FCC TEST REPORT (15.247)

REPORT NO.:	RF130425C02
MODEL NO.:	7260HMW
FCC ID:	E2K7260WY
RECEIVED:	Apr. 25, 2013
TESTED:	May 4 ~ 10, 2013
ISSUED:	Jun. 24, 2013

APPLICANT:	Dell Inc.
ADDRESS:	One Dell Way Round Rock Texas 78682

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
LAB LOCATION:	No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF130425C02	Original release	Jun. 24, 2013

1. CERTIFICATION

PRODUCT:	Model 7260HMW Wireless Network Adapter
MODEL NO.:	7260HMW
BRAND:	WYSE
APPLICANT:	Dell Inc.
TESTED:	May 4 ~ 10, 2013
TEST SAMPLE:	Production Unit
STANDARDS:	**FCC Part 15, Subpart C (Section 15.247)**
	ANSI C63.10-2009

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

PREPARED BY : Annie Chang , **DATE:** Jun. 24, 2013

(Annie Chang / Supervisor)

APPROVED BY : Ken Liu , **DATE:** Jun. 24, 2013

(Ken Liu / Senior Manager)

2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.247)			
STANDARD SECTION	**TEST TYPE**	**RESULT**	**REMARK**
15.247(d) 15.209	Radiated Emissions	PASS	Meet the requirement of limit. Minimum passing margin is -1.1dB at 4924.00MHz.

2.1 MEASUREMENT UNCERTAINTY

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

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	30MHz ~ 1GHz	4.30 dB
	Above 1GHz	3.36 dB

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

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

EUT	Model 7260HMW Wireless Network Adapter	
MODEL NO.	7260HMW	
NOMINAL VOLTAGE	3.3Vdc from PCI-Express slot	
MODULATION TYPE	**WLAN**	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
	Bluetooth LE4.0	GFSK
	Bluetooth EDR	GFSK, π/4-DQPSK, 8DPSK
MODULATION TECHNOLOGY	**WLAN**	DSSS, OFDM
	Bluetooth LE4.0	DTS
	Bluetooth EDR	FHSS
TRANSFER RATE	**WLAN**	802.11b:11/5.5/2/1Mbps 802.11g: 54/48/36/24/18/12/9/6Mbps 802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 300Mbps 802.11ac: 866.7Mbps
	Bluetooth LE4.0	1Mbps
	Bluetooth EDR	1/2/3Mbps
OPERATING FREQUENCY	**WLAN**	**2.4GHz:** 2412 ~ 2462MHz **5.0GHz:** 5745 ~ 5825MHz
	Bluetooth LE4.0	2402 ~ 2480MHz
	Bluetooth EDR	2402 ~ 2480MHz
NUMBER OF CHANNEL	**WLAN**	**2.4GHz:** 802.11b, 802.11g, 802.11n (20MHz): 11 802.11n (40MHz): 7 **5.0GHz:** 802.11a, 802.11n (20MHz): 5 802.11n (40MHz): 2 802.11ac (80MHz): 1
	Bluetooth LE4.0	40
	Bluetooth EDR	79
ANTENNA TYPE	Dipole antenna with 2dBi gain	
DATA CABLE	NA	
I/O PORTS	Refer to user's manual	
ACCESSORY DEVICES	Adapter	

NOTE:

1. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

MODULATION MODE	TX FUNCTION
802.11b	1TX
802.11g	1TX
802.11a	1TX
802.11n (20MHz)	2TX
802.11n (40MHz)	2TX
802.11ac (80MHz)	2TX

2. The platform of EUT uses following adapter:

BRAND	APD
MODEL	NB-65B19
INPUT POWER	100-240Vac, 1.6A, 50-60Hz
OUTPUT POWER	19Vdc, 3.42A
POWER LINE	AC 1.7m, non-shielded cable, without ferrite core DC 1.7m, non-shielded cable, with one ferrite core

3. The above EUT information is 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

FOR 2.4GHz:

11 channels are provided for 802.11b, 802.11g and 802.11n (20MHz):

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

7 channels are provided for 802.11n (40MHz):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
3	2422MHz	7	2442MHz
4	2427MHz	8	2447MHz
5	2432MHz	9	2452MHz
6	2437MHz		

FOR 5.0GHz (5745 ~ 5825MHz):

5 channels are provided for 802.11a, 802.11n (20MHz):

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

2 channels are provided for 802.11n (40MHz):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac (80MHz):

CHANNEL	FREQUENCY
155	5775MHz

Bluetooth LE4.0:

40 channels are provided to this EUT:

CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

Bluetooth EDR:

79 channels are provided to this EUT:

CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

3.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

FOR 2.4GHz:

EUT CONFIGURE MODE	APPLICABLE TO		DESCRIPTION
	RE≥1G	RE<1G	
A	√	√	Antenna A
B	√	√	Antenna B
C	√	√	Antenna A + Antenna B

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

RADIATED EMISSION TEST (ABOVE 1GHz):

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

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

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A & B	802.11b	1 to 11	1, 6, 11	DSSS	DBPSK	1.0
A & B	802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6.0
A ~ C	802.11n (20MHz)	1 to 11	1, 6, 11	OFDM	BPSK	6.5
A ~ C	802.11n (40MHz)	3 to 9	3, 6, 9	OFDM	BPSK	13.5

RADIATED EMISSION TEST (BELOW 1GHz):

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

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

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11b	1 to 11	1	DSSS	DBPSK	1.0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee
RE<1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee

FOR 5.0GHz (5745 ~ 5825MHz):

EUT CONFIGURE MODE	APPLICABLE TO		DESCRIPTION
	RE≥1G	RE<1G	
A	√	√	Antenna A
B	√	√	Antenna B
C	√	√	Antenna A + Antenna B

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

RADIATED EMISSION TEST (ABOVE 1GHz):

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

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

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A & B	802.11a	149 to 165	149, 157, 165	OFDM	BPSK	6.0
A ~ C	802.11n (20MHz)	149 to 165	157	OFDM	BPSK	6.5
A ~ C	802.11n (40MHz)	151 to 159	151, 159	OFDM	BPSK	13.5
A ~ C	802.11ac (80MHz)	155	155	OFDM	BPSK	58.5

RADIATED EMISSION TEST (BELOW 1GHz):

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

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

EUT CONFIGURE MODE	MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
A	802.11a	149 to 165	149	OFDM	BPSK	6.0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee
RE<1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee

Bluetooth LE4.0:

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

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

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.

EUT CONFIGURE MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
-	0 to 39	0, 20, 39	GFSK	1

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.

EUT CONFIGURE MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TYPE	DATA RATE (Mbps)
-	0 to 39	0	GFSK	1

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee
RE<1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee

Bluetooth EDR:

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

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

RADIATED EMISSION TEST (ABOVE 1 GHz):

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

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

EUT CONFIGURE MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
-	0 to 78	0, 39, 78	FHSS	GFSK	DH5
-	0 to 78	0, 39, 78	FHSS	π/4-DQPSK	DH5
-	0 to 78	0, 39, 78	FHSS	8DPSK	DH5

RADIATED EMISSION TEST (BELOW 1 GHz):

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

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

EUT CONFIGURE MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
-	0 to 78	0	FHSS	GFSK	DH5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER (SYSTEM)	TESTED BY
RE≥1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee
RE<1G	23deg. C, 75%RH	120Vac, 60Hz	Saxon Lee

3.3 DESCRIPTION OF SUPPORT UNITS

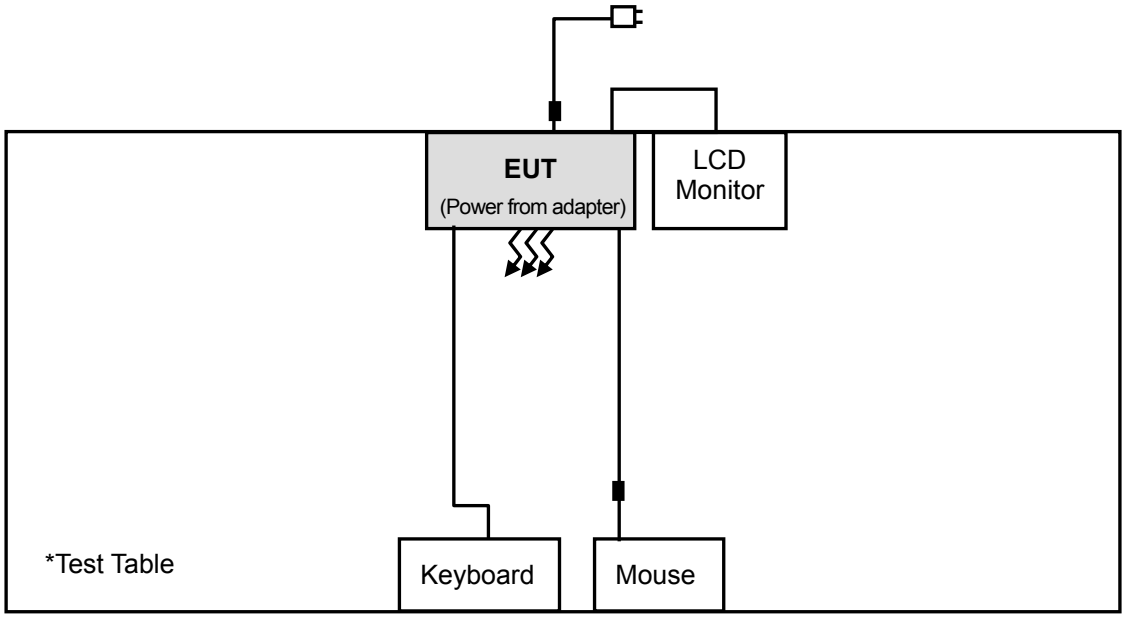
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	LCD MONITOR	DELL	U2410	CN082WXD728720 CC0KVL	FCC DoC Approved
2	USB KEYBOARD	BTC	5200U	G09302046486	E5XKB5122U
3	MOUSE	MICROSOFT	X800898	9241813-30608	FCC DoC Approved

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	1.8m braid shielded wire, DVI connector, with two cores.
2	1.5 m braid shielded wire, terminated with USB connector via drain wire, w/o core.
3	1.8 m foil shielded wire, terminated with USB connector via drain wire, with 1 core.

