TEST REPORT

Dt&C

DT&C Co., Ltd.
42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042
Tel : 031-321-2664, Fax : 031-321-1664

1. Report No. : DREFCC2001-0040(2)

2. Client / Applicant

   • Name : LG Electronics USA, Inc.

   • Address : 1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States 07632

3. Use of Report : Grant of Certification

4. Product Name / Model Name / FCC ID : Mobile Phone / LM-V600TM / ZNFV600TM

5. Test Standard : ANSI C 63.4 : 2014
   FCC Part 15 Subpart B
   (Class B personal computers and peripherals)

6. Date of Test : Jan. 03. 2020 ~ Jan. 20. 2020

7. Testing Environment : Temperature (21 ~ 26) °C , Humidity (40 ~ 50) % R.H.

8. Test Result : Refer to the attached Test Result

Affirmation	Tested by Name : JunSeo Park (Signature)	Reviewed by Name : DaeHwa Eun (Signature)

Mar. 04. 2020

DT&C Co., Ltd.

'This test report is not related to KS Q ISO/IEC 17025 and KOLAS accreditation.'

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

CONTENTS

1. General Remarks

This report contains the result of tests performed by :

DT&C Co., Ltd.
42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042
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	Remark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
	South Africa	SABS	0006	ISO/IEC 17025
	Ghana	NCA	NCA agreement 23rd,Oct,2018	-
Site Filing	USA	FCC	KR0034 101842 678747, 596748, 804488, 165783	Accredited 2.948 Listed
	Canada	IC	5740A-3 5740A-4	Registered
	Japan	VCCI	C-1427 R-3385, R-4076, R-4180, R-4496, T-1442, G-10338, G-754, G-10815, G-20051	Registered
Certification	Korea	KC	KR0034	Designation
	Germany	TUV	CARAT 089112 0006 Rev.00	ISO/IEC 17025
	Russia	RMRS	17.10189.296	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

Applicant	LG Electronics USA, Inc. 1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States 07632
Manufacturer	LG Electronics USA, Inc. 1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States 07632
Factory	LG Electronics USA, Inc. 1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States 07632
Product Name	Mobile Phone
Model Name	LM-V600TM
Add Model Name	LMV600TM, V600TM
FCC ID	ZNFV600TM
Rated Power	DC 3.85 V
Remarks	None

* Accessory

Equipment	No.	Manufacturer	Model Name	Product Number
Ear-Mic	1	CRESYN	N/A	EAB63728244
	2	BUJEON	N/A	EAB63728245
Data Cable	1	LUXSHARE	L1LUC014-CS-H	EAD65830101
Wireless Charging	1	Belkin	N/A	boostup-bold-wireless-charging-pad
Dual Screen	1	LG Electronics	LM-V605N	N/A

Related Submittal(s) / Grant(s)
Original submittal only

4. EUT Operations and Test Configurations

4.1 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.
For each testing mode different configurations were used,
Refer to the individual tests.

4.2 EUT Operation Mode

No.	Mode	Description
1	DISPLAY	EUT Was with H letter output connected to monitor. (Earphone : cresyn / bujeon)
2	DATA COMMUNICAITON	The EUT is reading, writing, internal storage. (Cresyn + luxshare / Bujeon + luxshare)
3	DATA COMMUNICAITON (Dual Screen)	The EUT is reading, writing, internal storage. (Cresyn + luxshare / Bujeon + luxshare)
4	WIRELESS CHARGING	The EUT on the wireless charging pad. (Earphone : cresyn / bujeon)

4.3 Test Configuration Mode

No.	Mode	Description
1	DISPLAY	The EUT is connected USB C type TO HDMI by LCD MONITOR (Earphone : cresyn / bujeon)
2	DATA COMMUNICAITON	EUT was connected NOTEBOOK by USB cable C type and continuously operated. (Cresyn + luxshare / Bujeon + luxshare)
3*	DATA COMMUNICAITON (Dual Screen)	EUT was connected NOTEBOOK by USB cable C type and continuously operated. (Cresyn + luxshare / Bujeon + luxshare)
4	WIRELESS CHARGING	EUT was at high speed on the wireless charger (Earphone : cresyn / bujeon)
*Tested in three configurations (degrees 90,180 & 360) according to the angle with dual screens, the worst condi -tion for each configuration was 180 degrees. The worst data is attached in the report.		

4.4 Supported Equipment

Used*	Product Type	Manufacturer	Model	Remarks
AE	NOTEBOOK	LG	LG15Z96	607NZUD007502
AE	NOTEBOOK ADAPTOR	Genmao Electronics	LCAP48-WK	N/A
AE	SSD	SAMSUNG	MU-PT250B	S2WKNAAH32059X
AE	KEYBOARD	Logitech	Y-U0011	N/A
AE	MOUSE	Logitech	M-U0026	N/A
AE	LCD MONITOR	DELL	P2217H	N/A
AE	Ear MIC	Lenovo	PB2	N/A
AE	wireless charger	belkin	F7U050	26S10EH4840924
AE	wireless charger adaptor	belkin	ADS-26FSG12	N/A

*Abbreviations:
AE - Auxiliary/Associated Equipment, or
SIM - Simulator

4.5 EUT In/Output Port

(MODE 1)

Name	Type*	Cable Max. >3 m	Cable Shielded	Cable Back shell	Remarks
HDMI POEWER	I/O AC	2.0 1.8	shield Non shield	Plastic Plastic	LCD MONITOR
USB	I/O	1.5	Shield	Plastic	EUT
AUX	I/O	1.5	Non shield	Plastic	EUT

*Abbreviations:
AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port
TP = Telecommunication Ports

(MODE 2,3)

Name	Type*	Cable Max. >3 m	Cable Shielded	Cable Back shell	Remarks
AUX	I/O	1.5	Non shield	Plastic	EUT
USB	I/O	1.5	Shield	Plastic	EUT
USB(EUT) USB(MOUSE) USB(KEYBOARD) USB(SSD) HDMI(MONITOR) AUX(EAR MIC) DC IN(ADAPTOR)	I/O I/O I/O I/O I/O I/O DC	1.3 1.8 1.8 1.0 1.8 1.8 1.8	Non shield Non shield Non shield Non shield shield Non shield Non shield	Plastic Plastic Plastic Plastic Plastic Plastic Plastic	NOTEBOOK
DC OUT POEWER	DC AC	1.8 -	Non shield Non shield	Plastic Plastic	NOTEBOOK ADAPTOR

*Abbreviations:
AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port
TP = Telecommunication Ports

(MODE 4)

Name	Type*	Cable Max. >3 m	Cable Shielded	Cable Back shell	Remarks
DC IN	DC	1.5	Non shield	Plastic	Wireless Charging Pad
DC OUT POEWER	DC AC	1.5 -	Non shield -	Plastic -	Wireless Charger Adaptor

*Abbreviations:
AC = AC Power Port DC = DC Power Port N/E = Non-Electrical
I/O = Signal Input or Output Port
TP = Telecommunication Ports

4.6 Test Voltage and Frequency

Case	Voltage (V)	Frequency (Hz)	Phases	Remarks
1	AC 120	60	Single	None
2	DC 3.85	-	-	Battery

5. Test Summary

Test Items	Applied Standards	Results
Conducted Disturbance	ANSI C63.4 : 2014	**C**
Radiated Disturbance	ANSI C63.4 : 2014	**C**
C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable		

-Conducted Disturbance

Frequency [MHz]	Phase	Result [dBµV]	Detector	Limit [dBµV]	Margin [dB]
0.20060	N	60.20	Quasi - Peak	63.59	3.39

-Radiated Disturbance

Frequency [MHz]	Pol.	Result [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]
39232.710	H	50.25	Cispr - Average	54.00	3.75

6. Test Environment

Test Items	Test date (YYYY-MM-DD)	Temp. (℃)	Humidity (% R.H.)	Pressure (kPa)
Conducted Disturbance	2020-01-14 2020-01-17 2020-01-20	23 23 22	48 50 46	-
Radiated Disturbance	2020-01-03 2020-01-04 2020-01-12 2020-01-13 2020-01-20 2020-01-20	23 25 21 26 22 24	40 43 44 44 46 46	-

7. Test Results : Emission

7.1 Conducted Disturbance

ANSI C63.4	Mains terminal disturbance voltage	Result
Method:	The AMN placed 0,8 m from the boundary of the unit under test and bonded to a ground reference plane. This distance was between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment were at least 0,8 m from the AMN. All power was connected to the system through Artificial Mains Network (AMN). Conducted voltage measurements on mains lines were made at the output of the AMN. 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.	**Comply**

Fully configured sample scanned over the following frequency range	**Frequency range on each side of line**	**Measurement Point**
	150 kHz to 30 MHz	**Mains**
EUT mode	**Test configuration mode**	**2, 3, 4**
(Refer to clauses 4)	**EUT Operation mode**	**2, 3, 4**

Limits – Class A

Frequency (MHz)	**Limit dBµV**	
	Quasi-Peak	**Average**
0.15 to 0.50	79	66
0.50 to 30	73	60

Limits – Class B

Frequency (MHz)	**Limit dBµV**	
	Quasi-Peak	**Average**
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Measurement uncertainty	
Expended uncertainty *U* (95 %, Confidence level, *k* = 2)	2.44 dB
The measurement uncertainties were calculated in accordance with requirements of ANSI C 63.4-2014.	

Measurement Instrument					
Description	**Model**	**Manufacturer**	**Identifier**	**Cal. Date**	**Cal. Due**
MEASUREMENT SOFTWARE	EMI-C VER. 2.00.0171	TSJ	N/A	N/A	N/A
EMI TEST RECEIVER	ESR7	ROHDE&SCHWARZ	101109	2019.10.24	2020.10.24
TWO-LINE V-NETWORK	ENV216	ROHDE&SCHWARZ	101979	2019.12.06	2020.12.06
LISN	LISN1600	TTI	197204	2019.06.04	2020.06.04
TRANSIENT LIMITER	TL-B0930A	EMCIS	11002	2019.08.30	2020.08.30
50 OHM TERMINATOR	CT-01	TME	N/A	2019.12.16	2020.12.16

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

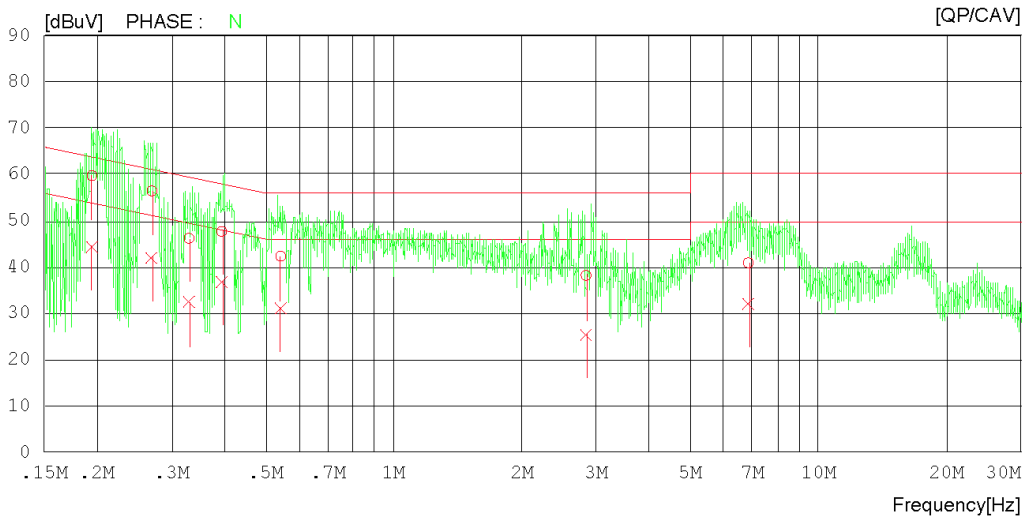
Results of Conducted Emission

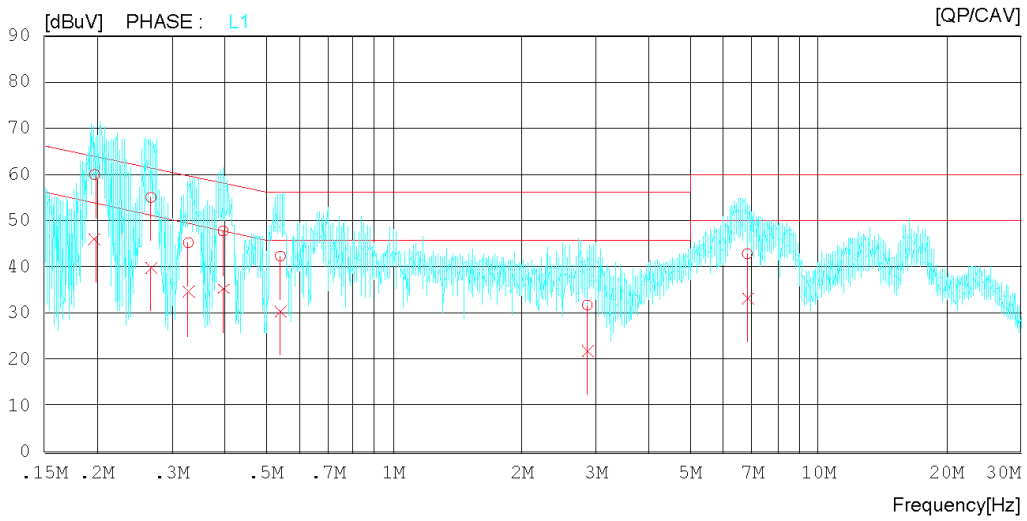
DT&C
Date 2020-01-14

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV





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Date 2020-01-14

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Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.19455	39.67	24.48	20.04	59.71	44.52	63.84	53.84	4.13	9.32	N
2	0.26951	36.56	22.29	19.85	56.41	42.14	61.13	51.13	4.72	8.99	N
3	0.32941	26.24	12.47	19.99	46.23	32.46	59.47	49.47	13.24	17.01	N
4	0.39332	27.53	16.65	20.17	47.70	36.82	57.99	47.99	10.29	11.17	N
5	0.54145	22.12	11.02	20.24	42.36	31.26	56.00	46.00	13.64	14.74	N
6	2.83800	18.08	5.43	20.09	38.17	25.52	56.00	46.00	17.83	20.48	N
7	6.84480	20.54	11.68	20.39	40.93	32.07	60.00	50.00	19.07	17.93	N
8	0.19734	39.94	26.05	20.02	59.96	46.07	63.72	53.72	3.76	7.65	L1
9	0.26777	35.17	20.15	19.85	55.02	40.00	61.19	51.19	6.17	11.19	L1
10	0.32801	25.24	14.49	19.99	45.23	34.48	59.50	49.50	14.27	15.02	L1
11	0.39611	27.60	15.16	20.17	47.77	35.33	57.93	47.93	10.16	12.60	L1
12	0.54099	22.09	10.21	20.24	42.33	30.45	56.00	46.00	13.67	15.55	L1
13	2.85960	11.67	1.76	20.10	31.77	21.86	56.00	46.00	24.23	24.14	L1
14	6.80040	22.37	12.81	20.49	42.86	33.30	60.00	50.00	17.14	16.70	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

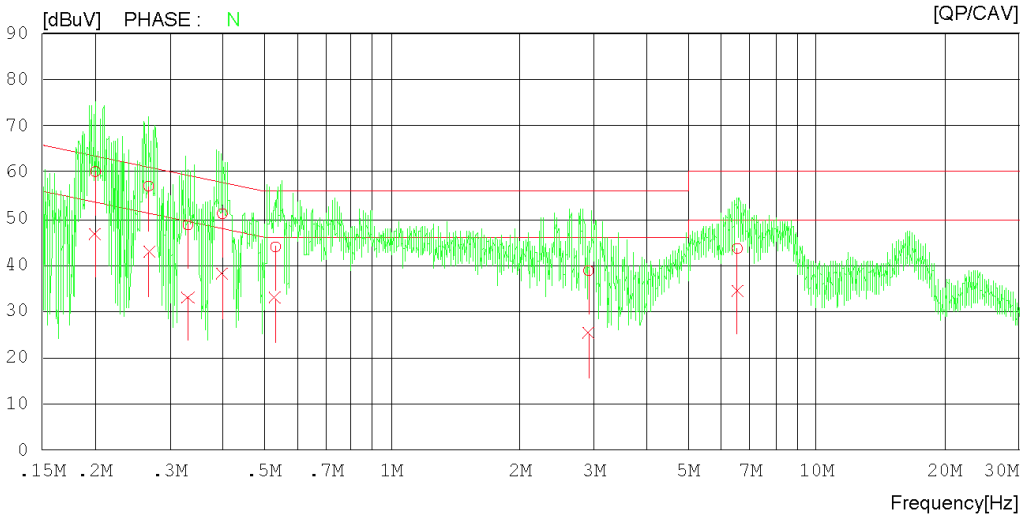
Results of Conducted Emission

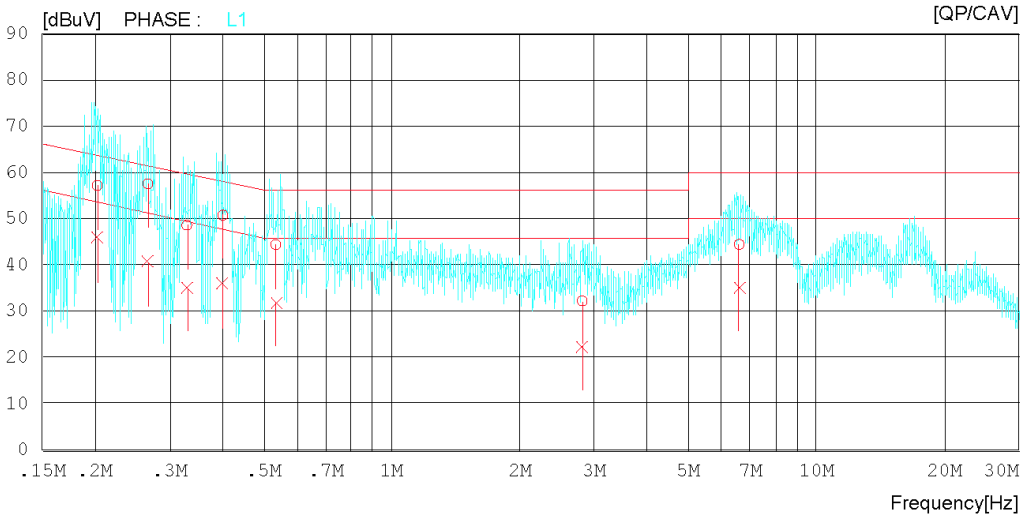
DT&C
Date 2020-01-14

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV





Results of Conducted Emission

DT&C
Date 2020-01-14

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Temp/Humi/Atm 23 'C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.20060	40.20	26.78	20.00	60.20	46.78	63.59	53.59	3.39	6.81	N
2	0.26750	37.20	23.08	19.85	57.05	42.93	61.20	51.20	4.15	8.27	N
3	0.33104	28.63	13.15	20.00	48.63	33.15	59.43	49.43	10.80	16.28	N
4	0.39882	30.90	17.82	20.18	51.08	38.00	57.88	47.88	6.80	9.88	N
5	0.53212	23.72	12.70	20.24	43.96	32.94	56.00	46.00	12.04	13.06	N
6	2.90760	18.71	5.19	20.09	38.80	25.28	56.00	46.00	17.20	20.72	N
7	6.51840	23.24	14.18	20.35	43.59	34.53	60.00	50.00	16.41	15.47	N
8	0.20257	37.21	25.94	19.99	57.20	45.93	63.50	53.50	6.30	7.57	L1
9	0.26616	37.67	20.91	19.84	57.51	40.75	61.24	51.24	3.73	10.49	L1
10	0.32906	28.60	15.11	19.99	48.59	35.10	59.47	49.47	10.88	14.37	L1
11	0.39992	30.60	15.84	20.18	50.78	36.02	57.86	47.86	7.08	11.84	L1
12	0.53306	24.16	11.75	20.24	44.40	31.99	56.00	46.00	11.60	14.01	L1
13	2.81080	12.16	2.37	20.10	32.26	22.47	56.00	46.00	23.74	23.53	L1
14	6.58520	23.97	14.76	20.46	44.43	35.22	60.00	50.00	15.57	14.78	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

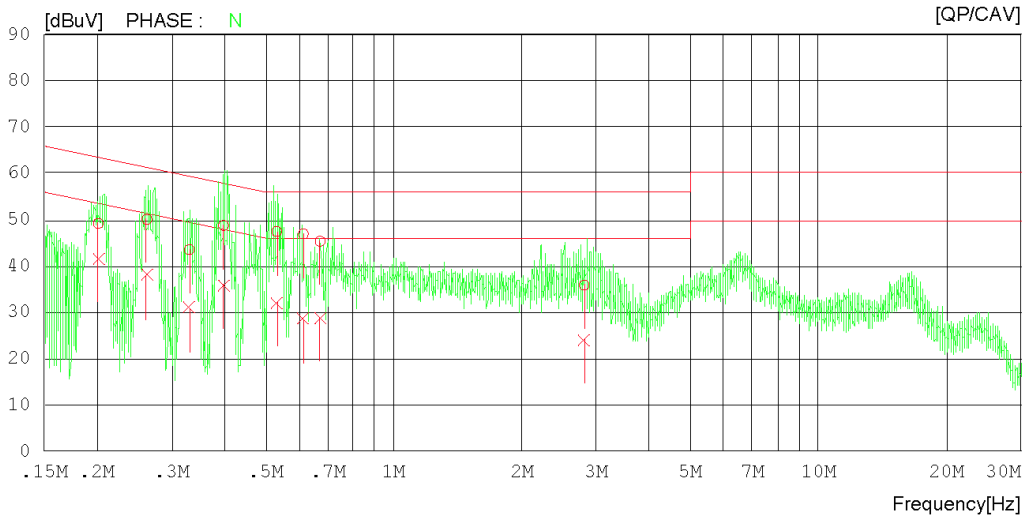
Results of Conducted Emission

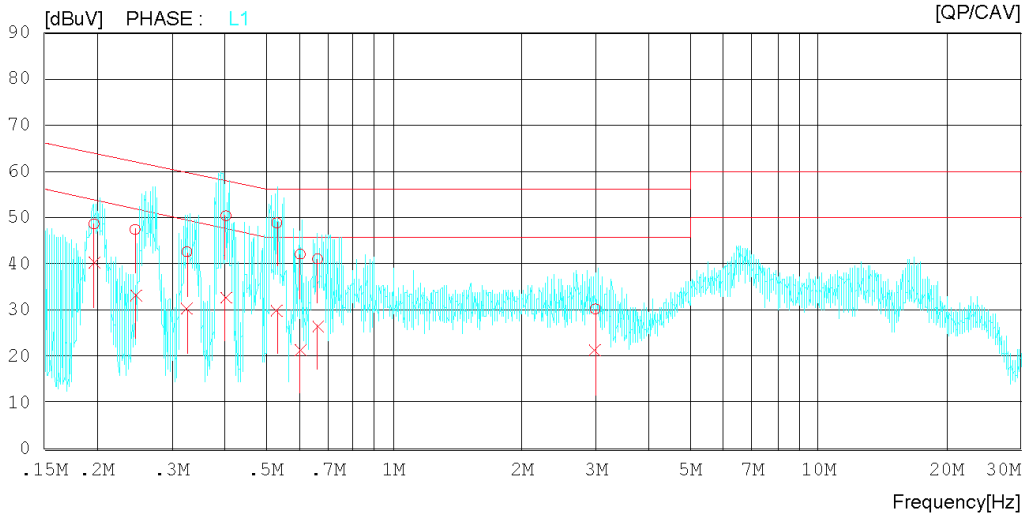
DT&C
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : CISPR32_B QP
CISPR32_B AV





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Memo luxshare+cresyn+DS

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.20124	29.22	21.73	20.00	49.22	41.73	63.56	53.56	14.34	11.83	N
2	0.26220	30.21	18.22	19.83	50.04	38.05	61.36	51.36	11.32	13.31	N
3	0.32982	23.52	10.98	19.99	43.51	30.97	59.46	49.46	15.95	18.49	N
4	0.39712	28.61	15.67	20.17	48.78	35.84	57.91	47.91	9.13	12.07	N
5	0.53000	27.22	11.98	20.24	47.46	32.22	56.00	46.00	8.54	13.78	N
6	0.61224	26.72	8.26	20.23	46.95	28.49	56.00	46.00	9.05	17.51	N
7	0.67056	25.21	8.56	20.17	45.38	28.73	56.00	46.00	10.62	17.27	N
8	2.81120	15.77	3.93	20.10	35.87	24.03	56.00	46.00	20.13	21.98	N
9	0.19672	28.62	20.22	20.02	48.64	40.24	63.75	53.75	15.11	13.51	L1
10	0.24600	27.62	13.57	19.83	47.45	33.40	61.89	51.89	14.44	18.49	L1
11	0.32553	22.63	10.35	19.98	42.61	30.33	59.56	49.56	16.95	19.23	L1
12	0.40235	30.24	12.65	20.18	50.42	32.83	57.80	47.80	7.38	14.97	L1
13	0.52982	28.65	9.82	20.24	48.89	30.06	56.00	46.00	7.11	15.94	L1
14	0.60234	21.88	1.26	20.24	42.12	21.50	56.00	46.00	13.88	24.50	L1
15	0.66107	20.93	6.54	20.18	41.11	26.72	56.00	46.00	14.89	19.28	L1
16	2.98320	10.22	1.22	20.08	30.30	21.30	56.00	46.00	25.70	24.70	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

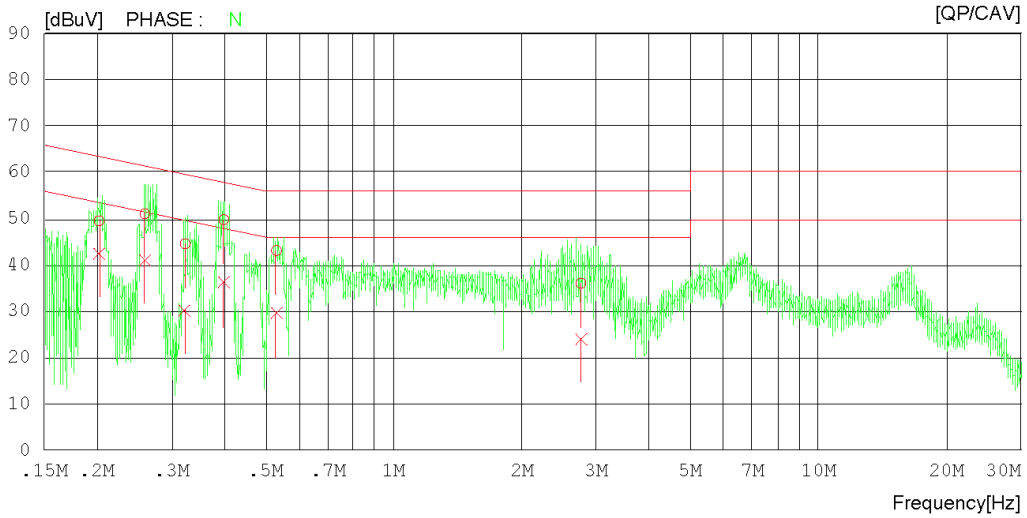
Results of Conducted Emission

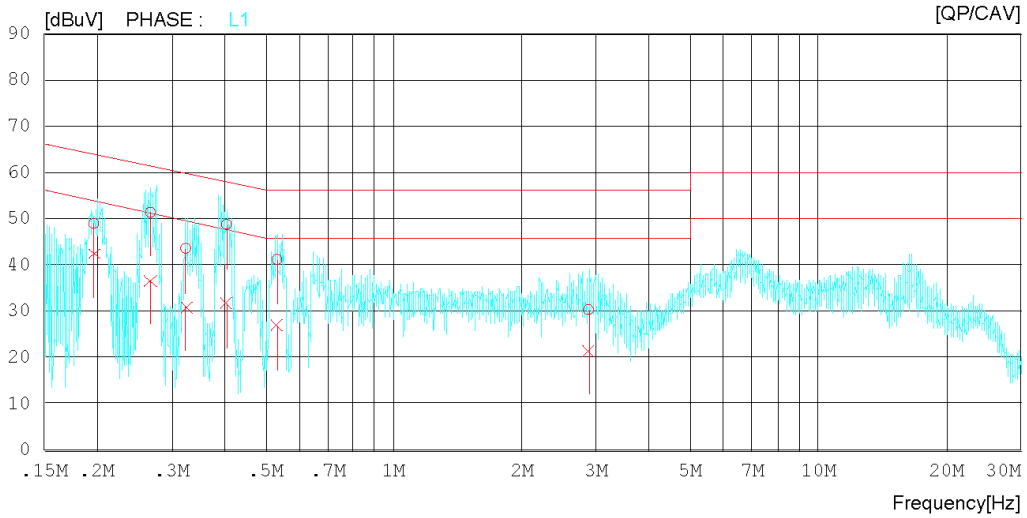
DT&C
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo Luxshare+bujeon+DS

LIMIT : CISPR32_B QP
CISPR32_B AV





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LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.20213	29.56	22.63	19.99	49.55	42.62	63.52	53.52	13.97	10.90	N
2	0.25923	31.25	21.22	19.83	51.08	41.05	61.46	51.46	10.38	10.41	N
3	0.32263	24.62	10.25	19.98	44.60	30.23	59.64	49.64	15.04	19.41	N
4	0.39777	29.63	15.89	20.18	49.81	36.07	57.90	47.90	8.09	11.83	N
5	0.52976	22.92	9.21	20.24	43.16	29.45	56.00	46.00	12.84	16.55	N
6	2.76260	15.97	3.98	20.11	36.08	24.09	56.00	46.00	19.92	21.91	N
7	0.19650	28.92	22.42	20.02	48.94	42.44	63.76	53.76	14.82	11.32	L1
8	0.26721	31.53	16.87	19.84	51.37	36.71	61.20	51.20	9.83	14.49	L1
9	0.32360	23.62	10.98	19.98	43.60	30.96	59.61	49.61	16.01	18.65	L1
10	0.40350	28.62	11.52	20.18	48.80	31.70	57.78	47.78	8.98	16.08	L1
11	0.53047	20.99	6.72	20.24	41.23	26.96	56.00	46.00	14.77	19.04	L1
12	2.87509	10.25	1.30	20.09	30.34	21.39	56.00	46.00	25.66	24.61	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

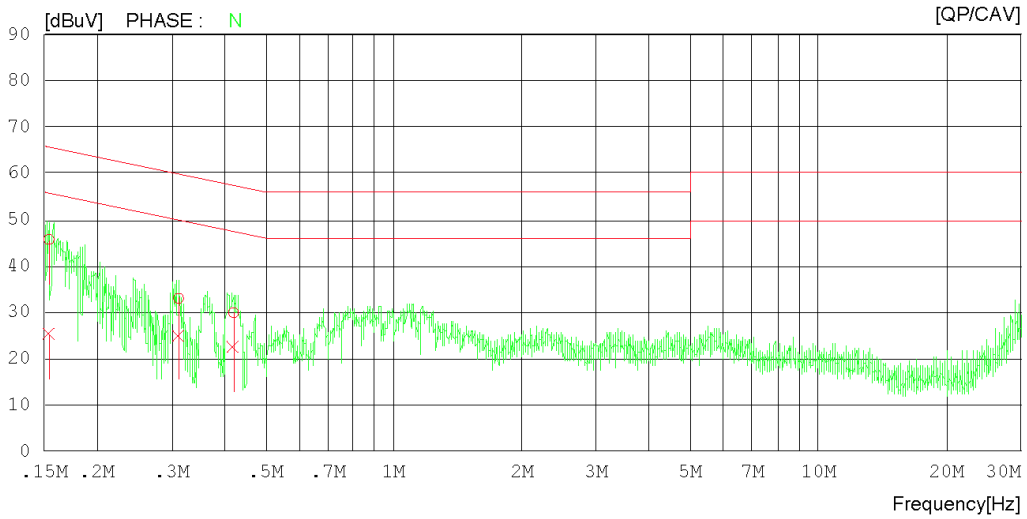
Results of Conducted Emission

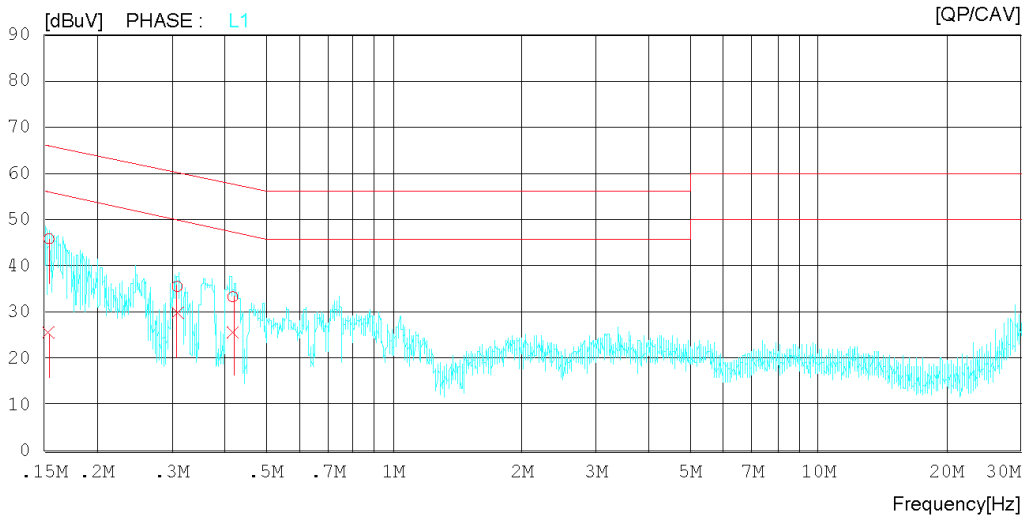
DT&C
Date 2020-01-17

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition wireless charging

Memo cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV





Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition wireless charging

Memo cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.15412	25.77	5.27	19.97	45.74	25.24	65.78	55.78	20.04	30.54	N
2	0.31113	13.07	5.01	19.94	33.01	24.95	59.94	49.94	26.93	24.99	N
3	0.41947	9.78	2.36	20.19	29.97	22.55	57.46	47.46	27.49	24.91	N
4	0.15405	25.88	5.62	19.97	45.85	25.59	65.78	55.78	19.93	30.19	L1
5	0.30885	15.64	9.79	19.93	35.57	29.72	60.00	50.00	24.43	20.28	L1
6	0.41750	13.20	5.58	20.19	33.39	25.77	57.50	47.50	24.11	21.73	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

