



Report No.: FR920112AW

FCC TEST REPORT

FCC ID : 2AA7Y-MOSHIQI004

Equipment: SnapTo Car Mount with Wireless Charging

Brand Name : Moshi

Model Name : 99MO122002

Applicant : Aevoe Inc.

27F., NO.68, Sec. 5, Zhongxiao E. Rd., Taipei City

11065, Taiwan

Manufacturer : Powergene Technology Co., Ltd. Taiwan Branch

1F-5, No.1, Wuquan 1st Rd., Xinzhuang Dist., New

Taipei City, Taiwan

Standard : 47 CFR FCC Part 15.209

The product was received on Feb. 01, 2019, and testing was started from Feb. 21, 2019 and completed on Feb. 22, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

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FR920112AW	01	Initial issue of report	Mar. 21, 2019

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Summary of Test Result

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Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.209	Transmitter Radiated Emissions	PASS	-
3.3	15.215(c)	Emission Bandwidth	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None.

Reviewed by: Sam Tsai

Report Producer: Debby Hung

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1 General Description

1.1 Information

1.1.1 General Information

Wireless Power Transfer General Information				
Modulation Mode	Charging Freq. (kHz)	Field Strength (dBuV/m)		
ASK	122.75	67.86		
Output power from each primary coil	That may have multiple primary coils	Charging Method		
<15W	No	Client directly contact		
	Modulation Mode ASK Output power from each primary coil	Modulation Mode ASK 122.75 Output power from each primary coil That may have multiple primary coils		

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1.1.2 Antenna Information

	Antenna Category
	Equipment placed on the market without antennas
\boxtimes	Integral antenna (antenna permanently attached)
	☐ Temporary RF connector provided
	No temporary RF connector provided Transmit chains bypass antenna and soldered temporary RF connector provided for connected measurement. In case of conducted measurements the transmitter shall be connected to the measuring equipment via a suitable attenuator and correct for all losses in the RF path.
	External antenna (dedicated antennas)

Antenna General Information		
No.	Ant. Cat.	Ant. Type
1	Integral	Coil

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1.1.3 EUT Information

	Operational Condition					
EU	From Host system					
		Type of EUT				
\boxtimes	Stand-alone					
	Combined (EUT whe	re the radio part is fully integrated within another device)				
	Combined Equipmen	t - Brand Name / Model No.:				
	Plug-in radio (EUT in	ended for a variety of host systems)				
	Host System - Brand Name / Model No.:					
	Other: The EUT place with the platform.					
1.1.4	.1.4 Test Signal Duty Cycle					
	Operated Mode for Worst Duty Cycle					
	Operated normally mode for worst duty cycle					
\boxtimes	Operated test mode for worst duty cycle					
		Test Signal Duty Cycle (x)				
\boxtimes	100%					

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1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 680106 D01 RF Exposure Wireless Charging Apps v03

1.3 Testing Location Information

	Testing Location					
\boxtimes	HWA YA	ADD	:	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)		
		TEL	:	: 886-3-327-3456 FAX : 886-3-327-0973		
	Test site Designation No. TW1190 with FCC.					
	JHUBEI ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)					
	TEL: 886-3-656-9065 FAX: 886-3-656-9085					
	Test site Designation No. TW0006 with FCC.					

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Barry	23.8~24.7°C / 55~61%	21/Feb/2019
AC Conduction	CO04-HY	Lego	23.2~24.5°C / 59.4~63.1%	22/Feb/2019
Radiated Emission	03CH03-HY	Pau	22.5~22.7°C / 52.1~52.3%	22/Feb/2019

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1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

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Measurement Uncertainty					
Test It	Uncertainty	Limit			
Radio Frequency		± 6.7 X 10 ⁻⁸	± 1 X 10 ⁻⁷		
All emissions, radiated	9 – 150 kHz	±1.6 dB	±6 dB		
	0.15 – 30 MHz	±1.6 dB	±6 dB		
	30 – 1000 MHz	±2.6 dB	±6 dB		
Temperature	±0.8 °C	±1 °C			
Humidity	±5 %	±5 %			
DC and low frequency voltages		±0.9%	±3 %		

