

TEST REPORT



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. : DREFCC2001-0043(1)

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-V600AM / ZNFV600AM

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	Reviewed by
	Name : JunSeo Park (Signature)	Name : KyoungHwan Bae (Signature)

The test results presented in this test report are limited only to the sample supplied by applicant and the use of this test report is inhibited other than its purpose. This test report shall not be reproduced except in full, without the written approval of DT&C Co., Ltd.

Feb. 25. 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

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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.dtnet.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 23 rd , 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-V600AM
Add Model Name	LMV600AM, V600AM
FCC ID	ZNFV600AM
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
	2	NINGBO	LG0179	EAD65830102
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. (1. Cresyn + luxshare 2. Cresyn + ningbo / 3. Bujeon + luxshare 4. Bujeon + ningbo)
3	DATA COMMUNICAITON (Dual Screen)	The EUT is reading, writing, internal storage. (1. Cresyn + luxshare 2. Cresyn + ningbo / 3. Bujeon + luxshare 4. Bujeon + ningbo)
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. (1. Cresyn + luxshare 2. Cresyn + ningbo / 3. Bujeon + luxshare 4. Bujeon + ningbo)
3	DATA COMMUNICAITON (Dual Screen)	EUT was connected NOTEBOOK by USB cable C type and continuously operated. (1. Cresyn + luxshare 2. Cresyn + ningbo / 3. Bujeon + luxshare 4. Bujeon + ningbo)
4	WIRELESS CHARGING	EUT was at high speed on the wireless charger (Earphone : cresyn / bujeon)

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	I/O	2.0	shield	Plastic	LCD MONITOR
POEPOWER	AC	1.8	Non shield	Plastic	
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)	I/O	1.3	Non shield	Plastic	NOTEBOOK
USB(MOUSE)	I/O	1.8	Non shield	Plastic	
USB(KEYBOARD)	I/O	1.8	Non shield	Plastic	
USB(SSD)	I/O	1.0	Non shield	Plastic	
HDMI(MONITOR)	I/O	1.8	shield	Plastic	
AUX(EAR MIC)	I/O	1.8	Non shield	Plastic	
DC IN(ADAPTOR)	DC	1.8	Non shield	Plastic	NOTEBOOK ADAPTOR
DC OUT	DC	1.8	Non shield	Plastic	
POEWER	AC	-	Non shield	Plastic	
*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 [dB μ V]	Detector	Limit [dB μ V]	Margin [dB]
0.19946	L1	58.90	Quasi - Peak	63.63	4.73

-Radiated Disturbance

Frequency [MHz]	Pol.	Result [dB μ V/m]	Detector	Limit [dB μ V/m]	Margin [dB]
39175.050	V	50.76	Cispr - Average	54.00	3.24

6. Test Environment

Test Items	Test date (YYYY-MM-DD)	Temp. (°C)	Humidity (% R.H.)	Pressure (kPa)
Conducted Disturbance	2020-01-14	23	48	-
	2020-01-17	23	50	
	2020-01-20	22	46	
Radiated Disturbance	2020-01-03	23	40	-
	2020-01-04	25	43	
	2020-01-12	21	44	
	2020-01-13	26	44	
	2020-01-20	22	46	
	2020-01-20	24	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 (Refer to clauses 4)	Test configuration mode	2, 3, 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 <i>U</i> (95 %, Confidence level, <i>k</i> = 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

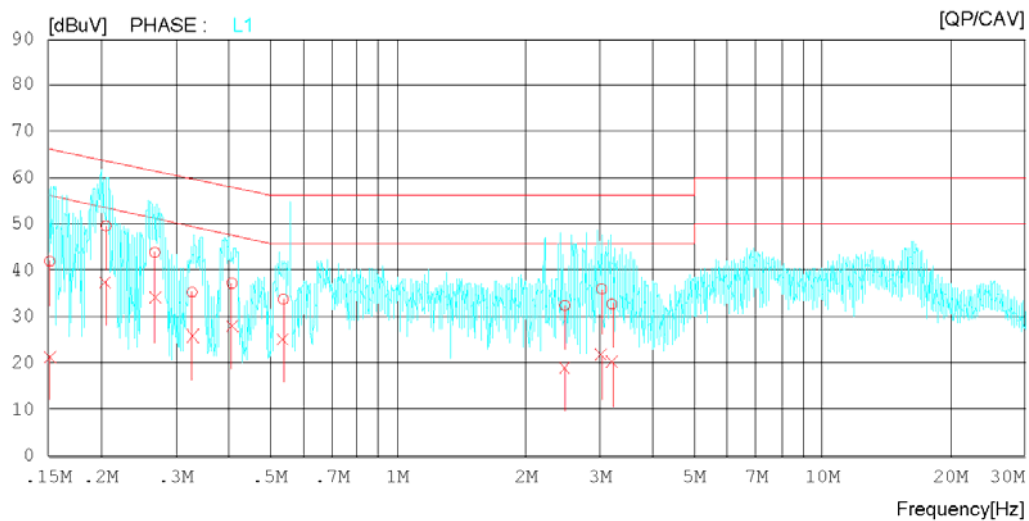
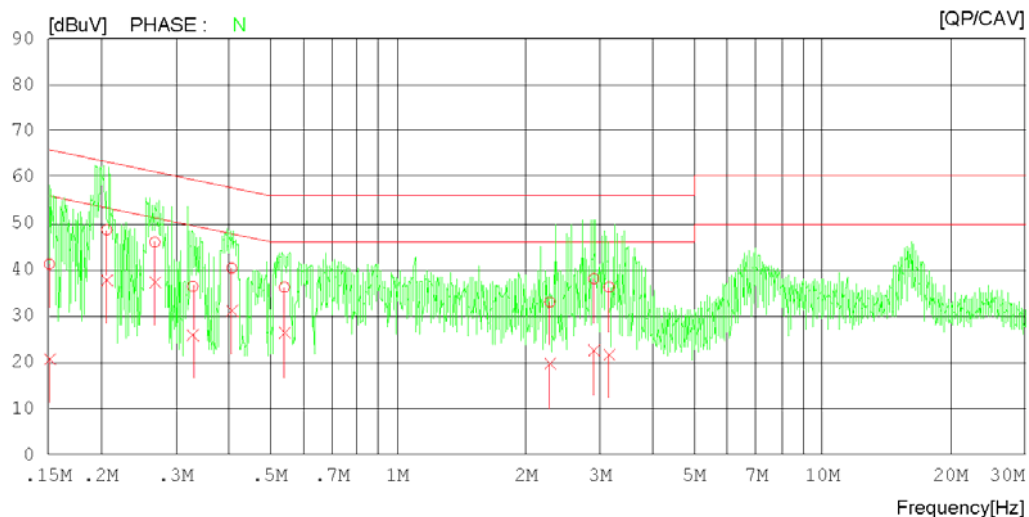
Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.15095	21.29	0.93	19.92	41.21	20.85	65.95	55.95	24.74	35.10	N
2	0.20639	28.63	17.77	19.97	48.60	37.74	63.35	53.35	14.75	15.61	N
3	0.26788	26.05	17.46	19.85	45.90	37.31	61.18	51.18	15.28	13.87	N
4	0.32877	16.36	5.93	19.99	36.35	25.92	59.48	49.48	23.13	23.56	N
5	0.40630	20.12	11.01	20.18	40.30	31.19	57.72	47.72	17.42	16.53	N
6	0.54109	15.94	6.02	20.24	36.18	26.26	56.00	46.00	19.82	19.74	N
7	2.28240	12.93	-0.50	20.11	33.04	19.61	56.00	46.00	22.96	26.39	N
8	2.89320	17.93	2.24	20.09	38.02	22.33	56.00	46.00	17.98	23.67	N
9	3.14600	16.11	1.54	20.09	36.20	21.63	56.00	46.00	19.80	24.37	N
10	0.15150	22.01	1.66	19.93	41.94	21.59	65.92	55.92	23.98	34.33	L1
11	0.20528	29.58	17.69	19.98	49.56	37.67	63.39	53.39	13.83	15.72	L1
12	0.26783	24.07	14.28	19.85	43.92	34.13	61.18	51.18	17.26	17.05	L1
13	0.32772	15.33	5.87	19.99	35.32	25.86	59.51	49.51	24.19	23.65	L1
14	0.40700	17.02	7.86	20.18	37.20	28.04	57.71	47.71	20.51	19.67	L1
15	0.53801	13.50	5.03	20.24	33.74	25.27	56.00	46.00	22.26	20.73	L1
16	2.47280	12.32	-0.91	20.13	32.45	19.22	56.00	46.00	23.55	26.78	L1
17	3.02400	15.91	1.54	20.08	35.99	21.62	56.00	46.00	20.01	24.38	L1
18	3.19560	12.68	0.18	20.09	32.77	20.27	56.00	46.00	23.23	25.73	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	Cresyn	Data cable	Ningbo

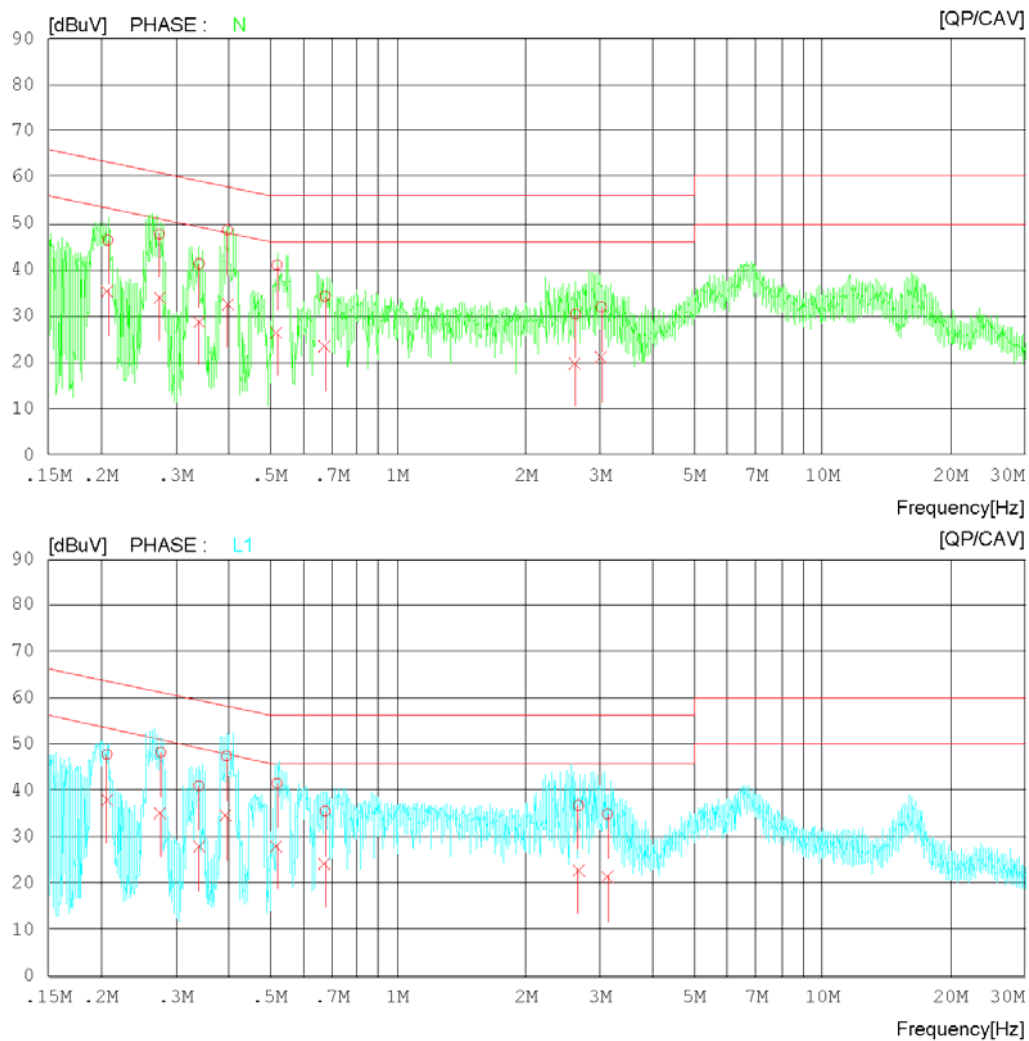
Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.20737	26.43	15.36	19.97	46.40	35.33	63.31	53.31	16.91	17.98	N
2	0.27459	27.81	14.16	19.86	47.67	34.02	60.98	50.98	13.31	16.96	N
3	0.34050	21.24	8.80	20.02	41.26	28.82	59.19	49.19	17.93	20.37	N
4	0.39728	28.42	12.41	20.17	48.59	32.58	57.91	47.91	9.32	15.33	N
5	0.51950	20.76	6.09	20.24	41.00	26.33	56.00	46.00	15.00	19.67	N
6	0.67350	14.11	3.25	20.17	34.28	23.42	56.00	46.00	21.72	22.58	N
7	2.62205	10.34	-0.25	20.12	30.46	19.87	56.00	46.00	25.54	26.13	N
8	3.01422	11.85	0.89	20.08	31.93	20.97	56.00	46.00	24.07	25.03	N
9	0.20659	27.79	18.18	19.97	47.76	38.15	63.34	53.34	15.58	15.19	L1
10	0.27624	28.36	15.38	19.86	48.22	35.24	60.93	50.93	12.71	15.69	L1
11	0.34008	20.97	7.85	20.02	40.99	27.87	59.20	49.20	18.21	21.33	L1
12	0.39450	27.23	14.42	20.17	47.40	34.59	57.97	47.97	10.57	13.38	L1
13	0.51950	21.26	7.96	20.24	41.50	28.20	56.00	46.00	14.50	17.80	L1
14	0.67350	15.38	4.06	20.17	35.55	24.23	56.00	46.00	20.45	21.77	L1
15	2.66604	16.68	2.80	20.12	36.80	22.92	56.00	46.00	19.20	23.08	L1
16	3.11986	14.79	1.27	20.09	34.88	21.36	56.00	46.00	21.12	24.64	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

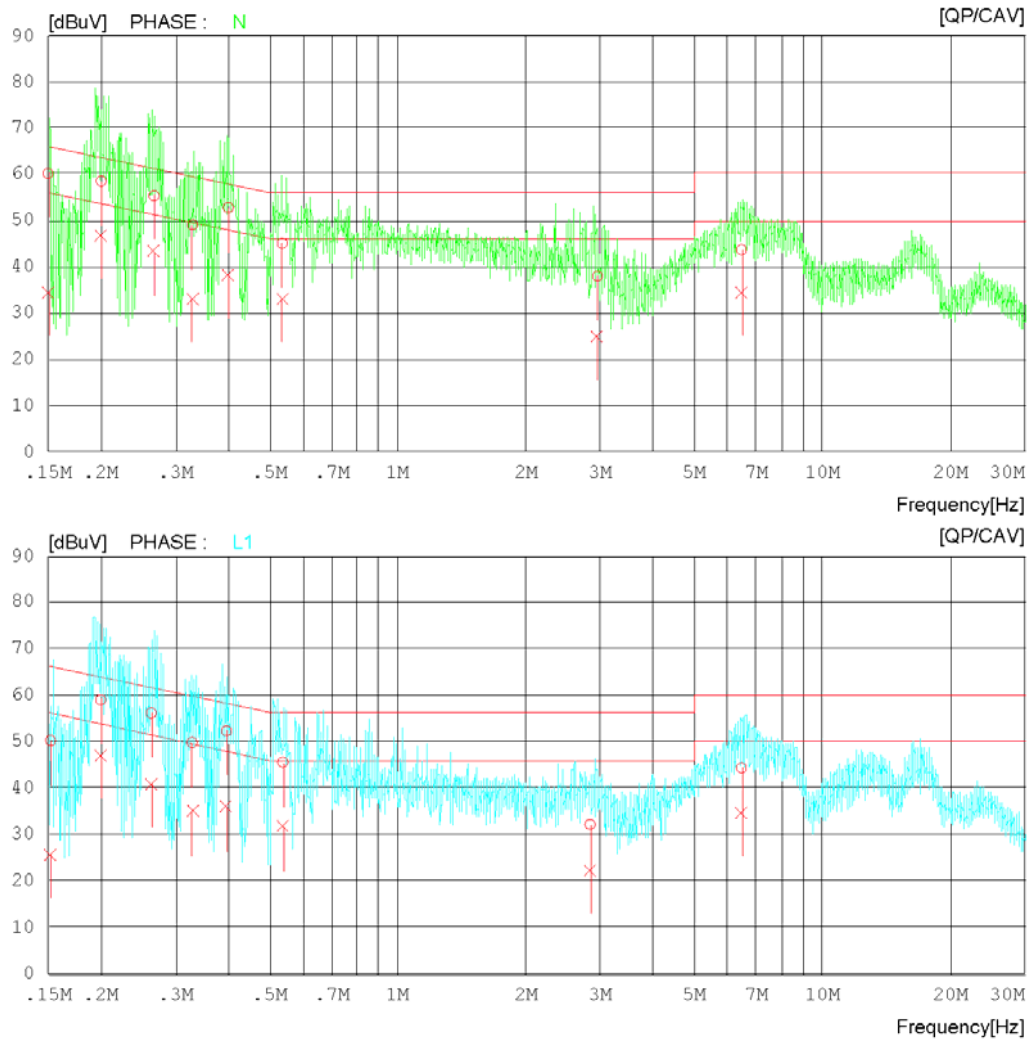
Results of Conducted Emission

DT&C
Date 2020-01-14

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-14

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 48 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.15009	40.20	14.51	19.91	60.11	34.42	66.00	56.00	5.89	21.58	N
2	0.20015	38.50	26.90	20.00	58.50	46.90	63.60	53.60	5.10	6.70	N
3	0.26663	35.44	23.43	19.84	55.28	43.27	61.22	51.22	5.94	7.95	N
4	0.32870	28.99	13.05	19.99	48.98	33.04	59.48	49.48	10.50	16.44	N
5	0.39886	32.55	18.02	20.18	52.73	38.20	57.88	47.88	5.15	9.68	N
6	0.53438	24.78	12.77	20.24	45.02	33.01	56.00	46.00	10.98	12.99	N
7	2.95360	17.91	4.84	20.09	38.00	24.93	56.00	46.00	18.00	21.07	N
8	6.45220	23.29	14.07	20.35	43.64	34.42	60.00	50.00	16.36	15.58	N
9	0.15207	30.21	5.84	19.94	50.15	25.78	65.89	55.89	15.74	30.11	L1
10	0.19946	38.90	27.07	20.00	58.90	47.07	63.63	53.63	4.73	6.56	L1
11	0.26256	36.20	21.05	19.84	56.04	40.89	61.35	51.35	5.31	10.46	L1
12	0.32765	29.78	15.10	19.99	49.77	35.09	59.51	49.51	9.74	14.42	L1
13	0.39491	32.04	15.67	20.17	52.21	35.84	57.96	47.96	5.75	12.12	L1
14	0.53594	25.23	11.56	20.24	45.47	31.80	56.00	46.00	10.53	14.20	L1
15	2.83920	12.01	2.34	20.09	32.10	22.43	56.00	46.00	23.90	23.57	L1
16	6.45380	23.81	14.41	20.45	44.26	34.86	60.00	50.00	15.74	15.14	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	Ningbo

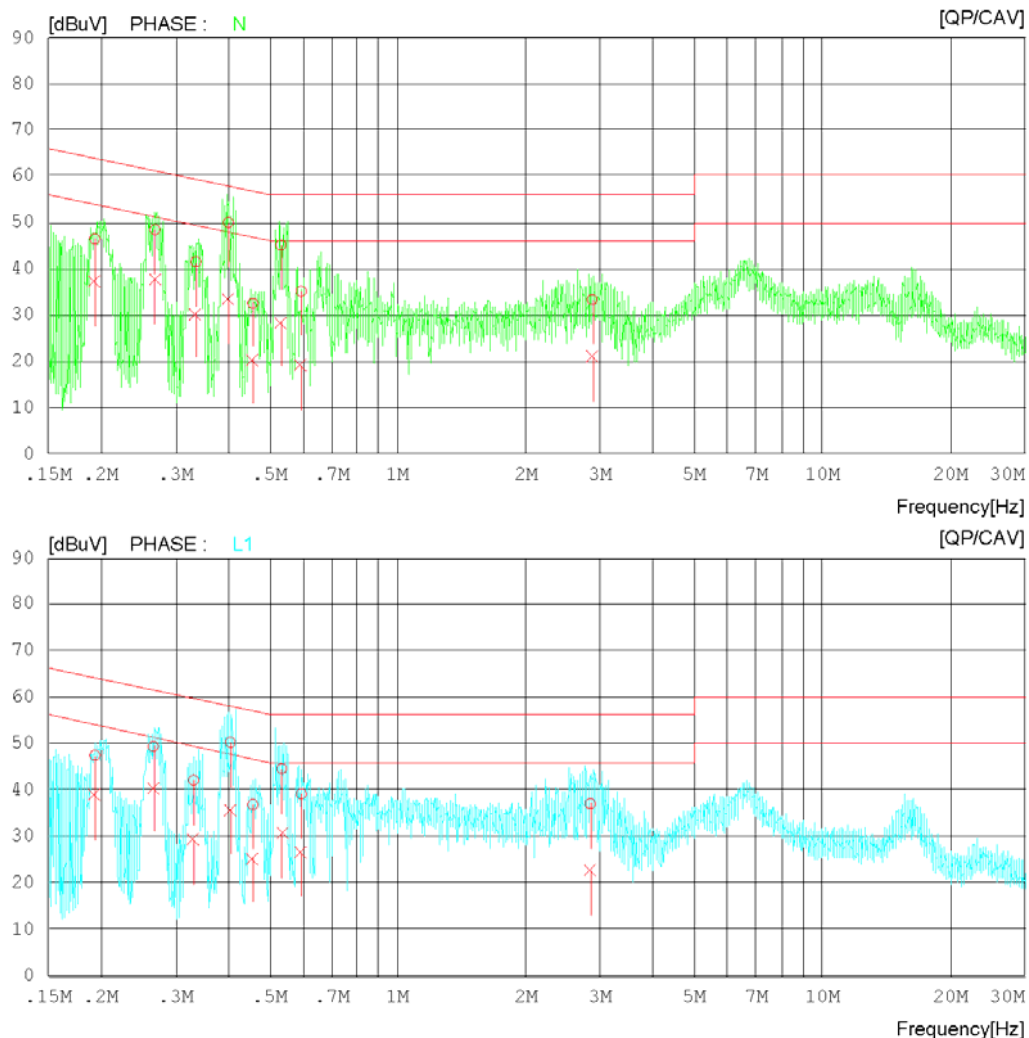
Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 50 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.19355	26.38	17.03	20.04	46.42	37.07	63.88	53.88	17.46	16.81	N
2	0.26774	28.57	17.70	19.85	48.42	37.55	61.19	51.19	12.77	13.64	N
3	0.33450	21.46	10.17	20.01	41.47	30.18	59.34	49.34	17.87	19.16	N
4	0.39916	29.76	13.10	20.18	49.94	33.28	57.87	47.87	7.93	14.59	N
5	0.45550	12.31	0.02	20.21	32.52	20.23	56.77	46.77	24.25	26.54	N
6	0.53083	24.86	8.17	20.24	45.10	28.41	56.00	46.00	10.90	17.59	N
7	0.59282	14.86	-1.16	20.24	35.10	19.08	56.00	46.00	20.90	26.92	N
8	2.87202	13.19	0.86	20.10	33.29	20.96	56.00	46.00	22.71	25.04	N
9	0.19352	27.35	18.72	20.04	47.39	38.76	63.88	53.88	16.49	15.12	L1
10	0.26550	29.52	20.57	19.84	49.36	40.41	61.26	51.26	11.90	10.85	L1
11	0.33026	22.03	9.31	20.00	42.03	29.31	59.44	49.44	17.41	20.13	L1
12	0.40350	30.02	15.45	20.18	50.20	35.63	57.78	47.78	7.58	12.15	L1
13	0.45550	16.63	4.98	20.21	36.84	25.19	56.77	46.77	19.93	21.58	L1
14	0.53294	24.27	10.50	20.24	44.51	30.74	56.00	46.00	11.49	15.26	L1
15	0.59226	18.89	6.33	20.24	39.13	26.57	56.00	46.00	16.87	19.43	L1
16	2.84337	16.90	2.67	20.09	36.99	22.76	56.00	46.00	19.01	23.24	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

