

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC150912

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FCC Radio Test Report FCC ID: 2AK4T-MOMO8

Original Grant

Report No. : TB-FCC150912

Applicant : Shenzhen Tideway Electronics Co., Ltd

Equipment Under Test (EUT)

EUT Name : Tablet PC

Model No. : MOMO8 Quad

Series No. : MOMO8 Quad-A33, SS8TAB, V801S,

GoGEN TA 8600 Quad, TAB8

Brand Name : PLOYER, SUNSTONE, GoGEN

Receipt Date : 2016-12-07

Test Date : 2016-12-08 to 2017-02-06

Issue Date : 2017-02-07

Standards : FCC Part 15, Subpart C (15.247:2016)

Test Method : ANSI C63.10: 2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above,

The EUT technically complies with the FCC and IC requirements

Test/Witness Engineer:

Approved&

Authorized

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0



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1. General Information about EUT

1.1 Client Information

Applicant: Shenzhen Tideway Electronics Co., Ltd

Address : 5F, 8#Building, Yusheng Industrial Park, Gushu, Bao'an District,

Shenzhen, Guangdong, China

Manufacturer : Shenzhen Tideway Electronics Co., Ltd

Address : 5F, 8#Building, Yusheng Industrial Park, Gushu, Bao'an District,

Shenzhen, Guangdong, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name		Tablet PC	THE PARTY OF THE P			
Models No.	-		MOMO8 Quad, MOMO8 Quad-A33, SS8TAB, V801S, GoGEN TA 8600 Quad, TAB8			
Model Difference	:	All these models are identical in the same PCB layout and electrical circuit, the only difference is model name for commercial.				
D Co	1	Operation Frequency:	802.11b/g/n(HT20): 2412MHz~2462MHz 802.11n(HT40): 2422MHz~2452MHz			
		Number of Channel:	802.11b/g/n(HT20):11 channels see note(3) 802.11n(HT40):9 channels see note(3)			
Product		RF Output Power:	802.11b: 9.27 dBm 802.11g: 8.97 dBm 802.11n (HT20): 8.88 dBm 802.11n (HT40): 8.76 dBm			
Description		Antenna Gain:	2 dBi PIFA Antenna			
TOBY	,	Modulation Type:	802.11b: DSSS(CCK, DQPSK, DBPSK) 802.11g/n:OFDM(BPSK,QPSK,16QAM, 64QAM)			
	1	Bit Rate of	802.11b:11/5.5/2/1 Mbps			
		Transmitter:	802.11g:54/48/36/24/18/12/9/6 Mbps 802.11n:up to 150Mbps			
Power Supply		DC power by USB cable. DC power by Li-ion battery. DC 5.0V by USB cable. DC 3.7V by Li-ion battery. Please refer to the User's Manual				
Power Rating	:					
Connecting I/O Port(S)	:					

Note:

(1) This Test Report is FCC Part 15.247 for 802.11b/g/n, the test procedure follows the FCC KDB 558074 D01 DTS Meas Guidance v03r05.



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(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

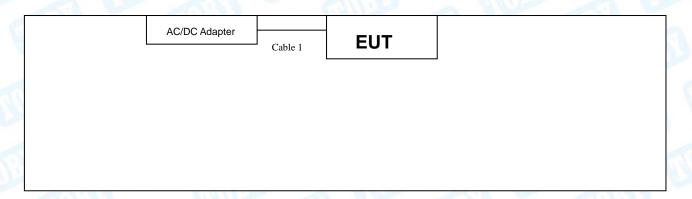
(3) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	80	2447		

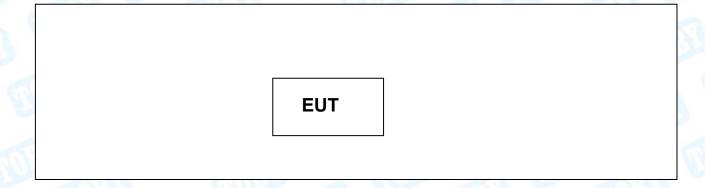
Note:CH 01~CH 11 for 802.11b/g/n(HT20) CH 03~CH 09 for 802.11n(HT40)

- (4) The Antenna information about the equipment is provided by the applicant.
- 1.3 Block Diagram Showing the Configuration of System Tested

USB Charging with TX Mode



TX Mode





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1.4 Description of Support Units

Equipment Information							
Name Model FCC ID/VOC Manufacturer Used "√				Used "√"			
AC/DC Adapter TEKA012 VOC TEKA √			1				
AC/DC Adapter:	Input:100~240V, 50/60	OHz, 0.2A. Output: 5V	′, 1A				
	Cable Information						
Number Shielded Type Ferrite Core Length Note							
Cable 1	YES	YES	0.8M	- WO 52			

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test				
Final Test Mode Description				
Mode 1 USB Charging with TX B Mode				

For Radiated Test				
Final Test Mode	Description			
Mode 2	TX Mode B Mode Channel 01/06/11			
Mode 3	TX Mode G Mode Channel 01/06/11			
Mode 4	TX Mode N(HT20) Mode Channel 01/06/11			
Mode 5	TX Mode N(HT40) Mode Channel 03/06/09			

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, Middle, lowest available channels, and the worst case data rate as follows:

802.11b Mode: CCK (1 Mbps) 802.11g Mode: OFDM (6 Mbps)

802.11n (HT20) Mode: MCS 0 (6.5 Mbps) 802.11n (HT40) Mode: MCS 0 (13 Mbps)

(2) During the testing procedure, the continuously transmitting with the maximum power



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mode was programmed by the customer.

(3) The EUT is considered a portable unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel&Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN.

Test Software Version	THE PARTY OF THE P	WLAN Test Tool	U. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Channel	CH 01	CH 06	CH 11
IEEE 802.11b DSSS	16	16	15
IEEE 802.11g OFDM	21	21	20
IEEE 802.11n (HT20)	20	20	22
Channel	CH 03	CH 06	CH 09
IEEE 802.11n (HT40)	27	27	27

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
	Level Accuracy:	NULL OF THE PARTY
Conducted Emission	9kHz~150kHz	±3.42 dB
	150kHz to 30MHz	±3.42 dB
Dadiated Emission	Level Accuracy:	. 4 CO dD
Radiated Emission	9kHz to 30 MHz	±4.60 dB
Dadiated Emission	Level Accuracy:	. 4 40 dD
Radiated Emission	30MHz to 1000 MHz	±4.40 dB
Padiated Emission	Level Accuracy:	. 4 20 dB
Radiated Emission	Above 1000MHz	±4.20 dB



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1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

FCC List No.: (811562)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 811562.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.



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2. Test Summary

	FCC Part	t 15 Subpart C(15.247)/ RSS 247	' Issue 1	
Standa	rd Section	Test Item	Judgment	Remark
FCC	IC	rest item		
15.203	1	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.205	RSS-GEN 7.2.2	Restricted Bands	PASS	N/A
15.247(a)(2)	RSS 247 5.2 (1)	6dB Bandwidth	PASS	N/A
15.247(b)	RSS 247 5.4 (4)	Peak Output Power	PASS	N/A
15.247(e)	RSS 247 5.2 (2)	Power Spectral Density	PASS	N/A
15.247(d)	RSS 247 5.5	Band Edge	PASS	N/A
15.247(d)& 15.209	RSS 247 5.5	Transmitter Radiated Spurious Emission	PASS	N/A

Note: "/" for no requirement for this test item.

N/A is an abbreviation for Not Applicable.



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3. Test Equipment

Conducte	d Emission Te	st			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 22, 2016	Jul. 21, 2017
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 22, 2016	Jul. 21, 2017
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 22, 2016	Jul. 21, 2017
LISN	Rohde & Schwarz	ENV216	101131	Jul. 22, 2016	Jul. 21, 2017
Radiation	Emission Tes	t			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 22, 2016	Jul. 21, 2017
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 22, 2016	Jul. 21, 2017
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 20, 2016	Mar. 19, 201
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar. 20, 2016	Mar. 19, 201
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 19, 2016	Mar. 18, 201
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar. 19, 2016	Mar. 18, 201
Loop Antenna	Laplace instrument	RF300	0701	Mar. 19, 2016	Mar. 18, 201
Pre-amplifier	Sonoma	310N	185903	Mar. 20, 2016	Mar. 19, 201
Pre-amplifier	HP	8447B	3008A00849	Mar. 26, 2016	Mar. 25, 201
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 26, 2016	Mar. 25, 201
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna C	Conducted Em	ission			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 22, 2016	Jul. 21, 2017
Spectrum Analyzer	Rohde & Schwarz	ESCI	100321	Jul. 22, 2016	Jul. 21, 2017
Power Meter	Anritsu	ML2495A	25406005	Jul. 22, 2016	Jul. 21, 2017
Power Sensor	Anritsu	ML2411B	25406005	Jul. 22, 2016	Jul. 21, 2017



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4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard FCC Part 15.207

4.1.2 Test Limit

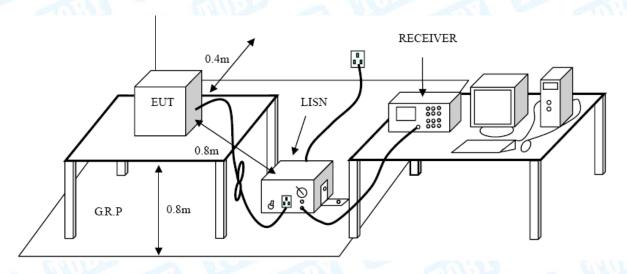
Conducted Emission Test Limit

	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.



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I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

Please see the next page.



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UT:	Tablet F	oC .	a W	Model Nan	ne:	MOM	O8 Quad
emperature:	25 ℃	can'	10	Relative H	umidity:	55%	ABOVE
est Voltage:	AC 120)V/60Hz		1	CIL	133	
erminal:	Line		AMO		63		MAL
est Mode:	USB C	narging with	n TX B Mode	•	9	2 /	A Libert
emark:	Only wo	orse case is	s reported			13	
40 40 10 0.150	0.5	Mannen	Mall-Million of the control of the c	Marine Ma	Market Spell for Market State Spell for the	QP: AVG:	30.000
No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBu∀	dB	dBuV	dBuV	dB	Detector
1 0	0.1500	38.78	9.92	48.70	65.99	-17.29	QP
2 0	0.1500	24.96	9.92	34.88	55.99	-21.11	AVG
3 * 0	0.1900	39.18	10.00	49.18	64.03	-14.85	QP
4 0	0.1900	27.86	10.00	37.86	54.03	-16.17	AVG
5 0	0.2420	29.91	10.02	39.93	62.02	-22.09	QP
6 0	0.2420	16.58	10.02	26.60	52.02	-25.42	AVC
7 0	0.5860	25.31	10.06	35.37	56.00	-20.63	QP
8 0	0.5860	13.39	10.06	23.45	46.00	-22.55	AVG
9 1	1.1820	18.84	10.06	28.90	56.00	-27.10	QP
9 1		5.73	10.06	15.79	46.00	-30.21	AVG
	1.1820	5.75					
10 1	1.1820 1.0260	20.96	10.24	31.20	60.00	-28.80	QP



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EUT:		Tablet I	PC PC		Model Nam	e :	MOM	O8 Quad
Temperat	ure:	25 ℃	Carl'	33	Relative Hu	midity:	55%	A British
Test Volta	age:	AC 120)V/60Hz		10	Call	1130	
Terminal:	1	Neutral		Alto:		1 60		THE PARTY OF
Test Mod	e:	USB C	harging with	n TX B Mod	e	2	a V	M. Comment
Remark:		Only w	orse case is	s reported				
90.0 dBuV	-Xummy	man x	Jahren X Land	Marian reproductive and for the	and the state of t	Www.acomore.com	QP: AVG:	white peak
-10		0.5		(MHz)	5			30.000
No. IV		Freq.	Reading Level	Correct Factor	Measure- ment	Limit dBuV	Over	Detector
1 *		1500	41.31	10.12	51.43		-14.56	QP
		1500	29.19	10.12	39.31		-16.68	AVG
3	0.	1900	39.06	10.12	49.18	64.03	-14.85	QP
4	0.	1900	27.66	10.12	37.78	54.03	-16.25	AVG
5	0.	2420	33.30	10.11	43.41	62.02	-18.61	QP
6	0.	2420	21.01	10.11	31.12	52.02	-20.90	AVG
7	0.	5540	27.18	10.02	37.20	56.00	-18.80	QP
- 8	0.	5540	18.73	10.02	28.75	46.00	-17.25	AVG
9	1.	0700	16.62	10.15	26.77	56.00	-29.23	QP
10	1.	0700	8.25	10.15	18.40	46.00	-27.60	AVG
11	14.	0180	19.82	10.08	29.90	60.00	-30.10	QP
12	14.	0180	10.26	10.08	20.34	50.00	-29.66	AVG
Emission	Level=	= Read L	.evel+ Corı	rect Factor				