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

3.3.1 CONFIGURATION OF SYSTEM UNDER TEST



3.4 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 v03r01
662911 D01 Multiple Transmitter Output v01 r02
ANSI C63.10-2009

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

4. TEST TYPES AND RESULTS

4.1 RADIATED EMISSION AND BANDEDGE MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

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

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

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

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
HP Preamplifier	8447D	2432A03504	Feb. 26, 2013	Feb. 25, 2014
HP Preamplifier	8449B	3008A01201	Feb. 26, 2013	Feb. 25, 2014
Agilent Spectrum Analyzer	E4446A	MY46180403	Jun. 13, 2012	Jun. 12, 2013
ROHDE & SCHWARZ Test Receiver	ESCS 30	838251/021	Oct. 11, 2012	Oct. 10, 2013
Schwarzbeck Antenna	VULB 9168	137	Mar. 20, 2013	Mar. 19, 2014
Schwarzbeck Antenna	VHBA 9123	480	May 22, 2012	May 21, 2013
ADT. Turn Table	TT100	0306	NA	NA
ADT. Tower	AT100	0306	NA	NA
Software	ADT_Radiated_V 7.6.15.9.2	NA	NA	NA
SUHNER RF cable	SF102	CABLE-CH6	Aug. 19, 2012	Aug. 18, 2013
Schwarzbeck Horn Antenna	BBHA 9120-D1	D130	May 18, 2012	May 17, 2013
Highpass filter Wainwright Instruments	WHK 3.1/18G-10SS	SN 8	NA	NA

NOTE: 1. The calibration interval of the above test instruments is 12/24 months. And the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in Chamber No. 6.
4. The Industry Canada Reference No. IC 7450E-6.
5. The FCC Site Registration No. is 447212.

4.1.3 TEST PROCEDURES

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

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

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

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

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

f. If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

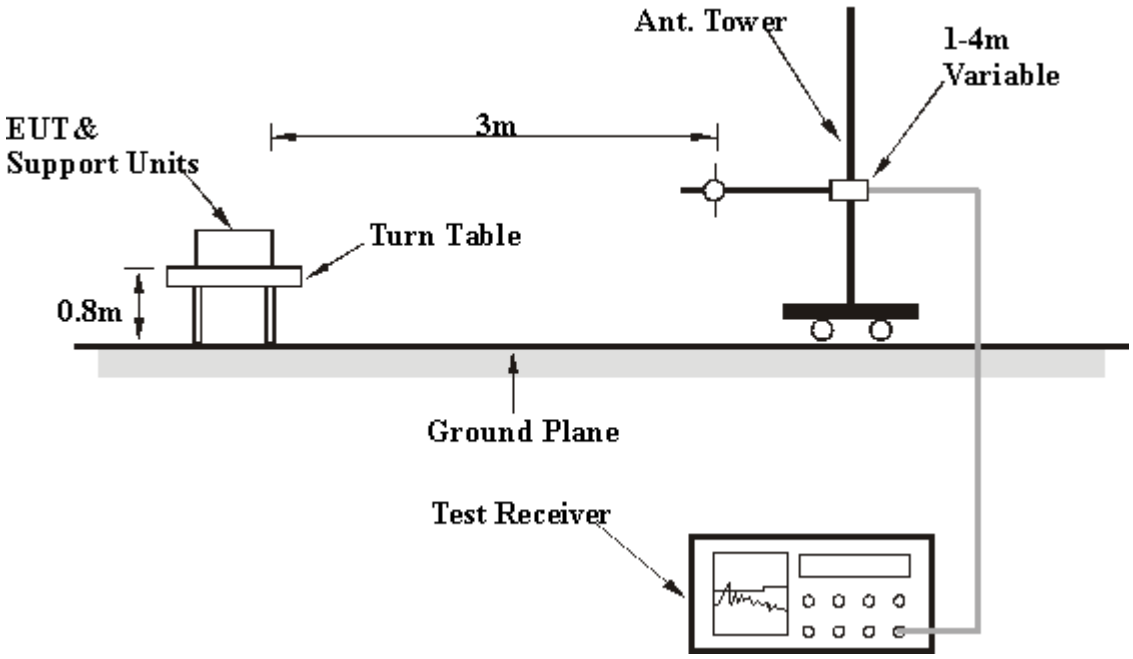
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 100kHz and video bandwidth is 300kHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 1kHz for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation.

4.1.5 TEST SETUP



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

4.1.6 EUT OPERATING CONDITIONS

a. Connected the EUT to AC adapter.
b. Set the EUT under transmitting condition.

4.1.7 TEST RESULTS (FOR 2.4GHz BAND)

802.11b

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.1 PK	74.0	-12.9	1.22 H	277	28.86	32.25
2	2390.00	50.5 AV	54.0	-3.5	1.22 H	277	18.27	32.25
3	*2412.00	104.8 PK			1.22 H	277	72.43	32.35
4	*2412.00	100.9 AV			1.22 H	277	68.54	32.35
5	4824.00	45.0 PK	74.0	-29.0	1.15 H	67	5.59	39.43
6	4824.00	36.3 AV	54.0	-17.8	1.15 H	67	-3.18	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	1.18 V	207	26.86	32.25
2	2390.00	48.7 AV	54.0	-5.3	1.18 V	207	16.46	32.25
3	*2412.00	103.6 PK			1.18 V	207	71.21	32.35
4	*2412.00	99.8 AV			1.18 V	207	67.42	32.35
5	4824.00	50.2 PK	74.0	-23.8	1.02 V	275	10.80	39.43
6	4824.00	46.6 AV	54.0	-7.4	1.02 V	275	7.17	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	104.2 PK			1.22 H	276	71.72	32.46
2	*2437.00	100.4 AV			1.22 H	276	67.97	32.46
3	4874.00	45.7 PK	74.0	-28.3	1.14 H	71	6.14	39.55
4	4874.00	37.8 AV	54.0	-16.2	1.14 H	71	-1.77	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	104.8 PK			1.19 V	209	72.32	32.46
2	*2437.00	101.0 AV			1.19 V	209	68.52	32.46
3	4874.00	52.3 PK	74.0	-21.7	1.04 V	283	12.74	39.55
4	4874.00	49.7 AV	54.0	-4.3	1.04 V	283	10.19	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	102.7 PK			1.18 H	276	70.12	32.58
2	*2462.00	99.1 AV			1.18 H	276	66.50	32.58
3	2483.50	59.3 PK	74.0	-14.7	1.18 H	276	26.62	32.67
4	2483.50	46.9 AV	54.0	-7.1	1.18 H	276	14.24	32.67
5	4924.00	45.6 PK	74.0	-28.4	1.12 H	81	6.00	39.63
6	4924.00	40.0 AV	54.0	-14.0	1.12 H	81	0.38	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	104.5 PK			1.16 V	208	71.91	32.58
2	*2462.00	100.7 AV			1.16 V	208	68.09	32.58
3	2483.50	59.7 PK	74.0	-14.3	1.16 V	208	27.04	32.67
4	2483.50	48.2 AV	54.0	-5.8	1.16 V	208	15.52	32.67
5	4924.00	54.7 PK	74.0	-19.3	1.00 V	274	15.06	39.63
6	**4924.00**	**52.9 AV**	**54.0**	**-1.1**	**1.00 V**	**274**	**13.24**	**39.63**

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	60.6 PK	74.0	-13.4	1.46 H	91	28.35	32.25
2	2390.00	51.3 AV	54.0	-2.7	1.46 H	91	19.01	32.25
3	*2412.00	102.3 PK			1.46 H	91	69.95	32.35
4	*2412.00	98.5 AV			1.46 H	91	66.10	32.35
5	4824.00	45.7 PK	74.0	-28.3	1.00 H	336	6.28	39.43
6	4824.00	37.8 AV	54.0	-16.2	1.00 H	336	-1.60	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	60.8 PK	74.0	-13.2	1.15 V	105	28.58	32.25
2	2390.00	51.9 AV	54.0	-2.1	1.15 V	105	19.62	32.25
3	*2412.00	104.7 PK			1.15 V	105	72.39	32.35
4	*2412.00	101.0 AV			1.15 V	105	68.60	32.35
5	4824.00	54.3 PK	74.0	-19.7	1.02 V	276	14.83	39.43
6	4824.00	52.0 AV	54.0	-2.0	1.02 V	276	12.55	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	100.2 PK			1.37 H	83	67.78	32.46
2	*2437.00	96.5 AV			1.37 H	83	64.02	32.46
3	4874.00	45.1 PK	74.0	-28.9	1.01 H	342	5.53	39.55
4	4874.00	37.6 AV	54.0	-16.5	1.01 H	342	-2.00	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	106.1 PK			1.15 V	111	73.66	32.46
2	*2437.00	102.3 AV			1.15 V	111	69.82	32.46
3	4874.00	53.9 PK	74.0	-20.1	1.02 V	360	14.35	39.55
4	4874.00	52.1 AV	54.0	-1.9	1.02 V	360	12.53	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2462.00	99.8 PK			1.39 H	90	67.24	32.58
2	*2462.00	96.0 AV			1.39 H	90	63.44	32.58
3	2483.50	59.5 PK	74.0	-14.5	1.39 H	90	26.87	32.67
4	2483.50	47.7 AV	54.0	-6.4	1.39 H	90	14.98	32.67
5	4924.00	45.2 PK	74.0	-28.8	1.01 H	341	5.59	39.63
6	4924.00	37.6 AV	54.0	-16.4	1.01 H	341	-2.03	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	105.5 PK			1.13 V	111	72.96	32.58
2	*2462.00	101.6 AV			1.13 V	111	69.02	32.58
3	2483.50	62.3 PK	74.0	-11.7	1.13 V	111	29.67	32.67
4	2483.50	52.8 AV	54.0	-1.2	1.13 V	111	20.12	32.67
5	4924.00	54.8 PK	74.0	-19.2	1.01 V	275	15.15	39.63
6	4924.00	52.7 AV	54.0	-1.3	1.01 V	275	13.11	39.63

REMARKS:

