

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. : DREETC1912-0230(1)
2. Client / Applicant
 - Name : LG Electronics USA, Inc.
 - Address : 1000 Sylvan Avenue Englewood Cliffs, New Jersey, United States 07632
3. Use of Report : FCC Verification
4. Product Name / Test Model Name : Mobile Phone / LM-V600VM
5. Test Standard : ANSI C63.4:2014
FCC Part 15 Subpart B
(Other Class B digital devices & peripherals)
6. Date of Test : Dec. 06. 2019 ~ Dec. 10. 2019
7. Testing Environment : Temperature (21 ~ 24) °C , Humidity (40 ~ 47) % 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.

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Feb. 06. 2020

DT&C Co., Ltd.

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.dtcn.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-V600VM
Add Model Name	LMV600VM, V600VM, LM-V600QM5, LMV600QM5, V600QM5, LM-V600QM6, LMV600QM6, V600QM6
Rated Power	DC 3.85 V
Remarks	None

Accessory

Equipment	No.	Manufacturer	Model Name	Product Number
Ear-Mic	1	Cresyn	-	EAB63728244
	2	Bujeon	-	EAB63728245
Data cable	1	Luxshare	L1LUC014-CS-H	EAD65830101
Travel Adaptor	1	Aohai	MCS-P02WA	EAY65749202

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	FORNT CAMERA+MP3	EUT is playing MP3 PLAY while recording video with the front camera. (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
2	REAR CAMERA+RADIO	EUT is receiving FM radio while shooting video with rear camera (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
3	IDLE	EUT is Tested on standby (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
4	TOF	ToF Camera in continuous shooting mode (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)

4.3 Test Configuration Mode

No.	Mode	Description
1	FORNT CAMERA+MP3	The EUT is connected to the Travel Adaptor and is charging.Connected Earphones (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
2	REAR CAMERA+RADIO	The EUT is connected to the Travel Adaptor and is charging.Connected Earphones (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
3	IDLE	The EUT is connected to the Travel Adaptor and is charging.Connected Earphones (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)
4	TOF	The EUT is connected to the Travel Adaptor and is charging.Connected Earphones (1.cresyn+luxshare+aohai / 2.bujeon+luxshare+aohai)

4.4 Supported Equipment

Used*	Product Type	Manufacturer	Model	Remarks
AE	-	-	-	-
*Abbreviations: AE - Auxiliary/Associated Equipment, or SIM - Simulator				

4.5 EUT In/Output Port

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
*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

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		

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

-Conducted Disturbance

Frequency [MHz]	Phase	Result [dB μ V]	Detector	Limit [dB μ V]	Margin [dB]
0.45150	L1	19.65	Cispr - Average	56.85	16.99

-Radiated Disturbance

Frequency [MHz]	Pol.	Result [dB μ V/m]	Detector	Limit [dB μ V/m]	Margin [dB]
39956.420	H	27.60	Cispr - Average	54.00	5.87

6. Test Environment

Test Items	Test date (YYYY-MM-DD)	Temp. ()	Humidity (% R.H.)	Pressure (kPa)
Conducted Disturbance	2019-12-10	24	42	-
Radiated Disturbance	2019-12-06	23	40	-
	2019-12-07	23	40	
	2019-12-08	21	44	
	2019-12-10	23	47	

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	1, 2, 3, 4		
	EUT Operation mode	1, 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
LISN	ENV216	ROHDE & SCHWARZ	101979	2019.12.09	2020.12.20
TRANSIENT LIMITER	TL-B0930A	EMCIS	11002	2019.08.30	2020.08.30
50 OHM TERMINATOR	CT-01	TME	N/A	2018.12.19	2019.12.19

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

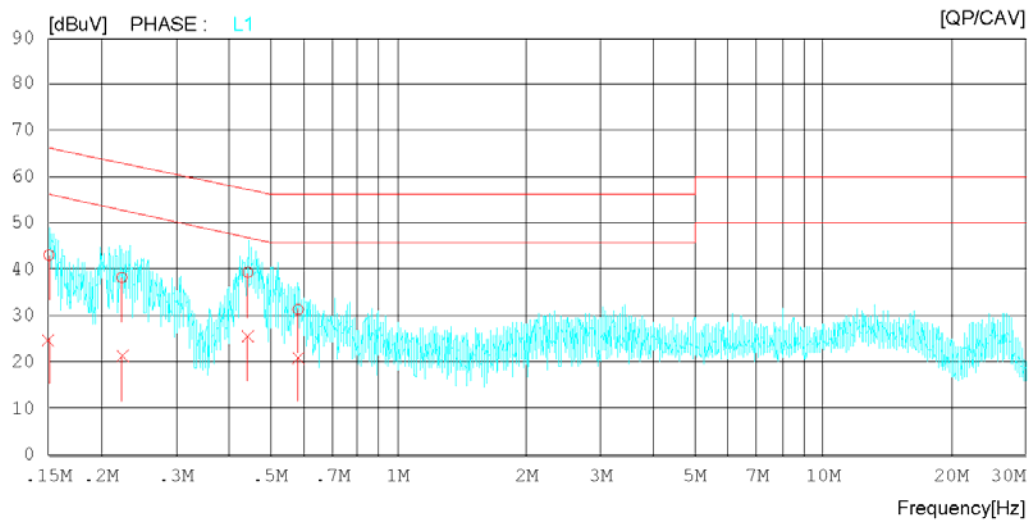
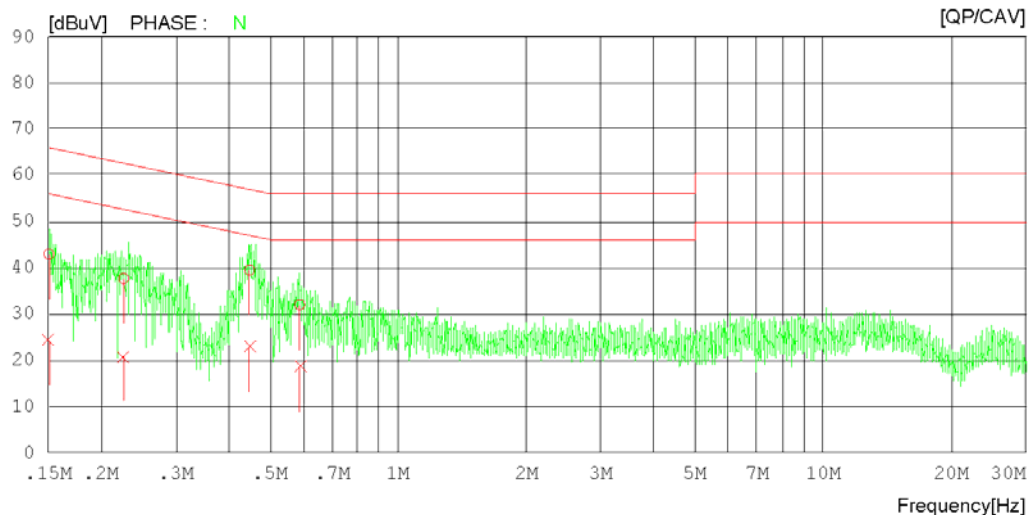
Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 44 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	0.15073	22.99	4.45	19.92	42.91	24.37	65.96	55.96	23.05	31.59	N
2	0.22584	17.79	0.78	19.90	37.69	20.68	62.60	52.60	24.91	31.92	N
3	0.44750	19.24	2.71	20.20	39.44	22.91	56.92	46.92	17.48	24.01	N
4	0.58626	11.77	-1.50	20.24	32.01	18.74	56.00	46.00	23.99	27.26	N
5	0.15050	23.19	4.95	19.92	43.11	24.87	65.97	55.97	22.86	31.10	L1
6	0.22386	18.34	1.28	19.90	38.24	21.18	62.67	52.67	24.43	31.49	L1
7	0.44250	19.14	5.22	20.20	39.34	25.42	57.01	47.01	17.67	21.59	L1
8	0.58150	11.14	0.82	20.24	31.38	21.06	56.00	46.00	24.62	24.94	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	2	EUT Operation mode	2
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

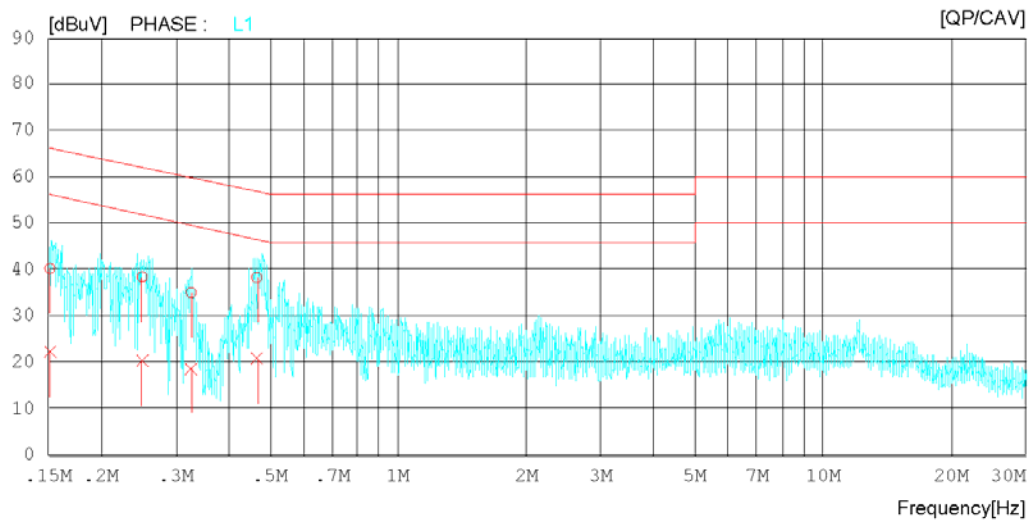
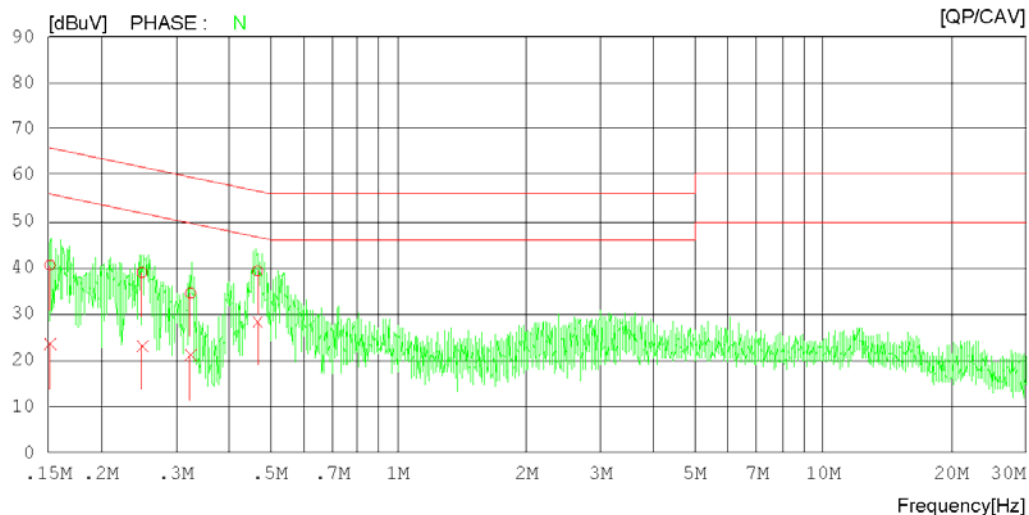
Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	0.15150	20.60	3.36	19.93	40.53	23.29	65.92	55.92	25.39	32.63	N
2	0.24950	19.11	3.28	19.81	38.92	23.10	61.77	51.77	22.85	28.68	N
3	0.32473	14.52	0.92	19.98	34.50	20.90	59.59	49.59	25.09	28.69	N
4	0.46721	19.06	8.17	20.22	39.28	28.39	56.56	46.56	17.28	18.17	N
5	0.15150	20.29	2.33	19.93	40.22	22.26	65.92	55.92	25.70	33.66	L1
6	0.24981	18.53	0.53	19.81	38.34	20.34	61.76	51.76	23.42	31.42	L1
7	0.32542	15.02	-1.42	19.98	35.00	18.56	59.57	49.57	24.57	31.01	L1
8	0.46485	18.02	0.45	20.22	38.24	20.67	56.61	46.61	18.37	25.94	L1

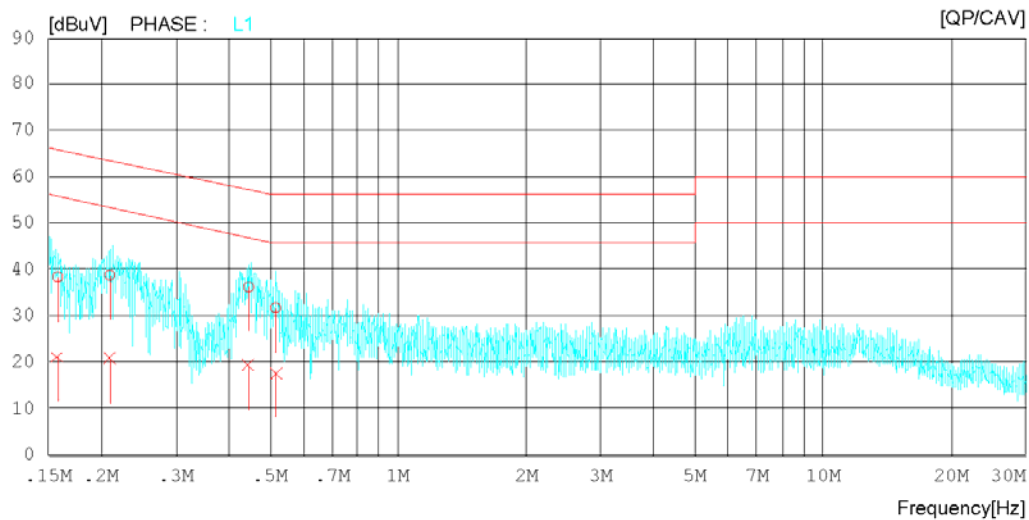
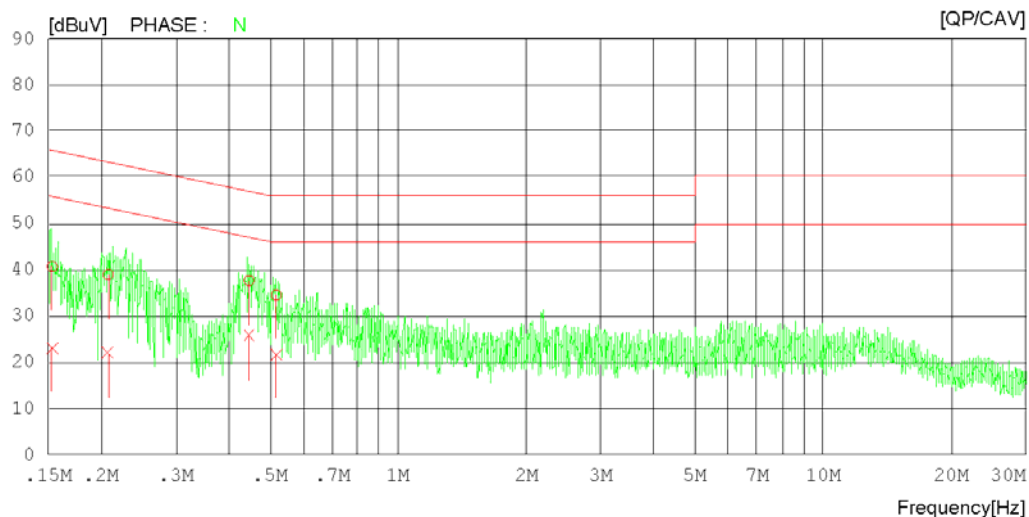
Mains terminal disturbance voltage _Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition IDLE
Memo Aohai+luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 44 % R.H.
Test Condition IDLE
Memo Aohai+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	0.15350	20.69	3.21	19.96	40.65	23.17	65.81	55.81	25.16	32.64	N
2	0.20785	18.94	2.03	19.97	38.91	22.00	63.29	53.29	24.38	31.29	N
3	0.44579	17.40	5.53	20.20	37.60	25.73	56.95	46.95	19.35	21.22	N
4	0.51653	14.26	1.51	20.24	34.50	21.75	56.00	46.00	21.50	24.25	N
5	0.15785	18.32	1.09	20.03	38.35	21.12	65.58	55.58	27.23	34.46	L1
6	0.20950	18.82	0.86	19.96	38.78	20.82	63.23	53.23	24.45	32.41	L1
7	0.44468	16.00	-0.89	20.20	36.20	19.31	56.97	46.97	20.77	27.66	L1
8	0.51429	11.51	-2.47	20.24	31.75	17.77	56.00	46.00	24.25	28.23	L1

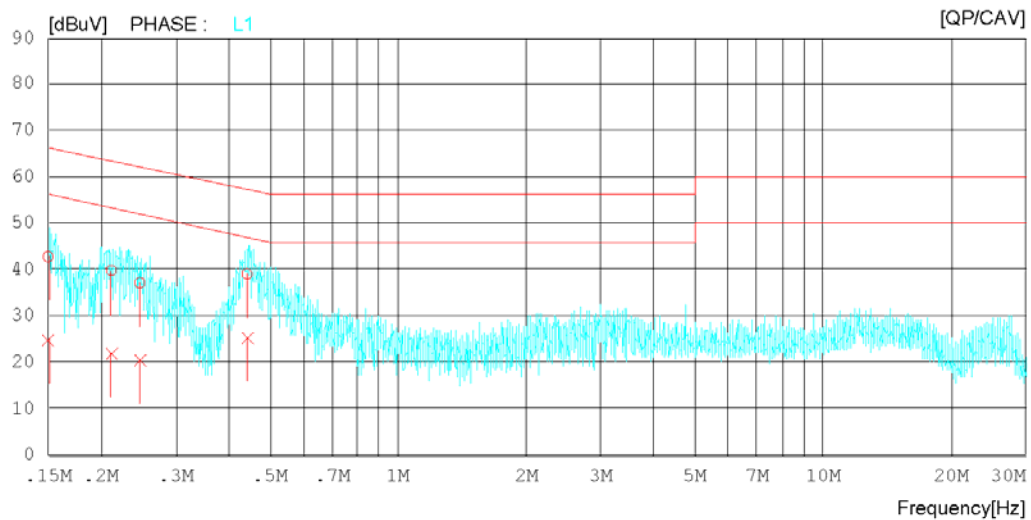
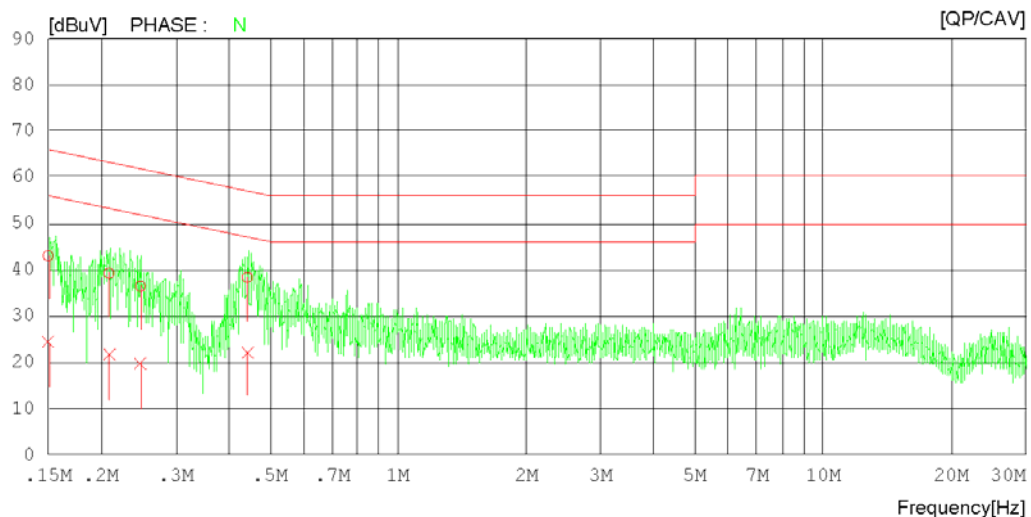
Mains terminal disturbance voltage _Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition TOF
Memo Aohai+luxshare+cresyn

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
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Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition TOF
Memo Aohai+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	0.15000	23.06	4.54	19.91	42.97	24.45	66.00	56.00	23.03	31.55	N
2	0.20857	19.24	1.44	19.97	39.21	21.41	63.26	53.26	24.05	31.85	N
3	0.24716	16.60	-0.10	19.82	36.42	19.72	61.85	51.85	25.43	32.13	N
4	0.44149	18.12	1.93	20.20	38.32	22.13	57.03	47.03	18.71	24.90	N
5	0.15000	22.87	4.88	19.91	42.78	24.79	66.00	56.00	23.22	31.21	L1
6	0.21150	19.81	2.13	19.95	39.76	22.08	63.15	53.15	23.39	31.07	L1
7	0.24650	17.29	0.65	19.82	37.11	20.47	61.87	51.87	24.76	31.40	L1
8	0.44083	18.80	5.00	20.20	39.00	25.20	57.05	47.05	18.05	21.85	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

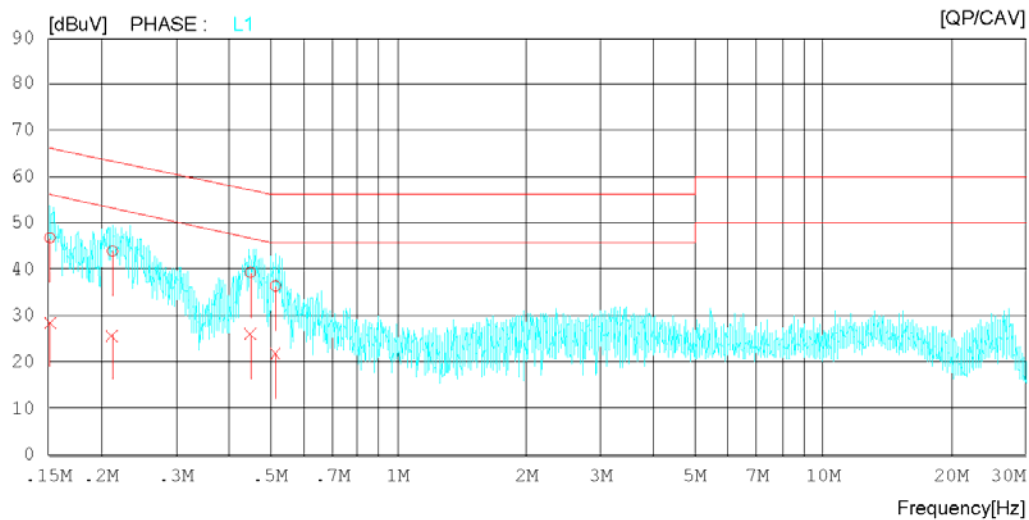
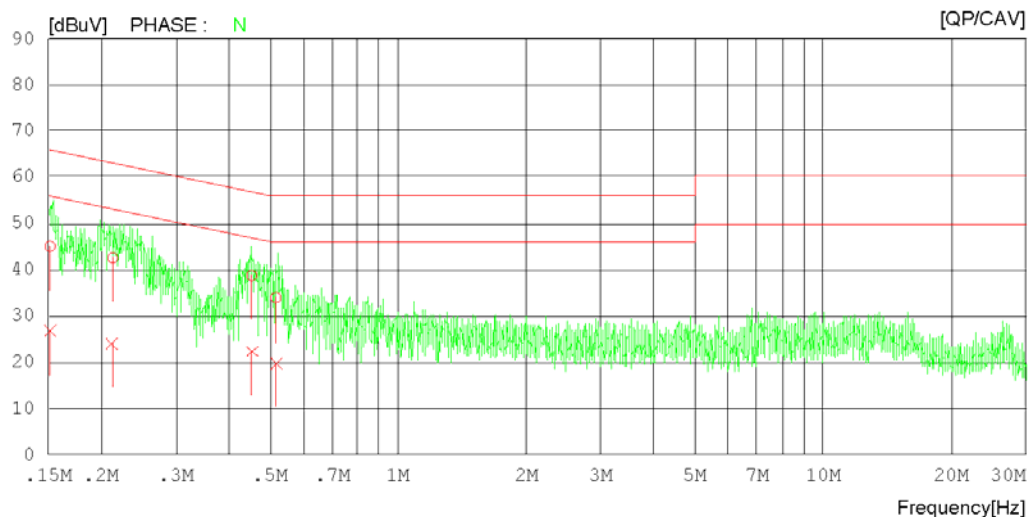
Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
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Test Condition FRONT CAMERA+MP3

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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	0.15168	25.08	6.79	19.94	45.02	26.73	65.91	55.91	20.89	29.18	N
2	0.21269	22.53	4.15	19.95	42.48	24.10	63.10	53.10	20.62	29.00	N
3	0.45213	18.49	2.10	20.21	38.70	22.31	56.84	46.84	18.14	24.53	N
4	0.51523	13.67	-0.50	20.24	33.91	19.74	56.00	46.00	22.09	26.26	N
5	0.15150	26.85	8.74	19.93	46.78	28.67	65.92	55.92	19.14	27.25	L1
6	0.21256	23.98	5.71	19.95	43.93	25.66	63.10	53.10	19.17	27.44	L1
7	0.44947	19.14	5.80	20.20	39.34	26.00	56.88	46.88	17.54	20.88	L1
8	0.51402	16.20	1.37	20.24	36.44	21.61	56.00	46.00	19.56	24.39	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	2	EUT Operation mode	2
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

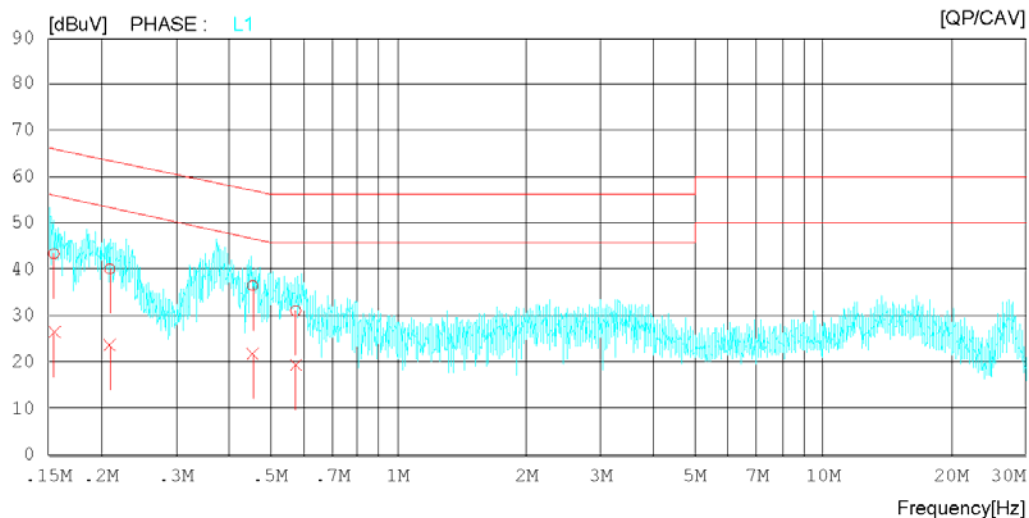
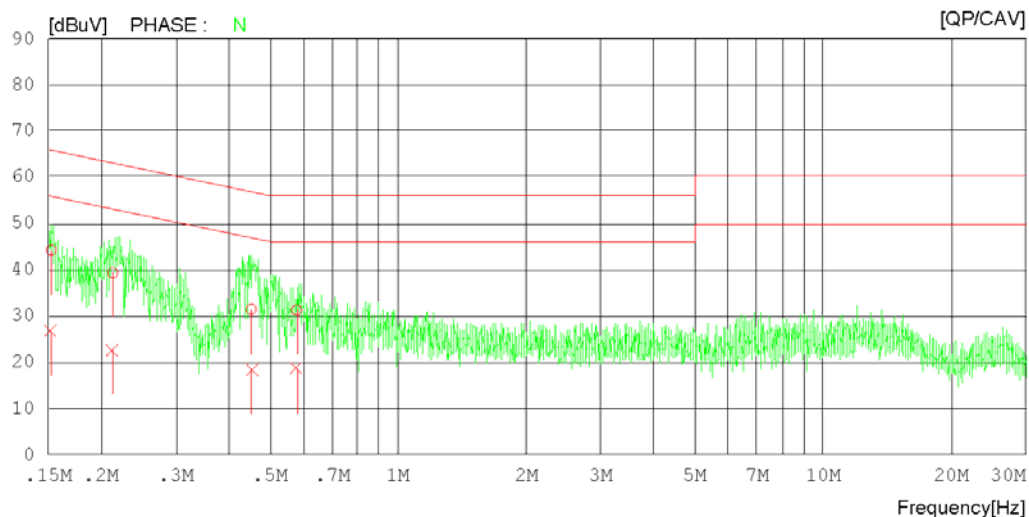
Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	0.15262	24.28	6.72	19.95	44.23	26.67	65.86	55.86	21.63	29.19	N
2	0.21281	19.33	2.64	19.95	39.28	22.59	63.09	53.09	23.81	30.50	N
3	0.45089	11.24	-1.81	20.21	31.45	18.40	56.86	46.86	25.41	28.46	N
4	0.57619	11.00	-1.69	20.24	31.24	18.55	56.00	46.00	24.76	27.45	N
5	0.15485	23.39	6.54	19.98	43.37	26.52	65.74	55.74	22.37	29.22	L1
6	0.20950	20.11	3.62	19.96	40.07	23.58	63.22	53.22	23.15	29.64	L1
7	0.45450	16.29	1.58	20.21	36.50	21.79	56.79	46.79	20.29	25.00	L1
8	0.57469	10.87	-0.96	20.24	31.11	19.28	56.00	46.00	24.89	26.72	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

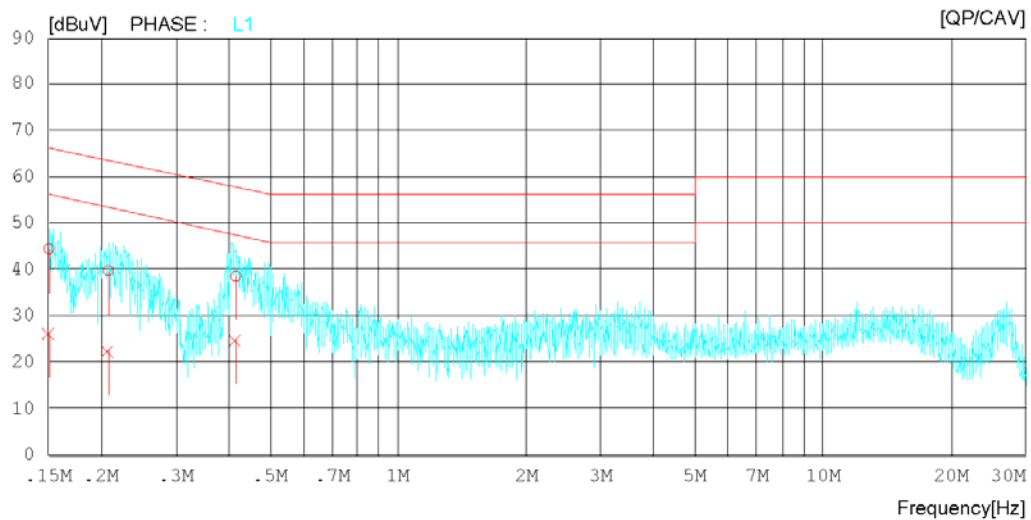
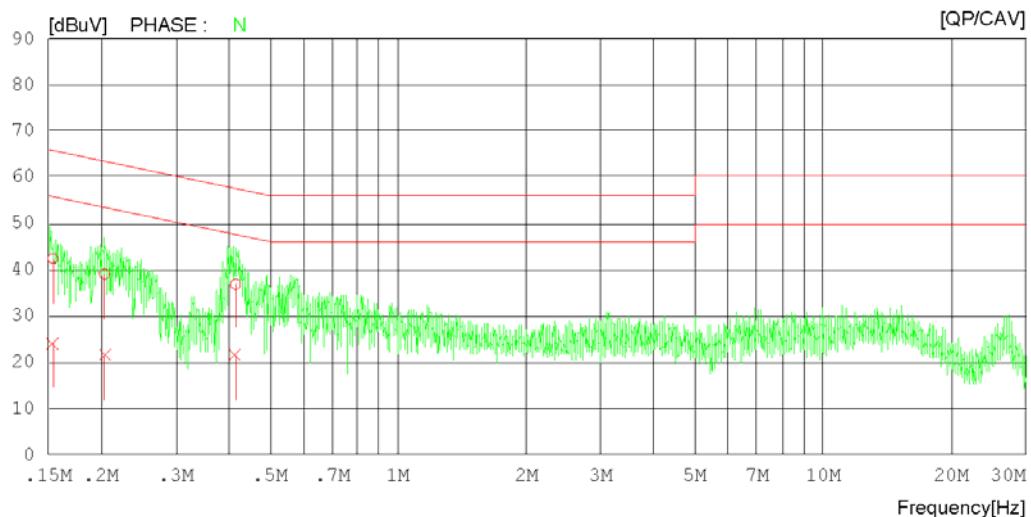
Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 'C 44 % R.H.
Test Condition IDLE
Memo Aohai+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	0.15380	22.45	4.05	19.97	42.42	24.02	65.79	55.79	23.37	31.77	N
2	0.20371	19.05	1.44	19.99	39.04	21.43	63.46	53.46	24.42	32.03	N
3	0.41385	16.66	1.32	20.19	36.85	21.51	57.57	47.57	20.72	26.06	N
4	0.15074	24.52	6.40	19.92	44.44	26.32	65.96	55.96	21.52	29.64	L1
5	0.20764	19.82	2.38	19.97	39.79	22.35	63.30	53.30	23.51	30.95	L1
6	0.41450	18.37	4.64	20.19	38.56	24.83	57.56	47.56	19.00	22.73	L1

