



Supplier's Declaration of Conformity Electromagnetic Compatibility Test Report

For

KODAK PRINTOMATIC Digital Instant Print Camera

ORDER NO.: 200401K003
REPORT NO.: FD200401K003
ISSUED DATE: 28, April, 2020
MODEL NO.: RODOMATIC

C&A Marketing, INC.
114 Tived Lane East, Edison NJ 08837.



Certificate #4068.03

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Report Number FD200401K003
Model Number RODOMATIC



Test Report Details

Test Report No. FD200401K003

Tests Performed By: Bureau Veritas CPS ADT Korea Ltd.
HeungAn-daero 49, DonAn-gu, Anyang-si, Gyeonggi-do,
11419 Korea

Test site: Bureau Veritas CPS ADT Korea Ltd.
HeungAn-daero 49, DonAn-gu, Anyang-si, Gyeonggi-do,
11419 Korea

Applicant: C&A Marketing, INC.

Manufacturer: C&A Marketing, INC.
114 Tived Lane East, Edison NJ 08837.

Applicant Contact: Shlomo Engel

Phone: +1 848 244 2213

E-mail: shlomo.engel@caglobal.com

Product Type: KODAK PRINTOMATIC Digital Instant Print Camera

Model Number: RODOMATIC

Product standards: 47 CFR FCC Subpart 15(B), ICES-003

Sample Serial Number: None

Brand Name: KODAK

Sample Receive Date: 07, April, 2020

Testing Start Date: 10, April, 2020

Date Testing Complete: 14, April, 2020

Overall Results: **Complied**

This test report apply only to the specific samples tested under stated test conditions. All samples tested were in good operating condition throughout the entire test program. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components Bureau Veritas CPS ADT Korea Ltd. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from Bureau Veritas CPS ADT Korea Ltd. issued reports.

Report Number FD200401K003
Model Number RODOMATIC



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RELEASE CONTROL RECORD

REPORT NO.	REASON FOR CHANGE	DATE ISSUED
FD200401K003	Original release	28, April, 2020

This project has been tested and verified to comply with the requirements of Bureau Veritas CPS ADT Korea Ltd. Therefore, this certificate is issued.

PREPARED BY : Walter Ju , DATE : 28, April, 2020
Walter Ju / Senior Engineer

APPROVED BY : Wan Kim , DATE : 28. April, 2020
Wan Kim / Senior Manger

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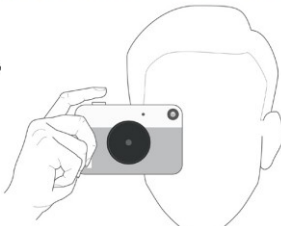
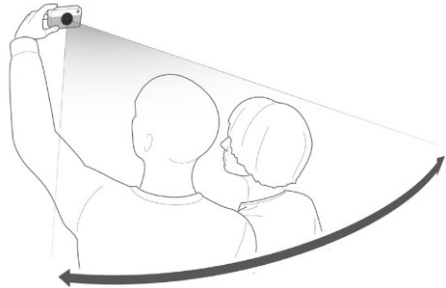
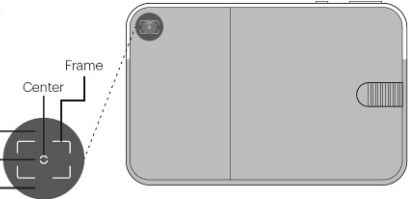


1. EMC Result Conclusion (With Justification)

The following tests were performed on a sample submitted for evaluation of compliance with 47 CFR Part 15.107(b) / 47 CFR Part 15.109 (b) Class B, ICES-003.			
Test requirements	Standard	Results	Verdict
Emissions			
Conducted RF Emissions	ANSI C63.4	Pass	Complied
Radiated RF Emissions		Pass	Complied
<p>We tested the KODAK PRINTOMATIC Digital Instant Print Camera, Model: RODOMATIC, to determine if it was in compliance with the relevant standards as marked on the EMC Verification Summary. We found that the unit met the requirement of 47 CFR FCC Subpart 15(B), ICES-003 standards when tested as received.</p> <p>The production units are required to conform to the initial sample as received when the units are placed on the market.</p>			

2. General Product Description

2.1 Equipment Description

Description	
<p>CHARGE YOUR CAMERA</p> <p>Connect the provided USB cable into a brand name charger, 1 amp or greater, and to the camera. For best results, place the camera face up on a flat surface.</p> 	<p>TURN YOUR CAMERA ON</p> <p>Press and hold the power button until the light on the top turns ON.</p> <p>Tip: To prevent turning on the camera accidentally when not in use, it is best to use a KODAK case for storage.</p> 
<p>LOADING PAPER INTO THE PRINTER</p> <p>Use only KODAK ZINK Photo Paper and load the entire pack into the camera, with the blue sheet facing down.</p> <p>Hold paper from the sides in order to avoid fingerprints.</p> 	<p>HOW TO HOLD THE CAMERA TO TAKE A PICTURE</p>  <p>HOW TO HOLD THE CAMERA FOR A SELFIE</p> 
<p>USING THE VIEWFINDER</p> <p>When taking a picture, use the viewfinder to make sure the subject is within the frame.</p> <p>Only what is in the frame will be printed.</p> 	



3. Test Condition

3.1 Ancillary Equipment

Use*	Product Type	Manufacturer	Model	Comments
EUT	KODAK PRINTOMATIC Digital Instant Print Camera	C&A Marketing, INC.	RODOMATIC	-
AE	Notebook Computer	Samsung Electronics Co., Ltd.	NT950XBV	
AE	AC/DC Adaptor	Dongguan Yingju Power Co., Ltd	PSCV650105A	For Notebook Computer
AE	AC/DC Adapter	Shenzhen Honor Electronic Co.,Ltd	ADS-5MA-06	For EUT
AE	Li-ion Polymer Battery	EVE Energy Co.,Ltd.	P0884-LF	Internal Battery

* **Note:** EUT - Equipment Under Test, AE - Auxiliary/Associated Equipment, SIM - Simulator (Not Subjected to Test)

3.2 Input/Output Ports

Port #	Name	Type*	Cable (m) Max. >3 m	Cable Shielded	Comments
1	Power	DC	0.3	None-Shielded	EUT USB Port
2	Power	AC	-	None-Shielded	AC/DC Adapter
3	Power	AC	1.5	None-Shielded	AC/DC Adapter

* **Note:** * AC = AC Power Port, DC = DC Power Port, N/E = Non-Electrical, I/O = Signal Input or Output Port (Not Involved in Process Control), TP = Telecommunication Ports

