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 : DRTFCC2105-0054
2. Customer
   - Name (FCC) : Point Mobile Co., LTD. / Name (IC) : POINTMOBILE CO.,LTD
   - Address (FCC) : B-9F, Kabul Great Valley 32 Digital-ro 9-gil, Geumcheon-gu Seoul South Korea 153-709
     Address (IC) : B-9F Kabul Great Valley, 32, Digital-ro 9-gil, Geumcheon-gu Seoul Korea (Republic Of)
3. Use of Report : FCC & IC Certification
4. Product Name / Model Name : Mobile Computer / PM30W

   FCC ID : V2X-PM30W

   IC : 10664A-PM30W
5. FCC Regulation(s) : FCC Part 15.225

   IC Standards(s) : RSS-210 Issue 10

   Test Method Used : ANSI C63.10-2013
6. Date of Test : 2021.02.16 ~ 2021.04.30
7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
8. Testing Environment : See appended test report.
9. Test Result : Refer to the attached test result.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Affirmation	Tested by Name : JaeHyeok Bang (Signature)	Reviewed by Name : JaeJin Lee (Signature)

2021 . 05 . 27 .

DT&C Co., Ltd.

This test report is a general report that does not use the KOLAS accreditation mark and is not related to KS Q ISO/IEC 17025 and KOLAS accreditation.

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

Test Report Version

Test Report No.	Date	Description	Revised by	Reviewed by
DRTFCC2105-0054	May. 27, 2021	Initial issue	JaeHyeok Bang	JaeJin Lee

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

CONTENTS

1. General Information 4
1.1 Explanations for Reference Test Data 4
1.1.1 Introduction 4
1.1.2 Explain the Differences 4
1.1.3 Spot Check Verification Data 4
1.1.4 Reference Section 4
1.2. Testing Laboratory 5
1.3. Testing Environment 5
1.4. Measurement Uncertainty 5
1.5. Details of Applicant 6
1.6. Description of EUT 6
1.7. EUT Capabilities 6
2. Information about test items 7
2.1 Test mode 7
2.2 Tested frequency 7
2.3 EMI Suppression Device(s)/Modifications 7
3. Antenna requirements 7
4. Test report 8
4.1 Summary of tests 8
4.2 Transmitter requirements 9
4.2.1 20dB bandwidth & Occupied Bandwidth 9
4.2.2 In-band emissions 10
4.2.3 Out-of-band emissions 12
4.2.4 Frequency Stability 14
4.2.5 AC Line Conducted Emissions 15
APPENDIX 18

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

1. General Information

1.1 Explanations for Reference Test Data

1.1.1 Introduction

This report includes the NFC test data of FCC ID: V2X-PM30 / IC: 10664A-PM30 with reference to KDB 484596 D01v01. The applicant takes full responsibility that the test data as reference section below represents compliance for FCC ID: V2X-PM30W / IC: 10664A-PM30W.

Reference FCC ID / IC	Exhibit type	Separated FCC ID / IC
FCC ID: V2X-PM30 / IC: 10664A-PM30	Original Grant / New Single Certification	FCC ID: V2X-PM30W / IC: 10664A-PM30W

1.1.2 Explain the Differences

FCC ID: V2X-PM30W / IC: 10664A-PM30W is same the internal printed circuit board with FCC ID: V2X-PM30 / IC: 10664A-PM30. For FCC ID: V2X-PM30W / IC: 10664-PM30W, WWAN transmitter has been removed.
(It does not changed the SW/HW component of NFC.)

1.1.3 Spot Check Verification Data

Equipment Class (capability)	FCC Part/ RSS Std.	Mode	TX Freq. (MHz)	Test item	Detector Mode	Reference FCC ID: V2X-PM30 / IC: 10664A-PM30		Separated FCC ID: V2X-PM30W / IC: 10664A-PM30W		Limit (dBuV/m)	Deviation (dB)
						Frequency (MHz)	Result (dBuV/m)	Frequency (MHz)	Result (dBuV/m)		
DXX (NFC)	15.225 / RSS-210	Continuous transmitting	13.56	Field strength @30m	Peak	13.56	17.7	13.56	17.6	84.0	0.1

Note1: The spot check were performed based on worst-case results reported in the original test report.
The spot check test results are within 3dB and two products shows a good correlation. It also complies with the FCC limit.