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

802.11g

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	61.2 PK	74.0	-12.8	1.23 H	280	28.93	32.25
2	2390.00	48.7 AV	54.0	-5.3	1.23 H	280	16.43	32.25
3	*2412.00	100.0 PK			1.23 H	280	67.68	32.35
4	*2412.00	90.1 AV			1.23 H	280	57.77	32.35
5	4824.00	45.6 PK	74.0	-28.4	1.12 H	89	6.20	39.43
6	4824.00	36.9 AV	54.0	-17.1	1.12 H	89	-2.55	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	64.0 PK	74.0	-10.0	1.35 V	294	31.78	32.25
2	2390.00	49.6 AV	54.0	-4.4	1.35 V	294	17.35	32.25
3	*2412.00	106.7 PK			1.35 V	294	74.32	32.35
4	*2412.00	95.6 AV			1.35 V	294	63.28	32.35
5	4824.00	50.2 PK	74.0	-23.8	1.01 V	275	10.78	39.43
6	4824.00	46.5 AV	54.0	-7.5	1.01 V	275	7.09	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	102.7 PK			1.18 H	278	70.28	32.46
2	*2437.00	91.9 AV			1.18 H	278	59.44	32.46
3	4874.00	47.4 PK	74.0	-26.6	1.11 H	76	7.83	39.55
4	4874.00	38.5 AV	54.0	-15.5	1.11 H	76	-1.03	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	109.5 PK			1.34 V	291	76.99	32.46
2	*2437.00	99.1 AV			1.34 V	291	66.64	32.46
3	4874.00	53.4 PK	74.0	-20.6	1.02 V	276	13.87	39.55
4	4874.00	49.6 AV	54.0	-4.4	1.02 V	276	10.08	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	98.7 PK			1.16 H	277	66.13	32.58
2	*2462.00	88.8 AV			1.16 H	277	56.18	32.58
3	2483.50	61.1 PK	74.0	-13.0	1.16 H	277	28.38	32.67
4	2483.50	47.8 AV	54.0	-6.3	1.16 H	277	15.08	32.67
5	4924.00	46.4 PK	74.0	-27.6	1.12 H	79	6.73	39.63
6	4924.00	37.0 AV	54.0	-17.0	1.12 H	79	-2.65	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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			1.31 V	293	73.60	32.58
2	*2462.00	96.0 AV			1.31 V	293	63.44	32.58
3	2483.50	64.2 PK	74.0	-9.8	1.31 V	293	31.52	32.67
4	2483.50	49.3 AV	54.0	-4.7	1.31 V	293	16.66	32.67
5	4924.00	52.0 PK	74.0	-22.0	1.01 V	272	12.35	39.63
6	4924.00	47.2 AV	54.0	-6.8	1.01 V	272	7.60	39.63

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	60.9 PK	74.0	-13.1	1.42 H	91	28.61	32.25
2	2390.00	47.8 AV	54.0	-6.2	1.42 H	91	15.58	32.25
3	*2412.00	101.8 PK			1.42 H	91	69.42	32.35
4	*2412.00	91.2 AV			1.42 H	91	58.80	32.35
5	4824.00	45.5 PK	74.0	-28.5	1.02 H	324	6.09	39.43
6	4824.00	37.6 AV	54.0	-16.4	1.02 H	324	-1.80	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	61.4 PK	74.0	-12.6	1.12 V	120	29.15	32.25
2	2390.00	48.3 AV	54.0	-5.7	1.12 V	120	16.04	32.25
3	*2412.00	104.7 PK			1.12 V	120	72.33	32.35
4	*2412.00	94.6 AV			1.12 V	120	62.24	32.35
5	4824.00	53.2 PK	74.0	-20.8	1.01 V	278	13.81	39.43
6	4824.00	49.9 AV	54.0	-4.1	1.01 V	278	10.46	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	105.4 PK			1.38 H	90	72.96	32.46
2	*2437.00	94.8 AV			1.38 H	90	62.34	32.46
3	4874.00	44.9 PK	74.0	-29.1	1.01 H	321	5.38	39.55
4	4874.00	36.9 AV	54.0	-17.1	1.01 H	321	-2.68	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	107.7 PK			1.13 V	126	75.22	32.46
2	*2437.00	96.8 AV			1.13 V	126	64.36	32.46
3	4874.00	53.5 PK	74.0	-20.5	1.02 V	283	13.99	39.55
4	4874.00	52.0 AV	54.0	-2.0	1.02 V	283	12.43	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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			1.36 H	92	71.54	32.58
2	*2462.00	93.0 AV			1.36 H	92	60.44	32.58
3	2483.50	61.7 PK	74.0	-12.3	1.36 H	92	29.03	32.67
4	2483.50	48.0 AV	54.0	-6.0	1.36 H	92	15.34	32.67
5	4924.00	46.1 PK	74.0	-27.9	1.00 H	319	6.49	39.63
6	4924.00	37.6 AV	54.0	-16.4	1.00 H	319	-2.00	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	105.1 PK			1.10 V	119	72.54	32.58
2	*2462.00	94.5 AV			1.10 V	119	61.87	32.58
3	2483.50	62.8 PK	74.0	-11.3	1.10 V	119	30.08	32.67
4	2483.50	48.8 AV	54.0	-5.2	1.10 V	119	16.12	32.67
5	4924.00	54.0 PK	74.0	-20.0	1.02 V	276	14.40	39.63
6	4924.00	51.7 AV	54.0	-2.3	1.02 V	276	12.05	39.63

REMARKS:

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

802.11n (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	1.23 H	282	29.78	32.25
2	2390.00	48.3 AV	54.0	-5.7	1.23 H	282	16.06	32.25
3	*2412.00	102.7 PK			1.23 H	282	70.36	32.35
4	*2412.00	92.0 AV			1.23 H	282	59.68	32.35
5	4824.00	47.6 PK	74.0	-26.4	1.10 H	92	8.19	39.43
6	4824.00	38.9 AV	54.0	-15.1	1.10 H	92	-0.52	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	-7.6	1.36 V	292	34.20	32.25
2	2390.00	50.1 AV	54.0	-3.9	1.36 V	292	17.81	32.25
3	*2412.00	108.3 PK			1.36 V	292	75.95	32.35
4	*2412.00	97.9 AV			1.36 V	292	65.54	32.35
5	4824.00	52.5 PK	74.0	-21.5	1.00 V	278	13.05	39.43
6	4824.00	48.7 AV	54.0	-5.3	1.00 V	278	9.31	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	104.9 PK			1.19 H	279	72.40	32.46
2	*2437.00	94.4 AV			1.19 H	279	61.91	32.46
3	4874.00	48.6 PK	74.0	-25.4	1.12 H	79	9.01	39.55
4	4874.00	39.6 AV	54.0	-14.4	1.12 H	79	0.06	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	111.6 PK			1.31 V	292	79.18	32.46
2	*2437.00	101.2 AV			1.31 V	292	68.77	32.46
3	4874.00	55.6 PK	74.0	-18.4	1.01 V	281	16.07	39.55
4	4874.00	51.2 AV	54.0	-2.8	1.01 V	281	11.68	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2462.00	101.3 PK			1.15 H	278	68.72	32.58
2	*2462.00	90.3 AV			1.15 H	278	57.70	32.58
3	2483.50	59.7 PK	74.0	-14.3	1.15 H	278	27.03	32.67
4	2483.50	48.1 AV	54.0	-5.9	1.15 H	278	15.44	32.67
5	4924.00	49.5 PK	74.0	-24.6	1.10 H	78	9.82	39.63
6	4924.00	40.1 AV	54.0	-13.9	1.10 H	78	0.48	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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			1.30 V	293	75.14	32.58
2	*2462.00	98.2 AV			1.30 V	293	65.66	32.58
3	2483.50	67.5 PK	74.0	-6.5	1.30 V	293	34.79	32.67
4	2483.50	50.7 AV	54.0	-3.3	1.30 V	293	18.03	32.67
5	4924.00	52.6 PK	74.0	-21.4	1.02 V	274	12.99	39.63
6	4924.00	48.1 AV	54.0	-5.9	1.02 V	274	8.48	39.63

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	1.40 H	90	35.01	32.25
2	2390.00	49.6 AV	54.0	-4.4	1.40 H	90	17.36	32.25
3	*2412.00	103.3 PK			1.40 H	90	70.92	32.35
4	*2412.00	92.3 AV			1.40 H	90	59.96	32.35
5	4824.00	47.4 PK	74.0	-26.6	1.01 H	323	7.98	39.43
6	4824.00	39.4 AV	54.0	-14.7	1.01 H	323	-0.08	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	67.4 PK	74.0	-6.6	1.08 V	121	35.15	32.25
2	2390.00	50.5 AV	54.0	-3.5	1.08 V	121	18.21	32.25
3	*2412.00	104.7 PK			1.08 V	121	72.32	32.35
4	*2412.00	94.4 AV			1.08 V	121	62.07	32.35
5	4824.00	53.4 PK	74.0	-20.6	1.02 V	274	13.98	39.43
6	4824.00	50.0 AV	54.0	-4.0	1.02 V	274	10.53	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	105.7 PK			1.36 H	91	73.27	32.46
2	*2437.00	94.9 AV			1.36 H	91	62.42	32.46
3	4874.00	44.9 PK	74.0	-29.1	1.00 H	318	5.32	39.55
4	4874.00	36.7 AV	54.0	-17.3	1.00 H	318	-2.83	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	106.9 PK			1.12 V	127	74.45	32.46
2	*2437.00	96.7 AV			1.12 V	127	64.26	32.46
3	4874.00	52.7 PK	74.0	-21.3	1.01 V	280	13.12	39.55
4	4874.00	50.9 AV	54.0	-3.1	1.01 V	280	11.33	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	102.9 PK			1.40 H	88	70.36	32.58
2	*2462.00	92.8 AV			1.40 H	88	60.22	32.58
3	2483.50	64.6 PK	74.0	-9.4	1.40 H	88	31.94	32.67
4	2483.50	48.2 AV	54.0	-5.8	1.40 H	88	15.57	32.67
5	4924.00	45.0 PK	74.0	-29.1	1.01 H	320	5.32	39.63
6	4924.00	35.8 AV	54.0	-18.2	1.01 H	320	-3.84	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2462.00	105.2 PK			1.10 V	122	72.62	32.58
2	*2462.00	97.0 AV			1.10 V	122	64.42	32.58
3	2483.50	63.8 PK	74.0	-10.2	1.10 V	122	31.09	32.67
4	2483.50	48.6 AV	54.0	-5.4	1.10 V	122	15.96	32.67
5	4924.00	54.0 PK	74.0	-20.0	1.01 V	275	14.35	39.63
6	4924.00	51.9 AV	54.0	-2.1	1.01 V	275	12.26	39.63

