



TEST REPORT

REPORT NUMBER: I21W00006-BLE_Rev1

ON

Type of Equipment: Tracker

Model Name: Pod Lite

Manufacturer: Micron Electronics LLC.

ACCORDING TO

FCC Part 15, Subpart C, 2019:

15.205 Restricted bands of operation,

15.209 Radiated emission limits; general requirements,

15.247 Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz

ANSI C63.10-2013:American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

Chongqing Academy of Information and Communications Technology

Month date, year

Apr, 30, 2021

Signature



Xiang Luoyong

Director

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 Chongqing Academy of Information and Communications Technology.

Report No.:I21W00006-BLE_Rev1

Revision Version

Report Number	Revision	Date	Memo
I21W00006-BLE	V0.0	2021-04-19	--
I21W00006-BLE	V1.0	2021-04-30	--

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Report No.:I21W00006-BLE_Rev1

FCC ID: ZKQ-PPODLT

Report Date: 2021-04-30

Test Firm Name: Chongqing Academy of Information and Communications Technology

FCC Registration Number: CN1239

Statement

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC Parts 15, subpart C. The sample tested was found to comply with the requirements defined in the applied rules.

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1 General Information

1.1 Notes

All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC Parts 15, subpart C and ANSI C63.10-2013 and FCC KDB 558074.

The test results of this test report relate exclusively to the item(s) tested as specified in section 2.

The following deviation from, additions to, or exclusions from the test specifications have been made. See Annex B.

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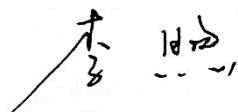
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1.2 Testers

Name: Li Xu
Position: Engineer
Department: Department of RF test
Date: 2021-03-28 to 2021-04-30

Signature:



Editor of this test report:

Name: Chen Wen
Position: Engineer
Department: Department of RF test
Date: 2021-04-30

Signature:



Technical responsibility for area of testing:

Name: Zhang Yan
Position: Manager
Department: Director of the laboratory
Date: 2021-04-30

Signature:



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1.3 Testing Laboratory information

1.3.1 Location

Name: Chongqing Academy of Information and Communications Technology

Address: Building B, Technology Innovation Center, No.8, Yuma Road, Chayuan New Area, Nan'an District, Chongqing, People's Republic of China, 401336

Tel: +86-23-88069965

Fax: +86-23-88608777

Email: liqiao@caict.ac.cn

1.3.2 Test location, where different from section 1.3.1

Name: -----

Street: -----

City: -----

Country: -----

Telephone: -----

Fax: -----

Postcode: -----

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1.4 Details of applicant or manufacturer

1.4.1 Applicant

Name: Micron Electronics LLC.
Address: 1001 Yamato Road, Suite 400, Boca Raton, FL 33431, USA
Country: USA
Telephone: +18885383489
Fax: --
Contact: Ping Cheng
Email: pcheng@micron-electronics.com

1.4.2 Manufacturer (if different from applicant in section 1.4.1)

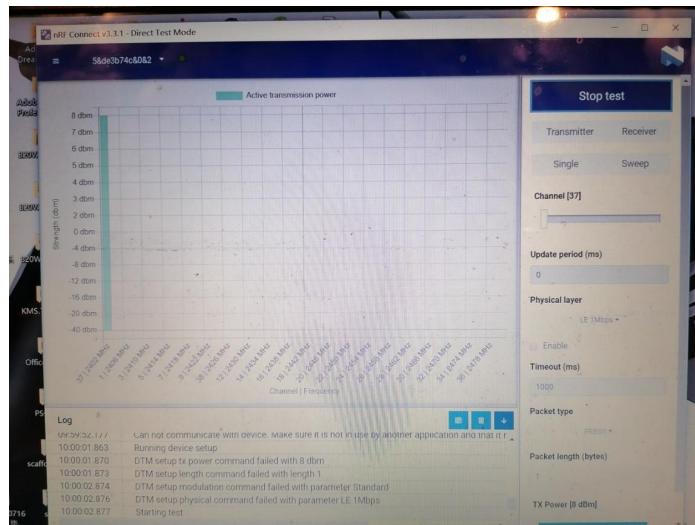
Name: --
Address: --
Country: --
Telephone: --
Fax: --
Contact: --
Email: --

2 Test Item

2.1 General Information

Manufacturer:	Micron Electronics LLC.
Type of Equipment:	Tracker
Model Name:	Pod Lite
Production Status:	Product
Hardware Version:	A512_V1_PCB
Software Version:	GT501MA_C_ATTV01.01B02.I01
Antenna description:	Built in FPC antenna
Antenna Gain:	0.5dBi
Test SW Version:	V3.3.1
frequency range:	2402-2480MHz
Normal Voltages:	3.30 V
Receipt date of test item:	2021-03-23

EUT uses tool to control emission measurement, Change power level, channel, rate and bandwidth. TX transmitter power level set to 8.



