EMC TEST REPORT

Test item	: Enterprise Handheld Computer
Model No.	: EF400
Order No.	: DTNC1510-05261
Date of receipt	: 2015-10-23
Test duration	: 2015-11-25 ~ 2015-12-03
Date of Issue	: 2015-12-15
Applicant	: Bluebird Inc.
	(SEI tower 13~14F) 39, Eonju-ro 30-gil, Gangnam-gu, Seoul, Korea
Test laboratory	: DT&C Co., Ltd.
	42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 449-935

Test specification	: ANSI C 63.4:2009 FCC Part 15 Subpart B (Class B personal computers and peripherals)
Test environment	: Temperature : (21 ~ 25) °C, Humidity : (41 ~ 43) % R.H.
Test result	: ☒ Comply ☐ Not Comply

Tested by:

Engineer
JunSeo Park

Reviewed by:

Technical Manager
Hyunsuk Ko

PRESIDENT OF DT&C Co., Ltd.

CONTENTS

1. General Remarks

This report contains the result of tests performed by:

Dt&C Co., Ltd.

Address : 42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 449-935

http://www.dtnc.net

Tel: +82-31-321-2664 Fax: +82-31-321-1664

2. Test Laboratory

Dt&C Co., Ltd. has been accredited / filed / authorized by the agencies listed in the following table;

Certificate	Nation	Agency	Code	Mark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
Site Filing	USA	FCC	KR0034 101842 678747, 596748, 804488, 165783	Accredited 2.948 Listed
	Canada	IC	5740A-1 5740A-2	Registered
	Japan	VCCI	C-1427 R-1364, R-3385, R-4076, R-4180, T-1442, G-338, G754, G-815	Registered
Certification	Korea	KC	KR0034	Designation
	Germany	TUV	CARAT 13 11 86721 001	ISO/IEC 17025

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competent of calibration and testing laboratory”.

3. General Information of EUT

Kind of Equipment	Enterprise Handheld Computer
Model No.	EF400
Add Model No	None
Serial No	None
Supplied Power for Test	AC 120 V, 60 Hz
Rating Power	DC 5V, 3A Adaptor Input 100 ~ 240V, 50 ~ 60Hz Output 5V
Applicant	Bluebird Inc. (SEI tower 13~14F) 39, Eonju-ro 30-gil, Gangnam-gu, Seoul, Korea
Manufacturer	Bluebird Inc. (SEI tower 13~14F) 39, Eonju-ro 30-gil, Gangnam-gu, Seoul, Korea

Related Submittal(s) / Grant(s)

Original submittal only.

4. Test Summary

4.1 Applied standards and test results

Test Items	Applied Standards	Results
Conducted Disturbance	ANSI C63.4:2009	**C**
Radiated Disturbance	ANSI C63.4:2009	**C**
C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable		

The data in this test report are traceable to the national or international standards.

4.2 Test environment and conditions

Test Items	Test date (YYYY-MM-DD)	Temp (℃)	Humidity (% R.H.)
Conducted Disturbance	2015-11-16 2015-12-03	25 22	41 43
Radiated Disturbance	2015-12-01 2015-11-25 2015-12-03	22 21 22	40 40 43

5. Test Set-up and operation mode

5.1 Principle of Configuration Selection

Emission : The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

5.2 Test Operation Mode

- PC LINK MODE : Test on After connecting LAPTOP and Continuously operated read, write, delete
- CHARGING MODE : Test on After connecting ADAPTER
- BARCODE SCANNER : Continuously operated BARCODE SCANNER
- FRONT CAMERA : Continuously operated FRONT CAM.
- MP3 : Continuously operated MP3 file.
- MP4 : Continuously operated MP4 file.
- REAR CAMERA : Continuously operated REAR CAM.

Mode Number	Mode Name
Mode 1	PC Link MODE
Mode 2	Charging MODE
Mode 3	Barcode MODE
Mode 4	FRONT CAM
Mode 5	MP3 MODE
Mode 6	MP4 MODE
Mode 7	REAR CAM MODE

5.3 Support Equipment Used

< PC Link MODE>

Unit	Model No.	Serial No.	Manufacturer	CABLE				Back shell	FCC ID
				Connect type	Length (m)	shield	With Ferrite		
KEY BOARD	KU-1156	724720-KD1	HP	USB	1.7	Non-shield	X	Plastic	-
MOUSE	M-UAE96	NONE	Logitech	USB	1.7	Non-shield	O(NOTE)	Plastic	-
LCD MONITOR	23MT55D	406KKLP4C808	LG	POWER DSUB	1.8 1.8	Non-shield Shield	X X	Plastic Plastic	-
ADAPTER	LCAP26-E	EE94N627089070103	Genmao Electronics (Suzhou) Co., Ltd.	POWER DC POWER	1.6 1.7	Non-shield Non-shield	X X	Plastic Plastic	-
PC	DCSM	F92QFBX	DELL	POWER DSUB PARALLEL USB USB USB STEREO LAN	1.8 1.8 2.0 1.7 1.7 0.5 2.0 -	Non-shield Shield Shield Non-shield Non-shield Shield Non-shield Non-shield	X X X X X X X X	Plastic Plastic Plastic Plastic Plastic Plastic Plastic Plastic	-
HDD	9ZR8N1-500	NA0H4ANH	Seagate	USB	0.5	shield	X	Plastic	-
PRINTER	SRP-770	N/A	Bixolon	POWER PARALLEL	1.8 2.0	Non-shield shield	X X	Plastic Plastic	-
Headset	COV909	N/A	COSY	STEREO	2.0	Non-shield	X	Plastic	-
EAR PHONE	NONE	NONE	SAMSUNG	AUDIO	1.40	Non-shield	-	-	-

< CHARGING MODE >

Unit	Model No.	Serial No.	Manufacturer	CABLE				Back shell	FCC ID
				Connect type	Length (m)	shield	With Ferrite		
EAR PHONE	NONE	NONE	SAMSUNG	AUDIO	1.40	Non-shield	-	-	-
Switching power supply	PSA105R-050Q CH	P145200807A2	Phihong (Dongguan) Electronica co ,.Ltd	DC OUT POWER	1.8 -	Non-shield Non-shield	-	-	-

< Normal Operating(Portable) MODE >

Unit	Model No.	Serial No.	Manufacturer	CABLE				Back shell	FCC ID
				Connect type	Length (m)	shield	With Ferrite		
EAR PHONE	NONE	NONE	SAMSUNG	AUDIO	1.40	Non-shield	-	-	-

* NOTE) The cable with ferrite core is provided by manufacturer.

6. Test Results : Emission

6.1 Conducted Disturbance

6.1.1 Measurement Procedure

In the range of 0.15 MHz to 30 MHz, the conducted disturbance was measured and set-up was made accordance with **ANSI C63.4.**

If the EUT is table top equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 0.4 m from the conducting wall of the shielded room.

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Connect the EUT's power source lines to the PC power through the LISN. All the other peripherals are connected to the 2nd LISN, if any.

Unused measuring port of the LISN was resistively terminated by 50 ohm terminator.

The measuring port of the LISN for EUT was connected to spectrum analyzer.

Using conducted emission test software, the emissions were scanned with peak detector mode.

After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and CISPR Average detector.

For (0.15 ~ 30) MHz frequency range, Quasi-Peak detector with 10 kHz RBW and 30 kHz VBW was used. By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.

For further description of the configuration refer to the picture of the test set-up.

6.1.2 Limit for Conducted Disturbance

(1) Conducted disturbance at mains ports.

Frequency range (MHz)	Limits dB(μV)			
	Quasi-peak		Average	
	Class A	Class B	Class A	Class B
0.15 to 0.50	79	66 to 56	66	56 to 46
0.50 to 5	73	56	60	46
5 to 30		60		50
Note 1 The lower limit shall apply at the transition frequencies. Note 2 The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Note) 1. Emission Level = Reading Value + Correction Factor.
2. Correction Factor = Cable Loss + Insertion Loss of LISN
3. Margin = Limit - Emission level

< PC Link MODE >

Results of Conducted Emission

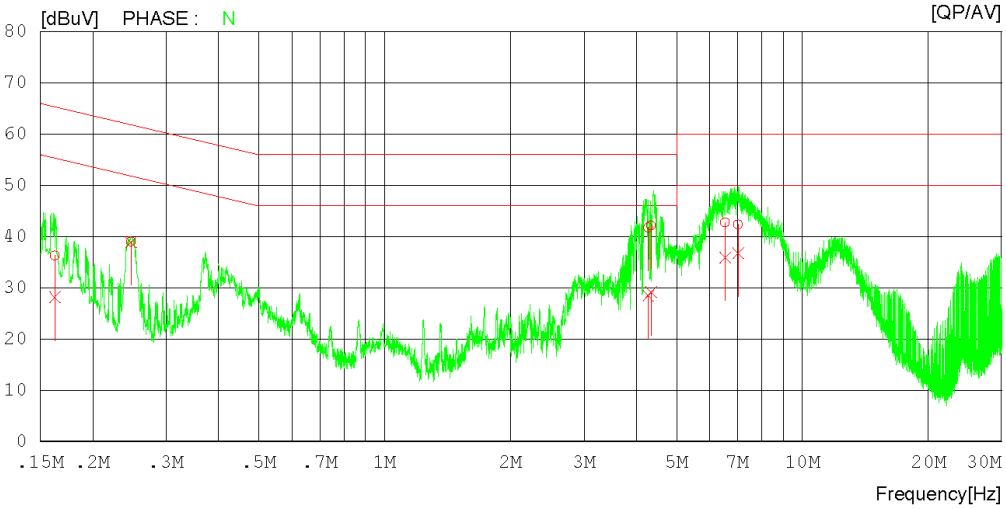
DT&C

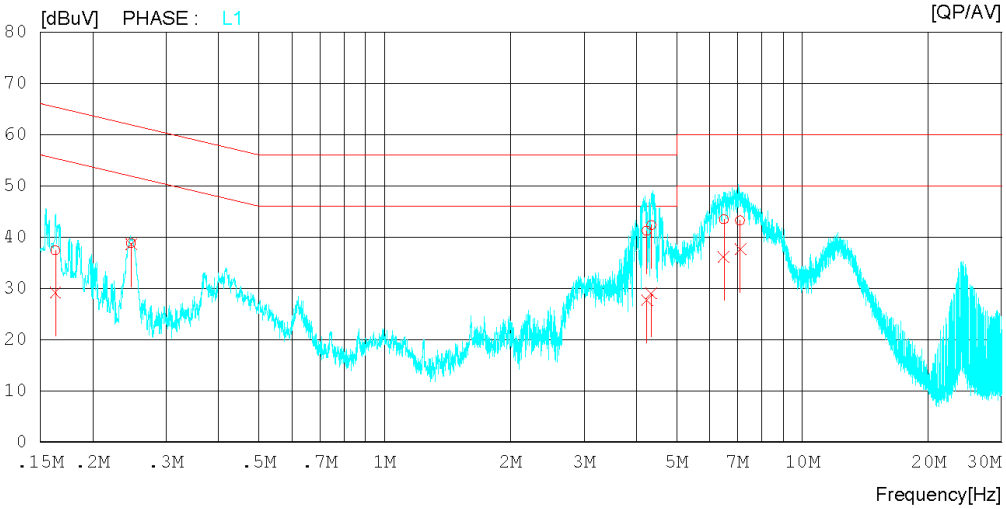
Date : 2015-12-03

Order No.	:	DTNC1510-05261	Referrence No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : CISPR22_B QP
CISPR22_B AV





Results of Conducted Emission

DT&C

Date : 2015-12-03

Order No.	:	DTNC1510-05261	Referrence No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.16242	34.5	26.5	1.7	36.2	28.2	65.3	55.3	29.1	27.1	N
2	0.24753	37.9	37.8	1.1	39.0	38.9	61.8	51.8	22.8	12.9	N
3	4.27660	41.5	28.2	0.2	41.7	28.4	56.0	46.0	14.3	17.6	N
4	4.33980	42.0	28.9	0.2	42.2	29.1	56.0	46.0	13.8	16.9	N
5	6.53460	42.4	35.6	0.3	42.7	35.9	60.0	50.0	17.3	14.1	N
6	7.01960	42.0	36.4	0.3	42.3	36.7	60.0	50.0	17.7	13.3	N
7	0.16294	35.7	27.4	1.7	37.4	29.1	65.3	55.3	27.9	26.2	L1
8	0.24758	37.6	37.5	1.1	38.7	38.6	61.8	51.8	23.1	13.2	L1
9	4.24460	40.9	27.3	0.3	41.2	27.6	56.0	46.0	14.8	18.4	L1
10	4.34500	42.0	28.7	0.3	42.3	29.0	56.0	46.0	13.7	17.0	L1
11	6.48260	43.0	35.7	0.4	43.4	36.1	60.0	50.0	16.6	13.9	L1
12	7.09760	42.7	37.2	0.4	43.1	37.6	60.0	50.0	16.9	12.4	L1

