

## FCC Test Report (WLAN)

**Report No.:** RF180816E04

**FCC ID:** TX2-RTL8822CE

**Test Model:** RTL8822CE

**Received Date:** Aug. 16, 2018

**Test Date:** Oct. 01 to 22, 2018

**Issued Date:** Oct. 25, 2018

**Applicant:** Realtek Semiconductor Corp.

**Address:** No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, 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 R.O.C.

**Test Location:** E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,  
Taiwan R.O.C.

**FCC Registration /  
Designation Number:** 723255 / TW2022



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### Release Control Record

Issue No.	Description	Date Issued
RF180816E04	Original release.	Oct. 25, 2018

## 1 Certificate of Conformity

**Product:** 802.11a/b/g/n/ac RTL8822CE Combo module

**Brand:** Realtek

**Test Model:** RTL8822CE

**Sample Status:** ENGINEERING SAMPLE

**Applicant:** Realtek Semiconductor Corp.

**Test Date:** Oct. 01 to 22, 2018

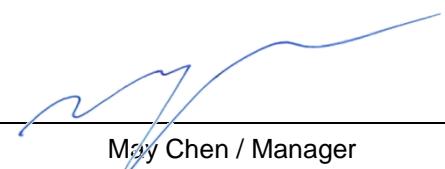
**Standards:** 47 CFR FCC Part 15, Subpart C (Section 15.247)

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:** Oct. 25, 2018

Claire Kuan / Specialist

**Approved by :**  \_\_\_\_\_, **Date:** Oct. 25, 2018

May Chen / 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 -10.71dB at 0.18906MHz.
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	PASS	Meet the requirement of limit. Minimum passing margin is -1.6dB at 2390.00MHz & 2483.5.00MHz.
15.247(d)	Antenna Port Emission	PASS	Meet the requirement of limit.
15.247(a)(2)	6dB bandwidth	PASS	Meet the requirement of limit.
15.247(b)	Conducted power	PASS	Meet the requirement of limit.
15.247(e)	Power Spectral Density	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is i-pex(MHF) not a standard connector.

### 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	1.84 dB
Radiated Emissions up to 1 GHz	30MHz ~ 1GHz	5.53 dB
Radiated Emissions above 1 GHz	1GHz ~ 6GHz	5.10 dB
	6GHz ~ 18GHz	4.85 dB
	18GHz ~ 40GHz	5.24 dB

### 2.2 Modification Record

There were no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT (WLAN)

Product	802.11a/b/g/n/ac RTL8822CE Combo module
Brand	Realtek
Test Model	RTL8822CE
Status of EUT	ENGINEERING SAMPLE
Power Supply Rating	DC 3.3V from host equipment
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode and VHT (20/40) mode in 2.4GHz
Modulation Technology	DSSS,OFDM
Transfer Rate	802.11b: up to 11Mbps 802.11a/g: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7Mbps
Operating Frequency	<b>2.4GHz:</b> 2.412 ~ 2.472GHz <b>5GHz:</b> 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.50 ~ 5.72GHz, 5.745 ~ 5.825GHz
Number of Channel	<b>2.4GHz:</b> 802.11b, 802.11g, 802.11n (HT20), VHT20: 13 VHT40, VHT40: 9 <b>5GHz:</b> 802.11a, 802.11n (HT20), 802.11ac (VHT20): 25 VHT40, 802.11ac (VHT40): 12 802.11ac (VHT80): 6

Output Power	<p><b>2.4GHz:</b></p> <p><b>1TX</b> 464.515mW</p> <p><b>2TX</b> <b>CDD Mode:</b> 794.001mW <b>Beamforming Mode:</b> 752.65mW</p> <p><b>5GHz:</b></p> <p><b>1TX</b> <b>5.18 ~ 5.24GHz:</b> 151.705mW <b>5.26 ~ 5.32GHz:</b> 153.462mW <b>5.50 ~ 5.72GHz:</b> 155.955mW <b>5.745 ~ 5.825GHz:</b> 154.882mW</p> <p><b>2TX</b> <b>CDD Mode:</b> <b>5.18 ~ 5.24GHz:</b> 203.495mW <b>5.26 ~ 5.32GHz:</b> 207.037mW <b>5.50 ~ 5.72GHz:</b> 217.036mW <b>5.745 ~ 5.825GHz:</b> 307.991mW</p> <p><b>Beamforming Mode:</b> <b>5.18 ~ 5.24GHz:</b> 153.297mW <b>5.26 ~ 5.32GHz:</b> 152.592mW <b>5.50 ~ 5.72GHz:</b> 156.509mW <b>5.745 ~ 5.825GHz:</b> 307.991mW</p>
Antenna Type	Refer to Note
Antenna Connector	Refer to Note
Accessory Device	NA
Data Cable Supplied	NA

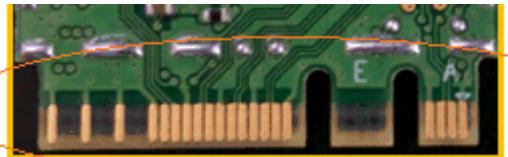
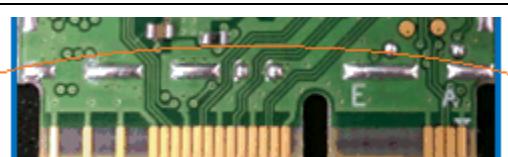
Note:

1. There are WLAN and Bluetooth technology used for the EUT.
2. The EUT has four SKUs, please refer to the following table:

SKU	Ant Port	Interface
A	Tri	PCI-E with A+E key
B	Tri	PCI-E with E key
C	Dual	PCI-E with A+E key
D	Dual	PCI-E with E key

Note: From the above SKUs, SKU: A was selected as representative model for the test and its data was recorded in this report.

3. The EUT has two interfaces. The main difference is interface, but RF is the same. Please refer to the following table:

Interface	Photo	Difference
PCI-E with A+E key		
PCI-E with E key		Interface (RF is the same.)

4. Simultaneously transmission condition (only for SKU A, B).

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.

5. The EUT has dual antenna and tri antenna, please refer to the following table:

Dual antenna
CON1+CON2
➤ 2X2 WIFI Antenna port: CON1 & CON2
➤ 1X1 BT Antenna port: CON1
➤ WiFi/BT used Time-division duplex function at CON1, so WiFi/BT not transmitter simultaneous at CON1.
Tri antenna
CON1+CON2+CON3
➤ 2X2 WIFI Antenna port: CON1 & CON2
➤ 1X1 BT Antenna port: CON3 or CON1
➤ If BT function at CON1, WiFi/BT used Time-division duplex function, so WiFi/BT not transmitter simultaneous at CON1.
➤ If BT function at CON3, WiFi/BT can transmitter simultaneous for BT at CON 3 and WiFi at CON1 & CON2.

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

Antenna No.	CON No.	Brand	Model	Ant. Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type
1	CON1	LYNwave	ALA110-222050-300011	3.5	2.4~2.4835	PIFA	i-pex(MHF)
	CON2			5	5.15~5.85	PIFA	i-pex(MHF)
2	CON1	PSA	RFDPA171320E MLB301	3.14	2.4~2.4835	Dipole	i-pex(MHF)
	CON2			5	5.15~5.85	Dipole	i-pex(MHF)

7. The EUT incorporates a MIMO function.

2.4GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11b	1 ~ 11Mbps	2TX	2RX
802.11g	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
VHT20	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
VHT40	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
5GHz Band			
MODULATION MODE	DATA RATE (MCS)	TX & RX CONFIGURATION	
802.11a	6 ~ 54Mbps	2TX	2RX
802.11n (HT20)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11n (HT40)	MCS 0~7	2TX	2RX
	MCS 8~15	2TX	2RX
802.11ac (VHT20)	MCS0~8 Nss=1	2TX	2RX
	MCS0~8 Nss=2	2TX	2RX
802.11ac (VHT40)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX
802.11ac (VHT80)	MCS0~9 Nss=1	2TX	2RX
	MCS0~9 Nss=2	2TX	2RX

Note:

- All of modulation mode support beamforming function except 802.11a/b/g modulation mode.
- The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.
- The modulation and bandwidth are similar for 802.11n mode for 20MHz (40MHz) and 802.11ac mode for 20MHz (40MHz), therefore investigated worst case to representative mode in test report. (Final test mode refer section 3.2.1)
- 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.

### 3.2 Description of Test Modes

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

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

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

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

### 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

PLC: Power Line Conducted Emission

RE<1G: Radiated Emission below 1GHz

APCM: Antenna Port Conducted Measurement

**Note:** 1. The EUT's antenna (PIFA) had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on X-plane.

#### Radiated Emission Test (Above 1GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

2TX - CDD Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6.5
VHT40	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDM	BPSK	13.5
1TX Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6.5
VHT40	3 to 11	3, 6, 9, 10, 11	OFDM	BPSK	13.5

#### 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.

2TX - CDD Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11g	1 to 13	6	OFDM	BPSK	6

**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.

2TX - CDD Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11g	1 to 13	6	OFDM	BPSK	6

**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.

2TX - CDD Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6.5
VHT40	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDM	BPSK	13.5
1TX Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 6, 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6.5
VHT40	3 to 11	3, 6, 9, 10, 11	OFDM	BPSK	13.5
2TX - Beamforming Mode					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
VHT20	1 to 13	1, 2, 6, 10, 11, 12, 13	OFDM	BPSK	6.5
VHT40	3 to 11	3, 4, 6, 8, 9, 10, 11	OFDM	BPSK	13.5

**Test Condition:**

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	22deg. C, 66%RH	120Vac, 60Hz	Robert Cheng
RE<1G	21deg. C, 64%RH	120Vac, 60Hz	Steven Chiang
PLC	25deg. C, 75%RH	120Vac, 60Hz	Andy Ho
APCM	25deg. C, 60%RH	120Vac, 60Hz	Rober Cheng

### 3.3 Duty Cycle of Test Signal

If duty cycle of test signal is  $\geq 98\%$ , duty factor is not required.

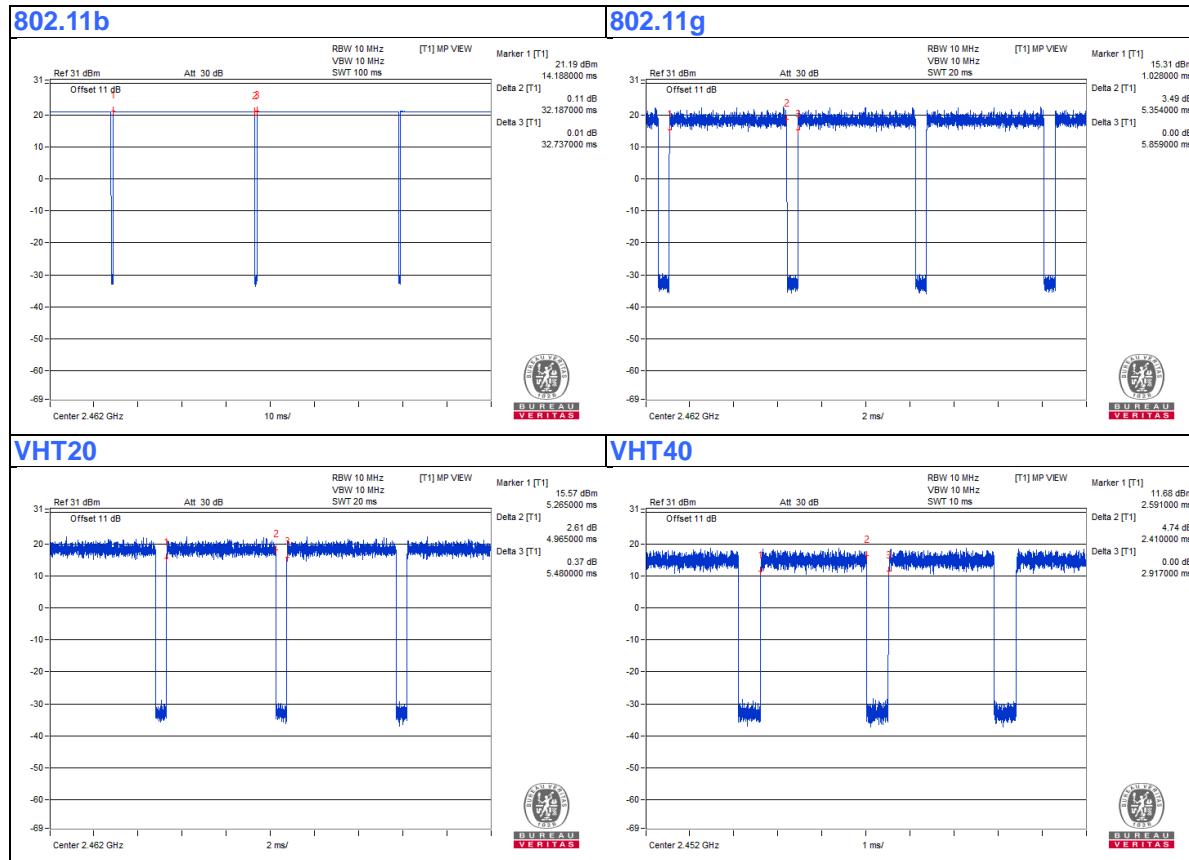
If duty cycle of test signal is  $< 98\%$ , duty factor shall be considered.

**802.11b:** Duty cycle =  $32.187/32.737 = 0.983$

**802.11g:** Duty cycle =  $5.354/5.859 = 0.914$ , Duty factor =  $10 * \log(1/0.914) = 0.39$

**VHT20:** Duty cycle =  $4.965/5.48 = 0.906$ , Duty factor =  $10 * \log(1/0.906) = 0.43$

**VHT40:** Duty cycle =  $2.41/2.917 = 0.826$ , Duty factor =  $10 * \log(1/0.826) = 0.83$



### 3.4 Description of Support Units

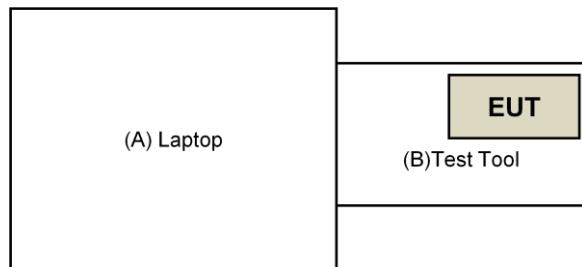
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Laptop	DELL	E6420	B92T3R1	FCC DoC	Provided by Lab
B.	Test Tool	NA	NA	NA	NA	Supplied by client

Note:

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

#### 3.4.1 Configuration of System under Test



### **3.5 General Description of Applied Standards**

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

**FCC Part 15, Subpart C (15.247)**

**KDB 558074 D01 15.247 Meas Guidance v05**

**KDB 662911 D01 Multiple Transmitter Output v02r01**

**ANSI C63.10-2013**

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

## 4 Test Types and Results

### 4.1 Radiated Emission and Bandedge Measurement

#### 4.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. 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 (dB<sub>UV</sub>/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

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Keysight	N9038A	MY54450088	July 05, 2018	July 04, 2019
Pre-Amplifier EMCI	EMC001340	980142	Feb. 09, 2018	Feb. 08, 2019
Loop Antenna <sup>(*)</sup> Electro-Metrics	EM-6879	264	Dec. 16, 2016	Dec. 15, 2018
RF Cable	NA	LOOPCAB-001	Jan. 15, 2018	Jan. 14, 2019
RF Cable	NA	LOOPCAB-002	Jan. 15, 2018	Jan. 14, 2019
Pre-Amplifier Mini-Circuits	ZFL-1000VH2B	AMP-ZFL-01	Nov. 09, 2017	Nov. 08, 2018
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-406	Nov. 29, 2017	Nov. 28, 2018
RF Cable	8D	966-4-1	Mar. 21, 2018	Mar. 20, 2019
RF Cable	8D	966-4-2	Mar. 21, 2018	Mar. 20, 2019
RF Cable	8D	966-4-3	Mar. 21, 2018	Mar. 20, 2019
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-3m-4-01	Sep. 27, 2018	Sep. 26, 2019
Horn_Antenna SCHWARZBECK	BBHA 9120D	9120D-783	Dec. 12, 2017	Dec. 11, 2018
Pre-Amplifier Mini-Circuits	ZVA-183-S+	AMP-ZVA-03	May 10, 2018	May 09, 2019
RF Cable	EMC104-SM-SM-1200	160923	Jan. 29, 2018	Jan. 28, 2019
RF Cable	EMC104-SM-SM-2000	150318	Jan. 29, 2018	Jan. 28, 2019
RF Cable	EMC104-SM-SM-5000	150321	Jan. 29, 2018	Jan. 28, 2019
Pre-Amplifier EMCI	EMC184045SE	980387	Jan. 29, 2018	Jan. 28, 2019
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170608	Dec. 14, 2017	Dec. 13, 2018
RF Cable	EMC102-KM-KM-1200	160925	Jan. 29, 2018	Jan. 28, 2019
Software	ADT_Radiated_V8.7.08	NA	NA	NA
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	NA	NA
Spectrum Analyzer R&S	FSV40	100964	June 20, 2018	June 19, 2019
Power meter Anritsu	ML2495A	1014008	May 09, 2018	May 08, 2019
Power sensor Anritsu	MA2411B	0917122	May 09, 2018	May 08, 2019

**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 calibration interval of the above test instruments is 24 months and the calibrations are traceable to NML/ROC and NIST/USA.
3. The test was performed in 966 Chamber No. 4.
4. The CANADA Site Registration No. is 20331-2
5. Loop antenna was used for all emissions below 30 MHz.
6. Tested Date: Oct. 01 to 22, 2018

#### 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:**

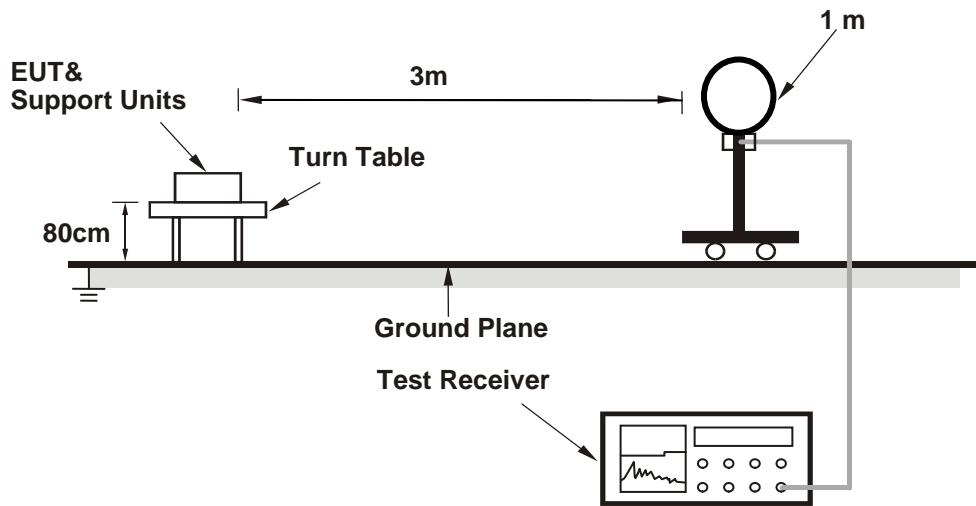
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.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

#### 4.1.4 Deviation from Test Standard

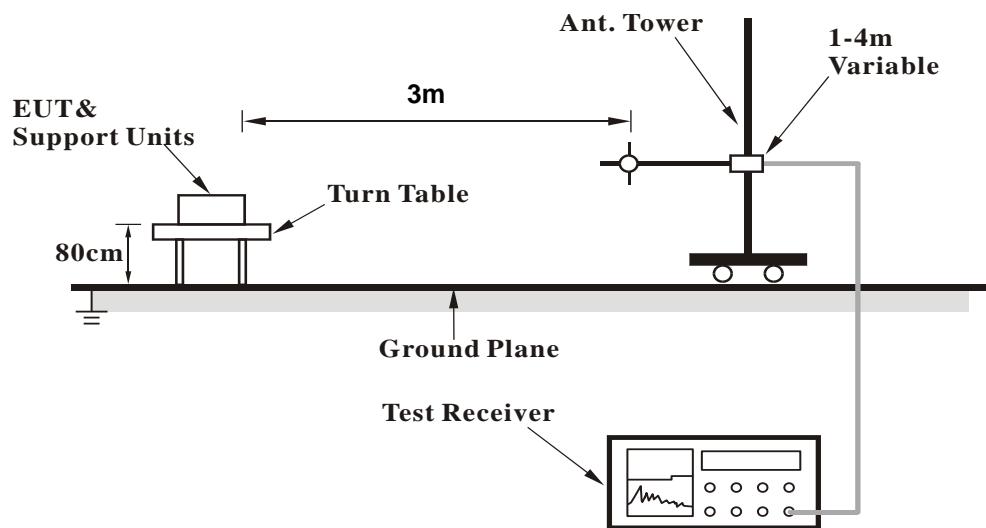
No deviation.

#### 4.1.5 Test Setup

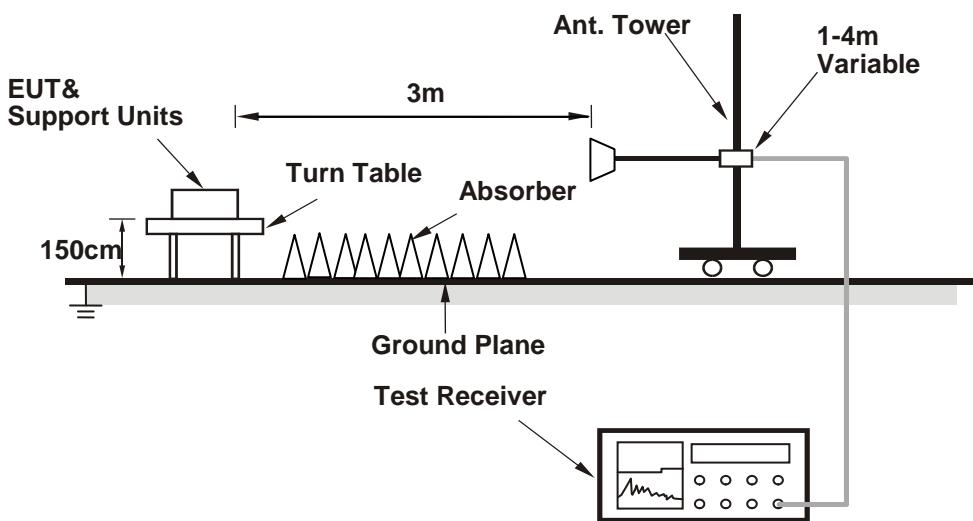
##### For Radiated emission below 30MHz



##### For Radiated emission 30MHz to 1GHz



**For Radiated emission above 1GHz**



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

#### 4.1.6 EUT Operating Conditions

- Connected the EUT with the Laptop which is placed on testing table.
- Controlling software (MP\_Kit\_RTL11ac\_8822CE\_PCIE\_v0.03) has been activated to set the EUT on specific status.

4.1.7 Test Results (Mode 1)

**2TX Mode**

**Above 1GHz Data:**

**802.11b**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.9 PK	74.0	-10.1	3.11 H	77	66.1	-2.2
2	<b>2390.00</b>	<b>52.4 AV</b>	<b>54.0</b>	<b>-1.6</b>	<b>3.11 H</b>	<b>77</b>	<b>54.6</b>	<b>-2.2</b>
3	*2412.00	115.4 PK			3.11 H	77	117.8	-2.4
4	*2412.00	113.2 AV			3.11 H	77	115.6	-2.4
5	4824.00	49.9 PK	74.0	-24.1	1.37 H	148	48.1	1.8
6	4824.00	39.7 AV	54.0	-14.3	1.37 H	148	37.9	1.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.7 PK	74.0	-13.3	3.64 V	244	62.9	-2.2
2	2390.00	47.6 AV	54.0	-6.4	3.64 V	244	49.8	-2.2
3	*2412.00	107.9 PK			3.64 V	244	110.3	-2.4
4	*2412.00	105.2 AV			3.64 V	244	107.6	-2.4
5	4824.00	48.4 PK	74.0	-25.6	2.84 V	292	46.6	1.8
6	4824.00	35.8 AV	54.0	-18.2	2.84 V	292	34.0	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.4 PK	74.0	-11.6	3.09 H	78	64.6	-2.2
2	2390.00	49.4 AV	54.0	-4.6	3.09 H	78	51.6	-2.2
3	*2437.00	117.4 PK			3.09 H	78	120.0	-2.6
4	*2437.00	114.9 AV			3.09 H	78	117.5	-2.6
5	2483.50	62.1 PK	74.0	-11.9	3.09 H	78	64.5	-2.4
6	2483.50	48.5 AV	54.0	-5.5	3.09 H	78	50.9	-2.4
7	4874.00	50.4 PK	74.0	-23.6	1.40 H	157	48.4	2.0
8	4874.00	42.1 AV	54.0	-11.9	1.40 H	157	40.1	2.0
9	7311.00	55.8 PK	74.0	-18.2	3.08 H	34	47.4	8.4
10	7311.00	47.6 AV	54.0	-6.4	3.08 H	34	39.2	8.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.8 PK	74.0	-17.2	3.66 V	228	59.0	-2.2
2	2390.00	43.4 AV	54.0	-10.6	3.66 V	228	45.6	-2.2
3	*2437.00	110.1 PK			3.66 V	228	112.7	-2.6
4	*2437.00	107.1 AV			3.66 V	228	109.7	-2.6
5	2483.50	56.8 PK	74.0	-17.2	3.66 V	228	59.2	-2.4
6	2483.50	43.7 AV	54.0	-10.3	3.66 V	228	46.1	-2.4
7	4874.00	47.8 PK	74.0	-26.2	2.89 V	278	45.8	2.0
8	4874.00	39.5 AV	54.0	-14.5	2.89 V	278	37.5	2.0
9	7311.00	52.7 PK	74.0	-21.3	2.93 V	255	44.3	8.4
10	7311.00	46.5 AV	54.0	-7.5	2.93 V	255	38.1	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	115.5 PK			3.07 H	78	118.1	-2.6
2	*2462.00	112.9 AV			3.07 H	78	115.5	-2.6
3	2483.50	63.5 PK	74.0	-10.5	3.07 H	78	65.9	-2.4
4	2483.50	52.2 AV	54.0	-1.8	3.07 H	78	54.6	-2.4
5	4924.00	48.8 PK	74.0	-25.2	1.39 H	155	46.8	2.0
6	4924.00	39.8 AV	54.0	-14.2	1.39 H	155	37.8	2.0
7	7386.00	52.8 PK	74.0	-21.2	3.08 H	35	44.2	8.6
8	7386.00	44.5 AV	54.0	-9.5	3.08 H	35	35.9	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.8 PK			3.67 V	250	110.4	-2.6
2	*2462.00	104.9 AV			3.67 V	250	107.5	-2.6
3	2483.50	60.3 PK	74.0	-13.7	3.67 V	250	62.7	-2.4
4	2483.50	47.2 AV	54.0	-6.8	3.67 V	250	49.6	-2.4
5	4924.00	48.3 PK	74.0	-25.7	2.94 V	285	46.3	2.0
6	4924.00	36.9 AV	54.0	-17.1	2.94 V	285	34.9	2.0
7	7386.00	51.7 PK	74.0	-22.3	2.89 V	260	43.1	8.6
8	7386.00	44.1 AV	54.0	-9.9	2.89 V	260	35.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	110.4 PK			3.03 H	79	112.9	-2.5
2	*2467.00	106.8 AV			3.03 H	79	109.3	-2.5
3	2483.50	62.5 PK	74.0	-11.5	3.03 H	79	64.9	-2.4
4	2483.50	50.8 AV	54.0	-3.2	3.03 H	79	53.2	-2.4
5	4934.00	48.1 PK	74.0	-25.9	1.35 H	161	46.1	2.0
6	4934.00	35.3 AV	54.0	-18.7	1.35 H	161	33.3	2.0
7	7401.00	49.6 PK	74.0	-24.4	3.05 H	41	41.0	8.6
8	7401.00	39.8 AV	54.0	-14.2	3.05 H	41	31.2	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.5 PK			3.66 V	253	105.0	-2.5
2	*2467.00	98.9 AV			3.66 V	253	101.4	-2.5
3	2483.50	59.0 PK	74.0	-15.0	3.66 V	253	61.4	-2.4
4	2483.50	44.1 AV	54.0	-9.9	3.66 V	253	46.5	-2.4
5	4934.00	48.9 PK	74.0	-25.1	2.94 V	288	46.9	2.0
6	4934.00	36.0 AV	54.0	-18.0	2.94 V	288	34.0	2.0
7	7401.00	50.8 PK	74.0	-23.2	2.91 V	268	42.2	8.6
8	7401.00	37.2 AV	54.0	-16.8	2.91 V	268	28.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	106.3 PK			2.98 H	73	108.8	-2.5
2	*2472.00	103.9 AV			2.98 H	73	106.4	-2.5
3	2483.50	72.3 PK	74.0	-1.7	2.98 H	73	74.7	-2.4
4	2483.50	50.2 AV	54.0	-3.8	2.98 H	73	52.6	-2.4
5	4944.00	48.1 PK	74.0	-25.9	1.38 H	160	46.0	2.1
6	4944.00	35.5 AV	54.0	-18.5	1.38 H	160	33.4	2.1
7	7416.00	51.0 PK	74.0	-23.0	3.06 H	38	42.4	8.6
8	7416.00	37.7 AV	54.0	-16.3	3.06 H	38	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	98.5 PK			3.60 V	254	101.0	-2.5
2	*2472.00	96.1 AV			3.60 V	254	98.6	-2.5
3	2483.50	58.2 PK	74.0	-15.8	3.60 V	254	60.6	-2.4
4	2483.50	43.5 AV	54.0	-10.5	3.60 V	254	45.9	-2.4
5	4944.00	49.1 PK	74.0	-24.9	2.84 V	291	47.0	2.1
6	4944.00	36.2 AV	54.0	-17.8	2.84 V	291	34.1	2.1
7	7416.00	50.7 PK	74.0	-23.3	2.91 V	241	42.1	8.6
8	7416.00	37.5 AV	54.0	-16.5	2.91 V	241	28.9	8.6

**REMARKS:**

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

**802.11g**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.0 PK	74.0	-11.0	3.13 H	81	65.2	-2.2
2	2390.00	49.0 AV	54.0	-5.0	3.13 H	81	51.2	-2.2
3	*2412.00	112.6 PK			3.13 H	81	115.0	-2.4
4	*2412.00	102.9 AV			3.13 H	81	105.3	-2.4
5	4824.00	47.8 PK	74.0	-26.2	1.39 H	159	46.0	1.8
6	4824.00	35.3 AV	54.0	-18.7	1.39 H	159	33.5	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.2 PK	74.0	-15.8	3.63 V	252	60.4	-2.2
2	2390.00	43.4 AV	54.0	-10.6	3.63 V	252	45.6	-2.2
3	*2412.00	105.3 PK			3.63 V	252	107.7	-2.4
4	*2412.00	95.1 AV			3.63 V	252	97.5	-2.4
5	4824.00	48.3 PK	74.0	-25.7	2.94 V	268	46.5	1.8
6	4824.00	35.7 AV	54.0	-18.3	2.94 V	268	33.9	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.0 PK	74.0	-11.0	3.09 H	77	65.2	-2.2
2	2390.00	49.2 AV	54.0	-4.8	3.09 H	77	51.4	-2.2
3	*2417.00	114.9 PK			3.09 H	77	117.3	-2.4
4	*2417.00	105.1 AV			3.09 H	77	107.5	-2.4
5	4834.00	48.7 PK	74.0	-25.3	1.42 H	162	46.9	1.8
6	4834.00	36.2 AV	54.0	-17.8	1.42 H	162	34.4	1.8
7	7251.00	50.9 PK	74.0	-23.1	3.01 H	26	42.8	8.1
8	7251.00	37.7 AV	54.0	-16.3	3.01 H	26	29.6	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.7 PK	74.0	-15.3	3.64 V	231	60.9	-2.2
2	2390.00	43.5 AV	54.0	-10.5	3.64 V	231	45.7	-2.2
3	*2417.00	107.2 PK			3.64 V	231	109.6	-2.4
4	*2417.00	97.3 AV			3.64 V	231	99.7	-2.4
5	4834.00	48.6 PK	74.0	-25.4	2.89 V	276	46.8	1.8
6	4834.00	35.9 AV	54.0	-18.1	2.89 V	276	34.1	1.8
7	7251.00	51.2 PK	74.0	-22.8	2.89 V	250	43.1	8.1
8	7251.00	37.5 AV	54.0	-16.5	2.89 V	250	29.4	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.7 PK	74.0	-12.3	3.09 H	78	63.9	-2.2
2	2390.00	48.4 AV	54.0	-5.6	3.09 H	78	50.6	-2.2
3	*2437.00	119.9 PK			3.09 H	78	122.5	-2.6
4	*2437.00	110.2 AV			3.09 H	78	112.8	-2.6
5	2483.50	62.1 PK	74.0	-11.9	3.09 H	78	64.5	-2.4
6	2483.50	48.2 AV	54.0	-5.8	3.09 H	78	50.6	-2.4
7	4874.00	48.3 PK	74.0	-25.7	1.38 H	149	46.3	2.0
8	4874.00	36.0 AV	54.0	-18.0	1.38 H	149	34.0	2.0
9	7311.00	51.3 PK	74.0	-22.7	3.11 H	36	42.9	8.4
10	7311.00	37.7 AV	54.0	-16.3	3.11 H	36	29.3	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.9 PK	74.0	-17.1	3.65 V	241	59.1	-2.2
2	2390.00	42.8 AV	54.0	-11.2	3.65 V	241	45.0	-2.2
3	*2437.00	112.3 PK			3.65 V	241	114.9	-2.6
4	*2437.00	102.7 AV			3.65 V	241	105.3	-2.6
5	2483.50	56.4 PK	74.0	-17.6	3.65 V	241	58.8	-2.4
6	2483.50	42.3 AV	54.0	-11.7	3.65 V	241	44.7	-2.4
7	4874.00	48.6 PK	74.0	-25.4	2.94 V	276	46.6	2.0
8	4874.00	36.1 AV	54.0	-17.9	2.94 V	276	34.1	2.0
9	7311.00	51.7 PK	74.0	-22.3	2.93 V	260	43.3	8.4
10	7311.00	38.1 AV	54.0	-15.9	2.93 V	260	29.7	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	114.5 PK			3.04 H	76	117.1	-2.6
2	*2457.00	104.9 AV			3.04 H	76	107.5	-2.6
3	2483.50	63.4 PK	74.0	-10.6	3.04 H	76	65.8	-2.4
4	2483.50	49.3 AV	54.0	-4.7	3.04 H	76	51.7	-2.4
5	4914.00	48.2 PK	74.0	-25.8	1.41 H	149	46.2	2.0
6	4914.00	35.8 AV	54.0	-18.2	1.41 H	149	33.8	2.0
7	7371.00	50.9 PK	74.0	-23.1	3.05 H	27	42.3	8.6
8	7371.00	37.6 AV	54.0	-16.4	3.05 H	27	29.0	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	106.8 PK			3.60 V	257	109.4	-2.6
2	*2457.00	97.1 AV			3.60 V	257	99.7	-2.6
3	2483.50	59.0 PK	74.0	-15.0	3.60 V	257	61.4	-2.4
4	2483.50	43.9 AV	54.0	-10.1	3.60 V	257	46.3	-2.4
5	4914.00	48.3 PK	74.0	-25.7	2.92 V	275	46.3	2.0
6	4914.00	36.0 AV	54.0	-18.0	2.92 V	275	34.0	2.0
7	7371.00	50.8 PK	74.0	-23.2	2.91 V	269	42.2	8.6
8	7371.00	37.4 AV	54.0	-16.6	2.91 V	269	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	112.1 PK			3.10 H	74	114.7	-2.6
2	*2462.00	102.5 AV			3.10 H	74	105.1	-2.6
3	2483.50	62.5 PK	74.0	-11.5	3.10 H	74	64.9	-2.4
4	2483.50	48.8 AV	54.0	-5.2	3.10 H	74	51.2	-2.4
5	4924.00	48.6 PK	74.0	-25.4	1.38 H	170	46.6	2.0
6	4924.00	35.7 AV	54.0	-18.3	1.38 H	170	33.7	2.0
7	7386.00	50.8 PK	74.0	-23.2	3.04 H	26	42.2	8.6
8	7386.00	37.2 AV	54.0	-16.8	3.04 H	26	28.6	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.8 PK			3.60 V	242	107.4	-2.6
2	*2462.00	94.9 AV			3.60 V	242	97.5	-2.6
3	2483.50	59.4 PK	74.0	-14.6	3.60 V	242	61.8	-2.4
4	2483.50	44.1 AV	54.0	-9.9	3.60 V	242	46.5	-2.4
5	4924.00	48.3 PK	74.0	-25.7	2.87 V	273	46.3	2.0
6	4924.00	36.0 AV	54.0	-18.0	2.87 V	273	34.0	2.0
7	7386.00	50.5 PK	74.0	-23.5	2.99 V	249	41.9	8.6
8	7386.00	37.3 AV	54.0	-16.7	2.99 V	249	28.7	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	109.4 PK			3.08 H	76	111.9	-2.5
2	*2467.00	99.6 AV			3.08 H	76	102.1	-2.5
3	2483.50	66.4 PK	74.0	-7.6	3.08 H	76	68.8	-2.4
<b>4</b>	<b>2483.50</b>	<b>52.4 AV</b>	<b>54.0</b>	<b>-1.6</b>	<b>3.08 H</b>	<b>76</b>	<b>54.8</b>	<b>-2.4</b>
5	4934.00	48.7 PK	74.0	-25.3	1.35 H	173	46.7	2.0
6	4934.00	35.9 AV	54.0	-18.1	1.35 H	173	33.9	2.0
7	7401.00	51.8 PK	74.0	-22.2	3.00 H	46	43.2	8.6
8	7401.00	38.1 AV	54.0	-15.9	3.00 H	46	29.5	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.2 PK			3.69 V	234	104.7	-2.5
2	*2467.00	92.0 AV			3.69 V	234	94.5	-2.5
3	2483.50	61.0 PK	74.0	-13.0	3.69 V	234	63.4	-2.4
4	2483.50	48.0 AV	54.0	-6.0	3.69 V	234	50.4	-2.4
5	4934.00	48.7 PK	74.0	-25.3	2.91 V	291	46.7	2.0
6	4934.00	36.0 AV	54.0	-18.0	2.91 V	291	34.0	2.0
7	7401.00	50.6 PK	74.0	-23.4	2.96 V	240	42.0	8.6
8	7401.00	37.4 AV	54.0	-16.6	2.96 V	240	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	107.3 PK			2.98 H	30	109.8	-2.5
2	*2472.00	98.2 AV			2.98 H	30	100.7	-2.5
3	2483.50	70.3 PK	74.0	-3.7	2.98 H	30	72.7	-2.4
<b>4</b>	<b>2483.50</b>	<b>52.4 AV</b>	<b>54.0</b>	<b>-1.6</b>	<b>2.98 H</b>	<b>30</b>	<b>54.8</b>	<b>-2.4</b>
5	4944.00	48.9 PK	74.0	-25.1	1.41 H	157	46.8	2.1
6	4944.00	36.1 AV	54.0	-17.9	1.41 H	157	34.0	2.1
7	7416.00	50.7 PK	74.0	-23.3	3.07 H	33	42.1	8.6
8	7416.00	37.3 AV	54.0	-16.7	3.07 H	33	28.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	99.8 PK			3.65 V	233	102.3	-2.5
2	*2472.00	90.7 AV			3.65 V	233	93.2	-2.5
3	2483.50	60.6 PK	74.0	-13.4	3.65 V	233	63.0	-2.4
4	2483.50	47.7 AV	54.0	-6.3	3.65 V	233	50.1	-2.4
5	4944.00	48.1 PK	74.0	-25.9	2.93 V	294	46.0	2.1
6	4944.00	35.4 AV	54.0	-18.6	2.93 V	294	33.3	2.1
7	7416.00	50.7 PK	74.0	-23.3	2.92 V	246	42.1	8.6
8	7416.00	37.6 AV	54.0	-16.4	2.92 V	246	29.0	8.6

