

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC140340 Page: 1 of 30

FCC Test Report FCC ID: 2AAQL-M709

Original Grant for Computing Device Peripheral

Report No. : TB-FCC140340

Applicant: More Star Industrial Group Limited

Equipment Under Test (EUT)

EUT Name: Tablet PC

Model No. : M709

Series Model : Vixen, M708

No.

Brand Name : N/A

Receipt Date : 2014-05-26

Test Date : 2014-05-26 to 2014-06-06

Issue Date : 2014-06-10

Standards : FCC Part 15: 2013, Subpart B, Class B

Test Method : ANSI C63.4-2003

Conclusions : PASS

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

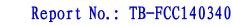
The EUT technically complies with the FCC requirements

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





Page: 2 of 30

Comments

1.	GENERAL INFORMATION ABOUT EUT	3
	1.1 Client Information	3
	1.2 General Description of EUT (Equipment Under Test)	3
	1.3 Block Diagram Showing the Configuration of System Tested	
	1.4 Description of Support Units	
	1.5 Description of Test Mode	
	1.6 Test Facility	
2.	TEST SUMMARY	
3.	CONDUCTED EMISSION TEST	8
	3.1 Test Standard and Limit	8
	3.1.1Test Standard	8
	3.1.2 Test Limit	8
	3.2 Test Setup	8
	3.3 Test Procedure	8
	3.4 Test Equipment Used	9
	3.5 EUT Operating Mode	9
	3.6 Deviation	9
	3.7 Test Data	9
4.	RADIATED EMISSION TEST	16
	4.1 Test Standard and Limit	16
	4.1.1 Test Standard	16
	4.1.2 Test Limit	16
	4.2 Test Setup	16
	4.3 Test Procedure	17
	4.4 Test Equipment	17
	4.5 EUT Operating Condition	18
	4.6 Deviation	18
	4.7 Toot Data	10



Page: 3 of 30

1. General Information about EUT

1.1 Client Information

Applicant: More Star Industrial Group Limited

Address : 3&4F, D Building, ZhuangBian Industrial Park, GuShu Industrial

Area, Xixiang Town, Bao'an District, ShenZhen, China

Applicant: More Star Industrial Group Limited

Address : 3&4F, D Building, ZhuangBian Industrial Park, GuShu Industrial

Area, Xixiang Town, Bao'an District, ShenZhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Tablet PC
Model No.	:	M709, Vixen, M708
Model difference	:	All models are identical in the same PCB layout, interior structure and electrical circuits, The only difference is model name for commercial purpose.
Power Supply	:	DC power supplied by AC/DC Adapter DC Voltage supplied from Li-Polymer battery.
Power Rating	:	AC/DC Adapter(PS12A050K2000UD): Input: AC 100~240V 50/60Hz 0.35A Output: DC 5V 2A DC 3.7V 4000mAh from Li-ion battery
Connecting I/O Port(s)	:	The equipent have USB port for link with PC, so the equipment is considered as a Computing Device Peripheral.

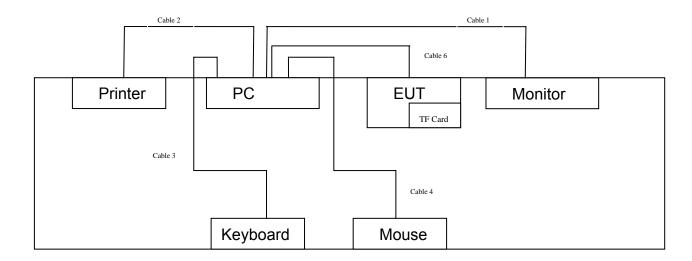
Note: The equipment have WiFi (802.11b/g/n) and Bluetooth function, WIFI and Bluetooth have test comply with FCC Part 15C Rules. More detailed features description, please refer to the manufacturer's specifications or the User's Manual.



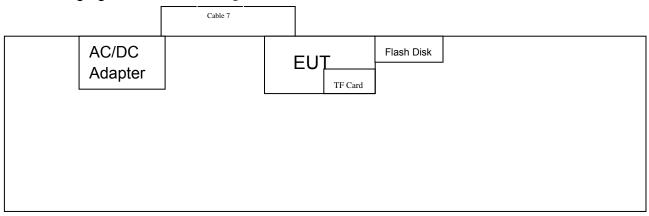
Page: 4 of 30

1.3 Block Diagram Showing the Configuration of System Tested

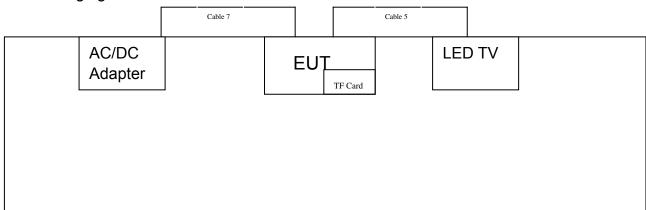
USB Charging with loading to PC



AC Charging with USB Reading



AC Charging with HDMI Mode





Page: 5 of 30

1.4 Description of Support Units

Equipment Information									
Name	Model	FCC ID/DOC	Manufacturer	Used "√"					
Printer	HP1505n	DOC	HP	√					
LCD Monitor	E170Sc	DOC	DELL	√					
PC	OPTIPLEX380	DOC	DELL	√					
Keyboard	L100	DOC	DELL	√					
Mouse	M-UARDEL7	DOC	DELL	√					
TF Card	1GB	DOC	Kingston	√					
Flash Disk	2GB	DOC	Kingston	√					
LED TV	24PFL3545/T3	VOC	PHILIPS						
		Cable Information							
Number	Shielded Type	Ferrite Core	Length	Note					
Cable 1	YES	YES(2)	1.8M						
Cable 2	YES	YES(1)	2.0M						
Cable 3	YES	NO	1.5M						
Cable 4	YES	NO	1.5M						
Cable 5	YES	NO	1.8M						
Cable 6	NO	NO	0.8M	Accessories					
Cable 7	NO	NO	1.2M	Accessories					