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2.2 Outline of Equipment under Test

The Pod Lite, referred to as “EUT” hereafter, is a multi-Band wireless modem operating on the GSM/CAT-M1/Wi-Fi/BLUETOOTH 5.0 networks. The table below shows the supported bands for the EUT.

Technology	Freq.(MHz)	Note
Bluetooth	2402-2480	--

2.3 Modifications Incorporated in EUT

The EUT has not been modified from what is described by the brand name and unique type identification stated above.

2.4 Equipment Configuration

Equipment configuration list:

Item	Generic Description	Manufacturer	Type	Serial No.	Remarks
A	Modules	Micron Electronics LLC.	Tracker	866884045632486	None
B	Modules	Micron Electronics LLC.	Tracker	866884045632239	None
C	data line	--	--	--	--

2.5 Other Information

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3 Summary of Test Results

A brief summary of the tests carried out is shown as following.

FCC Rules	Name of Test	Result
15.247(b)	Maximum Peak Output Power	Pass
15.247(e)	Peak Power Spectral Density	Pass
15.247(a)	6dB Occupied Bandwidth	Pass
15.247(d)	Band Edges Compliance	Pass
15.247 (d)	Transmitter Spurious Emission-Conducted	Pass
15.247, 15.205, 15.209	Transmitter Spurious Emission-Radiated	Pass
ANSI C63.10 voltage mains test	Power line Conducted Emissions	Pass
Note:--		

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4 Test Equipments and Ancillaries Used For Tests

The test equipments and ancillaries used are as follows.

No.	Equipment	Model	SN	Manufacture	Cal. Due Date
1	EMI Test Receiver	ESU26	100367	R&S	2021-06-25
2	Trilog super broad band test antenna	VULB 9163	9163-544	R&S	2023-04-03
3	Double-Ridged Horn Antenna	HF907	100357	R&S	2021-08-20
4	Fully-Anechoic Chamber	11.8m×6.5 m×6.3m	--	ETS	2024-01-22
5	Spectrum analyzer	FSQ 26	201137/026	R&S	2021-06-25
6	DC Power Supply	N6705B	MY50000919	Agilent	2021-06-25

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5 Test Results

5.1 Maximum Peak Output Power

Specifications:	FCC Part 15.247(b)
DUT Serial Number:	866884045632486
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

Limit Level Construction:

The maximum peak output power of the intentional radiator shall not exceed the following:

1. For systems using digital modulation in the bands of 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz: 1 watt.
2. Except as shown in paragraphs (b)(3) (i), (ii) and (iii) of this section, if transmitting antennas of directional gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1) or (b)(2) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Measurement Uncertainty:

Measurement Uncertainty	±1.0dB
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Test Method:

The measurement is according to ANSI C63.10 clause 11.2

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set $RBW \geq OBW$, Set the appropriate VBW
4. Detector : Peak.
5. Trace mode: Max Hold

Note: --

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Measurement Results:

	Channel No.	Output Power (dBm)	Result
1 M	Low: 0	0.92	Pass
	Middle: 19	1.31	Pass
	High: 39	1.18	Pass
2 M	Channel No.	Output Power (dBm)	Result
	Low: 0	0.90	Pass
	Middle: 19	1.32	Pass
	High: 39	1.20	Pass

	Channel No.	EIRP(dBm)
1 M	Low: 0	1.42
	Middle: 19	1.81
	High: 39	1.68
2 M	Channel No.	EIRP(dBm)
	Low: 0	1.40
	Middle: 19	1.82
	High: 39	1.70