3.3 EUT Internal Operating Frequencies

Frequency (MHz)	Description	Frequency (MHz)	Description
24	CPU	-	-

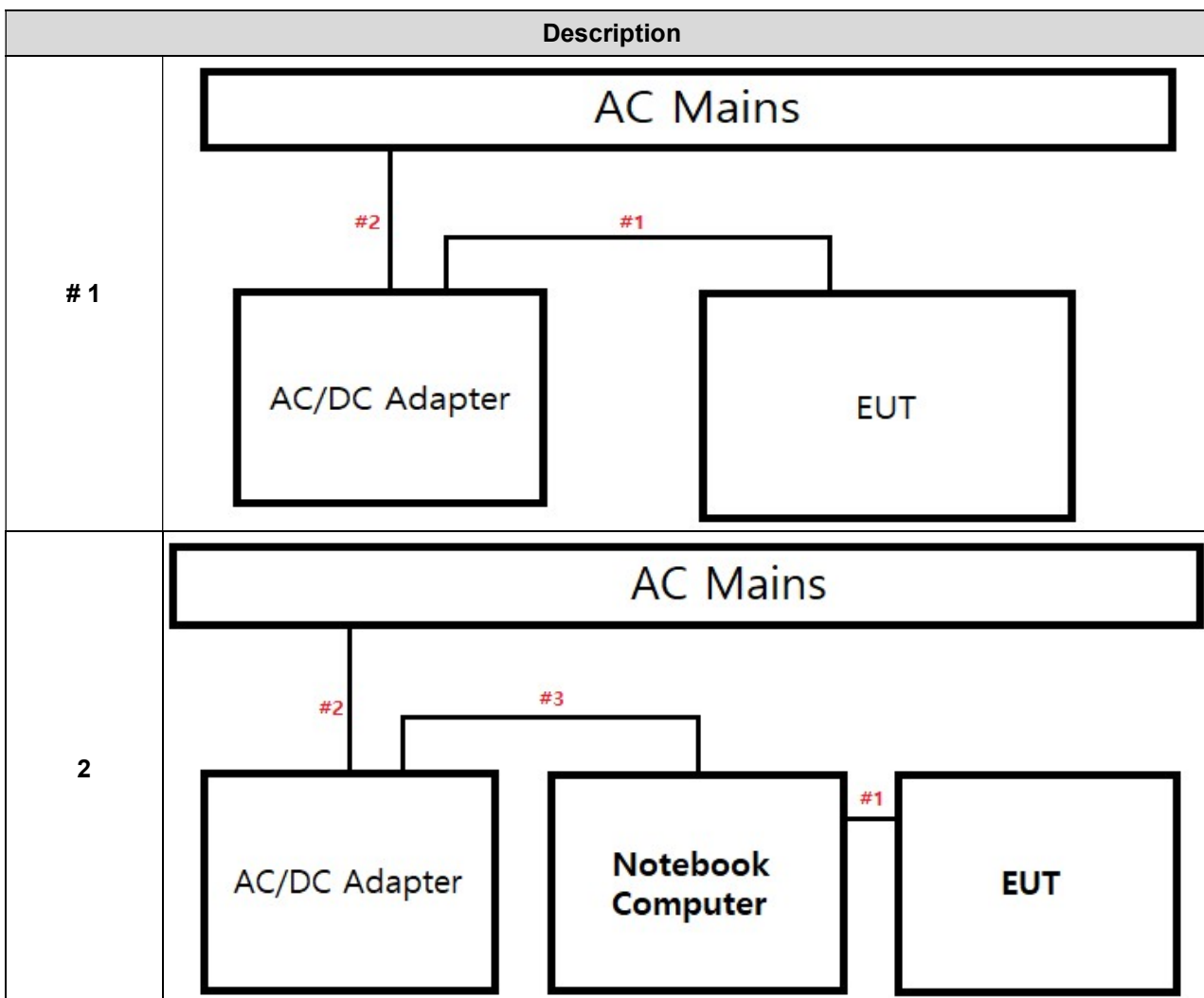
3.4 Power Interface

Mode #	Voltage (V)	Current (A)	Power (W)	Frequency (DC/AC-Hz)	Comments
Rated	5	1	-	DC	Input
1	120	-	-	AC-60	AC/DC Adapter

3.5 Modes of Description

Mode #	Mode	Comments
1	Charging & Operating Mode	Internal Battery Charging, Printing
2	Data Link Mode	EUT to Notebook via USB (Only Read)

