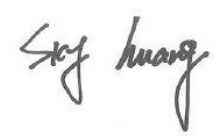




Prüfbericht – Produkte
Test Report - Products

Prüfbericht-Nr.: Test report no.:	CN21I470 001	Auftrags-Nr.: Order no.:	238517543 (P00338802)	Seite 1 von 26 Page 1 of 26	
Kunden-Referenz-Nr.: Client reference no.:	238517543	Auftragsdatum: Order date:	30 June 2021		
Auftraggeber: Client:	AGUILA CONVERGENCE WORLDWIDE, INC. 1581 S. Perry road, Plainfield, Indiana, USA				
Prüfgegenstand: Test item:	Secure Dongle, OOB Dongle				
Bezeichnung / Typ-Nr.: Identification / Type no.:	Main Model : NCT8610 Serier Model : NCT9610				
Auftrags-Inhalt: Order content:	TUV Rheinland - EMC service				
Prüfgrundlage: Test specification:	FCC 47 CFR Part 15, Subpart B :2019				
Wareneingangsdatum: Date of sample receipt:	7 Jul. 2021				
Prüfmuster-Nr.: Test sample no.:	A003086990				
Prüfzeitraum: Testing period:	17 Aug. 2021 - 23 Aug. 2021				
Ort der Prüfung: Place of testing:	458-19, Sec..2, Fenliao Rd., Linkou Dist, New Taipei City 244, Taiwan				
Prüflaboratorium: Testing laboratory:	Taoyuan Testing Laboratories				
Prüfergebnis*: Test result*:	Pass				
geprüft von / tested by:		kontrolliert von / reviewed by:			
 27 Aug. 2021 Sky Huang / Project Engineer		 30 Aug. 2021 Spring C. Y. Wang/ Department Manager			
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
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 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht		* Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test F(ail) = failed a.m. test specification(s) N/A = not applicable 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. <i>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.</i>					

V05

TUV Rheinland Taiwan Ltd. 11F., No. 758, Sec. 4, Bade Rd., Taipei 105, Taiwan, R.O.C.

Mail: service-gc@tuv.com · Web: www.tuv.com

Prüfbericht - Nr.: CN21I470 001

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TEST SUMMARY

Report Section	Basic Standard	Test Item	Result
5.1.1	15.107	AC Power Line Conducted Emissions	Pass
5.1.2	15.109	Radiated Emissions up to 1 GHz	Pass
5.1.2	15.109	Radiated Emissions above 1 GHz	Pass

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

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APPENDIX EP - PHOTOGRAPHS OF EUT

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HISTORY OF THIS TEST REPORT

Report No.	Description	Date Issued
CN21I470 001	Original Release	2021-08-30

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:
Appendix EP - Photographs of EUT

Applied Standard and Test Levels

Standards
FCC 47 CFR Part 15, Subpart B, Class B
ANSI C63.4:2014

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.

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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 & 19, Sec. 2, Fenliao Rd., Linkou Dist.,
New Taipei City 244
Taiwan (R.O.C.)

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
Conducted Emission(LISN)(9kHz - 30MHz)	2.69 dB
Radiated Emission (30 MHz ~ 1 GHz)	2.60 dB
Radiated Emission (Above 1 GHz)	3.08 dB

3. General Product Information

3.1 Product Function and Intended Use

The tested sample is "Secure Dongle, OOB Dongle" connect to computer and other information technology equipment via USB interface and transmit data through LTE or low-power Bluetooth technology.

Model differences: Only the appearance color, logo color and packaging are different, but there is no difference in the essential circuit design and structure.

Series model: NCT9610.

3.2 Rating and Physical Characteristics

Model: NCT8610
Product Input Voltage: 5Vdc for EUT
120Vac/60Hz for Notebook

3.3 Primary Clock Frequencies of Internal Source

The highest frequency generated or used within the EUT or on which the EUT operates or tunes is 2400 MHz, provided by BT, for detailed internal source, please refer to the manufacturer's specifications.

3.4 Noise Suppression Parts

Please refer to Attachment Photo Documentation for details.

3.5 Submitted Documents

- 1) User Manual
- 2) Circuit Diagram
- 3) Rating Label.

