

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. : DREFCC1905-0158
2. Client / Applicant
 - Name : LG Electronics USA, Inc.
 - Address : 1000 Sylvan Avenue, Englewood Cliffs NJ 07632 United States
3. Use of Report : FCC Certification of Conformity Marking
4. Product Name / Model Name : Mobile Phone / LM-V450VM
5. Test Standard : ANSI C 63.4 : 2014
FCC Part 15 Subpart B
(Other Class B digital devices & peripherals)
6. Date of Test : Mar. 03. 2019 ~ Mar. 18. 2019
7. Testing Environment : Temperature (19 ~ 22) °C , Humidity (41 ~ 44) % R.H.
8. Test Result : Refer to the attached Test Result

Affirmation	Tested by	Reviewed by
	Name : JooHo Kim 	Name : DaeHwa Eun 

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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May. 13. 2019

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.dtnet.net>

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

2. Test Laboratory

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

Certificate	Nation	Agency	Code	Remark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
	South Africa	SABS	0006	ISO/IEC 17025
	Ghana	NCA	NCA agreement 23 rd , Oct, 2018	-
Site Filing	USA	FCC	KR0034 101842 678747, 596748, 804488, 165783	Accredited 2.948 Listed
	Canada	IC	5740A-3 5740A-4	Registered
	Japan	VCCI	C-1427 R-3385, R-4076, R-4180, R-4496, T-1442, G-10338, G-754, G-10815, G-20051	Registered
Certification	Korea	KC	KR0034	Designation
	Germany	TUV	CARAT 089112 0006 Rev.00	ISO/IEC 17025
	Russia	RMRS	17.10189.296	ISO/IEC 17025

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

3. General Information of EUT

Applicant	LG Electronics USA, Inc. 1000 Sylvan Avenue, Englewood Cliffs NJ 07632 United States
Manufacturer	LG Electronics USA, Inc. 1000 Sylvan Avenue, Englewood Cliffs NJ 07632 United States
Product Name	Mobile Phone
Model Name	LM-V450VM
Add Model Name	LMV450VM, V450VM
Software Version	None
Hardware Version	None
RF Module	None
FCC ID	ZNFV450VM
Rated Power	DC 3.85 V
Remarks	None

Accessory	Ear-Mic	No.	Manufacturer	P/N	
		1	CRESYN	EAB63728251	
		2	BUJEON	EAB63728252	
	USB data Cable	No.	Manufacturer	P/N	
		1	Ningbo	EAD64746103	
	Travel Adaptor	No.	Manufacturer	Model No.	S/N
		1	PN Telecom	MCS-H06WP	PB7Y0065831

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	REAR CAMERA & FM RADIO	EUT is receiving FM radio while shooting video with rear camera.
2	FRONT CAMERA & MP3	EUT is playing MP3 PLAY while recording video with the front camera.
3	IDLE	EUT is awaiting for communication.
4	Wireless charging	EUT is Wireless charging
Note. The worst case emissions are reported. (Mode 1, Mode 4)		

4.3 Test Configuration Mode

No.	Mode	Description
1	Charging	The EUT is connected to the Travel Adaptor and is charging.

4.4 Supported Equipment

Used*	Product Type	Manufacturer	Model	Remarks
AE	WIRELESS CHARGER	SAMSUNG	EP-PN920	RF7HA0CG0XFCIS
*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
USB	I/O	0.8	Non-Shield	Plastic	EUT
*Abbreviations: AC = AC Power Port DC = DC Power Port N/E = Non-Electrical I/O = Signal Input or Output Port TP = Telecommunication Ports					

4.6 Test Voltage and Frequency

Case	Voltage (V)	Frequency (Hz)	Phases	Remarks
1	AC 120	60 Hz	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 [dBμV]	Detector	Limit [dBμV]	Margin [dB]
4.10489	N	32.94	Cispr - Average	46.00	13.06

-Radiated Disturbance

Frequency [MHz]	Pol.	Result [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]
39957.060	H	49.64	Cispr - Average	54.00	4.36

6. Test Environment

Test Items	Test date (YYYY-MM-DD)	Temp. (°C)	Humidity (% R.H.)	Pressure (kPa)
Conducted Disturbance	2019-03-18	22	43	-
Radiated Disturbance	2019-03-03	22	41	-
	2019-03-08	20	44	
	2019-03-13	19	41	
	2019-03-16	19	42	
	2019-03-16	20	44	

7. Test Results : Emission

7.1 Conducted Disturbance

ANSI C63.4	Mains terminal disturbance voltage		Result		
<u>Method:</u> 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			
	EUT Operation mode	1, 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 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	2018.10.29	2019.10.29
LISN	ENV216	ROHDE & SCHWARZ	101979	2018.12.06	2019.12.06
TRANSIENT LIMITER	TL-B0930A	EMCIS	11002	2018.09.05	2019.09.05

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	1	EUT Operation mode	1
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

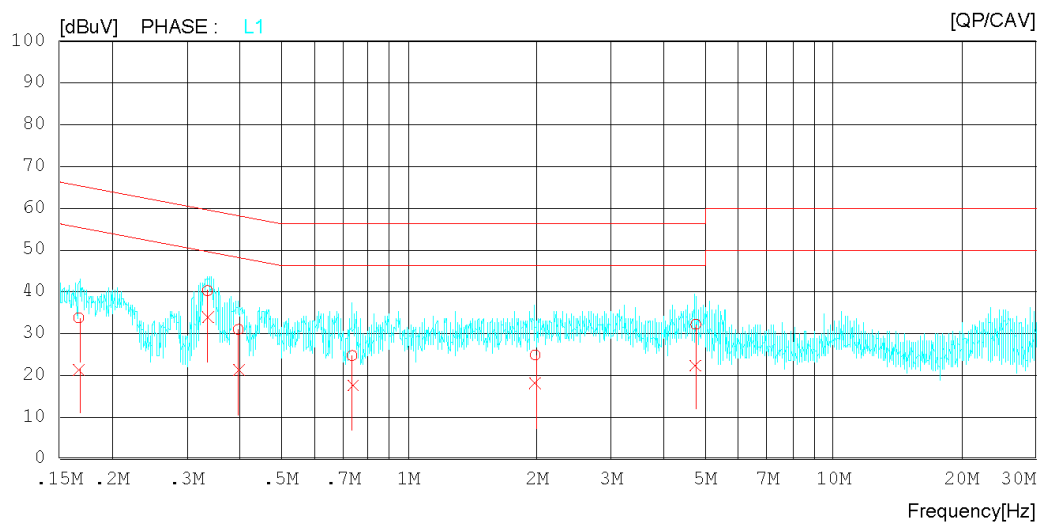
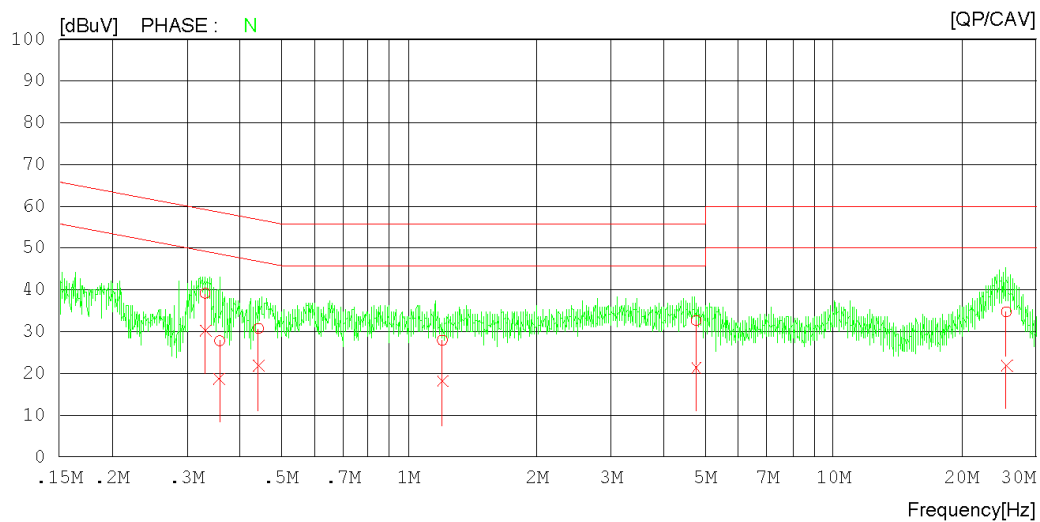
Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_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	0.33136	19.34	10.54	19.89	39.23	30.43	59.42	49.42	20.19	18.99	N
2	0.35850	7.92	-1.06	19.95	27.87	18.89	58.76	48.76	30.89	29.87	N
3	0.44257	10.76	1.81	20.03	30.79	21.84	57.01	47.01	26.22	25.17	N
4	1.20055	8.07	-1.80	19.92	27.99	18.12	56.00	46.00	28.01	27.88	N
5	4.75610	12.72	1.63	19.99	32.71	21.62	56.00	46.00	23.29	24.38	N
6	25.55401	14.28	1.48	20.49	34.77	21.97	60.00	50.00	25.23	28.03	N
7	0.16700	13.61	1.28	20.03	33.64	21.31	65.11	55.11	31.47	33.80	L1
8	0.33550	20.22	13.64	19.90	40.12	33.54	59.31	49.31	19.19	15.77	L1
9	0.39650	10.78	0.90	20.02	30.80	20.92	57.93	47.93	27.13	27.01	L1
10	0.73491	4.56	-2.64	20.02	24.58	17.38	56.00	46.00	31.42	28.62	L1
11	1.98595	4.77	-2.01	19.92	24.69	17.91	56.00	46.00	31.31	28.09	L1
12	4.74452	12.02	2.30	19.98	32.00	22.28	56.00	46.00	24.00	23.72	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	MCS-H06WP	Ear-Mic	EAB63728252

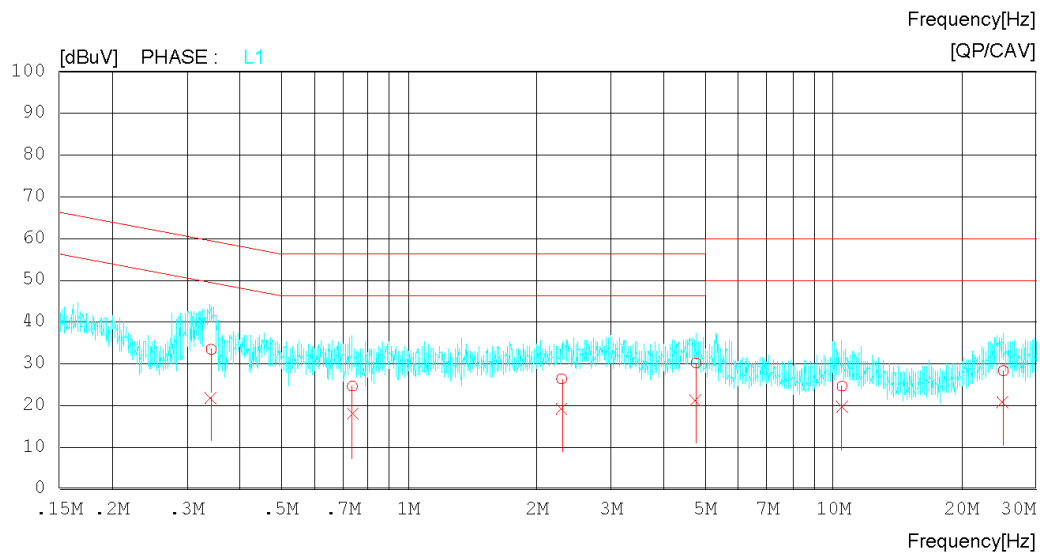
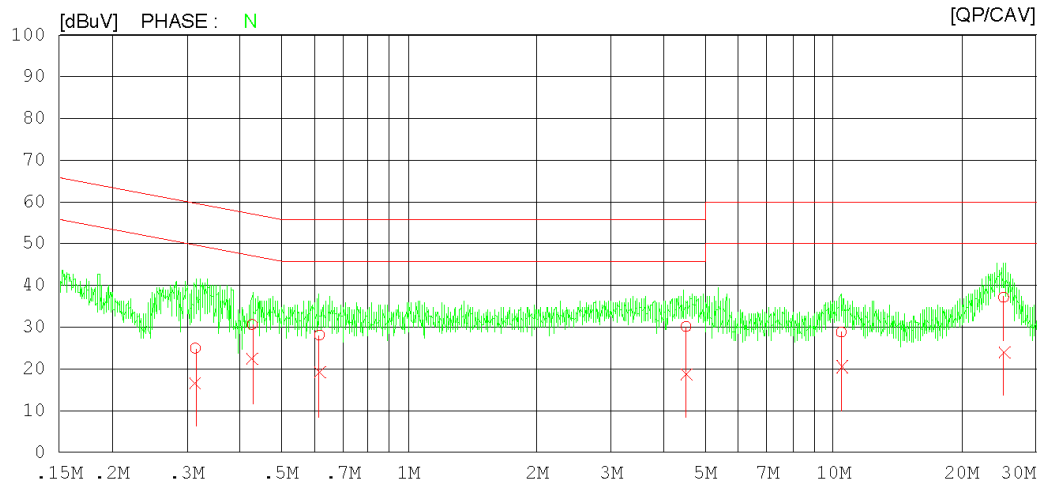
Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_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	0.31437	5.11	-3.19	19.86	24.97	16.67	59.85	49.85	34.88	33.18	N
2	0.42785	10.69	2.22	20.03	30.72	22.25	57.29	47.29	26.57	25.04	N
3	0.61550	8.09	-0.99	20.06	28.15	19.07	56.00	46.00	27.85	26.93	N
4	4.50260	10.24	-1.17	19.96	30.20	18.79	56.00	46.00	25.80	27.21	N
5	10.44662	8.17	-0.10	20.69	28.86	20.59	60.00	50.00	31.14	29.41	N
6	25.19986	16.69	3.58	20.50	37.19	24.08	60.00	50.00	22.81	25.92	N
7	0.34250	13.37	1.91	19.91	33.28	21.82	59.14	49.14	25.86	27.32	L1
8	0.73631	4.45	-2.28	20.02	24.47	17.74	56.00	46.00	31.53	28.26	L1
9	2.29038	6.28	-0.84	19.92	26.20	19.08	56.00	46.00	29.80	26.92	L1
10	4.75374	10.03	1.31	19.99	30.02	21.30	56.00	46.00	25.98	24.70	L1
11	10.49052	3.75	-1.09	20.69	24.44	19.60	60.00	50.00	35.56	30.40	L1
12	25.16767	7.70	0.19	20.45	28.15	20.64	60.00	50.00	31.85	29.36	L1

Mains terminal disturbance voltage _Measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

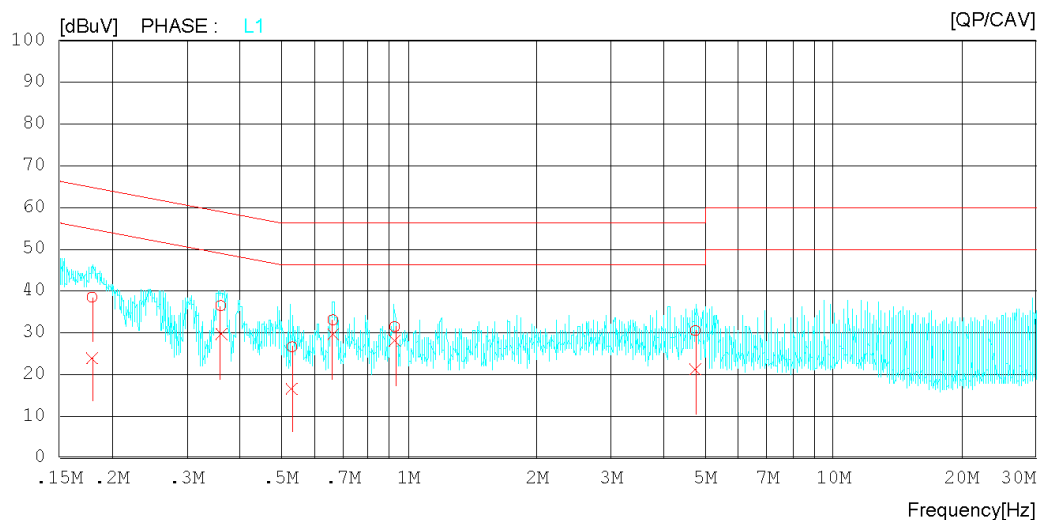
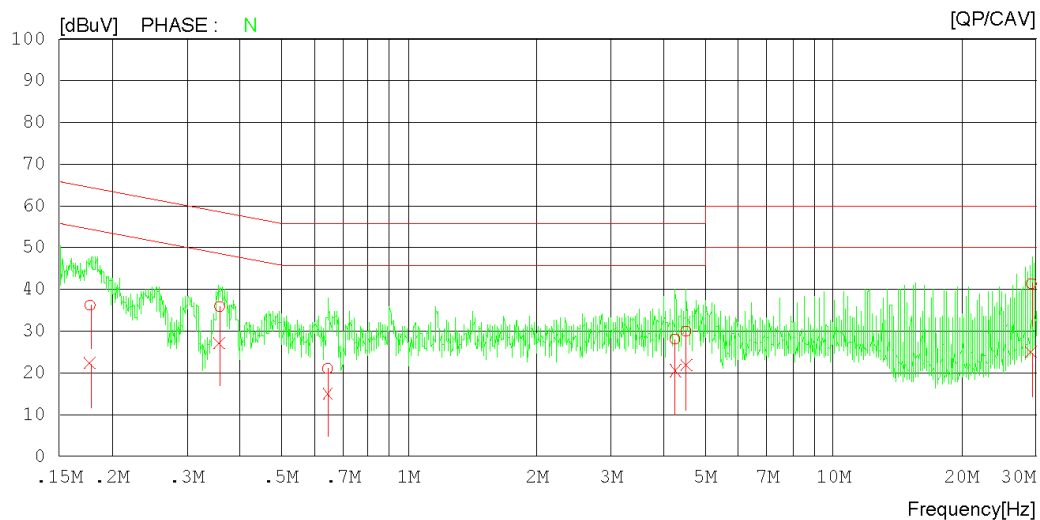
Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition Wireless charging
Memo MCS-H06WP_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	0.17750	16.23	2.30	20.03	36.26	22.33	64.60	54.60	28.34	32.27	N
2	0.35850	15.97	7.34	19.95	35.92	27.29	58.76	48.76	22.84	21.47	N
3	0.64407	1.07	-4.97	20.05	21.12	15.08	56.00	46.00	34.88	30.92	N
4	4.24105	8.20	0.65	19.93	28.13	20.58	56.00	46.00	27.87	25.42	N
5	4.50371	10.04	1.86	19.96	30.00	21.82	56.00	46.00	26.00	24.18	N
6	29.27144	21.10	4.54	20.34	41.44	24.88	60.00	50.00	18.56	25.12	N
7	0.17922	18.31	3.80	20.03	38.34	23.83	64.52	54.52	26.18	30.69	L1
8	0.36066	16.36	9.38	19.95	36.31	29.33	58.71	48.71	22.40	19.38	L1
9	0.53087	6.42	-3.63	20.05	26.47	16.42	56.00	46.00	29.53	29.58	L1
10	0.66213	12.88	9.42	20.04	32.92	29.46	56.00	46.00	23.08	16.54	L1
11	0.92650	11.28	7.88	19.99	31.27	27.87	56.00	46.00	24.73	18.13	L1
12	4.73453	10.34	1.02	19.98	30.32	21.00	56.00	46.00	25.68	25.00	L1