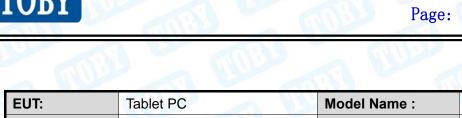


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UT:	Tablet	PC		Model Name	e:	MOMO	8 Quad
emperature:	25 ℃		13	Relative Hu	midity:	55%	
est Voltage:	AC 240	OV/60Hz	1000	18	6.1	1133	
erminal:	Line	2	Alto		1 63		
est Mode:	USB C	harging with	TX B Mod	e (1)	2	2 A	N. I. San
emark:	Only w	orse case is	reported	1	CITI'	39	
0.0 dBuV							
						QP: AVG:	
*							
W WY							
40	MAN MAN	Principle MANDA	Hallar Maray Haddau Mark	Mark is a suspendent	Harman Andrews Color	White Market	
h	* 11	ilduwAultd in	Jak Alak Alak	ing dandha Malkhaka.	7	" by	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	WARRANT AND	Maria II. a.a.				No.	White property pe
	A Shall have been	, ma, A, daddad was shaked also de a	hrand de la proposition de la	who was made that	rather the restaurant	and the same	I A
		1 1 1 1 1 1 1					The same
0							
0.150	0.5		(MHz)	5			30.000
	0.5	Panding					30.000
0.150		Reading	Correct	Measure-	Limit	Over	30.000
	Freq.	Reading Level			Limit	Over	
0.150	Freq.	Level	Correct Factor	Measure- ment			
0.150 No. Mk.	Freq.	Level	Correct Factor	Measure- ment	dBuV	dB	Detecto
0.150 No. Mk.	Freq. MHz	dBuV 41.11	Correct Factor dB	Measure- ment dBuV 51.03	dBuV 65.99 55.99	dB -14.96	Detecto QP AVC
0.150 No. Mk. 1 * 2	Freq. MHz 0.1500 0.1500	dBuV 41.11 24.78 36.40	Correct Factor dB 9.92 9.92 10.02	Measure- ment dBuV 51.03 34.70 46.42	dBuV 65.99 55.99 63.52	dB -14.96 -21.29	Detecto
0.150 No. Mk. 1 * 2 3 4	Freq. MHz 0.1500 0.1500 0.2020 0.2020	Level dBuV 41.11 24.78 36.40 20.36	Correct Factor dB 9.92 9.92 10.02 10.02	Measure- ment dBuV 51.03 34.70 46.42 30.38	dBuV 65.99 55.99 63.52 53.52	dB -14.96 -21.29 -17.10	Detecto QP AVC
0.150 No. Mk. 1 * 2 3 4 5	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2020 0.2620	Level dBuV 41.11 24.78 36.40 20.36 30.61	Correct Factor dB 9.92 9.92 10.02 10.02	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63	dBuV 65.99 55.99 63.52 53.52 61.36	dB -14.96 -21.29 -17.10 -23.14 -20.73	QP AVC QP
0.150 No. Mk. 1 * 2 3 4 5 6	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06	Correct Factor dB 9.92 9.92 10.02 10.02 10.02	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08	dBuV 65.99 55.99 63.52 53.52 61.36	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28	Detecto QP AVC QP AVC
0.150 No. Mk. 1 * 2 3 4 5 6 7	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620 0.6100	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06 27.73	Correct Factor dB 9.92 9.92 10.02 10.02 10.02 10.02	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08 37.80	dBuV 65.99 55.99 63.52 53.52 61.36 51.36	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28 -18.20	Detecto QP AVC QP AVC QP AVC
0.150 No. Mk. 1 * 2 3 4 5 6 7 8	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620 0.6100 0.6100	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06 27.73 9.60	Correct Factor dB 9.92 9.92 10.02 10.02 10.02 10.07	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08 37.80 19.67	dBuV 65.99 55.99 63.52 53.52 61.36 51.36 56.00 46.00	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28 -18.20 -26.33	Detecto QP AVC QP AVC QP AVC
0.150 No. Mk. 1 * 2 3 4 5 6 7 8 9	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620 0.6100 0.6100 1.1580	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06 27.73 9.60 23.85	Correct Factor dB 9.92 9.92 10.02 10.02 10.02 10.07 10.07	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08 37.80 19.67 33.91	dBuV 65.99 55.99 63.52 53.52 61.36 51.36 56.00 46.00	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28 -18.20 -26.33 -22.09	QP AVC QP AVC QP AVC
0.150 No. Mk. 1 * 2 3 4 5 6 7 8 9 10	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620 0.6100 0.6100 1.1580 1.1580	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06 27.73 9.60 23.85 8.52	Correct Factor dB 9.92 9.92 10.02 10.02 10.02 10.07 10.07 10.06 10.06	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08 37.80 19.67 33.91 18.58	dBuV 65.99 55.99 63.52 53.52 61.36 51.36 56.00 46.00 46.00	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28 -18.20 -26.33 -22.09 -27.42	QP AVC QP AVC QP AVC
0.150 No. Mk. 1 * 2 3 4 5 6 7 8 9 10 11 1	Freq. MHz 0.1500 0.1500 0.2020 0.2020 0.2620 0.2620 0.6100 0.6100 1.1580	Level dBuV 41.11 24.78 36.40 20.36 30.61 15.06 27.73 9.60 23.85	Correct Factor dB 9.92 9.92 10.02 10.02 10.02 10.07 10.07	Measure- ment dBuV 51.03 34.70 46.42 30.38 40.63 25.08 37.80 19.67 33.91	dBuV 65.99 55.99 63.52 53.52 61.36 51.36 56.00 46.00 46.00	dB -14.96 -21.29 -17.10 -23.14 -20.73 -26.28 -18.20 -26.33 -22.09	QP AVC QP AVC QP AVC



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EUT:		Tablet	PC	2 VS	Model Nam	ie:	MOM	O8 Quad			
emperat	ure:	25 ℃		13	Relative Hu	ımidity:	55%	ARTH			
est Volta	age:	AC 240	0V/60Hz	100		110	133				
erminal:		Neutra		MAG		63	0	MAL			
est Mod	e:	USB C	harging with	TX B Mode	e milione						
Remark:		Only w	orse case is	reported							
90.0 dBuV							QP:				
40	May		Typoline market		Landers and a second	Hormony	was a second	pe AV			
0.150		0.5	Reading	Correct	Measure-			30.000			
No. M	k.	Freq.	Level	Factor	ment	Limit	Over				
		MHz	dBu∨	dB	dBu∨	dBuV	dB	Detecto			
1	0.	.1500	41.82	10.12	51.94	65.99		QP			
2	0.	.1500	28.57	10.12	38.69	55.99	-17.30	AV			
3	0.	.1980	35.33	10.12	45.45	63.69	-18.24	QP			
4	0.	.1980	24.35	10.12	34.47	53.69	-19.22	AV			
5	0.	.5580	28.65	10.02	38.67	56.00	-17.33	QP			
6 *	0.	.5580	22.10	10.02	32.12	46.00	-13.88	AV			
7	1.	.1580	22.83	10.14	32.97	56.00	-23.03	QP			
8	1.	.1580	16.67	10.14	26.81	46.00	-19.19	AV			
9	6.	.8620	19.10	10.06	29.16	60.00	-30.84	QP			
10	6.	.8620	12.41	10.06	22.47	50.00	-27.53	AV			
		.6580	20.50	10.09	30.59	60.00		QP			
11											



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5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limits (9 kHz~1000 MHz)

Frequency (MHz	Field Strength (microvolt/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

Radiated Emission Limit (Above 1000MHz)

Frequency	Class A (dBuV	/m)(at 3 M)	Class B (dBuV/m)(at 3 M			
(MHz)	Peak	Average	Peak	Average		
Above 1000	80	60	74	54		

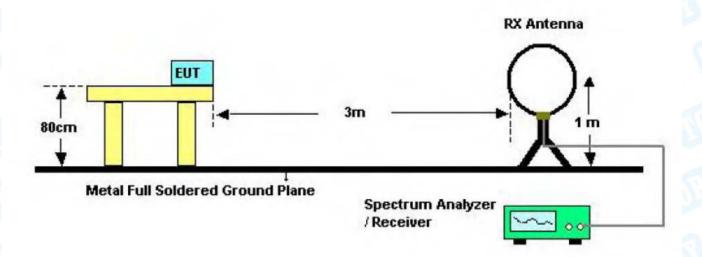
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

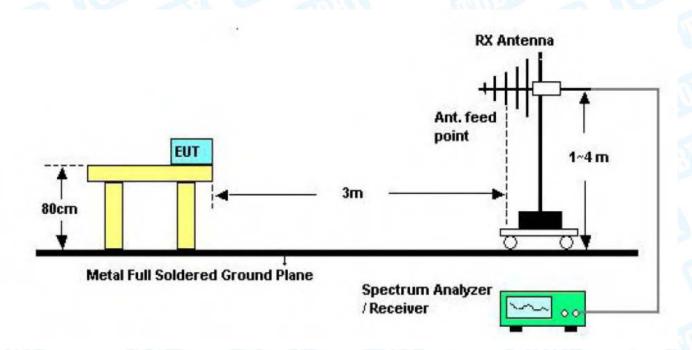


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5.2 Test Setup



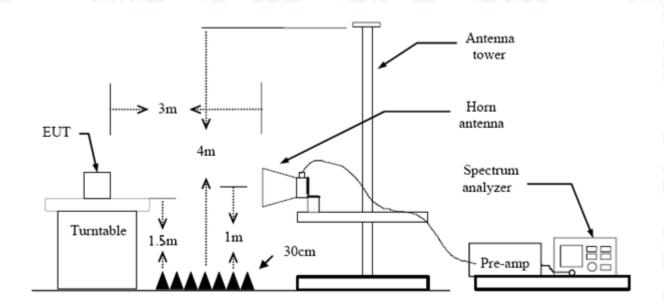
Below 30MHz Test Setup



Below 1000MHz Test Setup



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Above 1GHz Test Setup

5.3 Test Procedure

- (1) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (3) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (4) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (5) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (6) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (7) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.



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5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Test data please refer the following pages.



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9KHz~30MHz

From 9KHz to 30MHz: Conclusion: PASS

Emission Level= Read Level+ Correct Factor

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

30MHz~1GHz

EUT:			Tab	let l	PC				Мо	del:				MON	108	Qua	ad	
Temper	rature	:	25	$^{\circ}$					Rel	ativ	e Hui	midit	y:	55%	1			
Test Vo	ltage:		DC	3.7	V		6	W_{P}				BIA						
Ant. Po	ol.		Hor	izor	ntal	1	1											
Test Mo	ode:		TX	B M	lode	2412	2MHz	1	167			1						
Remark	< :		Only	y w	orse	case	is re	ported			(1)	118						
80.0 dB	uV/m		_	_												_	7	
30									X		3 X X X X X X X X X X X X X X X X X X X		CC 15C	5 X	jin -6 d	6 X		
Mayore		belleranger	ola Anglika	hy, o'flidigh th	podpovodnohom	البياد المراجعة المرا	magicalinal	ingengti ng nglawa Nood	end why	yad ^{lum}		- Maria	M. Mar	warehold by the second	MAN	THE PERSON NAMED IN COLUMN NAM		
		50	60	70	سىلىرىيار	المرياس والمعارض والمساورة	ing productive for	(MHz)	and have been		300	400	500	A Part of the Part	700		0.000	
30.000	2 safesting	50			80 Rea	ading	g C		Me		300 re-		500	A Part of the Part	700		D. 0000	
-20 30.000	40	50 Fi	60		Rea Le	ading	g C	(MHz)	: Me	asu	300 re-	400	500 it	600	700 er	1000	0.000	
-20 30.000	40 Mk.	50 Fi	eq.	70	Rea Le	ading	g C	(MHz) Correct Factor	: Me	easu nent	300 re- t	400 Lim	500 it	600 Ove	700 er	1000		
-20 30.000 No.	40 Mk.	50 Fr	eq. Hz	70	Rea Le	ading evel	g C	(MHz) Correct Factor dB/m	: Me	easu nent	300 re- t m	Lim	500 it //m	600 Ove	7700 er .45	Det p	tecto	
-20 30.000 No.	Mk.	Fr M 222.	eq. Hz 950	70	80 Rea Le dl 53	ading evel BuV 3.54	g C	(MHz) Correct Factor dB/m 18.99	: Me	easu nent BuV/i	300 re- t m 5	400 Lim dBu\d8.	500 it //m 00	600 Ove dE -11	er .45	Det p	tecto eal	
No.	40 Mk.	Fr M 222308352	60 req. Hz 950 912	70 2 6 3	80 Rea Le di 53 48 53	ading evel BuV 3.54 3.53	g C	(MHz) Correct Factor dB/m 18.99 16.31	: Me	easu ment BuV/i 34.59 32.22	300 re-t m 5	400 Lim dBu\dBu\d8.	500 it //m 00 00	600 Ove	er .45 .78 .38	Det p	tecto eal eal	
No.	40 Mk.	Fr M 222.	req. Hz 950 912 943	2 6 3	Rea Le di 533 48 533 40	ading evel BuV 3.54 3.53	g C	(MHz) Correct Factor dB/m 18.99 16.31	: Me	easu ment BuV/i 34.55	re- t m 5 2	400 Lim dBu ¹ 46. 46.	500 it //m 00 00 00	600 Ove dE -11 -13	er .45 .78 .38 .00	Det pop	tecto eal	



