

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC154156

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FCC Radio Test Report FCC ID: 2AK4T-SS5TAB

Original Grant

Report No. TB-FCC154156

Shenzhen Tideway Electronics Co., Ltd **Applicant**

Equipment Under Test (EUT)

EUT Name Tablet PC

Model No. SS5TAB

Series Model No. MOMO5 Quad, MOMO5

Brand Name Sunstone, Ployer

Receipt Date 2017-06-02

2017-06-03 to 2017-06-21 **Test Date**

Issue Date 2017-06-22

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

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

Tel: +86 75526509301



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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	1	Tablet PC	TODE TO		
Models No.	-	SS5TAB, MOMO5 Qua	SS5TAB, MOMO5 Quad, MOMO5		
Model Difference	1	All models are identical in the same PCB layout interior structure and electrical circuits, SS5TAB without battery inside, SS5TAB Quad and SS5TAB with battery inside.			
	B	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):7 channels see note(3)		
Product		RF Output Power:	802.11b: 9.80dBm 802.11g: 9.78dBm 802.11n (HT20): 8.75dBm 802.11n (HT40): 7.78dBm		
Description		Antenna Gain:	2dBi FPC Antenna		
	1	Modulation Type:	802.11b: DSSS(CCK, DQPSK, DBPSK) 802.11g/n: OFDM(BPSK,QPSK,16QAM, 64QAM)		
		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	9	DC Voltage Supply from USB Port. DC Supply by the Battery.			
Power Rating		DC 5.0 V from the USE DC 3.7V by Li-ion Batto			
Connecting I/O Port(S)	:	Please refer to the User's Manual			

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 v04.



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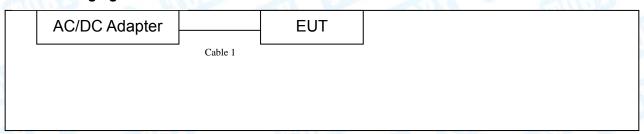
(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

(3) Channel List:

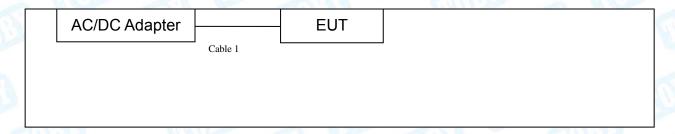
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	80	2447		
Note: CH 01~CH 11 for 802.11b/g/n(HT20), CH 03~CH 09 for 802.11n(HT40)					

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

USB Charging 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	A16-502000	3 US	AOHAI	√	
AC/DC AdapterInput:AC100-240V 50/60Hz 0.5A Output:5V/2A					
		Cable Information			
Number Shielded Type Ferrite Core Length Note					
Cable 1	YES	NO	1M	L. CLOPS	

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 Mode 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	Rtk	:WiFiTest-v1.9.0_2016022	4.apk
Channel	CH 01	CH 06	CH 11
IEEE 802.11b DSSS	DEF	DEF	DEF
IEEE 802.11g OFDM	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF
Channel	CH 03	CH 06	CH 09
IEEE 802.11n (HT40)	DEF	DEF	DEF

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})
CHIDDO.	Level Accuracy:	
Conducted Emission	9kHz~150kHz	±3.42 dB
	150kHz to 30MHz	±3.42 dB
Radiated Emission	Level Accuracy:	±4.60 dB
Natiated Littleston	9kHz to 30 MHz	14.00 dB
Radiated Emission	Level Accuracy:	±4.40 dB
Radiated Ellission	30MHz to 1000 MHz	±4.40 db
Dadiated Emission	Level Accuracy:	±4.20 dB
Radiated Emission	Above 1000MHz	14.20 UD



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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	1	Remark
FCC	IC	rest item	Judgment	
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	6dB Bandwidth	PASS	N/A
10.2 17 (4)(2)	5.2 (1)	Cab Barrawian		
15 247(b)	RSS 247	Peak Output Power	PASS	N/A
15.247(b)	5.4 (4)	Feak Output Fower		
45.047(-)	RSS 247		D4.00	N1/A
15.247(e)	5.2 (2)	Power Spectral Density	PASS	N/A
45.047(1)	RSS 247	SWIL. (11)2	D4.00	11/4
15.247(d)	5.5	Band Edge	PASS	N/A
15.247(d)&	RSS 247	Transmitter Radiated Spurious	DASS	NI/A
15.209	5.5	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

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.25, 2017	Mar. 24, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar.25, 2017	Mar. 24, 2018
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.24, 2017	Mar. 23, 2018
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.24, 2017	Mar. 23, 2018
Loop Antenna	Laplace instrument	RF300	0701	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	Sonoma	310N	185903	Mar.25, 2017	Mar. 24, 2018
Pre-amplifier	HP	8449B	3008A00849	Mar.24, 2017	Mar. 23, 2018
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.25, 2017	Mar. 24, 2018
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna C	onducted 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	100010/007	Jul. 22, 2016	Jul. 21, 2017
Power Meter	Anritsu	ML2495A	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

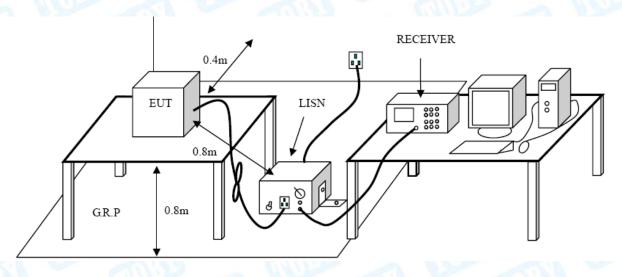
Conducted Emission Test Limit

The state of the s	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



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and forth in the center forming a bundle 30 to 40 cm long.

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

Test data please refer the following pages.



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1	0'	E	BY	

EUT:	Tablet PC	a W	Model Name	:	SS5T	AB
Temperature:	25 ℃	33	Relative Hur	nidity:	55%	Alle
Test Voltage:	AC 120V/60 Hz	400		GU	1133	
Terminal:	Line	A PHOTO		6		MAIL.
Test Mode:	USB Charging Mo	ode	MILE	2	2 A	
Remark:	Only worse case	is reported		TITE !	13	
80.0 dBuV					QP:	
-20 0.150	0.5 Reading	(MHz)	Measure-	Maryana	AVG:	peak
	req. Level	Factor	ment dBuV	Limit	Over	Detector
	2300 30.81	10.02	40.83		-21.62	QP
	2300 19.09	10.02	29.11		-23.34	AVG
	30.58	10.02	40.60		-19.59	QP
	3020 20.11	10.02	30.13		-20.06	AVG
	3540 28.27	10.02	38.29	58.87	-20.58	QP
6 0.3	3540 17.16	10.02	27.18	48.87	-21.69	AVG
7 * 0.4	1900 41.51	10.02	51.53	56.17	-4.64	QP
8 0.4	1900 29.31	10.02	39.33	46.17	-6.84	AVG
9 0.7	7500 29.03	10.11	39.14	56.00	-16.86	QP
10 0.7	7500 14.60	10.11	24.71	46.00	-21.29	AVG
11 1.0	380 25.23	10.06	35.29	56.00	-20.71	QP
12 1.0	0380 11.13	10.06	21.19	46.00	-24.81	AVG
Emission Level	= Read Level+ Cor	rect Factor				



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EUT:	Tablet PC		Model Name:	SS5TA	D
Temperature:	25°C		Relative Humidit		VD
Test Voltage:	AC 120V/60 Hz		Relative Hullian	y. 3370	MILLION
Terminal:	Neutral	-		The state of the s	
Test Mode:	USB Charging Me	ode		HILL	
Remark:	Only worse case		COTTON S	~ 1	
80.0 dBuV	,			-500 1 10	
-20			to Myster White the Mills was not been a second and a second a second and a second	QP: AVG:	AVG
0.150	0.5	(MHz)	5		30.000
No. Mk. Fre	Reading eq. Level	Correct Factor	Measure- ment Limi	t Over	
MH	z dBuV	dB	dBuV dBu\	/ dB	Detector
1 0.24	60 32.87	10.10	42.97 61.8	9 -18.92	QP
2 0.24	60 14.73	10.10	24.83 51.8	9 -27.06	AVG
3 0.29	80 33.86	10.09	43.95 60.3	0 -16.35	QP
4 0.29	80 18.18	10.09	28.27 50.3	0 -22.03	AVG
5 0.35	00 29.54	10.07	39.61 58.9	6 -19.35	QP
6 0.35	00 13.59	10.07	23.66 48.9	6 -25.30	AVG
7 * 0.49	40 33.06	10.02	43.08 56.1	0 -13.02	QP
8 0.494	40 13.00	10.02	23.02 46.1	0 -23.08	AVG
9 0.80	59 21.25	10.07	31.32 56.0	0 -24.68	QP
10 0.80	59 2.19	10.07	12.26 46.0	0 -33.74	AVG
11 1.17	00 21.84	10.14	31.98 56.0	0 -24.02	QP
12 1.17	00 2.18	10.14	12.32 46.0	0 -33.68	AVG
Emission Level=	Read Level+ Corr	ect Factor			



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EUT:	Tablet PC	Мо	del Name:	SS5TAE	3					
Temperature:	25℃	Re	lative Humidity:	55%	All Division					
Test Voltage:	AC 240V/60 Hz	B. Commission	Call Call	11329						
Terminal:	Line	DAO:	O U		MAIL					
Test Mode:	USB Charging Mod									
Remark:	Only worse case is	reported		33						
80.0 dBuV				QP:						
				AVG:						
	×									
4 40	Market Market Market	S	,							
W W W	, " " " I I I I I I I I I I I I I I I I	AMADIAN LAND AND AND AND AND AND AND AND AND AND	Marina Mark Marina Mari							
30	Market Ma	war of the state o	. Mayour	ı						
A MAN MAN	, lunhhh.	M	April March 1	go (hely angle of his hard and her house)	March day way your					
			behaviory of contracted the offer of the	herron and the space of	peak					
					A-VAV-A-VI AVG					
-20										
0.150	0.5	(MHz)	5		30.000					
	Reading	Correct Me	easure-							
	req. Level	Factor	ment Limit	Over						
M	lHz dBuV	dB	dBuV dBuV	dB	Detector					
1 * 0.4	700 39.47	10.02 4	9.49 56.51	-7.02	QP					
2 0.4	700 24.39	10.02	34.41 46.51	-12.10	AVG					
3 0.6	740 32.20	10.11 4	2.31 56.00	-13.69	QP					
4 0.6	740 20.04	10.11 3	30.15 46.00	-15.85	AVG					
5 0.9	740 30.86	10.07 4	0.93 56.00	-15.07	QP					
6 0.9	740 16.63	10.07 2	26.70 46.00	-19.30	AVG					
7 1.3	500 25.73	10.06 3	35.79 56.00	-20.21	QP					
8 1.3	500 12.62	10.06 2	22.68 46.00	-23.32	AVG					
	700 26.15			-19.81	QP					
	700 13.23			-22.73	AVG					
	180 20.25			-25.74	QP					
12 3.5	180 9.49	10.01 1	9.50 46.00	-26.50	AVG					
Emission Level=	Read Level+ Corr	ect Factor								



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EUT:	Tablet PC		Model Nan	20:	SS5TA	R
Temperature:	25°C		Relative H		55%	
Test Voltage:	AC 240V/60 H	7	Relative II	annaity.	0070	CHILD.
Terminal:	Neutral			630	Ciri	
Test Mode:	USB Charging	Mode			1 2 100	
Remark:	Only worse cas		MILLE			Mr.
80.0 dBuV						
20 0.150	0.5		1441/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/		QP: AVG:	peak
0.150						30.000
No. Mk. Fre	Reading q. Level	Correct Factor	Measure- ment	Limit	Over	
МН	z dBuV	dB	dBuV	dBuV	dB	Detector
1 0.29	40 31.52	10.09	41.61	60.41	-18.80	QP
2 0.29	40 12.06	10.09	22.15	50.41	-28.26	AVG
3 * 0.47	80 32.75	10.03	42.78	56.37	-13.59	QP
4 0.47	80 12.68	10.03	22.71	46.37	-23.66	AVG
5 0.70	19 24.42	10.02	34.44	56.00	-21.56	QP
6 0.70	19 5.77	10.02	15.79	46.00	-30.21	AVG
				FC 00	00.00	OD
7 0.98	20 22.16	10.15	32.31	56.00	-23.69	QP
7 0.98 8 0.98		10.15 10.15	32.31 11.83		-34.17	AVG
	20 1.68			46.00		
8 0.98	20 1.68 20 22.76	10.15	11.83	46.00 56.00	-34.17	AVG
8 0.98 9 1.90	20 1.68 20 22.76 20 3.58	10.15 10.07	11.83 32.83	46.00 56.00 46.00	-34.17 -23.17	AVG QP
8 0.983 9 1.903 10 1.903	20 1.68 20 22.76 20 3.58 80 19.20	10.15 10.07 10.07	11.83 32.83 13.65	46.00 56.00 46.00 56.00	-34.17 -23.17 -32.35	AVG QP AVG