**REMARKS:**

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

**VHT20**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.0 PK	74.0	-10.0	3.13 H	82	66.2	-2.2
2	2390.00	49.7 AV	54.0	-4.3	3.13 H	82	51.9	-2.2
3	*2412.00	113.2 PK			3.13 H	82	115.6	-2.4
4	*2412.00	102.9 AV			3.13 H	82	105.3	-2.4
5	4824.00	48.6 PK	74.0	-25.4	1.39 H	170	46.8	1.8
6	4824.00	35.9 AV	54.0	-18.1	1.39 H	170	34.1	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.6 PK	74.0	-15.4	3.65 V	240	60.8	-2.2
2	2390.00	43.6 AV	54.0	-10.4	3.65 V	240	45.8	-2.2
3	*2412.00	105.6 PK			3.65 V	240	108.0	-2.4
4	*2412.00	95.2 AV			3.65 V	240	97.6	-2.4
5	4824.00	48.7 PK	74.0	-25.3	2.92 V	279	46.9	1.8
6	4824.00	36.1 AV	54.0	-17.9	2.92 V	279	34.3	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.9 PK	74.0	-10.1	3.15 H	89	66.1	-2.2
2	2390.00	49.8 AV	54.0	-4.2	3.15 H	89	52.0	-2.2
3	*2417.00	115.2 PK			3.15 H	89	117.6	-2.4
4	*2417.00	105.1 AV			3.15 H	89	107.5	-2.4
5	4834.00	48.6 PK	74.0	-25.4	1.40 H	171	46.8	1.8
6	4834.00	35.9 AV	54.0	-18.1	1.40 H	171	34.1	1.8
7	7251.00	51.0 PK	74.0	-23.0	3.03 H	41	42.9	8.1
8	7251.00	37.6 AV	54.0	-16.4	3.03 H	41	29.5	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.4 PK	74.0	-15.6	3.61 V	242	60.6	-2.2
2	2390.00	43.7 AV	54.0	-10.3	3.61 V	242	45.9	-2.2
3	*2417.00	107.8 PK			3.61 V	242	110.2	-2.4
4	*2417.00	97.8 AV			3.61 V	242	100.2	-2.4
5	4834.00	48.4 PK	74.0	-25.6	2.90 V	276	46.6	1.8
6	4834.00	35.6 AV	54.0	-18.4	2.90 V	276	33.8	1.8
7	7251.00	51.1 PK	74.0	-22.9	2.97 V	240	43.0	8.1
8	7251.00	37.9 AV	54.0	-16.1	2.97 V	240	29.8	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.5 PK	74.0	-12.5	3.06 H	88	63.7	-2.2
2	2390.00	48.2 AV	54.0	-5.8	3.06 H	88	50.4	-2.2
3	*2437.00	119.4 PK			3.06 H	88	122.0	-2.6
4	*2437.00	110.3 AV			3.06 H	88	112.9	-2.6
5	2483.50	62.4 PK	74.0	-11.6	3.06 H	88	64.8	-2.4
6	2483.50	48.6 AV	54.0	-5.4	3.06 H	88	51.0	-2.4
7	4874.00	48.5 PK	74.0	-25.5	1.36 H	159	46.5	2.0
8	4874.00	35.9 AV	54.0	-18.1	1.36 H	159	33.9	2.0
9	7311.00	51.5 PK	74.0	-22.5	3.08 H	54	43.1	8.4
10	7311.00	38.2 AV	54.0	-15.8	3.08 H	54	29.8	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.8 PK	74.0	-17.2	3.64 V	235	59.0	-2.2
2	2390.00	42.6 AV	54.0	-11.4	3.64 V	235	44.8	-2.2
3	*2437.00	111.7 PK			3.64 V	235	114.3	-2.6
4	*2437.00	102.5 AV			3.64 V	235	105.1	-2.6
5	2483.50	57.3 PK	74.0	-16.7	3.64 V	235	59.7	-2.4
6	2483.50	43.1 AV	54.0	-10.9	3.64 V	235	45.5	-2.4
7	4874.00	48.4 PK	74.0	-25.6	2.88 V	276	46.4	2.0
8	4874.00	36.1 AV	54.0	-17.9	2.88 V	276	34.1	2.0
9	7311.00	51.4 PK	74.0	-22.6	2.97 V	249	43.0	8.4
10	7311.00	37.8 AV	54.0	-16.2	2.97 V	249	29.4	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	115.4 PK			3.11 H	75	118.0	-2.6
2	*2457.00	105.3 AV			3.11 H	75	107.9	-2.6
3	2483.50	64.2 PK	74.0	-9.8	3.11 H	75	66.6	-2.4
4	2483.50	50.1 AV	54.0	-3.9	3.11 H	75	52.5	-2.4
5	4914.00	48.4 PK	74.0	-25.6	1.39 H	165	46.4	2.0
6	4914.00	35.9 AV	54.0	-18.1	1.39 H	165	33.9	2.0
7	7371.00	51.5 PK	74.0	-22.5	3.10 H	43	42.9	8.6
8	7371.00	37.8 AV	54.0	-16.2	3.10 H	43	29.2	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.2 PK			3.64 V	250	110.8	-2.6
2	*2457.00	98.1 AV			3.64 V	250	100.7	-2.6
3	2483.50	58.6 PK	74.0	-15.4	3.64 V	250	61.0	-2.4
4	2483.50	43.8 AV	54.0	-10.2	3.64 V	250	46.2	-2.4
5	4914.00	48.4 PK	74.0	-25.6	2.91 V	294	46.4	2.0
6	4914.00	35.8 AV	54.0	-18.2	2.91 V	294	33.8	2.0
7	7371.00	51.1 PK	74.0	-22.9	2.98 V	261	42.5	8.6
8	7371.00	37.9 AV	54.0	-16.1	2.98 V	261	29.3	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	113.0 PK			3.13 H	83	115.6	-2.6
2	*2462.00	103.0 AV			3.13 H	83	105.6	-2.6
3	2483.50	64.6 PK	74.0	-9.4	3.13 H	83	67.0	-2.4
4	2483.50	50.1 AV	54.0	-3.9	3.13 H	83	52.5	-2.4
5	4924.00	48.5 PK	74.0	-25.5	1.38 H	149	46.5	2.0
6	4924.00	35.8 AV	54.0	-18.2	1.38 H	149	33.8	2.0
7	7386.00	51.1 PK	74.0	-22.9	3.13 H	16	42.5	8.6
8	7386.00	37.9 AV	54.0	-16.1	3.13 H	16	29.3	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	105.4 PK			3.62 V	256	108.0	-2.6
2	*2462.00	95.3 AV			3.62 V	256	97.9	-2.6
3	2483.50	58.8 PK	74.0	-15.2	3.62 V	256	61.2	-2.4
4	2483.50	43.8 AV	54.0	-10.2	3.62 V	256	46.2	-2.4
5	4924.00	48.2 PK	74.0	-25.8	2.86 V	268	46.2	2.0
6	4924.00	35.8 AV	54.0	-18.2	2.86 V	268	33.8	2.0
7	7386.00	51.1 PK	74.0	-22.9	2.95 V	269	42.5	8.6
8	7386.00	37.6 AV	54.0	-16.4	2.95 V	269	29.0	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	109.9 PK			3.18 H	97	112.4	-2.5
2	*2467.00	100.1 AV			3.18 H	97	102.6	-2.5
3	2483.50	63.7 PK	74.0	-10.3	3.18 H	97	66.1	-2.4
4	2483.50	49.4 AV	54.0	-4.6	3.18 H	97	51.8	-2.4
5	4934.00	48.3 PK	74.0	-25.7	1.36 H	150	46.3	2.0
6	4934.00	35.8 AV	54.0	-18.2	1.36 H	150	33.8	2.0
7	7401.00	51.3 PK	74.0	-22.7	3.12 H	24	42.7	8.6
8	7401.00	38.0 AV	54.0	-16.0	3.12 H	24	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.1 PK			3.66 V	260	104.6	-2.5
2	*2467.00	92.5 AV			3.66 V	260	95.0	-2.5
3	2483.50	58.2 PK	74.0	-15.8	3.66 V	260	60.6	-2.4
4	2483.50	42.2 AV	54.0	-11.8	3.66 V	260	44.6	-2.4
5	4934.00	48.6 PK	74.0	-25.4	2.85 V	267	46.6	2.0
6	4934.00	35.8 AV	54.0	-18.2	2.85 V	267	33.8	2.0
7	7401.00	51.3 PK	74.0	-22.7	2.90 V	257	42.7	8.6
8	7401.00	37.7 AV	54.0	-16.3	2.90 V	257	29.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	107.1 PK			3.03 H	80	109.6	-2.5
2	*2472.00	96.9 AV			3.03 H	80	99.4	-2.5
3	2483.50	70.7 PK	74.0	-3.3	3.03 H	80	73.1	-2.4
<b>4</b>	<b>2483.50</b>	<b>52.4 AV</b>	<b>54.0</b>	<b>-1.6</b>	<b>3.03 H</b>	<b>80</b>	<b>54.8</b>	<b>-2.4</b>
5	4944.00	48.1 PK	74.0	-25.9	1.36 H	150	46.0	2.1
6	4944.00	35.5 AV	54.0	-18.5	1.36 H	150	33.4	2.1
7	7416.00	51.3 PK	74.0	-22.7	3.07 H	30	42.7	8.6
8	7416.00	37.7 AV	54.0	-16.3	3.07 H	30	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	99.5 PK			3.59 V	248	102.0	-2.5
2	*2472.00	89.3 AV			3.59 V	248	91.8	-2.5
3	2483.50	60.7 PK	74.0	-13.3	3.59 V	248	63.1	-2.4
4	2483.50	47.7 AV	54.0	-6.3	3.59 V	248	50.1	-2.4
5	4944.00	47.9 PK	74.0	-26.1	2.94 V	294	45.8	2.1
6	4944.00	35.4 AV	54.0	-18.6	2.94 V	294	33.3	2.1
7	7416.00	50.3 PK	74.0	-23.7	2.88 V	269	41.7	8.6
8	7416.00	37.2 AV	54.0	-16.8	2.88 V	269	28.6	8.6

**REMARKS:**

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

**VHT40**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.3 PK	74.0	-7.7	3.10 H	78	68.5	-2.2
2	2390.00	50.8 AV	54.0	-3.2	3.10 H	78	53.0	-2.2
3	*2422.00	107.8 PK			3.10 H	78	110.3	-2.5
4	*2422.00	98.3 AV			3.10 H	78	100.8	-2.5
5	4844.00	48.6 PK	74.0	-25.4	1.41 H	147	46.8	1.8
6	4844.00	35.8 AV	54.0	-18.2	1.41 H	147	34.0	1.8
7	7266.00	51.1 PK	74.0	-22.9	3.04 H	52	42.9	8.2
8	7266.00	37.6 AV	54.0	-16.4	3.04 H	52	29.4	8.2

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.7 PK	74.0	-13.3	3.66 V	257	62.9	-2.2
2	2390.00	44.8 AV	54.0	-9.2	3.66 V	257	47.0	-2.2
3	*2422.00	99.8 PK			3.66 V	257	102.3	-2.5
4	*2422.00	90.9 AV			3.66 V	257	93.4	-2.5
5	4844.00	49.0 PK	74.0	-25.0	2.87 V	276	47.2	1.8
6	4844.00	36.3 AV	54.0	-17.7	2.87 V	276	34.5	1.8
7	7266.00	51.7 PK	74.0	-22.3	2.96 V	249	43.5	8.2
8	7266.00	38.1 AV	54.0	-15.9	2.96 V	249	29.9	8.2

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 4	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.2 PK	74.0	-9.8	3.15 H	92	66.4	-2.2
2	2390.00	48.4 AV	54.0	-5.6	3.15 H	92	50.6	-2.2
3	*2427.00	107.5 PK			3.15 H	92	110.0	-2.5
4	*2427.00	98.2 AV			3.15 H	92	100.7	-2.5
5	4854.00	48.8 PK	74.0	-25.2	1.43 H	135	46.9	1.9
6	4854.00	36.2 AV	54.0	-17.8	1.43 H	135	34.3	1.9
7	7281.00	51.1 PK	74.0	-22.9	2.99 H	46	42.8	8.3
8	7281.00	37.6 AV	54.0	-16.4	2.99 H	46	29.3	8.3

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.6 PK	74.0	-15.4	3.72 V	242	60.8	-2.2
2	2390.00	42.5 AV	54.0	-11.5	3.72 V	242	44.7	-2.2
3	*2427.00	99.8 PK			3.72 V	242	102.3	-2.5
4	*2427.00	90.9 AV			3.72 V	242	93.4	-2.5
5	4854.00	48.2 PK	74.0	-25.8	2.84 V	285	46.3	1.9
6	4854.00	35.8 AV	54.0	-18.2	2.84 V	285	33.9	1.9
7	7281.00	51.1 PK	74.0	-22.9	2.97 V	242	42.8	8.3
8	7281.00	37.9 AV	54.0	-16.1	2.97 V	242	29.6	8.3

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	67.4 PK	74.0	-6.6	2.75 H	76	69.6	-2.2
2	2390.00	51.8 AV	54.0	-2.2	2.75 H	76	54.0	-2.2
3	*2437.00	113.2 PK			2.75 H	76	115.8	-2.6
4	*2437.00	103.6 AV			2.75 H	76	106.2	-2.6
5	2483.50	69.3 PK	74.0	-4.7	2.75 H	76	71.7	-2.4
6	2483.50	52.3 AV	54.0	-1.7	2.75 H	76	54.7	-2.4
7	4874.00	49.0 PK	74.0	-25.0	1.45 H	156	47.0	2.0
8	4874.00	36.2 AV	54.0	-17.8	1.45 H	156	34.2	2.0
9	7311.00	51.5 PK	74.0	-22.5	3.09 H	62	43.1	8.4
10	7311.00	38.0 AV	54.0	-16.0	3.09 H	62	29.6	8.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	59.8 PK	74.0	-14.2	3.69 V	241	62.0	-2.2
2	2390.00	45.1 AV	54.0	-8.9	3.69 V	241	47.3	-2.2
3	*2437.00	105.8 PK			3.69 V	241	108.4	-2.6
4	*2437.00	95.9 AV			3.69 V	241	98.5	-2.6
5	2483.50	60.3 PK	74.0	-13.7	3.69 V	241	62.7	-2.4
6	2483.50	47.3 AV	54.0	-6.7	3.69 V	241	49.7	-2.4
7	4874.00	48.1 PK	74.0	-25.9	2.89 V	267	46.1	2.0
8	4874.00	35.5 AV	54.0	-18.5	2.89 V	267	33.5	2.0
9	7311.00	51.6 PK	74.0	-22.4	2.94 V	268	43.2	8.4
10	7311.00	38.2 AV	54.0	-15.8	2.94 V	268	29.8	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 8	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2447.00	111.2 PK			3.04 H	71	113.8	-2.6
2	*2447.00	101.9 AV			3.04 H	71	104.5	-2.6
3	2483.50	70.9 PK	74.0	-3.1	3.04 H	71	73.3	-2.4
4	2483.50	51.2 AV	54.0	-2.8	3.04 H	71	53.6	-2.4
5	4894.00	48.3 PK	74.0	-25.7	1.42 H	132	46.2	2.1
6	4894.00	35.6 AV	54.0	-18.4	1.42 H	132	33.5	2.1
7	7341.00	50.5 PK	74.0	-23.5	3.05 H	56	41.9	8.6
8	7341.00	37.3 AV	54.0	-16.7	3.05 H	56	28.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2447.00	103.8 PK			3.63 V	236	106.4	-2.6
2	*2447.00	94.1 AV			3.63 V	236	96.7	-2.6
3	2483.50	58.4 PK	74.0	-15.6	3.63 V	236	60.8	-2.4
4	2483.50	44.1 AV	54.0	-9.9	3.63 V	236	46.5	-2.4
5	4894.00	48.3 PK	74.0	-25.7	2.89 V	277	46.2	2.1
6	4894.00	35.8 AV	54.0	-18.2	2.89 V	277	33.7	2.1
7	7341.00	50.7 PK	74.0	-23.3	2.94 V	269	42.1	8.6
8	7341.00	37.4 AV	54.0	-16.6	2.94 V	269	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	111.3 PK			2.74 H	69	113.9	-2.6
2	*2452.00	101.4 AV			2.74 H	69	104.0	-2.6
3	2483.50	68.4 PK	74.0	-5.6	2.74 H	69	70.8	-2.4
4	2483.50	51.8 AV	54.0	-2.2	2.74 H	69	54.2	-2.4
5	4904.00	47.9 PK	74.0	-26.1	1.45 H	135	45.9	2.0
6	4904.00	35.6 AV	54.0	-18.4	1.45 H	135	33.6	2.0
7	7356.00	51.6 PK	74.0	-22.4	3.04 H	54	43.0	8.6
8	7356.00	38.1 AV	54.0	-15.9	3.04 H	54	29.5	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	103.6 PK			3.62 V	249	106.2	-2.6
2	*2452.00	93.8 AV			3.62 V	249	96.4	-2.6
3	2483.50	63.4 PK	74.0	-10.6	3.62 V	249	65.8	-2.4
4	2483.50	46.5 AV	54.0	-7.5	3.62 V	249	48.9	-2.4
5	4904.00	48.3 PK	74.0	-25.7	2.85 V	269	46.3	2.0
6	4904.00	35.6 AV	54.0	-18.4	2.85 V	269	33.6	2.0
7	7356.00	50.3 PK	74.0	-23.7	2.95 V	269	41.7	8.6
8	7356.00	37.2 AV	54.0	-16.8	2.95 V	269	28.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.1 PK			3.02 H	77	110.7	-2.6
2	*2457.00	98.3 AV			3.02 H	77	100.9	-2.6
3	2483.50	69.5 PK	74.0	-4.5	3.02 H	77	71.9	-2.4
<b>4</b>	<b>2483.50</b>	<b>52.4 AV</b>	<b>54.0</b>	<b>-1.6</b>	<b>3.02 H</b>	<b>77</b>	<b>54.8</b>	<b>-2.4</b>
5	4914.00	48.7 PK	74.0	-25.3	1.37 H	176	46.7	2.0
6	4914.00	36.0 AV	54.0	-18.0	1.37 H	176	34.0	2.0
7	7371.00	51.3 PK	74.0	-22.7	3.04 H	38	42.7	8.6
8	7371.00	38.1 AV	54.0	-15.9	3.04 H	38	29.5	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	100.2 PK			3.66 V	231	102.8	-2.6
2	*2457.00	90.9 AV			3.66 V	231	93.5	-2.6
3	2483.50	60.4 PK	74.0	-13.6	3.66 V	231	62.8	-2.4
4	2483.50	47.5 AV	54.0	-6.5	3.66 V	231	49.9	-2.4
5	4914.00	48.0 PK	74.0	-26.0	2.85 V	263	46.0	2.0
6	4914.00	35.4 AV	54.0	-18.6	2.85 V	263	33.4	2.0
7	7371.00	50.7 PK	74.0	-23.3	2.91 V	264	42.1	8.6
8	7371.00	37.3 AV	54.0	-16.7	2.91 V	264	28.7	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	103.5 PK			3.03 H	80	106.1	-2.6
2	*2462.00	93.8 AV			3.03 H	80	96.4	-2.6
3	2483.50	72.3 PK	74.0	-1.7	3.03 H	80	74.7	-2.4
4	2483.50	50.1 AV	54.0	-3.9	3.03 H	80	52.5	-2.4
5	4924.00	48.9 PK	74.0	-25.1	1.33 H	149	46.9	2.0
6	4924.00	36.1 AV	54.0	-17.9	1.33 H	149	34.1	2.0
7	7386.00	51.8 PK	74.0	-22.2	3.06 H	28	43.2	8.6
8	7386.00	38.1 AV	54.0	-15.9	3.06 H	28	29.5	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	96.2 PK			3.65 V	255	98.8	-2.6
2	*2462.00	86.1 AV			3.65 V	255	88.7	-2.6
3	2483.50	58.3 PK	74.0	-15.7	3.65 V	255	60.7	-2.4
4	2483.50	44.2 AV	54.0	-9.8	3.65 V	255	46.6	-2.4
5	4924.00	48.6 PK	74.0	-25.4	2.89 V	292	46.6	2.0
6	4924.00	36.0 AV	54.0	-18.0	2.89 V	292	34.0	2.0
7	7386.00	50.5 PK	74.0	-23.5	2.89 V	254	41.9	8.6
8	7386.00	37.3 AV	54.0	-16.7	2.89 V	254	28.7	8.6

**REMARKS:**

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

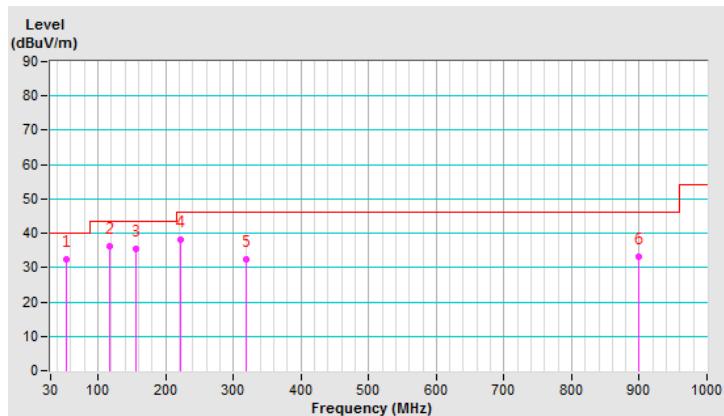
**Below 1GHz Data:**
**802.11g**

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dB <sub>BuV</sub> /m)	LIMIT (dB <sub>BuV</sub> /m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dB <sub>BuV</sub> )	CORRECTION FACTOR (dB/m)
1	54.10	32.3 QP	40.0	-7.7	1.00 H	75	40.2	-7.9
2	117.62	36.2 QP	43.5	-7.3	1.50 H	107	46.2	-10.0
3	156.95	35.6 QP	43.5	-7.9	1.00 H	125	43.1	-7.5
4	221.48	38.1 QP	46.0	-7.9	1.00 H	50	49.4	-11.3
5	320.01	32.4 QP	46.0	-13.6	1.50 H	360	38.7	-6.3
6	899.07	33.2 QP	46.0	-12.8	2.00 H	270	27.8	5.4

**REMARKS:**

1. Emission Level(dB<sub>BuV</sub>/m) = Raw Value(dB<sub>BuV</sub>) + 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 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.

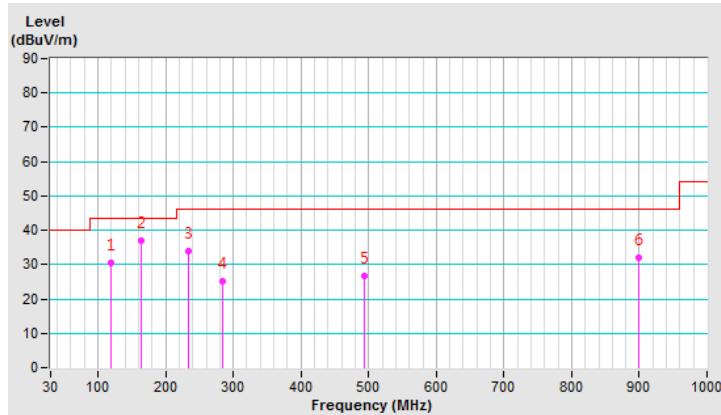


<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	119.77	30.6 QP	43.5	-12.9	1.50 V	345	40.4	-9.8
2	163.82	36.9 QP	43.5	-6.6	1.00 V	255	44.8	-7.9
3	233.22	33.8 QP	46.0	-12.2	1.50 V	154	43.8	-10.0
4	283.46	25.0 QP	46.0	-21.0	1.00 V	223	32.5	-7.5
5	493.59	26.6 QP	46.0	-19.4	1.50 V	143	28.4	-1.8
6	899.63	31.9 QP	46.0	-14.1	2.00 V	111	26.5	5.4

**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 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.



**1TX Mode**
**Above 1GHz Data:**
**802.11b**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.8 PK	74.0	-13.2	3.13 H	81	63.0	-2.2
2	2390.00	47.9 AV	54.0	-6.1	3.13 H	81	50.1	-2.2
3	*2412.00	110.3 PK			3.13 H	81	112.7	-2.4
4	*2412.00	107.9 AV			3.13 H	81	110.3	-2.4
5	4824.00	48.7 PK	74.0	-25.3	1.45 H	145	46.9	1.8
6	4824.00	36.1 AV	54.0	-17.9	1.45 H	145	34.3	1.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.5 PK	74.0	-19.5	1.17 V	350	56.7	-2.2
2	2390.00	41.2 AV	54.0	-12.8	1.17 V	350	43.4	-2.2
3	*2412.00	102.3 PK			1.17 V	350	104.7	-2.4
4	*2412.00	99.8 AV			1.17 V	350	102.2	-2.4
5	4824.00	48.0 PK	74.0	-26.0	2.85 V	274	46.2	1.8
6	4824.00	35.5 AV	54.0	-18.5	2.85 V	274	33.7	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	3.19 H	73	63.6	-2.2
2	2390.00	48.3 AV	54.0	-5.7	3.19 H	73	50.5	-2.2
3	*2437.00	112.5 PK			3.19 H	73	115.1	-2.6
4	*2437.00	110.1 AV			3.19 H	73	112.7	-2.6
5	2483.50	61.4 PK	74.0	-12.6	3.19 H	73	63.8	-2.4
6	2483.50	47.4 AV	54.0	-6.6	3.19 H	73	49.8	-2.4
7	4874.00	45.9 PK	74.0	-28.1	1.46 H	160	43.9	2.0
8	4874.00	37.9 AV	54.0	-16.1	1.46 H	160	35.9	2.0
9	7311.00	53.3 PK	74.0	-20.7	3.40 H	153	44.9	8.4
10	7311.00	44.5 AV	54.0	-9.5	3.40 H	153	36.1	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.6 PK	74.0	-19.4	1.17 V	340	56.8	-2.2
2	2390.00	41.5 AV	54.0	-12.5	1.17 V	340	43.7	-2.2
3	*2437.00	105.3 PK			1.17 V	340	107.9	-2.6
4	*2437.00	102.3 AV			1.17 V	340	104.9	-2.6
5	2483.50	54.4 PK	74.0	-19.6	1.17 V	340	56.8	-2.4
6	2483.50	41.1 AV	54.0	-12.9	1.17 V	340	43.5	-2.4
7	4874.00	48.4 PK	74.0	-25.6	2.94 V	280	46.4	2.0
8	4874.00	35.8 AV	54.0	-18.2	2.94 V	280	33.8	2.0
9	7311.00	51.1 PK	74.0	-22.9	2.89 V	262	42.7	8.4
10	7311.00	37.7 AV	54.0	-16.3	2.89 V	262	29.3	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	110.1 PK			3.08 H	95	112.7	-2.6
2	*2462.00	107.4 AV			3.08 H	95	110.0	-2.6
3	2483.50	60.9 PK	74.0	-13.1	3.08 H	95	63.3	-2.4
4	2483.50	47.8 AV	54.0	-6.2	3.08 H	95	50.2	-2.4
5	4924.00	48.5 PK	74.0	-25.5	1.51 H	168	46.5	2.0
6	4924.00	35.6 AV	54.0	-18.4	1.51 H	168	33.6	2.0
7	7386.00	49.8 PK	74.0	-24.2	3.41 H	138	41.2	8.6
8	7386.00	41.3 AV	54.0	-12.7	3.41 H	138	32.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	102.4 PK			1.14 V	327	105.0	-2.6
2	*2462.00	99.8 AV			1.14 V	327	102.4	-2.6
3	2483.50	54.2 PK	74.0	-19.8	1.14 V	327	56.6	-2.4
4	2483.50	40.9 AV	54.0	-13.1	1.14 V	327	43.3	-2.4
5	4924.00	48.7 PK	74.0	-25.3	2.89 V	283	46.7	2.0
6	4924.00	35.8 AV	54.0	-18.2	2.89 V	283	33.8	2.0
7	7386.00	50.7 PK	74.0	-23.3	2.87 V	252	42.1	8.6
8	7386.00	37.4 AV	54.0	-16.6	2.87 V	252	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	105.4 PK			3.07 H	89	107.9	-2.5
2	*2467.00	102.6 AV			3.07 H	89	105.1	-2.5
3	2483.50	60.7 PK	74.0	-13.3	3.07 H	89	63.1	-2.4
4	2483.50	47.4 AV	54.0	-6.6	3.07 H	89	49.8	-2.4
5	4934.00	47.8 PK	74.0	-26.2	1.49 H	162	45.8	2.0
6	4934.00	35.1 AV	54.0	-18.9	1.49 H	162	33.1	2.0
7	7401.00	51.9 PK	74.0	-22.1	3.40 H	150	43.3	8.6
8	7401.00	38.2 AV	54.0	-15.8	3.40 H	150	29.6	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	97.7 PK			1.15 V	354	100.2	-2.5
2	*2467.00	94.8 AV			1.15 V	354	97.3	-2.5
3	2483.50	54.2 PK	74.0	-19.8	1.15 V	354	56.6	-2.4
4	2483.50	40.9 AV	54.0	-13.1	1.15 V	354	43.3	-2.4
5	4934.00	48.3 PK	74.0	-25.7	2.85 V	288	46.3	2.0
6	4934.00	35.6 AV	54.0	-18.4	2.85 V	288	33.6	2.0
7	7401.00	51.2 PK	74.0	-22.8	2.97 V	260	42.6	8.6
8	7401.00	37.7 AV	54.0	-16.3	2.97 V	260	29.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	103.0 PK			2.97 H	65	105.5	-2.5
2	*2472.00	100.5 AV			2.97 H	65	103.0	-2.5
3	2483.50	72.3 PK	74.0	-1.7	2.97 H	65	74.7	-2.4
4	2483.50	49.2 AV	54.0	-4.8	2.97 H	65	51.6	-2.4
5	4944.00	48.5 PK	74.0	-25.5	1.46 H	147	46.4	2.1
6	4944.00	35.8 AV	54.0	-18.2	1.46 H	147	33.7	2.1
7	7416.00	51.0 PK	74.0	-23.0	3.35 H	143	42.4	8.6
8	7416.00	37.5 AV	54.0	-16.5	3.35 H	143	28.9	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	94.8 PK			1.18 V	342	97.3	-2.5
2	*2472.00	82.9 AV			1.18 V	342	85.4	-2.5
3	2483.50	63.2 PK	74.0	-10.8	1.18 V	342	65.6	-2.4
4	2483.50	42.5 AV	54.0	-11.5	1.18 V	342	44.9	-2.4
5	4944.00	48.5 PK	74.0	-25.5	2.90 V	277	46.4	2.1
6	4944.00	35.6 AV	54.0	-18.4	2.90 V	277	33.5	2.1
7	7416.00	51.5 PK	74.0	-22.5	2.92 V	258	42.9	8.6
8	7416.00	38.1 AV	54.0	-15.9	2.92 V	258	29.5	8.6

**REMARKS:**

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

**802.11g**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.7 PK	74.0	-12.3	3.13 H	81	63.9	-2.2
2	2390.00	48.4 AV	54.0	-5.6	3.13 H	81	50.6	-2.2
3	*2412.00	107.5 PK			3.13 H	81	109.9	-2.4
4	*2412.00	97.3 AV			3.13 H	81	99.7	-2.4
5	4824.00	49.1 PK	74.0	-24.9	1.51 H	149	47.3	1.8
6	4824.00	36.0 AV	54.0	-18.0	1.51 H	149	34.2	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.8 PK	74.0	-19.2	1.17 V	353	57.0	-2.2
2	2390.00	41.6 AV	54.0	-12.4	1.17 V	353	43.8	-2.2
3	*2412.00	99.9 PK			1.17 V	353	102.3	-2.4
4	*2412.00	89.8 AV			1.17 V	353	92.2	-2.4
5	4824.00	48.3 PK	74.0	-25.7	2.91 V	286	46.5	1.8
6	4824.00	35.3 AV	54.0	-18.7	2.91 V	286	33.5	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.0 PK	74.0	-12.0	3.15 H	84	64.2	-2.2
2	2390.00	48.5 AV	54.0	-5.5	3.15 H	84	50.7	-2.2
3	*2417.00	109.8 PK			3.15 H	84	112.2	-2.4
4	*2417.00	99.4 AV			3.15 H	84	101.8	-2.4
5	4834.00	48.5 PK	74.0	-25.5	1.46 H	145	46.7	1.8
6	4834.00	35.9 AV	54.0	-18.1	1.46 H	145	34.1	1.8
7	7251.00	51.0 PK	74.0	-23.0	3.38 H	166	42.9	8.1
8	7251.00	37.5 AV	54.0	-16.5	3.38 H	166	29.4	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.1 PK	74.0	-19.9	1.15 V	347	56.3	-2.2
2	2390.00	41.1 AV	54.0	-12.9	1.15 V	347	43.3	-2.2
3	*2417.00	102.1 PK			1.15 V	347	104.5	-2.4
4	*2417.00	91.8 AV			1.15 V	347	94.2	-2.4
5	4834.00	48.7 PK	74.0	-25.3	2.87 V	290	46.9	1.8
6	4834.00	35.9 AV	54.0	-18.1	2.87 V	290	34.1	1.8
7	7251.00	51.3 PK	74.0	-22.7	2.92 V	250	43.2	8.1
8	7251.00	37.7 AV	54.0	-16.3	2.92 V	250	29.6	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.1 PK	74.0	-11.9	3.13 H	80	64.3	-2.2
2	2390.00	48.7 AV	54.0	-5.3	3.13 H	80	50.9	-2.2
3	*2437.00	114.7 PK			3.13 H	80	117.3	-2.6
4	*2437.00	104.6 AV			3.13 H	80	107.2	-2.6
5	2483.50	62.2 PK	74.0	-11.8	3.13 H	80	64.6	-2.4
6	2483.50	48.4 AV	54.0	-5.6	3.13 H	80	50.8	-2.4
7	4874.00	48.5 PK	74.0	-25.5	1.48 H	166	46.5	2.0
8	4874.00	35.6 AV	54.0	-18.4	1.48 H	166	33.6	2.0
9	7311.00	51.5 PK	74.0	-22.5	3.40 H	140	43.1	8.4
10	7311.00	38.1 AV	54.0	-15.9	3.40 H	140	29.7	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.4 PK	74.0	-19.6	1.13 V	333	56.6	-2.2
2	2390.00	41.4 AV	54.0	-12.6	1.13 V	333	43.6	-2.2
3	*2437.00	107.5 PK			1.13 V	333	110.1	-2.6
4	*2437.00	97.1 AV			1.13 V	333	99.7	-2.6
5	2483.50	54.6 PK	74.0	-19.4	1.13 V	333	57.0	-2.4
6	2483.50	41.6 AV	54.0	-12.4	1.13 V	333	44.0	-2.4
7	4874.00	48.6 PK	74.0	-25.4	2.88 V	266	46.6	2.0
8	4874.00	35.8 AV	54.0	-18.2	2.88 V	266	33.8	2.0
9	7311.00	51.5 PK	74.0	-22.5	2.89 V	245	43.1	8.4
10	7311.00	37.8 AV	54.0	-16.2	2.89 V	245	29.4	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	110.1 PK			3.13 H	97	112.7	-2.6
2	*2457.00	99.5 AV			3.13 H	97	102.1	-2.6
3	2483.50	61.8 PK	74.0	-12.2	3.13 H	97	64.2	-2.4
4	2483.50	48.1 AV	54.0	-5.9	3.13 H	97	50.5	-2.4
5	4914.00	48.4 PK	74.0	-25.6	1.46 H	175	46.4	2.0
6	4914.00	35.8 AV	54.0	-18.2	1.46 H	175	33.8	2.0
7	7371.00	50.8 PK	74.0	-23.2	3.45 H	161	42.2	8.6
8	7371.00	37.6 AV	54.0	-16.4	3.45 H	161	29.0	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	102.3 PK			1.12 V	330	104.9	-2.6
2	*2457.00	91.9 AV			1.12 V	330	94.5	-2.6
3	2483.50	54.5 PK	74.0	-19.5	1.12 V	330	56.9	-2.4
4	2483.50	41.4 AV	54.0	-12.6	1.12 V	330	43.8	-2.4
5	4914.00	48.2 PK	74.0	-25.8	2.91 V	287	46.2	2.0
6	4914.00	35.6 AV	54.0	-18.4	2.91 V	287	33.6	2.0
7	7371.00	50.8 PK	74.0	-23.2	2.93 V	245	42.2	8.6
8	7371.00	37.4 AV	54.0	-16.6	2.93 V	245	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.9 PK			3.09 H	90	110.5	-2.6
2	*2462.00	97.3 AV			3.09 H	90	99.9	-2.6
3	2483.50	62.5 PK	74.0	-11.5	3.09 H	90	64.9	-2.4
4	2483.50	48.6 AV	54.0	-5.4	3.09 H	90	51.0	-2.4
5	4924.00	48.8 PK	74.0	-25.2	1.48 H	165	46.8	2.0
6	4924.00	36.1 AV	54.0	-17.9	1.48 H	165	34.1	2.0
7	7386.00	51.2 PK	74.0	-22.8	3.41 H	167	42.6	8.6
8	7386.00	38.0 AV	54.0	-16.0	3.41 H	167	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	99.8 PK			1.08 V	343	102.4	-2.6
2	*2462.00	89.5 AV			1.08 V	343	92.1	-2.6
3	2483.50	55.1 PK	74.0	-18.9	1.08 V	343	57.5	-2.4
4	2483.50	42.1 AV	54.0	-11.9	1.08 V	343	44.5	-2.4
5	4924.00	48.3 PK	74.0	-25.7	2.90 V	283	46.3	2.0
6	4924.00	35.2 AV	54.0	-18.8	2.90 V	283	33.2	2.0
7	7386.00	51.4 PK	74.0	-22.6	2.98 V	264	42.8	8.6
8	7386.00	38.1 AV	54.0	-15.9	2.98 V	264	29.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	104.3 PK			3.09 H	64	106.8	-2.5
2	*2467.00	93.4 AV			3.09 H	64	95.9	-2.5
3	2483.50	62.0 PK	74.0	-12.0	3.09 H	64	64.4	-2.4
4	2483.50	48.1 AV	54.0	-5.9	3.09 H	64	50.5	-2.4
5	4934.00	48.0 PK	74.0	-26.0	1.54 H	155	46.0	2.0
6	4934.00	35.5 AV	54.0	-18.5	1.54 H	155	33.5	2.0
7	7401.00	50.8 PK	74.0	-23.2	3.46 H	157	42.2	8.6
8	7401.00	37.5 AV	54.0	-16.5	3.46 H	157	28.9	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	96.5 PK			1.17 V	343	99.0	-2.5
2	*2467.00	85.7 AV			1.17 V	343	88.2	-2.5
3	2483.50	54.6 PK	74.0	-19.4	1.17 V	343	57.0	-2.4
4	2483.50	41.5 AV	54.0	-12.5	1.17 V	343	43.9	-2.4
5	4934.00	48.6 PK	74.0	-25.4	2.95 V	279	46.6	2.0
6	4934.00	35.6 AV	54.0	-18.4	2.95 V	279	33.6	2.0
7	7401.00	50.8 PK	74.0	-23.2	2.91 V	244	42.2	8.6
8	7401.00	37.3 AV	54.0	-16.7	2.91 V	244	28.7	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	104.2 PK			2.98 H	78	106.7	-2.5
2	*2472.00	93.4 AV			2.98 H	78	95.9	-2.5
3	2483.50	65.3 PK	74.0	-8.7	2.98 H	78	67.7	-2.4
4	2483.50	50.2 AV	54.0	-3.8	2.98 H	78	52.6	-2.4
5	4944.00	48.0 PK	74.0	-26.0	1.43 H	174	45.9	2.1
6	4944.00	35.4 AV	54.0	-18.6	1.43 H	174	33.3	2.1
7	7416.00	50.5 PK	74.0	-23.5	3.45 H	160	41.9	8.6
8	7416.00	37.2 AV	54.0	-16.8	3.45 H	160	28.6	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	96.5 PK			1.10 V	355	99.0	-2.5
2	*2472.00	85.2 AV			1.10 V	355	87.7	-2.5
3	2483.50	55.3 PK	74.0	-18.7	1.10 V	355	57.7	-2.4
4	2483.50	42.0 AV	54.0	-12.0	1.10 V	355	44.4	-2.4
5	4944.00	49.0 PK	74.0	-25.0	2.85 V	282	46.9	2.1
6	4944.00	35.9 AV	54.0	-18.1	2.85 V	282	33.8	2.1
7	7416.00	51.3 PK	74.0	-22.7	2.93 V	255	42.7	8.6
8	7416.00	37.7 AV	54.0	-16.3	2.93 V	255	29.1	8.6

**REMARKS:**

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

**VHT20**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.3 PK	74.0	-11.7	3.10 H	87	64.5	-2.2
2	2390.00	48.4 AV	54.0	-5.6	3.10 H	87	50.6	-2.2
3	*2412.00	107.8 PK			3.10 H	87	110.2	-2.4
4	*2412.00	97.5 AV			3.10 H	87	99.9	-2.4
5	4824.00	47.8 PK	74.0	-26.2	1.45 H	162	46.0	1.8
6	4824.00	35.2 AV	54.0	-18.8	1.45 H	162	33.4	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.8 PK	74.0	-19.2	1.16 V	340	57.0	-2.2
2	2390.00	41.6 AV	54.0	-12.4	1.16 V	340	43.8	-2.2
3	*2412.00	99.7 PK			1.16 V	340	102.1	-2.4
4	*2412.00	89.8 AV			1.16 V	340	92.2	-2.4
5	4824.00	48.3 PK	74.0	-25.7	2.93 V	262	46.5	1.8
6	4824.00	35.4 AV	54.0	-18.6	2.93 V	262	33.6	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.7 PK	74.0	-11.3	3.12 H	91	64.9	-2.2
2	2390.00	48.8 AV	54.0	-5.2	3.12 H	91	51.0	-2.2
3	*2417.00	109.9 PK			3.12 H	91	112.3	-2.4
4	*2417.00	99.6 AV			3.12 H	91	102.0	-2.4
5	4834.00	48.3 PK	74.0	-25.7	1.46 H	170	46.5	1.8
6	4834.00	35.3 AV	54.0	-18.7	1.46 H	170	33.5	1.8
7	7251.00	51.5 PK	74.0	-22.5	3.39 H	158	43.4	8.1
8	7251.00	38.2 AV	54.0	-15.8	3.39 H	158	30.1	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.4 PK	74.0	-18.6	1.09 V	327	57.6	-2.2
2	2390.00	41.9 AV	54.0	-12.1	1.09 V	327	44.1	-2.2
3	*2417.00	102.3 PK			1.09 V	327	104.7	-2.4
4	*2417.00	92.1 AV			1.09 V	327	94.5	-2.4
5	4834.00	48.5 PK	74.0	-25.5	2.89 V	275	46.7	1.8
6	4834.00	35.8 AV	54.0	-18.2	2.89 V	275	34.0	1.8
7	7251.00	50.7 PK	74.0	-23.3	2.96 V	260	42.6	8.1
8	7251.00	37.6 AV	54.0	-16.4	2.96 V	260	29.5	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.2 PK	74.0	-11.8	3.09 H	84	64.4	-2.2
2	2390.00	48.8 AV	54.0	-5.2	3.09 H	84	51.0	-2.2
3	*2437.00	115.1 PK			3.09 H	84	117.7	-2.6
4	*2437.00	104.5 AV			3.09 H	84	107.1	-2.6
5	2483.50	62.5 PK	74.0	-11.5	3.09 H	84	64.9	-2.4
6	2483.50	48.8 AV	54.0	-5.2	3.09 H	84	51.2	-2.4
7	4874.00	48.7 PK	74.0	-25.3	1.46 H	155	46.7	2.0
8	4874.00	35.8 AV	54.0	-18.2	1.46 H	155	33.8	2.0
9	7311.00	51.0 PK	74.0	-23.0	3.44 H	178	42.6	8.4
10	7311.00	37.7 AV	54.0	-16.3	3.44 H	178	29.3	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.4 PK	74.0	-18.6	1.07 V	345	57.6	-2.2
2	2390.00	41.9 AV	54.0	-12.1	1.07 V	345	44.1	-2.2
3	*2437.00	107.4 PK			1.07 V	345	110.0	-2.6
4	*2437.00	97.0 AV			1.07 V	345	99.6	-2.6
5	2483.50	55.8 PK	74.0	-18.2	1.07 V	345	58.2	-2.4
6	2483.50	42.1 AV	54.0	-11.9	1.07 V	345	44.5	-2.4
7	4874.00	47.8 PK	74.0	-26.2	2.92 V	265	45.8	2.0
8	4874.00	35.2 AV	54.0	-18.8	2.92 V	265	33.2	2.0
9	7311.00	51.5 PK	74.0	-22.5	2.99 V	267	43.1	8.4
10	7311.00	38.1 AV	54.0	-15.9	2.99 V	267	29.7	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	110.2 PK			3.07 H	68	112.8	-2.6
2	*2457.00	99.7 AV			3.07 H	68	102.3	-2.6
3	2483.50	62.6 PK	74.0	-11.4	3.07 H	68	65.0	-2.4
4	2483.50	49.0 AV	54.0	-5.0	3.07 H	68	51.4	-2.4
5	4914.00	48.7 PK	74.0	-25.3	1.52 H	153	46.7	2.0
6	4914.00	36.0 AV	54.0	-18.0	1.52 H	153	34.0	2.0
7	7371.00	51.1 PK	74.0	-22.9	3.44 H	173	42.5	8.6
8	7371.00	37.5 AV	54.0	-16.5	3.44 H	173	28.9	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	102.5 PK			1.17 V	337	105.1	-2.6
2	*2457.00	92.1 AV			1.17 V	337	94.7	-2.6
3	2483.50	54.7 PK	74.0	-19.3	1.17 V	337	57.1	-2.4
4	2483.50	41.6 AV	54.0	-12.4	1.17 V	337	44.0	-2.4
5	4914.00	48.3 PK	74.0	-25.7	2.91 V	290	46.3	2.0
6	4914.00	35.6 AV	54.0	-18.4	2.91 V	290	33.6	2.0
7	7371.00	50.4 PK	74.0	-23.6	2.98 V	241	41.8	8.6
8	7371.00	37.3 AV	54.0	-16.7	2.98 V	241	28.7	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	108.3 PK			3.03 H	81	110.9	-2.6
2	*2462.00	97.8 AV			3.03 H	81	100.4	-2.6
3	2483.50	62.7 PK	74.0	-11.3	3.03 H	81	65.1	-2.4
4	2483.50	49.1 AV	54.0	-4.9	3.03 H	81	51.5	-2.4
5	4924.00	49.0 PK	74.0	-25.0	1.52 H	154	47.0	2.0
6	4924.00	36.0 AV	54.0	-18.0	1.52 H	154	34.0	2.0
7	7386.00	50.9 PK	74.0	-23.1	3.39 H	152	42.3	8.6
8	7386.00	37.4 AV	54.0	-16.6	3.39 H	152	28.8	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	100.6 PK			1.09 V	327	103.2	-2.6
2	*2462.00	90.1 AV			1.09 V	327	92.7	-2.6
3	2483.50	55.0 PK	74.0	-19.0	1.09 V	327	57.4	-2.4
4	2483.50	41.9 AV	54.0	-12.1	1.09 V	327	44.3	-2.4
5	4924.00	48.5 PK	74.0	-25.5	2.87 V	274	46.5	2.0
6	4924.00	35.7 AV	54.0	-18.3	2.87 V	274	33.7	2.0
7	7386.00	51.3 PK	74.0	-22.7	2.98 V	256	42.7	8.6
8	7386.00	38.1 AV	54.0	-15.9	2.98 V	256	29.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	105.1 PK			3.04 H	92	107.6	-2.5
2	*2467.00	94.5 AV			3.04 H	92	97.0	-2.5
3	2483.50	62.3 PK	74.0	-11.7	3.04 H	92	64.7	-2.4
4	2483.50	49.1 AV	54.0	-4.9	3.04 H	92	51.5	-2.4
5	4934.00	48.2 PK	74.0	-25.8	1.43 H	169	46.2	2.0
6	4934.00	35.4 AV	54.0	-18.6	1.43 H	169	33.4	2.0
7	7401.00	51.1 PK	74.0	-22.9	3.42 H	156	42.5	8.6
8	7401.00	37.7 AV	54.0	-16.3	3.42 H	156	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	97.3 PK			1.07 V	329	99.8	-2.5
2	*2467.00	86.8 AV			1.07 V	329	89.3	-2.5
3	2483.50	54.3 PK	74.0	-19.7	1.07 V	329	56.7	-2.4
4	2483.50	41.3 AV	54.0	-12.7	1.07 V	329	43.7	-2.4
5	4934.00	47.9 PK	74.0	-26.1	2.87 V	279	45.9	2.0
6	4934.00	35.3 AV	54.0	-18.7	2.87 V	279	33.3	2.0
7	7401.00	51.2 PK	74.0	-22.8	2.92 V	244	42.6	8.6
8	7401.00	37.8 AV	54.0	-16.2	2.92 V	244	29.2	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	101.1 PK			3.00 H	74	103.6	-2.5
2	*2472.00	93.2 AV			3.00 H	74	95.7	-2.5
3	2483.50	66.6 PK	74.0	-7.4	3.00 H	74	69.0	-2.4
4	2483.50	50.1 AV	54.0	-3.9	3.00 H	74	52.5	-2.4
5	4944.00	48.1 PK	74.0	-25.9	1.53 H	150	46.0	2.1
6	4944.00	35.1 AV	54.0	-18.9	1.53 H	150	33.0	2.1
7	7416.00	51.5 PK	74.0	-22.5	3.41 H	163	42.9	8.6
8	7416.00	38.1 AV	54.0	-15.9	3.41 H	163	29.5	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	93.3 PK			1.06 V	340	95.8	-2.5
2	*2472.00	85.3 AV			1.06 V	340	87.8	-2.5
3	2483.50	55.3 PK	74.0	-18.7	1.06 V	340	57.7	-2.4
4	2483.50	41.9 AV	54.0	-12.1	1.06 V	340	44.3	-2.4
5	4944.00	47.9 PK	74.0	-26.1	2.89 V	277	45.8	2.1
6	4944.00	35.4 AV	54.0	-18.6	2.89 V	277	33.3	2.1
7	7416.00	51.2 PK	74.0	-22.8	2.96 V	247	42.6	8.6
8	7416.00	37.9 AV	54.0	-16.1	2.96 V	247	29.3	8.6

