



Report No.: FR980147AW



FCC ID : U4G-Q103SDF

Equipment : Dock

Brand Name : DATALOGIC

Model Name : DOCK, 3 SLOT, FULL, MEMOR 20

Applicant : DATALOGIC S.R.L.

> **VIA SAN VITALINO 13 40012 LIPPO DI** CALDERARA DI RENO (BO), ITALY

: DATALOGIC S.R.L. Manufacturer

> **VIA SAN VITALINO 13 40012 LIPPO DI** CALDERARA DI RENO (BO), ITALY

Standard : 47 CFR FCC Part 15.209

The product was received on Oct. 17, 2019, and testing was started from Oct. 26, 2019 and completed on Oct. 29, 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.)

TEL: 886-3-327-3456 FAX: 886-3-327-0973

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PHOTOGRAPHS OF EUT v01

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History of this test report

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Report No.	Version	Description	Issued Date
FR980147AW	01	Initial issue of report	Dec. 03, 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: Michelle Tsai

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1 General Description

1.1 Information

1.1.1 General Information

Wireless Power Transfer General Information					
Frequency Range	Modulation Mode	Charging Freq. (kHz)	Field Strength (dBuV/m)		
130-148 kHz	ASK	144	77.29		
Power Transfer Method	Output power from each primary coil	That may have multiple primary coils	Charging Method		
Magnetic induction and three primary coil	<15W	Yes	Client directly contact		
Note 1: Field strength performed peak level at 3m.					

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	Coils			

1.1.3 EUT Information

	Operational Condition				
EU	EUT Power Type From AC Adapter				
	Type of EUT				
\boxtimes	Stand-alone				
	Combined (EUT where the radio part is fully integrated within another device)				
	Combined Equipment - Brand Name / Model No.:				
	Plug-in radio (EUT intended for a variety of host systems)				
	Host System - Brand Name / Model No.:				
	Other: The EUT place with the platform.				

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1.1.4 Test Signal Duty Cycle

	Operated Mode for Worst Duty Cycle				
\boxtimes	Operated normally mode for worst duty cycle				
	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						
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.						

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	21.5~23.8°C / 60.8~62.2%	26/Oct/2019
RF Conducted	TH01-HY	Andy Lee	23.1~26.9°C / 62.5~66.3%	29/Oct/2019
Radiated Emission	03CH01-HY	Edward Wang	22.3~24.8°C / 60.4~63.2%	29/Oct/2019

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)

Measurement Uncertainty					
Test Item		Uncertainty	Limit		
Radio Frequency	Radio Frequency				
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 Test Condition

Condition Item	Abbreviation/Remark	Remark
Tnom Vnom	Tnom	20°C
-	Vnom	120V

2.2 The Worst Case Configuration

Modulation Mode	Field Strength (dBuV/m at 3m)
ASK	77.29

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

2.3 The Worst Charger Frequencies Configuration

Modulation Mode	Charger Frequencies (kHz)	
ASK	144	
Wireless charger frequencies are variable frequency range (130-148 kHz) and depend on charging loading		

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The Worst Case Measurement Configuration 2.4

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		
Operating Mode 1. Adapter Mode		

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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.			
	1. Adapter Mode (A Phone)			
Operating Mode	2. Adapter Mode (Two phones)			
Mode 3 configuration was	tested and found to be the worst case and measured during the test.			
	Z Plane			
Orthogonal Planes of EUT				

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2.5 Accessories

Accessories				
Key	Brand Name	-	Model Name	DL_Q10 UNLOCK KEY
USB	Brand Name	-	Model Name	ETHERNET PLUG IN, BLACK, MEMOR 20

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

2.6 Support Equipment

	Support Equipment – AC Conduction and Radiated				
No. Equipment Brand Name Model Name FCC ID					
1	Smart Phone * 3	DATALOGIC	Memor20	-	
2	AC adapter	CWT	2AAL090K	-	

Note: Support equipment No.1, 2 were provided by customer.