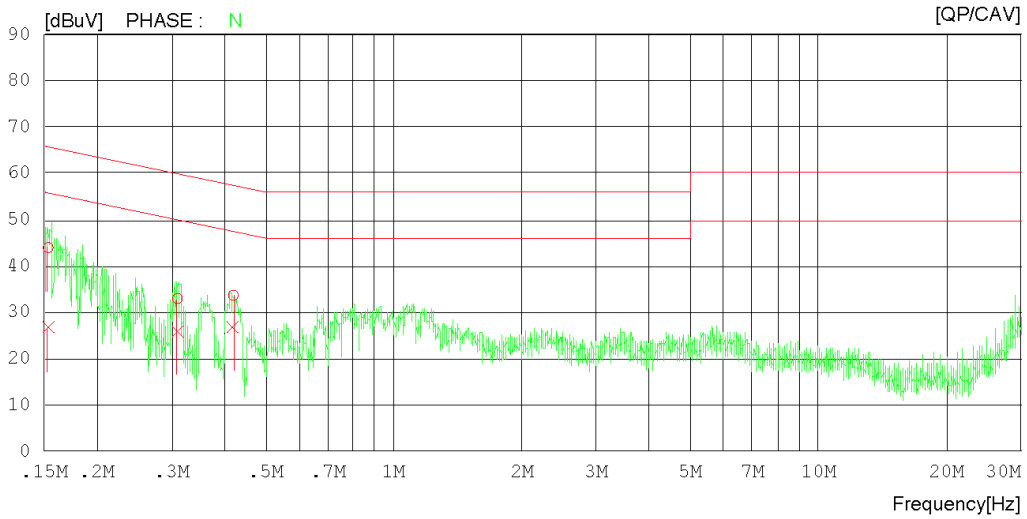
Results of Conducted Emission

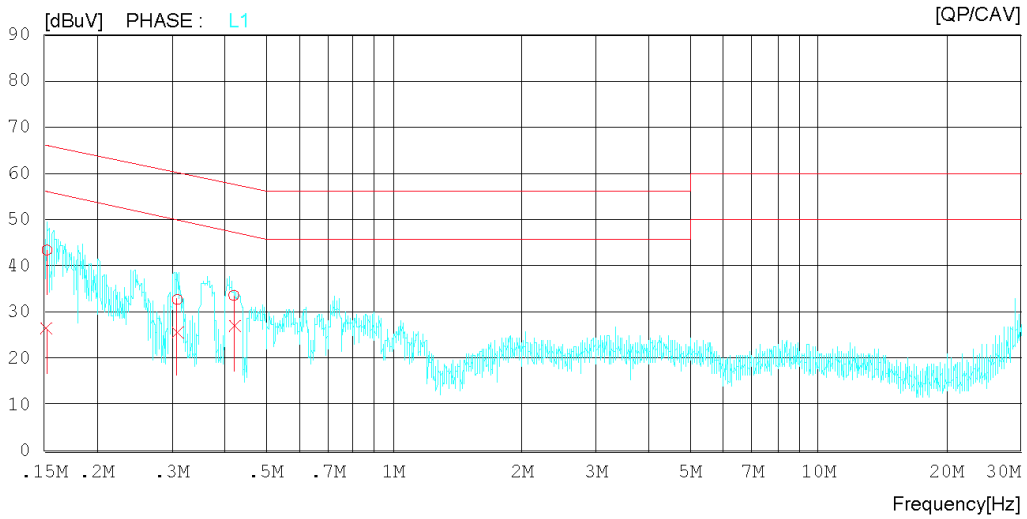
DT&C
Date 2020-01-17

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV





Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING QP [dBuV]	READING CAV [dBuV]	C.FACTOR [dB]	RESULT QP [dBuV]	RESULT CAV [dBuV]	LIMIT QP [dBuV]	LIMIT CAV [dBuV]	MARGIN QP [dBuV]	MARGIN CAV [dBuV]	PHASE
1	0.15350	24.02	6.80	19.96	43.98	26.76	65.81	55.81	21.83	29.05	N
2	0.30940	13.00	6.02	19.93	32.93	25.95	59.99	49.99	27.06	24.04	N
3	0.41886	13.50	6.70	20.19	33.69	26.89	57.47	47.47	23.78	20.58	N
4	0.15242	23.49	6.50	19.95	43.44	26.45	65.87	55.87	22.43	29.42	L1
5	0.30913	12.83	5.72	19.93	32.76	25.65	59.99	49.99	27.23	24.34	L1
6	0.41987	13.45	6.67	20.19	33.64	26.86	57.45	47.45	23.81	20.59	L1

Calculation

N : Neutral phase, L1 : Live phase
C.FACTOR(dB) : Pulse Limiter(dB) + Cable loss(dB) + Insertion loss of LISN(dB)
Result(dBµV) : Reading Value(dBµV) + C.FACTOR(dB)
Margin(dB) : Limit(dBµV) - Result(dBµV)

7.2 Radiated Disturbance

ANSI C63.4	Radiated disturbance 30 MHz – 40 GHz	Result
Method: Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 or 3 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable. For final measurement below 1 GHz frequency range, Quasi-Peak detector with (RBW = 120 kHz Bandwidth) was used. For final measurement above 1 GHz frequency range, Peak detector with (RBW = 1 MHz Bandwidth) and CISPR Average detector with (RBW = 1 MHz Bandwidth) were used.		**Comply**

EUT mode (Refer to clauses 4)	**Test configuration mode**	**1, 2, 3, 4**
	EUT Operation mode	**1, 2, 3, 4**

Radiated Disturbance below 1 000 MHz

Frequency range (MHz)	**Quasi-peak limit dBµV/m**		
	Class A		**Class B**
	3 m distance	**10 m distance**	**3 m distance**
30 to 88	49.1	39.1	40
88 to 216	53.5	43.5	43.5
216 to 960	56.4	46.4	46
960 to 1 000	59.5	49.5	54

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 contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22 shown.

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

Radiated Disturbance for above 1 000 MHz at a measurement distance of 3 m

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

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

Measurement uncertainty	
Expended uncertainty *U* (95 %, Confidence level, *k* = 2)	2.89 dB, (30 ~ 1 000) MHz 4.22 dB, (1 GHz Above)
The measurement uncertainties were calculated in accordance with requirements of ANSI C 63.4-2014.	

Measurement Instrument					
Description	**Model**	**Manufacturer**	**Identifier**	**Cal. Date**	**Cal. Due**
MEASUREMENT SOFTWARE	EMI-R VER. 2.00.0177	TSJ	N/A	N/A	N/A
EMI TEST RECEIVER	ESU	ROHDE&SCHWARZ	100469	2019.06.12	2020.06.12
TRILOG BROADBAND TEST-ANTENNA WITH 6DB ATT	VULB9160	SCHWARZBECK	9160-3339	2018.10.22	2020.10.22
	8491B	HP	18403	2018.10.22	2020.10.22
LOW NOISE PRE AMPLIFIER	MLA-100K01-B01-26	TSJ	1252741	2019.02.18	2020.02.18
HORN ANTENNA	3117	ETS-LINDGREN	00152093	2018.03.26	2020.03.26
PRE AMPLIFIER	8449B	H.P	3008A00887	2019.08.26	2020.08.26
HORN ANTENNA WITH PREAMPLIFIER	EM-6969	ELECTRO-METRICS	156	2019.02.13	2021.02.13
	MLA-0618-B03-34	TSJ	1785642	2019.12.31	2020.12.31
HORN ANTENNA	SAS-574	A.H.SYSTEMS INC.	155	2019.07.03	2021.07.03
PREAMPLIFIER	MLA-1840-J02-45	TSJ	16966-10728	2019.06.27	2020.06.27
(NOTE : THE MEASUREMENT ANTENNAS WERE CALIBRATED IN ACCORDANCE TO THE REQUIREMENTS OF C63.5-2017.)					

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

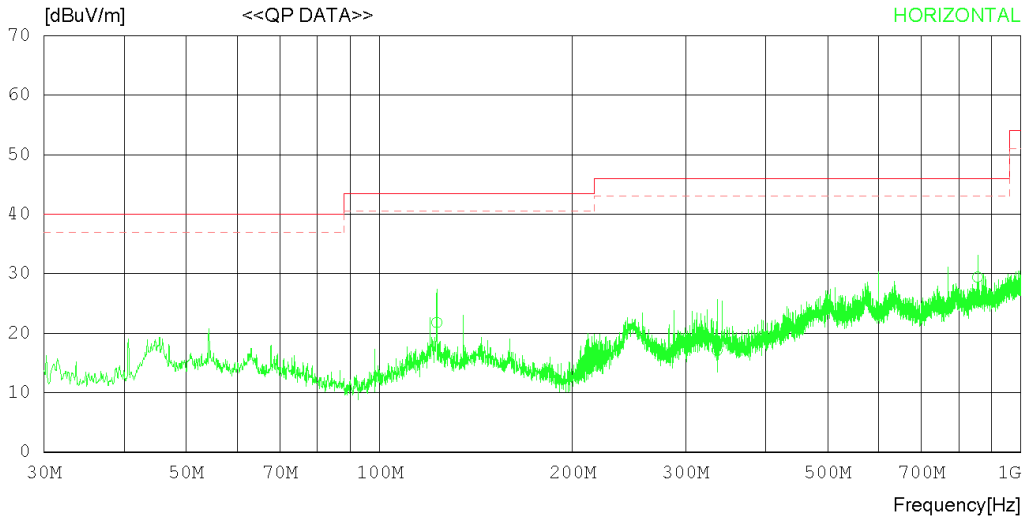
RADIATED EMISSION

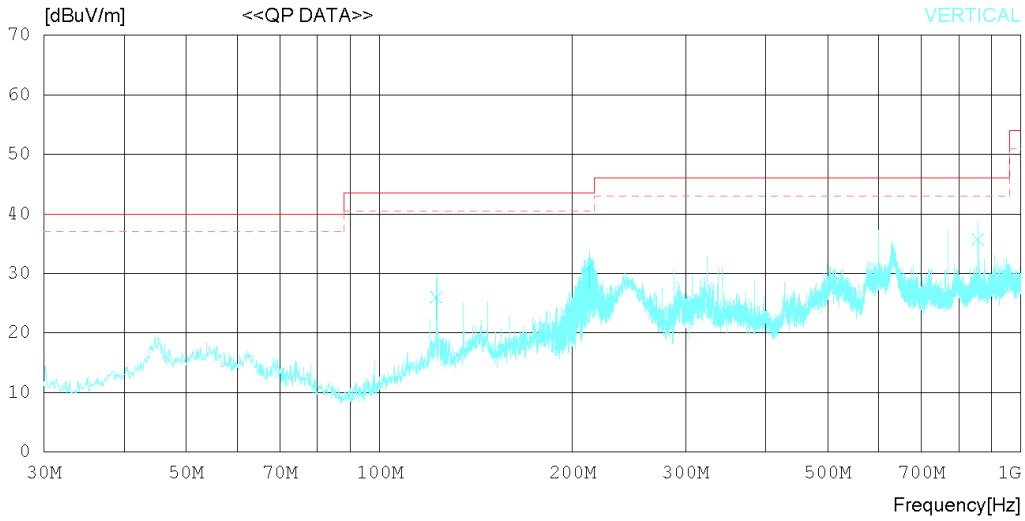
Date 2020-01-03

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 23 'C 40 % R.H.
Test Condition DISPLAY

Memo cresyn

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





RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 23 'C 40 % R.H.
Test Condition DISPLAY

Memo cresyn

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	122.876	28.60	17.22	1.67	25.69	21.80	43.50	21.70	342	192
2	335.906	20.72	19.92	2.37	25.88	17.13	46.00	28.87	227	277
3	856.018	22.37	29.20	3.59	25.74	29.42	46.00	16.58	311	74
----- Vertical ------										
4	122.755	32.80	17.20	1.67	25.69	25.98	43.50	17.52	177	264
5	212.719	38.22	16.61	1.97	25.64	31.16	43.50	12.34	227	123
6	856.018	28.62	29.20	3.59	25.74	35.67	46.00	10.33	321	78

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

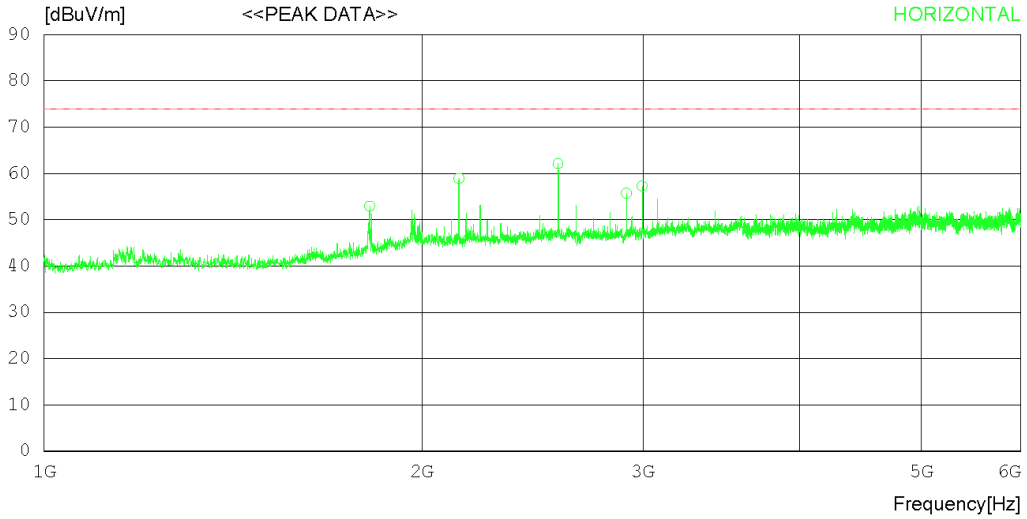
RADIATED EMISSION

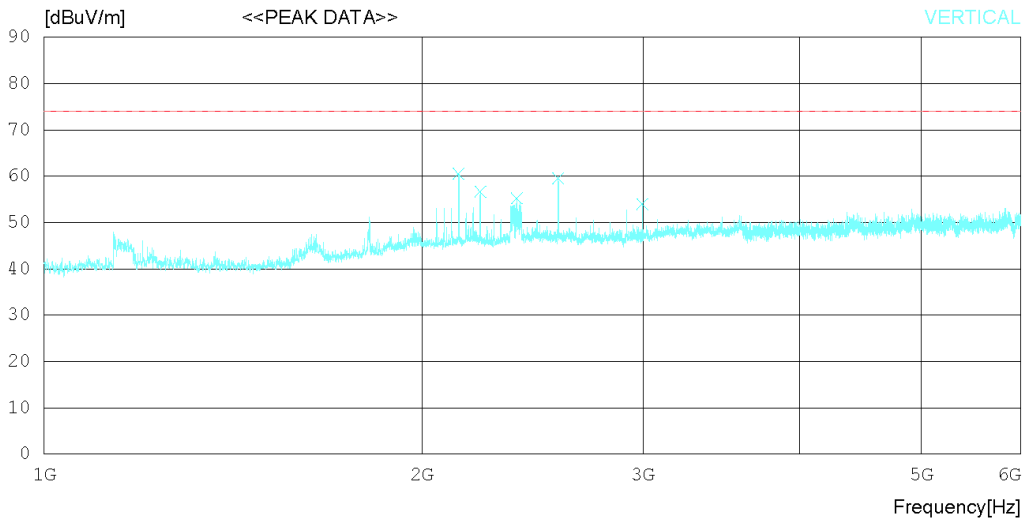
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 25 'C 43 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	25 'C 43 % R.H.
Test Condition	DISPLAY
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1816.875	51.20	30.47	5.89	34.60	52.96	74.0	21.04	205	294
2	2140.000	55.10	31.70	6.53	34.42	58.91	74.0	15.09	214	358
3	2567.500	57.20	32.54	7.05	34.67	62.12	74.0	11.88	266	174
4	2910.000	50.80	32.24	7.56	34.88	55.72	74.0	18.28	246	358
5	2995.625	52.00	32.49	7.74	34.93	57.30	74.0	16.7	172	214
----- Vertical ------										
6	2139.375	56.70	31.70	6.53	34.42	60.51	74.0	13.49	245	251
7	2225.625	52.90	31.60	6.66	34.47	56.69	74.0	17.31	116	0
8	2379.375	51.20	31.76	6.83	34.56	55.23	74.0	18.77	167	177
9	2568.125	54.60	32.54	7.05	34.68	59.51	74.0	14.49	152	0
10	2996.250	48.70	32.49	7.74	34.93	54.00	74.0	20	308	0

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

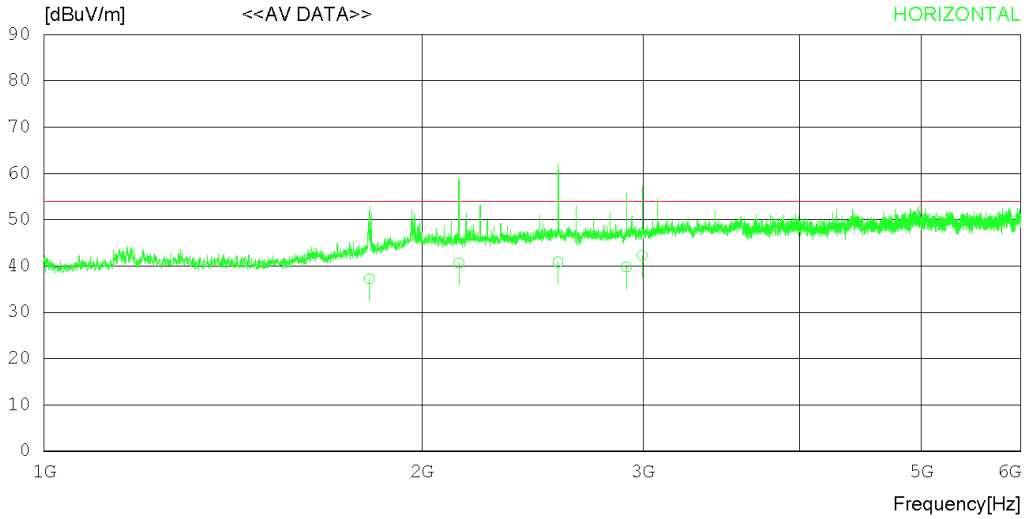
RADIATED EMISSION

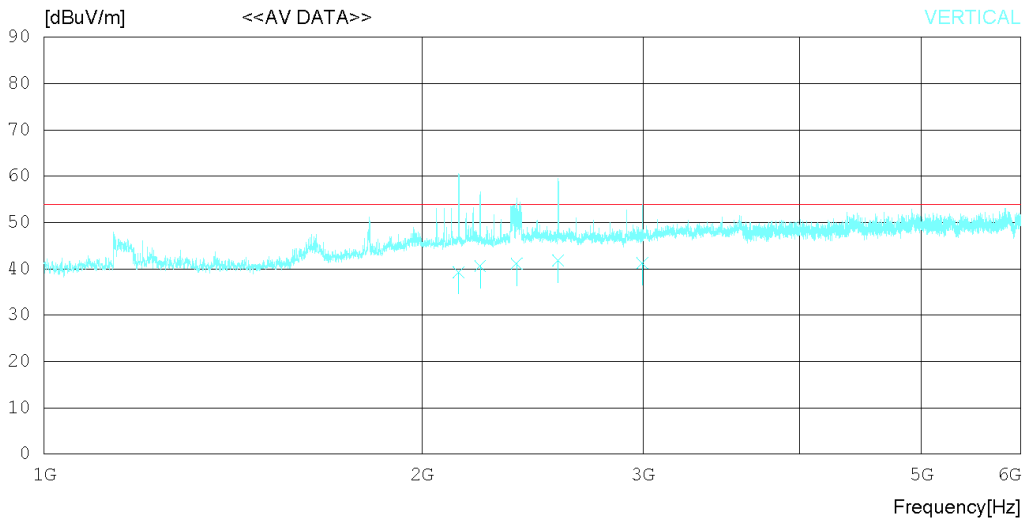
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 25 'C 43 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	25 'C 43 % R.H.
Test Condition	DISPLAY
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1816.180	35.50	30.46	5.89	34.60	37.25	54.00	16.75	120	149
2	2140.042	36.80	31.70	6.53	34.42	40.61	54.00	13.39	243	186
3	2567.423	35.98	32.53	7.05	34.67	40.89	54.00	13.11	344	144
4	2910.211	34.86	32.24	7.56	34.88	39.78	54.00	14.22	173	256
5	2995.264	36.98	32.49	7.74	34.93	42.28	54.00	11.72	265	124
----- Vertical ------										
6	2139.314	35.50	31.70	6.53	34.42	39.31	54.00	14.69	120	78
7	2225.342	36.80	31.60	6.66	34.47	40.59	54.00	13.41	230	122
8	2379.172	37.11	31.76	6.83	34.56	41.14	54.00	12.86	277	172
9	2568.111	36.87	32.54	7.05	34.68	41.78	54.00	12.22	134	205
10	2996.273	35.98	32.49	7.74	34.93	41.28	54.00	12.72	223	322

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

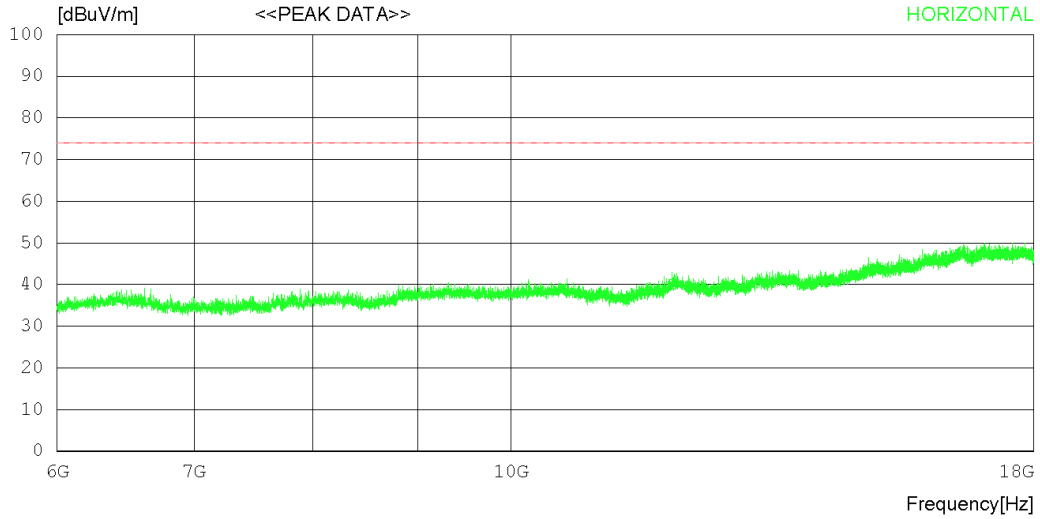
RADIATED EMISSION

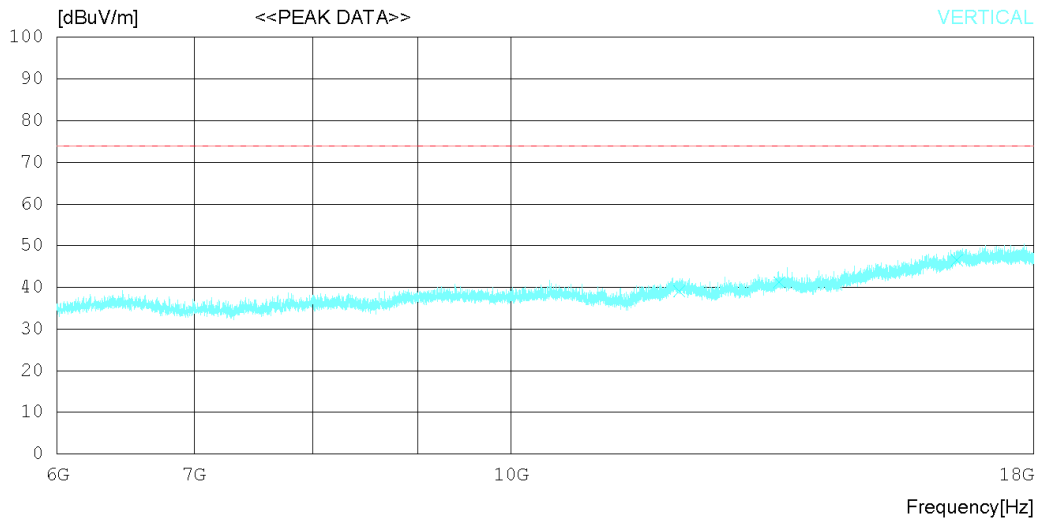
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 21 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	21 'C 44 % R.H.
Test Condition	DISPLAY
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	12005.250	28.70	33.46	15.68	37.71	40.13	74.0	33.87	124	14
2	14994.000	27.20	35.44	18.02	37.01	43.65	74.0	30.35	335	358
3	16682.250	26.90	37.19	19.56	36.21	47.44	74.0	26.56	242	79
----- Vertical ------										
4	12078.750	27.80	33.47	15.63	37.81	39.09	74.0	34.91	247	358
5	13521.000	27.80	33.74	17.10	37.40	41.24	74.0	32.76	113	5
6	16504.500	26.00	36.99	19.63	36.10	46.52	74.0	27.48	234	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

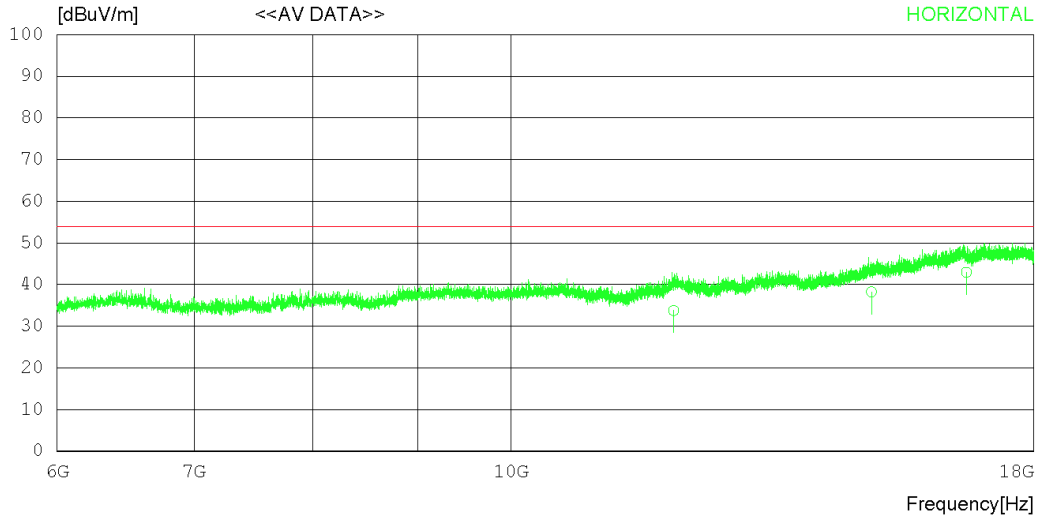
RADIATED EMISSION

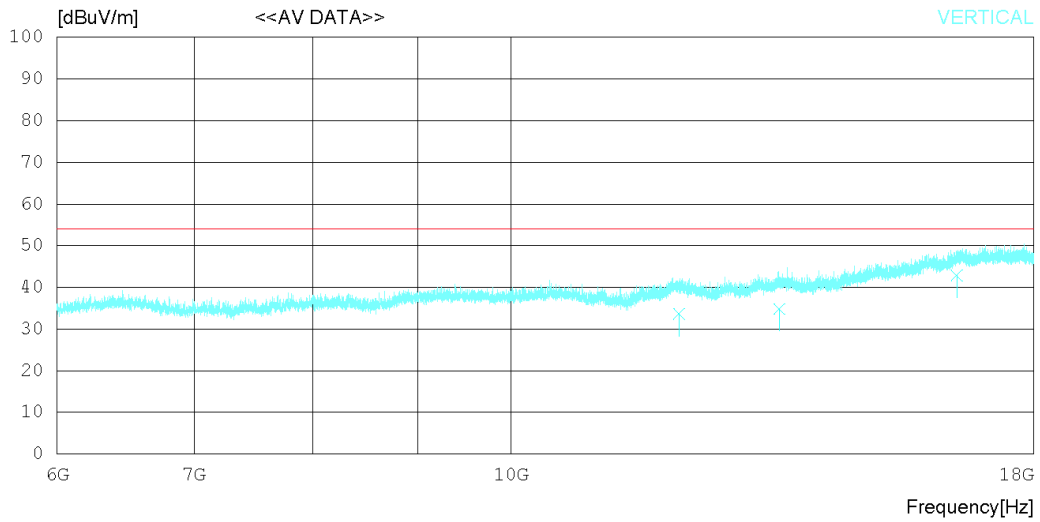
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 21 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	21 'C 44 % R.H.
Test Condition	DISPLAY
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	12005.21022.31	33.46	15.68	37.71	33.74	54.00	20.26	234	78	
2	14994.72021.78	35.44	18.02	37.01	38.23	54.00	15.77	123	122	
3	16682.21022.42	37.19	19.56	36.21	42.96	54.00	11.04	332	126	
----- Vertical ------										
4	12078.15022.35	33.47	15.63	37.81	33.64	54.00	20.36	120	178	
5	13521.41021.37	33.74	17.10	37.40	34.81	54.00	19.19	234	264	
6	16504.57022.32	36.99	19.63	36.10	42.84	54.00	11.16	372	112	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

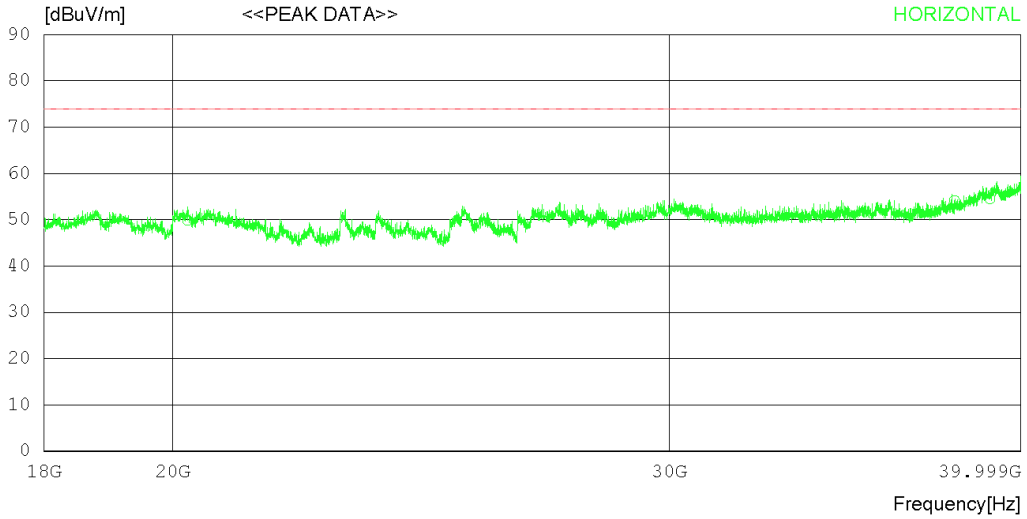
RADIATED EMISSION

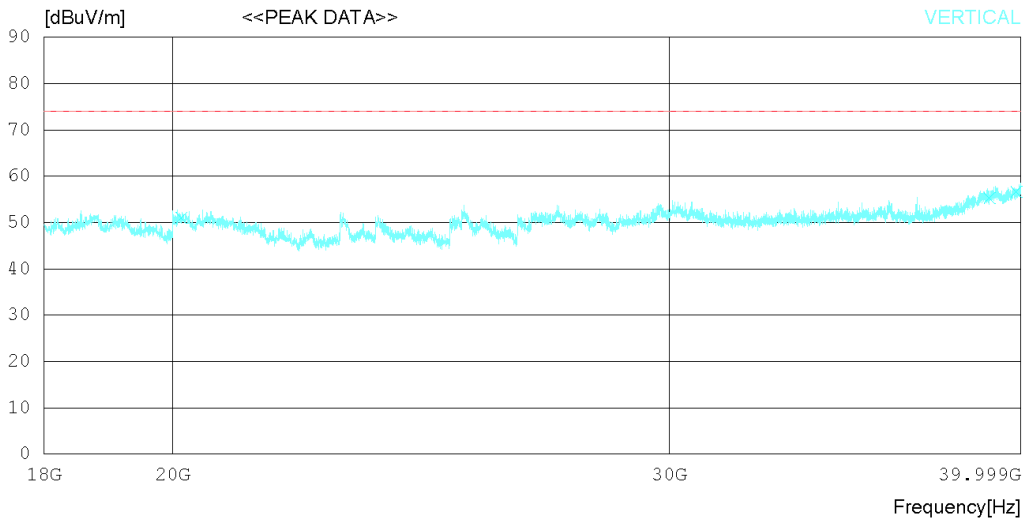
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	20241.250	38.60	45.30	19.05	53.11	49.84	74.0	24.16	124	358
2	37885.250	35.80	46.19	24.54	52.39	54.14	74.0	19.86	223	358
3	39001.750	33.40	47.60	25.78	52.25	54.53	74.0	19.47	372	120
----- Vertical ------										
4	20139.500	39.90	45.30	18.85	53.06	50.99	74.0	23.01	224	214
5	38985.250	34.20	47.59	25.77	52.25	55.31	74.0	18.69	231	358
6	39848.750	35.30	49.00	24.53	52.21	56.62	74.0	17.38	135	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Cresyn**	**Data cable**	**-**

