FCC TEST REPORT
(WLAN 15.247)

REPORT NO.:	RF120720E09 R2
MODEL NO.:	VC70N0
FCC ID:	UZ7VC70N0
RECEIVED:	July 20, 2012
TESTED:	Sep. 10 to Nov. 07, 2012
ISSUED:	Nov. 14, 2012

APPLICANT:	Motorola Solutions, Inc.
ADDRESS:	One Motorola Plaza Holtsville NY 11742-1300 USA

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
LAB ADDRESS :	No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.
TEST LOCATION (1):	No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.
TEST LOCATION (2):	No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF120720E09	Original release	Nov. 08, 2012
RF120720E09 R1	Modified the description on section 3.1, section 3.4 & section 3.5	Nov. 09, 2012
RF120720E09 R2	Modified the description on section 3.5	Nov. 14, 2012

1. CERTIFICATION

PRODUCT:	Vehicle Computer
BRAND NAME:	MOTOROLA
MODEL NO.:	VC70N0
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	Motorola Solutions, Inc.
TESTED:	Sep. 10 to Nov. 07, 2012
STANDARDS:	**FCC Part 15, Subpart C (Section 15.247)** ANSI C63.10-2009

The above equipment (Model: VC70N0) 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 : Phoenix Huang , **DATE:** Nov. 14, 2012
(Phoenix Huang, Specialist)

APPROVED BY : , **DATE:** Nov. 14, 2012
(May Chen, Deputy Manager)

2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

For 2.4GHz, 2412~2472MHz Band

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.247)			
STANDARD SECTION	**TEST TYPE**	**RESULT**	**REMARK**
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -6.54dB at 4.43750MHz
15.247(d) 15.209	Radiated Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -1.5dB at 2483.50MHz (band-edge)
15.247(d)	Band Edge Measurement	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	1. No antenna connector is used. (For Internal Antenna) 2. Antenna connector is RRSMA (For External Antenna)

For 5GHz, 5725~5850MHz Band

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.247)			
STANDARD SECTION	**TEST TYPE**	**RESULT**	**REMARK**
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -6.37dB at 4.43750MHz
15.247(d) 15.209	Radiated Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -7.0dB at 320.00MHz
15.247(d)	Band Edge Measurement	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	1. No antenna connector is used. (For Internal Antenna) 2. Antenna connector is RRSMA (For External Antenna)

NOTE: The EUT was operating in 2.400 ~ 2.4835GHz, 5.15~5.35GHz, 5.47~5.725GHz and 5.725~5.850GHz frequencies band. This report was recorded the RF parameters including 2.400 ~ 2.4835GHz and 5.725~5.850GHz. For the 5.15~5.35GHz and 5.47~5.725GHz RF parameters was recorded in another test report.

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:

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

Measurement	Value
Conducted emissions	2.98 dB
Radiated emissions (30MHz-1GHz)	4.89 dB
Radiated emissions (1GHz -18GHz)	2.49 dB
Radiated emissions (18GHz -40GHz)	2.70 dB

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT (WLAN)

PRODUCT	Vehicle Computer
MODEL NO.	VC70N0
POWER SUPPLY	DC 12V from power supply
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS, OFDM
TRANSFER RATE	802.11b: up to11Mbps 802.11g / a: up to 54Mbps 802.11n (HT20, 800ns GI): up to 65Mbps 802.11n (HT20, 400ns GI): up to 72.2Mbps
OPERATING FREQUENCY	**For 15.407** 5GHz: 5.18 ~ 5.24GHz, 5.26 ~ 5.32GHz, 5.47~5.6GHz, 5.65~5.725GHz
	For 15.247 2.4GHz: 2.412 ~ 2.472GHz 5GHz: 5.745 ~ 5.825GHz
NUMBER OF CHANNEL	**For 15.407** 16 for 802.11a, 802.11n (HT20)
	For 15.247 (2.4GHz) 13 for 802.11b, 802.11g, 802.11n (HT20) **For 15.247 (5GHz)** 5 for 802.11a, 802.11n (HT20)
MAXIMUM OUTPUT POWER	**For 15.407** 802.11a: 104.713mW 802.11n (HT20): 74.131mW **For 15.247(2.4GHz)** 802.11b: 186.209mW 802.11g: 218.776mW 802.11n (HT20): 213.796mW **For 15.247(5GHz)** 802.11a: 173.780mW 802.11n (HT20): 173.780mW
ANTENNA TYPE	Please see NOTE
DATA CABLE	NA
I/O PORTS	Refer to user's manual
ASSOCIATED DEVICES	NA

NOTE:

1. There are Bluetooth 2.1 + EDR technology and WLAN 802.11 a/b/g/n technology used for the EUT. and the report number corresponds with functions are listed as below:

Function	Report No.
WLAN	RF120720E09 R2 (15.247) RF120720E09-1 R2 (15.407)
Bluetooth	RF120720E09-2 R1

2. The associated devices(optional) of EUT information are as below:

Accessory	Model	Part No.	Description	Connector
Wired Scanner 1	LS 3408	LS 3408-ER20105R	LS 3408 serial/USB laser scanner	USB
Wired Scanner 2	DS3508	DS3508-ER20005R	DS3508 USB scanner	USB
Wired Scanner 3	DS457	DS457-SR20009	DS457 USB scanner	USB
Wireless Scanner 1	RS507	RS507-IM20000CTWR	RS507 BT Hands Free Imager (FCC ID: UZ7RS507)	NA (BT wireless connection)
Wireless Scanner 2	LS3578	LS3578-ER20005WR	LS3578 BT scanner (FCC ID: H9PLMX5452)	NA (BT wireless connection)
Wireless Scanner 3	DS3578	DS3578-ER2F005WR	DS3578 BT scanner (FCC ID: H9PDS3578)	NA (BT wireless connection)
External Speaker	HSN4040A	HSN4040A	Motorola HSN4040A 13 Watt water-resistant loudspeaker	special speaker connector
PTT mic	HMN1089B	HMN1089B	Motorola HMN1089B Water-resistant Palm Microphone or equivalent	special MIC connector
Keyboard 1	KYBD-QW-VC70-01R	59-160663-01	VC70_QWERTY keyboard	USB
Keyboard 2	KYBD-NU-VC70-01R	59-160661-01	VC70_21 keys_Functional/Numeric keyboard	USB
Keyboard 3	VC5090KYBD-00R	VC5090KYBD-02R	VC50_QWERTY keyboard	USB
Printer 1	RW420	R4D-0UBA000N-00	RW420 / Zebra, Printer.	RS232
Printer 2	MF2TE	200380-100	Microflash Series MF 2T, O'Neil, Easy Print	NA (BT wireless connection)
Power Supply 1	AA27410L	PWRS-9-60VDC-01R	Input Voltage: 9-60Vdc; Output Voltage: 12Vdc	DC input connector
Power Supply 2	50-14000-241R	PWRS-14000-241R	Input Voltage: 110-240Vac; Output Voltage: 12Vdc	DC input connector
Wired Scanner 1, Wireless Scanner 1 and Printer 1 were chosen for final test.				

3. The EUT has two variants, which are identical to each other in all aspects except for the following table:

Sample	Brand	Model	Difference
1	MOTOROLA	VC70N0	Heater
2	MOTOROLA	VC70N0	Non-heater

From the above samples, test **sample 1** was selected as representative model for the test and its data was recorded in this report.

4. The EUT could be supplied from a battery, the information are listed as below:

Brand:	Palladium
Part No.:	82-161178-01
Rating:	3.7V, 1880mAh

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

No.	Brand	Model	ANT Type	Connecter Type (External only)	Freq. Range (MHz to MHz)	Gain (dBi) (Including cable loss)	Cable Loss (dB)	Cable Length
1	Aristotle	RFA-02-G78-1	PIFA	N/A	2400-2500	1.7 (for BT)	0.783	27cm
2	Aristotle	RFA-02-G78-1	PIFA	N/A	2400-2500	1.1 (for Main WLAN)	0.58	20cm
3	Aristotle	RFA-02-G78-1	PIFA	N/A	4900-5850	4.7 (for Main WLAN)	0.96 ~ 1.06	20cm
4	Aristotle	RFA-02-G78-1	PIFA	N/A	2400-2500	-0.5 (for Aux WLAN)	0.783	27cm
5	Aristotle	RFA-02-G78-1	PIFA	N/A	4900-5850	4.3 (for Aux WLAN)	1.296 ~ 1.431	27cm
6	PCTEL	GPSDBHF	Shark-shape	RRSMA	2400-2500	1.18 (for External WLAN)	2.28	12ft
7	PCTEL	GPSDBHF	Shark-shape	RRSMA	4900-5850	0.24 (for External WLAN)	3.36 ~ 3.84	12ft

6. The EUT incorporates a SISO function without beam forming.

MODULATION MODE	TX FUNCTION
802.11b	1Tx/1Rx
802.11g	1Tx/1Rx
802.11a	1Tx/1Rx
802.11n (HT20)	1Tx/1Rx

7. 2.4GHz and 5GHz technology cannot transmit at same time.

8. Radiated and Conducted emission of the simultaneous operation (Bluetooth and WLAN technology) has been evaluated and no non-compliance was found.

9. The EUT was pre-tested in chamber under following test modes :

Pre-test Mode	Description
Mode A	Power Supply 2 + Keyboard 1 (Sample: Non-heater)
Mode B	**Power Supply 2 + Keyboard 1 (Sample: Heater)**
Mode C	Power Supply 2 + Keyboard 2 (Sample: Heater)
Mode D	Power Supply 2 + Keyboard 3 (Sample: Heater)
Mode E	Power Supply 1 (Input: 12Vdc) + Keyboard 1 (Sample: Heater)
Mode F	Power Supply 1 (Input: 24Vdc) + Keyboard 1 (Sample: Heater)

The worse radiated emission was found in **Mode B**. Therefore only the test data of the modes were recorded in this report.

10. When the EUT operating in 802.11n, the software operation, which is defined by manufacturer, MCS (Modulation and Coding Schemes) from 0 to 7.

11. The above EUT information was declared by the manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

Operated in 2400 ~ 2483.5MHz band:

Thirteen channels are provided for 802.11b, 802.11g, 802.11n (HT20):

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

Operated in 5725 ~ 5850MHz band:

Five channels are provided for 802.11a, 802.11n (HT20):

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

3.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

For 2.4GHz：

EUT CONFIGURE MODE	APPLICABLE TO					DESCRIPTION
	PLC	RE < 1G	RE ³ 1G	APCM	OB	
1	√	√	√	√	√	Antenna 6+Power Supply 2 + Keyboard 1
2	-	√	√	-	-	Antenna 2+Power Supply 2 + Keyboard 1
	√	-	-	-	-	Antenna 6+Power Supply 1 + Keyboard 1
3	-	-	√	-	-	Antenna 4+Power Supply 2 + Keyboard 1

Where **PLC:** Power Line Conducted Emission **RE < 1G:** Radiated Emission below 1GHz

RE ³ 1G: Radiated Emission above 1GHz **APCM:** Antenna Port Conducted Measurement

OB: Conducted Out-Band Emission Measurement

For 5GHz：

EUT CONFIGURE MODE	APPLICABLE TO					DESCRIPTION
	PLC	RE < 1G	RE ³ 1G	APCM	OB	
1	√	√	√	√	√	Antenna 3+Power Supply 2 + Keyboard 1
2	-	√	√	-	-	Antenna 7+Power Supply 2 + Keyboard 1
	√	-	-	-	-	Antenna 3+Power Supply 1 + Keyboard 1
3	-	-	√	-	-	Antenna 5+Power Supply 2 + Keyboard 1

Where **PLC:** Power Line Conducted Emission **RE < 1G:** Radiated Emission below 1GHz

RE ³ 1G: Radiated Emission above 1GHz **APCM:** Antenna Port Conducted Measurement

OB: Conducted Out-Band Emission Measurement

POWER LINE CONDUCTED EMISSION TEST:

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

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
For 2.4 GHz 802.11n (HT20)	1 to 13	11	OFDM	BPSK	6.5
For 5 GHz 802.11n (HT20)	149 to 165	165	OFDM	BPSK	6.5

RADIATED EMISSION TEST (BELOW 1 GHz):

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

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATIO N TYPE	DATA RATE (Mbps)
For 2.4 GHz 802.11n (HT20)	1 to 13	11	OFDM	BPSK	6.5
For 5 GHz 802.11n (HT20)	149 to 165	165	OFDM	BPSK	6.5

RADIATED EMISSION TEST (ABOVE 1 GHz):

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

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6
For 2.4 GHz 802.11n (HT20)	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6.5
802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6
For 5 GHz 802.11n (HT20)	149 to 165	149, 157, 165	OFDM	BPSK	6.5

ANTENNA PORT CONDUCTED MEASUREMENT:

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

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6
For 2.4 GHz 802.11n (HT20)	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6.5
802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6
For 5 GHz 802.11n (HT20)	149 to 165	149, 157, 165	OFDM	BPSK	6.5

CONDUCTED OUT-BAND EMISSION MEASUREMENT:

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

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

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11b	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	DSSS	DBPSK	1
802.11g	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6
For 2.4 GHz 802.11n (HT20)	1 to 13	1, 2, 3, 6, 9, 10 11, 12, 13	OFDM	BPSK	6.5
802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6
For 5 GHz 802.11n (HT20)	149 to 165	149, 157, 165	OFDM	BPSK	6.5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
PLC	26deg. C, 61%RH	120Vac, 60Hz	Jyunchun Lin
	28deg. C,56%RH	120Vac, 60Hz	Gavin Peng
RE<1G	26deg. C, 81%RH	120Vac, 60Hz	Amos Chuang
	24deg. C, 78%RH	120Vac, 60Hz	Amos Chuang
RE≥1G	26deg. C, 72%RH	120Vac, 60Hz	Amos Chuang
	26deg. C, 77%RH	120Vac, 60Hz	Amos Chuang
	23deg. C, 67%RH	120Vac, 60Hz	Robert Cheng
APCM	25deg. C, 60%RH	120Vac, 60Hz	Nelson Teng
OB	25deg. C, 60%RH	120Vac, 60Hz	Nelson Teng

3.3 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)
558074 D01 DTS Meas Guidance
ANSI C63.10-2009

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

Note: The EUT has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

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.

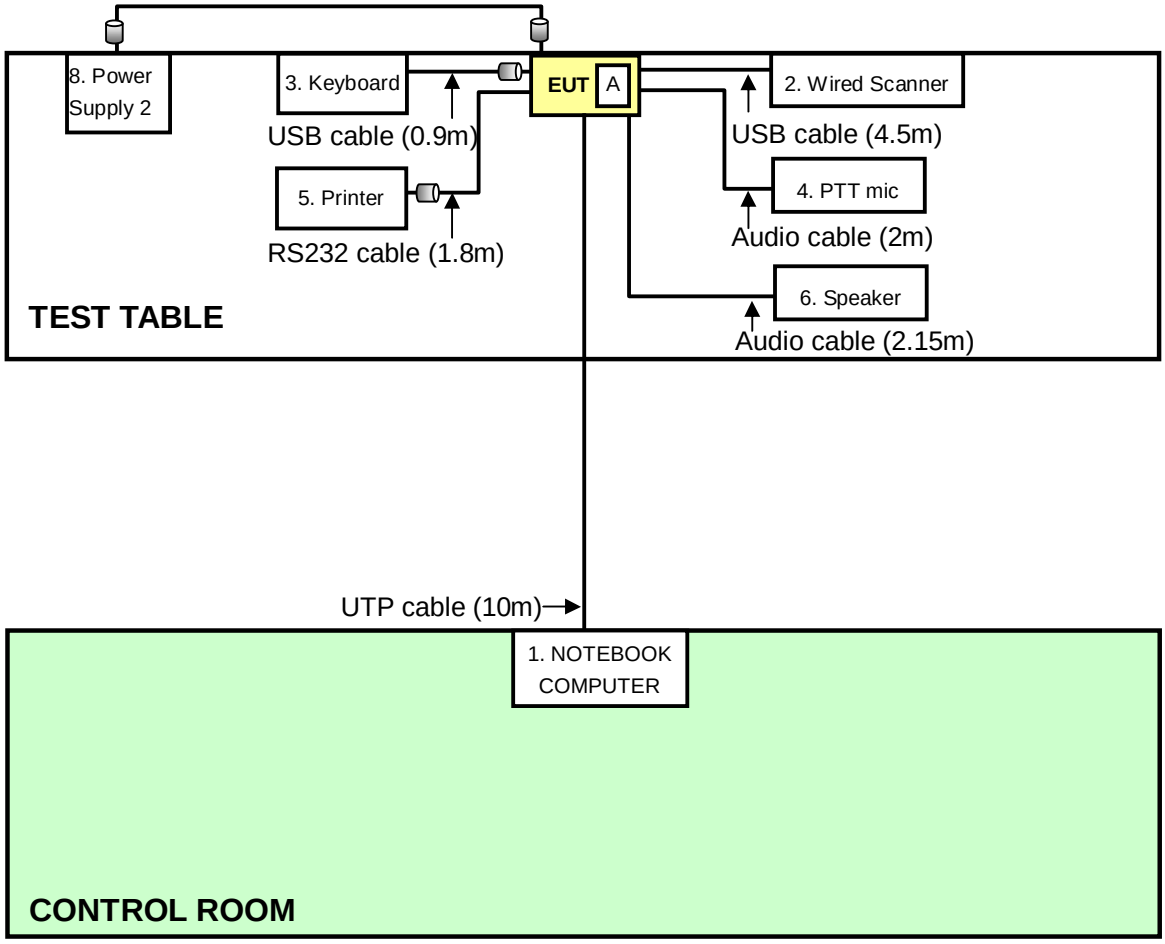
No.	Product	Brand	Model No.	Serial No.
1	NOTEBOOK COMPUTER	DELL	E6420	H62T3R1
2	Wired Scanner	NA	LS 3408	LS 3408-ER20105R
3	Keyboard	NA	KYBD-QW-VC70-01R	59-160663-01
4	PTT MIC	Motorola	HSN4040A	HSN4040A
5	Printer	NA	RW420	R4D-0UBA000N-00
6	Speaker	Motorola	HSN4039A	HSN4039A
7	Power Supply 1	Motorola	AA27410L	86-149830-01
8	Power Supply 2	Motorola	50-14000-241R	PWRS-14000-241R
9	DC Power Supply	GOOD WILL INSTRUMENT CO., LTD.	GPC-3030D	7700087

No.	Signal cable description
1	UTP cable, 10m
2	USB cable, 4.5m
3	USB cable, 0.9m with one core
4	Audio cable, 2m
5	RS232 cable, 1.8m with one core
6	Audio cable, 2.15m
7	DC cable, 2m
8	DC cable, 1.8m with two cores
9	DC cable, 0.4m

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

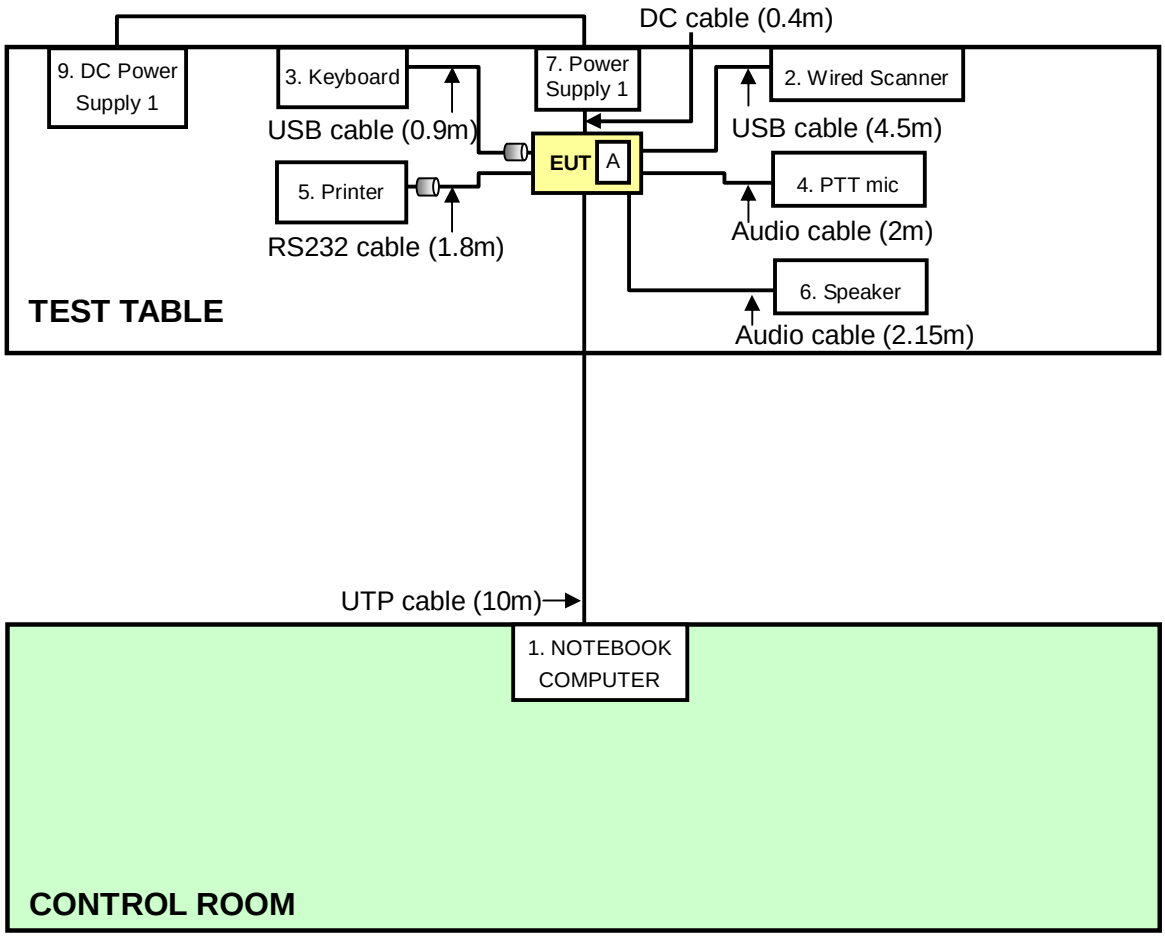
3.5 CONFIGURATION OF SYSTEM UNDER TEST

For Conducted emission (Mode 1) / Radiated emission (Mode 1~3) test:



NOTE: 1. Item A is the battery.

For Conducted emission (Mode 2) test:



NOTE: 1. Item A is the battery.

4.TEST TYPES AND RESULTS (FOR 2.4GHz, 2412 ~ 2472MHz Band)

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

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

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 0.50 MHz.

4.1.2 TEST INSTRUMENTS

For Mode 1:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS 30	100287	Feb. 29, 2012	Feb. 28, 2013
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK 8127	8127-523	Sep. 19, 2012	Sep. 20, 2013
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ESH3-Z5	848773/004	Nov. 01, 2011	Oct. 31, 2012
RF Cable (JYEBAO)	5DFB	COACAB-002	Aug. 05, 2012	Aug. 04, 2013
50 ohms Terminator	50	4	Nov. 12, 2011	Nov. 11, 2012
Software ADT	BV ADT_Cond_V7.3.7 .3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. A.
3 The VCCI Con A Registration No. is C-817.
4. Tested Date: Oct. 09, 2012

For Mode 2:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS 30	100287	Feb. 29, 2012	Feb. 28, 2013
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK 8127	8127-523	Sep. 20, 2011	Sep. 19, 2012
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ESH3-Z5	848773/004	Nov. 01, 2011	Oct. 31, 2012
RF Cable (JYEBAO)	5DFB	COACAB-002	Aug. 05, 2012	Aug. 04, 2013
50 ohms Terminator	50	4	Nov. 12, 2011	Nov. 11, 2012
Software ADT	BV ADT_Cond_V7.3.7 .3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. A.
3 The VCCI Con A Registration No. is C-817.
4. Tested Date: Sep. 10, 2012

4.1.3 TEST PROCEDURES

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

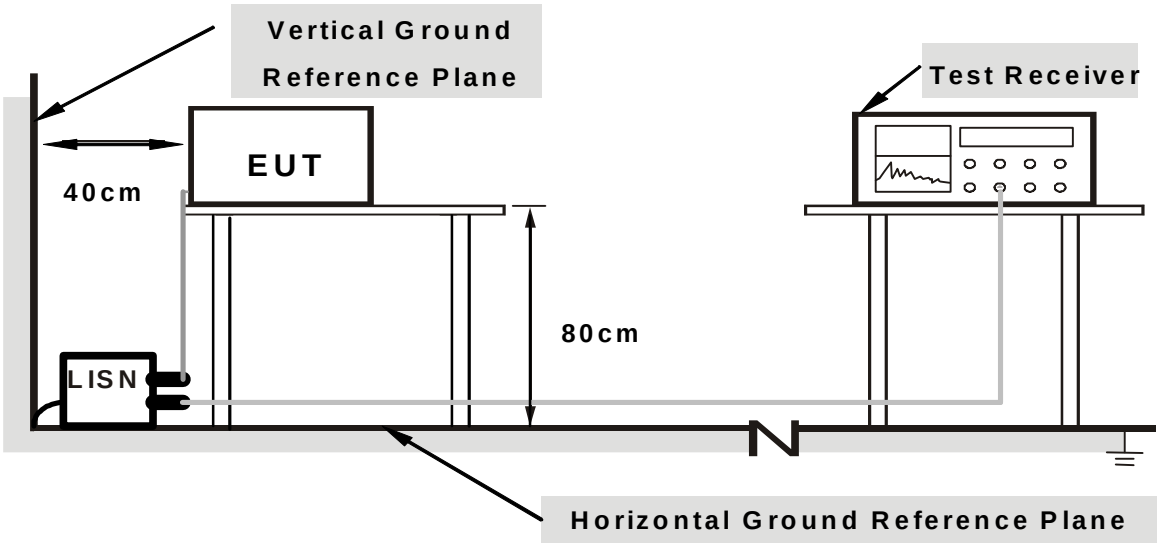
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



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

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

1. Turn on the power of EUT.
2. The communication partner run test program “XW2DMT version X 2.00.0.0.28.exe” to enable EUT under transmission/receiving condition continuously at specific channel frequency.

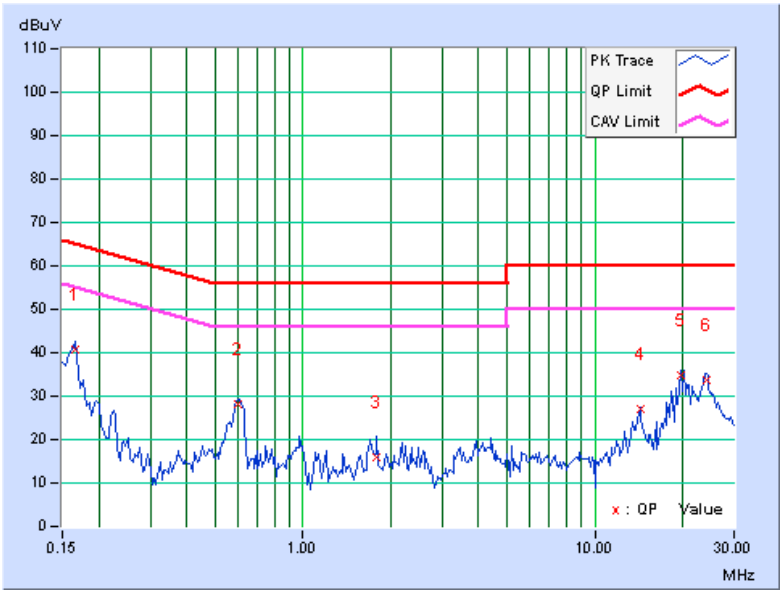
4.1.7 TEST RESULTS (MODE 1)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.09	40.48	39.67	40.57	39.76	65.18	55.18	-24.61	-15.42
2	0.59922	0.16	27.91	26.37	28.07	26.53	56.00	46.00	-27.93	-19.47
3	1.79688	0.24	15.70	12.10	15.94	12.34	56.00	46.00	-40.06	-33.66
4	14.27344	0.61	26.54	24.68	27.15	25.29	60.00	50.00	-32.85	-24.71
5	19.71053	0.71	34.11	31.59	34.82	32.30	60.00	50.00	-25.18	-17.70
6	24.15234	0.82	32.75	27.66	33.57	28.48	60.00	50.00	-26.43	-21.52

REMARKS:

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

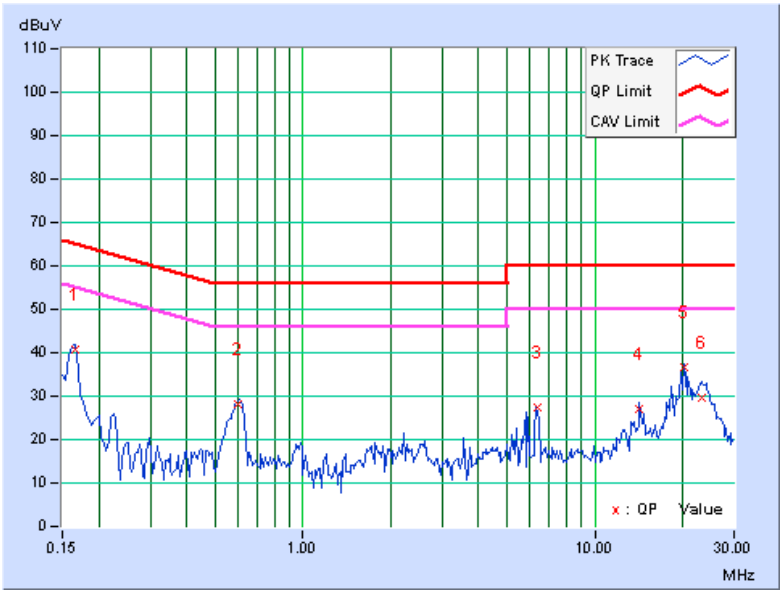


PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.10	40.73	39.89	40.83	39.99	65.18	55.18	-24.35	-15.19
2	0.60053	0.17	27.96	26.61	28.13	26.78	56.00	46.00	-27.87	-19.22
3	6.33716	0.38	27.12	8.97	27.50	9.35	60.00	50.00	-32.50	-40.65
4	14.15234	0.59	26.55	24.51	27.14	25.10	60.00	50.00	-32.86	-24.90
5	20.25781	0.70	35.81	32.99	36.51	33.69	60.00	50.00	-23.49	-16.31
6	23.17188	0.78	28.89	23.49	29.67	24.27	60.00	50.00	-30.33	-25.73

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.



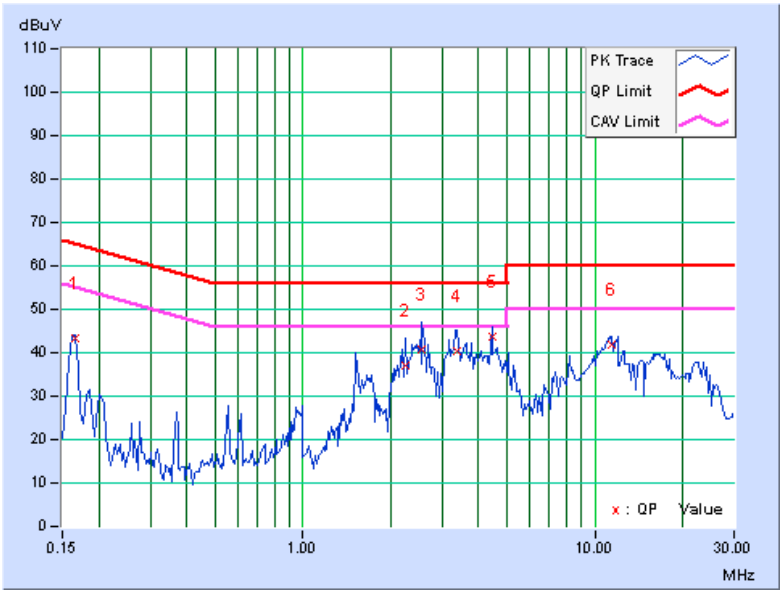
4.1.8 TEST RESULTS (MODE 2)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.09	43.28	42.58	43.37	42.67	65.18	55.18	-21.81	-12.51
2	2.25391	0.26	36.79	29.35	37.05	29.61	56.00	46.00	-18.95	-16.39
3	2.56641	0.27	40.55	34.33	40.82	34.60	56.00	46.00	-15.18	-11.40
4	3.37891	0.31	39.96	32.37	40.27	32.68	56.00	46.00	-15.73	-13.32
5	**4.43750**	**0.34**	**43.26**	**39.12**	**43.60**	**39.46**	**56.00**	**46.00**	**-12.40**	**-6.54**
6	11.48047	0.55	41.46	37.52	42.01	38.07	60.00	50.00	-17.99	-11.93

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.