3.6 Configuration





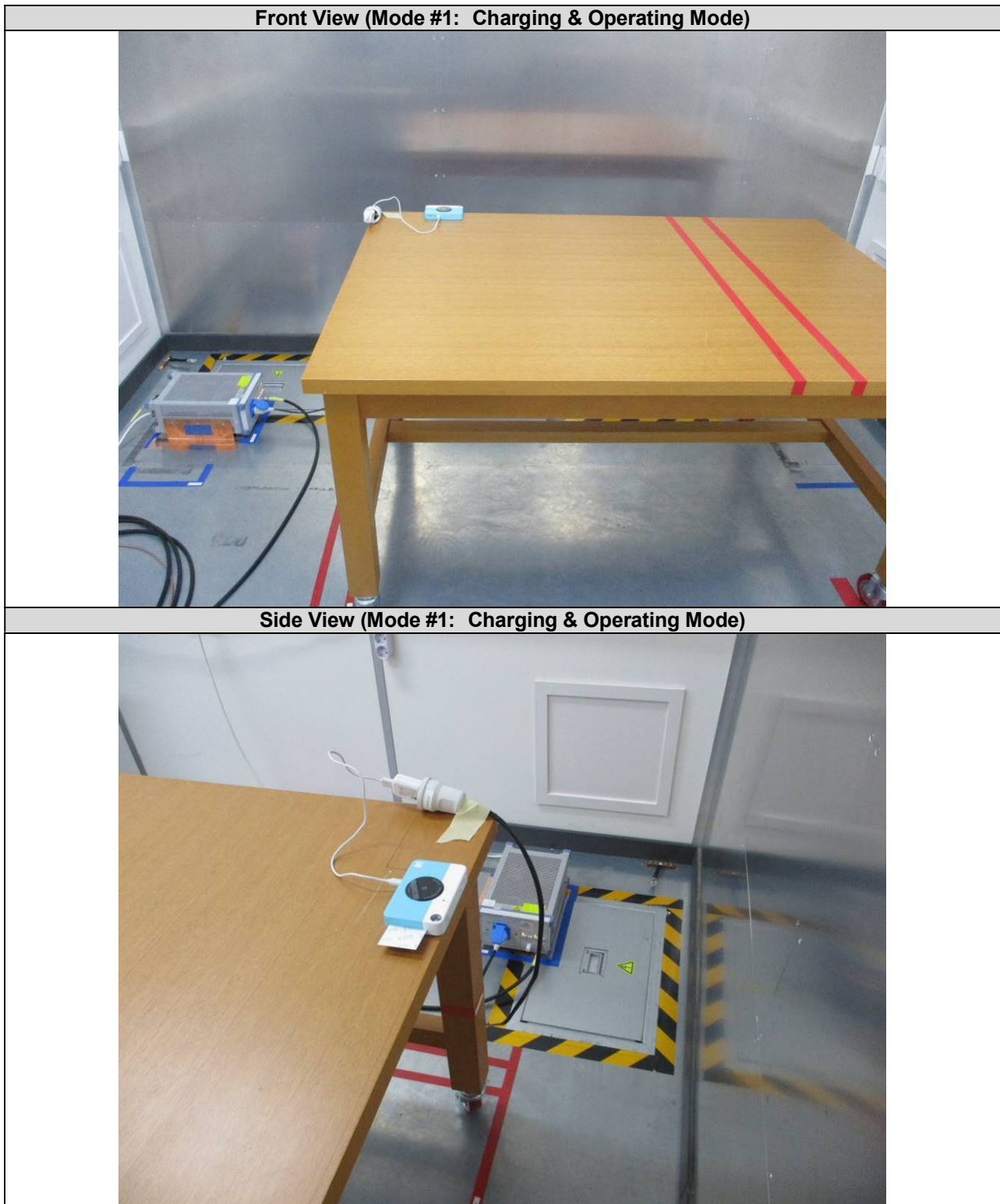
4. Test Condition and Results

4.1 Conducted Emissions

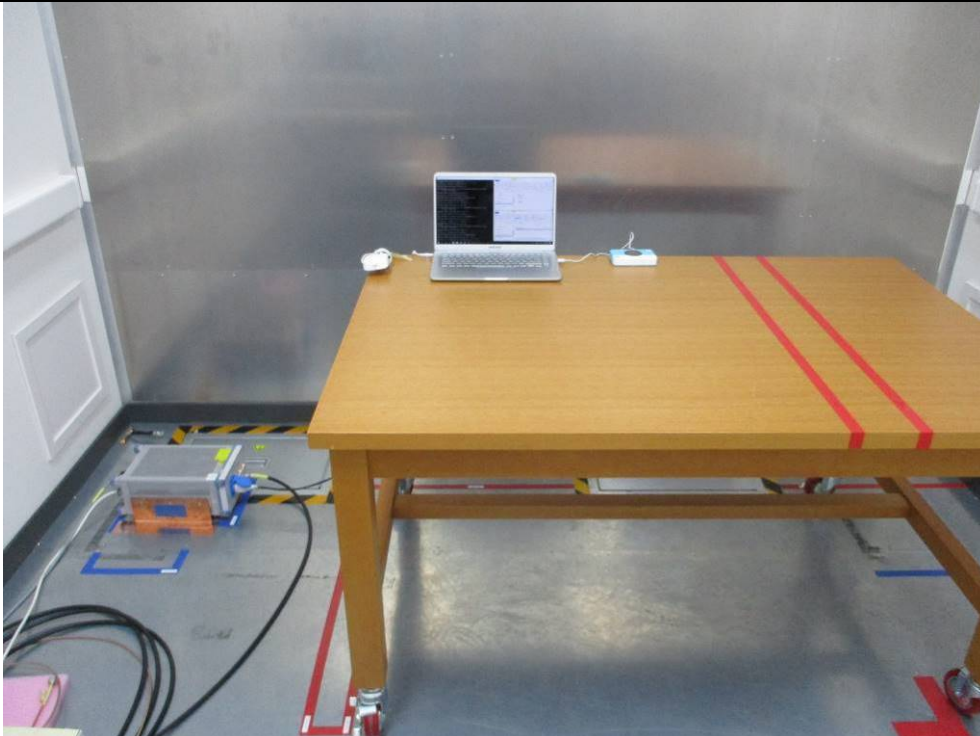
TEST: Limits of mains terminal disturbance voltage				
Method	The AMN placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane. This distance was between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment were at least 0.8 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.			
Parameters recorded during the test		Laboratory Ambient Temperature		24.6 °C
		Relative Humidity		46.7 %
			Frequency range on each side of line	Measurement Point
Fully configured sample scanned over the following frequency range			150 kHz to 30 MHz	ac main power port
Limits – Class B				
Frequency (MHz)	Limit (dB μ V)			
	Quasi-Peak	Result	Average	Result
0.15 to 0.5	66 to 56	Pass	56 to 46	Pass
0.5 to 5	56	Pass	46	Pass
5 to 30	60	Pass	50	Pass
Conducted Emissions EUT Configuration Settings				
Power Interface Mode # (See Section 3.4)		EUT Operation Mode # (See Section 3.5)		EUT Configurations Mode # (See Section 3.6)
1		1, 2		1, 2

Test Equipment Used					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
LISN	R&S	ENV216	102437	2019.12.26	2020.12.26
EMI Test Receiver	R&S	ESR	102529	2019.12.27	2020.12.27
SoftWare	R&S	EMC 32	Ver. 10.50.40	-	-
-	-	-	-	-	-

Figure 1. Conducted Emission Test Setup



Front View (Mode #2: Data Link Mode)

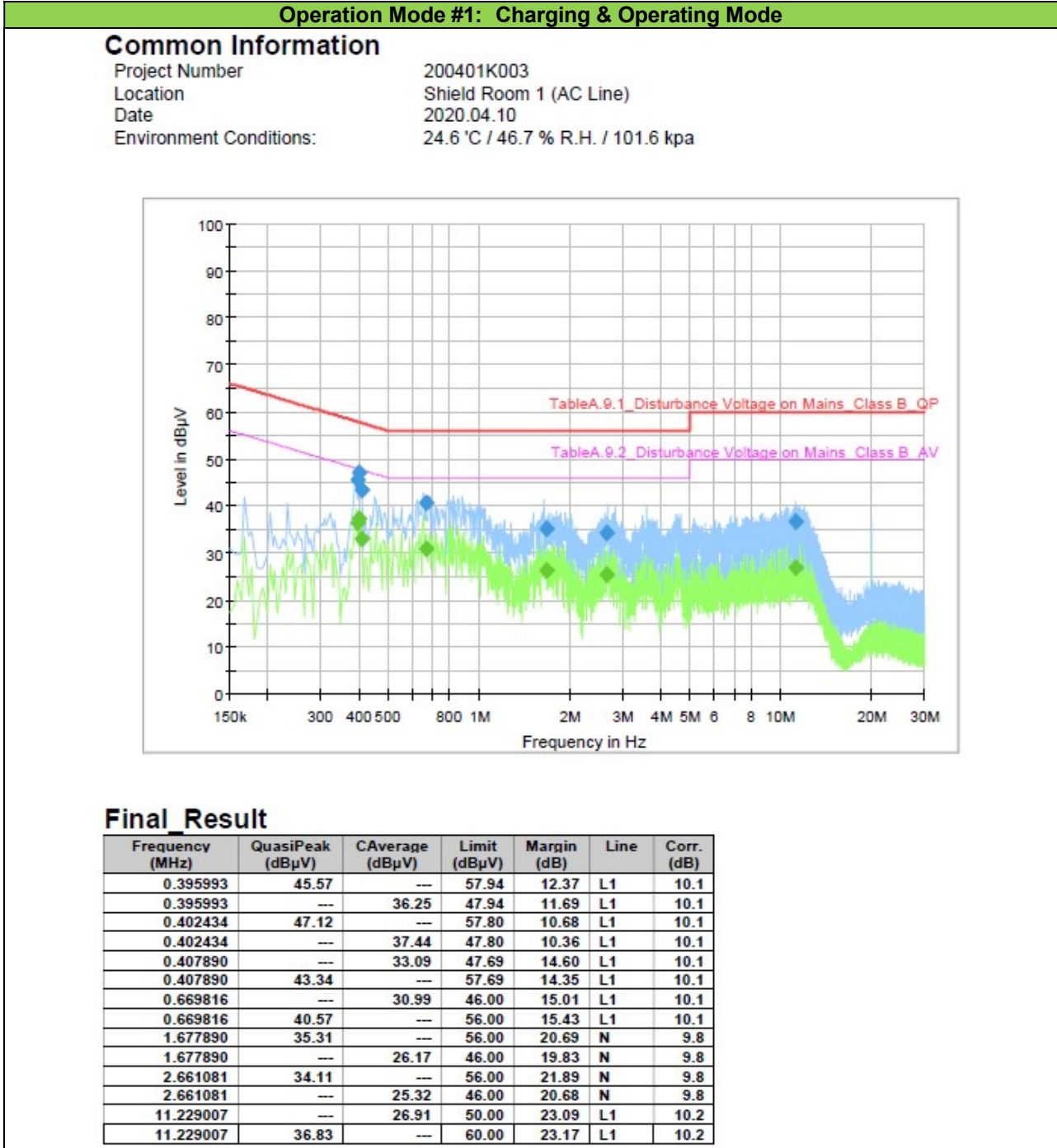


Side View (Mode #2: Data Link Mode)





Table 1 Test data for conducted emission

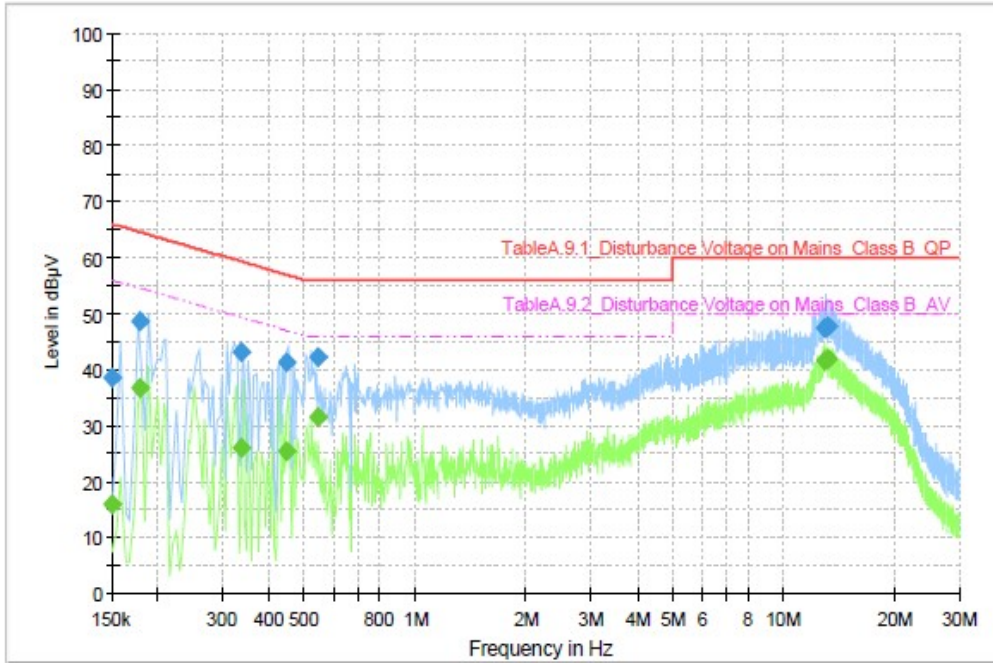




Operation Mode #2: Data Link Mode

Common Information

Project Number 200401K003
 Location Shield Room 1 (AC Line)
 Date 2020.04.10
 Environment Conditions: 24.6 °C / 46.7 % R.H. / 101.6 kpa