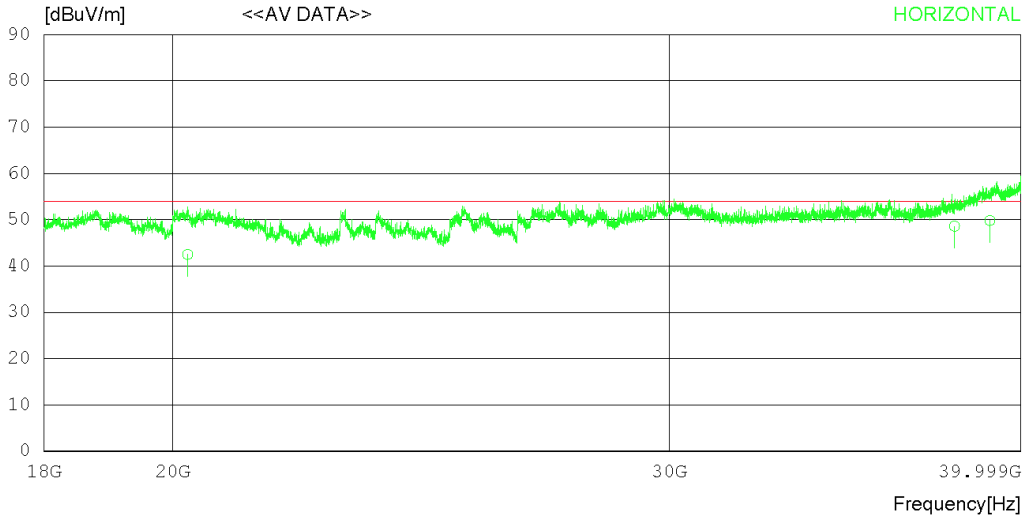
RADIATED EMISSION

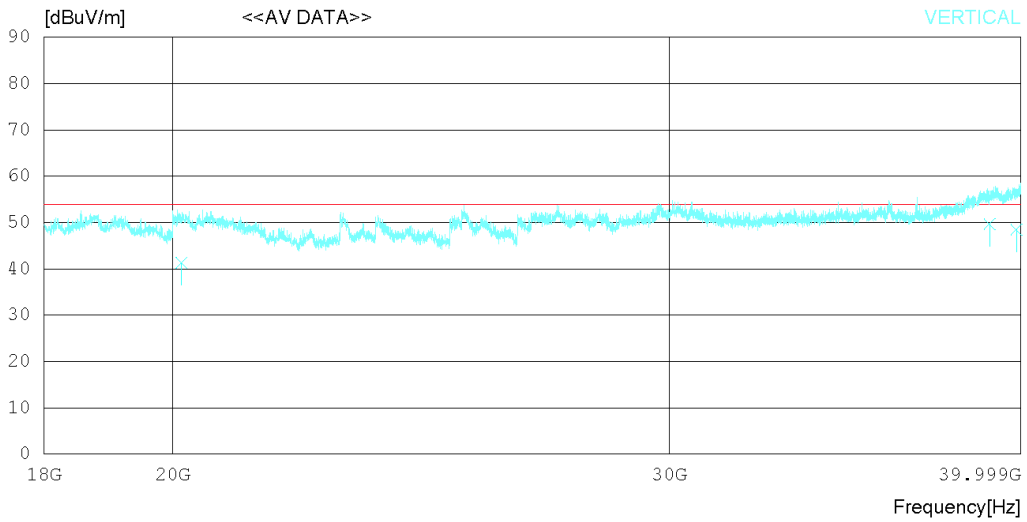
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20241.21031.26	45.30	19.05	53.11	42.50	54.00	11.50	223	276	
2	37885.31030.25	46.19	24.54	52.39	48.59	54.00	5.41	352	124	
3	39001.67028.67	47.60	25.78	52.25	49.80	54.00	4.20	315	223	
----- Vertical ------										
4	20139.11030.20	45.30	18.85	53.06	41.29	54.00	12.71	210	124	
5	38985.42028.60	47.59	25.76	52.25	49.70	54.00	4.30	322	225	
6	39848.31027.11	49.00	24.53	52.21	48.43	54.00	5.57	262	274	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

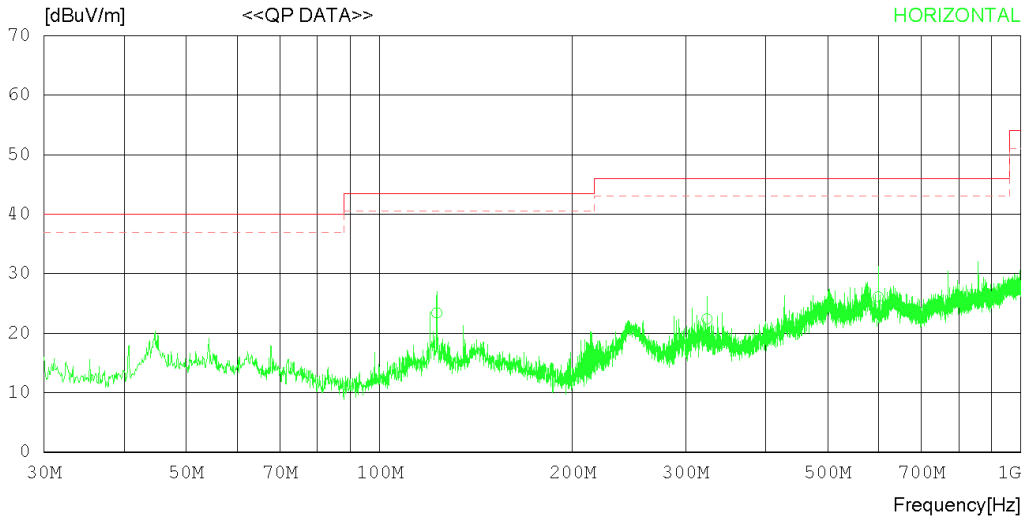
RADIATED EMISSION

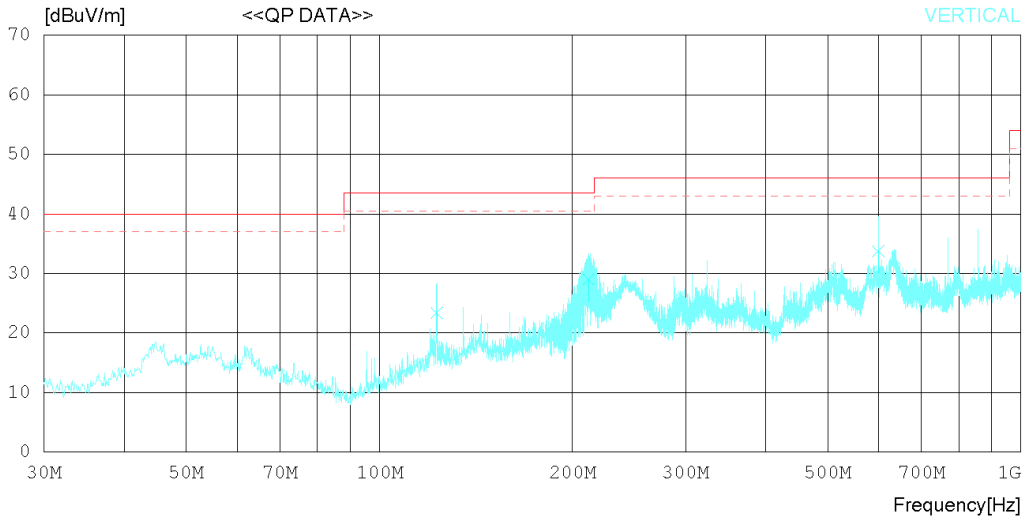
Date 2020-01-03

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 23 'C 40 % R.H.
Test Condition DISPLAY

Memo bujeon

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





RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 23 'C 40 % R.H.
Test Condition DISPLAY

Memo bujeon

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	122.876	30.20	17.22	1.67	25.69	23.40	43.50	20.10	341	238
2	324.023	26.23	19.68	2.34	25.87	22.38	46.00	23.62	312	277
3	599.153	22.63	25.88	3.10	25.49	26.12	46.00	19.88	272	26
----- Vertical ------										
4	122.876	30.20	17.22	1.67	25.69	23.40	43.50	20.10	120	127
5	211.871	36.11	16.57	1.97	25.63	29.02	43.50	14.48	234	203
6	599.153	30.27	25.88	3.10	25.49	33.76	46.00	12.24	177	311

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

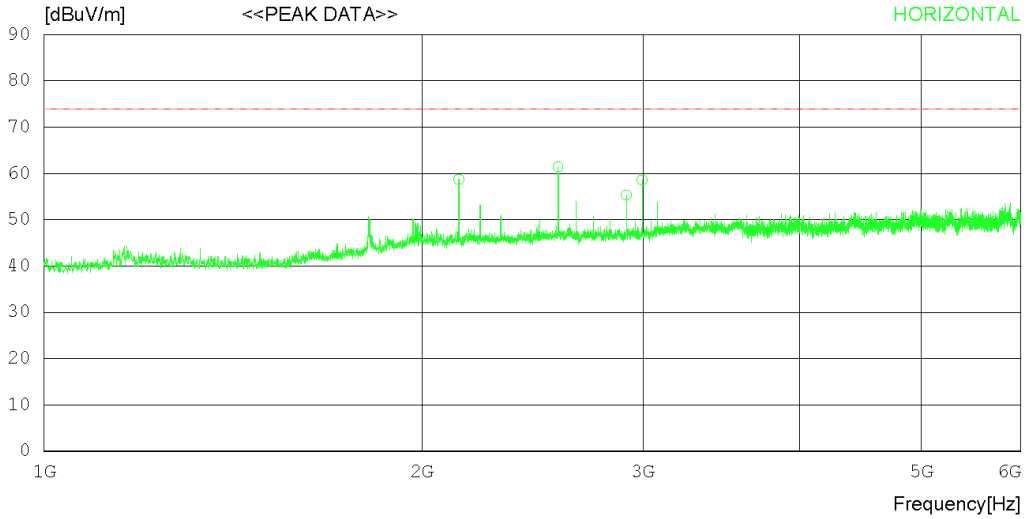
RADIATED EMISSION

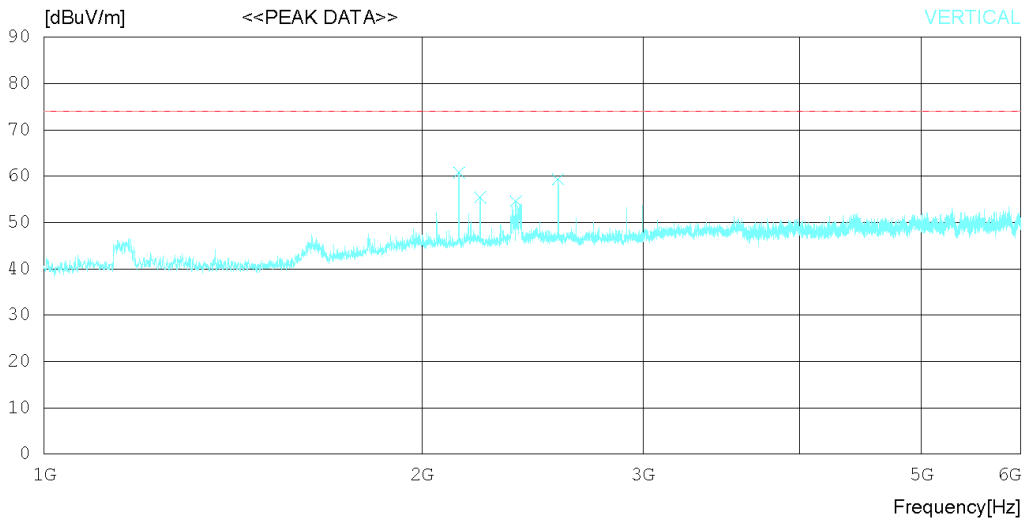
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 25 'C 43 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	25 'C 43 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	2140.000	54.90	31.70	6.53	34.42	58.71	74.0	15.29	205	358
2	2567.500	56.50	32.54	7.05	34.67	61.42	74.0	12.58	272	358
3	2910.000	50.40	32.24	7.56	34.88	55.32	74.0	18.68	113	195
4	2995.625	53.30	32.49	7.74	34.93	58.60	74.0	15.4	245	214
----- Vertical ------										
5	2140.000	57.00	31.70	6.53	34.42	60.81	74.0	13.19	353	249
6	2225.625	51.70	31.60	6.66	34.47	55.49	74.0	18.51	341	0
7	2376.875	50.60	31.75	6.83	34.56	54.62	74.0	19.38	227	0
8	2567.500	54.40	32.54	7.05	34.67	59.32	74.0	14.68	342	0

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

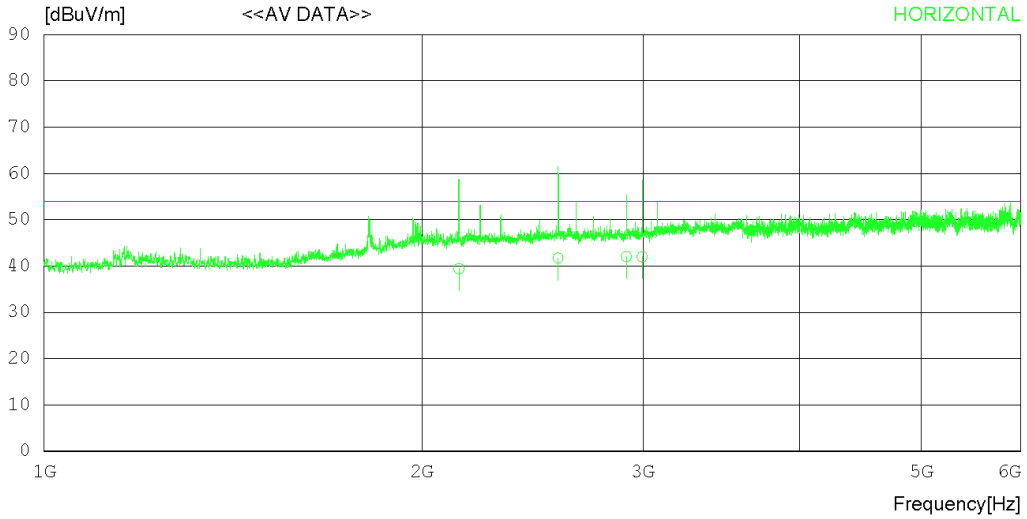
RADIATED EMISSION

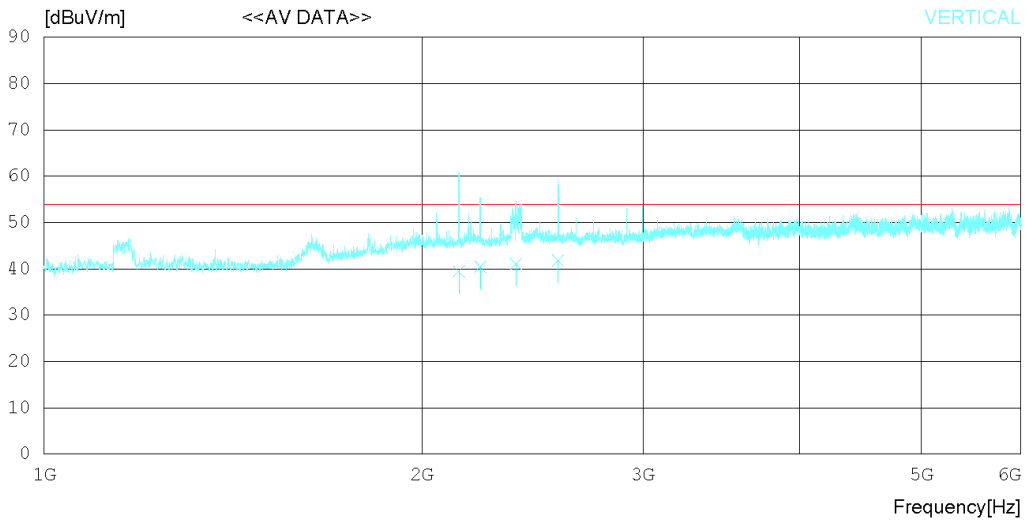
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 25 'C 43 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	25 'C 43 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	2140.078	35.60	31.70	6.53	34.42	39.41	54.00	14.59	355	164
2	2567.542	36.80	32.54	7.05	34.67	41.72	54.00	12.28	342	252
3	2910.120	37.12	32.24	7.56	34.88	42.04	54.00	11.96	247	196
4	2995.651	36.66	32.49	7.74	34.93	41.96	54.00	12.04	178	124
----- Vertical ------										
5	2140.010	35.60	31.70	6.53	34.42	39.41	54.00	14.59	120	124
6	2225.612	36.70	31.60	6.66	34.47	40.49	54.00	13.51	224	223
7	2376.815	37.10	31.75	6.83	34.56	41.12	54.00	12.88	254	78
8	2567.535	36.85	32.54	7.05	34.67	41.77	54.00	12.23	355	36

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

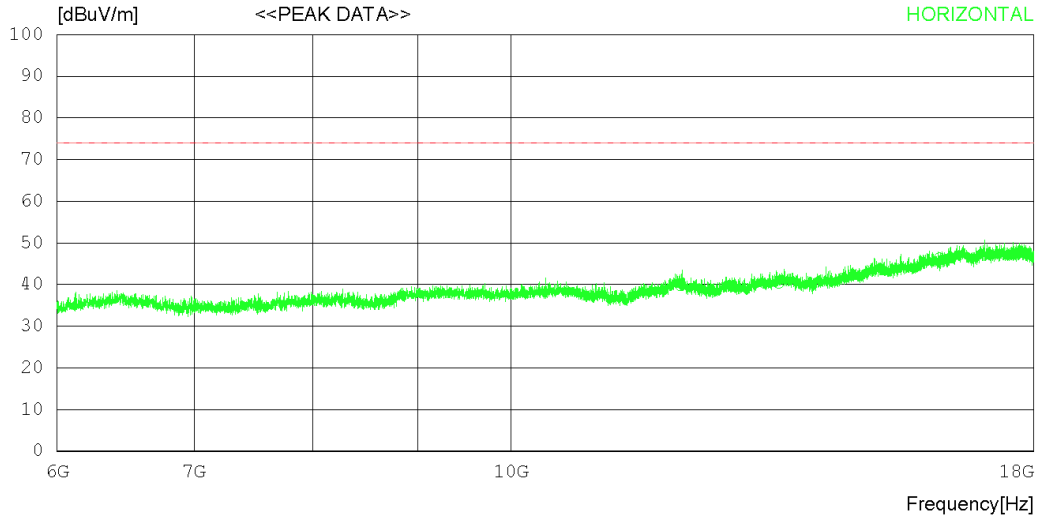
RADIATED EMISSION

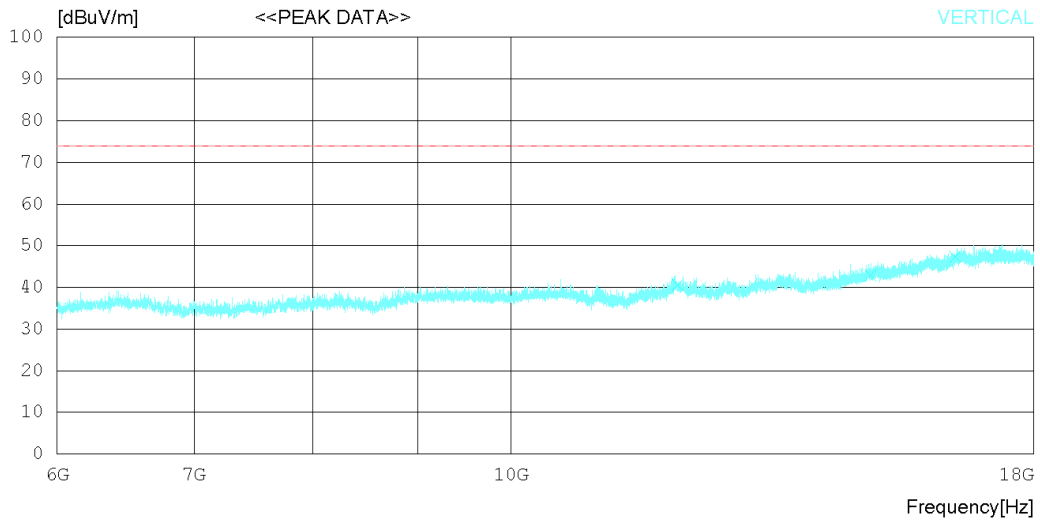
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 21 'C 44 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	21 'C 44 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	12096.000	28.50	33.47	15.61	37.83	39.75	74.0	34.25	213	358
2	13512.000	26.90	33.73	17.08	37.40	40.31	74.0	33.69	246	45
3	16185.000	27.30	36.63	18.76	36.29	46.40	74.0	27.6	117	358
----- Vertical ------										
4	12057.750	29.30	33.47	15.64	37.78	40.63	74.0	33.37	323	358
5	14978.250	26.50	35.42	18.01	37.03	42.90	74.0	31.1	112	115
6	16480.500	27.00	36.96	19.52	36.11	47.37	74.0	26.63	305	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

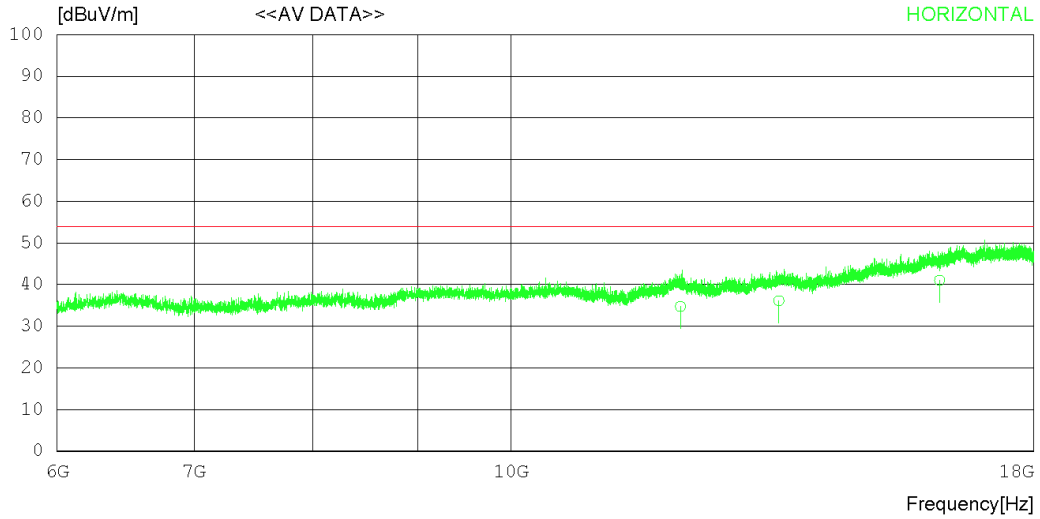
RADIATED EMISSION

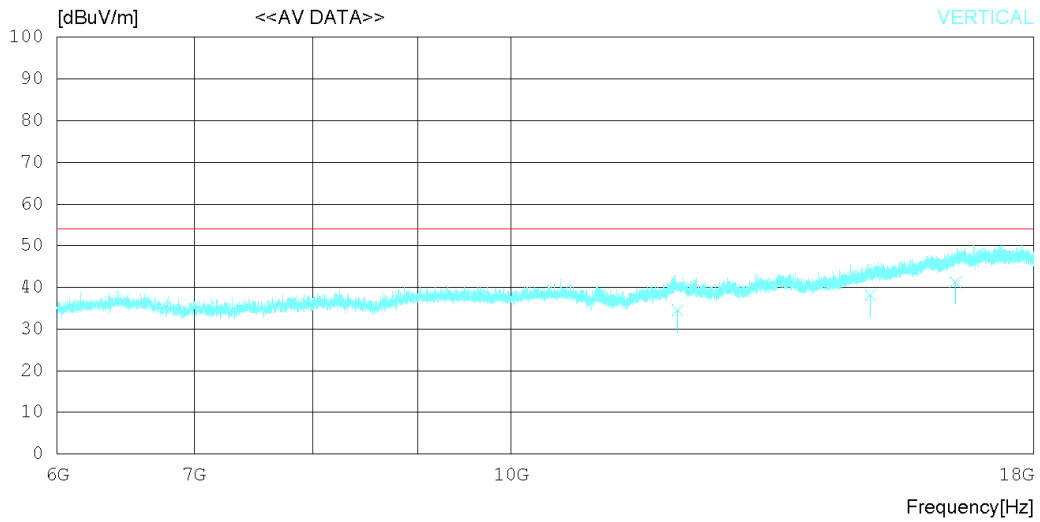
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 21 'C 44 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	21 'C 44 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	12096.01023.50	33.47	15.61	37.83	34.75	54.00	19.25	120	133	
2	13512.72022.71	33.73	17.08	37.40	36.12	54.00	17.88	223	78	
3	16185.32021.89	36.63	18.76	36.29	40.99	54.00	13.01	134	123	
----- Vertical ------										
4	12057.71023.20	33.47	15.64	37.78	34.53	54.00	19.47	120	113	
5	14978.25021.67	35.42	18.01	37.03	38.07	54.00	15.93	223	78	
6	16480.50020.86	36.96	19.52	36.11	41.23	54.00	12.77	273	245	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

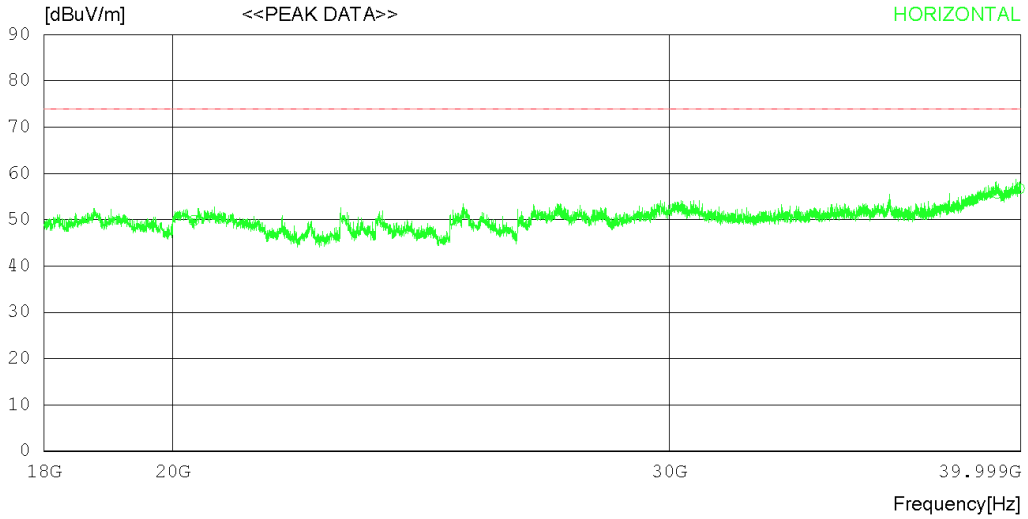
RADIATED EMISSION

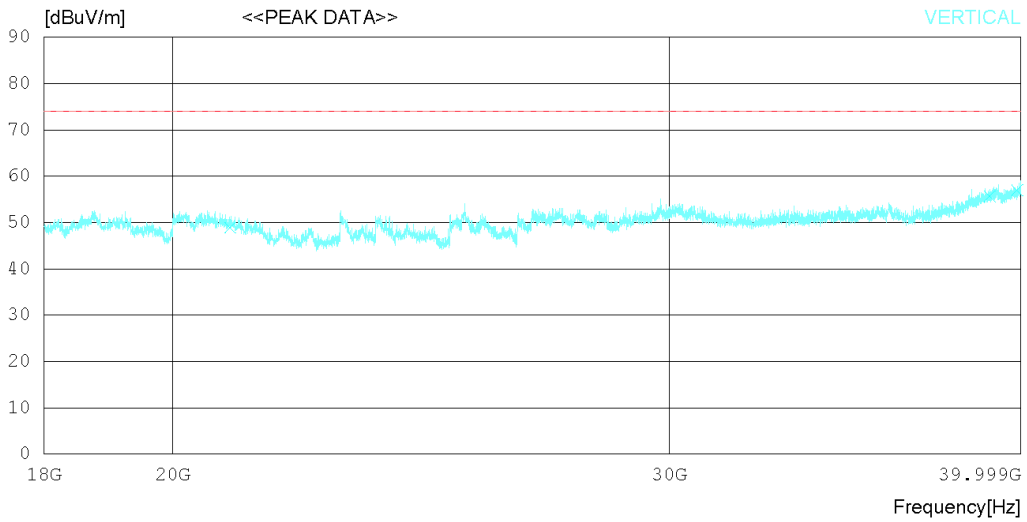
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	26 'C 44 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	20343.000	38.40	45.34	19.24	53.15	49.83	74.0	24.17	124	358
2	39232.750	34.60	47.93	25.44	52.24	55.73	74.0	18.27	358	17
3	39947.750	35.30	49.20	24.39	52.20	56.69	74.0	17.31	227	358
----- Vertical ------										
4	20959.000	36.30	45.60	20.44	53.43	48.91	74.0	25.09	353	340
5	38990.750	34.60	47.59	25.77	52.25	55.71	74.0	18.29	112	119
6	39879.000	35.60	49.06	24.49	52.21	56.94	74.0	17.06	350	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**1**	**EUT Operation mode**	**1**
Test voltage (V)	**Battery**	**Test Frequency (Hz)**	**-**
Ear-Mic	**Bujeon**	**Data cable**	**-**

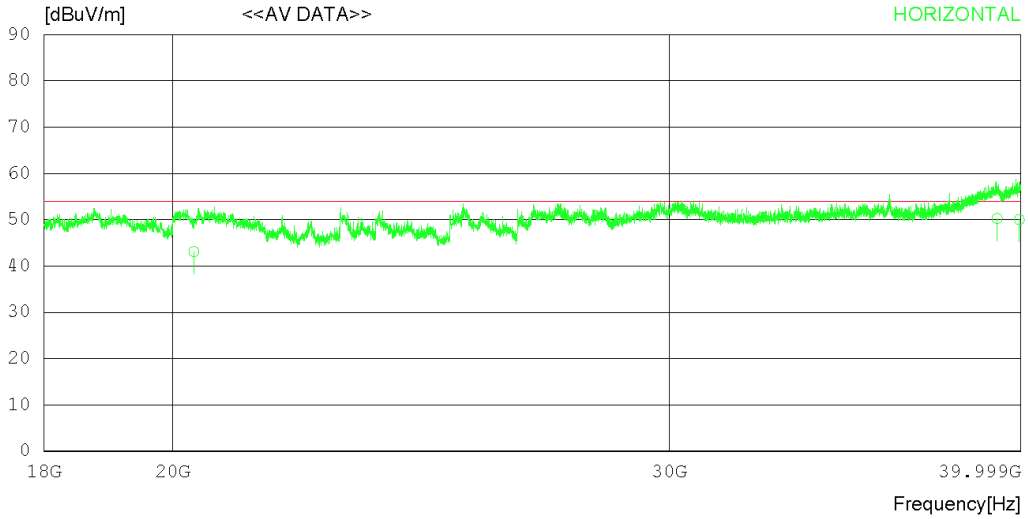
RADIATED EMISSION

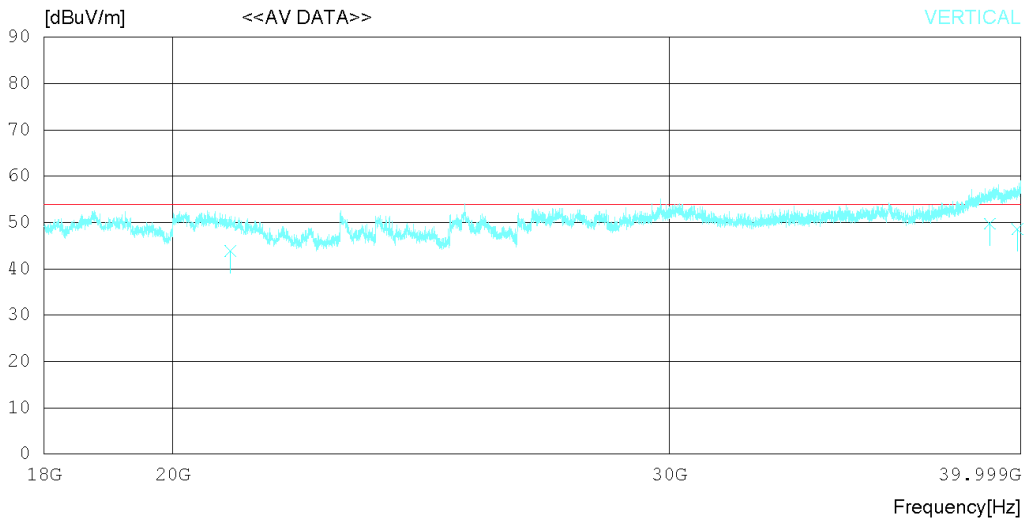
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply Battery
Temp/Humi 26 'C 44 % R.H.
Test Condition DISPLAY

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	Battery
Temp/Humi	26 'C 44 % R.H.
Test Condition	DISPLAY
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20343.12031.68	45.34	19.24	53.15	43.11	54.00	10.89	322	124	
2	39232.71029.12	47.93	25.44	52.24	50.25	54.00	3.75	273	235	
3	39947.62028.64	49.20	24.39	52.20	50.03	54.00	3.97	321	78	
----- Vertical ------										
4	20959.27031.26	45.60	20.44	53.43	43.87	54.00	10.13	223	134	
5	38990.11028.67	47.59	25.76	52.25	49.77	54.00	4.23	224	78	
6	39879.32027.23	49.06	24.49	52.21	48.57	54.00	5.43	372	205	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