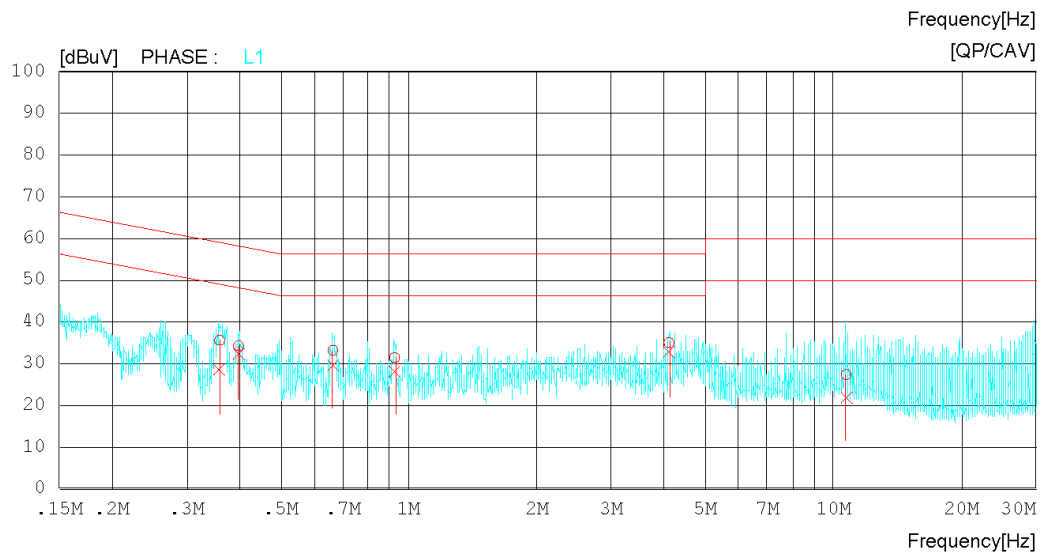
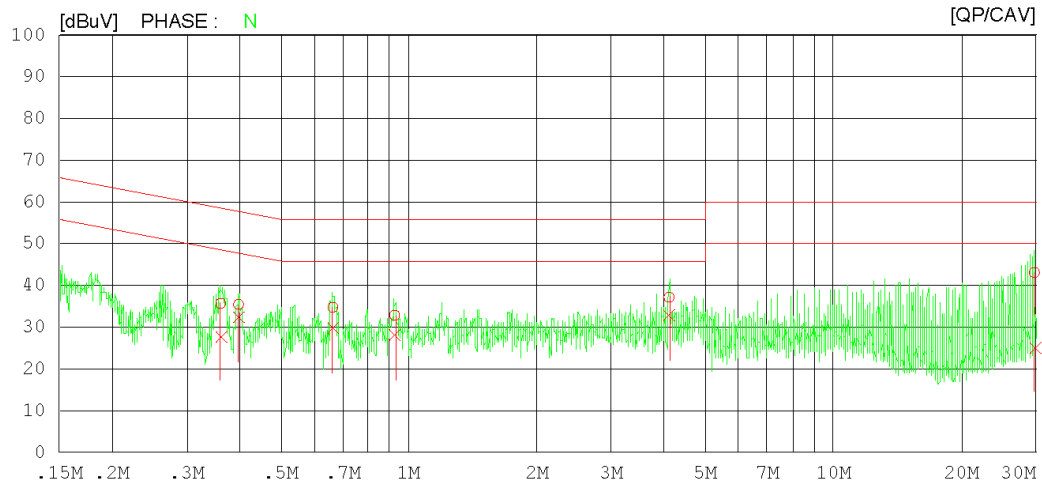
Mains terminal disturbance voltage _Measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition Wireless charging
Memo MCS-H06WP_BUJEON

LIMIT : CISPR32_B QP
CISPR32_B AV



Results of Conducted Emission

DT&C
Date 2019-03-18

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi/Atm 22 'C 43 % R.H.
Test Condition Wireless charging
Memo MCS-H06WP_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	0.36050	15.79	7.89	19.95	35.74	27.84	58.72	48.72	22.98	20.88	N
2	0.39728	15.44	12.24	20.02	35.46	32.26	57.91	47.91	22.45	15.65	N
3	0.66210	14.74	9.69	20.04	34.78	29.73	56.00	46.00	21.22	16.27	N
4	0.92650	12.95	8.22	19.92	32.87	28.14	56.00	46.00	23.13	17.86	N
5	4.10489	17.29	13.02	19.92	37.21	32.94	56.00	46.00	18.79	13.06	N
6	29.79763	22.80	4.79	20.32	43.12	25.11	60.00	50.00	16.88	24.89	N
7	0.35850	15.50	8.46	19.95	35.45	28.41	58.76	48.76	23.31	20.35	L1
8	0.39733	14.12	12.04	20.02	34.14	32.06	57.91	47.91	23.77	15.85	L1
9	0.66233	12.98	9.50	20.04	33.02	29.54	56.00	46.00	22.98	16.46	L1
10	0.92703	11.26	8.03	19.99	31.25	28.02	56.00	46.00	24.75	17.98	L1
11	4.10500	14.96	12.67	19.92	34.88	32.59	56.00	46.00	21.12	13.41	L1
12	10.72871	6.54	1.15	20.70	27.24	21.85	60.00	50.00	32.76	28.15	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
<u>Method:</u> Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 or 3 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable. For final measurement below 1 GHz frequency range, Quasi-Peak detector with (RBW = 120 kHz Bandwidth) was used. For final measurement above 1 GHz frequency range, Peak detector with (RBW = 1 MHz Bandwidth) and CISPR Average detector with (RBW = 1 MHz Bandwidth) were used.				Comply
EUT mode (Refer to clauses 4)	Test configuration mode		1	
	EUT Operation mode		1, 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 contained in Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22 shown.				
Frequency range (MHz)	Quasi-peak limit dBµV/m			
	Class A (10 m distance)		Class B (10 m distance)	
30 to 230	40		30	
230 to 1 000	47		37	
Radiated Disturbance for above 1 000 MHz at a measurement distance of 3 m				
Frequency range (GHz)	Peak limit dBµV/m		Average limit dBµV/m	
	Class A	Class B	Class A	Class B
1 to 40	80	74	60	54
The test frequency range of Radiated Disturbance measurements are listed below.				
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)			Upper frequency of measurement range (MHz)	
Below 108			1 000	
108 – 500			2 000	
500 – 1 000			5 000	
Above 1 000			5 th harmonic of the highest frequency or 40 GHz, whichever is lower	

Measurement 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	2018.06.28	2019.06.28
TRILOG BROADBAND TEST-ANTENNA	VULB9160	SCHWARZBECK	9160-3339	2018.10.22	2020.10.22
6DB ATTENUATOR	8491B	HP	18403	2018.10.22	2020.10.22
LOW NOISE PRE AMPLIFIER	MLA-100K01-B01-26	TSJ	1252741	2019.02.18	2020.02.18
HORN ANTENNA	3117	ETS-LINDGREN	00152093	2018.03.26	2020.03.26
PRE AMPLIFIER	8449B	H.P	3008A00887	2018.08.31	2019.08.31
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
PREAMPLIFIER	JS44-18004000-35-8P	L3 NARDA-MITEQ	2046884	2018.11.09	2019.11.09
HORN ANTENNA WITH PREAMPLIFIER	3116C	ETS-LINDGREN	00213177	2017.12.05	2019.12.05
BAND REJECT FILTER	WRCGV12-2375-2400-2 484-2505-50SS-PB	WAINWRIGHT INSTRUMENTS GMBH	1	2019.02.27	2020.02.27
(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	MCS-H06WP	Ear-Mic	EAB63728251

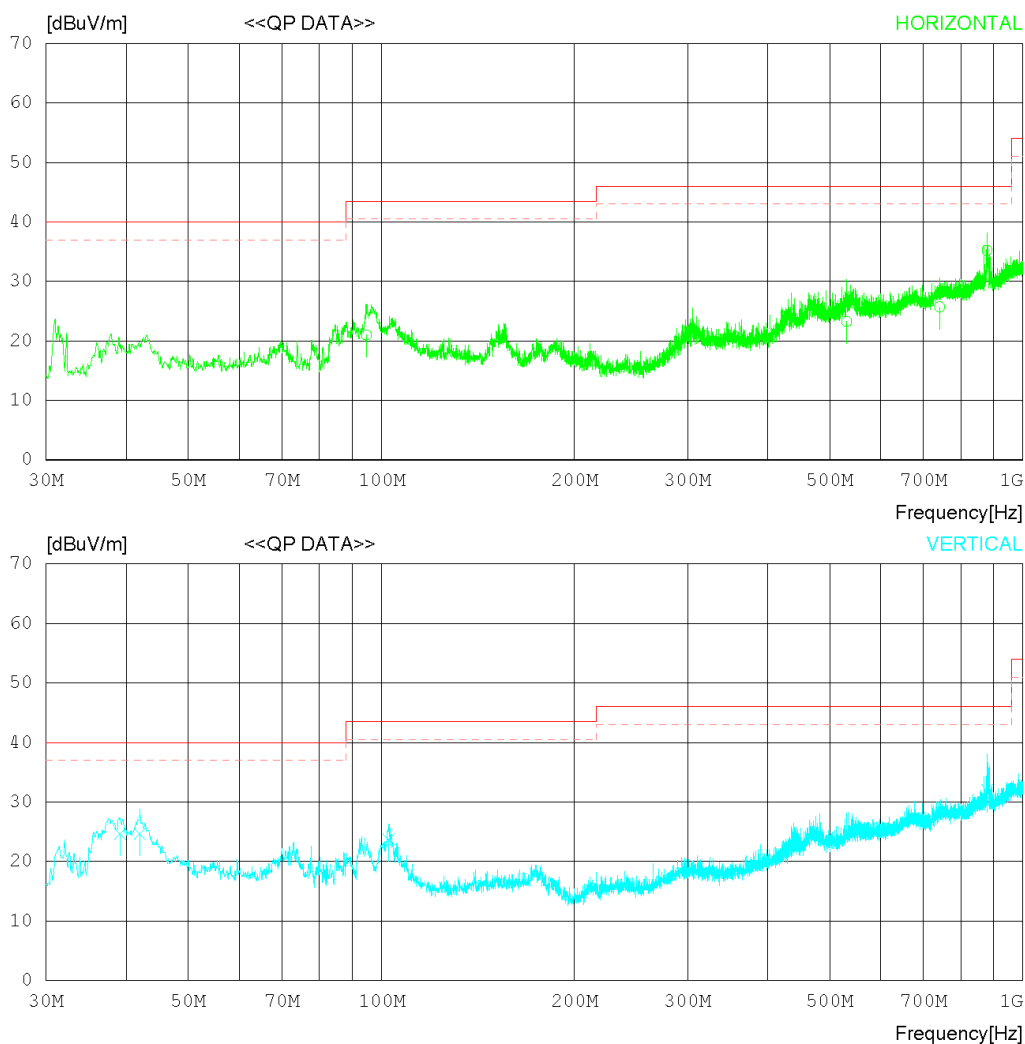
RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22°C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_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	94.759	30.10	14.05	2.54	25.71	20.98	43.50	22.52	220	276
2	531.233	19.00	24.84	4.91	25.50	23.25	46.00	22.75	130	94
3	741.316	17.40	28.14	5.95	25.80	25.69	46.00	20.31	300	355
4	878.761	25.60	29.11	6.31	25.80	35.22	46.00	10.78	100	185
----- Vertical -----										
5	39.144	31.70	16.80	1.96	25.81	24.65	40.00	15.35	100	214
6	42.011	31.00	17.50	2.00	25.81	24.69	40.00	15.31	100	130
7	102.651	31.20	15.59	2.64	25.70	23.73	43.50	19.77	115	252
8	879.135	22.40	29.11	6.31	25.80	32.02	46.00	13.98	100	354

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	MCS-H06WP	Ear-Mic	EAB63728251

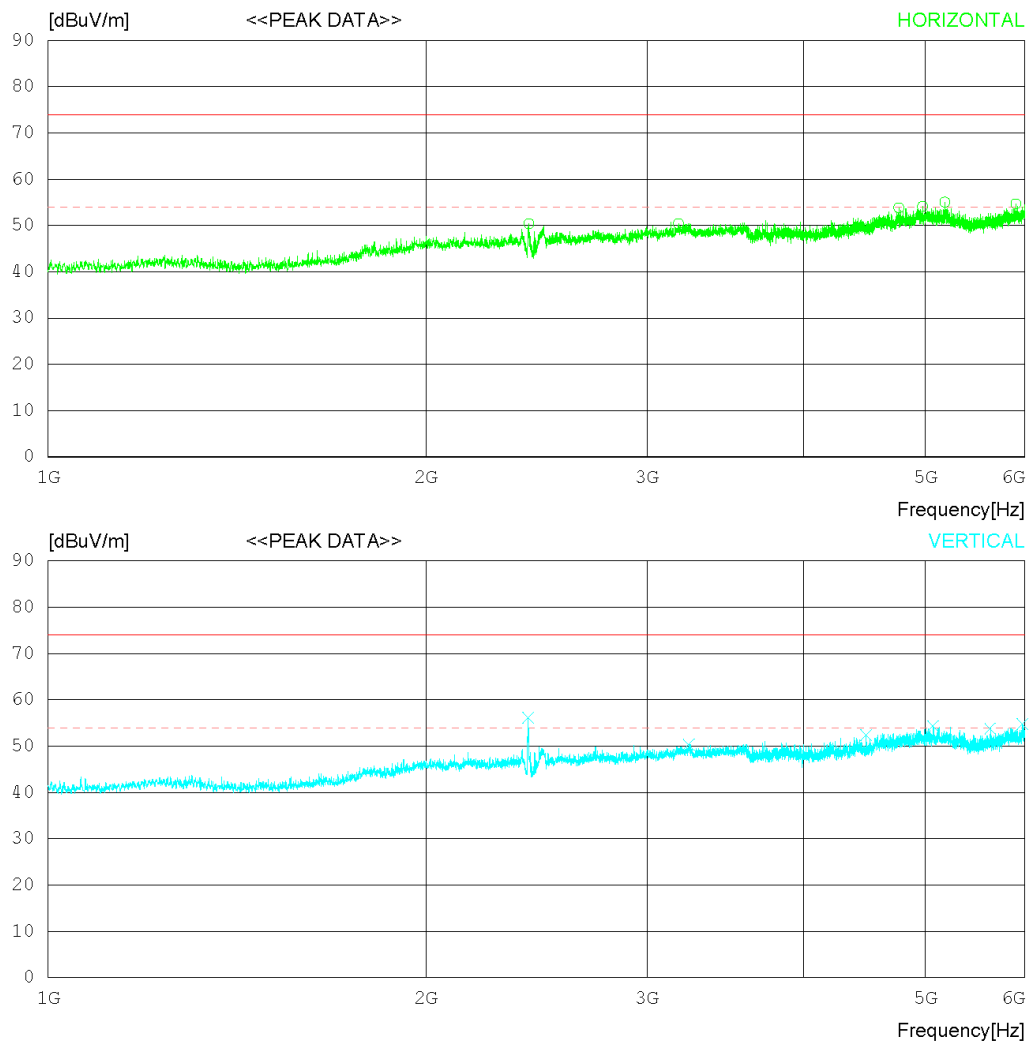
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRE SYN

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

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	2416.250	46.10	31.90	7.21	34.83	50.38	74.0	23.62	400	0
2	3177.500	43.70	33.11	8.33	34.75	50.39	74.0	23.61	200	277
3	4760.625	43.40	34.00	11.00	34.57	53.83	74.0	20.17	400	349
4	4971.875	43.20	34.16	11.33	34.63	54.06	74.0	19.94	400	308
5	5180.000	44.20	34.20	11.30	34.66	55.04	74.0	18.96	100	0
6	5900.625	42.60	35.00	11.81	34.75	54.66	74.0	19.34	400	329
----- Vertical -----										
7	2412.500	51.90	31.88	7.21	34.83	56.16	74.0	17.84	100	358
8	3238.750	43.60	33.05	8.40	34.72	50.33	74.0	23.67	100	34
9	4483.125	42.40	33.90	10.54	34.48	52.36	74.0	21.64	199	0
10	5071.250	43.50	34.16	11.34	34.65	54.35	74.0	19.65	400	358
11	5630.625	42.50	34.60	11.45	34.72	53.83	74.0	20.17	400	192
12	5973.750	42.60	35.10	11.82	34.76	54.76	74.0	19.24	199	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	MCS-H06WP	Ear-Mic	EAB63728251

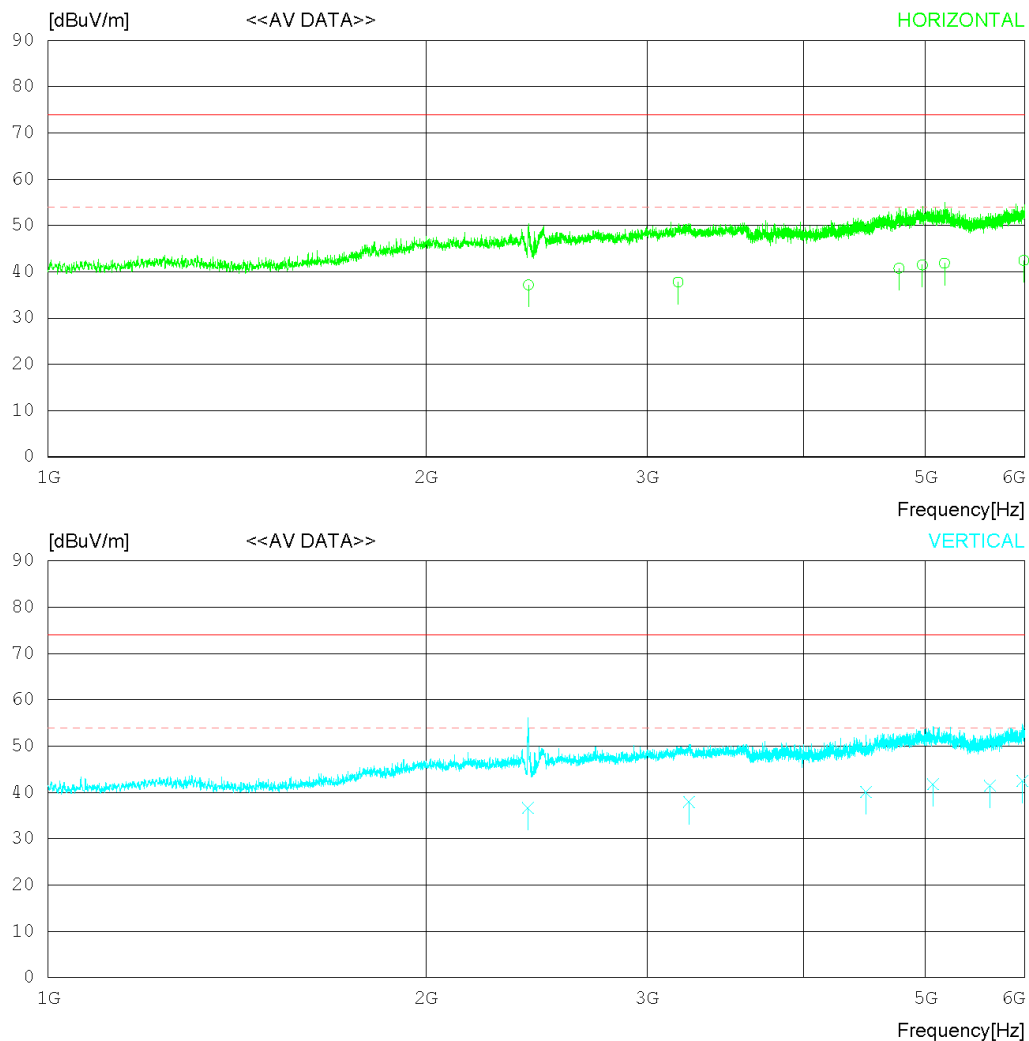
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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

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	2413.764	32.90	31.88	7.21	34.83	37.16	54.00	16.84	400	279
2	3176.251	31.10	33.11	8.33	34.75	37.79	54.00	16.21	200	259
3	4761.012	30.30	34.00	11.00	34.57	40.73	54.00	13.27	400	130
4	4971.117	30.60	34.16	11.33	34.63	41.46	54.00	12.54	400	106
5	5177.671	31.00	34.20	11.31	34.66	41.85	54.00	12.15	100	1
6	5987.905	30.30	35.10	11.83	34.76	42.47	54.00	11.53	400	354
----- Vertical -----										
7	2412.286	32.40	31.87	7.20	34.83	36.64	54.00	17.36	100	341
8	3240.320	31.20	33.04	8.40	34.72	37.92	54.00	16.08	100	59
9	4484.345	30.10	33.90	10.54	34.49	40.05	54.00	13.95	199	350
10	5069.001	30.90	34.16	11.35	34.65	41.76	54.00	12.24	400	1
11	5628.837	30.10	34.60	11.44	34.72	41.42	54.00	12.58	400	45
12	5973.956	30.30	35.10	11.82	34.76	42.46	54.00	11.54	199	264

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	MCS-H06WP	Ear-Mic	EAB63728251