**REMARKS:**

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

**VHT40**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.6 PK	74.0	-9.4	3.13 H	81	66.8	-2.2
2	2390.00	50.0 AV	54.0	-4.0	3.13 H	81	52.2	-2.2
3	*2422.00	104.8 PK			3.13 H	81	107.3	-2.5
4	*2422.00	94.9 AV			3.13 H	81	97.4	-2.5
5	4844.00	47.9 PK	74.0	-26.1	1.46 H	179	46.1	1.8
6	4844.00	35.4 AV	54.0	-18.6	1.46 H	179	33.6	1.8
7	7266.00	50.8 PK	74.0	-23.2	3.46 H	153	42.6	8.2
8	7266.00	37.5 AV	54.0	-16.5	3.46 H	153	29.3	8.2

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.0 PK	74.0	-20.0	1.12 V	355	56.2	-2.2
2	2390.00	41.1 AV	54.0	-12.9	1.12 V	355	43.3	-2.2
3	*2422.00	97.2 PK			1.12 V	355	99.7	-2.5
4	*2422.00	87.1 AV			1.12 V	355	89.6	-2.5
5	4844.00	48.2 PK	74.0	-25.8	2.82 V	285	46.4	1.8
6	4844.00	35.4 AV	54.0	-18.6	2.82 V	285	33.6	1.8
7	7266.00	50.7 PK	74.0	-23.3	2.94 V	252	42.5	8.2
8	7266.00	37.4 AV	54.0	-16.6	2.94 V	252	29.2	8.2

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.9 PK	74.0	-9.1	3.14 H	82	67.1	-2.2
2	2390.00	50.2 AV	54.0	-3.8	3.14 H	82	52.4	-2.2
3	*2437.00	107.9 PK			3.14 H	82	110.5	-2.6
4	*2437.00	97.8 AV			3.14 H	82	100.4	-2.6
5	2483.50	64.4 PK	74.0	-9.6	3.14 H	82	66.8	-2.4
6	2483.50	49.7 AV	54.0	-4.3	3.14 H	82	52.1	-2.4
7	4874.00	48.5 PK	74.0	-25.5	1.43 H	169	46.5	2.0
8	4874.00	35.9 AV	54.0	-18.1	1.43 H	169	33.9	2.0
9	7311.00	51.3 PK	74.0	-22.7	3.47 H	179	42.9	8.4
10	7311.00	37.8 AV	54.0	-16.2	3.47 H	179	29.4	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	57.2 PK	74.0	-16.8	1.07 V	346	59.4	-2.2
2	2390.00	43.2 AV	54.0	-10.8	1.07 V	346	45.4	-2.2
3	*2437.00	99.7 PK			1.07 V	346	102.3	-2.6
4	*2437.00	89.2 AV			1.07 V	346	91.8	-2.6
5	2483.50	56.5 PK	74.0	-17.5	1.07 V	346	58.9	-2.4
6	2483.50	42.6 AV	54.0	-11.4	1.07 V	346	45.0	-2.4
7	4874.00	48.1 PK	74.0	-25.9	2.88 V	285	46.1	2.0
8	4874.00	35.5 AV	54.0	-18.5	2.88 V	285	33.5	2.0
9	7311.00	51.4 PK	74.0	-22.6	2.91 V	233	43.0	8.4
10	7311.00	38.2 AV	54.0	-15.8	2.91 V	233	29.8	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	107.3 PK			3.17 H	71	109.9	-2.6
2	*2452.00	97.4 AV			3.17 H	71	100.0	-2.6
3	2483.50	64.2 PK	74.0	-9.8	3.17 H	71	66.6	-2.4
4	2483.50	49.7 AV	54.0	-4.3	3.17 H	71	52.1	-2.4
5	4904.00	48.2 PK	74.0	-25.8	1.54 H	178	46.2	2.0
6	4904.00	35.5 AV	54.0	-18.5	1.54 H	178	33.5	2.0
7	7356.00	51.6 PK	74.0	-22.4	3.39 H	161	43.0	8.6
8	7356.00	38.0 AV	54.0	-16.0	3.39 H	161	29.4	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	99.5 PK			1.15 V	348	102.1	-2.6
2	*2452.00	89.7 AV			1.15 V	348	92.3	-2.6
3	2483.50	56.8 PK	74.0	-17.2	1.15 V	348	59.2	-2.4
4	2483.50	42.8 AV	54.0	-11.2	1.15 V	348	45.2	-2.4
5	4904.00	48.1 PK	74.0	-25.9	2.85 V	269	46.1	2.0
6	4904.00	35.4 AV	54.0	-18.6	2.85 V	269	33.4	2.0
7	7356.00	51.7 PK	74.0	-22.3	2.96 V	238	43.1	8.6
8	7356.00	38.1 AV	54.0	-15.9	2.96 V	238	29.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	104.2 PK			3.09 H	92	106.8	-2.6
2	*2457.00	94.5 AV			3.09 H	92	97.1	-2.6
3	2483.50	64.2 PK	74.0	-9.8	3.09 H	92	66.6	-2.4
4	2483.50	49.5 AV	54.0	-4.5	3.09 H	92	51.9	-2.4
5	4914.00	48.8 PK	74.0	-25.2	1.44 H	155	46.8	2.0
6	4914.00	36.0 AV	54.0	-18.0	1.44 H	155	34.0	2.0
7	7371.00	50.8 PK	74.0	-23.2	3.36 H	156	42.2	8.6
8	7371.00	37.3 AV	54.0	-16.7	3.36 H	156	28.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	96.5 PK			1.16 V	351	99.1	-2.6
2	*2457.00	86.6 AV			1.16 V	351	89.2	-2.6
3	2483.50	56.3 PK	74.0	-17.7	1.16 V	351	58.7	-2.4
4	2483.50	42.4 AV	54.0	-11.6	1.16 V	351	44.8	-2.4
5	4914.00	49.1 PK	74.0	-24.9	2.82 V	288	47.1	2.0
6	4914.00	36.0 AV	54.0	-18.0	2.82 V	288	34.0	2.0
7	7371.00	51.7 PK	74.0	-22.3	2.94 V	258	43.1	8.6
8	7371.00	38.1 AV	54.0	-15.9	2.94 V	258	29.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	100.5 PK			2.98 H	78	103.1	-2.6
2	*2462.00	91.4 AV			2.98 H	78	94.0	-2.6
3	2483.50	69.4 PK	74.0	-4.6	2.98 H	78	71.8	-2.4
4	2483.50	48.7 AV	54.0	-5.3	2.98 H	78	51.1	-2.4
5	4924.00	48.7 PK	74.0	-25.3	1.43 H	165	46.7	2.0
6	4924.00	36.0 AV	54.0	-18.0	1.43 H	165	34.0	2.0
7	7386.00	50.9 PK	74.0	-23.1	3.38 H	173	42.3	8.6
8	7386.00	37.7 AV	54.0	-16.3	3.38 H	173	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	92.6 PK			1.12 V	340	95.2	-2.6
2	*2462.00	83.1 AV			1.12 V	340	85.7	-2.6
3	2483.50	57.8 PK	74.0	-16.2	1.12 V	340	60.2	-2.4
4	2483.50	40.4 AV	54.0	-13.6	1.12 V	340	42.8	-2.4
5	4924.00	48.4 PK	74.0	-25.6	2.84 V	268	46.4	2.0
6	4924.00	35.4 AV	54.0	-18.6	2.84 V	268	33.4	2.0
7	7386.00	51.1 PK	74.0	-22.9	2.87 V	247	42.5	8.6
8	7386.00	37.4 AV	54.0	-16.6	2.87 V	247	28.8	8.6

**REMARKS:**

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

4.1.8 Test Results (Mode 2)

**2TX Mode**

**Above 1GHz Data:**

**802.11b**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.5 PK	74.0	-17.5	1.45 H	360	58.7	-2.2
2	2390.00	40.6 AV	54.0	-13.4	1.45 H	360	42.8	-2.2
3	*2412.00	102.9 PK			1.45 H	360	105.3	-2.4
4	*2412.00	100.7 AV			1.45 H	360	103.1	-2.4
5	4824.00	49.3 PK	74.0	-24.7	2.15 H	95	47.5	1.8
6	4824.00	36.2 AV	54.0	-17.8	2.15 H	95	34.4	1.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.2 PK	74.0	-12.8	1.10 V	172	63.4	-2.2
2	2390.00	47.8 AV	54.0	-6.2	1.10 V	172	50.0	-2.2
3	*2412.00	110.8 PK			1.10 V	172	113.2	-2.4
4	*2412.00	108.5 AV			1.10 V	172	110.9	-2.4
5	4824.00	49.5 PK	74.0	-24.5	1.73 V	131	47.7	1.8
6	4824.00	36.8 AV	54.0	-17.2	1.73 V	131	35.0	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	1.45 H	360	58.4	-2.2
2	2390.00	40.6 AV	54.0	-13.4	1.45 H	360	42.8	-2.2
3	*2437.00	105.2 PK			1.45 H	360	107.8	-2.6
4	*2437.00	103.4 AV			1.45 H	360	106.0	-2.6
5	2483.50	57.1 PK	74.0	-16.9	1.45 H	360	59.5	-2.4
6	2483.50	40.8 AV	54.0	-13.2	1.45 H	360	43.2	-2.4
7	4874.00	49.6 PK	74.0	-24.4	2.16 H	109	47.6	2.0
8	4874.00	36.2 AV	54.0	-17.8	2.16 H	109	34.2	2.0
9	7311.00	51.1 PK	74.0	-22.9	2.46 H	245	42.7	8.4
10	7311.00	38.2 AV	54.0	-15.8	2.46 H	245	29.8	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.3 PK	74.0	-13.7	1.12 V	180	62.5	-2.2
2	2390.00	47.3 AV	54.0	-6.7	1.12 V	180	49.5	-2.2
3	*2437.00	113.4 PK			1.12 V	180	116.0	-2.6
4	*2437.00	111.1 AV			1.12 V	180	113.7	-2.6
5	2483.50	61.1 PK	74.0	-12.9	1.12 V	180	63.5	-2.4
6	2483.50	47.6 AV	54.0	-6.4	1.12 V	180	50.0	-2.4
7	4874.00	49.5 PK	74.0	-24.5	1.65 V	99	47.5	2.0
8	4874.00	37.0 AV	54.0	-17.0	1.65 V	99	35.0	2.0
9	7311.00	53.1 PK	74.0	-20.9	3.67 V	160	44.7	8.4
10	7311.00	47.8 AV	54.0	-6.2	3.67 V	160	39.4	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.6 PK			1.44 H	360	107.2	-2.6
2	*2462.00	102.1 AV			1.44 H	360	104.7	-2.6
3	2483.50	56.0 PK	74.0	-18.0	1.44 H	360	58.4	-2.4
4	2483.50	40.6 AV	54.0	-13.4	1.44 H	360	43.0	-2.4
5	4924.00	48.7 PK	74.0	-25.3	2.12 H	107	46.7	2.0
6	4924.00	35.7 AV	54.0	-18.3	2.12 H	107	33.7	2.0
7	7386.00	51.0 PK	74.0	-23.0	2.40 H	238	42.4	8.6
8	7386.00	37.9 AV	54.0	-16.1	2.40 H	238	29.3	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	112.6 PK			1.08 V	180	115.2	-2.6
2	*2462.00	110.3 AV			1.08 V	180	112.9	-2.6
3	2483.50	62.2 PK	74.0	-11.8	1.08 V	180	64.6	-2.4
4	2483.50	49.3 AV	54.0	-4.7	1.08 V	180	51.7	-2.4
5	4924.00	49.6 PK	74.0	-24.4	1.72 V	137	47.6	2.0
6	4924.00	36.8 AV	54.0	-17.2	1.72 V	137	34.8	2.0
7	7386.00	50.1 PK	74.0	-23.9	2.00 V	88	41.5	8.6
8	7386.00	44.3 AV	54.0	-9.7	2.00 V	88	35.7	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	99.8 PK			1.46 H	360	102.3	-2.5
2	*2467.00	97.8 AV			1.46 H	360	100.3	-2.5
3	2483.50	55.7 PK	74.0	-18.3	1.46 H	360	58.1	-2.4
4	2483.50	41.1 AV	54.0	-12.9	1.46 H	360	43.5	-2.4
5	4934.00	49.7 PK	74.0	-24.3	2.13 H	114	47.7	2.0
6	4934.00	36.5 AV	54.0	-17.5	2.13 H	114	34.5	2.0
7	7401.00	51.2 PK	74.0	-22.8	2.45 H	255	42.6	8.6
8	7401.00	38.0 AV	54.0	-16.0	2.45 H	255	29.4	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	107.8 PK			1.12 V	178	110.3	-2.5
2	*2467.00	105.6 AV			1.12 V	178	108.1	-2.5
3	2483.50	65.9 PK	74.0	-8.1	1.12 V	178	68.3	-2.4
4	2483.50	48.3 AV	54.0	-5.7	1.12 V	178	50.7	-2.4
5	4934.00	48.5 PK	74.0	-25.5	1.75 V	107	46.5	2.0
6	4934.00	35.9 AV	54.0	-18.1	1.75 V	107	33.9	2.0
7	7401.00	50.9 PK	74.0	-23.1	2.00 V	80	42.3	8.6
8	7401.00	37.7 AV	54.0	-16.3	2.00 V	80	29.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	95.8 PK			1.36 H	360	98.3	-2.5
2	*2472.00	93.5 AV			1.36 H	360	96.0	-2.5
3	2483.50	56.1 PK	74.0	-17.9	1.36 H	360	58.5	-2.4
4	2483.50	42.3 AV	54.0	-11.7	1.36 H	360	44.7	-2.4
5	4944.00	49.3 PK	74.0	-24.7	2.11 H	122	47.2	2.1
6	4944.00	36.2 AV	54.0	-17.8	2.11 H	122	34.1	2.1
7	7416.00	50.9 PK	74.0	-23.1	2.42 H	256	42.3	8.6
8	7416.00	37.4 AV	54.0	-16.6	2.42 H	256	28.8	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	103.4 PK			1.18 V	91	105.9	-2.5
2	*2472.00	101.2 AV			1.18 V	91	103.7	-2.5
3	2483.50	62.5 PK	74.0	-11.5	1.18 V	91	64.9	-2.4
4	2483.50	50.3 AV	54.0	-3.7	1.18 V	91	52.7	-2.4
5	4944.00	49.0 PK	74.0	-25.0	1.72 V	136	46.9	2.1
6	4944.00	36.1 AV	54.0	-17.9	1.72 V	136	34.0	2.1
7	7416.00	50.8 PK	74.0	-23.2	1.95 V	87	42.2	8.6
8	7416.00	37.2 AV	54.0	-16.8	1.95 V	87	28.6	8.6

**REMARKS:**

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

**802.11g**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.1 PK	74.0	-17.9	1.46 H	360	58.3	-2.2
2	2390.00	40.5 AV	54.0	-13.5	1.46 H	360	42.7	-2.2
3	*2412.00	99.9 PK			1.46 H	360	102.3	-2.4
4	*2412.00	90.1 AV			1.46 H	360	92.5	-2.4
5	4824.00	49.9 PK	74.0	-24.1	1.77 H	89	48.1	1.8
6	4824.00	36.5 AV	54.0	-17.5	1.77 H	89	34.7	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.1 PK	74.0	-12.9	1.05 V	184	63.3	-2.2
2	2390.00	47.9 AV	54.0	-6.1	1.05 V	184	50.1	-2.2
3	*2412.00	107.7 PK			1.05 V	184	110.1	-2.4
4	*2412.00	97.9 AV			1.05 V	184	100.3	-2.4
5	4824.00	49.3 PK	74.0	-24.7	1.80 V	131	47.5	1.8
6	4824.00	36.2 AV	54.0	-17.8	1.80 V	131	34.4	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.0 PK	74.0	-18.0	1.38 H	360	58.2	-2.2
2	2390.00	40.8 AV	54.0	-13.2	1.38 H	360	43.0	-2.2
3	*2417.00	102.1 PK			1.38 H	360	104.5	-2.4
4	*2417.00	92.2 AV			1.38 H	360	94.6	-2.4
5	4834.00	49.7 PK	74.0	-24.3	1.82 H	90	47.9	1.8
6	4834.00	36.5 AV	54.0	-17.5	1.82 H	90	34.7	1.8
7	7251.00	51.4 PK	74.0	-22.6	3.45 H	111	43.3	8.1
8	7251.00	38.1 AV	54.0	-15.9	3.45 H	111	30.0	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.2 PK	74.0	-12.8	1.06 V	183	63.4	-2.2
2	2390.00	47.9 AV	54.0	-6.1	1.06 V	183	50.1	-2.2
3	*2417.00	109.9 PK			1.06 V	183	112.3	-2.4
4	*2417.00	100.0 AV			1.06 V	183	102.4	-2.4
5	4834.00	49.2 PK	74.0	-24.8	1.79 V	131	47.4	1.8
6	4834.00	36.1 AV	54.0	-17.9	1.79 V	131	34.3	1.8
7	7251.00	51.2 PK	74.0	-22.8	1.98 V	95	43.1	8.1
8	7251.00	37.8 AV	54.0	-16.2	1.98 V	95	29.7	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.3 PK	74.0	-18.7	1.42 H	360	57.5	-2.2
2	2390.00	40.3 AV	54.0	-13.7	1.42 H	360	42.5	-2.2
3	*2437.00	107.8 PK			1.42 H	360	110.4	-2.6
4	*2437.00	97.3 AV			1.42 H	360	99.9	-2.6
5	2483.50	55.8 PK	74.0	-18.2	1.42 H	360	58.2	-2.4
6	2483.50	40.7 AV	54.0	-13.3	1.42 H	360	43.1	-2.4
7	4874.00	49.5 PK	74.0	-24.5	1.81 H	91	47.5	2.0
8	4874.00	36.3 AV	54.0	-17.7	1.81 H	91	34.3	2.0
9	7311.00	50.7 PK	74.0	-23.3	3.46 H	125	42.3	8.4
10	7311.00	37.2 AV	54.0	-16.8	3.46 H	125	28.8	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.5 PK	74.0	-12.5	1.15 V	181	63.7	-2.2
2	2390.00	47.9 AV	54.0	-6.1	1.15 V	181	50.1	-2.2
3	*2437.00	115.4 PK			1.15 V	181	118.0	-2.6
4	*2437.00	105.1 AV			1.15 V	181	107.7	-2.6
5	2483.50	63.5 PK	74.0	-10.5	1.15 V	181	65.9	-2.4
6	2483.50	47.8 AV	54.0	-6.2	1.15 V	181	50.2	-2.4
7	4874.00	49.5 PK	74.0	-24.5	1.60 V	101	47.5	2.0
8	4874.00	36.8 AV	54.0	-17.2	1.60 V	101	34.8	2.0
9	7311.00	51.4 PK	74.0	-22.6	3.67 V	160	43.0	8.4
10	7311.00	37.9 AV	54.0	-16.1	3.67 V	160	29.5	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	103.4 PK			1.39 H	360	106.0	-2.6
2	*2457.00	93.3 AV			1.39 H	360	95.9	-2.6
3	2483.50	56.3 PK	74.0	-17.7	1.39 H	360	58.7	-2.4
4	2483.50	41.3 AV	54.0	-12.7	1.39 H	360	43.7	-2.4
5	4914.00	49.5 PK	74.0	-24.5	1.75 H	100	47.5	2.0
6	4914.00	36.6 AV	54.0	-17.4	1.75 H	100	34.6	2.0
7	7371.00	51.2 PK	74.0	-22.8	3.39 H	127	42.6	8.6
8	7371.00	37.7 AV	54.0	-16.3	3.39 H	127	29.1	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	111.1 PK			1.14 V	177	113.7	-2.6
2	*2457.00	101.1 AV			1.14 V	177	103.7	-2.6
3	2483.50	62.6 PK	74.0	-11.4	1.14 V	177	65.0	-2.4
4	2483.50	48.4 AV	54.0	-5.6	1.14 V	177	50.8	-2.4
5	4914.00	49.6 PK	74.0	-24.4	1.75 V	104	47.6	2.0
6	4914.00	36.6 AV	54.0	-17.4	1.75 V	104	34.6	2.0
7	7371.00	50.7 PK	74.0	-23.3	2.07 V	79	42.1	8.6
8	7371.00	37.4 AV	54.0	-16.6	2.07 V	79	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	101.5 PK			1.41 H	360	104.1	-2.6
2	*2462.00	91.7 AV			1.41 H	360	94.3	-2.6
3	2483.50	56.1 PK	74.0	-17.9	1.41 H	360	58.5	-2.4
4	2483.50	41.1 AV	54.0	-12.9	1.41 H	360	43.5	-2.4
5	4924.00	49.1 PK	74.0	-24.9	1.70 H	114	47.1	2.0
6	4924.00	35.8 AV	54.0	-18.2	1.70 H	114	33.8	2.0
7	7386.00	50.2 PK	74.0	-23.8	3.40 H	128	41.6	8.6
8	7386.00	37.3 AV	54.0	-16.7	3.40 H	128	28.7	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	109.1 PK			1.10 V	178	111.7	-2.6
2	*2462.00	99.4 AV			1.10 V	178	102.0	-2.6
3	2483.50	66.1 PK	74.0	-7.9	1.10 V	118	68.5	-2.4
4	2483.50	48.2 AV	54.0	-5.8	1.10 V	118	50.6	-2.4
5	4924.00	49.1 PK	74.0	-24.9	1.83 V	115	47.1	2.0
6	4924.00	36.5 AV	54.0	-17.5	1.83 V	115	34.5	2.0
7	7386.00	50.4 PK	74.0	-23.6	2.07 V	80	41.8	8.6
8	7386.00	37.1 AV	54.0	-16.9	2.07 V	80	28.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	98.6 PK			1.36 H	360	101.1	-2.5
2	*2467.00	87.1 AV			1.36 H	360	89.6	-2.5
3	2483.50	56.6 PK	74.0	-17.4	1.36 H	360	59.0	-2.4
4	2483.50	41.2 AV	54.0	-12.8	1.36 H	360	43.6	-2.4
5	4934.00	49.2 PK	74.0	-24.8	1.79 H	111	47.2	2.0
6	4934.00	36.0 AV	54.0	-18.0	1.79 H	111	34.0	2.0
7	7401.00	50.9 PK	74.0	-23.1	3.40 H	128	42.3	8.6
8	7401.00	37.8 AV	54.0	-16.2	3.40 H	128	29.2	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	106.5 PK			1.09 V	176	109.0	-2.5
2	*2467.00	96.8 AV			1.09 V	176	99.3	-2.5
3	2483.50	64.4 PK	74.0	-9.6	1.09 V	176	66.8	-2.4
4	2483.50	48.9 AV	54.0	-5.1	1.09 V	176	51.3	-2.4
5	4934.00	49.7 PK	74.0	-24.3	1.79 V	118	47.7	2.0
6	4934.00	36.8 AV	54.0	-17.2	1.79 V	118	34.8	2.0
7	7401.00	50.6 PK	74.0	-23.4	1.99 V	96	42.0	8.6
8	7401.00	37.2 AV	54.0	-16.8	1.99 V	96	28.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	96.2 PK			1.46 H	360	98.7	-2.5
2	*2472.00	86.2 AV			1.46 H	360	88.7	-2.5
3	2483.50	56.5 PK	74.0	-17.5	1.46 H	360	58.9	-2.4
4	2483.50	41.1 AV	54.0	-12.9	1.46 H	360	43.5	-2.4
5	4944.00	49.7 PK	74.0	-24.3	1.70 H	83	47.6	2.1
6	4944.00	36.6 AV	54.0	-17.4	1.70 H	83	34.5	2.1
7	7416.00	50.9 PK	74.0	-23.1	3.36 H	132	42.3	8.6
8	7416.00	37.7 AV	54.0	-16.3	3.36 H	132	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	103.9 PK			1.15 V	91	106.4	-2.5
2	*2472.00	94.0 AV			1.15 V	91	96.5	-2.5
3	2483.50	72.1 PK	74.0	-1.9	1.15 V	91	74.5	-2.4
4	2483.50	47.3 AV	54.0	-6.7	1.15 V	91	49.7	-2.4
5	4944.00	49.2 PK	74.0	-24.8	1.79 V	117	47.1	2.1
6	4944.00	36.4 AV	54.0	-17.6	1.79 V	117	34.3	2.1
7	7416.00	50.9 PK	74.0	-23.1	1.99 V	90	42.3	8.6
8	7416.00	37.2 AV	54.0	-16.8	1.99 V	90	28.6	8.6

**REMARKS:**

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

**VHT20**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	1.37 H	360	58.5	-2.2
2	2390.00	41.2 AV	54.0	-12.8	1.37 H	360	43.4	-2.2
3	*2412.00	100.3 PK			1.37 H	360	102.7	-2.4
4	*2412.00	90.6 AV			1.37 H	360	93.0	-2.4
5	4824.00	49.4 PK	74.0	-24.6	1.77 H	84	47.6	1.8
6	4824.00	36.4 AV	54.0	-17.6	1.77 H	84	34.6	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.5 PK	74.0	-12.5	1.02 V	191	63.7	-2.2
2	2390.00	48.2 AV	54.0	-5.8	1.02 V	191	50.4	-2.2
3	*2412.00	108.1 PK			1.02 V	191	110.5	-2.4
4	*2412.00	98.1 AV			1.02 V	191	100.5	-2.4
5	4824.00	49.7 PK	74.0	-24.3	1.80 V	118	47.9	1.8
6	4824.00	36.9 AV	54.0	-17.1	1.80 V	118	35.1	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.3 PK	74.0	-17.7	1.46 H	359	58.5	-2.2
2	2390.00	41.2 AV	54.0	-12.8	1.46 H	359	43.4	-2.2
3	*2417.00	101.6 PK			1.46 H	359	104.0	-2.4
4	*2417.00	91.9 AV			1.46 H	359	94.3	-2.4
5	4834.00	50.2 PK	74.0	-23.8	1.78 H	109	48.4	1.8
6	4834.00	36.7 AV	54.0	-17.3	1.78 H	109	34.9	1.8
7	7251.00	51.1 PK	74.0	-22.9	3.38 H	142	43.0	8.1
8	7251.00	37.5 AV	54.0	-16.5	3.38 H	142	29.4	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	1.08 V	188	63.6	-2.2
2	2390.00	48.4 AV	54.0	-5.6	1.08 V	188	50.6	-2.2
3	*2417.00	109.4 PK			1.08 V	188	111.8	-2.4
4	*2417.00	99.5 AV			1.08 V	188	101.9	-2.4
5	4834.00	49.6 PK	74.0	-24.4	1.74 V	100	47.8	1.8
6	4834.00	36.6 AV	54.0	-17.4	1.74 V	100	34.8	1.8
7	7251.00	50.4 PK	74.0	-23.6	2.07 V	81	42.3	8.1
8	7251.00	37.0 AV	54.0	-17.0	2.07 V	81	28.9	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.6 PK	74.0	-18.4	1.41 H	360	57.8	-2.2
2	2390.00	40.6 AV	54.0	-13.4	1.41 H	360	42.8	-2.2
3	*2437.00	106.5 PK			1.41 H	360	109.1	-2.6
4	*2437.00	97.1 AV			1.41 H	360	99.7	-2.6
5	2483.50	56.3 PK	74.0	-17.7	1.41 H	360	58.7	-2.4
6	2483.50	41.2 AV	54.0	-12.8	1.41 H	360	43.6	-2.4
7	4874.00	49.1 PK	74.0	-24.9	1.70 H	100	47.1	2.0
8	4874.00	35.8 AV	54.0	-18.2	1.70 H	100	33.8	2.0
9	7311.00	51.0 PK	74.0	-23.0	3.40 H	144	42.6	8.4
10	7311.00	38.0 AV	54.0	-16.0	3.40 H	144	29.6	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	1.03 V	186	63.6	-2.2
2	2390.00	47.7 AV	54.0	-6.3	1.03 V	186	49.9	-2.2
3	*2437.00	114.3 PK			1.03 V	186	116.9	-2.6
4	*2437.00	104.9 AV			1.03 V	186	107.5	-2.6
5	2483.50	63.8 PK	74.0	-10.2	1.03 V	186	66.2	-2.4
6	2483.50	47.9 AV	54.0	-6.1	1.03 V	186	50.3	-2.4
7	4874.00	49.2 PK	74.0	-24.8	1.61 V	102	47.2	2.0
8	4874.00	36.3 AV	54.0	-17.7	1.61 V	102	34.3	2.0
9	7311.00	51.2 PK	74.0	-22.8	3.67 V	151	42.8	8.4
10	7311.00	37.7 AV	54.0	-16.3	3.67 V	151	29.3	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	103.1 PK			1.43 H	360	105.7	-2.6
2	*2457.00	93.2 AV			1.43 H	360	95.8	-2.6
3	2483.50	56.4 PK	74.0	-17.6	1.43 H	360	58.8	-2.4
4	2483.50	41.1 AV	54.0	-12.9	1.43 H	360	43.5	-2.4
5	4914.00	50.0 PK	74.0	-24.0	1.74 H	88	48.0	2.0
6	4914.00	36.6 AV	54.0	-17.4	1.74 H	88	34.6	2.0
7	7371.00	50.6 PK	74.0	-23.4	3.47 H	124	42.0	8.6
8	7371.00	37.3 AV	54.0	-16.7	3.47 H	124	28.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	110.8 PK			1.13 V	186	113.4	-2.6
2	*2457.00	101.0 AV			1.13 V	186	103.6	-2.6
3	2483.50	61.0 PK	74.0	-13.0	1.13 V	186	63.4	-2.4
4	2483.50	47.9 AV	54.0	-6.1	1.13 V	186	50.3	-2.4
5	4914.00	49.0 PK	74.0	-25.0	1.73 V	123	47.0	2.0
6	4914.00	36.3 AV	54.0	-17.7	1.73 V	123	34.3	2.0
7	7371.00	50.8 PK	74.0	-23.2	2.01 V	77	42.2	8.6
8	7371.00	37.4 AV	54.0	-16.6	2.01 V	77	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	101.8 PK			1.45 H	360	104.4	-2.6
2	*2462.00	91.7 AV			1.45 H	360	94.3	-2.6
3	2483.50	55.5 PK	74.0	-18.5	1.45 H	360	57.9	-2.4
4	2483.50	40.5 AV	54.0	-13.5	1.45 H	360	42.9	-2.4
5	4924.00	48.7 PK	74.0	-25.3	1.79 H	110	46.7	2.0
6	4924.00	35.9 AV	54.0	-18.1	1.79 H	110	33.9	2.0
7	7386.00	51.5 PK	74.0	-22.5	3.39 H	125	42.9	8.6
8	7386.00	38.0 AV	54.0	-16.0	3.39 H	125	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	109.5 PK			1.06 V	187	112.1	-2.6
2	*2462.00	99.4 AV			1.06 V	187	102.0	-2.6
3	2483.50	60.9 PK	74.0	-13.1	1.06 V	187	63.3	-2.4
4	2483.50	47.7 AV	54.0	-6.3	1.06 V	187	50.1	-2.4
5	4924.00	49.7 PK	74.0	-24.3	1.60 V	116	47.7	2.0
6	4924.00	36.7 AV	54.0	-17.3	1.60 V	116	34.7	2.0
7	7386.00	51.0 PK	74.0	-23.0	3.70 V	158	42.4	8.6
8	7386.00	37.7 AV	54.0	-16.3	3.70 V	158	29.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	99.5 PK			1.36 H	360	102.0	-2.5
2	*2467.00	89.3 AV			1.36 H	360	91.8	-2.5
3	2483.50	56.3 PK	74.0	-17.7	1.36 H	360	58.7	-2.4
4	2483.50	41.0 AV	54.0	-13.0	1.36 H	360	43.4	-2.4
5	4934.00	48.6 PK	74.0	-25.4	1.72 H	86	46.6	2.0
6	4934.00	35.8 AV	54.0	-18.2	1.72 H	86	33.8	2.0
7	7401.00	51.2 PK	74.0	-22.8	3.45 H	129	42.6	8.6
8	7401.00	38.0 AV	54.0	-16.0	3.45 H	129	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	107.2 PK			1.08 V	186	109.7	-2.5
2	*2467.00	97.0 AV			1.08 V	186	99.5	-2.5
3	2483.50	61.4 PK	74.0	-12.6	1.08 V	186	63.8	-2.4
4	2483.50	48.1 AV	54.0	-5.9	1.08 V	186	50.5	-2.4
5	4934.00	49.6 PK	74.0	-24.4	1.60 V	132	47.6	2.0
6	4934.00	36.5 AV	54.0	-17.5	1.60 V	132	34.5	2.0
7	7401.00	50.7 PK	74.0	-23.3	3.69 V	152	42.1	8.6
8	7401.00	37.1 AV	54.0	-16.9	3.69 V	152	28.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	96.4 PK			1.47 H	360	98.9	-2.5
2	*2472.00	86.3 AV			1.47 H	360	88.8	-2.5
3	2483.50	55.7 PK	74.0	-18.3	1.47 H	360	58.1	-2.4
4	2483.50	40.4 AV	54.0	-13.6	1.47 H	360	42.8	-2.4
5	4944.00	49.2 PK	74.0	-24.8	1.80 H	86	47.1	2.1
6	4944.00	36.0 AV	54.0	-18.0	1.80 H	86	33.9	2.1
7	7416.00	51.4 PK	74.0	-22.6	3.47 H	135	42.8	8.6
8	7416.00	38.0 AV	54.0	-16.0	3.47 H	135	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	104.2 PK			1.16 V	96	106.7	-2.5
2	*2472.00	94.0 AV			1.16 V	96	96.5	-2.5
3	2483.50	70.4 PK	74.0	-3.6	1.16 V	96	72.8	-2.4
4	2483.50	46.4 AV	54.0	-7.6	1.16 V	96	48.8	-2.4
5	4944.00	49.4 PK	74.0	-24.6	1.75 V	118	47.3	2.1
6	4944.00	36.2 AV	54.0	-17.8	1.75 V	118	34.1	2.1
7	7416.00	51.0 PK	74.0	-23.0	1.98 V	93	42.4	8.6
8	7416.00	37.5 AV	54.0	-16.5	1.98 V	93	28.9	8.6

**REMARKS:**

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

**VHT40**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.2 PK	74.0	-17.8	1.44 H	360	58.4	-2.2
2	2390.00	40.9 AV	54.0	-13.1	1.44 H	360	43.1	-2.2
3	*2422.00	96.8 PK			1.44 H	360	99.3	-2.5
4	*2422.00	86.7 AV			1.44 H	360	89.2	-2.5
5	4844.00	48.9 PK	74.0	-25.1	1.79 H	83	47.1	1.8
6	4844.00	35.8 AV	54.0	-18.2	1.79 H	83	34.0	1.8
7	7266.00	51.4 PK	74.0	-22.6	3.44 H	142	43.2	8.2
8	7266.00	38.1 AV	54.0	-15.9	3.44 H	142	29.9	8.2

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	65.8 PK	74.0	-8.2	1.14 V	97	68.0	-2.2
2	2390.00	49.1 AV	54.0	-4.9	1.14 V	97	51.3	-2.2
3	*2422.00	104.4 PK			1.14 V	97	106.9	-2.5
4	*2422.00	94.9 AV			1.14 V	97	97.4	-2.5
5	4844.00	49.0 PK	74.0	-25.0	1.62 V	120	47.2	1.8
6	4844.00	36.1 AV	54.0	-17.9	1.62 V	120	34.3	1.8
7	7266.00	50.5 PK	74.0	-23.5	3.68 V	154	42.3	8.2
8	7266.00	37.0 AV	54.0	-17.0	3.68 V	154	28.8	8.2

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 4	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.4 PK	74.0	-17.6	1.47 H	360	58.6	-2.2
2	2390.00	41.1 AV	54.0	-12.9	1.47 H	360	43.3	-2.2
3	*2427.00	96.9 PK			1.47 H	360	99.4	-2.5
4	*2427.00	86.8 AV			1.47 H	360	89.3	-2.5
5	4854.00	49.7 PK	74.0	-24.3	1.70 H	101	47.8	1.9
6	4854.00	36.3 AV	54.0	-17.7	1.70 H	101	34.4	1.9
7	7281.00	51.4 PK	74.0	-22.6	3.45 H	123	43.1	8.3
8	7281.00	37.9 AV	54.0	-16.1	3.45 H	123	29.6	8.3

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.0 PK	74.0	-8.0	1.19 V	103	68.2	-2.2
2	2390.00	49.3 AV	54.0	-4.7	1.19 V	103	51.5	-2.2
3	*2427.00	104.6 PK			1.19 V	103	107.1	-2.5
4	*2427.00	94.7 AV			1.19 V	103	97.2	-2.5
5	4854.00	49.3 PK	74.0	-24.7	1.66 V	114	47.4	1.9
6	4854.00	36.6 AV	54.0	-17.4	1.66 V	114	34.7	1.9
7	7281.00	51.0 PK	74.0	-23.0	3.66 V	161	42.7	8.3
8	7281.00	37.4 AV	54.0	-16.6	3.66 V	161	29.1	8.3

