



TEST REPORT

No. I19D00009-EMC01

For

Client : Mobiwire SAS

Production: 4G Smart Feature Phone

Model Name : MobiWire Oneida

Brand Name: MobiWire

FCC ID: QPN-ONEIDA

Hardware Version: V04

Software Version: VDF_ONEIDA_SS_O_L_C_V01.0_2018

0919.MP_FCC

Issued date: 2019-03-05

NOTE

1. The test results in this test report relate only to the devices specified in this report.
2. This report shall not be reproduced except in full without the written approval of East China Institute of Telecommunications
3. The measurement uncertainty is not taken into account when deciding conformity, and the results of measurement (or the average of measurement results) are directly used as the criterion for the stating conformity.

Test Laboratory:

East China Institute of Telecommunications

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Revision Version

Report Number	Revision	Date	Memo
I19D00009-EMC01	00	2019-03-05	Initial creation of test report

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1. Test Laboratory

1.1. Testing Location

Company Name: ECIT Shanghai, East China Institute of Telecommunications
Address: 7F, G Area, No. 668, Beijing East Road, Huangpu District, Shanghai,
P. R. China
Postal Code: 200001
Telephone: 86-21-63843300
Fax: 86-21-63843301
FCC registration No: 958356

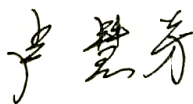
1.2. Testing Environment

Normal Temperature: 15-35℃
Relative Humidity: 30-60%RH

1.3. Project data

Project Leader: Yu Anlu
Testing Start Date: 2019-03-04
Testing End Date: 2019-03-05

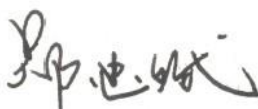
1.4. Signature



Lu Huifang
(Prepared this test report)



You Jinjun
(Reviewed this test report)



Zheng Zhongbin
(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: Mobiwire SAS
Address : 79 AVENUE FRANCOIS ARAGO 92017 NANTERRE CEDEX
 France.
Telephone: +86 574 59555707
Post: /

2.2. Manufacturer Information

Company Name: Mobiwire SAS
Address : 79 AVENUE FRANCOIS ARAGO 92017 NANTERRE CEDEX
 France.
Telephone: +86 574 59555707
Post: /

3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

EUT Description	4G Smart Feature Phone
Model name	MobiWire Oneida
GSM Frequency Band	GSM850/GSM1900/GSM900/GSM1800
WCDMA Frequency Band	Band I /Band II /Band V /Band VIII
LTE Frequency Band	LTE 1/3/7/20
Additional Communication Function	BT4.2;WiFi 802.11b,g,n;GPS;

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
N02	352548100000647/ 352548100000654	V04	VDF_ONEIDA_SS_O_L _C_V01.0_20180919.M P_FCC	2019.03.04
N05 (Single SIM)	352548100004045	V04	VDF_ONEIDA_SS_O_L _C_V01.0_20180919.M P_FCC	2019.03.04
N06(Without Camera)	352548100004995	V04	VDF_ONEIDA_SS_O_L _C_V01.0_20180919.M P_FCC	2019.03.04

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	Model	SN
AA01	Earphone	NA	NA
CA01	Adapter	A31A-050055U-US1	NA
AE1	Desktop PC	OptiPlex 790 DT	X8RP1 A01 APCC
AE2	Notebook PC	DELL E5250	7HXWF72
AE3	LAN Cable	NA	NA
AE4	VGA Cable	NA	NA
AE5	RS232 Cable	NA	NA
AE6	Keyboard	KB212-B	CN-0Y88XT-65890-12I-005Q-A00
AE7	Mouse	MS111-P	CN-011D3V-71581-19J-1A64
AE8	Earphone	NA	NA
AE9	Monitor	Dell E1709Wc	NA
AE10	USB Cable	NA	NA
AE11	SanDisk Ultra32GB	microSDHC UHS-I	NA

*AE ID: is used to identify the test sample in the lab internally.

4. Reference Documents

4.1 Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 15, Subpart B	Radio frequency devices	10-1-17 Edition
ANSI C63.4	Method of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2014

5. Test Results

5.1 Summary of Test Results

Items	Test List	Clause in FCC rules	Verdict
1	Radiated Emission	15.109(a)	Pass
2	AC Conducted Emission	15.107(a)	Pass

5.2 Statements

The MobiWire Oneida supporting GSM/WCDMA/LTE/BT/WLAN/GPS.etc, manufactured by Mobiwire SAS is a variant product for testing. ECIT only performed test cases which identified with Pass/Fail/Inc result in section 5.1.

ECIT has verified that the compliance of the tested device specified in section 3 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 4 of this test report.

Note: This project is a variant project of I18D00205-EMC01 original report, testing the worst mode of the original report, and referring to the original report for other information

6. Test Equipment Utilized

6.1 Radiated Emission Equipment list

No.	Name	Type	Series Number	Producer	Cal. Date	Cal. interval
1	Universal Radio Communication	CMU200	123126	R&S	2018-05-11	1 Year
2	Test Receiver	ESU40	100307	R&S	2018-05-11	1 Year
3	Trilog Antenna	VULB9163	VULB9163-515	Schwarzbeck	2017-02-25	3 Year
4	Double Ridged Guide	ETS-3117	00135885	ETS	2017-01-11	3 Year
5	EMI Test Software	EMC32 V9.15	NA	R&S	NA	NA

6.1 AC Conducted Emission Equipment list

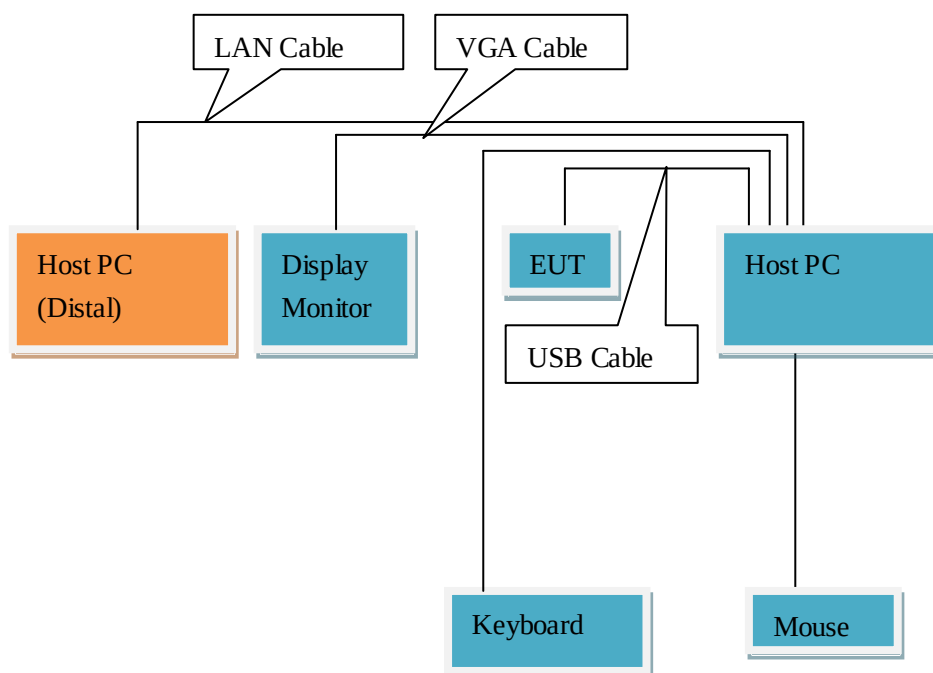
No.	Name	Type	Series Number	Producer	Cal. Date	Cal. interval
1	Universal Radio	CMU200	123123	R&S	2018-05-11	1 Year
2	Test Receiver	ESCI	101235	R&S	2018-05-11	1 Year
3	2-Line V-Network	ENV216	101380	R&S	2018-05-11	1 Year
4	EMI Test Software	EMC32 V10.35.02	NA	R&S	NA	NA