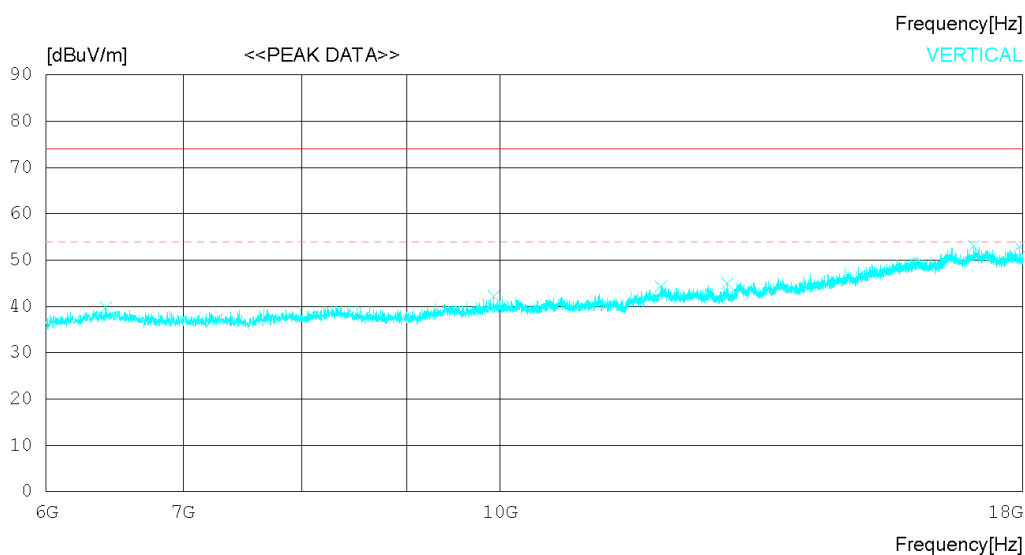
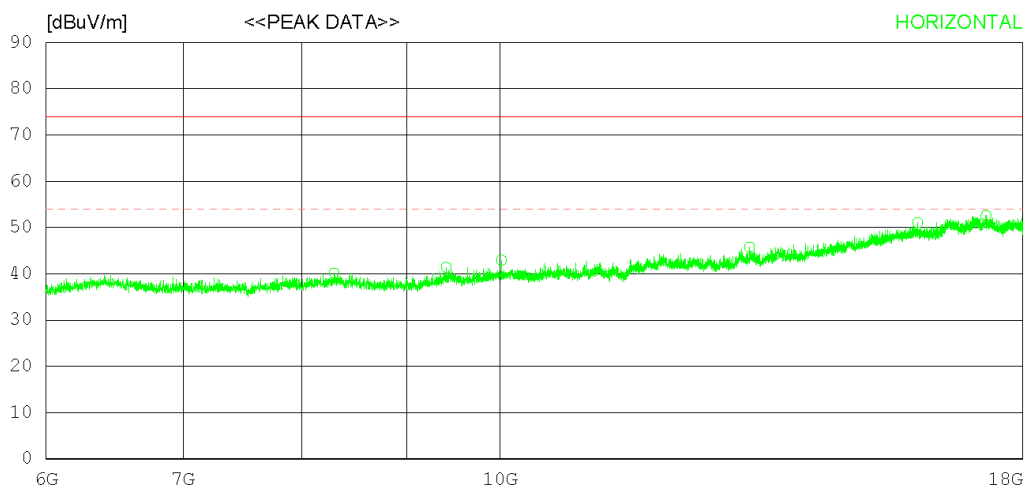
RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRE SYN

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

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	8296.500	33.50	31.54	12.84	37.71	40.17	74.0	33.83	100	250
2	9409.500	34.10	32.28	14.21	39.18	41.41	74.0	32.59	400	0
3	10014.000	33.90	32.55	14.40	37.92	42.93	74.0	31.07	400	293
4	13237.500	33.40	33.64	16.77	38.02	45.79	74.0	28.21	199	0
5	15990.000	32.40	36.41	19.03	36.79	51.05	74.0	22.95	100	189
6	17269.500	32.90	37.76	19.38	37.49	52.55	74.0	21.45	299	358
----- Vertical -----										
7	6417.000	35.60	31.61	11.18	38.62	39.77	74.0	34.23	300	0
8	9927.000	33.50	32.52	14.28	38.10	42.20	74.0	31.8	100	0
9	11980.500	33.00	33.44	15.64	37.69	44.39	74.0	29.61	400	349
10	12912.000	33.30	33.54	16.41	38.29	44.96	74.0	29.04	200	358
11	17037.000	32.70	37.58	20.02	37.29	53.01	74.0	20.99	300	0
12	17934.000	33.00	38.27	19.95	38.28	52.94	74.0	21.06	400	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	MCS-H06WP	Ear-Mic	EAB63728251

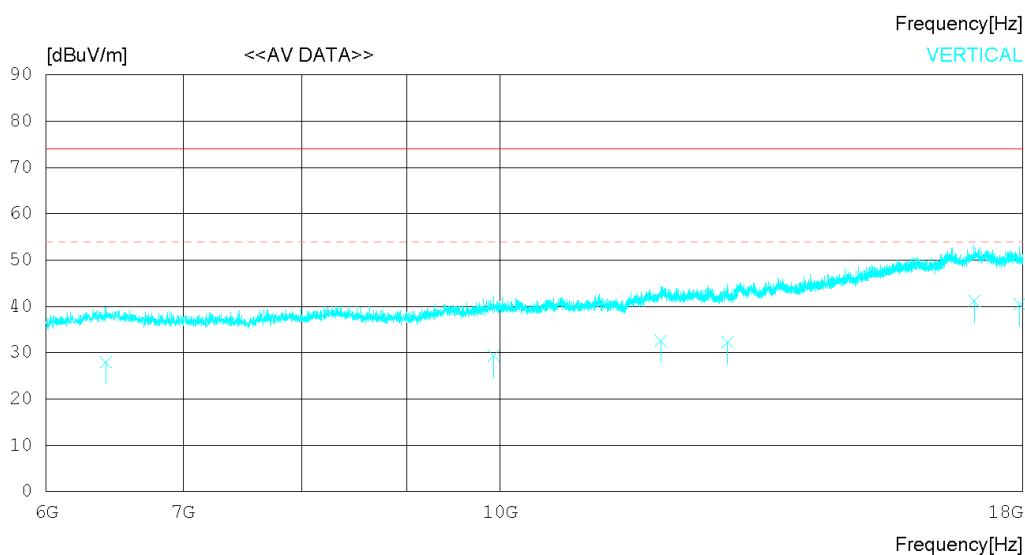
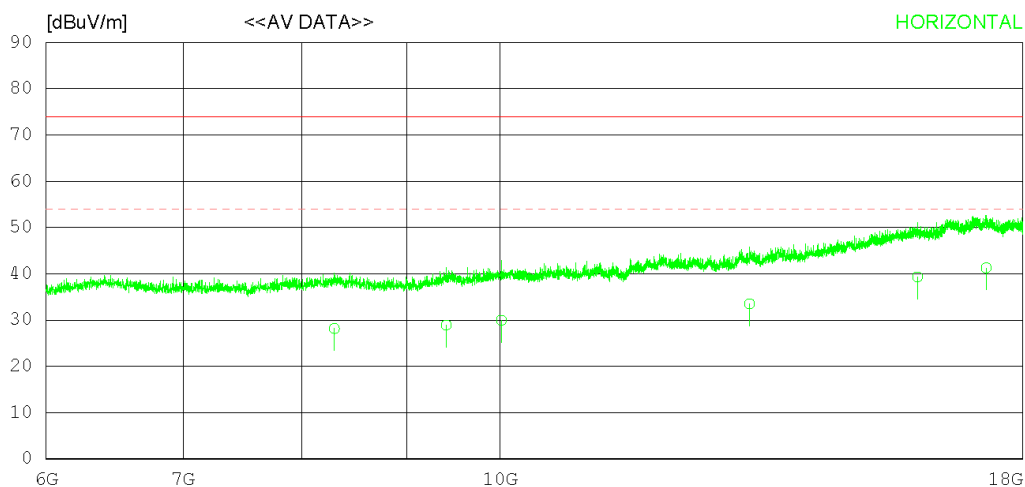
RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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

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	8298.236	21.50	31.54	12.84	37.71	28.17	54.00	25.83	100	242
2	9410.427	21.60	32.28	14.21	39.18	28.91	54.00	25.09	400	106
3	10013.620	20.90	32.55	14.40	37.92	29.93	54.00	24.07	400	275
4	13237.100	21.10	33.64	16.77	38.02	33.49	54.00	20.51	199	45
5	15989.670	20.70	36.41	19.03	36.79	39.35	54.00	14.65	100	264
6	17271.350	21.60	37.76	19.39	37.49	41.26	54.00	12.74	299	19
----- Vertical -----										
7	6417.650	23.80	31.61	11.18	38.62	27.97	54.00	26.03	300	317
8	9927.533	20.70	32.52	14.28	38.10	29.40	54.00	24.60	100	89
9	11980.040	21.20	33.44	15.64	37.69	32.59	54.00	21.41	400	180
10	12912.000	20.60	33.54	16.41	38.29	32.26	54.00	21.74	200	142
11	17038.730	20.90	37.58	20.01	37.29	41.20	54.00	12.80	300	9
12	17934.880	20.50	38.27	19.95	38.28	40.44	54.00	13.56	400	340

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	MCS-H06WP	Ear-Mic	EAB63728251

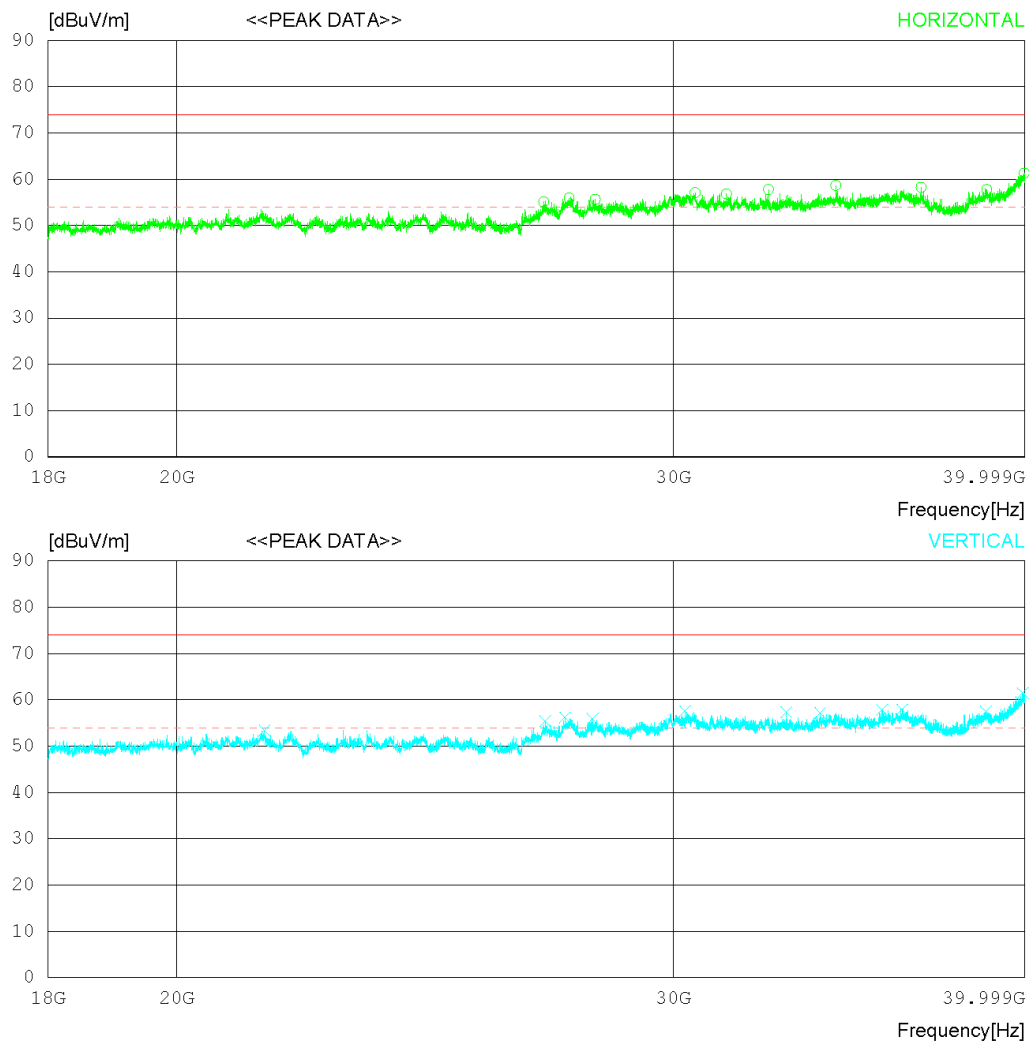
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRE SYN

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

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	26989.75041.70	46.86	20.65	54.13	55.08	74.0	18.92	100	358	
2	27556.25041.90	46.82	21.23	54.03	55.92	74.0	18.08	400	330	
3	28153.00041.30	46.88	21.42	53.92	55.68	74.0	18.32	100	358	
4	30548.25041.00	47.80	21.91	53.60	57.11	74.0	16.89	100	291	
5	31337.50040.80	47.60	21.99	53.60	56.79	74.0	17.21	300	358	
6	32434.75041.30	48.08	22.15	53.77	57.76	74.0	16.24	400	311	
7	34269.00041.90	48.31	22.85	54.41	58.65	74.0	15.35	400	0	
8	36744.00042.30	47.66	22.54	54.24	58.26	74.0	15.74	300	358	
9	38770.75040.20	47.77	23.10	53.30	57.77	74.0	16.23	200	0	
10	39978.00041.00	48.69	24.13	52.51	61.31	74.0	12.69	200	26	
----- Vertical -----										
11	21484.25044.20	45.77	18.69	55.29	53.37	74.0	20.63	100	193	
12	27022.75042.00	46.86	20.68	54.12	55.42	74.0	18.58	299	0	
13	27471.00042.20	46.83	21.21	54.04	56.20	74.0	17.8	299	0	
14	28092.50041.70	46.85	21.32	53.93	55.94	74.0	18.06	199	118	
15	30300.75041.40	47.95	21.82	53.60	57.57	74.0	16.43	100	4	
16	32913.25040.60	48.43	22.33	53.97	57.39	74.0	16.61	199	245	
17	33842.75040.40	48.15	23.01	54.34	57.22	74.0	16.78	400	358	
18	35597.25041.00	48.65	22.69	54.48	57.86	74.0	16.14	199	358	
19	36177.50041.10	48.28	22.98	54.44	57.92	74.0	16.08	299	0	
20	38754.25039.90	47.75	23.12	53.31	57.46	74.0	16.54	299	0	
21	39934.00041.30	48.66	24.05	52.54	61.47	74.0	12.53	100	164	

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	MCS-H06WP	Ear-Mic	EAB63728251

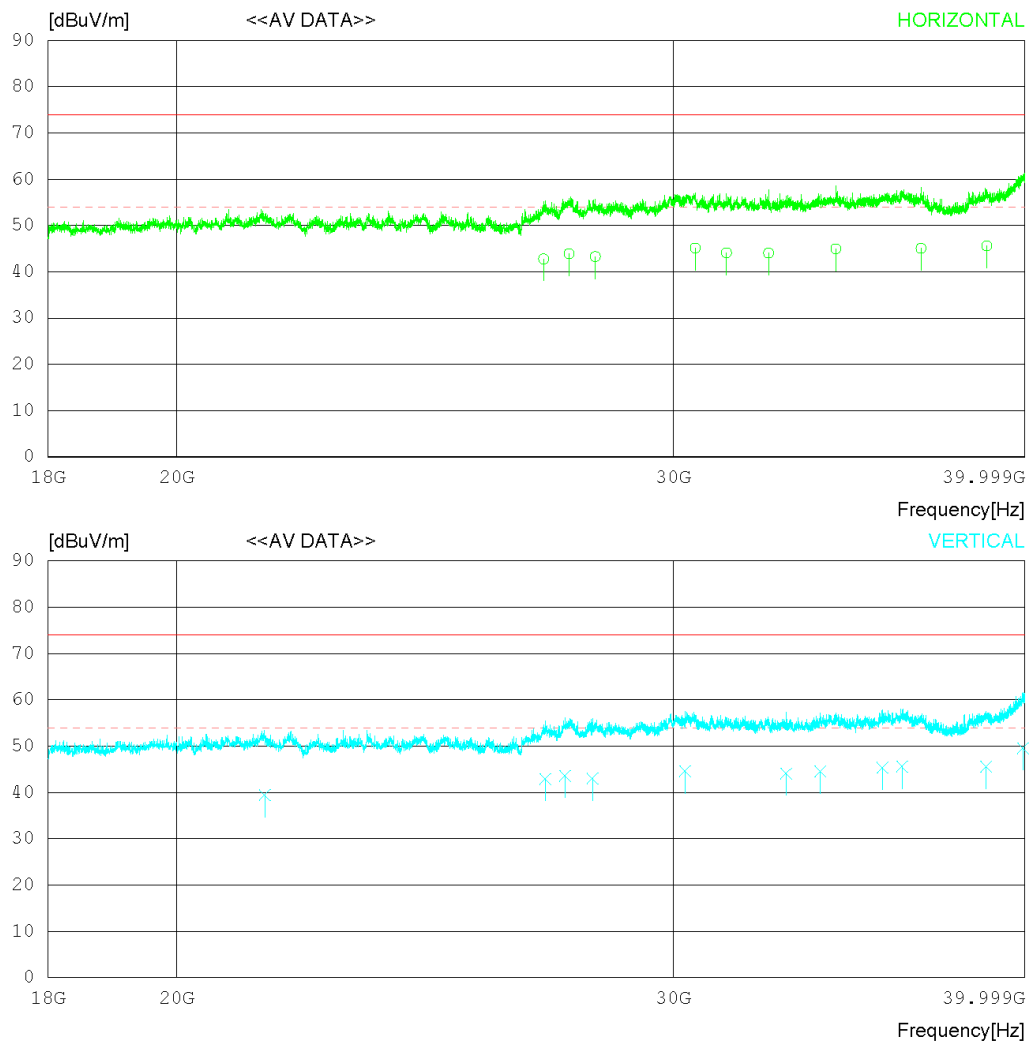
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19°C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_CRESYN

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV	FACTOR							
		[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	26989.83029.40	46.86	20.65	54.13	42.78	54.00	11.22	100	350	
2	27553.26029.90	46.82	21.23	54.03	43.92	54.00	10.08	400	289	
3	28154.61028.90	46.88	21.42	53.92	43.28	54.00	10.72	100	270	
4	30550.11029.00	47.80	21.91	53.60	45.11	54.00	8.89	100	335	
5	31338.49028.10	47.60	21.99	53.60	44.09	54.00	9.91	300	72	
6	32435.18027.60	48.08	22.15	53.77	44.06	54.00	9.94	400	132	
7	34271.17028.20	48.31	22.85	54.41	44.95	54.00	9.05	400	144	
8	36742.21029.10	47.66	22.55	54.24	45.07	54.00	8.93	300	1	
9	38771.45028.00	47.77	23.10	53.30	45.57	54.00	8.43	200	15	
----- Vertical -----										
10	21485.06030.20	45.77	18.69	55.29	39.37	54.00	14.63	100	74	
11	27023.55029.50	46.86	20.68	54.12	42.92	54.00	11.08	299	256	
12	27470.41029.60	46.83	21.21	54.04	43.60	54.00	10.40	299	167	
13	28091.16028.80	46.85	21.32	53.93	43.04	54.00	10.96	199	332	
14	30300.01028.40	47.95	21.82	53.60	44.57	54.00	9.43	100	84	
15	32914.02027.30	48.43	22.33	53.97	44.09	54.00	9.91	199	162	
16	33840.93027.70	48.15	23.01	54.34	44.52	54.00	9.48	400	152	
17	35598.32028.50	48.65	22.69	54.48	45.36	54.00	8.64	199	90	
18	36177.33028.80	48.28	22.98	54.44	45.62	54.00	8.38	299	47	
19	38752.49028.00	47.75	23.12	53.31	45.56	54.00	8.44	299	188	
20	39931.76029.40	48.66	24.05	52.54	49.57	54.00	4.43	100	163	

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	MCS-H06WP	Ear-Mic	EAB63728252