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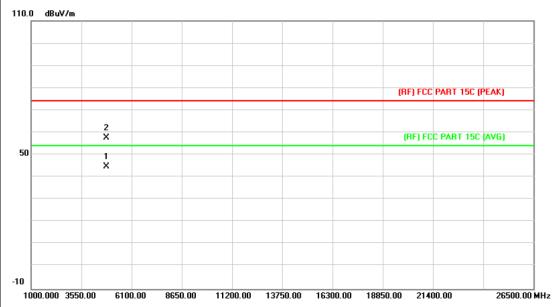
	T:			Tab	let	PC			Mode	l:			MOM	O8 Qua	ad
Ter	nperat	ure:		25	$^{\circ}\!\mathbb{C}$				Relati	ive Hu	midity:		55%		
Tes	t Volta	age:		DC	3.7	7 V			N/A		60		30		
Ant	t. Pol.			Ver	tica	d		1 1110			16				
Tes	t Mod	e:		TX	ВΝ	/lod	e 241	2MHz		1103	2	M			
Rei	mark:			Onl	ly w	ors	e cas	e is reporte	d		600				Ì
80.0	0 dBuV/	m													1
											(RF)FC	C 15C	3M Radiat		-
													Margin	-6 GB	1
						_						4	5	6	1
30												X L	¥	×	
									1 X	2	3 X	Market .	made of the last	March March March	H
	M.,									, HAMAN	Janus Armalista	P 341 *V	L. Marie		
	adamin's	der Mary	de Amari	والاروارة والمرادم	Municipality	المهميه	historia.	nontenantemente	hababababahan	, r					
															1
															1
-20 30). 000	40	50	60	70	80		(MHz)		300	400	500	600 70	0 1000.	_ . 00
					F	Rea	ading	Correct	Meas	sure-					
١	lo. M	k.	Fre	eq.	ľ		vel	Factor			Limit		Over		
			MH	Z		dE	BuV	dB/m	dBu	V/m	dBuV/	m	dB	Detec	cto
1		22	22.9	502		37	.27	-18.99	18.	28	46.0	0	-27.7	2 pea	al
2		30	2.48	812		30	0.83	-16.56	14.	27	46.0	0	-31.7	3 pea	al
3			54.18				5.14	-14.14	21.		46.0		-25.0	<u>'</u>	
4	*		30.5				3.37	-11.13	32.		46.0		-13.7		
5			70.48				'.51	-6.86	30.		46.0		-15.3		
6		87	72.18	832		35	.67	-4.71	30.	96	46.0	0	-15.0	4 pea	al



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Above 1GHz

T-I-I-4 DO		
Tablet PC	Model:	MOMO8 Quad
25 ℃	Relative Humidity:	55%
DC 3.7V		339
Horizontal		
TX B Mode 2412MHz		ARTIC
No report for the emission which limit.	h more than 10 dB belo	ow the prescribed
	25 °C DC 3.7V Horizontal TX B Mode 2412MHz No report for the emission which	25 °C Relative Humidity: DC 3.7V Horizontal TX B Mode 2412MHz No report for the emission which more than 10 dB below

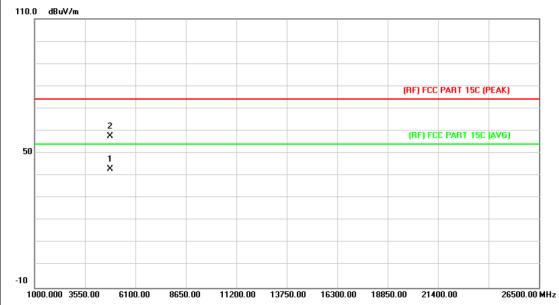


	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	1	*	4823.829	31.22	13.56	44.78	54.00	-9.22	AVG
2	2		4824.192	44.15	13.56	57.71	74.00	-16.29	peak



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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		1133
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		a William
Remark:	No report for the emission	which more than 10 dB	below the
	prescribed limit.		
1			



No	o. IV	1k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4	1824.042	29.49	13.56	43.05	54.00	-10.95	AVG
2		4	1824.963	44.22	13.56	57.78	74.00	-16.22	peak



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EUT:	Tablet PC	Model:	MOMO8 Quad			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX B Mode 2437MHz	WILLIAM STATE	J. Hilliam			
Remark:	No report for the emission wh	nich more than 10 dB b	elow the			
	prescribed limit.					

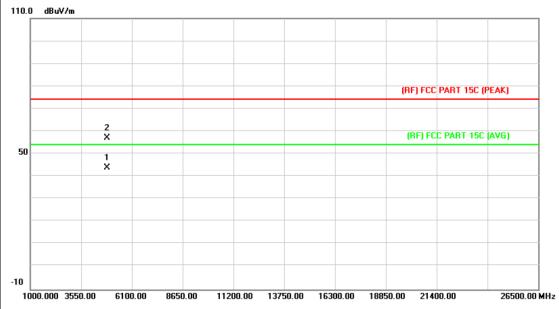


No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4872.665	29.92	13.85	43.77	54.00	-10.23	AVG
2		4873.046	43.17	13.86	57.03	74.00	-16.97	peak



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EUT:	Tablet PC	Tablet PC Model: MOMO8 C					
Temperature:	25 ℃	5 °C Relative Humidity: 55%					
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX B Mode 2437MHz		a William				
Remark:	No report for the emission	which more than 10 dB b	pelow the				
	prescribed limit.						
·							

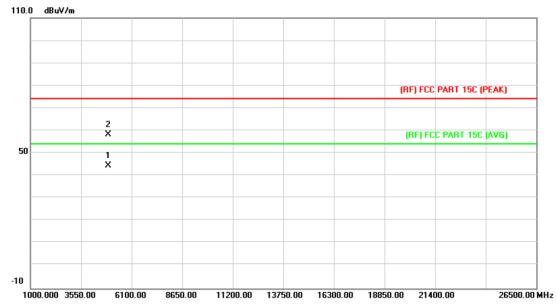


-	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		*	4873.853	29.94	13.86	43.80	54.00	-10.20	AVG
2			4875.272	43.25	13.87	57.12	74.00	-16.88	peak



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EUT:	Tablet PC	MOMO8 Quad					
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Horizontal						
Test Mode:	TX B Mode 2462MHz		All Trans				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

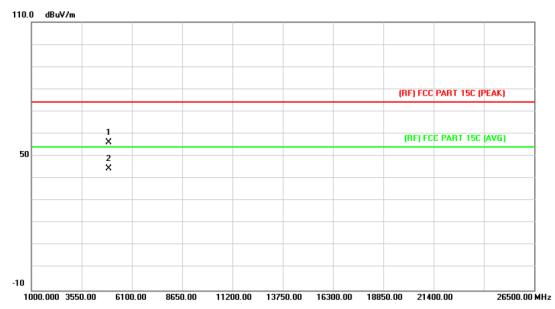


	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		*	4923.253	30.36	14.15	44.51	54.00	-9.49	AVG
2			4924.246	44.10	14.15	58.25	74.00	-15.75	peak



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EUT:	Tablet PC	MOMO8 Quad					
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX B Mode 2462MHz	WILLIAM TO	J. Hilliam				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

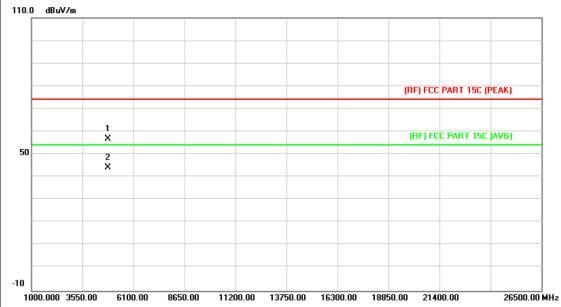


No	o. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.540	42.07	14.15	56.22	74.00	-17.78	peak
2	*	4925.365	30.28	14.16	44.44	54.00	-9.56	AVG



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EUT:	Tablet PC	ablet PC Model: MOM					
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	DC 3.7V					
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX G Mode 2412MHz		A Allen				
Remark:	k: No report for the emission which more than 10 dB below the prescribed limit.						

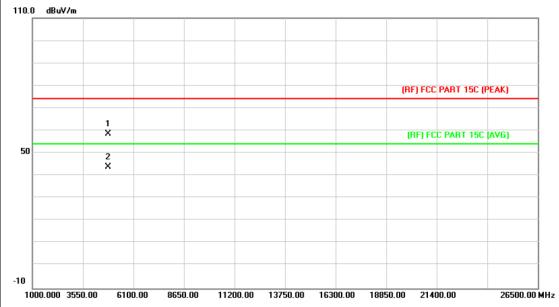


Ν	lo. I	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1			4823.586	43.16	13.56	56.72	74.00	-17.28	peak
2	*	*	4824.108	30.52	13.56	44.08	54.00	-9.92	AVG



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EUT:	Tablet PC	MOMO8 Quad					
Temperature:	25 ℃	°C Relative Humidity: 55%					
Test Voltage:	DC 3.7V						
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX G Mode 2412MHz		A HILL				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

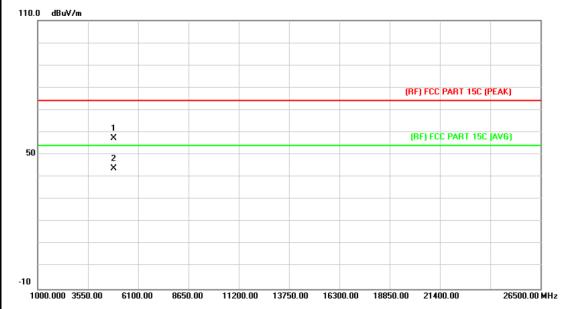


N	lo. Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4824.285	45.09	13.56	58.65	74.00	-15.35	peak
2	*	4824.664	30.37	13.56	43.93	54.00	-10.07	AVG



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Tablet PC						
Tablet FC	Model:	MOMO8 Quad				
25 ℃	Relative Humidity:	55%				
DC 3.7V						
Horizontal						
TX G Mode 2437MHz		A HILL				
No report for the emission which more than 10 dB below the						
prescribed limit.						
	25 °C DC 3.7V Horizontal TX G Mode 2437MHz No report for the emission which	25 °C Relative Humidity: DC 3.7V Horizontal TX G Mode 2437MHz No report for the emission which more than 10 dB be				

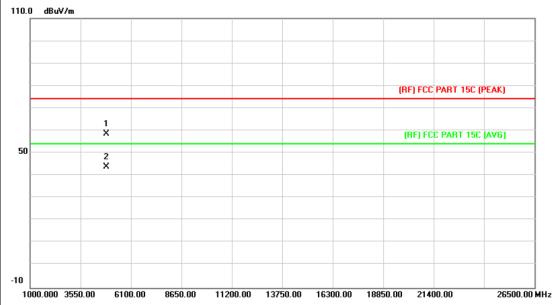


No	o. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.486	43.37	13.86	57.23	74.00	-16.77	peak
2	*	4875.290	30.09	13.87	43.96	54.00	-10.04	AVG



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Tablet PC	Model:	MOMO8 Quad					
25 ℃	Relative Humidity:	55%					
DC 3.7V	DC 3.7V						
Vertical	Vertical						
TX G Mode 2437MHz		A HILL					
No report for the emission prescribed limit.	No report for the emission which more than 10 dB below the prescribed limit.						
	25 °C DC 3.7V Vertical TX G Mode 2437MHz No report for the emission	25 °C Relative Humidity: DC 3.7V Vertical TX G Mode 2437MHz No report for the emission which more than 10 dB b					

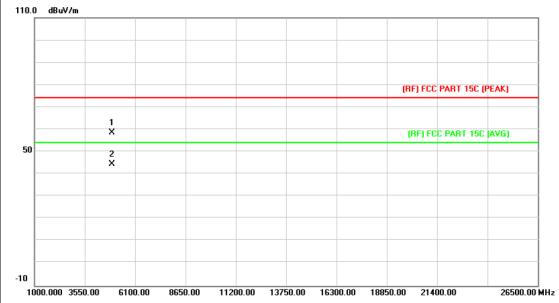


No	. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.643	44.80	13.86	58.66	74.00	-15.34	peak
2	*	4874.336	30.09	13.86	43.95	54.00	-10.05	AVG



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EUT:	Tablet PC	Model:	MOMO8 Quad					
Temperature:	25 ℃	Relative Humidity: 55%						
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Horizontal	Horizontal						
Test Mode:	TX G Mode 2462MHz		A Alban					
Remark:	No report for the emission v	No report for the emission which more than 10 dB below the						
	prescribed limit.							

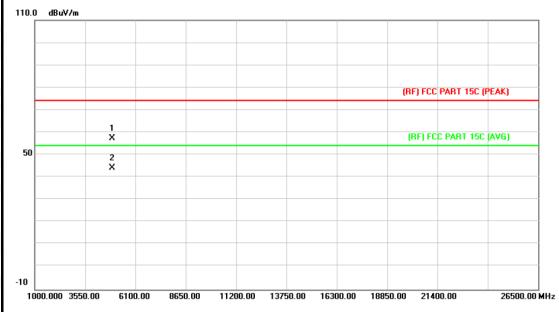


N	o. Ml	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.441	44.38	14.15	58.53	74.00	-15.47	peak
2	*	4924.792	30.30	14.15	44.45	54.00	-9.55	AVG



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EUT:	Tablet PC	Tablet PC Model: MOMe						
Temperature:	25 ℃	°C Relative Humidity: 55%						
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Vertical							
Test Mode:	TX G Mode 2462MHz		A HILL					
Remark:	No report for the emission which more than 10 dB below the							
	prescribed limit.							