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2 Test Configuration of EUT

2.1 The Worst Case Configuration

Modulation Mode	Field Strength (dBuV/m at 3m)
ASK	67.86
Wireless charger were performed all charging con	ditions including variable loading and non-charging

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Wireless charger were performed all charging conditions including variable loading and non-charging operation, the worst mode is full charging loading.

2.2 The Worst Charger Frequencies Configuration

Modulation Mode	Charger Frequencies (kHz)
ASK	122.75
Wireless charger frequencies are variable frequency r	ange (112-145 kHz) and depend on charging loading.

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The Worst Case Measurement Configuration 2.3

The Worst Case Mode for Following Conformance Tests	
Tests Item AC power-line conducted emissions	
Condition AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz	
Operating Mode	USB Mode

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Th	The Worst Case Mode for Following Conformance Tests			
Tests Item	Transmitter Radiated Emissions, Emission Bandwidth			
Test Condition	Radiated measurement			
	EUT will be placed in fixed position.			
User Position	EUT will be placed in mobile position and operating multiple positions.			
	EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions.			
Operating Mode	USB Mode			
	Z Plane			
Orthogonal Planes of EUT				
Worst Planes of EUT	V			

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2.4 Accessories

Accessories				
LICD Cable	Brand Name	moshi	Model Name	1700000237
USB Cable	Power Rating	1 meter, Shielded cab	le, without ferrite	core

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Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

	Support Equipment – AC Conduction					
No.	Equipment	FCC ID				
1	Notebook	DELL	E5520	-		
2	iPhone	Apple	A1905	-		
3	Adapter for NB	DELL	HA65NM130	-		

Note: Support equipment No.6 was provided by customer.

	Support Equipment – Conducted					
No. Equipment Brand Name Model Name FCC ID				FCC ID		
1	Mobile phone	Apple	IPhone 8	-		
2	DC Power Supply	GW	GPS-3030DD	-		

	Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID		
1	Notebook	DELL	E5520	-		
2	iPhone	Apple	A1905	-		
3	Adapter	DELL	LA90PS1-00	-		
4	Adapter for NB	DELL	HA65NM130	-		

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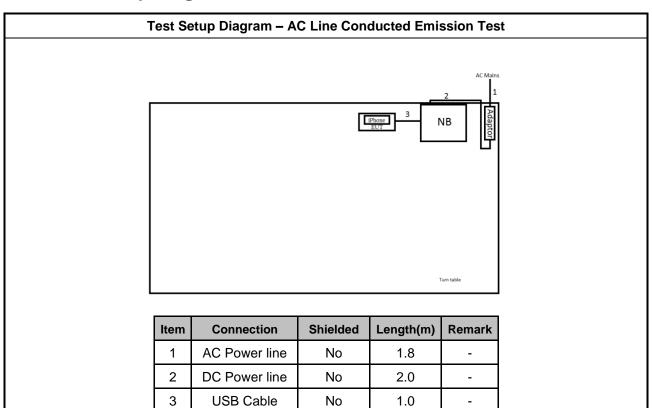
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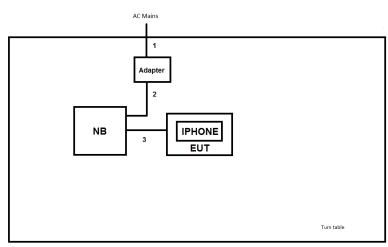


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Test Setup Diagram 2.6



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC Power line	No	2.0	-
3	USB Cable	No	1.0	-

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3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit			
Frequency Emission (MHz) Quasi-Peak Average			
0.15-0.5	66 - 56 *	56 - 46 *	
0.5-5	56	46	
5-30	60	50	

