

North 710, Yihua Building, Shennan Road, Futian District, Shenzhen, P. R. China Telephone: +86-755-29451282,

Fax: +86-755-22639141

Report No.: FCC13-RTE121701

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TEST REPORT

Applicant: VISUAL LAND INC.

Address of Applicant: 17785 Center Court Dr. Suite 670, Cerritos, CA 90703

Equipment Under Test (EUT)

Product Name: 9INCH TABLET

Model No.: ME-9D

FCC ID: SI9PRESTIGEPRO9D

Applicable standards: FCC CFR Title 47 Part 15 Subpart B:2012

Date of sample receipt: December 2, 2013

Date of Test: December 3, 2013~ December 13, 2013

Date of report issue: December 16, 2013

Test Result: PASS *

Authorized Signature:

Kevin Yu 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 EBO product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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



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2 Version

Version No.	Date	Description
00	December 16, 2013	Original

Prepared By:	Jason	Date:	December 16, 2013
	Project Engineer		
Check By:	Couye	Date:	December 16, 2013
	Reviewer		



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4 Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission	Part15.107	PASS
Radiated Emissions	Part15.109	PASS

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



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5 General Information

5.1 Client Information

Applicant:	VISUAL LAND INC.
Address of Applicant:	17785 Center Court Dr. Suite 670, Cerritos, CA 90703
Manufacturer :	VISUAL LAND INC.
Address of Manufacturer:	17785 Center Court Dr. Suite 670, Cerritos, CA 90703
Factory:	VISUAL LAND INC.
Address of Factory:	17785 Center Court Dr. Suite 670, Cerritos, CA 90703

5.2 General Description of EUT

Product Name:	9INCH TABLET
Brand Name:	VISUAL LAND
Model No.:	ME-9D
Power supply:	Adapter:
	Model No.: K-E30502000U2
	Input: 100-240VAC, 50/60Hz, 0.45A MAX
	Output: 5VDC, 2A
	Or
	3.7V Li-ion Battery

5.3 Test mode

Test mode:	
Playing mode	Keep the EUT in video playing mode
REC mode	Keep the EUT in video recording mode
PC mode	Keep the EUT in data exchanging with PC mode.



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5.4 Test Facility

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

• CNAS —Registration No.: CNAS L5775

CNAS has accredited Global United Technology Services Co., Ltd. To ISO/IEC 17025 General Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen 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 files. Registration 600491, June 28, 2013.

• Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. Has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, June 26, 2013.

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: 2nd Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China

5.6 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
HP	Printer	CB495A 05257893		DoC
Lenovo	PC Host	M6900	EA05257893	DoC
DELL	MONITOR	E178FPC	N/A	DoC
DELL	KEYBOARD	SK-8115	N/A	DoC
DELL	MOUSE	MOC5UO	N/A	DoC

5.7 Deviation from Standards

Biconical, log.per. antenna and horn antenna were used instead of dipole antenna. Semi-anechoic Chamber was used as alternation of open air test sites, and all test suites were performed with radiated method in it.

5.8 Abnormalities from Standard Conditions

None.

5.9 Other Information Requested by the Customer

None.



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6 Test Instruments list

Radi	Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.0(L)*6.0(W)* 6.0(H)	GTS250	Mar. 29 2013	Mar. 28 2014	
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A	
3	ESU EMI Test Receiver	R&S	ESU26	GTS203	Jul. 06 2013	Jul. 05 2014	
4	BiConiLog Antenna	SCHWARZBECK	VULB9163	GTS214	Mar. 09 2013	Mar. 08 2014	
5	Double -ridged waveguide horn	SCHWARZBECK	9120D	GTS208	Mar. 09 2013	Mar. 08 2014	
6	RF Amplifier	HP	8347A	GTS204	Jul. 06 2013	Jul. 05 2014	
7	Preamplifier	HP	8349B	GTS206	Jul. 06 2013	Jul. 05 2014	
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
9	Coaxial cable	GTS	N/A	GTS210	Jul. 06 2013	Jul. 05 2014	
10	Coaxial Cable	GTS	N/A	GTS211	Jul. 06 2013	Jul. 05 2014	
11	Thermo meter	N/A	N/A	GTS256	Jul. 06 2013	Jul. 05 2014	