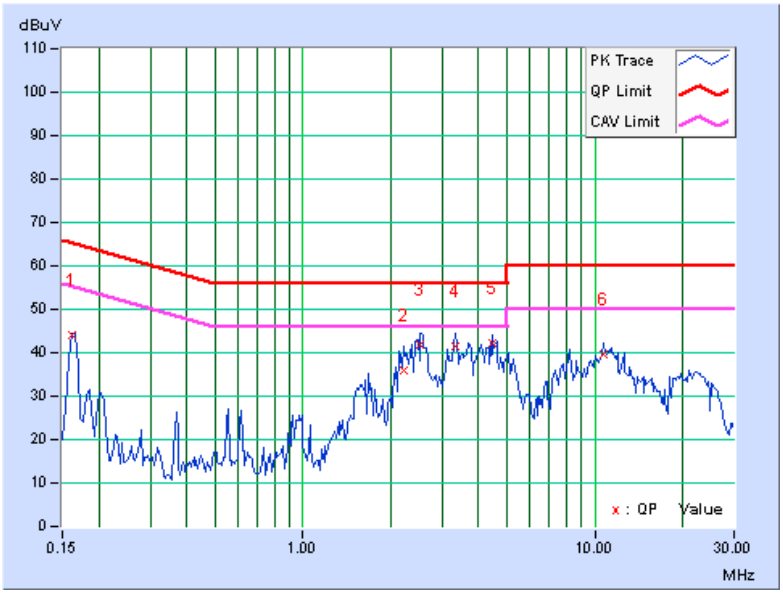


PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16172	0.10	43.82	43.06	43.92	43.16	65.38	55.38	-21.46	-12.22
2	2.23047	0.25	35.72	27.91	35.97	28.16	56.00	46.00	-20.03	-17.84
3	2.52734	0.26	41.42	34.70	41.68	34.96	56.00	46.00	-14.32	-11.04
4	3.32422	0.29	41.06	32.50	41.35	32.79	56.00	46.00	-14.65	-13.21
5	4.44834	0.32	42.03	38.41	42.35	38.73	56.00	46.00	-13.65	-7.27
6	10.75000	0.52	38.97	35.39	39.49	35.91	60.00	50.00	-20.51	-14.09

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.



4.2 RADIATED EMISSION AND BANDEDGE MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

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

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

NOTE:

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

4.2.2 TEST INSTRUMENTS

For Mode 1 ~ 2:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 19, 2011	Dec. 18, 2012
Spectrum Analyzer Agilent PSA	E4446A	MY48250113	Nov. 30 , 2011	Nov. 29 , 2012
Pre_Amplifier HP	8449B	300801923	Oct. 31, 2011	Oct. 30, 2012
TRILOG Broadband Antenna SCHWARZBECK	VULB 9168	138	Apr. 02, 2012	Apr. 01, 2013
Horn_Antenna SCHWARZBECK	BBHA9120	D124	Dec. 16, 2011	Dec. 15, 2012
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170153	Jan. 17, 2012	Jan. 16, 2013
RF Cable (Chaintek)	Sucoflex 106	RF106-102	Jan. 19, 2012	Jan. 18, 2013
RF Cable	8DFB	STCCAB-30M -1GHz	Sep. 23, 2012	Sep. 22, 2013
Software	ADT_Radiated _V7.6.15.9.2	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3 The test was performed in Open Site No. C.
4. The FCC Site Registration No. is 656396.
5 The VCCI Site Registration No. is R-1626.
6 The CANADA Site Registration No. is IC 7450G-3.
7 Tested Date: Sep. 25 to 26, 2012

For Mode 3:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 19, 2011	Dec. 18, 2012
Spectrum Analyzer Agilent PSA	E4446A	MY48250113	Nov. 30, 2011	Nov. 29, 2012
Pre_Amplifier HP	8449B	300801923	Oct. 30, 2012	Oct. 29, 2013
Test Receiver ROHDE & SCHWARZ	ESCS30	847124/029	Sep. 07, 2012	Sep. 06, 2013
TRILOG Broadband Antenna SCHWARZBECK	VULB 9168	138	Apr. 02, 2012	Apr. 01, 2013
Horn_Antenna SCHWARZBECK	BBHA9120	D124	Dec. 16, 2011	Dec. 15, 2012
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170153	Jan. 17, 2012	Jan. 16, 2013
RF Cable (Chaintek)	Sucoflex 106	RF106-102	Jan. 19, 2012	Jan. 18, 2013
RF Cable	8DFB	STCCAB-30M -1GHz	Sep. 23, 2012	Sep. 22, 2013
Software	ADT_Radiated _V7.6.15.9.2	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) and Spectrum Analyzer (model: FSP40) are used only for the measurement of emission frequency above 1GHz if tested.
3 The test was performed in Open Site No. C.
4. The FCC Site Registration No. is 656396.
5 The VCCI Site Registration No. is R-1626.
6 The CANADA Site Registration No. is IC 7450G-3.
7 Tested Date: Nov. 07, 2012

4.2.3 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 10 meters open site 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 detect 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.

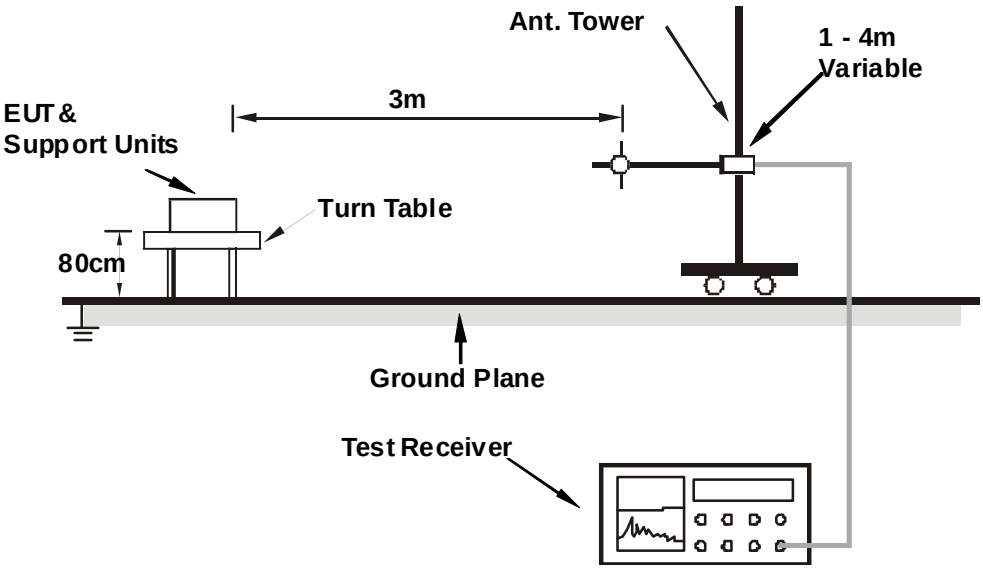
NOTE:

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 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6

4.2.7 TEST RESULTS (MODE 1)

BELOW 1GHz WORST-CASE DATA

802.11n (HT20)

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	54.66	30.3 QP	40.0	-9.7	1.14 H	87	16.05	14.29
2	211.00	28.2 QP	43.5	-15.4	1.25 H	322	15.72	12.43
3	320.00	39.2 QP	46.0	-6.8	1.03 H	37	22.31	16.87
4	448.00	33.7 QP	46.0	-12.3	1.45 H	210	13.12	20.59
5	704.00	38.0 QP	46.0	-8.0	1.13 H	245	10.88	27.08
6	1000.00	32.5 QP	54.0	-21.5	1.10 H	167	2.06	30.45
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	120.00	22.2 QP	43.5	-21.3	1.31 V	20	9.42	12.75
2	171.82	29.2 QP	43.5	-14.3	1.24 V	329	14.85	14.33
3	320.00	32.6 QP	46.0	-13.4	1.36 V	294	15.72	16.87
4	448.10	37.1 QP	46.0	-8.9	1.00 V	8	16.55	20.59
5	576.02	34.1 QP	46.0	-11.9	1.00 V	264	9.39	24.73
6	704.01	31.0 QP	46.0	-15.0	1.00 V	316	3.92	27.08

REMARKS:

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

ABOVE 1GHz DATA

802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	58.3 PK	74.0	-15.7	1.15 H	66	27.91	30.39
2	2390.00	50.8 AV	54.0	-3.2	1.15 H	66	20.41	30.39
3	*2412.00	106.1 PK			1.15 H	66	75.63	30.47
4	*2412.00	103.3 AV			1.15 H	66	72.83	30.47
5	4824.00	43.6 PK	74.0	-30.4	1.28 H	299	7.69	35.91
6	4824.00	33.1 AV	54.0	-20.9	1.28 H	299	-2.81	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	57.7 PK	74.0	-16.3	1.04 V	278	27.31	30.39
2	2390.00	51.4 AV	54.0	-2.6	1.04 V	278	21.01	30.39
3	*2412.00	107.3 PK			1.04 V	278	76.83	30.47
4	*2412.00	105.0 AV			1.04 V	278	74.53	30.47
5	4824.00	43.3 PK	74.0	-30.7	1.09 V	187	7.39	35.91
6	4824.00	34.1 AV	54.0	-19.9	1.09 V	187	-1.81	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	56.7 PK	74.0	-17.3	1.14 H	241	26.31	30.39
2	2390.00	48.0 AV	54.0	-6.0	1.14 H	241	17.62	30.39
3	*2417.00	108.8 PK			1.14 H	241	78.31	30.49
4	*2417.00	106.8 AV			1.14 H	241	76.31	30.49
5	4834.00	45.2 PK	74.0	-28.8	1.66 H	299	9.28	35.92
6	4834.00	36.7 AV	54.0	-17.3	1.66 H	299	0.78	35.92
7	7251.00	49.7 PK	74.0	-24.3	1.96 H	259	7.62	42.08
8	7251.00	40.7 AV	54.0	-13.3	1.96 H	259	-1.38	42.08
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	57.9 PK	74.0	-16.1	1.05 V	277	27.51	30.39
2	2390.00	48.9 AV	54.0	-5.1	1.05 V	277	18.51	30.39
3	*2417.00	109.2 PK			1.05 V	277	78.71	30.49
4	*2417.00	107.1 AV			1.05 V	277	76.61	30.49
5	4834.00	46.3 PK	74.0	-27.7	1.08 V	185	10.38	35.92
6	4834.00	38.4 AV	54.0	-15.6	1.08 V	185	2.48	35.92
7	7251.00	49.1 PK	74.0	-24.9	1.06 V	8	7.02	42.08
8	7251.00	41.3 AV	54.0	-12.7	1.06 V	8	-0.78	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.00 H	234	26.11	30.39
2	2390.00	45.4 AV	54.0	-8.6	1.00 H	234	15.01	30.39
3	*2422.00	107.9 PK			1.00 H	234	77.39	30.51
4	*2422.00	105.9 AV			1.00 H	234	75.39	30.51
5	4844.00	44.7 PK	74.0	-29.3	1.21 H	306	8.77	35.93
6	4844.00	36.3 AV	54.0	-17.7	1.21 H	306	0.37	35.93
7	7266.00	51.0 PK	74.0	-23.0	1.87 H	261	8.91	42.09
8	7266.00	40.7 AV	54.0	-13.3	1.87 H	261	-1.39	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	56.6 PK	74.0	-17.4	1.03 V	278	26.21	30.39
2	2390.00	46.4 AV	54.0	-7.6	1.03 V	278	16.01	30.39
3	*2422.00	109.0 PK			1.03 V	278	78.49	30.51
4	*2422.00	107.1 AV			1.03 V	278	76.59	30.51
5	4844.00	46.6 PK	74.0	-27.4	1.08 V	188	10.67	35.93
6	4844.00	39.9 AV	54.0	-14.1	1.08 V	188	3.97	35.93
7	7266.00	49.8 PK	74.0	-24.2	1.82 V	6	7.71	42.09
8	7266.00	40.5 AV	54.0	-13.5	1.82 V	6	-1.59	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	108.1 PK			1.13 H	62	77.53	30.57
2	*2437.00	105.8 AV			1.13 H	62	75.23	30.57
3	4874.00	45.5 PK	74.0	-28.5	1.21 H	299	9.54	35.96
4	4874.00	37.0 AV	54.0	-17.0	1.21 H	299	1.04	35.96
5	7311.00	50.8 PK	74.0	-23.2	1.86 H	256	8.64	42.16
6	7311.00	40.7 AV	54.0	-13.3	1.86 H	256	-1.46	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.5 PK	74.0	-19.5	1.74 V	260	24.11	30.39
2	2390.00	43.4 AV	54.0	-10.6	1.74 V	260	13.01	30.39
3	*2437.00	108.9 PK			1.74 V	260	78.33	30.57
4	*2437.00	106.6 AV			1.74 V	260	76.03	30.57
5	2483.50	55.3 PK	74.0	-18.7	1.74 V	260	24.56	30.74
6	2483.50	44.3 AV	54.0	-9.7	1.74 V	260	13.56	30.74
7	4874.00	46.2 PK	74.0	-27.8	1.29 V	184	10.24	35.96
8	4874.00	39.4 AV	54.0	-14.6	1.29 V	184	3.44	35.96
9	7311.00	50.4 PK	74.0	-23.6	1.71 V	9	8.24	42.16
10	7311.00	40.7 AV	54.0	-13.3	1.71 V	9	-1.46	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	108.1 PK			1.13 H	62	77.48	30.62
2	*2452.00	105.8 AV			1.13 H	62	75.18	30.62
3	2483.50	56.3 PK	74.0	-17.7	1.13 H	62	25.56	30.74
4	2483.50	44.5 AV	54.0	-9.5	1.13 H	62	13.76	30.74
5	4904.00	45.6 PK	74.0	-28.4	1.27 H	302	9.61	35.99
6	4904.00	36.8 AV	54.0	-17.2	1.27 H	302	0.81	35.99
7	7356.00	49.2 PK	74.0	-24.8	1.83 H	274	6.88	42.32
8	7356.00	40.3 AV	54.0	-13.7	1.83 H	274	-2.02	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	108.7 PK			1.74 V	277	78.08	30.62
2	*2452.00	106.1 AV			1.74 V	277	75.48	30.62
3	2483.50	57.1 PK	74.0	-16.9	1.74 V	277	26.36	30.74
4	2483.50	46.3 AV	54.0	-7.7	1.74 V	277	15.56	30.74
5	4904.00	45.7 PK	74.0	-28.3	1.05 V	191	9.71	35.99
6	4904.00	37.5 AV	54.0	-16.5	1.05 V	191	1.51	35.99
7	7356.00	49.9 PK	74.0	-24.1	1.79 V	10	7.58	42.32
8	7356.00	40.7 AV	54.0	-13.3	1.79 V	10	-1.62	42.32

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.4 PK			1.16 H	241	76.76	30.64
2	*2457.00	105.4 AV			1.16 H	241	74.76	30.64
3	2483.50	56.1 PK	74.0	-17.9	1.16 H	241	25.36	30.74
4	2483.50	44.7 AV	54.0	-9.3	1.16 H	241	13.96	30.74
5	4914.00	45.4 PK	74.0	-28.6	1.19 H	309	9.39	36.01
6	4914.00	36.6 AV	54.0	-17.4	1.19 H	309	0.59	36.01
7	7371.00	50.9 PK	74.0	-23.1	1.80 H	250	8.53	42.37
8	7371.00	40.9 AV	54.0	-13.1	1.80 H	250	-1.47	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.5 PK			1.72 V	267	77.86	30.64
2	*2457.00	106.5 AV			1.72 V	267	75.86	30.64
3	2483.50	57.5 PK	74.0	-16.5	1.72 V	267	26.76	30.74
4	2483.50	48.1 AV	54.0	-5.9	1.72 V	267	17.36	30.74
5	4914.00	45.6 PK	74.0	-28.4	1.06 V	213	9.59	36.01
6	4914.00	36.4 AV	54.0	-17.6	1.06 V	213	0.39	36.01
7	7371.00	49.7 PK	74.0	-24.3	1.74 V	23	7.33	42.37
8	7371.00	40.6 AV	54.0	-13.4	1.74 V	23	-1.77	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	105.8 PK			1.00 H	69	75.14	30.66
2	*2462.00	103.6 AV			1.00 H	69	72.94	30.66
3	2483.50	56.1 PK	74.0	-17.9	1.00 H	69	25.36	30.74
4	2483.50	46.9 AV	54.0	-7.1	1.00 H	69	16.16	30.74
5	4924.00	45.3 PK	74.0	-28.7	1.16 H	304	9.27	36.03
6	4924.00	36.3 AV	54.0	-17.7	1.16 H	304	0.27	36.03
7	7386.00	48.9 PK	74.0	-25.1	1.84 H	255	6.48	42.42
8	7386.00	39.4 AV	54.0	-14.6	1.84 H	255	-3.02	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.7 PK			1.74 V	278	77.04	30.66
2	*2462.00	105.7 AV			1.74 V	278	75.04	30.66
3	2483.50	57.1 PK	74.0	-16.9	1.74 V	278	26.36	30.74
4	2483.50	47.4 AV	54.0	-6.6	1.74 V	278	16.66	30.74
5	4924.00	45.4 PK	74.0	-28.6	1.05 V	171	9.37	36.03
6	4924.00	36.6 AV	54.0	-17.4	1.05 V	171	0.57	36.03
7	7386.00	49.2 PK	74.0	-24.8	1.69 V	29	6.78	42.42
8	7386.00	39.7 AV	54.0	-14.3	1.69 V	29	-2.72	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	101.7 PK			1.16 H	67	71.02	30.68
2	*2467.00	99.4 AV			1.16 H	67	68.72	30.68
3	2483.50	58.5 PK	74.0	-15.5	1.16 H	67	27.76	30.74
4	2483.50	49.7 AV	54.0	-4.3	1.16 H	67	18.96	30.74
5	4934.00	43.1 PK	74.0	-30.9	1.20 H	318	7.05	36.05
6	4934.00	30.8 AV	54.0	-23.2	1.20 H	318	-5.25	36.05
7	7401.00	49.4 PK	74.0	-24.6	1.88 H	263	6.93	42.47
8	7401.00	37.2 AV	54.0	-16.8	1.88 H	263	-5.27	42.47
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			1.73 V	278	71.52	30.68
2	*2467.00	100.1 AV			1.73 V	278	69.42	30.68
3	2483.50	57.4 PK	74.0	-16.6	1.73 V	278	26.66	30.74
4	2483.50	48.3 AV	54.0	-5.7	1.73 V	278	17.56	30.74
5	4934.00	43.0 PK	74.0	-31.0	1.05 V	180	6.95	36.05
6	4934.00	31.2 AV	54.0	-22.8	1.05 V	180	-4.85	36.05
7	7401.00	49.3 PK	74.0	-24.7	1.72 V	26	6.83	42.47
8	7401.00	39.7 AV	54.0	-14.3	1.72 V	26	-2.77	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	100.8 PK			1.00 H	295	70.10	30.70
2	*2472.00	98.4 AV			1.00 H	295	67.70	30.70
3	2483.50	59.3 PK	74.0	-14.7	1.00 H	295	28.54	30.74
4	2483.50	50.9 AV	54.0	-3.1	1.00 H	295	20.16	30.74
5	4944.00	42.9 PK	74.0	-31.1	1.24 H	312	6.83	36.07
6	4944.00	30.4 AV	54.0	-23.6	1.24 H	312	-5.67	36.07
7	7416.00	49.1 PK	74.0	-24.9	1.85 H	266	6.60	42.50
8	7416.00	37.0 AV	54.0	-17.0	1.85 H	266	-5.50	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	100.0 PK			1.73 V	278	69.30	30.70
2	*2472.00	97.6 AV			1.73 V	278	66.90	30.70
3	2483.50	58.7 PK	74.0	-15.3	1.73 V	278	27.96	30.74
4	2483.50	50.1 AV	54.0	-3.9	1.73 V	278	19.36	30.74
5	4944.00	43.3 PK	74.0	-30.7	1.00 V	183	7.23	36.07
6	4944.00	31.2 AV	54.0	-22.8	1.00 V	183	-4.87	36.07
7	7416.00	48.9 PK	74.0	-25.1	1.68 V	24	6.40	42.50
8	7416.00	39.3 AV	54.0	-14.7	1.68 V	24	-3.20	42.50

REMARKS:

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

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CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK)
FREQUENCY RANGE	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	1.01 H	65	32.61	30.39
2	2390.00	46.1 AV	54.0	-7.9	1.01 H	65	15.71	30.39
3	*2412.00	105.0 PK			1.01 H	65	74.53	30.47
4	*2412.00	96.1 AV			1.01 H	65	65.63	30.47
5	4824.00	43.0 PK	74.0	-31.0	1.22 H	304	7.09	35.91
6	4824.00	30.5 AV	54.0	-23.5	1.22 H	304	-5.41	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	67.6 PK	74.0	-6.4	1.04 V	277	37.21	30.39
2	2390.00	48.9 AV	54.0	-5.1	1.04 V	277	18.51	30.39
3	*2412.00	105.4 PK			1.04 V	277	74.93	30.47
4	*2412.00	98.6 AV			1.04 V	277	68.13	30.47
5	4824.00	43.4 PK	74.0	-30.6	1.04 V	167	7.49	35.91
6	4824.00	31.5 AV	54.0	-22.5	1.04 V	167	-4.41	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.02 H	73	32.01	30.39
2	2390.00	46.2 AV	54.0	-7.8	1.02 H	73	15.81	30.39
3	*2417.00	106.8 PK			1.02 H	73	76.31	30.49
4	*2417.00	98.3 AV			1.02 H	73	67.81	30.49
5	4834.00	43.0 PK	74.0	-31.0	1.15 H	333	7.08	35.92
6	4834.00	30.8 AV	54.0	-23.2	1.15 H	333	-5.12	35.92
7	7251.00	49.0 PK	74.0	-25.0	1.90 H	277	6.92	42.08
8	7251.00	37.1 AV	54.0	-16.9	1.90 H	277	-4.98	42.08
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	67.9 PK	74.0	-6.1	1.03 V	278	37.51	30.39
2	2390.00	49.1 AV	54.0	-4.9	1.03 V	278	18.71	30.39
3	*2417.00	108.6 PK			1.03 V	278	78.11	30.49
4	*2417.00	100.3 AV			1.03 V	278	69.81	30.49
5	4834.00	43.1 PK	74.0	-30.9	1.06 V	194	7.18	35.92
6	4834.00	31.3 AV	54.0	-22.7	1.06 V	194	-4.62	35.92
7	7251.00	49.0 PK	74.0	-25.0	1.70 V	33	6.92	42.08
8	7251.00	39.6 AV	54.0	-14.4	1.70 V	33	-2.48	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	62.8 PK	74.0	-11.2	1.02 H	77	32.41	30.39
2	2390.00	46.7 AV	54.0	-7.3	1.02 H	77	16.31	30.39
3	*2422.00	107.8 PK			1.02 H	77	77.29	30.51
4	*2422.00	99.4 AV			1.02 H	77	68.89	30.51
5	4844.00	43.0 PK	74.0	-31.0	1.17 H	288	7.07	35.93
6	4844.00	30.6 AV	54.0	-23.4	1.17 H	288	-5.33	35.93
7	7266.00	49.3 PK	74.0	-24.7	1.86 H	253	7.21	42.09
8	7266.00	37.1 AV	54.0	-16.9	1.86 H	253	-4.99	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	67.5 PK	74.0	-6.5	1.03 V	277	37.11	30.39
2	2390.00	49.8 AV	54.0	-4.2	1.03 V	277	19.41	30.39
3	*2422.00	109.9 PK			1.03 V	277	79.39	30.51
4	*2422.00	101.3 AV			1.03 V	277	70.79	30.51
5	4844.00	43.3 PK	74.0	-30.7	1.00 V	183	7.37	35.93
6	4844.00	31.5 AV	54.0	-22.5	1.00 V	183	-4.43	35.93
7	7266.00	48.8 PK	74.0	-25.2	1.64 V	18	6.71	42.09
8	7266.00	39.4 AV	54.0	-14.6	1.64 V	18	-2.69	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	109.1 PK			1.00 H	298	78.53	30.57
2	*2437.00	100.6 AV			1.00 H	298	70.03	30.57
3	4874.00	43.2 PK	74.0	-30.8	1.18 H	307	7.24	35.96
4	4874.00	30.8 AV	54.0	-23.2	1.18 H	307	-5.16	35.96
5	7311.00	50.0 PK	74.0	-24.0	1.83 H	277	7.84	42.16
6	7311.00	37.6 AV	54.0	-16.4	1.83 H	277	-4.56	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.7 PK	74.0	-12.3	1.74 V	274	31.31	30.39
2	2390.00	46.4 AV	54.0	-7.6	1.74 V	274	16.01	30.39
3	*2437.00	111.3 PK			1.74 V	274	80.73	30.57
4	*2437.00	102.5 AV			1.74 V	274	71.93	30.57
5	2483.50	60.9 PK	74.0	-13.1	1.74 V	274	30.16	30.74
6	2483.50	46.7 AV	54.0	-7.3	1.74 V	274	15.96	30.74
7	4874.00	43.5 PK	74.0	-30.5	1.00 V	172	7.54	35.96
8	4874.00	31.7 AV	54.0	-22.3	1.00 V	172	-4.26	35.96
9	7311.00	49.3 PK	74.0	-24.7	1.71 V	39	7.14	42.16
10	7311.00	39.6 AV	54.0	-14.4	1.71 V	39	-2.56	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.8 PK			1.00 H	295	77.18	30.62
2	*2452.00	99.5 AV			1.00 H	295	68.88	30.62
3	2483.50	68.3 PK	74.0	-5.7	1.00 H	295	37.56	30.74
4	2483.50	47.2 AV	54.0	-6.8	1.00 H	295	16.46	30.74
5	4904.00	43.3 PK	74.0	-30.7	1.19 H	300	7.31	35.99
6	4904.00	30.7 AV	54.0	-23.3	1.19 H	300	-5.29	35.99
7	7356.00	49.4 PK	74.0	-24.6	1.84 H	256	7.08	42.32
8	7356.00	37.4 AV	54.0	-16.6	1.84 H	256	-4.92	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	109.6 PK			1.73 V	267	78.98	30.62
2	*2452.00	101.8 AV			1.73 V	267	71.18	30.62
3	2483.50	70.2 PK	74.0	-3.8	1.73 V	267	39.46	30.74
4	2483.50	51.9 AV	54.0	-2.1	1.73 V	267	21.16	30.74
5	4904.00	42.6 PK	74.0	-31.4	1.00 V	199	6.61	35.99
6	4904.00	31.1 AV	54.0	-22.9	1.00 V	199	-4.89	35.99
7	7356.00	48.5 PK	74.0	-25.5	1.61 V	28	6.18	42.32
8	7356.00	38.9 AV	54.0	-15.1	1.61 V	28	-3.42	42.32

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.1 PK			1.00 H	293	76.46	30.64
2	*2457.00	98.6 AV			1.00 H	293	67.96	30.64
3	2483.50	69.4 PK	74.0	-4.6	1.00 H	293	38.66	30.74
4	2483.50	48.3 AV	54.0	-5.7	1.00 H	293	17.56	30.74
5	4914.00	43.5 PK	74.0	-30.5	1.12 H	302	7.49	36.01
6	4914.00	31.1 AV	54.0	-22.9	1.12 H	302	-4.91	36.01
7	7371.00	49.3 PK	74.0	-24.7	1.89 H	249	6.93	42.37
8	7371.00	36.9 AV	54.0	-17.1	1.89 H	249	-5.47	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	109.2 PK			1.73 V	268	78.56	30.64
2	*2457.00	100.9 AV			1.73 V	268	70.26	30.64
3	2483.50	68.5 PK	74.0	-5.5	1.73 V	268	37.76	30.74
4	2483.50	49.8 AV	54.0	-4.2	1.73 V	268	19.06	30.74
5	4914.00	43.1 PK	74.0	-30.9	1.06 V	195	7.09	36.01
6	4914.00	31.4 AV	54.0	-22.6	1.06 V	195	-4.61	36.01
7	7371.00	49.0 PK	74.0	-25.0	1.71 V	20	6.63	42.37
8	7371.00	39.5 AV	54.0	-14.5	1.71 V	20	-2.87	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	106.2 PK			1.00 H	296	75.54	30.66
2	*2462.00	98.0 AV			1.00 H	296	67.34	30.66
3	**2483.50**	**72.5 PK**	**74.0**	**-1.5**	**1.00 H**	**296**	**41.76**	**30.74**
4	2483.50	51.4 AV	54.0	-2.6	1.00 H	296	20.66	30.74
5	4924.00	43.8 PK	74.0	-30.2	1.19 H	301	7.77	36.03
6	4924.00	31.0 AV	54.0	-23.0	1.19 H	301	-5.03	36.03
7	7386.00	49.8 PK	74.0	-24.2	1.89 H	265	7.38	42.42
8	7386.00	37.7 AV	54.0	-16.3	1.89 H	265	-4.72	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.1 PK			1.74 V	278	76.44	30.66
2	*2462.00	99.1 AV			1.74 V	278	68.44	30.66
3	2483.50	70.7 PK	74.0	-3.3	1.74 V	278	39.96	30.74
4	2483.50	50.0 AV	54.0	-4.0	1.74 V	278	19.26	30.74
5	4924.00	42.9 PK	74.0	-31.1	1.02 V	210	6.87	36.03
6	4924.00	31.4 AV	54.0	-22.6	1.02 V	210	-4.63	36.03
7	7386.00	48.4 PK	74.0	-25.6	1.58 V	17	5.98	42.42
8	7386.00	38.7 AV	54.0	-15.3	1.58 V	17	-3.72	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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			1.00 H	297	73.12	30.68
2	*2467.00	94.9 AV			1.00 H	297	64.22	30.68
3	2483.50	64.9 PK	74.0	-9.1	1.00 H	297	34.16	30.74
4	2483.50	50.4 AV	54.0	-3.6	1.00 H	297	19.66	30.74
5	4934.00	43.5 PK	74.0	-30.5	1.08 H	308	7.45	36.05
6	4934.00	31.0 AV	54.0	-23.0	1.08 H	308	-5.05	36.05
7	7401.00	49.1 PK	74.0	-24.9	1.95 H	258	6.63	42.47
8	7401.00	36.7 AV	54.0	-17.3	1.95 H	258	-5.77	42.47
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	103.2 PK			1.75 V	279	72.52	30.68
2	*2467.00	94.7 AV			1.75 V	279	64.02	30.68
3	2483.50	64.6 PK	74.0	-9.4	1.75 V	279	33.86	30.74
4	2483.50	49.3 AV	54.0	-4.7	1.75 V	279	18.56	30.74
5	4934.00	43.2 PK	74.0	-30.8	1.04 V	201	7.15	36.05
6	4934.00	31.4 AV	54.0	-22.6	1.04 V	201	-4.65	36.05
7	7401.00	49.0 PK	74.0	-25.0	1.67 V	29	6.53	42.47
8	7401.00	39.3 AV	54.0	-14.7	1.67 V	29	-3.17	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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			1.01 H	293	63.00	30.70
2	*2472.00	84.8 AV			1.01 H	293	54.10	30.70
3	2483.50	70.3 PK	74.0	-3.7	1.01 H	293	39.56	30.74
4	2483.50	51.2 AV	54.0	-2.8	1.01 H	293	20.46	30.74
5	4944.00	43.8 PK	74.0	-30.2	1.14 H	297	7.73	36.07
6	4944.00	31.4 AV	54.0	-22.6	1.14 H	297	-4.67	36.07
7	7416.00	49.4 PK	74.0	-24.6	1.91 H	274	6.90	42.50
8	7416.00	36.8 AV	54.0	-17.2	1.91 H	274	-5.70	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	92.2 PK			1.73 V	278	61.50	30.70
2	*2472.00	84.1 AV			1.73 V	278	53.40	30.70
3	2483.50	68.3 PK	74.0	-5.7	1.73 V	278	37.56	30.74
4	2483.50	50.2 AV	54.0	-3.8	1.73 V	278	19.46	30.74
5	4944.00	43.5 PK	74.0	-30.5	1.01 V	214	7.43	36.07
6	4944.00	31.5 AV	54.0	-22.5	1.01 V	214	-4.57	36.07
7	7416.00	49.7 PK	74.0	-24.3	1.66 V	18	7.20	42.50
8	7416.00	39.7 AV	54.0	-14.3	1.66 V	18	-2.80	42.50