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.6 PK	74.0	-18.4	1.42 H	360	57.8	-2.2
2	2390.00	40.6 AV	54.0	-13.4	1.42 H	360	42.8	-2.2
3	*2437.00	99.8 PK			1.42 H	360	102.4	-2.6
4	*2437.00	91.5 AV			1.42 H	360	94.1	-2.6
5	2483.50	57.8 PK	74.0	-16.2	1.42 H	360	60.2	-2.4
6	2483.50	42.2 AV	54.0	-11.8	1.42 H	360	44.6	-2.4
7	4874.00	49.5 PK	74.0	-24.5	1.79 H	89	47.5	2.0
8	4874.00	36.6 AV	54.0	-17.4	1.79 H	89	34.6	2.0
9	7311.00	51.2 PK	74.0	-22.8	3.43 H	149	42.8	8.4
10	7311.00	37.6 AV	54.0	-16.4	3.43 H	149	29.2	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.8 PK	74.0	-10.2	1.15 V	102	66.0	-2.2
2	2390.00	50.1 AV	54.0	-3.9	1.15 V	102	52.3	-2.2
3	*2437.00	107.8 PK			1.15 V	102	110.4	-2.6
4	*2437.00	99.0 AV			1.15 V	102	101.6	-2.6
5	2483.50	67.6 PK	74.0	-6.4	1.15 V	102	70.0	-2.4
6	2483.50	51.9 AV	54.0	-2.1	1.15 V	102	54.3	-2.4
7	4874.00	49.6 PK	74.0	-24.4	1.55 V	106	47.6	2.0
8	4874.00	36.2 AV	54.0	-17.8	1.55 V	106	34.2	2.0
9	7311.00	50.8 PK	74.0	-23.2	3.70 V	152	42.4	8.4
10	7311.00	37.1 AV	54.0	-16.9	3.70 V	152	28.7	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 8	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2447.00	98.6 PK			1.45 H	360	101.2	-2.6
2	*2447.00	88.1 AV			1.45 H	360	90.7	-2.6
3	2483.50	56.0 PK	74.0	-18.0	1.45 H	360	58.4	-2.4
4	2483.50	40.7 AV	54.0	-13.3	1.45 H	360	43.1	-2.4
5	4894.00	48.7 PK	74.0	-25.3	1.81 H	104	46.6	2.1
6	4894.00	35.8 AV	54.0	-18.2	1.81 H	104	33.7	2.1
7	7341.00	50.8 PK	74.0	-23.2	3.39 H	123	42.2	8.6
8	7341.00	37.5 AV	54.0	-16.5	3.39 H	123	28.9	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2447.00	105.7 PK			1.16 V	116	108.3	-2.6
2	*2447.00	96.1 AV			1.16 V	116	98.7	-2.6
3	2483.50	66.2 PK	74.0	-7.8	1.16 V	116	68.6	-2.4
4	2483.50	49.4 AV	54.0	-4.6	1.16 V	116	51.8	-2.4
5	4894.00	49.4 PK	74.0	-24.6	1.59 V	132	47.3	2.1
6	4894.00	36.6 AV	54.0	-17.4	1.59 V	132	34.5	2.1
7	7341.00	50.7 PK	74.0	-23.3	3.69 V	159	42.1	8.6
8	7341.00	37.2 AV	54.0	-16.8	3.69 V	159	28.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	98.4 PK			1.47 H	360	101.0	-2.6
2	*2452.00	87.9 AV			1.47 H	360	90.5	-2.6
3	2483.50	56.2 PK	74.0	-17.8	1.47 H	360	58.6	-2.4
4	2483.50	41.2 AV	54.0	-12.8	1.47 H	360	43.6	-2.4
5	4904.00	49.1 PK	74.0	-24.9	1.73 H	109	47.1	2.0
6	4904.00	36.0 AV	54.0	-18.0	1.73 H	109	34.0	2.0
7	7356.00	51.2 PK	74.0	-22.8	3.40 H	144	42.6	8.6
8	7356.00	38.0 AV	54.0	-16.0	3.40 H	144	29.4	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	106.2 PK			1.14 V	95	108.8	-2.6
2	*2452.00	96.2 AV			1.14 V	95	98.8	-2.6
3	2483.50	66.1 PK	74.0	-7.9	1.14 V	95	68.5	-2.4
4	2483.50	49.4 AV	54.0	-4.6	1.14 V	95	51.8	-2.4
5	4904.00	49.3 PK	74.0	-24.7	1.73 V	108	47.3	2.0
6	4904.00	36.4 AV	54.0	-17.6	1.73 V	108	34.4	2.0
7	7356.00	51.4 PK	74.0	-22.6	1.98 V	89	42.8	8.6
8	7356.00	38.0 AV	54.0	-16.0	1.98 V	89	29.4	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	94.9 PK			1.40 H	360	97.5	-2.6
2	*2457.00	85.8 AV			1.40 H	360	88.4	-2.6
3	2483.50	55.3 PK	74.0	-18.7	1.40 H	360	57.7	-2.4
4	2483.50	40.3 AV	54.0	-13.7	1.40 H	360	42.7	-2.4
5	4914.00	48.7 PK	74.0	-25.3	1.72 H	101	46.7	2.0
6	4914.00	35.8 AV	54.0	-18.2	1.72 H	101	33.8	2.0
7	7371.00	51.7 PK	74.0	-22.3	3.40 H	149	43.1	8.6
8	7371.00	38.2 AV	54.0	-15.8	3.40 H	149	29.6	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	102.7 PK			1.12 V	99	105.3	-2.6
2	*2457.00	93.5 AV			1.12 V	99	96.1	-2.6
3	2483.50	65.1 PK	74.0	-8.9	1.12 V	99	67.5	-2.4
4	2483.50	48.9 AV	54.0	-5.1	1.12 V	99	51.3	-2.4
5	4914.00	49.7 PK	74.0	-24.3	1.73 V	125	47.7	2.0
6	4914.00	36.7 AV	54.0	-17.3	1.73 V	125	34.7	2.0
7	7371.00	51.3 PK	74.0	-22.7	1.98 V	109	42.7	8.6
8	7371.00	37.9 AV	54.0	-16.1	1.98 V	109	29.3	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	92.7 PK			1.37 H	360	95.3	-2.6
2	*2462.00	83.1 AV			1.37 H	360	85.7	-2.6
3	2483.50	56.4 PK	74.0	-17.6	1.37 H	360	58.8	-2.4
4	2483.50	40.9 AV	54.0	-13.1	1.37 H	360	43.3	-2.4
5	4924.00	49.4 PK	74.0	-24.6	1.74 H	84	47.4	2.0
6	4924.00	36.5 AV	54.0	-17.5	1.74 H	84	34.5	2.0
7	7386.00	51.0 PK	74.0	-23.0	3.46 H	146	42.4	8.6
8	7386.00	37.5 AV	54.0	-16.5	3.46 H	146	28.9	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	99.5 PK			1.18 V	96	102.1	-2.6
2	*2462.00	90.7 AV			1.18 V	96	93.3	-2.6
3	2483.50	70.8 PK	74.0	-3.2	1.18 V	96	73.2	-2.4
4	2483.50	48.3 AV	54.0	-5.7	1.18 V	96	50.7	-2.4
5	4924.00	48.9 PK	74.0	-25.1	1.71 V	112	46.9	2.0
6	4924.00	36.0 AV	54.0	-18.0	1.71 V	112	34.0	2.0
7	7386.00	51.1 PK	74.0	-22.9	2.05 V	100	42.5	8.6
8	7386.00	37.7 AV	54.0	-16.3	2.05 V	100	29.1	8.6

**REMARKS:**

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

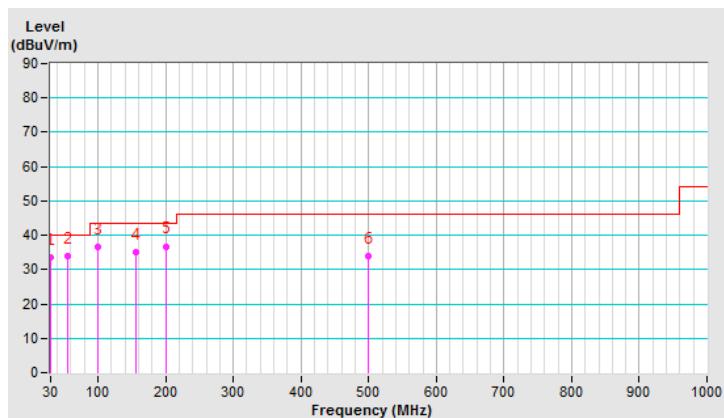
**Below 1GHz Data:**
**802.11g**

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	30.34	33.4 QP	40.0	-6.6	1.25 H	195	42.4	-9.0
2	54.35	33.8 QP	40.0	-6.2	1.75 H	100	41.7	-7.9
3	99.65	36.5 QP	43.5	-7.0	1.65 H	211	48.8	-12.3
4	156.85	35.1 QP	43.5	-8.4	1.45 H	211	42.6	-7.5
5	201.10	36.8 QP	43.5	-6.7	1.65 H	300	47.9	-11.1
6	499.52	33.9 QP	46.0	-12.1	1.00 H	145	35.7	-1.8

**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 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.

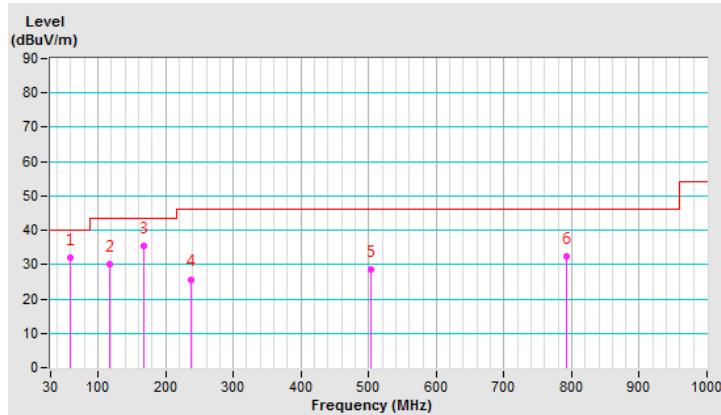


<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	58.75	32.1 QP	40.0	-7.9	1.45 V	199	40.3	-8.2
2	117.74	30.1 QP	43.5	-13.4	1.28 V	136	40.1	-10.0
3	166.85	35.4 QP	43.5	-8.1	1.74 V	165	43.5	-8.1
4	236.75	25.7 QP	46.0	-20.3	1.45 V	165	35.3	-9.6
5	502.75	28.4 QP	46.0	-17.6	1.43 V	177	30.1	-1.7
6	791.72	32.4 QP	46.0	-13.6	1.44 V	244	28.6	3.8

**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 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.



**1TX Mode**
**Above 1GHz Data:**
**802.11b**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.8 PK	74.0	-18.2	1.42 H	360	58.0	-2.2
2	2390.00	40.2 AV	54.0	-13.8	1.42 H	360	42.4	-2.2
3	*2412.00	99.2 PK			1.42 H	360	101.6	-2.4
4	*2412.00	96.7 AV			1.42 H	360	99.1	-2.4
5	4824.00	49.7 PK	74.0	-24.3	2.12 H	107	47.9	1.8
6	4824.00	36.7 AV	54.0	-17.3	2.12 H	107	34.9	1.8
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.2 PK	74.0	-11.8	1.00 V	96	64.4	-2.2
2	2390.00	47.7 AV	54.0	-6.3	1.00 V	96	49.9	-2.2
3	*2412.00	106.9 PK			1.00 V	96	109.3	-2.4
4	*2412.00	104.6 AV			1.00 V	96	107.0	-2.4
5	4824.00	48.8 PK	74.0	-25.2	1.64 V	99	47.0	1.8
6	4824.00	36.0 AV	54.0	-18.0	1.64 V	99	34.2	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>		Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz			Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.5 PK	74.0	-18.5	1.39 H	360	57.7	-2.2
2	2390.00	40.2 AV	54.0	-13.8	1.39 H	360	42.4	-2.2
3	*2437.00	101.9 PK			1.39 H	360	104.5	-2.6
4	*2437.00	99.6 AV			1.39 H	360	102.2	-2.6
5	2483.50	55.7 PK	74.0	-18.3	1.39 H	360	58.1	-2.4
6	2483.50	40.1 AV	54.0	-13.9	1.39 H	360	42.5	-2.4
7	4874.00	49.2 PK	74.0	-24.8	2.11 H	124	47.2	2.0
8	4874.00	36.6 AV	54.0	-17.4	2.11 H	124	34.6	2.0
9	7311.00	49.4 PK	74.0	-24.6	2.42 H	232	41.0	8.4
10	7311.00	38.8 AV	54.0	-15.2	2.42 H	232	30.4	8.4
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.8 PK	74.0	-12.2	1.00 V	97	64.0	-2.2
2	2390.00	47.3 AV	54.0	-6.7	1.00 V	97	49.5	-2.2
3	*2437.00	109.9 PK			1.00 V	97	112.5	-2.6
4	*2437.00	107.6 AV			1.00 V	97	110.2	-2.6
5	2483.50	61.2 PK	74.0	-12.8	1.00 V	97	63.6	-2.4
6	2483.50	47.6 AV	54.0	-6.4	1.00 V	97	50.0	-2.4
7	4874.00	49.3 PK	74.0	-24.7	1.67 V	94	47.3	2.0
8	4874.00	36.1 AV	54.0	-17.9	1.67 V	94	34.1	2.0
9	7311.00	53.2 PK	74.0	-20.8	3.59 V	163	44.8	8.4
10	7311.00	46.6 AV	54.0	-7.4	3.59 V	163	38.2	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	100.3 PK			1.41 H	360	102.9	-2.6
2	*2462.00	98.0 AV			1.41 H	360	100.6	-2.6
3	2483.50	56.4 PK	74.0	-17.6	1.41 H	360	58.8	-2.4
4	2483.50	40.7 AV	54.0	-13.3	1.41 H	360	43.1	-2.4
5	4924.00	49.3 PK	74.0	-24.7	2.16 H	125	47.3	2.0
6	4924.00	36.4 AV	54.0	-17.6	2.16 H	125	34.4	2.0
7	7386.00	48.7 PK	74.0	-25.3	2.48 H	257	40.1	8.6
8	7386.00	38.6 AV	54.0	-15.4	2.48 H	257	30.0	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	108.5 PK			1.00 V	95	111.1	-2.6
2	*2462.00	106.1 AV			1.00 V	95	108.7	-2.6
3	2483.50	62.0 PK	74.0	-12.0	1.00 V	95	64.4	-2.4
4	2483.50	48.1 AV	54.0	-5.9	1.00 V	95	50.5	-2.4
5	4924.00	47.9 PK	74.0	-26.1	1.61 V	89	45.9	2.0
6	4924.00	35.2 AV	54.0	-18.8	1.61 V	89	33.2	2.0
7	7386.00	51.2 PK	74.0	-22.8	3.58 V	150	42.6	8.6
8	7386.00	44.2 AV	54.0	-9.8	3.58 V	150	35.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	96.1 PK			1.38 H	360	98.6	-2.5
2	*2467.00	93.7 AV			1.38 H	360	96.2	-2.5
3	2483.50	55.2 PK	74.0	-18.8	1.38 H	360	57.6	-2.4
4	2483.50	39.9 AV	54.0	-14.1	1.38 H	360	42.3	-2.4
5	4934.00	50.2 PK	74.0	-23.8	2.19 H	118	48.2	2.0
6	4934.00	37.2 AV	54.0	-16.8	2.19 H	118	35.2	2.0
7	7401.00	49.4 PK	74.0	-24.6	2.46 H	235	40.8	8.6
8	7401.00	39.0 AV	54.0	-15.0	2.46 H	235	30.4	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	104.2 PK			1.00 V	98	106.7	-2.5
2	*2467.00	101.8 AV			1.00 V	98	104.3	-2.5
3	2483.50	61.7 PK	74.0	-12.3	1.00 V	98	64.1	-2.4
4	2483.50	47.8 AV	54.0	-6.2	1.00 V	98	50.2	-2.4
5	4934.00	48.4 PK	74.0	-25.6	1.63 V	84	46.4	2.0
6	4934.00	35.6 AV	54.0	-18.4	1.63 V	84	33.6	2.0
7	7401.00	51.1 PK	74.0	-22.9	2.04 V	79	42.5	8.6
8	7401.00	37.7 AV	54.0	-16.3	2.04 V	79	29.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	90.4 PK			1.47 H	360	92.9	-2.5
2	*2472.00	88.0 AV			1.47 H	360	90.5	-2.5
3	2483.50	58.9 PK	74.0	-15.1	1.47 H	360	61.3	-2.4
4	2483.50	45.8 AV	54.0	-8.2	1.47 H	360	48.2	-2.4
5	4944.00	50.2 PK	74.0	-23.8	2.20 H	96	48.1	2.1
6	4944.00	37.2 AV	54.0	-16.8	2.20 H	96	35.1	2.1
7	7416.00	49.1 PK	74.0	-24.9	2.45 H	231	40.5	8.6
8	7416.00	38.6 AV	54.0	-15.4	2.45 H	231	30.0	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	98.3 PK			1.04 V	93	100.8	-2.5
2	*2472.00	96.1 AV			1.04 V	93	98.6	-2.5
3	2483.50	65.6 PK	74.0	-8.4	1.04 V	93	68.0	-2.4
4	2483.50	52.1 AV	54.0	-1.9	1.04 V	93	54.5	-2.4
5	4944.00	48.1 PK	74.0	-25.9	1.62 V	69	46.0	2.1
6	4944.00	35.4 AV	54.0	-18.6	1.62 V	69	33.3	2.1
7	7416.00	51.4 PK	74.0	-22.6	2.08 V	80	42.8	8.6
8	7416.00	38.1 AV	54.0	-15.9	2.08 V	80	29.5	8.6

**REMARKS:**

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

**802.11g**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.6 PK	74.0	-17.4	1.47 H	360	58.8	-2.2
2	2390.00	40.7 AV	54.0	-13.3	1.47 H	360	42.9	-2.2
3	*2412.00	97.5 PK			1.47 H	360	99.9	-2.4
4	*2412.00	86.1 AV			1.47 H	360	88.5	-2.4
5	4824.00	49.6 PK	74.0	-24.4	1.72 H	113	47.8	1.8
6	4824.00	36.7 AV	54.0	-17.3	1.72 H	113	34.9	1.8

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.0 PK	74.0	-12.0	1.00 V	89	64.2	-2.2
2	2390.00	48.2 AV	54.0	-5.8	1.00 V	89	50.4	-2.2
3	*2412.00	105.2 PK			1.00 V	89	107.6	-2.4
4	*2412.00	94.2 AV			1.00 V	89	96.6	-2.4
5	4824.00	48.5 PK	74.0	-25.5	1.78 V	123	46.7	1.8
6	4824.00	35.6 AV	54.0	-18.4	1.78 V	123	33.8	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.4 PK	74.0	-17.6	1.39 H	360	58.6	-2.2
2	2390.00	40.6 AV	54.0	-13.4	1.39 H	360	42.8	-2.2
3	*2417.00	99.5 PK			1.39 H	360	101.9	-2.4
4	*2417.00	88.5 AV			1.39 H	360	90.9	-2.4
5	4834.00	49.3 PK	74.0	-24.7	1.66 H	111	47.5	1.8
6	4834.00	36.2 AV	54.0	-17.8	1.66 H	111	34.4	1.8
7	7251.00	51.0 PK	74.0	-23.0	3.44 H	113	42.9	8.1
8	7251.00	37.8 AV	54.0	-16.2	3.44 H	113	29.7	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.3 PK	74.0	-11.7	1.00 V	91	64.5	-2.2
2	2390.00	48.7 AV	54.0	-5.3	1.00 V	91	50.9	-2.2
3	*2417.00	107.4 PK			1.00 V	91	109.8	-2.4
4	*2417.00	96.4 AV			1.00 V	91	98.8	-2.4
5	4834.00	48.5 PK	74.0	-25.5	1.80 V	115	46.7	1.8
6	4834.00	35.8 AV	54.0	-18.2	1.80 V	115	34.0	1.8
7	7251.00	50.3 PK	74.0	-23.7	2.06 V	81	42.2	8.1
8	7251.00	37.0 AV	54.0	-17.0	2.06 V	81	28.9	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.7 PK	74.0	-18.3	1.45 H	360	57.9	-2.2
2	2390.00	39.8 AV	54.0	-14.2	1.45 H	360	42.0	-2.2
3	*2437.00	96.9 PK			1.45 H	360	99.5	-2.6
4	*2437.00	85.1 AV			1.45 H	360	87.7	-2.6
5	2483.50	56.2 PK	74.0	-17.8	1.45 H	360	58.6	-2.4
6	2483.50	40.7 AV	54.0	-13.3	1.45 H	360	43.1	-2.4
7	4874.00	49.6 PK	74.0	-24.4	1.76 H	127	47.6	2.0
8	4874.00	36.8 AV	54.0	-17.2	1.76 H	127	34.8	2.0
9	7311.00	50.7 PK	74.0	-23.3	3.46 H	139	42.3	8.4
10	7311.00	37.5 AV	54.0	-16.5	3.46 H	139	29.1	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	1.00 V	96	63.6	-2.2
2	2390.00	47.8 AV	54.0	-6.2	1.00 V	96	50.0	-2.2
3	*2437.00	112.7 PK			1.00 V	96	115.3	-2.6
4	*2437.00	94.0 AV			1.00 V	96	96.6	-2.6
5	2483.50	63.9 PK	74.0	-10.1	1.00 V	96	66.3	-2.4
6	2483.50	47.8 AV	54.0	-6.2	1.00 V	96	50.2	-2.4
7	4874.00	49.0 PK	74.0	-25.0	1.79 V	101	47.0	2.0
8	4874.00	36.2 AV	54.0	-17.8	1.79 V	101	34.2	2.0
9	7311.00	50.9 PK	74.0	-23.1	2.04 V	83	42.5	8.4
10	7311.00	37.4 AV	54.0	-16.6	2.04 V	83	29.0	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	99.8 PK			1.46 H	360	102.4	-2.6
2	*2457.00	88.1 AV			1.46 H	360	90.7	-2.6
3	2483.50	55.8 PK	74.0	-18.2	1.46 H	360	58.2	-2.4
4	2483.50	40.0 AV	54.0	-14.0	1.46 H	360	42.4	-2.4
5	4914.00	50.0 PK	74.0	-24.0	1.78 H	99	48.0	2.0
6	4914.00	37.2 AV	54.0	-16.8	1.78 H	99	35.2	2.0
7	7371.00	51.3 PK	74.0	-22.7	3.44 H	136	42.7	8.6
8	7371.00	38.1 AV	54.0	-15.9	3.44 H	136	29.5	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.2 PK			1.05 V	94	110.8	-2.6
2	*2457.00	97.2 AV			1.05 V	94	99.8	-2.6
3	2483.50	61.5 PK	74.0	-12.5	1.05 V	94	63.9	-2.4
4	2483.50	47.9 AV	54.0	-6.1	1.05 V	94	50.3	-2.4
5	4914.00	48.7 PK	74.0	-25.3	1.82 V	115	46.7	2.0
6	4914.00	35.7 AV	54.0	-18.3	1.82 V	115	33.7	2.0
7	7371.00	50.3 PK	74.0	-23.7	2.07 V	101	41.7	8.6
8	7371.00	36.6 AV	54.0	-17.4	2.07 V	101	28.0	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	97.8 PK			1.41 H	360	100.4	-2.6
2	*2462.00	86.4 AV			1.41 H	360	89.0	-2.6
3	2483.50	55.3 PK	74.0	-18.7	1.41 H	360	57.7	-2.4
4	2483.50	39.9 AV	54.0	-14.1	1.41 H	360	42.3	-2.4
5	4924.00	49.1 PK	74.0	-24.9	1.78 H	123	47.1	2.0
6	4924.00	36.4 AV	54.0	-17.6	1.78 H	123	34.4	2.0
7	7386.00	51.2 PK	74.0	-22.8	3.48 H	137	42.6	8.6
8	7386.00	37.7 AV	54.0	-16.3	3.48 H	137	29.1	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	106.5 PK			1.00 V	90	109.1	-2.6
2	*2462.00	95.5 AV			1.00 V	90	98.1	-2.6
3	2483.50	62.0 PK	74.0	-12.0	1.00 V	90	64.4	-2.4
4	2483.50	48.0 AV	54.0	-6.0	1.00 V	90	50.4	-2.4
5	4924.00	48.8 PK	74.0	-25.2	1.74 V	120	46.8	2.0
6	4924.00	35.8 AV	54.0	-18.2	1.74 V	120	33.8	2.0
7	7386.00	50.1 PK	74.0	-23.9	2.03 V	71	41.5	8.6
8	7386.00	37.2 AV	54.0	-16.8	2.03 V	71	28.6	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	95.9 PK			1.43 H	360	98.4	-2.5
2	*2467.00	84.9 AV			1.43 H	360	87.4	-2.5
3	2483.50	56.1 PK	74.0	-17.9	1.43 H	360	58.5	-2.4
4	2483.50	40.5 AV	54.0	-13.5	1.43 H	360	42.9	-2.4
5	4934.00	49.5 PK	74.0	-24.5	1.71 H	128	47.5	2.0
6	4934.00	36.4 AV	54.0	-17.6	1.71 H	128	34.4	2.0
7	7401.00	51.5 PK	74.0	-22.5	3.51 H	126	42.9	8.6
8	7401.00	38.1 AV	54.0	-15.9	3.51 H	126	29.5	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	103.9 PK			1.00 V	95	106.4	-2.5
2	*2467.00	93.1 AV			1.00 V	95	95.6	-2.5
3	2483.50	62.0 PK	74.0	-12.0	1.03 V	95	64.4	-2.4
4	2483.50	48.5 AV	54.0	-5.5	1.03 V	95	50.9	-2.4
5	4934.00	49.3 PK	74.0	-24.7	1.80 V	119	47.3	2.0
6	4934.00	36.4 AV	54.0	-17.6	1.80 V	119	34.4	2.0
7	7401.00	50.1 PK	74.0	-23.9	2.03 V	84	41.5	8.6
8	7401.00	36.6 AV	54.0	-17.4	2.03 V	84	28.0	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	93.7 PK			1.36 H	360	96.2	-2.5
2	*2472.00	82.6 AV			1.36 H	360	85.1	-2.5
3	2483.50	55.4 PK	74.0	-18.6	1.36 H	360	57.8	-2.4
4	2483.50	39.9 AV	54.0	-14.1	1.36 H	360	42.3	-2.4
5	4944.00	48.9 PK	74.0	-25.1	1.70 H	116	46.8	2.1
6	4944.00	36.2 AV	54.0	-17.8	1.70 H	116	34.1	2.1
7	7416.00	50.9 PK	74.0	-23.1	3.39 H	124	42.3	8.6
8	7416.00	37.4 AV	54.0	-16.6	3.39 H	124	28.8	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	101.5 PK			1.02 V	96	104.0	-2.5
2	*2472.00	90.4 AV			1.02 V	96	92.9	-2.5
3	2483.50	65.2 PK	74.0	-8.8	1.02 V	96	67.6	-2.4
4	2483.50	49.5 AV	54.0	-4.5	1.02 V	96	51.9	-2.4
5	4944.00	48.7 PK	74.0	-25.3	1.76 V	112	46.6	2.1
6	4944.00	35.7 AV	54.0	-18.3	1.76 V	112	33.6	2.1
7	7416.00	50.1 PK	74.0	-23.9	2.03 V	71	41.5	8.6
8	7416.00	36.7 AV	54.0	-17.3	2.03 V	71	28.1	8.6

**REMARKS:**

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

**VHT20**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.3 PK	74.0	-18.7	1.39 H	360	57.5	-2.2
2	2390.00	39.8 AV	54.0	-14.2	1.39 H	360	42.0	-2.2
3	*2412.00	97.5 PK			1.39 H	360	99.9	-2.4
4	*2412.00	86.2 AV			1.39 H	360	88.6	-2.4
5	4824.00	50.1 PK	74.0	-23.9	1.77 H	99	48.3	1.8
6	4824.00	37.0 AV	54.0	-17.0	1.77 H	99	35.2	1.8

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.1 PK	74.0	-11.9	1.03 V	78	64.3	-2.2
2	2390.00	48.4 AV	54.0	-5.6	1.03 V	78	50.6	-2.2
3	*2412.00	105.1 PK			1.03 V	78	107.5	-2.4
4	*2412.00	94.3 AV			1.03 V	78	96.7	-2.4
5	4824.00	48.7 PK	74.0	-25.3	1.80 V	130	46.9	1.8
6	4824.00	35.9 AV	54.0	-18.1	1.80 V	130	34.1	1.8

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 2	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.6 PK	74.0	-18.4	1.47 H	360	57.8	-2.2
2	2390.00	40.2 AV	54.0	-13.8	1.47 H	360	42.4	-2.2
3	*2417.00	99.2 PK			1.47 H	360	101.6	-2.4
4	*2417.00	88.9 AV			1.47 H	360	91.3	-2.4
5	4834.00	48.9 PK	74.0	-25.1	1.71 H	127	47.1	1.8
6	4834.00	36.3 AV	54.0	-17.7	1.71 H	127	34.5	1.8
7	7251.00	50.6 PK	74.0	-23.4	3.40 H	119	42.5	8.1
8	7251.00	37.6 AV	54.0	-16.4	3.40 H	119	29.5	8.1

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.7 PK	74.0	-12.3	1.02 V	79	63.9	-2.2
2	2390.00	47.9 AV	54.0	-6.1	1.02 V	79	50.1	-2.2
3	*2417.00	107.2 PK			1.02 V	79	109.6	-2.4
4	*2417.00	96.5 AV			1.02 V	79	98.9	-2.4
5	4834.00	49.0 PK	74.0	-25.0	1.74 V	116	47.2	1.8
6	4834.00	36.1 AV	54.0	-17.9	1.74 V	116	34.3	1.8
7	7251.00	50.8 PK	74.0	-23.2	2.06 V	94	42.7	8.1
8	7251.00	37.5 AV	54.0	-16.5	2.06 V	94	29.4	8.1

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.1 PK	74.0	-17.9	1.45 H	360	58.3	-2.2
2	2390.00	40.3 AV	54.0	-13.7	1.45 H	360	42.5	-2.2
3	*2437.00	105.1 PK			1.45 H	360	107.7	-2.6
4	*2437.00	93.8 AV			1.45 H	360	96.4	-2.6
5	2483.50	56.1 PK	74.0	-17.9	1.45 H	360	58.5	-2.4
6	2483.50	40.5 AV	54.0	-13.5	1.45 H	360	42.9	-2.4
7	4874.00	50.2 PK	74.0	-23.8	1.78 H	117	48.2	2.0
8	4874.00	37.1 AV	54.0	-16.9	1.78 H	117	35.1	2.0
9	7311.00	50.9 PK	74.0	-23.1	3.40 H	131	42.5	8.4
10	7311.00	38.0 AV	54.0	-16.0	3.40 H	131	29.6	8.4

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.3 PK	74.0	-12.7	1.02 V	86	63.5	-2.2
2	2390.00	47.8 AV	54.0	-6.2	1.02 V	86	50.0	-2.2
3	*2437.00	112.1 PK			1.02 V	86	114.7	-2.6
4	*2437.00	101.6 AV			1.02 V	86	104.2	-2.6
5	2483.50	63.5 PK	74.0	-10.5	1.02 V	86	65.9	-2.4
6	2483.50	47.9 AV	54.0	-6.1	1.02 V	86	50.3	-2.4
7	4874.00	48.7 PK	74.0	-25.3	1.79 V	102	46.7	2.0
8	4874.00	36.0 AV	54.0	-18.0	1.79 V	102	34.0	2.0
9	7311.00	51.2 PK	74.0	-22.8	2.06 V	90	42.8	8.4
10	7311.00	37.5 AV	54.0	-16.5	2.06 V	90	29.1	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	99.1 PK			1.46 H	360	101.7	-2.6
2	*2457.00	88.7 AV			1.46 H	360	91.3	-2.6
3	2483.50	55.8 PK	74.0	-18.2	1.46 H	360	58.2	-2.4
4	2483.50	40.2 AV	54.0	-13.8	1.46 H	360	42.6	-2.4
5	4914.00	49.6 PK	74.0	-24.4	1.74 H	126	47.6	2.0
6	4914.00	36.6 AV	54.0	-17.4	1.74 H	126	34.6	2.0
7	7371.00	50.7 PK	74.0	-23.3	3.45 H	117	42.1	8.6
8	7371.00	37.6 AV	54.0	-16.4	3.45 H	117	29.0	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	107.2 PK			1.03 V	86	109.8	-2.6
2	*2457.00	96.4 AV			1.03 V	86	99.0	-2.6
3	2483.50	62.8 PK	74.0	-11.2	1.03 V	86	65.2	-2.4
4	2483.50	48.7 AV	54.0	-5.3	1.03 V	86	51.1	-2.4
5	4914.00	48.8 PK	74.0	-25.2	1.82 V	122	46.8	2.0
6	4914.00	35.9 AV	54.0	-18.1	1.82 V	122	33.9	2.0
7	7371.00	50.5 PK	74.0	-23.5	2.05 V	75	41.9	8.6
8	7371.00	37.1 AV	54.0	-16.9	2.05 V	75	28.5	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	97.5 PK			1.37 H	360	100.1	-2.6
2	*2462.00	86.8 AV			1.37 H	360	89.4	-2.6
3	2483.50	56.1 PK	74.0	-17.9	1.37 H	360	58.5	-2.4
4	2483.50	40.5 AV	54.0	-13.5	1.37 H	360	42.9	-2.4
5	4924.00	49.3 PK	74.0	-24.7	1.74 H	99	47.3	2.0
6	4924.00	36.2 AV	54.0	-17.8	1.74 H	99	34.2	2.0
7	7386.00	50.7 PK	74.0	-23.3	3.40 H	116	42.1	8.6
8	7386.00	37.6 AV	54.0	-16.4	3.40 H	116	29.0	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	105.2 PK			1.01 V	75	107.8	-2.6
2	*2462.00	94.4 AV			1.01 V	75	97.0	-2.6
3	2483.50	61.8 PK	74.0	-12.2	1.01 V	75	64.2	-2.4
4	2483.50	47.8 AV	54.0	-6.2	1.01 V	75	50.2	-2.4
5	4924.00	49.6 PK	74.0	-24.4	1.72 V	125	47.6	2.0
6	4924.00	36.3 AV	54.0	-17.7	1.72 V	125	34.3	2.0
7	7386.00	51.1 PK	74.0	-22.9	2.00 V	87	42.5	8.6
8	7386.00	37.4 AV	54.0	-16.6	2.00 V	87	28.8	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 12	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	103.8 PK			1.39 H	360	106.3	-2.5
2	*2467.00	83.8 AV			1.39 H	360	86.3	-2.5
3	2483.50	55.6 PK	74.0	-18.4	1.39 H	360	58.0	-2.4
4	2483.50	40.1 AV	54.0	-13.9	1.39 H	360	42.5	-2.4
5	4934.00	49.4 PK	74.0	-24.6	1.67 H	97	47.4	2.0
6	4934.00	36.2 AV	54.0	-17.8	1.67 H	97	34.2	2.0
7	7401.00	51.0 PK	74.0	-23.0	3.48 H	129	42.4	8.6
8	7401.00	38.1 AV	54.0	-15.9	3.48 H	129	29.5	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	111.9 PK			1.00 V	82	114.4	-2.5
2	*2467.00	91.5 AV			1.00 V	82	94.0	-2.5
3	2483.50	61.8 PK	74.0	-12.2	1.00 V	82	64.2	-2.4
4	2483.50	47.8 AV	54.0	-6.2	1.00 V	82	50.2	-2.4
5	4934.00	49.1 PK	74.0	-24.9	1.74 V	131	47.1	2.0
6	4934.00	36.1 AV	54.0	-17.9	1.74 V	131	34.1	2.0
7	7401.00	50.2 PK	74.0	-23.8	2.05 V	81	41.6	8.6
8	7401.00	36.5 AV	54.0	-17.5	2.05 V	81	27.9	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 13	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	91.6 PK			1.43 H	360	94.1	-2.5
2	*2472.00	81.0 AV			1.43 H	360	83.5	-2.5
3	2483.50	55.2 PK	74.0	-18.8	1.43 H	360	57.6	-2.4
4	2483.50	39.8 AV	54.0	-14.2	1.43 H	360	42.2	-2.4
5	4944.00	49.2 PK	74.0	-24.8	1.72 H	107	47.1	2.1
6	4944.00	36.5 AV	54.0	-17.5	1.72 H	107	34.4	2.1
7	7416.00	50.5 PK	74.0	-23.5	3.49 H	127	41.9	8.6
8	7416.00	37.5 AV	54.0	-16.5	3.49 H	127	28.9	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	99.4 PK			1.02 V	96	101.9	-2.5
2	*2472.00	88.8 AV			1.02 V	96	91.3	-2.5
3	<b>2483.50</b>	<b>72.4 PK</b>	<b>74.0</b>	<b>-1.6</b>	<b>1.02 V</b>	<b>96</b>	<b>74.8</b>	<b>-2.4</b>
4	2483.50	46.9 AV	54.0	-7.1	1.02 V	96	49.3	-2.4
5	4944.00	48.8 PK	74.0	-25.2	1.77 V	116	46.7	2.1
6	4944.00	35.9 AV	54.0	-18.1	1.77 V	116	33.8	2.1
7	7416.00	50.3 PK	74.0	-23.7	2.03 V	93	41.7	8.6
8	7416.00	36.5 AV	54.0	-17.5	2.03 V	93	27.9	8.6

**REMARKS:**

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

**VHT40**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.8 PK	74.0	-18.2	1.39 H	360	58.0	-2.2
2	2390.00	40.2 AV	54.0	-13.8	1.39 H	360	42.4	-2.2
3	*2422.00	94.7 PK			1.39 H	360	97.2	-2.5
4	*2422.00	84.5 AV			1.39 H	360	87.0	-2.5
5	4844.00	50.1 PK	74.0	-23.9	1.68 H	126	48.3	1.8
6	4844.00	36.9 AV	54.0	-17.1	1.68 H	126	35.1	1.8
7	7266.00	50.5 PK	74.0	-23.5	3.41 H	142	42.3	8.2
8	7266.00	37.2 AV	54.0	-16.8	3.41 H	142	29.0	8.2

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.3 PK	74.0	-12.7	1.06 V	72	63.5	-2.2
2	2390.00	47.4 AV	54.0	-6.6	1.06 V	72	49.6	-2.2
3	*2422.00	102.5 PK			1.06 V	72	105.0	-2.5
4	*2422.00	92.4 AV			1.06 V	72	94.9	-2.5
5	4844.00	48.7 PK	74.0	-25.3	1.72 V	110	46.9	1.8
6	4844.00	35.7 AV	54.0	-18.3	1.72 V	110	33.9	1.8
7	7266.00	50.6 PK	74.0	-23.4	1.99 V	101	42.4	8.2
8	7266.00	37.0 AV	54.0	-17.0	1.99 V	101	28.8	8.2

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	55.8 PK	74.0	-18.2	1.43 H	360	58.0	-2.2
2	2390.00	39.9 AV	54.0	-14.1	1.43 H	360	42.1	-2.2
3	*2437.00	96.1 PK			1.43 H	360	98.7	-2.6
4	*2437.00	86.8 AV			1.43 H	360	89.4	-2.6
5	2483.50	55.8 PK	74.0	-18.2	1.43 H	360	58.2	-2.4
6	2483.50	40.2 AV	54.0	-13.8	1.43 H	360	42.6	-2.4
7	4874.00	49.2 PK	74.0	-24.8	1.71 H	112	47.2	2.0
8	4874.00	36.4 AV	54.0	-17.6	1.71 H	112	34.4	2.0
9	7311.00	51.3 PK	74.0	-22.7	3.42 H	138	42.9	8.4
10	7311.00	37.9 AV	54.0	-16.1	3.42 H	138	29.5	8.4

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	1.00 V	90	63.6	-2.2
2	2390.00	47.8 AV	54.0	-6.2	1.00 V	90	50.0	-2.2
3	*2437.00	104.3 PK			1.00 V	90	106.9	-2.6
4	*2437.00	94.7 AV			1.00 V	90	97.3	-2.6
5	2483.50	63.3 PK	74.0	-10.7	1.00 V	90	65.7	-2.4
6	2483.50	47.7 AV	54.0	-6.3	1.00 V	90	50.1	-2.4
7	4874.00	48.6 PK	74.0	-25.4	1.78 V	139	46.6	2.0
8	4874.00	35.6 AV	54.0	-18.4	1.78 V	139	33.6	2.0
9	7311.00	50.3 PK	74.0	-23.7	2.04 V	100	41.9	8.4
10	7311.00	36.8 AV	54.0	-17.2	2.04 V	100	28.4	8.4

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>		Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz			Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	93.4 PK			1.39 H	359	96.0	-2.6
2	*2452.00	83.5 AV			1.39 H	359	86.1	-2.6
3	2483.50	55.5 PK	74.0	-18.5	1.39 H	359	57.9	-2.4
4	2483.50	40.0 AV	54.0	-14.0	1.39 H	359	42.4	-2.4
5	4904.00	49.8 PK	74.0	-24.2	1.69 H	121	47.8	2.0
6	4904.00	36.8 AV	54.0	-17.2	1.69 H	121	34.8	2.0
7	7356.00	50.9 PK	74.0	-23.1	3.47 H	117	42.3	8.6
8	7356.00	37.8 AV	54.0	-16.2	3.47 H	117	29.2	8.6

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	101.3 PK			1.04 V	80	103.9	-2.6
2	*2452.00	91.3 AV			1.04 V	80	93.9	-2.6
3	2483.50	60.9 PK	74.0	-13.1	1.04 V	80	63.3	-2.4
4	2483.50	47.0 AV	54.0	-7.0	1.04 V	80	49.4	-2.4
5	4904.00	49.2 PK	74.0	-24.8	1.75 V	130	47.2	2.0
6	4904.00	35.9 AV	54.0	-18.1	1.75 V	130	33.9	2.0
7	7356.00	50.3 PK	74.0	-23.7	2.08 V	84	41.7	8.6
8	7356.00	36.7 AV	54.0	-17.3	2.08 V	84	28.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 10	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	90.1 PK			1.46 H	360	92.7	-2.6
2	*2457.00	80.5 AV			1.46 H	360	83.1	-2.6
3	2483.50	56.2 PK	74.0	-17.8	1.46 H	360	58.6	-2.4
4	2483.50	40.4 AV	54.0	-13.6	1.46 H	360	42.8	-2.4
5	4914.00	49.0 PK	74.0	-25.0	1.70 H	109	47.0	2.0
6	4914.00	36.3 AV	54.0	-17.7	1.70 H	109	34.3	2.0
7	7371.00	50.6 PK	74.0	-23.4	3.42 H	114	42.0	8.6
8	7371.00	37.3 AV	54.0	-16.7	3.42 H	114	28.7	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	98.1 PK			1.01 V	92	100.7	-2.6
2	*2457.00	88.2 AV			1.01 V	92	90.8	-2.6
3	2483.50	61.3 PK	74.0	-12.7	1.01 V	95	63.7	-2.4
4	2483.50	48.2 AV	54.0	-5.8	1.01 V	95	50.6	-2.4
5	4914.00	49.0 PK	74.0	-25.0	1.76 V	115	47.0	2.0
6	4914.00	35.9 AV	54.0	-18.1	1.76 V	115	33.9	2.0
7	7371.00	50.4 PK	74.0	-23.6	2.08 V	72	41.8	8.6
8	7371.00	36.7 AV	54.0	-17.3	2.08 V	72	28.1	8.6

**REMARKS:**

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

<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	89.7 PK			1.45 H	360	92.3	-2.6
2	*2462.00	79.9 AV			1.45 H	360	82.5	-2.6
3	2483.50	55.6 PK	74.0	-18.4	1.45 H	360	58.0	-2.4
4	2483.50	40.2 AV	54.0	-13.8	1.45 H	360	42.6	-2.4
5	4924.00	50.1 PK	74.0	-23.9	1.75 H	98	48.1	2.0
6	4924.00	36.9 AV	54.0	-17.1	1.75 H	98	34.9	2.0
7	7386.00	51.0 PK	74.0	-23.0	3.42 H	138	42.4	8.6
8	7386.00	37.6 AV	54.0	-16.4	3.42 H	138	29.0	8.6

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	97.5 PK			1.02 V	96	100.1	-2.6
2	*2462.00	87.3 AV			1.02 V	96	89.9	-2.6
3	2483.50	68.3 PK	74.0	-5.7	1.02 V	96	70.7	-2.4
4	2483.50	49.2 AV	54.0	-4.8	1.02 V	96	51.6	-2.4
5	4924.00	48.7 PK	74.0	-25.3	1.79 V	131	46.7	2.0
6	4924.00	35.7 AV	54.0	-18.3	1.79 V	131	33.7	2.0
7	7386.00	50.3 PK	74.0	-23.7	2.08 V	73	41.7	8.6
8	7386.00	37.0 AV	54.0	-17.0	2.08 V	73	28.4	8.6

**REMARKS:**

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

## 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	Nov. 01, 2017	Oct. 31, 2018
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Nov. 15, 2017	Nov. 14, 2018
Line-Impedance Stabilization Network (for Peripheral) R&S	ENV216	100072	June 04, 2018	June 03, 2019
50 ohms Terminator	N/A	EMC-04	Nov. 01, 2017	Oct. 31, 2018
RF Cable	5D-FB	COCCAB-001	Sep. 28, 2018	Sep. 27, 2019
Fixed attenuator EMCI	STI02-2200-10	003	Mar. 16, 2018	Mar. 15, 2019
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: Oct. 13, 2018

#### 4.2.3 Test Procedures

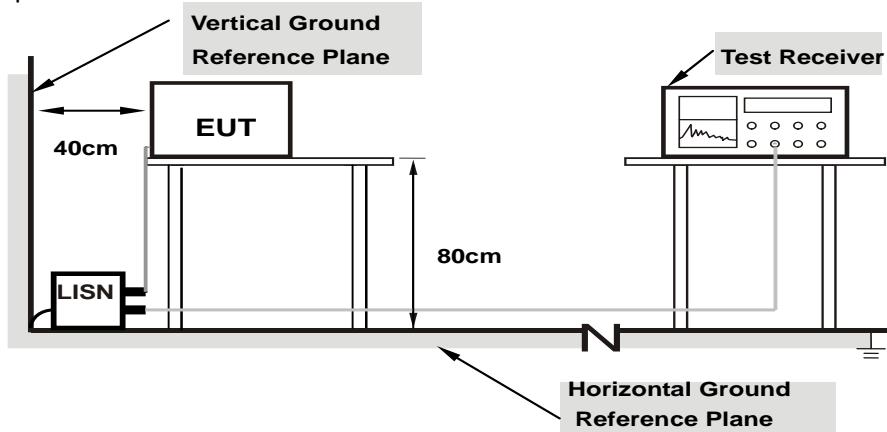
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) 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.