1.5 Description of Test Mode

Mode	Description
Mode 1	AC Charging with USB and TF Card Reading
Mode 2	AC Charging with PC Loading
Mode 3	AC Charging with Camera working
Mode 4	AC Charging with HDMI Mode
Mode 5	AC Charging with WiFi Link
Mode 6	AC Charging with Bluetooth Link

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of the EUT operation mode,



Page: 6 of 30

and the maximum emission levels of the conducted and radiated emissions are compared to the FCC Part 15 Subpart B (Class B) limits.

Note: The test results for EUT's RF functions are contained in another Certification Report.

1.6 Test Facility

The testing was 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:

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.

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



Page: 7 of 30

2. Test Summary

FCC Part15, Subpart B									
Section	Test Method	Test Item	Limit	Judgment					
15.109	ANSI C63.4:2003	Radiated Emission	Class B	PASS					
15.107	ANSI C63.4:2003	Conducted Emission (150 kHz to 30MHz)	Class B	PASS					
New AVA to a call the Call of Car New Arel Carlot									

Note: N/A is an abbreviation for Not Applicable.



Page: 8 of 30

3. Conducted Emission Test

3.1 Test Standard and Limit

3.1.1Test Standard FCC Part 15.107

3.1.2 Test Limit

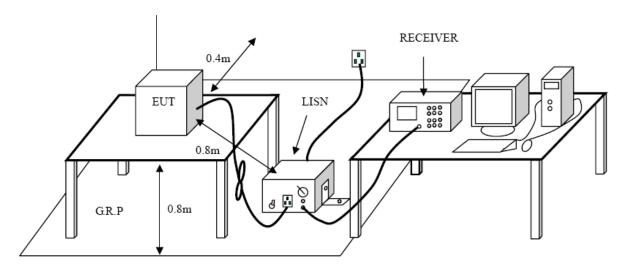
Conducted Emission Test Limit

Frequency	Conducted Limit (dBuV)				
(MHz)	Quasi-peak Level	Average Level			
0.15~0.5	66 ~ 56 *	56 ~ 46 *			
0.5~5.0	56.00	46.00			
5.0~30.0	60.00	50.00			

Notes:(1) *Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequencies.

3.2 Test Setup



3.3 Test Procedure

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

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

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.



Page: 9 of 30

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.

For the actual test configuration, please refer to the EUT test Photos.

3.4 Test Equipment Used

Description	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due Date	
EMI Test	ROHDE&		100224	2013-08-10	2014-08-09	
Receiver	SCHWARZ	ESCI	100321	2013-00-10	2014-00-09	
50ΩCoaxial	Anritsu	MP59B	X10321	2013-08-10	2014-08-09	
Switch	Ailliou	IVIF39B	X10321	2013-00-10	2014-00-09	
L.I.S.N	Rohde & Schwarz	ENV216	101131	2013-08-10	2014-08-09	
L.I.S.N	SCHWARZBECK	NNBL 8226-2	8226-2/164	2013-08-10	2014-08-09	

3.5 EUT Operating Mode

(1) Setup the EUT and peripherals refer to the description of test mode.

3.6 Deviation

The test is no deviation from the standard.

3.7 Test Data

Please see the next page.



Page: 10 of 30

EUT:	Tablet PC		Model	Name :	M709					
Temperature:	25 ℃		Relativ	ve Humidity:	55%					
Test Voltage:	AC 120V/60	AC 120V/60 Hz								
Terminal: Line										
Test Mode: Mode 1: AC Charging with USB and TF Card Reading										
Remark:										
90.0 dBuV										
					QP: AVG:					
	X	3 *	4 ×		E					
40 1	u marrows	Hugh hip was harden	MANAGE PARTIES	M. June die de	5 X 6 X					
V V	V. 1 1	"WAN	A.A.M.	JAVA A. JAMBA AHARAMAN	optorphysical and a high standard and a second					
- manual or	my man	white was the for	~\\/	I be shown by	Luction	www.peak				
		10	, v	the 1/2 securetary	- Laketalakik	HALLINIANG AVG				
-10										
0.150	0.5	HM)	lz)	5		30.000				
	Reading	Correct	Measure-							
No. Mk. Fre		Factor	ment	Limit Ove	er					
MH	lz dBuV	dB	dBuV	dBuV dB	Detector	Comment				
1 0.31	00 32.14	10.02	42.16	59.97 -17.8	1 peak					
2 * 0.55	00 41.52	10.04	51.56	56.00 -4.44	peak					
3 1.65	40 39.48	10.06	49.54	56.00 -6.46) peak					
4 2.75	80 37.89	10.03	47.92	56.00 -8.08	B peak					
5 9.37	40 33.16	10.14	43.30	60.00 -16.7	0 peak					
6 17.09	80 31.08	10.22	41.30	60.00 -18.7	0 peak					
Emission Level	Poad Lovol+	Correct Es	ctor							
EIIIISSIOII Level=	· Reau Level+	Correct Fa	Clui							



