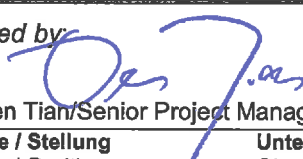
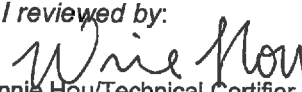


Prüfbericht-Nr.: <i>Test Report No.:</i>	50046347 004	Auftrags-Nr.: <i>Order No.:</i>	164063691	Seite 1 von 51 <i>Page 1 of 51</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	19.05.2016	
Auftraggeber: <i>Client:</i>	Lightcomm Technology Co., Ltd. RM 1808 18F, FO TAN INDUSTRIAL CENTRE, NOS. 26-28 AU PUI WAN STREET, FO TAN SHATIN NEW TERRITORIES, HONGKONG			
Prüfgegenstand: <i>Test item:</i>	Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	DL1026, MID1026-L, DL1026-***			
Auftrags-Inhalt: <i>Order content:</i>	FCC Certification/Verification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109			
Wareneingangsdatum: <i>Date of receipt:</i>	19.05.2016			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000366608-003			
Prüfzeitraum: <i>Testing period:</i>	03.06.2016 - 04.06.2016			
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:		
				
12.07.2016	Owen Tian/Senior Project Manager	12.07.2016	Winnie Hou/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>
				Unterschrift <i>Signature</i>
Sonstiges / Other:				
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 Report No.

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TEST SUMMARY

5.1.1 CONDUCTED EMISSIONS

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

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Test Report No.

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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)

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	ESU	1302.6005.26	2017-05-16
Loop Antenna	Schwarzbeck	FMZB 1519	1519-012	2017-05-16
Cable	H+B	3M SF104-26.5	295838/4	2017-05-28
Cable	H+B	6M SF104-26.5	295840/4	2017-05-28
Pre-Amplifier	HP	8447F	2944A07999	2017-05-16
Bilog Antenna	Schwarzbeck	VULB9163	142	2017-05-28
Cable	Schwarzbeck	AK9513	ACRX1	2017-05-16
Cable	Rosenberger	N/A	FP2RX2	2017-05-16
Cable	Schwarzbeck	AK9513	CRPX1	2017-05-28
Cable	Schwarzbeck	AK9513	CRRX2	2017-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2017-05-16
Horn Antenna	Schwarzbeck	BBHA 9120	707	2017-05-28
Pre-Amplifier	A.H.	PAM-0126	1415261	2017-05-16
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA91703 99	2017-05-16
EMI Test Receiver	Rohde & Schwarz	FSV40	132.1- 3008K39- 100967-AP	2017-05-16
Pre-Amplifier	Lunar EM	LNA26G40-40	J101313102 8001	2017-05-16
Horn Antenna	AHS/USA	SAS-573	184	2017-05-16
Cable	H+B	0.5M SF104- 26.5	289147/4	2017-05-16
Cable	H+B	3M SF104-26.5	295838/4	2017-05-16
Cable	H+B	6M SF104-26.5	295840/4	2017-05-16
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	2017-05-16
L.I.S.N.	Schwarzbeck	NNLK8129	8129203	2017-05-16
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	2017-05-16
Voltage Probe	Rohde & Schwarz	TK9416	N/A	2017-05-16
I.S.N	Rohde & Schwarz	ENY22	1109.9508.02	2017-05-16
50Ω Coaxial Switch	Anritsu	MP59B	M20531	2017-05-16

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

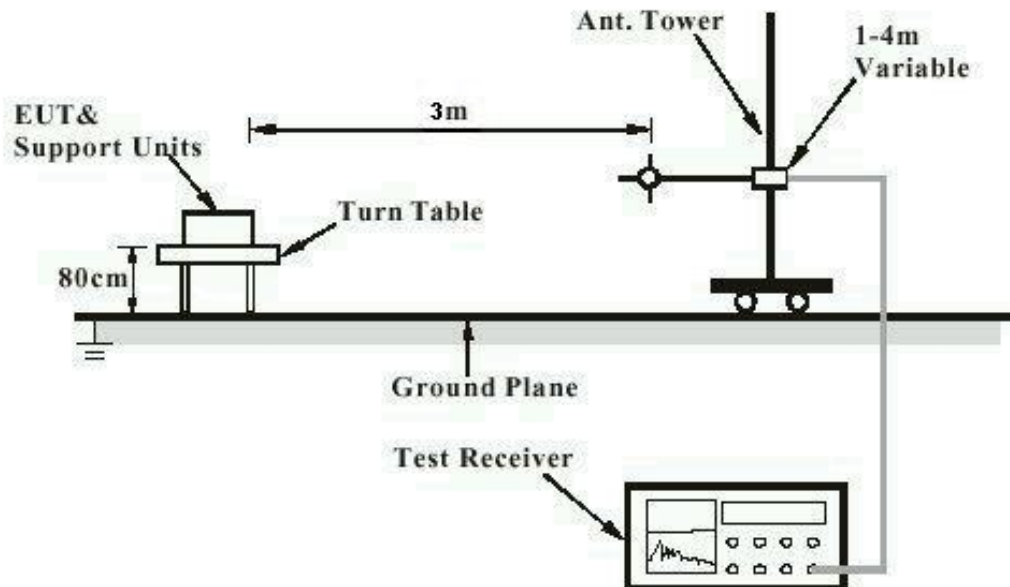
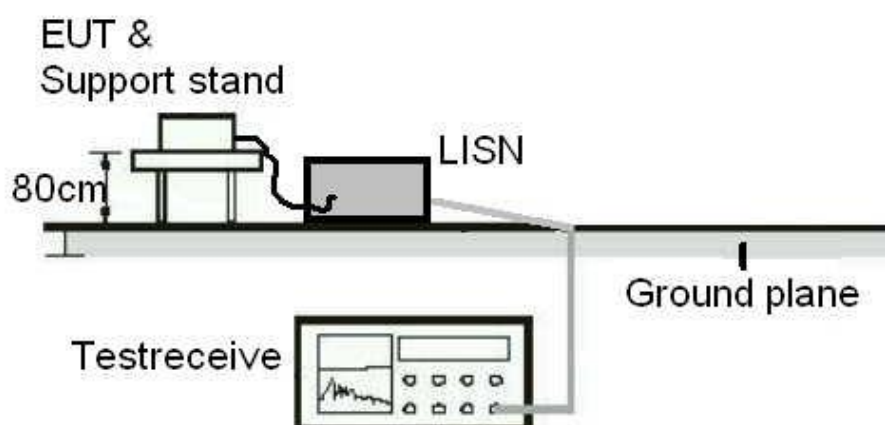


Diagram of Measurement Equipment Configuration for Conduction Measurement



3. General Product Information

3.1 Product Function and Intended Use

The EUTs are tablet with Wi-Fi, Bluetooth function.
These models are identical except the model name.
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	Tablet
Type Designation	DL1026, MID1026-L, DL1026-**
FCC ID	XMF-MID1026
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. Connected to PC
- C. Standby
- D. 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 DL1026 only.

Note: The model name was described as 'NS-P16AT08' in test data during testing, however the model is named 'DL1026' finally by manufacture.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	TEKA	TEKA012-0502000UK	Input: AC 100-240V, 50/60Hz, 0.35A; Output: DC 5V, 2A

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	:	2016-06-04
Test standard	:	FCC Part 15.107 (a)
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107(a)
Kind of test site	:	Shield room

Test setup

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

For details refer to following test plot.