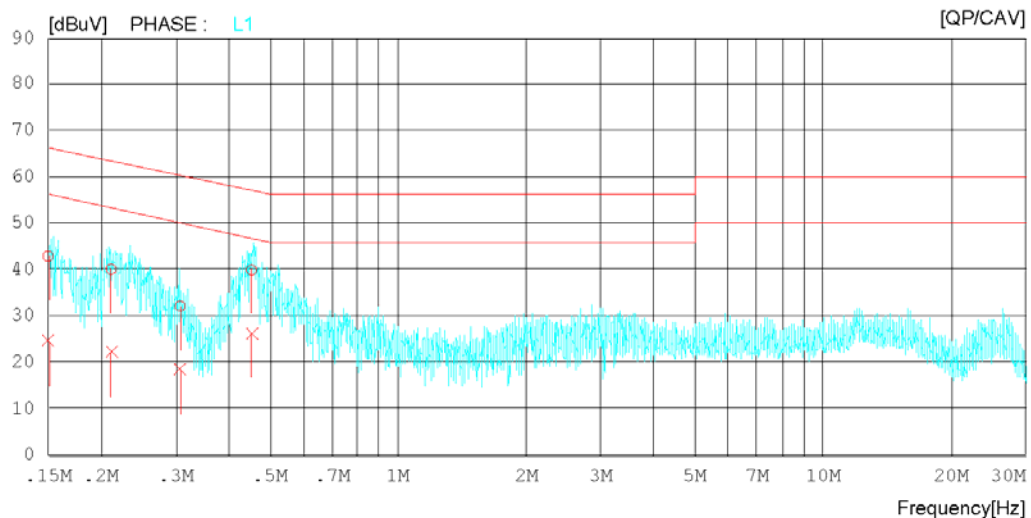
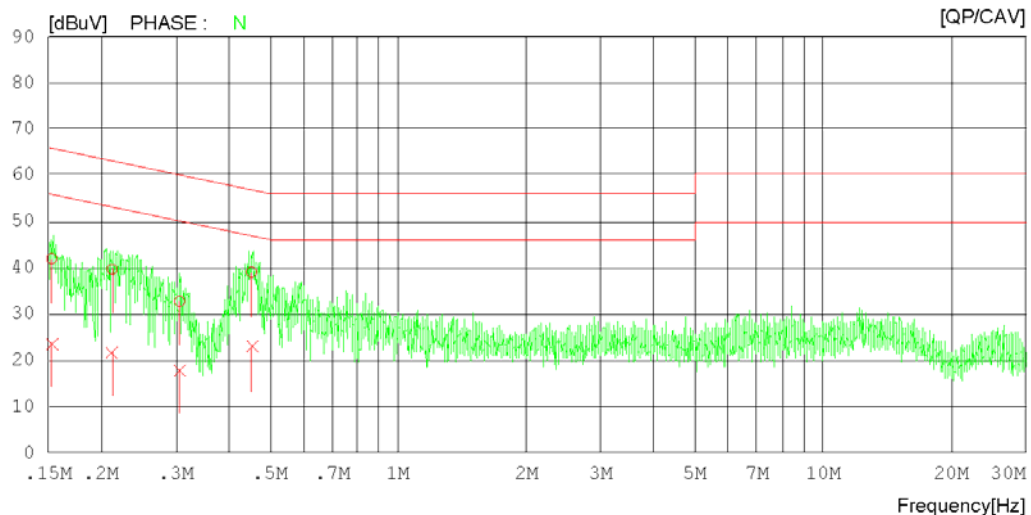
Mains terminal disturbance voltage _ Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

LIMIT : CISPR32_B QP
CISPR32_B AV


Results of Conducted Emission

DT&C
Date 2019-12-09

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi/Atm 23 °C 44 % R.H.
Test Condition TOF
Memo Aohai+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	0.15294	22.00	3.61	19.95	41.95	23.56	65.84	55.84	23.89	32.28	N
2	0.21227	19.69	1.76	19.95	39.64	21.71	63.12	53.12	23.48	31.41	N
3	0.30596	12.85	-1.95	19.92	32.77	17.97	60.08	50.08	27.31	32.11	N
4	0.45150	18.82	2.67	20.21	39.03	22.88	56.85	46.85	17.82	23.97	N
5	0.15000	22.95	4.78	19.91	42.86	24.69	66.00	56.00	23.14	31.31	L1
6	0.21111	20.07	2.25	19.96	40.03	22.21	63.16	53.16	23.13	30.95	L1
7	0.30696	12.12	-1.53	19.92	32.04	18.39	60.05	50.05	28.01	31.66	L1
8	0.45150	19.65	6.01	20.21	39.86	26.22	56.85	46.85	16.99	20.63	L1

Calculation

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

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 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 (10 m distance)		Class B (3 m distance)	
30 to 88	39.1		40	
88 to 216	43.5		43.5	
216 to 960	46.4		46	
960 to 1 000	49.5		54	
According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.				
Frequency range (MHz)	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
BAND REJECT FILTER	WRCGV12-2375-2400-2 484-2505-50SS-PB	WAINWRIGHT INSTRUMENTS GMBH	1	2019.02.27	2020.02.27
HORN ANTENNA WITH PREAMPLIFIER	EM-6969	ELECTRO-METRICS	156	2019.02.13	2021.02.13
	MLA-0618-B03-34	TSJ	1785642	2019.01.02	2020.01.02
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)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

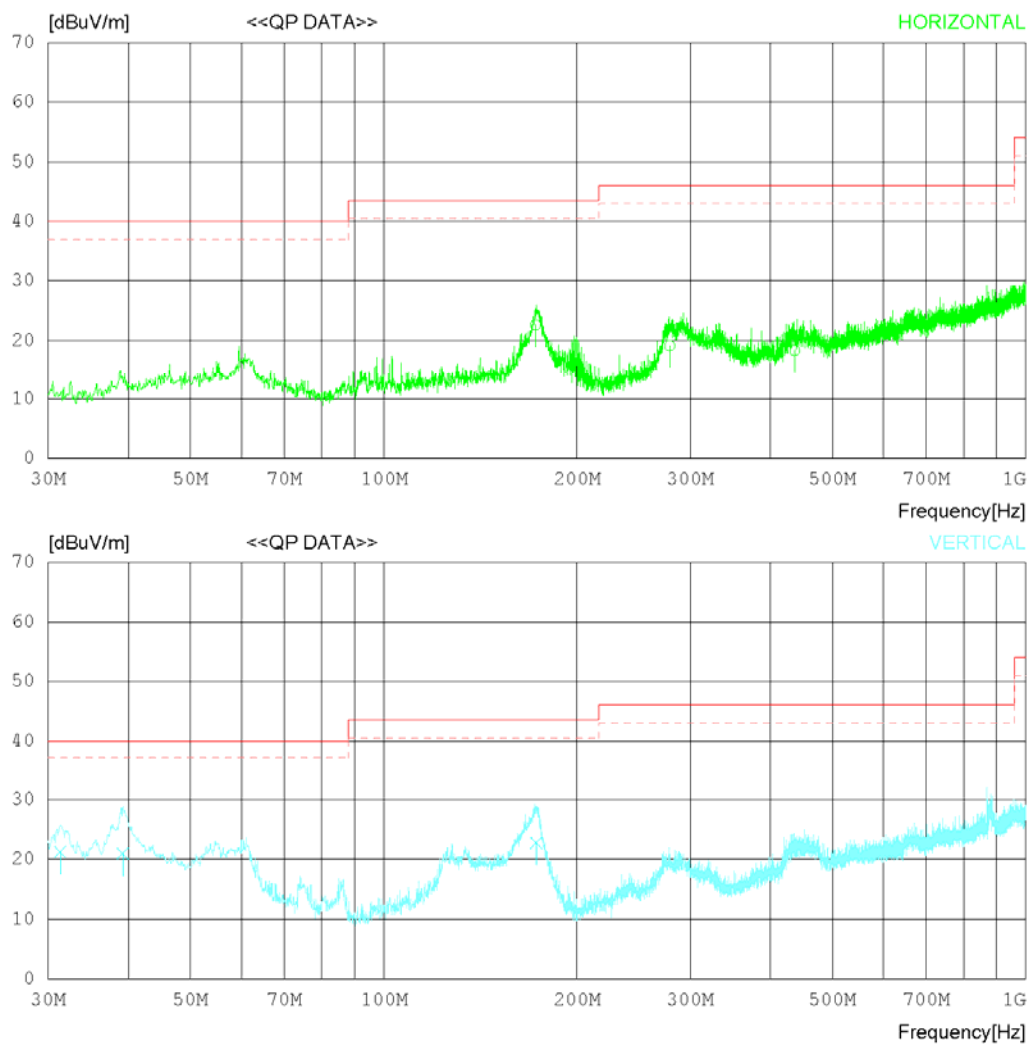
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	172.344	28.60	17.84	1.81	25.64	22.61	43.50	20.89	341	127
2	278.799	23.60	19.14	2.18	25.80	19.12	46.00	26.88	122	78
3	436.540	18.60	22.80	2.60	25.69	18.31	46.00	27.69	308	133
----- Vertical -----										
4	31.334	30.60	15.40	1.10	25.82	21.28	40.00	18.72	120	284
5	39.215	28.80	16.80	1.19	25.81	20.98	40.00	19.02	277	144
6	172.829	28.80	17.79	1.81	25.64	22.76	43.50	20.74	308	276

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

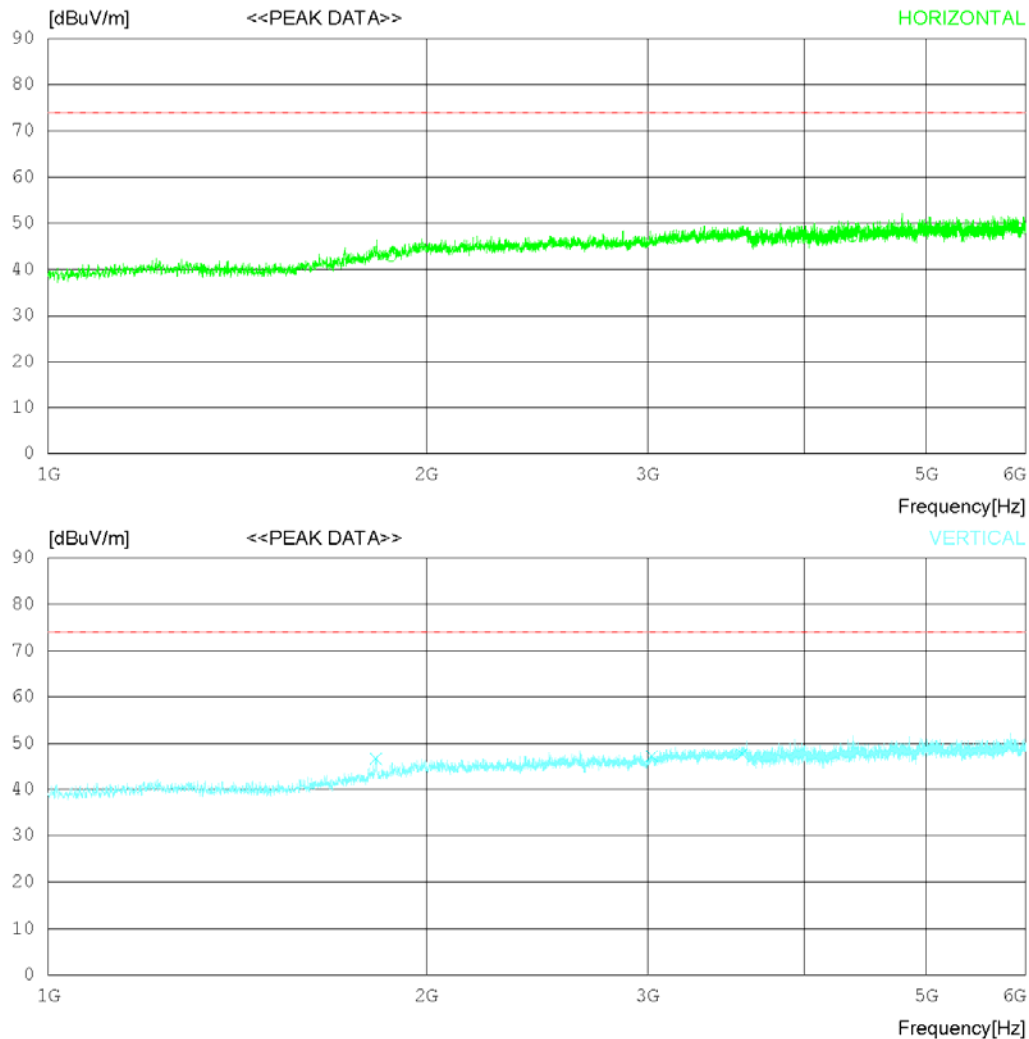
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	1873.750	40.70	30.84	5.82	34.52	42.84	74.0	31.16	105	203
2	3148.750	40.70	33.00	7.66	34.72	46.64	74.0	27.36	125	358
3	4366.250	37.70	33.73	9.72	34.02	47.13	74.0	26.87	247	358
----- Vertical -----										
4	1823.750	44.90	30.50	5.69	34.59	46.50	74.0	27.5	305	304
5	3023.750	41.90	32.60	7.53	34.90	47.13	74.0	26.87	246	39
6	3565.625	40.40	33.09	8.25	34.14	47.60	74.0	26.4	116	0

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

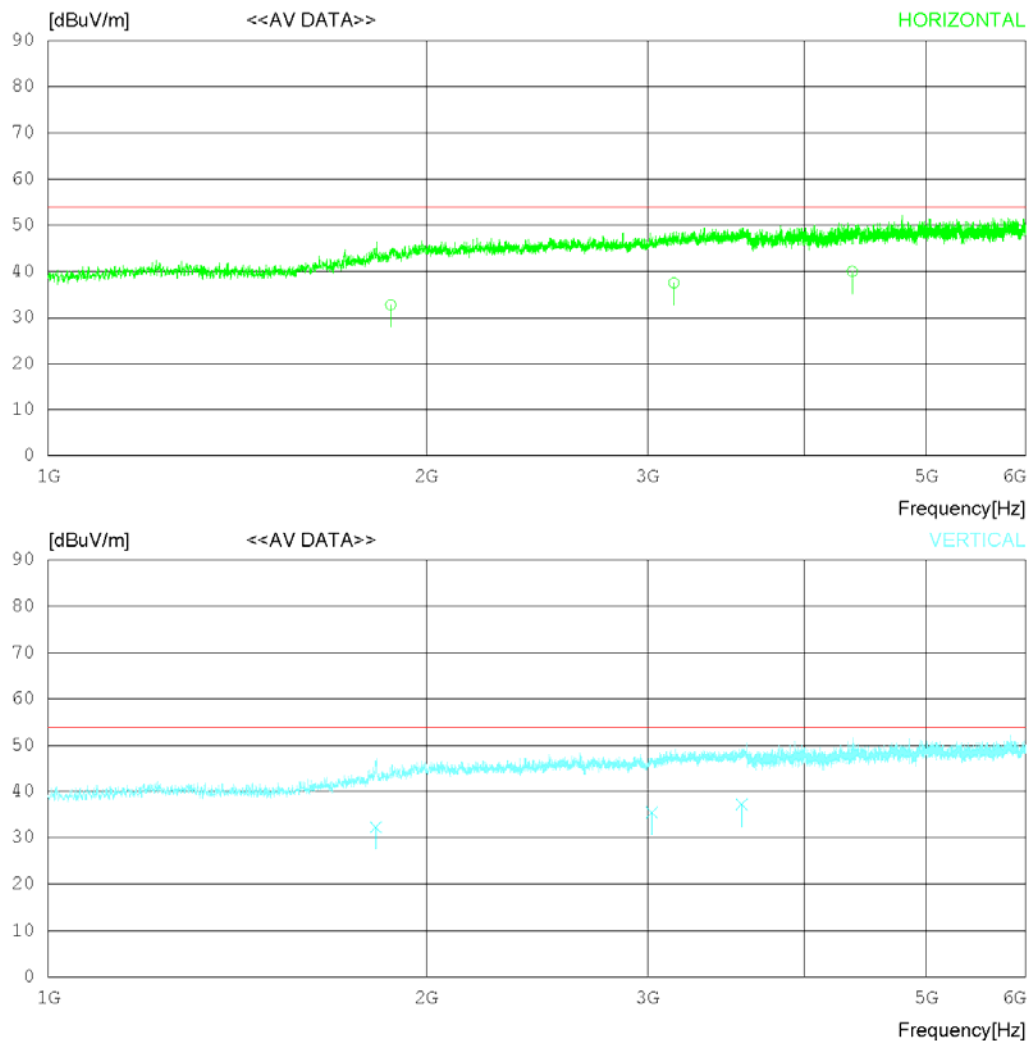
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	1873.420	30.63	30.83	5.81	34.52	32.75	54.00	21.25	120	178
2	3148.711	31.60	33.00	7.66	34.72	37.54	54.00	16.46	208	311
3	4366.231	30.60	33.73	9.72	34.02	40.03	54.00	13.97	113	344
----- Vertical -----										
4	1823.744	30.60	30.49	5.69	34.59	32.19	54.00	21.81	113	12
5	3023.711	30.10	32.59	7.53	34.90	35.32	54.00	18.68	208	227
6	3565.644	29.90	33.09	8.25	34.14	37.10	54.00	16.90	178	134

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

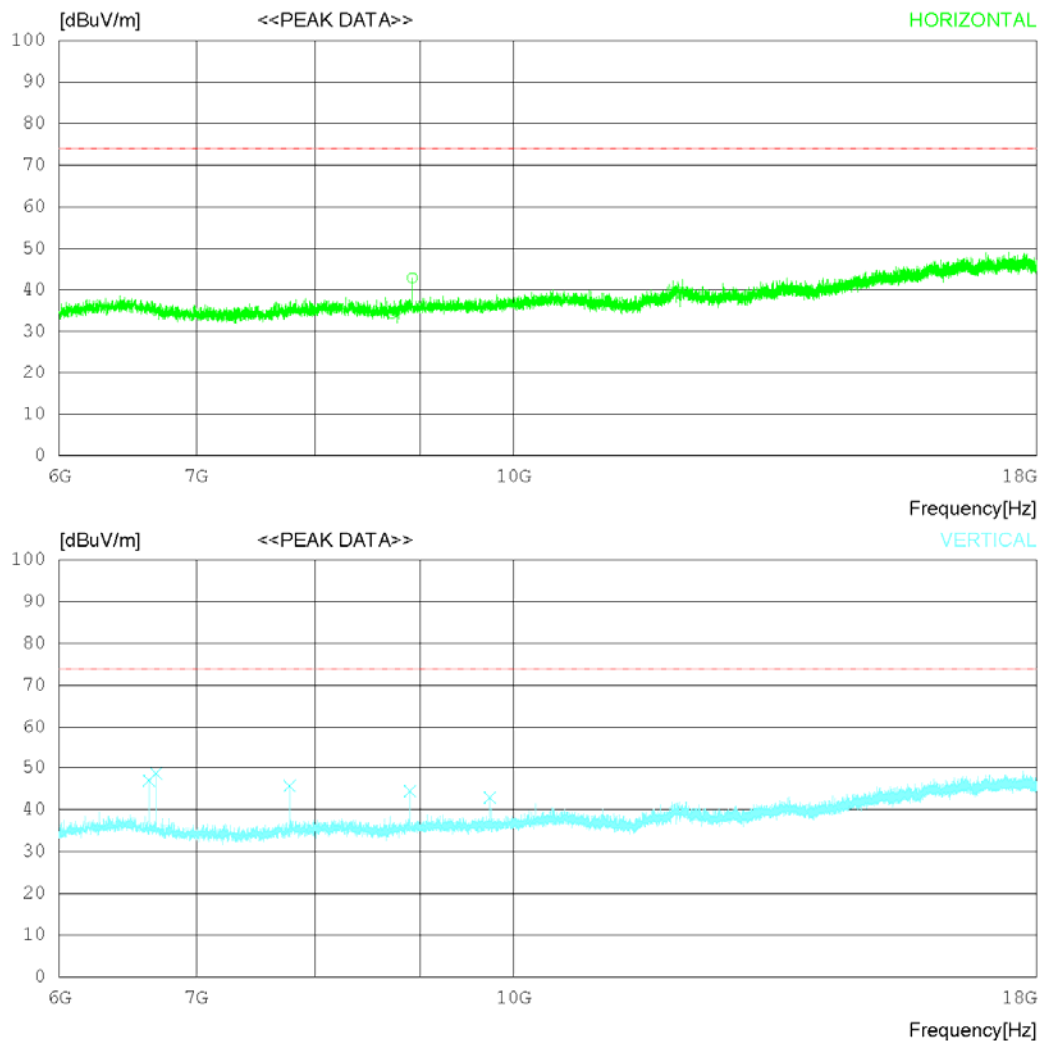
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	8724.000	27.50	31.88	13.19	38.20	34.37	74.0	39.63	214	359
2	8923.500	36.20	32.04	13.38	38.73	42.89	74.0	31.11	170	10
----- Vertical -----										
3	6637.500	42.60	31.55	11.22	38.45	46.92	74.0	27.08	125	334
4	6690.750	44.30	31.53	11.22	38.47	48.58	74.0	25.42	224	116
5	7776.750	39.90	31.33	12.55	38.13	45.65	74.0	28.35	232	93
6	8900.250	37.60	32.02	13.38	38.66	44.34	74.0	29.66	172	358
7	9735.000	34.90	32.43	14.18	38.61	42.90	74.0	31.1	327	358

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

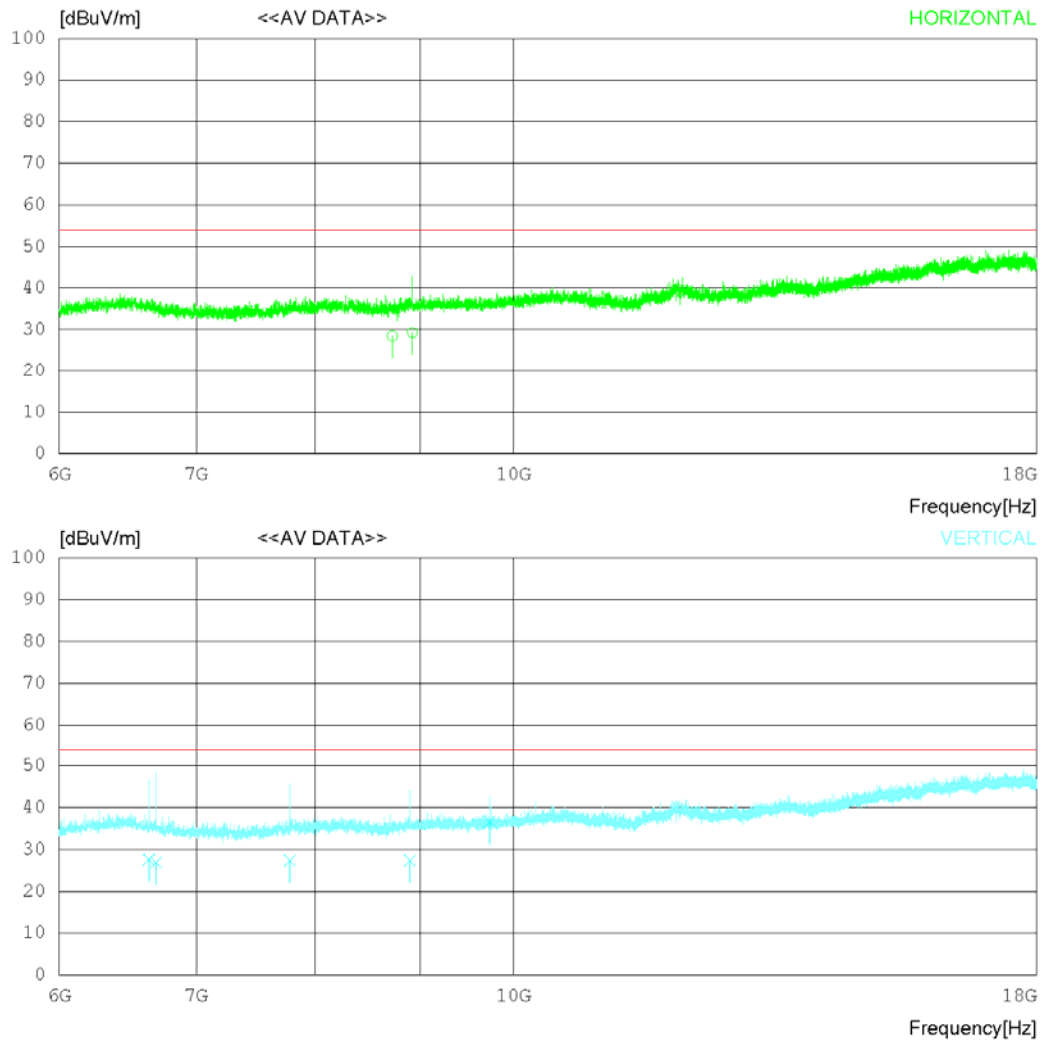
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	8724.040	21.60	31.88	13.19	38.20	28.47	54.00	25.53	120	165
2	8923.511	22.60	32.04	13.38	38.73	29.29	54.00	24.71	273	17
----- Vertical -----										
3	6637.142	23.26	31.55	11.22	38.45	27.58	54.00	26.42	120	334
4	6690.711	22.60	31.53	11.22	38.47	26.88	54.00	27.12	100	116
5	7776.712	21.60	31.33	12.55	38.13	27.35	54.00	26.65	100	93
6	8900.223	20.60	32.02	13.38	38.66	27.34	54.00	26.66	100	358
7	9735.044	28.60	32.43	14.18	38.61	36.60	54.00	17.40	100	358

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

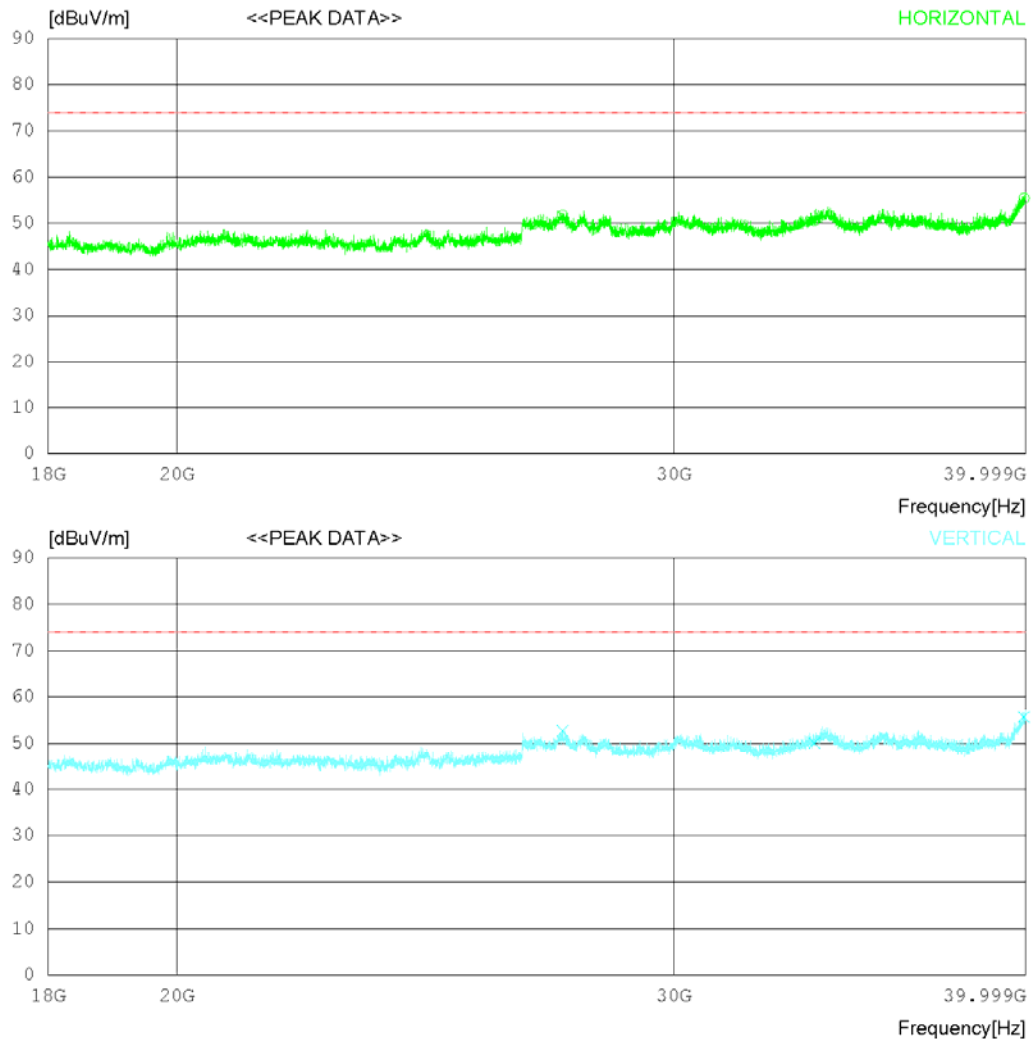
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	27402.250	37.20	38.81	21.09	45.42	51.68	74.0	22.32	125	358
2	33655.750	32.60	41.03	23.87	46.91	50.59	74.0	23.41	302	234
3	39945.000	35.00	43.37	23.97	46.91	55.43	74.0	18.57	274	176
----- Vertical -----										
4	27402.250	38.30	38.81	21.09	45.42	52.78	74.0	21.22	226	309
5	33655.750	32.10	41.03	23.87	46.91	50.09	74.0	23.91	150	120
6	39945.000	35.30	43.37	23.97	46.91	55.73	74.0	18.27	310	1

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

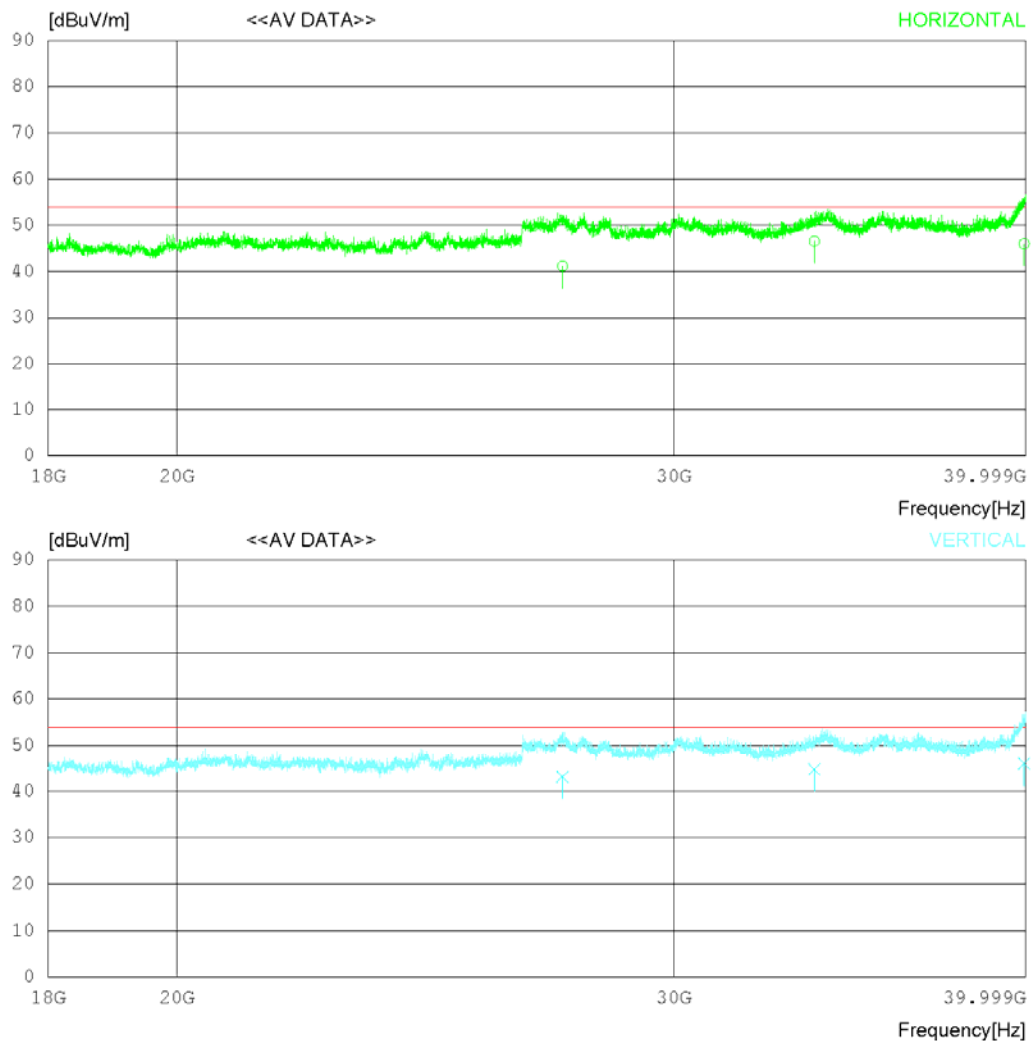
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	27402.12026.68	38.81	21.09	45.42	41.16	54.00	12.84	302	186	
2	33655.71028.60	41.03	23.87	46.91	46.59	54.00	7.41	273	264	
3	39945.02025.60	43.37	23.97	46.91	46.03	54.00	7.97	134	224	
----- Vertical -----										
4	27402.21028.60	38.81	21.09	45.42	43.08	54.00	10.92	120	122	
5	33655.71026.70	41.03	23.87	46.91	44.69	54.00	9.31	334	237	
6	39945.72025.50	43.38	23.97	46.90	45.95	54.00	8.05	342	178	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