1.1.4 Reference Section

Reference FCC ID: V2X-PM30 / IC: 10664A-PM30

Equipment Class	FCC Part/ RSS Std.	Capability	Band(MHz)	Exhibit type	Report title	Reference Sections
DXX	15.225 / RSS-210	NFC	13.56	Original Grant/ New Single Certification	DXX	All

1.2. Testing Laboratory

DT&C Co., Ltd.		
The 3 m test site and conducted measurement facility used to collect the radiated data are located at the 42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042. The test site complies with the requirements of § 2.948 according to ANSI C63.4-2014. **- FCC & IC MRA Designation No. : KR0034** **- ISED#: 5740A**		
www.dtnc.net		
Telephone	:	+ 82-31-321-2664
FAX	:	+ 82-31-321-1664

1.3. Testing Environment

Ambient Condition	
▪ Temperature	+20 ℃ ~ +25 ℃
▪ Relative Humidity	35 % ~ 45 %

1.4. Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of *k* = 2 to indicate a 95 % level of confidence.

Parameter	Measurement uncertainty
AC power-line conducted emission	3.6 dB (The confidence level is about 95 %, k = 2)
Radiated emission (1 GHz Below)	4.9 dB (The confidence level is about 95 %, k = 2)

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

1.5. Details of Applicant

Applicant Name(FCC)	Point Mobile Co., LTD.
Applicant Name(IC)	POINTMOBILE CO.,LTD
Address (FCC)	B-9F, Kabul Great Valley 32 Digital-ro 9-gil, Geumcheon-gu Seoul South Korea 153-709
Address (IC)	B-9F Kabul Great Valley, 32, Digital-ro 9-gil, Geumcheon-gu Seoul Korea (Republic Of)

1.6. Description of EUT

Equipment Class	Low Power Communications Device Transmitter(DXX)
Product Name	Mobile Computer
Model Name	PM30W
Add Model Name	-
Software Version	30.00xx
EUT Serial Number (Reference product) Note1	Radiated: 2033910156
EUT Serial Number (Separated product) Note2	Radiated: 2034010538
Power Supply	DC 3.85 V
Frequency Band	13.56 MHz
Modulation Technique	ASK
Antenna type	LDS Antenna

Note1: Reference FCC ID: V2X-PM30 / IC: 10664A-PM30
Note2: Separated FCC ID: V2X-PM30W / IC: 10664A-PM30W

1.7. EUT Capabilities

This EUT contains the following capabilities:
Bluetooth, WLAN and NFC

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

2. Information about test items

2.1 Test mode

Test mode1	Continuous transmitting mode

2.2 Tested frequency

Channel	TX Frequency(MHz)
Lowest	**13.56**
Middle	**-**
Highest	**-**

2.3 EMI Suppression Device(s)/Modifications

EMI suppression device(s) added and/or modifications made during testing
→ None

3. Antenna requirements

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

The internal antenna is attached on the PCB using the special spring tension.
Therefore this E.U.T Complies with the requirement of §15.203

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

4. Test report

4.1 Summary of tests

FCC part section(s)	RSS section(s)	Parameter	Limit	Test condition	Status Note 1
2.1049	-	20 dB Bandwidth	-	Radiated	C
-	RSS-Gen [6.7]	Occupied Bandwidth	-		C
15.225 (a)	RSS-210 [B6(a)]	In-Band Emissions	15,848 μV/m @ 30 m 13.553 MHz – 13.567 MHz		C
15.225 (b)	RSS-210 [B6(b)]	In-Band Emissions	334 μV/m @ 30 m 13.410 MHz – 13.553 MHz 13.567 MHz – 13.710 MHz		C
15.225 (c)	RSS-210 [B6(c)]	In-Band Emissions	106 μV/m @ 30 m 13.110 MHz – 13.410 MHz 13.710 MHz – 14.010 MHz		C
15.225 (d) 15.209	RSS-210 [B6(d)] RSS-GEN [8.9]	Out-of Band Emissions	Emissions outside of the specified band (13.110 MHz - 14.010 MHz) must meet the radiated limits detailed in 15.209		C
15.225 (e)	RSS-210 [B6]	Frequency Stability	±0.01 % of operating frequency	Temp & Humid Test Chamber	C
15.207	RSS-Gen [8.8]	AC Conducted Emissions	FCC Part 15.207 (Refer to section 4.2.6)	AC Line Conducted	C
15.203	-	Antenna Requirements	FCC Part 15.203 (Refer to section 3)	-	C

