



# TEST REPORT

No. B23N00005-RSE-BT

for

**HONOR Device Co., Ltd.**

**Smart Phone**

**Model Name: RBN-NX3**

with

**Hardware Version: HN1RBNM**

**Software Version: 6.1.0.100 (C900E100R1P1)**

**FCC ID: 2AYGCRBN-NX3**

**Issued Date: 2023-02-17**

**Designation Number: CN1210**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

**Test Laboratory:**

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No. B23N00005-RSE-BT

## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
B23N00005-RSE-BT	Rev.0	1st edition	2023-02-17

Note: the latest revision of the test report supersedes all previous versions.

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## 1. Summary of Test Report

### 1.1. Test Items

Description	Smart Phone
Model Name	RBN-NX3
Applicant's name	HONOR Device Co., Ltd.
Manufacturer's Name	HONOR Device Co., Ltd.

### 1.2. Test Standards

FCC Part15-2021; ANSI C63.10-2013.

### 1.3. Test Result

**Pass**

Please refer to "5.2.Test Results"

### 1.4. Testing Location

Address: EMC Laboratory, Building G, Shenzhen International Innovation Center, No.1006  
Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China

### 1.5. Project data

Testing Start Date:	2023-01-10
Testing End Date:	2022-02-10

### 1.6. Signature

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Huang Kaiyang  
(Prepared this test report)

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Huang Yuqing  
(Reviewed this test report)

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Cao Junfei  
(Approved this test report)



No. B23N00005-RSE-BT

## **2. Client Information**

### **2.1. Applicant Information**

Company Name: HONOR Device Co., Ltd.  
Address: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China

### **2.2. Manufacturer Information**

Company Name: HONOR Device Co., Ltd.  
Address: Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China



### **3. Equipment Under Test (EUT) and Ancillary Equipment (AE)**

#### **3.1. About EUT**

Description	Smart Phone
Model Name	RBN-NX3
Frequency Band	ISM 2400MHz~2483.5MHz
Equipment type	Bluetooth® BR/EDR
Type of Modulation	GFSK/π/4 DQPSK/8DPSK
Number of Channels	79
Antenna Type	Integrated antenna
Power Supply	3.87V DC by Battery
FCC ID	2AYGCRBN-NX3
Condition of EUT as received	No abnormality in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

#### **3.2. Internal Identification of EUT used during the test**

EUT ID*	SN or IMEI	HW Version	SW Version	Date of Receipt
UT01aa	861571060013230	HN1RBNM	6.1.0.100 (C900E100R1P1)	2023-01-06
UT03aa	861571060012547	HN1RBNM	6.1.0.100 (C900E100R1P1)	2023-01-06

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

UT05aa is used for radiation test, and UT03aa is used for AC Power line Conducted Emission test.

#### **3.3. Internal Identification of AE used during the test**

AE No.	Description	AE ID*
AE1	Battery	
AE2	Charger	
AE3	USB Cable	
AE4	Headset	

##### **AE1-1**

Model	HB496590EFW
Manufacturer	Honor Device Co., Ltd.(SCUD)
Capacity	4900mAh
Nominal Voltage	3.87 V

##### **AE1-2**

Model	HB496590EFW-F
Manufacturer	Honor Device Co., Ltd.(SCUD)
Capacity	4900mAh
Nominal Voltage	3.87 V

##### **AE1-3**



No. B23N00005-RSE-BT

Model	HB496590EFW
Manufacturer	Honor Device Co., Ltd.( NVT)
Capacity	4900mAh
Nominal Voltage	3.87 V
AE1-4	
Model	HB496590EFW-F
Manufacturer	Honor Device Co., Ltd.( NVT)
Capacity	4900mAh
Nominal Voltage	3.87 V
AE2-1	
Model	HN-100225E00
Manufacturer	Honor Device Co., Ltd. (Factory: Salcomp)
AE2-2	
Model	HN-100225U00
Manufacturer	Honor Device Co., Ltd. (Factory: Salcomp)
AE2-3	
Model	HN-100225B00
Manufacturer	Honor Device Co., Ltd. (Factory: Salcomp)
AE2-4	
Model	HN-100225E00
Manufacturer	Honor Device Co., Ltd. (Factory: Huntkey)
AE2-5	
Model	HN-100225U00
Manufacturer	Honor Device Co., Ltd. (Factory: Huntkey)
AE2-6	
Model	HW-100225E00
Manufacturer	Honor Device Co., Ltd. (Factory: Huntkey)
AE2-7	
Model	HW-100225U00
Manufacturer	Honor Device Co., Ltd. (Factory: Huntkey)
AE2-8	
Model	HW-100225B00
Manufacturer	Honor Device Co., Ltd. (Factory: Huntkey)
AE2-9	
Model	HN-100225B00
Manufacturer	Honor Device Co., Ltd.



(Factory: Huntkey)

## AE3-1

Model CUDU01B-HC451 -EH  
Manufacturer Fuding Precision Components (Shenzhen) Co., Ltd.

## AE3-2

Model AU2-CRO013 HF  
Manufacturer Freeport Ji an Electronics Co.,Ltd.

## AE3-3

Model L125UC007-CS-H  
Manufacturer Luxshare Precision Industry Co.,Ltd.

## AE3-4

Model 2120-00001-0  
Manufacturer Guangdong Mingji Hi-Tech Electronics Co.,Ltd.

## AE3-5

Model RY0002  
Manufacturer Guangxi Broad Telecommunication Co.,Ltd.

## AE4-1

Model 1293-3283-3.5mm-339  
Manufacturer BOLUO COUNTY QUANCHENG ELECTRONIC CO.,LTD.

## AE4-2

Model EPAB542-2WH05-DH  
Manufacturer FOXCONN INTERCONNECT TECHNOLOGY LIMITED

## AE4-3

Model MEND1532B528C00  
Manufacturer Jiangxi Lianchuang Hongsheng Electronic Co., LTD.

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

AE: ancillary equipment.

AE2: The circuit boards of AE2-2 and AE2-3 are the same, the circuit boards of AE2-5 and AE2-9 are the same, the circuit boards of AE2-7 and AE2-8 are the same.

### 3.4. EUT Set-ups

EUT set-up No.	Combination of EUT and AE	Remarks
Set.1	EUT+AE1-1+AE2-1+AE3-1+AE4-1	
Set.2	EUT+AE1-1+AE2-2+AE3-2+AE4-2	
Set.3	EUT+AE1-1+AE2-4+AE3-3+AE4-3	
Set.4	EUT+AE1-1+AE2-5+AE3-4+AE4-1	
Set.5	EUT+AE1-1+AE2-6+AE3-1+AE4-2	
Set.6	EUT+AE1-1+AE2-7+AE3-2+AE4-3	





### **3.5. General Description**

The Equipment under Test (EUT) is a model of Smart Phone with integrated antenna and battery.

It consists of normal options: Battery, Charger, USB Cable and Headset.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.



## **4. Reference Documents**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

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

<b>Reference</b>	<b>Title</b>	<b>Version</b>
FCC Part 15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902–928MHz, 2400–2483.5 MHz, and 5725–5850 MHz	2021
ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices	2013

## 5. Test Results

### 5.1. Testing Environment

Normal Temperature: 15~35°C

Relative Humidity: 20~75%

### 5.2. Test Results

No	Test cases	Sub-clause of Part 15C	Verdict
1	Radiated Emission	15.247,15.205,15.209	<b>P</b>
2	AC Power line Conducted Emission	15.107,15.207	<b>P</b>

See **ANNEX A** for details.

### 5.3. Statements

SAICT has evaluated the test cases requested by the applicant/manufacture as listed in section 5.2 of this report, for the EUT specified in section 3, according to the standards or reference documents listed in section 4.2.

Disclaimer:

A. After confirmation with the customer, the sample information provided by the customer may affect the validity of the measurement results in this report, and the impact and consequences arising therefrom shall be borne by the customer.

B. The samples in this report are provided by the customer, and the test results are only applicable to the samples received.

## 6. Measuring Apparatus Utilized

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date	Calibration Period
1	Test Receiver	ESR7	101676	Rohde & Schwarz	2023-11-23	1 year
2	BiLog Antenna	3142E	0224831	ETS-Lindgren	2024-05-27	3 years
3	Horn Antenna	3117	00066577	ETS-Lindgren	2025-04-17	3 years
4	Anechoic Chamber	FACT3-2.0	1285	ETS-Lindgren	2023-05-29	2 years
5	Spectrum Analyzer	FSV40	101192	Rohde & Schwarz	2024-01-11	1 year
6	Loop Antenna	HLA6120	35779	TESEQ	2025-05-10	3 years
7	Horn Antenna	QSH-SL-1 8-26-S-20	17013	Q-par	2026-01-30	3 years
8	Test Receiver	ESCI	100702	Rohde & Schwarz	2024-01-11	1 year
9	LISN	ENV216	102067	Rohde & Schwarz	2023-07-14	1 year

### Test software

No.	Equipment	Manufacturer	Version
1	EMC32	Rohde & Schwarz	10.50.40

EUT is engineering software provided by the customer to control the transmitting signal.

The EUT was programmed to be in continuously transmitting mode.

## 7. Laboratory Environment

**Shielded room** did not exceed following limits along the EMC testing:

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz > 60 dB; 1MHz-18000MHz > 90 dB
Electrical insulation	> 2M $\Omega$
Ground system resistance	< 4 $\Omega$

**Anechoic chamber (FACT3-2.0)** did not exceed following limits along the EMC testing:

9.10m×6.10m×5.60m (L×W×H)

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014MHz-1MHz > 60 dB; 1MHz-18000MHz > 90 dB
Electrical insulation	> 2M $\Omega$
Ground system resistance	< 4 $\Omega$
Normalised site attenuation (NSA)	< $\pm 4$ dB, 3 m distance, from 30 to 1000 MHz
Voltage Standing Wave Ratio (VSWR)	$\leq 6$ dB, from 1 to 18 GHz, 3 m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

**8. Measurement Uncertainty**

Test Name	Uncertainty ( $k=2$ )	
Radiated Emission	9kHz≤f<30MHz	1.79dB
	30MHz≤f<1GHz	4.86dB
	1GHz≤f<18GHz	4.82dB
	18GHz≤f≤40GHz	2.90dB
AC Power line Conducted Emission	150kHz≤f≤30MHz	2.62dB

## **ANNEX A: Detailed Test Results**

### **Test Configuration**

The measurement is made according to ANSI C63.10.

