Report No: CCIS15120098206

FCC REPORT

Applicant: Grand Electronics, INC

Address of Applicant: 11650 Brentcross Dr Tomball, TX 77377 ,United States

Equipment Under Test (EUT)

Product Name: Tablet

Model No.: G7, G7s, G7ultra, G7x, P7

Trade mark: NeuTab

FCC ID: 2AGNK-G7

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 16 Dec., 2015

Date of Test: 16 Dec., 2015 to 19 Jan., 2016

Date of report issued: 20 Jan., 2016

Test Result: Pass *

Authorized Signature:



Bruce Zhang Laboratory Manager

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 and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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^{*} In the configuration tested, the EUT complied with the standards specified above.





2 Version

Version No.	Date	Description
00	20 Jan., 2016	Original

Tested by: Date: 20 Jan., 2016

Test Engineer

Reviewed by: Date: 20 Jan., 2016

Project Engineer





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4 Test Summary

Test Item	Section in CFR 47	Result	
Conducted Emission	Part 15.107	Pass	
Radiated Emission	Part 15.109	Pass	

Pass: The EUT complies with the essential requirements in the standard.



Report No: CCIS15120098206

5 General Information

5.1 Client Information

Applicant:	Grand Electronics, INC
Address of Applicant:	11650 Brentcross Dr Tomball, TX 77377 ,United States
Manufacturer	GRAND ELECTRI-TECH GLOBAL TRADING LIMITED
Address of Manufacturer:	UNIT 04, 7/F, BRIGHT WAY TOWER, NO. 33 MONG KOK ROAD, KOWLOON, HK.
Factory:	Shenzhen Adreamer Technology Co., Ltd.
Address of Factory:	Building A2, Silicon Valley Dynamic Qinghu Garden, Dahe Rd., Longhua Dist, Shenzhen, 518109

5.2 General Description of E.U.T.

Product Name:	Tablet		
Model No.: G7, G7s, G7ultra, G7x, P7			
Power supply:	Rechargeable Li-ion Battery DC3.7V-2800mAh		
	Model: FLD0710-5.0V2.00A		
AC adapter :	Input: AC100-240V 50/60Hz 0.3A		
	Output: DC 5.0V, 2.0A		

5.3 Test Mode

Operating mode	Detail description		
PC mode	Keep the EUT in Downloading mode(Worst case)		
Charging+Recording mode	Keep the EUT in Charging+Recording mode		
Charging+Playing mode	Keep the EUT in Charging+Playing mode		
FM mode	Keep the EUT in FM receiver mode		
GPS mode	Keep the EUT in GPS receiver mode		

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.



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5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX745	N/A	DoC
DELL	DELL MONITOR		N/A	DoC
DELL	KEYBOARD	SK-8115	N/A	DoC
DELL	DELL MOUSE		N/A	DoC
HP	Printer	CB495A	05257893	DoC

5.5 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in out files. Registration 817957, February 27, 2012.

• IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

• CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

5.6 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755-23118282 Fax: +86-755-23116366



Report No: CCIS15120098206

5.7 Test Instruments list

Radia	Radiated Emission:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)				
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017				
2	BiConiLog Antenna SCHWARZBECK		VULB9163	CCIS0005	03-28-2015	03-28-2016				
3	Horn Antenna SCHWARZBECK		BBHA9120D	CCIS0006	03-28-2015	03-28-2016				
4	Pre-amplifier (10kHz-1.3GHz)	HP	8447D	CCIS0003	04-01-2015	03-31-2016				
5	Pre-amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	04-01-2015	03-31-2016				
6	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP30	CCIS0023	03-28-2015	03-28-2016				
7	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	03-28-2015	03-28-2016				

Cond	Conducted Emission:										
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)					
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	08-23-2014	08-22-2017					
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-28-2015	03-28-2016					
3	LISN	CHASE	MN2050D	CCIS0074	03-28-2015	03-28-2016					
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2015	03-31-2016					