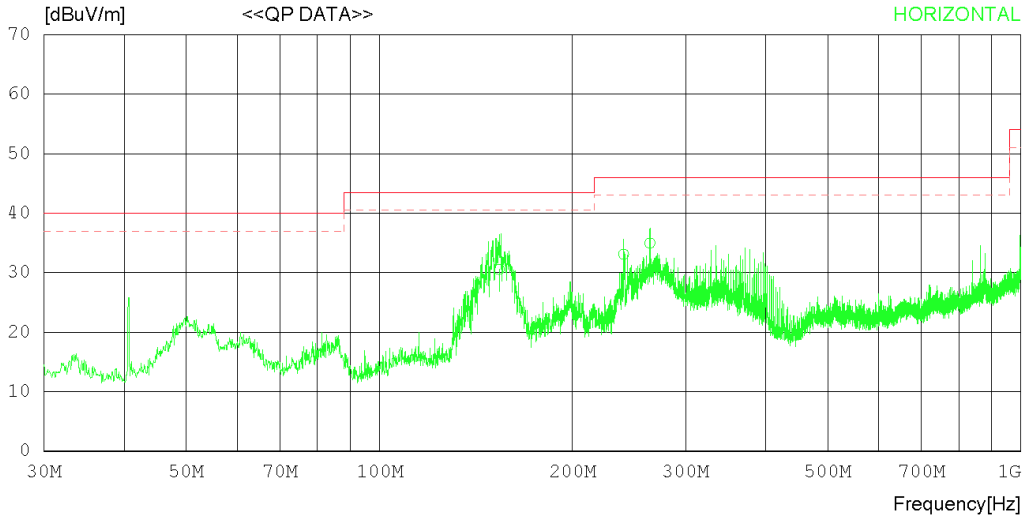
RADIATED EMISSION

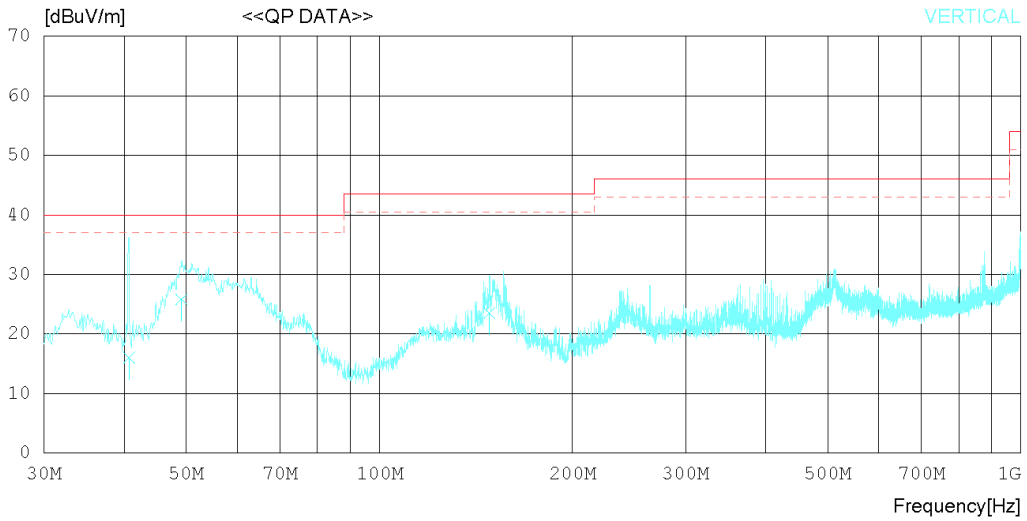
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

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





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

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	153.672	35.50	18.90	1.78	25.66	30.52	43.50	12.98	355	78
2	240.364	38.62	18.10	2.07	25.71	33.08	46.00	12.92	245	144
3	264.007	40.25	18.34	2.14	25.77	34.96	46.00	11.04	308	20
----- Vertical ------										
4	40.670	23.52	17.14	1.20	25.81	16.05	40.00	23.95	120	120
5	49.158	32.11	18.22	1.29	25.80	25.82	40.00	14.18	223	308
6	148.459	28.60	18.87	1.76	25.67	23.56	43.50	19.94	272	245

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

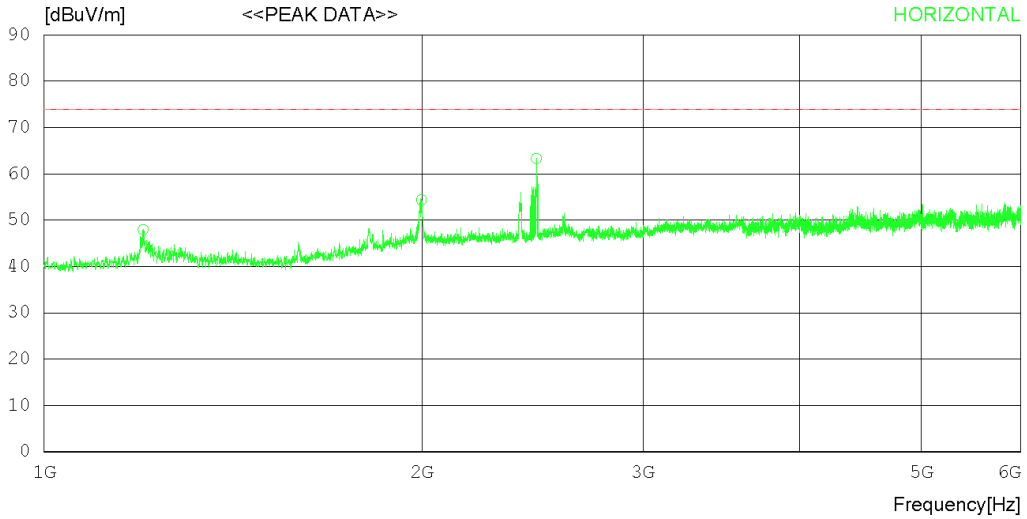
RADIATED EMISSION

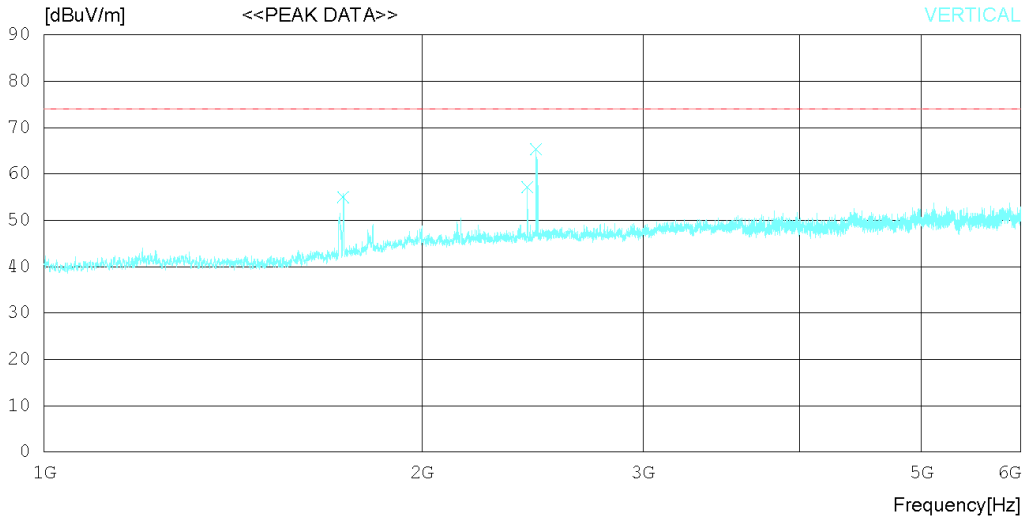
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1199.375	49.70	28.79	4.93	35.47	47.95	74.0	26.05	352	347
2	1998.125	50.80	31.60	6.32	34.34	54.38	74.0	19.62	287	8
3	2466.875	58.80	32.17	6.93	34.62	63.28	74.0	10.72	112	0
----- Vertical ------										
4	1730.625	54.60	29.37	5.71	34.72	54.96	74.0	19.04	325	0
5	2426.250	52.90	31.96	6.88	34.59	57.15	74.0	16.85	278	323
6	2465.625	60.90	32.16	6.93	34.61	65.38	74.0	8.62	112	0

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

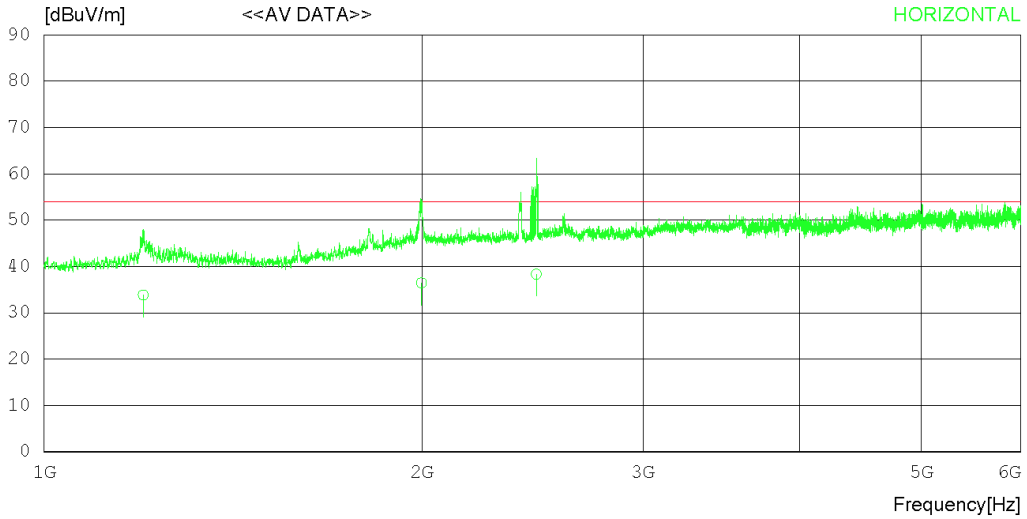
RADIATED EMISSION

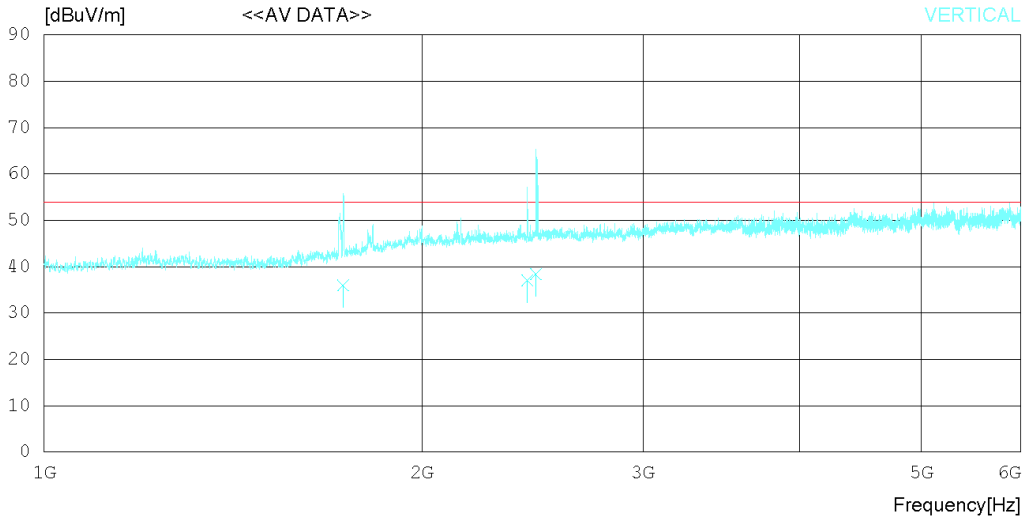
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1199.317	35.60	28.79	4.93	35.47	33.85	54.00	20.15	203	247
2	1998.132	32.88	31.60	6.32	34.34	36.46	54.00	17.54	224	114
3	2466.817	33.87	32.17	6.93	34.62	38.35	54.00	15.65	265	308
----- Vertical ------										
4	1730.420	35.60	29.37	5.71	34.72	35.96	54.00	18.04	120	308
5	2426.216	32.80	31.96	6.88	34.59	37.05	54.00	16.95	208	277
6	2465.332	33.90	32.16	6.93	34.61	38.38	54.00	15.62	243	135

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

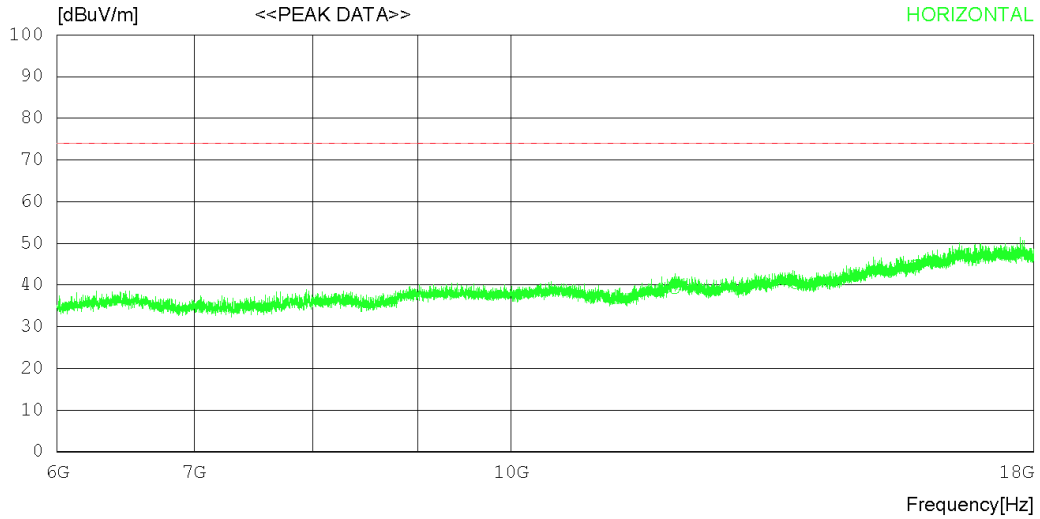
RADIATED EMISSION

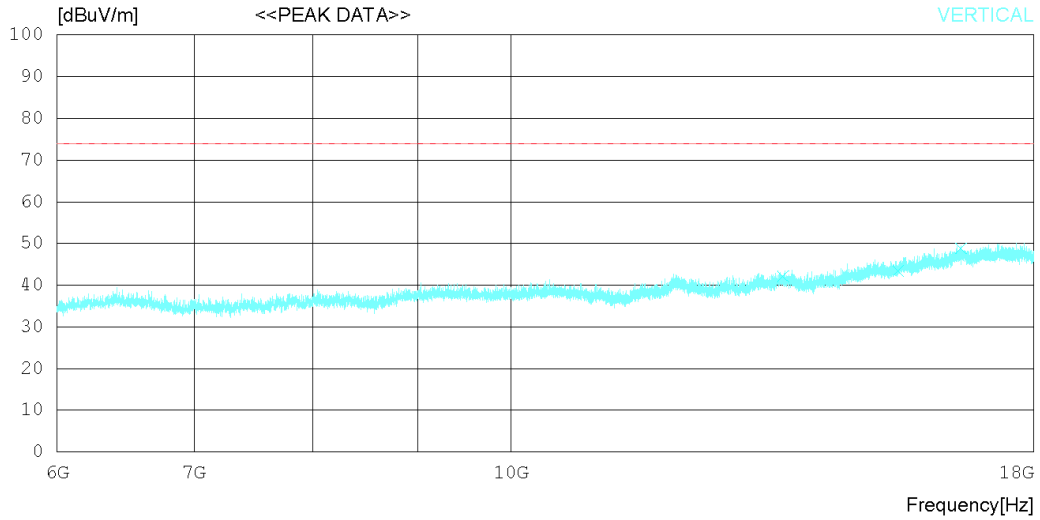
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	12017.250	27.70	33.46	15.66	37.72	39.10	74.0	34.9	342	358
2	13758.000	26.80	33.82	17.18	37.45	40.35	74.0	33.65	224	358
3	15750.000	26.40	36.18	18.70	36.50	44.78	74.0	29.22	112	142
----- Vertical ------										
4	13578.000	28.50	33.76	17.27	37.42	42.11	74.0	31.89	352	351
5	15451.500	25.80	35.89	18.41	36.64	43.46	74.0	30.54	224	358
6	16580.250	27.90	37.08	20.01	36.15	48.84	74.0	25.16	178	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

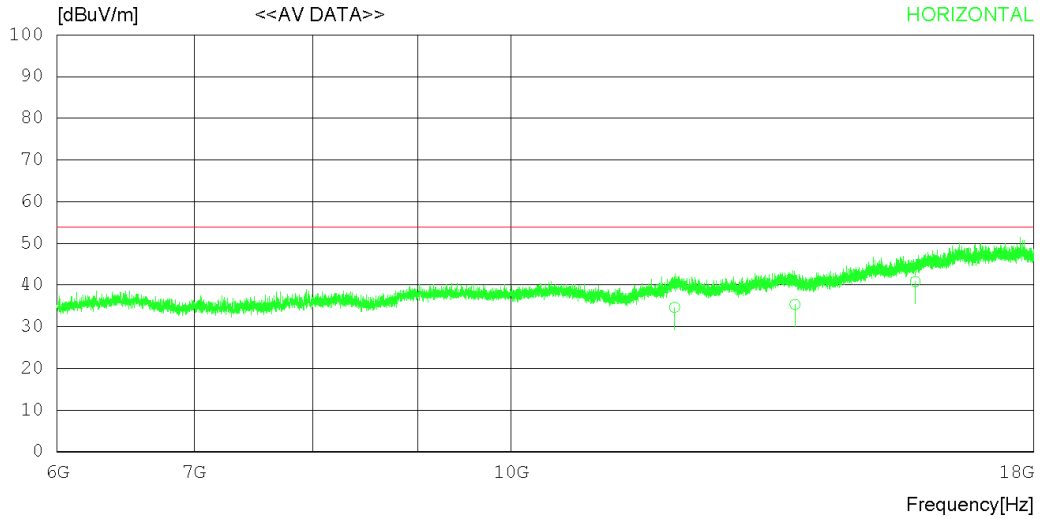
RADIATED EMISSION

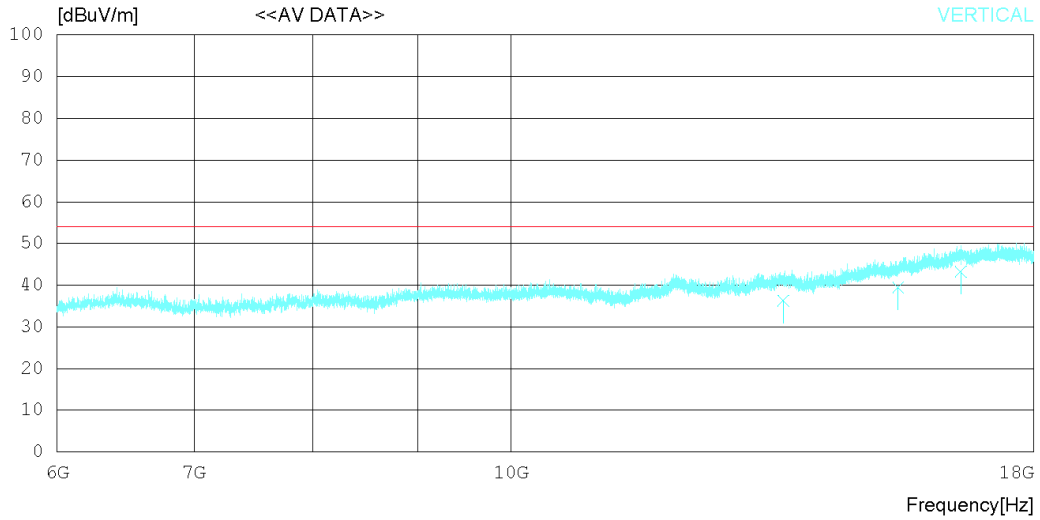
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	12017.21023.24	33.46	15.66	37.72	34.64	54.00	19.36	120	112	
2	13758.04021.78	33.82	17.18	37.45	35.33	54.00	18.67	234	322	
3	15750.42022.45	36.18	18.69	36.50	40.82	54.00	13.18	278	178	
----- Vertical ------										
4	13578.27022.67	33.76	17.27	37.42	36.28	54.00	17.72	302	120	
5	15451.53021.78	35.89	18.41	36.64	39.44	54.00	14.56	113	137	
6	16580.22022.34	37.08	20.01	36.15	43.28	54.00	10.72	205	234	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

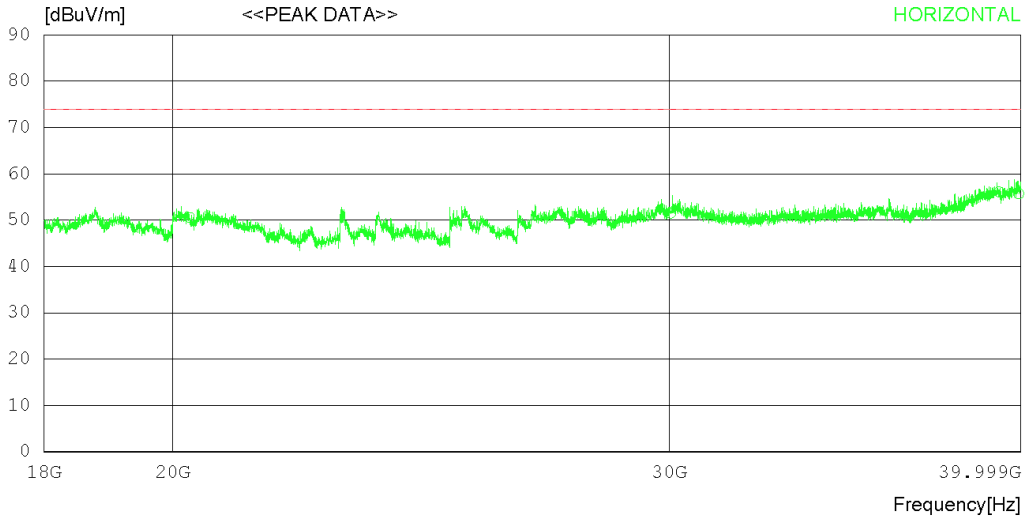
RADIATED EMISSION

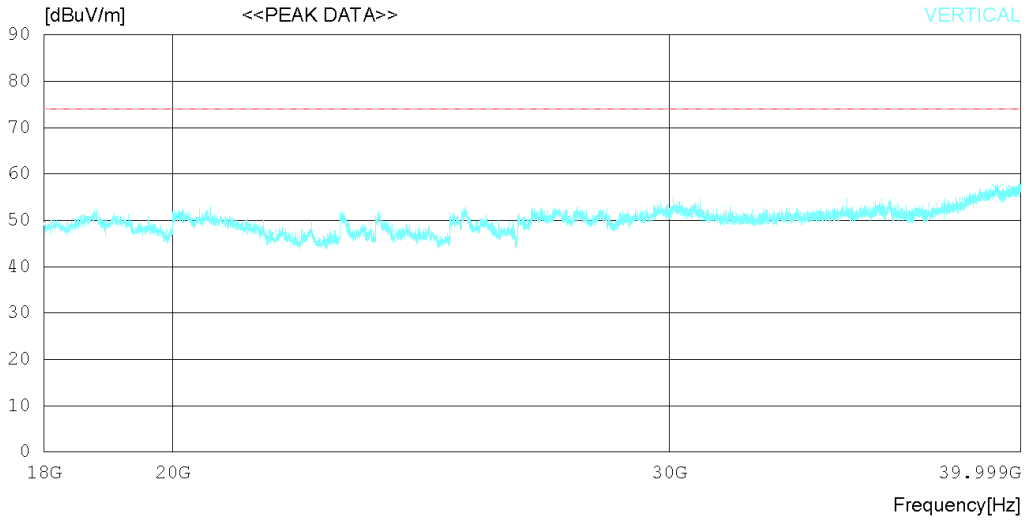
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	20271.500	39.30	45.30	19.10	53.12	50.58	74.0	23.42	243	210
2	30039.500	34.30	47.50	21.89	52.20	51.49	74.0	22.51	113	358
3	39287.750	35.00	47.99	25.36	52.24	56.11	74.0	17.89	353	247
4	39928.500	34.30	49.16	24.42	52.20	55.68	74.0	18.32	122	358
----- Vertical ------										
5	20079.000	39.70	45.28	18.73	53.04	50.67	74.0	23.33	243	0
6	39235.500	35.60	47.94	25.43	52.24	56.73	74.0	17.27	122	127
7	39780.000	35.10	48.86	24.63	52.21	56.38	74.0	17.62	145	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

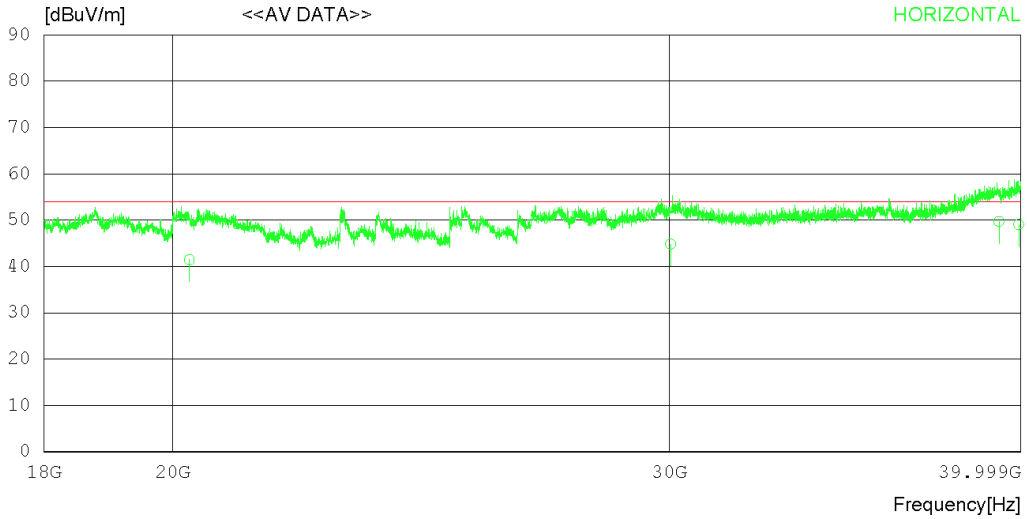
RADIATED EMISSION

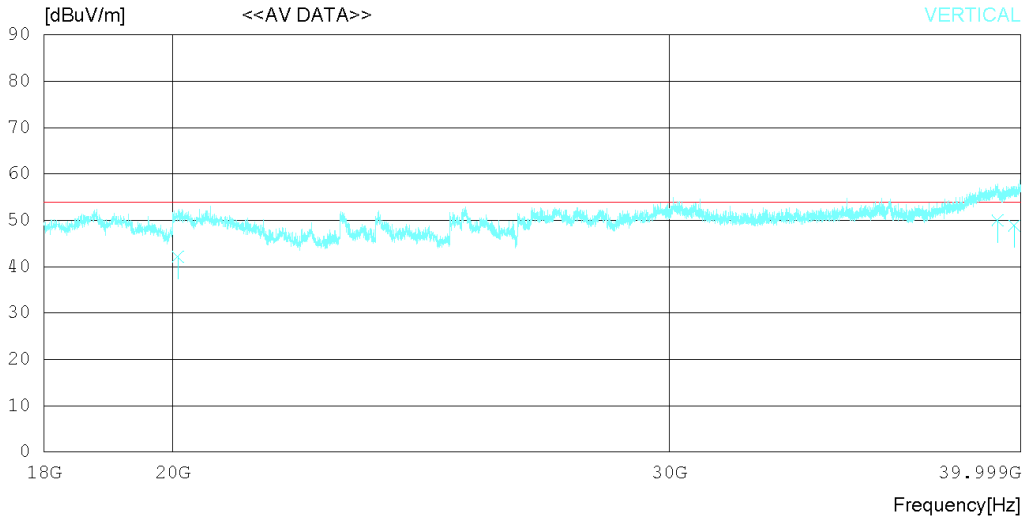
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20271.51030.20	45.30	19.10	53.12	41.48	54.00	12.52	243	127	
2	30039.54027.65	47.50	21.89	52.20	44.84	54.00	9.16	134	78	
3	39287.62028.62	47.99	25.36	52.24	49.73	54.00	4.27	223	43	
4	39928.52027.70	49.16	24.42	52.20	49.08	54.00	4.92	276	233	
----- Vertical ------										
5	20079.12031.20	45.28	18.73	53.04	42.17	54.00	11.83	276	120	
6	39235.52028.90	47.94	25.43	52.24	50.03	54.00	3.97	224	334	
7	39780.03027.60	48.86	24.63	52.21	48.88	54.00	5.12	352	276	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

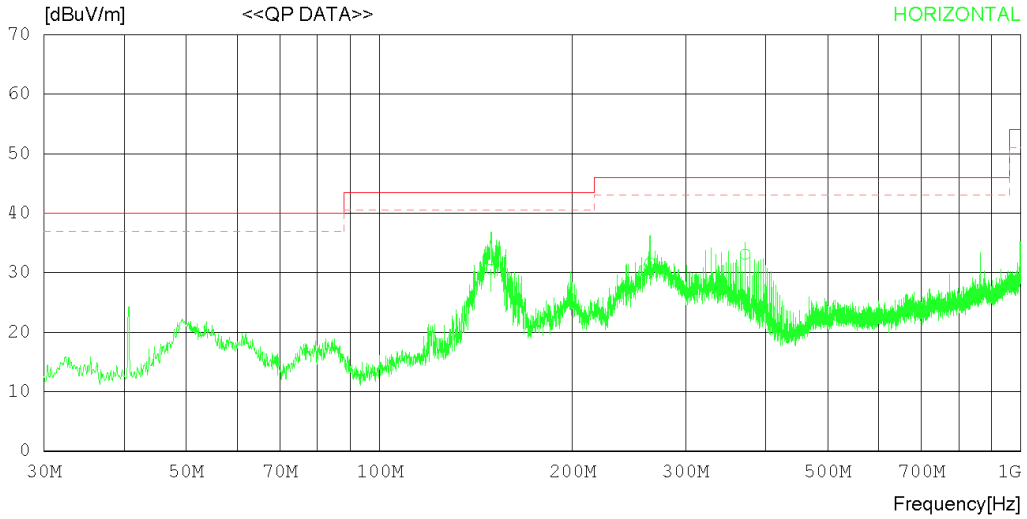
RADIATED EMISSION

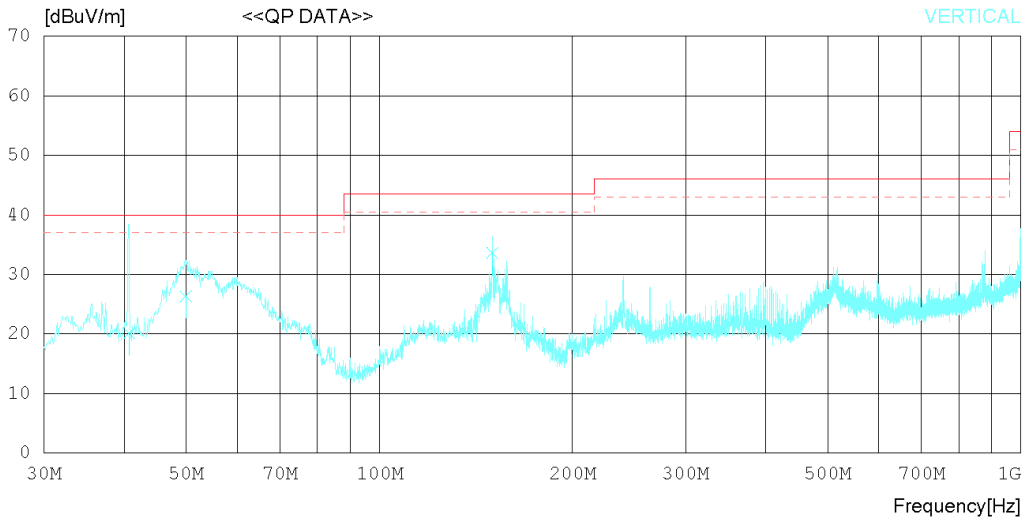
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

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





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

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	149.186	35.60	18.88	1.77	25.67	30.58	43.50	12.92	308	150
2	264.007	36.89	18.34	2.14	25.77	31.60	46.00	14.40	243	15
3	371.673	35.74	20.75	2.46	25.87	33.08	46.00	12.92	334	277
----- Vertical ------										
4	40.670	27.62	17.14	1.20	25.81	20.15	40.00	19.85	120	78
5	49.885	32.56	18.29	1.29	25.80	26.34	40.00	13.66	223	208
6	150.035	38.62	18.90	1.77	25.67	33.62	43.50	9.88	176	223

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

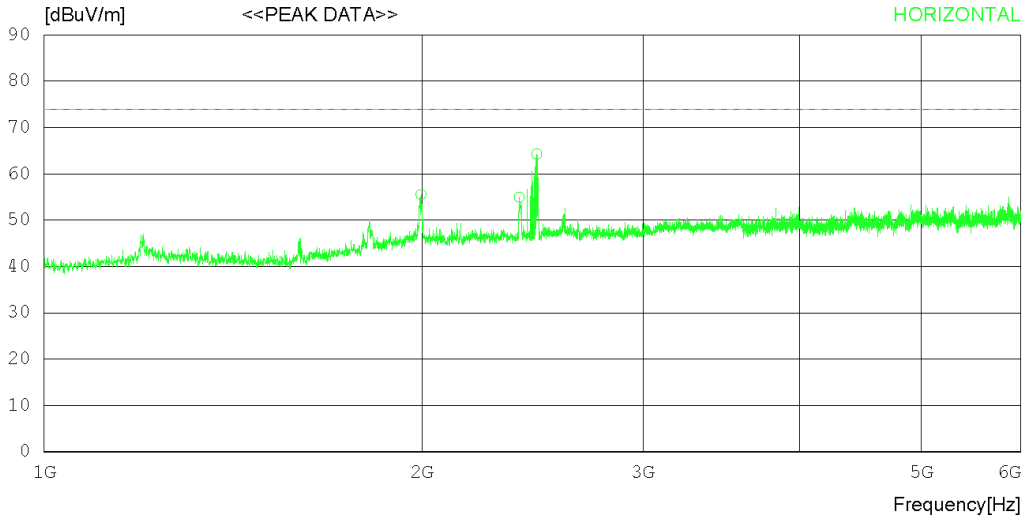
RADIATED EMISSION

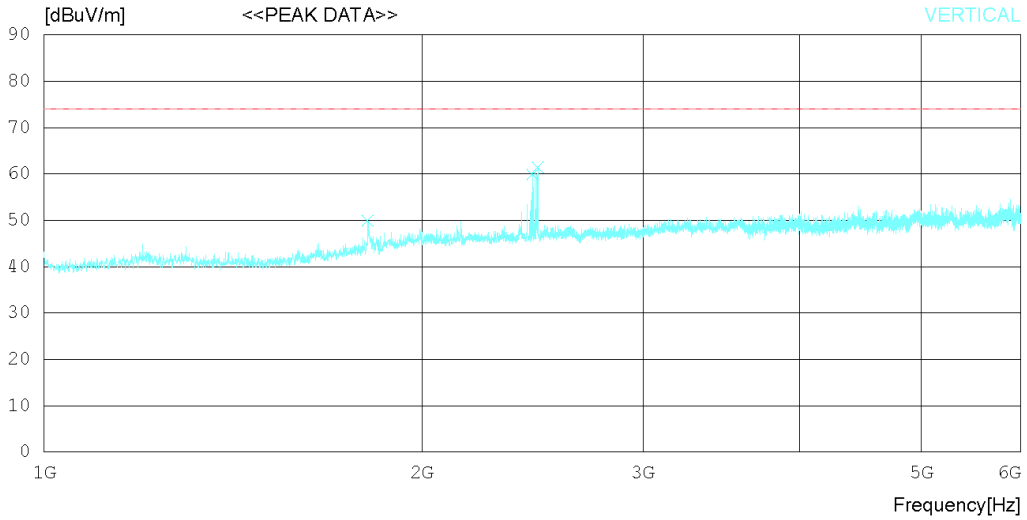
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1996.250	52.00	31.59	6.31	34.35	55.55	74.0	18.45	235	358
2	2390.625	50.90	31.78	6.85	34.57	54.96	74.0	19.04	172	0
3	2468.750	59.80	32.18	6.93	34.62	64.29	74.0	9.71	208	240
----- Vertical ------										
4	1811.250	48.20	30.45	5.88	34.61	49.92	74.0	24.08	256	358
5	2450.000	55.50	32.10	6.91	34.61	59.90	74.0	14.1	223	349
6	2474.375	56.90	32.20	6.93	34.62	61.41	74.0	12.59	308	352