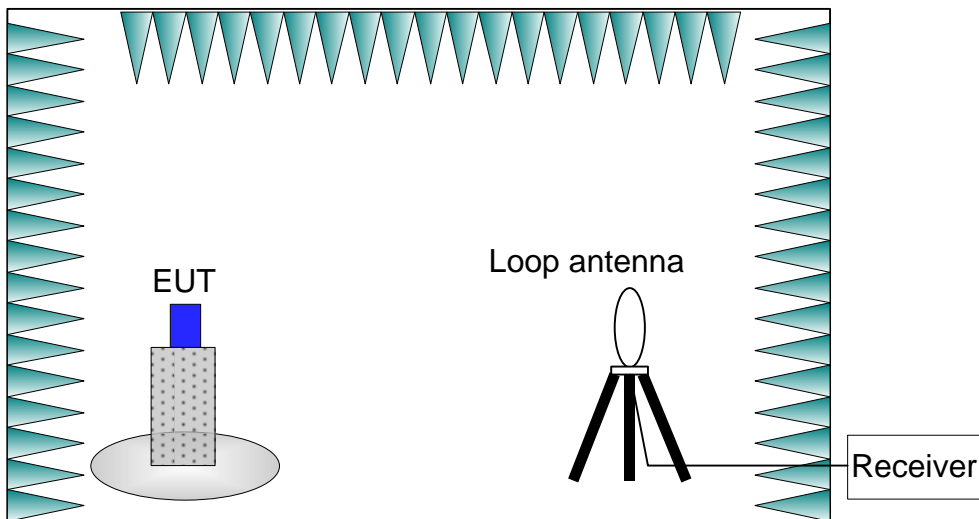
#### **1) Radiated Measurements**

##### **Test setup:**

##### **9kHz-30MHz:**

The EUT are measured in a anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The test setup refers to figure below.

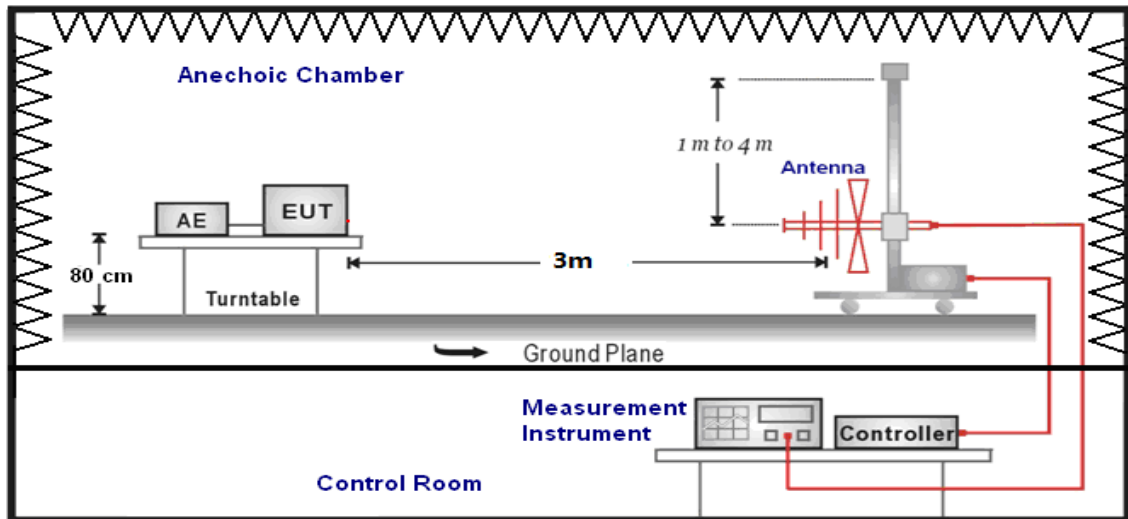
Detected emissions were maximized at each frequency by rotating the EUT and adjusting the receiver antenna polarization.



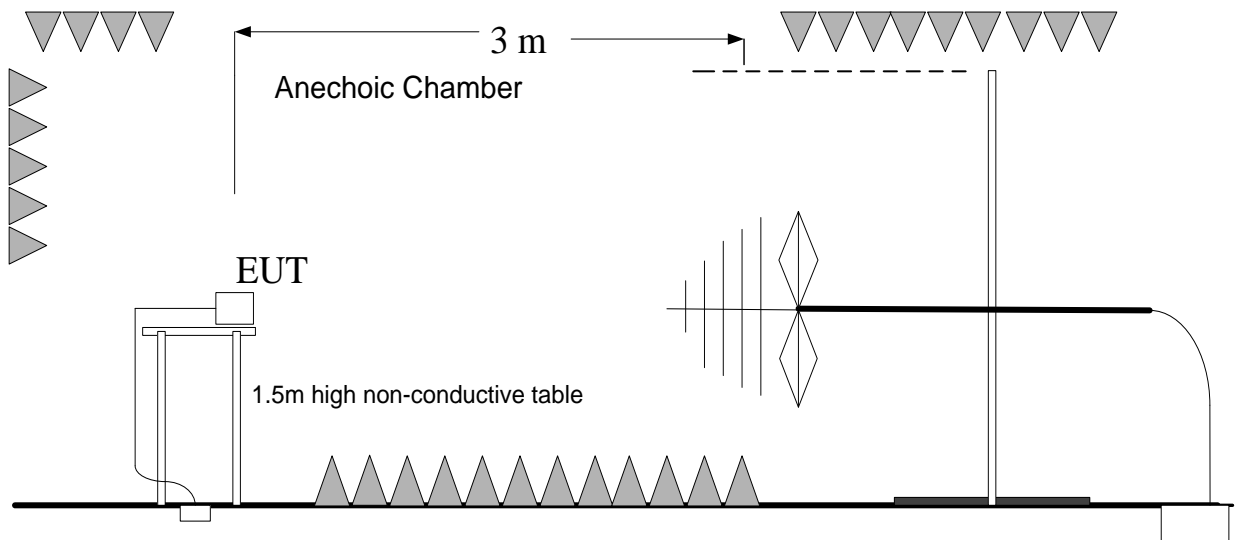
### 30MHz-26.5GHz:

The EUT are measured in a anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving antenna is 1.0 meter to 4.0 meter above the ground. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT and adjusting the receiver antenna polarization.