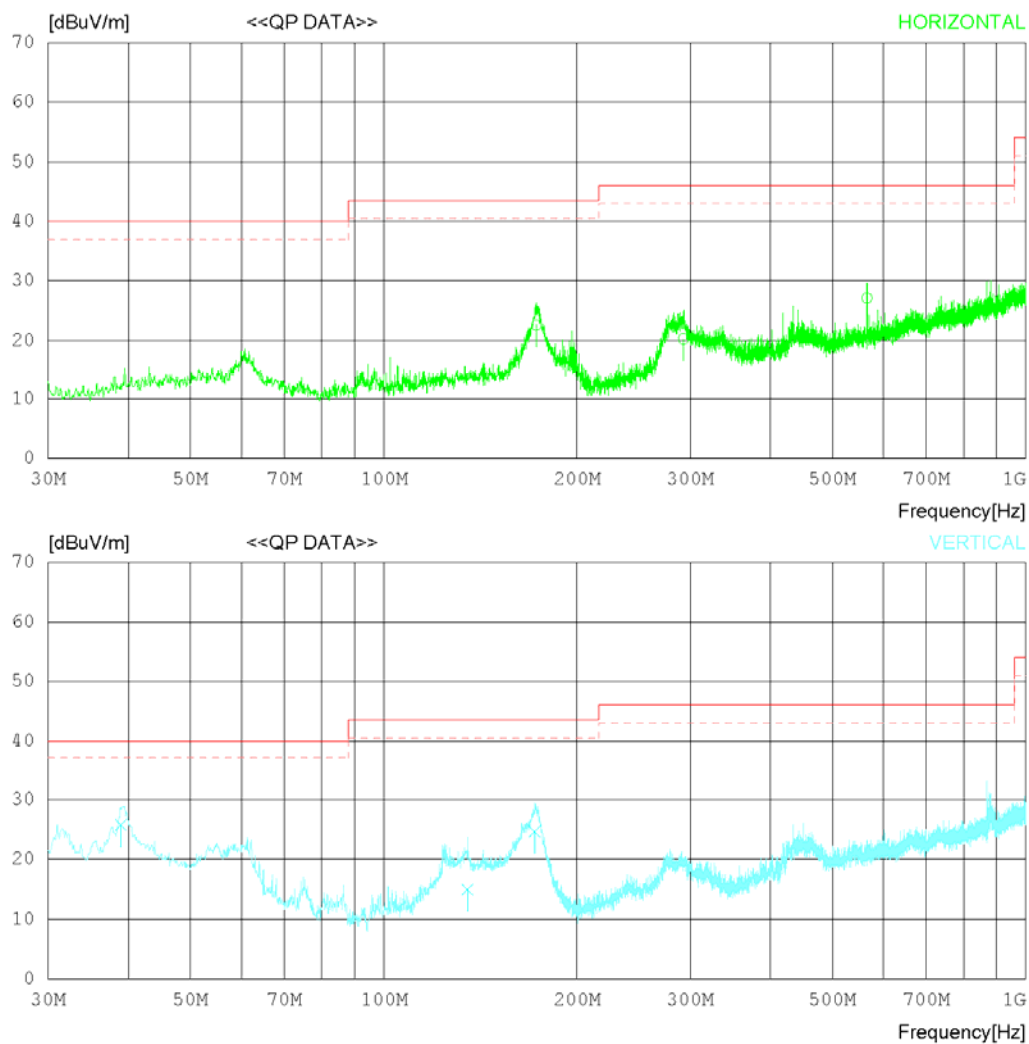
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	172.829	28.60	17.79	1.81	25.64	22.56	43.50	20.94	120	197
2	292.863	24.40	19.50	2.22	25.83	20.29	46.00	25.71	273	110
3	565.924	24.60	25.04	2.95	25.48	27.11	46.00	18.89	134	124
----- Vertical -----										
4	38.973	33.60	16.79	1.19	25.81	25.77	40.00	14.23	120	244
5	135.000	20.60	18.35	1.68	25.68	14.95	43.50	28.55	227	168
6	171.859	30.60	17.90	1.81	25.64	24.67	43.50	18.83	134	237

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

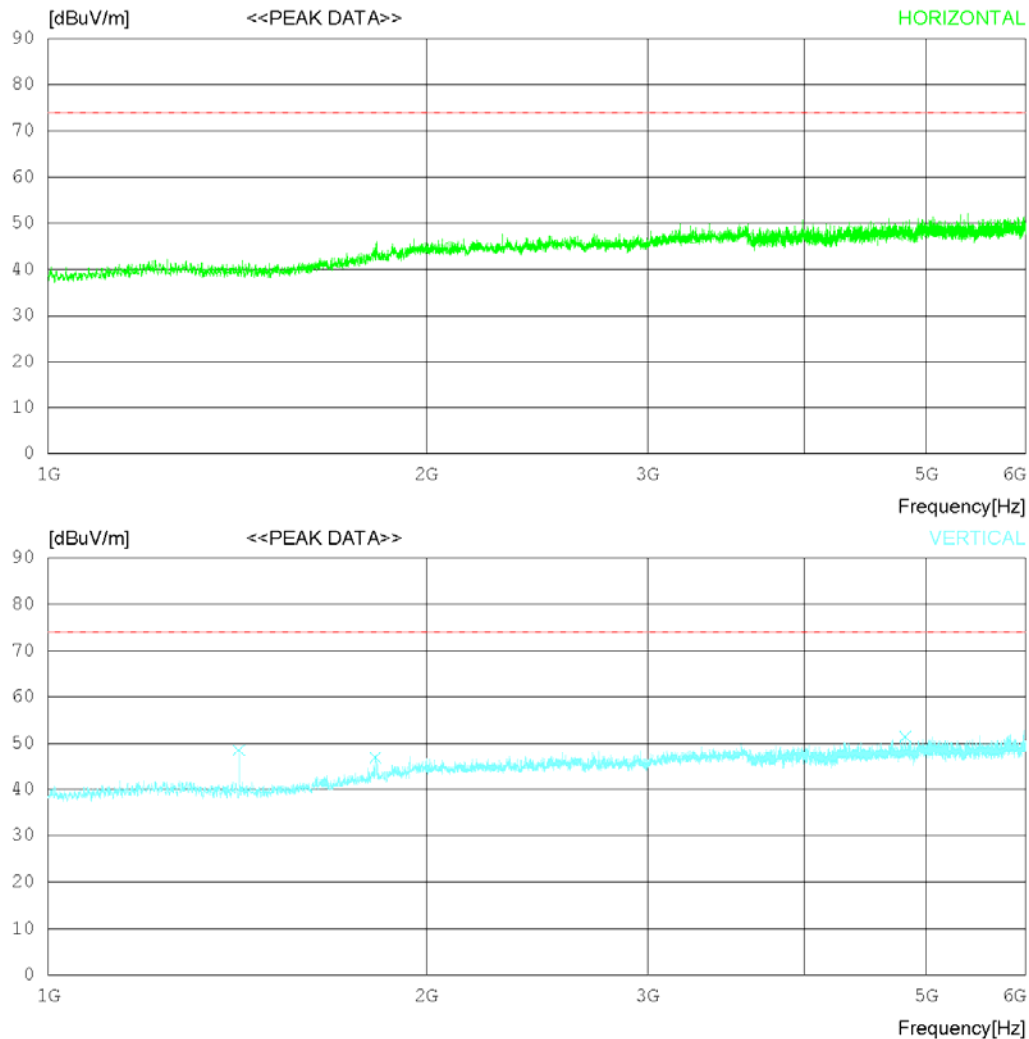
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	2089.375	41.40	31.70	6.25	34.39	44.96	74.0	29.04	125	246
2	3258.750	40.60	32.98	7.82	34.57	46.83	74.0	27.17	225	358
3	4355.625	38.70	33.71	9.70	34.01	48.10	74.0	25.9	145	358
----- Vertical -----										
4	1418.750	50.60	28.03	5.02	35.16	48.49	74.0	25.51	241	63
5	1821.875	45.20	30.49	5.69	34.59	46.79	74.0	27.21	271	0
6	4811.250	41.50	34.00	10.57	34.61	51.46	74.0	22.54	255	169

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

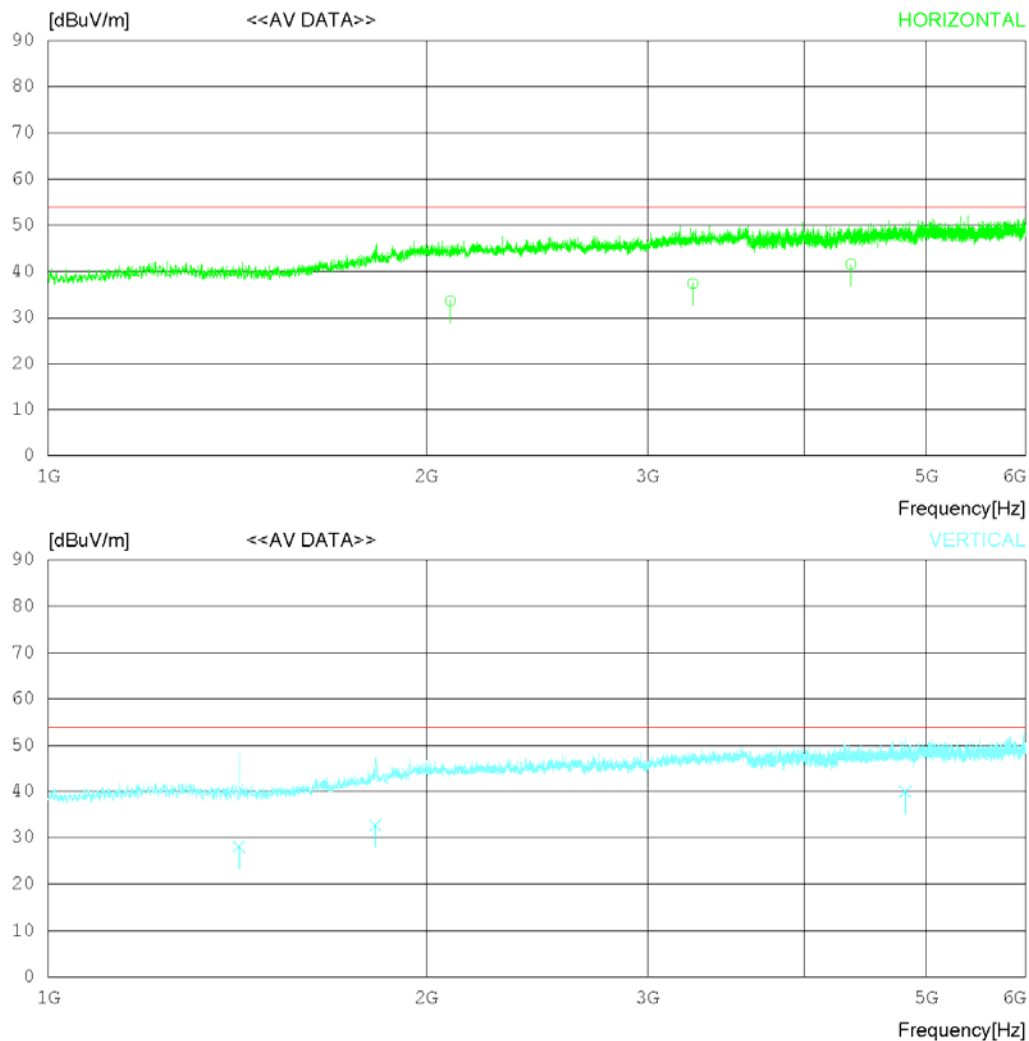
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	2089.344	30.10	31.70	6.25	34.39	33.66	54.00	20.34	321	120
2	3258.751	31.20	32.98	7.82	34.57	37.43	54.00	16.57	133	124
3	4355.613	32.20	33.71	9.70	34.01	41.60	54.00	12.40	112	264
----- Vertical -----										
4	1418.744	30.10	28.03	5.02	35.16	27.99	54.00	26.01	120	134
5	1821.812	31.10	30.49	5.69	34.59	32.69	54.00	21.31	227	124
6	4811.254	29.90	34.00	10.57	34.61	39.86	54.00	14.14	173	202

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

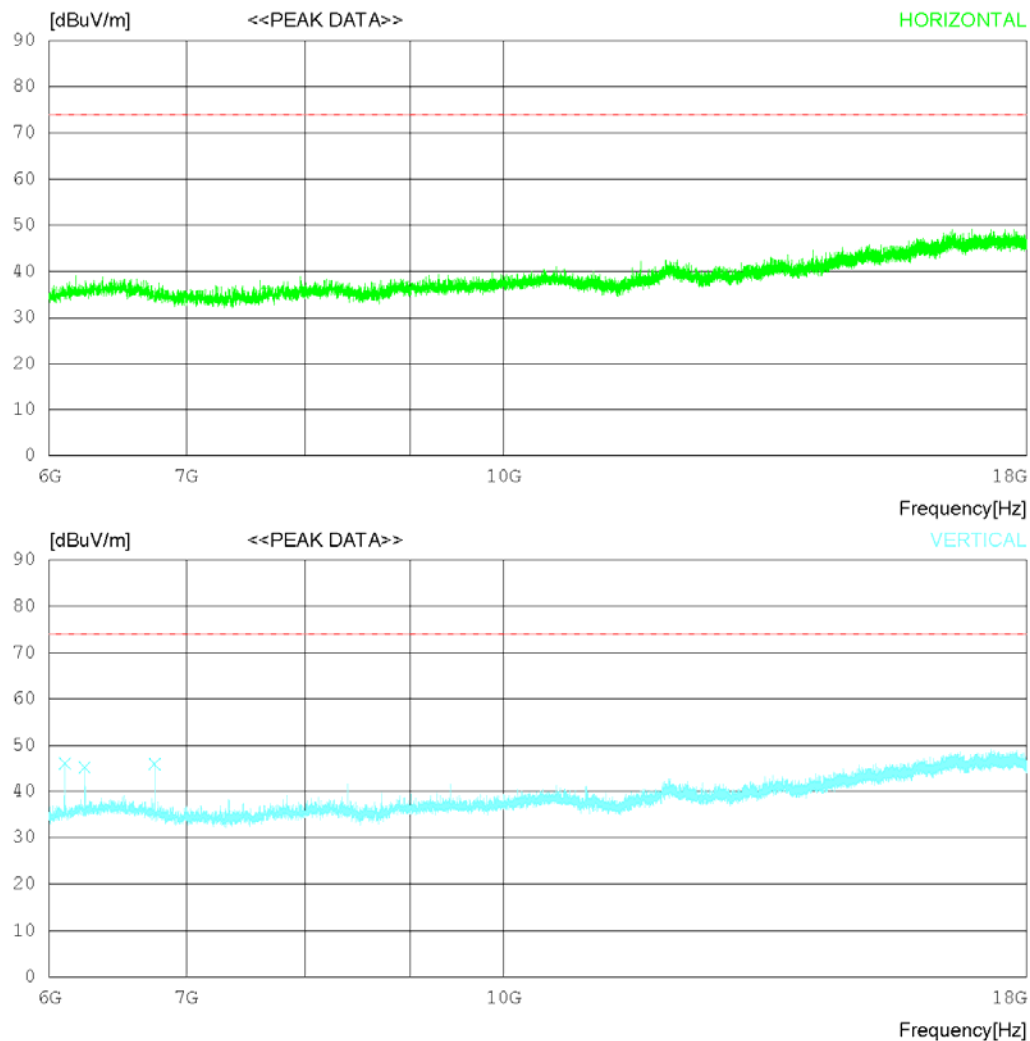
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	7638.750	30.10	31.35	12.10	38.19	35.36	74.0	38.64	254	358
2	8974.500	30.00	32.08	13.39	38.86	36.61	74.0	37.39	222	351
3	9826.500	28.60	32.47	14.13	38.37	36.83	74.0	37.17	118	261
----- Vertical -----										
4	6107.250	42.60	31.69	10.75	39.15	45.89	74.0	28.11	295	358
5	6245.250	41.40	31.65	10.86	38.90	45.01	74.0	28.99	327	358
6	6756.000	41.50	31.52	11.23	38.50	45.75	74.0	28.25	234	279

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

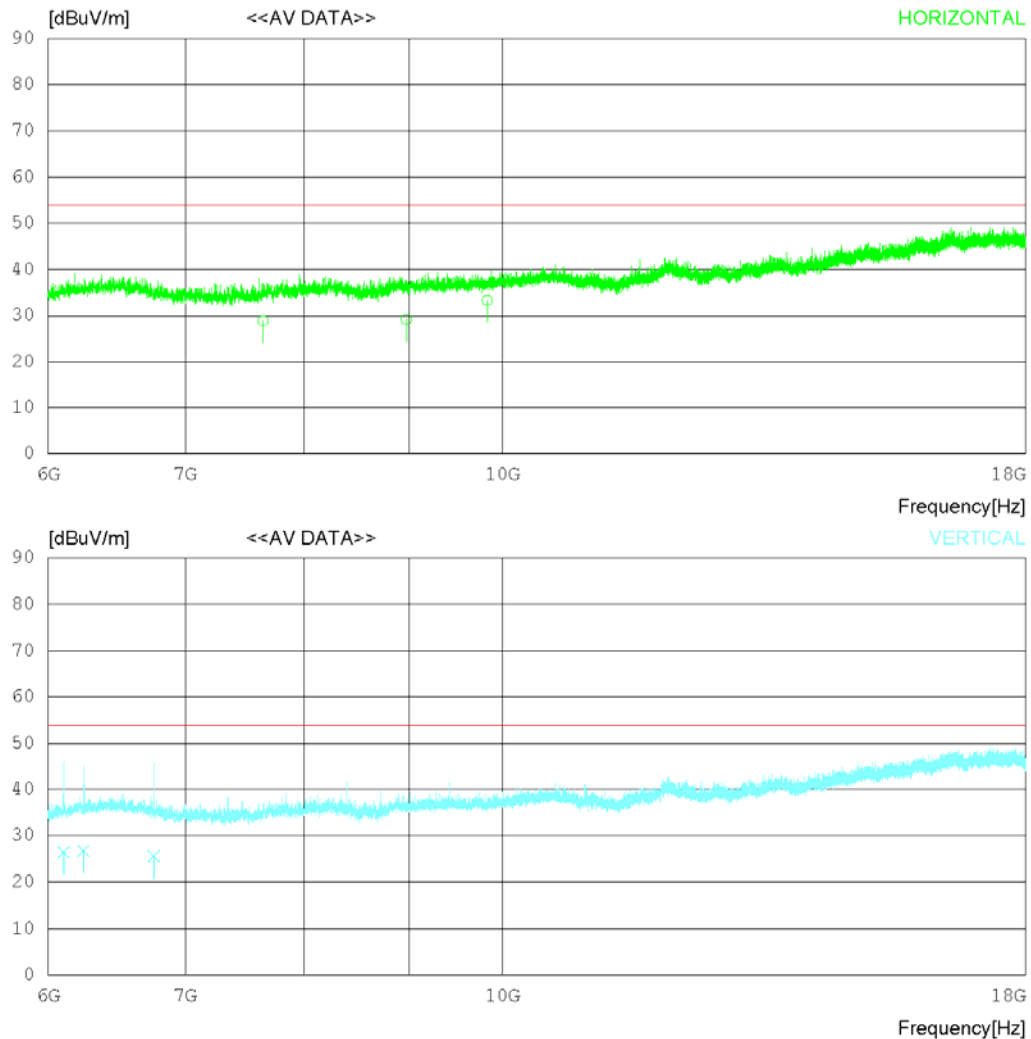
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	7638.751	23.60	31.35	12.10	38.19	28.86	54.00	25.14	120	274
2	8974.510	22.60	32.08	13.39	38.86	29.21	54.00	24.79	242	315
3	9826.504	25.10	32.47	14.13	38.37	33.33	54.00	20.67	312	113
----- Vertical -----										
4	6107.061	23.10	31.69	10.75	39.15	26.39	54.00	27.61	120	271
5	6245.028	23.10	31.65	10.86	38.90	26.71	54.00	27.29	224	45
6	6756.067	21.30	31.52	11.23	38.50	25.55	54.00	28.45	134	177

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

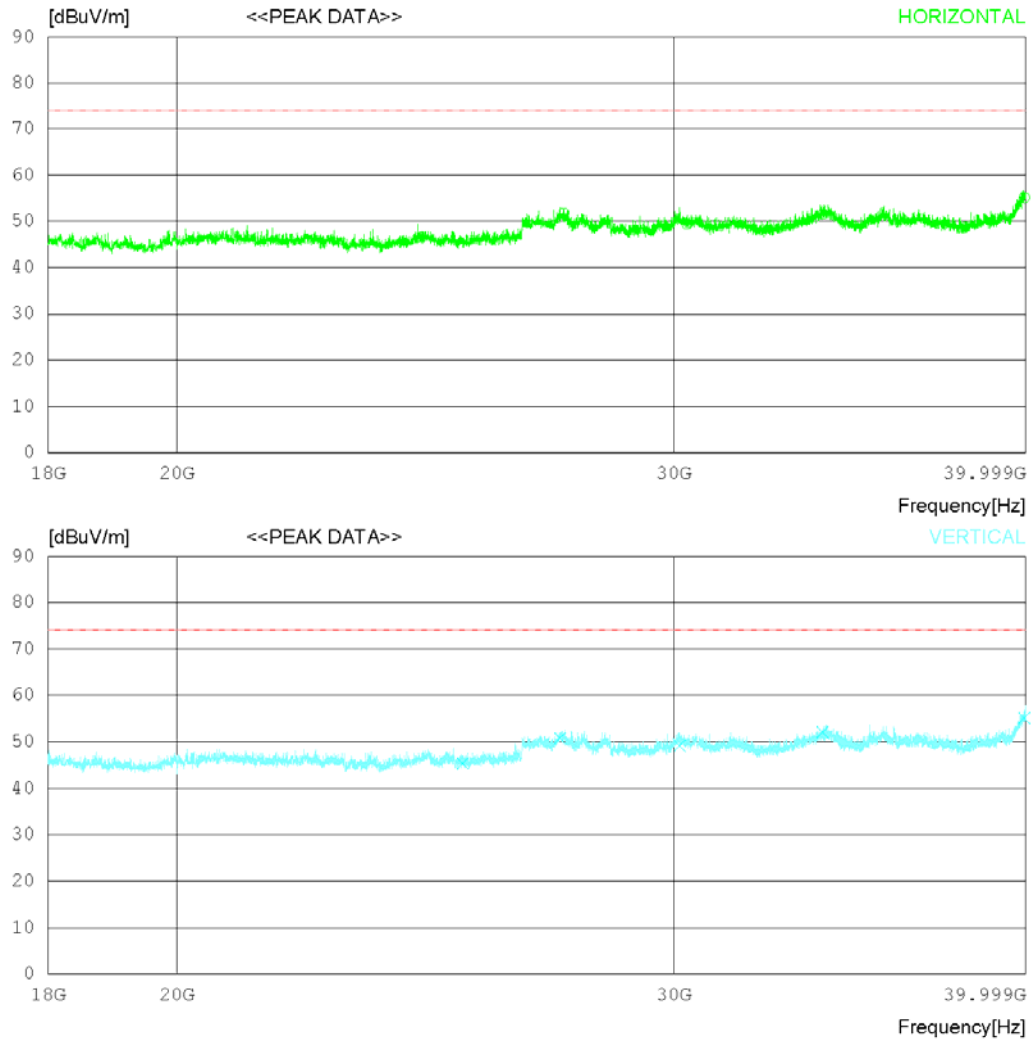
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	24418.50031.70	39.24	20.37	44.72	46.59	74.0	27.41	155	261	
2	27429.75037.30	38.82	21.09	45.44	51.77	74.0	22.23	125	129	
3	30331.00033.60	40.23	22.01	46.50	49.34	74.0	24.66	254	358	
4	33897.75032.90	41.38	24.08	46.76	51.60	74.0	22.4	228	358	
5	39956.00034.60	43.42	23.95	46.85	55.12	74.0	18.88	236	358	
----- Vertical -----										
6	25257.25030.50	38.95	20.73	44.85	45.33	74.0	28.67	246	0	
7	27344.50036.30	38.78	21.08	45.38	50.78	74.0	23.22	124	323	
8	30152.25033.50	40.30	21.88	46.50	49.18	74.0	24.82	320	25	
9	33884.00033.40	41.36	24.07	46.77	52.06	74.0	21.94	234	0	
10	39956.00034.60	43.42	23.95	46.85	55.12	74.0	18.88	124	358	

Radiated disturbance at (18 ~ 40) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

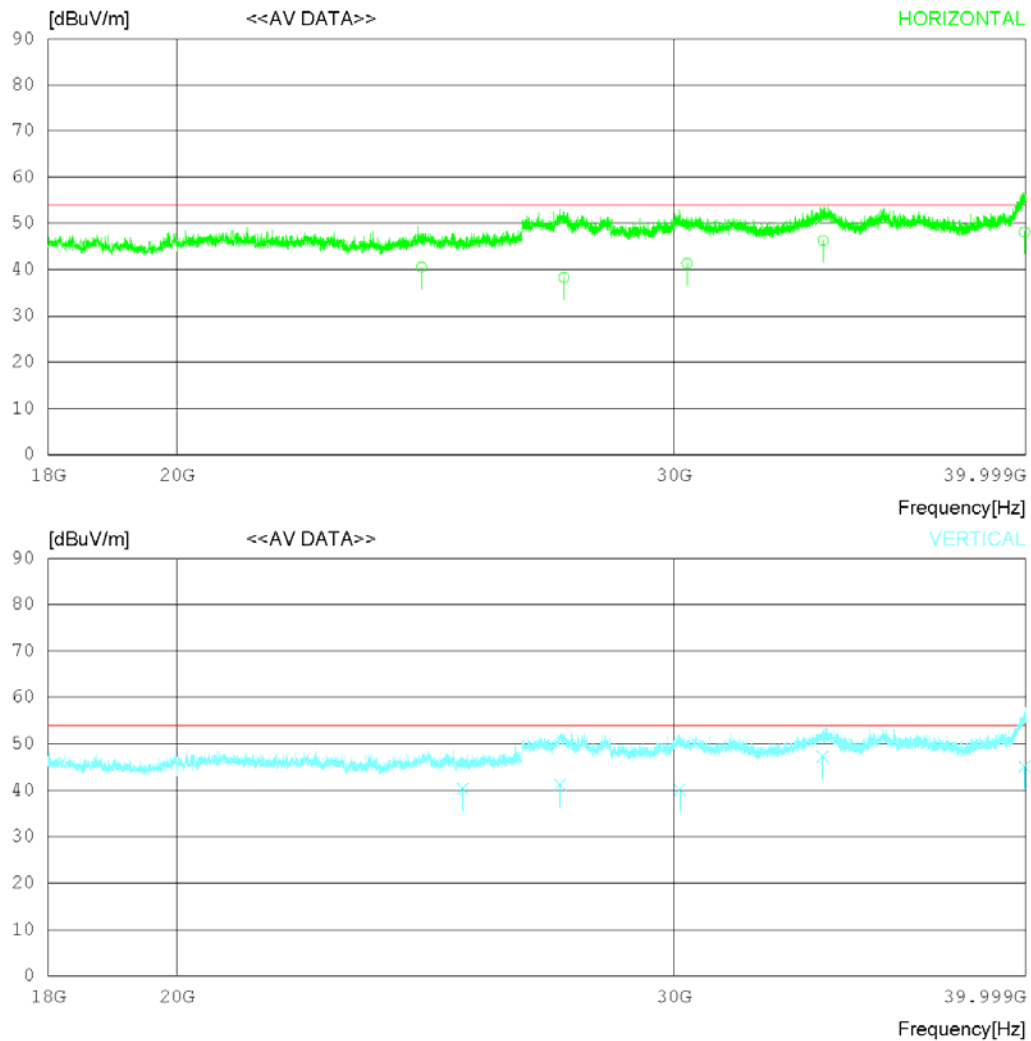
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition FRONT CAMERA+MP3

Memo Aohai+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	24418.51025.60		39.24	20.37	44.72	40.49	54.00	13.51	234	278
2	27429.71023.80		38.82	21.09	45.44	38.27	54.00	15.73	127	192
3	30331.67025.60		40.23	22.01	46.50	41.34	54.00	12.66	308	124
4	33897.75027.60		41.38	24.08	46.76	46.30	54.00	7.70	124	312
5	39956.42027.60		43.42	23.95	46.84	48.13	54.00	5.87	243	322
----- Vertical -----										
6	25257.25025.50		38.95	20.73	44.85	40.33	54.00	13.67	120	215
7	27344.50026.70		38.78	21.08	45.38	41.18	54.00	12.82	230	37
8	30152.25024.50		40.30	21.88	46.50	40.18	54.00	13.82	247	126
9	33884.00028.60		41.36	24.07	46.77	47.26	54.00	6.74	176	20
10	39956.00024.60		43.42	23.95	46.85	45.12	54.00	8.88	123	122

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	2	EUT Operation mode	2
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

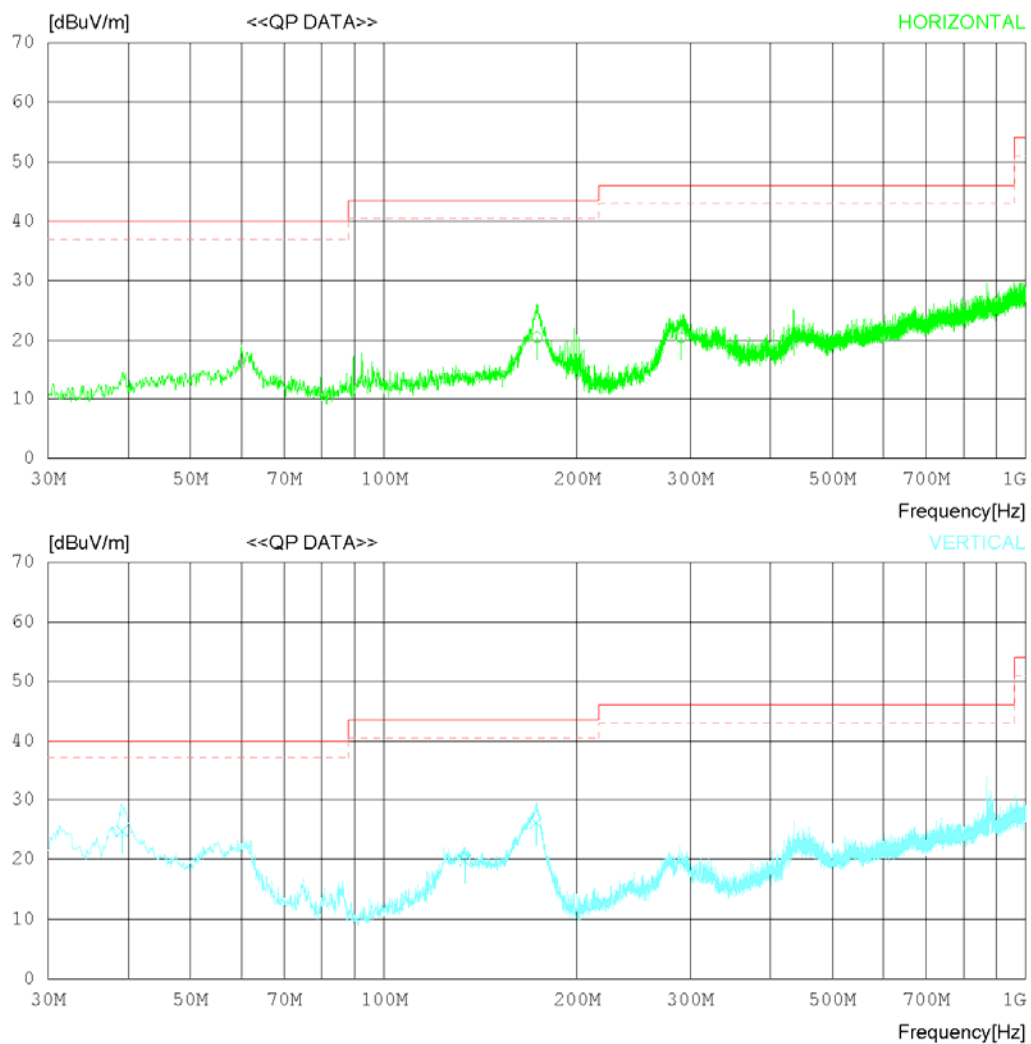
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	173.193	26.60	17.75	1.81	25.64	20.52	43.50	22.98	120	78
2	290.438	24.60	19.50	2.22	25.82	20.50	46.00	25.50	227	113
3	435.570	21.60	22.77	2.60	25.69	21.28	46.00	24.72	343	208
----- Vertical -----										
4	39.094	32.60	16.80	1.19	25.81	24.78	40.00	15.22	120	179
5	133.788	25.50	18.27	1.68	25.68	19.77	43.50	23.73	227	148
6	172.708	32.10	17.80	1.81	25.64	26.07	43.50	17.43	314	226