< Charging MODE >

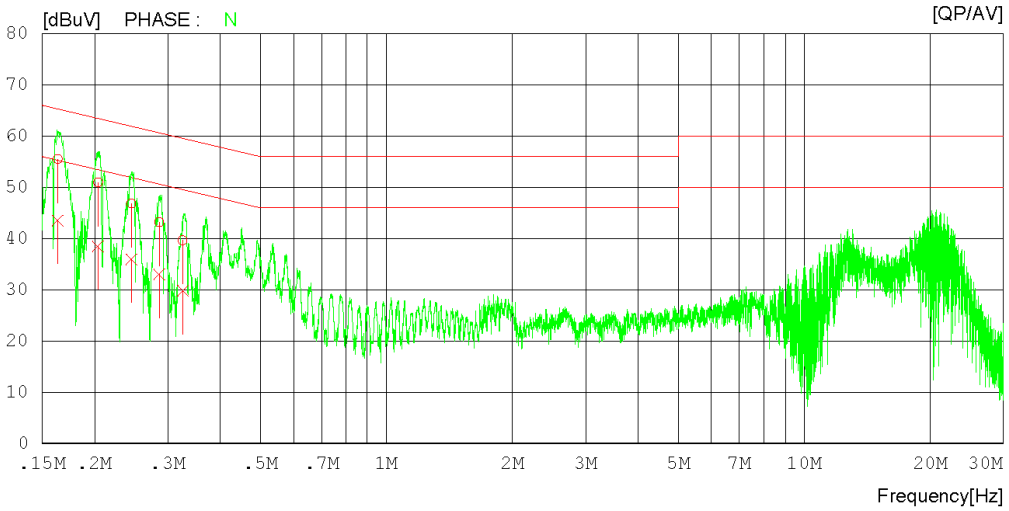
Results of Conducted Emission

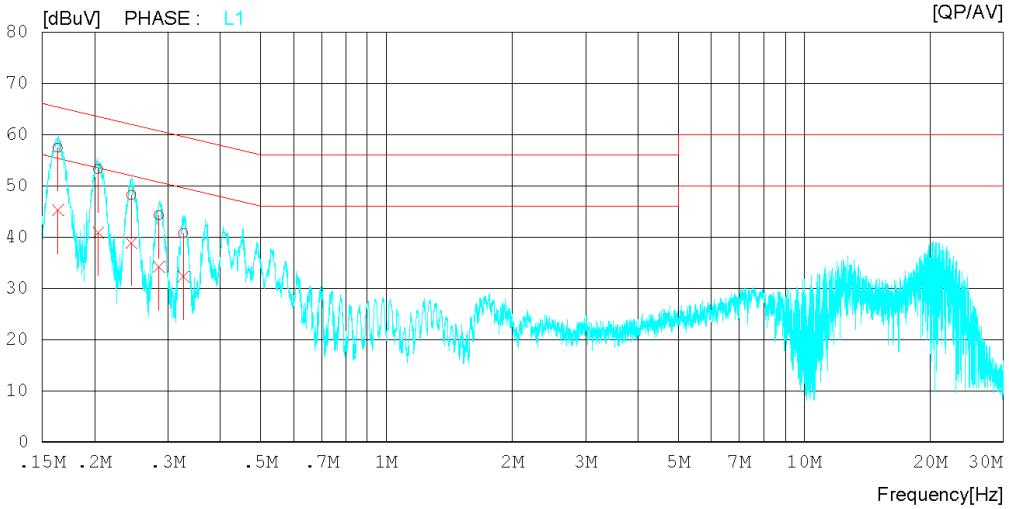
DT&C
Date : 2015-11-16

Order No.	:	DTNC1510-05261	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 41 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : CISPR22_B QP
CISPR22_B AV





Results of Conducted Emission

DT&C
Date : 2015-11-16

Order No.	:	DTNC1510-05261	Referrence No.	:	
Type	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi.	:	25 'C 41 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : CISPR22_B QP
CISPR22_B AV

NO	FREQ	READING QP	READING AV	C.FACTOR	RESULT QP	RESULT AV	LIMIT QP	LIMIT AV	MARGIN QP	MARGIN AV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.16318	53.8	41.8	1.7	55.5	43.5	65.3	55.3	9.8	11.8	N
2	0.20389	49.6	37.2	1.3	50.9	38.5	63.5	53.5	12.6	15.0	N
3	0.24489	45.6	34.9	1.1	46.7	36.0	61.9	51.9	15.2	15.9	N
4	0.28578	42.1	32.0	1.0	43.1	33.0	60.6	50.6	17.5	17.6	N
5	0.32550	38.7	28.8	0.9	39.6	29.7	59.6	49.6	20.0	19.9	N
6	0.16347	55.7	43.5	1.7	57.4	45.2	65.3	55.3	7.9	10.1	L1
7	0.20412	52.0	39.7	1.2	53.2	40.9	63.4	53.4	10.2	12.5	L1
8	0.24512	47.0	37.7	1.1	48.1	38.8	61.9	51.9	13.8	13.1	L1
9	0.28532	43.3	33.1	1.0	44.3	34.1	60.7	50.7	16.4	16.6	L1
10	0.32632	39.7	31.3	0.9	40.6	32.2	59.5	49.5	18.9	17.3	L1

6.2 Radiated Disturbance

6.2.1 Measurement Procedure

The radiated disturbance was measured and set-up was made accordance with **ANSI C63.4.**

If the EUT is tabletop equipment, it was placed on a wooden table with a height of 0.8 m above the reference ground plane and 3 m or 10 m away from the interference receiving antenna in the **10m semi-anechoic chamber.**

Also if the EUT is floor-standing equipment, it was placed on a non-conducted support with a height up to 0.15 m above the reference ground plane.

Rotate the EUT from (0 - 360)° and position the receiving antenna at heights from (1 - 4) m above the reference ground plane continuously to determine associated with higher emission levels and record them.

The measurement was made in both the vertical and horizontal polarization, and the maximum value is presented in the report.

For below 1 GHz frequency range, Quasi-Peak detector with
(RBW = 100 kHz, VBW = 300 kHz, SWEEP TIME = AUTO, TRACE = MAX HOLD, SWEEP POINT = 8001) was used.

For above 1 GHz frequency range, Peak detector with
(RBW = 1 MHz, VBW = 1 MHz, SWEEP TIME = AUTO, TRACE = MAX HOLD and SWEEP POINT = 8001) and
CISPR Average detector with
(RBW = 1 MHz, VBW = 10 Hz, SWEEP TIME = AUTO, TRACE = MAX HOLD and SWEEP POINT = 8001) were used.

For further description of the configuration refer to the picture of the test set-up.

6.2.2 Limit for Radiated Disturbance

- The test frequency range of Radiated Disturbance measurements are listed below.

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 108	1 000
108 – 500	2 000
500 – 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

(1) Limit for Radiated Emission below 1 000 MHz

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (3 m distance)
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 88	39.1	40
88 to 216	43.5	43.5
216 to 960	46.4	46
960 to 1 000	49.5	54

Note 1 The lower limit shall apply at the transition frequency.
Note 2 Additional provisions may be required for cases where interference occurs.
Note 3 According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.

Frequency range (MHz)	Class A Equipment (10 m distance)	Class B Equipment (10 m distance)
	Quasi-peak (dBμV/m)	Quasi-peak (dBμV/m)
30 to 230	40	30
230 to 1 000	47	37

(2) Limits for Radiated Emission above 1 000 MHz at a measuring distance of 3 m

Frequency (GHz)	Class A Equipment		Class B Equipment	
	Peak (dBμV/m)	Average (dBμV/m)	Peak (dBμV/m)	Average (dBμV/m)
1 to 40	80	60	74	54

Note)1. Emission Level = Reading Value + loss - gain + Ant Factor
2. Margin = Limit - Emission level
3. Loss = Cable loss, Gain = Amp gain, Ant Factor = Antenna Factor

< 30 MHz ~ 1 GHz _ PC Link MODE >

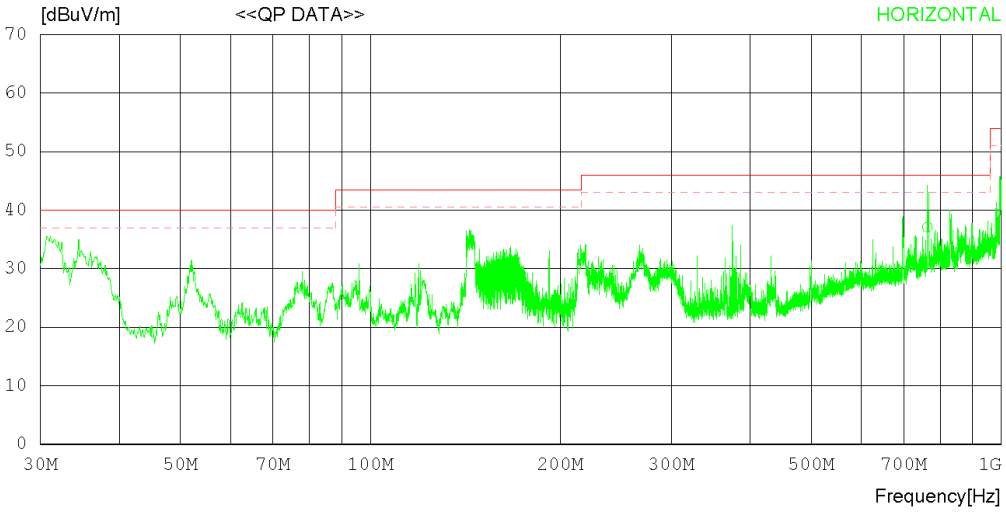
RADIATED EMISSION

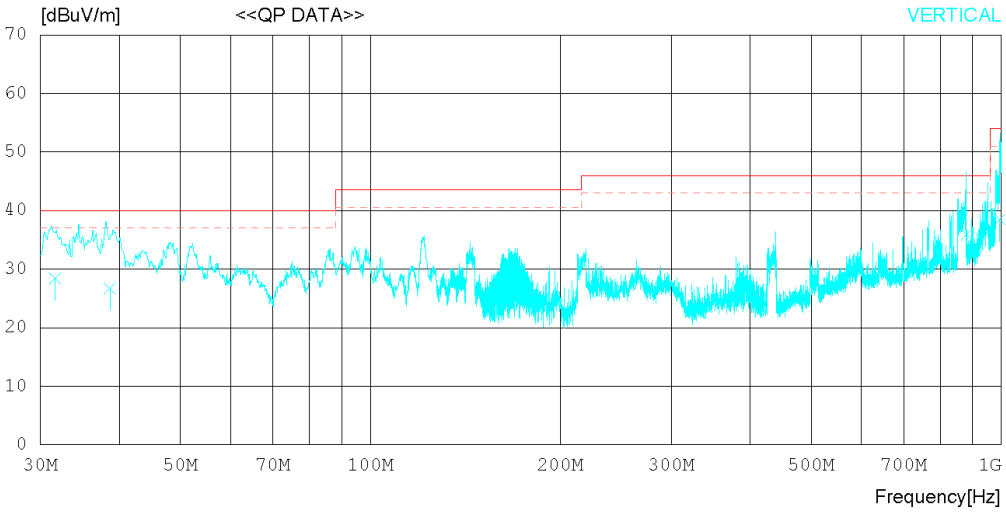
Date : 2015-12-03

Oder No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-12-03

Oder No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	763.240	30.2	19.7	9.6	22.4	37.1	46.0	8.9	344	124
----- Vertical ------										
2	31.667	31.5	17.8	1.7	22.6	28.4	40.0	11.6	224	175
3	38.640	33.1	14.2	2.0	22.6	26.7	40.0	13.3	134	208
4	880.906	27.1	20.4	10.2	21.8	35.9	46.0	10.1	142	161
5	994.529	27.9	21.2	10.9	21.5	38.5	54.0	15.5	226	208