### 30MHz-1GHz:

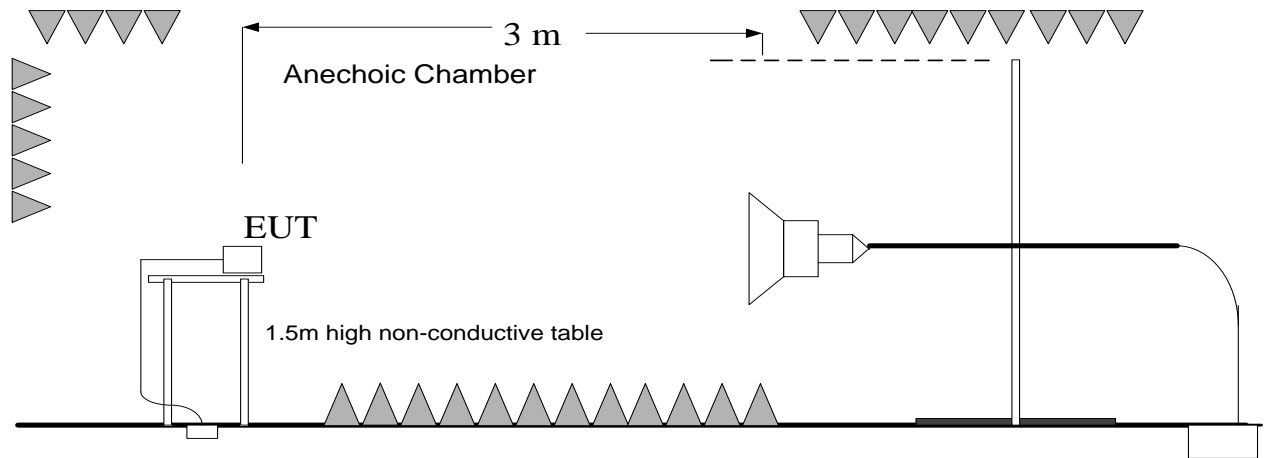


### 1GHz-3GHz:



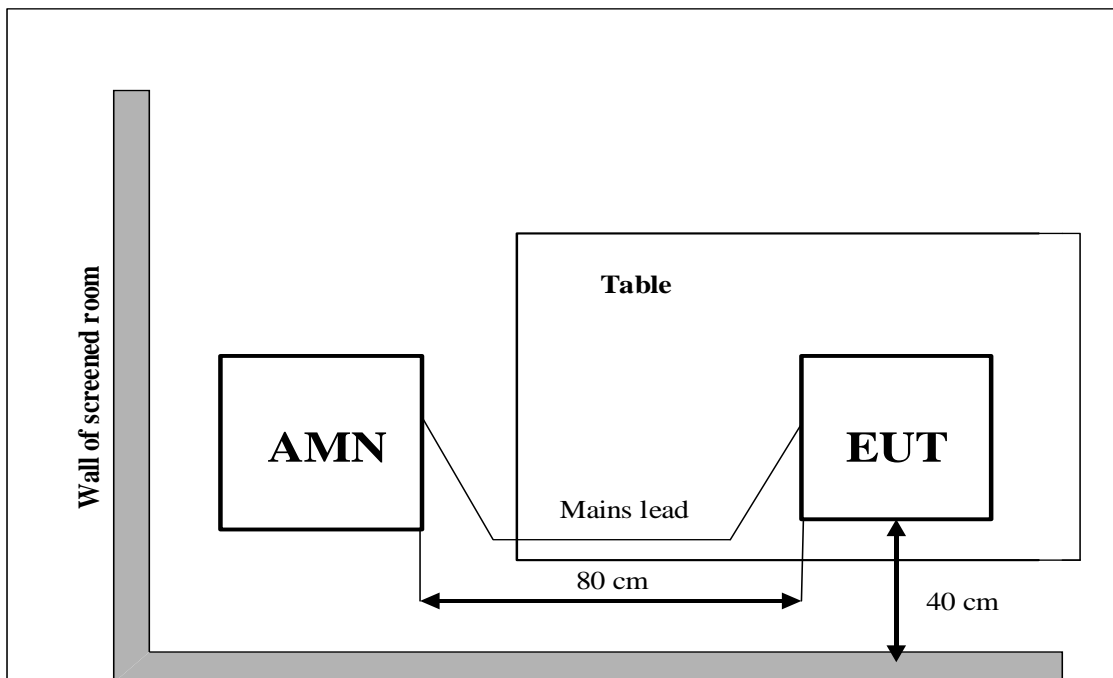


### 3GHz-26.5GHz:



### 2) AC Power line Conducted Emission Measurement

The EUT is working as Bluetooth terminal. A communication link of Bluetooth is set up with a System Simulator (SS). The EUT is commanded to operate at maximum transmitting power.



## A.1 Radiated Emission

**Method of Measurement:** See ANSI C63.10-clause 6.3&6.4&6.5&6.6.

**Measurement Limit:**

Standard	Limit (dBm)
FCC 47 CFR Part 15.247, 15.205, 15.209	20dBm below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

**Limit in restricted band:**

Frequency of emission (MHz)	Field strength( $\mu$ V/m)	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

**Test Condition:**

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	120kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

**Note 1:** According to the performance evaluation, the radiated emission margin of EUT is over 20dB in the band from 9kHz to 30MHz. Therefore, the measurement starts from 30MHz to tenth harmonic. The measurement results include the horizontal polarization and vertical polarization measurements. For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

**Note 2:** All the EUT set-ups in section 3.4 tests conditions are both been validated, and Set.1 is the worst result, showed in this report.

**Measurement Results:**

Mode	Frequency (MHz)	Frequency Range	Test Results	Conclusion
GFSK	2402(CH0)	1 GHz ~18 GHz	Fig.1	<b>P</b>
	2441(CH39)	1 GHz ~18 GHz	Fig.2	<b>P</b>
	2480(CH78)	1 GHz ~18 GHz	Fig.3	<b>P</b>
	Restricted Band(CH0)	2.38 GHz ~ 2.45 GHz	Fig.4	<b>P</b>
	Restricted Band (CH78)	2.45 GHz ~ 2.5 GHz	Fig.5	<b>P</b>
$\pi/4$ DQPSK	2402(CH0)	1 GHz ~18 GHz	Fig.6	<b>P</b>
	2441(CH39)	1 GHz ~18 GHz	Fig.7	<b>P</b>
	2480(CH78)	1 GHz ~18 GHz	Fig.8	<b>P</b>
	Restricted Band (CH0)	2.38 GHz ~ 2.45 GHz	Fig.9	<b>P</b>
	Restricted Band (CH78)	2.45 GHz ~ 2.5 GHz	Fig.10	<b>P</b>
8DPSK	2402(CH0)	1 GHz ~18 GHz	Fig.11	<b>P</b>
	2441(CH39)	1 GHz ~18 GHz	Fig.12	<b>P</b>
	2480(CH78)	1 GHz ~18 GHz	Fig.13	<b>P</b>
	Restricted Band (CH0)	2.38 GHz ~ 2.45 GHz	Fig.14	<b>P</b>
	Restricted Band (CH78)	2.45 GHz ~ 2.5 GHz	Fig.15	<b>P</b>
/	All channels	9 kHz ~30 MHz	Fig.16	<b>P</b>
		30 MHz ~1 GHz	Fig.17	<b>P</b>
		18 GHz ~26.5 GHz	Fig.18	<b>P</b>

**Worst Case Result**
**GFSK CH78 (1-18GHz)**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3948.000000	46.19	74.00	27.81	V	2.3
5286.000000	47.41	74.00	26.59	V	4.0
8822.571429	44.59	74.00	29.41	V	6.4
10381.714286	47.69	74.00	26.31	V	9.0
12518.571429	48.54	74.00	25.46	V	11.3
17894.142857	53.87	74.00	20.13	V	18.8

Frequency (MHz)	Average (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3948.000000	35.63	54.00	18.37	V	2.3
5286.000000	36.76	54.00	17.24	V	4.0
8822.571429	34.64	54.00	19.36	V	6.4
10381.714286	36.81	54.00	17.19	V	9.0
12518.571429	37.76	54.00	16.24	V	11.3
17894.142857	41.93	54.00	12.07	V	18.8

**$\pi/4$  DQPSK CH78 (1-18GHz)**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4441.200000	45.71	74.00	28.29	V	3.5
7006.285714	44.57	74.00	29.43	V	4.9
8939.571429	45.15	74.00	28.85	V	6.5
10466.142857	47.14	74.00	26.86	V	9.0
14584.714286	48.42	74.00	25.58	V	11.9
17934.428571	54.83	74.00	19.17	V	19.0

Frequency (MHz)	Average (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
4441.200000	35.69	54.00	18.31	V	3.5
7006.285714	34.18	54.00	19.82	V	4.9
8939.571429	34.92	54.00	19.08	V	6.5
10466.142857	36.64	54.00	17.36	V	9.0
14584.714286	38.22	54.00	15.78	V	11.9
17934.428571	42.41	54.00	11.59	V	19.0

**8DPSK CH0 (1-18GHz)**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3970.500000	45.78	74.00	28.22	H	2.1
5807.400000	47.71	74.00	26.29	V	4.5
8238.857143	45.10	74.00	28.90	V	5.9
10460.142857	48.40	74.00	25.60	H	9.0
13416.428572	47.84	74.00	26.16	H	11.5
17916.428571	54.69	74.00	19.31	H	18.9

Frequency (MHz)	Average (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Pol	Corr. (dB/m)
3970.500000	35.18	54.00	18.82	H	2.1
5807.400000	37.65	54.00	16.35	V	4.5
8238.857143	34.96	54.00	19.04	V	5.9
10460.142857	37.01	54.00	16.99	H	9.0
13416.428572	37.59	54.00	16.41	H	11.5
17916.428571	42.51	54.00	11.49	H	18.9

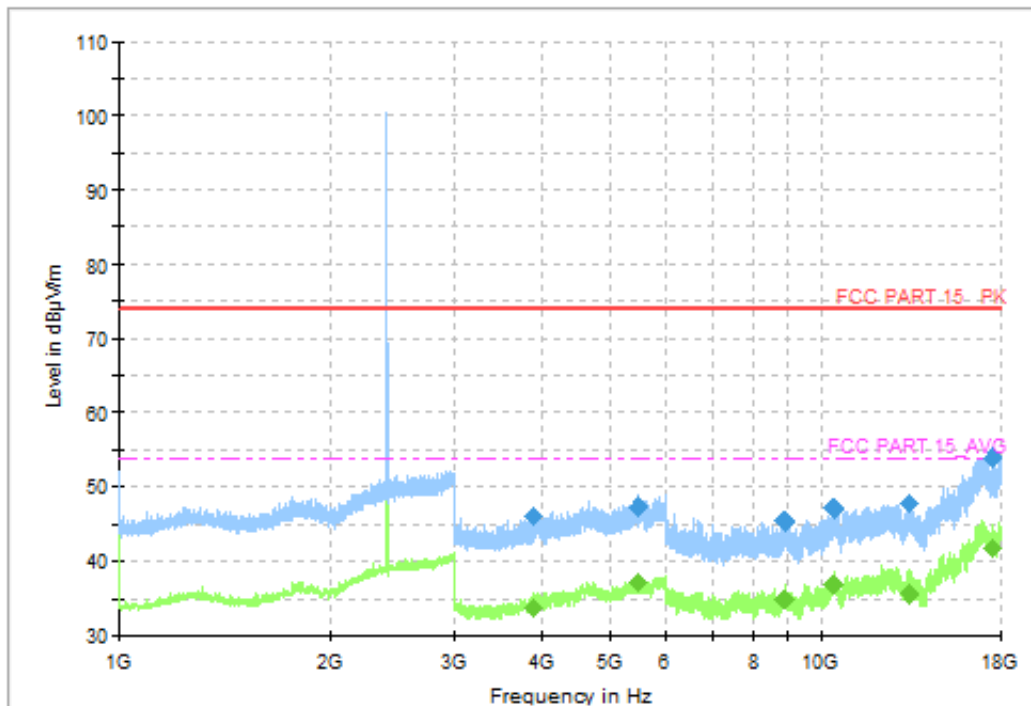
**Note:**

A "reference path loss" is established and the  $A_{Rpl}$  is the attenuation of "reference path loss", and Antenna Factor, the gain of the preamplifier, the cable loss.  $P_{Mea}$  is the field strength recorded from the instrument. The measurement results are obtained as described below:

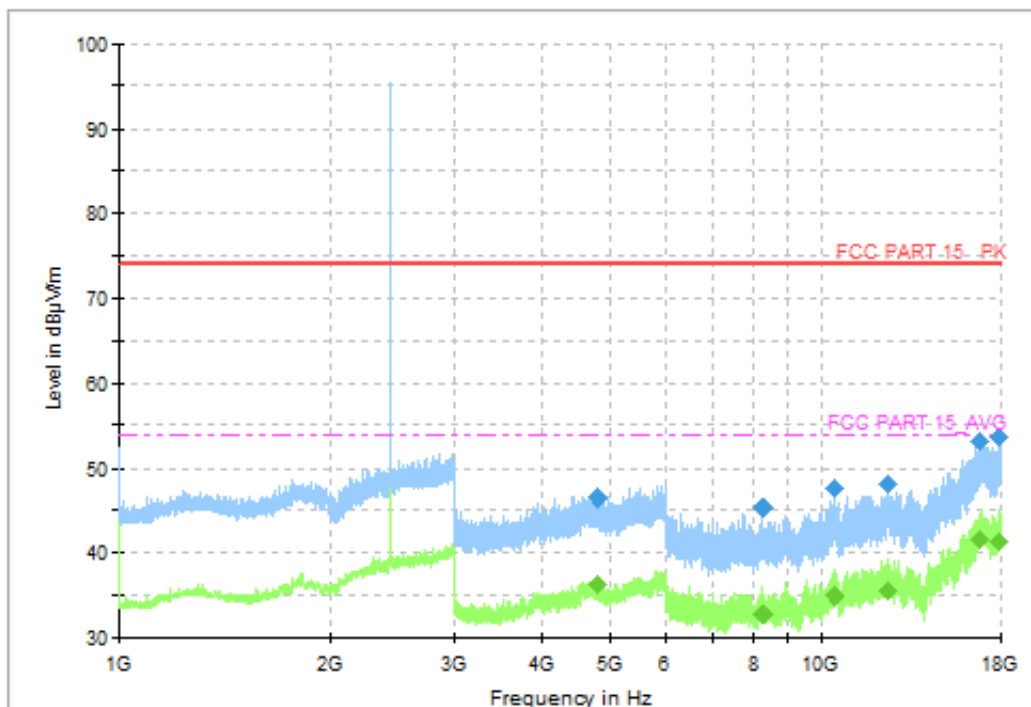
Result=  $P_{Mea}$  +Cable Loss +Antenna Factor-Gain of the preamplifier.

**See below for test graphs.**

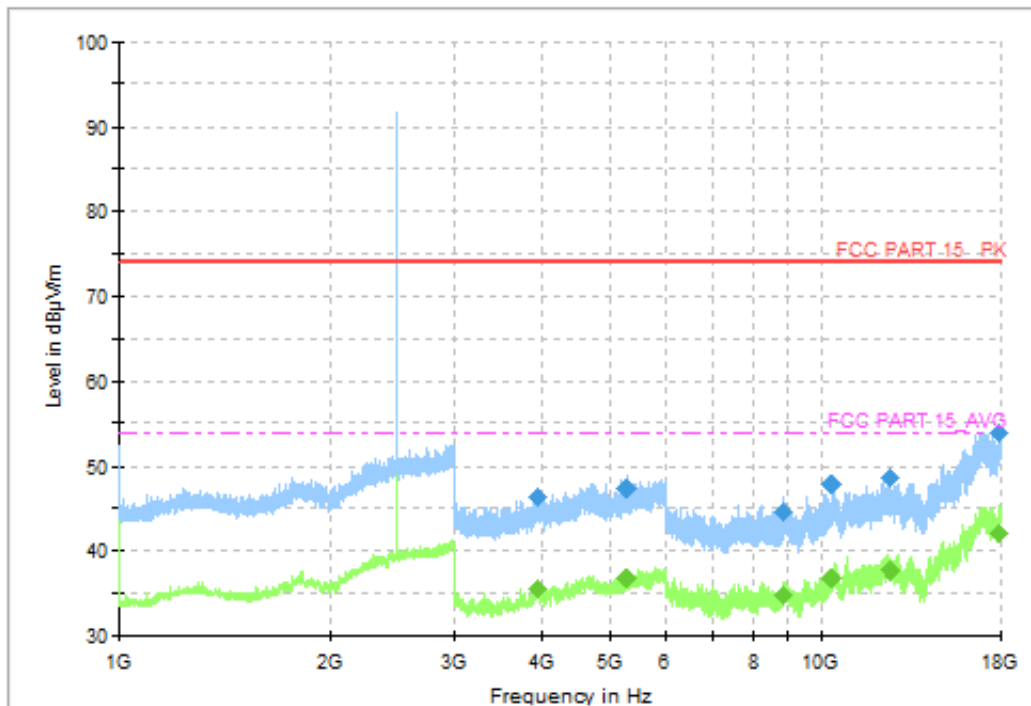
**Conclusion: Pass**



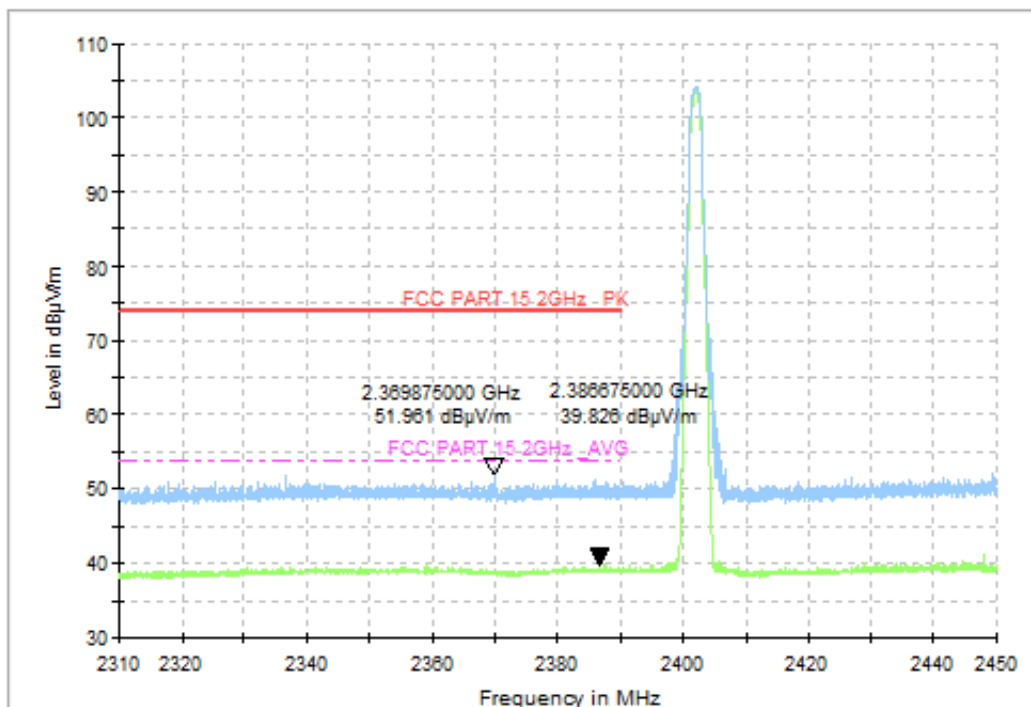
**Fig. 1 Radiated Spurious Emission (GFSK, CH0, 1GHz ~18GHz)**



**Fig. 2 Radiated Spurious Emission (GFSK, CH39, 1GHz ~18GHz)**



**Fig. 3 Radiated Spurious Emission (GFSK, CH78, 1GHz ~18GHz)**



**Fig. 4 Radiated Band Edges (GFSK, CH0, 2.38GHz~2.45GHz)**

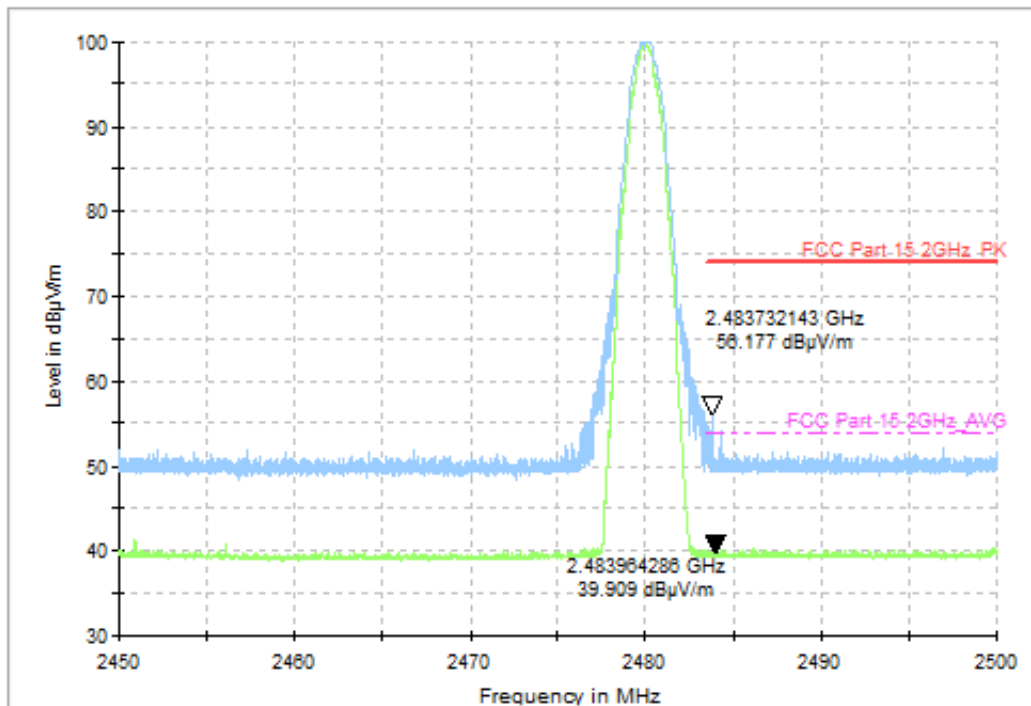


Fig. 5 Radiated Band Edges (GFSK, CH78, 2.45GHz~2.50GHz)