Note 1: **C**=Comply **NC**=Not Comply **NT**=Not Tested **NA**=Not Applicable
Note 2: For radiated emission tests below 30 MHz were performed on semi-anechoic chamber which is correlated with OATS.

4.2 Transmitter requirements

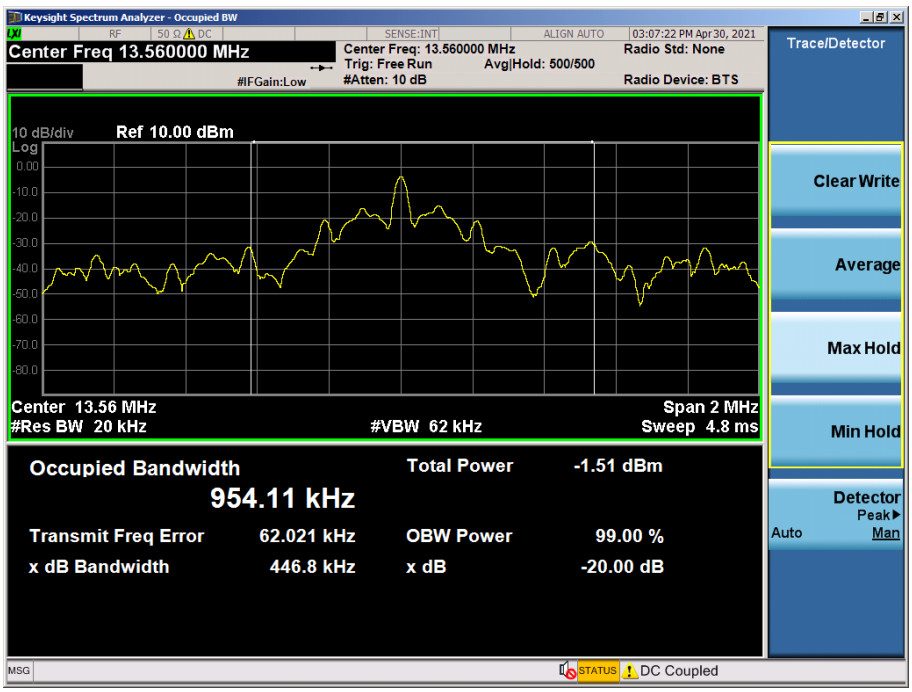
4.2.1 20dB bandwidth & Occupied Bandwidth

- Procedure:

The 20 dB Bandwidth is measured with a spectrum analyzer connected via a receive antenna placed near the EUT while the EUT is operating in transmission mode.
And spectrum analyzer setting use following test procedure of **ANCSI C63.10-2013 – Section 6.9.2, RSS-GEN [6.7]**

1. Center frequency = EUT channel center frequency
2. Span = 2 ~ 5 times the OBW
3. RBW = 1 % ~ 5 % OBW
4. VBW ≥ 3 x RBW
5. Detector = Peak
6. Trace = Max hold
7. The trace was allowed to stabilize
8. Determine the reference value = Set the spectrum analyzer marker to the highest level of the displayed trace
9. Using the marker-delta function of the instrument, determine the "−xx dB down amplitude" using [(reference value) − xx].
10. Reset the marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-delta frequency reading at this point is the specified emission bandwidth.