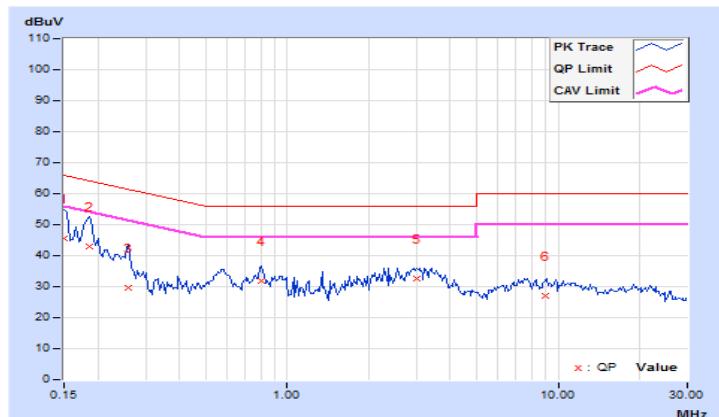
#### 4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr.	Reading Value	Emission Level		Limit		Margin		
		Factor	[dB (uV)]	[dB (uV)]	[dB (uV)]	[dB (uV)]	(dB)			
		(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	
1	0.15000	10.03	35.54	19.29	45.57	29.32	66.00	56.00	-20.43	-26.68
2	0.18516	10.05	33.03	16.45	43.08	26.50	64.25	54.25	-21.17	-27.75
3	0.25938	10.07	19.42	18.53	29.49	28.60	61.45	51.45	-31.96	-22.85
4	0.80234	10.14	21.79	10.99	31.93	21.13	56.00	46.00	-24.07	-24.87
5	3.01953	10.23	22.43	13.38	32.66	23.61	56.00	46.00	-23.34	-22.39
6	8.92578	10.49	16.60	9.75	27.09	20.24	60.00	50.00	-32.91	-29.76

#### 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.

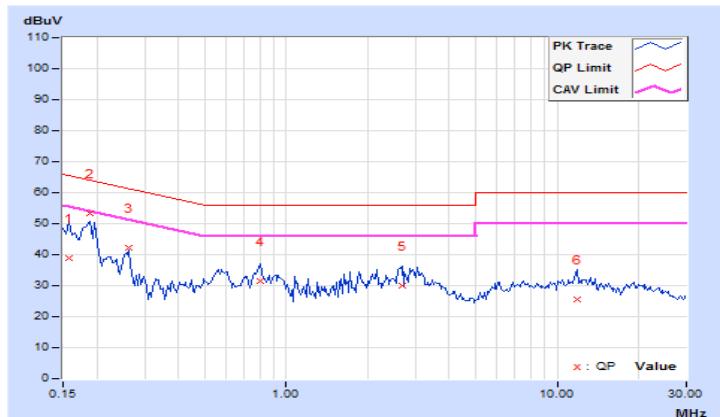


Phase	Neutral (N)		Detector Function		Quasi-Peak (QP) / Average (AV)	
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No	Freq. [MHz]	Corr.	Reading Value		Emission Level		Limit		Margin	
		Factor (dB)	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
		Q.P. (dB)	AV. (dB)	Q.P. (dB)	AV. (dB)	Q.P. (dB)	AV. (dB)	Q.P. (dB)	AV. (dB)	
1	0.15781	9.95	28.91	18.57	38.86	28.52	65.58	55.58	-26.72	-27.06
2	<b>0.18906</b>	<b>9.96</b>	<b>43.41</b>	<b>30.15</b>	<b>53.37</b>	<b>40.11</b>	<b>64.08</b>	<b>54.08</b>	<b>-10.71</b>	<b>-13.97</b>
3	0.26328	9.97	32.34	11.15	42.31	21.12	61.33	51.33	-19.02	-30.21
4	0.80234	10.02	21.37	11.67	31.39	21.69	56.00	46.00	-24.61	-24.31
5	2.69141	10.09	19.91	13.02	30.00	23.11	56.00	46.00	-26.00	-22.89
6	11.82813	10.49	15.02	9.10	25.51	19.59	60.00	50.00	-34.49	-30.41

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

#### 4.3.5 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

##### 2TX Mode

##### 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	8.09	8.08	0.5	Pass
6	2437	8.09	8.56	0.5	Pass
11	2462	8.09	8.10	0.5	Pass
12	2467	8.11	8.08	0.5	Pass
13	2472	8.10	8.09	0.5	Pass

##### 802.11g

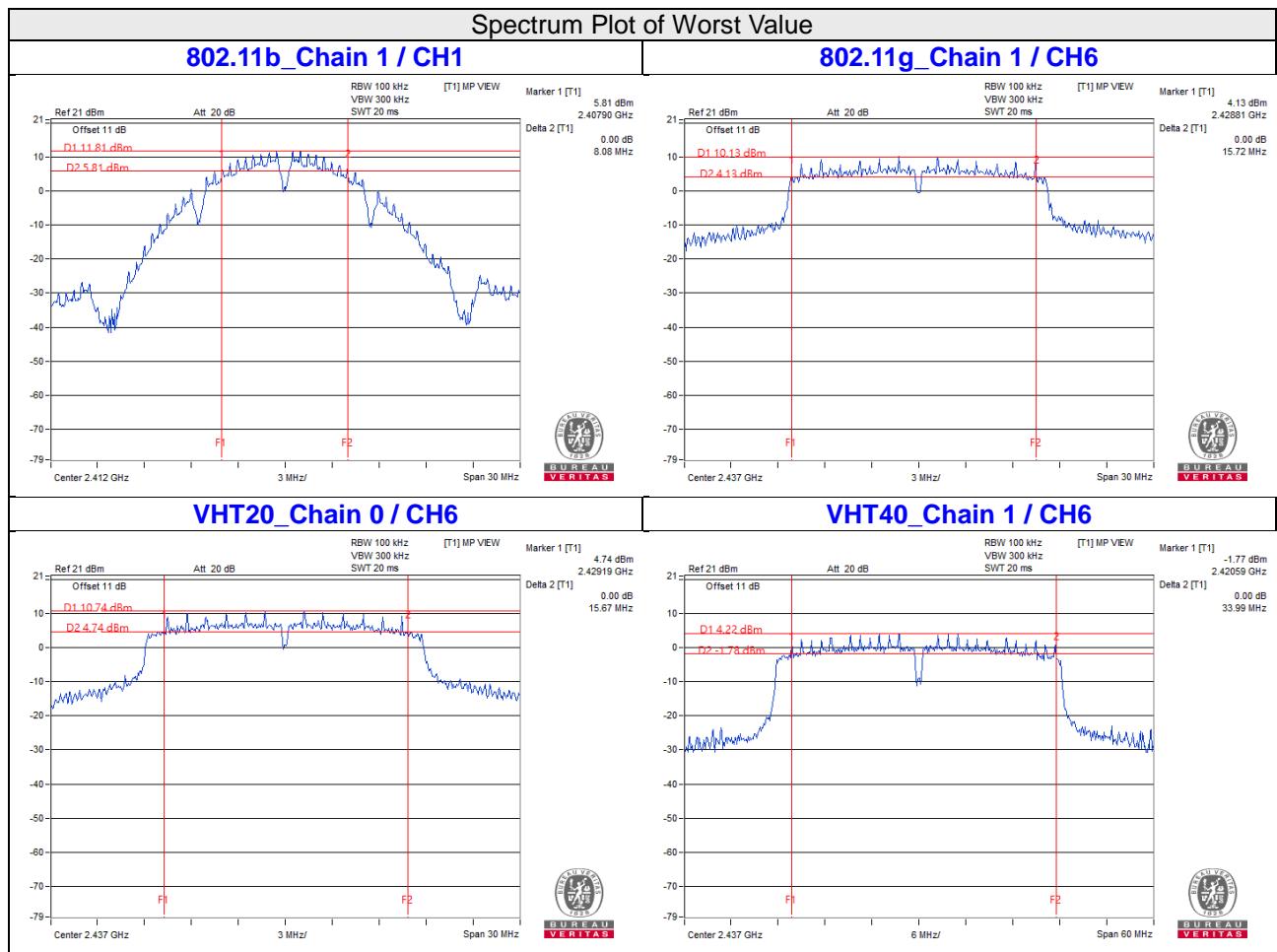
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.09	16.35	0.5	Pass
2	2417	16.06	16.07	0.5	Pass
6	2437	15.80	15.72	0.5	Pass
10	2457	15.87	16.34	0.5	Pass
11	2462	16.34	16.35	0.5	Pass
12	2467	16.33	16.35	0.5	Pass
13	2472	16.34	16.36	0.5	Pass

##### VHT20

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.33	16.34	0.5	Pass
2	2417	16.10	16.10	0.5	Pass
6	2437	15.67	15.74	0.5	Pass
10	2457	16.07	16.33	0.5	Pass
11	2462	16.10	16.34	0.5	Pass
12	2467	16.34	16.36	0.5	Pass
13	2472	17.05	16.34	0.5	Pass

**VHT40**

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	35.34	35.18	0.5	Pass
4	2427	35.31	35.31	0.5	Pass
6	2437	35.33	33.99	0.5	Pass
8	2447	35.33	35.29	0.5	Pass
9	2452	35.32	35.20	0.5	Pass
10	2457	35.32	35.23	0.5	Pass
11	2462	35.32	35.33	0.5	Pass



## 1TX Mode

### 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	8.10	0.5	Pass
6	2437	8.56	0.5	Pass
11	2462	8.10	0.5	Pass
12	2467	9.02	0.5	Pass
13	2472	8.10	0.5	Pass

### 802.11g

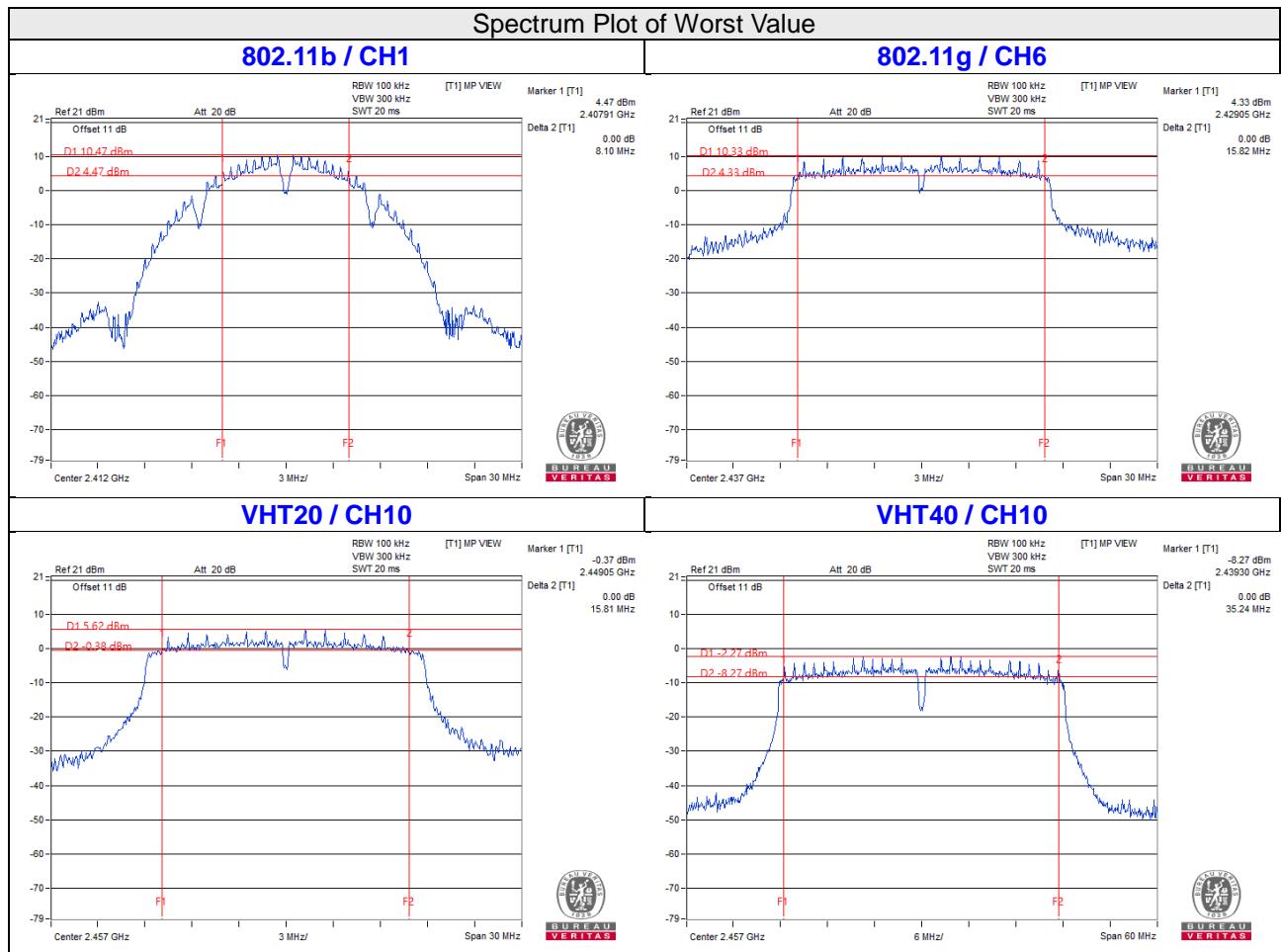
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	16.11	0.5	Pass
2	2417	15.86	0.5	Pass
6	2437	15.82	0.5	Pass
10	2457	15.90	0.5	Pass
11	2462	15.88	0.5	Pass
12	2467	16.34	0.5	Pass
13	2472	16.34	0.5	Pass

### VHT20

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
1	2412	16.12	0.5	Pass
2	2417	16.11	0.5	Pass
6	2437	16.11	0.5	Pass
10	2457	15.81	0.5	Pass
11	2462	16.33	0.5	Pass
12	2467	17.05	0.5	Pass
13	2472	16.35	0.5	Pass

**VHT40**

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
3	2422	36.37	0.5	Pass
6	2437	35.87	0.5	Pass
9	2452	35.88	0.5	Pass
10	2457	35.24	0.5	Pass
11	2462	35.32	0.5	Pass



## 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,

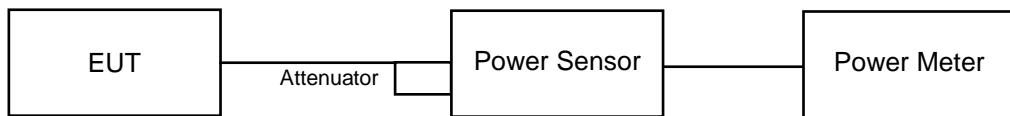
Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;

Array Gain = 0 dB (i.e., no array gain) for channel widths  $\geq 40$  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

##### 2TX Mode

##### CDD Mode

##### 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	21.83	21.85	305.514	24.85	30	Pass
6	2437	23.43	23.35	436.565	26.40	30	Pass
11	2462	21.38	21.15	267.721	24.28	30	Pass
12	2467	17.11	16.92	100.608	20.03	30	Pass
13	2472	12.12	12.17	32.775	15.16	30	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	23.95	23.71	483.276	26.84	30	Pass
2	2417	25.13	24.02	578.185	27.62	30	Pass
6	2437	26.31	25.64	794.001	29.00	30	Pass
10	2457	25.31	24.23	604.475	27.81	30	Pass
11	2462	23.87	22.86	436.978	26.40	30	Pass
12	2467	21.07	20.13	230.977	23.64	30	Pass
13	2472	17.95	17.97	125.034	20.97	30	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	23.81	23.57	467.946	26.70	30	Pass
2	2417	25.24	24.52	617.334	27.91	30	Pass
6	2437	26.31	25.12	752.65	28.77	30	Pass
10	2457	25.12	24.39	599.876	27.78	30	Pass
11	2462	23.93	23.16	454.186	26.57	30	Pass
12	2467	20.99	21.01	251.786	24.01	30	Pass
13	2472	18.21	18.01	129.463	21.12	30	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	22.42	21.89	329.107	25.17	30	Pass
4	2427	22.70	21.92	341.806	25.34	30	Pass
6	2437	25.02	24.07	572.957	27.58	30	Pass
8	2447	22.37	22.06	333.278	25.23	30	Pass
9	2452	22.40	22.31	343.996	25.37	30	Pass
10	2457	20.38	20.13	212.183	23.27	30	Pass
11	2462	16.79	16.82	95.837	19.82	30	Pass

**FOR AVERAGE POWER**
**802.11b**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	19.91	19.86	194.777	22.90
6	2437	21.16	21.11	259.739	24.15
11	2462	19.47	19.20	171.688	22.35
12	2467	14.51	14.43	55.982	17.48
13	2472	10.15	10.17	20.75	13.17

**802.11g**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.10	14.03	50.997	17.08
2	2417	16.24	16.41	85.825	19.34
6	2437	21.01	21.07	254.121	24.05
10	2457	16.21	16.11	82.615	19.17
11	2462	14.11	14.16	51.825	17.15
12	2467	11.26	11.44	27.298	14.36
13	2472	8.26	8.41	13.633	11.35

**VHT20**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.33	14.27	53.832	17.31
2	2417	16.11	16.17	82.232	19.15
6	2437	21.04	21.06	254.701	24.06
10	2457	16.01	16.11	80.734	19.07
11	2462	14.21	14.21	52.726	17.22
12	2467	11.21	11.31	26.734	14.27
13	2472	8.21	8.27	13.336	11.25

**VHT40**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	13.04	13.09	40.507	16.08
4	2427	13.07	13.11	40.741	16.10
6	2437	17.11	17.06	102.22	20.10
8	2447	14.21	14.27	53.093	17.25
9	2452	14.37	14.24	53.899	17.32
10	2457	11.18	11.13	26.094	14.17
11	2462	7.78	7.56	11.7	10.68

**Beamforming Mode**
**FOR PEAK POWER**
**VHT20**

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	23.81	23.57	467.946	26.70	29.49	Pass
2	2417	25.24	24.52	617.334	27.91	29.49	Pass
6	2437	26.31	25.12	752.65	28.77	29.49	Pass
10	2457	25.12	24.39	599.876	27.78	29.49	Pass
11	2462	23.93	23.16	454.186	26.57	29.49	Pass
12	2467	20.99	21.01	251.786	24.01	29.49	Pass
13	2472	18.21	18.01	129.463	21.12	29.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power limit shall be reduced to  $30-(6.51-6) = 29.49\text{dBm}$ .

**VHT40**

Chan.	Chan. Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	22.42	21.89	329.107	25.17	29.49	Pass
6	2437	25.02	24.07	572.957	27.58	29.49	Pass
8	2447	22.37	22.06	333.278	25.23	29.49	Pass
9	2452	22.40	22.31	343.996	25.37	29.49	Pass
10	2457	20.38	20.13	212.183	23.27	29.49	Pass
11	2462	16.79	16.82	95.837	19.82	29.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power limit shall be reduced to  $30-(6.51-6) = 29.49\text{dBm}$ .

**FOR AVERAGE POWER**
**VHT20**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.33	14.27	53.832	17.31
2	2417	16.11	16.17	82.232	19.15
6	2437	21.04	21.06	254.701	24.06
10	2457	16.01	16.11	80.734	19.07
11	2462	14.21	14.21	52.726	17.22
12	2467	11.21	11.31	26.734	14.27
13	2472	8.21	8.27	13.336	11.25

**VHT40**

Channel	Frequency (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	13.04	13.09	40.507	16.08
6	2437	17.11	17.06	102.22	20.10
8	2447	14.21	14.27	53.093	17.25
9	2452	14.37	14.24	53.899	17.32
10	2457	11.18	11.13	26.094	14.17
11	2462	7.78	7.56	11.7	10.68

**1TX Mode**
**FOR PEAK POWER**
**802.11b**

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
1	2412	139.637	21.45	30	Pass
6	2437	227.51	23.57	30	Pass
11	2462	138.995	21.43	30	Pass
12	2467	46.989	16.72	30	Pass
13	2472	32.359	15.10	30	Pass

**802.11g**

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
1	2412	198.153	22.97	30	Pass
2	2417	311.172	24.93	30	Pass
6	2437	464.515	26.67	30	Pass
10	2457	309.742	24.91	30	Pass
11	2462	205.116	23.12	30	Pass
12	2467	102.565	20.11	30	Pass
13	2472	78.343	18.94	30	Pass

**VHT20**

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
1	2412	201.837	23.05	30	Pass
2	2417	309.742	24.91	30	Pass
6	2437	427.563	26.31	30	Pass
10	2457	303.389	24.82	30	Pass
11	2462	207.014	23.16	30	Pass
12	2467	100.231	20.01	30	Pass
13	2472	54.828	17.39	30	Pass

**VHT40**

Channel	Frequency (MHz)	Peak Power (mW)	Peak Power (dBm)	Limit (dBm)	Pass/Fail
3	2422	211.836	23.26	30	Pass
6	2437	341.979	25.34	30	Pass
9	2452	218.273	23.39	30	Pass
10	2457	106.905	20.29	30	Pass
11	2462	53.951	17.32	30	Pass

## FOR AVERAGE POWER

### 802.11b

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	80.538	19.06
6	2437	132.13	21.21
11	2462	82.604	19.17
12	2467	27.606	14.41
13	2472	20.559	13.13

### 802.11g

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	25.527	14.07
2	2417	41.783	16.21
6	2437	133.968	21.27
10	2457	41.02	16.13
11	2462	25.763	14.11
12	2467	13.122	11.18
13	2472	6.745	8.29

### VHT20

Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
1	2412	26.363	14.21
2	2417	42.756	16.31
6	2437	127.057	21.04
10	2457	41.783	16.21
11	2462	26.485	14.23
12	2467	13.002	11.14
13	2472	6.668	8.24

### VHT40

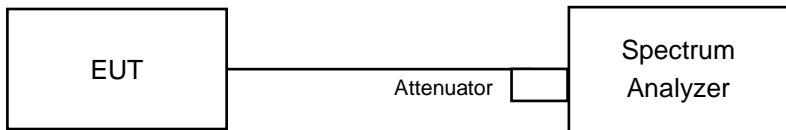
Channel	Frequency (MHz)	Average Power (mW)	Average Power (dBm)
3	2422	26.122	14.17
6	2437	50.816	17.06
9	2452	26.363	14.21
10	2457	13.243	11.22
11	2462	6.531	8.15

## 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:  $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$ .
- d. Set the VBW  $\geq 3 \times \text{RBW}$ .
- 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.

### 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

##### 2TX Mode

###### 802.11b

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-1.96	3.01	1.05	7.49	Pass
	6	2437	-0.51	3.01	2.50	7.49	Pass
	11	2462	-2.23	3.01	0.78	7.49	Pass
	12	2467	-7.74	3.01	-4.73	7.49	Pass
	13	2472	-11.84	3.01	-8.83	7.49	Pass
1	1	2412	-1.62	3.01	1.39	7.49	Pass
	6	2437	-1.78	3.01	1.23	7.49	Pass
	11	2462	-3.52	3.01	-0.51	7.49	Pass
	12	2467	-8.29	3.01	-5.28	7.49	Pass
	13	2472	-12.40	3.01	-9.39	7.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power density limit shall be reduced to  $8-(6.51-6) = 7.49\text{dBm}$ .

###### 802.11g

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-10.50	3.01	-7.49	7.49	Pass
	2	2417	-8.26	3.01	-5.25	7.49	Pass
	6	2437	-3.25	3.01	-0.24	7.49	Pass
	10	2457	-8.91	3.01	-5.90	7.49	Pass
	11	2462	-10.94	3.01	-7.93	7.49	Pass
	12	2467	-13.56	3.01	-10.55	7.49	Pass
	13	2472	-16.26	3.01	-13.25	7.49	Pass
1	1	2412	-10.91	3.01	-7.90	7.49	Pass
	2	2417	-8.67	3.01	-5.66	7.49	Pass
	6	2437	-4.68	3.01	-1.67	7.49	Pass
	10	2457	-8.71	3.01	-5.70	7.49	Pass
	11	2462	-11.19	3.01	-8.18	7.49	Pass
	12	2467	-13.96	3.01	-10.95	7.49	Pass
	13	2472	-16.44	3.01	-13.43	7.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power density limit shall be reduced to  $8-(6.51-6) = 7.49\text{dBm}$ .

**VHT20**

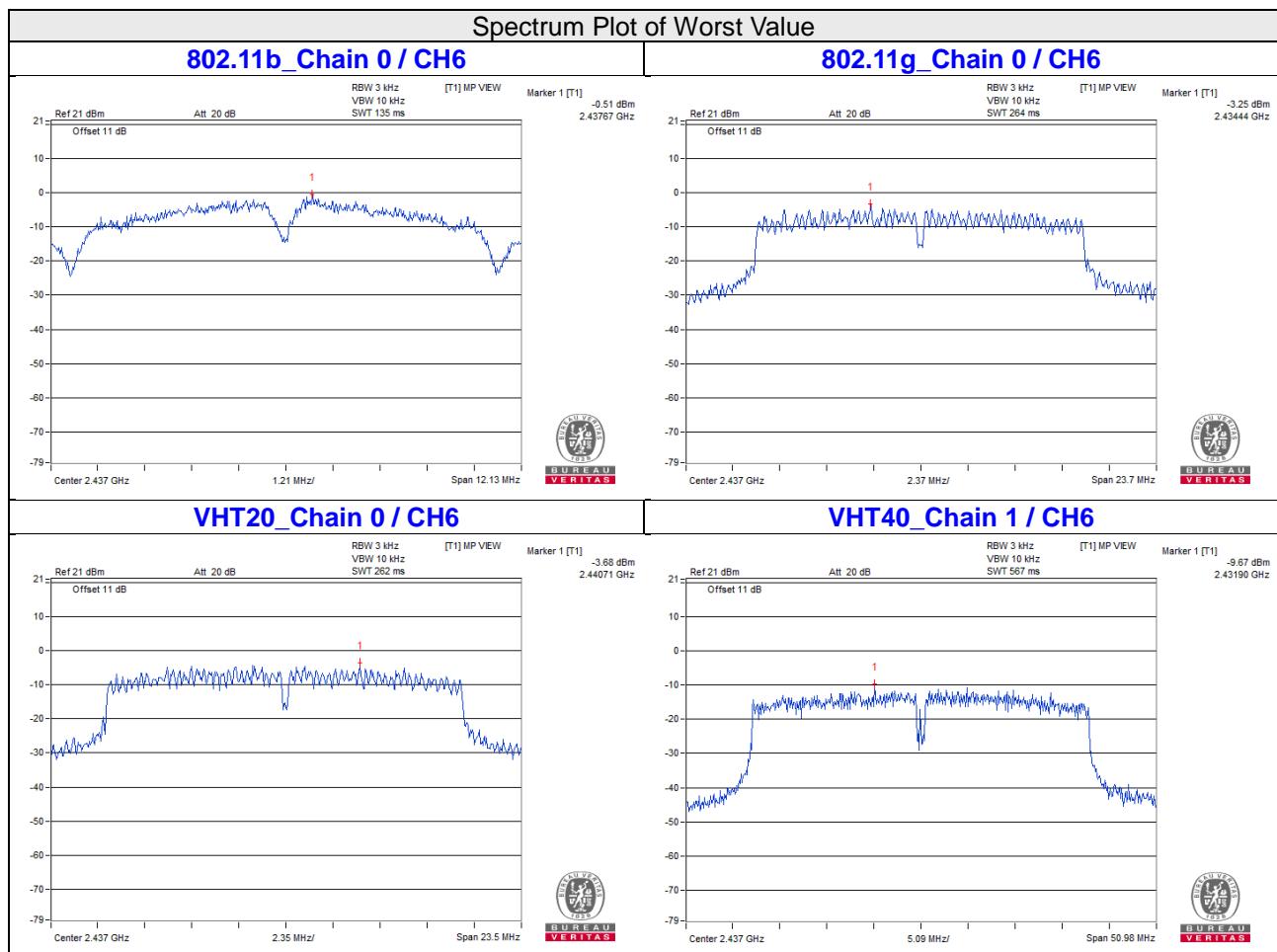
TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-10.81	3.01	-7.80	7.49	Pass
	2	2417	-8.62	3.01	-5.61	7.49	Pass
	6	2437	-3.68	3.01	-0.67	7.49	Pass
	10	2457	-9.00	3.01	-5.99	7.49	Pass
	11	2462	-11.07	3.01	-8.06	7.49	Pass
	12	2467	-13.58	3.01	-10.57	7.49	Pass
	13	2472	-16.75	3.01	-13.74	7.49	Pass
1	1	2412	-10.79	3.01	-7.78	7.49	Pass
	2	2417	-8.94	3.01	-5.93	7.49	Pass
	6	2437	-4.79	3.01	-1.78	7.49	Pass
	10	2457	-9.00	3.01	-5.99	7.49	Pass
	11	2462	-10.31	3.01	-7.30	7.49	Pass
	12	2467	-13.94	3.01	-10.93	7.49	Pass
	13	2472	-16.65	3.01	-13.64	7.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power density limit shall be reduced to  $8-(6.51-6) = 7.49\text{dBm}$ .

**VHT40**

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	3	2422	-13.72	3.01	-10.71	7.49	Pass
	4	2427	-14.27	3.01	-11.26	7.49	Pass
	6	2437	-10.11	3.01	-7.10	7.49	Pass
	8	2447	-12.64	3.01	-9.63	7.49	Pass
	9	2452	-12.52	3.01	-9.51	7.49	Pass
	10	2457	-16.11	3.01	-13.10	7.49	Pass
	11	2462	-19.27	3.01	-16.26	7.49	Pass
1	3	2422	-14.04	3.01	-11.03	7.49	Pass
	4	2427	-13.58	3.01	-10.57	7.49	Pass
	6	2437	-9.67	3.01	-6.66	7.49	Pass
	8	2447	-12.64	3.01	-9.63	7.49	Pass
	9	2452	-12.88	3.01	-9.87	7.49	Pass
	10	2457	-15.75	3.01	-12.74	7.49	Pass
	11	2462	-20.14	3.01	-17.13	7.49	Pass

**Note:** 1. Directional gain =  $3.5\text{dBi} + 10\log(2) = 6.51\text{dBi} > 6\text{dBi}$ , so the power density limit shall be reduced to  $8-(6.51-6) = 7.49\text{dBm}$ .



## 1TX Mode

### 802.11b

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
1	2412	-3.89	8	Pass
6	2437	-0.67	8	Pass
11	2462	-3.77	8	Pass
12	2467	-8.03	8	Pass
13	2472	-8.26	8	Pass

### 802.11g

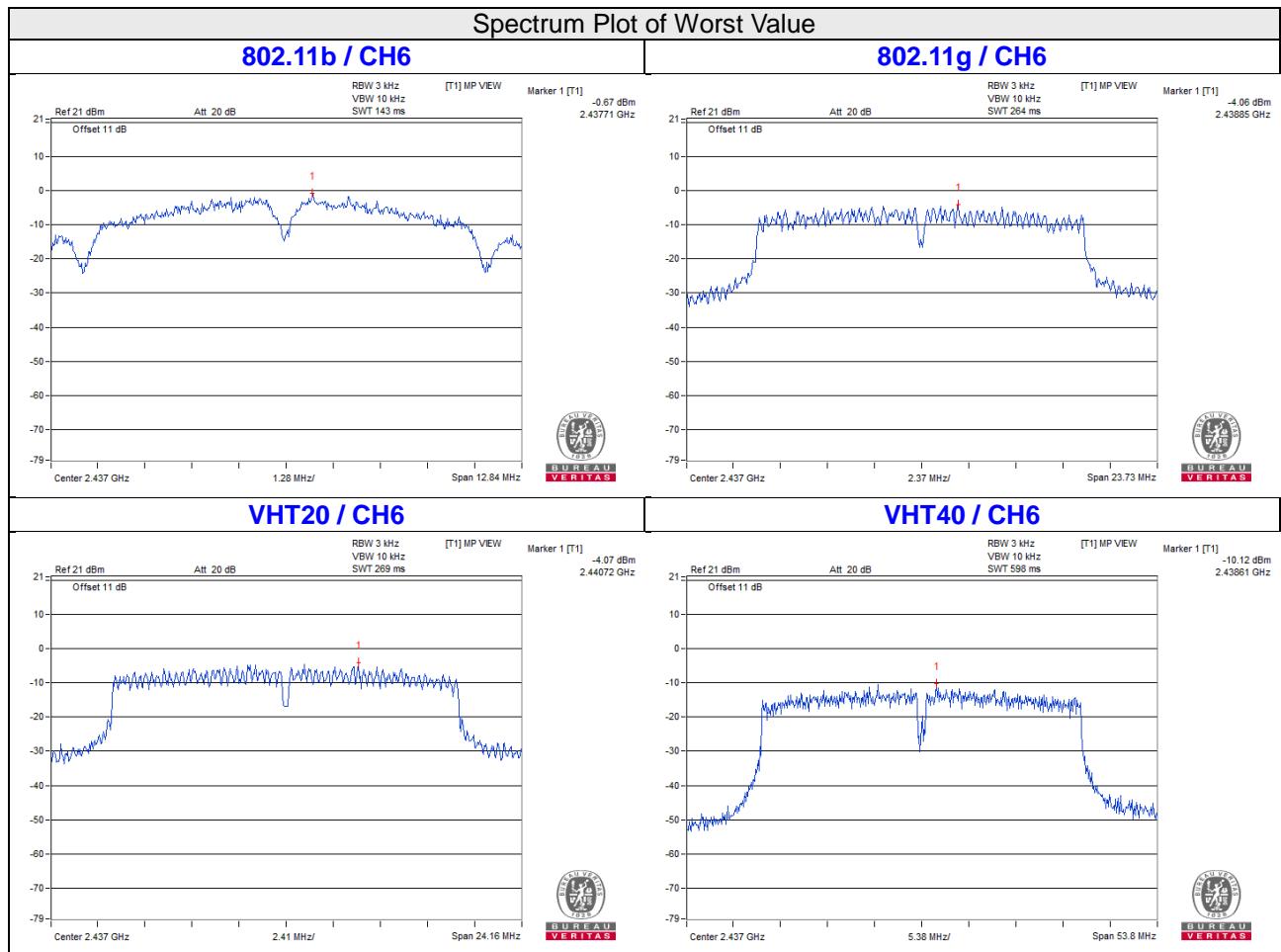
Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
1	2412	-11.44	8	Pass
2	2417	-8.59	8	Pass
6	2437	-4.06	8	Pass
10	2457	-8.23	8	Pass
11	2462	-10.38	8	Pass
12	2467	-13.73	8	Pass
13	2472	-16.84	8	Pass

### VHT20

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
1	2412	-10.86	8	Pass
2	2417	-8.65	8	Pass
6	2437	-4.07	8	Pass
10	2457	-8.48	8	Pass
11	2462	-10.64	8	Pass
12	2467	-13.49	8	Pass
13	2472	-16.50	8	Pass

### VHT40

Channel	Freq. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
3	2422	-13.58	8	Pass
6	2437	-10.12	8	Pass
9	2452	-13.59	8	Pass
10	2457	-15.93	8	Pass
11	2462	-19.57	8	Pass

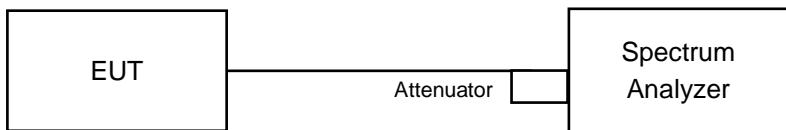


## 4.6 Conducted Out of Band Emission Measurement

### 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  $\geq$  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.

#### MEASUREMENT PROCEDURE OOB

1. Set RBW = 100 kHz.
2. Set VBW  $\geq$  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.

### 4.6.5 Deviation from Test Standard

No deviation.

### 4.6.6 EUT Operating Condition

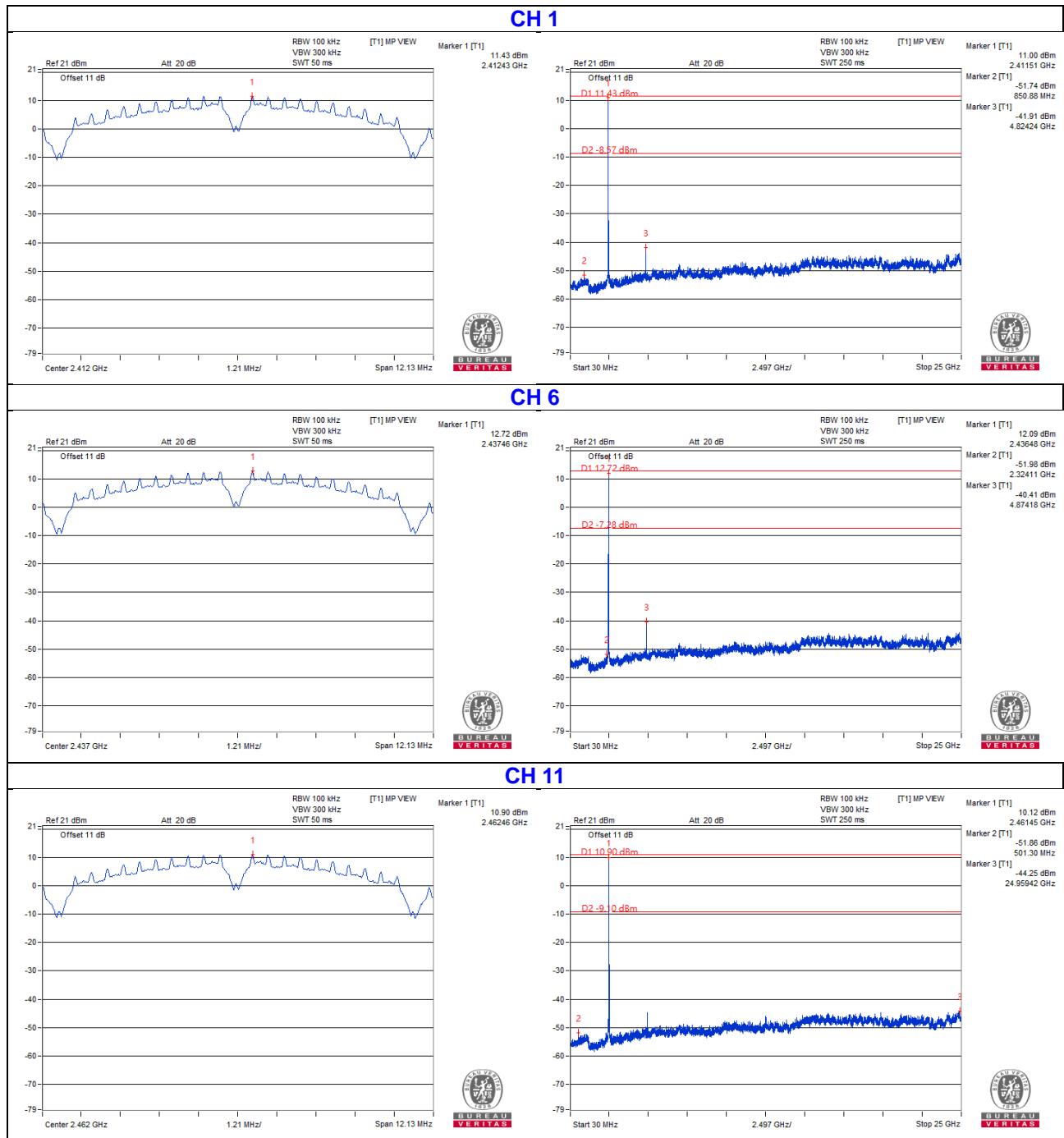
Same as Item 4.3.6.

### 4.6.7 Test Results

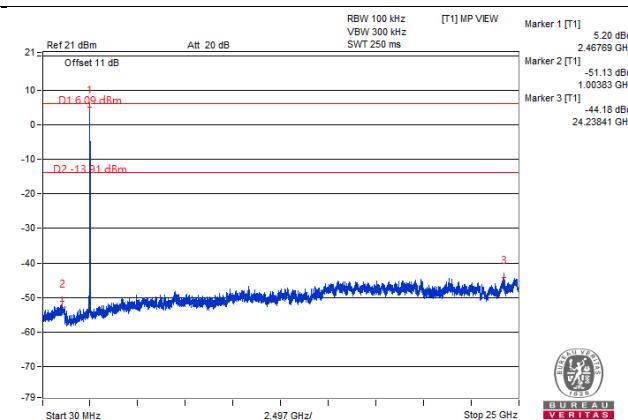
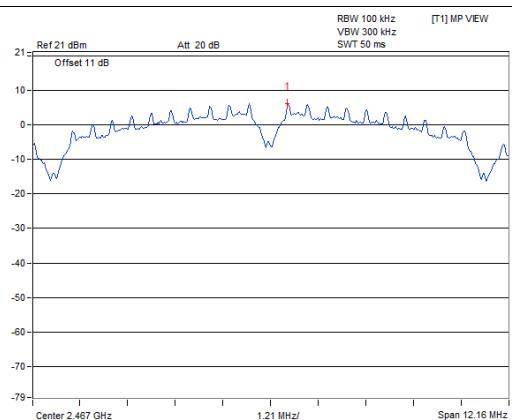
The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement.

