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. : DREFCC2001-0037(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-V600VM / ZNFV600VM

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-V600VM
Add Model Name	LMV600VM, V600VM, LM-V600QM5, LMV600QM5, V600QM5, LM-V600QM6, LMV600QM6, V600QM6
FCC ID	ZNFV600VM
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 condition 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]
0.20003	N	59.62	Quasi - Peak	63.61	3.99

-Radiated Disturbance

Frequency [MHz]	Pol.	Result [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]
39040.270	V	50.07	Cispr - Average	54.00	3.93

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**

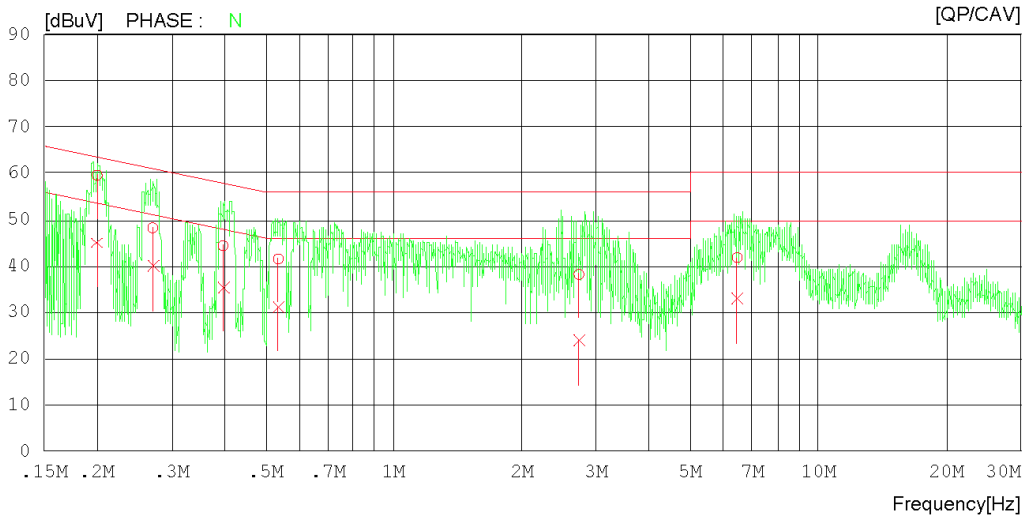
Results of Conducted Emission

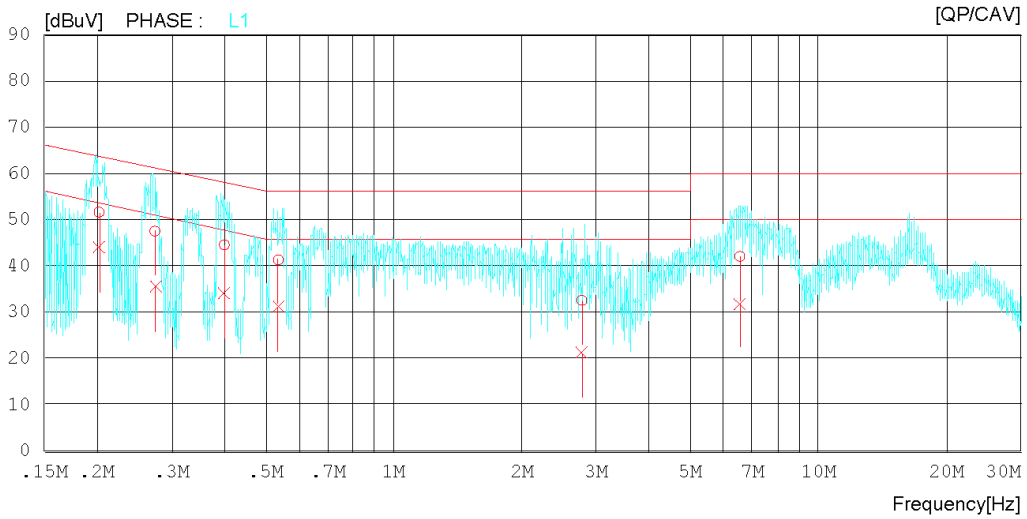
DT&C
Date 2020-01-14

Order No. DTNC1912-10605
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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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	0.20003	39.62	25.05	20.00	59.62	45.05	63.61	53.61	3.99	8.56	N
2	0.27072	28.41	20.19	19.85	48.26	40.04	61.10	51.10	12.84	11.06	N
3	0.39626	24.23	15.32	20.17	44.40	35.49	57.93	47.93	13.53	12.44	N
4	0.53450	21.29	10.95	20.24	41.53	31.19	56.00	46.00	14.47	14.81	N
5	2.72960	18.09	3.86	20.10	38.19	23.96	56.00	46.00	17.81	22.04	N
6	6.44720	21.51	12.52	20.34	41.85	32.86	60.00	50.00	18.15	17.14	N
7	0.20218	31.62	23.98	19.99	51.61	43.97	63.52	53.52	11.91	9.55	L1
8	0.27374	27.65	15.56	19.86	47.51	35.42	61.00	51.00	13.49	15.58	L1
9	0.39905	24.36	13.86	20.18	44.54	34.04	57.87	47.87	13.33	13.83	L1
10	0.53496	21.08	10.96	20.24	41.32	31.20	56.00	46.00	14.68	14.80	L1
11	2.77240	12.45	1.23	20.11	32.56	21.34	56.00	46.00	23.44	24.66	L1
12	6.53000	21.61	11.57	20.45	42.06	32.02	60.00	50.00	17.94	17.98	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. DTNC1912-10605
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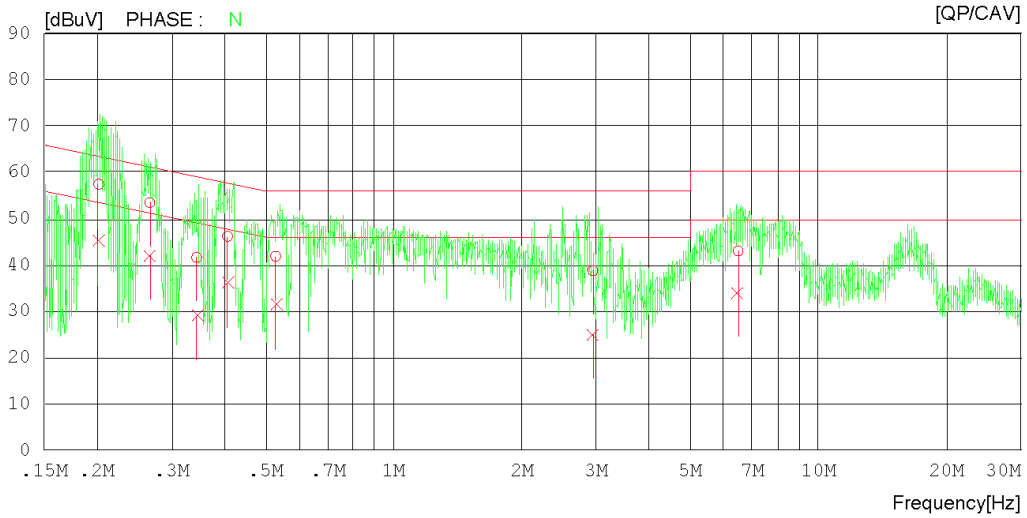
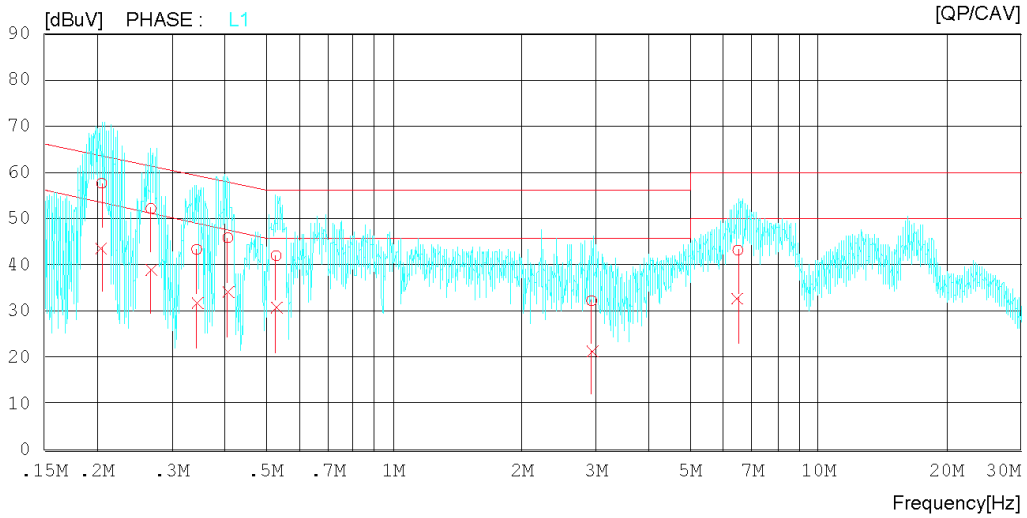
Memo luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV





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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	0.20202	37.48	25.28	19.99	57.47	45.27	63.53	53.53	6.06	8.26	N
2	0.26642	33.67	22.24	19.84	53.51	42.08	61.23	51.23	7.72	9.15	N
3	0.34336	21.61	8.96	20.03	41.64	28.99	59.12	49.12	17.48	20.13	N
4	0.40563	26.05	16.04	20.18	46.23	36.22	57.74	47.74	11.51	11.52	N
5	0.52745	21.63	11.13	20.24	41.87	31.37	56.00	46.00	14.13	14.63	N
6	2.94560	18.69	4.91	20.08	38.77	24.99	56.00	46.00	17.23	21.01	N
7	6.48320	22.70	13.70	20.35	43.05	34.05	60.00	50.00	16.95	15.95	N
8	0.20503	37.66	23.66	19.98	57.64	43.64	63.40	53.40	5.76	9.76	L1
9	0.26799	32.34	19.23	19.85	52.19	39.08	61.18	51.18	8.99	12.10	L1
10	0.34359	23.33	11.61	20.03	43.36	31.64	59.12	49.12	15.76	17.48	L1
11	0.40621	25.66	13.85	20.18	45.84	34.03	57.73	47.73	11.89	13.70	L1
12	0.52833	21.76	10.56	20.24	42.00	30.80	56.00	46.00	14.00	15.20	L1
13	2.92480	12.20	1.31	20.09	32.29	21.40	56.00	46.00	23.71	24.60	L1
14	6.46640	22.75	12.28	20.45	43.20	32.73	60.00	50.00	16.80	17.27	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**

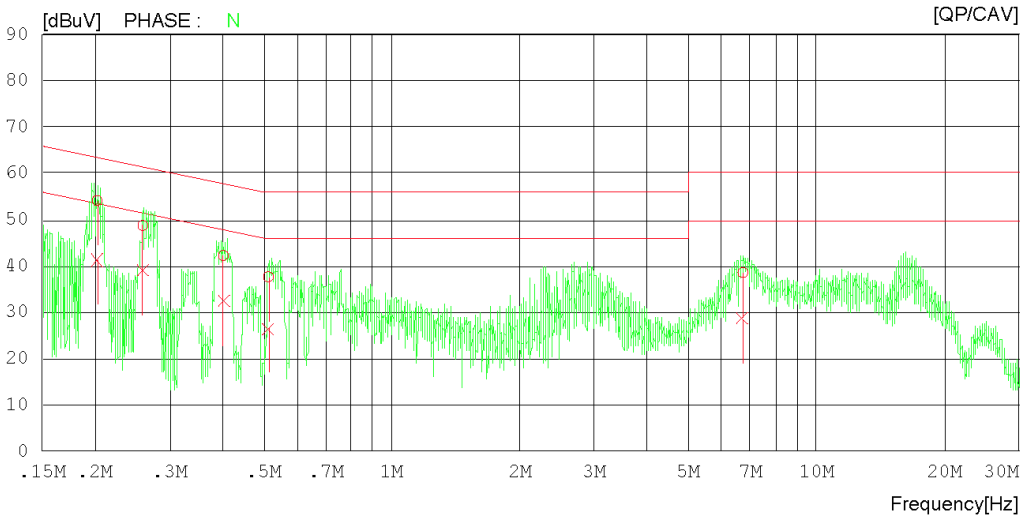
Results of Conducted Emission

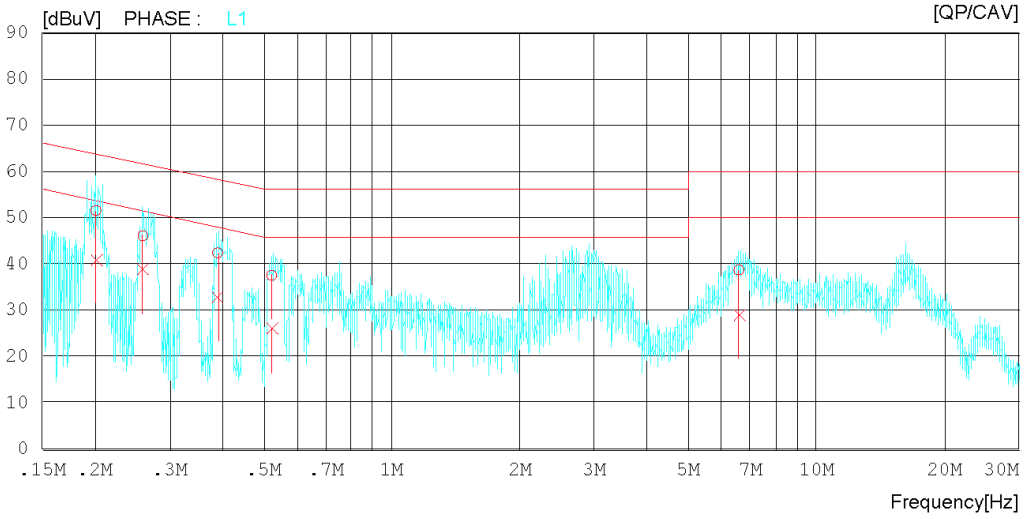
DT&C
Date 2020-01-20

Order No. DTNC1912-10605
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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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	0.20224	34.21	21.27	19.99	54.20	41.26	63.52	53.52	9.32	12.26	N
2	0.25925	28.96	19.23	19.83	48.79	39.06	61.46	51.46	12.67	12.40	N
3	0.40112	22.12	12.22	20.18	42.30	32.40	57.83	47.83	15.53	15.43	N
4	0.51203	17.45	6.25	20.24	37.69	26.49	56.00	46.00	18.31	19.51	N
5	6.71120	18.22	8.25	20.38	38.60	28.63	60.00	50.00	21.40	21.37	N
6	0.20112	31.58	20.98	20.00	51.58	40.98	63.56	53.56	11.98	12.58	L1
7	0.25923	26.27	18.99	19.83	46.10	38.82	61.46	51.46	15.36	12.64	L1
8	0.38860	22.24	12.77	20.15	42.39	32.92	58.09	48.09	15.70	15.17	L1
9	0.52113	17.25	5.82	20.24	37.49	26.06	56.00	46.00	18.51	19.94	L1
10	6.57344	18.23	8.72	20.46	38.69	29.18	60.00	50.00	21.31	20.82	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**

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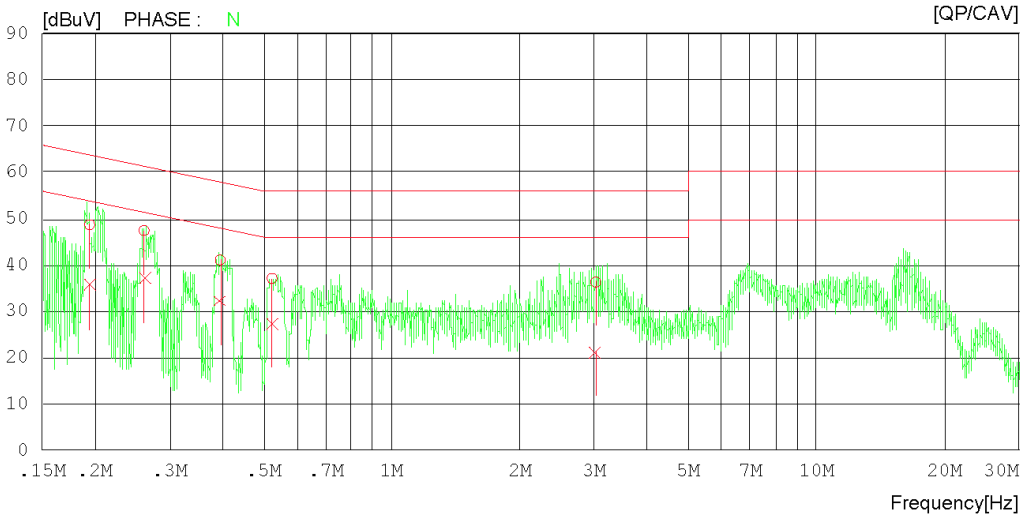

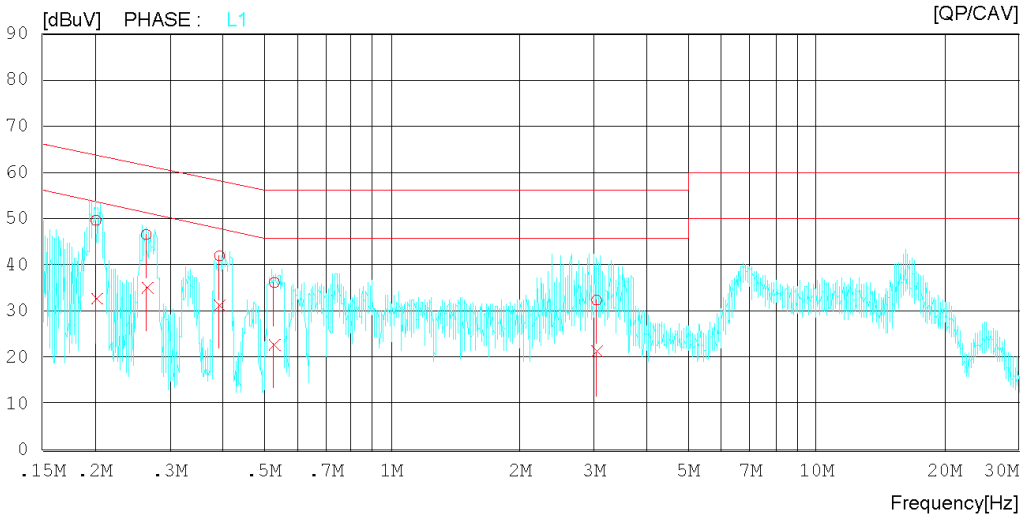

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CISPR32_B AV

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	0.19423	28.65	15.66	20.04	48.69	35.70	63.85	53.85	15.16	18.15	N
2	0.26112	27.60	17.28	19.83	47.43	37.11	61.40	51.40	13.97	14.29	N
3	0.39450	20.95	12.09	20.17	41.12	32.26	57.97	47.97	16.85	15.72	N
4	0.52240	16.87	7.23	20.24	37.11	27.47	56.00	46.00	18.89	18.54	N
5	3.02430	16.22	1.22	20.08	36.30	21.30	56.00	46.00	19.70	24.70	N
6	0.20112	29.62	12.62	20.00	49.62	32.62	63.56	53.56	13.94	20.94	L1
7	0.26423	26.72	15.32	19.84	46.56	35.16	61.30	51.30	14.74	16.14	L1
8	0.39280	21.78	11.22	20.17	41.95	31.39	58.00	48.00	16.05	16.61	L1
9	0.52895	15.98	2.66	20.24	36.22	22.90	56.00	46.00	19.78	23.10	L1
10	3.04110	12.33	1.08	20.08	32.41	21.16	56.00	46.00	23.59	24.84	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**	**-**

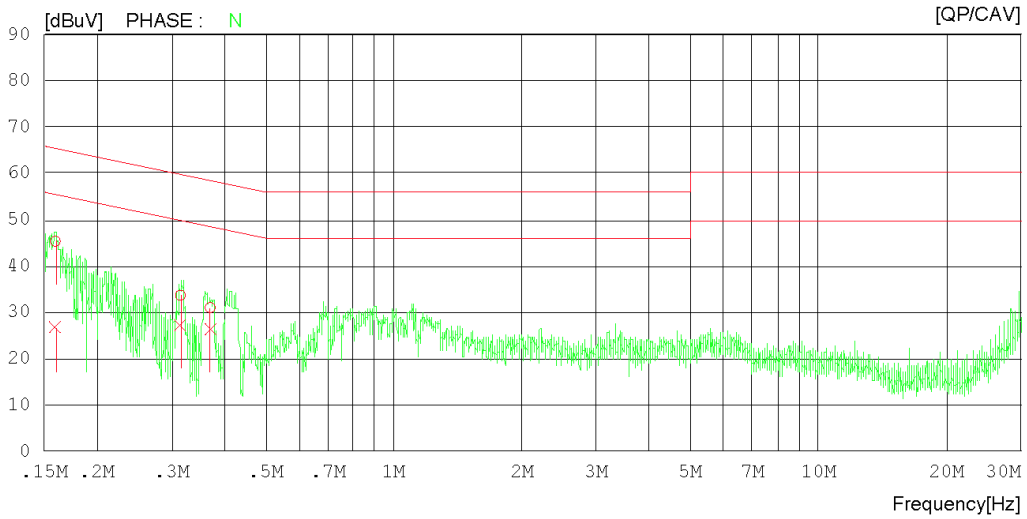
Results of Conducted Emission

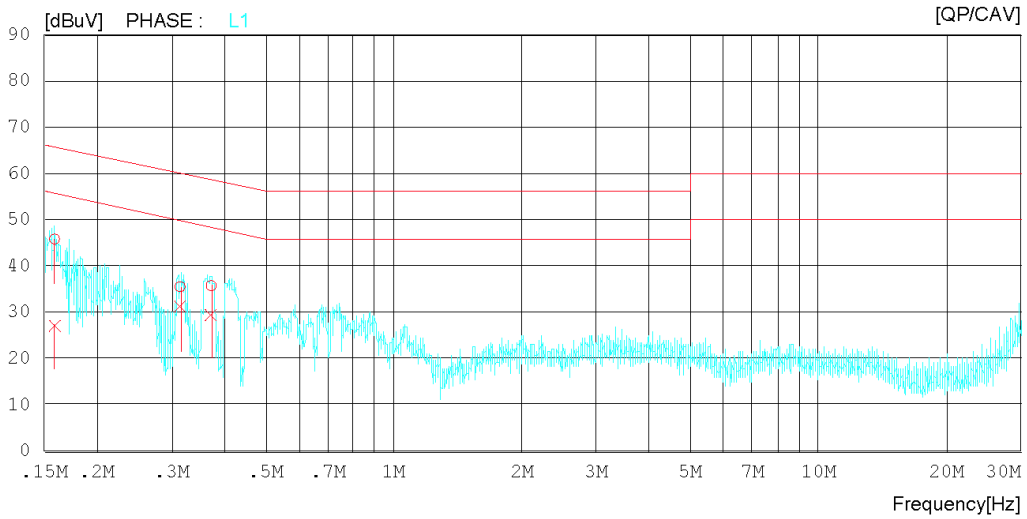
DT&C
Date 2020-01-17

Order No. DTNC1912-10605
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. DTNC1912-10605
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	0.15950	25.32	6.59	20.05	45.37	26.64	65.49	55.49	20.12	28.85	N
2	0.31403	13.75	7.57	19.96	33.71	27.53	59.86	49.86	26.15	22.33	N
3	0.36958	10.96	6.24	20.09	31.05	26.33	58.51	48.51	27.46	22.18	N
4	0.15873	25.76	7.08	20.04	45.80	27.12	65.53	55.53	19.73	28.41	L1
5	0.31365	15.59	11.36	19.96	35.55	31.32	59.87	49.87	24.32	18.55	L1
6	0.37149	15.63	9.48	20.10	35.73	29.58	58.47	48.47	22.74	18.89	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**	**-**

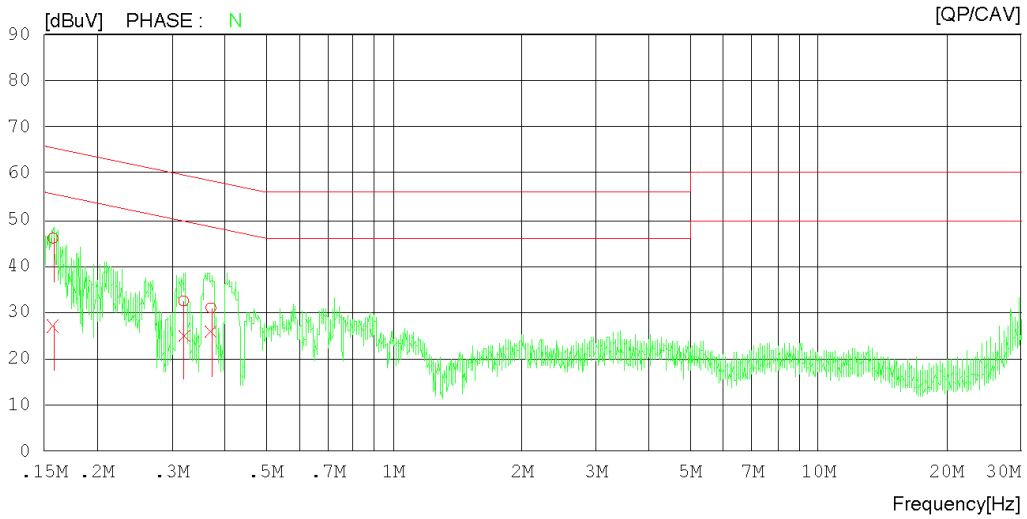
Results of Conducted Emission

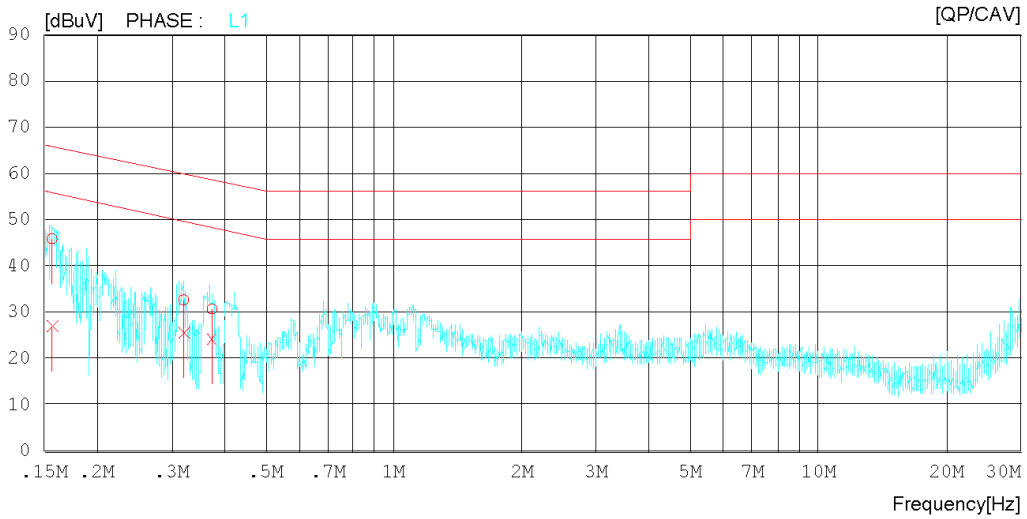
DT&C
Date 2020-01-17

Order No. DTNC1912-10605
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. DTNC1912-10605
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	0.15742	26.01	7.02	20.02	46.03	27.04	65.60	55.60	19.57	28.56	N
2	0.31987	12.44	5.14	19.97	32.41	25.11	59.71	49.71	27.30	24.60	N
3	0.37074	10.89	5.64	20.10	30.99	25.74	58.48	48.48	27.49	22.74	N
4	0.15673	25.86	7.02	20.01	45.87	27.03	65.64	55.64	19.77	28.61	L1
5	0.31950	12.68	5.60	19.97	32.65	25.57	59.72	49.72	27.07	24.15	L1
6	0.37270	10.57	3.98	20.11	30.68	24.09	58.44	48.44	27.76	24.35	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**	**-**

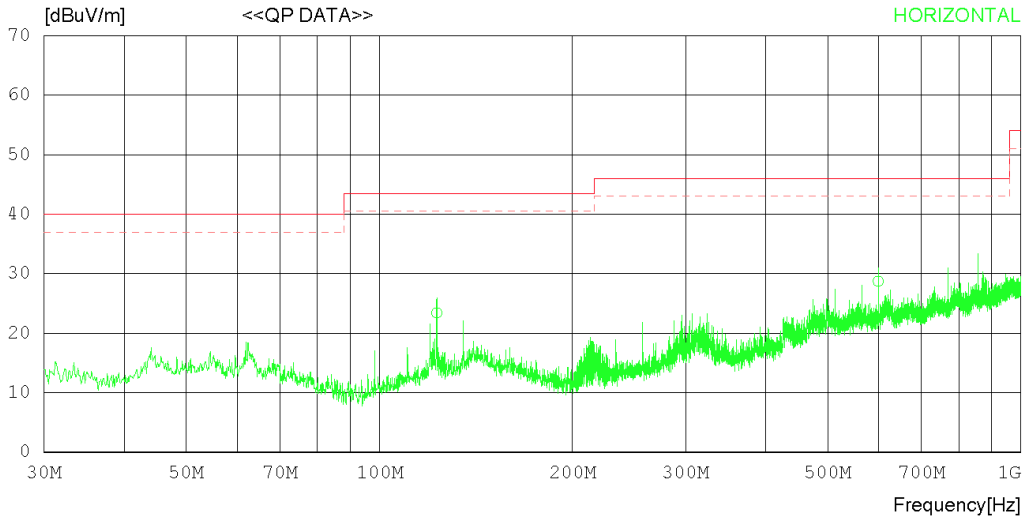
RADIATED EMISSION

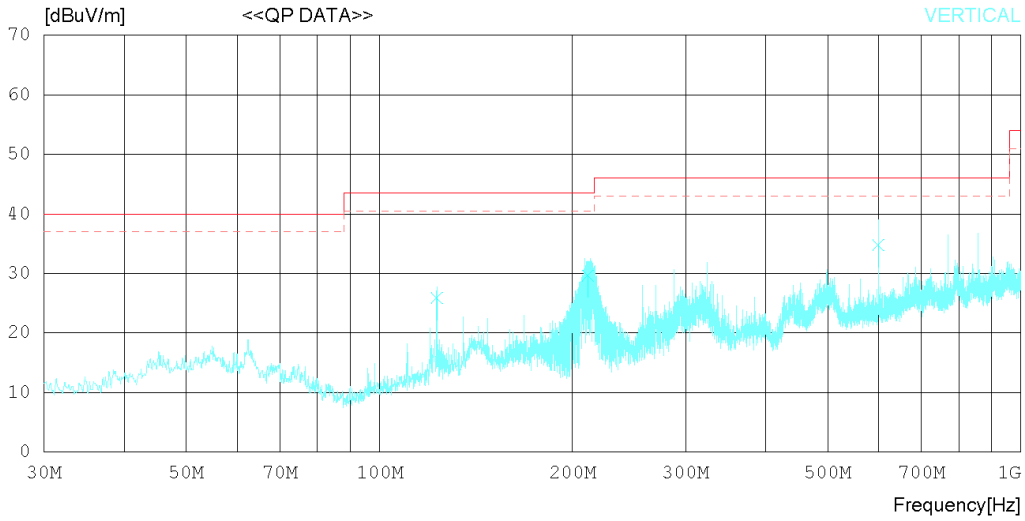
Date 2020-01-03

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	30.20	17.22	1.67	25.69	23.40	43.50	20.10	124	124
2	211.992	22.87	16.58	1.97	25.63	15.79	43.50	27.71	308	308
3	599.153	25.21	25.88	3.10	25.49	28.70	46.00	17.30	227	24
----- Vertical ------										
4	122.876	32.67	17.22	1.67	25.69	25.87	43.50	17.63	120	244
5	211.143	36.77	16.55	1.96	25.63	29.65	43.50	13.85	273	190
6	599.153	31.28	25.88	3.10	25.49	34.77	46.00	11.23	133	211

