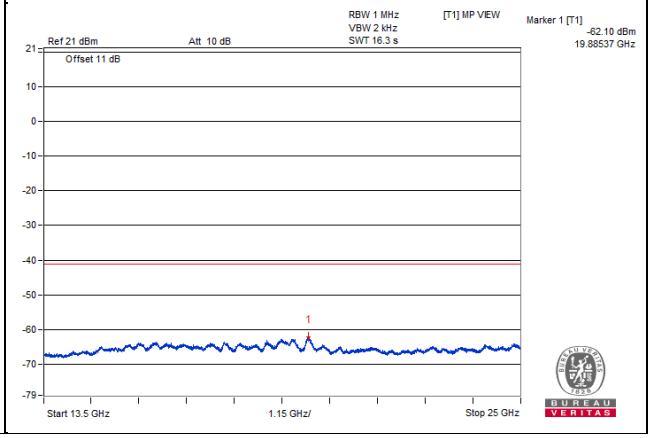
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

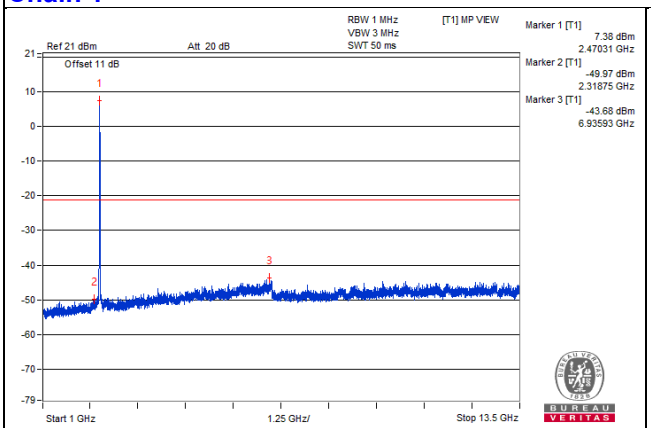


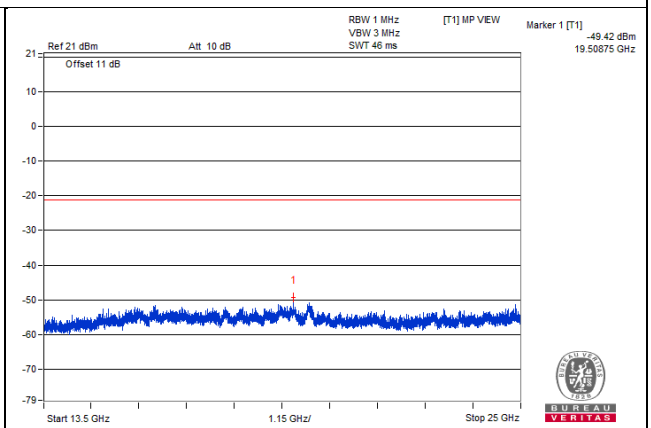


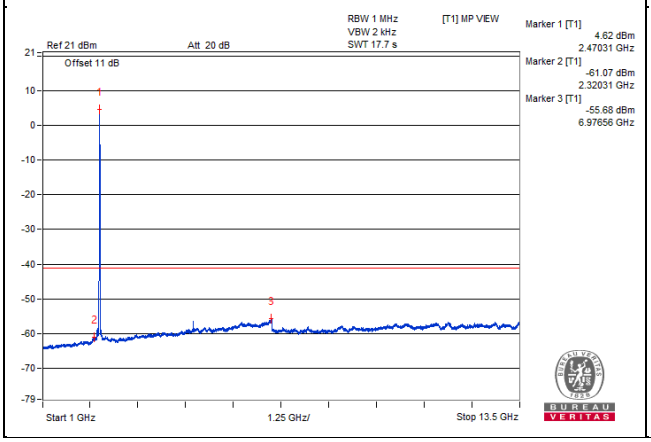


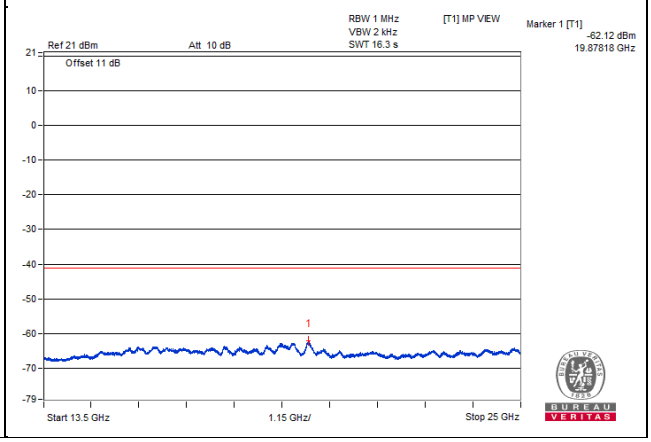


Chain 1







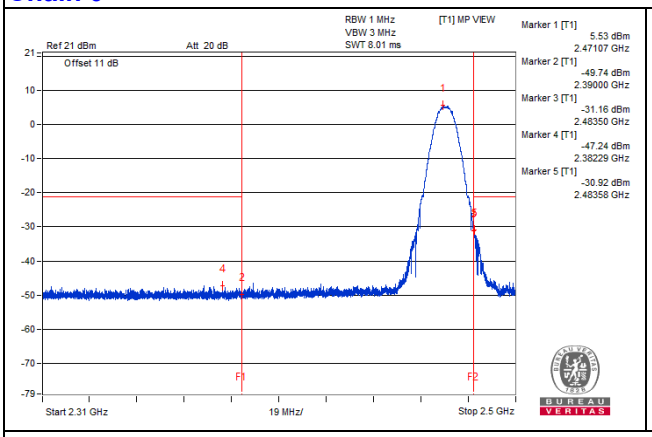


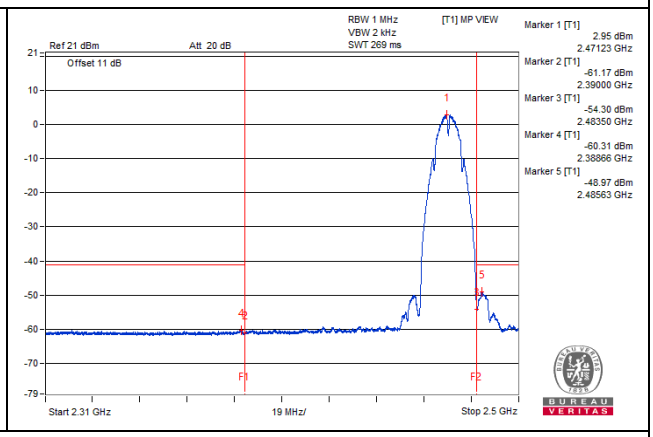
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2313.18 PK	57.07	74	-16.93	-47.6	-47.89	6.54	-38.19
2	2319.42 AV	45.04	54	-8.96	-60.99	-58.82	6.54	-50.22
3	2483.58 PK	73.37	74	-0.63	-30.92	-32.03	6.54	-21.89
4	2485.72 AV	56.1	54	*2.1	-49.04	-48.41	6.54	-39.16

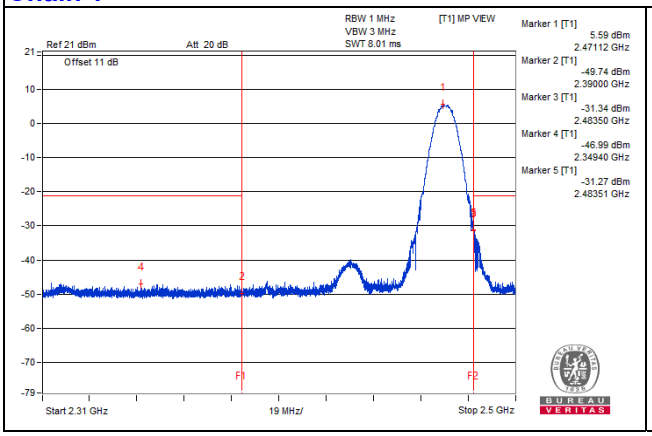
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

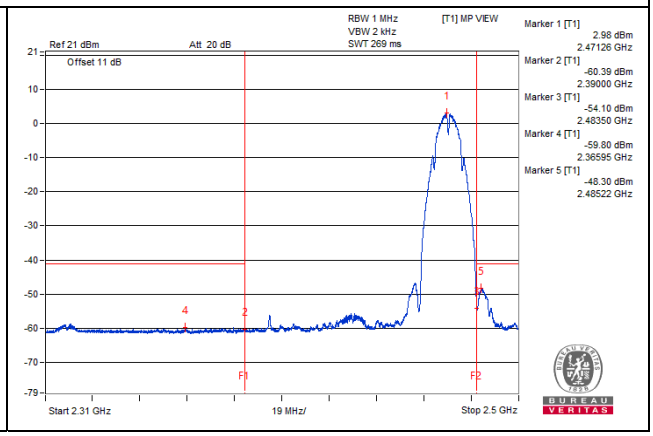
Chain 0





Chain 1





802.11g - Channel 1

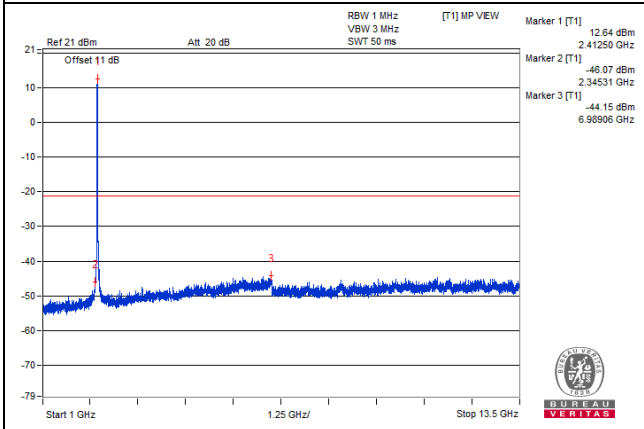
Conducted spurious emission table

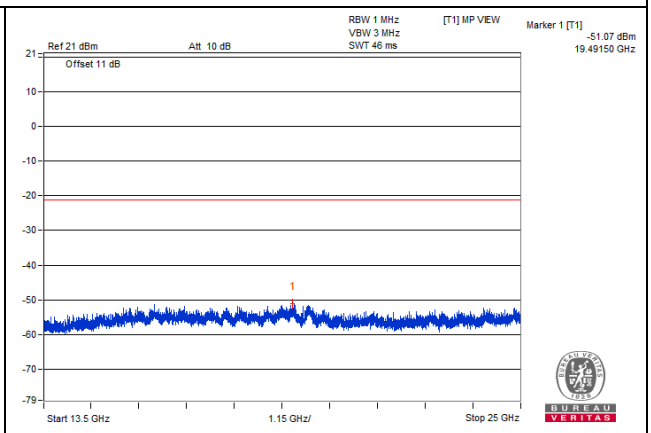
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4967.18 PK	59.25	74	-14.75	-46.73	-47.71	8.17	-36.01
2	4826.56 AV	47.59	54	-6.41	-58.36	-59.4	8.17	-47.67
3	7295.25 PK	58.94	74	-15.06	-47.01	-48.06	8.17	-36.32
4	7295.31 AV	47.51	54	-6.49	-59.15	-58.72	8.17	-47.75

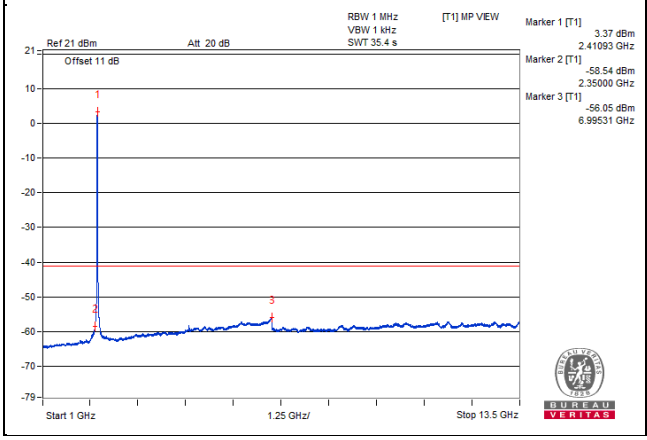
Note :

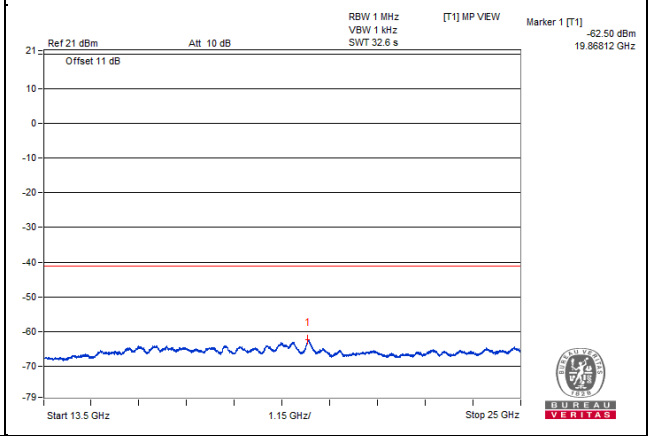
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

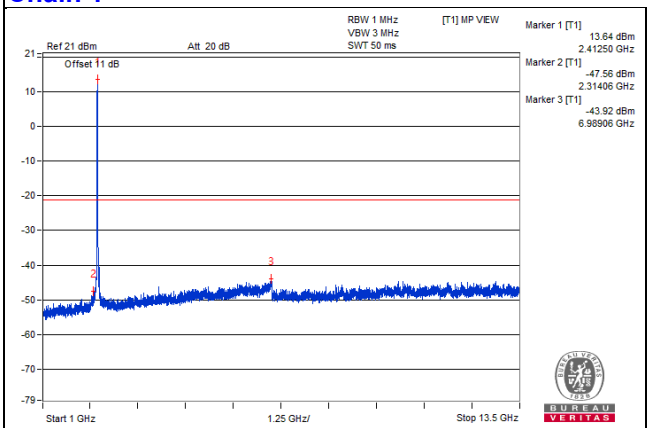


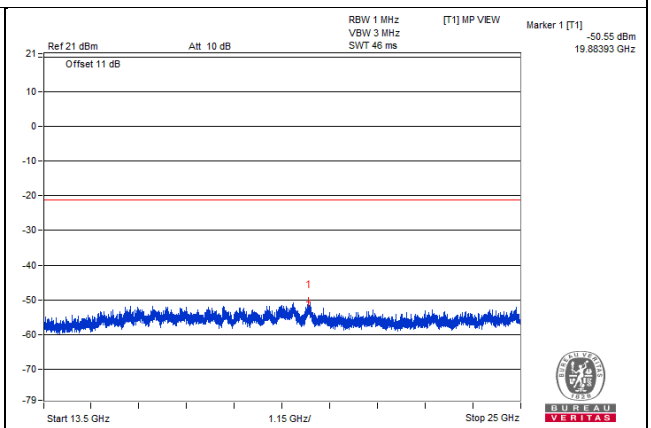


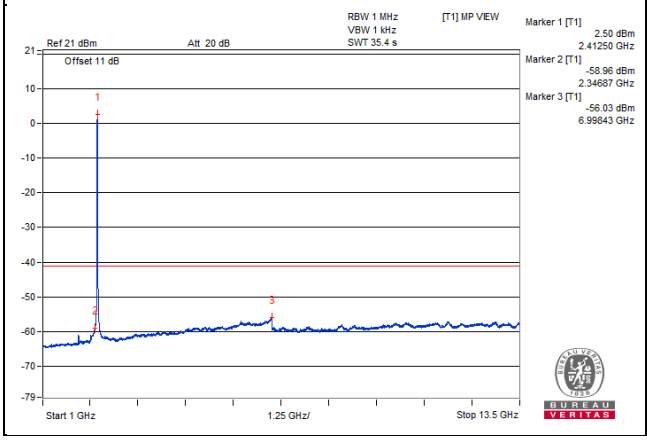


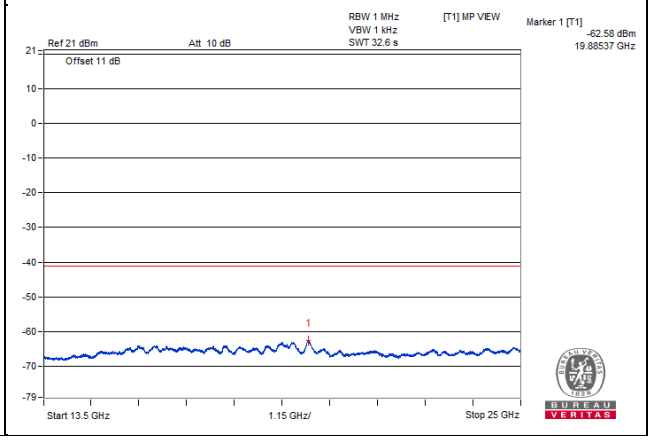


Chain 1







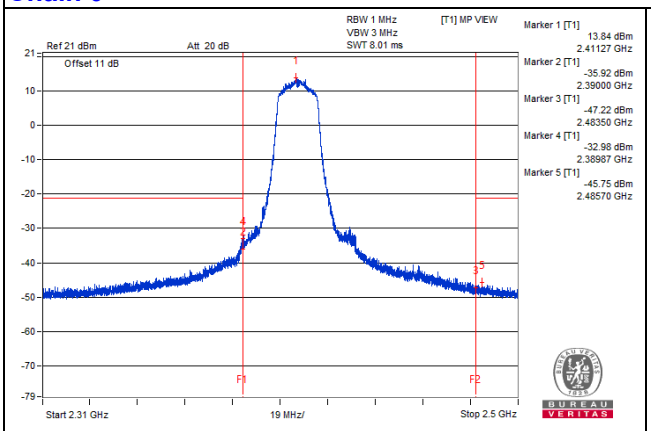


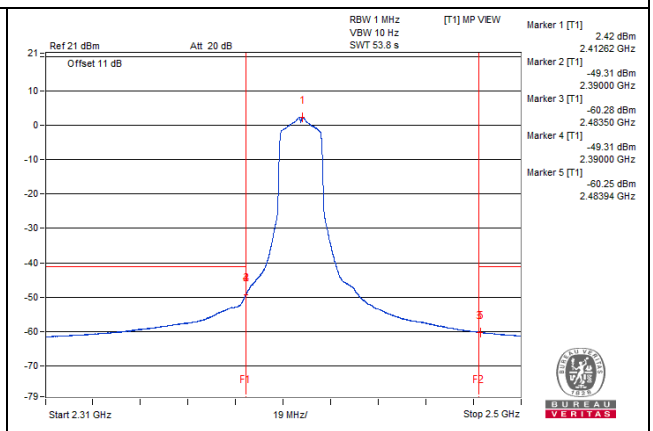
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.51 PK	70.13	74	-3.87	-33.06	-37.29	6.54	-25.13
2	2389.99 AV	54.32	54	*0.32	-49.31	-52.11	6.54	-40.94
3	2485.7 PK	57.9	74	-16.1	-45.75	-48.51	6.54	-37.36
4	2483.92 AV	44.35	54	-9.65	-60.26	-60.66	6.54	-50.91

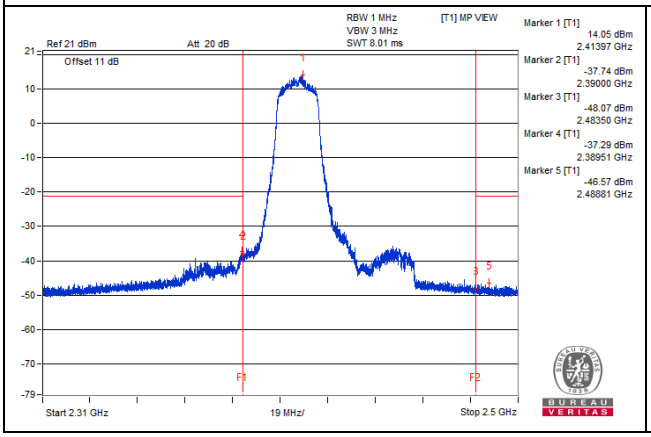
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

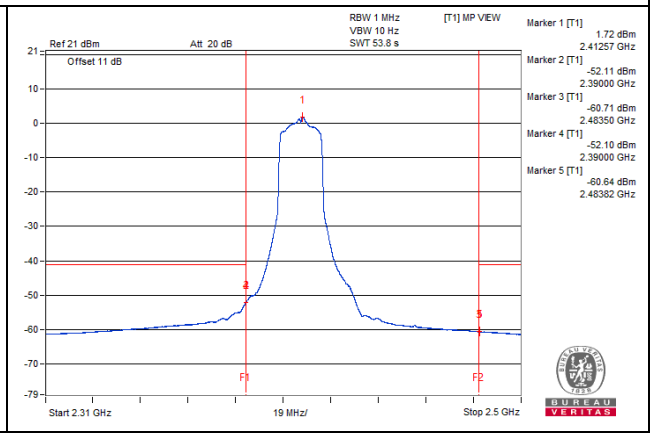
Chain 0





Chain 1





802.11g - Channel 2

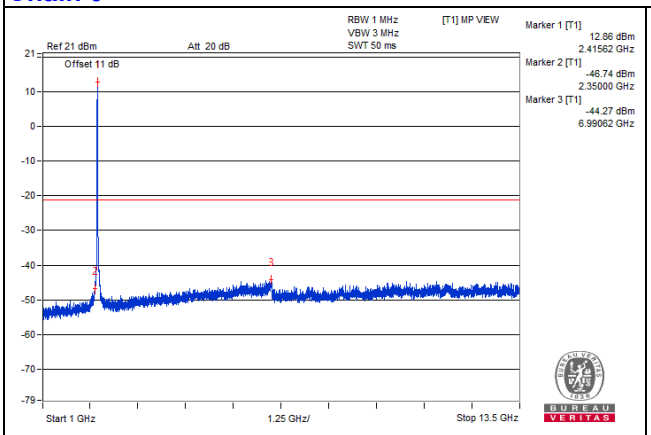
Conducted spurious emission table

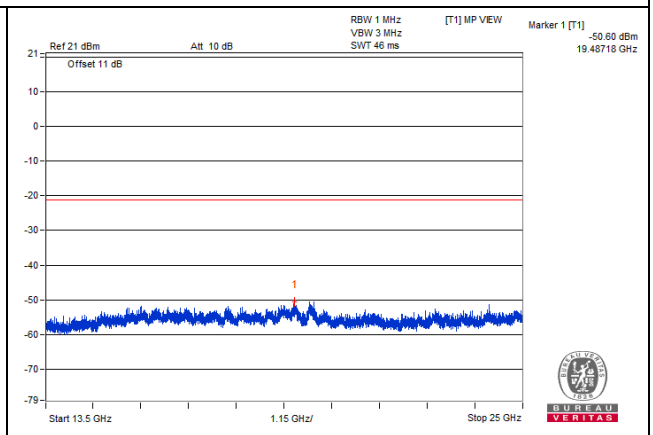
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4998.43 PK	59.23	74	-14.77	-47.97	-46.56	8.17	-36.03
2	4835.93 AV	47.6	54	-6.4	-58.47	-59.24	8.17	-47.66
3	7279.68 PK	59.05	74	-14.95	-48.82	-46.32	8.17	-36.21
4	7303.12 AV	47.51	54	-6.49	-58.92	-58.94	8.17	-47.75

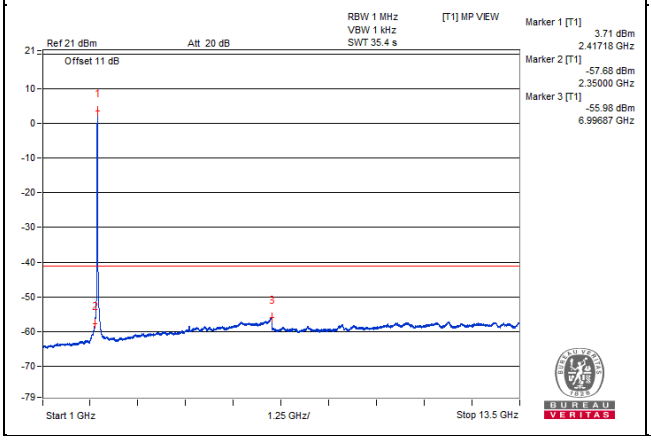
Note :

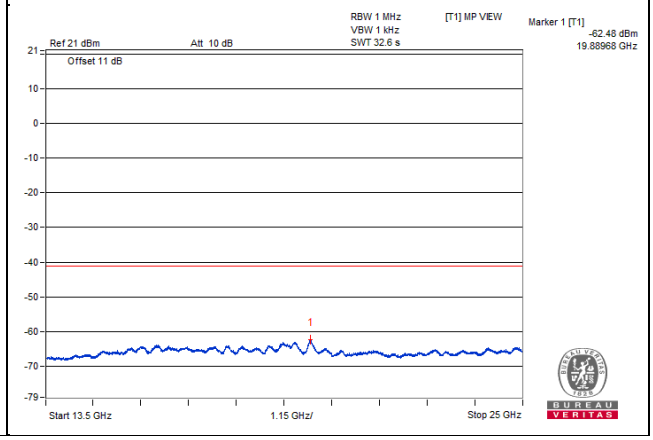
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

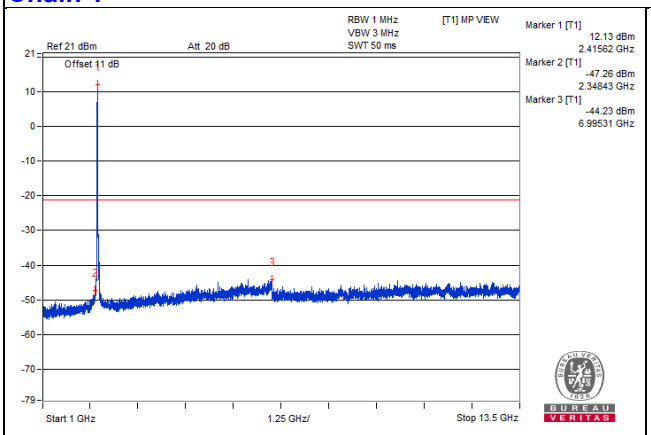


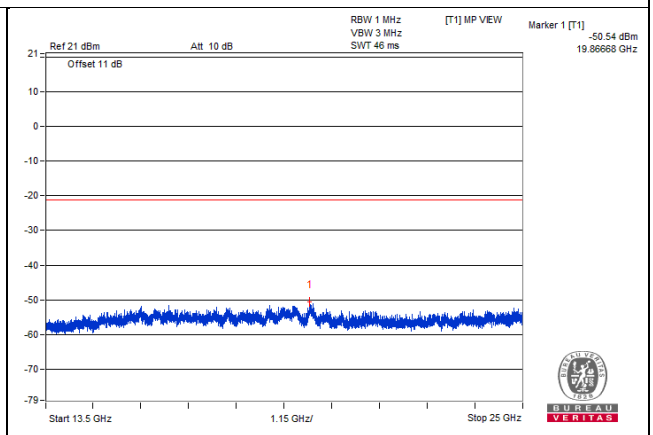


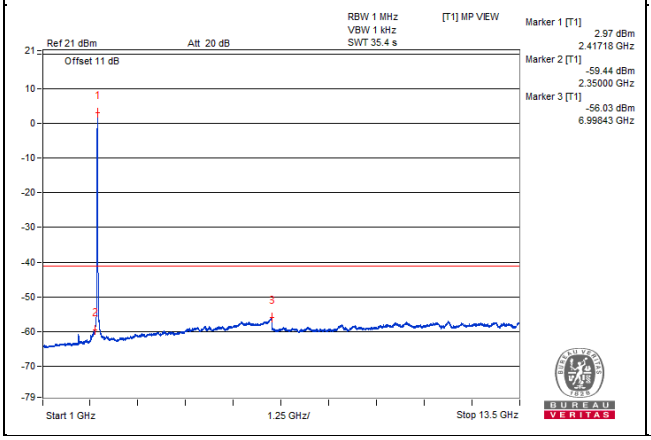


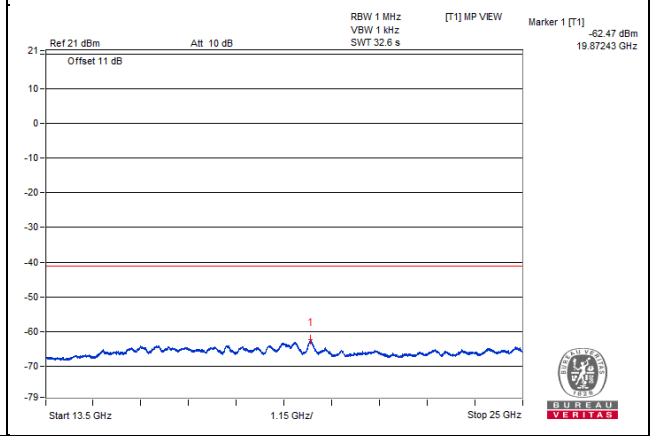


Chain 1







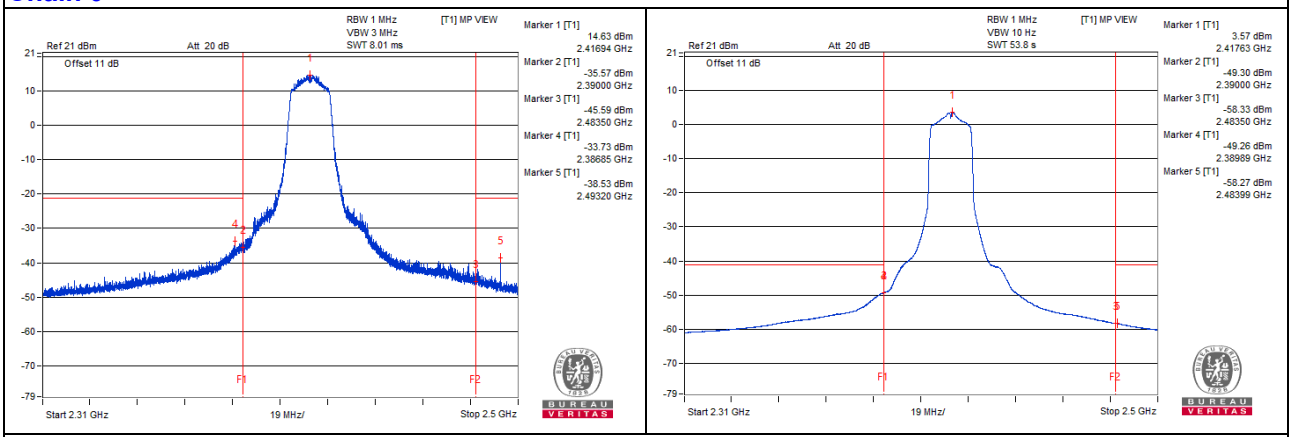


Bandedge table

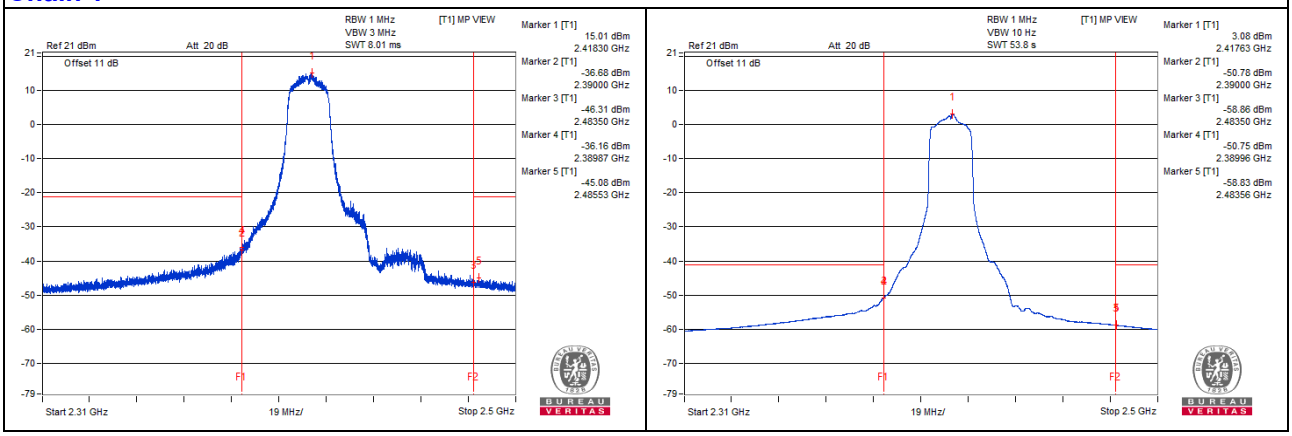
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.63 PK	69.32	74	-4.68	-34.48	-36.82	6.54	-25.94
2	2389.94 AV	54.86	54	*0.86	-49.27	-50.75	6.54	-40.4
3	2493.2 PK	63.77	74	-10.23	-38.53	-47.66	6.54	-31.49
4	2483.96 AV	46.25	54	-7.75	-58.29	-58.85	6.54	-49.01

Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11g - Channel 6

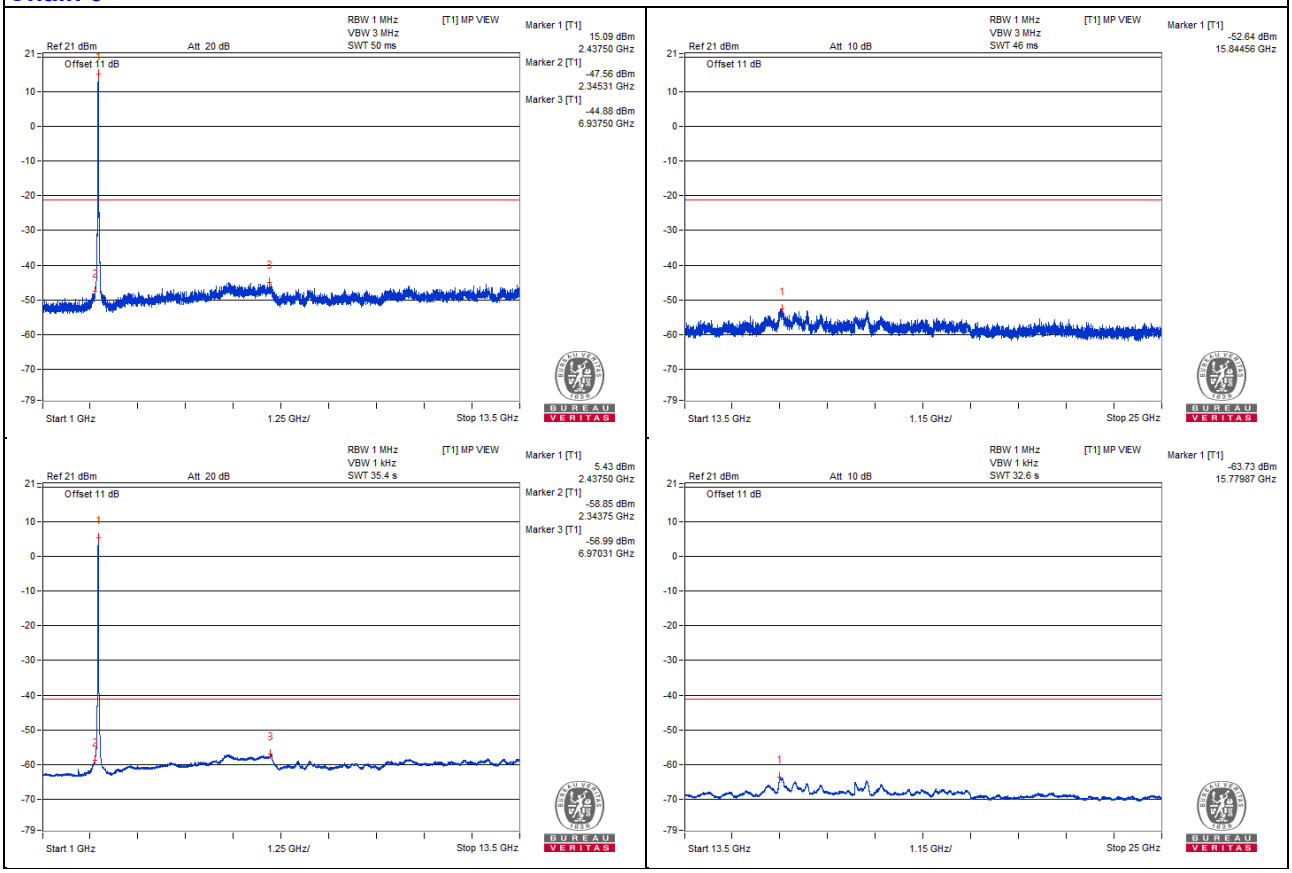
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4900 PK	58.77	74	-15.23	-48.05	-47.33	8.17	-36.49
2	4987.5 AV	46.7	54	-7.3	-59.4	-60.1	8.17	-48.56
3	7301.56 PK	58.17	74	-15.83	-48.45	-48.1	8.17	-37.09
4	7312.5 AV	47.07	54	-6.93	-60.6	-58.42	8.17	-48.19