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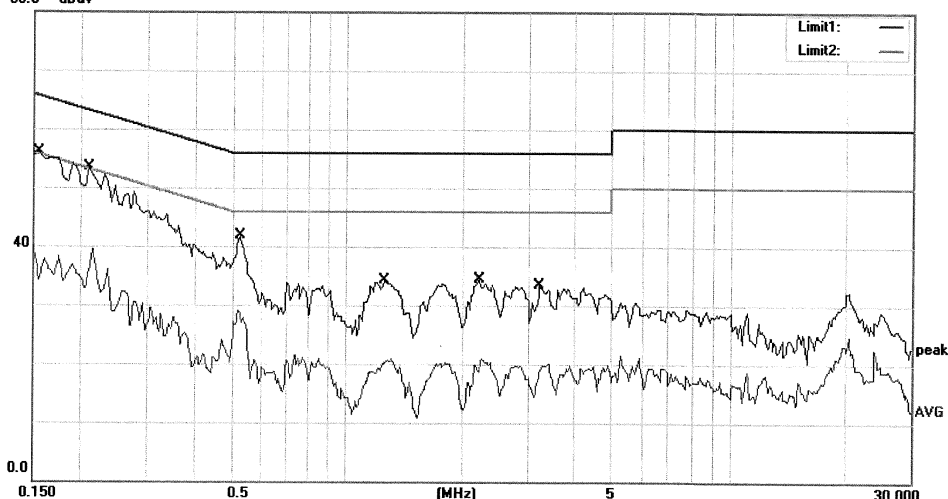

Conducted Emission Measurement

File :TUV

Data :#998

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1550	56.15	0.00	56.15	65.73	-9.58	QP	
2		0.1550	40.30	0.00	40.30	55.73	-15.43	AVG	
3		0.2100	53.44	0.00	53.44	63.21	-9.77	QP	
4		0.2100	39.49	0.00	39.49	53.21	-13.72	AVG	
5		0.5250	41.82	0.00	41.82	56.00	-14.18	QP	
6		0.5250	29.02	0.00	29.02	46.00	-16.98	AVG	
7		1.2500	34.32	0.00	34.32	56.00	-21.68	QP	
8		1.2500	20.94	0.00	20.94	46.00	-25.06	AVG	
9		2.2050	34.42	0.00	34.42	56.00	-21.58	QP	
10		2.2050	20.87	0.00	20.87	46.00	-25.13	AVG	
11		3.1900	33.46	0.00	33.46	56.00	-22.54	QP	
12		3.1900	20.20	0.00	20.20	46.00	-25.80	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUVData :#998

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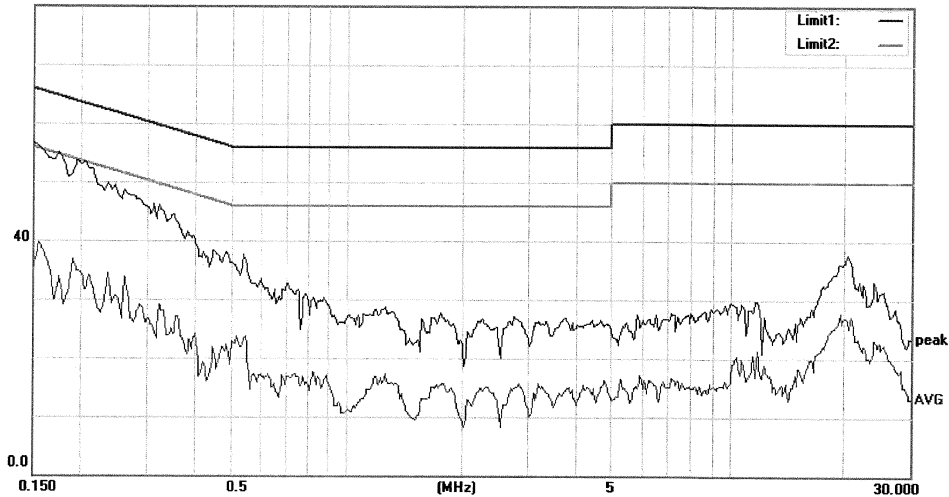

Conducted Emission Measurement

File :TUV

Data :#999

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

 Phase: **N**

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording(Front)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment

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

Comment: Factor build in receiver.

Operator: CSL

File :TUV\Data :#999

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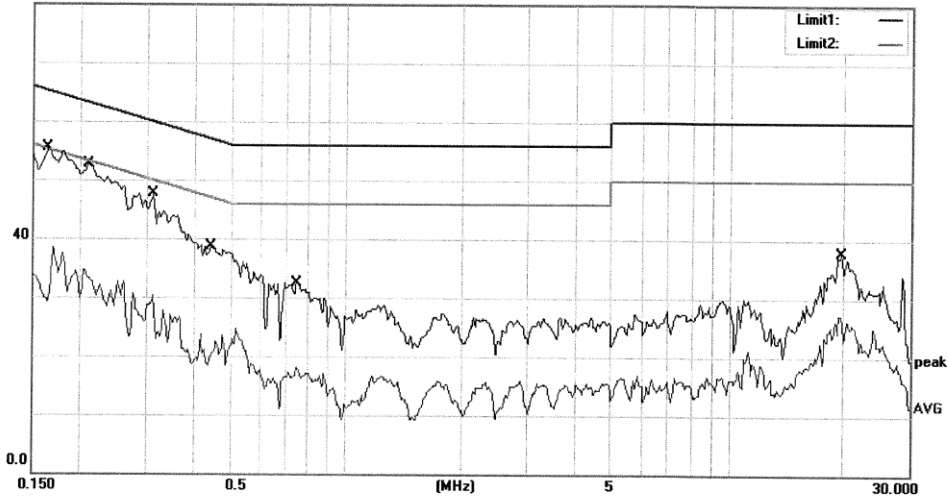

Conducted Emission Measurement

File :TUV

Data :#997

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

 Phase: **L1**

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording(rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	55.54	0.00	55.54	65.21	-9.67	QP	
2		0.1650	38.46	0.00	38.46	55.21	-16.75	AVG	
3		0.2100	52.72	0.00	52.72	63.21	-10.49	QP	
4		0.2100	34.67	0.00	34.67	53.21	-18.54	AVG	
5		0.3100	47.65	0.00	47.65	59.97	-12.32	QP	
6		0.3100	30.21	0.00	30.21	49.97	-19.76	AVG	
7		0.4400	38.64	0.00	38.64	57.06	-18.42	QP	
8		0.4400	23.71	0.00	23.71	47.06	-23.35	AVG	
9		0.7450	32.51	0.00	32.51	56.00	-23.49	QP	
10		0.7450	18.03	0.00	18.03	46.00	-27.97	AVG	
11		19.8000	37.72	0.00	37.72	60.00	-22.28	QP	
12		19.8000	27.12	0.00	27.12	50.00	-22.88	AVG	

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

File :TUVData :#997

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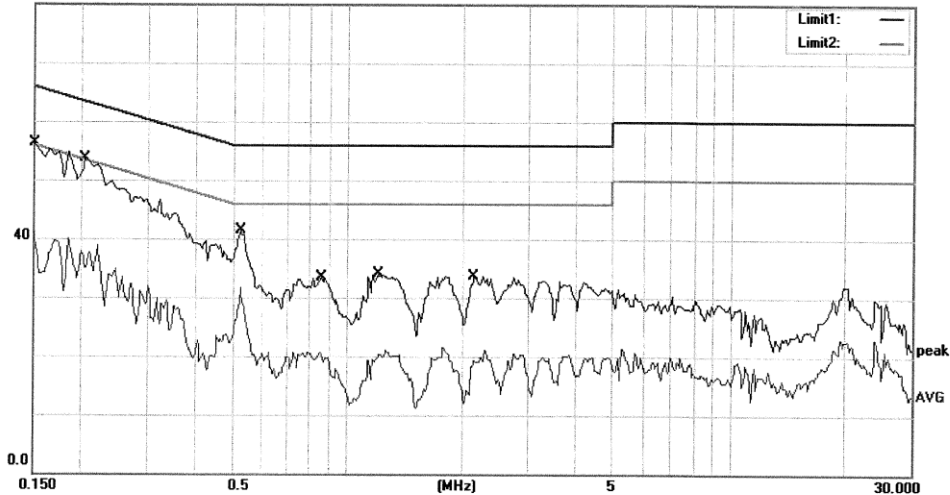