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**	**-**

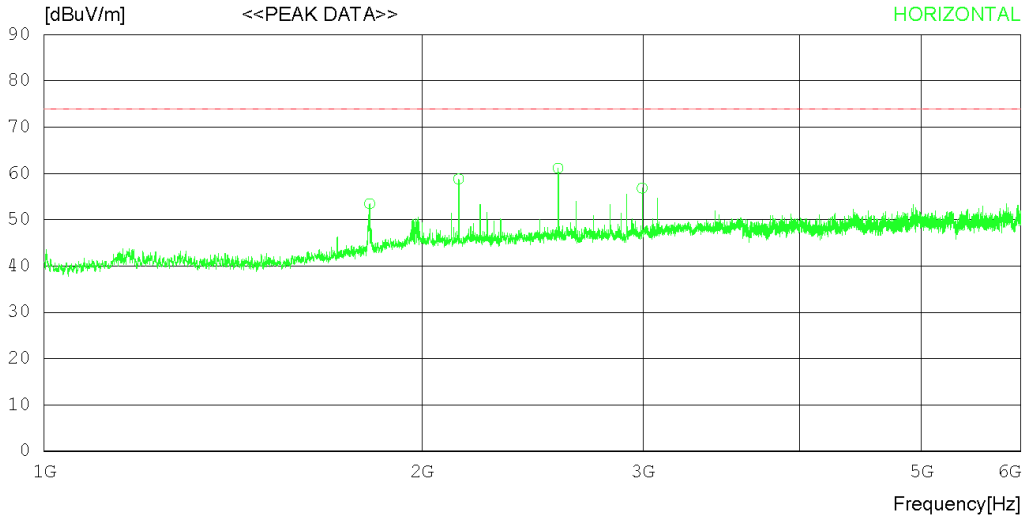
RADIATED EMISSION

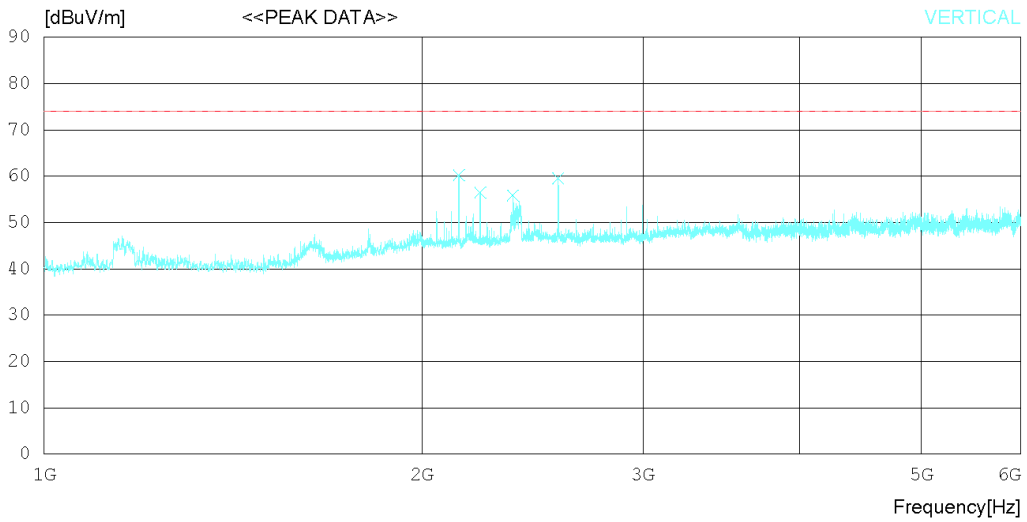
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	51.70	30.47	5.89	34.60	53.46	74.0	20.54	352	130
2	2139.375	55.00	31.70	6.53	34.42	58.81	74.0	15.19	124	224
3	2567.500	56.20	32.54	7.05	34.67	61.12	74.0	12.88	177	171
4	2995.625	51.50	32.49	7.74	34.93	56.80	74.0	17.2	250	216
----- Vertical ------										
5	2140.000	56.40	31.70	6.53	34.42	60.21	74.0	13.79	134	252
6	2225.625	52.70	31.60	6.66	34.47	56.49	74.0	17.51	250	105
7	2362.500	51.90	31.73	6.80	34.55	55.88	74.0	18.12	127	0
8	2567.500	54.60	32.54	7.05	34.67	59.52	74.0	14.48	335	219

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**	**-**

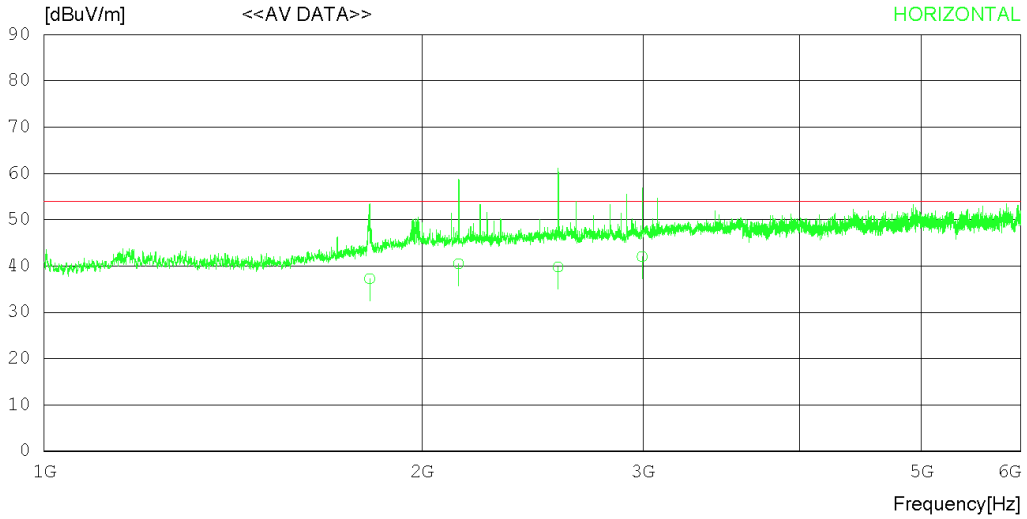
RADIATED EMISSION

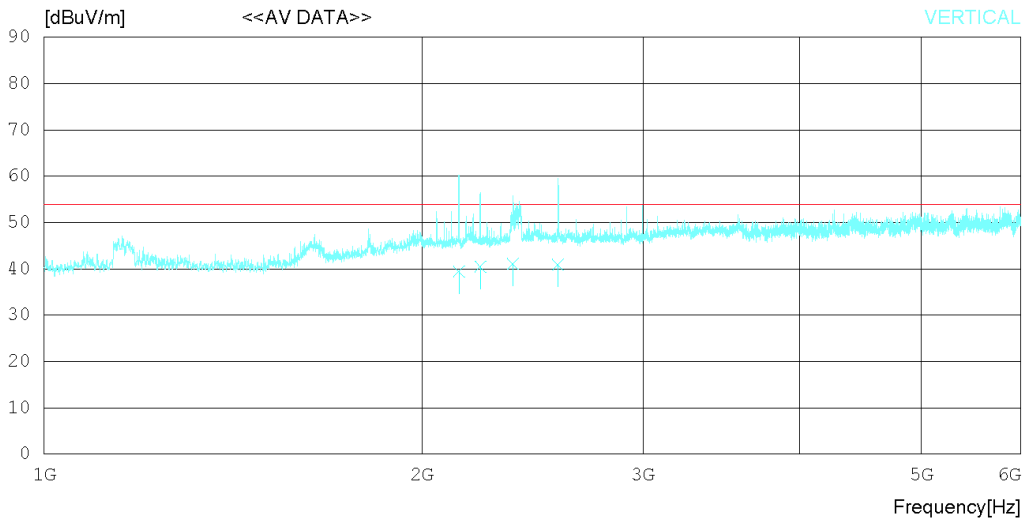
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.824	35.50	30.47	5.89	34.60	37.26	54.00	16.74	208	30
2	2139.311	36.70	31.70	6.53	34.42	40.51	54.00	13.49	224	244
3	2567.542	34.88	32.54	7.05	34.67	39.80	54.00	14.20	134	127
4	2995.651	36.72	32.49	7.74	34.93	42.02	54.00	11.98	322	116
----- Vertical ------										
5	2140.422	35.60	31.70	6.53	34.42	39.41	54.00	14.59	120	52
6	2225.611	36.72	31.60	6.66	34.47	40.51	54.00	13.49	223	125
7	2362.542	37.12	31.73	6.80	34.55	41.10	54.00	12.90	342	273
8	2567.566	35.98	32.54	7.05	34.67	40.90	54.00	13.10	277	291

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**	**-**

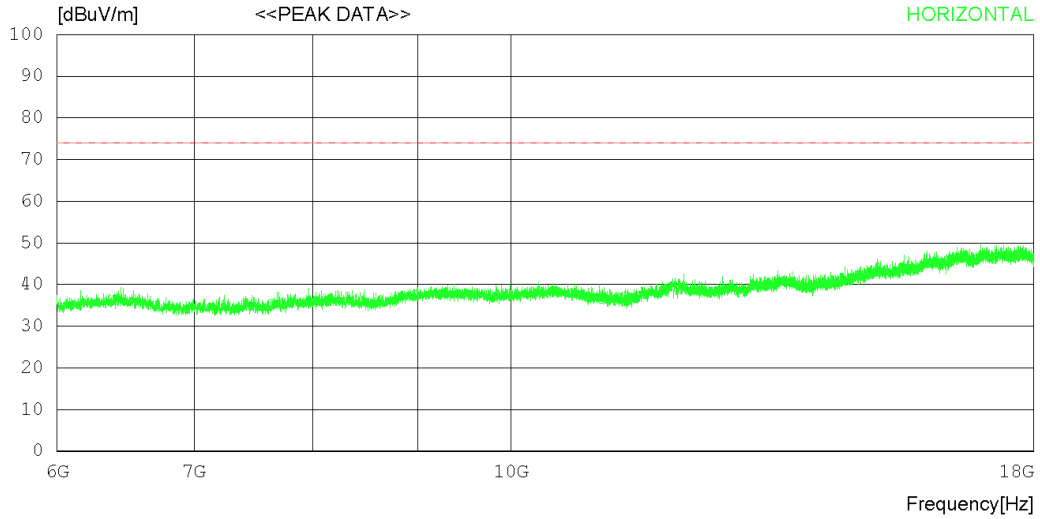
RADIATED EMISSION

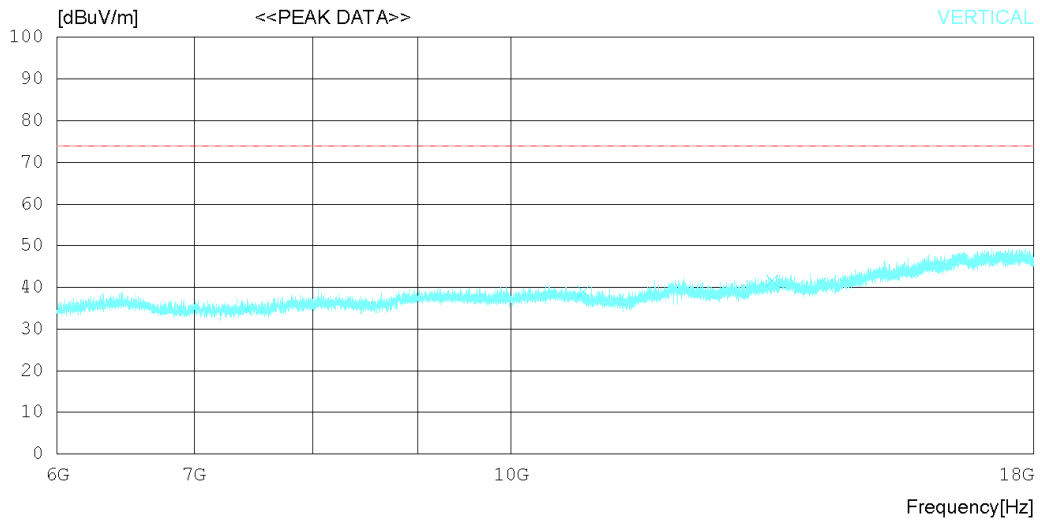
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	7640.250	29.70	31.35	12.11	37.88	35.28	74.0	38.72	256	0
2	8972.250	29.40	32.08	13.39	37.48	37.39	74.0	36.61	112	0
3	11064.750	27.60	32.48	14.92	38.31	36.69	74.0	37.31	353	30
----- Vertical ------										
4	7427.250	29.70	31.39	11.80	38.07	34.82	74.0	39.18	127	255
5	10850.250	30.10	32.43	14.71	38.24	39.00	74.0	35	223	0
6	13414.500	28.60	33.70	16.80	37.49	41.61	74.0	32.39	173	130

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**	**-**

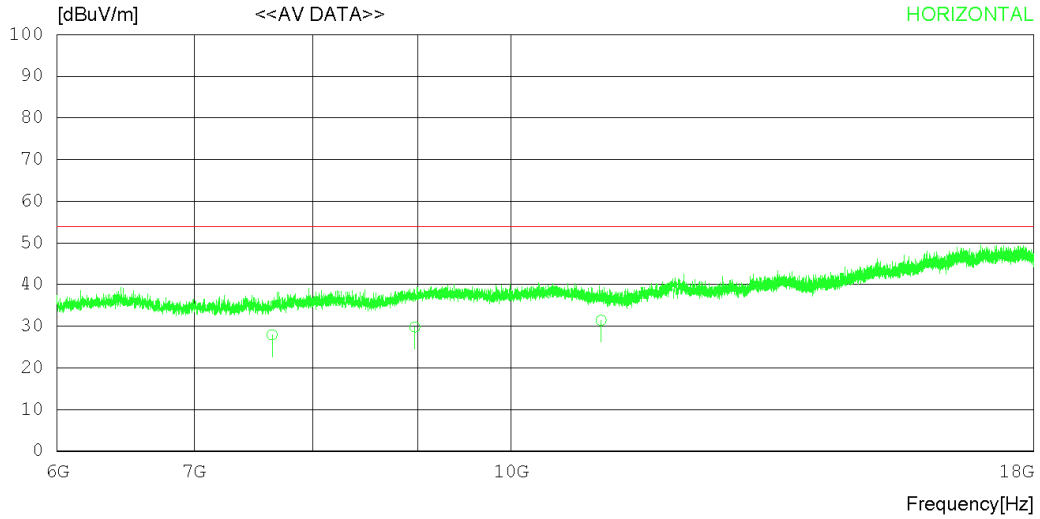
RADIATED EMISSION

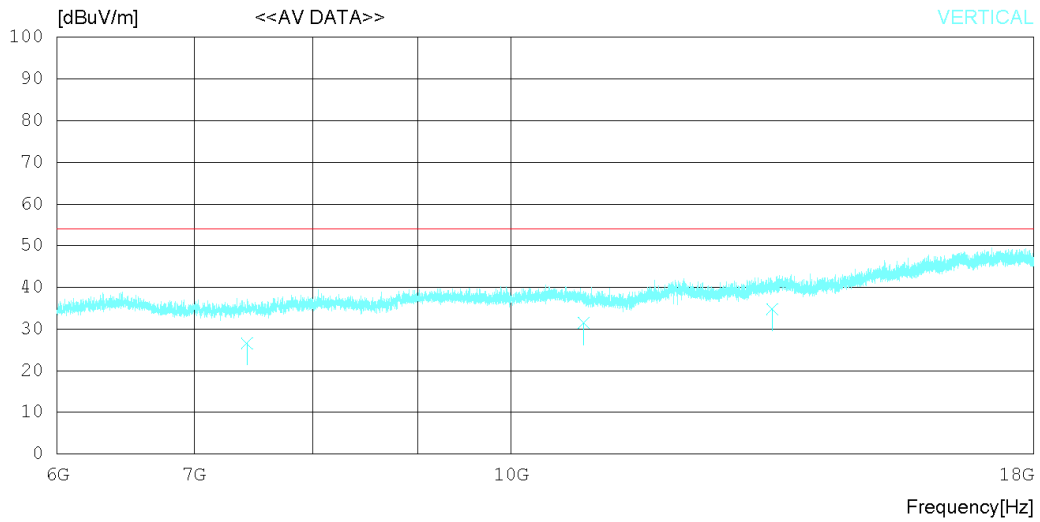
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	7640.211	22.36	31.35	12.11	37.88	27.94	54.00	26.06	120	78
2	8972.263	21.78	32.08	13.39	37.48	29.77	54.00	24.23	223	305
3	11064.350	22.33	32.48	14.92	38.31	31.42	54.00	22.58	278	142
----- Vertical ------										
4	7427.211	21.50	31.39	11.80	38.07	26.62	54.00	27.38	120	177
5	10850.240	22.66	32.43	14.71	38.24	31.56	54.00	22.44	208	205
6	13414.520	21.78	33.70	16.80	37.49	34.79	54.00	19.21	134	134

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**	**-**

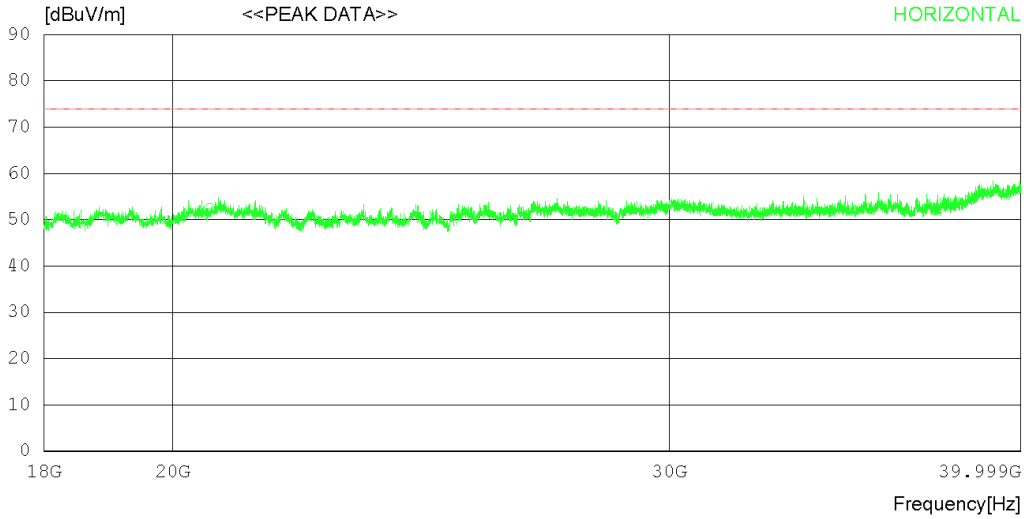
RADIATED EMISSION

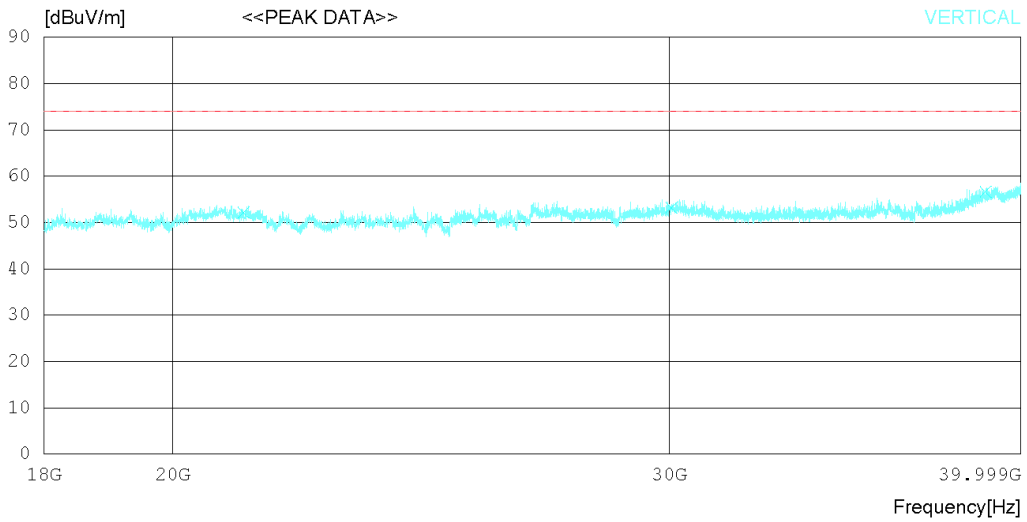
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20609.750	40.40	45.50	19.77	53.27	52.40	74.0	21.6	325	358
2	37316.000	34.70	46.00	24.30	52.85	52.15	74.0	21.85	115	30
3	38435.250	35.00	46.71	25.10	52.28	54.53	74.0	19.47	234	60
----- Vertical ------										
4	21192.750	39.70	45.60	20.40	53.54	52.16	74.0	21.84	142	0
5	30061.500	36.00	47.50	21.91	52.20	53.21	74.0	20.79	226	0
6	38861.500	35.90	47.42	25.62	52.26	56.68	74.0	17.32	138	41

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**	**-**

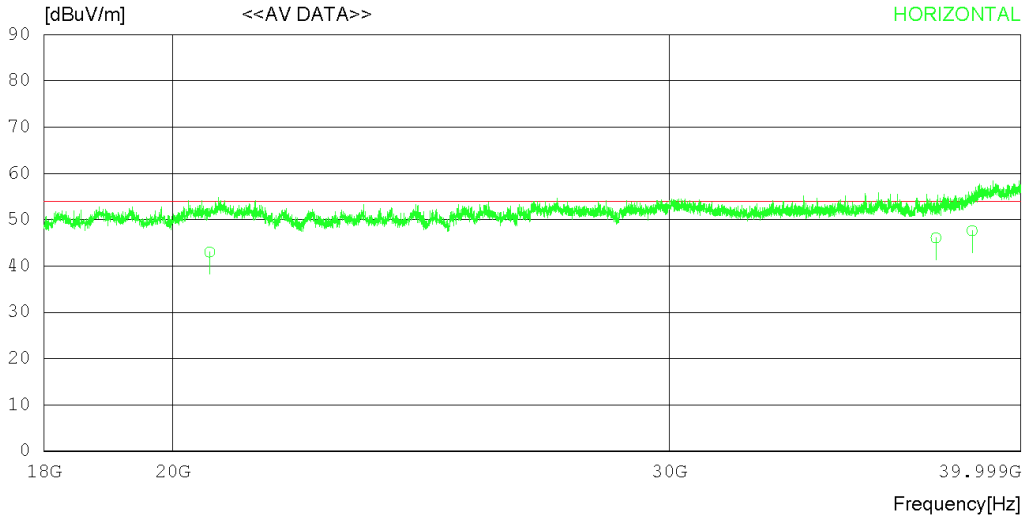
RADIATED EMISSION

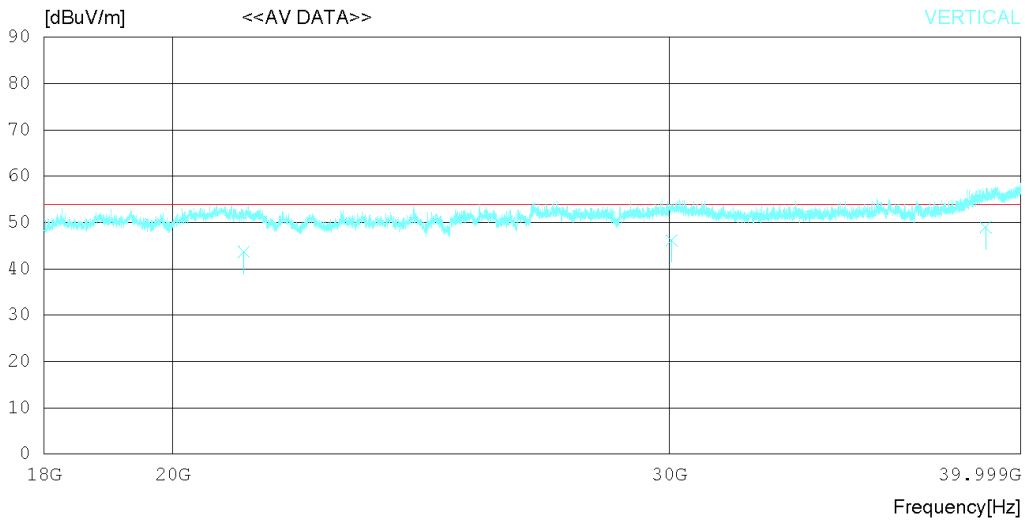
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20609.71030.98	45.50	19.77	53.27	42.98	54.00	11.02	124	176	
2	37316.04028.63	46.00	24.30	52.85	46.08	54.00	7.92	256	230	
3	38435.24028.11	46.71	25.10	52.28	47.64	54.00	6.36	335	188	
----- Vertical ------										
4	21192.74031.25	45.60	20.40	53.54	43.71	54.00	10.29	120	42	
5	30061.56028.96	47.50	21.91	52.20	46.17	54.00	7.83	223	74	
6	38861.54028.21	47.42	25.62	52.26	48.99	54.00	5.01	312	66	

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**	**-**

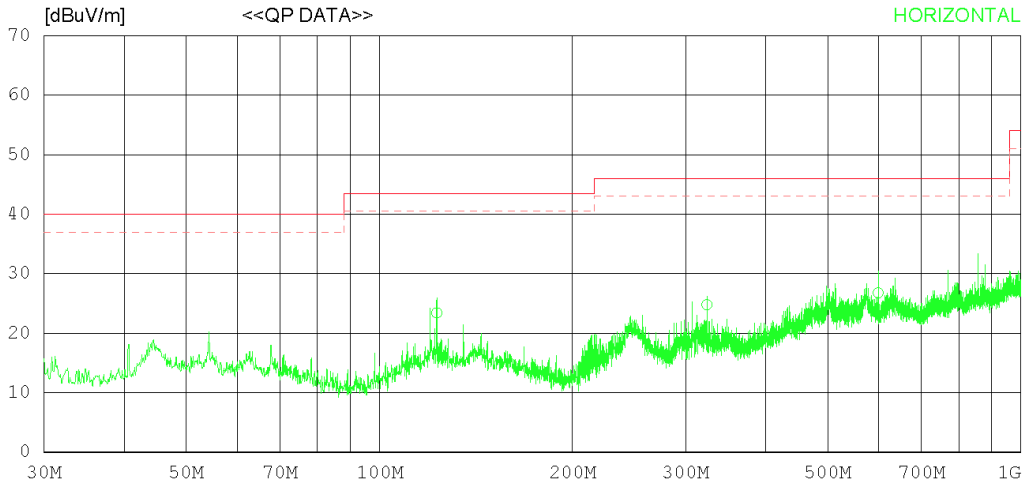
RADIATED EMISSION

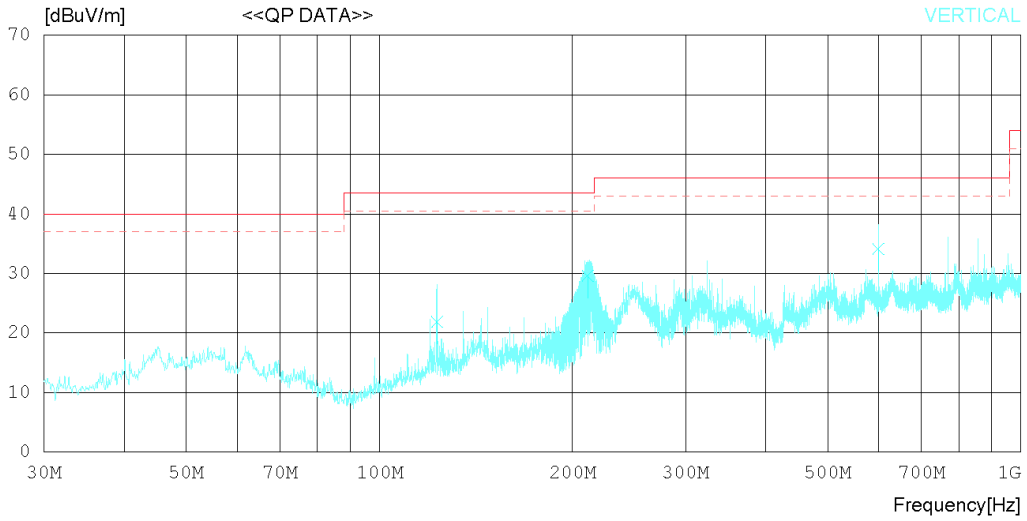
Date 2020-01-03

Order No. DTNC1912-10605
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. DTNC1912-10605
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	30.22	17.22	1.67	25.69	23.42	43.50	20.08	372	205
2	324.023	28.62	19.68	2.34	25.87	24.77	46.00	21.23	112	172
3	599.153	23.27	25.88	3.10	25.49	26.76	46.00	19.24	208	28
----- Vertical ------										
4	122.876	28.66	17.22	1.67	25.69	21.86	43.50	21.64	120	78
5	211.143	36.72	16.55	1.96	25.63	29.60	43.50	13.90	227	192
6	599.153	30.63	25.88	3.10	25.49	34.12	46.00	11.88	322	200

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**	**-**

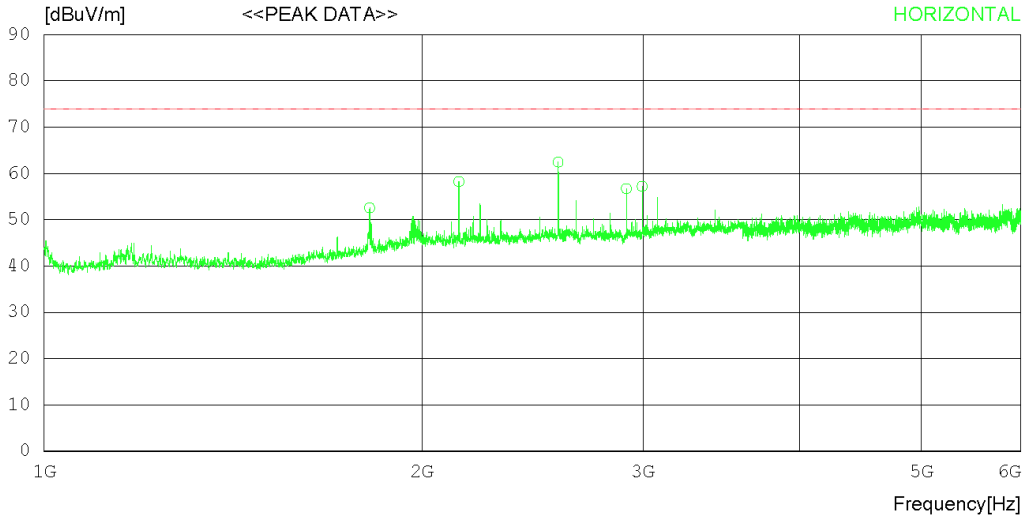
RADIATED EMISSION

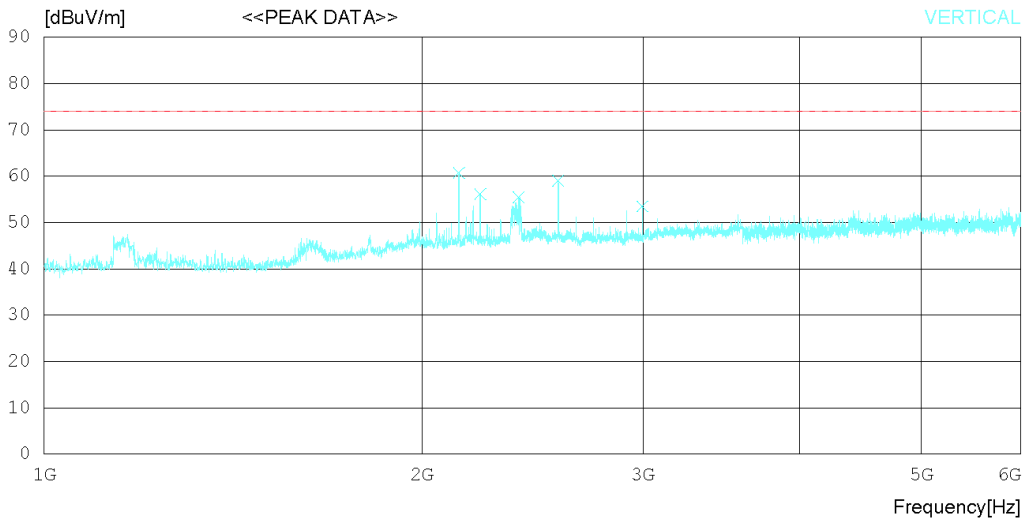
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.875	50.80	30.47	5.89	34.60	52.56	74.0	21.44	235	358
2	2140.000	54.40	31.70	6.53	34.42	58.21	74.0	15.79	127	358
3	2567.500	57.50	32.54	7.05	34.67	62.42	74.0	11.58	205	173
4	2910.000	51.80	32.24	7.56	34.88	56.72	74.0	17.28	127	173
5	2995.625	51.90	32.49	7.74	34.93	57.20	74.0	16.8	135	193
----- Vertical ------										
6	2140.000	56.90	31.70	6.53	34.42	60.71	74.0	13.29	225	250
7	2225.625	52.40	31.60	6.66	34.47	56.19	74.0	17.81	127	105
8	2388.750	51.50	31.78	6.83	34.57	55.54	74.0	18.46	325	187
9	2568.125	54.10	32.54	7.05	34.68	59.01	74.0	14.99	127	250
10	2995.625	48.20	32.49	7.74	34.93	53.50	74.0	20.5	335	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**	**-**