- Measurement Data: Comply

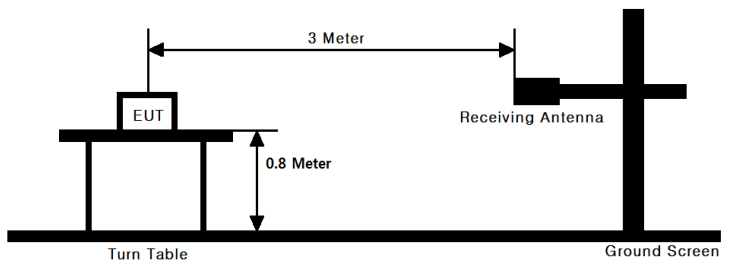


- Minimum Standard: NA

4.2.2 In-band emissions

- Test Configuration

Below 30MHz



- Procedure: The radiated emission was tested according to the **section 6.4 of the ANSI C63.10-2013.**

The EUT was placed on a 0.8 m high non-conductive table and it was placed at 3m distance from the antenna. Measurements were performed for each of the three antenna orientations. (ie. parallel, perpendicular, and ground-parallel)
Also, measurements were performed with the EUT oriented in 3 orthogonal axis and rotated 360 degrees to determine worst-case orientation for maximum emissions.
RBW = As specified in below table, VBW ≥ 3 x RBW, Sweep = Auto, Detector = Peak
Trace mode = Max Hold until the trace stabilizes.

Frequency	RBW
9 - 150 kHz	200 – 300 Hz
0.15 - 30 MHz	9 – 10 kHz
30 – 1 000 MHz	100 – 120 kHz
> 1000 MHz	1 MHz

- Minimum Standard: Part 15.225(a), (b), (c) & RSS-210 [B6(a), (b), (c)]

Frequency Band [MHz]	Limit at 30 m measurement distance	
	[uV/m]	[dBuV/m]
13.553 - 13.567	15,848	84.0
13.410 - 13.553 13.567 - 13.710	334	50.5
13.110 - 13.410 13.710 - 14.010	106	40.5

- **Measurement Data:**

Test Frequency Band [MHz]	Freq. [MHz]	EUT Axis.	ANT (Note 1)	Reading Level [dBuV]	T.F [dB/m]	Field Strength @3 m [dBuV/m]	Field Strength @30 m [dBuV/m]	Limit [dBuV/m]	Margin [dB]
13.110 ~ 13.410	13.349	Z	P	28.0	10.4	38.4	-1.6	40.5	42.1
13.410 ~ 13.553	13.553	Z	P	42.9	10.4	53.3	13.3	50.5	37.2
13.553 ~ 13.567	13.560	Z	P	47.3	10.4	57.7	17.7	84.0	66.3
13.567 ~ 13.710	13.568	Z	P	41.1	10.4	51.5	11.5	50.5	39.0
13.710 ~ 14.010	13.771	Z	P	27.2	10.4	37.6	-2.4	40.5	42.9

Note 1. Loop antenna orientation
"P": Parallel, **"V"**: perpendicular, **"G"**: ground-parallel

Note 2. This test item was performed at 3 m and the data were extrapolated to the specified measurement distance of 30 m using the square of an inverse linear distance extrapolation factor (40 dB/decade) as specified in §15.31(f)2.

- Extrapolation Factor = $20 \log_{10}(3/30)^2 = -40$ dB

Note 3. All data were recorded using a spectrum analyzer employing a peak detector.
If PK results were meet Quasi-peak limit, Quasi-peak measurements were omitted.

Note 4. Sample Calculation.

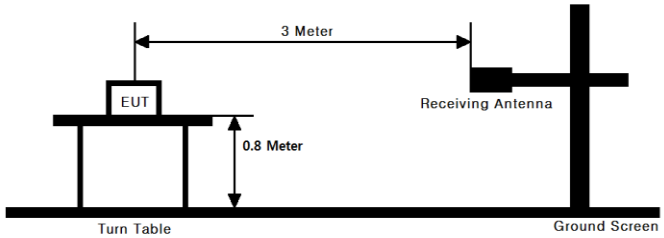
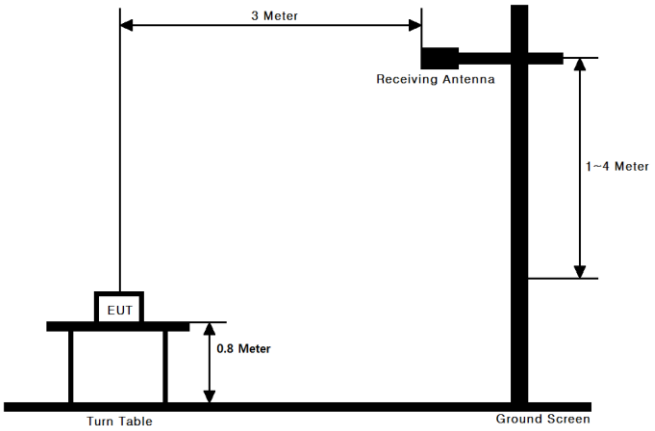
Margin = Limit – Field Strength @ 30 m / Field Strength @ 30 m = Field Strength @ 3 m – 40 dB

