FCC Test Report

Report No.:	RF200317E01
FCC ID:	RAS-MT7921
Test Model:	MT7921
Received Date:	Mar. 17, 2020
Test Date:	July 07 to Sep. 08, 2020
Issued Date:	Sep. 17, 2020
Applicant:	MediaTek Inc.
Address:	No. 1, Dusing 1st Rd., Hsinchu Science Park Hsinchu City 30078 Taiwan
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
RF200317E01	Original release.	Sep. 17, 2020

1 Certificate of Conformity

Product:	2TX 11ax (WiFi6) + BLE Combo Card
Brand:	MediaTek
Test Model:	MT7921
Sample Status:	ENGINEERING SAMPLE
Applicant:	MediaTek Inc.
Test Date:	July 07 to Sep. 08, 2020
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:** Sep. 17, 2020

Claire Kuan / Specialist

Approved by : _____ , **Date:** Sep. 17, 2020

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 -3.17 dB at 21.16822 MHz.
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -0.1 dB at 2390.00 MHz, 2483.50 MHz, 2484.23 MHz, 2484.26 MHz, 2484.44 MHz.
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 R-SMA or i-pex(MHF) not a standard connector.

Note:

1. For 2.4 GHz band compliance with rule 15.247(d) of the band-edge items, the test plots were recorded in Annex A.
2. 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	1.9 dB
Conducted emissions	9kHz ~ 40GHz	2.5 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.1 dB
	30MHz ~ 1GHz	5.4 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	5.0 dB
	18GHz ~ 40GHz	5.3 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	2TX 11ax (WiFi6) + BLE Combo Card
Brand	MediaTek
Test Model	MT7921
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 256QAM for OFDM in 11ac mode and VHT20/40 in 2.4GHz 1024QAM for OFDMA in 11ax HE mode
Modulation Technology	DSSS, OFDM, OFDMA
Transfer Rate	802.11b: up to 11 Mbps 802.11a/g: up to 54 Mbps 802.11n: up to 300 Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201.0 Mbps
Operating Frequency	**2.4GHz:** 2.412 ~ 2.472GHz **5GHz:** 5.18~5.32GHz, 5.50~5.72GHz, 5.745 ~ 5.825GHz
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
Output Power	**2.412 ~ 2.472 GHz:** 843.187 mW **5.18 ~ 5.24 GHz:** 152.277 mW **5.26 ~ 5.32GHz:** 154.026 mW **5.5 ~ 5.72GHz:** 157.923 mW **5.745 ~ 5.825 GHz:** 195.58 mW
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

Note:

1. Simultaneously transmission condition.

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

2. The antennas provided to the EUT, please refer to the following table:

Antenna Set	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length (mm)	Cable Loss (dB)	Excluding cable loss Antenna Gain (dBi)
1	Chain0	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5dB 5.15~5.85GHz : 0.8dB	2.92 4.67
	Chain1	Cortec	AN2450-4902BRS	2.42 3.87	2.4~2.4835 5.15~5.85	Dipole	R-SMA	150	2.4~2.4835GHz : 0.5dB 5.15~5.85GHz : 0.8dB	2.92 4.67
2	Chain0	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included Cable loss	-
	Chain1	PSA	RFMTA340718EMLB302	3.18 4.92	2.4~2.4835 5.15~5.85	PIFA	i-pex(MHF)	200	included Cable loss	-

3. 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
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
802.11ax (HE20)	2TX	2RX
802.11ax (HE40)	2TX	2RX
802.11ax (HE80)	2TX	2RX

Note:

1. The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz),VHT mode for 20MHz (40MHz, 80MHz) and 802.11ax mode for 20MHz (40MHz, 80MHz), therefore investigated worst case to representative mode in test report.

4. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.
5. 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.

3.2 Description of Test Modes

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

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

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

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

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE≥1G	RE<1G	PLC	APCM	
1	√	√	√	√	With PIFA antenna
2	√	√	-	-	With Dipole antenna

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

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

Note: The EUT's antenna (PIFA) had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on Z-plane

Radiated Emission Test (Above 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	Data Rate Parameter
802.11b	1 to 13	1, 2, 6, 10, 11, 12, 13	DSSS	DBPSK	1 Mb/s
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6 Mb/s
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

Radiated Emission Test (Below 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	Data Rate Parameter
802.11b	1 to 13	6	DSSS	DBPSK	1 Mb/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 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
802.11b	1 to 13	6	DSSS	DBPSK	1 Mb/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 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
802.11b	1 to 13	1, 2, 6, 10, 11, 12, 13	DSSS	DBPSK	1 Mb/s
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6 Mb/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

Test Condition:

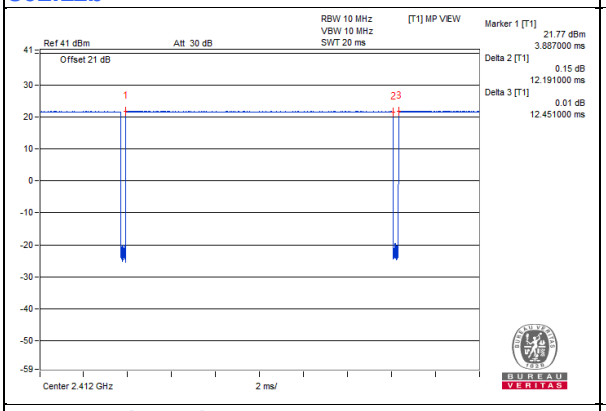
APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (System)	TESTED BY
RE≥1G	25deg. C, 65%RH	120Vac, 60Hz	Tom Yang
RE<1G	23deg. C, 66%RH	120Vac, 60Hz	Tom Yang
PLC	25deg. C, 66%RH	120Vac, 60Hz	Tom Yang
APCM	25deg. C, 60%RH	120Vac, 60Hz	Jyunchun Lin

3.3 Duty Cycle of Test Signal

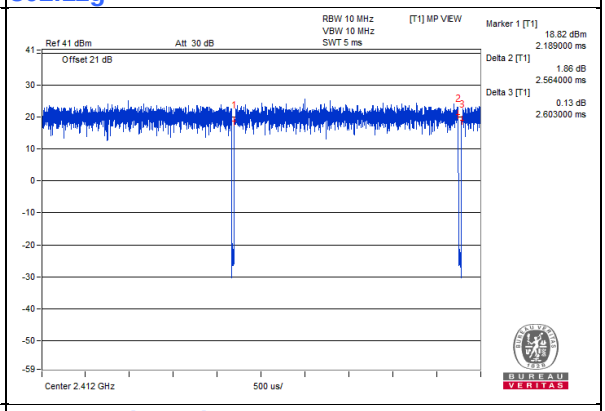
If duty cycle of test signal is ≥ 98 %, duty factor is not required.
If duty cycle of test signal is < 98%, duty factor shall be considered.

802.11b: Duty cycle = 12.191 ms /12.451 ms=0.979, Duty factor = 10 * log (1/Duty cycle) = 0.09 dB
802.11g: Duty cycle = 2.564 ms /2.603 ms=0.985
802.11ax (HE20): Duty cycle = 4.717 ms /5.097 ms=0.925, Duty factor = 10 * log (1/Duty cycle) = 0.33 dB
802.11ax (HE40): Duty cycle = 3.788 ms /4.273 ms=0.886, Duty factor = 10 * log (1/Duty cycle) = 0.52 dB

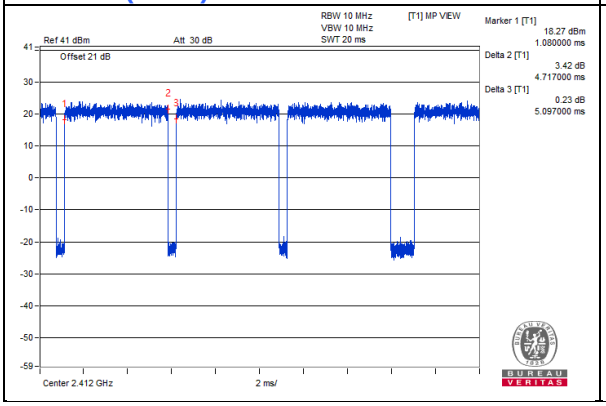
802.11b



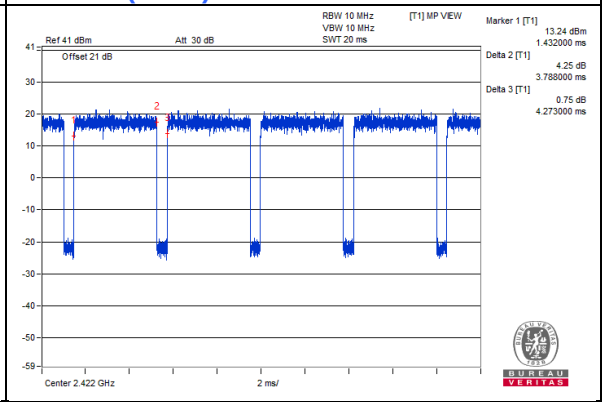
802.11g



802.11ax (HE20)



802.11ax (HE40)



3.4 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.

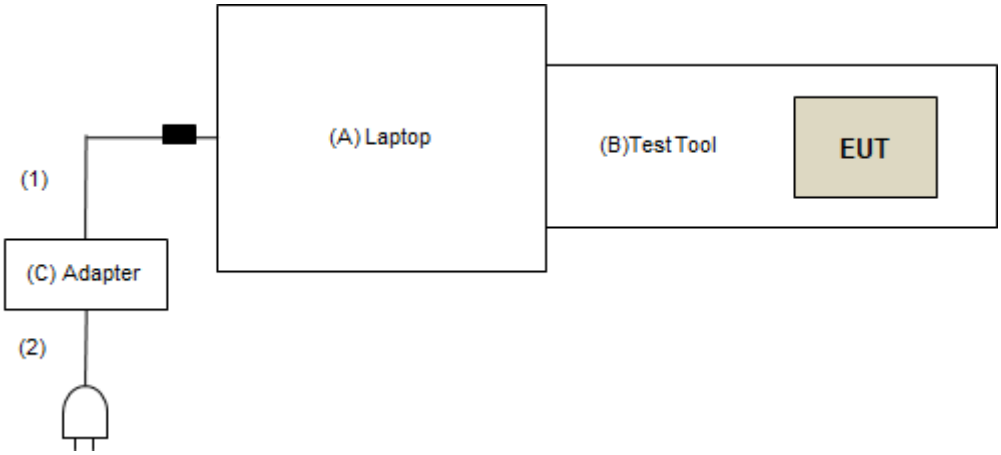
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6440	H7LYQ32	FCC DoC	Provided by Lab
B.	Test Tool	MTK	NA	NA	NA	Supplied by client
C.	Adapter	Dell	FA65NE0-00	NA	NA	Provided by Lab

ID	Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	DC Cable	1	1.6	No	1	Provided by Lab
2.	AC Cable	1	1	No	0	Provided by Lab

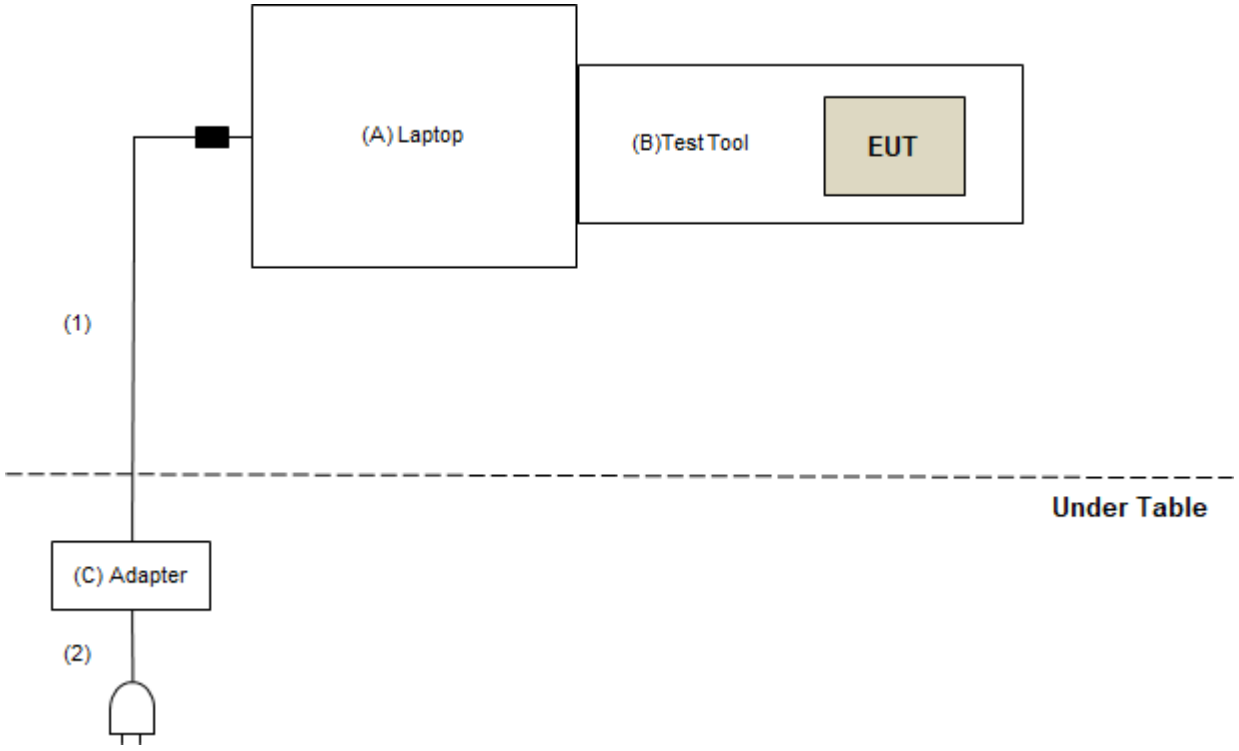
Note: The core(s) is(are) originally attached to the cable(s).

3.4.1 Configuration of System under Test

For Conducted Emissions test:



For Radiated Emissions test:



3.5 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

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 and Band-Edge Test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 06, 2020	July 05, 2021
Pre-Amplifier EMCI	EMC001340	980142	May 25, 2020	May 24, 2021
Loop Antenna Electro-Metrics	EM-6879	264	Feb. 18, 2020	Feb. 17, 2021
RF Cable	NA	LOOPCAB-001	Jan. 08, 2020	Jan. 07, 2021
RF Cable	NA	LOOPCAB-002	Jan. 08, 2020	Jan. 07, 2021
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-05	Apr. 28, 2020	Apr. 27, 2021
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Nov. 11, 2019	Nov. 10, 2020
RF Cable	8D	966-3-1	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-2	Mar. 17, 2020	Mar. 16, 2021
RF Cable	8D	966-3-3	Mar. 17, 2020	Mar. 16, 2021
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-3-01	Sep. 26, 2019	Sep. 25, 2020
Horn_Antenna SCHWARZBECK	BBHA9120-D	9120D-406	Nov. 24, 2019	Nov. 23, 2020
Pre-Amplifier EMCI	EMC12630SE	980384	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-1200	160922	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC104-SM-SM-2000	180601	June 09, 2020	June 08, 2021
RF Cable	EMC104-SM-SM-6000	180602	June 09, 2020	June 08, 2021
Spectrum Analyzer Keysight	N9030A	MY55330160	Feb. 07, 2020	Feb. 06, 2021
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 15, 2020	Jan. 14, 2021
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170519	Nov. 24, 2019	Nov. 23, 2020
RF Cable	EMC102-KM-KM-1200	160924	Jan. 15, 2020	Jan. 14, 2021
RF Cable	EMC-KM-KM-4000	200214	Mar. 11, 2020	Mar. 10, 2021
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	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. 3.
3. Tested Date: July 07 to Sep. 02, 2020

For other test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSV40	100964	May 29, 2020	May 28, 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
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: Sep. 04, 2020

4.1.3 Test Procedures

For Radiated emission below 30MHz

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

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

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

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

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

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

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

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

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

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

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

f. The test-receiver system was set to peak and average 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:

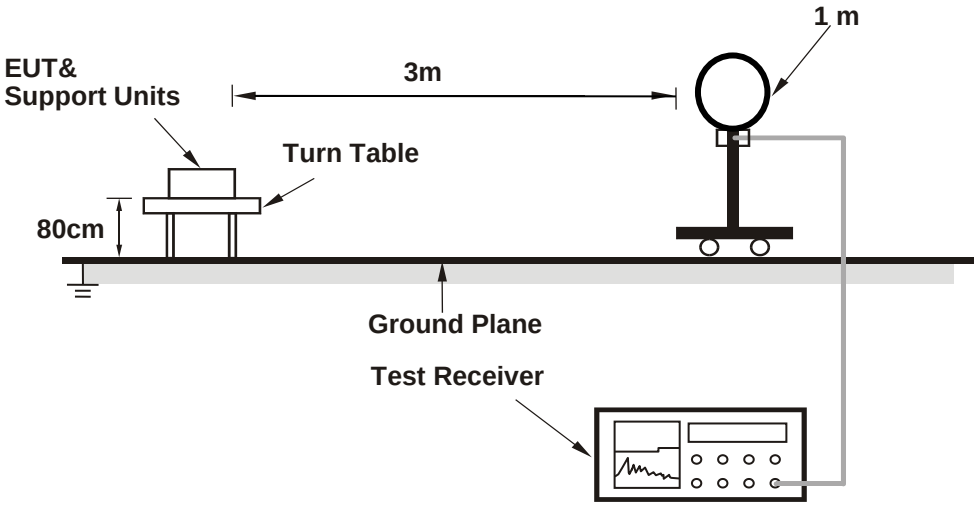
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

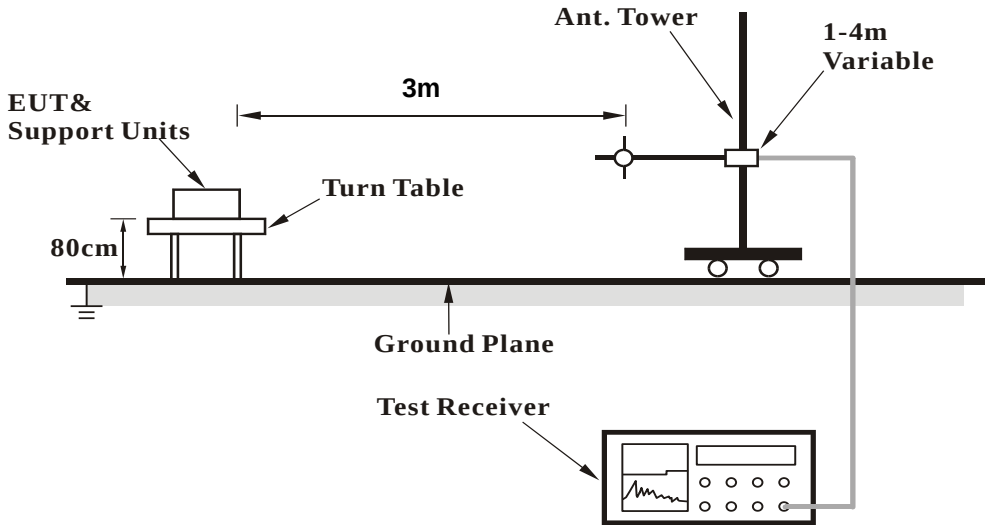
No deviation.

4.1.5 Test Setup

For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



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 (MT7961 QA 0.0.2.28) has been activated to set the EUT under transmission condition continuously at specific channel frenquency.

4.1.7 Test Results (Mode 1)

Above 1GHz Data：

802.11b

Channel	TX Channel 1	**Detector Function**	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	56.0 PK	74.0	-18.0	2.76 H	315	57.9	-1.9
2	2390.00	44.0 AV	54.0	-10.0	2.76 H	315	45.9	-1.9
3	*2412.00	110.9 PK			2.76 H	315	112.8	-1.9
4	*2412.00	108.6 AV			2.76 H	315	110.5	-1.9
5	4824.00	50.3 PK	74.0	-23.7	1.42 H	355	47.4	2.9
6	4824.00	48.1 AV	54.0	-5.9	1.42 H	355	45.2	2.9
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	2390.00	54.0 PK	74.0	-20.0	1.50 V	21	55.9	-1.9
2	2390.00	41.0 AV	54.0	-13.0	1.50 V	21	42.9	-1.9
3	*2412.00	104.3 PK			1.50 V	21	106.2	-1.9
4	*2412.00	103.2 AV			1.50 V	21	105.1	-1.9
5	4824.00	50.3 PK	74.0	-23.7	2.03 V	51	47.4	2.9
6	4824.00	48.9 AV	54.0	-5.1	2.03 V	51	46.0	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	53.6 PK	74.0	-20.4	2.71 H	315	55.5	-1.9
2	2390.00	41.5 AV	54.0	-12.5	2.71 H	315	43.4	-1.9
3	*2417.00	110.8 PK			2.71 H	315	112.7	-1.9
4	*2417.00	108.9 AV			2.71 H	315	110.8	-1.9
5	4834.00	49.7 PK	74.0	-24.3	1.44 H	360	46.8	2.9
6	4834.00	47.6 AV	54.0	-6.4	1.44 H	360	44.7	2.9
7	7251.00	44.4 PK	74.0	-29.6	1.58 H	306	35.6	8.8
8	7251.00	37.3 AV	54.0	-16.7	1.58 H	306	28.5	8.8
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	2390.00	53.3 PK	74.0	-20.7	1.45 V	25	55.2	-1.9
2	2390.00	39.7 AV	54.0	-14.3	1.45 V	25	41.6	-1.9
3	*2417.00	104.1 PK			1.45 V	25	106.0	-1.9
4	*2417.00	103.5 AV			1.45 V	25	105.4	-1.9
5	4834.00	50.3 PK	74.0	-23.7	2.12 V	44	47.4	2.9
6	4834.00	49.0 AV	54.0	-5.0	2.12 V	44	46.1	2.9
7	7251.00	42.0 PK	74.0	-32.0	1.53 V	110	33.2	8.8
8	7251.00	34.3 AV	54.0	-19.7	1.53 V	110	25.5	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	55.3 PK	74.0	-18.7	2.68 H	325	57.2	-1.9
2	2390.00	43.3 AV	54.0	-10.7	2.68 H	325	45.2	-1.9
3	*2437.00	110.6 PK			2.68 H	325	112.6	-2.0
4	*2437.00	108.5 AV			2.68 H	325	110.5	-2.0
5	2483.50	53.9 PK	74.0	-20.1	2.68 H	325	55.8	-1.9
6	2483.50	42.4 AV	54.0	-11.6	2.68 H	325	44.3	-1.9
7	4874.00	50.0 PK	74.0	-24.0	1.42 H	355	47.2	2.8
8	4874.00	47.9 AV	54.0	-6.1	1.42 H	355	45.1	2.8
9	7311.00	44.4 PK	74.0	-29.6	1.54 H	321	35.5	8.9
10	7311.00	37.6 AV	54.0	-16.4	1.54 H	321	28.7	8.9
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	2390.00	53.8 PK	74.0	-20.2	1.47 V	26	55.7	-1.9
2	2390.00	41.4 AV	54.0	-12.6	1.47 V	26	43.3	-1.9
3	*2437.00	106.5 PK			1.47 V	26	108.5	-2.0
4	*2437.00	104.3 AV			1.47 V	26	106.3	-2.0
5	2483.50	51.9 PK	74.0	-22.1	1.47 V	26	53.8	-1.9
6	2483.50	40.1 AV	54.0	-13.9	1.47 V	26	42.0	-1.9
7	4874.00	50.0 PK	74.0	-24.0	2.07 V	47	47.2	2.8
8	4874.00	48.7 AV	54.0	-5.3	2.07 V	47	45.9	2.8
9	7311.00	42.4 PK	74.0	-31.6	1.54 V	116	33.5	8.9
10	7311.00	34.4 AV	54.0	-19.6	1.54 V	116	25.5	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	111.0 PK			2.65 H	308	112.9	-1.9
2	*2457.00	108.7 AV			2.65 H	308	110.6	-1.9
3	2483.50	53.4 PK	74.0	-20.6	2.65 H	308	55.3	-1.9
4	2483.50	42.1 AV	54.0	-11.9	2.65 H	308	44.0	-1.9
5	4914.00	50.1 PK	74.0	-23.9	1.49 H	353	47.4	2.7
6	4914.00	48.3 AV	54.0	-5.7	1.49 H	353	45.6	2.7
7	7371.00	44.7 PK	74.0	-29.3	1.51 H	314	35.8	8.9
8	7371.00	37.8 AV	54.0	-16.2	1.51 H	314	28.9	8.9
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	*2457.00	107.0 PK			1.46 V	34	108.9	-1.9
2	*2457.00	104.0 AV			1.46 V	34	105.9	-1.9
3	2483.50	49.6 PK	74.0	-24.4	1.46 V	34	51.5	-1.9
4	2483.50	38.9 AV	54.0	-15.1	1.46 V	34	40.8	-1.9
5	4914.00	50.2 PK	74.0	-23.8	2.07 V	34	47.5	2.7
6	4914.00	48.9 AV	54.0	-5.1	2.07 V	34	46.2	2.7
7	7371.00	42.4 PK	74.0	-31.6	1.50 V	120	33.5	8.9
8	7371.00	34.6 AV	54.0	-19.4	1.50 V	120	25.7	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	110.6 PK			2.70 H	318	112.5	-1.9
2	*2462.00	108.3 AV			2.70 H	318	110.2	-1.9
3	2483.50	54.8 PK	74.0	-19.2	2.70 H	318	56.7	-1.9
4	2483.50	43.5 AV	54.0	-10.5	2.70 H	318	45.4	-1.9
5	4924.00	50.0 PK	74.0	-24.0	1.43 H	340	47.3	2.7
6	4924.00	48.1 AV	54.0	-5.9	1.43 H	340	45.4	2.7
7	7386.00	44.7 PK	74.0	-29.3	1.54 H	327	35.7	9.0
8	7386.00	37.7 AV	54.0	-16.3	1.54 H	327	28.7	9.0
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	*2462.00	106.5 PK			1.47 V	19	108.4	-1.9
2	*2462.00	103.9 AV			1.47 V	19	105.8	-1.9
3	2483.50	54.1 PK	74.0	-19.9	1.47 V	19	56.0	-1.9
4	2483.50	41.7 AV	54.0	-12.3	1.47 V	19	43.6	-1.9
5	4924.00	49.9 PK	74.0	-24.1	2.04 V	46	47.2	2.7
6	4924.00	48.5 AV	54.0	-5.5	2.04 V	46	45.8	2.7
7	7386.00	42.4 PK	74.0	-31.6	1.50 V	127	33.4	9.0
8	7386.00	34.4 AV	54.0	-19.6	1.50 V	127	25.4	9.0

Remarks:

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

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	102.4 PK			2.71 H	322	104.3	-1.9
2	*2467.00	99.6 AV			2.71 H	322	101.5	-1.9
3	2484.26	59.1 PK	74.0	-14.9	2.71 H	322	61.0	-1.9
4	**2484.26**	**53.9 AV**	**54.0**	**-0.1**	**2.71 H**	**322**	**55.8**	**-1.9**
5	4934.00	45.8 PK	74.0	-28.2	1.41 H	339	43.1	2.7
6	4934.00	44.5 AV	54.0	-9.5	1.41 H	339	41.8	2.7
7	7401.00	40.5 PK	74.0	-33.5	1.51 H	322	31.6	8.9
8	7401.00	33.7 AV	54.0	-20.3	1.51 H	322	24.8	8.9
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	*2467.00	97.8 PK			1.53 V	16	99.7	-1.9
2	*2467.00	96.6 AV			1.53 V	16	98.5	-1.9
3	2484.36	53.5 PK	74.0	-20.5	1.53 V	16	55.4	-1.9
4	2484.36	43.4 AV	54.0	-10.6	1.53 V	16	45.3	-1.9
5	4934.00	46.5 PK	74.0	-27.5	2.26 V	47	43.8	2.7
6	4934.00	44.8 AV	54.0	-9.2	2.26 V	47	42.1	2.7
7	7401.00	37.7 PK	74.0	-36.3	1.45 V	139	28.8	8.9
8	7401.00	30.6 AV	54.0	-23.4	1.45 V	139	21.7	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	98.7 PK			2.82 H	315	100.6	-1.9
2	*2472.00	96.2 AV			2.82 H	315	98.1	-1.9
3	2484.70	59.5 PK	74.0	-14.5	2.82 H	315	61.4	-1.9
4	2484.70	53.5 AV	54.0	-0.5	2.82 H	315	55.4	-1.9
5	4944.00	43.6 PK	74.0	-30.4	1.45 H	330	40.8	2.8
6	4944.00	41.2 AV	54.0	-12.8	1.45 H	330	38.4	2.8
7	7416.00	40.3 PK	74.0	-33.7	1.51 H	336	31.3	9.0
8	7416.00	30.5 AV	54.0	-23.5	1.51 H	336	21.5	9.0
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	*2472.00	93.7 PK			1.50 V	17	95.6	-1.9
2	*2472.00	91.9 AV			1.50 V	17	93.8	-1.9
3	2484.73	54.6 PK	74.0	-19.4	1.50 V	17	56.5	-1.9
4	2484.73	45.8 AV	54.0	-8.2	1.50 V	17	47.7	-1.9
5	4944.00	41.4 PK	74.0	-32.6	2.27 V	45	38.6	2.8
6	4944.00	40.9 AV	54.0	-13.1	2.27 V	45	38.1	2.8
7	7416.00	38.9 PK	74.0	-35.1	1.54 V	112	29.9	9.0
8	7416.00	28.5 AV	54.0	-25.5	1.54 V	112	19.5	9.0

Remarks:

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

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Channel	TX Channel 1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	71.6 PK	74.0	-2.4	2.89 H	310	73.5	-1.9
2	2390.00	53.8 AV	54.0	-0.2	2.89 H	310	55.7	-1.9
3	*2412.00	113.5 PK			2.89 H	310	115.4	-1.9
4	*2412.00	105.0 AV			2.89 H	310	106.9	-1.9
5	4824.00	55.7 PK	74.0	-18.3	3.53 H	40	52.8	2.9
6	4824.00	43.7 AV	54.0	-10.3	3.53 H	40	40.8	2.9
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	2390.00	58.4 PK	74.0	-15.6	1.50 V	20	60.3	-1.9
2	2390.00	46.3 AV	54.0	-7.7	1.50 V	20	48.2	-1.9
3	*2412.00	107.4 PK			1.50 V	20	109.3	-1.9
4	*2412.00	98.7 AV			1.50 V	20	100.6	-1.9
5	4824.00	54.9 PK	74.0	-19.1	3.95 V	75	52.0	2.9
6	4824.00	44.1 AV	54.0	-9.9	3.95 V	75	41.2	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	70.4 PK	74.0	-3.6	2.74 H	321	72.3	-1.9
2	2390.00	53.7 AV	54.0	-0.3	2.74 H	321	55.6	-1.9
3	*2417.00	114.3 PK			2.74 H	321	116.2	-1.9
4	*2417.00	105.9 AV			2.74 H	321	107.8	-1.9
5	4834.00	55.5 PK	74.0	-18.5	3.57 H	46	52.6	2.9
6	4834.00	43.7 AV	54.0	-10.3	3.57 H	46	40.8	2.9
7	7251.00	48.4 PK	74.0	-25.6	1.97 H	332	39.6	8.8
8	7251.00	37.3 AV	54.0	-16.7	1.97 H	332	28.5	8.8
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	2390.00	60.1 PK	74.0	-13.9	1.55 V	32	62.0	-1.9
2	2390.00	46.7 AV	54.0	-7.3	1.55 V	32	48.6	-1.9
3	*2417.00	108.3 PK			1.55 V	32	110.2	-1.9
4	*2417.00	99.2 AV			1.55 V	32	101.1	-1.9
5	4834.00	54.6 PK	74.0	-19.4	3.93 V	71	51.7	2.9
6	4834.00	43.6 AV	54.0	-10.4	3.93 V	71	40.7	2.9
7	7251.00	47.3 PK	74.0	-26.7	1.31 V	176	38.5	8.8
8	7251.00	35.4 AV	54.0	-18.6	1.31 V	176	26.6	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	65.1 PK	74.0	-8.9	2.80 H	315	67.0	-1.9
2	2390.00	53.8 AV	54.0	-0.2	2.80 H	315	55.7	-1.9
3	*2437.00	115.2 PK			2.80 H	315	117.2	-2.0
4	*2437.00	106.8 AV			2.80 H	315	108.8	-2.0
5	2483.50	60.4 PK	74.0	-13.6	2.80 H	315	62.3	-1.9
6	2483.50	50.2 AV	54.0	-3.8	2.80 H	315	52.1	-1.9
7	4874.00	55.7 PK	74.0	-18.3	3.62 H	46	52.9	2.8
8	4874.00	44.2 AV	54.0	-9.8	3.62 H	46	41.4	2.8
9	7311.00	48.8 PK	74.0	-25.2	1.91 H	334	39.9	8.9
10	7311.00	37.7 AV	54.0	-16.3	1.91 H	334	28.8	8.9
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	2390.00	60.3 PK	74.0	-13.7	1.46 V	15	62.2	-1.9
2	2390.00	48.4 AV	54.0	-5.6	1.46 V	15	50.3	-1.9
3	*2437.00	109.6 PK			1.46 V	15	111.6	-2.0
4	*2437.00	100.9 AV			1.46 V	15	102.9	-2.0
5	2483.50	57.2 PK	74.0	-16.8	1.46 V	15	59.1	-1.9
6	2483.50	46.3 AV	54.0	-7.7	1.46 V	15	48.2	-1.9
7	4874.00	54.8 PK	74.0	-19.2	3.94 V	72	52.0	2.8
8	4874.00	44.1 AV	54.0	-9.9	3.94 V	72	41.3	2.8
9	7311.00	47.1 PK	74.0	-26.9	1.34 V	170	38.2	8.9
10	7311.00	36.6 AV	54.0	-17.4	1.34 V	170	27.7	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	112.4 PK			2.76 H	322	114.3	-1.9
2	*2457.00	105.2 AV			2.76 H	322	107.1	-1.9
3	2483.50	64.3 PK	74.0	-9.7	2.76 H	322	66.2	-1.9
4	2483.50	53.5 AV	54.0	-0.5	2.76 H	322	55.4	-1.9
5	4914.00	55.7 PK	74.0	-18.3	3.57 H	44	53.0	2.7
6	4914.00	43.9 AV	54.0	-10.1	3.57 H	44	41.2	2.7
7	7371.00	48.7 PK	74.0	-25.3	1.94 H	342	39.8	8.9
8	7371.00	37.8 AV	54.0	-16.2	1.94 H	342	28.9	8.9
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	*2457.00	108.0 PK			1.50 V	20	109.9	-1.9
2	*2457.00	98.6 AV			1.50 V	20	100.5	-1.9
3	2483.50	61.6 PK	74.0	-12.4	1.50 V	20	63.5	-1.9
4	2483.50	48.4 AV	54.0	-5.6	1.50 V	20	50.3	-1.9
5	4914.00	54.5 PK	74.0	-19.5	3.97 V	64	51.8	2.7
6	4914.00	43.7 AV	54.0	-10.3	3.97 V	64	41.0	2.7
7	7371.00	46.6 PK	74.0	-27.4	1.31 V	185	37.7	8.9
8	7371.00	34.9 AV	54.0	-19.1	1.31 V	185	26.0	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	111.8 PK			2.64 H	314	113.7	-1.9
2	*2462.00	104.8 AV			2.64 H	314	106.7	-1.9
3	2483.50	66.1 PK	74.0	-7.9	2.64 H	314	68.0	-1.9
4	2483.50	51.5 AV	54.0	-2.5	2.64 H	314	53.4	-1.9
5	4924.00	55.7 PK	74.0	-18.3	3.52 H	55	53.0	2.7
6	4924.00	43.7 AV	54.0	-10.3	3.52 H	55	41.0	2.7
7	7386.00	47.8 PK	74.0	-26.2	1.90 H	334	38.8	9.0
8	7386.00	36.7 AV	54.0	-17.3	1.90 H	334	27.7	9.0
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	*2462.00	108.2 PK			1.52 V	26	110.1	-1.9
2	*2462.00	97.9 AV			1.52 V	26	99.8	-1.9
3	2483.50	59.3 PK	74.0	-14.7	1.52 V	26	61.2	-1.9
4	2483.50	48.6 AV	54.0	-5.4	1.52 V	26	50.5	-1.9
5	4924.00	55.0 PK	74.0	-19.0	3.96 V	76	52.3	2.7
6	4924.00	44.0 AV	54.0	-10.0	3.96 V	76	41.3	2.7
7	7386.00	45.1 PK	74.0	-28.9	1.29 V	160	36.1	9.0
8	7386.00	33.5 AV	54.0	-20.5	1.29 V	160	24.5	9.0

Remarks:

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

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	109.4 PK			2.85 H	315	111.3	-1.9
2	*2467.00	102.2 AV			2.85 H	315	104.1	-1.9
3	2484.18	64.6 PK	74.0	-9.4	2.85 H	315	66.5	-1.9
4	2484.18	53.6 AV	54.0	-0.4	2.85 H	315	55.5	-1.9
5	2485.72	68.8 PK	74.0	-5.2	2.85 H	315	70.7	-1.9
6	2485.72	50.5 AV	54.0	-3.5	2.85 H	315	52.4	-1.9
7	4934.00	54.2 PK	74.0	-19.8	3.54 H	40	51.5	2.7
8	4934.00	40.3 AV	54.0	-13.7	3.54 H	40	37.6	2.7
9	7401.00	42.3 PK	74.0	-31.7	1.93 H	339	33.4	8.9
10	7401.00	29.6 AV	54.0	-24.4	1.93 H	339	20.7	8.9
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	*2467.00	101.9 PK			1.54 V	23	103.8	-1.9
2	*2467.00	93.4 AV			1.54 V	23	95.3	-1.9
3	2483.50	60.3 PK	74.0	-13.7	1.54 V	23	62.2	-1.9
4	2483.50	46.5 AV	54.0	-7.5	1.54 V	23	48.4	-1.9
5	4934.00	53.7 PK	74.0	-20.3	4.00 V	90	51.0	2.7
6	4934.00	41.2 AV	54.0	-12.8	4.00 V	90	38.5	2.7
7	7401.00	42.5 PK	74.0	-31.5	1.30 V	169	33.6	8.9
8	7401.00	30.8 AV	54.0	-23.2	1.30 V	169	21.9	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	105.1 PK			2.89 H	309	107.0	-1.9
2	*2472.00	97.0 AV			2.89 H	309	98.9	-1.9
3	2484.54	65.4 PK	74.0	-8.6	2.89 H	309	67.3	-1.9
4	2484.54	53.8 AV	54.0	-0.2	2.89 H	309	55.7	-1.9
5	4944.00	52.1 PK	74.0	-21.9	3.67 H	57	49.3	2.8
6	4944.00	39.7 AV	54.0	-14.3	3.67 H	57	36.9	2.8
7	7416.00	40.1 PK	74.0	-33.9	1.92 H	359	31.1	9.0
8	7416.00	28.5 AV	54.0	-25.5	1.92 H	359	19.5	9.0
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	*2472.00	96.5 PK			1.51 V	25	98.4	-1.9
2	*2472.00	89.2 AV			1.51 V	25	91.1	-1.9
3	2484.36	56.0 PK	74.0	-18.0	1.51 V	25	57.9	-1.9
4	2484.36	45.2 AV	54.0	-8.8	1.51 V	25	47.1	-1.9
5	4944.00	52.1 PK	74.0	-21.9	3.97 V	79	49.3	2.8
6	4944.00	40.2 AV	54.0	-13.8	3.97 V	79	37.4	2.8
7	7416.00	39.9 PK	74.0	-34.1	1.31 V	150	30.9	9.0
8	7416.00	28.9 AV	54.0	-25.1	1.31 V	150	19.9	9.0

Remarks:

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

802.11ax (HE20)

Channel	TX Channel 1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	72.6 PK	74.0	-1.4	2.80 H	308	74.5	-1.9
2	2390.00	53.5 AV	54.0	-0.5	2.80 H	308	55.4	-1.9
3	*2412.00	112.8 PK			2.80 H	308	114.7	-1.9
4	*2412.00	105.4 AV			2.80 H	308	107.3	-1.9
5	4824.00	55.9 PK	74.0	-18.1	3.48 H	28	53.0	2.9
6	4824.00	43.7 AV	54.0	-10.3	3.48 H	28	40.8	2.9
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	2390.00	65.6 PK	74.0	-8.4	1.51 V	19	67.5	-1.9
2	2390.00	48.3 AV	54.0	-5.7	1.51 V	19	50.2	-1.9
3	*2412.00	108.8 PK			1.51 V	19	110.7	-1.9
4	*2412.00	97.6 AV			1.51 V	19	99.5	-1.9
5	4824.00	54.7 PK	74.0	-19.3	3.95 V	60	51.8	2.9
6	4824.00	44.0 AV	54.0	-10.0	3.95 V	60	41.1	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	65.7 PK	74.0	-8.3	2.83 H	313	67.6	-1.9
2	2390.00	53.7 AV	54.0	-0.3	2.83 H	313	55.6	-1.9
3	*2417.00	113.1 PK			2.83 H	313	115.0	-1.9
4	*2417.00	105.9 AV			2.83 H	313	107.8	-1.9
5	4834.00	55.1 PK	74.0	-18.9	3.63 H	37	52.2	2.9
6	4834.00	43.5 AV	54.0	-10.5	3.63 H	37	40.6	2.9
7	7251.00	48.9 PK	74.0	-25.1	1.92 H	333	40.1	8.8
8	7251.00	37.5 AV	54.0	-16.5	1.92 H	333	28.7	8.8
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	2390.00	66.7 PK	74.0	-7.3	1.45 V	33	68.6	-1.9
2	2390.00	47.9 AV	54.0	-6.1	1.45 V	33	49.8	-1.9
3	*2417.00	109.2 PK			1.45 V	33	111.1	-1.9
4	*2417.00	98.1 AV			1.45 V	33	100.0	-1.9
5	4834.00	55.1 PK	74.0	-18.9	3.89 V	61	52.2	2.9
6	4834.00	44.0 AV	54.0	-10.0	3.89 V	61	41.1	2.9
7	7251.00	47.2 PK	74.0	-26.8	1.36 V	176	38.4	8.8
8	7251.00	35.2 AV	54.0	-18.8	1.36 V	176	26.4	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	64.6 PK	74.0	-9.4	2.78 H	318	66.5	-1.9
2	**2390.00**	**53.9 AV**	**54.0**	**-0.1**	**2.78 H**	**318**	**55.8**	**-1.9**
3	*2437.00	115.9 PK			2.78 H	318	117.9	-2.0
4	*2437.00	106.6 AV			2.78 H	318	108.6	-2.0
5	2483.50	61.1 PK	74.0	-12.9	2.78 H	318	63.0	-1.9
6	2483.50	50.6 AV	54.0	-3.4	2.78 H	318	52.5	-1.9
7	4874.00	55.9 PK	74.0	-18.1	3.60 H	51	53.1	2.8
8	4874.00	44.6 AV	54.0	-9.4	3.60 H	51	41.8	2.8
9	7311.00	49.3 PK	74.0	-24.7	1.97 H	329	40.4	8.9
10	7311.00	37.9 AV	54.0	-16.1	1.97 H	329	29.0	8.9
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	2390.00	64.3 PK	74.0	-9.7	1.50 V	47	66.2	-1.9
2	2390.00	48.4 AV	54.0	-5.6	1.50 V	47	50.3	-1.9
3	*2437.00	109.4 PK			1.50 V	47	111.4	-2.0
4	*2437.00	98.7 AV			1.50 V	47	100.7	-2.0
5	2483.50	60.6 PK	74.0	-13.4	1.50 V	47	62.5	-1.9
6	2483.50	45.6 AV	54.0	-8.4	1.50 V	47	47.5	-1.9
7	4874.00	55.4 PK	74.0	-18.6	3.93 V	59	52.6	2.8
8	4874.00	44.6 AV	54.0	-9.4	3.93 V	59	41.8	2.8
9	7311.00	47.4 PK	74.0	-26.6	1.33 V	161	38.5	8.9
10	7311.00	36.9 AV	54.0	-17.1	1.33 V	161	28.0	8.9

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.
5. " * ": Fundamental frequency.