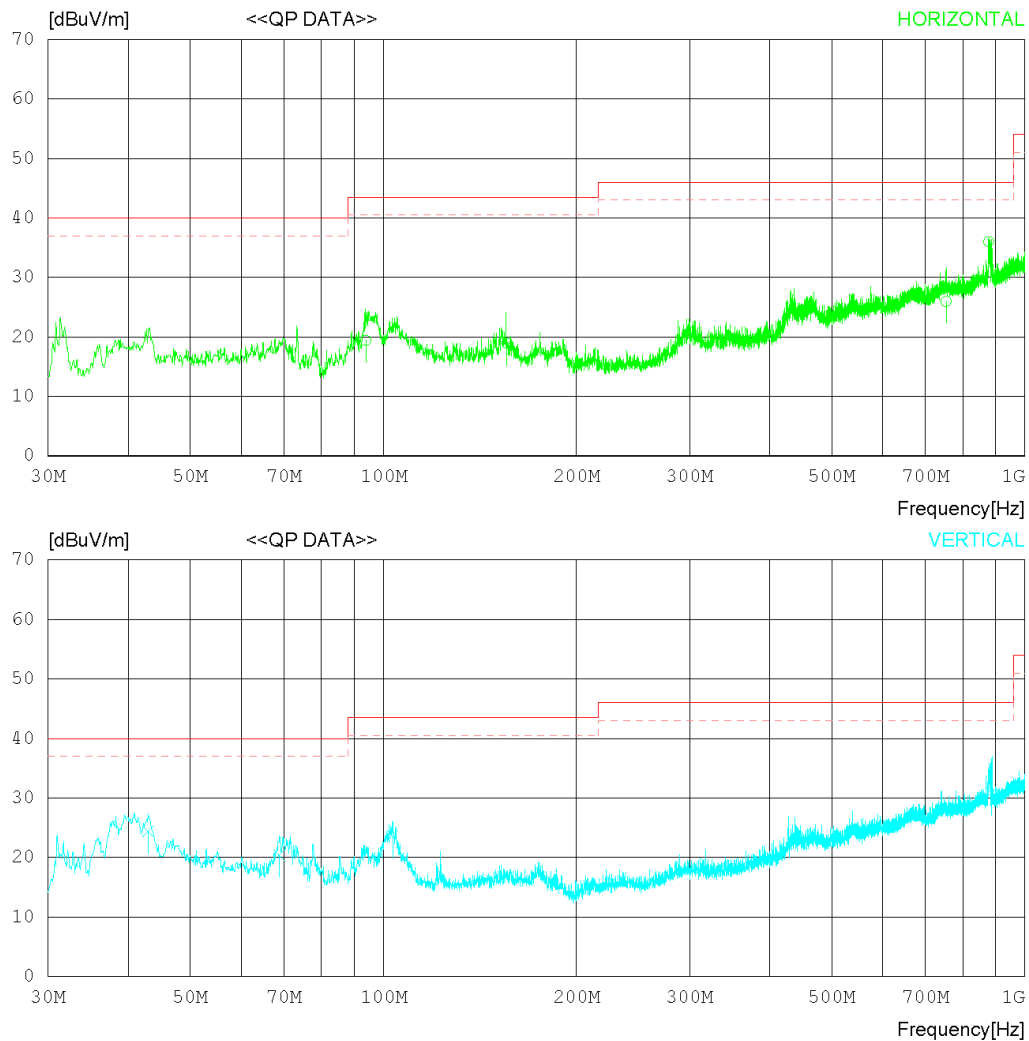
RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22°C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_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	93.822	28.70	13.86	2.54	25.71	19.39	43.50	24.11	300	45
2	155.693	22.70	18.90	3.00	25.66	18.94	43.50	24.56	200	87
3	753.475	17.40	28.40	5.99	25.81	25.98	46.00	20.02	100	107
4	878.088	26.40	29.12	6.31	25.80	36.03	46.00	9.97	100	334
----- Vertical -----										
5	42.949	30.60	17.59	2.01	25.81	24.39	40.00	15.61	100	265
6	68.780	27.10	16.72	2.32	25.76	20.38	40.00	19.62	130	142
7	103.332	31.00	15.67	2.64	25.70	23.61	43.50	19.89	142	179
8	888.042	21.00	29.26	6.34	25.82	30.78	46.00	15.22	200	223

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	MCS-H06WP	Ear-Mic	EAB63728252

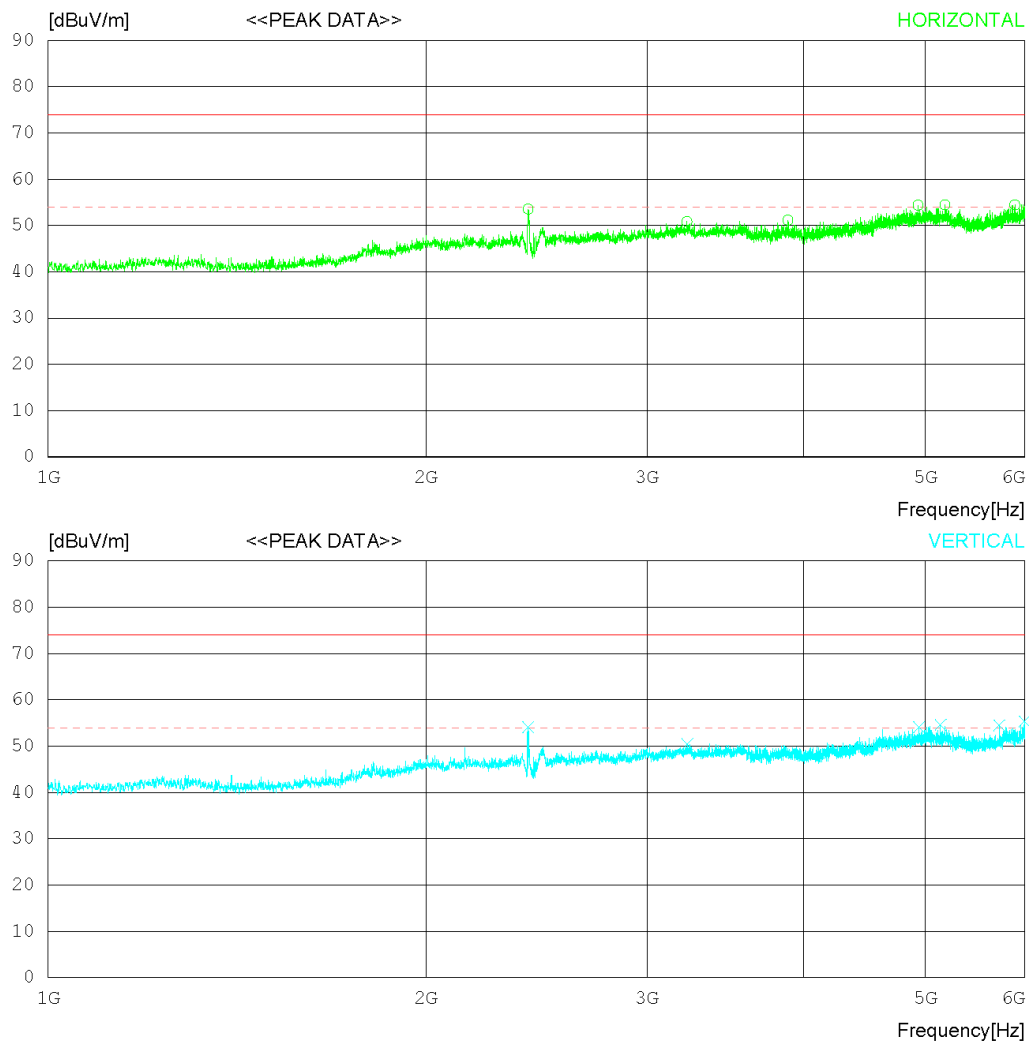
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	2412.500	49.30	31.88	7.21	34.83	53.56	74.0	20.44	100	0
2	3227.500	44.10	33.09	8.38	34.73	50.84	74.0	23.16	400	0
3	3885.000	42.70	33.44	9.41	34.40	51.15	74.0	22.85	100	0
4	4931.250	43.60	34.16	11.27	34.62	54.41	74.0	19.59	100	1
5	5180.000	43.60	34.20	11.30	34.66	54.44	74.0	19.56	400	34
6	5888.750	42.40	34.98	11.81	34.75	54.44	74.0	19.56	200	344
----- Vertical -----										
7	2412.500	49.80	31.88	7.21	34.83	54.06	74.0	19.94	100	74
8	3231.250	43.70	33.08	8.39	34.72	50.45	74.0	23.55	199	0
9	4940.625	43.30	34.18	11.28	34.62	54.14	74.0	19.86	199	355
10	5139.375	43.80	34.18	11.33	34.66	54.65	74.0	19.35	100	358
11	5726.250	42.90	34.65	11.65	34.73	54.47	74.0	19.53	400	359
12	5995.625	43.20	35.10	11.82	34.76	55.36	74.0	18.64	400	19

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	MCS-H06WP	Ear-Mic	EAB63728252

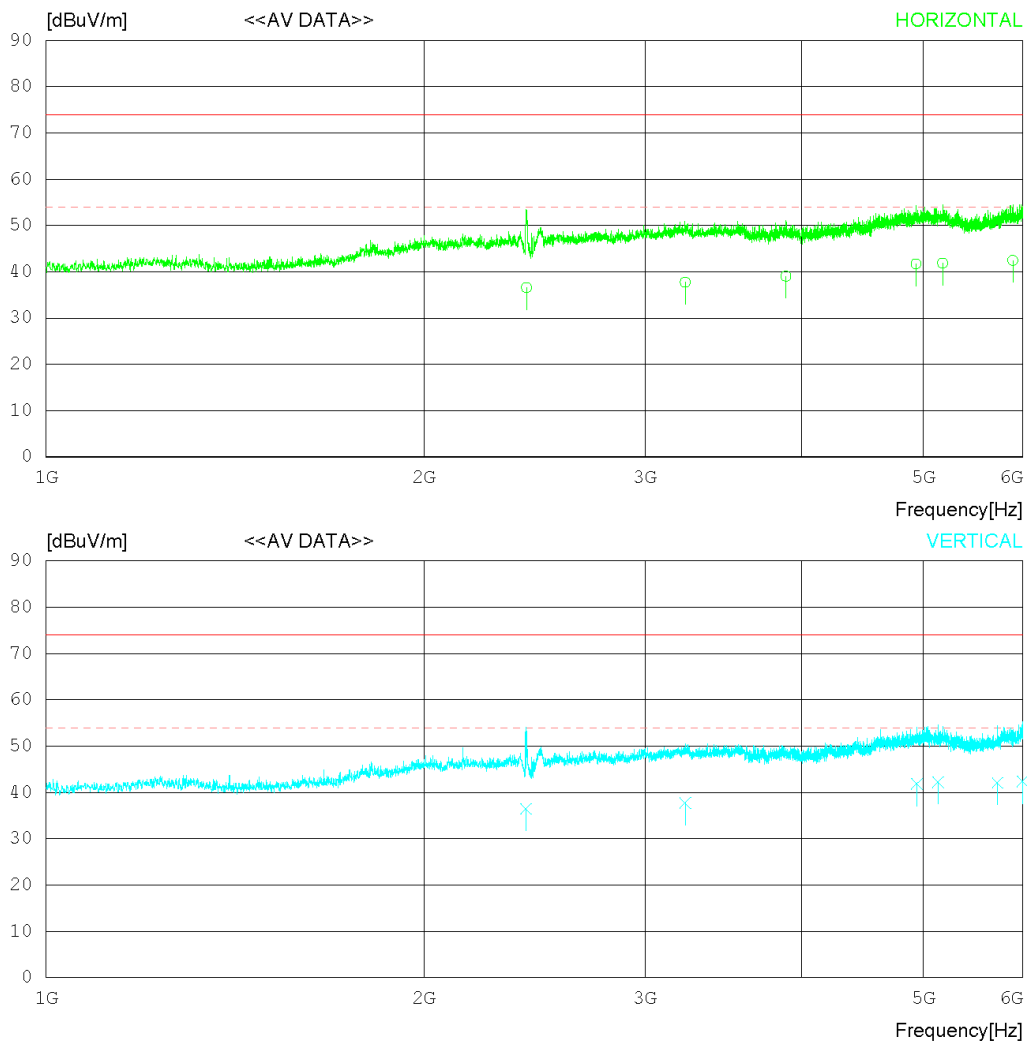
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	2413.673	32.30	31.88	7.21	34.83	36.56	54.00	17.44	100	350
2	3229.471	31.00	33.08	8.38	34.73	37.73	54.00	16.27	400	174
3	3884.652	30.60	33.44	9.41	34.40	39.05	54.00	14.95	100	358
4	4930.957	30.90	34.16	11.26	34.62	41.70	54.00	12.30	100	124
5	5177.875	31.00	34.20	11.31	34.66	41.85	54.00	12.15	400	119
6	5888.434	30.40	34.98	11.81	34.75	42.44	54.00	11.56	200	8
----- Vertical -----										
7	2412.807	32.20	31.88	7.21	34.83	36.46	54.00	17.54	100	174
8	3230.890	31.00	33.08	8.38	34.72	37.74	54.00	16.26	199	26
9	4940.110	31.00	34.18	11.28	34.62	41.84	54.00	12.16	199	95
10	5137.246	31.40	34.17	11.32	34.66	42.23	54.00	11.77	100	356
11	5728.278	30.50	34.66	11.65	34.73	42.08	54.00	11.92	400	1
12	5996.016	30.20	35.10	11.83	34.76	42.37	54.00	11.63	400	78

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	MCS-H06WP	Ear-Mic	EAB63728252

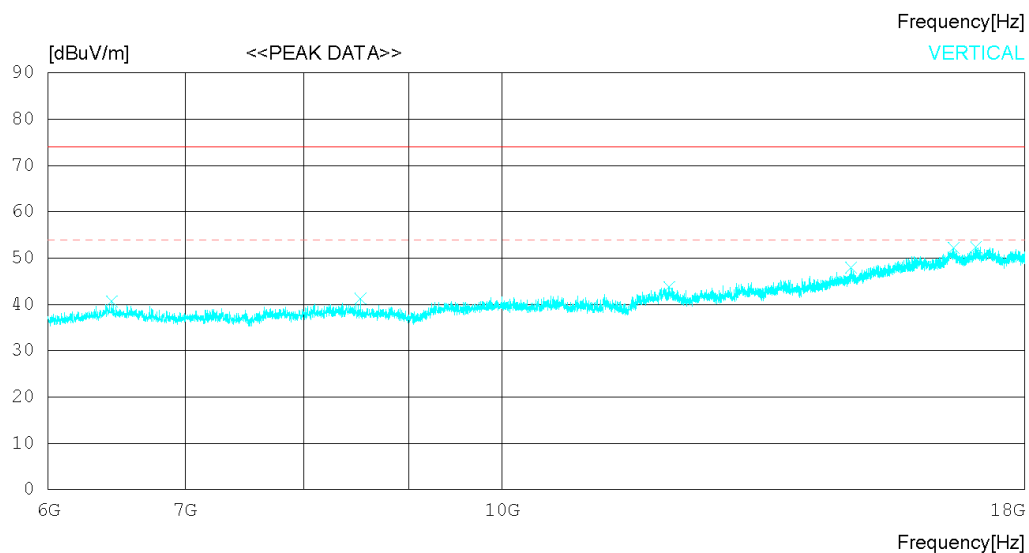
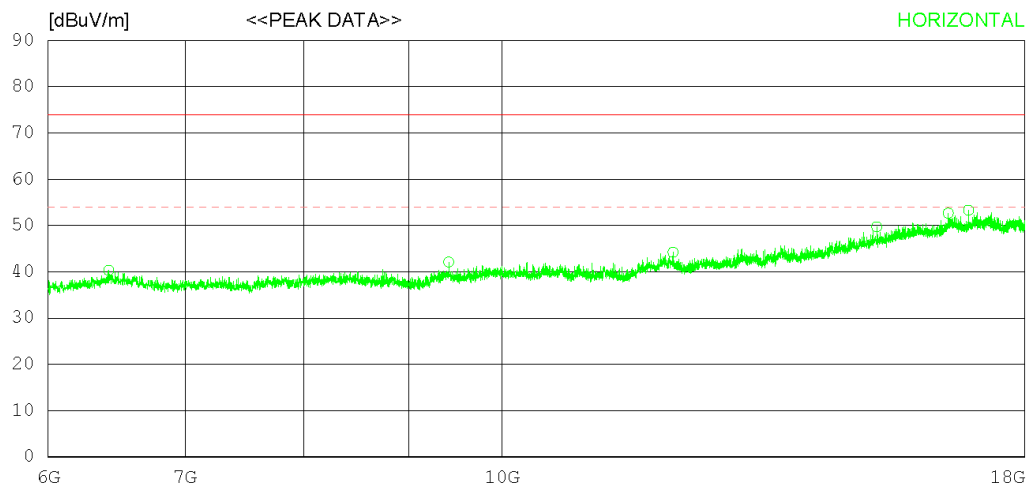
RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	6423.000	36.10	31.61	11.19	38.62	40.28	74.0	33.72	200	0
2	9415.500	34.80	32.29	14.21	39.18	42.12	74.0	31.88	100	45
3	12117.000	33.00	33.47	15.59	37.87	44.19	74.0	29.81	100	358
4	15237.000	32.80	35.68	18.27	37.04	49.71	74.0	24.29	300	358
5	16513.500	32.80	37.00	19.68	36.82	52.66	74.0	21.34	200	0
6	16893.000	33.60	37.43	19.45	37.16	53.32	74.0	20.68	400	0
----- Vertical -----										
7	6445.500	36.50	31.60	11.19	38.59	40.70	74.0	33.3	199	358
8	8526.000	34.30	31.72	12.93	37.67	41.28	74.0	32.72	100	151
9	12067.500	32.40	33.47	15.63	37.78	43.72	74.0	30.28	199	358
10	14806.500	32.10	35.15	17.91	37.26	47.90	74.0	26.1	100	155
11	16614.000	32.00	37.11	20.01	36.91	52.21	74.0	21.79	100	0
12	17035.500	32.10	37.58	20.03	37.29	52.42	74.0	21.58	299	0

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	MCS-H06WP	Ear-Mic	EAB63728252

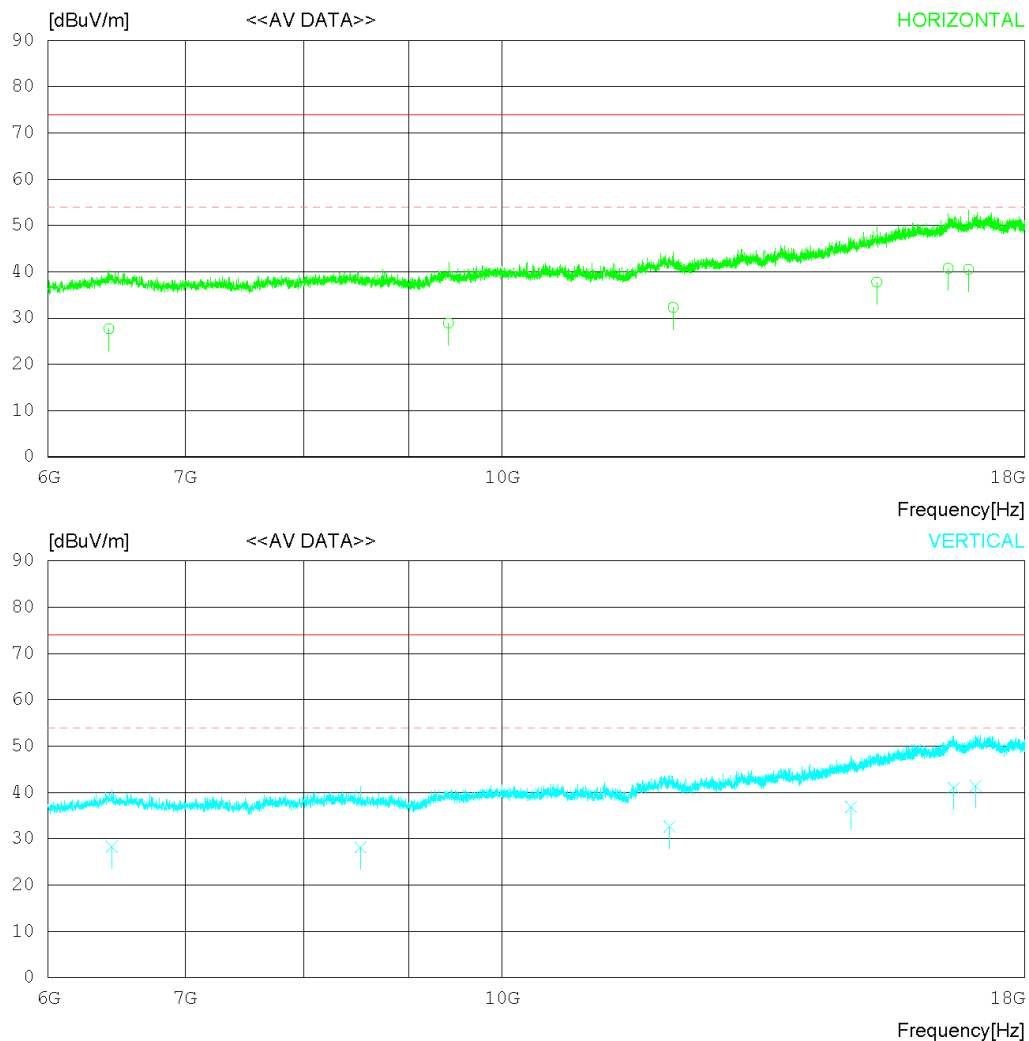
RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-08