Field Strength @ 3 m = Reading + T.F / T.F = AF + CL

Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss

4.2.3 Out-of-band emissions

- Test configuration

Below 30 MHz	30 MHz ~ 1 GHz
	

- Procedure: The radiated emission was tested according to the **section 6.4, 6.5 of the ANSI C63.10-2013.**

For below 30 MHz, measurements were performed as descripted in section 4.2.3.
For above 30 MHz;
The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3 m away from the receiving antenna, which varied from 1 m to 4 m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the highest emission, the relative positions of the EUT were rotated through three orthogonal axes.
RBW = As specified in below table, VBW ≥ 3 x RBW, Sweep = Auto, Detector = Peak
Trace mode = Max Hold until the trace stabilizes.

Frequency	RBW
9 - 150 kHz	200 – 300 Hz
0.15 - 30 MHz	9 – 10 kHz
31 – 1 000 MHz	101 – 120 kHz
> 1000 MHz	1 MHz

- Minimum Standard: Part 15.209, 225(d) & RSS-210[B6(d)], RSS-GEN[8.9]
The field strength of any emissions appearing outside of the 13.110 - 14.010 MHz band shall not exceed the general radiated emission limits as below.

Frequency (MHz)	FCC Limit (uV/m)	IC Limit (μA/m)	Measurement Distance (m)
0.009 – 0.490	2 400 / F (kHz)	6.37/F (F in kHz)	300
0.490 – 1.705	2 4000 / F (kHz)	63.7/F (F in kHz)	30
1.705 – 30.0	30	0.08	30

Frequency (MHz)	FCC Limit (uV/m)	IC Limit (uV/m)	Measurement Distance (m)
30 ~ 88	100 **	100	3
88 ~ 216	150 **	150	3
216 ~ 960	200 **	200	3
Above 960	500	500	3

**Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§15.231 and 15.241.

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

- Measurement Data:

Frequency [MHz]	EUT Axis.	ANT (Note 1)	Reading [dBuV]	TF [dB/m]	DCF [dB]	Electric Field Strength [dBuV/m]	Magnetic Field Strength [dBuA/m]	Limit [dBuV/m]	Limit [dBuA/m]	Margin [dB]
0.538	Z	P	37.7	11.2	-40	8.9	-42.6	33.0	-18.5	24.1
27.080	Z	P	15.7	9.0	-40	-15.3	-66.8	29.5	-21.9	44.8
37.760	Z	V	41.8	-10	NA	31.8	-	40.0	-	8.2
39.700	Z	H	40.2	-9.6	NA	30.6	-	40.0	-	9.4
165.800	Z	H	32.7	-8.0	NA	24.7	-	43.5	-	18.8
949.547	Z	V	24.7	5.1	NA	29.8	-	46.0	-	16.2
959.247	Z	H	25.8	5.2	NA	31.0	-	46.0	-	15.0
-	-	-	-	-	-	-	-	-	-	-