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	15.94	56.00	40.06	L1	10.0
0.150000	38.60	---	66.00	27.40	L1	10.0
0.178000	48.76	---	64.58	15.81	N	10.1
0.178000	---	36.65	54.58	17.93	N	10.1
0.336198	43.15	---	59.30	16.15	N	9.9
0.336198	---	26.09	49.30	23.20	N	9.9
0.447890	41.19	---	56.91	15.72	N	10.1
0.447890	---	25.32	46.91	21.59	N	10.1
0.546125	42.07	---	56.00	13.93	N	10.1
0.546125	---	31.36	46.00	14.64	N	10.1
12.868316	---	41.53	50.00	8.47	L1	10.3
12.868316	47.29	---	60.00	12.71	L1	10.3
13.186529	---	41.89	50.00	8.11	L1	10.3
13.186529	47.65	---	60.00	12.35	L1	10.3

Note1) Two graphs measured for both Live (L1) and Neutral (N) of the LISN are combined into one graph.

Note2) Formula

Final Value (QP and/or CAV) = Reading Value (QP and/or CAV) + Corr. (LISN Insertion Loss + Cable Loss)

Margin (QP and/or CAV) = Limit – Final Value (QP and/or CAV)

QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

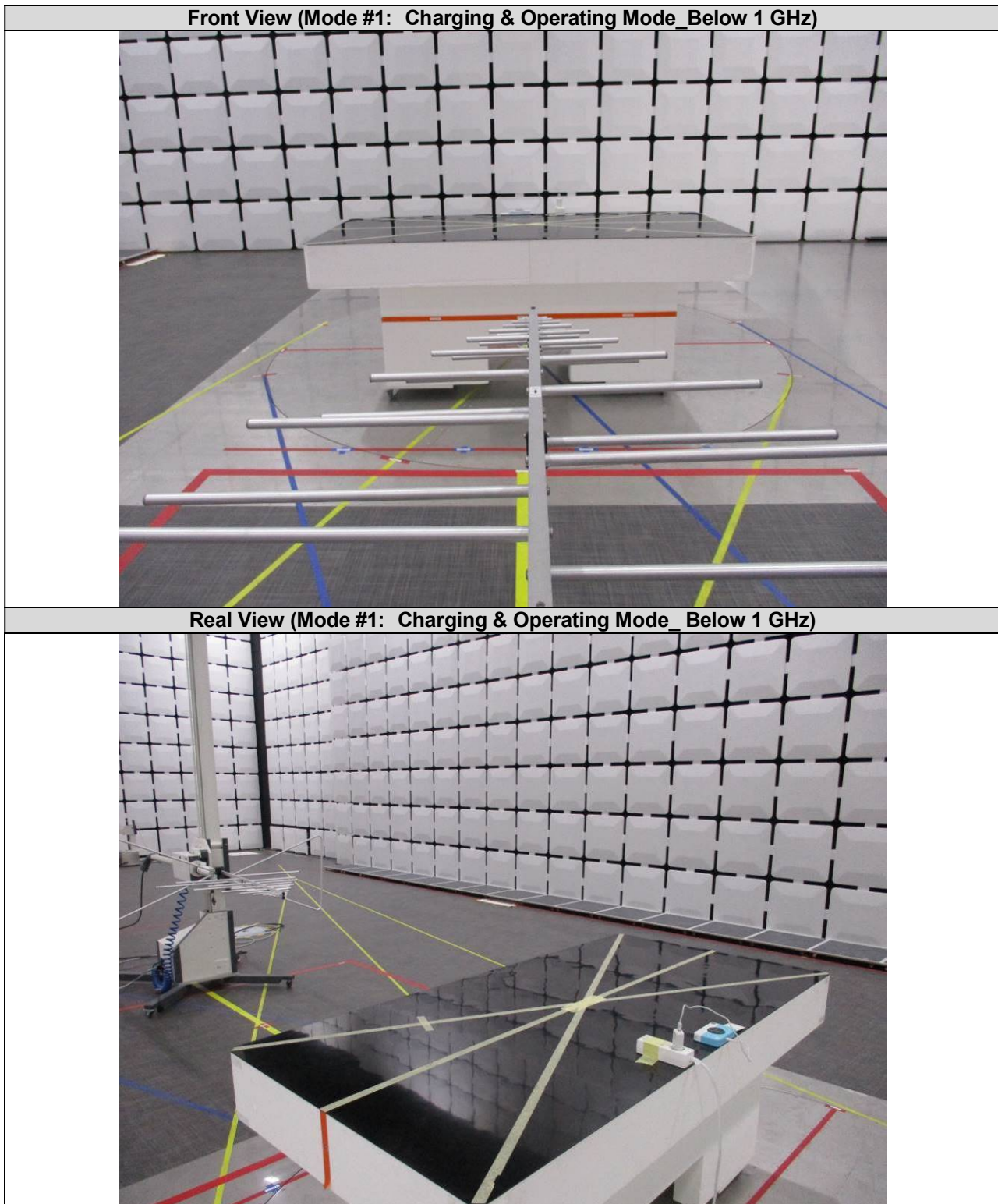


4.2 Radiated Emissions

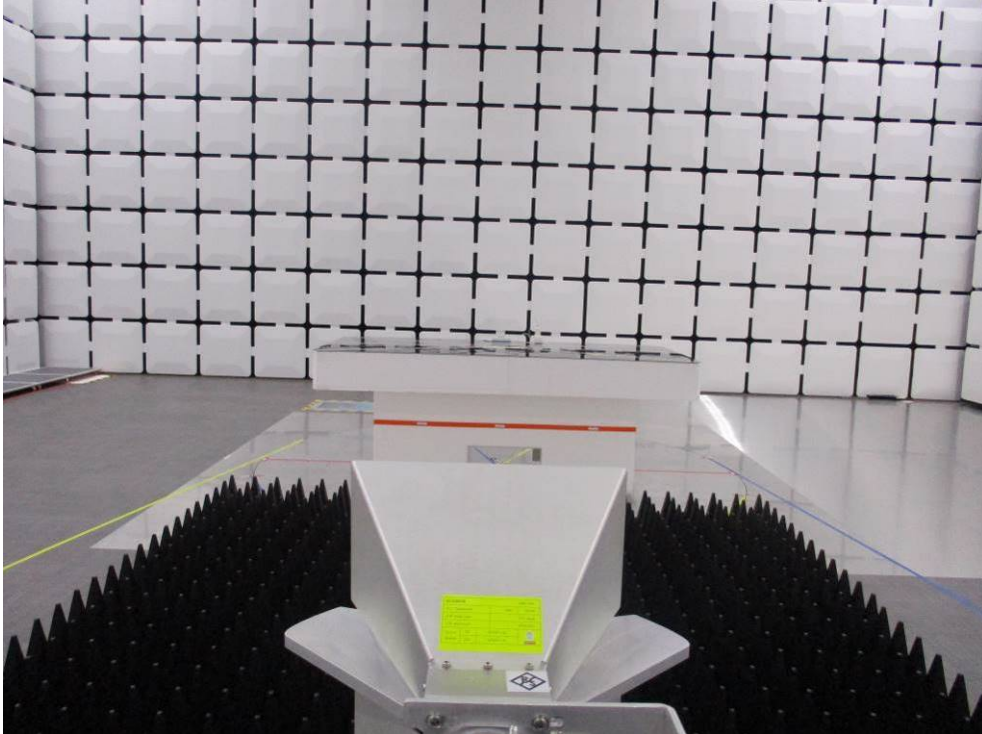
TEST: Limits for radiated disturbance			
Method	Measurements were made in a 10-meter semi-anechoic chamber that complies to ANSI C63.4. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at 1, 2, 3 and 4 meter heights in both horizontal and vertical polarities. Final measurements (quasi-peak or average as noted) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 meters. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.		
Parameters recorded during the test	Laboratory Ambient Temperature	21.3 °C	
	Relative Humidity	45.3 %	
	Frequency range	Measurement Point	
Fully configured sample scanned over the following frequency range	30 MHz – 1 000 MHz	3 meter measurement distance	
	1 GHz – 6 GHz		
Limits – Class B			
Frequency (MHz)	Limit (dBµV/m)		
	Quasi-Peak	Results	
30 to 88	40	Pass	
88 to 216	43.5	Pass	
216 to 960	46	Pass	
960 to 1 000	54	Pass	
Frequency (GHz)	Average	Peak	Result
1 to 6	54	74	Pass Pass
EUT Configuration Settings:			
Power Interface Mode # (See Section 3.4)	EUT Operation Mode # (See Section 3.5)	EUT Configurations Mode # (See Section 3.6)	
1	1, 2	1, 2	