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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	Distance of 3m (dBuV/m)				
(MHz)	Peak	Average			
Above 1000	74	54			

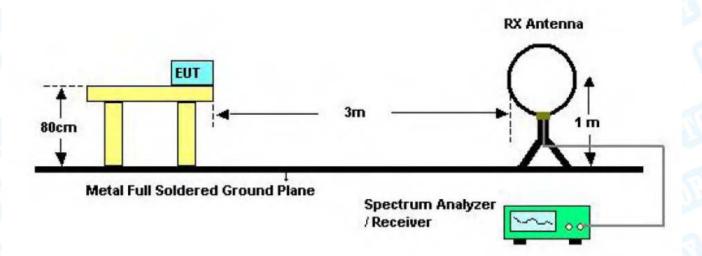
Note:

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

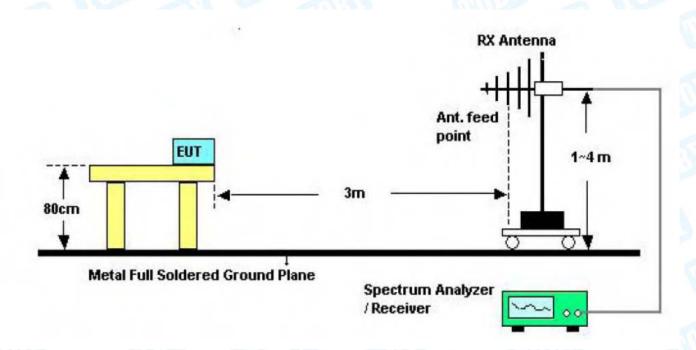


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5.2 Test Setup



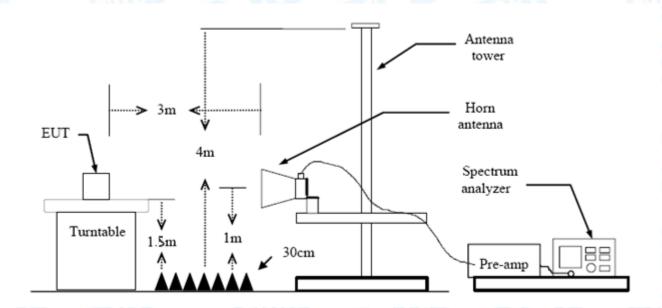
Below 30MHz Test Setup



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

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

EU	T:			T	Tablet PC			ľ	Mode	l:		Model:			SS5TAB						
Ter	npe	ratu	re:	2	.5 °C	2					F	Relati	ive H	lumi	idity	/ :	55	5%	Visi		
Tes	st V	oltaç	ge:	Α	C 1	20\	V/60	0HZ	6												
An	t. P	ol.		F	loriz	zont	tal	M	R			1					1	M	N		
Tes	st M	ode	:	Т	XΒ	Mc	ode	2412	2MHz	<u>a</u>					6						
Re	mar	k:		C	nly	wo	rse	e case is reported													
80.0	O dE	BuV/m																			\neg
																					-
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30		40	5	D (70 8 F	30 Rea	nding	ı C	(MHz)	t N	Лeas	ure-		400	500	0 (600	700	lw.Xr	
30			5 F	rec] .	70 8 F	Rea Le	nding) C	(MHz) orrec	t N	/leas mei	ure- nt	L	400 imi	500 t	0 (500 Ove	700 er	10	00.00
30		40	5 F	rec	1-	70 8	Rea Le	nding vel BuV) Ci	(MHz) orrectactor	t N	Aeas mei dBu\	ure- nt //m	L	imi BuV	500 t	0 (ooo Ove	700 PF	100	oo.oo
) N		40	61.	rec MHz	63	70 8	Rea Le	ading vel BuV) Ci	(MHz) orrec actor	t N	Meas mei dBu\	ure- nt //m 82	L d	400 imi BuV	500 t	O 6	000 Dve	700 PF	100 De	oo.oo
1 2		40	61.	Fred MHz 340	1- 33 50	70 8	Rea Le dB 42	ading vel BuV 22	C) C) F	(MHz) orrectactor dB/m 24.40	t N	Meas mei dBu\ 17.8	ure- nt //m 82	L d	400 imi BuV 40.0	500 t t 7/m	-2	600 Dve dB 222.1	700 Pr 18	De p	tectoreal
1 2 3		40	61. 191	346 .74	1- 63 50 56	R	Rea Le dB 42 48	ading vel BuV .22 .50	-2 -2	(MHz) orrectactor dB/m 24.40 20.81	t N	Meas mer dBu\ 17.8 27.0	ure- nt //m 82 69	L d	400 imi BuV 40.0 43.5	500 t t 000 500	-2 -2	dB 22.15.8	700 er 18 81	De p	oo.oo
1 2		40	61.	346 .74	1- 63 50 56	R	Rea Le dB 42 48	ading vel BuV 22	-2 -2	(MHz) orrectactor dB/m 24.40	t N	Meas mei dBu\ 17.8	ure- nt //m 82 69	L d	400 imi BuV 40.0	500 t t 000 500	-2 -2	600 Dve dB 222.1	700 er 18 81	De p	tectoreal
1 2 3	No.	40	61. 191	346 .74	3- 53 50 56	70 8	Rea Le dB 42 48 42 33	ading vel BuV .22 .50	-2 -2	(MHz) orrectactor dB/m 24.40 20.81	t N	Meas mer dBu\ 17.8 27.0	ure- nt //m 82 69 46	L d	400 imi BuV 40.0 43.5	500 t t 7//m 00 50 50	-2 -2	dB 22.15.8	700 18 81 04	De p	tectoreal



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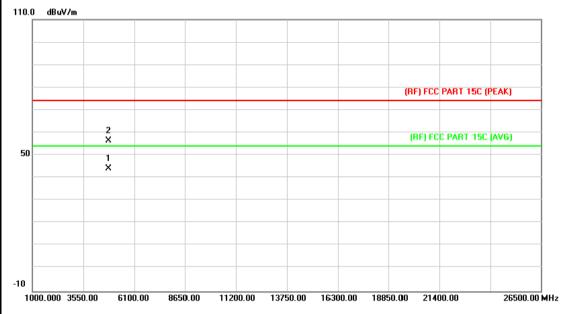
EUT:		Tab	let P	Tablet PC					SS5TAB			N	
Temperatu	ıre:	25	$^{\circ}\!\mathbb{C}$	6111		Relative	Humi	dity:	55%	A			
Test Volta	ge:	AC	120\	V/60H2	Z	63.8		G					
Ant. Pol.		Ver	tical		a W			1 1					
Test Mode	:	TX	ВМо	ode 24	12MHz								
Remark:		Onl	ly wo	rse ca	se is repor	ted							
80.0 dBuV/m													7
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w, *\	V-14-V-4	**************************************	A.W.L.	and make	March Mount	March Land Land Land	dan de la composição de	h prilleforther bear	whyture	h. Arterista 1884		Lhad In	/
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30.000 40		60	Re	eading	g Correc	ct Meas	ure-	400	500	600	700	1000	0.00
	. Fi	60 req.	Re	eadinç Level	g Correc Facto	ct Meas or mer	ure- nt	400	500	600 Ove	700 [
30.000 40 No. Mk	. Fi	60 req.	Re	eadinç ∟evel dBuV	g Correct Facto	ct Meas or mer dBu\	ure- nt //m	400 Limit	500	600 Ove	700 [Detec	cto
30.000 40 No. Mk	. Fi	60 req. IHz	Re L	eading Level dBuV 13.08	Correct Factor dB/m -18.07	ot Meas or mer dBu\	ure- nt //m	Limit dBuV	500 /m	600 Ove dB	700 r		cto
30.000 40 No. Mk	. Fi	60 req.	Re L	eadinç ∟evel dBuV	g Correct Facto	ot Meas or mer dBu\	ure- nt //m	400 Limit	500 /m	600 Ove	700 r	Detec	cto
30.000 40 No. Mk	. Fi M 36.6	60 req. IHz	Re L	eading Level dBuV 13.08	Correct Factor dB/m -18.07	or Meas or mer dBu\ 25.0	ure- nt //m D1	Limit dBuV	500 /m 0 -	600 Ove dB	700 r	Detection pea	cto ak ak
No. Mk	. Fi M 36.6 66.7	60 req. 1Hz 5375 7325	4 4	eading Level dBuV 43.08	dB/m -18.07	dBuV 25.0 22.0	ure- nt //m 01 61	400 Limit dBuV/ 40.0	500 /m 0 -	600 Ove dB 14.9	700 r 99 39	Detection pea	cto ak ak
No. Mk 1 2 3 4	. Fr M 36.6 66.7 191. 699.	60 req. IHz 6375 7325 7450 3046	4 4 5	eading evel dBuV 13.08 16.52 54.12	dB/m -18.07 -23.91 -20.81	dBuV 25.0 22.0 33.3	ure- nt //m 01 61 31	400 Limit dBuV/ 40.0 40.0 43.5 46.0	500 /m 00 - 00 -	Ove dB 14.9 17.3	700 r 99 339 119	Detection pea	ak ak ak
No. Mk 1 2 3 *	. Fi M 36.6 66.7 191. 699.	60 req. IHz 6375 7325 7450	Re L 4 4 5 5 3	eading evel dBuV 13.08 16.52	dB/m -18.07 -23.91	dBuv 25.0 22.0 33.3 31.5	ure- nt //m 01 61 31 81	400 Limit dBuV 40.0 40.0 43.5	500 /m 00 - 00 -	600 Ove dB 14.9 -17.3	700 r r 399 119 119	Detection pea	ak ak ak



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Above 1GHz

Tablet PC	Model:	SS5TAB
25 ℃	Relative Humidity:	55%
AC 120V/60HZ		
Horizontal		
TX B Mode 2412MHz		A VIVE
No report for the emission	which more than 10 dE	B below the prescribed
limit.	J _ 13	1
	25 °C AC 120V/60HZ Horizontal TX B Mode 2412MHz No report for the emission	25 °C Relative Humidity: AC 120V/60HZ Horizontal TX B Mode 2412MHz No report for the emission which more than 10 dB

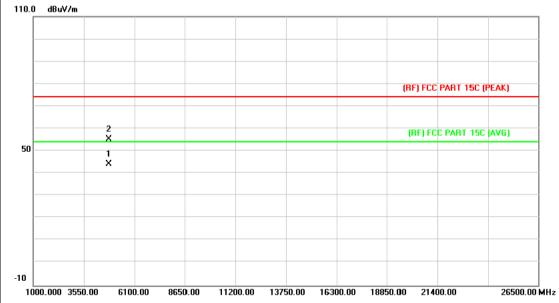


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.435	30.69	13.50	44.19	54.00	-9.81	AVG
2		4824.507	42.88	13.50	56.38	74.00	-17.62	peak



Page: 24 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ		1133					
Ant. Pol.	Vertical							
Test Mode:	TX B Mode 2412MHz		a William					
Remark:	No report for the emission	No report for the emission which more than 10 dB below the						
	prescribed limit.							

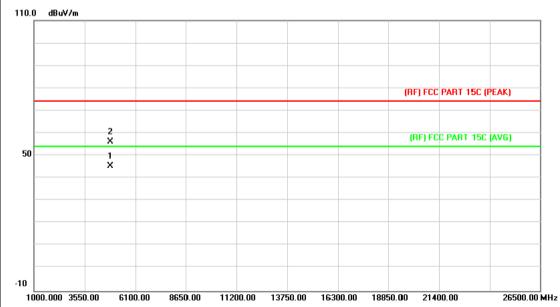


No.	Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.010	30.66	13.50	44.16	54.00	-9.84	AVG
2		4824.528	41.81	13.50	55.31	74.00	-18.69	peak



Page: 25 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Horizontal							
Test Mode:	TX B Mode 2437MHz		THE PARTY OF THE P					
Remark:	No report for the emission	No report for the emission which more than 10 dB below the						
	prescribed limit.							