< (1 ~ 6) GHz _ Peak _ PC Link MODE >

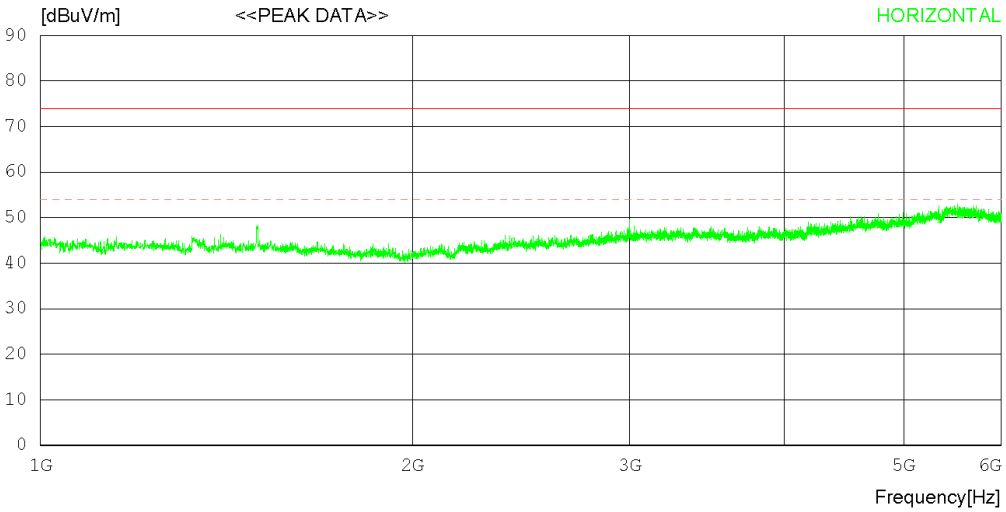
RADIATED EMISSION

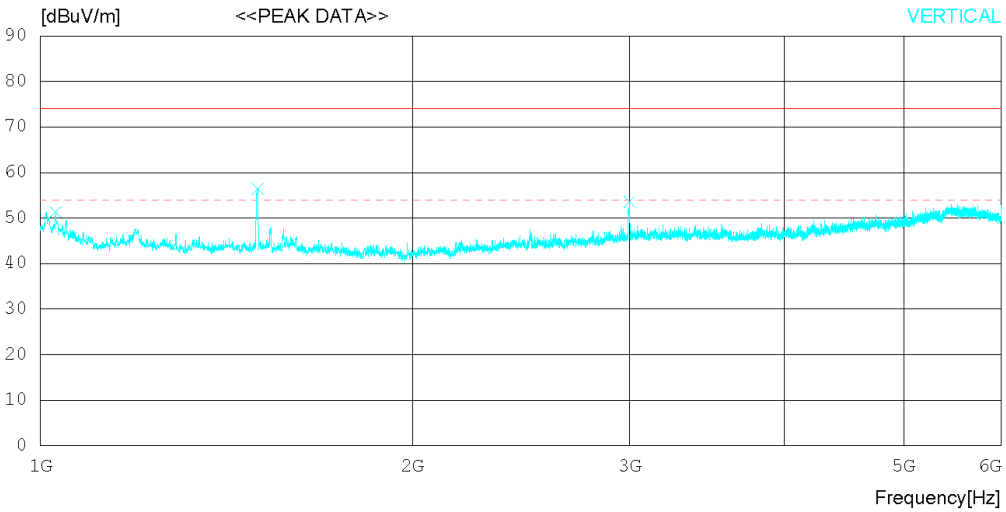
Date : 2015-12-03

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-03

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5576.250	43.7	34.6	10.5	37.7	51.1	74.0	22.9	100	137
----- Vertical ------										
2	1029.375	56.8	24.0	10.9	40.4	51.3	74.0	22.7	100	358
3	1499.375	61.2	25.4	9.5	39.7	56.4	74.0	17.6	100	352
4	3000.000	54.6	29.0	8.7	38.7	53.6	74.0	20.4	100	358

< (1 ~ 6) GHz _ Average _ PC Link MODE >

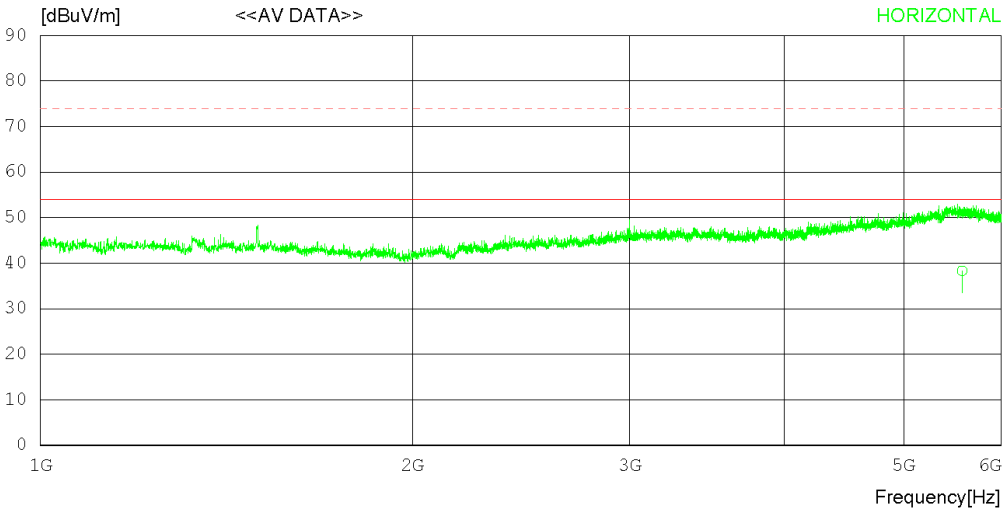
RADIATED EMISSION

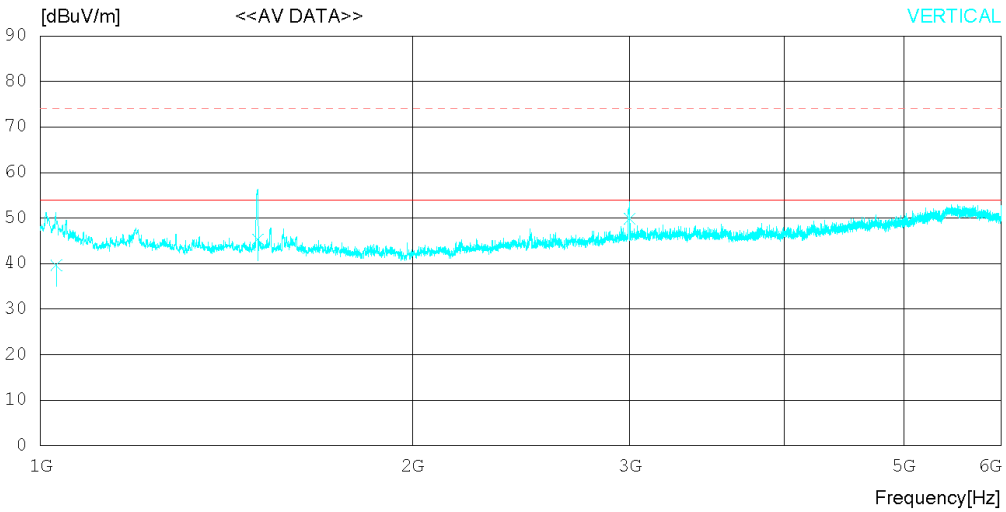
Date : 2015-12-03

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-03

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	22 'C 43 % R.H.
Test Condition	:		Operator	:	

Memo : PC LINK

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5576.998	30.9	34.6	10.5	37.7	38.3	54.0	15.7	100	231
----- Vertical ------										
2	1029.887	45.2	24.0	10.9	40.4	39.7	54.0	14.3	100	277
3	1499.298	50.1	25.4	9.5	39.7	45.3	54.0	8.7	100	112
4	3000.414	50.8	29.0	8.7	38.7	49.8	54.0	4.2	100	320

< 30 MHz ~ 1 GHz _ Charging MODE >

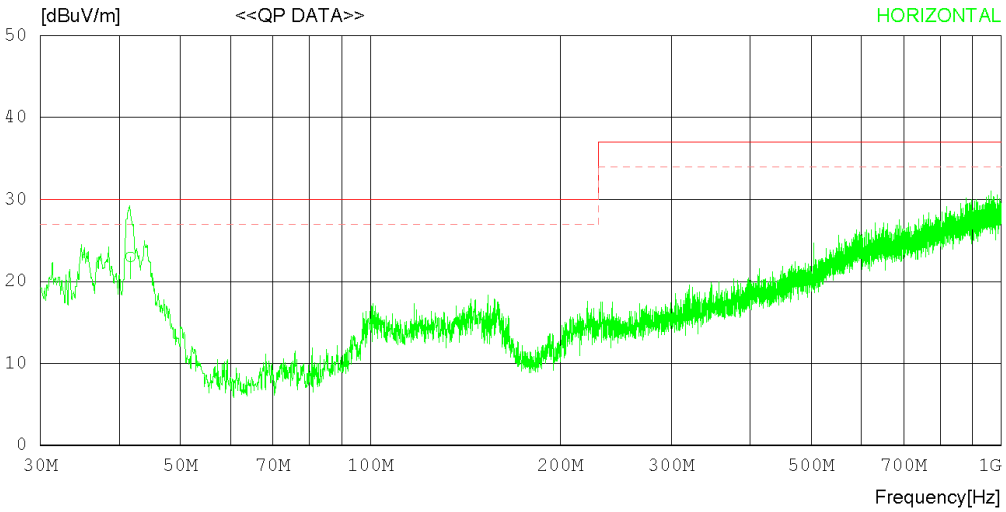
RADIATED EMISSION

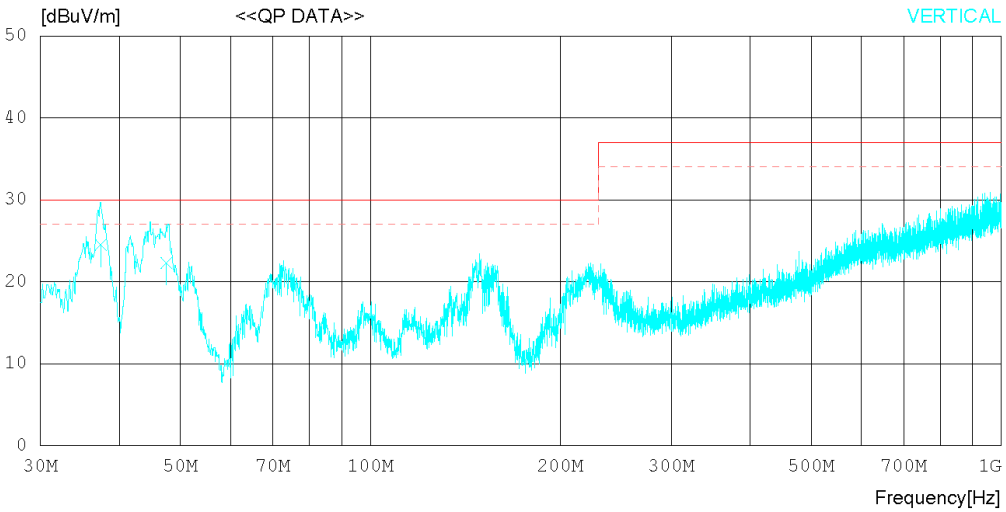
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	41.670	31.3	12.7	1.6	22.6	23.0	30.0	7.0	382	208
----- Vertical ------										
2	37.416	31.0	14.8	1.3	22.6	24.5	30.0	5.5	227	172
3	47.495	33.5	9.8	1.6	22.6	22.3	30.0	7.7	108	124