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

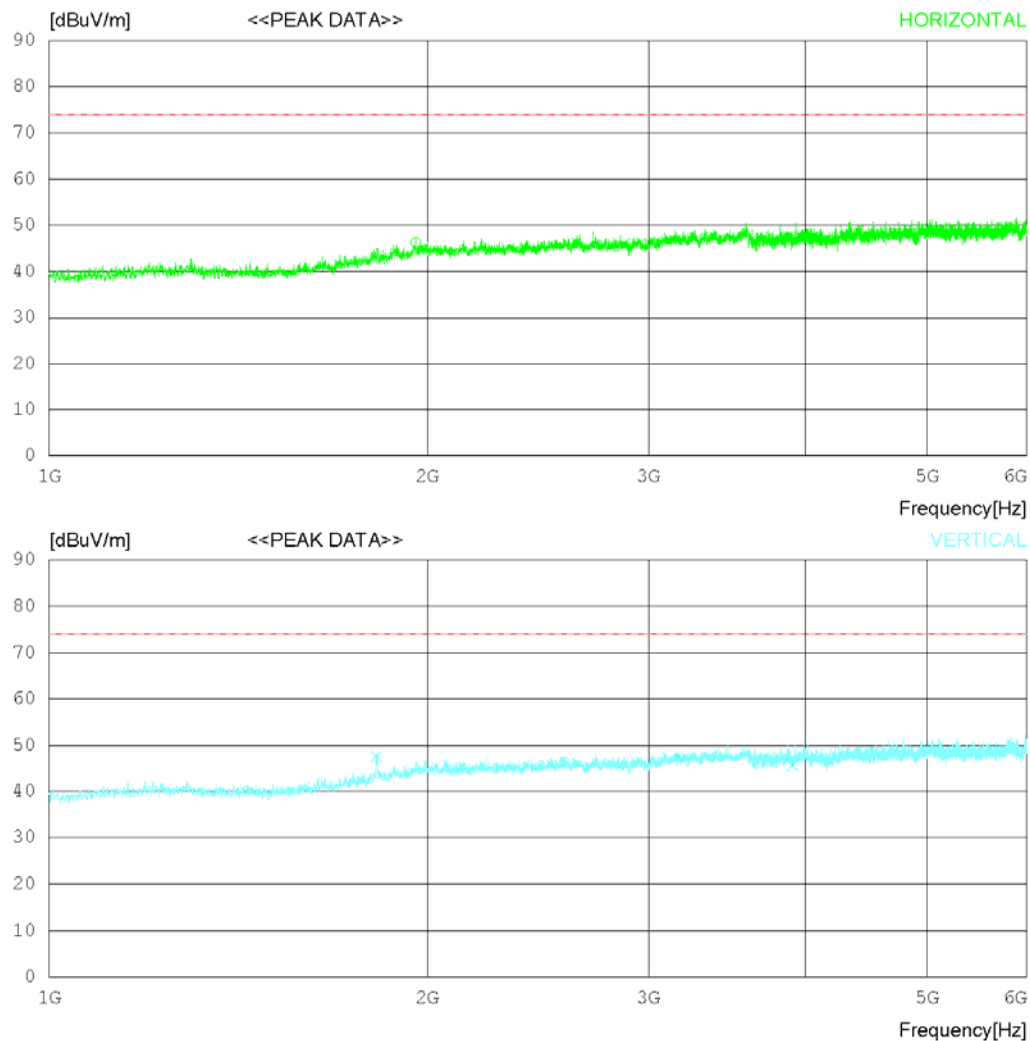
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	1958.125	43.10	31.52	6.02	34.40	46.24	74.0	27.76	105	358
2	2826.875	40.90	32.30	7.15	34.83	45.52	74.0	28.48	243	358
3	4036.250	38.50	33.23	8.97	33.59	47.11	74.0	26.89	247	358
----- Vertical -----										
4	1821.875	45.90	30.49	5.69	34.59	47.49	74.0	26.51	250	0
5	3186.875	40.60	33.15	7.71	34.67	46.79	74.0	27.21	158	109
6	3905.625	36.80	33.48	8.90	33.67	45.51	74.0	28.49	240	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

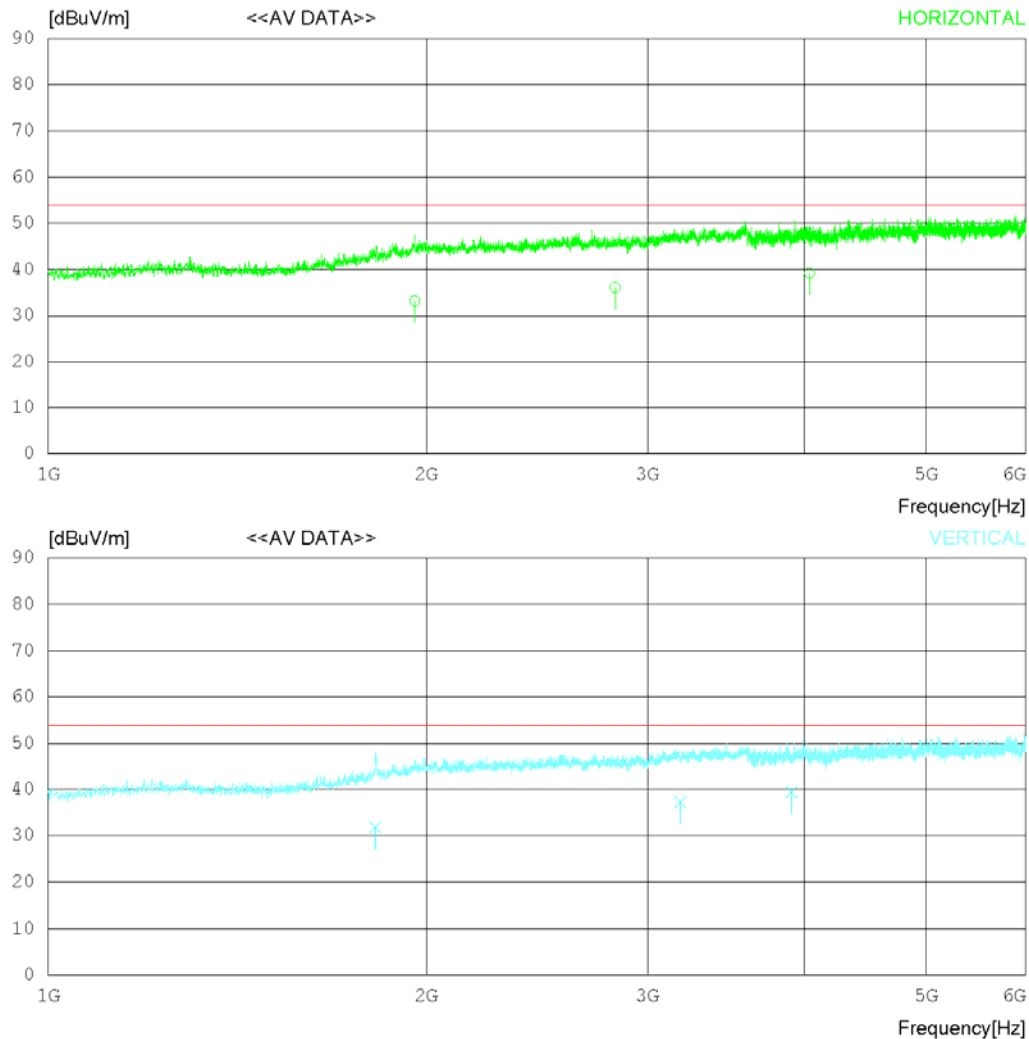
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	1958.144	30.10	31.52	6.02	34.40	33.24	54.00	20.76	120	113
2	2826.871	31.50	32.30	7.15	34.83	36.12	54.00	17.88	227	78
3	4036.211	30.60	33.23	8.97	33.59	39.21	54.00	14.79	134	124
----- Vertical -----										
4	1821.812	30.10	30.49	5.69	34.59	31.69	54.00	22.31	208	120
5	3186.110	31.10	33.14	7.71	34.67	37.28	54.00	16.72	127	134
6	3905.223	30.60	33.48	8.90	33.67	39.31	54.00	14.69	144	322

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

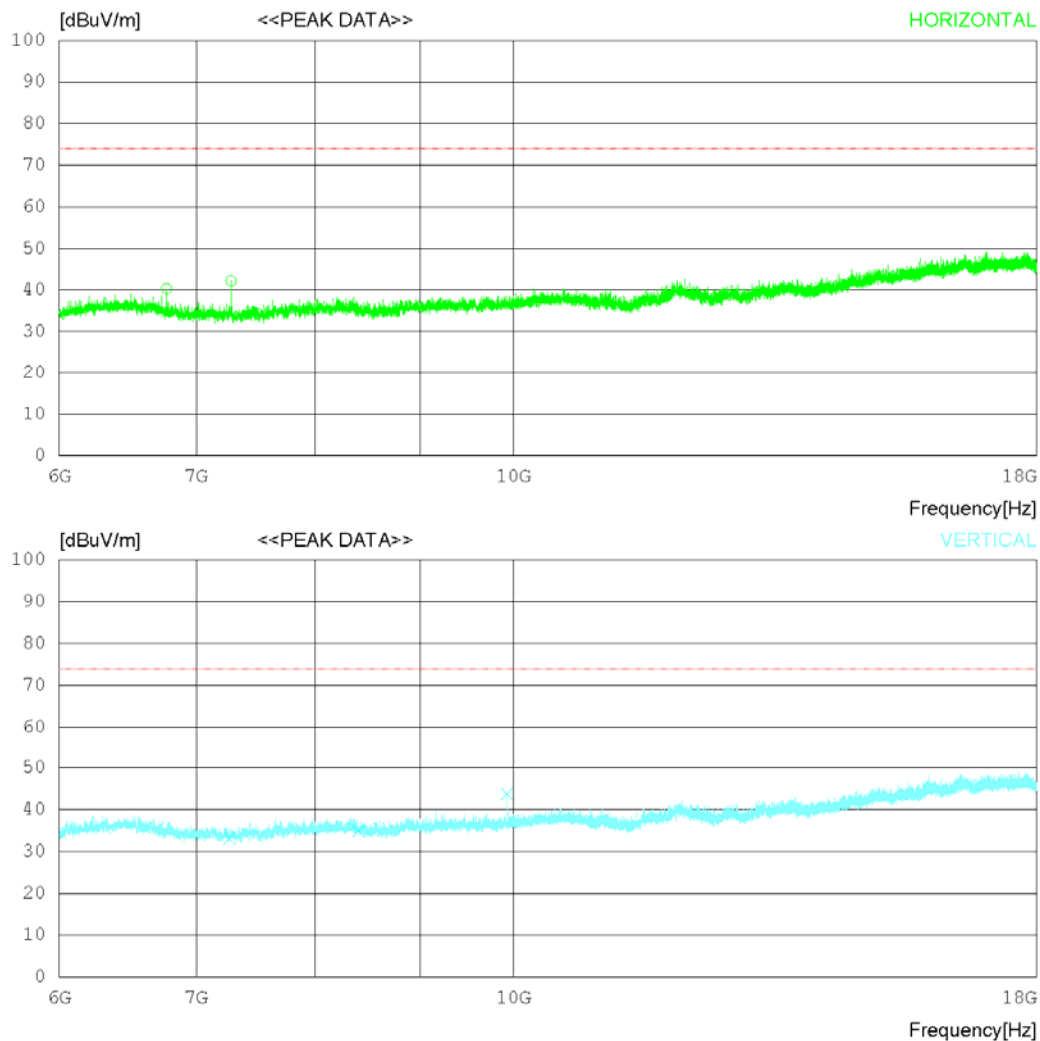
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	6770.250	36.10	31.51	11.23	38.51	40.33	74.0	33.67	152	166
2	7278.750	37.80	31.41	11.60	38.59	42.22	74.0	31.78	208	358
3	7497.750	29.40	31.38	11.87	38.32	34.33	74.0	39.67	124	227
----- Vertical -----										
4	7268.250	28.70	31.41	11.59	38.61	33.09	74.0	40.91	201	3
5	8406.000	28.00	31.62	12.95	37.65	34.92	74.0	39.08	125	358
6	9924.000	35.00	32.52	14.27	38.11	43.68	74.0	30.32	302	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

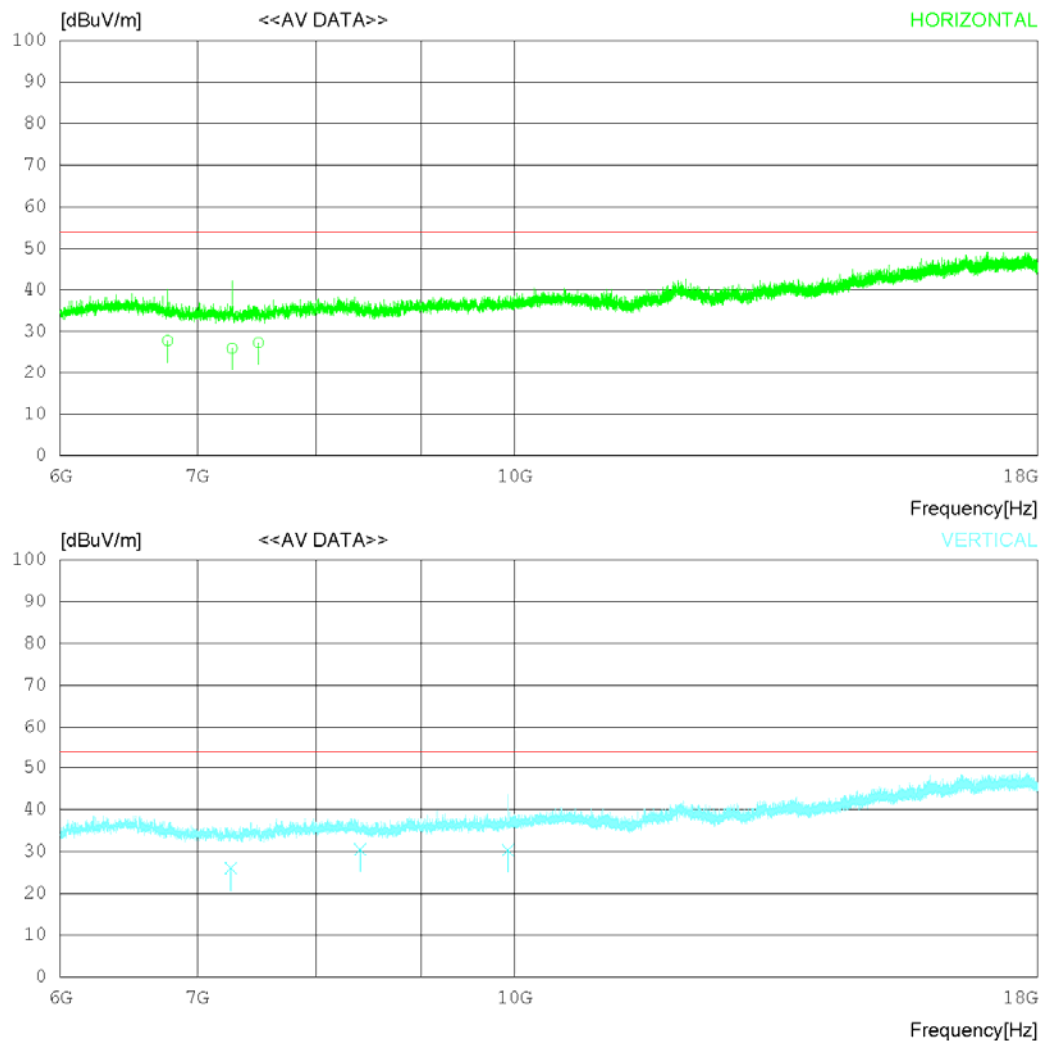
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 'C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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 [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	6770.214	23.60	31.51	11.23	38.51	27.83	54.00	26.17	120	162
2	7278.744	21.60	31.41	11.60	38.59	26.02	54.00	27.98	235	184
3	7497.266	22.40	31.38	11.87	38.32	27.33	54.00	26.67	177	217
----- Vertical -----										
4	7268.212	21.60	31.41	11.59	38.61	25.99	54.00	28.01	120	78
5	8406.302	23.60	31.63	12.95	37.65	30.53	54.00	23.47	272	114
6	9924.442	21.60	32.52	14.27	38.11	30.28	54.00	23.72	132	226

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

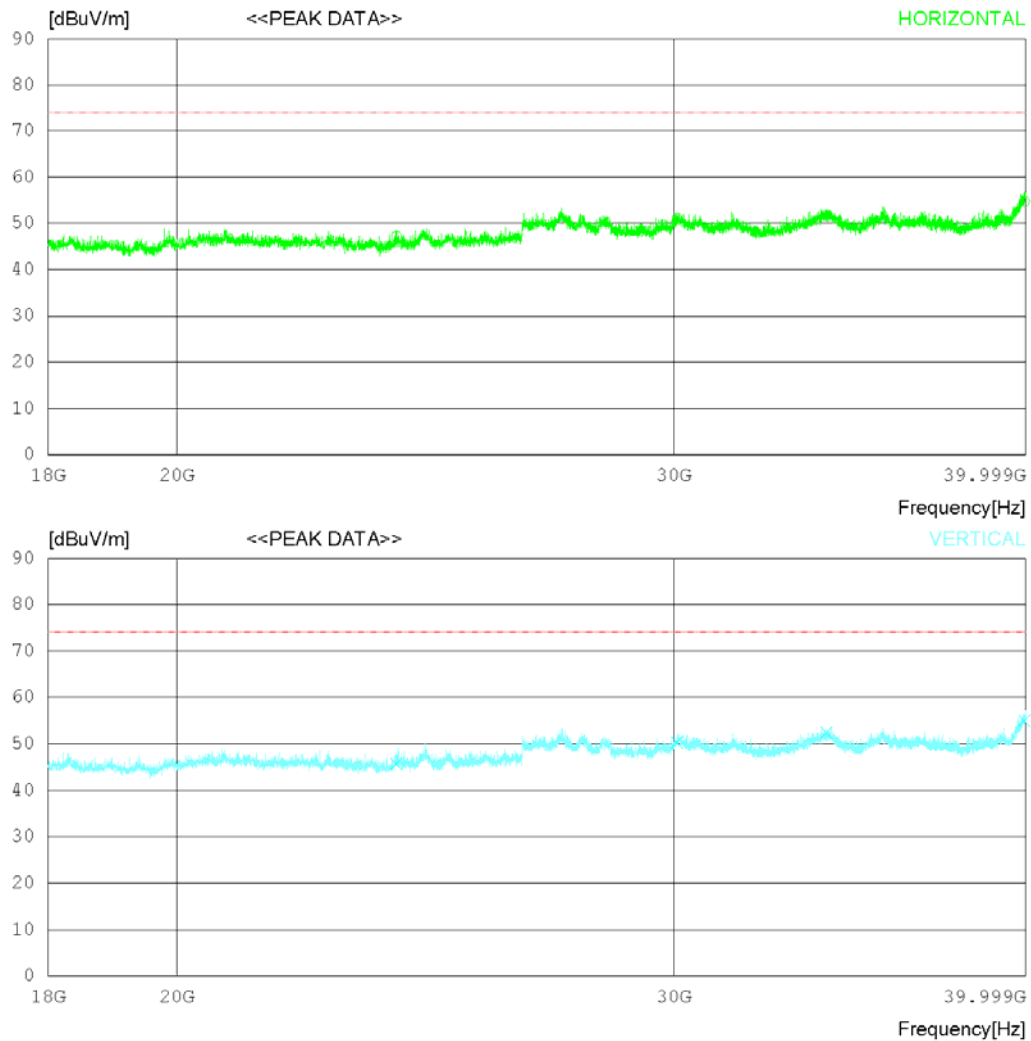
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	23923.50032.40	39.38	20.12	44.77	47.13	74.0	26.87	253	353	
2	30083.50035.30	40.32	21.84	46.50	50.96	74.0	23.04	215	196	
3	33991.25032.70	41.52	24.17	46.71	51.68	74.0	22.32	125	358	
4	39953.25034.20	43.41	23.96	46.86	54.71	74.0	19.29	224	22	
----- Vertical -----										
5	23923.50031.00	39.38	20.12	44.77	45.73	74.0	28.27	308	0	
6	30083.50034.60	40.32	21.84	46.50	50.26	74.0	23.74	240	0	
7	33991.25033.40	41.52	24.17	46.71	52.38	74.0	21.62	277	0	
8	39953.25034.40	43.41	23.96	46.86	54.91	74.0	19.09	325	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

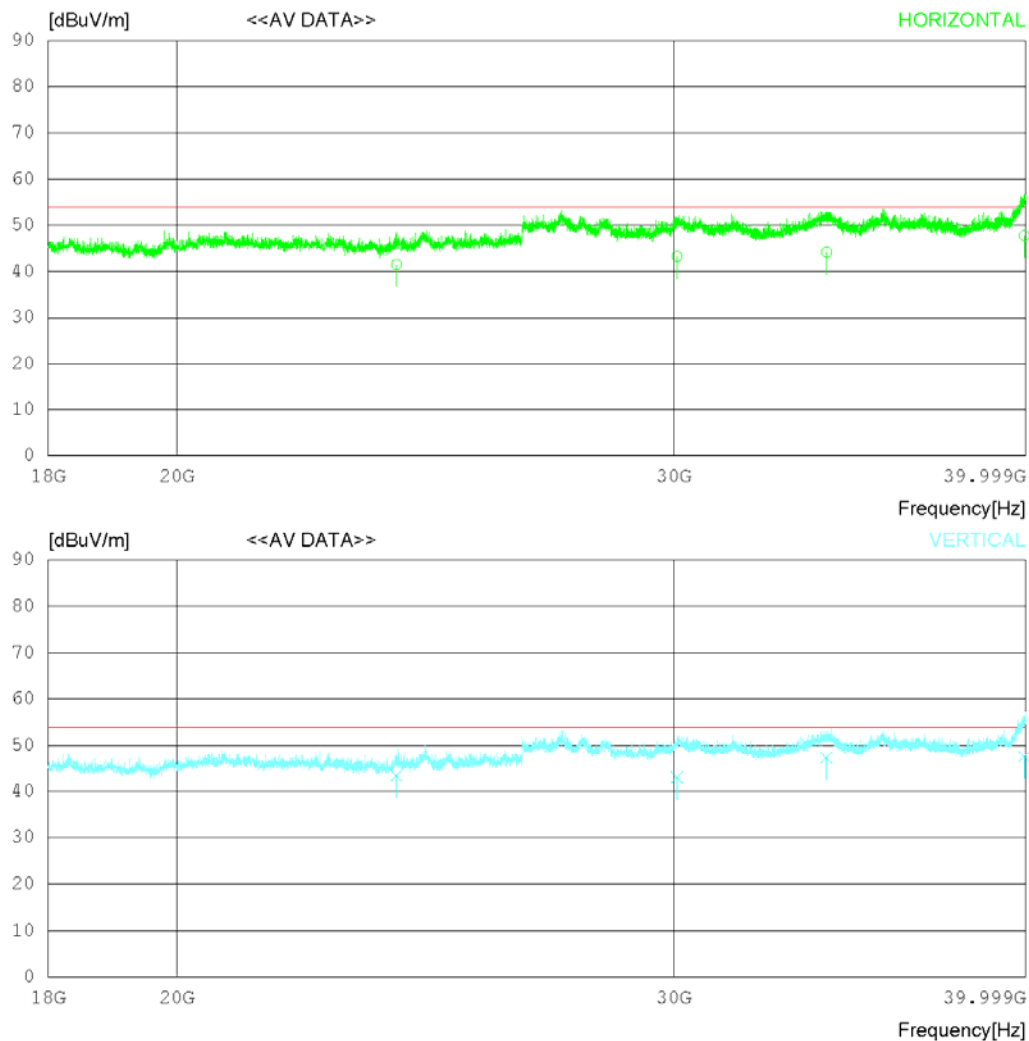
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	23923.54026.80		39.38	20.12	44.77	41.53	54.00	12.47	120	312
2	30083.51027.60		40.32	21.84	46.50	43.26	54.00	10.74	276	78
3	33991.28025.22		41.52	24.17	46.71	44.20	54.00	9.80	223	234
4	39953.22027.23		43.41	23.96	46.86	47.74	54.00	6.26	342	120
----- Vertical -----										
5	23923.51028.60		39.38	20.12	44.77	43.33	54.00	10.67	120	120
6	30083.00027.30		40.32	21.84	46.50	42.96	54.00	11.04	227	276
7	33991.27028.23		41.52	24.17	46.71	47.21	54.00	6.79	137	134
8	39953.21026.88		43.41	23.96	46.86	47.39	54.00	6.61	237	234

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	2	EUT Operation mode	2
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

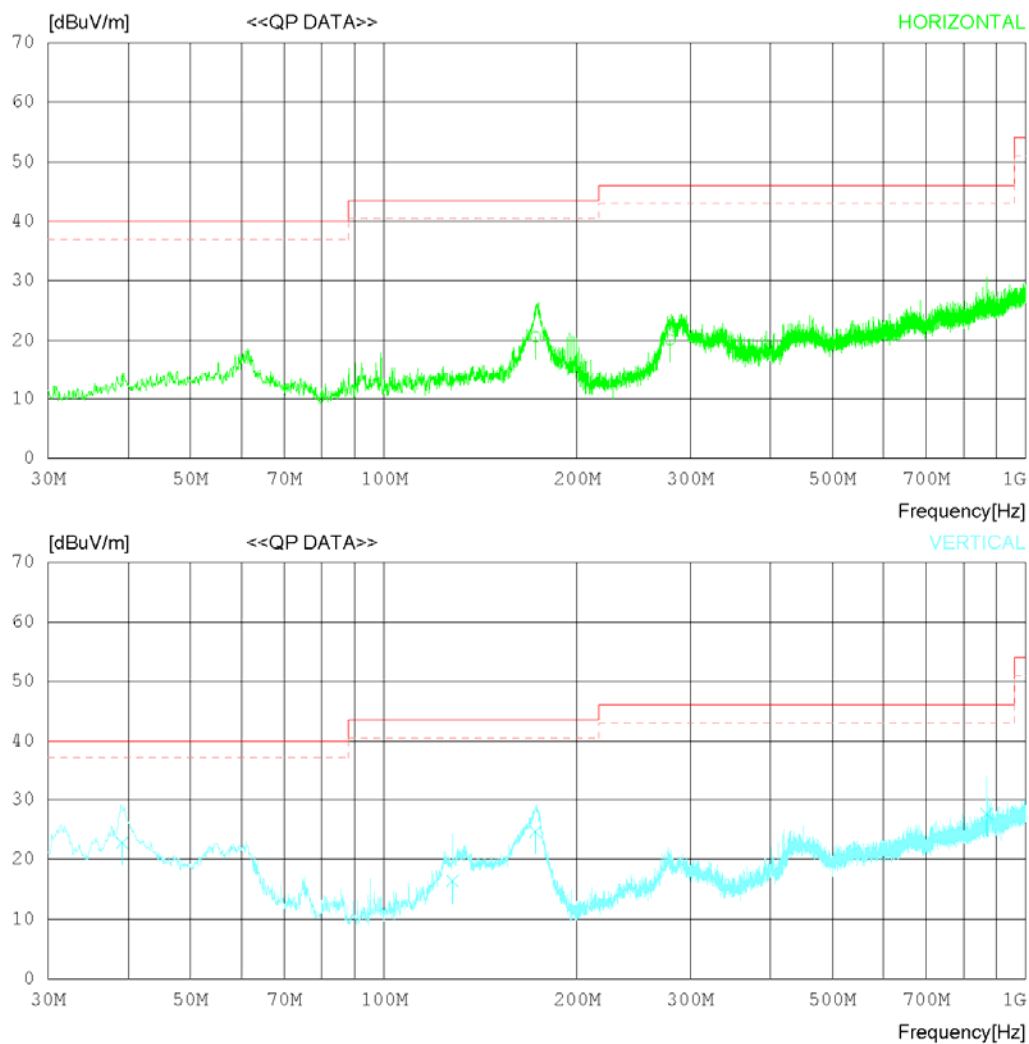
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	172.466	26.60	17.83	1.81	25.64	20.60	43.50	22.90	120	192
2	279.162	24.60	19.16	2.18	25.80	20.14	46.00	25.86	223	18
----- Vertical -----										
3	39.094	30.60	16.80	1.19	25.81	22.78	40.00	17.22	127	112
4	127.968	22.60	17.78	1.67	25.68	16.37	43.50	27.13	371	273
5	172.344	30.60	17.84	1.81	25.64	24.61	43.50	18.89	226	202
6	870.086	20.60	29.20	3.55	25.78	27.57	46.00	18.43	210	187

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

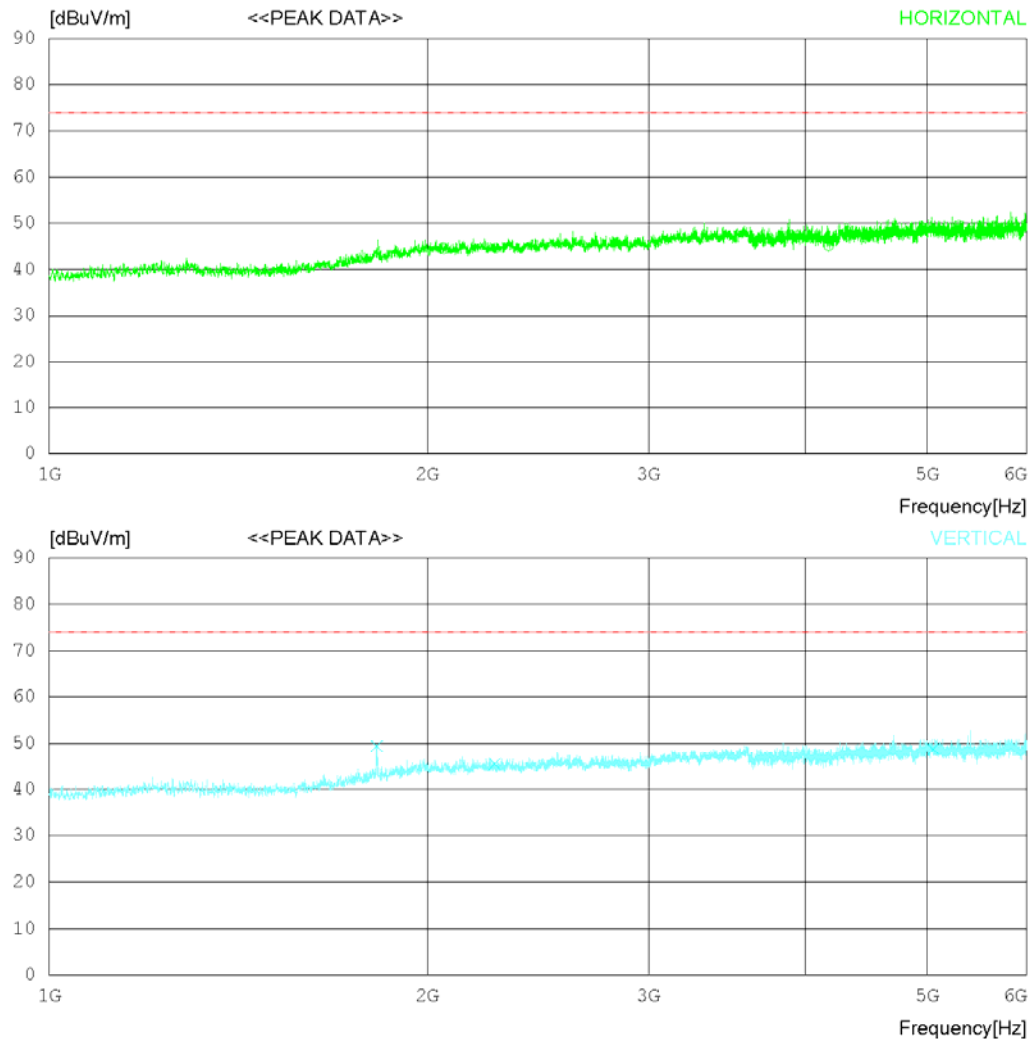
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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

No.	FREQ	READING PEAK	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	2060.000	41.00	31.70	6.21	34.38	44.53	74.0	29.47	125	358
2	4171.875	36.50	33.24	9.24	33.77	45.21	74.0	28.79	225	155
3	5296.250	39.20	34.39	10.74	34.90	49.43	74.0	24.57	272	358
----- Vertical -----										
4	1822.500	47.80	30.49	5.69	34.59	49.39	74.0	24.61	150	0
5	2263.750	41.90	31.53	6.49	34.50	45.42	74.0	28.58	240	0
6	5058.125	38.70	34.18	10.71	34.87	48.72	74.0	25.28	160	77