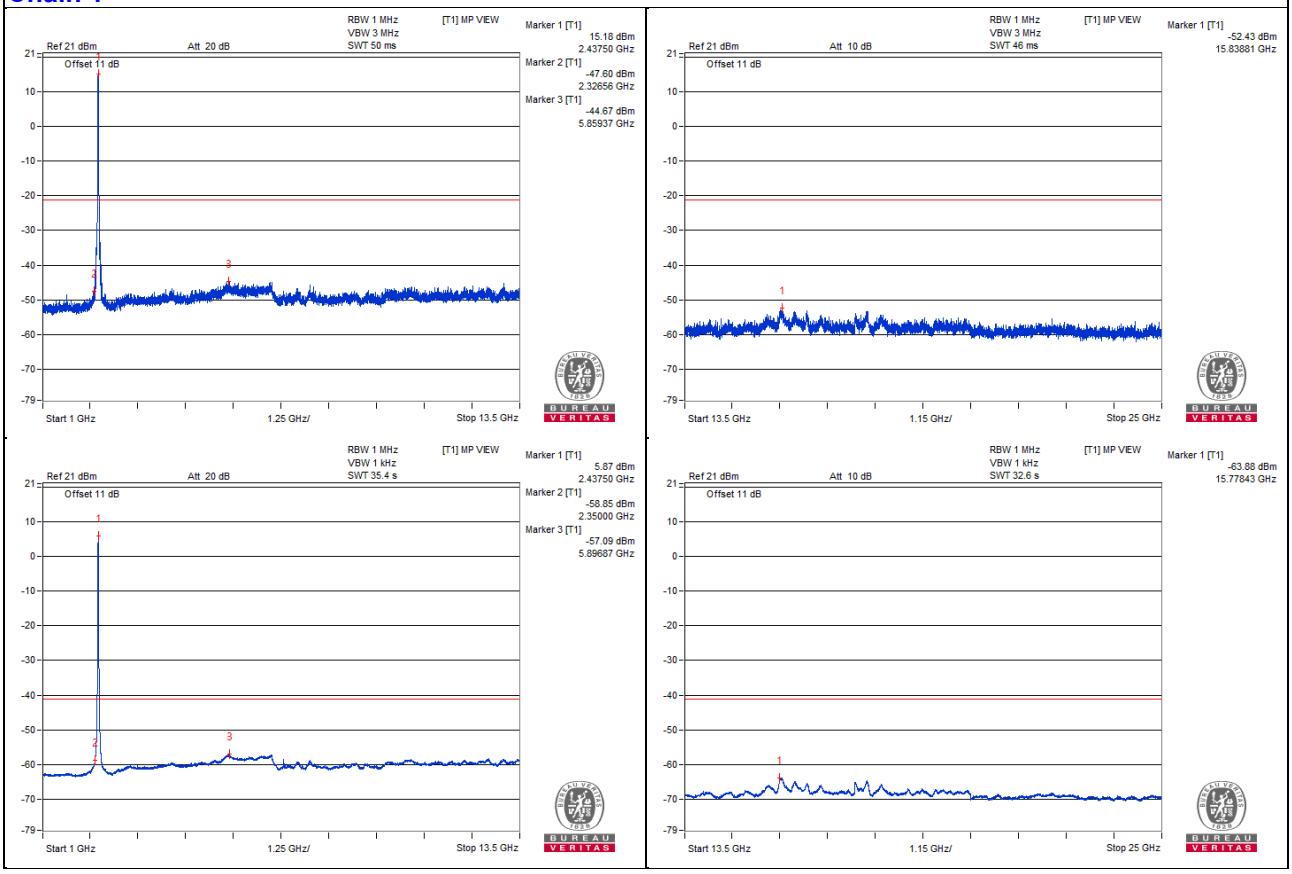
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1



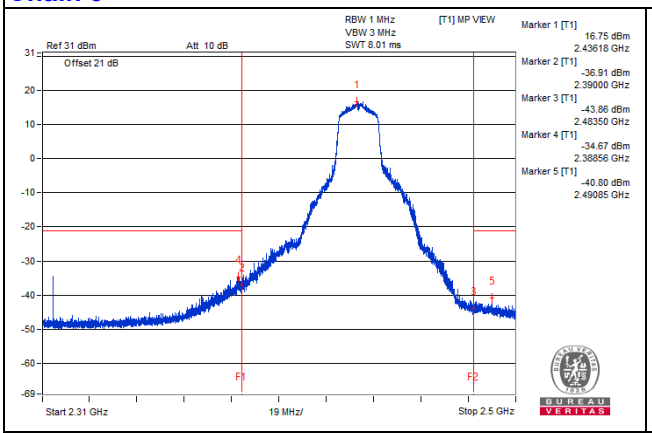
Bandedge table

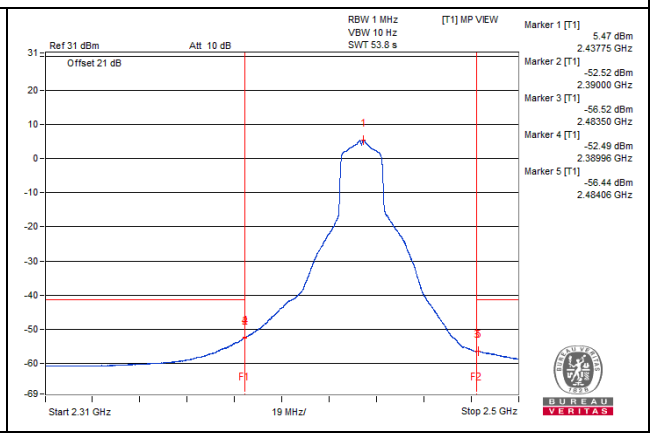
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2313.99 PK	67.64	74	-6.36	-34.44	-46.27	6.54	-27.62
2	2389.96 AV	50.52	54	-3.48	-52.49	-57.41	6.54	-44.74
3	2483.77 PK	65.64	74	-8.36	-43.78	-36.99	6.54	-29.62
4	2483.63 AV	50.11	54	-3.89	-56.51	-53.42	6.54	-45.15

Note :

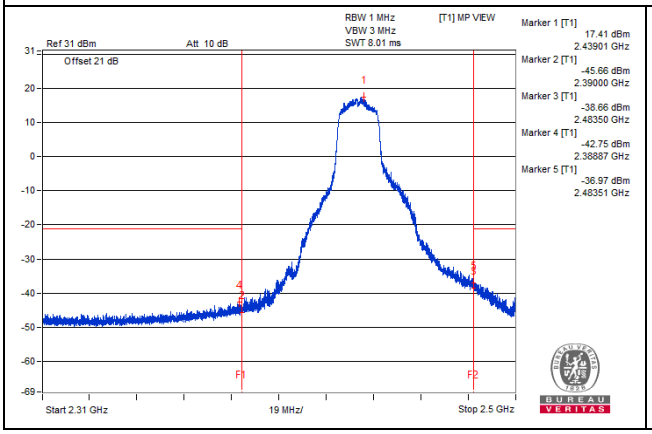
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

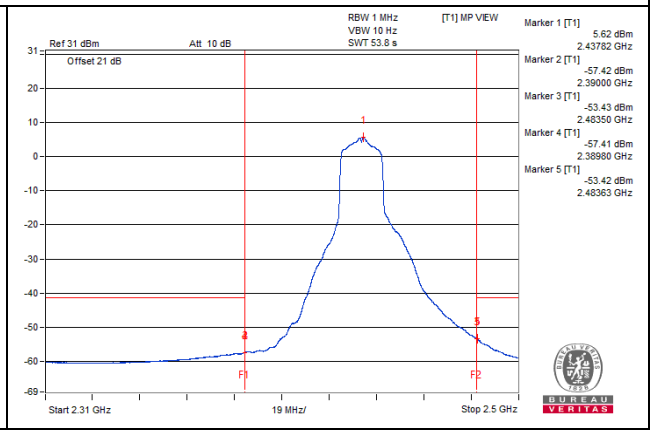
Chain 0





Chain 1





802.11g - Channel 10

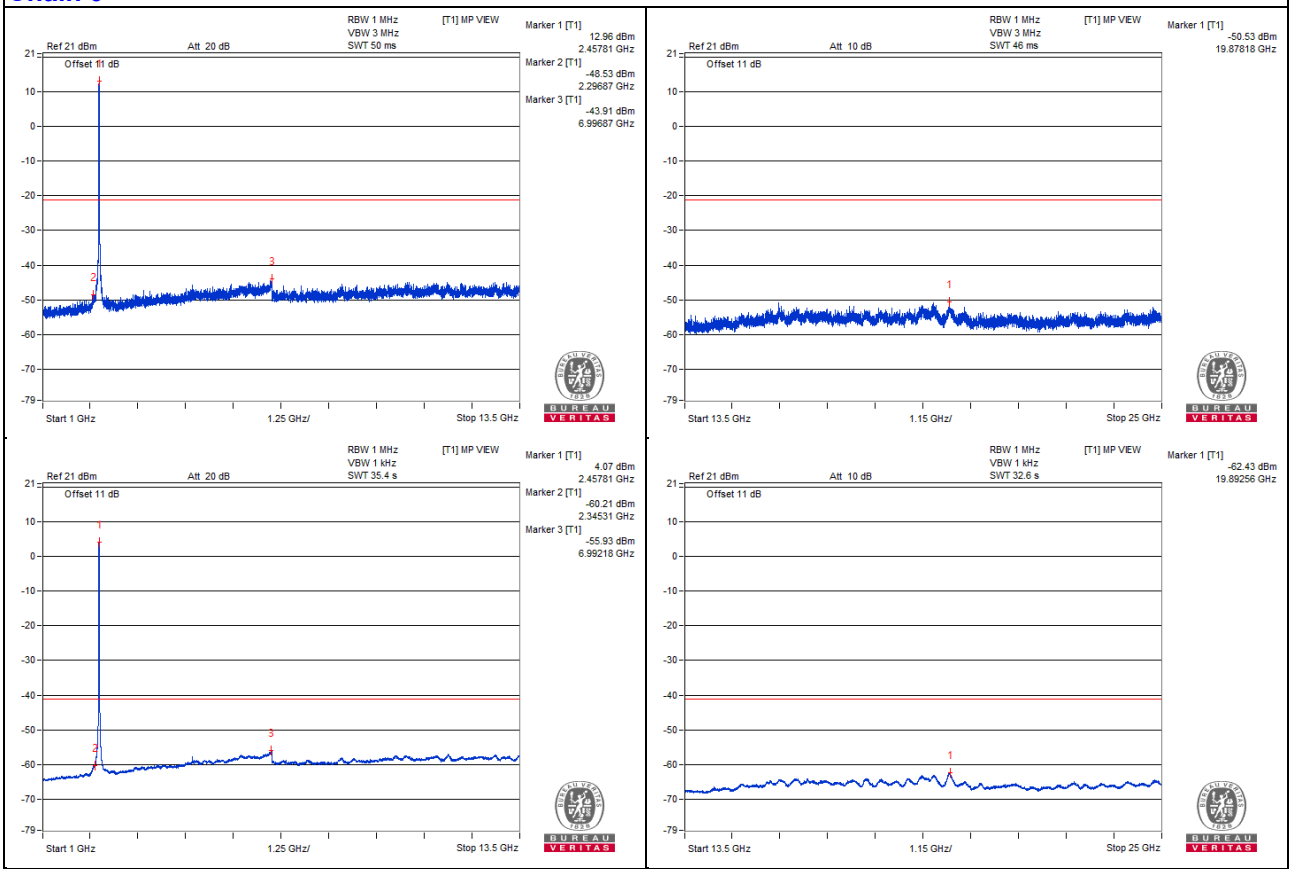
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4940.62 PK	59.59	74	-14.41	-47.2	-46.52	8.17	-35.67
2	4915.62 AV	48.22	54	-5.78	-58.14	-58.31	8.17	-47.04
3	7300 PK	59.31	74	-14.69	-46.02	-48.62	8.17	-35.95
4	7287.5 AV	47.5	54	-6.5	-59.04	-58.85	8.17	-47.76

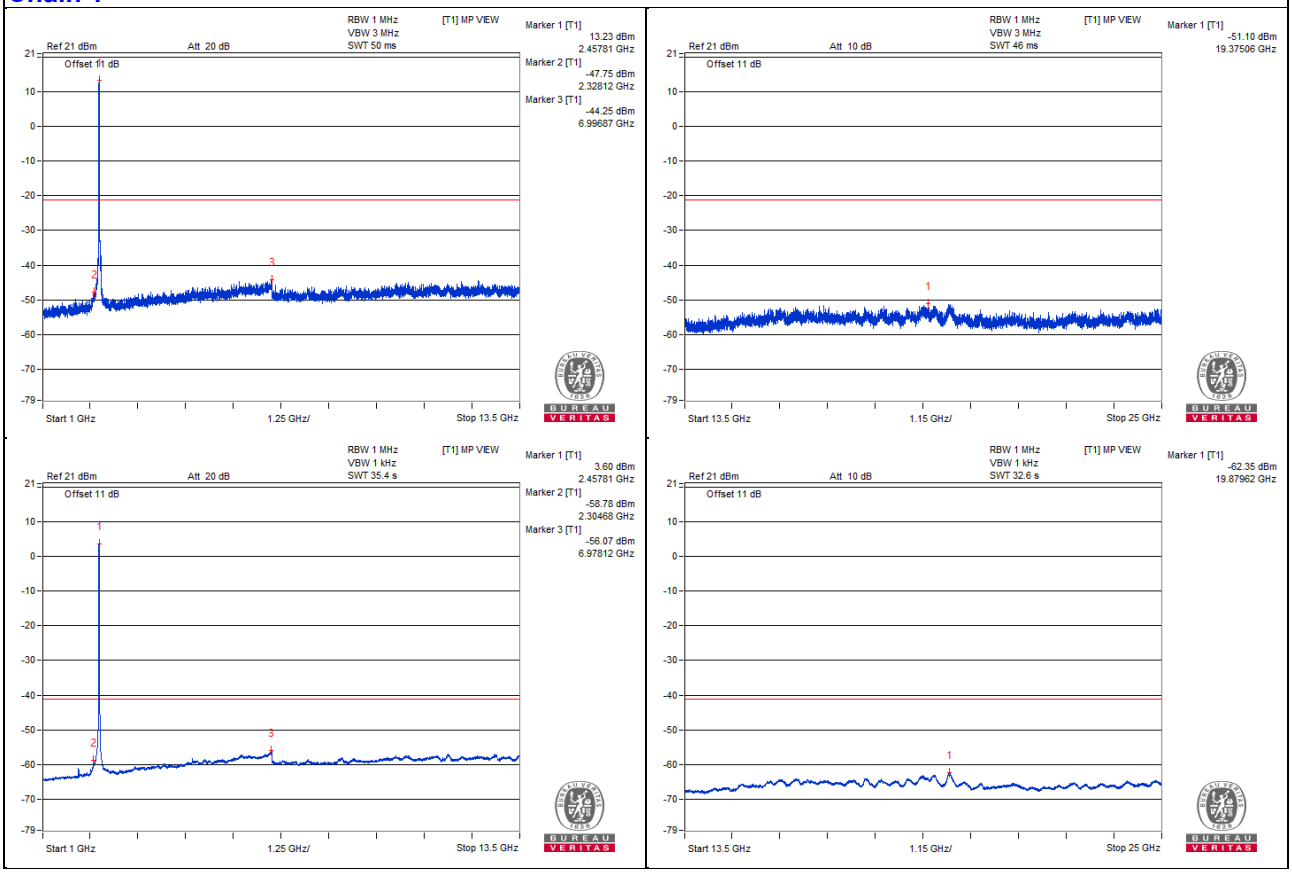
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

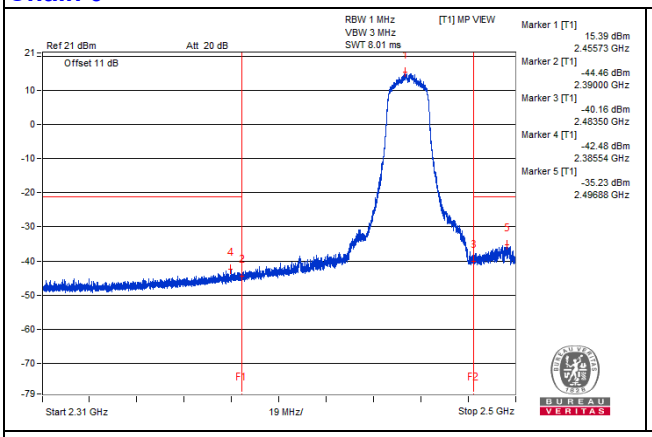
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2385.54 PK	60.96	74	-13.04	-42.48	-45.86	6.54	-34.3
2	2389.82 AV	47.49	54	-6.51	-56.88	-57.8	6.54	-47.77
3	2483.8 PK	68.61	74	-5.39	-40.12	-34.17	6.54	-26.65
4	2483.51 AV	54.15	54	*0.15	-53.31	-49.03	6.54	-41.11

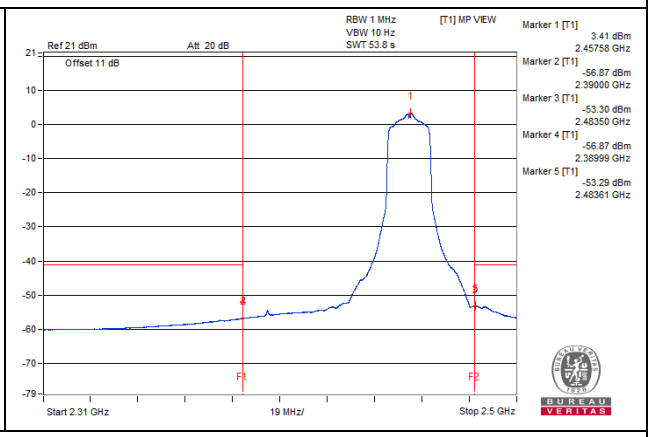
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

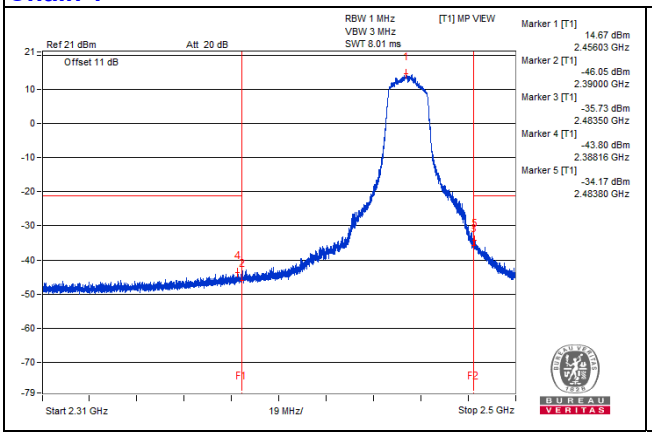
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

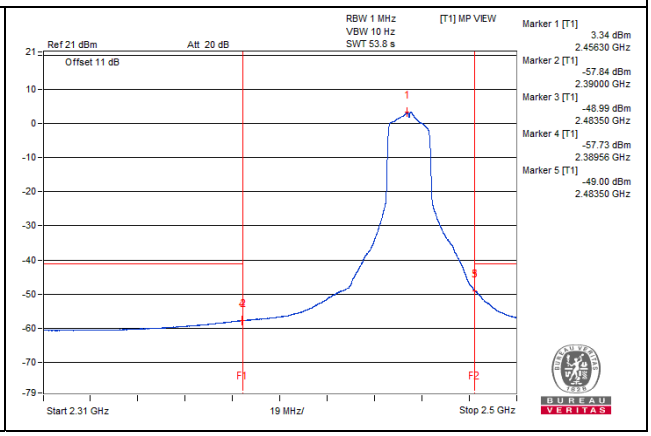
Chain 0





Chain 1





802.11g - Channel 11

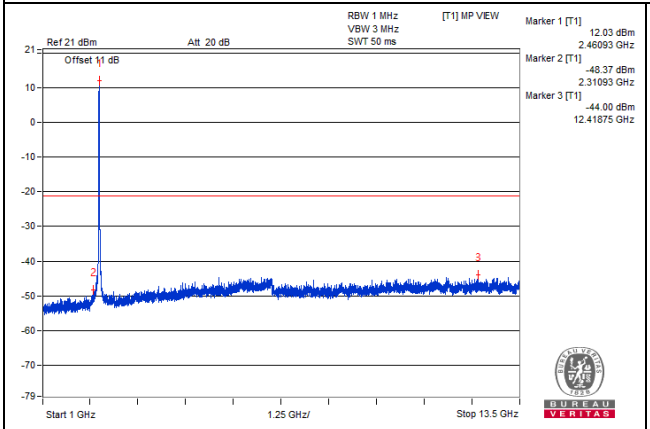
Conducted spurious emission table

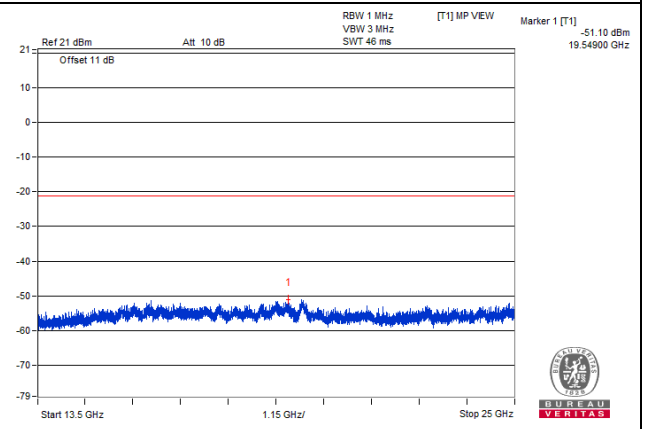
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4987.5 PK	59.89	74	-14.11	-45.99	-47.2	8.17	-35.37
2	4921.87 AV	47.82	54	-6.18	-58.51	-58.74	8.17	-47.44
3	7278.12 PK	59.39	74	-14.61	-47.5	-46.64	8.17	-35.87
4	7292.18 AV	47.53	54	-6.47	-58.82	-59	8.17	-47.73

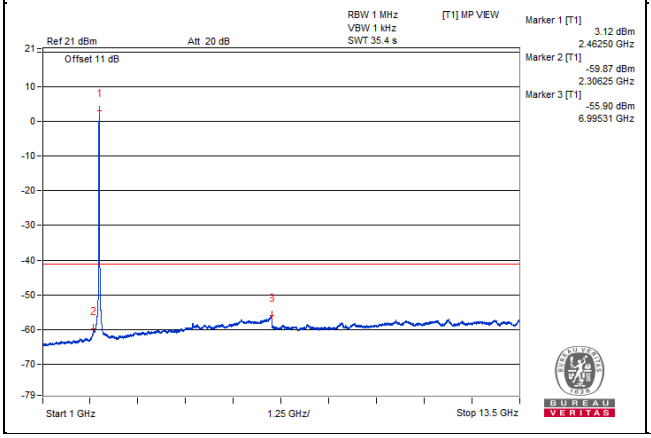
Note :

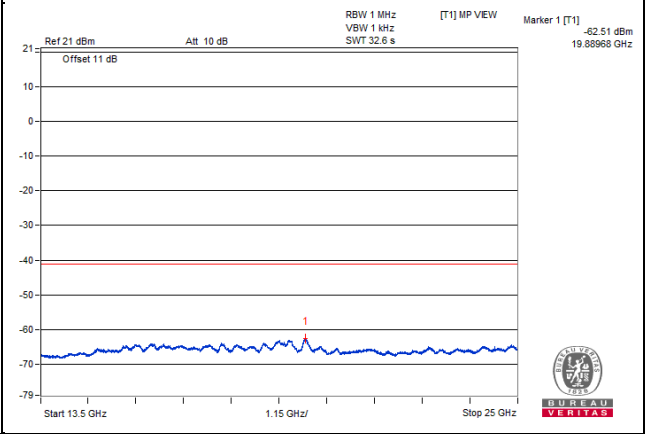
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

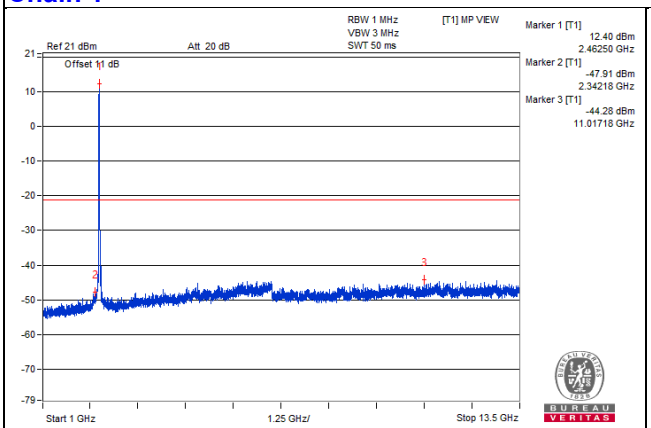


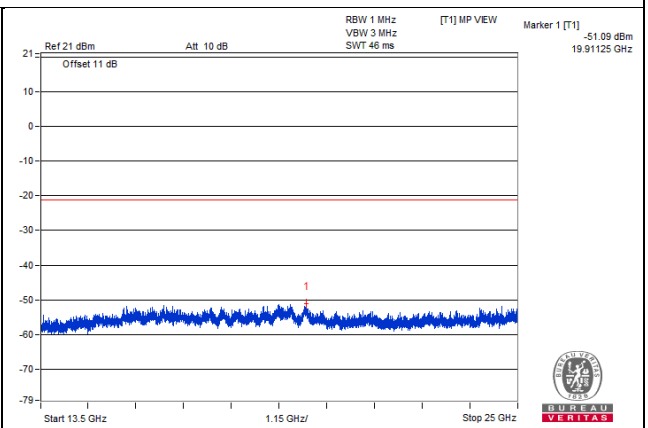


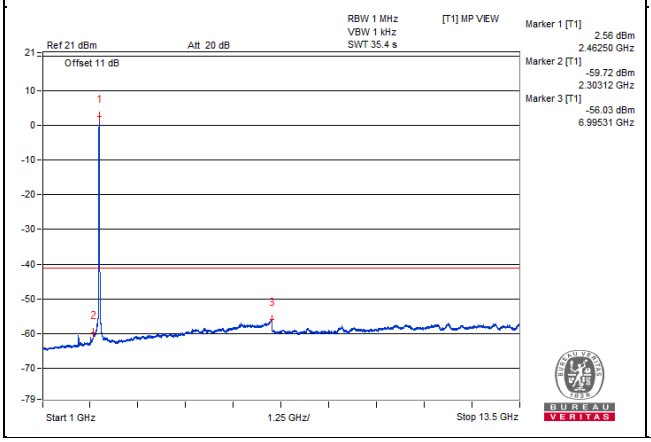


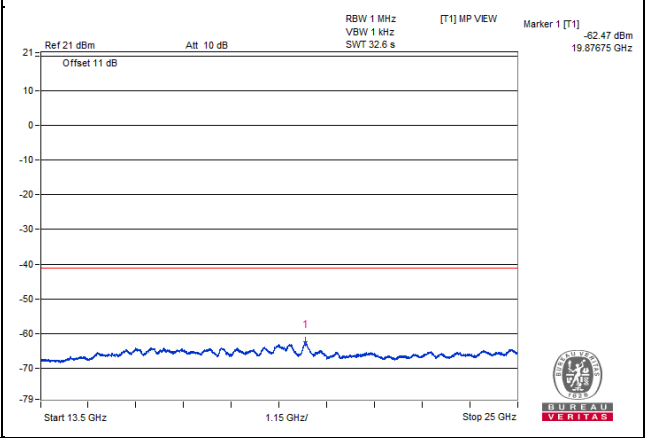


Chain 1







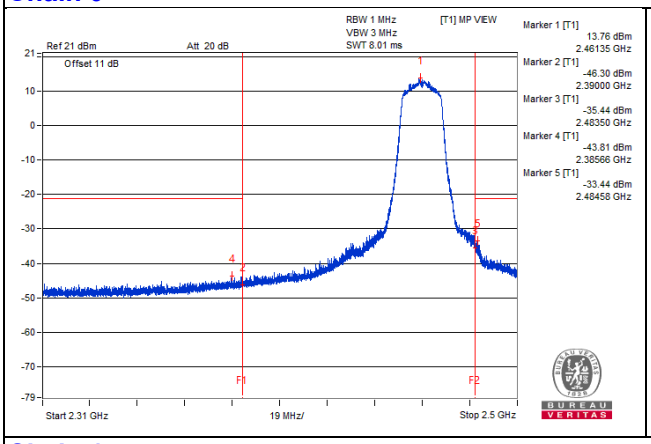


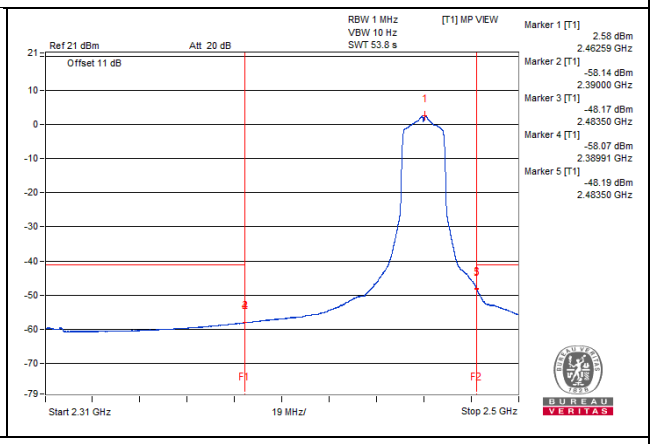
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.51 PK	59.92	74	-14.08	-43.97	-46.05	6.54	-35.34
2	2389.91 AV	46.36	54	-7.64	-58.07	-58.87	6.54	-48.9
3	2483.89 PK	72.44	74	-1.56	-35.68	-30.51	6.54	-22.82
4	2483.51 AV	56.87	54	*2.87	-48.23	-47.66	6.54	-38.39

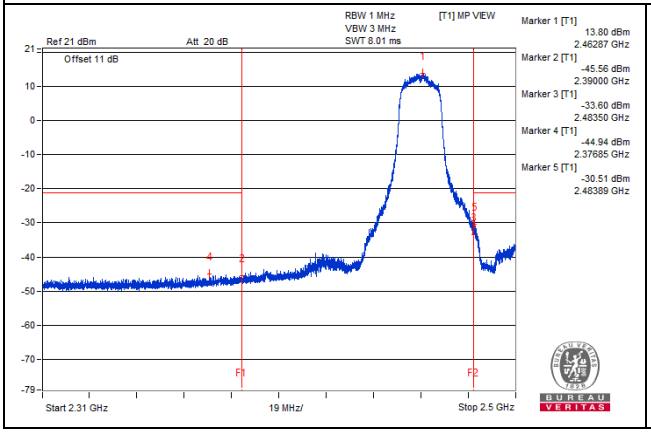
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

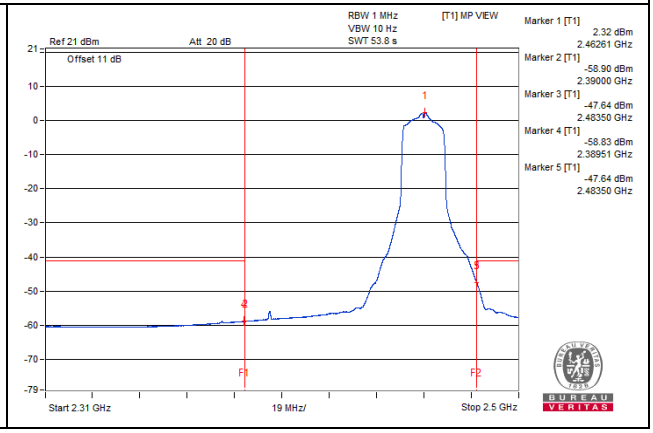
Chain 0





Chain 1





802.11g - Channel 12

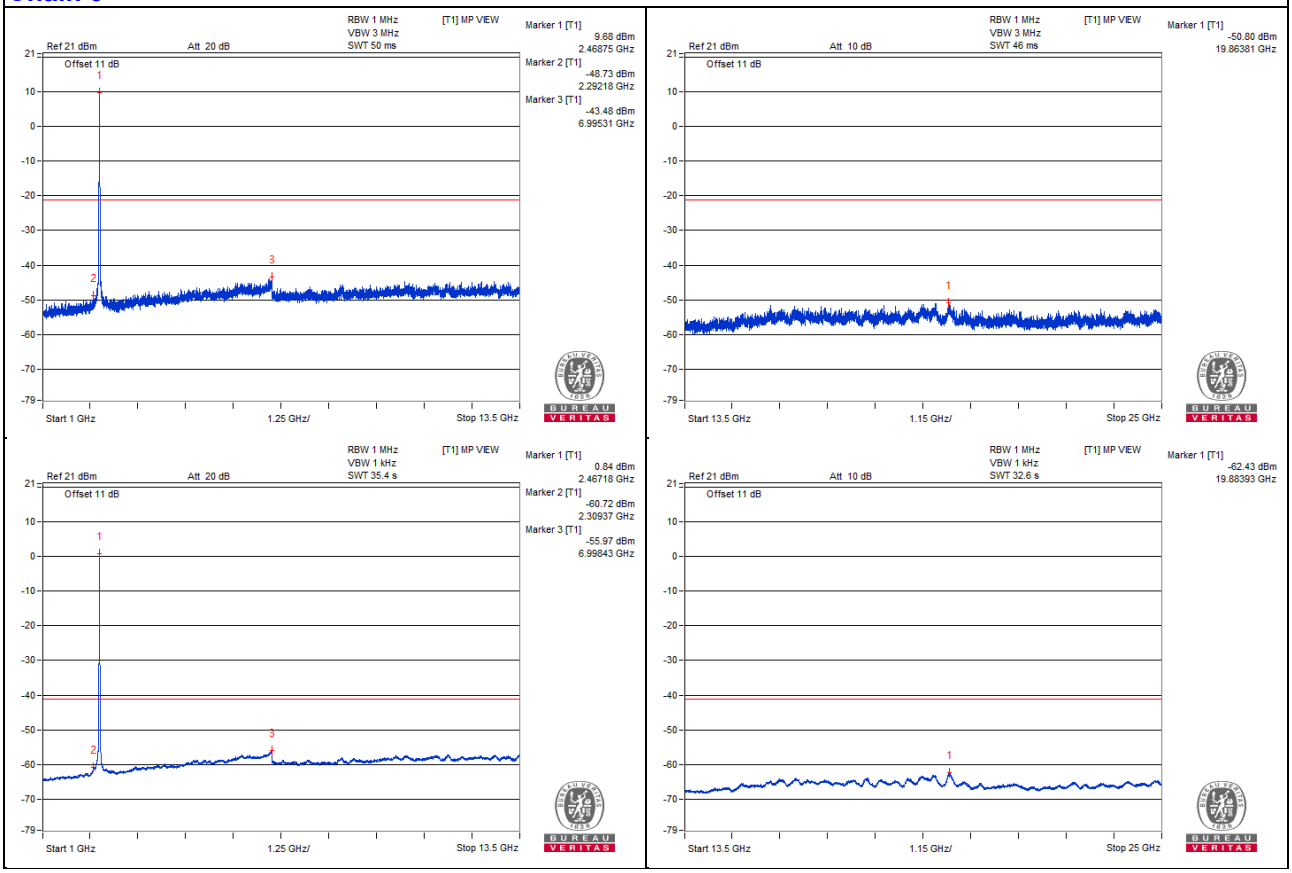
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4959.37 PK	59.5	74	-14.5	-47.36	-46.55	8.17	-35.76
2	4939.06 AV	47.47	54	-6.53	-58.81	-59.13	8.17	-47.79
3	7407.81 PK	59.07	74	-14.93	-47.93	-46.87	8.17	-36.19
4	7296.87 AV	47.53	54	-6.47	-58.93	-58.89	8.17	-47.73

