

Prüfbericht-Nr.: Test report no.:	CN22E46C(P15C-WPC) 001	Auftrags-Nr.: Order no.:	238541513	Seite 1 von 19 Page 1 of 19
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2022-03-29	
Auftraggeber: Client:	Anker Innovations Limited Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong			
Prüfgegenstand: Test item:	Anker 651 USB-C Dock (8-in-1, Wireless Charging)			
Bezeichnung / Typ-Nr.: Identification / Type no.:	A8391			
Auftrags-Inhalt: Order content:	FCC Part 15C Test report			
Prüfgrundlage: Test specification:	FCC 47CFR Part 15: Subpart C Section 15.207 and 15.209			
Wareneingangsdatum: Date of sample receipt:	2022-04-06			
Prüfmuster-Nr.: Test sample no:	A003239482-001 A003239482-009, 011			
Prüfzeitraum: Testing period:	2022-04-06 - 2022-05-19			
Ort der Prüfung: Place of testing:	EMC/RF Taipei Testing Site			
Prüflaboratorium: Testing laboratory:	Taipei Testing Laboratories			
Prüfergebnis*: Test result*:	Pass			
zusammengestellt von: compiled by:			genehmigt von: authorized by:	
Datum: Date:	2022-05-23		Ausstellungsdatum: Issue date:	2022-05-23
Stellung / Position:	Senior Project Manager		Stellung / Position:	Senior Project Manager
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
5 = mangelhaft N/T = nicht getestet				
5 = poor N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

V05

Prüfbericht - Nr.: CN22E46C(P15C-WPC) 001

Test Report No.

Seite 2 von 19

Page 2 of 19

TEST SUMMARY

Report Section	FCC Clause	Test Item	Result
5.1.1	15.203	Antenna Requirement	Pass
5.1.2	15.209	Radiated Spurious Emissions	Pass
5.2.1	15.207	Mains Conducted Emission	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

Contents

HISTORY OF THIS TEST REPORT	5
1. GENERAL REMARKS	6
1.1 COMPLEMENTARY MATERIALS.....	6
1.2 DECISION RULE OF CONFORMITY	6
2. TEST SITES	7
2.1 TEST LABORATORY	7
2.2 TEST FACILITY.....	7
2.3 TRACEABILITY	8
2.4 CALIBRATION	8
2.5 MEASUREMENT UNCERTAINTY	8
3. GENERAL PRODUCT INFORMATION.....	9
3.1 PRODUCT FUNCTION AND INTENDED USE	9
3.2 SYSTEM DETAILS AND RATINGS.....	9
3.3 NOISE GENERATING AND NOISE SUPPRESSING PARTS	10
3.4 SUBMITTED DOCUMENTS.....	10
4. TEST SET-UP AND OPERATION MODES.....	11
4.1 PRINCIPLE OF CONFIGURATION SELECTION	11
4.2 TEST OPERATION AND TEST SOFTWARE.....	11
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	12
4.4 TEST SETUP DIAGRAM	13
5. TEST RESULTS	14
5.1 TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1 Antenna Requirement	14
5.1.2 Radiated Spurious Emissions	15
5.2 MAINS EMISSIONS.....	18
5.2.1 Mains Conducted Emissions.....	18

Prüfbericht - Nr.: CN22E46C(P15C-WPC) 001
Test Report No.

Seite 4 von 19
Page 4 of 19

Appendix A - Test Result of Radiated Emissions & Mains Conducted Emission for Version 6

Appendix B- Test Result of Radiated Emissions for Version 7

Appendix SP - Photographs of Test Setup

Appendix EP – Photographs of EUT

Prüfbericht - Nr.: CN22E46C(P15C-WPC) 001
Test Report No.

Seite 5 von 19
Page 5 of 19

HISTORY OF THIS TEST REPORT

Report No.	Description	Date Issued
CN22E46C(P15C-WPC) 001	Original Release	2022-05-23

1. General Remarks

1.1 Complementary Materials

The following attachments are integral parts of this test report:

Appendix A - Test Result of Radiated Emissions & Mains Conducted Emission for Version 6

Appendix B- Test Result of Radiated Emissions for Version 7

Appendix SP - Photographs of Test Setup

Appendix EP – Photographs of EUT

Test Specifications

The following standards were applied.

Applied Standard and Test Levels

Radio
FCC 47CFR Part 15: Subpart C Section 15.207 and 15.209
ANSI C63.10:2013

1.2 Decision Rule of Conformity

The decision rule of conformity of this test report is following the requirements of the requested standard in the quotation, and agreed among testing laboratory and manufacturer (applicant) to exclude the consideration of Measurement Uncertainty, unless it is required by the specific standard.