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	63.4 PK	74.0	-10.6	1.39 H	81	31.11	32.25
2	2390.00	50.1 AV	54.0	-3.9	1.39 H	81	17.87	32.25
3	*2412.00	100.9 PK			1.39 H	81	68.51	32.35
4	*2412.00	89.5 AV			1.39 H	81	57.10	32.35
5	4824.00	47.0 PK	74.0	-27.0	1.12 H	96	7.56	39.43
6	4824.00	37.9 AV	54.0	-16.2	1.12 H	96	-1.58	39.43
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	66.6 PK	74.0	-7.4	1.40 V	293	34.31	32.25
2	2390.00	52.7 AV	54.0	-1.3	1.40 V	293	20.48	32.25
3	*2412.00	106.7 PK			1.40 V	293	74.37	32.35
4	*2412.00	95.5 AV			1.40 V	293	63.13	32.35
5	4824.00	53.0 PK	74.0	-21.0	1.02 V	281	13.53	39.43
6	4824.00	49.1 AV	54.0	-4.9	1.02 V	281	9.65	39.43

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	C		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	102.5 PK			1.35 H	87	70.01	32.46
2	*2437.00	90.9 AV			1.35 H	87	58.44	32.46
3	4874.00	47.7 PK	74.0	-26.4	1.11 H	83	8.10	39.55
4	4874.00	38.7 AV	54.0	-15.3	1.11 H	83	-0.84	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	108.6 PK			1.39 V	293	76.11	32.46
2	*2437.00	97.4 AV			1.39 V	293	64.97	32.46
3	4874.00	54.3 PK	74.0	-19.7	1.00 V	277	14.76	39.55
4	4874.00	50.2 AV	54.0	-3.8	1.00 V	277	10.61	39.55

REMARKS:

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

CHANNEL	TX Channel 11	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	C		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	102.8 PK			1.41 H	82	70.21	32.58
2	*2462.00	89.9 AV			1.41 H	82	57.32	32.58
3	2483.50	67.9 PK	74.0	-6.1	1.41 H	82	35.26	32.67
4	2483.50	51.3 AV	54.0	-2.7	1.41 H	82	18.62	32.67
5	4924.00	50.5 PK	74.0	-23.5	1.12 H	85	10.89	39.63
6	4924.00	41.4 AV	54.0	-12.7	1.12 H	85	1.72	39.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (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	108.7 PK			1.35 V	294	76.07	32.58
2	*2462.00	97.1 AV			1.35 V	294	64.56	32.58
3	2483.50	71.1 PK	74.0	-2.9	1.35 V	294	38.41	32.67
4	2483.50	52.5 AV	54.0	-1.5	1.35 V	294	19.83	32.67
5	4924.00	53.1 PK	74.0	-20.9	1.01 V	271	13.43	39.63
6	4924.00	48.4 AV	54.0	-5.6	1.01 V	271	8.75	39.63

REMARKS:

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

802.11n (40MHz)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	61.2 PK	74.0	-12.8	1.21 H	280	28.96	32.25
2	2390.00	48.0 AV	54.0	-6.1	1.21 H	280	15.70	32.25
3	*2422.00	97.8 PK			1.21 H	280	65.39	32.39
4	*2422.00	87.3 AV			1.21 H	280	54.87	32.39
5	4844.00	45.6 PK	74.0	-28.4	1.08 H	94	6.10	39.48
6	4844.00	37.8 AV	54.0	-16.2	1.08 H	94	-1.69	39.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	61.2 PK	74.0	-12.8	1.35 V	291	28.94	32.25
2	2390.00	48.6 AV	54.0	-5.5	1.35 V	291	16.30	32.25
3	*2422.00	103.6 PK			1.35 V	291	71.21	32.39
4	*2422.00	93.0 AV			1.35 V	291	60.62	32.39
5	4844.00	50.2 PK	74.0	-23.8	1.01 V	281	10.73	39.48
6	4844.00	46.9 AV	54.0	-7.1	1.01 V	281	7.38	39.48

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	99.2 PK			1.18 H	273	66.70	32.46
2	*2437.00	88.7 AV			1.18 H	273	56.21	32.46
3	4874.00	46.1 PK	74.0	-27.9	1.11 H	82	6.58	39.55
4	4874.00	37.5 AV	54.0	-16.5	1.11 H	82	-2.03	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	108.6 PK			1.31 V	291	76.12	32.46
2	*2437.00	98.8 AV			1.31 V	291	66.34	32.46
3	4874.00	53.7 PK	74.0	-20.4	1.00 V	279	14.10	39.55
4	4874.00	50.1 AV	54.0	-3.9	1.00 V	279	10.56	39.55

REMARKS:

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

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2452.00	99.2 PK			1.18 H	279	66.68	32.53
2	*2452.00	88.7 AV			1.18 H	279	56.21	32.53
3	2483.50	61.4 PK	74.0	-12.6	1.18 H	279	28.71	32.67
4	2483.50	47.7 AV	54.0	-6.3	1.18 H	279	15.04	32.67
5	4904.00	48.4 PK	74.0	-25.6	1.11 H	81	8.82	39.62
6	4904.00	39.1 AV	54.0	-14.9	1.11 H	81	-0.54	39.62
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2452.00	105.4 PK			1.28 V	290	72.84	32.53
2	*2452.00	94.6 AV			1.28 V	290	62.05	32.53
3	2483.50	62.2 PK	74.0	-11.8	1.28 V	290	29.52	32.67
4	2483.50	48.9 AV	54.0	-5.1	1.28 V	290	16.21	32.67
5	4904.00	50.7 PK	74.0	-23.3	1.01 V	275	11.06	39.62
6	4904.00	46.5 AV	54.0	-7.5	1.01 V	275	6.92	39.62

REMARKS:

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

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	60.5 PK	74.0	-13.5	1.38 H	93	28.28	32.25
2	2390.00	47.8 AV	54.0	-6.2	1.38 H	93	15.51	32.25
3	*2422.00	97.4 PK			1.38 H	93	65.05	32.39
4	*2422.00	87.0 AV			1.38 H	93	54.59	32.39
5	4844.00	45.4 PK	74.0	-28.6	1.00 H	321	5.93	39.48
6	4844.00	38.7 AV	54.0	-15.3	1.00 H	321	-0.74	39.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	61.4 PK	74.0	-12.6	1.28 V	287	29.13	32.25
2	2390.00	48.4 AV	54.0	-5.6	1.28 V	287	16.11	32.25
3	*2422.00	101.3 PK			1.28 V	287	68.91	32.39
4	*2422.00	91.1 AV			1.28 V	287	58.66	32.39
5	4844.00	52.4 PK	74.0	-21.6	1.01 V	275	12.91	39.48
6	4844.00	48.7 AV	54.0	-5.3	1.01 V	275	9.19	39.48

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	101.0 PK			1.37 H	91	68.54	32.46
2	*2437.00	89.8 AV			1.37 H	91	57.38	32.46
3	4874.00	43.0 PK	74.0	-31.0	1.02 H	320	3.43	39.55
4	4874.00	35.4 AV	54.0	-18.6	1.02 H	320	-4.11	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	102.5 PK			1.27 V	290	70.08	32.46
2	*2437.00	92.4 AV			1.27 V	290	59.98	32.46
3	4874.00	49.6 PK	74.0	-24.4	1.00 V	277	10.08	39.55
4	4874.00	47.3 AV	54.0	-6.7	1.00 V	277	7.73	39.55

REMARKS:

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

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	B		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	100.3 PK			1.39 H	90	67.76	32.53
2	*2452.00	89.8 AV			1.39 H	90	57.24	32.53
3	2483.50	61.3 PK	74.0	-12.7	1.39 H	90	28.62	32.67
4	2483.50	47.8 AV	54.0	-6.2	1.39 H	90	15.13	32.67
5	4904.00	44.6 PK	74.0	-29.4	1.00 H	317	5.01	39.62
6	4904.00	35.2 AV	54.0	-18.8	1.00 H	317	-4.43	39.62
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2452.00	103.1 PK			1.29 V	294	70.60	32.53
2	*2452.00	92.8 AV			1.29 V	294	60.25	32.53
3	2483.50	59.6 PK	74.0	-14.4	1.29 V	294	26.94	32.67
4	2483.50	48.9 AV	54.0	-5.1	1.29 V	294	16.21	32.67
5	4904.00	50.6 PK	74.0	-23.4	1.03 V	274	11.00	39.62
6	4904.00	48.8 AV	54.0	-5.2	1.03 V	274	9.15	39.62

REMARKS:

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

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	C		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	1.19 H	279	29.54	32.25
2	2390.00	48.7 AV	54.0	-5.3	1.19 H	279	16.43	32.25
3	*2422.00	95.7 PK			1.19 H	279	63.34	32.39
4	*2422.00	85.5 AV			1.19 H	279	53.12	32.39
5	4844.00	45.1 PK	74.0	-28.9	1.11 H	95	5.64	39.48
6	4844.00	36.7 AV	54.0	-17.4	1.11 H	95	-2.83	39.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	2390.00	63.6 PK	74.0	-10.4	1.30 V	292	31.33	32.25
2	2390.00	50.7 AV	54.0	-3.3	1.30 V	292	18.45	32.25
3	*2422.00	102.5 PK			1.30 V	292	70.13	32.39
4	*2422.00	92.6 AV			1.30 V	292	60.21	32.39
5	4844.00	49.3 PK	74.0	-24.7	1.03 V	279	9.78	39.48
6	4844.00	46.1 AV	54.0	-7.9	1.03 V	279	6.63	39.48

REMARKS:

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

CHANNEL	TX Channel 6	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	C		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	98.1 PK			1.20 H	281	65.68	32.46
2	*2437.00	87.4 AV			1.20 H	281	54.98	32.46
3	4874.00	45.2 PK	74.0	-28.8	1.12 H	86	5.66	39.55
4	4874.00	36.1 AV	54.0	-17.9	1.12 H	86	-3.42	39.55
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2437.00	105.6 PK			1.27 V	291	73.15	32.46
2	*2437.00	95.4 AV			1.27 V	291	62.95	32.46
3	4874.00	49.8 PK	74.0	-24.2	1.02 V	279	10.21	39.55
4	4874.00	45.0 AV	54.0	-9.0	1.02 V	279	5.44	39.55