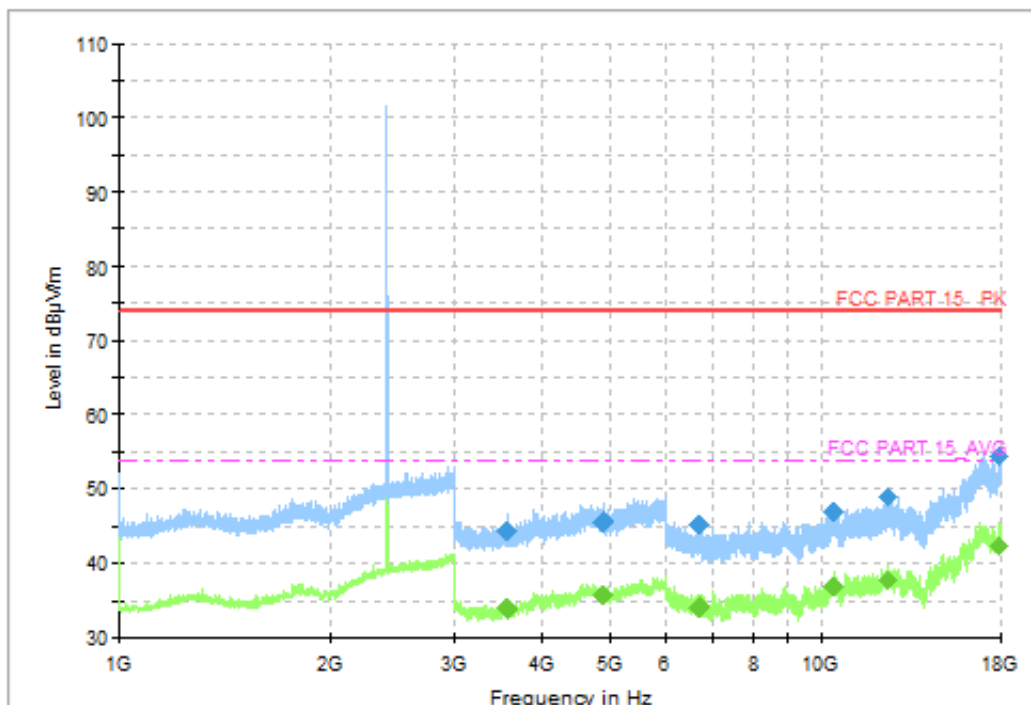
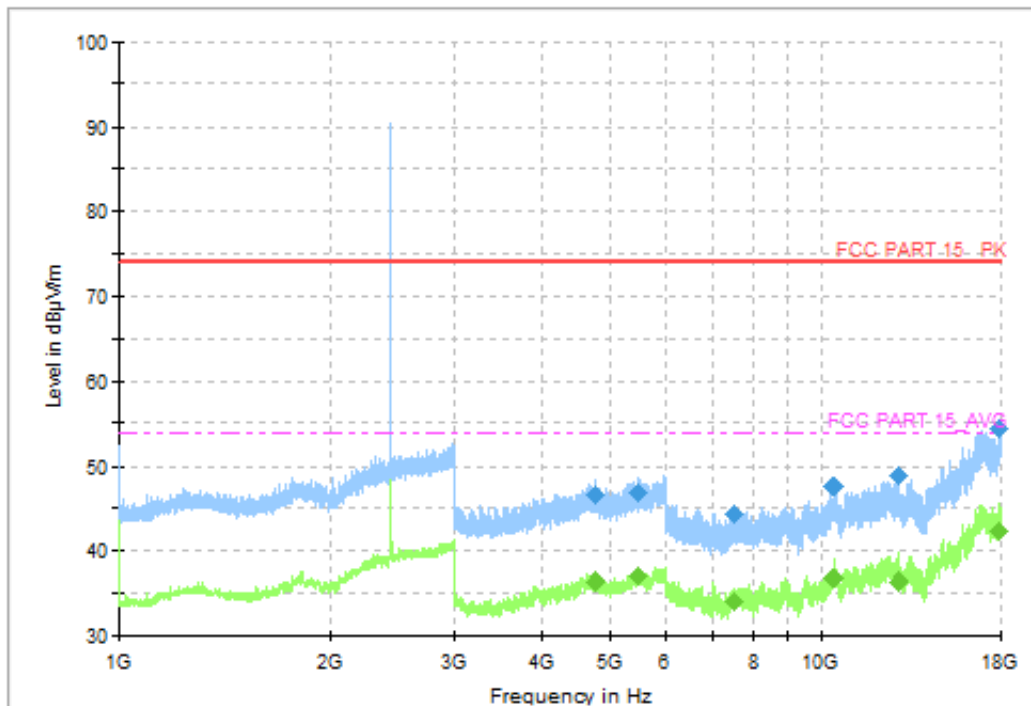
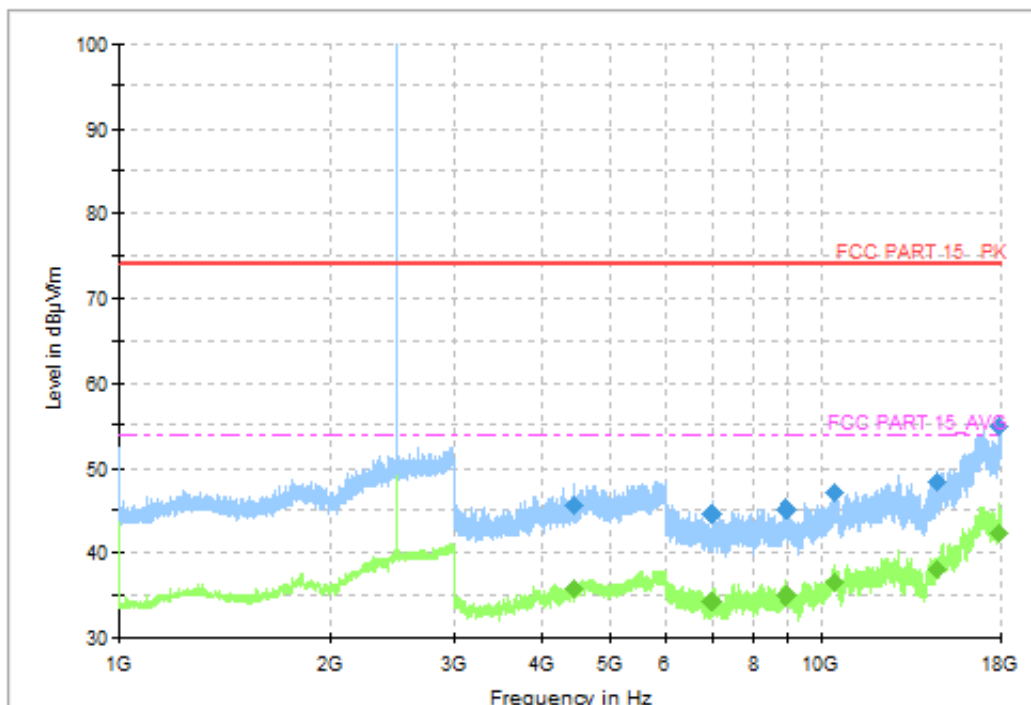


Fig. 6 Radiated Spurious Emission ( $\pi/4$  DQPSK, CH0, 1GHz ~18GHz)



**Fig. 7 Radiated Spurious Emission ( $\pi/4$  DQPSK, CH39, 1GHz ~18GHz)**



**Fig. 8 Radiated Spurious Emission ( $\pi/4$  DQPSK, CH78, 1GHz ~18GHz)**



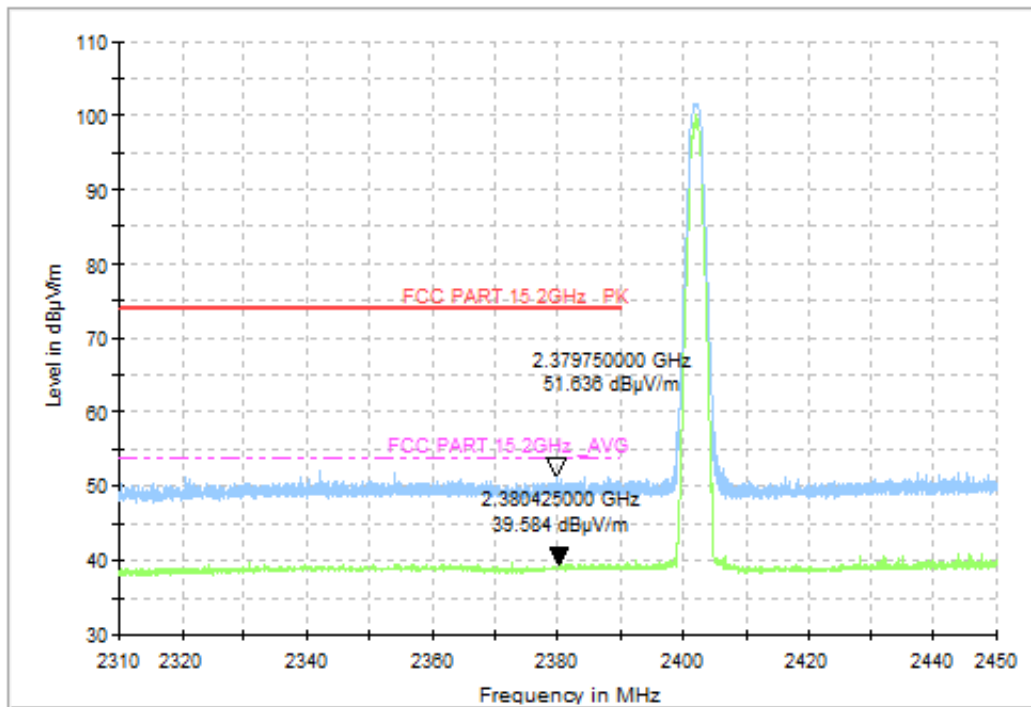


Fig. 9 Radiated Band Edges ( $\pi/4$  DQPSK, CH0, 2.38GHz~2.45GHz)