2. Test Sites

2.1 Test Laboratory

Taipei Testing Laboratories

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.
Taipei City 105
Taiwan (R.O.C.)

2.2 Test Facility

Taipei Testing Laboratories

No.458-18, Sec. 2, Fenliao Rd., Linkou Dist.,
New Taipei City 244
Taiwan (R.O.C.)
FCC Registration No.: 226631
ISED Registration No.: 25563

2.3 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

All measurement uncertainty values are shown with a coverage factor of k=2 to indicate a 95% level of confidence.

Emission Measurement Uncertainty

Parameter	Uncertainty
Radiated Emission (9 kHz ~ 30 MHz)	± 1.15 dB
Radiated Emission (30 MHz ~ 200 MHz)	± 1.30 dB
Radiated Emission (200 MHz ~ 1 GHz)	± 1.30 dB
Mains Conducted Emission	± 1.65 dB

3. General Product Information

3.1 Product Function and Intended Use

The EUT is an Anker 651 USB-C Dock (8-in-1, Wireless Charging). It contains WPC compatible modules enabling the user to charge the battery through a wireless interface.

For details refer to the User Guide, Data Sheet and Circuit Diagram.

3.2 System Details and Ratings

Basic Information of EUT

Item	EUT information
Kind of Equipment/Test Item	Anker 651 USB-C Dock (8-in-1, Wireless Charging)
Type Identification	A8391
FCC ID	2AOKB-A8391

Technical Specification of EUT

Item	EUT information
Operating Frequency	111-205 kHz
Operation Voltage	120Vac
Modulation	FSK
Antenna Information	Refer to 5.1.1
Accessory Device	Refer to 4.3

3.3 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.4 Submitted Documents

- Circuit Diagram
- Instruction Manual
- Rating Label
- Technical Description

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum emission level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Setup for testing: Power on the EUT and put Load device on it. EUT will start providing wireless power. Power transmission and load status detection is done simultaneously using the fundamental frequency in the range of 111-205kHz.

Test Software	None
---------------	------

The samples were used as follows:

A003239482-001 for radiation

A003239482-009, 011 for mains conduction

Full test was applied on all test modes, but only worst case was shown.

EUT Configure Mode	Applicable To		Description
	Radiated Spurious Emissions	Mains Conducted Emission	
Version 6	√	√	Main test
Version 7	√	-	Pre-test

Note:

1. The version 7 has been evaluated in this test report, the changes are added test point, removed some resistor and inductance, the wireless part are electrically identical.
2. "-" means no effect.

Radiated Spurious Emissions

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (kHz)	Tested Frequency (kHz)
Version 6	111 to 205	128
Version 7	111 to 205	128

Mains Conducted Emission

- ☒ Pre-Scan full test was applied on all test modes, but only worst case was shown.
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (kHz)	Tested Frequency (kHz)
Version 6	111 to 205	128

Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Radiated Spurious Emissions	23.4-25.6 °C	52-59 %	Ray Huang
Mains Conducted Emission	20.8 °C	62 %	Wade Cheng

4.3 Special Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

Accessory of EUT

None.