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (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	1.03 H	56	32.61	30.39
2	2390.00	46.2 AV	54.0	-7.8	1.03 H	56	15.81	30.39
3	*2412.00	104.8 PK			1.03 H	56	74.33	30.47
4	*2412.00	95.8 AV			1.03 H	56	65.33	30.47
5	4824.00	43.7 PK	74.0	-30.3	1.23 H	317	7.79	35.91
6	4824.00	30.9 AV	54.0	-23.1	1.23 H	317	-5.01	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	67.1 PK	74.0	-6.9	1.05 V	277	36.71	30.39
2	2390.00	48.8 AV	54.0	-5.2	1.05 V	277	18.41	30.39
3	*2412.00	107.5 PK			1.05 V	277	77.03	30.47
4	*2412.00	97.8 AV			1.05 V	277	67.33	30.47
5	4824.00	43.1 PK	74.0	-30.9	1.00 V	179	7.19	35.91
6	4824.00	31.4 AV	54.0	-22.6	1.00 V	179	-4.51	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	62.9 PK	74.0	-11.1	1.01 H	63	32.51	30.39
2	2390.00	46.5 AV	54.0	-7.5	1.01 H	63	16.11	30.39
3	*2417.00	107.4 PK			1.01 H	63	76.91	30.49
4	*2417.00	98.7 AV			1.01 H	63	68.21	30.49
5	4834.00	43.1 PK	74.0	-30.9	1.19 H	302	7.18	35.92
6	4834.00	30.8 AV	54.0	-23.2	1.19 H	302	-5.12	35.92
7	7251.00	48.6 PK	74.0	-25.4	1.89 H	260	6.52	42.08
8	7251.00	36.6 AV	54.0	-17.4	1.89 H	260	-5.48	42.08
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	65.6 PK	74.0	-8.4	1.03 V	277	35.21	30.39
2	2390.00	49.3 AV	54.0	-4.7	1.03 V	277	18.91	30.39
3	*2417.00	109.3 PK			1.03 V	277	78.81	30.49
4	*2417.00	100.0 AV			1.03 V	277	69.51	30.49
5	4834.00	42.9 PK	74.0	-31.1	1.03 V	196	6.98	35.92
6	4834.00	31.1 AV	54.0	-22.9	1.03 V	196	-4.82	35.92
7	7251.00	49.0 PK	74.0	-25.0	1.63 V	12	6.92	42.08
8	7251.00	39.4 AV	54.0	-14.6	1.63 V	12	-2.68	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.06 H	70	32.31	30.39
2	2390.00	46.8 AV	54.0	-7.2	1.06 H	70	16.41	30.39
3	*2422.00	107.1 PK			1.06 H	70	76.59	30.51
4	*2422.00	98.9 AV			1.06 H	70	68.39	30.51
5	4844.00	43.2 PK	74.0	-30.8	1.18 H	294	7.27	35.93
6	4844.00	30.5 AV	54.0	-23.5	1.18 H	294	-5.43	35.93
7	7266.00	49.1 PK	74.0	-24.9	1.83 H	247	7.01	42.09
8	7266.00	37.3 AV	54.0	-16.7	1.83 H	247	-4.79	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.3 PK	74.0	-7.7	1.03 V	277	35.91	30.39
2	2390.00	51.7 AV	54.0	-2.3	1.03 V	277	21.31	30.39
3	*2422.00	110.9 PK			1.03 V	277	80.39	30.51
4	*2422.00	101.3 AV			1.03 V	277	70.79	30.51
5	4844.00	43.4 PK	74.0	-30.6	1.03 V	180	7.47	35.93
6	4844.00	31.8 AV	54.0	-22.2	1.03 V	180	-4.13	35.93
7	7266.00	48.2 PK	74.0	-25.8	1.58 V	18	6.11	42.09
8	7266.00	38.9 AV	54.0	-15.1	1.58 V	18	-3.19	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	109.4 PK			1.03 H	287	78.83	30.57
2	*2437.00	100.9 AV			1.03 H	287	70.33	30.57
3	4874.00	43.5 PK	74.0	-30.5	1.15 H	290	7.54	35.96
4	4874.00	30.9 AV	54.0	-23.1	1.15 H	290	-5.06	35.96
5	7311.00	49.0 PK	74.0	-25.0	1.80 H	245	6.84	42.16
6	7311.00	37.3 AV	54.0	-16.7	1.80 H	245	-4.86	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.1 PK	74.0	-10.9	1.75 V	270	32.71	30.39
2	2390.00	47.3 AV	54.0	-6.7	1.75 V	270	16.91	30.39
3	*2437.00	111.9 PK			1.75 V	270	81.33	30.57
4	*2437.00	102.3 AV			1.75 V	270	71.73	30.57
5	2483.50	62.7 PK	74.0	-11.3	1.75 V	270	31.96	30.74
6	2483.50	47.3 AV	54.0	-6.7	1.75 V	270	16.56	30.74
7	4874.00	43.6 PK	74.0	-30.4	1.00 V	195	7.64	35.96
8	4874.00	31.9 AV	54.0	-22.1	1.00 V	195	-4.06	35.96
9	7311.00	48.3 PK	74.0	-25.7	1.59 V	32	6.14	42.16
10	7311.00	39.0 AV	54.0	-15.0	1.59 V	32	-3.16	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.9 PK			1.00 H	299	77.28	30.62
2	*2452.00	99.8 AV			1.00 H	299	69.18	30.62
3	2483.50	68.1 PK	74.0	-5.9	1.00 H	290	37.36	30.74
4	2483.50	46.8 AV	54.0	-7.2	1.00 H	290	16.06	30.74
5	4904.00	43.3 PK	74.0	-30.7	1.19 H	313	7.31	35.99
6	4904.00	30.6 AV	54.0	-23.4	1.19 H	313	-5.39	35.99
7	7356.00	49.2 PK	74.0	-24.8	1.88 H	263	6.88	42.32
8	7356.00	37.4 AV	54.0	-16.6	1.88 H	263	-4.92	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	111.1 PK			1.74 V	277	80.48	30.62
2	*2452.00	100.8 AV			1.74 V	277	70.18	30.62
3	2483.50	68.9 PK	74.0	-5.1	1.74 V	277	38.16	30.74
4	2483.50	51.9 AV	54.0	-2.1	1.74 V	277	21.16	30.74
5	4904.00	43.5 PK	74.0	-30.5	1.00 V	180	7.51	35.99
6	4904.00	31.5 AV	54.0	-22.5	1.00 V	180	-4.49	35.99
7	7356.00	48.6 PK	74.0	-25.4	1.66 V	23	6.28	42.32
8	7356.00	39.4 AV	54.0	-14.6	1.66 V	23	-2.92	42.32

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.7 PK			1.03 H	286	77.06	30.64
2	*2457.00	98.9 AV			1.03 H	286	68.26	30.64
3	2483.50	69.7 PK	74.0	-4.3	1.03 H	286	38.96	30.74
4	2483.50	48.8 AV	54.0	-5.2	1.03 H	286	18.06	30.74
5	4914.00	43.1 PK	74.0	-30.9	1.24 H	316	7.09	36.01
6	4914.00	30.8 AV	54.0	-23.2	1.24 H	316	-5.21	36.01
7	7371.00	49.4 PK	74.0	-24.6	1.79 H	271	7.03	42.37
8	7371.00	37.6 AV	54.0	-16.4	1.79 H	271	-4.77	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	109.9 PK			1.73 V	265	79.26	30.64
2	*2457.00	100.3 AV			1.73 V	265	69.66	30.64
3	2483.50	67.8 PK	74.0	-6.2	1.73 V	265	37.06	30.74
4	2483.50	49.9 AV	54.0	-4.1	1.73 V	265	19.16	30.74
5	4914.00	43.4 PK	74.0	-30.6	1.01 V	187	7.39	36.01
6	4914.00	31.6 AV	54.0	-22.4	1.01 V	187	-4.41	36.01
7	7371.00	49.2 PK	74.0	-24.8	1.61 V	22	6.83	42.37
8	7371.00	39.5 AV	54.0	-14.5	1.61 V	22	-2.87	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	106.4 PK			1.05 H	288	75.74	30.66
2	*2462.00	98.3 AV			1.05 H	288	67.64	30.66
3	2483.50	72.4 PK	74.0	-1.6	1.05 H	288	41.66	30.74
4	2483.50	51.3 AV	54.0	-2.7	1.05 H	288	20.56	30.74
5	4924.00	43.4 PK	74.0	-30.6	1.19 H	316	7.37	36.03
6	4924.00	30.7 AV	54.0	-23.3	1.19 H	316	-5.33	36.03
7	7386.00	49.4 PK	74.0	-24.6	1.86 H	250	6.98	42.42
8	7386.00	37.4 AV	54.0	-16.6	1.86 H	250	-5.02	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	108.3 PK			1.73 V	278	77.64	30.66
2	*2462.00	98.3 AV			1.73 V	278	67.64	30.66
3	2483.50	71.3 PK	74.0	-2.7	1.73 V	278	40.56	30.74
4	2483.50	51.2 AV	54.0	-2.8	1.73 V	278	20.46	30.74
5	4924.00	43.6 PK	74.0	-30.4	1.03 V	176	7.57	36.03
6	4924.00	31.8 AV	54.0	-22.2	1.03 V	176	-4.23	36.03
7	7386.00	48.4 PK	74.0	-25.6	1.66 V	18	5.98	42.42
8	7386.00	39.0 AV	54.0	-15.0	1.66 V	18	-3.42	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	103.4 PK			1.00 H	293	72.72	30.68
2	*2467.00	94.4 AV			1.00 H	293	63.72	30.68
3	2483.50	65.2 PK	74.0	-8.8	1.00 H	298	34.46	30.74
4	2483.50	50.4 AV	54.0	-3.6	1.00 H	298	19.66	30.74
5	4934.00	43.3 PK	74.0	-30.7	1.15 H	299	7.25	36.05
6	4934.00	30.8 AV	54.0	-23.2	1.15 H	299	-5.25	36.05
7	7401.00	49.1 PK	74.0	-24.9	1.83 H	266	6.63	42.47
8	7401.00	37.2 AV	54.0	-16.8	1.83 H	266	-5.27	42.47
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	101.5 PK			1.74 V	278	70.82	30.68
2	*2467.00	91.2 AV			1.74 V	278	60.52	30.68
3	2483.50	63.9 PK	74.0	-10.1	1.74 V	278	33.16	30.74
4	2483.50	48.6 AV	54.0	-5.4	1.74 V	278	17.86	30.74
5	4934.00	43.3 PK	74.0	-30.7	1.00 V	187	7.25	36.05
6	4934.00	31.5 AV	54.0	-22.5	1.00 V	187	-4.55	36.05
7	7401.00	49.2 PK	74.0	-24.8	1.65 V	16	6.73	42.47
8	7401.00	39.6 AV	54.0	-14.4	1.65 V	16	-2.87	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	93.8 PK			1.06 H	301	63.10	30.70
2	*2472.00	85.1 AV			1.06 H	301	54.40	30.70
3	2483.50	70.5 PK	74.0	-3.5	1.06 H	301	39.76	30.74
4	2483.50	51.5 AV	54.0	-2.5	1.06 H	301	20.76	30.74
5	4944.00	43.3 PK	74.0	-30.7	1.14 H	316	7.23	36.07
6	4944.00	30.6 AV	54.0	-23.4	1.14 H	316	-5.47	36.07
7	7416.00	49.0 PK	74.0	-25.0	1.85 H	264	6.50	42.50
8	7416.00	37.1 AV	54.0	-16.9	1.85 H	264	-5.40	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	92.4 PK			1.74 V	278	61.70	30.70
2	*2472.00	82.6 AV			1.74 V	278	51.90	30.70
3	2483.50	68.7 PK	74.0	-5.3	1.74 V	178	37.96	30.74
4	2483.50	50.6 AV	54.0	-3.4	1.74 V	178	19.86	30.74
5	4944.00	43.5 PK	74.0	-30.5	1.02 V	193	7.43	36.07
6	4944.00	31.8 AV	54.0	-22.2	1.02 V	193	-4.27	36.07
7	7416.00	48.1 PK	74.0	-25.9	1.65 V	24	5.60	42.50
8	7416.00	39.0 AV	54.0	-15.0	1.65 V	24	-3.50	42.50

REMARKS:

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

4.2.8 TEST RESULTS (MODE 2)

BELOW 1GHz WORST-CASE DATA

802.11n (HT20)

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	192.01	35.5 QP	43.5	-8.0	1.79 H	291	22.98	12.53
2	320.01	37.6 QP	46.0	-8.5	1.00 H	47	20.68	16.87
3	448.00	37.6 QP	46.0	-8.4	1.00 H	161	17.05	20.59
4	576.00	31.9 QP	46.0	-14.1	1.23 H	66	7.13	24.73
5	640.00	38.7 QP	46.0	-7.3	1.00 H	36	12.39	26.31
6	704.00	37.4 QP	46.0	-8.6	1.17 H	38	10.36	27.08
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	128.00	34.2 QP	43.5	-9.3	1.00 V	110	20.81	13.40
2	192.00	31.9 QP	43.5	-11.6	1.53 V	20	19.34	12.54
3	320.00	34.7 QP	46.0	-11.3	1.00 V	36	17.86	16.87
4	448.00	35.3 QP	46.0	-10.7	1.11 V	217	14.75	20.59
5	576.00	30.5 QP	46.0	-15.5	1.00 V	145	5.78	24.73
6	639.99	38.3 QP	46.0	-7.8	1.00 V	160	11.94	26.31

REMARKS:

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

ABOVE 1GHz DATA

802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK)
FREQUENCY RANGE	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	1.31 H	23	26.01	30.39
2	2390.00	44.8 AV	54.0	-9.2	1.31 H	23	14.41	30.39
3	*2412.00	103.5 PK			1.31 H	23	73.03	30.47
4	*2412.00	100.8 AV			1.31 H	23	70.33	30.47
5	4824.00	41.9 PK	74.0	-32.1	1.00 H	140	5.99	35.91
6	4824.00	29.9 AV	54.0	-24.1	1.00 H	140	-6.01	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	59.1 PK	74.0	-14.9	1.38 V	195	28.71	30.39
2	2390.00	49.5 AV	54.0	-4.5	1.38 V	195	19.11	30.39
3	*2412.00	106.6 PK			1.38 V	195	76.13	30.47
4	*2412.00	104.4 AV			1.38 V	195	73.93	30.47
5	4824.00	42.1 PK	74.0	-31.9	1.18 V	27	6.19	35.91
6	4824.00	30.0 AV	54.0	-24.0	1.18 V	27	-5.91	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.32 H	24	25.71	30.39
2	2390.00	44.2 AV	54.0	-9.8	1.32 H	24	13.81	30.39
3	*2417.00	103.3 PK			1.32 H	24	72.81	30.49
4	*2417.00	100.5 AV			1.32 H	24	70.01	30.49
5	4834.00	41.2 PK	74.0	-32.8	1.00 H	149	5.28	35.92
6	4834.00	29.2 AV	54.0	-24.8	1.00 H	149	-6.72	35.92
7	7251.00	48.6 PK	74.0	-25.4	1.00 H	264	6.52	42.08
8	7251.00	36.0 AV	54.0	-18.0	1.00 H	264	-6.08	42.08
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	57.8 PK	74.0	-16.2	1.35 V	100	27.41	30.39
2	2390.00	48.3 AV	54.0	-5.7	1.35 V	100	17.91	30.39
3	*2417.00	106.3 PK			1.35 V	100	75.81	30.49
4	*2417.00	104.2 AV			1.35 V	100	73.71	30.49
5	4834.00	42.0 PK	74.0	-32.0	1.11 V	43	6.08	35.92
6	4834.00	30.1 AV	54.0	-23.9	1.11 V	43	-5.82	35.92
7	7251.00	49.1 PK	74.0	-24.9	1.03 V	150	7.02	42.08
8	7251.00	37.8 AV	54.0	-16.2	1.03 V	150	-4.28	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	56.9 PK	74.0	-17.1	1.35 H	21	26.51	30.39
2	2390.00	45.3 AV	54.0	-8.7	1.35 H	21	14.91	30.39
3	*2422.00	103.7 PK			1.35 H	21	73.19	30.51
4	*2422.00	101.2 AV			1.35 H	21	70.69	30.51
5	4844.00	41.7 PK	74.0	-32.3	1.00 H	140	5.77	35.93
6	4844.00	29.4 AV	54.0	-24.6	1.00 H	140	-6.53	35.93
7	7266.00	48.7 PK	74.0	-25.3	1.00 H	258	6.61	42.09
8	7266.00	36.2 AV	54.0	-17.8	1.00 H	258	-5.89	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.9 PK	74.0	-15.1	1.35 V	100	28.51	30.39
2	2390.00	50.5 AV	54.0	-3.5	1.35 V	100	20.11	30.39
3	*2422.00	107.0 PK			1.35 V	100	76.49	30.51
4	*2422.00	104.9 AV			1.35 V	100	74.39	30.51
5	4844.00	42.5 PK	74.0	-31.5	1.13 V	30	6.57	35.93
6	4844.00	30.6 AV	54.0	-23.4	1.13 V	30	-5.33	35.93
7	7266.00	48.7 PK	74.0	-25.3	1.01 V	160	6.61	42.09
8	7266.00	37.8 AV	54.0	-16.2	1.01 V	160	-4.29	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	56.8 PK	74.0	-17.2	1.35 H	28	26.41	30.39
2	2390.00	45.8 AV	54.0	-8.2	1.35 H	28	15.41	30.39
3	*2437.00	104.2 PK			1.35 H	28	73.63	30.57
4	*2437.00	101.7 AV			1.35 H	28	71.13	30.57
5	2483.50	56.0 PK	74.0	-18.0	1.35 H	28	25.26	30.74
6	2483.50	45.3 AV	54.0	-8.7	1.35 H	28	14.56	30.74
7	4874.00	41.7 PK	74.0	-32.3	1.00 H	135	5.74	35.96
8	4874.00	29.5 AV	54.0	-24.5	1.00 H	135	-6.46	35.96
9	7311.00	48.6 PK	74.0	-25.4	1.00 H	255	6.44	42.16
10	7311.00	36.1 AV	54.0	-17.9	1.00 H	255	-6.06	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	57.9 PK	74.0	-16.1	1.35 V	100	27.51	30.39
2	2390.00	48.6 AV	54.0	-5.4	1.35 V	100	18.21	30.39
3	*2437.00	107.3 PK			1.35 V	100	76.73	30.57
4	*2437.00	105.3 AV			1.35 V	100	74.73	30.57
5	2483.50	57.9 PK	74.0	-16.1	1.35 V	100	27.16	30.74
6	2483.50	47.0 AV	54.0	-7.0	1.35 V	100	16.26	30.74
7	4874.00	41.9 PK	74.0	-32.1	1.12 V	36	5.94	35.96
8	4874.00	30.1 AV	54.0	-23.9	1.12 V	36	-5.86	35.96
9	7311.00	48.9 PK	74.0	-25.1	1.00 V	150	6.74	42.16
10	7311.00	37.9 AV	54.0	-16.1	1.00 V	150	-4.26	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	102.7 PK			1.70 H	26	72.08	30.62
2	*2452.00	100.3 AV			1.70 H	26	69.68	30.62
3	2483.50	57.1 PK	74.0	-16.9	1.70 H	26	26.36	30.74
4	2483.50	44.1 AV	54.0	-9.9	1.70 H	26	13.36	30.74
5	4904.00	41.9 PK	74.0	-32.1	1.01 H	127	5.91	35.99
6	4904.00	29.5 AV	54.0	-24.5	1.01 H	127	-6.49	35.99
7	7356.00	49.1 PK	74.0	-24.9	1.00 H	258	6.78	42.32
8	7356.00	36.6 AV	54.0	-17.4	1.00 H	258	-5.72	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	107.3 PK			1.37 V	250	76.68	30.62
2	*2452.00	105.3 AV			1.37 V	250	74.68	30.62
3	2483.50	60.2 PK	74.0	-13.8	1.37 V	250	29.46	30.74
4	2483.50	52.0 AV	54.0	-2.0	1.37 V	250	21.26	30.74
5	4904.00	41.9 PK	74.0	-32.1	1.13 V	30	5.91	35.99
6	4904.00	30.3 AV	54.0	-23.7	1.13 V	30	-5.69	35.99
7	7356.00	48.8 PK	74.0	-25.2	1.00 V	166	6.48	42.32
8	7356.00	37.9 AV	54.0	-16.1	1.00 V	166	-4.42	42.32

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	102.9 PK			1.73 H	29	72.26	30.64
2	*2457.00	100.1 AV			1.73 H	29	69.46	30.64
3	2483.50	56.3 PK	74.0	-17.7	1.73 H	29	25.56	30.74
4	2483.50	44.3 AV	54.0	-9.7	1.73 H	29	13.56	30.74
5	4914.00	42.1 PK	74.0	-31.9	1.01 H	139	6.09	36.01
6	4914.00	29.8 AV	54.0	-24.2	1.01 H	139	-6.21	36.01
7	7371.00	49.0 PK	74.0	-25.0	1.01 H	251	6.63	42.37
8	7371.00	36.4 AV	54.0	-17.6	1.01 H	251	-5.97	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.3 PK			1.27 V	89	77.66	30.64
2	*2457.00	105.9 AV			1.27 V	89	75.26	30.64
3	2483.50	59.2 PK	74.0	-14.8	1.27 V	88	28.46	30.74
4	2483.50	51.1 AV	54.0	-2.9	1.27 V	88	20.36	30.74
5	4914.00	41.8 PK	74.0	-32.2	1.08 V	30	5.79	36.01
6	4914.00	30.2 AV	54.0	-23.8	1.08 V	30	-5.81	36.01
7	7371.00	49.0 PK	74.0	-25.0	1.00 V	144	6.63	42.37
8	7371.00	38.0 AV	54.0	-16.0	1.00 V	144	-4.37	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	102.5 PK			1.72 H	24	71.84	30.66
2	*2462.00	100.3 AV			1.72 H	24	69.64	30.66
3	2483.50	56.6 PK	74.0	-17.4	1.72 H	24	25.86	30.74
4	2483.50	44.7 AV	54.0	-9.3	1.72 H	24	13.96	30.74
5	4924.00	41.3 PK	74.0	-32.7	1.04 H	141	5.27	36.03
6	4924.00	29.1 AV	54.0	-24.9	1.04 H	141	-6.93	36.03
7	7386.00	48.7 PK	74.0	-25.3	1.04 H	241	6.28	42.42
8	7386.00	36.0 AV	54.0	-18.0	1.04 H	241	-6.42	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	108.2 PK			1.28 V	88	77.54	30.66
2	*2462.00	106.1 AV			1.28 V	88	75.44	30.66
3	2483.50	59.1 PK	74.0	-14.9	1.28 V	88	28.36	30.74
4	2483.50	51.6 AV	54.0	-2.4	1.28 V	88	20.86	30.74
5	4924.00	41.5 PK	74.0	-32.5	1.14 V	44	5.47	36.03
6	4924.00	29.6 AV	54.0	-24.4	1.14 V	44	-6.43	36.03
7	7386.00	49.0 PK	74.0	-25.0	1.01 V	146	6.58	42.42
8	7386.00	38.0 AV	54.0	-16.0	1.01 V	146	-4.42	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	99.7 PK			1.70 H	29	69.02	30.68
2	*2467.00	96.8 AV			1.70 H	29	66.12	30.68
3	2483.50	57.3 PK	74.0	-16.7	1.70 H	29	26.56	30.74
4	2483.50	44.9 AV	54.0	-9.1	1.70 H	29	14.16	30.74
5	4934.00	42.1 PK	74.0	-31.9	1.00 H	124	6.05	36.05
6	4934.00	29.9 AV	54.0	-24.1	1.00 H	124	-6.15	36.05
7	7401.00	48.9 PK	74.0	-25.1	1.00 H	249	6.43	42.47
8	7401.00	36.1 AV	54.0	-17.9	1.00 H	249	-6.37	42.47
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	102.7 PK			1.28 V	88	72.02	30.68
2	*2467.00	100.7 AV			1.28 V	88	70.02	30.68
3	2483.50	58.5 PK	74.0	-15.5	1.28 V	88	27.76	30.74
4	2483.50	50.4 AV	54.0	-3.6	1.28 V	88	19.66	30.74
5	4934.00	42.1 PK	74.0	-31.9	1.14 V	20	6.05	36.05
6	4934.00	30.1 AV	54.0	-23.9	1.14 V	20	-5.95	36.05
7	7401.00	49.0 PK	74.0	-25.0	1.05 V	148	6.53	42.47
8	7401.00	37.9 AV	54.0	-16.1	1.05 V	148	-4.57	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	98.5 PK			1.72 H	27	67.80	30.70
2	*2472.00	95.6 AV			1.72 H	27	64.90	30.70
3	2483.50	57.1 PK	74.0	-16.9	1.73 H	27	26.36	30.74
4	2483.50	45.5 AV	54.0	-8.5	1.73 H	27	14.76	30.74
5	4944.00	41.7 PK	74.0	-32.3	1.00 H	126	5.63	36.07
6	4944.00	29.6 AV	54.0	-24.4	1.00 H	126	-6.47	36.07
7	7416.00	48.6 PK	74.0	-25.4	1.00 H	260	6.10	42.50
8	7416.00	36.3 AV	54.0	-17.7	1.00 H	260	-6.20	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	100.3 PK			1.27 V	138	69.60	30.70
2	*2472.00	97.9 AV			1.27 V	138	67.20	30.70
3	2483.50	57.9 PK	74.0	-16.1	1.27 V	138	27.16	30.74
4	2483.50	49.3 AV	54.0	-4.7	1.27 V	138	18.56	30.74
5	4944.00	42.2 PK	74.0	-31.8	1.14 V	48	6.13	36.07
6	4944.00	30.6 AV	54.0	-23.4	1.14 V	48	-5.47	36.07
7	7416.00	48.9 PK	74.0	-25.1	1.00 V	142	6.40	42.50
8	7416.00	38.1 AV	54.0	-15.9	1.00 V	142	-4.40	42.50

REMARKS:

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

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CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK)
FREQUENCY RANGE	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	64.1 PK	74.0	-9.9	1.31 H	23	33.71	30.39
2	2390.00	49.1 AV	54.0	-4.9	1.31 H	23	18.71	30.39
3	*2412.00	102.4 PK			1.31 H	23	71.93	30.47
4	*2412.00	92.8 AV			1.31 H	23	62.33	30.47
5	4824.00	41.1 PK	74.0	-32.9	1.00 H	135	5.19	35.91
6	4824.00	29.8 AV	54.0	-24.2	1.00 H	135	-6.11	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	67.2 PK	74.0	-6.8	1.35 V	210	36.81	30.39
2	2390.00	51.9 AV	54.0	-2.1	1.35 V	210	21.51	30.39
3	*2412.00	106.5 PK			1.35 V	210	76.03	30.47
4	*2412.00	97.6 AV			1.35 V	210	67.13	30.47
5	4824.00	42.1 PK	74.0	-31.9	1.12 V	31	6.19	35.91
6	4824.00	30.1 AV	54.0	-23.9	1.12 V	31	-5.81	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	63.2 PK	74.0	-10.8	1.33 H	25	32.81	30.39
2	2390.00	48.3 AV	54.0	-5.7	1.33 H	25	17.91	30.39
3	*2417.00	102.6 PK			1.33 H	25	72.11	30.49
4	*2417.00	93.2 AV			1.33 H	25	62.71	30.49
5	4834.00	41.3 PK	74.0	-32.7	1.00 H	131	5.38	35.92
6	4834.00	29.9 AV	54.0	-24.1	1.00 H	131	-6.02	35.92
7	7251.00	46.6 PK	74.0	-27.4	1.00 H	253	4.52	42.08
8	7251.00	36.5 AV	54.0	-17.5	1.00 H	253	-5.58	42.08
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	66.5 PK	74.0	-7.5	1.36 V	99	36.11	30.39
2	2390.00	50.6 AV	54.0	-3.4	1.36 V	99	20.21	30.39
3	*2417.00	107.3 PK			1.36 V	99	76.81	30.49
4	*2417.00	98.9 AV			1.36 V	99	68.41	30.49
5	4834.00	42.3 PK	74.0	-31.7	1.15 V	33	6.38	35.92
6	4834.00	30.3 AV	54.0	-23.7	1.15 V	33	-5.62	35.92
7	7251.00	46.3 PK	74.0	-27.7	1.00 V	148	4.22	42.08
8	7251.00	36.4 AV	54.0	-17.6	1.00 V	148	-5.68	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	65.5 PK	74.0	-8.5	1.35 H	29	35.11	30.39
2	2390.00	49.3 AV	54.0	-4.7	1.35 H	29	18.91	30.39
3	*2422.00	103.2 PK			1.35 H	29	72.69	30.51
4	*2422.00	94.5 AV			1.35 H	29	63.99	30.51
5	4844.00	41.5 PK	74.0	-32.5	1.00 H	129	5.57	35.93
6	4844.00	29.7 AV	54.0	-24.3	1.00 H	129	-6.23	35.93
7	7266.00	46.5 PK	74.0	-27.5	1.00 H	253	4.41	42.09
8	7266.00	36.7 AV	54.0	-17.3	1.00 H	253	-5.39	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.1 PK	74.0	-5.9	1.35 V	99	37.71	30.39
2	2390.00	51.7 AV	54.0	-2.3	1.35 V	99	21.31	30.39
3	*2422.00	108.7 PK			1.35 V	99	78.19	30.51
4	*2422.00	100.3 AV			1.35 V	99	69.79	30.51
5	4844.00	42.5 PK	74.0	-31.5	1.13 V	32	6.57	35.93
6	4844.00	30.5 AV	54.0	-23.5	1.13 V	32	-5.43	35.93
7	7266.00	46.1 PK	74.0	-27.9	1.00 V	156	4.01	42.09
8	7266.00	36.5 AV	54.0	-17.5	1.00 V	156	-5.59	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.32 H	27	25.41	30.39
2	2390.00	44.5 AV	54.0	-9.5	1.32 H	27	14.11	30.39
3	*2437.00	106.3 PK			1.32 H	27	75.73	30.57
4	*2437.00	96.1 AV			1.32 H	27	65.53	30.57
5	2483.50	56.1 PK	74.0	-17.9	1.32 H	27	25.36	30.74
6	2483.50	44.3 AV	54.0	-9.7	1.32 H	27	13.56	30.74
7	4874.00	41.6 PK	74.0	-32.4	1.00 H	125	5.64	35.96
8	4874.00	29.6 AV	54.0	-24.4	1.00 H	125	-6.36	35.96
9	7311.00	46.3 PK	74.0	-27.7	1.00 H	251	4.14	42.16
10	7311.00	36.5 AV	54.0	-17.5	1.00 H	251	-5.66	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.6 PK	74.0	-9.4	1.34 V	265	34.21	30.39
2	2390.00	48.1 AV	54.0	-5.9	1.34 V	265	17.71	30.39
3	*2437.00	110.1 PK			1.34 V	265	79.53	30.57
4	*2437.00	101.6 AV			1.34 V	265	71.03	30.57
5	2483.50	63.7 PK	74.0	-10.3	1.34 V	265	32.96	30.74
6	2483.50	47.9 AV	54.0	-6.1	1.34 V	265	17.16	30.74
7	4874.00	42.1 PK	74.0	-31.9	1.14 V	30	6.14	35.96
8	4874.00	30.2 AV	54.0	-23.8	1.14 V	30	-5.76	35.96
9	7311.00	46.5 PK	74.0	-27.5	1.00 V	153	4.34	42.16
10	7311.00	36.6 AV	54.0	-17.4	1.00 V	153	-5.56	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	103.1 PK			1.73 H	30	72.48	30.62
2	*2452.00	94.3 AV			1.73 H	30	63.68	30.62
3	2483.50	64.1 PK	74.0	-9.9	1.73 H	30	33.36	30.74
4	2483.50	48.5 AV	54.0	-5.5	1.73 H	30	17.76	30.74
5	4904.00	41.8 PK	74.0	-32.2	1.00 H	129	5.81	35.99
6	4904.00	29.9 AV	54.0	-24.1	1.00 H	129	-6.09	35.99
7	7356.00	46.6 PK	74.0	-27.4	1.00 H	251	4.28	42.32
8	7356.00	36.8 AV	54.0	-17.2	1.00 H	251	-5.52	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	108.9 PK			1.26 V	87	78.28	30.62
2	*2452.00	100.3 AV			1.26 V	87	69.68	30.62
3	2483.50	66.4 PK	74.0	-7.6	1.26 V	87	35.66	30.74
4	2483.50	50.6 AV	54.0	-3.4	1.26 V	87	19.86	30.74
5	4904.00	42.0 PK	74.0	-32.0	1.10 V	33	6.01	35.99
6	4904.00	30.3 AV	54.0	-23.7	1.10 V	33	-5.69	35.99
7	7356.00	46.3 PK	74.0	-27.7	1.00 V	152	3.98	42.32
8	7356.00	36.9 AV	54.0	-17.1	1.00 V	152	-5.42	42.32