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3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

	Test Method				
\boxtimes	Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.				
\boxtimes	If AC	C conducted emissions fall in operating band, then following below test method confirm final result.			
conditions: (1) Perform the FCC 15.207 lim (2) Retest with a		Accept measurements done with a suitable dummy load replacing the antenna under the following conditions: (1) Perform the AC line conducted tests with the antenna connected to determine compliance with FCC 15.207 limits outside the transmitter's fundamental emission band; (2) Retest with a dummy load to determine compliance with FCC 15.207 limits within the transmitter's fundamental emission band.			
		For a device with a permanent antenna operating at or below 30 MHz, accept measurements done with a suitable dummy load, in lieu of the permanent antenna under the following conditions: (1) Perform the AC line conducted tests with the permanent antenna to determine compliance with the FCC 15.207 limits outside the transmitter's fundamental emission band; (2) Retest with a dummy load in lieu of the permanent antenna to determine compliance with the FCC 15.207 limits within the transmitter's fundamental emission band.			

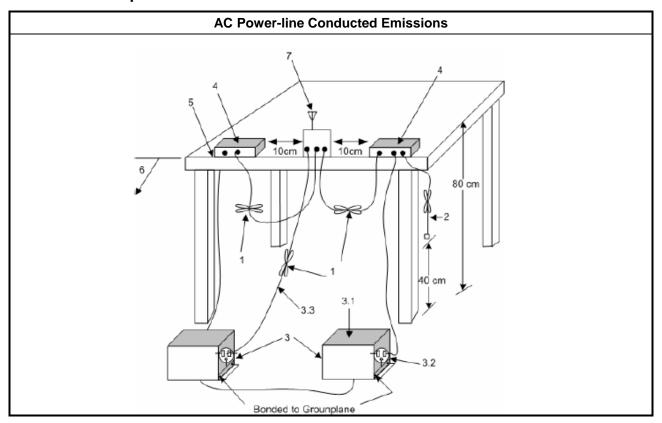
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Test Setup 3.1.4



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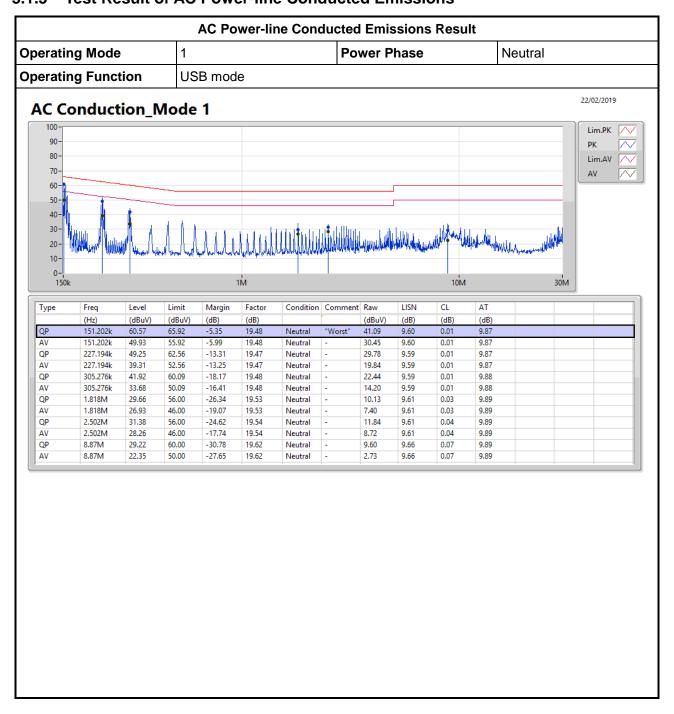
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3.1.5 Test Result of AC Power-line Conducted Emissions