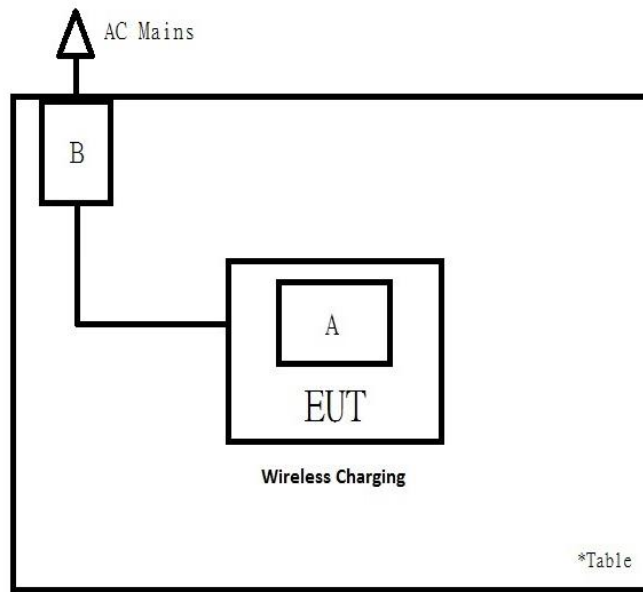
Support Unit

No.	Description	Brand	Model	S/N	Remark
Radiated Test					
A	Load	-	YY2841AS	-	-
B	Adapter	ANKER	S120UO2000500	-	180 cm non-shielded cable w/o core
Mains Conducted Test					
A	AC Power Cord (3-Pin)	-	-	-	1.18 m non-shielded cable w/o core
B	DC Power Cable	-	-	-	1.83 m non-shielded cable with core
C	USB-C Cable	-	-	-	0.44 m shielded cable w/o core
D	Display Cable	-	-	-	1.8 m shielded cable w/o core
E	HDMI Cable	-	-	-	1.8 m shielded cable w/o core
F	USB Cable	-	-	-	0.46 m shielded cable w/o core
G	Audio Cable	-	-	-	1.8 m non-shielded cable w/o core
H	USB-C Cable	-	-	-	1 m shielded cable w/o core
I	USB Mouse Cable	-	-	-	1.8 m shielded cable w/o core
J	USB Cable	-	-	-	0.6 m shielded cable w/o core
K	USB-C Cable	-	-	-	1 m shielded cable w/o core
L	USB Cable	-	-	-	0.3 m shielded cable w/o core

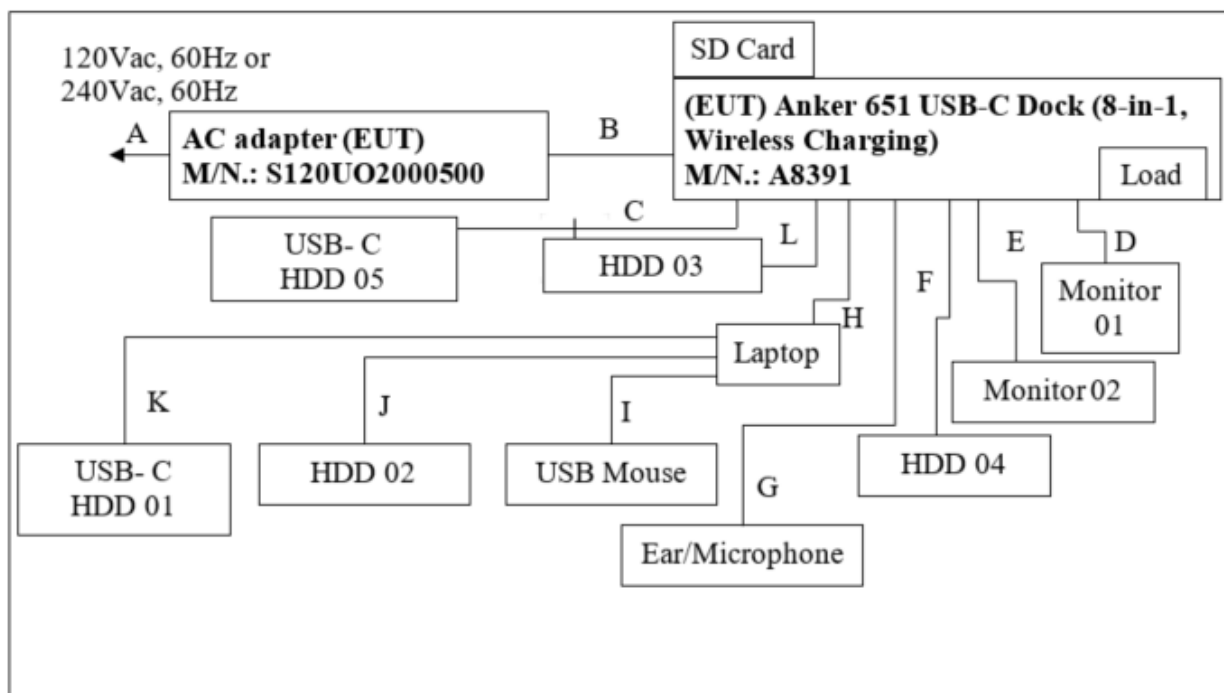
Note: No. C, E, F, H, L Cables are supplied entirely by the client.

4.4 Test Setup Diagram

<Radiated Spurious Emissions mode>



<Mains Conducted Emission mode>



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

Requirement Use of approved antennas only

The antenna is a loop antenna with no possibility of replacement with a non-approved antenna by the end-user. Therefore, the EUT is considered to comply with this provision.

Refer to EUT photo for details.

