TEST REPORT



CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea Tel: +82-31-339-9970

Fax: +82-31-624-9501

Report No.: CTK-2021-01663 Page (1) / (24) Pages

1. Client

• Name: D&T Inc.

• Address: 26-121, Gajeongbuk-ro, Yuseong-gu, Daejeon, 34113, Korea

Date of Receipt: 2021-04-21

2. Manufacturer

• Name: D&T Inc.

∘ Address : 26-121, Gajeongbuk-ro, Yuseong-gu, Daejeon, 34113, Korea

3. Use of Report: For FCC Certification

4. Test Sample / Model: Wireless Charger / QWC-A800

5. Date of Test: 2021-04-28 to 2021-04-29

6. Test Standard(method) used: FCC 47 CFR part 15 subpart C 15.209

ANSI C63.10-2013

7. Testing Environment: Temp.: $(23 \pm 1) \, ^{\circ}$, Humidity: $(48 \pm 5) \, ^{\circ}$ R.H.

8. Test Results: Compliance

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full.

	Tested by	Technical Manager
Affirmation	m	0/4
	Gwanyong Kim: (Signature)	Young-taek Lee: (Signature)

2021-04-29

Republic of KOREA CTK Co., Ltd.



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REPORT REVISION HISTORY

Date	Revision	Page No
2021-04-29	Issued (CTK-2021-01663)	all
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1. General Product Description

1.1 Client Information

Company	D&T Inc.	
Contact Point	26-121, Gajeongbuk-ro, Yuseong-gu, Daejeon, 34113, Korea	
Contact Person	Name: Kyutae Park E-mail: ktpark@dntinc.co.kr Tel: +82-42-360-8000 Fax: -	

1.2 Product Information

FCC ID	THCQWC-A800	
Product Description	Wireless Charger	
Basic model	QWC-A800	
Variant Model name	-	
Operating Frequency	110 kHz - 200 kHz	
RF Output Power	72.2 dBµV/m @ 3 m	
Antenna type	Coil Antenna	
Type of Modulation	AM	
Power Source	DC 5 V (Adapter & Micro 5pin)	
RF Power setting	Referred the measuring instrument from manufacturer	

Note: the above eut information was declared by the manufacturer

1.3 Peripheral Devices

Device	Manufacturer	Model No.	Serial No.
Wireless charging tester	BAECOAR	WX0405M	-



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2. Facility and Accreditations

2.1 Test Facility

The measurement facility is located at (Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea.

2.2 Laboratory Accreditations and Listings

Country	Agency	Registration Number
USA	FCC	805871
CANADA	ISED	8737A-2
KOREA	NRRA	KR0025

2.3 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less. All test equipment calibrations are traceable to the Korea Research Institute of Standards and Science (KRISS), therefore, all test data recorded in this report is traceable to KRISS.



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3. Test Specifications

3.1 Standards

Section in FCC	Requirement(s)	Status (Note 1)	Test Condition		
15.203	Antenna requirement	С			
15.209	С	Radiated			
15.215(c)	Emission Bandwidth	С			
15.207(a)	AC Conducted Emission	С	Line Conducted		
Note 1: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable					
Note 2: The data in this test report are traceable to the national or international standards.					
Note 3: The sample was tested according to the following specification: FCC Part 15.209, ANSI C63.10-2013					

3.2 Mode of operation during the test

The EUT is operated in a manner representative of the typical of the equipments.

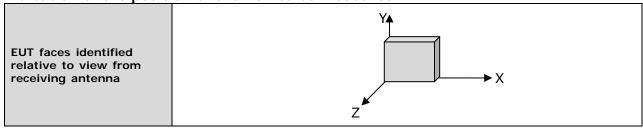
During at testing, system components were manipulated within the confines of typical usage to maximize each emission.

The results are only attached worst cases.