6 Test results and Measurement Data

6.1 Conducted Emission

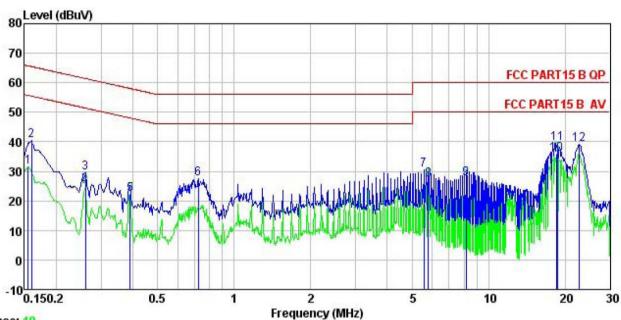
Test Requirement: Test Method: ANSI C63.4:2009 Test Frequency Range: Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56° 56 to 46° 0.5-5 56 46 0.5-30 60 50 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Auguipment E.U.T Test setup: Reference Plane LISN Auguipment E.U.T Test setup are specified as a stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance of the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 505hm/50uH coupling impedance with 500hn termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Temp.: 23 °C Humid: 56% Press: 101kPa Measurement Record: Refer to section 5.7 for details Test mode: Refer to section 5.3 for details	o.i Conducted Linissi	011								
Test Frequency Range: 150kHz to 30MHz Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 66 to 56* 56 to 46* 0.5-30 60 50 *Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Fequency range (MHz) Quasi-peak Average 0.15-0.5-30 60 50 *Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Equipment List Flat to Flat table Insulation plane Receiver Test procedure 1. The E.U.T and simulators are connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through the impedance with 50ohn termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test mode: Refer to section 5.7 for details	Test Requirement:	FCC Part 15 B Section 15.107								
Class / Severity: Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56° 56 to 46° 0.5-30 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Aux EUT Expansment Under Test LISN Line Prayedows Stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Temp: 23 °C Humid.: 56% Press:: 101kPa Measurement Record: Refer to section 5.7 for details Refer to section 5.3 for details	Test Method:	ANSI C63.4:2009								
Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Ouasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-30 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Aux Equipment LISN Filter Ac power EMI Receiver Test procedure 1. The E.U.T and simulators are connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance with 500hm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test mode: Refer to section 5.3 for details	Test Frequency Range:	150kHz to 30MHz								
Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-30 60 50 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN 40cm 40cm 40cm 40cm 40cm 40cm 40cm 40cm	Class / Severity:	Class B								
Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 0.5-30 60 50 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN 40cm 80cm Filter Ac power LISN Filter LISN Filter LISN Filter LISN Ac power LISN Filter LISN Filter LISN Line impedance Stabilization network(L.1.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network(L.1.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance with 500hn termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test Instruments: Refer to section 5.7 for details	Receiver setup:	RBW=9kHz, VBW=30kHz	RBW=9kHz, VBW=30kHz							
Test procedure 1. The E.U.T and simulators are connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance with 50ohn termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test Instruments: Refer to section 5.7 for details	Limit:		Limit	(dBµV)						
Test setup: Reference Plane		Frequency range (MHZ)	Quasi-peak	Average						
Test setup: Reference Plane										
* Decreases with the logarithm of the frequency. Test setup: Reference Plane										
Test setup: Reference Plane			0.5-30 60 50							
Test procedure 1. The E.U.T and simulators are connected to the main power through line impedance stabilization network (L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through line impedance stabilization network (L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test Instruments: Refer to section 5.7 for details		^ Decreases with the logaritr	nm of the frequency.							
line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power throug a LISN that provides a 500hm/50uH coupling impedance with 500hn termination. (Please refers to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be chang according to ANSI C63.4: 2009 on conducted measurement. Test environment: Temp.: 23 °C Humid.: 56% Press.: 101kPa Measurement Record: Uncertainty: ±3.28dB Test Instruments: Refer to section 5.7 for details Refer to section 5.3 for details	Test procedure	AUX Filter AC power Equipment E.U.T Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network								
Measurement Record: Test Instruments: Refer to section 5.7 for details Test mode: Refer to section 5.3 for details	rest procedure	line impedance stabilization 500hm/50uH coupling impedance and 2. The peripheral devices are a LISN that provides a 50 termination. (Please refers photographs). 3. Both sides of A.C. line are interference. In order to find positions of equipment and	on network(L.I.S.N.). The pedance for the measure also connected to the ohm/50uH coupling imports to the block diagram are checked for maximum and the maximum emissing all of the interface care	ne provide a ring equipment. e main power through pedance with 500hm of the test setup and m conducted sion, the relative lbles must be changed						
Test Instruments: Refer to section 5.7 for details Test mode: Refer to section 5.3 for details	Test environment:	Temp.: 23 °C Hur	nid.: 56% Pr	ess.: 101kPa						
Test mode: Refer to section 5.3 for details	Measurement Record:		U	ncertainty: ±3.28dB						
	Test Instruments:	Refer to section 5.7 for detail								
	Test mode:	Refer to section 5.3 for detail	ils							
Test results: Pass	Test results:	Pass								