5.1.2 Radiated Spurious Emissions

Limit

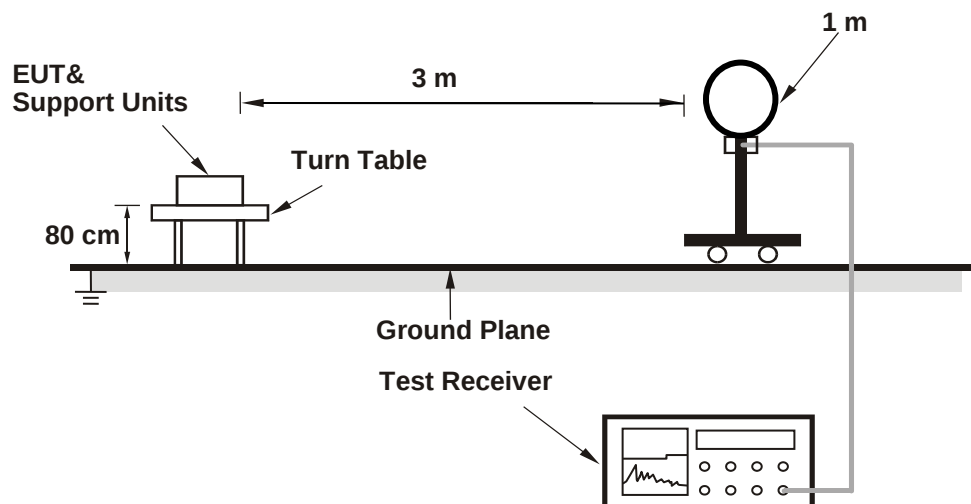
The field strength of any emissions shall not exceed the general radiated emission limits in §15.209 as below table:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

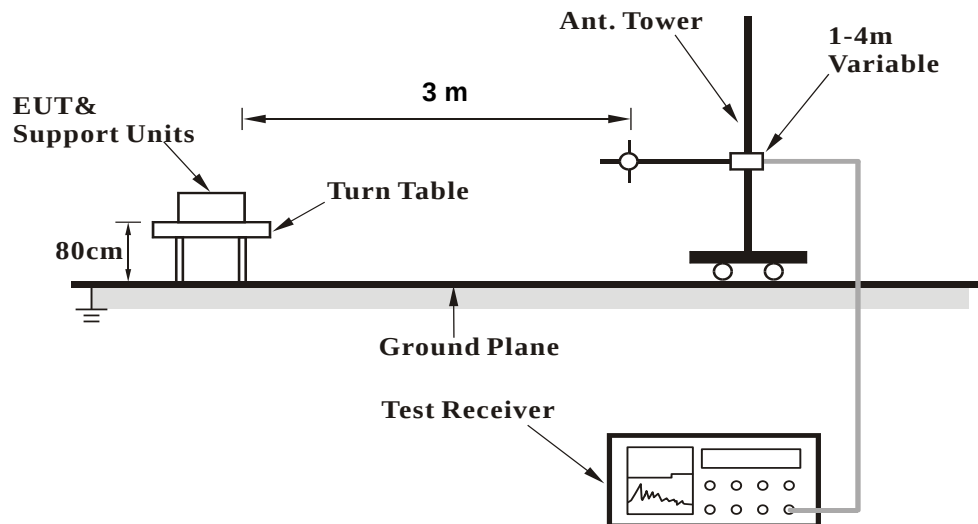
Kind of Test Site 3m Semi-Anechoic Chamber

Test Setup

<Radiated Emissions below 30 MHz>



<Radiated Emissions 30 MHz to 1 GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

Test Instruments

Test Date for Version 6: 2022/4/28

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Receiver	R&S	ESR7	1021	2022/2/25	2023/2/24
Loop Antenna	Schwarzbeck	FMZB 1513	1513-076	2021/12/23	2022/12/22

Test Date for Version 7: 2022/5/19

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Receiver	R&S	ESR7	1021	2022/2/25	2023/2/24
Loop Antenna	Schwarzbeck	FMZB 1513	1513-076	2021/12/23	2022/12/22

Test Procedures**For Radiated Emissions below 30 MHz**

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated Emissions above 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.
3. The Radiated Emissions testing was performed in the X(E1), Y(H) and Z(E2) axis orientation. The worst-case Axis orientation is recorded in this test report.

Test Results

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

Please refer to Appendix A.

5.2 Mains Emissions

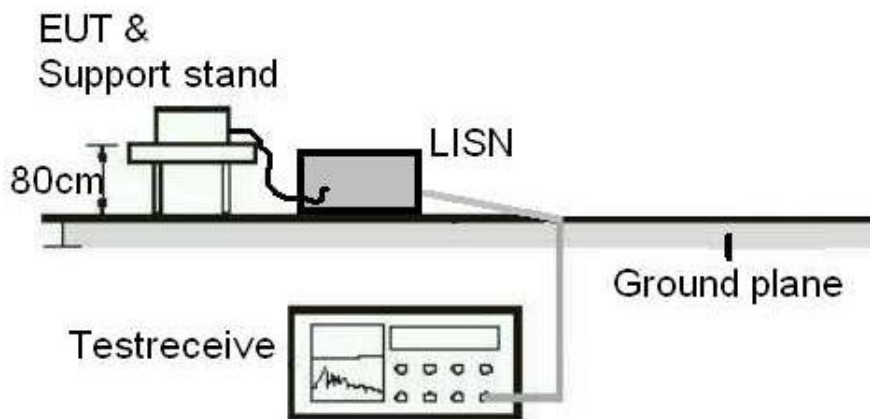
5.2.1 Mains Conducted Emissions

Limit

Mains Conducted emissions as defined in §15.207 must comply with the mains conducted emission limits.