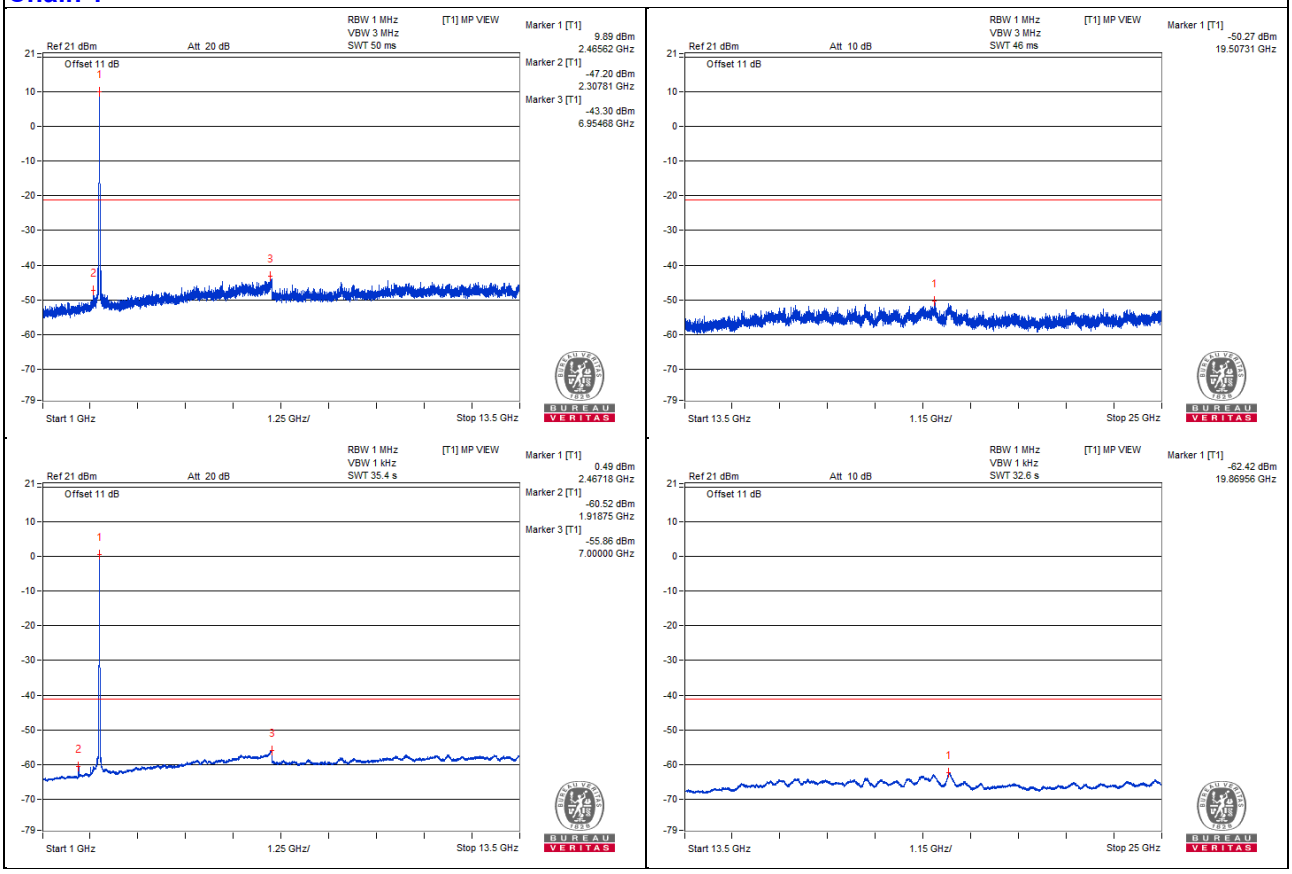
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1

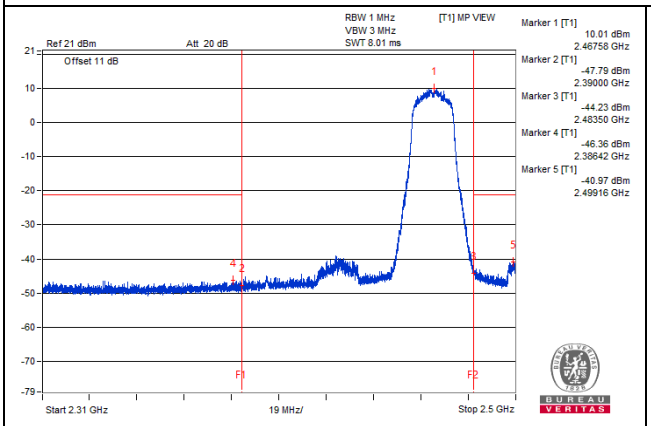


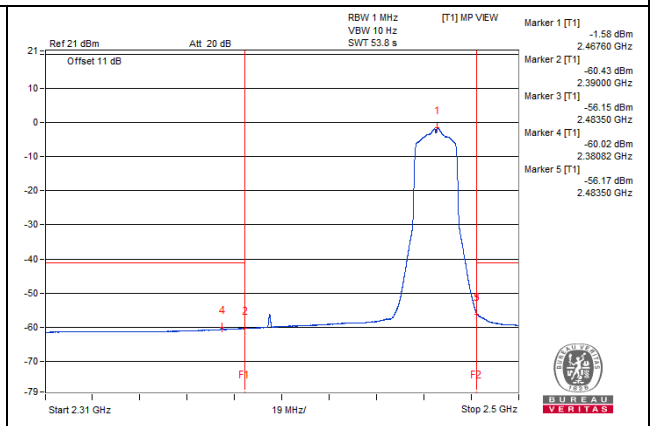
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.23 PK	57.84	74	-16.16	-47.08	-46.87	6.54	-37.42
2	2380.79 AV	44.24	54	-9.76	-60.03	-61.19	6.54	-51.02
3	2483.58 PK	69.78	74	-4.22	-43.49	-32.34	6.54	-25.48
4	2483.51 AV	54.77	54	*0.77	-56.22	-47.59	6.54	-40.49

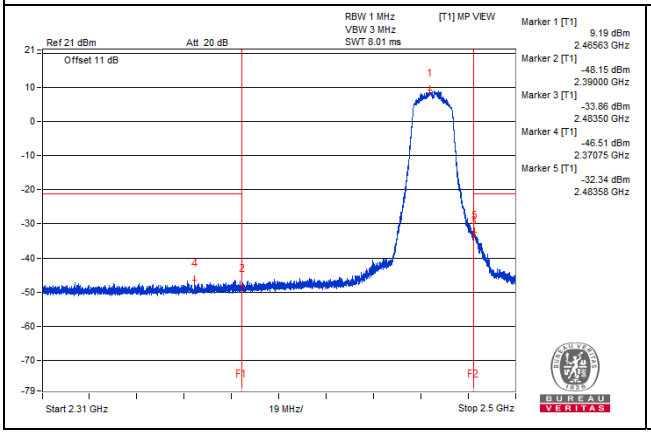
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

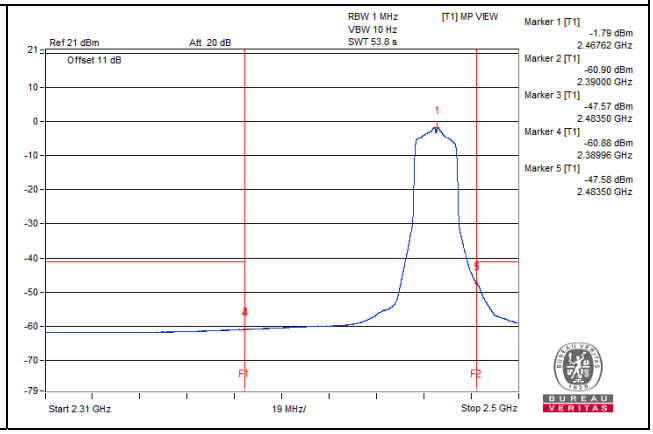
Chain 0





Chain 1





802.11g - Channel 13

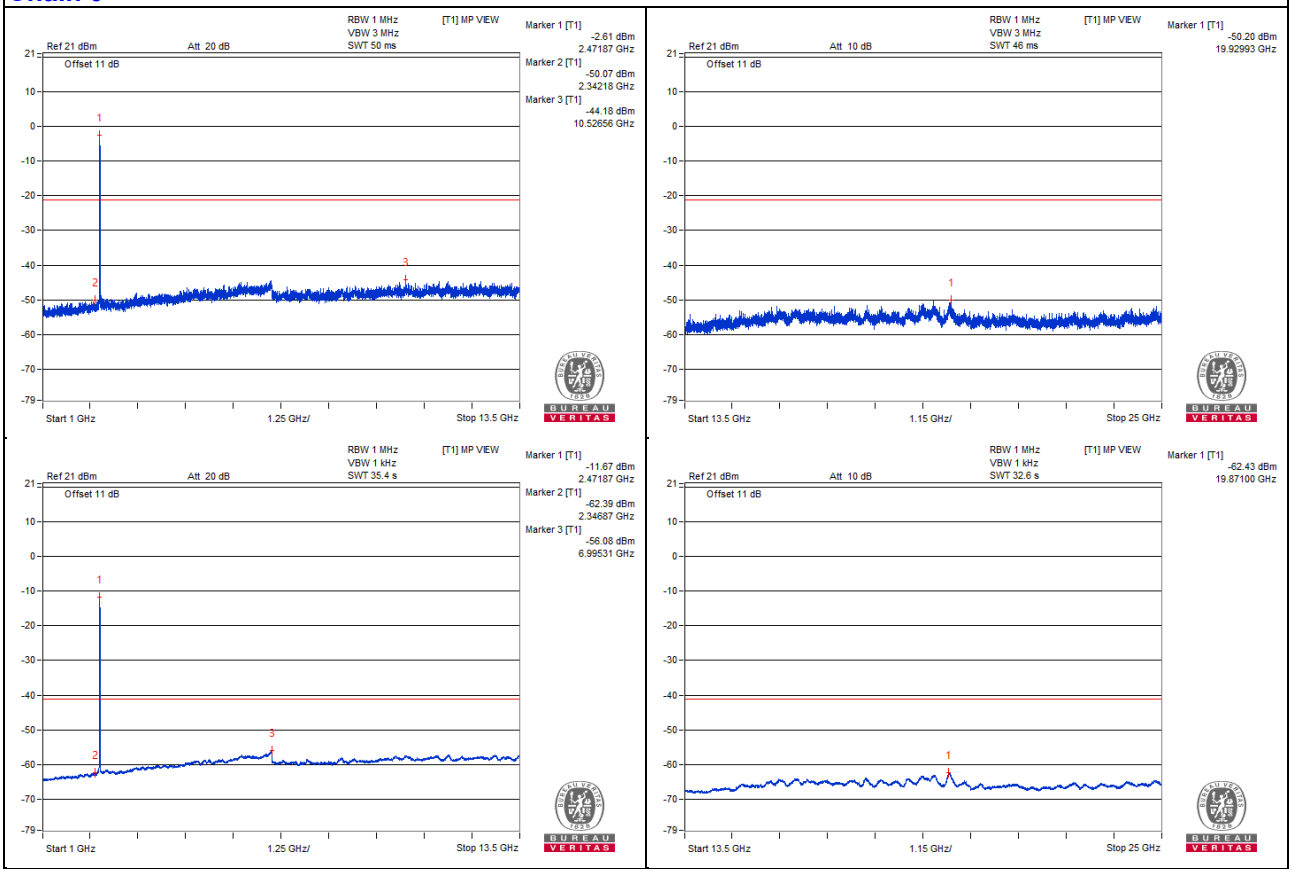
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4942.18 PK	59.5	74	-14.5	-47.19	-46.71	8.17	-35.76
2	5000 AV	47.31	54	-6.69	-59.33	-58.94	8.17	-47.95
3	7282.12 PK	58.74	74	-15.26	-48.69	-46.89	8.17	-36.52
4	7281.25 AV	47.49	54	-6.51	-58.89	-59.02	8.17	-47.77

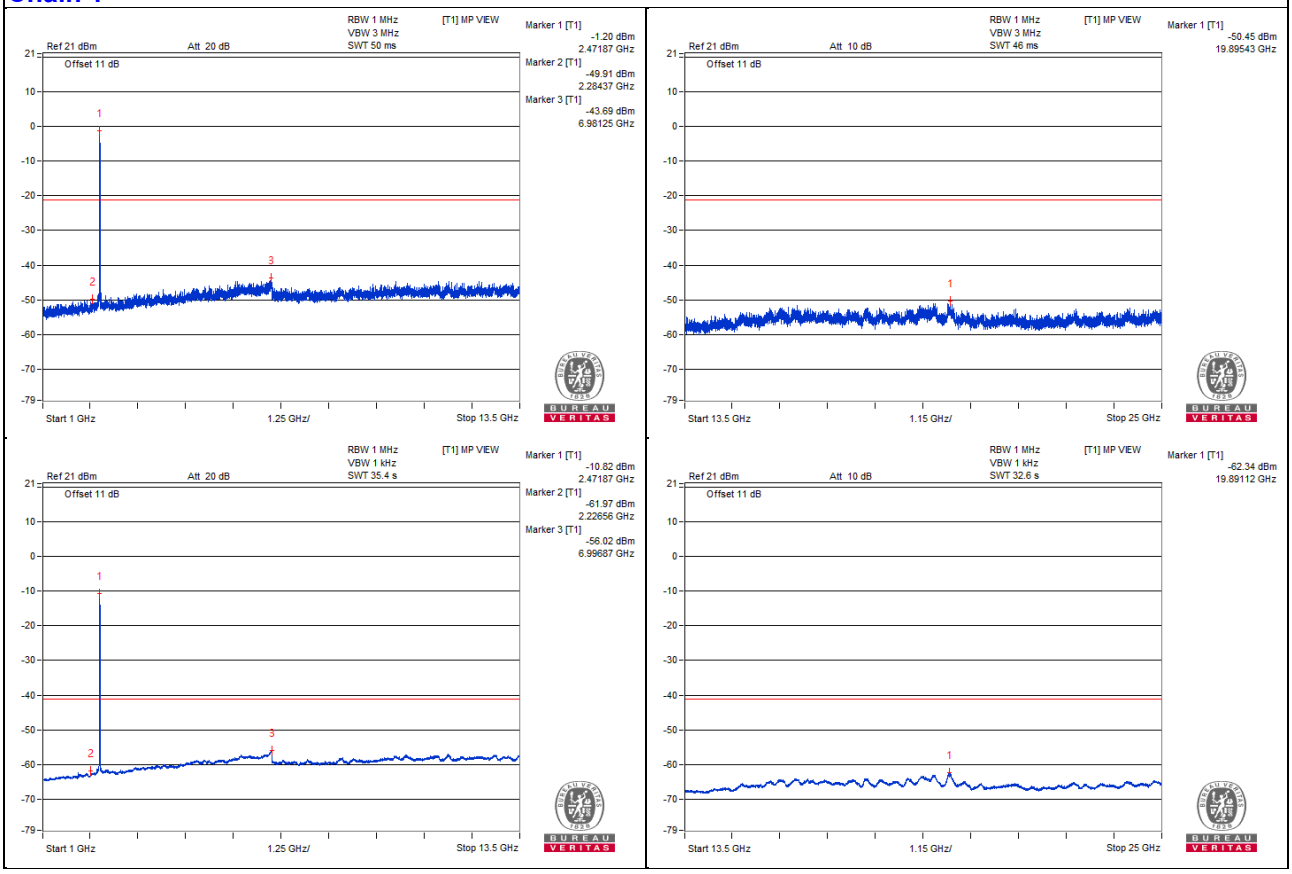
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

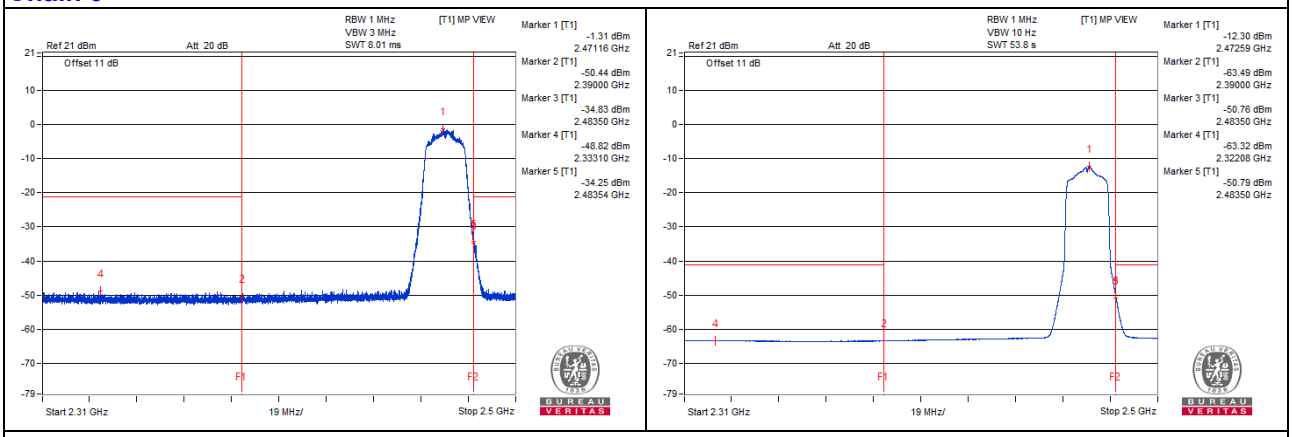
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2310.19 PK	55.7	74	-18.3	-49.46	-48.78	6.54	-39.56
2	2380.68 AV	41.66	54	-12.34	-63.48	-62.85	6.54	-53.6
3	2483.68 PK	70.84	74	-3.16	-35.49	-32.85	6.54	-24.42
4	2483.51 AV	54.37	54	*0.37	-50.86	-50.05	6.54	-40.89

Note :

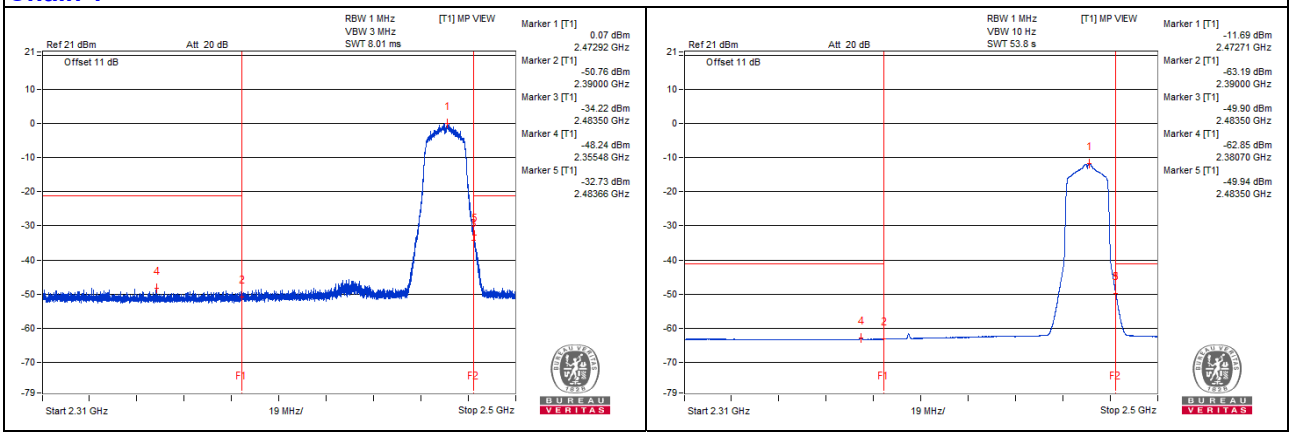
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

Chain 0



Chain 1



802.11ax (HE 20) - Channel 1

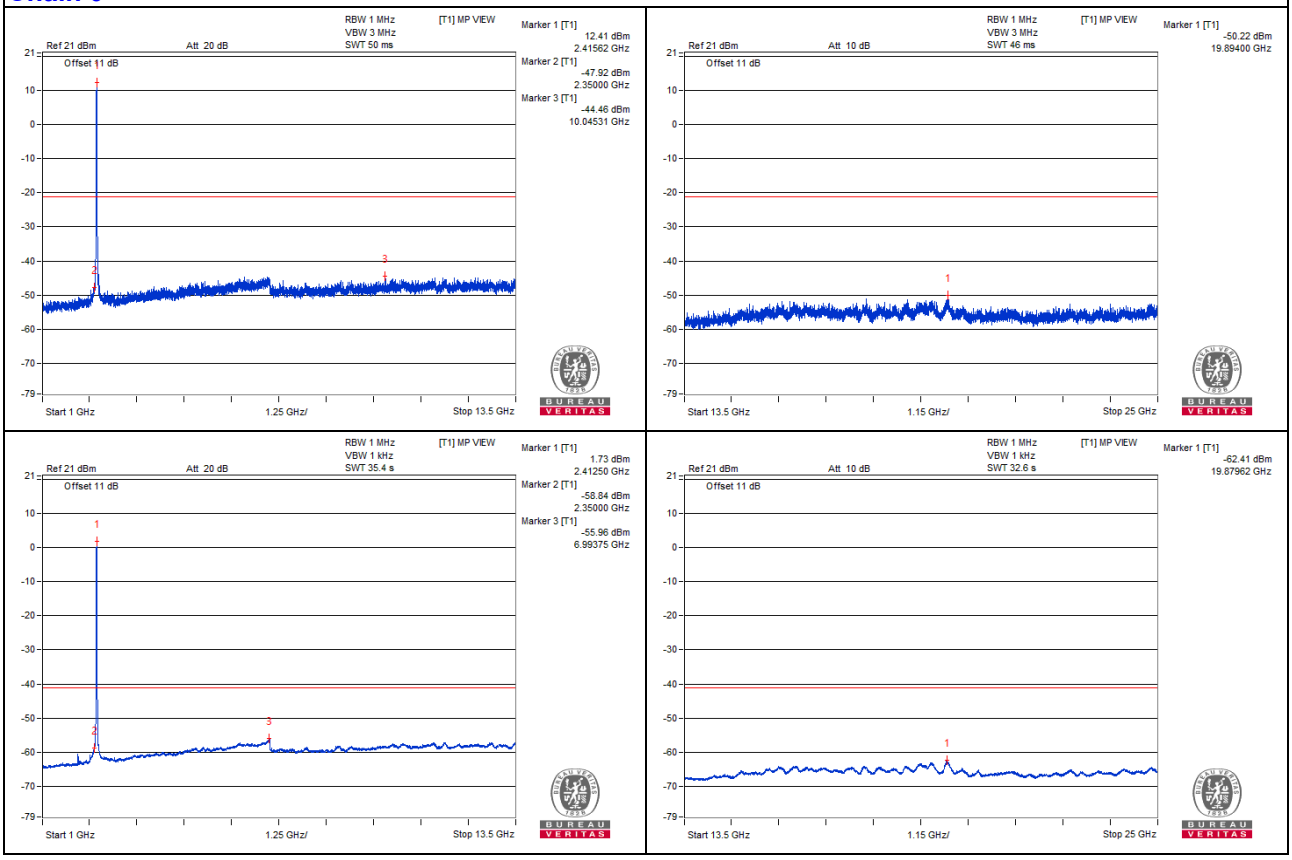
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4909.37 PK	59.11	74	-14.89	-48.74	-46.27	8.17	-36.15
2	4981.25 AV	47.4	54	-6.6	-58.99	-59.1	8.17	-47.86
3	7418.75 PK	59.19	74	-14.81	-48.74	-46.14	8.17	-36.07
4	7296.87 AV	47.41	54	-6.59	-59.04	-59.02	8.17	-47.85

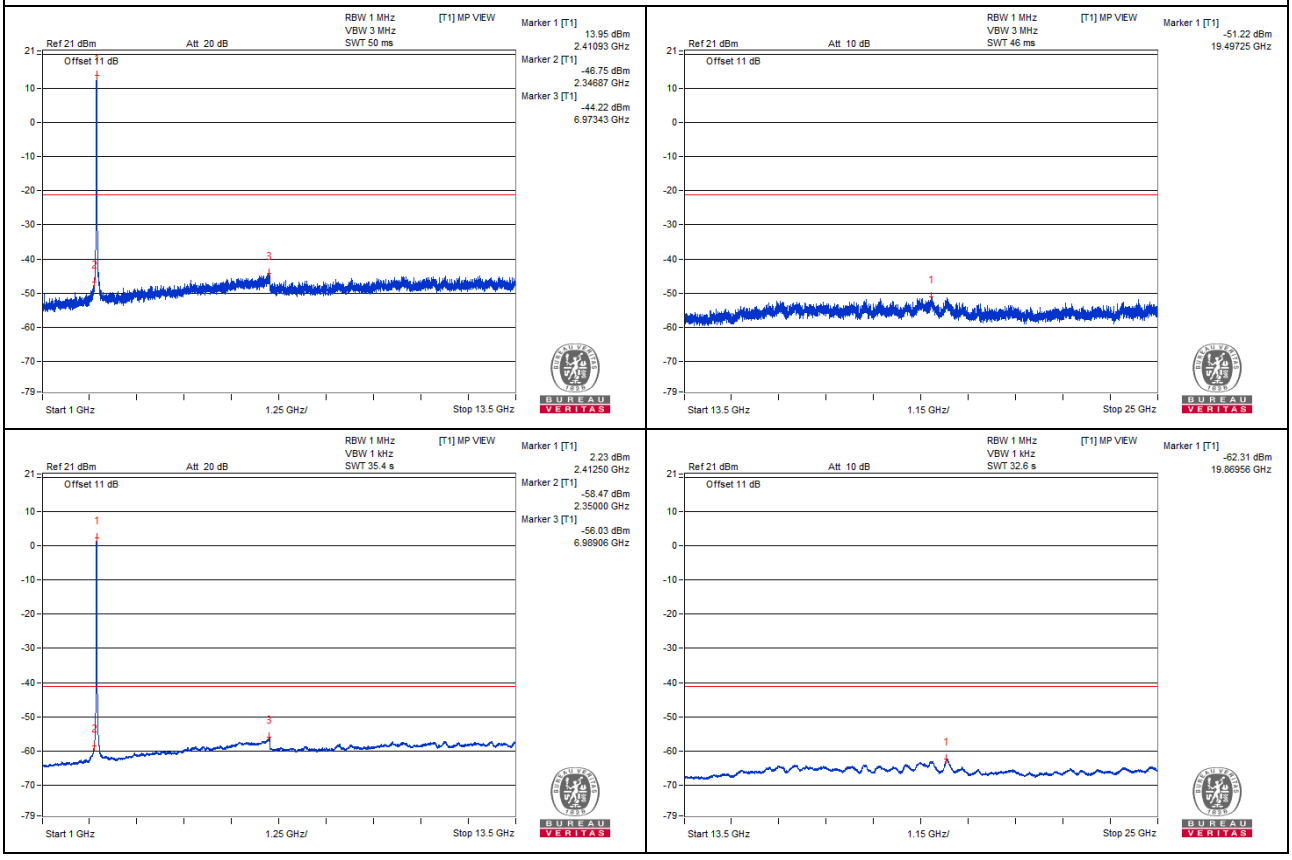
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

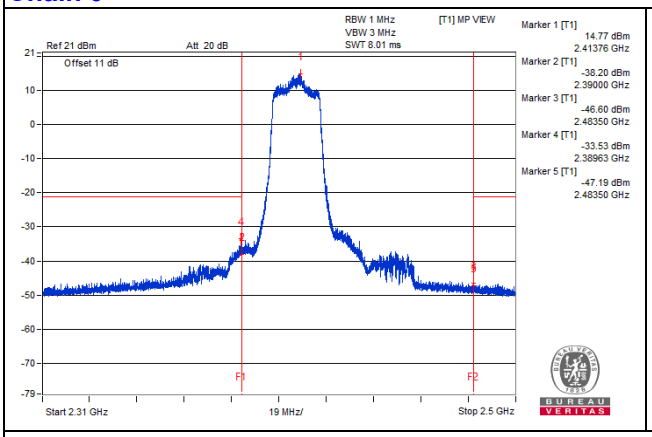
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.65 PK	71.3	74	-2.7	-33.54	-33.49	6.54	-23.96
2	2389.96 AV	56.97	54	*2.97	-49.65	-46.56	6.54	-38.29
3	2484.3 PK	57.85	74	-16.15	-49.1	-45.54	6.54	-37.41
4	2483.58 AV	44.51	54	-9.49	-60.6	-60.02	6.54	-50.75

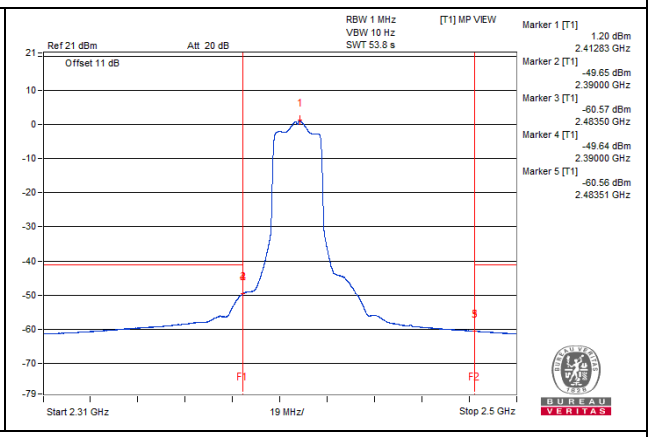
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

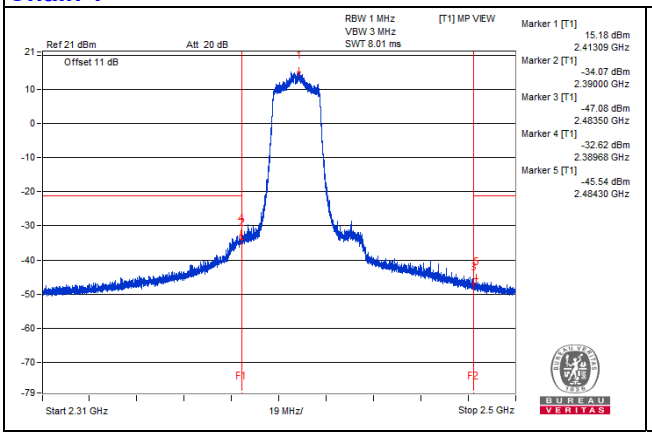
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

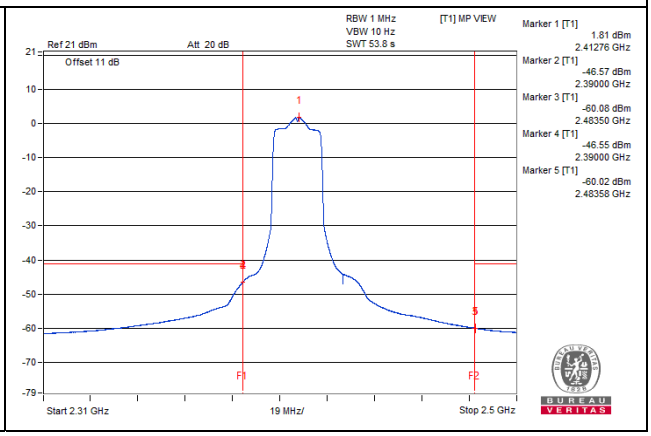
Chain 0





Chain 1





802.11ax (HE 20) - Channel 2

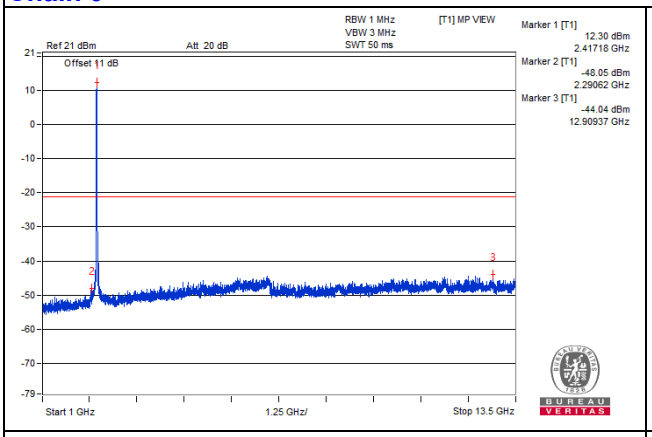
Conducted spurious emission table

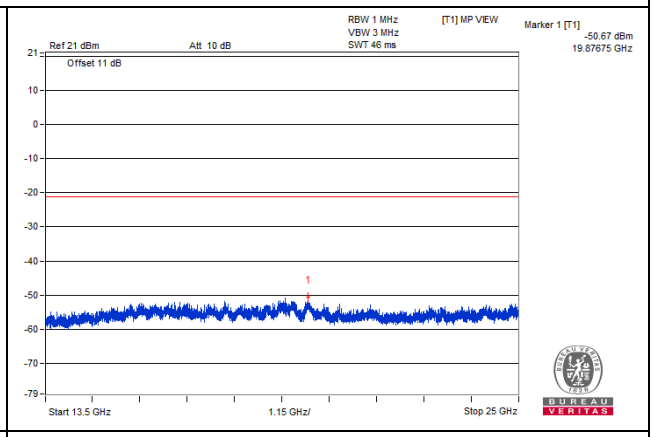
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4840.62 PK	58.95	74	-15.05	-46.2	-49.33	8.17	-36.31
2	4829.68 AV	47.52	54	-6.48	-59.16	-58.7	8.17	-47.74
3	7295.31 PK	59.31	74	-14.69	-47.35	-46.93	8.17	-35.95
4	7293.75 AV	47.6	54	-6.4	-58.95	-58.74	8.17	-47.66

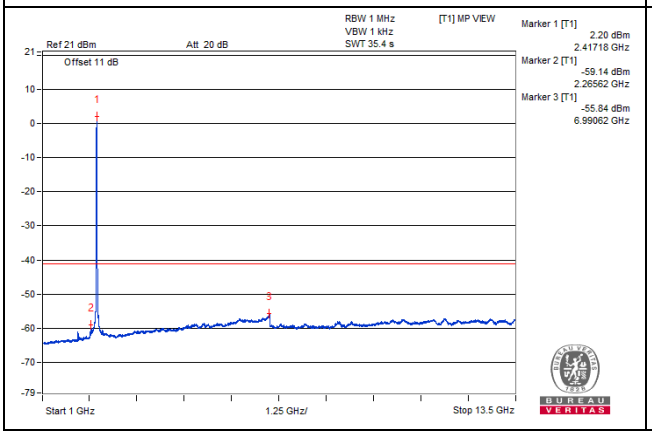
Note :

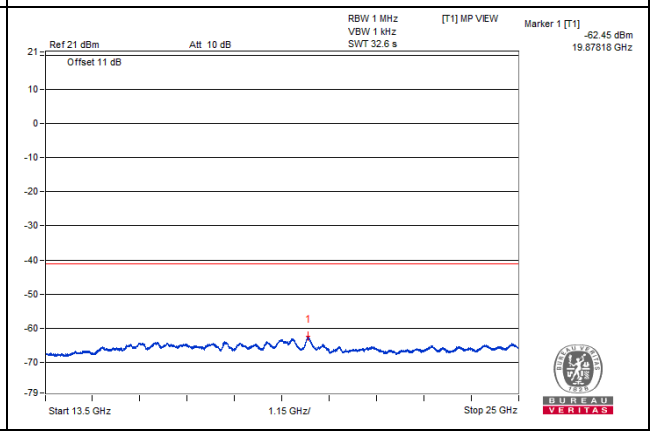
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