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AC Power-line Conducted Emissions Result Power Phase Operating Mode Line **Operating Function** USB mode 22/02/2019 AC Conduction_Mode 1 Lim.PK / 90-80-Lim.AV / 70 ΑV 60-50-40-LALICALIA I CANALINI LA CANALI 30-20-10-1M 10M 30M Type Frea Margin Factor Condition Comment Raw LISN CL ΑT Level Limit (Hz) (dBuV) (dBuV) (dB) (dB) (dBuV) (dB) (dB) (dB) QP "Worst 150.6k 60.60 65.96 Line 0.01 9.87 -5.36 19,48 41.12 9.60 ΑV 150.6k 49.99 55.96 -5.97 19.48 Line 30.51 9.60 0.01 9.87 227.194k OP 50.14 62.56 -12.42 19.48 30.66 0.01 9.87 Line 9.60 20.71 ΑV 227.194k 40.19 52,56 -12.37 19.48 9.60 9.87 Line 0.01 QP 301.641k 60.21 -17.34 23.39 42.87 19.48 9.59 0.01 9.88 Line ΑV 301.641k 34.44 50.21 9.88 -15.77 19.48 14.96 0.01 Line 9.59 QP 1.665M 30.83 56.00 -25.17 19.54 11.29 9.62 0.03 9.89 Line A۷ 1.665M 28.22 46.00 -17.78 19.54 8.68 9.62 0.03 9.89 Line QP 2.878M 31.62 56.00 -24.38 19.56 12.06 9.63 0.04 9.89 Line A۷ 2.878M 28.44 46.00 -17.56 19.56 8.88 9.63 0.04 9.89 Line QP 9.013M 60.00 -27.23 19.63 13.14 Line A۷ 9.013M 25.17 50.00 -24.83 19.63 5.54 0.07 9.89

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Transmitter Radiated Emissions 3.2

3.2.1 **Transmitter Radiated Emissions Limit**

Transmitter Radiated Emissions Limit					
Frequency Range (MHz)	Measure Distance (m)				
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300		
0.490~1.705	24000/F(kHz)	33.8 - 23	30		
1.705~30.0	30	29	30		
30~88	100	40	3		
88~216	150	43.5	3		
216~960	200	46	3		
Above 960	500	54	3		

- Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
- Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of
- Note 3: the frequency bands 9-90 kHz, 110-490 kHz measurements employing an average detector and other below 1GHz measurements employing a CISPR guasi-peak detector.

3.2.2 **Measuring Instruments**

Refer a test equipment and calibration data table in this test report.

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3.2.3 Test Procedures

	Test Method
\boxtimes	Refer as ANSI C63.10, clause 6.5 for radiated emissions from 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.4 for radiated emissions from below 30 MHz the frequency bands 9-90 kHz, 110-490 kHz measurements employing an average detector and other below 30MHz measurements employing a CISPR quasi-peak detector. Test distance is 3m.
	At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the requirements; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be following below methods.
	The results shall be extrapolated to the specified distance by making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor.
	The results shall be by using the square of an inverse linear distance extrapolation factor (40 dB/decade).
	For radiated measurement. Loop antenna was rotated about the horizontal and vertical axis and the equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted field strength level.
\boxtimes	The any unwanted emissions level shall not exceed the fundamental emission level.
	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

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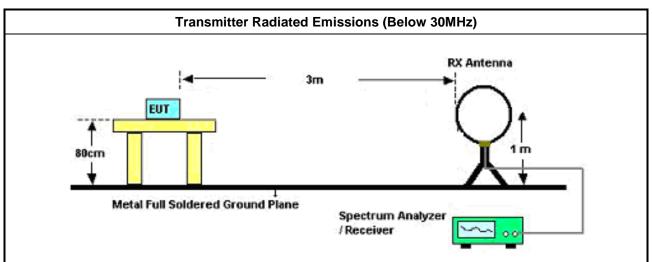
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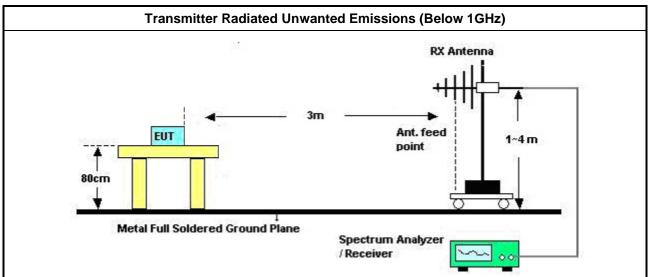