< (1 ~ 6) GHz _ Peak _ Charging MODE >

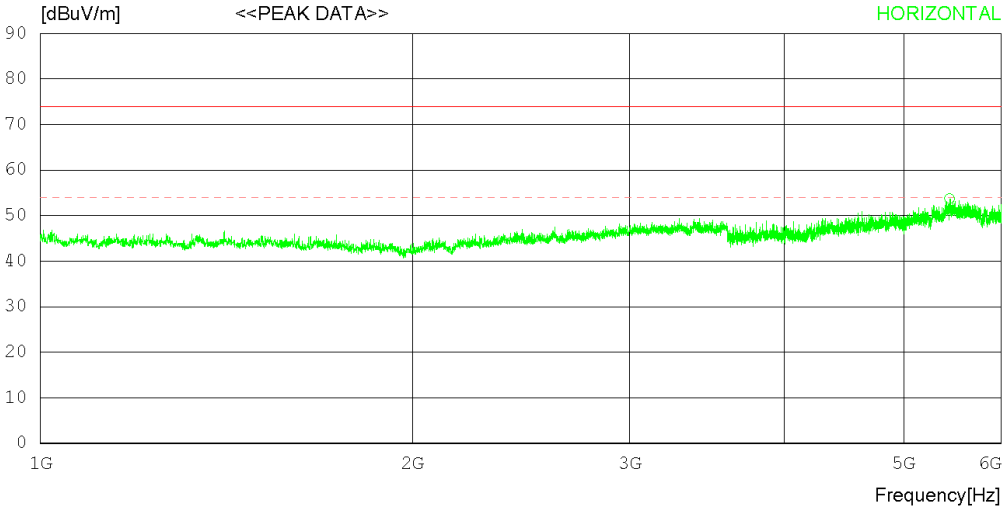
RADIATED EMISSION

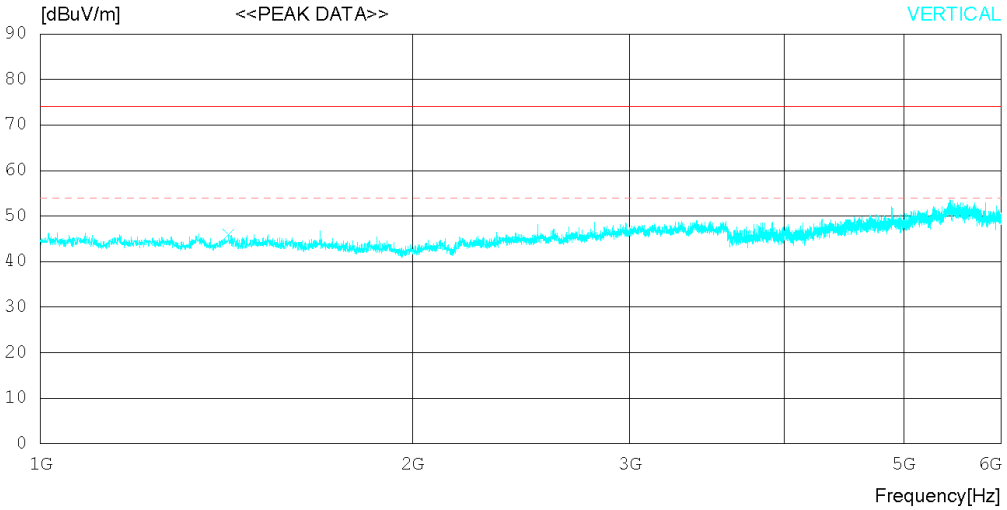
Date : 2015-12-01

Order No.	: DTNC1510-05261		Reference No.	:	
Model No.	:		Power Supply	: 120 V	60 Hz
Serial No.	:		Temp/Humi	: 21 'C	40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5445.625	46.2	34.7	10.5	37.7	53.7	74.0	20.3	100	358
----- Vertical ------										
2	1420.000	50.9	25.1	9.7	39.8	45.9	74.0	28.1	100	346

< (1 ~ 6) GHz _ Average _ Charging MODE >

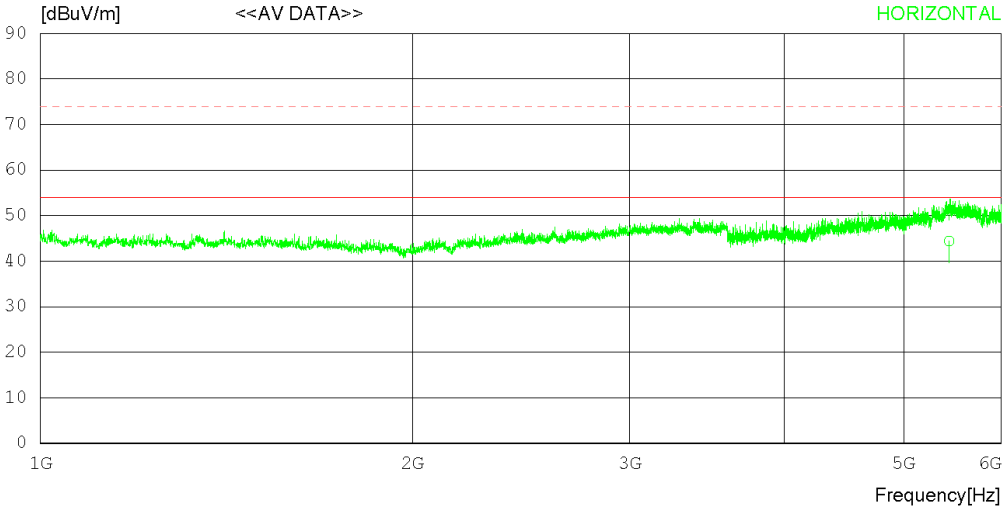
RADIATED EMISSION

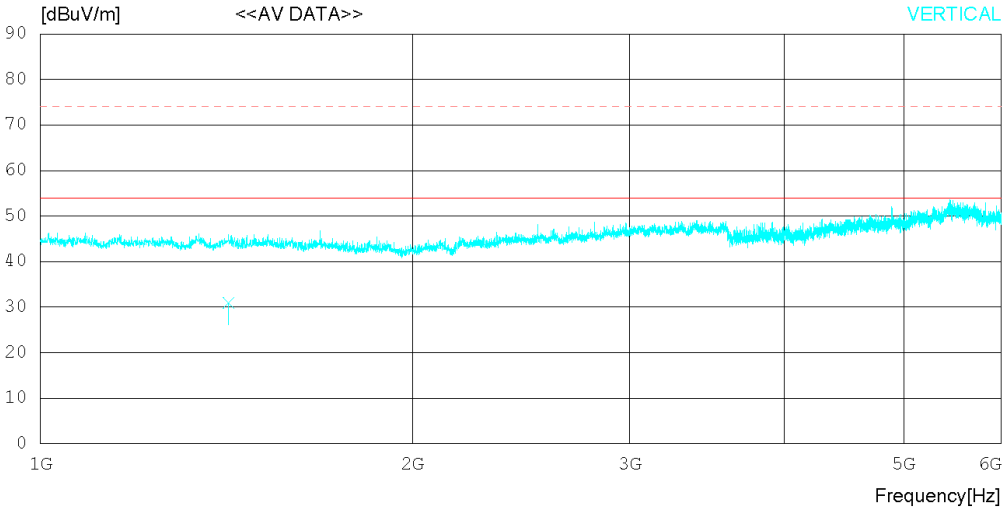
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Charging

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5445.332	36.9	34.7	10.5	37.7	44.4	54.0	9.6	100	186
----- Vertical ------										
2	1419.988	35.9	25.1	9.7	39.8	30.9	54.0	23.1	100	164

< 30 MHz ~ 1 GHz _ Barcode MODE >

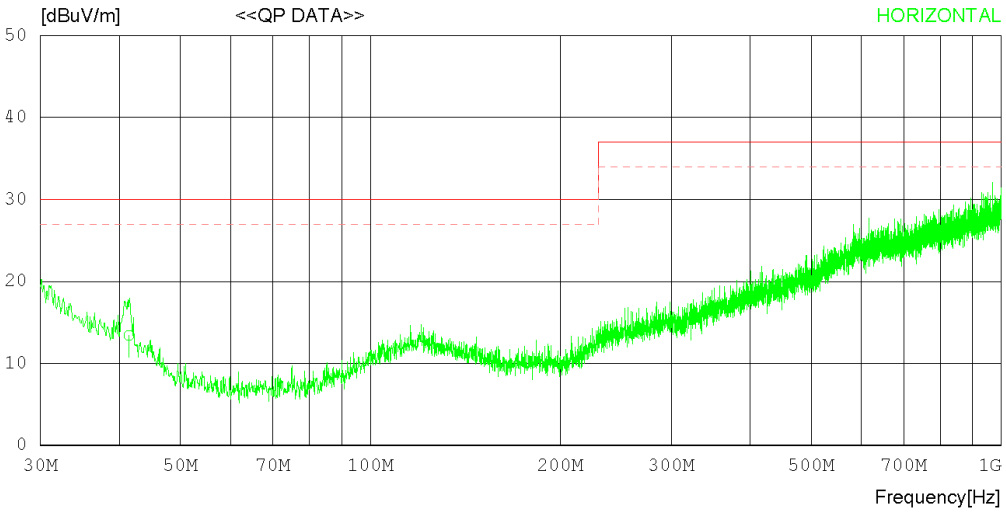
RADIATED EMISSION

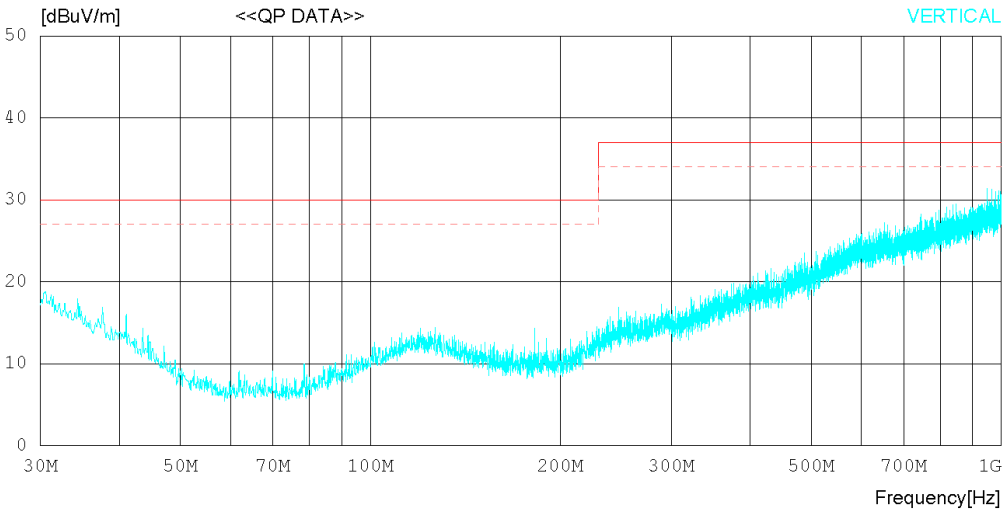
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	41.449	21.6	12.8	1.6	22.6	13.4	30.0	16.6	332	274

< (1 ~ 6) GHz _ Peak _ Barcode MODE >

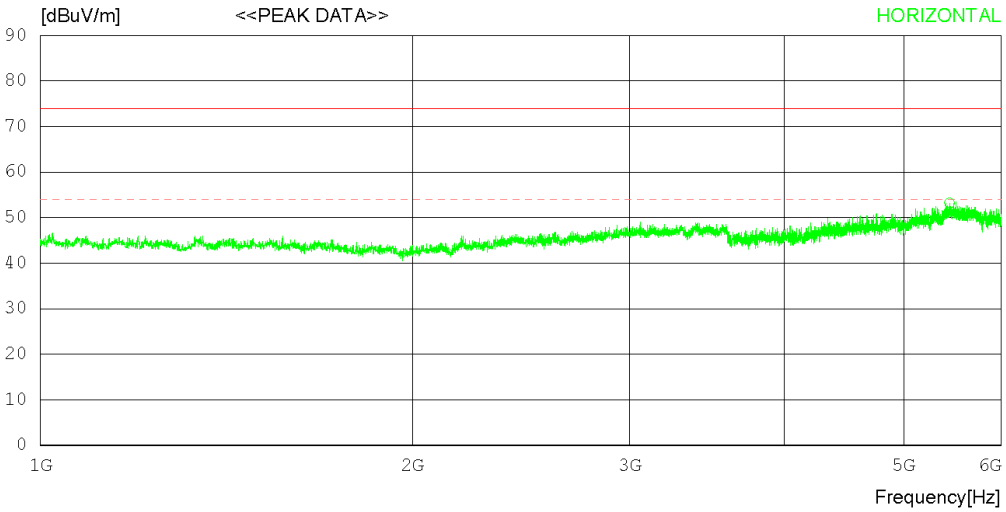
RADIATED EMISSION

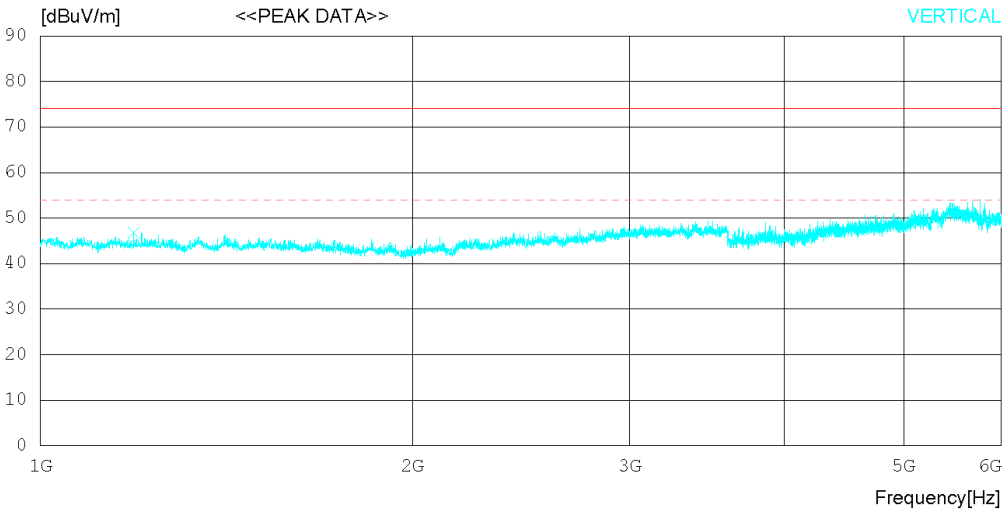
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5448.125	45.7	34.7	10.5	37.7	53.2	74.0	20.8	100	70
----- Vertical ------										
2	1190.000	52.1	24.5	10.4	40.2	46.8	74.0	27.2	100	340