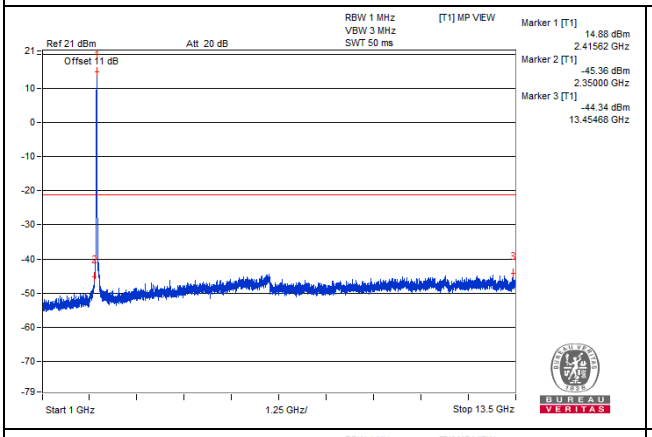


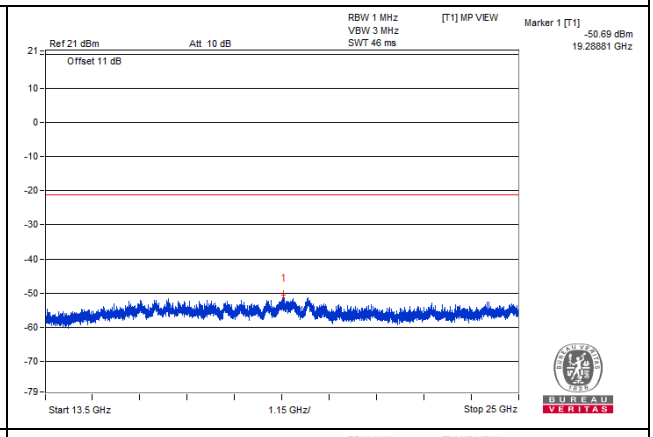


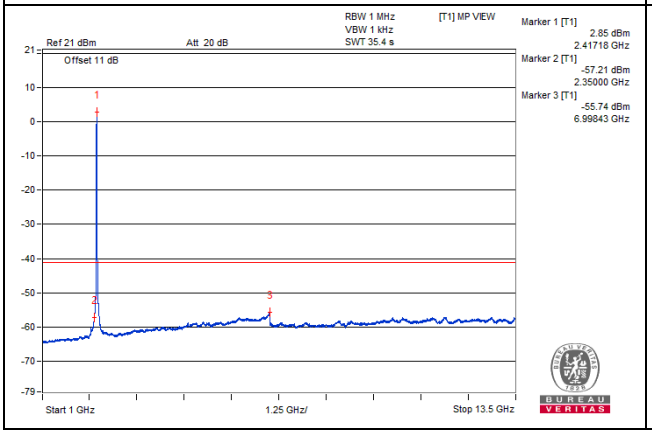


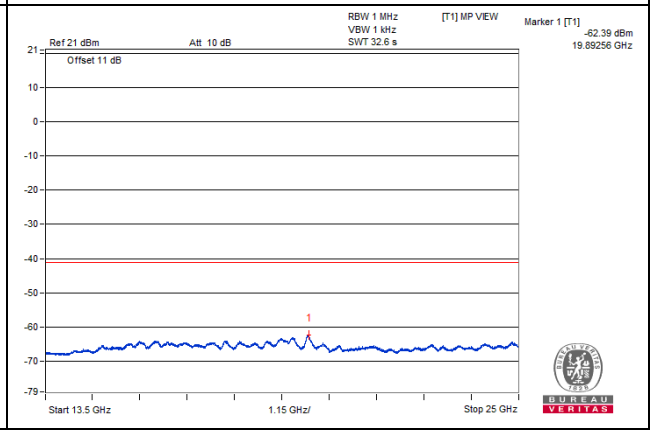


Chain 1









Bandedge table

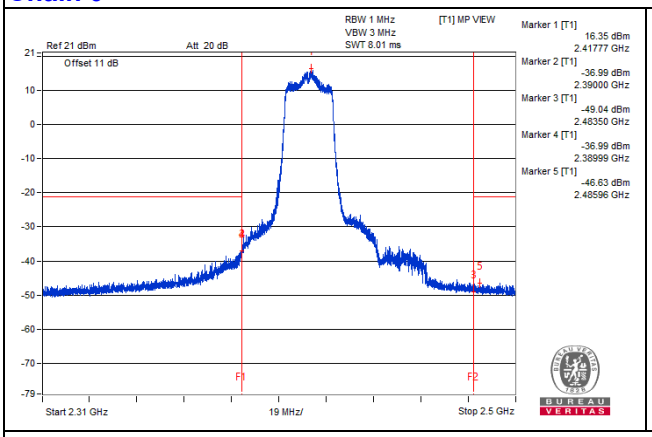
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.91 PK	69.58	74	-4.42	-37.63	-33.69	6.54	-25.68
2	2389.99 AV	54.55	54	*0.55	-50.96	-49.65	6.54	-40.71
3	2484.18 PK	59.38	74	-14.62	-47.83	-43.9	6.54	-35.88
4	2483.61 AV	45.69	54	-8.31	-60.37	-58.15	6.54	-49.57

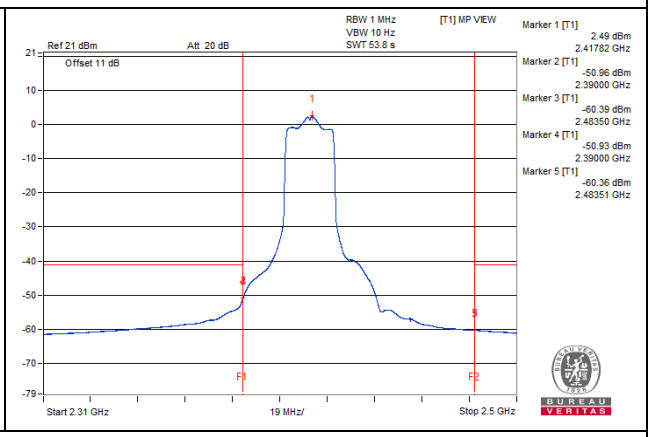
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

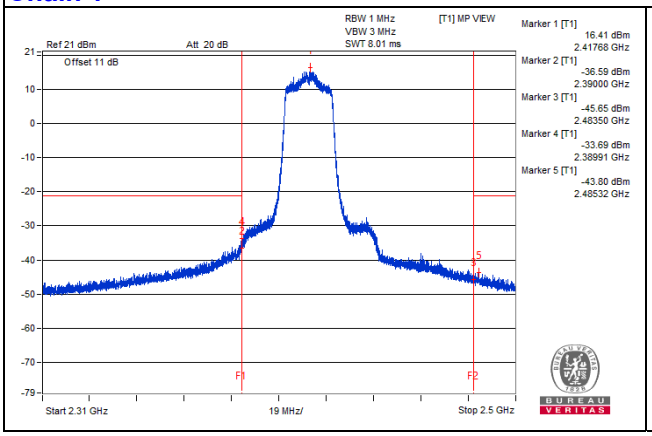
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

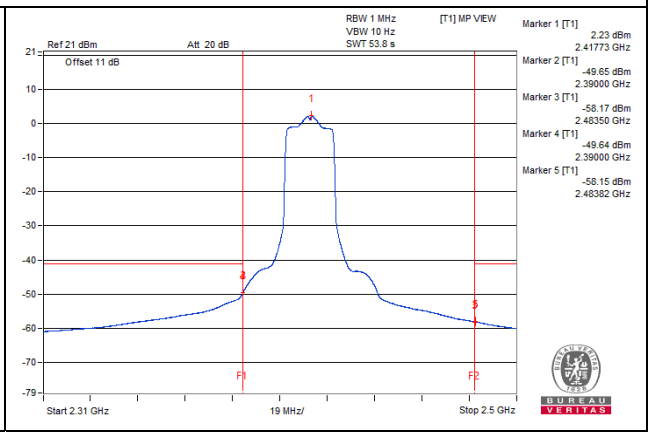
Chain 0





Chain 1





802.11ax (HE 20) - Channel 6

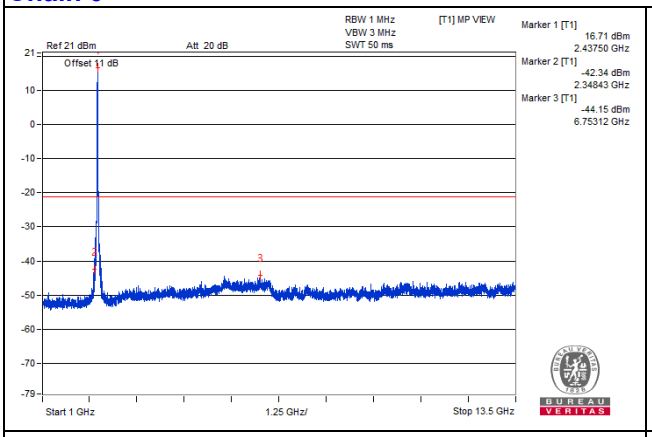
Conducted spurious emission table

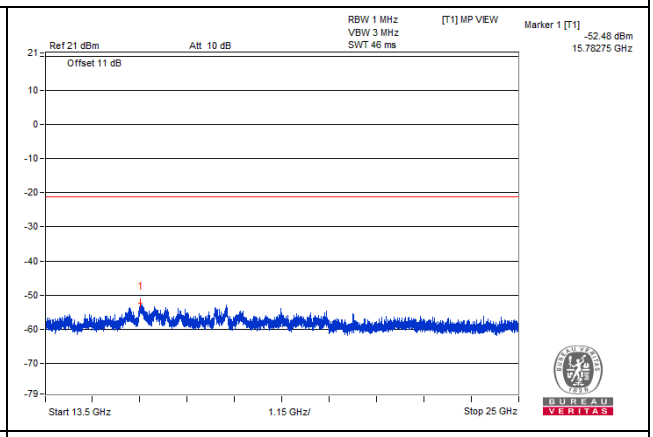
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4987.5 PK	58.36	74	-15.64	-49.24	-47.17	8.17	-36.9
2	4996.87 AV	46.59	54	-7.41	-59.77	-59.94	8.17	-48.67
3	7309.37 PK	58.11	74	-15.89	-49.45	-47.44	8.17	-37.15
4	7460.93 AV	46.31	54	-7.69	-60.3	-59.97	8.17	-48.95

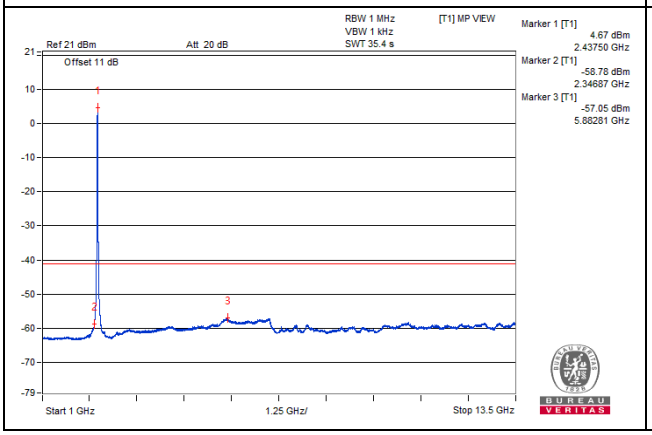
Note :

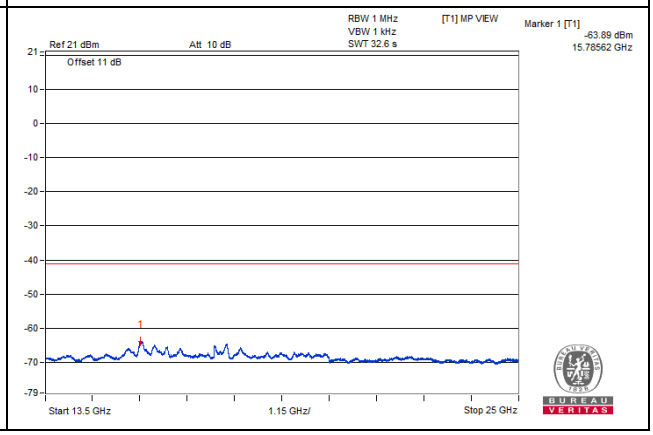
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

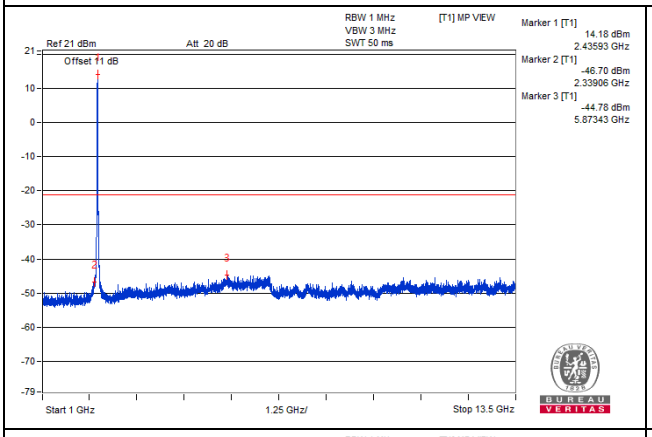


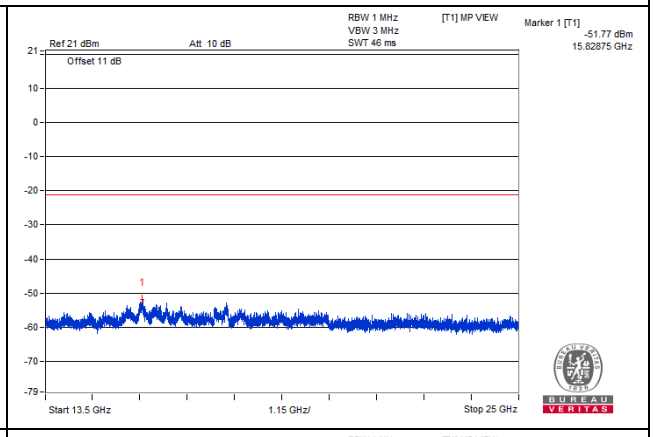


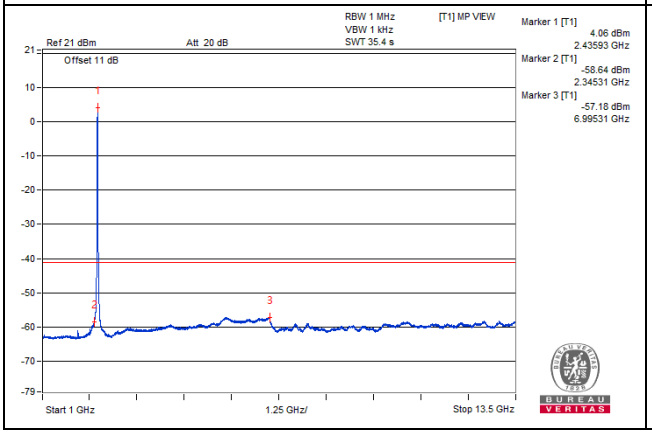


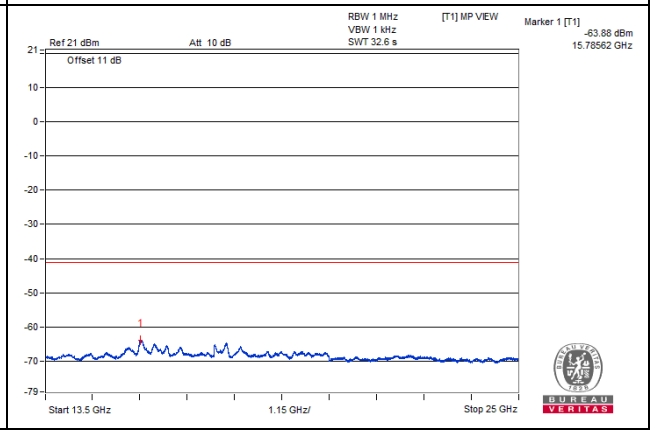


Chain 1









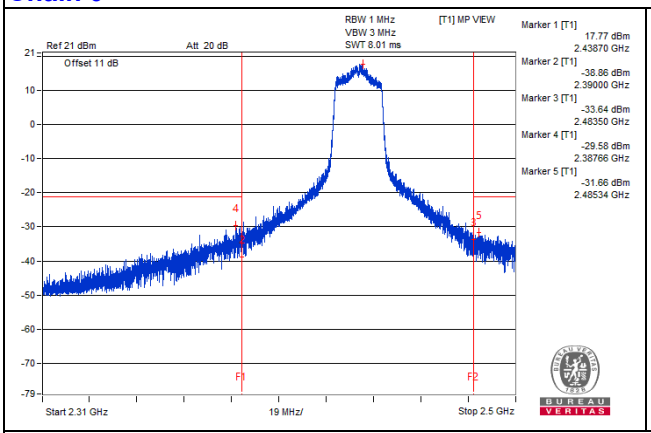
Bandedge table

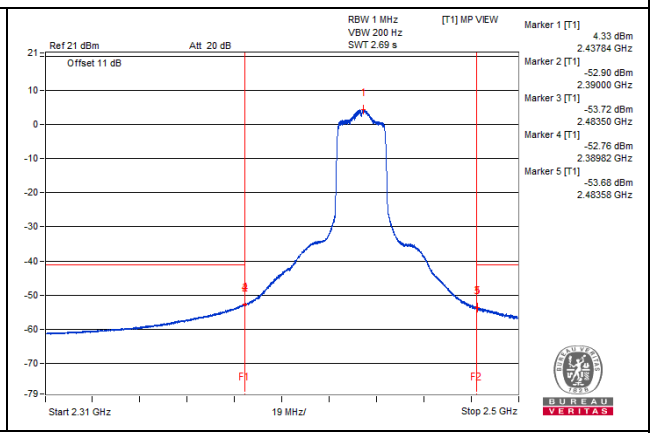
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.66 PK	72.44	74	-1.56	-29.58	-42.44	6.54	-22.82
2	2389.96 AV	50.88	54	-3.12	-52.85	-55.37	6.54	-44.38
3	2485.34 PK	70.4	74	-3.6	-31.66	-43.71	6.54	-24.86
4	2483.58 AV	50.24	54	-3.76	-53.68	-55.7	6.54	-45.02

Note :

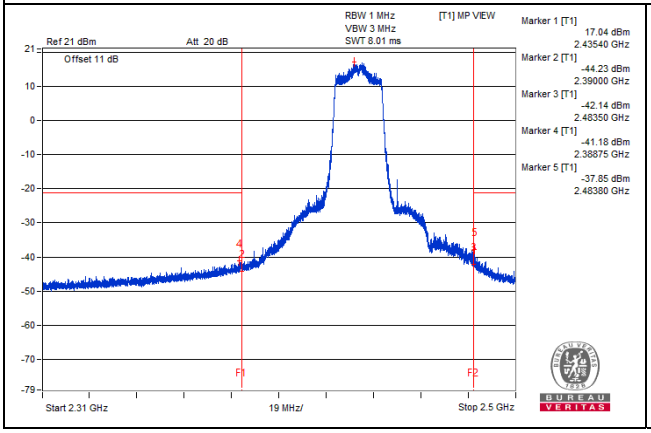
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

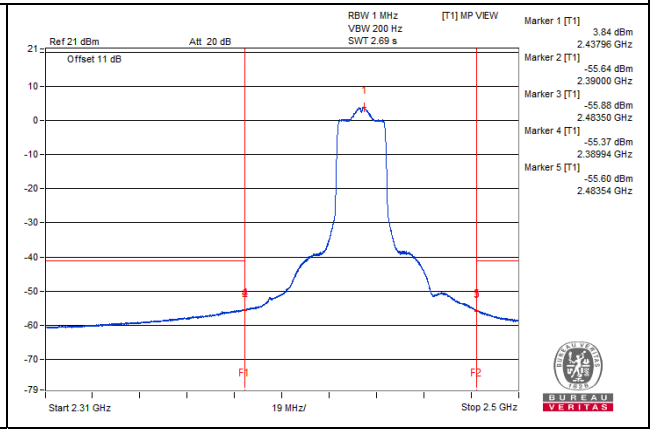
Chain 0





Chain 1





802.11ax (HE 20) - Channel 10

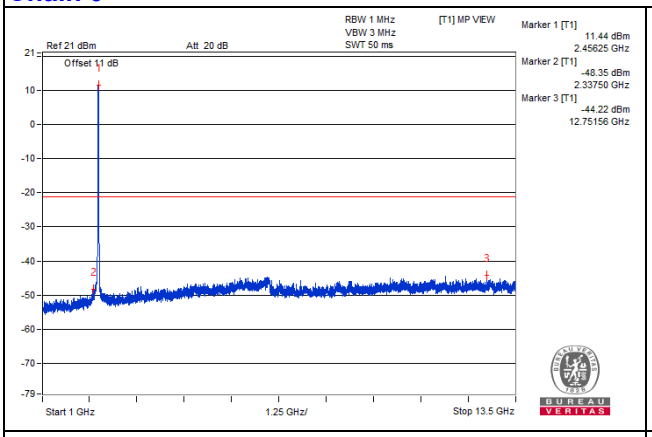
Conducted spurious emission table

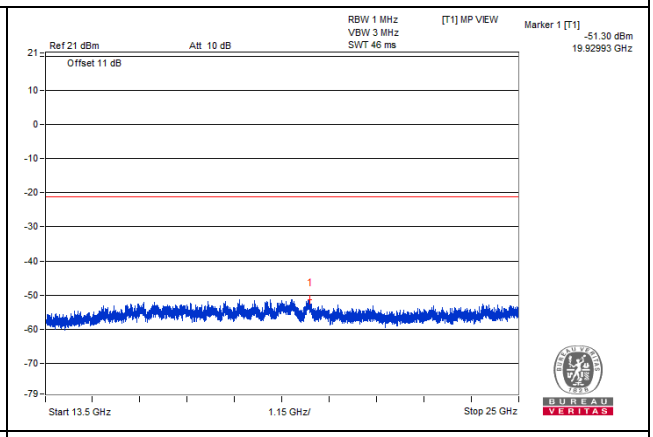
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4901.56 PK	59.27	74	-14.73	-47.69	-46.71	8.17	-35.99
2	4909.37 AV	47.69	54	-6.31	-59.07	-58.46	8.17	-47.57
3	7259.37 PK	59.66	74	-14.34	-45.84	-47.99	8.17	-35.6
4	7304.68 AV	47.49	54	-6.51	-59	-58.9	8.17	-47.77

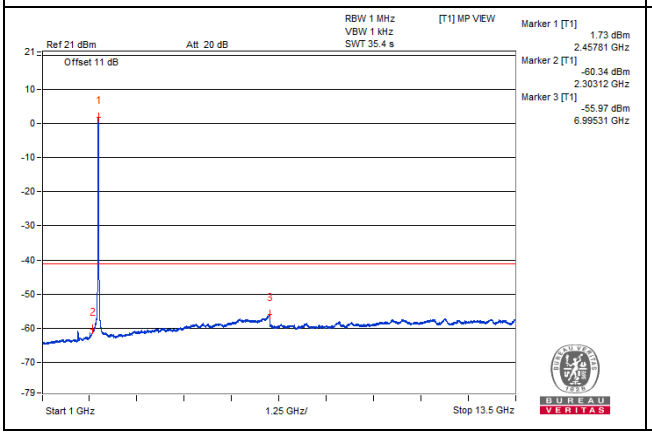
Note :

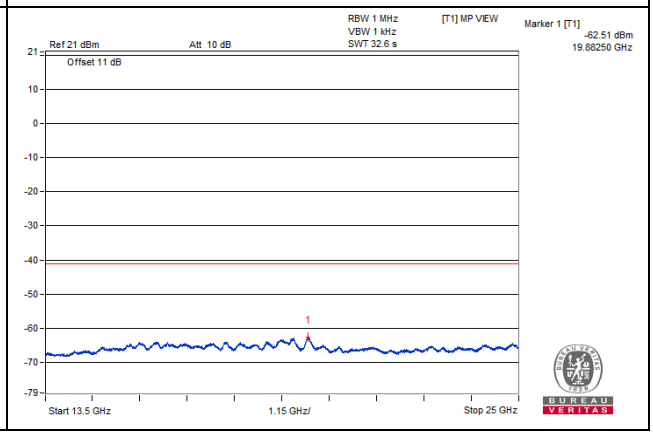
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

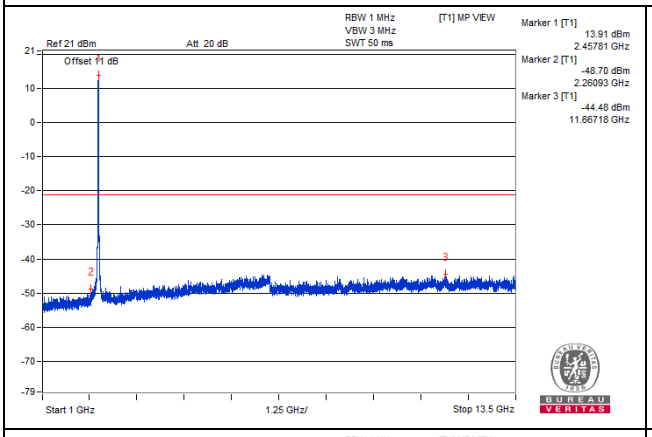


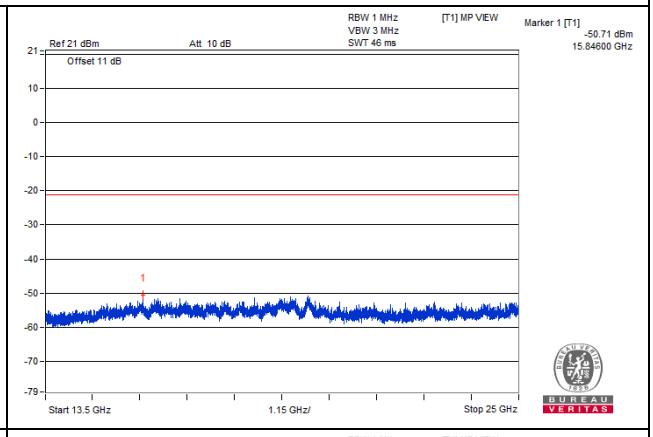


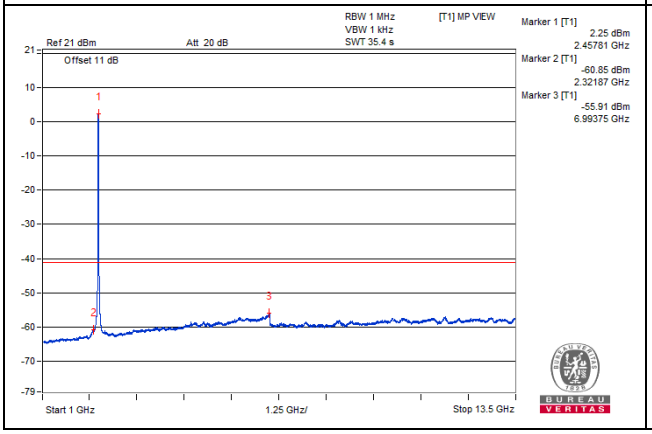


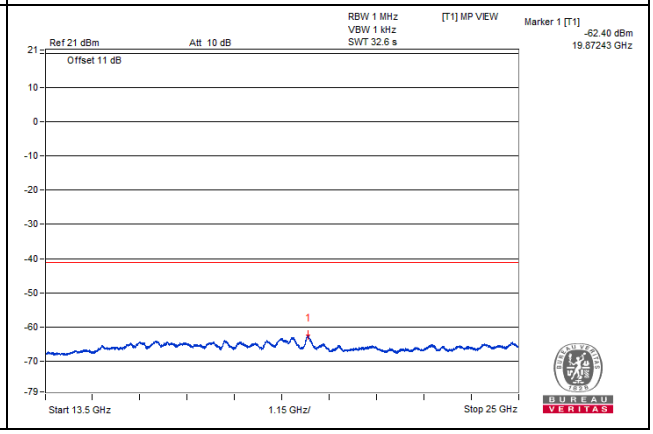


Chain 1









Bandedge table

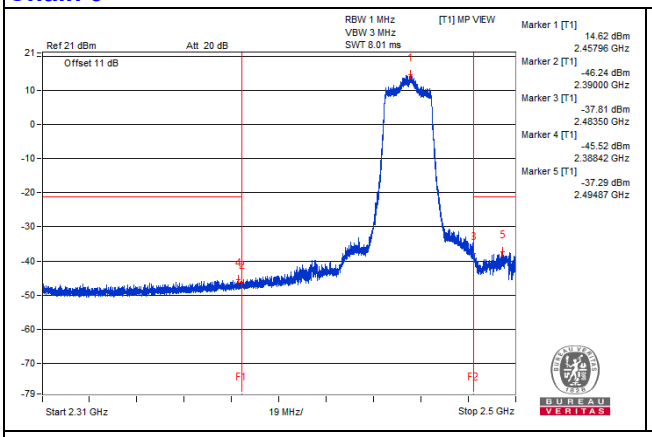
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2388.42 PK	58.58	74	-15.42	-45.52	-47.07	6.54	-36.68
2	2389.96 AV	45.37	54	-8.63	-59.28	-59.61	6.54	-49.89
3	2483.63 PK	69.08	74	-4.92	-39.77	-33.67	6.54	-26.18
4	2483.51 AV	54.35	54	*0.35	-51.06	-49.94	6.54	-40.91

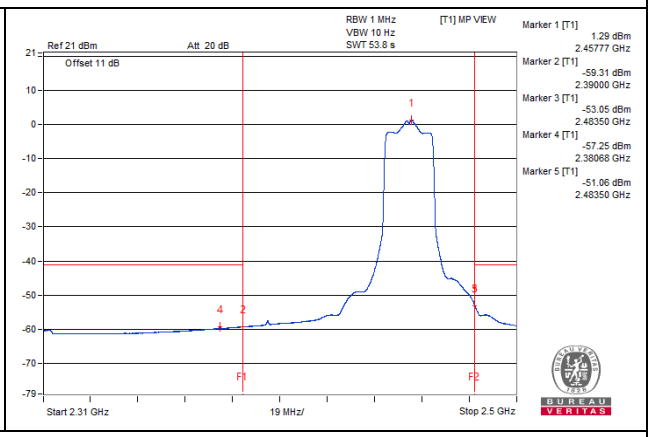
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

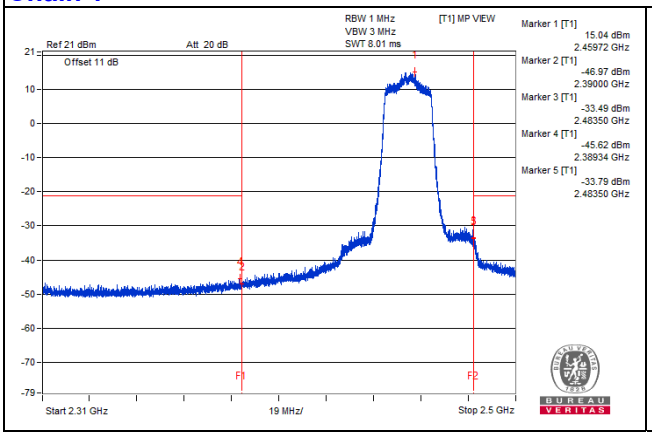
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

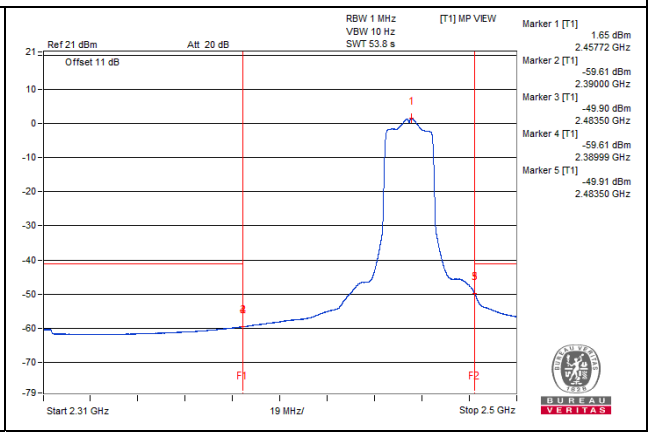
Chain 0





Chain 1





802.11ax (HE 20) - Channel 11

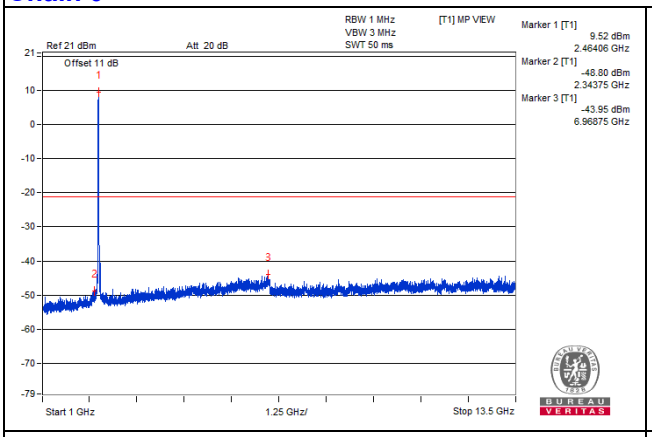
Conducted spurious emission table

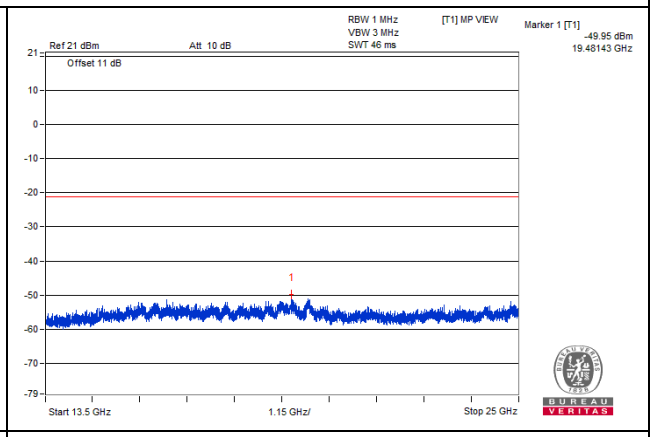
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4893.75 PK	59.06	74	-14.94	-48.02	-46.83	8.17	-36.2
2	4995.31 AV	47.37	54	-6.63	-58.89	-59.25	8.17	-47.89
3	7289.06 PK	59.1	74	-14.9	-47.35	-47.33	8.17	-36.16
4	7289.06 AV	47.39	54	-6.61	-59.33	-58.79	8.17	-47.87

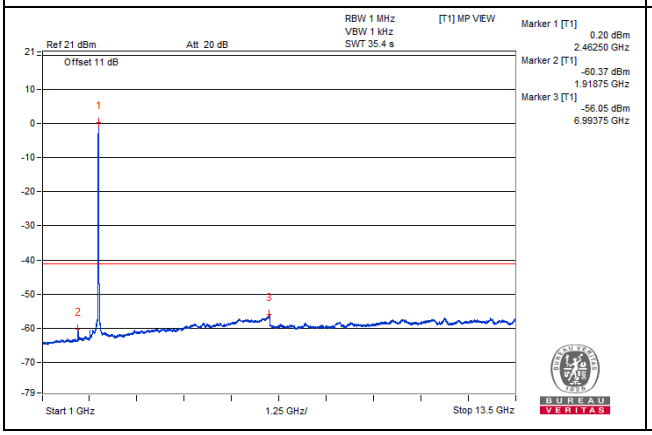
Note :

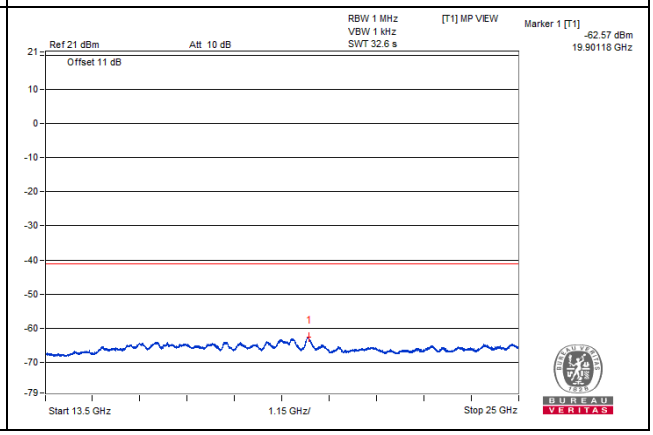
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