Kind of Test Site Shielded room

Test Setup



Test Instruments

Test Date: 2022/4/6

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Two-Line V-Network	Rohde & Schwarz	ENV216	101938	2021/9/23	2022/9/22
EMI Test Receiver	R&S	ESCI	1816063	2021/11/15	2022/11/14

Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50 uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

Test Results

Please refer to Appendix A.

Appendix A: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test for Version 6

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

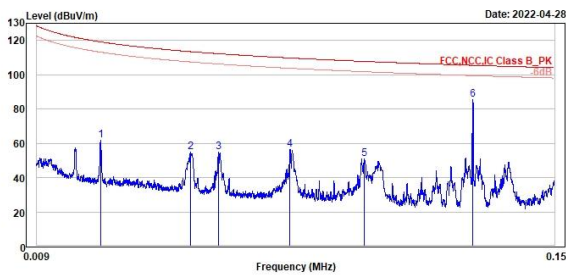
128kHz

(Open) 9kHz~150kHz

(Open) 150kHz~30MHz



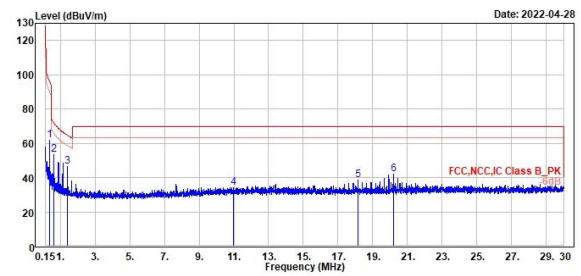
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Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.03	61.85	42.66	19.19	119.15	-57.30	100	72 QP	Open
2	0.05	54.63	35.34	19.29	113.46	-58.83	100	210 QP	Open
3	0.06	54.72	35.60	19.12	112.25	-57.53	100	216 QP	Open
4	0.08	56.34	37.65	18.69	109.75	-53.41	100	216 QP	Open
5	0.10	51.15	32.89	18.26	107.75	-56.60	100	219 QP	Open
6	0.13	85.48	67.16	18.32	105.47	-19.99	100	349 QP	Open



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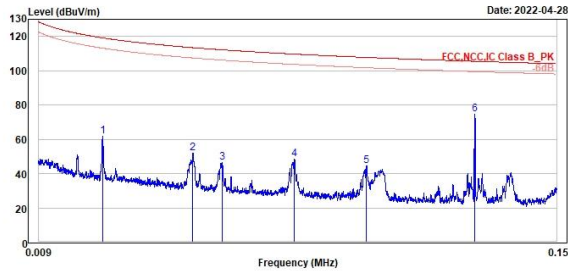
Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.38	61.71	42.76	18.95	95.94	-34.23	100	344 QP	Open
2	0.64	53.25	34.22	19.03	71.53	-18.28	100	354 QP	Open
3	1.40	46.46	27.13	19.33	64.66	-18.20	100	183 QP	Open
4	10.99	34.30	12.73	21.57	69.50	-35.20	100	1 QP	Open
5	18.14	38.65	16.58	22.07	69.50	-30.85	100	266 QP	Open
6	20.19	42.03	19.82	22.21	69.50	-27.47	100	279 QP	Open

128kHz

(Close) 9kHz~150kHz



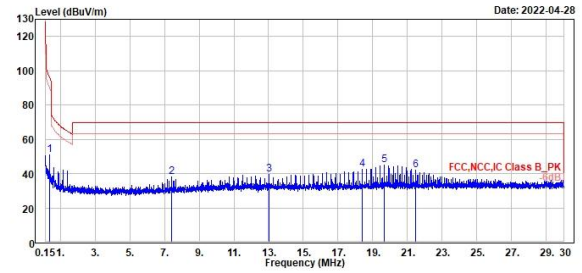
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	61.59	42.40	19.19	119.15	-57.56	100	264	QP	Close	
2	0.05	52.07	32.78	19.29	113.44	-61.37	100	239	QP	Close	
3	0.06	46.62	27.51	19.11	112.18	-65.56	100	270	QP	Close	
4	0.08	48.35	29.67	18.68	109.68	-61.33	100	270	QP	Close	
5	0.10	44.54	26.28	18.26	107.75	-63.21	100	169	QP	Close	
6	0.13	74.43	56.11	18.32	105.47	-31.04	100	274	QP	Close	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.38	51.07	32.12	18.95	95.94	-44.87	100	262	QP	Close	
2	7.41	37.90	17.55	20.35	69.50	-31.60	100	164	QP	Close	
3	13.03	39.40	17.69	21.71	69.50	-30.10	100	250	QP	Close	
4	18.40	42.52	20.44	22.08	69.50	-26.98	100	189	QP	Close	
5	19.67	44.84	22.66	22.18	69.50	-24.66	100	266	QP	Close	
6	21.46	41.77	19.51	22.26	69.50	-27.73	100	233	QP	Close	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