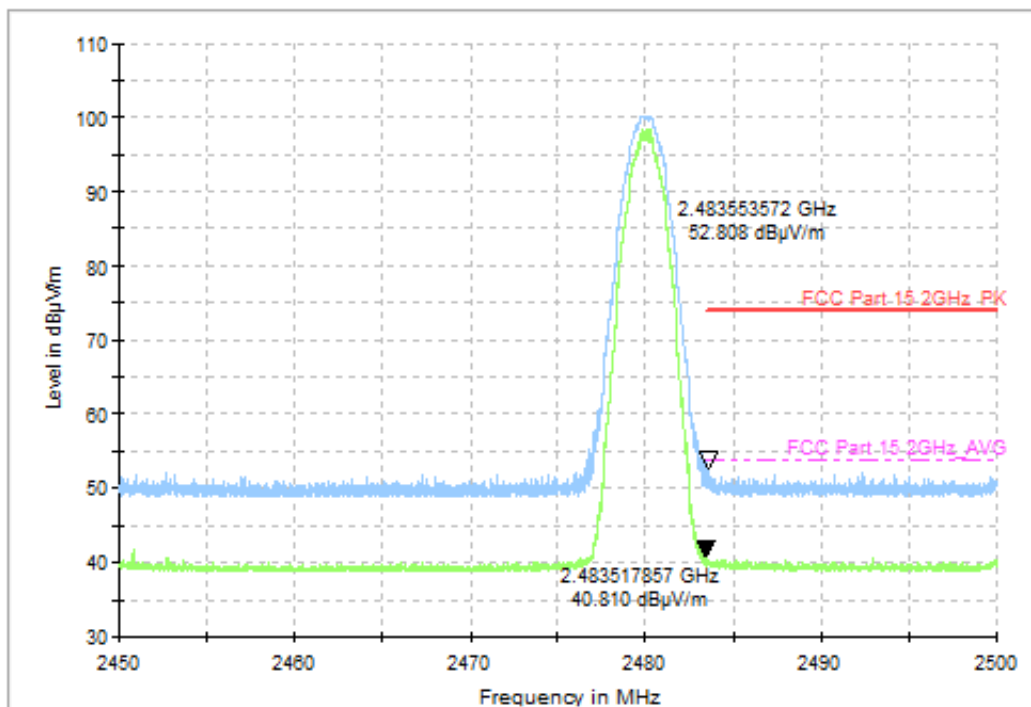
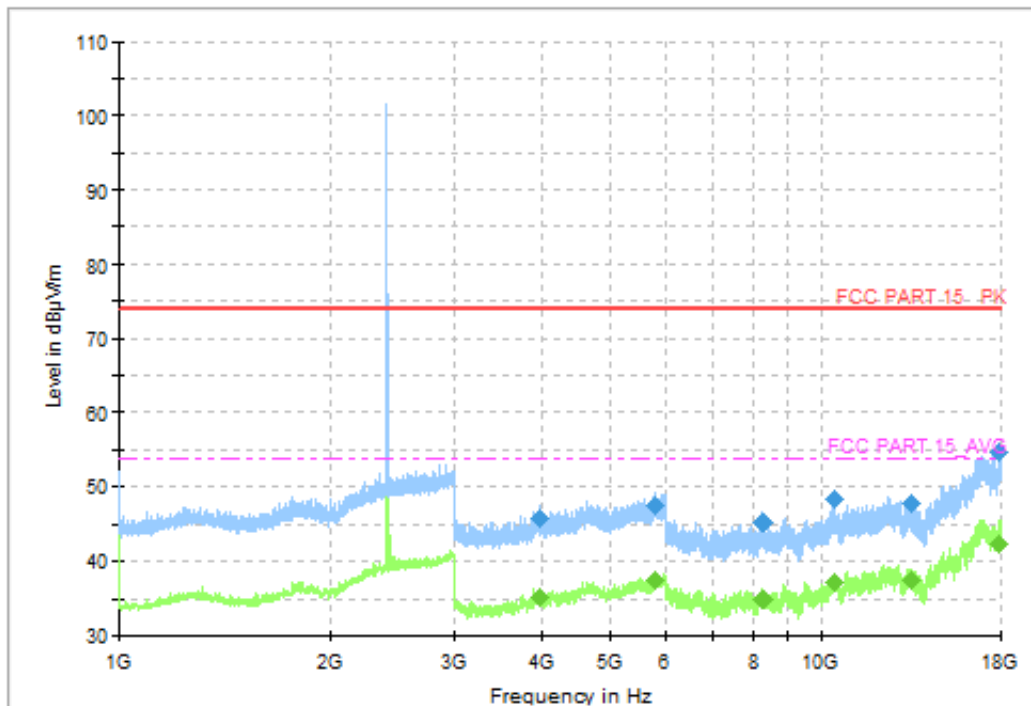
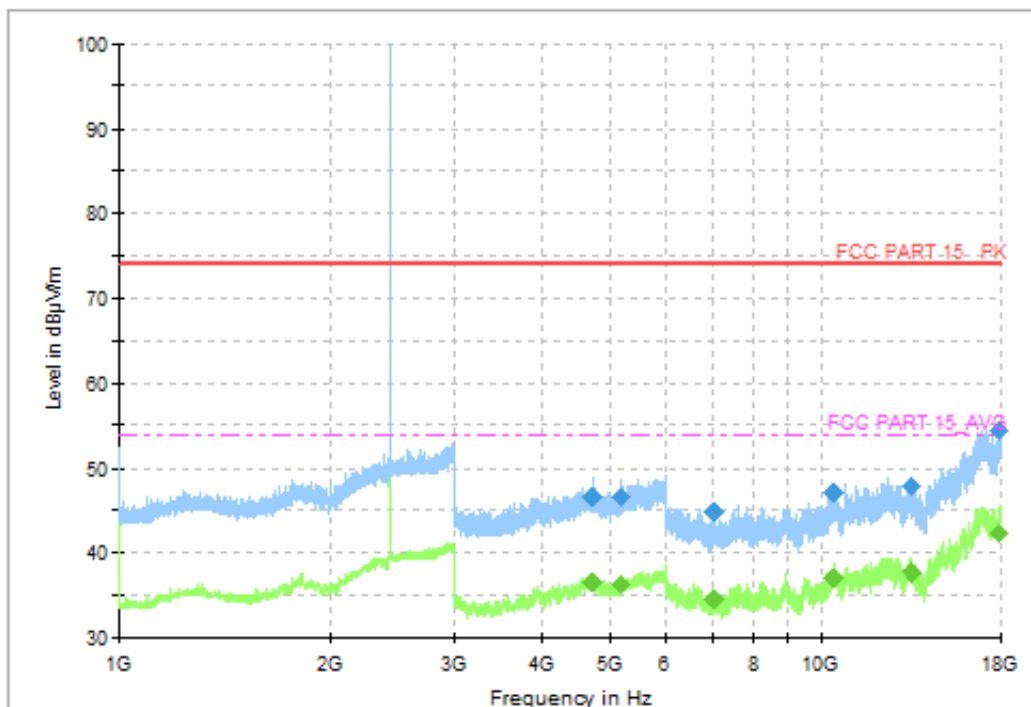


Fig. 10 Radiated Band Edges ( $\pi/4$  DQPSK, CH78, 2.45GHz~2.50GHz)



**Fig. 11 Radiated Spurious Emission (8DPSK, CH0, 1GHz ~18GHz)**



**Fig. 12 Radiated Spurious Emission (8DPSK, CH39, 1GHz ~18GHz)**

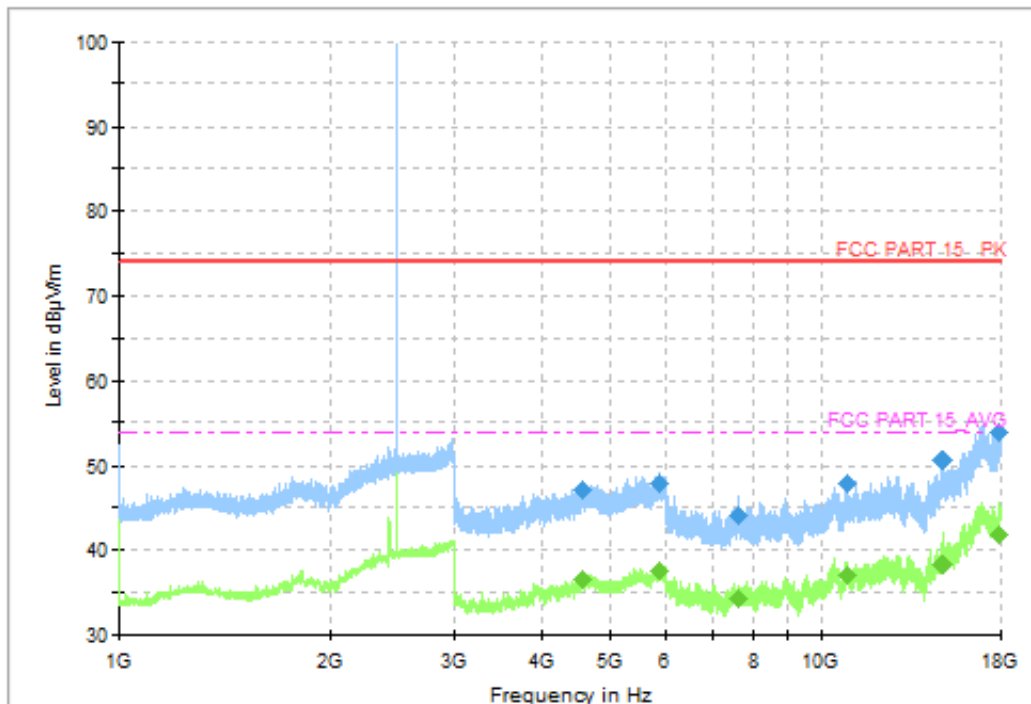


Fig. 13 Radiated Spurious Emission (8DPSK, CH78, 1GHz ~18GHz)