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

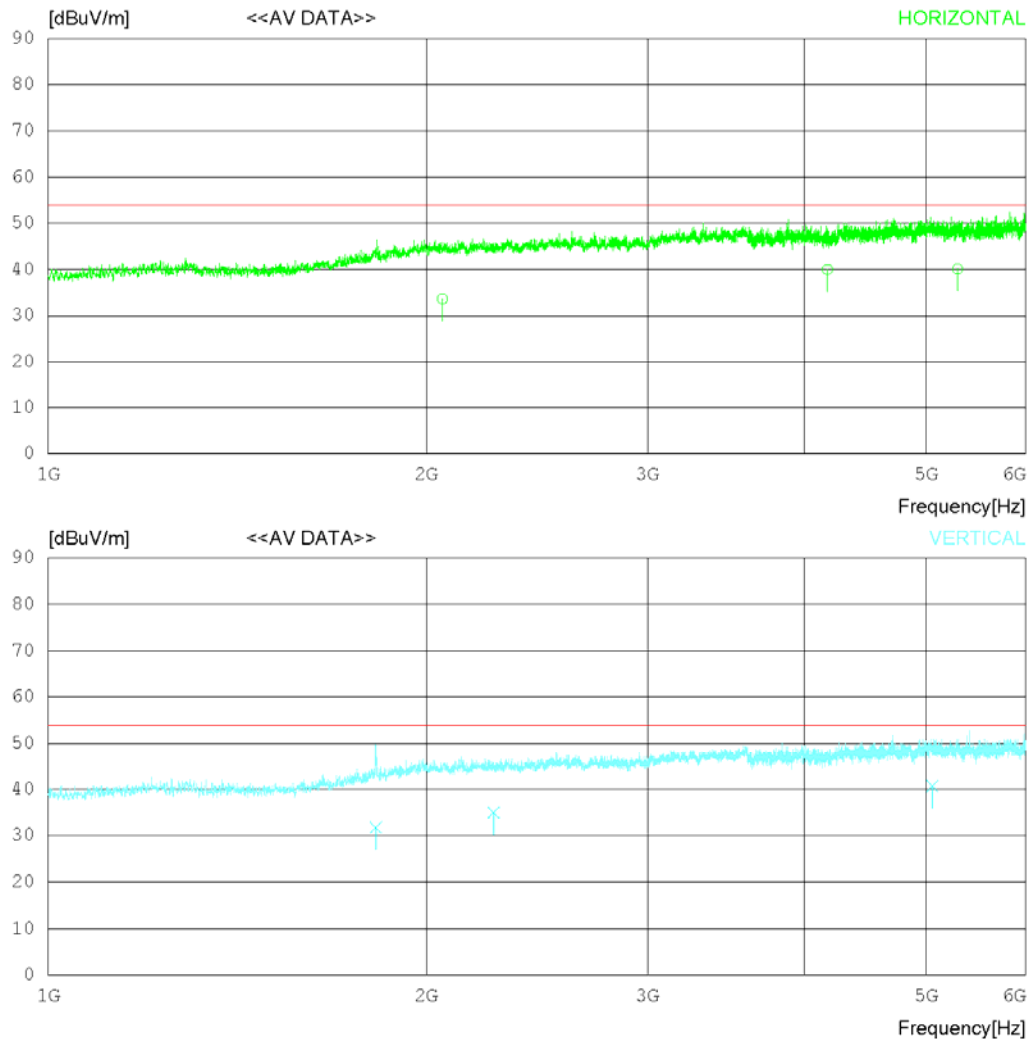
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	2060.040	30.10	31.70	6.21	34.38	33.63	54.00	20.37	120	134
2	4171.811	31.30	33.24	9.24	33.77	40.01	54.00	13.99	272	330
3	5296.261	29.90	34.39	10.74	34.90	40.13	54.00	13.87	343	124
----- Vertical -----										
4	1822.544	30.10	30.49	5.69	34.59	31.69	54.00	22.31	114	273
5	2263.711	31.40	31.53	6.49	34.50	34.92	54.00	19.08	208	120
6	5058.144	30.60	34.18	10.71	34.87	40.62	54.00	13.38	120	134

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

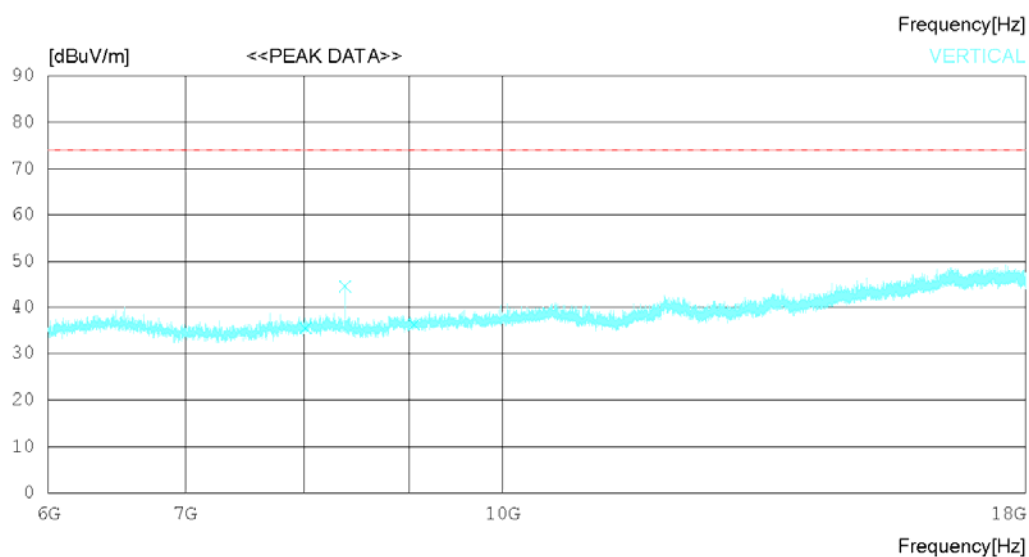
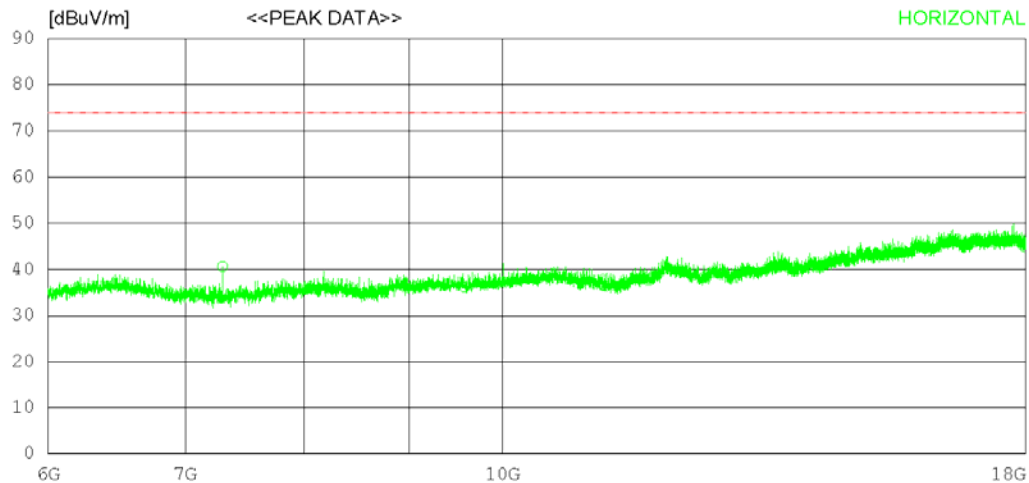
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	7297.500	36.20	31.41	11.63	38.57	40.67	74.0	33.33	125	358
2	9579.000	28.50	32.36	14.35	39.02	36.19	74.0	37.81	247	289
3	11223.000	27.20	32.64	14.87	38.28	36.43	74.0	37.57	277	358
----- Vertical -----										
4	8015.250	29.70	31.31	12.28	37.87	35.42	74.0	38.58	302	262
5	8377.500	37.60	31.60	12.93	37.67	44.46	74.0	29.54	274	141
6	9052.500	29.50	32.12	13.49	38.96	36.15	74.0	37.85	215	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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

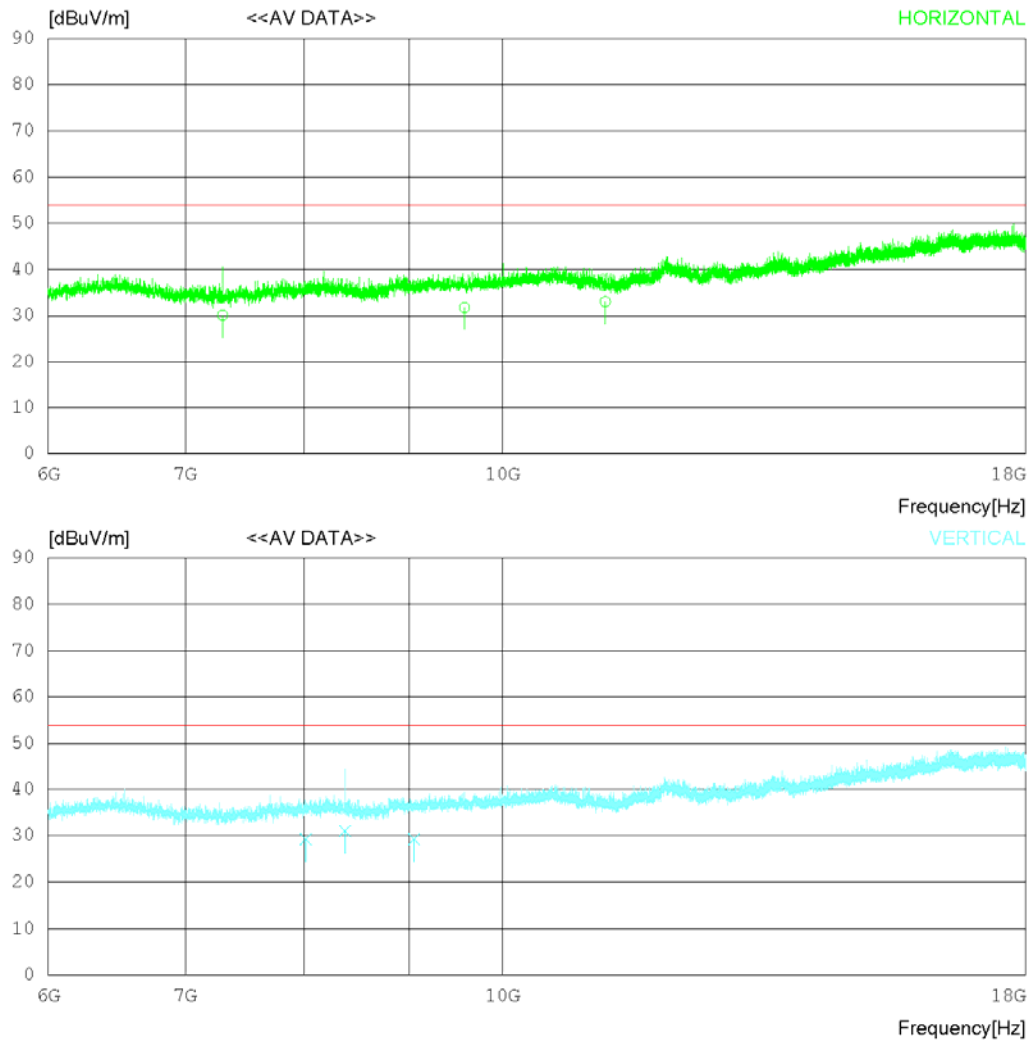
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	7297.510	25.60	31.41	11.63	38.57	30.07	54.00	23.93	120	78
2	9579.013	24.10	32.36	14.35	39.02	31.79	54.00	22.21	224	214
3	11223.080	23.80	32.64	14.87	38.28	33.03	54.00	20.97	137	132
----- Vertical -----										
4	8015.241	23.50	31.31	12.28	37.87	29.22	54.00	24.78	120	273
5	8377.512	24.10	31.60	12.93	37.67	30.96	54.00	23.04	272	129
6	9052.532	22.60	32.12	13.49	38.96	29.25	54.00	24.75	312	12

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

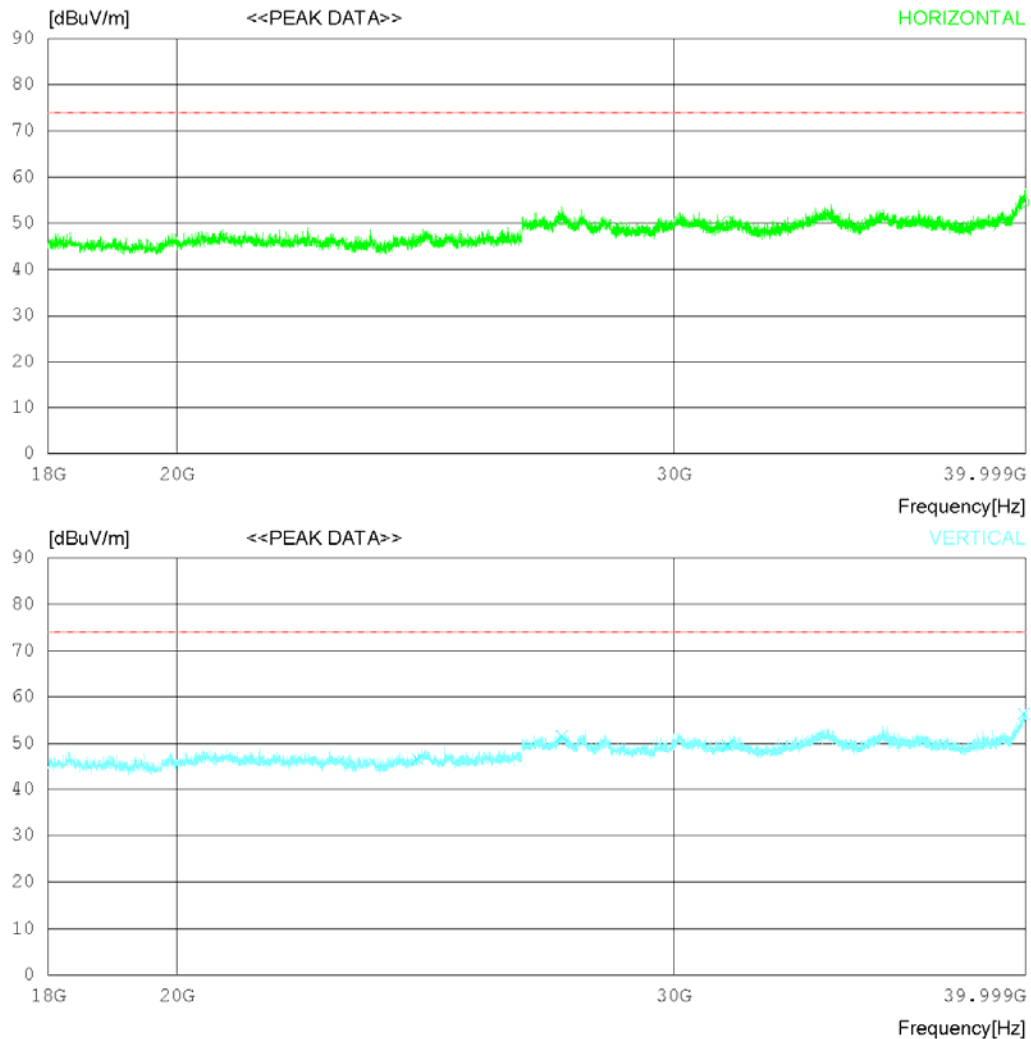
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	24336.00031.30	39.30	20.32	44.73	46.19	74.0	27.81	125	354	
2	27385.75036.20	38.80	21.09	45.41	50.68	74.0	23.32	125	358	
3	31351.25034.20	40.09	22.43	46.36	50.36	74.0	23.64	235	350	
4	39939.50034.20	43.35	23.98	46.94	54.59	74.0	19.41	247	358	
----- Vertical -----										
5	24336.00031.60	39.30	20.32	44.73	46.49	74.0	27.51	314	210	
6	27385.75037.10	38.80	21.09	45.41	51.58	74.0	22.42	320	0	
7	31351.25033.40	40.09	22.43	46.36	49.56	74.0	24.44	138	0	
8	39939.50036.00	43.35	23.98	46.94	56.39	74.0	17.61	248	13	

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

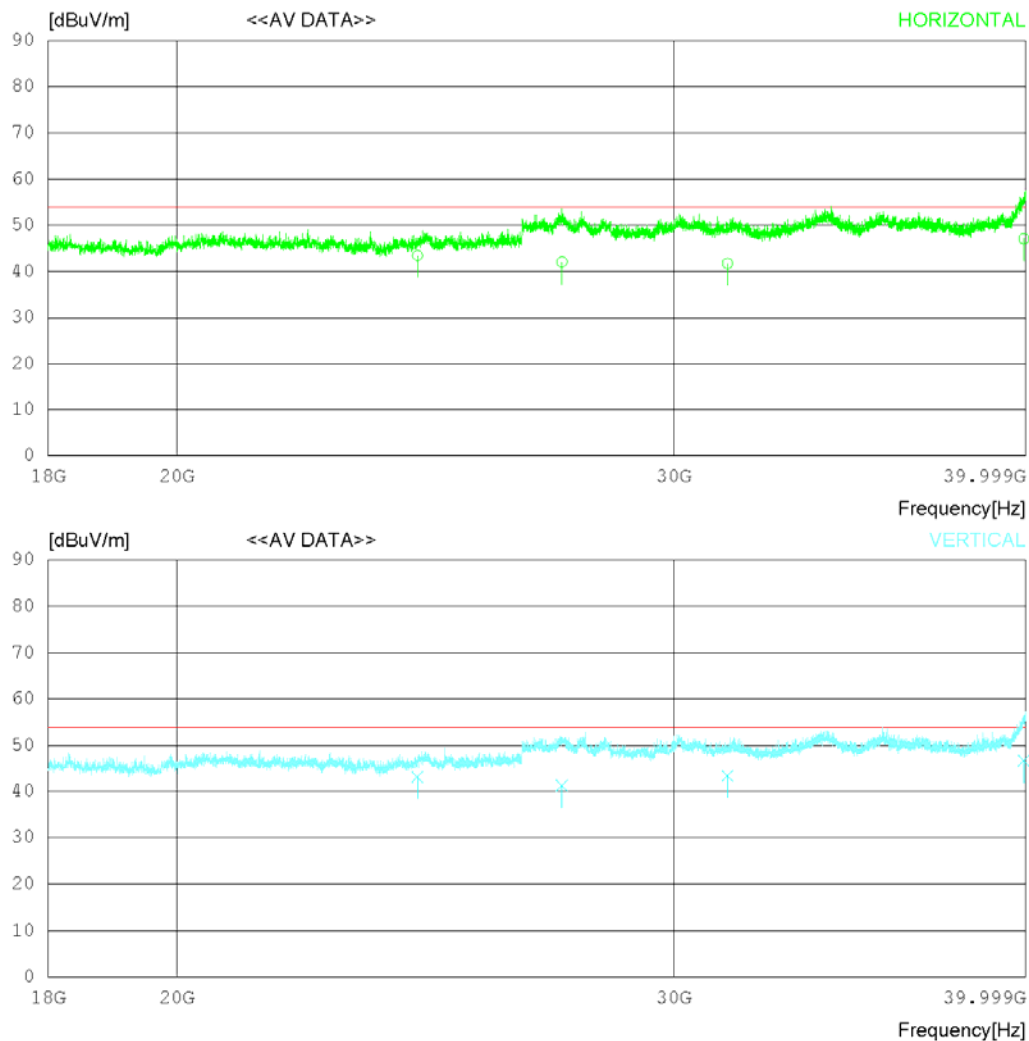
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 47 % R.H.
Test Condition REAR CAMERA+RADIO

Memo Aohai+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	24336.42028.60		39.30	20.32	44.73	43.49	54.00	10.51	124	134
2	27385.71027.60		38.80	21.09	45.41	42.08	54.00	11.92	320	208
3	31351.25025.60		40.09	22.43	46.36	41.76	54.00	12.24	314	176
4	39939.50026.70		43.35	23.98	46.94	47.09	54.00	6.91	272	135
----- Vertical -----										
5	24336.04028.20		39.30	20.32	44.73	43.09	54.00	10.91	134	120
6	27385.71026.60		38.80	21.09	45.41	41.08	54.00	12.92	124	172
7	31351.23027.10		40.09	22.43	46.36	43.26	54.00	10.74	308	221
8	39939.58026.10		43.35	23.98	46.94	46.49	54.00	7.51	277	173

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Cresyn

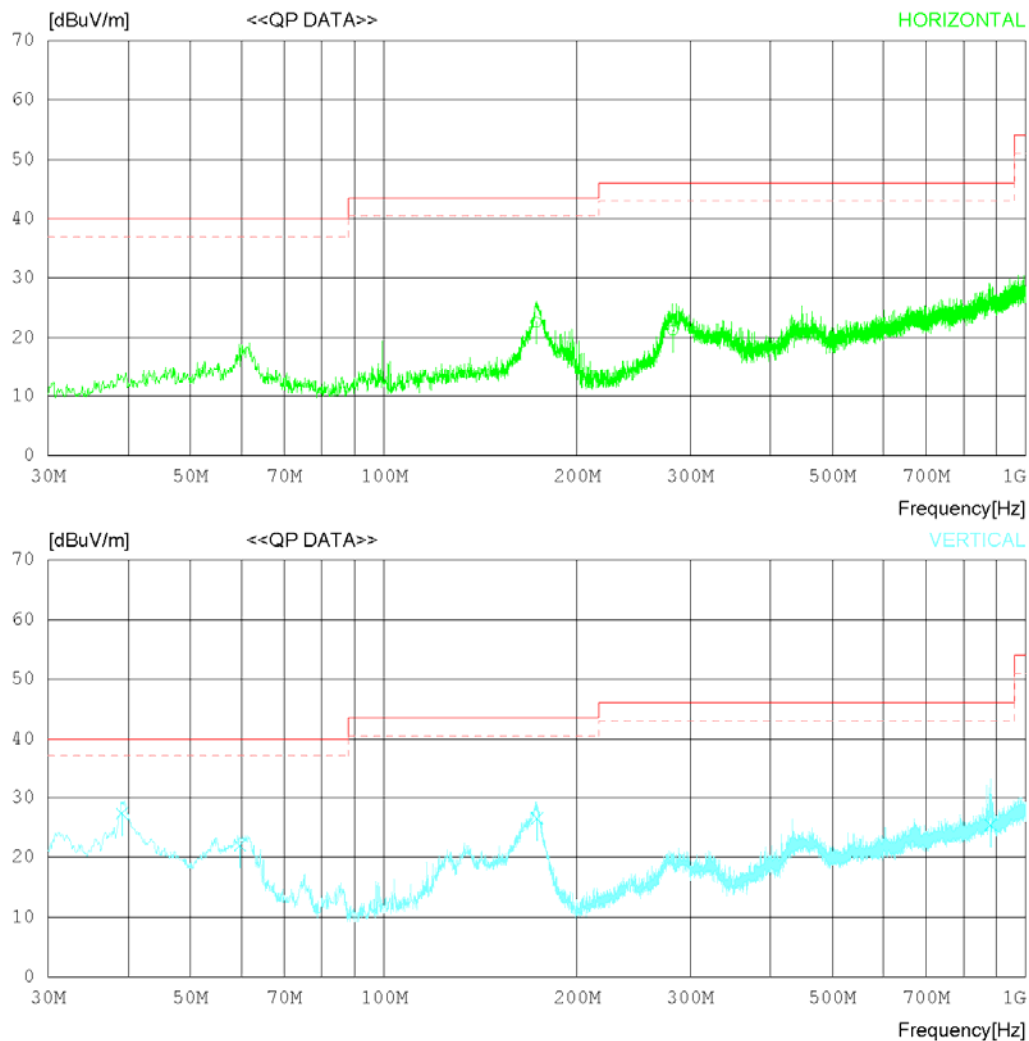
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE
Memo Aohai+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	172.587	28.60	17.82	1.81	25.64	22.59	43.50	20.91	134	120
2	281.830	25.60	19.25	2.20	25.80	21.25	46.00	24.75	274	175
----- Vertical -----										
3	39.094	35.20	16.80	1.19	25.81	27.38	40.00	12.62	124	114
4	59.706	28.60	17.90	1.29	25.78	22.01	40.00	17.99	134	274
5	173.193	32.60	17.75	1.81	25.64	26.52	43.50	16.98	227	231
6	881.365	18.60	29.13	3.52	25.81	25.44	46.00	20.56	164	78

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

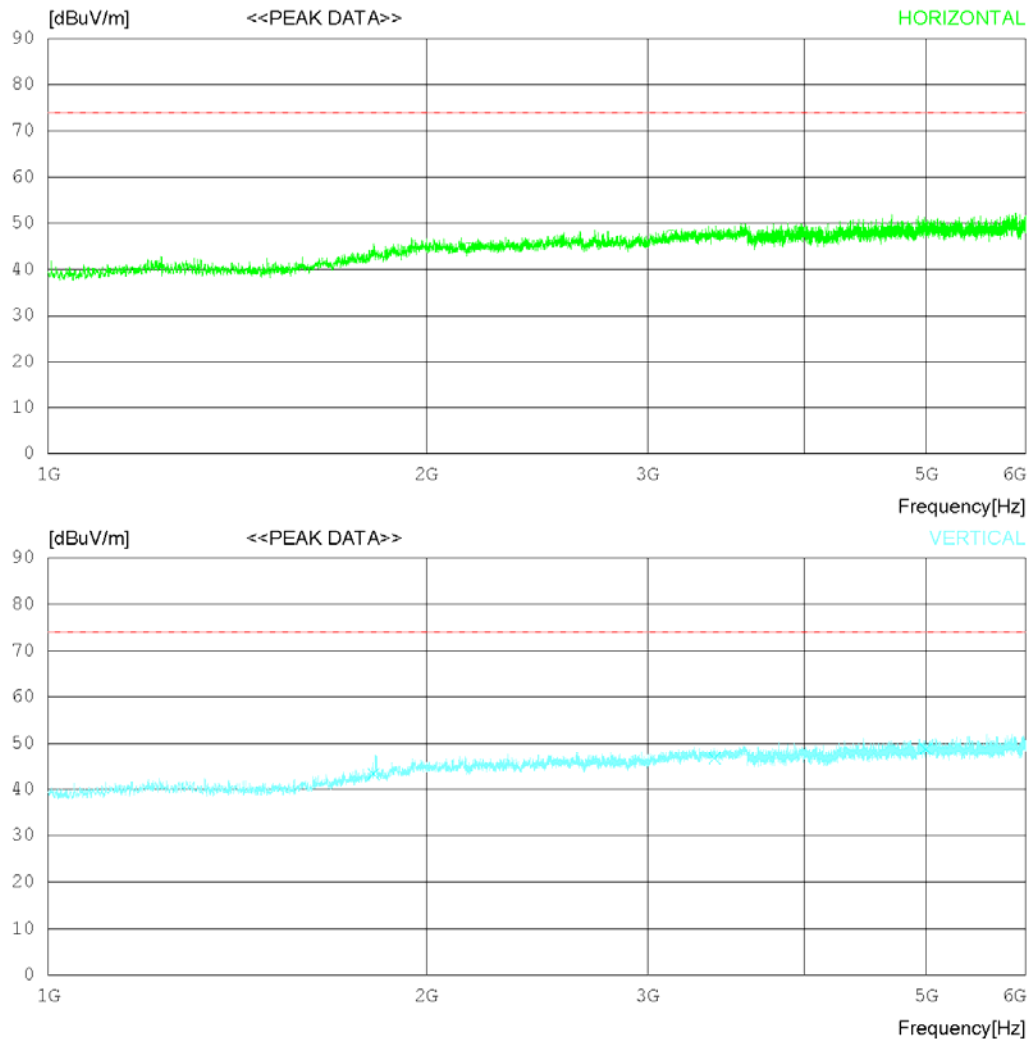
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	2160.000	41.10	31.70	6.36	34.43	44.73	74.0	29.27	150	130
2	3131.875	41.60	32.96	7.65	34.75	47.46	74.0	26.54	226	358
3	4579.375	38.70	33.96	10.02	34.30	48.38	74.0	25.62	247	358
----- Vertical -----										
4	1816.250	41.70	30.47	5.68	34.60	43.25	74.0	30.75	321	353
5	3392.500	40.10	32.80	8.04	34.38	46.56	74.0	27.44	324	0
6	4996.250	38.80	34.11	10.72	34.86	48.77	74.0	25.23	227	306

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

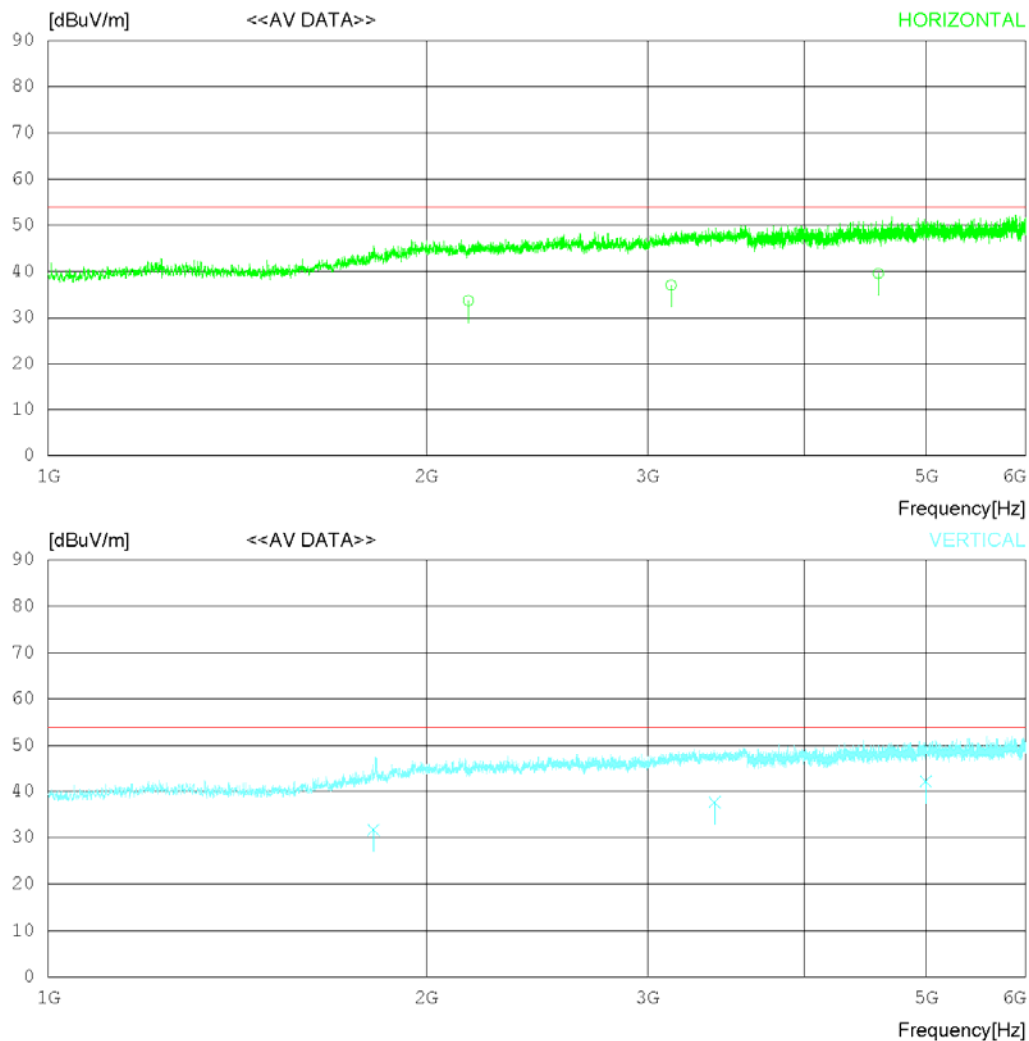
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	2160.044	30.10	31.70	6.36	34.43	33.73	54.00	20.27	203	120
2	3131.811	31.20	32.96	7.65	34.75	37.06	54.00	16.94	120	272
3	4579.335	29.90	33.96	10.02	34.30	39.58	54.00	14.42	177	134
----- Vertical -----										
4	1816.420	30.10	30.47	5.68	34.60	31.65	54.00	22.35	134	120
5	3392.511	31.10	32.80	8.04	34.38	37.56	54.00	16.44	113	27
6	4996.253	32.10	34.11	10.72	34.86	42.07	54.00	11.93	202	112

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

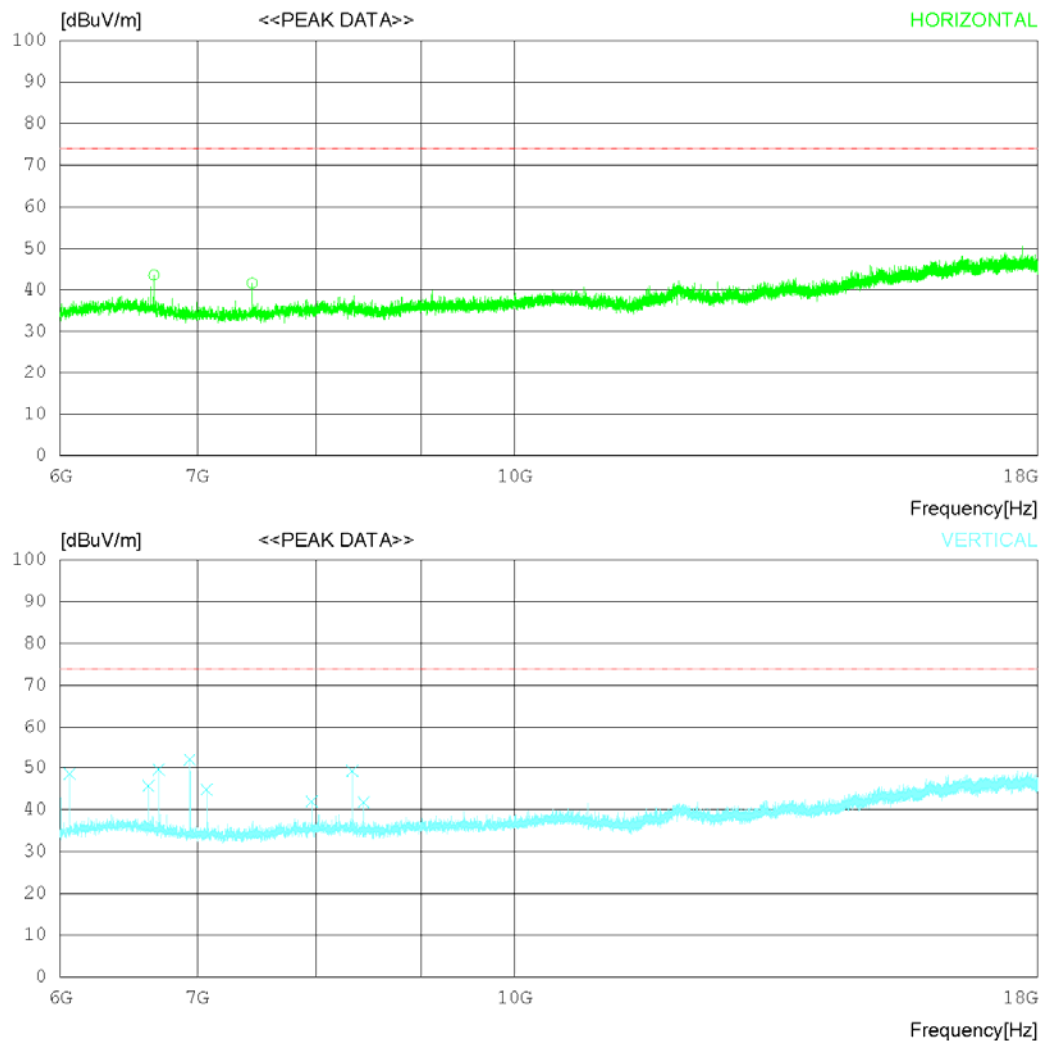
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition IDLE