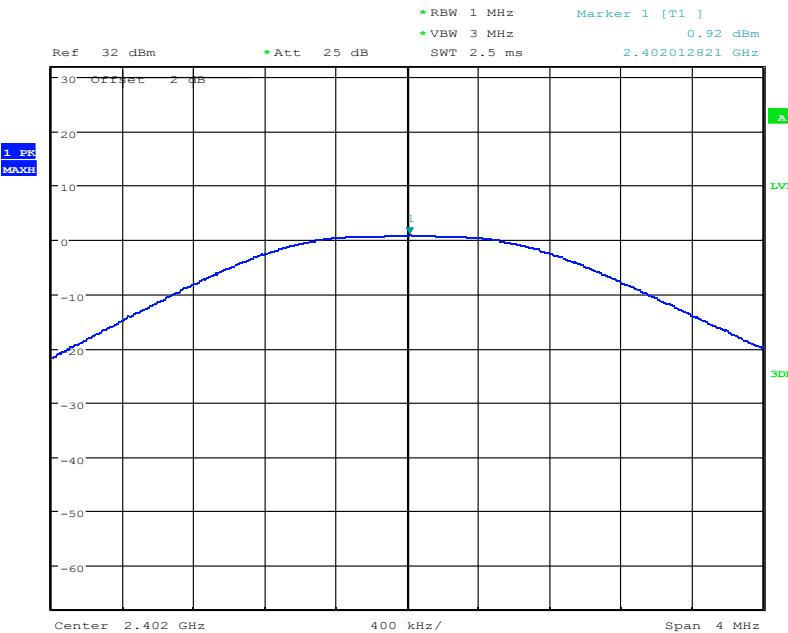
Conclusion: PASS

Test figure as below:

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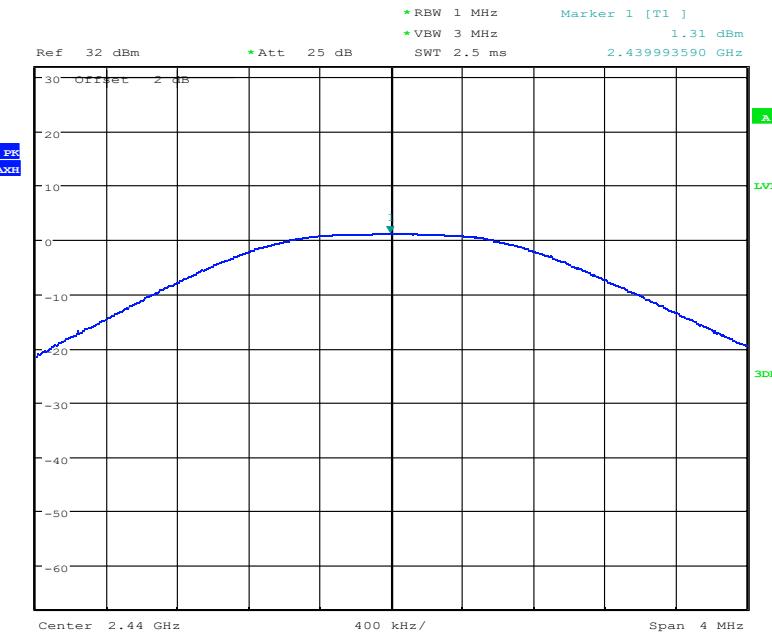
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1M CH0

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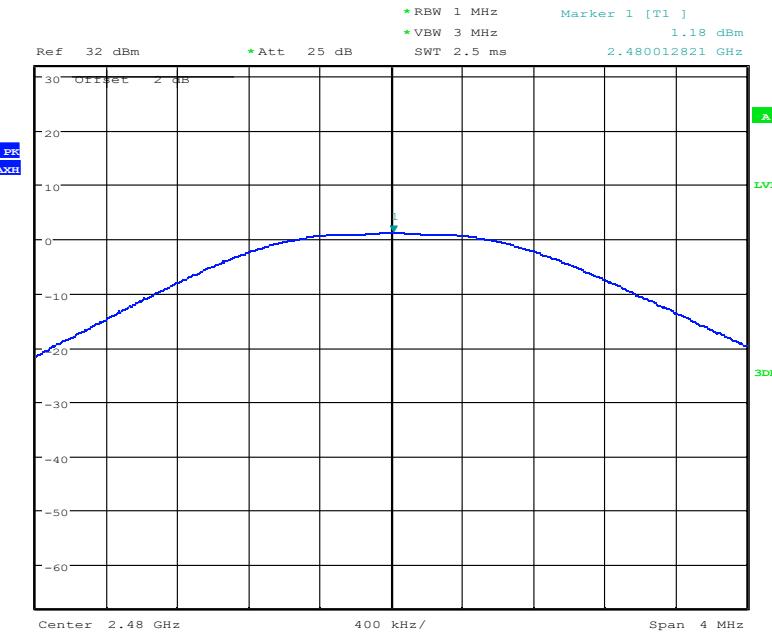
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Date: 18.APR.2021 02:43:08