802.11ax (HE40)

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	114.6 PK			2.64 H	315	116.5	-1.9
2	*2457.00	106.0 AV			2.64 H	315	107.9	-1.9
3	2483.50	66.6 PK	74.0	-7.4	2.64 H	315	68.5	-1.9
4	2483.50	53.5 AV	54.0	-0.5	2.64 H	315	55.4	-1.9
5	4914.00	55.3 PK	74.0	-18.7	3.62 H	34	52.6	2.7
6	4914.00	43.5 AV	54.0	-10.5	3.62 H	34	40.8	2.7
7	7371.00	48.5 PK	74.0	-25.5	1.97 H	353	39.6	8.9
8	7371.00	37.9 AV	54.0	-16.1	1.97 H	353	29.0	8.9
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	*2457.00	109.5 PK			1.42 V	22	111.4	-1.9
2	*2457.00	98.3 AV			1.42 V	22	100.2	-1.9
3	2483.50	63.3 PK	74.0	-10.7	1.42 V	22	65.2	-1.9
4	2483.50	50.3 AV	54.0	-3.7	1.42 V	22	52.2	-1.9
5	4914.00	54.2 PK	74.0	-19.8	3.94 V	81	51.5	2.7
6	4914.00	43.2 AV	54.0	-10.8	3.94 V	81	40.5	2.7
7	7371.00	47.7 PK	74.0	-26.3	1.35 V	184	38.8	8.9
8	7371.00	35.8 AV	54.0	-18.2	1.35 V	184	26.9	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	113.2 PK			2.69 H	318	115.1	-1.9
2	*2462.00	105.3 AV			2.69 H	318	107.2	-1.9
3	2483.50	67.5 PK	74.0	-6.5	2.69 H	318	69.4	-1.9
4	**2483.50**	**53.9 AV**	**54.0**	**-0.1**	**2.69 H**	**318**	**55.8**	**-1.9**
5	4924.00	55.9 PK	74.0	-18.1	3.48 H	69	53.2	2.7
6	4924.00	43.9 AV	54.0	-10.1	3.48 H	69	41.2	2.7
7	7386.00	47.9 PK	74.0	-26.1	1.88 H	342	38.9	9.0
8	7386.00	36.9 AV	54.0	-17.1	1.88 H	342	27.9	9.0
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	*2462.00	108.2 PK			1.53 V	24	110.1	-1.9
2	*2462.00	97.3 AV			1.53 V	24	99.2	-1.9
3	2483.50	64.1 PK	74.0	-9.9	1.53 V	24	66.0	-1.9
4	2483.50	50.7 AV	54.0	-3.3	1.53 V	24	52.6	-1.9
5	4924.00	55.0 PK	74.0	-19.0	4.00 V	63	52.3	2.7
6	4924.00	44.1 AV	54.0	-9.9	4.00 V	63	41.4	2.7
7	7386.00	44.9 PK	74.0	-29.1	1.27 V	170	35.9	9.0
8	7386.00	33.4 AV	54.0	-20.6	1.27 V	170	24.4	9.0

Remarks:

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

802.11ax (HE20)

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	110.7 PK			2.75 H	317	112.6	-1.9
2	*2467.00	100.5 AV			2.75 H	317	102.4	-1.9
3	2484.44	64.8 PK	74.0	-9.2	2.75 H	317	66.7	-1.9
4	**2484.44**	**53.9 AV**	**54.0**	**-0.1**	**2.75 H**	**317**	**55.8**	**-1.9**
5	4934.00	53.9 PK	74.0	-20.1	3.50 H	54	51.2	2.7
6	4934.00	40.0 AV	54.0	-14.0	3.50 H	54	37.3	2.7
7	7401.00	42.8 PK	74.0	-31.2	1.99 H	346	33.9	8.9
8	7401.00	30.0 AV	54.0	-24.0	1.99 H	346	21.1	8.9
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	*2467.00	102.2 PK			1.47 V	19	104.1	-1.9
2	*2467.00	91.9 AV			1.47 V	19	93.8	-1.9
3	2485.15	55.9 PK	74.0	-18.1	1.47 V	19	57.8	-1.9
4	2485.15	45.3 AV	54.0	-8.7	1.47 V	19	47.2	-1.9
5	4934.00	53.5 PK	74.0	-20.5	3.97 V	102	50.8	2.7
6	4934.00	41.1 AV	54.0	-12.9	3.97 V	102	38.4	2.7
7	7401.00	42.6 PK	74.0	-31.4	1.25 V	163	33.7	8.9
8	7401.00	30.7 AV	54.0	-23.3	1.25 V	163	21.8	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	105.4 PK			2.70 H	317	107.3	-1.9
2	*2472.00	95.3 AV			2.70 H	317	97.2	-1.9
3	2484.18	63.3 PK	74.0	-10.7	2.70 H	317	65.2	-1.9
4	2484.18	53.6 AV	54.0	-0.4	2.70 H	317	55.5	-1.9
5	4944.00	52.5 PK	74.0	-21.5	3.67 H	67	49.7	2.8
6	4944.00	40.2 AV	54.0	-13.8	3.67 H	67	37.4	2.8
7	7416.00	39.9 PK	74.0	-34.1	1.87 H	358	30.9	9.0
8	7416.00	28.5 AV	54.0	-25.5	1.87 H	358	19.5	9.0
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	*2472.00	97.0 PK			1.50 V	21	98.9	-1.9
2	*2472.00	87.1 AV			1.50 V	21	89.0	-1.9
3	2483.50	54.3 PK	74.0	-19.7	1.50 V	21	56.2	-1.9
4	2483.50	44.8 AV	54.0	-9.2	1.50 V	21	46.7	-1.9
5	4944.00	51.5 PK	74.0	-22.5	3.94 V	82	48.7	2.8
6	4944.00	39.9 AV	54.0	-14.1	3.94 V	82	37.1	2.8
7	7416.00	39.6 PK	74.0	-34.4	1.25 V	140	30.6	9.0
8	7416.00	28.5 AV	54.0	-25.5	1.25 V	140	19.5	9.0

Remarks:

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

802.11ax (HE40)

Channel	TX Channel 3	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	64.7 PK	74.0	-9.3	2.72 H	324	66.6	-1.9
2	2390.00	53.8 AV	54.0	-0.2	2.72 H	324	55.7	-1.9
3	*2422.00	110.3 PK			2.72 H	324	112.2	-1.9
4	*2422.00	99.8 AV			2.72 H	324	101.7	-1.9
5	4844.00	53.9 PK	74.0	-20.1	3.48 H	63	51.0	2.9
6	4844.00	40.1 AV	54.0	-13.9	3.48 H	63	37.2	2.9
7	7266.00	43.1 PK	74.0	-30.9	1.95 H	354	34.3	8.8
8	7266.00	30.3 AV	54.0	-23.7	1.95 H	354	21.5	8.8
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	2390.00	58.1 PK	74.0	-15.9	1.52 V	22	60.0	-1.9
2	2390.00	48.1 AV	54.0	-5.9	1.52 V	22	50.0	-1.9
3	*2422.00	104.4 PK			1.52 V	22	106.3	-1.9
4	*2422.00	93.2 AV			1.52 V	22	95.1	-1.9
5	4844.00	54.8 PK	74.0	-19.2	3.97 V	75	51.9	2.9
6	4844.00	44.1 AV	54.0	-9.9	3.97 V	75	41.2	2.9
7	7266.00	44.7 PK	74.0	-29.3	1.28 V	169	35.9	8.8
8	7266.00	33.3 AV	54.0	-20.7	1.28 V	169	24.5	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 4	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	65.6 PK	74.0	-8.4	2.70 H	324	67.5	-1.9
2	2390.00	53.7 AV	54.0	-0.3	2.70 H	324	55.6	-1.9
3	*2427.00	109.9 PK			2.70 H	324	111.9	-2.0
4	*2427.00	100.4 AV			2.70 H	324	102.4	-2.0
5	4854.00	54.0 PK	74.0	-20.0	3.46 H	50	51.2	2.8
6	4854.00	39.9 AV	54.0	-14.1	3.46 H	50	37.1	2.8
7	7281.00	42.7 PK	74.0	-31.3	1.94 H	360	33.9	8.8
8	7281.00	30.0 AV	54.0	-24.0	1.94 H	360	21.2	8.8
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	2390.00	59.6 PK	74.0	-14.4	1.50 V	30	61.5	-1.9
2	2390.00	47.7 AV	54.0	-6.3	1.50 V	30	49.6	-1.9
3	*2427.00	104.7 PK			1.50 V	30	106.7	-2.0
4	*2427.00	93.8 AV			1.50 V	30	95.8	-2.0
5	4854.00	55.0 PK	74.0	-19.0	3.99 V	53	52.2	2.8
6	4854.00	44.0 AV	54.0	-10.0	3.99 V	53	41.2	2.8
7	7281.00	45.0 PK	74.0	-29.0	1.22 V	183	36.2	8.8
8	7281.00	33.2 AV	54.0	-20.8	1.22 V	183	24.4	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	64.8 PK	74.0	-9.2	2.68 H	314	66.7	-1.9
2	**2390.00**	**53.9 AV**	**54.0**	**-0.1**	**2.68 H**	**314**	**55.8**	**-1.9**
3	*2437.00	110.8 PK			2.68 H	314	112.8	-2.0
4	*2437.00	100.9 AV			2.68 H	314	102.9	-2.0
5	2483.50	64.5 PK	74.0	-9.5	2.68 H	314	66.4	-1.9
6	2483.50	51.8 AV	54.0	-2.2	2.68 H	314	53.7	-1.9
7	4874.00	53.3 PK	74.0	-20.7	3.48 H	64	50.5	2.8
8	4874.00	39.7 AV	54.0	-14.3	3.48 H	64	36.9	2.8
9	7311.00	43.2 PK	74.0	-30.8	1.94 H	360	34.3	8.9
10	7311.00	30.5 AV	54.0	-23.5	1.94 H	360	21.6	8.9
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	2390.00	58.6 PK	74.0	-15.4	1.43 V	29	60.5	-1.9
2	2390.00	48.4 AV	54.0	-5.6	1.43 V	29	50.3	-1.9
3	*2437.00	105.6 PK			1.43 V	29	107.6	-2.0
4	*2437.00	94.1 AV			1.43 V	29	96.1	-2.0
5	2483.50	57.7 PK	74.0	-16.3	1.43 V	29	59.6	-1.9
6	2483.50	46.9 AV	54.0	-7.1	1.43 V	29	48.8	-1.9
7	4874.00	54.6 PK	74.0	-19.4	3.95 V	67	51.8	2.8
8	4874.00	43.9 AV	54.0	-10.1	3.95 V	67	41.1	2.8
9	7311.00	45.0 PK	74.0	-29.0	1.23 V	163	36.1	8.9
10	7311.00	33.5 AV	54.0	-20.5	1.23 V	163	24.6	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 8	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2447.00	110.3 PK			2.58 H	312	112.2	-1.9
2	*2447.00	100.2 AV			2.58 H	312	102.1	-1.9
3	2483.50	65.6 PK	74.0	-8.4	2.58 H	312	67.5	-1.9
4	2483.50	53.6 AV	54.0	-0.4	2.58 H	312	55.5	-1.9
5	4894.00	53.9 PK	74.0	-20.1	3.51 H	50	51.2	2.7
6	4894.00	40.2 AV	54.0	-13.8	3.51 H	50	37.5	2.7
7	7341.00	42.7 PK	74.0	-31.3	1.95 H	340	33.7	9.0
8	7341.00	30.1 AV	54.0	-23.9	1.95 H	340	21.1	9.0
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	*2447.00	105.6 PK			1.53 V	15	107.5	-1.9
2	*2447.00	94.2 AV			1.53 V	15	96.1	-1.9
3	2483.50	59.6 PK	74.0	-14.4	1.53 V	15	61.5	-1.9
4	2483.50	48.2 AV	54.0	-5.8	1.53 V	15	50.1	-1.9
5	4894.00	54.4 PK	74.0	-19.6	3.98 V	68	51.7	2.7
6	4894.00	43.6 AV	54.0	-10.4	3.98 V	68	40.9	2.7
7	7341.00	45.2 PK	74.0	-28.8	1.24 V	158	36.2	9.0
8	7341.00	32.9 AV	54.0	-21.1	1.24 V	158	23.9	9.0

Remarks:

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

Channel	TX Channel 9	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2452.00	109.7 PK			2.64 H	320	111.6	-1.9
2	*2452.00	99.6 AV			2.64 H	320	101.5	-1.9
3	2484.16	64.3 PK	74.0	-9.7	2.64 H	320	66.2	-1.9
4	2484.16	53.6 AV	54.0	-0.4	2.64 H	320	55.5	-1.9
5	4904.00	54.0 PK	74.0	-20.0	3.50 H	41	51.3	2.7
6	4904.00	40.6 AV	54.0	-13.4	3.50 H	41	37.9	2.7
7	7356.00	42.7 PK	74.0	-31.3	1.97 H	331	33.8	8.9
8	7356.00	30.2 AV	54.0	-23.8	1.97 H	331	21.3	8.9
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	*2452.00	104.3 PK			1.49 V	21	106.2	-1.9
2	*2452.00	93.5 AV			1.49 V	21	95.4	-1.9
3	2483.50	60.9 PK	74.0	-13.1	1.49 V	21	62.8	-1.9
4	2483.50	48.5 AV	54.0	-5.5	1.49 V	21	50.4	-1.9
5	4904.00	54.6 PK	74.0	-19.4	3.95 V	55	51.9	2.7
6	4904.00	43.5 AV	54.0	-10.5	3.95 V	55	40.8	2.7
7	7356.00	45.3 PK	74.0	-28.7	1.22 V	170	36.4	8.9
8	7356.00	33.2 AV	54.0	-20.8	1.22 V	170	24.3	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	105.3 PK			2.68 H	312	107.2	-1.9
2	*2457.00	94.8 AV			2.68 H	312	96.7	-1.9
3	2484.40	65.2 PK	74.0	-8.8	2.68 H	312	67.1	-1.9
4	2484.40	53.7 AV	54.0	-0.3	2.68 H	312	55.6	-1.9
5	4914.00	53.7 PK	74.0	-20.3	3.50 H	43	51.0	2.7
6	4914.00	40.0 AV	54.0	-14.0	3.50 H	43	37.3	2.7
7	7371.00	42.3 PK	74.0	-31.7	1.97 H	341	33.4	8.9
8	7371.00	29.5 AV	54.0	-24.5	1.97 H	341	20.6	8.9
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	*2457.00	96.4 PK			1.55 V	21	98.3	-1.9
2	*2457.00	86.8 AV			1.55 V	21	88.7	-1.9
3	2484.88	56.7 PK	74.0	-17.3	1.55 V	21	58.6	-1.9
4	2484.88	45.6 AV	54.0	-8.4	1.55 V	21	47.5	-1.9
5	4914.00	53.9 PK	74.0	-20.1	3.94 V	114	51.2	2.7
6	4914.00	41.3 AV	54.0	-12.7	3.94 V	114	38.6	2.7
7	7371.00	43.2 PK	74.0	-30.8	1.30 V	148	34.3	8.9
8	7371.00	31.1 AV	54.0	-22.9	1.30 V	148	22.2	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	104.1 PK			2.69 H	312	106.0	-1.9
2	*2462.00	93.5 AV			2.69 H	312	95.4	-1.9
3	2483.50	64.3 PK	74.0	-9.7	2.69 H	312	66.2	-1.9
4	**2483.50**	**53.9 AV**	**54.0**	**-0.1**	**2.69 H**	**312**	**55.8**	**-1.9**
5	4924.00	52.1 PK	74.0	-21.9	3.62 H	68	49.4	2.7
6	4924.00	39.9 AV	54.0	-14.1	3.62 H	68	37.2	2.7
7	7386.00	39.7 PK	74.0	-34.3	1.92 H	349	30.7	9.0
8	7386.00	28.5 AV	54.0	-25.5	1.92 H	349	19.5	9.0
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	*2462.00	95.7 PK			1.54 V	26	97.6	-1.9
2	*2462.00	85.2 AV			1.54 V	26	87.1	-1.9
3	2483.50	56.1 PK	74.0	-17.9	1.54 V	26	58.0	-1.9
4	2483.50	46.0 AV	54.0	-8.0	1.54 V	26	47.9	-1.9
5	4924.00	51.0 PK	74.0	-23.0	3.92 V	76	48.3	2.7
6	4924.00	39.6 AV	54.0	-14.4	3.92 V	76	36.9	2.7
7	7386.00	39.7 PK	74.0	-34.3	1.24 V	127	30.7	9.0
8	7386.00	28.5 AV	54.0	-25.5	1.24 V	127	19.5	9.0

Remarks:

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

Below 1GHz Worst-Case Data

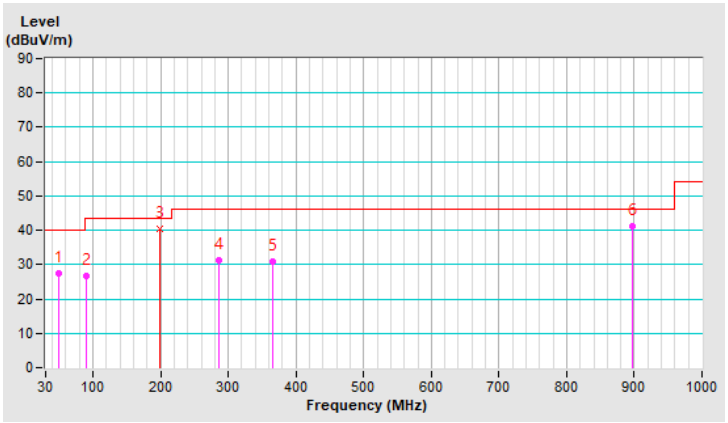
802.11b

Channel	TX Channel 6	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	50.08	27.6 QP	40.0	-12.4	2.00 H	189	35.1	-7.5
2	89.97	26.6 QP	43.5	-16.9	2.00 H	160	39.8	-13.2
3	**199.16**	**40.4 QP**	**43.5**	**-3.1**	**1.00 H**	**334**	**50.5**	**-10.1**
4	285.76	31.2 QP	46.0	-14.8	1.00 H	204	37.6	-6.4
5	365.15	30.8 QP	46.0	-15.2	1.00 H	312	34.7	-3.9
6	897.98	41.3 QP	46.0	-4.7	1.50 H	275	34.0	7.3

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 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.

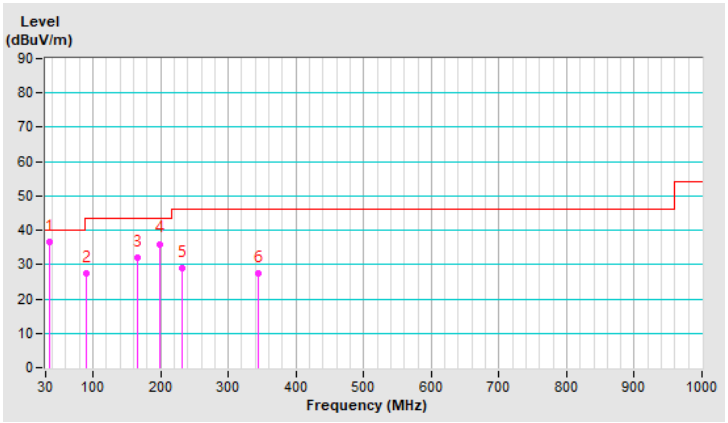


Channel	TX Channel 6	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	35.29	36.5 QP	40.0	-3.5	1.00 V	0	45.1	-8.6
2	89.58	27.4 QP	43.5	-16.1	1.50 V	175	40.6	-13.2
3	165.97	32.0 QP	43.5	-11.5	1.00 V	213	39.0	-7.0
4	199.53	36.0 QP	43.5	-7.5	2.00 V	254	46.1	-10.1
5	232.61	29.1 QP	46.0	-16.9	2.00 V	312	37.9	-8.8
6	343.67	27.4 QP	46.0	-18.6	2.00 V	162	31.9	-4.5

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 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 (Mode 2)

Above 1GHz Data：

802.11b

Channel	TX Channel 1	**Detector Function**	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2387.24	55.3 PK	74.0	-18.7	2.77 H	172	57.2	-1.9
2	2387.24	42.3 AV	54.0	-11.7	2.77 H	172	44.2	-1.9
3	*2412.00	100.3 PK			2.77 H	172	102.2	-1.9
4	*2412.00	98.5 AV			2.77 H	172	100.4	-1.9
5	4824.00	46.9 PK	74.0	-27.1	1.14 H	49	44.0	2.9
6	4824.00	44.7 AV	54.0	-9.3	1.14 H	49	41.8	2.9
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	2390.00	55.1 PK	74.0	-18.9	1.22 V	41	57.0	-1.9
2	2390.00	44.2 AV	54.0	-9.8	1.22 V	41	46.1	-1.9
3	*2412.00	110.9 PK			1.22 V	41	112.8	-1.9
4	*2412.00	108.8 AV			1.22 V	41	110.7	-1.9
5	4824.00	50.9 PK	74.0	-23.1	1.05 V	132	48.0	2.9
6	4824.00	49.3 AV	54.0	-4.7	1.05 V	132	46.4	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	52.7 PK	74.0	-21.3	3.16 H	249	54.6	-1.9
2	2390.00	40.1 AV	54.0	-13.9	3.16 H	249	42.0	-1.9
3	*2417.00	101.3 PK			3.16 H	249	103.2	-1.9
4	*2417.00	98.6 AV			3.16 H	249	100.5	-1.9
5	4834.00	46.8 PK	74.0	-27.2	1.10 H	53	43.9	2.9
6	4834.00	44.8 AV	54.0	-9.2	1.10 H	53	41.9	2.9
7	7251.00	44.1 PK	74.0	-29.9	1.00 H	80	35.3	8.8
8	7251.00	34.5 AV	54.0	-19.5	1.00 H	80	25.7	8.8
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	2390.00	53.7 PK	74.0	-20.3	1.17 V	31	55.6	-1.9
2	2390.00	41.9 AV	54.0	-12.1	1.17 V	31	43.8	-1.9
3	*2417.00	110.6 PK			1.17 V	31	112.5	-1.9
4	*2417.00	108.7 AV			1.17 V	31	110.6	-1.9
5	4834.00	50.8 PK	74.0	-23.2	1.00 V	128	47.9	2.9
6	4834.00	49.1 AV	54.0	-4.9	1.00 V	128	46.2	2.9
7	7251.00	47.2 PK	74.0	-26.8	1.51 V	199	38.4	8.8
8	7251.00	36.8 AV	54.0	-17.2	1.51 V	199	28.0	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	56.3 PK	74.0	-17.7	3.20 H	240	58.2	-1.9
2	2390.00	42.5 AV	54.0	-11.5	3.20 H	240	44.4	-1.9
3	*2437.00	101.5 PK			3.20 H	240	103.5	-2.0
4	*2437.00	98.6 AV			3.20 H	240	100.6	-2.0
5	2483.50	55.9 PK	74.0	-18.1	3.20 H	240	57.8	-1.9
6	2483.50	41.8 AV	54.0	-12.2	3.20 H	240	43.7	-1.9
7	4874.00	46.3 PK	74.0	-27.7	1.06 H	63	43.5	2.8
8	4874.00	44.3 AV	54.0	-9.7	1.06 H	63	41.5	2.8
9	7311.00	44.3 PK	74.0	-29.7	1.00 H	72	35.4	8.9
10	7311.00	34.7 AV	54.0	-19.3	1.00 H	72	25.8	8.9
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	2390.00	57.2 PK	74.0	-16.8	1.44 V	43	59.1	-1.9
2	2390.00	46.3 AV	54.0	-7.7	1.44 V	43	48.2	-1.9
3	*2437.00	110.6 PK			1.44 V	43	112.6	-2.0
4	*2437.00	108.5 AV			1.44 V	43	110.5	-2.0
5	2483.50	56.5 PK	74.0	-17.5	1.44 V	43	58.4	-1.9
6	2483.50	45.6 AV	54.0	-8.4	1.44 V	43	47.5	-1.9
7	4874.00	50.9 PK	74.0	-23.1	1.01 V	129	48.1	2.8
8	4874.00	49.5 AV	54.0	-4.5	1.01 V	129	46.7	2.8
9	7311.00	47.7 PK	74.0	-26.3	1.47 V	199	38.8	8.9
10	7311.00	36.9 AV	54.0	-17.1	1.47 V	199	28.0	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	100.1 PK			2.58 H	234	102.0	-1.9
2	*2457.00	97.9 AV			2.58 H	234	99.8	-1.9
3	2483.50	54.6 PK	74.0	-19.4	2.58 H	234	56.5	-1.9
4	2483.50	42.7 AV	54.0	-11.3	2.58 H	234	44.6	-1.9
5	4914.00	46.9 PK	74.0	-27.1	1.10 H	52	44.2	2.7
6	4914.00	45.1 AV	54.0	-8.9	1.10 H	52	42.4	2.7
7	7371.00	44.4 PK	74.0	-29.6	1.00 H	60	35.5	8.9
8	7371.00	34.8 AV	54.0	-19.2	1.00 H	60	25.9	8.9
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	*2457.00	111.0 PK			1.21 V	42	112.9	-1.9
2	*2457.00	108.7 AV			1.21 V	42	110.6	-1.9
3	2483.50	58.9 PK	74.0	-15.1	1.21 V	42	60.8	-1.9
4	2483.50	47.8 AV	54.0	-6.2	1.21 V	42	49.7	-1.9
5	4914.00	51.1 PK	74.0	-22.9	1.01 V	135	48.4	2.7
6	4914.00	49.5 AV	54.0	-4.5	1.01 V	135	46.8	2.7
7	7371.00	47.3 PK	74.0	-26.7	1.50 V	221	38.4	8.9
8	7371.00	36.8 AV	54.0	-17.2	1.50 V	221	27.9	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	100.4 PK			2.58 H	230	102.3	-1.9
2	*2462.00	98.2 AV			2.58 H	230	100.1	-1.9
3	2485.75	56.0 PK	74.0	-18.0	2.58 H	230	57.9	-1.9
4	2485.75	45.6 AV	54.0	-8.4	2.58 H	230	47.5	-1.9
5	4924.00	47.1 PK	74.0	-26.9	1.09 H	67	44.4	2.7
6	4924.00	45.0 AV	54.0	-9.0	1.09 H	67	42.3	2.7
7	7386.00	44.6 PK	74.0	-29.4	1.03 H	67	35.6	9.0
8	7386.00	34.7 AV	54.0	-19.3	1.03 H	67	25.7	9.0
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	*2462.00	110.7 PK			1.79 V	33	112.6	-1.9
2	*2462.00	108.6 AV			1.79 V	33	110.5	-1.9
3	2486.15	61.2 PK	74.0	-12.8	1.79 V	33	63.1	-1.9
4	2486.15	50.6 AV	54.0	-3.4	1.79 V	33	52.5	-1.9
5	4924.00	51.1 PK	74.0	-22.9	1.00 V	155	48.4	2.7
6	4924.00	49.4 AV	54.0	-4.6	1.00 V	155	46.7	2.7
7	7386.00	47.2 PK	74.0	-26.8	1.48 V	203	38.2	9.0
8	7386.00	36.5 AV	54.0	-17.5	1.48 V	203	27.5	9.0

Remarks:

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

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	96.6 PK			3.04 H	257	98.5	-1.9
2	*2467.00	94.2 AV			3.04 H	257	96.1	-1.9
3	2484.07	57.0 PK	74.0	-17.0	3.04 H	257	58.9	-1.9
4	2484.07	44.6 AV	54.0	-9.4	3.04 H	257	46.5	-1.9
5	4934.00	45.7 PK	74.0	-28.3	1.07 H	101	43.0	2.7
6	4934.00	42.3 AV	54.0	-11.7	1.07 H	101	39.6	2.7
7	7401.00	41.6 PK	74.0	-32.4	3.21 H	216	32.7	8.9
8	7401.00	31.6 AV	54.0	-22.4	3.21 H	216	22.7	8.9
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	*2467.00	100.5 PK			1.19 V	109	102.4	-1.9
2	*2467.00	97.6 AV			1.19 V	109	99.5	-1.9
3	2484.23	59.3 PK	74.0	-14.7	1.19 V	109	61.2	-1.9
4	**2484.23**	**53.9 AV**	**54.0**	**-0.1**	**1.19 V**	**109**	**55.8**	**-1.9**
5	4934.00	47.6 PK	74.0	-26.4	1.31 V	160	44.9	2.7
6	4934.00	46.3 AV	54.0	-7.7	1.31 V	160	43.6	2.7
7	7401.00	43.8 PK	74.0	-30.2	1.09 V	121	34.9	8.9
8	7401.00	33.1 AV	54.0	-20.9	1.09 V	121	24.2	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	95.6 PK			3.51 H	242	97.5	-1.9
2	*2472.00	92.8 AV			3.51 H	242	94.7	-1.9
3	2487.67	56.9 PK	74.0	-17.1	3.51 H	242	58.8	-1.9
4	2487.67	45.5 AV	54.0	-8.5	3.51 H	242	47.4	-1.9
5	4944.00	43.4 PK	74.0	-30.6	1.07 H	34	40.6	2.8
6	4944.00	40.6 AV	54.0	-13.4	1.07 H	34	37.8	2.8
7	7416.00	38.5 PK	74.0	-35.5	3.17 H	201	29.5	9.0
8	7416.00	30.2 AV	54.0	-23.8	3.17 H	201	21.2	9.0
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	*2472.00	96.5 PK			1.22 V	110	98.4	-1.9
2	*2472.00	93.5 AV			1.22 V	110	95.4	-1.9
3	2485.44	59.1 PK	74.0	-14.9	1.22 V	110	61.0	-1.9
4	2485.44	53.8 AV	54.0	-0.2	1.22 V	110	55.7	-1.9
5	4944.00	45.2 PK	74.0	-28.8	2.16 V	69	42.4	2.8
6	4944.00	43.7 AV	54.0	-10.3	2.16 V	69	40.9	2.8
7	7416.00	40.3 PK	74.0	-33.7	1.04 V	120	31.3	9.0
8	7416.00	31.1 AV	54.0	-22.9	1.04 V	120	22.1	9.0

Remarks:

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

802.11g

Channel	TX Channel 1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2384.76	57.2 PK	74.0	-16.8	2.66 H	239	59.1	-1.9
2	2384.76	44.5 AV	54.0	-9.5	2.66 H	239	46.4	-1.9
3	2388.39	53.4 PK	74.0	-20.6	2.66 H	239	55.3	-1.9
4	2388.39	45.3 AV	54.0	-8.7	2.66 H	239	47.2	-1.9
5	*2412.00	102.0 PK			2.66 H	239	103.9	-1.9
6	*2412.00	94.0 AV			2.66 H	239	95.9	-1.9
7	4824.00	49.0 PK	74.0	-25.0	1.05 H	120	46.1	2.9
8	4824.00	38.6 AV	54.0	-15.4	1.05 H	120	35.7	2.9
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	2390.00	68.8 PK	74.0	-5.2	1.20 V	80	70.7	-1.9
2	2390.00	51.6 AV	54.0	-2.4	1.20 V	80	53.5	-1.9
3	*2412.00	114.5 PK			1.20 V	80	116.4	-1.9
4	*2412.00	105.5 AV			1.20 V	80	107.4	-1.9
5	4824.00	52.2 PK	74.0	-21.8	2.36 V	204	49.3	2.9
6	4824.00	40.1 AV	54.0	-13.9	2.36 V	204	37.2	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	58.9 PK	74.0	-15.1	2.81 H	247	60.8	-1.9
2	2390.00	46.6 AV	54.0	-7.4	2.81 H	247	48.5	-1.9
3	*2417.00	102.9 PK			2.81 H	247	104.8	-1.9
4	*2417.00	96.1 AV			2.81 H	247	98.0	-1.9
5	4834.00	49.7 PK	74.0	-24.3	2.70 H	39	46.8	2.9
6	4834.00	39.7 AV	54.0	-14.3	2.70 H	39	36.8	2.9
7	7251.00	43.8 PK	74.0	-30.2	3.16 H	214	35.0	8.8
8	7251.00	33.2 AV	54.0	-20.8	3.16 H	214	24.4	8.8
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	2390.00	64.8 PK	74.0	-9.2	1.76 V	94	66.7	-1.9
2	2390.00	51.7 AV	54.0	-2.3	1.76 V	94	53.6	-1.9
3	*2417.00	114.6 PK			1.76 V	94	116.5	-1.9
4	*2417.00	106.2 AV			1.76 V	94	108.1	-1.9
5	4834.00	52.1 PK	74.0	-21.9	2.16 V	278	49.2	2.9
6	4834.00	43.3 AV	54.0	-10.7	2.16 V	278	40.4	2.9
7	7251.00	47.2 PK	74.0	-26.8	2.12 V	208	38.4	8.8
8	7251.00	36.6 AV	54.0	-17.4	2.12 V	208	27.8	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	59.5 PK	74.0	-14.5	2.83 H	239	61.4	-1.9
2	2390.00	48.0 AV	54.0	-6.0	2.83 H	239	49.9	-1.9
3	*2437.00	103.2 PK			2.83 H	239	105.2	-2.0
4	*2437.00	96.2 AV			2.83 H	239	98.2	-2.0
5	2483.50	56.5 PK	74.0	-17.5	2.83 H	239	58.4	-1.9
6	2483.50	44.4 AV	54.0	-9.6	2.83 H	239	46.3	-1.9
7	4874.00	50.4 PK	74.0	-23.6	2.69 H	42	47.6	2.8
8	4874.00	40.1 AV	54.0	-13.9	2.69 H	42	37.3	2.8
9	7311.00	44.0 PK	74.0	-30.0	3.21 H	208	35.1	8.9
10	7311.00	33.4 AV	54.0	-20.6	3.21 H	208	24.5	8.9
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	2390.00	63.4 PK	74.0	-10.6	1.73 V	81	65.3	-1.9
2	2390.00	52.2 AV	54.0	-1.8	1.73 V	81	54.1	-1.9
3	*2437.00	115.2 PK			1.73 V	81	117.2	-2.0
4	*2437.00	106.3 AV			1.73 V	81	108.3	-2.0
5	2483.50	61.4 PK	74.0	-12.6	1.73 V	81	63.3	-1.9
6	2483.50	49.8 AV	54.0	-4.2	1.73 V	81	51.7	-1.9
7	4874.00	52.0 PK	74.0	-22.0	2.14 V	275	49.2	2.8
8	4874.00	43.4 AV	54.0	-10.6	2.14 V	275	40.6	2.8
9	7311.00	47.0 PK	74.0	-27.0	2.17 V	212	38.1	8.9
10	7311.00	36.4 AV	54.0	-17.6	2.17 V	212	27.5	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	102.9 PK			2.89 H	250	104.8	-1.9
2	*2457.00	96.0 AV			2.89 H	250	97.9	-1.9
3	2483.50	56.7 PK	74.0	-17.3	2.89 H	250	58.6	-1.9
4	2483.50	43.7 AV	54.0	-10.3	2.89 H	250	45.6	-1.9
5	4914.00	49.7 PK	74.0	-24.3	2.92 H	30	47.0	2.7
6	4914.00	39.6 AV	54.0	-14.4	2.92 H	30	36.9	2.7
7	7371.00	42.7 PK	74.0	-31.3	3.25 H	212	33.8	8.9
8	7371.00	32.5 AV	54.0	-21.5	3.25 H	212	23.6	8.9
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	*2457.00	115.3 PK			1.76 V	67	117.2	-1.9
2	*2457.00	106.0 AV			1.76 V	67	107.9	-1.9
3	2483.50	64.5 PK	74.0	-9.5	1.76 V	67	66.4	-1.9
4	2483.50	52.1 AV	54.0	-1.9	1.76 V	67	54.0	-1.9
5	4914.00	52.4 PK	74.0	-21.6	3.98 V	130	49.7	2.7
6	4914.00	43.7 AV	54.0	-10.3	3.98 V	130	41.0	2.7
7	7371.00	46.9 PK	74.0	-27.1	2.13 V	224	38.0	8.9
8	7371.00	36.4 AV	54.0	-17.6	2.13 V	224	27.5	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	101.0 PK			2.60 H	240	102.9	-1.9
2	*2462.00	93.4 AV			2.60 H	240	95.3	-1.9
3	2483.76	54.1 PK	74.0	-19.9	2.60 H	240	56.0	-1.9
4	2483.76	44.0 AV	54.0	-10.0	2.60 H	240	45.9	-1.9
5	4924.00	49.9 PK	74.0	-24.1	2.92 H	30	47.2	2.7
6	4924.00	38.7 AV	54.0	-15.3	2.92 H	30	36.0	2.7
7	7386.00	42.7 PK	74.0	-31.3	3.25 H	212	33.7	9.0
8	7386.00	32.5 AV	54.0	-21.5	3.25 H	212	23.5	9.0
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	*2462.00	112.3 PK			1.12 V	70	114.2	-1.9
2	*2462.00	105.0 AV			1.12 V	70	106.9	-1.9
3	2483.50	63.0 PK	74.0	-11.0	1.12 V	70	64.9	-1.9
4	2483.50	52.5 AV	54.0	-1.5	1.12 V	70	54.4	-1.9
5	4924.00	54.9 PK	74.0	-19.1	3.98 V	130	52.2	2.7
6	4924.00	40.4 AV	54.0	-13.6	3.98 V	130	37.7	2.7
7	7386.00	45.1 PK	74.0	-28.9	3.98 V	60	36.1	9.0
8	7386.00	33.7 AV	54.0	-20.3	3.98 V	60	24.7	9.0

Remarks:

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

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	91.3 PK			2.80 H	240	93.2	-1.9
2	*2467.00	84.2 AV			2.80 H	240	86.1	-1.9
3	2483.50	64.1 PK	74.0	-9.9	2.80 H	240	66.0	-1.9
4	2483.50	45.9 AV	54.0	-8.1	2.80 H	240	47.8	-1.9
5	4934.00	42.5 PK	74.0	-31.5	2.77 H	36	39.8	2.7
6	4934.00	32.1 AV	54.0	-21.9	2.77 H	36	29.4	2.7
7	7401.00	42.9 PK	74.0	-31.1	3.20 H	216	34.0	8.9
8	7401.00	32.6 AV	54.0	-21.4	3.20 H	216	23.7	8.9
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	*2467.00	108.6 PK			1.16 V	70	110.5	-1.9
2	*2467.00	100.9 AV			1.16 V	70	102.8	-1.9
3	2483.50	66.3 PK	74.0	-7.7	1.16 V	70	68.2	-1.9
4	2483.50	53.7 AV	54.0	-0.3	1.16 V	70	55.6	-1.9
5	4934.00	44.7 PK	74.0	-29.3	3.19 V	218	42.0	2.7
6	4934.00	34.2 AV	54.0	-19.8	3.19 V	218	31.5	2.7
7	7401.00	42.7 PK	74.0	-31.3	3.20 V	215	33.8	8.9
8	7401.00	32.4 AV	54.0	-21.6	3.20 V	215	23.5	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	87.4 PK			2.84 H	239	89.3	-1.9
2	*2472.00	79.3 AV			2.84 H	239	81.2	-1.9
3	2483.50	64.6 PK	74.0	-9.4	2.84 H	239	66.5	-1.9
4	2483.50	47.7 AV	54.0	-6.3	2.84 H	239	49.6	-1.9
5	4944.00	39.0 PK	74.0	-35.0	3.23 H	219	36.2	2.8
6	4944.00	28.0 AV	54.0	-26.0	3.23 H	219	25.2	2.8
7	7416.00	42.7 PK	74.0	-31.3	3.23 H	217	33.7	9.0
8	7416.00	32.4 AV	54.0	-21.6	3.23 H	217	23.4	9.0
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	*2472.00	103.2 PK			1.13 V	108	105.1	-1.9
2	*2472.00	96.6 AV			1.13 V	108	98.5	-1.9
3	2483.50	66.8 PK	74.0	-7.2	1.13 V	108	68.7	-1.9
4	2483.50	53.4 AV	54.0	-0.6	1.13 V	108	55.3	-1.9
5	4944.00	38.2 PK	74.0	-35.8	3.22 V	220	35.4	2.8
6	4944.00	28.3 AV	54.0	-25.7	3.22 V	220	25.5	2.8
7	7416.00	42.8 PK	74.0	-31.2	3.25 V	217	33.8	9.0
8	7416.00	32.7 AV	54.0	-21.3	3.25 V	217	23.7	9.0

Remarks:

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

802.11ax (HE20)

Channel	TX Channel 1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	58.1 PK	74.0	-15.9	2.95 H	238	60.0	-1.9
2	2390.00	45.4 AV	54.0	-8.6	2.95 H	238	47.3	-1.9
3	*2412.00	102.7 PK			2.95 H	238	104.6	-1.9
4	*2412.00	91.7 AV			2.95 H	238	93.6	-1.9
5	4824.00	45.6 PK	74.0	-28.4	1.07 H	35	42.7	2.9
6	4824.00	35.3 AV	54.0	-18.7	1.07 H	35	32.4	2.9
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	2390.00	65.7 PK	74.0	-8.3	1.86 V	215	67.6	-1.9
2	2390.00	53.6 AV	54.0	-0.4	1.86 V	215	55.5	-1.9
3	*2412.00	114.9 PK			1.86 V	215	116.8	-1.9
4	*2412.00	103.1 AV			1.86 V	215	105.0	-1.9
5	4824.00	48.6 PK	74.0	-25.4	3.12 V	218	45.7	2.9
6	4824.00	38.3 AV	54.0	-15.7	3.12 V	218	35.4	2.9

Remarks:

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

Channel	TX Channel 2	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	60.4 PK	74.0	-13.6	2.51 H	242	62.3	-1.9
2	2390.00	44.6 AV	54.0	-9.4	2.51 H	242	46.5	-1.9
3	*2417.00	104.3 PK			2.51 H	242	106.2	-1.9
4	*2417.00	92.2 AV			2.51 H	242	94.1	-1.9
5	4834.00	48.9 PK	74.0	-25.1	2.58 H	45	46.0	2.9
6	4834.00	37.7 AV	54.0	-16.3	2.58 H	45	34.8	2.9
7	7251.00	43.2 PK	74.0	-30.8	3.23 H	205	34.4	8.8
8	7251.00	32.4 AV	54.0	-21.6	3.23 H	205	23.6	8.8
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	2390.00	63.7 PK	74.0	-10.3	1.92 V	239	65.6	-1.9
2	2390.00	53.5 AV	54.0	-0.5	1.92 V	239	55.4	-1.9
3	*2417.00	114.7 PK			1.92 V	239	116.6	-1.9
4	*2417.00	103.4 AV			1.92 V	239	105.3	-1.9
5	4834.00	46.6 PK	74.0	-27.4	3.37 V	72	43.7	2.9
6	4834.00	34.5 AV	54.0	-19.5	3.37 V	72	31.6	2.9
7	7251.00	42.8 PK	74.0	-31.2	3.18 V	218	34.0	8.8
8	7251.00	32.4 AV	54.0	-21.6	3.18 V	218	23.6	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	59.1 PK	74.0	-14.9	2.62 H	239	61.0	-1.9
2	2390.00	46.8 AV	54.0	-7.2	2.62 H	239	48.7	-1.9
3	*2437.00	106.1 PK			2.62 H	239	108.1	-2.0
4	*2437.00	94.8 AV			2.62 H	239	96.8	-2.0
5	2483.50	56.5 PK	74.0	-17.5	2.62 H	239	58.4	-1.9
6	2483.50	43.4 AV	54.0	-10.6	2.62 H	239	45.3	-1.9
7	4874.00	48.8 PK	74.0	-25.2	2.62 H	38	46.0	2.8
8	4874.00	37.4 AV	54.0	-16.6	2.62 H	38	34.6	2.8
9	7311.00	43.2 PK	74.0	-30.8	3.28 H	206	34.3	8.9
10	7311.00	32.5 AV	54.0	-21.5	3.28 H	206	23.6	8.9
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	2390.00	64.6 PK	74.0	-9.4	1.91 V	239	66.5	-1.9
2	2390.00	53.5 AV	54.0	-0.5	1.91 V	239	55.4	-1.9
3	*2437.00	115.5 PK			1.91 V	239	117.5	-2.0
4	*2437.00	104.9 AV			1.91 V	239	106.9	-2.0
5	2483.50	62.9 PK	74.0	-11.1	1.91 V	239	64.8	-1.9
6	2483.50	48.5 AV	54.0	-5.5	1.91 V	239	50.4	-1.9
7	4874.00	47.3 PK	74.0	-26.7	3.35 V	62	44.5	2.8
8	4874.00	35.0 AV	54.0	-19.0	3.35 V	62	32.2	2.8
9	7311.00	42.8 PK	74.0	-31.2	3.22 V	204	33.9	8.9
10	7311.00	32.5 AV	54.0	-21.5	3.22 V	204	23.6	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	104.5 PK			2.57 H	249	106.4	-1.9
2	*2457.00	92.5 AV			2.57 H	249	94.4	-1.9
3	2483.50	58.2 PK	74.0	-15.8	2.57 H	249	60.1	-1.9
4	2483.50	44.7 AV	54.0	-9.3	2.57 H	249	46.6	-1.9
5	4914.00	48.6 PK	74.0	-25.4	2.57 H	32	45.9	2.7
6	4914.00	37.1 AV	54.0	-16.9	2.57 H	32	34.4	2.7
7	7371.00	43.7 PK	74.0	-30.3	3.23 H	203	34.8	8.9
8	7371.00	32.9 AV	54.0	-21.1	3.23 H	203	24.0	8.9
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	*2457.00	115.0 PK			1.91 V	251	116.9	-1.9
2	*2457.00	103.6 AV			1.91 V	251	105.5	-1.9
3	2483.50	63.9 PK	74.0	-10.1	1.91 V	251	65.8	-1.9
4	2483.50	53.5 AV	54.0	-0.5	1.91 V	251	55.4	-1.9
5	4914.00	47.1 PK	74.0	-26.9	3.33 V	50	44.4	2.7
6	4914.00	34.8 AV	54.0	-19.2	3.33 V	50	32.1	2.7
7	7371.00	42.7 PK	74.0	-31.3	3.16 V	191	33.8	8.9
8	7371.00	32.3 AV	54.0	-21.7	3.16 V	191	23.4	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	103.0 PK			2.62 H	238	104.9	-1.9
2	*2462.00	91.8 AV			2.62 H	238	93.7	-1.9
3	2483.73	56.0 PK	74.0	-18.0	2.62 H	238	57.9	-1.9
4	2483.73	43.7 AV	54.0	-10.3	2.62 H	238	45.6	-1.9
5	4924.00	51.2 PK	74.0	-22.8	3.22 H	37	48.5	2.7
6	4924.00	39.4 AV	54.0	-14.6	3.22 H	37	36.7	2.7
7	7386.00	44.0 PK	74.0	-30.0	3.26 H	212	35.0	9.0
8	7386.00	33.0 AV	54.0	-21.0	3.26 H	212	24.0	9.0
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	*2462.00	113.5 PK			1.00 V	113	115.4	-1.9
2	*2462.00	102.4 AV			1.00 V	113	104.3	-1.9
3	2483.50	64.8 PK	74.0	-9.2	1.00 V	113	66.7	-1.9
4	**2483.50**	**53.9 AV**	**54.0**	**-0.1**	**1.00 V**	**113**	**55.8**	**-1.9**
5	4924.00	47.9 PK	74.0	-26.1	3.59 V	205	45.2	2.7
6	4924.00	35.5 AV	54.0	-18.5	3.59 V	205	32.8	2.7
7	7386.00	43.3 PK	74.0	-30.7	3.25 V	210	34.3	9.0
8	7386.00	32.7 AV	54.0	-21.3	3.25 V	210	23.7	9.0

Remarks:

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

Channel	TX Channel 12	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2467.00	91.1 PK			3.13 H	239	93.0	-1.9
2	*2467.00	80.5 AV			3.13 H	239	82.4	-1.9
3	2483.55	65.0 PK	74.0	-9.0	3.13 H	239	66.9	-1.9
4	2483.55	42.4 AV	54.0	-11.6	3.13 H	239	44.3	-1.9
5	4934.00	42.2 PK	74.0	-31.8	3.21 H	210	39.5	2.7
6	4934.00	32.2 AV	54.0	-21.8	3.21 H	210	29.5	2.7
7	7401.00	42.0 PK	74.0	-32.0	3.17 H	197	33.1	8.9
8	7401.00	31.9 AV	54.0	-22.1	3.17 H	197	23.0	8.9
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	*2467.00	108.6 PK			1.50 V	133	110.5	-1.9
2	*2467.00	98.3 AV			1.50 V	133	100.2	-1.9
3	2483.50	64.7 PK	74.0	-9.3	1.50 V	133	66.6	-1.9
4	**2483.50**	**53.9 AV**	**54.0**	**-0.1**	**1.50 V**	**133**	**55.8**	**-1.9**
5	4934.00	38.0 PK	74.0	-36.0	3.17 V	223	35.3	2.7
6	4934.00	28.0 AV	54.0	-26.0	3.17 V	223	25.3	2.7
7	7401.00	42.8 PK	74.0	-31.2	3.24 V	205	33.9	8.9
8	7401.00	32.6 AV	54.0	-21.4	3.24 V	205	23.7	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 13	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2472.00	87.6 PK			2.14 H	238	89.5	-1.9
2	*2472.00	77.0 AV			2.14 H	238	78.9	-1.9
3	2483.50	64.5 PK	74.0	-9.5	2.14 H	238	66.4	-1.9
4	2483.50	44.3 AV	54.0	-9.7	2.14 H	238	46.2	-1.9
5	4944.00	37.8 PK	74.0	-36.2	3.13 H	214	35.0	2.8
6	4944.00	27.7 AV	54.0	-26.3	3.13 H	214	24.9	2.8
7	7416.00	43.1 PK	74.0	-30.9	3.30 H	209	34.1	9.0
8	7416.00	33.2 AV	54.0	-20.8	3.30 H	209	24.2	9.0
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	*2472.00	102.3 PK			1.22 V	72	104.2	-1.9
2	*2472.00	93.7 AV			1.22 V	72	95.6	-1.9
3	2484.23	65.6 PK	74.0	-8.4	1.22 V	72	67.5	-1.9
4	2484.23	53.8 AV	54.0	-0.2	1.22 V	72	55.7	-1.9
5	4944.00	37.7 PK	74.0	-36.3	3.16 V	216	34.9	2.8
6	4944.00	27.9 AV	54.0	-26.1	3.16 V	216	25.1	2.8
7	7416.00	42.7 PK	74.0	-31.3	3.24 V	217	33.7	9.0
8	7416.00	32.8 AV	54.0	-21.2	3.24 V	217	23.8	9.0

Remarks:

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

802.11ax (HE40)

Channel	TX Channel 3	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2389.44	53.5 PK	74.0	-20.5	2.85 H	256	55.4	-1.9
2	2389.44	44.4 AV	54.0	-9.6	2.85 H	256	46.3	-1.9
3	*2422.00	96.8 PK			2.85 H	256	98.7	-1.9
4	*2422.00	85.7 AV			2.85 H	256	87.6	-1.9
5	4844.00	42.7 PK	74.0	-31.3	1.00 H	54	39.8	2.9
6	4844.00	30.0 AV	54.0	-24.0	1.00 H	54	27.1	2.9
7	7266.00	42.5 PK	74.0	-31.5	1.00 H	172	33.7	8.8
8	7266.00	32.6 AV	54.0	-21.4	1.00 H	172	23.8	8.8
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	2390.00	61.2 PK	74.0	-12.8	1.18 V	71	63.1	-1.9
2	2390.00	52.7 AV	54.0	-1.3	1.18 V	71	54.6	-1.9
3	*2422.00	107.8 PK			1.18 V	71	109.7	-1.9
4	*2422.00	99.1 AV			1.18 V	71	101.0	-1.9
5	4844.00	42.4 PK	74.0	-31.6	3.25 V	203	39.5	2.9
6	4844.00	31.4 AV	54.0	-22.6	3.25 V	203	28.5	2.9
7	7266.00	42.8 PK	74.0	-31.2	1.00 V	160	34.0	8.8
8	7266.00	32.8 AV	54.0	-21.2	1.00 V	160	24.0	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 4	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	56.4 PK	74.0	-17.6	2.79 H	241	58.3	-1.9
2	2390.00	45.2 AV	54.0	-8.8	2.79 H	241	47.1	-1.9
3	*2427.00	99.9 PK			2.79 H	241	101.9	-2.0
4	*2427.00	86.6 AV			2.79 H	241	88.6	-2.0
5	4854.00	48.5 PK	74.0	-25.5	1.13 H	106	45.7	2.8
6	4854.00	35.0 AV	54.0	-19.0	1.13 H	106	32.2	2.8
7	7281.00	41.6 PK	74.0	-32.4	3.22 H	222	32.8	8.8
8	7281.00	31.9 AV	54.0	-22.1	3.22 H	222	23.1	8.8
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	2390.00	63.6 PK	74.0	-10.4	1.15 V	111	65.5	-1.9
2	2390.00	53.5 AV	54.0	-0.5	1.15 V	111	55.4	-1.9
3	*2427.00	109.2 PK			1.15 V	111	111.2	-2.0
4	*2427.00	99.9 AV			1.15 V	111	101.9	-2.0
5	4854.00	46.1 PK	74.0	-27.9	1.00 V	210	43.3	2.8
6	4854.00	33.8 AV	54.0	-20.2	1.00 V	210	31.0	2.8
7	7281.00	42.0 PK	74.0	-32.0	3.24 V	220	33.2	8.8
8	7281.00	31.8 AV	54.0	-22.2	3.24 V	220	23.0	8.8

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 6	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	2390.00	59.1 PK	74.0	-14.9	2.75 H	239	61.0	-1.9
2	2390.00	44.5 AV	54.0	-9.5	2.75 H	239	46.4	-1.9
3	*2437.00	101.3 PK			2.75 H	239	103.3	-2.0
4	*2437.00	88.4 AV			2.75 H	239	90.4	-2.0
5	2483.50	55.6 PK	74.0	-18.4	2.75 H	239	57.5	-1.9
6	2483.50	42.4 AV	54.0	-11.6	2.75 H	239	44.3	-1.9
7	4874.00	48.1 PK	74.0	-25.9	1.00 H	110	45.3	2.8
8	4874.00	36.2 AV	54.0	-17.8	1.00 H	110	33.4	2.8
9	7311.00	42.0 PK	74.0	-32.0	3.20 H	234	33.1	8.9
10	7311.00	32.3 AV	54.0	-21.7	3.20 H	234	23.4	8.9
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	2390.00	64.0 PK	74.0	-10.0	2.11 V	243	65.9	-1.9
2	2390.00	53.6 AV	54.0	-0.4	2.11 V	243	55.5	-1.9
3	*2437.00	111.0 PK			2.11 V	243	113.0	-2.0
4	*2437.00	101.2 AV			2.11 V	243	103.2	-2.0
5	2483.50	65.2 PK	74.0	-8.8	2.11 V	243	67.1	-1.9
6	2483.50	53.3 AV	54.0	-0.7	2.11 V	243	55.2	-1.9
7	4874.00	47.3 PK	74.0	-26.7	1.08 V	219	44.5	2.8
8	4874.00	36.1 AV	54.0	-17.9	1.08 V	219	33.3	2.8
9	7311.00	42.2 PK	74.0	-31.8	3.25 V	222	33.3	8.9
10	7311.00	32.4 AV	54.0	-21.6	3.25 V	222	23.5	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 8	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2447.00	99.9 PK			2.75 H	244	101.8	-1.9
2	*2447.00	86.3 AV			2.75 H	244	88.2	-1.9
3	2483.50	57.6 PK	74.0	-16.4	2.75 H	244	59.5	-1.9
4	2483.50	46.8 AV	54.0	-7.2	2.75 H	244	48.7	-1.9
5	4894.00	47.8 PK	74.0	-26.2	1.08 H	98	45.1	2.7
6	4894.00	34.6 AV	54.0	-19.4	1.08 H	98	31.9	2.7
7	7341.00	41.8 PK	74.0	-32.2	3.18 H	238	32.8	9.0
8	7341.00	32.2 AV	54.0	-21.8	3.18 H	238	23.2	9.0
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	*2447.00	109.5 PK			1.16 V	123	111.4	-1.9
2	*2447.00	100.1 AV			1.16 V	123	102.0	-1.9
3	2483.50	62.7 PK	74.0	-11.3	1.16 V	123	64.6	-1.9
4	2483.50	53.6 AV	54.0	-0.4	1.16 V	123	55.5	-1.9
5	4894.00	46.7 PK	74.0	-27.3	1.02 V	219	44.0	2.7
6	4894.00	34.2 AV	54.0	-19.8	1.02 V	219	31.5	2.7
7	7341.00	42.3 PK	74.0	-31.7	3.27 V	230	33.3	9.0
8	7341.00	32.2 AV	54.0	-21.8	3.27 V	230	23.2	9.0

Remarks:

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

Channel	TX Channel 9	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2452.00	98.7 PK			2.80 H	256	100.6	-1.9
2	*2452.00	85.5 AV			2.80 H	256	87.4	-1.9
3	2484.06	58.7 PK	74.0	-15.3	2.80 H	256	60.6	-1.9
4	2484.06	46.1 AV	54.0	-7.9	2.80 H	256	48.0	-1.9
5	4904.00	43.3 PK	74.0	-30.7	1.13 H	216	40.6	2.7
6	4904.00	32.0 AV	54.0	-22.0	1.13 H	216	29.3	2.7
7	7356.00	43.6 PK	74.0	-30.4	1.17 H	221	34.7	8.9
8	7356.00	32.3 AV	54.0	-21.7	1.17 H	221	23.4	8.9
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	*2452.00	107.9 PK			1.13 V	116	109.8	-1.9
2	*2452.00	99.3 AV			1.13 V	116	101.2	-1.9
3	2483.50	63.5 PK	74.0	-10.5	1.13 V	116	65.4	-1.9
4	2483.50	53.5 AV	54.0	-0.5	1.13 V	116	55.4	-1.9
5	4904.00	43.2 PK	74.0	-30.8	1.16 V	222	40.5	2.7
6	4904.00	32.0 AV	54.0	-22.0	1.16 V	222	29.3	2.7
7	7356.00	41.8 PK	74.0	-32.2	3.29 V	210	32.9	8.9
8	7356.00	32.0 AV	54.0	-22.0	3.29 V	210	23.1	8.9

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.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 10	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2457.00	99.2 PK			3.13 H	256	101.1	-1.9
2	*2457.00	83.4 AV			3.13 H	256	85.3	-1.9
3	2485.27	58.8 PK	74.0	-15.2	3.13 H	256	60.7	-1.9
4	2485.27	48.3 AV	54.0	-5.7	3.13 H	256	50.2	-1.9
5	4914.00	45.7 PK	74.0	-28.3	1.02 H	207	43.0	2.7
6	4914.00	33.8 AV	54.0	-20.2	1.02 H	207	31.1	2.7
7	7371.00	42.7 PK	74.0	-31.3	3.19 H	198	33.8	8.9
8	7371.00	33.3 AV	54.0	-20.7	3.19 H	198	24.4	8.9
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	*2457.00	105.9 PK			1.12 V	112	107.8	-1.9
2	*2457.00	95.4 AV			1.12 V	112	97.3	-1.9
3	2484.75	62.3 PK	74.0	-11.7	1.12 V	112	64.2	-1.9
4	2484.75	53.7 AV	54.0	-0.3	1.12 V	112	55.6	-1.9
5	2488.01	69.6 PK	74.0	-4.4	1.12 V	112	71.5	-1.9
6	2488.01	51.7 AV	54.0	-2.3	1.12 V	112	53.6	-1.9
7	4914.00	45.4 PK	74.0	-28.6	1.01 V	219	42.7	2.7
8	4914.00	33.4 AV	54.0	-20.6	1.01 V	219	30.7	2.7
9	7371.00	42.5 PK	74.0	-31.5	3.25 V	209	33.6	8.9
10	7371.00	32.9 AV	54.0	-21.1	3.25 V	209	24.0	8.9

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.
5. " * ": Fundamental frequency.

Channel	TX Channel 11	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

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	*2462.00	97.7 PK			3.12 H	256	99.6	-1.9
2	*2462.00	81.1 AV			3.12 H	256	83.0	-1.9
3	2485.32	57.0 PK	74.0	-17.0	3.12 H	256	58.9	-1.9
4	2485.32	46.9 AV	54.0	-7.1	3.12 H	256	48.8	-1.9
5	4924.00	43.0 PK	74.0	-31.0	3.15 H	218	40.3	2.7
6	4924.00	33.2 AV	54.0	-20.8	3.15 H	218	30.5	2.7
7	7386.00	43.0 PK	74.0	-31.0	3.18 H	193	34.0	9.0
8	7386.00	33.5 AV	54.0	-20.5	3.18 H	193	24.5	9.0
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	*2462.00	106.6 PK			1.67 V	242	108.5	-1.9
2	*2462.00	95.1 AV			1.67 V	242	97.0	-1.9
3	2484.66	60.8 PK	74.0	-13.2	1.67 V	242	62.7	-1.9
4	2484.66	53.3 AV	54.0	-0.7	1.67 V	242	55.2	-1.9
5	2486.87	62.7 PK	74.0	-11.3	1.67 V	242	64.6	-1.9
6	2486.87	50.3 AV	54.0	-3.7	1.67 V	242	52.2	-1.9
7	4924.00	41.7 PK	74.0	-32.3	1.13 V	224	39.0	2.7
8	4924.00	31.4 AV	54.0	-22.6	1.13 V	224	28.7	2.7
9	7386.00	42.9 PK	74.0	-31.1	3.19 V	203	33.9	9.0
10	7386.00	33.2 AV	54.0	-20.8	3.19 V	203	24.2	9.0

Remarks:

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

Below 1GHz Worst-Case Data

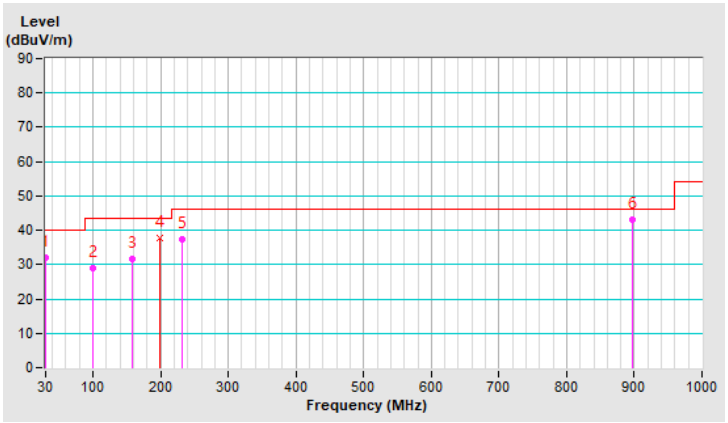
802.11b

Channel	TX Channel 6	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	30.58	31.9 QP	40.0	-8.1	3.00 H	110	40.8	-8.9
2	99.62	28.8 QP	43.5	-14.7	2.00 H	286	40.6	-11.8
3	158.19	31.7 QP	43.5	-11.8	2.00 H	320	38.5	-6.8
4	199.54	37.9 QP	43.5	-5.6	1.00 H	341	48.0	-10.1
5	232.34	37.3 QP	46.0	-8.7	1.50 H	194	46.1	-8.8
6	896.21	42.9 QP	46.0	-3.1	1.50 H	279	35.6	7.3

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 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.

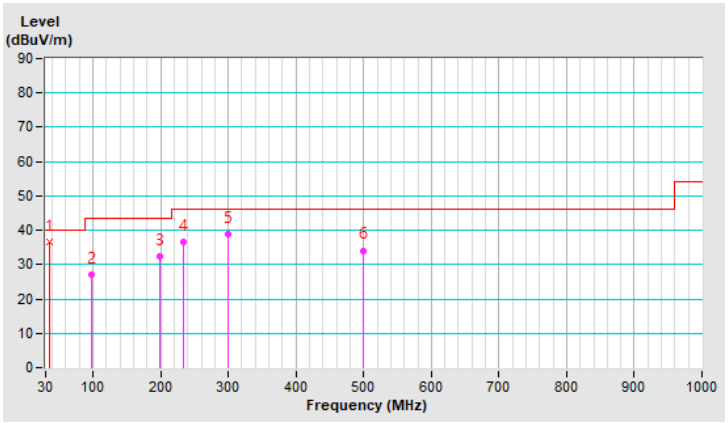


Channel	TX Channel 6	Detector Function	Quasi-Peak (QP)
Frequency Range	9kHz ~ 1GHz		

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	35.28	36.6 QP	40.0	-3.4	1.00 V	213	45.2	-8.6
2	97.37	27.2 QP	43.5	-16.3	1.50 V	276	39.2	-12.0
3	199.56	32.4 QP	43.5	-11.1	2.00 V	251	42.5	-10.1
4	232.83	36.5 QP	46.0	-9.5	1.00 V	360	45.2	-8.7
5	299.34	38.8 QP	46.0	-7.2	3.00 V	283	44.7	-5.9
6	498.90	34.1 QP	46.0	-11.9	1.00 V	204	34.5	-0.4

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 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.



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

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

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

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 23, 2019	Oct. 22, 2020
RF Cable	5D-FB	COCCAB-001	Sep. 27, 2019	Sep. 26, 2020
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:
1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
3. Tested Date: Sep. 08, 2020

4.2.3 Test Procedures

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

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

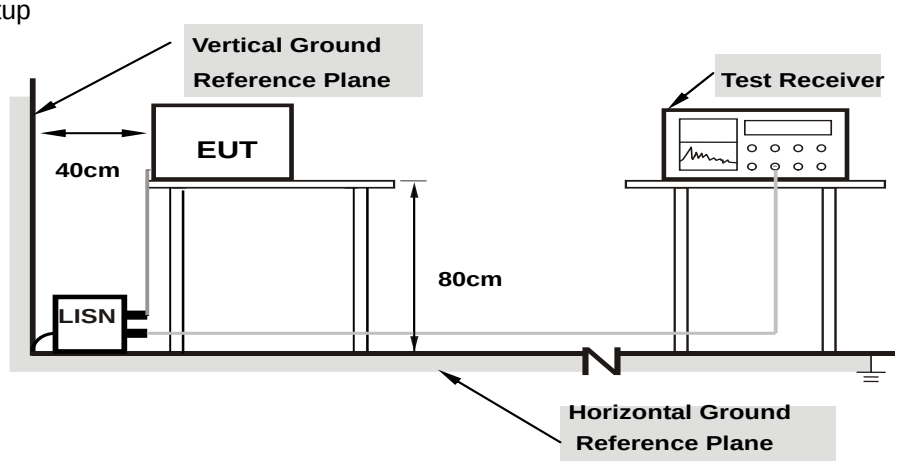
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Conditions

Same as 4.1.6.

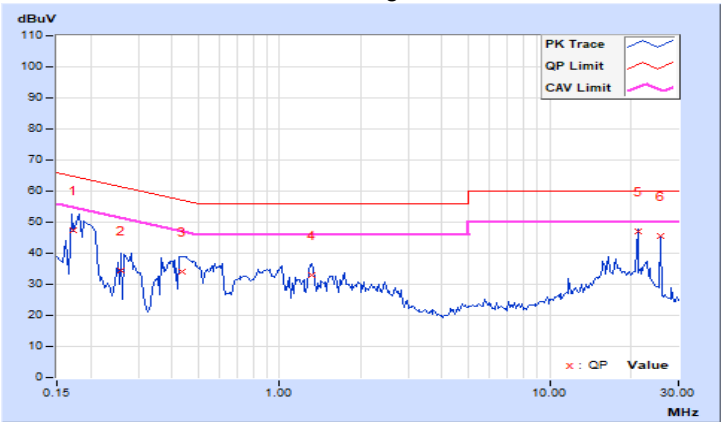
4.2.7 Test Results

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

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17253	9.92	37.63	11.06	47.55	20.98	64.84	54.84	-17.29	-33.86
2	0.25744	9.94	24.46	0.37	34.40	10.31	61.51	51.51	-27.11	-41.20
3	0.43516	9.95	24.29	5.69	34.24	15.64	57.15	47.15	-22.91	-31.51
4	1.32072	10.00	22.88	7.34	32.88	17.34	56.00	46.00	-23.12	-28.66
5	**21.16822**	**11.05**	**35.95**	**35.78**	**47.00**	**46.83**	**60.00**	**50.00**	**-13.00**	**-3.17**
6	25.87259	11.18	34.29	34.19	45.47	45.37	60.00	50.00	-14.53	-4.63

Remarks:

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

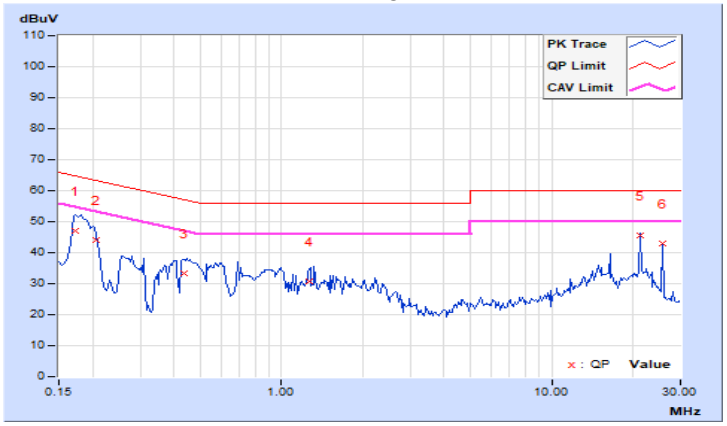


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17234	9.92	37.23	11.03	47.15	20.95	64.85	54.85	-17.70	-33.90
2	0.20547	9.93	34.21	12.62	44.14	22.55	63.39	53.39	-19.25	-30.84
3	0.43591	9.95	23.54	5.00	33.49	14.95	57.14	47.14	-23.65	-32.19
4	1.27259	10.00	20.66	4.51	30.66	14.51	56.00	46.00	-25.34	-31.49
5	21.16822	10.78	34.63	34.44	45.41	45.22	60.00	50.00	-14.59	-4.78
6	25.87184	10.86	32.25	32.18	43.11	43.04	60.00	50.00	-16.89	-6.96

Remarks:

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

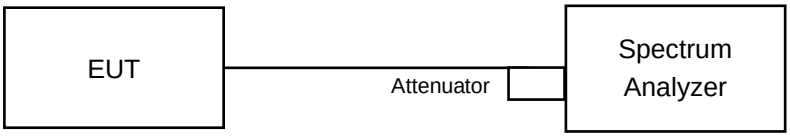


4.3 6dB Bandwidth Measurement

4.3.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission. In order to obtain results more easily, change max hold to view. It has no effect on the result

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

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

4.3.7 Test Result

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	8.11	8.12	0.5	Pass
2	2417	8.11	8.1	0.5	Pass
6	2437	8.12	8.1	0.5	Pass
10	2457	8.12	8.11	0.5	Pass
11	2462	8.08	8.09	0.5	Pass
12	2467	8.1	8.12	0.5	Pass
13	2472	8.11	8.1	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	15.83	16.35	0.5	Pass
2	2417	15.86	16.36	0.5	Pass
6	2437	15.85	16.35	0.5	Pass
10	2457	15.75	16.34	0.5	Pass
11	2462	15.84	16.39	0.5	Pass
12	2467	15.83	16.14	0.5	Pass
13	2472	15.84	16.35	0.5	Pass

802.11ax (HE20)

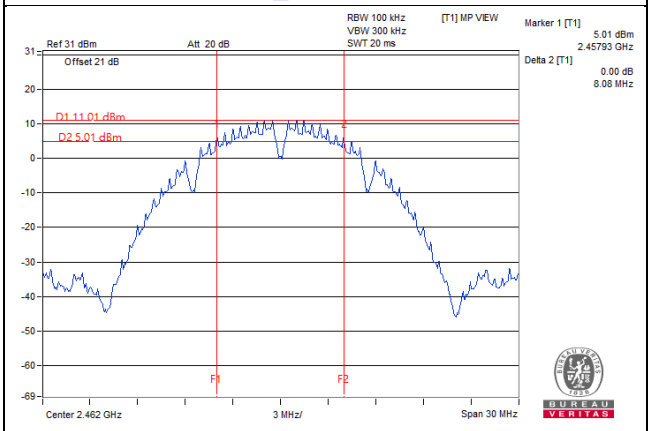
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	18.76	18.35	0.5	Pass
2	2417	18.73	18.73	0.5	Pass
6	2437	18.63	18.66	0.5	Pass
10	2457	18.56	18.39	0.5	Pass
11	2462	18.53	18.56	0.5	Pass
12	2467	18.59	18.85	0.5	Pass
13	2472	18.71	18.79	0.5	Pass

802.11ax (HE40)

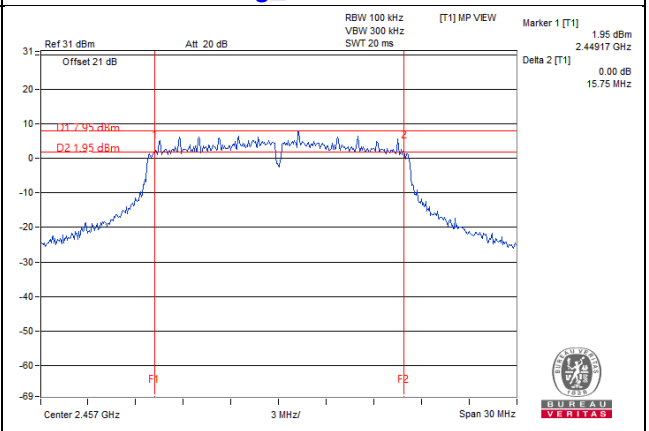
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	37.67	37.46	0.5	Pass
4	2427	37.4	37.62	0.5	Pass
6	2437	37.42	36.69	0.5	Pass
8	2447	37.53	37.31	0.5	Pass
9	2452	37.59	37.61	0.5	Pass
10	2457	37.73	35.41	0.5	Pass
11	2462	37.63	36.76	0.5	Pass

Spectrum Plot of Worst Value

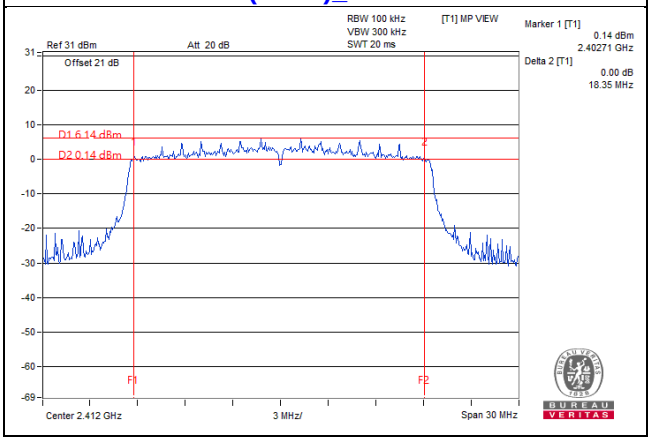
802.11b_Chain 0 / CH11



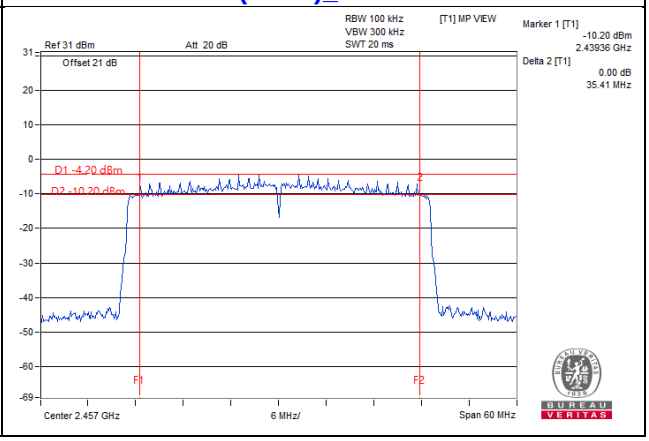
802.11g_Chain 0 / CH10



802.11ax (HE20)_Chain 1 / CH1



802.11ax (HE40)_Chain 1 / CH10



4.4 Conducted Output Power Measurement

4.4.1 Limits of Conducted Output Power Measurement

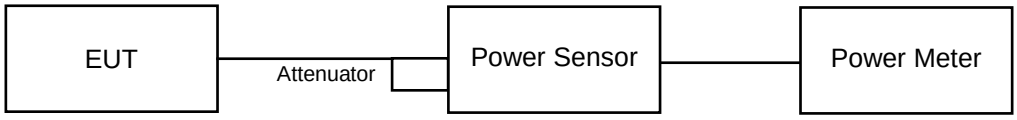
For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30dBm)

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedures

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Average power sensor was used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Same as Item 4.3.6.

4.4.7 Test Results

FOR PEAK POWER

802.11b

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	22.06	21.73	309.63	24.91	30.00	Pass
2	2417	22.11	21.77	312.869	24.95	30.00	Pass
6	2437	22.19	21.68	312.808	24.95	30.00	Pass
10	2457	21.99	21.63	303.671	24.82	30.00	Pass
11	2462	21.95	21.64	302.557	24.81	30.00	Pass
12	2467	18.04	18.21	129.901	21.14	30.00	Pass
13	2472	11.54	11.80	29.392	14.68	30.00	Pass

802.11g

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	25.39	25.79	725.254	28.60	30.00	Pass
2	2417	25.99	26.17	811.191	29.09	30.00	Pass
6	2437	25.63	25.93	757.337	28.79	30.00	Pass
10	2457	25.93	25.76	768.446	28.86	30.00	Pass
11	2462	24.86	24.64	597.268	27.76	30.00	Pass
12	2467	21.22	20.99	258.037	24.12	30.00	Pass
13	2472	14.95	16.39	74.812	18.74	30.00	Pass

VHT20

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	25.29	25.58	699.475	28.45	30.00	Pass
2	2417	25.37	25.56	704.099	28.48	30.00	Pass
6	2437	25.80	26.15	792.287	28.99	30.00	Pass
10	2457	25.25	25.52	691.417	28.40	30.00	Pass
11	2462	24.03	24.38	527.087	27.22	30.00	Pass
12	2467	18.81	19.59	167.024	22.23	30.00	Pass
13	2472	12.81	15.28	52.827	17.23	30.00	Pass

VHT40

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	23.80	23.70	474.306	26.76	30.00	Pass
4	2427	24.02	23.98	502.383	27.01	30.00	Pass
6	2437	23.86	24.46	522.475	27.18	30.00	Pass
8	2447	23.42	24.16	480.401	26.82	30.00	Pass
9	2452	23.43	23.54	446.236	26.50	30.00	Pass
10	2457	16.92	17.37	103.78	20.16	30.00	Pass
11	2462	15.72	15.55	73.217	18.65	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	25.54	25.87	744.463	28.72	30.00	Pass
2	2417	25.63	25.74	740.568	28.70	30.00	Pass
6	2437	26.06	26.43	843.187	29.26	30.00	Pass
10	2457	25.42	25.77	725.91	28.61	30.00	Pass
11	2462	24.31	24.63	560.176	27.48	30.00	Pass
12	2467	19.02	19.83	175.961	22.45	30.00	Pass
13	2472	13.10	15.56	56.392	17.51	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	24.06	23.99	505.294	27.04	30.00	Pass
4	2427	24.26	24.22	530.927	27.25	30.00	Pass
6	2437	24.14	24.70	554.539	27.44	30.00	Pass
8	2447	23.47	24.41	498.389	26.98	30.00	Pass
9	2452	23.70	23.76	472.107	26.74	30.00	Pass
10	2457	17.16	17.59	109.411	20.39	30.00	Pass
11	2462	15.98	15.79	77.559	18.90	30.00	Pass

FOR AVERAGE POWER

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	19.54	19.11	171.42	22.34
2	2417	19.61	19.18	174.206	22.41
6	2437	19.73	19.24	177.918	22.50
10	2457	19.54	19.11	171.42	22.34
11	2462	19.52	19.13	171.383	22.34
12	2467	15.53	15.66	72.54	18.61
13	2472	9.16	9.25	16.655	12.22

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	17.17	17.65	110.33	20.43
2	2417	18.24	18.44	136.504	21.35
6	2437	18.32	18.57	139.865	21.46
10	2457	18.25	18.30	134.443	21.29
11	2462	17.14	17.23	104.605	20.20
12	2467	12.12	12.33	33.393	15.24
13	2472	6.91	7.33	10.317	10.14

VHT20

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	16.59	16.86	94.133	19.74
2	2417	17.54	17.69	115.503	20.63
6	2437	17.92	18.29	129.397	21.12
10	2457	17.35	17.62	112.135	20.50
11	2462	16.30	16.62	88.578	19.47
12	2467	10.21	10.51	21.741	13.37
13	2472	5.48	5.94	7.458	8.73

VHT40

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	15.09	15.39	66.879	18.25
4	2427	15.64	15.79	74.575	18.73
6	2437	16.17	16.42	85.253	19.31
8	2447	15.49	15.74	72.897	18.63
9	2452	15.06	15.17	64.948	18.13
10	2457	8.50	8.83	14.718	11.68
11	2462	6.43	6.87	9.259	9.67

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
1	2412	16.86	17.12	100.052	20.00
2	2417	17.76	17.93	121.79	20.86
6	2437	18.14	18.50	135.957	21.33
10	2457	17.57	17.89	118.666	20.74
11	2462	16.59	16.88	94.357	19.75
12	2467	10.46	10.76	23.03	13.62
13	2472	5.71	6.17	7.864	8.96

802.11ax (HE40)

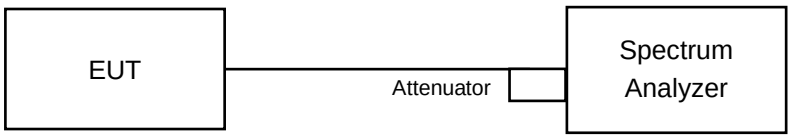
Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Average Power (mW)	Total Average Power (dBm)
		Chain 0	Chain 1		
3	2422	15.34	15.62	70.673	18.49
4	2427	15.89	16.01	78.718	18.96
6	2437	16.39	16.63	89.577	19.52
8	2447	15.74	15.99	77.216	18.88
9	2452	15.27	15.46	68.807	18.38
10	2457	8.71	9.10	15.558	11.92
11	2462	6.68	7.09	9.773	9.90

4.5 Power Spectral Density Measurement

4.5.1 Limits of Power Spectral Density Measurement

The Maximum of Power Spectral Density Measurement is 8dBm in any 3 kHz.

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

a. Set analyzer center frequency to DTS channel center frequency.
b. Set the span to 1.5 times the DTS bandwidth.
c. Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
d. Set the VBW ≥ 3 × RBW.
e. Detector = peak.
f. Sweep time = auto couple.
g. Trace mode = max hold.
h. Allow trace to fully stabilize.
i. Use the peak marker function to determine the maximum amplitude level within the RBW.
   In order to obtain results more easily, change max hold to view. It has no effect on the result

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6

4.5.7 Test Results

802.11b

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-2.53	-2.90	0.30	7.81	Pass
2	2417	-2.16	-2.54	0.66	7.81	Pass
6	2437	-2.45	-0.96	1.37	7.81	Pass
10	2457	-1.86	-2.54	0.82	7.81	Pass
11	2462	-1.26	-3.31	0.85	7.81	Pass
12	2467	-4.78	-6.16	-2.41	7.81	Pass
13	2472	-12.67	-12.05	-9.34	7.81	Pass

Note: Directional gain = 3.18dBi + 10log(2) = 6.19dBi > 6dBi , so the power density limit shall be reduced to 8-(6.19-6) = 7.81dBm.

802.11g

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-6.25	-6.64	-3.43	7.81	Pass
2	2417	-4.93	-5.69	-2.28	7.81	Pass
6	2437	-5.38	-5.47	-2.41	7.81	Pass
10	2457	-5.61	-5.78	-2.68	7.81	Pass
11	2462	-7.17	-6.45	-3.78	7.81	Pass
12	2467	-11.32	-10.47	-7.86	7.81	Pass
13	2472	-17.20	-16.67	-13.92	7.81	Pass

Note: Directional gain = 3.18dBi + 10log(2) = 6.19dBi > 6dBi , so the power density limit shall be reduced to 8-(6.19-6) = 7.81dBm.

