

Prüfbericht-Nr.: <i>Test Report No.:</i>	50050527 006	Auftrags-Nr.: <i>Order No.:</i>	164090929	Seite 1 von 29 Page 1 of 29
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	17.04.2017	
Auftraggeber: <i>Client:</i>	GIEC TECHNOLOGY (HONG KONG) CO., LTD. Unit 7, 22/F., Billion Trade Centre, 31 Hung To Road, Kwun Tong, Hongkong			
Prüfgegenstand: <i>Test item:</i>	11.6" windows tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-P11W7100, NS-P11W7100-C, NS-P11xxxxxxxx (x=0-9, A-Z, a-z, -or blank, for market purpose only)			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 ICES-003 Issue 6 January 2016			
Wareneingangsdatum: <i>Date of receipt:</i>	17.04.2017			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000530521-001			
Prüfzeitraum: <i>Testing period:</i>	23.05.2017 - 22.06.2017			
Ort der Prüfung: <i>Place of testing:</i>	Shenzhen EMTEK Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
26-06-2017 Andy Yan/Project Manager		26-06-2017 Owen Tian/Technical Certifier		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
Sonstiges / Other:		FCC ID: 2AIB2-P11W7100W IC: 21456-P11W7100W		
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet				
Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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TEST SUMMARY

5.1.1 CONDUCTED EMISSIONS

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Shenzhen EMTEK Co., Ltd.

(FCC Registration No.: 709623)

(Test site Industry Canada No.: 4480A-2)

Bldg 69, Majialong Industry Zone, Nanshan District,
Shenzhen, Guangdong, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Radiated Emissions				
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	2018-05-19
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000071	2018-05-19
Bilog Antenna	Schwarzbeck	VULB9163	660	2018-05-20
Cable	H+B	NmSm-05-C15052	N/A	2018-05-20
Cable	H+B	NmSm-2-C15201	N/A	2018-05-20
Cable	H+B	NmNm-7-C15702	N/A	2018-05-20
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1-3008K39-100967-AP	2018-05-19
Pre-Amplifier	Lunar EM	LNA1G18-48	J1011131010001	2018-05-19
Horn Antenna	Schwarzbeck	BBHA 9120	1178	2018-05-20
Cable	H+B	SAC-40G-1	414	2018-05-20
Cable	H+B	SUCOFLEX104	MY14871/4	2018-05-20
Cable	H+B	BLU18A-NmSm-6500	D8501	2018-05-20
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCI	26115-010-0027	2018-05-19
L.I.S.N.	Rohde & Schwarz	ENV216	101161	2018-05-19
50Ω Coaxial Switch	Anritsu	MP59B	6100175589	2018-05-20
Voltage Probe	Rohde & Schwarz	ESH2-Z3	100122	2018-05-20

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO/IEC 17025 are:

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Conducted Emissions Test	±2.0dB
Radiated Emission Test	±2.0dB
Temperature	±0.5°C
Humidity	±3%

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Shenzhen EMTEK Co., Ltd. test facility located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

2.8 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

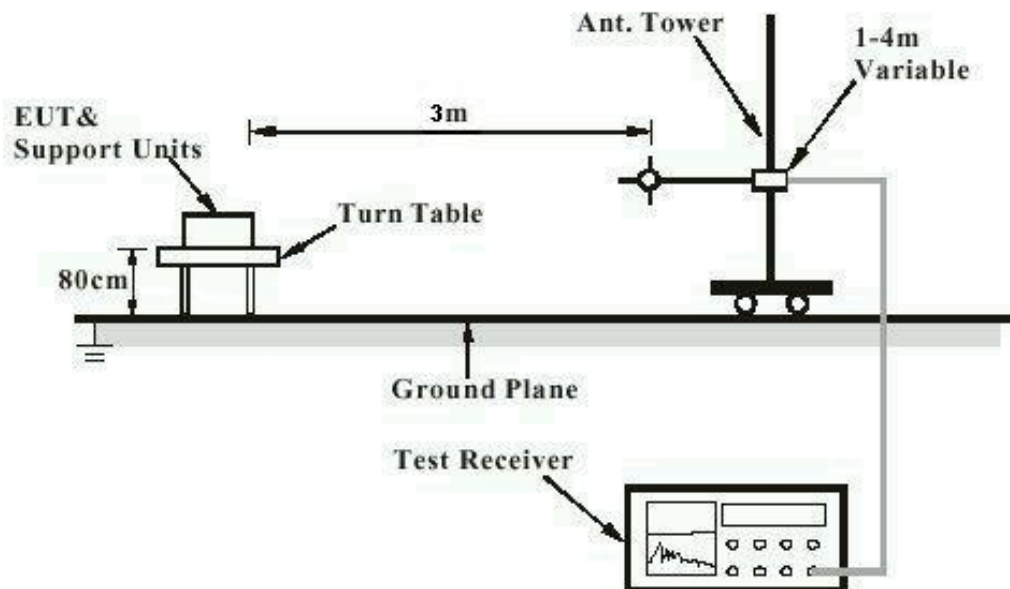
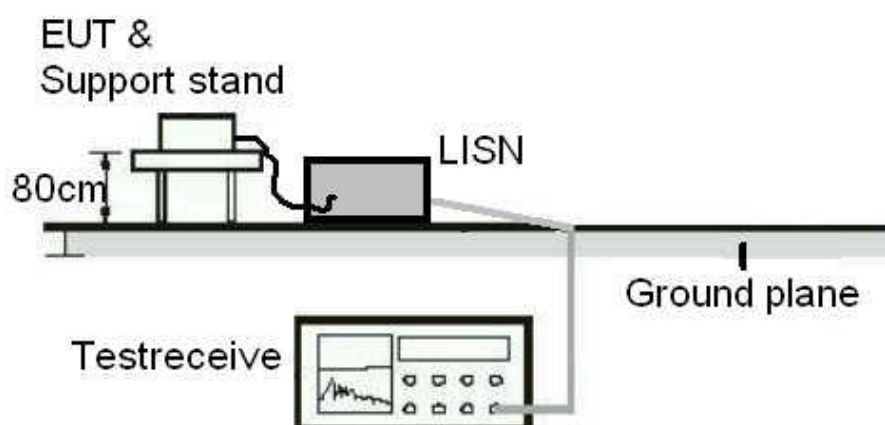