1M CH19



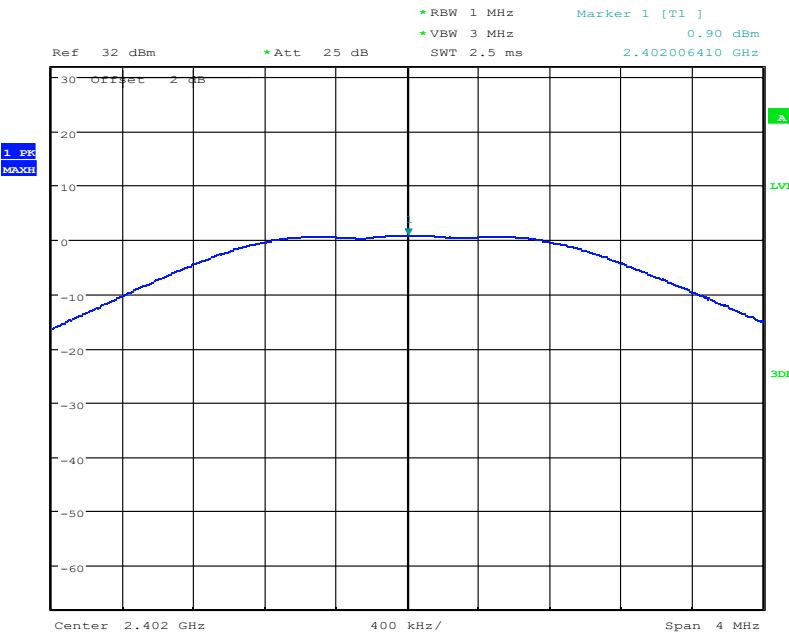
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1M CH39

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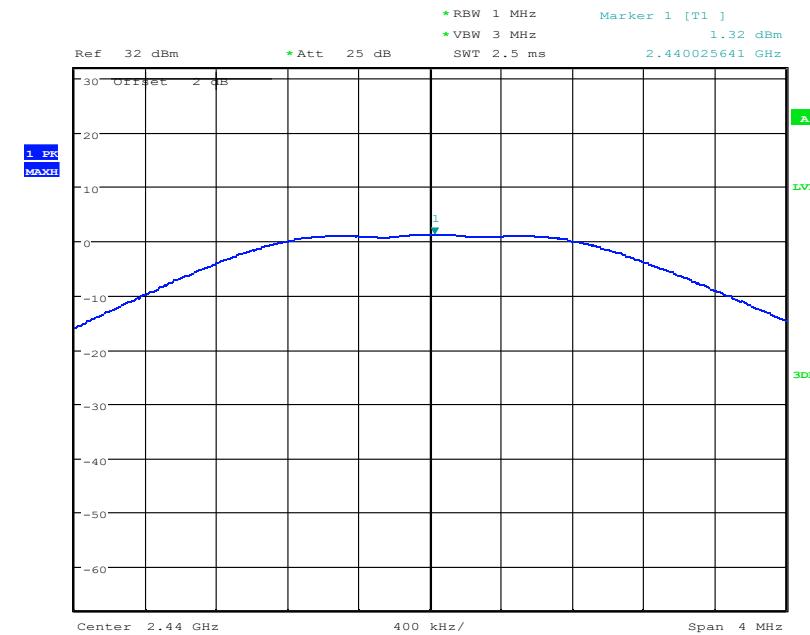
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Date: 18.APR.2021 02:44:17