Test mode

. cot mode
Charging (Transmitting mode)
Stand-by (idle mode)

Indication of the position of the EUT to be measured



3.3 Maximum Measurement Uncertainty

The value of the measurement uncertainty for the measurement of each parameter. Coverage factor k = 2, Confidence levels of 95 %

Description	Uncertainty	
Radiated Emissions (9 kHz - 30 MHz)	1.5 dB (C.L. : Approx. 95%, <i>k</i> = 2)	
Radiated Emissions (30 MHz - 1 GHz)	4.66 dB (C.L. : Approx. 95%, k = 2)	
20 dB Bandwidth	0.02 kHz (C.L. : Approx. 95%, k = 2)	
AC Conducted Emission	1.96 dB μ V (C.L. : Approx. 95%, $k = 2$)	



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4. Technical Characteristic Test

4.1 Antenna requirement

Regulation

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Result:

-Complied

The transmitter has permanently attached loop coil antenna (internal antenna) on board



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4.2 Field strength of fundamental and Spurious emission

I e	st Location	
\boxtimes	10 m SAC (test distance : \square 10 m, \boxtimes	3 m)
	3 m SAC (test distance : 3 m)	

Test Procedures

ANSI C63.10-2013 - Section 6.4, 6.5

- 1) In the frequency range of 9 kHz to 30 MHz, magnetic field is measured with Loop Antenna. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
- 2) In the frequency rage above 30 MHz, Bi-Log Test Antenna(30 MHz to 1 GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is carried from 1m to 4m above the ground to determine the maximum value of the field strength. The emissions levels at both horizontal and vertical polarizations should be tested.

Instrument Settings

Frequency Range = 9 kHz ~ 1 GHz

- a) RBW = 100 kHz for f < 1 GHz, 9 kHz for f < 30 MHz, 200 Hz for f < 150 kHz
- b) VBW ≥ RBW
- c) Sweep time = auto couple



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Limit:

FCC Part 15 § 15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

Table 1. Restricted Frequency Bands

MHz	MHz	MHz	MHz	MHz	GHz
0.09-0.11	8.37626-8.38675	73-74.6	399.9-410	2690-2900	10.6-12.7
¹ 0.495-0.505	8.41425-8.41475	74.8-75.2	608-614	3260-3267	13.25-13.4
2.1735-2.1905	12.29-12.293	108-121.94	960-1240	3332-3339	14.47-14.5
4.125-4.128	12.51975-12.52025	123-138	1300-1427	3345.8-3358	15.35-16.2
4.17725-4.17775	12.57675-12.57725	149.9-150.05	1435-1626.5	3600-4400	17.7-21.4
4.20725-4.20775	13.36-13.41	156.52475- 156.52525	1645.5-1646.5	4500-5150	22.01-23.12
6.215-6.218	16.42-16.423	156.7-156.9	1660-1710	5350-5460	23.6-24
6.26775-6.26825	16.69475-16.69525	162.0125-167.17	1718.8-1722.2	7250-7750	31.2-31.8
6.31175-6.31225	16.80425-16.80475	167.72-173.2	2200-2300	8025-8500	36.43-36.5
8.291-8.294	25.5-25.67	240-285	2310-2390	9000-9200	² Above 38.6
8.362-8.366	37.5-38.25	322-335.4	2483.5-2500	9300-9500	

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

§ 15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown is Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

FCC Part 15 § 15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table :

Frequency (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Deasurement Distance (meters)
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	30	29.5	30
30-88	100**	40	3
88-216	150**	43.5	3
216-960	200**	46	3
Above 960	500	54	3

^{**} Except as provided in 15.209(g).fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g.15.231 and 15.241.