	Support Equipment – Conducted				
No.	No. Equipment Brand Name Model Name FCC ID				
1	Smart Phone * 3	GW	APS-9102	-	
2	AC adapter	CWT	2AAL090K	-	

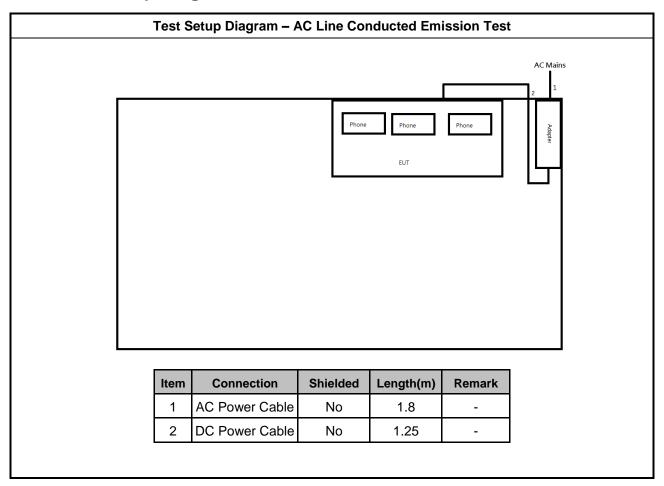
Note: Support equipment No.1, 2 were provided by customer.

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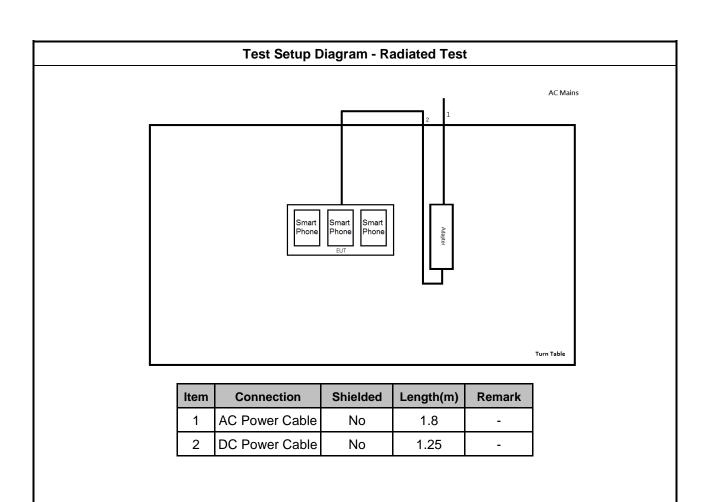
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Test Setup Diagram 2.7



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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	

3.1.2 Measuring Instruments

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

Test Procedures 3.1.3

	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.				
		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.				

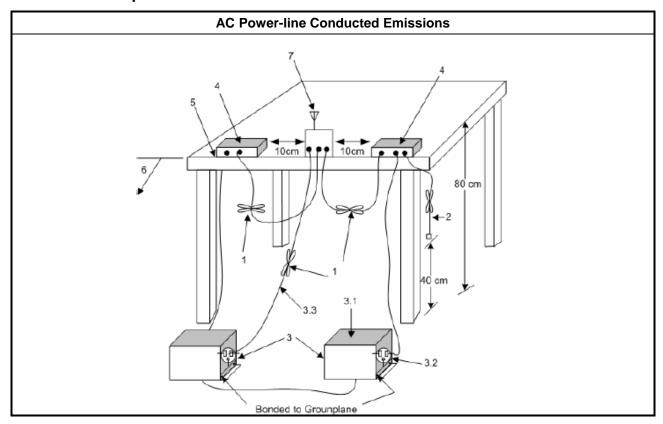
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3.1.4 Test Setup



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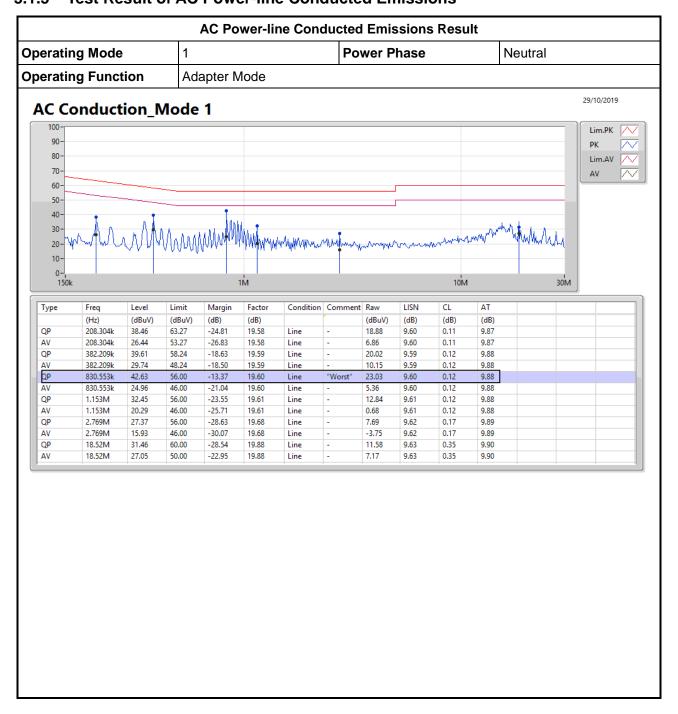
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3.1.5 Test Result of AC Power-line Conducted Emissions