4. Test Set-up and Operation Modes

4.1 Test Operation and Test Software

EMC Operation Descriptions.

1. The EUT was powered by USB port of PC/NB .
2. The Bluetooth function of the peripheral mobile phone and the nfr Connect APP, search for the name of the EUT Bluetooth device and connect.
3. Measured objects automatically search LTE network and connect to analog base station (MT8821C)

The final mode as following configurations:

The EUT has been pre-tested in accordance with the following test plan, and test mode 1 was the worst case for final test.

Mode	Test Condition
Emission Pretest	
1	LTE Cat-M1 B2 Idle +BT Idle + USB Cable(Worst)
2	LTE NB-IoT B5 Idle + BT Idle

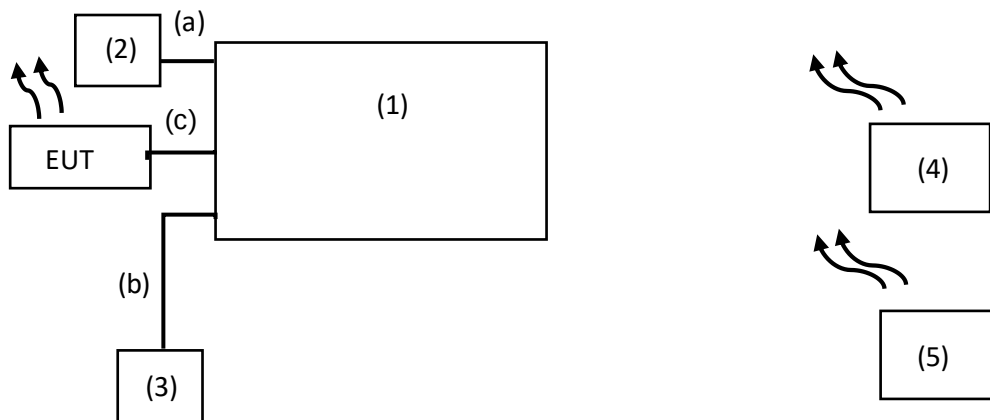
Test final mode are presented in the report as below.

Mode	Test Condition
Emission Final tests	
1	LTE Cat-M1 B2 Idle +BT Idle + USB Cable

Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Conducted Emission (AC Mains)	24°C	65 %	Sky Huang
Radiated Emission	20.1 ~ 24.1°C	60 ~ 65 %	Sky Huang

4.2 Test Setup Diagram



4.3 Special Accessories and Auxiliary Equipment

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

Support Unit

Support Unit					
No.	Description	Brand	Model	S/N	Remark
1	Notebook	ASUS	E200H	G2NLCX01V56207C	
2	Adaptor	ASUS	ADP-33AW	15494 00EJ6	For NB
3	Mouse	DELL	MS116t1	cn-0PRDV9-L0300-95H-0N0Z	
4	Radio Communication ANALYER	ANRITSU	MT8821C	6262044753	
5	smart phone	MI	MI 8 Lite	2bd2a5ca	

Interface Cable					
No.	Description	Shielded Type	Ferrite Core (Qty)	Length (cm)	Remark
a	Adaptor Cable	No	0	240	
b	Mouse Cable	No	0	200	
c	USB Cble	YES	0	10	

5. Test Results

5.1 Emission Test

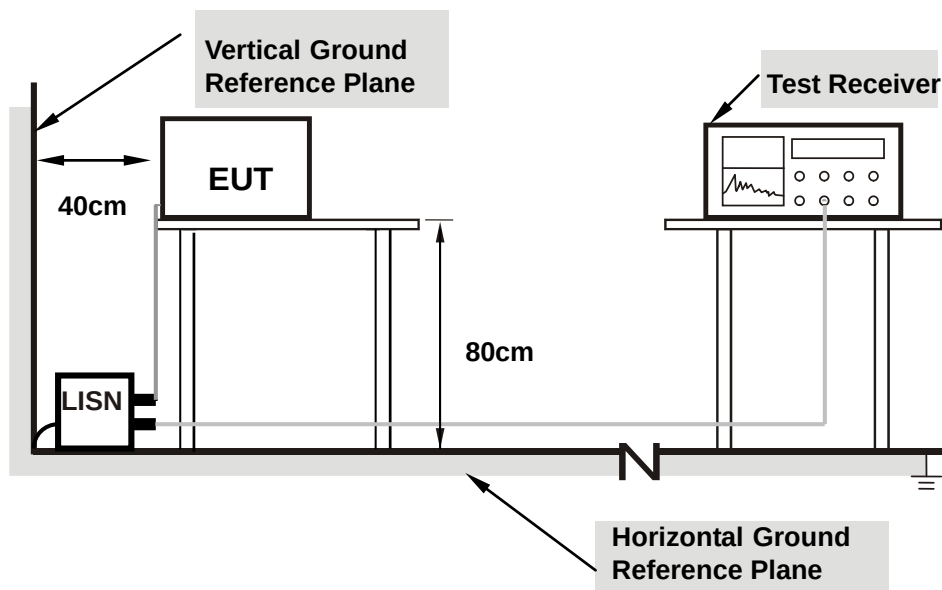
5.1.1 Conducted Emission (AC Mains)