² Above 38.6

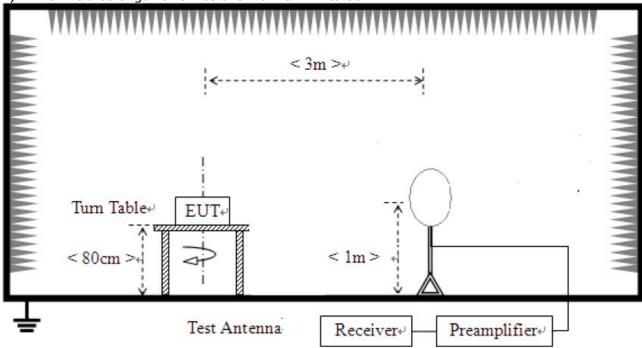


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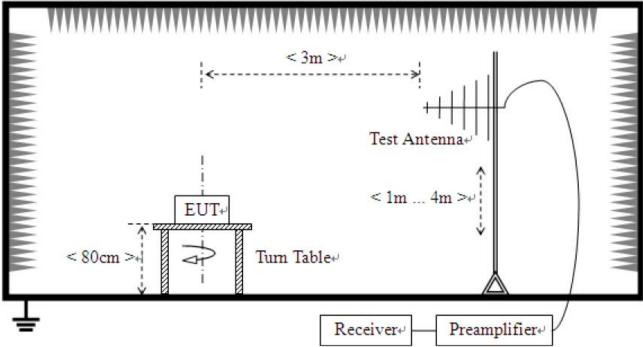
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Test Setup:

For field strength of emissions from 9 kHz to 30 MHz



For field strength of emissions from 30 MHz to 1 GHz





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Test results

1) Radiated emissions of fundamental frequency

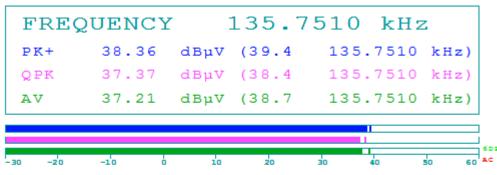
Test mode: Charging (Transmitting mode)

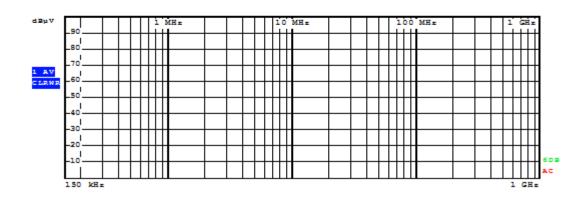
The requirements are:

Test Data



RBW 200 Hz
MT 100 ms
Att 0 dB AUTO PREAMP OFF





Frequency [MHz]	Reading [dBuV]	c.f [dB/m]	Result [dBuV/m]	Limit [dBuA/m]	Magin[dB]	Remark
0.135	38.7	24.9	63.6	105.7	42.1	Average

- 1. Measuring position: The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
- 2. Result = Reading + c.f(correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
- 4. Limit : $20\log(2400/135) + 40\log(300/3) = 105.7 \text{ dBuV/m}$



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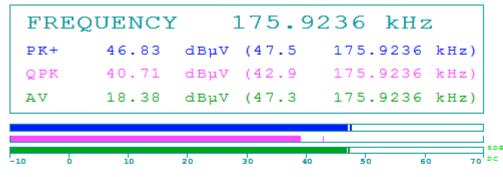
Test mode: Stand-by (idle mode)

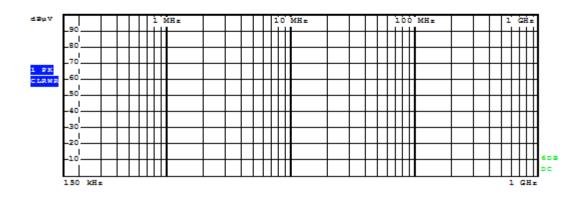
The requirements are:

Test Data



RBW 9 kHz MT 100 ms Att 0 dB AUTO PREAMP OFF





Frequency [MHz]	Reading [dBuV]	c.f [dB/m]	Result [dBuV/m]	Limit [dBuA/m]	Magin[dB]	Remark
0.176	47.3	24.9	72.2	102.7	30.5	Average

- 1. Measuring position: The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
- 2. Result = Reading + c.f(correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
- 4. Limit : $20\log(2400/176) + 40\log(300/3) = 102.7 \text{ dBuV/m}$