7. System Configuration during Test

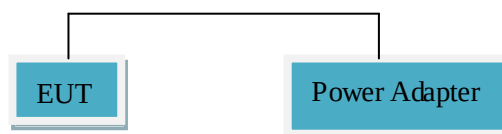
7.1 Test Mode

Test Item	Function Type
AC Conducted Emission	Mode 2: Adapter charging <Figure 2>(N02)
	Mode 2: Adapter charging <Figure 2>(N05)
	Mode 2: Adapter charging <Figure 2>(N06)
Radiated Emission	Mode 1: USB cable (Data Link with PC) <Figure 1>(N02)
	Mode 2: Adapter charging <Figure 2>(N02)
	Mode 1: USB cable (Data Link with PC) <Figure 1>(N05)
	Mode 2: Adapter charging <Figure 2>(N05)
	Mode 1: USB cable (Data Link with PC) <Figure 1>(N06)
	Mode 2: Adapter charging <Figure 2>(N06)
Remark: 1.All test modes are performed, only the worst cases test data are recorded in this report. 2.Data Link with PC means data application transferred mode between EUT and PC.	

7.2 Connection Diagram of Test System



<Figure 1>



<Figure 2>

8. Measurement Results

Only the worst test result was shown in this report.

8.1 Radiated Emission 30MHz-18GHz

Method of Measurement

For 30MHz -1000MHz, the EUT was placed on the top of a rotating 0.8m table above the ground at a semi-anechoic chamber. The distance between the EUT and the received antenna was 3 meters. The table was rotated 360 degree and the received antenna mounted on a variable-height antenna tower was varied from 1m to 4m to find the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna were set during the measurement. Tested in accordance with the procedures of ANSI C63.4-2014, section 8.3.

For 1000MHz -18000MHz, The maximal emission value was acquired by adjusting the antenna height, The table was rotated 360 degree to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna were set during the measurement.

Limits for Radiated Emission at a measuring distance of 3m

Frequency Range (MHz)	Quasi-Peak (dBuV/m)
30-88	40
88-216	43.5
216-960	46
Above 960	54

Frequency Range (MHz)	Peak (dBuV/m)	Average (dBuV/m)
Above 1000	74	54

Test conditions

Frequency Range (MHz)	RBW/VBW	Sweep Time (s)
30-1000	120kHz/300kHz	Auto
1000-18000	1MHz/3MHz	Auto

Uncertainty Measurement

The measurement uncertainty (30MHz-1000MHz) is 4.98 dB (k=2).

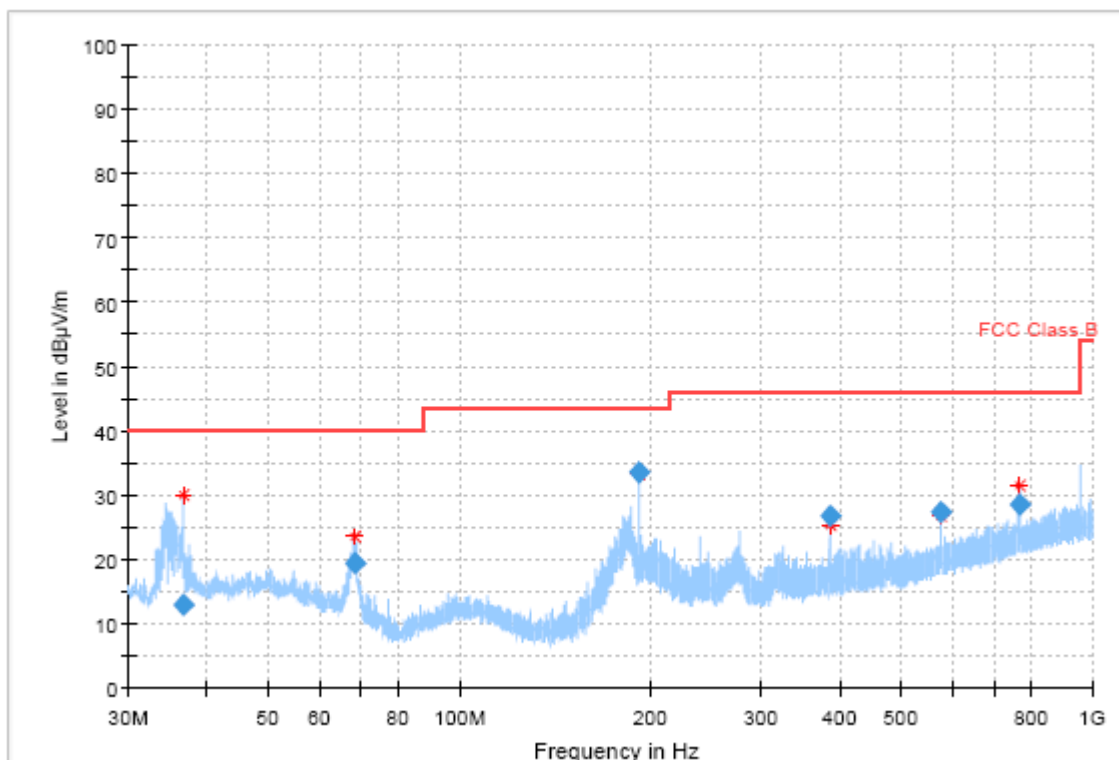
The measurement uncertainty (1000MHz-18000MHz) is 5.06 dB (k=2).

Test Results

Mode 1: USB cable (Data Link with PC)(N02)

Frequency Range:

30MHz – 1GHz

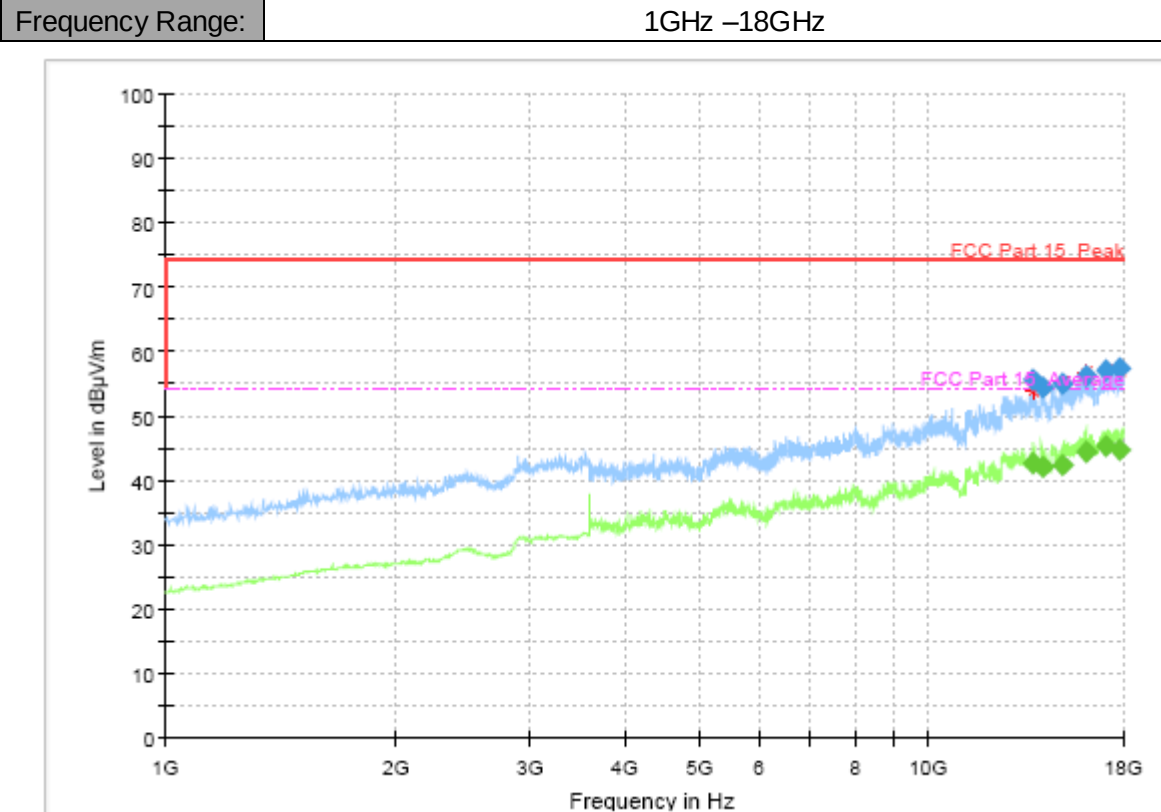


Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.575029	13.01	40.00	26.99	1000.0	120.000	99.0	V	111.0	-27.3
68.446667	19.41	40.00	20.59	1000.0	120.000	107.0	V	84.0	-29.6
192.000669	33.47	43.50	10.03	1000.0	120.000	175.0	V	135.0	-28.7
383.995333	26.64	46.00	19.36	1000.0	120.000	100.0	V	146.0	-24.1
575.985328	27.50	46.00	18.50	1000.0	120.000	99.0	H	291.0	-20.4
768.029691	28.55	46.00	17.45	1000.0	120.000	99.0	H	88.0	-17.0

Note:

1. Emission level(QP)=Raw value by receiver + Corr(Antenna factor + cable loss - preamplifier gain)
2. The raw value is used to calculate by software which is not shown in the sheet.
3. Margin=limit value – emission level.

Mode 2: Adapter charging(N02)

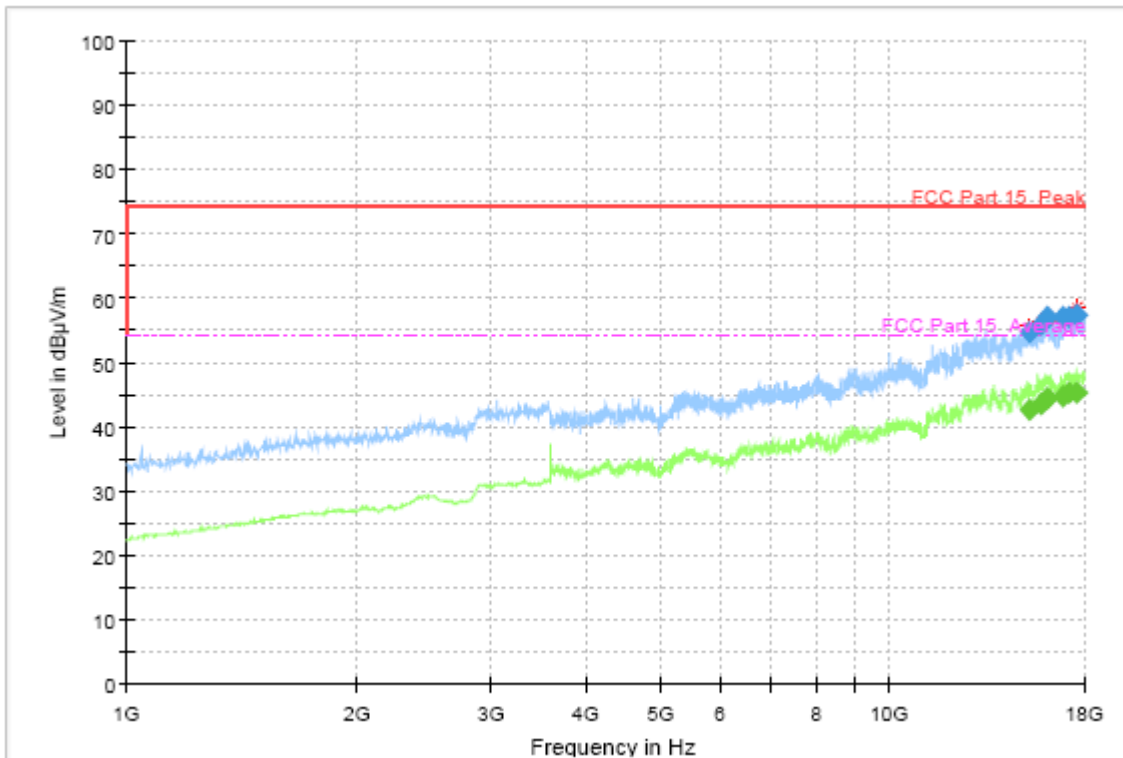


Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
13678.200000	---	42.73	54.00	11.27	100.0	1000.000	100	V	226.0
13678.200000	55.58	---	74.00	18.42	100.0	1000.000	100	V	226.0
14120.200000	---	42.18	54.00	11.82	100.0	1000.000	100	V	197.0
14120.200000	54.47	---	74.00	19.53	100.0	1000.000	100	V	197.0
15010.400000	---	42.49	54.00	11.51	100.0	1000.000	100	V	0.0
15010.400000	54.89	---	74.00	19.11	100.0	1000.000	100	V	0.0
16051.200000	---	44.44	54.00	9.56	100.0	1000.000	200	V	277.0
16051.200000	56.25	---	74.00	17.75	100.0	1000.000	200	V	277.0
17106.000000	57.03	---	74.00	16.97	100.0	1000.000	100	V	35.0
17106.000000	---	45.29	54.00	8.71	100.0	1000.000	100	V	35.0
17756.000000	57.38	---	74.00	16.62	100.0	1000.000	100	V	137.0
17756.000000	---	44.81	54.00	9.19	100.0	1000.000	100	V	137.0

Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.



Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15255.200000	---	42.69	54.00	11.31	100.0	1000.000	100	H	96.0
15255.200000	54.85	---	74.00	19.15	100.0	1000.000	100	H	96.0
15759.200000	55.98	---	74.00	18.02	100.0	1000.000	100	H	201.0
15759.200000	---	43.62	54.00	10.38	100.0	1000.000	100	H	201.0
16069.200000	56.96	---	74.00	17.04	100.0	1000.000	100	H	170.0
16069.200000	---	44.37	54.00	9.63	100.0	1000.000	100	H	170.0
16827.600000	57.12	---	74.00	16.88	100.0	1000.000	100	H	249.0
16827.600000	---	44.70	54.00	9.30	100.0	1000.000	100	H	249.0
17123.000000	57.00	---	74.00	17.00	100.0	1000.000	100	H	238.0
17123.000000	---	45.16	54.00	8.84	100.0	1000.000	100	H	238.0
17615.600000	---	45.28	54.00	8.72	100.0	1000.000	200	H	291.0
17615.600000	57.27	---	74.00	16.73	100.0	1000.000	200	H	291.0