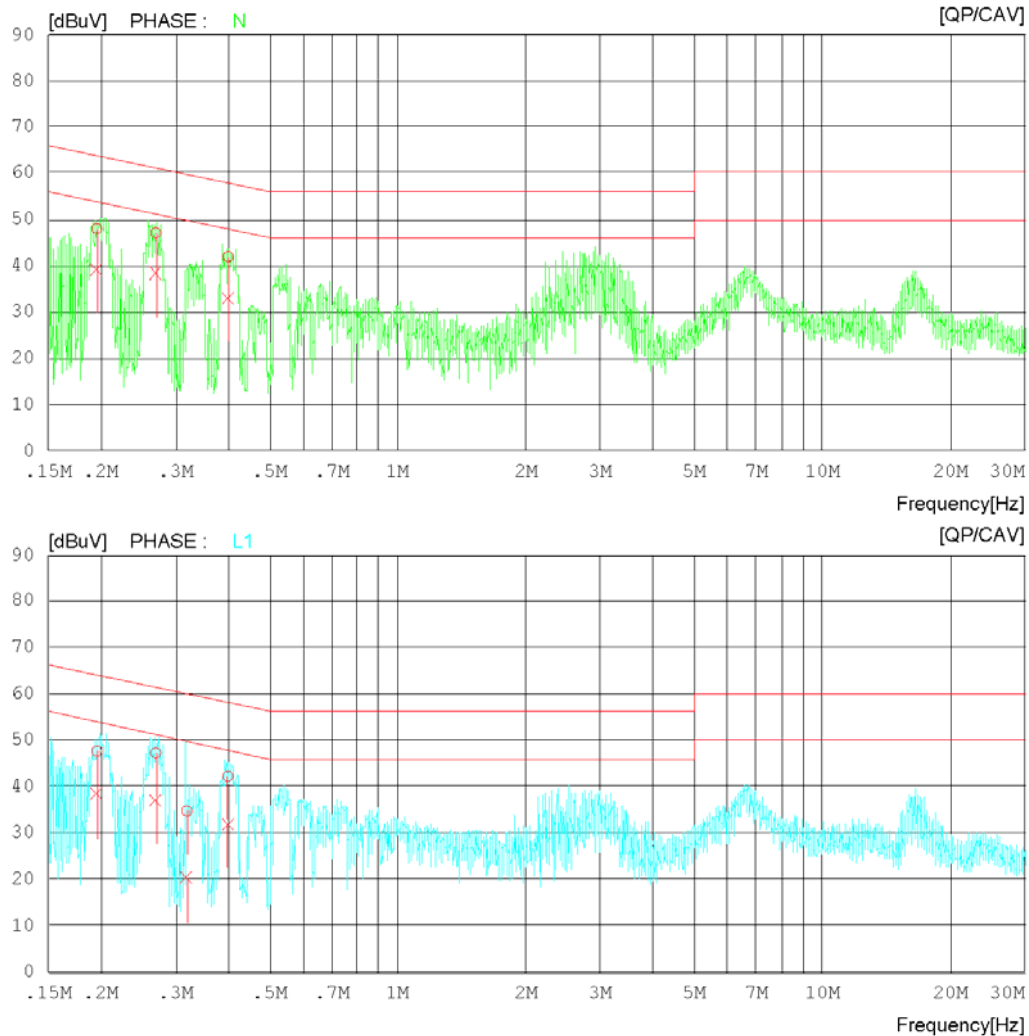
Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
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



Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
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

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.19550	27.96	19.31	20.03	47.99	39.34	63.80	53.80	15.81	14.46	N
2	0.26927	27.21	18.57	19.85	47.06	38.42	61.14	51.14	14.08	12.72	N
3	0.39862	21.78	12.86	20.18	41.96	33.04	57.88	47.88	15.92	14.84	N
4	0.19550	27.56	18.33	20.03	47.59	38.36	63.80	53.80	16.21	15.44	L1
5	0.26913	27.32	17.37	19.85	47.17	37.22	61.14	51.14	13.97	13.92	L1
6	0.31850	14.75	0.39	19.97	34.72	20.36	59.75	49.75	25.03	29.39	L1
7	0.39750	22.02	11.81	20.18	42.20	31.99	57.91	47.91	15.71	15.92	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	Ningbo

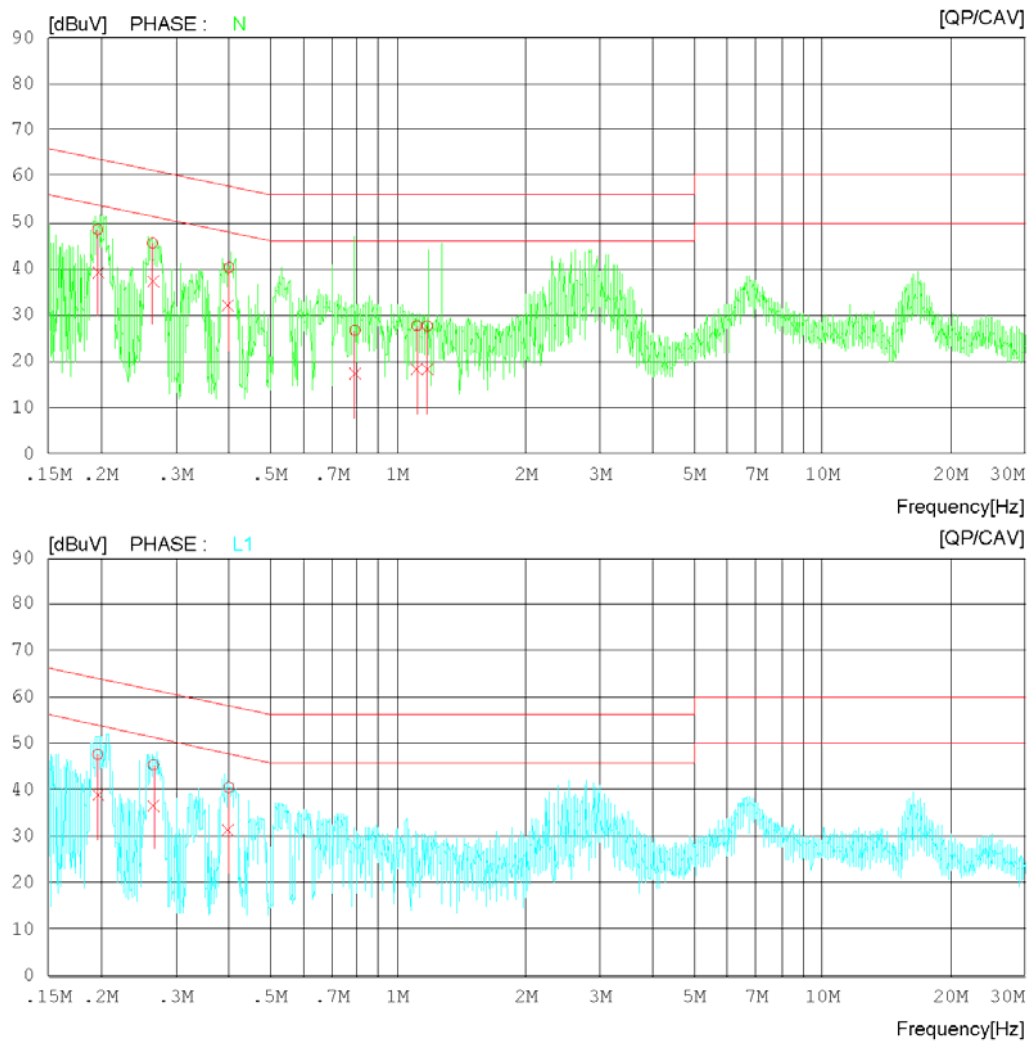
Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 °C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn+DS

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 °C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn+DS

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.19650	28.38	19.33	20.02	48.40	39.35	63.76	53.76	15.36	14.41	N
2	0.26450	25.66	17.52	19.84	45.50	37.36	61.29	51.29	15.79	13.93	N
3	0.40007	20.07	11.73	20.18	40.25	31.91	57.85	47.85	17.60	15.94	N
4	0.79272	6.51	-2.95	20.14	26.65	17.19	56.00	46.00	29.35	28.81	N
5	1.10867	7.57	-2.00	20.09	27.66	18.09	56.00	46.00	28.34	27.91	N
6	1.17488	7.58	-1.78	20.06	27.64	18.28	56.00	46.00	28.36	27.72	N
7	0.19650	27.53	18.78	20.02	47.55	38.80	63.76	53.76	16.21	14.96	L1
8	0.26552	25.51	16.79	19.84	45.35	36.63	61.26	51.26	15.91	14.63	L1
9	0.39999	20.37	11.33	20.18	40.55	31.51	57.85	47.85	17.30	16.34	L1

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

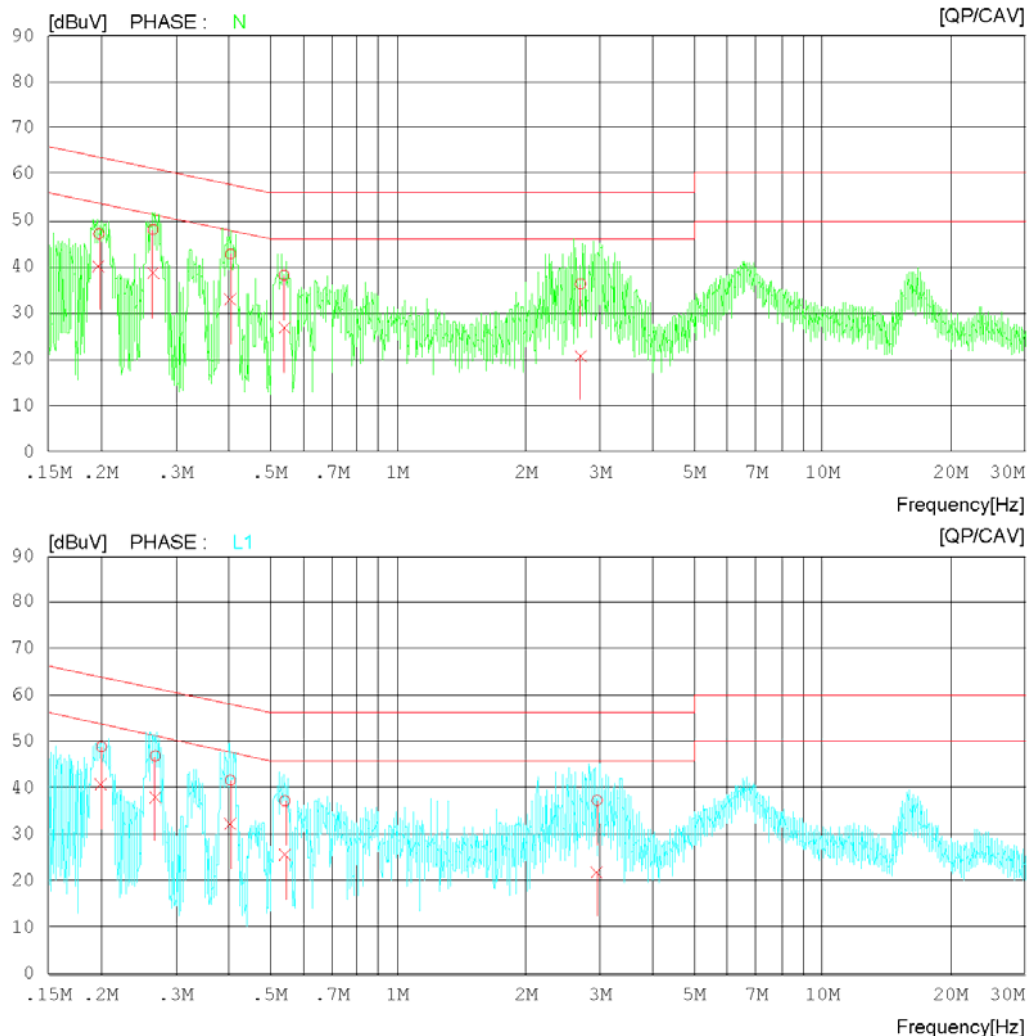
Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 °C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon+DS

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.19750	27.03	20.21	20.02	47.05	40.23	63.71	53.71	16.66	13.48	N
2	0.26515	28.13	18.65	19.84	47.97	38.49	61.27	51.27	13.30	12.78	N
3	0.40338	22.49	12.57	20.18	42.67	32.75	57.78	47.78	15.11	15.03	N
4	0.53972	17.92	6.52	20.24	38.16	26.76	56.00	46.00	17.84	19.24	N
5	2.69693	16.18	0.68	20.11	36.29	20.79	56.00	46.00	19.71	25.21	N
6	0.20028	28.81	20.68	20.00	48.81	40.68	63.60	53.60	14.79	12.92	L1
7	0.26874	27.00	18.14	19.85	46.85	37.99	61.16	51.16	14.31	13.17	L1
8	0.40350	21.41	12.00	20.18	41.59	32.18	57.78	47.78	16.19	15.60	L1
9	0.54201	16.92	5.33	20.24	37.16	25.57	56.00	46.00	18.84	20.43	L1
10	2.95056	17.18	1.81	20.09	37.27	21.90	56.00	46.00	18.73	24.10	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	Ningbo

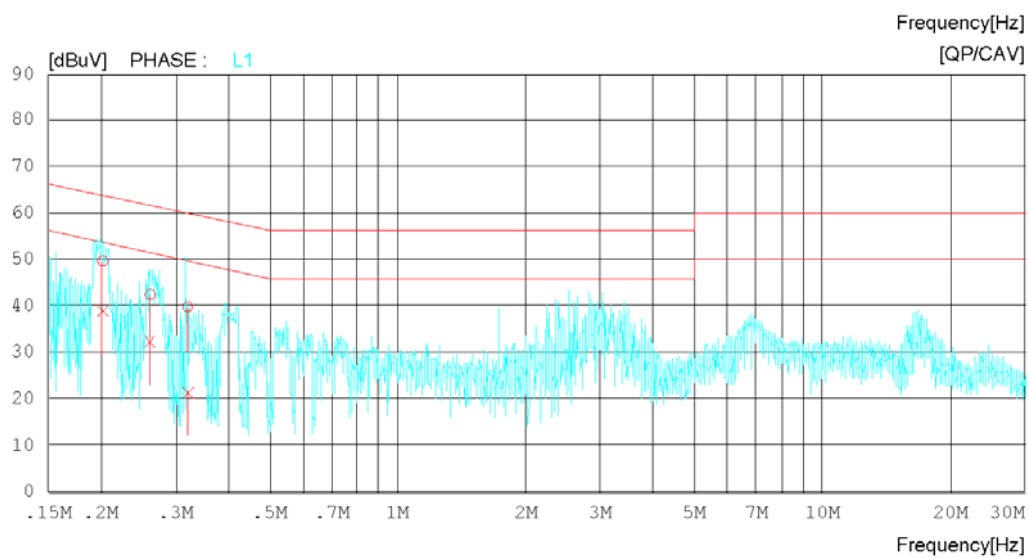
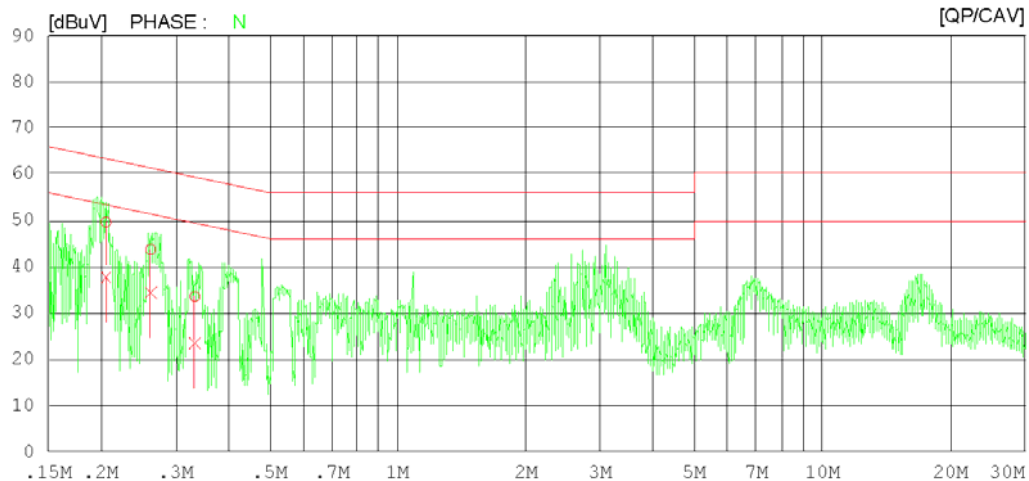
Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+bujeon+DS

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2020-01-20

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 °C 46 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+bujeon+DS

LIMIT : CISPR32_B QP
CISPR32_B AV

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.20550	29.66	17.53	19.98	49.64	37.51	63.39	53.39	13.75	15.88	N
2	0.26158	23.86	14.54	19.83	43.69	34.37	61.38	51.38	17.69	17.01	N
3	0.33256	13.49	3.38	20.01	33.50	23.39	59.39	49.39	25.89	26.00	N
4	0.20203	29.66	18.95	19.99	49.65	38.94	63.53	53.53	13.88	14.59	L1
5	0.26081	22.62	12.65	19.83	42.45	32.48	61.41	51.41	18.96	18.93	L1
6	0.31950	19.83	1.59	19.97	39.80	21.56	59.72	49.72	19.92	28.16	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	-

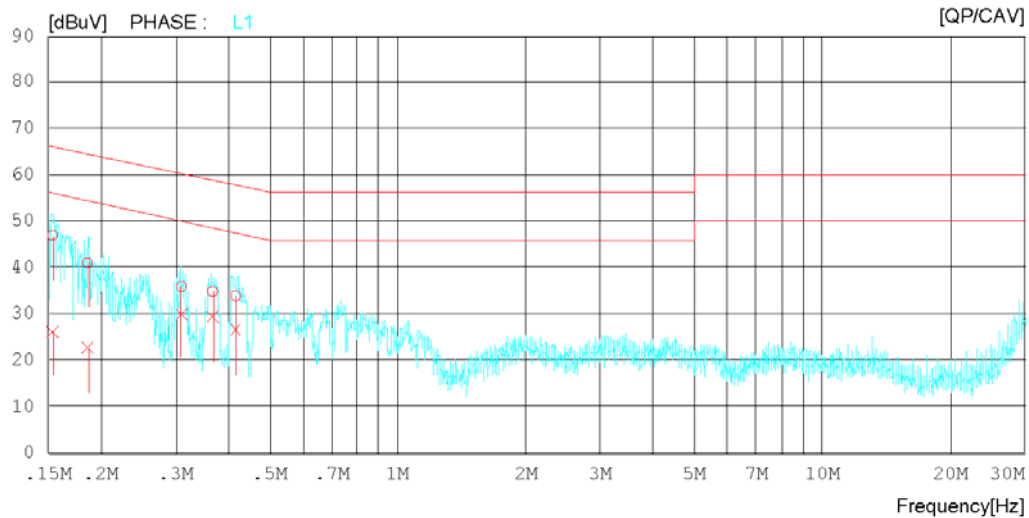
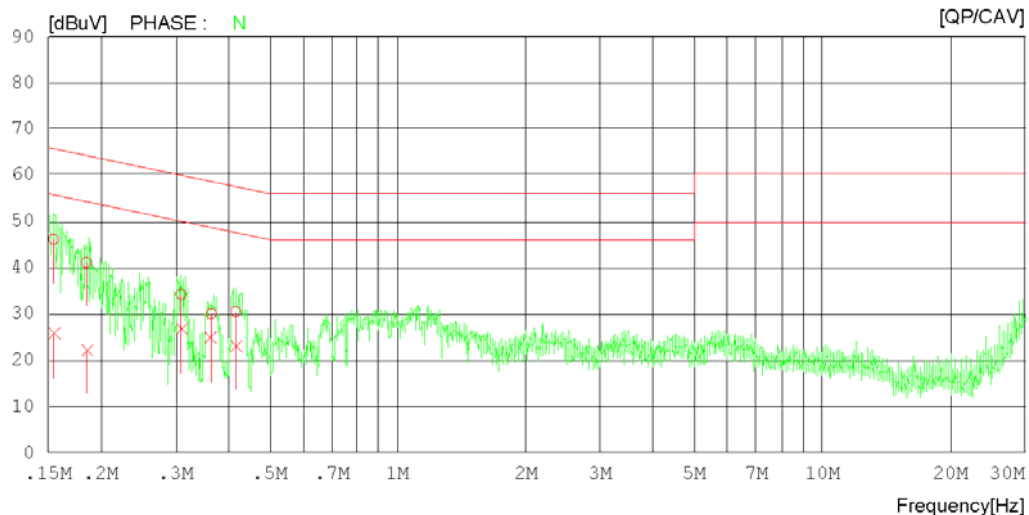
Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
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. DTNC1912-10607
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 [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.15457	26.18	5.66	19.98	46.16	25.64	65.75	55.75	19.59	30.11	N
2	0.18485	20.97	2.00	20.10	41.07	22.10	64.26	54.26	23.19	32.16	N
3	0.30866	14.34	6.68	19.93	34.27	26.61	60.01	50.01	25.74	23.40	N
4	0.36350	10.01	4.75	20.08	30.09	24.83	58.65	48.65	28.56	23.82	N
5	0.41535	10.32	3.00	20.19	30.51	23.19	57.54	47.54	27.03	24.35	N
6	0.15359	26.90	6.34	19.96	46.86	26.30	65.80	55.80	18.94	29.50	L1
7	0.18599	20.90	2.67	20.09	40.99	22.76	64.21	54.21	23.22	31.45	L1
8	0.30892	15.93	10.02	19.93	35.86	29.95	60.00	50.00	24.14	20.05	L1
9	0.36654	14.76	9.26	20.08	34.84	29.34	58.58	48.58	23.74	19.24	L1
10	0.41484	13.70	6.27	20.19	33.89	26.46	57.55	47.55	23.66	21.09	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	-

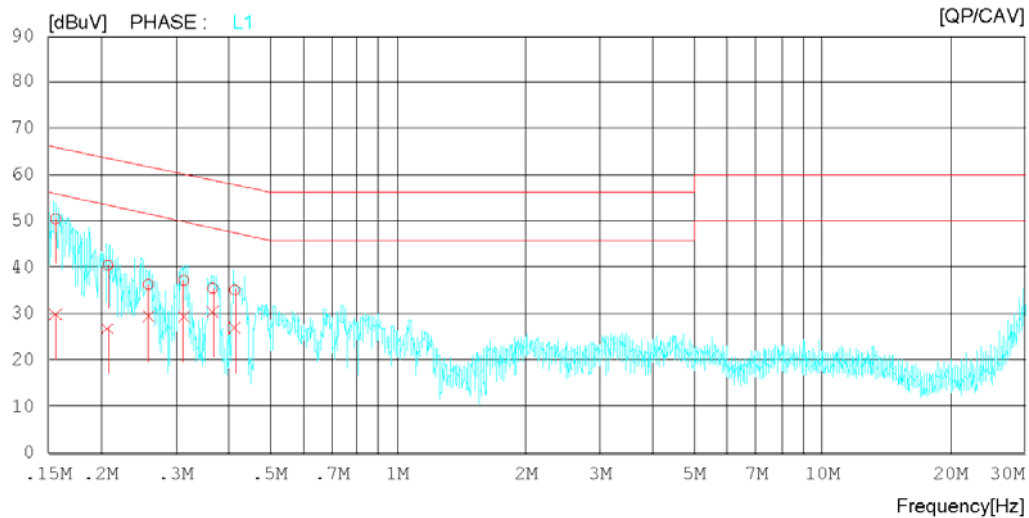
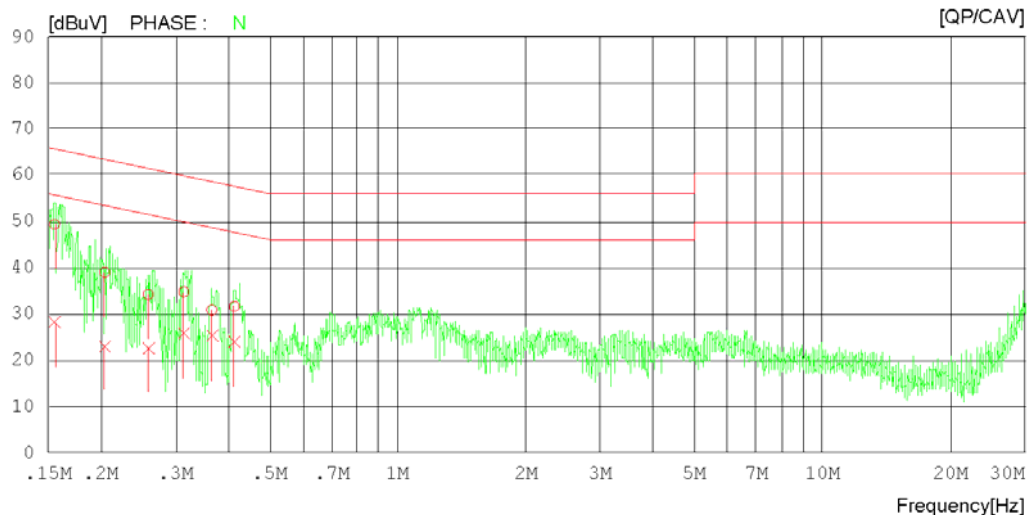
Results of Conducted Emission