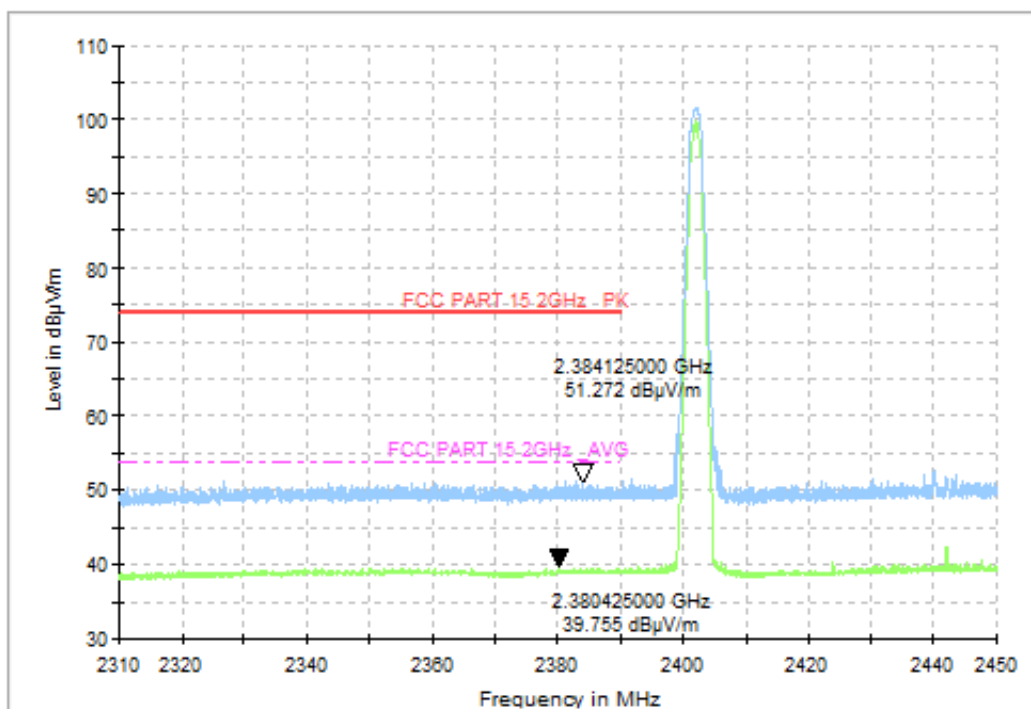


Fig. 14 Radiated Band Edges (8DPSK, CH0, 2.38GHz~2.45GHz)

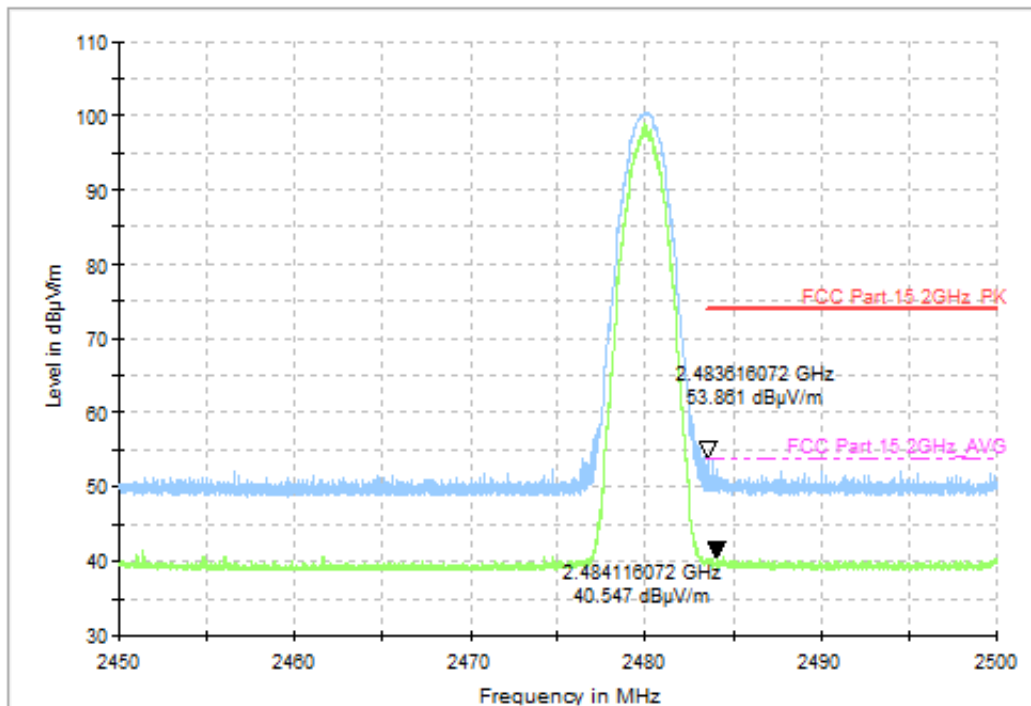


Fig. 15 Radiated Band Edges (8DPSK, CH78, 2.45GHz~2.50GHz)

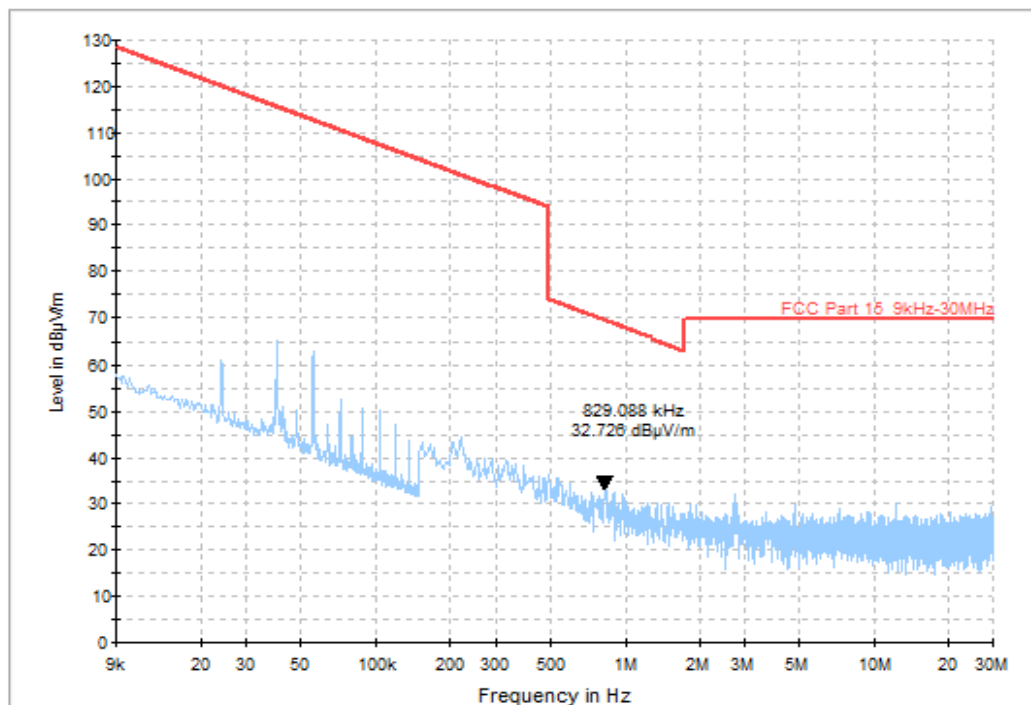


Fig. 16 Radiated Spurious Emission (All Channels, 9kHz ~30MHz)

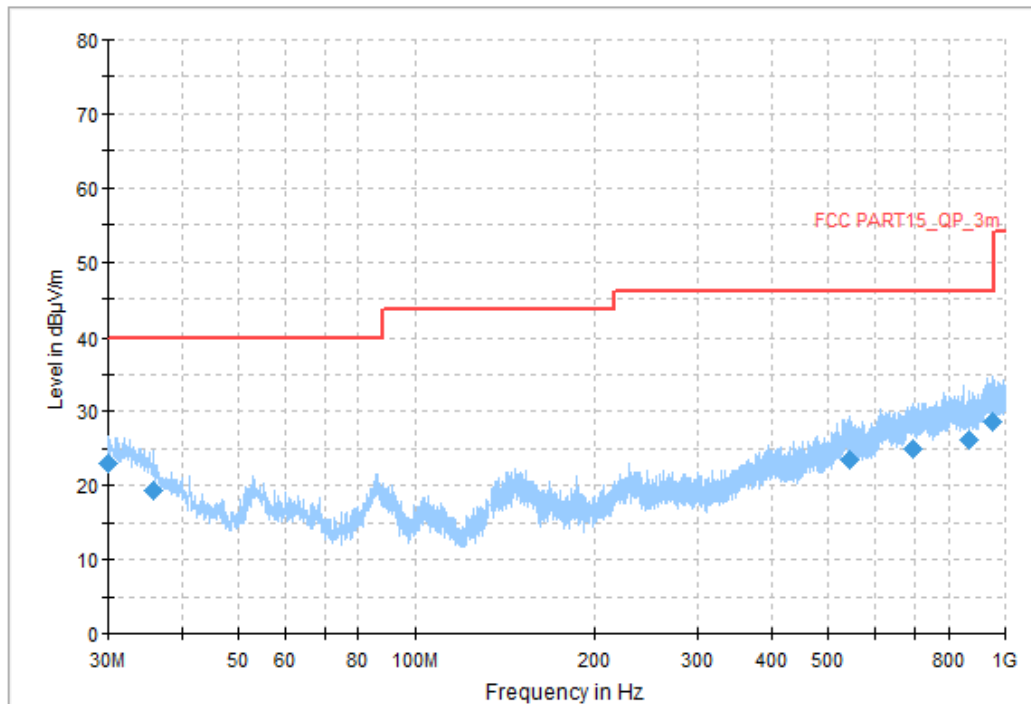


Fig. 17 Radiated Spurious Emission (All Channels, 30MHz ~1GHz)