Report No.: TB-FCC140340 Page: 11 of 30

EUT:	Tablet PC	Model	Name ·	M709					
Temperature:	25 °C		e Humidity:	55%					
Test Voltage:	AC 120V/60 Hz								
Terminal:	Neutral								
Test Mode:		Mode 1: AC Charging with USB and TF Card Reading							
Remark:									
90.0 dBuV									
-10	Why han white he was a second of the second			QP: — AVG: — peak					
0.150	0.5	(MHz)	5	30.000					
No. Mk. Fred		rect Measure- ctor ment	Limit Over						
MHz	dBuV d	B dBuV	dBuV dB	Detector Comment					
1 0.190	0 25.35 10.	12 35.47	64.03 -28.56	QP					
2 0.190	0 12.98 10.	12 23.10	54.03 -30.93	AVG					
3 0.554	0 32.03 10.	02 42.05	56.00 -13.95	QP					
4 0.554	0 20.95 10.	02 30.97	46.00 -15.03	AVG					
5 1.377	9 28.13 10.	12 38.25	56.00 -17.75	QP					
6 1.377	9 18.81 10.	12 28.93	46.00 -17.07	AVG					
7 * 2.758	33.31 10.	06 43.37	56.00 -12.63	QP					
8 2.758	0 17.81 10.	06 27.87	46.00 -18.13	AVG					
9 7.170	0 31.82 10.	07 41.89	60.00 -18.11	QP					
10 7.170	0 16.90 10.	07 26.97	50.00 -23.03	AVG					
11 22.614	0 31.74 10.	06 41.80	60.00 -18.20	QP					
12 22.614	0 13.72 10.	06 23.78	50.00 -26.22	AVG					
Emission Level=	Read Level+ Corre	ect Factor							



Report No.: TB-FCC140340 Page: 12 of 30

EUT: Tablet PC Model Name: M709

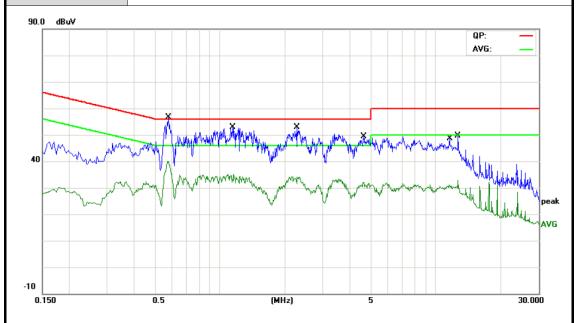
Temperature: 25 ℃ Relative Humidity: 55%

Test Voltage: AC 120V/60 Hz

Terminal: Line

Test Mode: Mode 2: AC Charging with PC Loading

Remark:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBu∀	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.5780	39.32	10.06	49.38	56.00	-6.62	QP	
2		0.5780	28.98	10.06	39.04	46.00	-6.96	AVG	
3		1.1420	35.26	10.06	45.32	56.00	-10.68	QP	
4		1.1420	23.68	10.06	33.74	46.00	-12.26	AVG	
5		2.2740	34.48	10.05	44.53	56.00	-11.47	QP	
6		2.2740	23.06	10.05	33.11	46.00	-12.89	AVG	
7		4.6420	31.89	9.97	41.86	56.00	-14.14	QP	
8		4.6420	20.78	9.97	30.75	46.00	-15.25	AVG	
9		11.5700	30.12	10.19	40.31	60.00	-19.69	QP	
10		11.5700	19.23	10.19	29.42	50.00	-20.58	AVG	
11		12.6860	34.95	10.21	45.16	60.00	-14.84	QP	
12		12.6860	21.05	10.21	31.26	50.00	-18.74	AVG	