Conducted Emission Measurement

File :TUV

Data :#996

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

 Phase: **N**

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording(rear)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	56.28	0.00	56.28	66.00	-9.72	QP	
2		0.1500	41.14	0.00	41.14	56.00	-14.86	AVG	
3	*	0.2050	53.76	0.00	53.76	63.41	-9.65	QP	
4		0.2050	37.93	0.00	37.93	53.41	-15.48	AVG	
5		0.5250	41.42	0.00	41.42	56.00	-14.58	QP	
6		0.5250	31.73	0.00	31.73	46.00	-14.27	AVG	
7		0.8550	33.49	0.00	33.49	56.00	-22.51	QP	
8		0.8550	20.62	0.00	20.62	46.00	-25.38	AVG	
9		1.2000	34.06	0.00	34.06	56.00	-21.94	QP	
10		1.2000	20.35	0.00	20.35	46.00	-25.65	AVG	
11		2.1400	33.68	0.00	33.68	56.00	-22.32	QP	
12		2.1400	19.37	0.00	19.37	46.00	-26.63	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

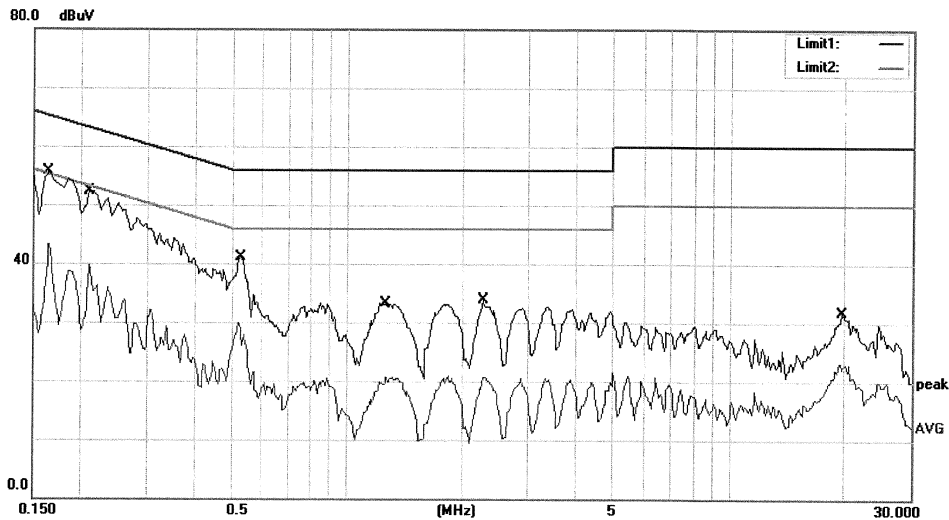
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Conducted Emission Measurement

File :TUV Data :#993 Date: 2016/06/04



Site Conduction #2 Phase: **L1** Temperature: 26
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: Video play(memory)
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1650	55.64	0.00	55.64	65.21	-9.57	QP	
2		0.1650	43.38	0.00	43.38	55.21	-11.83	AVG	
3		0.2100	52.36	0.00	52.36	63.21	-10.85	QP	
4		0.2100	39.73	0.00	39.73	53.21	-13.48	AVG	
5		0.5250	41.06	0.00	41.06	56.00	-14.94	QP	
6		0.5250	29.87	0.00	29.87	46.00	-16.13	AVG	
7		1.2600	33.28	0.00	33.28	56.00	-22.72	QP	
8		1.2600	20.73	0.00	20.73	46.00	-25.27	AVG	
9		2.2650	33.85	0.00	33.85	56.00	-22.15	QP	
10		2.2650	20.67	0.00	20.67	46.00	-25.33	AVG	
11		19.6750	31.67	0.00	31.67	60.00	-28.33	QP	
12		19.6750	23.06	0.00	23.06	50.00	-26.94	AVG	

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

File :TUV\Data :#993

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Conducted Emission Measurement

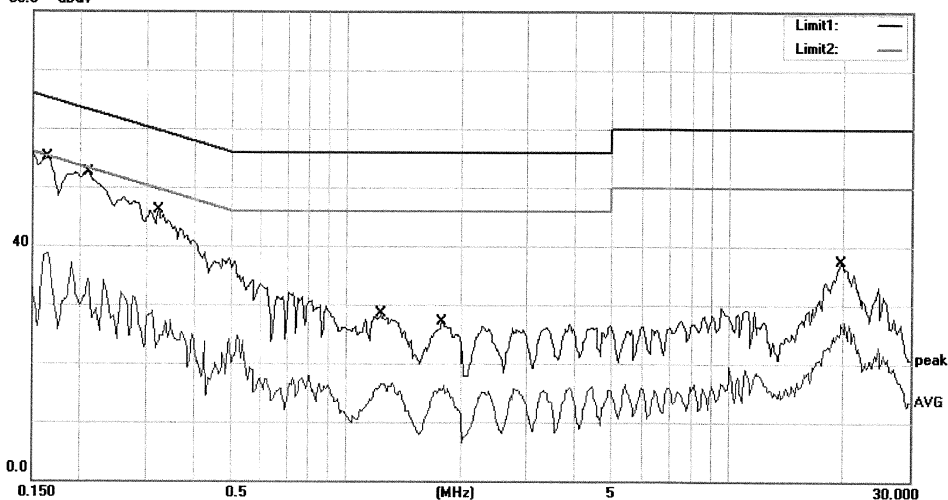
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Data :#994

Date: 2016/06/04

Time: 14:37:07

80.0 dBuV



Site Conduction #2

 Phase: **N**

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Video play(memory)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	55.12	0.00	55.12	65.21	-10.09	QP	
2		0.1650	38.78	0.00	38.78	55.21	-16.43	AVG	
3		0.2100	52.58	0.00	52.58	63.21	-10.63	QP	
4		0.2100	34.30	0.00	34.30	53.21	-18.91	AVG	
5		0.3200	46.04	0.00	46.04	59.71	-13.67	QP	
6		0.3200	28.98	0.00	28.98	49.71	-20.73	AVG	
7		1.2300	28.45	0.00	28.45	56.00	-27.55	QP	
8		1.2300	16.59	0.00	16.59	46.00	-29.41	AVG	
9		1.7750	27.01	0.00	27.01	56.00	-28.99	QP	
10		1.7750	16.34	0.00	16.34	46.00	-29.66	AVG	
11		19.7750	37.38	0.00	37.38	60.00	-22.62	QP	
12		19.7750	27.02	0.00	27.02	50.00	-22.98	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUV\Data :#994

Page: 1

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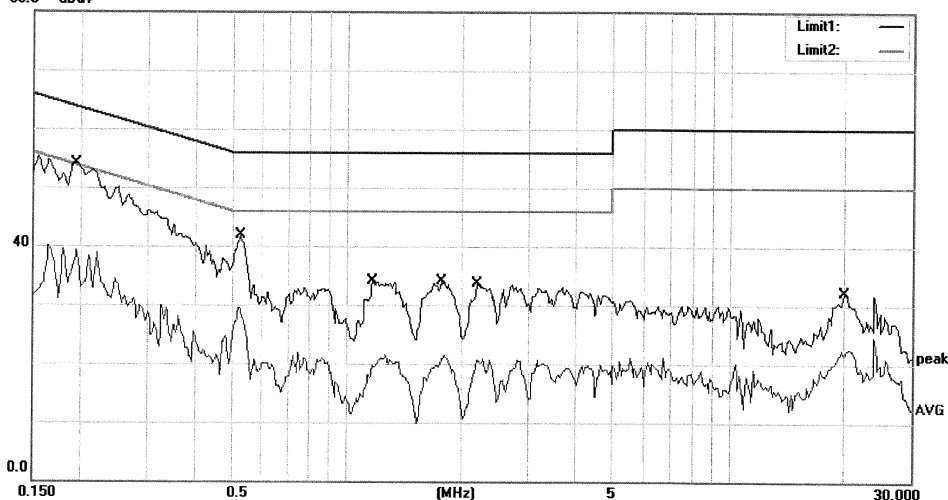