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

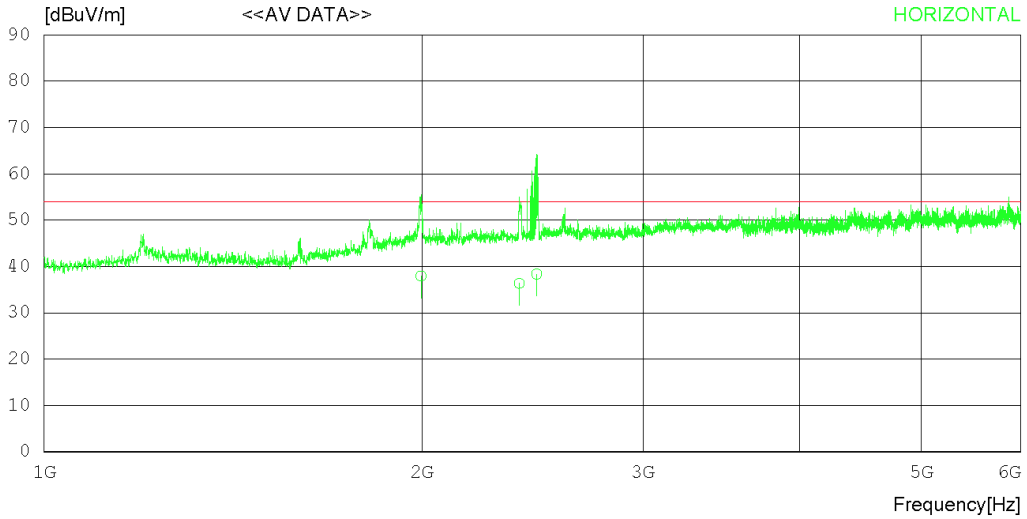
RADIATED EMISSION

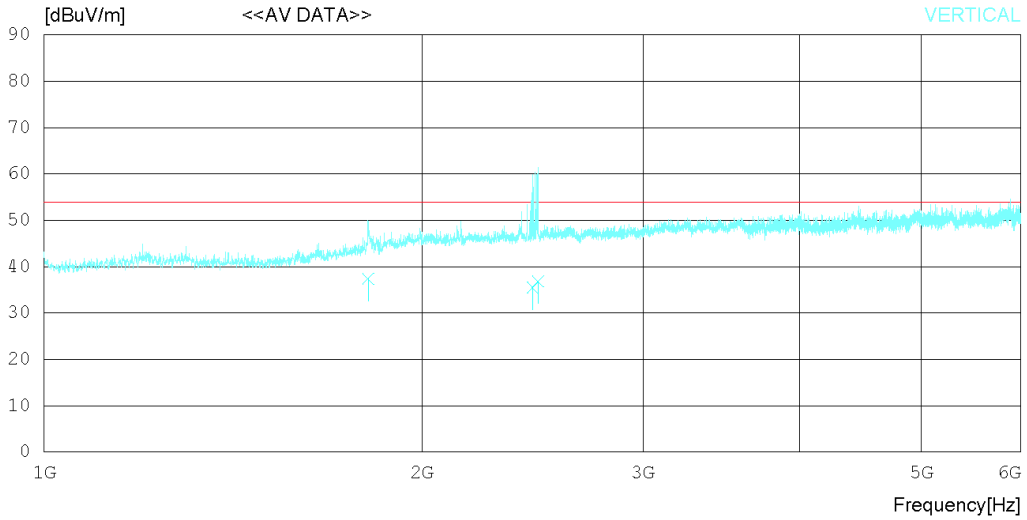
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1996.265	34.40	31.59	6.31	34.35	37.95	54.00	16.05	205	226
2	2390.884	32.30	31.78	6.85	34.57	36.36	54.00	17.64	243	78
3	2468.423	33.90	32.17	6.93	34.62	38.38	54.00	15.62	308	308
----- Vertical ------										
4	1811.530	35.70	30.45	5.88	34.61	37.42	54.00	16.58	324	120
5	2450.486	31.10	32.10	6.91	34.61	35.50	54.00	18.50	227	192
6	2474.143	32.30	32.20	6.93	34.62	36.81	54.00	17.19	205	125

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

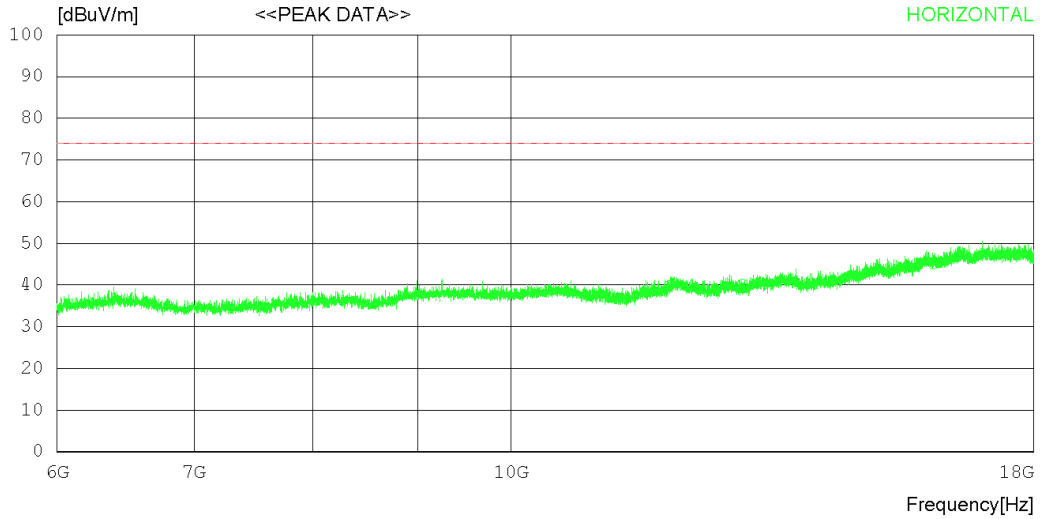
RADIATED EMISSION

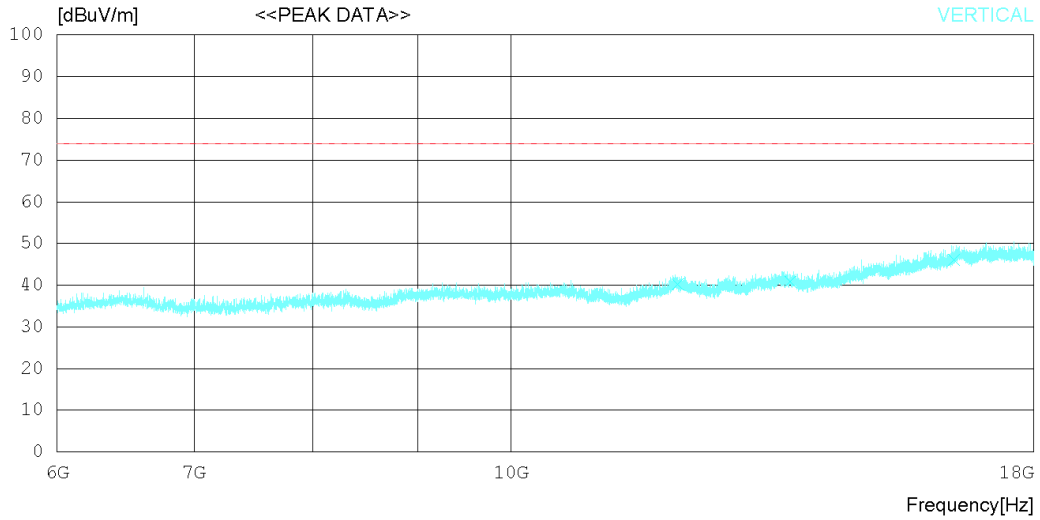
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	11949.750	28.70	33.41	15.58	37.77	39.92	74.0	34.08	343	311
2	12968.250	28.20	33.55	16.33	37.93	40.15	74.0	33.85	242	358
3	16080.750	25.90	36.51	18.92	36.35	44.98	74.0	29.02	337	358
----- Vertical ------										
4	12062.250	28.90	33.47	15.63	37.79	40.21	74.0	33.79	222	66
5	13686.750	27.20	33.80	17.25	37.44	40.81	74.0	33.19	124	358
6	16452.750	25.90	36.93	19.38	36.13	46.08	74.0	27.92	342	80

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

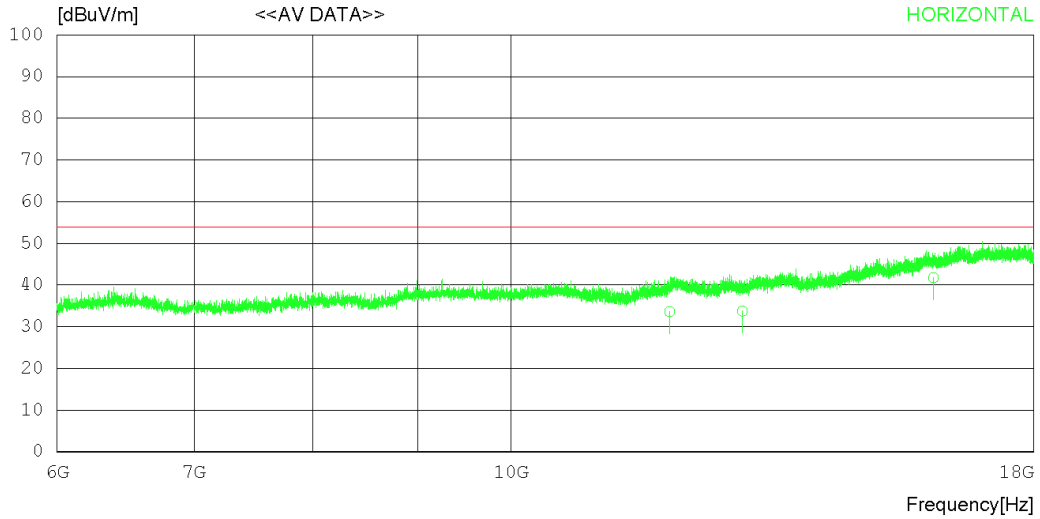
RADIATED EMISSION

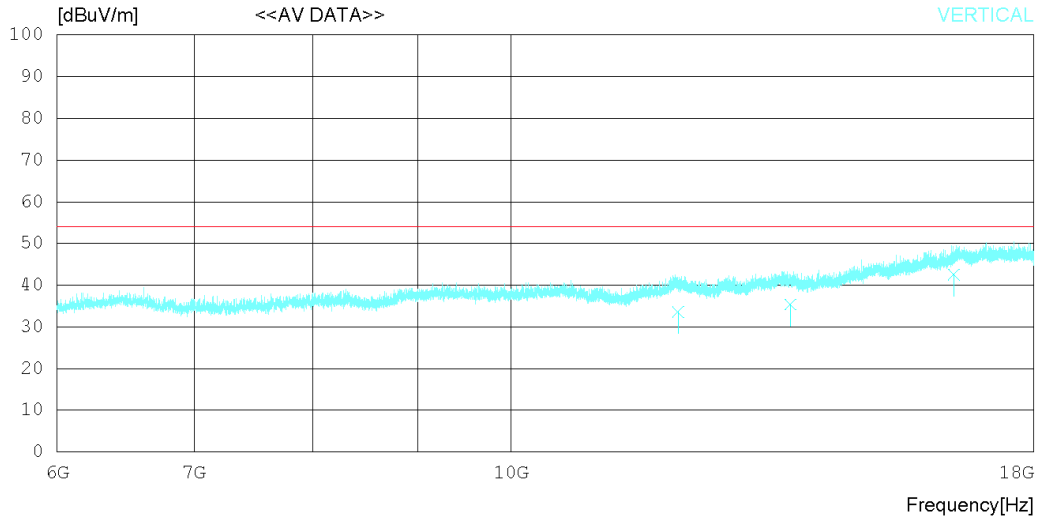
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	11949.11022.36	33.41	15.58	37.77	33.58	54.00	20.42	120	78	
2	12968.22021.78	33.55	16.33	37.93	33.73	54.00	20.27	223	112	
3	16080.34022.66	36.51	18.92	36.35	41.74	54.00	12.26	322	305	
----- Vertical ------										
4	12062.21022.35	33.47	15.63	37.79	33.66	54.00	20.35	120	162	
5	13686.74021.78	33.80	17.25	37.44	35.39	54.00	18.61	234	223	
6	16452.31022.36	36.93	19.38	36.13	42.54	54.00	11.46	277	124	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

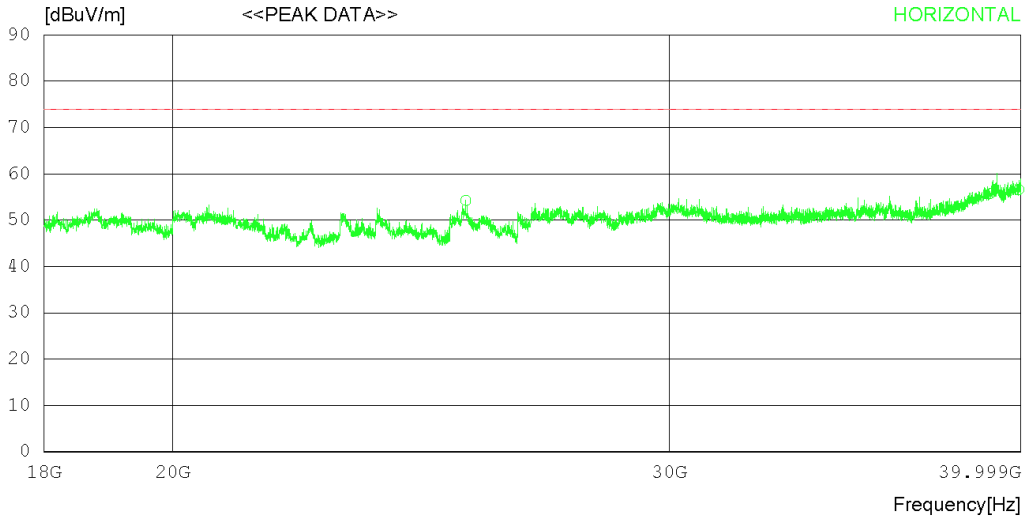
RADIATED EMISSION

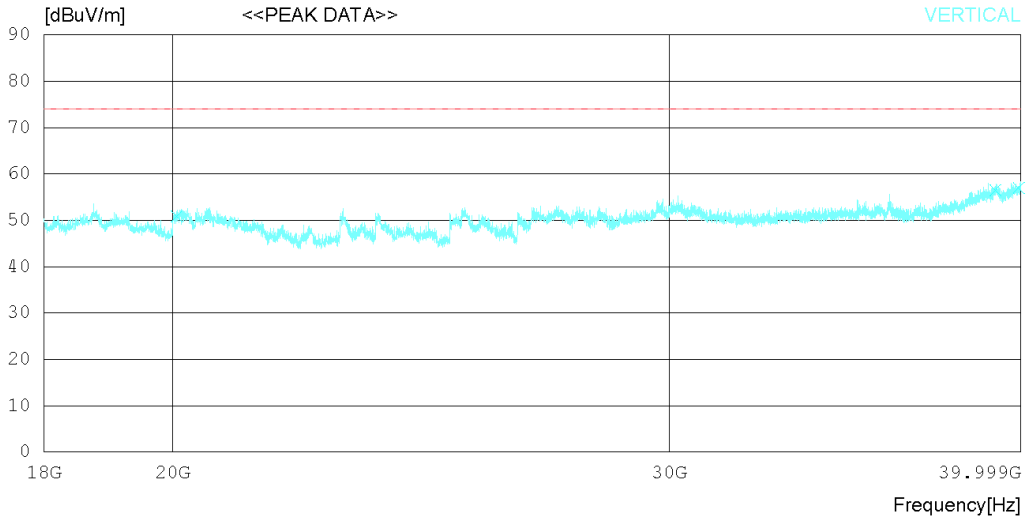
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	25405.750	41.30	45.71	20.91	53.68	54.24	74.0	19.76	131	175
2	39004.500	34.60	47.60	25.78	52.25	55.73	74.0	18.27	243	161
3	39931.250	35.20	49.16	24.41	52.20	56.57	74.0	17.43	352	358
----- Vertical ------										
4	20062.500	39.90	45.26	18.71	53.03	50.84	74.0	23.16	124	182
5	39177.750	35.40	47.86	25.52	52.24	56.54	74.0	17.46	235	295
6	39934.000	35.60	49.17	24.41	52.20	56.98	74.0	17.02	272	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**2**	**EUT Operation mode**	**2**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

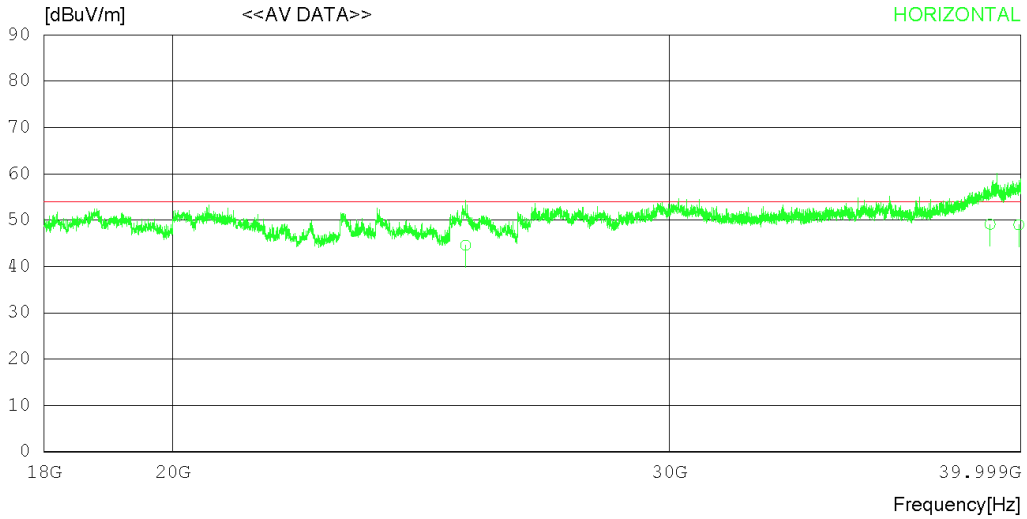
RADIATED EMISSION

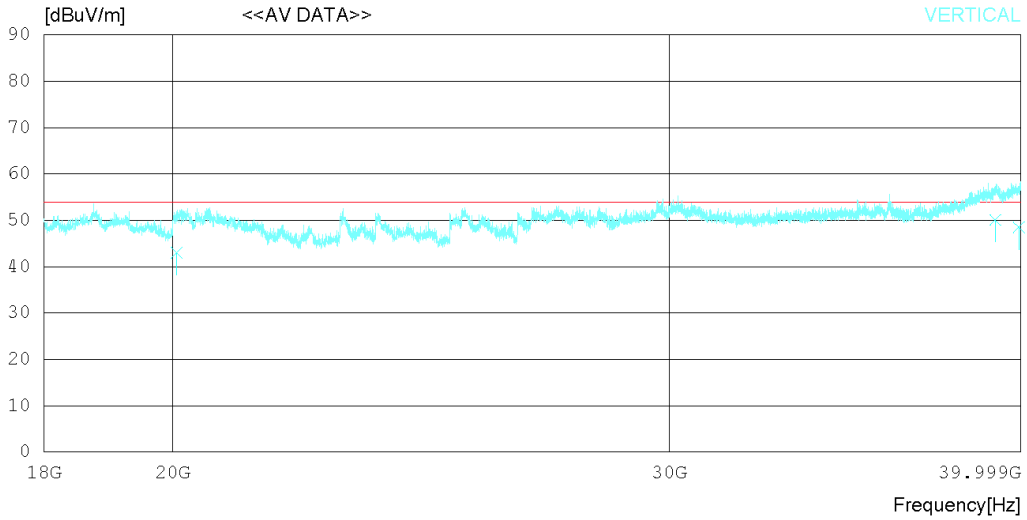
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	25405.16031.63	45.71	20.91	53.68	44.57	54.00	9.43	223	12	
2	39004.57027.96	47.60	25.78	52.25	49.09	54.00	4.91	243	273	
3	39931.21027.61	49.16	24.41	52.20	48.98	54.00	5.02	372	331	
----- Vertical ------										
4	20062.12032.11	45.26	18.70	53.03	43.04	54.00	10.96	120	124	
5	39177.61028.96	47.86	25.52	52.24	50.10	54.00	3.90	342	159	
6	39934.22027.12	49.17	24.41	52.20	48.50	54.00	5.50	117	225	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

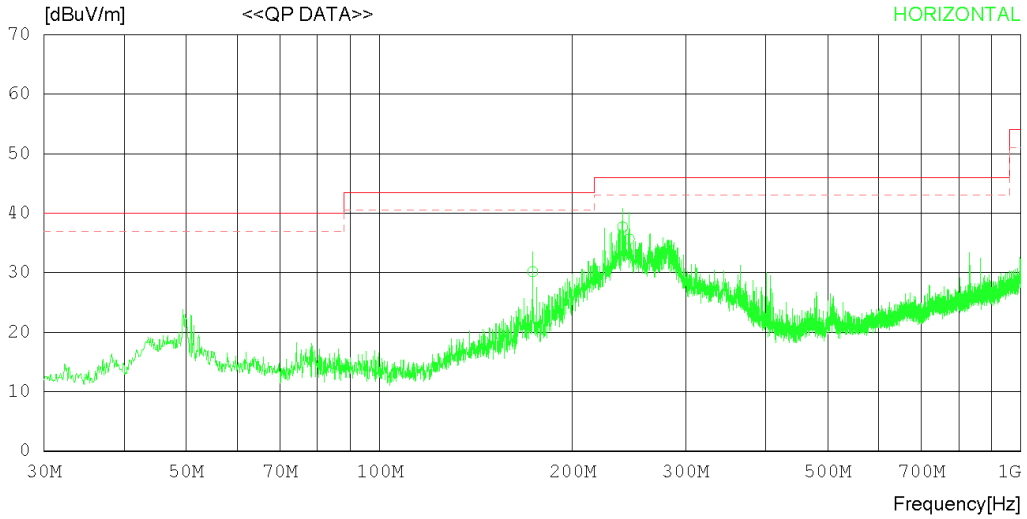
RADIATED EMISSION

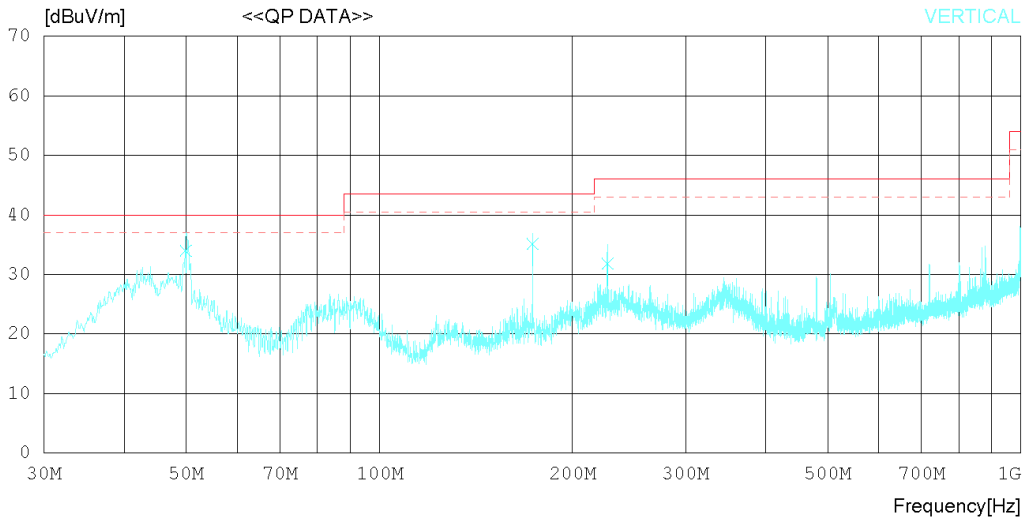
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 24 'C 46 % R.H.
Test Condition DATA COMMUNICATION.

Memo luxshare+cresyn+DS

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





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	24 'C 46 % R.H.
Test Condition	DATA COMMUNICATION.
Memo	luxshare+cresyn+DS

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	173.314	36.23	17.74	1.81	25.64	30.14	43.50	13.36	223	146
2	239.394	43.22	18.06	2.07	25.71	37.64	46.00	8.36	276	78
3	245.092	41.23	18.05	2.09	25.73	35.64	46.00	10.36	126	322
----- Vertical ------										
4	49.885	40.23	18.29	1.29	25.80	34.01	40.00	5.99	100	1
5	173.314	41.23	17.74	1.81	25.64	35.14	43.50	8.36	100	79
6	226.663	38.23	17.23	2.03	25.67	31.82	46.00	14.18	100	1

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

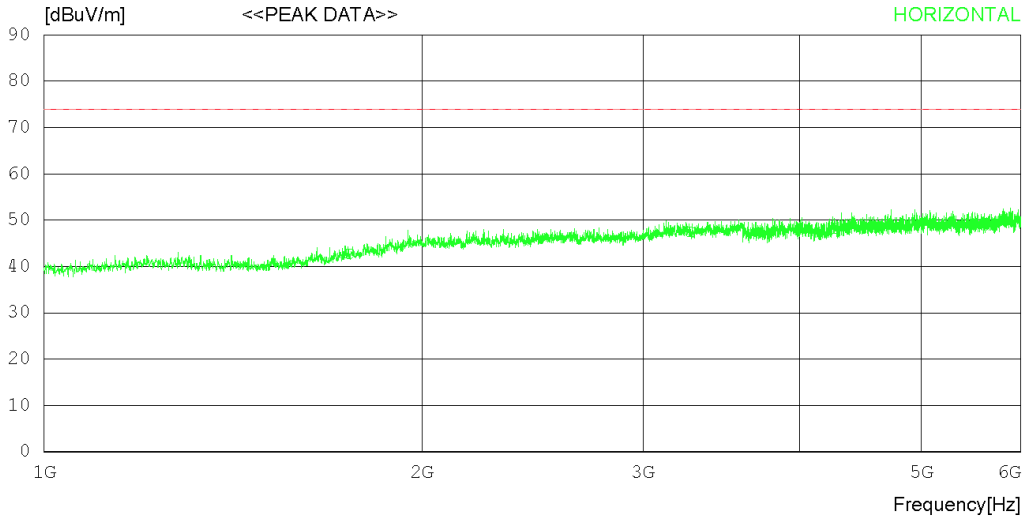
RADIATED EMISSION

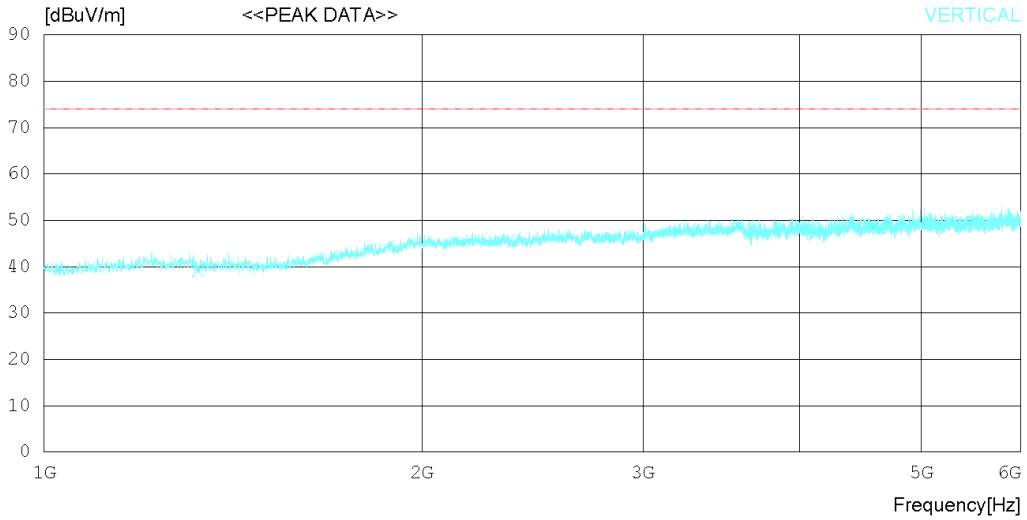
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 45 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 45 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1749.375	42.10	29.59	5.75	34.69	42.75	74.0	31.25	323	248
2	3270.625	41.00	32.96	8.06	34.55	47.47	74.0	26.53	112	0
3	4260.625	38.80	33.52	9.74	33.88	48.18	74.0	25.82	250	253
----- Vertical ------										
4	1326.875	40.90	28.37	5.09	35.29	39.07	74.0	34.93	142	358
5	3568.125	41.50	33.12	8.47	34.14	48.95	74.0	25.05	232	358
6	4576.250	38.60	33.95	10.29	34.30	48.54	74.0	25.46	112	358

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

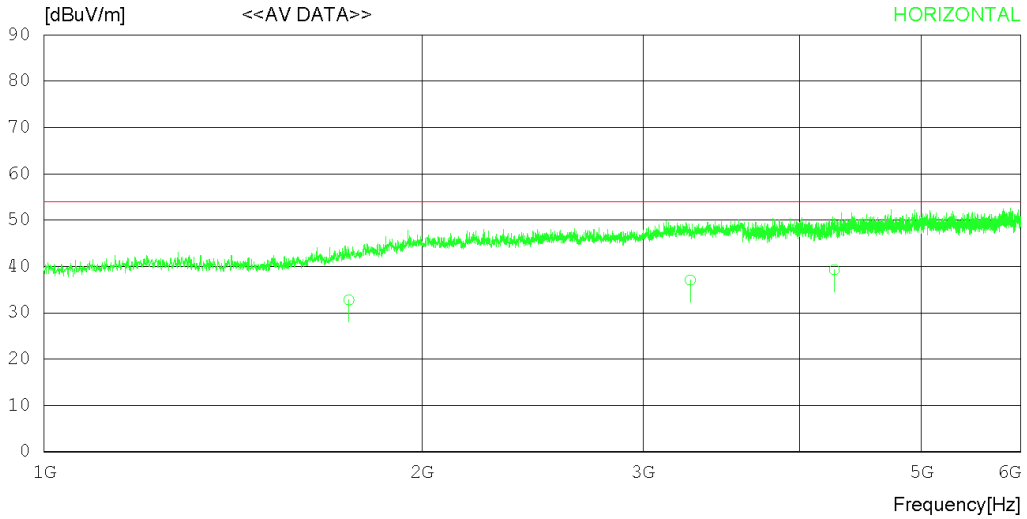
RADIATED EMISSION

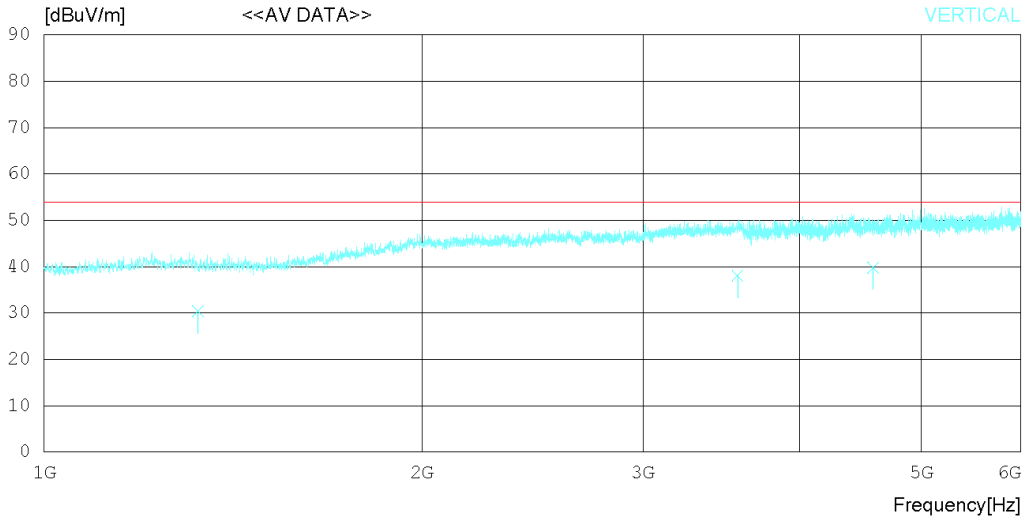
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 45 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 45 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1749.311	32.10	29.59	5.75	34.69	32.75	54.00	21.25	120	248
2	3270.623	30.60	32.96	8.06	34.55	37.07	54.00	16.93	208	206
3	4260.623	29.90	33.52	9.74	33.88	39.28	54.00	14.72	337	277
----- Vertical ------										
4	1326.112	32.20	28.38	5.09	35.29	30.38	54.00	23.62	131	120
5	3568.127	30.60	33.12	8.47	34.14	38.05	54.00	15.95	277	134
6	4576.231	29.90	33.95	10.29	34.30	39.84	54.00	14.16	336	208