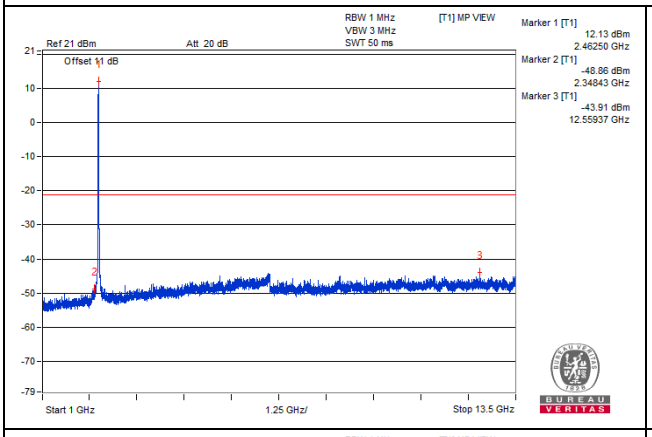


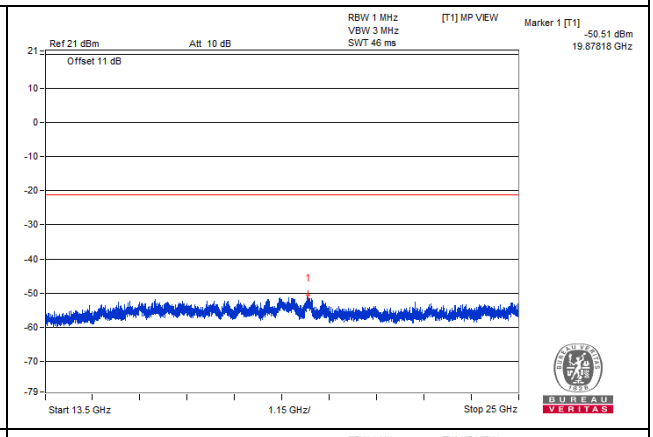


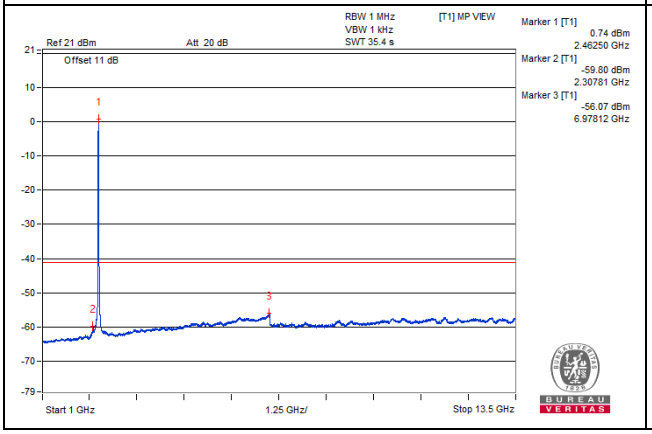


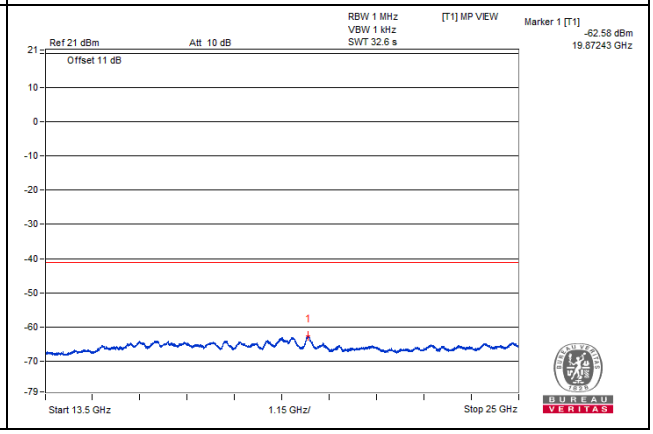


Chain 1









Bandedge table

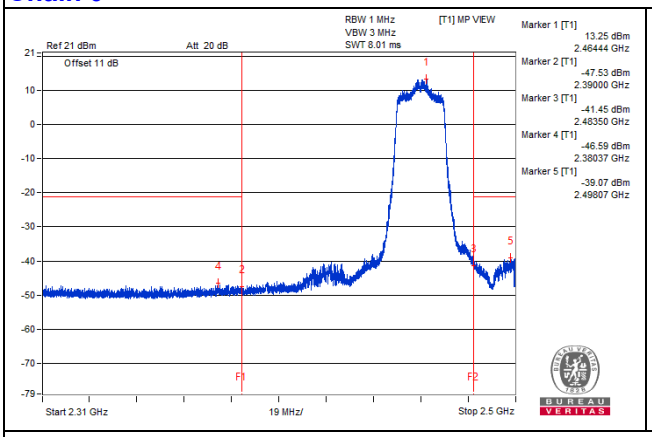
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2387.35 PK	57.68	74	-16.32	-47.48	-46.81	6.54	-37.58
2	2310.33 AV	45.02	54	-8.98	-58.74	-61.18	6.54	-50.24
3	2485.08 PK	68.95	74	-5.05	-42.58	-33.34	6.54	-26.31
4	2483.51 AV	55.24	54	*1.24	-52.99	-47.68	6.54	-40.02

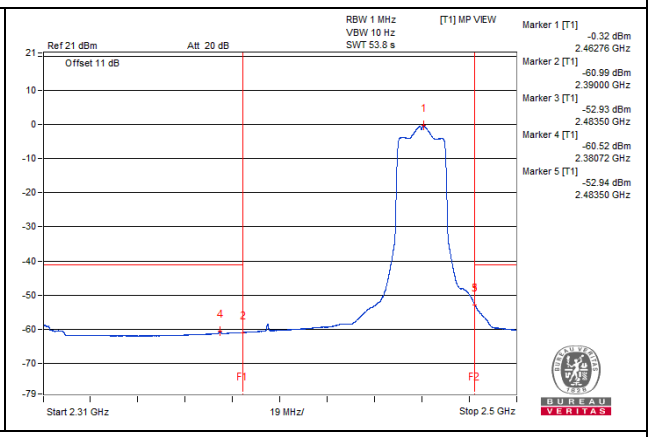
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

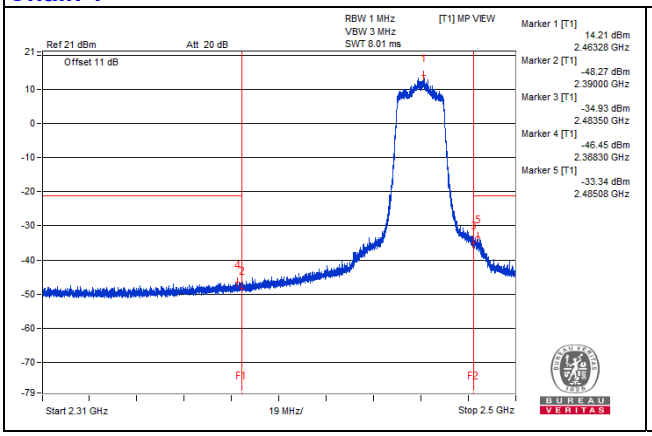
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

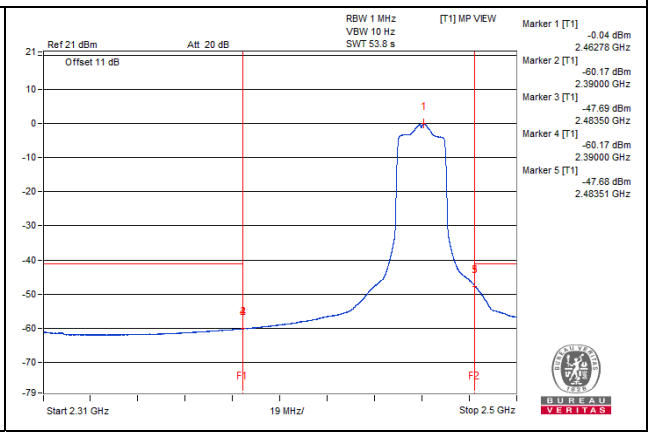
Chain 0





Chain 1





802.11ax (HE 20) - Channel 12

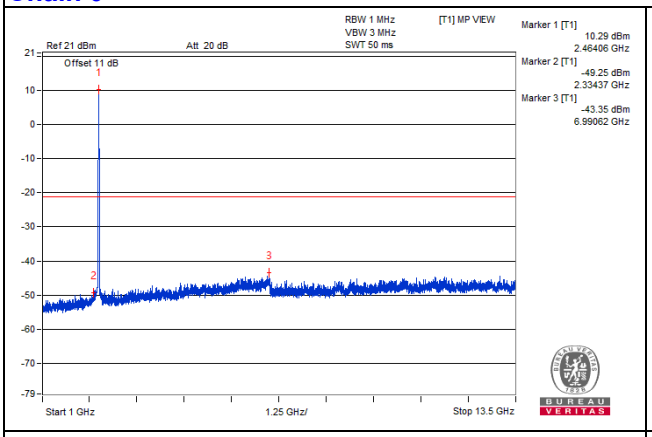
Conducted spurious emission table

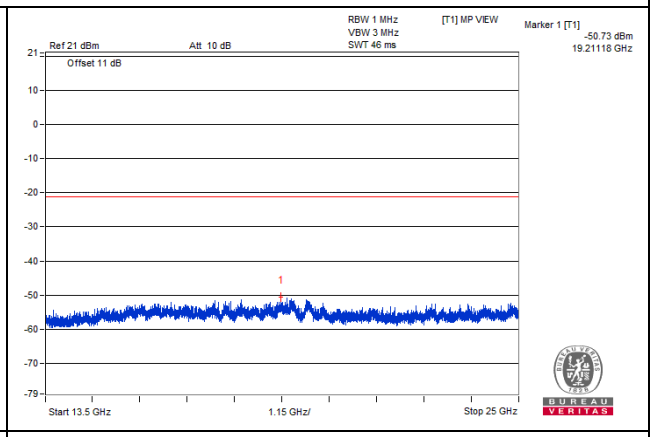
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4951.56 PK	58.95	74	-15.05	-48.49	-46.68	8.17	-36.31
2	4935.93 AV	47.5	54	-6.5	-59.04	-58.84	8.17	-47.76
3	7459.37 PK	59.47	74	-14.53	-45.72	-48.73	8.17	-35.79
4	7303.12 AV	47.47	54	-6.53	-59.04	-58.9	8.17	-47.79

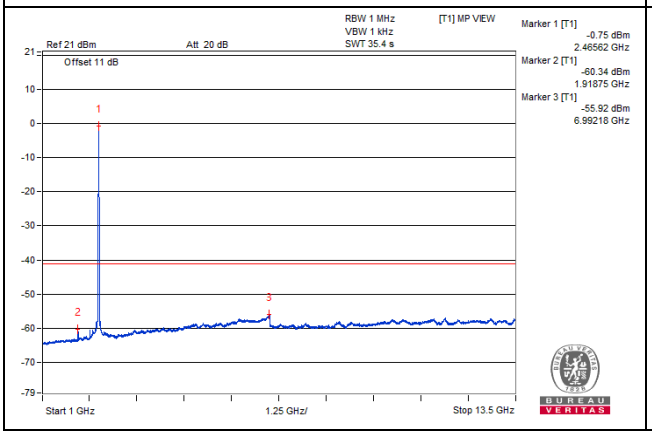
Note :

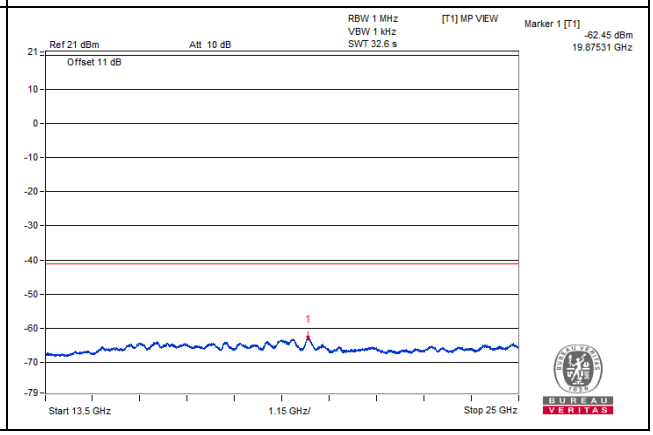
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

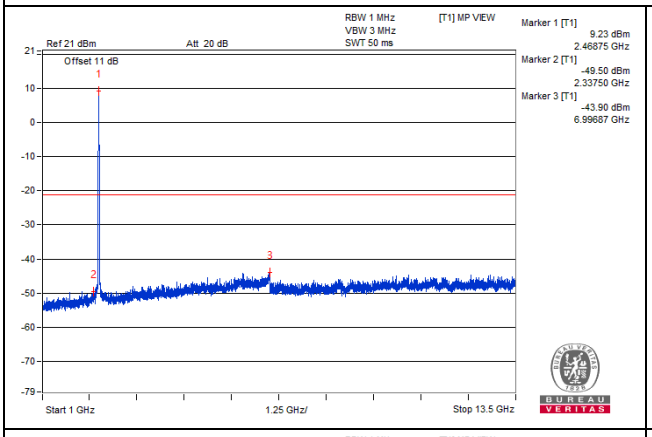


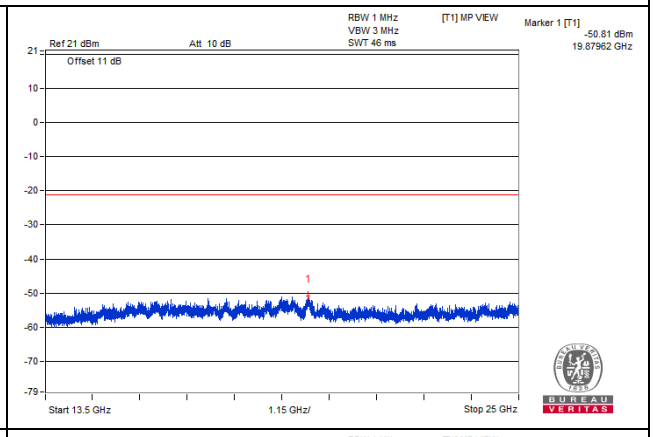


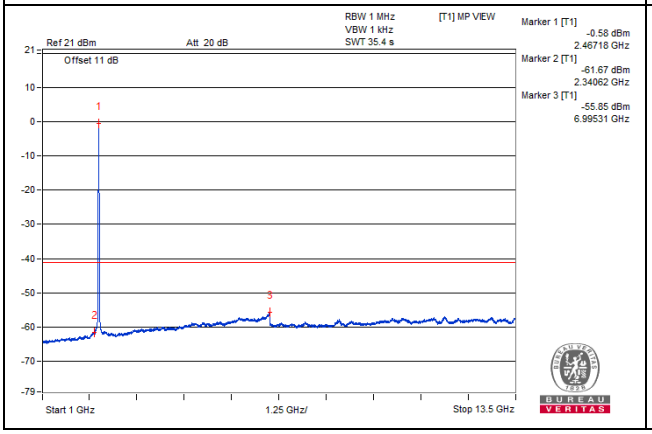


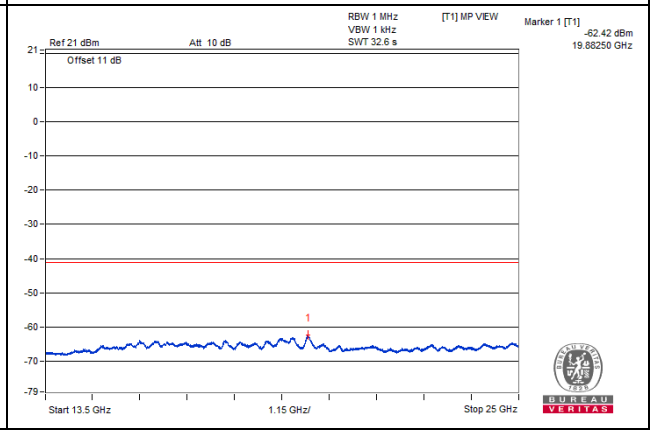


Chain 1









Bandedge table

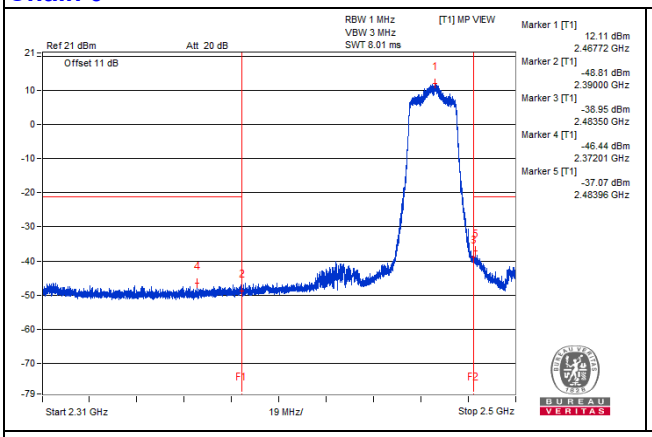
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2372.01 PK	57.27	74	-16.73	-46.44	-49.02	6.54	-37.99
2	2380.68 AV	43.58	54	-10.42	-60.7	-61.84	6.54	-51.68
3	2484.15 PK	69.16	74	-4.84	-40.15	-33.49	6.54	-26.1
4	2483.68 AV	55.98	54	*1.98	-51.44	-47.21	6.54	-39.28

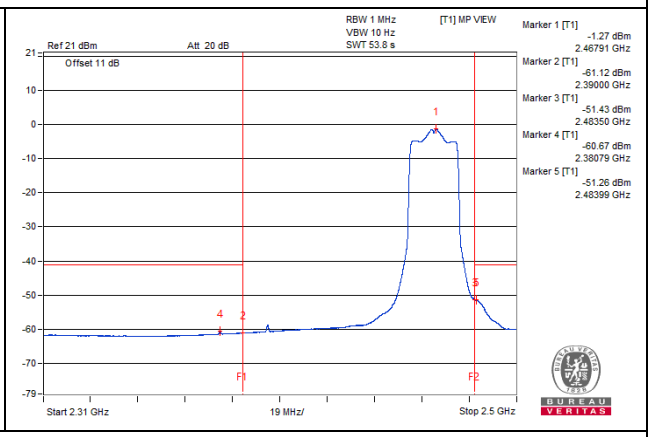
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

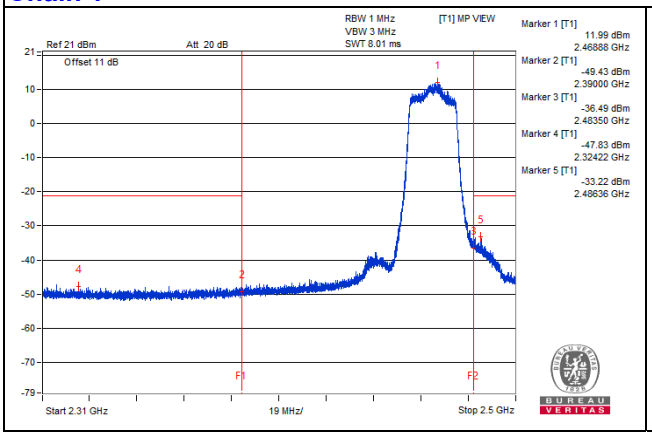
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

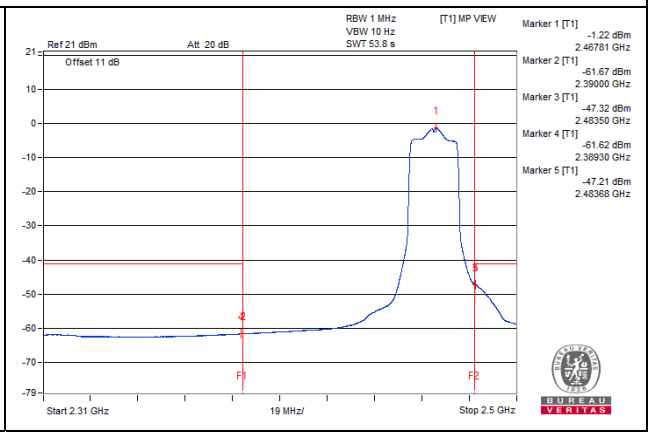
Chain 0





Chain 1





802.11ax (HE 20) - Channel 13

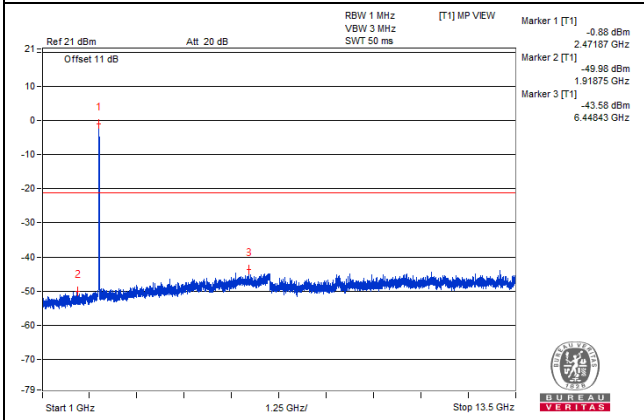
Conducted spurious emission table

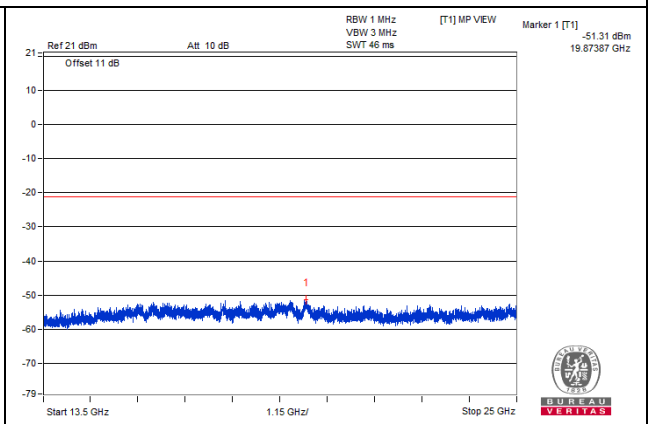
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4951.56 PK	58.87	74	-15.13	-46.53	-48.95	8.17	-36.39
2	4957.81 AV	47.37	54	-6.63	-59.08	-59.07	8.17	-47.89
3	7317.18 PK	59.86	74	-14.14	-46.87	-46.3	8.17	-35.4
4	7304.68 AV	47.48	54	-6.52	-58.91	-59.02	8.17	-47.78

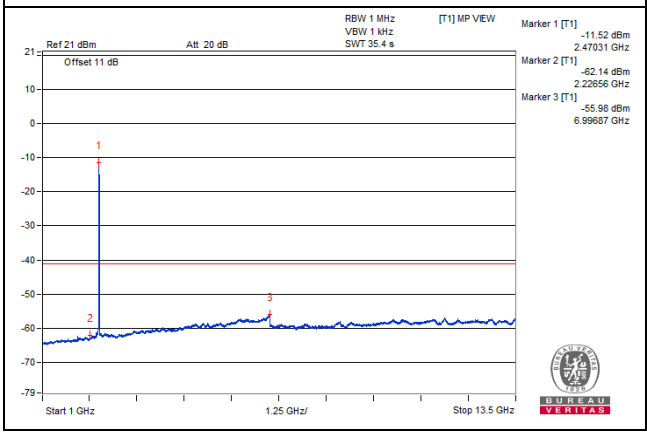
Note :

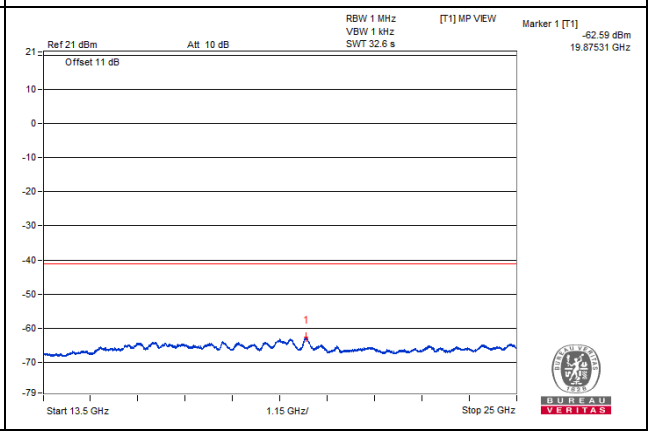
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

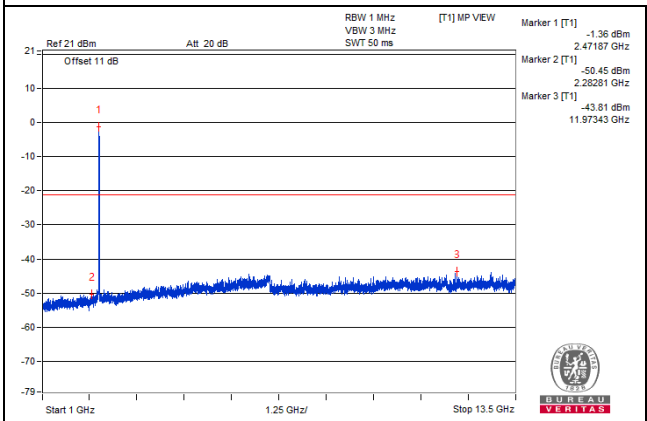


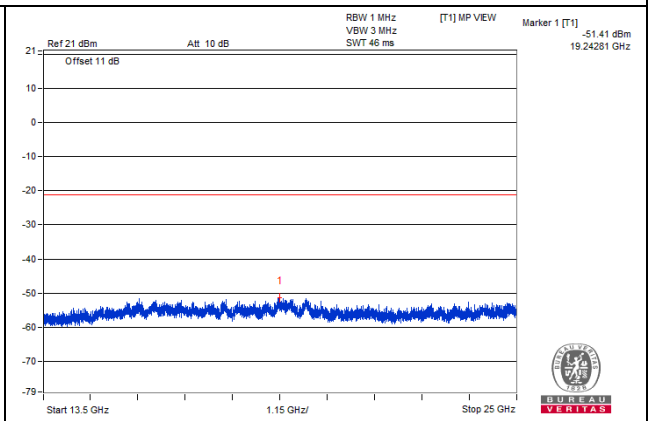


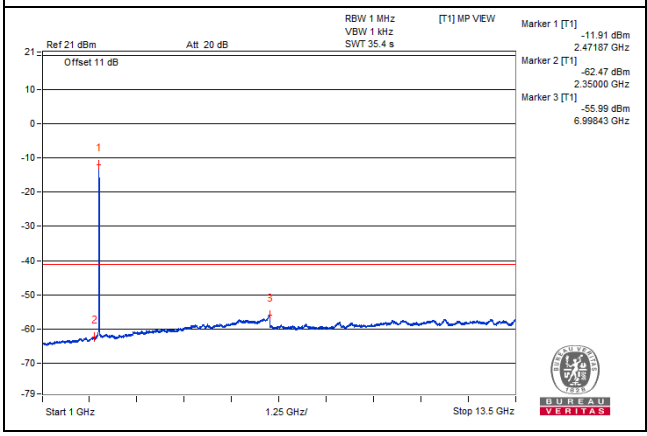


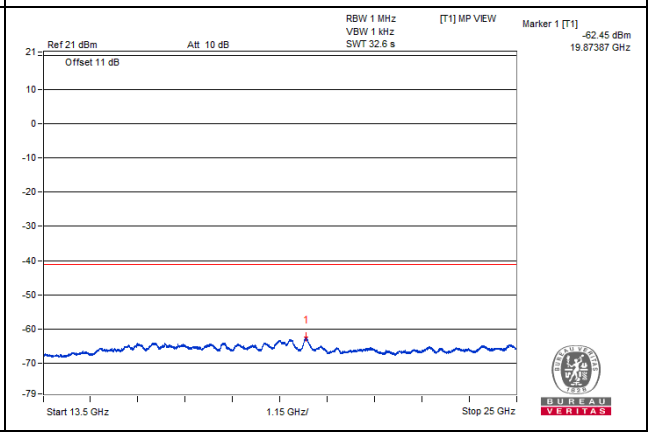


Chain 1









Bandedge table

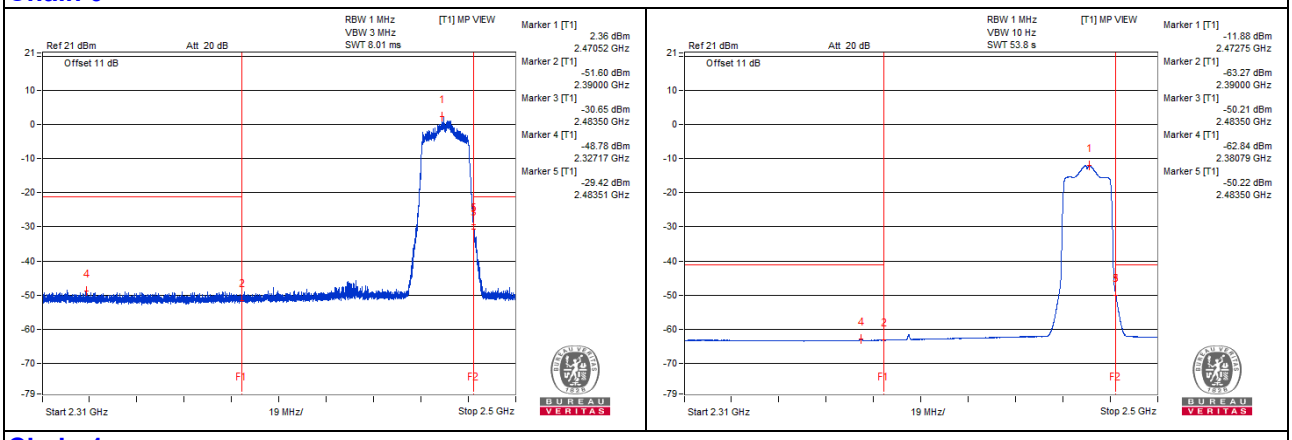
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2343.29 PK	55.28	74	-18.72	-50.42	-48.79	6.54	-39.98
2	2380.84 AV	41.76	54	-12.24	-62.87	-63.23	6.54	-53.5
3	2483.51 PK	74.48	74	*0.48	-29.42	-31.49	6.54	-20.78
4	2483.51 AV	54.44	54	*0.44	-50.27	-50.47	6.54	-40.82

Note :

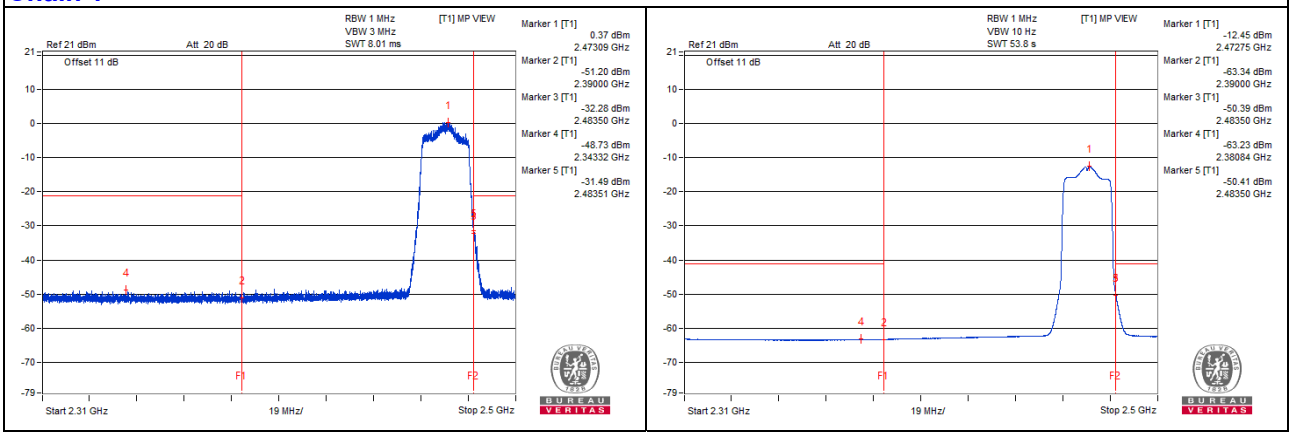
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11ax (HE 40) - Channel 3

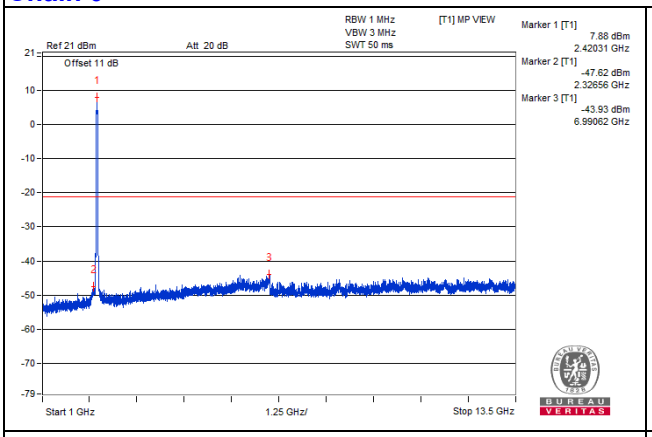
Conducted spurious emission table

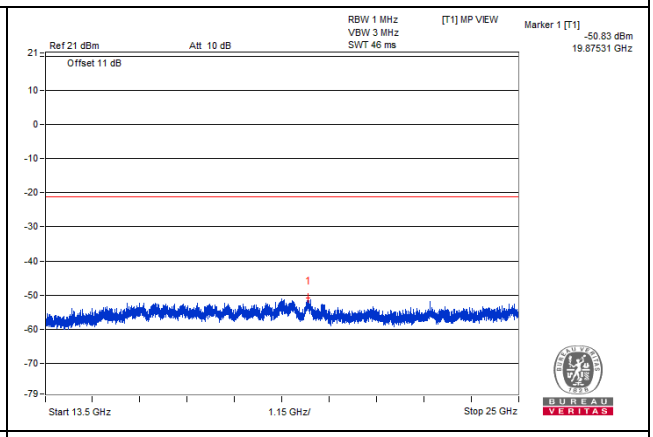
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4978.12 PK	59.02	74	-14.98	-48.05	-46.87	8.17	-36.24
2	4993.75 AV	47.36	54	-6.64	-58.94	-59.23	8.17	-47.9
3	7279.68 PK	59.38	74	-14.62	-46.43	-47.8	8.17	-35.88
4	7303.12 AV	47.44	54	-6.56	-59.06	-58.95	8.17	-47.82

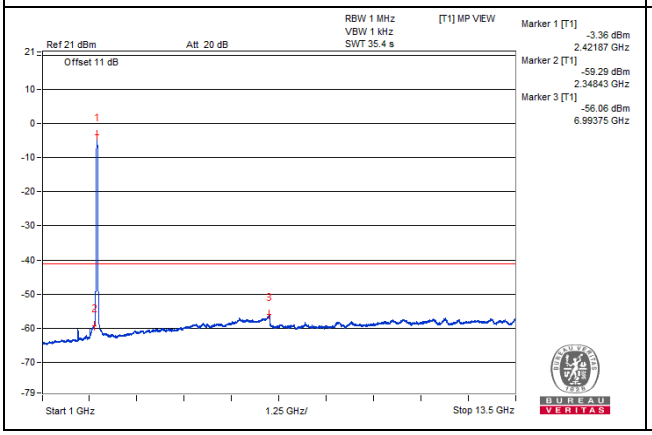
Note :

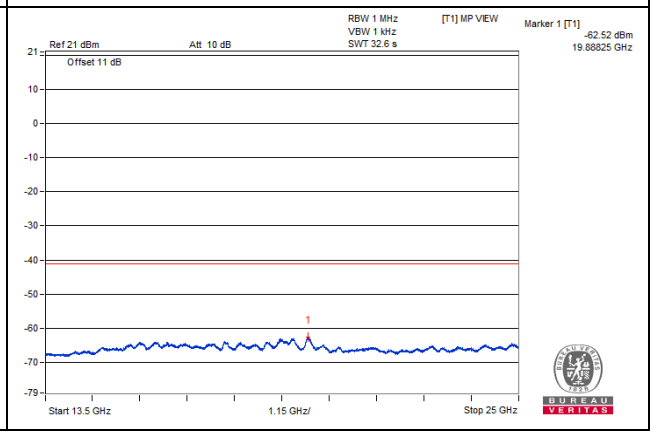
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

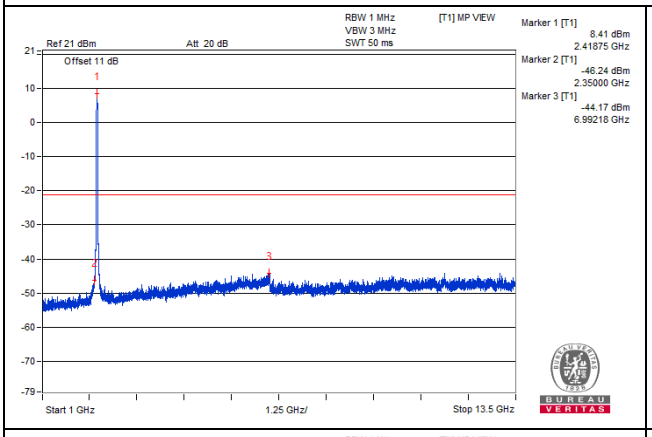


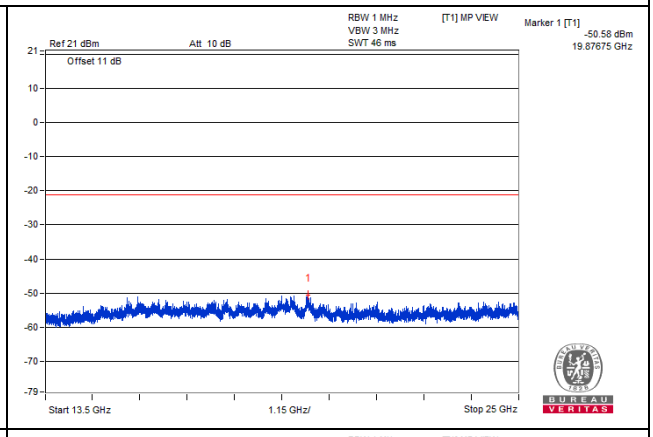


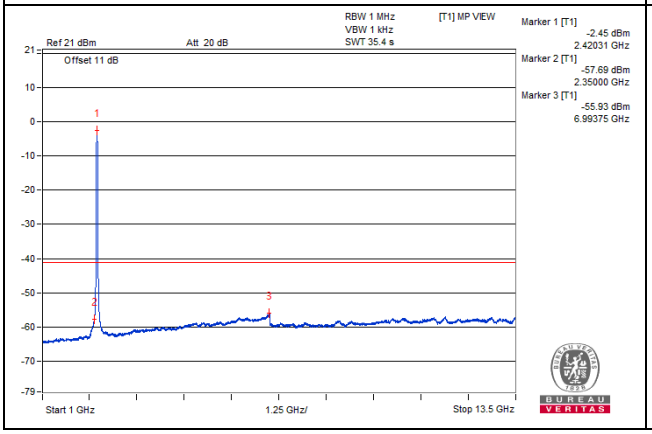


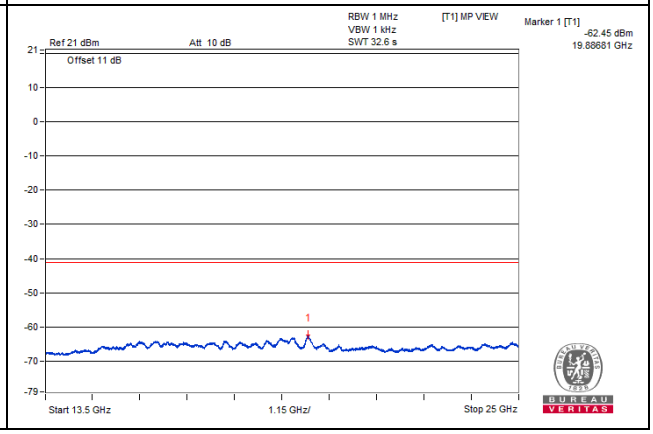


Chain 1









Bandedge table

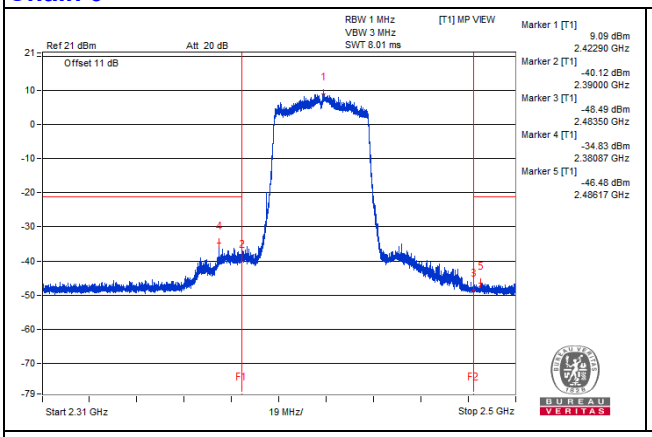
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2380.87 PK	69.18	74	-4.82	-34.83	-36.61	6.54	-26.08
2	2389.96 AV	55.93	54	*1.93	-50.03	-47.98	6.54	-39.33
3	2485.34 PK	59.98	74	-14.02	-48.91	-42.76	6.54	-35.28
4	2483.54 AV	46.34	54	-7.66	-60.52	-57.09	6.54	-48.92