Conducted Emission Measurement

File :TUV

Data :#1001

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

 Phase: **L1**

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Video play(SD CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1950	54.08	0.00	54.08	63.82	-9.74	QP	
2		0.1950	39.51	0.00	39.51	53.82	-14.31	AVG	
3		0.5250	41.94	0.00	41.94	56.00	-14.06	QP	
4		0.5250	29.50	0.00	29.50	46.00	-16.50	AVG	
5		1.1600	34.16	0.00	34.16	56.00	-21.84	QP	
6		1.1600	21.43	0.00	21.43	46.00	-24.57	AVG	
7		1.7600	34.01	0.00	34.01	56.00	-21.99	QP	
8		1.7600	21.41	0.00	21.41	46.00	-24.59	AVG	
9		2.1900	33.74	0.00	33.74	56.00	-22.26	QP	
10		2.1900	20.83	0.00	20.83	46.00	-25.17	AVG	
11		19.9750	32.06	0.00	32.06	60.00	-27.94	QP	
12		19.9750	22.55	0.00	22.55	50.00	-27.45	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUV\Data :#1001

Page: 1

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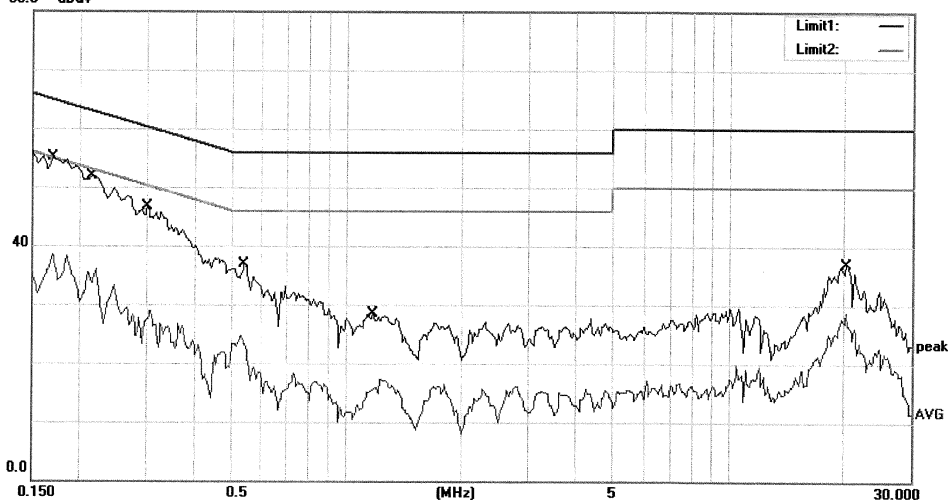

Conducted Emission Measurement

File :TUV

Data :#1000

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Video play(SD CARD)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1700	55.03	0.00	55.03	64.96	-9.93	QP	
2		0.1700	38.55	0.00	38.55	54.96	-16.41	AVG	
3		0.2150	51.97	0.00	51.97	63.01	-11.04	QP	
4		0.2150	36.18	0.00	36.18	53.01	-16.83	AVG	
5		0.3000	46.63	0.00	46.63	60.24	-13.61	QP	
6		0.3000	28.98	0.00	28.98	50.24	-21.26	AVG	
7		0.5400	36.94	0.00	36.94	56.00	-19.06	QP	
8		0.5400	24.67	0.00	24.67	46.00	-21.33	AVG	
9		1.1700	28.59	0.00	28.59	56.00	-27.41	QP	
10		1.1700	15.92	0.00	15.92	46.00	-30.08	AVG	
11		20.3500	36.99	0.00	36.99	60.00	-23.01	QP	
12		20.3500	28.63	0.00	28.63	50.00	-21.37	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUV\Data :#1000

Page: 1

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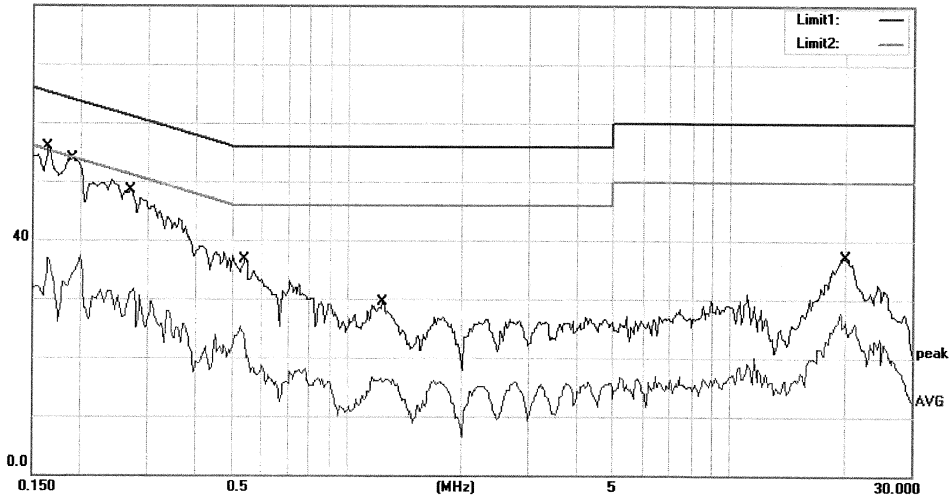

Conducted Emission Measurement

File: TUV

Data: #1002

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

Phase: L1

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Video play(USB)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	55.94	0.00	55.94	65.21	-9.27	QP	
2		0.1650	36.83	0.00	36.83	55.21	-18.38	AVG	
3		0.1900	53.95	0.00	53.95	64.04	-10.09	QP	
4		0.1900	37.28	0.00	37.28	54.04	-16.76	AVG	
5		0.2700	48.51	0.00	48.51	61.12	-12.61	QP	
6		0.2700	31.79	0.00	31.79	51.12	-19.33	AVG	
7		0.5400	36.67	0.00	36.67	56.00	-19.33	QP	
8		0.5400	25.33	0.00	25.33	46.00	-20.67	AVG	
9		1.2400	29.56	0.00	29.56	56.00	-26.44	QP	
10		1.2400	16.59	0.00	16.59	46.00	-29.41	AVG	
11		20.1000	37.02	0.00	37.02	60.00	-22.98	QP	
12		20.1000	27.62	0.00	27.62	50.00	-22.38	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

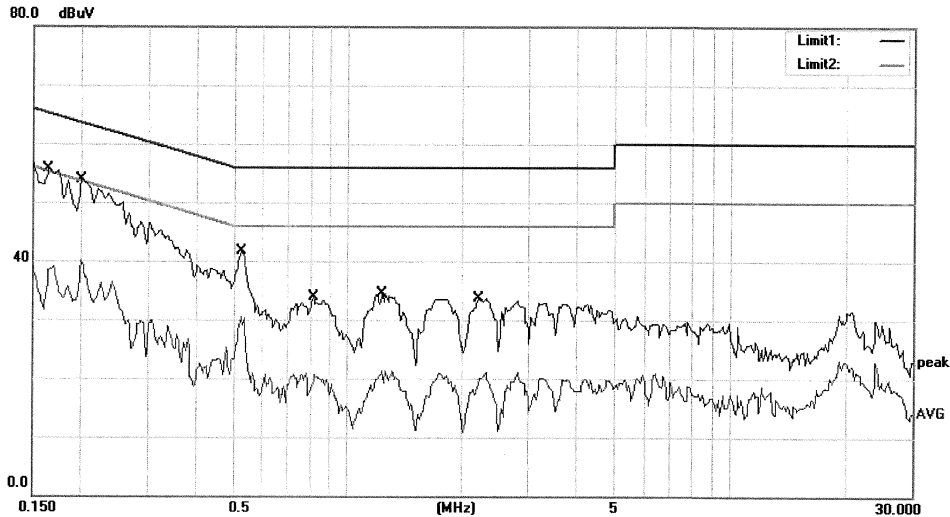
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Conducted Emission Measurement