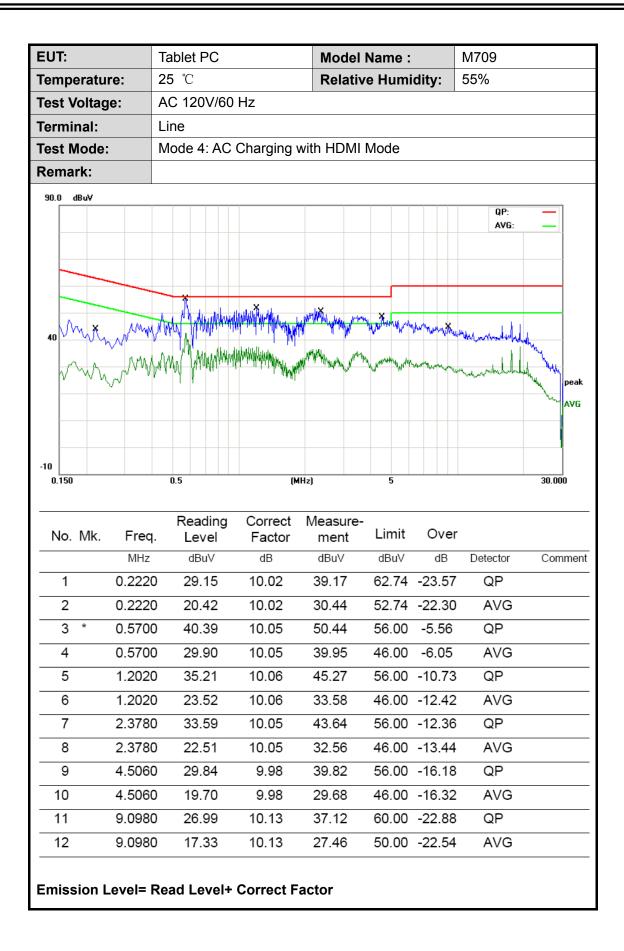


Page: 13 of 30

EUT:	Ta	ablet PC		Model	Name :		M709	
Temperatur	e: 2	5 ℃		Relativ	e Humi	dity:	55%	
Test Voltage	ge: AC 120V/60 Hz							
Terminal: Neutral								
Test Mode:	N	lode 2: AC	Charging w	ith PC Lo	ading			
Remark:								
90.0 dBuV								
-10		Mayor May	Myth all March and	putality / Man		AND	QP: AVG:	peak
0.150		0.5	(MI	łz)	5			30.000
No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.4420	31.35	10.04	41.39		-15.63	QP	
2	0.4420	20.70	10.04	30.74		-16.28	AVG	
3 *		39.97				-6.01		
4		28.42	10.02			-7.56		
5	1.3540		10.12	45.72		-10.28		
6	1.3540	24.75	10.12	34.87		-11.13	AVG	
7	3.3780	34.11	10.06	44.17		-11.83		
8	3.3780	22.81	10.06	32.87	46.00	-13.13	AVG	
9	7.0940	31.47	10.06	41.53	60.00	-18.47	QP	
10	7.0940	20.47	10.06	30.53	50.00	-19.47	AVG	
11	12.6820	31.02	10.11	41.13	60.00	-18.87	QP	
12	12.6820	20.52	10.11	30.63	50.00	-19.37	AVG	



Page: 14 of 30





Page: 15 of 30

EUT:	Tablet PC		Model I	Name :		M709		
Temperature:	25 ℃		Relative Humidity:			55%		
Test Voltage:	AC 120V/60 H	AC 120V/60 Hz						
Terminal:	Neutral							
Test Mode:	Mode 4: AC Ch	narging wit	h HDMI I	Mode				
Remark:								
90.0 dBuV						0.0		
-10 0.150	O.5	THE WAY WELL THE	the state of the s	The state of the s	Challed Mary Toning Pall	QP: AVG:	peak AVG	
No. Mk. Fred	Level	Factor	leasure- ment	Limit	Over			
MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment	
1 0.570			49.85	56.00	-6.15	QP		
2 0.570			38.91	46.00	-7.09	AVG		
3 1.186			44.82		-11.18	QP		
4 1.186			34.69		-11.31	AVG QP		
5 2.314 6 2.314			44.14 34.09		-11.86	AVG		
6 2.314 7 4.494			34.09 39.89		-11.91 -16.11	QP		
8 4.494			29.91		-16.09	AVG		
9 7.910			37.81		-22.19	QP		
10 7.910			28.38		-22.19	AVG		
11 17.642			43.45		-16.55	QP		
12 17.642			34.05		-15.95	AVG		
Emission Level=								



Page: 16 of 30

4. Radiated Emission Test

4.1 Test Standard and Limit

4.1.1 Test Standard FCC Part 15.109

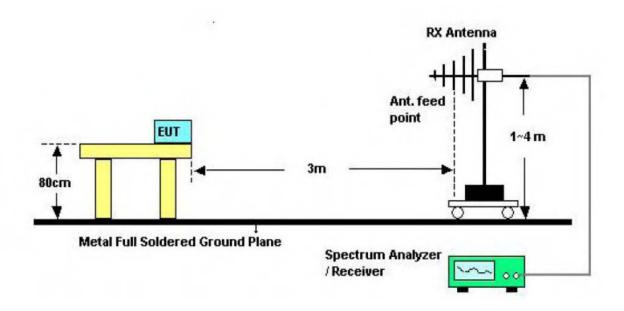
4.1.2 Test Limit

Radiated Emission Limit

Frequency (MHz)	Field Strength (dBuV/m)	Measurement Distance (meters)
30~88	40	3
88~216	43.5	3
216~960	46	3
Above 960	54	3

Note: Emission Level(dBuV/m)=20log Emission Level(uV/m)

4.2 Test Setup

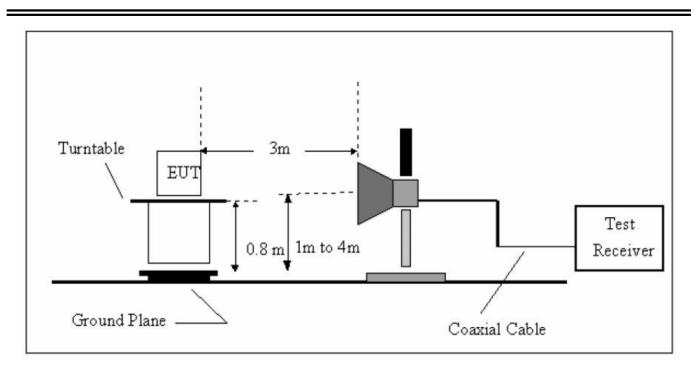


30MHz to 1000MHz Test Setup

TORY

Report No.: TB-FCC140340

Page: 17 of 30



Above 1GHz Test Setup

4.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency from 30MHz up to1GHz.
- (2) The EUT was placed on the top of a rotating table 0.8 meters above the ground. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The height of the equipment or of the substitution antenna shall be 0.8m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- (4) The initial step in collecting radiated 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, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- (6) For more details, please refer to the EUT Test Photos.