REMARKS:

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

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		
TEST MODE	C		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	97.4 PK			1.19 H	278	64.86	32.53
2	*2452.00	87.2 AV			1.19 H	278	54.65	32.53
3	2483.50	62.0 PK	74.0	-12.0	1.19 H	278	29.36	32.67
4	2483.50	48.0 AV	54.0	-6.0	1.19 H	278	15.29	32.67
5	4904.00	48.4 PK	74.0	-25.6	1.11 H	82	8.80	39.62
6	4904.00	39.2 AV	54.0	-14.8	1.11 H	82	-0.41	39.62
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*2452.00	105.6 PK			1.29 V	291	73.04	32.53
2	*2452.00	95.0 AV			1.29 V	291	62.48	32.53
3	2483.50	66.5 PK	74.0	-7.5	1.29 V	291	33.81	32.67
4	2483.50	51.8 AV	54.0	-2.3	1.29 V	291	19.08	32.67
5	4904.00	51.2 PK	74.0	-22.8	1.02 V	276	11.59	39.62
6	4904.00	46.5 AV	54.0	-7.5	1.02 V	276	6.90	39.62

REMARKS:

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

BELOW 1GHz WORST-CASE DATA：802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Quasi-Peak
FREQUENCY RANGE	30MHz ~ 1GHz		
TEST MODE	A		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	71.71	17.8 QP	40.0	-22.2	1.47 H	255	5.43	12.41
2	121.18	16.6 QP	43.5	-26.9	1.44 H	109	4.52	12.05
3	408.30	25.9 QP	46.0	-20.1	1.04 H	148	7.21	18.72
4	623.64	25.1 QP	46.0	-20.9	1.03 H	19	0.87	24.19
5	719.67	27.0 QP	46.0	-19.0	1.08 H	35	1.60	25.40
6	839.95	29.2 QP	46.0	-16.8	1.04 H	288	1.75	27.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	71.71	17.8 QP	40.0	-22.2	1.07 V	295	5.42	12.41
2	242.43	17.3 QP	46.0	-28.7	1.11 V	186	3.96	13.33
3	408.30	25.0 QP	46.0	-21.0	1.05 V	16	6.30	18.72
4	770.11	36.2 QP	46.0	-9.8	1.05 V	208	9.56	26.68
5	815.70	32.9 QP	46.0	-13.1	1.06 V	297	5.59	27.29
6	924.34	34.7 QP	46.0	-11.3	1.55 V	207	6.02	28.66

REMARKS:

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

4.1.8 TEST RESULTS (FOR 5.0GHz BAND)

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	67.5 PK	83.1	-15.6	1.02 H	120	26.27	41.21
2	#5725.00	52.4 AV	72.7	-20.3	1.02 H	120	11.22	41.21
3	*5745.00	103.1 PK			1.02 H	120	61.86	41.23
4	*5745.00	92.7 AV			1.02 H	120	51.47	41.23
5	11490.00	53.8 PK	74.0	-20.2	1.08 H	151	1.77	52.00
6	11490.00	40.3 AV	54.0	-13.7	1.08 H	151	-11.68	52.00
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	71.1 PK	90.1	-19.0	1.05 V	288	29.87	41.21
2	#5725.00	52.2 AV	79.7	-27.5	1.05 V	288	10.98	41.21
3	*5745.00	110.1 PK			1.05 V	288	68.89	41.23
4	*5745.00	99.7 AV			1.05 V	288	58.47	41.23
5	11490.00	54.8 PK	74.0	-19.2	1.06 V	295	2.76	52.00
6	11490.00	41.4 AV	54.0	-12.6	1.06 V	295	-10.63	52.00

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	103.0 PK			1.00 H	124	61.69	41.29
2	*5785.00	92.8 AV			1.00 H	124	51.50	41.29
3	11570.00	53.7 PK	74.0	-20.3	1.07 H	149	1.76	51.93
4	11570.00	40.2 AV	54.0	-13.8	1.07 H	149	-11.72	51.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5785.00	109.1 PK			1.04 V	286	67.84	41.29
2	*5785.00	98.9 AV			1.04 V	286	57.58	41.29
3	11570.00	54.7 PK	74.0	-19.3	1.07 V	292	2.75	51.93
4	11570.00	41.3 AV	54.0	-12.7	1.07 V	292	-10.61	51.93

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	99.3 PK			1.02 H	126	57.90	41.39
2	*5825.00	88.5 AV			1.02 H	126	47.11	41.39
3	#5850.00	56.4 PK	79.3	-22.9	1.02 H	126	14.88	41.47
4	#5850.00	40.4 AV	68.5	-28.1	1.02 H	126	-1.03	41.47
5	11650.00	53.5 PK	74.0	-20.6	1.08 H	150	1.79	51.66
6	11650.00	40.1 AV	54.0	-13.9	1.08 H	150	-11.60	51.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5825.00	108.9 PK			1.05 V	281	67.47	41.39
2	*5825.00	98.4 AV			1.05 V	281	57.03	41.39
3	#5850.00	67.1 PK	88.9	-21.8	1.05 V	281	25.60	41.47
4	#5850.00	49.4 AV	78.4	-29.0	1.05 V	281	7.94	41.47
5	11650.00	53.8 PK	74.0	-20.2	1.07 V	293	2.12	51.66
6	11650.00	40.3 AV	54.0	-13.7	1.07 V	293	-11.36	51.66

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	67.8 PK	83.0	-15.2	1.05 H	78	26.60	41.21
2	#5725.00	52.3 AV	72.3	-20.0	1.05 H	78	11.12	41.21
3	*5745.00	103.0 PK			1.05 H	78	61.77	41.23
4	*5745.00	92.3 AV			1.05 H	78	51.08	41.23
5	11490.00	54.5 PK	74.0	-19.6	1.19 H	236	2.45	52.00
6	11490.00	40.4 AV	54.0	-13.6	1.19 H	236	-11.64	52.00
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	71.0 PK	89.7	-18.6	1.02 V	81	29.82	41.21
2	#5725.00	52.7 AV	79.6	-26.9	1.02 V	81	11.48	41.21
3	*5745.00	109.7 PK			1.02 V	81	68.43	41.23
4	*5745.00	99.6 AV			1.02 V	81	58.38	41.23
5	11490.00	54.2 PK	74.0	-19.9	1.00 V	297	2.15	52.00
6	11490.00	39.9 AV	54.0	-14.1	1.00 V	297	-12.06	52.00

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	99.9 PK			1.04 H	76	58.64	41.29
2	*5785.00	89.6 AV			1.04 H	76	48.29	41.29
3	11570.00	53.5 PK	74.0	-20.5	1.09 H	196	1.61	51.93
4	11570.00	39.7 AV	54.0	-14.3	1.09 H	196	-12.25	51.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5785.00	107.9 PK			1.01 V	80	66.56	41.29
2	*5785.00	97.1 AV			1.01 V	80	55.80	41.29
3	11570.00	54.4 PK	74.0	-19.6	1.03 V	356	2.45	51.93
4	11570.00	40.2 AV	54.0	-13.9	1.03 V	356	-11.78	51.93

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (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	101.0 PK			1.13 H	76	59.59	41.39
2	*5825.00	90.6 AV			1.13 H	76	49.23	41.39
3	#5850.00	60.1 PK	81.0	-20.9	1.13 H	76	18.60	41.47
4	#5850.00	44.3 AV	70.6	-26.4	1.13 H	76	2.79	41.47
5	11650.00	54.0 PK	74.0	-20.0	1.14 H	208	2.38	51.66
6	11650.00	40.2 AV	54.0	-13.9	1.14 H	208	-11.51	51.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5825.00	107.9 PK			1.00 V	81	66.55	41.39
2	*5825.00	97.9 AV			1.00 V	81	56.55	41.39
3	#5850.00	70.2 PK	87.9	-17.7	1.00 V	81	28.74	41.47
4	#5850.00	52.1 AV	77.9	-25.9	1.00 V	81	10.62	41.47
5	11650.00	53.5 PK	74.0	-20.5	1.02 V	329	1.84	51.66
6	11650.00	39.7 AV	54.0	-14.3	1.02 V	329	-11.93	51.66

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

802.11n (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	58.7 PK	80.4	-21.8	1.03 H	78	17.44	41.21
2	#5725.00	42.2 AV	70.6	-28.4	1.03 H	78	1.00	41.21
3	*5785.00	100.4 PK			1.03 H	78	59.13	41.29
4	*5785.00	90.6 AV			1.03 H	78	49.34	41.29
5	#5850.00	57.2 PK	80.4	-23.3	1.03 H	78	15.69	41.47
6	#5850.00	41.9 AV	70.6	-28.7	1.03 H	78	0.42	41.47
7	11570.00	52.4 PK	74.0	-21.6	1.04 H	147	0.43	51.93
8	11570.00	38.8 AV	54.0	-15.2	1.04 H	147	-13.14	51.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	66.8 PK	86.0	-19.2	1.03 V	98	25.58	41.21
2	#5725.00	50.4 AV	75.9	-25.5	1.03 V	98	9.17	41.21
3	*5785.00	106.0 PK			1.03 V	98	64.69	41.29
4	*5785.00	95.9 AV			1.03 V	98	54.58	41.29
5	#5850.00	67.0 PK	86.0	-19.0	1.03 V	98	25.51	41.47
6	#5850.00	47.9 AV	75.9	-28.0	1.03 V	98	6.40	41.47
7	11570.00	52.4 PK	74.0	-21.6	1.01 V	277	0.46	51.93
8	11570.00	38.9 AV	54.0	-15.1	1.01 V	277	-13.05	51.93