802.11ax (HE20)

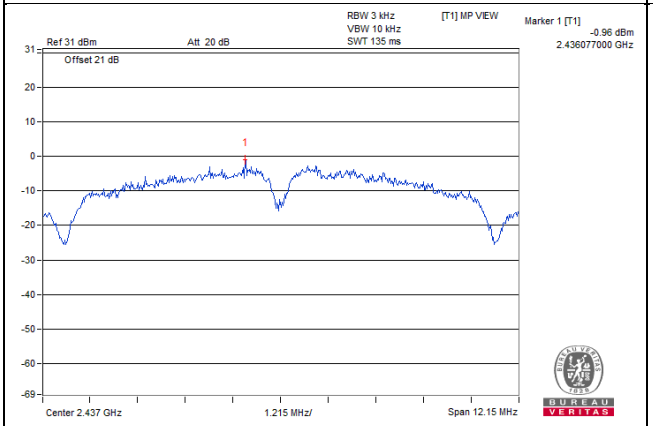
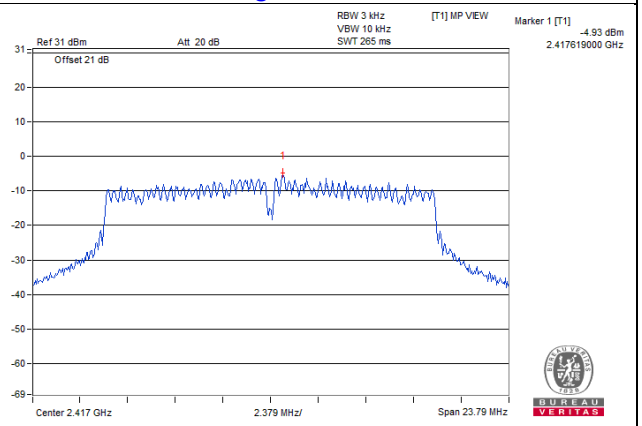
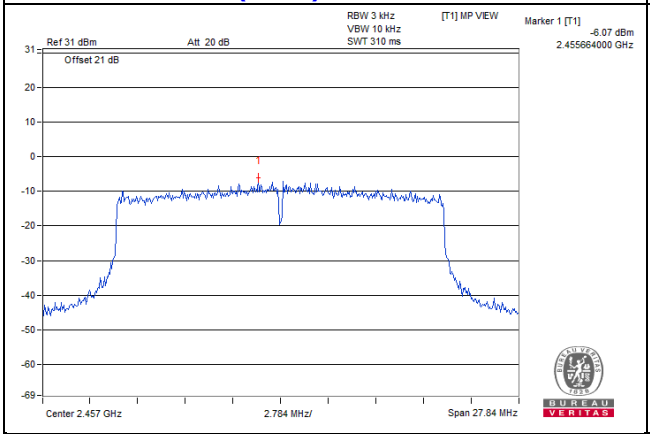
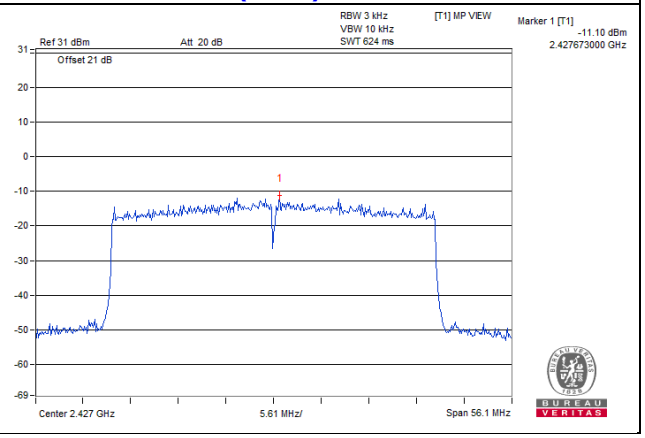
Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
1	2412	-7.34	-8.19	-4.73	7.81	Pass
2	2417	-7.70	-7.11	-4.38	7.81	Pass
6	2437	-6.87	-6.39	-3.61	7.81	Pass
10	2457	-6.07	-6.83	-3.42	7.81	Pass
11	2462	-7.62	-6.75	-4.15	7.81	Pass
12	2467	-15.54	-14.12	-11.76	7.81	Pass
13	2472	-19.95	-19.67	-16.80	7.81	Pass

Note: Directional gain = 3.18dBi + 10log(2) = 6.19dBi > 6dBi , so the power density limit shall be reduced to 8-(6.19-6) = 7.81dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD (dBm/3kHz)		Total PSD (dBm/3kHz)	PSD Limit (dBm/3kHz)	Pass / Fail
		Chain 0	Chain 1			
3	2422	-12.42	-11.91	-9.15	7.81	Pass
4	2427	-11.10	-12.03	-8.53	7.81	Pass
6	2437	-11.64	-11.30	-8.46	7.81	Pass
8	2447	-11.48	-11.19	-8.32	7.81	Pass
9	2452	-11.68	-13.15	-9.34	7.81	Pass
10	2457	-19.39	-18.95	-16.15	7.81	Pass
11	2462	-19.11	-19.73	-16.40	7.81	Pass

Note: Directional gain = 3.18dBi + 10log(2) = 6.19dBi > 6dBi , so the power density limit shall be reduced to 8-(6.19-6) = 7.81dBm.

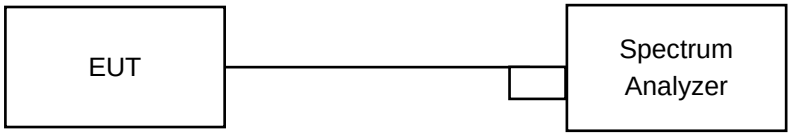
Spectrum Plot of Worst Value	
802.11b_Chain 1 / CH6	**802.11g_Chain 0 / CH2**
	
802.11ax (HE20) _Chain 0 / CH10	**802.11ax (HE20) _Chain 0 / CH4**
	

4.6 Conducted Out of Band Emission Measurement

4.6.1 Limits of Conducted Out of Band Emission Measurement

Below 20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.. In order to obtain results more easily, change max hold to view. It has no effect on the result.

MEASUREMENT PROCEDURE OOBE

1. Set RBW = 100 kHz.
2. Set VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep = auto couple.
5. Trace Mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum amplitude level.
   In order to obtain results more easily, change max hold to view. It has no effect on the result.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Same as Item 4.3.6

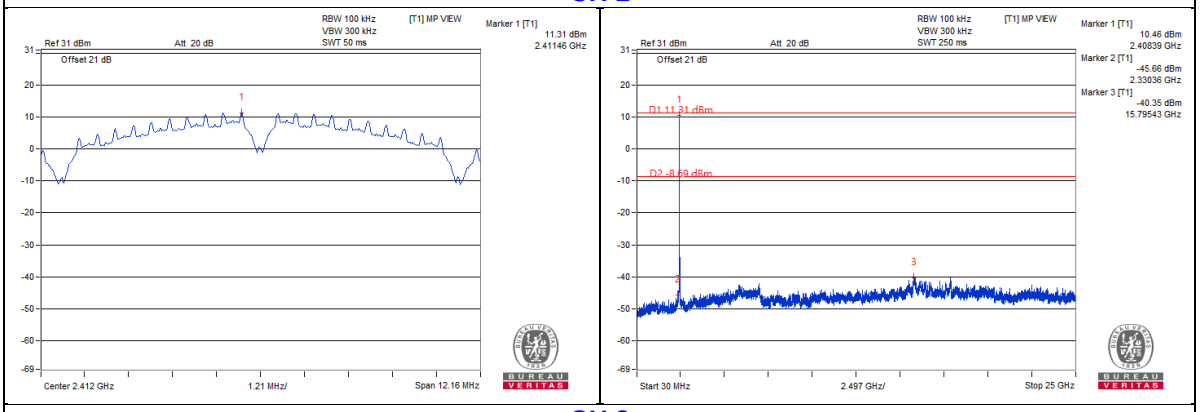
4.6.7 Test Results

The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement.

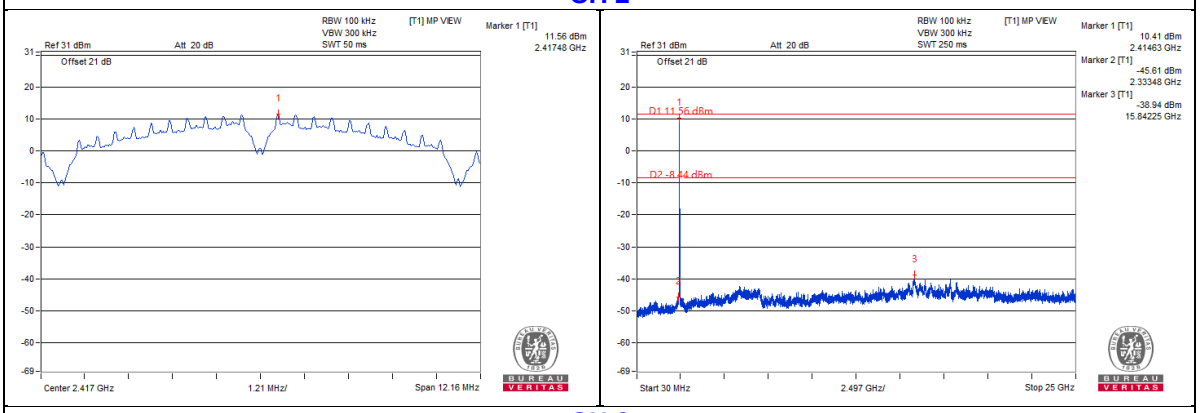
802.11b

Chain 0

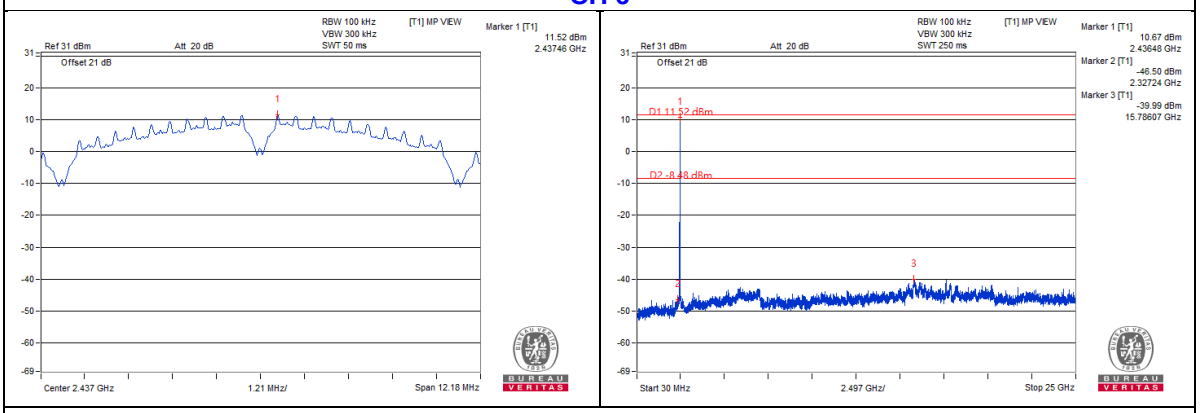
CH 1



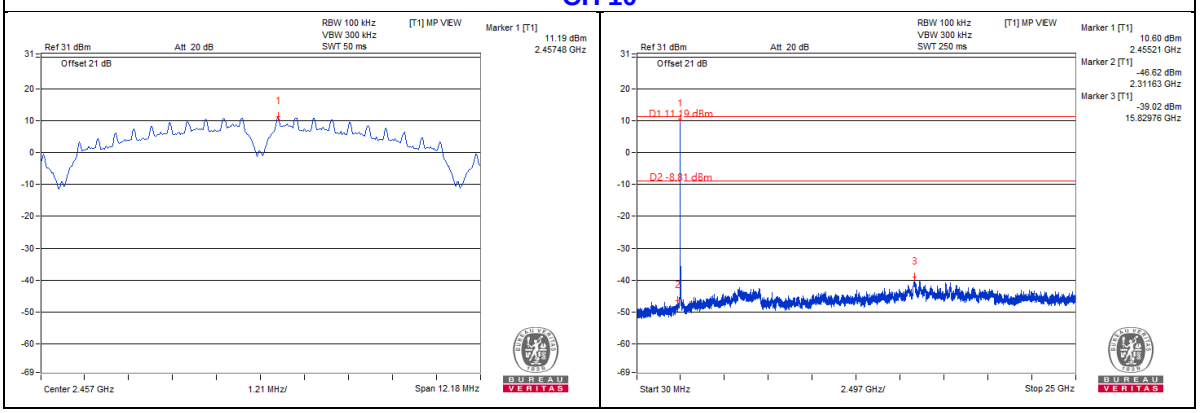
CH 2



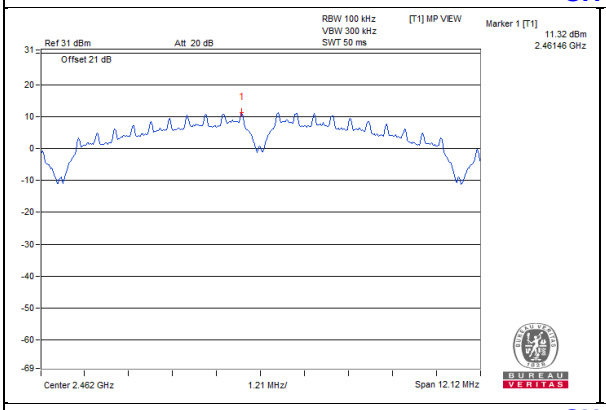
CH 6

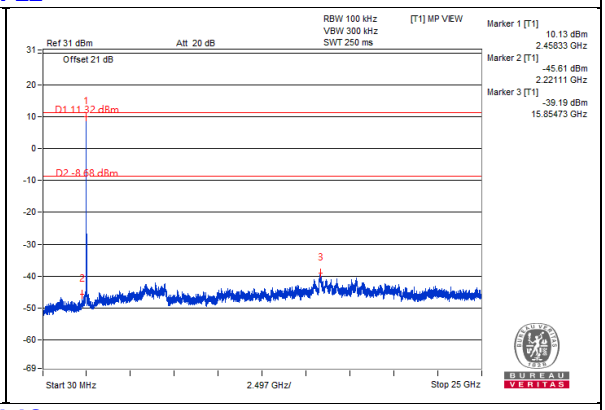


CH 10

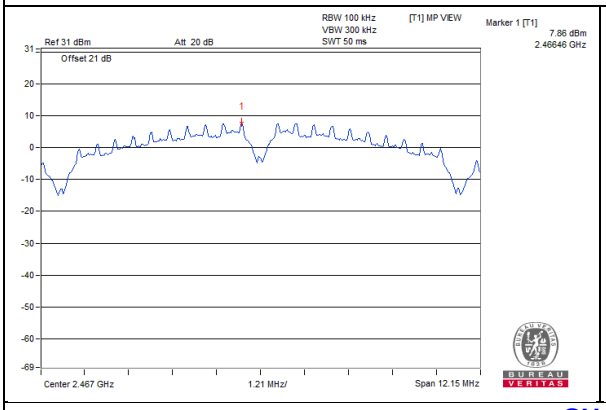


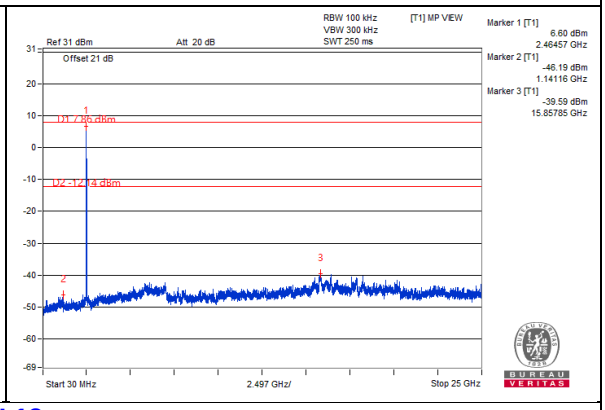
CH 11



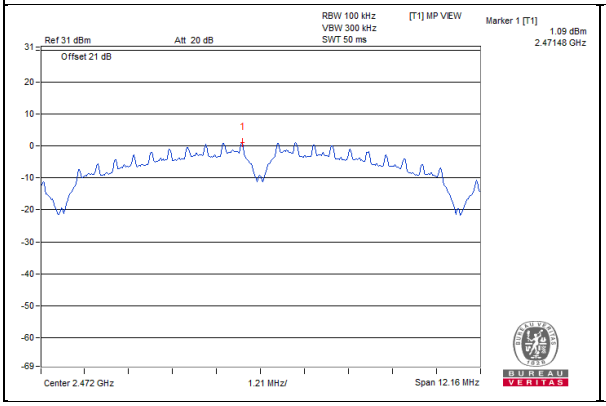


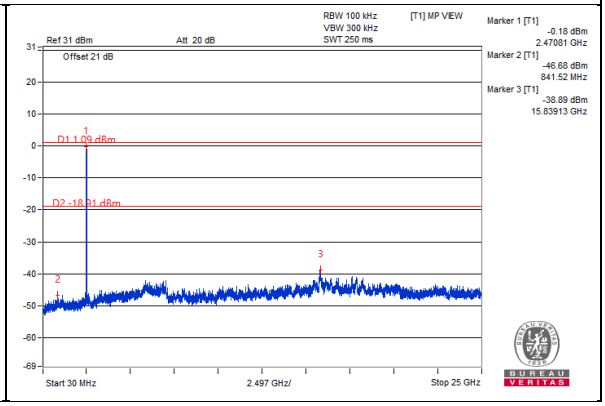
CH 12



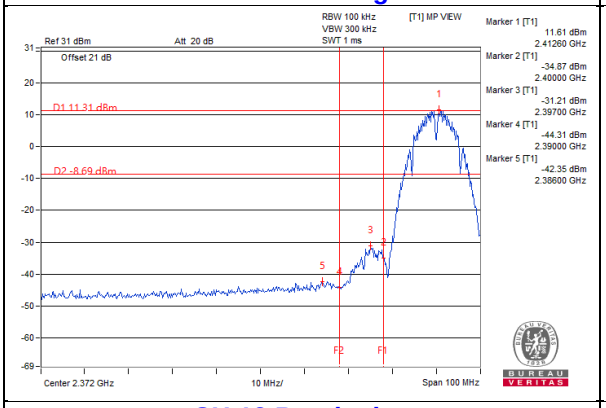


CH 13

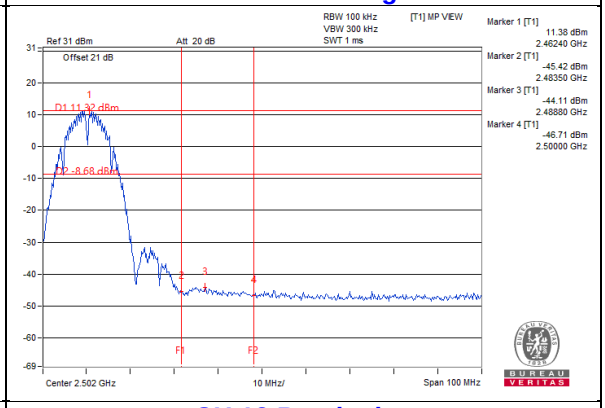




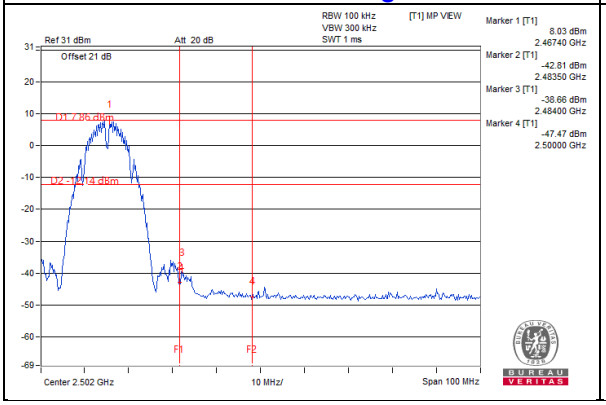
CH 1 Band edge



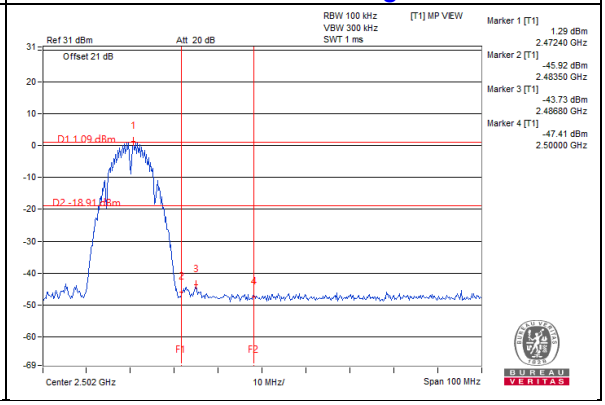
CH 11 Band edge



CH 12 Band edge

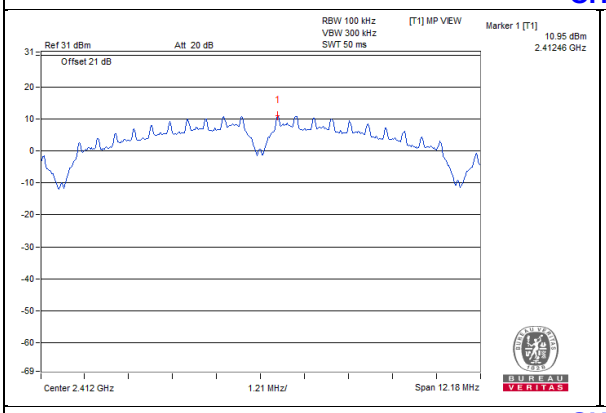


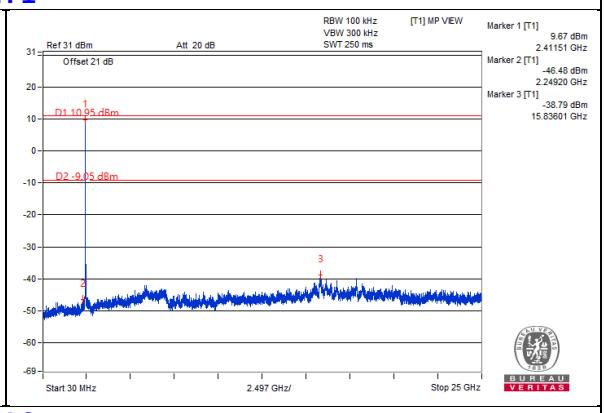
CH 13 Band edge



Chain 1

CH 1





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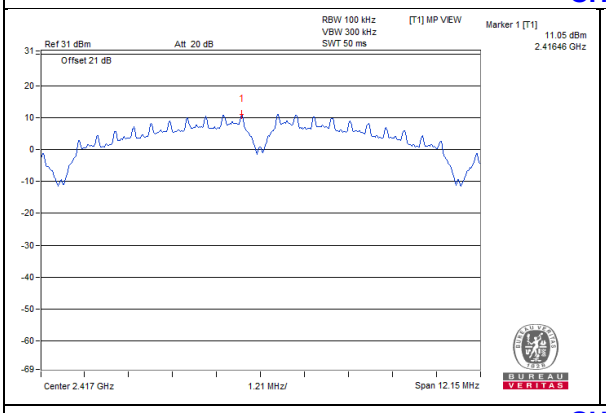
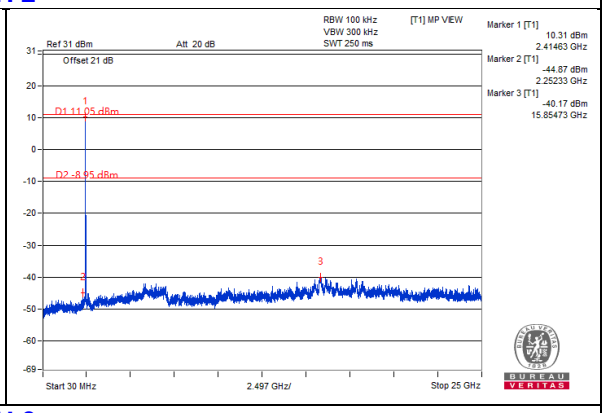
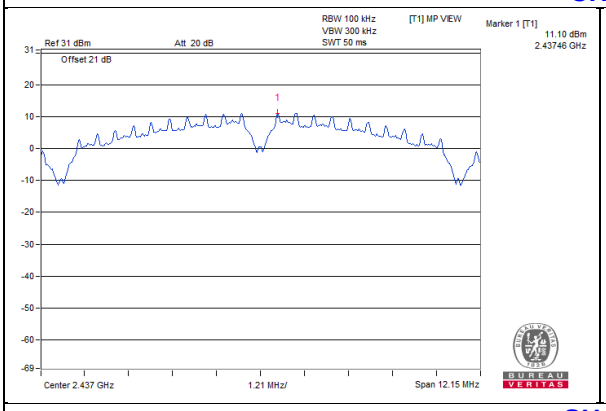
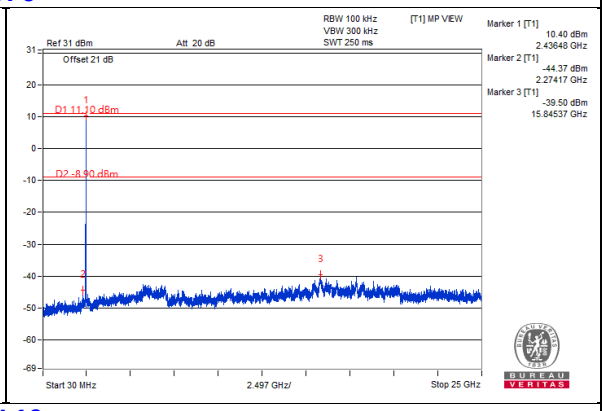




CH 6





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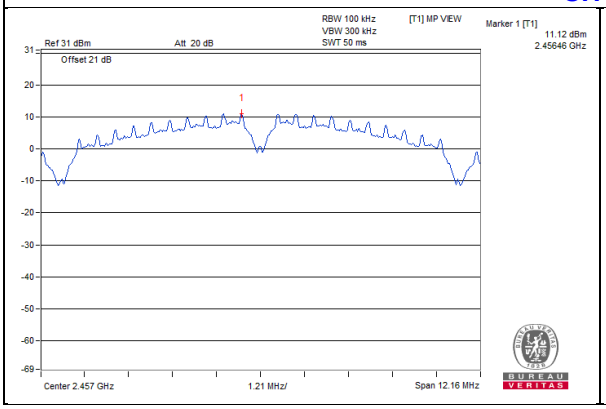
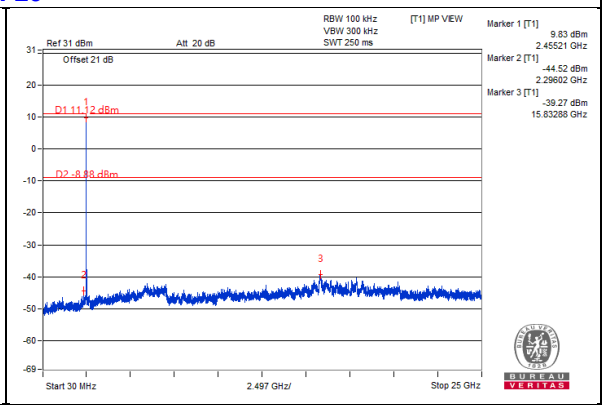
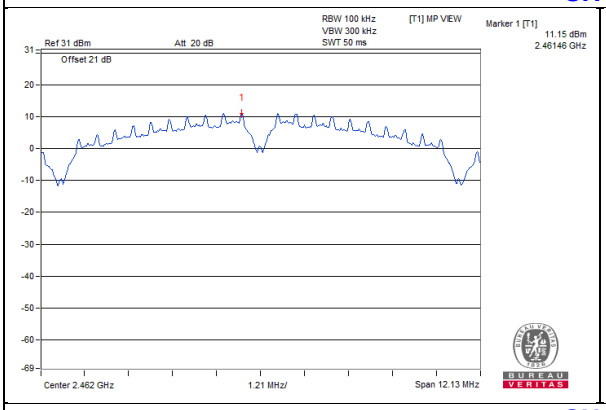
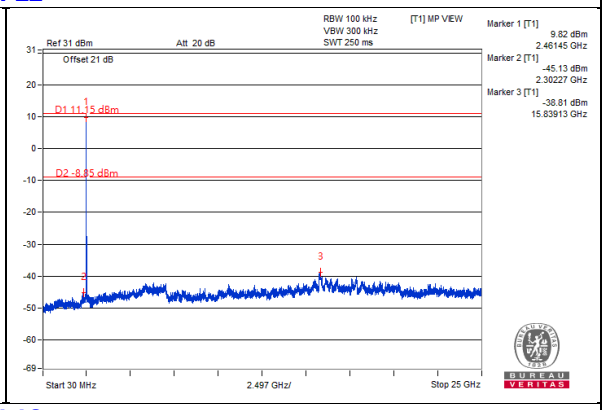


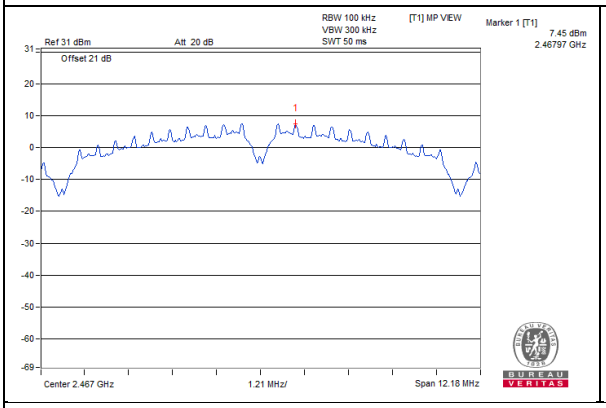


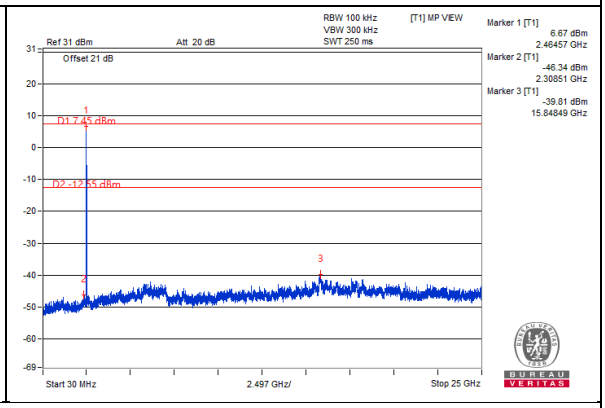
CH 11





CH 12





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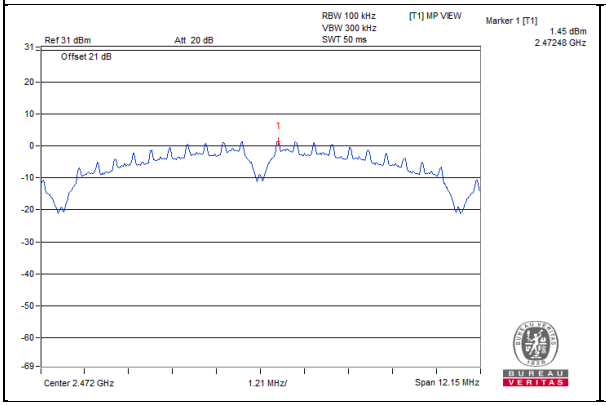
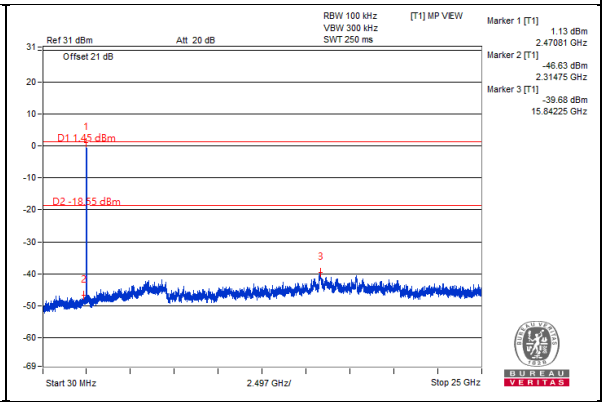
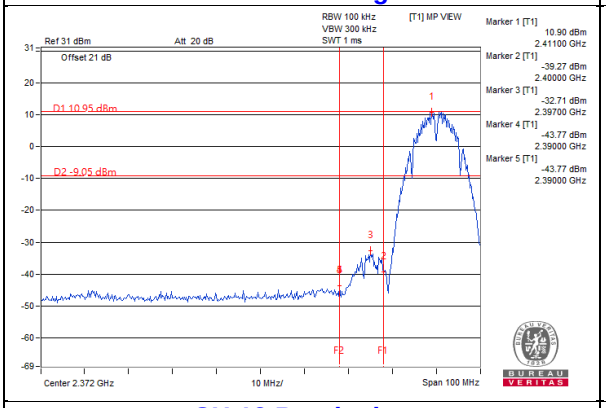
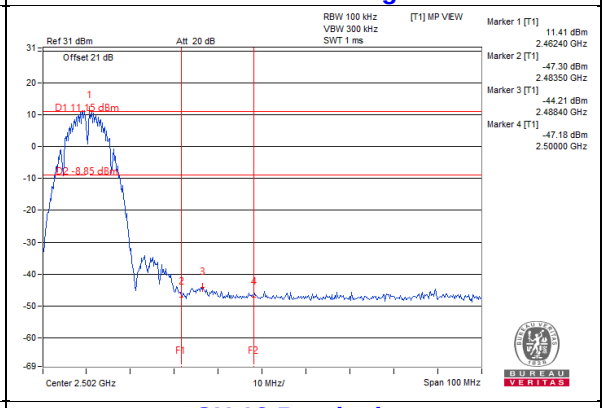




CH 1 Band edge



CH 11 Band edge



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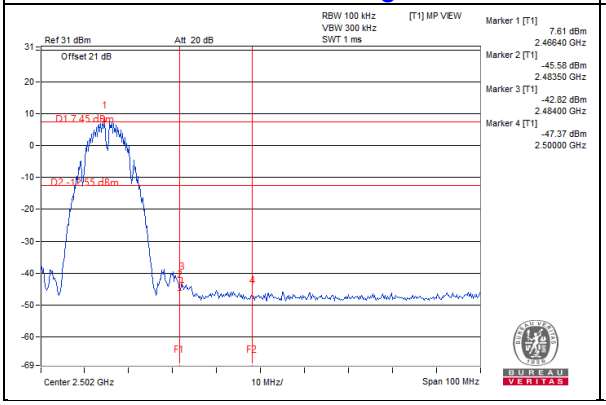

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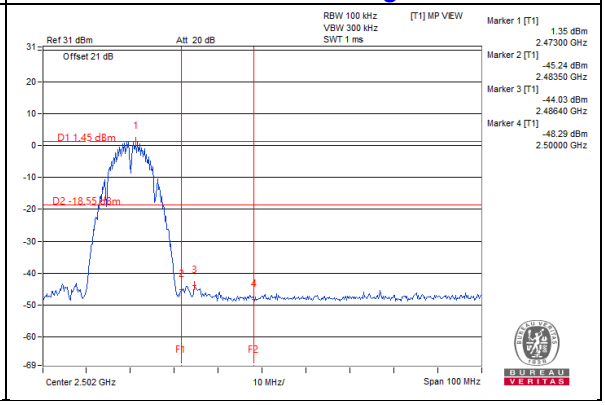

802.11g
Chain 0

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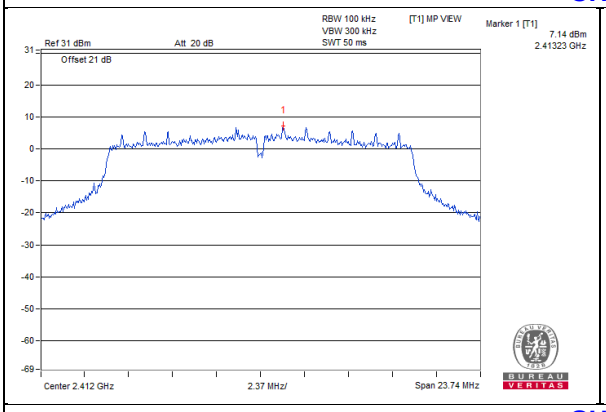

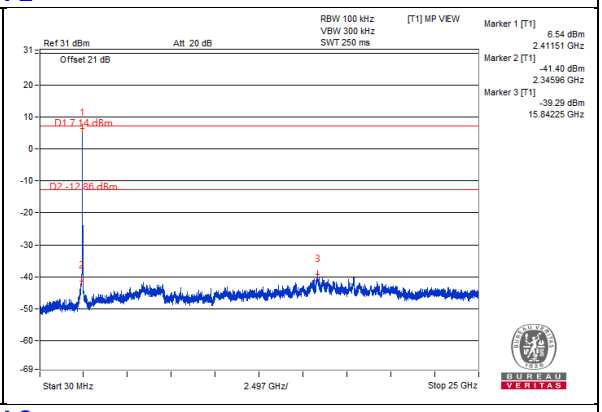

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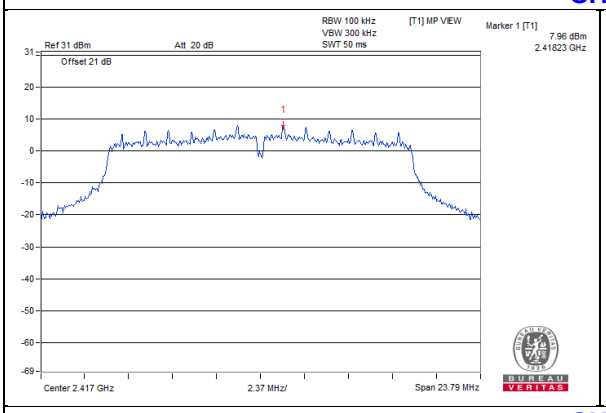

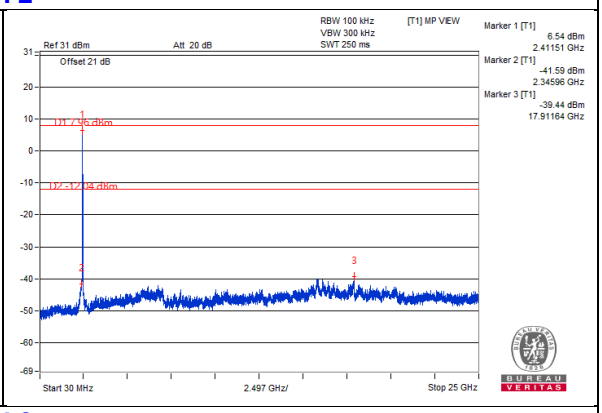

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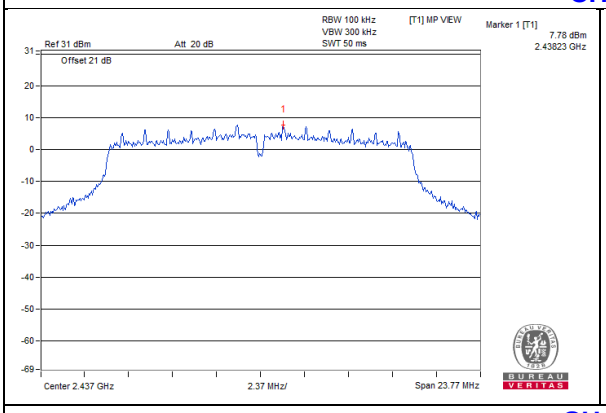

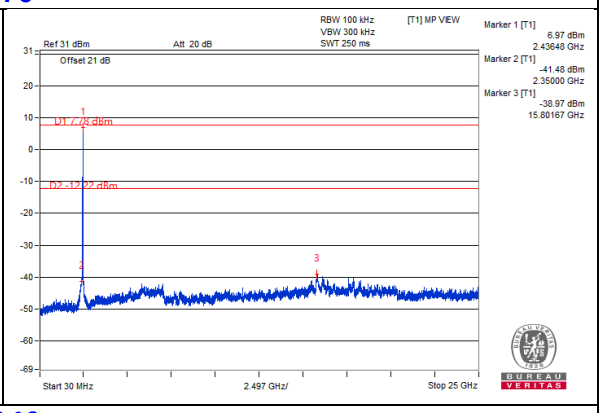

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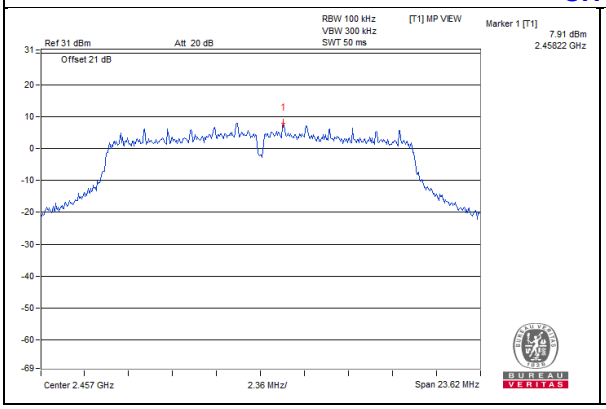
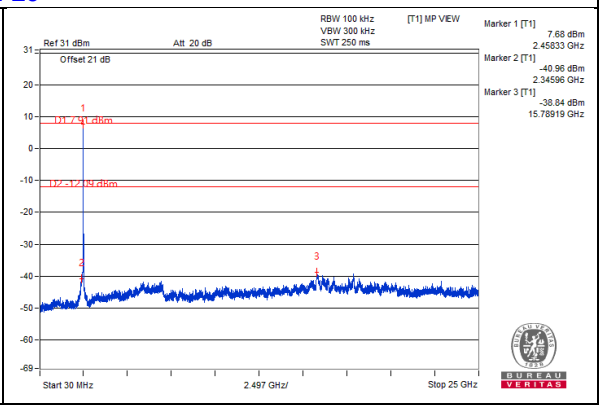
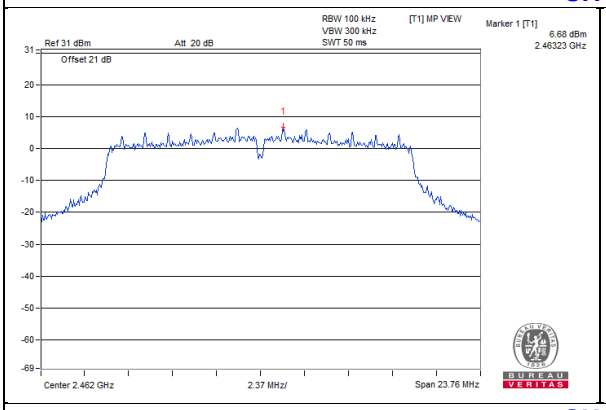
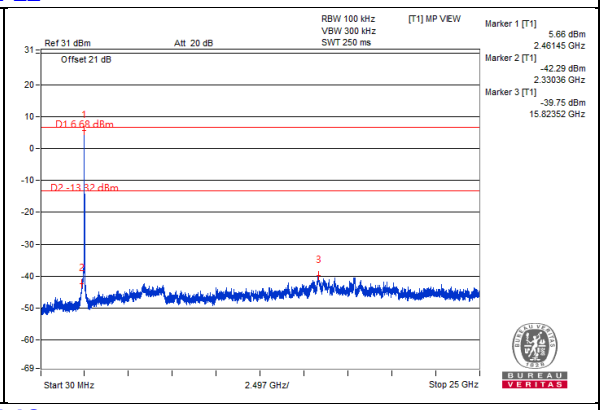