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	103.3 PK			1.75 H	31	72.66	30.64
2	*2457.00	94.4 AV			1.75 H	31	63.76	30.64
3	2483.50	65.3 PK	74.0	-8.7	1.75 H	31	34.56	30.74
4	2483.50	49.1 AV	54.0	-4.9	1.75 H	31	18.36	30.74
5	4914.00	41.9 PK	74.0	-32.1	1.00 H	128	5.89	36.01
6	4914.00	30.2 AV	54.0	-23.8	1.00 H	128	-5.81	36.01
7	7371.00	46.3 PK	74.0	-27.7	1.00 H	255	3.93	42.37
8	7371.00	36.2 AV	54.0	-17.8	1.00 H	255	-6.17	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	108.6 PK			1.28 V	88	77.96	30.64
2	*2457.00	100.3 AV			1.28 V	88	69.66	30.64
3	2483.50	70.2 PK	74.0	-3.8	1.28 V	88	39.46	30.74
4	2483.50	51.5 AV	54.0	-2.5	1.28 V	88	20.76	30.74
5	4914.00	42.5 PK	74.0	-31.5	1.14 V	35	6.49	36.01
6	4914.00	30.1 AV	54.0	-23.9	1.14 V	35	-5.91	36.01
7	7371.00	46.8 PK	74.0	-27.2	1.00 V	151	4.43	42.37
8	7371.00	36.4 AV	54.0	-17.6	1.00 V	151	-5.97	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	104.1 PK			1.71 H	28	73.44	30.66
2	*2462.00	93.6 AV			1.71 H	28	62.94	30.66
3	2483.50	69.6 PK	74.0	-4.4	1.71 H	28	38.86	30.74
4	2483.50	48.1 AV	54.0	-5.9	1.71 H	28	17.36	30.74
5	4924.00	41.8 PK	74.0	-32.2	1.00 H	120	5.77	36.03
6	4924.00	30.1 AV	54.0	-23.9	1.00 H	120	-5.93	36.03
7	7386.00	47.6 PK	74.0	-26.4	1.00 H	251	5.18	42.42
8	7386.00	36.3 AV	54.0	-17.7	1.00 H	251	-6.12	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.7 PK			1.27 V	90	77.04	30.66
2	*2462.00	98.9 AV			1.27 V	90	68.24	30.66
3	2483.50	71.6 PK	74.0	-2.4	1.27 V	90	40.86	30.74
4	2483.50	51.3 AV	54.0	-2.7	1.27 V	90	20.56	30.74
5	4924.00	42.1 PK	74.0	-31.9	1.13 V	31	6.07	36.03
6	4924.00	30.3 AV	54.0	-23.7	1.13 V	31	-5.73	36.03
7	7386.00	47.3 PK	74.0	-26.7	1.00 V	152	4.88	42.42
8	7386.00	36.7 AV	54.0	-17.3	1.00 V	152	-5.72	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	103.7 PK			1.73 H	30	73.02	30.68
2	*2467.00	92.8 AV			1.73 H	30	62.12	30.68
3	2483.50	69.3 PK	74.0	-4.7	1.73 H	30	38.56	30.74
4	2483.50	47.8 AV	54.0	-6.2	1.73 H	30	17.06	30.74
5	4934.00	41.9 PK	74.0	-32.1	1.00 H	121	5.85	36.05
6	4934.00	29.7 AV	54.0	-24.3	1.00 H	121	-6.35	36.05
7	7401.00	47.6 PK	74.0	-26.4	1.00 H	253	5.13	42.47
8	7401.00	36.1 AV	54.0	-17.9	1.00 H	253	-6.37	42.47
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	107.9 PK			1.28 V	89	77.22	30.68
2	*2467.00	97.9 AV			1.28 V	89	67.22	30.68
3	2483.50	70.7 PK	74.0	-3.3	1.28 V	89	39.96	30.74
4	2483.50	50.9 AV	54.0	-3.1	1.28 V	89	20.16	30.74
5	4934.00	42.3 PK	74.0	-31.7	1.12 V	34	6.25	36.05
6	4934.00	30.1 AV	54.0	-23.9	1.12 V	34	-5.95	36.05
7	7401.00	46.3 PK	74.0	-27.7	1.00 V	153	3.83	42.47
8	7401.00	36.6 AV	54.0	-17.4	1.00 V	153	-5.87	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	90.1 PK			1.73 H	33	59.40	30.70
2	*2472.00	80.8 AV			1.73 H	33	50.10	30.70
3	2483.50	66.1 PK	74.0	-7.9	1.73 H	33	35.36	30.74
4	2483.50	46.8 AV	54.0	-7.2	1.73 H	33	16.06	30.74
5	4944.00	41.8 PK	74.0	-32.2	1.00 H	123	5.73	36.07
6	4944.00	30.1 AV	54.0	-23.9	1.00 H	123	-5.97	36.07
7	7416.00	47.5 PK	74.0	-26.5	1.00 H	255	5.00	42.50
8	7416.00	36.3 AV	54.0	-17.7	1.00 H	255	-6.20	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	94.6 PK			1.27 V	138	63.90	30.70
2	*2472.00	85.9 AV			1.27 V	138	55.20	30.70
3	2483.50	70.4 PK	74.0	-3.6	1.27 V	138	39.66	30.74
4	2483.50	51.3 AV	54.0	-2.7	1.27 V	138	20.56	30.74
5	4944.00	42.2 PK	74.0	-31.8	1.15 V	32	6.13	36.07
6	4944.00	30.3 AV	54.0	-23.7	1.15 V	32	-5.77	36.07
7	7416.00	47.9 PK	74.0	-26.1	1.00 V	155	5.40	42.50
8	7416.00	36.8 AV	54.0	-17.2	1.00 V	155	-5.70	42.50

REMARKS:

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

802.11n (HT20)

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

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	64.1 PK	74.0	-9.9	1.31 H	25	33.71	30.39
2	2390.00	48.9 AV	54.0	-5.1	1.31 H	25	18.51	30.39
3	*2412.00	102.6 PK			1.31 H	25	72.13	30.47
4	*2412.00	92.1 AV			1.31 H	25	61.63	30.47
5	4824.00	42.1 PK	74.0	-31.9	1.00 H	125	6.19	35.91
6	4824.00	29.8 AV	54.0	-24.2	1.00 H	125	-6.11	35.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	69.9 PK	74.0	-4.1	1.36 V	209	39.51	30.39
2	2390.00	51.6 AV	54.0	-2.4	1.36 V	209	21.21	30.39
3	*2412.00	106.6 PK			1.36 V	209	76.13	30.47
4	*2412.00	96.9 AV			1.36 V	209	66.43	30.47
5	4824.00	42.1 PK	74.0	-31.9	1.11 V	29	6.19	35.91
6	4824.00	30.1 AV	54.0	-23.9	1.11 V	29	-5.81	35.91

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	64.5 PK	74.0	-9.5	1.30 H	28	34.11	30.39
2	2390.00	49.2 AV	54.0	-4.8	1.30 H	28	18.81	30.39
3	*2417.00	104.1 PK			1.30 H	28	73.61	30.49
4	*2417.00	94.3 AV			1.30 H	28	63.81	30.49
5	4834.00	42.3 PK	74.0	-31.7	1.00 H	128	6.38	35.92
6	4834.00	29.7 AV	54.0	-24.3	1.00 H	128	-6.22	35.92
7	7251.00	48.1 PK	74.0	-25.9	1.00 H	251	6.02	42.08
8	7251.00	36.5 AV	54.0	-17.5	1.00 H	251	-5.58	42.08
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	68.3 PK	74.0	-5.7	1.35 V	100	37.91	30.39
2	2390.00	51.8 AV	54.0	-2.2	1.35 V	100	21.41	30.39
3	*2417.00	108.4 PK			1.35 V	100	77.91	30.49
4	*2417.00	98.7 AV			1.35 V	100	68.21	30.49
5	4834.00	42.3 PK	74.0	-31.7	1.11 V	33	6.38	35.92
6	4834.00	30.3 AV	54.0	-23.7	1.11 V	33	-5.62	35.92
7	7251.00	47.5 PK	74.0	-26.5	1.00 V	152	5.42	42.08
8	7251.00	36.7 AV	54.0	-17.3	1.00 V	152	-5.38	42.08

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	62.9 PK	74.0	-11.1	1.35 H	21	32.51	30.39
2	2390.00	48.5 AV	54.0	-5.5	1.35 H	21	18.11	30.39
3	*2422.00	104.3 PK			1.35 H	21	73.79	30.51
4	*2422.00	95.2 AV			1.35 H	21	64.69	30.51
5	4844.00	42.6 PK	74.0	-31.4	1.00 H	127	6.67	35.93
6	4844.00	29.6 AV	54.0	-24.4	1.00 H	127	-6.33	35.93
7	7266.00	48.4 PK	74.0	-25.6	1.00 H	256	6.31	42.09
8	7266.00	36.4 AV	54.0	-17.6	1.00 H	256	-5.69	42.09
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	65.2 PK	74.0	-8.8	1.34 V	100	34.81	30.39
2	2390.00	50.5 AV	54.0	-3.5	1.34 V	100	20.11	30.39
3	*2422.00	108.9 PK			1.34 V	100	78.39	30.51
4	*2422.00	99.6 AV			1.34 V	100	69.09	30.51
5	4844.00	42.2 PK	74.0	-31.8	1.12 V	30	6.27	35.93
6	4844.00	30.1 AV	54.0	-23.9	1.12 V	30	-5.83	35.93
7	7266.00	47.5 PK	74.0	-26.5	1.00 V	151	5.41	42.09
8	7266.00	36.4 AV	54.0	-17.6	1.00 V	151	-5.69	42.09

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.33 H	26	25.41	30.39
2	2390.00	44.8 AV	54.0	-9.2	1.33 H	26	14.41	30.39
3	*2437.00	106.3 PK			1.33 H	26	75.73	30.57
4	*2437.00	96.9 AV			1.33 H	26	66.33	30.57
5	2483.50	56.1 PK	74.0	-17.9	1.33 H	26	25.36	30.74
6	2483.50	44.3 AV	54.0	-9.7	1.33 H	26	13.56	30.74
7	4874.00	42.3 PK	74.0	-31.7	1.00 H	131	6.34	35.96
8	4874.00	29.9 AV	54.0	-24.1	1.00 H	131	-6.06	35.96
9	7311.00	48.4 PK	74.0	-25.6	1.00 H	254	6.24	42.16
10	7311.00	36.3 AV	54.0	-17.7	1.00 H	254	-5.86	42.16
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.4 PK	74.0	-9.6	1.34 V	266	34.01	30.39
2	2390.00	48.8 AV	54.0	-5.2	1.34 V	266	18.41	30.39
3	*2437.00	111.4 PK			1.34 V	266	80.83	30.57
4	*2437.00	101.5 AV			1.34 V	266	70.93	30.57
5	2483.50	63.7 PK	74.0	-10.3	1.34 V	266	32.96	30.74
6	2483.50	48.6 AV	54.0	-5.4	1.34 V	266	17.86	30.74
7	4874.00	42.3 PK	74.0	-31.7	1.13 V	31	6.34	35.96
8	4874.00	30.2 AV	54.0	-23.8	1.13 V	31	-5.76	35.96
9	7311.00	47.1 PK	74.0	-26.9	1.00 V	149	4.94	42.16
10	7311.00	36.9 AV	54.0	-17.1	1.00 V	149	-5.26	42.16

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	106.1 PK			1.73 H	29	75.48	30.62
2	*2452.00	96.2 AV			1.73 H	29	65.58	30.62
3	2483.50	62.5 PK	74.0	-11.5	1.73 H	29	31.76	30.74
4	2483.50	48.1 AV	54.0	-5.9	1.73 H	29	17.36	30.74
5	4904.00	42.5 PK	74.0	-31.5	1.00 H	124	6.51	35.99
6	4904.00	30.1 AV	54.0	-23.9	1.00 H	124	-5.89	35.99
7	7356.00	48.3 PK	74.0	-25.7	1.00 H	253	5.98	42.32
8	7356.00	36.5 AV	54.0	-17.5	1.00 H	253	-5.82	42.32
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	109.5 PK			1.26 V	88	78.88	30.62
2	*2452.00	100.0 AV			1.26 V	88	69.38	30.62
3	2483.50	67.2 PK	74.0	-6.8	1.26 V	88	36.46	30.74
4	2483.50	51.1 AV	54.0	-2.9	1.26 V	88	20.36	30.74
5	4904.00	42.1 PK	74.0	-31.9	1.09 V	33	6.11	35.99
6	4904.00	30.1 AV	54.0	-23.9	1.09 V	33	-5.89	35.99
7	7356.00	47.6 PK	74.0	-26.4	1.00 V	155	5.28	42.32
8	7356.00	36.8 AV	54.0	-17.2	1.00 V	155	-5.52	42.32

REMARKS:

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

CHANNEL	TX Channel 10	**DETECTOR FUNCTION**	Peak (PK)
FREQUENCY RANGE	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	105.4 PK			1.75 H	30	74.76	30.64
2	*2457.00	95.7 AV			1.75 H	30	65.06	30.64
3	2483.50	63.2 PK	74.0	-10.8	1.75 H	30	32.46	30.74
4	2483.50	48.3 AV	54.0	-5.7	1.75 H	30	17.56	30.74
5	4914.00	42.6 PK	74.0	-31.4	1.00 H	129	6.59	36.01
6	4914.00	29.7 AV	54.0	-24.3	1.00 H	129	-6.31	36.01
7	7371.00	48.6 PK	74.0	-25.4	1.00 H	255	6.23	42.37
8	7371.00	36.5 AV	54.0	-17.5	1.00 H	255	-5.87	42.37
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2457.00	108.8 PK			1.28 V	90	78.16	30.64
2	*2457.00	99.5 AV			1.28 V	90	68.86	30.64
3	2483.50	68.3 PK	74.0	-5.7	1.28 V	90	37.56	30.74
4	2483.50	50.3 AV	54.0	-3.7	1.28 V	90	19.56	30.74
5	4914.00	42.1 PK	74.0	-31.9	1.10 V	32	6.09	36.01
6	4914.00	30.2 AV	54.0	-23.8	1.10 V	32	-5.81	36.01
7	7371.00	47.3 PK	74.0	-26.7	1.00 V	152	4.93	42.37
8	7371.00	36.8 AV	54.0	-17.2	1.00 V	152	-5.57	42.37

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	104.3 PK			1.71 H	32	73.64	30.66
2	*2462.00	94.5 AV			1.71 H	32	63.84	30.66
3	2483.50	64.4 PK	74.0	-9.6	1.71 H	32	33.66	30.74
4	2483.50	48.6 AV	54.0	-5.4	1.71 H	32	17.86	30.74
5	4924.00	42.7 PK	74.0	-31.3	1.00 H	122	6.67	36.03
6	4924.00	29.9 AV	54.0	-24.1	1.00 H	122	-6.13	36.03
7	7386.00	48.6 PK	74.0	-25.4	1.00 H	251	6.18	42.42
8	7386.00	36.1 AV	54.0	-17.9	1.00 H	251	-6.32	42.42
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.8 PK			1.27 V	89	77.14	30.66
2	*2462.00	98.2 AV			1.27 V	89	67.54	30.66
3	2483.50	70.8 PK	74.0	-3.2	1.27 V	89	40.06	30.74
4	2483.50	51.3 AV	54.0	-2.7	1.27 V	89	20.56	30.74
5	4924.00	42.4 PK	74.0	-31.6	1.13 V	28	6.37	36.03
6	4924.00	30.3 AV	54.0	-23.7	1.13 V	28	-5.73	36.03
7	7386.00	47.6 PK	74.0	-26.4	1.00 V	148	5.18	42.42
8	7386.00	36.3 AV	54.0	-17.7	1.00 V	148	-6.12	42.42

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	100.1 PK			1.75 H	33	69.42	30.68
2	*2467.00	90.7 AV			1.75 H	33	60.02	30.68
3	2483.50	63.7 PK	74.0	-10.3	1.75 H	33	32.96	30.74
4	2483.50	46.8 AV	54.0	-7.2	1.75 H	33	16.06	30.74
5	4934.00	42.3 PK	74.0	-31.7	1.00 H	123	6.25	36.05
6	4934.00	29.8 AV	54.0	-24.2	1.00 H	123	-6.25	36.05
7	7401.00	48.7 PK	74.0	-25.3	1.00 H	255	6.23	42.47
8	7401.00	36.5 AV	54.0	-17.5	1.00 H	255	-5.97	42.47
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	104.4 PK			1.29 V	88	73.72	30.68
2	*2467.00	94.9 AV			1.29 V	88	64.22	30.68
3	2483.50	65.9 PK	74.0	-8.1	1.29 V	88	35.16	30.74
4	2483.50	51.3 AV	54.0	-2.7	1.29 V	88	20.56	30.74
5	4934.00	42.3 PK	74.0	-31.7	1.12 V	27	6.25	36.05
6	4934.00	30.5 AV	54.0	-23.5	1.12 V	27	-5.55	36.05
7	7401.00	47.6 PK	74.0	-26.4	1.00 V	153	5.13	42.47
8	7401.00	36.7 AV	54.0	-17.3	1.00 V	153	-5.77	42.47

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	89.3 PK			1.73 H	30	58.60	30.70
2	*2472.00	78.9 AV			1.73 H	30	48.20	30.70
3	2483.50	62.5 PK	74.0	-11.5	1.73 H	30	31.76	30.74
4	2483.50	46.2 AV	54.0	-7.8	1.73 H	30	15.46	30.74
5	4944.00	42.1 PK	74.0	-31.9	1.00 H	133	6.03	36.07
6	4944.00	29.3 AV	54.0	-24.7	1.00 H	133	-6.77	36.07
7	7416.00	48.5 PK	74.0	-25.5	1.00 H	253	6.00	42.50
8	7416.00	36.6 AV	54.0	-17.4	1.00 H	253	-5.90	42.50
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2472.00	93.5 PK			1.27 V	138	62.80	30.70
2	*2472.00	83.8 AV			1.27 V	138	53.10	30.70
3	2483.50	69.5 PK	74.0	-4.5	1.27 V	138	38.76	30.74
4	2483.50	51.2 AV	54.0	-2.8	1.27 V	138	20.46	30.74
5	4944.00	42.5 PK	74.0	-31.5	1.10 V	30	6.43	36.07
6	4944.00	30.6 AV	54.0	-23.4	1.10 V	30	-5.47	36.07
7	7416.00	47.7 PK	74.0	-26.3	1.00 V	152	5.20	42.50
8	7416.00	36.8 AV	54.0	-17.2	1.00 V	152	-5.70	42.50

REMARKS:

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

4.2.9 TEST RESULTS (MODE 3)

ABOVE 1GHz DATA

802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	57.6 PK	74.0	-16.4	1.14 H	60	25.22	32.38
2	2390.00	49.7 AV	54.0	-4.3	1.14 H	60	17.32	32.38
3	*2412.00	105.4 PK			1.14 H	60	72.96	32.44
4	*2412.00	102.7 AV			1.14 H	60	70.26	32.44
5	4824.00	42.6 PK	74.0	-31.4	1.29 H	313	0.66	41.94
6	4824.00	32.5 AV	54.0	-21.5	1.29 H	313	-9.44	41.94
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	56.4 PK	74.0	-17.6	1.03 V	263	24.02	32.38
2	2390.00	46.2 AV	54.0	-7.8	1.03 V	263	13.82	32.38
3	*2412.00	105.6 PK			1.03 V	263	73.16	32.44
4	*2412.00	103.6 AV			1.03 V	263	71.16	32.44
5	4824.00	43.3 PK	74.0	-30.7	1.09 V	187	1.36	41.94
6	4824.00	34.1 AV	54.0	-19.9	1.09 V	187	-7.84	41.94

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	55.2 PK	74.0	-18.8	1.17 H	244	22.82	32.38
2	2390.00	47.2 AV	54.0	-6.8	1.17 H	244	14.82	32.38
3	*2417.00	107.6 PK			1.17 H	245	75.15	32.45
4	*2417.00	106.3 AV			1.17 H	245	73.85	32.45
5	4834.00	43.1 PK	74.0	-30.9	1.56 H	277	1.15	41.95
6	4834.00	35.7 AV	54.0	-18.3	1.56 H	277	-6.25	41.95
7	7251.00	49.4 PK	74.0	-24.6	1.89 H	242	3.04	46.36
8	7251.00	40.9 AV	54.0	-13.1	1.89 H	242	-5.46	46.36
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	57.0 PK	74.0	-17.0	1.05 V	265	24.62	32.38
2	2390.00	48.7 AV	54.0	-5.3	1.05 V	265	16.32	32.38
3	*2417.00	107.6 PK			1.04 V	262	75.15	32.45
4	*2417.00	106.2 AV			1.04 V	262	73.75	32.45
5	4834.00	45.3 PK	74.0	-28.7	1.08 V	179	3.35	41.95
6	4834.00	37.9 AV	54.0	-16.1	1.08 V	179	-4.05	41.95
7	7251.00	49.1 PK	74.0	-24.9	1.05 V	5	2.74	46.36
8	7251.00	41.3 AV	54.0	-12.7	1.05 V	5	-5.06	46.36

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.00 H	224	23.42	32.38
2	2390.00	45.5 AV	54.0	-8.5	1.00 H	224	13.12	32.38
3	*2422.00	106.4 PK			1.00 H	249	73.93	32.47
4	*2422.00	105.2 AV			1.00 H	249	72.73	32.47
5	4844.00	42.9 PK	74.0	-31.1	1.18 H	283	0.94	41.96
6	4844.00	35.3 AV	54.0	-18.7	1.18 H	283	-6.66	41.96
7	7266.00	50.3 PK	74.0	-23.7	1.89 H	243	3.90	46.40
8	7266.00	40.8 AV	54.0	-13.2	1.89 H	243	-5.60	46.40
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	54.7 PK	74.0	-19.3	1.00 V	262	22.32	32.38
2	2390.00	47.8 AV	54.0	-6.2	1.00 V	262	15.42	32.38
3	*2422.00	107.4 PK			1.06 V	239	74.93	32.47
4	*2422.00	106.0 AV			1.06 V	239	73.53	32.47
5	4844.00	42.7 PK	74.0	-31.3	1.12 V	152	0.74	41.96
6	4844.00	37.0 AV	54.0	-17.0	1.12 V	152	-4.96	41.96
7	7266.00	48.3 PK	74.0	-25.7	1.00 V	4	1.90	46.40
8	7266.00	41.2 AV	54.0	-12.8	1.00 V	4	-5.20	46.40

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	105.9 PK			1.00 H	249	73.39	32.51
2	*2437.00	104.5 AV			1.00 H	249	71.99	32.51
3	4874.00	43.2 PK	74.0	-30.8	1.16 H	269	1.21	41.99
4	4874.00	35.0 AV	54.0	-19.0	1.16 H	269	-6.99	41.99
5	7311.00	49.5 PK	74.0	-24.5	1.90 H	225	2.97	46.53
6	7311.00	40.4 AV	54.0	-13.6	1.90 H	225	-6.13	46.53
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	54.3 PK	74.0	-19.7	1.00 V	256	21.92	32.38
2	2390.00	43.2 AV	54.0	-10.8	1.00 V	256	10.82	32.38
3	*2437.00	106.8 PK			1.05 V	232	74.29	32.51
4	*2437.00	105.4 AV			1.05 V	232	72.89	32.51
5	2483.50	58.1 PK	74.0	-15.9	1.03 V	264	25.47	32.63
6	2483.50	43.8 AV	54.0	-10.2	1.03 V	264	11.17	32.63
7	4874.00	41.8 PK	74.0	-32.2	1.13 V	161	-0.19	41.99
8	4874.00	36.5 AV	54.0	-17.5	1.13 V	161	-5.49	41.99
9	7311.00	47.6 PK	74.0	-26.4	1.00 V	6	1.07	46.53
10	7311.00	40.8 AV	54.0	-13.2	1.00 V	6	-5.73	46.53

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	105.3 PK			1.00 H	254	72.75	32.55
2	*2452.00	104.0 AV			1.00 H	254	71.45	32.55
3	2483.50	54.8 PK	74.0	-19.2	1.00 H	224	22.17	32.63
4	2483.50	43.3 AV	54.0	-10.7	1.00 H	224	10.67	32.63
5	4904.00	40.0 PK	74.0	-34.0	1.19 H	241	-2.02	42.02
6	4904.00	33.9 AV	54.0	-20.1	1.19 H	241	-8.12	42.02
7	7356.00	48.6 PK	74.0	-25.4	1.85 H	197	1.95	46.65
8	7356.00	40.6 AV	54.0	-13.4	1.85 H	197	-6.05	46.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	106.6 PK			1.00 V	242	74.05	32.55
2	*2452.00	105.2 AV			1.00 V	242	72.65	32.55
3	2483.50	53.7 PK	74.0	-20.3	1.00 V	261	21.07	32.63
4	2483.50	47.8 AV	54.0	-6.2	1.00 V	261	15.17	32.63
5	4904.00	41.0 PK	74.0	-33.0	1.10 V	167	-1.02	42.02
6	4904.00	36.0 AV	54.0	-18.0	1.10 V	167	-6.02	42.02
7	7356.00	47.0 PK	74.0	-27.0	1.00 V	0	0.35	46.65
8	7356.00	40.7 AV	54.0	-13.3	1.00 V	0	-5.95	46.65

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	104.6 PK			1.00 H	248	72.04	32.56
2	*2457.00	103.4 AV			1.00 H	248	70.84	32.56
3	2483.50	53.9 PK	74.0	-20.1	1.00 H	226	21.27	32.63
4	2483.50	43.8 AV	54.0	-10.2	1.00 H	226	11.17	32.63
5	4914.00	40.6 PK	74.0	-33.4	1.19 H	227	-1.41	42.01
6	4914.00	34.1 AV	54.0	-19.9	1.19 H	227	-7.91	42.01
7	7371.00	48.0 PK	74.0	-26.0	1.89 H	163	1.31	46.69
8	7371.00	40.5 AV	54.0	-13.5	1.89 H	163	-6.19	46.69
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	105.9 PK			1.00 V	256	73.34	32.56
2	*2457.00	104.7 AV			1.00 V	256	72.14	32.56
3	2483.50	53.1 PK	74.0	-20.9	1.00 V	234	20.47	32.63
4	2483.50	47.9 AV	54.0	-6.1	1.00 V	234	15.27	32.63
5	4914.00	41.7 PK	74.0	-32.3	1.15 V	164	-0.31	42.01
6	4914.00	36.0 AV	54.0	-18.0	1.15 V	164	-6.01	42.01
7	7371.00	46.6 PK	74.0	-27.4	1.01 V	0	-0.09	46.69
8	7371.00	40.9 AV	54.0	-13.1	1.01 V	0	-5.79	46.69

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	104.2 PK			1.00 H	258	71.63	32.57
2	*2462.00	102.4 AV			1.00 H	258	69.83	32.57
3	2483.50	52.8 PK	74.0	-21.2	1.00 H	228	20.17	32.63
4	2483.50	44.5 AV	54.0	-9.5	1.00 H	228	11.87	32.63
5	4924.00	40.9 PK	74.0	-33.1	1.22 H	208	-1.11	42.01
6	4924.00	34.1 AV	54.0	-19.9	1.22 H	208	-7.91	42.01
7	7386.00	47.5 PK	74.0	-26.5	1.81 H	127	0.77	46.73
8	7386.00	39.2 AV	54.0	-14.8	1.81 H	127	-7.53	46.73
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	106.1 PK			1.00 V	265	73.53	32.57
2	*2462.00	104.8 AV			1.00 V	265	72.23	32.57
3	2483.50	52.5 PK	74.0	-21.5	1.00 V	244	19.87	32.63
4	2483.50	48.0 AV	54.0	-6.0	1.00 V	244	15.37	32.63
5	4924.00	41.5 PK	74.0	-32.5	1.19 V	151	-0.51	42.01
6	4924.00	35.8 AV	54.0	-18.2	1.19 V	151	-6.21	42.01
7	7386.00	46.5 PK	74.0	-27.5	1.04 V	0	-0.23	46.73
8	7386.00	41.0 AV	54.0	-13.0	1.04 V	0	-5.73	46.73

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	100.8 PK			1.08 H	60	68.22	32.58
2	*2467.00	98.8 AV			1.08 H	60	66.22	32.58
3	2483.50	57.9 PK	74.0	-16.1	1.17 H	53	25.27	32.63
4	2483.50	49.5 AV	54.0	-4.5	1.17 H	53	16.87	32.63
5	4934.00	42.6 PK	74.0	-31.4	1.18 H	313	0.60	42.00
6	4934.00	33.9 AV	54.0	-20.1	1.18 H	313	-8.10	42.00
7	7401.00	49.2 PK	74.0	-24.8	1.85 H	249	2.43	46.77
8	7401.00	37.1 AV	54.0	-16.9	1.85 H	249	-9.67	46.77
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	101.0 PK			1.73 V	266	68.42	32.58
2	*2467.00	99.5 AV			1.73 V	266	66.92	32.58
3	2483.50	57.4 PK	74.0	-16.6	1.69 V	276	24.77	32.63
4	2483.50	48.5 AV	54.0	-5.5	1.69 V	276	15.87	32.63
5	4934.00	42.0 PK	74.0	-32.0	1.02 V	169	0.00	42.00
6	4934.00	30.8 AV	54.0	-23.2	1.02 V	169	-11.20	42.00
7	7401.00	49.1 PK	74.0	-24.9	1.75 V	15	2.33	46.77
8	7401.00	40.2 AV	54.0	-13.8	1.75 V	15	-6.57	46.77