< (1 ~ 6) GHz _ Average _ Barcode MODE >

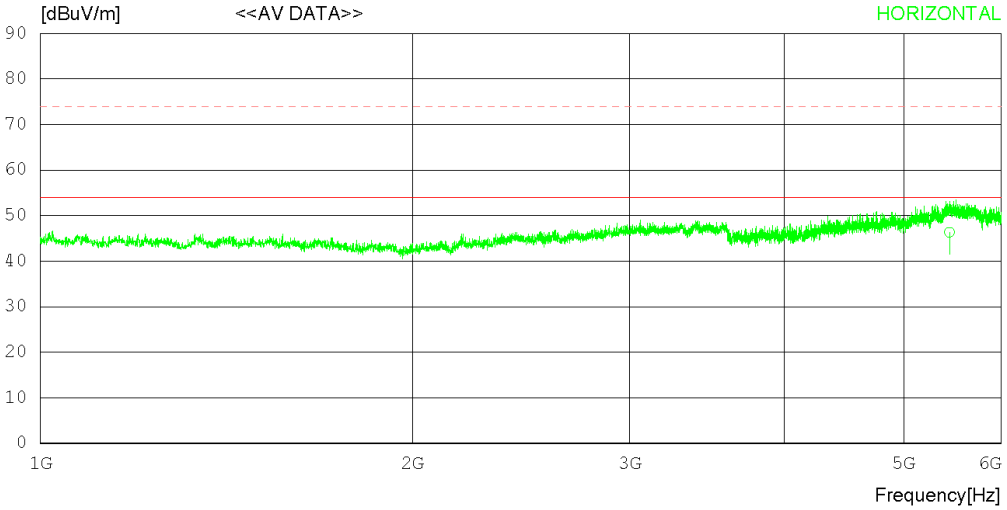
RADIATED EMISSION

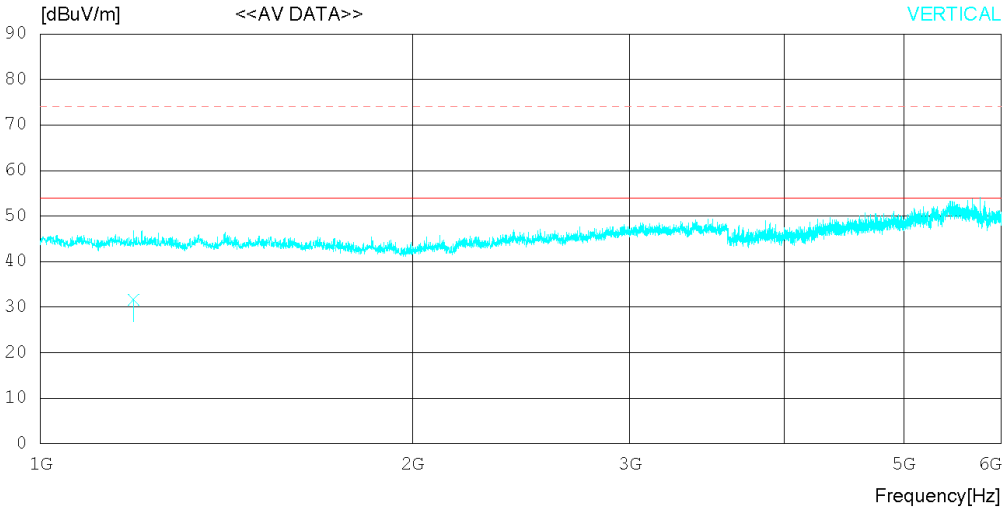
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : Barcode

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5448.234	38.8	34.7	10.5	37.7	46.3	54.0	7.7	100	107
----- Vertical ------										
2	1189.663	36.9	24.5	10.4	40.2	31.6	54.0	22.4	100	226

< 30 MHz ~ 1 GHz _ FRONT CAM MODE >

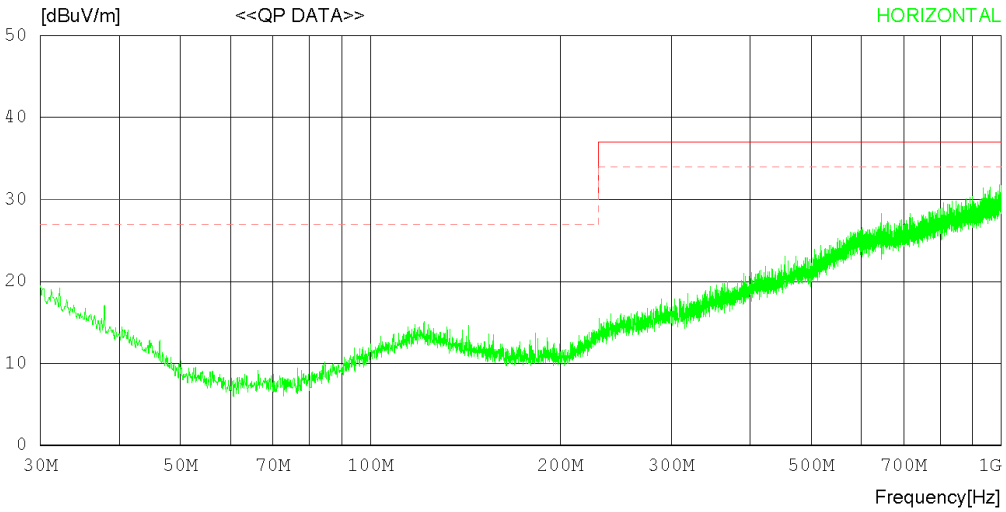
RADIATED EMISSION

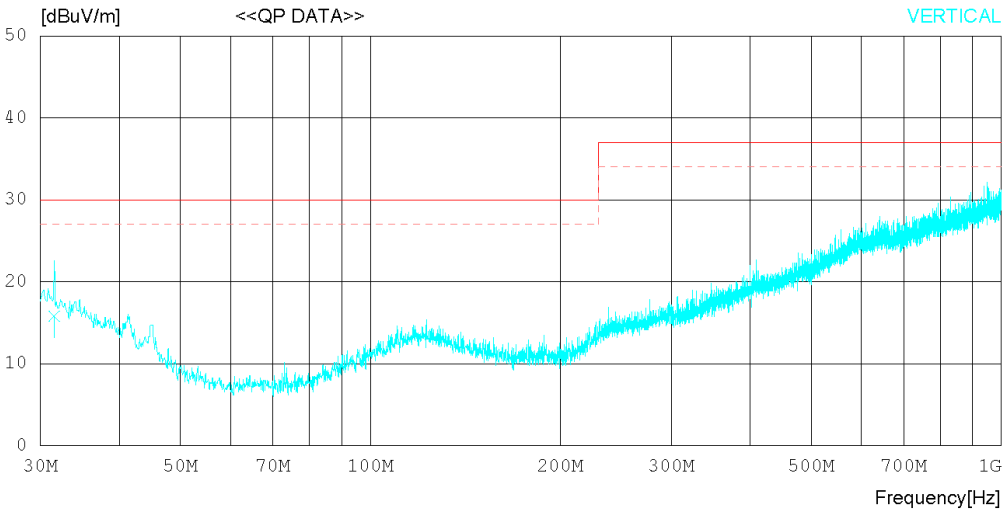
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	645.360	22.6	19.0	6.6	22.9	25.3	37.0	11.7	167	124
----- Vertical ------										
2	31.576	19.3	17.8	1.3	22.6	15.8	30.0	14.2	372	220

< (1 ~ 6) GHz _ Peak _ FRONT CAM MODE >

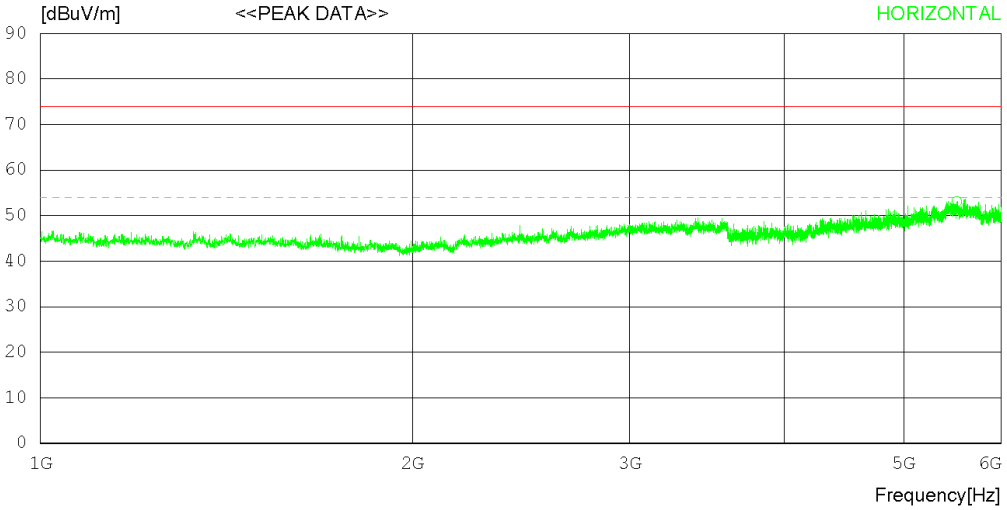
RADIATED EMISSION

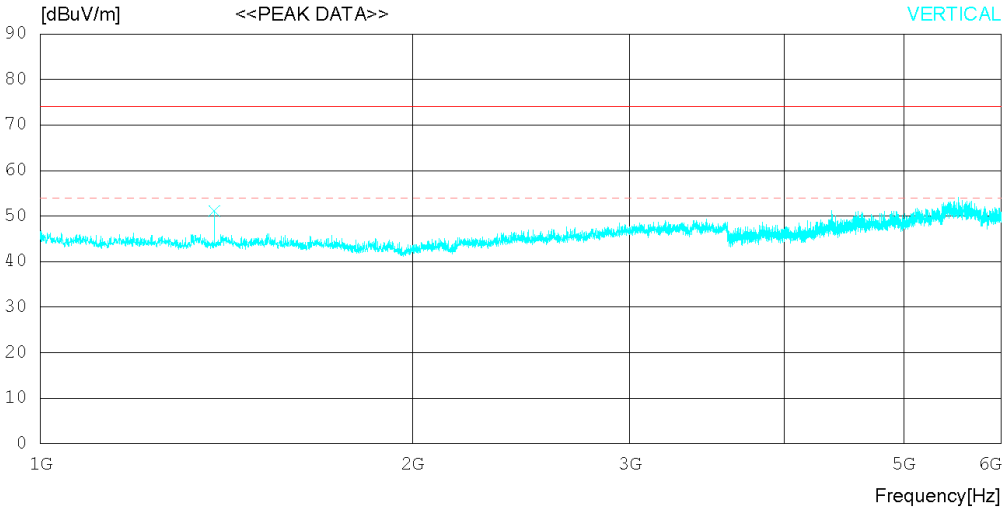
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5521.250	45.3	34.9	10.5	37.7	53.0	74.0	21	100	358
----- Vertical ------										
2	1383.125	56.1	25.0	9.9	39.9	51.1	74.0	22.9	100	1