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	6424.750	23.50	31.61	11.19	38.61	27.69	54.00	26.31	200	158
2	9412.896	21.60	32.29	14.21	39.18	28.92	54.00	25.08	100	44
3	12117.190	21.10	33.47	15.59	37.87	32.29	54.00	21.71	100	195
4	15236.950	20.90	35.68	18.27	37.04	37.81	54.00	16.19	300	169
5	16515.240	20.90	37.00	19.68	36.82	40.76	54.00	13.24	200	148
6	16892.850	20.80	37.43	19.45	37.16	40.52	54.00	13.48	400	32
----- Vertical -----										
7	6444.388	24.10	31.60	11.19	38.59	28.30	54.00	25.70	199	216
8	8526.056	21.10	31.72	12.93	37.67	28.08	54.00	25.92	100	157
9	12067.580	21.30	33.47	15.63	37.78	32.62	54.00	21.38	199	89
10	14806.440	21.10	35.15	17.91	37.26	36.90	54.00	17.10	100	177
11	16615.930	20.80	37.12	20.00	36.91	41.01	54.00	12.99	100	42
12	17033.540	21.10	37.58	20.04	37.29	41.43	54.00	12.57	299	356

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	MCS-H06WP	Ear-Mic	EAB63728252

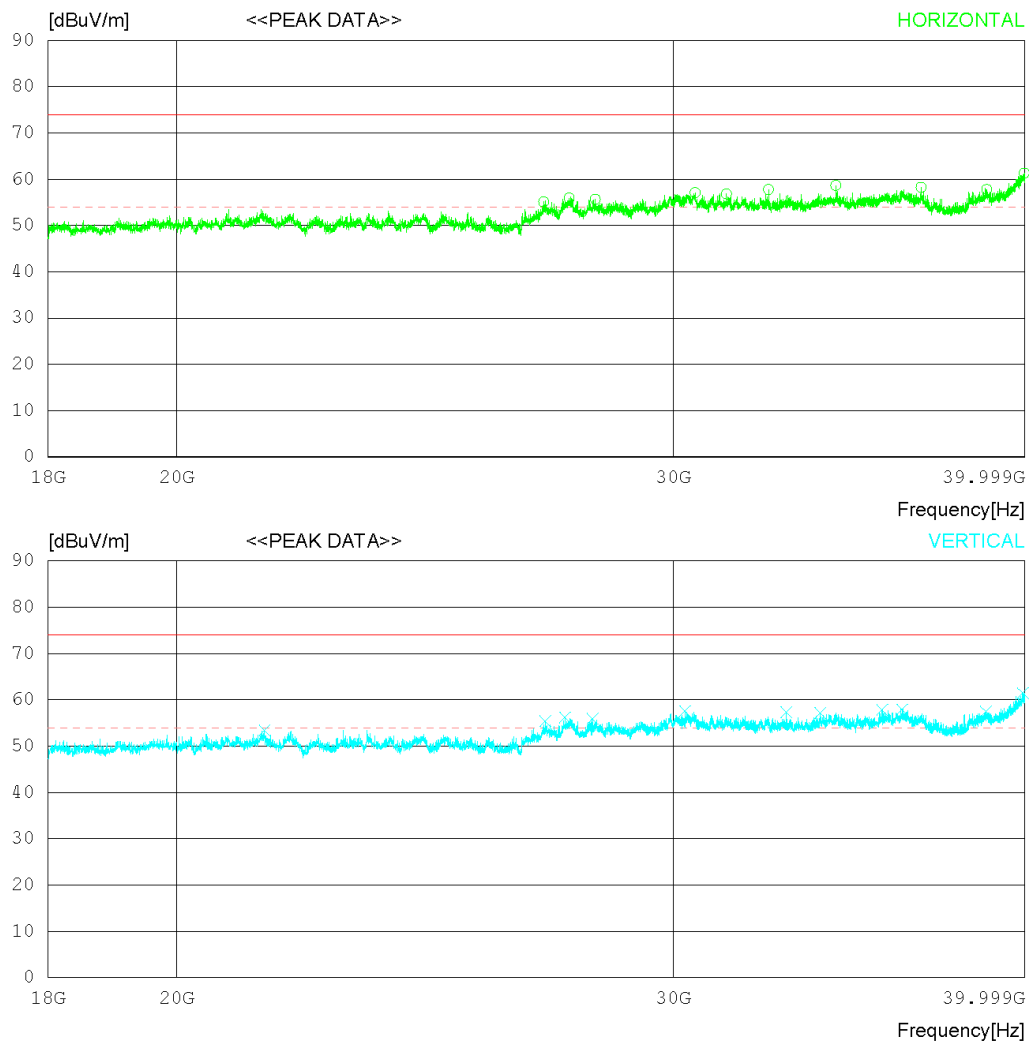
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	26989.75041.70	46.86	20.65	54.13	55.08	74.0	18.92	100	358	
2	27556.25041.90	46.82	21.23	54.03	55.92	74.0	18.08	400	330	
3	28153.00041.30	46.88	21.42	53.92	55.68	74.0	18.32	100	358	
4	30548.25041.00	47.80	21.91	53.60	57.11	74.0	16.89	100	291	
5	31337.50040.80	47.60	21.99	53.60	56.79	74.0	17.21	300	358	
6	32434.75041.30	48.08	22.15	53.77	57.76	74.0	16.24	400	311	
7	34269.00041.90	48.31	22.85	54.41	58.65	74.0	15.35	400	0	
8	36744.00042.30	47.66	22.54	54.24	58.26	74.0	15.74	300	358	
9	38770.75040.20	47.77	23.10	53.30	57.77	74.0	16.23	200	0	
10	39978.00041.00	48.69	24.13	52.51	61.31	74.0	12.69	200	26	
----- Vertical -----										
11	21484.25044.20	45.77	18.69	55.29	53.37	74.0	20.63	100	193	
12	27022.75042.00	46.86	20.68	54.12	55.42	74.0	18.58	299	0	
13	27471.00042.20	46.83	21.21	54.04	56.20	74.0	17.8	299	0	
14	28092.50041.70	46.85	21.32	53.93	55.94	74.0	18.06	199	118	
15	30300.75041.40	47.95	21.82	53.60	57.57	74.0	16.43	100	4	
16	32913.25040.60	48.43	22.33	53.97	57.39	74.0	16.61	199	245	
17	33842.75040.40	48.15	23.01	54.34	57.22	74.0	16.78	400	358	
18	35597.25041.00	48.65	22.69	54.48	57.86	74.0	16.14	199	358	
19	36177.50041.10	48.28	22.98	54.44	57.92	74.0	16.08	299	0	
20	38754.25039.90	47.75	23.12	53.31	57.46	74.0	16.54	299	0	
21	39934.00041.30	48.66	24.05	52.54	61.47	74.0	12.53	100	164	

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	MCS-H06WP	Ear-Mic	EAB63728252

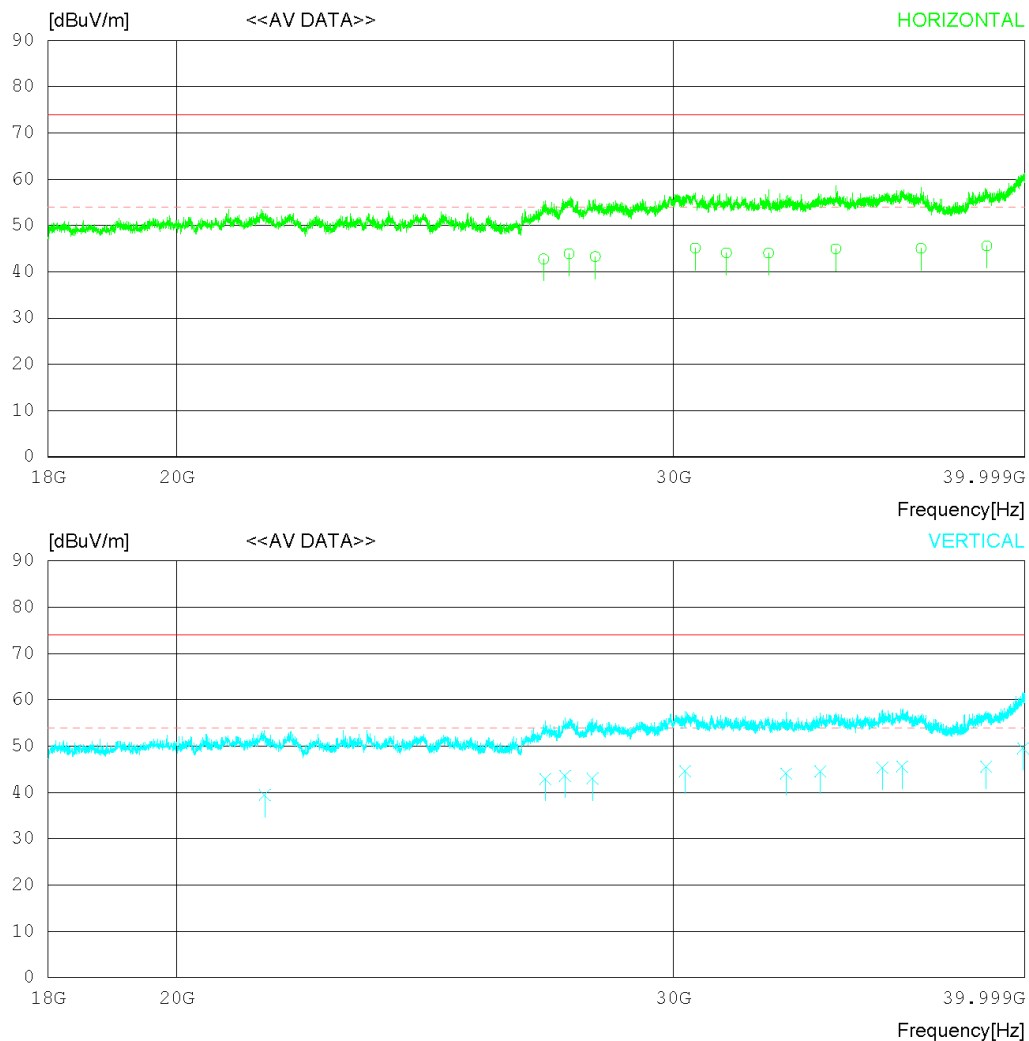
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19°C 41 % R.H.
Test Condition REAR CAMERA & FM RADIO

Memo MCS-H06WP_BUJEON

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

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	26989.83029.40	46.86	20.65	54.13	42.78	54.00	11.22	100	350	
2	27553.26029.90	46.82	21.23	54.03	43.92	54.00	10.08	400	289	
3	28154.61028.90	46.88	21.42	53.92	43.28	54.00	10.72	100	270	
4	30550.11029.00	47.80	21.91	53.60	45.11	54.00	8.89	100	335	
5	31338.49028.10	47.60	21.99	53.60	44.09	54.00	9.91	300	72	
6	32435.18027.60	48.08	22.15	53.77	44.06	54.00	9.94	400	132	
7	34271.17028.20	48.31	22.85	54.41	44.95	54.00	9.05	400	144	
8	36742.21029.10	47.66	22.55	54.24	45.07	54.00	8.93	300	1	
9	38771.45028.00	47.77	23.10	53.30	45.57	54.00	8.43	200	15	
----- Vertical -----										
10	21485.06030.20	45.77	18.69	55.29	39.37	54.00	14.63	100	74	
11	27023.55029.50	46.86	20.68	54.12	42.92	54.00	11.08	299	256	
12	27470.41029.60	46.83	21.21	54.04	43.60	54.00	10.40	299	167	
13	28091.16028.80	46.85	21.32	53.93	43.04	54.00	10.96	199	332	
14	30300.01028.40	47.95	21.82	53.60	44.57	54.00	9.43	100	84	
15	32914.02027.30	48.43	22.33	53.97	44.09	54.00	9.91	199	162	
16	33840.93027.70	48.15	23.01	54.34	44.52	54.00	9.48	400	152	
17	35598.32028.50	48.65	22.69	54.48	45.36	54.00	8.64	199	90	
18	36177.33028.80	48.28	22.98	54.44	45.62	54.00	8.38	299	47	
19	38752.49028.00	47.75	23.12	53.31	45.56	54.00	8.44	299	188	
20	39931.76029.40	48.66	24.05	52.54	49.57	54.00	4.43	100	163	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

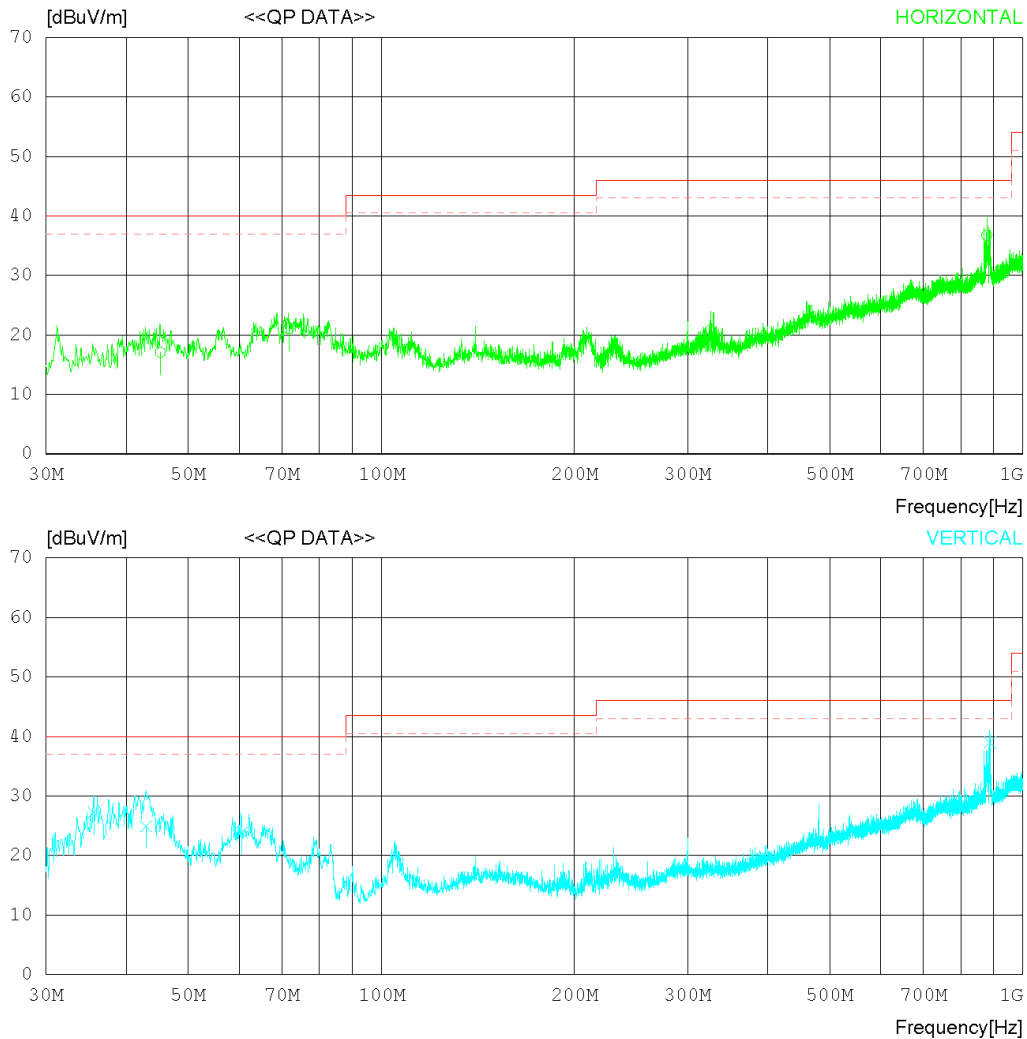
RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22 °C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22°C 41 % R.H.
Test Condition Wireless charging
Memo MCS-H06WP_CRESYN
LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
		[dBuV]	[dB]							
----- Horizontal -----										
1	45.202	23.10	17.74	2.04	25.80	17.08	40.00	22.92	300	69
2	71.679	28.20	16.26	2.36	25.76	21.06	40.00	18.94	315	173
3	326.127	23.00	19.72	4.01	25.87	20.86	46.00	25.14	124	195
4	878.496	27.10	29.12	6.31	25.80	36.73	46.00	9.27	203	359
----- Vertical -----										
5	35.614	35.20	15.92	1.92	25.81	27.23	40.00	12.77	114	74
6	42.988	31.10	17.60	2.01	25.81	24.90	40.00	15.10	220	189
7	60.503	29.50	17.90	2.20	25.78	23.82	40.00	16.18	100	265
8	888.068	29.20	29.26	6.34	25.82	38.98	46.00	7.02	106	352

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

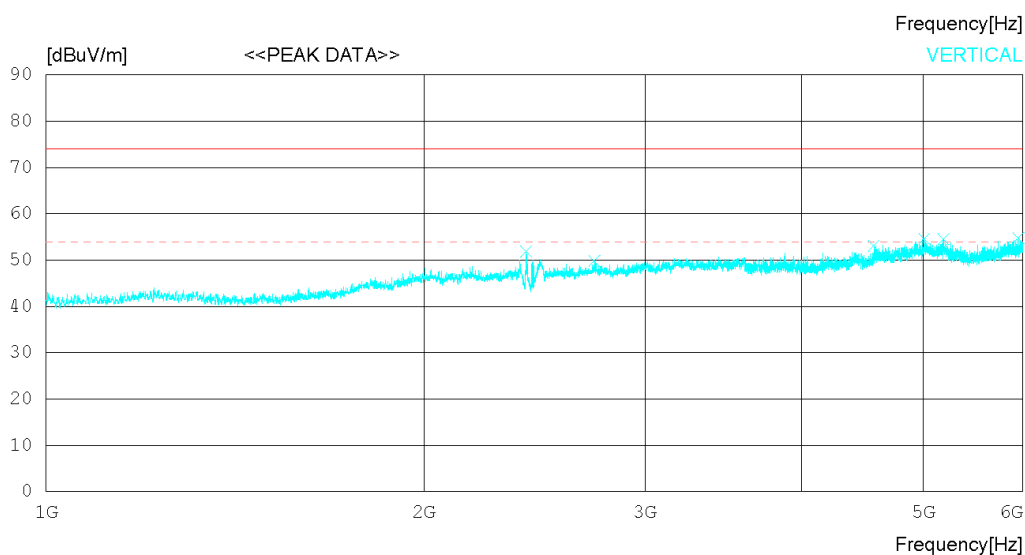
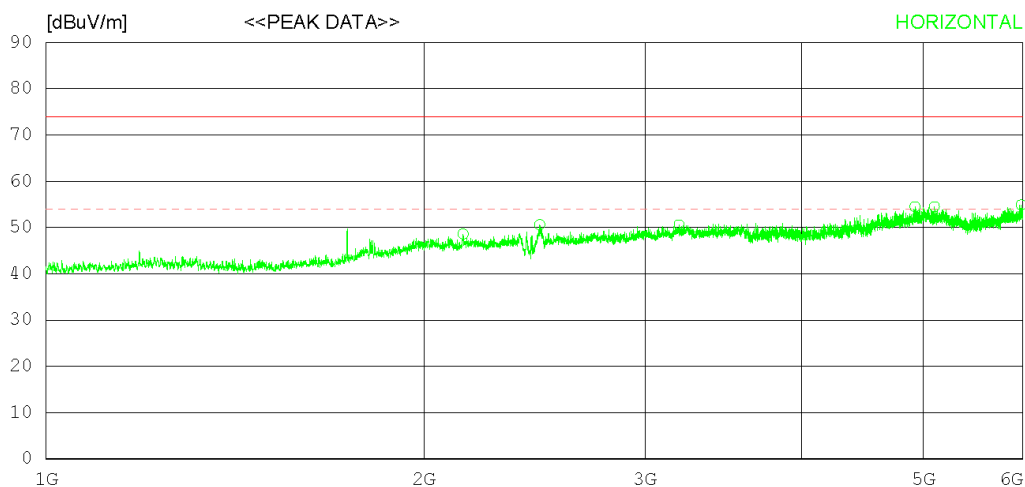
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 'C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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