DT&C
Date 2020-01-17

Order No. DTNC1912-10607
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. DTNC1912-10607
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		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.15550	29.38	8.17	19.99	49.37	28.16	65.70	55.70	16.33	27.54	N
2	0.20433	18.98	3.08	19.98	38.96	23.06	63.43	53.43	24.47	30.37	N
3	0.25850	14.37	2.91	19.83	34.20	22.74	61.48	51.48	27.28	28.74	N
4	0.31350	14.83	5.84	19.96	34.79	25.80	59.88	49.88	25.09	24.08	N
5	0.36452	10.75	5.32	20.08	30.83	25.40	58.62	48.62	27.79	23.22	N
6	0.41237	11.43	3.66	20.19	31.62	23.85	57.60	47.60	25.98	23.75	N
7	0.15626	30.46	9.67	20.00	50.46	29.67	65.66	55.66	15.20	25.99	L1
8	0.20750	20.54	6.83	19.97	40.51	26.80	63.30	53.30	22.79	26.50	L1
9	0.25850	16.47	9.50	19.83	36.30	29.33	61.48	51.48	25.18	22.15	L1
10	0.31350	17.20	9.34	19.96	37.16	29.30	59.88	49.88	22.72	20.58	L1
11	0.36610	15.41	10.29	20.08	35.49	30.37	58.59	48.59	23.10	18.22	L1
12	0.41308	14.92	6.75	20.19	35.11	26.94	57.59	47.59	22.48	20.65	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		5 th harmonic of the highest frequency or 40 GHz, whichever is lower		

Measurement uncertainty	
Expended uncertainty <i>U</i> (95 %, Confidence level, <i>k</i> = 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	-

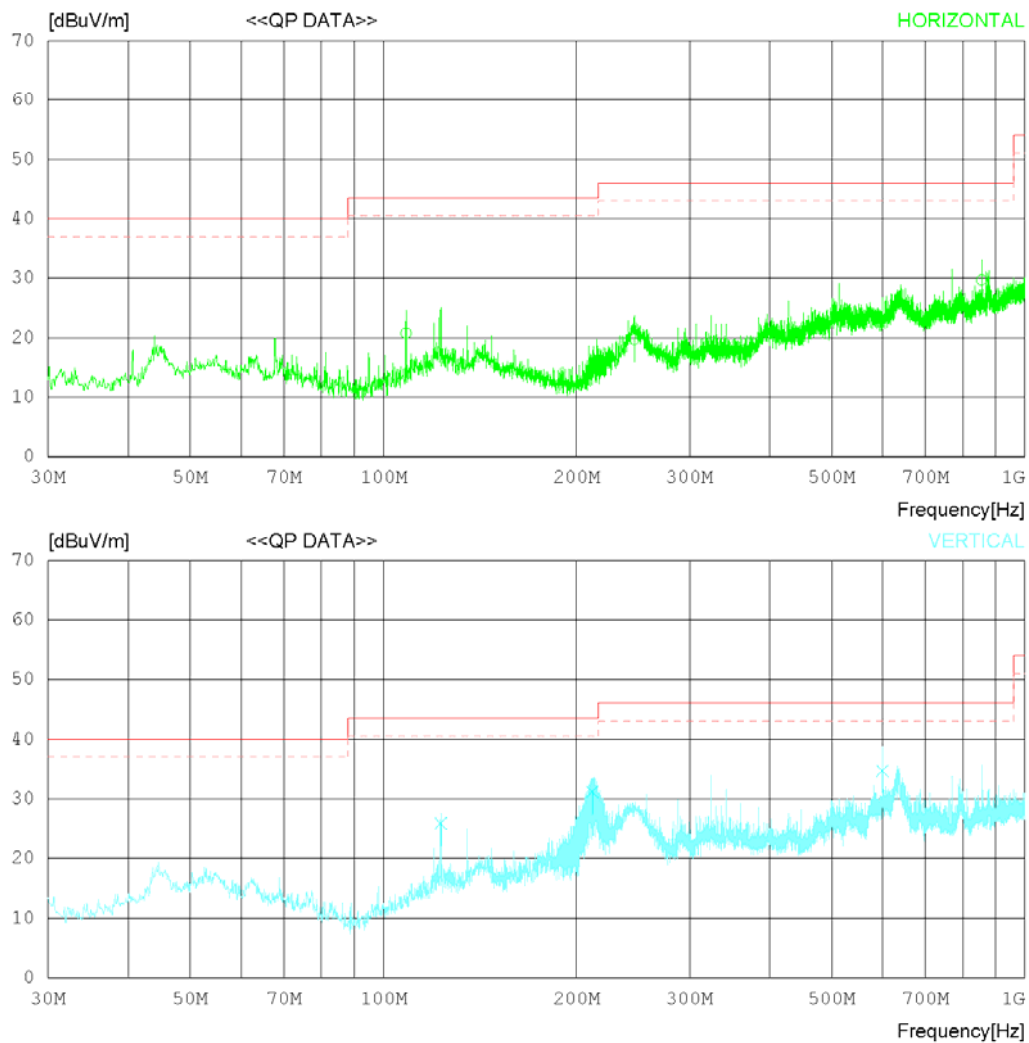
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
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. DTNC1912-10607
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	108.447	28.60	16.23	1.61	25.69	20.75	43.50	22.75	342	120
2	245.941	25.32	18.04	2.09	25.73	19.72	46.00	26.28	312	237
3	856.018	22.62	29.20	3.59	25.74	29.67	46.00	16.33	278	273
----- Vertical -----										
4	122.876	32.67	17.22	1.67	25.69	25.87	43.50	17.63	120	256
5	211.749	38.27	16.57	1.97	25.63	31.18	43.50	12.32	266	171
6	599.153	31.22	25.88	3.10	25.49	34.71	46.00	11.29	308	251

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	-

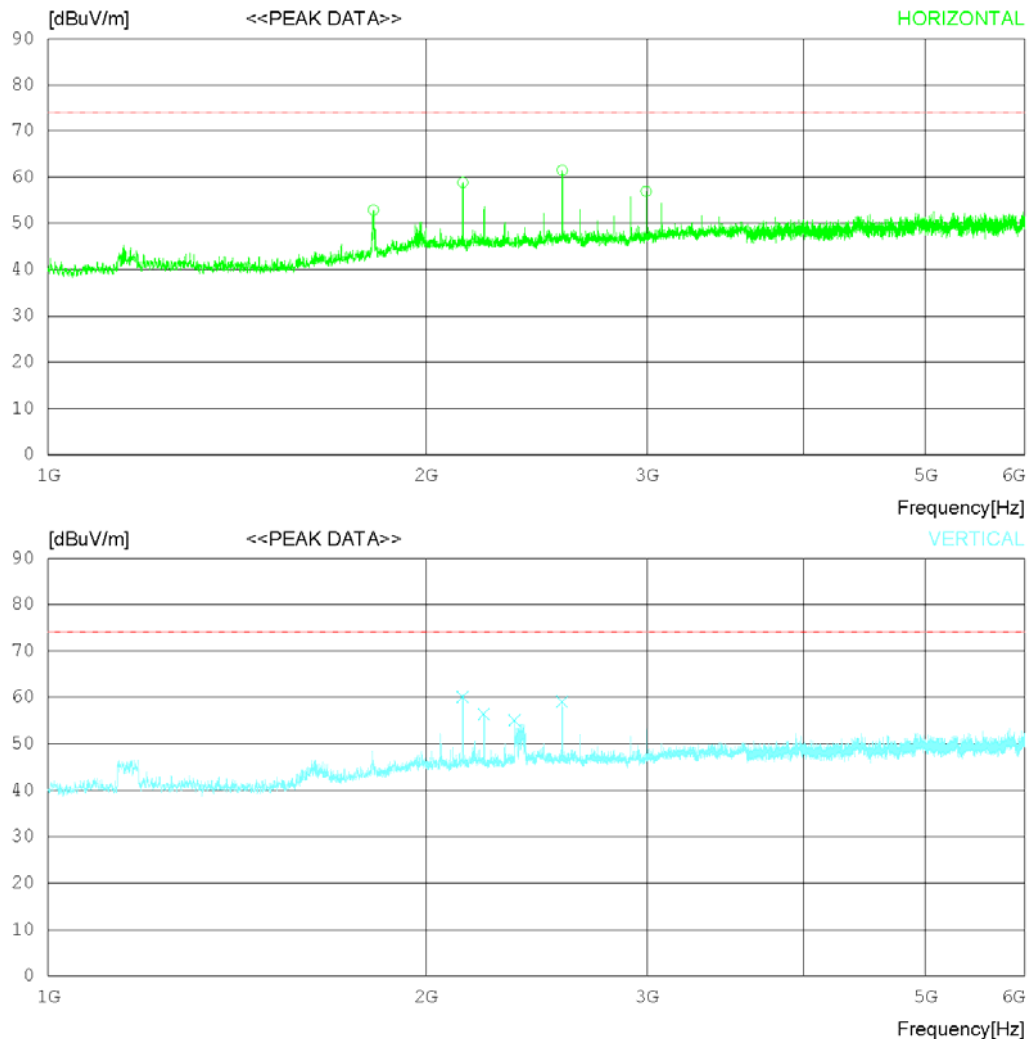
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1816.250	51.10	30.47	5.89	34.60	52.86	74.0	21.14	246	358
2	2140.000	55.00	31.70	6.53	34.42	58.81	74.0	15.19	242	222
3	2568.125	56.50	32.54	7.05	34.68	61.41	74.0	12.59	356	358
4	2995.625	51.60	32.49	7.74	34.93	56.90	74.0	17.1	172	358
----- Vertical -----										
5	2139.375	56.20	31.70	6.53	34.42	60.01	74.0	13.99	224	0
6	2225.000	52.60	31.60	6.66	34.47	56.39	74.0	17.61	124	103
7	2352.500	51.10	31.71	6.80	34.55	55.06	74.0	18.94	165	0
8	2567.500	54.10	32.54	7.05	34.67	59.02	74.0	14.98	353	0

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

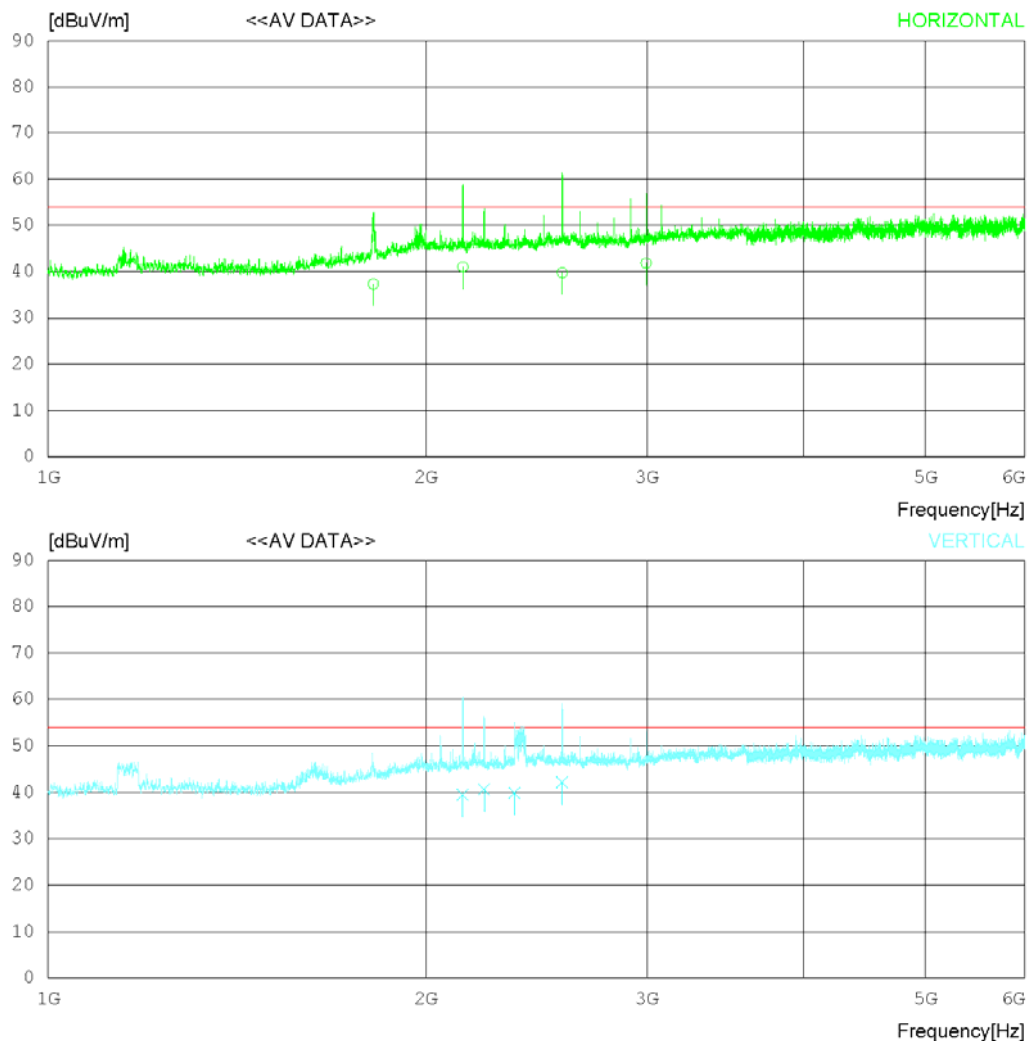
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1816.145	35.60	30.46	5.89	34.60	37.35	54.00	16.65	120	135
2	2140.273	37.22	31.70	6.53	34.42	41.03	54.00	12.97	234	214
3	2568.240	34.85	32.54	7.05	34.68	39.76	54.00	14.24	223	311
4	2995.468	36.52	32.49	7.74	34.93	41.82	54.00	12.18	278	205
----- Vertical -----										
5	2139.124	35.60	31.70	6.53	34.42	39.41	54.00	14.59	205	78
6	2225.420	36.80	31.60	6.66	34.47	40.59	54.00	13.41	334	122
7	2352.513	35.87	31.71	6.80	34.55	39.83	54.00	14.17	217	265
8	2567.342	37.23	32.53	7.05	34.67	42.14	54.00	11.86	236	322

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

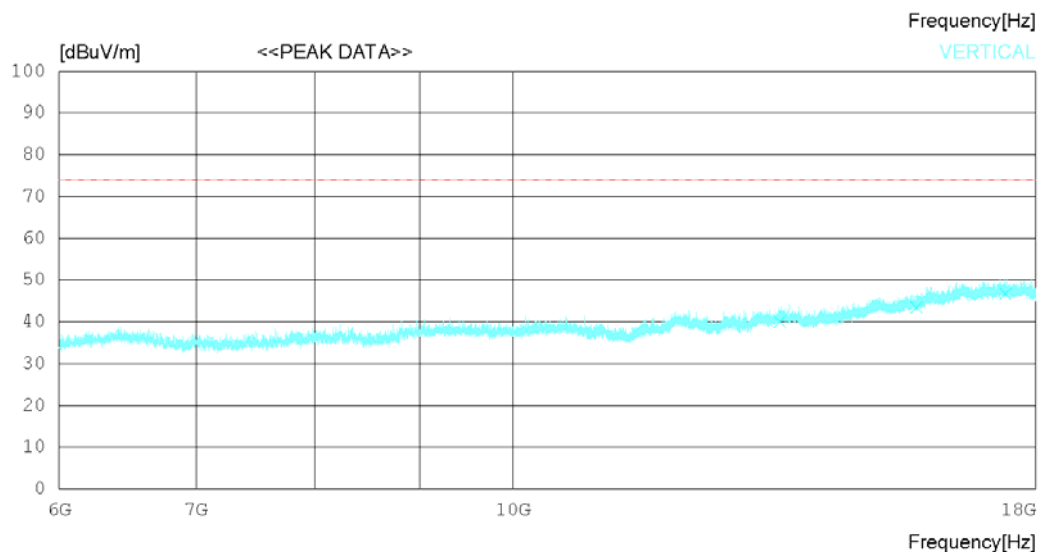
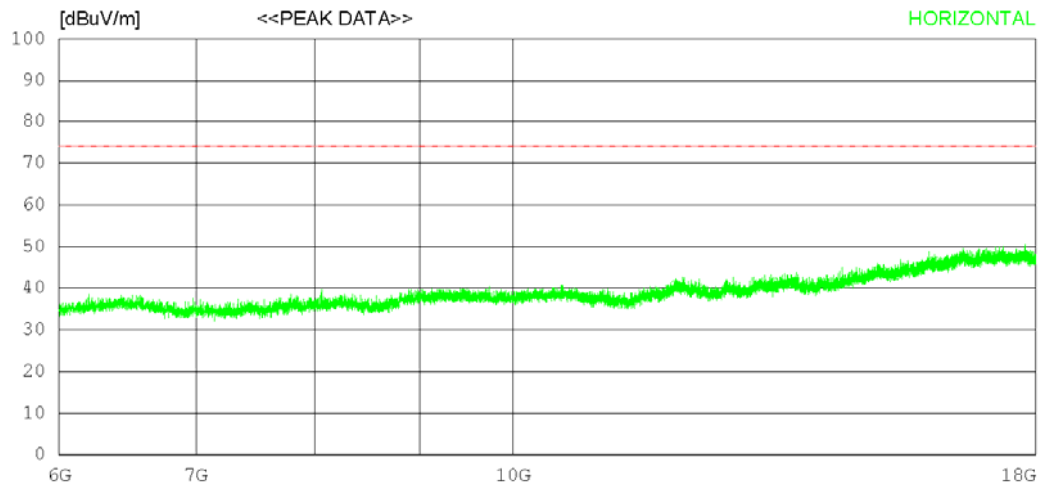
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	12004.500	29.20	33.46	15.68	37.71	40.63	74.0	33.37	243	167
2	13413.750	28.10	33.70	16.80	37.49	41.11	74.0	32.89	112	102
3	15378.000	25.90	35.82	18.23	36.70	43.25	74.0	30.75	352	358
----- Vertical -----										
4	13500.000	26.60	33.73	17.05	37.40	39.98	74.0	34.02	112	358
5	15743.250	25.10	36.17	18.71	36.50	43.48	74.0	30.52	366	350
6	17401.500	26.00	37.86	19.75	36.88	46.73	74.0	27.27	247	229

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	-

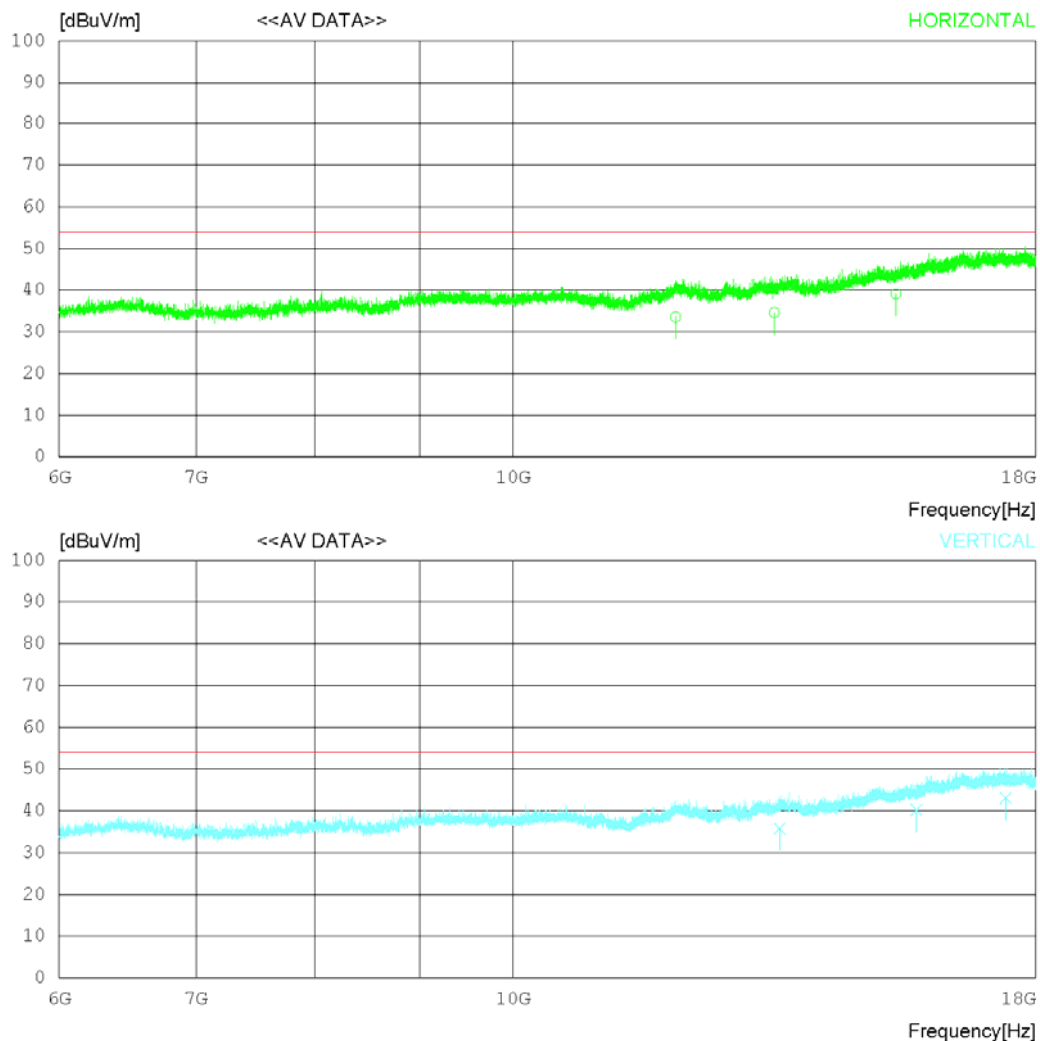
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	12004.12	22.13	33.46	15.68	37.71	33.56	54.00	20.44	120	134
2	13413.76	21.63	33.70	16.80	37.49	34.64	54.00	19.36	234	78
3	15378.04	21.78	35.82	18.23	36.70	39.13	54.00	14.87	227	163
----- Vertical -----										
4	13500.12	22.36	33.73	17.05	37.40	35.74	54.00	18.26	235	145
5	15743.33	21.78	36.17	18.71	36.50	40.16	54.00	13.84	113	253
6	17401.52	22.35	37.86	19.75	36.88	43.08	54.00	10.92	232	211