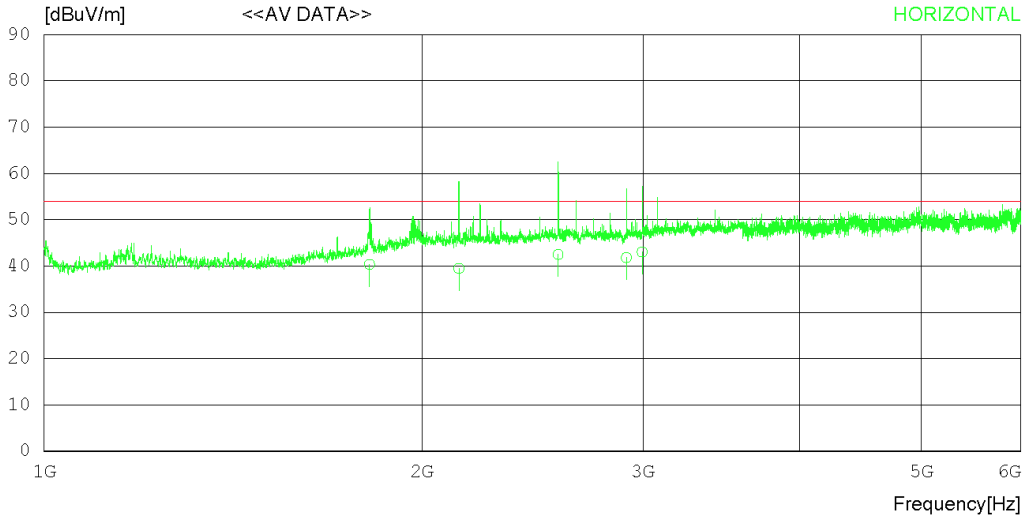
RADIATED EMISSION

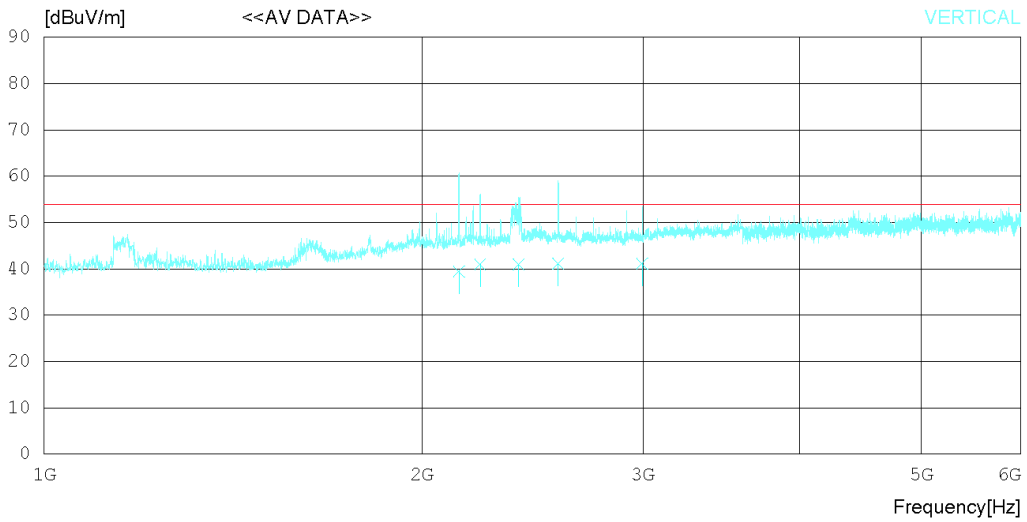
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.242	38.60	30.46	5.89	34.60	40.35	54.00	13.65	205	78
2	2140.078	35.67	31.70	6.53	34.42	39.48	54.00	14.52	243	134
3	2567.544	37.56	32.54	7.05	34.67	42.48	54.00	11.52	344	276
4	2910.065	36.89	32.24	7.56	34.88	41.81	54.00	12.19	112	317
5	2995.611	37.72	32.49	7.74	34.93	43.02	54.00	10.98	256	135
----- Vertical ------										
6	2140.024	35.60	31.70	6.53	34.42	39.41	54.00	14.59	120	124
7	2225.423	37.20	31.60	6.66	34.47	40.99	54.00	13.01	224	78
8	2388.682	36.87	31.78	6.83	34.57	40.91	54.00	13.09	321	68
9	2568.125	36.22	32.54	7.05	34.68	41.13	54.00	12.87	224	241
10	2995.120	35.89	32.49	7.74	34.93	41.19	54.00	12.81	137	308

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**	**-**

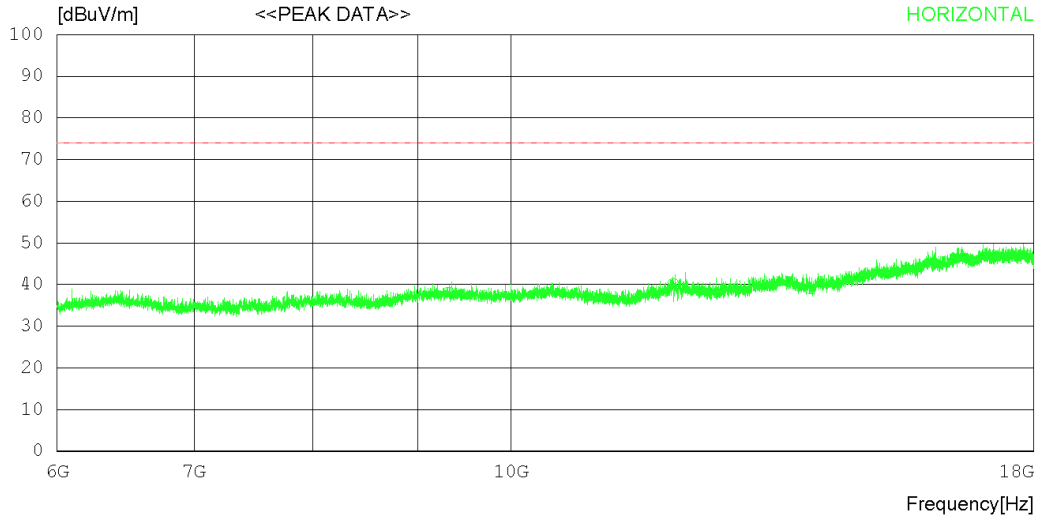
RADIATED EMISSION

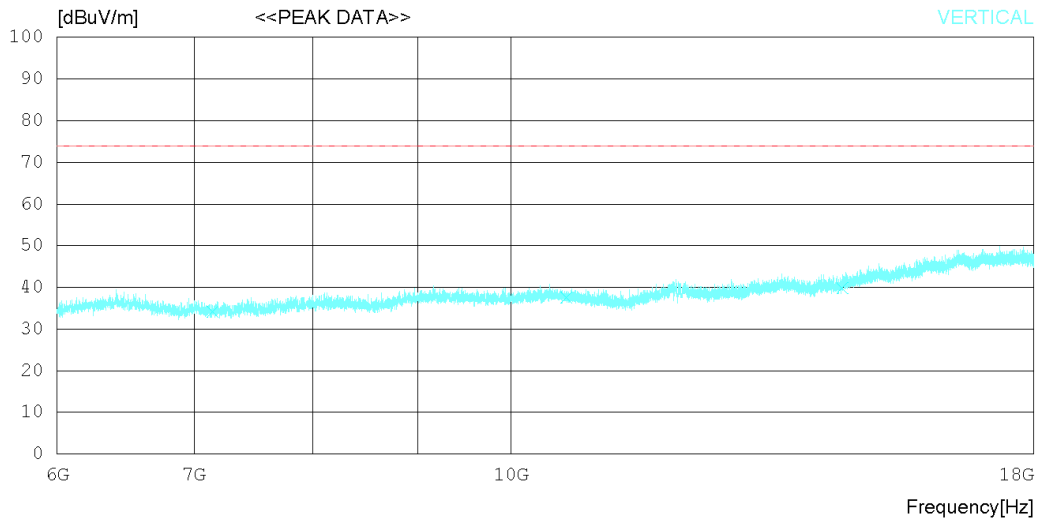
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	9320.250	29.70	32.24	14.01	37.76	38.19	74.0	35.81	243	0
2	11997.750	28.80	33.46	15.68	37.70	40.24	74.0	33.76	277	38
3	14002.500	25.40	33.91	17.19	37.50	39.00	74.0	35	305	358
----- Vertical ------										
4	7146.750	29.40	31.43	11.57	38.25	34.15	74.0	39.85	265	209
5	10641.750	28.60	32.46	14.74	38.16	37.64	74.0	36.36	113	285
6	14510.250	25.10	34.70	17.59	37.59	39.80	74.0	34.2	256	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**	**-**

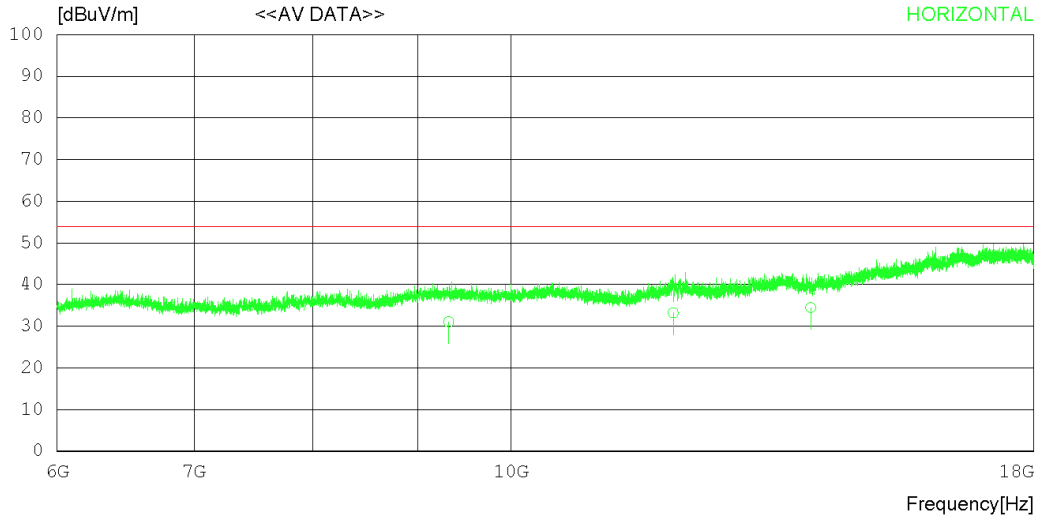
RADIATED EMISSION

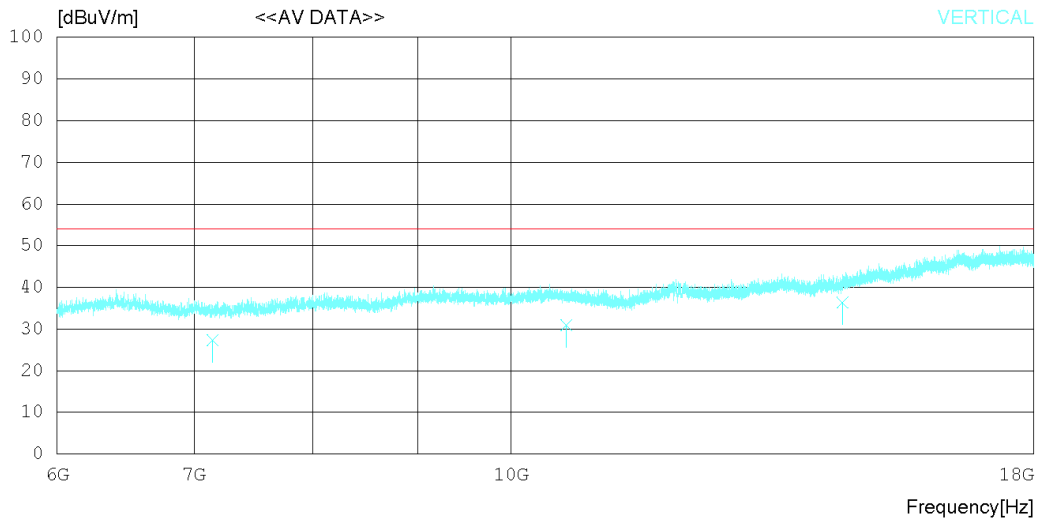
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	9320.212	22.60	32.24	14.01	37.76	31.09	54.00	22.91	213	178
2	11997.730	21.76	33.46	15.68	37.70	33.20	54.00	20.80	315	138
3	14002.540	20.87	33.91	17.19	37.50	34.47	54.00	19.53	224	223
----- Vertical ------										
4	7146.742	22.60	31.43	11.57	38.25	27.35	54.00	26.65	243	24
5	10641.710	21.87	32.46	14.74	38.16	30.91	54.00	23.09	114	277
6	14510.240	21.66	34.70	17.59	37.59	36.36	54.00	17.64	305	133

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**	**-**

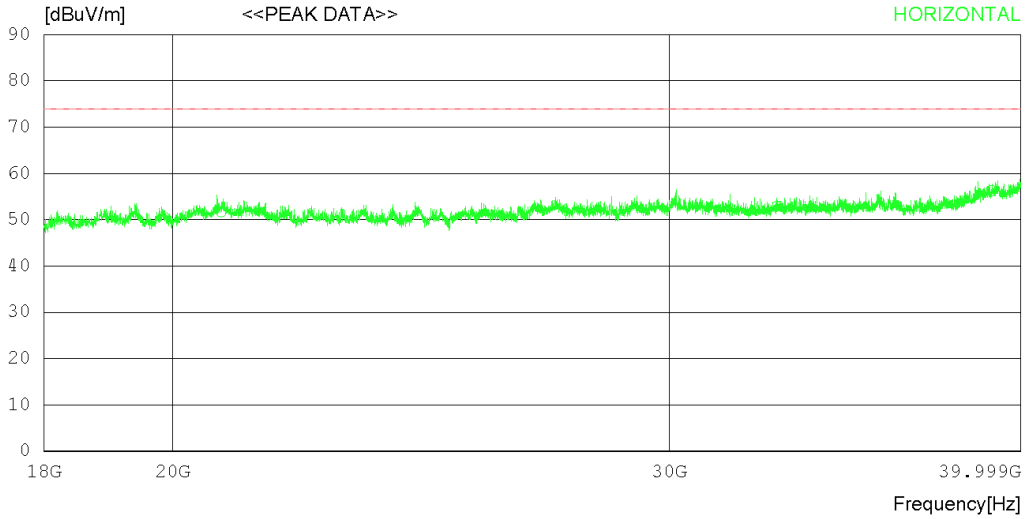
RADIATED EMISSION

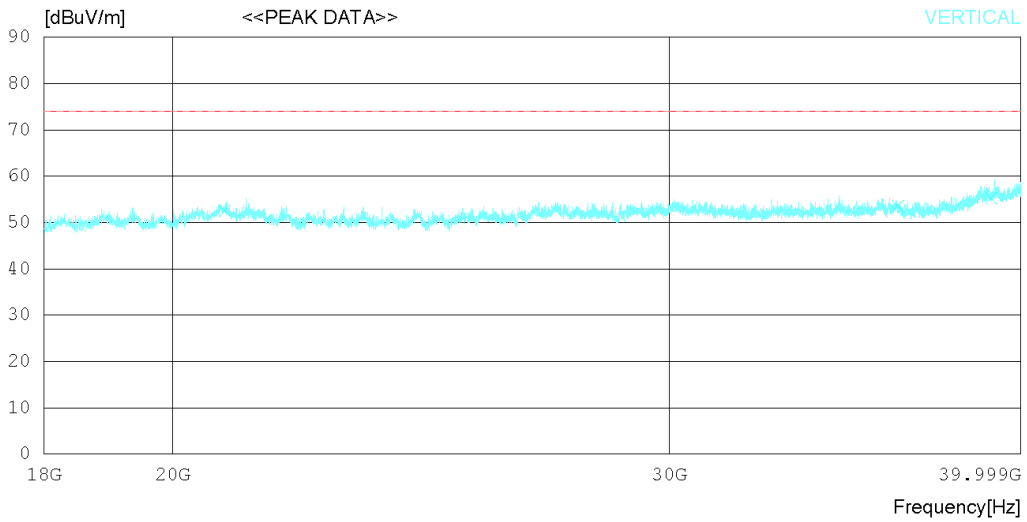
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20805.000	39.30	45.60	20.14	53.36	51.68	74.0	22.32	246	358
2	32789.500	35.50	46.99	23.21	52.73	52.97	74.0	21.03	113	358
3	39051.250	35.20	47.65	25.70	52.25	56.30	74.0	17.7	276	358
----- Vertical ------										
4	20865.500	40.10	45.60	20.26	53.39	52.57	74.0	21.43	325	174
5	36174.750	36.60	46.65	24.11	53.76	53.60	74.0	20.4	225	0
6	39043.000	34.20	47.64	25.72	52.25	55.31	74.0	18.69	217	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**	**-**

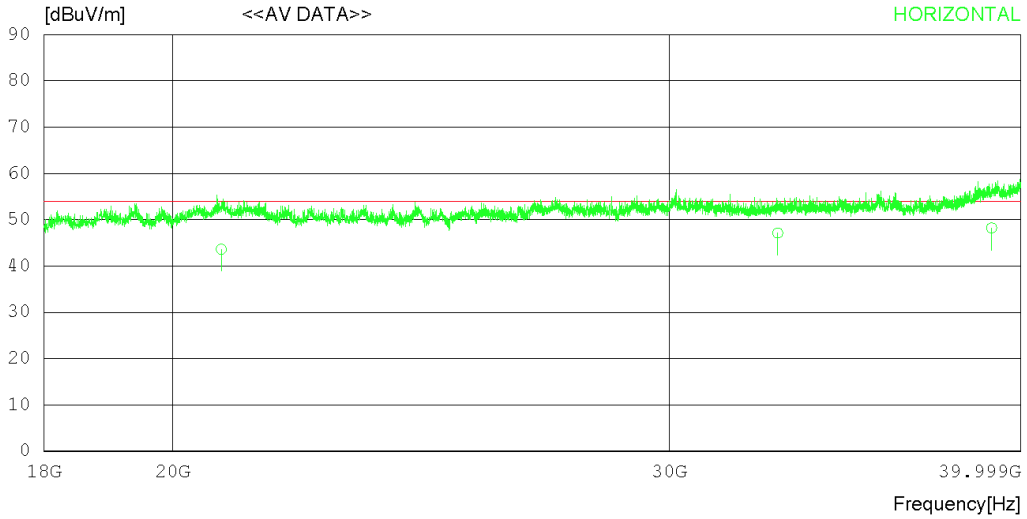
RADIATED EMISSION

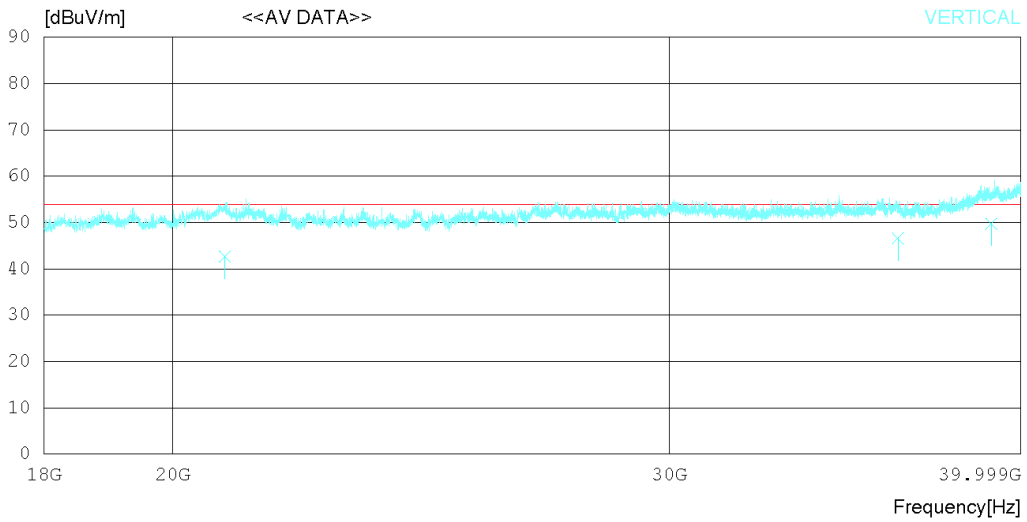
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20805.12031.25	45.60	20.14	53.36	43.63	54.00	10.37	230	120	
2	32789.57029.63	46.99	23.21	52.73	47.10	54.00	6.90	274	332	
3	39051.21027.11	47.65	25.70	52.25	48.21	54.00	5.79	175	273	
----- Vertical ------										
4	20865.54030.22	45.60	20.26	53.39	42.69	54.00	11.31	120	132	
5	36174.33029.60	46.65	24.11	53.76	46.60	54.00	7.40	234	262	
6	39043.08028.62	47.64	25.72	52.25	49.73	54.00	4.27	277	312	

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**

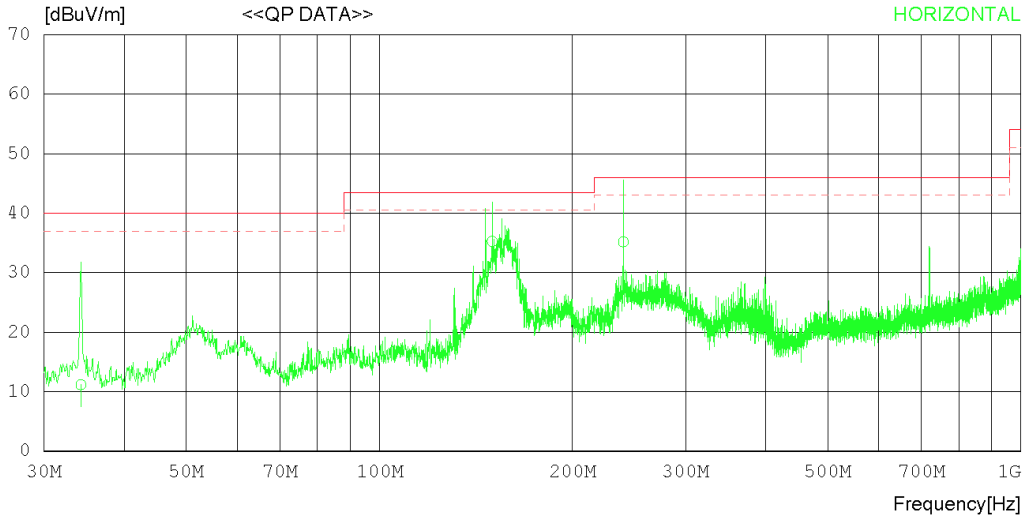
RADIATED EMISSION

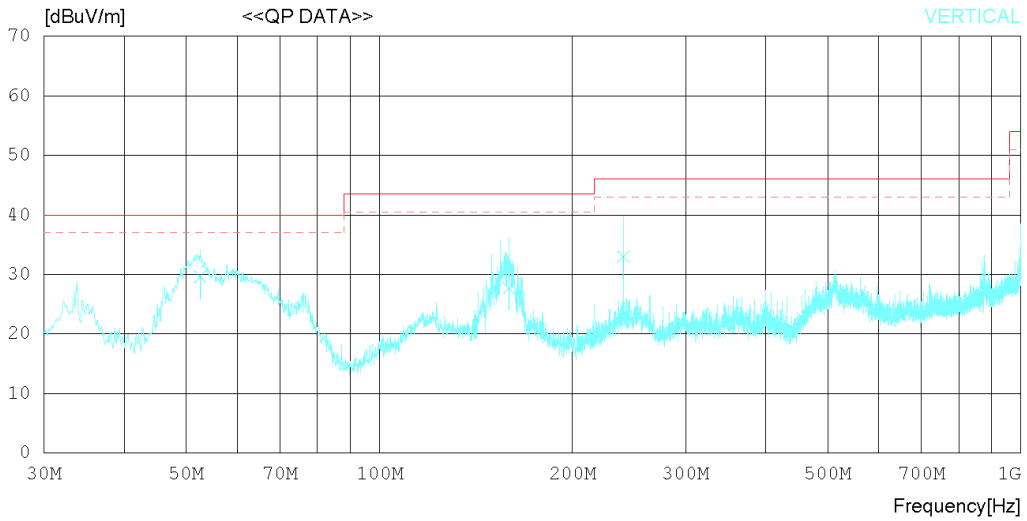
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	34.244	20.12	15.72	1.14	25.82	11.16	40.00	28.84	326	301
2	149.914	40.26	18.90	1.77	25.67	35.26	43.50	8.24	277	282
3	240.000	40.70	18.10	2.07	25.71	35.16	46.00	10.84	305	311
----- Vertical ------										
4	52.553	35.67	18.46	1.29	25.79	29.63	40.00	10.37	122	124
5	159.007	32.68	18.90	1.78	25.66	27.70	43.50	15.80	205	78
6	240.000	38.52	18.10	2.07	25.71	32.98	46.00	13.02	173	322

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**

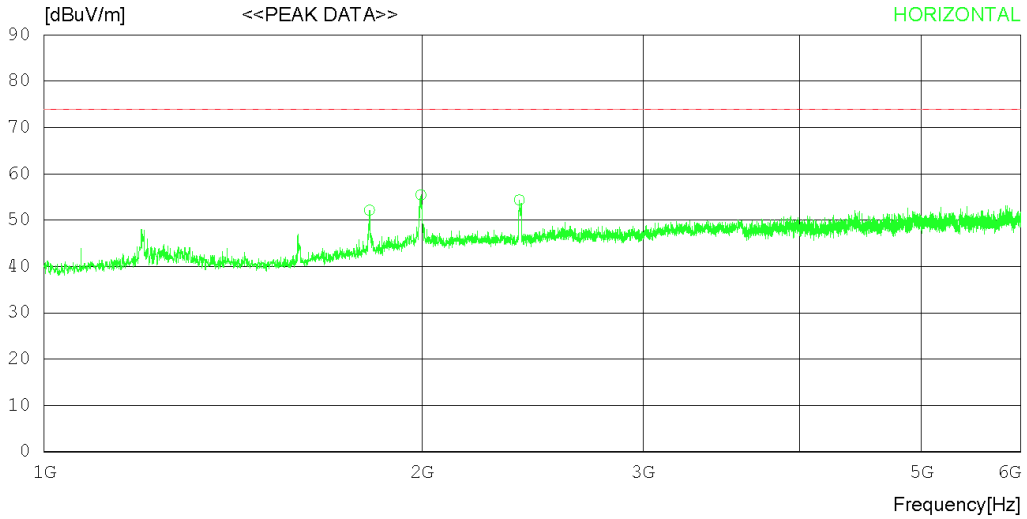
RADIATED EMISSION

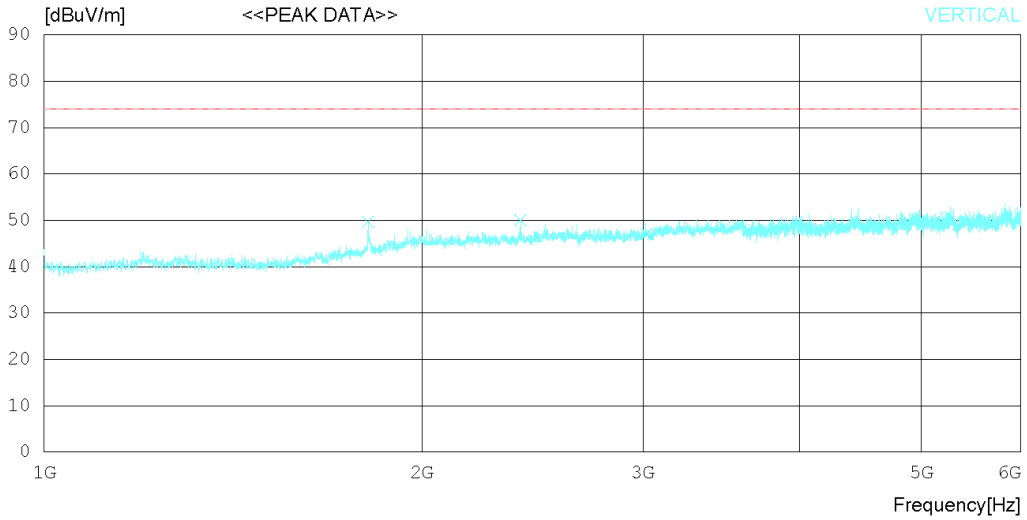
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.250	50.40	30.47	5.89	34.60	52.16	74.0	21.84	235	358
2	1996.250	51.90	31.59	6.31	34.35	55.45	74.0	18.55	342	358
3	2391.250	50.30	31.78	6.85	34.57	54.36	74.0	19.64	202	358
----- Vertical ------										
4	1811.875	48.00	30.45	5.88	34.61	49.72	74.0	24.28	353	312
5	2396.250	45.90	31.79	6.85	34.57	49.97	74.0	24.03	242	61
6	3020.625	41.60	32.58	7.77	34.90	47.05	74.0	26.95	277	93

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**

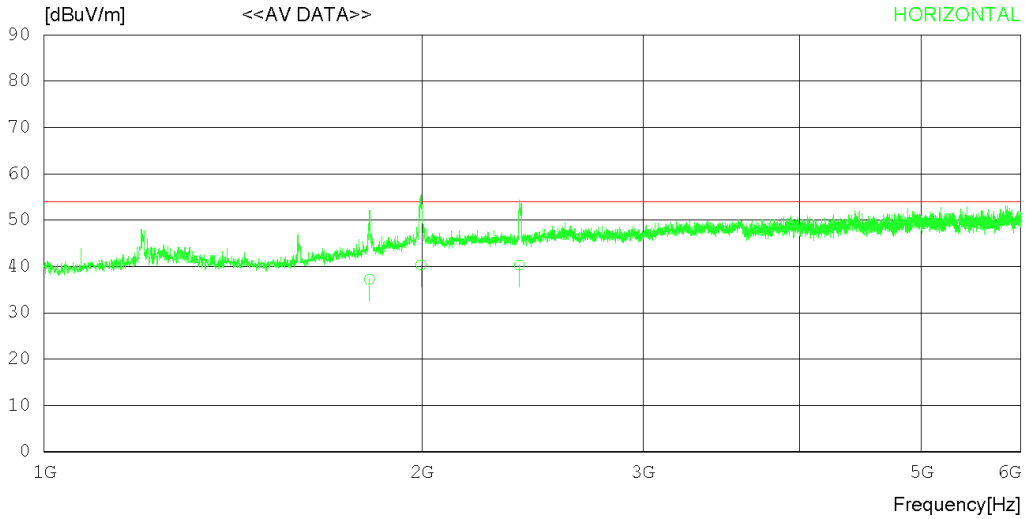
RADIATED EMISSION

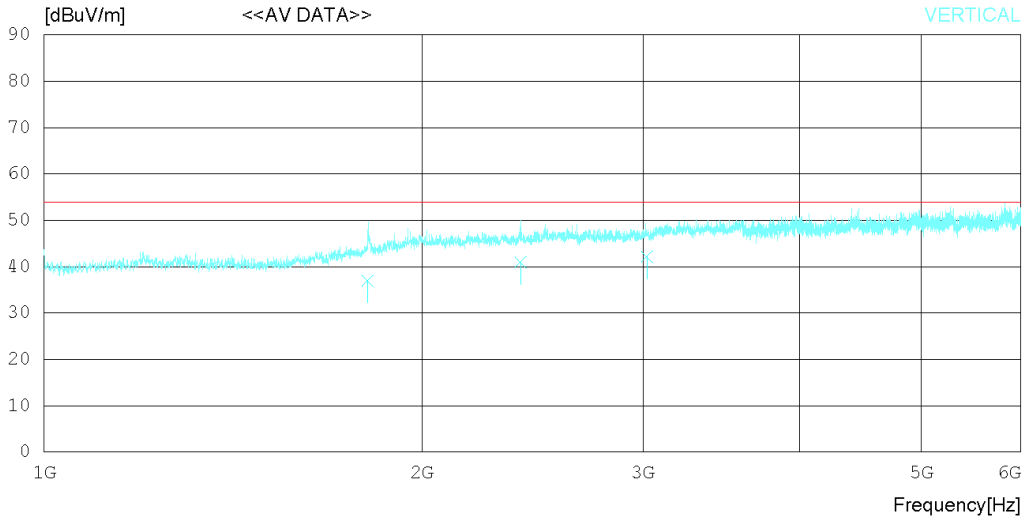
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.212	35.50	30.46	5.89	34.60	37.25	54.00	16.75	232	245
2	1996.124	36.80	31.59	6.31	34.35	40.35	54.00	13.65	342	335
3	2391.232	36.27	31.78	6.85	34.57	40.33	54.00	13.67	272	243
----- Vertical ------										
4	1811.124	35.24	30.44	5.88	34.61	36.95	54.00	17.05	120	127
5	2396.250	36.87	31.79	6.85	34.57	40.94	54.00	13.06	205	226
6	3020.625	36.72	32.58	7.77	34.90	42.17	54.00	11.83	277	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**