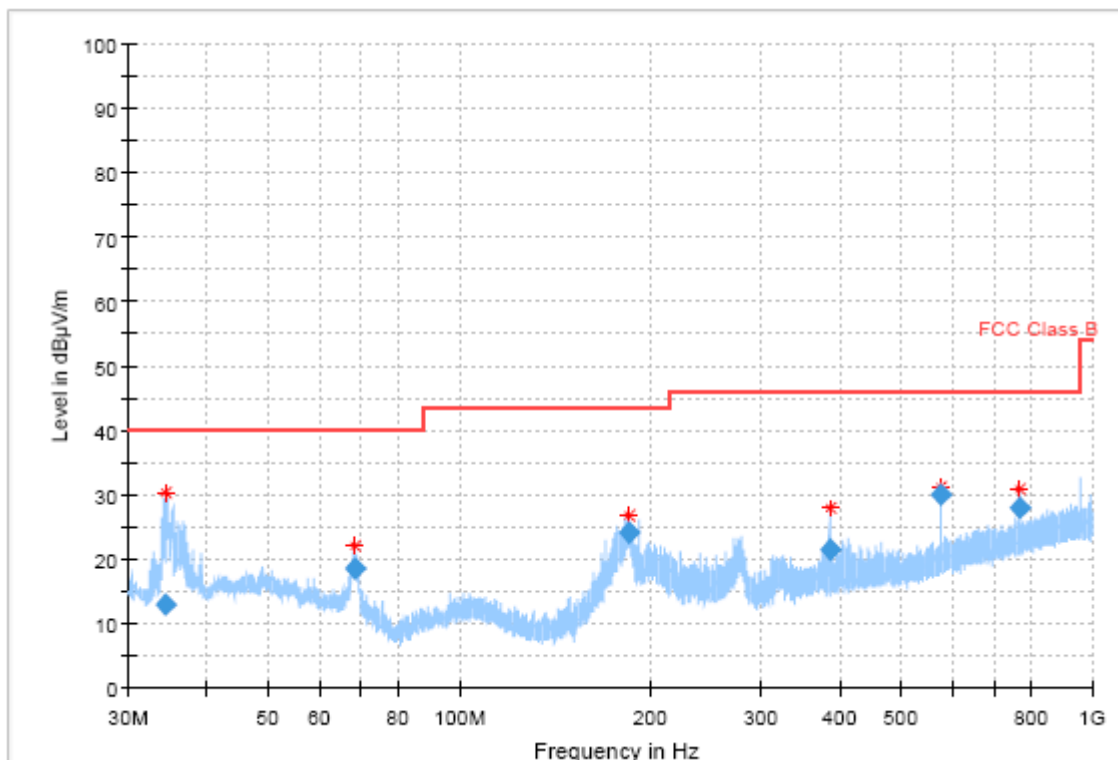
Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.

Mode 1: USB cable (Data Link with PC)(N05)

Frequency Range:

30MHz – 1GHz



Frequency (MHz)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
34.416200	13.00	40.00	27.00	1000.0	120.000	100.0	V	117.0	-27.7
68.491499	18.47	40.00	21.53	1000.0	120.000	99.0	V	154.0	-29.6
185.347667	24.08	43.50	19.42	1000.0	120.000	175.0	V	145.0	-29.0
384.048605	21.34	46.00	24.66	1000.0	120.000	105.0	V	160.0	-24.1
575.996648	30.04	46.00	15.96	1000.0	120.000	99.0	H	104.0	-20.4
767.992325	27.97	46.00	18.03	1000.0	120.000	100.0	H	89.0	-17.0

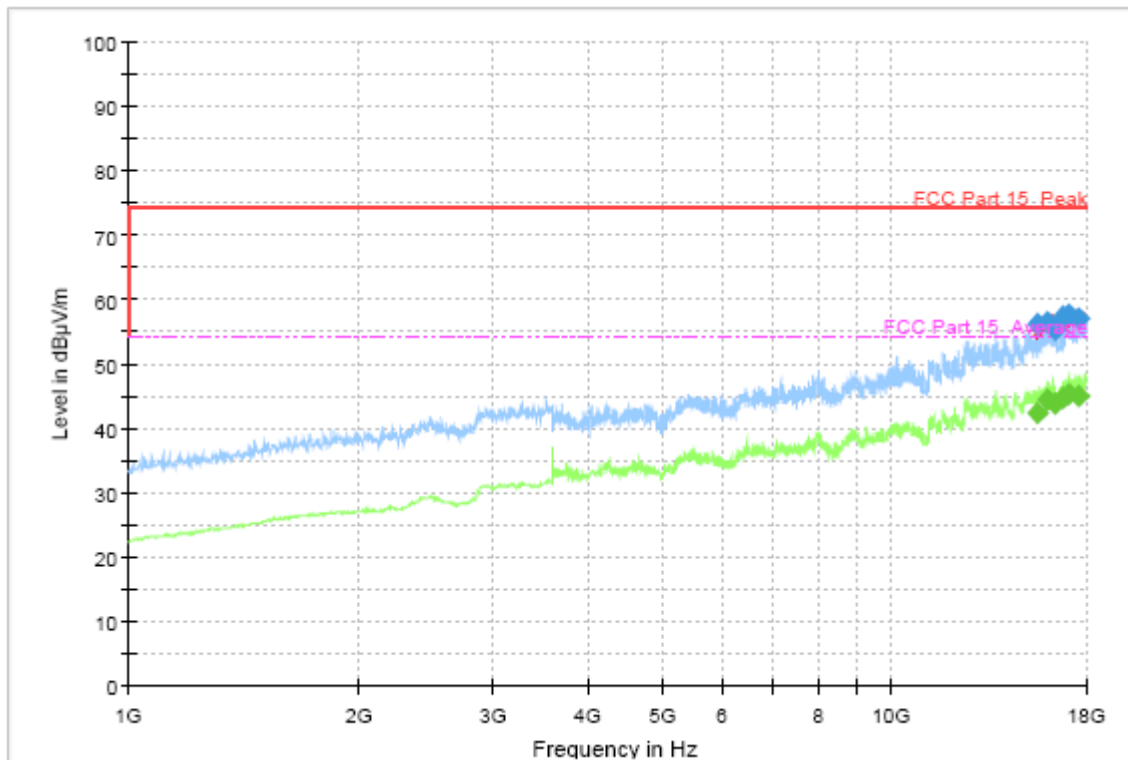
Note:

- 1.Emission level(QP)=Raw value by receiver + Corr(Antenna factor + cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.