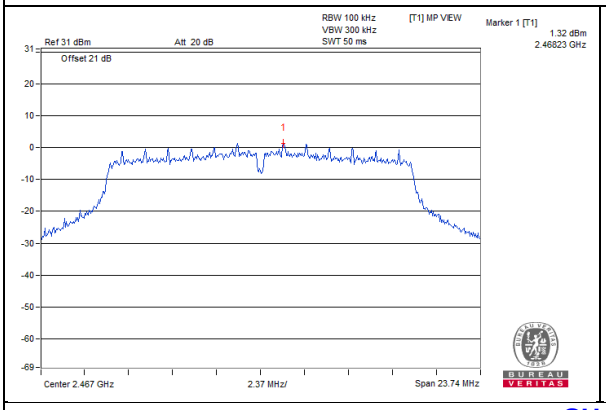


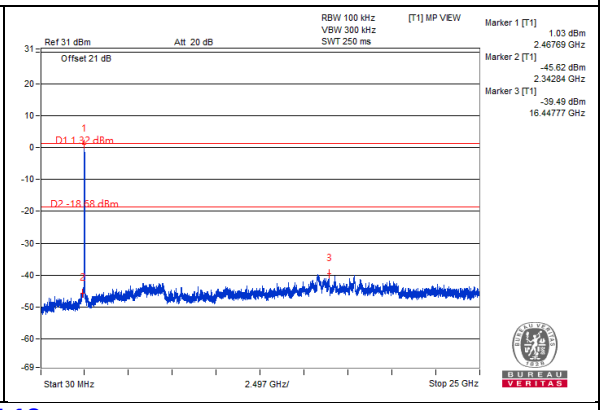
CH 11





CH 12





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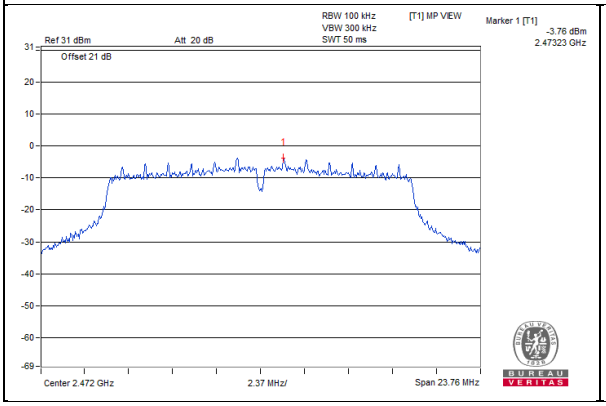
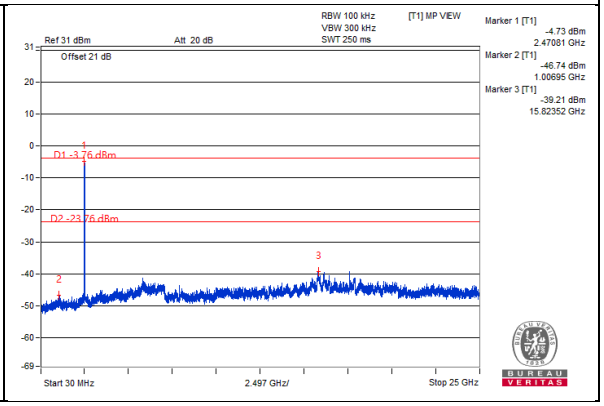
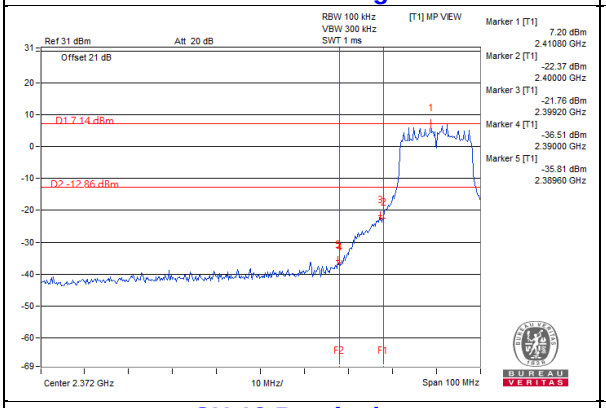
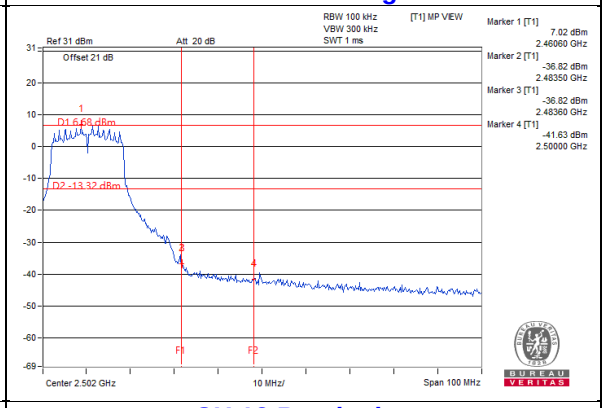




CH 1 Band edge



CH 11 Band edge



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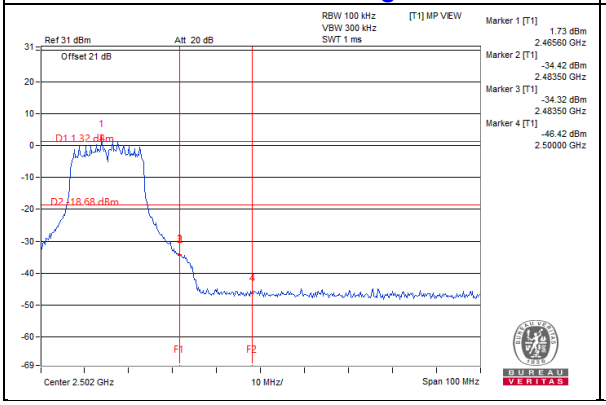

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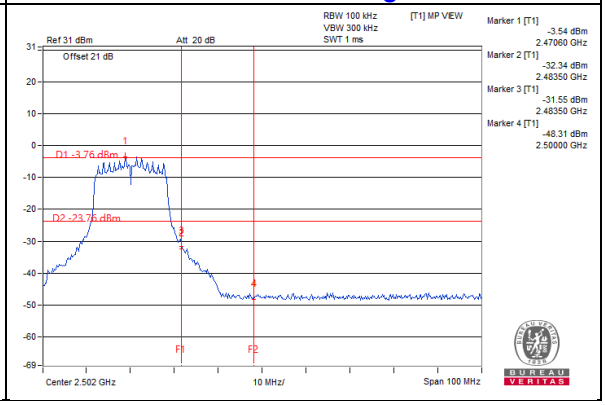
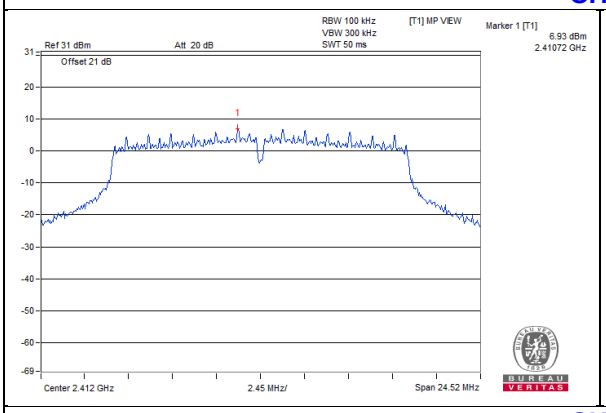
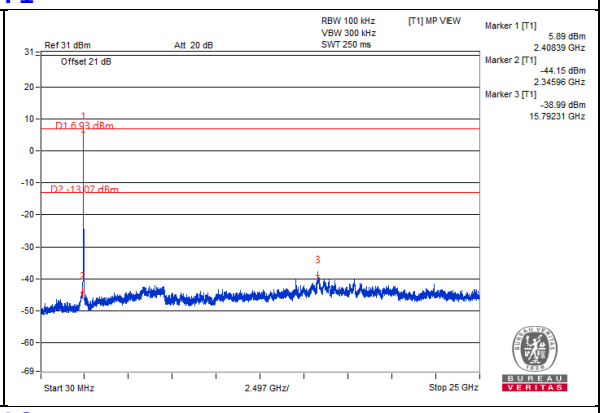


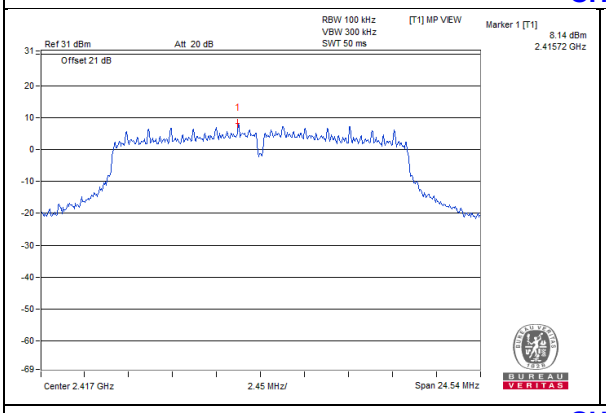
Chain 1

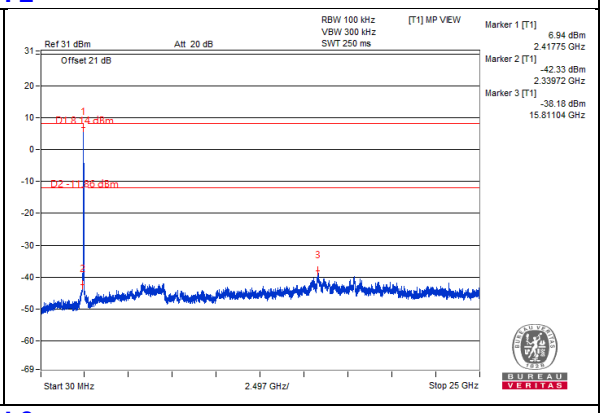
CH 1



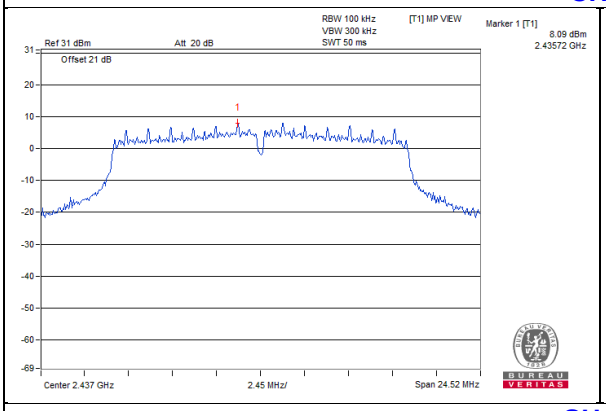


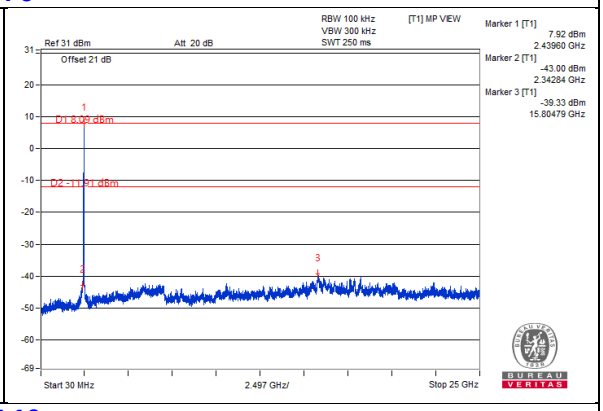
CH 2



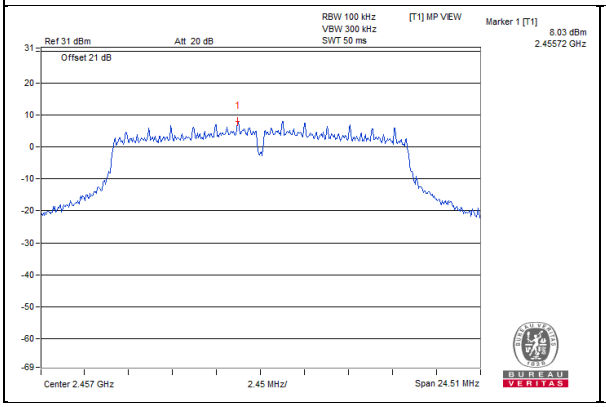


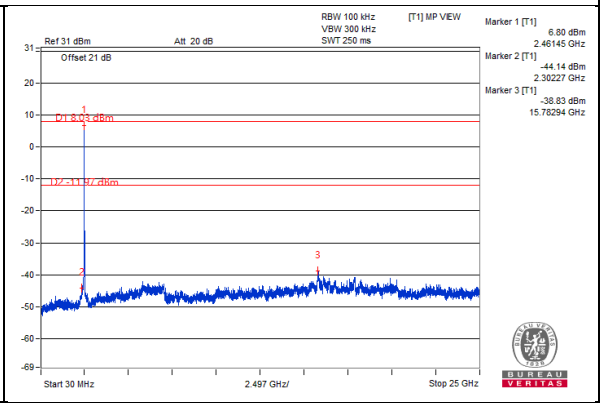
CH 6



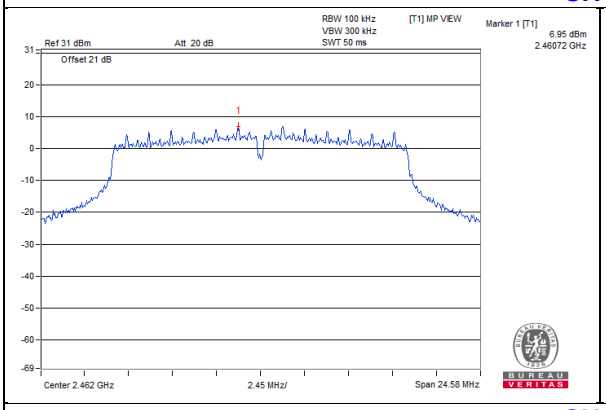


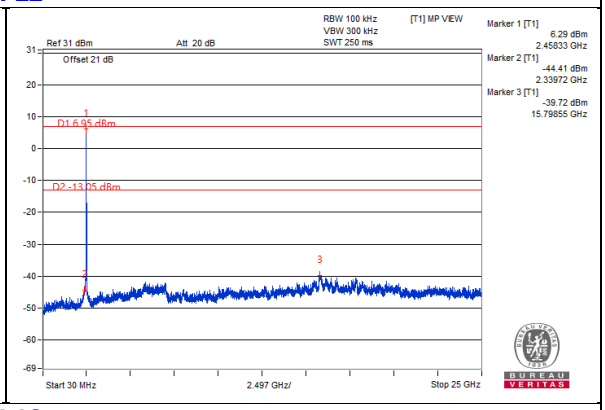
CH 10



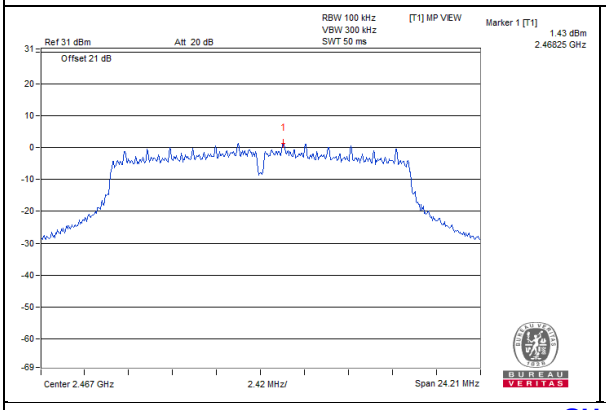


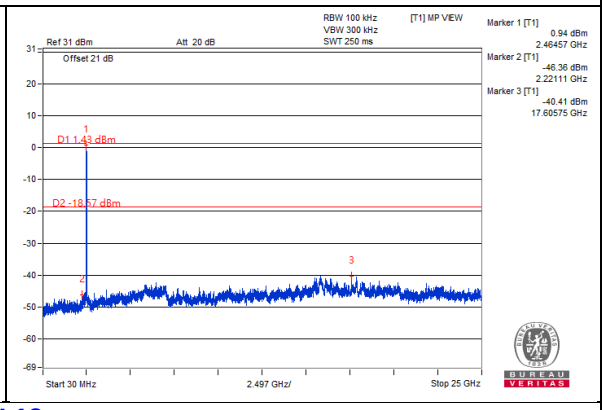
CH 11





CH 12





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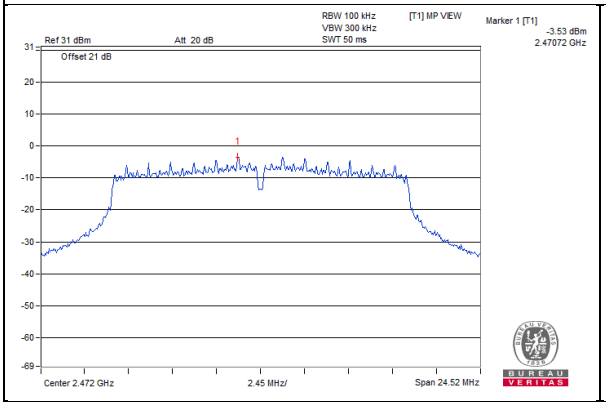
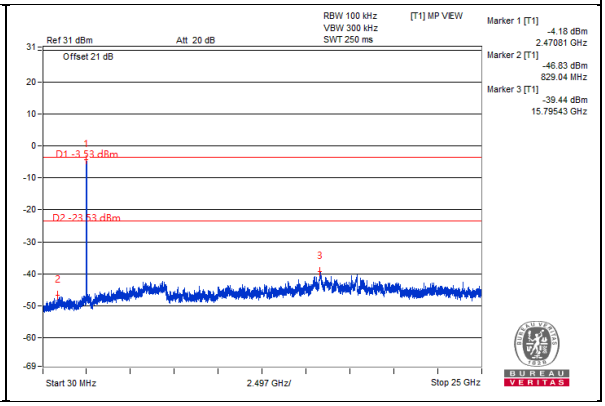
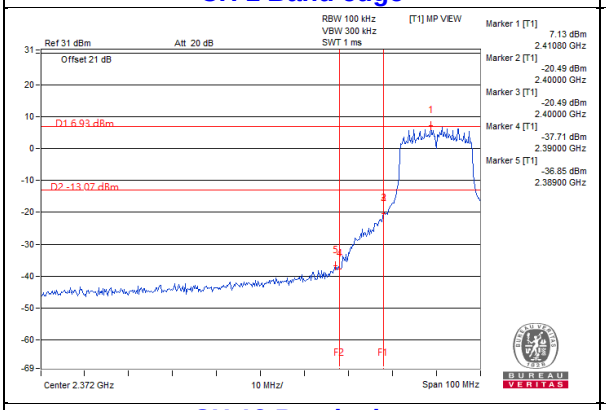
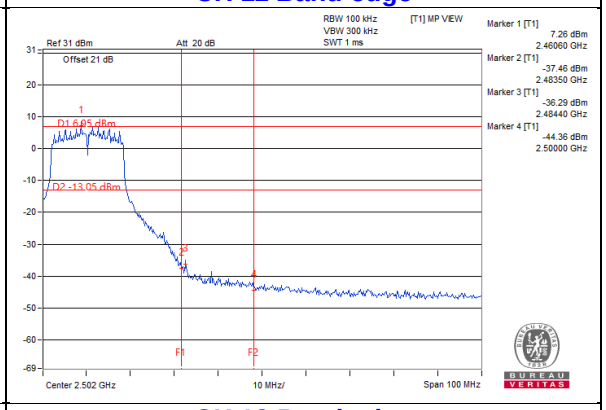




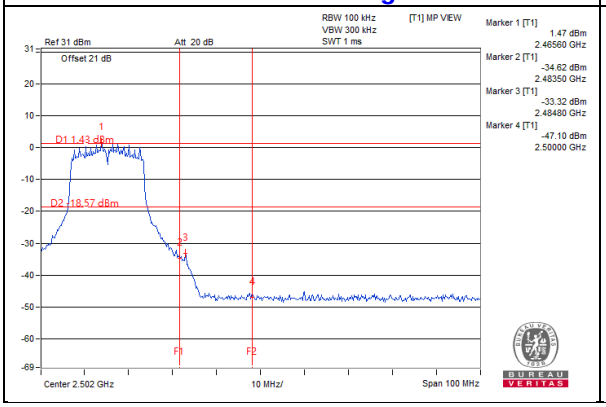
CH 1 Band edge



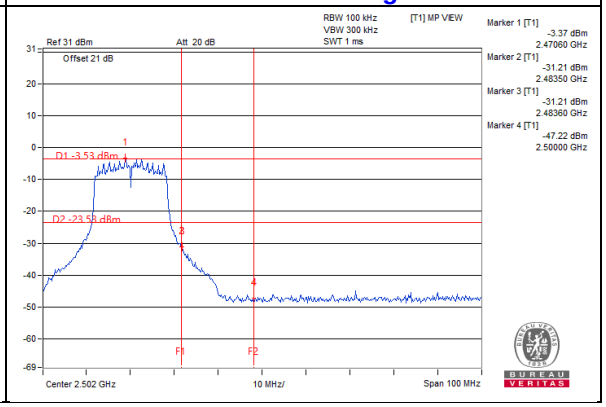
CH 11 Band edge



CH 12 Band edge



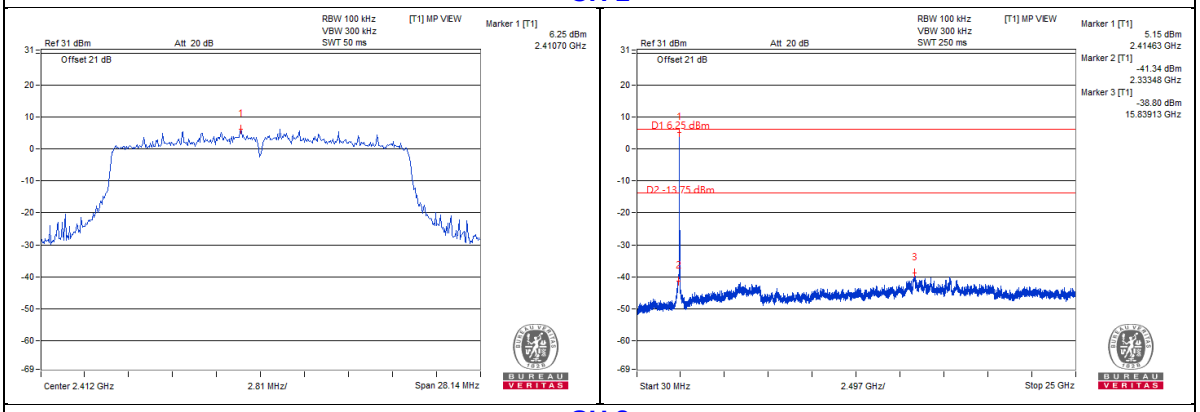
CH 13 Band edge



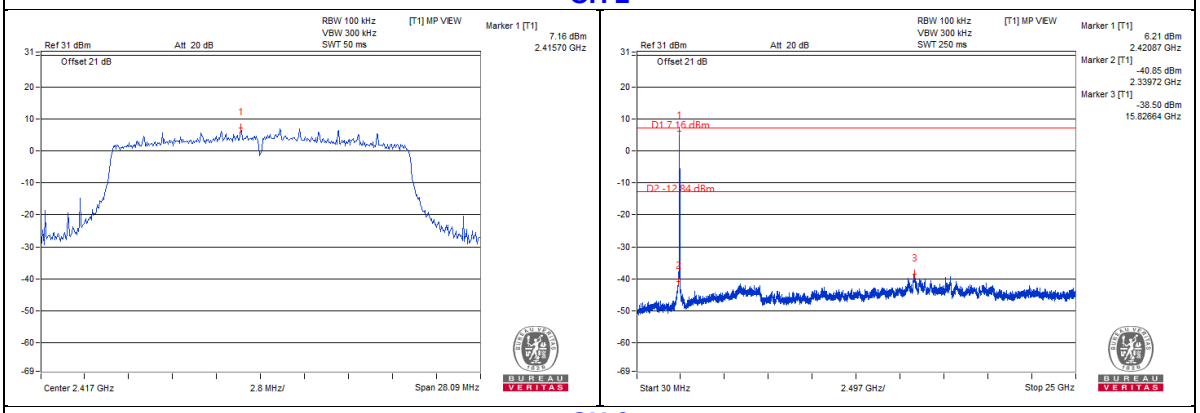
802.11ax (HE20)

Chain 0

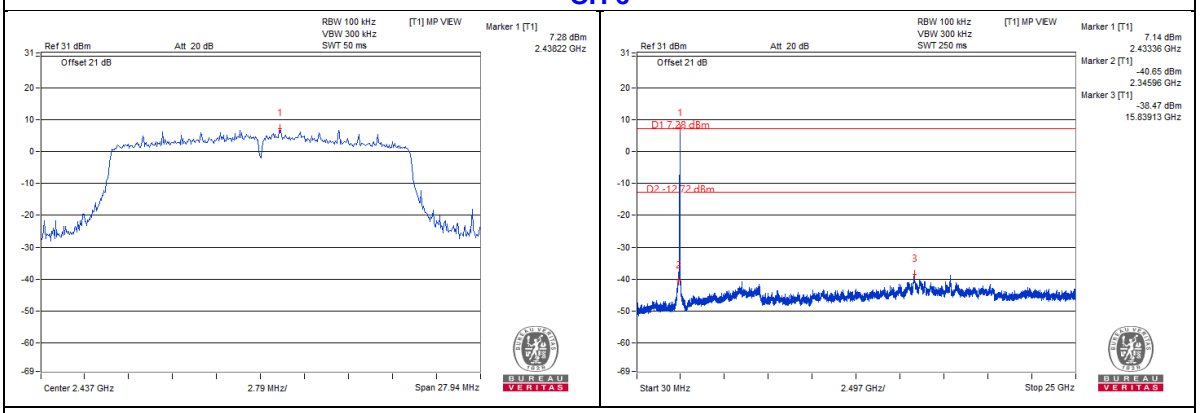
CH 1



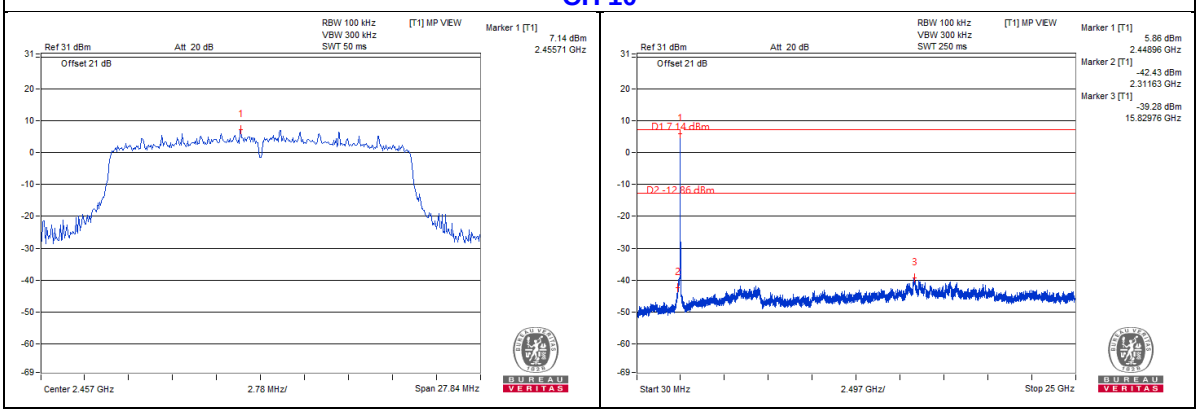
CH 2



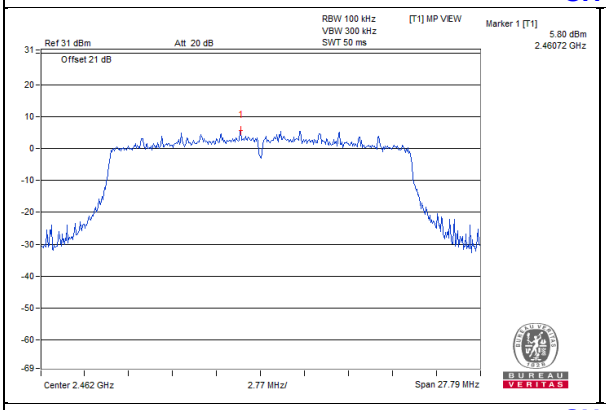
CH 6

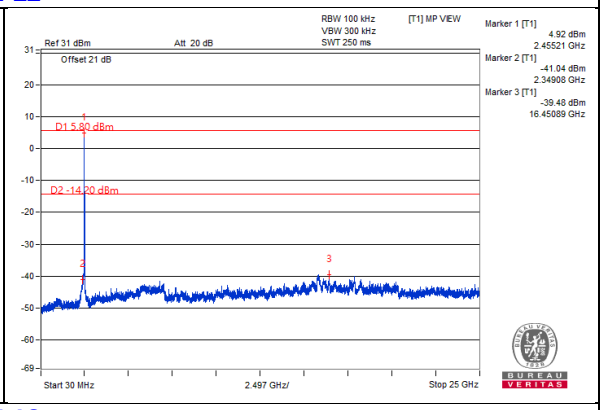


CH 10

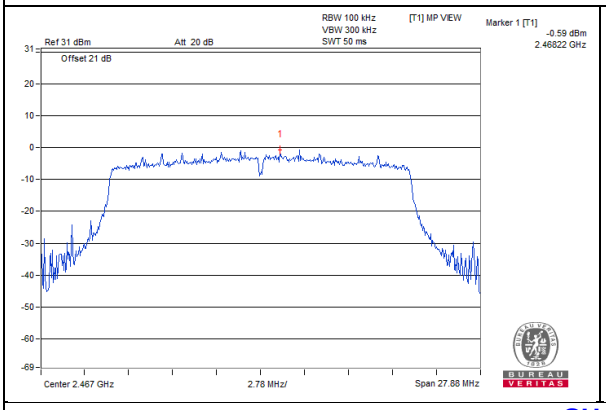


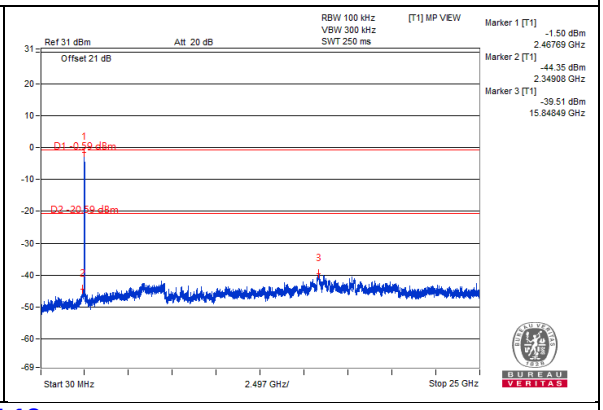
CH 11





CH 12





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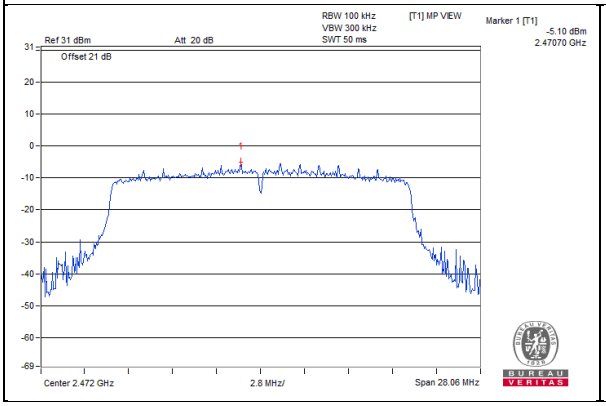
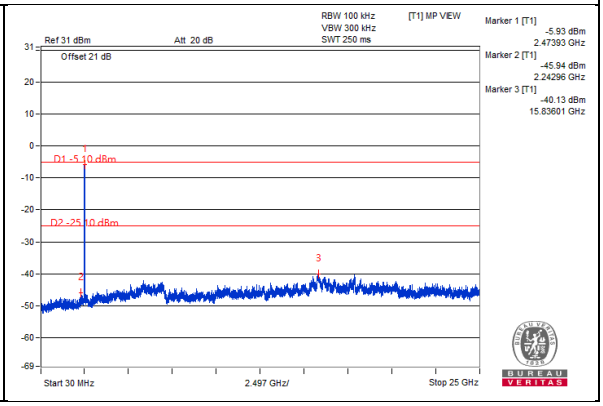
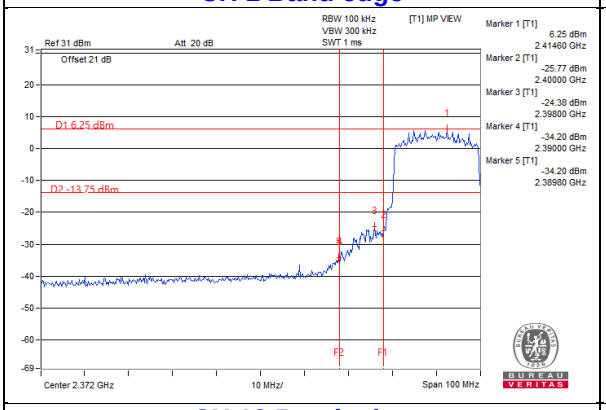
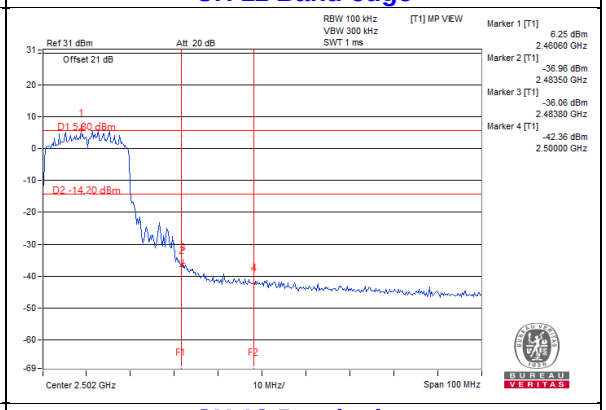




CH 1 Band edge



CH 11 Band edge



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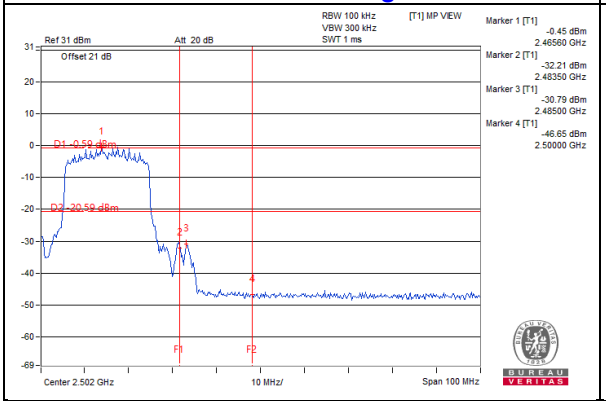
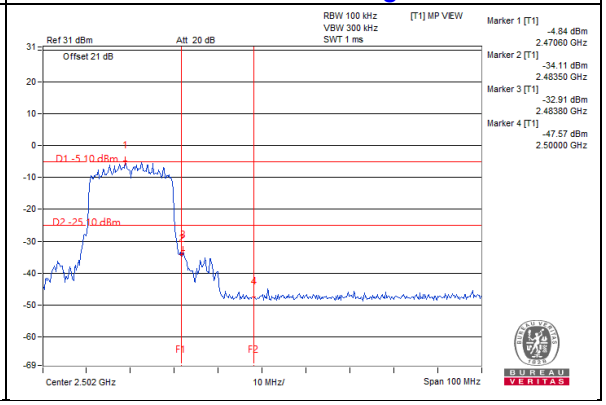
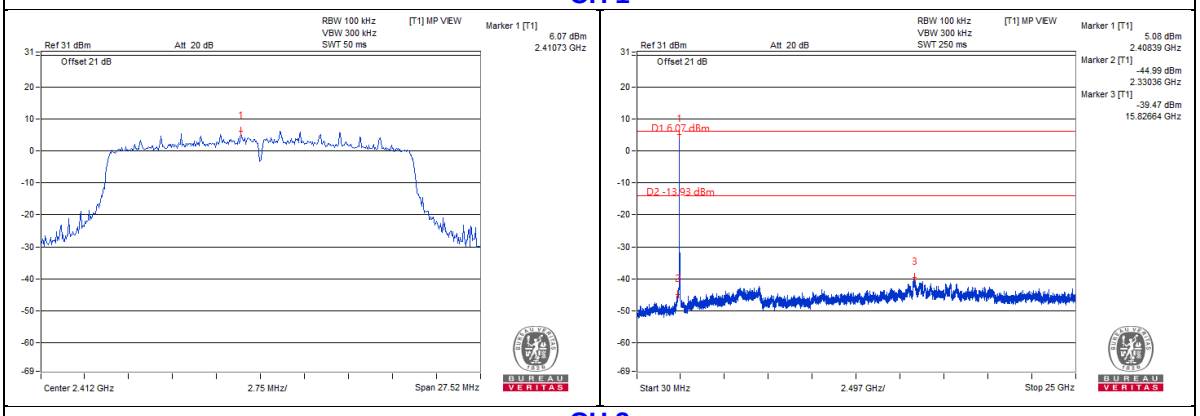


CH 13 Band edge



Chain 1

CH 1



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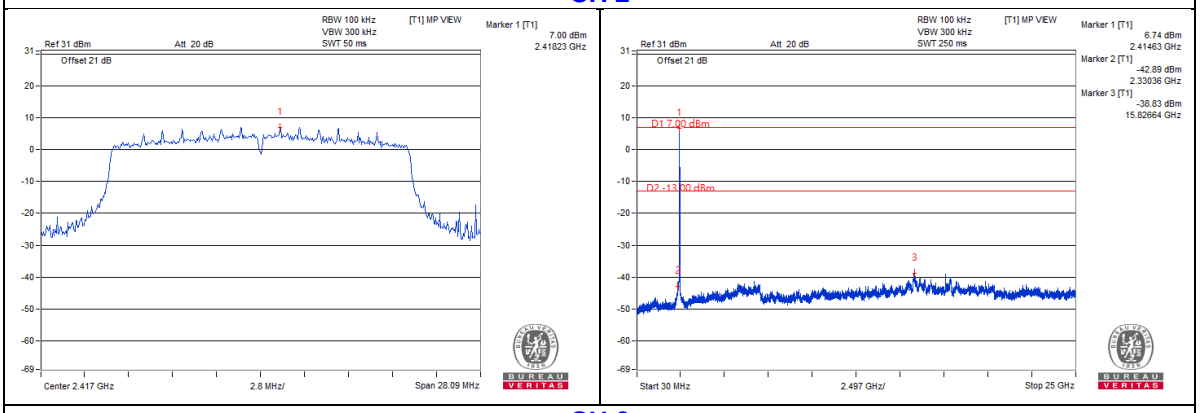
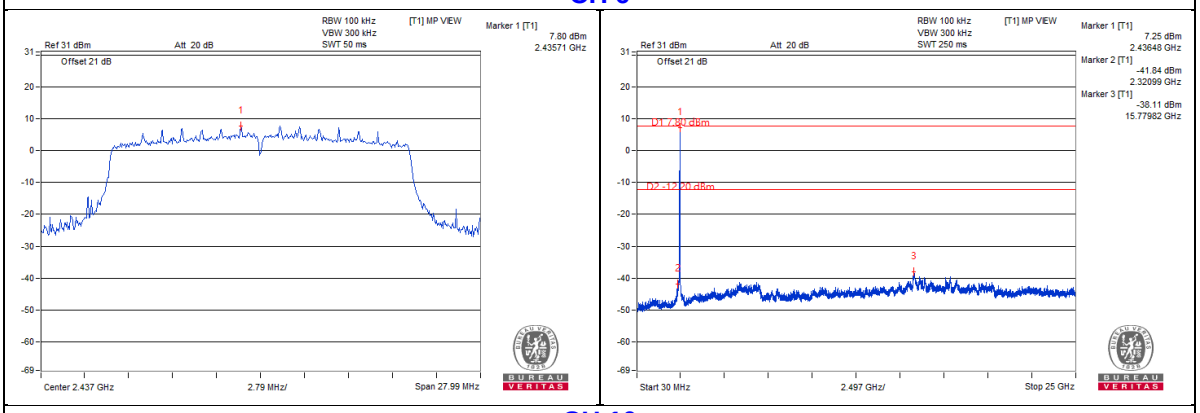


CH 6



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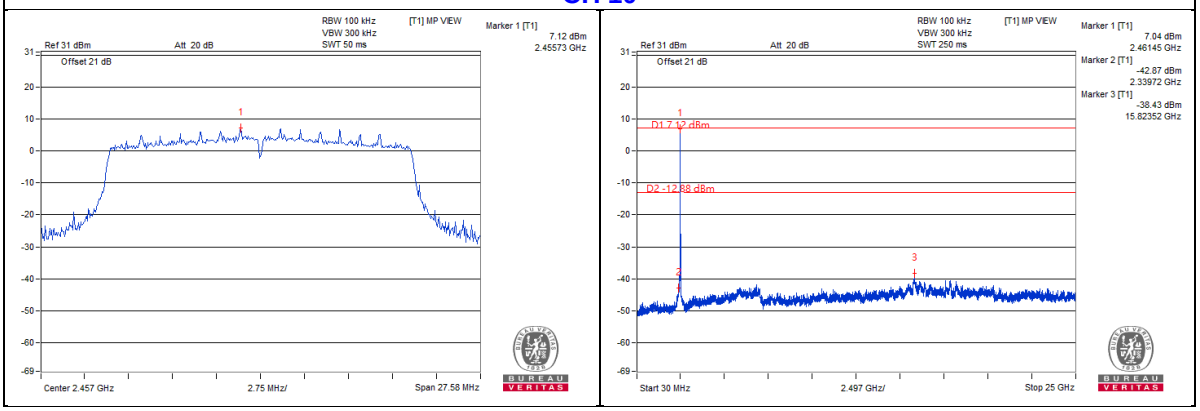
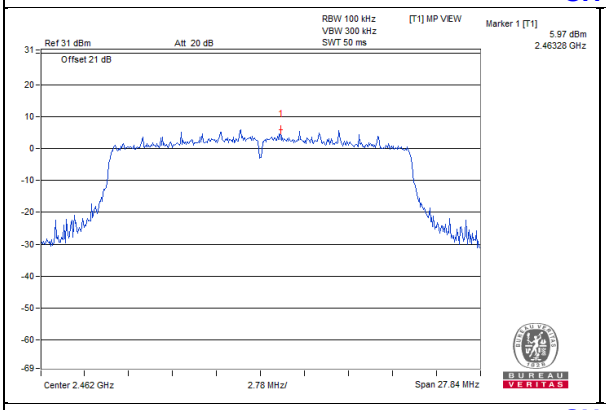
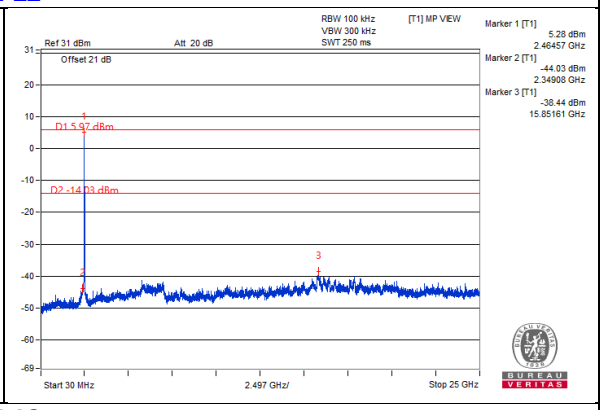
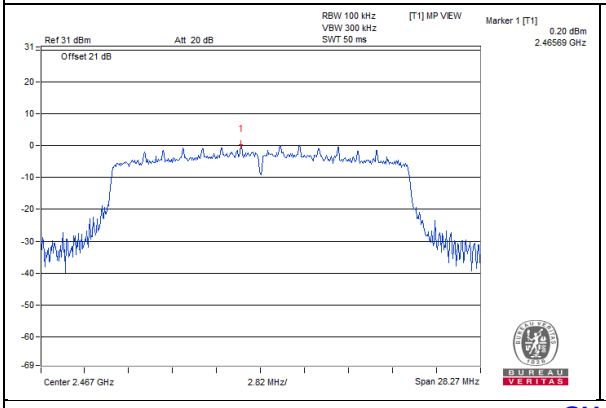