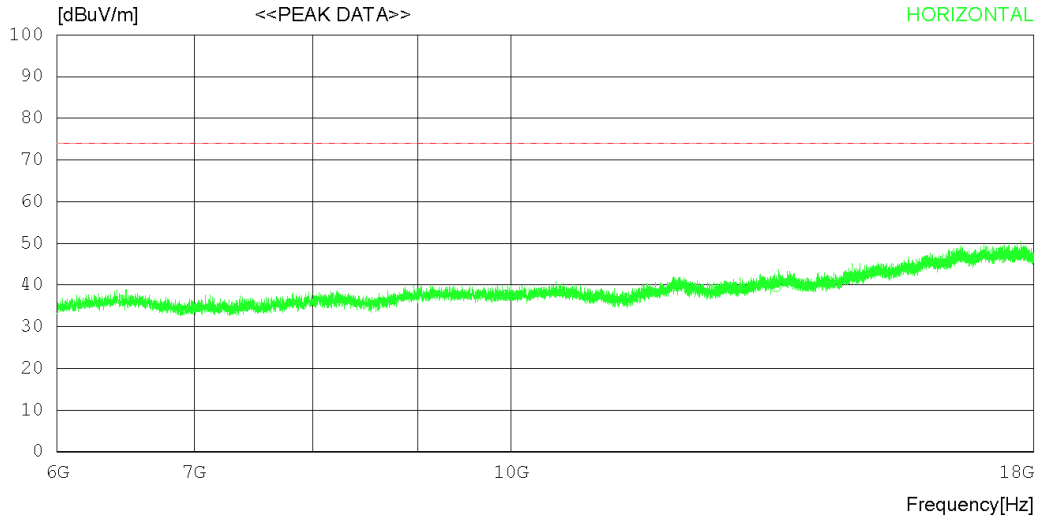
RADIATED EMISSION

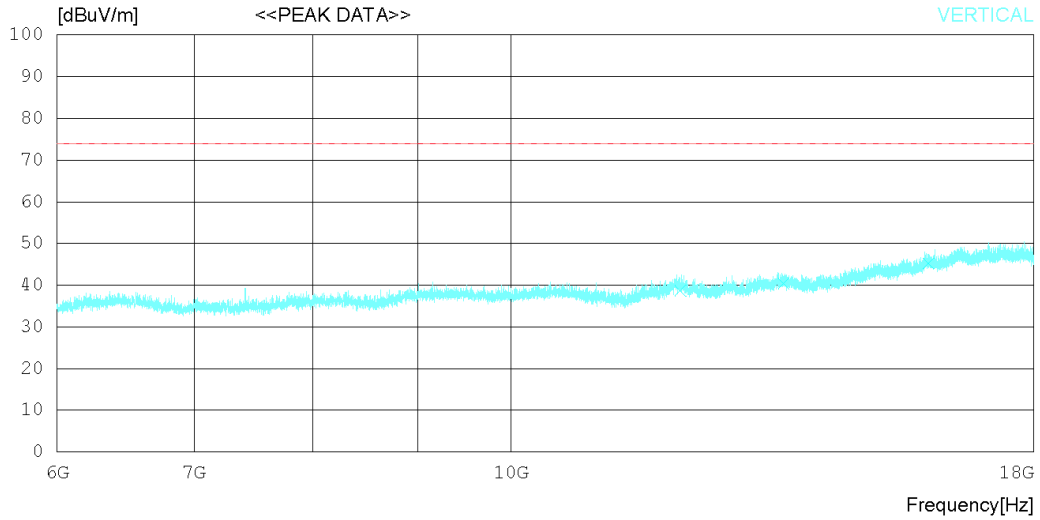
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	9944.250	28.20	32.52	14.31	37.54	37.49	74.0	36.51	211	0
2	12059.250	28.40	33.47	15.64	37.78	39.73	74.0	34.27	223	358
3	13465.500	26.40	33.72	16.95	37.43	39.64	74.0	34.36	172	358
4	15132.750	26.80	35.58	18.19	36.89	43.68	74.0	30.32	217	356
----- Vertical ------										
5	12095.250	27.40	33.47	15.61	37.83	38.65	74.0	35.35	312	288
6	13584.000	26.80	33.76	17.29	37.42	40.43	74.0	33.57	335	167
7	15989.250	26.20	36.41	19.03	36.40	45.24	74.0	28.76	372	114

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**

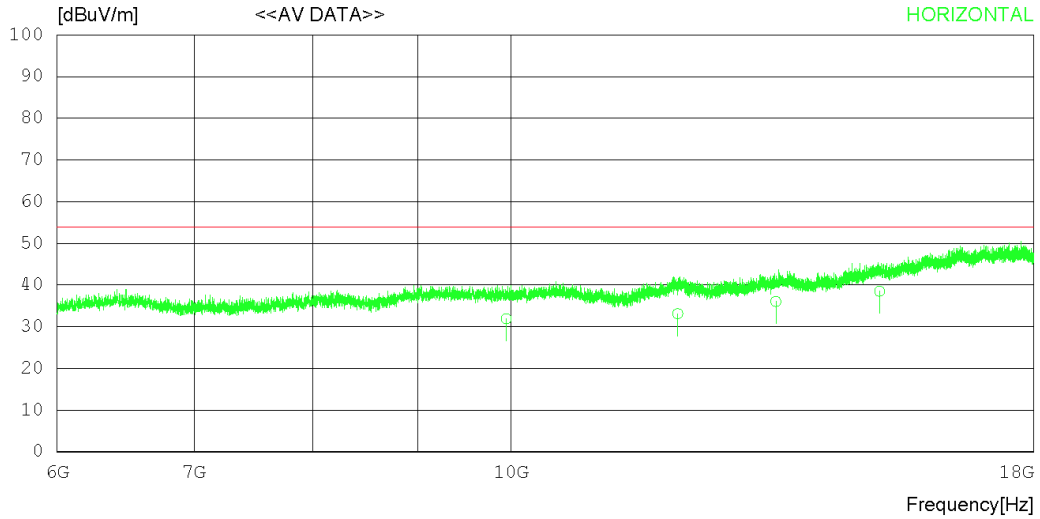
RADIATED EMISSION

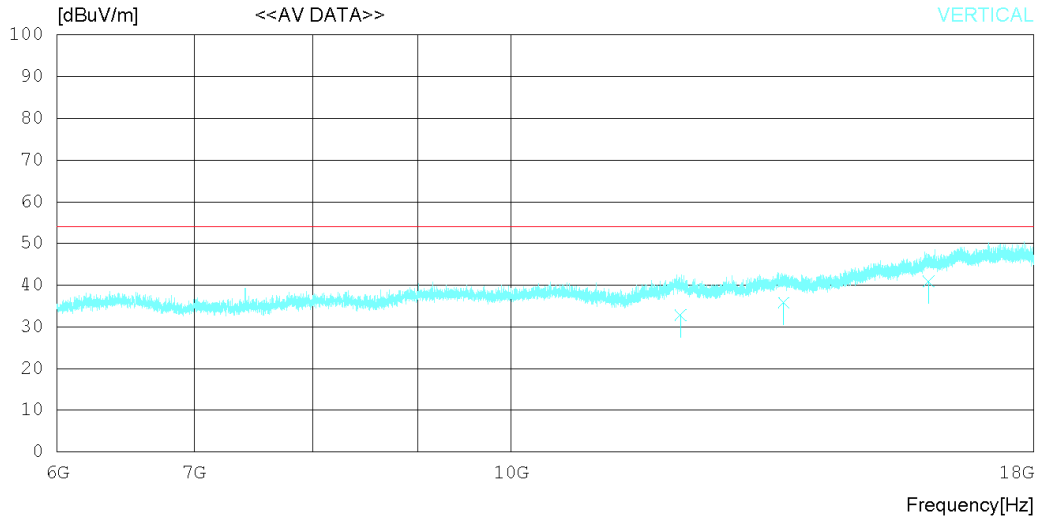
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	9944.211	22.60	32.52	14.31	37.54	31.89	54.00	22.11	120	134
2	12059.240	21.78	33.47	15.64	37.78	33.11	54.00	20.89	203	142
3	13465.510	22.79	33.72	16.95	37.43	36.03	54.00	17.97	127	278
4	15132.520	21.63	35.58	18.19	36.89	38.51	54.00	15.49	227	112
----- Vertical ------										
5	12095.210	21.63	33.47	15.61	37.83	32.88	54.00	21.12	232	162
6	13584.330	22.12	33.76	17.29	37.42	35.75	54.00	18.25	277	227
7	15989.210	21.89	36.41	19.03	36.40	40.93	54.00	13.07	136	78

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**

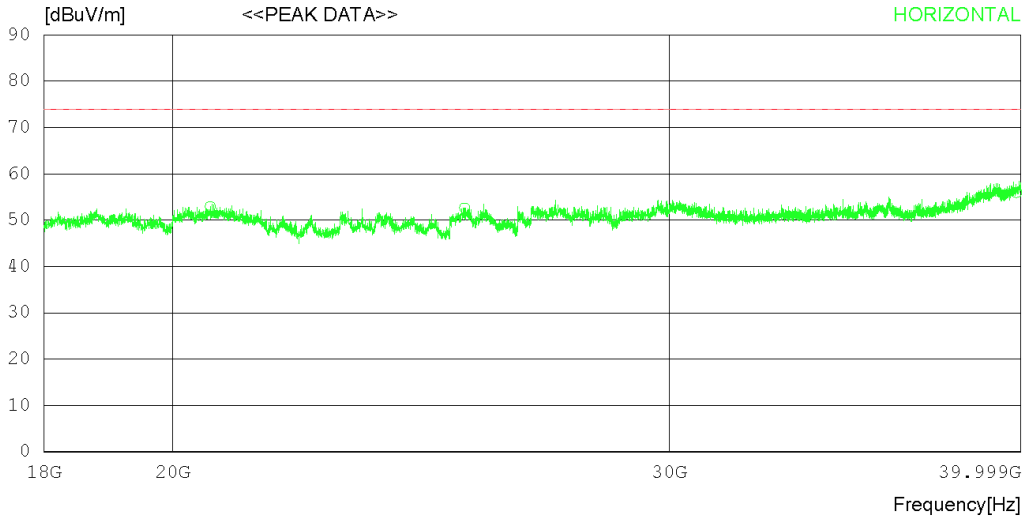
RADIATED EMISSION

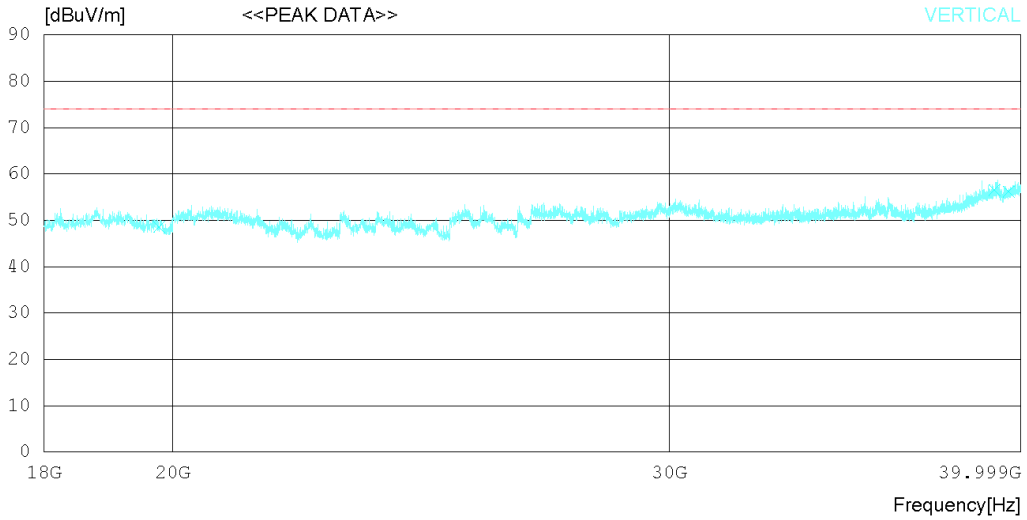
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20618.000	40.90	45.50	19.78	53.28	52.90	74.0	21.1	231	358
2	25383.750	39.70	45.70	20.90	53.68	52.62	74.0	21.38	112	78
3	39862.500	34.60	49.03	24.52	52.21	55.94	74.0	18.06	135	358
----- Vertical ------										
4	19776.500	37.70	45.12	18.57	52.80	48.59	74.0	25.41	236	0
5	39147.500	35.40	47.80	25.56	52.24	56.52	74.0	17.48	347	181
6	39606.750	35.00	48.51	24.89	52.22	56.18	74.0	17.82	224	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**

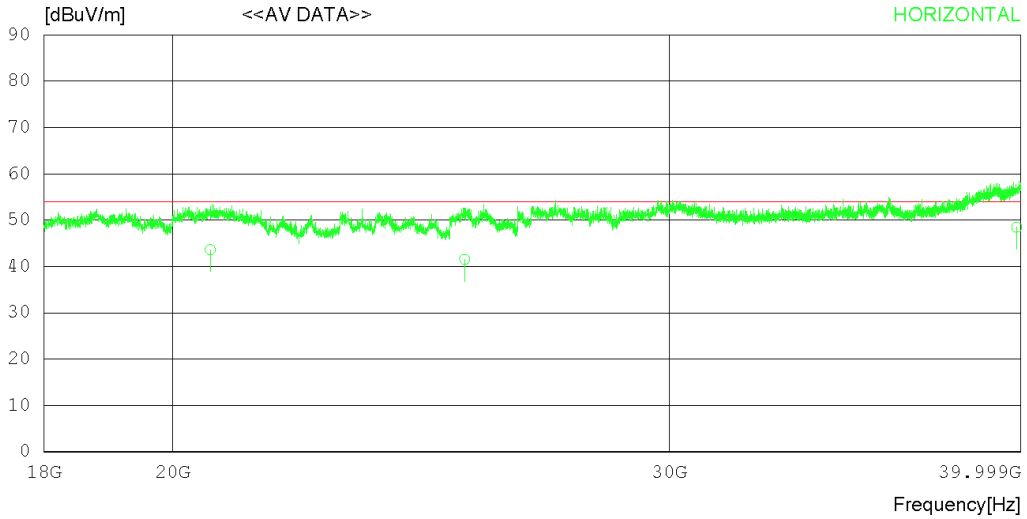
RADIATED EMISSION

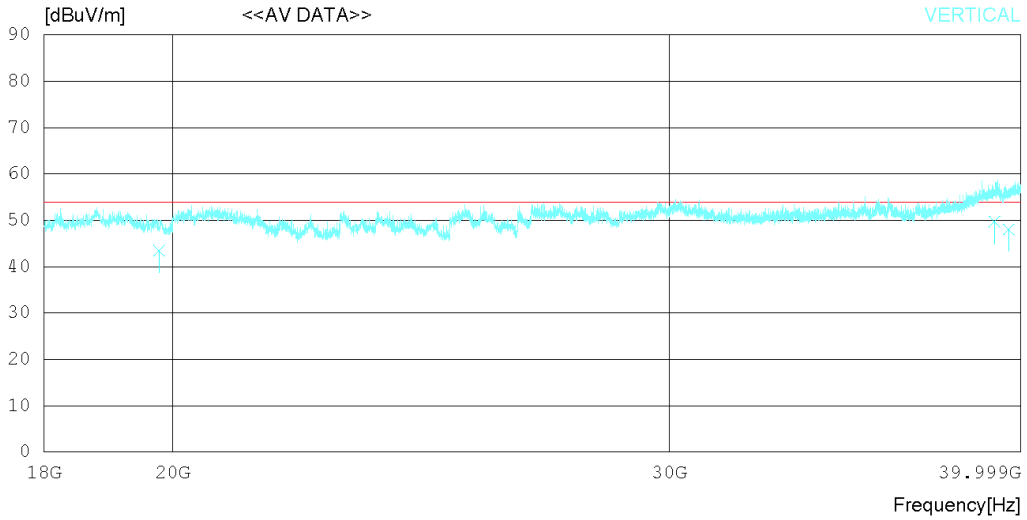
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20618.02031.62	45.50	19.78	53.28	43.62	54.00	10.38	203	166	
2	25383.72028.62	45.70	20.90	53.68	41.54	54.00	12.46	178	223	
3	39862.54027.11	49.03	24.52	52.21	48.45	54.00	5.55	322	78	
----- Vertical ------										
4	19776.44032.60	45.12	18.57	52.80	43.49	54.00	10.51	323	78	
5	39147.23028.60	47.79	25.56	52.24	49.71	54.00	4.29	247	168	
6	39606.74026.87	48.51	24.89	52.22	48.05	54.00	5.95	113	42	

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**

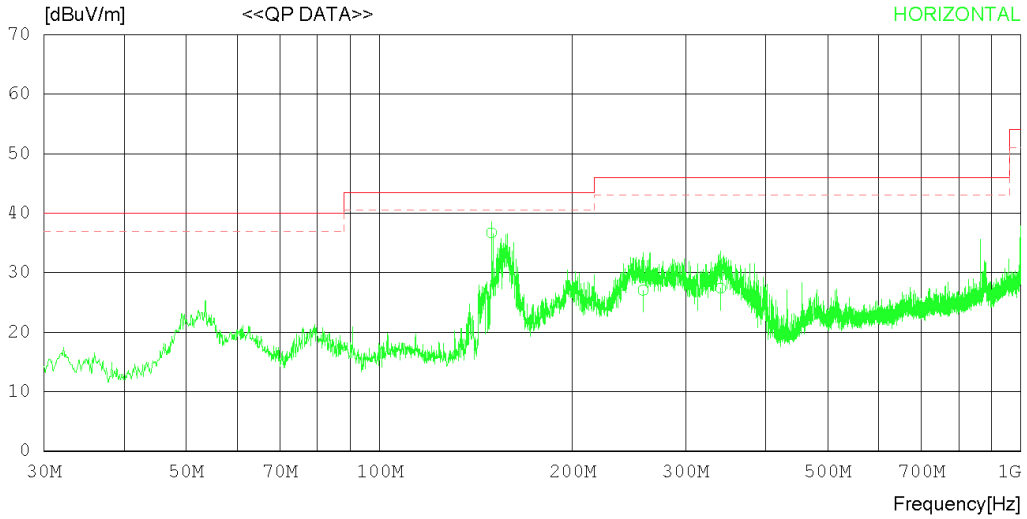
RADIATED EMISSION

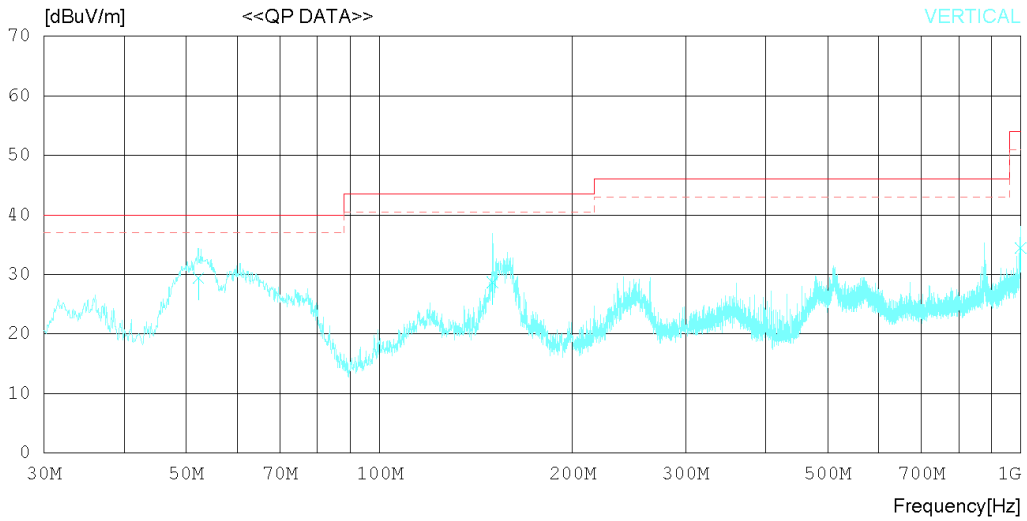
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	149.550	41.70	18.89	1.77	25.67	36.69	43.50	6.81	277	127
2	257.702	32.60	18.08	2.13	25.76	27.05	46.00	18.95	325	78
3	340.270	30.87	20.00	2.38	25.89	27.36	46.00	18.64	177	114
----- Vertical ------										
4	52.189	35.50	18.42	1.29	25.80	29.41	40.00	10.59	123	37
5	150.156	33.70	18.90	1.77	25.67	28.70	43.50	14.80	225	256
6	999.205	25.60	30.80	3.76	25.71	34.45	54.00	19.55	242	78

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**

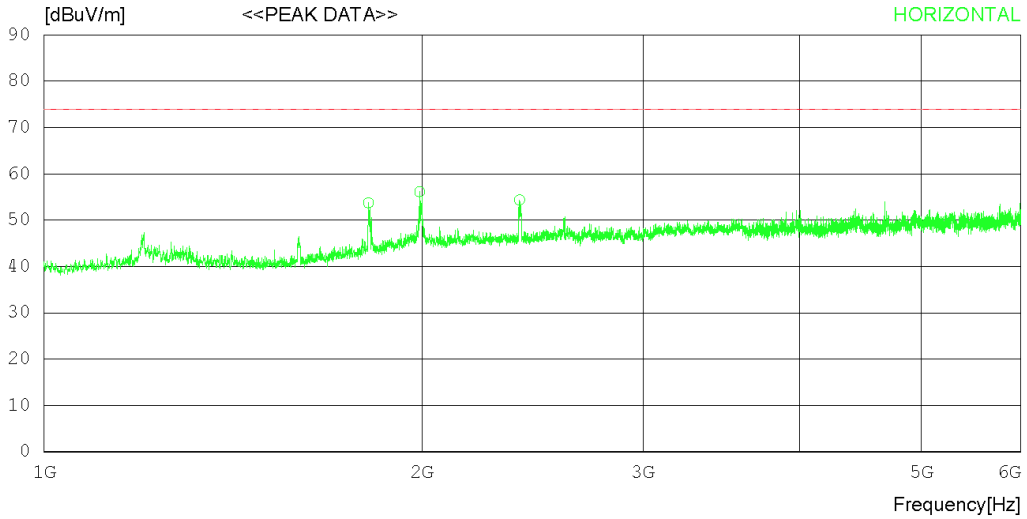
RADIATED EMISSION

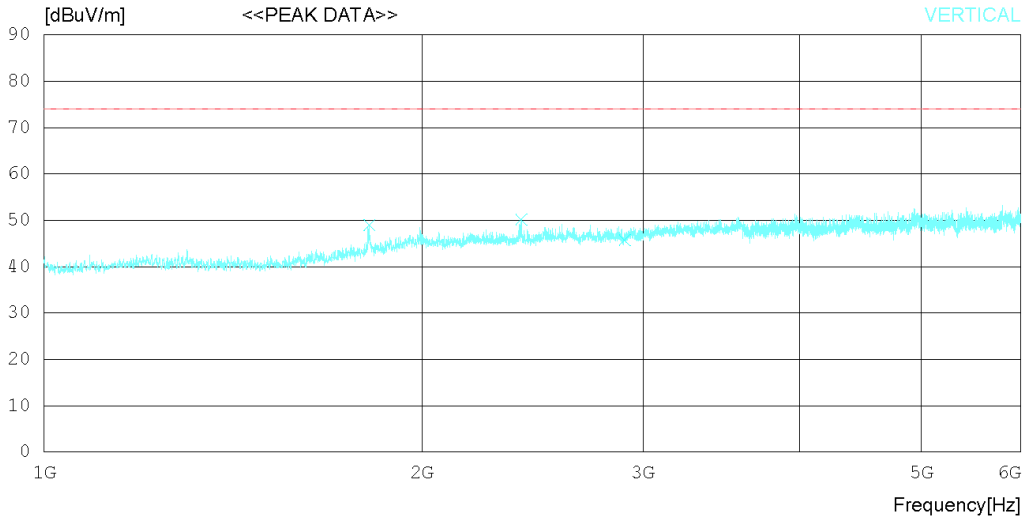
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1813.125	52.00	30.45	5.88	34.60	53.73	74.0	20.27	124	108
2	1991.250	52.60	31.58	6.31	34.35	56.14	74.0	17.86	305	359
3	2391.875	50.30	31.78	6.85	34.57	54.36	74.0	19.64	242	182
----- Vertical ------										
4	1816.250	47.20	30.47	5.89	34.60	48.96	74.0	25.04	127	0
5	2400.000	46.10	31.80	6.85	34.58	50.17	74.0	23.83	305	58
6	2901.875	40.90	32.21	7.55	34.87	45.79	74.0	28.21	272	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	**Bujeon**	**Data cable**	**Luxshare**

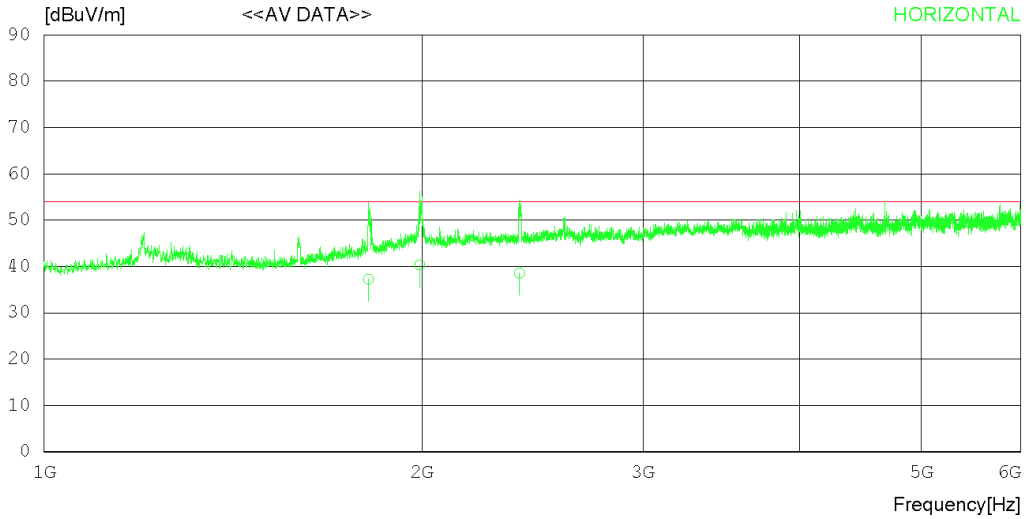
RADIATED EMISSION

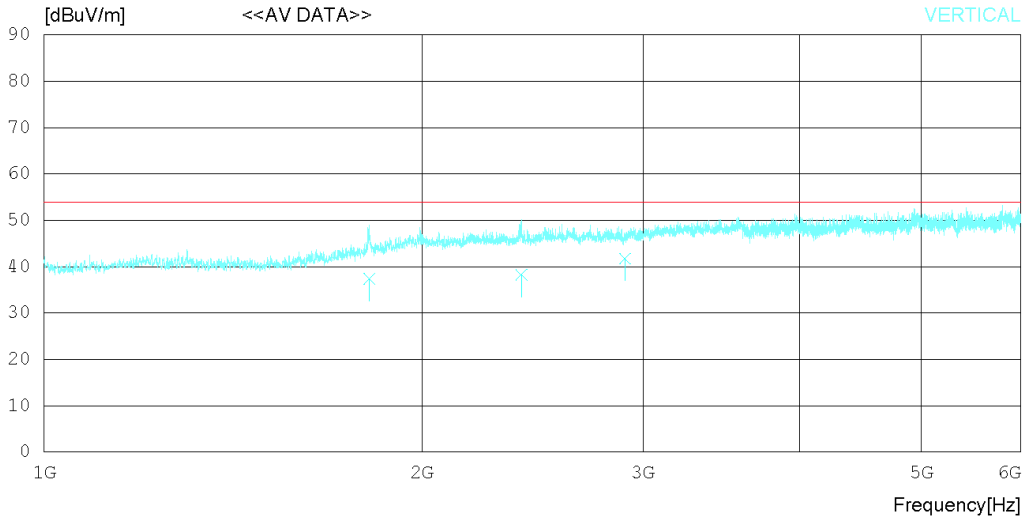
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1813.243	35.50	30.45	5.88	34.60	37.23	54.00	16.77	302	78
2	1991.211	36.80	31.58	6.31	34.35	40.34	54.00	13.66	243	195
3	2391.853	34.50	31.78	6.85	34.57	38.56	54.00	15.44	205	128
----- Vertical ------										
4	1816.224	35.60	30.46	5.89	34.60	37.35	54.00	16.65	305	120
5	2400.065	34.20	31.80	6.85	34.58	38.27	54.00	15.73	234	246
6	2901.272	36.85	32.21	7.55	34.87	41.74	54.00	12.26	276	308

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**

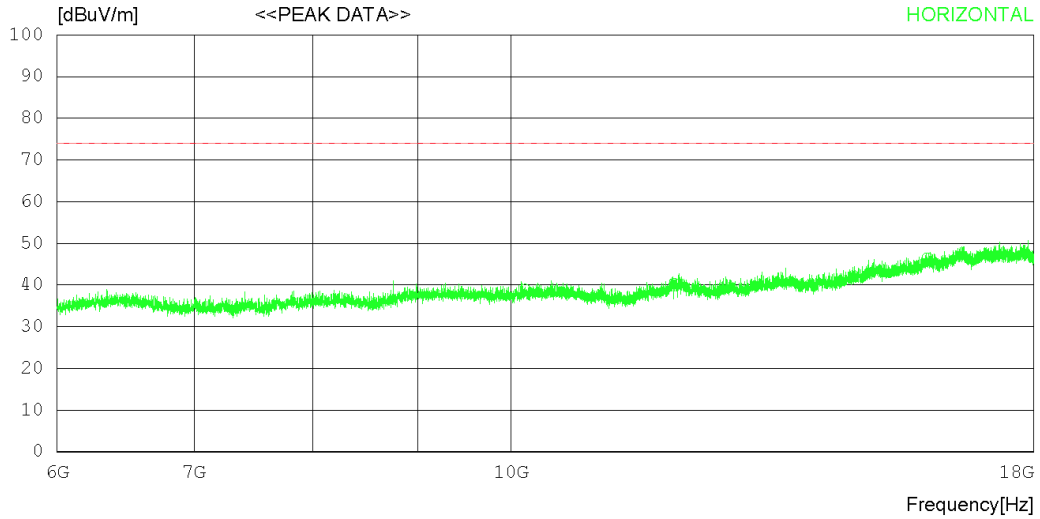
RADIATED EMISSION

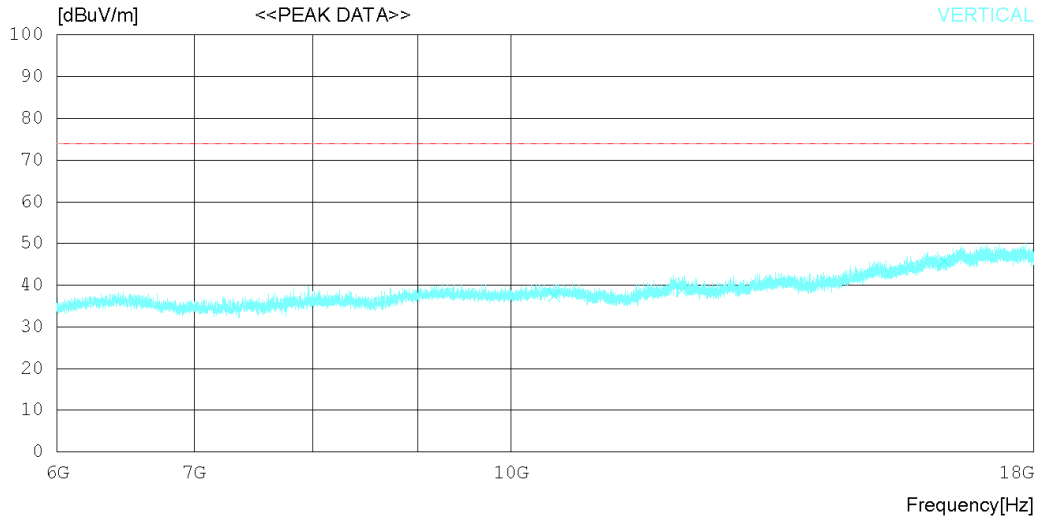
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	10156.500	29.70	32.53	14.45	37.69	38.99	74.0	35.01	325	336
2	12012.750	29.00	33.46	15.67	37.72	40.41	74.0	33.59	124	94
3	15966.000	27.60	36.39	18.98	36.41	46.56	74.0	27.44	278	358
----- Vertical ------										
4	10497.000	28.50	32.48	14.65	38.10	37.53	74.0	36.47	316	66
5	12112.500	27.50	33.47	15.60	37.86	38.71	74.0	35.29	224	358
6	16278.750	26.40	36.73	18.89	36.23	45.79	74.0	28.21	127	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	**Bujeon**	**Data cable**	**Luxshare**