Limit

Frequency (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

Notes: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

Test Setup



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

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

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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 an Artificial Mains Network (AMN). Other support units were connected to the power mains through another AMN. The two AMNs 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 test results of conducted emissions at mains ports are recorded of six worst margins for quasi-peak (mandatory) [and average (if necessary)] values against the limits at frequencies of interest unless the margin is 20 dB or greater.

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 Instruments (LinKou: Shield Room)

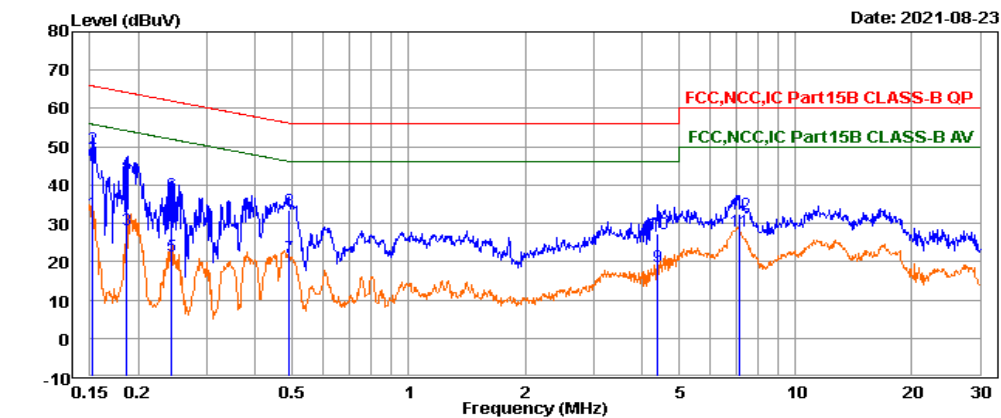
Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI 3	101094	2020/11/17	2021/11/17
Two-Line V-Network (for EUT)	Rohde & Schwarz	ENV216	101938	2020/09/10	2021/09/10
Two-Line V-Network	Schwarzbeck	NSLK 8127	8127-00975	2020/10/29	2021/10/29
Test Software	Audix	e3	Ver. 9	N/A	N/A

Test Result

Table 1 Results Conducted Emission 0.15 - 30 MHz (Mode 1)(Line)



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No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Trace: 1