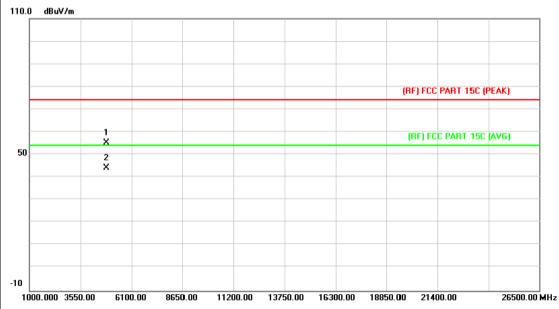


No.	M	k. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.454	31.45	13.86	45.31	54.00	-8.69	AVG
2		4873.688	42.26	13.86	56.12	74.00	-17.88	peak



Page: 26 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX B Mode 2437MHz	THE PERSON NAMED IN	All Indian					
Remark:	No report for the emission which more than 10 dB below the							
	prescribed limit.							
l								

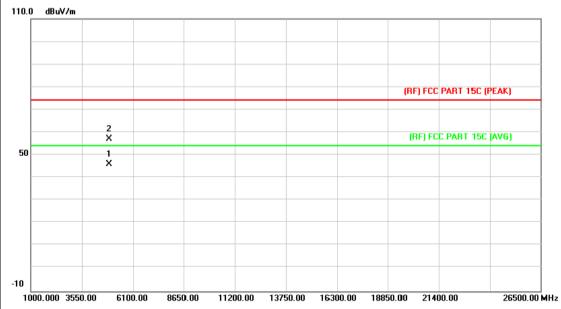


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.072	41.45	13.86	55.31	74.00	-18.69	peak
2	*	4875.047	30.25	13.87	44.12	54.00	-9.88	AVG



Page: 27 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Horizontal	Horizontal						
Test Mode:	TX B Mode 2462MHz	MILES						
Remark: No report for the emission which more than 10 dB below the prescribed limit.								
	processing and an arrangement of the contract							



No.	. Mk	. Freq.	_		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4923.526	31.76	14.15	45.91	54.00	-8.09	AVG
2		4924.732	42.97	14.15	57.12	74.00	-16.88	peak



Page: 28 of 91

EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ						
Ant. Pol.	Vertical						
Test Mode:	TX B Mode 2462MHz	MILLOR	THE PARTY OF THE P				
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

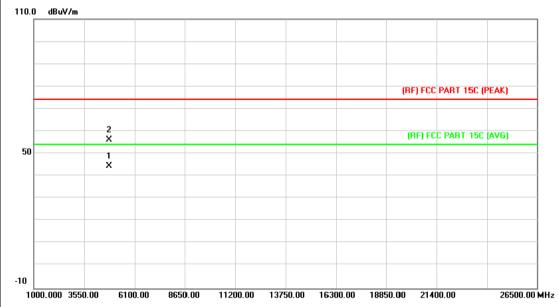


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.081	43.48	14.15	57.63	74.00	-16.37	peak
2	*	4924.240	31.23	14.15	45.38	54.00	-8.62	AVG



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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ						
Ant. Pol.	Horizontal						
Test Mode:	TX G Mode 2412MHz	MILLER	A VIII				
Remark:	Remark: No report for the emission which more than 10 dB below the prescribed limit.						



No.	Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.387	30.78	13.56	44.34	54.00	-9.66	AVG
2		4825.194	42.57	13.57	56.14	74.00	-17.86	peak



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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ						
Ant. Pol.	Vertical						
Test Mode:	TX G Mode 2412MHz	MIDS	THE PARTY OF THE P				
Remark: No report for the emission which more than 10 dB below the prescribed limit.							

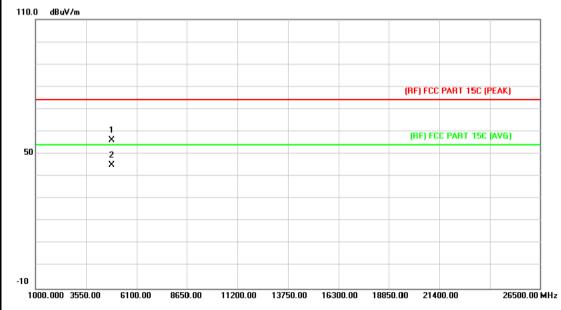


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.435	30.69	13.50	44.19	54.00	-9.81	AVG
2		4824.507	42.88	13.50	56.38	74.00	-17.62	peak



Page: 31 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Horizontal							
Test Mode:	TX G Mode 2437MHz							
Remark:	No report for the emission which more than 10 dB below the							
	prescribed limit.							
4								

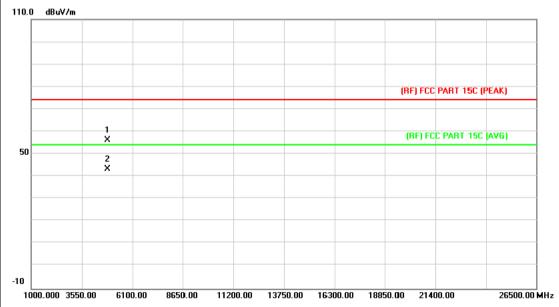


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.318	42.28	13.86	56.14	74.00	-17.86	peak
2	*	4875.029	31.23	13.87	45.10	54.00	-8.90	AVG



Page: 32 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Vertical							
Test Mode:	TX G Mode 2437MHz	MIDS	THE PARTY OF					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

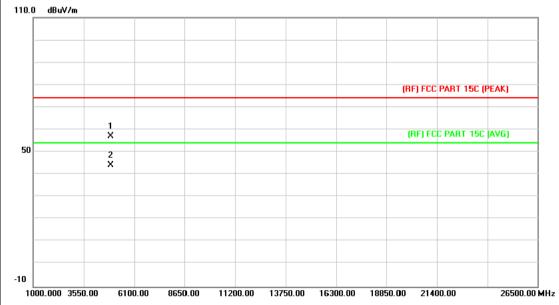


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.539	42.25	13.85	56.10	74.00	-17.90	peak
2	*	4874.942	29.35	13.86	43.21	54.00	-10.79	AVG



Page: 33 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Horizontal							
Test Mode:	TX G Mode 2462MHz	MIDS	THE PARTY OF					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							

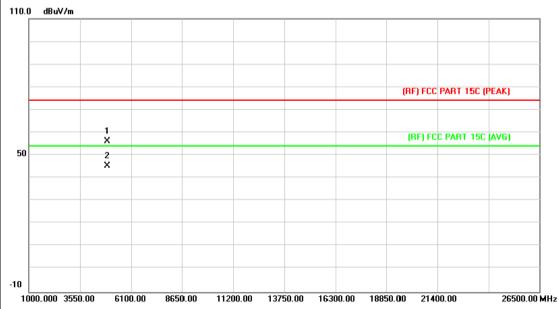


No.	Mk.	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.667	42.95	14.15	57.10	74.00	-16.90	peak
2	*	4925.494	30.05	14.16	44.21	54.00	-9.79	AVG



Page: 34 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX G Mode 2462MHz	MILLER	THE PARTY OF THE P					
Remark:	No report for the emission which more than 10 dB below the prescribed limit.							
1100 ID VI								



No.	Mk.	Freq.			Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4923.274	41.97	14.15	56.12	74.00	-17.88	peak
2	*	4923.892	31.16	14.15	45.31	54.00	-8.69	AVG



Page: 35 of 91

EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	25 °C Relative Humidity: 55%						
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ						
Ant. Pol.	Horizontal	Horizontal						
Test Mode:	TX N(HT20) Mode 2412M	Hz						
Remark:	No report for the emission which more than 10 dB below the							
	prescribed limit.							

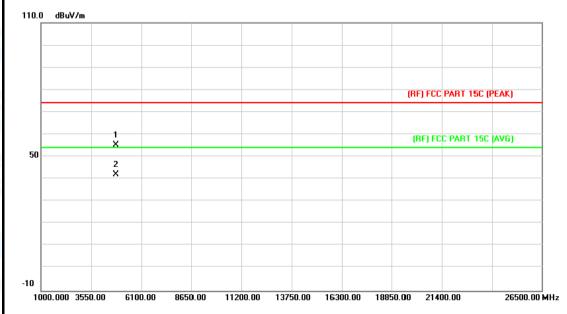


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.387	30.78	13.56	44.34	54.00	-9.66	AVG
2		4825.194	42.57	13.57	56.14	74.00	-17.86	peak



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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Vertical						
Test Mode:	TX N(HT20) Mode 2412M	Hz	THE PARTY OF				
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						

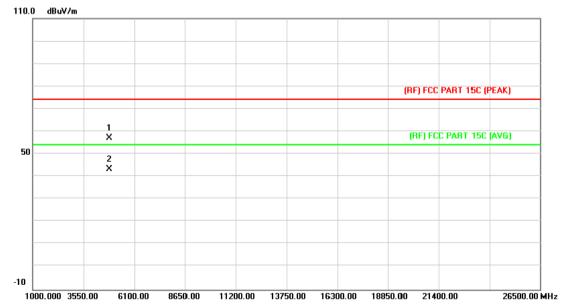


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4825.176	41.64	13.57	55.21	74.00	-18.79	peak
2	*	4825.353	28.59	13.57	42.16	54.00	-11.84	AVG



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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Horizontal						
Test Mode:	TX N(HT20) Mode 2437N	ИНz	A THURSDAY				
Remark:	No report for the emission	n which more than 10 de	3 below the				
	prescribed limit.						

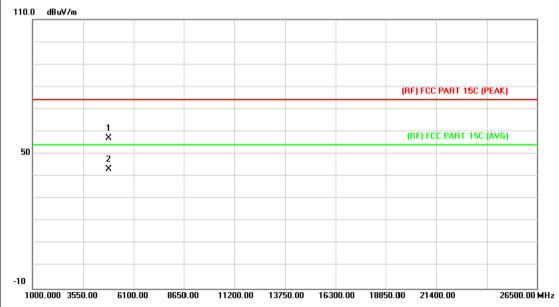


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.726	43.12	13.86	56.98	74.00	-17.02	peak
2	*	4874.882	29.33	13.86	43.19	54.00	-10.81	AVG



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EUT:	Tablet PC	Model:	SS5TAB			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60HZ					
Ant. Pol.	Vertical					
Test Mode:	TX N(HT20) Mode 2437M	Hz	THE PARTY OF			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

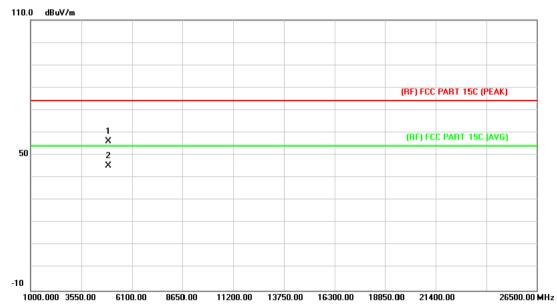


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.503	43.06	13.85	56.91	74.00	-17.09	peak
2	*	4872.503	29.34	13.85	43.19	54.00	-10.81	AVG



Page: 39 of 91

EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX N(HT20) Mode 2462MH	z	S Aller				
Remark:	No report for the emission v	which more than 10 dB	below the				
	prescribed limit.						

