

FCC Test Report

(Spot Check)

Report No.: RF190507C02

FCC ID: MSQI01WDX

Original FCC ID: MSQI01WD

Test Model: ASUS_I01WDX

Received Date: May 07, 2019

Test Date: May 11 ~ May 17, 2019

Issued Date: May 29, 2019

Applicant: ASUSTek COMPUTER INC.

Address: 4F, No. 150, LI-TE Rd., PEITOU, TAIPEI 112, TAIWAN

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan (R.O.C.)

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)

FCC Registration / 788550 / TW0003 Designation Number:



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Release Control Record

Issue No.	Description	Date Issued
RF190507C02	Original release	May 29, 2019



Certificate of Conformity 1

Product:	ASUS Phone
Brand:	ASUS
Test Model:	ASUS_I01WDX
Sample Status:	Identical Prototype
Applicant:	ASUSTek COMPUTER INC.
Test Date:	May 11 ~ May 17, 2019
Standards:	47 CFR FCC Part 15, Subpart C (Section 15.247)
	ANSI C63.10:2013

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

Prepared by :

Pettie Chen / Senior Specialist

Date:

May 29, 2019

Approved by :

Date: May 29, 2019

Bruce Chen / Project Engineer



2 Summary of Test Results

	47 CFR FCC Part 15, Subpart C (Section 15.247)						
FCC Clause	Test Item	Result	Remarks				
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -1.5dB at 2483.50MHz.				
15.247(b)	Conducted power	Pass	Meet the requirement of limit.				

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

2.1 Measurement Uncertainty

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

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
	9kHz ~ 30MHz	3.04 dB
Radiated Emissions up to 1 GHz	30MHz ~ 200MHz	3.86 dB
	200MHz ~1000MHz	3.87 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.



3 General Information

3.1 General Description of EUT

Product	ASUS Phone		
Brand	ASUS		
Test Model	ASUS_I01WDX		
Sample Status	Identical Prototype		
	3.85 Vdc (Battery)		
Power Supply Rating	5 or 9 Vdc (Adapter)		
	5 Vdc (Host equipment)		
Modulation Turno	CCK, DQPSK, DBPSK for DSSS		
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM		
Modulation Technology	DSSS, OFDM		
	802.11b:11/5.5/2/1Mbps		
Transfer Rate	802.11g: 54/48/36/24/18/12/9/6Mbps		
	802.11n: up to 300Mbps		
Operating Frequency	2412 ~ 2472MHz		
Number of Channel	802.11b, 802.11g, 802.11n (HT20): 13		
	802.11n (HT40): 9		
Output Power	193.325mW		
Antenna Type	Refer to Note as below		
Antenna Connector	Refer to Note as below		
Accessory Device	Refer to Note as below		
Cable Supplied	Refer to Note as below		

Note:

- 1. This report is a supplementary report to the original BV CPS report no.: RF190114C07. Exhibit prepared for FCC Spot Check Verification report, the format, test items and amount of spot-check test data are decided by applicant's engineering judgment, for more details please refer to declaration letter exhibit. Conducted power and below 1GHz radiated emission verification test based on the worst output power channel. Above 1GHz radiated emission verification test based on worst channel refer to origingal report.
- 2. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function
802.11b	2TX
802.11g	2TX
802.11n (HT20)	2TX
802.11n (HT40)	2TX

3. The EUT accessories list refers to EUT Photo.pdf.

4. The following antennas were provided to the EUT.

	Type Con		Gain (dBi)				
Ant. No.		Connector	2.4GHz	5.15-5.25 GHz	5.25-5.35 GHz	5.47-5.725 GHz	5.725-5.85 GHz
GPSL1/BT/WLAN Antenna-0	PIFA	NA	-3.5	-3.7	-4.7	-1.4	-2.5
GPSL5/WLAN Antenna-1	PIFA	NA	-2.3	-2.2	-1.1	-0.7	-0.4



3.2 Description of Test Modes

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

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

9 channels are provided for 802.11n (HT40):

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



3.2.1 Test Mode Applicability and Tested Channel Detail

Test Condition:

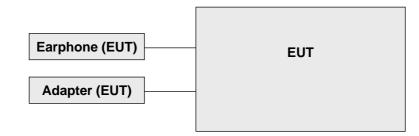
Applicable to	Environmental Conditions	Input Power	Tested by
RE≥1G	22 deg. C, 66% RH	120Vac, 60Hz	Greg Lin
RE<1G	24 deg. C, 64% RH	120Vac, 60Hz	Match Tsui
Р	25 deg. C, 60% RH	120Vac, 60Hz	Chris Lin



3.3 Description of Support Units

The EUT has been tested as an independent unit.