Mode 2:Adapter charging(N05)

Frequency Range:

1GHz –18GHz

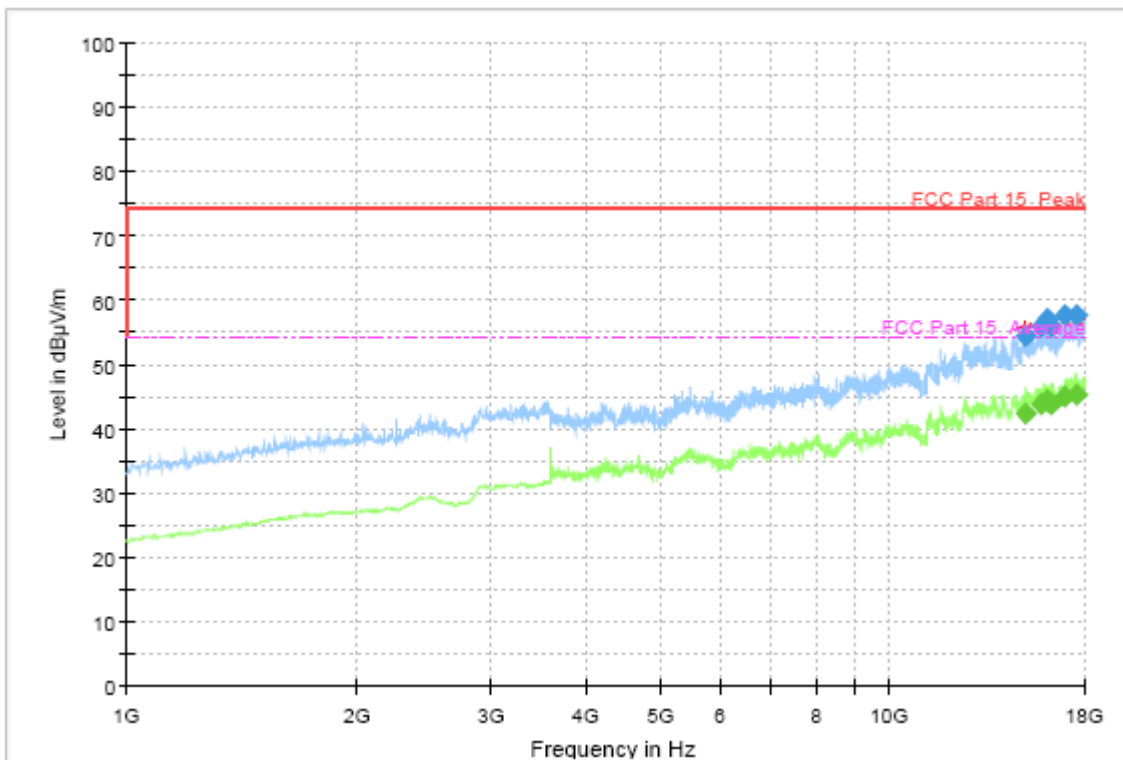


Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15477.400000	---	42.41	54.00	11.59	100.0	1000.000	100	V	0.0
15477.400000	56.17	---	74.00	17.83	100.0	1000.000	100	V	0.0
15994.600000	56.45	---	74.00	17.55	100.0	1000.000	200	V	63.0
15994.600000	---	44.32	54.00	9.68	100.0	1000.000	200	V	63.0
16350.600000	55.40	---	74.00	18.60	100.0	1000.000	100	V	314.0
16350.600000	---	43.73	54.00	10.27	100.0	1000.000	100	V	314.0
16736.200000	---	44.69	54.00	9.31	100.0	1000.000	100	V	180.0
16736.200000	57.33	---	74.00	16.67	100.0	1000.000	100	V	180.0
17108.600000	57.62	---	74.00	16.38	100.0	1000.000	200	V	0.0
17108.600000	---	45.21	54.00	8.79	100.0	1000.000	200	V	0.0
17527.800000	57.18	---	74.00	16.82	100.0	1000.000	200	V	210.0
17527.800000	---	44.99	54.00	9.01	100.0	1000.000	200	V	210.0

Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.



Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
15096.200000	---	42.45	54.00	11.55	100.0	1000.000	100.0	H	0.0
15096.200000	54.36	---	74.00	19.64	100.0	1000.000	100.0	H	0.0
15753.200000	55.94	---	74.00	18.06	100.0	1000.000	100.0	H	285.0
15753.200000	---	43.82	54.00	10.18	100.0	1000.000	100.0	H	285.0
16045.800000	56.98	---	74.00	17.02	100.0	1000.000	200.0	H	139.0
16045.800000	---	44.43	54.00	9.57	100.0	1000.000	200.0	H	139.0
16309.600000	55.78	---	74.00	18.22	100.0	1000.000	100.0	H	110.0
16309.600000	---	43.84	54.00	10.16	100.0	1000.000	100.0	H	110.0
17001.000000	57.54	---	74.00	16.46	100.0	1000.000	200.0	H	346.0
17001.000000	---	44.96	54.00	9.04	100.0	1000.000	200.0	H	346.0
17560.400000	---	45.21	54.00	8.79	100.0	1000.000	200.0	H	90.0
17560.400000	57.53	---	74.00	16.47	100.0	1000.000	200.0	H	90.0

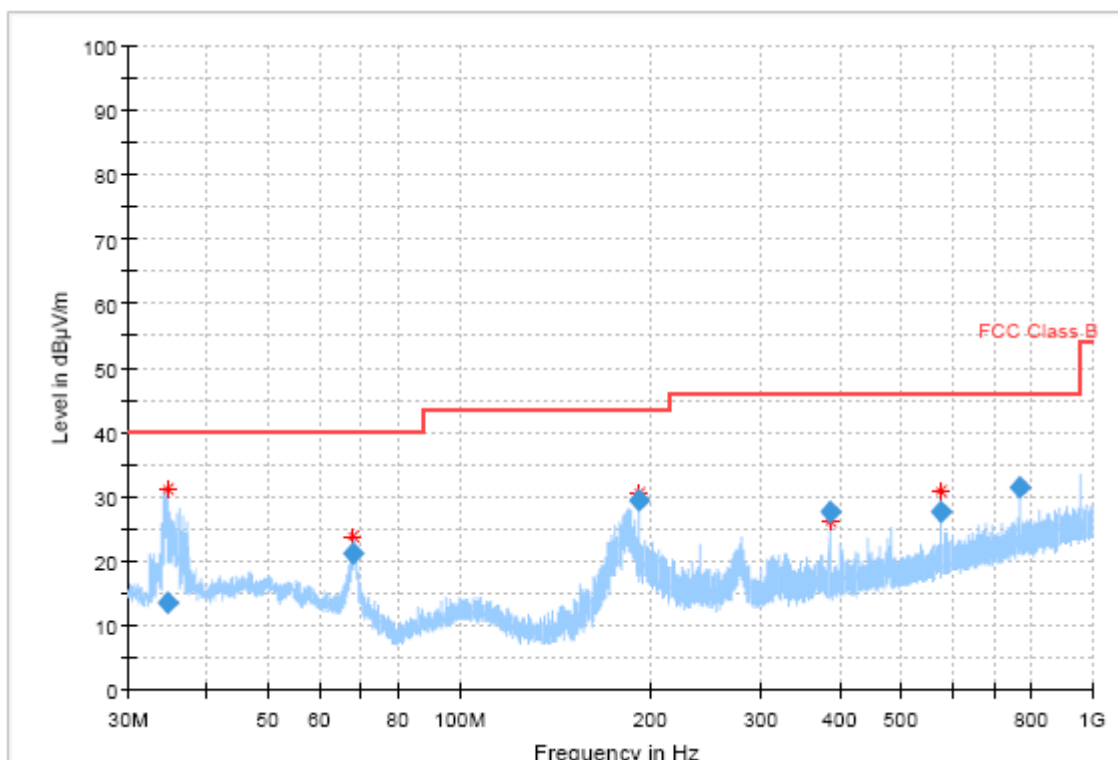
Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.