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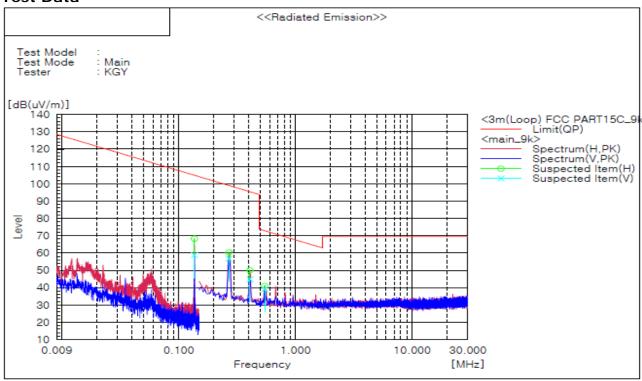
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2) 9 kHz to 30 MHz

Test mode: Charging (Transmitting mode)

The requirements are:

Test Data



Spectrum Selection

No.	Frequency	(P)	Reading	c.f	Result PK	Limit QP	Margin QP	Height	Angle
	[MHz]		[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]
1	0.136	Н	43.4	24.9	68.3	104.9	36.6	100.0	0.0
2	0.136	٧	33.9	24.9	58.8	104.9	46.1	100.0	299.0
3	0.269	Н	35.5	25.0	60.5	99.0	38.5	100.0	28.0
4	0.269	٧	31.8	25.0	56.8	99.0	42.2	100.0	137.0
5	0.407	Н	25.2	24.9	50.1	95.4	45.3	100.0	48.0
6	0.407	٧	20.1	24.9	45.0	95.4	50.4	100.0	320.0
7	0.546	Н	16.2	24.9	41.1	72.9	31.8	100.0	1.0
8	0.546	٧	14.3	24.9	39.2	72.9	33.7	100.0	84.0

Remark:

- 1. Measuring position: The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
- 2. Result = Reading + c.f(correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
- 4. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
- 5. This data is the Peak(PK) value.
- 6. No. 1 and 2 in the data table are the Fundamental frequency.



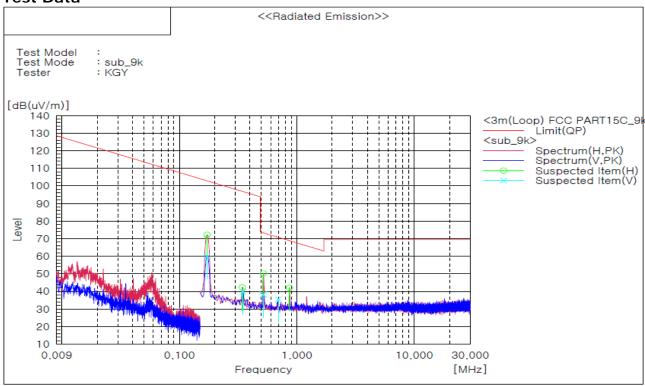
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Test mode: Stand-by (idle mode)

The requirements are:

Test Data



Spectrum Selection

No.	Frequency	(P)	Reading	c.f	Result PK	Limit QP	Margin QP	Height	Angle
	[MHz]		[dB(uV)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[dB]	[cm]	[deg]
1	0.172	Н	47.3	24.9	72.2	102.9	30.7	100.0	303.0
2	0.172	٧	35.1	24.9	60.0	102.9	42.9	100.0	266.0
3	0.344	Н	17.3	25.0	42.3	96.9	54.6	100.0	1.0
4	0.348	V	14.8	25.0	39.8	96.8	57.0	100.0	100.0
5	0.519	Н	25.3	24.9	50.2	73.3	23.1	100.0	1.0
6	0.519	٧	13.3	24.9	38.2	73.3	35.1	100.0	266.0
7	0.698	٧	10.6	24.9	35.5	70.7	35.2	100.0	100.0
8	0.866	Н	17.1	25.0	42.1	68.8	26.7	100.0	357.0

Remark:

- 1. Measuring position: The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in stand-up position(Z axis) and the worst case was recorded.
- 2. Result = Reading + c.f(correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator
- 4. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
- 5. This data is the Peak(PK) value.
- 6. No. 1 and 2 in the data table are the Fundamental frequency.