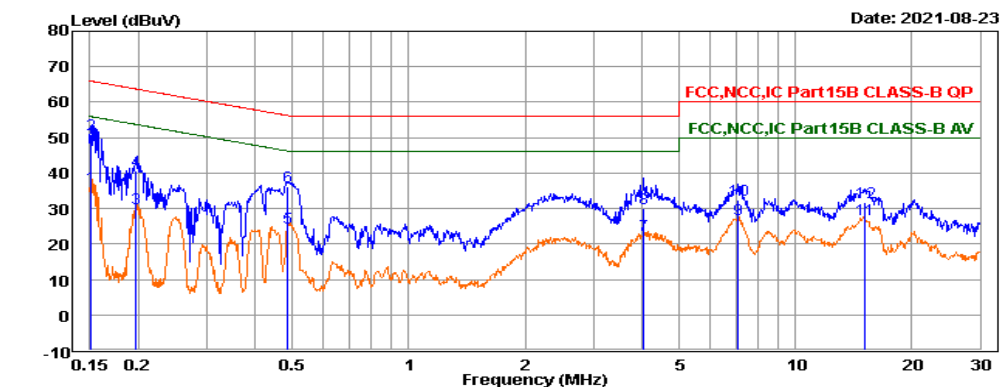
	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	32.90	23.24	9.66	55.92	-23.02	Average	line1	
2	0.15	49.58	39.92	9.66	65.92	-16.34	QP	line1	
3	0.19	28.33	18.68	9.65	54.22	-25.89	Average	line1	
4	0.19	43.49	33.84	9.65	64.22	-20.73	QP	line1	
5	0.24	21.48	11.83	9.65	51.98	-30.50	Average	line1	
6	0.24	37.42	27.77	9.65	61.98	-24.56	QP	line1	
7	0.49	21.05	11.40	9.65	46.19	-25.14	Average	line1	
8	0.49	33.29	23.64	9.65	56.19	-22.90	QP	line1	
9	4.40	18.69	8.98	9.71	46.00	-27.31	Average	line1	
10	4.40	27.16	17.45	9.71	56.00	-28.84	QP	line1	
11	7.14	28.05	18.31	9.74	50.00	-21.95	Average	line1	
12	7.14	32.49	22.75	9.74	60.00	-27.51	QP	line1	

Note: Level = Reading + Factor
Margin = Level – Limit

Table 2 Results Conducted Emission 0.15 - 30 MHz (Mode 1)(Neutral)



TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Trace: 1

	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	36.29	26.61	9.68	55.96	-19.67	Average	neutral	
2	0.15	50.77	41.09	9.68	65.96	-15.19	QP	neutral	
3	0.20	30.04	20.37	9.67	53.72	-23.68	Average	neutral	
4	0.20	40.54	30.87	9.67	63.72	-23.18	QP	neutral	
5	0.48	24.49	14.83	9.66	46.27	-21.78	Average	neutral	
6	0.48	36.19	26.53	9.66	56.27	-20.08	QP	neutral	
7	4.05	22.48	12.77	9.71	46.00	-23.52	Average	neutral	
8	4.05	30.12	20.41	9.71	56.00	-25.88	QP	neutral	
9	7.07	26.87	17.11	9.76	50.00	-23.13	Average	neutral	
10	7.07	32.59	22.83	9.76	60.00	-27.41	QP	neutral	
11	15.08	27.03	17.21	9.82	50.00	-22.97	Average	neutral	
12	15.08	31.86	22.04	9.82	60.00	-28.14	QP	neutral	

Note: Level = Reading + Factor
Margin = Level – Limit

5.1.2 Radiated Emission (up to 1 GHz)

Limit

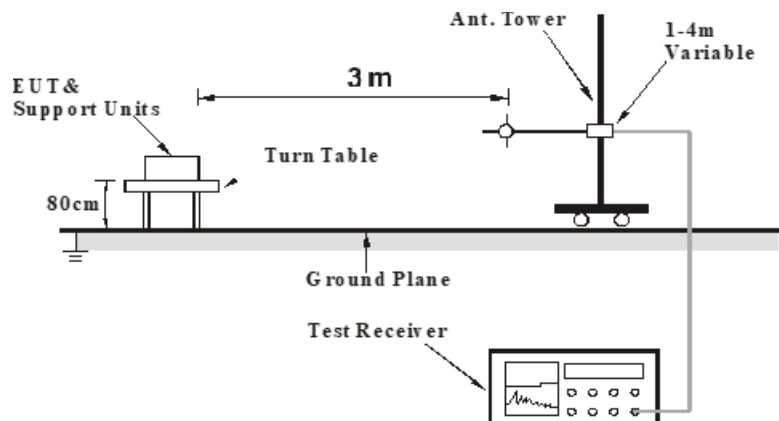
Radiated Emissions Limits at 10 meters		
Frequency (MHz)	Class A	Class B
	$\text{dB}\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 - 88	39	29.5
88 - 216	43.5	33.1
216 - 960	46.4	35.6
Above 960	49.5	43.5

Radiated Emissions Limits at 3 meters		
Frequency (MHz)	Class A	Class B
	$\text{dB}\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 - 88	49.5	40
88 - 216	54	43.5
216 - 960	56.9	46
960 - 1000	60	54

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level ($\text{dB}\mu\text{V/m}$) = $20 \log$ Emission level ($\mu\text{V/m}$).
3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

Test Setup



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

Test Procedures

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at test facility. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 10 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 calculation formula is explained as follows:
Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

Note: 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.