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) KDB 558074 D01 15.247 Meas Guidance v05r02 KDB 662911 D01 Multiple Transmitter Output v02r01 ANSI C63.10-2013

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



4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

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

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (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 9				
Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESIB/		May 29, 2018	May 28, 2019
Spectrum Analyzer ROHDE & SCHWARZ	FSU43	100115	Jan. 21, 2019	Jan. 20, 2020
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 25, 2018	Sep. 24, 2019
BILOG Antenna SCHWARZBECK	VULB9168	9168-171	Nov. 22, 2018	Nov. 21, 2019
HORN Antenna SCHWARZBECK	9120D	209	Nov. 25, 2018	Nov. 24, 2019
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 25, 2018	Nov. 24, 2019
Loop Antenna TESEQ	HLA 6121	45745	Jun. 14, 2018	Jun. 13, 2019
Preamplifier Agilent (Below 1GHz)	8447D	2944A10738	Aug. 21, 2018	Aug. 20, 2019
Preamplifier KEYSIGHT (Above 1GHz)	83017A	MY53270295	Jul. 02, 2018	Jul. 01, 2019
RF signal cable WOKEN	8D-FB	Cable-CH3-01	Aug. 21, 2018	Aug. 20, 2019
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH3-03 (223653/4)	Aug. 21, 2018	Aug. 20, 2019
RF signal cable HUBER+SUHNER& EMCI	SUCOFLEX 104&EMC104-SM-S M-8000	Cable-CH3-03 (309224+170907)	Aug. 21, 2018	Aug. 20, 2019
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	013303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021702	NA	NA
Turn Table BV ADT	TT100	TT93021702	NA	NA
Turn Table Controller BV ADT	SC100	SC93021702	NA	NA
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Nov. 14, 2018	Nov. 13, 2019
USB Wideband Power Sensor KEYSIGHT	U2021XA	MY55050005/MY5519000 4/MY55190007/MY55210 005	Jul. 17, 2018	Jul. 16, 2019

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The test was performed in HwaYa Chamber 3.
- 3. The horn antenna and preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.



4.1.3 Test Procedures

For Radiated emission below 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

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

For Radiated emission above 30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

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

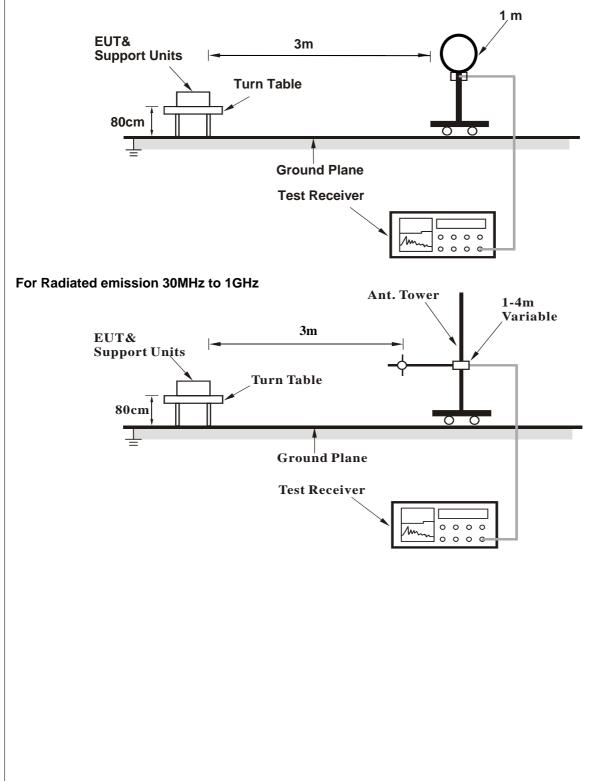
4.1.4 Deviation from Test Standard

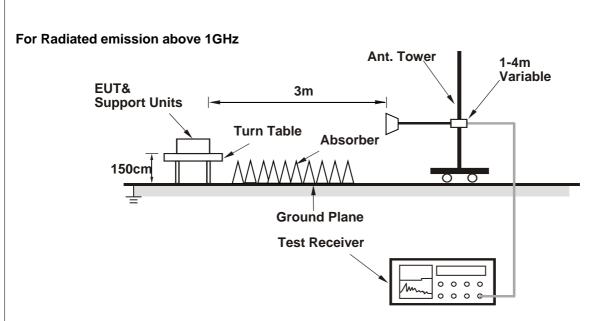
No deviation.