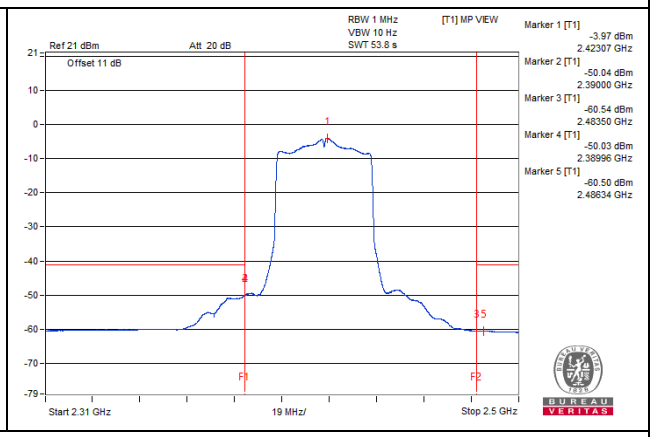
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

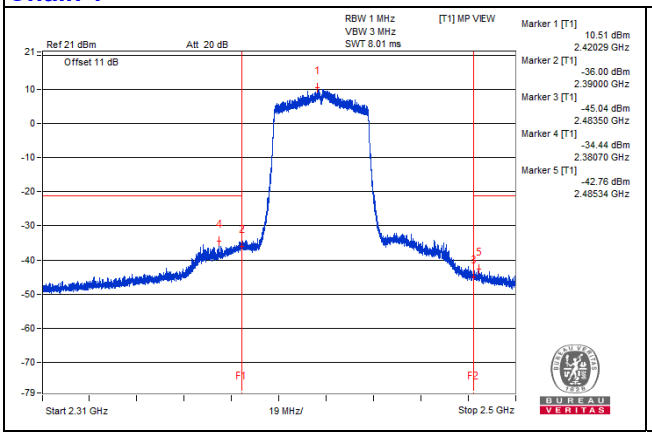
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

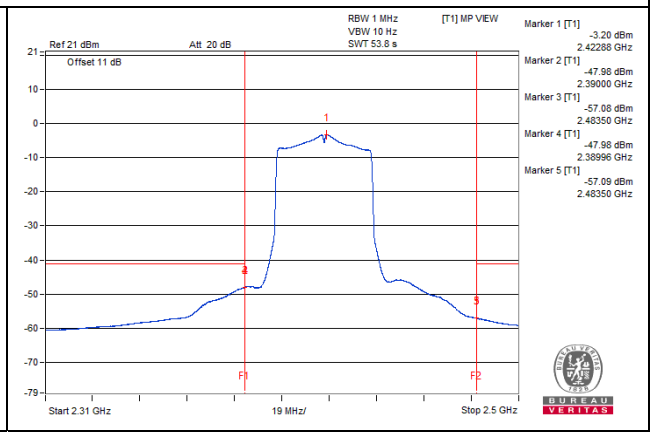
Chain 0





Chain 1





802.11ax (HE 40) - Channel 4

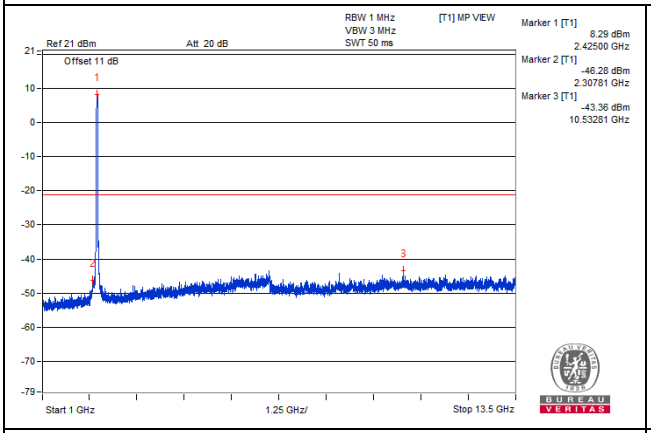
Conducted spurious emission table

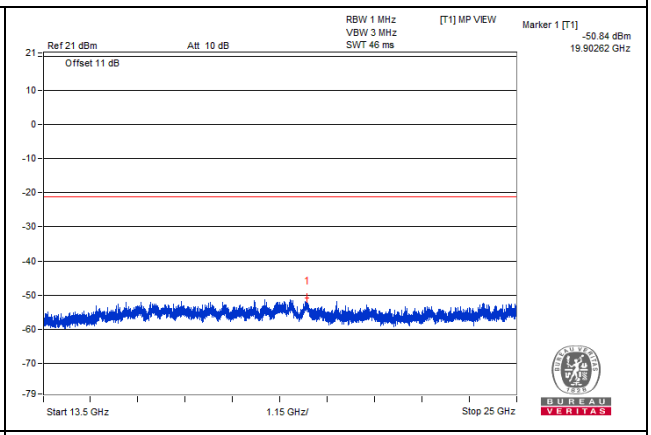
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4971.87 PK	58.78	74	-15.22	-47.78	-47.54	8.17	-36.48
2	4989.06 AV	47.32	54	-6.68	-59.11	-59.14	8.17	-47.94
3	7434.37 PK	59.17	74	-14.83	-47.67	-46.91	8.17	-36.09
4	7281.25 AV	47.45	54	-6.55	-59.2	-58.79	8.17	-47.81

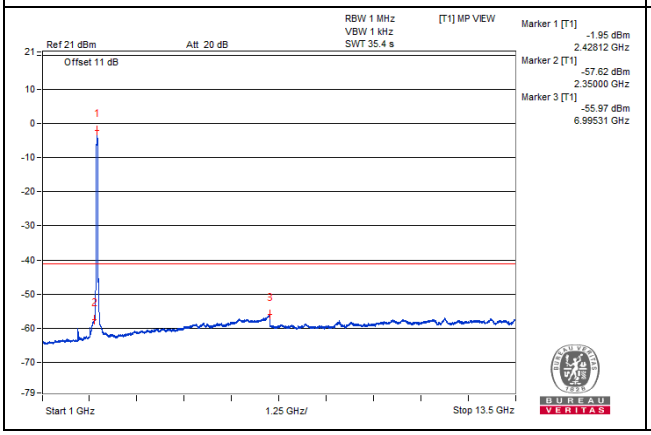
Note :

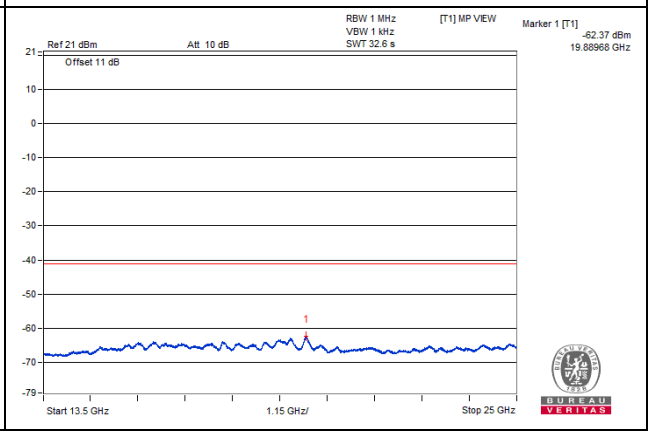
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

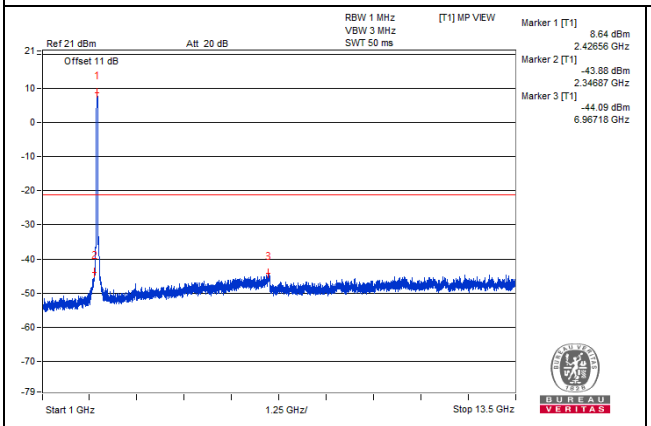


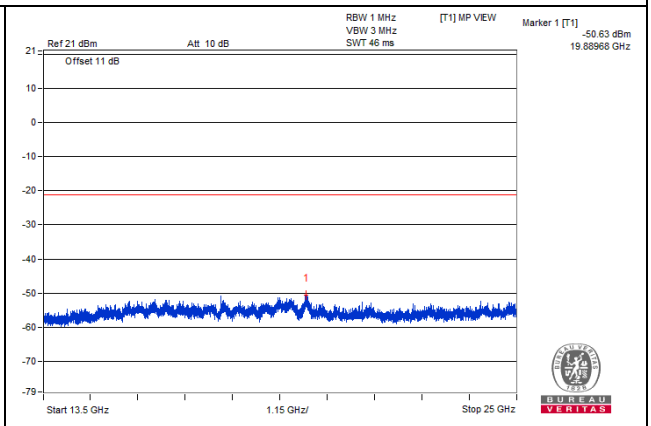


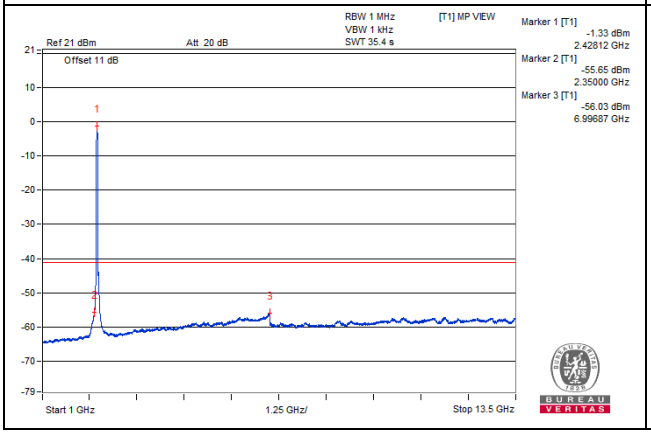


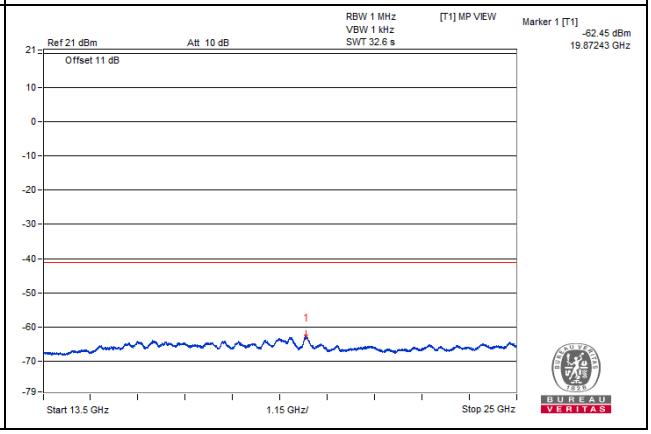


Chain 1









Bandedge table

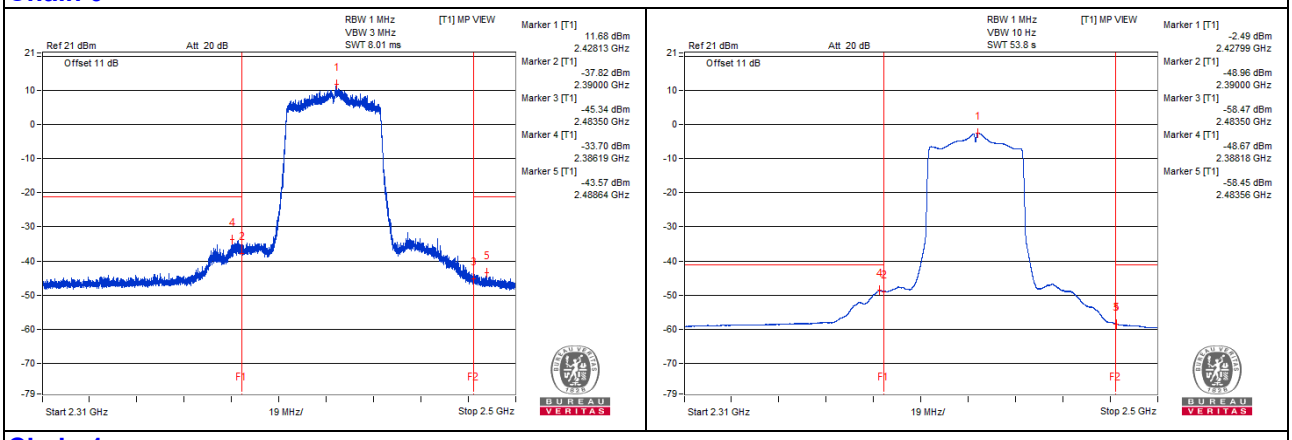
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2386.19 PK	70.54	74	-3.46	-33.7	-34.93	6.54	-24.72
2	2389.75 AV	56.56	54	*2.56	-48.83	-47.74	6.54	-38.7
3	2485.51 PK	62.44	74	-11.56	-45.22	-40.66	6.54	-32.82
4	2483.51 AV	48.66	54	-5.34	-58.46	-54.65	6.54	-46.6

Note :

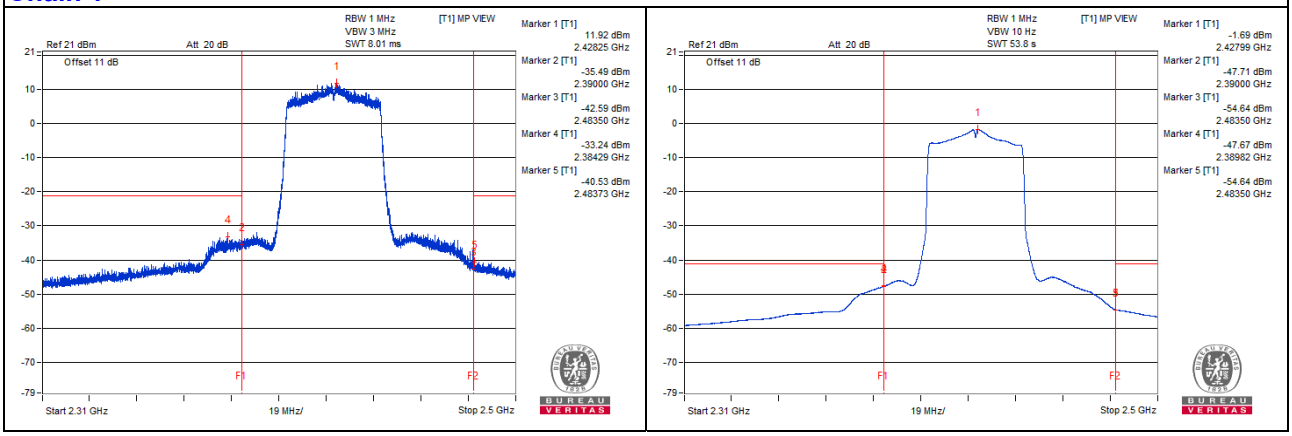
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



802.11ax (HE 40) - Channel 6

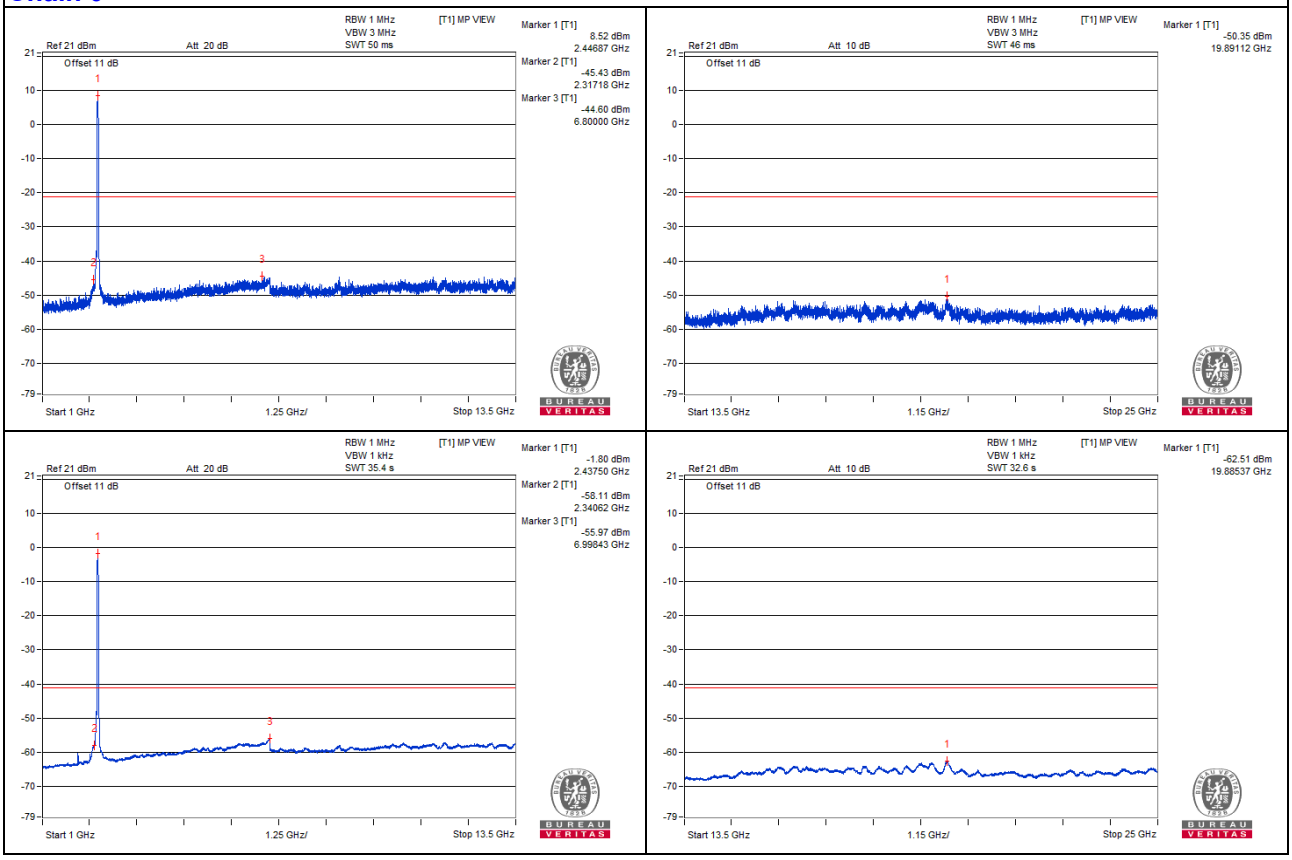
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4935.93 PK	58.88	74	-15.12	-47.76	-47.36	8.17	-36.38
2	4960.93 AV	47.41	54	-6.59	-59.01	-59.06	8.17	-47.85
3	7318.75 PK	59.25	74	-14.75	-46.33	-48.27	8.17	-36.01
4	7296.87 AV	47.52	54	-6.48	-59.13	-58.72	8.17	-47.74

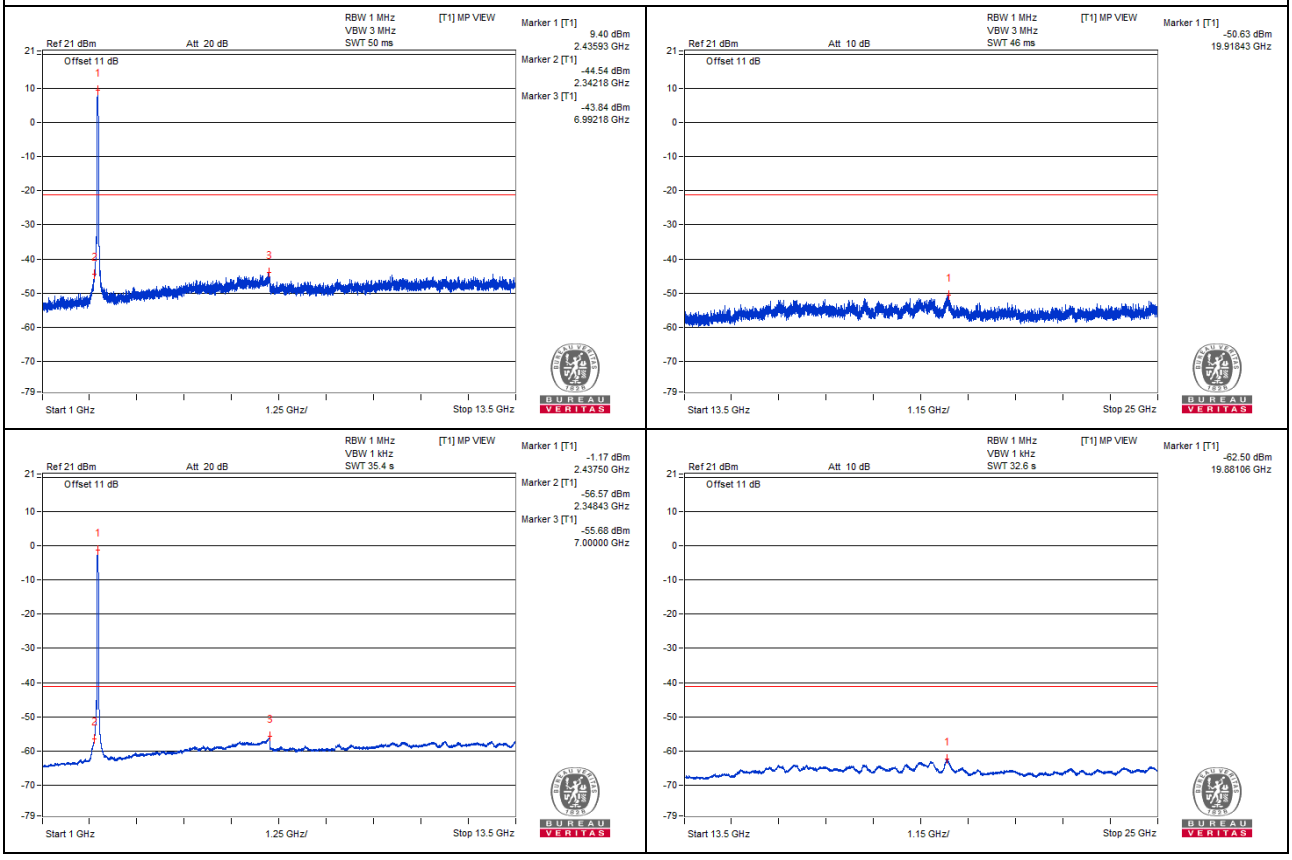
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1

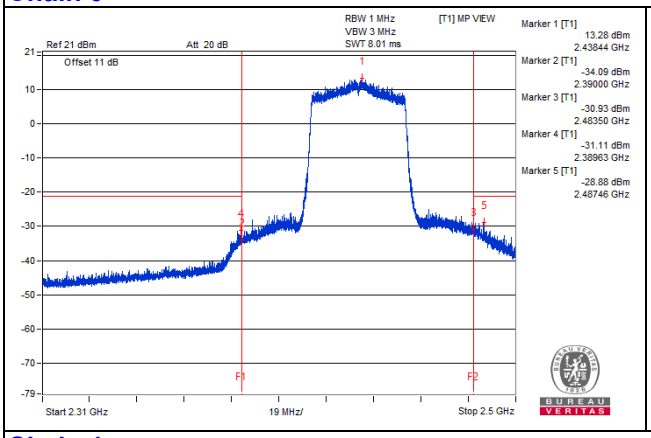


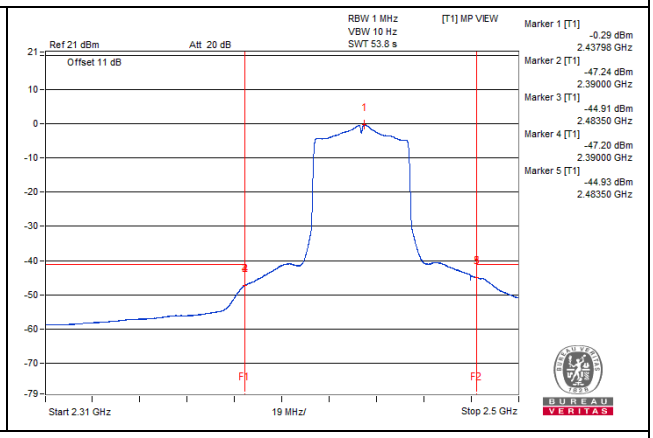
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.23 PK	74.18	74	*0.18	-34.39	-28.65	6.54	-21.08
2	2389.96 AV	57.89	54	*3.89	-47.24	-46.63	6.54	-37.37
3	2485.51 PK	73.32	74	-0.68	-29.22	-36.53	6.54	-21.94
4	2483.58 AV	57.96	54	*3.96	-44.97	-50.25	6.54	-37.3

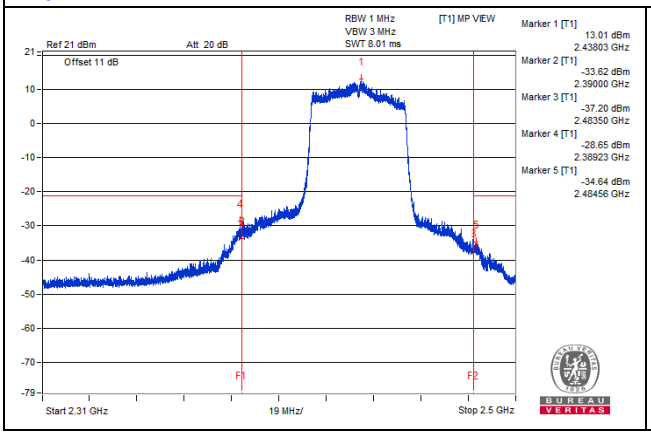
Note :
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

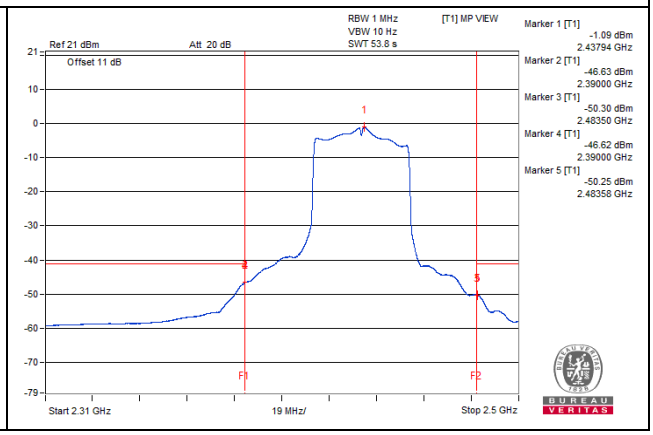
Chain 0





Chain 1





802.11ax (HE 40) - Channel 8

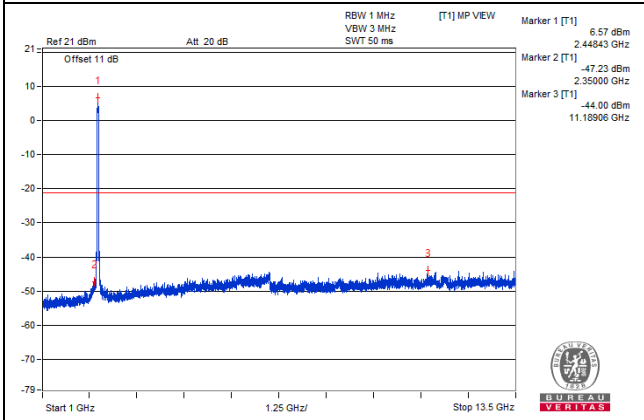
Conducted spurious emission table

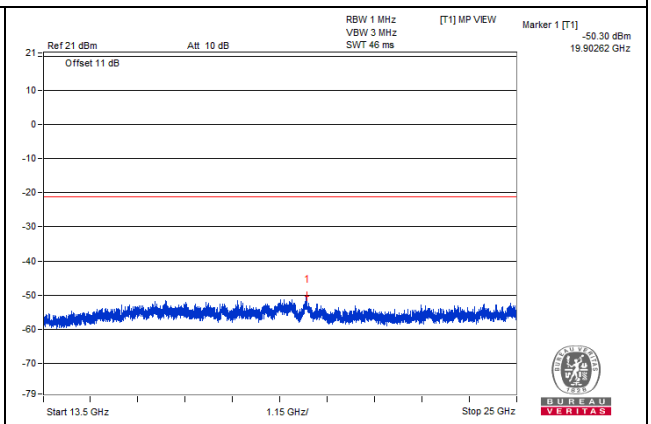
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4820.31 PK	59.22	74	-14.78	-46.21	-48.55	8.17	-36.04
2	4985.93 AV	47.45	54	-6.55	-59	-58.98	8.17	-47.81
3	7321.87 PK	59.43	74	-14.57	-45.91	-48.5	8.17	-35.83
4	7296.87 AV	47.51	54	-6.49	-59.08	-58.78	8.17	-47.75

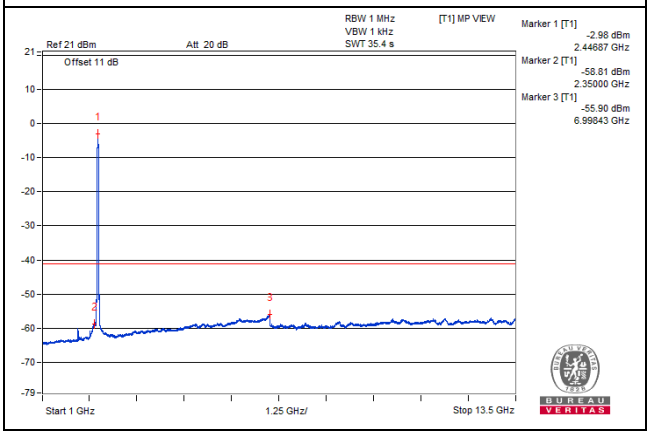
Note :

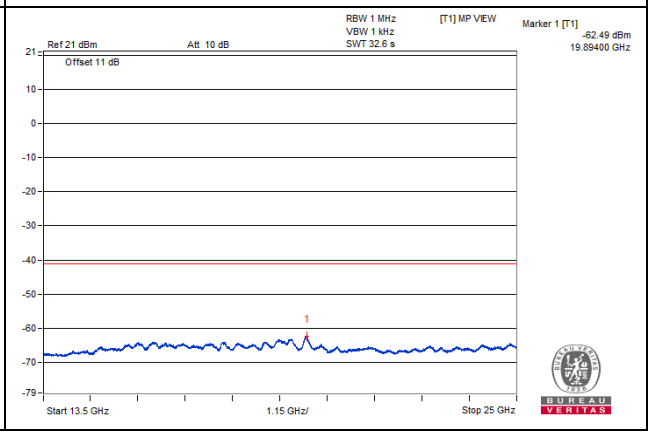
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

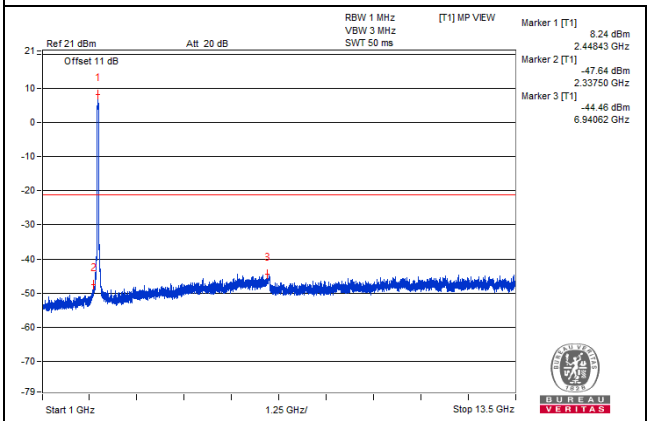


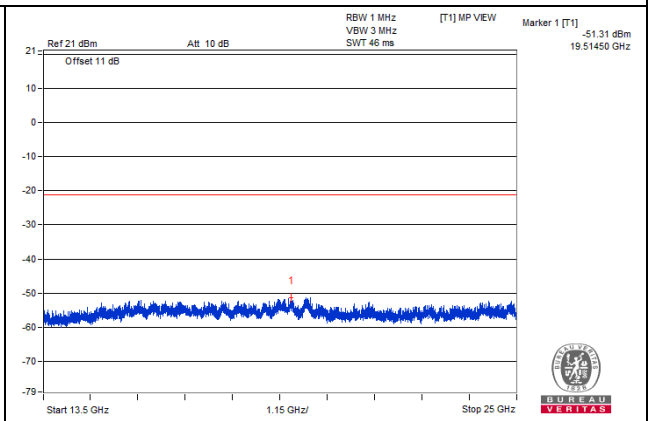


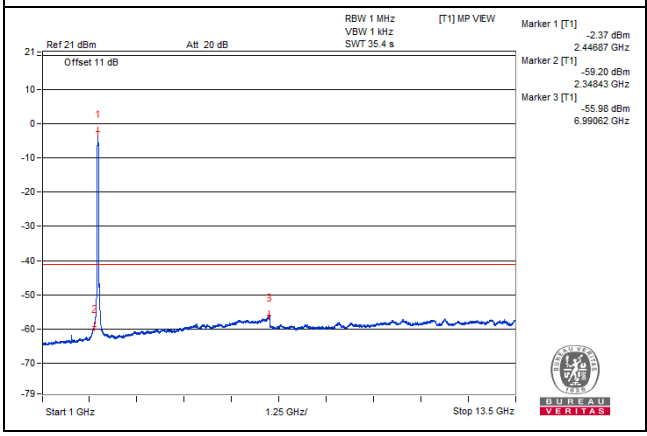


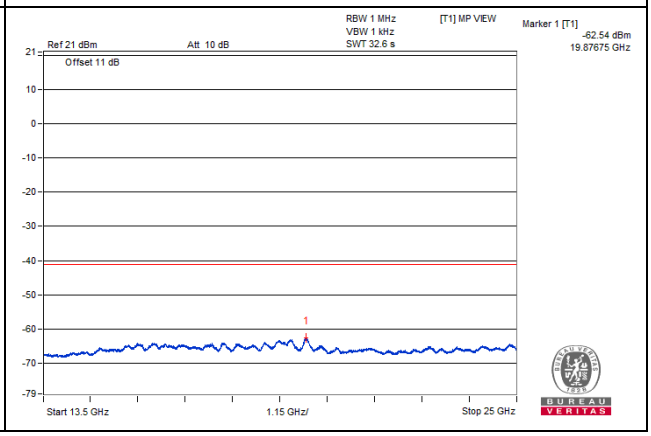


Chain 1









Bandedge table

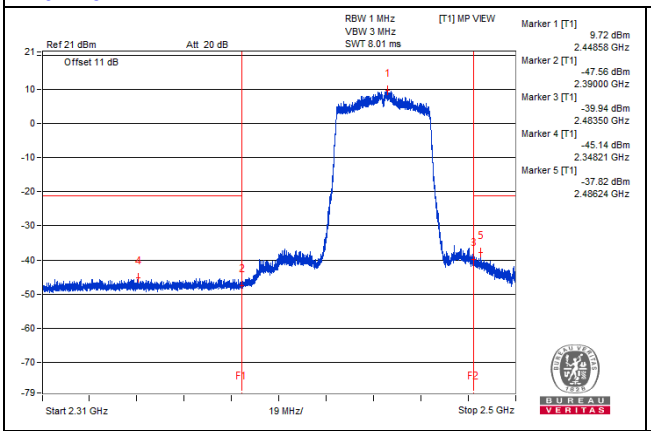
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2384.4 PK	60.35	74	-13.65	-46.24	-43.2	6.54	-34.91
2	2389.99 AV	46.9	54	-7.1	-59.44	-56.78	6.54	-48.36
3	2485.37 PK	67.42	74	-6.58	-40.95	-35.46	6.54	-27.84
4	2483.66 AV	54.29	54	*0.29	-52.92	-48.99	6.54	-40.97