Test Equipment Used					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESW44	101812	2020.02.20	2021.02.20
Trilog Antenna (with 6 dB ATT.)	Schwarzbeck	VULB 9163	01100	2019.04.03	2021.04.03
Horn Antenna	R&S	HF907	102772	2020.01.22	2021.01.22
Signal Conditioning Unit	R&S	SCU08F2	08400016	2019.12.30	2020.12.30
Signal Conditioning Unit	R&S	SCU-18F	180111	2019.12.30	2020.12.30
SoftWare	R&S	EMC 32	Ver. 10.35.10	-	-

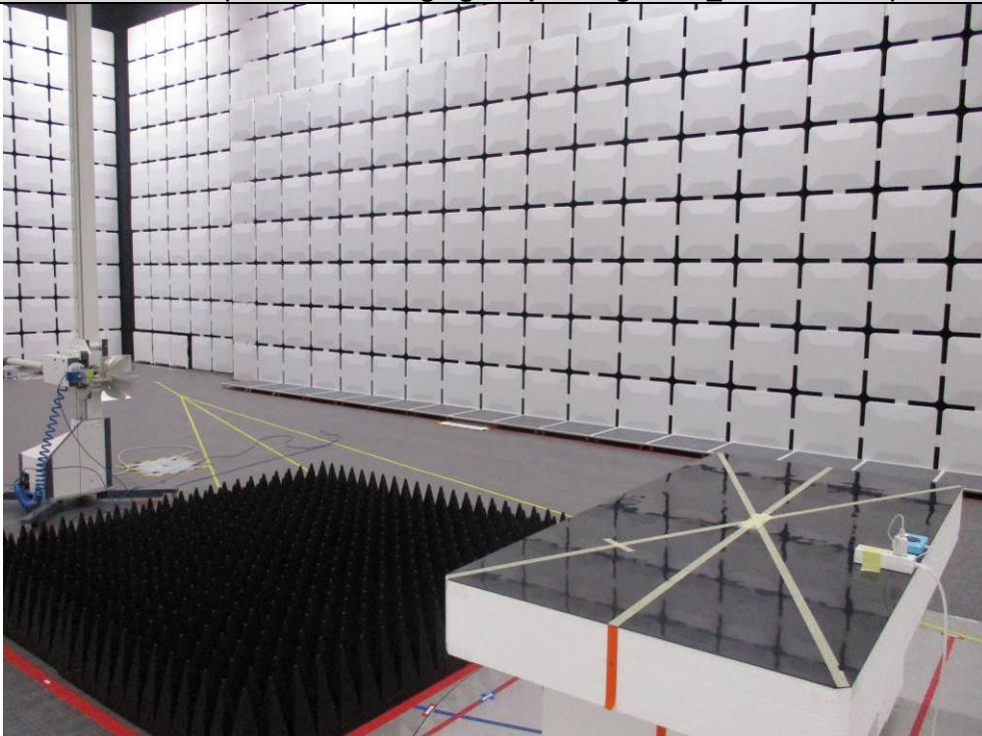
Figure 2. Photo of Radiated emission test setup



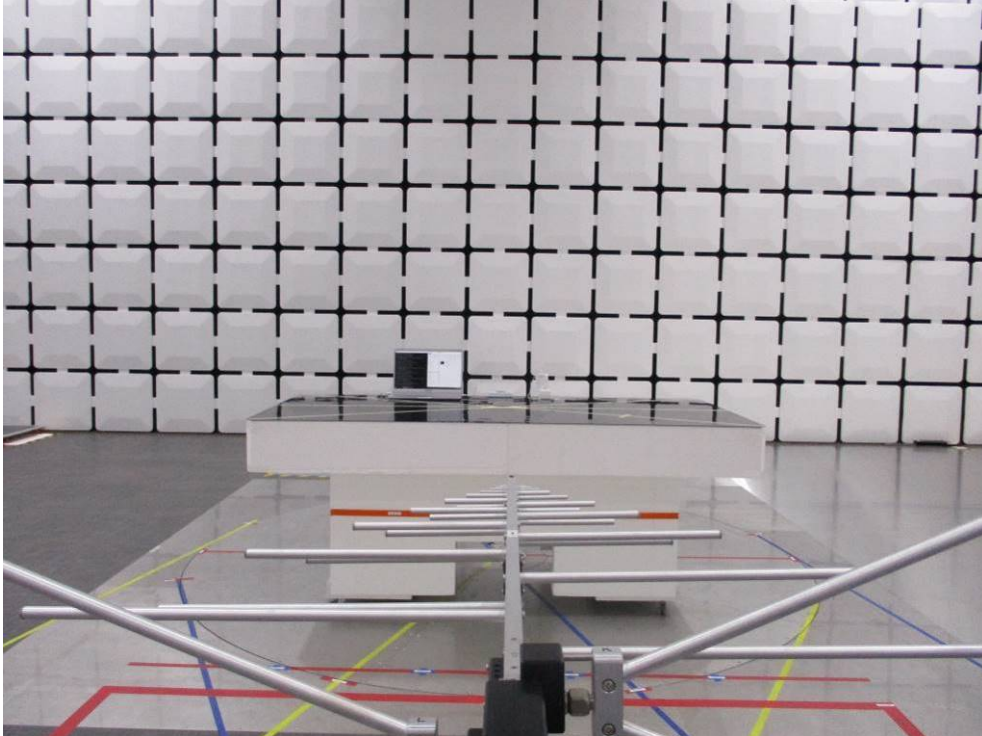
Front View (Mode #1: Charging & Operating Mode_Above 1 GHz)



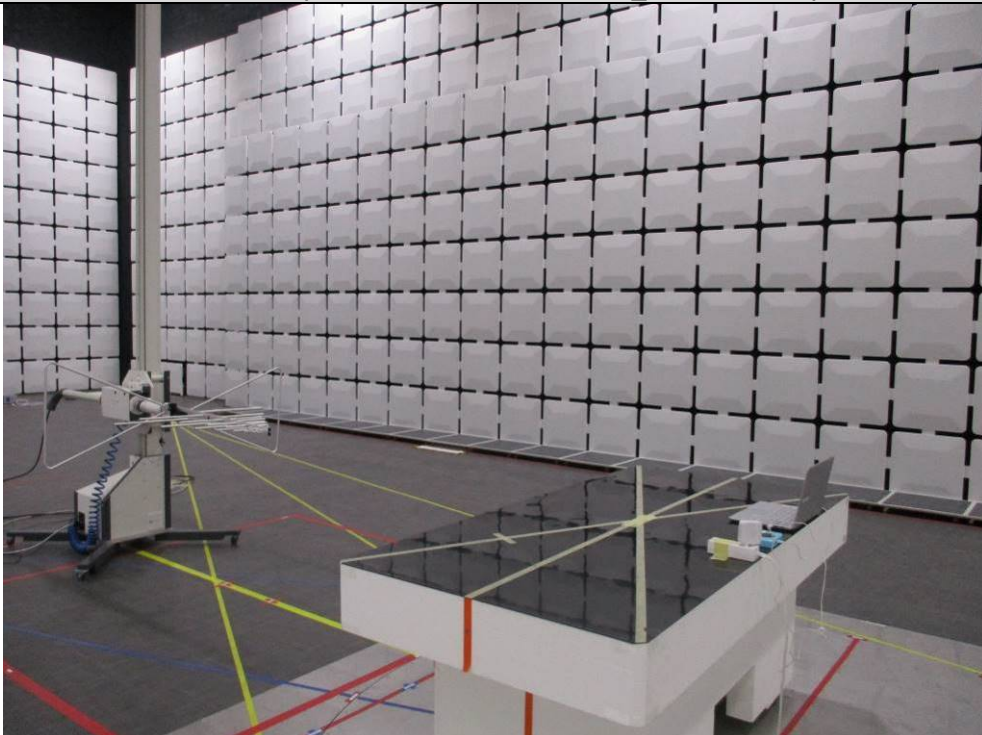
Real View (Mode #1: Charging & Operating Mode_Above 1 GHz)