Test Instruments

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Test Receiver	Rohde & Schwarz	ESR7	102108	2021/04/14	2022/04/14
Spectrum Analyzer	Rohde & Schwarz	FSV-40	101508	2021/03/16	2022/03/16
Pre-Amplifier	Agilent	8447D	2944A10772	2021/02/18	2022/02/18
Pre-Amplifier	EMCI	EMC051845SE	980633	2021/02/09	2022/02/09
Bilog Antenna	SCHWARZBECK	VULB-9168	00951	2021/02/19	2022/02/19
Horn Antenna	ETS-Lindgren	3117	00218930	2020/12/01	2021/12/01
Loop Antenna	Electro-Metrics	EMCI LPA600	287	2021/01/15	2022/01/15
Test Software	Audix	e3	Ver. 9	N/A	N/A

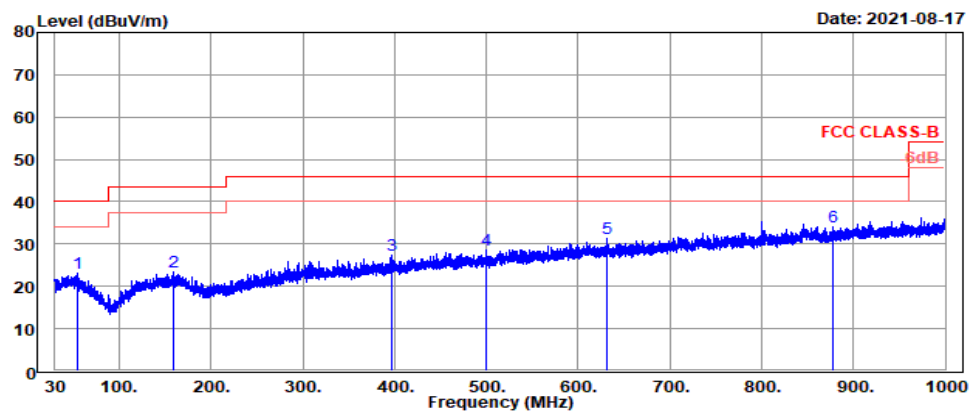
Test Result

Table 3 Results Enclosure Radiated Emission 30.0 – 1000 MHz (Mode 1)

Horizontal



TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over			
	MHz	dBuV/m	Level	Line	Limit	Remark	Pol/Phase	Note
			dBuV	dBuV/m	dB			
1	53.96	22.99	29.28	40.00	-17.01	QP	Horizontal	
2	159.01	23.28	29.06	43.50	-20.22	QP	Horizontal	
3	396.95	27.45	30.34	46.00	-18.55	QP	Horizontal	
4	499.38	28.53	30.21	46.00	-17.47	QP	Horizontal	
5	631.40	31.45	30.70	46.00	-14.55	QP	Horizontal	
6	877.78	34.18	29.75	46.00	-11.82	QP	Horizontal	

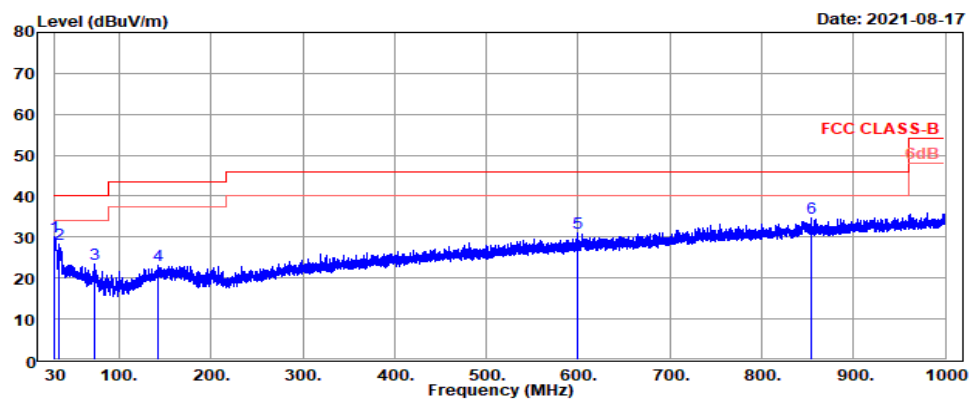
Note: Level = Read Level + Factor
Over Limit = Level – Limit Line