2M CH0



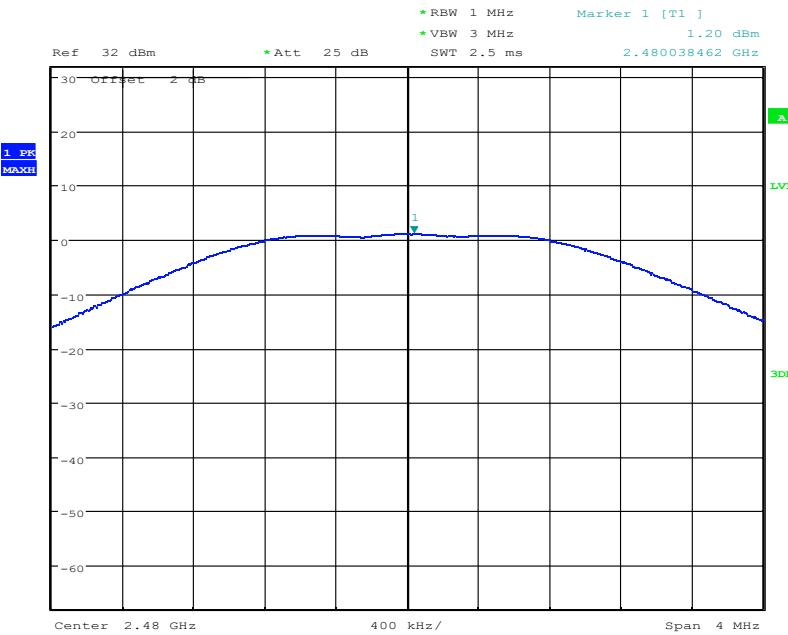
Date: 18.APR.2021 02:45:42

2M CH19

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2M CH39

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5.2 Peak Power Spectral Density

Specifications:	FCC CFR Part 15.247(e)
DUT Serial Number:	866884045632486
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit Level Construction:

Standard	Limit
FCC CFR Part 15.247(e)	< 8dBm/3 KHz

Measurement Uncertainty:

Measurement Uncertainty	±0.82dBm/KHz
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Test procedure:

The measurement is according to ANSI C63.10 clause 11.10.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set analyzer center frequency to DTS channel center frequency.
4. Set the span to 1.5 times the DTS bandwidth.
5. Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
6. Set the VBW $\geq [3 \times \text{RBW}]$.
7. Detector = peak.
8. Sweep time = auto couple.
9. Trace mode = max hold.
10. Allow trace to fully stabilize.
11. Use the peak marker function to determine the maximum amplitude level within the RBW.
12. If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

Note: --

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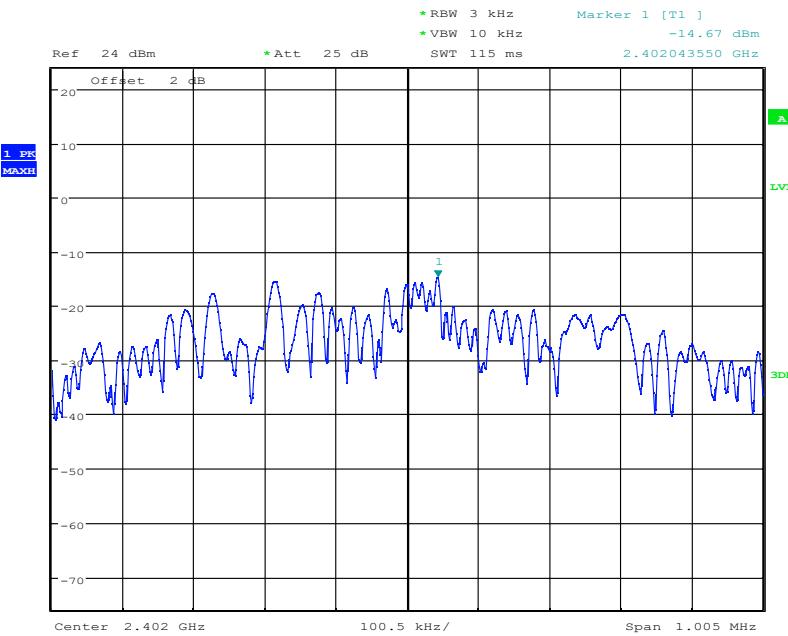
Test Results:

1 M	Power Spectral Density(dBm/3kHz)			Conclusion
	Ch0	Ch19	Ch39	
	-14.67	-14.10	-13.94	Pass
	Power Spectral Density(dBm/100kHz)			Conclusion
2 M	Ch0	Ch19	Ch39	
	2.93	3.34	3.62	Pass

2 M	Power Spectral Density(dBm/3kHz)			Conclusion
	Ch0	Ch19	Ch39	
	-16.54	-16.19	-15.83	Pass
	Power Spectral Density(dBm/100kHz)			Conclusion
2 M	Ch0	Ch19	Ch39	
	2.92	3.33	3.60	Pass

Conclusion: PASS

Test figure as below:



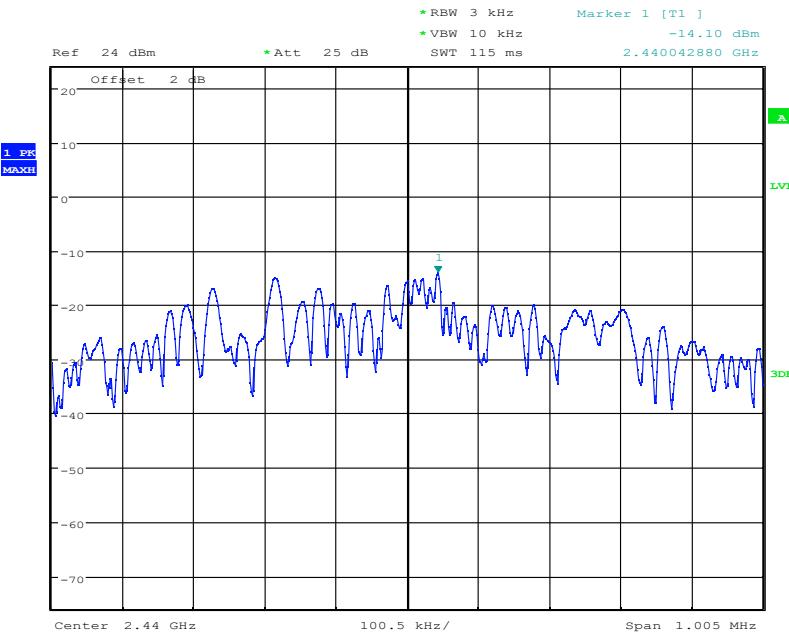
Date: 27.MAR.2021 22:58:20

Fig.1 Power spectral density: 1M CH0 PSD/3KHz

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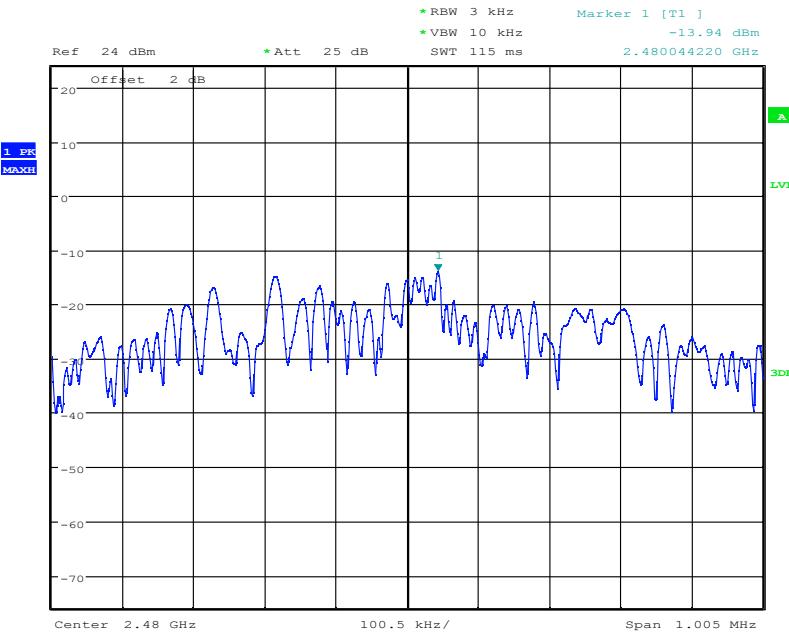
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Fig.2 Power spectral density: 1M CH19 PSD/3KHz



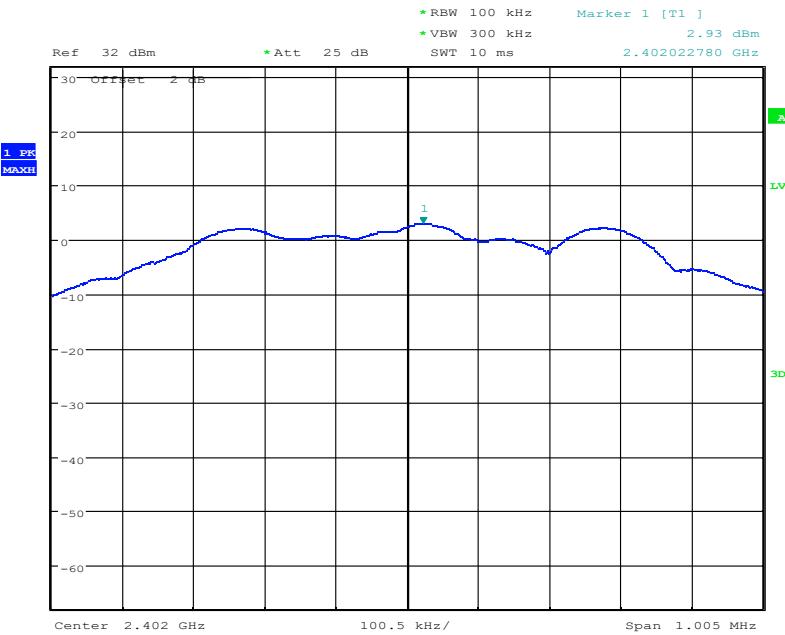
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Fig.3 Power spectral density: 1M CH39 PSD/3KHz