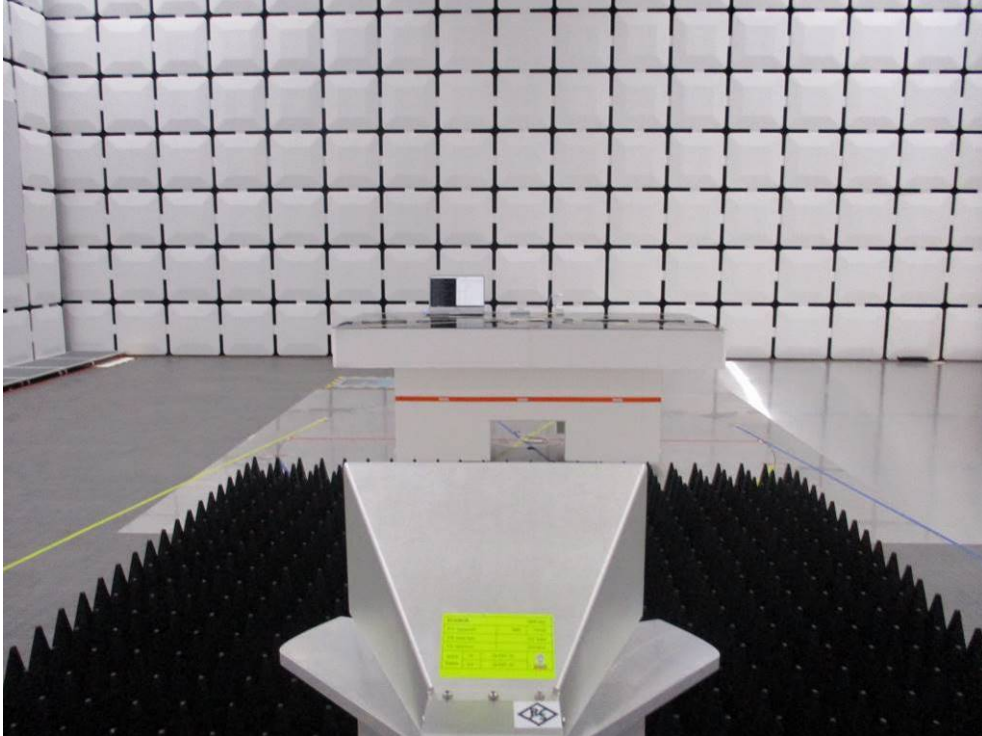
Front View (Mode #2: Data Link Mode_Below 1 GHz)



Real View (Mode #2: Data Link Mode_Below 1 GHz)



Front View (Mode #2: Data Link Mode_Above 1 GHz)



Real View (Mode #2: Data Link Mode_Above 1 GHz)

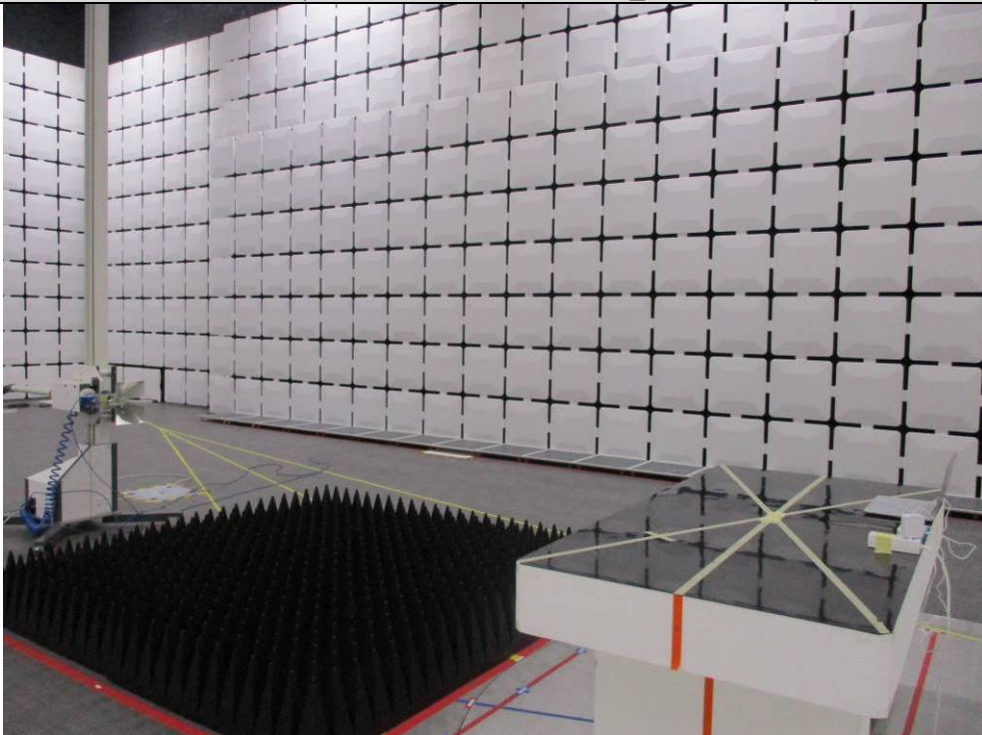
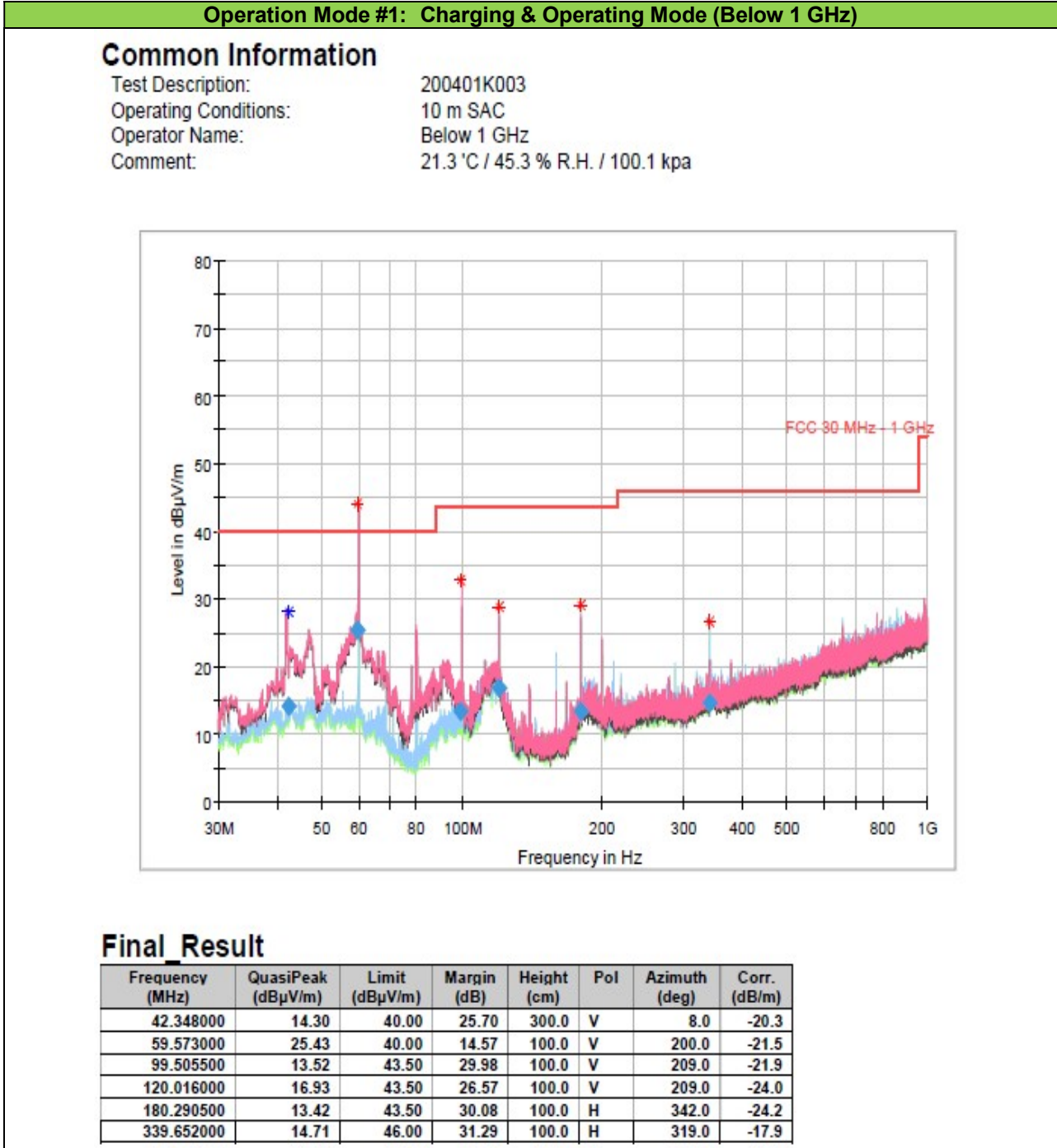