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	-

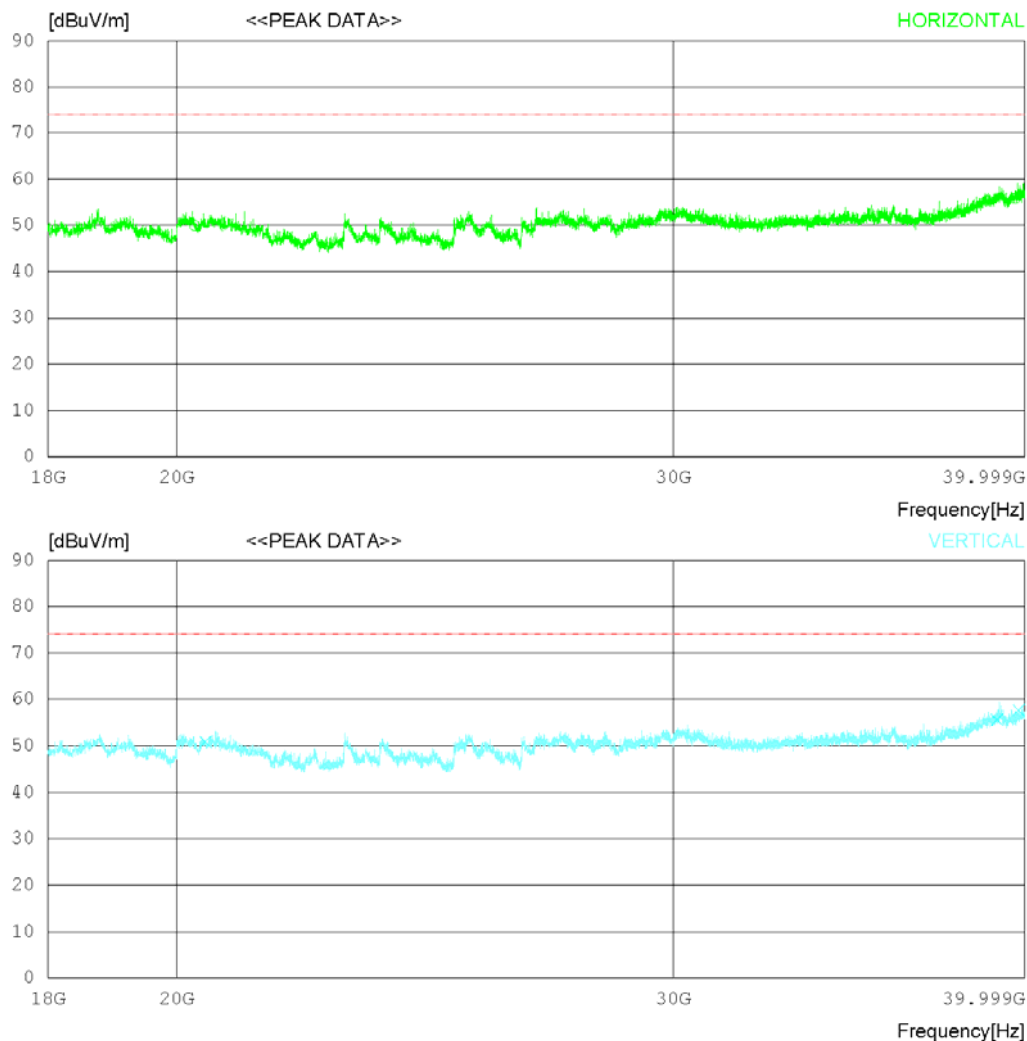
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	20293.50038.60	45.30	19.15	53.13	49.92	74.0	24.08	124	353	
2	38792.75034.80	47.29	25.53	52.26	55.36	74.0	18.64	332	358	
3	39675.50034.60	48.65	24.79	52.22	55.82	74.0	18.18	127	358	
----- Vertical -----										
4	20472.25039.20	45.40	19.50	53.21	50.89	74.0	23.11	352	0	
5	39103.50034.50	47.71	25.62	52.24	55.59	74.0	18.41	156	221	
6	39799.25036.40	48.90	24.60	52.21	57.69	74.0	16.31	226	270	

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	-

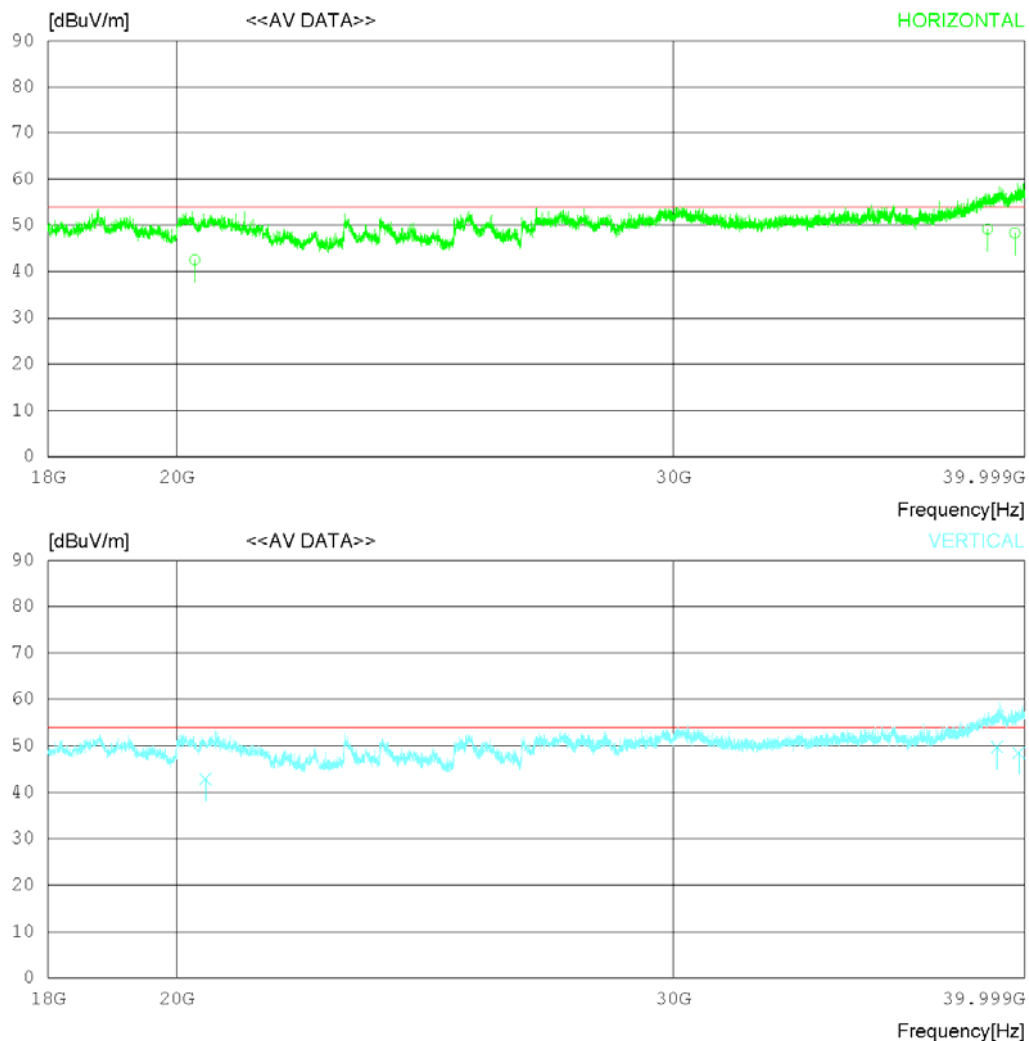
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	20293.12031.20	45.30	19.15	53.13	42.52	54.00	11.48	134	120	
2	38792.71028.62	47.29	25.53	52.26	49.18	54.00	4.82	245	325	
3	39675.66027.11	48.65	24.79	52.22	48.33	54.00	5.67	273	223	
----- Vertical -----										
4	20472.21031.20	45.40	19.50	53.21	42.89	54.00	11.11	341	78	
5	39103.42028.62	47.71	25.62	52.24	49.71	54.00	4.29	334	235	
6	39799.23027.23	48.90	24.60	52.21	48.52	54.00	5.48	312	211	

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	-

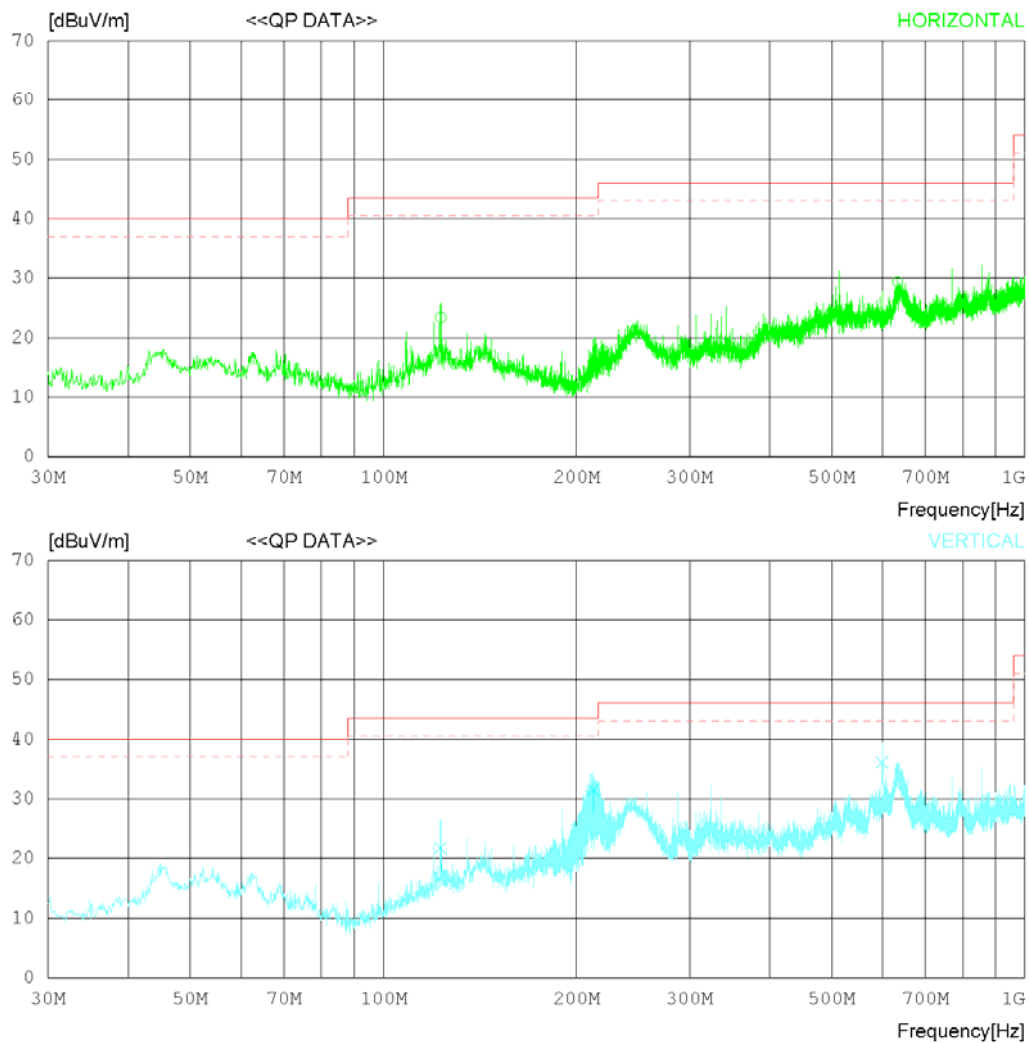
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
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. DTNC1912-10607
Power Supply Battery
Temp/Humi 23 °C 40 % R.H.
Test Condition DISPLAY

Memo bujeon

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

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	122.876	30.20	17.22	1.67	25.69	23.40	43.50	20.10	322	34
2	513.532	22.60	24.46	2.88	25.54	24.40	46.00	21.60	273	123
3	633.353	25.62	26.13	3.18	25.54	29.39	46.00	16.61	308	277
----- Vertical -----										
4	122.876	28.60	17.22	1.67	25.69	21.80	43.50	21.70	120	127
5	212.598	38.63	16.60	1.97	25.64	31.56	43.50	11.94	226	223
6	599.153	32.60	25.88	3.10	25.49	36.09	46.00	9.91	273	78

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

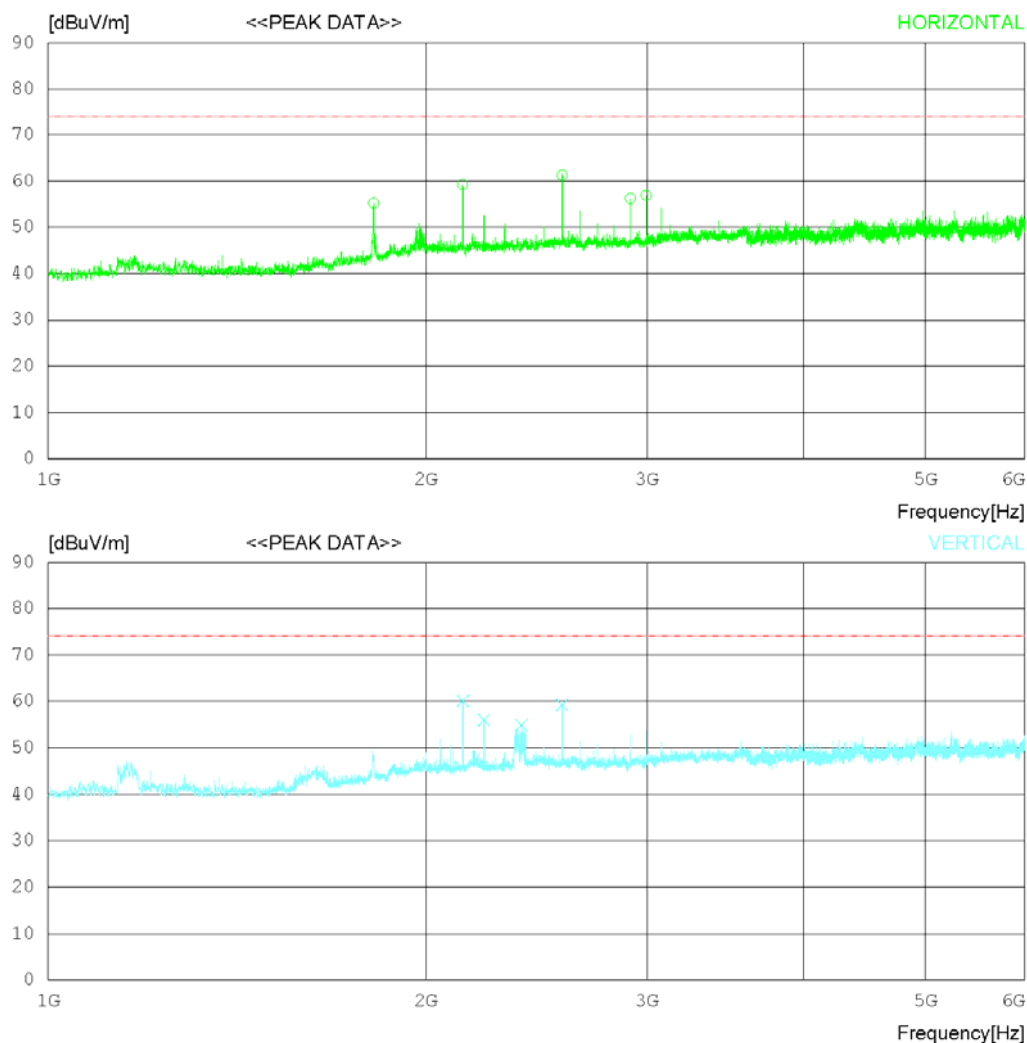
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	53.50	30.47	5.89	34.60	55.26	74.0	18.74	242	359
2	2139.375	55.40	31.70	6.53	34.42	59.21	74.0	14.79	177	359
3	2567.500	56.30	32.54	7.05	34.67	61.22	74.0	12.78	308	359
4	2910.000	51.30	32.24	7.56	34.88	56.22	74.0	17.78	246	192
5	2995.625	51.60	32.49	7.74	34.93	56.90	74.0	17.1	345	215
----- Vertical -----										
6	2140.000	56.30	31.70	6.53	34.42	60.11	74.0	13.89	134	0
7	2225.000	52.20	31.60	6.66	34.47	55.99	74.0	18.01	252	104
8	2383.125	50.90	31.77	6.83	34.57	54.93	74.0	19.07	127	0
9	2567.500	54.30	32.54	7.05	34.67	59.22	74.0	14.78	283	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	-

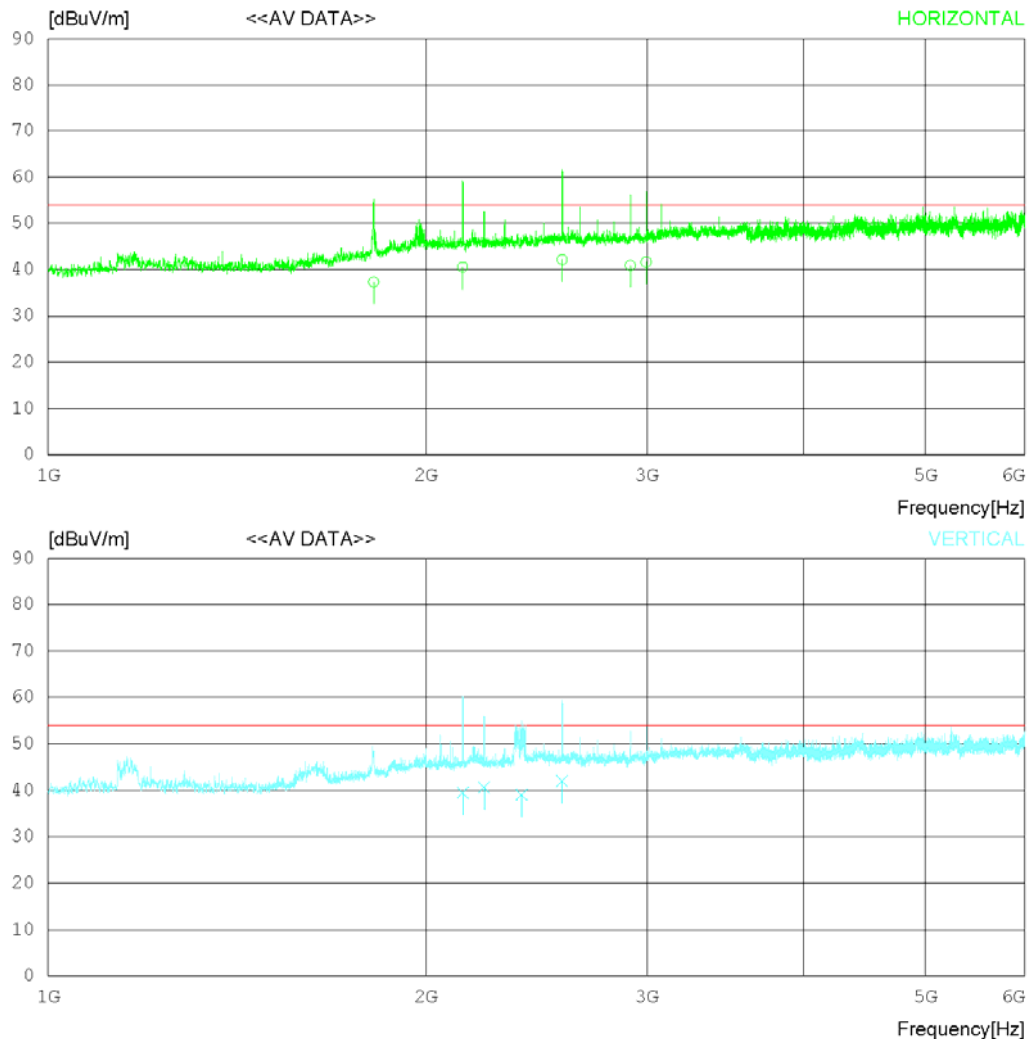
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1816.811	35.60	30.47	5.89	34.60	37.36	54.00	16.64	120	243
2	2139.316	36.72	31.70	6.53	34.42	40.53	54.00	13.47	200	318
3	2567.566	37.22	32.54	7.05	34.67	42.14	54.00	11.86	243	78
4	2910.027	35.98	32.24	7.56	34.88	40.90	54.00	13.10	178	129
5	2995.212	36.33	32.49	7.74	34.93	41.63	54.00	12.37	321	152
----- Vertical -----										
6	2140.273	35.60	31.70	6.53	34.42	39.41	54.00	14.59	120	78
7	2225.334	36.85	31.60	6.66	34.47	40.64	54.00	13.36	308	35
8	2383.142	34.98	31.77	6.83	34.57	39.01	54.00	14.99	227	244
9	2567.511	37.11	32.54	7.05	34.67	42.03	54.00	11.97	134	137

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	-

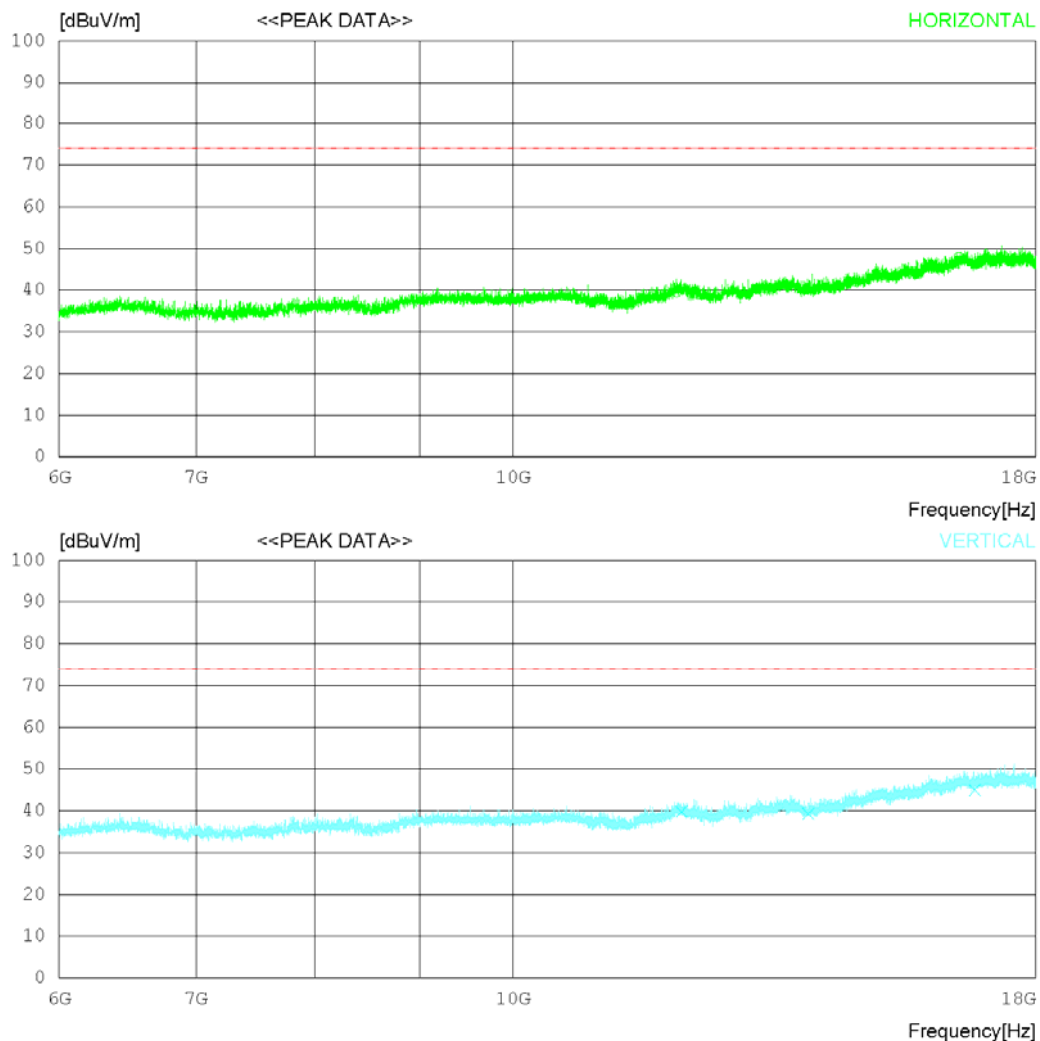
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	12017.250	28.20	33.46	15.66	37.72	39.60	74.0	34.4	342	358
2	15123.000	26.70	35.57	18.18	36.90	43.55	74.0	30.45	112	358
3	16508.250	27.30	36.99	19.65	36.10	47.84	74.0	26.16	325	358
----- Vertical -----										
4	12084.000	28.50	33.47	15.62	37.82	39.77	74.0	34.23	246	358
5	13935.750	25.70	33.89	17.18	37.49	39.28	74.0	34.72	224	358
6	16806.000	25.10	37.33	18.83	36.28	44.98	74.0	29.02	273	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	-