< (1 ~ 6) GHz _ Average _ FRONT CAM MODE >

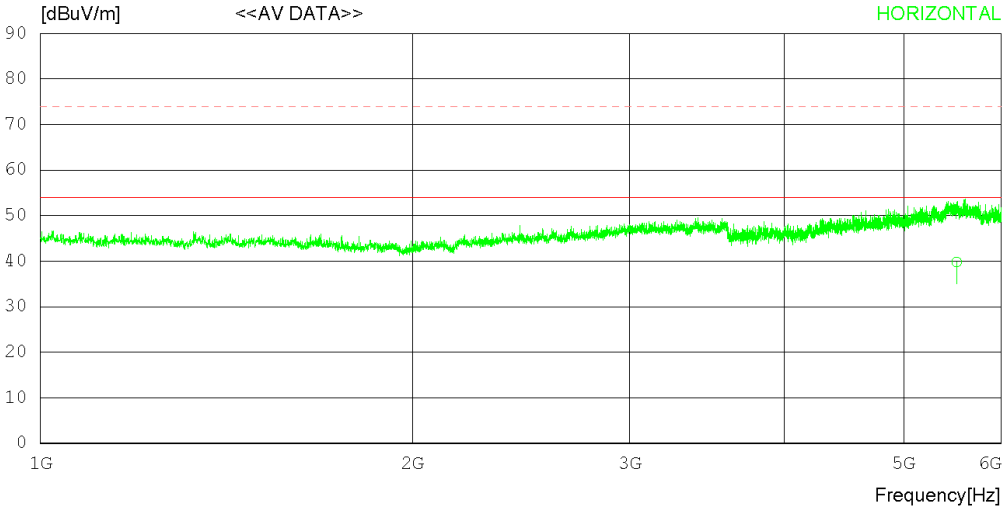
RADIATED EMISSION

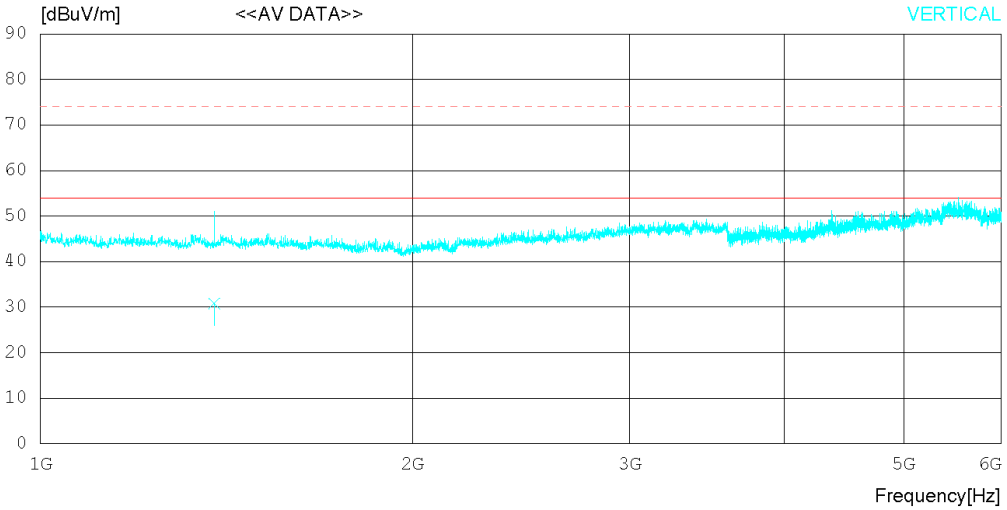
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : FRONT CAM

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5521.176	32.1	34.9	10.5	37.7	39.8	54.0	14.2	100	223
----- Vertical ------										
2	1383.155	35.8	25.0	9.9	39.9	30.8	54.0	23.2	100	162

< 30 MHz ~ 1 GHz _ MP3 MODE >

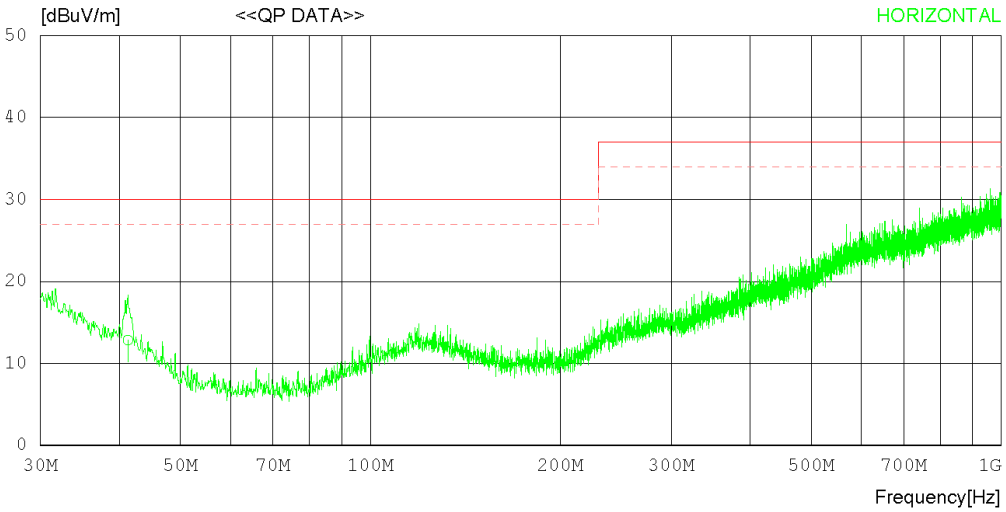
RADIATED EMISSION

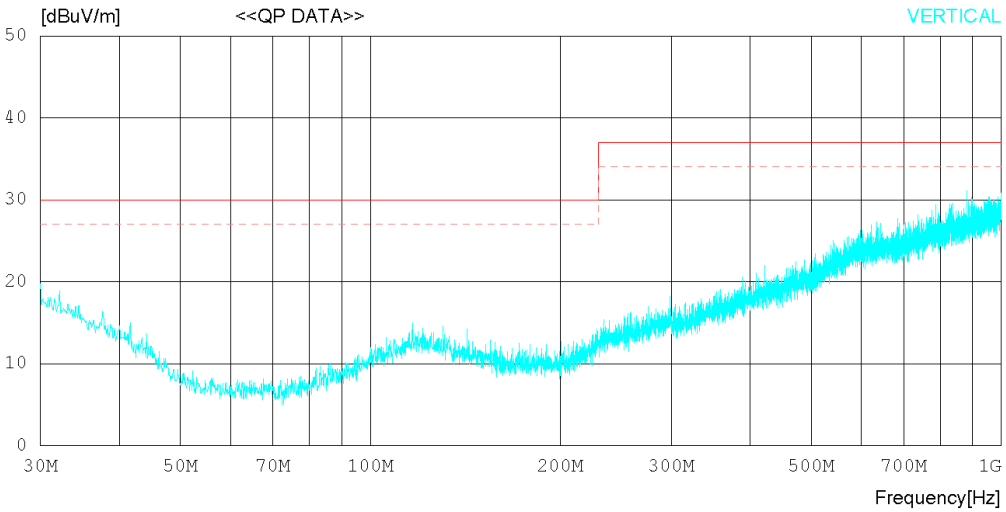
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	41.276	20.9	12.9	1.6	22.6	12.8	30.0	17.2	377	124

< (1 ~ 6) GHz _ Peak _ MP3 MODE >

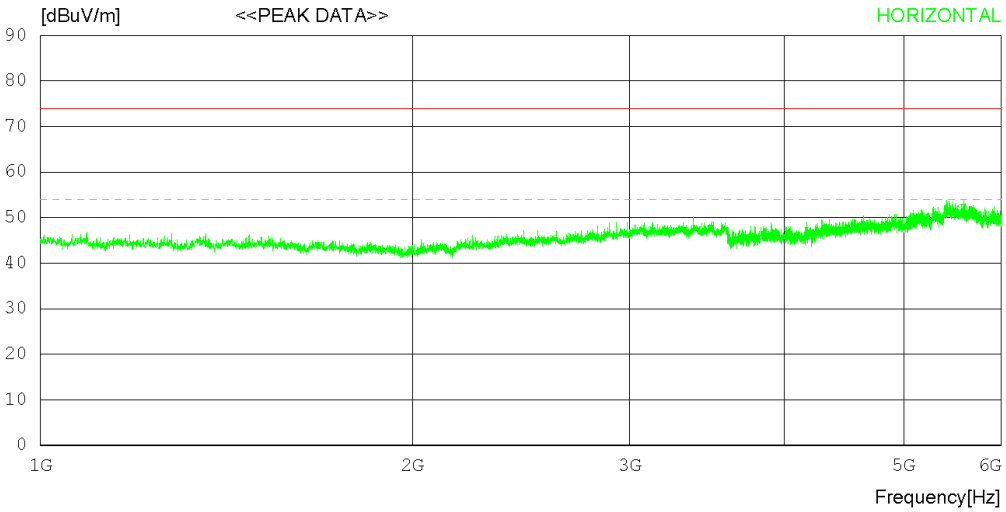
RADIATED EMISSION

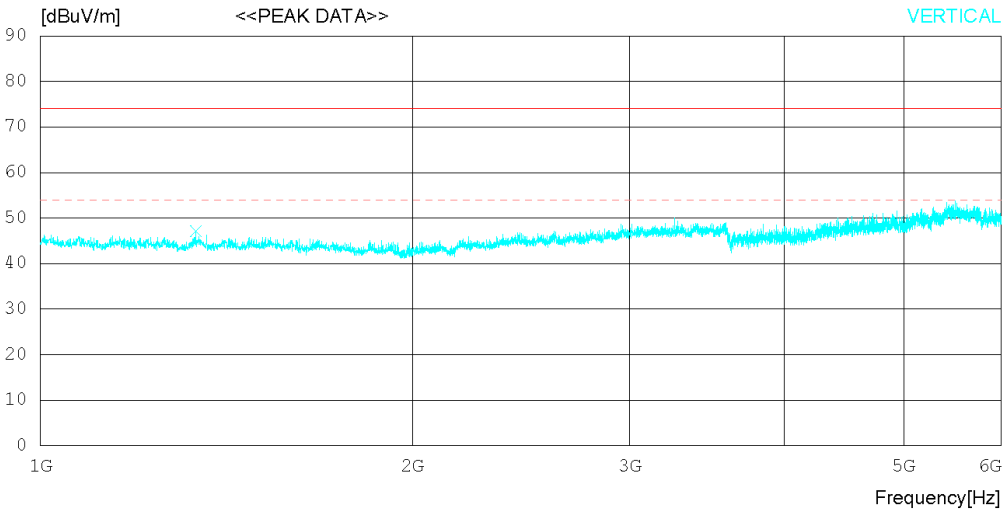
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5579.375	44.5	34.6	10.5	37.7	51.9	74.0	22.1	100	358
----- Vertical ------										
2	1336.250	52.2	24.9	9.9	39.9	47.1	74.0	26.9	100	28

< (1 ~ 6) GHz _ Average _ MP3 MODE >

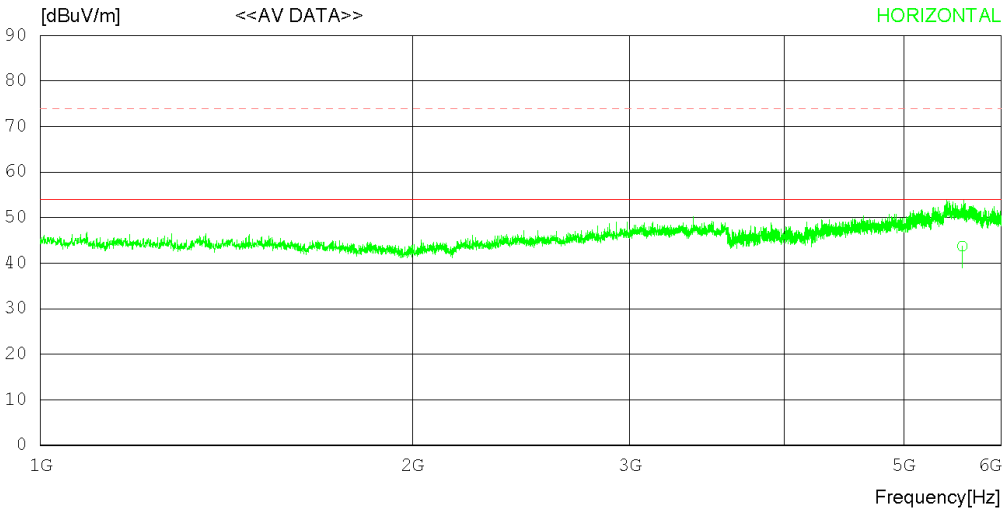
RADIATED EMISSION

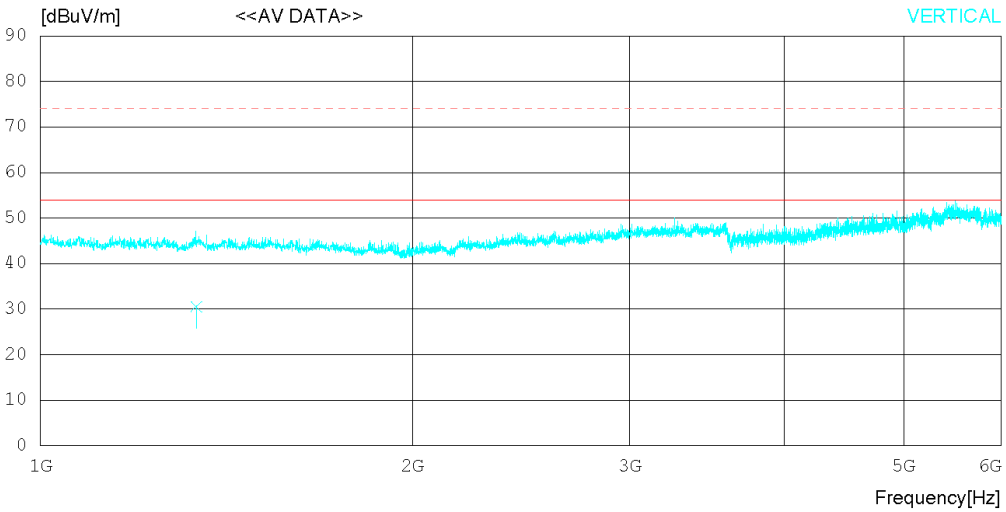
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP3