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AC Power-line Conducted Emissions Result Operating Mode Power Phase Line **Operating Function** Adapter Mode 29/10/2019 AC Conduction_Mode 1 Lim.PK 90-80-Lim.AV 70 $\overline{}$ 60 50-40-20 10-1M 10M Type Freq Factor Condition Comment Raw LISN CL ΑT (Hz) (dBuV) (dBuV) (dB) (dBuV) (dB) (dB) (dB) (dB) QP 208.304k 42.04 63.27 -21.23 19.57 Neutral 22.47 9.59 0.11 9.87 A۷ 208.304k 28.01 53.27 -25.26 19.57 8.44 9.59 9.87 0.11 Neutral QP 346.008k -15.17 24.30 43.89 59.06 19.59 9.59 0.12 9.88 Neutral ΑV 346.008k 49.06 -19.17 9.88 29.89 19.59 10.30 9.59 0.12 Neutral QP 830.553k 41.47 56.00 -14.53 19.59 21.88 9.59 0.12 9.88 Neutral ΑV 830.553k 46.00 9.59 9.88 24.88 -21.1219.59 Neutral 5.29 0.12 QP 1.153M 15.47 9.88 35.07 56.00 -20.93 19.60 9.60 0.12 Neutral ΑV 1.153M 9.88 46.00 -24.88 1.52 9.60 0.12 21.12 19.60 Neutral QP 2.137M 29.58 56.00 -26.42 19.65 9.93 9.61 0.15 9.89 Neutral 2.137M ΑV 16.06 46.00 -29.94 9.61 9.89 19.65 Neutral -3.590.15 QP 18.52M 32.55 60.00 -27.45 19.93 12.62 9.68 0.35 9.90 Neutral 19.93 ΑV 18.52M 28.30 50.00 -21.70 Neutral 8.37 9.68 0.35 9.90

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Transmitter Radiated Emissions 3.2

3.2.1 **Transmitter Radiated Emissions Limit**

Transmitter Radiated Emissions Limit					
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	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
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.
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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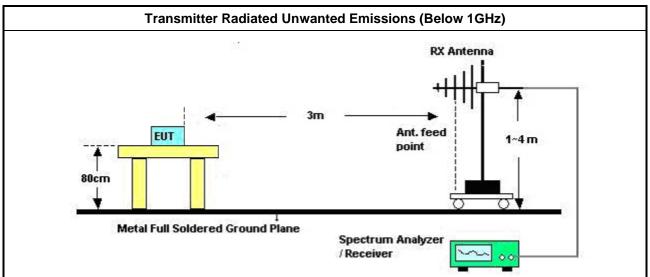
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3.2.4 Test Setup

Transmitter Radiated Emissions (Below 30MHz) RX Antenna Metal Full Soldered Ground Plane Spectrum Analyzer / Receiver

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



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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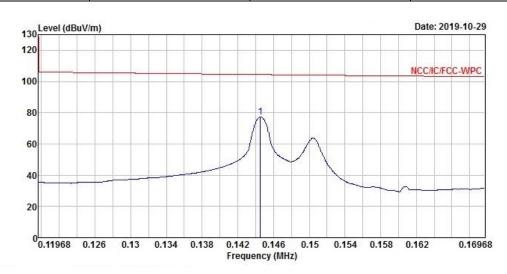
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3.2.5 Transmitter Radiated Emissions (Below 30MHz)

Transmitter Radiated Emissions(Fundamental emission)			
Modulation Mode	ASK	Test Freq. (kHz)	144
Operating Mode	1	Polarization	Н



	Freq	Level		Limit Line				A STATE OF THE PARTY OF THE PAR		A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	0	Cm	deg
1 @	0.144	77.29	-27.12	104.41	57.46	19.81	0.02	0.00	Peak	100	170

- 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.

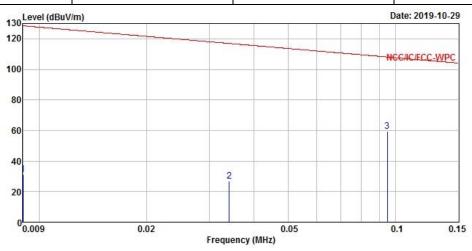
Note 6: The test result in peak detector is less than average limit, so that we tested in peak detector only.