ı	No.	Mk.	Freq.			Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1			4922.890	43.17	14.14	57.31	74.00	-16.69	peak
2		*	4925.059	30.09	14.16	44.25	54.00	-9.75	AVG



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EUT:	Tablet PC	Model:	MOMO8 Quad				
Temperature:	re: 25 °C Relative Humidity:		55%				
Test Voltage:	age: DC 3.7V						
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX N(HT20) Mode 2412MHz		J. Hilliam				
Remark:	No report for the emission w	No report for the emission which more than 10 dB below the					
	prescribed limit.						

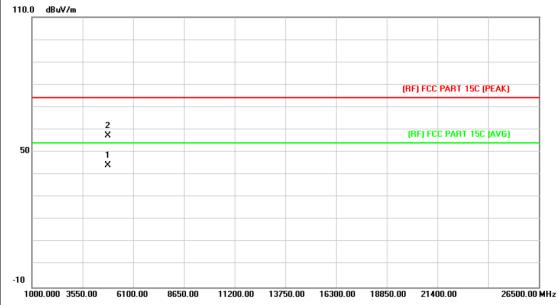


No	. Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.514	30.35	13.56	43.91	54.00	-10.09	AVG
2		4823.949	43.99	13.56	57.55	74.00	-16.45	peak



Page: 36 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3.7V	DC 3.7V						
Ant. Pol.	Vertical							
Test Mode:	TX N(HT20) Mode 2412MHz		A HILL					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

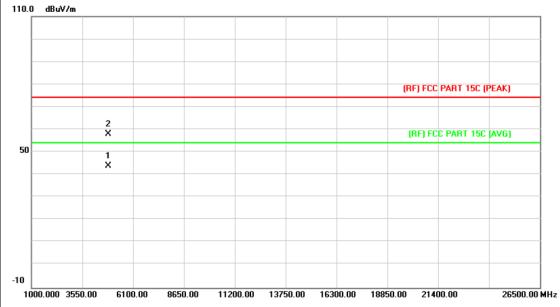


N	Ο.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	•	*	4825.011	30.46	13.57	44.03	54.00	-9.97	AVG
2			4825.137	43.77	13.57	57.34	74.00	-16.66	peak



Page: 37 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	The state of the s	133				
Ant. Pol.	Horizontal						
Test Mode:	TX N(HT20) Mode 2437MHz		J. Hilliam				
Remark:	No report for the emission wh	ich more than 10 dB b	elow the				
	prescribed limit.						
110.0 dP:///m							

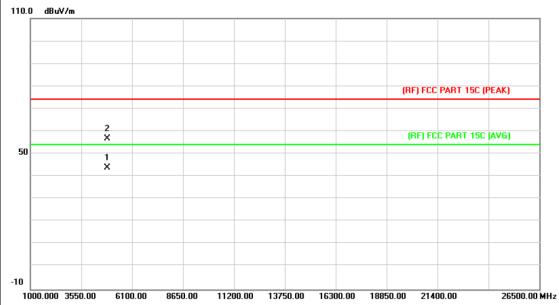


N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.124	30.07	13.86	43.93	54.00	-10.07	AVG
2		4874.414	44.21	13.86	58.07	74.00	-15.93	peak



Page: 38 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad					
Temperature:	25 ℃	25 ℃ Relative Humidity: 55%						
Test Voltage:	DC 3.7V	no v						
Ant. Pol.	Vertical							
Test Mode:	TX N(HT20) Mode 2437MHz	WILLIAM STATE	A RIVER					
Remark:	No report for the emission wh	No report for the emission which more than 10 dB below the						
	prescribed limit.							

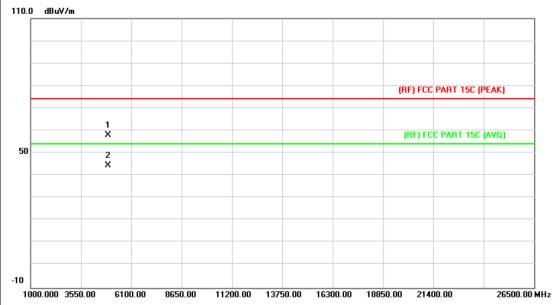


No	o. M	k. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.327	30.12	13.86	43.98	54.00	-10.02	AVG
2		4875.203	42.84	13.87	56.71	74.00	-17.29	peak



Page: 39 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad				
Temperature:	25 ℃	25 ℃ Relative Humidity: 55%					
Test Voltage:	DC 3.7V		339				
Ant. Pol.	Horizontal						
Test Mode:	TX N(HT20) Mode 2462MHz		A Alban				
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						

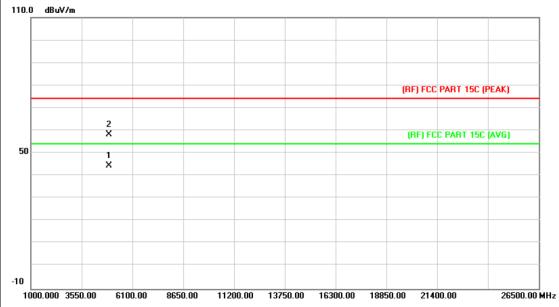


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.495	43.87	14.15	58.02	74.00	-15.98	peak
2	*	4925.047	30.36	14.16	44.52	54.00	-9.48	AVG



Page: 40 of 91

	Model:	MOMO8 Quad				
${\mathbb C}$	Relative Humidity:	55%				
C 3.7V	The same	133				
ertical						
(N(HT20) Mode 2462MHz		HILL				
No report for the emission which more than 10 dB below the prescribed limit.						
	c 3.7V rtical (N(HT20) Mode 2462MHz o report for the emission wh	c 3.7V rtical (N(HT20) Mode 2462MHz o report for the emission which more than 10 dB be				

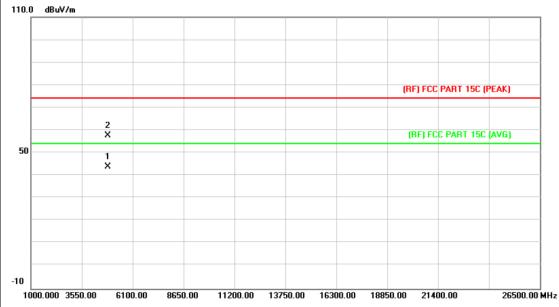


No.	Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4925.329	30.44	14.16	44.60	54.00	-9.40	AVG
2		4925.356	43.96	14.16	58.12	74.00	-15.88	peak



Page: 41 of 91

Tablet PC	Model:	MOMO8 Quad				
25 ℃	Relative Humidity:	55%				
DC 3.7V	no The	133				
Horizontal						
TX N(HT40) Mode 2422MHz		A HILL				
No report for the emission which more than 10 dB below the						
	25 °C DC 3.7V Horizontal TX N(HT40) Mode 2422MHz	25 °C Relative Humidity: DC 3.7V Horizontal TX N(HT40) Mode 2422MHz No report for the emission which more than 10 dB b				



N	o. N	Λk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*		4845.431	30.06	13.69	43.75	54.00	-10.25	AVG
2		4	4845.443	44.02	13.69	57.71	74.00	-16.29	peak



Page: 42 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3.7V	The same					
Ant. Pol.	Vertical						
Test Mode:	TX N(HT40) Mode 2422MHz		J. Hilliam				
Remark:	No report for the emission wh	No report for the emission which more than 10 dB below the					
	prescribed limit.						
1100 10.44							

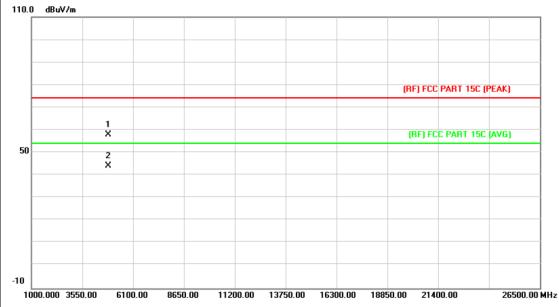


N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4843.454	43.37	13.68	57.05	74.00	-16.95	peak
2	*	4845.308	30.32	13.69	44.01	54.00	-9.99	AVG



Page: 43 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	no T	133
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT40) Mode 2437MHz	WILLIAM TO	J. Hilliam
Remark:	No report for the emission wh	nich more than 10 dB b	elow the
	prescribed limit.	- W	
110.0 dRuV/m			



No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.713	44.21	13.85	58.06	74.00	-15.94	peak
2	*	4874.321	30.20	13.86	44.06	54.00	-9.94	AVG



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Relative Humidity: 55%
and a second
THE PARTY OF THE P
2437MHz
mission which more than 10 dB below the



1	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1			4873.967	44.14	13.86	58.00	74.00	-16.00	peak
2		*	4874.276	30.16	13.86	44.02	54.00	-9.98	AVG



Page: 45 of 91

EUT:	Tablet PC	Model:	MOMO8 Quad									
Temperature:	25 ℃	25 ℃ Relative Humidity: 55%										
Test Voltage:	OC 3.7V											
Ant. Pol.	Horizontal	Horizontal										
Test Mode:	TX N(HT40) Mode 2452MHz		Allen									
Remark:	No report for the emission wh	ich more than 10 dB be	elow the									
	prescribed limit.	- 13º										



N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4903.001	43.84	14.03	57.87	74.00	-16.13	peak
2	*	4904.522	30.08	14.03	44.11	54.00	-9.89	AVG



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Tablet PC	Model:	MOMO8 Quad					
25 ℃	Relative Humidity:	55%					
DC 3.7V	The same						
Vertical							
TX N(HT40) Mode 2452MHz		A HATT					
No report for the emission which more than 10 dB below the prescribed limit.							
	25 °C DC 3.7V Vertical TX N(HT40) Mode 2452MHz No report for the emission wh	25 °C Relative Humidity: DC 3.7V Vertical TX N(HT40) Mode 2452MHz No report for the emission which more than 10 dB b					



N	o. N	1k.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4	1902.836	30.14	14.02	44.16	54.00	-9.84	AVG
2		4	1904.597	44.06	14.03	58.09	74.00	-15.91	peak



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6. Restricted Bands Requirement

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.247(d)

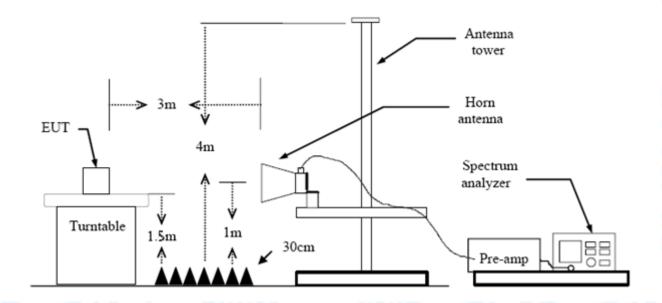
FCC Part 15.209

FCC Part 15.205

6.1.2 Test Limit

Restricted Frequency	Class B (dBuV/m)(at 3 M)					
Band (MHz)	Peak	Average				
2310 ~2390	74	54				
2483.5 ~2500	74	54				

6.2 Test Setup



6.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1 GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.



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(3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.

- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

6.5 Test Data

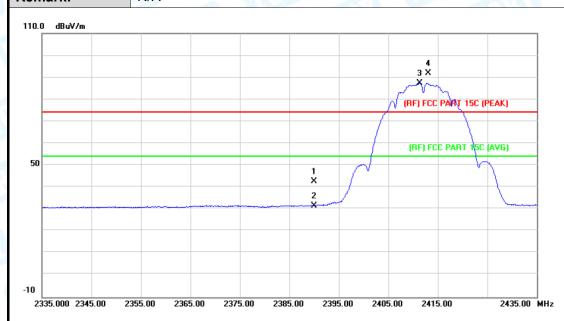
Please see the next page.