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	58.9 PK	79.9	-20.9	1.04 H	65	17.71	41.21
2	#5725.00	43.5 AV	69.5	-26.1	1.04 H	65	2.27	41.21
3	*5785.00	99.9 PK			1.04 H	65	58.56	41.29
4	*5785.00	89.5 AV			1.04 H	65	48.25	41.29
5	#5850.00	56.9 PK	79.9	-22.9	1.04 H	65	15.45	41.47
6	#5850.00	41.0 AV	69.5	-28.6	1.04 H	65	-0.51	41.47
7	11570.00	54.4 PK	74.0	-19.6	1.08 H	252	2.44	51.93
8	11570.00	41.0 AV	54.0	-13.1	1.08 H	252	-10.98	51.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	66.9 PK	87.0	-20.1	1.02 V	61	25.66	41.21
2	#5725.00	50.4 AV	76.8	-26.4	1.02 V	61	9.22	41.21
3	*5785.00	107.0 PK			1.02 V	61	65.70	41.29
4	*5785.00	96.8 AV			1.02 V	61	55.55	41.29
5	#5850.00	67.2 PK	87.0	-19.8	1.02 V	61	25.68	41.47
6	#5850.00	49.0 AV	76.8	-27.9	1.02 V	61	7.52	41.47
7	11570.00	55.2 PK	74.0	-18.8	1.03 V	71	3.27	51.93
8	11570.00	41.4 AV	54.0	-12.6	1.03 V	71	-10.51	51.93

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	57.9 PK	77.2	-19.3	1.07 H	82	16.67	41.21
2	#5725.00	42.6 AV	65.6	-23.0	1.07 H	82	1.35	41.21
3	*5785.00	97.2 PK			1.07 H	83	55.93	41.29
4	*5785.00	85.6 AV			1.07 H	83	44.31	41.29
5	#5850.00	56.8 PK	77.2	-20.4	1.07 H	83	15.37	41.47
6	#5850.00	40.7 AV	65.6	-24.9	1.07 H	83	-0.80	41.47
7	11570.00	52.5 PK	74.0	-21.5	1.06 H	239	0.59	51.93
8	11570.00	38.9 AV	54.0	-15.2	1.06 H	239	-13.08	51.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	65.4 PK	84.5	-19.1	1.00 V	271	24.15	41.21
2	#5725.00	49.6 AV	74.6	-25.0	1.00 V	271	8.36	41.21
3	*5785.00	104.5 PK			1.00 V	271	63.21	41.29
4	*5785.00	94.6 AV			1.00 V	271	53.28	41.29
5	#5850.00	66.1 PK	84.5	-18.4	1.00 V	271	24.62	41.47
6	#5850.00	47.8 AV	74.6	-26.8	1.00 V	271	6.28	41.47
7	11570.00	53.3 PK	74.0	-20.7	1.04 V	83	1.41	51.93
8	11570.00	39.6 AV	54.0	-14.4	1.04 V	83	-12.32	51.93

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

802.11n (40MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	62.4 PK	75.8	-13.4	1.08 H	294	21.17	41.21
2	#5725.00	48.9 AV	65.5	-16.6	1.08 H	294	7.70	41.21
3	*5755.00	95.8 PK			1.08 H	294	54.56	41.25
4	*5755.00	85.5 AV			1.08 H	294	44.29	41.25
5	11510.00	54.6 PK	74.0	-19.4	1.02 H	153	2.61	52.02
6	11510.00	40.8 AV	54.0	-13.2	1.02 H	153	-11.26	52.02
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5725.00	67.2 PK	83.2	-16.0	1.05 V	288	26.00	41.21
2	#5725.00	53.0 AV	72.3	-19.4	1.05 V	288	11.76	41.21
3	*5755.00	103.2 PK			1.05 V	288	61.99	41.25
4	*5755.00	92.3 AV			1.05 V	288	51.07	41.25
5	11510.00	54.8 PK	74.0	-19.2	1.01 V	78	2.81	52.02
6	11510.00	40.6 AV	54.0	-13.4	1.01 V	78	-11.40	52.02

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	94.6 PK			1.08 H	294	53.29	41.30
2	*5795.00	84.1 AV			1.08 H	294	42.81	41.30
3	#5850.00	57.3 PK	74.6	-17.3	1.08 H	294	15.84	41.47
4	#5850.00	43.1 AV	64.1	-21.0	1.08 H	294	1.66	41.47
5	11590.00	54.6 PK	74.0	-19.4	1.00 H	99	2.67	51.90
6	11590.00	40.7 AV	54.0	-13.3	1.00 H	99	-11.22	51.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	103.1 PK			1.04 V	287	61.79	41.30
2	*5795.00	93.2 AV			1.04 V	287	51.85	41.30
3	#5850.00	52.9 PK	83.1	-30.2	1.04 V	287	11.38	41.47
4	#5850.00	38.6 AV	73.2	-34.6	1.04 V	287	-2.92	41.47
5	11590.00	54.8 PK	74.0	-19.2	1.02 V	95	2.91	51.90
6	11590.00	40.9 AV	54.0	-13.1	1.02 V	95	-10.98	51.90

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	62.3 PK	75.0	-12.7	1.04 H	82	21.13	41.21
2	#5725.00	48.1 AV	64.8	-16.7	1.04 H	82	6.91	41.21
3	*5755.00	95.0 PK			1.04 H	82	53.77	41.25
4	*5755.00	84.8 AV			1.04 H	82	43.53	41.25
5	11510.00	54.5 PK	74.0	-19.5	1.03 H	142	2.51	52.02
6	11510.00	40.6 AV	54.0	-13.4	1.03 H	142	-11.38	52.02
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	67.8 PK	82.0	-14.3	1.00 V	84	26.56	41.21
2	#5725.00	52.3 AV	71.4	-19.1	1.00 V	84	11.06	41.21
3	*5755.00	102.0 PK			1.00 V	84	60.78	41.25
4	*5755.00	91.4 AV			1.00 V	84	50.14	41.25
5	11510.00	54.8 PK	74.0	-19.2	1.00 V	208	2.76	52.02
6	11510.00	40.7 AV	54.0	-13.4	1.00 V	208	-11.37	52.02

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	95.4 PK			1.03 H	64	54.09	41.30
2	*5795.00	84.9 AV			1.03 H	64	43.57	41.30
3	#5850.00	58.1 PK	75.4	-17.3	1.03 H	64	16.59	41.47
4	#5850.00	44.3 AV	64.9	-20.6	1.03 H	64	2.81	41.47
5	11590.00	54.6 PK	74.0	-19.4	1.06 H	133	2.67	51.90
6	11590.00	40.7 AV	54.0	-13.3	1.06 H	133	-11.16	51.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	102.4 PK			1.00 V	88	61.13	41.30
2	*5795.00	91.4 AV			1.00 V	88	50.11	41.30
3	#5850.00	53.5 PK	82.4	-28.9	1.00 V	88	12.02	41.47
4	#5850.00	39.2 AV	71.4	-32.3	1.00 V	88	-2.31	41.47
5	11590.00	54.8 PK	74.0	-19.2	1.05 V	238	2.87	51.90
6	11590.00	41.1 AV	54.0	-12.9	1.05 V	238	-10.84	51.90

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	60.0 PK	70.4	-10.4	1.16 H	300	18.81	41.21
2	#5725.00	46.2 AV	59.1	-12.9	1.16 H	300	5.02	41.21
3	*5755.00	90.4 PK			1.16 H	300	49.14	41.25
4	*5755.00	79.1 AV			1.16 H	300	37.87	41.25
5	11510.00	54.7 PK	74.0	-19.3	1.08 H	137	2.70	52.02
6	11510.00	40.9 AV	54.0	-13.1	1.08 H	137	-11.08	52.02
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	#5725.00	67.9 PK	82.3	-14.4	1.00 V	303	26.71	41.21
2	#5725.00	52.9 AV	70.5	-17.7	1.00 V	303	11.64	41.21
3	*5755.00	102.3 PK			1.00 V	303	61.06	41.25
4	*5755.00	90.5 AV			1.00 V	303	49.28	41.25
5	11510.00	55.2 PK	74.0	-18.8	1.00 V	225	3.16	52.02
6	11510.00	41.5 AV	54.0	-12.5	1.00 V	225	-10.56	52.02

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	92.8 PK			1.09 H	300	51.54	41.30
2	*5795.00	81.2 AV			1.09 H	300	39.89	41.30
3	#5850.00	56.3 PK	72.8	-16.6	1.09 H	300	14.80	41.47
4	#5850.00	45.5 AV	61.2	-15.7	1.09 H	300	4.06	41.47
5	11590.00	54.6 PK	74.0	-19.4	1.03 H	168	2.71	51.90
6	11590.00	40.6 AV	54.0	-13.4	1.03 H	168	-11.27	51.90
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	*5795.00	99.9 PK			1.05 V	304	58.64	41.30
2	*5795.00	88.4 AV			1.05 V	304	47.07	41.30
3	#5850.00	51.3 PK	79.9	-28.7	1.05 V	304	9.79	41.47
4	#5850.00	37.4 AV	68.4	-31.0	1.05 V	304	-4.09	41.47
5	11590.00	55.1 PK	74.0	-18.9	1.09 V	221	3.19	51.90
6	11590.00	41.3 AV	54.0	-12.7	1.09 V	221	-10.63	51.90

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.
7. "#":The radiated frequency is out the restricted band.