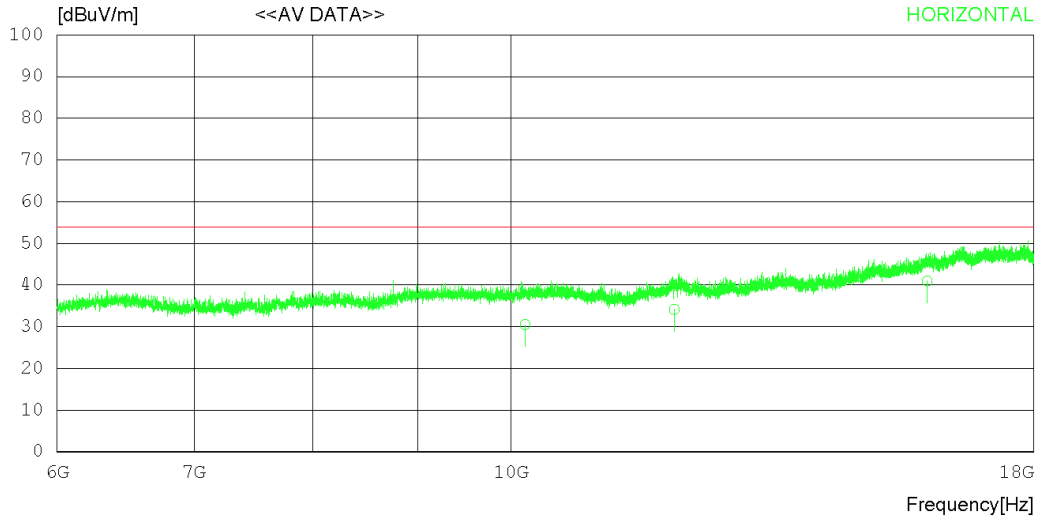
RADIATED EMISSION

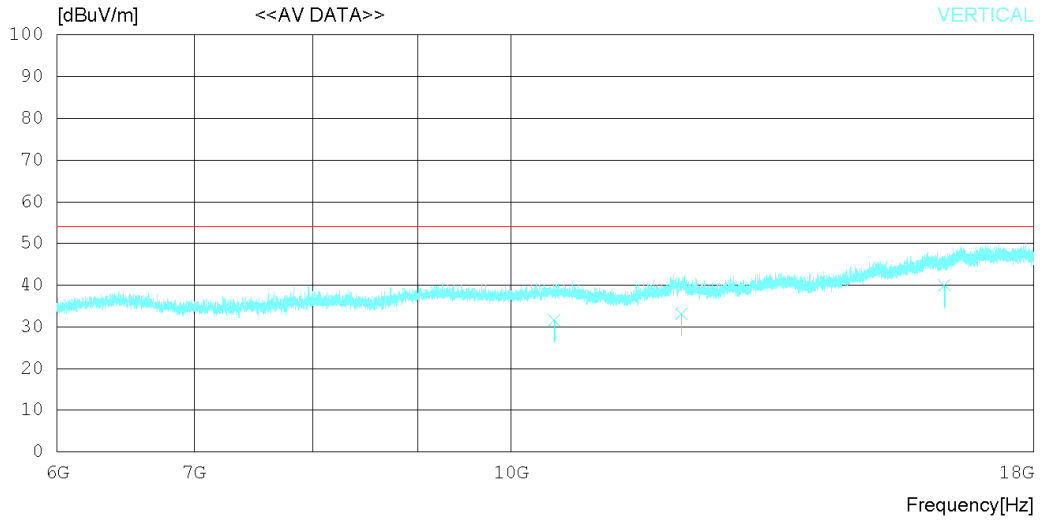
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	10156.11021.22	32.53	14.45	37.69	30.51	54.00	23.49		223	136
2	12012.51022.71	33.46	15.67	37.72	34.12	54.00	19.88		172	149
3	15966.42021.98	36.39	18.98	36.41	40.94	54.00	13.06		312	112
----- Vertical ------										
4	10497.11022.60	32.48	14.65	38.10	31.63	54.00	22.37		223	162
5	12112.72021.89	33.47	15.60	37.86	33.10	54.00	20.90		127	224
6	16277.99020.63	36.73	18.88	36.23	40.01	54.00	13.99		113	117

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**

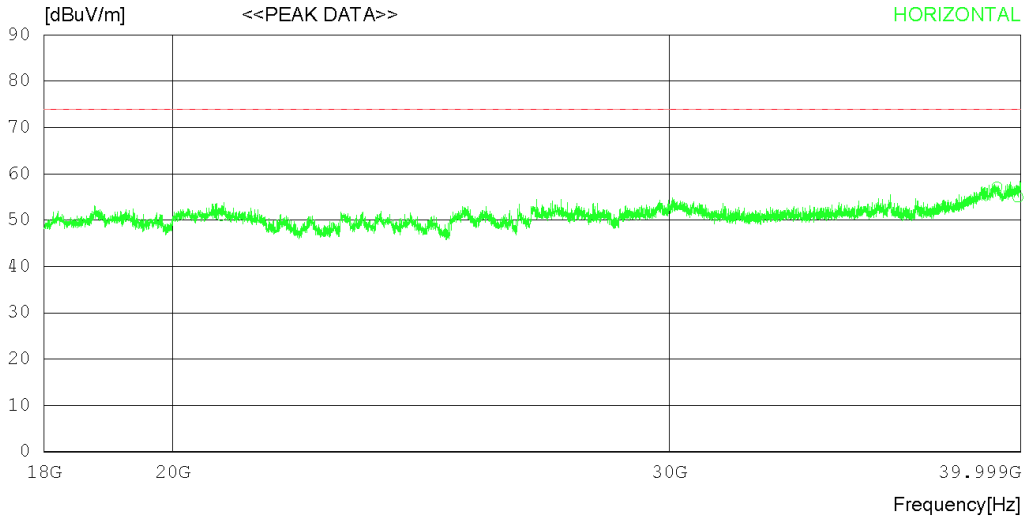
RADIATED EMISSION

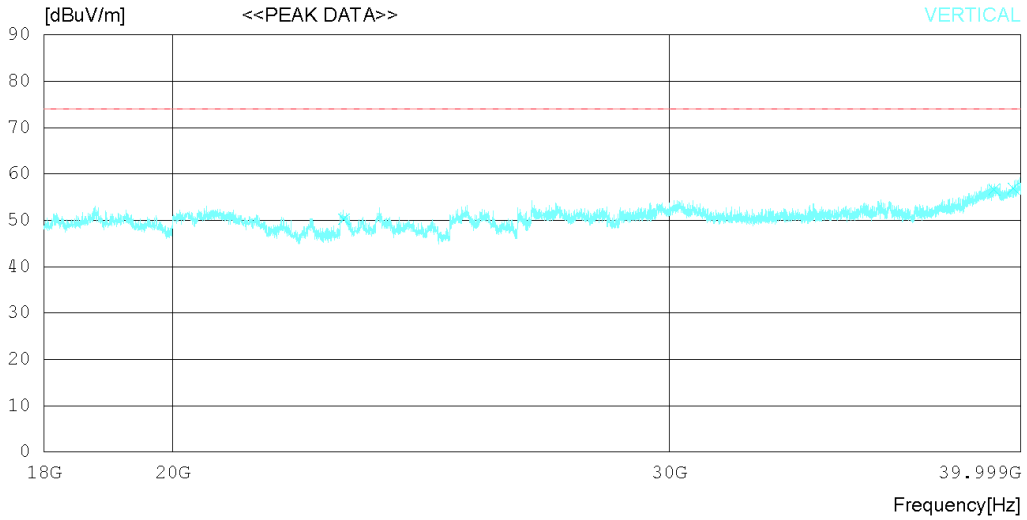
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20807.750	38.60	45.60	20.15	53.36	50.99	74.0	23.01	325	358
2	39227.250	36.00	47.93	25.45	52.24	57.14	74.0	16.86	122	358
3	39898.250	33.60	49.10	24.46	52.21	54.95	74.0	19.05	226	358
----- Vertical ------										
4	23002.250	38.90	45.30	20.05	54.00	50.25	74.0	23.75	127	336
5	39136.500	35.50	47.77	25.57	52.24	56.60	74.0	17.4	223	2
6	39763.500	35.60	48.83	24.66	52.21	56.88	74.0	17.12	342	173

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**

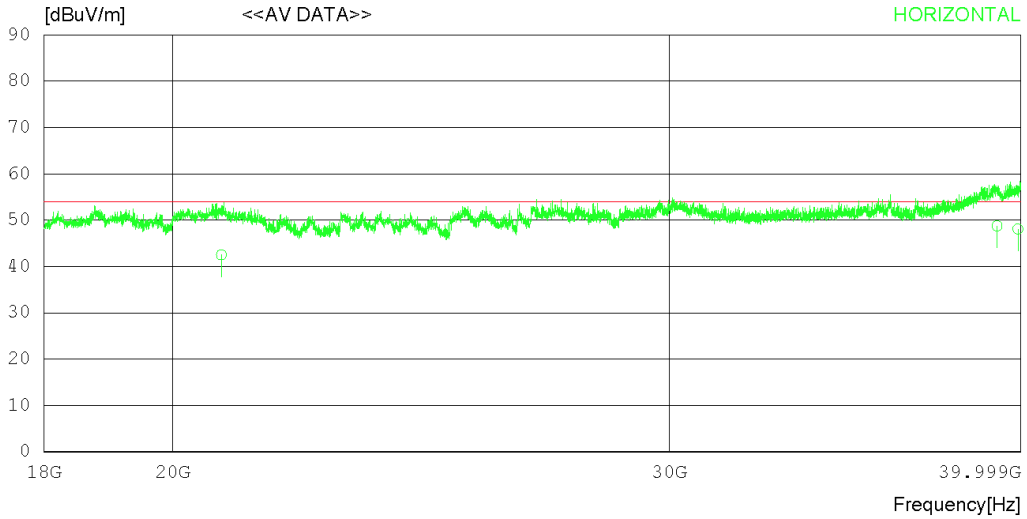
RADIATED EMISSION

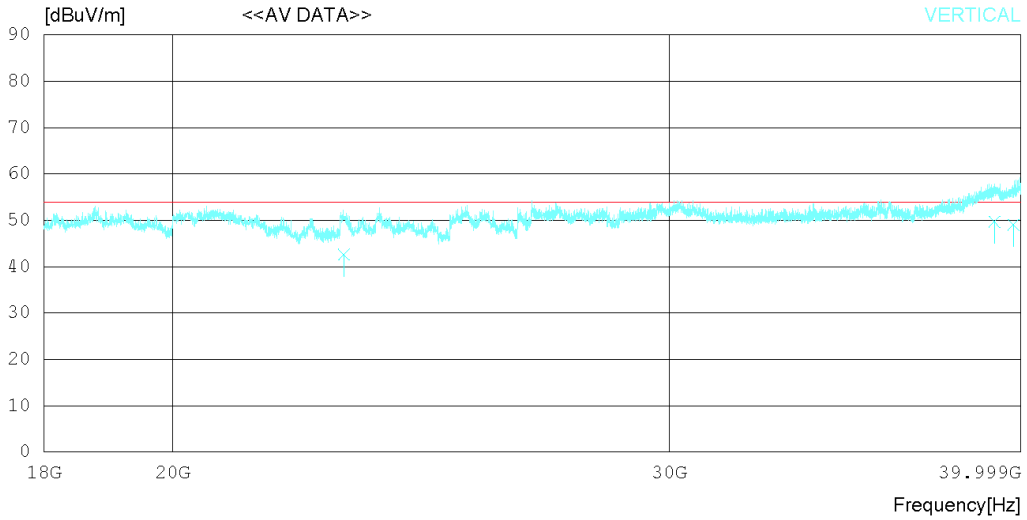
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	20807.16030.12	45.60	20.15	53.36	42.51	54.00	11.49	120	162	
2	39227.21027.62	47.93	25.45	52.24	48.76	54.00	5.24	261	223	
3	39898.21026.74	49.10	24.46	52.21	48.09	54.00	5.91	247	177	
----- Vertical ------										
4	23002.21031.26	45.30	20.05	54.00	42.61	54.00	11.39	127	264	
5	39136.44028.63	47.77	25.57	52.24	49.73	54.00	4.27	225	78	
6	39763.37027.78	48.83	24.66	52.21	49.06	54.00	4.94	236	223	

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**

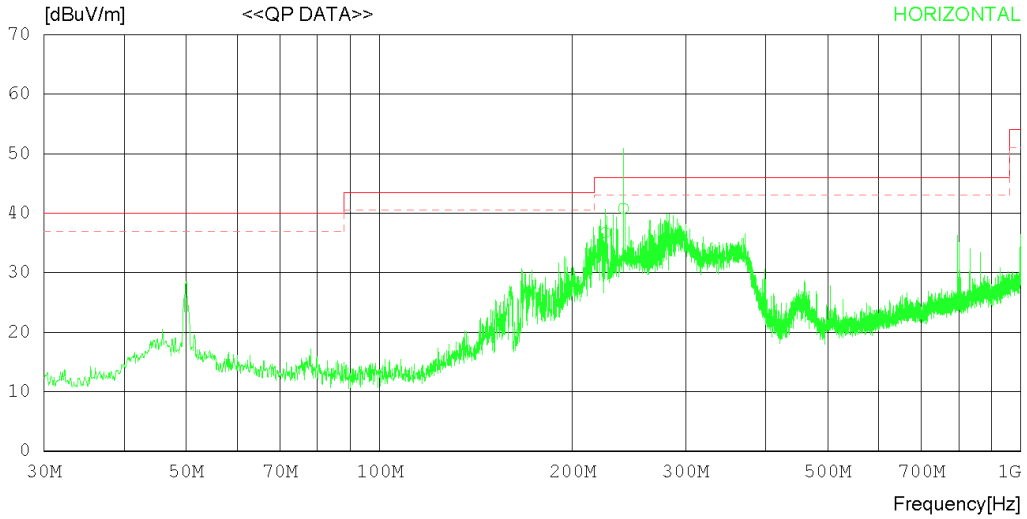
RADIATED EMISSION

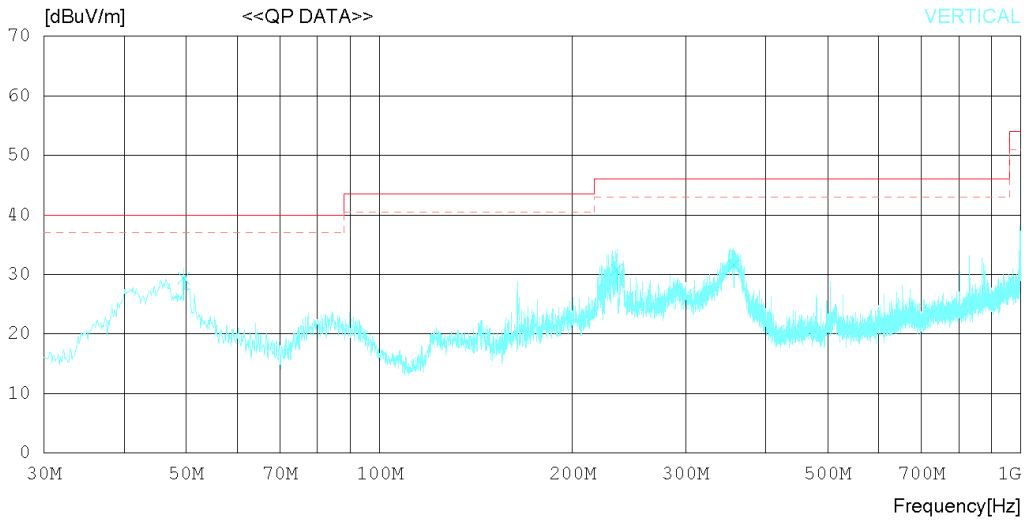
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	225.086	43.22	17.15	2.03	25.67	36.73	46.00	9.27	230	224
2	240.121	46.35	18.10	2.07	25.71	40.81	46.00	5.19	242	320
3	279.526	40.28	19.18	2.19	25.80	35.85	46.00	10.15	172	234
----- Vertical ------										
4	49.521	35.63	18.25	1.29	25.80	29.37	40.00	10.63	322	78
5	234.422	36.78	17.71	2.05	25.70	30.84	46.00	15.16	272	223
6	357.124	34.72	20.24	2.43	25.89	31.50	46.00	14.50	132	322

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**

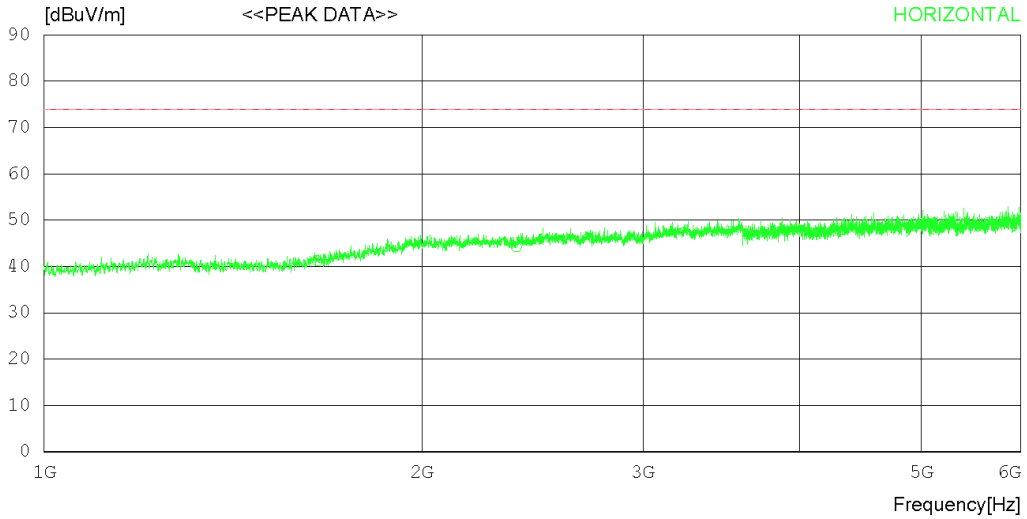
RADIATED EMISSION

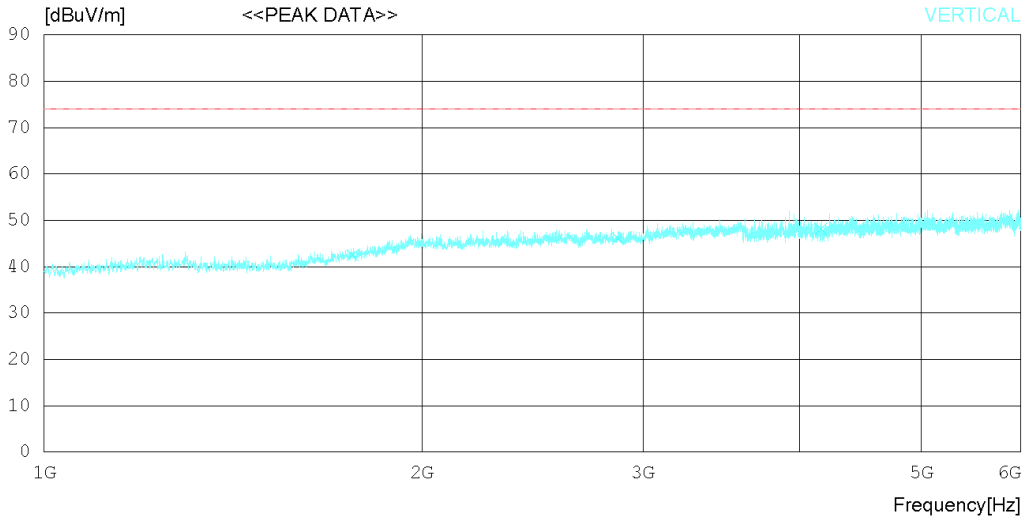
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1650.625	41.60	28.90	5.56	34.83	41.23	74.0	32.77	332	24
2	2378.125	40.20	31.76	6.83	34.56	44.23	74.0	29.77	124	358
3	4336.250	38.40	33.67	9.94	33.98	48.03	74.0	25.97	235	202
----- Vertical ------										
4	1762.500	41.60	29.80	5.78	34.67	42.51	74.0	31.49	224	290
5	2866.250	41.20	32.27	7.46	34.85	46.08	74.0	27.92	217	0
6	4157.500	39.20	33.22	9.49	33.75	48.16	74.0	25.84	332	0

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**

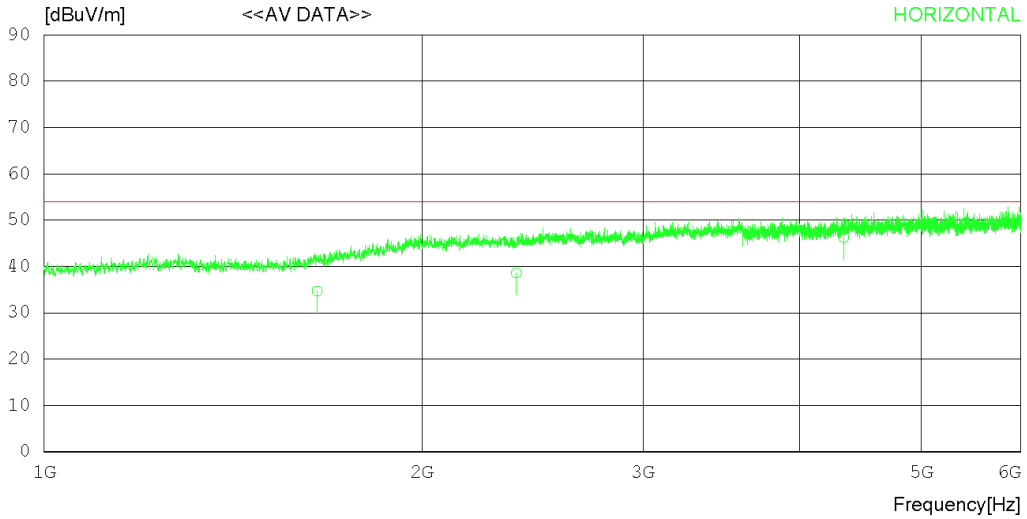
RADIATED EMISSION

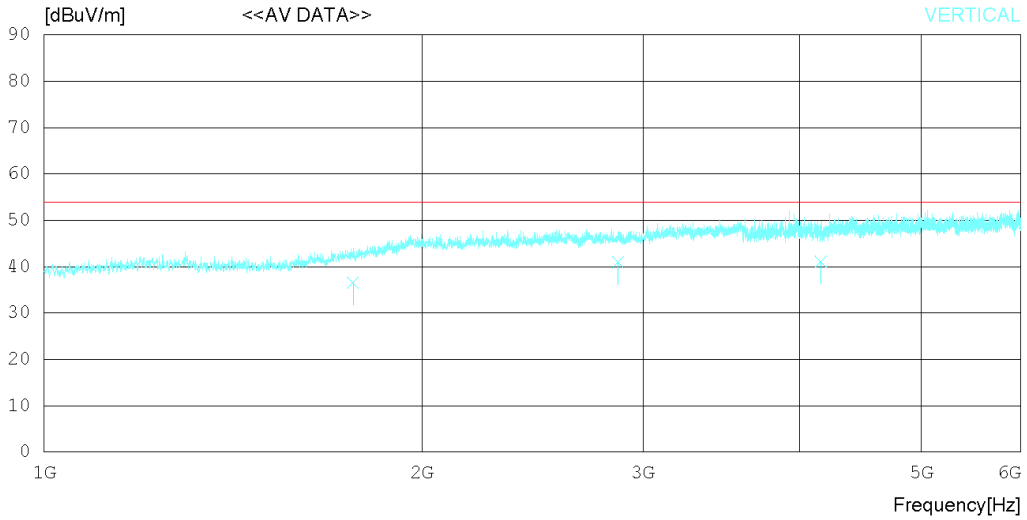
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1650.110	35.10	28.90	5.56	34.83	34.73	54.00	19.27	120	143
2	2378.124	34.60	31.76	6.83	34.56	38.63	54.00	15.37	272	311
3	4336.251	36.60	33.67	9.94	33.98	46.23	54.00	7.77	311	222
----- Vertical ------										
4	1762.544	35.60	29.80	5.78	34.67	36.51	54.00	17.49	308	120
5	2866.210	36.10	32.27	7.46	34.85	40.98	54.00	13.02	122	261
6	4157.543	32.10	33.22	9.49	33.75	41.06	54.00	12.94	142	133

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**

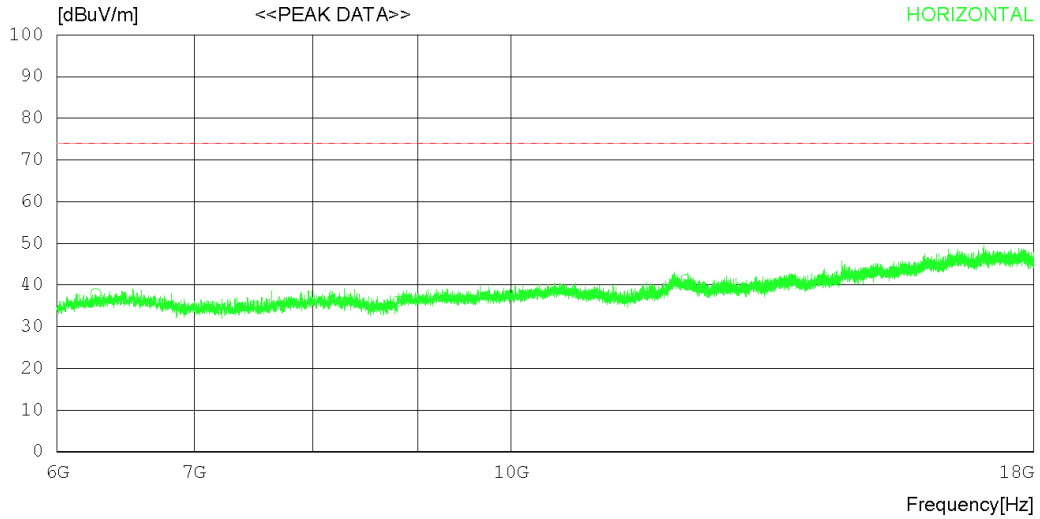
RADIATED EMISSION

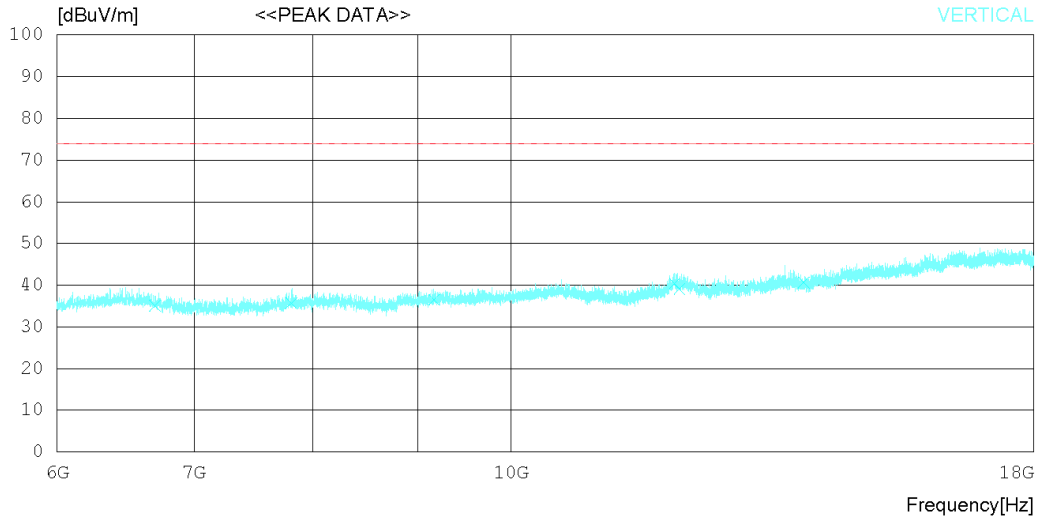
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	6267.750	34.20	31.65	10.91	38.86	37.90	74.0	36.1	123	358
2	8800.500	29.20	31.94	13.36	38.40	36.10	74.0	37.9	353	358
3	12172.500	30.20	33.48	15.55	37.97	41.26	74.0	32.74	112	284
----- Vertical ------										
4	6699.750	30.80	31.53	11.22	38.47	35.08	74.0	38.92	243	8
5	7810.500	29.90	31.33	12.60	38.11	35.72	74.0	38.28	323	358
6	9168.000	29.70	32.18	13.68	39.03	36.53	74.0	37.47	112	355
7	12018.000	29.00	33.46	15.66	37.69	40.43	74.0	33.57	208	156
8	12082.500	27.80	33.47	15.63	37.81	39.09	74.0	34.91	112	0
9	13896.750	27.30	33.87	17.17	37.70	40.64	74.0	33.36	305	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	**Cresyn**	**Data cable**	**Luxshare**

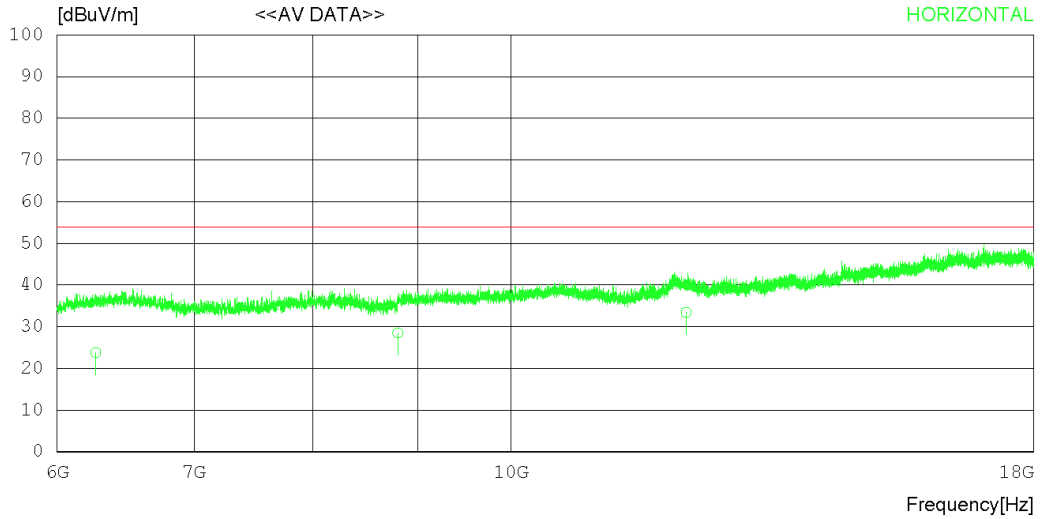
RADIATED EMISSION

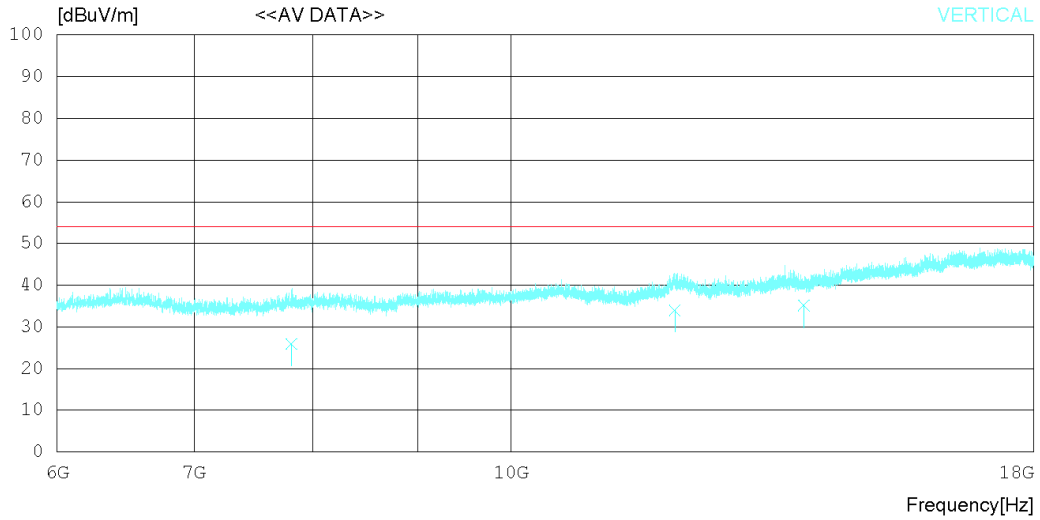
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	6267.424	20.10	31.65	10.91	38.86	23.80	54.00	30.20	120	112
2	8800.512	21.60	31.94	13.36	38.40	28.50	54.00	25.50	302	270
3	12172.380	22.40	33.48	15.55	37.97	33.46	54.00	20.54	273	184
----- Vertical ------										
4	7810.442	20.10	31.33	12.60	38.11	25.92	54.00	28.08	120	127
5	12018.020	22.60	33.46	15.66	37.69	34.03	54.00	19.97	273	130
6	13896.710	21.80	33.87	17.17	37.70	35.14	54.00	18.86	312	301