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3.2.4 **Test Setup**



Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop



Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.

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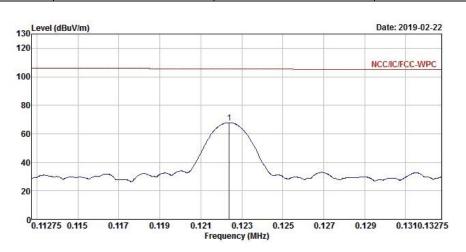
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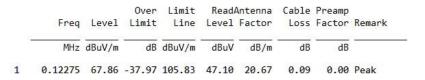
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3.2.5 Transmitter Radiated Emissions (Below 30MHz)

Transmitter Radiated Emissions(Fundamental emission)			
Modulation Mode	ASK	Test Freq. (kHz)	122.75
Operating Mode	1	Polarization	Н

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- Note 1: ">20dB" means spurious emission levels that exceed the level of 6 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement worst emissions of receive antenna polarization: H(Horizontal).
- Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.
- Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level could be exceed the fundamental emission level.

Note 6: The test result in peak detector is less than average limit, so that we tested in peak detector only.

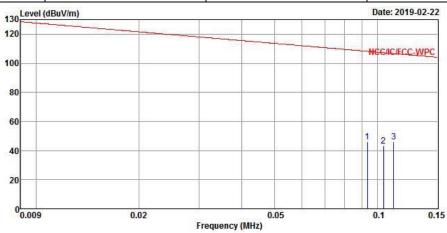
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Transmitter Radiated Emissions (9 kHz – 150 kHz)								
Modulation Mode	ASK	Test Freq. (kHz)	122.75					
Operating Mode	1	Polarization	Н					



		Level		Limit Line					Remark
82	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	0.09332	45.99	-62.22	108.21	25.16	20.75	0.08	0.00	Peak
2	0.10403	42.96	-64.30	107.26	22.18	20.70	0.08	0.00	Peak
3	0.11137	46.19	-60.48	106.67	25.42	20.69	0.08	0.00	Peak

- Note 1: ">20dB" means spurious emission levels that exceed the level of 6 dB below the applicable limit.
- Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
- Note 3: Measurement worst emissions of receive antenna polarization: H(Horizontal).
- Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.
- Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level could be exceed the fundamental emission level.

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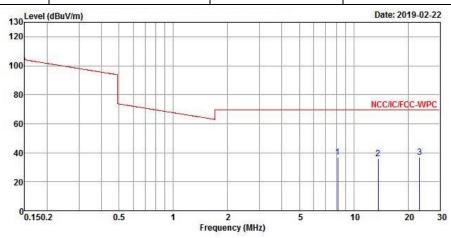
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Transmitter Radiated Emissions (150 kHz – 30 MHz)