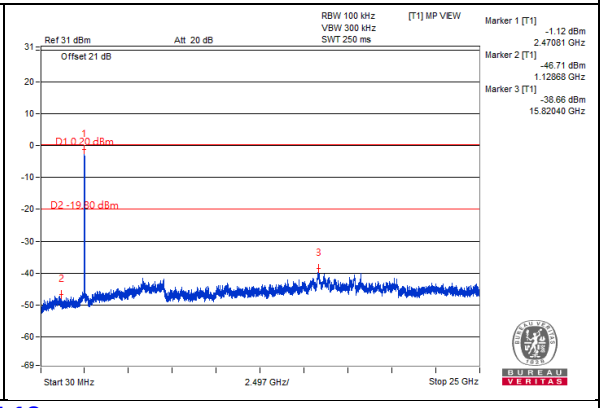
CH 11



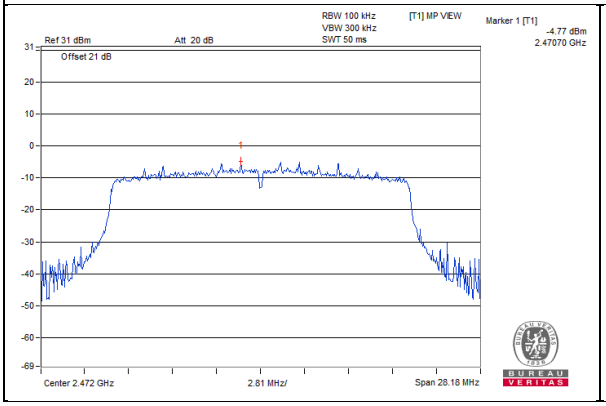


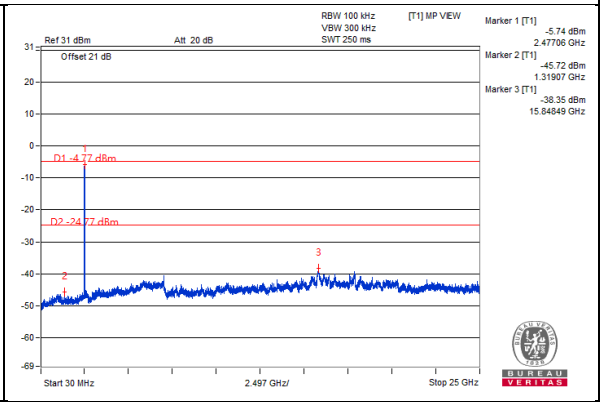
CH 12



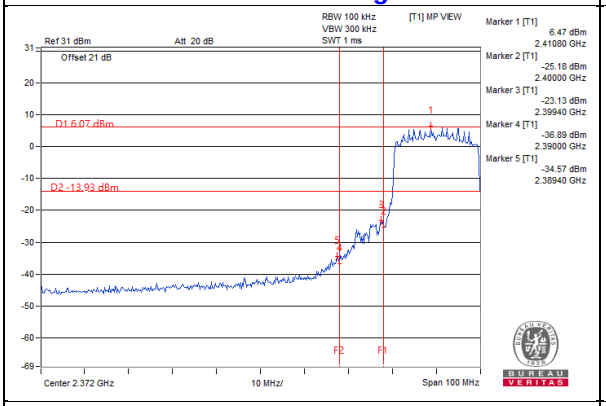


CH 13

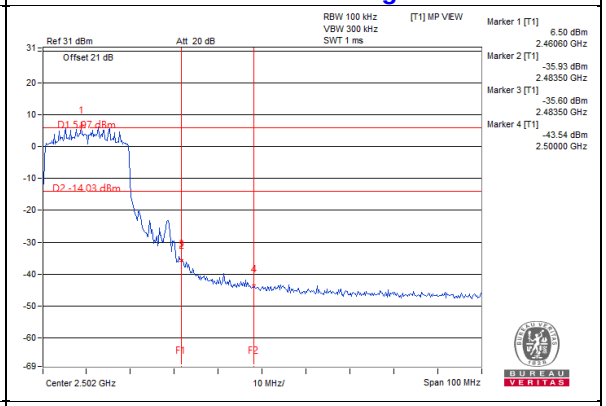




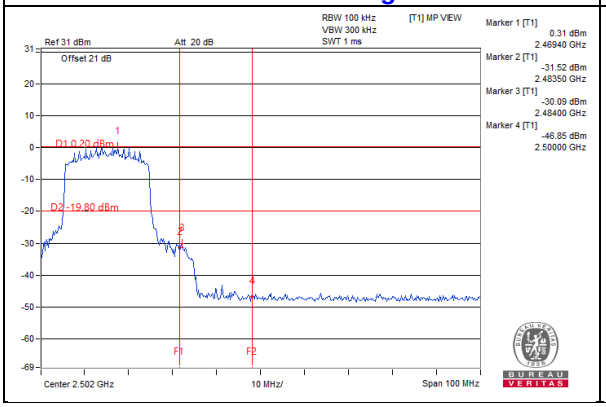
CH 1 Band edge



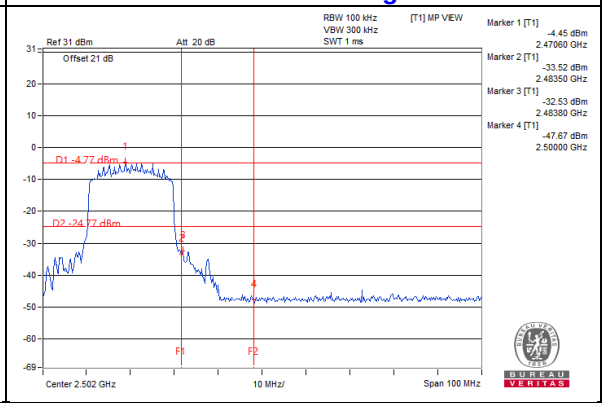
CH 11 Band edge



CH 12 Band edge



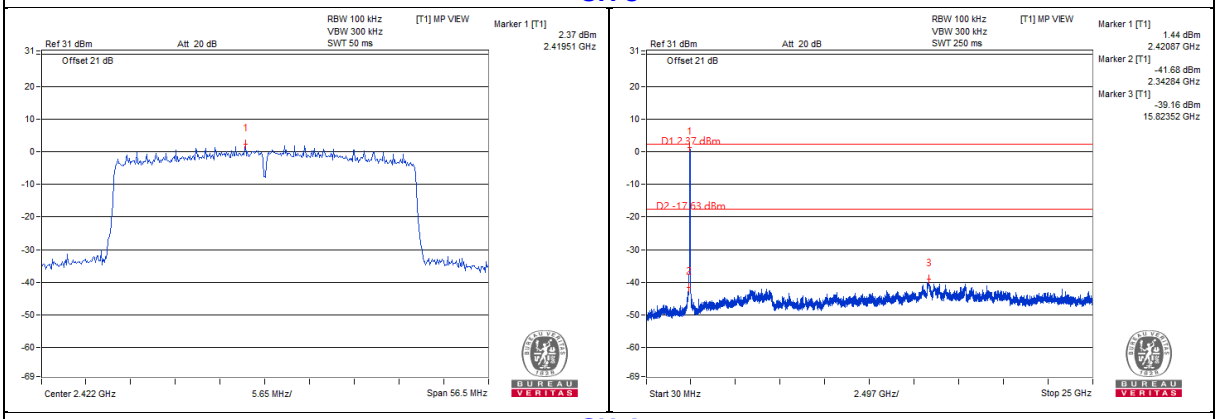
CH 13 Band edge



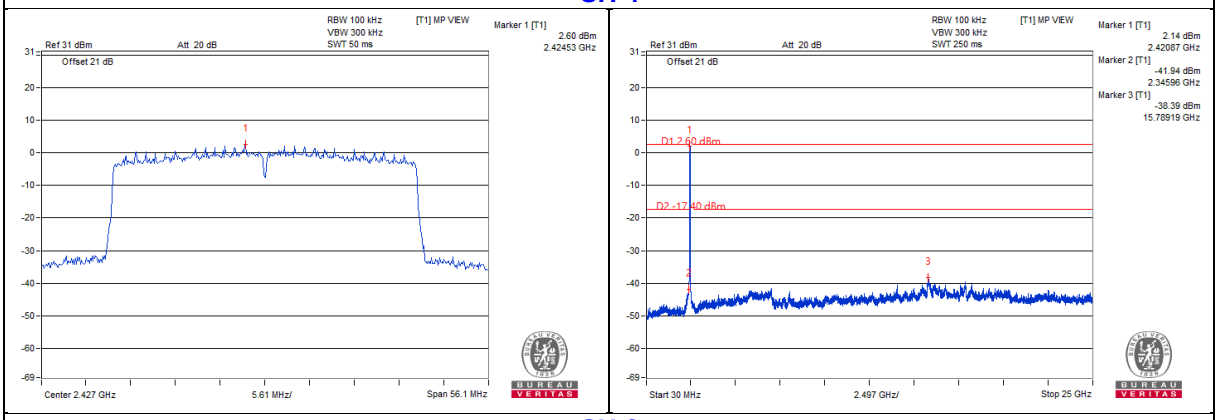
802.11ax (HE40)

Chain 0

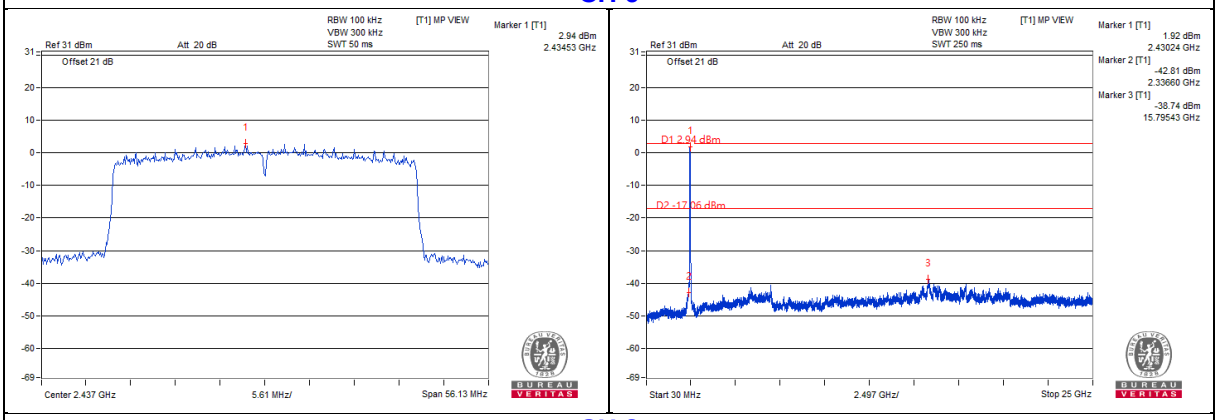
CH 3



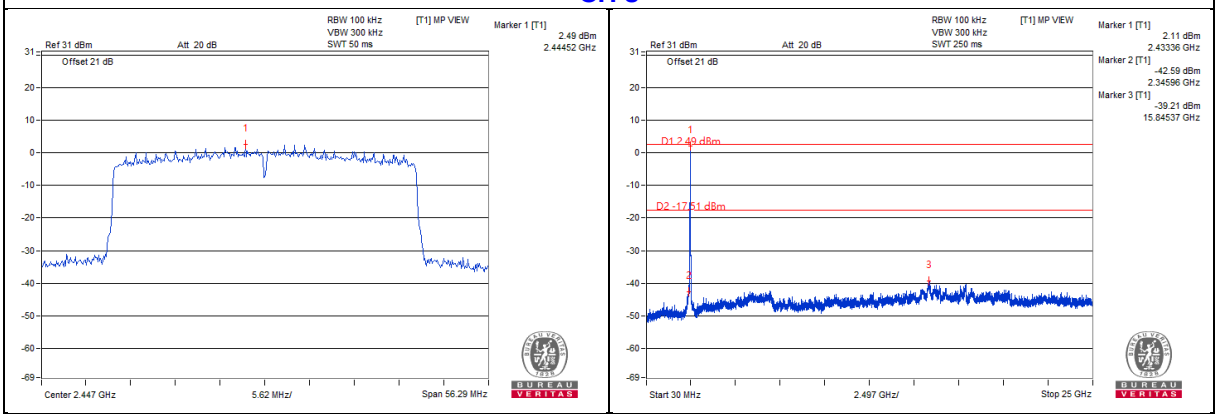
CH 4



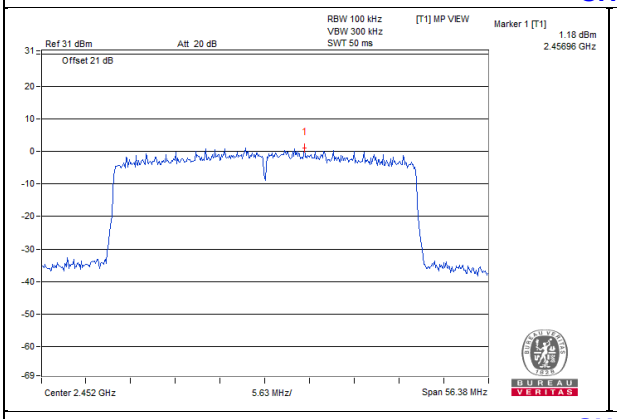
CH 6

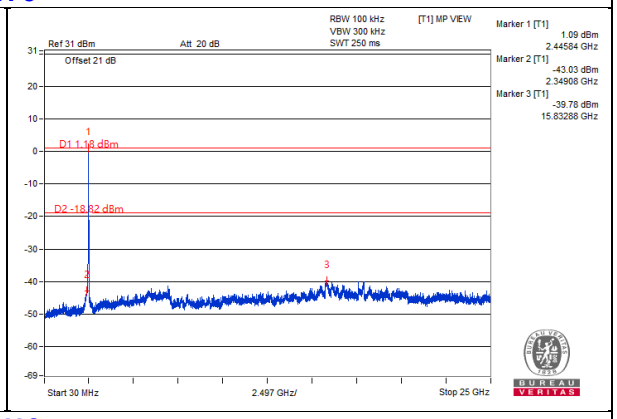


CH 8

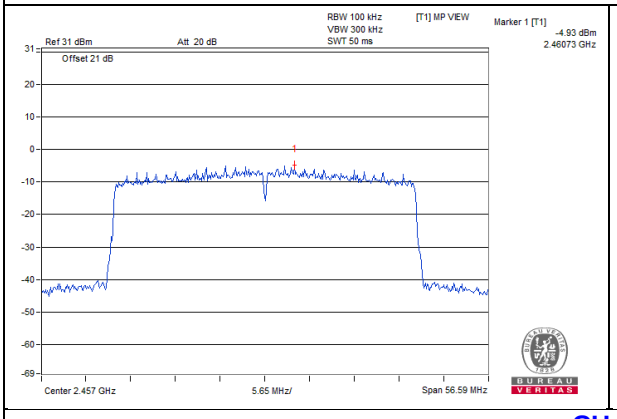


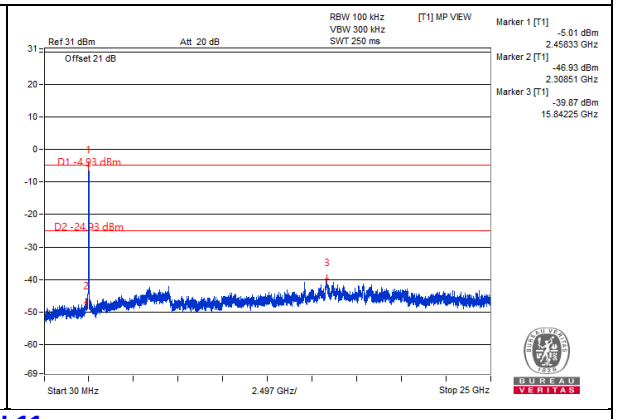
CH 9



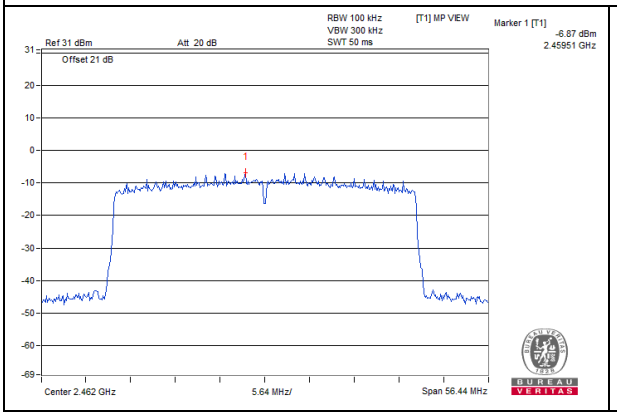


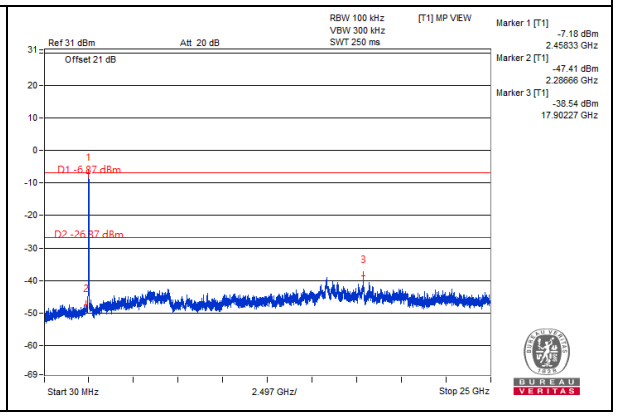
CH10



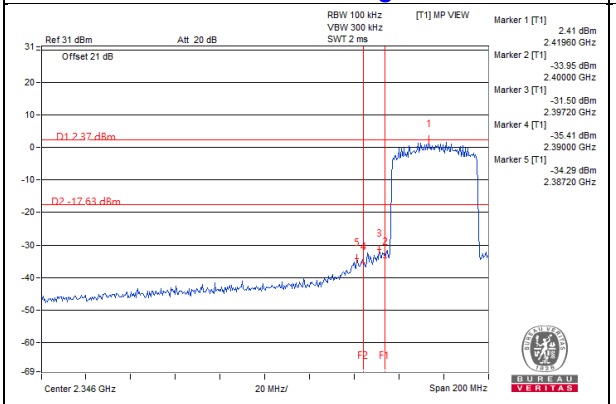


CH 11

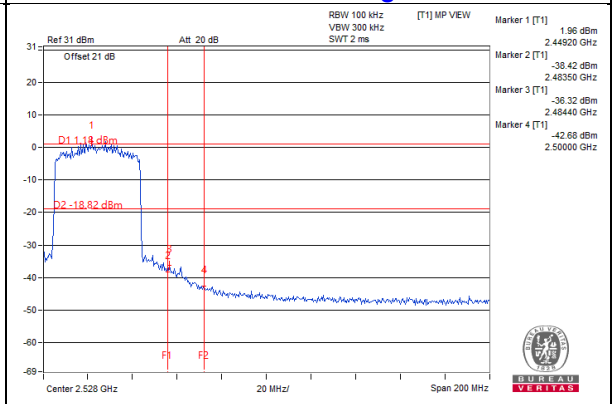




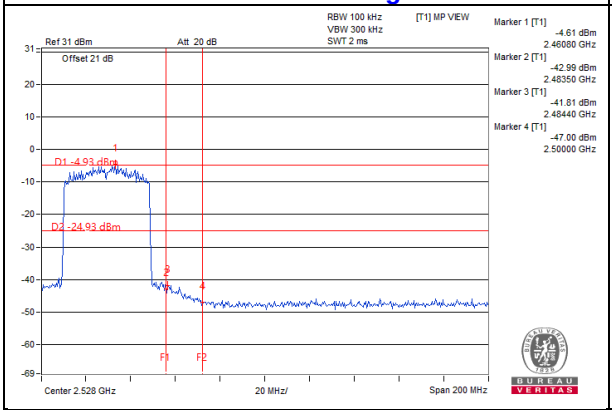
CH 3 Band edge



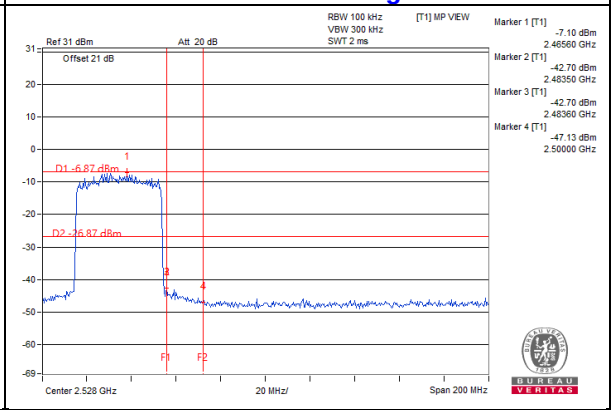
CH 9 Band edge



CH 10 Band edge

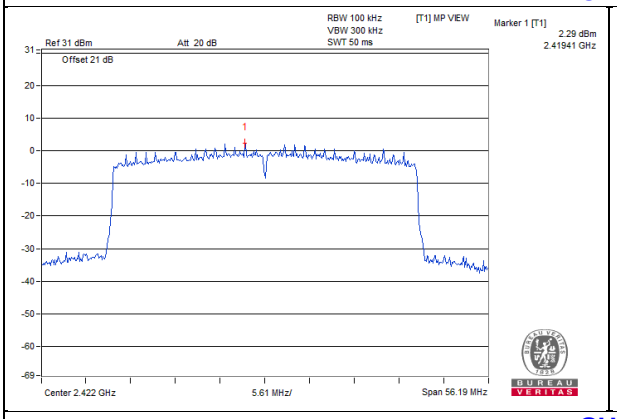


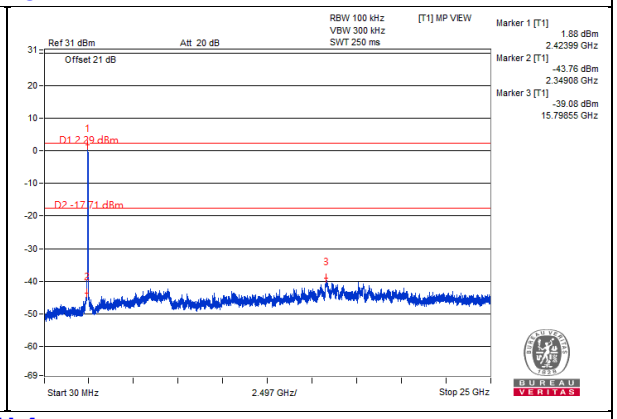
CH 11 Band edge



Chain 1

CH 3





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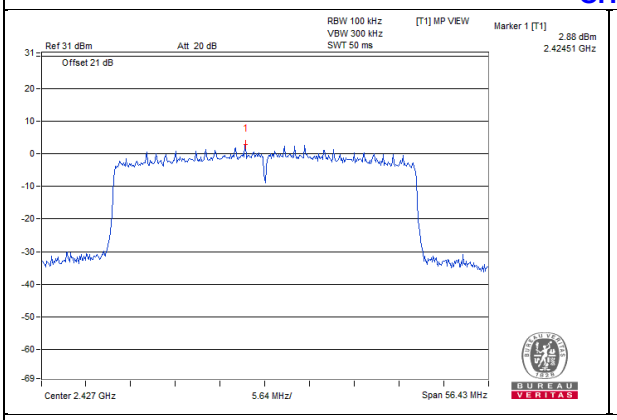

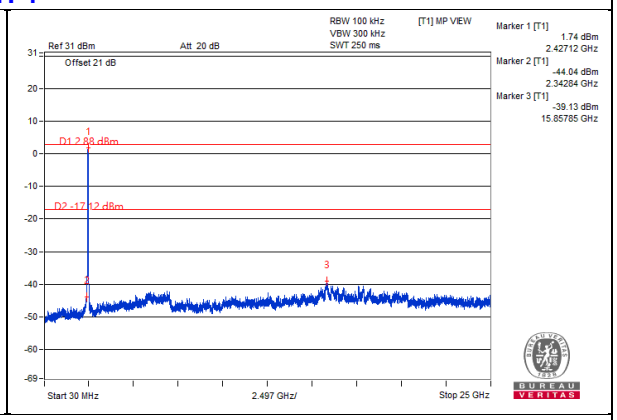

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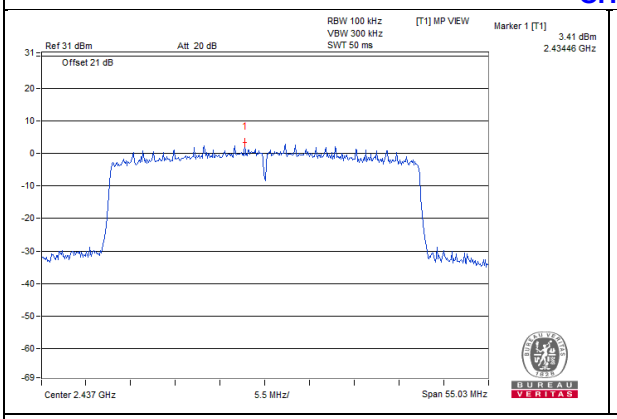
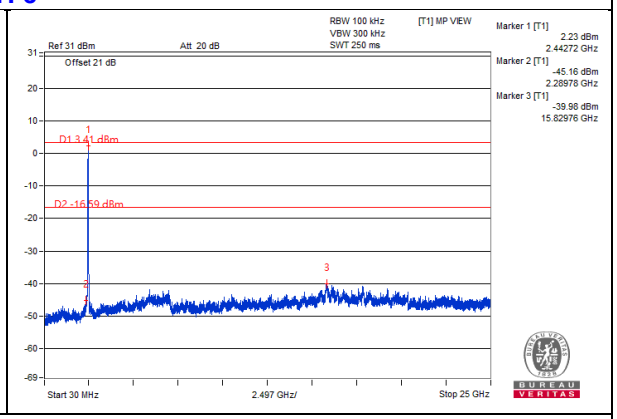
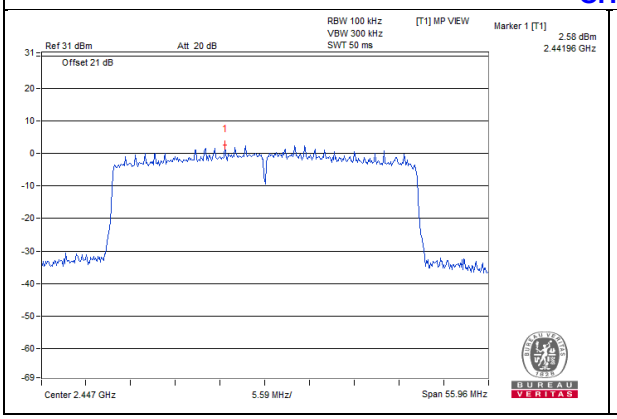
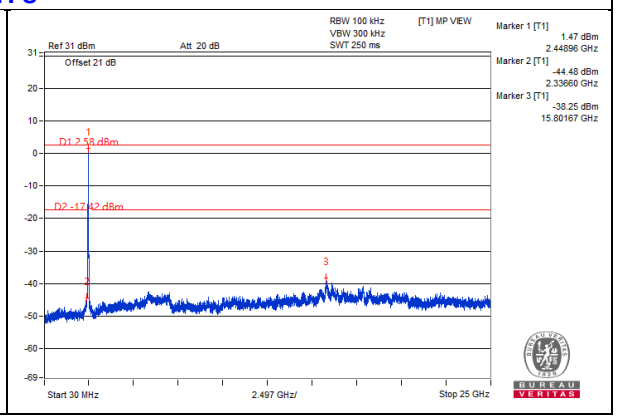


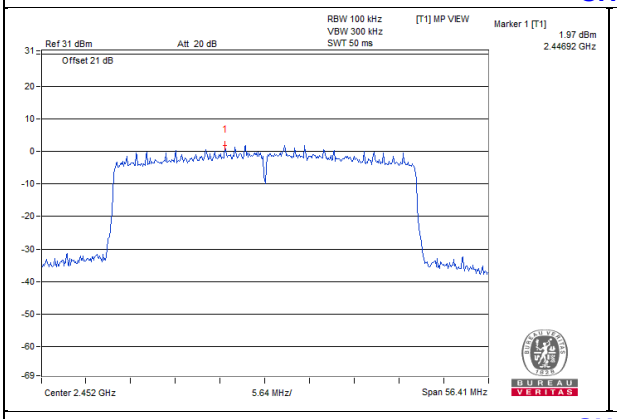


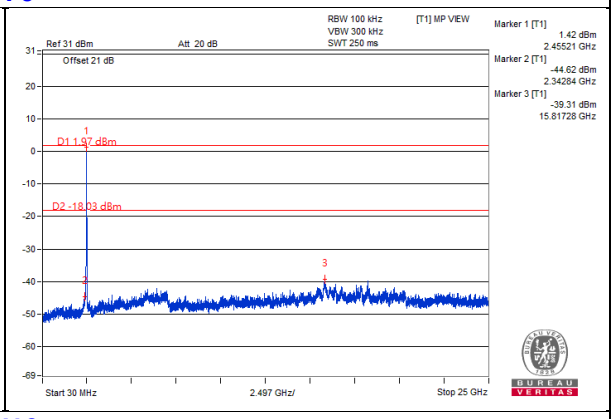
CH 8



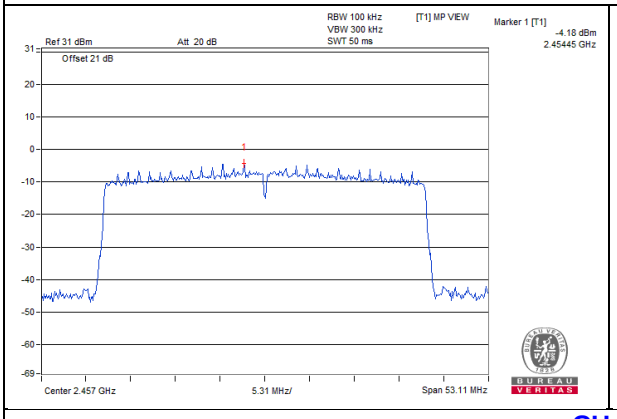


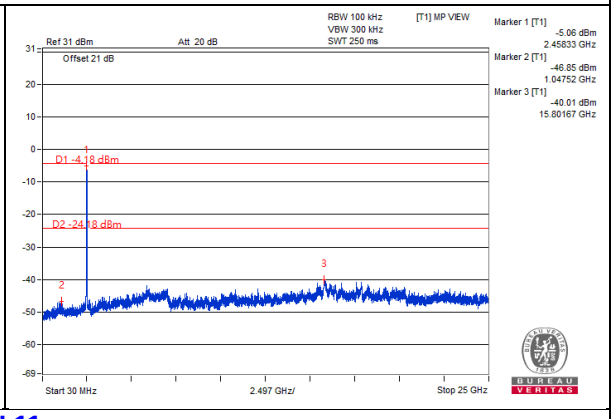
CH 9



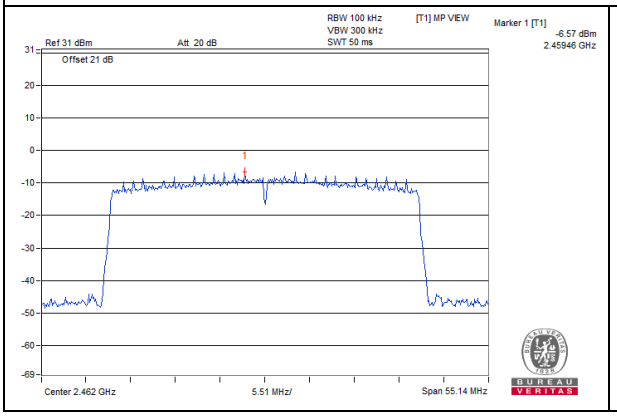


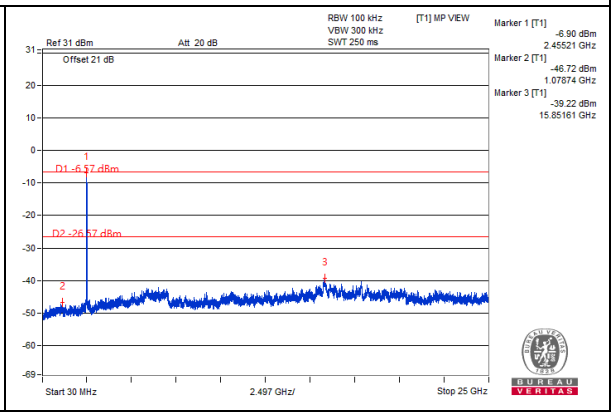
CH10



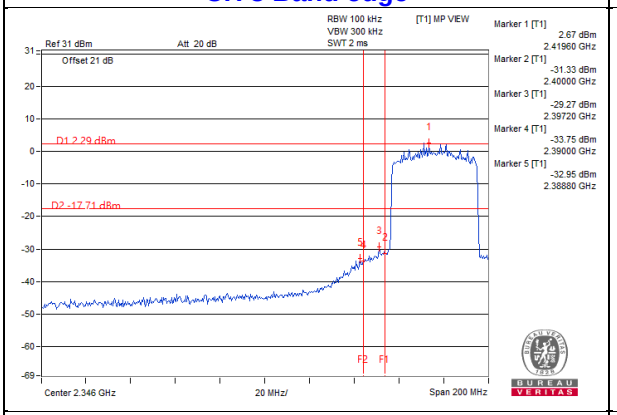


CH 11

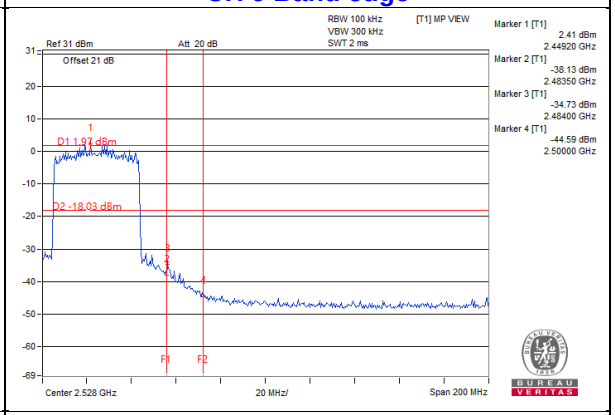




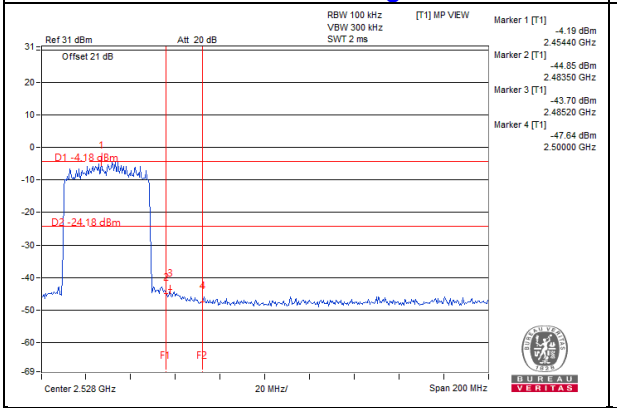
CH 3 Band edge



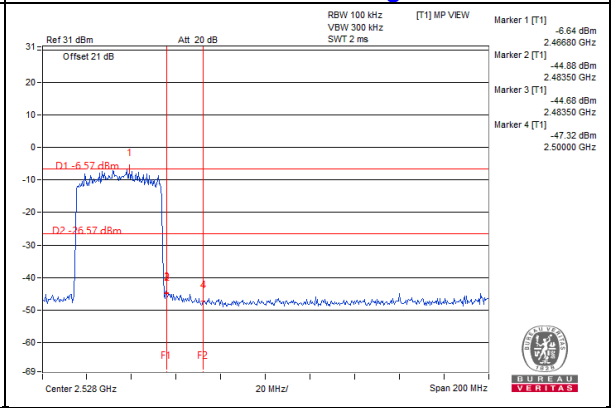
CH 9 Band edge



CH 10 Band edge



CH 11 Band edge



5 Pictures of Test Arrangements

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

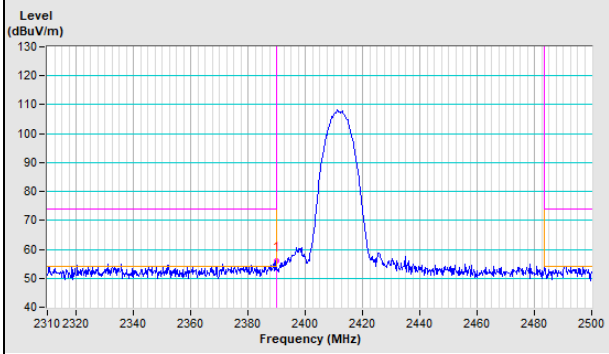
Annex A - Band-Edge Measurement

Test Results (Mode 1)

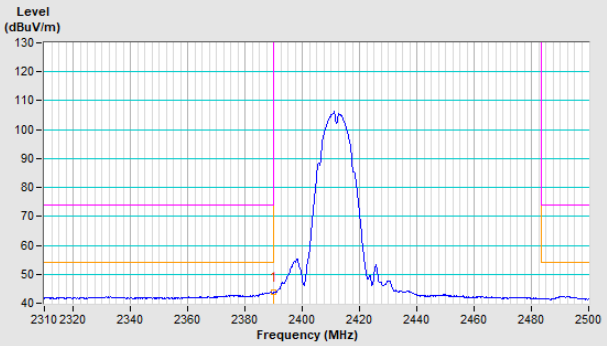
802.11b

Channel 1

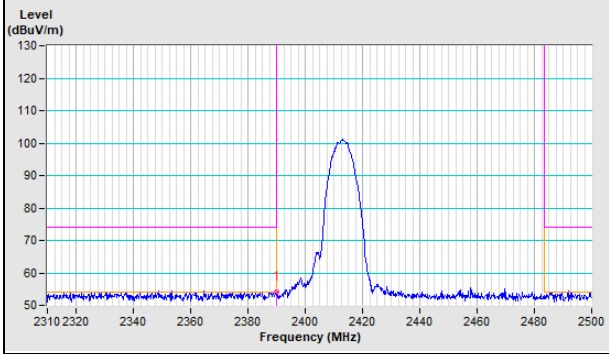
Horizontal (Peak)



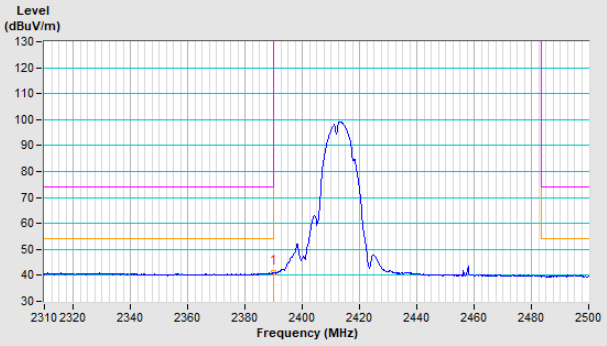
Horizontal (Average)



Vertical (Peak)

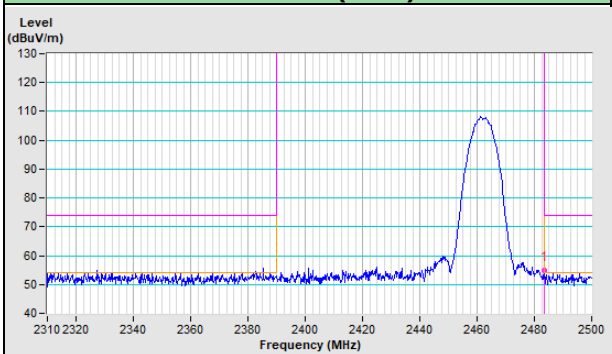


Vertical (Average)

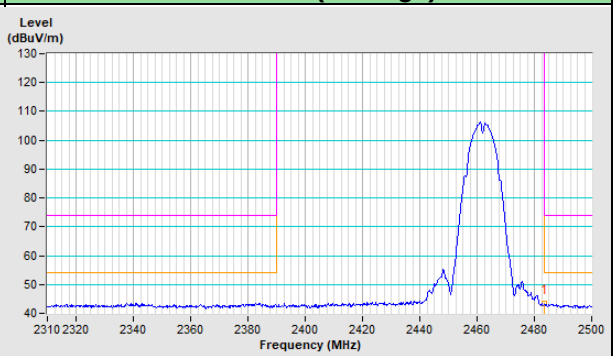


Channel 11

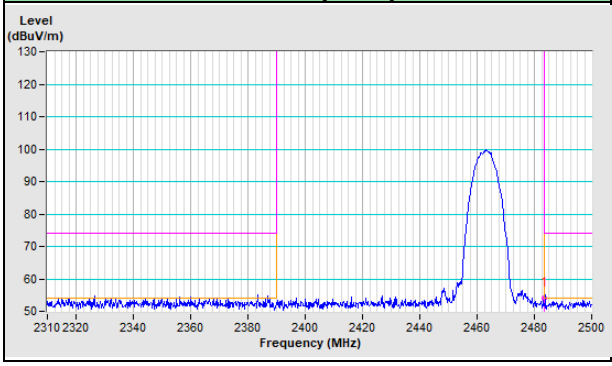
Horizontal (Peak)



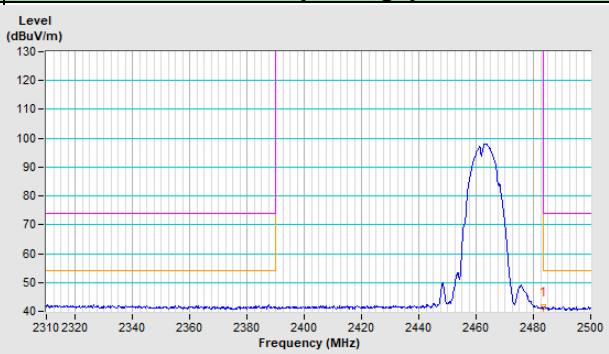
Horizontal (Average)



Vertical (Peak)

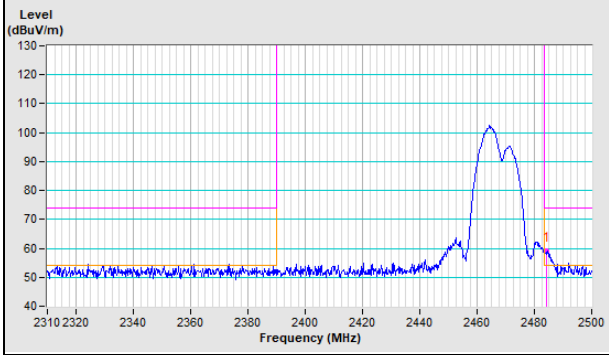


Vertical (Average)