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(1) Radiation Test

EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal	4110	HILL
Test Mode:	TX B Mode 2412MHz		13
Remark:	N/A	- NY	



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	41.75	0.77	42.52	74.00	-31.48	peak
2		2390.000	30.87	0.77	31.64	54.00	-22.36	AVG
3	*	2411.300	86.59	0.86	87.45	Fundamental F	requency	AVG
4	Χ	2413.100	91.13	0.86	91.99	Fundamental F	Frequency	peak



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EUT:			Tablet PC					Model:				MOMO8 Quad				
Temp	peratui	e:	25 ℃						Rela	tive	Hui	midit	y:	55%	1	
Test	Voltag	e:	DC 3	DC 3.7V												
Ant.	Pol.		Vertical													
Test	Mode:		TX E	TX B Mode 2412MHz												
Rema	ark:		N/A	W			1					6				. (
110.0	dBuV/m															
													4 %			
												2	~\ X ~	'		
												/(RF)	FCC F	PARM 15C (F	EAK)	
											7					
F0											1	(R	F) FCC	PART 15C	(AVG)	
50									1 X		V			V		
									2							
-																
-10																
	34.000 234	4.00 2	354.00	2364	1.00 2	374.00	2384	.00	239	4.00	2404	1.00	2414.	00	2434	.00 MHz
				Re	ading	С	orrec	et	Mea	sure	_					
No	o. Mk.	Fre	q.		evel		acto			ent		Lim	it	Ove	•	
		MH	Z	d	BuV	(dB/m		dB	uV/m		dBu'	V/m	dB	D	etector
1		2390.	000	4	1.89	().77		42	2.66		74.	00	-31.3	34	peak
2		2390.	000	3(0.76	().77		31	1.53		54.	00	-22.4	7	AVG
3	*	2412.	800	86	6.56	(0.86		87	7.42	F	undam	ental	Frequency		AVG

Emission Level= Read Level+ Correct Factor

91.22

0.86

92.08

Fundamental Frequency

2413.100

4

Χ

peak



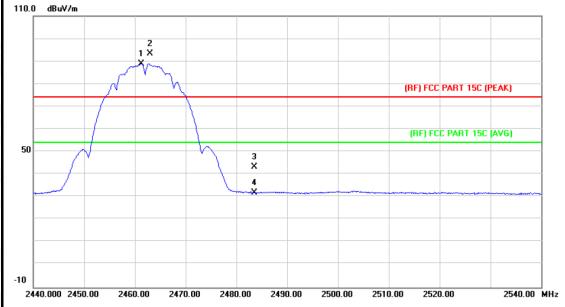
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EUT:			Table	et PC			Mode	el:			MOMO	08 Q	uad	
Гетр	eratu	re:	25 °C	C	CEN		Rela	tive F	lumic	lity:	55%	A.R.		
Test V	oltag/	e:	DC 3	3.7V					(1115	133	13.9		
Ant. P	ol.		Horiz	zontal	~ W	Ans			1	الله				
Test N	/lode:		TX E	Mode 2	462MHz		60	No			2 M	عاليا		
Rema	rk:		N/A	Milli			N.			111			1	
110.0	dBuV/m		1 2	2										
		1	√ . '\						(RF)	FCC PA	ART 15C (PEA	K)		
50									(RE) FCC F	PART 15C (AV	G)		
30					3 X									
					X									
-10 2438	.000 244	48.00 2	2458.00	2468.00	2478.00	2488.00	2498.00	250	18.00	2518.00	D ;	2538.00	 MH:	
No	. Mk	. Fre	eq.	Readir Leve	-	rrect	Meas		Lim	it	Over			
		MH	Ηz	dBuV	dB	/m	dBu∖	//m	dBu	V/m	dB	Det	ecto	
1	*	2461.	300	88.86	3 1.	07	89.9	93	Funda	mental	Frequency	Α	VG	
2	Χ	2463.	.000	93.32	2 1.	08	94.4	40	Funda	mental	Frequency	р	eak	
		2483.	500	42.59	9 1.	17	43.7	76		.00	-30.24	р	eak	
3		2 4 03.	500											



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		- CE: 157	
EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		J. HILL
Remark:	N/A		3 _ 6
110.0 dBuV/m			
	2 1 X		



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2461.300	87.85	1.07	88.92	Fundamental F	requency !	AVG
2	X	2463.000	92.39	1.08	93.47	Fundamental F	requency	peak
3		2483.500	42.06	1.17	43.23	74.00	-30.77	peak
4		2483.500	30.59	1.17	31.76	54.00	-22.24	AVG



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EUT	Γ:		Table	t PC		Model:		MOMO	8 Quad
Гem	peratu	re:	25 ℃		13	Relative	Humidity:	55%	The same
Tes	t Voltag	e:	DC 3	.7V	1000	18	(iii)	130	
4nt	. Pol.		Horiz	ontal	Alte				
Tes	t Mode:		TX G	Mode 2412	MHz	THE		2 MA	Mester
Ren	nark:		N/A	ABOVE		6		13	
110.0	O dBuV/m								
							(RF) PCC P/	3 X 4 ART 15C (PEAK	3)
50						1 × /	(RF) FCC I	PART 15C (AVC	i)
						2 X			
-10 23	334.000 234	14.00 2	2354.00	2364.00 237	4.00 2384.00	2394.00 2	2404.00 2414.0	0 2	2434.00 MH
N	lo. Mk	. Fre	eq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MH	Hz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detecto
1		2390.	.000	41.31	0.77	42.08	74.00	-31.92	peak
2		2390.	.000	30.76	0.77	31.53	54.00	-22.47	AVG
	X	2418.	.500	90.23	0.89	91.12	Fundamental	Frequency	peak
3						81.03			-



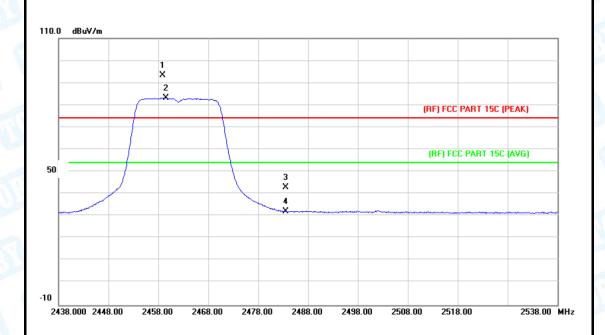
Page: 54 of 91

_0 .	Γ:		Table	et PC		Model:		MOMO	8 Quad		
em	peratu	re:	25 °C		35	Relative	Humidity:	55%	River		
Tes	t Voltag	e:	DC 3	5.7V	100	11	Call	ani 13			
۱nt	. Pol.		Vertic	cal	Alte						
Tes	t Mode:		TX G	Mode 241	2MHz	THE					
Ren	nark:		N/A	ART		6	CITE S	9			
110.0	D dBuV/m										
								3 X 4 ** *******************************			
							(RF) FCC P	ART 15C (AVG)			
50						1 X 2					
						ž.					
-10											
23	335.000 234		355.00	2365.00 237 Reading	75.00 2385.00 Correct	2395.00 24 Measure-	05.00 2415.00		35.00 MH		
	lo. Mk	. Fre		1 - 1 - 1	Footor		Limit	Over			
N			•	Level	Factor	ment		dВ	Dotocto		
		MH	lz	dBuV	dB/m	dBuV/m	dBuV/m	dB -30.53			
1		MH 2390.	o00	dBu√ 42.70	dB/m 0.77	dBuV/m 43.47	dBuV/m 74.00	-30.53	Detector peak		
	X	MH	000 000	dBuV	dB/m	dBuV/m	dBuV/m	-30.53 -22.53			



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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	The state of the s	
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2462MHz		A Alban
Remark:	N/A		

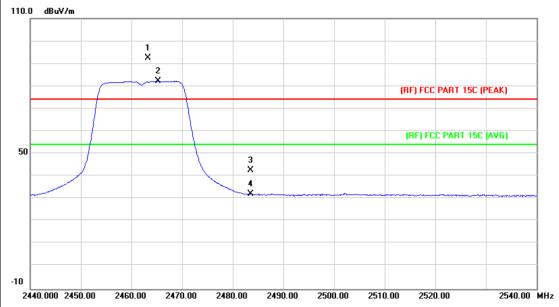


No	o. Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2458.800	92.42	1.06	93.48	- Fundamental F	requency	peak
2	*	2459.500	82.15	1.06	83.21	Fundamental F	requency	AVG
3		2483.500	41.87	1.17	43.04	74.00	-30.96	peak
4		2483.500	31.05	1.17	32.22	54.00	-21.78	AVG



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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz		
Remark:	N/A		



No.	. Mk	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2463.300	91.28	1.08	92.36	Fundamental	Frequency	peak
2	*	2465.300	81.05	1.09	82.14	Fundamental	Frequency	AVG
3		2483.500	41.56	1.17	42.73	74.00	-31.27	peak
4		2483.500	30.87	1.17	32.04	54.00	-21.96	AVG



Х

2417.400

Emission Level= Read Level+ Correct Factor

94.23

0.89

95.12

Fundamental Frequency

Report No.: TB-FCC150912

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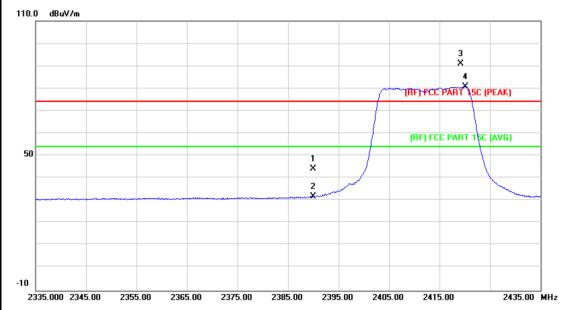
EUT	- .		Tobl	of DC				Maa	اما			MOMO	0 0	ما
			Tablet PC 25 °C				Mod				MOMO8 Quad			
	peratu					30		Rela	ative	Hum	idity:	55%	11.3	
Test	t Voltag	je:	DC:	3.7V		A.					CI	Nils)		
Ant.	. Pol.		Hori	zontal		N.A.				9	169			
Test	t Mode:	1	1XT	N(HT20) Mod	le 2412N	ЛHz	1				2 A		
Ren	nark:		N/A											
110.0	0 dBuV/m													
												4 ×		1
												3		-
												×		
											(RF) FCC I	PART 15C (PE	AK)	-
								1						
60 X (RF) FCC PART 15C				PART 15C (A	v e j	1								
										كممد			Mark	7
								,>	ستسمير					
		ļ												
														1
10.0	330.000 234	10.00 2	2350.00	2360.00	2370	0.00 2380	0.00	2390	1.00	2400.0	0 2410.	00	2430.00	_
		-												
N	lo. Mk	Ęr	eq.	Read Lev	_	Corre Facto			asure ent		Limit	Over		
	NO. IVIN					гаси	JI							
			Hz	dBı		dB/m			BuV/m		dBuV/m		Det	ecto
1		2390	.000	60.	39	0.77		6	1.16		74.00	-12.8	4 p	eak
2		2390	.000	39.	95	0.77		40	0.72		54.00	-13.2	8 A	VG
3	*	2416	.600	84.	25	0.88		8:	5.13	——— Fı	undament	al Frequency	A	VG

peak



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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V	The same	339
Ant. Pol.	Vertical		
Test Mode:	TX N(HT20) Mode 2412MHz		A HALL
Remark:	N/A		

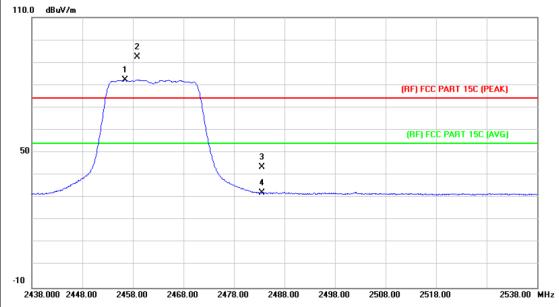


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	43.53	0.77	44.30	74.00	-29.70	peak
2		2390.000	31.09	0.77	31.86	54.00	-22.14	AVG
3	Χ	2419.200	90.14	0.89	91.03	Fundamental	Frequency	peak
4	*	2420.200	79.89	0.89	80.78	Fundamental	Frequency	AVG



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EUT:	Tablet PC	Model:	MOMO8 Quad			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V	The state of the s	339			
Ant. Pol.	Horizontal					
Test Mode:	TX N(HT20) Mode 2462MHz					
Remark:	N/A					



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2456.400	81.23	1.05	82.28	Fundamental Frequency		AVG
2	X	2458.800	91.54	1.06	92.60	Fundamental	Frequency	peak
3		2483.500	42.44	1.17	43.61	74.00	-30.39	peak
4		2483.500	31.00	1.17	32.17	54.00	-21.83	AVG



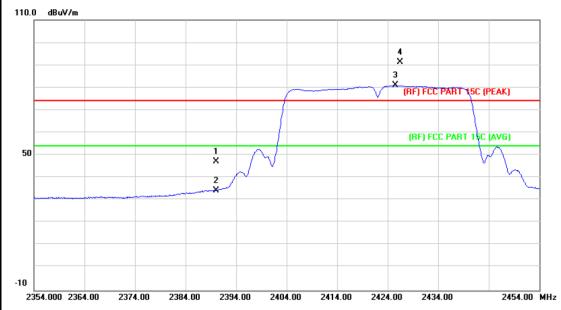
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EU	Γ:		Table	et PC			N	lodel:	MOMO8 Qua		8 Quad	
Ten	nperatu	re:	25 °C	C	TITE	10	R	elative	Humidity: 55%			
Tes	t Voltag	e:	DC 3	3.7V	منول		THE PARTY	-	(iii)	1133		
Ant	. Pol.		Verti	cal		B.H.	J. Carlotte					
Tes	t Mode:		TXN	I(HT2	0) Mod	le 2462N	1Hz	MILE		2 10	Market	
Rer	nark:		N/A	163	- Labor		3	Comment				
110.0) dBuV/m											
				2 X								
				1 X					(RF) FCC I	PART 15C (PEAK	<u> </u>	
									(RF) FCC	PART 15C (AVE	i)	
50					eq	3 X						
						×						
-10												
	140.000 245	0.00 2	2460.00	2470.0	0 2480	0.00 2490	.00 25	500.00 2	510.00 2520.	00 2	2540.00 MH	
	lo. Mk.	Fre	eq.		iding vel	Correct Facto		easure- ment	Limit	Over		
Ν	io. iviik.		•									
N	O. WIK.	MH		dB	Bu∨	dB/m	d	BuV/m	dBuV/m	dB	Detecto	
1	*		- Hz		3u∨ .39	dB/m 1.10		BuV/m 31.49	dBuV/m Fundamental		AVG	
		MH		80			{			Frequency		
1	*	MH 2467.	.200 .800	80 90	.39	1.10	(31.49	Fundamental	Frequency	AVG	