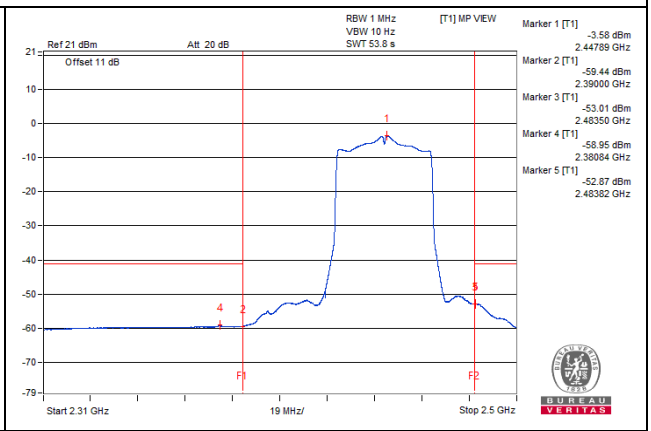
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

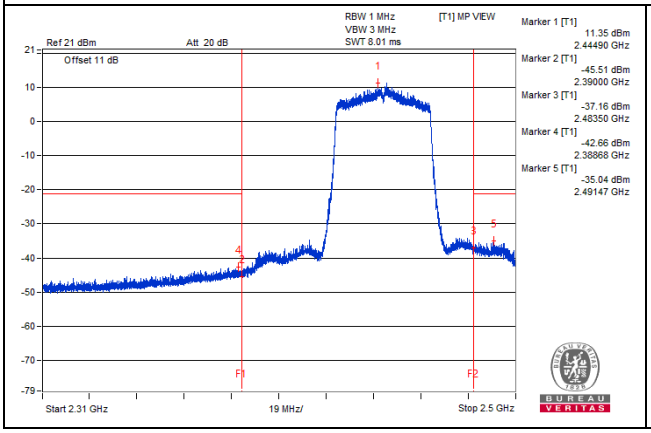
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

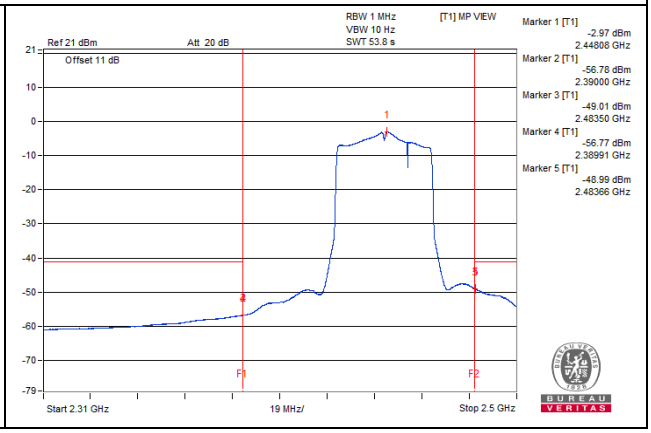
Chain 0





Chain 1





802.11ax (HE 40) - Channel 9

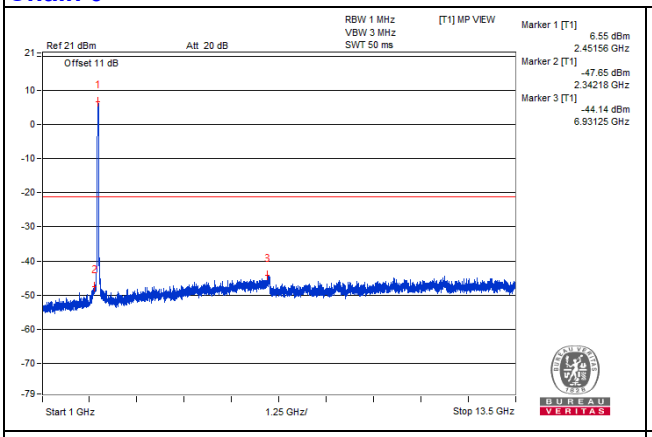
Conducted spurious emission table

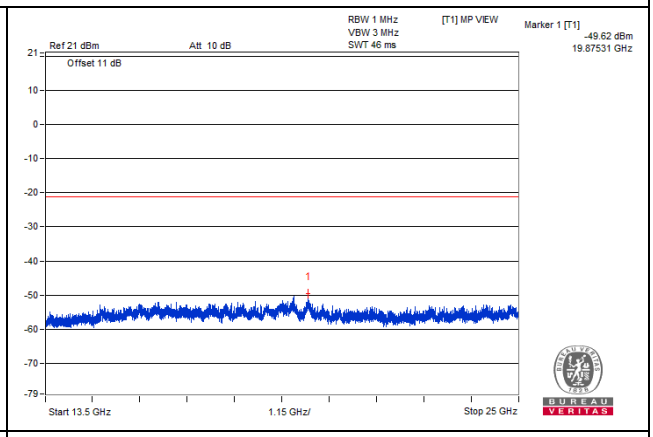
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4957.81 PK	59.24	74	-14.76	-47.06	-47.34	8.17	-36.02
2	4954.68 AV	47.4	54	-6.6	-59.05	-59.03	8.17	-47.86
3	7321.87 PK	58.97	74	-15.03	-48.06	-46.95	8.17	-36.29
4	7306.25 AV	47.53	54	-6.47	-59.13	-58.71	8.17	-47.73

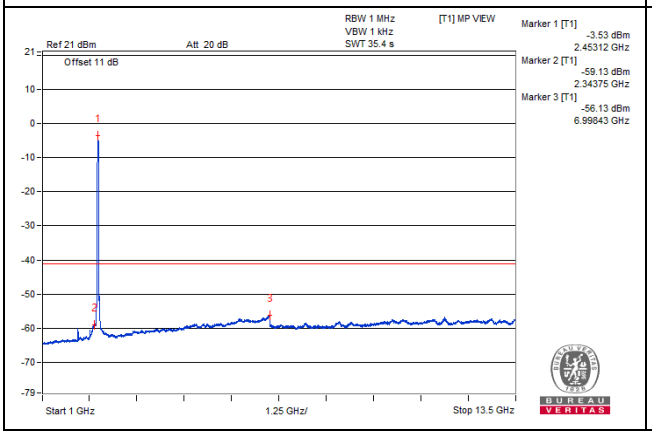
Note :

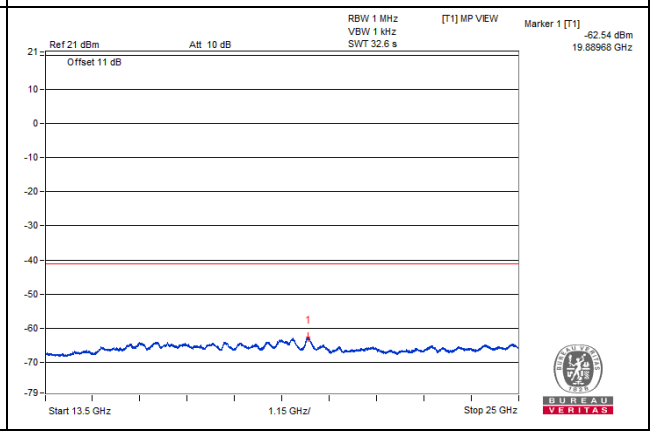
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

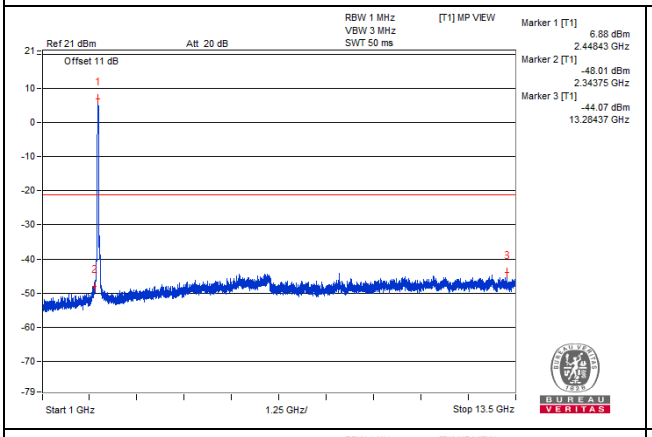


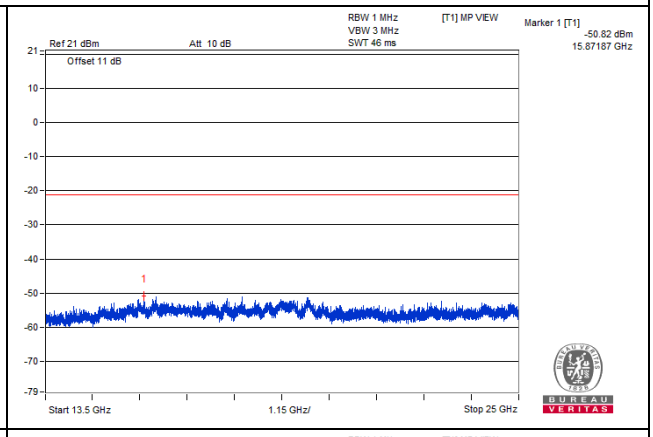


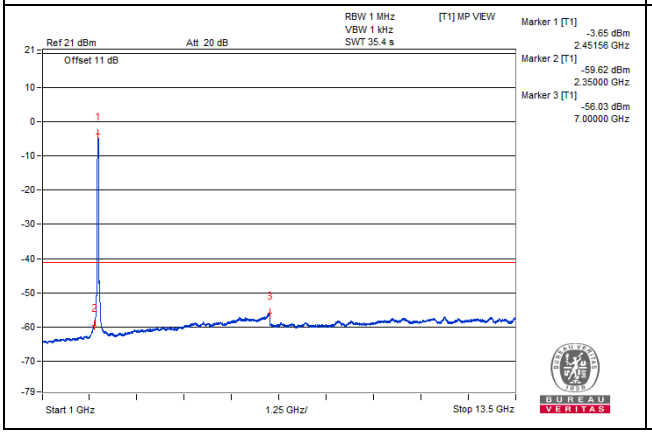


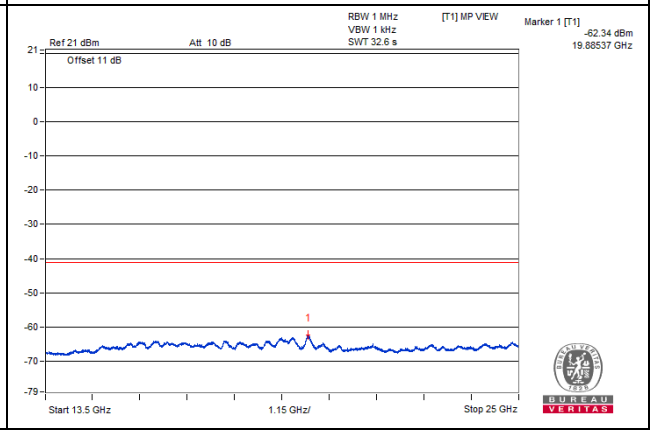


Chain 1









Bandedge table

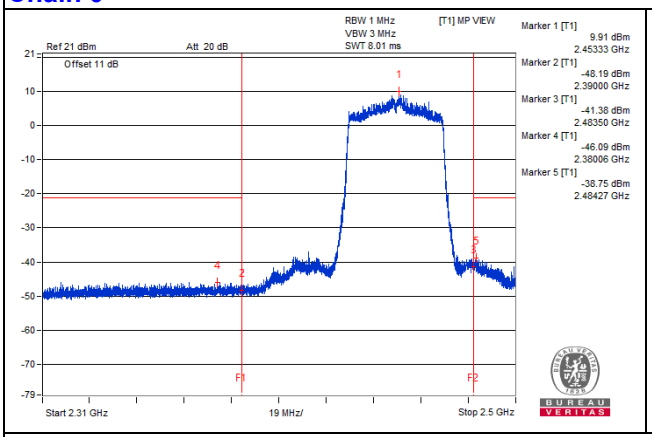
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.13 PK	59.42	74	-14.58	-48.56	-43.58	6.54	-35.84
2	2389.87 AV	46.44	54	-7.56	-59.66	-57.37	6.54	-48.82
3	2484.27 PK	68.72	74	-5.28	-38.75	-34.45	6.54	-26.54
4	2483.66 AV	55.6	54	*1.6	-52.35	-47.41	6.54	-39.66

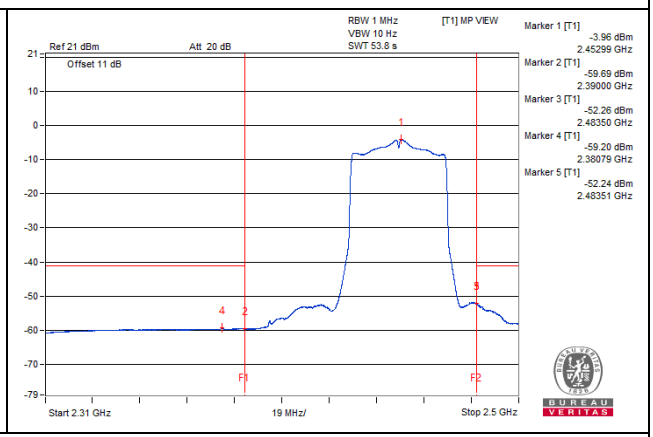
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

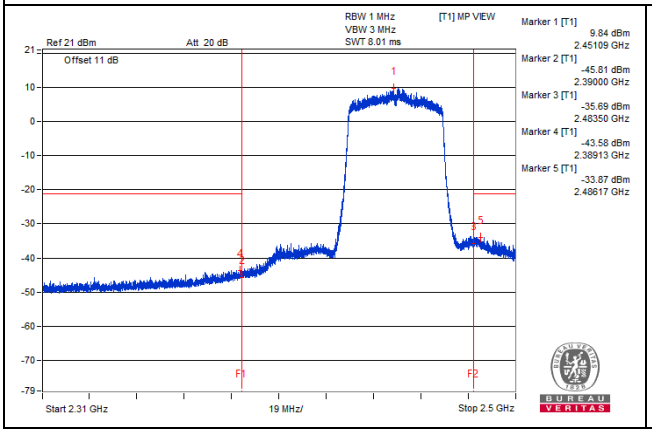
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

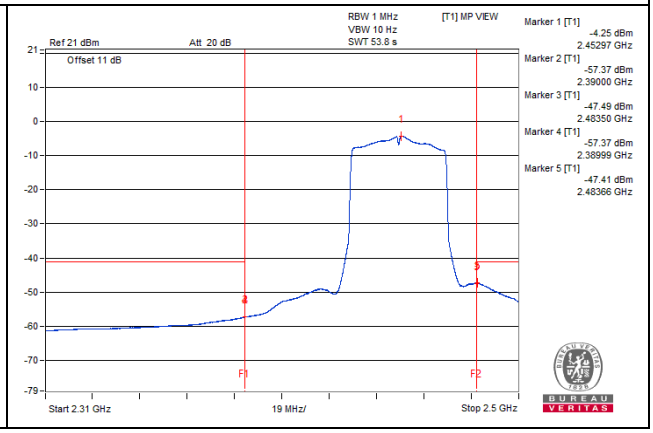
Chain 0





Chain 1





802.11ax (HE 40) - Channel 10

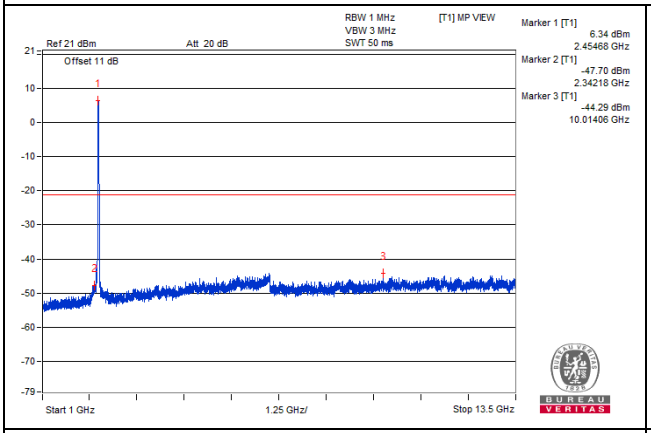
Conducted spurious emission table

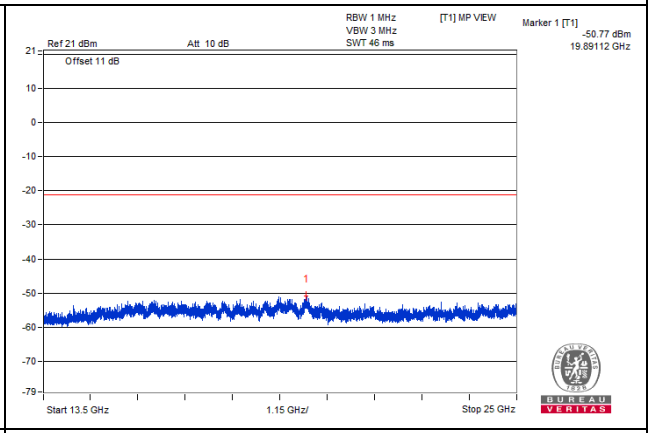
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4884.37 PK	59.49	74	-14.51	-47.27	-46.65	8.17	-35.77
2	4989.06 AV	47.32	54	-6.68	-59.19	-59.06	8.17	-47.94
3	7273.43 PK	59.29	74	-14.71	-47.24	-47.07	8.17	-35.97
4	7303.12 AV	47.43	54	-6.57	-59.04	-58.99	8.17	-47.83

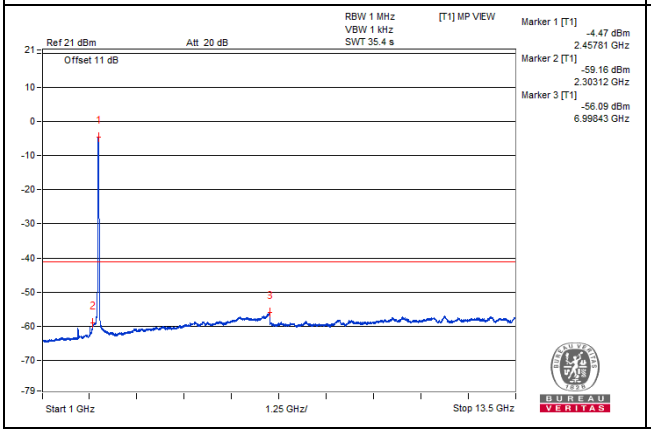
Note :

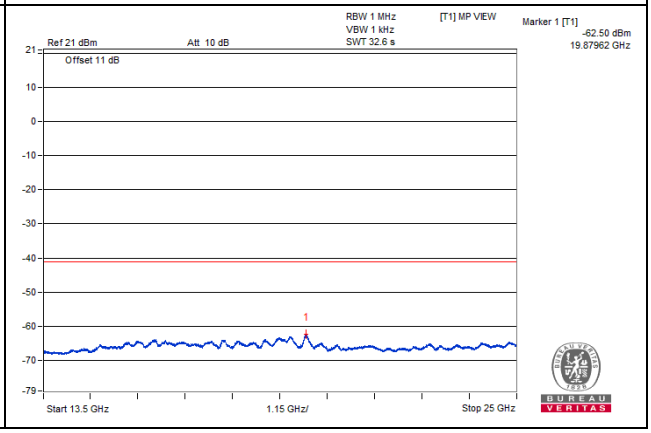
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0

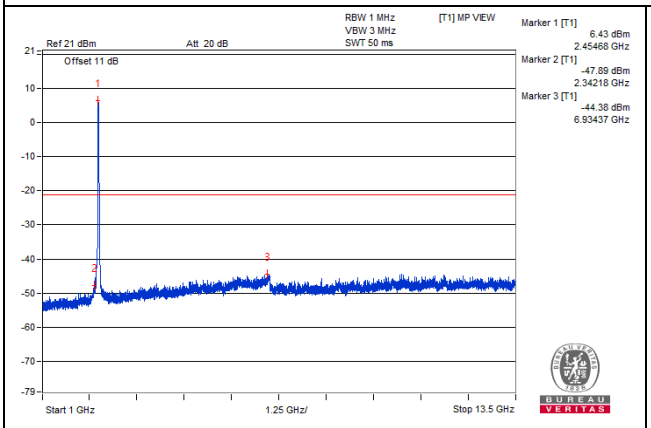


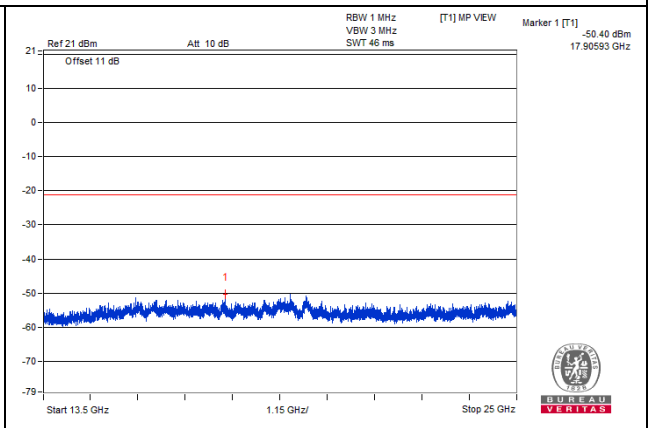


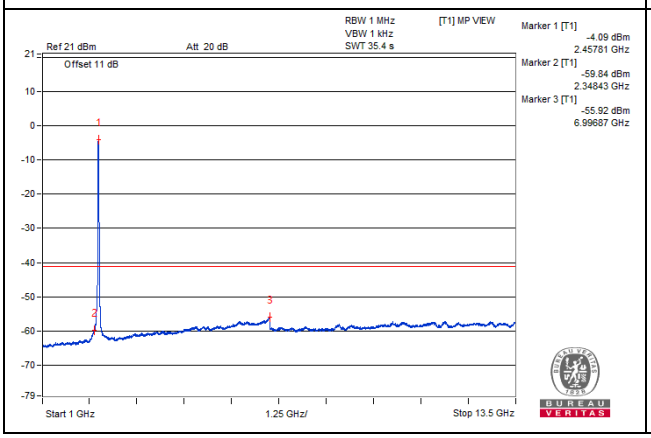


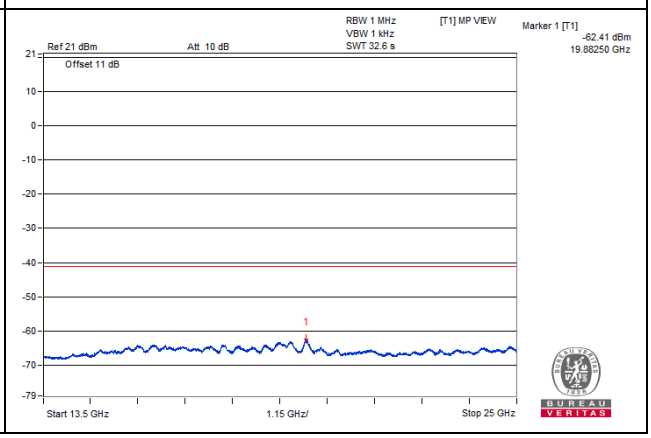


Chain 1









Bandedge table

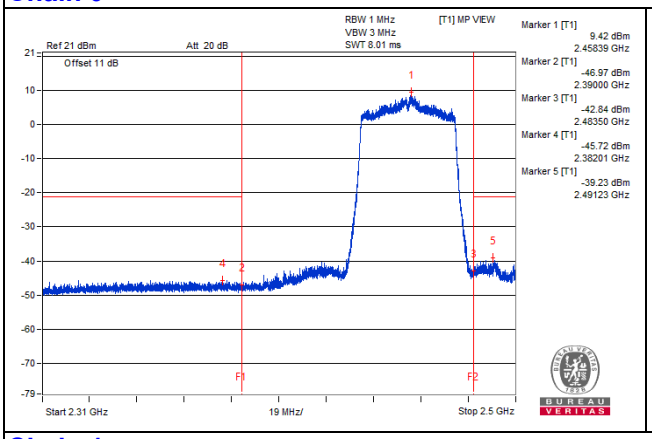
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2383.74 PK	59.28	74	-14.72	-46.94	-44.46	6.54	-35.98
2	2389.68 AV	45.61	54	-8.39	-59.79	-58.68	6.54	-49.65
3	2489.71 PK	66.81	74	-7.19	-44.21	-35.54	6.54	-28.45
4	2487.19 AV	54.13	54	*0.13	-54.12	-48.78	6.54	-41.13

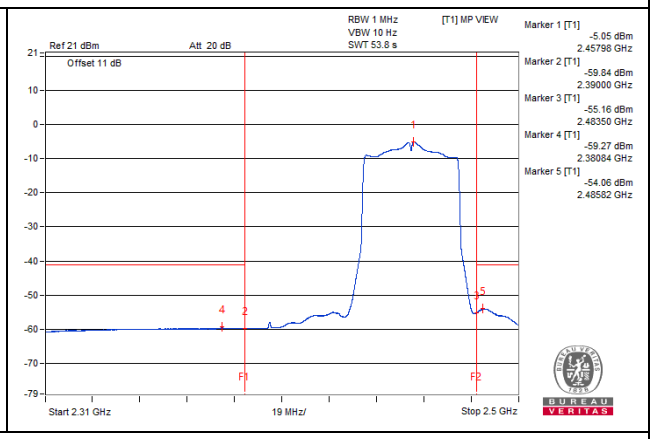
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

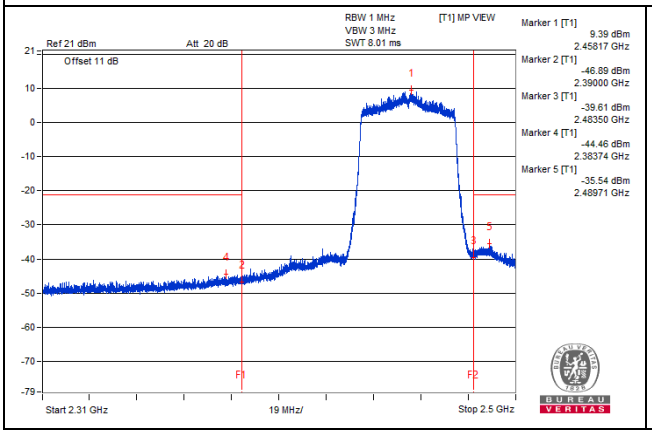
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

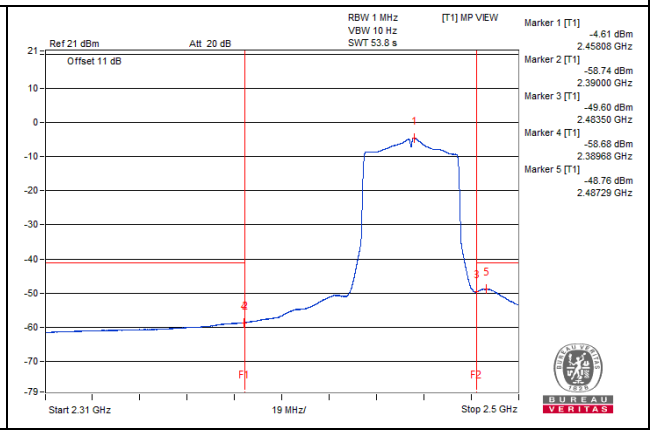
Chain 0





Chain 1





802.11ax (HE 40) - Channel 11

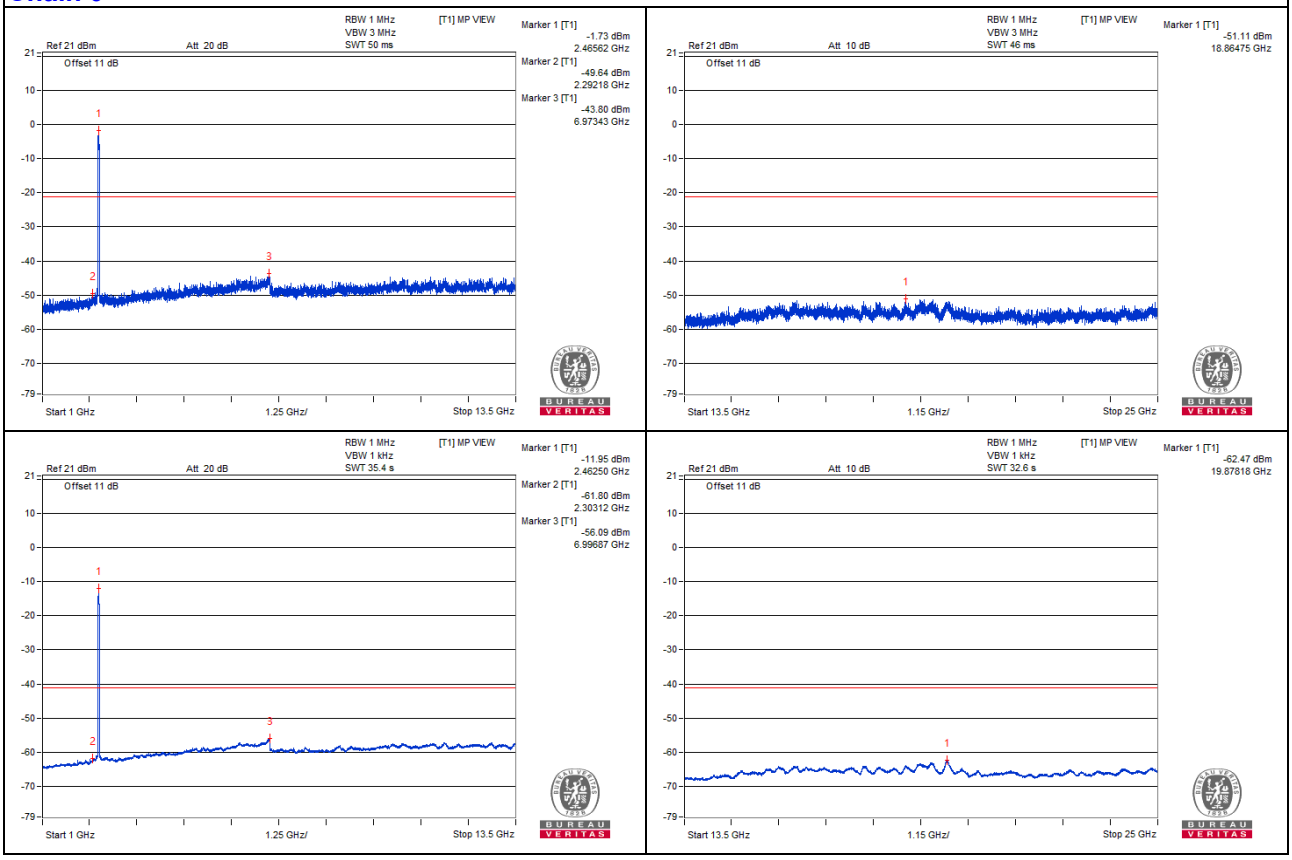
Conducted spurious emission table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4940.62 PK	58.96	74	-15.04	-47.19	-47.8	8.17	-36.3
2	4964.06 AV	47.37	54	-6.63	-58.87	-59.27	8.17	-47.89
3	7285.93 PK	59.19	74	-14.81	-49.43	-45.81	8.17	-36.07
4	7304.68 AV	47.47	54	-6.53	-58.94	-59	8.17	-47.79

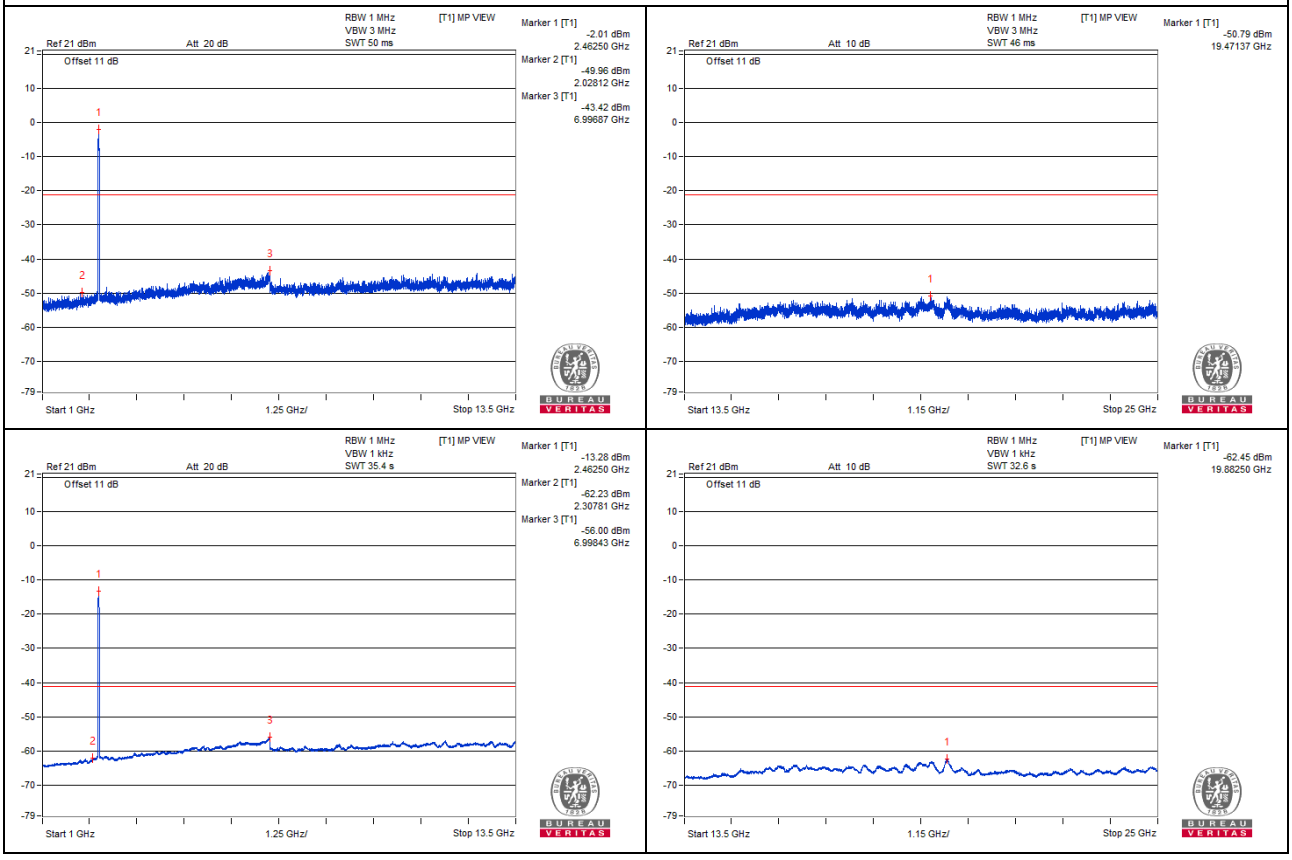
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