Diagram of Measurement Equipment Configuration for Conduction Measurement



3. General Product Information

3.1 Product Function and Intended Use

The EUTs are 11.6" windows tablet with Wi-Fi, Bluetooth function.
These models are identical except the model name.

The EUTs have two antennas, two antennas cannot transmitter simultaneously.

This report is for change design of EUT, the new design have the same wireless module with original design.

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	11.6" windows tablet
Type Designation	NS-P11W7100, NS-P11W7100-C, NS-P11xxxxxxxx (x=0-9, A-Z, a-z, -or blank, for market purpose only)
FCC ID	2AIB2-P11W7100W
IC	21456-P11W7100W
Extreme Temperature Range	0~+40°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, with charging
 - 1. Recording mode
 - 2. Playing mode
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014.
According to clause 3.1, all tests were applied on model NS-P11W7100 only.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	Shenzhen Sunun Power Technology CO., LTD	SA49-050300U	Input: AC 100-240V, 50/60Hz, 0.4A Output: DC 5V, 3A

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input
Earphone port	2 cores, non-shielded port, 3m	Audio Output
Microphone	2 cores, non-shielded port, 3m	Audio Input
MicroSD card slot	---	---

4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

5. Test Results EMISSION

5.1 Emission in the Frequency Range up to 30 MHz

5.1.1 Conducted emissions

RESULT:**Pass**

Date of testing	:	2017-05-23
Test standard	:	FCC Part 15.107 (a) ICES-003 Issue 6 January 2016
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107(a) ICES-003 Issue 6 January 2016
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	22°C
Relative humidity	:	55%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

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Conducted Emission Measurement

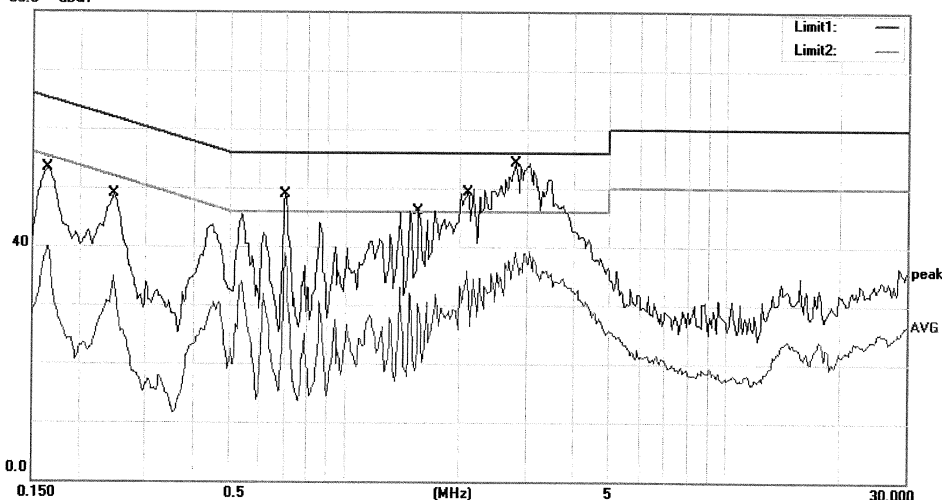
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Data :#2715

Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Running with Full System+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1650	53.35	0.00	53.35	65.21	-11.86	QP	
2		0.1650	40.00	0.00	40.00	55.21	-15.21	AVG	
3		0.2450	48.95	0.00	48.95	61.92	-12.97	QP	
4		0.2450	34.87	0.00	34.87	51.92	-17.05	AVG	
5		0.7000	48.89	0.00	48.89	56.00	-7.11	QP	
6		0.7000	38.85	0.00	38.85	46.00	-7.15	AVG	
7		1.5550	46.12	0.00	46.12	56.00	-9.88	QP	
8		1.5550	32.82	0.00	32.82	46.00	-13.18	AVG	
9	*	2.1050	49.40	0.00	49.40	56.00	-6.60	QP	
10		2.1050	35.87	0.00	35.87	46.00	-10.13	AVG	
11		2.8050	48.10	0.00	48.10	56.00	-7.90	QP	
12		2.8050	39.24	0.00	39.24	46.00	-6.76	AVG	

*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: KK

File :TUV\Data :#2715

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Conducted Emission Measurement