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	2149.375	44.80	31.70	6.93	34.82	48.61	74.0	25.39	300	1
2	2473.125	46.00	32.19	7.26	34.83	50.62	74.0	23.38	400	113
3	3193.750	43.80	33.18	8.36	34.74	50.60	74.0	23.4	100	46
4	4921.875	43.70	34.14	11.26	34.62	54.48	74.0	19.52	300	0
5	5101.875	43.70	34.10	11.34	34.65	54.49	74.0	19.51	200	358
6	5980.625	42.70	35.10	11.83	34.76	54.87	74.0	19.13	400	223
----- Vertical -----										
7	2412.500	47.60	31.88	7.21	34.83	51.86	74.0	22.14	100	313
8	2733.750	44.50	32.53	7.62	34.83	49.82	74.0	24.18	300	113
9	4564.375	43.00	33.93	10.69	34.51	53.11	74.0	20.89	400	151
10	5008.125	43.80	34.12	11.37	34.64	54.65	74.0	19.35	300	262
11	5188.125	43.70	34.20	11.30	34.66	54.54	74.0	19.46	300	190
12	5952.500	42.60	35.10	11.82	34.75	54.77	74.0	19.23	100	97

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

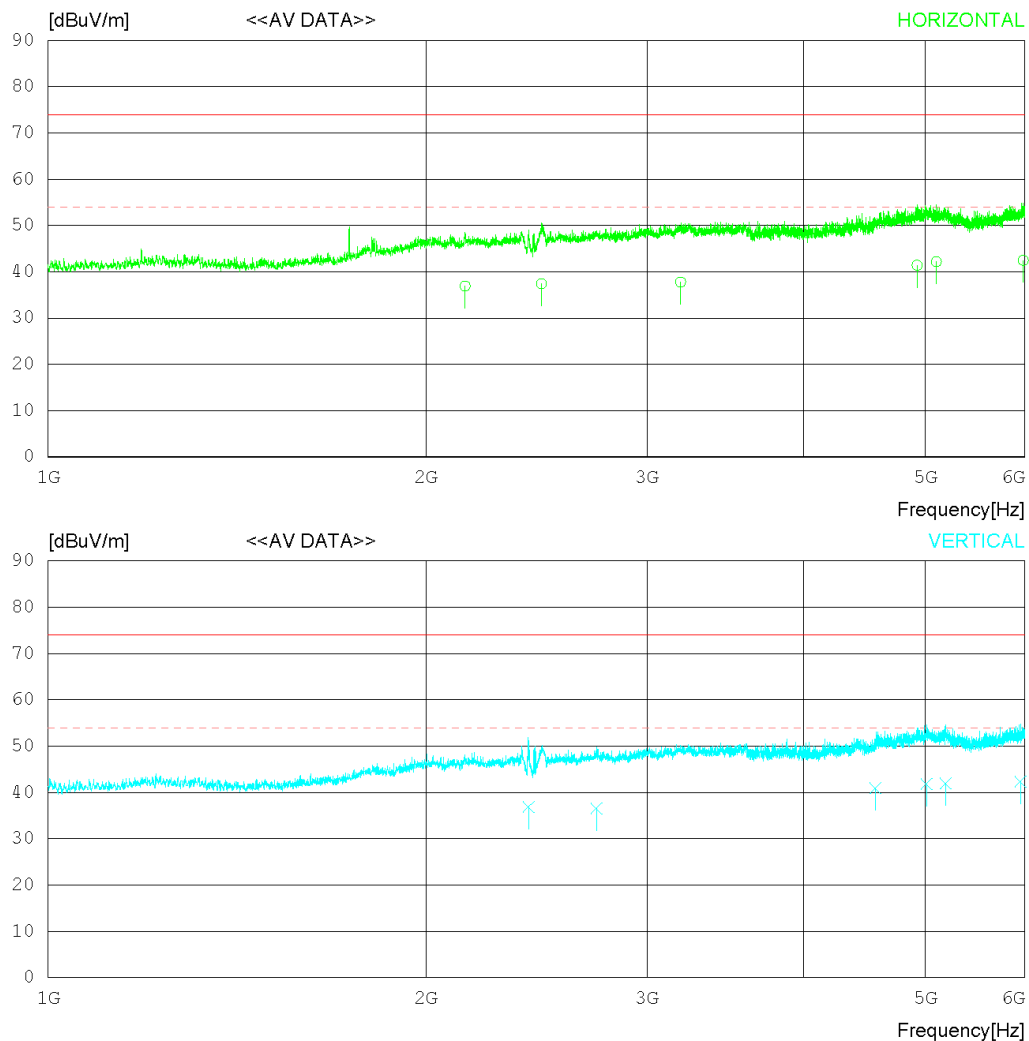
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 'C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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

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	2148.656	33.10	31.70	6.93	34.82	36.91	54.00	17.09	300	9
2	2472.138	32.80	32.19	7.26	34.83	37.42	54.00	16.58	400	110
3	3190.765	31.00	33.16	8.34	34.74	37.76	54.00	16.24	100	157
4	4923.319	30.60	34.15	11.26	34.62	41.39	54.00	12.61	300	1
5	5102.130	31.40	34.10	11.34	34.65	42.19	54.00	11.81	200	255
6	5982.350	30.30	35.10	11.83	34.76	42.47	54.00	11.53	400	123
----- Vertical -----										
7	2414.026	32.60	31.88	7.21	34.83	36.86	54.00	17.14	100	186
8	2734.319	31.20	32.53	7.62	34.83	36.52	54.00	17.48	300	120
9	4562.077	30.80	33.92	10.69	34.51	40.90	54.00	13.10	400	168
10	5009.512	31.00	34.12	11.37	34.64	41.85	54.00	12.15	300	264
11	5186.341	31.10	34.20	11.30	34.66	41.94	54.00	12.06	300	356
12	5949.808	30.20	35.10	11.82	34.75	42.37	54.00	11.63	100	70

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

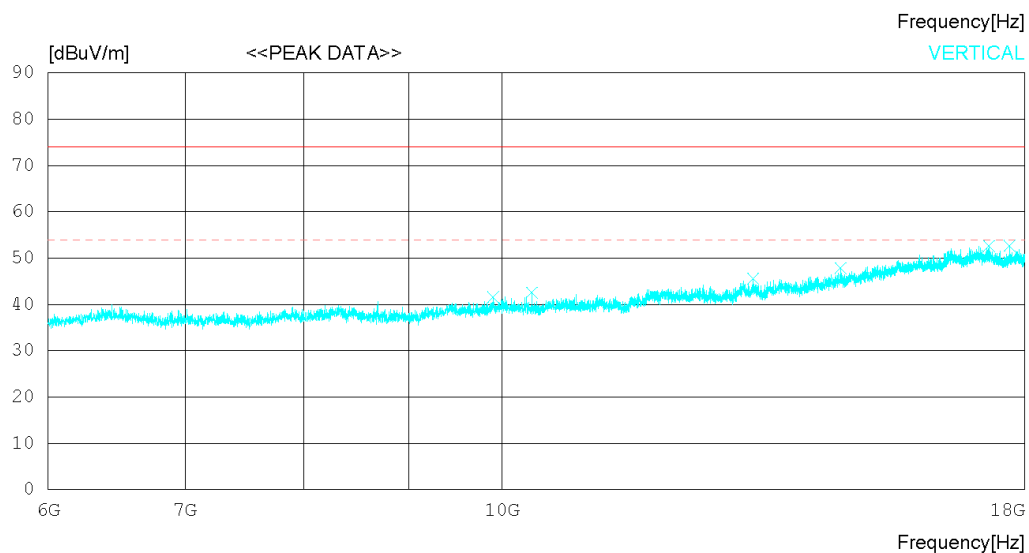
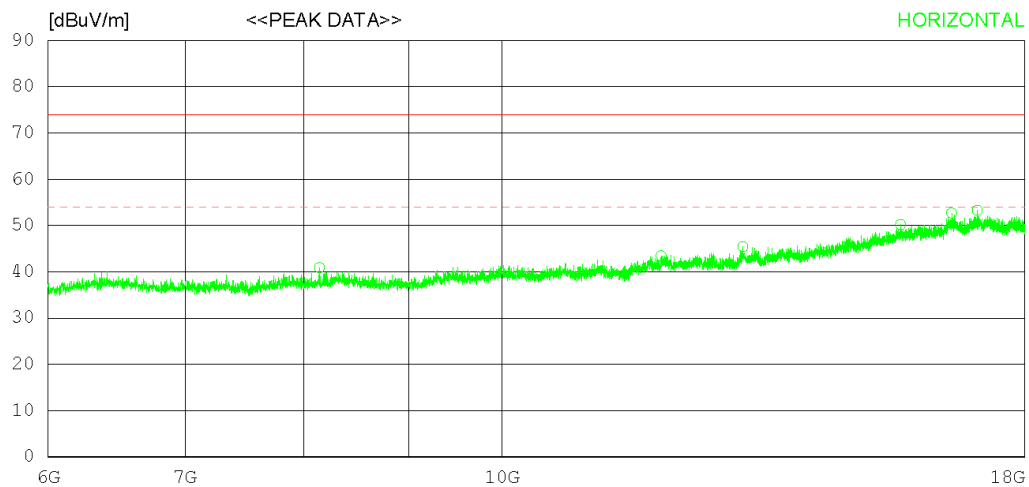
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRE SYN

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

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	8142.000	34.70	31.41	12.59	37.80	40.90	74.0	33.1	100	22
2	11955.000	32.20	33.41	15.60	37.74	43.47	74.0	30.53	300	0
3	13108.500	33.40	33.59	16.55	38.14	45.40	74.0	28.6	100	352
4	15649.500	32.10	36.08	18.86	36.83	50.21	74.0	23.79	100	155
5	16575.000	32.50	37.07	19.98	36.88	52.67	74.0	21.33	100	359
6	17061.000	33.10	37.60	19.90	37.31	53.29	74.0	20.71	300	7
----- Vertical -----										
7	9900.000	33.00	32.51	14.25	38.17	41.59	74.0	32.41	199	358
8	10338.000	33.60	32.50	14.51	38.06	42.55	74.0	31.45	199	358
9	13261.500	33.20	33.64	16.77	37.99	45.62	74.0	28.38	199	358
10	14628.000	32.50	34.88	17.73	37.29	47.82	74.0	26.18	100	0
11	17289.000	32.90	37.77	19.44	37.50	52.61	74.0	21.39	100	44
12	17697.000	32.80	38.09	19.73	37.95	52.67	74.0	21.33	199	196

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

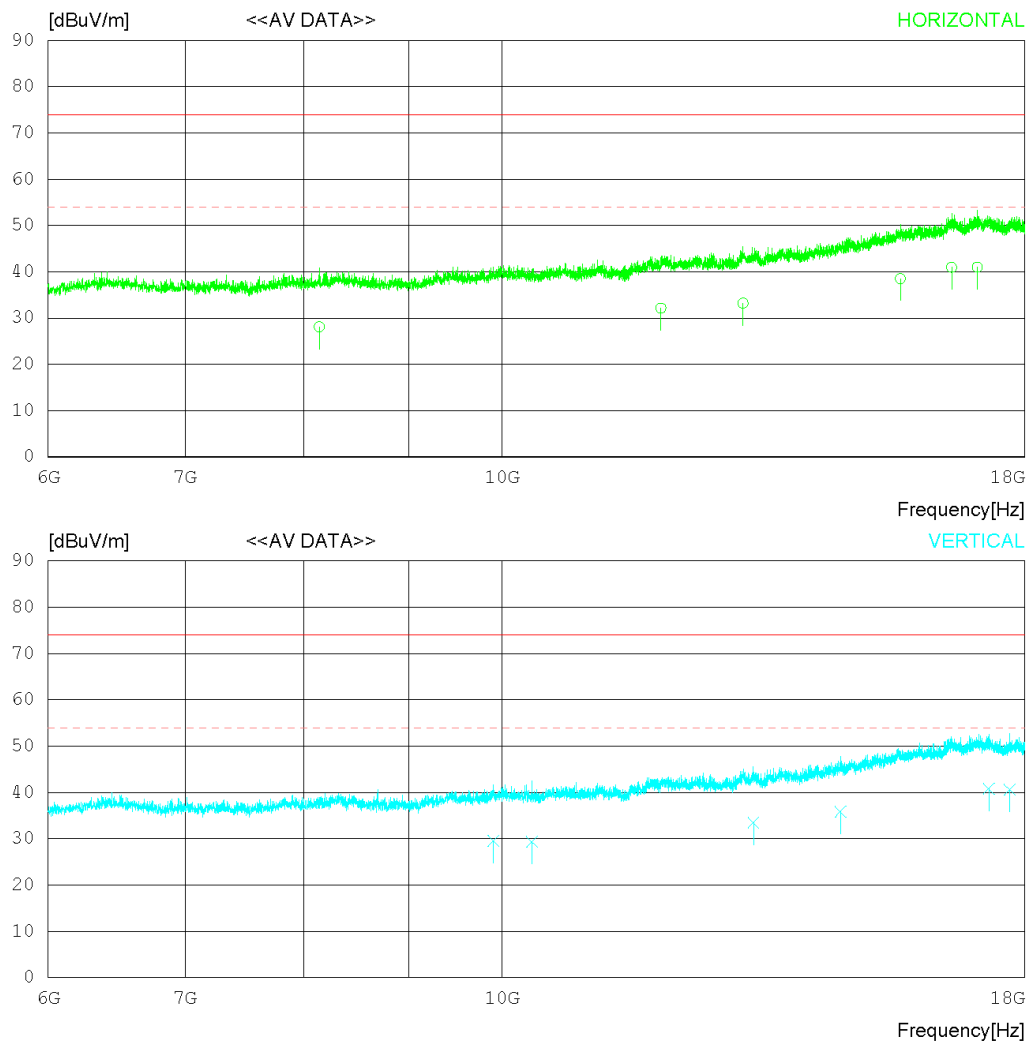
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRE SYN

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

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	8140.125	21.90	31.41	12.58	37.80	28.09	54.00	25.91	100	94
2	11953.730	20.90	33.41	15.58	37.74	32.15	54.00	21.85	300	256
3	13110.130	21.20	33.59	16.55	38.14	33.20	54.00	20.80	100	314
4	15647.310	20.40	36.08	18.86	36.83	38.51	54.00	15.49	100	112
5	16573.710	20.80	37.07	19.97	36.88	40.96	54.00	13.04	100	87
6	17059.290	20.80	37.60	19.91	37.31	41.00	54.00	13.00	300	8
----- Vertical -----										
7	9901.595	20.90	32.51	14.25	38.17	29.49	54.00	24.51	199	351
8	10339.370	20.40	32.50	14.51	38.06	29.35	54.00	24.65	199	15
9	13263.050	21.00	33.64	16.77	37.99	33.42	54.00	20.58	199	162
10	14625.800	20.50	34.87	17.73	37.29	35.81	54.00	18.19	100	265
11	17288.800	21.10	37.77	19.44	37.50	40.81	54.00	13.19	100	309
12	17698.460	20.70	38.09	19.73	37.95	40.57	54.00	13.43	199	1

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

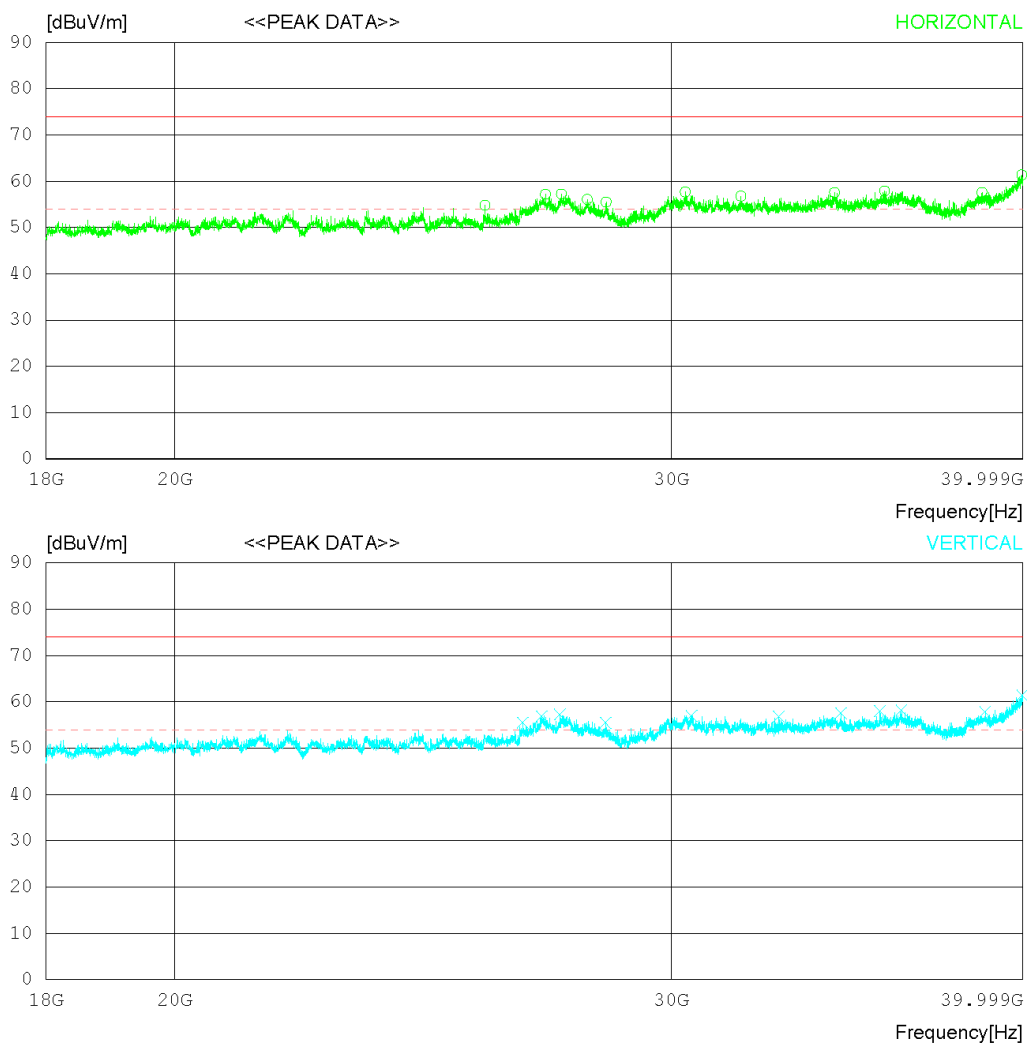
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRE SYN

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

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	25768.75043.20	46.56	19.45	54.42	54.79	74.0	19.21	100	0	
2	27075.00043.70	46.85	20.74	54.11	57.18	74.0	16.82	399	358	
3	27429.75043.30	46.83	21.15	54.05	57.23	74.0	16.77	199	358	
4	28015.50042.00	46.80	21.20	53.95	56.05	74.0	17.95	100	209	
5	28450.00040.40	47.06	21.90	53.87	55.49	74.0	18.51	399	358	
6	30350.25041.50	47.92	21.85	53.60	57.67	74.0	16.33	299	103	
7	31766.50040.40	47.71	22.25	53.60	56.76	74.0	17.24	299	154	
8	34291.00040.80	48.33	22.83	54.41	57.55	74.0	16.45	399	223	
9	35726.50041.00	48.60	22.78	54.49	57.89	74.0	16.11	399	4	
10	38682.75040.10	47.67	23.16	53.36	57.57	74.0	16.43	100	27	
11	39958.75041.10	48.68	24.09	52.53	61.34	74.0	12.66	199	358	
----- Vertical -----										
12	26580.00042.40	46.72	20.59	54.20	55.51	74.0	18.49	200	0	
13	26987.00043.50	46.86	20.65	54.13	56.88	74.0	17.12	300	359	
14	27394.00043.40	46.83	21.12	54.06	57.29	74.0	16.71	400	46	
15	28433.50040.50	47.05	21.87	53.87	55.55	74.0	18.45	100	236	
16	30509.75040.90	47.82	21.91	53.60	57.03	74.0	16.97	100	83	
17	32767.50040.10	48.32	22.25	53.91	56.76	74.0	17.24	200	261	
18	34472.50040.90	48.48	22.62	54.42	57.58	74.0	16.42	400	286	
19	35591.75041.10	48.66	22.69	54.48	57.97	74.0	16.03	300	359	
20	36218.75041.40	48.24	22.98	54.42	58.20	74.0	15.8	100	245	
21	38781.75040.30	47.78	23.10	53.29	57.89	74.0	16.11	400	0	
22	39989.00041.10	48.70	24.15	52.51	61.44	74.0	12.56	100	358	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728251