4.1.5 Test Setup







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

4.1.6 EUT Operating Conditions

a. Set the EUT under transmission condition continuously at specific channel frequency.



4.1.7 Test Results

Above 1GHz Data:

802.11g

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

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2472.00	91.9 PK			1.34 H	48	60.1	31.8	
2	*2472.00	81.6 AV			1.34 H	48	49.8	31.8	
3	2483.50	65.7 PK	74.0	-8.3	1.44 H	53	33.9	31.8	
4	2483.50	51.6 AV	54.0	-2.4	1.44 H	53	19.8	31.8	
5	4944.00	47.2 PK	74.0	-26.8	1.83 H	258	43.6	3.6	
6	4944.00	33.7 AV	54.0	-20.3	1.83 H	258	30.1	3.6	
		ANTENI	NA POLARIT	Y & TEST DI	STANCE: VE	RTICAL AT	3 M		
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)	
1	*2472.00	90.3 PK			1.21 V	208	58.5	31.8	
2	*2472.00	80.1 AV			1.21 V	208	48.3	31.8	
3	2483.50	66.3 PK	74.0	-7.7	1.28 V	314	34.5	31.8	
4	2483.50	52.5 AV	54.0	-1.5	1.28 V	314	20.7	31.8	
5	4944.00	46.4 PK	74.0	-27.6	1.88 V	256	42.8	3.6	
6	4944.00	33.3 AV	54.0	-20.7	1.88 V	256	29.7	3.6	

Remarks:

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



Below 1GHz worst-case data:

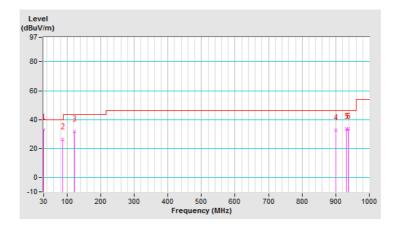
802.11n (HT20)

CHANNEL	TX Channel 11	DETECTOR	Quasi Bask (QD)
FREQUENCY RANGE	9kHz ~ 1GHz	FUNCTION	Quasi-Peak (QP)

	ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M									
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)		
1	30.97	33.2 QP	40.0	-6.8	1.99 H	66	44.7	-11.5		
2	87.23	26.5 QP	40.0	-13.5	1.99 H	52	41.2	-14.7		
3	122.15	31.6 QP	43.5	-11.9	1.49 H	116	43.1	-11.5		
4	900.09	32.8 QP	46.0	-13.2	1.49 H	262	29.8	3.0		
5	932.10	33.3 QP	46.0	-12.7	1.99 H	291	29.4	3.9		
6	936.95	33.6 QP	46.0	-12.4	1.00 H	238	29.6	4.0		

Remarks:

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

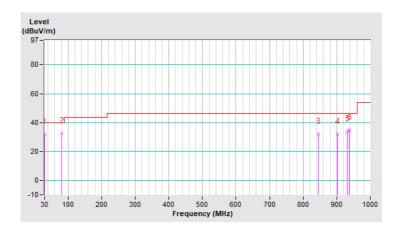


CHANNEL	TX Channel 11	DETECTOR	Oursei Deels (OD)
FREQUENCY RANGE	9kHz ~ 1GHz	FUNCTION	Quasi-Peak (QP)

	ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M									
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)		
1	30.00	32.2 QP	40.0	-7.8	1.00 V	340	43.4	-11.2		
2	80.44	32.4 QP	40.0	-7.6	1.00 V	91	46.5	-14.1		
3	844.80	32.2 QP	46.0	-13.8	1.50 V	28	29.9	2.3		
4	903.00	32.2 QP	46.0	-13.8	1.00 V	6	29.1	3.1		
5	931.13	33.8 QP	46.0	-12.2	1.49 V	97	29.9	3.9		
6	937.92	34.9 QP	46.0	-11.1	1.50 V	15	31.0	3.9		

Remarks:

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





4.2 Conducted Output Power Measurement

4.2.1 Limits of Conducted Output Power Measurement

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

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

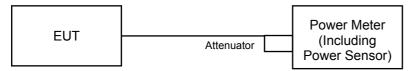
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \le 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths \geq 40 MHz for any N_{ANT};

Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \ge 5$.

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

4.2.2 Test Setup



4.2.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.2.4 Test Procedures

For Peak Power

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

For Average Power

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

4.2.5 Deviation from Test Standard

No deviation.