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EUT:	Tablet PC	Model:	MOMO8 Quad			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V	The state of the s				
Ant. Pol.	Horizontal					
Test Mode:	TX N(HT40) Mode 2422MHz		A HALL			
Remark:	N/A					

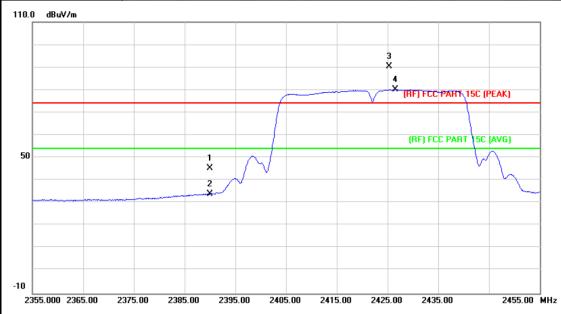


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	46.35	0.77	47.12	74.00	-26.88	peak
2		2390.000	33.60	0.77	34.37	54.00	-19.63	AVG
3	*	2425.600	79.97	0.93	80.90	Fundamental	Frequency	AVG
4	X	2426.500	90.29	0.93	91.22	Fundamental	Frequency	peak



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	EUT:	Tablet PC	Model:	MOMO8 Quad				
	Temperature:	25 ℃	Relative Humidity:	55%				
	Test Voltage:	DC 3.7V						
Ì	Ant. Pol.	Vertical						
	Test Mode:	TX N(HT40) Mode 2422MHz						
	Remark:	N/A						

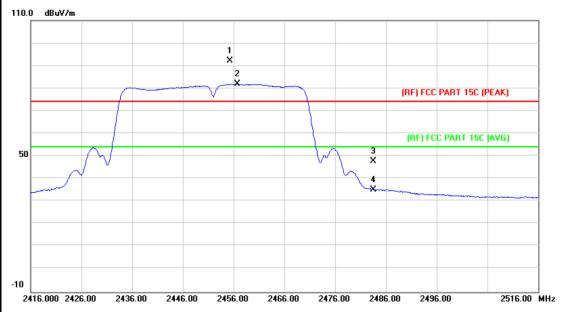


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	44.67	0.77	45.44	74.00	-28.56	peak
2		2390.000	33.18	0.77	33.95	54.00	-20.05	AVG
3	X	2425.300	89.45	0.93	90.38	Fundamental	Frequency	peak
4	*	2426.500	79.14	0.93	80.07	Fundamental	Frequency	AVG



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EUT:	Tablet PC	Model:	MOMO8 Quad			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3.7V					
Ant. Pol.	Horizontal					
Test Mode:	TX N(HT40) Mode 2452MHz					
Remark:	N/A					

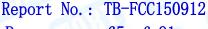


N	lo. Mi	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2455.300	90.99	1.05	92.04	Fundamental	Frequency	peak
2	*	2456.700	80.76	1.05	81.81	Fundamental	Frequency	AVG
3		2483.500	46.53	1.17	47.70	74.00	-26.30	peak
4		2483.500	34.09	1.17	35.26	54.00	-18.74	AVG



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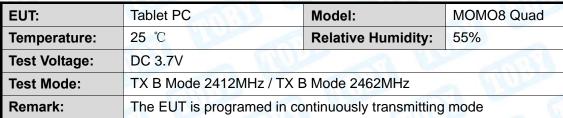
		Table	et PC		a W	M	odel:		MOMO	8 Quad
peratu	re:	25 °	C		13	Re	elative	Humidity:	55%	BA
t Voltag	je:	DC 3	3.7V			18	1	(ili)	133	
Pol.		Verti	cal		and			av	- A	
Mode	•	TXN	N(HT40)	Mode	e 2452MH	łz	4/1/2		a W	1 less
nark:		N/A	ARA						13	
dBuV/m										
				1 X						
				2 X				(DE) Fee I	ADT 150 (DEA	
			V					(KF) FLU F	ART TOU (PEA	NJ
	1							(DE) FCC	DART 1EC (AV	
Λ.						\wedge	3	(RF) FUL	PART TOU (AV	
\mathcal{A}^{Λ}					υ	h				
							×			
22.000 243	2.00 2	442.00	2452.00	2462	.00 2472.0	0 248	32.00 2	2492.00 2502.	00	2522.00 MI
la Mile	Г.,								Over	
IO. IVIK					Factor					
	MH	ΗZ	dBu∖	<u> </u>	dB/m	dE	BuV/m	dBuV/m	dB	Detecto
X	2459.	.300	90.0	9	1.06	9	1.15	Fundamental	Frequency	peak
*	2460	700	79.9	6	1.06	8	1.02	Fundamental	Frequency	AVG
	2400.							74.00	05.70	
	2483.	500	47.1	0	1.17	4	8.27	74.00	-25.73	peak
	peratu t Voltag Pol. t Mode: hark: dBuV/m	i Voltage: Pol. Mode: hark: dBuV/m 22.000 2432.00 2	i Voltage: DC 3 Pol. Verti t Mode: TX N hark: N/A dBuV/m 22.000 2432.00 2442.00 lo. Mk. Freq. MHz X 2459.300	Pol. Vertical TX N(HT40) N/A MBuV/m Readi Readi Readi Leve MHz MBuV MHz MHz MBuV MHz MHz	Pol. Vertical TX N(HT40) Mode N/A Mode: N/A	Pol. Vertical TX N(HT40) Mode 2452MHark: N/A N/A	Pol. Vertical TX N(HT40) Mode 2452MHz N/A MBuV/m	Pol. Vertical TX N(HT40) Mode 2452MHz N/A MBuV/m	Pol. Vertical TX N(HT40) Mode 2452MHz N/A Relative Humidity: Relative Humidity:	Relative Humidity:

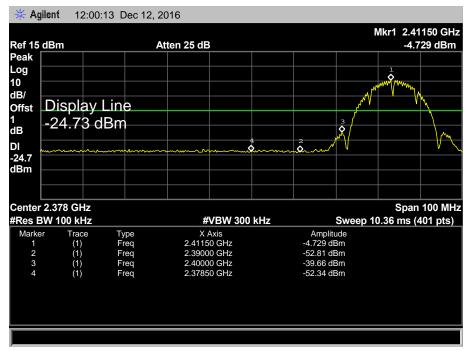


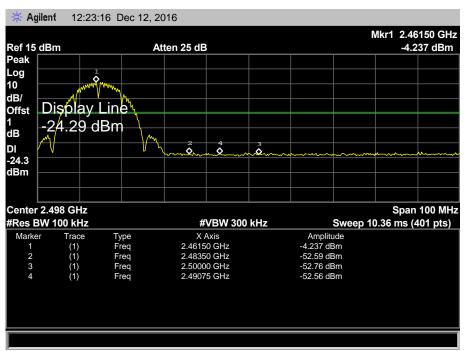


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(2) Conducted Test





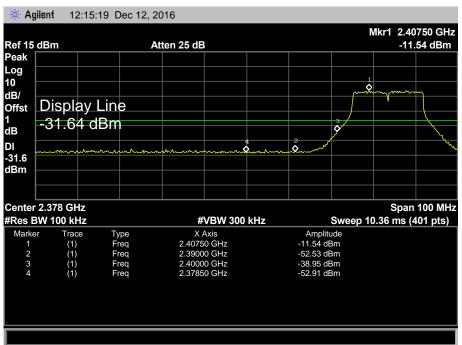


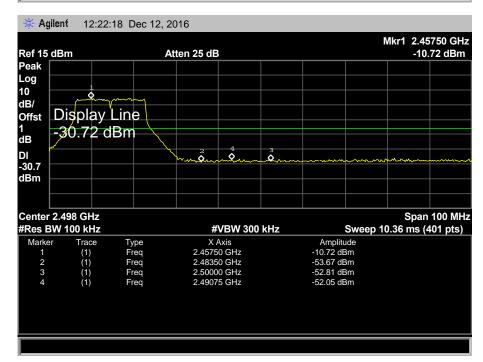


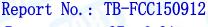


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EUT:	Tablet PC	Model:	MOMO8 Quad					
Temperature:	25 ℃ Relative Humidity: 55%							
Test Voltage:	DC 3.7V							
Test Mode:	TX G Mode 2412MHz / TX (TX G Mode 2412MHz / TX G Mode 2462MHz						
Remark:	The EUT is programed in co	The EUT is programed in continuously transmitting mode						



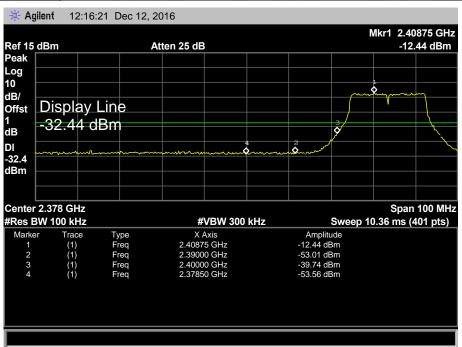


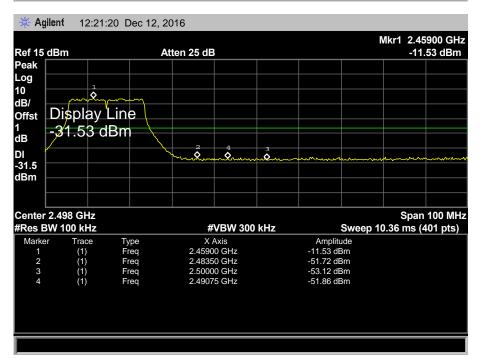


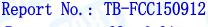


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EUT:	Tablet PC	MOMO8 Quad						
Temperature:	25 ℃ Relative Humidity: 55%							
Test Voltage:	DC 3.7V							
Test Mode:	TX N(HT20) Mode 2412MHz / TX N(HT20) Mode 2462MHz							
Remark:	The EUT is programed in co	The EUT is programed in continuously transmitting mode						



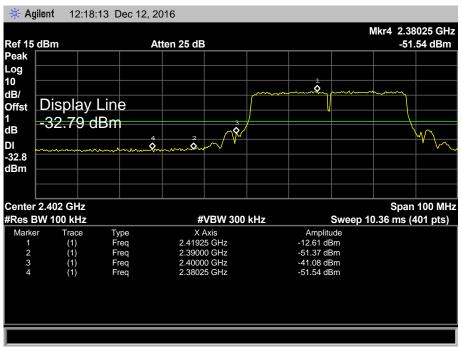


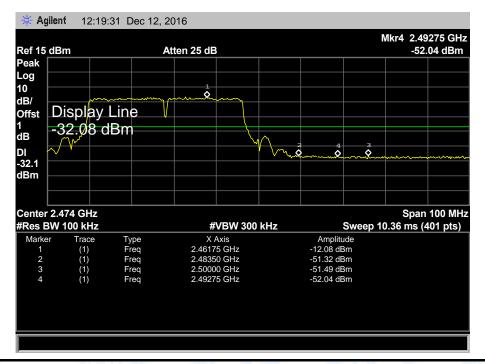




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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Test Mode:	TX N(HT40) Mode 2422MHz / TX N(HT40) Mode 2452MHz		
Remark:	The EUT is programed in continuously transmitting mode		







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7. Bandwidth Test

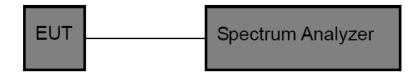
7.1 Test Standard and Limit

7.1.1 Test Standard FCC Part 15.247 (a)(2)

7.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/RSS-210				
Test Item	Limit	Frequency Range(MHz)		
Bandwidth	>=500 KHz (6dB bandwidth)	2400~2483.5		

7.2 Test Setup



7.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.
- (3)Measure the channel separation the spectrum analyzer was set to Resolution Bandwidth:100 kHz, and Video Bandwidth:300 kHz, Detector: Peak, Sweep Time set auto.

7.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Digital photo framesdle and high channel for the test.