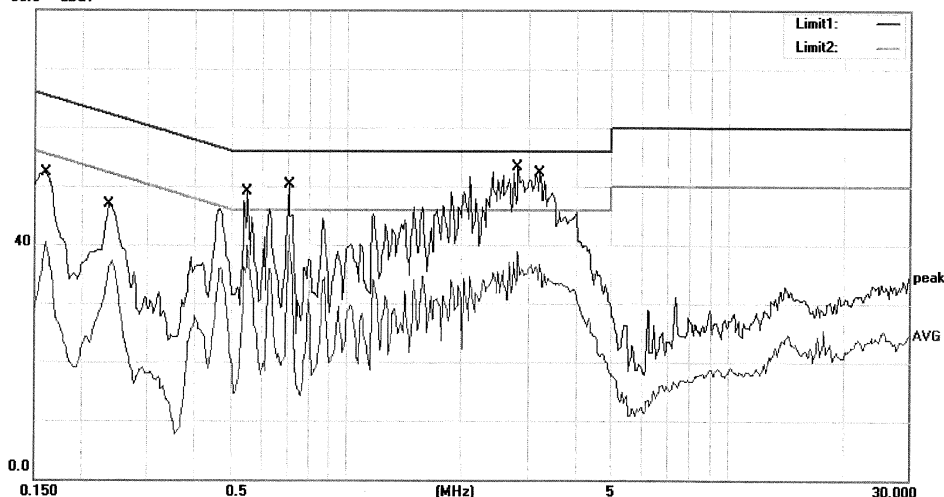
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Data :#2716

Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Running with Full System+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1600	52.35	0.00	52.35	65.46	-13.11	QP	
2		0.1600	40.48	0.00	40.48	55.46	-14.98	AVG	
3		0.2350	46.82	0.00	46.82	62.27	-15.45	QP	
4		0.2350	37.32	0.00	37.32	52.27	-14.95	AVG	
5		0.5500	46.40	0.00	46.40	56.00	-9.60	QP	
6		0.5500	39.84	0.00	39.84	46.00	-6.16	AVG	
7		0.7050	48.20	0.00	48.20	56.00	-7.80	QP	
8	*	0.7050	41.65	0.00	41.65	46.00	-4.35	AVG	
9		2.8200	49.10	0.00	49.10	56.00	-6.90	QP	
10		2.8200	38.99	0.00	38.99	46.00	-7.01	AVG	
11		3.2100	46.20	0.00	46.20	56.00	-9.80	QP	
12		3.2100	36.74	0.00	36.74	46.00	-9.26	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Stan

File :TUVData :#2716

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Conducted Emission Measurement

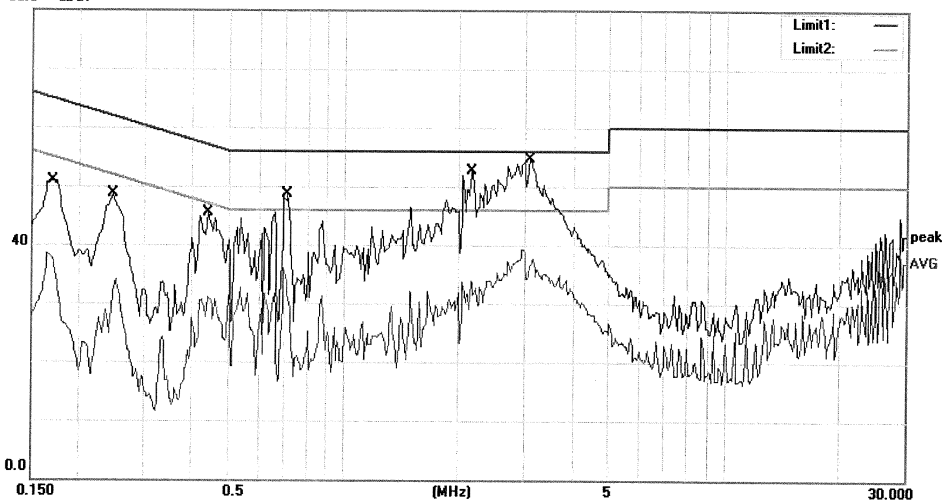
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Data :#2718

Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording(Real)+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1700	50.95	0.00	50.95	64.96	-14.01	QP	
2		0.1700	38.45	0.00	38.45	54.96	-16.51	AVG	
3		0.2450	45.10	0.00	45.10	61.92	-16.82	QP	
4		0.2450	34.15	0.00	34.15	51.92	-17.77	AVG	
5		0.4400	39.20	0.00	39.20	57.06	-17.86	QP	
6		0.4400	31.26	0.00	31.26	47.06	-15.80	AVG	
7		0.7100	45.10	0.00	45.10	56.00	-10.90	QP	
8		0.7100	36.05	0.00	36.05	46.00	-9.95	AVG	
9		2.1650	41.10	0.00	41.10	56.00	-14.90	QP	
10		2.1650	33.90	0.00	33.90	46.00	-12.10	AVG	
11		3.0800	47.80	0.00	47.80	56.00	-8.20	QP	
12	*	3.0800	39.21	0.00	39.21	46.00	-6.79	AVG	

*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: KK

File :TUV\Data :#2718

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Conducted Emission Measurement