Memo Aohai+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	6666.000	39.30	31.54	11.22	38.46	43.60	74.0	30.4	125	264
2	7443.750	36.80	31.38	11.82	38.38	41.62	74.0	32.38	118	283
----- Vertical -----										
3	6064.500	45.40	31.70	10.74	39.23	48.61	74.0	25.39	120	282
4	6626.250	41.30	31.55	11.22	38.44	45.63	74.0	28.37	209	358
5	6703.500	45.30	31.53	11.23	38.48	49.58	74.0	24.42	325	358
6	6942.000	47.50	31.47	11.61	38.65	51.93	74.0	22.07	252	358
7	7074.000	40.40	31.44	11.67	38.71	44.80	74.0	29.2	125	358
8	7961.250	36.20	31.31	12.31	37.93	41.89	74.0	32.11	144	358
9	8332.500	42.50	31.57	12.88	37.69	49.26	74.0	24.74	245	358
10	8439.000	34.70	31.65	12.94	37.63	41.66	74.0	32.34	235	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

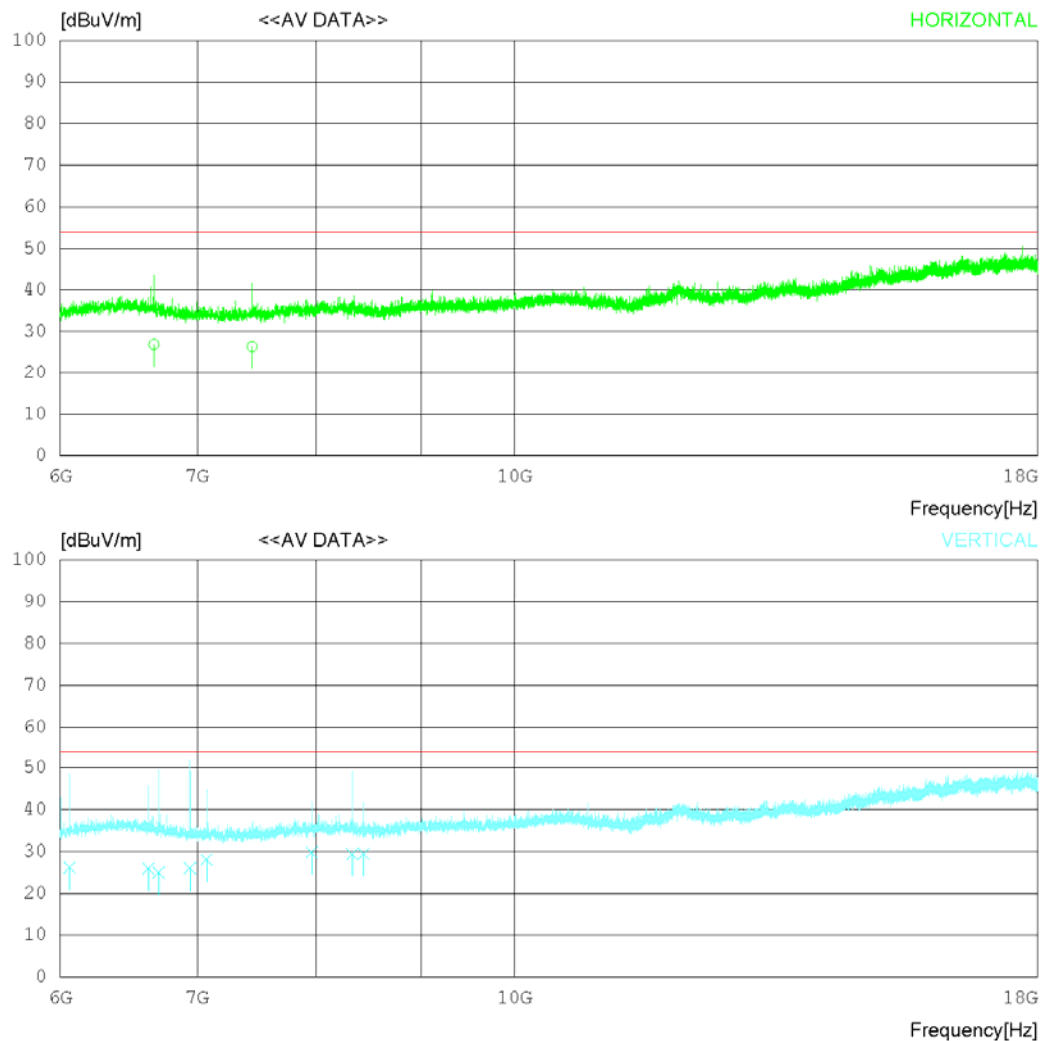
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition IDLE

Memo Aohai+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	6666.042	22.60	31.54	11.22	38.46	26.90	54.00	27.10	120	264
2	7443.132	21.60	31.38	11.82	38.38	26.42	54.00	27.58	234	113
----- Vertical -----										
3	6064.240	23.00	31.70	10.74	39.23	26.21	54.00	27.79	120	282
4	6626.211	21.56	31.55	11.22	38.44	25.89	54.00	28.11	227	234
5	6703.443	20.67	31.53	11.23	38.48	24.95	54.00	29.05	324	124
6	6942.721	21.60	31.47	11.61	38.66	26.02	54.00	27.98	223	121
7	7074.011	23.66	31.44	11.67	38.71	28.06	54.00	25.94	124	205
8	7961.414	24.10	31.31	12.31	37.93	29.79	54.00	24.21	142	267
9	8332.566	22.60	31.57	12.88	37.69	29.36	54.00	24.64	308	114
10	8439.078	22.40	31.65	12.94	37.63	29.36	54.00	24.64	143	168

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

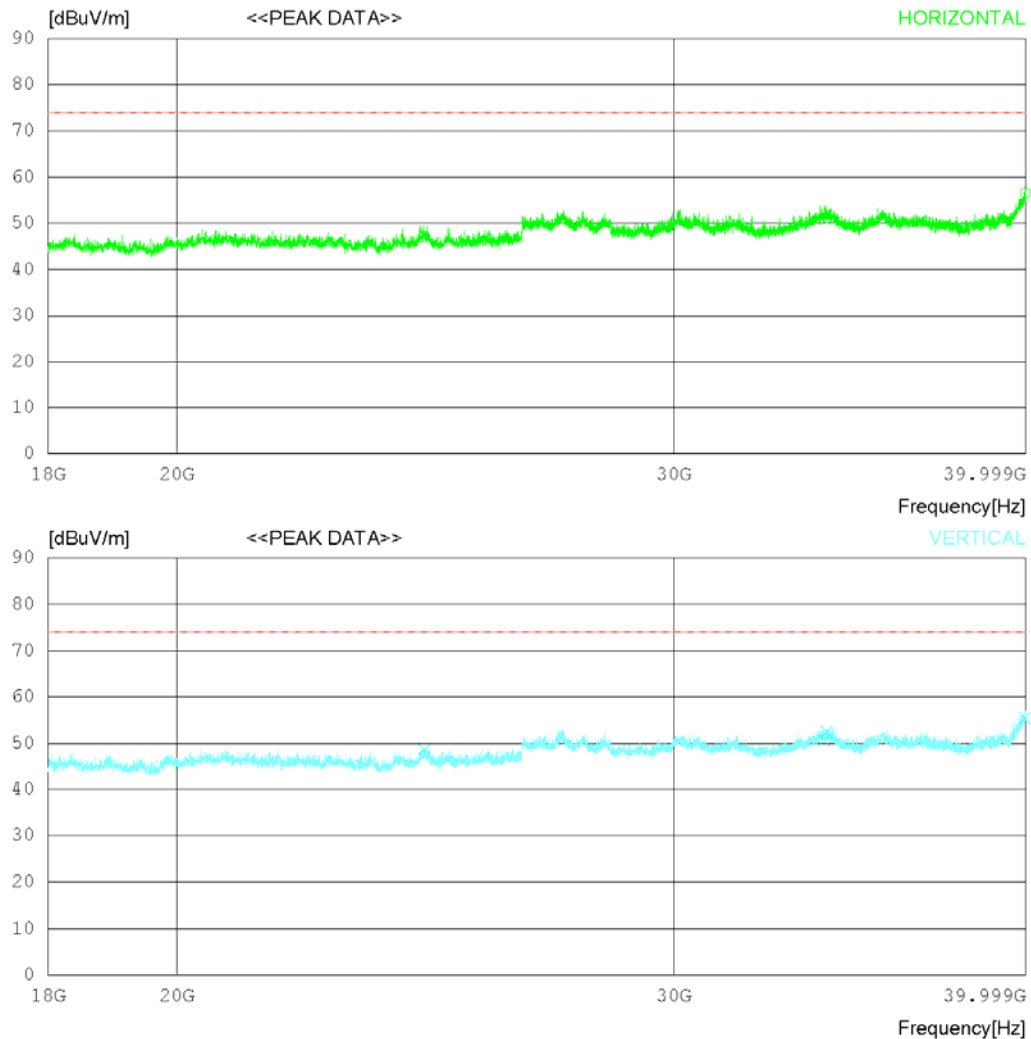
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+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	24473.50032.20	39.20	20.39	44.71	47.08	74.0	26.92	124	14	
2	33933.50032.90	41.43	24.12	46.74	51.71	74.0	22.29	208	310	
3	33994.00032.20	41.52	24.17	46.70	51.19	74.0	22.81	225	358	
4	39986.25035.80	43.53	23.92	46.68	56.57	74.0	17.43	170	71	
----- Vertical -----										
5	24473.50033.80	39.20	20.39	44.71	48.68	74.0	25.32	125	169	
6	33933.50031.90	41.43	24.12	46.74	50.71	74.0	23.29	246	0	
7	33994.00033.60	41.52	24.17	46.70	52.59	74.0	21.41	162	353	
8	39986.25034.70	43.53	23.92	46.68	55.47	74.0	18.53	177	55	

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

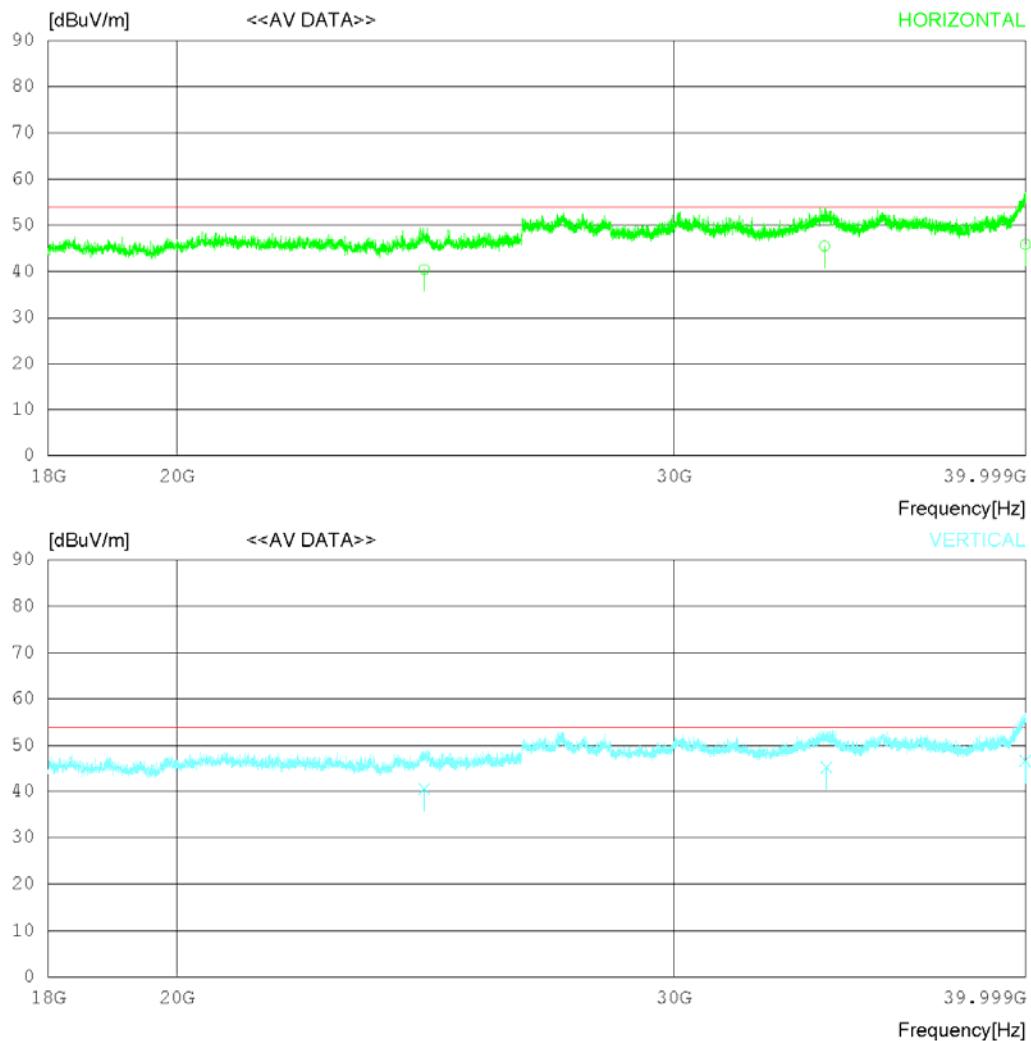
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+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	24473.51025.60	39.20	20.39	44.71	40.48	54.00	13.52	120	124	
2	33933.57026.70	41.43	24.12	46.74	45.51	54.00	8.49	276	308	
3	39986.21025.10	43.53	23.92	46.68	45.87	54.00	8.13	304	127	
----- Vertical -----										
4	24473.52025.60	39.20	20.39	44.71	40.48	54.00	13.52	237	124	
5	33994.72026.10	41.52	24.17	46.70	45.09	54.00	8.91	134	136	
6	39986.21025.70	43.53	23.92	46.68	46.47	54.00	7.53	163	247	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	Aohai	Ear-Mic	Bujeon

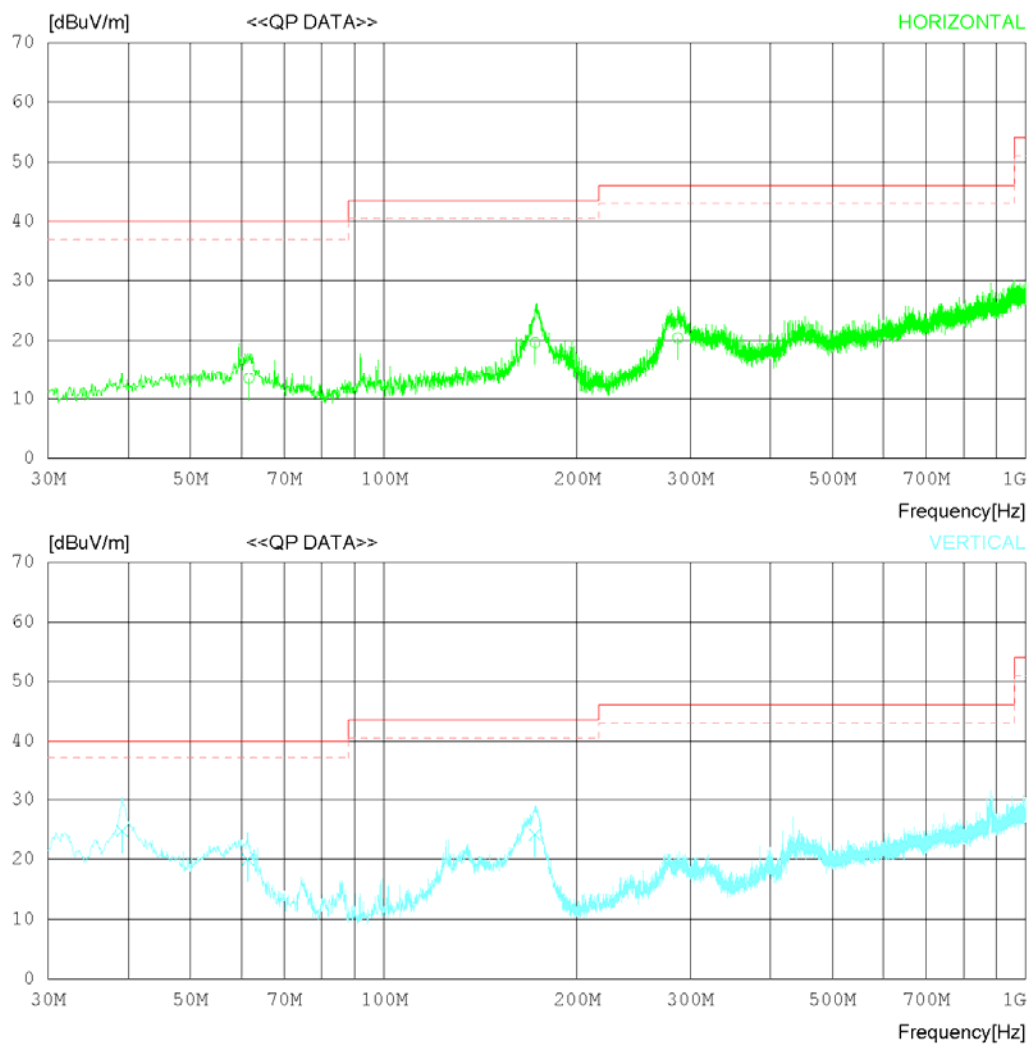
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	61.646	20.10	17.90	1.29	25.78	13.51	40.00	26.49	120	78
2	171.981	25.60	17.88	1.81	25.64	19.65	43.50	23.85	227	186
3	287.043	24.60	19.41	2.21	25.81	20.41	46.00	25.59	134	302
----- Vertical -----										
4	39.094	32.60	16.80	1.19	25.81	24.78	40.00	15.22	127	312
5	61.404	26.60	17.90	1.29	25.78	20.01	40.00	19.99	208	136
6	171.981	30.11	17.88	1.81	25.64	24.16	43.50	19.34	344	148

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

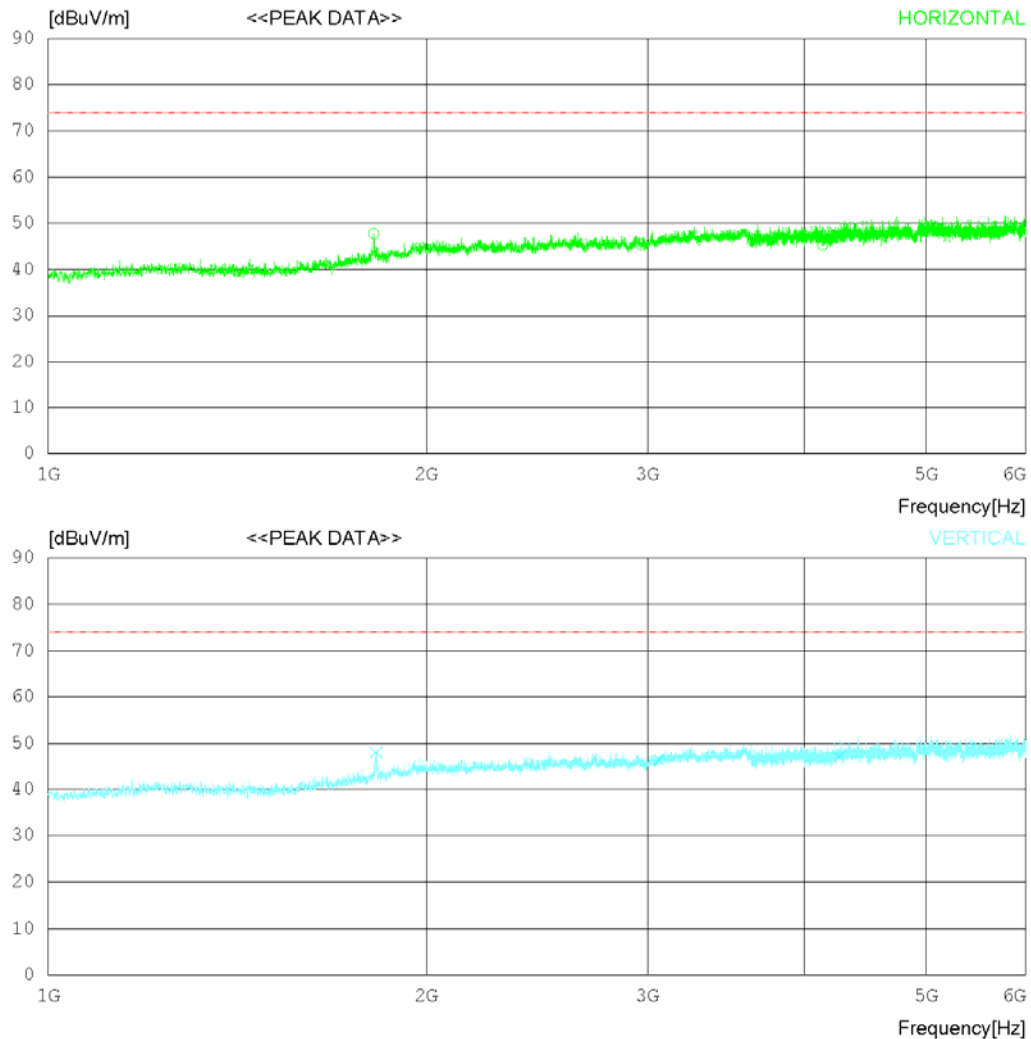
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	1816.250	46.20	30.47	5.68	34.60	47.75	74.0	26.25	246	358
2	2964.375	40.40	32.43	7.43	34.91	45.35	74.0	28.65	224	358
3	4133.750	36.60	33.20	9.16	33.72	45.24	74.0	28.76	234	149
----- Vertical -----										
4	1825.000	46.40	30.50	5.69	34.59	48.00	74.0	26	272	126
5	3064.375	40.70	32.76	7.58	34.84	46.20	74.0	27.8	120	15
6	4263.750	37.80	33.53	9.46	33.89	46.90	74.0	27.1	253	275

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

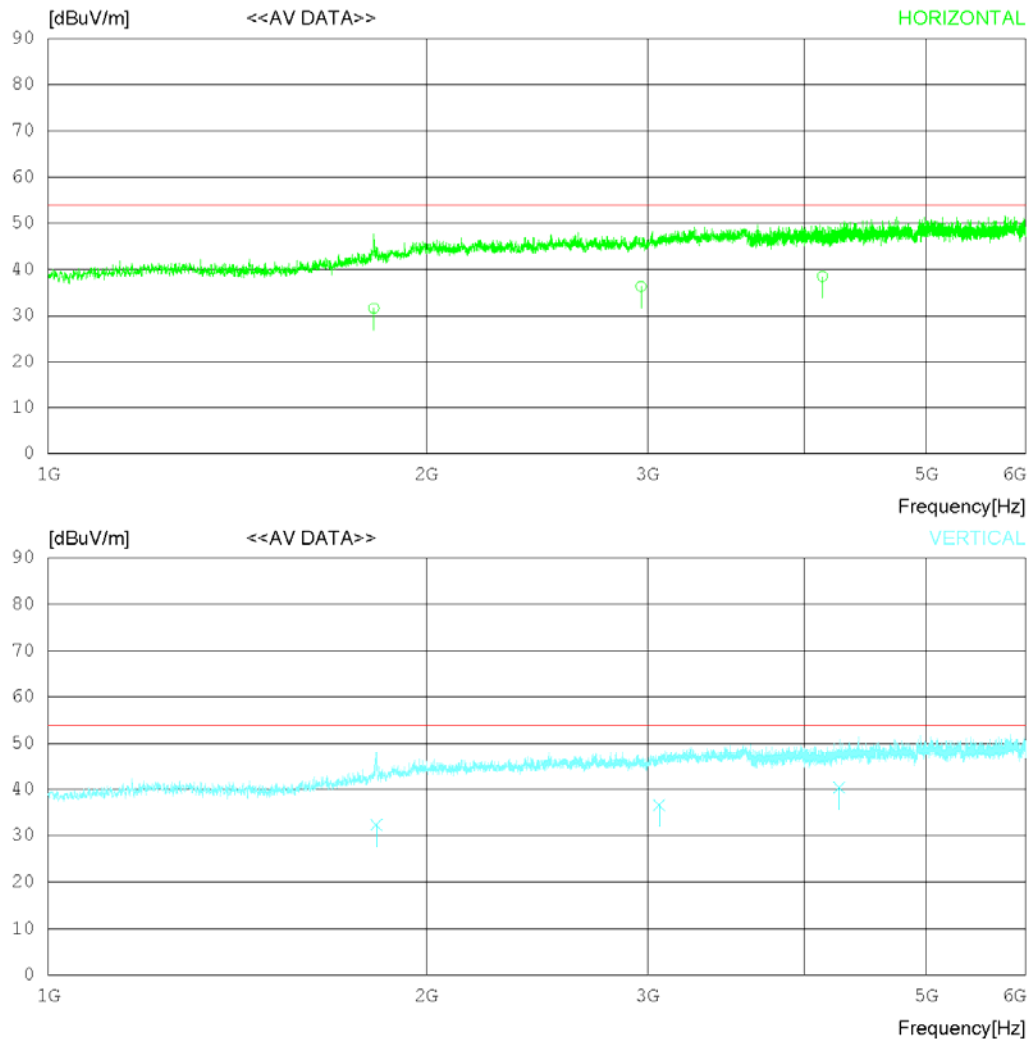
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	1816.244	30.10	30.46	5.68	34.60	31.64	54.00	22.36	308	124
2	2964.311	31.40	32.43	7.43	34.91	36.35	54.00	17.65	177	344
3	4133.724	29.90	33.20	9.16	33.72	38.54	54.00	15.46	127	132
----- Vertical -----										
4	1825.024	30.60	30.50	5.69	34.59	32.20	54.00	21.80	124	308
5	3064.311	31.10	32.76	7.58	34.84	36.60	54.00	17.40	227	214
6	4263.744	31.20	33.53	9.46	33.89	40.30	54.00	13.70	134	112

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

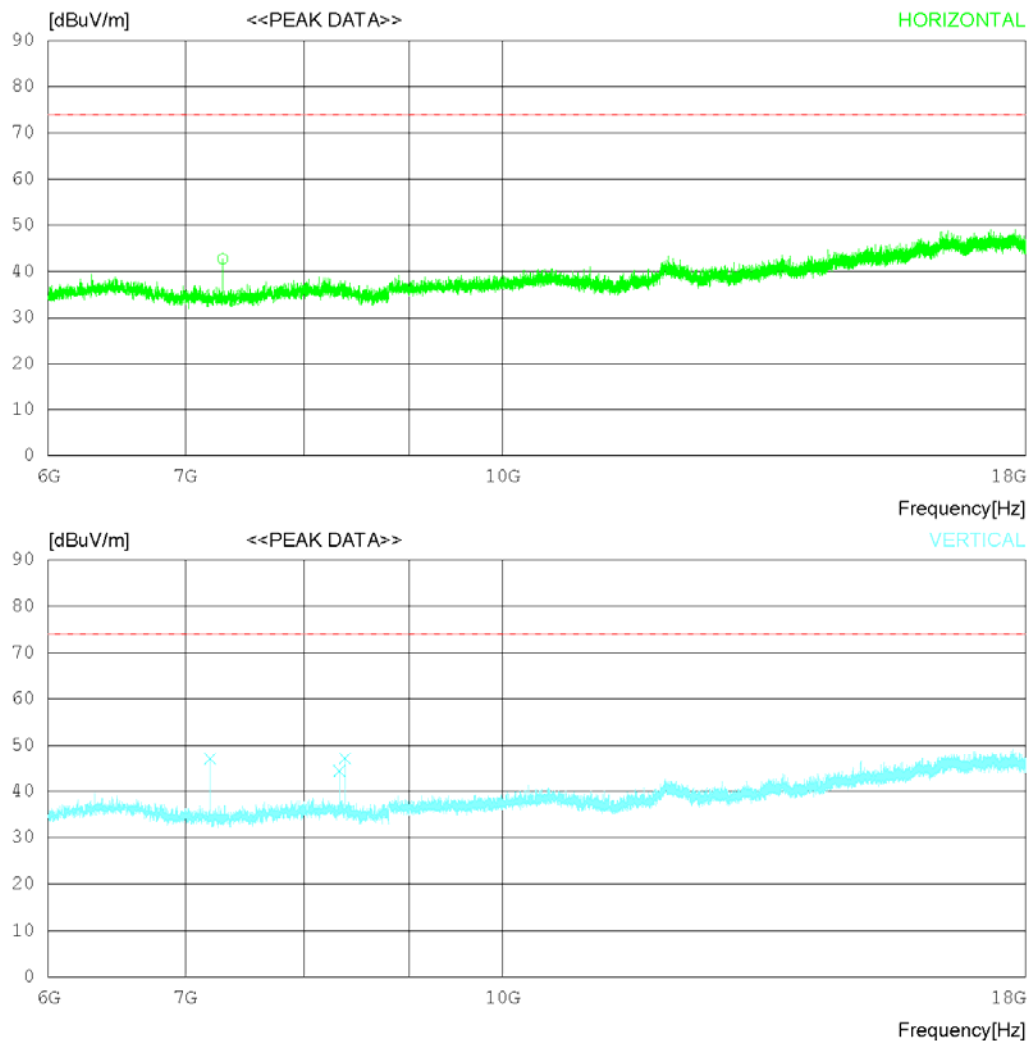
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	7300.500	38.30	31.40	11.63	38.56	42.77	74.0	31.23	125	358
2	7423.500	29.30	31.39	11.79	38.40	34.08	74.0	39.92	325	357
3	10649.250	29.20	32.46	14.73	38.12	38.27	74.0	35.73	142	358
----- Vertical -----										
4	7197.750	42.70	31.42	11.49	38.70	46.91	74.0	27.09	224	231
5	8322.750	37.60	31.56	12.86	37.70	44.32	74.0	29.68	124	358
6	8376.750	40.10	31.60	12.93	37.67	46.96	74.0	27.04	205	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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

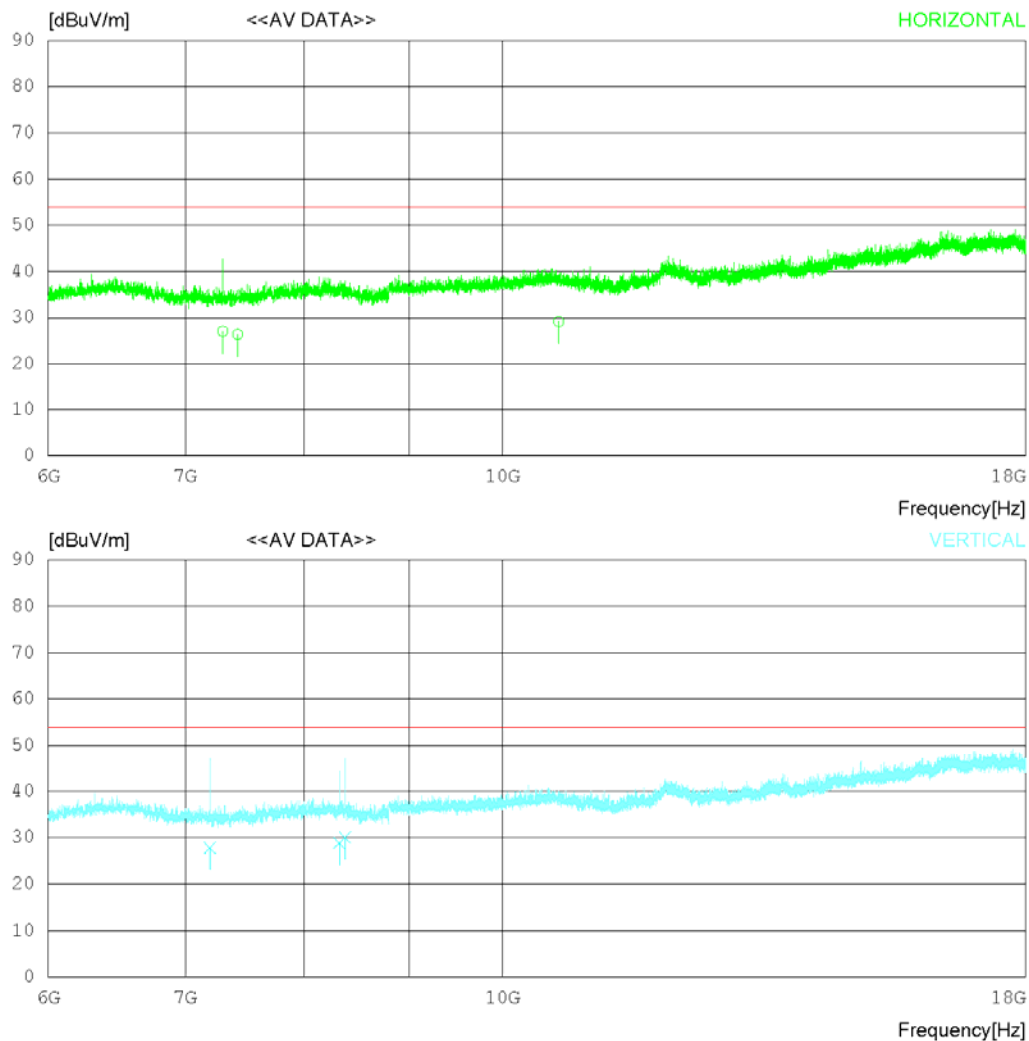
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition IDLE