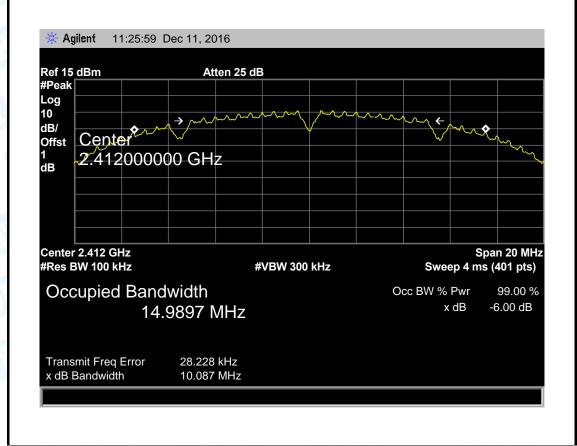
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7.5 Test Data

EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Test Mode:	TX 802.11B Mode	TIME	J. Break
Channel frequence	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2412	10.087	14.9897	
2437	10.053	14.9768	>=0.5
2462	10.091	14.9826	

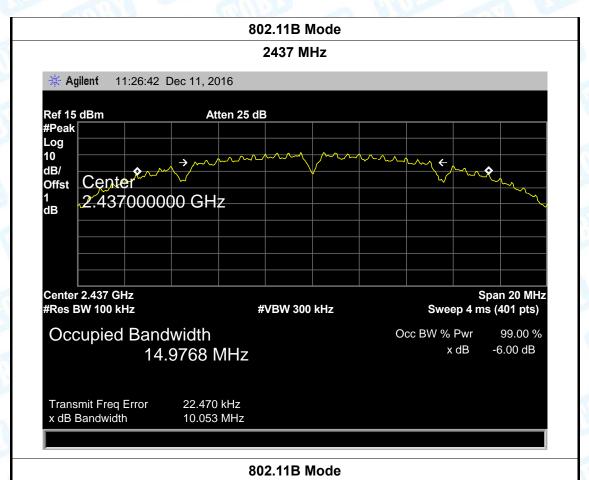
802.11B Mode

2412 MHz





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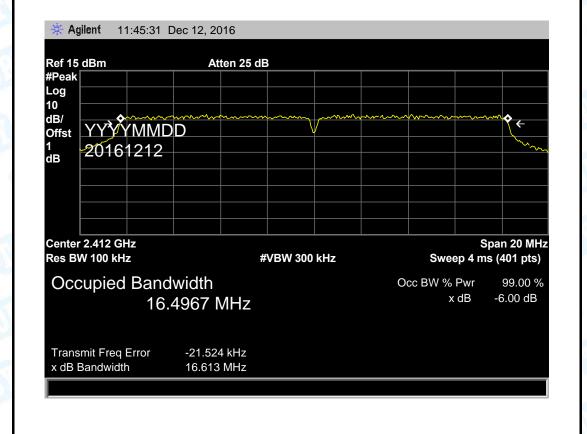
2462 MHz 🔆 Agilent 11:27:31 Dec 11, 2016 Ref 15 dBm Atten 25 dB #Peak Log 10 dB/ Center Offst 1 dB 2.462000000 GHz Center 2.462 GHz Span 20 MHz #Res BW 100 kHz **#VBW 300 kHz** Sweep 4 ms (401 pts) Occupied Bandwidth Occ BW % Pwr 99.00 % -6.00 dB x dB 14.9826 MHz Transmit Freq Error 14.191 kHz x dB Bandwidth 10.091 MHz



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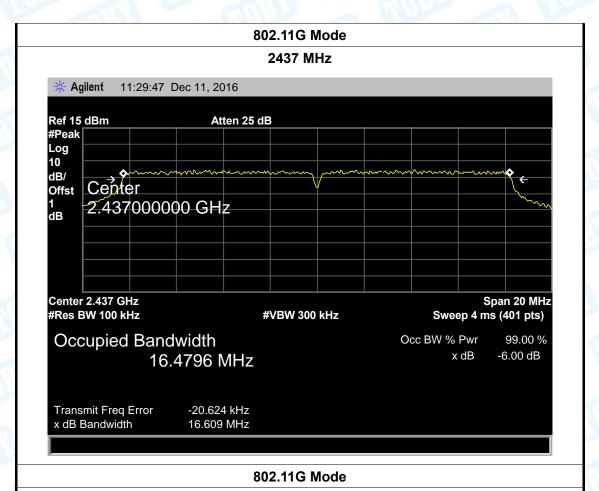
EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	nperature: 25 ℃		55%
Test Voltage:	DC 3.7V		133
Test Mode:	TX 802.11G Mode		
Channel frequence	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2412	16.613	16.4967	
2437	16.609	16.4796	>=0.5
2462	40.574	16.4685	
2402	16.574	10.4000	

2412 MHz





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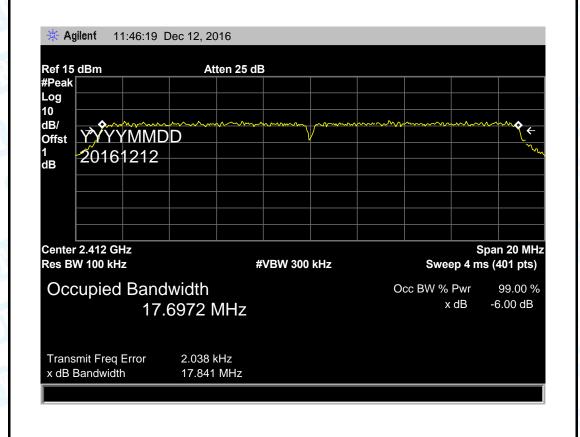


2462 MHz 🔆 Agilent 11:28:17 Dec 11, 2016 Ref 15 dBm Atten 25 dB #Peak Log 10 dB/ Center Offst 1 dB 2.462000000 GHz Center 2.462 GHz Span 20 MHz #Res BW 100 kHz **#VBW 300 kHz** Sweep 4 ms (401 pts) Occupied Bandwidth Occ BW % Pwr 99.00 % -6.00 dB x dB 16.4685 MHz Transmit Freq Error -20.141 kHz x dB Bandwidth 16.574 MHz



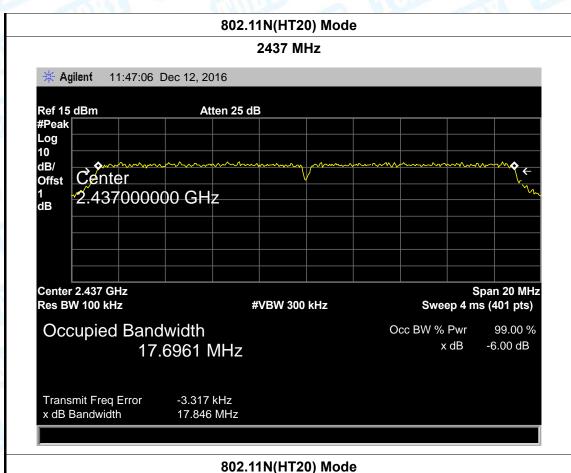
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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		339
Test Mode:	TX 802.11N(HT20) Mode		
Channel frequence	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
(MHz) 2412	(MHz) 17.841	(MHz) 17.6972	(MHz)
` ,	,	, ,	(MHz) >=0.5
2412	17.841	17.6972	





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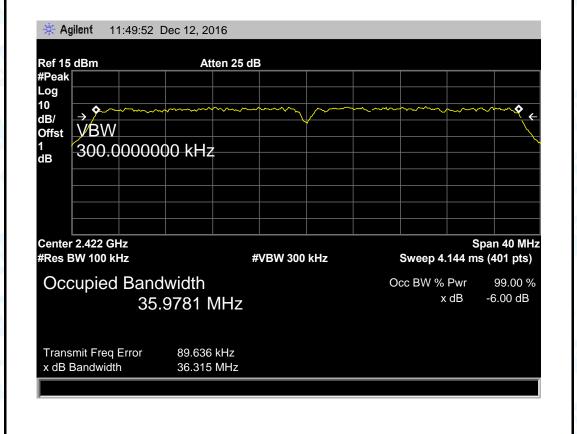


2462 MHz * Agilent 11:47:58 Dec 12, 2016 Ref 15 dBm Atten 25 dB #Peak Log 10 dB/ Center Offst 1 dB 2.462000000 GHz Center 2.462 GHz Span 20 MHz Res BW 100 kHz **#VBW 300 kHz** Sweep 4 ms (401 pts) Occupied Bandwidth Occ BW % Pwr 99.00 % -6.00 dB x dB 17.6967 MHz Transmit Freq Error -936.591 Hz x dB Bandwidth 17.839 MHz



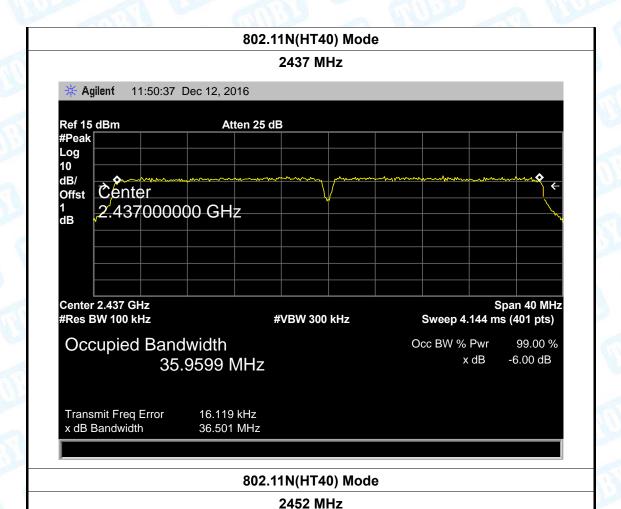
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EUT:	Tablet PC	Model:	MOMO8 Quad	
Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	DC 3.7V	The state of	339	
Test Mode:	TX 802.11N(HT40) Mode			
Channel frequence	cy 6dB Bandwidth	99% Bandwidth	Limit	
(MHz)	(MHz)	(MHz)	(MHz)	
2422	36.315	35.9781		
2437	36.501	35.9599	>=0.5	
2452	36.459	35.9605		
802.11N(HT40) Mode				





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Transmit Freq Error 20.735 kHz x dB Bandwidth 36.459 MHz

Center 2.452 GHz

Span 40 MHz



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8. Peak Output Power Test

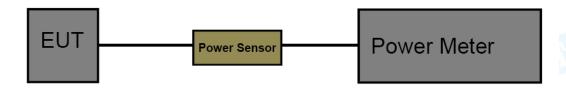
8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.247 (b)

8.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/RSS-210			
Test Item Limit Frequency Range(Mi			
Peak Output Power	1 Watt or 30 dBm	2400~2483.5	

8.2 Test Setup



8.3 Test Procedure

The measurement is according to section 9.1.2 of KDB 558074 D01 DTS Meas Guidance v03r05.

The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.

8.4 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.



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8.5 Test Data

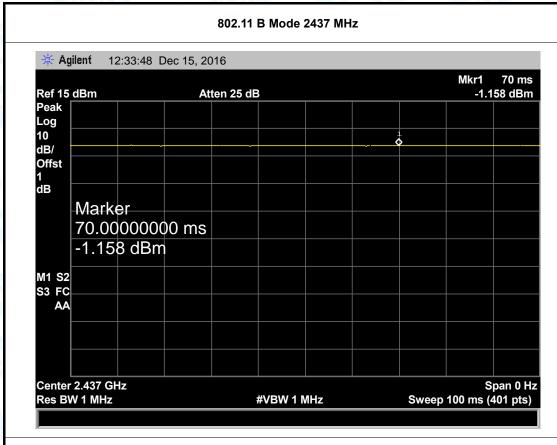
EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Relative Humidity	/ : 55%
Test Voltage:	DC 3.7V		
Mode	Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
	2412	9.07	
802.11b	2437	9.27	
	2462	9.26	
	2412	8.89	
802.11g	2437	8.93	
	2462	8.97	30
000 44	2412	8.86	30
802.11n (HT20)	2437	8.82	
(11120)	2462	8.88	
902 44 =	2422	8.73	
802.11n (HT40)	2437	8.72	
(1140)	2452	8.76	
	Resi	ult: PASS	

Duty Cycle			
Mode	Channel frequency (MHz)	Test Result	
	2412		
802.11b	2437		
	2462		
	2412		
802.11g	2437		
	2462	>00 9/	
000 44	2412	>98%	
802.11n (HT20)	2437		
(M120)	2462		
000 44	2422		
802.11n (HT40)	2437		
(П140)	2452		
Please see belo			

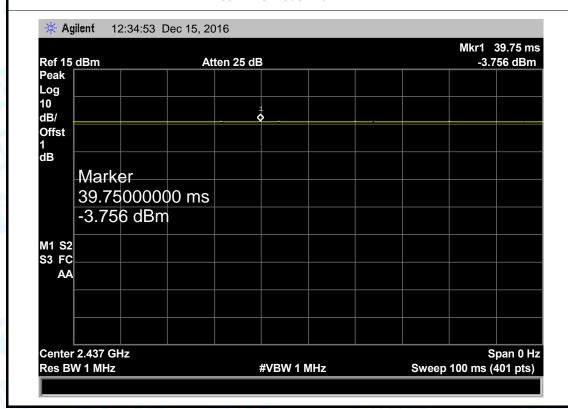


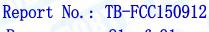
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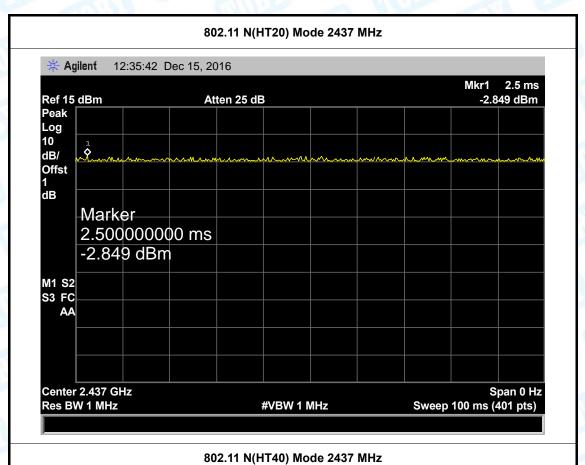