4.4 Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Mar. 20, 2014	Mar. 19, 2015
Spectrum Analyzer	Rohde & Schwarz	FSP30	DE25181	Aug. 10, 2013	Aug.09, 2014



Page: 18 of 30

EMI Test Receiver	Rohde & Schwarz	ESCI	101165	Aug. 10, 2013	Aug.09, 2014
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 07, 2014	Mar.06, 2015
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar. 07, 2014	Mar.06, 2015
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 07, 2014	Mar.06, 2015
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar. 07, 2014	Mar.06, 2015
Pre-amplifier	HP	11909A	185903	Mar. 07, 2014	Mar.06, 2015
Pre-amplifier	HP	8447B	3008A00849	Mar. 07, 2014	Mar.06, 2015
Cable	HUBER+SUHNE R	100	SUCOFLEX	Mar. 07, 2014	Mar.06, 2015
Signal Generator	Rohde & Schwarz	SML03	IKW682-054	Feb. 11, 2014	Feb.10, 2015
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A

4.5 EUT Operating Condition

(1) Setup the EUT and peripherals refer to the description of test mode.

4.6 Deviation

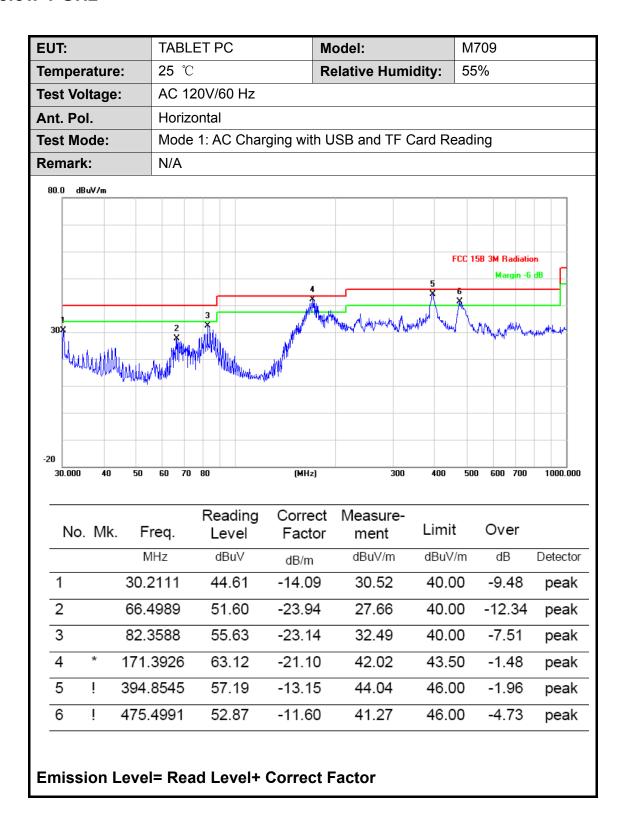
The test is no deviation from the standard.

4.7 Test Data



Page: 19 of 30

Below 1 GHz





Page: 20 of 30

EUT:	TABLET PC	Model:	M709
Temperature:	25 ℃	Relative Humidity:	55%
Гest Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	Mode 1: USB Charg	ing with loading to PC	
Remark:	N/A		
80.0 dBuV/m			
30	3 4	5 6 X	FCC 15B 3M Radiation Margin -6 dB
-20 30.000 40 50	60 70 80	(MHz) 300 400	500 600 700 1000.00
30.000 40 50	Reading C	(MHz) 300 400 Correct Measure- Factor ment Limi	
30.000 40 50 No. Mk. F	Reading C	Correct Measure-	it Over
30.000 40 50 No. Mk. F	Reading C Freq. Level MHz dBuV	Correct Measure- Factor ment Limi	it Over //m dB Detector
No. Mk. F	Reading C Freq. Level MHz dBuV 2110 50.39 -	Correct Measure- Factor ment Limi	ot Over //m dB Detector 00 -3.70 peak
No. Mk. F 1 ! 30. 2 ! 42.	Reading C Level dBuV 2110 50.39 -	Correct Measure- Factor ment Limi dB/m dBuV/m dBuV 14.09 36.30 40.0	t Over //m dB Detector 00 -3.70 peak 00 -1.67 peak
No. Mk. F 1 ! 30. 2 ! 42. 3 ! 66.	Reading C Level MHz dBuV 2110 50.39 - 3021 59.47 - 4989 61.47 -	Correct Measure- Factor ment Limi dB/m dBuV/m dBuV 14.09 36.30 40.0 21.14 38.33 40.0	t Over //m dB Detector 00 -3.70 peak 00 -1.67 peak 00 -2.47 peak
No. Mk. F 1 ! 30. 2 ! 42. 3 ! 66. 4 * 77.	Reading C Level MHz dBuV 2110 50.39 - 3021 59.47 - 4989 61.47 - 8653 61.78 -	Correct Measure- Factor ment Limi dB/m dBuV/m dBuV 14.09 36.30 40.0 21.14 38.33 40.0 23.94 37.53 40.0	t Over //m dB Detector 00 -3.70 peak 00 -1.67 peak 00 -2.47 peak 00 -1.57 peak