Note 1. No other spurious and harmonic emissions were reported greater than listed emissions above table.
Note 2. All data were recorded using a spectrum analyzer employing a peak detector.
If PK results were meet Quasi-peak limit, Quasi-peak measurements were omitted.
Note 3. Loop antenna orientation (30 MHz Below)
"P"= Parallel, **"V"**= perpendicular, **"G"**= ground-parallel
Bilog antenna polarization (30 MHz above)
"H"= Horizontal, **"V"**= Vertical
Note 4. Information of Distance Correction Factor
For finding emissions, measurements may be performed at a distance closer than that specified in the regulations.
In this case, the distance factor is applied to the result.
- Calculation of distance correction factor
At frequencies below 30 MHz = 40 log(tested distance / specified distance)
At frequencies at or above 30 MHz = 20 log(tested distance / specified distance)
When distance factor is "N/A", the measurements were performed at the specified distance and distance factor is not applied.
Note 5. Sample calculation
Margin = Limit[dBuV/m] – Electric Field Strength
Electric Field Strength (dBuV/m) = Reading + TF – DCF
Magnetic Field Strength (dBuA/m) = Electric Field Strength – 51.5 dB
TF = AF + CL – AG
Where, TF = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain,
DCF = Distance Factor

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

4.2.4 Frequency Stability

- Procedure:

Part 15.225 requires that devices operating in the 13.553 – 13.567 MHz shall maintain the carrier frequency within 0.01 % of the operating frequency over the temperature variation of -20 degrees to + 50 degrees C at normal supply voltage.

- Measurement Data: Comply

Operating Frequency : **13,560,000 Hz**

VOLTAGE (%)	POWER (V_{DC})	TEMP (℃)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	3.85	+20(ref)	13,559,739	-261	0.001 925
100 %		-20	13,559,802	-198	0.001 460
100 %		-10	13,559,815	-185	0.001 364
100 %		0	13,559,807	-193	0.001 423
100 %		+10	13,559,722	-278	0.002 050
100 %		+20	13,559,739	-261	0.001 925
100 %		+30	13,559,701	-299	0.002 205
100 %		+40	13,559,686	-314	0.002 316
100 %		+50	13,559,664	-336	0.002 478
115 %	4.43	+20	13,559,729	-271	0.001 999
85%	3.27	+20	13,559,716	-284	0.002 094

- Minimum Standard: Part 15. 225(e) & RSS-210 [B6]

The frequency tolerance of the carrier signal shall be maintained within ±0.01 % of the operating frequency.

4.2.5 AC Line Conducted Emissions

- Test Requirements and limit

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5	56	46
5 ~ 30	60	50

* Decreases with the logarithm of the frequency

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

- Test Configuration

See test photographs for the actual connections between EUT and support equipment.

- Test Procedure

1. The EUT is placed on a wooden table 80 cm above the reference ground plane.
2. The EUT is connected via LISN to a test power supply.
3. The measurement results are obtained as described below:
4. Detectors – Quasi Peak and Average Detector.

- Measurement Data: Comply (refer to the next page)