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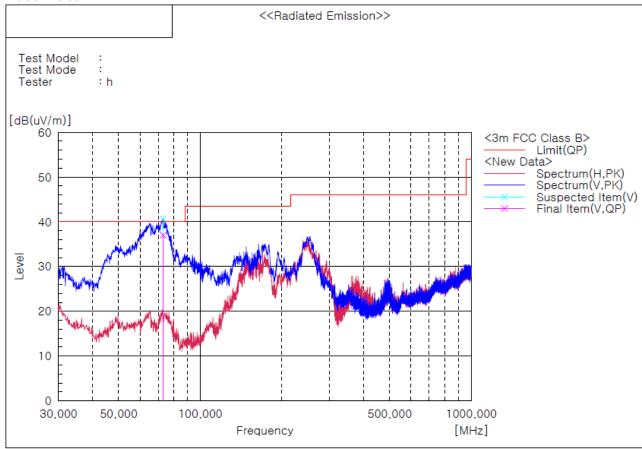
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3) 30 MHz to 1 GHz

Test mode: Charging (Transmitting mode)

The requirements are:

Test Data



Final Result

Remark:

- 1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z axis) and the worst case was recorded.
- 2. Result = Reading + c.f(Correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator Amp Gain

4. This data is the QP value.



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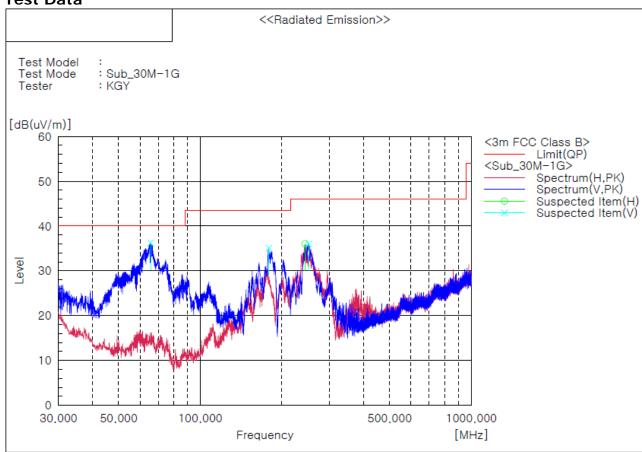
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Test mode: Stand-by (idle mode)

The requirements are:

Test Data



Spectrum Selection

No.	Frequency	(P)	Reading	c.f	Result	Limit	Margin	Height	Angle
	[MHz]		[dB(uV)]	[dD/1/m)]	PK	QP	QP [dB]	[mo]	[doa]
			[ub(uv)]	[dB(1/m)]	[dB(uV/m)]	[dB(uV/m)]	[ub]	[cm]	[deg]
1	65.648	V	54.2	-18.0	36.2	40.0	3.8	101.0	322.0
2	179.138	V	49.0	-14.0	35.0	43.5	8.5	101.0	309.0
3	243.643	Н	46.3	-10.3	36.0	46.0	10.0	101.0	100.0
4	251.281	V	45.3	-9.3	36.0	46.0	10.0	194.0	151.0

Remark:

- 1. The Unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z axis) and the worst case was recorded.
- Result = Reading + c.f(Correction factor)
- 3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator Amp Gain
- 4. This data is the Peak(PK) value.



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4.3 Emission Bandwidth

Regulation

For reporting purpose only

Requirement

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

Test Procedures

For the emission bandwidth refer ANSI C63.10-2013, clause 6.9(Occupied bandwidth).