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

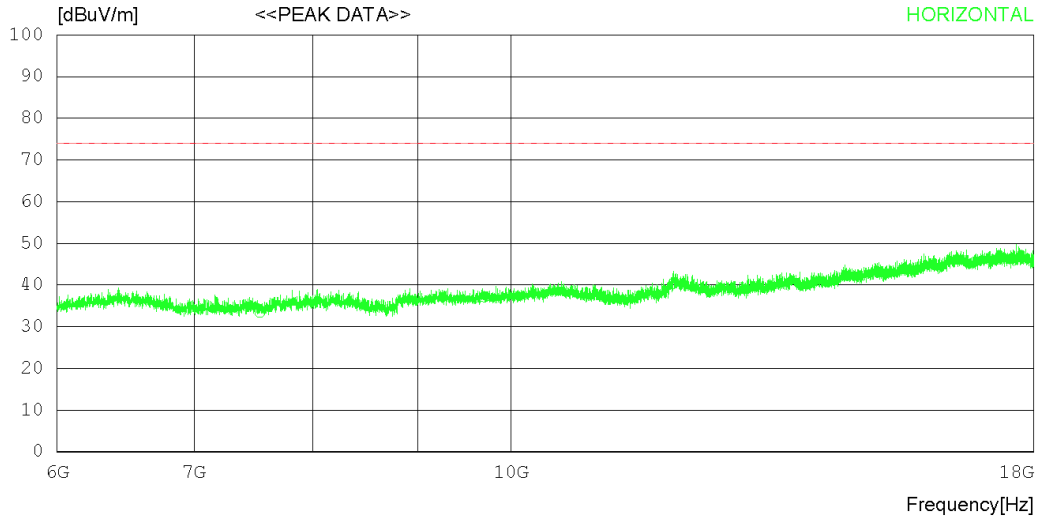
RADIATED EMISSION

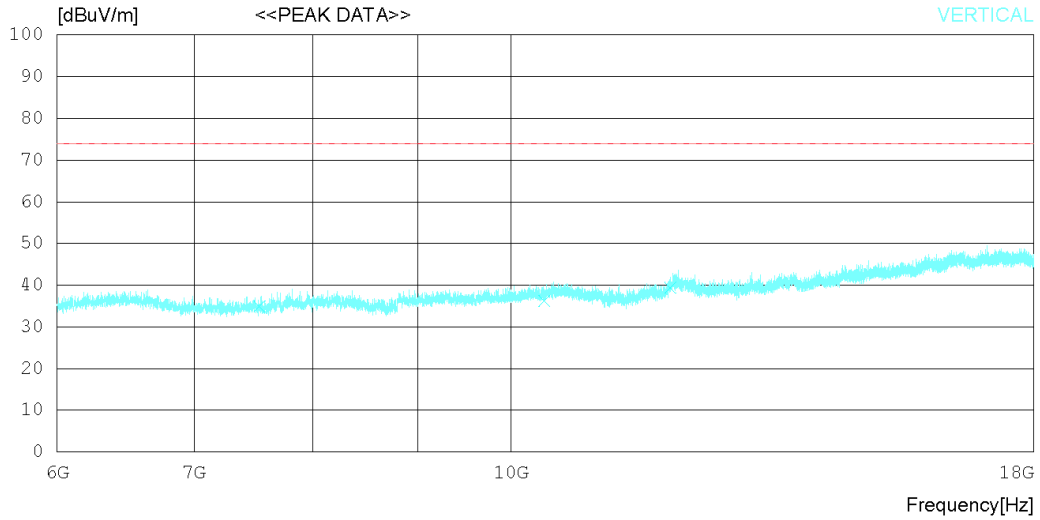
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	7537.500	28.40	31.37	11.91	38.28	33.40	74.0	40.6	234	345
2	9700.500	29.20	32.42	14.22	38.70	37.14	74.0	36.86	112	358
3	11999.250	28.90	33.46	15.68	37.66	40.38	74.0	33.62	272	358
----- Vertical ------										
4	7534.500	29.90	31.37	11.91	38.28	34.90	74.0	39.1	353	83
5	10375.500	27.30	32.50	14.52	38.08	36.24	74.0	37.76	321	18
6	11957.250	28.10	33.42	15.60	37.73	39.39	74.0	34.61	222	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

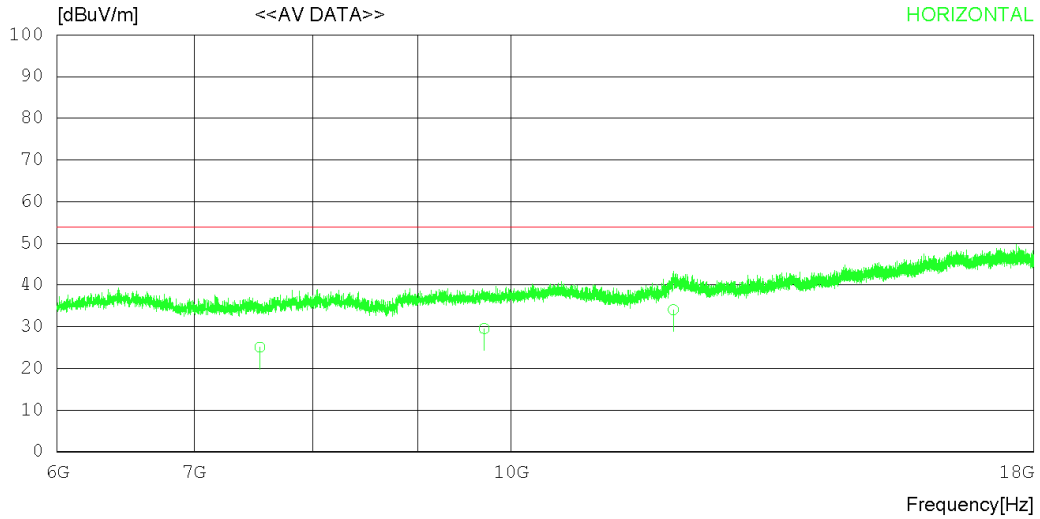
RADIATED EMISSION

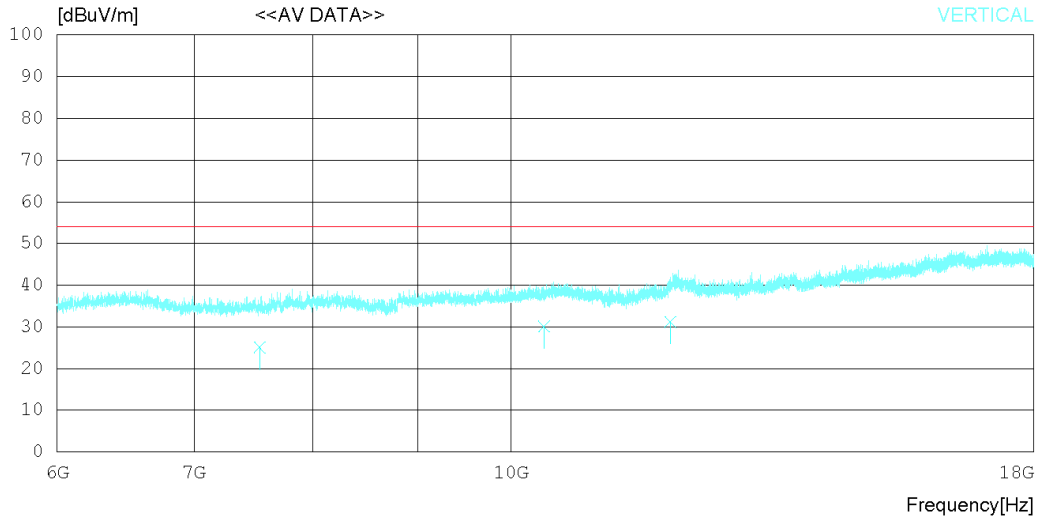
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	7537.544	20.10	31.37	11.91	38.28	25.10	54.00	28.90	124	154
2	9700.516	21.60	32.42	14.22	38.70	29.54	54.00	24.46	308	223
3	11999.160	22.60	33.46	15.68	37.66	34.08	54.00	19.92	113	127
----- Vertical ------										
4	7534.440	20.10	31.37	11.91	38.28	25.10	54.00	28.90	120	133
5	10375.520	21.20	32.50	14.52	38.08	30.14	54.00	23.86	227	227
6	11957.110	19.90	33.41	15.60	37.73	31.18	54.00	22.82	308	144

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

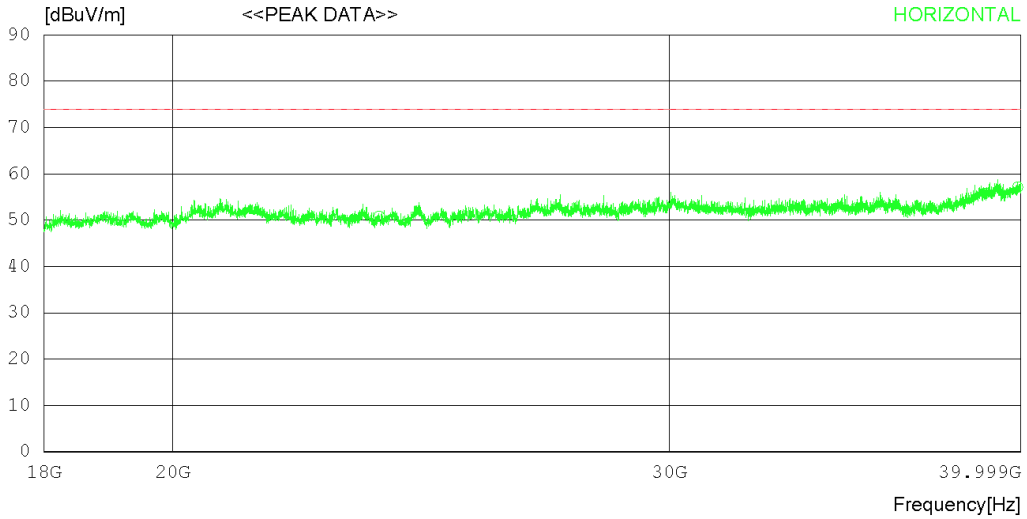
RADIATED EMISSION

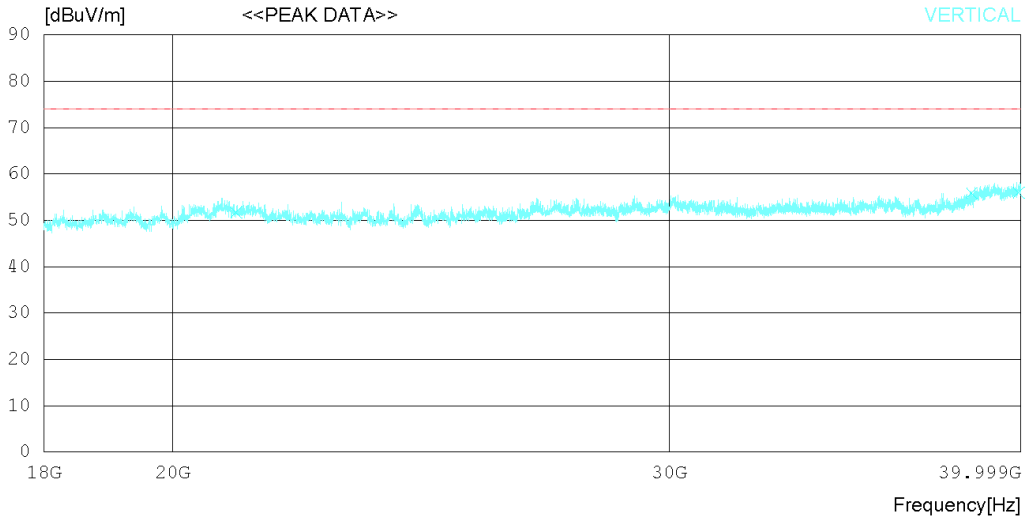
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	23673.250	39.30	45.30	20.34	54.07	50.87	74.0	23.13	243	281
2	38850.500	35.10	47.40	25.60	52.26	55.84	74.0	18.16	112	213
3	39895.500	35.80	49.09	24.47	52.21	57.15	74.0	16.85	305	358
----- Vertical ------										
4	21060.750	39.10	45.60	20.48	53.48	51.70	74.0	22.3	112	0
5	38429.750	36.40	46.69	25.09	52.28	55.90	74.0	18.1	243	0
6	39931.250	34.60	49.16	24.41	52.20	55.97	74.0	18.03	337	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**Luxshare**

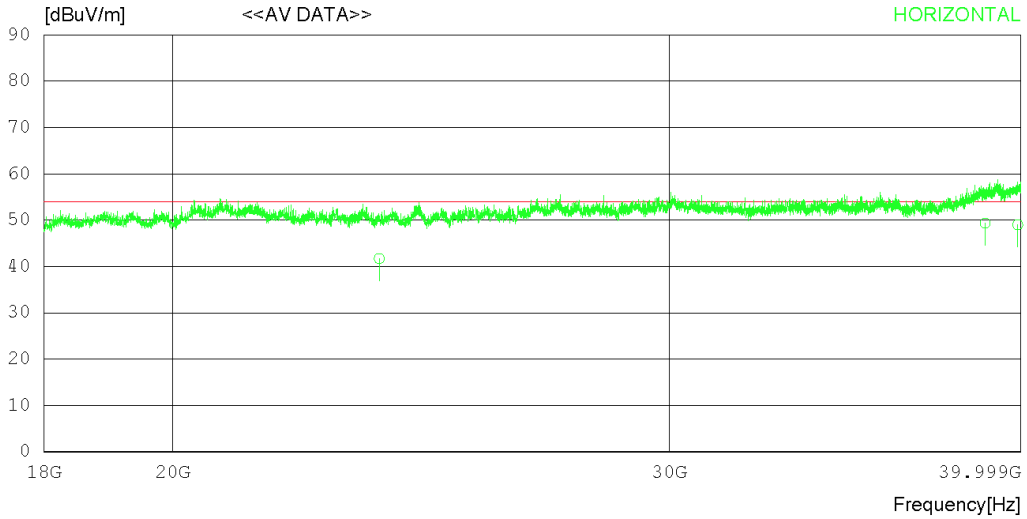
RADIATED EMISSION

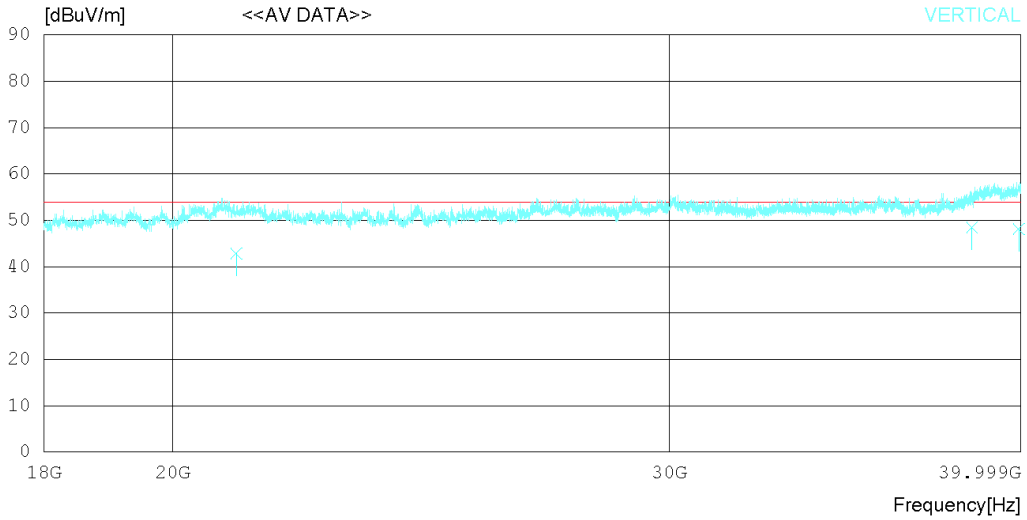
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+cresyn+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	23673.120	30.12	45.30	20.34	54.07	41.69	54.00	12.31	324	247
2	38850.240	28.62	47.40	25.60	52.26	49.36	54.00	4.64	232	113
3	39895.540	27.62	49.09	24.47	52.21	48.97	54.00	5.03	330	220
----- Vertical ------										
4	21060.240	30.22	45.60	20.48	53.48	42.82	54.00	11.18	273	302
5	38429.110	28.96	46.69	25.09	52.28	48.46	54.00	5.54	223	242
6	39931.230	26.78	49.16	24.41	52.20	48.15	54.00	5.85	227	137

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

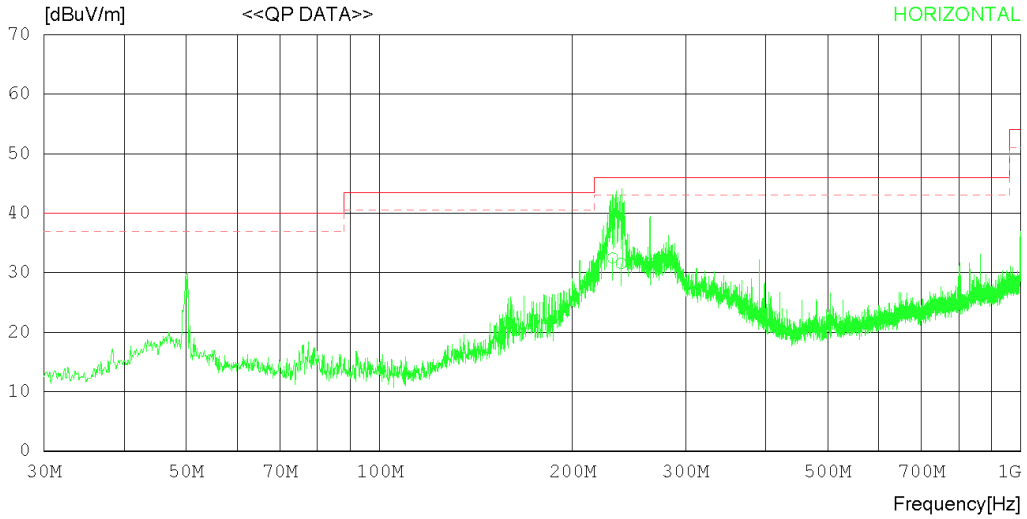
RADIATED EMISSION

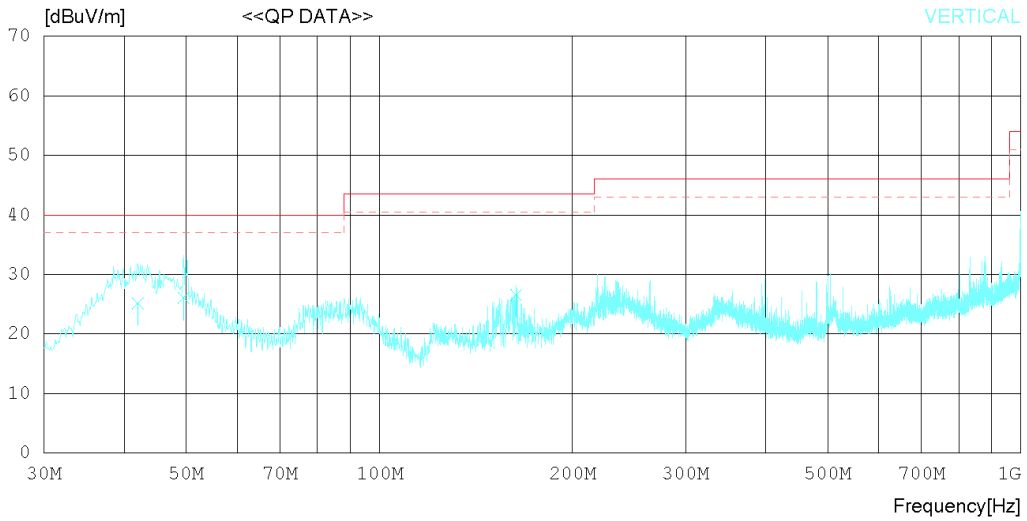
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 24 'C 46 % R.H.
Test Condition DATA COMMUNICATION.

Memo luxshare+bujeon+DS

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





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	24 'C 46 % R.H.
Test Condition	DATA COMMUNICATION.
Memo	luxshare+bujeon+DS

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	231.028	38.63	17.47	2.04	25.69	32.45	46.00	13.55	120	127
2	238.060	37.23	17.96	2.06	25.71	31.54	46.00	14.46	223	262
3	264.007	36.88	18.34	2.14	25.77	31.59	46.00	14.41	273	331
----- Vertical ------										
4	42.004	32.24	17.50	1.22	25.81	25.15	40.00	14.85	120	78
5	49.521	32.33	18.25	1.29	25.80	26.07	40.00	13.93	223	124
6	163.493	31.78	18.62	1.78	25.65	26.53	43.50	16.97	327	230

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

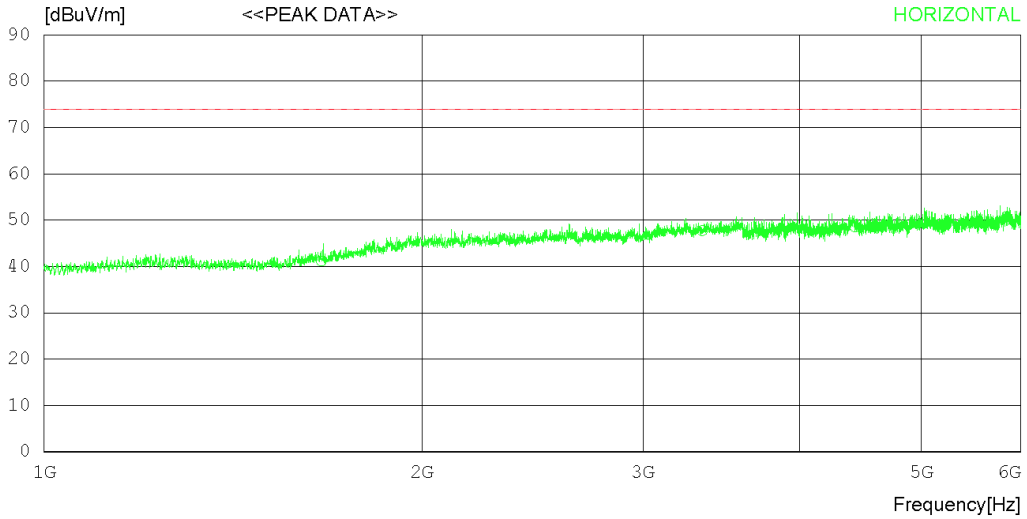
RADIATED EMISSION

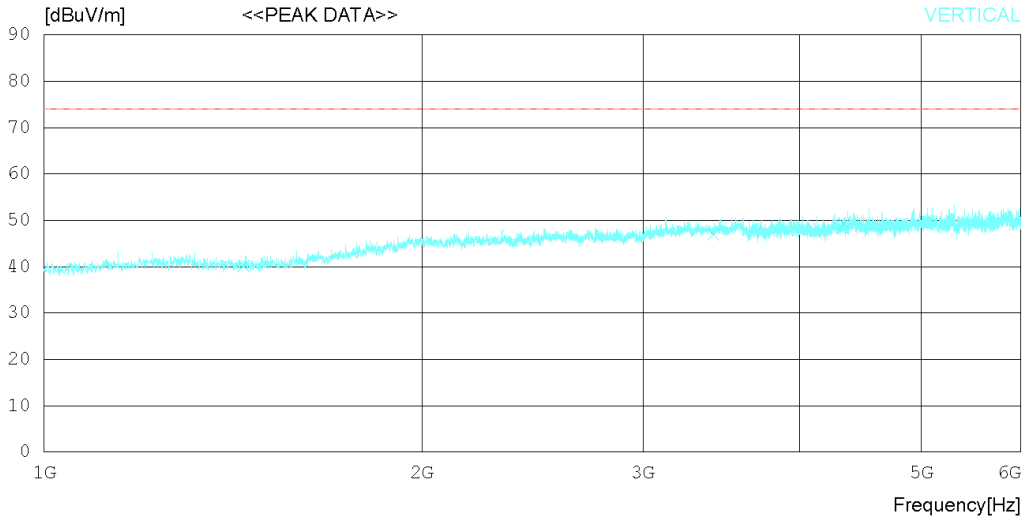
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1663.125	41.50	28.93	5.59	34.81	41.21	74.0	32.79	323	252
2	3345.000	41.20	32.81	8.18	34.45	47.74	74.0	26.26	242	0
3	4425.625	38.70	33.85	10.12	34.10	48.57	74.0	25.43	168	273
----- Vertical ------										
4	1441.875	42.10	27.93	5.25	35.13	40.15	74.0	33.85	124	357
5	3414.375	40.20	32.80	8.29	34.35	46.94	74.0	27.06	335	1
6	4336.875	39.70	33.67	9.94	33.98	49.33	74.0	24.67	277	93

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

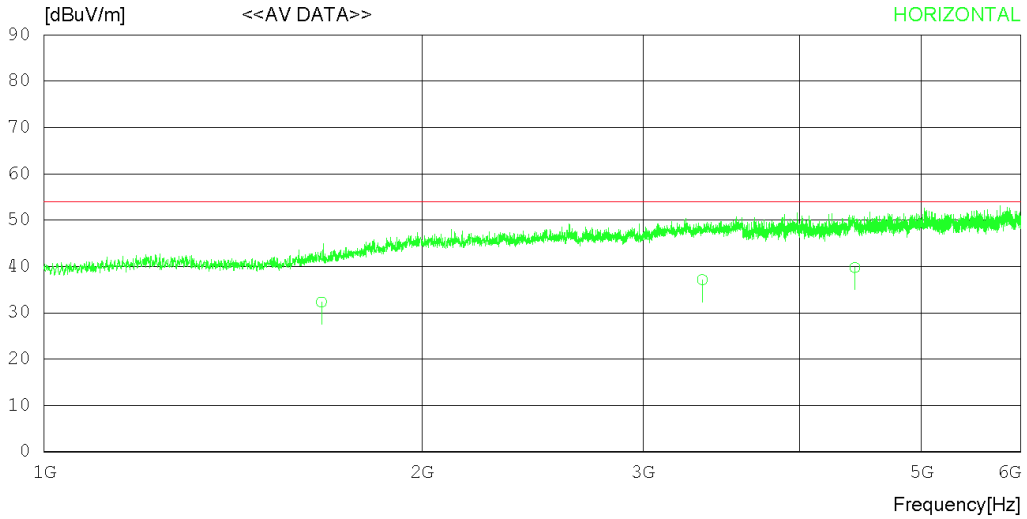
RADIATED EMISSION

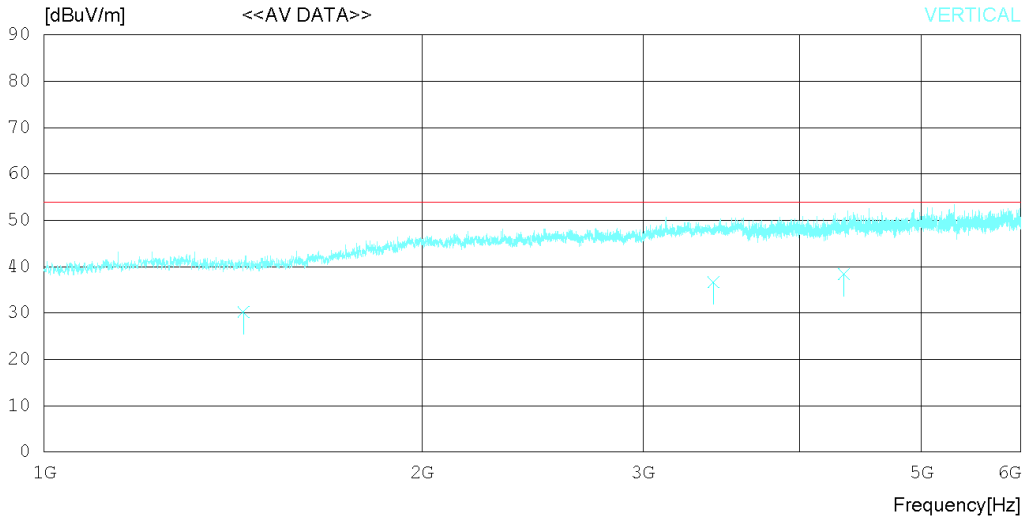
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1663.124	32.60	28.93	5.59	34.81	32.31	54.00	21.69	282	301
2	3345.011	30.60	32.81	8.18	34.45	37.14	54.00	16.86	266	112
3	4425.133	29.90	33.85	10.12	34.10	39.77	54.00	14.23	227	272
----- Vertical ------										
4	1441.224	32.20	27.94	5.25	35.13	30.26	54.00	23.74	124	120
5	3414.311	29.90	32.80	8.29	34.35	36.64	54.00	17.36	308	272
6	4336.811	28.80	33.67	9.94	33.98	38.43	54.00	15.57	164	308

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

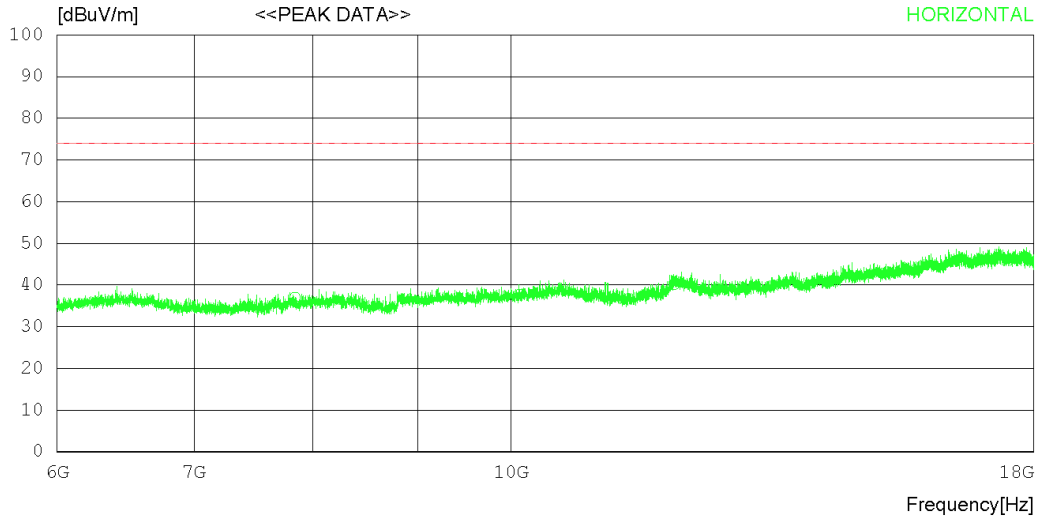
RADIATED EMISSION

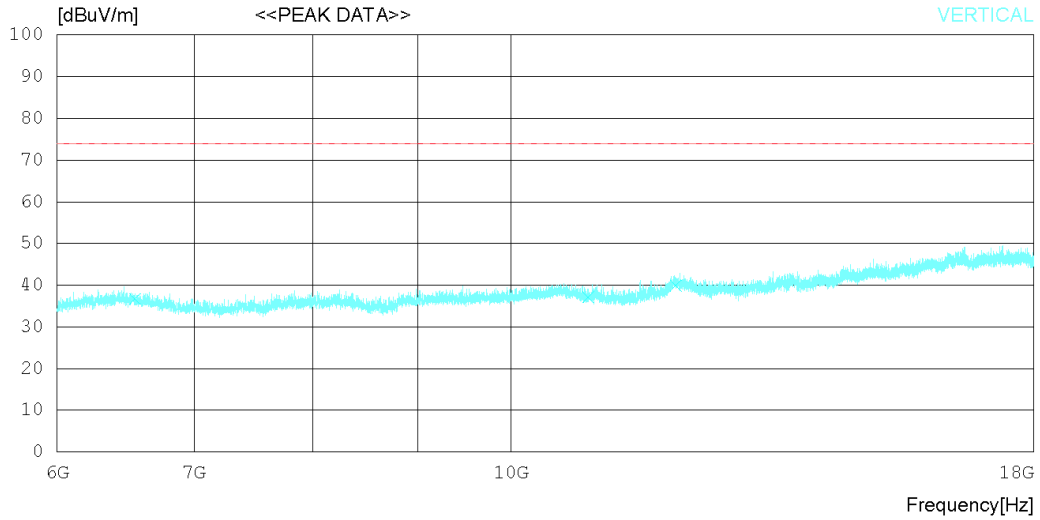
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICAITON

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICAITON
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	7842.000	31.30	31.32	12.54	38.07	37.09	74.0	36.91	223	352
2	10101.000	28.80	32.54	14.42	37.95	37.81	74.0	36.19	124	351
3	12009.750	28.60	33.46	15.67	37.68	40.05	74.0	33.95	227	66
----- Vertical ------										
4	6549.000	32.40	31.57	11.21	38.48	36.70	74.0	37.3	305	349
5	10903.500	28.00	32.42	14.79	38.11	37.10	74.0	36.9	322	1
6	12037.500	28.50	33.46	15.66	37.73	39.89	74.0	34.11	127	0