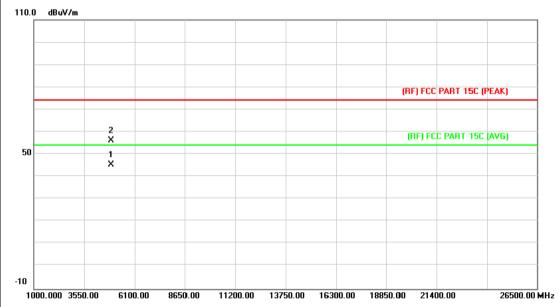


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4922.905	42.15	14.14	56.29	74.00	-17.71	peak
2	*	4924.201	31.21	14.15	45.36	54.00	-8.64	AVG



Page: 40 of 91

EUT:	Tablet PC	Model:	SS5TAB			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60HZ					
Ant. Pol.	Vertical	O				
Test Mode:	TX N(HT20) Mode 2462MH	z	a William			
Remark:	No report for the emission w	No report for the emission which more than 10 dB below the				
	prescribed limit.					
l						

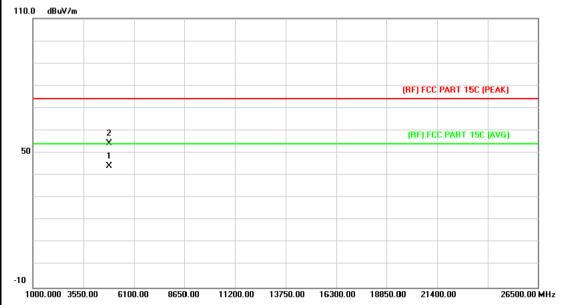


No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4922.746	31.23	14.14	45.37	54.00	-8.63	AVG
2		4923.274	42.04	14.15	56.19	74.00	-17.81	peak



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EUT:	Tablet PC	Model:	SS5TAB			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60HZ					
Ant. Pol.	Horizontal					
Test Mode:	TX N(HT40) Mode 2422M	Hz	J. Hilliam			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					



No.	Mk.	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4842.629	30.46	13.67	44.13	54.00	-9.87	AVG
2		4843.889	40.63	13.68	54.31	74.00	-19.69	peak



Page: 42 of 91

EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX N(HT40) Mode 2422MH	z	2				
Remark:	No report for the emission v	No report for the emission which more than 10 dB below the					
	prescribed limit.						
			l l				

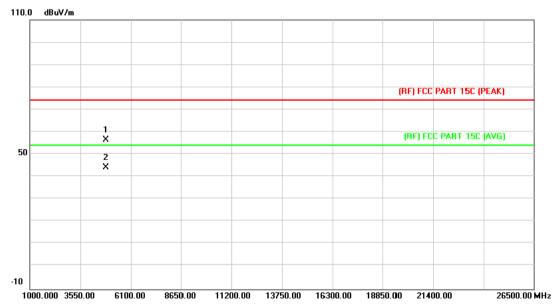


No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4844.012	40.63	13.68	54.31	74.00	-19.69	peak
2	*	4844.990	30.45	13.68	44.13	54.00	-9.87	AVG



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EUT:	Tablet PC	Model:	SS5TAB							
Temperature:	25 ℃	25 ℃ Relative Humidity: 55%								
Test Voltage:	AC 120V/60HZ	C 120V/60HZ								
Ant. Pol.	Horizontal									
Test Mode:	TX N(HT40) Mode 2437M	lHz								
Remark:	No report for the emission	No report for the emission which more than 10 dB below the								
	prescribed limit.	- N								

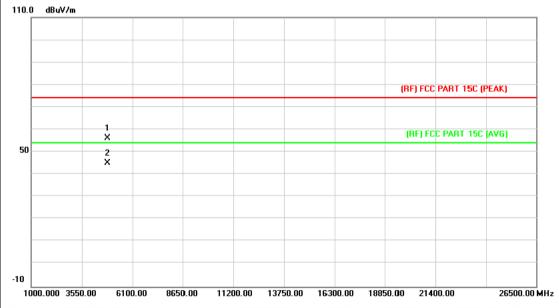


No.	Mk.	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.898	42.45	13.86	56.31	74.00	-17.69	peak
2	*	4874.150	30.26	13.86	44.12	54.00	-9.88	AVG



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EUT:	Tablet PC	Model:	SS5TAB							
Temperature:	25 °C Relative Humidity: 55%									
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ								
Ant. Pol.	Vertical									
Test Mode:	TX N(HT40) Mode 2437M	Hz								
Remark:	No report for the emission prescribed limit.	which more than 10 dE	3 below the							



No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.493	42.32	13.86	56.18	74.00	-17.82	peak
2	*	4874.024	31.05	13.86	44.91	54.00	-9.09	AVG



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EUT:	Tablet PC	Model:	SS5TAB						
Temperature:	25 ℃	25 ℃ Relative Humidity: 55%							
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ							
Ant. Pol.	Horizontal	Horizontal							
Test Mode:	TX N(HT40) Mode 2452M	lHz	THE PARTY OF THE P						
Remark:	No report for the emission	No report for the emission which more than 10 dB below the							
	prescribed limit.								



No.	Mk.	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4904.483	30.33	14.03	44.36	54.00	-9.64	AVG
2		4905.029	42.94	14.04	56.98	74.00	-17.02	peak



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EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 °C Relative Humidity: 55%							
Test Voltage:	AC 120V/60HZ							
Ant. Pol.	Vertical							
Test Mode:	TX N(HT40) Mode 2452Ml	Hz						
Remark: No report for the emission which more than 10 dB below the prescribed limit.								
Test Mode:	TX N(HT40) Mode 2452Ml No report for the emission		3 below the					



No.	Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4902.500	30.29	14.02	44.31	54.00	-9.69	AVG
2		4904.465	42.95	14.03	56.98	74.00	-17.02	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)

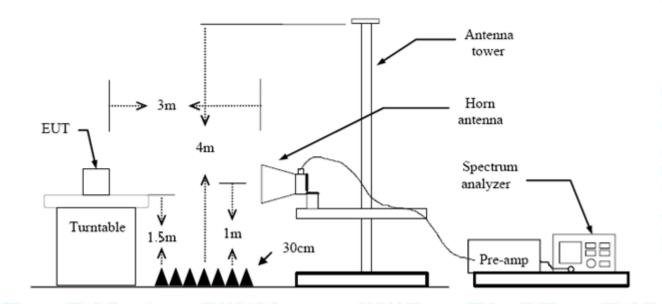
FCC Part 15.209

FCC Part 15.205

6.1.2 Test Limit

Restricted Frequency	Distance of 3m (dBuV/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:	SS5TAB						
Temperature:	25 ℃	Relative Humidity:	55%						
Test Voltage:	AC 120V/60HZ	AC 120V/60HZ							
Ant. Pol.	Horizontal	WILL DE	ALL DE						
Test Mode:	TX B Mode 2412MHz		13 - 6						
Remark:	N/A								



No.	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
1		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	40.92	0.77	41.69	74.00	-32.31	peak
2		2390.000	27.37	0.77	28.14	54.00	-25.86	AVG
3	*	2412.800	85.18	0.86	86.04	Fundamental F	Frequency	AVG
4	X	2413.100	90.36	0.86	91.22	Fundamental F	Frequency	peak



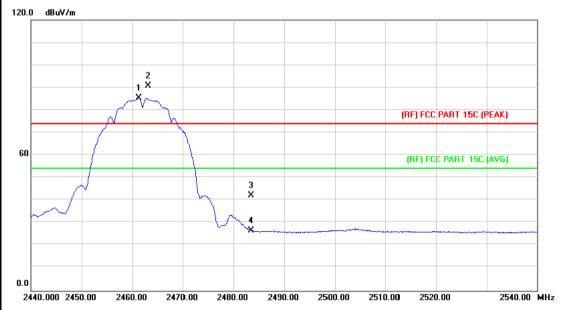
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UT:			Table	et PC		a 1	Mode	el:		SS5TAB	
empe	ratu	ıre:	25 °	С			Relat	ive Hu	midity:	55%	A Bridge
est Vo	olta	ge:	AC 1	120V/6	60HZ		110		60	11:30	
nt. P	ol.		Verti	cal		111	1		A G		
est M	lode	:	TXE	3 Mode	e 241	2MHz	_ 6	WIND		a W	A STATE OF THE PARTY OF THE PAR
emar	k:		N/A	10						35	
20.0 dl	BuV/m										
									3		
									XI.		
									\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7	
_									(RF) FCC	PART 15C (PEA	K)
60											
									(RF) FC	C PART 15C (AV	G)
							1 X				
							2	W			
0.0											
2334.00	00 23	44.00	2354.00	2364.0	0 23	74.00 2384	1.00 239	4.00 24	04.00 2414	1.00	2434.00 MH
No.	Mk	Fre	eq.	Lev	ding	Correct Facto		sure- ent	Limit	Over	
140.	IVIIX.										Detecto
		MH		dBı		dB/m		uV/m	dBuV/m		Detecto
		2390.	.000	42.	35	0.77	43	3.12	74.00	-30.88	peak
		2390.	.000	30.	03	0.77	30	0.80	54.00	-23.20	AVG
;	X	2411.	.000	94.	50	0.86	95	5.36	Fundament	tal Frequency	peak
, ,	k	2411.	400	89.	95	0.86	90).81	Fundamen	tal Frequency	AVG
											_



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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2461.300	84.27	1.07	85.34	Fundamental	Frequency	AVG
2	X	2463.100	89.60	1.08	90.68	Fundamenta	l Frequency	peak
3		2483.500	40.84	1.17	42.01	74.00	-31.99	peak
4		2483.500	25.46	1.17	26.63	54.00	-27.37	AVG



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EUT	Γ:		Tablet P	С		Mode	el:		SS5TAB	-	'n		
Tem	peratur	e:	25 ℃	Carl !	33	Relat	ive Hu	midity:	55%	Am			
Гest	t Voltage) :	AC 120\	V/60HZ		Dist.		673	U.S.				
۱nt.	. Pol.		Vertical		1030	Jan Brand		1 6					
est	t Mode:		TX B Mo	ode 2462	MHz	_ 6	11/10						
Rem	nark:		N/A	300	-50				33		ķ		
120.0) dBuV/m												
			2										
			1 ^X										
		- ſ^	- X-										
		$-$ / $^{\vee}$	Y\	\leftarrow				(RF) FC	C PART 15C (PE	AK)			
		1											
60		-		1				(BF) FO	CC PART 15C (A	VG1			
		1		h	3			```					
					×								
				V	4 X								
										*			
0.0													
	140.000 2450	.00 24	160.00 247	70.00 248	0.00 2490	.00 250	0.00 25	10.00 252	20.00	2540.00	л МН:		
				eading	Correc		asure-		_				
No	o. Mk.	Fre	q. L	evel	Facto	r m	ent	Limit	Over				
		MHz	, ,	dBuV	dB/m	dB	SuV/m	dBuV/r	n dB	Dete	cto		

No	. Mk	. Freq.	Level	Factor	ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2461.300	90.55	1.07	91.62	Fundamental I	Frequency	AVG
2	X	2462.000	97.55	1.08	98.63	Fundamental I	Frequency	peak
3		2483.500	43.93	1.17	45.10	74.00	-28.90	peak
4		2483.500	30.14	1.17	31.31	54.00	-22.69	AVG



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UT:			Table	et Po	0	0 N	Mode	el:		SS5TAB	
Гет	peratu	re:	25 °	С	e and		Rela	tive Hu	midity:	55%	
Test	Voltag	je:	AC 1	120V	//60HZ		J'ST		61	1130	
۹nt.	Pol.		Horiz	zonta	al	I THE		1	J C		
Test	Mode		TX	3 Mc	de 241	2MHz	. (MILE		2 W	No.
Rem	ark:		N/A	1	1	1	1			30	
20.0	dBuV/m										
									3 ×		
									4		
									(RF) FCC	PART 15C (PEA)	9
60											
									(RF) FC	C PART 15C (AVI	i)
						1 X	,				
						2	www.washamaa			The state of the s	
						X					
0.0											
2342	2.000 235	2.00 23	62.00	2372		82.00 2392.			12.00 2422	.00 2	2442.00 MH
	. Mk.	Fre	a.		ading evel	Correc Factor		asure- ient	Limit	Over	
No					CVCI	i dotoi	111				
No		MHz			BuV	dB/m		BuV/m	dBuV/m	dB	Detecto
		MH: 2390.0	Z	d			dB		dBuV/m 74.00	dB -30.81	
1			z 000	d 42	BuV	dB/m	dB	BuV/m			peak
No 1 2	X	2390.0	000	4: 2	BuV 2.42	dB/m 0.77	dB 43 28	3.19	74.00 54.00	-30.81	peak AVG peak