## 2TX Mode

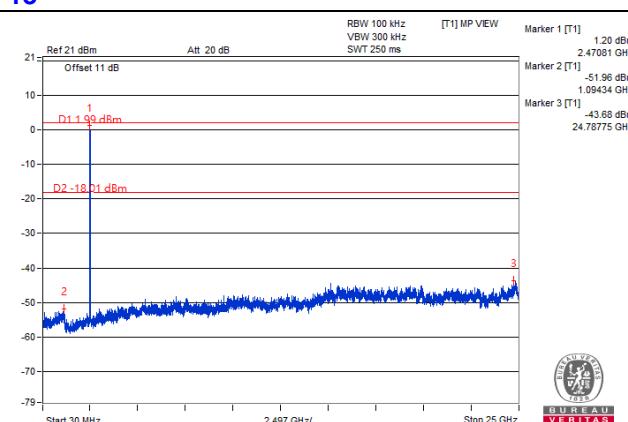
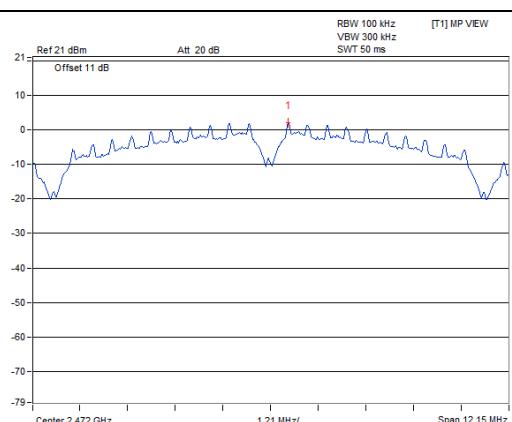
### 802.11b - Chain 0



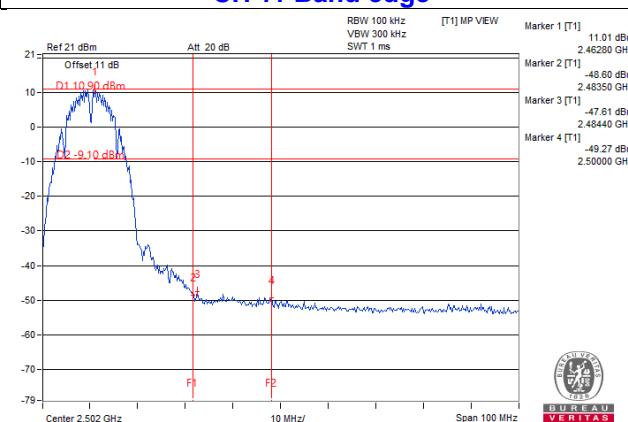
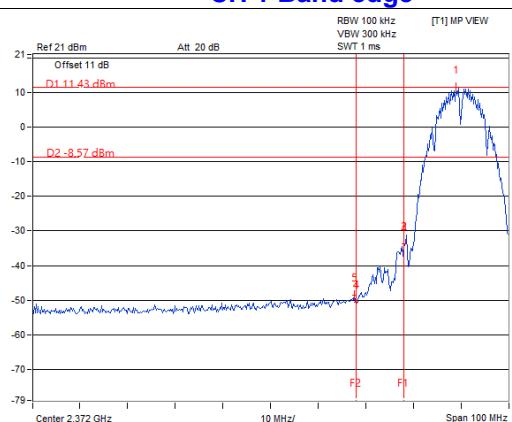
## CH 12



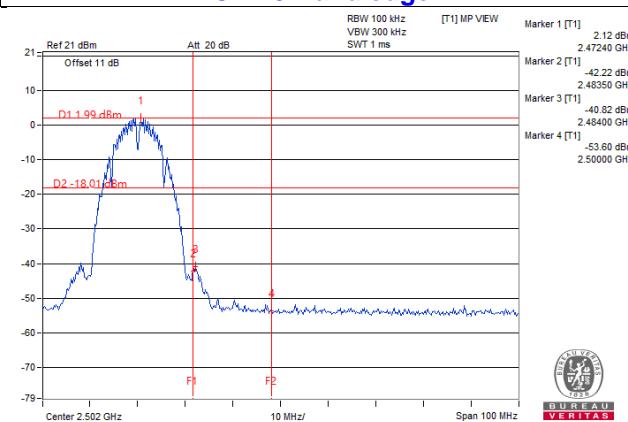
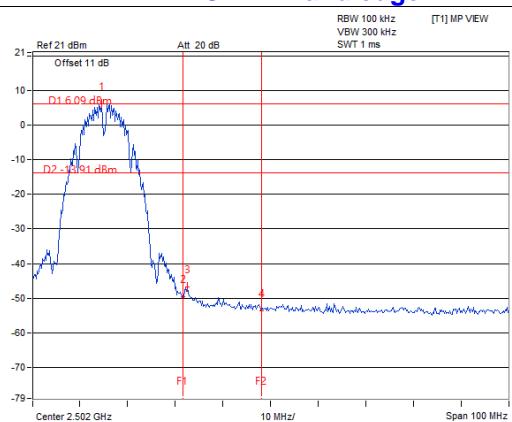
## CH 13



## CH 1 Band edge

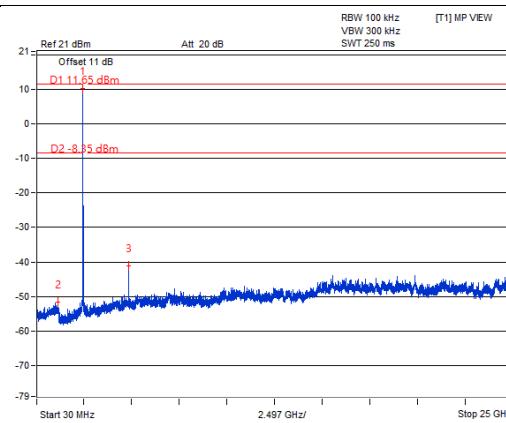
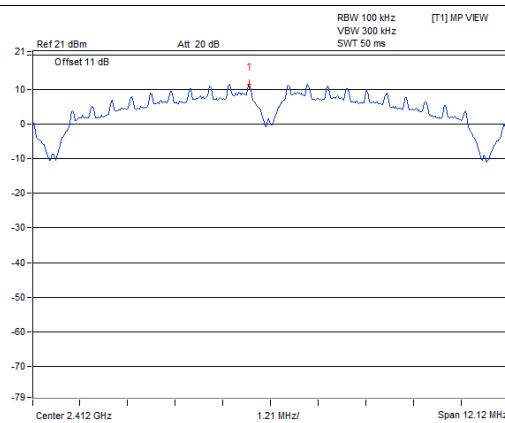


## CH 12 Band edge

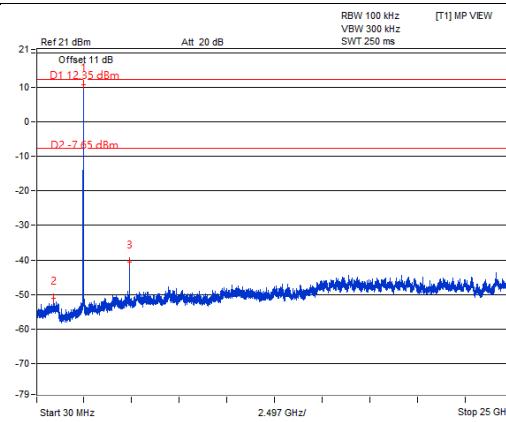
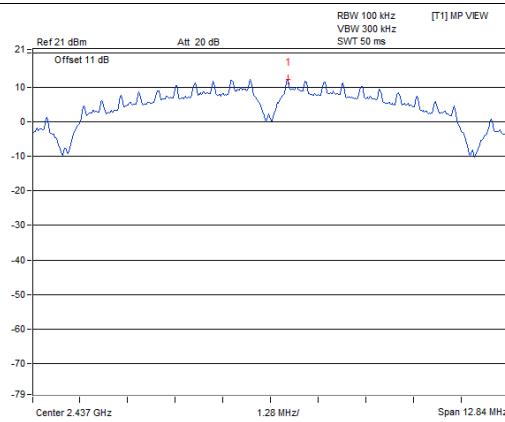


## Chain 1

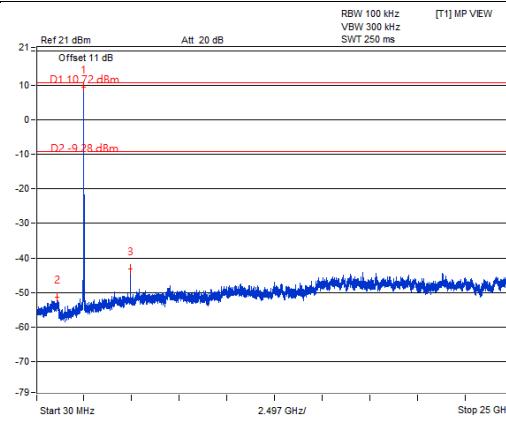
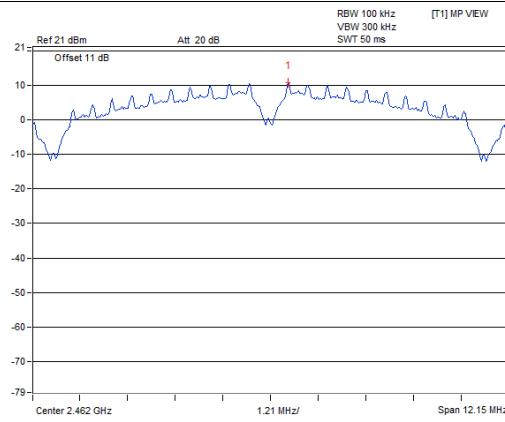
### CH 1



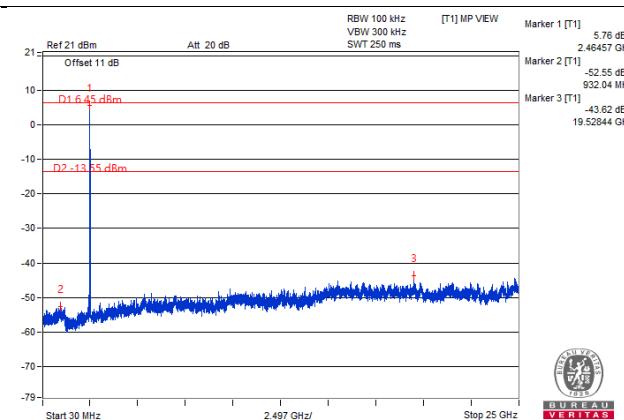
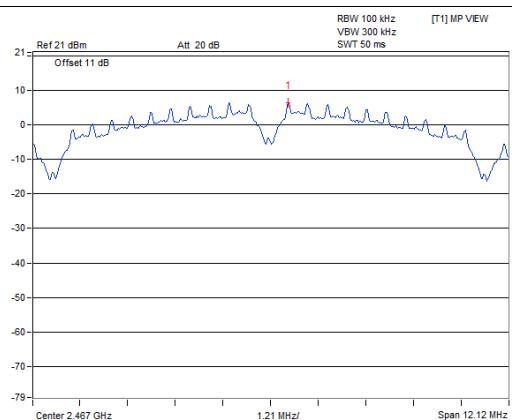
### CH 6



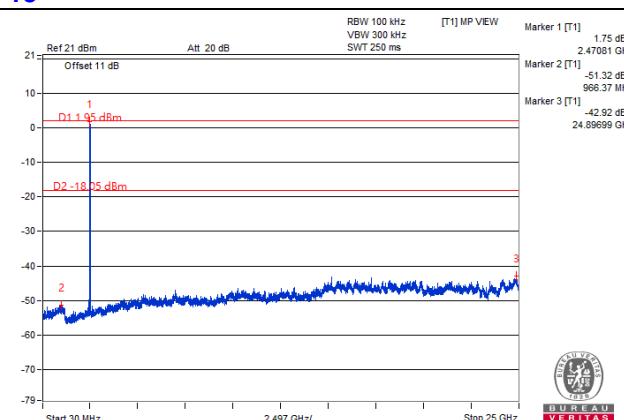
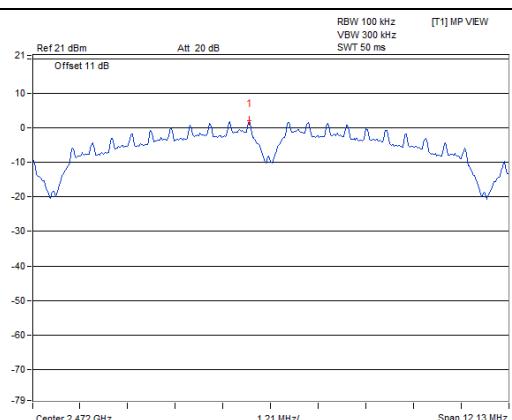
### CH 11



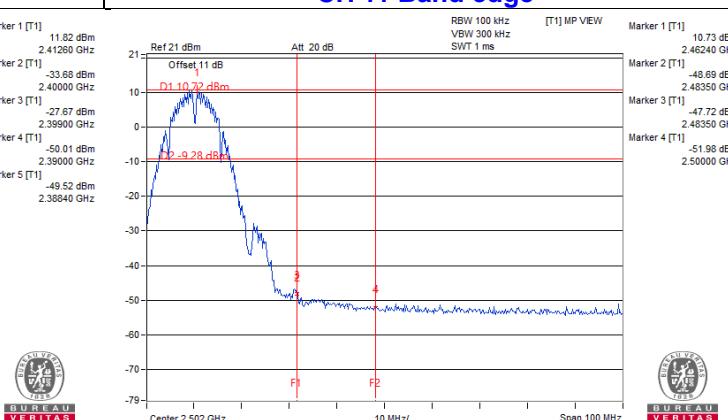
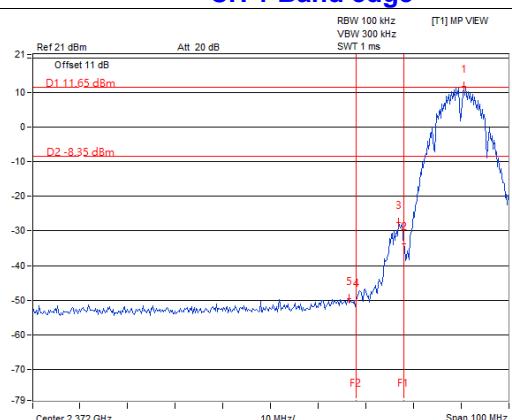
## CH 12



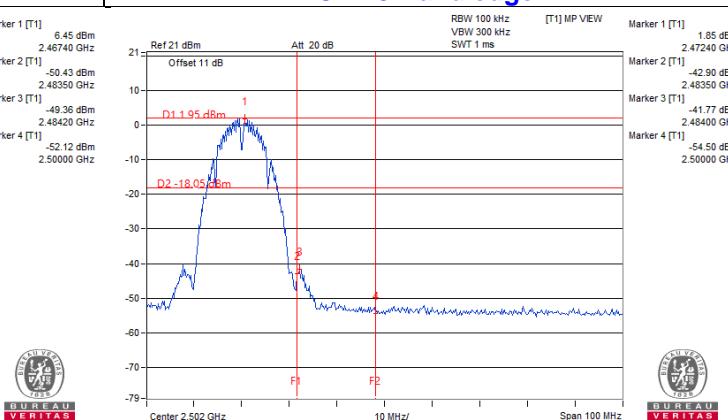
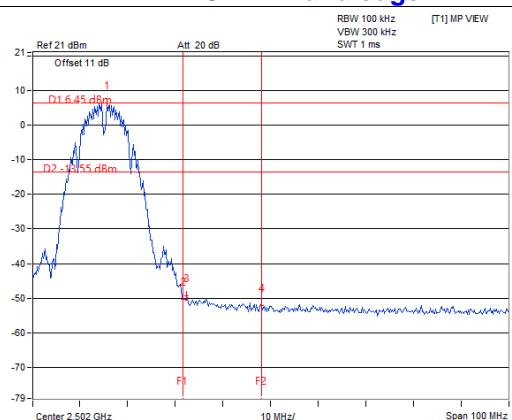
## CH 13



## CH 1 Band edge

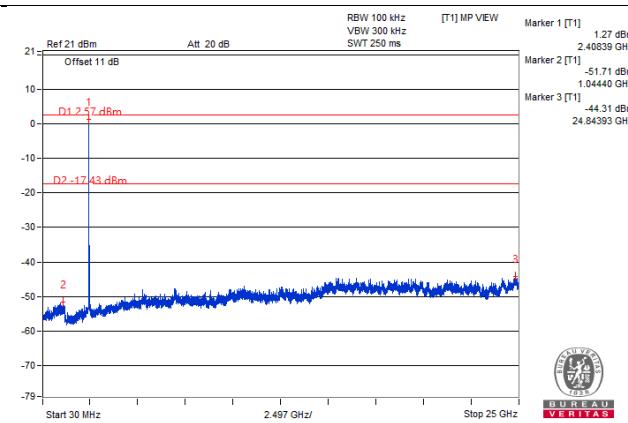
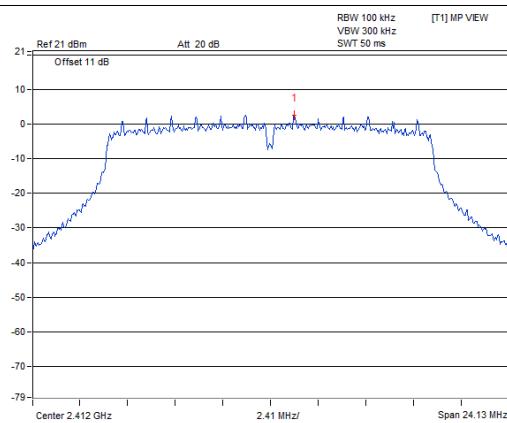


## CH 12 Band edge

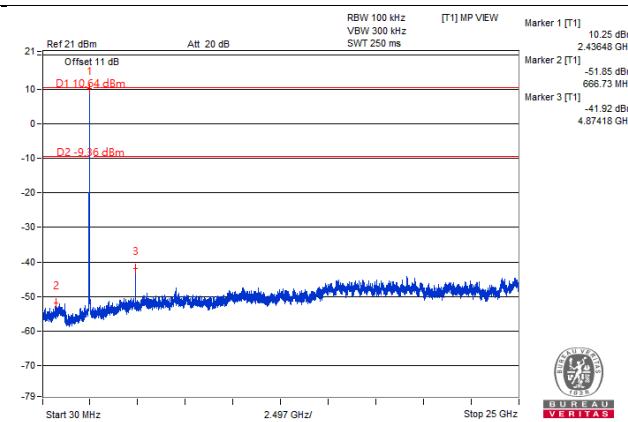
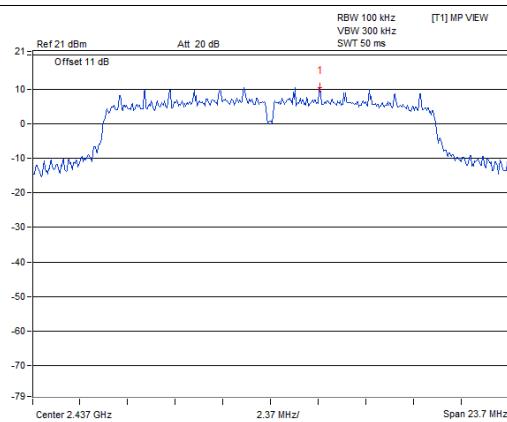


## 802.11g - Chain 0

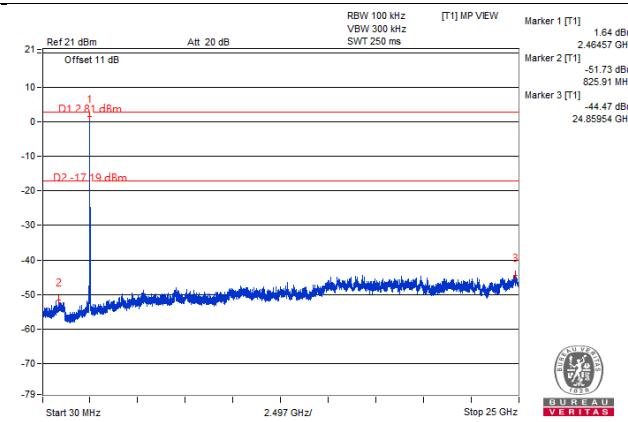
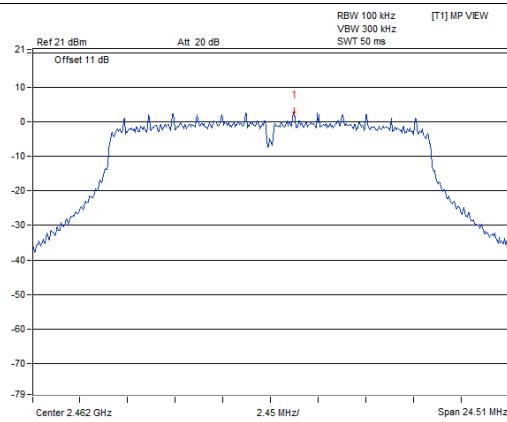
### CH 1



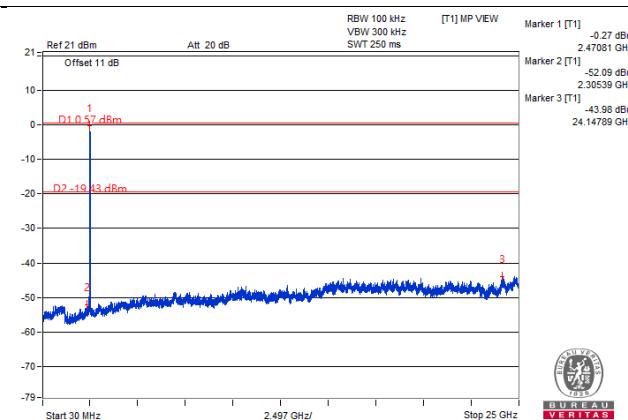
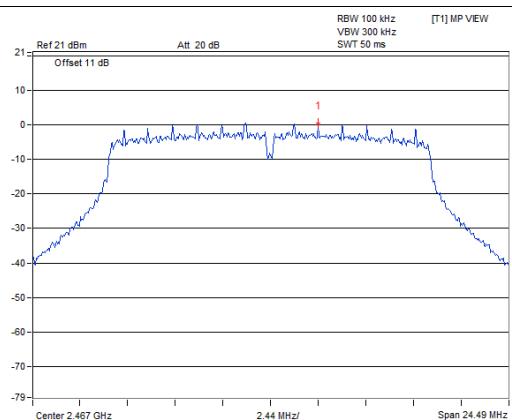
### CH 6



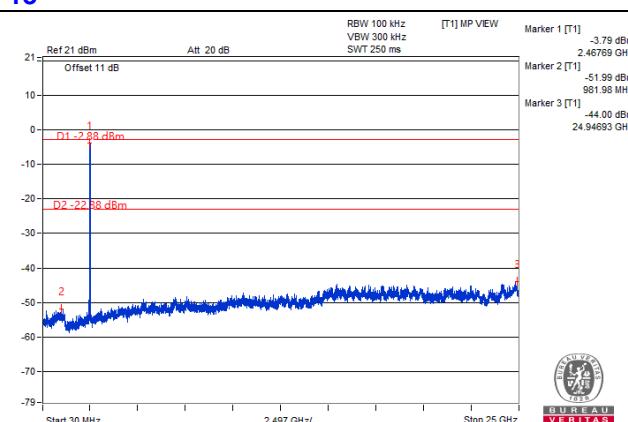
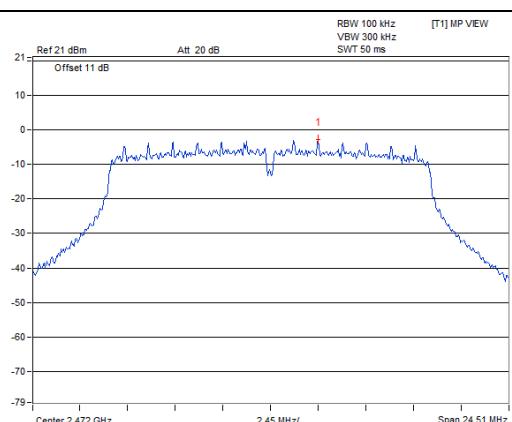
### CH 11



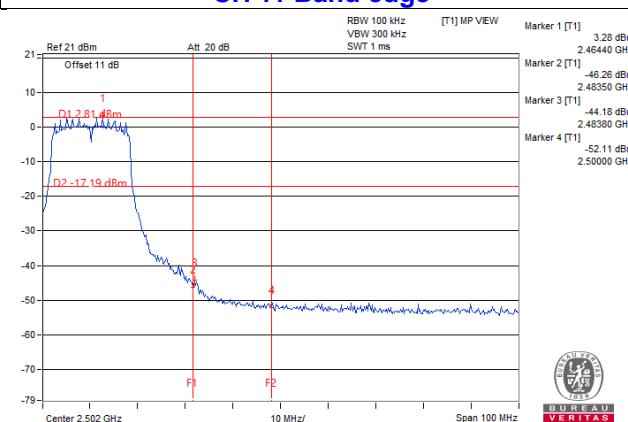
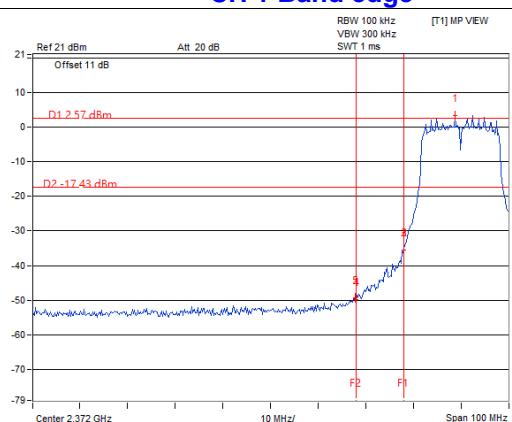
## CH 12



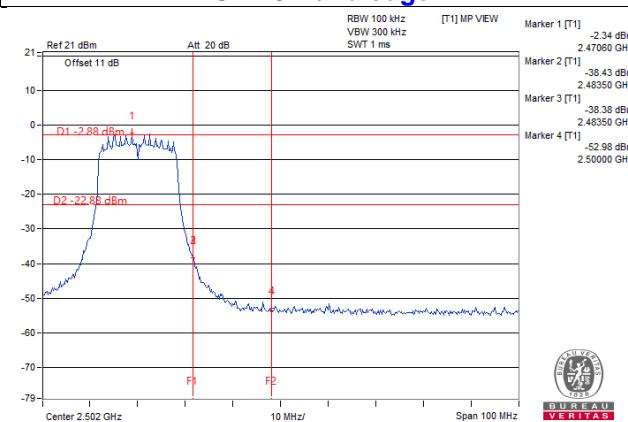
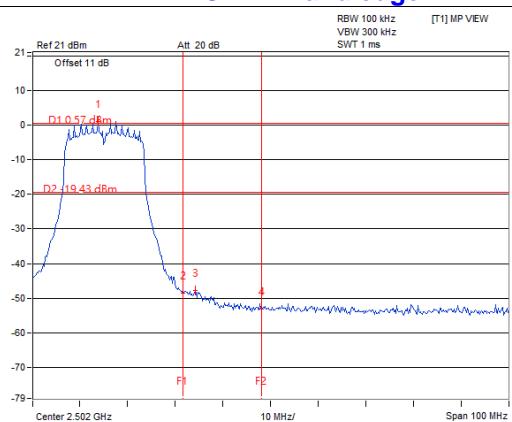
## CH 13



## CH 1 Band edge

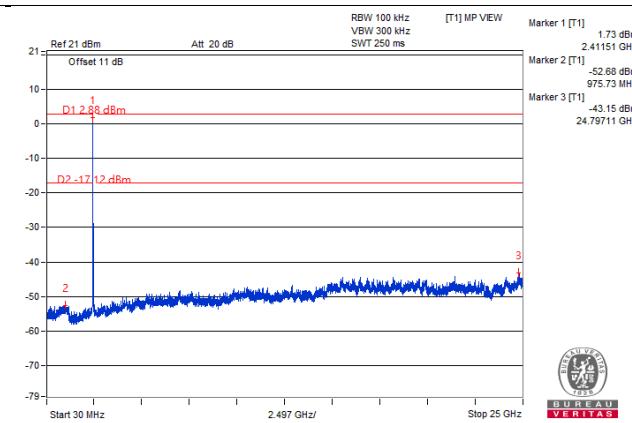
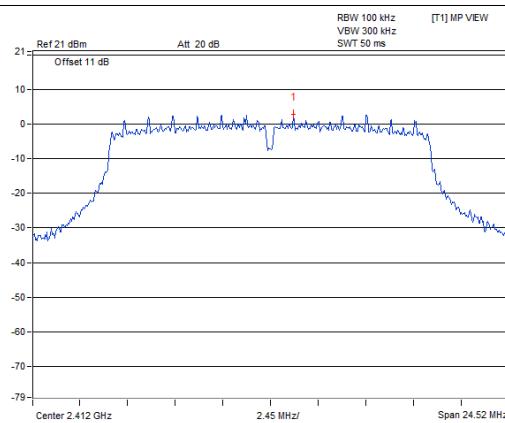


## CH 12 Band edge

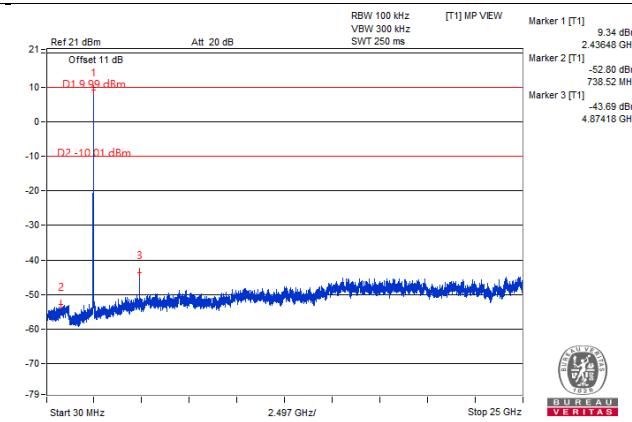
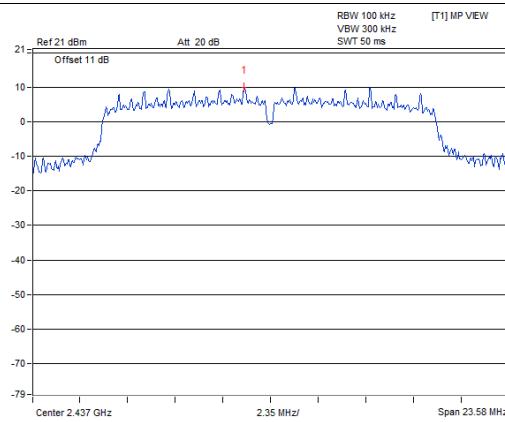


## Chain 1

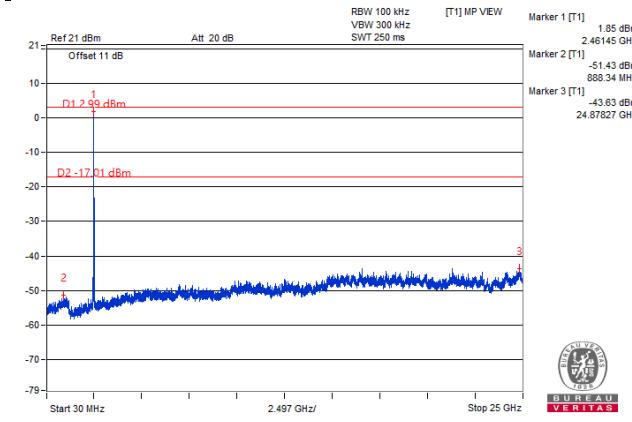
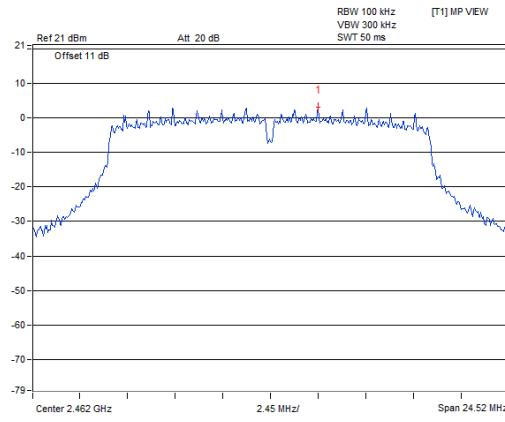
### CH 1



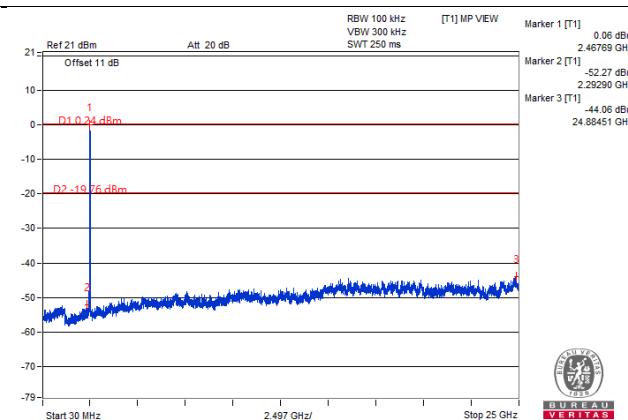
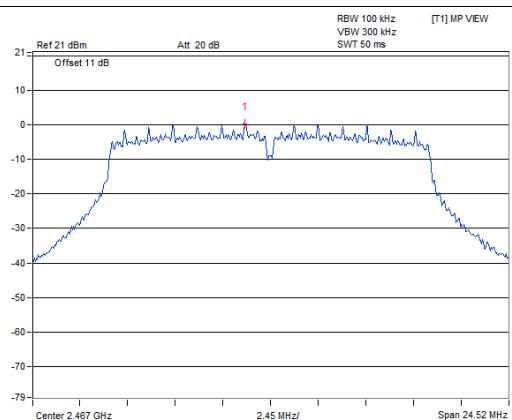
### CH 6



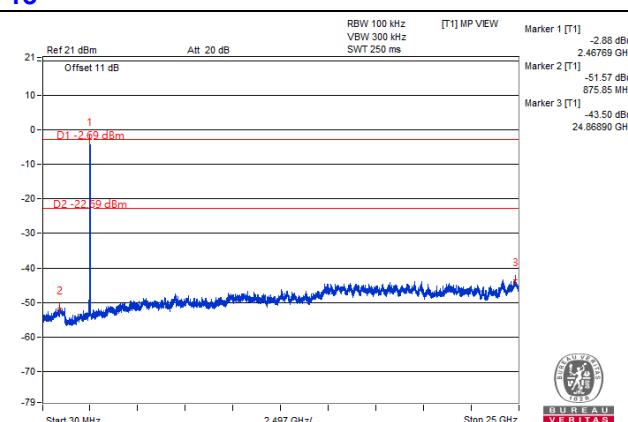
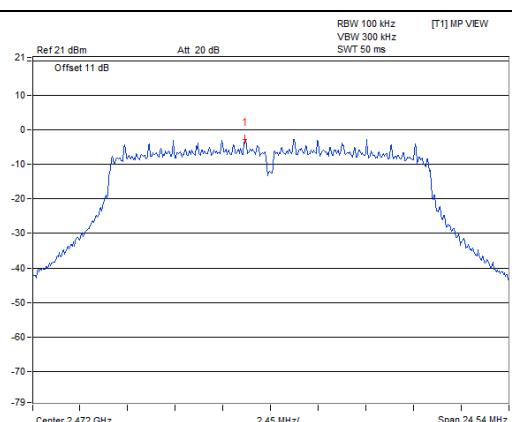
### CH 11



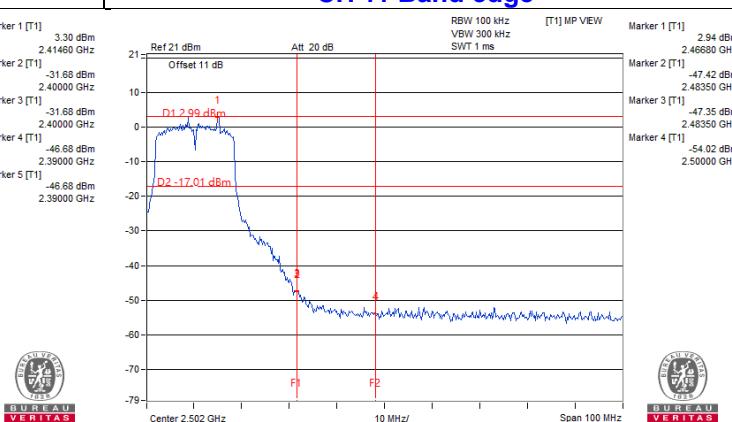
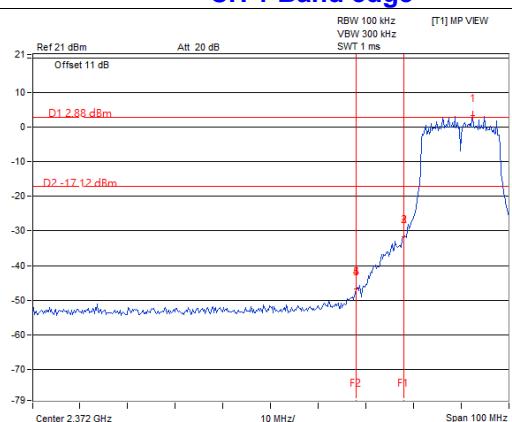
## CH 12



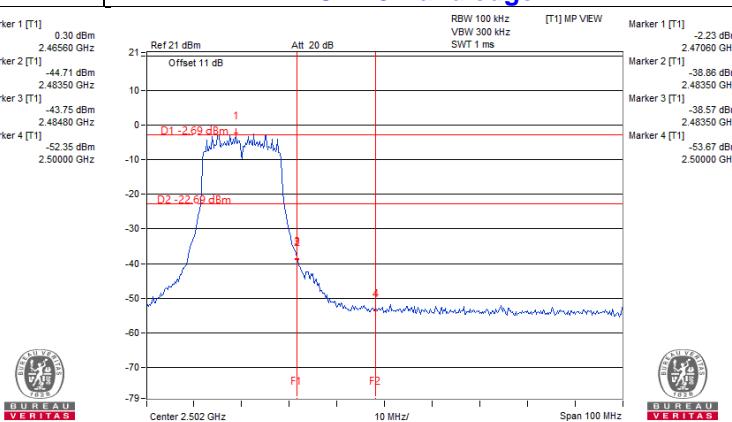
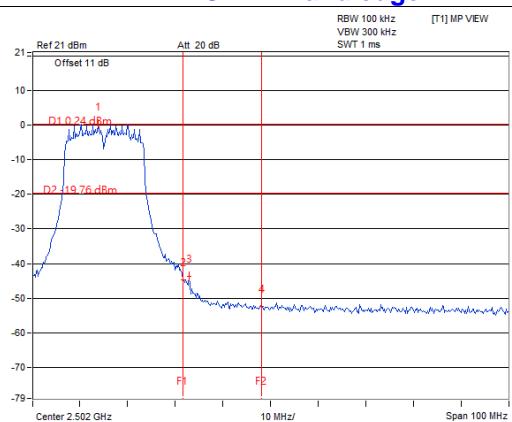
## CH 13



## CH 1 Band edge

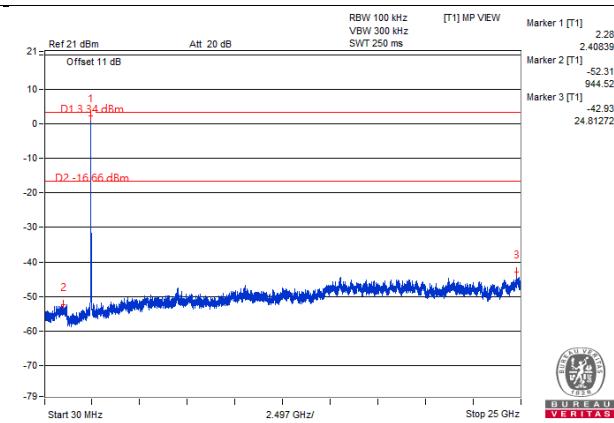
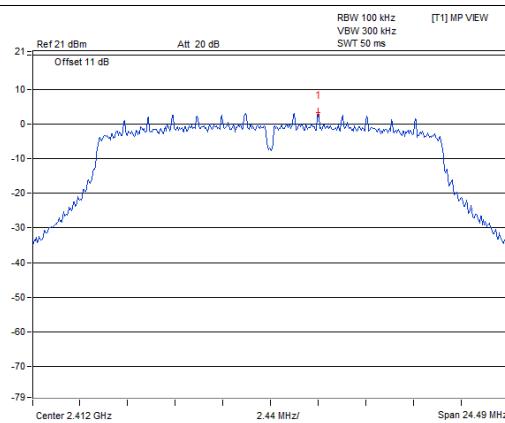


## CH 12 Band edge

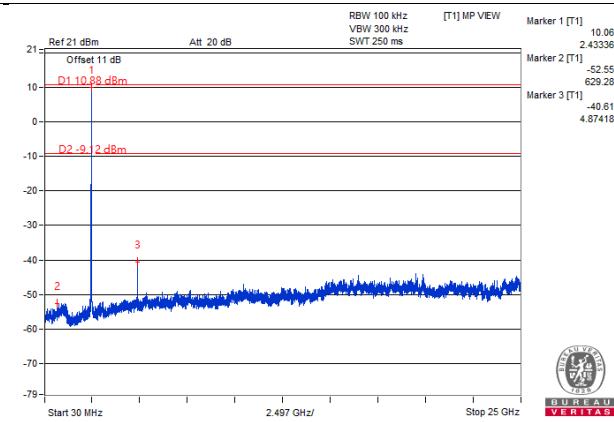
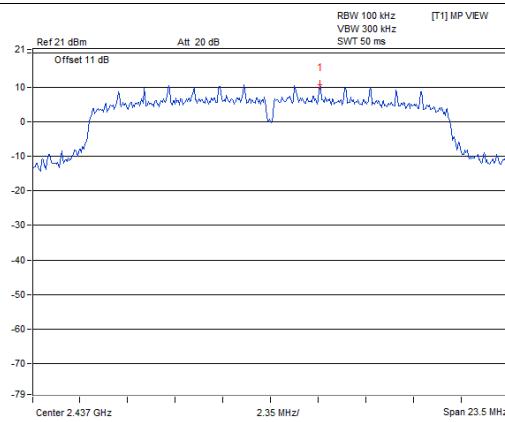


## VHT20 - Chain 0

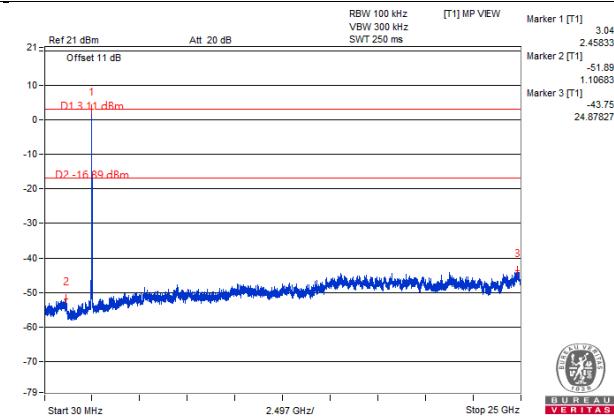
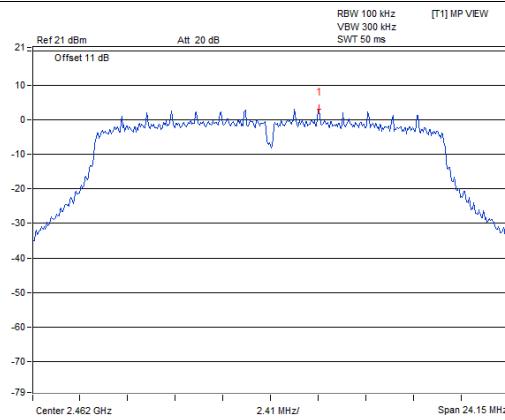
### CH 1



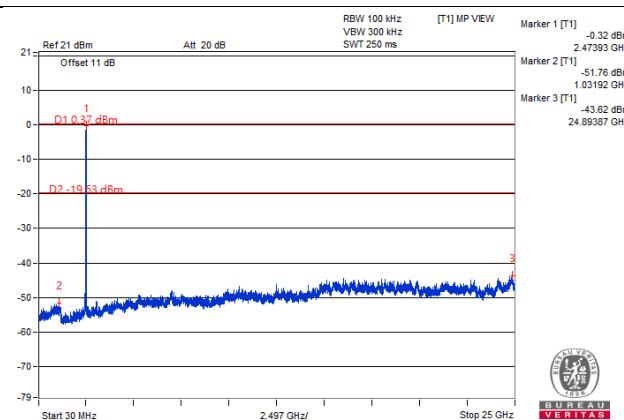
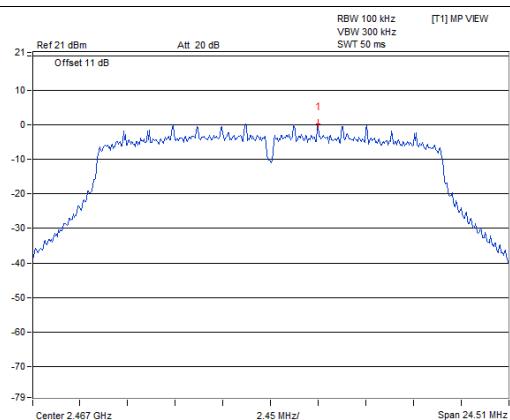
### CH 6