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5580.124	36.3	34.6	10.5	37.7	43.7	54.0	10.3	100	200
----- Vertical ------										
2	1336.852	35.6	24.9	9.9	39.9	30.5	54.0	23.5	100	186

< 30 MHz ~ 1 GHz _ MP4 MODE >

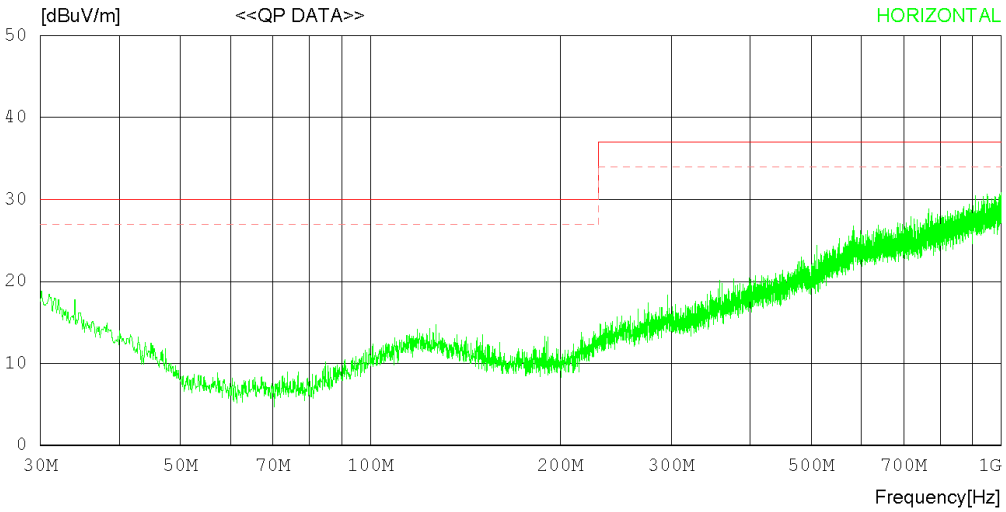
RADIATED EMISSION

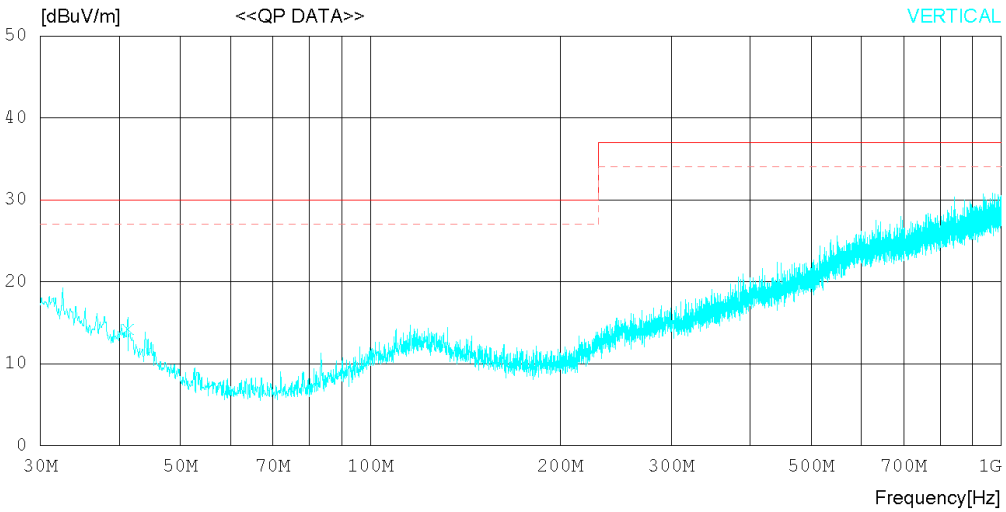
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Vertical ------										
1	41.276	22.3	12.9	1.6	22.6	14.2	30.0	15.8	273	124

< (1 ~ 6) GHz _ Peak _ MP4 MODE >

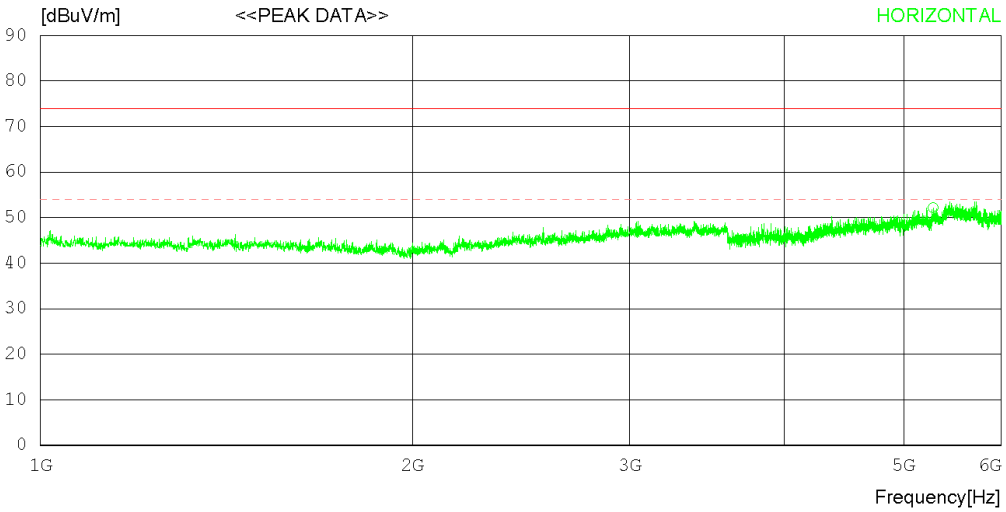
RADIATED EMISSION

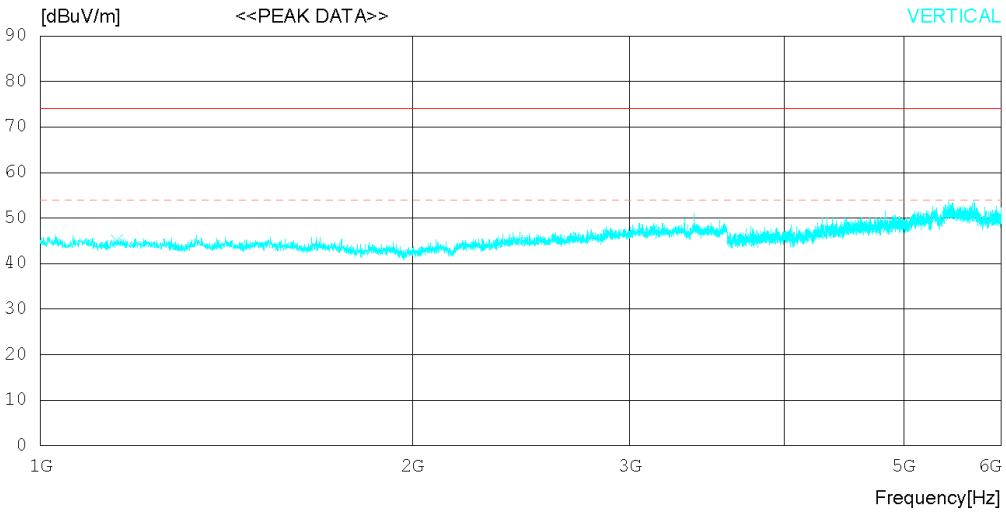
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5282.500	45.8	33.8	10.4	37.8	52.2	74.0	21.8	100	359
----- Vertical ------										
2	1153.750	50.4	24.4	10.5	40.2	45.1	74.0	28.9	100	233

< (1 ~ 6) GHz _ Average _ MP4 MODE >

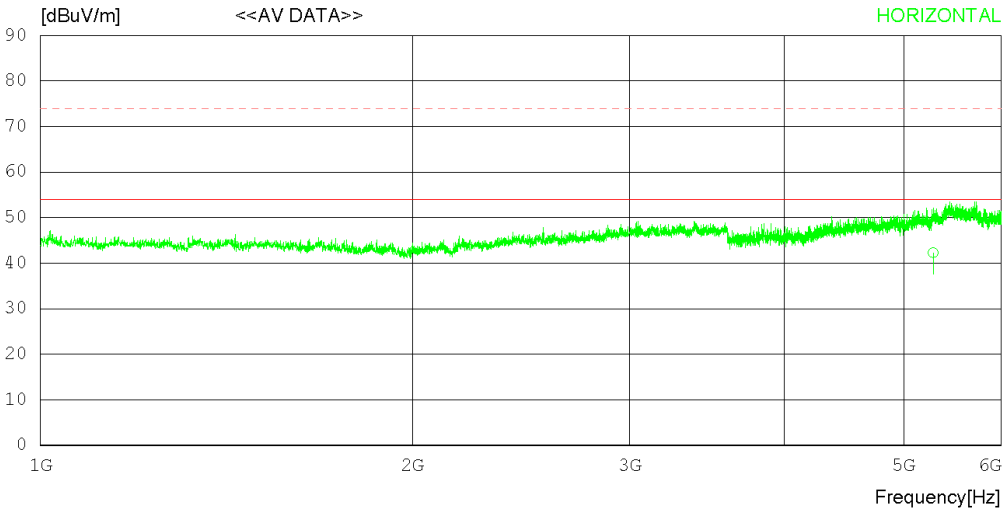
RADIATED EMISSION

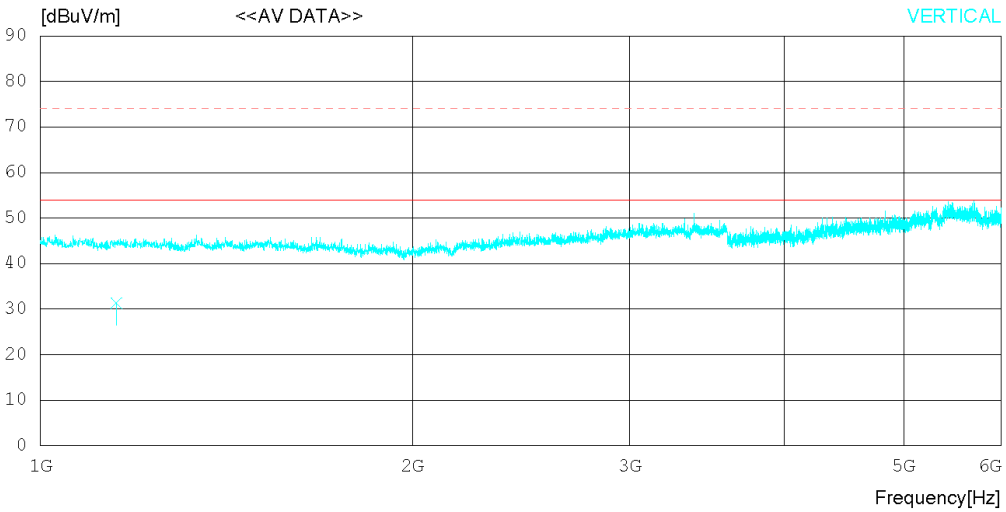
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : MP4

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	5283.122	35.9	33.8	10.4	37.8	42.3	54.0	11.7	100	116
----- Vertical ------										
2	1152.339	36.6	24.4	10.5	40.2	31.3	54.0	22.7	100	217