Table 4 Results Enclosure Radiated Emission 30.0 – 1000 MHz (Mode 1)

Vertical



TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



	Freq	Level	Read	Limit	Over			
	MHz	dBuV/m	Level	Line	Limit	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB		
1	30.00	30.16	37.54	-7.38	40.00	-9.84 QP	Vertical	
2	34.95	28.41	35.38	-6.97	40.00	-11.59 QP	Vertical	
3	72.39	23.32	32.21	-8.89	40.00	-16.68 QP	Vertical	
4	141.74	22.98	28.94	-5.96	43.50	-20.52 QP	Vertical	
5	598.61	30.99	30.69	0.30	46.00	-15.01 QP	Vertical	
6	854.79	34.75	30.60	4.15	46.00	-11.25 QP	Vertical	

Note: Level = Read Level + Factor
Over Limit = Level – Limit Line

5.1.3 Radiated Emission (above 1 GHz)

Limit

Radiated Emissions Limits at 10 meters (dB μ V/m)				
Frequency (MHz)	Class A		Class B	
	Average	Peak	Average	Peak
1000 - 3000	49.5	69.5	43.5	63.5
Above 3000	49.5	69.5	43.5	63.5

Radiated Emissions Limits at 3 meters (dB μ V/m)				
Frequency (MHz)	Class A		Class B	
	Average	Peak	Average	Peak
1000 - 3000	60	80	54	74
Above 3000	60	80	54	74

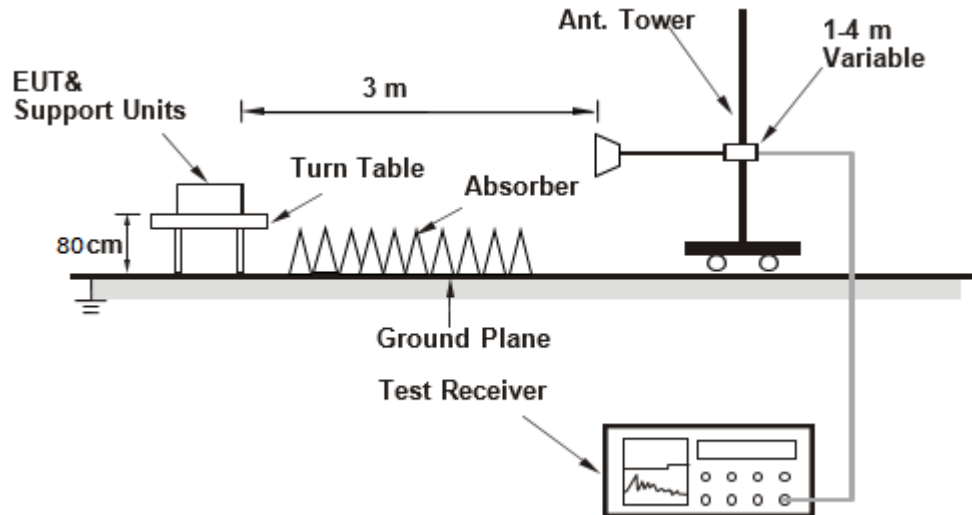
Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dB μ V/m) = 20 log Emission level (μ V/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.
4. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

Frequency Range of Radiated Measurement (For unintentional radiators)

Highest frequency generated or used in the EUT or on which the EUT operates or tunes (MHz)	Upper frequency of measurement range (GHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

Test Setup



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

Test Procedures

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at test facility. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- For frequency range 1 GHz ~ 18 GHz, the EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna can be varied from one meter to four meters, the height of adjustment depends on the EUT height and the antenna 3 dB beamwidth both, to detect the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The spectrum analyzer system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- The calculation formula is explained as follows:

$$\text{Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)}$$

$$\text{Level (dBuV/m)} = \text{Reading (dBuV)} + \text{Factor (dB/m)}$$

Note: The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz for Average detection (AV) at frequency above 1 GHz.