File :TUV Data :#1003 Date: 2016/06/04



Site Conduction #2 Phase: **N** Temperature: 26
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: Video play(USB)
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	55.76	0.00	55.76	65.21	-9.45	QP	
2		0.1650	39.12	0.00	39.12	55.21	-16.09	AVG	
3		0.2000	53.96	0.00	53.96	63.61	-9.65	QP	
4		0.2000	40.04	0.00	40.04	53.61	-13.57	AVG	
5		0.5250	41.66	0.00	41.66	56.00	-14.34	QP	
6		0.5250	30.58	0.00	30.58	46.00	-15.42	AVG	
7		0.8150	33.81	0.00	33.81	56.00	-22.19	QP	
8		0.8150	20.94	0.00	20.94	46.00	-25.06	AVG	
9		1.2300	34.60	0.00	34.60	56.00	-21.40	QP	
10		1.2300	21.28	0.00	21.28	46.00	-24.72	AVG	
11		2.2050	33.74	0.00	33.74	56.00	-22.26	QP	
12		2.2050	21.13	0.00	21.13	46.00	-24.87	AVG	

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

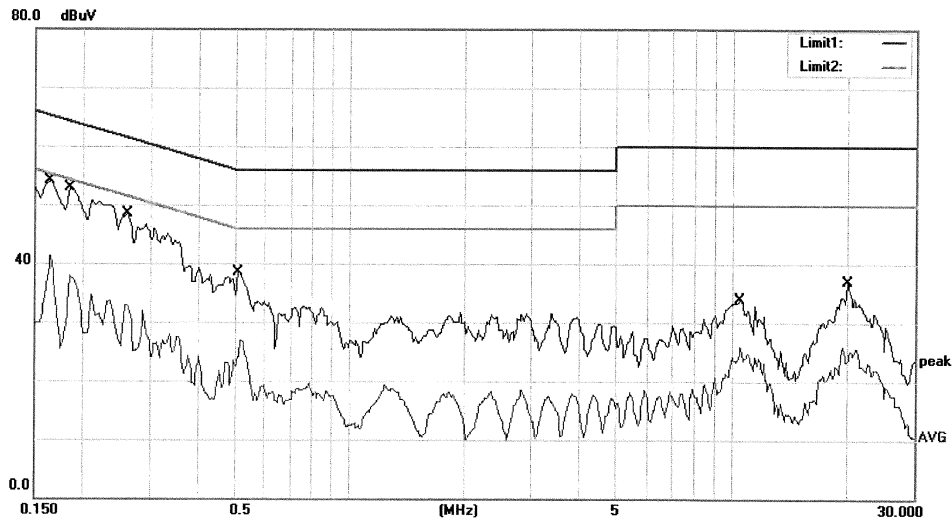
File :TUV\Data :#1003

Page: 1

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Conducted Emission Measurement

File :TUV Data :#1005 Date: 2016/06/04



Site Conduction #2 Phase: **L1** Temperature: 26
 Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
 EUT: MID
 M/N: NS-P16AT08
 Mode: Connect to PC
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	54.15	0.00	54.15	65.21	-11.06	QP	
2		0.1650	41.40	0.00	41.40	55.21	-13.81	AVG	
3		0.1850	52.90	0.00	52.90	64.26	-11.36	QP	
4		0.1850	37.84	0.00	37.84	54.26	-16.42	AVG	
5		0.2600	48.48	0.00	48.48	61.43	-12.95	QP	
6		0.2600	32.92	0.00	32.92	51.43	-18.51	AVG	
7		0.5100	38.46	0.00	38.46	56.00	-17.54	QP	
8		0.5100	26.86	0.00	26.86	46.00	-19.14	AVG	
9		10.5000	33.88	0.00	33.88	60.00	-26.12	QP	
10		10.5000	25.82	0.00	25.82	50.00	-24.18	AVG	
11		20.0500	36.81	0.00	36.81	60.00	-23.19	QP	
12		20.0500	25.90	0.00	25.90	50.00	-24.10	AVG	

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

File :TUV\Data :#1005

Page: 1

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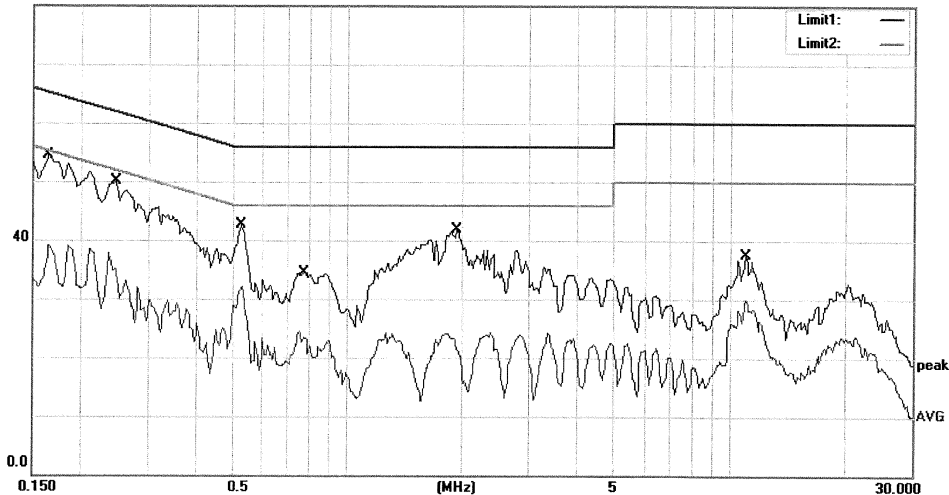

Conducted Emission Measurement

File :TUV

Data :#1004

Date: 2016/06/04

80.0 dBuV



Site Conduction #2

Phase: N

Temperature: 26

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 55 %

EUT: MID

M/N: NS-P16AT08

Mode: Connect to PC

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1650	54.41	0.00	54.41	65.21	-10.80	QP	
2		0.1650	39.04	0.00	39.04	55.21	-16.17	AVG	
3		0.2450	50.07	0.00	50.07	61.92	-11.85	QP	
4		0.2450	37.90	0.00	37.90	51.92	-14.02	AVG	
5		0.5250	42.75	0.00	42.75	56.00	-13.25	QP	
6		0.5250	32.11	0.00	32.11	46.00	-13.89	AVG	
7		0.7700	34.56	0.00	34.56	56.00	-21.44	QP	
8		0.7700	24.56	0.00	24.56	46.00	-21.44	AVG	
9		1.9350	41.82	0.00	41.82	56.00	-14.18	QP	
10		1.9350	24.17	0.00	24.17	46.00	-21.83	AVG	
11		11.0000	37.48	0.00	37.48	60.00	-22.52	QP	
12		11.0000	29.86	0.00	29.86	50.00	-20.14	AVG	

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

Comment: Factor build in receiver.

Operator: CSL

File :TUV\Data :#1004

Page: 1

Prüfbericht - Nr.: 50046347 004
Test Report No.**Seite 24 von 51**
Page 24 of 51

5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated Emission

RESULT:**Pass**

Date of testing	:	2016-06-03
Test standard	:	FCC Part 15.109 (a)
Test procedure	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Equipment Classification	:	Class B
Limits	:	FCC Part 15.109(a)
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

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

For details refer to following test plot.