< 30 MHz ~ 1 GHz _ REAR CAM MODE >

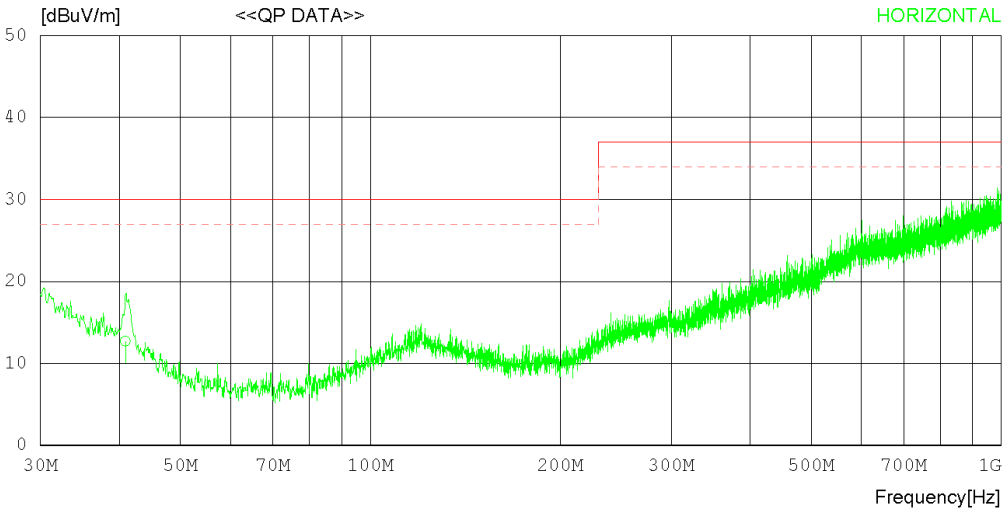
RADIATED EMISSION

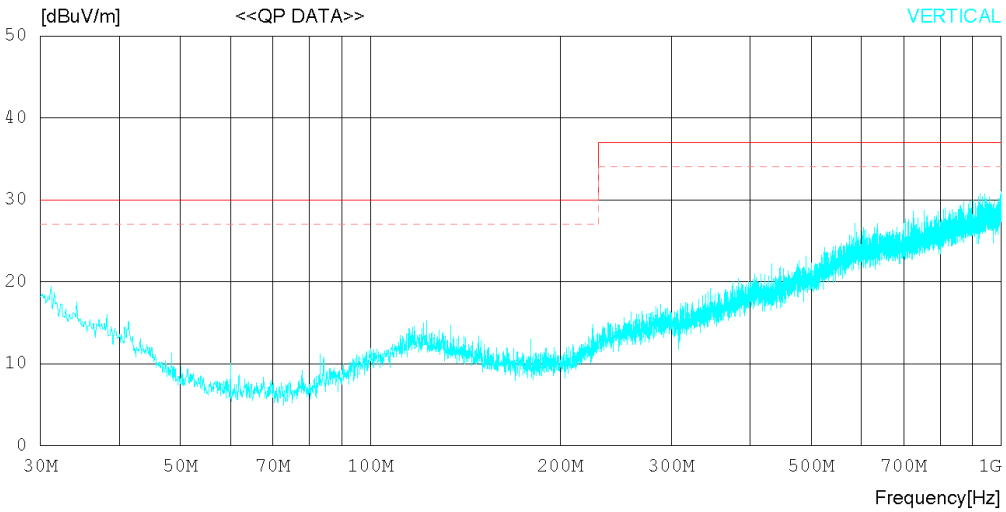
Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB





RADIATED EMISSION

Date : 2015-11-25

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : CISPR Pub.22 Class B (10m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	40.913	20.6	13.1	1.6	22.6	12.7	30.0	17.3	372	132

< (1 ~ 6) GHz _ Peak _ REAR CAM MODE >

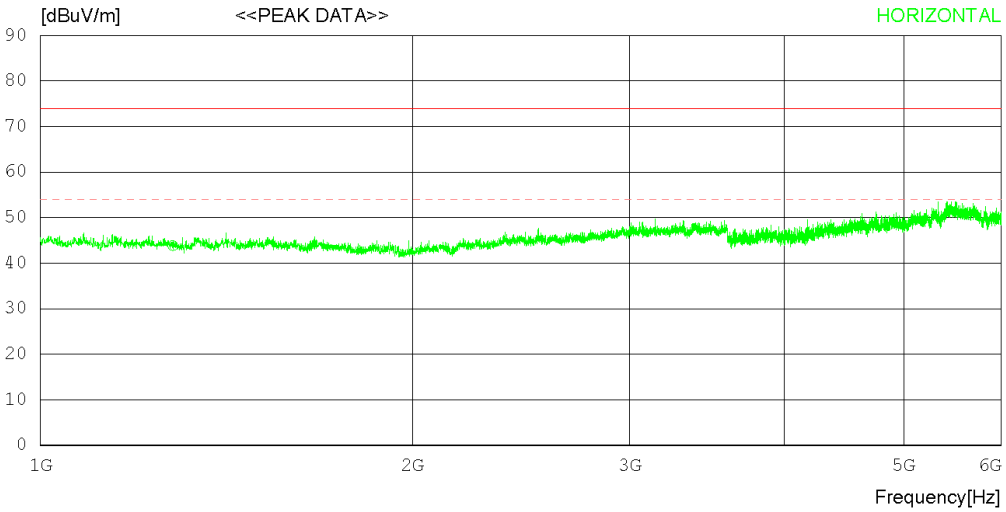
RADIATED EMISSION

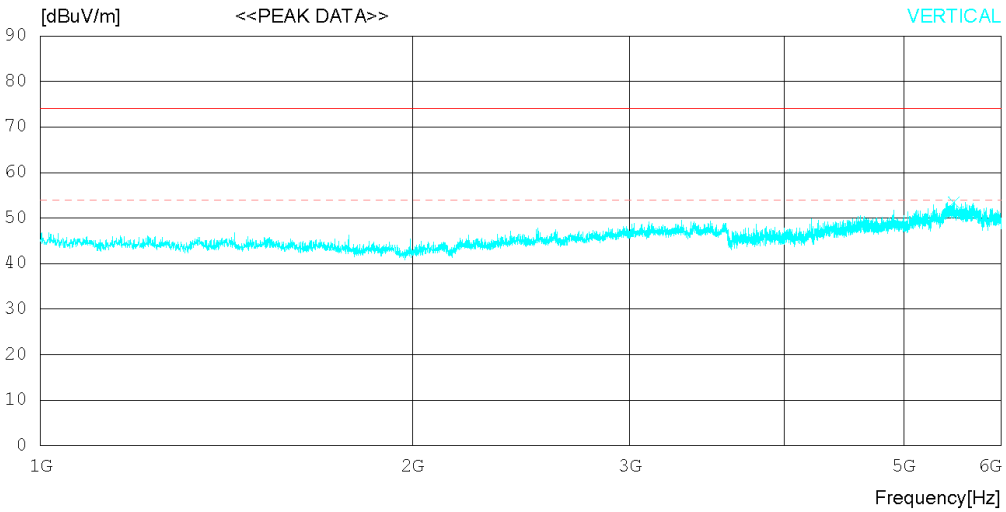
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : 1_FCC_1-18G_PK
1_FCC_1-18G_AV

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1280.000	48.9	24.7	10.2	40.0	43.8	74.0	30.2	100	359
----- Vertical ------										
2	5490.625	45.7	34.9	10.5	37.7	53.4	74.0	20.6	100	1

< (1 ~ 6) GHz _ Average _ REAR CAM MODE >

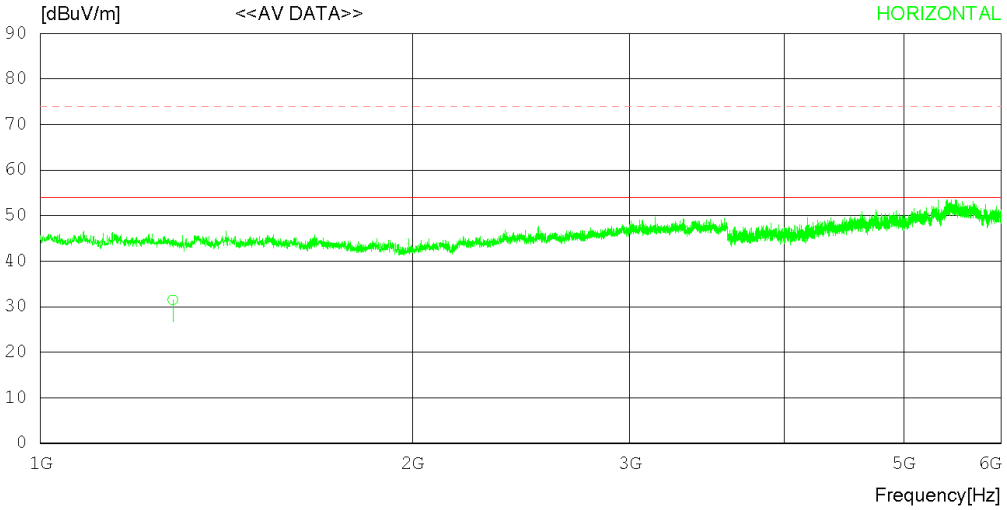
RADIATED EMISSION

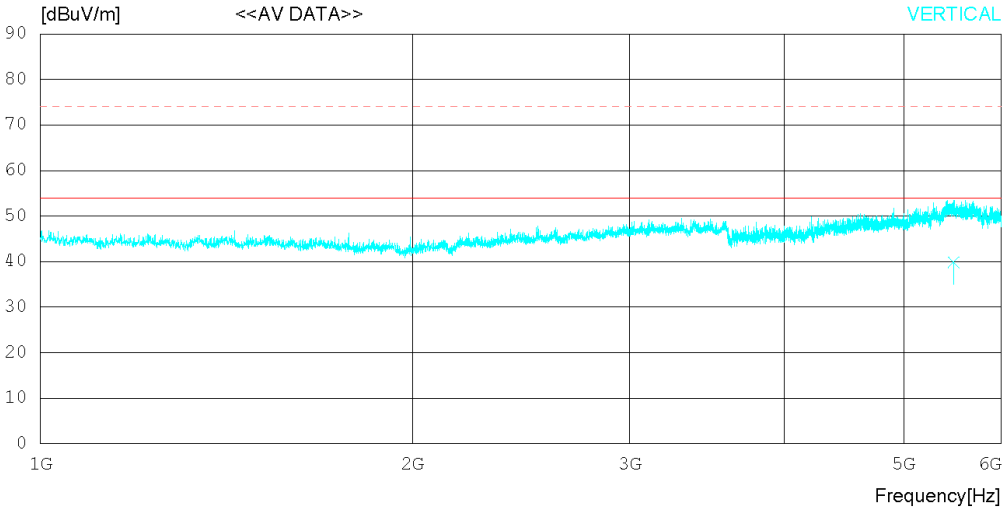
Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK





RADIATED EMISSION

Date : 2015-12-01

Order No.	:	DTNC1510-05261	Reference No.	:	
Model No.	:		Power Supply	:	120 V 60 Hz
Serial No.	:		Temp/Humi	:	21 'C 40 % R.H.
Test Condition	:		Operator	:	

Memo : REAR CAM

LIMIT : 1_FCC_1-18G_AV
1_FCC_1-18G_PK

No.	FREQ [MHz]	READING AV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1279.911	36.6	24.7	10.2	40.0	31.5	54.0	22.5	100	208
----- Vertical ------										
2	5490.153	32.1	34.9	10.5	37.7	39.8	54.0	14.2	100	135

Appendix 1

List of Test and Measurement Instruments

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment is identified by the Test Laboratory.

1. Conducted Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☒	MEASUREMENT SOFTWARE	EMI-C VER. 2.00.0143	TSJ	N/A	N/A	N/A
☐	SPECTRUM ANALYZER	8591E	H/P	3649A05889	N/A	N/A
☒	ARTIFICIAL MAINS NETWORK	PMM L2-16B	NARDA S.T.S. / PMM	000WX20305	2015.06.26	2016.06.26
☐	LISN	KNW-407	KYORITSU	8-317-8	2015.01.07	2016.01.07
☐	50 OHM TERMINATOR	CT-01	TME	N/A	2015.01.06	2016.01.06
☒	EMI TEST RECEIVER	ESCI	ROHDE & SCHWARZ	100364	2015.02.25	2016.02.25
☐	LISN	ESH2-Z5	ROHDE & SCHWARZ	828739/006	2015.09.10	2016.09.10
☐	LISN	LISN1600	TTI	197204	2015.06.26	2016.06.26
☒	50 OHM TERMINATOR	CT-01	TME	N/A	2015.01.06	2016.01.06
☒	HIGH PASS FILTER	KFL-007D	KYORITSU	8-2259-4	N/A	N/A

2. Radiated Disturbance

Name of Instrument		Model No.	Manufacturer	Serial No.	Cal. Date	Next Cal. Date
☒	MEASUREMENT SOFTWARE	EMI-R VER. 2.00.0121	TSJ	N/A	N/A	N/A
☒	EMI TEST RECEIVER	ESU	ROHDE & SCHWARZ	100538	2015.02.06	2016.02.06
☒	BILOG ANTENNA	CBL6112B	SCHWARZBECK	2737	2014.12.10	2016.12.10
☒	HORN ANTENNA	BBHA9120A	SCHWARZBECK	322	2014.05.12	2016.05.12
☒	PREAMPLIFIER	8449B	AGILENT	3008A01590	2015.02.25	2016.02.25
☒	AMPLIFIER	8447E	H/P	2945A02865	2015.01.06	2016.01.06
☐	HORN ANTENNA	SAS-574	A.H. SYSTEMS, INC.	155	2015.09.03	2017.09.03

Appendix 2

Report Revision History

Revision Date	Description	Revised By	Revision Reviewed By
None	Original	N/A	N/A