4.2.6 EUT Operating Conditions

Same as item 4.3.6.



4.2.7 Test Results

For Peak Power

802.11b

	Frequency	Peak Power (dBm)		Total Power	Total Power	Limit	Pass /
Channel	(MHz)	Chain 0	Chain 1	(mW)	(dBm)	(dBm)	Fail
1	2412	17.58	17.05	107.979	20.33	30.00	Pass
6	2437	18.03	16.74	110.739	20.44	30.00	Pass
11	2462	17.75	17.07	110.499	20.43	30.00	Pass
12	2467	17.78	17.41	115.060	20.61	30.00	Pass
13	2472	17.42	17.28	108.664	20.36	30.00	Pass

802.11g

Channel	Frequency	Peak Power (dBm)		Total Power	Total Power	Limit	Pass /
Channel	(MHz)	Chain 0	Chain 1	(mW)	(dBm)	(dBm)	Fail
1	2412	19.48	19.20	171.892	22.35	30.00	Pass
6	2437	19.76	18.72	169.097	22.28	30.00	Pass
11	2462	19.35	19.08	167.009	22.23	30.00	Pass
12	2467	19.50	19.30	174.239	22.41	30.00	Pass
13	2472	10.12	8.83	17.919	12.53	30.00	Pass

802.11n (HT20)

Channel	Frequency	Peak Power (dBm)		Total Power	Total Power	Limit	Pass /
Channel	(MHz)	Chain 0	Chain 1	(mW)	(dBm)	(dBm)	Fail
1	2412	20.05	19.45	189.263	22.77	30.00	Pass
6	2437	19.44	19.40	174.999	22.43	30.00	Pass
11	2462	20.00	19.70	193.325	22.86	30.00	Pass
12	2467	19.58	19.70	184.107	22.65	30.00	Pass
13	2472	9.70	9.00	17.276	12.37	30.00	Pass



802.11n (HT40)

Channel	Frequency	Peak Power (dBm)		Total Power	Total Power	Limit	Pass /
Channel	(MHz)	Chain 0	Chain 1	(mW)	(dBm)	(dBm)	Fail
3	2422	19.00	17.60	136.977	21.37	30.00	Pass
6	2437	19.32	18.10	150.072	21.76	30.00	Pass
9	2452	19.30	17.65	143.324	21.56	30.00	Pass
10	2457	18.35	18.30	135.999	21.34	30.00	Pass
11	2462	15.15	14.75	62.588	17.96	30.00	Pass



For Average Power

802.11b

Channel	Frequency (MHz)	Average Power (dBm)		Total Dower (m)()	Total Dower (dDm)
		Chain 0	Chain 1	Total Power (mW)	Total Power (dBm)
1	2412	15.82	14.75	68.048	18.33
6	2437	15.84	14.44	66.168	18.21
11	2462	15.86	14.78	68.609	18.36
12	2467	15.60	15.10	68.667	18.37
13	2472	15.16	15.01	64.505	18.10

802.11g

Channel	Frequency (MHz)	Average Power (dBm)			
		Chain 0	Chain 1	Total Power (mW)	Total Power (dBm)
1	2412	15.60	14.55	64.818	18.12
6	2437	15.64	14.40	64.186	18.07
11	2462	15.50	15.05	67.470	18.29
12	2467	15.31	14.88	64.723	18.11
13	2472	5.62	4.05	6.189	7.92

802.11n (HT20)

Channel	Frequency (MHz)	Average Power (dBm)		Total Dower (m)()	Total Dower (dDm)
		Chain 0	Chain 1	Total Power (mW)	Total Power (dBm)
1	2412	15.37	14.85	64.984	18.13
6	2437	15.70	14.61	66.060	18.20
11	2462	15.65	15.03	68.570	18.36
12	2467	15.40	14.90	65.577	18.17
13	2472	5.21	4.20	5.949	7.74

802.11n (HT40)

Channel	Frequency (MHz)	Average Power (dBm)			Tatal Dawar (dDm)
		Chain 0	Chain 1	Total Power (mW)	Total Power (dBm)
3	2422	13.53	13.10	42.960	16.33
6	2437	13.95	12.59	42.986	16.33
9	2452	13.68	12.32	40.395	16.06
10	2457	13.50	12.85	41.662	16.20
11	2462	9.95	9.02	17.865	12.52



5 Pictures of Test Arrangements

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



Appendix – Information of the Testing Laboratories

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

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