Table 2 Radiated emission Test data

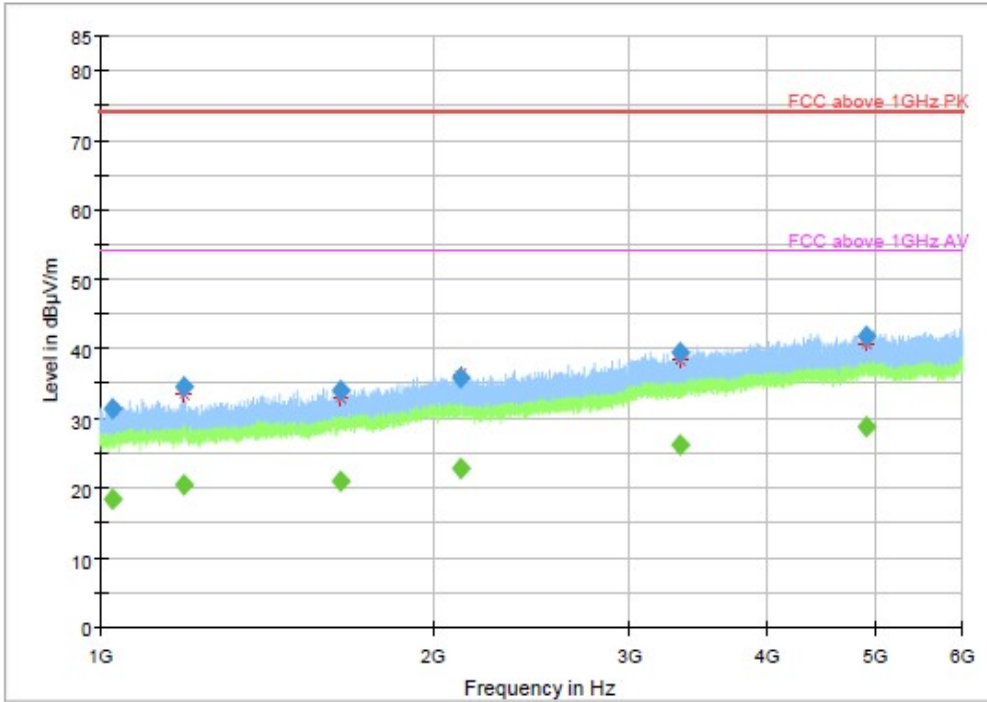




Operation Mode #1: Charging & Operating Mode (Above 1 GHz)

Common Information

Test Description: 200401K003
 Operating Conditions: 10 m SAC
 Operator Name: Above 1 GHz
 Comment: 21.3 °C / 45.3 % R.H. / 100.1 kpa



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1024.150000	31.44	---	74.00	42.56	400.0	V	31.0	-10.9
1024.150000	---	18.57	54.00	35.43	400.0	V	31.0	-10.9
1191.725000	34.54	---	74.00	39.46	200.0	V	326.0	-10.3
1191.725000	---	20.51	54.00	33.49	200.0	V	326.0	-10.3
1646.625000	---	21.00	54.00	33.00	400.0	H	171.0	-7.0
1646.625000	33.94	---	74.00	40.06	400.0	H	171.0	-7.0
2117.150000	---	22.81	54.00	31.19	400.0	V	204.0	-4.6
2117.150000	35.86	---	74.00	38.14	400.0	V	204.0	-4.6
3342.375000	---	26.27	54.00	27.73	300.0	H	294.0	0.7
3342.375000	39.41	---	74.00	34.59	300.0	H	294.0	0.7
4912.075000	---	28.96	54.00	25.04	200.0	H	3.0	5.9
4912.075000	41.89	---	74.00	32.11	200.0	H	3.0	5.9



Operation Mode #1: Charging & Operating Mode (Above 1 GHz)						
Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Distance 1.5 m (dB)	Corr. (dB)
1024.150000	31.44	---	74.00	39.06	3.5	-10.9
1024.150000	---	18.57	54.00	31.93	3.5	-10.9
1191.725000	34.54	---	74.00	35.96	3.5	-10.3
1191.725000	---	20.51	54.00	29.99	3.5	-10.3
1646.625000	---	21.00	54.00	29.50	3.5	-7.0
1646.625000	33.94	---	74.00	36.56	3.5	-7.0
2117.150000	---	22.81	54.00	27.69	3.5	-4.6
2117.150000	35.86	---	74.00	34.64	3.5	-4.6
3342.375000	---	26.27	54.00	24.23	3.5	0.7
3342.375000	39.41	---	74.00	31.09	3.5	0.7
4912.075000	---	28.96	54.00	21.54	3.5	5.9
4912.075000	41.89	---	74.00	28.61	3.5	5.9

Note1) Two graphs measured for both Vertical and Horizontal of the Antenna are combined into one graph.

Note2) Formula

Final Value (PK and/or QP and/or CAV) = Reading Value (PK and/or QP and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amplifier Gain)

Margin (PK and/or QP and/or CAV) = Limit – Final Value (PK and/or QP and/or CAV)

PK = Peak, QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

Note3) Distance (Antenna to Centre of Turntable), Antenna Height

Below 1 GHz, Distance = 10 m, Antenna Height = (1 to 4) m

Above 1 GHz, Distance = 4.5 m, Antenna Height (Considering size of EUT) = (1 to 4) m

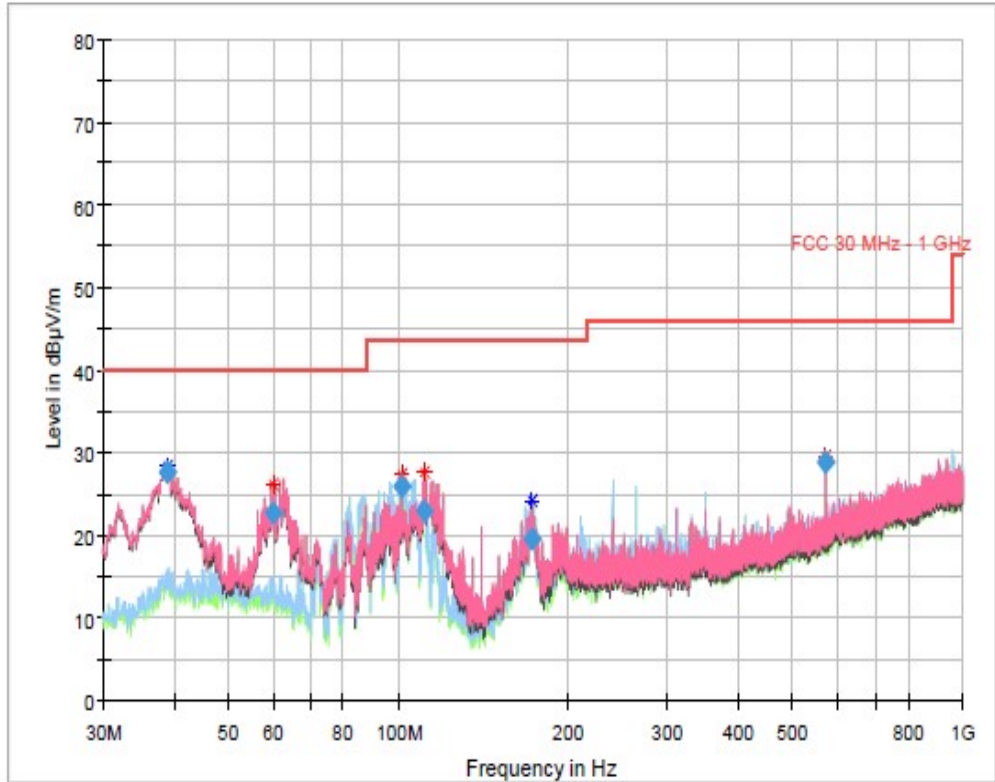
$L2 = L1 + 20 \log (d1 (m) / d2 (m)) = 20 \log (3 / 4.5) = -3.5$