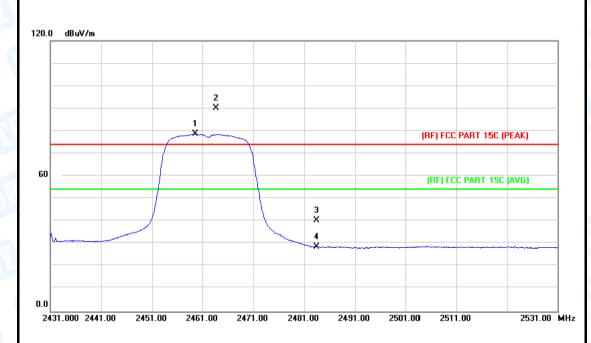
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UT	:		Tabl	et PC		Model:		SS5TAB	
еm	peratu	ıre:	25 °	°C	CA!	Relative	Humidity:	55%	The same
est	Volta	ge:	AC	120V/60HZ	7	2.0	Cill	1133	
\nt.	Pol.		Vert	ical	a Milli		a v		
est	Mode	:	TX (G Mode 24	12MHz		التال		A Reserve
Rem	ark:		N/A	A STATE				13	
120.0	dBu∀/n	1							
							3 ×		
							(RF) FCC	PART 15C (PEAI	g
60							(RF) FC	PART 15C (AVI	G)
					1.				
					X 2	promote la			
					· · · · · · · · · · · · · · · · · · ·				
0.0	12.000 23	52.00 23	362.00	2372.00	2382.00 2392.0	0 2402.00	2412.00 2422	00 1	2442.00 MI
No	o. Mk	. Fre	q.	Reading Level	Correct Factor	Measure ment	- Limit	Over	
		MH	Z	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto
1		2390.0	000	42.35	0.77	43.12	74.00	-30.88	peal
2		2390.0	000	29.66	0.77	30.43	54.00	-23.57	AVG
3	X	2408.6	600	95.47	0.85	96.32	Fundament	al Frequency	peal
)									



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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2462MHz	MIDS	THE PARTY OF THE P
Remark:	N/A		130



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2459.600	77.55	1.06	78.61	Fundamental	Frequency	AVG
2	Χ	2463.600	88.98	1.08	90.06	Fundamental	Frequency	peak
3		2483.500	39.19	1.17	40.36	74.00	-33.64	peak
4		2483.500	27.36	1.17	28.53	54.00	-25.47	AVG

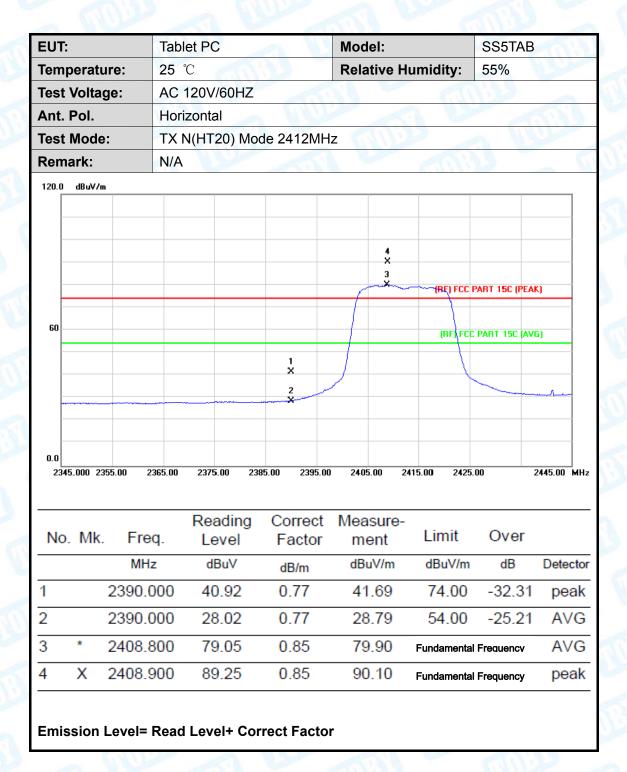


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EUT:			Tabl	et PC		Mod	lel:		SS5TAB	SS5TAB	
Tem	peratu	ıre:	25 °	C		Rela	itive H	umidity:	55%		
Test	Volta	ge:	AC	120V/60HZ		A'A		(iii)	133		
Ant.	Pol.		Vert	ical	I THU			J W			
Test	Mode):	TX (G Mode 246	2MHz		111/2		a W	1 leader	
Rem	ark:		N/A	Alle	1	1			13	_ (
120.0	dBuV/	n									
60				1 X 2 X		3 ×			PART 15C (PEAK C PART 15C (AVG		
0.0	31.000 2		2451.00	2461.00 24		4 ×	1.00 2	501.00 2511.	.00 2	531.00 MH:	
No	. Mk.	Fre	eq.	Reading Level	Correct Factor		sure- ent	Limit	Over		
		MH	Z	dBuV	dB/m	dBı	uV/m	dBuV/m	dB	Detecto	
						0.4	.36	Eundomonto	al Frequency	peak	
1	X	2463.	500	93.28	1.08	94	.30	rundamenta		•	
<u>. </u>	X *	2463. 2465.		93.28 84.28	1.08		5.37		al Frequency	AVG	
1 2 3			400			85					