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	100.4 PK			1.00 H	306	67.80	32.60
2	*2472.00	98.0 AV			1.00 H	306	65.40	32.60
3	2483.50	57.6 PK	74.0	-16.4	1.00 H	306	24.97	32.63
4	2483.50	49.8 AV	54.0	-4.2	1.00 H	306	17.17	32.63
5	4944.00	41.6 PK	74.0	-32.4	1.23 H	312	-0.40	42.00
6	4944.00	30.1 AV	54.0	-23.9	1.23 H	312	-11.90	42.00
7	7416.00	48.7 PK	74.0	-25.3	1.86 H	274	1.91	46.79
8	7416.00	36.9 AV	54.0	-17.1	1.86 H	274	-9.89	46.79
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			1.69 V	282	66.80	32.60
2	*2472.00	97.2 AV			1.69 V	282	64.60	32.60
3	2483.50	58.0 PK	74.0	-16.0	1.79 V	287	25.37	32.63
4	2483.50	49.6 AV	54.0	-4.4	1.79 V	287	16.97	32.63
5	4944.00	42.1 PK	74.0	-31.9	1.00 V	164	0.10	42.00
6	4944.00	30.9 AV	54.0	-23.1	1.00 V	164	-11.10	42.00
7	7416.00	48.0 PK	74.0	-26.0	1.69 V	10	1.21	46.79
8	7416.00	38.9 AV	54.0	-15.1	1.69 V	10	-7.89	46.79

REMARKS:

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

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CHANNEL	TX Channel 1	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.00 H	55	29.82	32.38
2	2390.00	45.6 AV	54.0	-8.4	1.00 H	55	13.22	32.38
3	*2412.00	103.9 PK			1.00 H	48	71.46	32.44
4	*2412.00	95.3 AV			1.00 H	48	62.86	32.44
5	4824.00	41.7 PK	74.0	-32.3	1.17 H	304	-0.24	41.94
6	4824.00	30.4 AV	54.0	-23.6	1.17 H	304	-11.54	41.94
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	67.1 PK	74.0	-6.9	1.05 V	288	34.72	32.38
2	2390.00	48.6 AV	54.0	-5.4	1.05 V	288	16.22	32.38
3	*2412.00	105.4 PK			1.00 V	268	72.96	32.44
4	*2412.00	97.8 AV			1.00 V	268	65.36	32.44
5	4824.00	42.5 PK	74.0	-31.5	1.00 V	162	0.56	41.94
6	4824.00	31.6 AV	54.0	-22.4	1.00 V	162	-10.34	41.94

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.06 H	59	29.62	32.38
2	2390.00	46.1 AV	54.0	-7.9	1.06 H	59	13.72	32.38
3	*2417.00	106.9 PK			1.00 H	60	74.45	32.45
4	*2417.00	98.2 AV			1.00 H	60	65.75	32.45
5	4834.00	43.4 PK	74.0	-30.6	1.11 H	336	1.45	41.95
6	4834.00	30.9 AV	54.0	-23.1	1.11 H	336	-11.05	41.95
7	7251.00	48.5 PK	74.0	-25.5	1.84 H	289	2.14	46.36
8	7251.00	36.8 AV	54.0	-17.2	1.84 H	289	-9.56	46.36
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	67.5 PK	74.0	-6.5	1.00 V	274	35.12	32.38
2	2390.00	49.0 AV	54.0	-5.0	1.00 V	274	16.62	32.38
3	*2417.00	107.8 PK			1.02 V	279	75.35	32.45
4	*2417.00	99.9 AV			1.02 V	279	67.45	32.45
5	4834.00	42.7 PK	74.0	-31.3	1.02 V	182	0.75	41.95
6	4834.00	31.4 AV	54.0	-22.6	1.02 V	182	-10.55	41.95
7	7251.00	48.3 PK	74.0	-25.7	1.72 V	46	1.94	46.36
8	7251.00	39.0 AV	54.0	-15.0	1.72 V	46	-7.36	46.36

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	61.8 PK	74.0	-12.2	1.00 H	82	29.42	32.38
2	2390.00	46.5 AV	54.0	-7.5	1.00 H	82	14.12	32.38
3	*2422.00	106.2 PK			1.00 H	40	73.73	32.47
4	*2422.00	98.9 AV			1.00 H	40	66.43	32.47
5	4844.00	41.8 PK	74.0	-32.2	1.16 H	303	-0.16	41.96
6	4844.00	30.0 AV	54.0	-24.0	1.16 H	303	-11.96	41.96
7	7266.00	48.1 PK	74.0	-25.9	1.73 H	248	1.70	46.40
8	7266.00	36.6 AV	54.0	-17.4	1.73 H	248	-9.80	46.40
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	66.9 PK	74.0	-7.1	1.00 V	276	34.52	32.38
2	2390.00	49.8 AV	54.0	-4.2	1.00 V	276	17.42	32.38
3	*2422.00	108.2 PK			1.00 V	291	75.73	32.47
4	*2422.00	100.4 AV			1.00 V	291	67.93	32.47
5	4844.00	41.8 PK	74.0	-32.2	1.03 V	170	-0.16	41.96
6	4844.00	31.3 AV	54.0	-22.7	1.03 V	170	-10.66	41.96
7	7266.00	48.1 PK	74.0	-25.9	1.69 V	24	1.70	46.40
8	7266.00	39.1 AV	54.0	-14.9	1.69 V	24	-7.30	46.40

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	108.8 PK			1.00 H	273	76.29	32.51
2	*2437.00	98.5 AV			1.00 H	273	65.99	32.51
3	4874.00	42.3 PK	74.0	-31.7	1.19 H	312	0.31	41.99
4	4874.00	30.4 AV	54.0	-23.6	1.19 H	312	-11.59	41.99
5	7311.00	49.6 PK	74.0	-24.4	1.85 H	265	3.07	46.53
6	7311.00	37.3 AV	54.0	-16.7	1.85 H	265	-9.23	46.53
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.1 PK	74.0	-13.9	1.64 V	279	27.72	32.38
2	2390.00	45.5 AV	54.0	-8.5	1.64 V	279	13.12	32.38
3	*2437.00	110.4 PK			1.75 V	263	77.89	32.51
4	*2437.00	101.9 AV			1.75 V	263	69.39	32.51
5	2483.50	60.3 PK	74.0	-13.7	1.77 V	269	27.67	32.63
6	2483.50	46.2 AV	54.0	-7.8	1.77 V	269	13.57	32.63
7	4874.00	42.3 PK	74.0	-31.7	1.00 V	174	0.31	41.99
8	4874.00	31.2 AV	54.0	-22.8	1.00 V	174	-10.79	41.99
9	7311.00	48.5 PK	74.0	-25.5	1.75 V	27	1.97	46.53
10	7311.00	39.5 AV	54.0	-14.5	1.75 V	27	-7.03	46.53

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	108.9 PK			1.00 H	281	76.35	32.55
2	*2452.00	98.6 AV			1.00 H	281	66.05	32.55
3	2483.50	68.3 PK	74.0	-5.7	1.00 H	295	35.67	32.63
4	2483.50	47.2 AV	54.0	-6.8	1.00 H	295	14.57	32.63
5	4904.00	42.1 PK	74.0	-31.9	1.13 H	313	0.08	42.02
6	4904.00	30.7 AV	54.0	-23.3	1.13 H	313	-11.32	42.02
7	7356.00	48.9 PK	74.0	-25.1	1.89 H	269	2.25	46.65
8	7356.00	37.1 AV	54.0	-16.9	1.89 H	269	-9.55	46.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	109.3 PK			1.69 V	250	76.75	32.55
2	*2452.00	101.4 AV			1.69 V	250	68.85	32.55
3	2483.50	69.1 PK	74.0	-4.9	1.70 V	263	36.47	32.63
4	2483.50	51.0 AV	54.0	-3.0	1.70 V	263	18.37	32.63
5	4904.00	42.0 PK	74.0	-32.0	1.00 V	198	-0.02	42.02
6	4904.00	31.1 AV	54.0	-22.9	1.00 V	198	-10.92	42.02
7	7356.00	48.4 PK	74.0	-25.6	1.59 V	38	1.75	46.65
8	7356.00	38.7 AV	54.0	-15.3	1.59 V	38	-7.95	46.65

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	106.6 PK			1.00 H	263	74.04	32.56
2	*2457.00	98.2 AV			1.00 H	263	65.64	32.56
3	2483.50	66.8 PK	74.0	-7.2	1.00 H	279	34.17	32.63
4	2483.50	46.4 AV	54.0	-7.6	1.00 H	279	13.77	32.63
5	4914.00	42.1 PK	74.0	-31.9	1.09 H	324	0.09	42.01
6	4914.00	30.7 AV	54.0	-23.3	1.09 H	324	-11.31	42.01
7	7371.00	48.9 PK	74.0	-25.1	1.81 H	256	2.21	46.69
8	7371.00	36.4 AV	54.0	-17.6	1.81 H	256	-10.29	46.69
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	107.5 PK			1.76 V	244	74.94	32.56
2	*2457.00	99.7 AV			1.76 V	244	67.14	32.56
3	2483.50	67.5 PK	74.0	-6.5	1.63 V	262	34.87	32.63
4	2483.50	49.4 AV	54.0	-4.6	1.63 V	262	16.77	32.63
5	4914.00	41.4 PK	74.0	-32.6	1.00 V	180	-0.61	42.01
6	4914.00	30.6 AV	54.0	-23.4	1.00 V	180	-11.41	42.01
7	7371.00	48.6 PK	74.0	-25.4	1.67 V	4	1.91	46.69
8	7371.00	39.0 AV	54.0	-15.0	1.67 V	4	-7.69	46.69

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.6 PK			1.00 H	275	75.03	32.57
2	*2462.00	97.5 AV			1.00 H	275	64.93	32.57
3	2483.50	70.4 PK	74.0	-3.6	1.00 H	259	37.77	32.63
4	2483.50	50.2 AV	54.0	-3.8	1.00 H	259	17.57	32.63
5	4924.00	40.4 PK	74.0	-33.6	1.08 H	313	-1.61	42.01
6	4924.00	30.4 AV	54.0	-23.6	1.08 H	313	-11.61	42.01
7	7386.00	47.9 PK	74.0	-26.1	1.84 H	272	1.17	46.73
8	7386.00	37.3 AV	54.0	-16.7	1.84 H	272	-9.43	46.73
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			1.77 V	279	73.93	32.57
2	*2462.00	98.7 AV			1.77 V	279	66.13	32.57
3	2483.50	69.5 PK	74.0	-4.5	1.76 V	285	36.87	32.63
4	2483.50	49.0 AV	54.0	-5.0	1.76 V	285	16.37	32.63
5	4924.00	42.0 PK	74.0	-32.0	1.00 V	214	-0.01	42.01
6	4924.00	31.3 AV	54.0	-22.7	1.00 V	214	-10.71	42.01
7	7386.00	47.7 PK	74.0	-26.3	1.56 V	0	0.97	46.73
8	7386.00	38.8 AV	54.0	-15.2	1.56 V	0	-7.93	46.73

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	101.9 PK			1.00 H	297	69.32	32.58
2	*2467.00	93.3 AV			1.00 H	297	60.72	32.58
3	2483.50	63.8 PK	74.0	-10.2	1.00 H	283	31.17	32.63
4	2483.50	49.9 AV	54.0	-4.1	1.00 H	283	17.27	32.63
5	4934.00	42.6 PK	74.0	-31.4	1.11 H	304	0.60	42.00
6	4934.00	30.9 AV	54.0	-23.1	1.11 H	304	-11.10	42.00
7	7401.00	48.1 PK	74.0	-25.9	1.95 H	250	1.33	46.77
8	7401.00	36.3 AV	54.0	-17.7	1.95 H	250	-10.47	46.77
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	102.1 PK			1.81 V	277	69.52	32.58
2	*2467.00	94.0 AV			1.81 V	277	61.42	32.58
3	2483.50	63.7 PK	74.0	-10.3	1.66 V	246	31.07	32.63
4	2483.50	48.7 AV	54.0	-5.3	1.66 V	246	16.07	32.63
5	4934.00	41.7 PK	74.0	-32.3	1.02 V	206	-0.30	42.00
6	4934.00	30.5 AV	54.0	-23.5	1.02 V	206	-11.50	42.00
7	7401.00	48.7 PK	74.0	-25.3	1.59 V	44	1.93	46.77
8	7401.00	39.3 AV	54.0	-14.7	1.59 V	44	-7.47	46.77

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	92.6 PK			1.01 H	296	60.00	32.60
2	*2472.00	84.0 AV			1.01 H	296	51.40	32.60
3	2483.50	69.5 PK	74.0	-4.5	1.02 H	301	36.87	32.63
4	2483.50	50.7 AV	54.0	-3.3	1.02 H	301	18.07	32.63
5	4944.00	42.9 PK	74.0	-31.1	1.11 H	311	0.90	42.00
6	4944.00	31.2 AV	54.0	-22.8	1.11 H	311	-10.80	42.00
7	7416.00	49.1 PK	74.0	-24.9	1.92 H	260	2.31	46.79
8	7416.00	36.4 AV	54.0	-17.6	1.92 H	260	-10.39	46.79
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	91.4 PK			1.69 V	268	58.80	32.60
2	*2472.00	83.6 AV			1.69 V	268	51.00	32.60
3	2483.50	67.0 PK	74.0	-7.0	1.73 V	257	34.37	32.63
4	2483.50	49.9 AV	54.0	-4.1	1.73 V	257	17.27	32.63
5	4944.00	42.9 PK	74.0	-31.1	1.05 V	211	0.90	42.00
6	4944.00	31.5 AV	54.0	-22.5	1.05 V	211	-10.50	42.00
7	7416.00	49.5 PK	74.0	-24.5	1.71 V	2	2.71	46.79
8	7416.00	39.6 AV	54.0	-14.4	1.71 V	2	-7.19	46.79

REMARKS:

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

802.11n (HT20)

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

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	62.5 PK	74.0	-11.5	1.00 H	54	30.12	32.38
2	2390.00	45.6 AV	54.0	-8.4	1.00 H	54	13.22	32.38
3	*2412.00	103.9 PK			1.00 H	52	71.46	32.44
4	*2412.00	95.4 AV			1.00 H	52	62.96	32.44
5	4824.00	43.6 PK	74.0	-30.4	1.21 H	317	1.66	41.94
6	4824.00	30.4 AV	54.0	-23.6	1.21 H	317	-11.54	41.94
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	67.3 PK	74.0	-6.7	1.02 V	257	34.92	32.38
2	2390.00	48.9 AV	54.0	-5.1	1.02 V	257	16.52	32.38
3	*2412.00	106.5 PK			1.00 V	264	74.06	32.44
4	*2412.00	97.1 AV			1.00 V	264	64.66	32.44
5	4824.00	41.9 PK	74.0	-32.1	1.03 V	162	-0.04	41.94
6	4824.00	30.8 AV	54.0	-23.2	1.03 V	162	-11.14	41.94

REMARKS:

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

CHANNEL	TX Channel 2	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	1.01 H	63	29.72	32.38
2	2390.00	46.1 AV	54.0	-7.9	1.01 H	63	13.72	32.38
3	*2417.00	106.8 PK			1.01 H	63	74.35	32.45
4	*2417.00	97.8 AV			1.01 H	63	65.35	32.45
5	4834.00	42.5 PK	74.0	-31.5	1.15 H	303	0.55	41.95
6	4834.00	31.0 AV	54.0	-23.0	1.15 H	303	-10.95	41.95
7	7251.00	47.9 PK	74.0	-26.1	1.84 H	256	1.54	46.36
8	7251.00	36.4 AV	54.0	-17.6	1.84 H	256	-9.96	46.36
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	65.0 PK	74.0	-9.0	1.00 V	284	32.62	32.38
2	2390.00	49.2 AV	54.0	-4.8	1.00 V	284	16.82	32.38
3	*2417.00	108.2 PK			1.00 V	293	75.75	32.45
4	*2417.00	99.2 AV			1.00 V	293	66.75	32.45
5	4834.00	42.2 PK	74.0	-31.8	1.04 V	190	0.25	41.95
6	4834.00	31.2 AV	54.0	-22.8	1.04 V	190	-10.75	41.95
7	7251.00	48.7 PK	74.0	-25.3	1.66 V	8	2.34	46.36
8	7251.00	39.4 AV	54.0	-14.6	1.66 V	8	-6.96	46.36

REMARKS:

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

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	61.8 PK	74.0	-12.2	1.00 H	78	29.42	32.38
2	2390.00	46.5 AV	54.0	-7.5	1.00 H	78	14.12	32.38
3	*2422.00	106.5 PK			1.06 H	70	74.03	32.47
4	*2422.00	98.4 AV			1.06 H	70	65.93	32.47
5	4844.00	43.2 PK	74.0	-30.8	1.21 H	296	1.24	41.96
6	4844.00	30.1 AV	54.0	-23.9	1.21 H	296	-11.86	41.96
7	7266.00	48.9 PK	74.0	-25.1	1.80 H	252	2.50	46.40
8	7266.00	37.0 AV	54.0	-17.0	1.80 H	252	-9.40	46.40
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	65.4 PK	74.0	-8.6	1.00 V	243	33.02	32.38
2	2390.00	51.3 AV	54.0	-2.7	1.00 V	243	18.92	32.38
3	*2422.00	110.2 PK			1.05 V	267	77.73	32.47
4	*2422.00	100.7 AV			1.05 V	267	68.23	32.47
5	4844.00	42.7 PK	74.0	-31.3	1.05 V	167	0.74	41.96
6	4844.00	31.6 AV	54.0	-22.4	1.05 V	167	-10.36	41.96
7	7266.00	47.2 PK	74.0	-26.8	1.49 V	21	0.80	46.40
8	7266.00	38.6 AV	54.0	-15.4	1.49 V	21	-7.80	46.40

REMARKS:

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

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	*2437.00	109.0 PK			1.00 H	268	76.49	32.51
2	*2437.00	100.4 AV			1.00 H	268	67.89	32.51
3	4874.00	43.3 PK	74.0	-30.7	1.19 H	294	1.31	41.99
4	4874.00	30.6 AV	54.0	-23.4	1.19 H	294	-11.39	41.99
5	7311.00	47.9 PK	74.0	-26.1	1.85 H	250	1.37	46.53
6	7311.00	36.9 AV	54.0	-17.1	1.85 H	250	-9.63	46.53
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	62.2 PK	74.0	-11.8	1.68 V	256	29.82	32.38
2	2390.00	46.8 AV	54.0	-7.2	1.68 V	256	14.42	32.38
3	*2437.00	110.9 PK			1.75 V	274	78.39	32.51
4	*2437.00	101.5 AV			1.75 V	274	68.99	32.51
5	2483.50	62.2 PK	74.0	-11.8	1.63 V	284	29.57	32.63
6	2483.50	46.9 AV	54.0	-7.1	1.63 V	284	14.27	32.63
7	4874.00	42.9 PK	74.0	-31.1	1.00 V	187	0.91	41.99
8	4874.00	31.7 AV	54.0	-22.3	1.00 V	187	-10.29	41.99
9	7311.00	47.6 PK	74.0	-26.4	1.55 V	45	1.07	46.53
10	7311.00	38.9 AV	54.0	-15.1	1.55 V	45	-7.63	46.53

REMARKS:

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

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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			1.04 H	268	74.75	32.55
2	*2452.00	99.2 AV			1.04 H	268	66.65	32.55
3	2483.50	66.6 PK	74.0	-7.4	1.02 H	285	33.97	32.63
4	2483.50	46.4 AV	54.0	-7.6	1.02 H	285	13.77	32.63
5	4904.00	42.2 PK	74.0	-31.8	1.17 H	305	0.18	42.02
6	4904.00	29.8 AV	54.0	-24.2	1.17 H	305	-12.22	42.02
7	7356.00	48.9 PK	74.0	-25.1	1.79 H	243	2.25	46.65
8	7356.00	37.1 AV	54.0	-16.9	1.79 H	243	-9.55	46.65
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	109.7 PK			1.78 V	264	77.15	32.55
2	*2452.00	99.9 AV			1.78 V	264	67.35	32.55
3	2483.50	67.4 PK	74.0	-6.6	1.73 V	282	34.77	32.63
4	2483.50	50.9 AV	54.0	-3.1	1.73 V	282	18.27	32.63
5	4904.00	43.0 PK	74.0	-31.0	1.00 V	177	0.98	42.02
6	4904.00	31.7 AV	54.0	-22.3	1.00 V	177	-10.32	42.02
7	7356.00	48.9 PK	74.0	-25.1	1.70 V	16	2.25	46.65
8	7356.00	39.7 AV	54.0	-14.3	1.70 V	16	-6.95	46.65

REMARKS:

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

CHANNEL	TX Channel 10	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	107.1 PK			1.00 H	290	74.54	32.56
2	*2457.00	98.3 AV			1.00 H	290	65.74	32.56
3	2483.50	68.2 PK	74.0	-5.8	1.01 H	275	35.57	32.63
4	2483.50	47.9 AV	54.0	-6.1	1.01 H	275	15.27	32.63
5	4914.00	41.6 PK	74.0	-32.4	1.20 H	320	-0.41	42.01
6	4914.00	30.1 AV	54.0	-23.9	1.20 H	320	-11.91	42.01
7	7371.00	47.3 PK	74.0	-26.7	1.76 H	251	0.61	46.69
8	7371.00	36.8 AV	54.0	-17.2	1.76 H	251	-9.89	46.69
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2457.00	109.0 PK			1.69 V	272	76.44	32.56
2	*2457.00	99.6 AV			1.69 V	272	67.04	32.56
3	2483.50	66.2 PK	74.0	-7.8	1.74 V	252	33.57	32.63
4	2483.50	48.8 AV	54.0	-5.2	1.74 V	252	16.17	32.63
5	4914.00	42.6 PK	74.0	-31.4	1.00 V	157	0.59	42.01
6	4914.00	31.2 AV	54.0	-22.8	1.00 V	157	-10.81	42.01
7	7371.00	48.2 PK	74.0	-25.8	1.64 V	35	1.51	46.69
8	7371.00	39.0 AV	54.0	-15.0	1.64 V	35	-7.69	46.69

REMARKS:

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

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	105.8 PK			1.05 H	288	73.23	32.57
2	*2462.00	97.6 AV			1.05 H	288	65.03	32.57
3	2483.50	71.3 PK	74.0	-2.7	1.00 H	278	38.67	32.63
4	2483.50	50.8 AV	54.0	-3.2	1.00 H	278	18.17	32.63
5	4924.00	42.9 PK	74.0	-31.1	1.16 H	320	0.89	42.01
6	4924.00	30.5 AV	54.0	-23.5	1.16 H	320	-11.51	42.01
7	7386.00	48.5 PK	74.0	-25.5	1.82 H	258	1.77	46.73
8	7386.00	37.1 AV	54.0	-16.9	1.82 H	258	-9.63	46.73
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	106.7 PK			1.70 V	280	74.13	32.57
2	*2462.00	97.2 AV			1.70 V	280	64.63	32.57
3	2483.50	70.3 PK	74.0	-3.7	1.79 V	289	37.67	32.63
4	2483.50	50.5 AV	54.0	-3.5	1.79 V	289	17.87	32.63
5	4924.00	42.9 PK	74.0	-31.1	1.00 V	165	0.89	42.01
6	4924.00	31.9 AV	54.0	-22.1	1.00 V	165	-10.11	42.01
7	7386.00	48.1 PK	74.0	-25.9	1.68 V	12	1.37	46.73
8	7386.00	39.2 AV	54.0	-14.8	1.68 V	12	-7.53	46.73

REMARKS:

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

CHANNEL	TX Channel 12	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	102.1 PK			1.00 H	266	69.52	32.58
2	*2467.00	93.6 AV			1.00 H	266	61.02	32.58
3	2483.50	64.1 PK	74.0	-9.9	1.00 H	310	31.47	32.63
4	2483.50	50.1 AV	54.0	-3.9	1.00 H	310	17.47	32.63
5	4934.00	42.6 PK	74.0	-31.4	1.08 H	289	0.60	42.00
6	4934.00	30.7 AV	54.0	-23.3	1.08 H	289	-11.30	42.00
7	7401.00	49.0 PK	74.0	-25.0	1.77 H	254	2.23	46.77
8	7401.00	37.6 AV	54.0	-16.4	1.77 H	254	-9.17	46.77
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2467.00	100.0 PK			1.67 V	271	67.42	32.58
2	*2467.00	90.1 AV			1.67 V	271	57.52	32.58
3	2483.50	62.4 PK	74.0	-11.6	1.74 V	245	29.77	32.63
4	2483.50	47.8 AV	54.0	-6.2	1.74 V	245	15.17	32.63
5	4934.00	42.3 PK	74.0	-31.7	1.00 V	173	0.30	42.00
6	4934.00	31.1 AV	54.0	-22.9	1.00 V	173	-10.90	42.00
7	7401.00	48.0 PK	74.0	-26.0	1.60 V	8	1.23	46.77
8	7401.00	39.1 AV	54.0	-14.9	1.60 V	8	-7.67	46.77

REMARKS:

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

CHANNEL	TX Channel 13	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	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	92.7 PK			1.03 H	293	60.10	32.60
2	*2472.00	84.7 AV			1.03 H	293	52.10	32.60
3	2483.50	69.2 PK	74.0	-4.8	1.06 H	303	36.57	32.63
4	2483.50	50.9 AV	54.0	-3.1	1.06 H	303	18.27	32.63
5	4944.00	42.4 PK	74.0	-31.6	1.16 H	312	0.40	42.00
6	4944.00	30.4 AV	54.0	-23.6	1.16 H	312	-11.60	42.00
7	7416.00	48.1 PK	74.0	-25.9	1.80 H	252	1.31	46.79
8	7416.00	36.8 AV	54.0	-17.2	1.80 H	252	-9.99	46.79
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	91.4 PK			1.69 V	275	58.80	32.60
2	*2472.00	82.3 AV			1.69 V	275	49.70	32.60
3	2483.50	67.7 PK	74.0	-6.3	1.76 V	177	35.07	32.63
4	2483.50	50.0 AV	54.0	-4.0	1.76 V	177	17.37	32.63
5	4944.00	42.5 PK	74.0	-31.5	1.02 V	202	0.50	42.00
6	4944.00	31.1 AV	54.0	-22.9	1.02 V	202	-10.90	42.00
7	7416.00	47.4 PK	74.0	-26.6	1.69 V	17	0.61	46.79
8	7416.00	38.7 AV	54.0	-15.3	1.69 V	17	-8.09	46.79

REMARKS:

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

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 INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

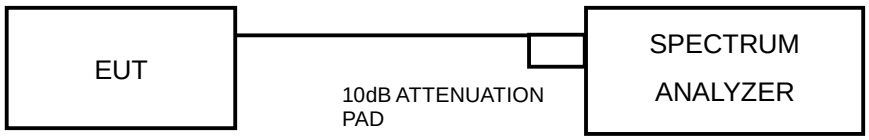
4.3.3 TEST PROCEDURE

1. Set resolution bandwidth (RBW) = approximately 1% of the emission bandwidth
2. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
3. Trace mode = max hold.
4. Sweep = auto couple.
5. 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

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



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 RESULTS

802.11b

CHANNEL	FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	10.67	0.5	PASS
2	2417	10.33	0.5	PASS
3	2422	10.80	0.5	PASS
6	2437	10.58	0.5	PASS
9	2452	10.28	0.5	PASS
10	2457	10.10	0.5	PASS
11	2462	10.27	0.5	PASS
12	2467	10.26	0.5	PASS
13	2472	9.90	0.5	PASS

802.11g

CHANNEL	FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	15.85	0.5	PASS
2	2417	15.88	0.5	PASS
3	2422	15.81	0.5	PASS
6	2437	16.13	0.5	PASS
9	2452	15.92	0.5	PASS
10	2457	16.02	0.5	PASS
11	2462	15.92	0.5	PASS
12	2467	16.07	0.5	PASS
13	2472	16.09	0.5	PASS

802.11n (HT20)

CHANNEL	FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	17.01	0.5	PASS
2	2417	17.05	0.5	PASS
3	2422	17.07	0.5	PASS
6	2437	16.95	0.5	PASS
9	2452	16.65	0.5	PASS
10	2457	17.08	0.5	PASS
11	2462	16.90	0.5	PASS
12	2467	16.75	0.5	PASS
13	2472	16.92	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 band: 1 Watt (30dBm)

4.4.2 INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power Meter	ML2495A	0824006	May 10, 2012	May 09, 2013
Peak Power Sensor	MA2411B	0738172	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

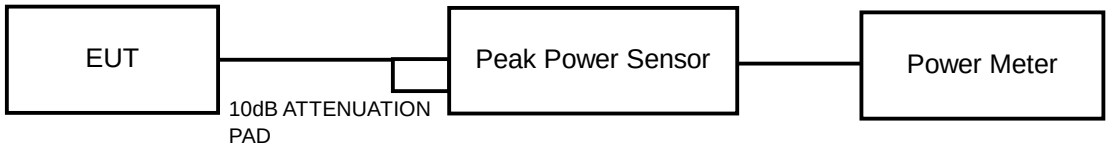
4.4.3 TEST PROCEDURES

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 peak power level.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6

4.4.7 TEST RESULTS

802.11b

CHANNEL	FREQUENCY (MHz)	PEAK POWER (mW)	PEAK POWER (dBm)	LIMIT (dBm)	PASS/FAIL
1	2412	125.893	21.0	30	PASS
2	2417	165.959	22.2	30	PASS
3	2422	169.824	22.3	30	PASS
6	2437	186.209	22.7	30	PASS
9	2452	169.824	22.3	30	PASS
10	2457	173.780	22.4	30	PASS
11	2462	177.828	22.5	30	PASS
12	2467	45.709	16.6	30	PASS
13	2472	28.184	14.5	30	PASS

802.11g

CHANNEL	FREQUENCY (MHz)	PEAK POWER (mW)	PEAK POWER (dBm)	LIMIT (dBm)	PASS/FAIL
1	2412	177.828	22.5	30	PASS
2	2417	181.970	22.6	30	PASS
3	2422	186.209	22.7	30	PASS
6	2437	199.526	23.0	30	PASS
9	2452	208.930	23.2	30	PASS
10	2457	218.776	23.4	30	PASS
11	2462	199.526	23.0	30	PASS
12	2467	181.970	22.6	30	PASS
13	2472	18.197	12.6	30	PASS

802.11n (HT20)

CHANNEL	FREQUENCY (MHz)	PEAK POWER (mW)	PEAK POWER (dBm)	LIMIT (dBm)	PASS/FAIL
1	2412	181.970	22.6	30	PASS
2	2417	194.984	22.9	30	PASS
3	2422	199.526	23.0	30	PASS
6	2437	213.796	23.3	30	PASS
9	2452	204.174	23.1	30	PASS
10	2457	204.174	23.1	30	PASS
11	2462	199.526	23.0	30	PASS
12	2467	97.724	19.9	30	PASS
13	2472	11.482	10.6	30	PASS

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

4.5.3 TEST PROCEDURE

1. Set the RBW = 100 kHz, VBW =300 kHz, Detector = peak.
2. Sweep time = auto couple.
3. Trace mode = max hold.
4. Allow trace to fully stabilize.
5. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.
6. Scale the observed power level to an equivalent value in 3 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(3 kHz/100kHz)