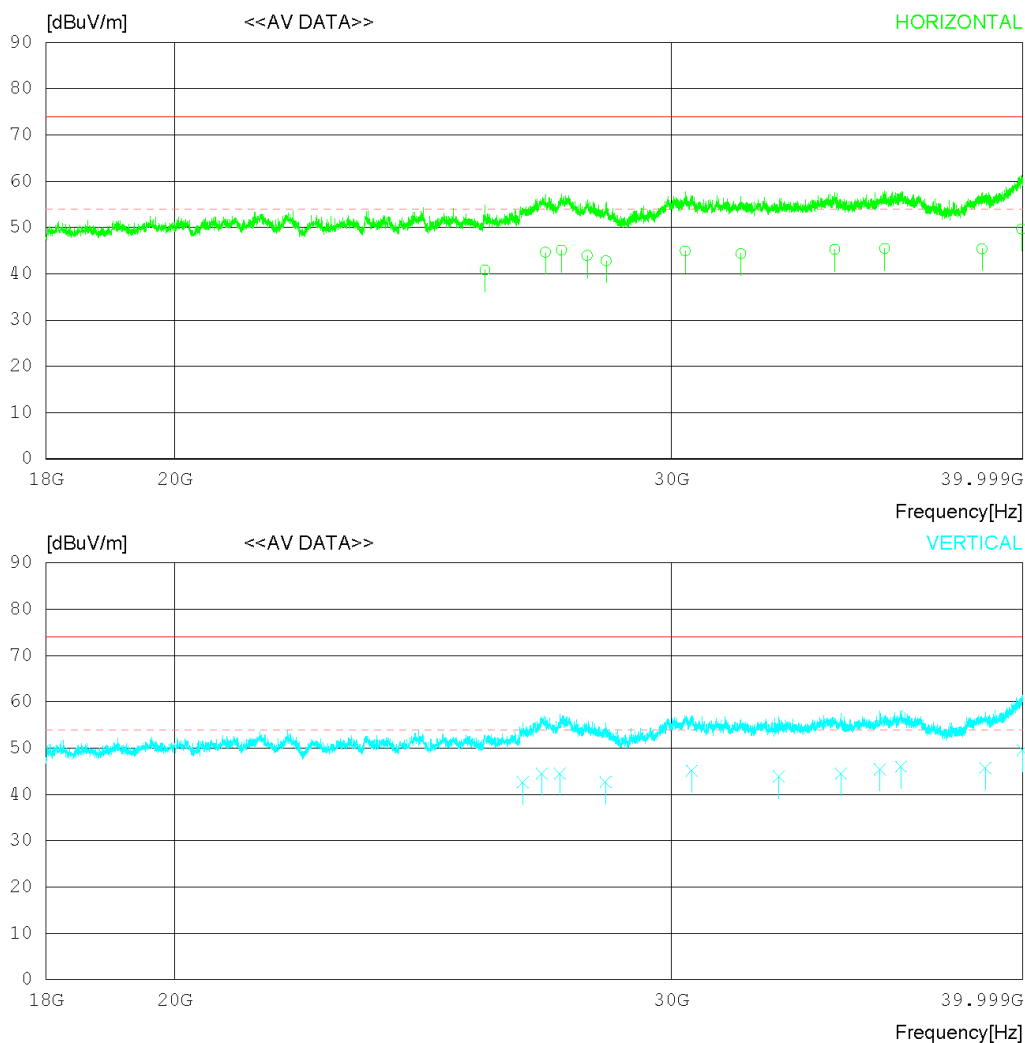
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRESYN

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_CRE SYN

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

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	25770.20029.20	46.56	19.46	54.41	40.81	54.00	13.19	100	14	
2	27074.72031.20	46.85	20.74	54.11	44.68	54.00	9.32	399	342	
3	27429.52031.20	46.83	21.15	54.05	45.13	54.00	8.87	199	188	
4	28012.96029.90	46.80	21.20	53.95	43.95	54.00	10.05	100	316	
5	28451.75027.70	47.07	21.90	53.87	42.80	54.00	11.20	399	166	
6	30349.77028.80	47.92	21.84	53.60	44.96	54.00	9.04	299	295	
7	31765.08028.00	47.71	22.25	53.60	44.36	54.00	9.64	299	76	
8	34293.35028.50	48.33	22.83	54.41	45.25	54.00	8.75	399	52	
9	35724.45028.60	48.60	22.77	54.49	45.48	54.00	8.52	399	4	
10	38681.94027.90	47.67	23.16	53.36	45.37	54.00	8.63	100	115	
11	39957.06029.40	48.68	24.09	52.53	49.64	54.00	4.36	199	242	
----- Vertical -----										
12	26579.33029.50	46.72	20.59	54.20	42.61	54.00	11.39	200	30	
13	26988.38031.10	46.86	20.65	54.13	44.48	54.00	9.52	300	54	
14	27393.43030.60	46.83	21.11	54.06	44.48	54.00	9.52	400	46	
15	28434.75027.60	47.06	21.87	53.87	42.66	54.00	11.34	100	176	
16	30508.83029.00	47.82	21.91	53.60	45.13	54.00	8.87	100	256	
17	32766.66027.20	48.32	22.25	53.91	43.86	54.00	10.14	200	89	
18	34472.06027.80	48.48	22.62	54.42	44.48	54.00	9.52	400	183	
19	35592.18028.60	48.66	22.69	54.48	45.47	54.00	8.53	300	355	
20	36215.55029.20	48.24	22.98	54.42	46.00	54.00	8.00	100	245	
21	38783.30028.10	47.78	23.10	53.29	45.69	54.00	8.31	400	3	
22	39988.73029.20	48.70	24.15	52.51	49.54	54.00	4.46	100	10	

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

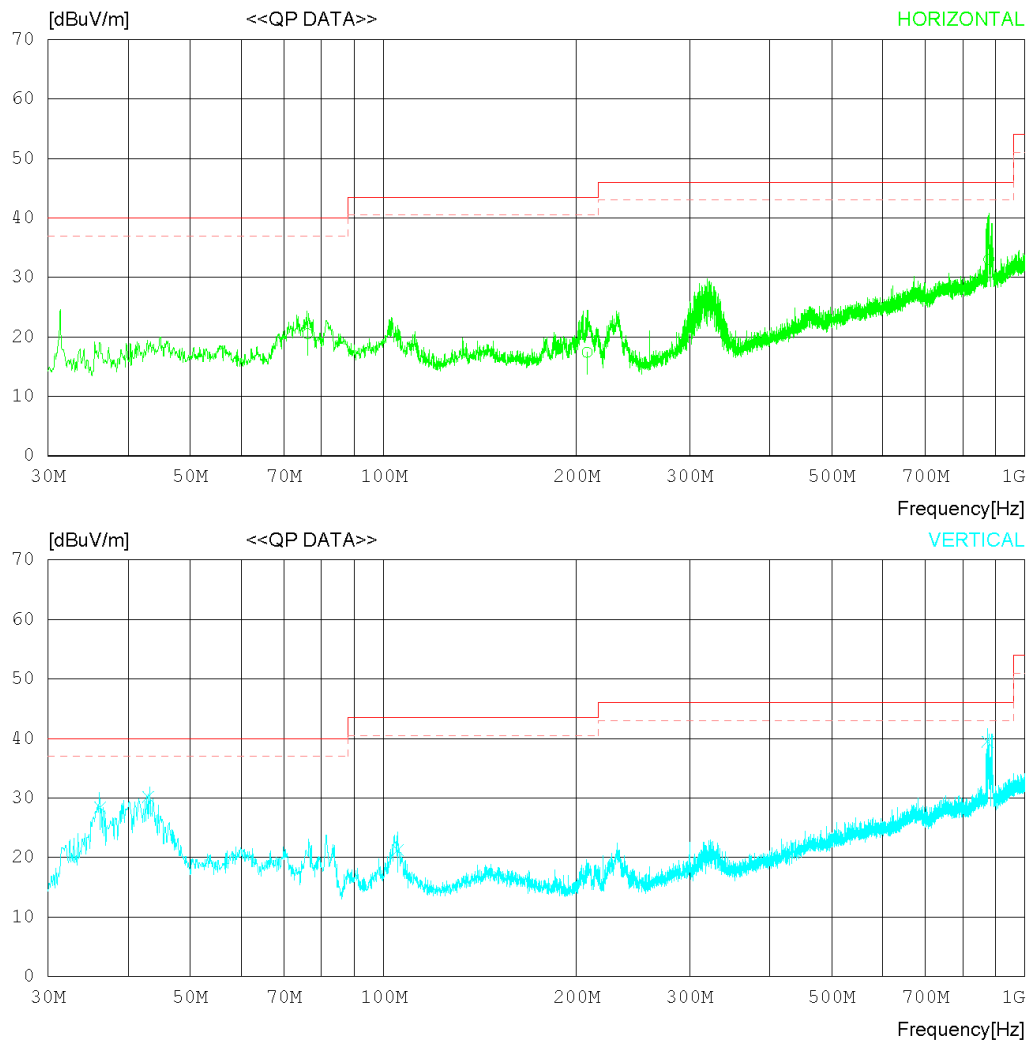
RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22 'C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-03

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 22°C 41 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_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	76.140	28.30	15.57	2.42	25.75	20.54	40.00	19.46	300	203
2	207.740	23.30	16.39	3.32	25.62	17.39	43.50	26.11	142	129
3	319.701	27.80	19.60	4.01	25.86	25.55	46.00	20.45	109	341
4	878.465	23.40	29.12	6.31	25.80	33.03	46.00	12.97	100	178
----- Vertical -----										
5	36.167	36.30	16.02	1.92	25.81	28.43	40.00	11.57	105	92
6	43.005	36.40	17.60	2.01	25.81	30.20	40.00	9.80	100	284
7	105.264	28.40	15.88	2.67	25.70	21.25	43.50	22.25	135	350
8	873.631	29.80	29.16	6.28	25.79	39.45	46.00	6.55	213	136

Radiated disturbance at (1 ~ 6) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

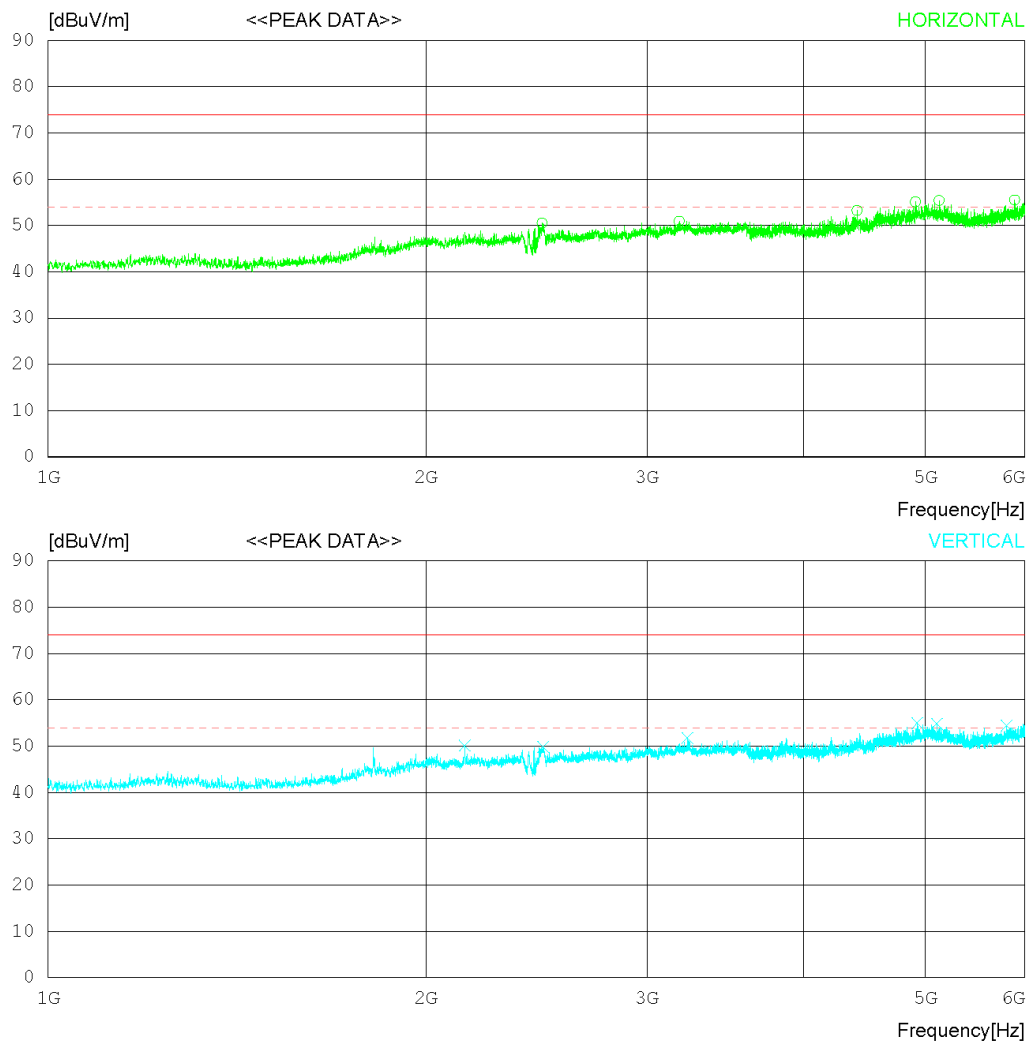
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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

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	2474.375	45.90	32.20	7.26	34.83	50.53	74.0	23.47	300	1
2	3182.500	44.20	33.13	8.34	34.75	50.92	74.0	23.08	200	346
3	4410.000	43.50	33.82	10.39	34.46	53.25	74.0	20.75	100	55
4	4906.875	44.40	34.11	11.22	34.61	55.12	74.0	18.88	200	89
5	5125.625	44.60	34.15	11.32	34.66	55.41	74.0	18.59	100	1
6	5887.500	43.50	34.98	11.81	34.75	55.54	74.0	18.46	200	161
----- Vertical -----										
7	2148.125	46.30	31.70	6.93	34.82	50.11	74.0	23.89	199	92
8	2479.375	45.20	32.22	7.26	34.83	49.85	74.0	24.15	299	52
9	3231.250	45.00	33.08	8.39	34.72	51.75	74.0	22.25	400	160
10	4926.250	44.20	34.15	11.26	34.62	54.99	74.0	19.01	100	9
11	5105.625	44.00	34.11	11.34	34.65	54.80	74.0	19.2	100	352
12	5802.500	42.70	34.71	11.79	34.74	54.46	74.0	19.54	199	116

Radiated disturbance at (1 ~ 6) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

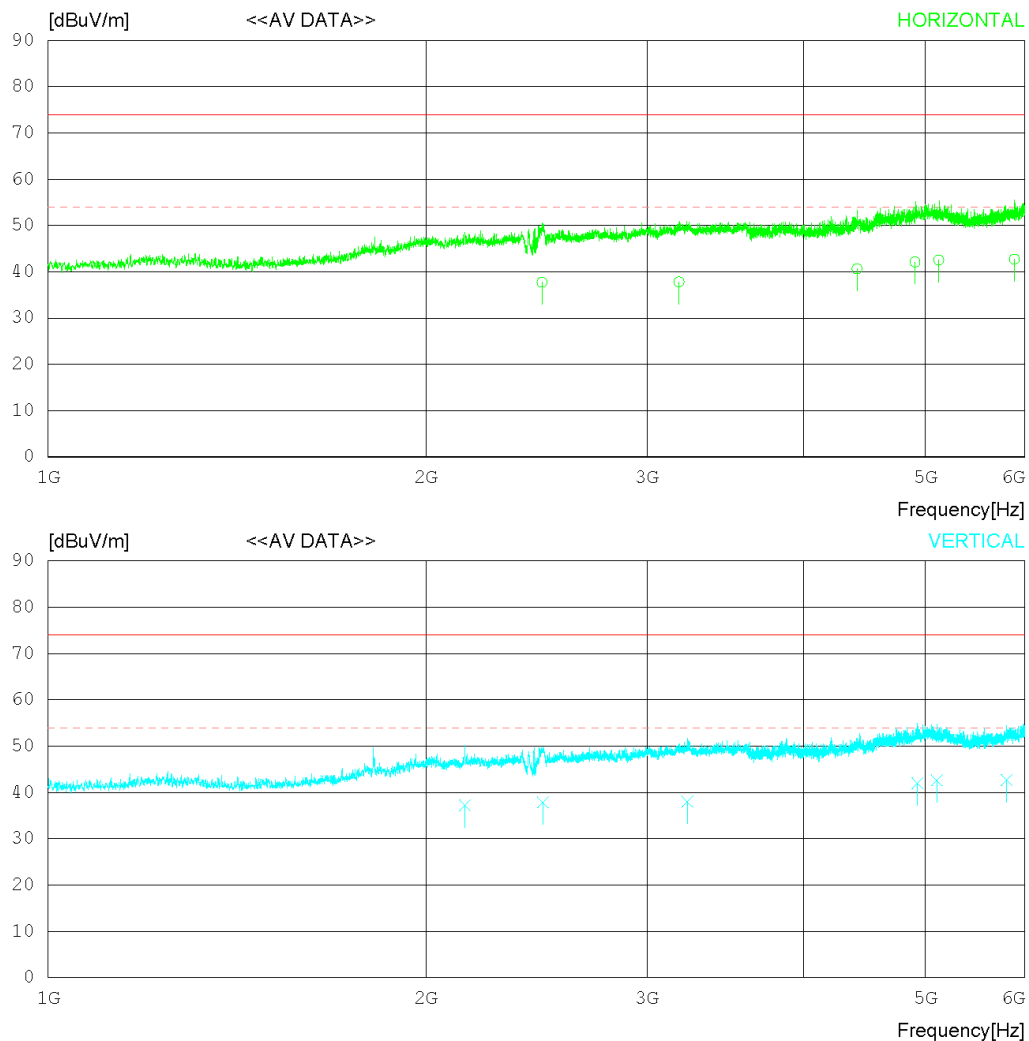
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 'C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 42 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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

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	2474.091	33.10	32.20	7.26	34.83	37.73	54.00	16.27	300	19
2	3181.465	31.10	33.13	8.34	34.75	37.82	54.00	16.18	200	346
3	4410.163	30.90	33.82	10.39	34.46	40.65	54.00	13.35	100	137
4	4905.094	31.40	34.11	11.21	34.61	42.11	54.00	11.89	200	275
5	5122.813	31.70	34.15	11.33	34.65	42.53	54.00	11.47	100	82
6	5885.522	30.70	34.97	11.81	34.75	42.73	54.00	11.27	200	2
----- Vertical -----										
7	2148.204	33.40	31.70	6.93	34.82	37.21	54.00	16.79	199	107
8	2479.231	33.20	32.22	7.26	34.83	37.85	54.00	16.15	299	48
9	3231.229	31.30	33.08	8.38	34.72	38.04	54.00	15.96	400	169
10	4925.152	31.20	34.15	11.26	34.62	41.99	54.00	12.01	100	9
11	5105.660	31.80	34.11	11.34	34.65	42.60	54.00	11.40	100	356
12	5802.711	30.90	34.71	11.79	34.74	42.66	54.00	11.34	199	142

Radiated disturbance at (6 ~ 18) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