<u>Test Settings</u>:

Center frequency = the highest, middle and the lowest channels

a) RBW = 200 Hz (20 dB Bandwidth)

b) RBW = 1% to 5% of the OBW

(99 % Bandwidth)

c) VBW \geq 3 x RBW

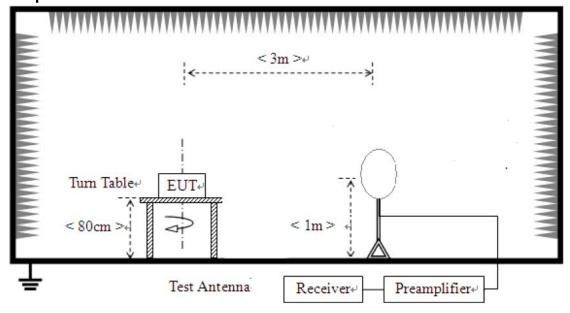
d) Detector = peak

f) Sweep = auto couple

e) Trace mode = Max hold

- g) Allow trace to fully stabilize
- h) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

Test Setup





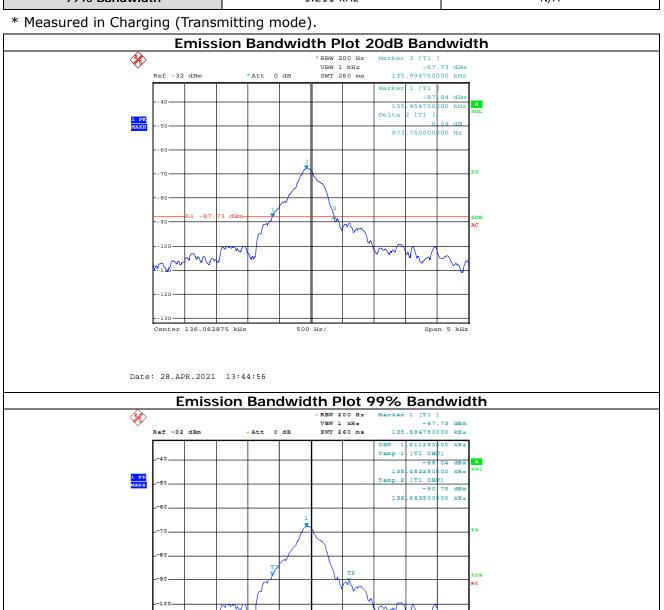
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Test results

Emission Bandwidth	Result	Limit
20dB Bandwidth	0.974 kHz	N/A
99% Bandwidth	1.211 kHz	N/A



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4.4 AC Conducted Emissions

A radio apparatus that is designed to be connected to the public utility (AC) power line shall ensure that the radio frequency voltage, which is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz-30 MHz, shall not exceed the limits.

Instrument Settings

IF Band Width: 9 kHz

Test Procedures

ANSI C63.10-2013 - Section 6.2.2

The EUT was placed on a non-metallic table 0.8m above the metallic, grounded floor and 0.4m from the reference ground plane wall. The distance to other metallic surfaces was at least 0.8m.

Amplitude measurements were performed with a quasi-peak detector and an average detector.

Limit

- 15.207(a)

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

^{*} The level decreases linearly with the logarithm of the frequency.

Test Results

The requirements are:

^{**} A linear average detector is required.



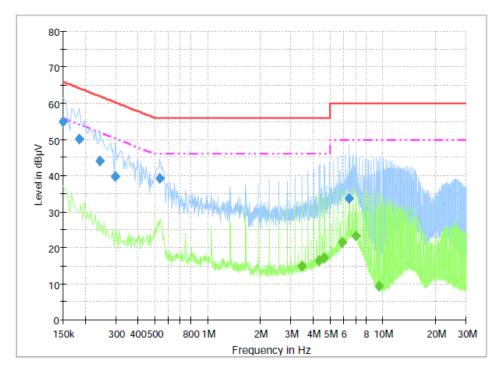
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Test Data

Test mode: Charging (Transmitting mode)