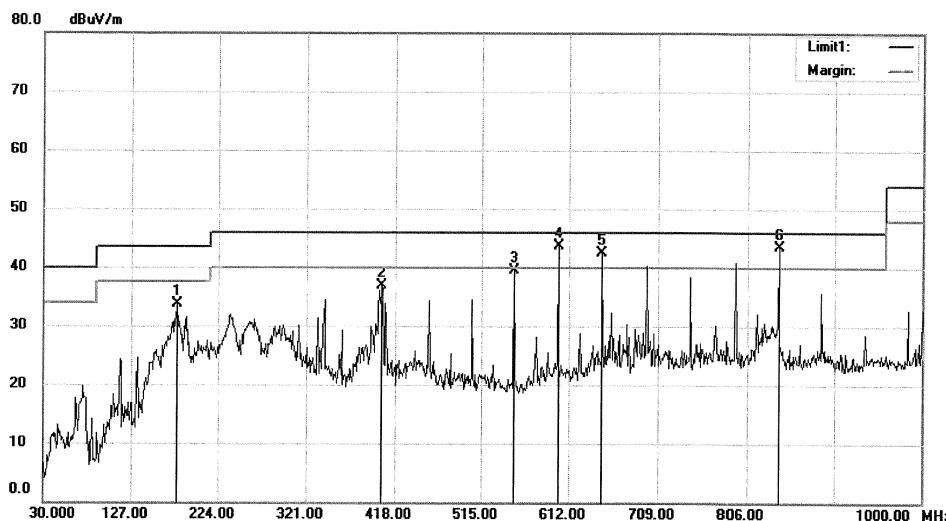
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Radiated Emission Measurement

File :TUV

Data :#775

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording

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		178.4100	50.92	-17.17	33.75	43.50	-9.75	QP		
2		403.4500	46.26	-9.41	36.85	46.00	-9.15	QP		
3		551.8600	46.04	-6.62	39.42	46.00	-6.58	QP		
4	*	600.3600	49.52	-5.85	43.67	46.00	-2.33	QP		
5	!	647.8900	47.62	-5.07	42.55	46.00	-3.45	QP		
6	!	840.9200	45.85	-2.31	43.54	46.00	-2.46	QP		

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

Operator: KK

File :TUV\Data :#775

Page: 1

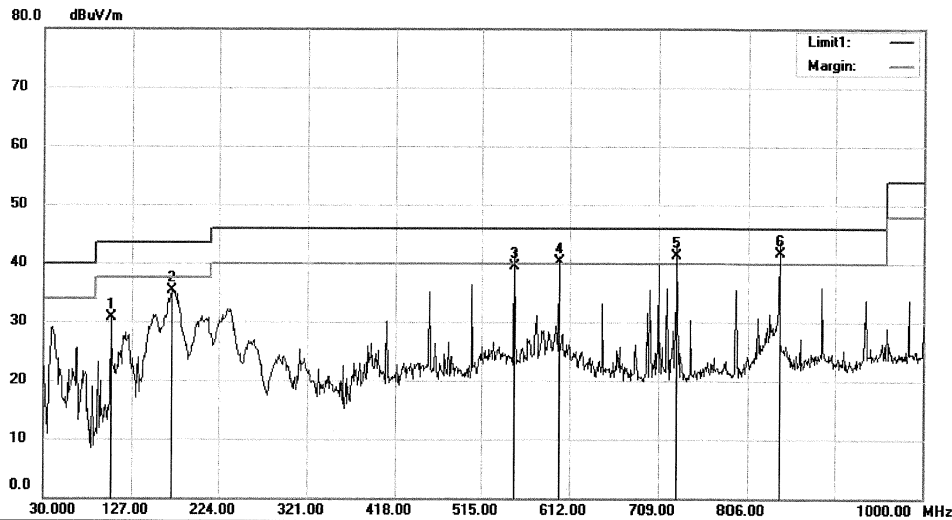
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Radiated Emission Measurement

File :TUV

Data :#777

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Camera recording

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		103.7200	46.08	-15.30	30.78	43.50	-12.72	QP		
2		171.6200	52.44	-17.21	35.23	43.50	-8.27	QP		
3		551.8600	46.12	-6.62	39.50	46.00	-6.50	QP		
4	!	600.3600	46.17	-5.85	40.32	46.00	-5.68	QP		
5	!	729.3700	45.12	-3.82	41.30	46.00	-4.70	QP		
6	*	840.9200	44.11	-2.31	41.80	46.00	-4.20	QP		

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

Operator: KK

File :TUV\Data :#777

Page: 1

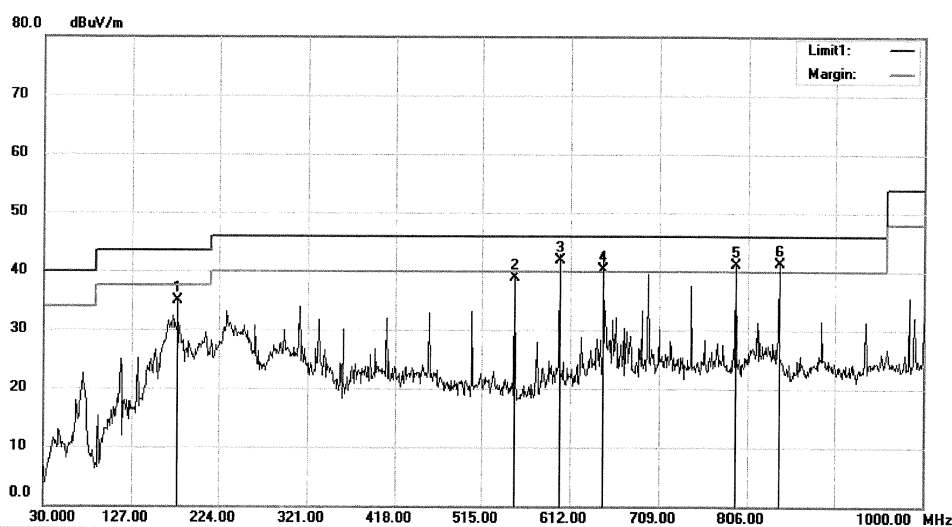
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Radiated Emission Measurement

File :TUV

Data :#780

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: camera recoding rear

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		178.4100	52.10	-17.17	34.93	43.50	-8.57	QP		
2		551.8600	45.55	-6.62	38.93	46.00	-7.07	QP		
3	*	600.3600	47.75	-5.85	41.90	46.00	-4.10	QP		
4	!	647.8900	45.37	-5.07	40.30	46.00	-5.70	QP		
5	!	792.4200	44.09	-2.93	41.16	46.00	-4.84	QP		
6	!	840.9200	43.61	-2.31	41.30	46.00	-4.70	QP		

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

Operator: KK

File :TUV\Data :#780

Page: 1

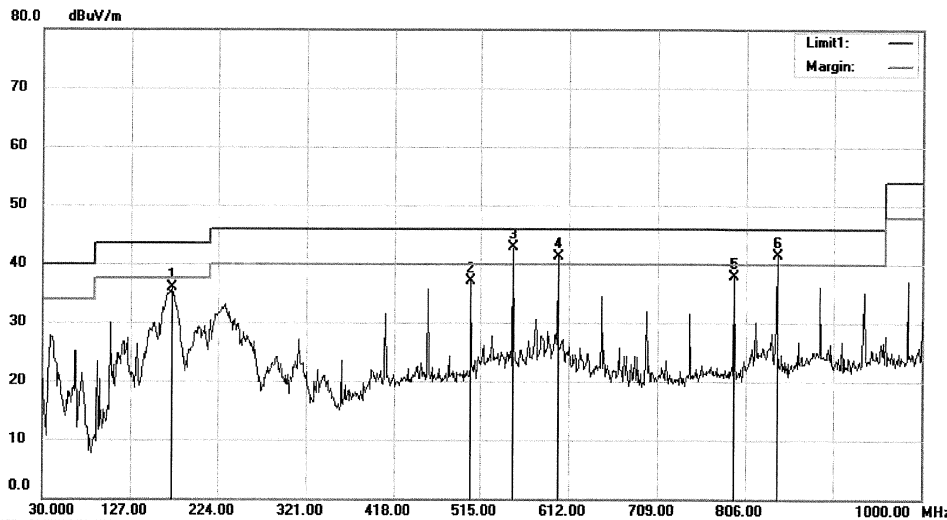
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Radiated Emission Measurement

File :TUV

Data :#781

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: camera recoding rear

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		172.5900	53.20	-17.21	35.99	43.50	-7.51	QP		
2		504.3300	44.41	-7.40	37.01	46.00	-8.99	QP		
3	*	551.8600	49.52	-6.62	42.90	46.00	-3.10	QP		
4	!	600.3600	47.07	-5.85	41.22	46.00	-4.78	QP		
5		792.4200	40.85	-2.93	37.92	46.00	-8.08	QP		
6	!	840.9200	43.85	-2.31	41.54	46.00	-4.46	QP		