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EUT:			Tabl	et PC	;		Mode	el:		SS5TAB	
Temp	peratu	ıre:	25 °	$^{\circ}$ C	TITLE	30	Relat	tive Hu	midity:	55%	Al British
Test	Volta	ge:	AC	120V	60HZ		110		(6)	TIES OF	
Ant.	Pol.		Vert	ical		0.11	Section 1				ARU.
Test	Mode	:	1XT	N(HT2	20) Mo	de 2412M	Hz	4/1/2			311
Rem	ark:		N/A	1					600	33	
120.0	dBuV/m										
								3			
								×	4		
									-X	0.0107.450.05	
F									(HF) FC	C PART 15C (PE	AKJ
60									(0.5)	CC PART 15C (A	Web
						1			(mr) F	CC PART TOC (A	Vaj
						×					
	~~~~					2					~
0.0											
2345	5.000 23	55.00 2	2365.00	2375.	00 238	95.00 2395.	00 240	5.00 2	415.00 242	25.00	2445.00 Mi
				Res	ading	Correc	t Mes	asure-			
No	. Mk	. Fre	eq.		evel	Factor		ent	Limit	Over	
		MH	łz	dE	BuV	dB/m	dB	uV/m	dBuV/n	n dB	Detecto
						0.77	1'	3.68	74.00	-30.32	2 peak
1		2390.	000	42	2.91	0.77	4,	5.00	74.00		
1		2390. 2390.			.13	0.77		1.90	54.00		AVG
1 2 3	X		000	31			3		54.00		



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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity	<b>7:</b> 55%
Test Voltage:	AC 120V/60HZ		MIN A
Ant. Pol.	Horizontal		
Test Mode:	TX N(HT20) Mode 2	462MHz	THE PARTY OF THE P
Remark:	N/A		1:33
120.0 dBuV/m			
	1.		
	2		
		(RF) F	CC PART 15C (PEAK)
60			
00		(RF)	FCC PART 15C (AVG)
		3 X	
		4	
		X	
0.0			
	2455.00 2465.00 2475.00	2485.00 2495.00 2505.00 2	2515.00 2535.00 MHz
No. Mk. Fre	_	orrect Measure- actor ment Limit	t Over

No.	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	2465.200	87.91	1.09	89.00	Fundamental	Frequency	peak
2	*	2467.300	78.58	1.10	79.68	Fundamental	Frequency	AVG
3		2483.500	41.93	1.17	43.10	74.00	-30.90	peak
4		2483.500	27.06	1.17	28.23	54.00	-25.77	AVG

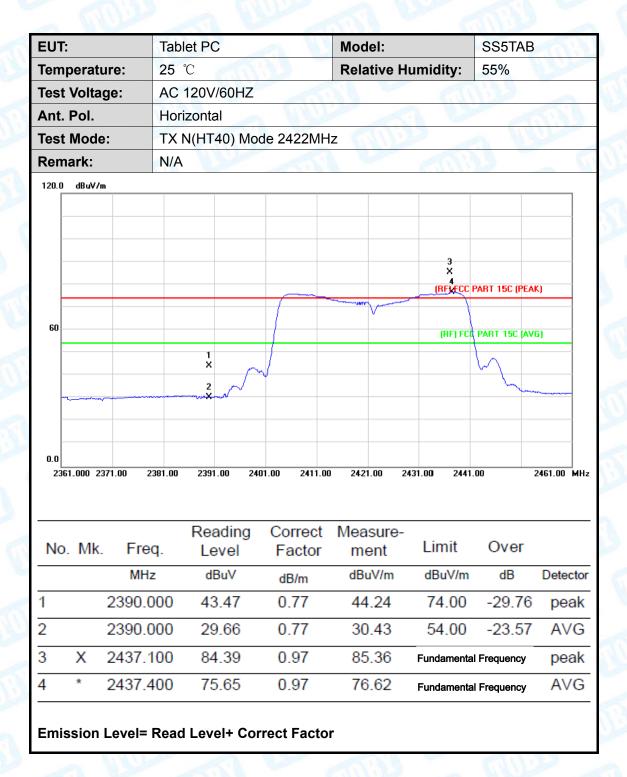


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EUT	:		Table	et PC	1		Mode	l:		SS5TAB	
Гem	perat	ure:	25 °	С		33	Relati	ive Hu	midity:	55%	
Tes	t Volta	ige:	AC 1	120V/6	0HZ	1	180		(A)	4.30	
Ant	Pol.		Verti	ical		0.37		1	av		
Tes	t Mod	e:	TXN	N(HT20	) Mo	de 2462M	Hz	11/10			
Ren	nark:		N/A	1/3	and the same					33	
120.0	dBuV/	m									
			1 X	2							
				×	7				(BE) FCC	PART 15C (PEA	n
									(iii ) i cc	TAIT 130 (I LAI	.,
60					-+				(BF) FC	C PART 15C (AV	G)
					_	3			(11)		
					· ·	×					
						4		M			
0.0	35.000 2	445.00 2	455.00	2465.00	0 247	75.00 2485.0	00 2495	5.00 2	505.00 251	5.00	2535.00 M
								-			
				Read	lina	Correct	Mea	SUITE-			
No	o. Mk	. Fre	q.	Read		Correct Factor		sure- ent	Limit	Over	
No	o. Mk	. Fre			'el		me		Limit dBuV/m		Detecto
No 1	X		z	Lev	el v	Factor	dBu	ent	dBuV/m		Detecto
1		MH	z 800	Lev dBu	vel IV 98	Factor dB/m	dBi	ent uV/m	dBuV/m	dB	
	X	MH. 2458.8	z 800 000	dBu 90.9	rel iV 98 79	Factor dB/m 1.06	92 83	ent uV/m 2.04	dBuV/m	dB al Frequency	peal



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EUT:	•		Tabl	et PC		Mod	del:		SS5TAB	500
Гет	peratu	ıre:	25 °	C	(A)	Rela	ative H	lumidity:	55%	A Bridge
Гest	Voltag	ge:	AC	120V/60HZ		N.C		611	1:30	
۹nt.	Pol.		Vert	ical	A PROPERTY			1 6		
Гest	Mode	:	1XT	N(HT40) Mc	de 2422MH	z	11/10		3 W	N. Carlot
Rem	ark:		N/A	ABOVE		7		CIII!	13	
120.0	dBuV/m									
						4 ×				
						X 3	~ ~~~~			
								(RF) FCC F	PART 15C (PEA	K)
60										
-				1 ×				(RF) FCD	PART 15C (AV	G)
				/	7)					
L	الملف براناها			×					\	~~~
0.0										
236	61.000 23	71.00 2	2381.00		101.00 2 <b>4</b> 11.00			431.00 2441.	00	2461.00 MH
No	o. Mk	. Fre	eq.	Reading Level	Correct Factor		sure- ent	Limit	Over	
		MH	lz	dBuV	dB/m	dB	uV/m	dBuV/m	dB	Detector
1		2390.	000	48.15	0.77	48	3.92	74.00	-25.08	peak
2		2390.	000	33.46	0.77	34	1.23	54.00	-19.77	AVG
3	*	2415.	000	80.87	0.88	81	1.75	Fundamenta	l Frequency	AVG
	Х			89.47	0.89		0.36			peak



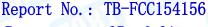
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UT:			Tab	et PC		Mode	l:		SS5TAB	
emp	eratu	ıre:	25	$^{\circ}$ C	130	Relati	ive Hu	ımidity:	55%	
est '	Volta	ge:	AC	120V/60H2	7	110		6.0	1130	
\nt.∣	Pol.		Hori	zontal	a UNI	1				SAN L
est	Mode	:	TXI	N(HT40) M	lode 2452N	Hz	11/10		a W	No.
Rema	ark:		N/A	ABOVE					35	
120.0	dBuV/m									
			1 X							
			2					(BE) ECC	PART 15C (PEA	(r)
		1	<u> </u>					(m)ree	TAIT TOCK EA	,
60						_		(BF) FC	C PART 15C (AV	<u>/G1</u>
							3			
		$\sim$				W	×			
-		1					4 **	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
0.0 2417	.000 24	27.00 2	2437.00	2447.00	2457.00 2467	.00 2477	7.00 2	2487.00 249	7.00	2517.00 MI
				Reading	Correc	t Mea	sure-			
No	. Mk	. Fre	eq.	Level	Factor		ent	Limit	Over	
		MH	lz	dBuV	dB/m	dBı	uV/m	dBuV/m	dB	Detecto