Mode 1: USB cable (Data Link with PC)(N06)

Frequency Range:

30MHz – 1GHz



Frequency (MHz)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
34.520669	13.53	40.00	26.47	1000.0	120.000	100.0	V	110.0	-27.7
68.149208	21.18	40.00	18.82	1000.0	120.000	105.0	V	-4.0	-29.5
191.992536	29.52	43.50	13.98	1000.0	120.000	180.0	V	162.0	-28.7
383.993491	27.65	46.00	18.35	1000.0	120.000	105.0	V	150.0	-24.1
576.043008	27.54	46.00	18.46	1000.0	120.000	100.0	V	197.0	-20.4
767.995597	31.34	46.00	14.66	1000.0	120.000	125.0	H	37.0	-17.0

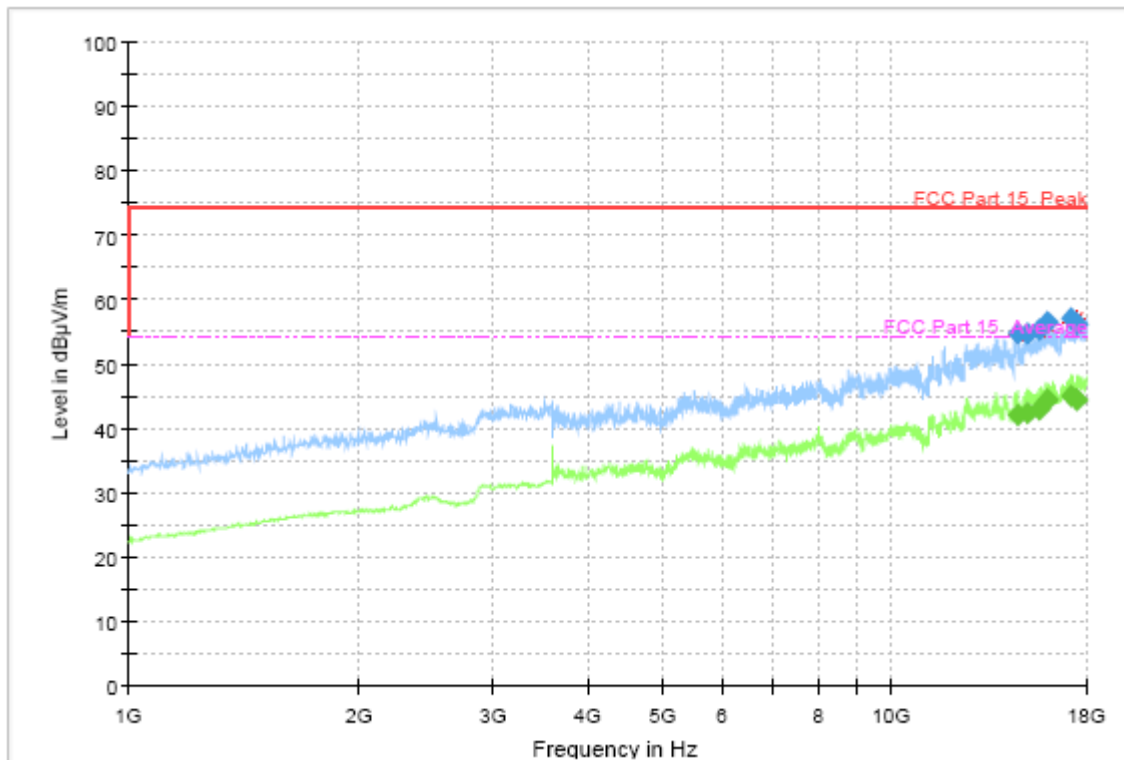
Note:

- 1.Emission level(QP)=Raw value by receiver + Corr(Antenna factor + cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.

Mode 2: Adapter charging(N06)

Frequency Range:

1GHz –18GHz

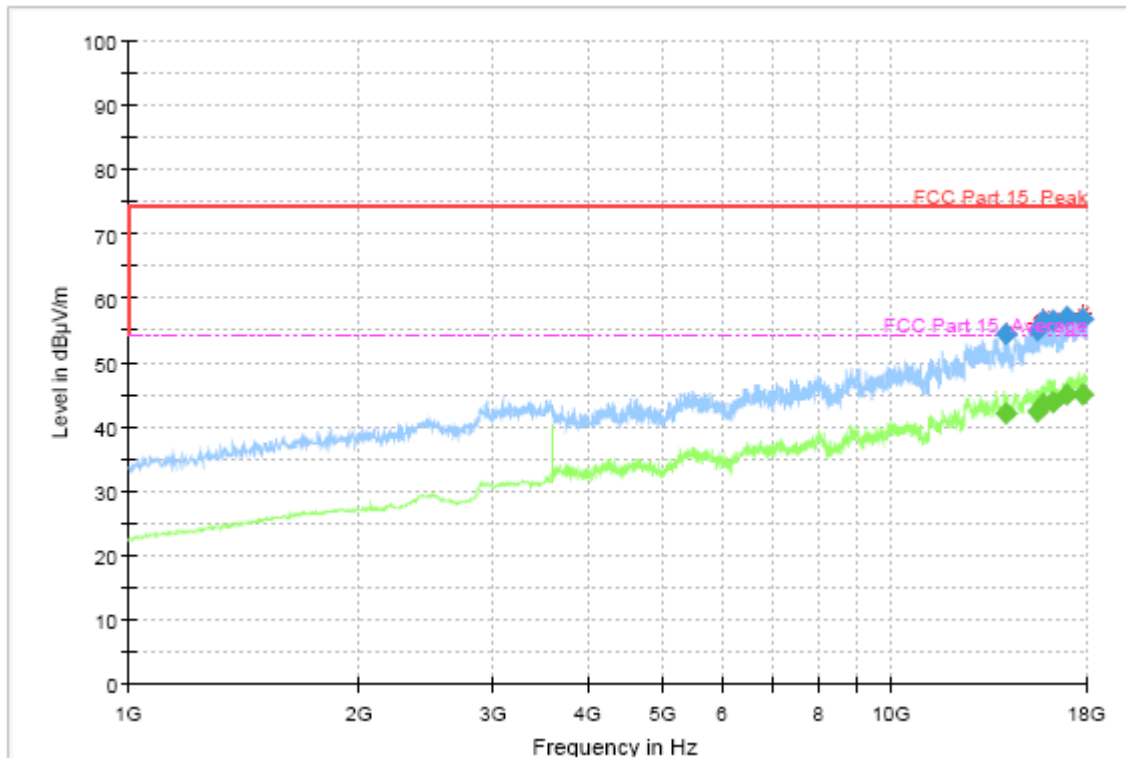


Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
14599.400000	---	42.01	54.00	11.99	100.0	1000.000	100	V	117.0
14599.400000	54.62	---	74.00	19.38	100.0	1000.000	100	V	117.0
15018.200000	54.80	---	74.00	19.20	100.0	1000.000	200	V	0.0
15018.200000	---	42.36	54.00	11.64	100.0	1000.000	200	V	0.0
15592.600000	---	42.96	54.00	11.04	100.0	1000.000	100	V	77.0
15592.600000	55.44	---	74.00	18.56	100.0	1000.000	100	V	77.0
16008.600000	56.38	---	74.00	17.62	100.0	1000.000	200	V	277.0
16008.600000	---	44.33	54.00	9.67	100.0	1000.000	200	V	277.0
17119.400000	---	45.08	54.00	8.92	100.0	1000.000	100	V	226.0
17119.400000	57.03	---	74.00	16.97	100.0	1000.000	100	V	226.0
17465.600000	---	44.38	54.00	9.62	100.0	1000.000	100	V	0.0
17465.600000	56.22	---	74.00	17.78	100.0	1000.000	100	V	0.0

Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.