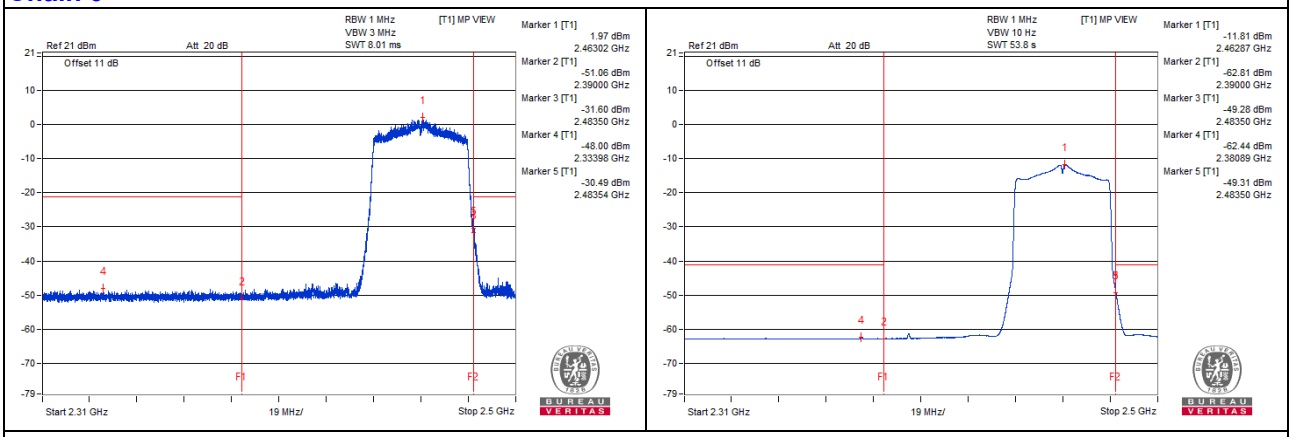
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2314.44 PK	55.63	74	-18.37	-48.75	-49.65	6.54	-39.63
2	2380.91 AV	42.1	54	-11.9	-62.45	-62.98	6.54	-53.16
3	2483.54 PK	72.29	74	-1.71	-30.49	-36.47	6.54	-22.97
4	2483.51 AV	54.86	54	*0.86	-49.42	-50.56	6.54	-40.4

Note :

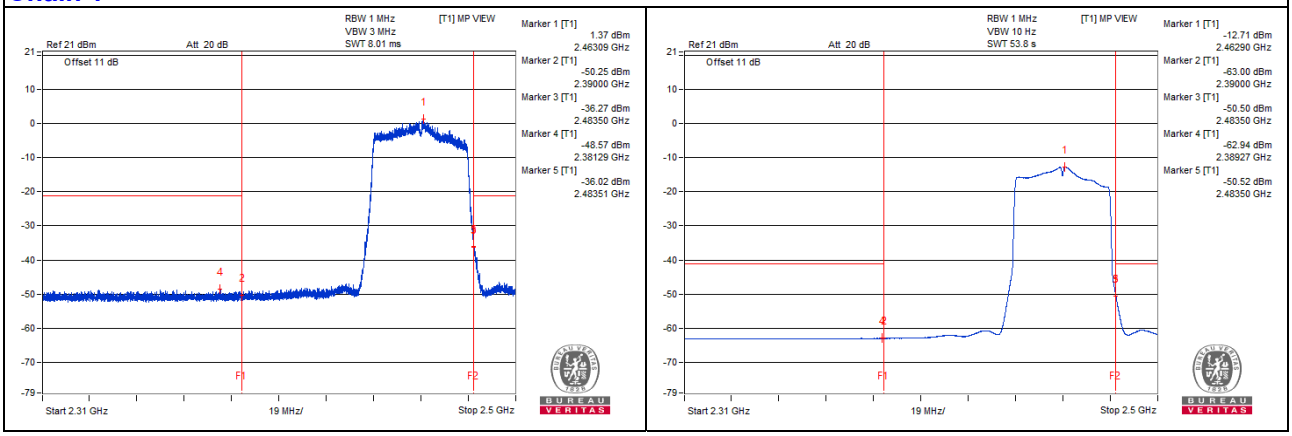
1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

Chain 0



Chain 1



20MHz Preamble

RU26

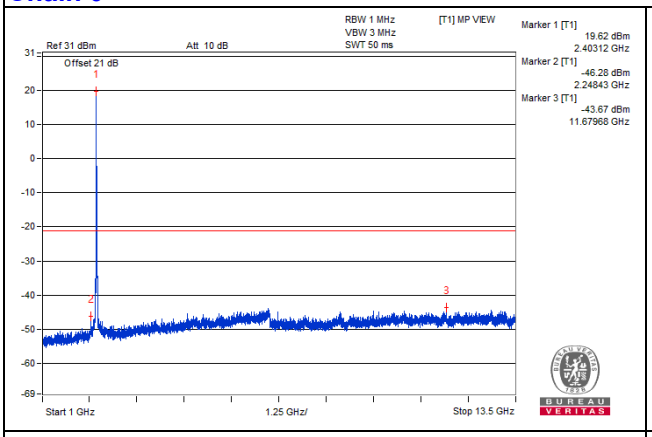
Channel 1

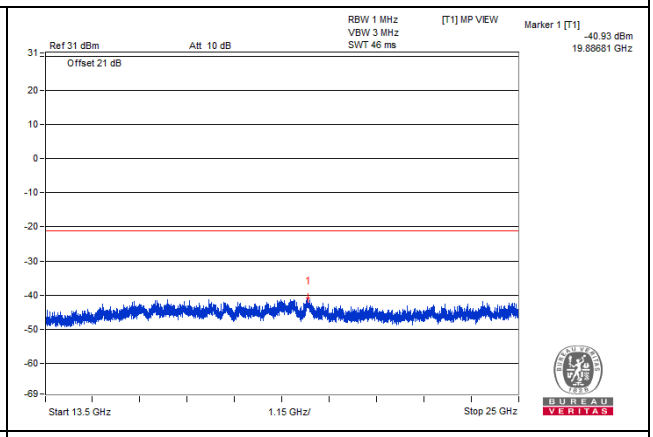
Conducted spurious emission table

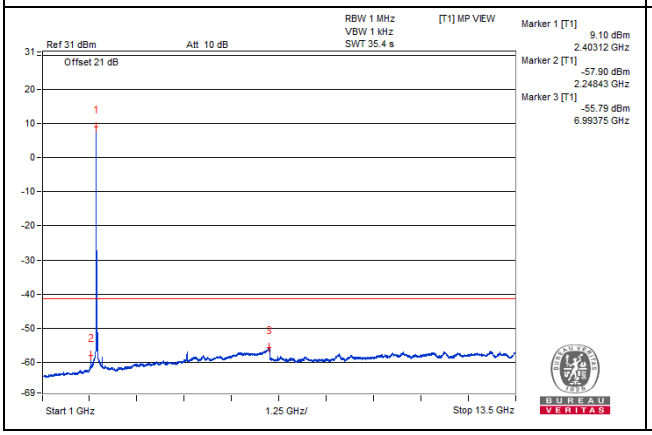
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4915.62 PK	58.86	74	-15.14	-47.28	-47.9	8.17	-36.4
2	4937.5 AV	47.5	54	-6.5	-58.73	-59.17	8.17	-47.76
3	7307.81 PK	59.98	74	-14.02	-47.71	-45.49	8.17	-35.28
4	7304.68 AV	47.87	54	-6.13	-58.41	-58.74	8.17	-47.39

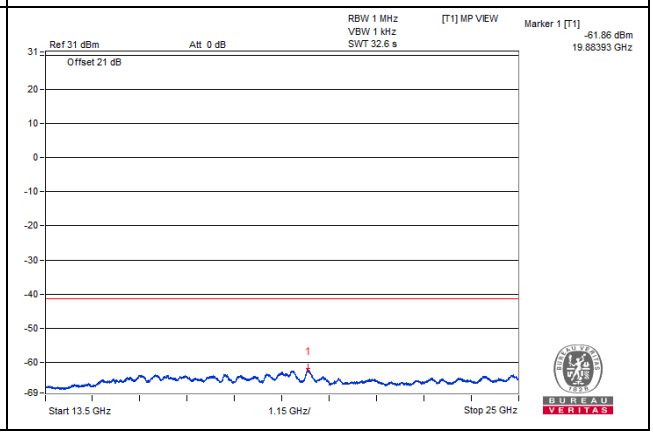
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

Chain 0

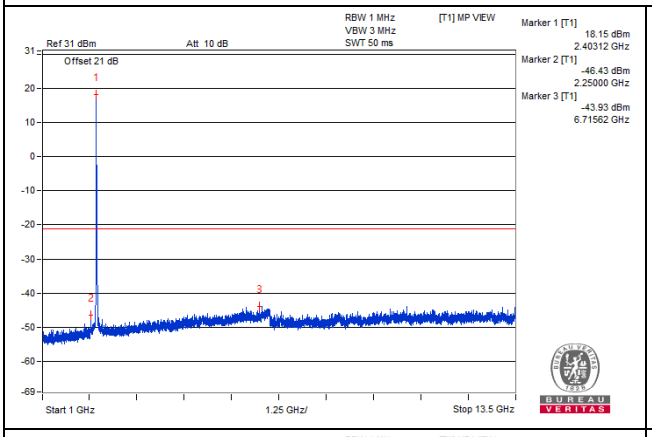


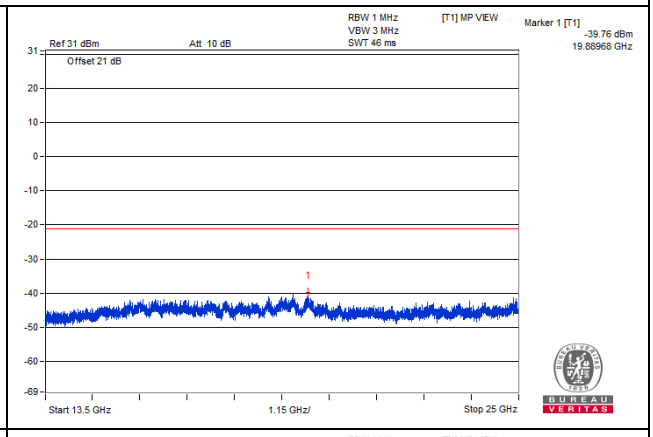


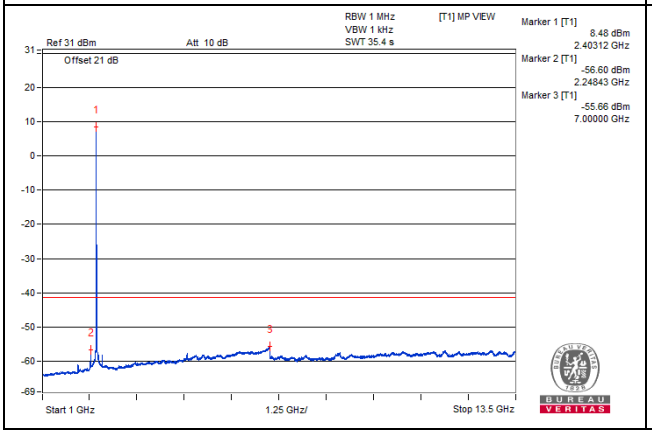


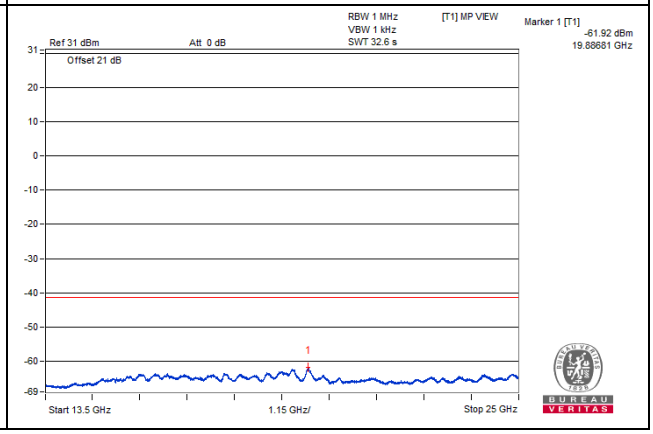


Chain 1









Bandedge table

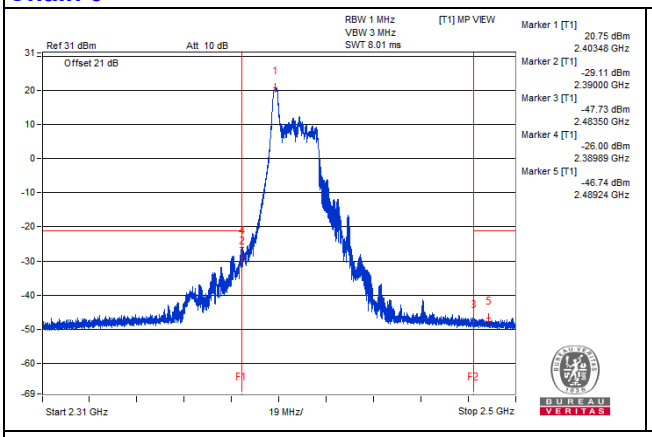
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.89 PK	77.25	74	*3.25	-26	-30.01	6.54	-18.01
2	2386.3 AV	49.08	54	-4.92	-55.04	-56.54	6.54	-46.18
3	2487.29 PK	57.94	74	-16.06	-47.15	-46.6	6.54	-37.32
4	2483.82 AV	44.43	54	-9.57	-60.44	-60.33	6.54	-50.83

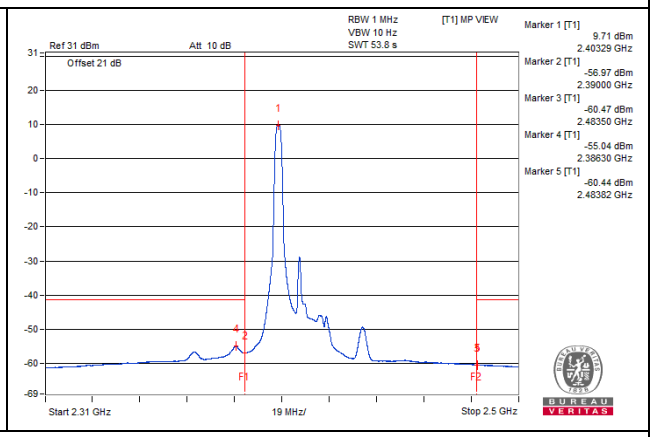
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

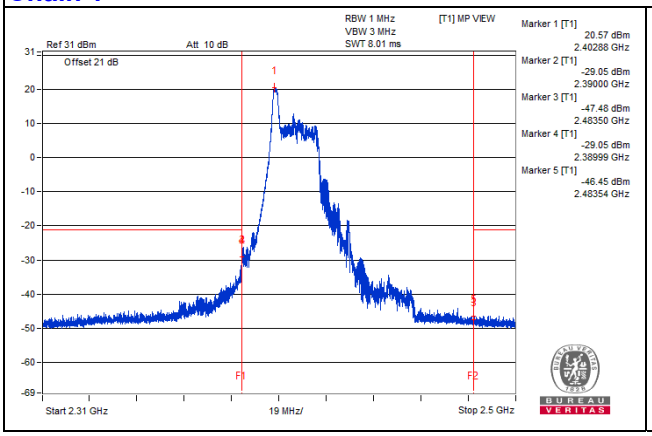
*The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

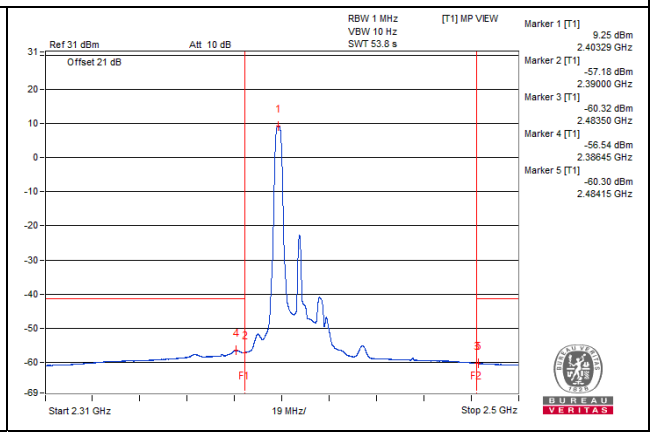
Chain 0





Chain 1





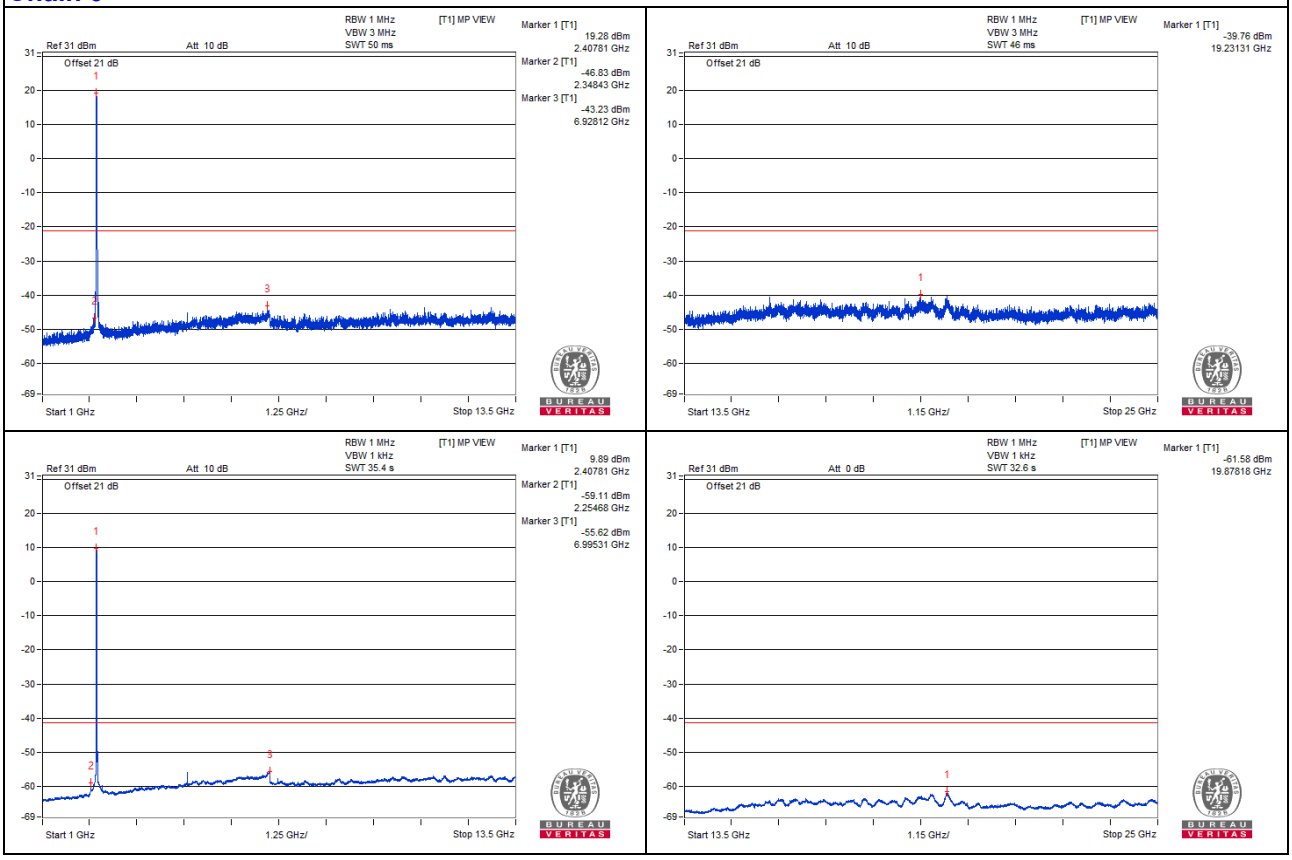
Channel 2

Conducted spurious emission table

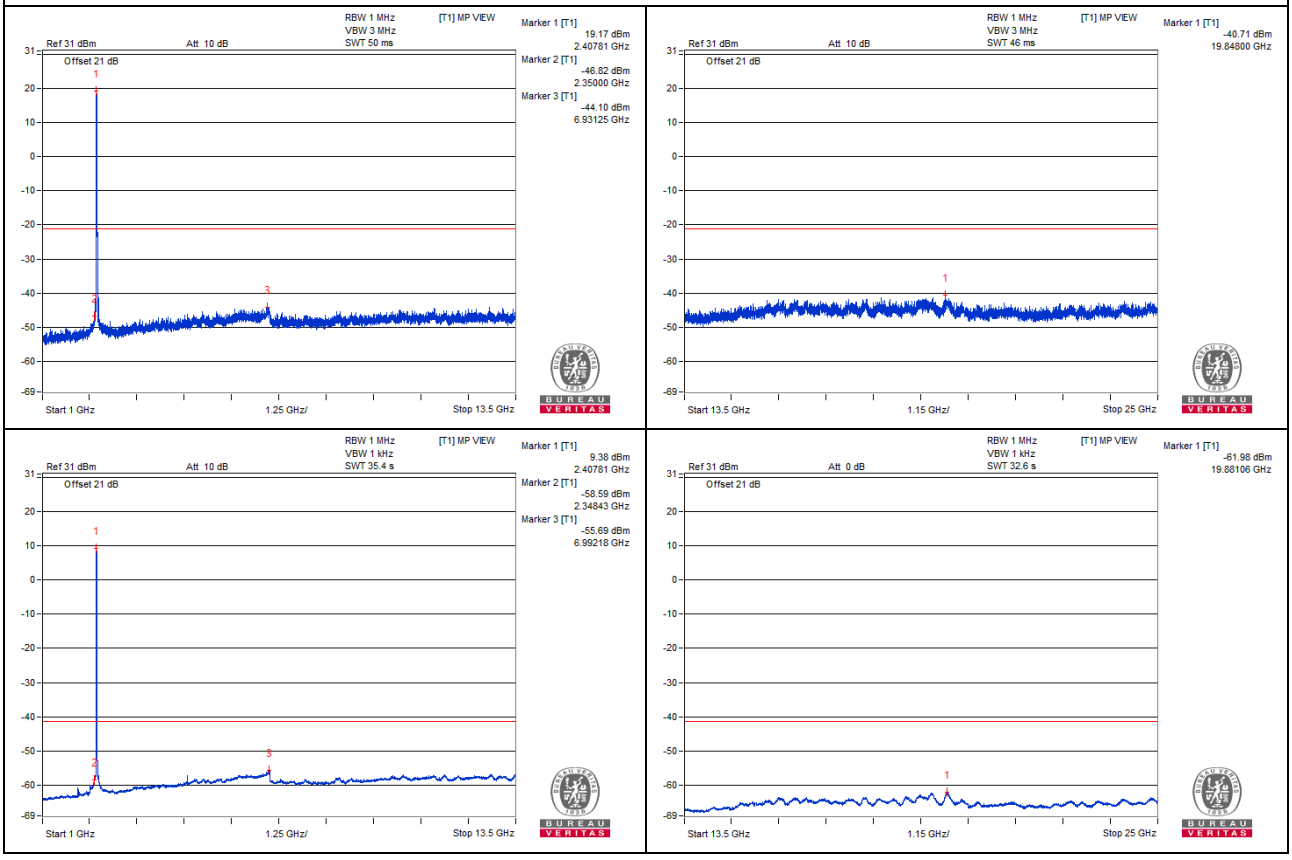
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4817.18 PK	60.66	74	-13.34	-45.3	-46.31	8.17	-34.6
2	4817.18 AV	49.87	54	-4.13	-55.98	-57.25	8.17	-45.39
3	7331.25 PK	59.56	74	-14.44	-48.48	-45.72	8.17	-35.7
4	7287.5 AV	47.93	54	-6.07	-58.68	-58.35	8.17	-47.33

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

Chain 0



Chain 1



Bandedge table

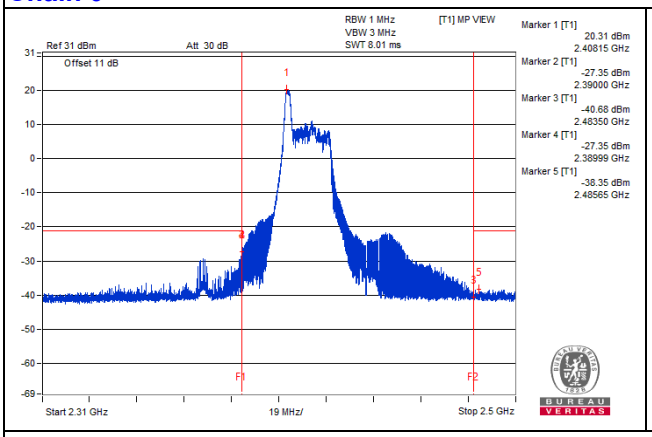
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2389.99 PK	74.77	74	*0.77	-27.35	-38.49	6.54	-20.49
2	2374.36 AV	49.21	54	-4.79	-56.15	-55.11	6.54	-46.05
3	2484.82 PK	66.87	74	-7.13	-41	-36.16	6.54	-28.39
4	2483.66 AV	45.61	54	-8.39	-59.31	-59.09	6.54	-49.65

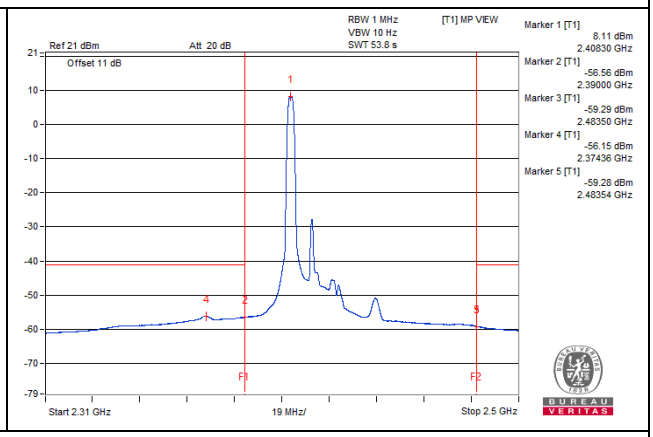
Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

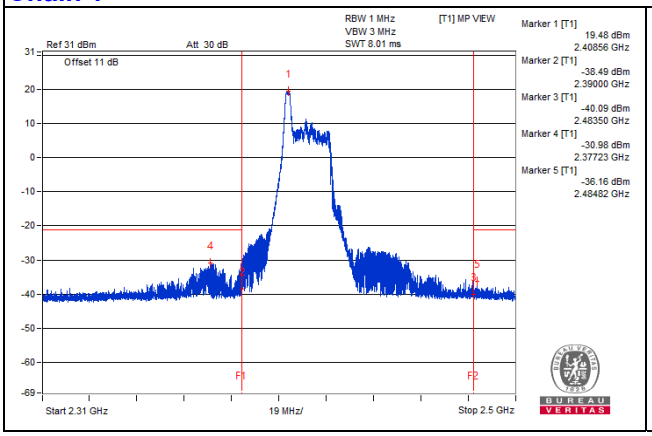
*The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

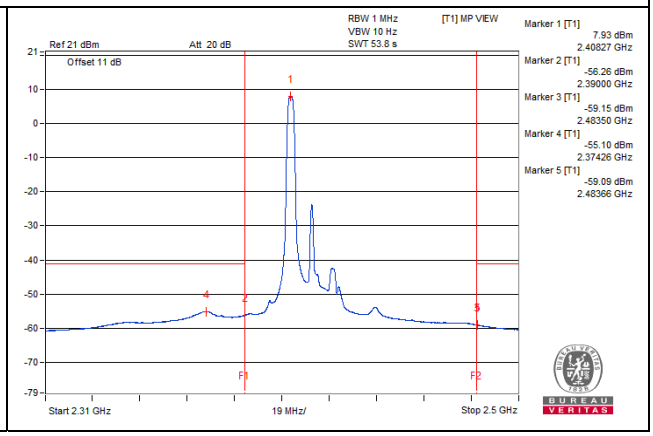
Chain 0





Chain 1





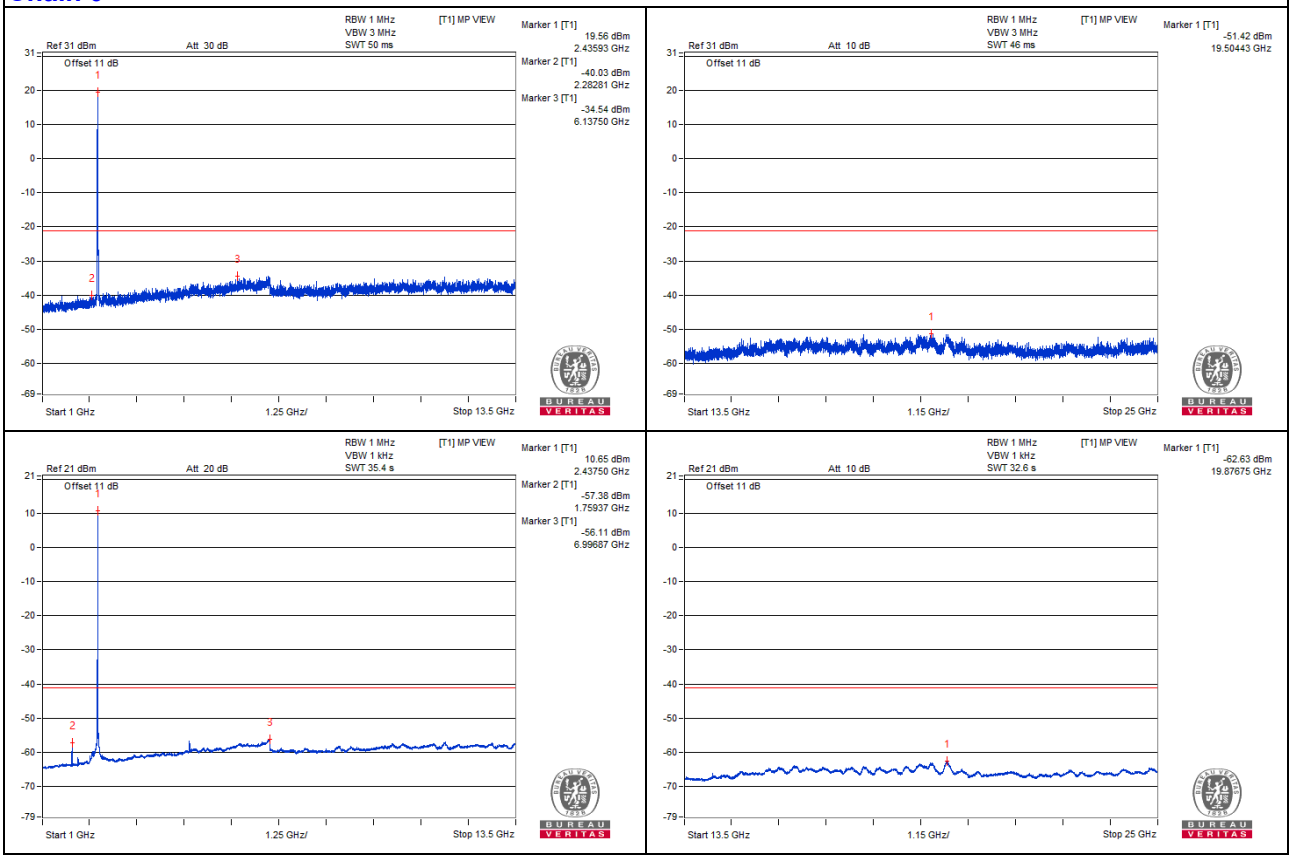
Channel 6

Conducted spurious emission table

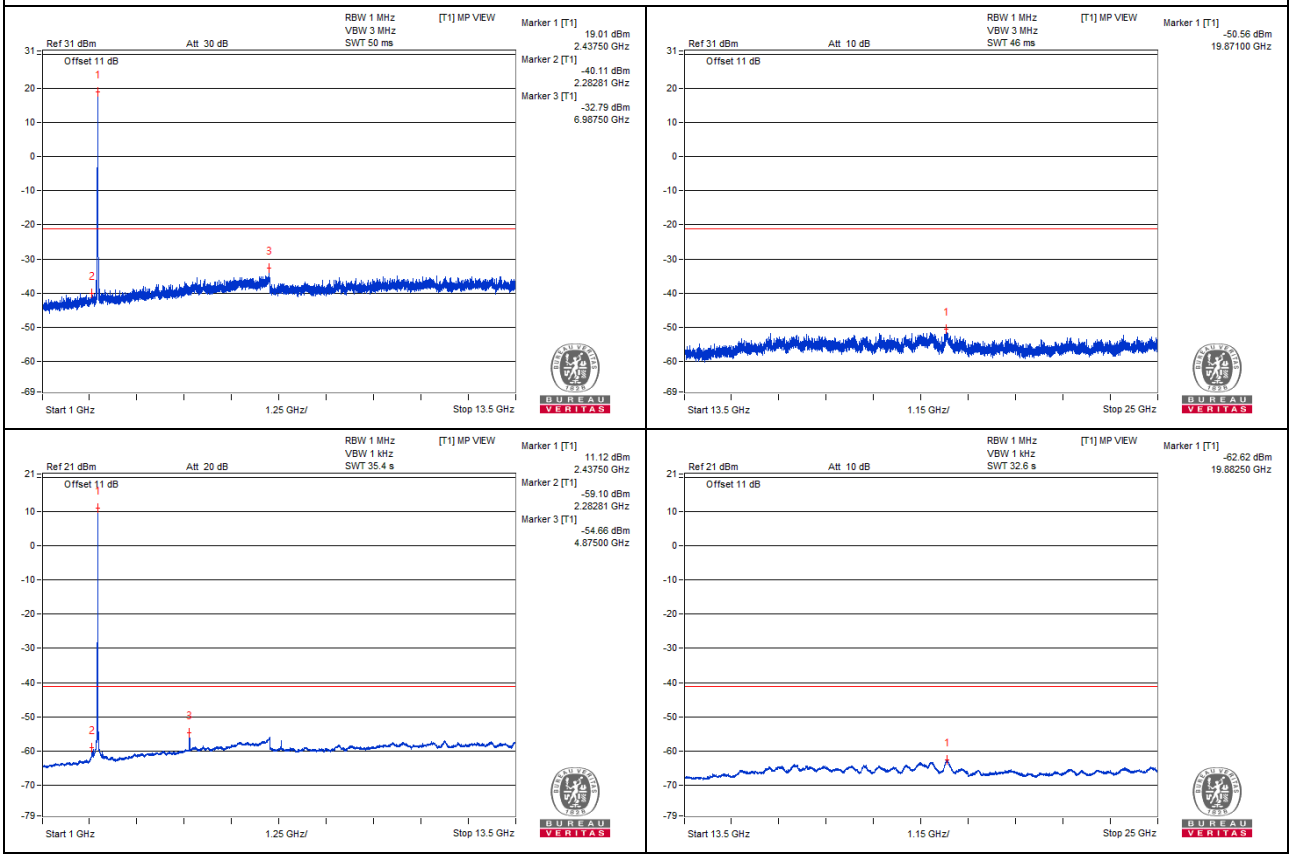
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	4932.81 PK	68.81	74	-5.19	-37.65	-37.61	8.17	-26.45
2	4875 AV	50.89	54	-3.11	-56.68	-54.66	8.17	-44.37
3	7278.12 PK	69.46	74	-4.54	-35.87	-38.48	8.17	-25.8
4	7312.5 AV	48.46	54	-5.54	-59.14	-57.06	8.17	-46.8

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

Chain 0



Chain 1



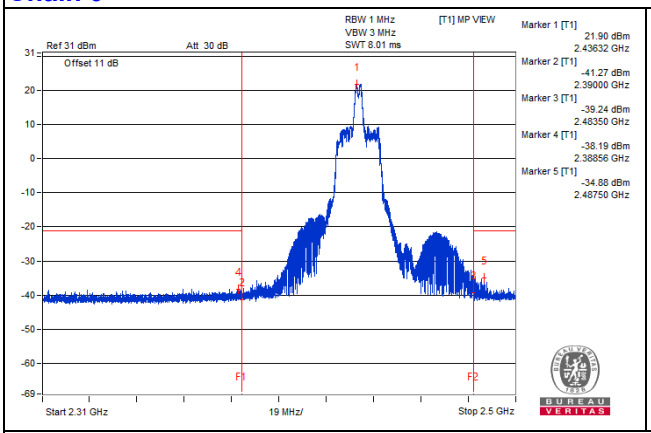
Bandedge table

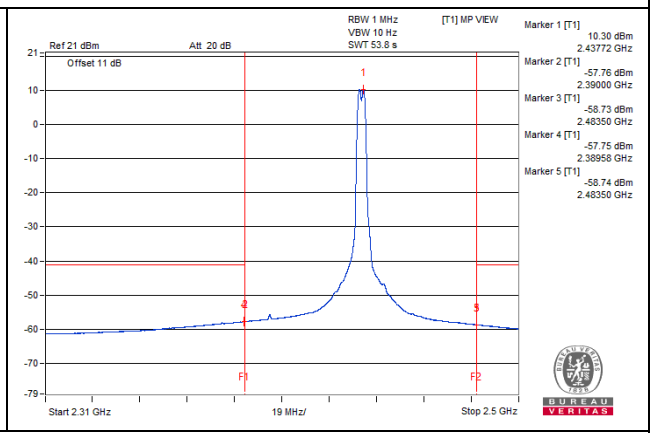
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	2369.77 PK	66.02	74	-7.98	-38.65	-38.93	6.54	-29.24
2	2389.96 AV	46.77	54	-7.23	-57.76	-58.35	6.54	-48.49
3	2485.46 PK	71.88	74	-2.12	-37.88	-30.68	6.54	-23.38
4	2483.51 AV	45.89	54	-8.11	-58.74	-59.11	6.54	-49.37

Note :

1. Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
   d = measurement distance in 3 meters.

Chain 0





Chain 1