Page: 21 of 30

EUT:			'^	DL	ET P	C		IV	lodel	•		M709					
Tempe	rature	e :	25	$^{\circ}$ C				R	elativ	/e Hu	ımid	lity:	55	%			
Test Vo	ltage	:	AC	12	:0V/6	60 Hz											
Ant. Po	ol.		Но	rizc	ntal												
Test Mo	ode:		Мс	de	2: A	C Ch	arging	with F	PC Lo	ading	g						
Remarl			N/A	4													
80.0 di	BuV/m																\neg
							i X	2 ×	×	4	5 X	- S	FCC 151		adiatio		<u> </u>
-20	MANAMAN AND AND AND AND AND AND AND AND AND A		- SO	in Milion		Molecu	Arad Maria		*****	hy!"	00	100	500	500	700		ttr.
Mark And	40	50	60	70	80	A policy of	drodd d	(MHz)	**************************************	30	00	400	500	600	700	10	000.00
-20 30.000		50	eq.	70	80 Rea	ading	Co			asure nent		400		600 Ov		10	000.00
-20 30.000	40	50 Fr		70	Rea Le	ading	Co F	(MHz)	m	asure	e-		it		er		000.00
-20 30.000	Mk.	50 Fr	eq. Hz		Rea Le	ading	Co Fa	(MHz) orrect actor	dE	asure nent	e-	Limi	it //m	Ov	er 3	De	
-20 30.000	40 Mk.	50 Fr	eq. Hz 3298	3	Rea Le	ading evel BuV	Co Fa dl	(MHz) orrect actor B/m	dE 3	asure nent BuV/m	e-	Limi dBu\	it //m 50	Ov	er 3 56	De	etecto
-20 30.000 No.	Mk.	Fr M	eq. Hz 3298 7450	3	Rea Le dE 60	ading evel BuV 0.82	Cc F: dl -2 -2	(MHz) orrect actor B/m 1.88	3-4	asure ent ^{BuV/m} 8.94	e-	Limi	it //m 50	Ov dE -4.	er 3 56	De F	etecto
-20 30.000 No.	Mk.	Fr M 141.:	eq. Hz 3298 7450	3	80 Read Lee dEE 600 622 611	ading evel BuV 0.82	Co F: dl -2 -2!	(MHz) orrect actor B/m 1.88 0.81	33 4 4	asurent BuV/m 8.94	e-	Limi dBu\ 43.5	it //m 50 50	Ov dE -4. -2.	er 3 56 31	De F	etecto peal peal
No. 1 2 3	Mk.	Fr M 141.3	req. Hz 3298 7450 3920	3 0 0 1	80 Read Lee 600 622 611 588	ading evel BuV 0.82 2.00	-2i -1i	orrect actor B/m 1.88 0.81	36 4 4 4	asurenent BuV/m 8.94 1.19	e-	dBu\ 43.9	it //m 50 50 00 00	Ov dE -4. -2.	er 56 31 04	p p	etecto peal peal peal



Page: 22 of 30

EUT:		TABL	ET F	С		N	lodel:				M70	9			
Temperatu	ıre:	25 ℃	7			F	elative	e Hu	midit	y:	55%	6			
Test Voltag	ge:	AC 12	20V/	60 Hz	Z										
Ant. Pol.		Vertic	al												
Test Mode):	Mode	2: A	C Ch	narging	with I	PC Loa	ading	l						
Remark:		N/A													
80.0 dBuV/m	1														_
Mr.Ai	N.				wil.	Ž.	×		5 X	6 X		3 3M R Mai	rgin -6		
-20 30.000 4	io 50	60 70	80	Y. WANTER	handi kilik	(MHz)		3	000	400	500		700	100	0.000
-20	n,	60 70		adino			Mea			400			wq _{.b} .	100	0.000
-20			Rea	ading	_	(MHz) prrect actor	Mea		<u>;</u> -	400	500		700	100	10.000
-20 30.000 4		eq.	Rea Le	_	F	rrect	me	sure	;- L		500	600	700 er	100	
-20 30.000 4	k. Fre	eq.	Rea Le	evel	F:	orrect actor	me dB≀	sure ent	;- L	imit	500	600 Ove	700 PET		ctor
-20 30.000 4	k. Fre	eq. Iz 029	Rea Le	evel BuV	-2:	orrect actor B/m	dBu 37	sure ent uV/m	;- L	imit BuV/n	500 n	600 Ove	700 200	Dete	ctor
-20 30.000 4 No. Mi	k. Fre	eq. Iz D29	Rea Le dl	BuV D.02	-2:	orrect actor B/m 2.89	те dВt 37 38	sure ent uV/m	- L d	imit BuV/n	500 n	600 Ove dB	700 er	Dete pe	ctor ak ak
-20 30.000 4 No. MI	k. Fre MH 86.50 162.0	eq. Hz D29 414 450	Rea Le dl 60 59	BuV 0.02 9.37	-21	orrect actor B/m 2.89 0.65	37 38 38	sure ent uV/m .13	- L	imit BuV/n 40.00	500 n	Ove dB -2.8	700 Per 78 85	Dete pe pe	ctor ak ak
No. MI	k. Fre MH 86.50 162.0 191.7	eq. dz 029 414 450	Rea Le 60 59 62	BuV 0.02 0.37 0.46	-2: -2: -2: -1:	Dirrect actor B/m 2.89 0.65 0.81	37 38 38 42	sure ent 	d 4	imit BuV/n 40.00 43.50	500 n	Ove dB -2.8 -4.7	700 Per 700	Dete pe pe Q	ak ak P