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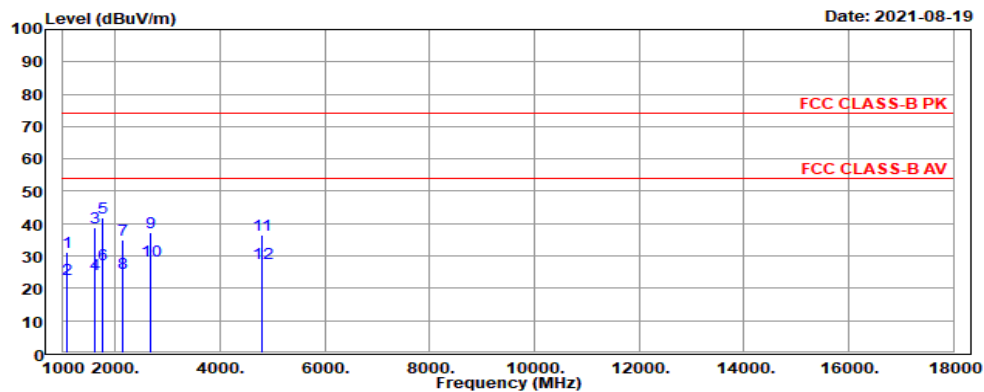
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Test Instruments

Kind of Equipment	Manufacturer	Type	S/N	Calibration Date	Calibration Due Date
Test Receiver	Rohde & Schwarz	ESR7	102108	2021/04/14	2022/04/14
Spectrum Analyzer	Rohde & Schwarz	FSV-40	101508	2021/03/16	2022/03/16
Pre-Amplifier	Agilent	8447D	2944A10772	2021/02/18	2022/02/18
Pre-Amplifier	EMCI	EMC051845SE	980633	2021/02/09	2022/02/09
Bilog Antenna	SCHWARZBECK	VULB-9168	00951	2021/02/19	2022/02/19
Horn Antenna	ETS-Lindgren	3117	00218930	2020/12/01	2021/12/01
Loop Antenna	Electro-Metrics	EMCI LPA600	287	2021/01/15	2022/01/15
Test Software	Audix	e3	Ver. 9	N/A	N/A

Test Result
Table 5 Results Enclosure Radiated Emission 1000.0 – 18000 MHz (Mode 1)
Horizontal


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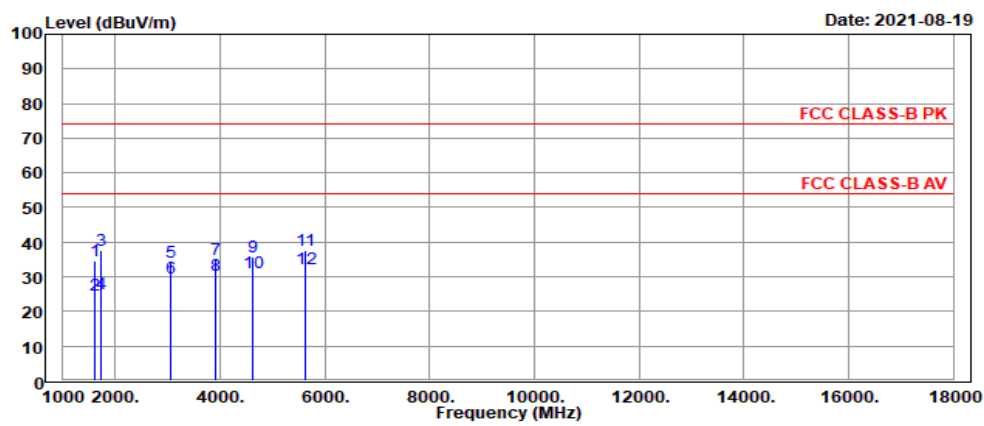