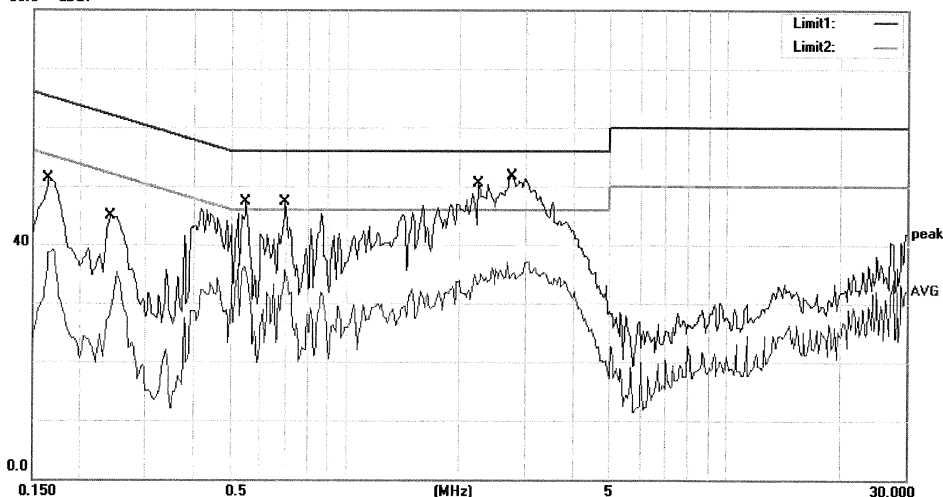
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Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording(Real)+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1650	51.27	0.00	51.27	65.21	-13.94	QP	
2		0.1650	39.19	0.00	39.19	55.21	-16.02	AVG	
3		0.2400	44.92	0.00	44.92	62.10	-17.18	QP	
4		0.2400	35.27	0.00	35.27	52.10	-16.83	AVG	
5		0.5500	47.27	0.00	47.27	56.00	-8.73	QP	
6		0.5500	36.74	0.00	36.74	46.00	-9.26	AVG	
7		0.6950	47.25	0.00	47.25	56.00	-8.75	QP	
8		0.6950	35.63	0.00	35.63	46.00	-10.37	AVG	
9		2.2400	50.46	0.00	50.46	56.00	-5.54	QP	
10		2.2400	36.07	0.00	36.07	46.00	-9.93	AVG	
11	*	2.7550	51.76	0.00	51.76	56.00	-4.24	QP	
12		2.7550	37.13	0.00	37.13	46.00	-8.87	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Stan

File :TUVData :#2717

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Conducted Emission Measurement

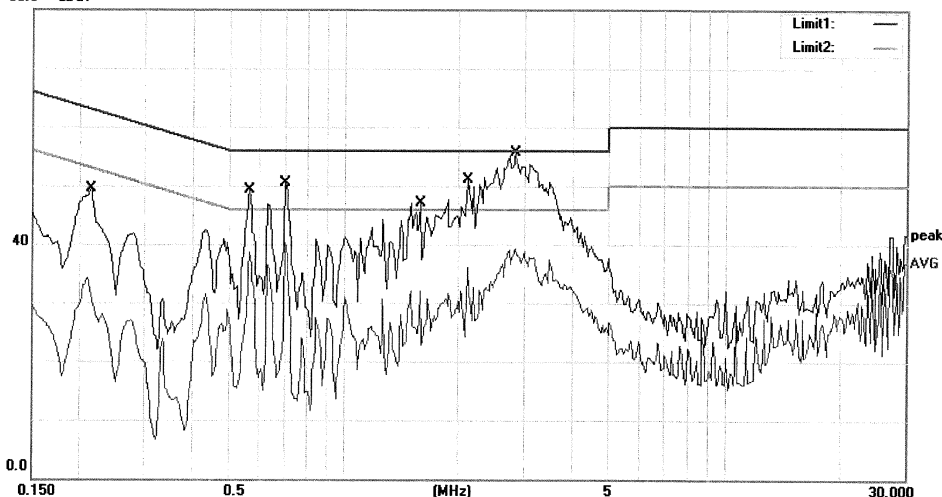
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Data :#2719

Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Reacording(Front)+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2150	49.57	0.00	49.57	63.01	-13.44	QP	
2		0.2150	34.36	0.00	34.36	53.01	-18.65	AVG	
3		0.5650	39.10	0.00	39.10	56.00	-16.90	QP	
4		0.5650	38.77	0.00	38.77	46.00	-7.23	AVG	
5		0.7000	44.40	0.00	44.40	56.00	-11.60	QP	
6	*	0.7000	40.24	0.00	40.24	46.00	-5.76	AVG	
7		1.5850	47.19	0.00	47.19	56.00	-8.81	QP	
8		1.5850	32.19	0.00	32.19	46.00	-13.81	AVG	
9		2.1200	45.60	0.00	45.60	56.00	-10.40	QP	
10		2.1200	36.05	0.00	36.05	46.00	-9.95	AVG	
11		2.8350	49.70	0.00	49.70	56.00	-6.30	QP	
12		2.8350	39.33	0.00	39.33	46.00	-6.67	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: KK

File :TUVData :#2719

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Conducted Emission Measurement

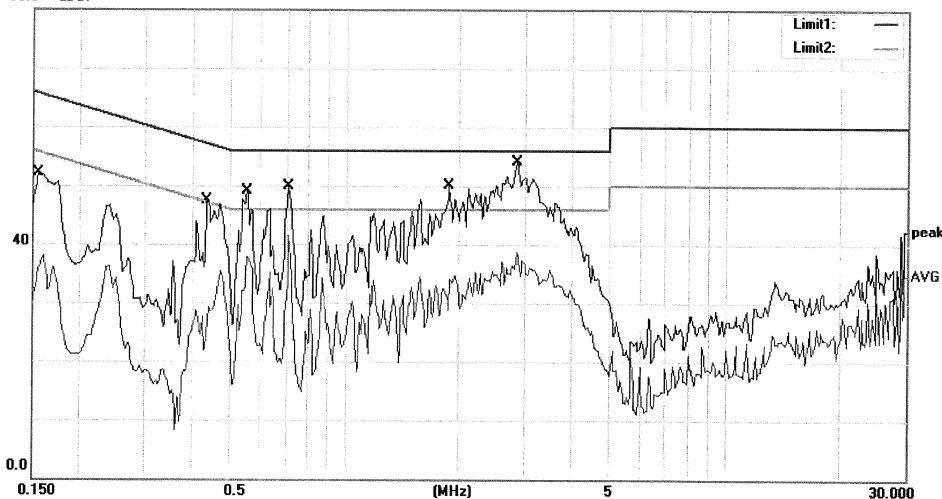
File :TUV

Data :#2720

Date: 2017/5/23

Time:

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 22

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Reacording(Front)+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1550	52.01	0.00	52.01	65.73	-13.72	QP	
2		0.1550	38.09	0.00	38.09	55.73	-17.64	AVG	
3		0.4350	47.48	0.00	47.48	57.16	-9.68	QP	
4		0.4350	35.58	0.00	35.58	47.16	-11.58	AVG	
5		0.5550	49.08	0.00	49.08	56.00	-6.92	QP	
6		0.5550	37.91	0.00	37.91	46.00	-8.09	AVG	
7		0.7050	49.82	0.00	49.82	56.00	-6.18	QP	
8	*	0.7050	41.56	0.00	41.56	46.00	-4.44	AVG	
9		1.8800	42.60	0.00	42.60	56.00	-13.40	QP	
10		1.8800	34.73	0.00	34.73	46.00	-11.27	AVG	
11		2.8450	48.80	0.00	48.80	56.00	-7.20	QP	
12		2.8450	38.63	0.00	38.63	46.00	-7.37	AVG	

*:Maximum data x:Over limit !:over margin

Comment: Factor build in receiver.

Operator: KK

File :TUV\Data :#2720

Page: 1

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Emission

RESULT:**Pass**

Date of testing	:	2017-05-23 to 2017-06-22
Test standard	:	FCC Part 15.109 (a) ICES-003 Issue 6 January 2016
Test procedure	:	ANSI C63.4: 2014
Frequency range	:	30 - 18000MHz
Equipment Classification	:	Class B
Limits	:	FCC Part 15.109(a) ICES-003 Issue 6 January 2016
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation mode	:	A
Earthing	:	Not connected
Ambient temperature	:	24°C
Relative humidity	:	53%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

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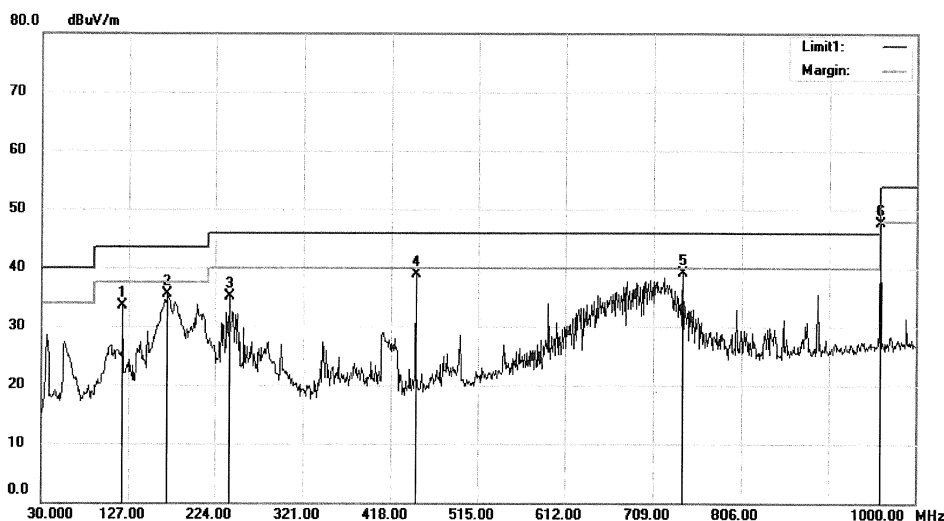

Radiated Emission Measurement

File: TUV 2017

Data: #86

Date: 2017/05/23

Time:



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Running with Full System+HDMI Out

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		120.2100	50.83	-17.35	33.48	43.50	-10.02	QP		
2		170.6500	53.77	-18.19	35.58	43.50	-7.92	QP		
3		239.5200	49.25	-14.09	35.16	46.00	-10.84	QP		
4		445.1600	47.41	-8.59	38.82	46.00	-7.18	QP		
5		741.9800	42.22	-3.17	39.05	46.00	-6.95	QP		
6	*	960.2300	47.95	-0.29	47.66	54.00	-6.34	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#86

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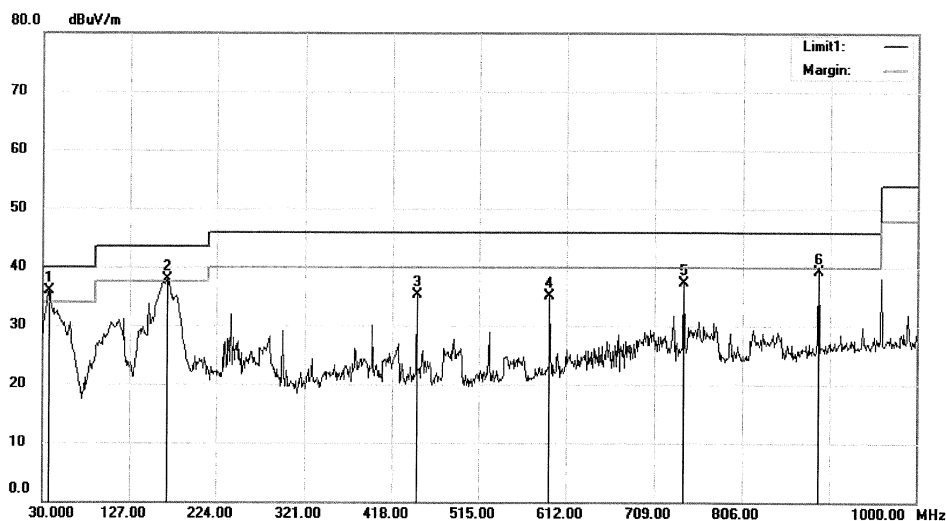