Modulation Mode ASK Test Freq. (kHz) 122.75

Operating Mode 1 Polarization H

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Freq	Level	Over Limit						Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	S-
8.14980	37.17	-32.37	69.54	15.44	21.20	0.53	0.00	Peak
13.64220	36.10	-33.44	69.54	13.58	21.83	0.69	0.00	Peak
23.13450	36.84	-32.70	69.54	13.43	22.49	0.92	0.00	Peak
	MHz 8.14980 13.64220	MHz dBuV/m 8.14980 37.17 13.64220 36.10	Freq Level Limit MHz dBuV/m dB 8.14980 37.17 -32.37 13.64220 36.10 -33.44	Freq Level Limit Line MHz dBuV/m dB dBuV/m 8.14980 37.17 -32.37 69.54 69.54 13.64220 36.10 -33.44 69.54	Freq Level Limit Line Level MHz dBuV/m dB dBuV/m dBuV 8.14980 37.17 -32.37 69.54 15.44 13.64220 36.10 -33.44 69.54 13.58	Freq Level Limit Line Level Factor MHz dBuV/m dB dBuV/m dBuV dB/m 8.14980 37.17 -32.37 69.54 15.44 21.20 13.64220 36.10 -33.44 69.54 13.58 21.83	Freq Level Limit Line Level Factor Loss MHz dBuV/m dB dBuV/m dBuV dB/m dB 8.14980 37.17 -32.37 69.54 15.44 21.20 0.53 13.64220 36.10 -33.44 69.54 13.58 21.83 0.69	Freq Level Limit Line Level Factor Loss Factor MHz dBuV/m dB dBuV/m dBuV/m dB/m dB dB 8.14980 37.17 -32.37 69.54 15.44 21.20 0.53 0.00 13.64220 36.10 -33.44 69.54 13.58 21.83 0.69 0.00

Note 1: ">20dB" means spurious emission levels that exceed the level of 6 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement worst emissions of receive antenna polarization: H(Horizontal).

Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level could be exceed the fundamental emission level.

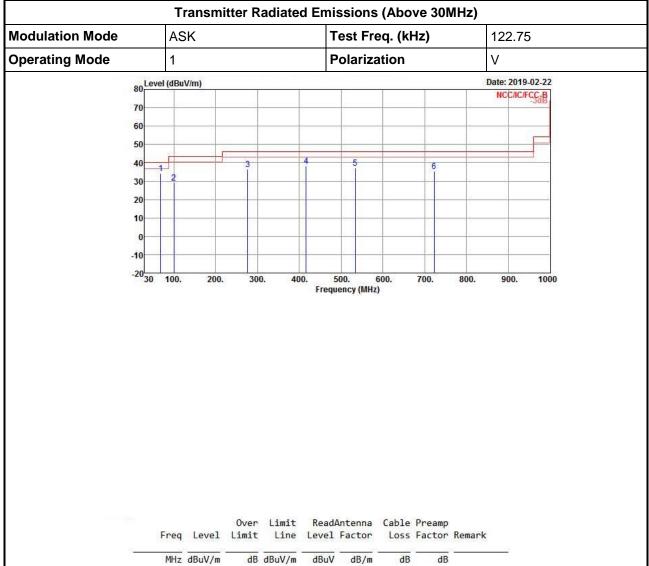
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3.2.6 Transmitter Radiated Emissions (Above 30MHz)



	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	68.80000	34.16	-5.84	40.00	48.57	11.36	1.68	27.45	Peak
2	99.84000	29.06	-14.44	43.50	38.37	16.07	1.98	27.36	Peak
3	276.38000	36.61	-9.39	46.00	42.68	17.98	2.65	26.70	Peak
4	416.06000	38.26	-7.74	46.00	40.69	21.76	3.18	27.37	Peak
5	534.40000	37.20	-8.80	46.00	38.38	23.06	3.62	27.86	Peak
6	722.58000	35.29	-10.71	46.00	34.48	24.43	4.23	27.85	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 6 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level could be exceed the fundamental emission level.