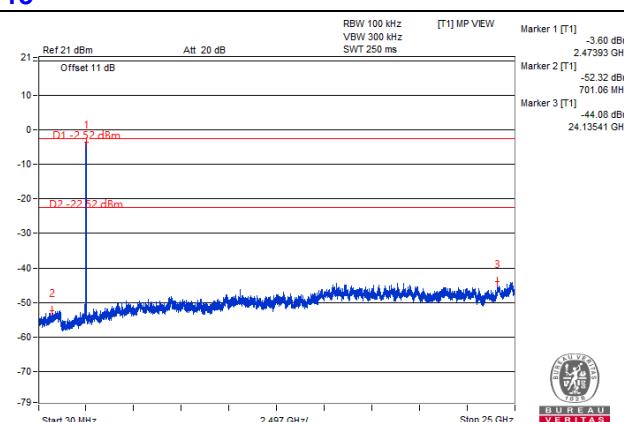
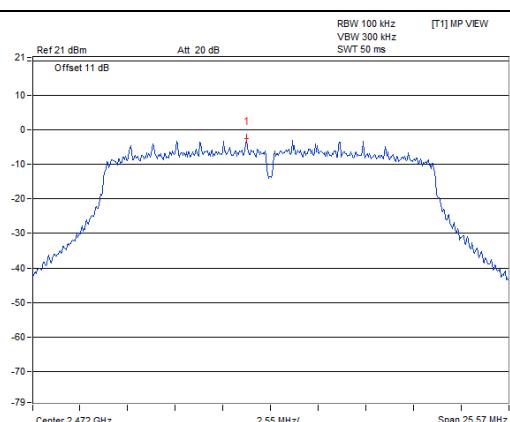
### CH 11



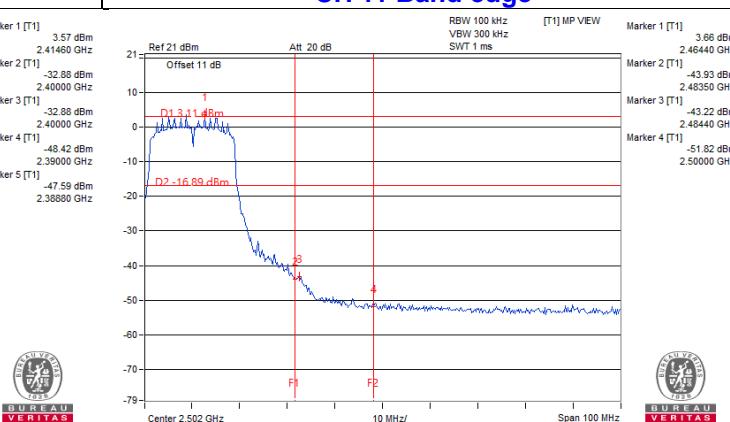
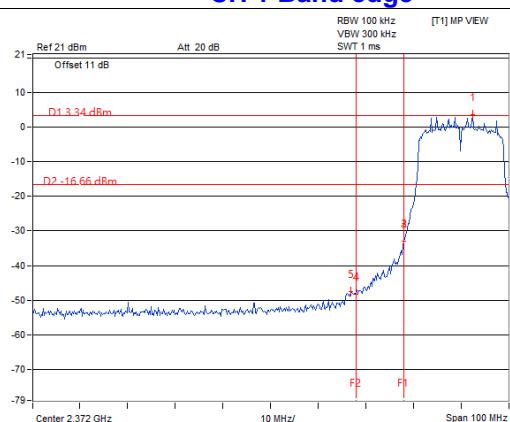
## CH 12



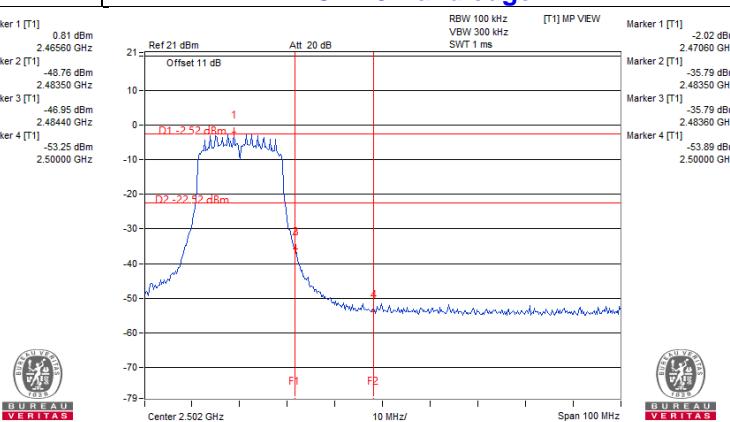
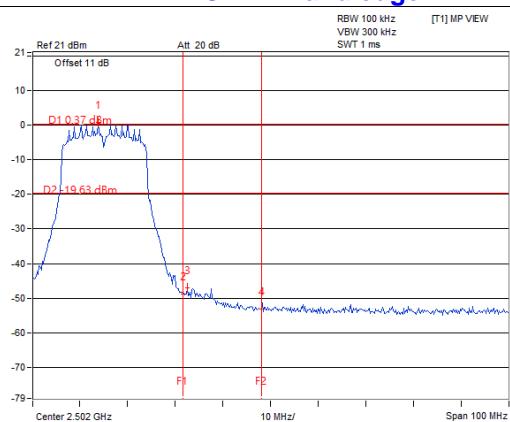
## CH 13



## CH 1 Band edge

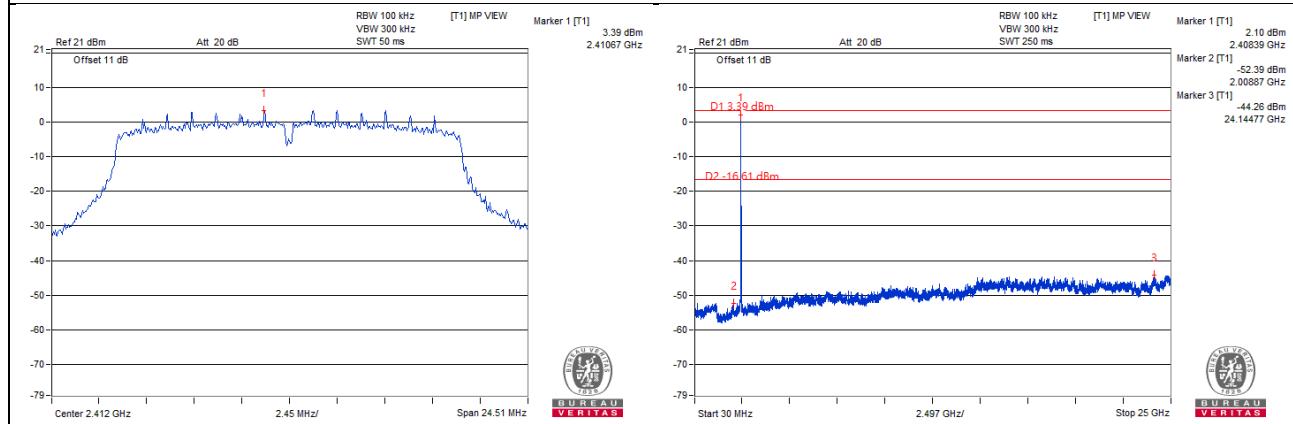


## CH 12 Band edge

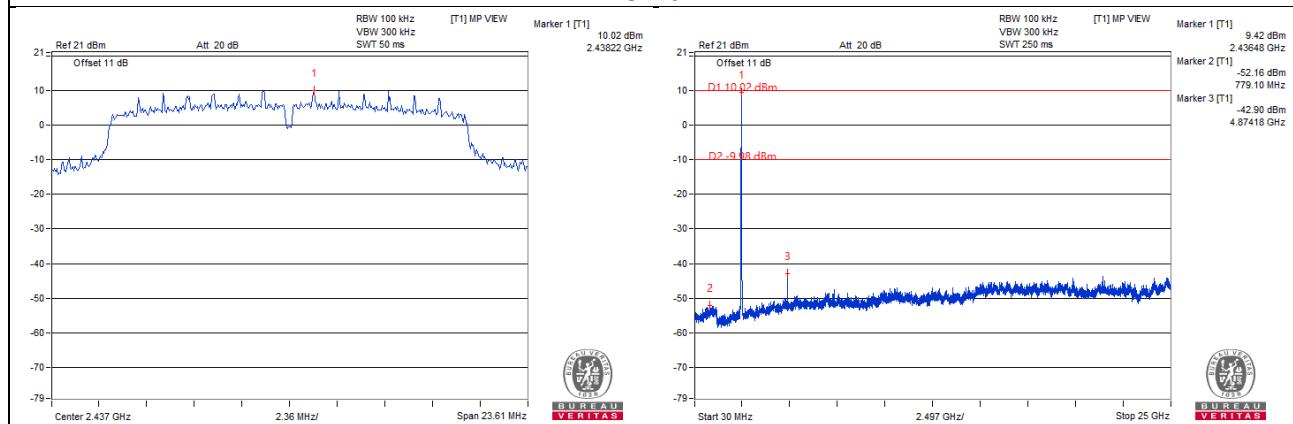


## Chain 1

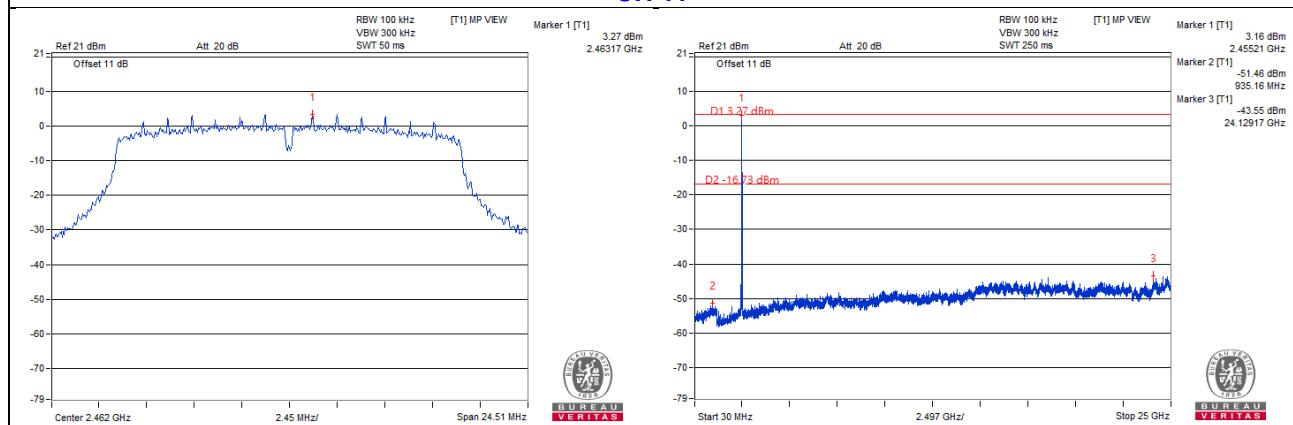
### CH 1



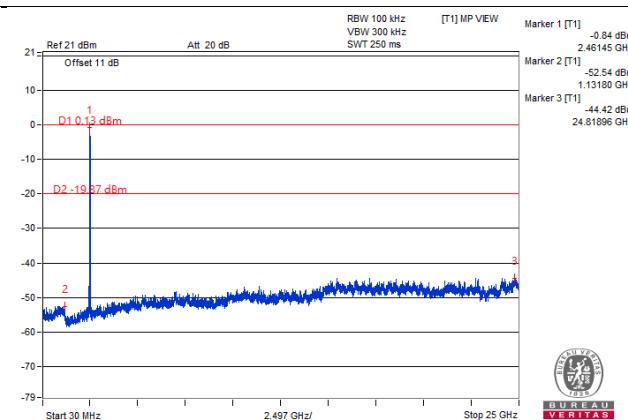
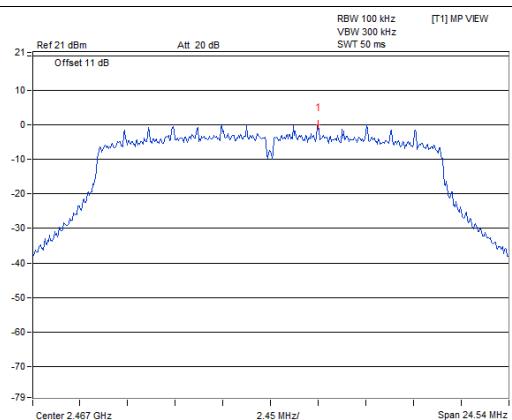
### CH 6



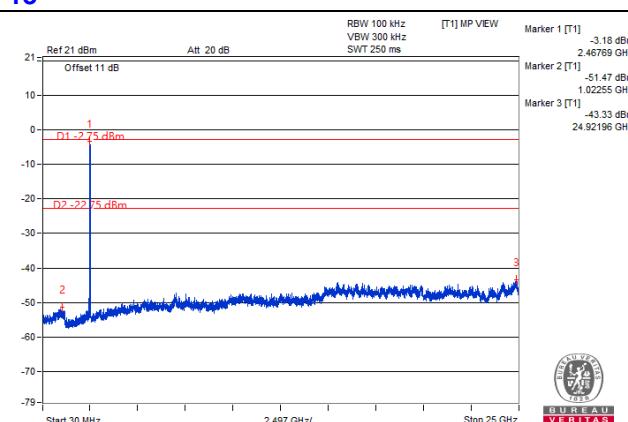
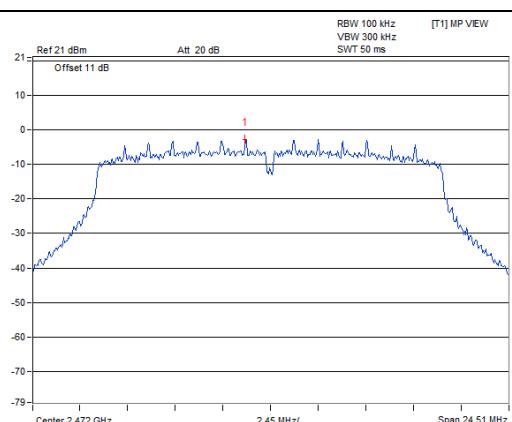
### CH 11



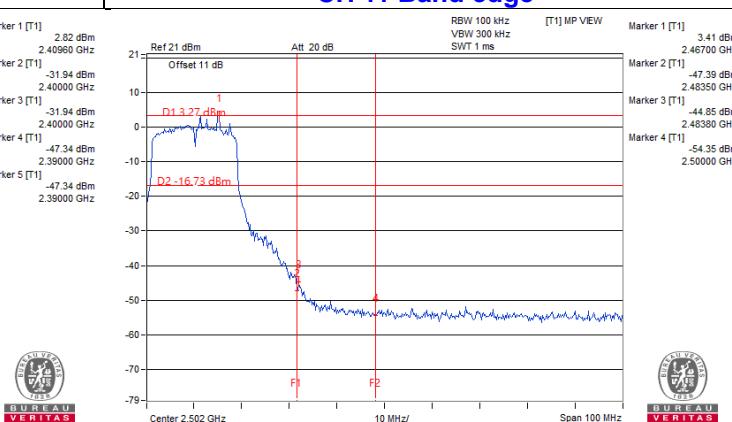
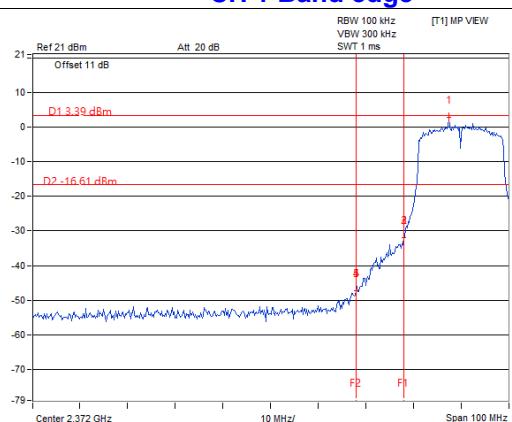
## CH 12



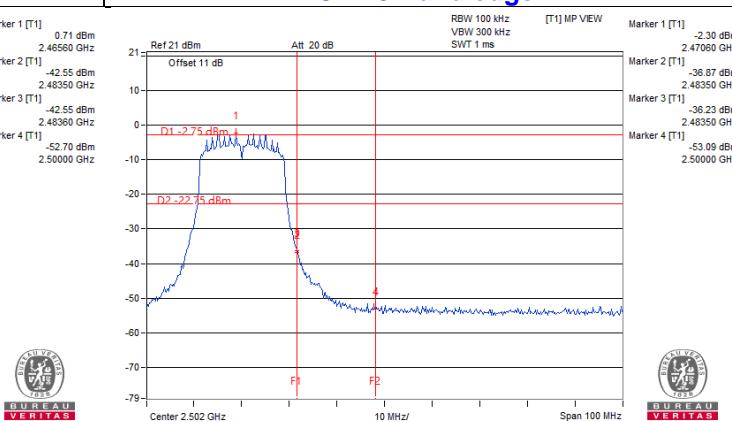
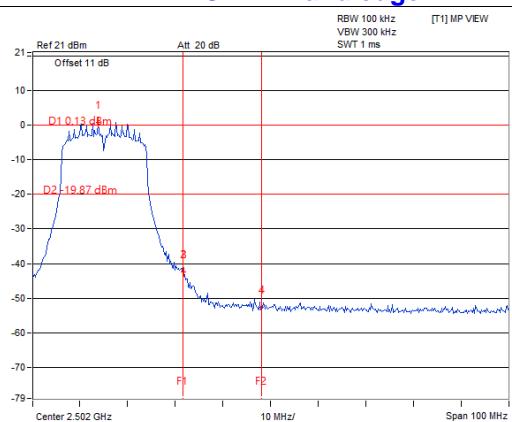
## CH 13



## CH 1 Band edge

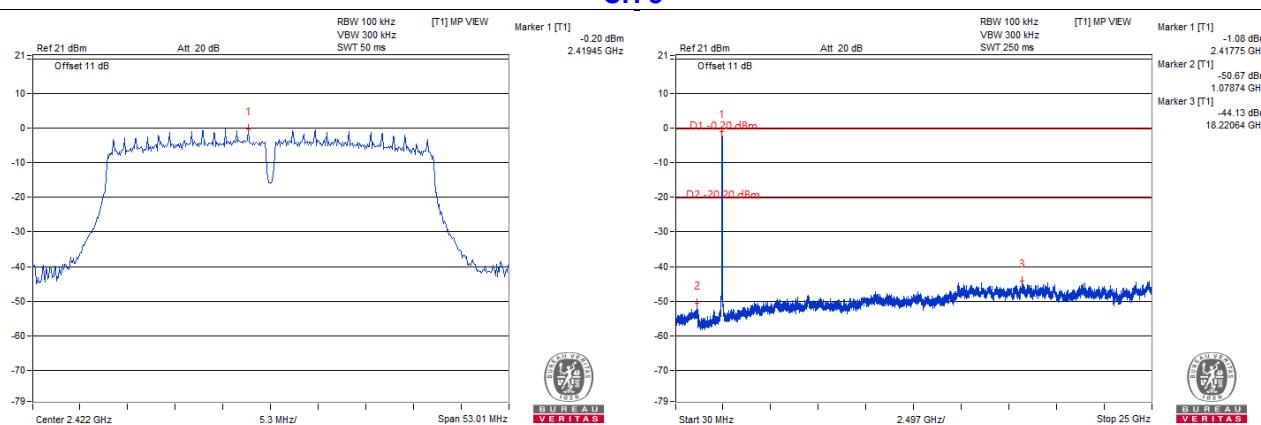


## CH 12 Band edge

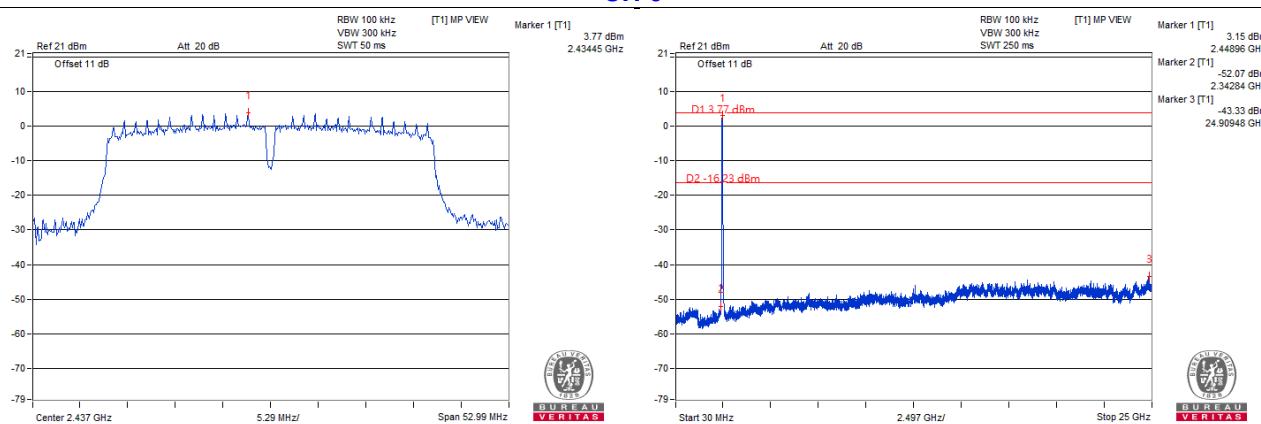


## VHT40 - Chain 0

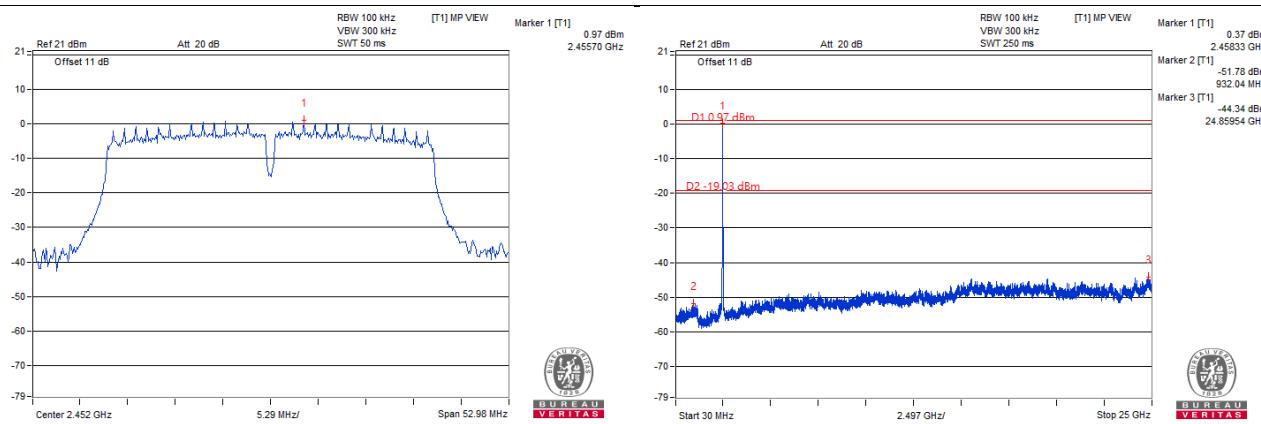
### CH 3



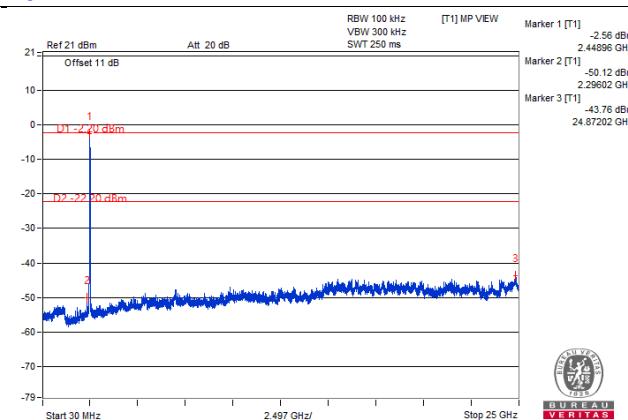
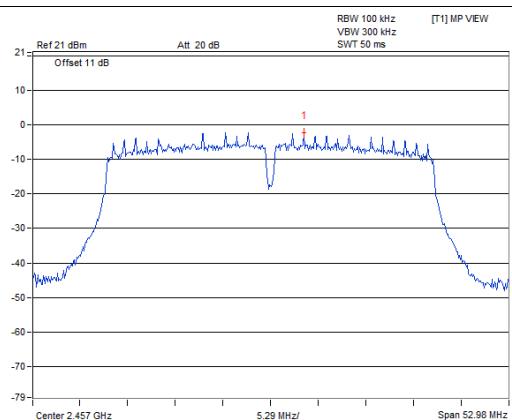
### CH 6



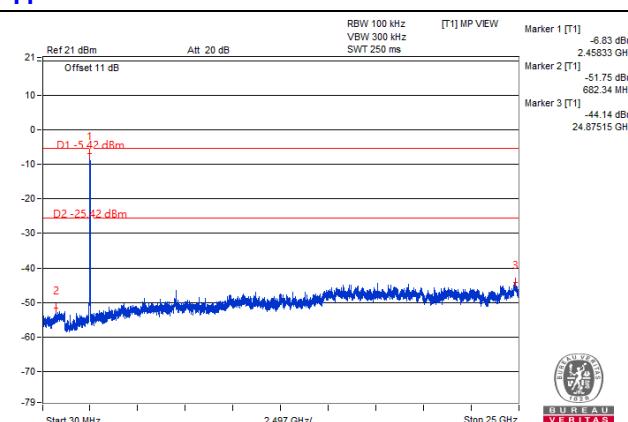
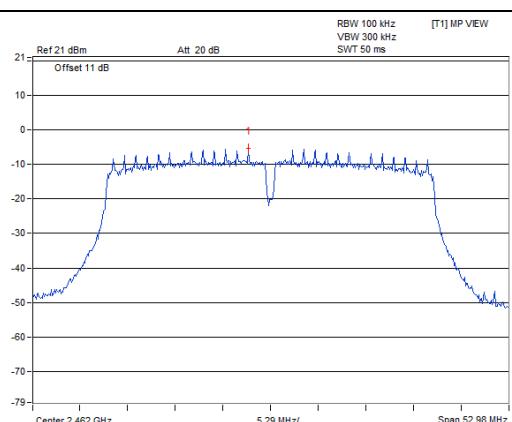
### CH 9



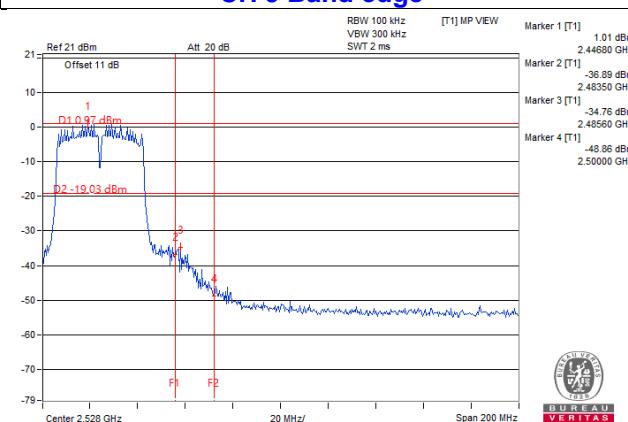
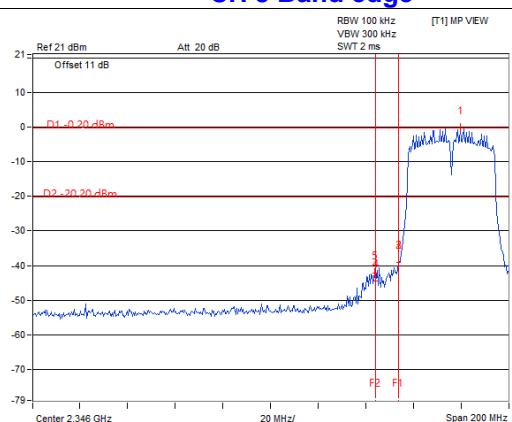
## CH 10



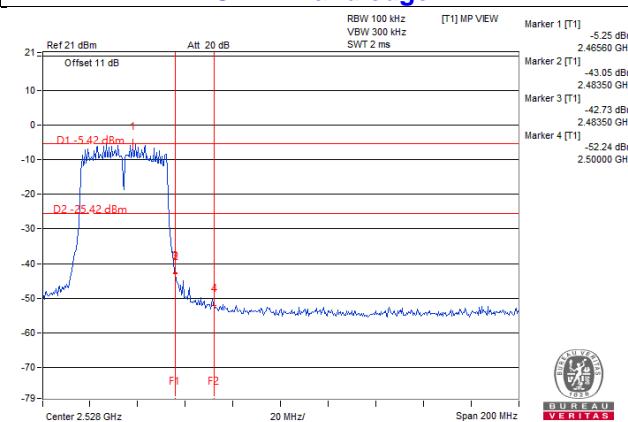
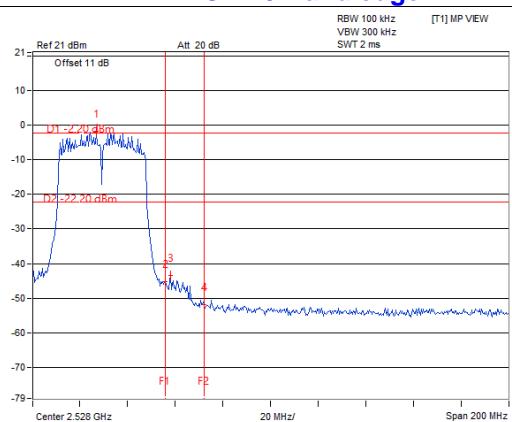
## CH 11



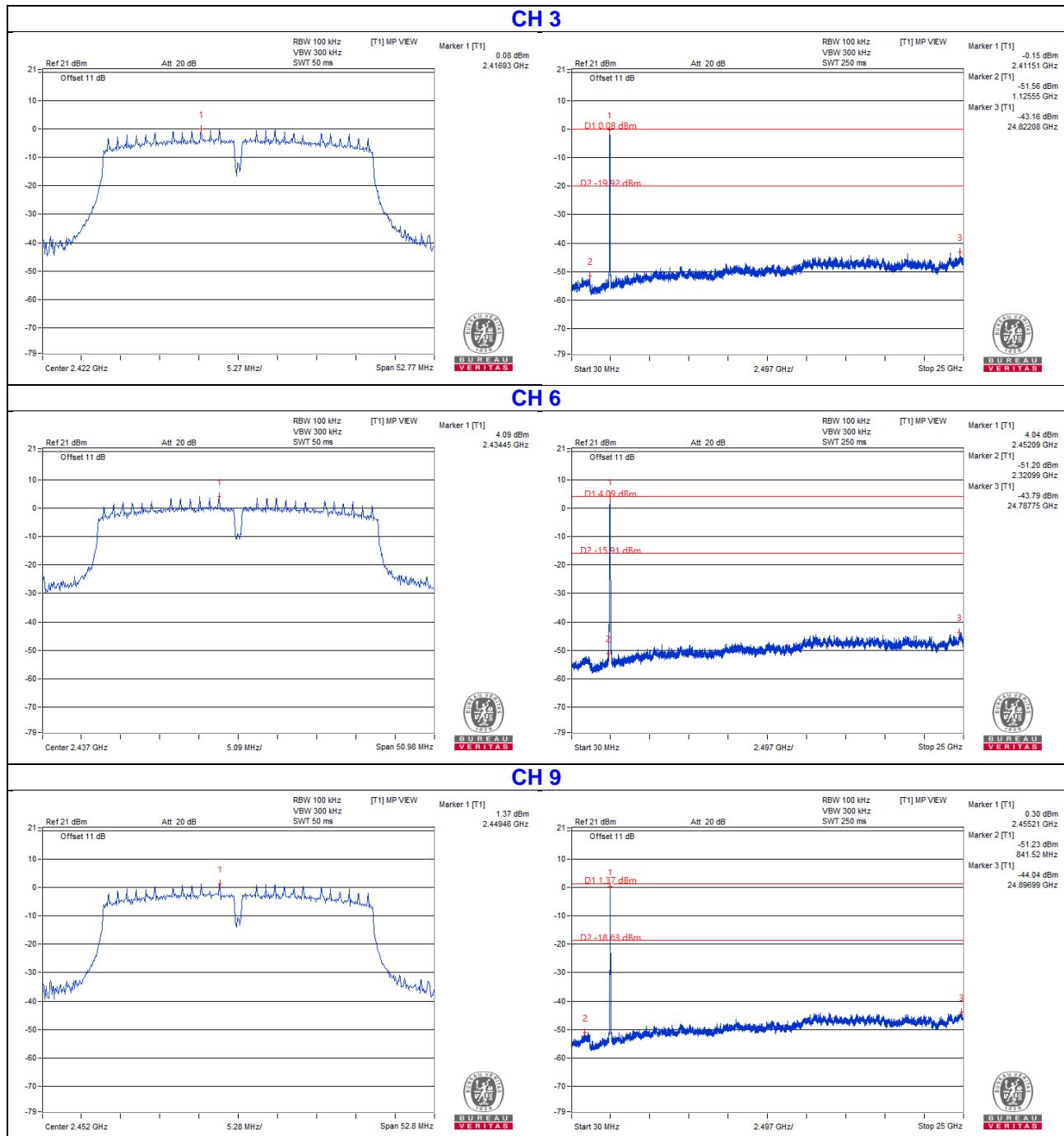
## CH 3 Band edge



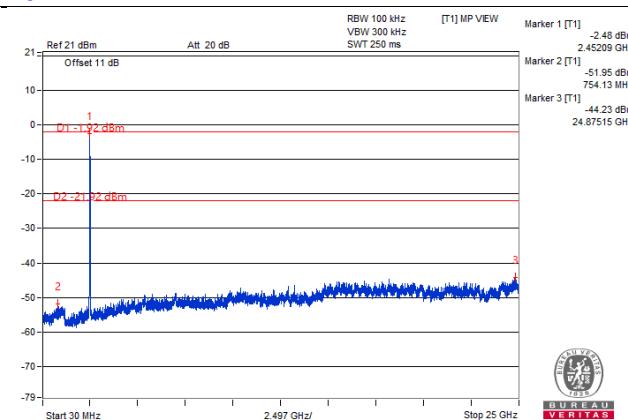
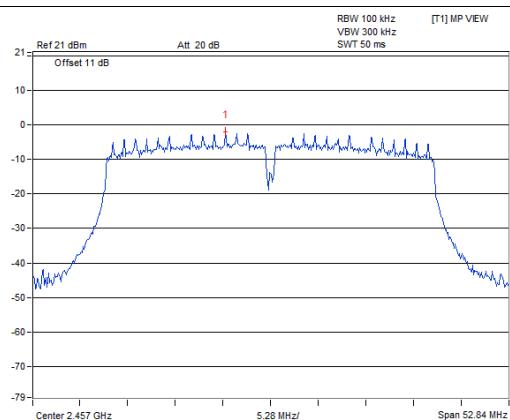
## CH 10 Band edge



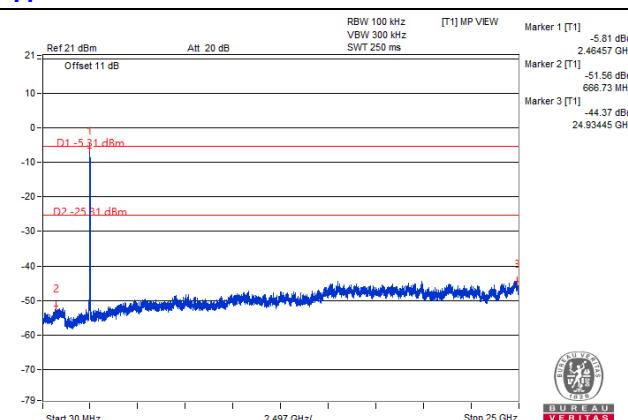
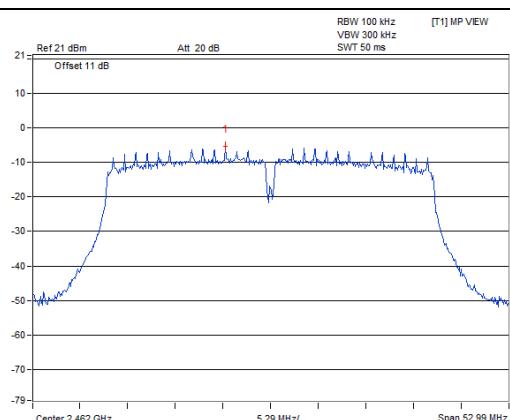
## Chain 1



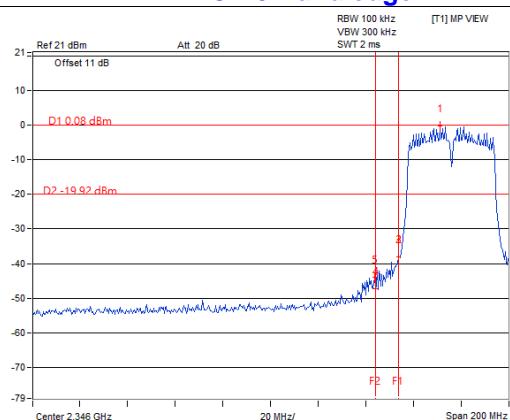
## CH 10



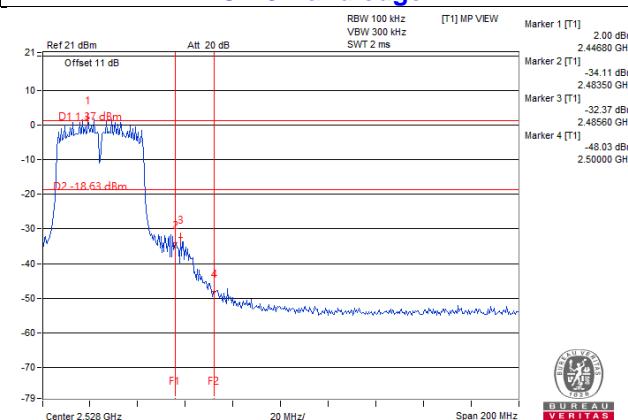
## CH 11



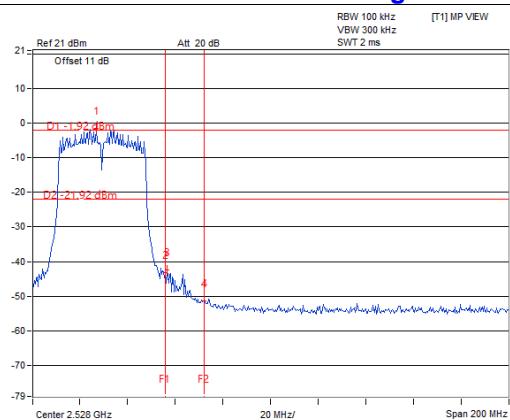
## CH 3 Band edge



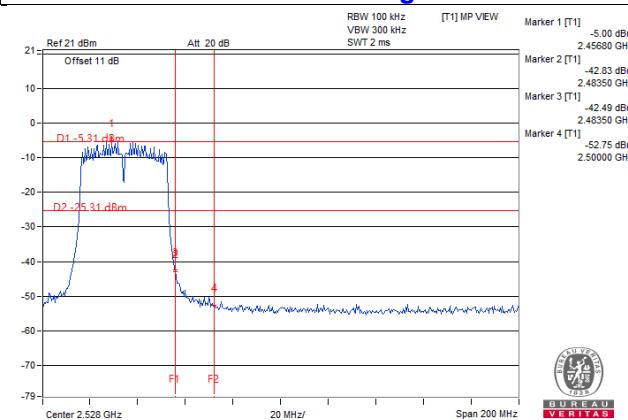
## CH 9 Band edge



## CH 10 Band edge

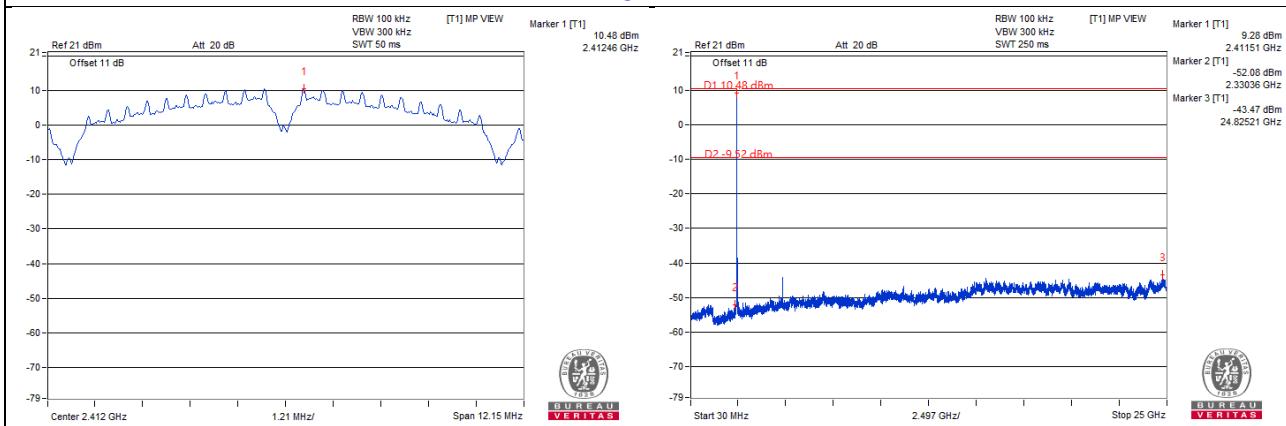


## CH 11 Band edge

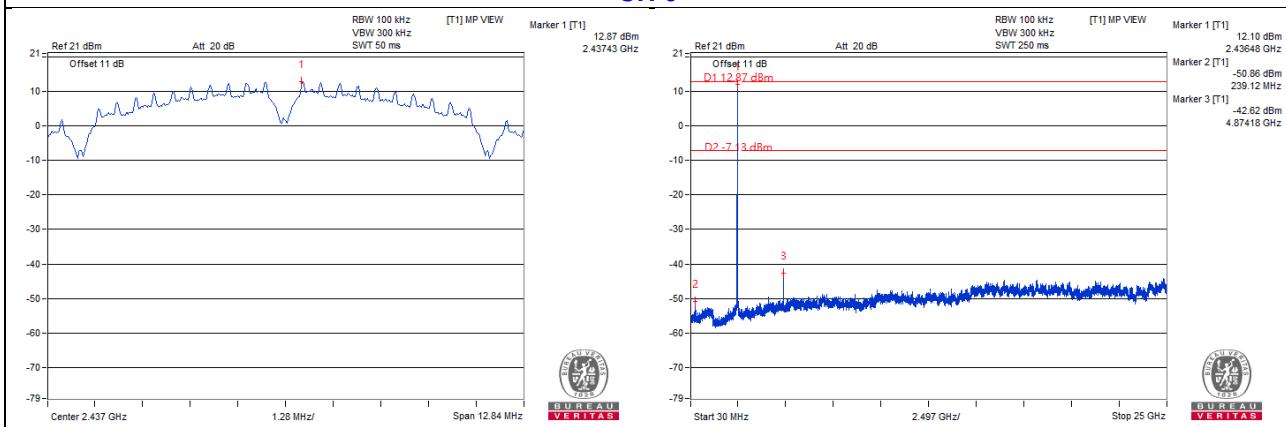


## 1TX Mode 802.11b

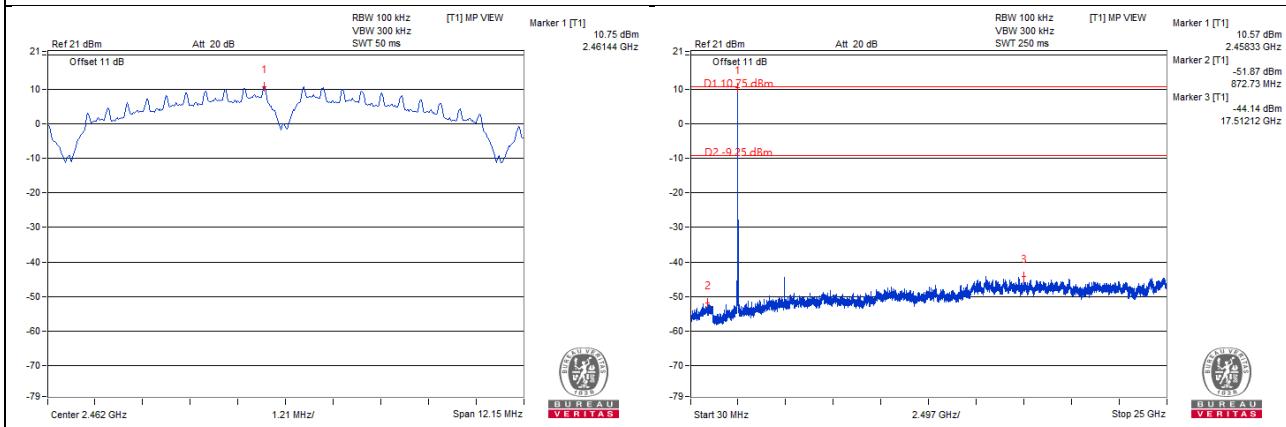
**CH 1**



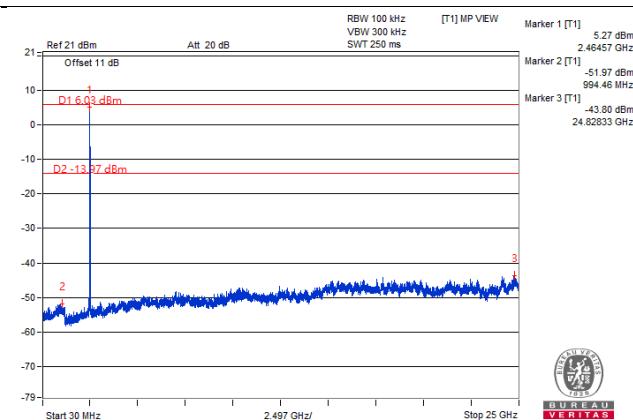
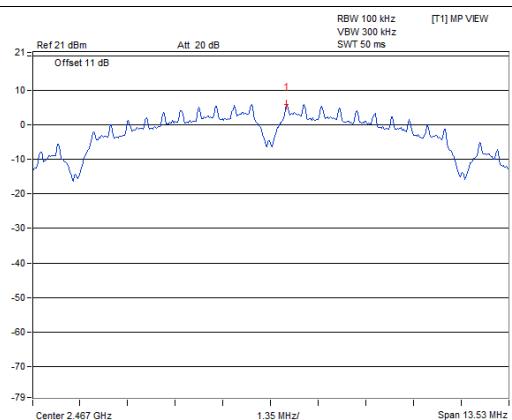
**CH 6**