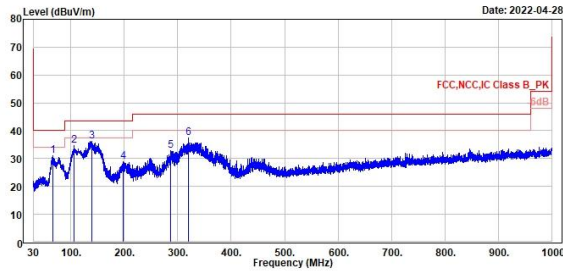
128kHz

(Horizontal)

(Vertical)



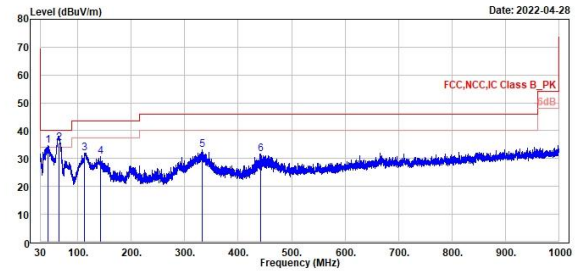
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	65.78	31.10	39.24	-8.14	40.00	-8.90	300	147	QP		Horizontal	
2	105.66	34.59	44.76	-10.17	43.50	-8.91	300	96	QP		Horizontal	
3	139.51	36.32	42.69	-6.37	43.50	-7.18	200	258	QP		Horizontal	
4	197.91	29.01	37.56	-8.55	43.50	-14.49	100	270	QP		Horizontal	
5	286.76	32.90	38.05	-5.15	46.00	-13.10	100	233	QP		Horizontal	
6	320.22	37.33	41.75	-4.42	46.00	-8.67	100	132	QP		Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	44.16	34.54	40.41	-5.87	40.00	-5.46	100	340	QP		Vertical	
2	64.34	35.60	43.40	-7.80	40.00	-4.40	100	294	QP		Vertical	
3	112.55	32.02	41.26	-9.24	43.50	-11.48	100	164	QP		Vertical	
4	142.42	30.68	36.94	-6.26	43.50	-12.82	300	176	QP		Vertical	
5	332.83	33.13	37.07	-3.94	46.00	-12.87	100	152	QP		Vertical	
6	442.44	31.64	33.96	-2.32	46.00	-14.36	100	164	QP		Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

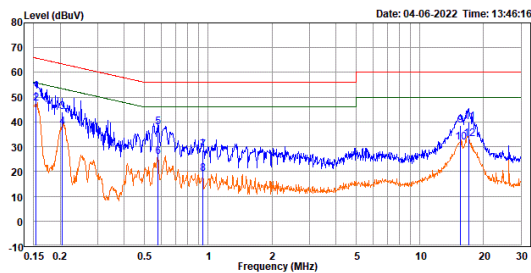
Worst Band

(Line)



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Standard : FCC Part15 Class B Test Site : Linkou (SR-A)
 Applicant : Primax Temp. & Humi. : 20.8°C / 62%
 Product : Wireless charging mini docking Test Engineer : Wade Cheng
 Model : A8391 Test Rating : 120Vac / 60Hz
 Test Mode : Pol. / Phase : line1
 Remark :



Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector (PK/QP/AV)
1	0.154	42.71	9.69	52.40	65.79	-13.39 QP
2	0.154	37.66	9.69	47.35	55.79	-8.44 Average
3	0.204	34.56	9.68	44.24	63.43	-19.19 QP
4	0.204	28.35	9.68	38.03	53.43	-15.40 Average
5	0.579	28.13	9.68	37.81	56.00	-18.19 QP
6	0.579	16.26	9.68	25.94	46.00	-20.06 Average
7	0.944	18.85	9.69	28.54	56.00	-27.46 QP
8	0.944	9.41	9.69	19.10	46.00	-26.90 Average
9	15.538	28.75	9.81	38.56	60.00	-21.44 QP
10	15.538	22.02	9.81	31.83	50.00	-18.17 Average
11	17.081	30.22	9.81	40.03	60.00	-19.97 QP
12	17.081	23.43	9.81	33.24	50.00	-16.76 Average