Measurement data:

Line:



Trace: 19 Site

: CCIS Shielding Room : FCC PART15 B QP LISN LINE Condition

: Tablet : G7 EUT Model Test Mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: MT

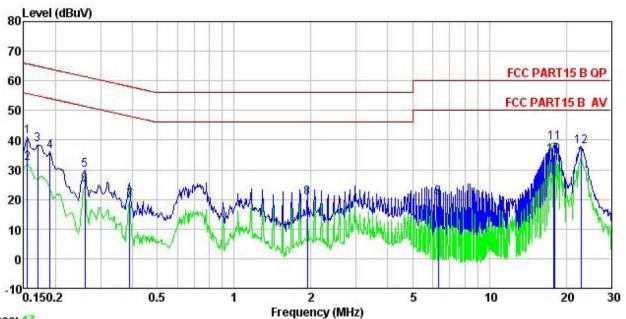
Remark

Freq	Read Level	LISN Factor		Level	Limit Line	Over Limit	Remark
MHz	dBu∇	<u>dB</u>	₫B	dBu₹	dBu₹	dB	
0.155	20.57	0.27	10.78	31.62	55.74	-24.12	Average
0.160	29.32	0.27	10.78	40.37	65.47	-25.10	QP
0.260	18.45	0.27	10.75	29.47	61.42	-31.95	QP
0.260	13.79	0.27	10.75	24.81	51.42	-26.61	Average
0.389	11.19	0.28	10.72	22.19	48.08	-25.89	Average
0.724	16.67	0.22	10.78	27.67	56.00	-28.33	QP
5.564	19.30	0.30	10.83	30.43	60.00	-29.57	QP
5.805	16.01	0.31	10.83	27.15	50.00	-22.85	Average
8.148	16.33	0.32	10.86	27.51	50.00	-22.49	Average
18.524	24.49	0.33	10.91	35.73	50.00	-14.27	Average
18.721	28.28	0.34	10.91	39.53	60.00	-20.47	QP
22.775	27.70	0.44	10.89	39.03	60.00	-20.97	QP
	Freq 0.155 0.160 0.260 0.260 0.389 0.724 5.564 5.805 8.148 18.524 18.721	Read Level MHz dBuV 0.155 20.57 0.160 29.32 0.260 18.45 0.260 13.79 0.389 11.19 0.724 16.67 5.564 19.30 5.805 16.01 8.148 16.33 18.524 24.49 18.721 28.28	Read LISN Freq Level Factor MHz dBuV dB 0.155 20.57 0.27 0.160 29.32 0.27 0.260 18.45 0.27 0.260 13.79 0.27 0.389 11.19 0.28 0.724 16.67 0.22 5.564 19.30 0.30 5.805 16.01 0.31 8.148 16.33 0.32 18.524 24.49 0.33 18.721 28.28 0.34	Read LISN Cable Level Factor Loss MHz dBuV dB dB	Read LISN Loss Cable Level MHz dBuV dB dB dBuV 0.155 20.57 0.27 10.78 31.62 0.160 29.32 0.27 10.78 40.37 0.260 18.45 0.27 10.75 29.47 0.260 13.79 0.27 10.75 24.81 0.389 11.19 0.28 10.72 22.19 0.724 16.67 0.22 10.78 27.67 5.564 19.30 0.30 10.83 30.43 5.805 16.01 0.31 10.83 27.15 8.148 16.33 0.32 10.86 27.51 18.524 24.49 0.33 10.91 35.73 18.721 28.28 0.34 10.91 39.53	Read LISN Cable Limit	Read LISN Cable Limit Over Limit Limit





Neutral:



Trace: 17

Site

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL Condition

EUT Tablet Model : G7
Test Mode : PC mode
Power Rating : AC 120V/60Hz

Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: MT

Kemark	:							
		Read	LISN	Cable		Limit	Over	
	Freq	Level	Factor	Loss	Level	Line	Limit	Remark
-	MHz	dBu∇		₫B	dBu₹	−−dBuV	<u>d</u> B	
1	0.155	30.17	0.25	10.78	41.20	65.74	-24.54	QP
2	0.155	20.99	0.25	10.78	32.02	55.74	-23.72	Average
3	0.170	27.31	0.25	10.77	38.33	64.94	-26.61	QP
4	0.190	25.00	0.25	10.76	36.01	64.02	-28.01	QP
5	0.260	18.98	0.26	10.75	29.99	61.42	-31.43	QP
1 2 3 4 5 6 7 8	0.260	14.01	0.26	10.75	25.02	51.42	-26.40	Average
7	0.389	8.60	0.25	10.72	19.57	48.08	-28.51	Average
8	1.939	9.40	0.29	10.96	20.65	46.00	-25.35	Average
9	6.319	9.40	0.27	10.81	20.48	50.00	-29.52	Average
10	17.849	23.69	0.26	10.90	34.85	50.00	-15.15	Average
11	17.944	27.99	0.26	10.90	39.15	60.00	-20.85	QP
12	22.896	26.64	0.40	10.89	37.93	60.00	-22.07	QP

Notes:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.





6.2 Radiated Emission

6.2 Radiated Emission									
Test Requirement:	FCC Part 15 B Section 15.109								
Test Method:	ANSI C63.4:2009								
Test Frequency Range:	30MHz to 6000MHz								
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)								
Receiver setup:	Frequency Detector RBW VBW Remark								
·	30MHz-1GHz	Quasi-	-		300k		Quasi-peak Value		
	Above 1GHz	Pe		1MHz	3MF		Peak Value		
Limit:	RMS 1MHz 3MHz Frequency Limit (dBuV/m @3m)					72	Average Value Remark		
Lillit.	30MHz-88M		Liiiit	40.0	20111)	(Quasi-peak Value		
	88MHz-216N			43.5			Quasi-peak Value		
	216MHz-960			46.0			Quasi-peak Value		
	960MHz-1G			54.0			Quasi-peak Value		
				54.0			Average Value		
	Above 1GI	Ηz		74.0			Peak Value		
Test setup:	Below 1GHz								
	Search Antenna RF Test Receiver Tum 0.8m 1m Table Ground Plane								
	Above 1GHz								
	SOCM SOCM	E EUT	3m						





Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.							
	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.							
	3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.							
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.							
	5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.							
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.							
Test environment:	Temp.: 25 °C Humid.: 55% Press.: 1 01kPa							
Measurement Record:	Uncertainty: ±4.88dB							
Test Instruments:	Refer to section 5.7 for details							
Test mode:	Refer to section 5.3 for details							
Test results:	Passed							

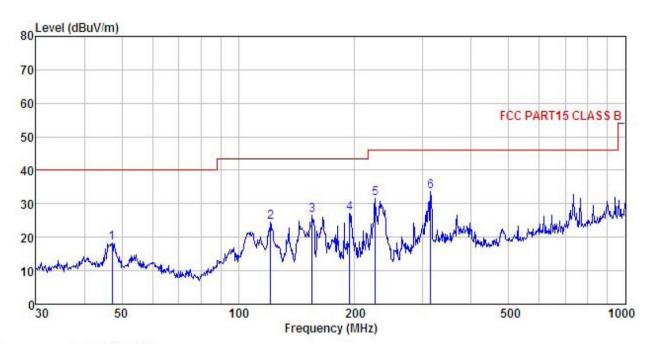




Measurement Data

Below 1GHz

Horizontal:



: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) HORIZONTAL : Tablet Condition

EUT Model : G7 Test mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%

Test Engineer: MT

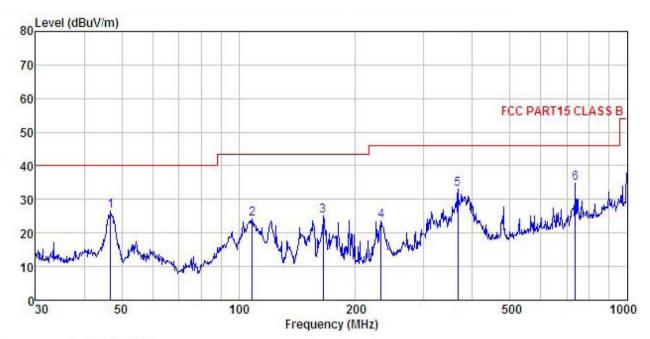
Remark

.emaik									
	Freq		Antenna Factor				Limit Line	Over Limit	Remark
	MHz	dBu₹	<u>dB</u> /π		<u>dB</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	47.160	34.14	13.42	0.58	29.84	18.30	40.00	-21.70	QP
1 2 3 4	121.123	42.35	10.29	1.13	29.38	24.39	43.50	-19.11	QP
3	155.364	45.94	8.48	1.33	29.17	26.58	43.50	-16.92	QP
4	193.773	44.17	10.56	1.37	28.87	27.23	43.50	-16.27	QP
5 6	226.099	47.19	11.46	1.51	28.67	31.49	46.00	-14.51	QP
6	314.377	47.00	13.26	1.82	28.48	33.60	46.00	-12.40	QP





Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) VERTICAL

: FCC PART15 CLASS B 3m
EUT : Tablet
Model : G7
Test mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: MT
Remark :

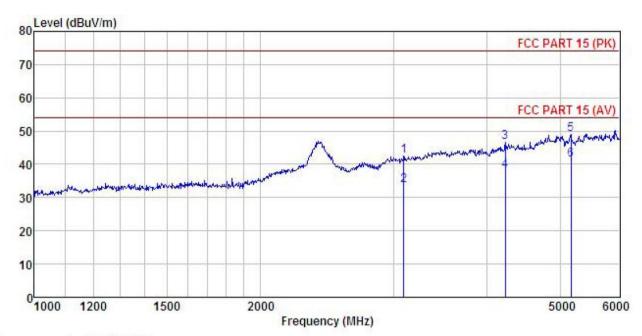
.emark									
	Freq		Antenna Factor						Remark
_	MHz	−−dBuV	<u>dB</u> /π		<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	46.830	42.30	13.44	0.58	29.85	26.47	40.00	-13.53	QP
2	108.267	40.12	12.39	1.03	29.47	24.07	43.50	-19.43	QP
3	164.908	44.12	8.82	1.34	29.09	25.19	43.50	-18.31	QP
4	232.532	39.10	11.72	1.54	28.64	23.72	46.00	-22.28	QP
5	366.823	45.32	14.48	2.00	28.64	33.16	46.00	-12.84	QP
6	737.071	41.00	19.29	3.01	28.53	34.77	46.00	-11.23	QP





Above 1GHz

Horizontal:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL Condition

EUT : Tablet : G7 Model Test mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: MT

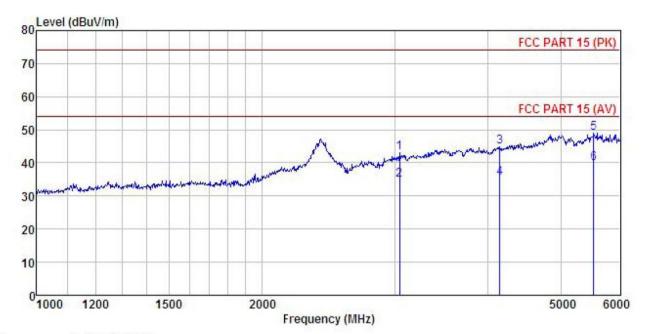
Remark

OWEGILE	•								
			Ant enna				Limit		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
_	MHz	dBu∜	<u>dB</u> /m	<u>d</u> B	<u>dB</u>	$\overline{dBuV/m}$	dBuV/m	<u>dB</u>	
1	3097.433	46.29	28.70	8.02	40.61	42.40	74.00	-31.60	Peak
2	3097.433	37.56	28.70	8.02	40.61	33.67			Average
3	4228.805	47.31	30.28	9.91	40.93	46.57	74.00	-27.43	Peak
4	4228.805	38.85	30.28	9.91	40.93	38.11	54.00	-15.89	Average
5	5167.289	46.11	32.01	10.98	40.07	49.03	74.00	-24.97	Peak
6	5167.289	38.36	32.01	10.98	40.07	41.28	54.00	-12.72	Average





Vertical:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL : Tablet Condition

EUT : G7 Model Test mode : PC mode Power Rating : AC 120V/60Hz

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: MT

Remark

			eadAntenna Cabl vel Factor Los					Over Limit	Remark
-	MHz	dBu∜	dB/π		<u>ab</u>	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
	3049.588 3049.588	47.16	TATAL TRANSPORT OF THE PARTY OF					-30.83 -19.30	Peak Average
3		45.83 36.45	30.12	9.80	41.01	44.74	74.00	-29.26	
5	5531.478 5531.478	45.80	32.07		40.30	48.98	74.00	-25.02	