Page: 23 of 30

EUT:	17	ABLET	PC	N	lodel:		M709						
Temperatur	'e: 25	5 ℃		R	Relative Hum	idity:	55%						
Test Voltage	e: A	C 120V	/60 Hz	·									
Ant. Pol.	H	orizonta	al										
Test Mode:	М	ode 3: A	AC Cha	rging with	Camera Worl	king							
Remark:	N/	'A											
80.0 dBuV/m													
30				2 X	i i i i i i i i i i i i i i i i i i i	× July Mary Land	FCC 15B 3	M Radiati					
-20	50 60	70 80	William White Was and Market Was and	(MHz)	300	400	500 6	M.M.	1000 00				
-20 30.000 40	50 60	70 80	this was the same of the same	(MHz)	300	400	500 €	M.J.	1000.00				
		Re	eading evel	(MHz) Correct Factor	300 Measure- ment	400 Limit		600 700 ver	1000.00				
30.000 40		Re L	-	Correct	Measure-		0		1000.od				
30.000 40	. Freq.	Re L	evel	Correct Factor	Measure- ment	Limit	O m	ver					
30.000 40 No. Mk.	. Freq.	Re L	evel dBuV	Correct Factor	Measure- ment	Limit dBuV/	O m -6	ver dB	Detecto				
No. Mk.	. Freq. MHz	Re L 2 4	evel dBuV 7.89	Correct Factor dB/m -14.15	Measure- ment dBuV/m	Limit	O -6	ver dB 6.26	Detecto peak				
No. Mk.	. Freq. MHz 30.3172 143.829	Re L 2 4 4 5	evel dBuV 7.89 8.77	Correct Factor dB/m -14.15 -21.67	Measure- ment dBuV/m 33.74 37.10	Limit dBuV// 40.00	O - (0 - (0 - (0 - (0 - (0 - (0 - (0 - (ver dB 6.26 6.40	Detecto peak peak				
No. Mk.	. Freq. MHz 30.3172 143.829 216.024	Re L 2 4 4 5 0 6	evel dBuV 7.89 8.77 0.92	Correct Factor dB/m -14.15 -21.67 -19.70	Measure- ment dBuV/m 33.74 37.10 41.22	Limit dBuV// 40.00 43.50 46.00	O -60 -60 -20 -20 -20	ver dB 6.26 6.40	Detecto peak peak peak				



Page: 24 of 30

EUT:	TABLET PC	Mo	del:	M709
Temperature:	25 ℃	Re	lative Humidity:	55%
Test Voltage:	AC 120V/60 Hz			
Ant. Pol.	Vertical			
Test Mode:	Mode 3: AC Char	rging with Ca	amera Working	
Remark:	N/A			
80.0 dBuV/m				
-20 30.000 40 50	60 70 80	3) (MHz)	300 400	FCC 15B 3M Radiation Margin -6 dB
No. Mk. F	Reading req. Level	Correct Factor	Measure- ment Limi	it Over
	∕lHz dBuV	dB/m	dBuV/m dBu\	//m dB Detector
1 ! 31.	3992 50.59	-14.83	35.76 40.	00 -4.24 peak
2 * 43.	5056 60.00	-21.64	38.36 40.	00 -1.64 peak
3 ! 143.	.8294 59.30	-21.67	37.63 43.	50 -5.87 peak
4 ! 216.	.0240 59.73	-19.70	40.03 46.	
	.4476 56.27	-14.55	41.72 46.	<u>.</u>
	.3718 50.16	-8.84	41.32 46.	<u>·</u>
	el= Read Level+			



Page: 25 of 30

UT:		TABLET PC					Model: Relative Humidity:					1709)				
emperatui	re:	25 °	C				Relativ	re Hu	ımid	lity:	5	5%					
est Voltag	je:	AC	120V	/60 I	Hz						•						
nt. Pol.		Hori	zonta	al													
est Mode:		Mod	le 4: A	4C (Char	ging with	HDMI	Mode	е								
Remark:		N/A															
80.0 dBuV/m																	
30						1	2	Mount	المدرسة	3	FCC	158 3	Marg				
20 30.000 40		60 7	70 80	A STATE OF THE STA	anjiprihyi*	(MHz)			300	400) 5	√ \ <u>\</u>	600 7	700	1000.		
**************************************	0 50	60 7 eq.	Re	eadi	_	(MHz) Correct Facto		asure	e-	400			600 7		1000.		
20 30.000 40	o 50 k. Fr		Re L		el	Correc	r m	asure	e-		it	0			1000.		
20 30.000 40	o 50 k. Fr	eq . Hz	Re	eve	el V	Correc	r m	asure nent	e-	Lim	it V/m	0)ver				
20 30.000 40 No. Mk	0 50 k. Fr	eq. Hz 6677	Re L	_eve dBu∖	el / /)2	Correct Facto	r m	asure nent BuV/m	e-	Lim dBu	it V/m 50	0	ver	3	Detect		
20 30.000 40 No. Mk	so 50 k. Fr M	eq. Hz 6677	Re L	dBuv 66.0	el /)2 51	Correct Facto	r m	asure nent BuV/m 5.42	e-	Lim dBu'	it V/m 50		over dB 8.08	3	Detect pea		
20 30.000 40 No. Mk	k. Fr M 158.6 221.3	eq. Hz 6677 3920	Re L	dBu\ 56.0:	el // // // // // // // // // // // // //	Correct Facto dB/m -20.60	r m dE 33	asurenent BuV/m 5.42	e-	Lim dBu' 43.	it V/m 50 00		over dB 8.08 2.95	3	pea pea pea		
No. Mk 1 2 ! 3 *	0 50 k. Fr M 158.6 221.3	eq. Hz 6677 3920 7022	5 6 5	dBu\ 56.0 32.5 58.7	el // // // // // // // // // // // // //	Correct Facto dB/m -20.60 -19.46	7 m dE 33:	asurent BuV/m 5.42 3.05	e-	Lim dBu 43. 46.	it V/m 50 00 00		over dB 8.08 2.95	3	Detect pea pea		