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

Measurement Data

Results of Conducted Emission

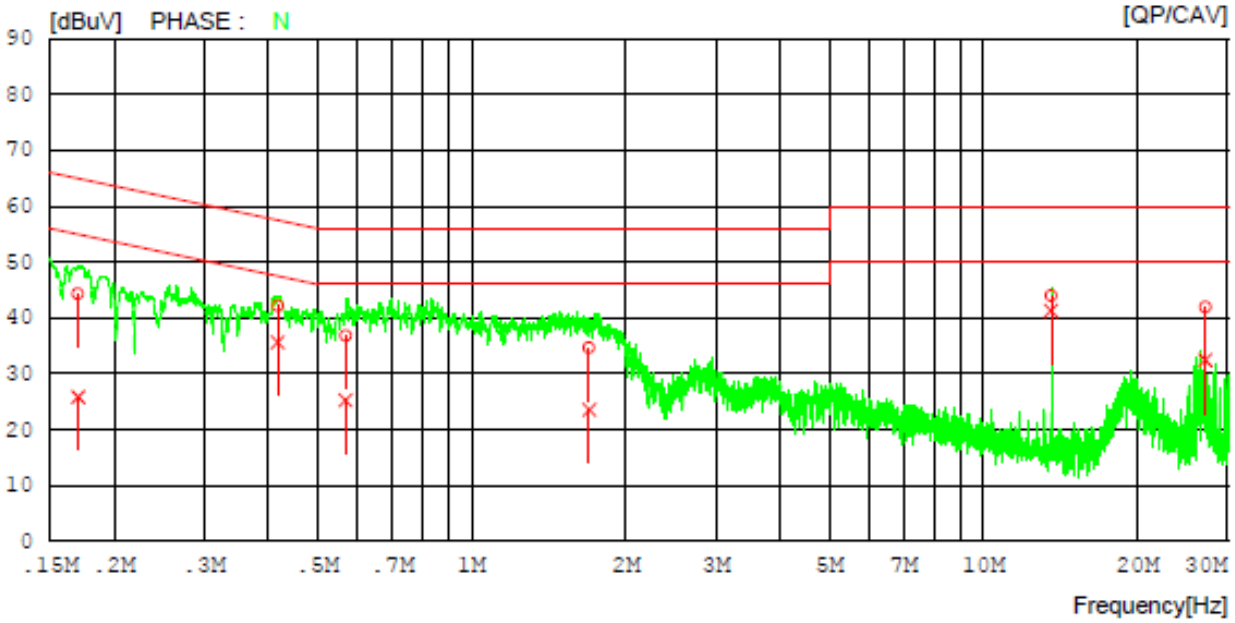
DTNC

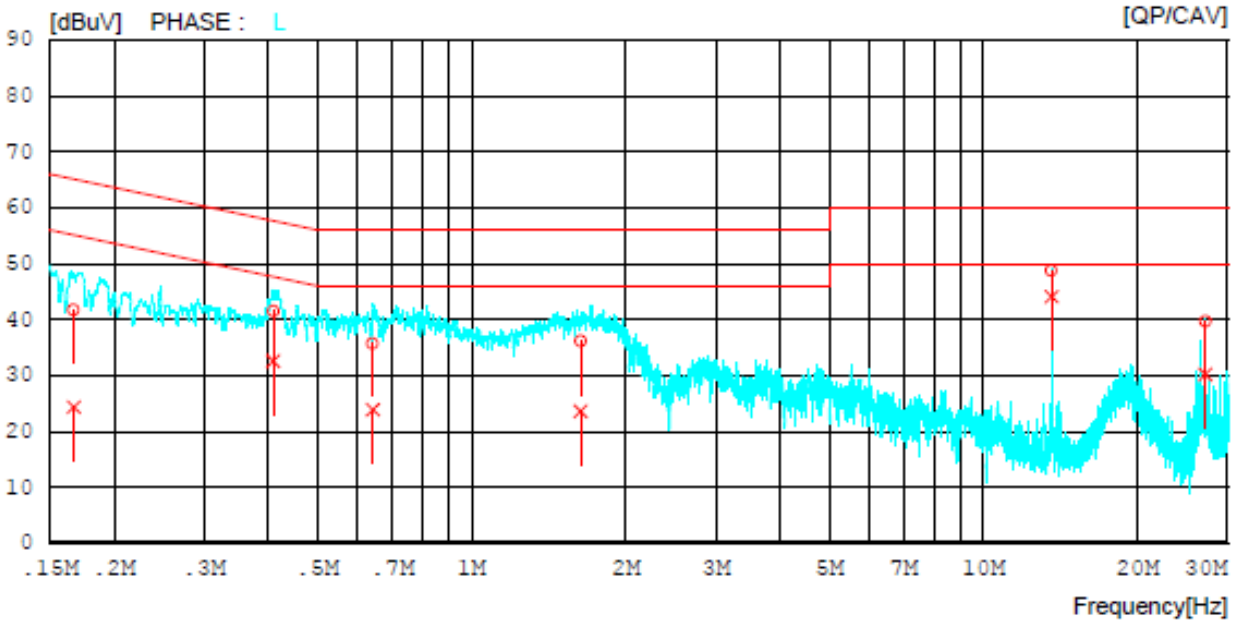
Date 2021-03-05

Order No.		Referrence No.	
Model No.	PM30	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 39 %
Test Condition	NFC	Operator	J.W.Kim

Memo

LIMIT : FCC P15.207 QP
FCC P15.207 AV





Measurement Data

Results of Conducted Emission

DTNC

Date 2021-03-05

Order No.		Referrence No.	
Model No.	PM30	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 ℃ / 39 %
Test Condition	NFC	Operator	J.W.Kim