Radiated Emission Measurement

File :TUV 2017

Data :#87

Date: 2017/05/23

Time:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode:Running with Full System+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.7900	51.26	-15.36	35.90	40.00	-4.10	QP		
2	!	168.7100	56.30	-18.30	38.00	43.50	-5.50	QP		
3		445.1600	43.88	-8.59	35.29	46.00	-10.71	QP		
4		593.5700	40.28	-5.21	35.07	46.00	-10.93	QP		
5		741.9800	40.38	-3.17	37.21	46.00	-8.79	QP		
6		890.3900	40.46	-1.06	39.40	46.00	-6.60	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#87

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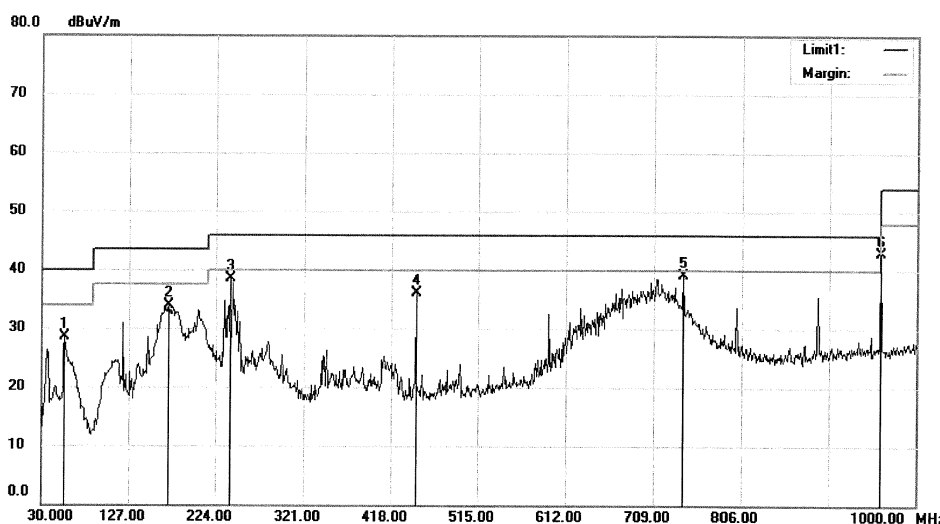

Radiated Emission Measurement

File :TUV 2017

Data :#88

Date: 2017/05/23

Time:



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording (Front) +HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		55.2200	44.06	-15.51	28.55	40.00	-11.45	QP		
2		171.6200	51.98	-18.04	33.94	43.50	-9.56	QP		
3		239.5200	52.64	-14.09	38.55	46.00	-7.45	QP		
4		445.1600	44.79	-8.59	36.20	46.00	-9.80	QP		
5	*	741.9800	42.31	-3.17	39.14	46.00	-6.86	QP		
6		960.2300	43.14	-0.29	42.85	54.00	-11.15	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#88

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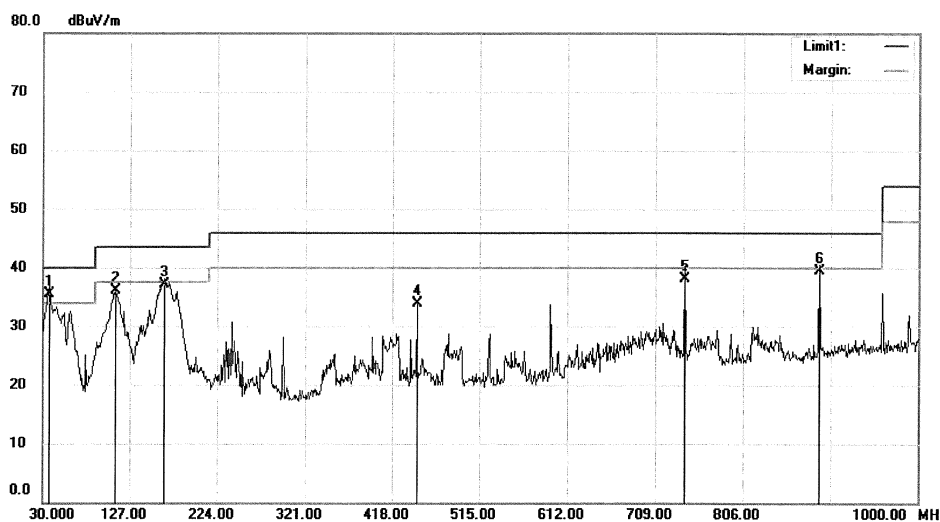

Radiated Emission Measurement

File: TUV 2017

Data: #89

Date: 2017/05/23

Time:



Site: 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording (Front) +HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	36.7900	50.96	-15.36	35.60	40.00	-4.40	QP		
2		110.5100	51.90	-15.77	36.13	43.50	-7.37	QP		
3		164.8300	55.42	-18.32	37.10	43.50	-6.40	QP		
4		445.1600	42.49	-8.59	33.90	46.00	-12.10	QP		
5		741.9800	41.37	-3.17	38.20	46.00	-7.80	QP		
6		890.3900	40.56	-1.06	39.50	46.00	-6.50	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#89

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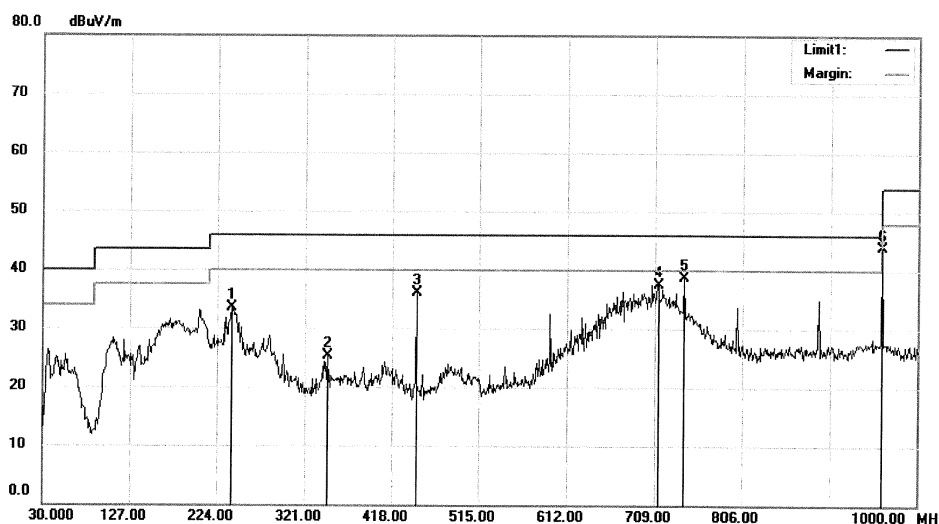

Radiated Emission Measurement

File :TUV 2017

Data :#311

Date: 2017/05/23

Time:



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording (Real) +HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		239.5200	47.64	-14.09	33.55	46.00	-12.45	QP		
2		346.2200	36.28	-10.93	25.35	46.00	-20.65	QP		
3		445.1600	44.79	-8.59	36.20	46.00	-9.80	QP		
4		712.8800	41.28	-3.74	37.54	46.00	-8.46	QP		
5	*	741.9800	41.81	-3.17	38.64	46.00	-7.36	QP		
6		960.2300	44.14	-0.29	43.85	54.00	-10.15	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#311

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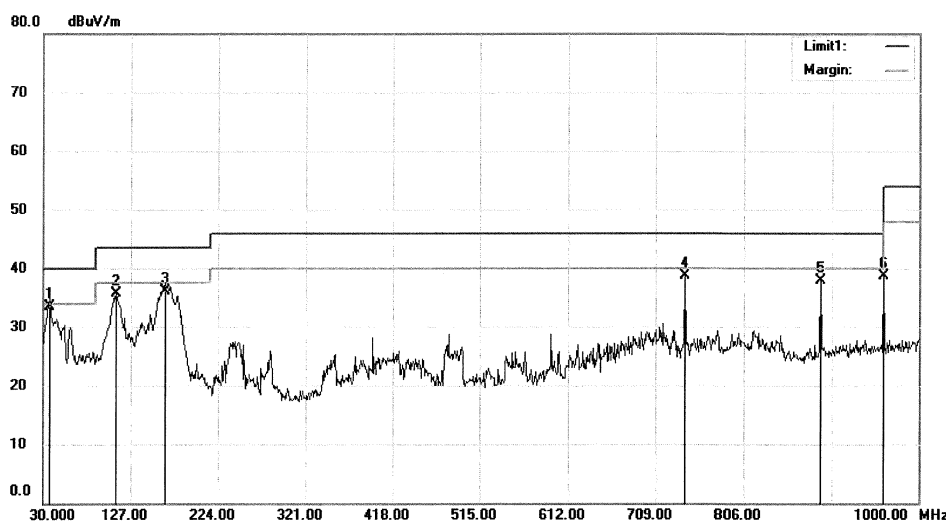

Radiated Emission Measurement

File :TUV 2017

Data :#312

Date: 2017/05/23

Time:



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode: Camera Recording (Real) +HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	36.7900	48.96	-15.36	33.60	40.00	-6.40	QP		
2		110.5100	51.40	-15.77	35.63	43.50	-7.87	QP		
3		164.8300	54.52	-18.32	36.20	43.50	-7.30	QP		
4		741.9800	41.95	-3.17	38.78	46.00	-7.22	QP		
5		890.3900	39.01	-1.06	37.95	46.00	-8.05	QP		
6		960.2300	39.03	-0.29	38.74	54.00	-15.26	QP		