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Transmitter Radiated Emissions (Above 30MHz)

Modulation Mode ASK Test Freq. (kHz) 122.75

Operating Mode 1 Polarization H

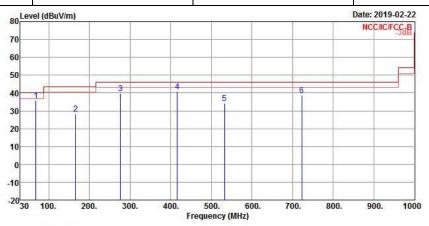
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	Freq	Level		Limit Line					Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1	68.80000	35.81	-4.19	40.00	50.22	11.36	1.68	27.45	QP
2	165.80000	28.43	-15.07	43.50	38.13	14.95	2.41	27.06	Peak
3	276.38000	39.59	-6.41	46.00	45.66	17.98	2.65	26.70	Peak
4	416.06000	41.01	-4.99	46.00	43.44	21.76	3.18	27.37	Peak
5	532.46000	34.37	-11.63	46.00	35.71	22.90	3.62	27.86	Peak
6	722.58000	38.56	-7.44	46.00	37.75	24.43	4.23	27.85	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 6 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level could be exceed the fundamental emission level.

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3.3 Emission Bandwidth

3.3.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
N/A	

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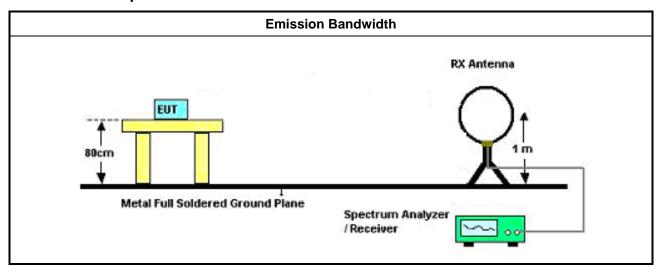
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method ☐ For the emission bandwidth refer ANSI C63.10, clause 6.9.3 for occupied bandwidth testing. ☐ For radiated measurement. Loop antenna was rotated about the horizontal and vertical axis and the equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted field strength level.

3.3.4 Test Setup

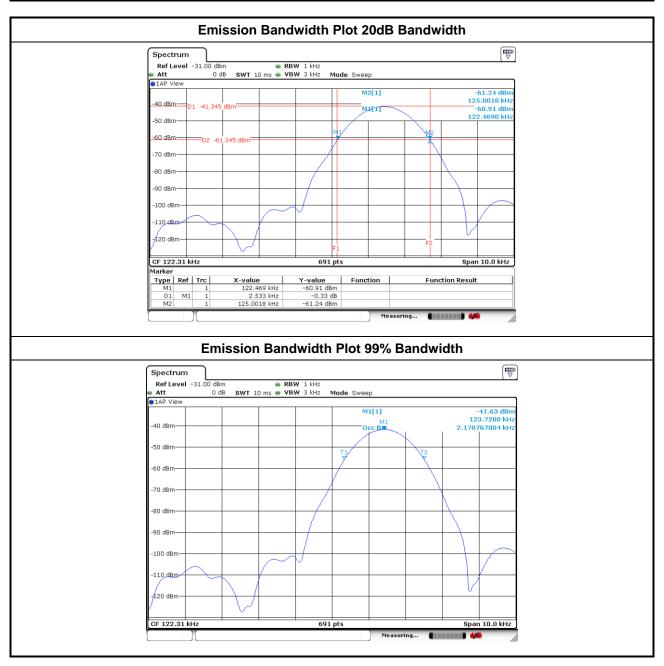


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3.3.5 Test Result of Emission Bandwidth

Occupied Channel Bandwidth Result								
Modulation Mode	Frequency (kHz)							
ASK	122.75	2.533	2.171					
Lii	mit	N/A N/A						
Re	Result Complied							



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Test Equipment and Calibration Data 4

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	9kHz~40GHz	11/Sep/2018	10/Sep/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Oct/2018	29/Oct/2019
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	23/Apr/2018	19/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
Bilog Antenna with 5dB Pad	ETS	3142B & MTJ6102-05	00022055	26 MHz - 3 GHz	19/Nov/2018	18/Nov/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	29/Jan/2018	28/Jan/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

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