Conducted Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date
1	Shielding Room	ZhongYu Electron	7.0(L)x3.0(W)x3.0(H)	GTS264	Sep. 07 2013	Sep. 06 2015
2	EMI Test Receiver	Rohde & Schwarz	ESCS30	GTS223	Jul. 02 2013	Jul. 01 2014
3	10dB Pulse Limita	Rohde & Schwarz	N/A	GTS224	Jul. 02 2013	Jul. 01 2014
4	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	Jul. 02 2013	Jul. 01 2014
5	LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	GTS226	Jul. 02 2013	Jul. 01 2014
6	Coaxial Cable	GTS	N/A	GTS227	Jul. 02 2013	Jul. 01 2014
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date	Cal.Due date
1	Barometer	ChangChun	DYM3	GTS257	July 09 2013	July 08 2014



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7 Test Results and Measurement Data

7.1 Conducted Emissions

Test Requirement:	FCC Part15 B Section 15.107					
Test Method:	ANSI C63.4:2003					
Test Frequency Range:	150KHz to 30MHz	150KHz to 30MHz				
Class / Severity:	Class B					
Receiver setup:	RBW=9KHz, VBW=30KHz, Sv	weep time=auto				
Limit:	Fraguency range (MHz)	Limit (d	dBuV)			
	Frequency range (MHz) Quasi-peak Average					
	0.15-0.5	66 to 56*	56 to 46*			
	0.5-5	56	46			
	5-30	60	50			
Test setup:	* Decreases with the logarithm Reference Plane	•				
Test presedure	LISN 40cm 80cm Filter AC power Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m					
Test procedure:	 The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 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 changed according to ANSI C63.4: 2003 on conducted measurement. 					
Test Instruments:	Refer to section 6 for details					
Test mode:	Pre-scan all modes in section 5.3, and found the PC mode which is the worst mode, so only the data of worst mode was show on the test report.					
Test results:	Pass					



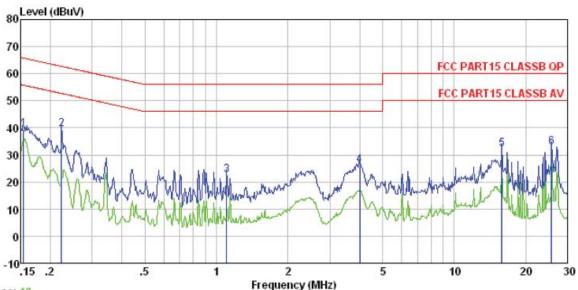
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Measurement Data

Test mode:	PC mode
------------	---------

Line:



Trace: 16 Condition : FCC PART15 CLASSB QP LISN-2013 LINE

Test mode : PC mode Test Engineer: Bing

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Read LISN Cable Limit Over Level Factor Loss Level Line Limit Remark MHz dBuV dB dB dBuV dBuV dB 0.15439.22 65.78 -26.29 QP 0.150.1239.49 62.70 -23.32 QP 0.22339.14 0.120.12 39.38 1.106 22.42 0.13 0.13 22.68 56.00 -33.32 QP 4.006 0.20 56.00 -29.84 QP 25.81 0.15 26.16 5 15.885 0.34 0.22 32.02 60.00 -27.98 QP 31.46 0.23 32.81 60.00 -27.19 QP 25.727 31.47 1.11

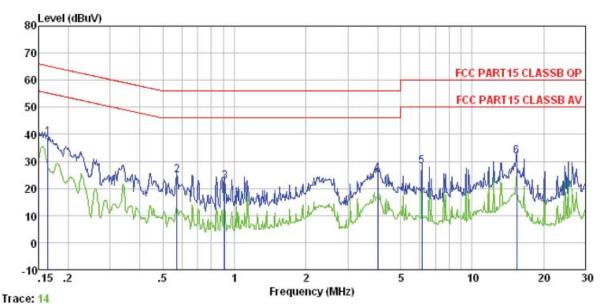
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Neutral:



Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL

Test mode : PC mode Test Engineer: Bing

Cable LISN Read Limit Over Level Factor Freq Line Limit Remark Loss Level MHz dBuV dB dB dBuV dBuV dB 1 0.164 38.72 0.07 0.1238.91 65.25 -26.34 QP 56.00 -31.01 QP 2 0.07 0.57324.80 0.12 24.99 3 0.909 22.41 0.07 0.13 22.61 56.00 -33.39 QP 4 4.006 56.00 -30.40 QP 25.31 0.14 0.15 25.60 5 6.153 27.99 0.17 0.16 28.32 60.00 -31.68 QP 0.22 15.388 31.37 0.34 31.93 60.00 -28.07 QP

Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss
- 4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



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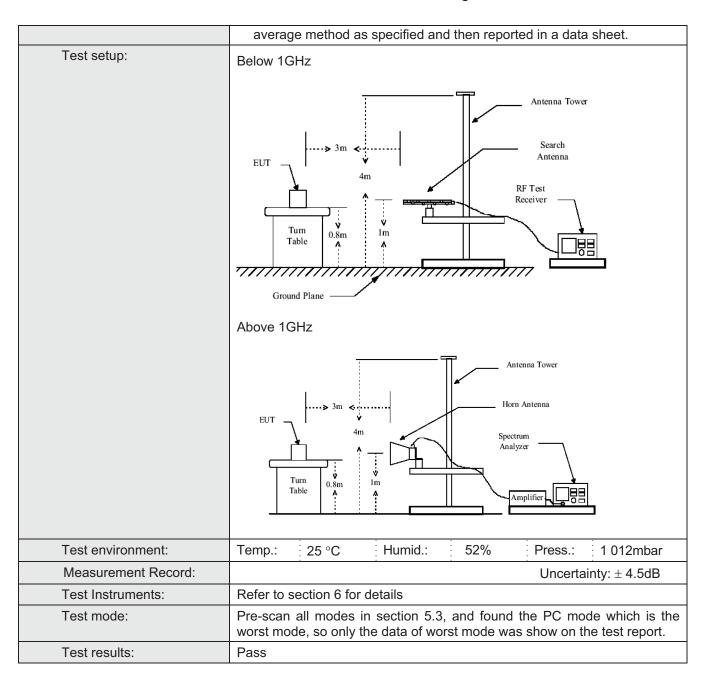
7.2 Radiated Emission

Test Requirement:	FCC Part15 B Section 15.109						
Test Method:	ANSI C63.4:2003						
Test Frequency Range:	30MHz to 6GHz						
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)						
Receiver setup:							
	Frequency	Detector	RBW	VBW	Remark		
	30MHz- 1GHz	Quasi-pea	k 120kHz	300kHz	Quasi-peak Value		
	Above 1GHz	Peak	1MHz	3MHz	Peak Value		
	7.5010 10112	Peak	1MHz	10Hz	Average Value		
Limit:					T		
	Freque	ency	Limit (dBuV	/m @3m)	Remark		
	30MHz-8	8MHz	40.0	00	Quasi-peak Value		
	88MHz-2	16MHz	43.5	50	Quasi-peak Value		
	216MHz-9	60MHz	46.0	00	Quasi-peak Value		
	960MHz-	·1GHz	54.0	00	Quasi-peak Value		
	Above 1	ICH ₇	54.0	00	Average Value		
	Above	IGITZ	00	Peak Value			
Test Procedure:	 The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 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 rota 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						



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Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor



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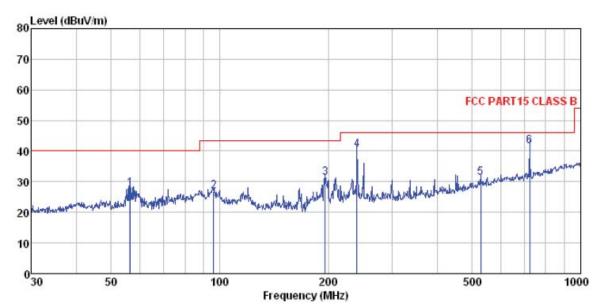
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Measurement Data

Test mode:	PC mode
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Below 1GHz

Horizontal:



Site : 3m chamber

Condition : FCC PART15 CLASS B 3m VULB9163-2013M HORIZONTAL

Test mode : PC mode

est	Engineer:	ReadAntenna		Cable Preamp				Over	121 S22
	Freq	Freq Level		Loss	Factor	Level	Line	Limit	Remark
	MHz	dBu∜	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	56.395	43.86	14.93	0.83	31.95	27.67	40.00	-12.33	QP
2	96.099	42.64	14.90	1.16	31.75	26.95	43.50	-16.55	QP
3	195.822	49.00	12.57	1.82	32.13	31.26	43.50	-12.24	QP
4	239.987	56.32	14.09	2.07	32.16	40.32	46.00	-5.68	QP
5	528.246	40.17	19.15	3.43	31.41	31.34	46.00	-14.66	QP
6	721.726	47.53	21.10	4.17	31.22	41.58	46.00	-4.42	QP