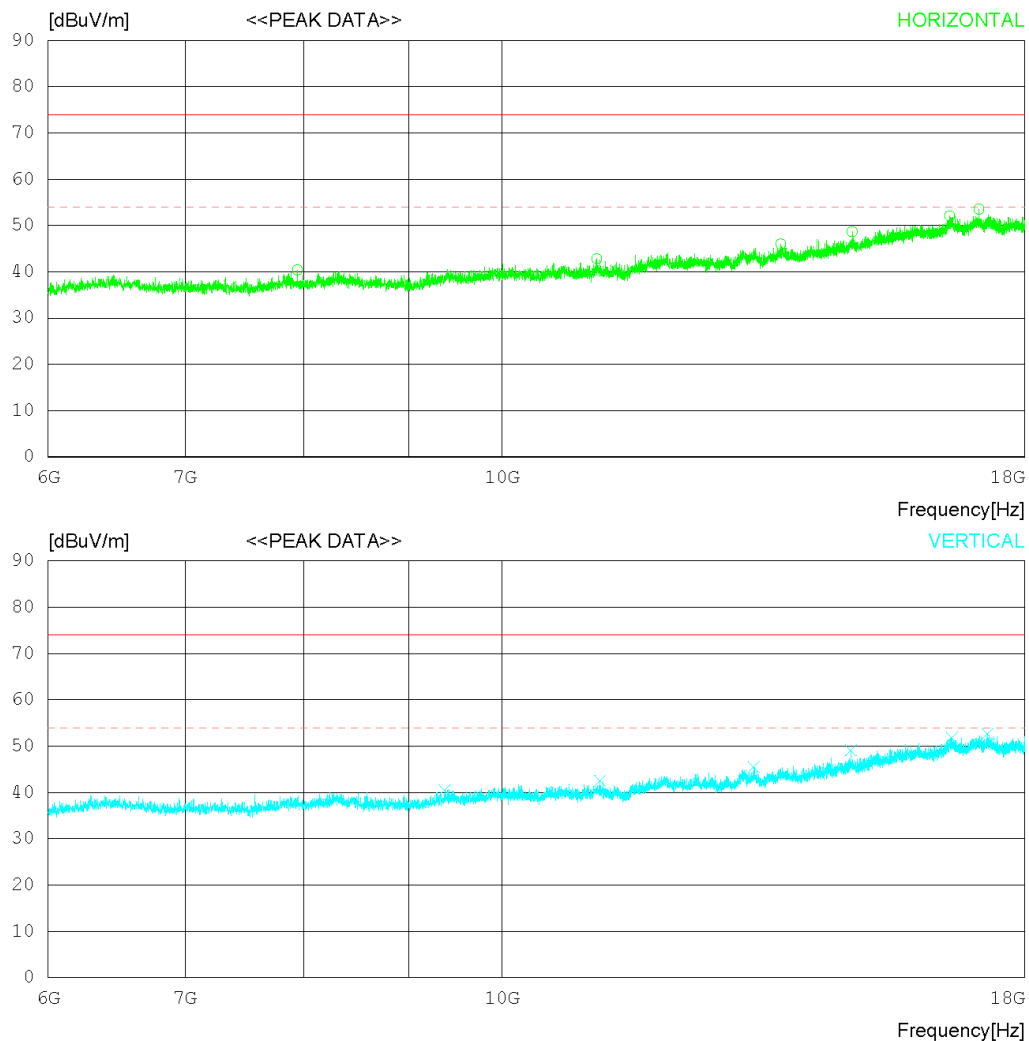
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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

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	7942.500	34.70	31.31	12.35	37.95	40.41	74.0	33.59	100	358
2	11121.000	33.60	32.54	14.88	38.20	42.82	74.0	31.18	100	347
3	13678.500	32.70	33.79	17.25	37.74	46.00	74.0	28	300	0
4	14821.500	32.80	35.18	17.92	37.26	48.64	74.0	25.36	100	358
5	16539.000	32.10	37.03	19.81	36.85	52.09	74.0	21.91	100	358
6	17092.500	33.50	37.62	19.74	37.34	53.52	74.0	20.48	100	116
----- Vertical -----										
7	9376.500	33.20	32.27	14.14	39.16	40.45	74.0	33.55	100	64
8	11160.000	33.30	32.58	14.87	38.23	42.52	74.0	31.48	100	149
9	13269.000	33.10	33.65	16.77	37.99	45.53	74.0	28.47	199	358
10	14802.000	33.30	35.15	17.91	37.26	49.10	74.0	24.9	100	0
11	16585.500	31.60	37.08	20.03	36.89	51.82	74.0	22.18	199	358
12	17263.500	33.00	37.75	19.37	37.48	52.64	74.0	21.36	100	0

Radiated disturbance at (6 ~ 18) GHz _Average measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

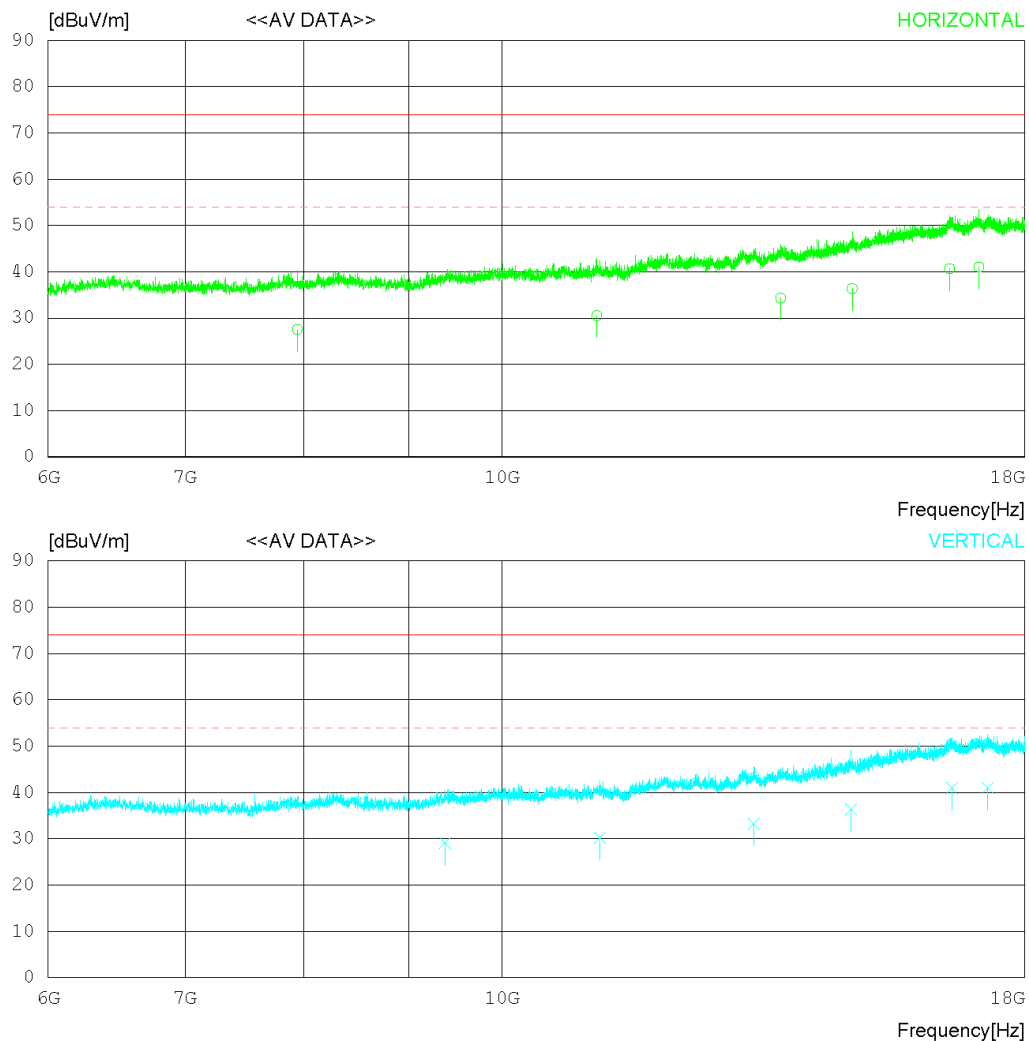
RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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



RADIATED EMISSION

Date 2019-03-16

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 20 °C 44 % R.H.
Test Condition Wireless charging

Memo MCS-H06WP_BUJEON

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

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	7941.303	21.80	31.31	12.35	37.95	27.51	54.00	26.49	100	344
2	11122.570	21.30	32.54	14.89	38.20	30.53	54.00	23.47	100	163
3	13676.280	21.00	33.79	17.25	37.74	34.30	54.00	19.70	300	137
4	14821.200	20.50	35.17	17.92	37.26	36.33	54.00	17.67	100	48
5	16541.490	20.70	37.03	19.81	36.85	40.69	54.00	13.31	100	91
6	17092.580	21.00	37.62	19.74	37.34	41.02	54.00	12.98	100	132
----- Vertical -----										
7	9376.781	21.80	32.27	14.14	39.16	29.05	54.00	24.95	100	87
8	11160.240	21.00	32.58	14.87	38.23	30.22	54.00	23.78	100	200
9	13268.320	20.80	33.65	16.77	37.99	33.23	54.00	20.77	199	332
10	14802.540	20.60	35.15	17.91	37.26	36.40	54.00	17.60	100	356
11	16585.170	20.70	37.08	20.03	36.89	40.92	54.00	13.08	199	199
12	17264.480	21.30	37.75	19.37	37.48	40.94	54.00	13.06	100	14

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

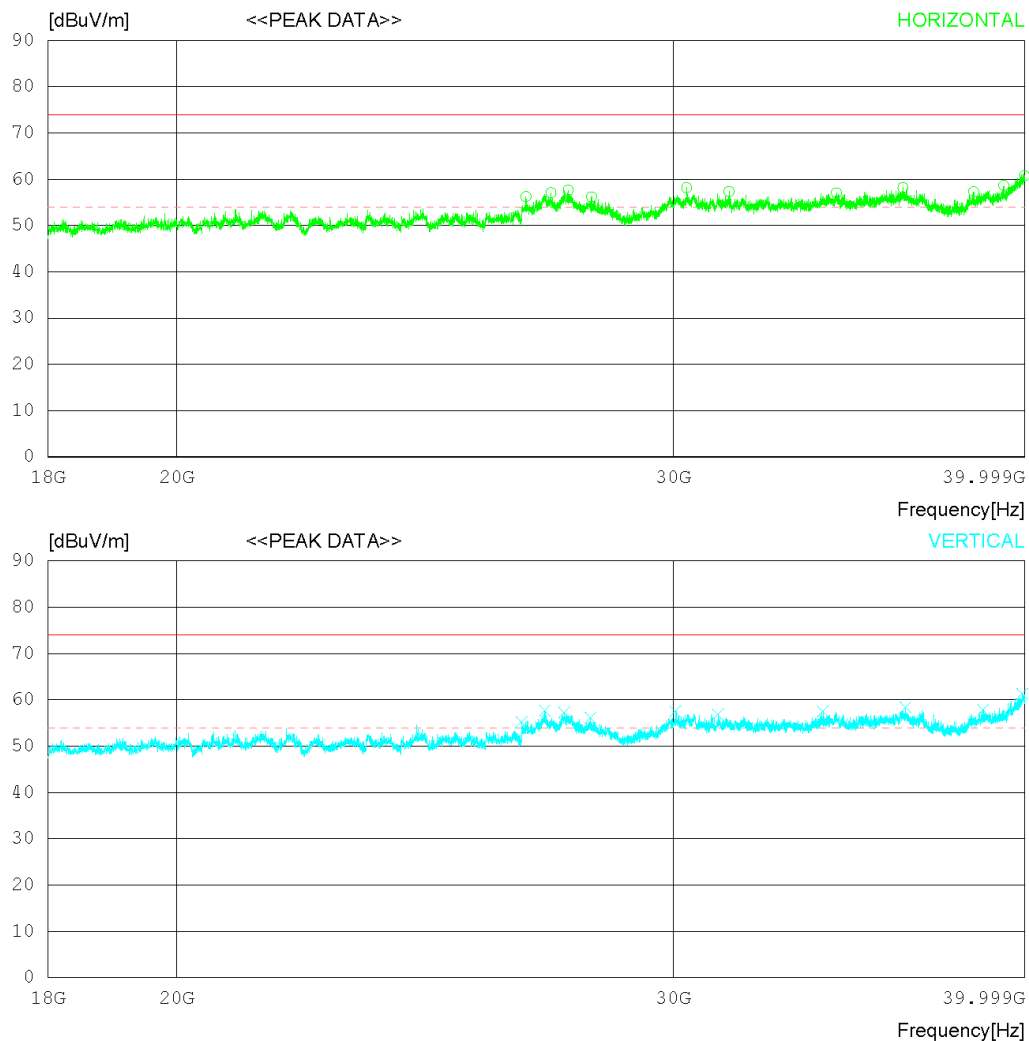
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 'C 41 % R.H.
Test Condition Wireless charging

Memo BUJEON

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo BUJEON

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

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	26602.00043.10	46.73	20.59	54.19	56.23	74.0	17.77	300	251	
2	27154.75043.50	46.85	20.83	54.10	57.08	74.0	16.92	400	8	
3	27537.00043.60	46.82	21.23	54.03	57.62	74.0	16.38	100	154	
4	28065.00042.00	46.83	21.28	53.94	56.17	74.0	17.83	200	0	
5	30333.75042.00	47.93	21.83	53.60	58.16	74.0	15.84	200	0	
6	31403.50041.30	47.62	22.01	53.60	57.33	74.0	16.67	400	182	
7	34285.50040.30	48.32	22.83	54.41	57.04	74.0	16.96	300	182	
8	36202.25041.40	48.26	22.97	54.43	58.20	74.0	15.8	200	155	
9	38358.25040.50	47.32	23.04	53.57	57.29	74.0	16.71	300	10	
10	39312.50040.20	48.24	23.15	52.95	58.64	74.0	15.36	200	99	
11	39983.50040.40	48.70	24.14	52.51	60.73	74.0	13.27	200	0	
----- Vertical -----										
12	26508.50042.10	46.70	20.58	54.21	55.17	74.0	18.83	199	56	
13	27017.25044.30	46.86	20.67	54.12	57.71	74.0	16.29	199	52	
14	27449.00043.30	46.83	21.18	54.05	57.26	74.0	16.74	299	0	
15	28045.75042.00	46.82	21.25	53.94	56.13	74.0	17.87	400	359	
16	30061.50041.30	48.10	21.72	53.60	57.52	74.0	16.48	299	106	
17	31128.50040.90	47.55	21.97	53.60	56.82	74.0	17.18	199	358	
18	33914.25040.70	48.12	23.09	54.37	57.54	74.0	16.46	199	358	
19	36284.75041.60	48.17	22.99	54.40	58.36	74.0	15.64	199	358	
20	38655.25040.40	47.64	23.18	53.37	57.85	74.0	16.15	400	225	
21	39920.25041.20	48.65	24.03	52.55	61.33	74.0	12.67	299	0	

Radiated disturbance at (18 ~ 40) GHz _Peak measurement data			
Test configuration mode	1	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60
Travel Adaptor	MCS-H06WP	Ear-Mic	EAB63728252

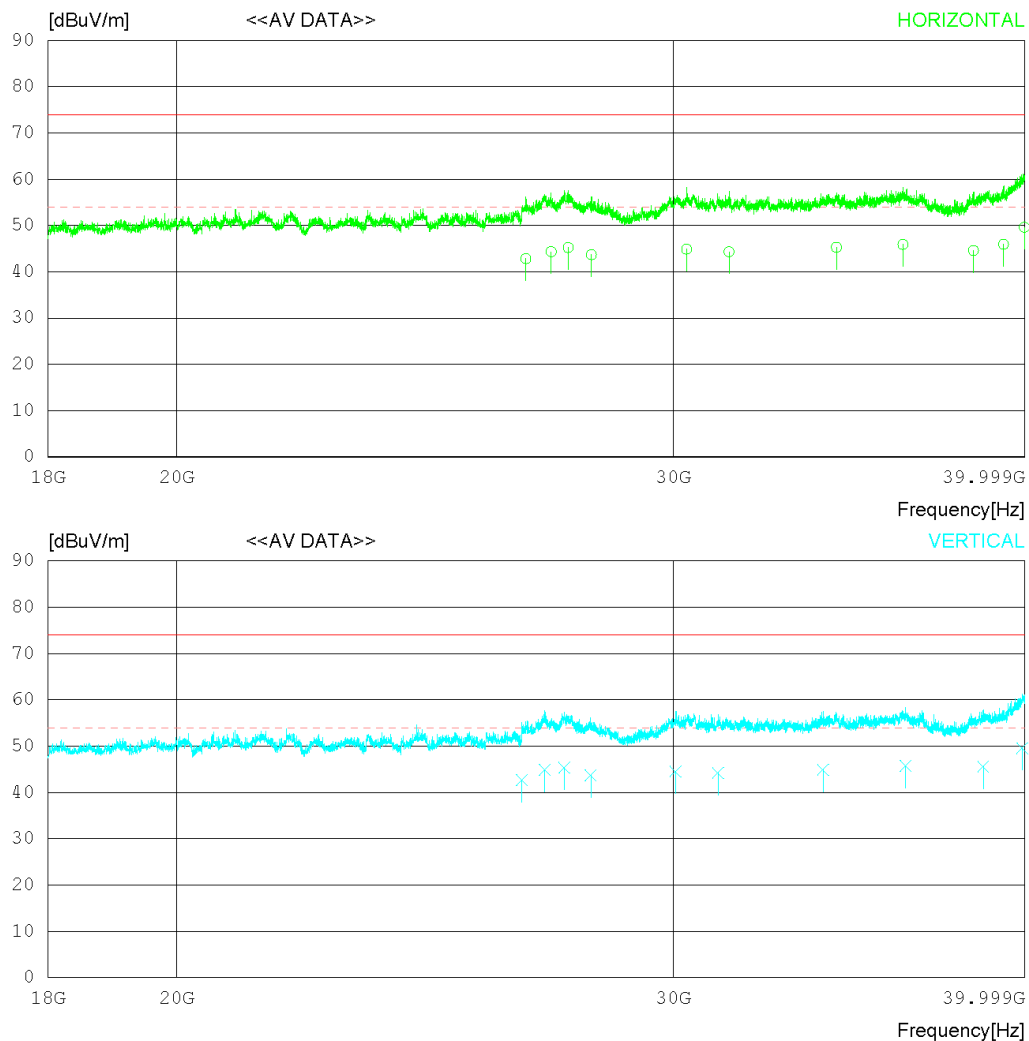
RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo BUJEON

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



RADIATED EMISSION

Date 2019-03-13

Order No. DTNC1902-01269
Power Supply 120 V 60 Hz
Temp/Humi 19 °C 41 % R.H.
Test Condition Wireless charging

Memo BUJEON

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

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	26599.87029.70		46.73	20.59	54.20	42.82	54.00	11.18	300	56
2	27156.43030.74		46.85	20.84	54.10	44.33	54.00	9.67	400	358
3	27536.67031.20		46.82	21.23	54.03	45.22	54.00	8.78	100	163
4	28063.63029.50		46.83	21.28	53.94	43.67	54.00	10.33	200	137
5	30334.14028.70		47.93	21.83	53.60	44.86	54.00	9.14	200	218
6	31403.18028.30		47.62	22.01	53.60	44.33	54.00	9.67	400	60
7	34286.95028.50		48.33	22.83	54.41	45.25	54.00	8.75	300	1
8	36200.51029.10		48.26	22.97	54.43	45.90	54.00	8.10	200	19
9	38356.29027.80		47.32	23.04	53.57	44.59	54.00	9.41	300	84
10	39310.34027.50		48.23	23.15	52.95	45.93	54.00	8.07	200	152
11	39981.13029.30		48.70	24.14	52.51	49.63	54.00	4.37	200	223
----- Vertical -----										
12	26509.80029.60		46.70	20.58	54.21	42.67	54.00	11.33	199	168
13	27016.51031.50		46.86	20.67	54.12	44.91	54.00	9.09	199	321
14	27451.24031.40		46.83	21.18	54.05	45.36	54.00	8.64	299	1
15	28047.19029.60		46.82	21.25	53.94	43.73	54.00	10.27	400	355
16	30061.86028.30		48.10	21.72	53.60	44.52	54.00	9.48	299	146
17	31126.87028.30		47.55	21.97	53.60	44.22	54.00	9.78	199	195
18	33911.85028.00		48.13	23.09	54.36	44.86	54.00	9.14	199	274
19	36281.94029.00		48.17	22.99	54.40	45.76	54.00	8.24	199	298
20	38654.21028.10		47.64	23.18	53.37	45.55	54.00	8.45	400	75
21	39921.44029.40		48.66	24.03	52.55	49.54	54.00	4.46	299	1

Calculation

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

8. Revision History

Date	Description	Revised By	Reviewed By
May. 13. 2019	Initial report	JooHo Kim	DaeHwa Eun

-End of test report-