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP

4.5.6 EUT OPERATING CONDITION

Same as Item 4.3.6

4.5.7 TEST RESULTS

802.11b

Channel	FREQUENCY (MHz)	PSD (dBm/100kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	9.15	-6.08	8	PASS
2	2417	9.45	-5.78	8	PASS
3	2422	9.96	-5.27	8	PASS
6	2437	10.92	-4.31	8	PASS
9	2452	9.02	-6.21	8	PASS
10	2457	9.86	-5.37	8	PASS
11	2462	9.76	-5.47	8	PASS
12	2467	4.49	-10.74	8	PASS
13	2472	2.06	-13.17	8	PASS

802.11g

Channel	FREQUENCY (MHz)	PSD (dBm/100kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	3.33	-11.90	8	PASS
2	2417	5.26	-9.97	8	PASS
3	2422	6.74	-8.49	8	PASS
6	2437	8.61	-6.62	8	PASS
9	2452	8.05	-7.18	8	PASS
10	2457	6.78	-8.45	8	PASS
11	2462	4.81	-10.42	8	PASS
12	2467	0.73	-14.50	8	PASS
13	2472	-10.31	-25.54	8	PASS

802.11n (HT20)

Channel	FREQUENCY (MHz)	PSD (dBm/100kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	2.89	-12.34	8	PASS
2	2417	5.42	-9.81	8	PASS
3	2422	7.20	-8.03	8	PASS
6	2437	8.96	-6.27	8	PASS
9	2452	7.75	-7.48	8	PASS
10	2457	6.73	-8.50	8	PASS
11	2462	4.37	-10.86	8	PASS
12	2467	-1.96	-17.19	8	PASS
13	2472	-12.27	-27.50	8	PASS

4.6 CONDUCTED OUT-BAND EMISSION MEASUREMENT

4.6.1 LIMITS OF CONDUCTED OUT-BAND EMISSION MEASUREMENT

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

4.6.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

4.6.3 TEST PROCEDURE

Measurement Procedure - Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

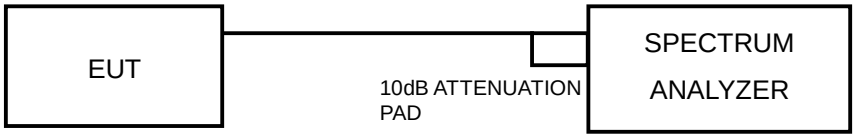
Measurement Procedure - Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = power average (RMS).
4. Manually set the sweep time to: ≥ 10 x (number of measurement points in sweep) x (transmission symbol period).
5. Perform the measurement over a single sweep.
6. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 TEST SETUP



4.6.6 EUT OPERATING CONDITION

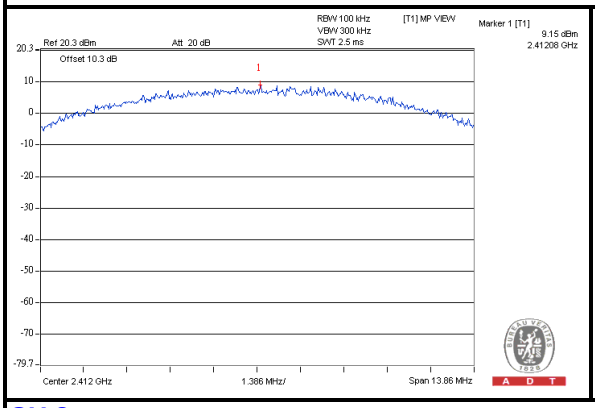
Same as Item 4.3.6

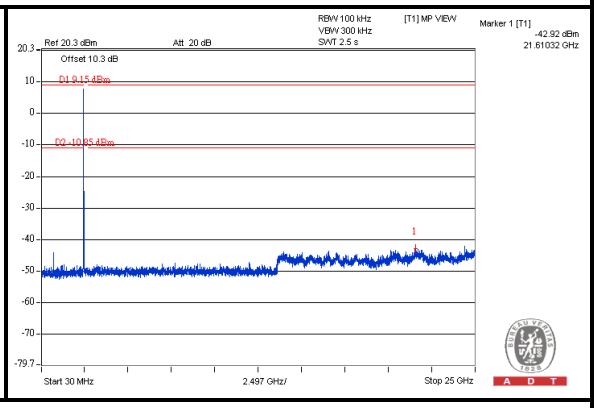
4.6.7 TEST RESULTS

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

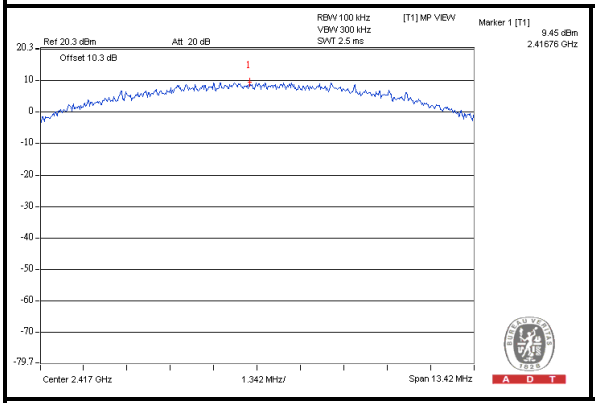
802.11b

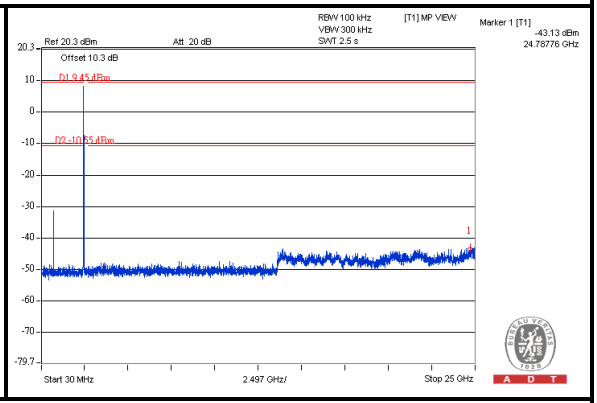
CH 1



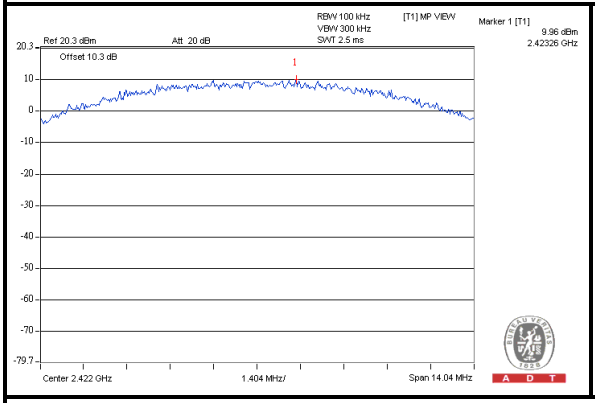


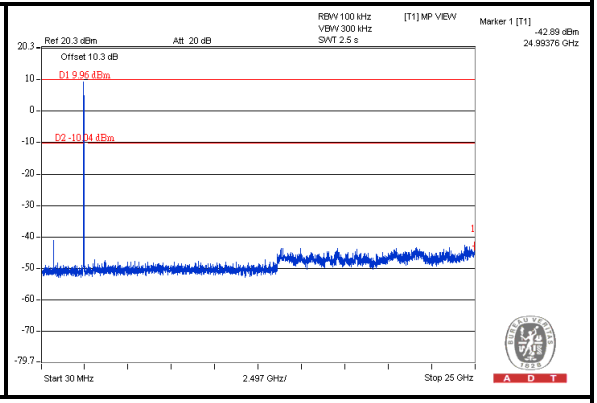
CH 2



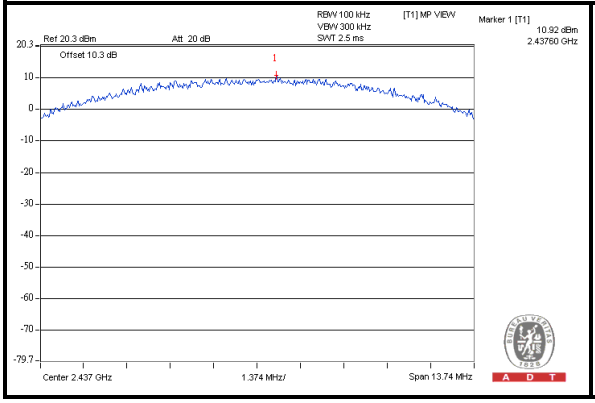


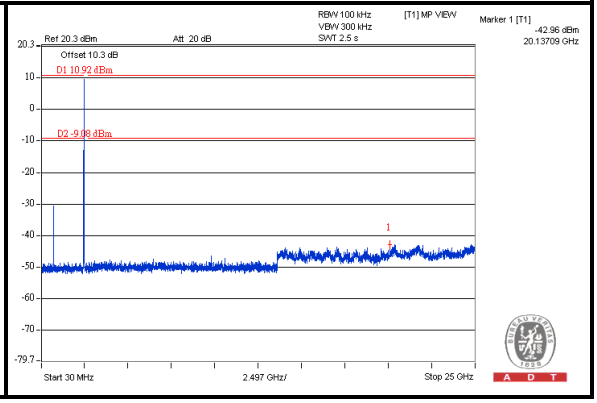
CH 3



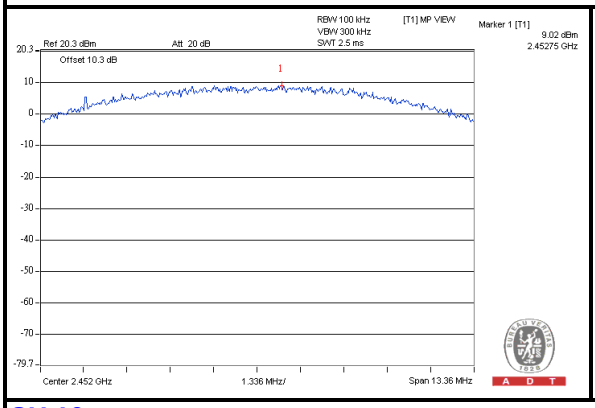


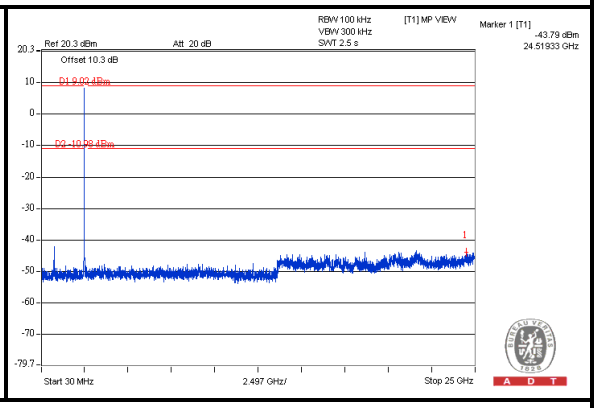
CH 6



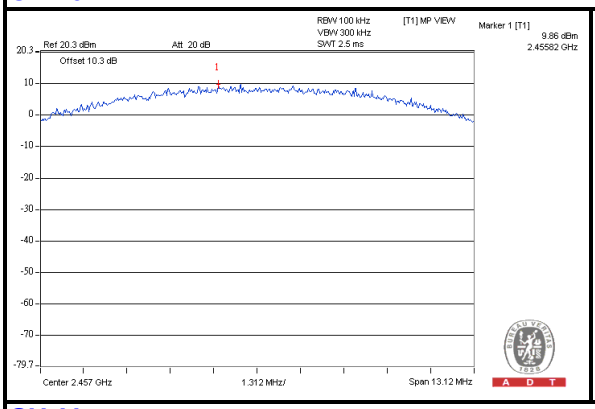


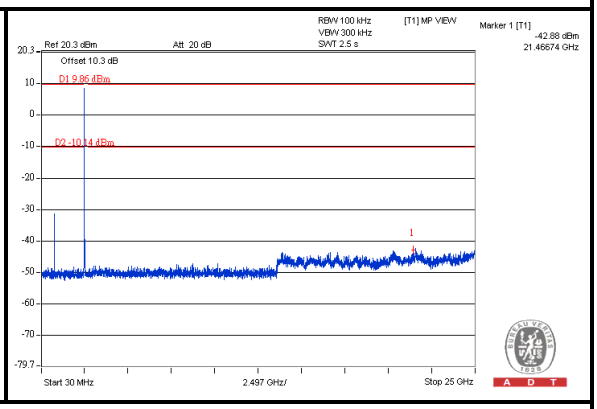
CH 9



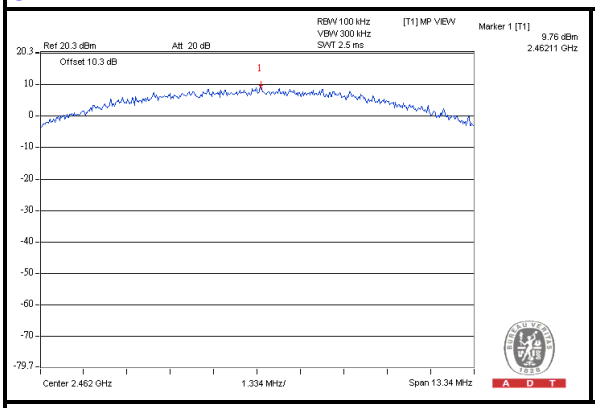


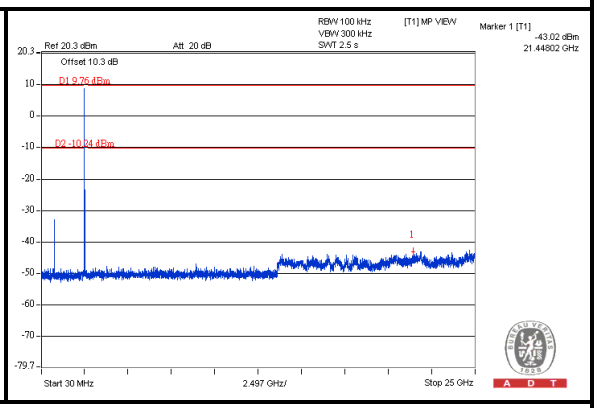
CH 10



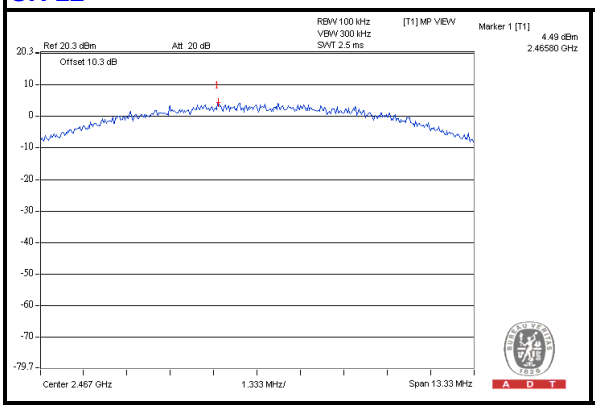


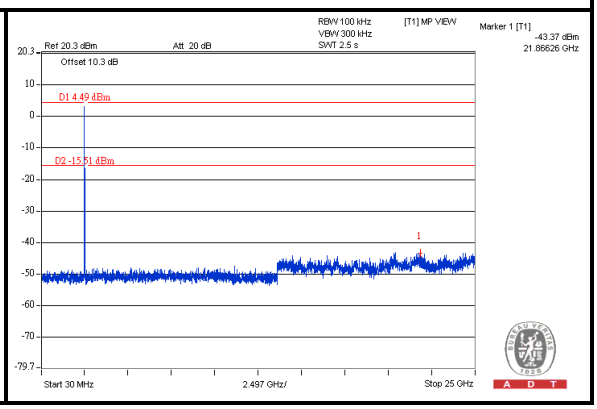
CH 11



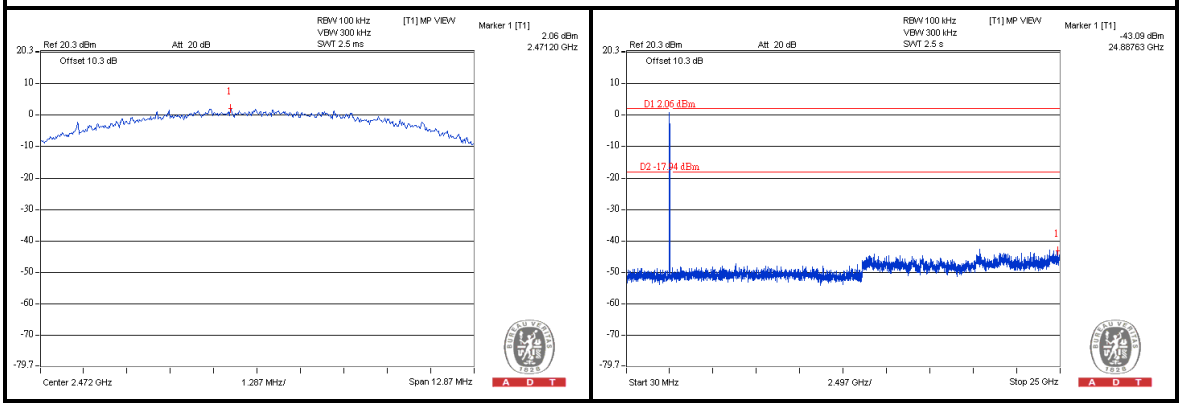


CH 12



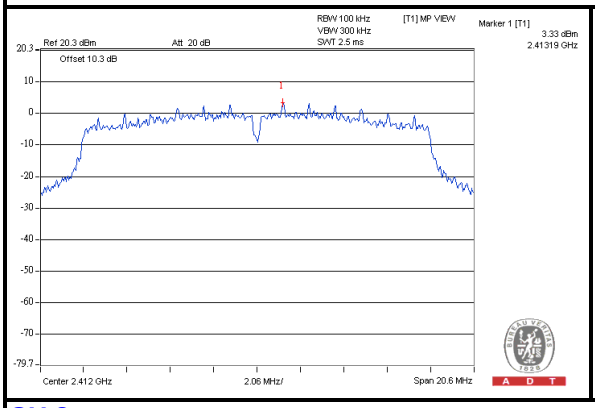


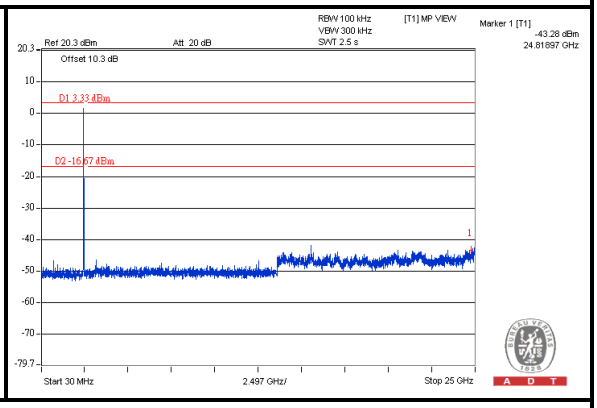
CH 13


RBW 100 kHz
VBW 300 kHz
SWT 2.5 ms
[T1] MP VIEW
Marker 1 [T1]
2.06 dBm
2.47120 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
Center 2.472 GHz
1.287 MHz/
Span 12.87 MHz
RBW 100 kHz
VBW 300 kHz
SWT 2.5 s
[T1] MP VIEW
Marker 1 [T1]
-43.09 dBm
24.88763 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
D1 2.06 dBm
D2 -17.94 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz

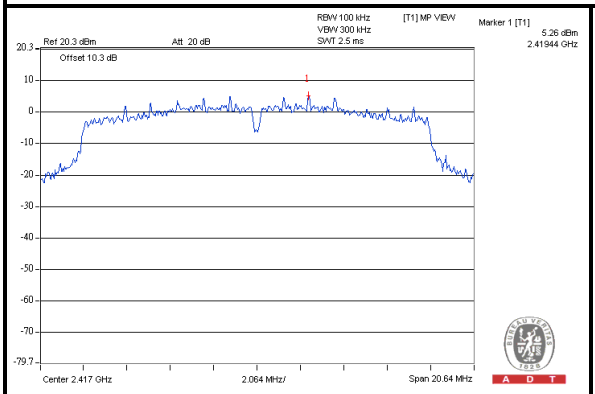
802.11g

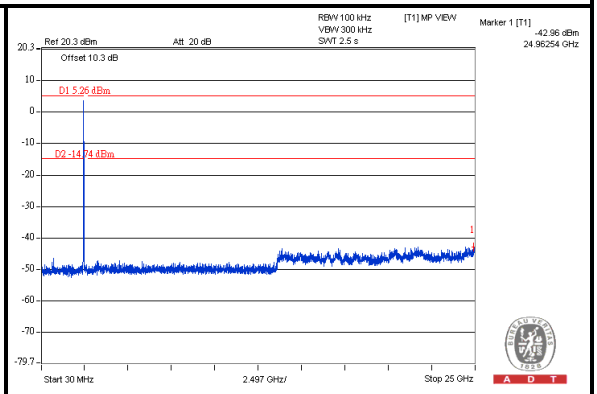
CH 1



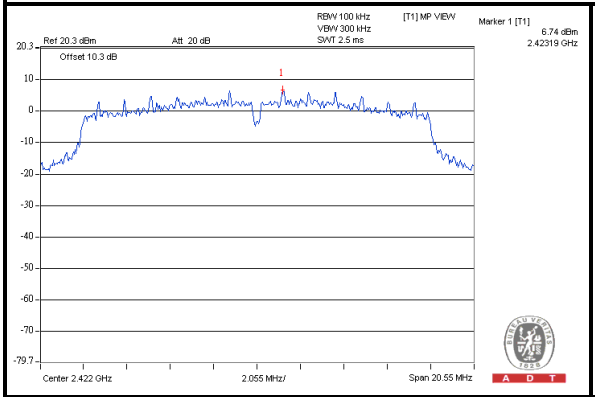


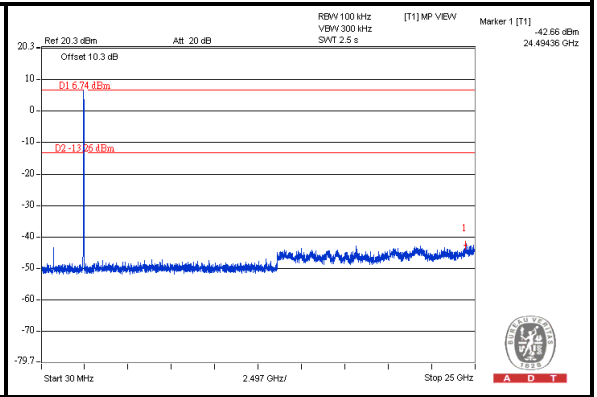
CH 2



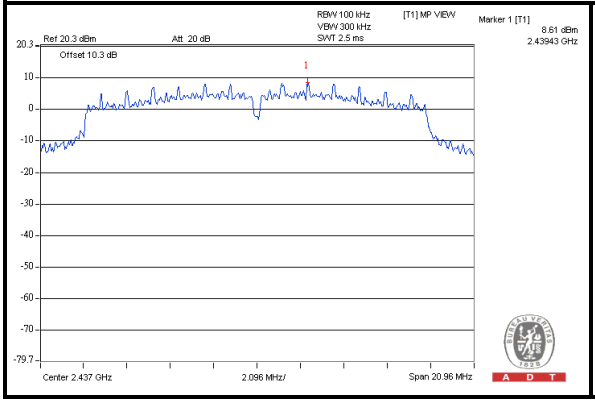


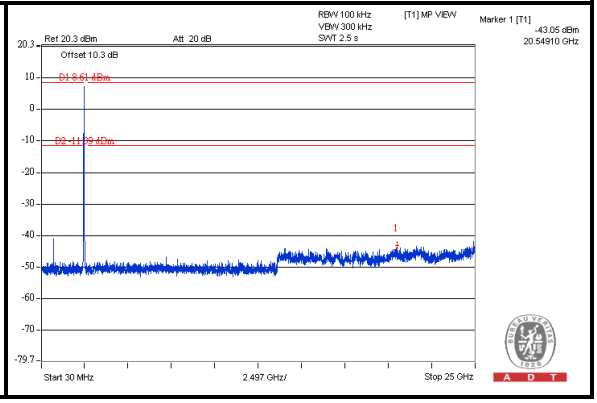
CH 3



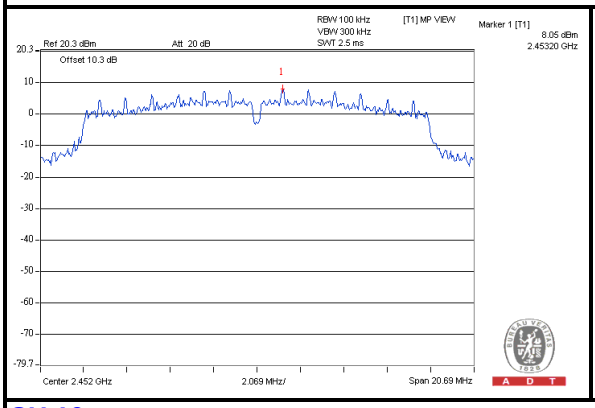


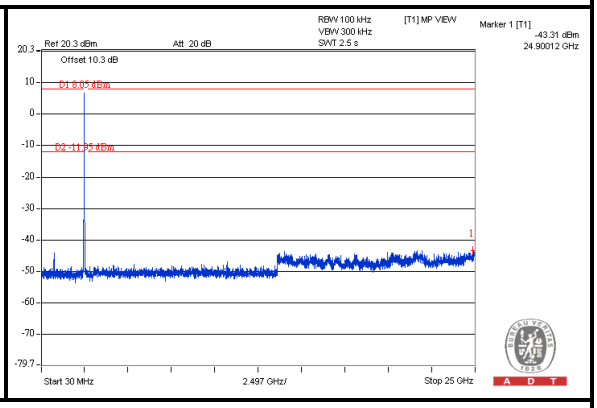
CH 6



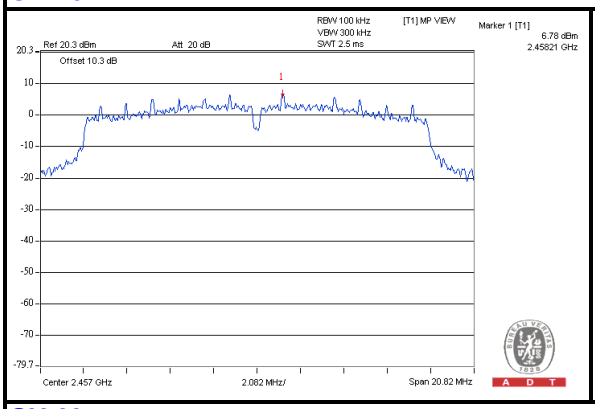


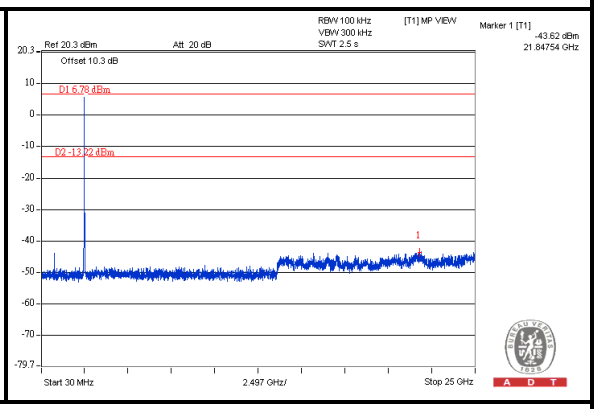
CH 9



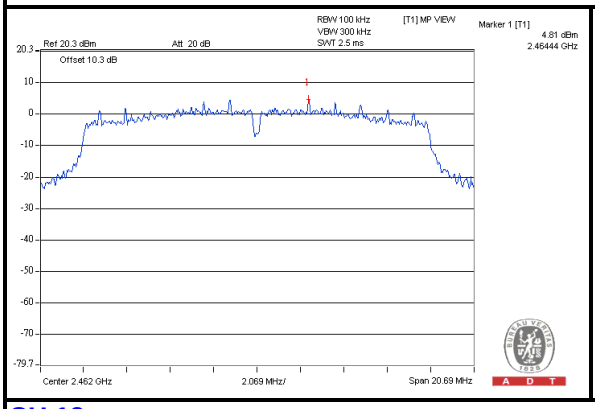


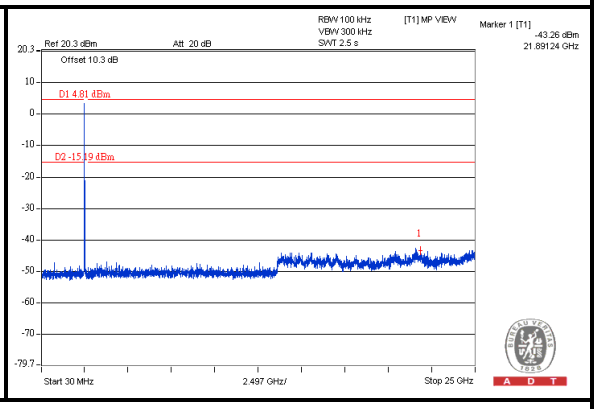
CH 10



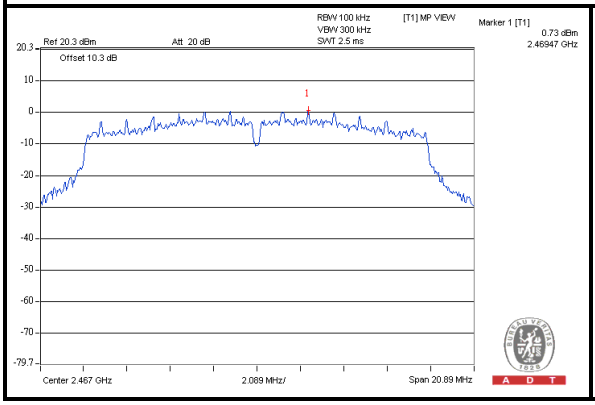


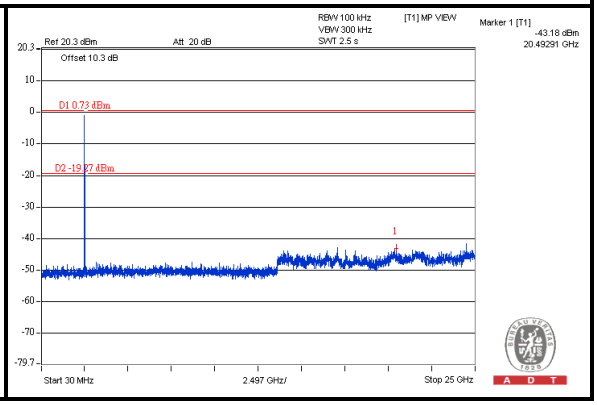
CH 11



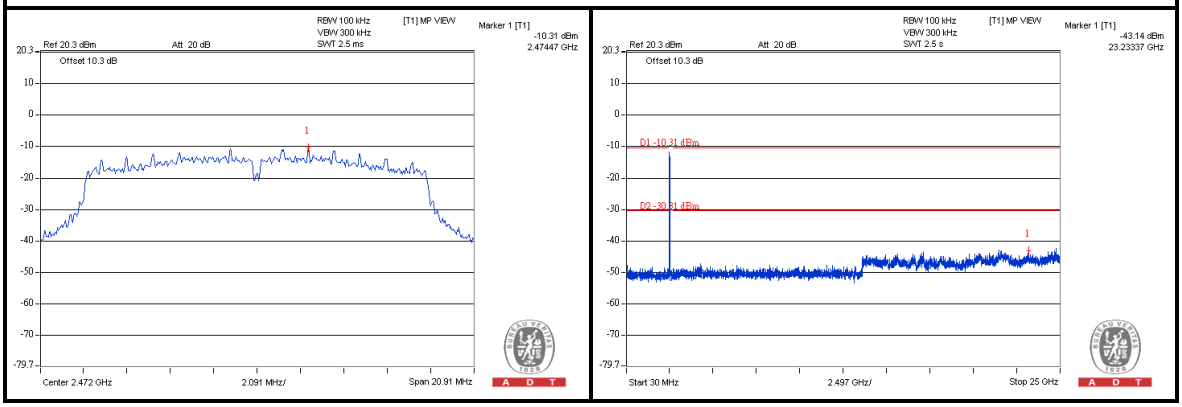


CH 12



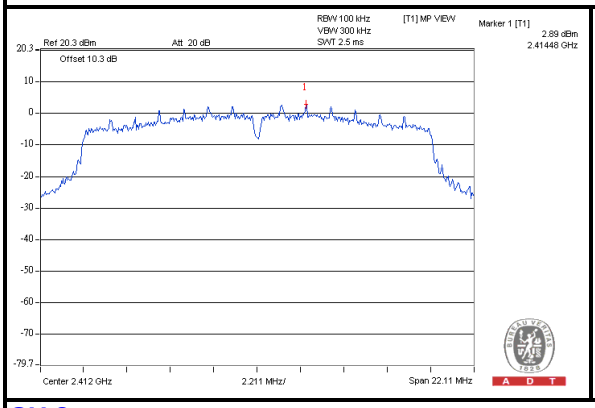


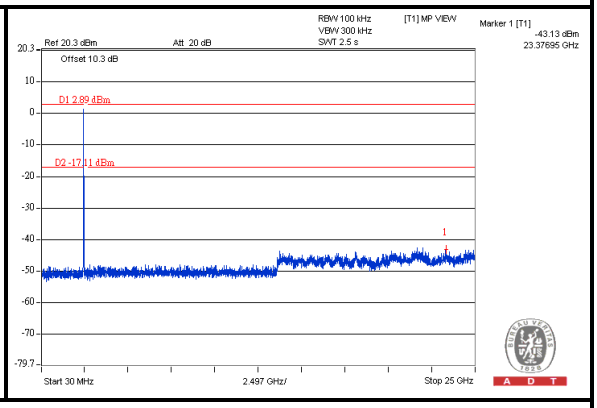
CH 13


RBW 100 kHz
VBW 300 kHz
SWT 2.5 ms
[T1] MP VIEW
Marker 1 [T1]
-10.31 dBm
2.47447 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
Center 2.472 GHz
2.091 MHz/
Span 20.91 MHz
RBW 100 kHz
VBW 300 kHz
SWT 2.5 s
[T1] MP VIEW
Marker 1 [T1]
-43.14 dBm
23.23337 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
D1 -10.31 dBm
D2 -30.31 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz

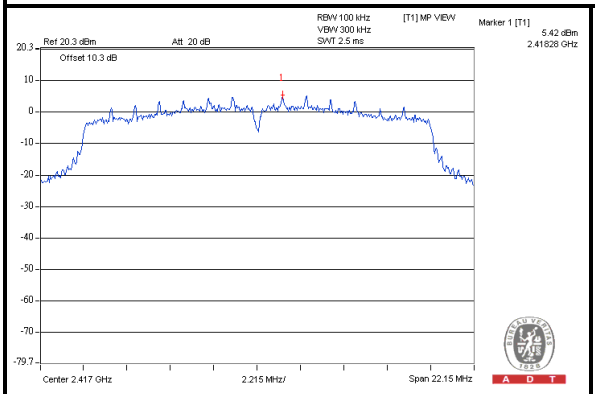
802.11n (HT20)

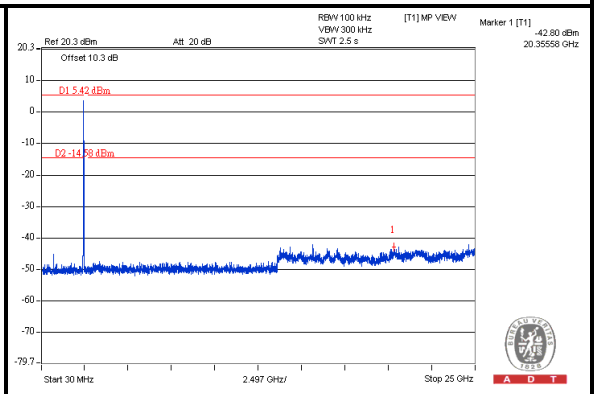
CH 1



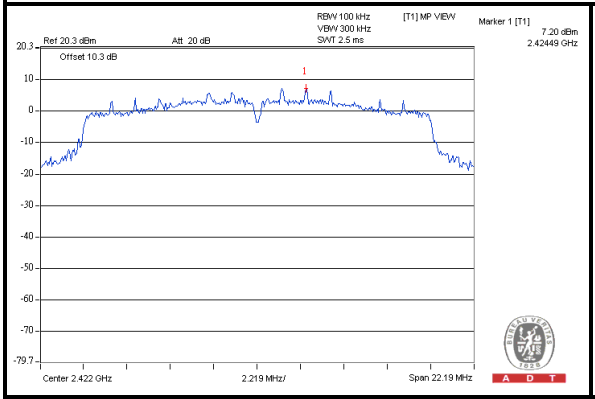


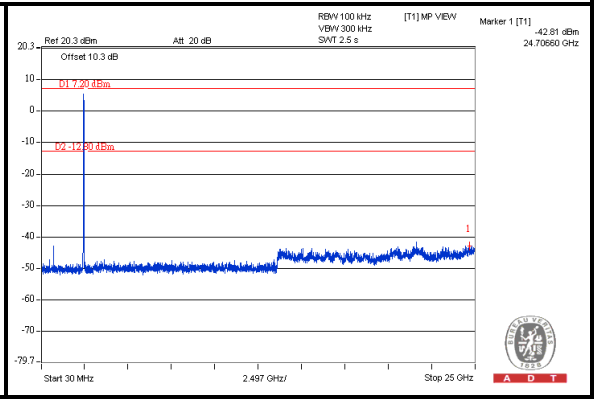
CH 2



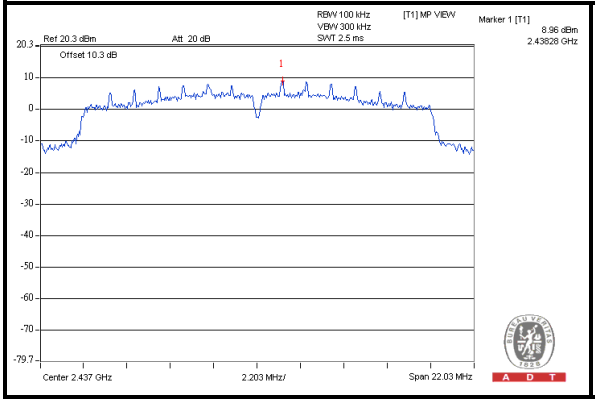


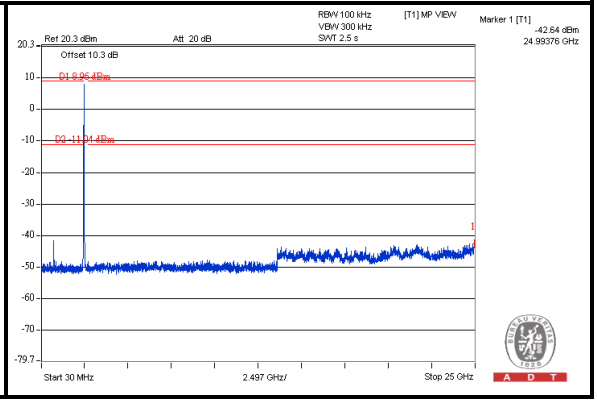
CH 3



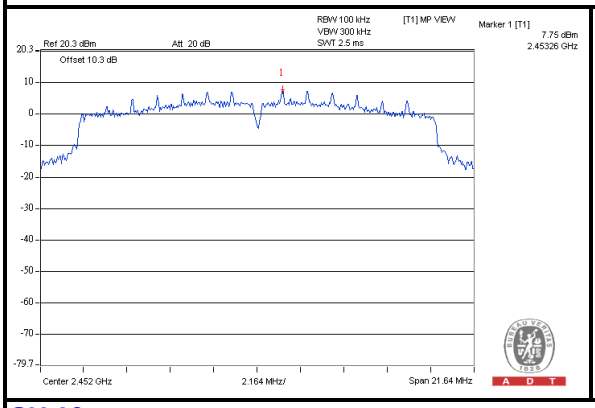


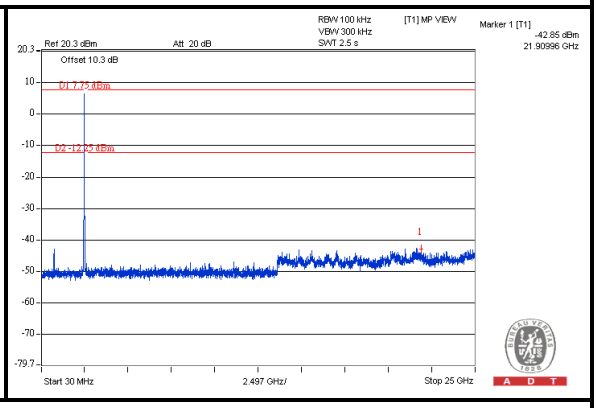
CH 6



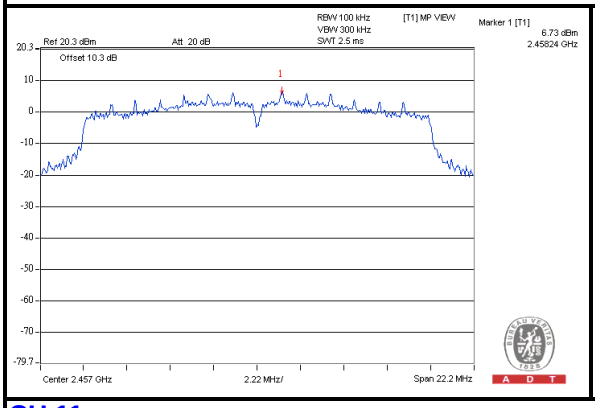


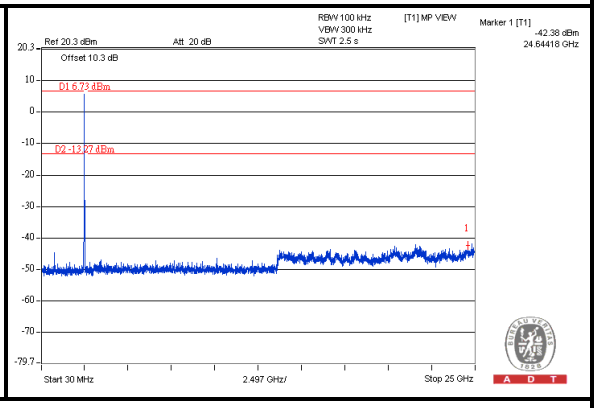
CH 9



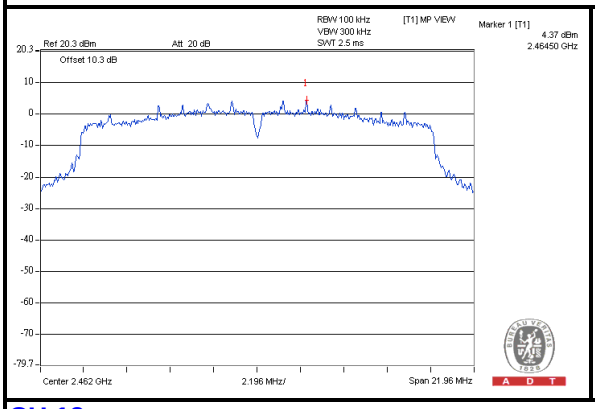


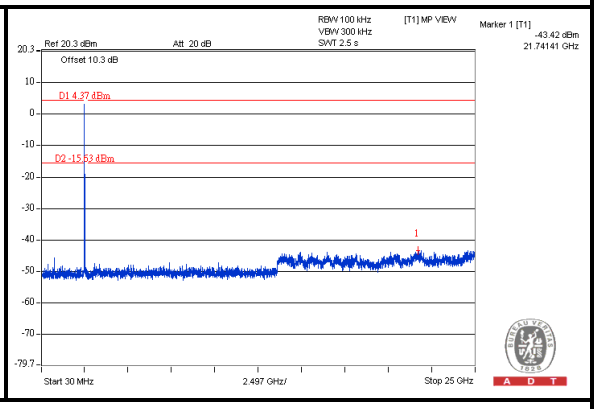
CH 10



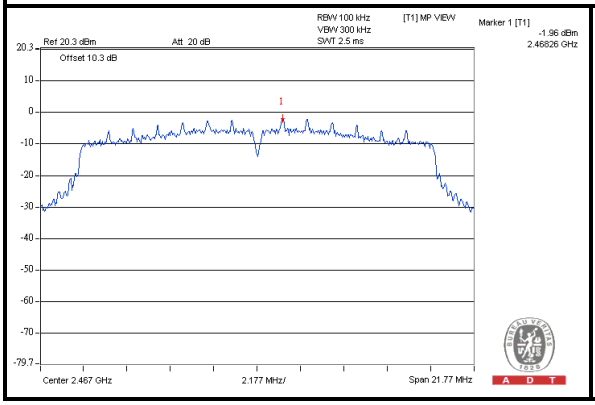


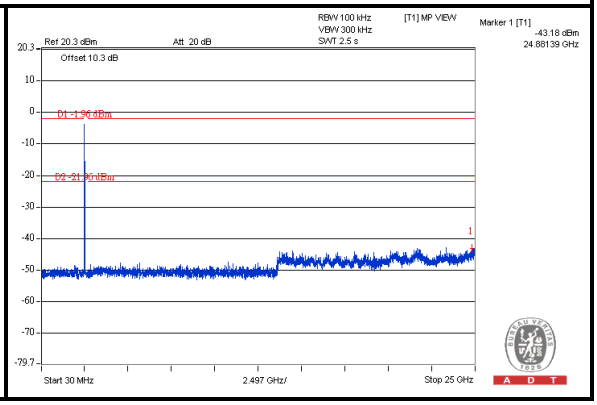
CH 11



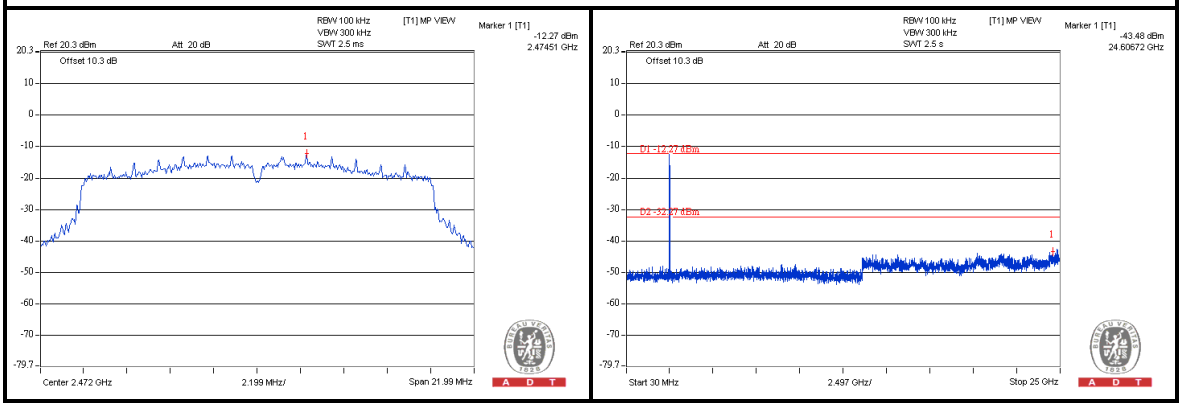


CH 12





CH 13


RBW 100 kHz
VBW 300 kHz
SWT 2.5 ms
[T1] MP VIEW
Marker 1 [T1]
-12.27 dBm
2.47451 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
Center 2.472 GHz
2.199 MHz/
Span 21.99 MHz
RBW 100 kHz
VBW 300 kHz
SWT 2.5 s
[T1] MP VIEW
Marker 1 [T1]
-43.48 dBm
24.60572 GHz
Ref 20.3 dBm
Att 20 dB
Offset 10.3 dB
D1 -12.27 dBm
D2 -32.27 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz

5. TEST TYPES AND RESULTS (FOR 5GHz, 5725~5850MHz Band)

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

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

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 0.50 MHz.

5.1.2 TEST INSTRUMENTS

For Mode 1:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS 30	100287	Feb. 29, 2012	Feb. 28, 2013
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK 8127	8127-523	Sep. 19, 2012	Sep. 20, 2013
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ESH3-Z5	848773/004	Nov. 01, 2011	Oct. 31, 2012
RF Cable (JYEBAO)	5DFB	COACAB-002	Aug. 05, 2012	Aug. 04, 2013
50 ohms Terminator	50	4	Nov. 12, 2011	Nov. 11, 2012
Software ADT	BV ADT_Cond_V7.3.7 .3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. A.
3 The VCCI Con A Registration No. is C-817.
4. Tested Date: Oct. 09, 2012

For Mode 2:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS 30	100287	Feb. 29, 2012	Feb. 28, 2013
Line-Impedance Stabilization Network (for EUT) SCHWARZBECK	NSLK 8127	8127-523	Sep. 20, 2011	Sep. 19, 2012
Line-Impedance Stabilization Network (for Peripheral) ROHDE & SCHWARZ	ESH3-Z5	848773/004	Nov. 01, 2011	Oct. 31, 2012
RF Cable (JYEBAO)	5DFB	COACAB-002	Aug. 05, 2012	Aug. 04, 2013
50 ohms Terminator	50	4	Nov. 12, 2011	Nov. 11, 2012
Software ADT	BV ADT_Cond_V7.3.7 .3	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. A.
3 The VCCI Con A Registration No. is C-817.
4. Tested Date: Sep. 10, 2012

5.1.3 TEST PROCEDURES

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

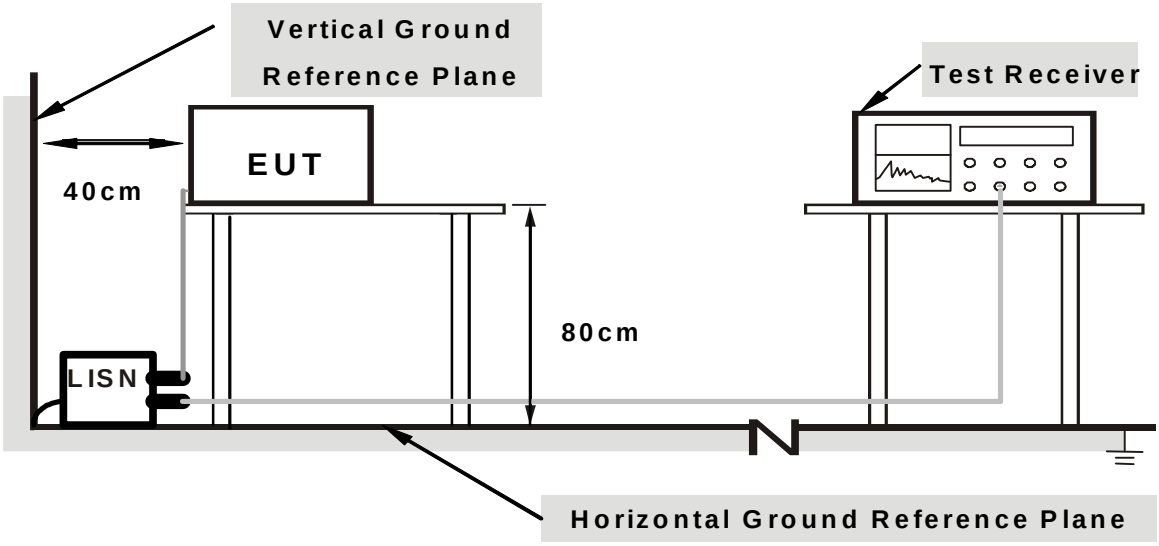
b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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

5.1.4 DEVIATION FROM TEST STANDARD

No deviation

5.1.5 TEST SETUP



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

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

5.1.6 EUT OPERATING CONDITIONS

Same as the 4.1.6

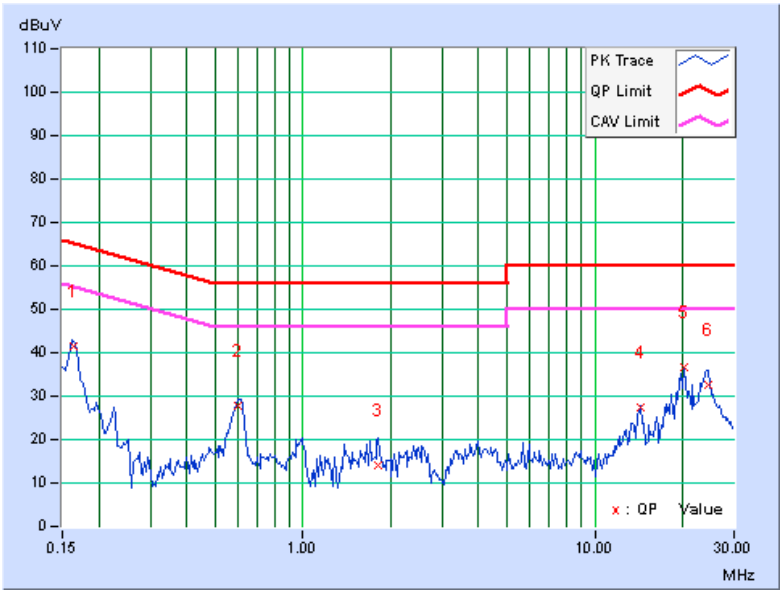
5.1.7 TEST RESULTS (MODE 1)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16397	0.09	41.31	40.42	41.40	40.51	65.26	55.26	-23.86	-14.75
2	0.59922	0.16	27.61	25.91	27.77	26.07	56.00	46.00	-28.23	-19.93
3	1.81250	0.24	13.98	12.92	14.22	13.16	56.00	46.00	-41.78	-32.84
4	14.27344	0.61	26.68	24.66	27.29	25.27	60.00	50.00	-32.71	-24.73
5	20.25856	0.72	35.95	33.11	36.67	33.83	60.00	50.00	-23.33	-16.17
6	24.35547	0.82	31.60	25.60	32.42	26.42	60.00	50.00	-27.58	-23.58

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.

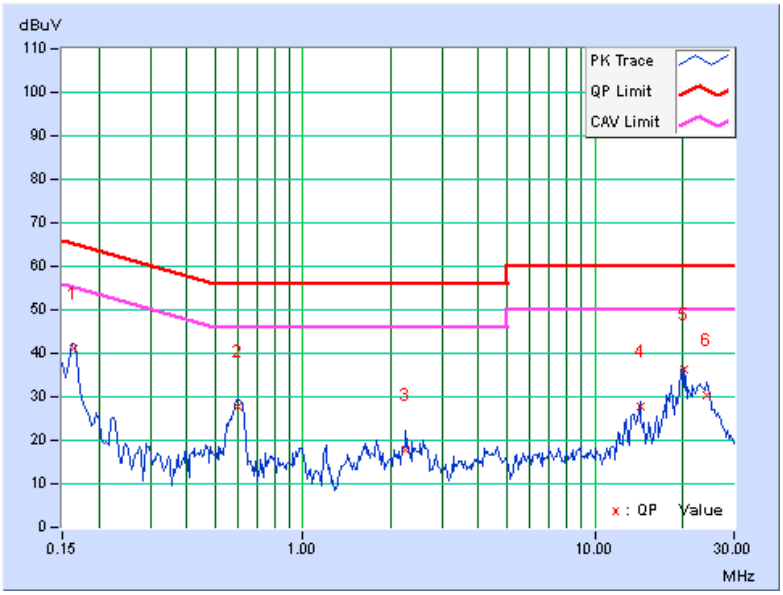


PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16397	0.10	41.09	40.44	41.19	40.54	65.26	55.26	-24.07	-14.72
2	0.59922	0.17	27.61	25.95	27.78	26.12	56.00	46.00	-28.22	-19.88
3	2.23828	0.25	17.48	12.12	17.73	12.37	56.00	46.00	-38.27	-33.63
4	14.27344	0.59	27.22	24.94	27.81	25.53	60.00	50.00	-32.19	-24.47
5	20.25781	0.70	35.72	32.91	36.42	33.61	60.00	50.00	-23.58	-16.39
6	24.09375	0.80	29.49	24.21	30.29	25.01	60.00	50.00	-29.71	-24.99

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.



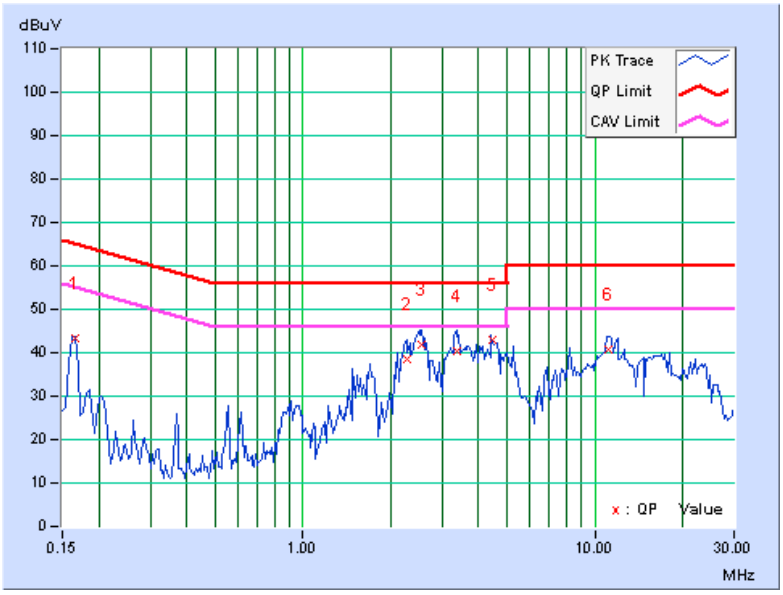
5.1.8 TEST RESULTS (MODE 2)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.09	43.12	42.54	43.21	42.63	65.18	55.18	-21.97	-12.55
2	2.26172	0.26	38.21	30.81	38.47	31.07	56.00	46.00	-17.53	-14.93
3	2.56250	0.27	41.74	35.35	42.01	35.62	56.00	46.00	-13.99	-10.38
4	3.36719	0.30	39.97	32.81	40.27	33.11	56.00	46.00	-15.73	-12.89
5	4.44172	0.34	42.77	38.55	43.11	38.89	56.00	46.00	-12.89	-7.11
6	11.12109	0.54	40.35	36.95	40.89	37.49	60.00	50.00	-19.11	-12.51

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.

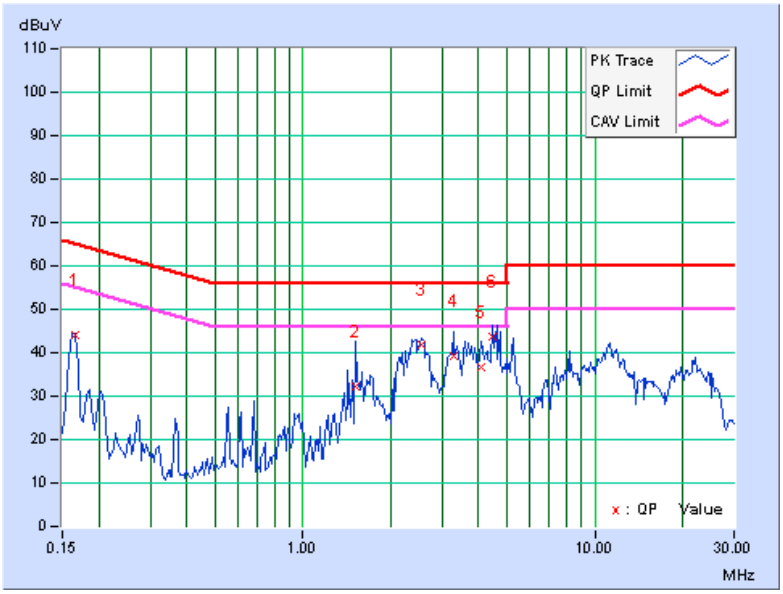


PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	0.10	43.84	43.12	43.94	43.22	65.18	55.18	-21.24	-11.96
2	1.51172	0.21	32.04	23.00	32.25	23.21	56.00	46.00	-23.75	-22.79
3	2.56250	0.26	41.48	35.00	41.74	35.26	56.00	46.00	-14.26	-10.74
4	3.28125	0.28	39.02	30.91	39.30	31.19	56.00	46.00	-16.70	-14.81
5	4.07813	0.31	36.39	29.02	36.70	29.33	56.00	46.00	-19.30	-16.67
6	**4.43750**	**0.32**	**43.50**	**39.31**	**43.82**	**39.63**	**56.00**	**46.00**	**-12.18**	**-6.37**

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.



5.2 RADIATED AND BANDEDGE EMISSION MEASUREMENT

5.2.1 LIMITS OF RADIATED AND BANDEDGE EMISSION MEASUREMENT

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

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

NOTE:

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

5.2.2 TEST INSTRUMENTS

For Mode 1 ~ 2:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 19, 2011	Dec. 18, 2012
Spectrum Analyzer Agilent PSA	E4446A	MY48250113	Nov. 30 , 2011	Nov. 29 , 2012
Pre_Amplifier HP	8449B	300801923	Oct. 31, 2011	Oct. 30, 2012
TRILOG Broadband Antenna SCHWARZBECK	VULB 9168	138	Apr. 02, 2012	Apr. 01, 2013
Horn_Antenna SCHWARZBECK	BBHA9120	D124	Dec. 16, 2011	Dec. 15, 2012
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170153	Jan. 17, 2012	Jan. 16, 2013
RF Cable (Chaintek)	Sucoflex 106	RF106-102	Jan. 19, 2012	Jan. 18, 2013
RF Cable	8DFB	STCCAB-30M -1GHz	Sep. 23, 2012	Sep. 22, 2013
Software	ADT_Radiated _V7.6.15.9.2	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3 The test was performed in Open Site No. C.
4. The FCC Site Registration No. is 656396.
5 The VCCI Site Registration No. is R-1626.
6 The CANADA Site Registration No. is IC 7450G-3.
7 Tested Date: Sep. 25 to 26, 2012

For Mode 3:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver Agilent	N9038A	MY51210202	Dec. 19, 2011	Dec. 18, 2012
Spectrum Analyzer Agilent PSA	E4446A	MY48250113	Nov. 30, 2011	Nov. 29, 2012
Pre_Amplifier HP	8449B	300801923	Oct. 30, 2012	Oct. 29, 2013
Test Receiver ROHDE & SCHWARZ	ESCS30	847124/029	Sep. 07, 2012	Sep. 06, 2013
TRILOG Broadband Antenna SCHWARZBECK	VULB 9168	138	Apr. 02, 2012	Apr. 01, 2013
Horn_Antenna SCHWARZBECK	BBHA9120	D124	Dec. 16, 2011	Dec. 15, 2012
Horn_Antenna SCHWARZBECK	BBHA 9170	BBHA9170153	Jan. 17, 2012	Jan. 16, 2013
RF Cable (Chaintek)	Sucoflex 106	RF106-102	Jan. 19, 2012	Jan. 18, 2013
RF Cable	8DFB	STCCAB-30M -1GHz	Sep. 23, 2012	Sep. 22, 2013
Software	ADT_Radiated _V7.6.15.9.2	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) and Spectrum Analyzer (model: FSP40) are used only for the measurement of emission frequency above 1GHz if tested.
3 The test was performed in Open Site No. C.
4. The FCC Site Registration No. is 656396.
5 The VCCI Site Registration No. is R-1626.
6 The CANADA Site Registration No. is IC 7450G-3.
7 Tested Date: Nov. 07, 2012

5.2.3 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site 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 detect 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.