1	Х	2436.	100	86.81	0.97	87	.78	Fundamenta	al Frequency	peak
2	*	2436.	500	75.74	0.97	76	5.71		al Frequency	AVG
3		2483.	500	40.84	1.17	42	2.01	74.00	-31.99	peak
4		2483.	500	29.72	1.17	30	.89	54.00	-23.11	AVG



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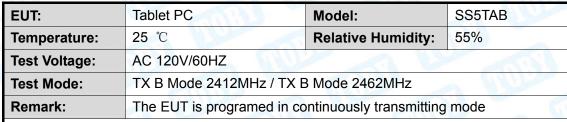
EUT:			Tabl	let PC	;	1		N	lode	el:				SS	S5TAB	A		
Temp	eratu	re:	25	$^{\circ}$	E III	113	3	F	Relat	ive l	lun	nidi	ty:	55	%		W	P
Test V	/oltag	ge:	AC	120V	/60H	Z		5	11				60	W,	30			
Ant. P	ol.		Vert	ical		A	111						6		100	K		
Test N	/lode	:	1XT	N(HT	40) N	1ode	2452	MHz	6	11/1		29		A	1	M		
Rema	rk:		N/A	10				Sili				d	m					ķ
120.0	dBuV/m																	
						1 X												
							2 X											
												(I	RF) FCC	PAR	T 15C (PE	AK)	_	
60																		
									1.0		3		(RF) FC	C PAI	RT 15C (A	(VG)		
	_	/							\\ \ \	\	× 4							
										~	Ÿ.	<b></b>						
0.0																		
					00	2457.00	24	67.00	2477	7.00	248	7 00	2497	7.00		2517	.00 N	4Hz
2417.	000 242	27.00 2	437.00	2447	.00						240	7.00						
2417.	000 242	27.00 2	437.00	2447	.00						240	7.UU						
2417.	000 242	27.00 2	437.00				2					7.00						
				Re	adin		Corre	ect	Mea	asur			mit		Over			
	000 242 Mk.	. Fre	eq.	Re:	adin( evel		Fact	ect or	Mea m	asur ent	e-	Li	mit		Over		otos	to
No.	Mk.	. Fre	eq.	Rea Le	adinç evel BuV		Fact dB/m	ect or	Mea m dB	asur ent uV/n	e- n	Li	mit BuV/m		dB	D	etec	
No.		Fre MH 2456.	eq. Iz	Red Le	adinç evel BuV 9.26		Fact dB/m 1.05	ect or	Mea m dB	asur ent uV/n 0.31	e- 1	Li	mit BuV/m			D	pea	ak
No.	Mk.	. Fre	eq. Iz	Red Le	adinç evel BuV		Fact dB/m	ect or	Mea m dB	asur ent uV/n	e-	Li dE Fund	mit BuV/m	al Fro	dB	D		ak
No.	Mk.	Fre MH 2456.	eq. Iz 500	Re: Le d 89	adinç evel BuV 9.26		Fact dB/m 1.05	ect or	Mea m dB 90	asur ent uV/n 0.31	e-	Li dE Fund Fund	mit BuV/m	al Fro	dB equency	D	pea	ak G

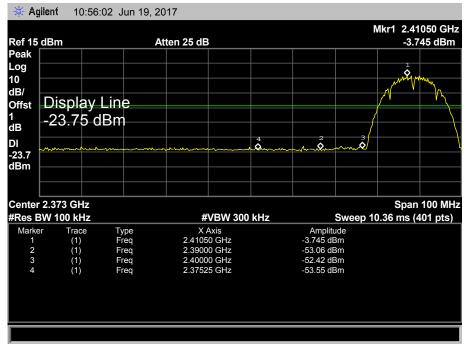


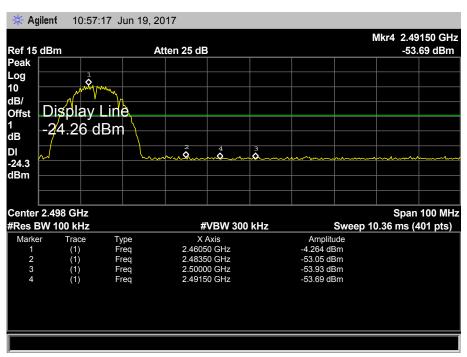


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### (2) Conducted Test





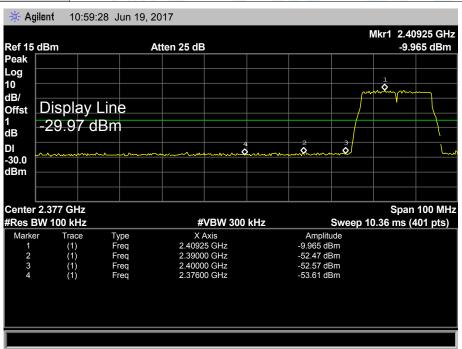


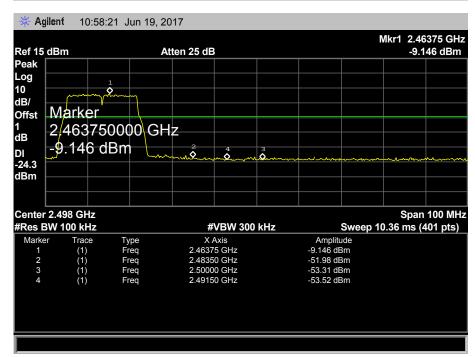




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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ		1339				
Test Mode:	TX G Mode 2412MHz / TX (	TX G Mode 2412MHz / TX G Mode 2462MHz					
Remark:	The EUT is programed in co	entinuously transmitting	mode				



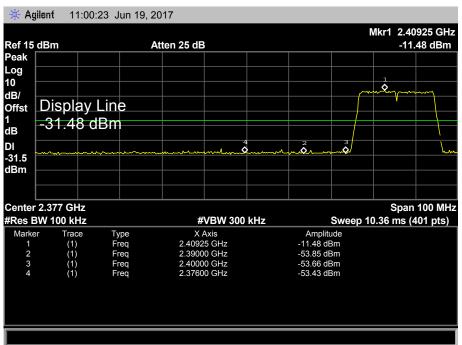


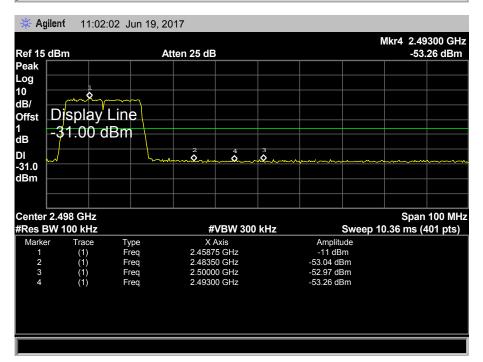


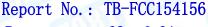


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EUT:	Tablet PC	Model:	SS5TAB					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60HZ	37	133					
Test Mode:	TX N(HT20) Mode 2412MH	TX N(HT20) Mode 2412MHz / TX N(HT20) Mode 2462MHz						
Remark:	The EUT is programed in co	The EUT is programed in continuously transmitting mode						



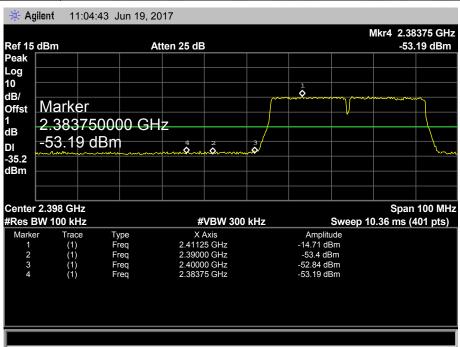


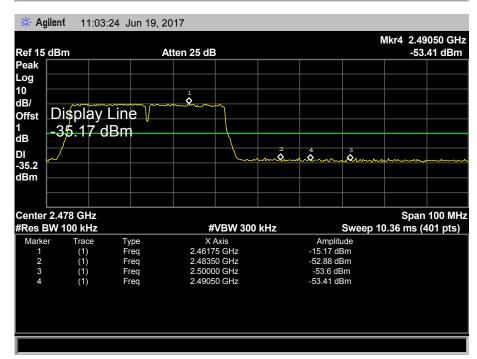




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EUT:	Tablet PC	Model:	SS5TAB				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60HZ	31 - 01	133				
Test Mode:	TX N(HT40) Mode 2422MH	z / TX N(HT40) Mode 24	52MHz				
Remark:	The EUT is programed in co	The EUT is programed in continuously transmitting mode					







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# 7. Bandwidth Test

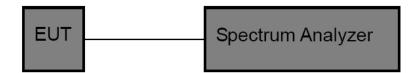
#### 7.1 Test Standard and Limit

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

7.1.2 Test Limit

FCC	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.



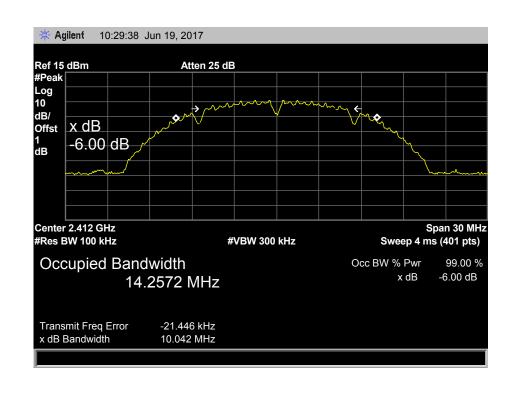
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## 7.5 Test Data

Tablet PC	Model:	SS5TAB
25 ℃	Relative Humidity:	55%
AC 120V/60HZ		
TX 802.11B Mode	a William	0
cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)
10.042	14.2572	
10.025	14.2602	>=0.5
10.048	14.2439	
	25 °C  AC 120V/60HZ  TX 802.11B Mode  cy 6dB Bandwidth (MHz) 10.042 10.025	25 °C Relative Humidity:  AC 120V/60HZ  TX 802.11B Mode  cy 6dB Bandwidth (MHz) (MHz)  10.042 14.2572  10.025 14.2602

#### 802.11B Mode

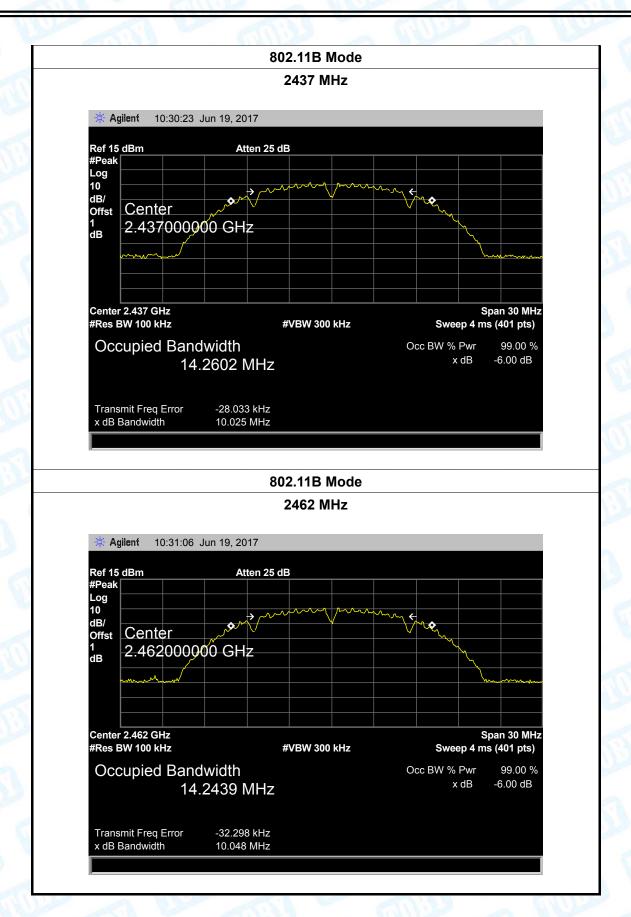
#### 2412 MHz







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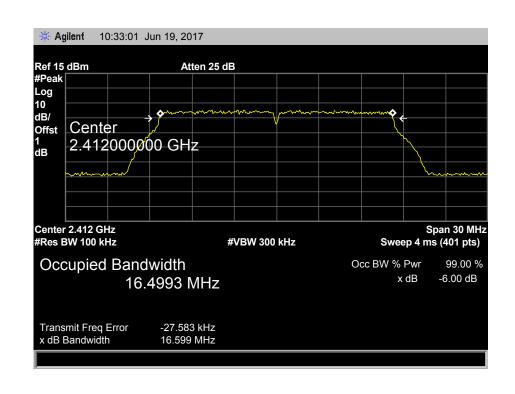


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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ	31	133
Test Mode:			
Channel frequence	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2412	16.599	16.4993	
2437	16.589	16.4934	>=0.5
2462	16.591	16.5564	
	802 11G I	Mode	•

## 802.11G Mode

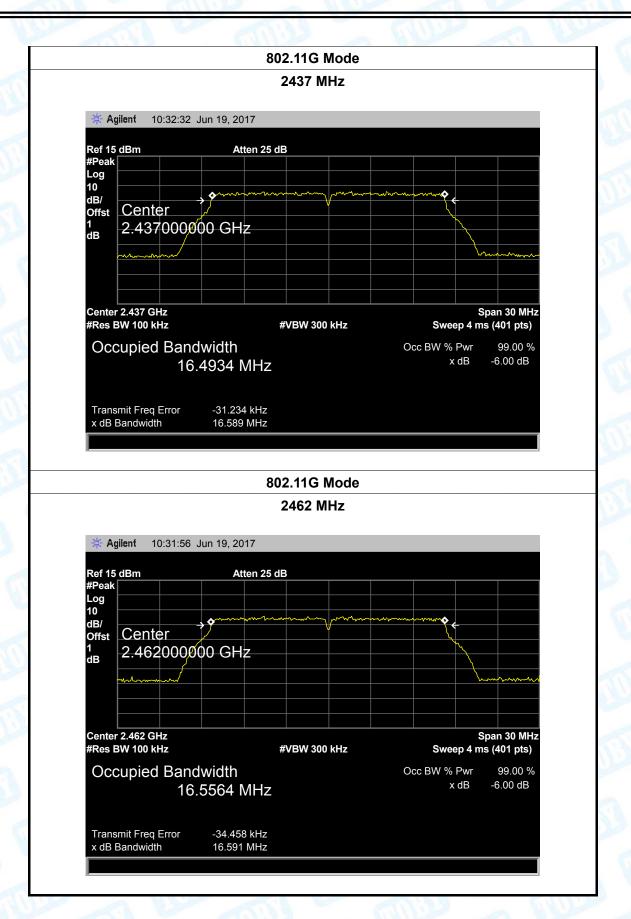