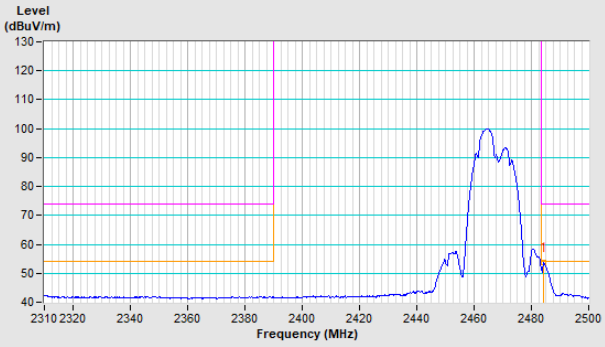


Channel 12

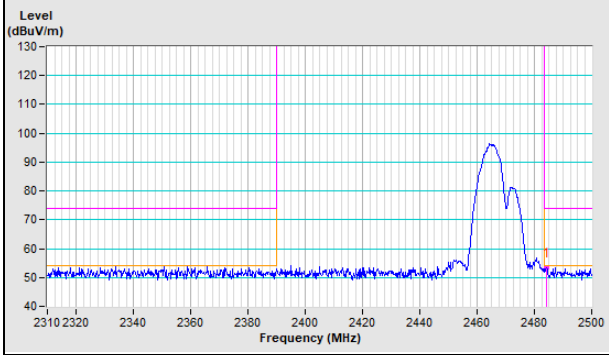
Horizontal (Peak)



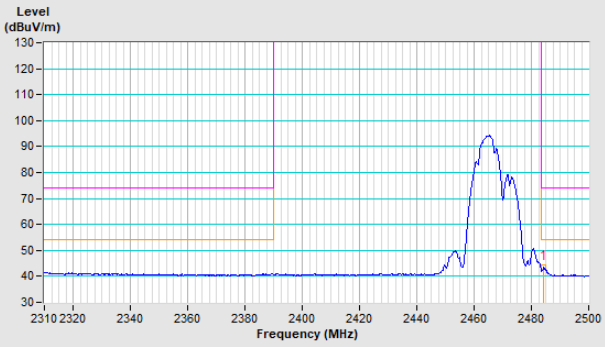
Horizontal (Average)



Vertical (Peak)

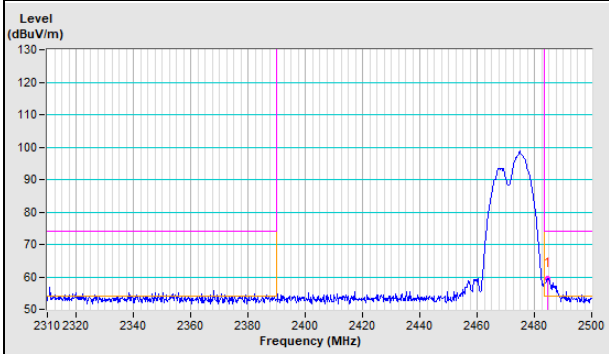


Vertical (Average)

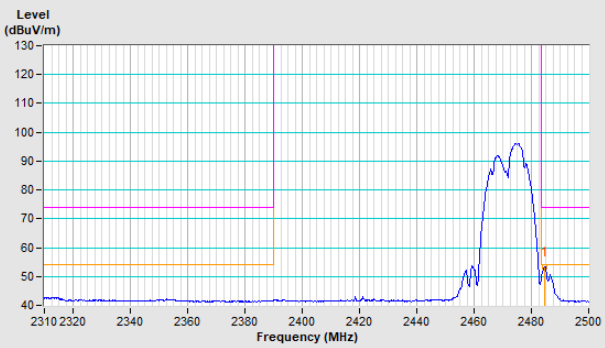


Channel 13

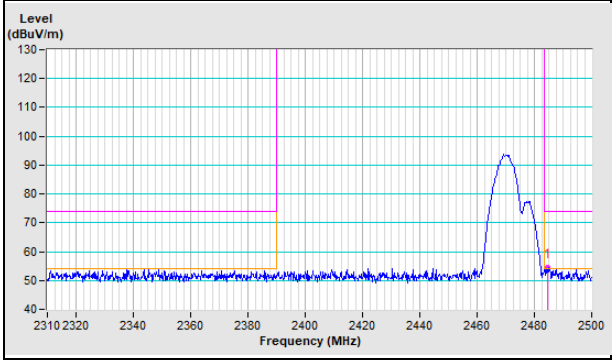
Horizontal (Peak)



Horizontal (Average)



Vertical (Peak)



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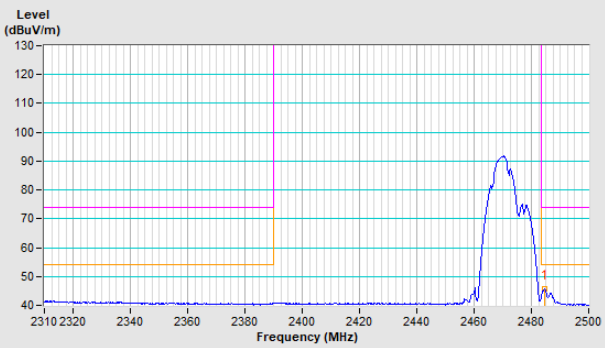
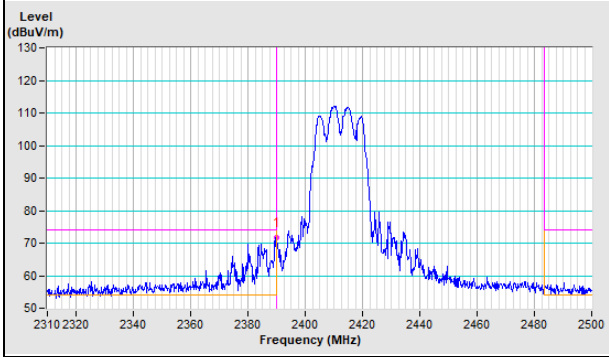


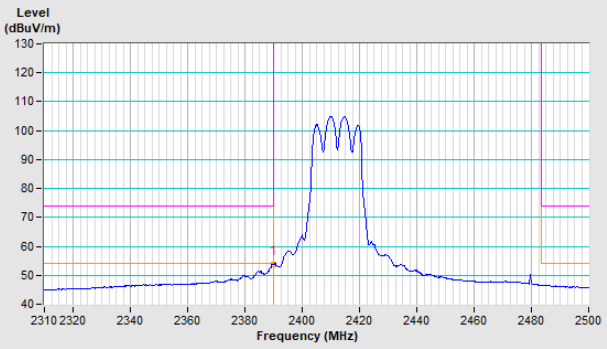
802.11g

Channel 1

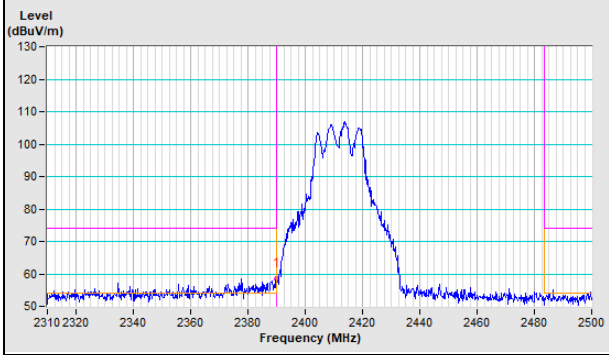
Horizontal (Peak)



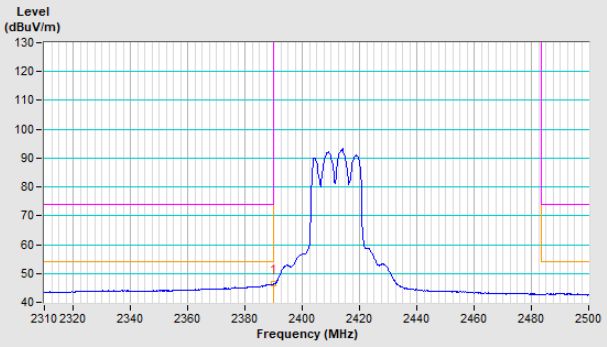
Horizontal (Average)



Vertical (Peak)

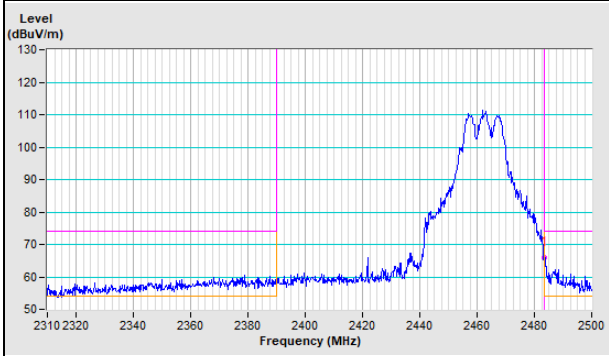


Vertical (Average)

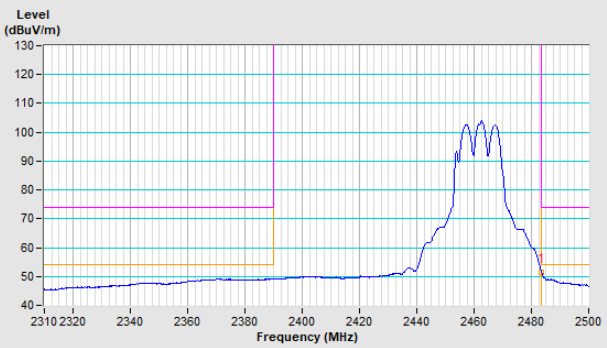


Channel 11

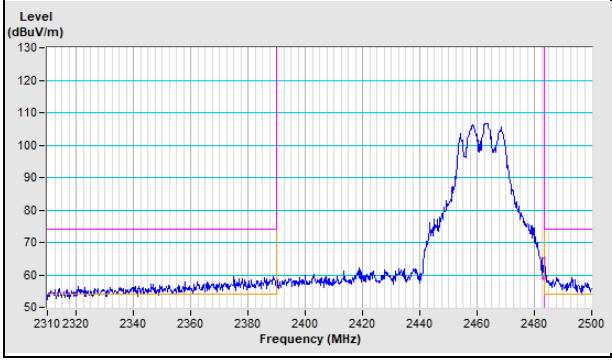
Horizontal (Peak)



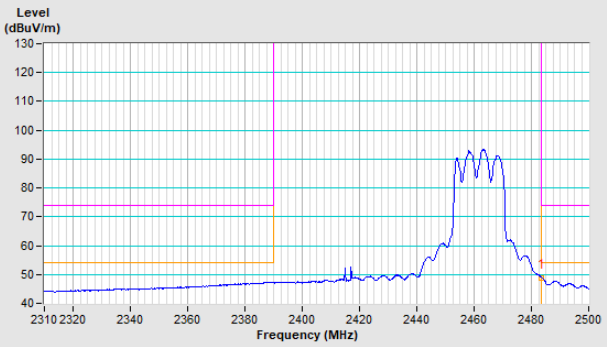
Horizontal (Average)



Vertical (Peak)

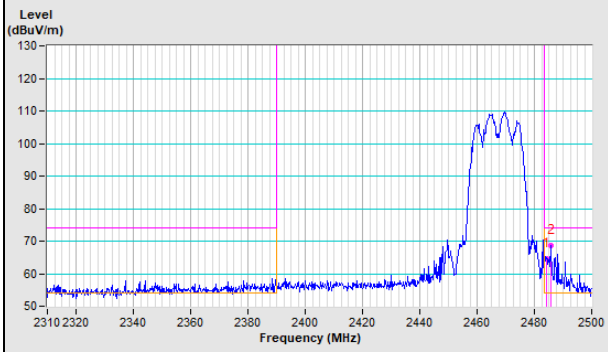


Vertical (Average)

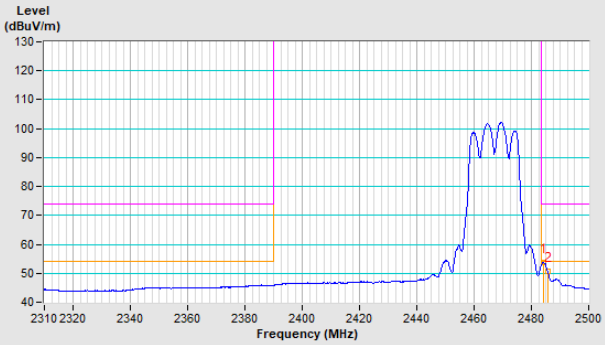


Channel 12

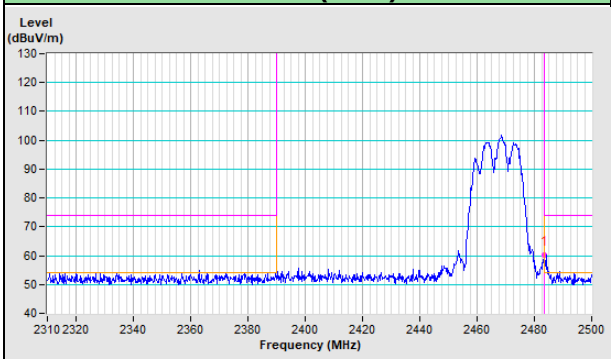
Horizontal (Peak)



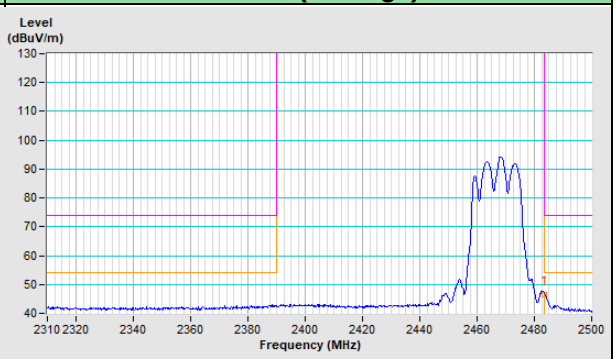
Horizontal (Average)



Vertical (Peak)

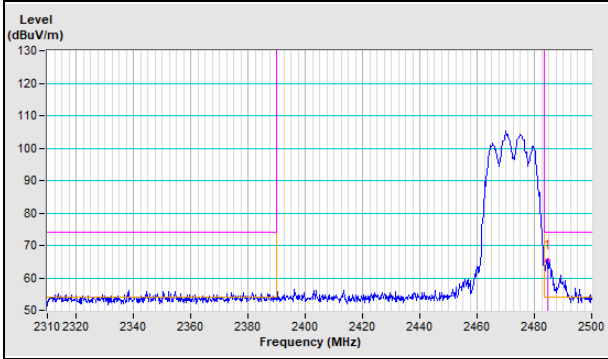


Vertical (Average)

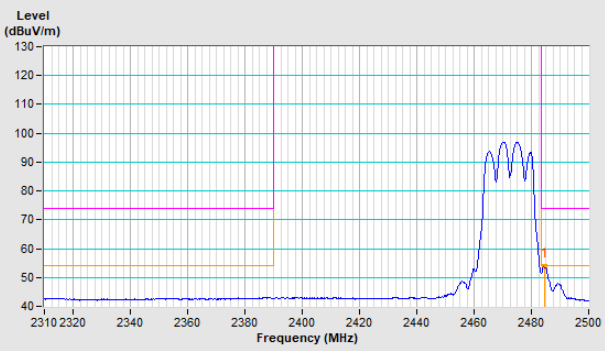


Channel 13

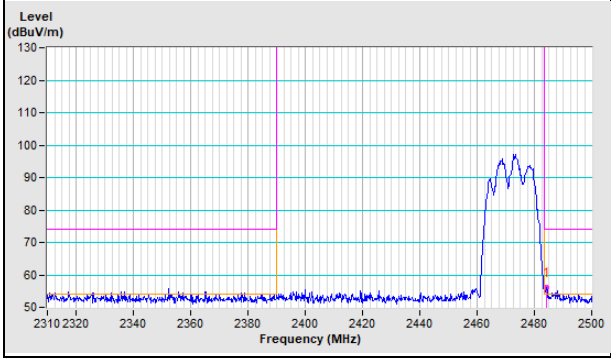
Horizontal (Peak)



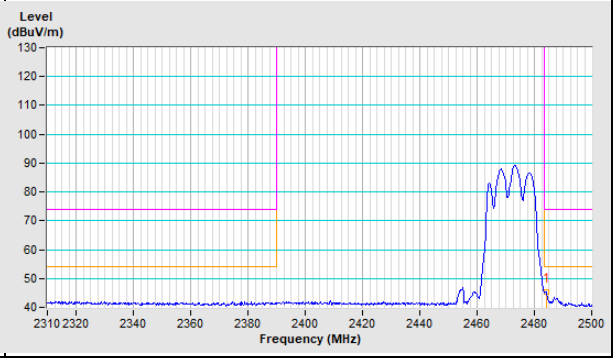
Horizontal (Average)



Vertical (Peak)



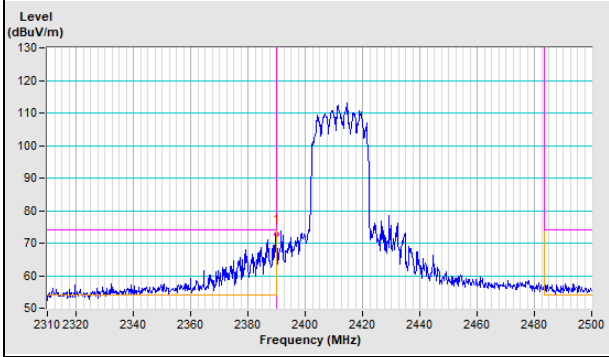
Vertical (Average)



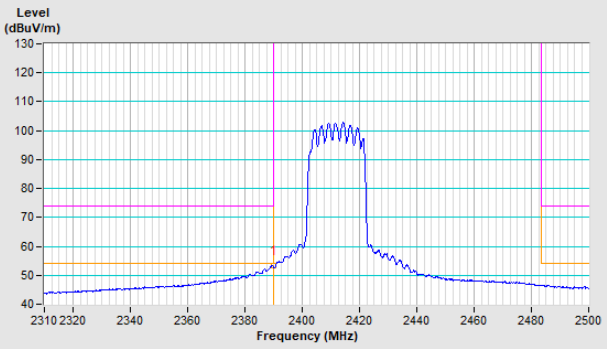
802.11ax (HE20)

Channel 1

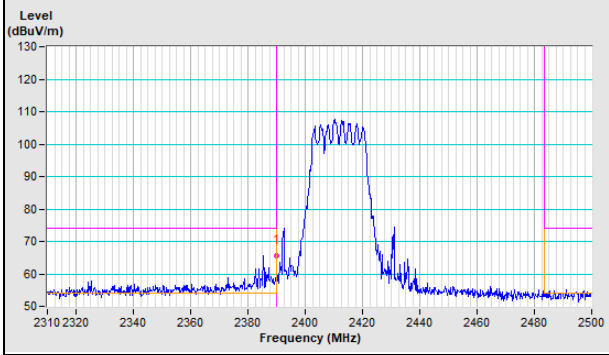
Horizontal (Peak)



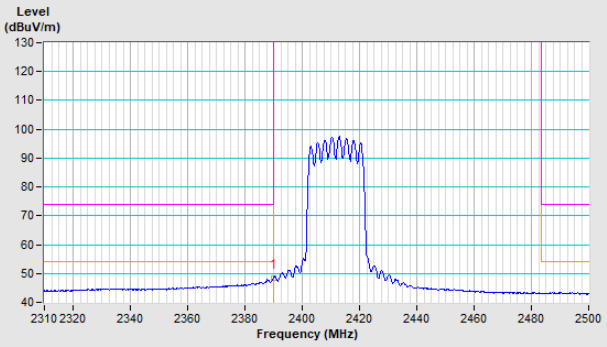
Horizontal (Average)



Vertical (Peak)

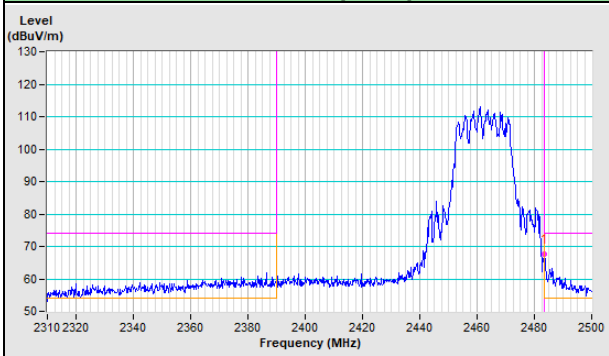


Vertical (Average)

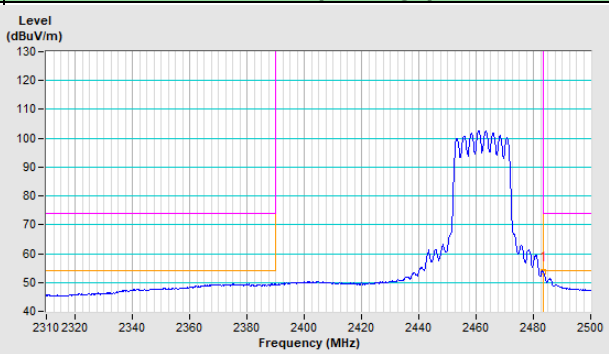


Channel 11

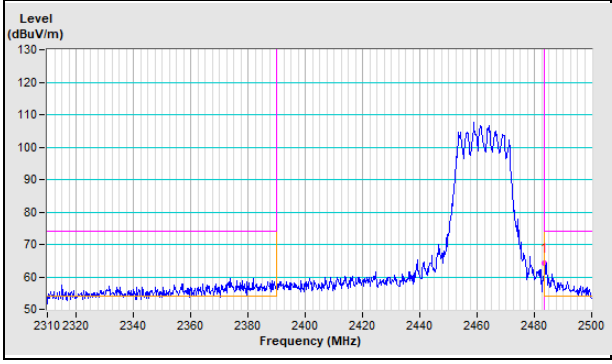
Horizontal (Peak)



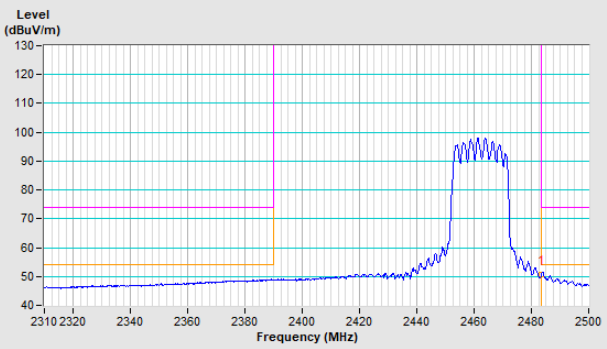
Horizontal (Average)



Vertical (Peak)

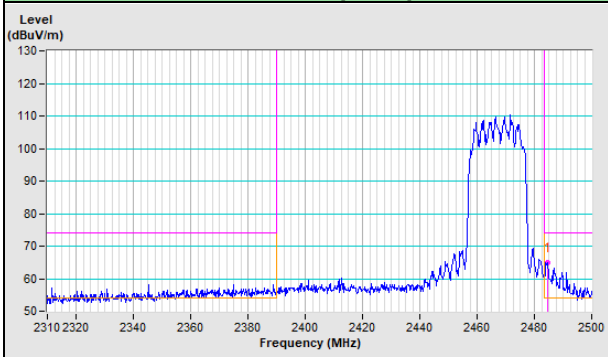


Vertical (Average)

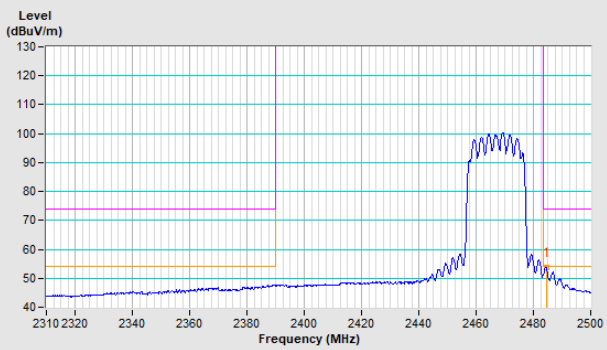


Channel 12

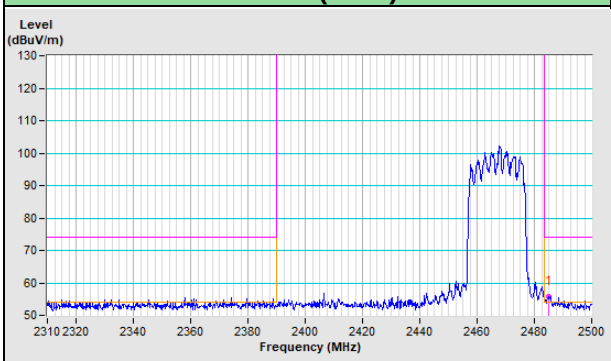
Horizontal (Peak)



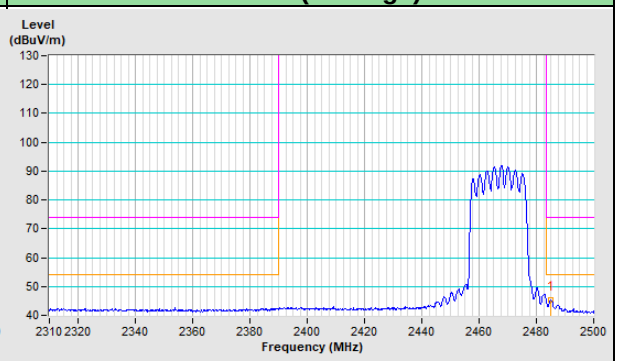
Horizontal (Average)



Vertical (Peak)

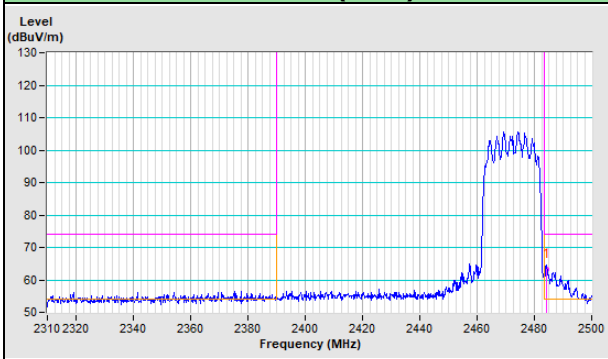


Vertical (Average)

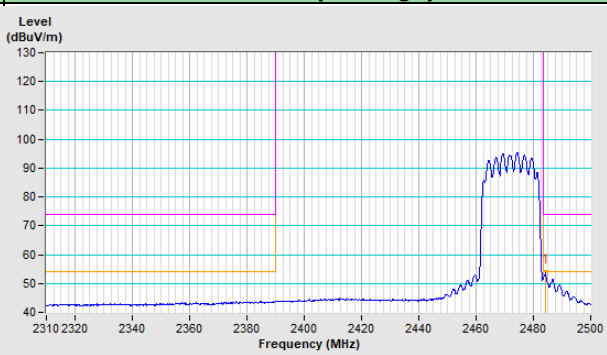


Channel 13

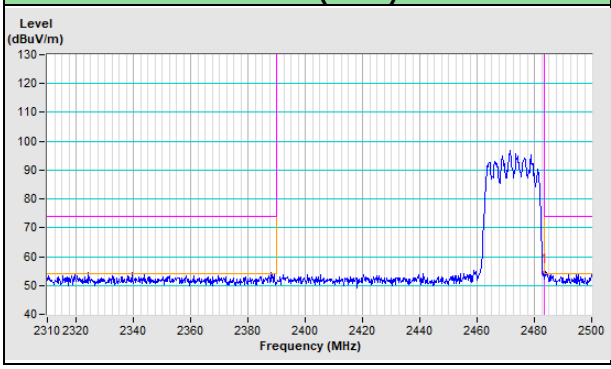
Horizontal (Peak)



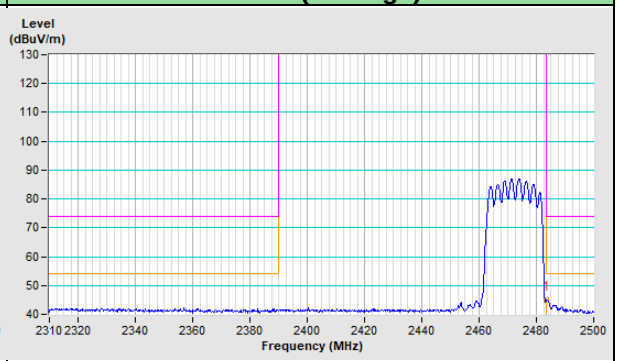
Horizontal (Average)



Vertical (Peak)



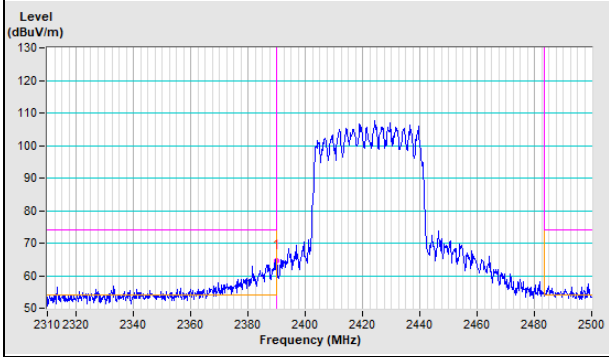
Vertical (Average)



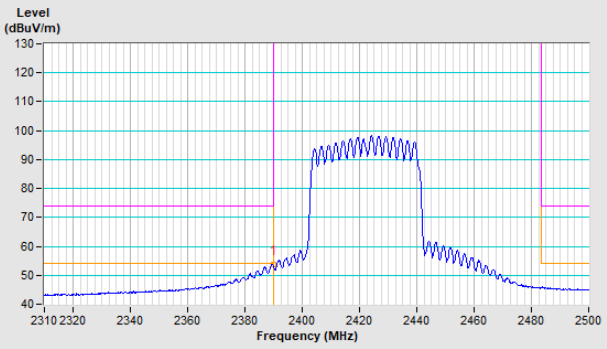
802.11ax (HE40)

Channel 3

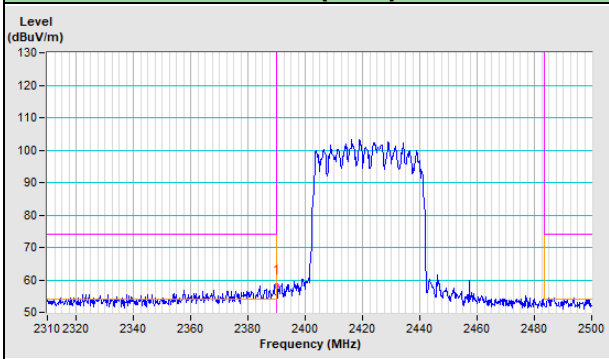
Horizontal (Peak)



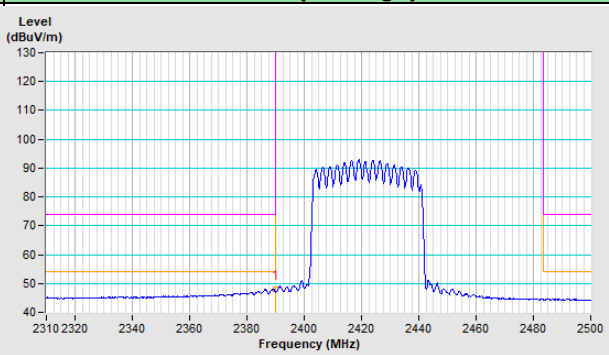
Horizontal (Average)



Vertical (Peak)

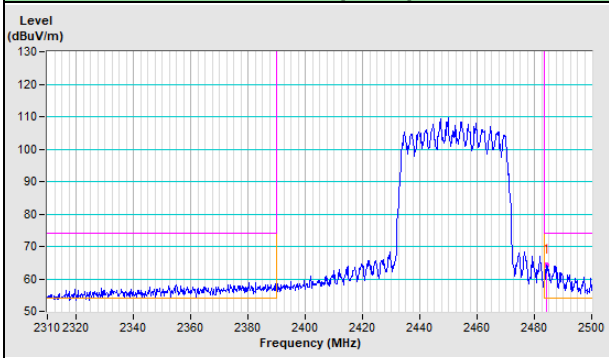


Vertical (Average)

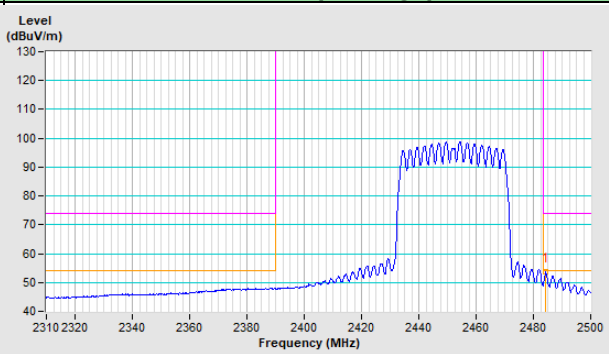


Channel 9

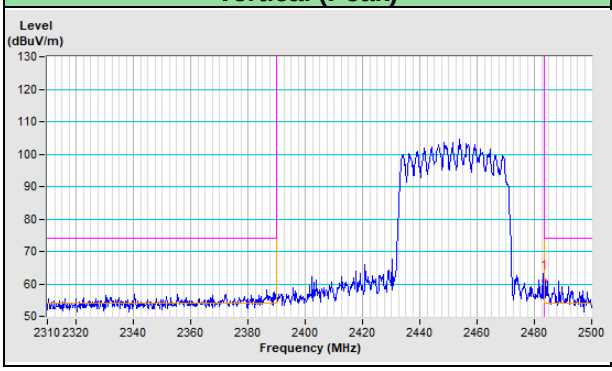
Horizontal (Peak)



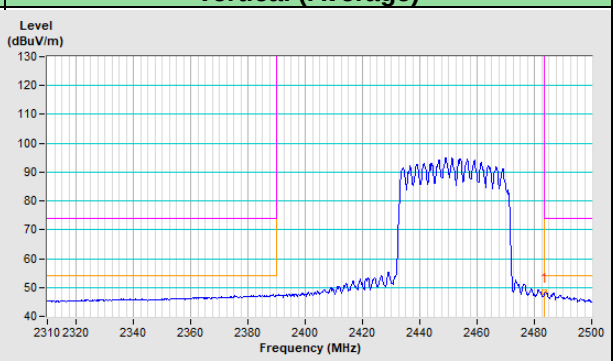
Horizontal (Average)



Vertical (Peak)

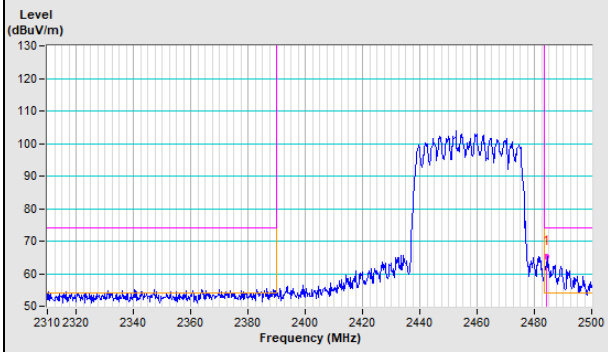


Vertical (Average)

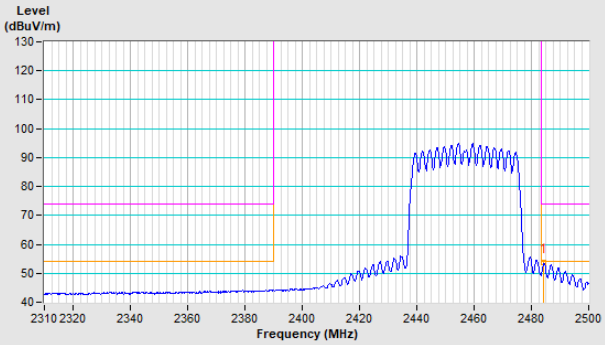


Channel 10

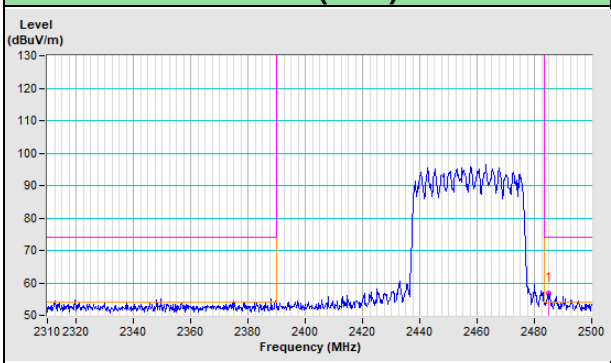
Horizontal (Peak)



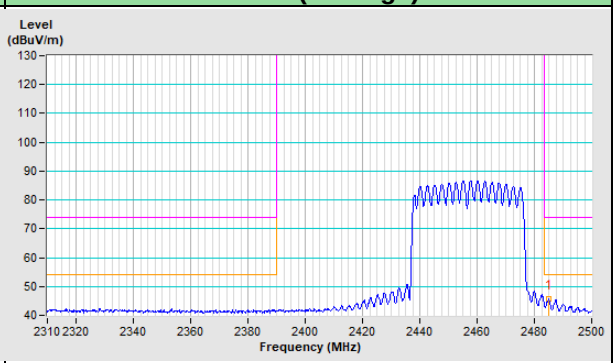
Horizontal (Average)



Vertical (Peak)

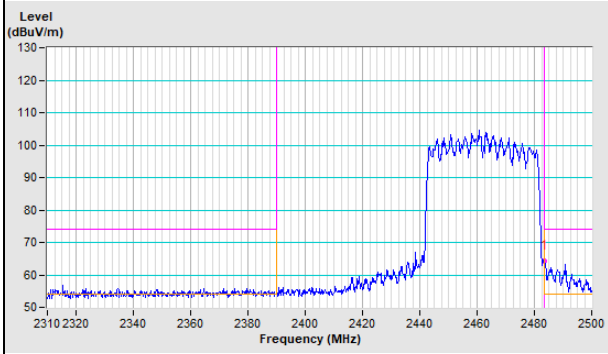


Vertical (Average)

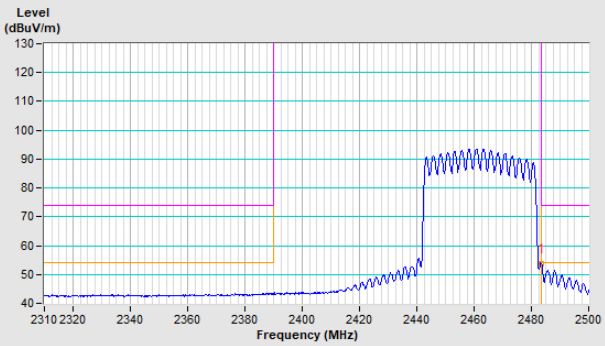


Channel 11

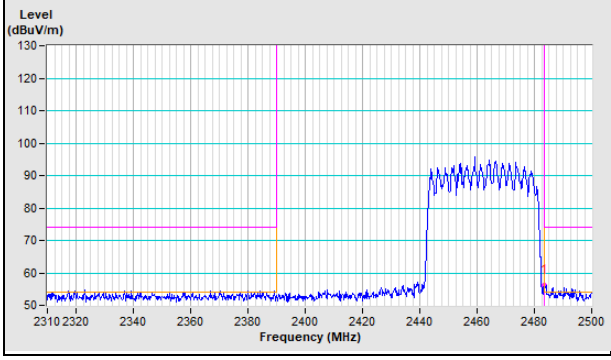
Horizontal (Peak)



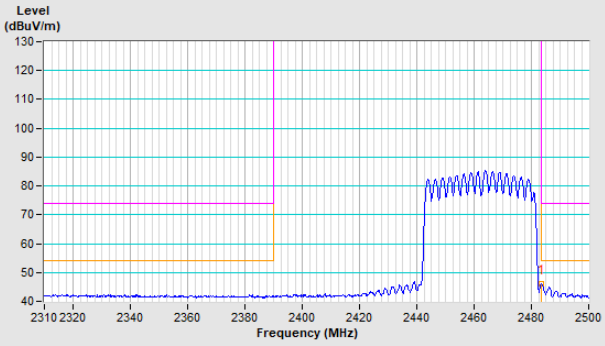
Horizontal (Average)



Vertical (Peak)



Vertical (Average)

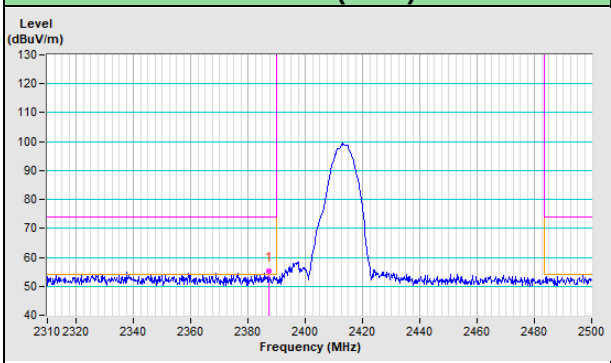


Test Results (Mode 2)

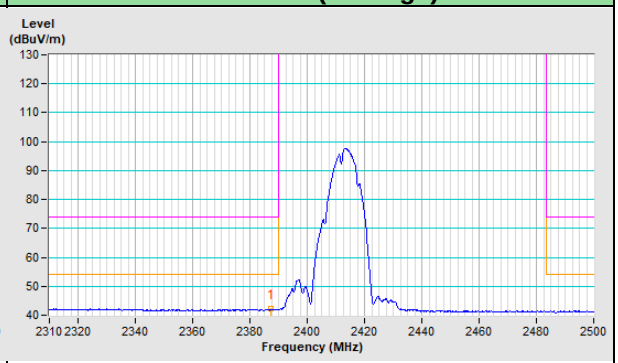
802.11b

Channel 1

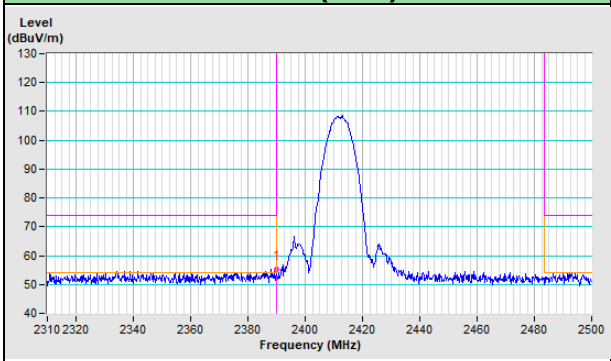
Horizontal (Peak)



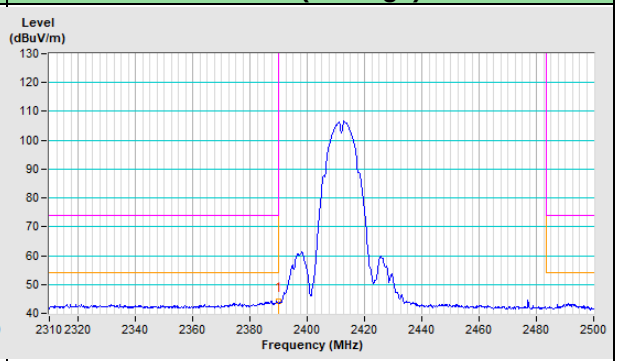
Horizontal (Average)



Vertical (Peak)

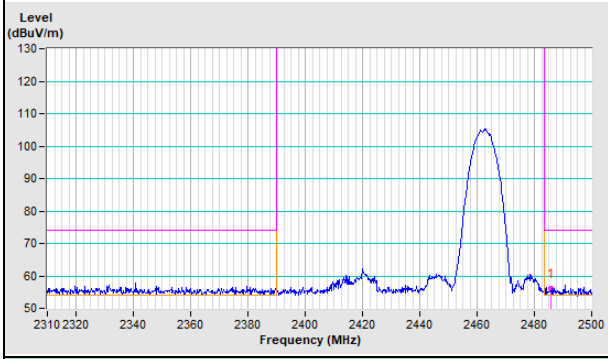


Vertical (Average)