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**

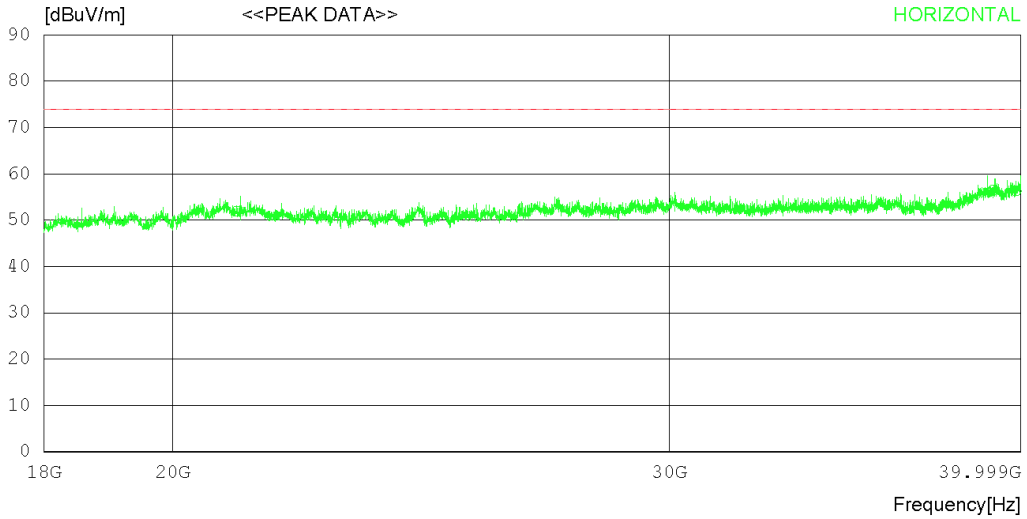
RADIATED EMISSION

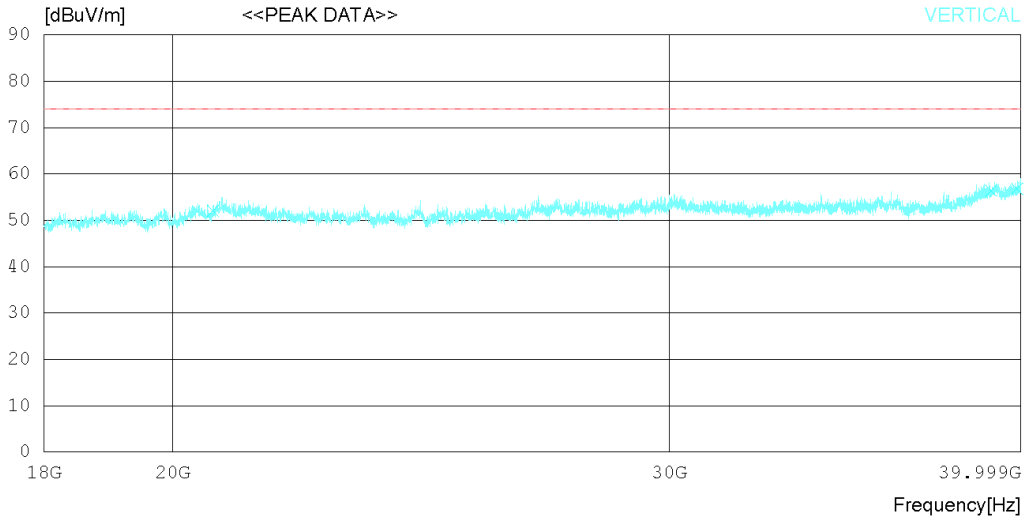
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	21066.250	39.30	45.60	20.48	53.48	51.90	74.0	22.1	242	359
2	39111.750	35.40	47.72	25.62	52.24	56.50	74.0	17.5	133	323
3	39846.000	35.00	48.99	24.53	52.21	56.31	74.0	17.69	352	359
----- Vertical ------										
4	20664.750	40.00	45.50	19.87	53.30	52.07	74.0	21.93	112	0
5	39040.250	35.30	47.64	25.72	52.25	56.41	74.0	17.59	235	4
6	39881.750	35.50	49.06	24.49	52.21	56.84	74.0	17.16	337	195

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**

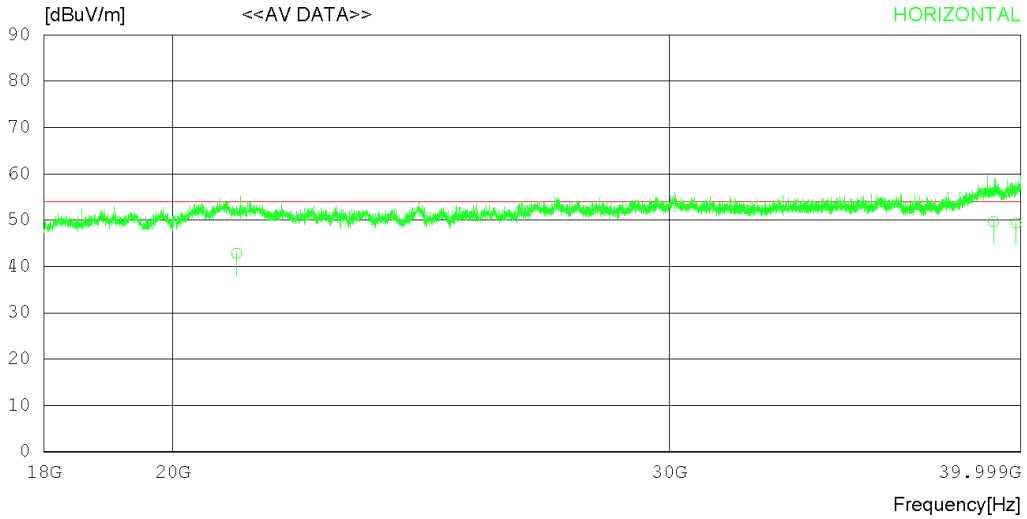
RADIATED EMISSION

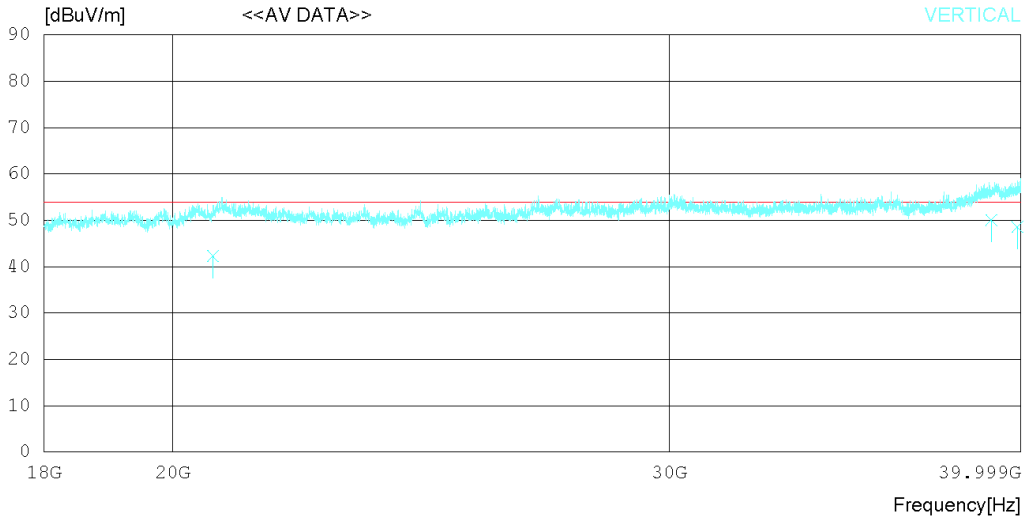
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	21066.21030.25	45.60	20.48	53.48	42.85	54.00	11.15	311	230	
2	39111.42028.62	47.72	25.62	52.24	49.72	54.00	4.28	302	223	
3	39846.03028.11	48.99	24.53	52.21	49.42	54.00	4.58	227	327	
----- Vertical ------										
4	20664.21030.25	45.50	19.87	53.30	42.32	54.00	11.68	123	34	
5	39040.27028.96	47.64	25.72	52.25	50.07	54.00	3.93	302	211	
6	39881.13027.23	49.06	24.49	52.21	48.57	54.00	5.43	227	230	

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**

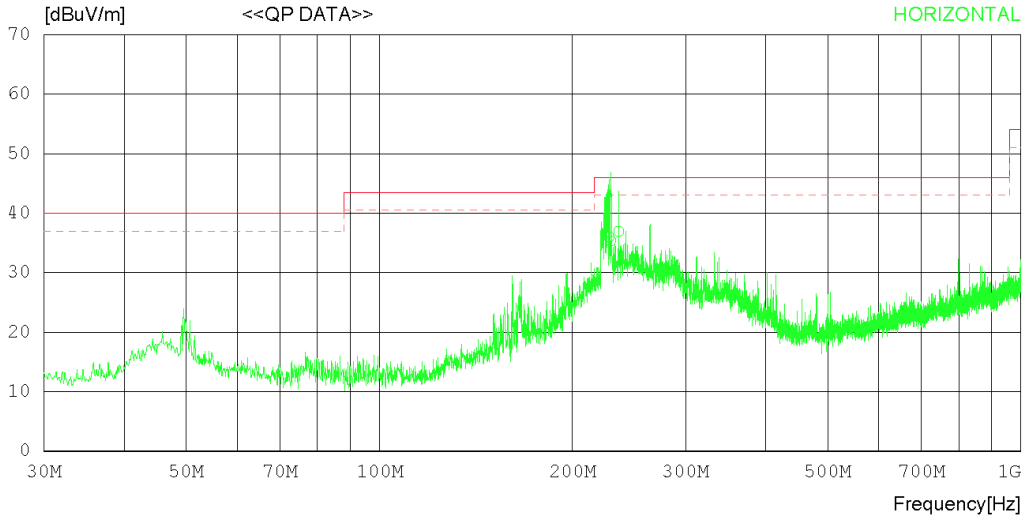
RADIATED EMISSION

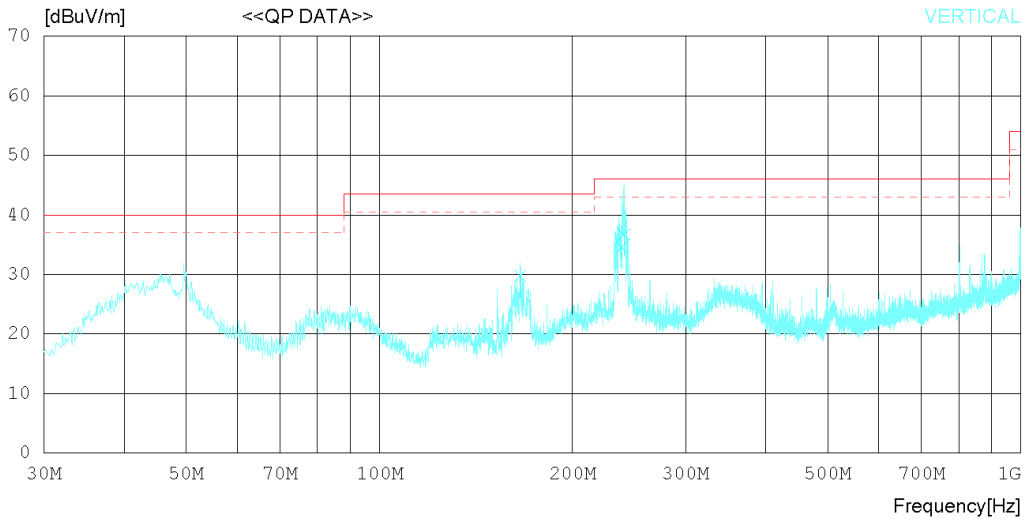
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	227.875	42.37	17.29	2.03	25.68	36.01	46.00	9.99	230	223
2	229.330	41.62	17.37	2.04	25.68	35.35	46.00	10.65	277	278
3	235.999	42.77	17.82	2.06	25.70	36.95	46.00	9.05	134	130
----- Vertical ------										
4	165.797	35.20	18.44	1.80	25.65	29.79	43.50	13.71	246	78
5	238.787	40.25	18.02	2.07	25.71	34.63	46.00	11.37	224	112
6	240.485	42.26	18.10	2.07	25.71	36.72	46.00	9.28	327	308

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**

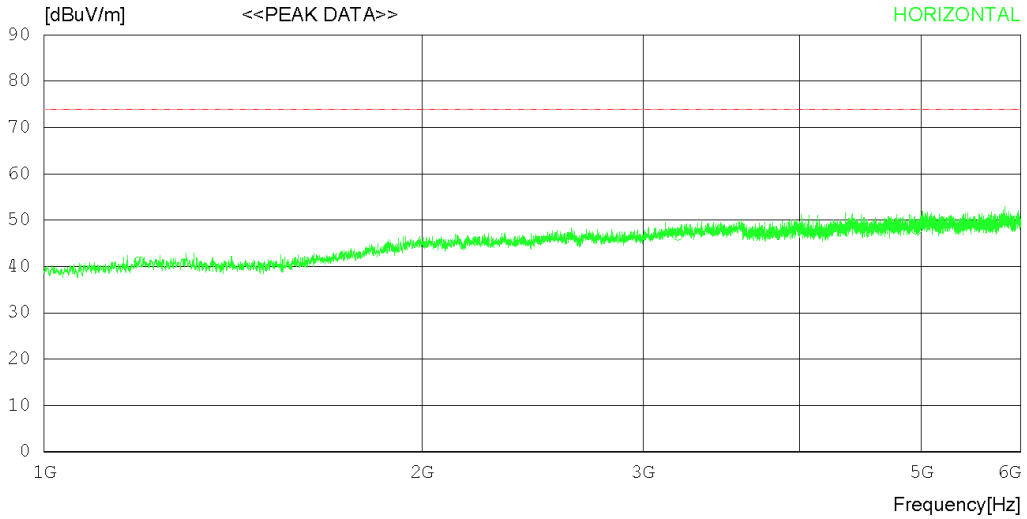
RADIATED EMISSION

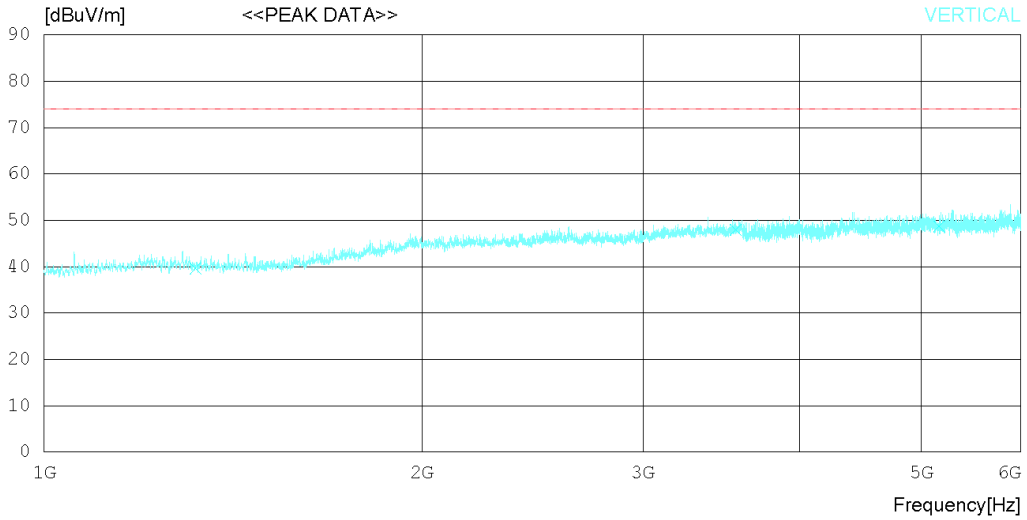
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1190.625	42.90	28.67	4.91	35.48	41.00	74.0	33	243	358
2	3195.625	40.30	33.18	7.94	34.66	46.76	74.0	27.24	112	358
3	4956.875	37.60	34.19	11.04	34.80	48.03	74.0	25.97	223	315
----- Vertical ------										
4	1320.625	41.40	28.47	5.08	35.30	39.65	74.0	34.35	325	283
5	3556.250	40.70	32.98	8.46	34.16	47.98	74.0	26.02	224	47
6	5165.000	38.30	34.20	11.06	34.88	48.68	74.0	25.32	127	0

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**

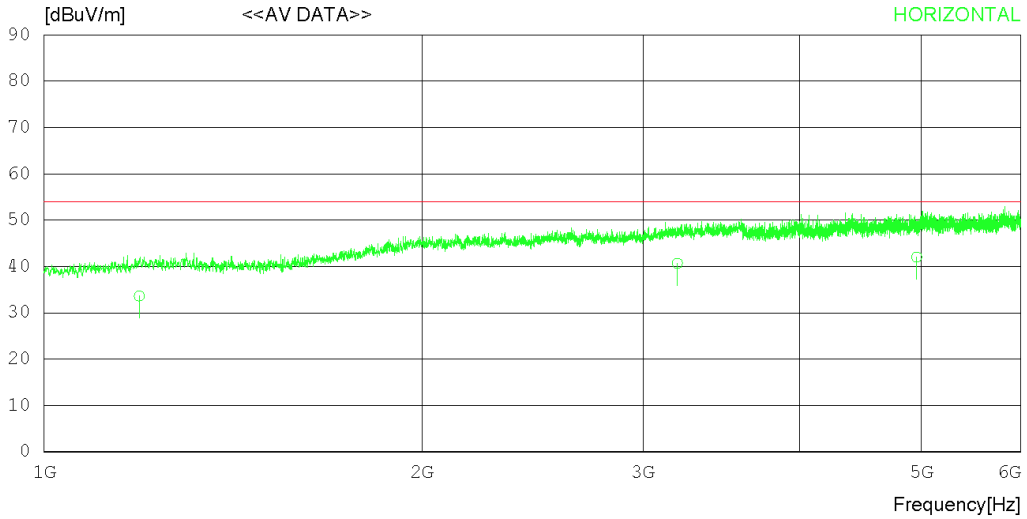
RADIATED EMISSION

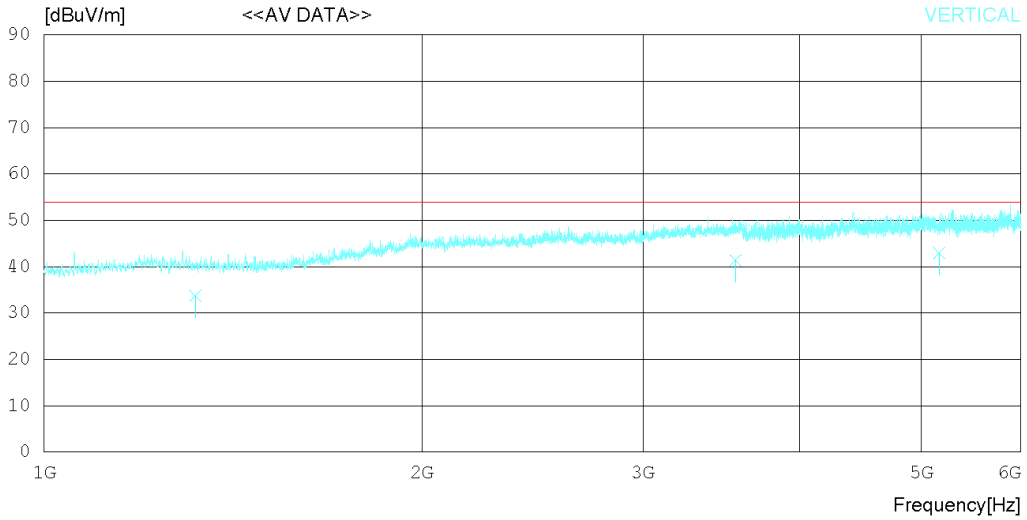
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1190.611	35.50	28.67	4.91	35.48	33.60	54.00	20.40	124	124
2	3195.134	34.20	33.18	7.94	34.66	40.66	54.00	13.34	308	277
3	4956.844	31.60	34.19	11.04	34.80	42.03	54.00	11.97	113	308
----- Vertical ------										
4	1320.112	35.50	28.48	5.08	35.30	33.76	54.00	20.24	124	233
5	3556.244	34.10	32.97	8.46	34.16	41.37	54.00	12.63	227	177
6	5165.038	32.60	34.20	11.06	34.88	42.98	54.00	11.02	308	233

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**

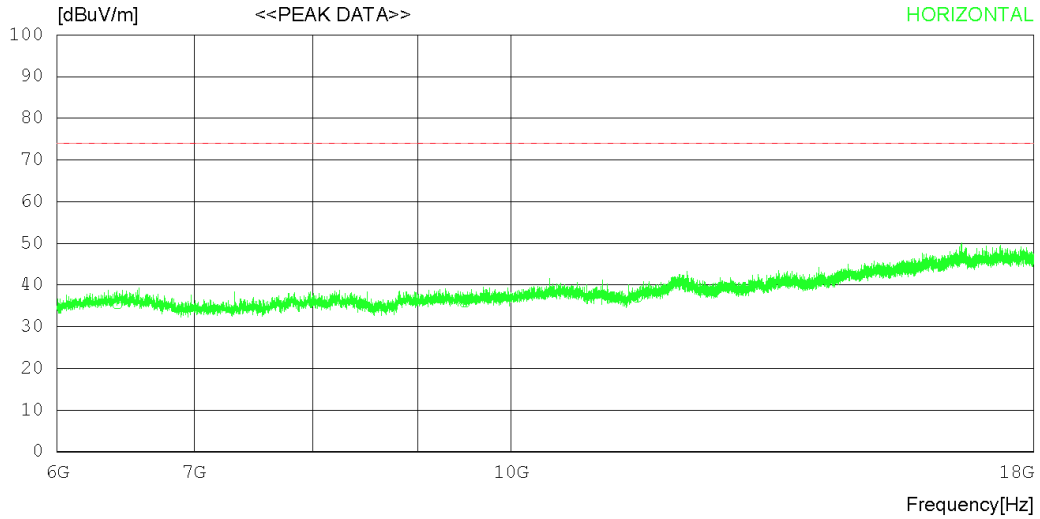
RADIATED EMISSION

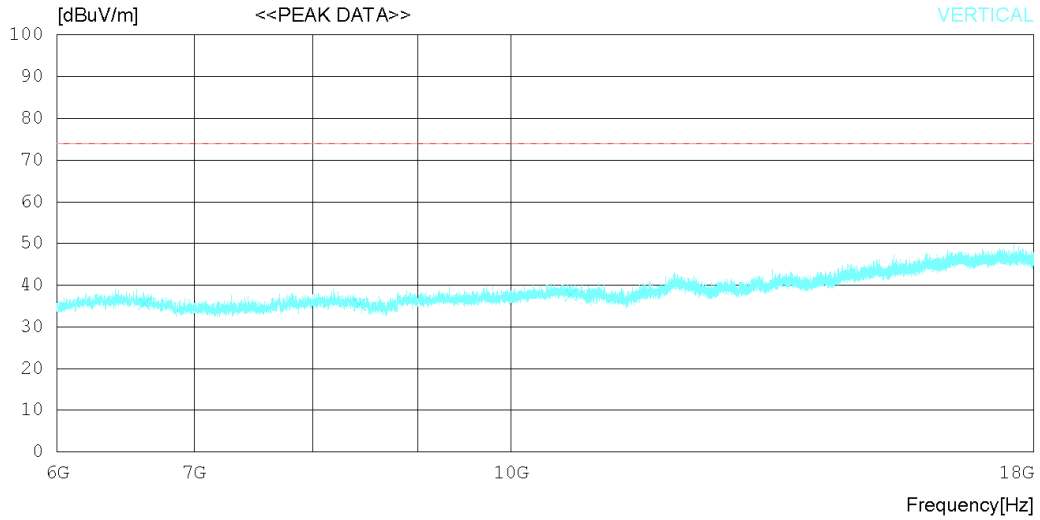
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	6420.750	31.30	31.61	11.18	38.62	35.47	74.0	38.53	124	358
2	9490.500	28.50	32.32	14.27	39.22	35.87	74.0	38.13	322	258
3	11519.250	27.30	32.96	15.26	38.48	37.04	74.0	36.96	124	319
----- Vertical ------										
4	6620.250	31.20	31.55	11.22	38.44	35.53	74.0	38.47	243	358
5	8429.250	28.40	31.64	12.94	37.64	35.34	74.0	38.66	112	134
6	10695.000	28.60	32.45	14.71	38.12	37.64	74.0	36.36	305	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	**Bujeon**	**Data cable**	**Luxshare**

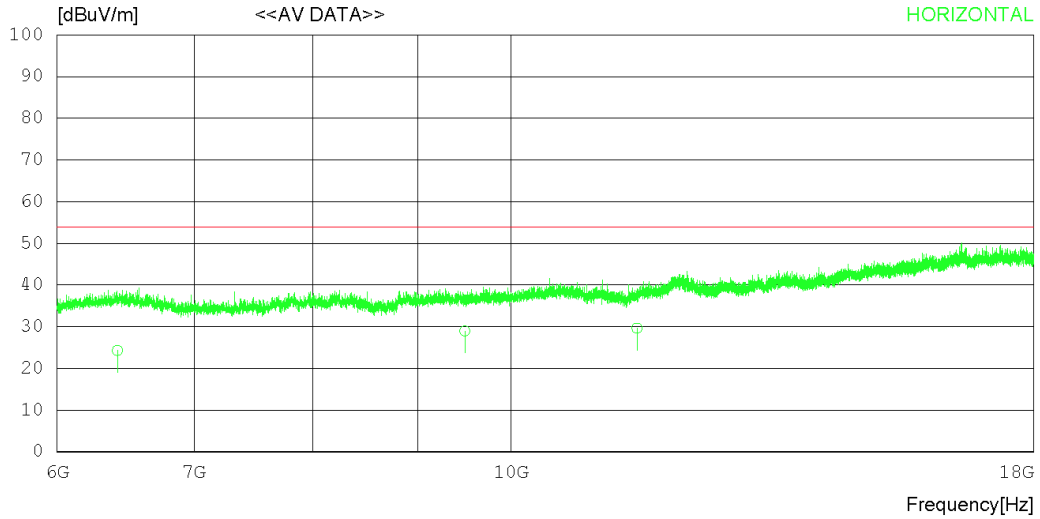
RADIATED EMISSION

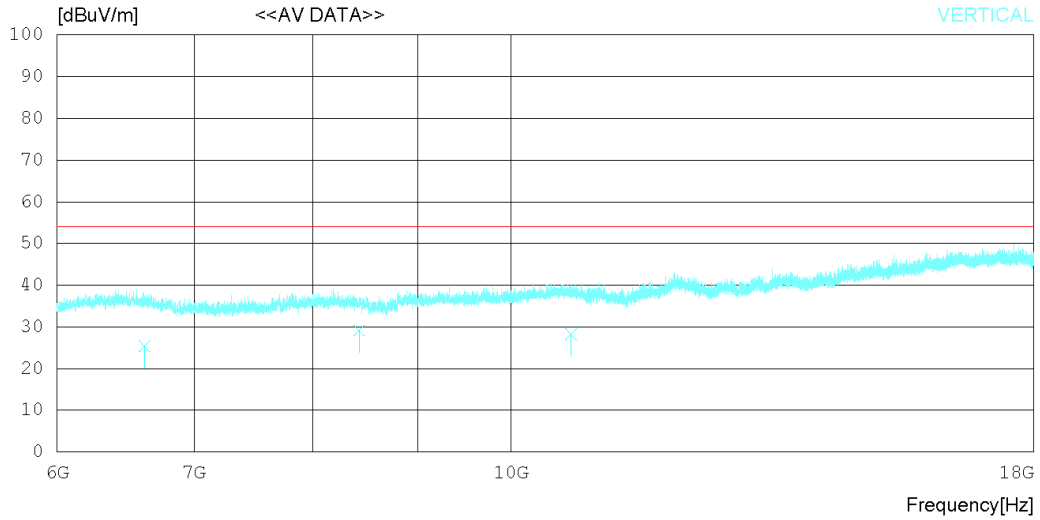
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	6420.142	20.10	31.61	11.18	38.62	24.27	54.00	29.73	241	120
2	9490.511	21.60	32.32	14.27	39.22	28.97	54.00	25.03	367	13
3	11519.260	19.90	32.96	15.26	38.48	29.64	54.00	24.36	116	78
----- Vertical ------										
4	6620.214	21.10	31.55	11.22	38.44	25.43	54.00	28.57	201	212
5	8429.412	22.20	31.64	12.94	37.64	29.14	54.00	24.86	214	134
6	10695.010	19.20	32.45	14.71	38.12	28.24	54.00	25.76	116	201