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

Operator: KK

File :TUV\Data :#781

Page: 1

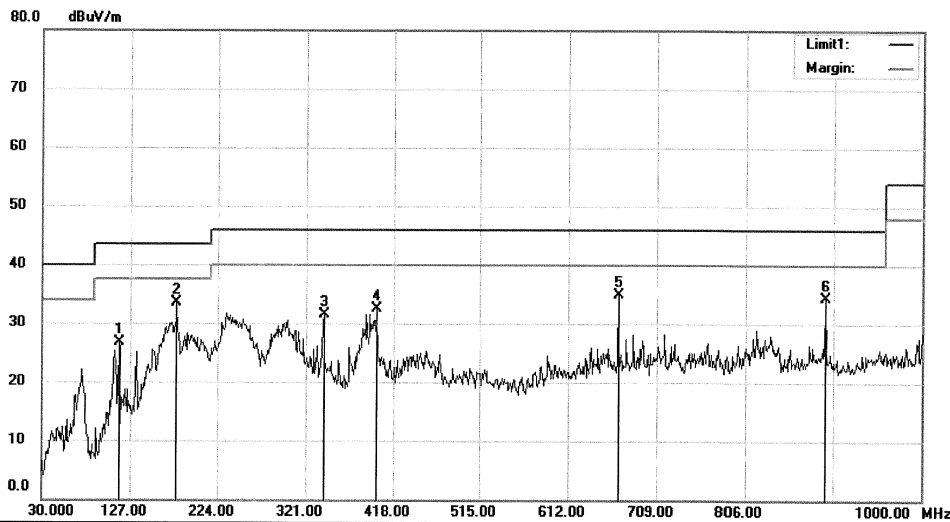
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Radiated Emission Measurement

File :TUV

Data :#782

Date: 2016/06/03



Site: 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Videoplay memory

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		114.3900	42.78	-16.12	26.66	43.50	-16.84	QP		
2	*	178.4100	50.75	-17.17	33.58	43.50	-9.92	QP		
3		340.4000	41.87	-10.29	31.58	46.00	-14.42	QP		
4		398.6000	42.00	-9.46	32.54	46.00	-13.46	QP		
5		666.3200	39.60	-4.78	34.82	46.00	-11.18	QP		
6		894.2700	35.99	-1.63	34.36	46.00	-11.64	QP		

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

Operator: KK

File :TUV\Data :#782

Page: 1

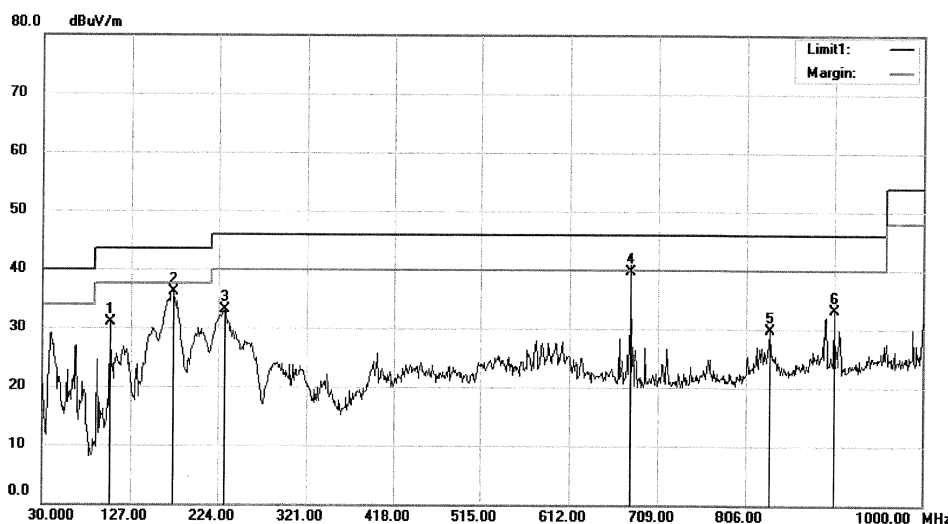
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Radiated Emission Measurement

File :TUV

Data :#783

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Videoplay memory

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		103.7200	46.26	-15.30	30.96	43.50	-12.54	QP		
2		173.5600	53.29	-17.20	36.09	43.50	-7.41	QP		
3		230.7900	47.39	-14.19	33.20	46.00	-12.80	QP		
4	*	678.9300	44.38	-4.58	39.80	46.00	-6.20	QP		
5		832.1900	32.14	-2.41	29.73	46.00	-16.27	QP		
6		903.0000	34.56	-1.52	33.04	46.00	-12.96	QP		

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

Operator: KK

File :TUV\Data :#783

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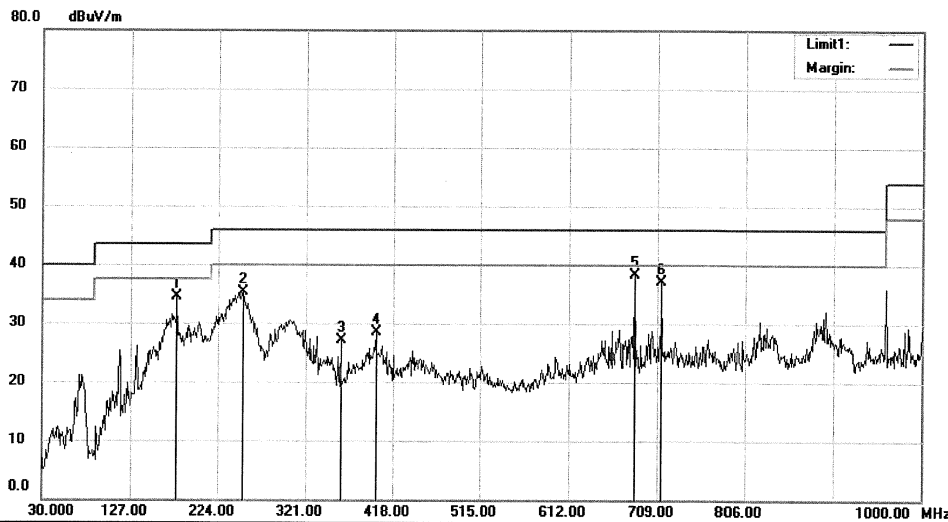
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Radiated Emission Measurement

File :TUV

Data :#778

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Videoplay usb

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		178.4100	51.72	-17.17	34.55	43.50	-8.95	QP		
2		252.1300	48.75	-13.37	35.38	46.00	-10.62	QP		
3		359.8000	37.69	-10.63	27.06	46.00	-18.94	QP		
4		398.6000	38.06	-9.46	28.60	46.00	-17.40	QP		
5	*	683.7800	42.84	-4.51	38.33	46.00	-7.67	QP		
6		713.8500	41.24	-4.04	37.20	46.00	-8.80	QP		

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

Operator: KK

File :TUV\Data :#778

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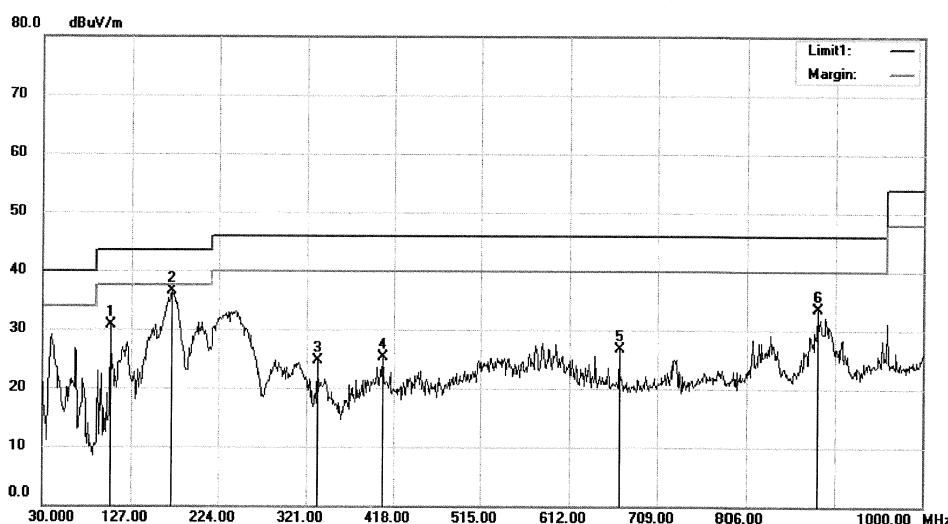
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Radiated Emission Measurement