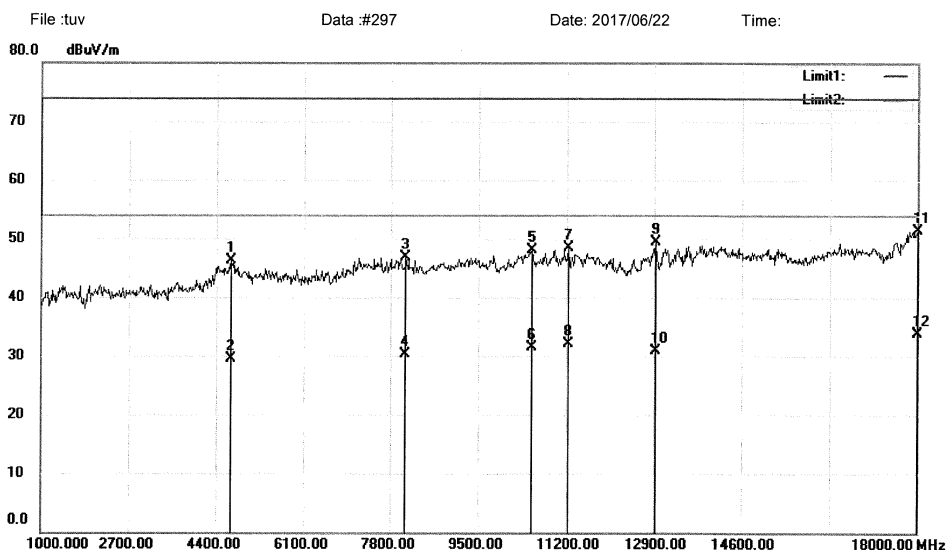
*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV 2017\Data :#312

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Radiated Emission Measurement


Site 3m Chamber #2 Polarization: **Horizontal** Temperature: 22 C
 Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
 EUT: Tablet PC
 M/N: NS-P11W7100
 Mode:Running With Full System+HDMI Out
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4689.000	54.84	-8.56	46.28	74.00	-27.72	peak		
2		4689.000	38.16	-8.56	29.60	54.00	-24.40	AVG		
3		8089.000	47.60	-0.79	46.81	74.00	-27.19	peak		
4		8089.000	31.19	-0.79	30.40	54.00	-23.60	AVG		
5		10520.00	43.23	4.89	48.12	74.00	-25.88	peak		
6		10520.00	26.61	4.89	31.50	54.00	-22.50	AVG		
7		11234.00	41.73	6.68	48.41	74.00	-25.59	peak		
8		11234.00	25.42	6.68	32.10	54.00	-21.90	AVG		
9		12934.00	41.84	7.63	49.47	74.00	-24.53	peak		
10		12934.00	23.27	7.63	30.90	54.00	-23.10	AVG		
11		18000.00	34.14	17.38	51.52	74.00	-22.48	peak		
12	*	18000.00	16.52	17.38	33.90	54.00	-20.10	AVG		

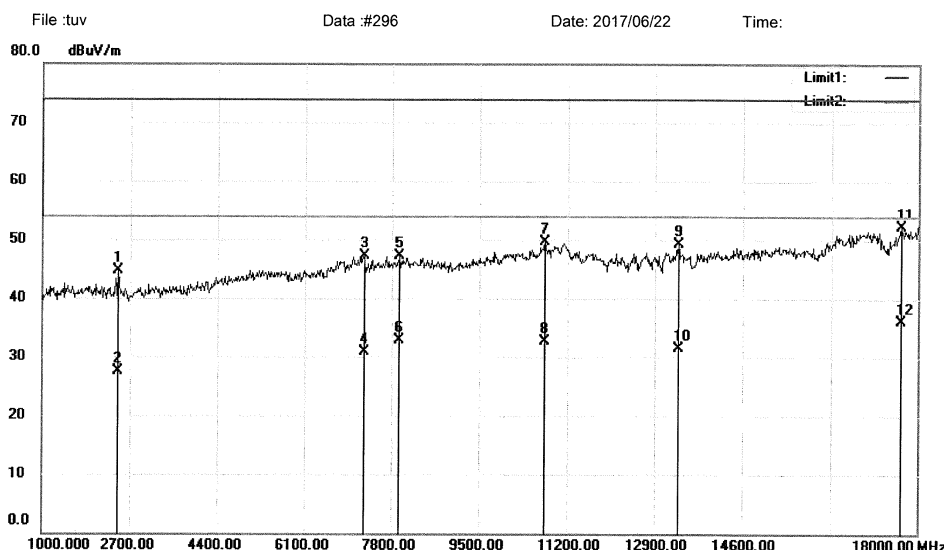
*:Maximum data x:Over limit !:over margin

Operator: KK

File :tuv\Data :#297

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Radiated Emission Measurement


Site 3m Chamber #2

 Polarization: **Vertical**

Temperature: 22 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 55 %

EUT: Tablet PC

M/N: NS-P11W7100

Mode:Running With Full System+HDMI Out

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2462.000	57.43	-12.63	44.80	74.00	-29.20	peak		
2		2462.000	40.23	-12.63	27.60	54.00	-26.40	AVG		
3		7256.000	49.42	-2.12	47.30	74.00	-26.70	peak		
4		7256.000	33.12	-2.12	31.00	54.00	-23.00	AVG		
5		7953.000	48.20	-0.96	47.24	74.00	-26.76	peak		
6		7953.000	33.96	-0.96	33.00	54.00	-21.00	AVG		
7		10758.00	43.99	5.65	49.64	74.00	-24.36	peak		
8		10758.00	27.05	5.65	32.70	54.00	-21.30	AVG		
9		13359.00	40.27	9.11	49.38	74.00	-24.62	peak		
10		13359.00	22.39	9.11	31.50	54.00	-22.50	AVG		
11		17660.00	35.66	16.70	52.36	74.00	-21.64	peak		
12	*	17660.00	19.40	16.70	36.10	54.00	-17.90	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :tuv\Data :#296

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