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**

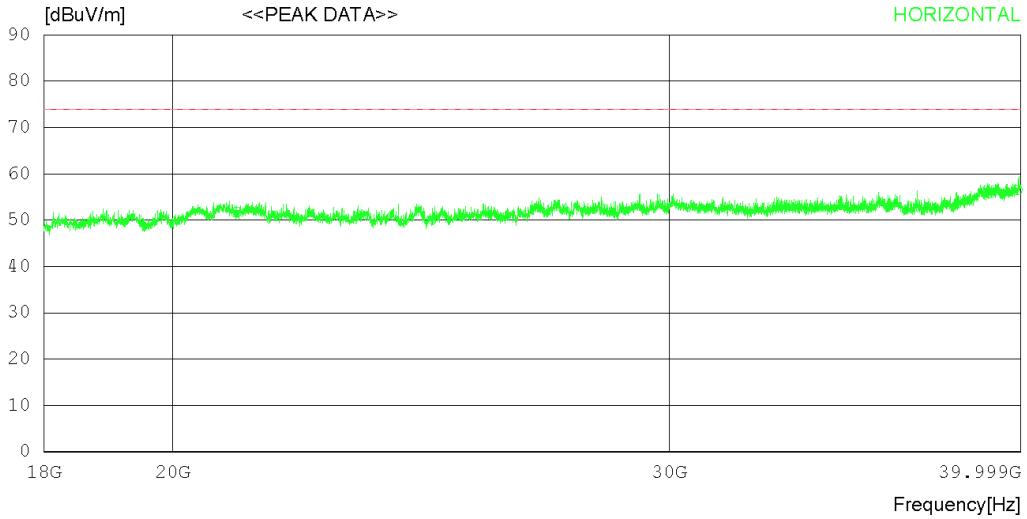
RADIATED EMISSION

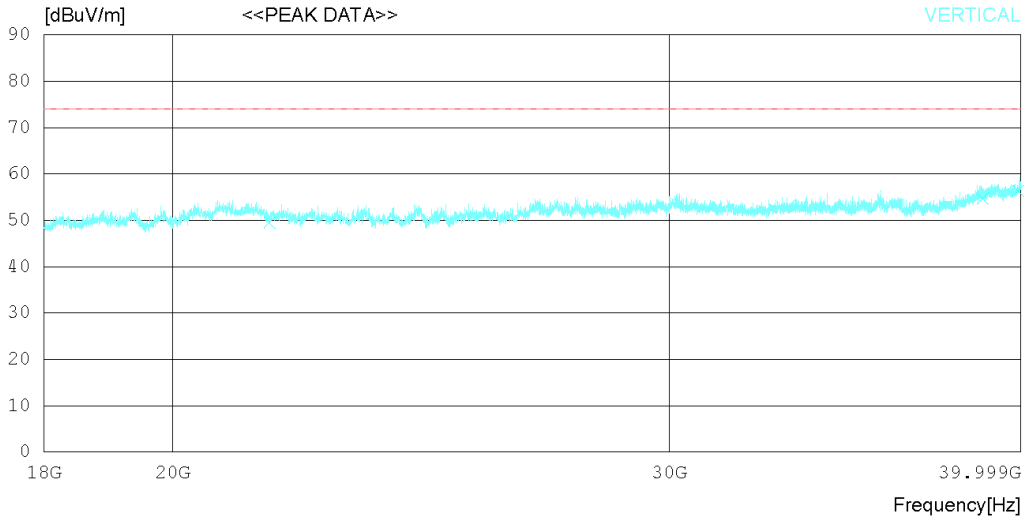
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	21060.750	39.10	45.60	20.48	53.48	51.70	74.0	22.3	132	341
2	38990.750	34.70	47.59	25.77	52.25	55.81	74.0	18.19	240	158
3	39873.500	35.20	49.05	24.50	52.21	56.54	74.0	17.46	223	71
----- Vertical ------										
4	21643.750	37.70	45.40	20.14	53.74	49.50	74.0	24.5	124	0
5	38773.500	34.20	47.27	25.51	52.26	54.72	74.0	19.28	224	0
6	39912.000	35.00	49.12	24.44	52.20	56.36	74.0	17.64	134	69

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**

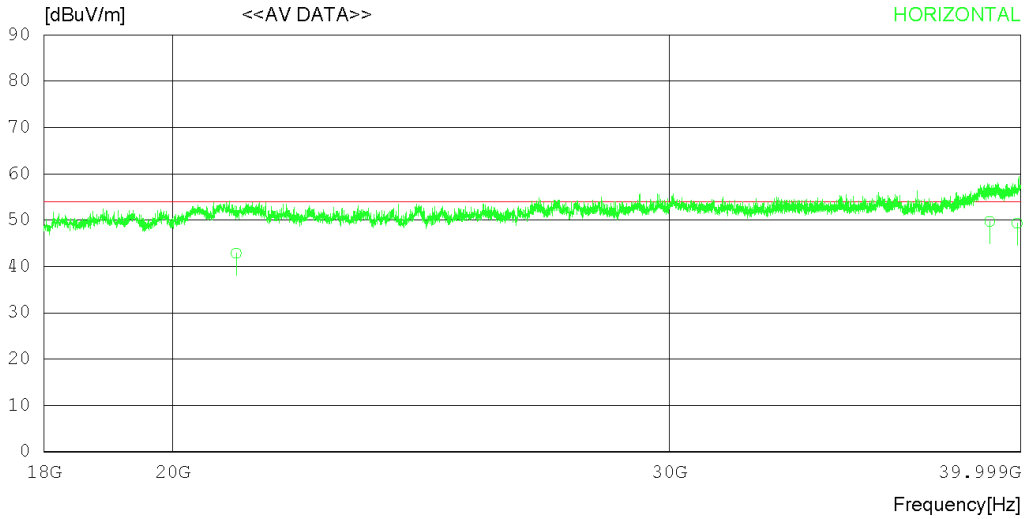
RADIATED EMISSION

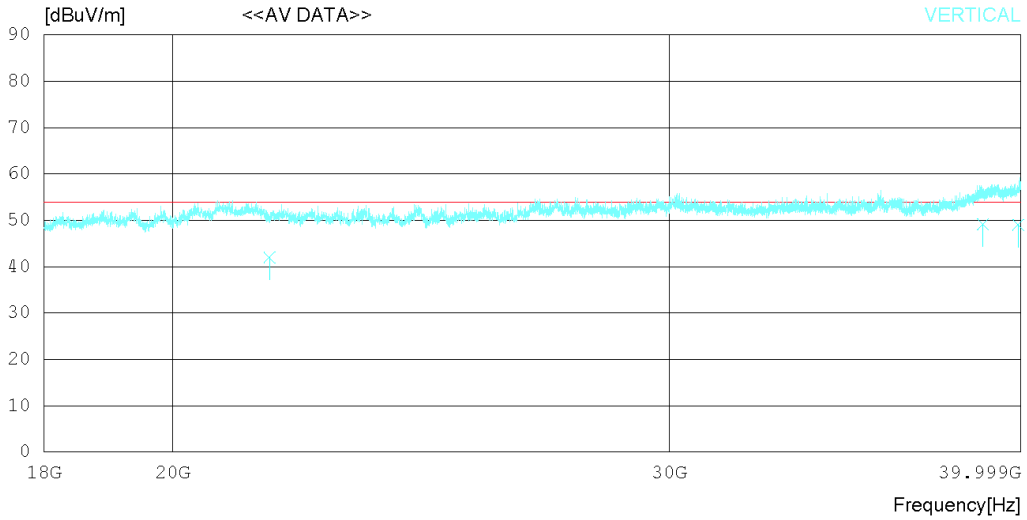
Date 2020-01-20

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	21060.18030.25	45.60	20.48	53.48	42.85	54.00	11.15	325	120	
2	38990.44028.62	47.59	25.77	52.25	49.73	54.00	4.27	276	112	
3	39873.54027.99	49.05	24.50	52.21	49.33	54.00	4.67	279	203	
----- Vertical ------										
4	21643.12030.22	45.40	20.14	53.74	42.02	54.00	11.98	224	273	
5	38773.52028.62	47.27	25.51	52.26	49.14	54.00	4.86	220	78	
6	39912.72027.66	49.13	24.44	52.20	49.03	54.00	4.97	305	133	

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**	**-**

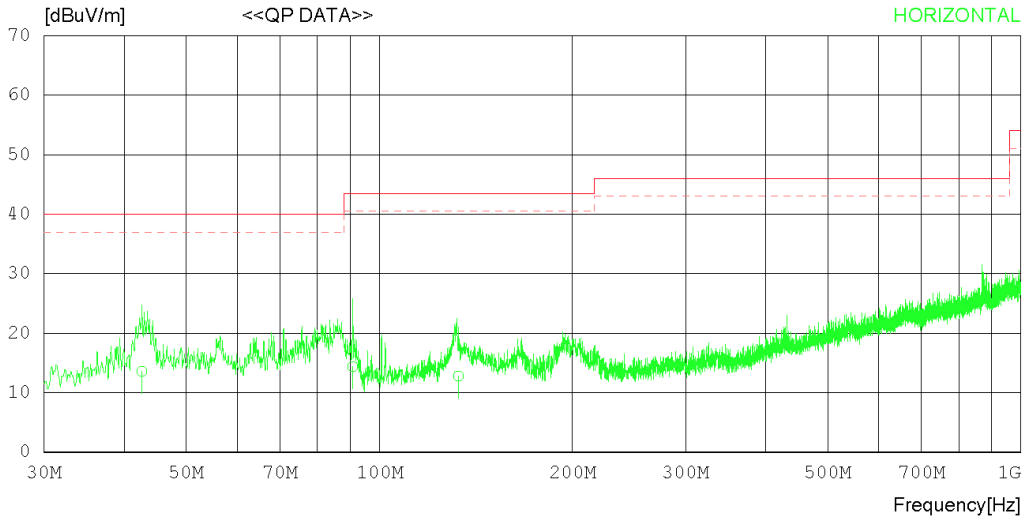
RADIATED EMISSION

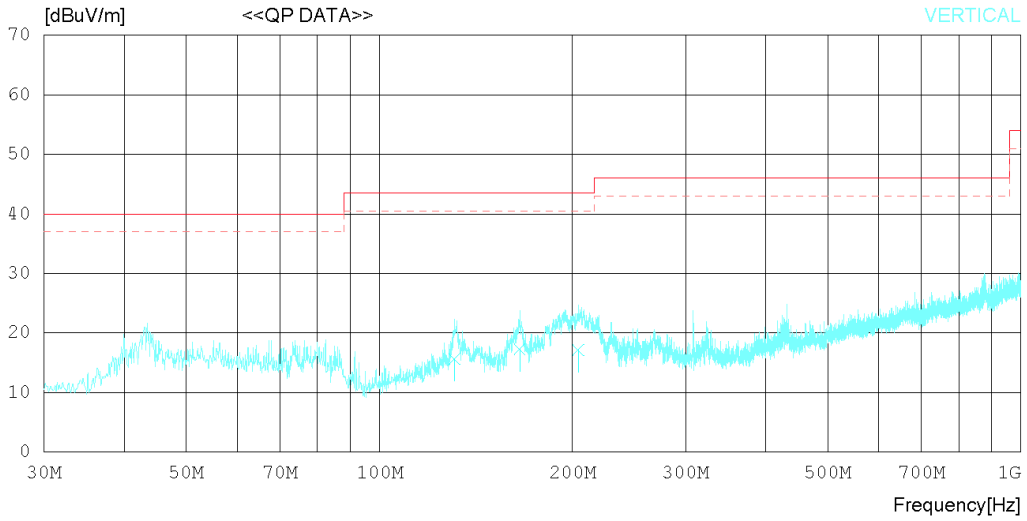
Date 2020-01-03

Order No. DTNC1912-10605
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition wireless charging

Memo cresyn

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





RADIATED EMISSION

Date 2020-01-03

Order No.	DTNC1912-10605
Power Supply	120 V 60 Hz
Temp/Humi	23 'C 40 % R.H.
Test Condition	wireless charging
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	42.610	20.60	17.56	1.22	25.81	13.57	40.00	26.43	273	78
2	90.867	25.21	13.39	1.50	25.72	14.38	43.50	29.12	113	62
3	132.697	18.62	18.19	1.68	25.68	12.81	43.50	30.69	273	312
----- Vertical ------										
4	130.878	21.60	18.06	1.67	25.68	15.65	43.50	27.85	223	201
5	165.433	22.65	18.47	1.80	25.65	17.27	43.50	26.23	308	124
6	204.111	24.62	16.21	1.94	25.61	17.16	43.50	26.34	212	303

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**	**-**

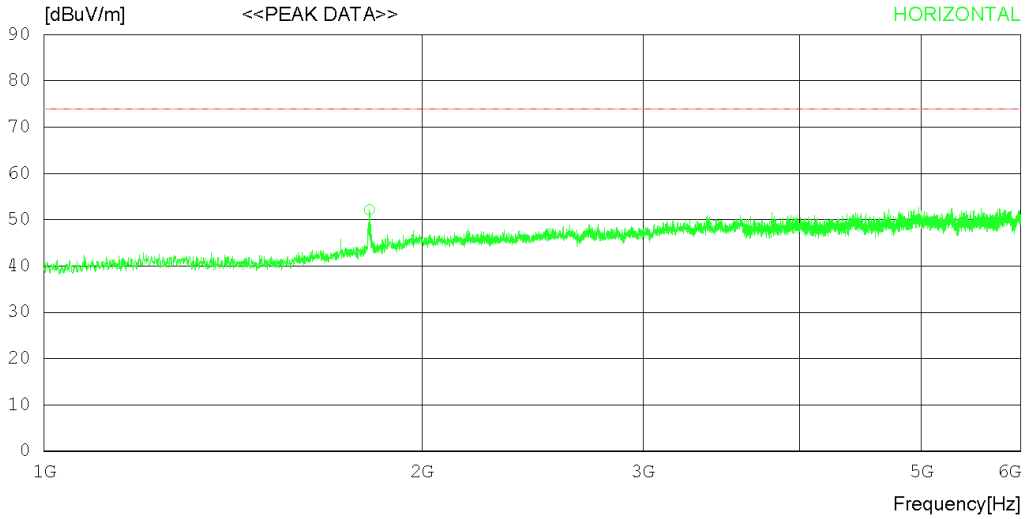
RADIATED EMISSION

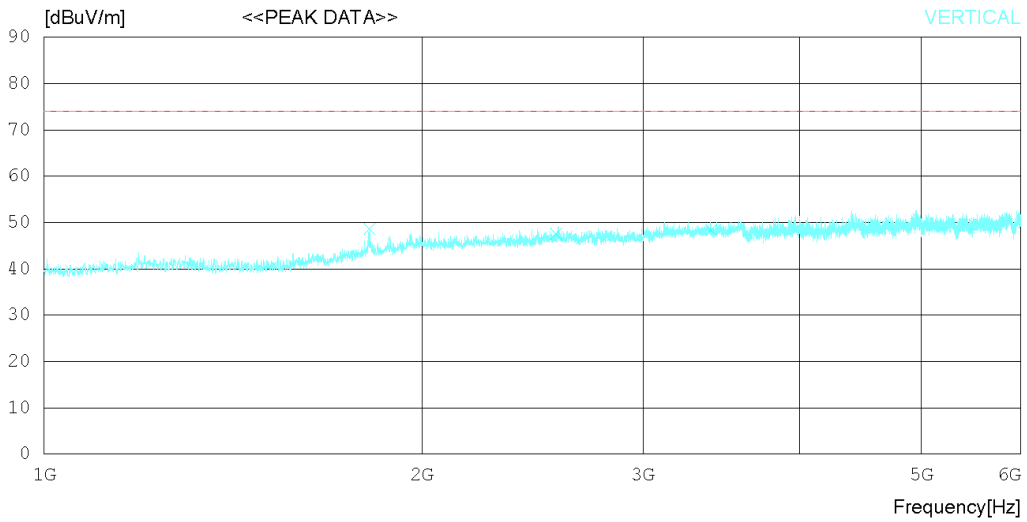
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.250	50.40	30.47	5.89	34.60	52.16	74.0	21.84	352	358
2	2526.875	42.10	32.41	7.00	34.65	46.86	74.0	27.14	277	358
3	3430.625	42.10	32.80	8.31	34.33	48.88	74.0	25.12	306	299
----- Vertical ------										
4	1816.875	46.90	30.47	5.89	34.60	48.66	74.0	25.34	242	0
5	2559.375	42.70	32.52	7.03	34.67	47.58	74.0	26.42	255	0
6	3398.125	41.70	32.80	8.27	34.38	48.39	74.0	25.61	178	0

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**	**-**

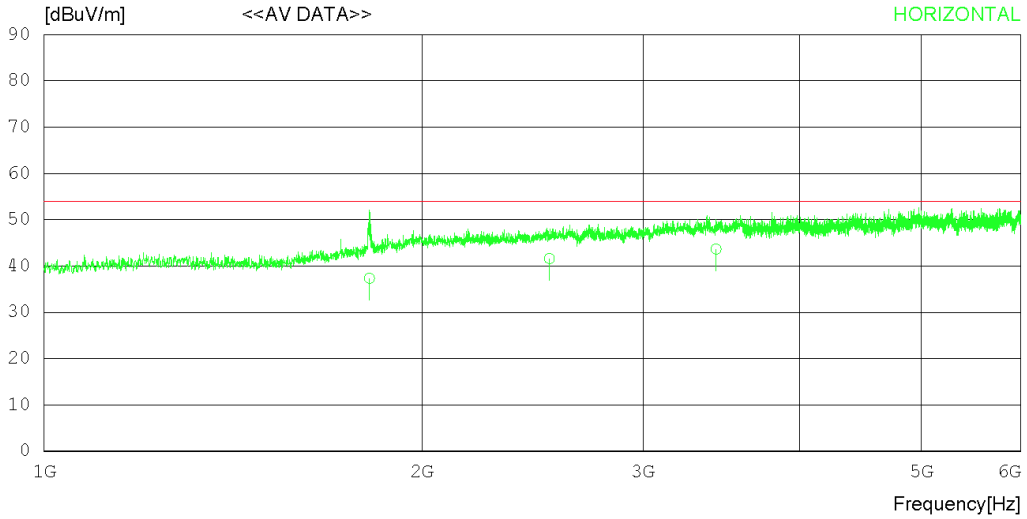
RADIATED EMISSION

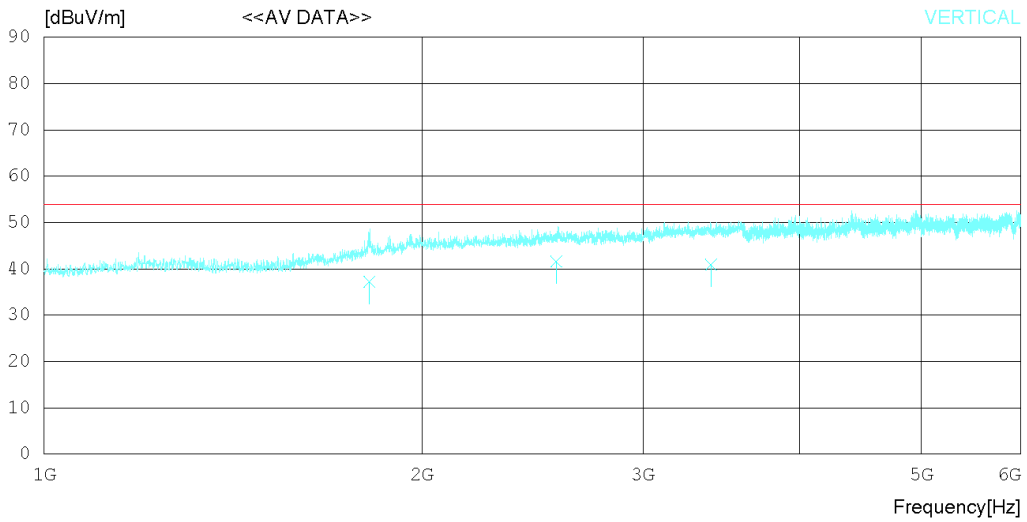
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.216	35.60	30.46	5.89	34.60	37.35	54.00	16.65	324	145
2	2526.842	36.82	32.41	7.00	34.65	41.58	54.00	12.42	305	318
3	3430.423	36.87	32.80	8.31	34.33	43.65	54.00	10.35	244	274
----- Vertical ------										
4	1816.242	35.50	30.46	5.89	34.60	37.25	54.00	16.75	120	322
5	2559.311	36.70	32.52	7.03	34.67	41.58	54.00	12.42	226	277
6	3398.157	34.22	32.80	8.27	34.38	40.91	54.00	13.09	177	145

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**	**-**

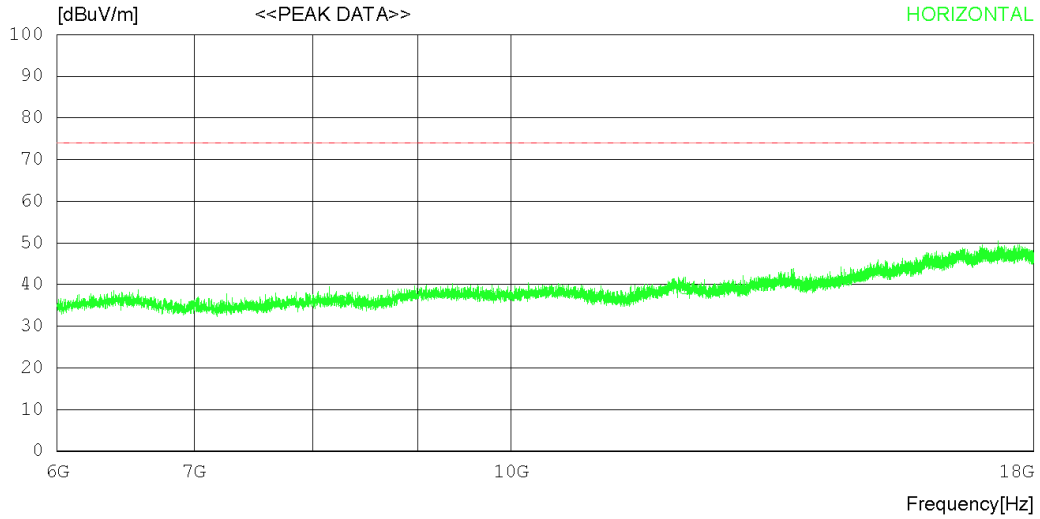
RADIATED EMISSION

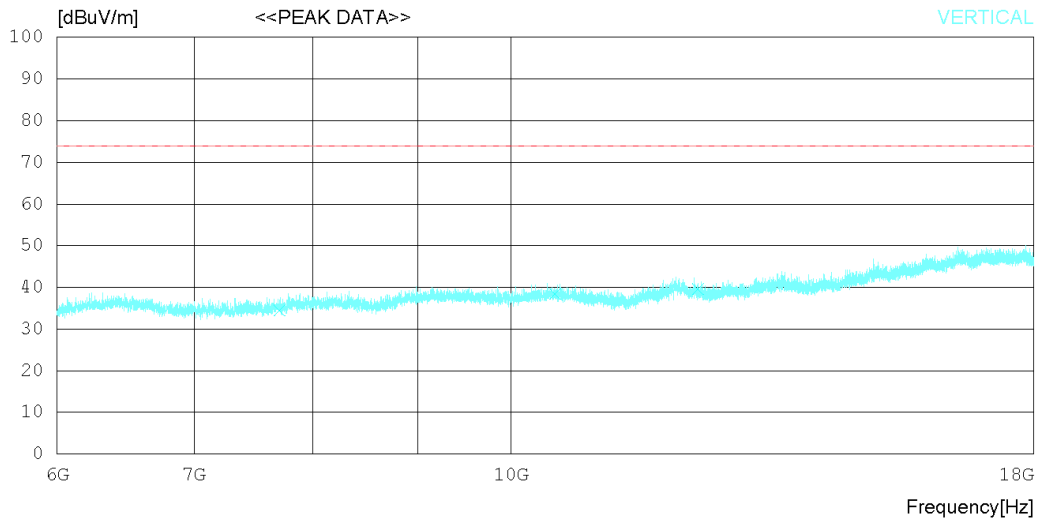
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	8258.250	29.20	31.51	12.79	37.35	36.15	74.0	37.85	124	0
2	9759.750	28.50	32.44	14.14	37.69	37.39	74.0	36.61	224	0
3	12143.250	27.80	33.47	15.58	37.90	38.95	74.0	35.05	372	22
----- Vertical ------										
4	7704.750	28.70	31.34	12.32	37.85	34.51	74.0	39.49	224	9
5	10502.250	29.40	32.48	14.65	38.10	38.43	74.0	35.57	134	0
6	12339.000	28.40	33.49	15.87	38.17	39.59	74.0	34.41	238	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**	**-**

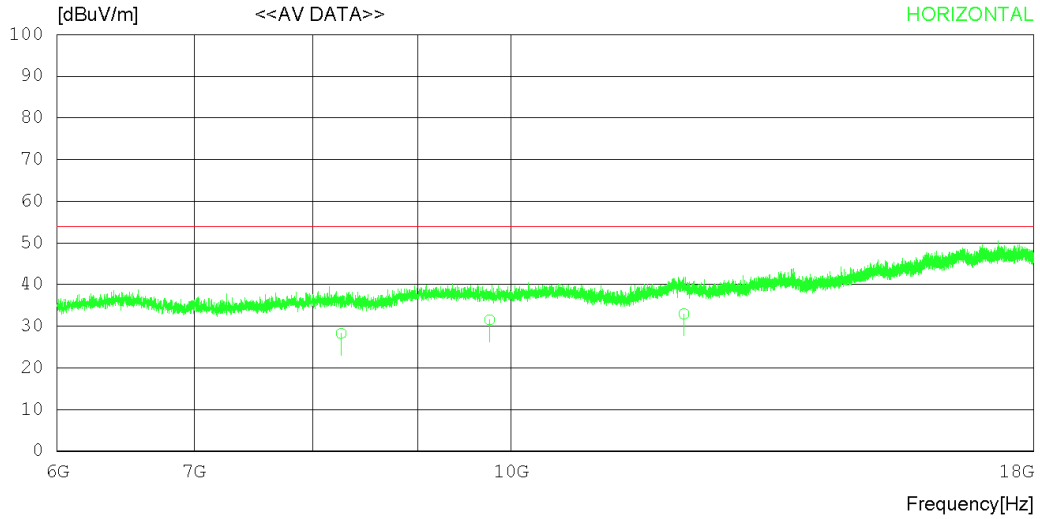
RADIATED EMISSION

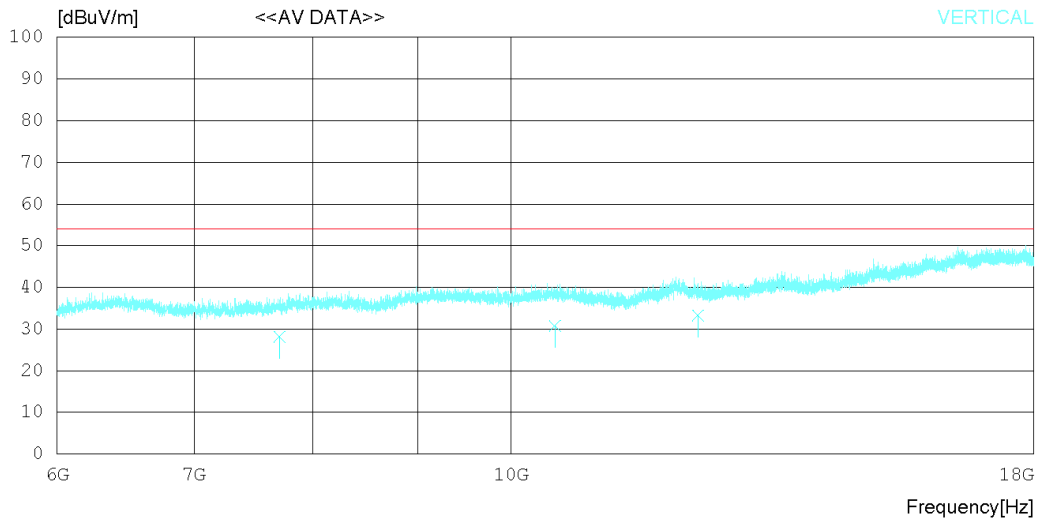
Date 2020-01-12

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	8258.244	21.30	31.51	12.79	37.35	28.25	54.00	25.75	302	201
2	9759.711	22.67	32.44	14.14	37.69	31.56	54.00	22.44	271	223
3	12143.210	21.79	33.47	15.58	37.90	32.94	54.00	21.06	178	308
----- Vertical ------										
4	7704.156	22.34	31.34	12.32	37.85	28.15	54.00	25.85	120	109
5	10502.210	21.78	32.48	14.65	38.10	30.81	54.00	23.19	243	223
6	12339.040	22.11	33.49	15.87	38.17	33.30	54.00	20.70	372	178

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**	**-**

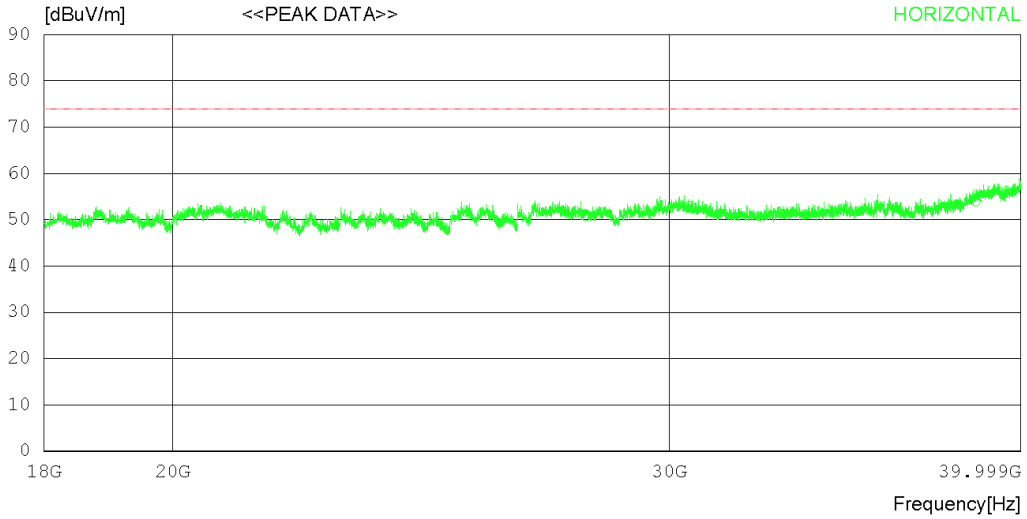
RADIATED EMISSION

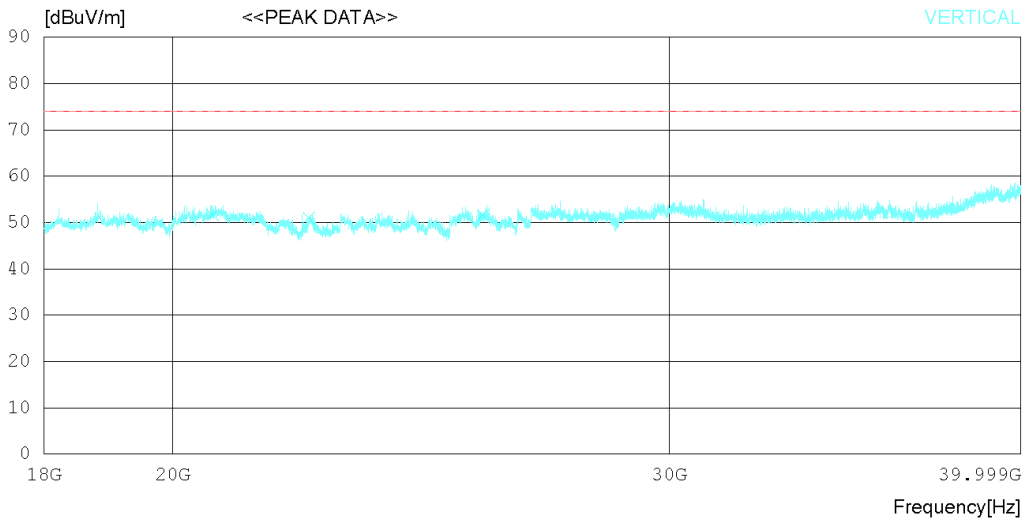
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	28026.500	36.10	46.30	21.28	52.84	50.84	74.0	23.16	325	78
2	30520.750	35.60	47.40	22.18	52.23	52.95	74.0	21.05	112	358
3	38534.250	34.20	46.90	25.22	52.27	54.05	74.0	19.95	256	358
----- Vertical ------										
4	20662.000	39.60	45.50	19.87	53.30	51.67	74.0	22.33	178	0
5	22350.500	39.60	45.45	19.97	53.94	51.08	74.0	22.92	223	109
6	25760.500	38.30	45.86	21.04	53.57	51.63	74.0	22.37	276	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	**Cresyn**	**Data cable**	**-**