[LINE] (with EC)3CE_Class B_L1



Final Result 1

-	T III at 1 to o at t											
	Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit			
	(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)			
			(ms)									
	0.150000	54.9	1000.0	9.000	On	L1	9.7	11.1	66.0			
	0.186000	50.1	1000.0	9.000	On	L1	9.7	14.1	64.2			
Г	0.244500	44.0	1000.0	9.000	On	L1	9.7	17.9	61.9			
Г	0.298500	39.8	1000.0	9.000	On	L1	9.7	20.5	60.3			
	0.537000	39.1	1000.0	9.000	On	L1	9.7	16.9	56.0			
	6.454500	33.5	1000.0	9.000	On	L1	10.0	26.5	60.0			

Final Result 2

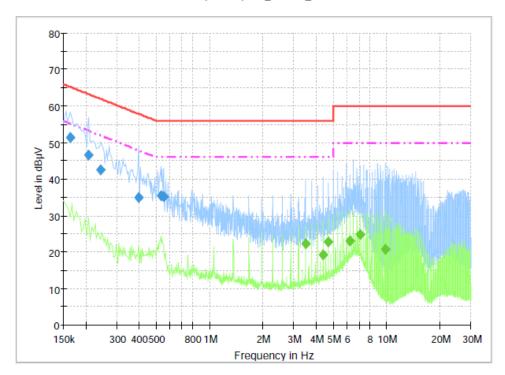
Frequency	CAverage	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)
		(ms)						
3.457500	15.0	1000.0	9.000	On	L1	9.9	31.0	46.0
4.357500	16.5	1000.0	9.000	On	L1	9.9	29.5	46.0
4.659000	17.2	1000.0	9.000	On	L1	10.0	28.8	46.0
5.865000	21.6	1000.0	9.000	On	L1	10.0	28.4	50.0
7.066500	23.3	1000.0	9.000	On	L1	9.9	26.7	50.0
9.478500	9.5	1000.0	9.000	On	L1	10.0	40.5	50.0



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[NEUTRAL] (with EC)3CE_Class B_N



Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)
		(ms)						
0.163500	51.5	1000.0	9.000	On	N	9.7	13.8	65.3
0.208500	46.6	1000.0	9.000	On	N	9.7	16.7	63.3
0.244500	42.6	1000.0	9.000	On	N	9.7	19.4	61.9
0.397500	35.1	1000.0	9.000	On	N	9.7	22.9	57.9
0.532500	35.3	1000.0	9.000	On	N	9.7	20.7	56.0
0.550500	35.3	1000.0	9.000	On	N	9.7	20.7	56.0

Final Result 2

	man recount 2											
Frequency	CAverage	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit				
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)				
		(ms)										
3.489000	22.2	1000.0	9.000	On	N	9.9	23.8	46.0				
4.398000	19.3	1000.0	9.000	On	N	10.0	26.7	46.0				
4.704000	22.7	1000.0	9.000	On	N	10.0	23.3	46.0				
6.220500	23.0	1000.0	9.000	On	N	10.0	27.0	50.0				
7.134000	24.7	1000.0	9.000	On	N	10.0	25.3	50.0				
9.865500	20.9	1000.0	9.000	On	N	10.2	29.1	50.0				

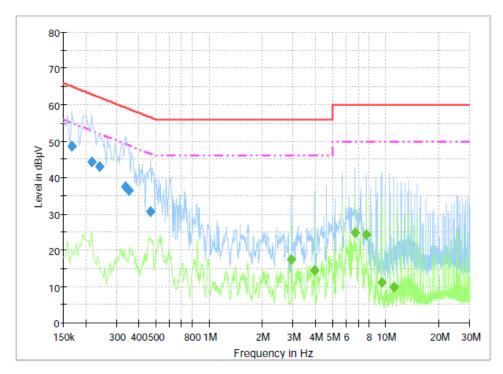


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Test mode : Stand-by (idle mode)