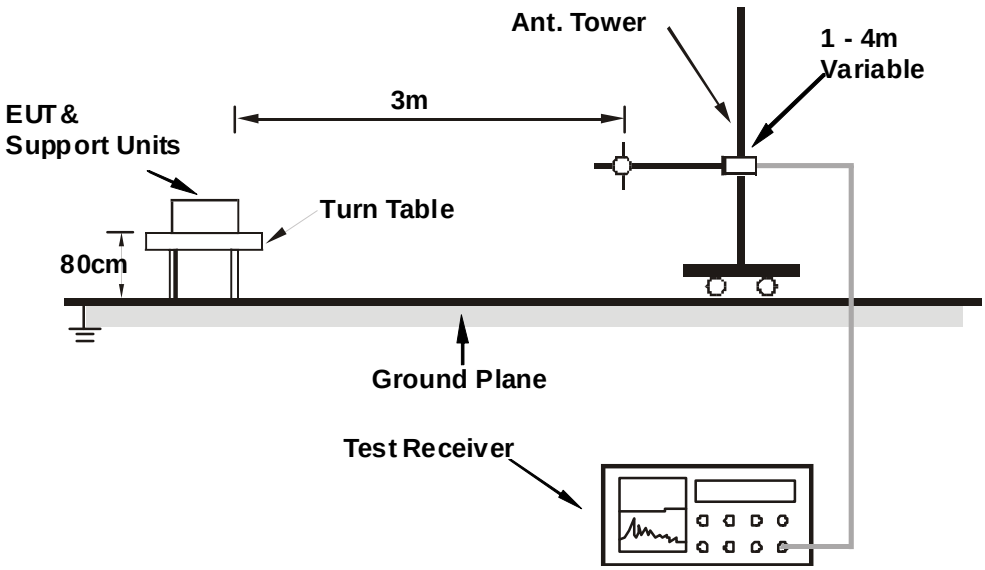
NOTE:

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 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

5.2.4 DEVIATION FROM TEST STANDARD

No deviation

5.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

5.2.6 EUT OPERATING CONDITIONS

Same as the 4.2.6

5.2.7 TEST RESULTS (MODE 1)

BELOW 1GHz WORST-CASE DATA

802.11n (HT20)

CHANNEL	TX Channel 165	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	54.58	30.3 QP	40.0	-9.7	1.06 H	78	16.00	14.29
2	211.00	28.1 QP	43.5	-15.4	1.11 H	316	15.63	12.43
3	**320.00**	**39.0 QP**	**46.0**	**-7.0**	**1.53 H**	**41**	**22.17**	**16.87**
4	448.00	33.7 QP	46.0	-12.3	1.56 H	204	13.08	20.59
5	704.00	38.1 QP	46.0	-8.0	1.03 H	253	10.97	27.08
6	1000.00	32.4 QP	54.0	-21.6	1.17 H	165	1.99	30.45
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	120.00	22.3 QP	43.5	-21.3	1.38 V	23	9.50	12.75
2	171.92	29.2 QP	43.5	-14.3	1.33 V	334	14.92	14.32
3	320.00	32.7 QP	46.0	-13.3	1.46 V	279	15.84	16.87
4	448.00	37.0 QP	46.0	-9.0	1.13 V	260	16.39	20.59
5	576.00	34.2 QP	46.0	-11.8	1.09 V	265	9.49	24.73
6	704.00	31.1 QP	46.0	-14.9	1.11 V	322	4.02	27.08

REMARKS:

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

ABOVE 1GHz DATA

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	108.7 PK			1.96 H	5	70.84	37.86
2	*5745.00	97.7 AV			1.96 H	5	59.84	37.86
3	11490.00	53.3 PK	74.0	-20.7	1.00 H	133	5.69	47.61
4	11490.00	42.9 AV	54.0	-11.1	1.00 H	133	-4.71	47.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	108.6 PK			1.07 V	278	70.74	37.86
2	*5745.00	99.1 AV			1.07 V	278	61.24	37.86
3	11490.00	55.1 PK	74.0	-18.9	1.00 V	112	7.49	47.61
4	11490.00	42.9 AV	54.0	-11.1	1.00 V	112	-4.71	47.61

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	108.3 PK			2.01 H	10	70.32	37.98
2	*5785.00	97.3 AV			2.01 H	10	59.32	37.98
3	11570.00	53.7 PK	74.0	-20.3	1.03 H	142	6.13	47.57
4	11570.00	43.1 AV	54.0	-10.9	1.03 H	142	-4.47	47.57
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	*5785.00	108.6 PK			1.11 V	262	70.62	37.98
2	*5785.00	99.2 AV			1.11 V	262	61.22	37.98
3	11570.00	55.1 PK	74.0	-18.9	1.00 V	101	7.53	47.57
4	11570.00	43.1 AV	54.0	-10.9	1.00 V	101	-4.47	47.57

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	108.6 PK			1.97 H	8	70.53	38.07
2	*5825.00	97.8 AV			1.97 H	8	59.73	38.07
3	11650.00	53.6 PK	74.0	-20.4	1.02 H	140	6.06	47.54
4	11650.00	43.3 AV	54.0	-10.7	1.02 H	140	-4.24	47.54
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	*5825.00	108.8 PK			1.10 V	266	70.73	38.07
2	*5825.00	99.3 AV			1.10 V	266	61.23	38.07
3	11650.00	55.7 PK	74.0	-18.3	1.00 V	114	8.16	47.54
4	11650.00	43.3 AV	54.0	-10.7	1.00 V	114	-4.24	47.54

REMARKS:

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

802.11n (HT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5745.00	108.1 PK			1.96 H	9	70.24	37.86
2	*5745.00	97.2 AV			1.96 H	9	59.34	37.86
3	11490.00	53.1 PK	74.0	-20.9	1.00 H	127	5.49	47.61
4	11490.00	42.9 AV	54.0	-11.1	1.00 H	127	-4.71	47.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5745.00	108.3 PK			1.08 V	288	70.44	37.86
2	*5745.00	98.6 AV			1.08 V	288	60.74	37.86
3	11490.00	55.1 PK	74.0	-18.9	1.00 V	113	7.49	47.61
4	11490.00	42.3 AV	54.0	-11.7	1.00 V	113	-5.31	47.61

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	107.5 PK			1.99 H	7	69.52	37.98
2	*5785.00	96.9 AV			1.99 H	7	58.92	37.98
3	11570.00	53.5 PK	74.0	-20.5	1.01 H	134	5.93	47.57
4	11570.00	43.2 AV	54.0	-10.8	1.01 H	134	-4.37	47.57
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	*5785.00	108.6 PK			1.09 V	269	70.62	37.98
2	*5785.00	98.7 AV			1.09 V	269	60.72	37.98
3	11570.00	55.2 PK	74.0	-18.8	1.00 V	111	7.63	47.57
4	11570.00	42.4 AV	54.0	-11.6	1.00 V	111	-5.17	47.57

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	108.2 PK			1.68 H	10	70.13	38.07
2	*5825.00	97.1 AV			1.68 H	10	59.03	38.07
3	11650.00	52.8 PK	74.0	-21.2	1.00 H	126	5.26	47.54
4	11650.00	42.5 AV	54.0	-11.5	1.00 H	126	-5.04	47.54
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	*5825.00	108.5 PK			1.10 V	268	70.43	38.07
2	*5825.00	98.3 AV			1.10 V	268	60.23	38.07
3	11650.00	55.3 PK	74.0	-18.7	1.00 V	103	7.76	47.54
4	11650.00	42.4 AV	54.0	-11.6	1.00 V	103	-5.14	47.54

REMARKS:

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

5.2.8 TEST RESULTS (MODE 2)

BELOW 1GHz WORST-CASE DATA

802.11n (HT20)

CHANNEL	TX Channel 165	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	192.06	35.4 QP	43.5	-8.1	1.70 H	305	22.91	12.53
2	320.00	37.6 QP	46.0	-8.4	1.06 H	46	20.74	16.87
3	448.00	37.5 QP	46.0	-8.5	1.11 H	174	16.93	20.59
4	576.00	31.7 QP	46.0	-14.3	1.17 H	83	7.00	24.73
5	640.00	38.6 QP	46.0	-7.4	1.14 H	55	12.31	26.31
6	704.00	37.5 QP	46.0	-8.5	1.29 H	53	10.43	27.08
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	128.00	34.3 QP	43.5	-9.2	1.15 V	122	20.88	13.40
2	192.00	31.6 QP	43.5	-11.9	1.35 V	45	19.08	12.54
3	320.00	34.6 QP	46.0	-11.4	1.56 V	47	17.73	16.87
4	448.00	35.5 QP	46.0	-10.6	1.01 V	206	14.86	20.59
5	576.00	30.4 QP	46.0	-15.6	1.11 V	130	5.66	24.73
6	640.00	38.4 QP	46.0	-7.6	1.12 V	171	12.06	26.31

REMARKS:

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

ABOVE 1GHz DATA

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	99.3 PK			1.14 H	197	61.44	37.86
2	*5745.00	88.4 AV			1.14 H	197	50.54	37.86
3	11490.00	53.9 PK	74.0	-20.1	1.09 H	155	6.29	47.61
4	11490.00	43.6 AV	54.0	-10.4	1.09 H	155	-4.01	47.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	108.1 PK			1.34 V	133	70.24	37.86
2	*5745.00	98.8 AV			1.34 V	133	60.94	37.86
3	11490.00	53.7 PK	74.0	-20.3	1.00 V	59	6.09	47.61
4	11490.00	43.2 AV	54.0	-10.8	1.00 V	59	-4.41	47.61

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	99.4 PK			1.15 H	200	61.42	37.98
2	*5785.00	88.7 AV			1.15 H	200	50.72	37.98
3	11570.00	53.2 PK	74.0	-20.8	1.04 H	163	5.63	47.57
4	11570.00	43.1 AV	54.0	-10.9	1.04 H	163	-4.47	47.57
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	*5785.00	108.3 PK			1.35 V	132	70.32	37.98
2	*5785.00	98.5 AV			1.35 V	132	60.52	37.98
3	11570.00	53.8 PK	74.0	-20.2	1.00 V	38	6.23	47.57
4	11570.00	43.3 AV	54.0	-10.7	1.00 V	38	-4.27	47.57

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	99.5 PK			1.11 H	195	61.43	38.07
2	*5825.00	88.6 AV			1.11 H	195	50.53	38.07
3	11650.00	54.0 PK	74.0	-20.0	1.08 H	148	6.46	47.54
4	11650.00	43.7 AV	54.0	-10.3	1.08 H	148	-3.84	47.54
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	*5825.00	108.6 PK			1.36 V	133	70.53	38.07
2	*5825.00	98.6 AV			1.36 V	133	60.53	38.07
3	11650.00	53.9 PK	74.0	-20.1	1.00 V	53	6.36	47.54
4	11650.00	43.1 AV	54.0	-10.9	1.00 V	53	-4.44	47.54

REMARKS:

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

802.11n (HT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	99.1 PK			1.13 H	200	61.24	37.86
2	*5745.00	88.3 AV			1.13 H	200	50.44	37.86
3	11490.00	54.0 PK	74.0	-20.0	1.07 H	157	6.39	47.61
4	11490.00	43.6 AV	54.0	-10.4	1.07 H	157	-4.01	47.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	107.5 PK			1.34 V	132	69.64	37.86
2	*5745.00	98.2 AV			1.34 V	132	60.34	37.86
3	11490.00	53.6 PK	74.0	-20.4	1.03 V	53	5.99	47.61
4	11490.00	43.4 AV	54.0	-10.6	1.03 V	53	-4.21	47.61

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5785.00	99.0 PK			1.15 H	195	61.02	37.98
2	*5785.00	88.0 AV			1.15 H	195	50.02	37.98
3	11570.00	53.6 PK	74.0	-20.4	1.08 H	151	6.03	47.57
4	11570.00	43.3 AV	54.0	-10.7	1.08 H	151	-4.27	47.57
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	*5785.00	107.9 PK			1.33 V	134	69.92	37.98
2	*5785.00	98.1 AV			1.33 V	134	60.12	37.98
3	11570.00	54.0 PK	74.0	-20.0	1.02 V	48	6.43	47.57
4	11570.00	43.4 AV	54.0	-10.6	1.02 V	48	-4.17	47.57

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	99.2 PK			1.11 H	197	61.13	38.07
2	*5825.00	88.1 AV			1.11 H	197	50.03	38.07
3	11650.00	53.8 PK	74.0	-20.2	1.06 H	169	6.26	47.54
4	11650.00	43.6 AV	54.0	-10.4	1.06 H	169	-3.94	47.54
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	*5825.00	107.7 PK			1.35 V	133	69.63	38.07
2	*5825.00	98.2 AV			1.35 V	133	60.13	38.07
3	11650.00	54.1 PK	74.0	-19.9	1.00 V	46	6.56	47.54
4	11650.00	43.7 AV	54.0	-10.3	1.00 V	46	-3.84	47.54

REMARKS:

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

5.2.9 TEST RESULTS (MODE 3)

ABOVE 1GHz DATA

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	107.7 PK			1.93 H	12	64.38	43.32
2	*5745.00	96.9 AV			1.93 H	12	53.58	43.32
3	11490.00	52.5 PK	74.0	-21.5	1.03 H	127	2.71	49.79
4	11490.00	42.6 AV	54.0	-11.4	1.03 H	127	-7.19	49.79
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	*5745.00	106.9 PK			1.03 V	273	63.58	43.32
2	*5745.00	97.7 AV			1.03 V	273	54.38	43.32
3	11490.00	53.6 PK	74.0	-20.4	1.00 V	100	3.81	49.79
4	11490.00	41.9 AV	54.0	-12.1	1.00 V	100	-7.89	49.79

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5785.00	106.7 PK			2.05 H	1	63.33	43.37
2	*5785.00	96.8 AV			2.05 H	1	53.43	43.37
3	11570.00	51.7 PK	74.0	-22.3	1.07 H	145	1.87	49.83
4	11570.00	41.9 AV	54.0	-12.1	1.07 H	145	-7.93	49.83
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	*5785.00	106.3 PK			1.05 V	277	62.93	43.37
2	*5785.00	97.3 AV			1.05 V	277	53.93	43.37
3	11570.00	52.7 PK	74.0	-21.3	1.00 V	100	2.87	49.83
4	11570.00	41.5 AV	54.0	-12.5	1.00 V	100	-8.33	49.83

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	105.4 PK			1.99 H	6	61.93	43.47
2	*5825.00	96.1 AV			1.99 H	6	52.63	43.47
3	11650.00	51.3 PK	74.0	-22.7	1.04 H	136	1.19	50.11
4	11650.00	41.7 AV	54.0	-12.3	1.04 H	136	-8.41	50.11
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	*5825.00	107.2 PK			1.05 V	290	63.73	43.47
2	*5825.00	97.8 AV			1.05 V	290	54.33	43.47
3	11650.00	54.5 PK	74.0	-19.5	1.00 V	113	4.39	50.11
4	11650.00	42.1 AV	54.0	-11.9	1.00 V	113	-8.01	50.11

REMARKS:

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

802.11n (HT20)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5745.00	106.0 PK			2.09 H	5	62.68	43.32
2	*5745.00	96.4 AV			2.09 H	5	53.08	43.32
3	11490.00	50.6 PK	74.0	-23.4	1.04 H	160	0.81	49.79
4	11490.00	41.3 AV	54.0	-12.7	1.04 H	160	-8.49	49.79
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	*5745.00	106.6 PK			1.03 V	288	63.28	43.32
2	*5745.00	97.3 AV			1.03 V	288	53.98	43.32
3	11490.00	54.4 PK	74.0	-19.6	1.00 V	119	4.61	49.79
4	11490.00	41.9 AV	54.0	-12.1	1.00 V	119	-7.89	49.79

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5785.00	105.6 PK			2.03 H	4	62.23	43.37
2	*5785.00	96.2 AV			2.03 H	4	52.83	43.37
3	11570.00	50.5 PK	74.0	-23.5	1.00 H	146	0.67	49.83
4	11570.00	41.2 AV	54.0	-12.8	1.00 H	146	-8.63	49.83
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	*5785.00	106.5 PK			1.00 V	257	63.13	43.37
2	*5785.00	97.2 AV			1.00 V	257	53.83	43.37
3	11570.00	55.0 PK	74.0	-19.0	1.00 V	105	5.17	49.83
4	11570.00	42.1 AV	54.0	-11.9	1.00 V	105	-7.73	49.83

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	105.2 PK			1.98 H	20	61.73	43.47
2	*5825.00	95.7 AV			1.98 H	20	52.23	43.47
3	11650.00	49.2 PK	74.0	-24.8	1.00 H	158	-0.91	50.11
4	11650.00	40.6 AV	54.0	-13.4	1.00 H	158	-9.51	50.11
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	*5825.00	107.9 PK			1.04 V	253	64.43	43.47
2	*5825.00	97.5 AV			1.04 V	253	54.03	43.47
3	11650.00	55.3 PK	74.0	-18.7	1.00 V	94	5.19	50.11
4	11650.00	42.1 AV	54.0	-11.9	1.00 V	94	-8.01	50.11

REMARKS:

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

5.3 6dB BANDWIDTH MEASUREMENT

5.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

5.3.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

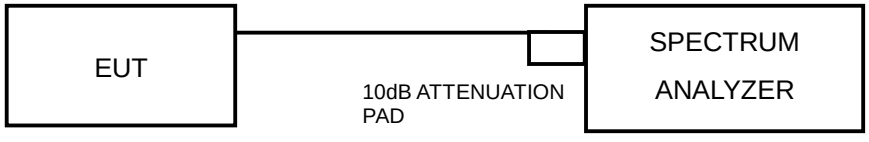
5.3.3 TEST PROCEDURE

1. Set resolution bandwidth (RBW) = approximately 1% of the emission bandwidth
2. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
3. Trace mode = max hold.
4. Sweep = auto couple.
5. 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

5.3.4 DEVIATION FROM TEST STANDARD

No deviation

5.3.5 TEST SETUP



5.3.6 EUT OPERATING CONDITIONS

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

5.3.7 TEST RESULTS

802.11a

CHANNEL	FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
149	5745	16.23	0.5	PASS
157	5785	16.15	0.5	PASS
165	5825	16.02	0.5	PASS

802.11n (HT20)

CHANNEL	FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
149	5745	17.10	0.5	PASS
157	5785	17.13	0.5	PASS
165	5825	17.27	0.5	PASS

5.4 CONDUCTED OUTPUT POWER MEASUREMENT

5.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 5725 –5850 MHz band: 1 Watt (30dBm)

5.4.2 INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Power Meter	ML2495A	0824006	May 10, 2012	May 09, 2013
Peak Power Sensor	MA2411B	0738172	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

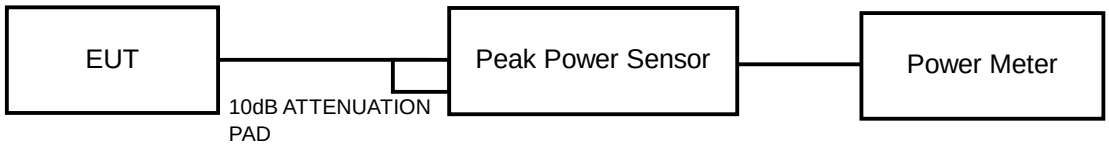
5.4.3 TEST PROCEDURES

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 peak power level.

5.4.4 DEVIATION FROM TEST STANDARD

No deviation

5.4.5 TEST SETUP



5.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6

5.4.7 TEST RESULTS

802.11a

CHANNEL	FREQUENCY (MHz)	PEAK POWER (mW)	PEAK POWER (dBm)	LIMIT (dBm)	PASS/FAIL
149	5745	173.780	22.4	30	PASS
157	5785	173.780	22.4	30	PASS
165	5825	169.824	22.3	30	PASS

802.11n (HT20)

CHANNEL	FREQUENCY (MHz)	PEAK POWER (mW)	PEAK POWER (dBm)	LIMIT (dBm)	PASS/FAIL
149	5745	173.780	22.4	30	PASS
157	5785	169.824	22.3	30	PASS
165	5825	169.824	22.3	30	PASS

5.5 POWER SPECTRAL DENSITY MEASUREMENT

5.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

5.5.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

5.5.3 TEST PROCEDURE

1. Set the RBW = 100 kHz, VBW =300 kHz, Detector = peak.
2. Sweep time = auto couple.
3. Trace mode = max hold.
4. Allow trace to fully stabilize.
5. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.
6. Scale the observed power level to an equivalent value in 3 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log(3 kHz/100kHz)

5.5.4 DEVIATION FROM TEST STANDARD

No deviation

5.5.5 TEST SETUP

5.5.6 EUT OPERATING CONDITION

Same as Item 4.3.6

5.5.7 TEST RESULTS

802.11a

Channel	FREQUENCY (MHz)	PSD (dBm/100kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
149	5745	9.46	-5.77	8	PASS
157	5785	9.74	-5.49	8	PASS
165	5825	9.62	-5.61	8	PASS

802.11n (HT20)

Channel	FREQUENCY (MHz)	PSD (dBm/100kHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
149	5745	9.17	-6.06	8	PASS
157	5785	9.40	-5.83	8	PASS
165	5825	8.99	-6.24	8	PASS

5.6 CONDUCTED OUT-BAND EMISSION MEASUREMENT

5.6.1 LIMITS OF CONDUCTED OUT-BAND EMISSION MEASUREMENT

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

5.6.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 10, 2012	May 09, 2013

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. Tested date : Sep. 21, 2012

5.6.3 TEST PROCEDURE

Measurement Procedure - Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

Measurement Procedure - Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = power average (RMS).
4. Manually set the sweep time to: ≥ 10 x (number of measurement points in sweep) x (transmission symbol period).
5. Perform the measurement over a single sweep.
6. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

5.6.4 DEVIATION FROM TEST STANDARD

No deviation

5.6.5 TEST SETUP

5.6.6 EUT OPERATING CONDITION

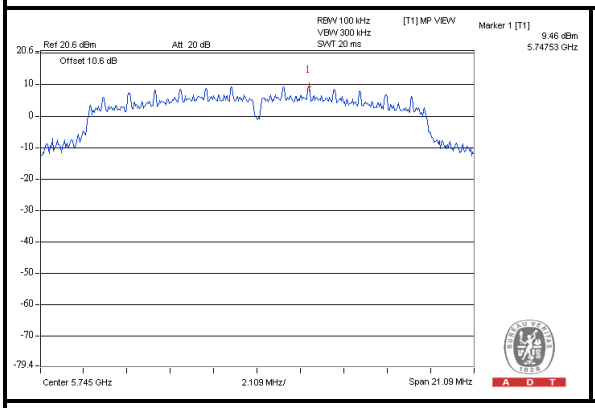
Same as Item 4.3.6

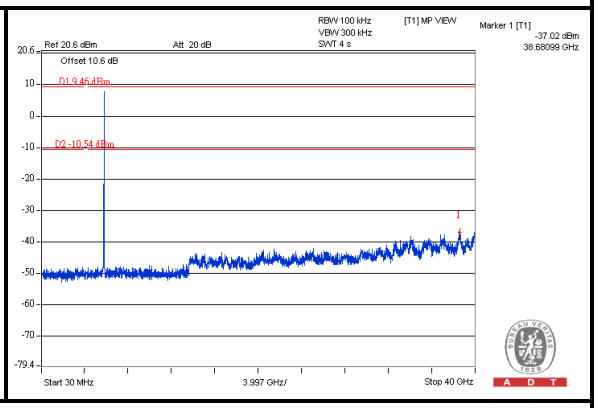
5.6.7 TEST RESULTS

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

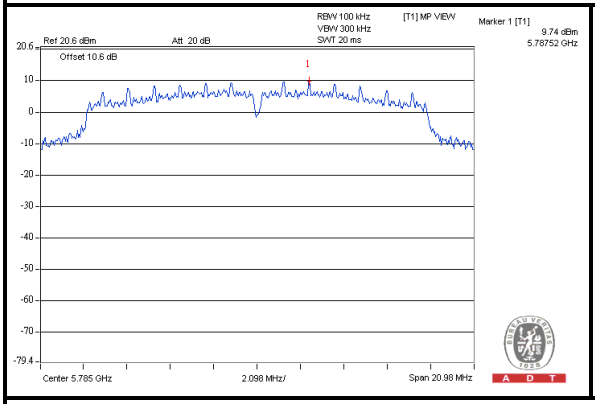
802.11a

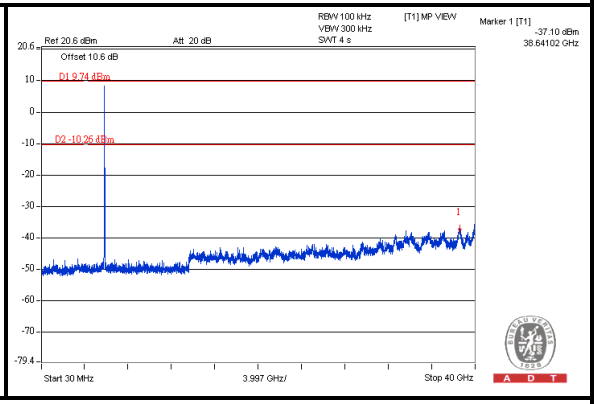
CH 149



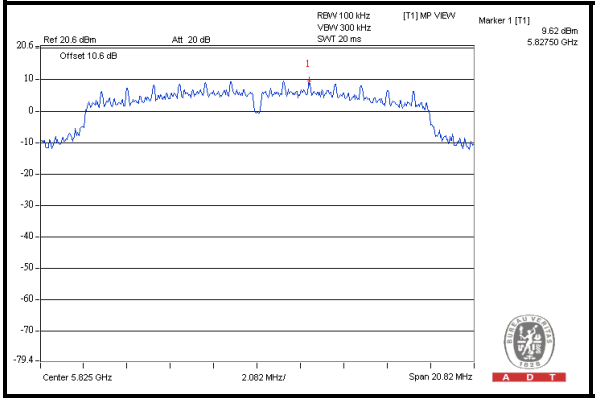


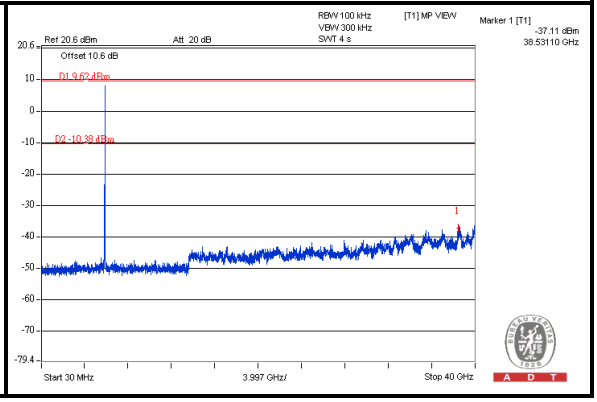
CH 157





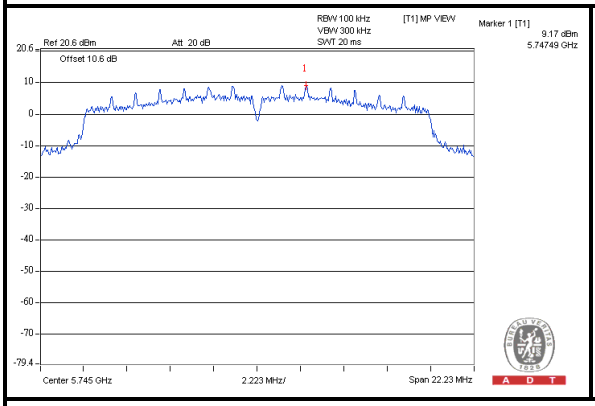
CH 165

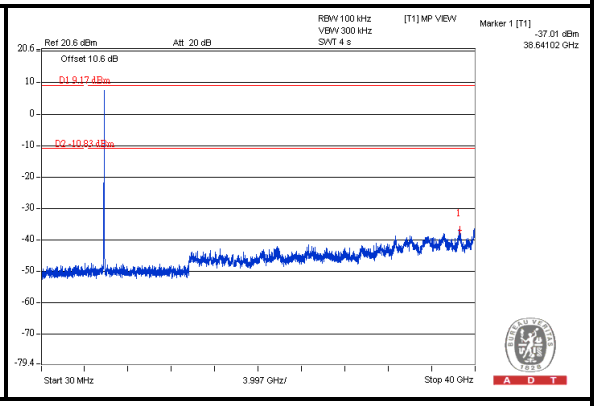




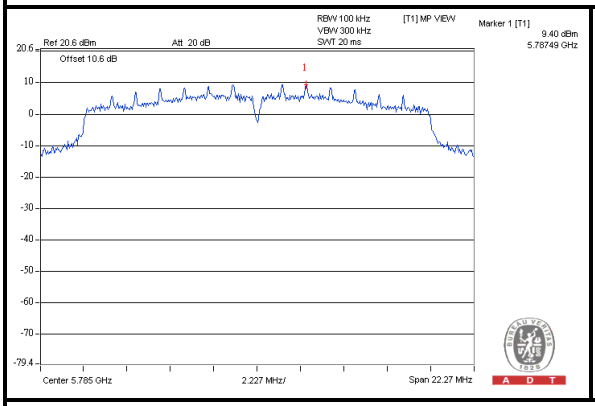
802.11n (HT20)

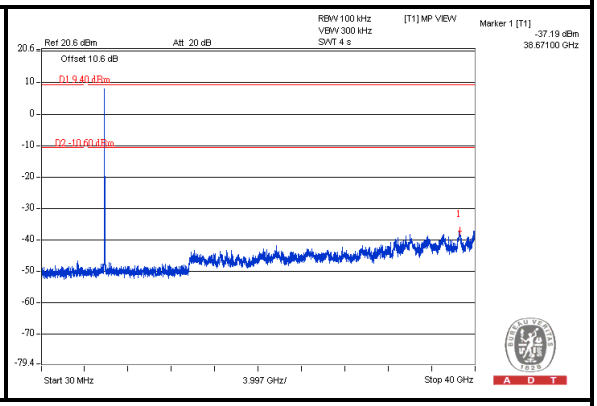
CH 149



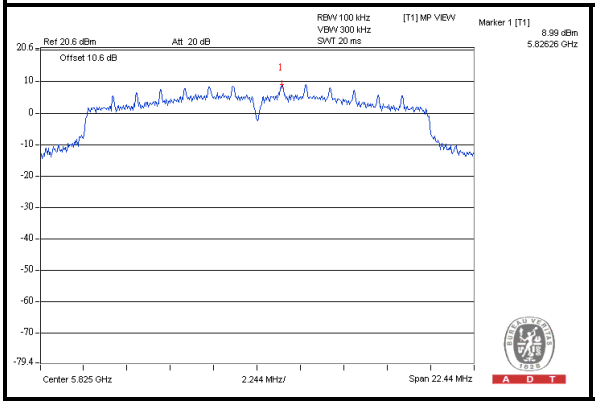


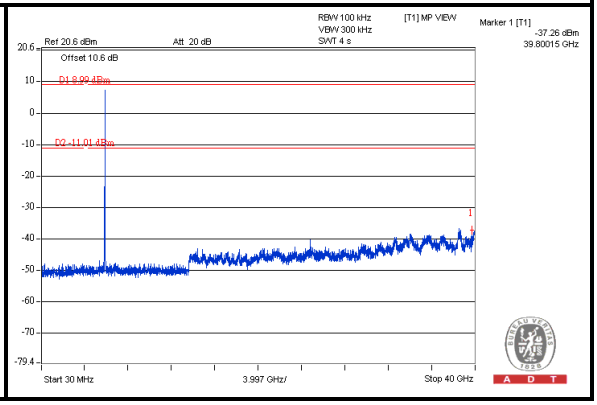
CH 157





CH 165





6. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

7. 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 accredited and approved according to ISO/IEC 17025.

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

Linko EMC/RF Lab:
Tel: 886-2-26052180
Fax: 886-2-26052943

Hsin Chu EMC/RF Lab:
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

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

8. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

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

--- END ---