Memo

LIMIT : FCC P15.207 QP
FCC P15.207 AV

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.17023	34.38	15.91	9.95	44.33	25.86	64.95	54.95	20.62	29.09	N
2	0.41788	32.21	25.66	9.98	42.19	35.64	57.49	47.49	15.30	11.85	N
3	0.56756	26.79	15.31	9.98	36.77	25.29	56.00	46.00	19.23	20.71	N
4	1.69722	24.63	13.60	10.00	34.63	23.60	56.00	46.00	21.37	22.40	N
5	13.55936	33.51	30.88	10.42	43.93	41.30	60.00	50.00	16.07	8.70	N
6	27.12044	31.29	21.85	10.63	41.92	32.48	60.00	50.00	18.08	17.52	N
7	0.16677	31.68	14.34	9.94	41.62	24.28	65.12	55.12	23.50	30.84	L
8	0.40952	31.53	22.55	9.96	41.49	32.51	57.66	47.66	16.17	15.15	L
9	0.64041	25.72	13.86	9.97	35.69	23.83	56.00	46.00	20.31	22.17	L
10	1.63183	26.04	13.55	10.01	36.05	23.56	56.00	46.00	19.95	22.44	L
11	13.56000	38.32	33.63	10.41	48.73	44.04	60.00	50.00	11.27	5.96	L
12	27.12076	29.01	19.53	10.58	39.59	30.11	60.00	50.00	20.41	19.89	L

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.

APPENDIX

TEST EQUIPMENT FOR TESTS

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal.Date (yy/mm/dd)	S/N
Spectrum Analyzer	Agilent Technologies	N9020A	20/06/24	21/06/24	MY46471622
Spectrum Analyzer	Agilent Technologies	N9020A	20/06/24	21/06/24	US47360812
Spectrum Analyzer	Agilent Technologies	N9020A	20/06/24	21/06/24	MY50410163
DC Power Supply	Agilent Technologies	66332A	20/06/24	21/06/24	MY43000211
Multimeter	FLUKE	17B+	20/12/16	21/12/16	3630701WS
Signal Generator	Rohde Schwarz	SMBV100A	20/12/16	21/12/16	255571
Thermohygrometer	BODYCOM	BJ5478	20/12/16	21/12/16	120612-1
Thermohygrometer	BODYCOM	BJ5478	20/12/16	21/12/16	120612-2
Loop Antenna	ETS-Lindgren	6502	21/01/28	23/01/28	00226186
BILOG ANTENNA	Schwarzbeck	VULB 9160	20/12/16	21/12/16	3362
PreAmplifier	H.P	8447D	20/12/16	21/12/16	2944A07774
Temp & Humi Test Chamber	SJ Science	SJ-TH-S50	20/06/24	21/06/24	SJ-TH-S50-130930
Cable	HUBER+SUHNER	SUCOFLEX100	21/01/08	22/01/08	M-01
Cable	HUBER+SUHNER	SUCOFLEX100	21/01/08	22/01/08	M-02
Cable	JUNFLON	MWX241	21/01/08	22/01/08	M-03
Cable	JUNFLON	J12J101757-00	21/01/08	22/01/08	M-07
Cable	HUBER+SUHNER	SUCOFLEX106	21/01/08	22/01/08	M-09
EMI Receiver	ROHDE&SCHWARZ	ESU	20/11/16	21/11/16	100469
PULSE LIMITER	Rohde Schwarz	ESH3-Z2	20/08/25	21/08/25	101333
LISN	SCHWARZBECK	NSLK 8128 RC	20/10/23	21/10/23	8128 RC-387
HYGROMETER	TESTO	608-H1	21/01/19	22/01/19	34862883
Cable	DT&C	Cable	21/01/05	22/01/05	RFC-69
Test Software	tsj	Radiated Emission Measurement	N/A	N/A	Version 2.00.0177
Test Software	tsj	Noise Terminal Voltage Measurement	N/A	N/A	Version 2.00.0170

Note1: The measurement antennas were calibrated in accordance to the requirements of ANSI C63.5-2017.
Note2: The cable is not a regular calibration item, so it has been calibrated by DT&C itself.

This test report is prohibited to copy or reissue in whole or in part without the approval of DT&C Co., Ltd.