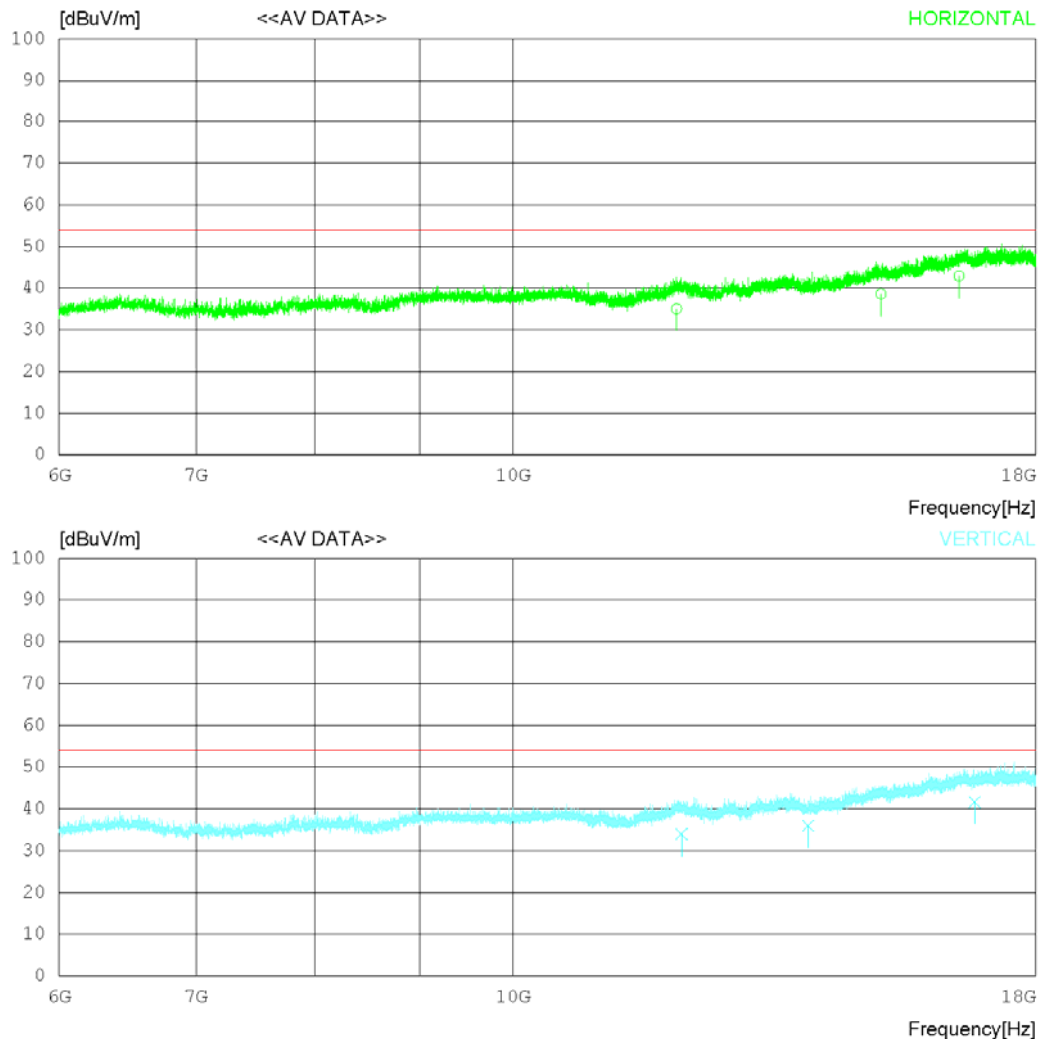
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	12017.22	23.62	33.46	15.66	37.72	35.02	54.00	18.98	120	112
2	15123.27	21.75	35.57	18.18	36.90	38.60	54.00	15.40	232	78
3	16508.23	22.32	36.99	19.65	36.10	42.86	54.00	11.14	278	126
----- Vertical -----										
4	12084.23	22.72	33.47	15.62	37.82	33.99	54.00	20.01	326	378
5	13935.17	22.36	33.89	17.18	37.49	35.94	54.00	18.06	224	223
6	16806.66	21.72	37.33	18.84	36.28	41.61	54.00	12.39	122	124

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	-

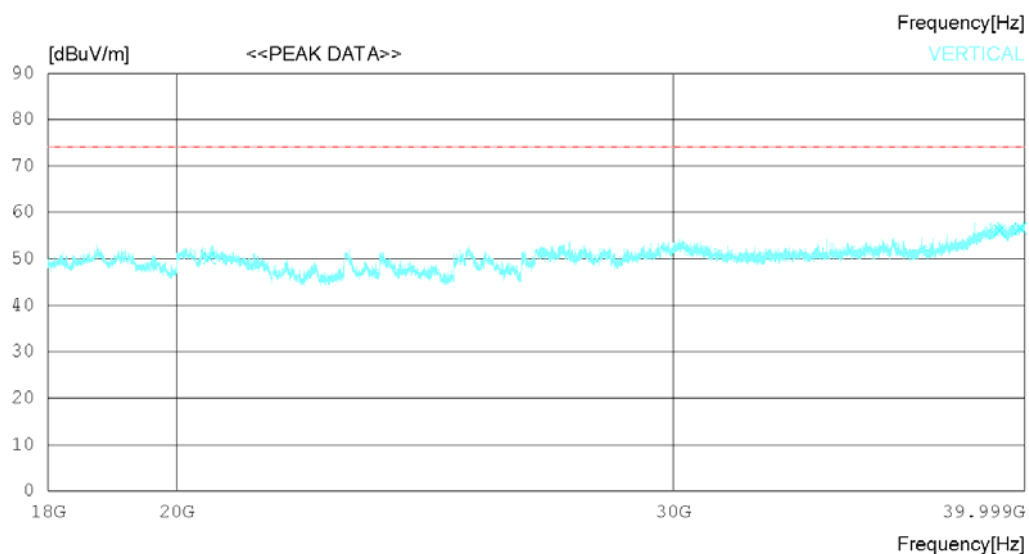
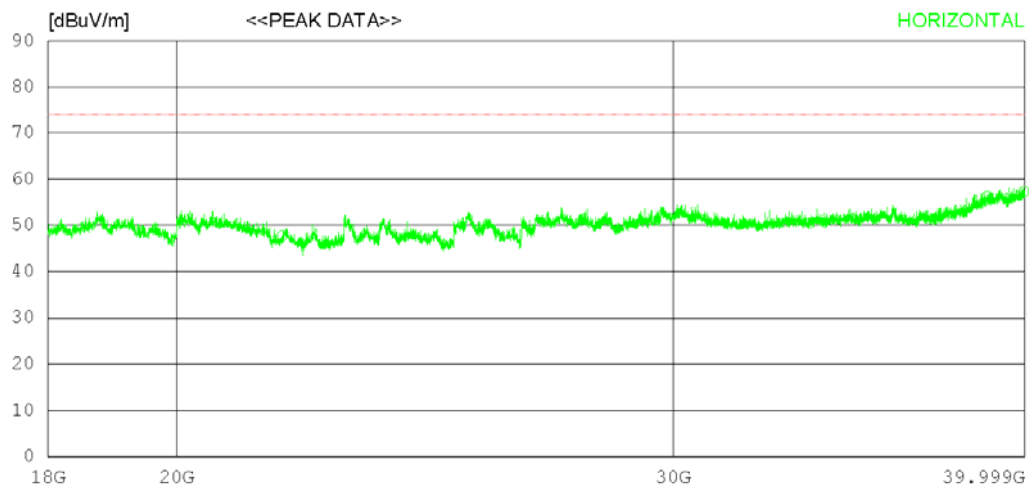
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	21797.75036.20	45.30	20.05	53.81	47.74	74.0	26.26	124	358	
2	38776.25035.70	47.28	25.52	52.26	56.24	74.0	17.76	342	281	
3	39967.00035.90	49.23	24.36	52.20	57.29	74.0	16.71	235	123	
----- Vertical -----										
4	20538.25038.30	45.44	19.63	53.24	50.13	74.0	23.87	124	0	
5	39175.00035.00	47.85	25.52	52.24	56.13	74.0	17.87	282	138	
6	39859.75035.20	49.02	24.52	52.21	56.53	74.0	17.47	277	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	-

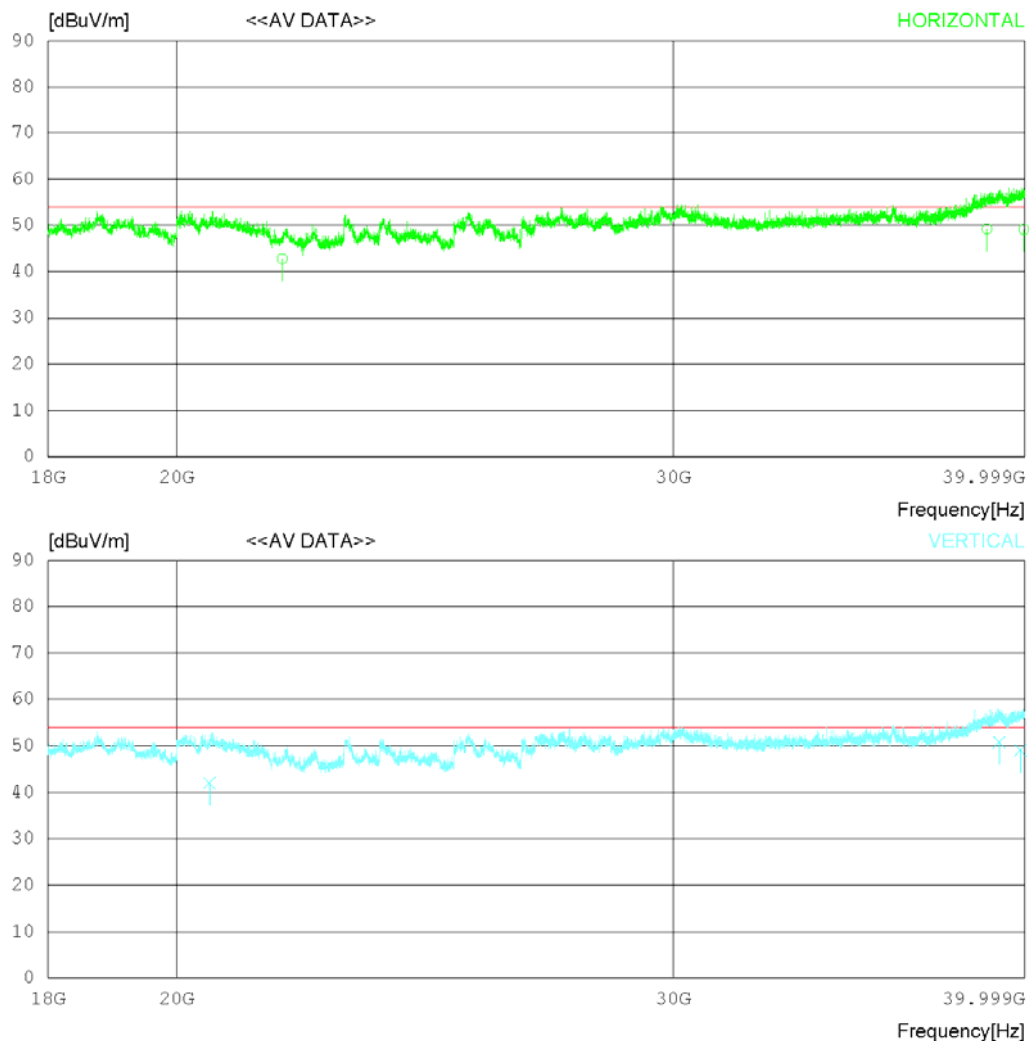
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	21797.71031.22		45.30	20.05	53.81	42.76	54.00	11.24	325	242
2	38776.26028.62		47.28	25.52	52.26	49.16	54.00	4.84	342	78
3	39967.34027.70		49.23	24.36	52.20	49.09	54.00	4.91	112	130
----- Vertical -----										
4	20538.11030.21		45.44	19.63	53.24	42.04	54.00	11.96	124	12
5	39175.05029.63		47.85	25.52	52.24	50.76	54.00	3.24	232	78
6	39859.13027.66		49.02	24.52	52.21	48.99	54.00	5.01	278	342

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

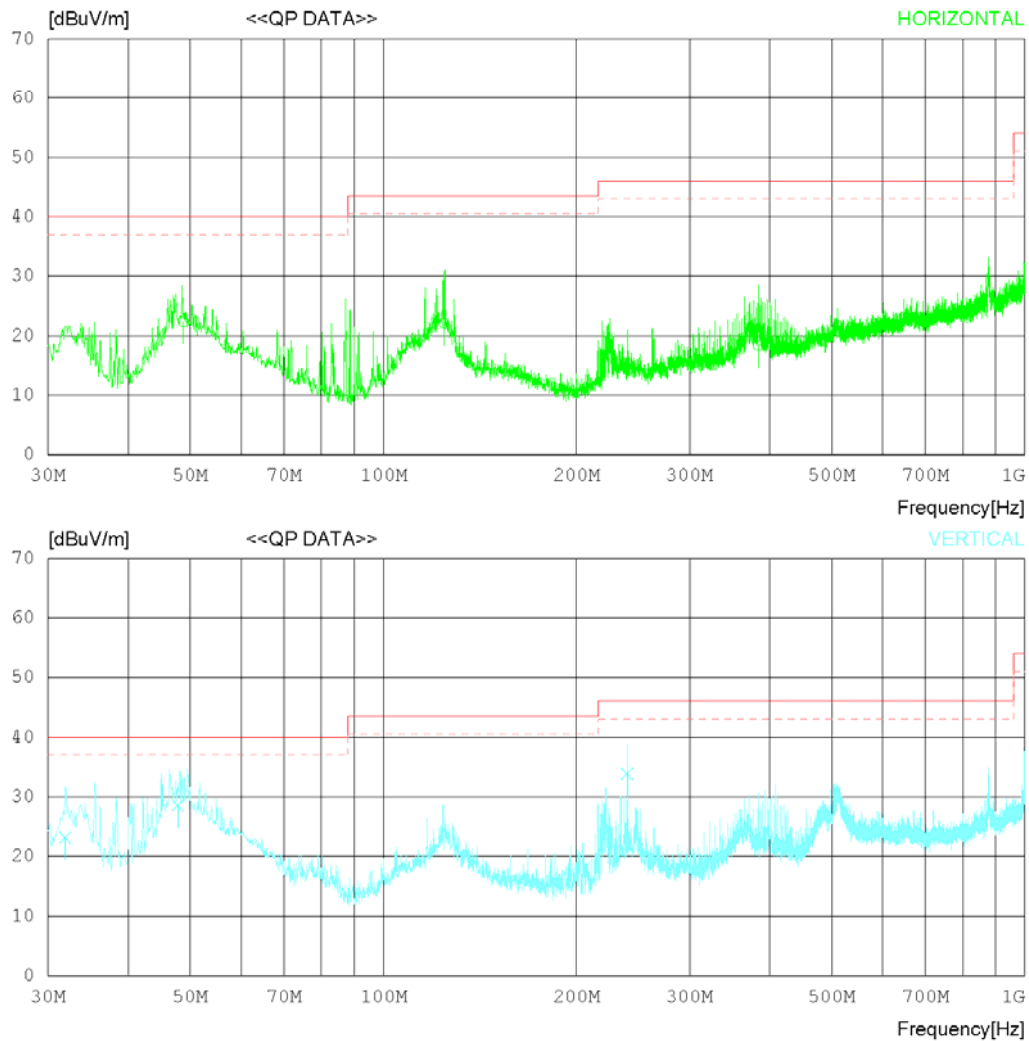
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+cresyn

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



RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+creyn

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	48.673	28.80	18.10	1.28	25.80	22.38	40.00	17.62	243	334
2	124.331	28.72	17.38	1.66	25.69	22.07	43.50	21.43	308	267
3	384.040	20.60	21.12	2.49	25.86	18.35	46.00	27.65	112	130
----- Vertical -----										
4	31.940	32.50	15.40	1.11	25.82	23.19	40.00	16.81	120	138
5	47.824	35.20	17.90	1.27	25.80	28.57	40.00	11.43	308	276
6	240.000	39.40	18.10	2.07	25.71	33.86	46.00	12.14	112	134

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

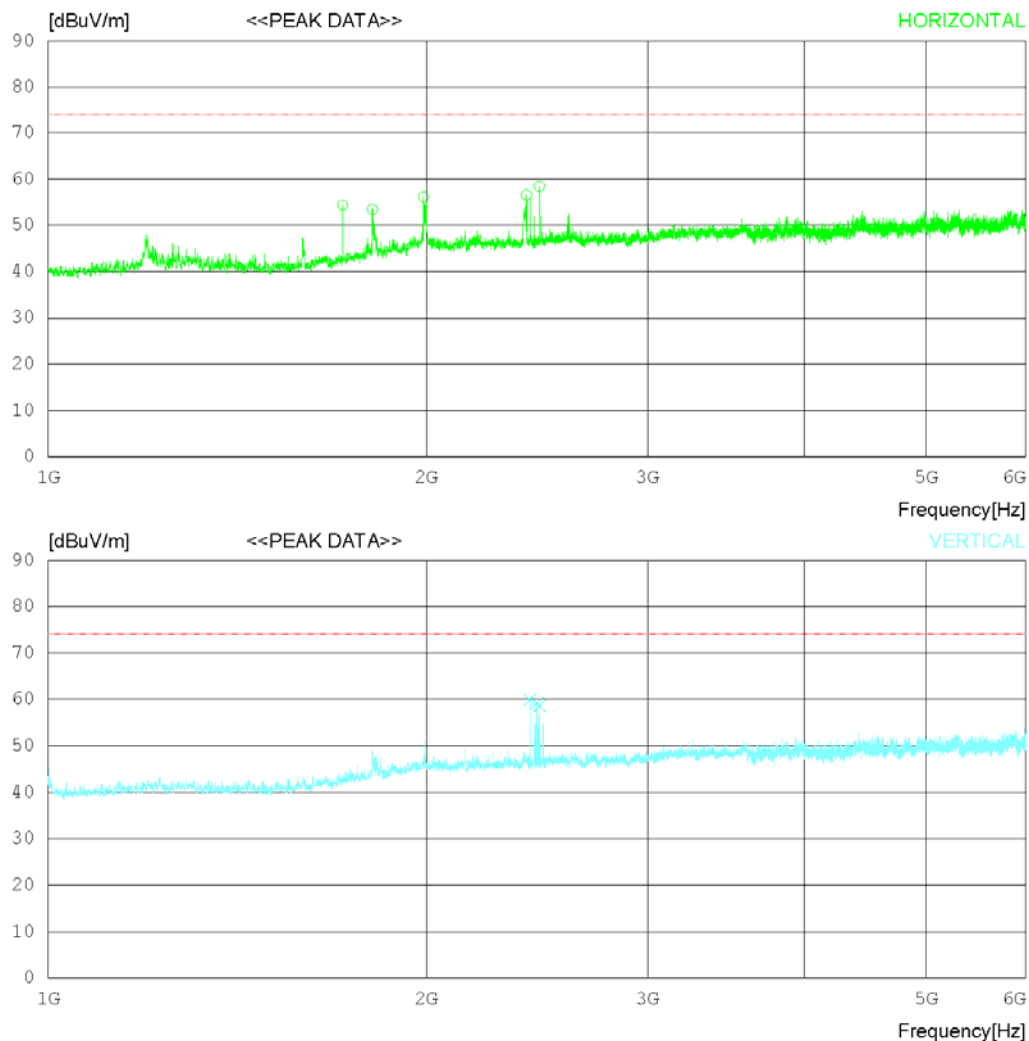
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1715.625	54.20	29.19	5.68	34.74	54.33	74.0	19.67	256	358
2	1811.875	51.70	30.45	5.88	34.61	53.42	74.0	20.58	324	358
3	1990.000	52.60	31.58	6.29	34.35	56.12	74.0	17.88	277	1
4	2402.500	52.50	31.82	6.85	34.58	56.59	74.0	17.41	256	134
5	2460.000	54.00	32.14	6.91	34.61	58.44	74.0	15.56	332	169
----- Vertical -----										
6	2417.500	55.70	31.91	6.87	34.59	59.89	74.0	14.11	278	39
7	2450.000	54.70	32.10	6.91	34.61	59.10	74.0	14.9	156	0
8	2460.000	54.20	32.14	6.91	34.61	58.64	74.0	15.36	275	230

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

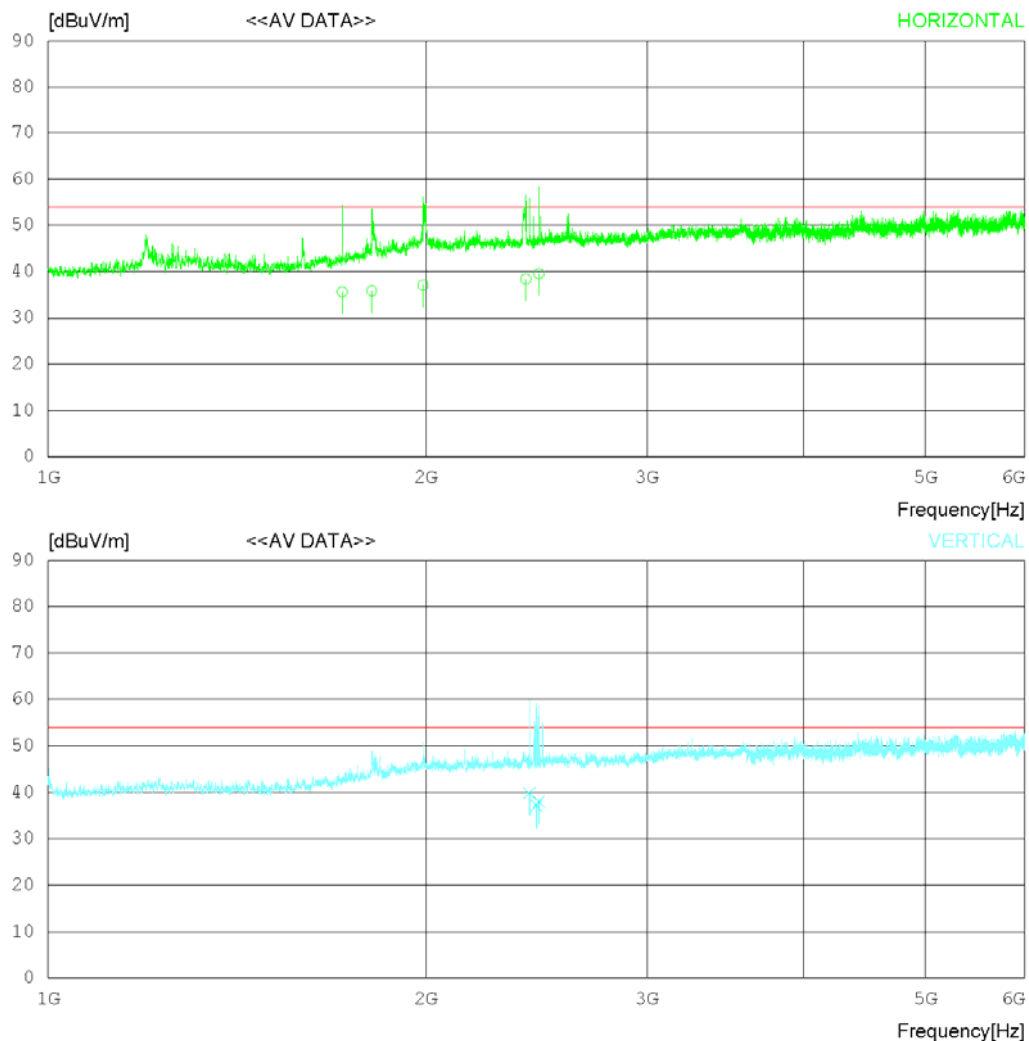
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1715.126	35.50	29.18	5.68	34.74	35.62	54.00	18.38	325	112
2	1810.875	34.12	30.44	5.88	34.61	35.83	54.00	18.17	242	120
3	1989.722	33.57	31.58	6.29	34.35	37.09	54.00	16.91	342	288
4	2402.456	34.28	31.81	6.85	34.58	38.36	54.00	15.64	331	78
5	2460.272	35.11	32.14	6.91	34.61	39.55	54.00	14.45	278	142
----- Vertical -----										
6	2417.542	35.63	31.91	6.87	34.59	39.82	54.00	14.18	302	124
7	2450.722	32.68	32.10	6.91	34.61	37.08	54.00	16.92	274	234
8	2460.027	33.52	32.14	6.91	34.61	37.96	54.00	16.04	226	132