[LINE] (with EC)3CE_Class B_L1



Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	ime (kHz)			(dB)	(dB)	(dBµV)
		(ms)						
0.168000	48.5	1000.0	9.000	On	L1	9.7	16.5	65.1
0.217500	44.3	1000.0	9.000	On	L1	9.7	18.6	62.9
0.240000	43.2	1000.0	9.000	On	L1	9.7	18.9	62.1
0.339000	37.6	1000.0	9.000	On	L1	9.7	21.7	59.2
0.352500	36.5	1000.0	9.000	On	L1	9.7	22.4	58.9
0.469500	30.6	1000.0	9.000	On	L1	9.7	25.9	56.5

Final Result 2

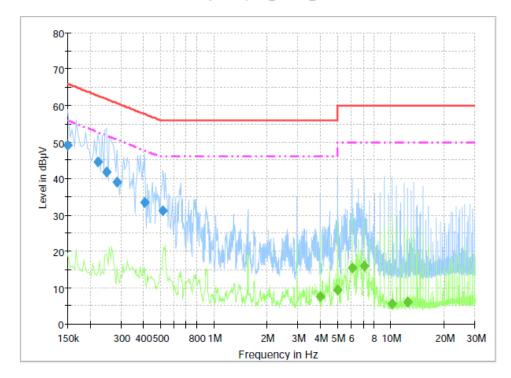
Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
2.931000	17.3	1000.0	9.000	On	L1	9.8	28.7	46.0
3.966000	14.5	1000.0	9.000	On	L1	9.9	31.5	46.0
6.720000	24.8	1000.0	9.000	On	L1	10.0	25.2	50.0
7.750500	24.3	1000.0	9.000	On	L1	9.9	25.7	50.0
9.478500	11.1	1000.0	9.000	On	L1	10.0	38.9	50.0
11.202000	9.9	1000.0	9.000	On	L1	10.1	40.1	50.0



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[NEUTRAL] (with EC)3CE_Class B_N



Final Result 1

Frequency	QuasiPeak	Meas.	Bandwidth	Filter	Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	Time (kHz)			(dB)	(dB)	(dBµV)
		(ms)						
0.150000	49.2	1000.0	9.000	On	N	9.7	16.8	66.0
0.222000	44.4	1000.0	9.000	On	N	9.7	18.3	62.7
0.249000	41.7	1000.0	9.000	On	N	9.7	20.1	61.8
0.285000	38.9	1000.0	9.000	On	N	9.7	21.8	60.7
0.406500	33.5	1000.0	9.000	On	N	9.7	24.2	57.7
0.519000	31.1	1000.0	9.000	On	N	9.7	24.9	56.0

Final Result 2

mar Roodit 2								
Frequency	CAverage	Meas.	as. Bandwidth		Line	Corr.	Margin	Limit
(MHz)	(dBµV)	Time	(kHz)			(dB)	(dB)	(dBµV)
		(ms)						
3.993000	7.7	1000.0	9.000	On	N	10.0	38.3	46.0
5.037000	9.4	1000.0	9.000	On	N	10.0	40.6	50.0
6.076500	15.5	1000.0	9.000	On	N	10.0	34.5	50.0
7.116000	16.0	1000.0	9.000	On	N	10.0	34.0	50.0
10.230000	5.5	1000.0	9.000	On	N	10.2	44.5	50.0
12.480000	6.1	1000.0	9.000	On	N	10.4	43.9	50.0



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5. APPENDIX A - Test Equipment Used For Tests

	Name of Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESCI7	100814	2020-10-20	2021-10-20
2	Bilog Antenna	SCHAFFNER	CBL6111C	2551	2021-03-22	2023-03-22
3	Active Loop Antenna	SCHWARZBECK	FMZB 1513	1513-126	2020-05-20	2022-05-20
4	AMPLIFIER	SONOMA	310	291721	2021-01-22	2022-01-22
5	6dB Attenuator	BIRD	5W 6dB	1744	2020-12-17	2021-12-17
6	6dB Attenuator	Rohde & Schwarz	DNF	272.4110.50-2	2020-10-23	2021-10-23
7	LISN	Rohde & Schwarz	ENV216	101150	2021-01-12	2022-01-12
8	EMI Test Receiver	Rohde & Schwarz	ESCI3	100032	2021-01-15	2022-01-15