File :TUV

Data :#779

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Videoplay usb

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		103.7200	46.10	-15.30	30.80	43.50	-12.70	QP		
2	*	171.6200	53.80	-17.21	36.59	43.50	-6.91	QP		
3		332.6400	35.38	-10.68	24.70	46.00	-21.30	QP		
4		405.3900	34.80	-9.40	25.40	46.00	-20.60	QP		
5		666.3200	31.49	-4.78	26.71	46.00	-19.29	QP		
6		883.6000	35.36	-1.76	33.60	46.00	-12.40	QP		

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

Operator: KK

File :TUV\Data :#779

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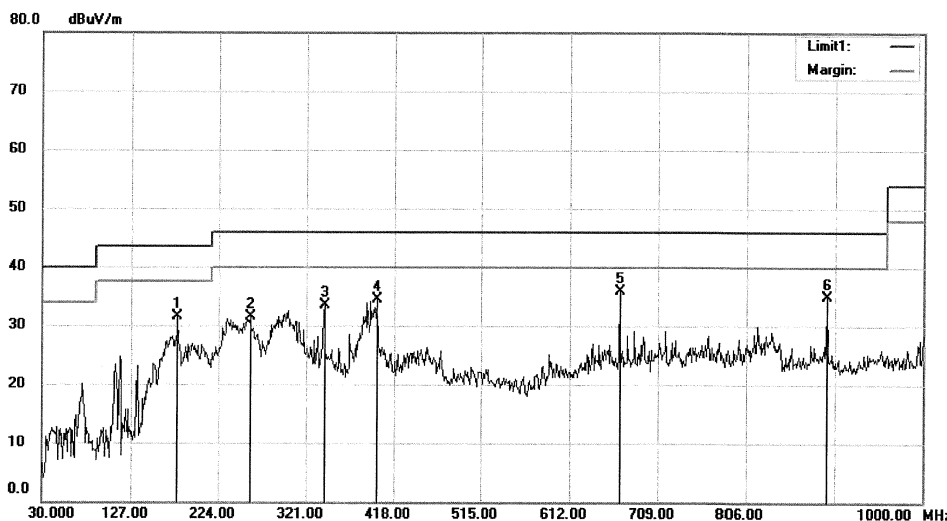
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Radiated Emission Measurement

File :TUV

Data :#810

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Video play(SD card)

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		178.4100	48.75	-17.17	31.58	43.50	-11.92	QP		
2		258.9200	44.61	-13.04	31.57	46.00	-14.43	QP		
3		340.4000	43.87	-10.29	33.58	46.00	-12.42	QP		
4		398.6000	44.00	-9.46	34.54	46.00	-11.46	QP		
5	*	666.3200	40.60	-4.78	35.82	46.00	-10.18	QP		
6		894.2700	36.49	-1.63	34.86	46.00	-11.14	QP		

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

Operator: KK

File :TUV\Data :#810

Page: 1

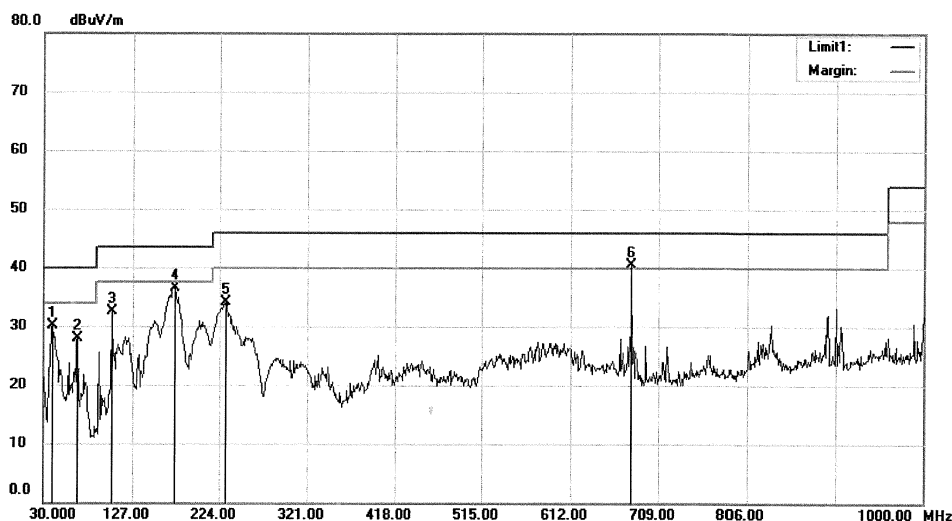
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Radiated Emission Measurement

File :TUV

Data :#811

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode:Video play(SD card)

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		39.7000	45.66	-15.59	30.07	40.00	-9.93	QP		
2		66.8600	44.82	-17.01	27.81	40.00	-12.19	QP		
3		103.7200	47.76	-15.30	32.46	43.50	-11.04	QP		
4		173.5600	53.79	-17.20	36.59	43.50	-6.91	QP		
5		230.7900	48.39	-14.19	34.20	46.00	-11.80	QP		
6	*	678.9300	45.06	-4.58	40.48	46.00	-5.52	QP		

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

Operator: KK

File :TUV\Data :#811

Page: 1

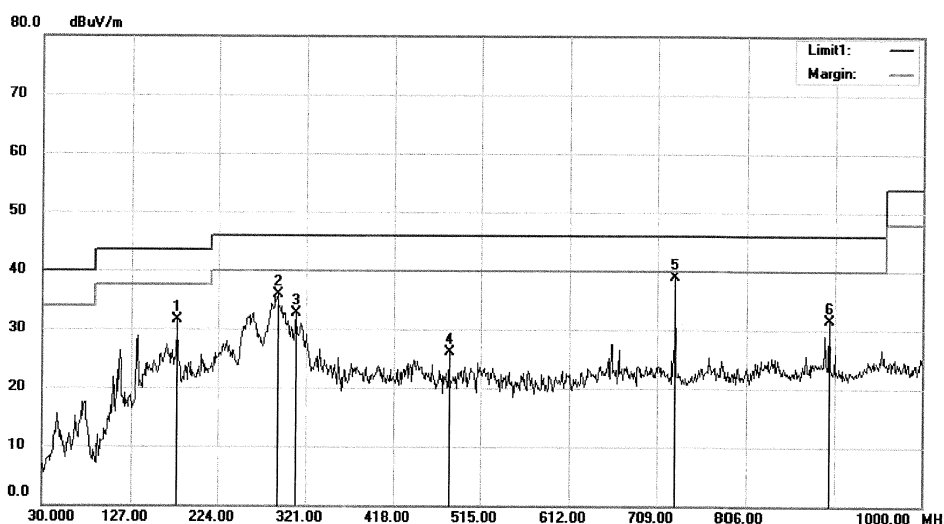
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 Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 518052 P. R. China
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Radiated Emission Measurement

File :TUV

Data :#785

Date: 2016/06/03



Site 3m Chamber #3

 Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 CLASS B

Power: AC 120V/60Hz

Humidity: 53 %

EUT: MID

M/N: NS-P16AT08

Mode: Connect to pc

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		178.4100	48.66	-17.17	31.49	43.50	-12.01	QP		
2		289.9600	47.94	-12.02	35.92	46.00	-10.08	QP		
3		309.3600	44.11	-11.48	32.63	46.00	-13.37	QP		
4		480.0800	33.86	-7.79	26.07	46.00	-19.93	QP		
5	*	729.3700	42.72	-3.82	38.90	46.00	-7.10	QP		
6		897.1800	33.16	-1.59	31.57	46.00	-14.43	QP		

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

Operator: KK

File :TUV\Data :#785

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