Memo Aohai+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	7300.514	22.60	31.40	11.63	38.56	27.07	54.00	26.93	146	120
2	7423.413	21.60	31.39	11.79	38.40	26.38	54.00	27.62	242	308
3	10649.210	20.10	32.46	14.73	38.12	29.17	54.00	24.83	134	114
----- Vertical -----										
4	7197.112	23.60	31.42	11.49	38.70	27.81	54.00	26.19	120	38
5	8322.744	22.07	31.56	12.86	37.70	28.79	54.00	25.21	273	321
6	8376.320	23.14	31.60	12.93	37.67	30.00	54.00	24.00	134	113

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

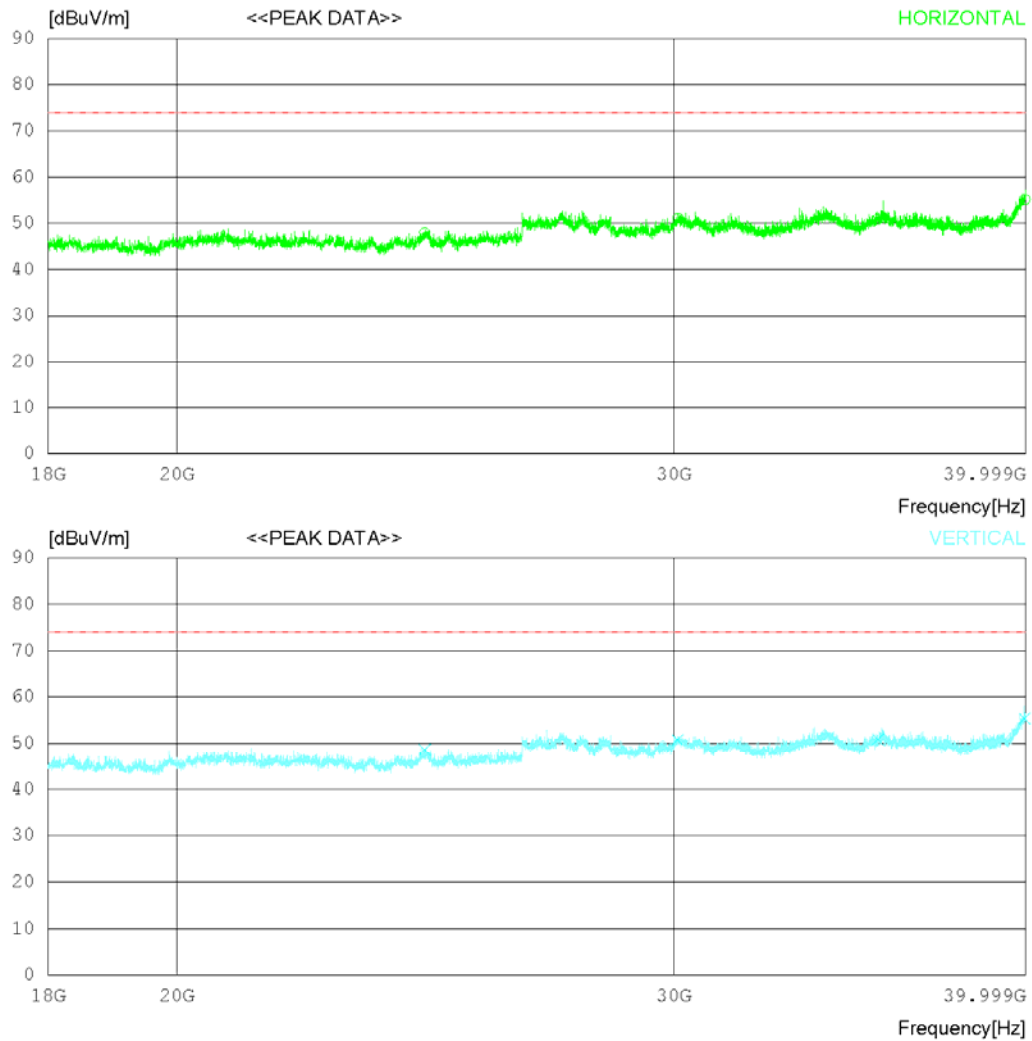
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition IDLE

Memo Aohai+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	24481.75033.00	39.19	20.40	44.70	47.89	74.0	26.11	225	358	
2	30108.25035.40	40.31	21.86	46.50	51.07	74.0	22.93	234	358	
3	35457.00034.20	40.75	23.77	47.79	50.93	74.0	23.07	255	134	
4	39972.50034.50	43.48	23.94	46.75	55.17	74.0	18.83	165	358	
----- Vertical -----										
5	24481.75033.70	39.19	20.40	44.70	48.59	74.0	25.41	256	263	
6	30108.25035.10	40.31	21.86	46.50	50.77	74.0	23.23	243	271	
7	35457.00034.10	40.75	23.77	47.79	50.83	74.0	23.17	128	43	
8	39972.50034.70	43.48	23.94	46.75	55.37	74.0	18.63	242	34	

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

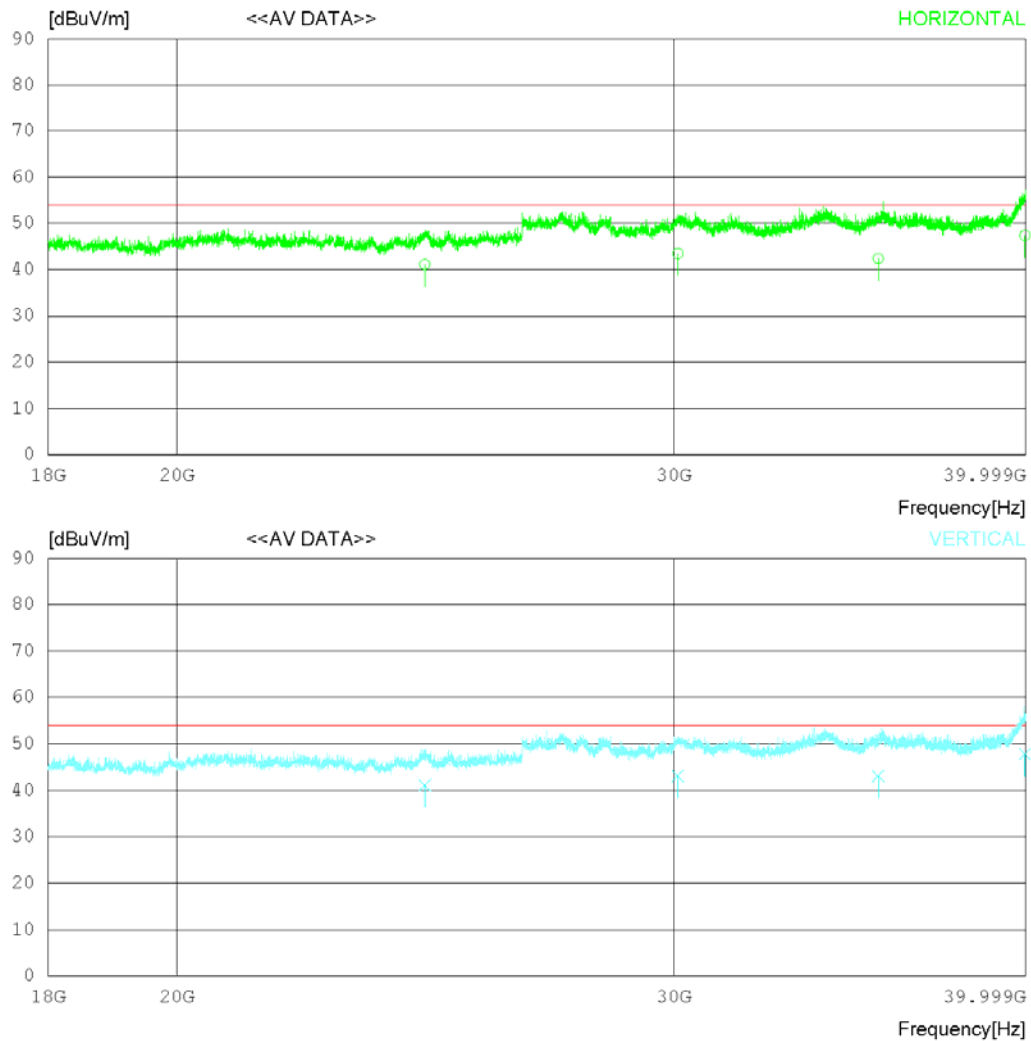
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition IDLE

Memo Aohai+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	24481.61026.20		39.19	20.40	44.70	41.09	54.00	12.91	120	120
2	30108.21027.80		40.31	21.86	46.50	43.47	54.00	10.53	274	342
3	35457.04025.66		40.75	23.77	47.79	42.39	54.00	11.61	315	113
4	39972.52026.70		43.48	23.94	46.75	47.37	54.00	6.63	177	236
----- Vertical -----										
5	24481.71026.20		39.19	20.40	44.70	41.09	54.00	12.91	271	136
6	30108.24027.40		40.31	21.86	46.50	43.07	54.00	10.93	120	126
7	35457.08026.36		40.75	23.77	47.79	43.09	54.00	10.91	273	203
8	39972.56027.11		43.48	23.94	46.75	47.78	54.00	6.22	321	178

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

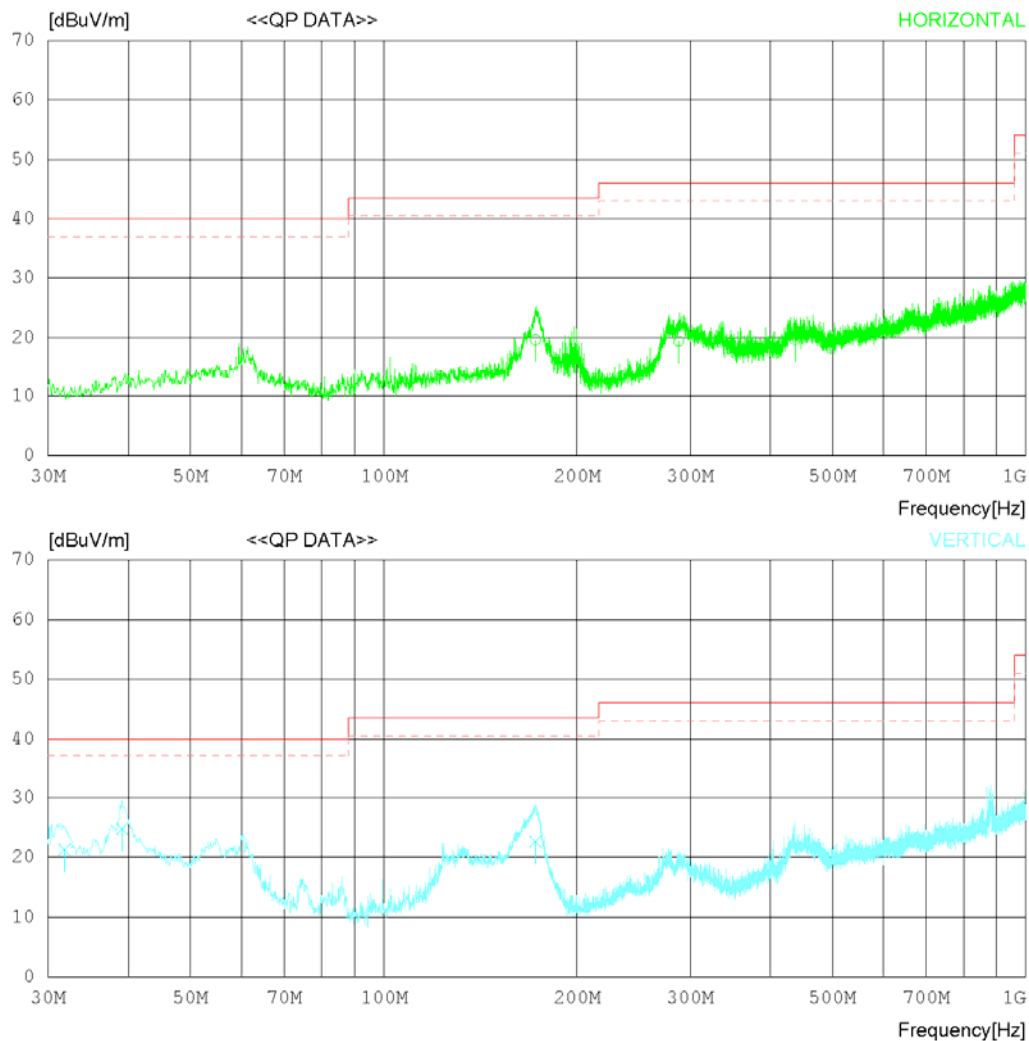
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF
Memo Aohai+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	172.344	25.60	17.84	1.81	25.64	19.61	43.50	23.89	134	12
2	287.892	23.60	19.44	2.22	25.82	19.44	46.00	26.56	308	227
3	437.389	19.90	22.82	2.60	25.68	19.64	46.00	26.36	127	241
----- Vertical -----										
4	31.819	30.60	15.40	1.11	25.82	21.29	40.00	18.71	120	315
5	39.094	32.60	16.80	1.19	25.81	24.78	40.00	15.22	227	247
6	172.223	28.60	17.86	1.81	25.64	22.63	43.50	20.87	308	233

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

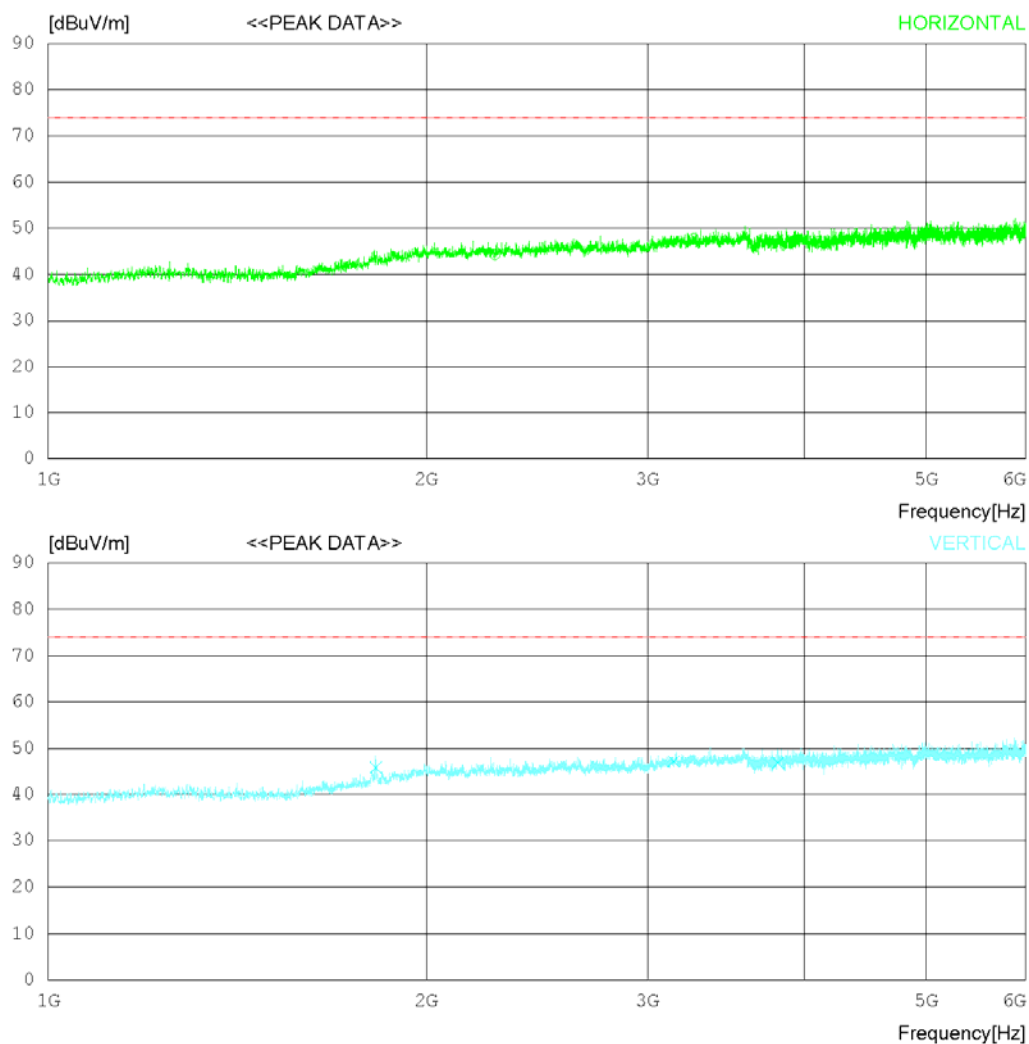
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+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	2267.500	40.80	31.54	6.49	34.50	44.33	74.0	29.67	325	44
2	3263.125	41.50	32.97	7.82	34.56	47.73	74.0	26.27	240	359
3	4093.750	38.40	33.20	9.09	33.66	47.03	74.0	26.97	227	259
----- Vertical -----										
4	1823.125	44.10	30.49	5.69	34.59	45.69	74.0	28.31	125	21
5	3146.875	41.10	32.99	7.66	34.73	47.02	74.0	26.98	246	140
6	3812.500	38.30	33.30	8.92	33.80	46.72	74.0	27.28	227	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

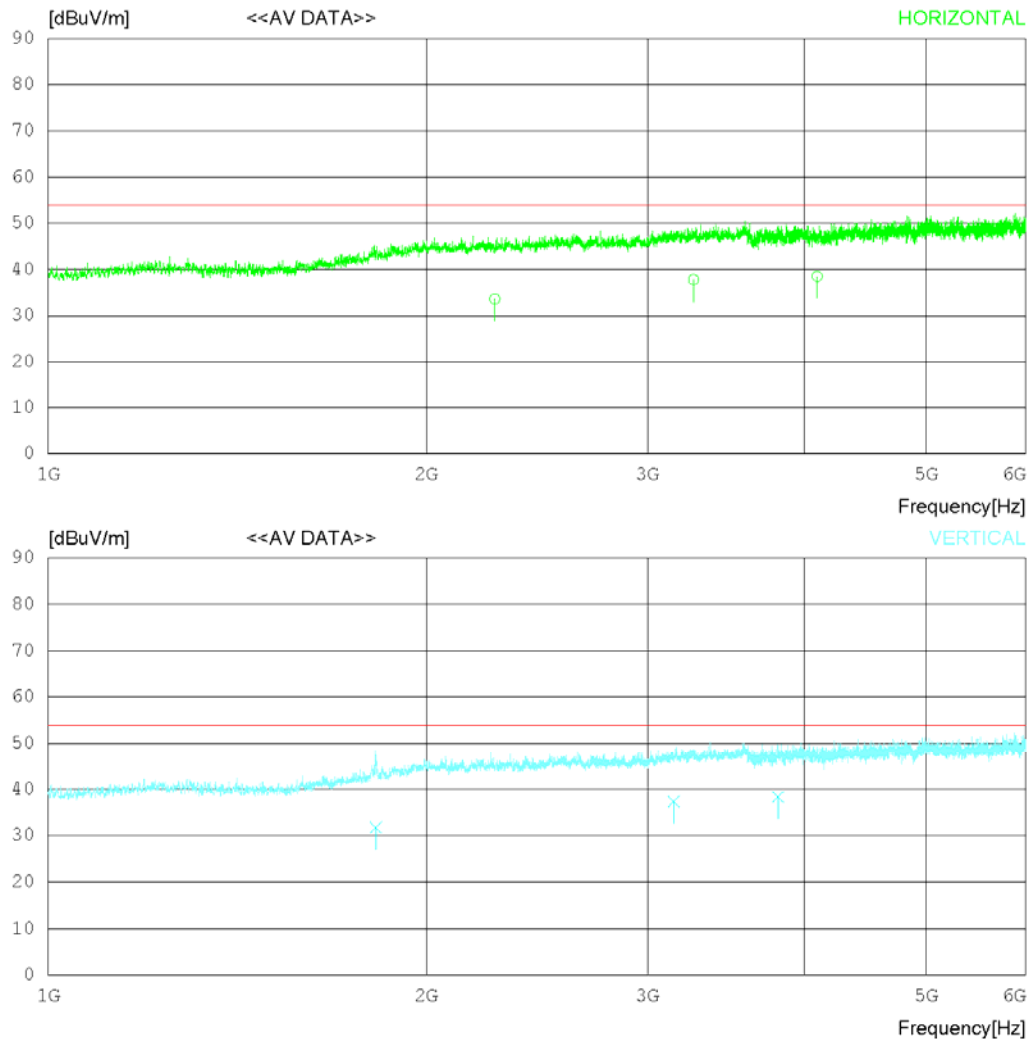
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+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	2267.440	30.10	31.53	6.49	34.50	33.62	54.00	20.38	206	244
2	3263.111	31.60	32.97	7.82	34.56	37.83	54.00	16.17	111	124
3	4093.712	29.90	33.20	9.09	33.66	38.53	54.00	15.47	134	77
----- Vertical -----										
4	1823.111	30.10	30.49	5.69	34.59	31.69	54.00	22.31	124	120
5	3146.823	31.40	32.99	7.66	34.73	37.32	54.00	16.68	308	223
6	3812.440	29.90	33.30	8.92	33.80	38.32	54.00	15.68	224	127

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

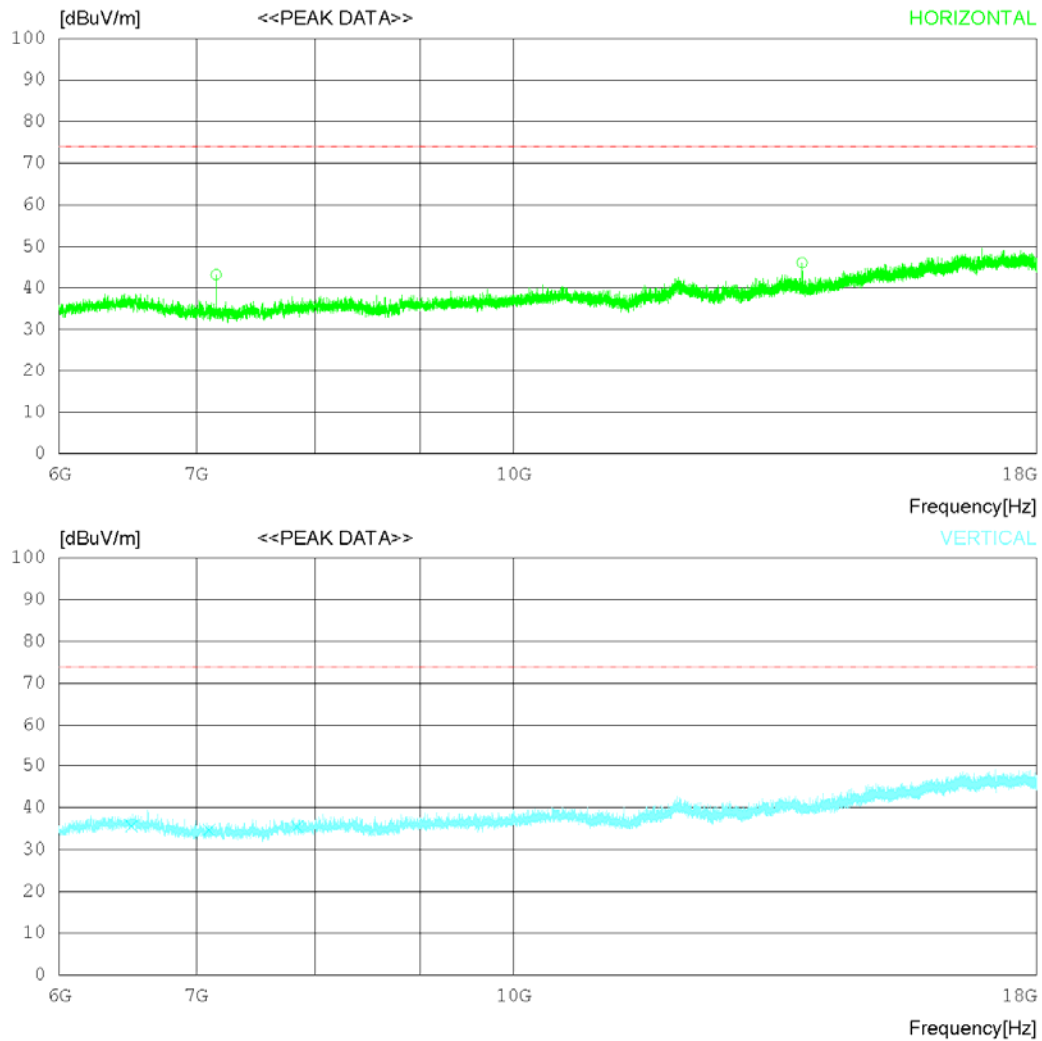
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition TOF

Memo Aohai+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	7157.250	38.90	31.43	11.55	38.70	43.18	74.0	30.82	241	257
2	7272.000	29.40	31.41	11.59	38.60	33.80	74.0	40.2	252	358
3	13828.500	32.80	33.85	17.14	37.71	46.08	74.0	27.92	150	0
----- Vertical -----										
4	6508.500	31.30	31.58	11.20	38.53	35.55	74.0	38.45	248	358
5	7099.500	30.30	31.44	11.63	38.71	34.66	74.0	39.34	215	358
6	7842.000	29.70	31.32	12.54	38.07	35.49	74.0	38.51	244	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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

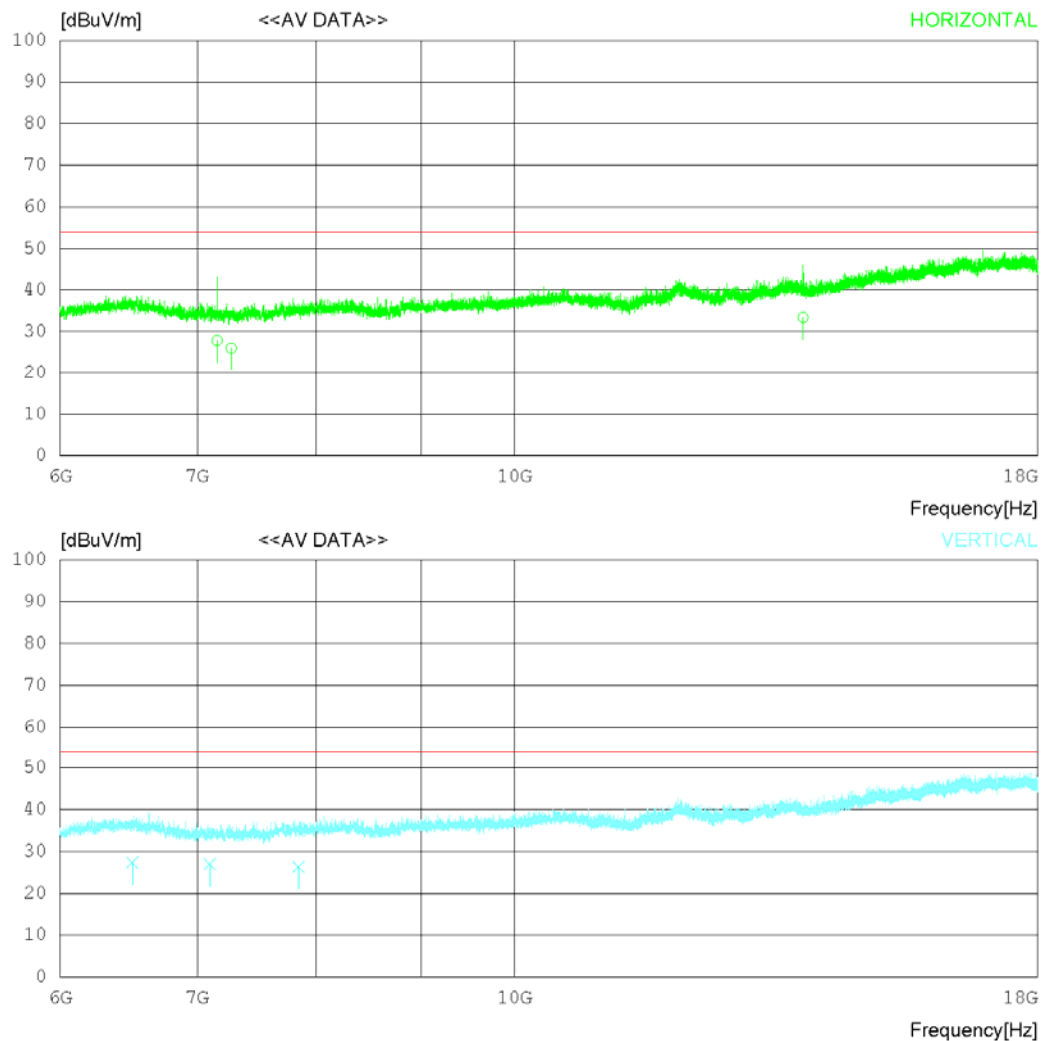
RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-08

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 21 °C 44 % R.H.
Test Condition TOF

Memo Aohai+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	7157.120	23.60	31.43	11.55	38.70	27.88	54.00	26.12	324	116
2	7272.014	21.60	31.41	11.59	38.60	26.00	54.00	28.00	240	247
3	13828.540	20.10	33.85	17.14	37.71	33.38	54.00	20.62	120	134
----- Vertical -----										
4	6508.544	23.10	31.58	11.20	38.53	27.35	54.00	26.65	120	136
5	7099.352	22.60	31.44	11.63	38.71	26.96	54.00	27.04	227	224
6	7842.044	20.50	31.32	12.54	38.07	26.29	54.00	27.71	144	78

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

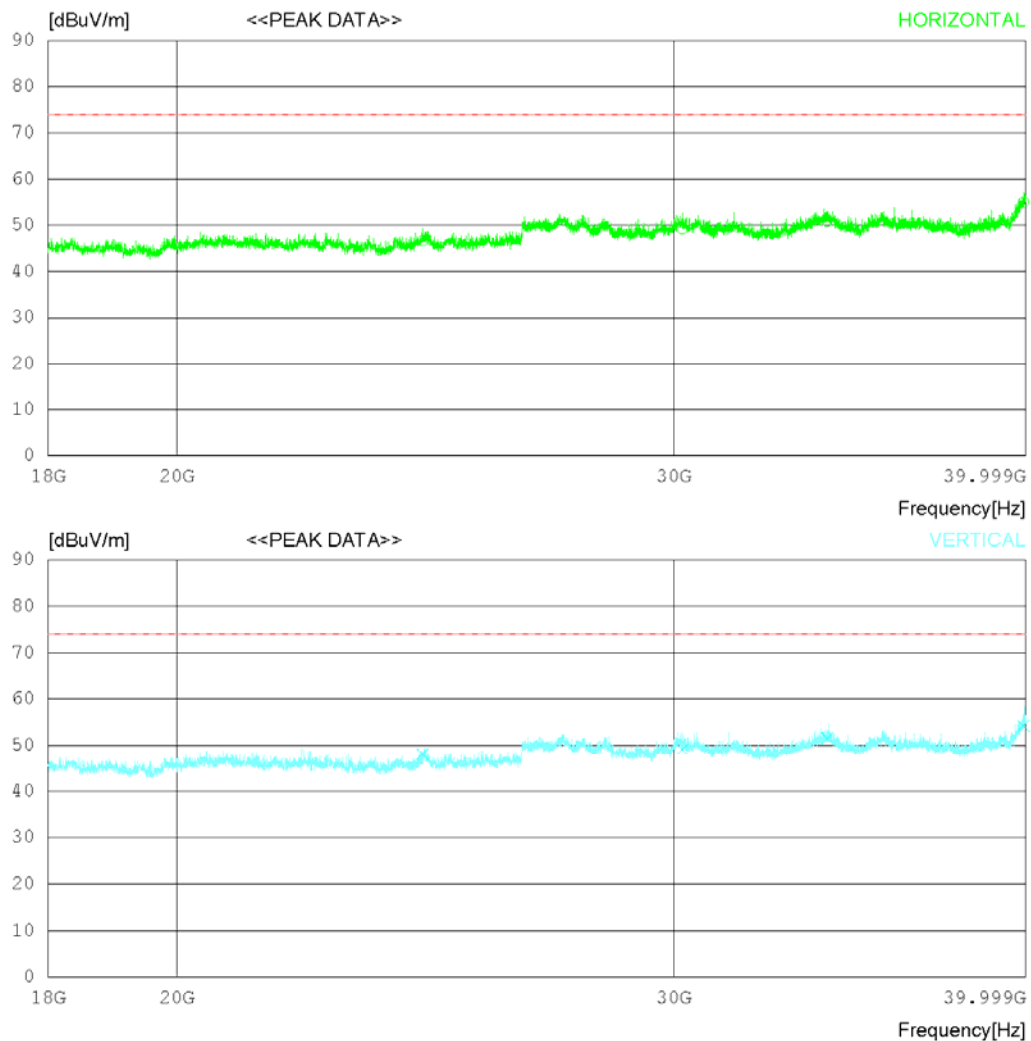
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition TOF

Memo Aohai+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	24437.75031.70	39.23	20.38	44.71	46.60	74.0	27.4	105	358	
2	30215.50033.50	40.27	21.93	46.50	49.20	74.0	24.8	125	5	
3	34013.25031.90	41.49	24.18	46.74	50.83	74.0	23.17	247	5	
4	39925.75034.80	43.30	23.99	47.02	55.07	74.0	18.93	325	358	
----- Vertical -----										
5	24437.75033.10	39.23	20.38	44.71	48.00	74.0	26	322	109	
6	30215.50033.40	40.27	21.93	46.50	49.10	74.0	24.9	227	0	
7	34013.25032.60	41.49	24.18	46.74	51.53	74.0	22.47	210	0	
8	39925.75034.00	43.30	23.99	47.02	54.27	74.0	19.73	327	244	

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
Travel Adaptor	Aohai	Ear-Mic	Cresyn