802.11ac (80MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	61.1 PK	74.0	-12.9	1.22 H	302	19.93	41.21
2	5725.00	46.1 AV	54.0	-7.9	1.22 H	302	4.86	41.21
3	*5775.00	89.9 PK			1.22 H	302	48.63	41.28
4	*5775.00	78.7 AV			1.22 H	302	37.44	41.28
5	5850.00	51.0 PK	74.0	-23.0	1.22 H	302	9.56	41.47
6	5850.00	34.6 AV	54.0	-19.4	1.22 H	302	-6.89	41.47
7	11550.00	54.8 PK	74.0	-19.2	1.00 H	219	2.82	51.96
8	11550.00	42.2 AV	54.0	-11.8	1.00 H	219	-9.77	51.96
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	69.7 PK	74.0	-4.3	1.06 V	304	28.45	41.21
2	5725.00	52.3 AV	54.0	-1.7	1.06 V	304	11.10	41.21
3	*5775.00	98.4 PK			1.06 V	304	57.11	41.28
4	*5775.00	87.9 AV			1.06 V	304	46.59	41.28
5	5850.00	58.5 PK	74.0	-15.5	1.06 V	304	16.99	41.47
6	5850.00	40.6 AV	54.0	-13.4	1.06 V	304	-0.90	41.47
7	11550.00	55.2 PK	74.0	-18.8	1.07 V	65	3.22	51.96
8	11550.00	43.1 AV	54.0	-10.9	1.07 V	65	-8.87	51.96

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	62.8 PK	74.0	-11.2	1.05 H	65	21.63	41.21
2	5725.00	47.9 AV	54.0	-6.1	1.05 H	65	6.72	41.21
3	*5775.00	92.0 PK			1.05 H	65	50.67	41.28
4	*5775.00	81.6 AV			1.05 H	65	40.34	41.28
5	5850.00	53.3 PK	74.0	-20.7	1.05 H	65	11.82	41.47
6	5850.00	36.9 AV	54.0	-17.1	1.05 H	65	-4.56	41.47
7	11550.00	55.1 PK	74.0	-19.0	1.12 H	152	3.09	51.96
8	11550.00	42.6 AV	54.0	-11.4	1.12 H	152	-9.32	51.96
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	69.6 PK	74.0	-4.4	1.02 V	76	28.37	41.21
2	5725.00	52.5 AV	54.0	-1.5	1.02 V	76	11.30	41.21
3	*5775.00	98.1 PK			1.02 V	76	56.81	41.28
4	*5775.00	87.4 AV			1.02 V	76	46.08	41.28
5	5850.00	58.4 PK	74.0	-15.6	1.02 V	76	16.90	41.47
6	5850.00	40.6 AV	54.0	-13.4	1.02 V	76	-0.85	41.47
7	11550.00	55.4 PK	74.0	-18.6	1.00 V	273	3.41	51.96
8	11550.00	43.4 AV	54.0	-10.7	1.00 V	273	-8.61	51.96

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	62.9 PK	74.0	-11.1	1.04 H	111	21.71	41.21
2	5725.00	45.7 AV	54.0	-8.3	1.04 H	111	4.47	41.21
3	*5775.00	92.0 PK			1.04 H	111	50.72	41.28
4	*5775.00	79.3 AV			1.04 H	111	37.97	41.28
5	5850.00	53.2 PK	74.0	-20.8	1.04 H	111	11.70	41.47
6	5850.00	50.8 AV	54.0	-3.2	1.04 H	111	9.32	41.47
7	11550.00	54.7 PK	74.0	-19.3	1.05 H	330	2.72	51.96
8	11550.00	42.6 AV	54.0	-11.4	1.05 H	330	-9.33	51.96
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	5725.00	67.0 PK	74.0	-7.0	1.00 V	85	25.82	41.21
2	5725.00	52.1 AV	54.0	-1.9	1.00 V	85	10.90	41.21
3	*5775.00	98.1 PK			1.00 V	85	56.81	41.28
4	*5775.00	85.5 AV			1.00 V	85	44.22	41.28
5	5850.00	60.1 PK	74.0	-13.9	1.00 V	85	18.66	41.47
6	5850.00	38.0 AV	54.0	-16.0	1.00 V	85	-3.44	41.47
7	11550.00	55.2 PK	74.0	-18.8	1.00 V	201	3.22	51.96
8	11550.00	43.3 AV	54.0	-10.7	1.00 V	201	-8.69	51.96

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The limit value is defined as per 15.247.

BELOW 1GHz WORST-CASE DATA

802.11a

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 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	41.64	13.2 QP	40.0	-26.8	1.48 H	10	-0.37	13.57
2	110.51	13.3 QP	43.5	-30.3	1.53 H	111	1.76	11.49
3	288.02	16.2 QP	46.0	-29.8	1.06 H	104	0.52	15.67
4	450.98	21.3 QP	46.0	-24.7	1.02 H	33	0.88	20.38
5	623.64	25.1 QP	46.0	-20.9	1.12 H	19	0.87	24.19
6	839.95	29.2 QP	46.0	-16.8	1.00 H	288	1.75	27.48
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	**FREQ. (MHz)**	**EMISSION LEVEL (dBuV/m)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA HEIGHT (m)**	**TABLE ANGLE (Degree)**	**RAW VALUE (dBuV)**	**CORRECTION FACTOR (dB/m)**
1	56.19	15.0 QP	40.0	-25.0	1.08 V	315	1.06	13.97
2	131.85	13.8 QP	43.5	-29.8	1.53 V	96	0.52	13.23
3	288.02	16.7 QP	46.0	-29.3	1.03 V	109	1.04	15.67
4	604.24	23.5 QP	46.0	-22.5	1.11 V	123	-0.09	23.60
5	797.27	27.9 QP	46.0	-18.1	1.47 V	322	0.97	26.94
6	935.01	27.7 QP	46.0	-18.3	1.39 V	247	-0.99	28.73

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) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

4.1.9 TEST RESULTS (FOR BLUETOOTH LE4.0)

ABOVE 1GHz DATA

CHANNEL	TX Channel 0	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	58.5 PK	74.0	-15.5	1.18 H	278	26.25	32.25
2	2390.00	45.9 AV	54.0	-8.1	1.18 H	278	13.61	32.25
3	*2402.00	97.0 PK			1.18 H	278	64.66	32.30
4	*2402.00	93.2 AV			1.18 H	278	60.87	32.30
5	4804.00	43.1 PK	74.0	-30.9	1.12 H	198	3.68	39.38
6	4804.00	32.2 AV	54.0	-21.8	1.12 H	198	-7.17	39.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	58.8 PK	74.0	-15.2	1.15 V	140	26.54	32.25
2	2390.00	46.8 AV	54.0	-7.2	1.15 V	140	14.52	32.25
3	*2402.00	100.0 PK			1.15 V	140	67.66	32.30
4	*2402.00	95.6 AV			1.15 V	140	63.34	32.30
5	4804.00	48.7 PK	74.0	-25.3	1.06 V	276	9.35	39.38
6	4804.00	42.6 AV	54.0	-11.4	1.06 V	276	3.18	39.38

REMARKS:

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

CHANNEL	TX Channel 20	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	*2442.00	96.6 PK			1.17 H	276	64.11	32.48
2	*2442.00	93.4 AV			1.17 H	276	60.95	32.48
3	4884.00	43.0 PK	74.0	-31.0	1.10 H	195	3.40	39.58
4	4884.00	32.2 AV	54.0	-21.8	1.10 H	195	-7.42	39.58
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2442.00	101.7 PK			1.16 V	138	69.26	32.48
2	*2442.00	97.6 AV			1.16 V	138	65.09	32.48
3	4884.00	48.6 PK	74.0	-25.4	1.05 V	278	9.04	39.58
4	4884.00	42.4 AV	54.0	-11.6	1.05 V	278	2.79	39.58

REMARKS:

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

CHANNEL	TX Channel 39	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	*2480.00	98.0 PK			1.16 H	277	65.38	32.66
2	*2480.00	94.1 AV			1.16 H	277	61.44	32.66
3	2483.50	58.5 PK	74.0	-15.5	1.16 H	277	25.82	32.67
4	2483.50	46.3 AV	54.0	-7.7	1.16 H	277	13.63	32.67
5	4960.00	47.2 PK	74.0	-26.8	1.13 H	197	7.57	39.66
6	4960.00	36.6 AV	54.0	-17.4	1.13 H	197	-3.05	39.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	102.2 PK			1.12 V	141	69.55	32.66
2	*2480.00	98.0 AV			1.12 V	141	65.37	32.66
3	2483.50	60.4 PK	74.0	-13.7	1.12 V	141	27.68	32.67
4	2483.50	47.7 AV	54.0	-6.3	1.12 V	141	15.06	32.67
5	4960.00	48.9 PK	74.0	-25.1	1.06 V	273	9.23	39.66
6	4960.00	42.7 AV	54.0	-11.3	1.06 V	273	3.01	39.66

REMARKS:

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

BELOW 1GHz WORST-CASE DATA

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 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	154.16	23.9 QP	43.5	-19.6	1.12 H	178	9.07	14.79
2	308.39	23.3 QP	46.0	-22.7	1.08 H	103	7.08	16.26
3	431.58	34.3 QP	46.0	-11.7	1.12 H	151	14.50	19.77
4	615.88	34.8 QP	46.0	-11.3	1.00 H	147	10.82	23.93
5	770.11	33.6 QP	46.0	-12.4	1.03 H	73	6.96	26.68
6	924.34	33.1 QP	46.0	-12.9	1.00 H	10	4.40	28.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	31.94	21.9 QP	40.0	-18.1	1.05 V	96	9.97	11.96
2	66.86	28.4 QP	40.0	-11.6	1.00 V	223	15.79	12.62
3	431.58	38.8 QP	46.0	-7.2	1.04 V	296	19.06	19.77
4	615.88	37.5 QP	46.0	-8.5	1.07 V	284	13.60	23.93
5	770.11	39.7 QP	46.0	-6.3	1.12 V	271	13.00	26.68
6	924.34	36.0 QP	46.0	-10.1	1.00 V	231	7.29	28.66

REMARKS:

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

4.1.10 TEST RESULTS (FOR BLUETOOTH EDR)

GFSK

CHANNEL	TX Channel 0	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	58.1 PK	74.0	-15.9	1.16 H	279	25.84	32.25
2	2390.00	45.9 AV	54.0	-8.1	1.16 H	279	13.63	32.25
3	#2400.00	42.3 PK	74.5	-32.2	1.16 H	279	10.01	32.29
4	#2400.00	12.2 AV	44.4	-32.2	1.16 H	279	-20.09	32.29
5	*2402.00	94.5 PK			1.16 H	279	62.18	32.30
6	*2402.00	64.4 AV			1.16 H	279	32.08	32.30
7	4804.00	43.1 PK	74.0	-30.9	1.12 H	198	3.70	39.38
8	4804.00	13.0 AV	54.0	-41.0	1.12 H	198	-26.40	39.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	58.1 PK	74.0	-15.9	1.18 V	137	25.84	32.25
2	2390.00	46.2 AV	54.0	-7.8	1.18 V	137	13.99	32.25
3	#2400.00	42.4 PK	76.9	-34.5	1.18 V	137	10.06	32.29
4	#2400.00	12.3 AV	46.8	-34.5	1.18 V	137	-20.04	32.29
5	*2402.00	96.9 PK			1.18 V	137	64.55	32.30
6	*2402.00	66.8 AV			1.18 V	137	34.45	32.30
7	4804.00	46.1 PK	74.0	-27.9	1.00 V	284	6.71	39.38
8	4804.00	16.0 AV	54.0	-38.0	1.00 V	284	-23.39	39.38

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).
8. "#":The radiated frequency is out the restricted band.