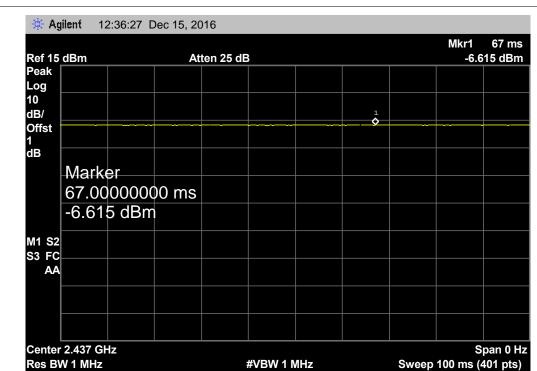






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9. Power Spectral Density Test

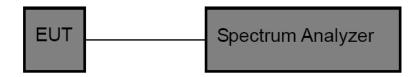
9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.247 (e)

9.1.2 Test Limit

FCC Part 15 Subpart C(15.247)				
Test Item Limit Frequency Range(MHz)				
Power Spectral Density 8dBm(in any 3 kHz) 2400~2483.5				

9.2 Test Setup



9.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v03r05.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser center frequency to DTS channel center frequency.
- (3) Set the span to 1.5 times the DTS bandwidth.
- (4) Set the RBW to: 3 kHz(5) Set the VBW to: 10 kHz
- (6) Detector: peak(7) Sweep time: auto
- (8) Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

9.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Digital photo framesdle and high channel for the test.

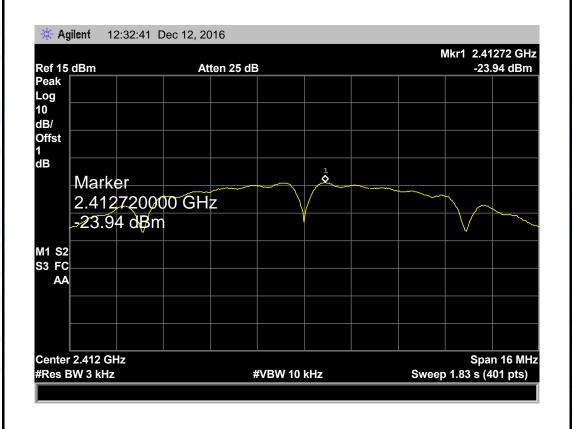


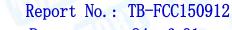
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9.5 Test Data

EUT:	Tablet PC	111111111111111111111111111111111111111	Model:	MOMO8 Quad
Temperature:	25 ℃		Relative Humidity:	55%
Test Voltage:	DC 3.7V			60030
Test Mode:	TX 802.11	1B Mode	DIO.	1 1000
Channel Frequency	uency	Power Dens	sity	Limit
(MHz)		(3 kHz/dBr	n)	(dBm)
2412		-23.94		
2437		-23.68		8
2462		-23.27		
		802.11B Mo	ode	

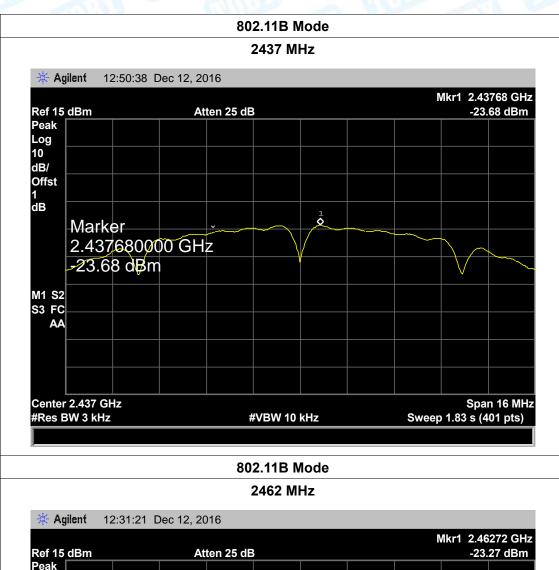
002.11B MOC

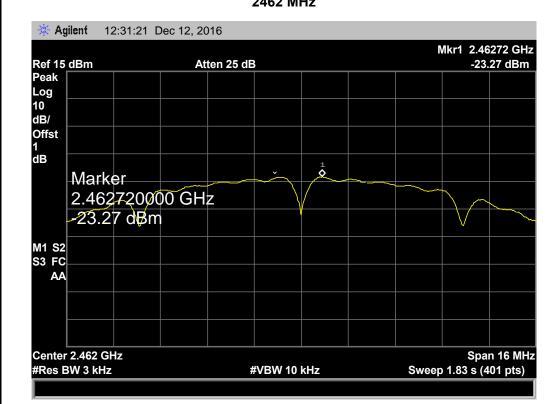




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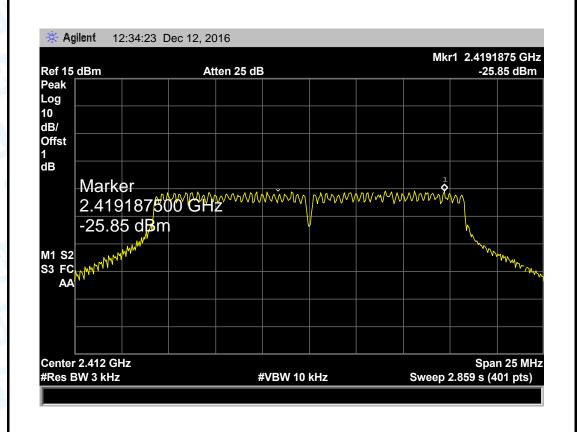


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EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.7V		
Test Mode:	TX 802.11G Mode		

Channel Frequency	Power Density	Limit
(MHz)	(3 kHz/dBm)	(dBm)
2412	-25.85	
2437	-25.38	8
2462	-25.15	

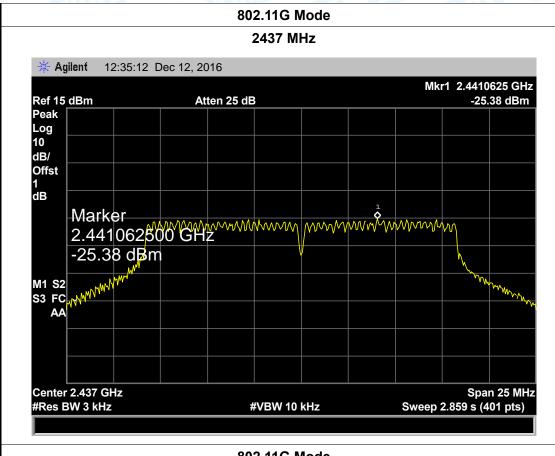
802.11G Mode







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802.11G Mode 2462 MHz * Agilent 12:36:11 Dec 12, 2016 Mkr1 2.4660625 GHz -25.15 dBm Ref 15 dBm Atten 25 dB Peak Log 10 dB/ Offst 1 dB 2.466062500 GHz -25.15 d<mark>B</mark>m M1 S2 S3 FC AA Center 2.462 GHz Span 25 MHz #Res BW 3 kHz #VBW 10 kHz Sweep 2.859 s (401 pts)



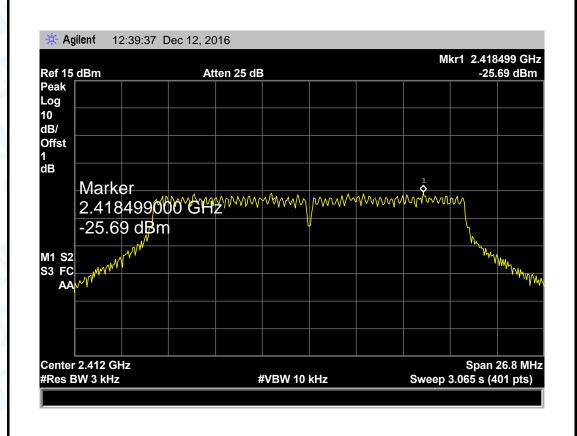
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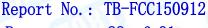
EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.7V	ma - C	339
Tost Modo:	TV 902 11N/UT20) Mode		

Test Mode: TX 802.11N(HT20) Mode

Channel Frequency	Power Density	Limit
(MHz)	(3 kHz/dBm)	(dBm)
2412	-25.69	
2437	-25.45	8
2462	-25.82	

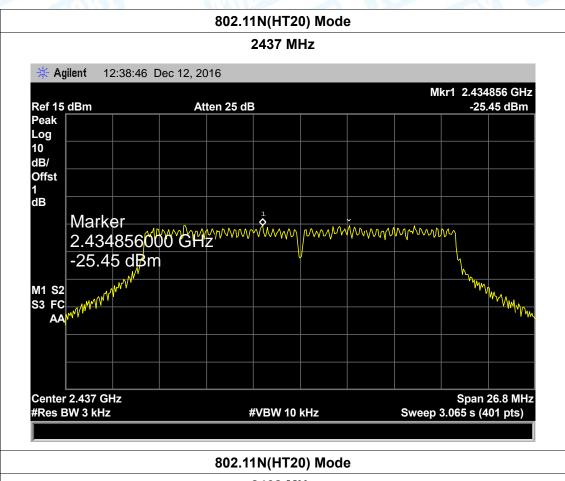
802.11N(HT20) Mode

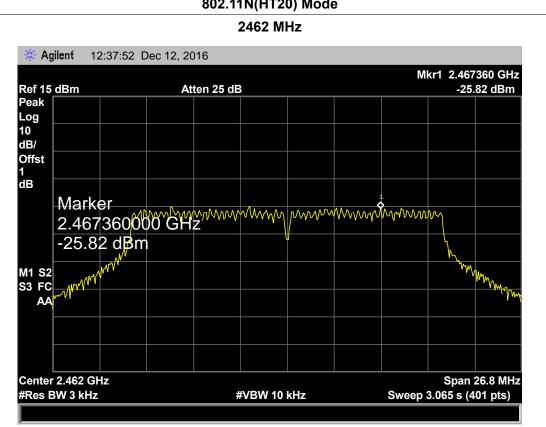






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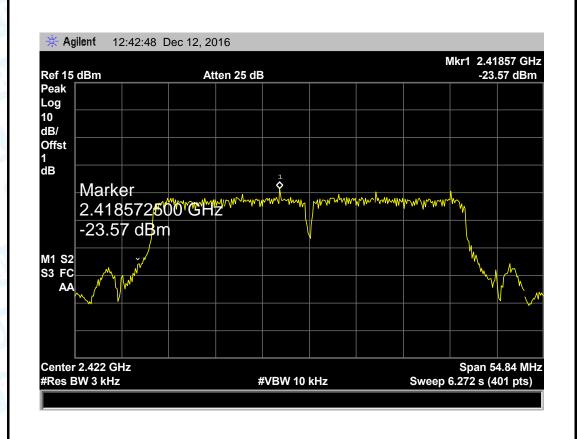
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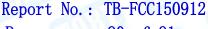
EUT:	Tablet PC	Model:	MOMO8 Quad
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	DC 3.7V		339
	T)/ 000 441// IT 40) 14		

Test Mode: TX 802.11N(HT40) Mode

Channel Frequency	Power Density	Limit
(MHz)	(3 kHz/dBm)	(dBm)
2422	-23.57	
2437	-24.53	8
2452	-23.84	
	•	•

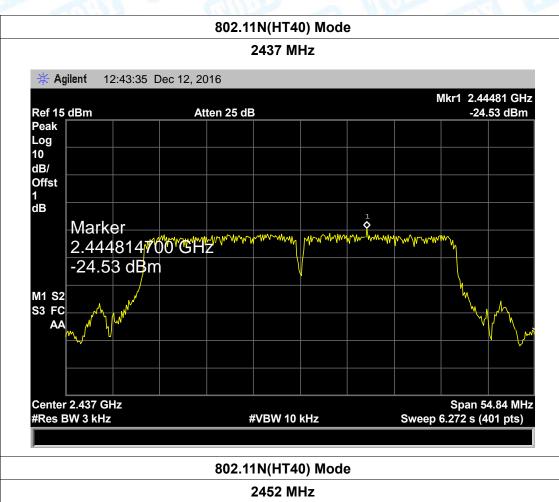
802.11N(HT40) Mode







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10. Antenna Requirement

10.1 Standard Requirement

10.1.1 Standard FCC Part 15.203

10.1.2 Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

10.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 2 dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

Result

The EUT antenna is a PIFA Antenna. It complies with the standard requirement.

	Antenna Type
319	▼ Permanent attached antenna
ann	□ Unique connector antenna
1	□ Professional installation antenna

----END OF REPORT----