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Transmitter Radiated Emissions (9 kHz – 150 kHz)									
Modulation Mode	ASK	144							
Operating Mode	1	Polarization	Н						



	Freq	Level				Antenna Factor				A/Pos	T/Pos
8	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-	cm	deg
1	0.01	31.13	-97.39	128.52	11.71	19.40	0.02	0.00	Peak	100	360
2	0.03	26.97	-89.97	116.94	6.62	20.34	0.01	0.00	Peak	100	360
3 @	0.09	59.66	-48.43	108.09	39.85	19.79	0.02	0.00	Peak	100	360

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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Transmitter Radiated Emissions (150 kHz – 30 MHz)

Modulation Mode ASK Test Freq. (kHz) 144

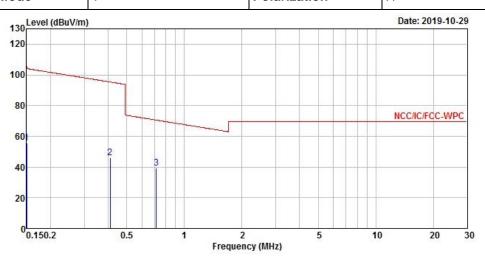
Operating Mode 1 Polarization H

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	Freq	Level		Limit Line						A/Pos	T/Pos
93	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9		deg
1	0.15	55.69	-48.40	104.09	35.85	19.83	0.01	0.00	Peak	100	0
2	0.41	46.23	-49.12	95.35	26.16	20.03	0.04	0.00	Peak	100	0
3 @	0.71	39.16	-31.40	70.56	19.09	19.98	0.09	0.00	Peak	100	0

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.

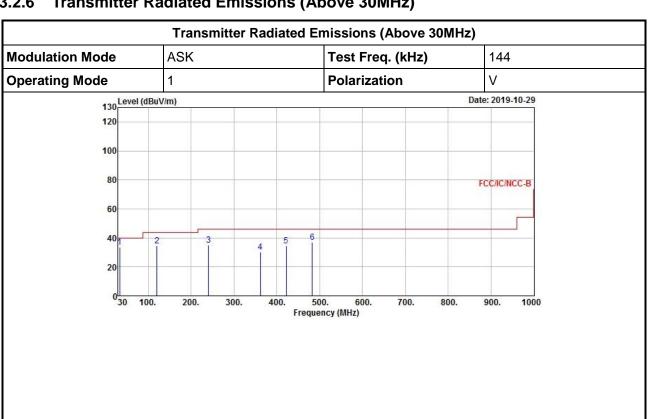
Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level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

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3.2.6 Transmitter Radiated Emissions (Above 30MHz)



	Freq	Level	Over Limit	Limit Line		Antenna Factor		Preamp Factor	Remark	A/Pos	T/Pos
900	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		Cm	deg
1 @	33.88	33.81	-6.19	40.00	41.84	21.56	0.97	30.56	Peak	100	0
2	120.21	34.70	-8.80	43.50	46.41	17.03	1.71	30.45	Peak	100	0
3	240.49	35.06	-10.94	46.00	46.76	16.49	2.12	30.31	Peak	100	0
4	361.74	30.39	-15.61	46.00	38.12	19.77	2.61	30.11	Peak	100	0
5	421.88	34.64	-11.36	46.00	40.00	21.79	2.85	30.00	Peak	100	0
6	482.99	36.94	-9.06	46.00	41.08	22.61	3.14	29.89	Peak	100	0

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.

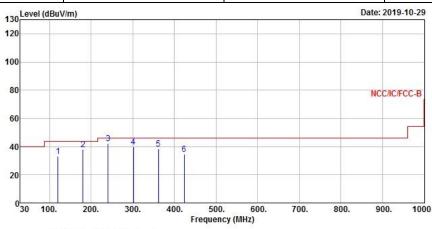
Note 5: Except fundamental emission, other emissions from digital circuitry used to control additional panel functions or display capabilities other than the touch panel radio transmission. While disable touch panel radio transmission, other emissions have the same levels. Therefore other emissions level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

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Transmitter Radiated Emissions (Above 30MHz)										
Modulation Mode ASK Test Freq. (kHz) 144										
Operating Mode	Operating Mode 1 Polarization H									