Page: 26 of 30

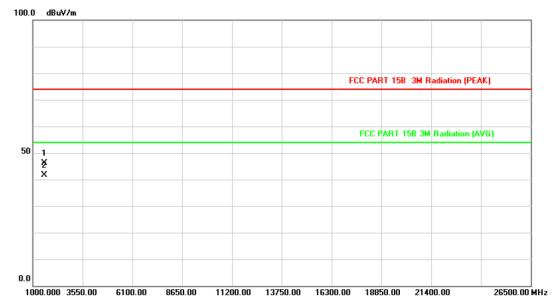
EUT:				ГАВ	LET									/1709)			_
Гетр	eratu	ıre:	2	25 °	С				Re	elative H	lumi	idity	: 5	55%				
Test \	/olta	ge:	1	AC 1	20\	//60	Hz											
۹nt. F	Pol.		\	∕erti	cal													
Test I	Mode	:	ľ	Mod	e 4:	AC	Cha	rging w	ith H	DMI Mc	de							
Rema	ırk:		1	N/A														
80.0	dBuV/m																	
30	and the second second	and her the	1 W-W ₀	palaken sa	night tough	- 2 - X	Millional	Lilling y	4/16/14/14		\^\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5 X	FC Wy/^\	C 158 3	Margins S			
-20 30.00	n 4	0 5	50 6	50 70	0 80			(MI	1-)		300		100	500	600 7	nn	1000.] nn
30.00	,	U S	JU 0	, ,	J 60			(MI	12)		300		100	300	000 7	UU	1000.	.00
No	o. MI	Κ.	Fred	۹.		ead _ev	ling el	Corre Fact		Measu men		Lir	nit	0	ver			
			MHz			dBu	V	dB/n	1	dBuV/	m	dΒ	uV/m		dB	D	etecto	or
1		55	5.609	94	į	55.8	30	-24.4	6	31.3	4	40	0.00	-8	3.66		peal	K
2		89	9.276	64	į	59.1	11	-22.7	'4	36.3	7	43	3.50	-7	7.13		peal	k
3	ļ	14:	2.82	43	į	59.6	39	-21.7	'6	37.9	3	43	3.50	-5	5.57		peal	k
4	*	22	1.39	21	- 6	31.8	36	-19.4		42.4	0		3.00		3.60		peal	k
5	·		0.70			56.4		-14.4		41.9			3.00		1.04		peal	
6	<u>.</u>		2.89			50.9		-8.6		42.3			3.00		3.68		peal	
					`		_							`			,	_



Page: 27 of 30

1 GHz~26.5GHz

EUT:	TABLET PC	Model:	M709
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal		
Test Mode:	Mode 5: AC Charging wit	h WiFi Link	
Remark:	No report for the emissio	n which more than 10 c	dB below the
	prescribed limit.		

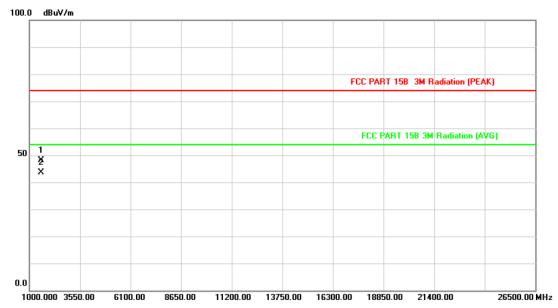


	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	1		1605.280	48.70	-2.56	46.14	74.00	-27.86	peak
2	2	*	1605.280	44.13	-2.56	41.57	54.00	-12.43	AVG



Page: 28 of 30

EUT:	TABLET PC	Model:	M709			
Temperature:	25 ℃	55%				
Test Voltage:	AC 120V/60 Hz					
Ant. Pol.	Vertical					
Test Mode:	Mode 5: AC Charging with WiFi Link					
Remark:	No report for the emission which more than 10 dB below the					
	prescribed limit.					

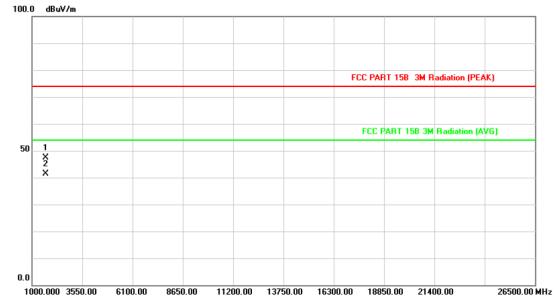


No	. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		1605.280	50.80	-2.56	48.24	74.00	-25.76	peak
2	*	1605.280	46.16	-2.56	43.60	54.00	-10.40	AVG



Page: 29 of 30

EUT:	TABLET PC	Model:	M709			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz					
Ant. Pol.	Horizontal					
Test Mode:	Mode 6: AC Charging with Bluetooth Link					
Remark:	No report for the emission which more than 10 dB below the					
	prescribed limit.					

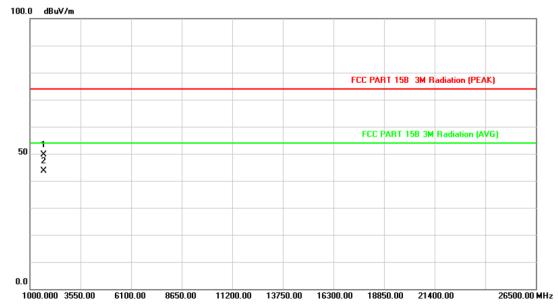


No	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		1705.620	50.32	-2.93	47.39	74.00	-26.61	peak
2	*	1705.620	44.21	-2.93	41.28	54.00	-12.72	AVG



Page: 30 of 30

EUT:	TABLET PC	Model:	M709			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz					
Ant. Pol.	Vertical					
Test Mode:	Mode 6: AC Charging with Bluetooth Link					
Remark:	No report for the emission which more than 10 dB below the					
	prescribed limit.					



No	. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		1705.620	52.55	-2.93	49.62	74.00	-24.38	peak
2	*	1705.620	46.68	-2.93	43.75	54.00	-10.25	AVG