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

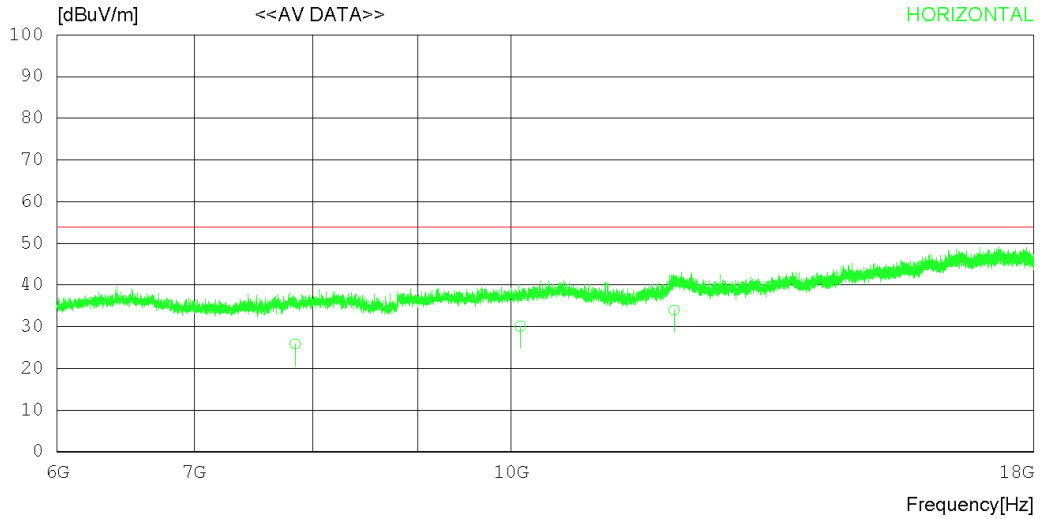
RADIATED EMISSION

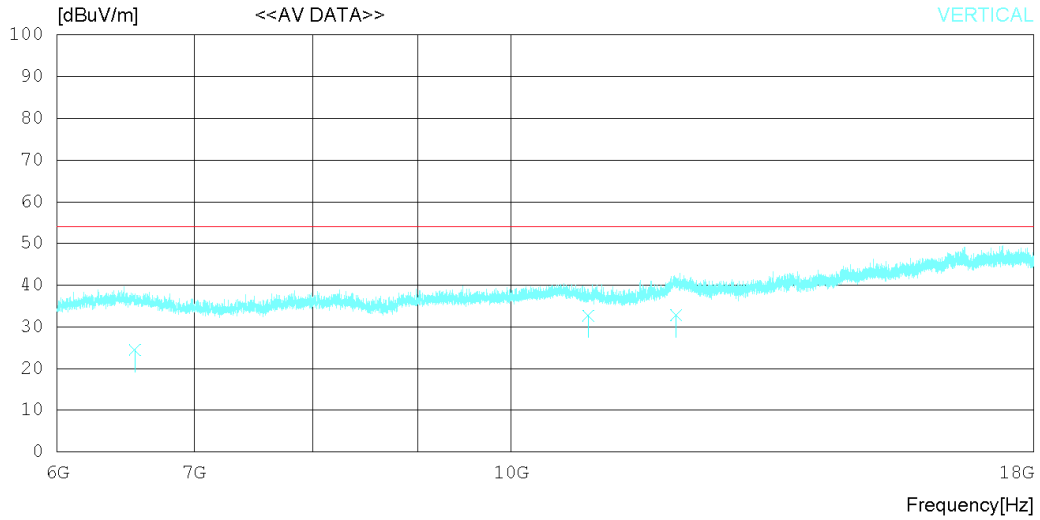
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICAITON

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICAITON
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	7842.104	20.10	31.32	12.54	38.07	25.89	54.00	28.11	124	127
2	10101.440	21.10	32.54	14.42	37.95	30.11	54.00	23.89	272	118
3	12009.170	22.50	33.46	15.67	37.68	33.95	54.00	20.05	134	72
----- Vertical ------										
4	6549.114	20.20	31.57	11.21	38.48	24.50	54.00	29.50	120	124
5	10903.520	23.60	32.42	14.79	38.11	32.70	54.00	21.30	223	208
6	12037.400	21.40	33.46	15.66	37.73	32.79	54.00	21.21	372	113

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

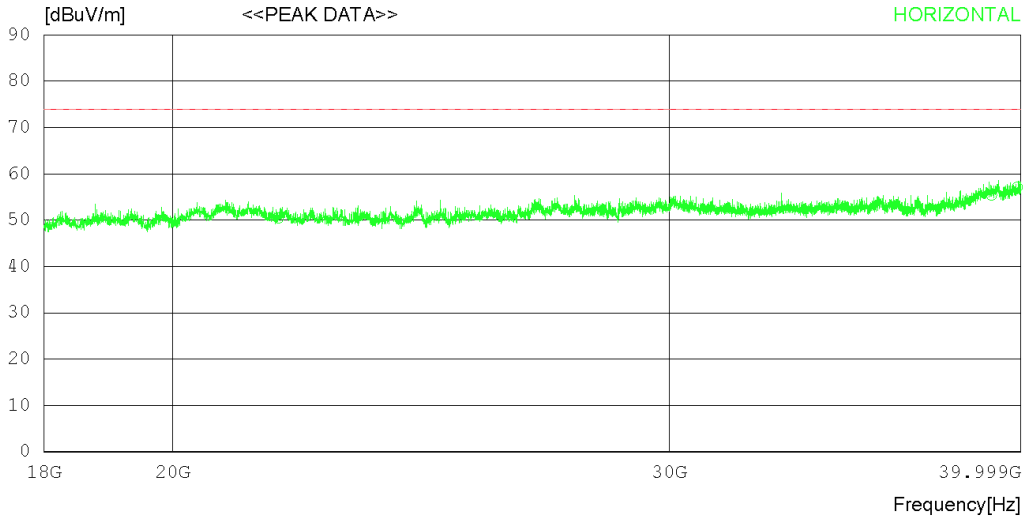
RADIATED EMISSION

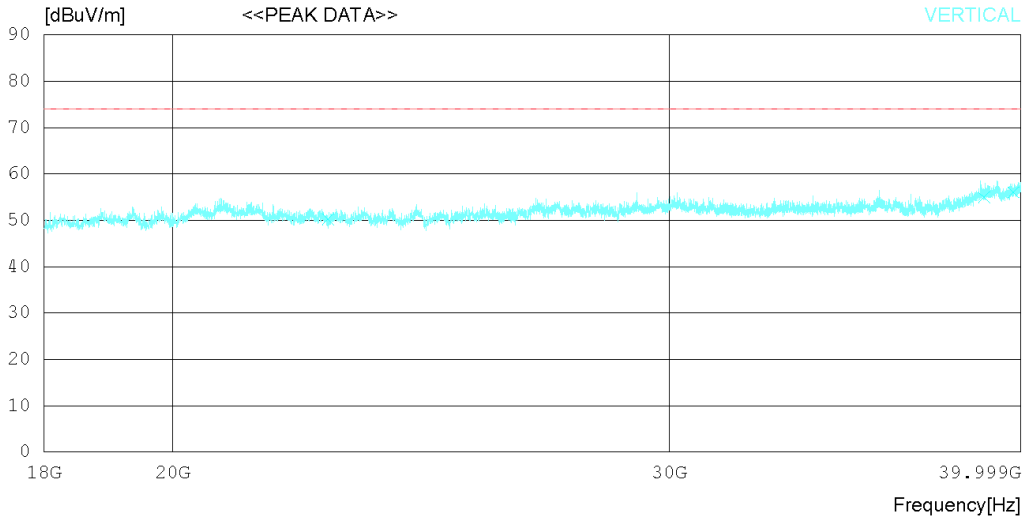
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	21797.750	38.90	45.30	20.05	53.81	50.44	74.0	23.56	322	63
2	39051.250	34.30	47.65	25.70	52.25	55.40	74.0	18.6	127	358
3	39876.250	35.80	49.05	24.49	52.21	57.13	74.0	16.87	125	235
----- Vertical ------										
4	22702.500	38.80	45.40	20.01	53.97	50.24	74.0	23.76	305	0
5	38812.000	34.40	47.32	25.55	52.26	55.01	74.0	18.99	112	170
6	39755.250	34.80	48.81	24.67	52.21	56.07	74.0	17.93	278	132

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**3**	**EUT Operation mode**	**3**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**Luxshare**

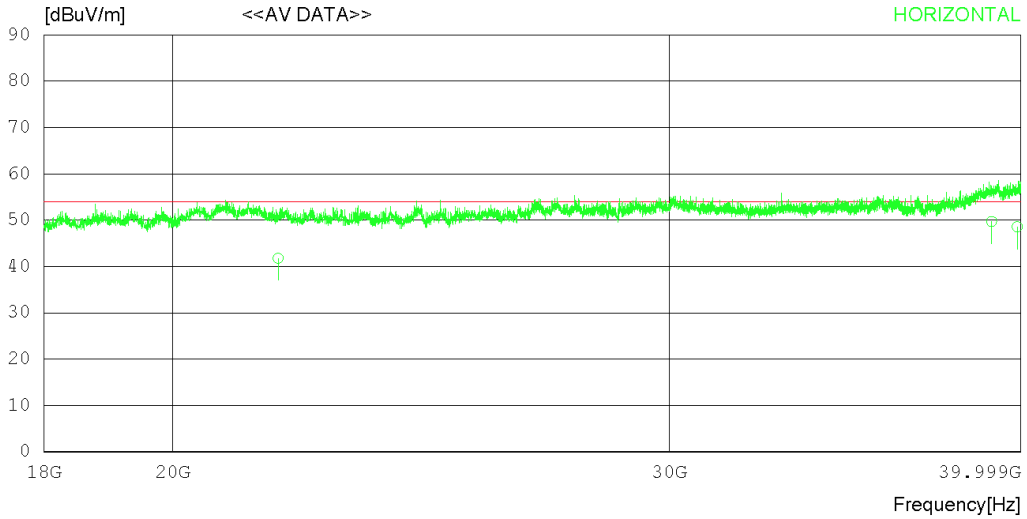
RADIATED EMISSION

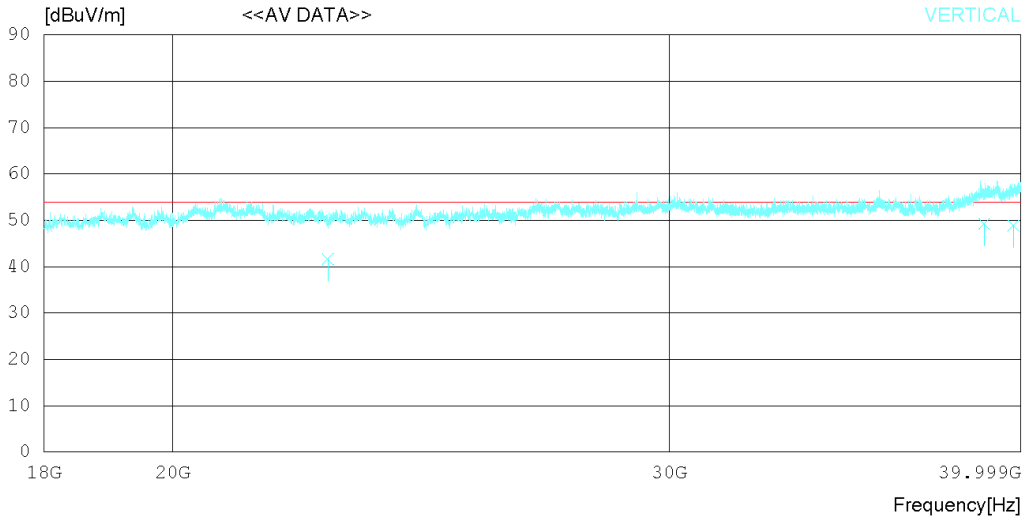
Date 2020-01-20

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-20

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	22 'C 46 % R.H.
Test Condition	DATA COMMUNICATION
Memo	luxshare+bujeon+DS

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	21797.12030.24	45.30	20.05	53.81	41.78	54.00	12.22	354	73	
2	39051.21028.62	47.65	25.70	52.25	49.72	54.00	4.28	302	132	
3	39876.42027.22	49.05	24.49	52.21	48.55	54.00	5.45	227	223	
----- Vertical ------										
4	22702.11030.21	45.40	20.01	53.97	41.65	54.00	12.35	223	78	
5	38812.04028.63	47.32	25.55	52.26	49.24	54.00	4.76	273	113	
6	39755.42027.62	48.81	24.67	52.21	48.89	54.00	5.11	134	302	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

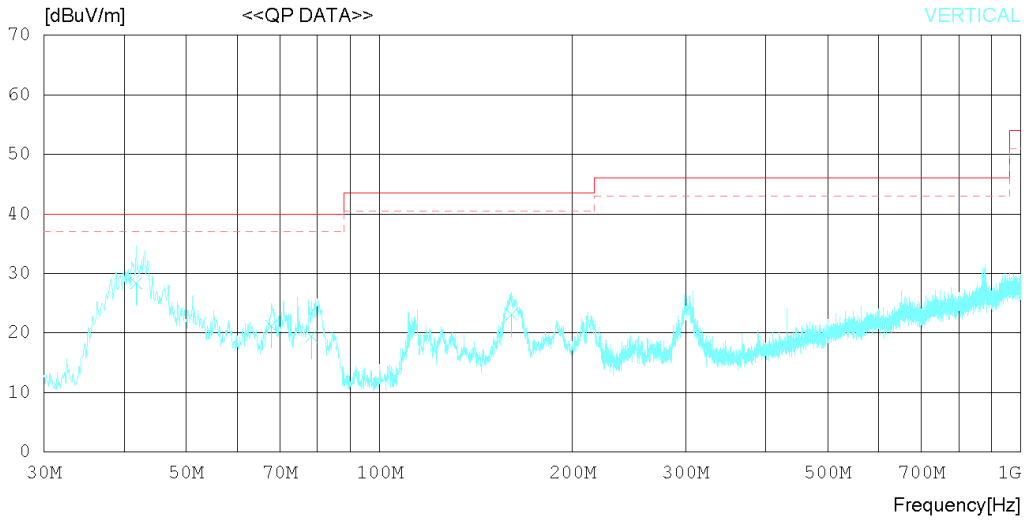
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition wireless

Memo cresyn

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



RADIATED EMISSION

Date 2020-01-03

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	23 'C 40 % R.H.
Test Condition	wireless
Memo	cresyn

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	42.853	29.68	17.59	1.22	25.81	22.68	40.00	17.32	273	185
2	73.892	25.12	16.01	1.41	25.75	16.79	40.00	23.21	133	78
3	301.108	20.66	19.50	2.25	25.84	16.57	46.00	29.43	305	224
----- Vertical ------										
4	41.761	35.50	17.45	1.22	25.81	28.36	40.00	11.64	308	120
5	67.830	28.80	16.85	1.35	25.76	21.24	40.00	18.76	277	341
6	78.378	28.72	14.99	1.46	25.74	19.43	40.00	20.57	134	223
7	160.705	28.12	18.84	1.78	25.66	23.08	43.50	20.42	176	231

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

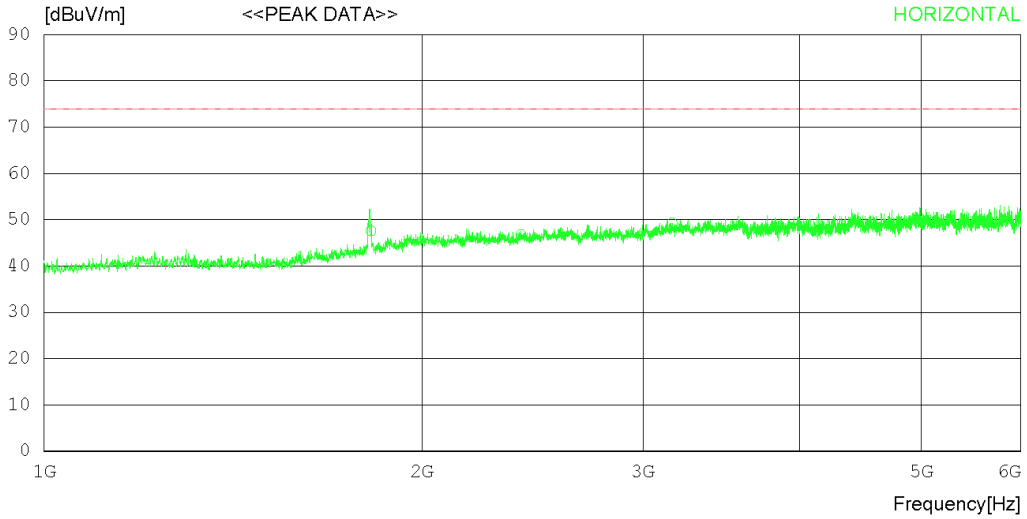
RADIATED EMISSION

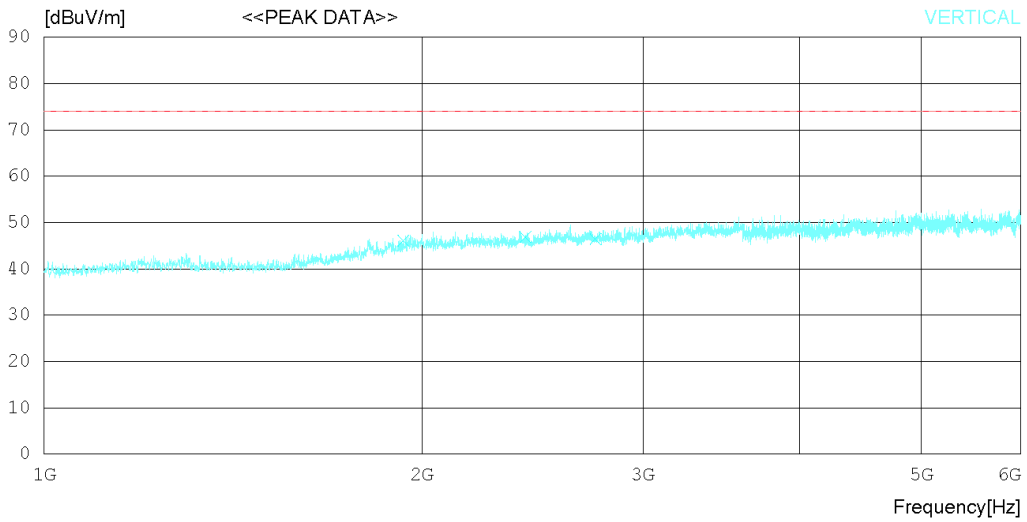
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1821.250	45.80	30.49	5.90	34.59	47.60	74.0	26.4	245	358
2	2398.750	42.70	31.80	6.85	34.58	46.77	74.0	27.23	177	331
3	3163.750	43.00	33.06	7.91	34.70	49.27	74.0	24.73	352	358
----- Vertical ------										
4	1932.500	43.00	31.36	6.16	34.44	46.08	74.0	27.92	243	0
5	2418.750	42.70	31.91	6.87	34.59	46.89	74.0	27.11	277	0
6	2749.375	41.50	32.50	7.26	34.78	46.48	74.0	27.52	142	3

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

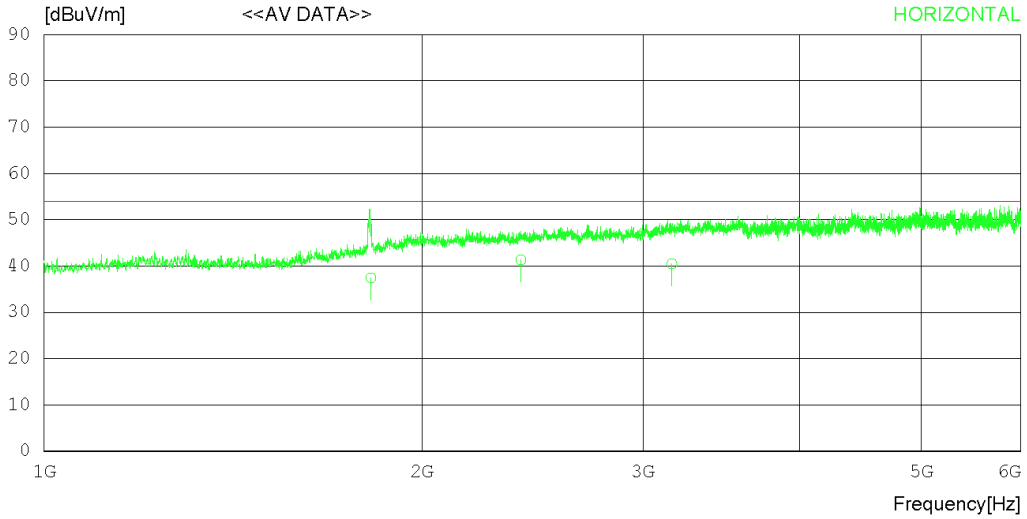
RADIATED EMISSION

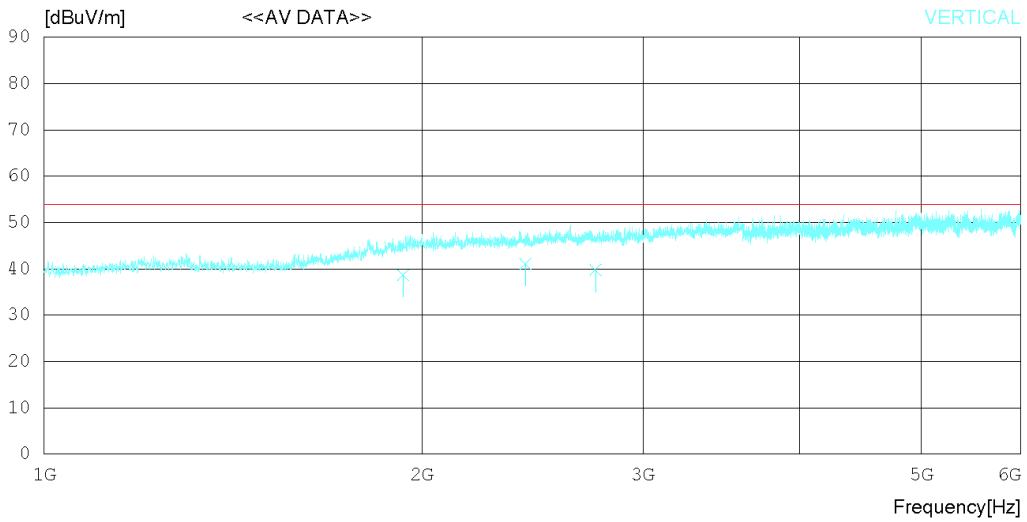
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1821.211	35.66	30.48	5.90	34.59	37.45	54.00	16.55	302	127
2	2398.723	37.26	31.80	6.85	34.58	41.33	54.00	12.67	242	78
3	3163.420	34.22	33.05	7.91	34.70	40.48	54.00	13.52	334	142
----- Vertical ------										
4	1932.120	35.60	31.36	6.15	34.44	38.67	54.00	15.33	120	27
5	2418.423	36.88	31.91	6.87	34.59	41.07	54.00	12.93	234	308
6	2749.311	34.82	32.50	7.26	34.78	39.80	54.00	14.20	244	35

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

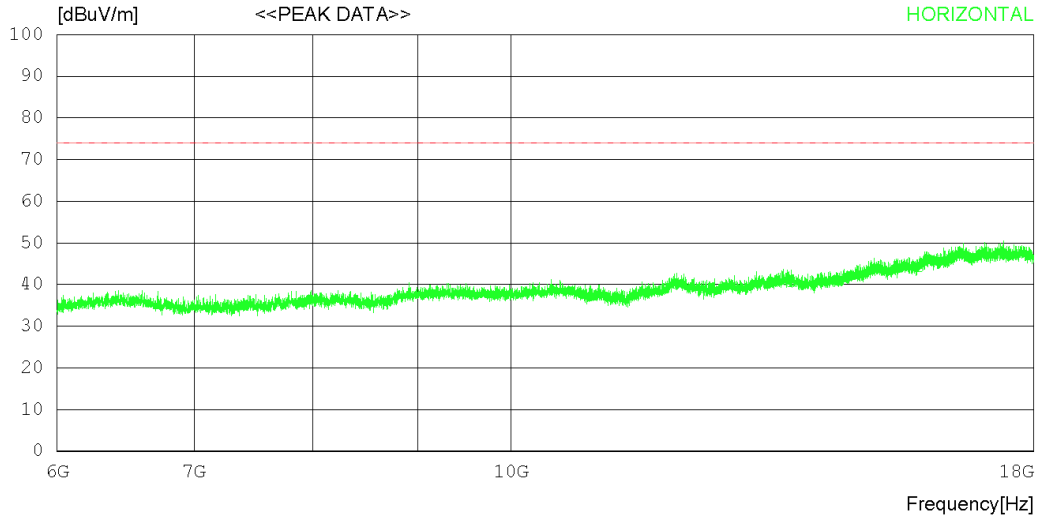
RADIATED EMISSION

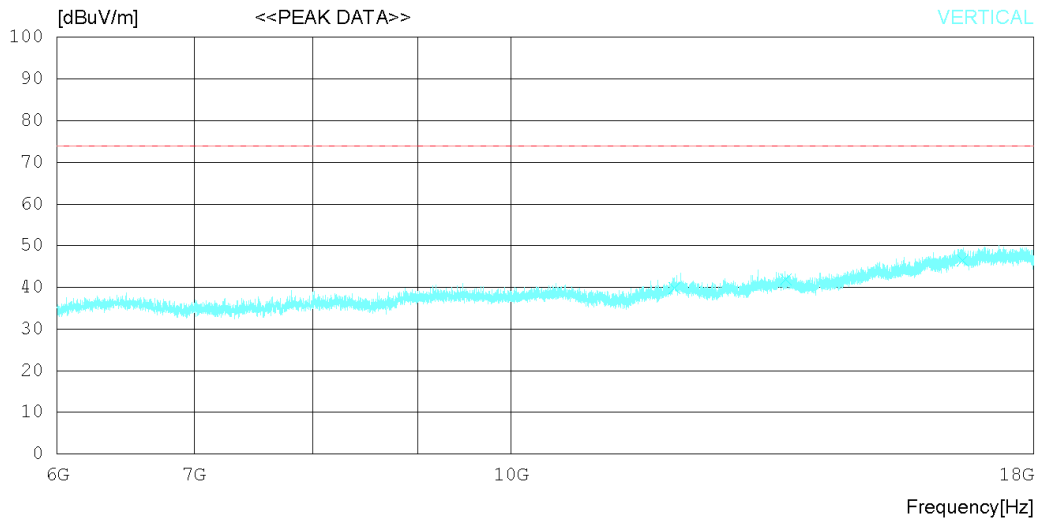
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition wireless

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	wireless
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	12028.500	28.80	33.46	15.66	37.74	40.18	74.0	33.82	243	277
2	13681.500	27.10	33.80	17.25	37.44	40.71	74.0	33.29	114	3
3	15822.750	25.80	36.25	18.67	36.47	44.25	74.0	29.75	276	358
----- Vertical ------										
4	12016.500	28.40	33.46	15.67	37.72	39.81	74.0	34.19	305	358
5	13621.500	28.20	33.77	17.31	37.42	41.86	74.0	32.14	124	358
6	16614.000	25.50	37.11	20.01	36.17	46.45	74.0	27.55	224	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

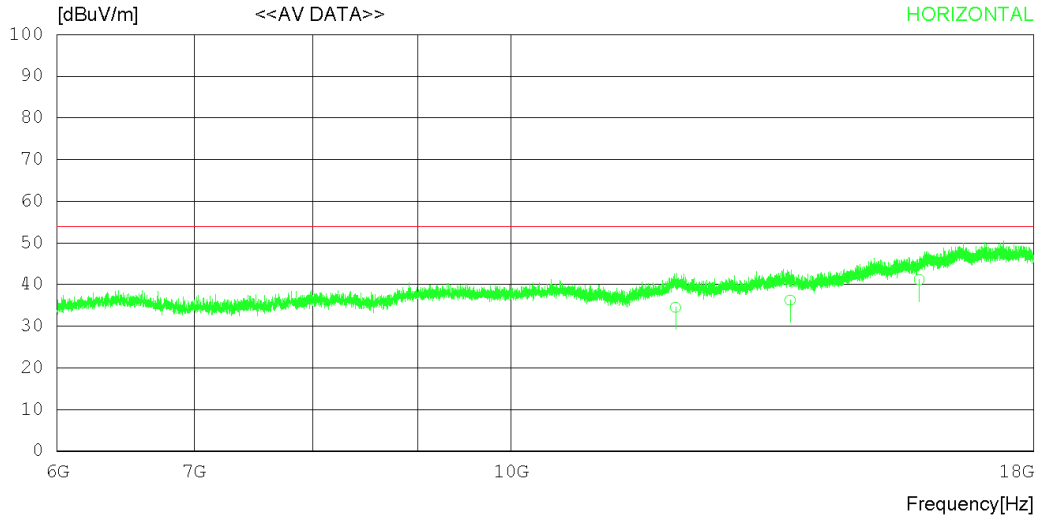
RADIATED EMISSION

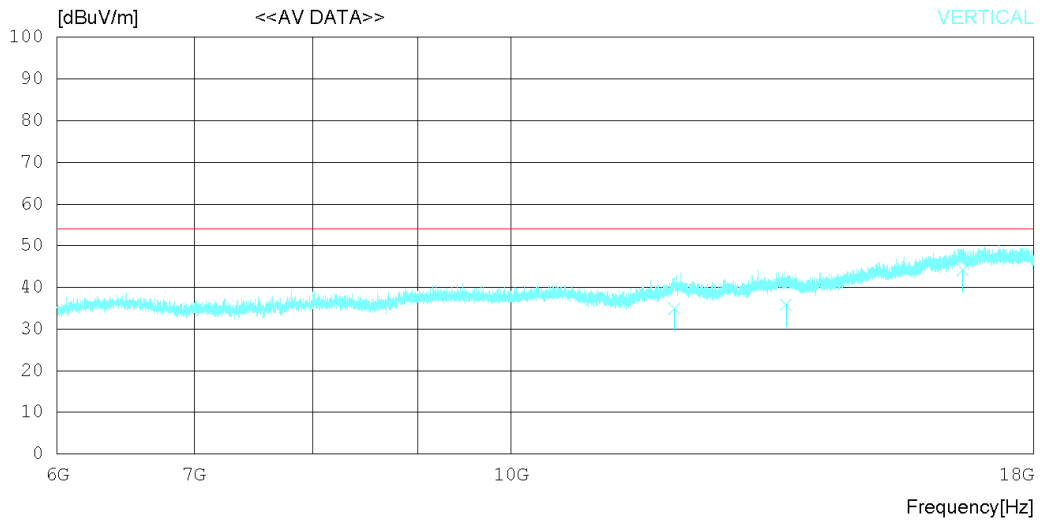
Date 2020-01-12

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition wireless

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-12

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	21 'C 44 % R.H.
Test Condition	wireless
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	12028.51023.12	33.46	15.66	37.74	34.50	54.00	19.50	120	134	
2	13681.46022.63	33.80	17.25	37.44	36.24	54.00	17.76	223	223	
3	15822.17022.72	36.25	18.67	36.47	41.17	54.00	12.83	272	178	
----- Vertical ------										
4	12016.12023.52	33.46	15.67	37.72	34.93	54.00	19.07	120	135	
5	13621.54022.17	33.77	17.31	37.42	35.83	54.00	18.17	223	112	
6	16614.04023.27	37.11	20.01	36.17	44.22	54.00	9.78	247	308	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

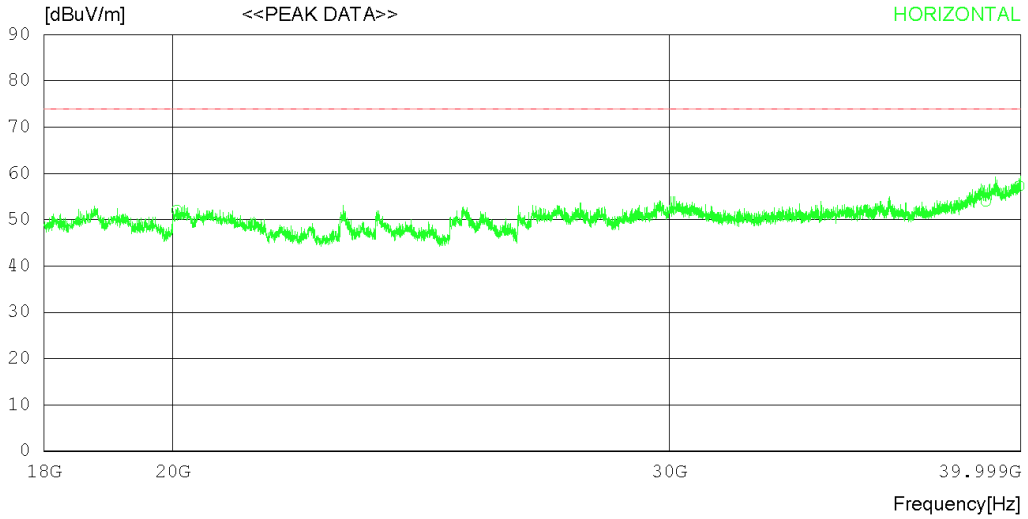
RADIATED EMISSION

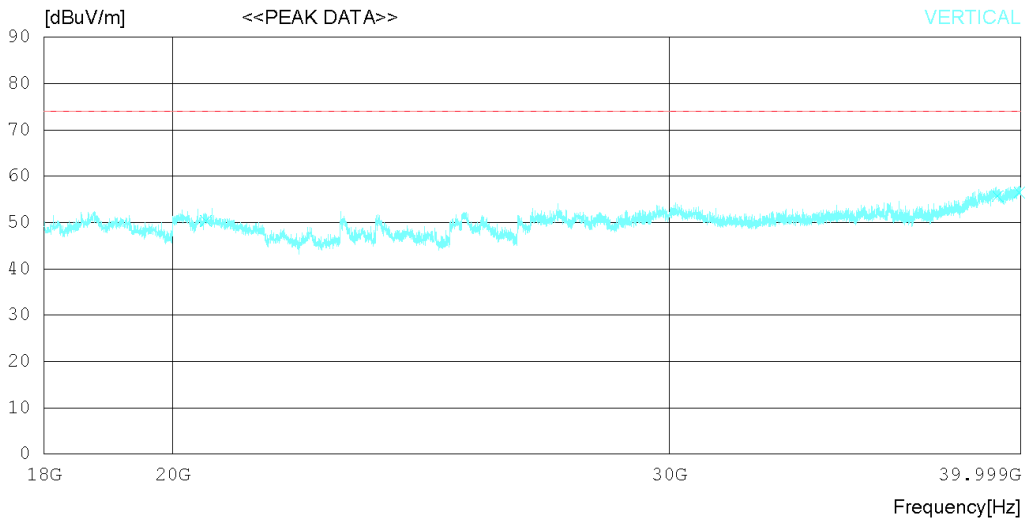
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition wireless

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	wireless
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	20062.500	41.10	45.26	18.71	53.03	52.04	74.0	21.96	243	350
2	38867.000	33.20	47.43	25.63	52.26	54.00	74.0	20	112	358
3	39942.250	35.90	49.18	24.39	52.20	57.27	74.0	16.73	325	358
----- Vertical ------										
4	20549.250	38.50	45.45	19.64	53.25	50.34	74.0	23.66	117	0
5	39238.250	34.60	47.94	25.43	52.24	55.73	74.0	18.27	223	0
6	39947.750	35.10	49.20	24.39	52.20	56.49	74.0	17.51	247	98