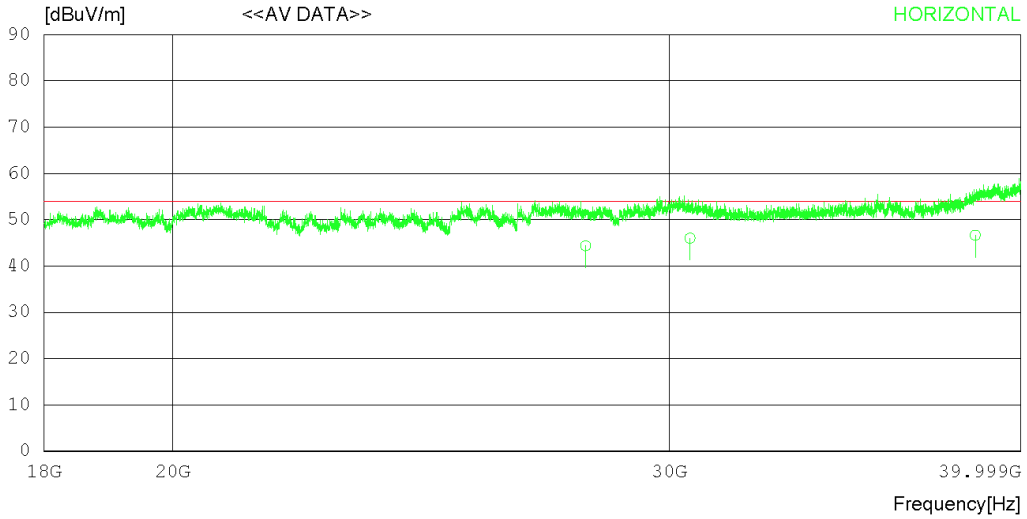
RADIATED EMISSION

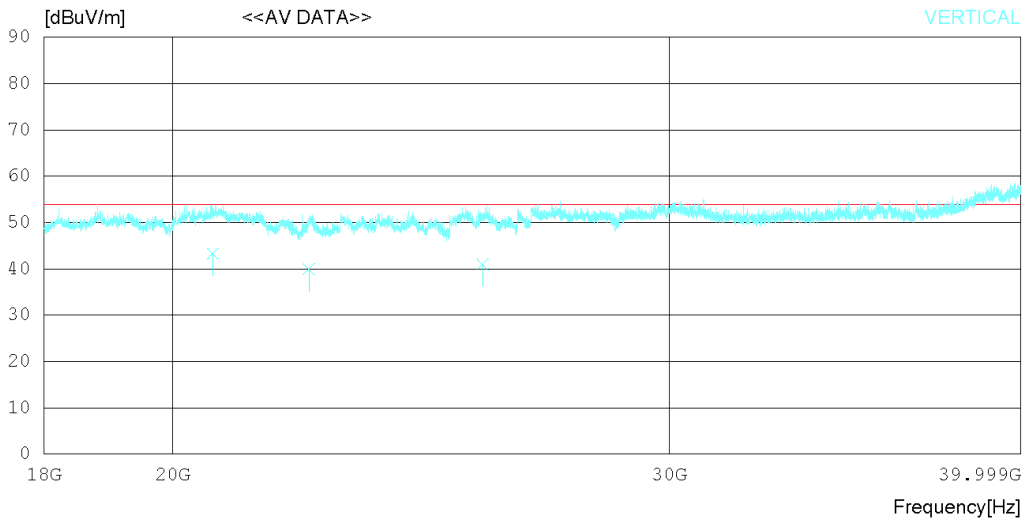
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	28026.51029.62	46.30	21.28	52.84	44.36	54.00	9.64	120	112	
2	30520.74028.66	47.40	22.18	52.23	46.01	54.00	7.99	223	23	
3	38534.62026.78	46.90	25.22	52.27	46.63	54.00	7.37	237	78	
----- Vertical ------										
4	20662.02031.20	45.50	19.87	53.30	43.27	54.00	10.73	123	76	
5	22350.54028.42	45.45	19.97	53.94	39.90	54.00	14.10	230	123	
6	25760.53027.61	45.86	21.04	53.57	40.94	54.00	13.06	177	322	

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**	**-**

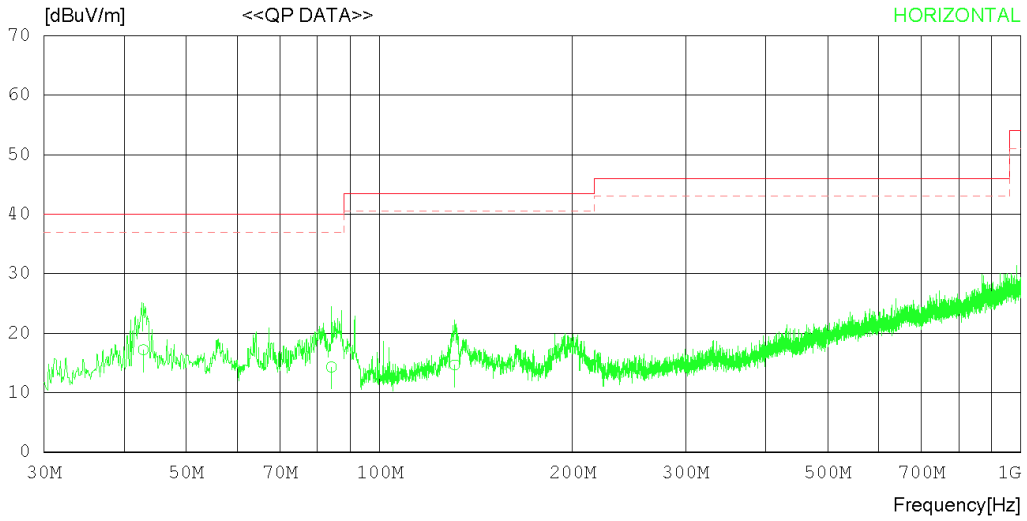
RADIATED EMISSION

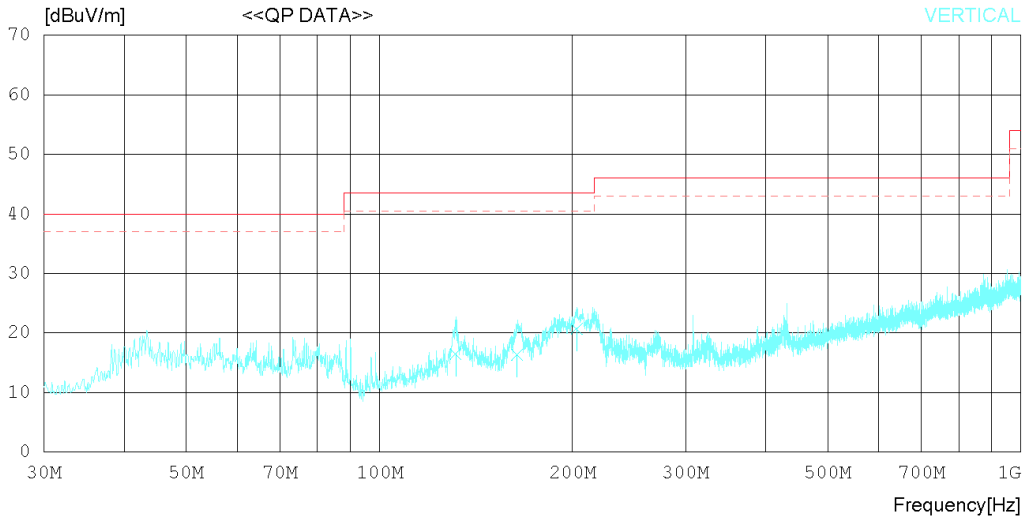
Date 2020-01-03

Order No. DTNC1912-10605
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition wireless charging

Memo bujeon

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





RADIATED EMISSION

Date 2020-01-03

Order No.	DTNC1912-10605
Power Supply	120 V 60 Hz
Temp/Humi	23 'C 40 % R.H.
Test Condition	wireless charging
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	42.853	24.20	17.59	1.22	25.81	17.20	40.00	22.80	123	124
2	84.198	24.88	13.68	1.48	25.73	14.31	40.00	25.69	325	308
3	130.999	20.60	18.07	1.67	25.68	14.66	43.50	28.84	277	158
----- Vertical ------										
4	131.484	22.37	18.10	1.67	25.68	16.46	43.50	27.04	120	165
5	163.857	21.62	18.59	1.78	25.65	16.34	43.50	27.16	223	28
6	203.020	28.22	16.15	1.94	25.61	20.70	43.50	22.80	172	187

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**	**-**

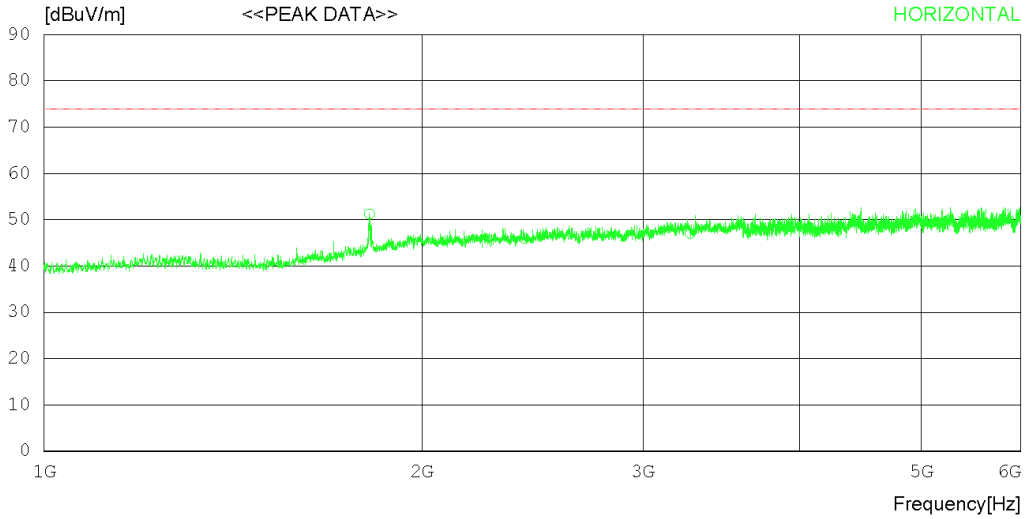
RADIATED EMISSION

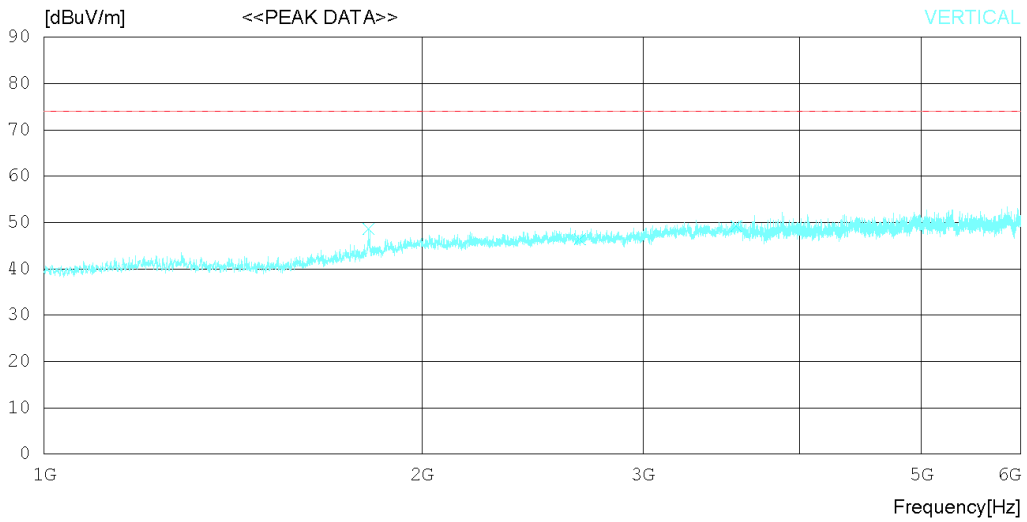
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.250	49.50	30.47	5.89	34.60	51.26	74.0	22.74	100	162
2	2411.250	41.90	31.87	6.86	34.58	46.05	74.0	27.95	100	5
3	3270.625	40.60	32.96	8.06	34.55	47.07	74.0	26.93	100	353
----- Vertical ------										
4	1813.750	46.90	30.46	5.88	34.60	48.64	74.0	25.36	100	261
5	2671.875	41.30	32.66	7.18	34.74	46.40	74.0	27.6	100	80
6	3560.625	41.90	33.03	8.46	34.15	49.24	74.0	24.76	100	1

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**	**-**

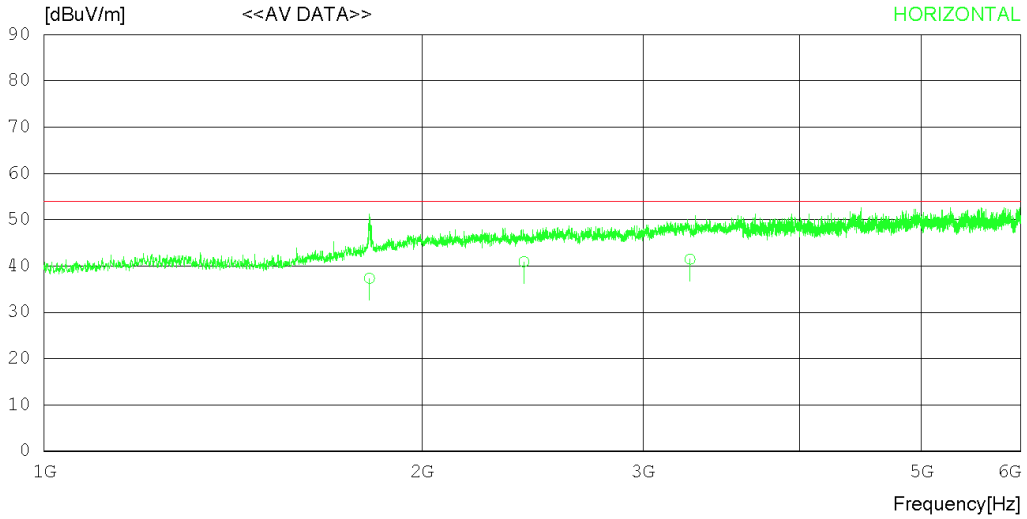
RADIATED EMISSION

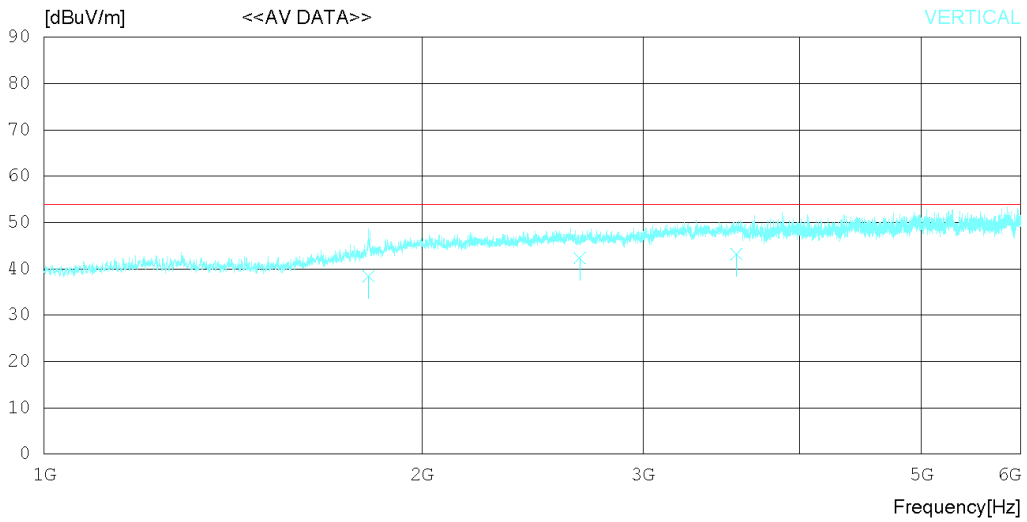
Date 2020-01-04

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	1816.425	35.60	30.47	5.89	34.60	37.36	54.00	16.64	120	223
2	2411.216	36.77	31.87	6.86	34.58	40.92	54.00	13.08	243	105
3	3270.421	34.98	32.96	8.06	34.55	41.45	54.00	12.55	321	135
----- Vertical ------										
4	1813.711	36.72	30.45	5.88	34.60	38.45	54.00	15.55	120	127
5	2671.421	37.22	32.66	7.18	34.74	42.32	54.00	11.68	224	78
6	3560.652	35.86	33.03	8.46	34.15	43.20	54.00	10.80	137	322

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**	**-**

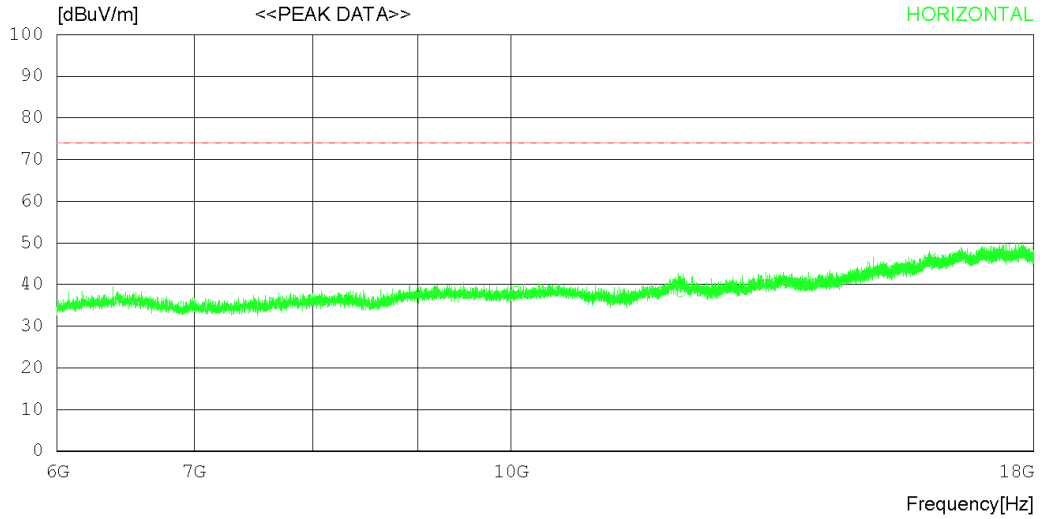
RADIATED EMISSION

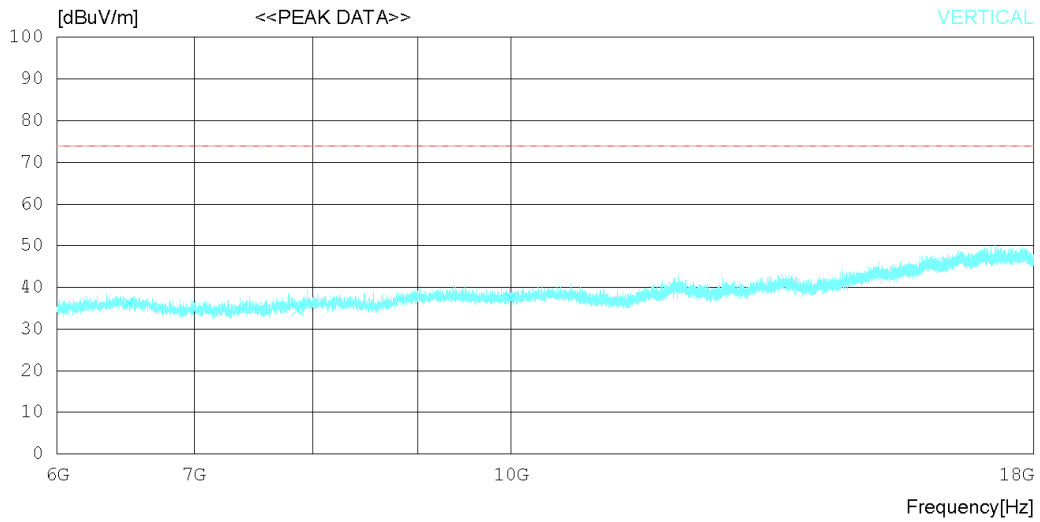
Date 2020-01-12

Order No. DTNC1912-10605
Power Supply 120 V 60 Hz
Temp/Humi 21 '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 2020-01-12

Order No.	DTNC1912-10605
Power Supply	120 V 60 Hz
Temp/Humi	21 '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	10052.250	29.00	32.54	14.41	37.56	38.39	74.0	35.61	242	2
2	12096.000	27.00	33.47	15.61	37.83	38.25	74.0	35.75	114	192
3	16437.750	26.30	36.91	19.30	36.14	46.37	74.0	27.63	320	358
----- Vertical ------										
4	6501.750	32.40	31.58	11.20	38.80	36.38	74.0	37.62	244	309
5	7865.250	28.50	31.32	12.49	37.70	34.61	74.0	39.39	123	0
6	9996.750	28.00	32.55	14.39	37.50	37.44	74.0	36.56	127	215

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**	**-**

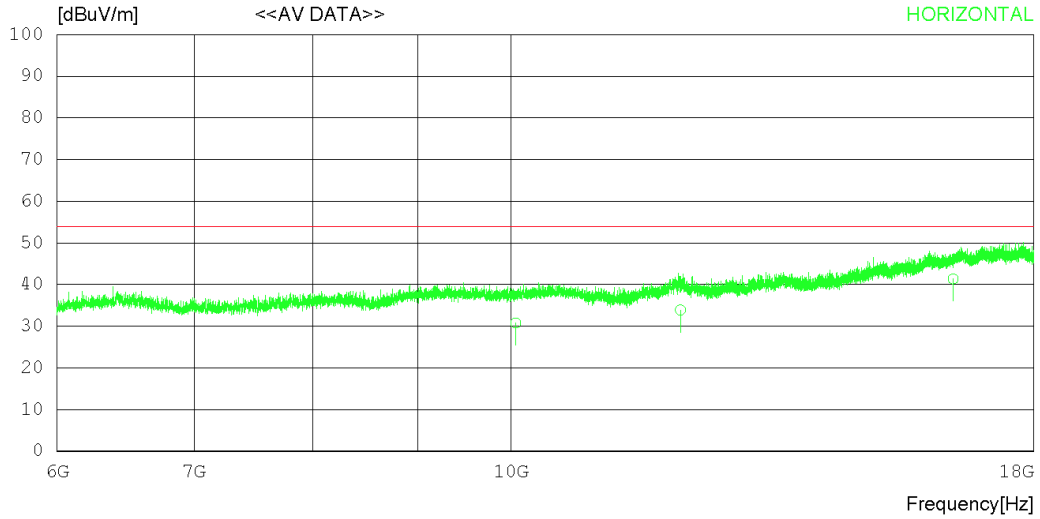
RADIATED EMISSION

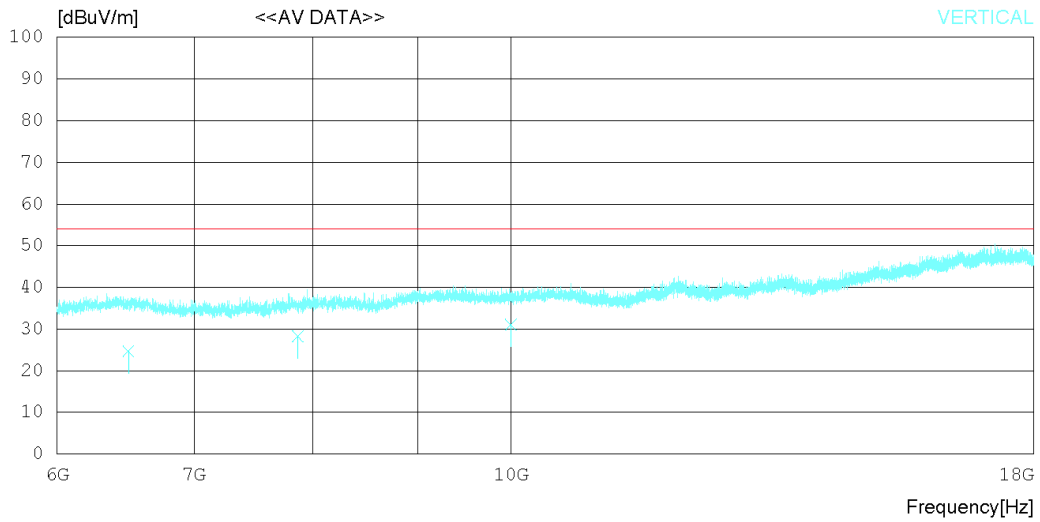
Date 2020-01-12

Order No. DTNC1912-10605
Power Supply 120 V 60 Hz
Temp/Humi 21 '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 2020-01-12

Order No.	DTNC1912-10605
Power Supply	120 V 60 Hz
Temp/Humi	21 '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	10052.110	21.36	32.54	14.41	37.56	30.75	54.00	23.25	223	227
2	12096.080	22.63	33.47	15.61	37.83	33.88	54.00	20.12	372	129
3	16437.740	21.27	36.91	19.30	36.14	41.34	54.00	12.66	214	132
----- Vertical ------										
4	6501.142	20.66	31.58	11.20	38.80	24.64	54.00	29.36	308	120
5	7865.244	22.14	31.32	12.49	37.70	28.25	54.00	25.75	224	277
6	9996.310	21.62	32.55	14.39	37.50	31.06	54.00	22.94	322	325

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**	**-**

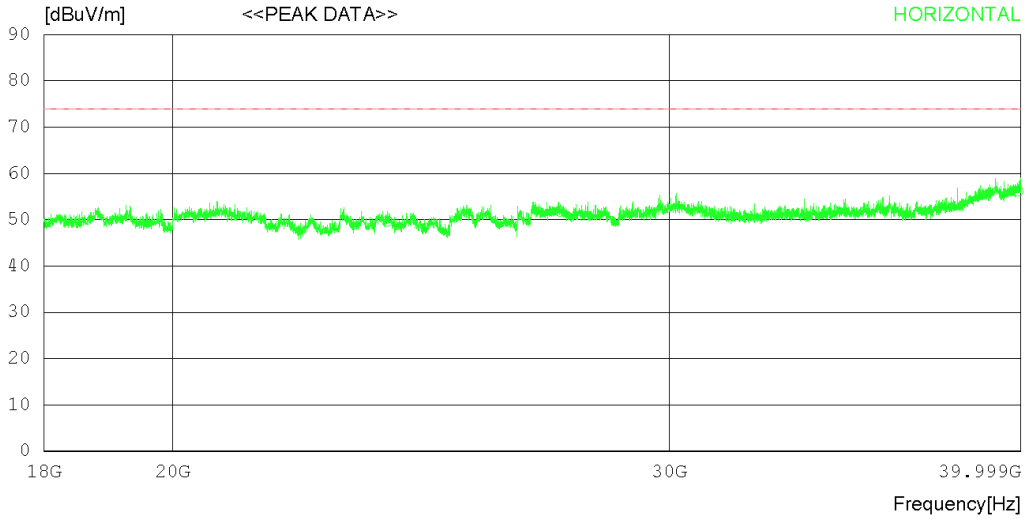
RADIATED EMISSION

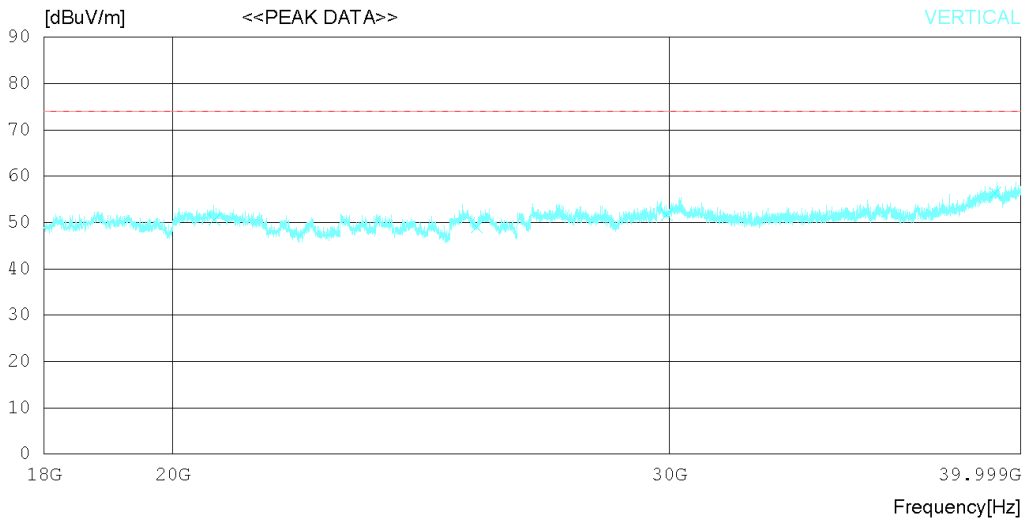
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	23824.500	38.00	45.32	20.41	54.08	49.65	74.0	24.35	234	143
2	27435.250	37.70	46.00	21.18	53.03	51.85	74.0	22.15	123	358
3	39901.000	34.80	49.10	24.45	52.20	56.15	74.0	17.85	322	36
----- Vertical ------										
4	20689.500	38.50	45.50	19.92	53.31	50.61	74.0	23.39	127	0
5	25642.250	35.80	45.80	21.00	53.61	48.99	74.0	25.01	352	0
6	29951.500	34.50	47.50	21.87	52.22	51.65	74.0	22.35	227	0
7	39169.500	35.30	47.84	25.53	52.24	56.43	74.0	17.57	135	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**	**-**

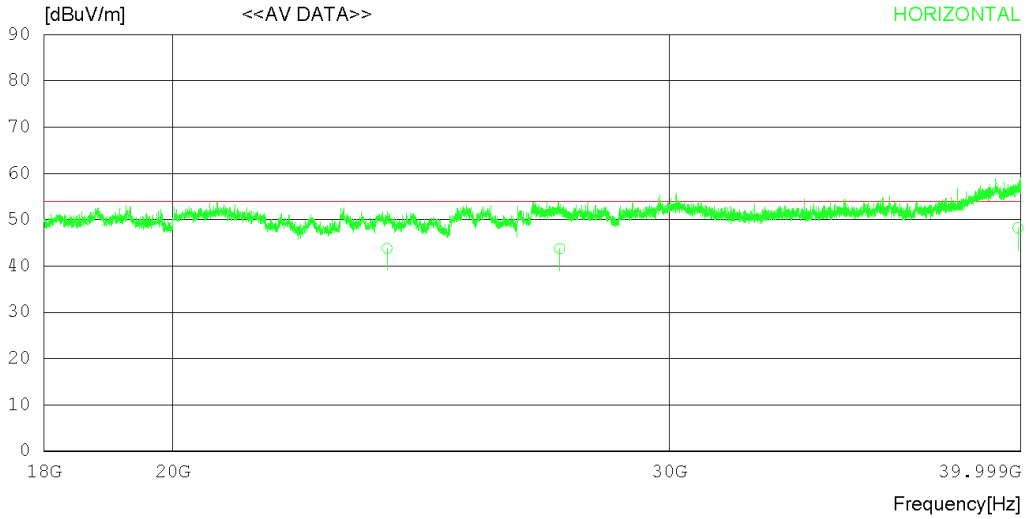
RADIATED EMISSION

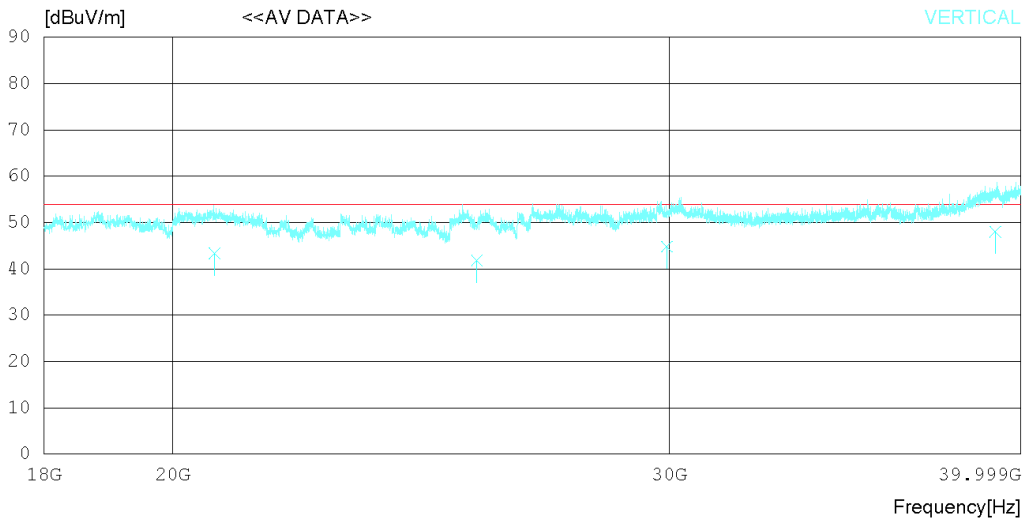
Date 2020-01-13

Order No. DTNC1912-10605
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.	DTNC1912-10605
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	23824.54032.16	45.32	20.41	54.08	43.81	54.00	10.19	120	78	
2	27435.21029.61	46.00	21.18	53.03	43.76	54.00	10.24	223	62	
3	39901.15026.87	49.10	24.45	52.20	48.22	54.00	5.78	278	126	
----- Vertical ------										
4	20689.52031.26	45.50	19.92	53.31	43.37	54.00	10.63	120	78	
5	25642.11028.60	45.80	21.00	53.61	41.79	54.00	12.21	223	123	
6	29951.54027.66	47.50	21.87	52.22	44.81	54.00	9.19	278	284	
7	39169.54026.89	47.84	25.53	52.24	48.02	54.00	5.98	332	175	

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-