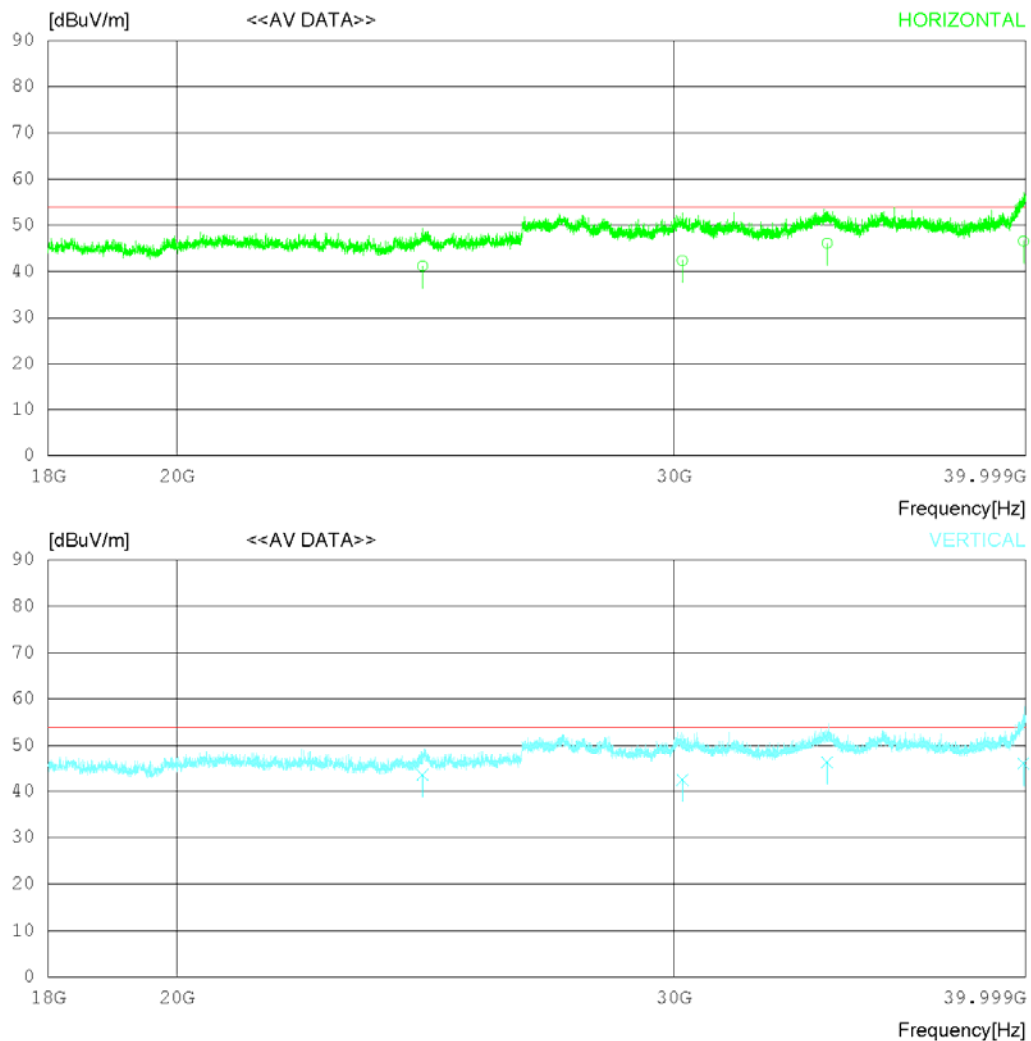
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition TOF

Memo Aohai+luxshare+cresyn

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition TOF

Memo Aohai+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	24437.71026.30	39.23	20.38	44.71	41.20	54.00	12.80	120	136	
2	30215.13026.70	40.27	21.93	46.50	42.40	54.00	11.60	237	124	
3	34013.21027.20	41.49	24.18	46.74	46.13	54.00	7.87	134	78	
4	39925.61026.30	43.30	23.99	47.02	46.57	54.00	7.43	223	244	
----- Vertical -----										
5	24437.71028.60	39.23	20.38	44.71	43.50	54.00	10.50	120	124	
6	30215.54026.70	40.27	21.93	46.50	42.40	54.00	11.60	273	208	
7	34013.24027.20	41.49	24.18	46.74	46.13	54.00	7.87	137	134	
8	39925.42025.60	43.30	23.99	47.02	45.87	54.00	8.13	324	78	

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

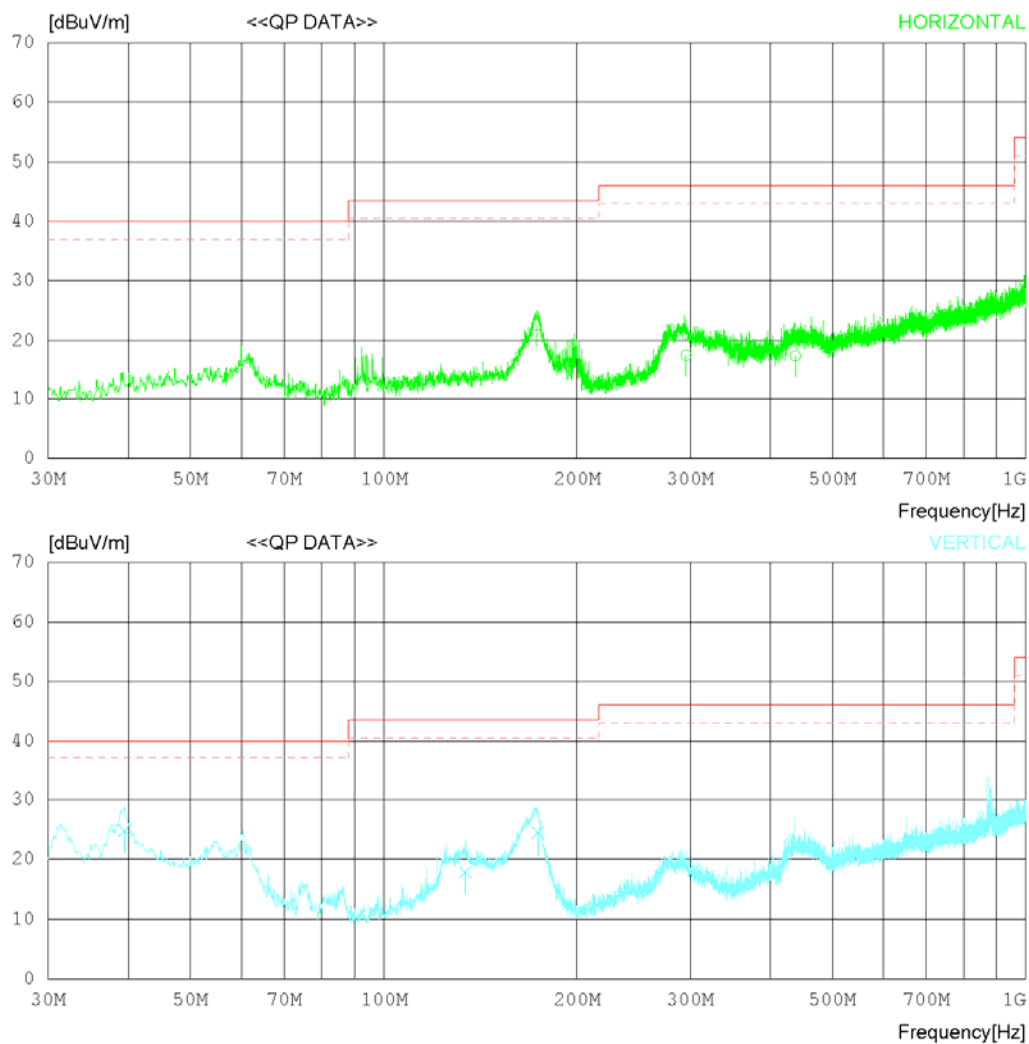
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+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	172.829	28.60	17.79	1.81	25.64	22.56	43.50	20.94	177	120
2	295.531	21.60	19.50	2.24	25.83	17.51	46.00	28.49	208	276
3	437.268	17.70	22.82	2.60	25.68	17.44	46.00	28.56	124	133
----- Vertical -----										
4	39.458	32.60	16.80	1.20	25.81	24.79	40.00	15.21	136	127
5	133.788	23.60	18.27	1.68	25.68	17.87	43.50	25.63	244	37
6	173.799	30.60	17.68	1.82	25.64	24.46	43.50	19.04	120	341

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

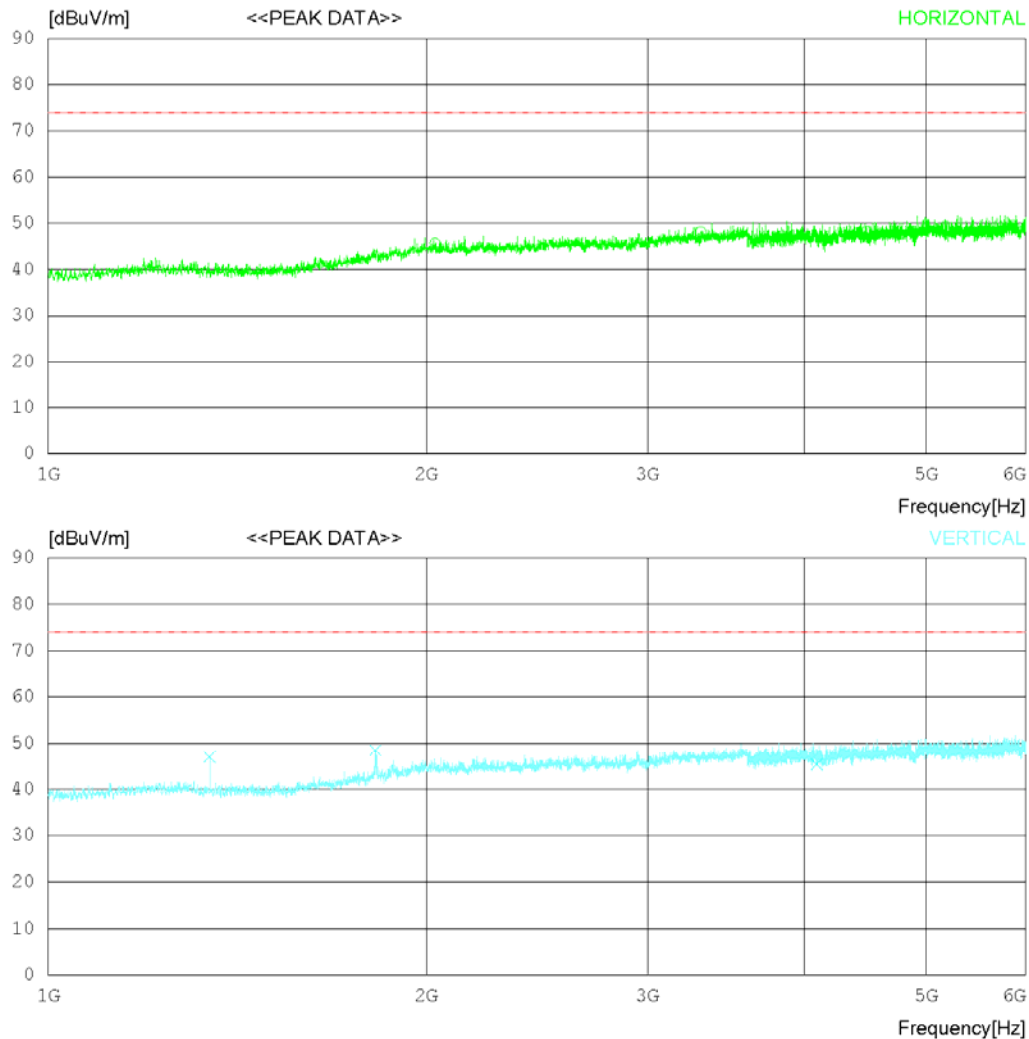
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition TOF

Memo Aohai+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	2031.875	42.20	31.66	6.16	34.36	45.66	74.0	28.34	155	149
2	3305.625	41.90	32.89	7.89	34.51	48.17	74.0	25.83	177	110
3	4481.250	38.60	33.90	9.91	34.18	48.23	74.0	25.77	208	358
----- Vertical -----										
4	1345.000	49.20	28.08	4.93	35.26	46.95	74.0	27.05	230	61
5	1821.875	46.90	30.49	5.69	34.59	48.49	74.0	25.51	224	0
6	4091.250	36.70	33.20	9.09	33.66	45.33	74.0	28.67	245	52

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

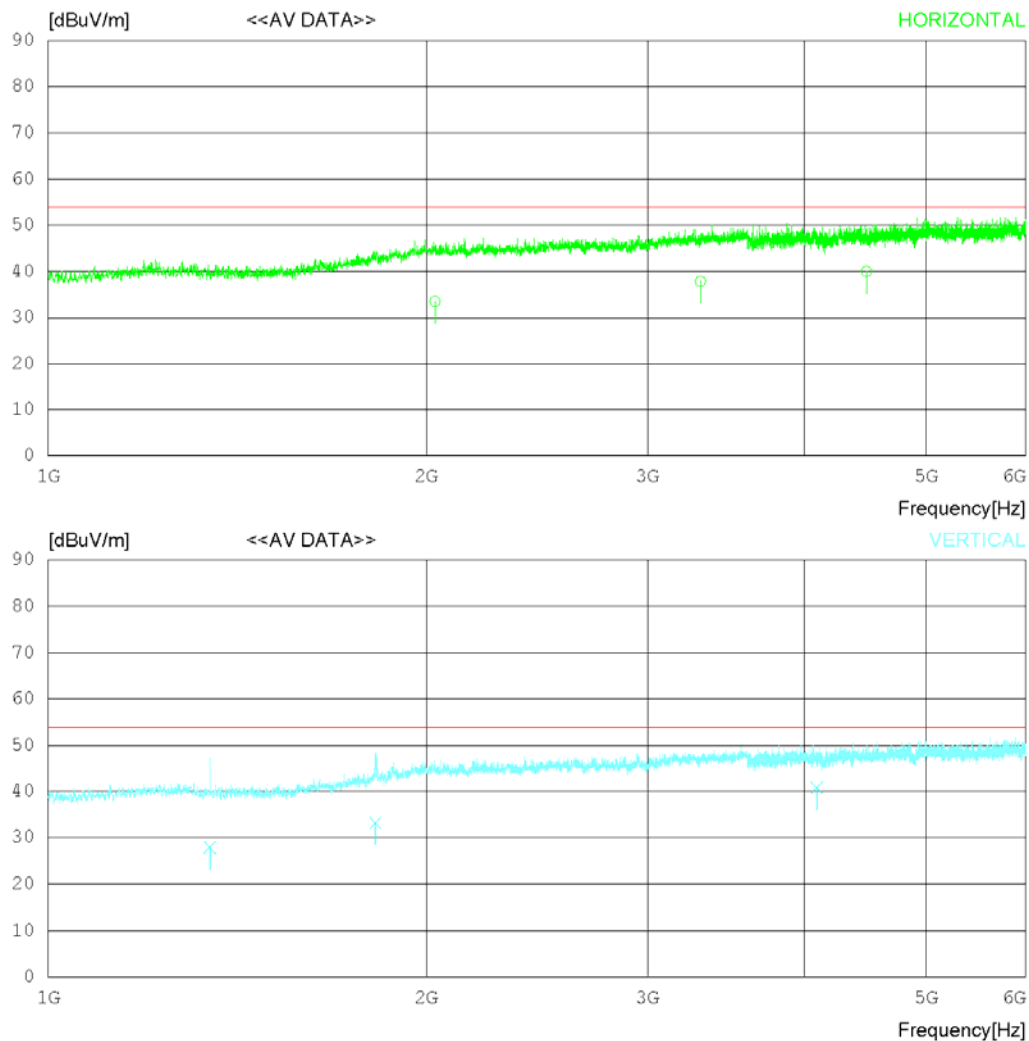
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+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	2031.811	30.10	31.66	6.16	34.36	33.56	54.00	20.44	134	144
2	3305.451	31.60	32.89	7.89	34.51	37.87	54.00	16.13	124	77
3	4481.120	30.40	33.90	9.91	34.18	40.03	54.00	13.97	277	130
----- Vertical -----										
4	1345.044	30.10	28.08	4.93	35.26	27.85	54.00	26.15	178	120
5	1821.811	31.60	30.49	5.69	34.59	33.19	54.00	20.81	223	227
6	4091.244	32.10	33.20	9.09	33.66	40.73	54.00	13.27	124	342

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

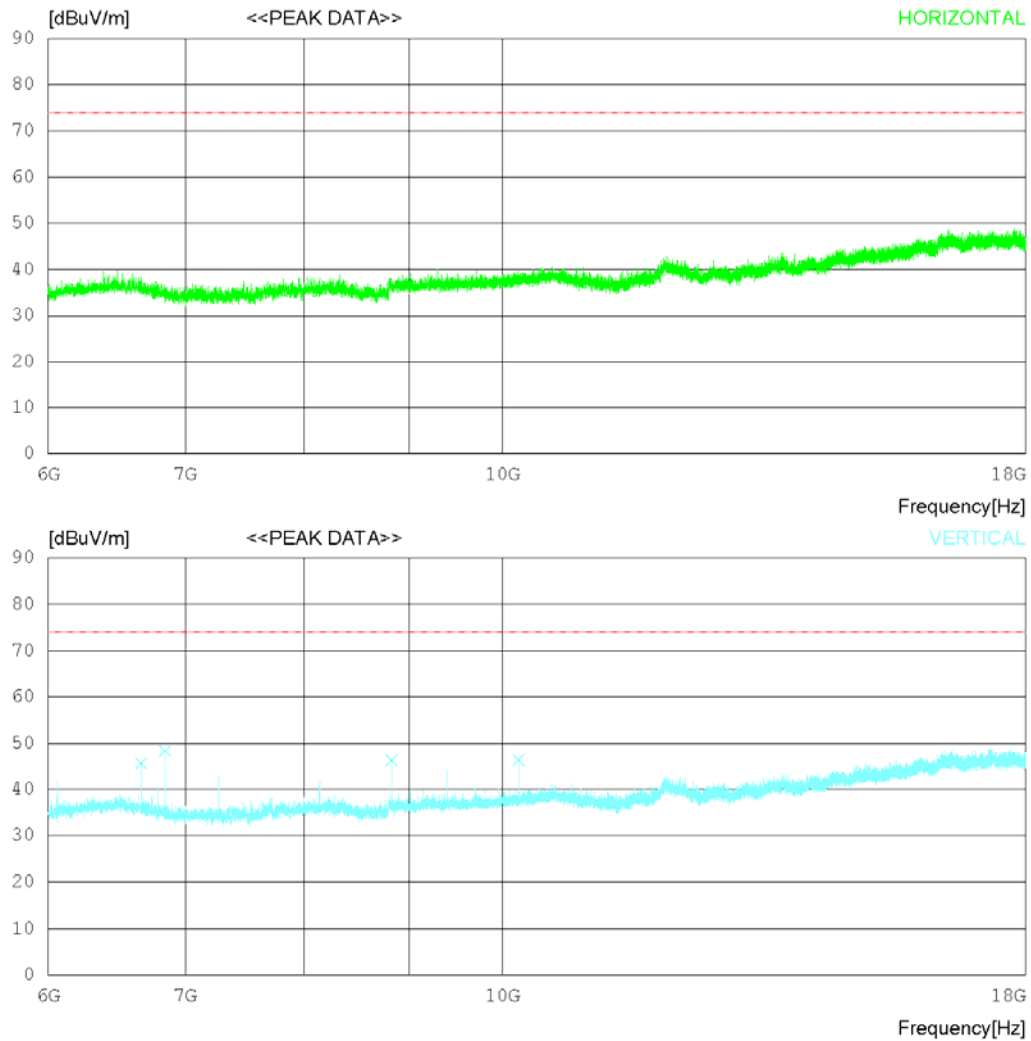
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition TOF

Memo Aohai+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	7822.500	29.60	31.33	12.58	38.09	35.42	74.0	38.58	177	358
2	9417.750	29.30	32.29	14.21	39.18	36.62	74.0	37.38	205	358
3	11970.000	28.50	33.43	15.62	37.71	39.84	74.0	34.16	302	358
----- Vertical -----										
4	6663.000	41.20	31.54	11.22	38.46	45.50	74.0	28.5	155	358
5	6842.250	44.00	31.49	11.34	38.56	48.27	74.0	25.73	241	358
6	8828.250	39.30	31.96	13.37	38.47	46.16	74.0	27.84	323	282
7	10179.750	37.30	32.52	14.45	37.99	46.28	74.0	27.72	206	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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

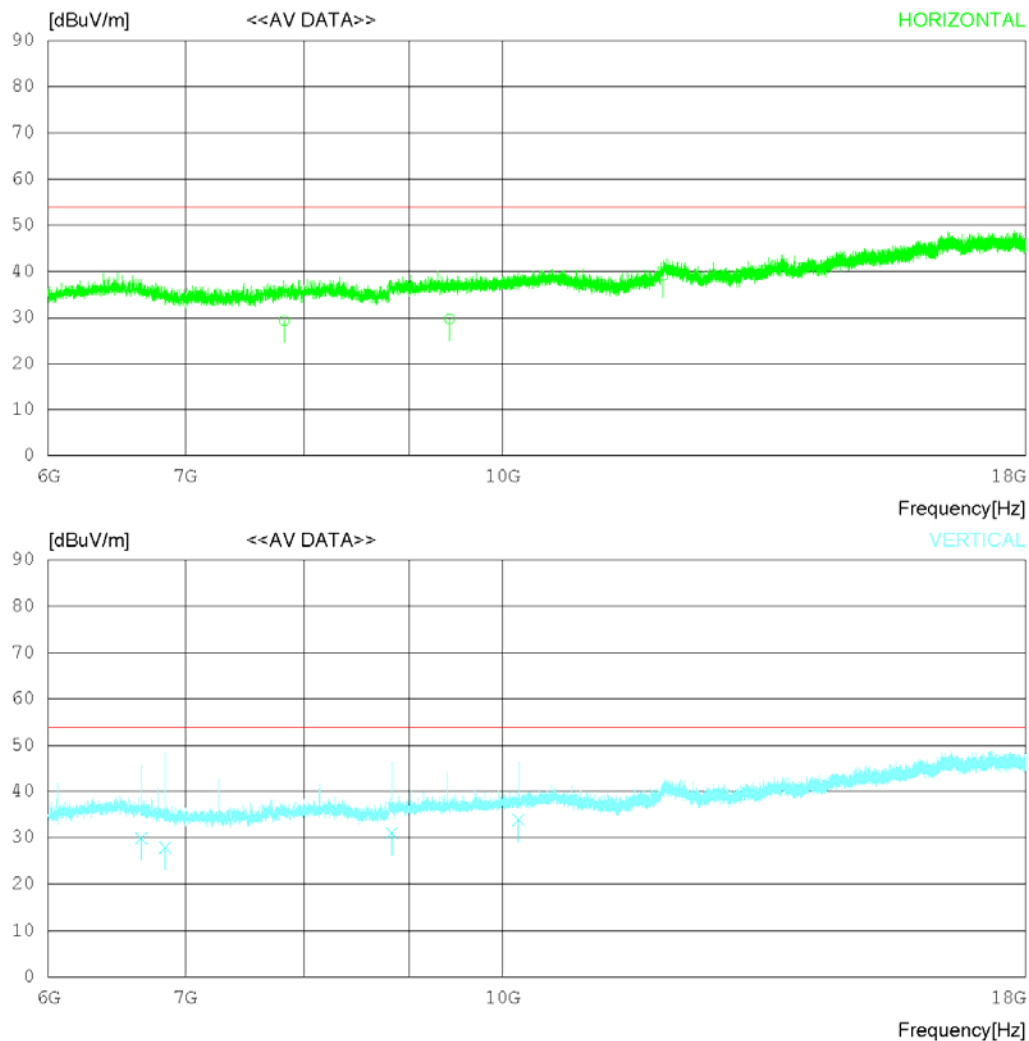
RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 40 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-07

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 40 % R.H.
Test Condition TOF

Memo Aohai+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	7822.512	23.60	31.33	12.58	38.09	29.42	54.00	24.58	120	342
2	9417.711	22.40	32.29	14.21	39.18	29.72	54.00	24.28	308	228
3	11970.720	27.80	33.43	15.62	37.71	39.14	54.00	14.86	112	142
----- Vertical -----										
4	6663.024	25.50	31.54	11.22	38.46	29.80	54.00	24.20	120	302
5	6842.251	23.60	31.49	11.34	38.56	27.87	54.00	26.13	208	311
6	8828.242	24.10	31.96	13.37	38.47	30.96	54.00	23.04	134	78
7	10179.730	24.80	32.52	14.45	37.99	33.78	54.00	20.22	116	314

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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

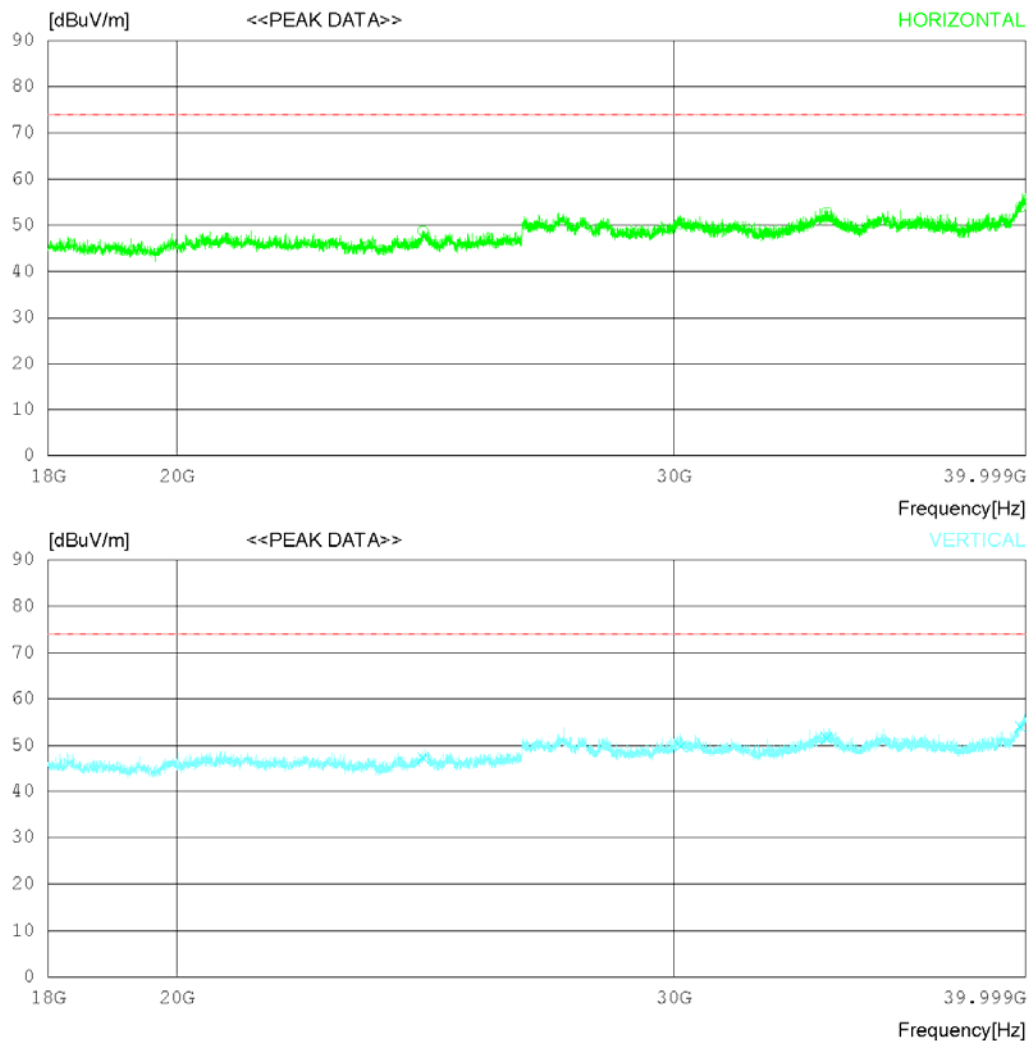
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23°C 47 % R.H.
Test Condition TOF

Memo Aohai+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	24446.00033.90	39.22	20.38	44.71	48.79	74.0	25.21	124	358	
2	30174.25034.60	40.29	21.90	46.50	50.29	74.0	23.71	305	92	
3	33994.00033.80	41.52	24.17	46.70	52.79	74.0	21.21	247	358	
4	39835.00034.40	42.96	24.08	47.52	53.92	74.0	20.08	308	358	
----- Vertical -----										
5	24446.00032.20	39.22	20.38	44.71	47.09	74.0	26.91	177	0	
6	30174.25034.10	40.29	21.90	46.50	49.79	74.0	24.21	204	153	
7	33994.00032.50	41.52	24.17	46.70	51.49	74.0	22.51	125	0	
8	39835.00034.50	42.96	24.08	47.52	54.02	74.0	19.98	122	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
Travel Adaptor	Aohai	Ear-Mic	Bujeon

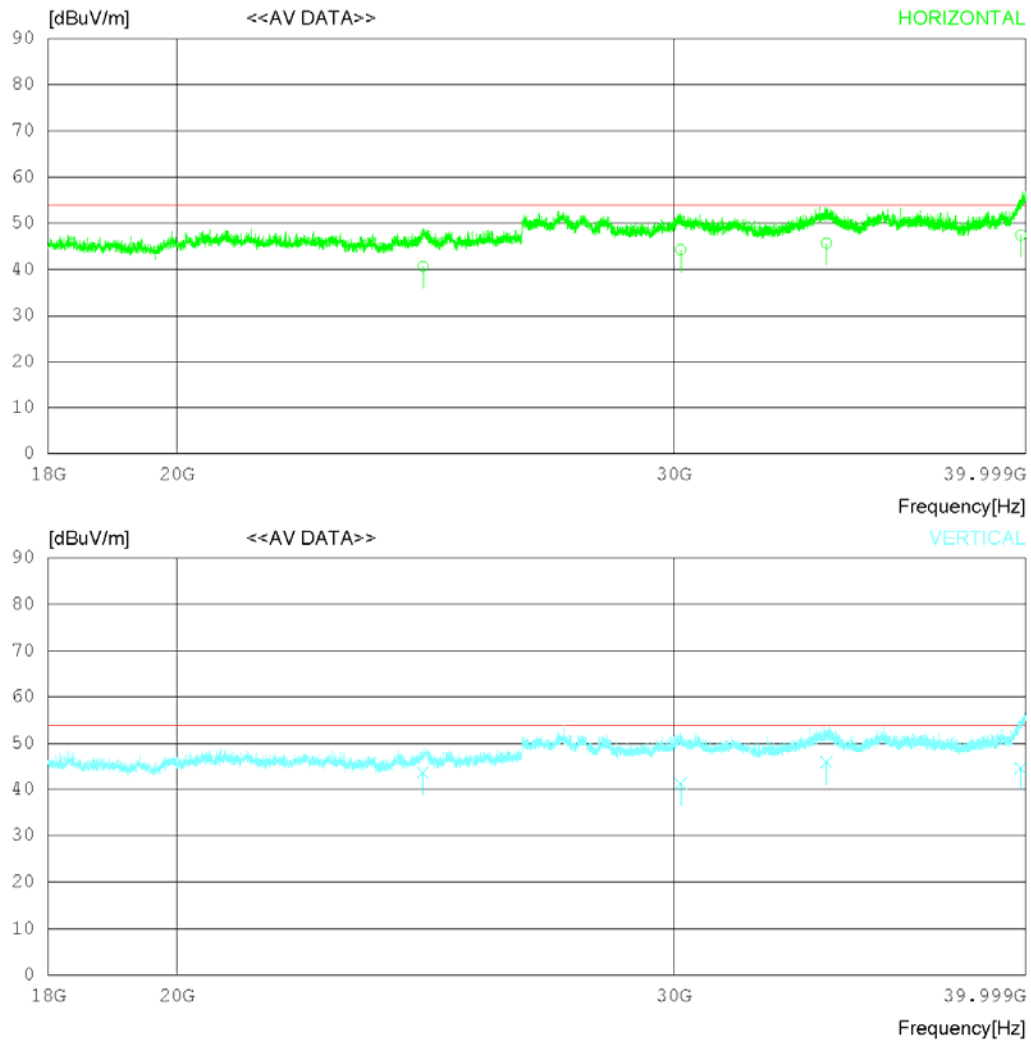
RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 'C 47 % R.H.
Test Condition TOF

Memo Aohai+luxshare+bujeon

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



RADIATED EMISSION

Date 2019-12-10

Order No. DTNC1911-09484
Power Supply 120 V 60 Hz
Temp/Humi 23 °C 47 % R.H.
Test Condition TOF

Memo Aohai+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	24446.72025.80	39.22	20.38	44.71	40.69	54.00	13.31	120	186	
2	30174.21028.60	40.29	21.90	46.50	44.29	54.00	9.71	227	127	
3	33994.46026.70	41.52	24.17	46.70	45.69	54.00	8.31	312	158	
4	39835.02027.90	42.96	24.08	47.52	47.42	54.00	6.58	100	283	
----- Vertical -----										
5	24446.07028.60	39.22	20.38	44.71	43.49	54.00	10.51	120	124	
6	30174.21025.50	40.29	21.90	46.50	41.19	54.00	12.81	273	134	
7	33994.03026.70	41.52	24.17	46.70	45.69	54.00	8.31	134	227	
8	39835.07024.90	42.96	24.08	47.52	44.42	54.00	9.58	302	178	

Calculation

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

8. Revision History

Date	Description	Revised By	Reviewed By
Dec. 13. 2019	Initial report	JunSeo Park	HyungJun Kim
Feb. 06. 2020	- Added measurement uncertainty. (Refer to page 8 and 25.) - Added Add Model name (LMV600VM, V600VM, LMV600QM5, V600QM5, LMV600QM6, V600QM6)	JunSeo Park	KyoungHwan Bae

-End of test report-