	Freq	Level	Over Limit			Antenna Factor		Die Lance of the Party of the P		A/Pos	T/Pos
	MHz	dBuV/m	dB	$\overline{dBuV/m}$	dBuV	dB/m	dB	dB	-	cm	deg
1	120.21	32.98	-10.52	43.50	44.69	17.03	1.71	30.45	Peak	100	0
2	180.35	37.95	-5.55	43.50	52.28	14.16	1.90	30.39	Peak	100	0
3 @	240.49	42.19	-3.81	46.00	53.89	16.49	2.12	30.31	Peak	100	0
4	301.60	40.00	-6.00	46.00	49.45	18.38	2.39	30.22	Peak	100	0
5	361.74	38.20	-7.80	46.00	45.93	19.77	2.61	30.11	Peak	100	0
6	423.82	34.30	-11.70	46.00	39.71	21.73	2.86	30.00	Peak	100	0

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

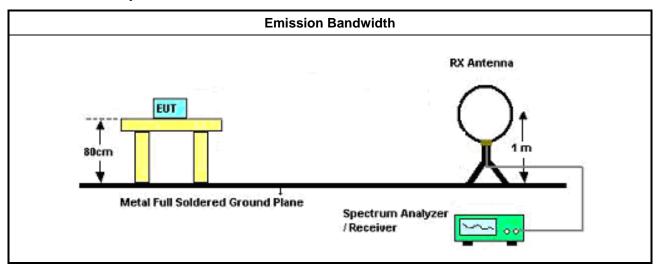
3.3.2 Measuring Instruments

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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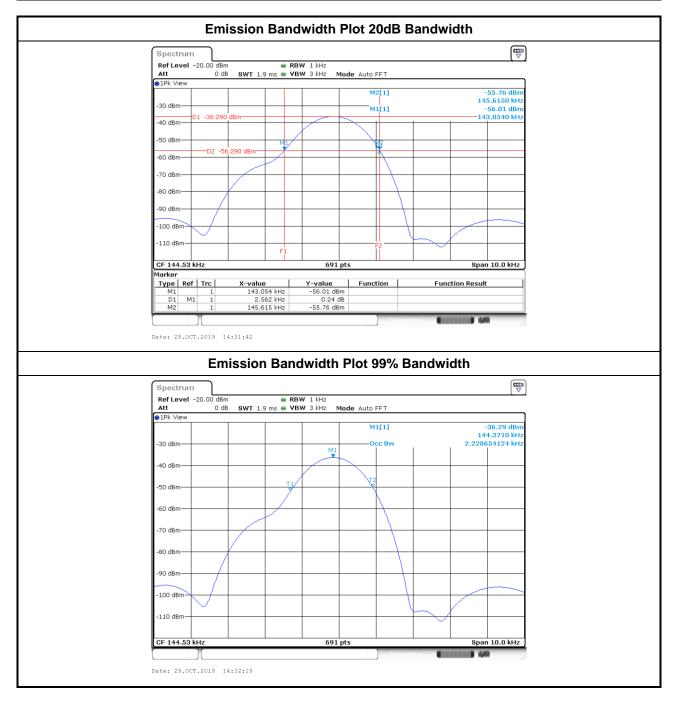
3.3.5 **Test Result of Emission Bandwidth**

	Occupied Channel Bandwidth Result										
Modulation Mode	Frequency (kHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)								
ASK	144	2.56	2.23								
Li	mit	N/A	N/A								
Re	sult	Com	plied								

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4 Test Equipment and Calibration Data

Instrument for AC Conduction

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Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	24/Sep/2019	23/Sep/2020

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	101013	9kHz~40GHz	13/Mar/2019	12/Mar/2020
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	15/Mar/2019	14/Mar/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	Riken	SAC-3M	03CH01-HY	30MHz ~ 1GHz 3m	11/Jan/2019	10/Jan/2020
PreAmplifier	COM-POWER	PA-103	161050	1 MHz ~ 1.0GHz	17/Jul/2019	16/Jul/2020
Spectrum Analyzer	R&S	FSV40	101407	10Hz ~ 40GHz	10/Sep/2019	09/Sep/2020
RF Cable-R03m	Jye Bao	RG142	CB019	9kHz ~ 1GHz	14/Dec/2018	13/Dec/2019
Bilog Antenna & 5db Attenuator	SCHAFFNER/MTJ	CBL6112D / MTJ6102-05	2678 / 001	30MHz ~ 2GHz	06/Jul/2019	05/Jul/2020
EMI Test Receiver	R&S	ESU-26	100422	20Hz ~ 26.5GHz	24/Oct/2019	23/Oct/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020

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