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

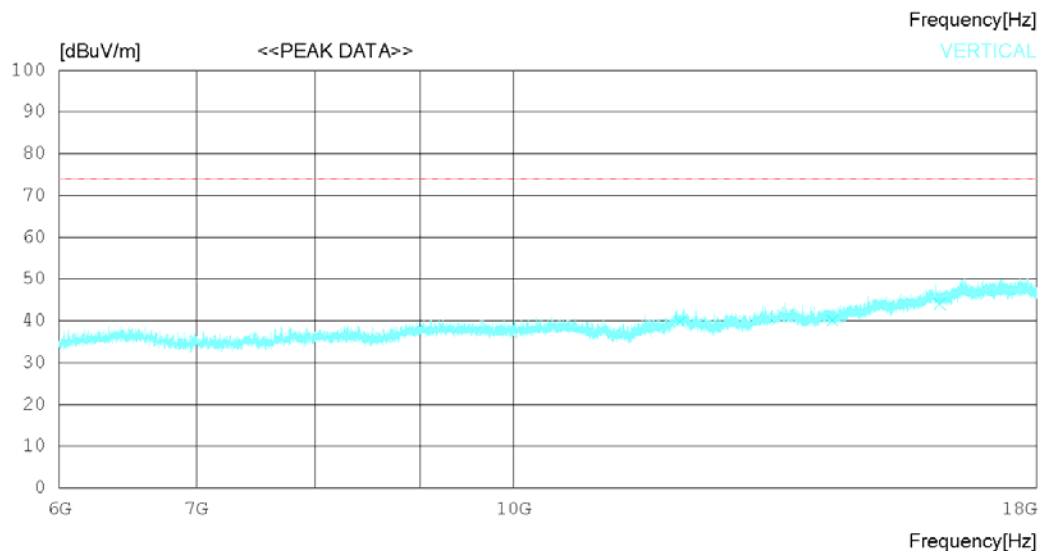
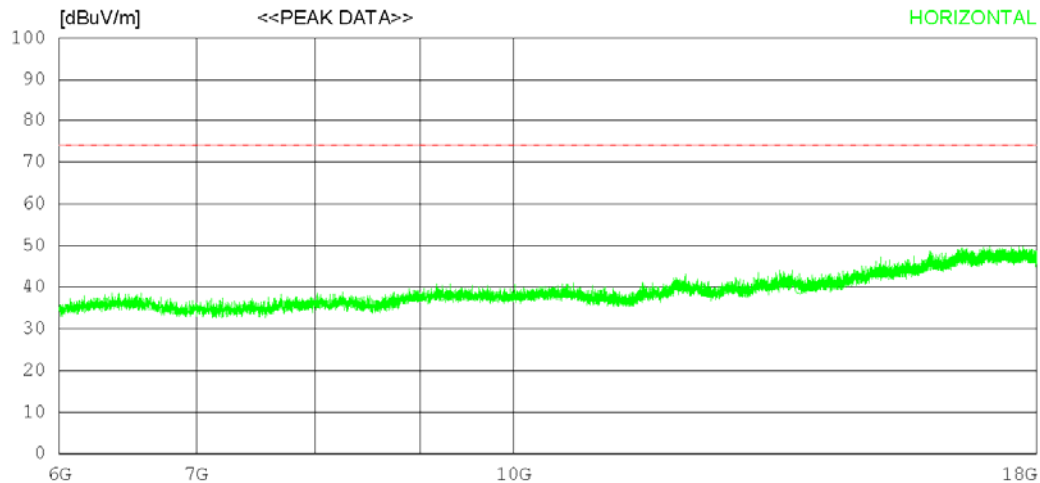
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	12039.75029.00	33.46	15.65	37.76	40.35	74.0	33.65	243	293	
2	13797.00026.10	33.84	17.14	37.46	39.62	74.0	34.38	124	45	
3	15939.75026.60	36.36	18.92	36.42	45.46	74.0	28.54	324	204	
----- Vertical -----										
4	12059.25028.40	33.47	15.64	37.78	39.73	74.0	34.27	243	28	
5	14305.50025.80	34.38	17.51	37.56	40.13	74.0	33.87	227	37	
6	16143.75024.90	36.58	18.82	36.31	43.99	74.0	30.01	243	358	

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

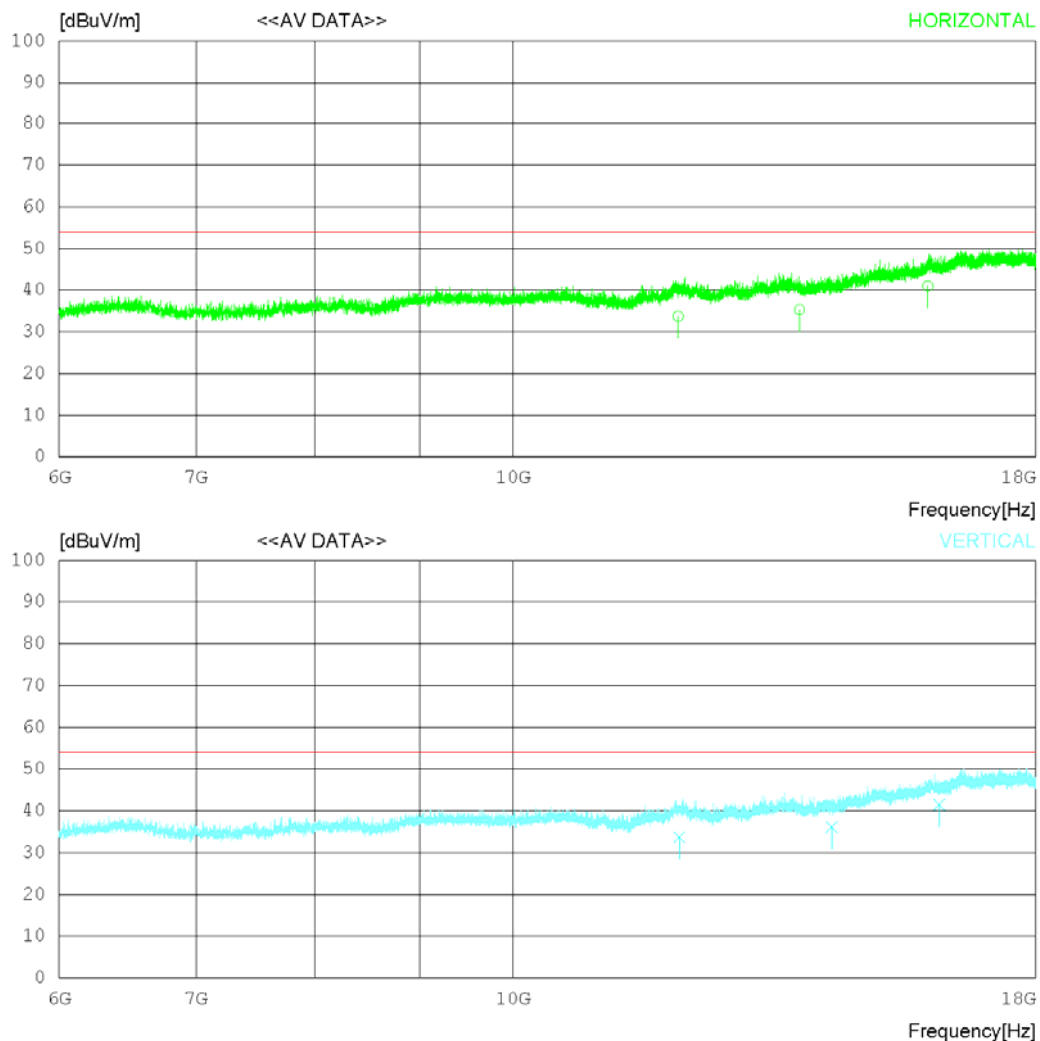
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	12039.12022.34		33.46	15.65	37.75	33.70	54.00	20.30	120	78
2	13797.35021.76		33.84	17.14	37.46	35.28	54.00	18.72	234	456
3	15939.71022.08		36.36	18.92	36.42	40.94	54.00	13.06	332	123
----- Vertical -----										
4	12059.21022.35		33.47	15.64	37.78	33.68	54.00	20.32	120	120
5	14305.34021.78		34.38	17.51	37.56	36.11	54.00	17.89	223	223
6	16143.11022.34		36.58	18.83	36.31	41.44	54.00	12.56	243	217

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

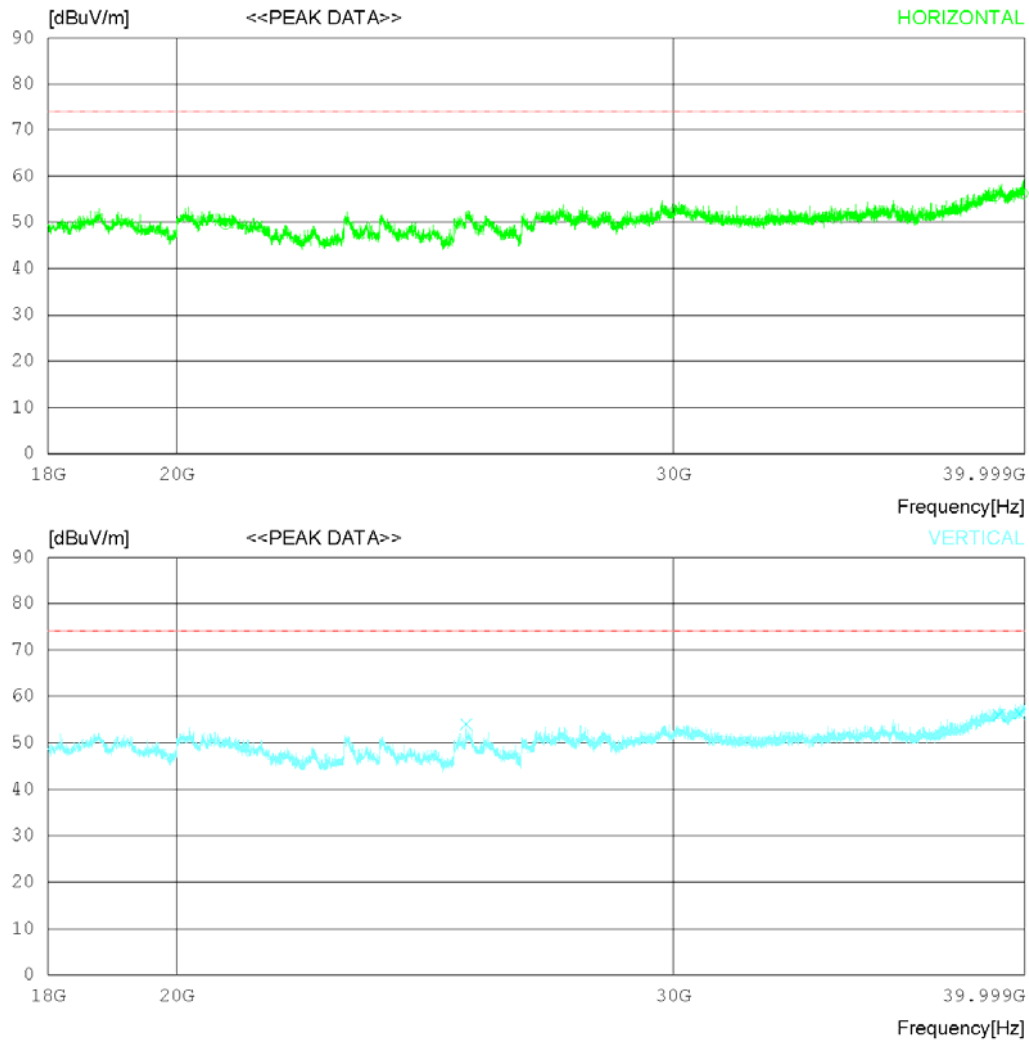
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	20807.75037	20 45.60	20.15	53.36	49.59	74.0	24.41	112	358	
2	39015.50034	50 47.62	25.76	52.25	55.63	74.0	18.37	352	358	
3	39923.00034	80 49.15	24.42	52.20	56.17	74.0	17.83	227	358	
----- Vertical -----										
4	25334.25041	10 45.70	20.88	53.70	53.98	74.0	20.02	342	119	
5	39161.25034	80 47.82	25.54	52.24	55.92	74.0	18.08	112	83	
6	39840.50034	90 48.98	24.55	52.21	56.22	74.0	17.78	226	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

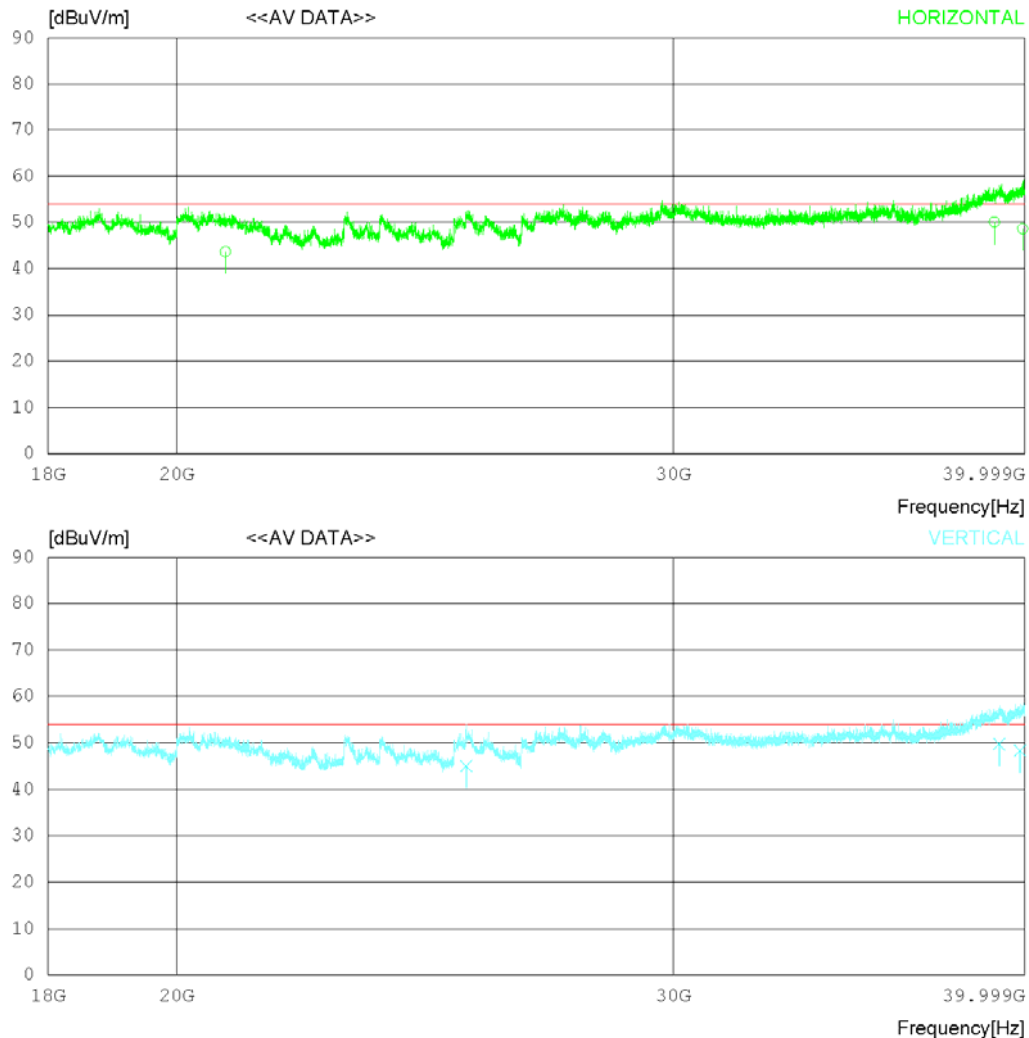
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	20807.16031.27		45.60	20.15	53.36	43.66	54.00	10.34	241	132
2	39015.51028.93		47.62	25.76	52.25	50.06	54.00	3.94	113	225
3	39923.03027.24		49.15	24.42	52.20	48.61	54.00	5.39	278	234
----- Vertical -----										
4	25334.21032.12		45.70	20.88	53.70	45.00	54.00	9.00	234	123
5	39161.32028.62		47.82	25.54	52.24	49.74	54.00	4.26	342	233
6	39840.54027.00		48.98	24.55	52.21	48.32	54.00	5.68	337	278

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	Ningbo

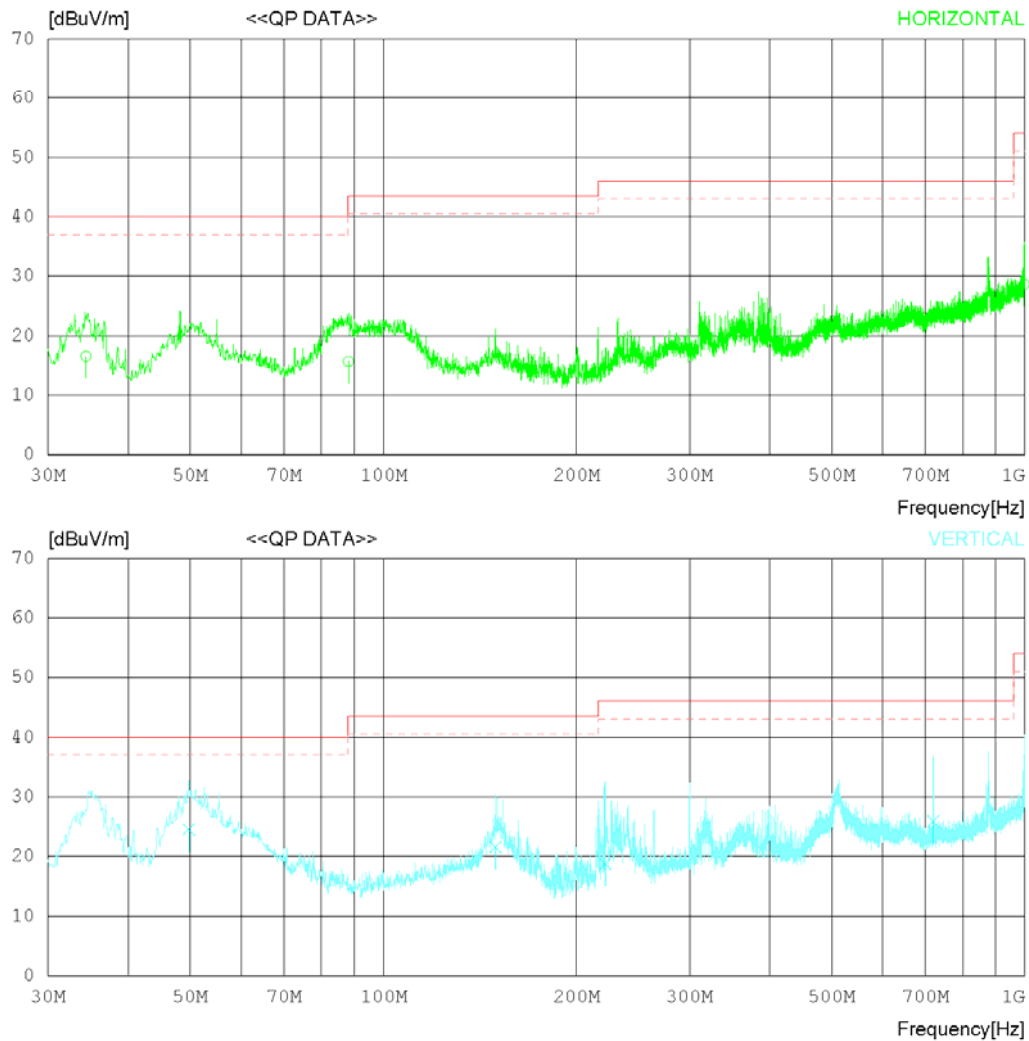
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition DATA COMMUNICATION

Memo Nigbo+cresyn

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



RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition DATA COMMUNICATION

Memo Nigbo+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	34.365	25.50	15.74	1.14	25.82	16.56	40.00	23.44	124	203
2	88.199	26.60	13.30	1.49	25.72	15.67	43.50	27.83	273	1
3	997.063	19.80	30.80	3.76	25.72	28.64	54.00	25.36	134	247
----- Vertical -----										
4	49.764	30.80	18.28	1.29	25.80	24.57	40.00	15.43	124	217
5	149.550	26.60	18.89	1.77	25.67	21.59	43.50	21.91	203	6
6	221.570	25.50	16.98	1.99	25.66	18.81	46.00	27.19	276	217
7	720.066	20.90	27.40	3.34	25.77	25.87	46.00	20.13	134	289

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	Ningbo

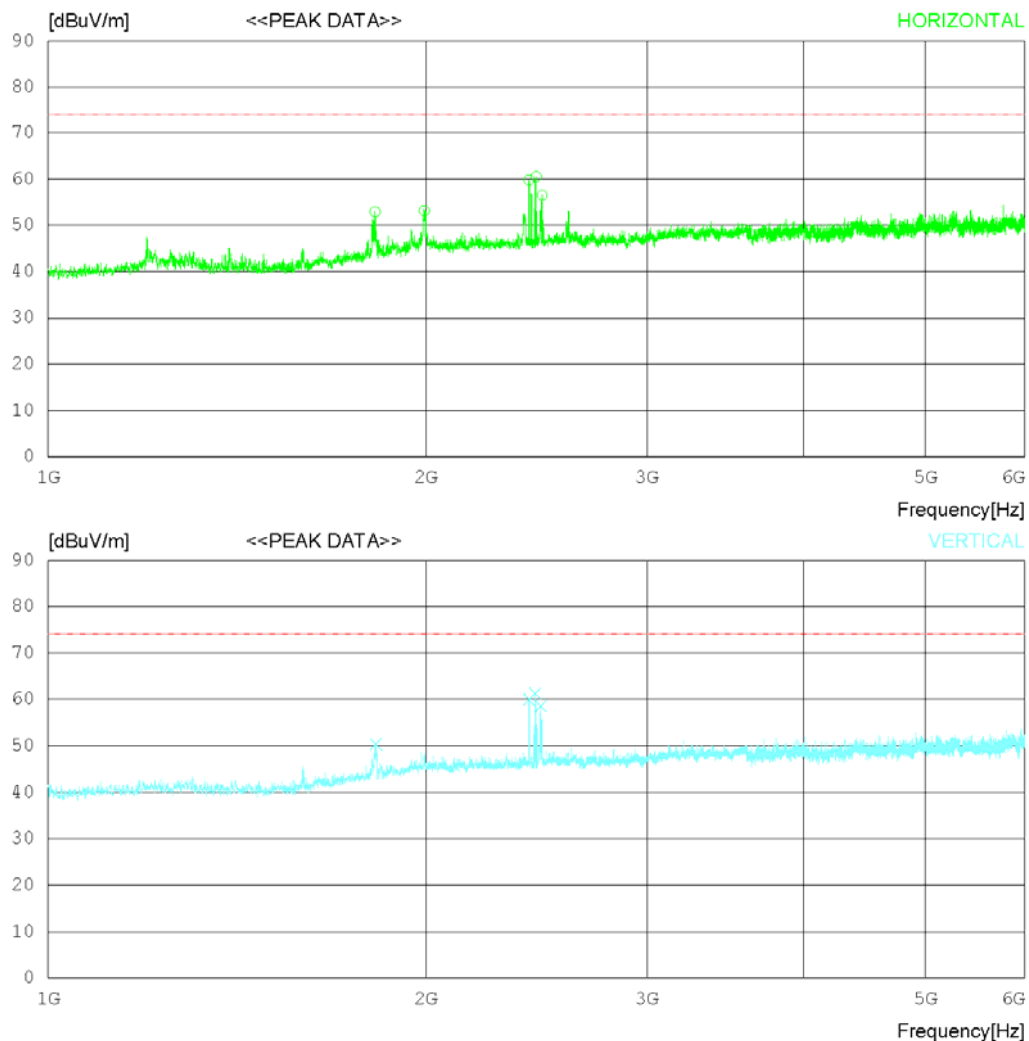
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 25 °C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo ningno+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 25 °C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo ningno+cresyn