Final Result

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
14107.600000	54.33	---	74.00	19.67	100.0	1000.000	200	H	51.0
14107.600000	---	41.98	54.00	12.02	100.0	1000.000	200	H	51.0
15504.200000	55.11	---	74.00	18.89	100.0	1000.000	100	H	216.0
15504.200000	---	42.44	54.00	11.56	100.0	1000.000	100	H	216.0
15807.000000	56.40	---	74.00	17.60	100.0	1000.000	100	H	165.0
15807.000000	---	43.66	54.00	10.34	100.0	1000.000	100	H	165.0
16303.200000	---	43.94	54.00	10.06	100.0	1000.000	100	H	0.0
16303.200000	56.33	---	74.00	17.67	100.0	1000.000	100	H	0.0
17000.000000	57.09	---	74.00	16.91	100.0	1000.000	100	H	247.0
17000.000000	---	44.94	54.00	9.06	100.0	1000.000	100	H	247.0
17820.000000	---	44.89	54.00	9.11	100.0	1000.000	200	H	0.0
17820.000000	56.71	---	74.00	17.29	100.0	1000.000	200	H	0.0

Note:

- 1.Emission level(peak or average)=Raw value by receiver + Corr(Antenna factor+ cable loss - preamplifier gain)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.

8.2 AC Conducted Emission

Method of Measurement

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies with the band 150 kHz to 30MHz shall not exceed the limits. Both lines of the power mains connected to the EUT were checked for maximum conducted interference. Tested in accordance with the procedures of ANSI C63.4-2014, section 7.3

Limit of Conducted Emission

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency		

Test Condition in Charging Mode

Voltage (V)	Frequency (Hz)	RBW	Sweep Time (s)
120	60	9 KHz	Auto

Uncertainty Measurement

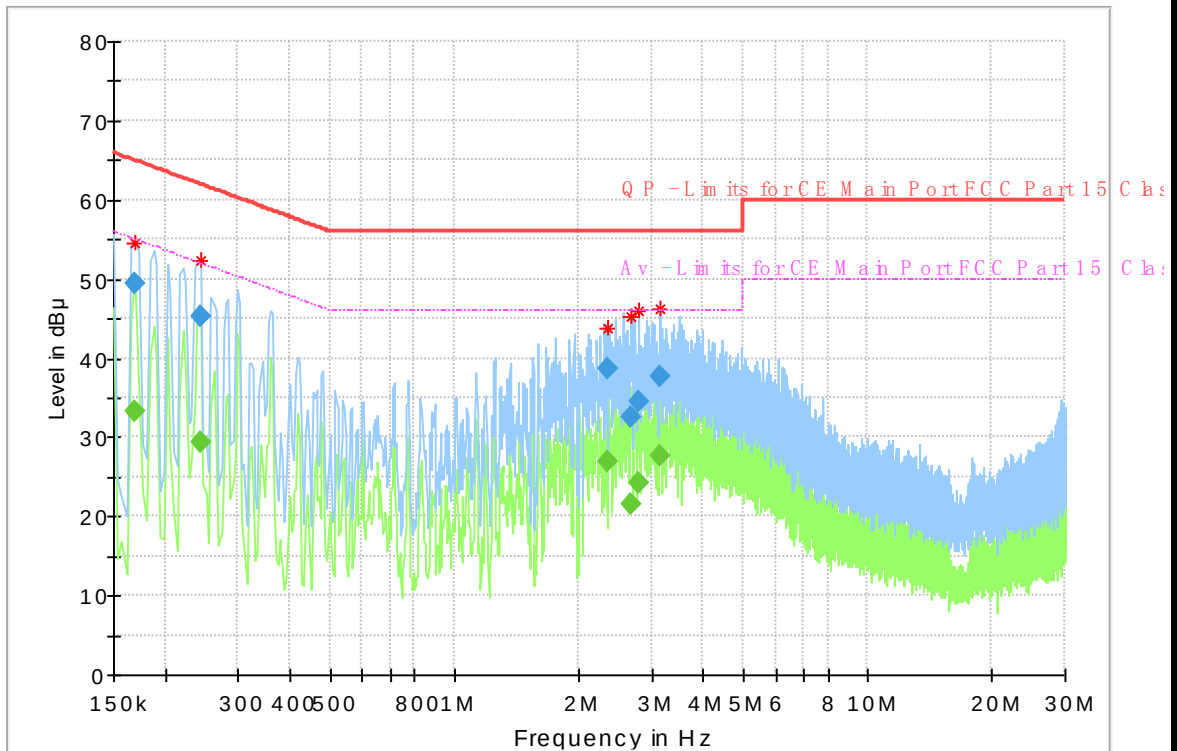
The measurement uncertainty is 3.66dB (k=2).

Test Results

Mode 1:Adapter charging(N02)

Frequency Range:

150kHz – 30MHz



Frequency (MHz)	QuasiPeak (dBμ V)	Average (dBμ V)	Limit (dBμ V)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.168656	49.51	---	65.03	15.51	15000.	9.000	N	ON	9.7
0.168656	---	33.38	55.03	21.64	15000.	9.000	N	ON	9.7
0.243281	---	29.40	51.98	22.59	15000.	9.000	N	ON	9.7
0.243281	45.22	---	61.98	16.77	15000.	9.000	N	ON	9.7
2.362631	38.61	---	56.00	17.39	15000.	9.000	L1	ON	9.7
2.362631	---	26.93	46.00	19.07	15000.	9.000	L1	ON	9.7
2.687250	---	21.60	46.00	24.40	15000.	9.000	N	ON	9.7
2.687250	32.51	---	56.00	23.49	15000.	9.000	N	ON	9.7
2.799188	---	24.30	46.00	21.70	15000.	9.000	N	ON	9.7
2.799188	34.57	---	56.00	21.43	15000.	9.000	N	ON	9.7
3.135000	---	27.57	46.00	18.43	15000.	9.000	N	ON	9.7
3.135000	37.63	---	56.00	18.37	15000.	9.000	N	ON	9.7

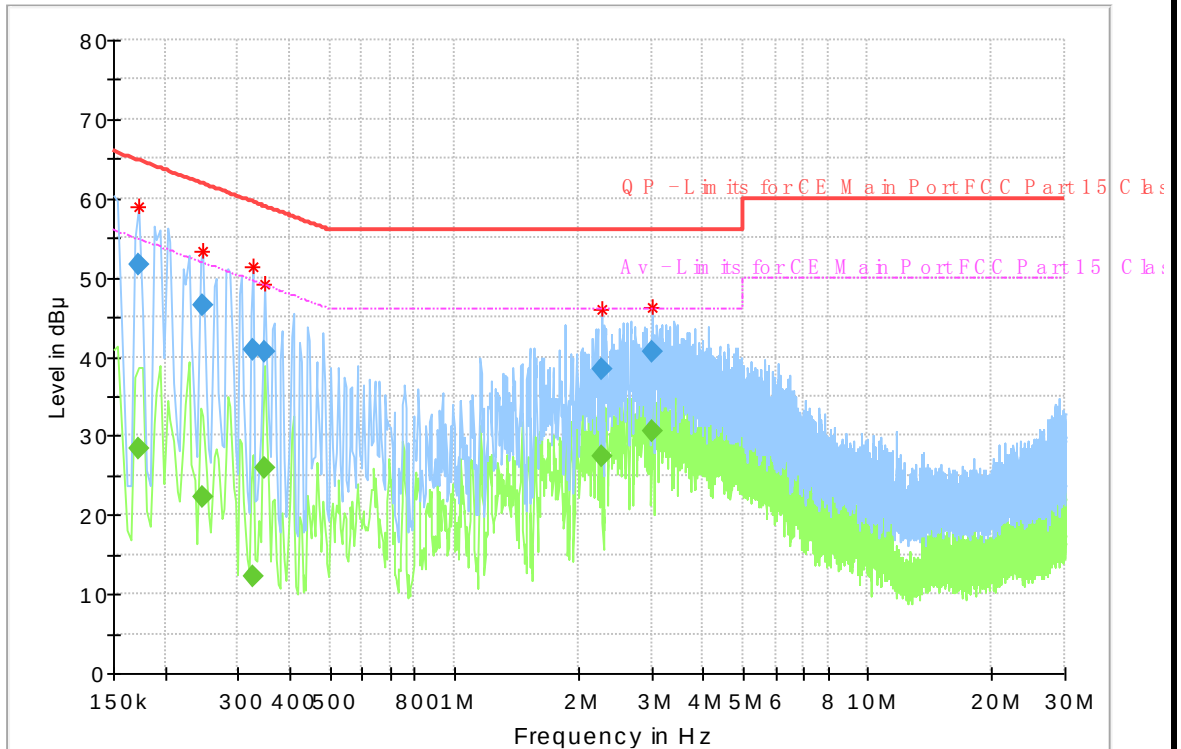
Note:

- 1.Emission level(quasi-peak or Average peak)=Raw value by receiver + Corr(Insertion loss+ cable loss)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.
- 4.L1 and N line is all have been tested, the result of them is synthesized in the above data diagram.

Mode 1: Adapter charging(N05)

Frequency Range:

150kHz – 30MHz



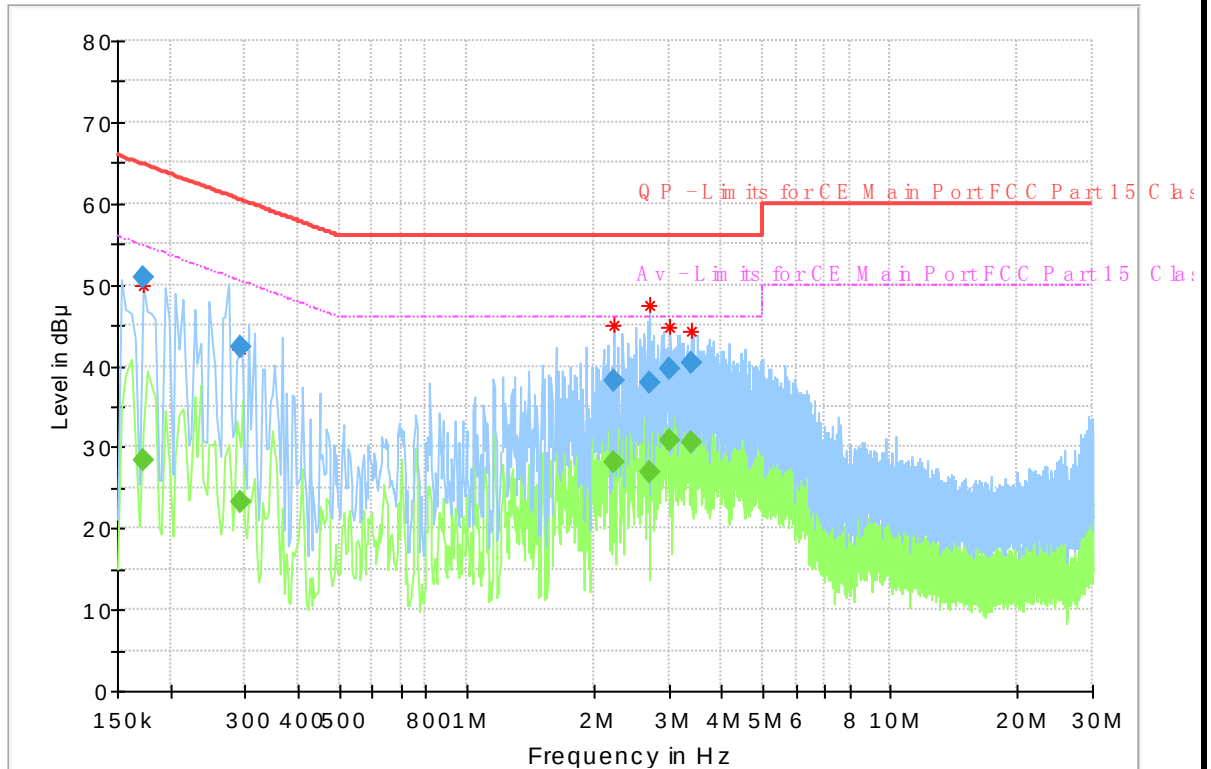
Frequency (MHz)	QuasiPeak (dBμ V)	Average (dBμ V)	Limit (dBμ V)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.172388	51.74	---	64.85	13.10	15000.	9.000	N	ON	9.7
0.172388	---	28.31	54.85	26.54	15000.	9.000	N	ON	9.7
0.247013	---	22.27	51.86	29.59	15000.	9.000	N	ON	9.7
0.247013	46.44	---	61.86	15.41	15000.	9.000	N	ON	9.7
0.325369	40.88	---	59.57	18.69	15000.	9.000	N	ON	9.7
0.325369	---	12.12	49.57	37.45	15000.	9.000	N	ON	9.7
0.347756	40.53	---	59.02	18.48	15000.	9.000	N	ON	9.7
0.347756	---	26.03	49.02	22.99	15000.	9.000	N	ON	9.7
2.276813	38.31	---	56.00	17.69	15000.	9.000	N	ON	9.7
2.276813	---	27.37	46.00	18.63	15000.	9.000	N	ON	9.7
3.015600	---	30.48	46.00	15.52	15000.	9.000	L1	ON	9.7
3.015600	40.50	---	56.00	15.50	15000.	9.000	L1	ON	9.7

Note:

- 1.Emission level(quasi-peak or Average peak)=Raw value by receiver + Corr(Insertion loss+ cable loss)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.
- 4.L1 and N line is all have been tested, the result of them is synthesized in the above data diagram.

Mode 1:Adapter charging(N06)

Frequency Range: 150kHz – 30MHz



Frequency (MHz)	QuasiPeak (dBu V)	Average (dBu V)	Limit (dBu V)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.172388	50.96	---	64.85	13.88	15000.0	9.000	N	ON	9.7
0.172388	---	28.29	54.85	26.55	15000.0	9.000	N	ON	9.7
0.291788	42.22	---	60.47	18.25	15000.0	9.000	N	ON	9.7
0.291788	---	23.21	50.47	27.26	15000.0	9.000	N	ON	9.7
2.220844	38.15	---	56.00	17.85	15000.0	9.000	N	ON	9.7
2.220844	---	28.06	46.00	17.94	15000.0	9.000	N	ON	9.7
2.690981	37.96	---	56.00	18.04	15000.0	9.000	N	ON	9.7
2.690981	---	26.79	46.00	19.21	15000.0	9.000	N	ON	9.7
3.026794	---	30.72	46.00	15.28	15000.0	9.000	L1	ON	9.7
3.026794	39.54	---	56.00	16.46	15000.0	9.000	L1	ON	9.7
3.381263	---	30.51	46.00	15.49	15000.0	9.000	L1	ON	9.7
3.381263	40.47	---	56.00	15.53	15000.0	9.000	L1	ON	9.7

Note:

- 1.Emission level(quasi-peak or Average peak)=Raw value by receiver + Corr(Insertion loss+ cable loss)
- 2.The raw value is used to calculate by software which is not shown in the sheet.
- 3.Margin=limit value – emission level.
- 4.L1 and N line is all have been tested, the result of them is synthesized in the above data diagram.

*****END OF REPORT*****