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Cresyn**	**Data cable**	**-**

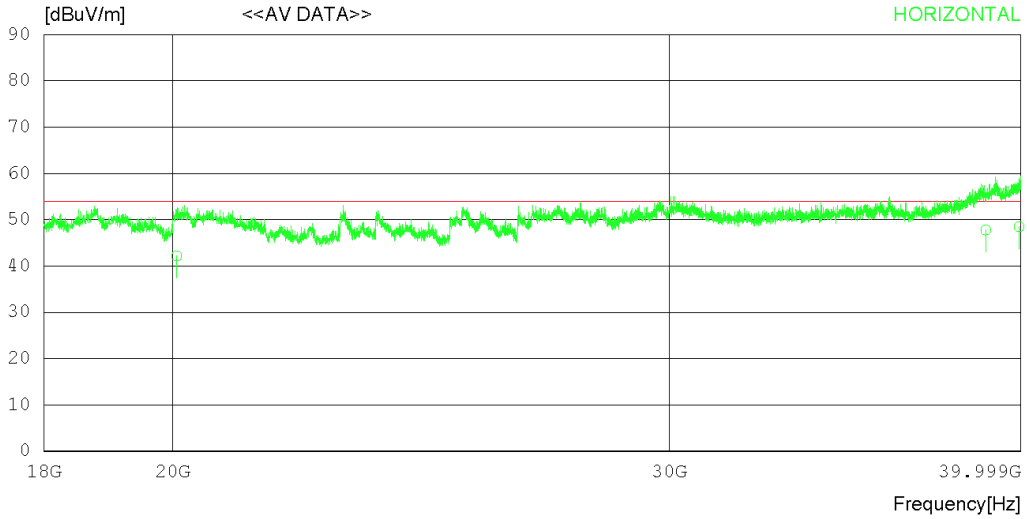
RADIATED EMISSION

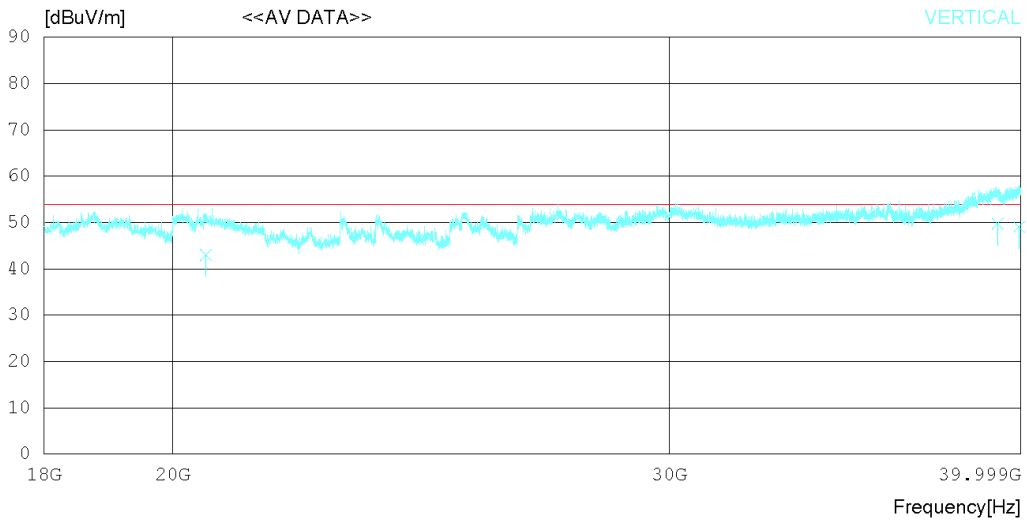
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition wireless

Memo cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	wireless
Memo	cresyn

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20062.12031.22	45.26	18.70	53.03	42.15	54.00	11.85	223	157	
2	38867.35026.98	47.43	25.63	52.26	47.78	54.00	6.22	372	32	
3	39942.21027.12	49.18	24.39	52.20	48.49	54.00	5.51	114	235	
----- Vertical ------										
4	20549.12031.25	45.45	19.64	53.25	43.09	54.00	10.91	243	17	
5	39238.23028.62	47.94	25.43	52.24	49.75	54.00	4.25	223	78	
6	39947.22027.70	49.19	24.39	52.20	49.08	54.00	4.92	377	334	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

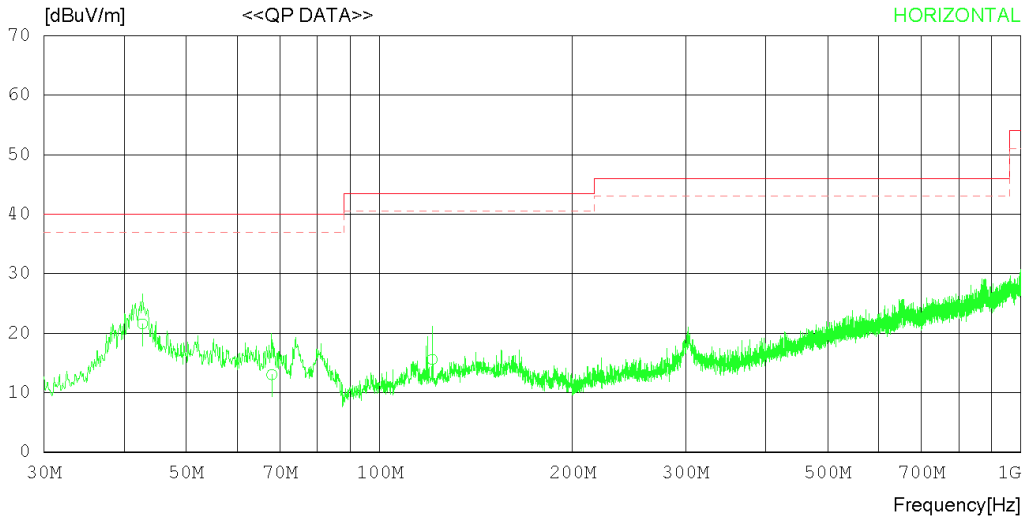
RADIATED EMISSION

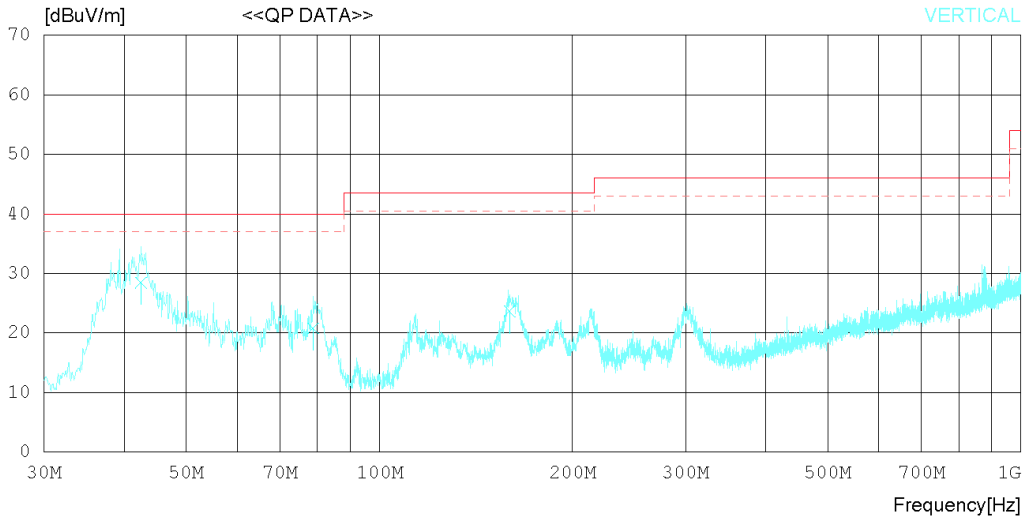
Date 2020-01-03

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition wireless

Memo bujeon

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





RADIATED EMISSION

Date 2020-01-03

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	23 'C 40 % R.H.
Test Condition	wireless
Memo	bujeon

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	42.731	28.60	17.57	1.22	25.81	21.58	40.00	18.42	372	254
2	67.951	20.60	16.81	1.35	25.76	13.00	40.00	27.00	224	124
3	120.815	22.62	16.99	1.66	25.69	15.58	43.50	27.92	308	249
----- Vertical ------										
4	42.489	35.50	17.55	1.22	25.81	28.46	40.00	11.54	224	283
5	78.863	30.22	14.84	1.47	25.74	20.79	40.00	19.21	120	235
6	159.613	28.63	18.90	1.78	25.66	23.65	43.50	19.85	177	223

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

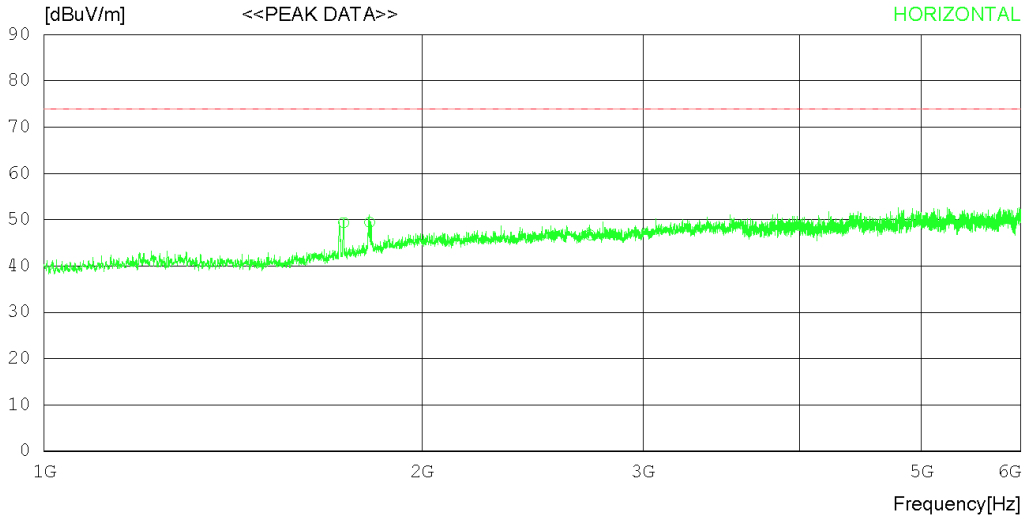
RADIATED EMISSION

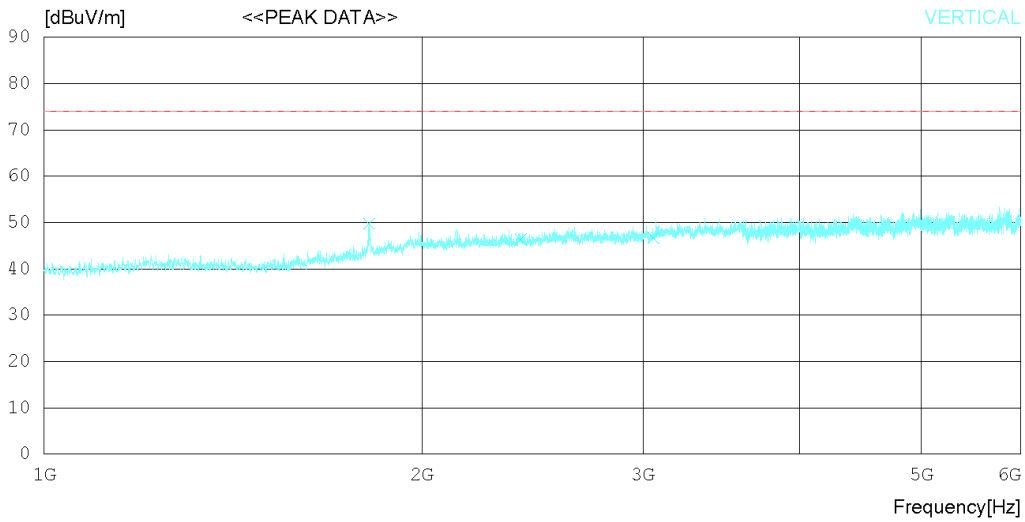
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	1732.500	49.00	29.39	5.71	34.72	49.38	74.0	24.62	325	180
2	1816.875	47.70	30.47	5.89	34.60	49.46	74.0	24.54	127	358
3	2721.875	41.70	32.56	7.23	34.77	46.72	74.0	27.28	352	358
----- Vertical ------										
4	1816.250	48.00	30.47	5.89	34.60	49.76	74.0	24.24	177	358
5	2396.875	42.30	31.79	6.85	34.57	46.37	74.0	27.63	205	9
6	3056.875	41.00	32.73	7.81	34.85	46.69	74.0	27.31	334	2

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

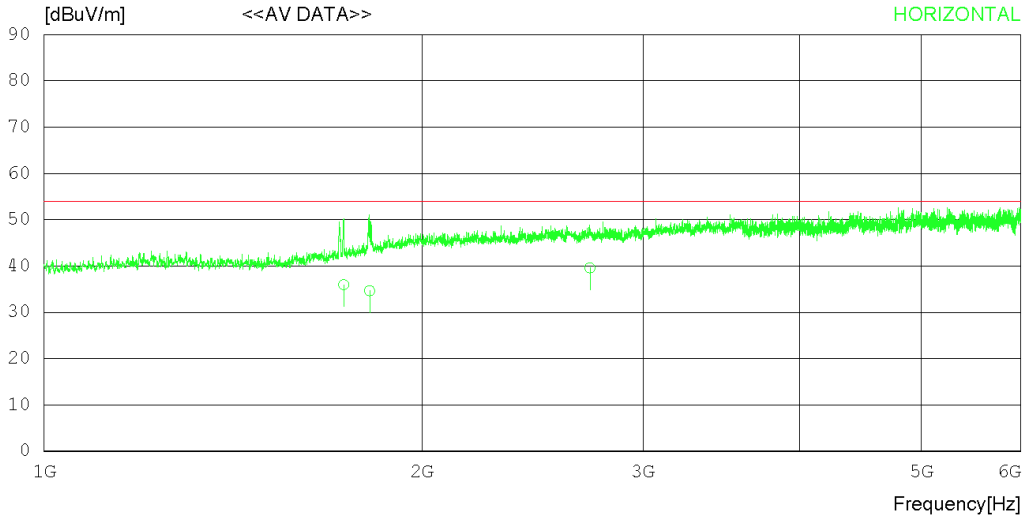
RADIATED EMISSION

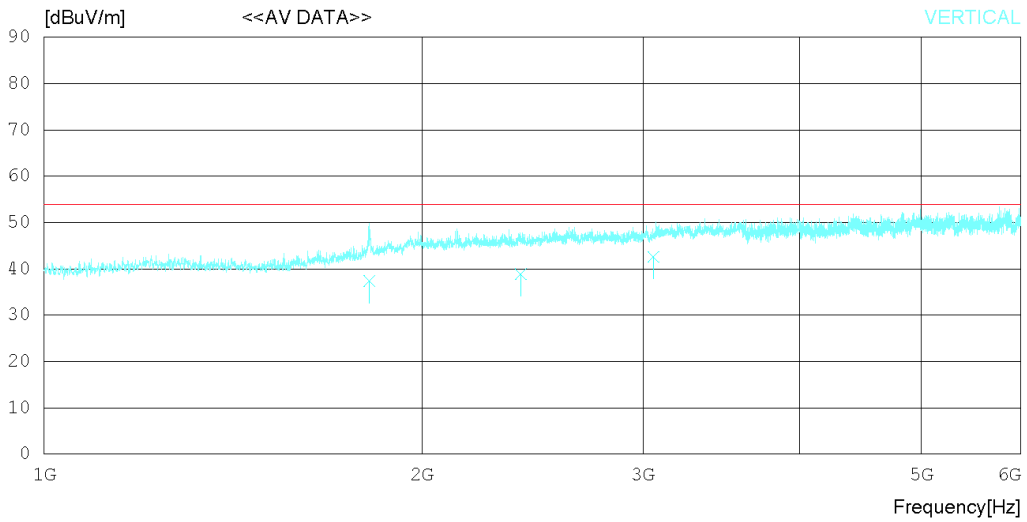
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	1732.422	35.60	29.39	5.71	34.72	35.98	54.00	18.02	120	86
2	1816.813	32.87	30.47	5.89	34.60	34.63	54.00	19.37	224	318
3	2721.353	34.56	32.56	7.23	34.77	39.58	54.00	14.42	324	257
----- Vertical ------										
4	1816.212	35.60	30.46	5.89	34.60	37.35	54.00	16.65	120	123
5	2396.424	34.80	31.79	6.85	34.57	38.87	54.00	15.13	205	256
6	3056.223	36.90	32.72	7.81	34.85	42.58	54.00	11.42	277	17

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

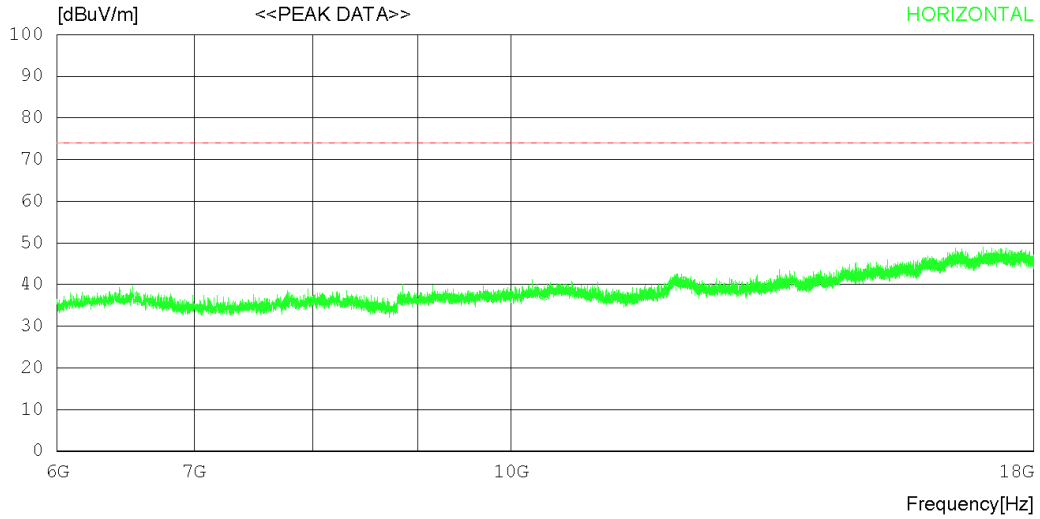
RADIATED EMISSION

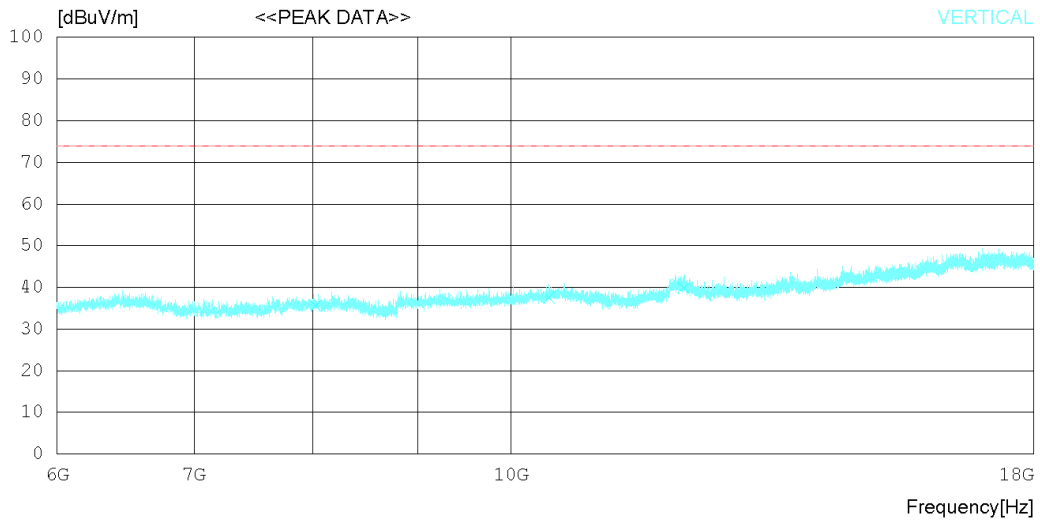
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	7783.500	30.20	31.33	12.57	38.13	35.97	74.0	38.03	244	358
2	10386.000	28.60	32.50	14.52	38.08	37.54	74.0	36.46	134	328
3	12134.250	29.40	33.47	15.59	37.90	40.56	74.0	33.44	272	225
----- Vertical ------										
4	8030.250	29.80	31.32	12.31	37.86	35.57	74.0	38.43	112	358
5	10434.750	28.60	32.49	14.57	38.10	37.56	74.0	36.44	352	358
6	12141.750	28.70	33.47	15.58	37.91	39.84	74.0	34.16	288	0

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

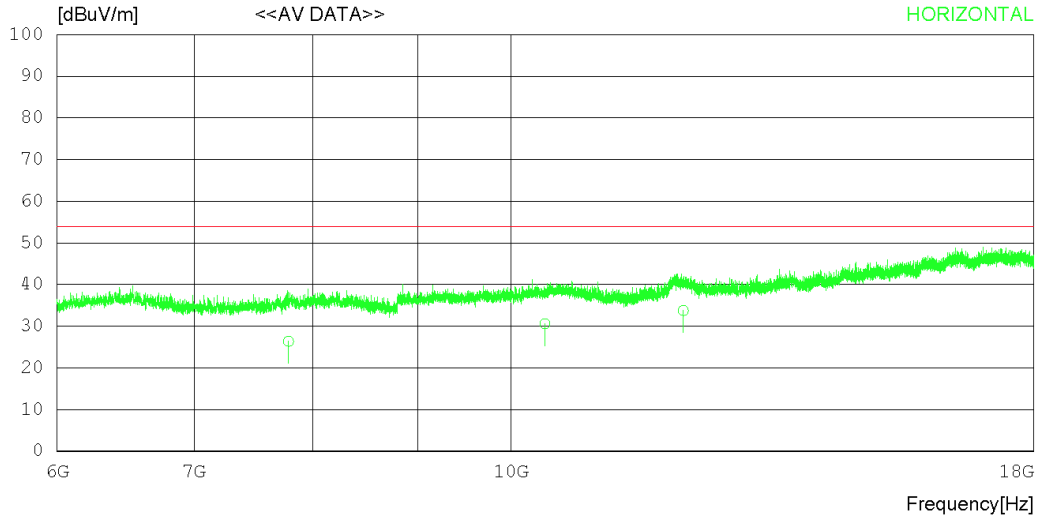
RADIATED EMISSION

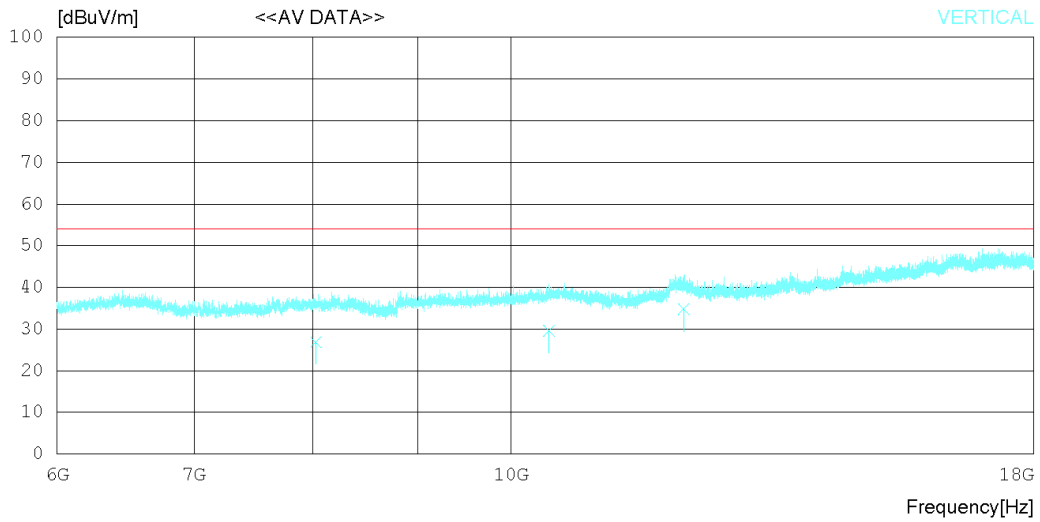
Date 2020-01-04

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition wireless charging

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-04

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	25 'C 43 % R.H.
Test Condition	wireless charging
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	7783.421	20.60	31.33	12.57	38.13	26.37	54.00	27.63	120	147
2	10386.020	21.60	32.50	14.52	38.08	30.54	54.00	23.46	227	277
3	12134.210	22.60	33.47	15.59	37.90	33.76	54.00	20.24	308	134
----- Vertical ------										
4	8030.216	21.10	31.32	12.31	37.86	26.87	54.00	27.13	120	124
5	10434.740	20.60	32.49	14.57	38.10	29.56	54.00	24.44	227	166
6	12141.720	23.60	33.47	15.58	37.91	34.74	54.00	19.26	308	320

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

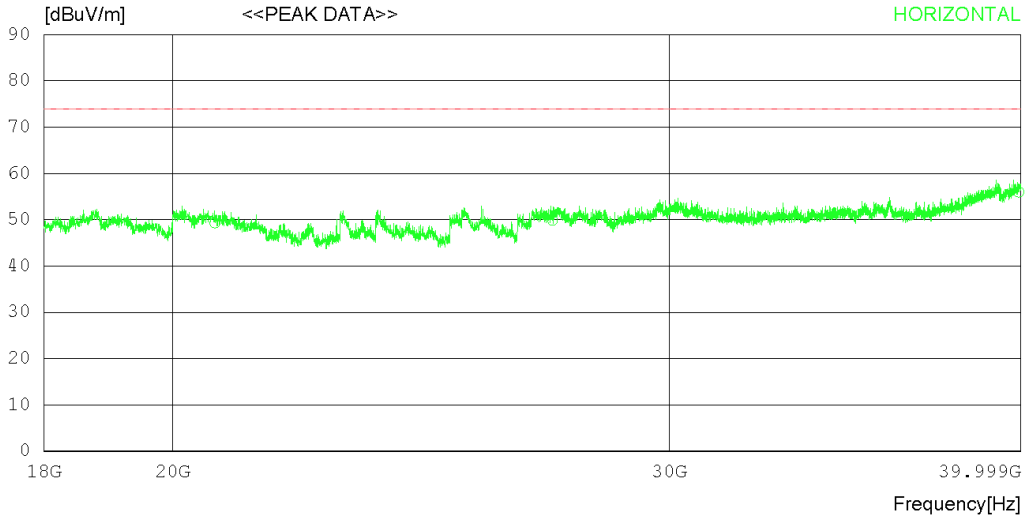
RADIATED EMISSION

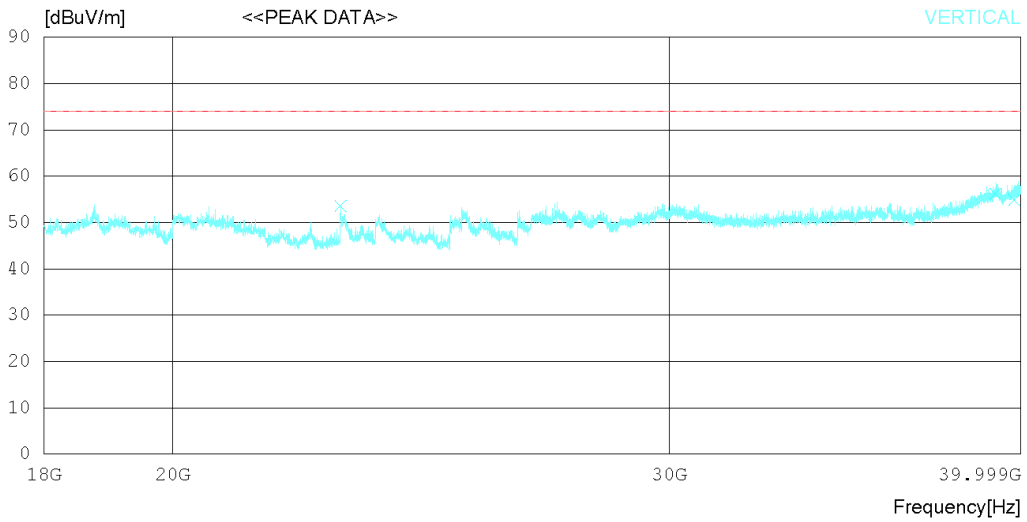
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition wireless

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	wireless
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Peak)

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	20697.750	37.20	45.50	19.93	53.31	49.32	74.0	24.68	346	358
2	27275.750	35.90	45.92	21.16	53.09	49.89	74.0	24.11	112	358
3	39931.250	34.60	49.16	24.41	52.20	55.97	74.0	18.03	273	358
----- Vertical ------										
4	22933.500	42.20	45.30	20.04	53.99	53.55	74.0	20.45	353	0
5	39180.500	35.10	47.86	25.51	52.24	56.23	74.0	17.77	112	0
6	39785.500	33.60	48.87	24.63	52.21	54.89	74.0	19.11	237	0

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	**4**	**EUT Operation mode**	**4**
Test voltage (V)	**120**	**Test Frequency (Hz)**	**60**
Ear-Mic	**Bujeon**	**Data cable**	**-**

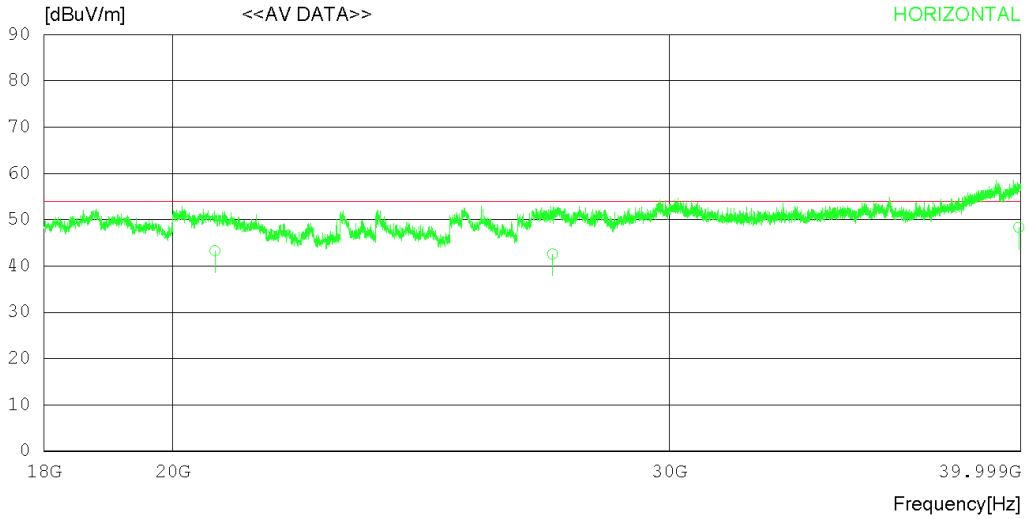
RADIATED EMISSION

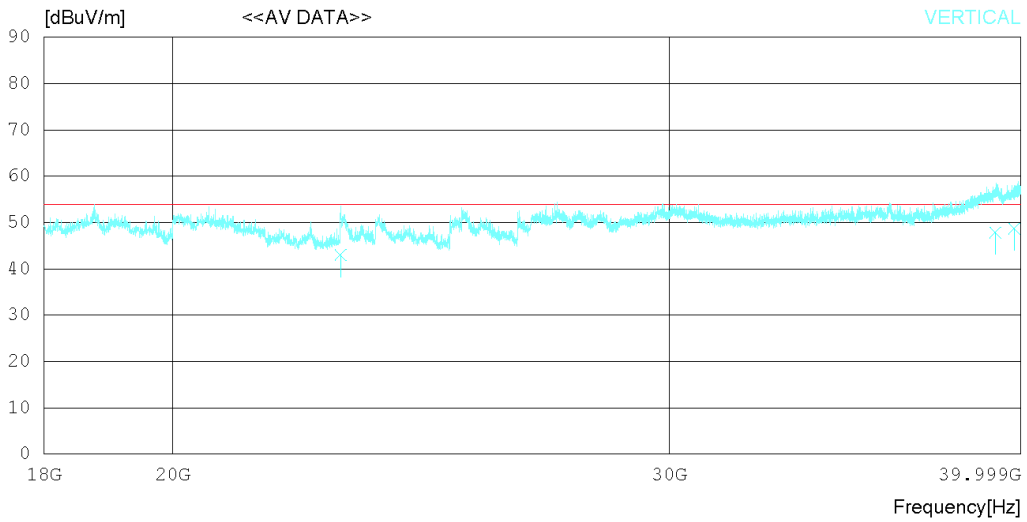
Date 2020-01-13

Order No. DTNC1912-10606
Power Supply 120 V 60 Hz
Temp/Humi 26 'C 44 % R.H.
Test Condition wireless

Memo bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)





RADIATED EMISSION

Date 2020-01-13

Order No.	DTNC1912-10606
Power Supply	120 V 60 Hz
Temp/Humi	26 'C 44 % R.H.
Test Condition	wireless
Memo	bujeon

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Average)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal ------										
1	20697.12031.20	45.50	19.93	53.31	43.32	54.00	10.68	278	112	
2	27275.34028.62	45.92	21.16	53.09	42.61	54.00	11.39	322	223	
3	39931.22027.00	49.16	24.41	52.20	48.37	54.00	5.63	120	325	
----- Vertical ------										
4	22933.14031.62	45.30	20.04	53.99	42.97	54.00	11.03	203	243	
5	39180.22026.72	47.86	25.51	52.24	47.85	54.00	6.15	235	317	
6	39785.53027.41	48.87	24.63	52.21	48.70	54.00	5.30	332	224	

Calculation

Result(dBuV/m) : Reading Value(dBuV) + Cable loss(dB) - Pre amplifier gain(dB) + Ant. Factor(dB)
Margin : Limit(dBuV/m) - Result(dBuV/m)

8. Revision History

Date	Description	Revised By	Reviewed By
Jan. 23. 2020	Initial report	JunSeo Park	KyoungHwan Bae
Feb. 25. 2020	- Added measurement uncertainty. (Refer to page 9 and 22.)	JunSeo Park	KyoungHwan Bae
Mar. 04. 2020	-Added comment about dual screen angle configuration (Refer to page 5)	JunSeo Park	DaeHwa Eun

-End of test report-