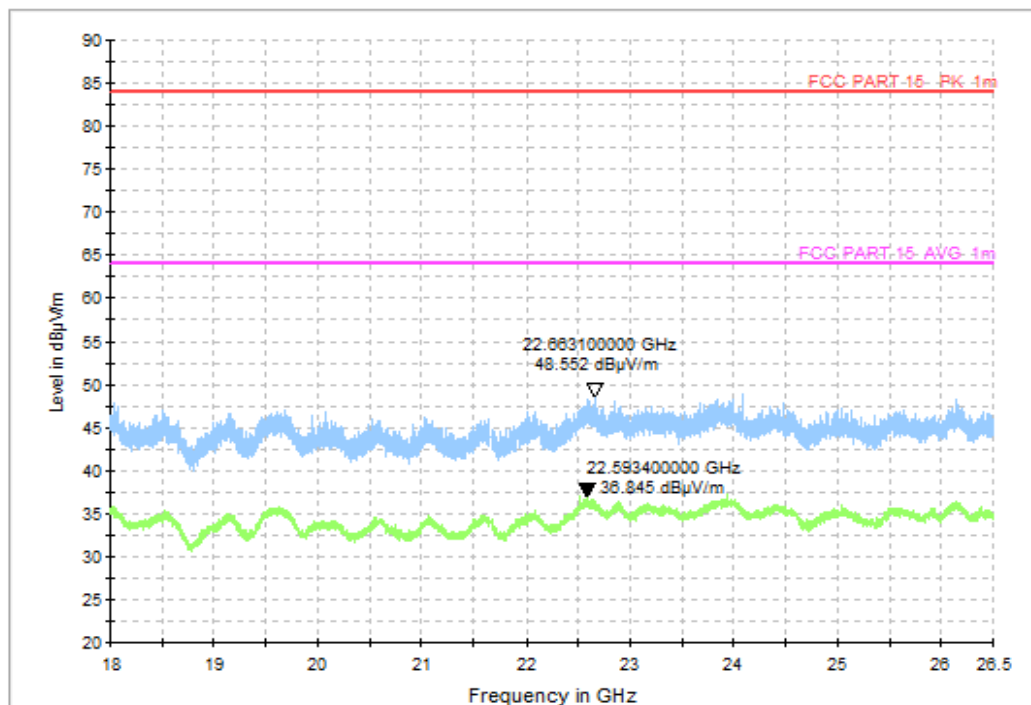


Fig. 18 Radiated Spurious Emission (All Channels, 18GHz ~26.5GHz)

**A.2 AC Power line Conducted Emission****Method of Measurement:** See ANSI C63.10-clause 6.2.**Test Condition:**

Voltage (V)	Frequency (Hz)
120	60

**Measurement Result and limit:****BT- AE2-1, AE3-1**

Frequency range (MHz)	Quasi-peak Limit (dB $\mu$ V)	Average-peak Limit (dB $\mu$ V)	Result (dB $\mu$ V)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.19	Fig.20	<b>P</b>
0.5 to 5	56	46			
5 to 30	60	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

**Note:** The measurement results include the L1 and N measurements.**See below for test graphs.****Conclusion: Pass**

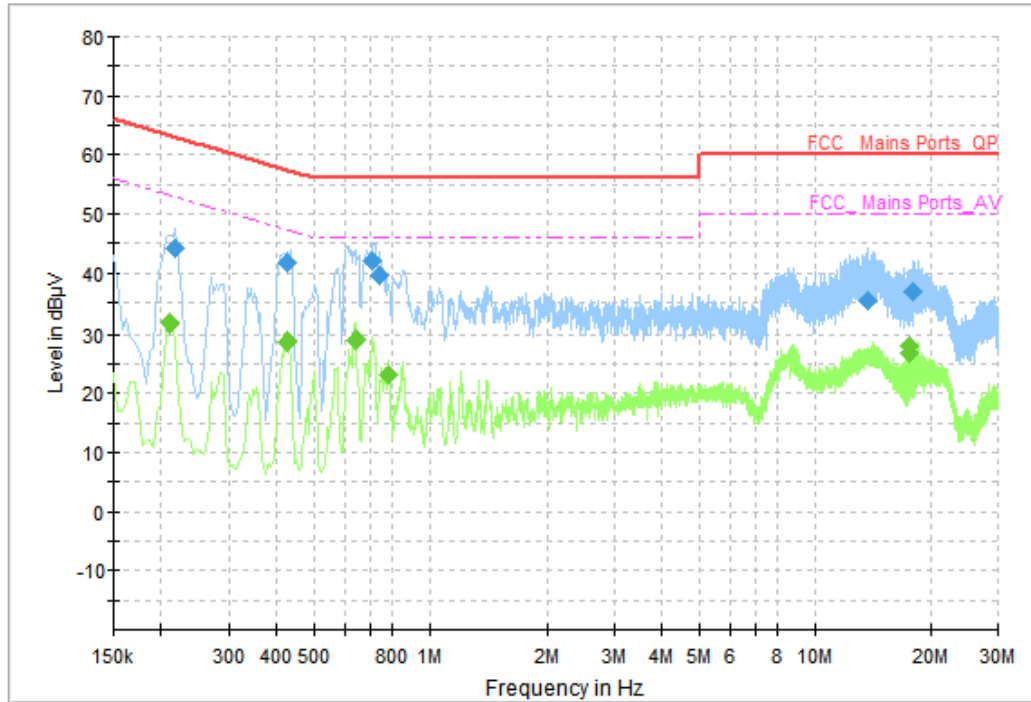


Fig. 19 AC Power line Conducted Emission (Traffic)

#### Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.218000	44.09	62.90	18.80	L1	ON	10
0.426000	41.70	57.33	15.63	L1	ON	10
0.710000	42.16	56.00	13.84	L1	ON	10
0.738000	39.76	56.00	16.24	L1	ON	10
13.746000	35.38	60.00	24.62	L1	ON	11
18.086000	37.02	60.00	22.98	L1	ON	10

#### Measurement Results: Average

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.210000	31.60	53.21	21.61	L1	ON	10
0.426000	28.75	47.33	18.58	L1	ON	10
0.642000	28.82	46.00	17.18	L1	ON	10
0.782000	23.27	46.00	22.73	L1	ON	10
17.590000	28.07	50.00	21.93	L1	ON	10
17.662000	26.81	50.00	23.19	L1	ON	10

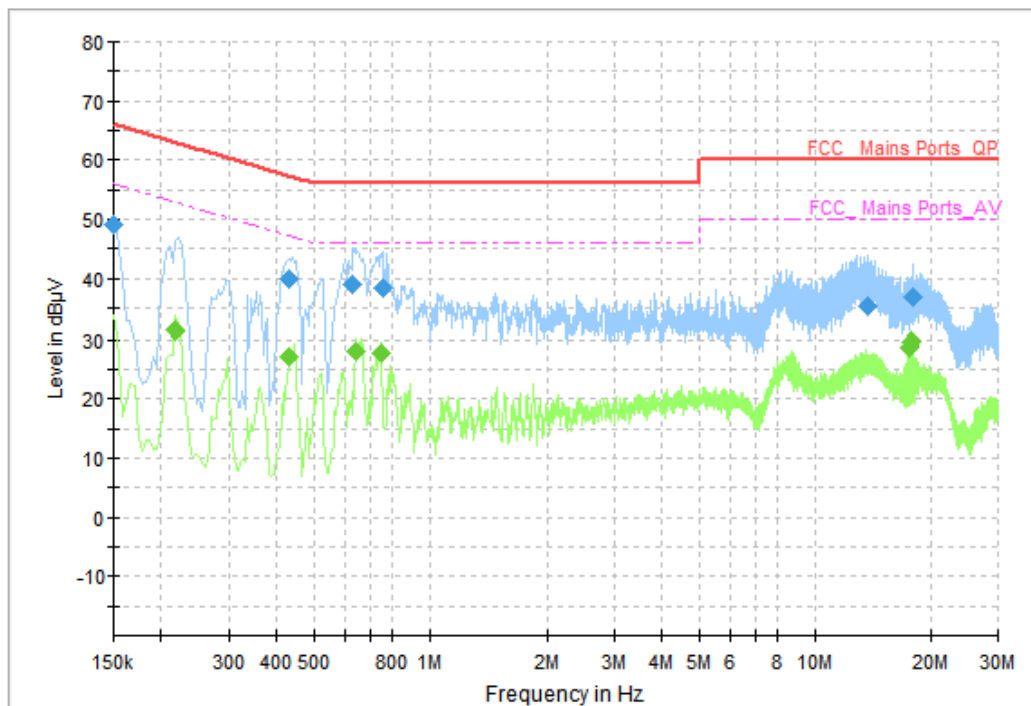


Fig. 20 AC Power line Conducted Emission (Idle)

#### Measurement Results: Quasi Peak

Frequency (MHz)	Quasi Peak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	48.97	66.00	17.03	L1	ON	10
0.430000	40.06	57.25	17.19	L1	ON	10
0.630000	38.91	56.00	17.09	L1	ON	10
0.754000	38.52	56.00	17.48	L1	ON	10
13.674000	35.20	60.00	24.80	L1	ON	11
18.098000	37.00	60.00	23.00	L1	ON	10

#### Measurement Results: Average

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.218000	31.49	52.90	21.40	L1	ON	10
0.430000	27.03	47.25	20.23	L1	ON	10
0.646000	28.13	46.00	17.87	L1	ON	10
0.746000	27.64	46.00	18.36	L1	ON	10
17.654000	28.71	50.00	21.29	L1	ON	10
17.730000	29.39	50.00	20.61	L1	ON	10

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