	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level		Line	Limit			
			dBuV	dB/m	dBuV/m	dB			
1	1066.11	31.07	52.59	-21.52	74.00	-42.93	Peak	Horizontal	
2	1066.11	22.69	44.21	-21.52	54.00	-31.31	Average	Horizontal	
3	1599.72	38.78	58.99	-20.21	74.00	-35.22	Peak	Horizontal	
4	1599.72	24.36	44.57	-20.21	54.00	-29.64	Average	Horizontal	
5	1756.50	41.65	60.38	-18.73	74.00	-32.35	Peak	Horizontal	
6	1756.50	27.25	45.98	-18.73	54.00	-26.75	Average	Horizontal	
7	2133.33	34.92	51.66	-16.74	74.00	-39.08	Peak	Horizontal	
8	2133.33	24.78	41.52	-16.74	54.00	-29.22	Average	Horizontal	
9	2666.00	37.28	52.85	-15.57	74.00	-36.72	Peak	Horizontal	
10	2666.00	28.63	44.20	-15.57	54.00	-25.37	Average	Horizontal	
11	4800.44	36.45	49.14	-12.69	74.00	-37.55	Peak	Horizontal	
12	4800.44	27.88	40.57	-12.69	54.00	-26.12	Average	Horizontal	

Note: Level = Read Level + Factor
 Over Limit = Level – Limit Line

Table 6 Results Enclosure Radiated Emission 1000.0 – 18000 MHz (Mode 1)
Vertical


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	Freq	Level	Read	Factor	Limit	Over	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level		Line	Limit			
			dBuV	dB/m	dBuV/m	dB			
1	1599.72	34.52	54.73	-20.21	74.00	-39.48	Peak	Vertical	
2	1599.72	24.52	44.73	-20.21	54.00	-29.48	Average	Vertical	
3	1732.89	37.74	56.62	-18.88	74.00	-36.26	Peak	Vertical	
4	1732.89	25.19	44.07	-18.88	54.00	-28.81	Average	Vertical	
5	3058.89	34.33	48.32	-13.99	74.00	-39.67	Peak	Vertical	
6	3058.89	29.83	43.82	-13.99	54.00	-24.17	Average	Vertical	
7	3918.33	34.96	48.57	-13.61	74.00	-39.04	Peak	Vertical	
8	3918.33	30.25	43.86	-13.61	54.00	-23.75	Average	Vertical	
9	4631.39	35.74	48.39	-12.65	74.00	-38.26	Peak	Vertical	
10	4631.39	31.36	44.01	-12.65	54.00	-22.64	Average	Vertical	
11	5617.39	37.82	49.59	-11.77	74.00	-36.18	Peak	Vertical	
12	5617.39	32.45	44.22	-11.77	74.00	-41.55	Peak	Vertical	

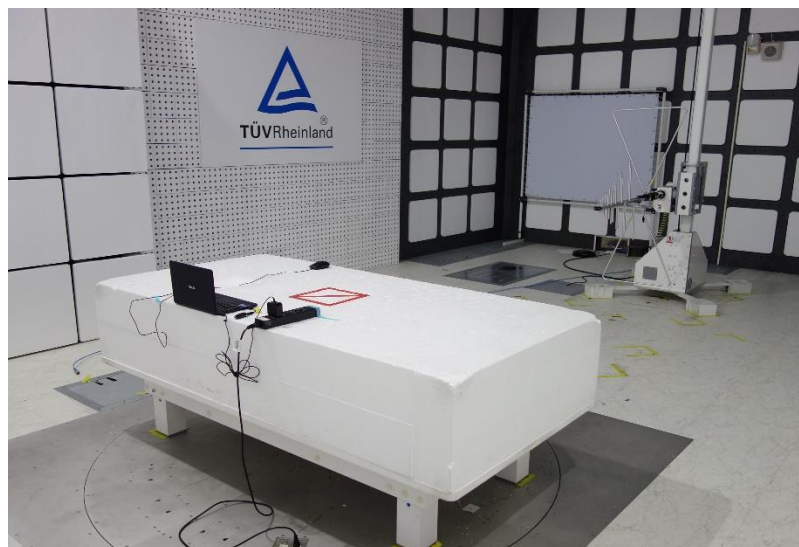
Note: Level = Read Level + Factor
 Over Limit = Level – Limit Line

6. Photographs of Test Setup

Photograph 1: Set-up for Conducted Emission (AC Mains)



Photograph 2: Set-up for Radiated Emission (up to 1 GHz)



Photograph 3: Set-up for Radiated Emission (above 1 GHz)