Operation Mode #2: Data Link Mode (Below 1 GHz)

Common Information

Test Description: 200401K003
 Operating Conditions: 10 m SAC
 Operator Name: Below 1 GHz
 Comment: 21.3 °C / 45.3 % R.H. / 100.1 kpa



Final Result

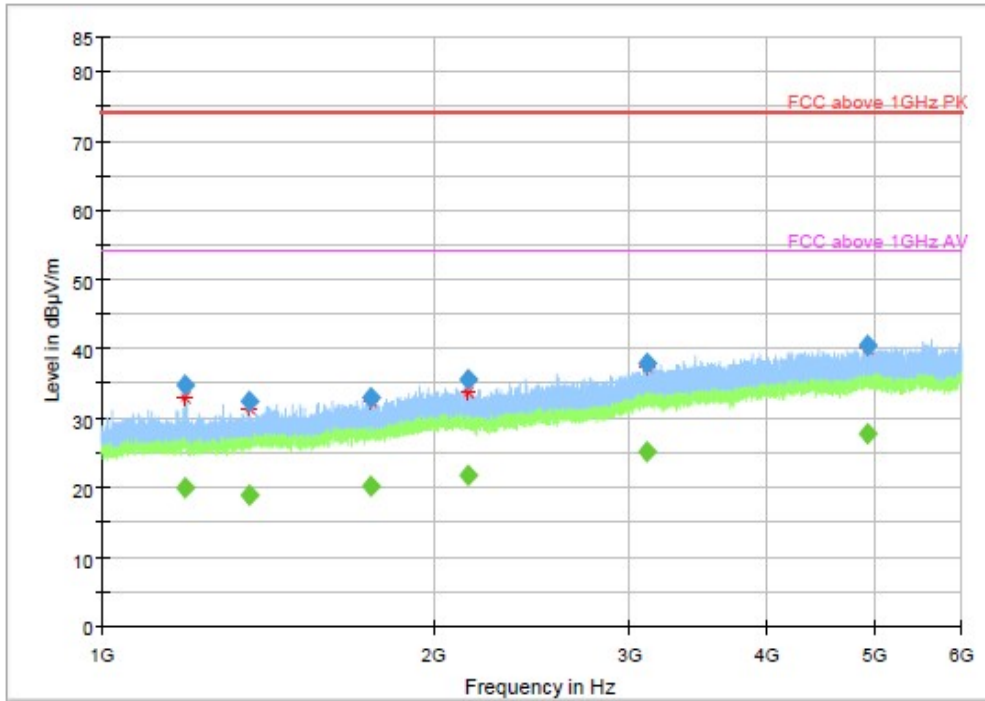
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.864500	27.61	40.00	12.39	100.0	V	271.0	-21.1
59.961000	22.77	40.00	17.23	100.0	V	258.0	-21.6
101.581000	25.95	43.50	17.55	300.0	H	190.0	-21.8
111.374500	23.10	43.50	20.40	100.0	V	0.0	-22.5
173.015500	19.61	43.50	23.89	400.0	V	264.0	-24.6
571.770500	28.82	46.00	17.18	100.0	V	325.0	-13.6



Operation Mode #2: Data Link Mode (Above 1 GHz)

Common Information

Test Description: 200401K003
 Operating Conditions: 10 m SAC
 Operator Name: Above 1 GHz
 Comment: 21.3 °C / 45.3 % R.H. / 100.1 kpa



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1190.075000	34.76	---	74.00	39.24	100.0	V	35.0	-10.3
1190.075000	---	20.14	54.00	33.86	100.0	V	35.0	-10.3
1360.375000	32.48	---	74.00	41.52	400.0	H	240.0	-8.9
1360.375000	---	18.91	54.00	35.09	400.0	H	240.0	-8.9
1753.075000	---	20.21	54.00	33.79	200.0	V	72.0	-6.8
1753.075000	33.05	---	74.00	40.95	200.0	V	72.0	-6.8
2149.075000	---	21.88	54.00	32.12	300.0	H	195.0	-4.7
2149.075000	35.70	---	74.00	38.30	300.0	H	195.0	-4.7
3111.200000	---	25.21	54.00	28.79	200.0	H	13.0	0.1
3111.200000	37.93	---	74.00	36.07	200.0	H	13.0	0.1
4936.475000	---	27.93	54.00	26.07	300.0	V	0.0	6.0
4936.475000	40.46	---	74.00	33.54	300.0	V	0.0	6.0



Operation Mode #2: Data Link Mode (Above 1 GHz)						
Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Distance 1.5 m (dB)	Corr. (dB/m)
1190.075000	34.76	---	74.00	35.74	3.5	-10.3
1190.075000	---	20.14	54.00	30.36	3.5	-10.3
1360.375000	32.48	---	74.00	38.02	3.5	-8.9
1360.375000	---	18.91	54.00	31.59	3.5	-8.9
1753.075000	---	20.21	54.00	30.29	3.5	-6.8
1753.075000	33.05	---	74.00	37.45	3.5	-6.8
2149.075000	---	21.88	54.00	28.62	3.5	-4.7
2149.075000	35.70	---	74.00	34.80	3.5	-4.7
3111.200000	---	25.21	54.00	25.29	3.5	0.1
3111.200000	37.93	---	74.00	32.57	3.5	0.1
4936.475000	---	27.93	54.00	22.57	3.5	6.0
4936.475000	40.46	---	74.00	30.04	3.5	6.0

Note1) Two graphs measured for both Vertical and Horizontal of the Antenna are combined into one graph.

Note2) Formula

Final Value (PK and/or QP and/or CAV) = Reading Value (PK and/or QP and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amplifier Gain)

Margin (PK and/or QP and/or CAV) = Limit – Final Value (PK and/or QP and/or CAV)

PK = Peak, QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

Note3) Distance (Antenna to Centre of Turntable), Antenna Height

Below 1 GHz, Distance = 10 m, Antenna Height = (1 to 4) m

Above 1 GHz, Distance = 4.5 m, Antenna Height (Considering size of EUT) = (1 to 4) m

$L2 = L1 + 20 \log (d1 (m) / d2 (m)) = 20 \log (3 / 4.5) = -3.5$

Appendix A. Test site accreditations

Certificate	Nation	Agency	Code	Remark
Accreditation	USA	A2LA	4068.03	July 31, 2019
Accreditation	KOREA	RRA	KR0158	January 10, 2020
Registration	Japan	VCCI	4013	February 17,2020
Accreditation	USA MRA	FCC	KR0158	March 17, 2020

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".

Appendix B. Measurement Uncertainties

Test Item	Measurement uncertainty
Conducted emission	2.62 dB
Radiated emission (1GHz Below)	4.04 dB
Radiated emission (1GHz Over)	5.10 dB
Note 1: Measurement uncertainty is calculated in according with CISPR 16-4-2: 2011+A1:2014+A2:2018 The measurement uncertainty is given with a confidence of 95 % with the coverage factor, k=2.	

Appendix C. EUT Photos



Inside View of EUT



USB Cable