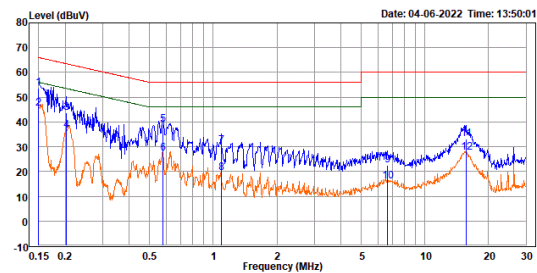
NOTE : (1) Factor = AMN or ANN + Pulse Limiter + Cable Loss
 (2) Emission Level = Read Level + Factor
 (3) Over Limit = Emission Level - Limit Line
 (4) Measurement Uncertainty : 2.10 dB (k=2)

(Neutral)



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Standard : FCC Part15 Class B Test Site : Linkou (SR-A)
 Applicant : Primax Temp. & Humi. : 20.8°C / 62%
 Product : Wireless charging mini docking Test Engineer : Wade Cheng
 Model : A8391 Test Rating : 120Vac / 60Hz
 Test Mode : Pol. / Phase : neutral
 Remark :



Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector (PK/QP/AV)
1	0.150	44.13	9.67	53.80	66.00	-12.20 QP
2	0.150	35.66	9.67	45.33	56.00	-10.67 Average
3	0.202	34.04	9.66	43.70	63.52	-19.82 QP
4	0.202	26.94	9.66	36.60	53.52	-16.92 Average
5	0.579	29.24	9.66	38.90	56.00	-17.10 QP
6	0.579	17.55	9.66	27.21	46.00	-18.79 Average
7	1.090	20.79	9.66	30.45	56.00	-25.55 QP
8	1.090	9.74	9.66	19.40	46.00	-26.60 Average
9	6.659	12.61	9.76	22.37	60.00	-37.63 QP
10	6.659	6.14	9.76	15.90	50.00	-34.10 Average
11	15.615	23.26	9.85	38.11	60.00	-26.89 QP
12	15.615	17.83	9.85	27.68	50.00	-22.32 Average

NOTE : (1) Factor = AMN or ANN + Pulse Limiter + Cable Loss
 (2) Emission Level = Read Level + Factor
 (3) Over Limit = Emission Level - Limit Line
 (4) Measurement Uncertainty : 2.10 dB (k=2)

Appendix B: Test Results of Radiated Spurious Emissions for Version 7

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

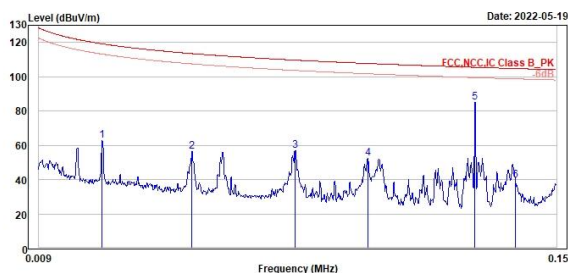
128kHz

(Open) 9kHz~150kHz

(Open) 150kHz~30MHz



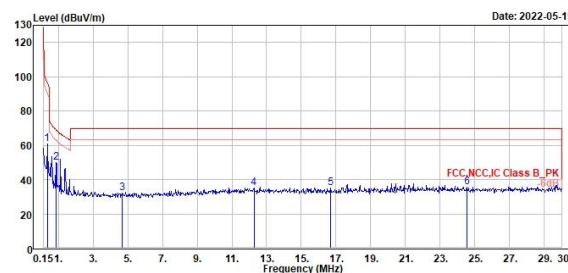
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	62.89	43.71	19.18	119.18	-56.29	100	112	Q°	Open		
2	0.05	56.54	37.25	19.29	113.49	-56.95	100	212	Q°	Open		
3	0.08	56.94	38.26	18.68	109.67	-52.73	100	211	Q°	Open		
4	0.10	52.22	33.97	18.25	107.72	-55.50	100	216	Q°	Open		
5	0.13	85.18	66.86	18.32	105.47	-20.29	100	346	Q°	Open		
6	0.14	39.32	20.96	18.36	104.75	-65.43	100	238	Q°	Open		