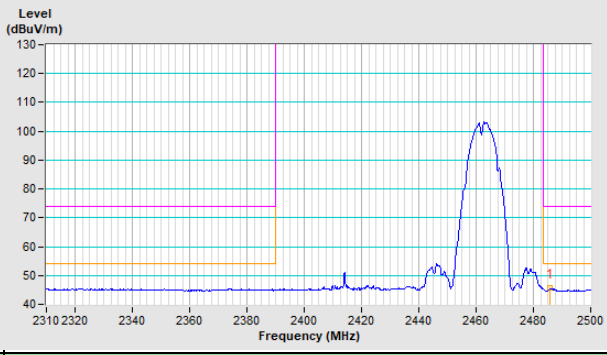


Channel 11

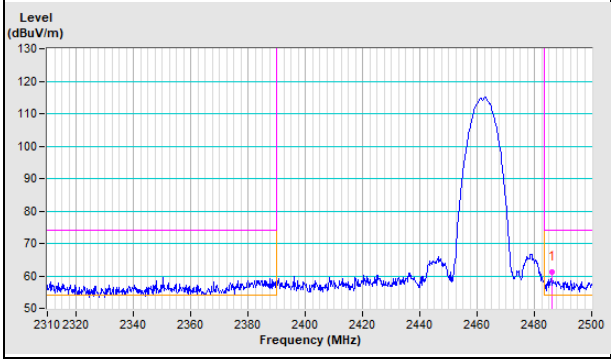
Horizontal (Peak)



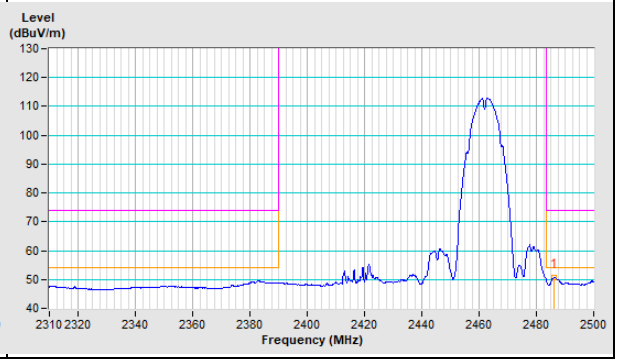
Horizontal (Average)



Vertical (Peak)

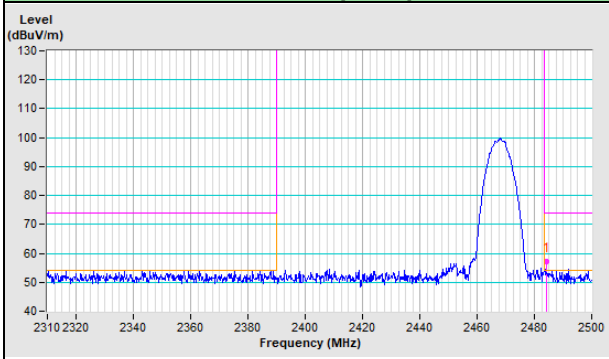


Vertical (Average)

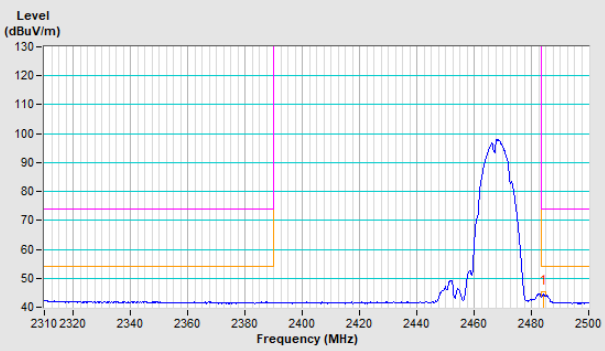


Channel 12

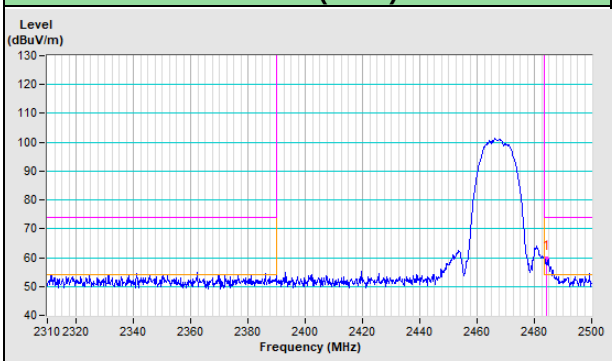
Horizontal (Peak)



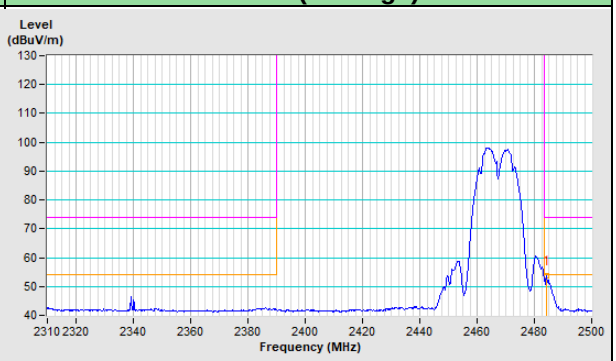
Horizontal (Average)



Vertical (Peak)

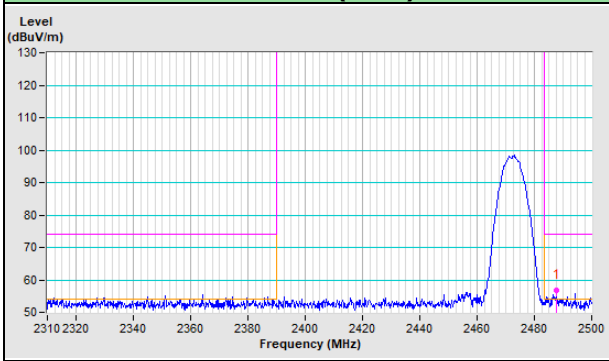


Vertical (Average)

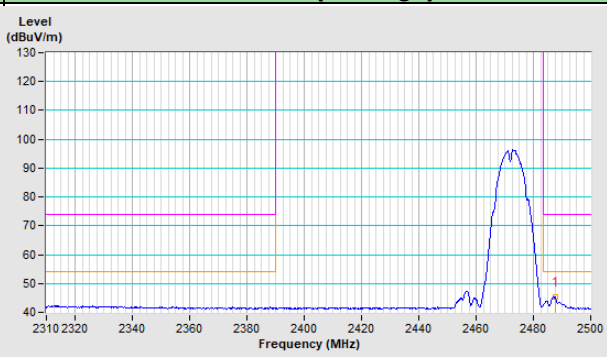


Channel 13

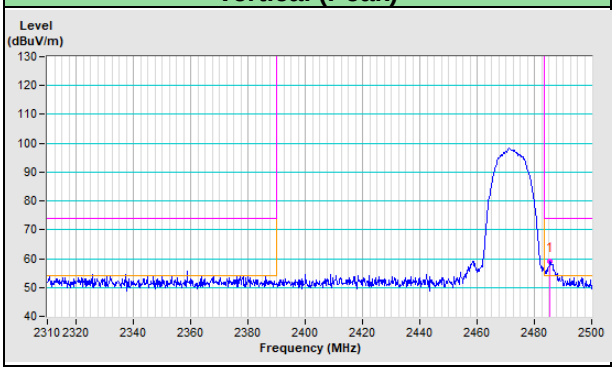
Horizontal (Peak)



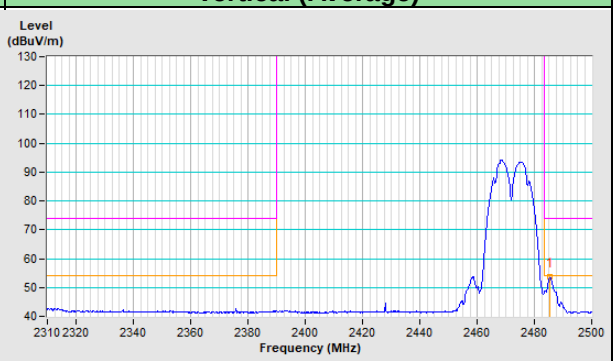
Horizontal (Average)



Vertical (Peak)



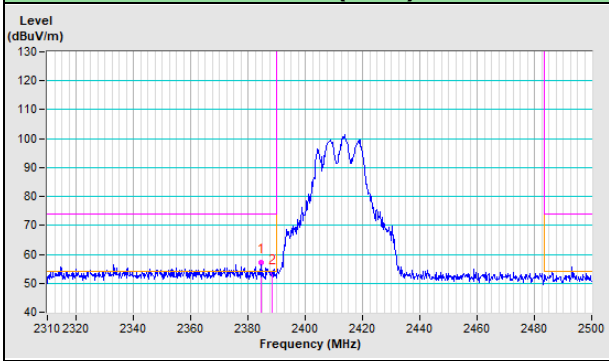
Vertical (Average)



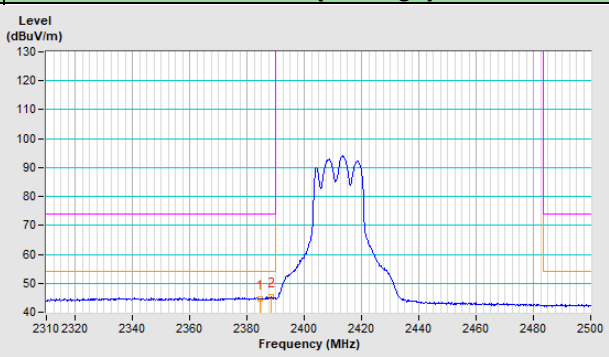
802.11g

Channel 1

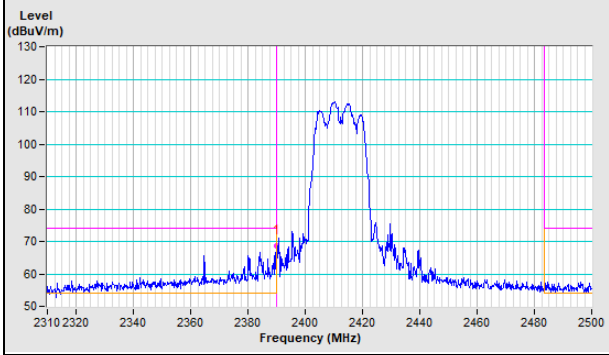
Horizontal (Peak)



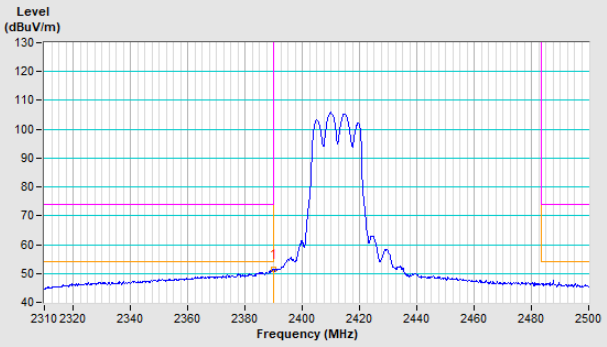
Horizontal (Average)



Vertical (Peak)

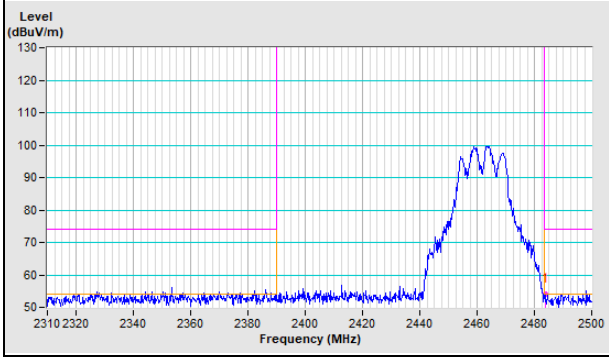


Vertical (Average)

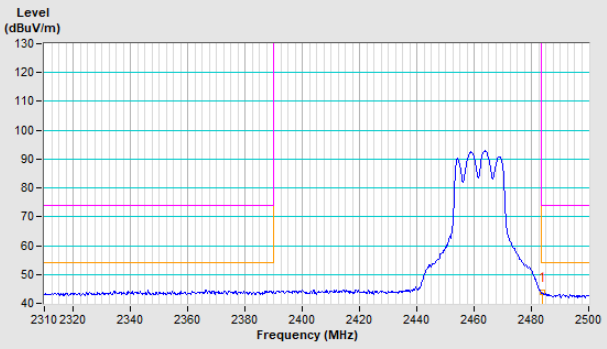


Channel 11

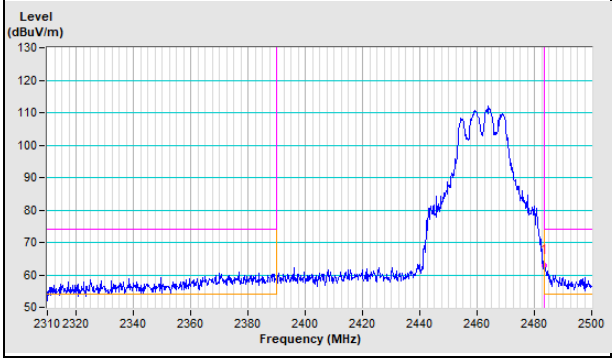
Horizontal (Peak)



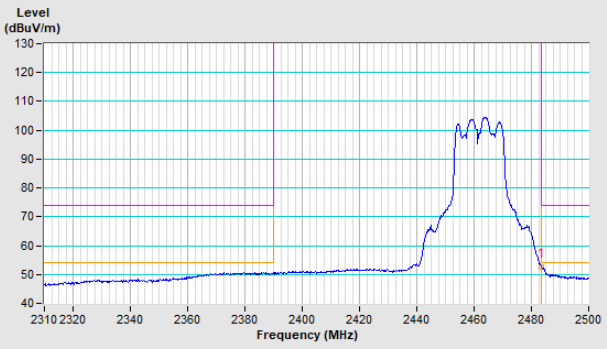
Horizontal (Average)



Vertical (Peak)

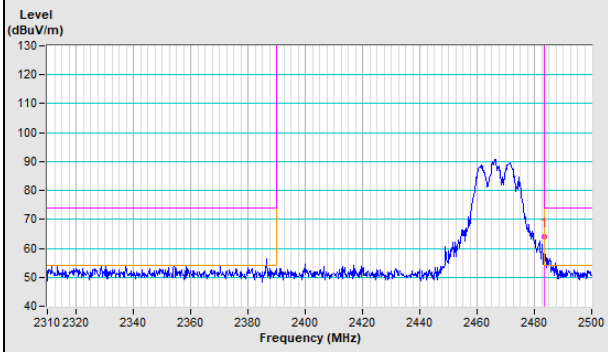


Vertical (Average)

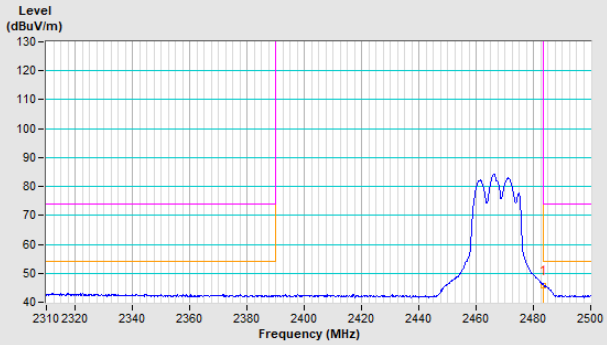


Channel 12

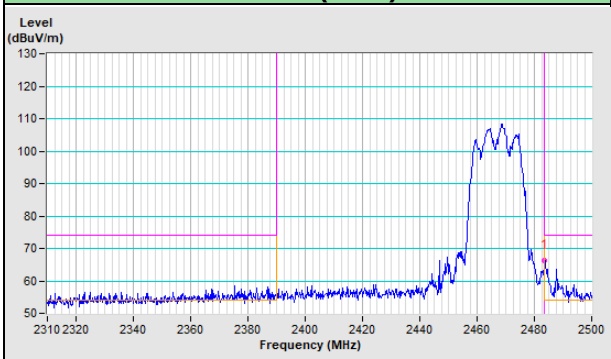
Horizontal (Peak)



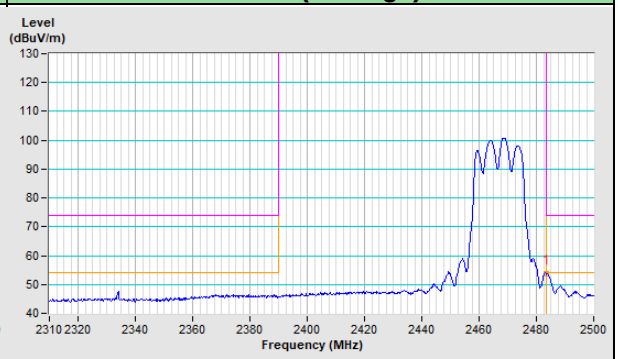
Horizontal (Average)



Vertical (Peak)

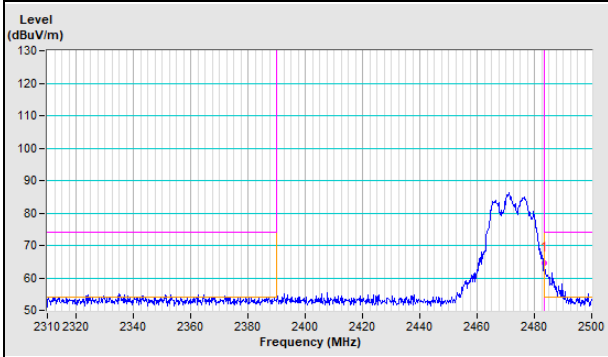


Vertical (Average)

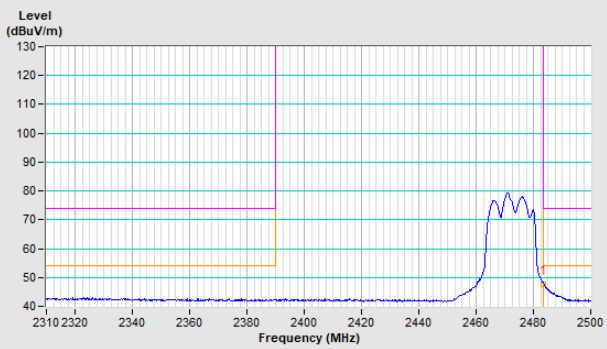


Channel 13

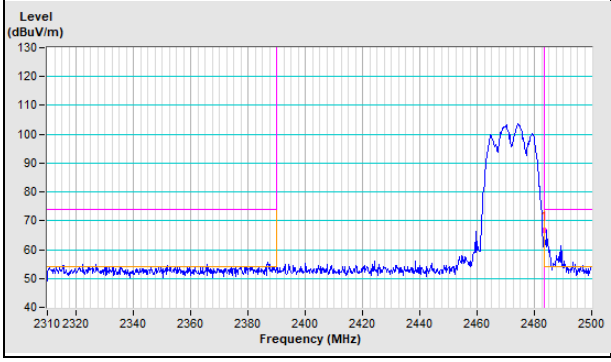
Horizontal (Peak)



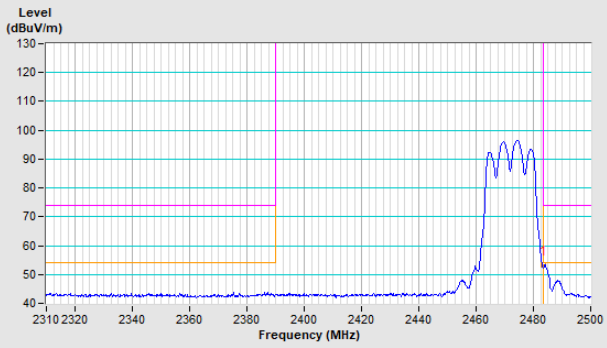
Horizontal (Average)



Vertical (Peak)



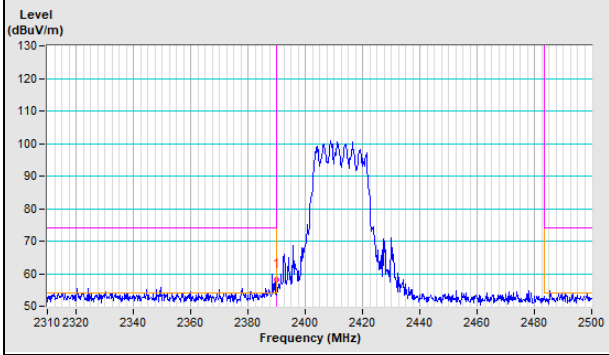
Vertical (Average)



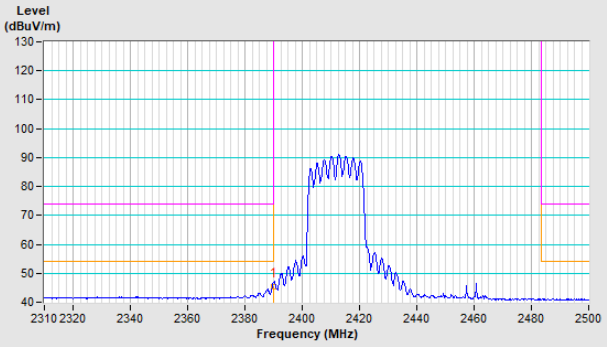
802.11ax (HE20)

Channel 1

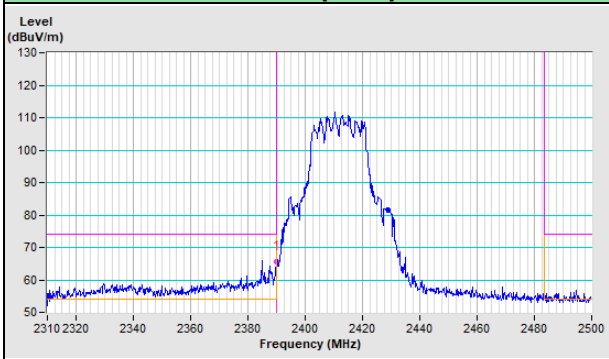
Horizontal (Peak)



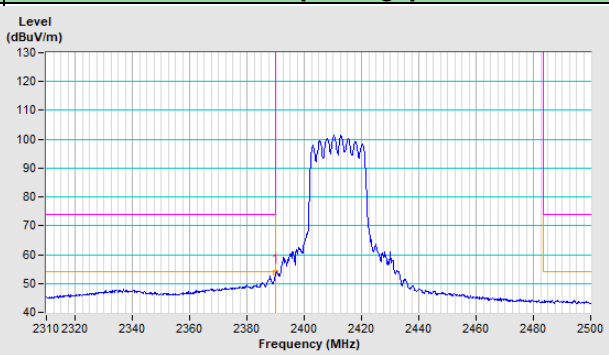
Horizontal (Average)



Vertical (Peak)

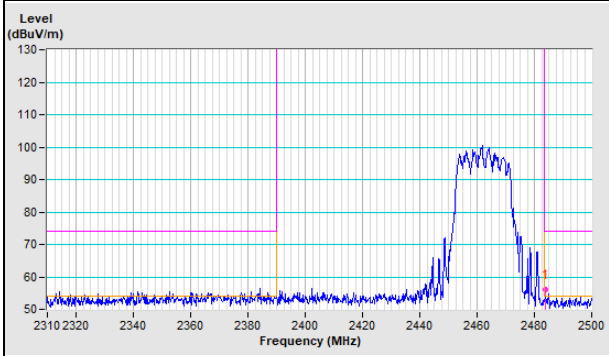


Vertical (Average)

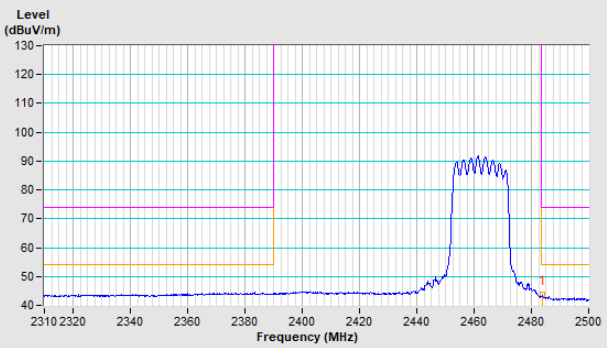


Channel 11

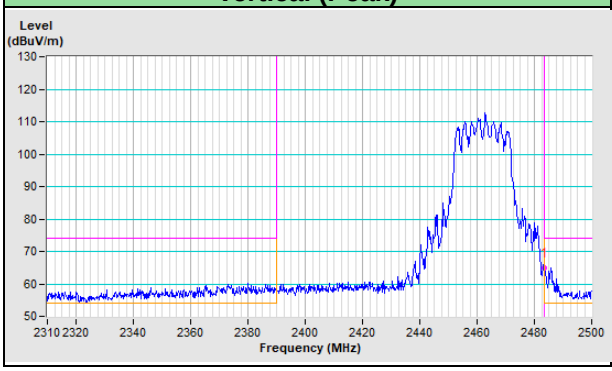
Horizontal (Peak)



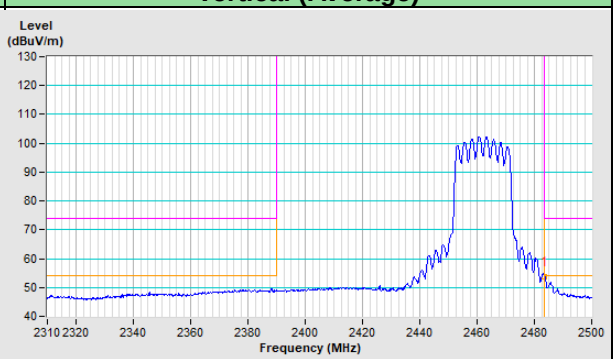
Horizontal (Average)



Vertical (Peak)

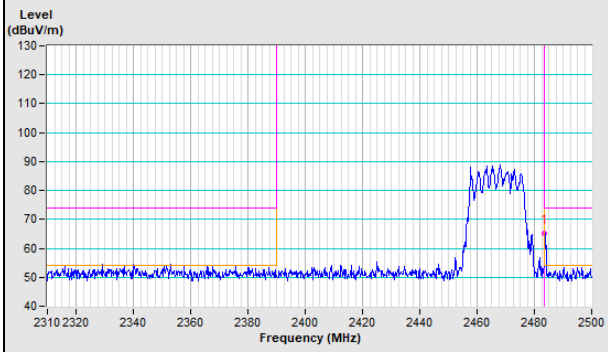


Vertical (Average)

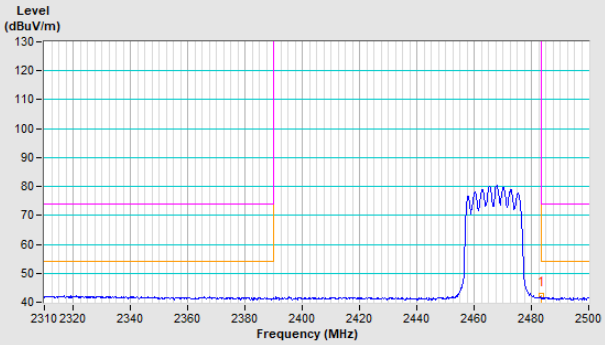


Channel 12

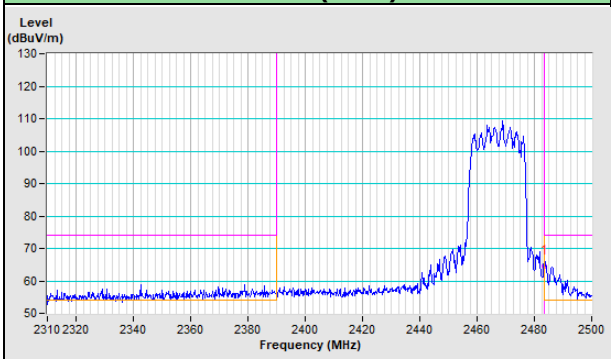
Horizontal (Peak)



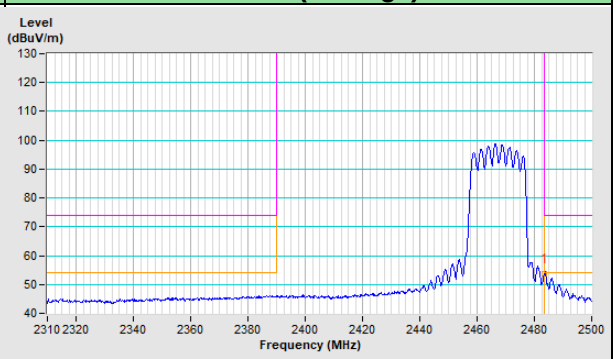
Horizontal (Average)



Vertical (Peak)

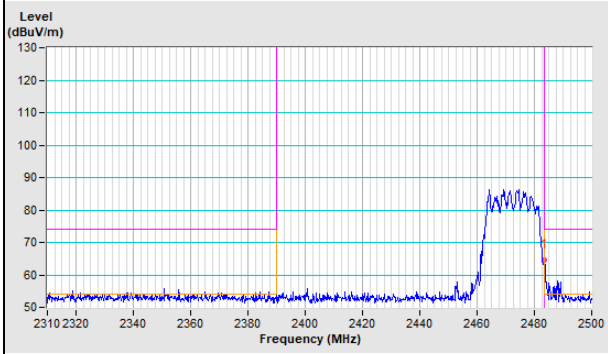


Vertical (Average)

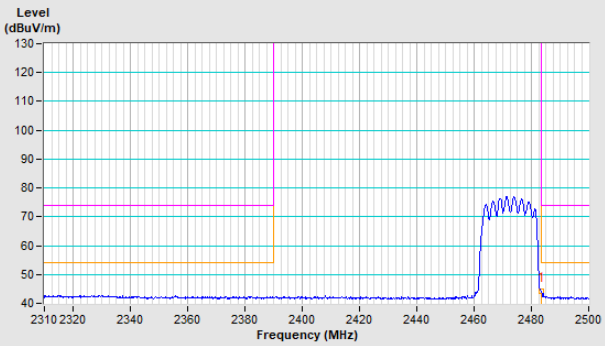


Channel 13

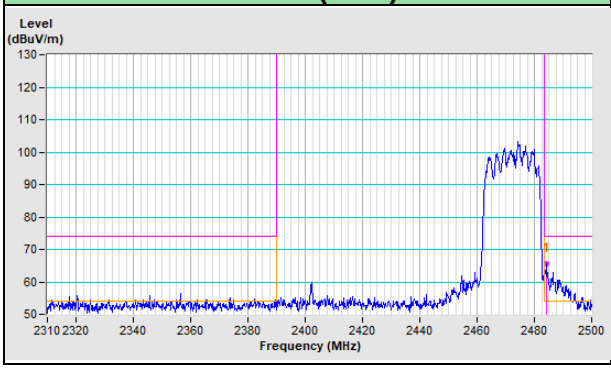
Horizontal (Peak)



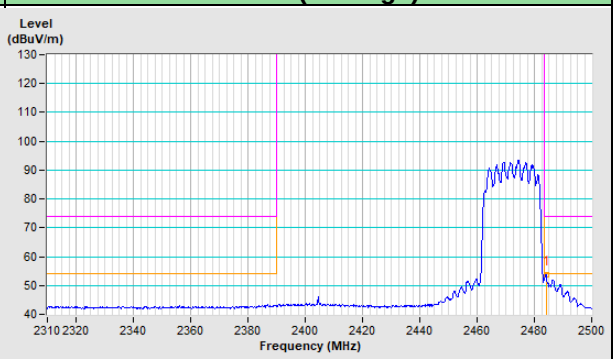
Horizontal (Average)



Vertical (Peak)



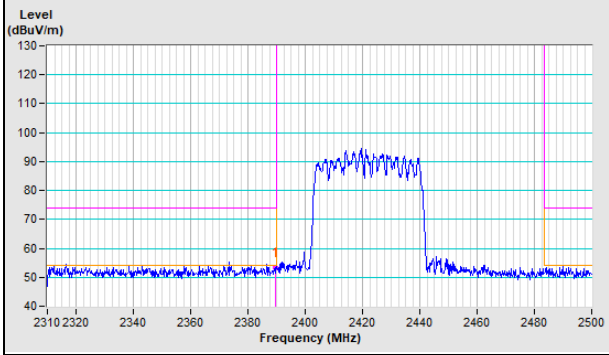
Vertical (Average)



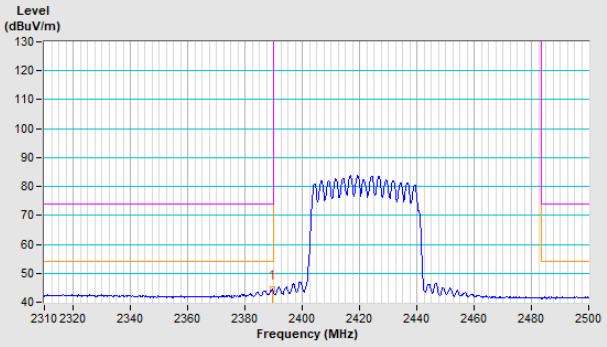
802.11ax (HE40)

Channel 3

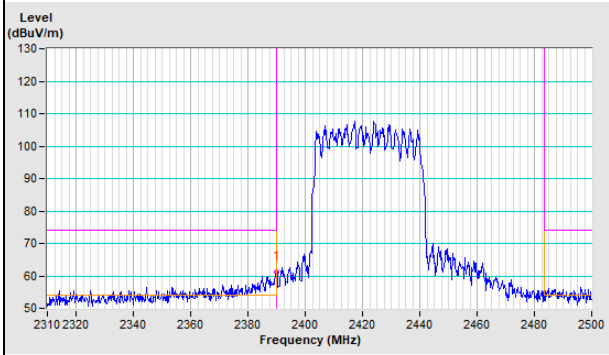
Horizontal (Peak)



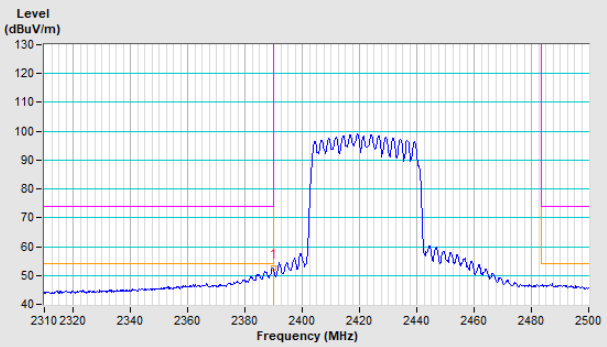
Horizontal (Average)



Vertical (Peak)

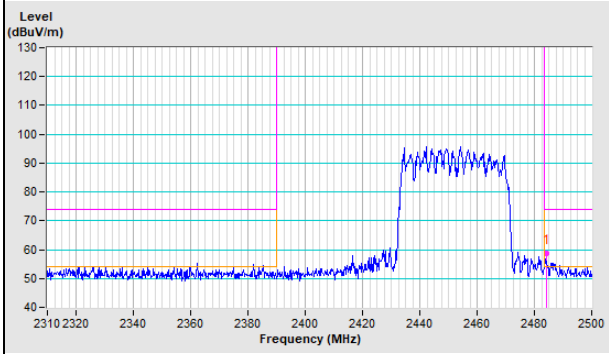


Vertical (Average)

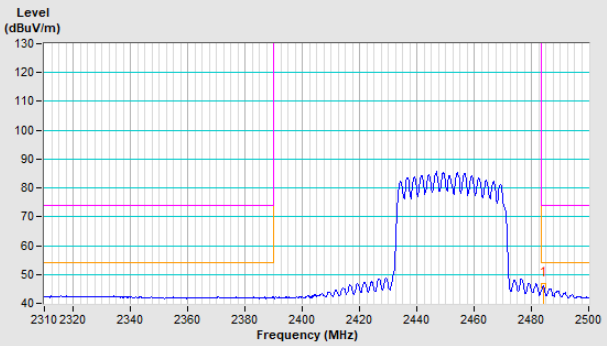


Channel 9

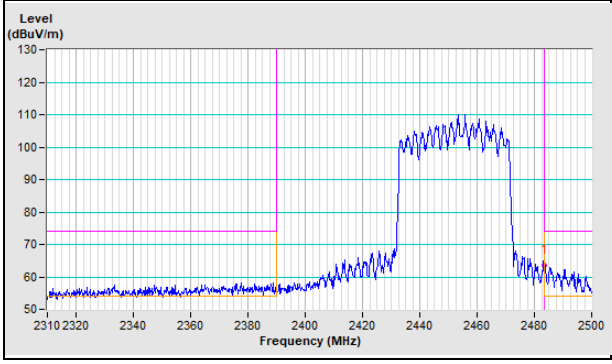
Horizontal (Peak)



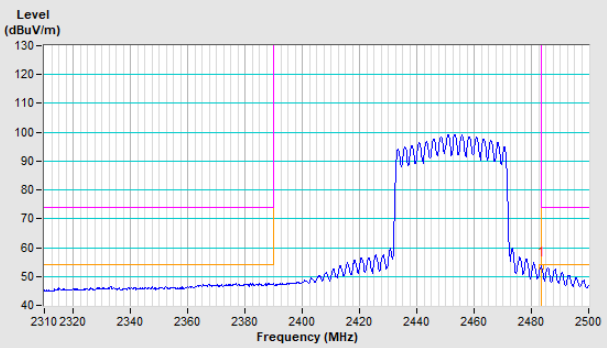
Horizontal (Average)



Vertical (Peak)

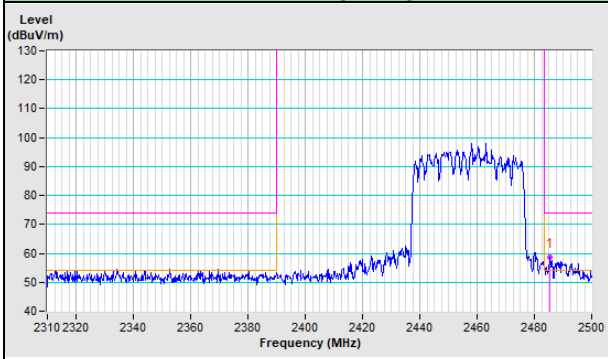


Vertical (Average)



Channel 10

Horizontal (Peak)



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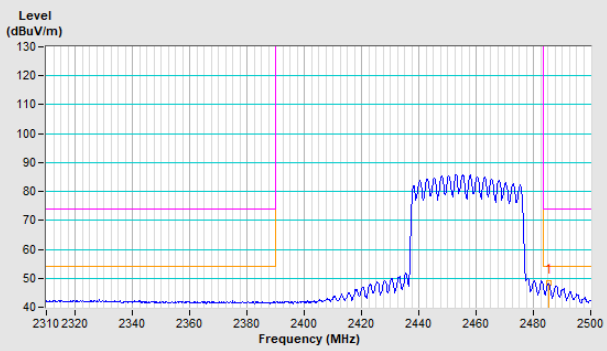
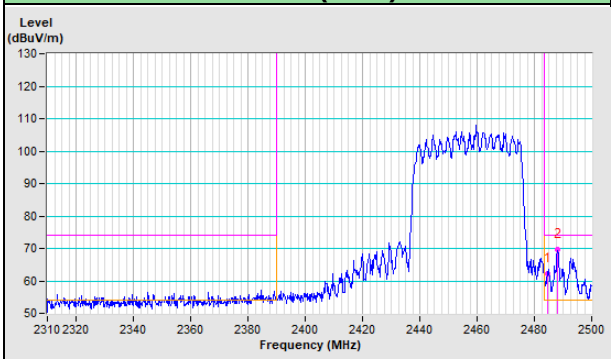


Vertical (Peak)



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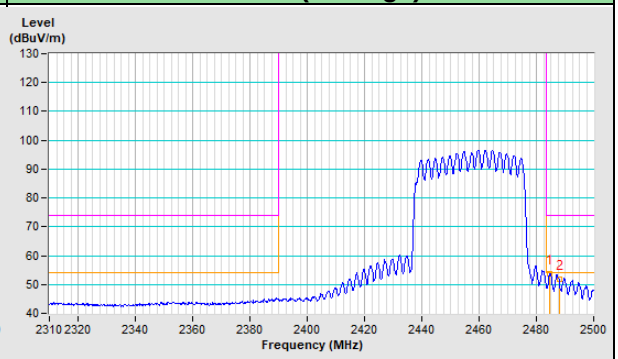
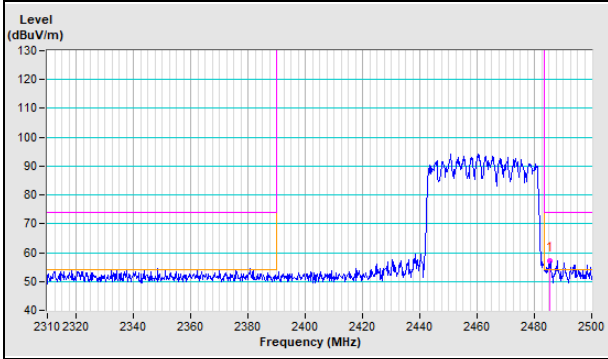
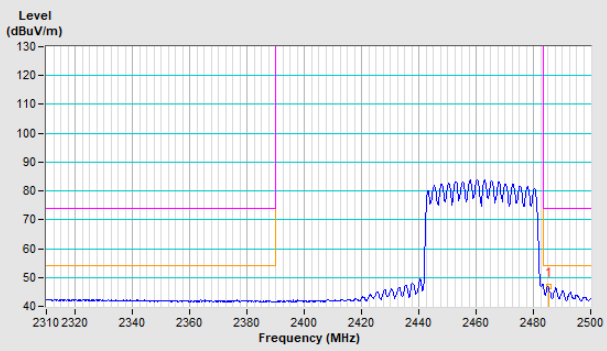


Channel 11

Horizontal (Peak)



Horizontal (Average)



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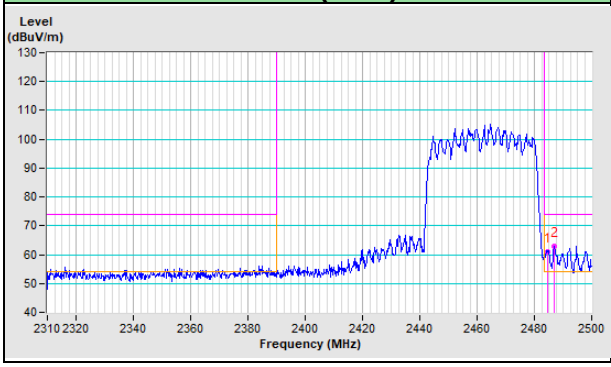
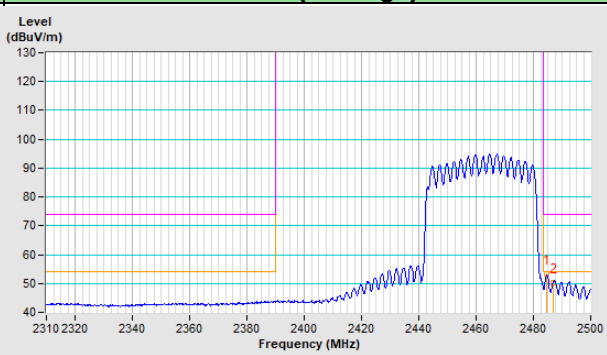


Vertical (Average)



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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

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