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

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1821.875	51.10	30.49	5.90	34.59	52.90	74.0	21.1	352	192
2	1993.750	49.60	31.59	6.31	34.35	53.15	74.0	20.85	276	353
3	2416.875	55.60	31.90	6.87	34.59	59.78	74.0	14.22	130	120
4	2448.125	56.10	32.09	6.90	34.60	60.49	74.0	13.51	256	356
5	2475.625	52.00	32.20	6.93	34.62	56.51	74.0	17.49	166	223
----- Vertical -----										
6	1825.000	48.50	30.50	5.90	34.59	50.31	74.0	23.69	286	229
7	2416.875	55.80	31.90	6.87	34.59	59.98	74.0	14.02	224	103
8	2444.375	56.90	32.07	6.90	34.60	61.27	74.0	12.73	178	0
9	2468.750	54.00	32.18	6.93	34.62	58.49	74.0	15.51	305	261

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	Ningbo

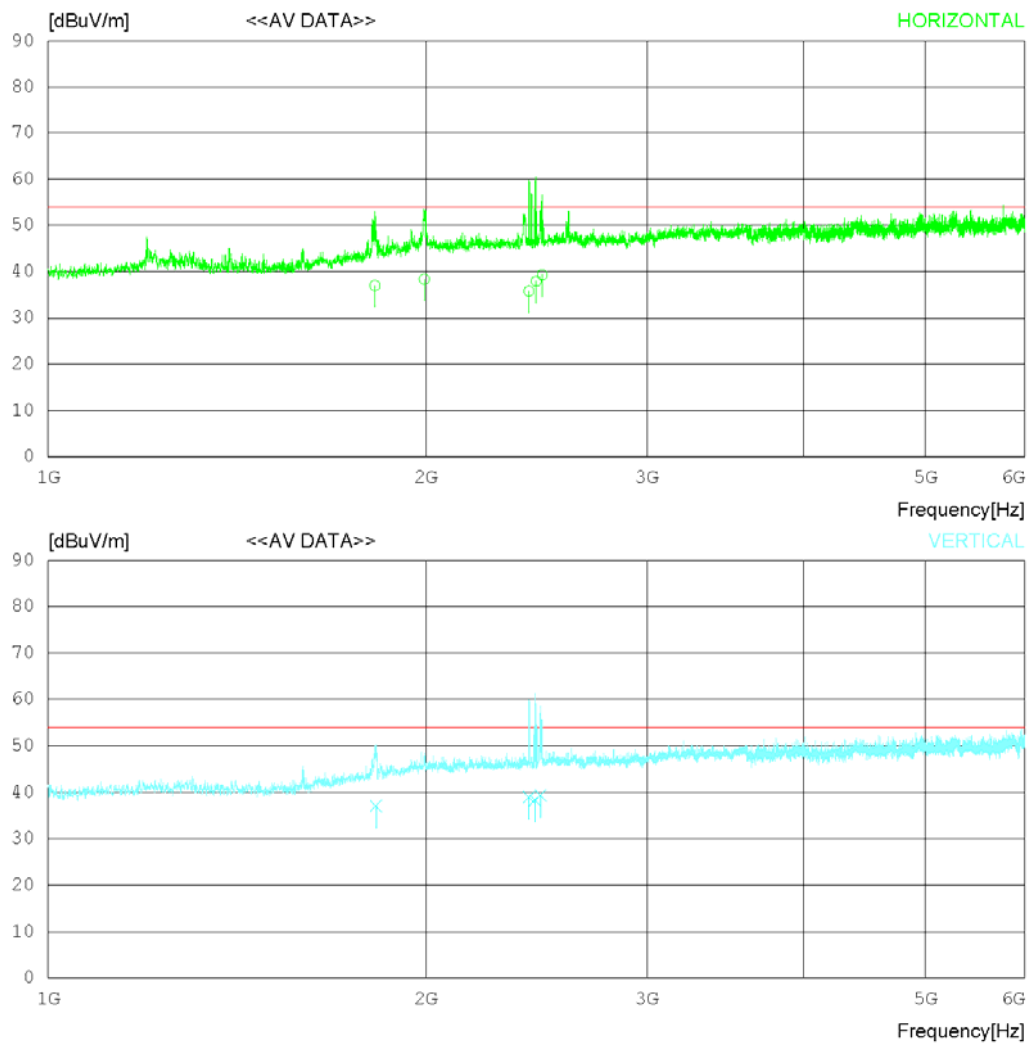
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 25 'C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo ningno+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 25 °C 43 % R.H.
Test Condition DATA COMMUNICATION

Memo ningno+cresyn

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

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1821.242	35.20	30.48	5.90	34.59	36.99	54.00	17.01	308	129
2	1993.715	34.80	31.59	6.31	34.35	38.35	54.00	15.65	242	311
3	2416.427	31.60	31.90	6.87	34.59	35.78	54.00	18.22	134	122
4	2448.155	33.54	32.09	6.90	34.60	37.93	54.00	16.07	227	165
5	2475.345	34.78	32.20	6.93	34.62	39.29	54.00	14.71	325	78
----- Vertical -----										
6	1825.424	35.20	30.50	5.90	34.59	37.01	54.00	16.99	156	308
7	2416.375	34.70	31.90	6.87	34.59	38.88	54.00	15.12	308	277
8	2444.311	33.93	32.07	6.90	34.60	38.30	54.00	15.71	277	131
9	2468.242	34.82	32.17	6.93	34.62	39.30	54.00	14.70	325	161

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	Ningbo

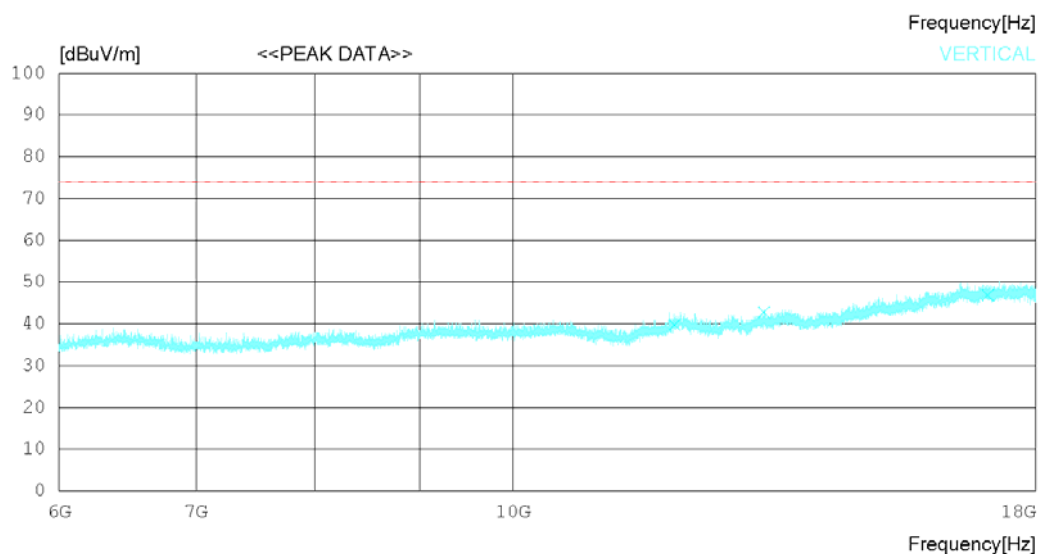
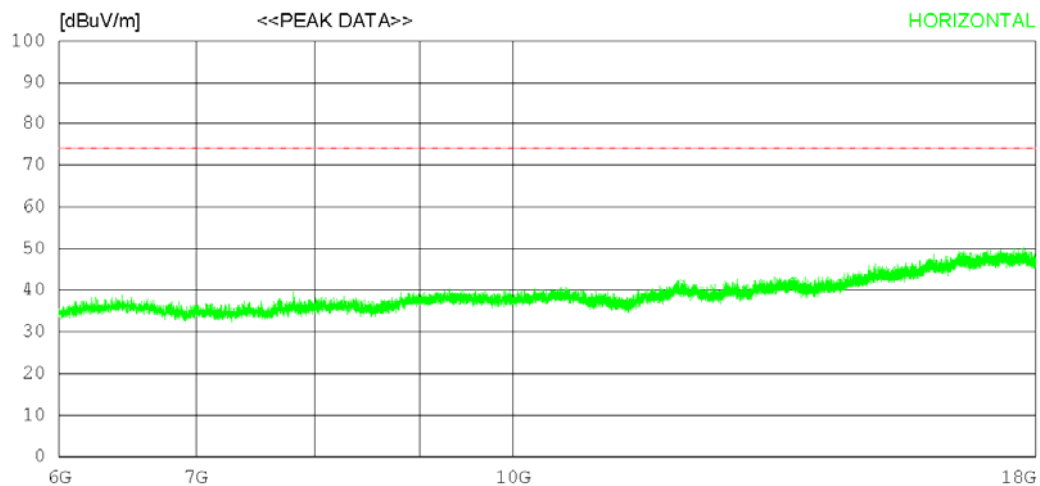
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	12071.25029.80	33.47	15.63	37.80	41.10	74.0	32.9	123	358	
2	13705.50028.20	33.80	17.23	37.44	41.79	74.0	32.21	323	240	
3	16632.75025.90	37.14	19.88	36.18	46.74	74.0	27.26	243	358	
----- Vertical -----										
4	11991.75028.40	33.45	15.66	37.71	39.80	74.0	34.2	335	255	
5	13255.50030.00	33.64	16.77	37.64	42.77	74.0	31.23	246	72	
6	17058.75025.80	37.60	19.91	36.47	46.84	74.0	27.16	223	358	

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

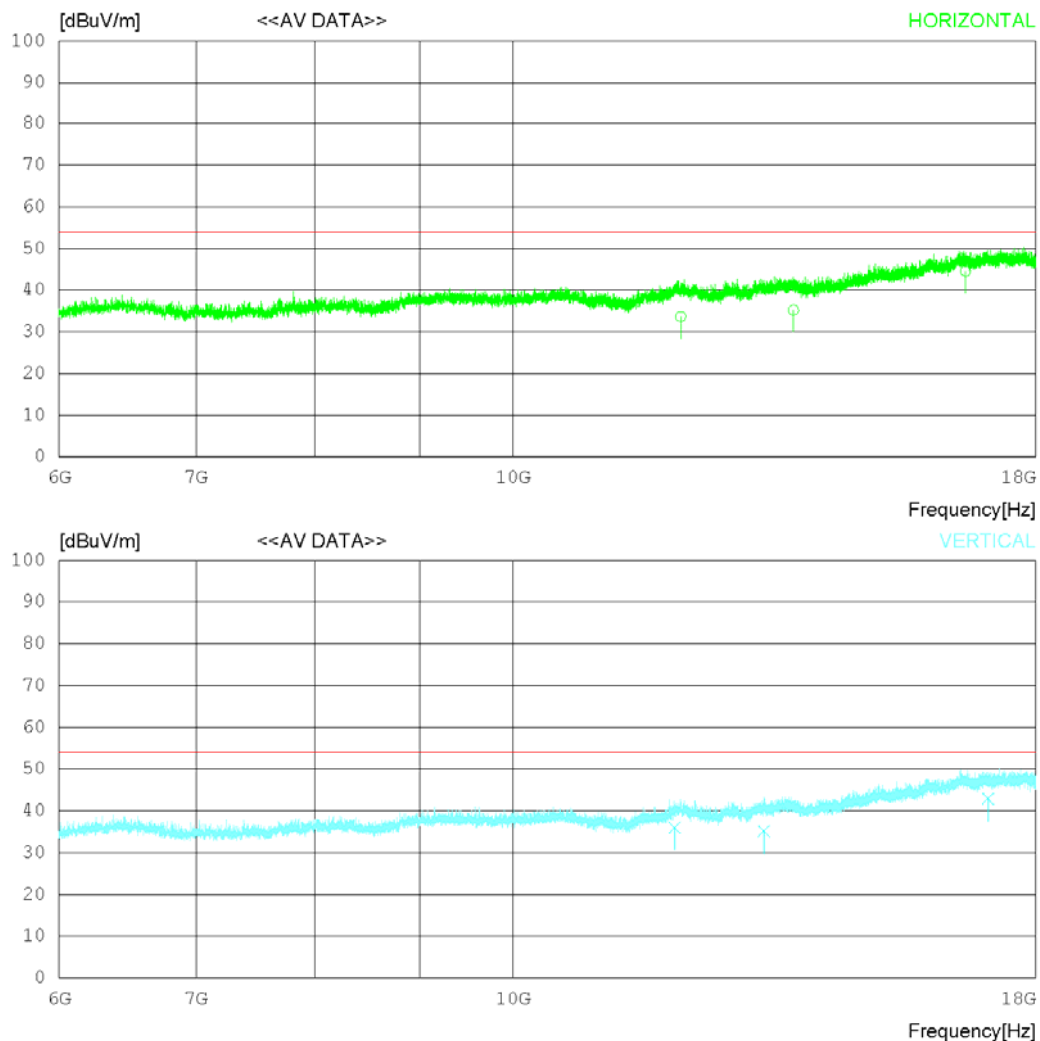
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	12071.22022.35		33.47	15.63	37.80	33.65	54.00	20.35	120	156
2	13705.54021.63		33.80	17.23	37.44	35.22	54.00	18.78	234	123
3	16632.10023.68		37.13	19.89	36.18	44.52	54.00	9.48	227	78
----- Vertical -----										
4	11991.42024.62		33.45	15.66	37.71	36.02	54.00	17.98	120	152
5	13255.53022.37		33.64	16.77	37.64	35.14	54.00	18.86	227	127
6	17058.11021.89		37.59	19.91	36.47	42.92	54.00	11.08	241	183

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	Ningbo

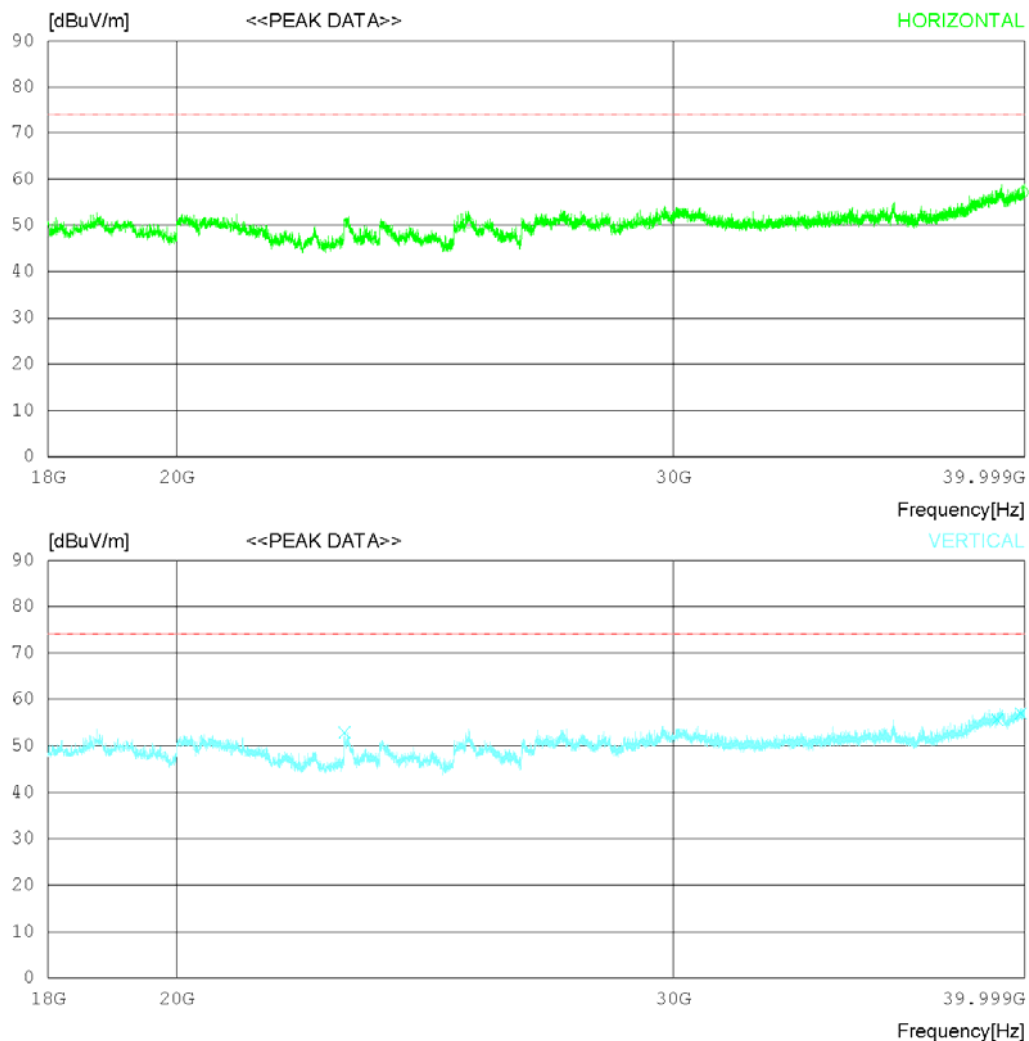
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 26 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 26 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	25378.25037.70	45.70	20.90	53.69	50.61	74.0	23.39	234	349	
2	29418.00033.40	47.32	21.85	52.39	50.18	74.0	23.82	325	142	
3	39936.75035.70	49.17	24.40	52.20	57.07	74.0	16.93	112	358	
----- Vertical -----										
4	22936.25041.50	45.30	20.04	53.99	52.85	74.0	21.15	127	14	
5	39111.75034.50	47.72	25.62	52.24	55.60	74.0	18.4	352	0	
6	39868.00035.70	49.04	24.50	52.21	57.03	74.0	16.97	177	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	Ningbo

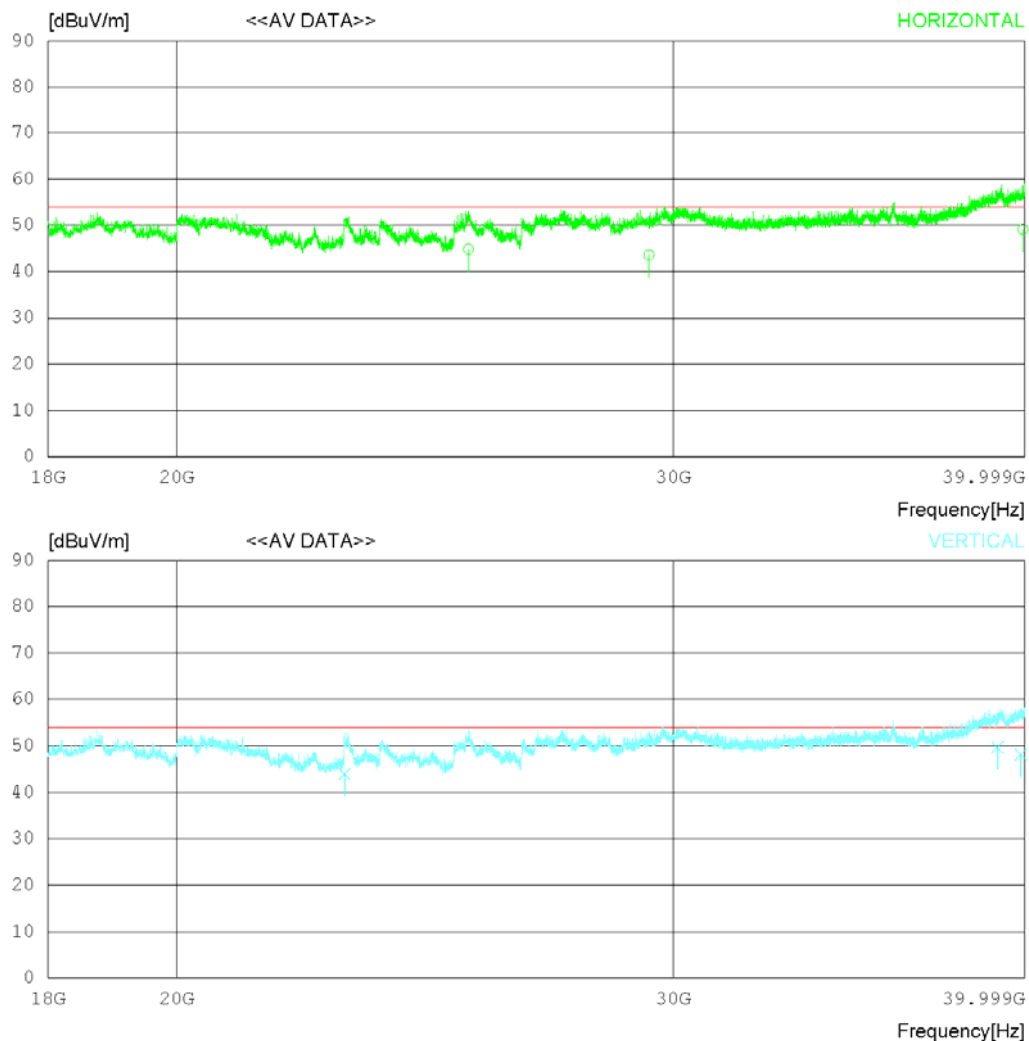
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 26 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+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. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 26 °C 44 % R.H.
Test Condition DATA COMMUNICATION

Memo ningbo+cresyn

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	25378.21031.89		45.70	20.90	53.69	44.80	54.00	9.20	223	78
2	29418.04026.78		47.32	21.85	52.39	43.56	54.00	10.44	334	123
3	39936.12027.70		49.17	24.41	52.20	49.08	54.00	4.92	322	223
----- Vertical -----										
4	22936.11032.61		45.30	20.04	53.99	43.96	54.00	10.04	122	123
5	39111.34028.62		47.72	25.62	52.24	49.72	54.00	4.28	332	231
6	39868.78026.77		49.04	24.50	52.21	48.10	54.00	5.90	237	35