CHANNEL	TX Channel 39	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	*2441.00	94.6 PK			1.18 H	277	62.13	32.48
2	*2441.00	64.5 AV			1.18 H	277	32.03	32.48
3	4882.00	42.1 PK	74.0	-31.9	1.10 H	223	2.56	39.58
4	4882.00	12.0 AV	54.0	-42.0	1.10 H	223	-27.54	39.58
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2441.00	99.5 PK			1.15 V	139	67.05	32.48
2	*2441.00	69.4 AV			1.15 V	139	36.95	32.48
3	4882.00	46.6 PK	74.0	-27.5	1.00 V	277	6.97	39.58
4	4882.00	16.5 AV	54.0	-37.6	1.00 V	277	-23.13	39.58

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

CHANNEL	TX Channel 78	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	*2480.00	95.9 PK			1.15 H	278	63.23	32.66
2	*2480.00	65.8 AV			1.15 H	278	33.13	32.66
3	2483.50	38.6 PK	74.0	-35.4	1.15 H	278	5.92	32.67
4	2483.50	8.5 AV	54.0	-45.5	1.15 H	278	-24.18	32.67
5	4960.00	43.3 PK	74.0	-30.7	1.11 H	201	3.63	39.66
6	4960.00	13.2 AV	54.0	-40.8	1.11 H	201	-26.47	39.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	99.8 PK			1.10 V	152	67.12	32.66
2	*2480.00	69.7 AV			1.10 V	152	37.02	32.66
3	2483.50	39.9 PK	74.0	-34.1	1.10 V	152	7.21	32.67
4	2483.50	9.8 AV	54.0	-44.2	1.10 V	152	-22.89	32.67
5	4960.00	46.4 PK	74.0	-27.6	1.02 V	279	6.78	39.66
6	4960.00	16.3 AV	54.0	-37.7	1.02 V	279	-23.32	39.66

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

π/4-DQPSK

CHANNEL	TX Channel 0	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	58.5 PK	74.0	-15.5	1.17 H	278	26.24	32.25
2	2390.00	45.7 AV	54.0	-8.3	1.17 H	278	13.45	32.25
3	#2400.00	43.6 PK	76.1	-32.4	1.17 H	278	11.35	32.29
4	#2400.00	13.5 AV	46.0	-32.4	1.17 H	278	-18.75	32.29
5	*2402.00	96.1 PK			1.17 H	278	63.77	32.30
6	*2402.00	66.0 AV			1.17 H	278	33.67	32.30
7	4804.00	43.4 PK	74.0	-30.6	1.13 H	189	4.04	39.38
8	4804.00	13.3 AV	54.0	-40.7	1.13 H	189	-26.06	39.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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	58.5 PK	74.0	-15.6	1.15 V	116	26.20	32.25
2	2390.00	46.3 AV	54.0	-7.7	1.15 V	116	14.09	32.25
3	#2400.00	46.2 PK	79.7	-33.5	1.15 V	116	13.87	32.29
4	#2400.00	16.1 AV	49.6	-33.5	1.15 V	116	-16.23	32.29
5	*2402.00	99.7 PK			1.15 V	116	67.36	32.30
6	*2402.00	69.6 AV			1.15 V	116	37.26	32.30
7	4804.00	48.2 PK	74.0	-25.8	1.04 V	277	8.79	39.38
8	4804.00	18.1 AV	54.0	-35.9	1.04 V	277	-21.31	39.38

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).
8. "#":The radiated frequency is out the restricted band.

CHANNEL	TX Channel 39	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	*2441.00	95.7 PK			1.16 H	277	63.18	32.48
2	*2441.00	65.6 AV			1.16 H	277	33.08	32.48
3	4882.00	43.1 PK	74.0	-30.9	1.12 H	191	3.50	39.58
4	4882.00	13.0 AV	54.0	-41.0	1.12 H	191	-26.60	39.58
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2441.00	100.6 PK			1.13 V	140	68.10	32.48
2	*2441.00	70.5 AV			1.13 V	140	38.00	32.48
3	4882.00	47.6 PK	74.0	-26.4	1.02 V	275	8.04	39.58
4	4882.00	17.5 AV	54.0	-36.5	1.02 V	275	-22.06	39.58

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

CHANNEL	TX Channel 78	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	*2480.00	96.8 PK			1.15 H	276	64.15	32.66
2	*2480.00	66.7 AV			1.15 H	276	34.05	32.66
3	2483.50	39.0 PK	74.0	-35.0	1.15 H	276	6.34	32.67
4	2483.50	8.9 AV	54.0	-45.1	1.15 H	276	-23.76	32.67
5	4960.00	43.2 PK	74.0	-30.8	1.11 H	185	3.58	39.66
6	4960.00	13.1 AV	54.0	-40.9	1.11 H	185	-26.52	39.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	100.9 PK			1.12 V	143	68.19	32.66
2	*2480.00	70.8 AV			1.12 V	143	38.09	32.66
3	2483.50	41.2 PK	74.0	-32.9	1.12 V	143	8.48	32.67
4	2483.50	11.1 AV	54.0	-43.0	1.12 V	143	-21.62	32.67
5	4960.00	48.5 PK	74.0	-25.5	1.05 V	271	8.88	39.66
6	4960.00	18.4 AV	54.0	-35.6	1.05 V	271	-21.22	39.66

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

8DPSK

CHANNEL	TX Channel 0	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	1.17 H	278	24.42	32.25
2	2390.00	45.6 AV	54.0	-8.4	1.17 H	278	13.34	32.25
3	#2400.00	43.8 PK	76.2	-32.4	1.17 H	278	11.46	32.29
4	#2400.00	13.7 AV	46.1	-32.4	1.17 H	278	-18.64	32.29
5	*2402.00	96.2 PK			1.17 H	278	63.85	32.30
6	*2402.00	66.1 AV			1.17 H	278	33.75	32.30
7	4804.00	43.4 PK	74.0	-30.6	1.11 H	203	4.01	39.38
8	4804.00	13.3 AV	54.0	-40.7	1.11 H	203	-26.09	39.38
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (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 V	117	26.03	32.25
2	2390.00	46.6 AV	54.0	-7.4	1.15 V	117	14.32	32.25
3	#2400.00	45.4 PK	80.2	-34.8	1.15 V	117	13.14	32.29
4	#2400.00	15.3 AV	50.2	-34.9	1.15 V	117	-16.96	32.29
5	*2402.00	100.2 PK			1.15 V	117	67.93	32.30
6	*2402.00	70.2 AV			1.15 V	117	37.93	32.30
7	4804.00	48.2 PK	74.0	-25.8	1.02 V	274	8.84	39.38
8	4804.00	18.1 AV	54.0	-35.9	1.02 V	274	-21.26	39.38

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).
8. "#":The radiated frequency is out the restricted band.

CHANNEL	TX Channel 39	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	*2441.00	96.6 PK			1.18 H	278	64.13	32.48
2	*2441.00	66.5 AV			1.18 H	278	34.03	32.48
3	4882.00	43.9 PK	74.0	-30.1	1.09 H	187	4.31	39.58
4	4882.00	13.8 AV	54.0	-40.2	1.09 H	187	-25.79	39.58
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2441.00	101.6 PK			1.13 V	132	69.13	32.48
2	*2441.00	71.5 AV			1.13 V	132	39.03	32.48
3	4882.00	48.5 PK	74.0	-25.5	1.03 V	272	8.93	39.58
4	4882.00	18.4 AV	54.0	-35.6	1.03 V	272	-21.17	39.58

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

CHANNEL	TX Channel 78	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	*2480.00	97.4 PK			1.16 H	277	64.71	32.66
2	*2480.00	67.3 AV			1.16 H	277	34.61	32.66
3	2483.50	40.5 PK	74.0	-33.5	1.16 H	277	7.80	32.67
4	2483.50	10.4 AV	54.0	-43.6	1.16 H	277	-22.30	32.67
5	4960.00	43.6 PK	74.0	-30.4	1.10 H	192	3.98	39.66
6	4960.00	13.5 AV	54.0	-40.5	1.10 H	192	-26.12	39.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2480.00	101.4 PK			1.10 V	142	68.72	32.66
2	*2480.00	71.3 AV			1.10 V	142	38.62	32.66
3	2483.50	43.2 PK	74.0	-30.8	1.10 V	142	10.51	32.67
4	2483.50	13.1 AV	54.0	-40.9	1.10 V	142	-19.59	32.67
5	4960.00	48.5 PK	74.0	-25.5	1.02 V	259	8.86	39.66
6	4960.00	18.4 AV	54.0	-35.6	1.02 V	259	-21.24	39.66

REMARKS:

1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Pre-Amplifier Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. The DH5 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625 * 5 per 296.25 ms per channel. Therefore, the duty cycle correlation factor be equal to: 20log(3.125 / 100)= -30.1 dB.
7. Average value = peak reading + 20log(duty cycle).

BELOW 1GHz WORST-CASE DATA：GFSK

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Quasi-Peak
FREQUENCY RANGE	30MHz ~ 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	71.71	17.8 QP	40.0	-22.2	1.47 H	255	5.43	12.41
2	294.81	18.8 QP	46.0	-27.2	1.03 H	97	2.97	15.82
3	431.58	34.1 QP	46.0	-11.9	1.04 H	40	14.34	19.77
4	623.64	25.1 QP	46.0	-20.9	1.16 H	19	0.87	24.19
5	719.67	27.0 QP	46.0	-19.0	1.02 H	35	1.60	25.40
6	792.42	31.2 QP	46.0	-14.8	1.00 H	299	4.31	26.93
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	154.16	25.2 QP	43.5	-18.4	1.47 V	217	10.36	14.79
2	308.39	31.3 QP	46.0	-14.7	1.05 V	274	15.04	16.26
3	461.65	34.8 QP	46.0	-11.2	1.02 V	8	14.15	20.62
4	615.88	39.3 QP	46.0	-6.7	1.50 V	233	15.35	23.93
5	769.99	40.4 QP	46.0	-5.6	1.03 V	207	13.69	26.67
6	833.16	40.5 QP	46.0	-5.5	1.44 V	76	13.10	27.43

REMARKS:

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

5. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

6. 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:

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

7. 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---