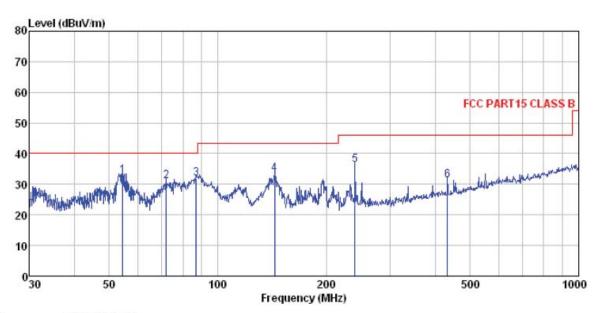
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Vertical:



Site : 3m chamber

: FCC PART15 CLASS B 3m VULB9163-2013M VERTICAL Condition

Test mode : Test Engineer: : PC mode

,,,,		ReadAntenna Freq Level Factor					Limit Line	Over Limit	
	MHz	dBu₹	dB/m	dB	<u>dB</u>	dBuV/m	dBuV/m	<u>d</u> B	
1	54.452 72.084	48.88 51.63		0.81 0.96		32.79 31.00	40.00	-7.21 -9.00	
2 3	87.112 143.830	49.60 53.63	13.03	1.09		31.99	40.00	-8.01	QP
4 5 6	239. 987 432. 546		14.09	2.07		36.29	46.00	-9.71	QP

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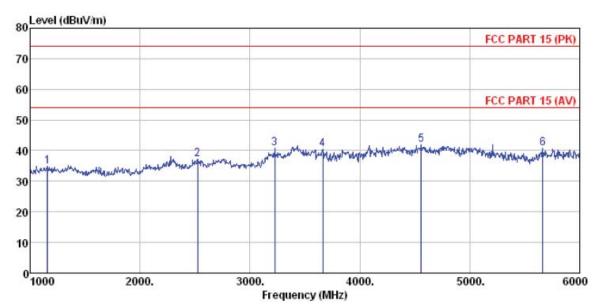


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Above 1GHz

Horizontal:



Site : 3m chamber

: FCC PART 15 (PK) 3m BBHA9120D ANT (>1GHZ) HORIZONTAL Condition

Test Mode : Test Engineer: : PC mode

				Antenna Cable Factor Loss				Over Limit	: Remark	
	MHz	dBu₹	dB/m	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	dB		
1 2 3 4 5 6	1160.000 2525.000 3225.000 3665.000 4560.000 5665.000	38. 33 38. 01 38. 71 36. 53 34. 13 30. 82	29.20 31.44	4.43 5.51 6.41 7.27 8.39 9.74	33.06 32.56 31.96	40.44	74.00 74.00 74.00 74.00	-39.17 -36.76 -33.28 -33.56 -32.00 -33.38	Peak Peak Peak Peak	

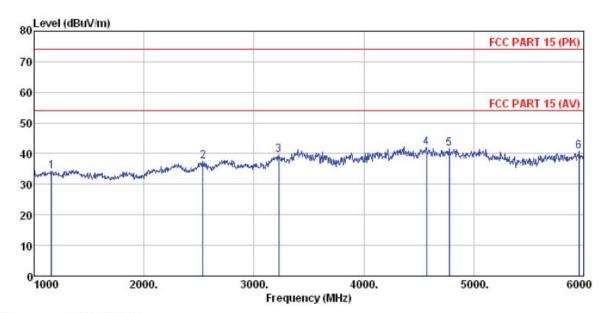
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Vertical:



Site : 3m chamber

Condition : FCC PART 15 (PK) 3m BBHA9120D ANT (>1GHZ) VERTICAL

Test Mode : PC mode

Test Engineer: Yang

	Freq	Read	Antenna Factor				Limit Line	Over Limit	
	MHz	dBu₹	dB/m	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>d</u> B	
1	1160.000	37.87	25.08	4.43	33.01	34.37	74.00	-39.63	Peak
2	2535.000	38.26	27.60	5.52	33.86	37.52	74.00	-36.48	Peak
3	3225.000	37.65	28.66	6.41	33.06	39.66	74.00	-34.34	Peak
4	4570.000	34.11	31.47	8.40	31.97	42.01	74.00	-31.99	Peak
5	4775.000	33.46	31.75	8.58	32.07	41.72	74.00	-32.28	Peak
6	5955.000	29.92	32.84	10.13	32.16	40.73	74.00	-33.27	Peak



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