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

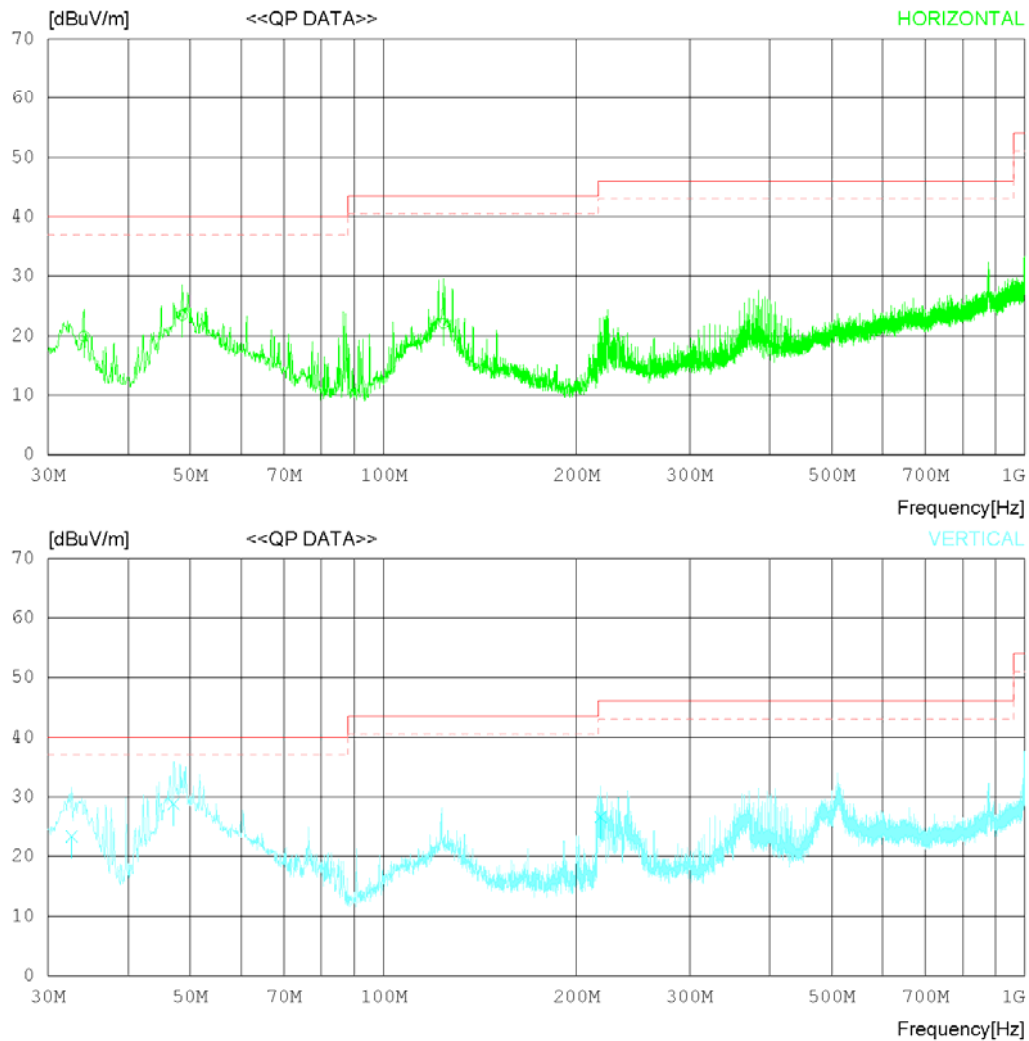
RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition DATA COMMUNICATION

Memo luxshare+bujeon

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



RADIATED EMISSION

Date 2020-01-03

Order No. DTNC1912-10607
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % 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	34.123	28.90	15.71	1.14	25.82	19.93	40.00	20.07	372	112
2	48.551	29.90	18.07	1.28	25.80	23.45	40.00	16.55	134	167
3	123.967	28.80	17.34	1.66	25.69	22.11	43.50	21.39	260	312
----- Vertical -----										
4	32.668	32.60	15.47	1.12	25.82	23.37	40.00	16.63	120	112
5	47.096	35.50	17.90	1.26	25.80	28.86	40.00	11.14	230	308
6	218.175	33.50	16.83	1.98	25.65	26.66	46.00	19.34	243	276

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

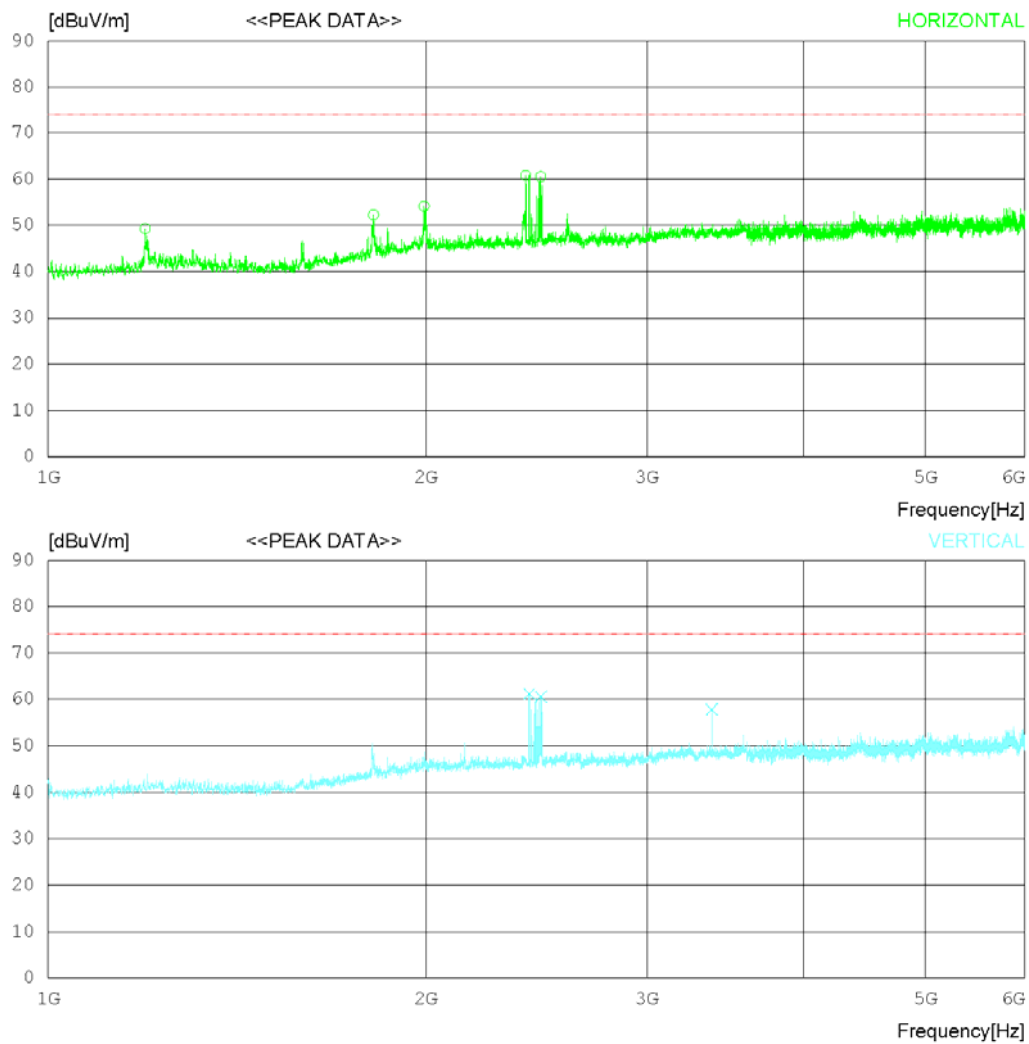
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1195.000	51.10	28.73	4.91	35.48	49.26	74.0	24.74	256	358
2	1816.250	50.50	30.47	5.89	34.60	52.26	74.0	21.74	166	222
3	1993.125	50.60	31.59	6.31	34.35	54.15	74.0	19.85	325	23
4	2401.875	56.70	31.81	6.85	34.58	60.78	74.0	13.22	152	266
5	2468.750	56.00	32.18	6.93	34.62	60.49	74.0	13.51	176	358
----- Vertical -----										
6	2416.875	57.00	31.90	6.87	34.59	61.18	74.0	12.82	305	0
7	2470.625	56.10	32.18	6.93	34.62	60.59	74.0	13.41	272	353
8	3379.375	51.20	32.80	8.24	34.40	57.84	74.0	16.16	305	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

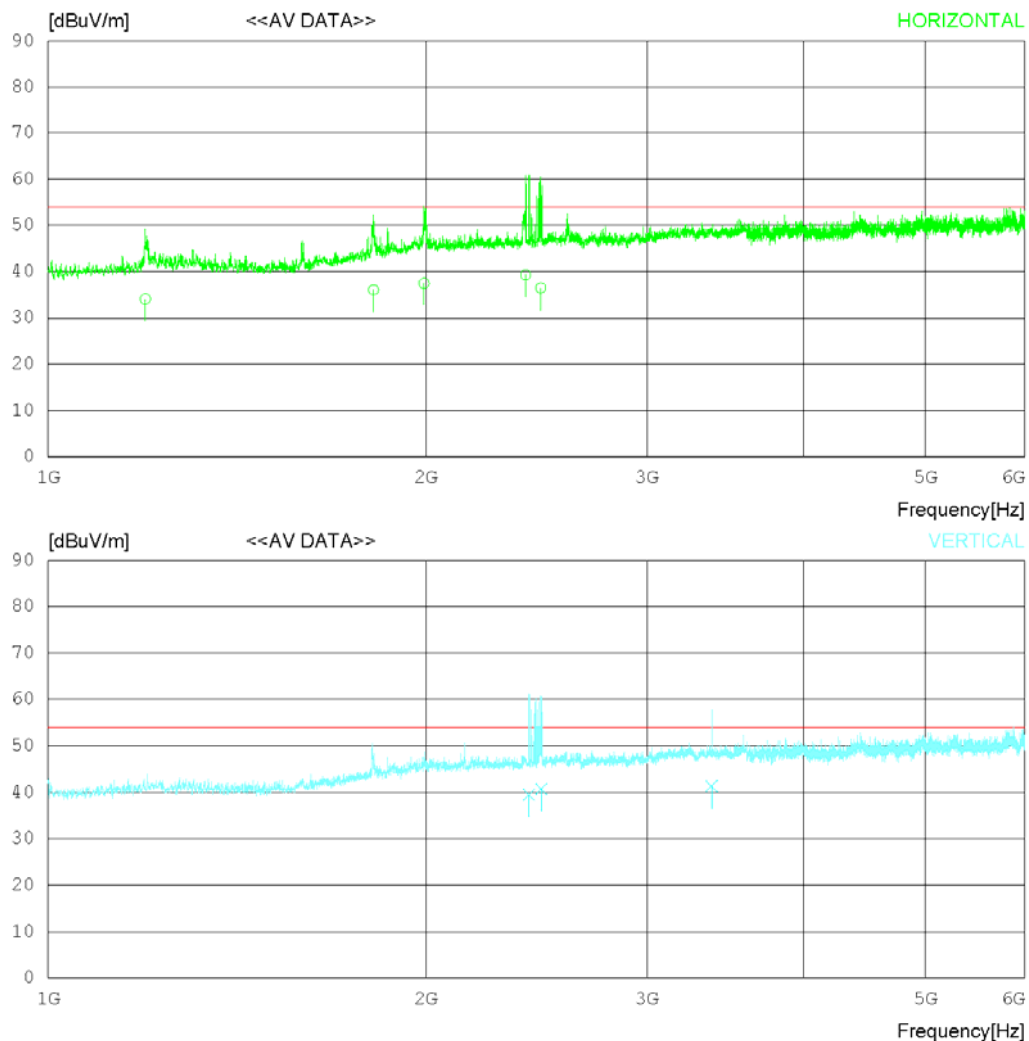
RADIATED EMISSION

Date 2020-01-04

Order No. DTNC1912-10607
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. DTNC1912-10607
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	1195.424	35.90	28.74	4.91	35.47	34.08	54.00	19.92	120	184
2	1816.211	34.28	30.46	5.89	34.60	36.03	54.00	17.97	243	211
3	1993.117	33.95	31.59	6.31	34.35	37.50	54.00	16.50	372	38
4	2401.841	35.21	31.81	6.85	34.58	39.29	54.00	14.71	120	134
5	2468.722	31.98	32.17	6.93	34.62	36.46	54.00	17.54	315	78
----- Vertical -----										
6	2416.427	35.20	31.90	6.87	34.59	39.38	54.00	14.62	120	213
7	2470.223	36.22	32.18	6.93	34.62	40.71	54.00	13.29	227	331
8	3379.351	34.67	32.80	8.24	34.40	41.31	54.00	12.69	302	277

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

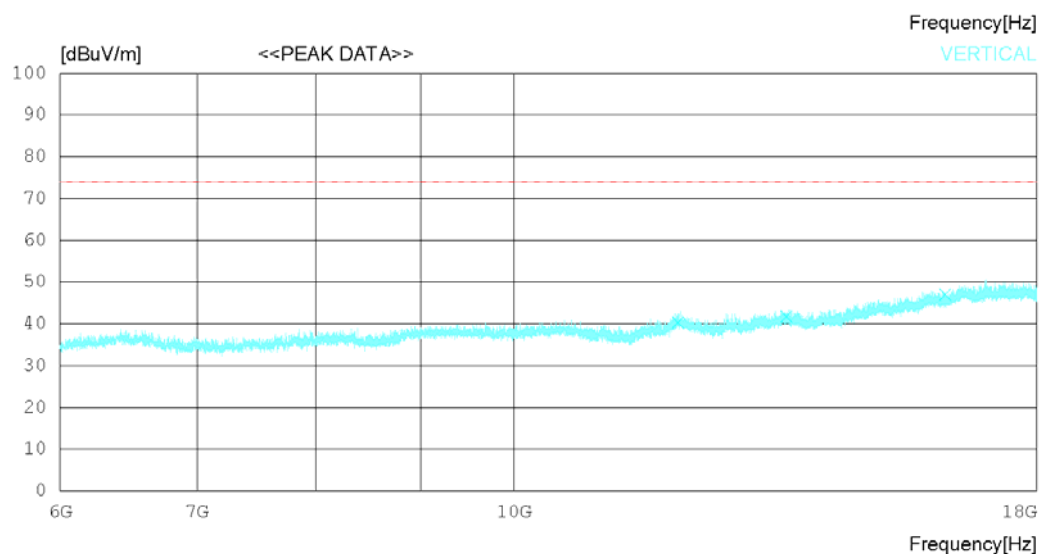
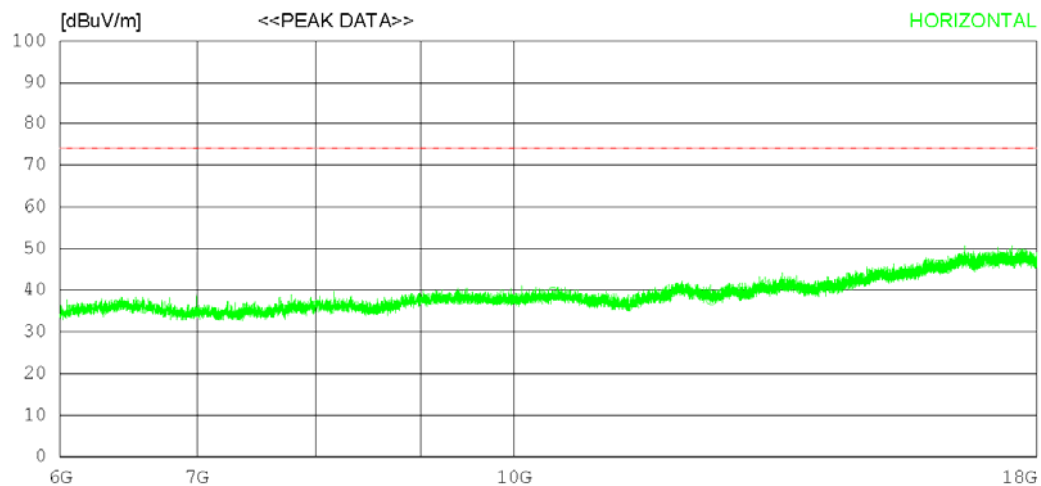
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	10445.25030.40	32.49	14.58	38.03	39.44	74.0	34.56	243	188	
2	12481.50026.50	33.50	15.99	38.37	37.62	74.0	36.38	112	359	
3	16124.25026.90	36.56	18.85	36.33	45.98	74.0	28.02	246	359	
----- Vertical -----										
4	12023.25028.90	33.46	15.66	37.73	40.29	74.0	33.71	334	358	
5	13582.50028.10	33.76	17.28	37.42	41.72	74.0	32.28	321	358	
6	16236.00027.80	36.69	18.81	36.26	47.04	74.0	26.96	331	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

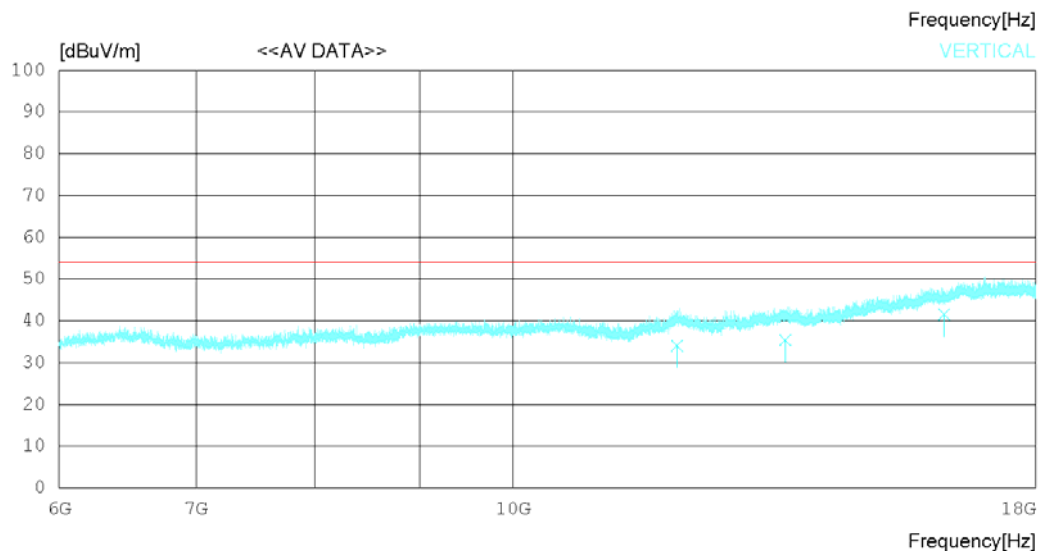
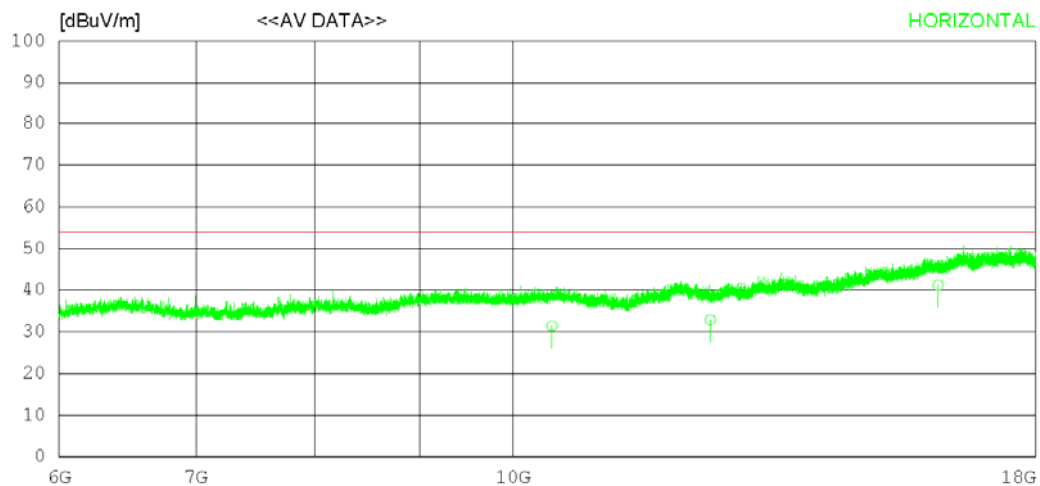
RADIATED EMISSION

Date 2020-01-12

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	10445.21022.35		32.49	14.58	38.03	31.39	54.00	22.61	120	132
2	12481.14021.77		33.50	15.99	38.37	32.89	54.00	21.11	243	335
3	16124.33022.11		36.56	18.85	36.33	41.19	54.00	12.81	278	219
----- Vertical -----										
4	12023.21022.63		33.46	15.66	37.73	34.02	54.00	19.98	232	231
5	13582.53021.78		33.76	17.28	37.42	35.40	54.00	18.60	124	112
6	16236.72022.32		36.69	18.81	36.26	41.56	54.00	12.44	277	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	Bujeon	Data cable	Luxshare

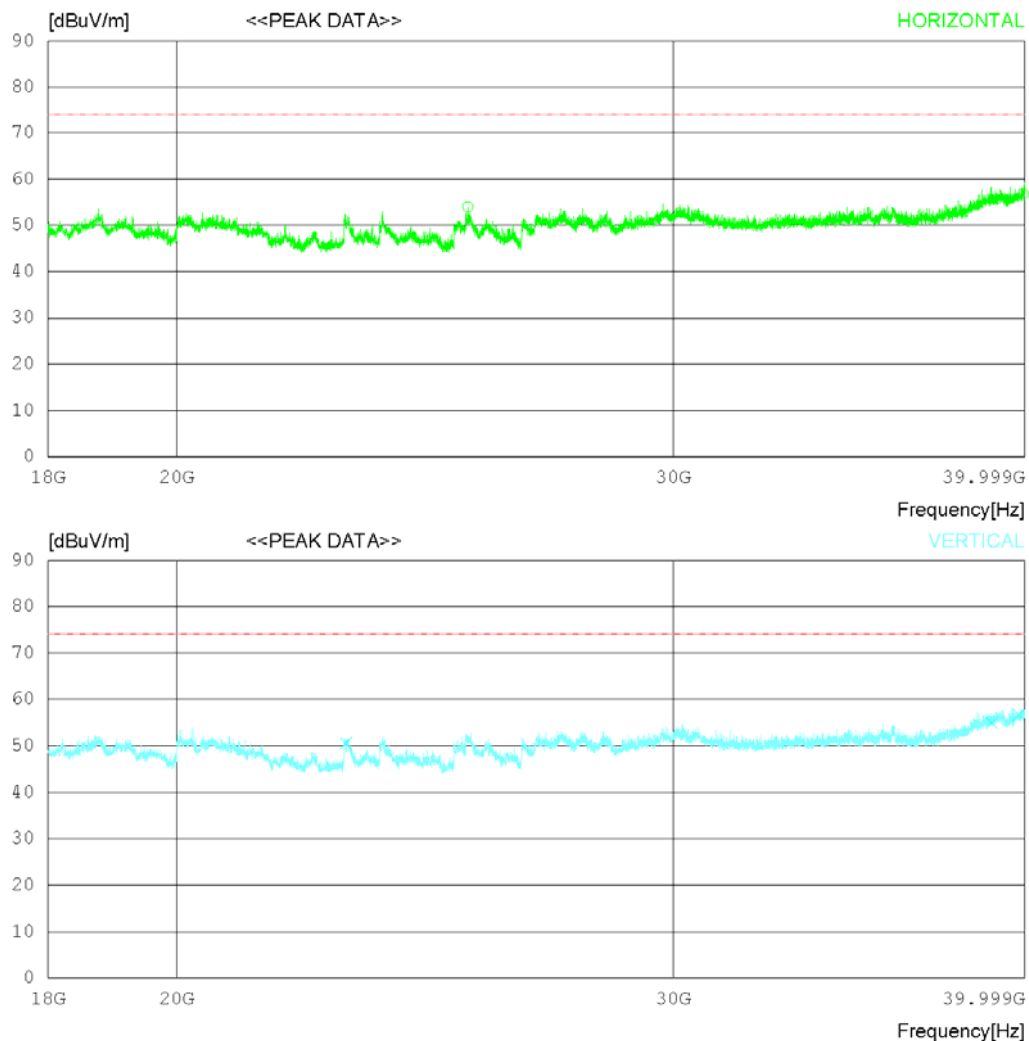
RADIATED EMISSION

Date 2020-01-13

Order No. DTNC1912-10607
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. DTNC1912-10607
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	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK	FACTOR							
		[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	25364.50041.10	45.70	20.89	53.69	54.00	74.0	20	124	189	
2	39076.00034.50	47.68	25.67	52.25	55.60	74.0	18.4	352	171	
3	39945.00035.40	49.19	24.39	52.20	56.78	74.0	17.22	243	357	
----- Vertical -----										
4	22966.50039.20	45.30	20.05	54.00	50.55	74.0	23.45	352	0	
5	38927.50034.00	47.53	25.69	52.25	54.97	74.0	19.03	124	0	
6	39791.00035.40	48.88	24.61	52.21	56.68	74.0	17.32	235	230	

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. DTNC1912-10607
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)