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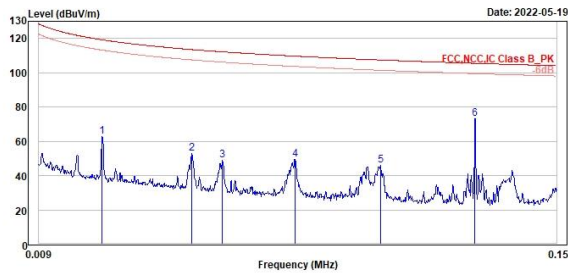
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.36	60.86	41.91	18.95	96.50	-35.64	100	2	Q°	Open		
2	0.87	50.01	30.82	19.19	68.85	-18.84	100	7	Q°	Open		
3	4.66	32.36	12.97	19.39	69.50	-37.14	100	153	Q°	Open		
4	12.27	34.87	13.21	21.66	69.50	-34.63	100	270	Q°	Open		
5	16.69	34.97	13.00	21.97	69.50	-34.53	100	161	Q°	Open		
6	24.54	35.55	13.14	22.41	69.50	-33.95	100	337	Q°	Open		

128kHz

(Close) 9kHz~150kHz



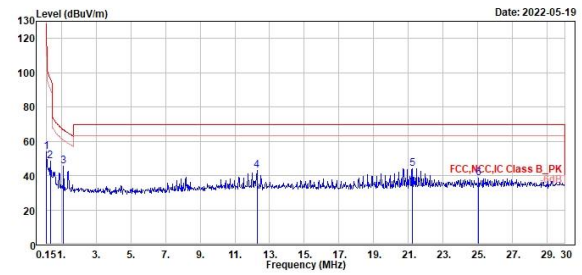
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	62.94	43.76	19.18	119.18	-56.24	100	122	QP	Close	
2	0.05	52.99	33.70	19.29	113.49	-60.50	100	237	QP	Close	
3	0.06	48.80	29.69	19.11	112.17	-63.37	100	279	QP	Close	
4	0.08	49.67	30.99	18.68	109.67	-60.00	100	154	QP	Close	
5	0.10	46.04	27.81	18.23	107.41	-61.37	100	251	QP	Close	
6	0.13	72.91	54.59	18.32	105.47	-32.56	100	271	QP	Close	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.15	53.87	35.47	18.40	104.80	-50.21	100	257	QP	Close	
2	0.36	48.54	29.59	18.95	96.50	-47.96	100	73	QP	Close	
3	1.14	45.39	26.10	19.29	66.50	-21.11	100	275	QP	Close	
4	12.27	42.94	21.28	21.66	69.50	-26.56	100	214	QP	Close	
5	21.22	44.17	21.91	22.26	69.50	-25.33	100	217	QP	Close	
6	25.04	38.31	15.88	22.43	69.50	-31.19	100	225	QP	Close	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

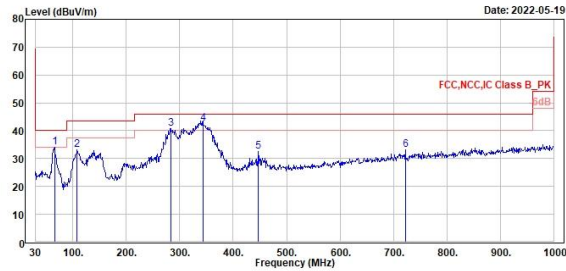
128kHz

(Horizontal)

(Vertical)



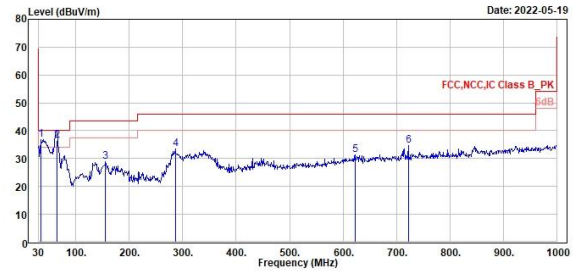
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	65.89	34.16	42.35	-8.19	40.00	-5.84	400	155	QP	Horizontal		
2	187.60	33.29	43.16	-9.87	43.50	-10.21	300	148	QP	Horizontal		
3	283.17	40.84	46.09	-5.25	46.00	-5.16	100	236	QP	Horizontal		
4	343.31	42.60	46.56	-3.96	46.00	-3.40	100	72	QP	Horizontal		
5	447.10	32.47	34.79	-2.32	46.00	-13.53	200	130	QP	Horizontal		
6	722.58	33.28	31.52	1.76	46.00	-12.72	200	180	QP	Horizontal		



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	34.85	36.90	43.04	-7.04	40.00	-3.10	100	56	QP	Vertical		
2	64.92	36.42	44.33	-7.91	40.00	-3.58	100	264	QP	Vertical		
3	155.13	28.77	34.86	-6.09	43.50	-14.73	100	168	QP	Vertical		
4	286.08	33.36	38.53	-5.17	46.00	-12.64	200	277	QP	Vertical		
5	622.67	31.18	30.52	0.66	46.00	-14.82	100	152	QP	Vertical		
6	722.58	34.78	33.02	1.76	46.00	-11.22	100	10	QP	Vertical		