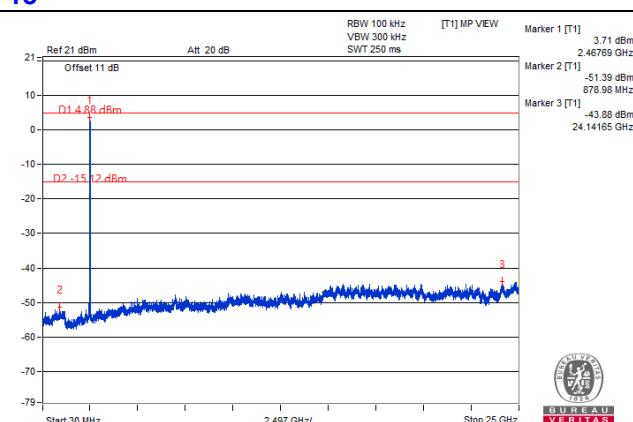
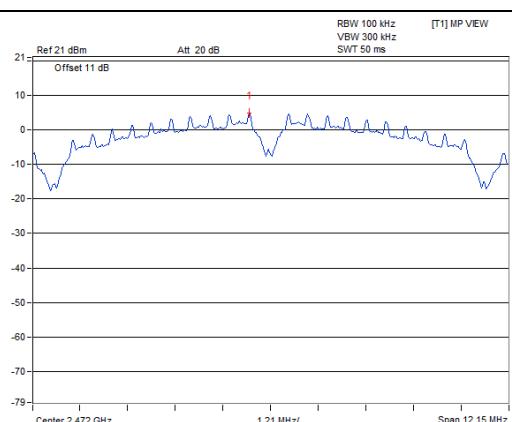
**CH 11**



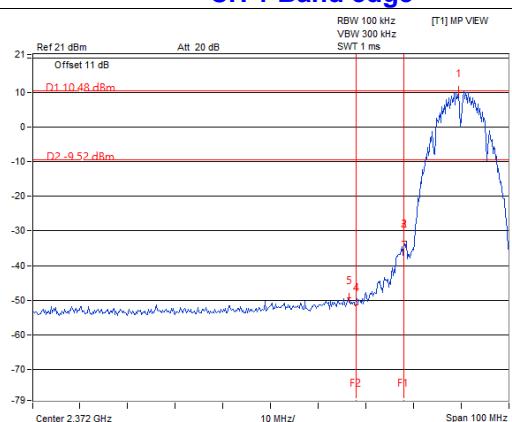
## CH 12



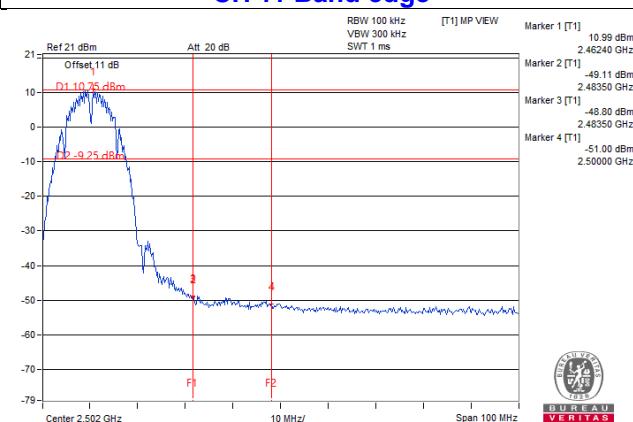
## CH 13



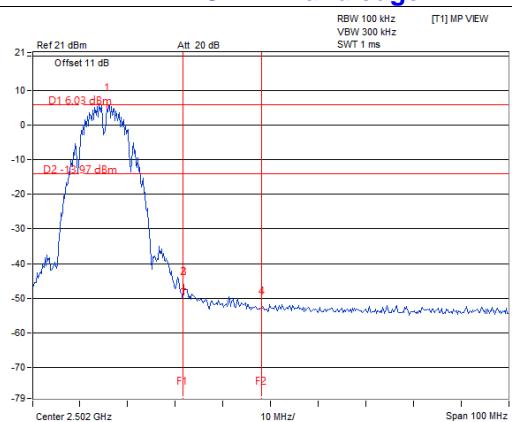
## CH 1 Band edge



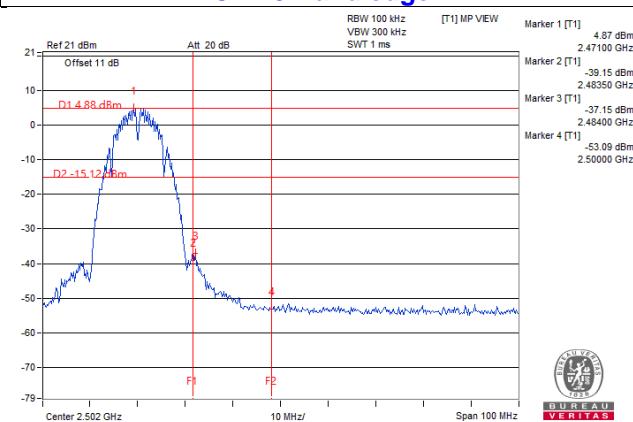
## CH 11 Band edge



## CH 12 Band edge

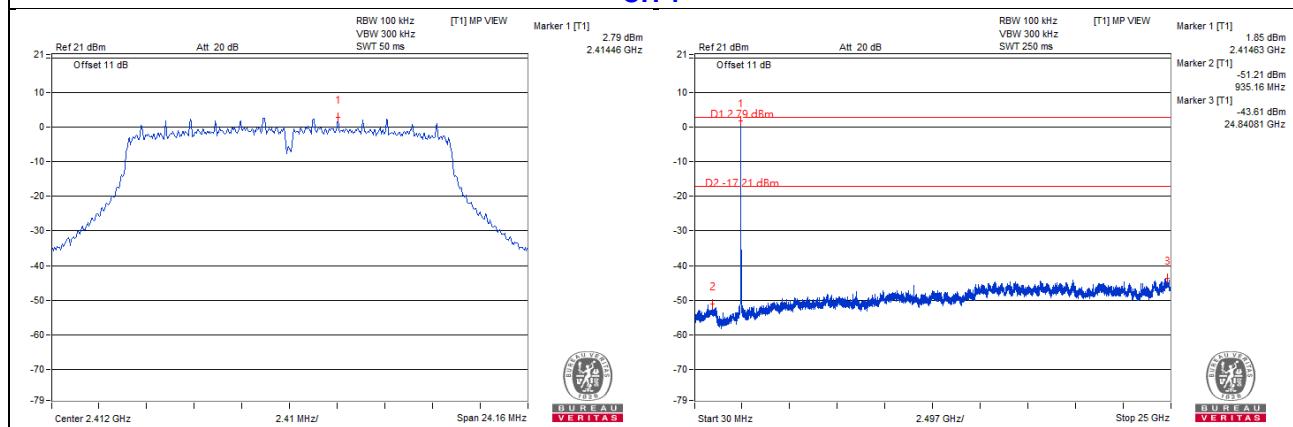


## CH 13 Band edge

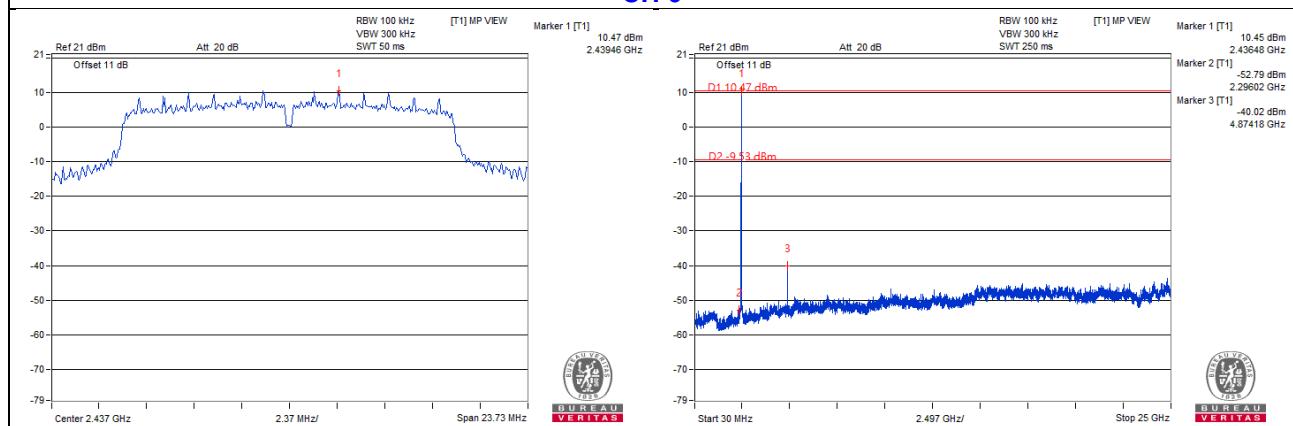


## 802.11g

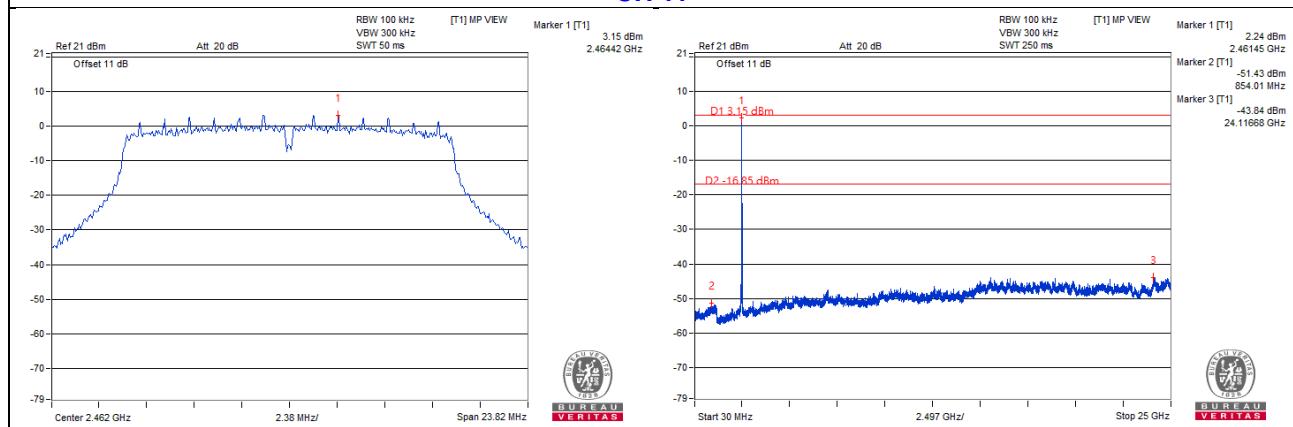
### CH 1



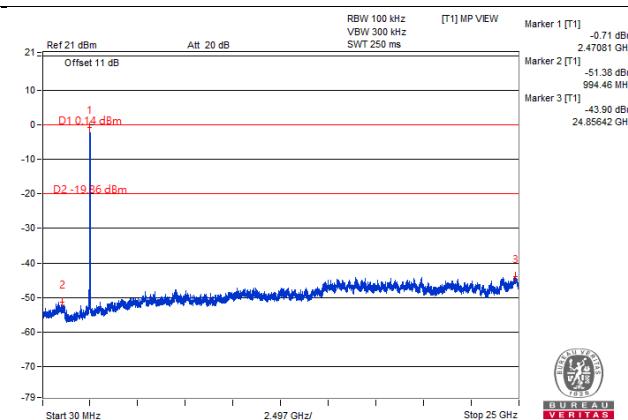
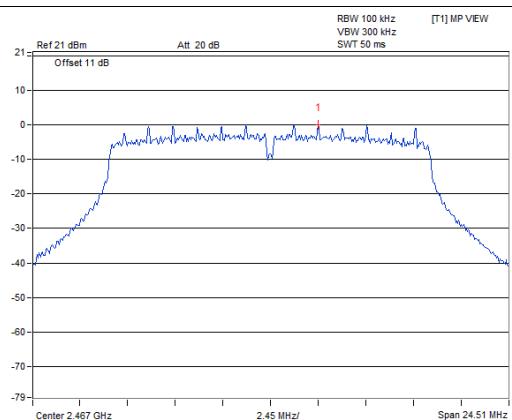
### CH 6



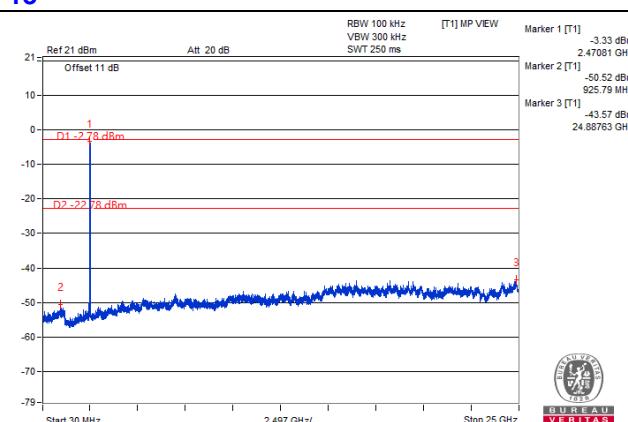
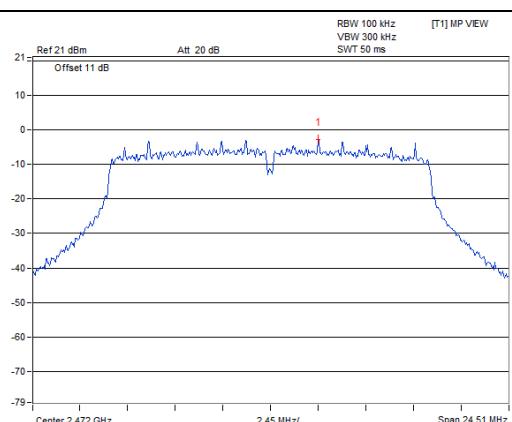
### CH 11



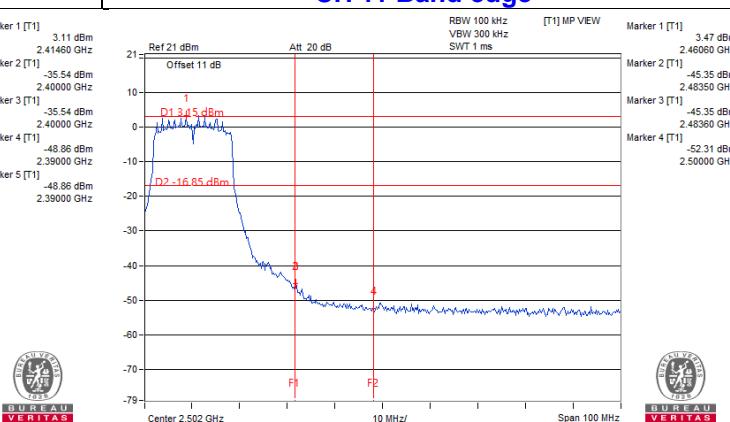
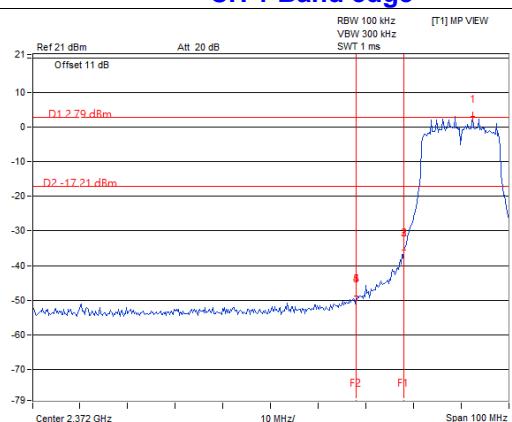
## CH 12



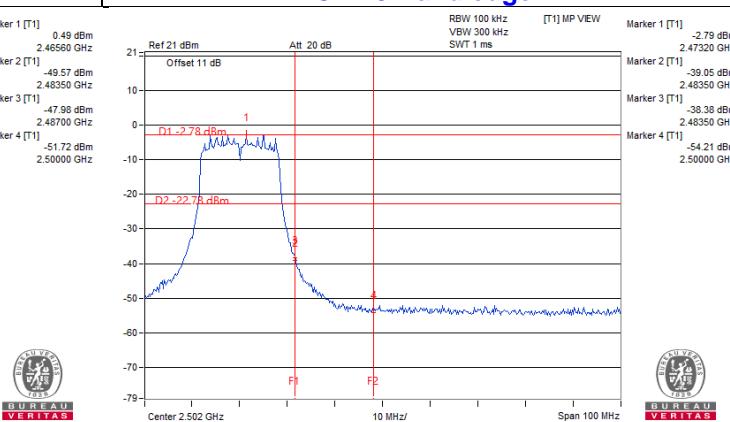
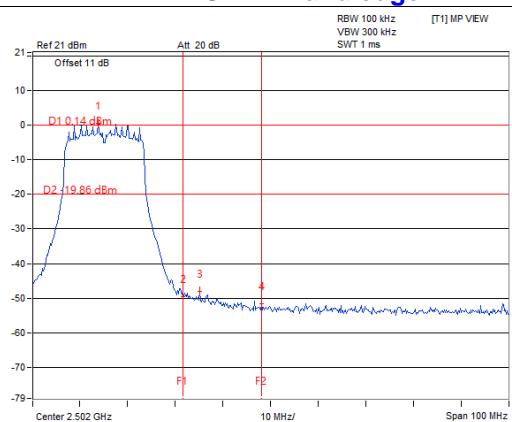
## CH 13



## CH 1 Band edge

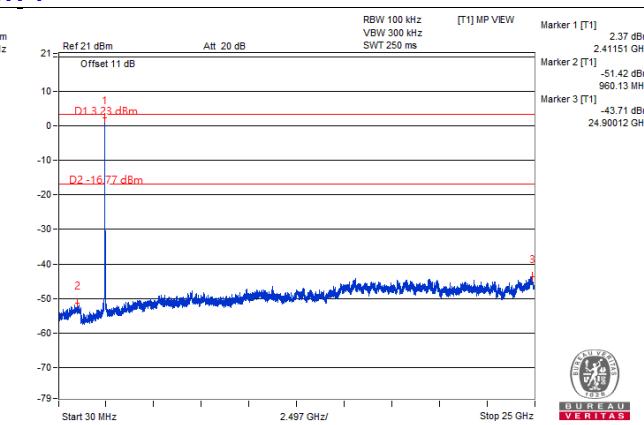
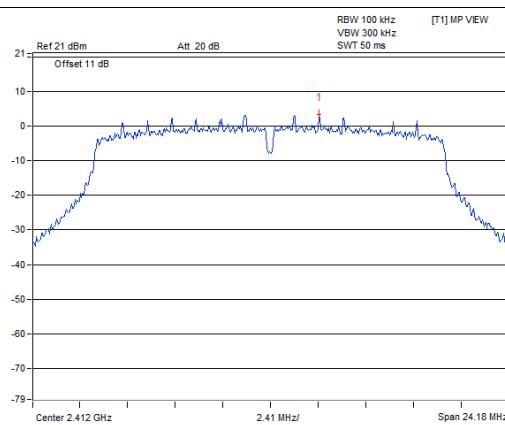


## CH 12 Band edge

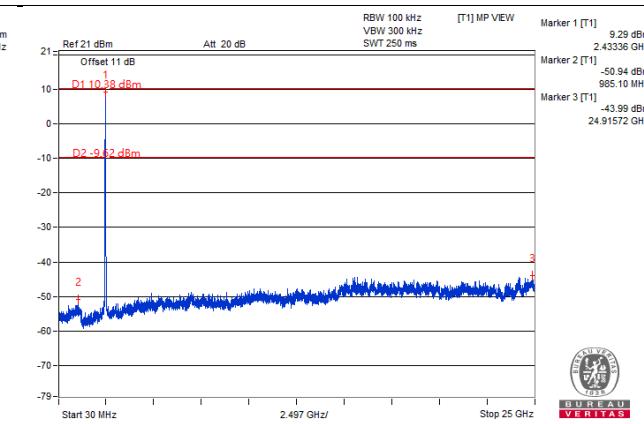
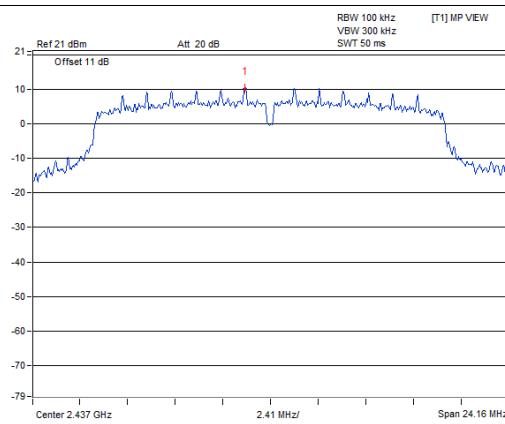


## VHT20

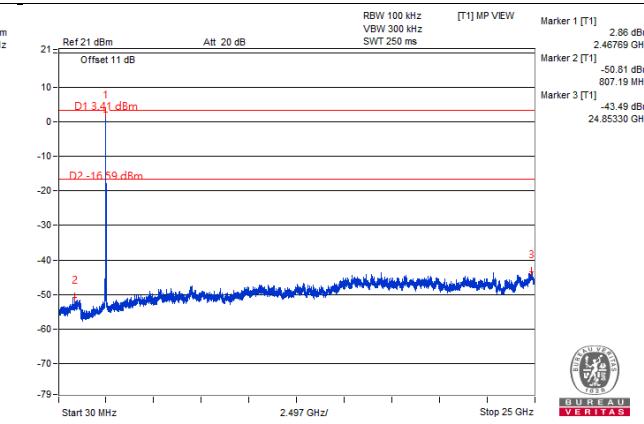
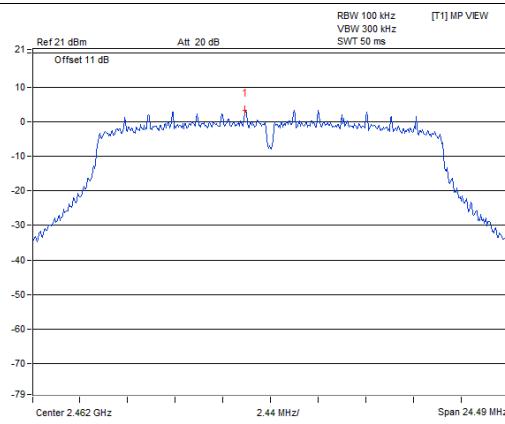
### CH 1



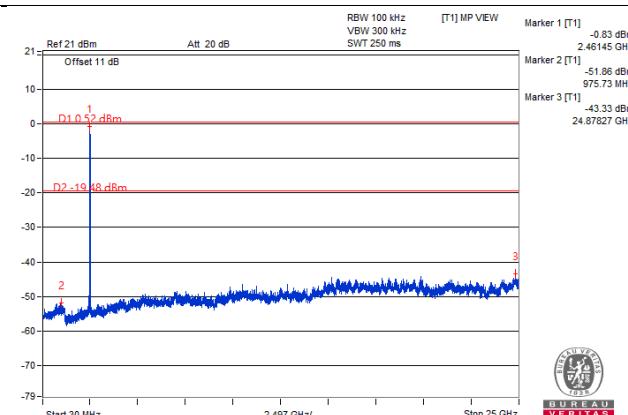
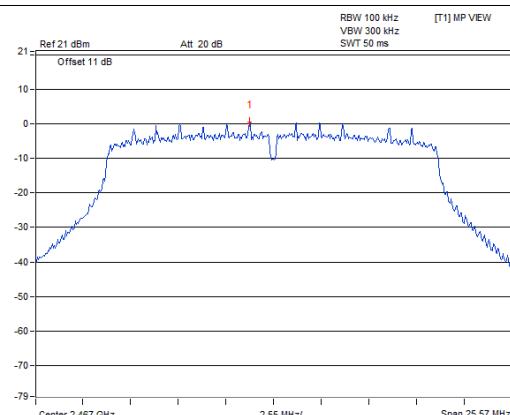
### CH 6



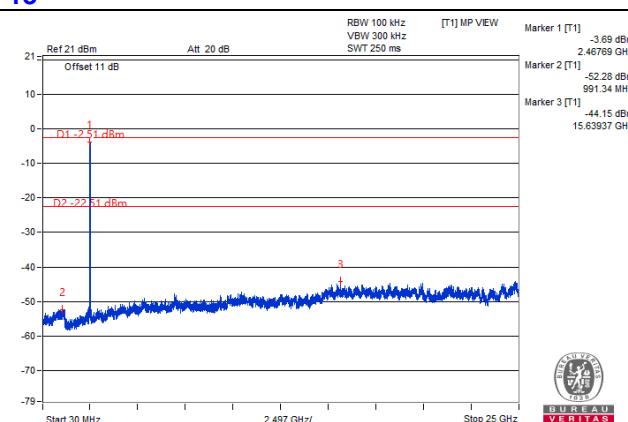
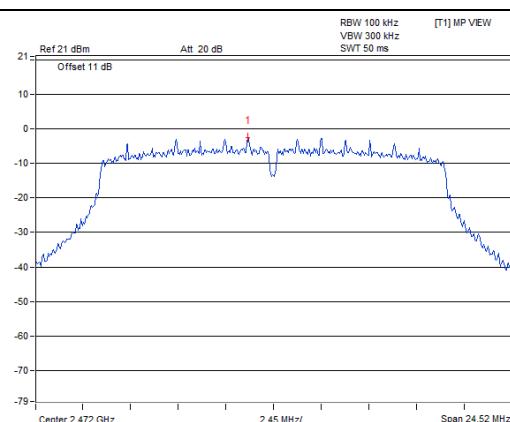
### CH 11



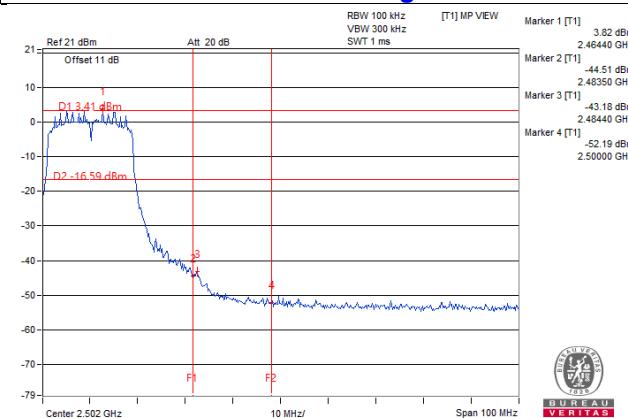
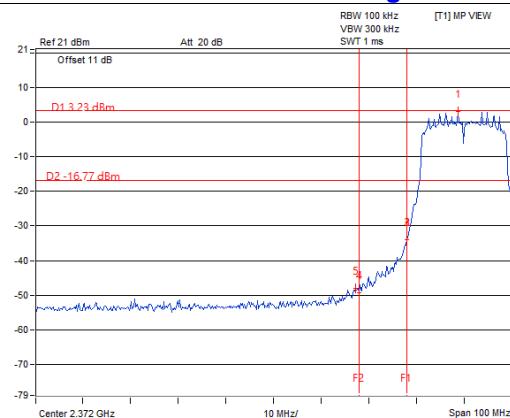
### CH 12



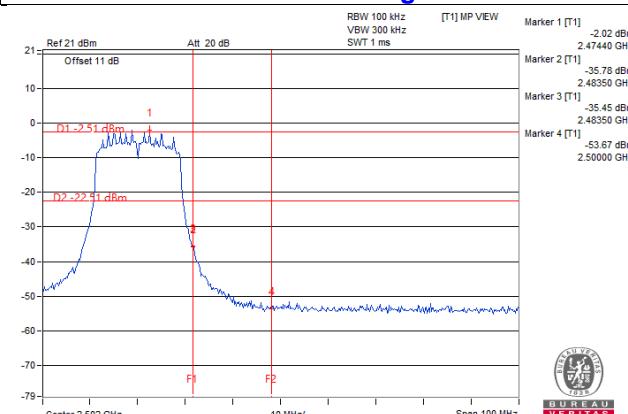
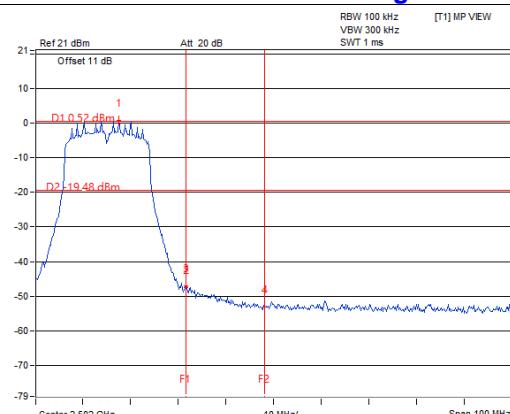
### CH 13



### CH 1 Band edge

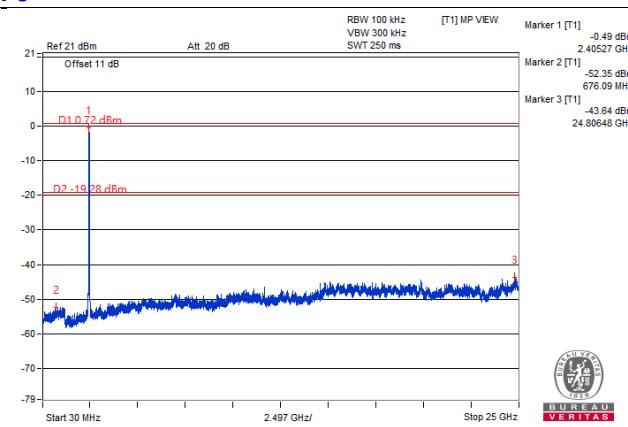
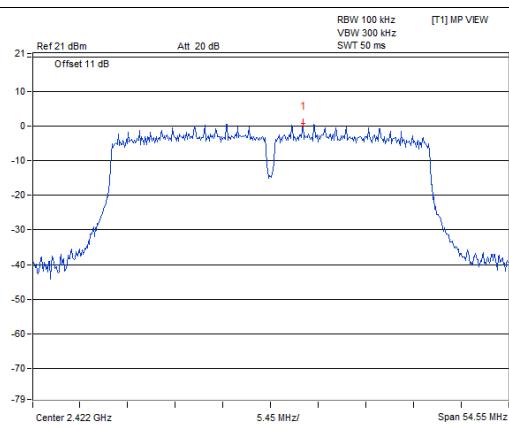


### CH 12 Band edge

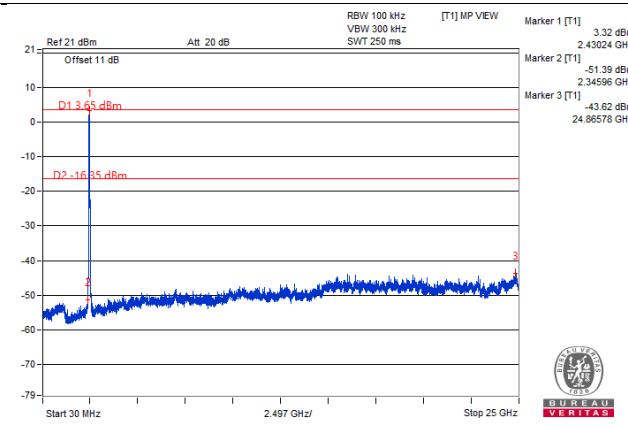
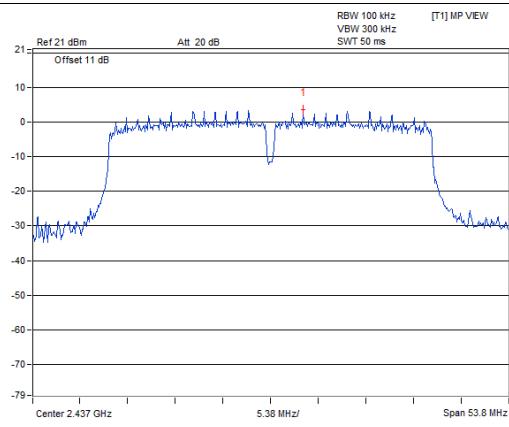


## VHT40

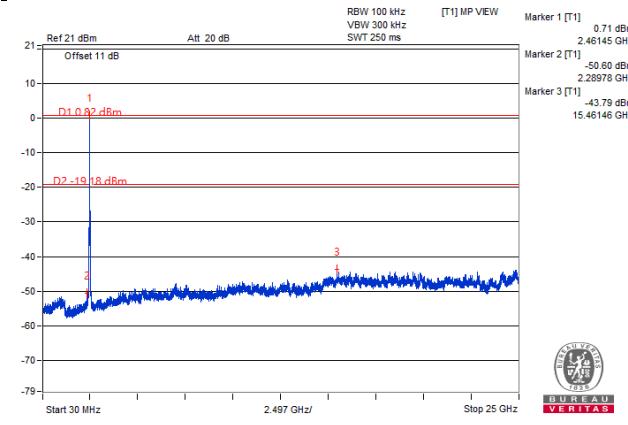
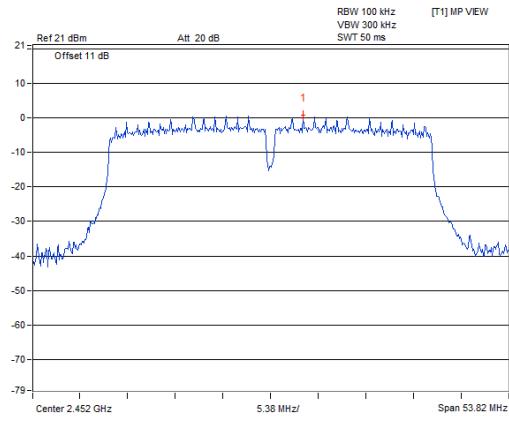
### CH 3



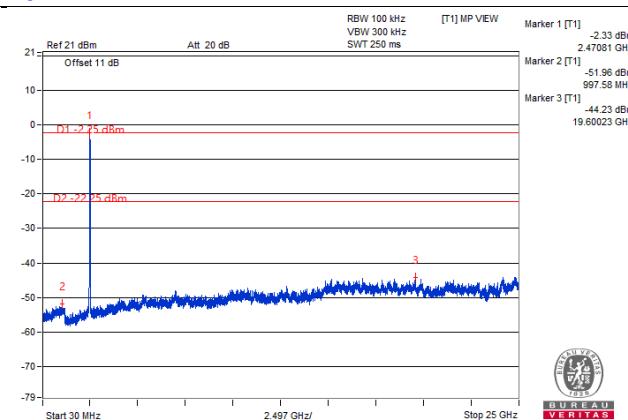
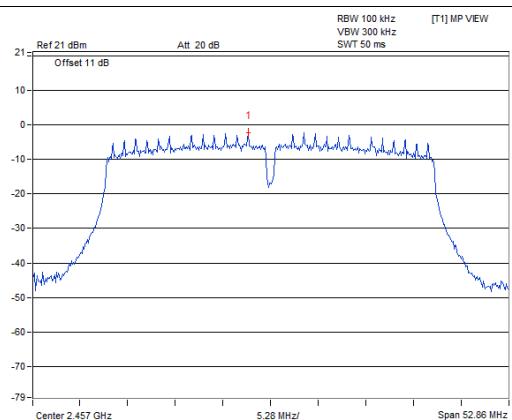
### CH 6



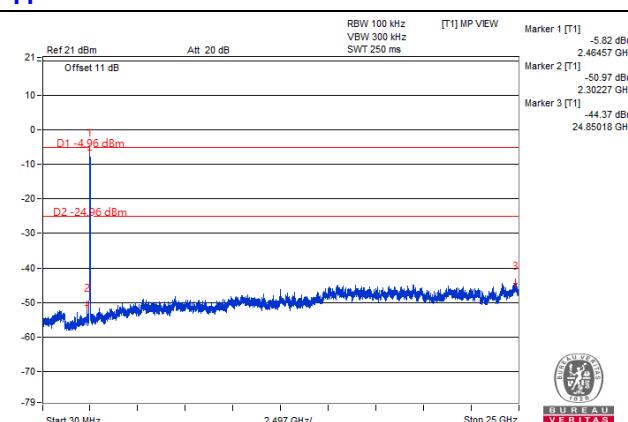
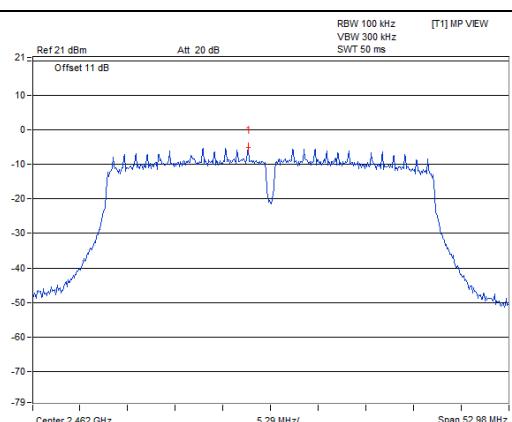
### CH 9



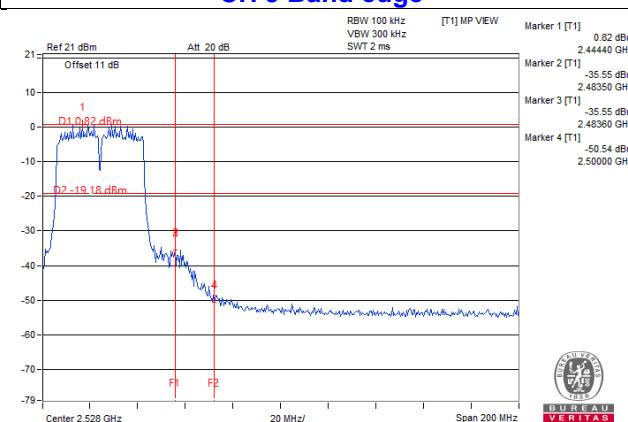
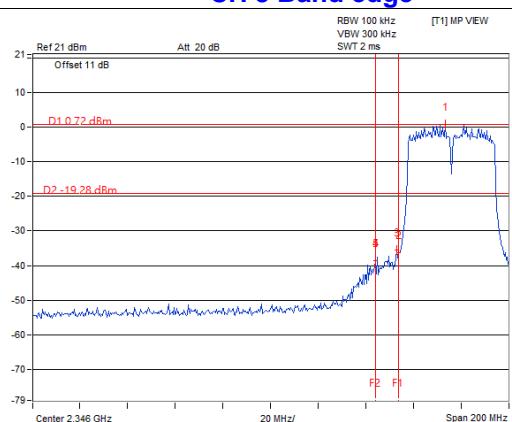
## CH 10



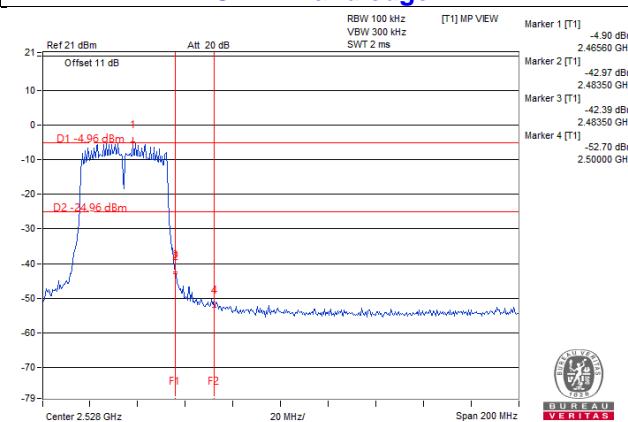
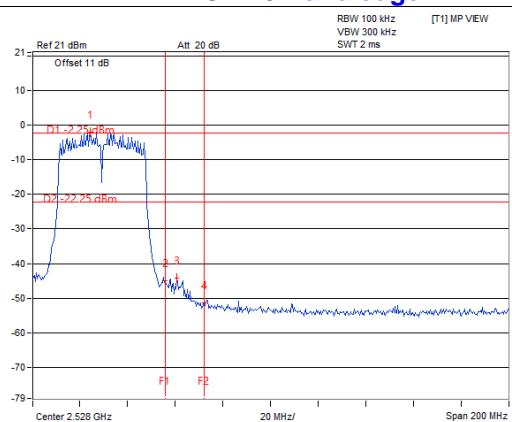
## CH 11



## CH 3 Band edge



## CH 10 Band edge



## 5 Pictures of Test Arrangements

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

## Appendix – Information on the Testing Laboratories

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

If you have any comments, please feel free to contact us at the following:

**Linkou EMC/RF Lab**

Tel: 886-2-26052180

Fax: 886-2-26051924

**Hsin Chu EMC/RF/Telecom Lab**

Tel: 886-3-6668565

Fax: 886-3-6668323

**Hwa Ya EMC/RF/Safety Lab**

Tel: 886-3-3183232

Fax: 886-3-3270892

**Email:** [service.adt@tw.bureauveritas.com](mailto:service.adt@tw.bureauveritas.com)

**Web Site:** [www.bureauveritas-adt.com](http://www.bureauveritas-adt.com)

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

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