#### 2412 MHz





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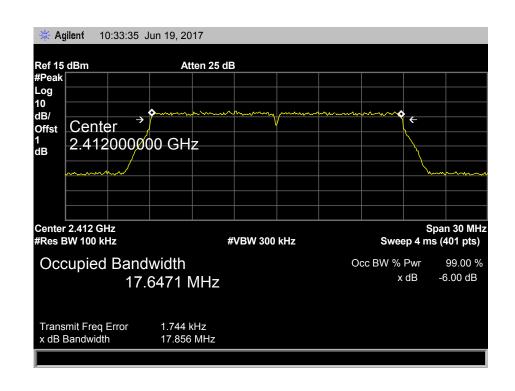






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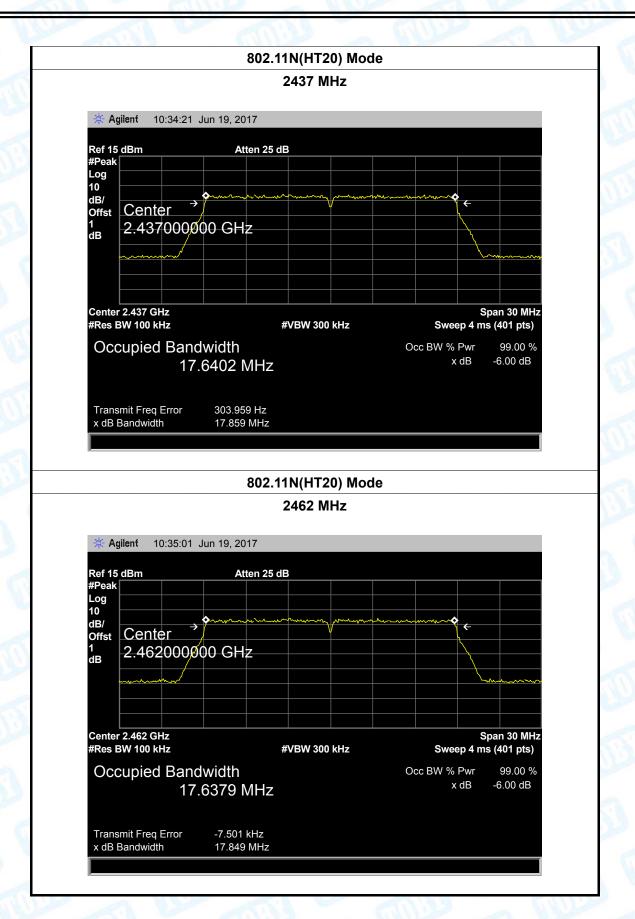
EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ		133
Test Mode:	Test Mode: TX 802.11N(HT20) Mode		
Channel frequency 6dB Bandwidth		99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2412	17.856	17.6471	
2437	17.859	17.6402	>=0.5
2462	17.849	17.6379	
802.11N(HT20) Mode			





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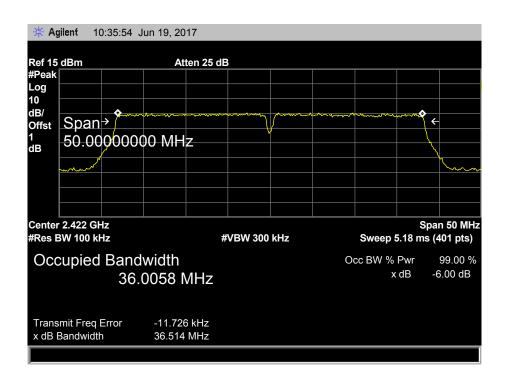


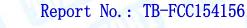




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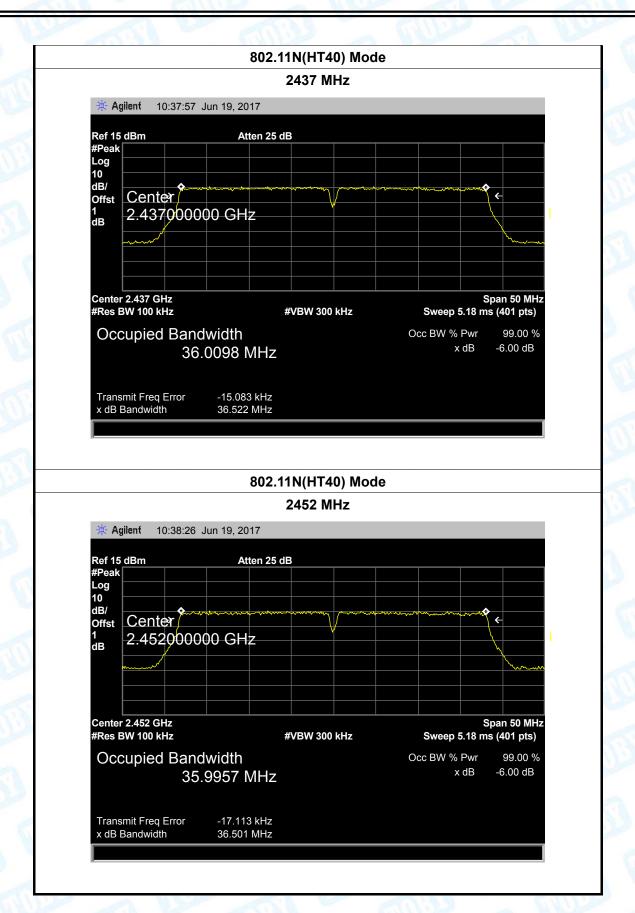
EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ	THU:	77
Test Mode:	Test Mode: TX 802.11N(HT40) Mode		
Channel frequen	cy 6dB Bandwidth	99% Bandwidth	Limit
(MHz)	(MHz)	(MHz)	(MHz)
2422	36.514	36.0058	
2437	36.522	36.0098	>=0.5
2452	36.501	35.9957	
	802.11N(HT	Г40) Mode	





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# 8. Peak Output Power Test

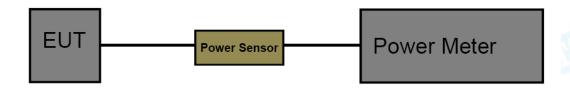
#### 8.1 Test Standard and Limit

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 v04. 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

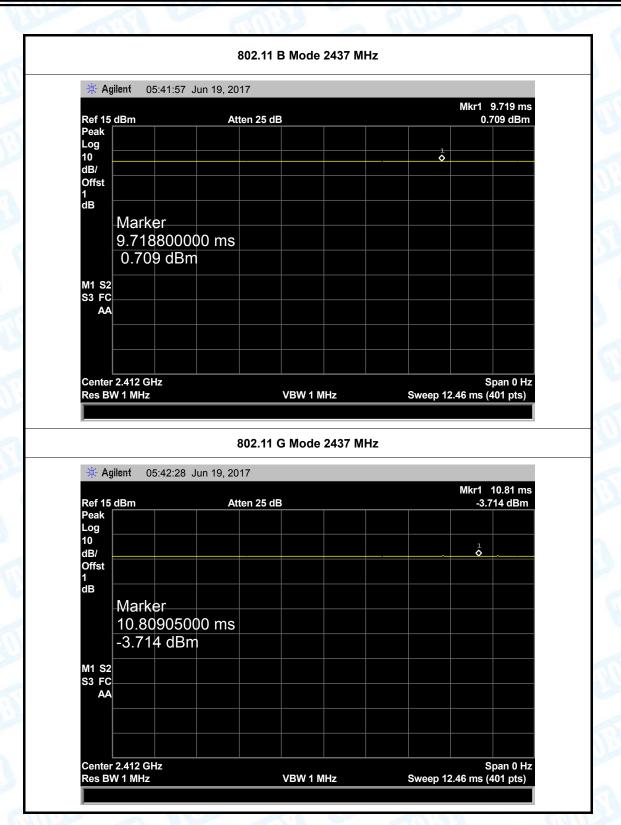
EUT:	Tablet PC	Model:	SS5TAB
Temperature:	<b>25</b> ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60HZ		
Mode	Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
	2412	9.76	
802.11b	2437	9.80	
	2462	9.40	
	2412	9.16	
802.11g	2437	9.78	
	2462	9.22	30
902 44 m	2412	8.52	30
802.11n (HT20)	2437	8.33	
(11120)	2462	8.75	
902 44 m	2422	7.78	
802.11n (HT40)	2437	7.30	
(11140)	2452	7.29	
	Resu	ult: PASS	

	Duty Cycle	e
Mode	Channel frequency (MHz)	Test Result
	2412	
802.11b	2437	
	2462	
	2412	
802.11g	2437	
	2462	>98%
000 44	2412	<b>&gt;90</b> %
802.11n (HT20)	2437	
(11120)	2462	
000 44.5	2422	
802.11n (HT40)	2437	
(П140)	2452	
ease see belo	w plots	



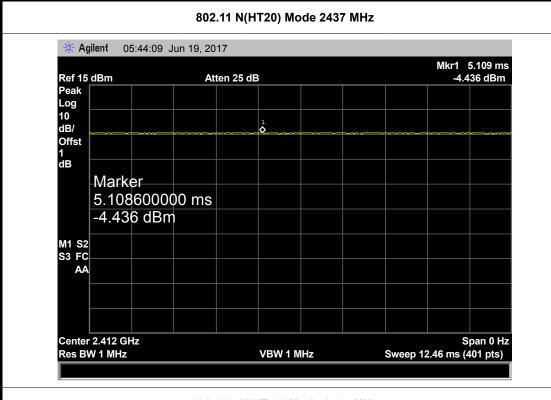
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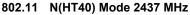


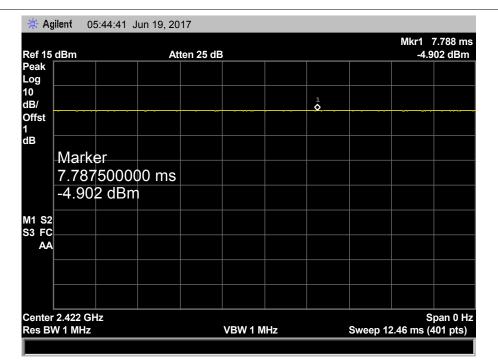




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# 9. Power Spectral Density Test

#### 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(MH			
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 v04.

- (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.

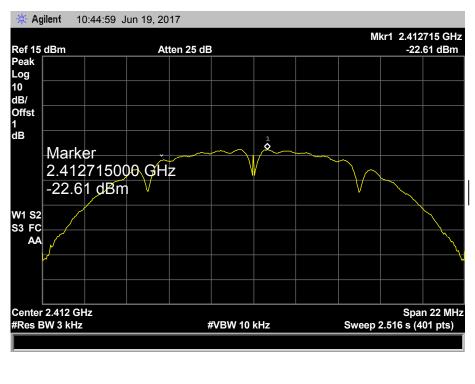


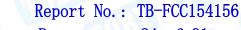
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### 9.5 Test Data

EUT:	Tablet PC	4000	Model:	SS5TAB
Temperature:	25 ℃		Relative Humidit	ty: 55%
Test Voltage:	AC 120V/60HZ			
Test Mode:	TX 802.11B Mode			
Channel Frequency	annel Frequency Power Density Limit		Limit	
(MHz)	(MHz) (dBm/		kHz)	(dBm)
2412		-22.61		
2437		-22.45		8
2462		-23.27		
		000 445	NA1 -	

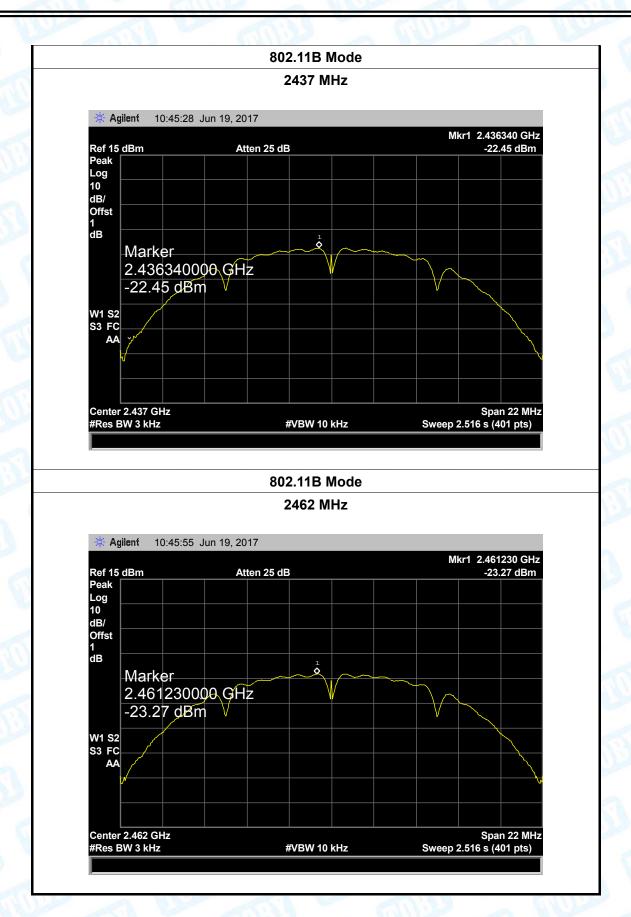
#### 802.11B Mode







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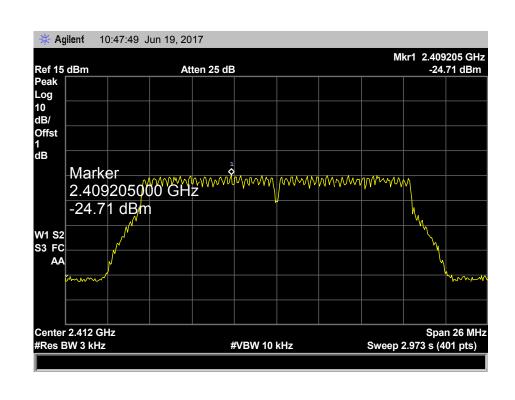


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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage: AC 120V/60HZ			
Test Mode:	TX 802.11G Mode		

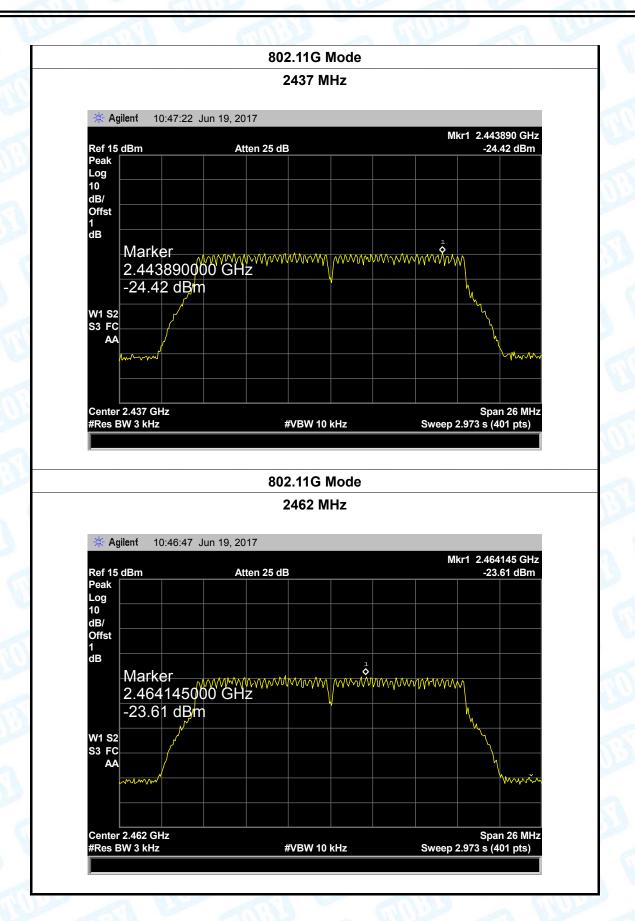
Channel Frequency	Power Density	Limit
(MHz)	(dBm/3 kHz)	(dBm)
2412	-24.71	
2437	-24.42	8
2462	-23.61	

#### 802.11G Mode











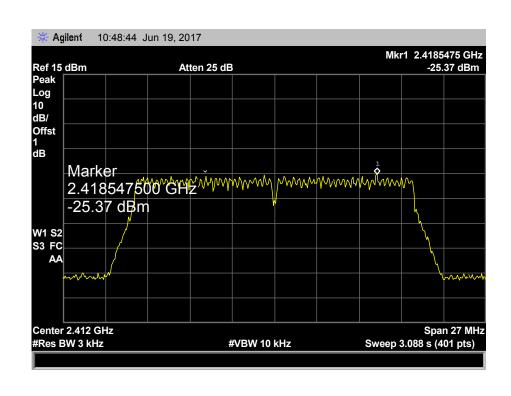
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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	AC 120V/60HZ	81 - 6	

Test Mode: TX 802.11N(HT20) Mode

Channel Frequency	Power Density	Limit
(MHz)	(dBm/3 kHz)	(dBm)
2412	-25.37	
2437	-25.51	8
2462	-25.90	

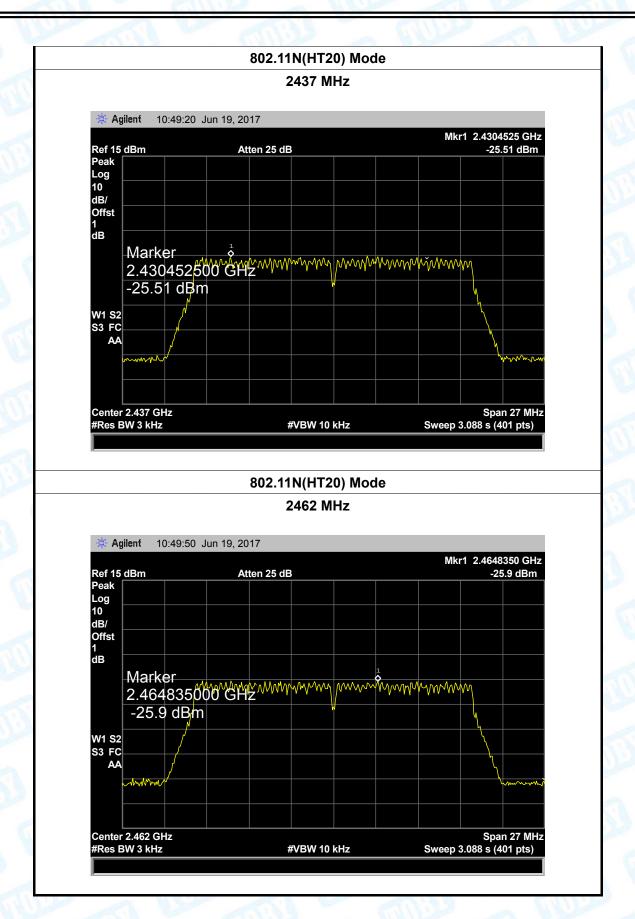
#### 802.11N(HT20) Mode







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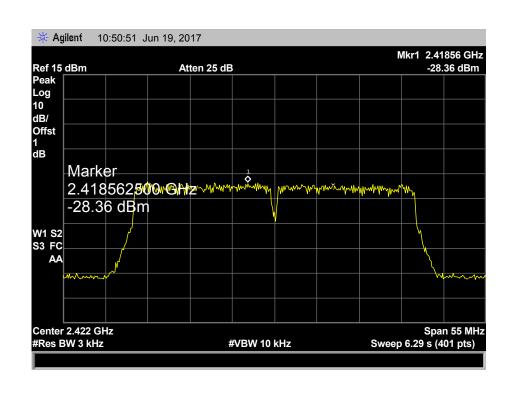


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EUT:	Tablet PC	Model:	SS5TAB
Temperature:	25 ℃	Temperature:	25 ℃
Test Voltage:	AC 120V/60HZ		
Test Mode:	TX 802 11N(HT40) Mode		

		The state of the s
Channel Frequency	Power Density	Limit
(MHz)	(dBm/3 kHz)	(dBm)
2422	-28.36	
2437	-29.25	8
2452	-28.64	

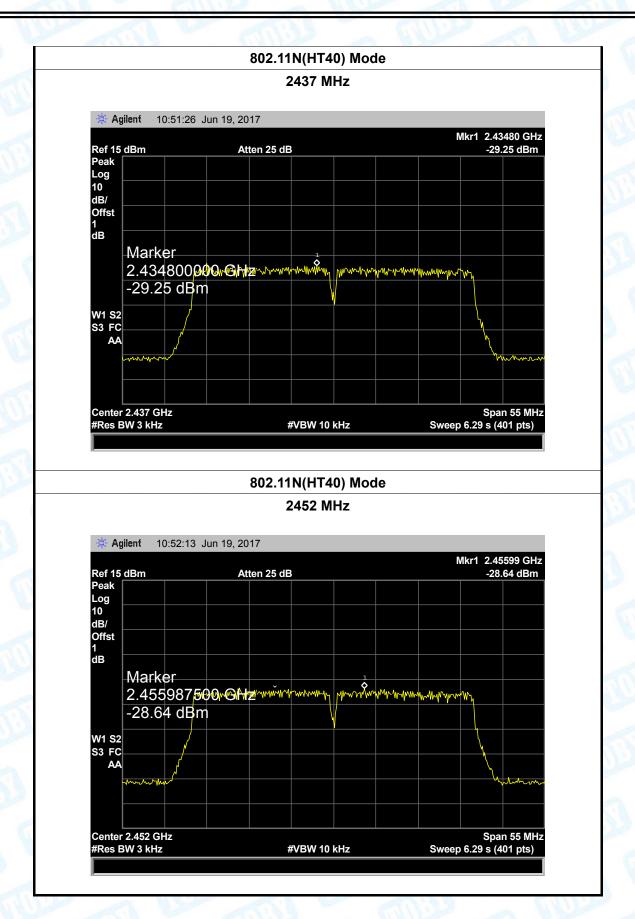
#### 802.11N(HT40) Mode







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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 2dBi, 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 FPC Antenna. It complies with the standard requirement.

Antenna Type		
	Permanent attached antenna	
	⊠Unique connector antenna	000
	☐Professional installation antenna	1000

----END OF REPORT----