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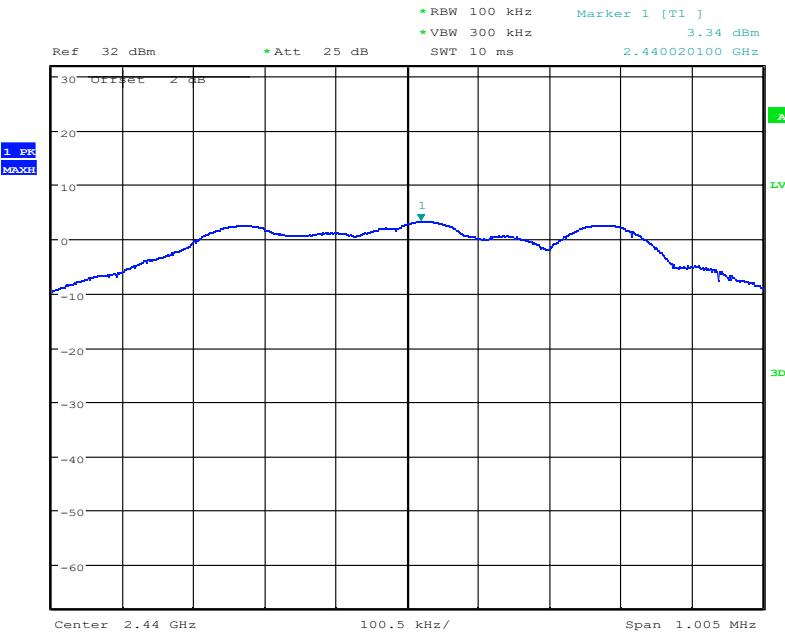
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Fig.4 Power spectral density: 1M CH0 PSD/100KHz



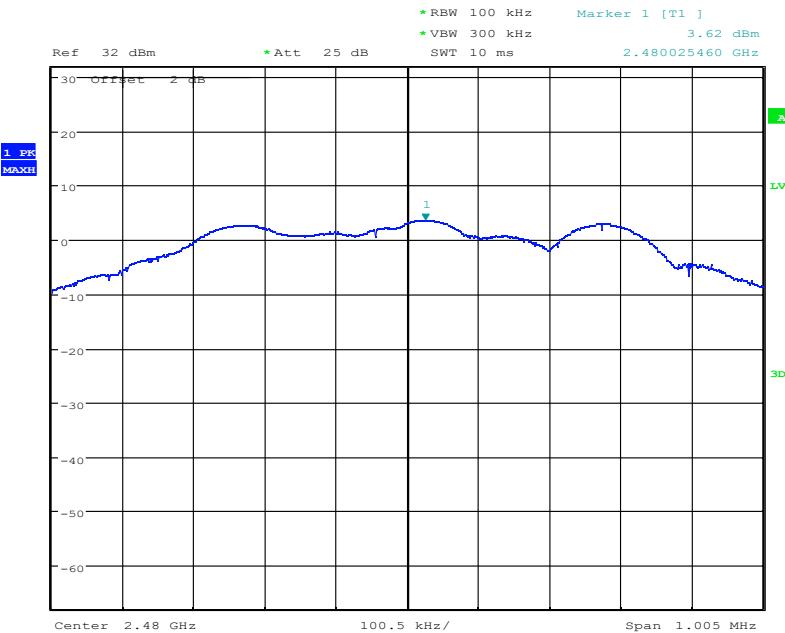
Date: 27.MAR.2021 22:59:31

Fig.5 Power spectral density: 1M CH19 PSD/100KHz

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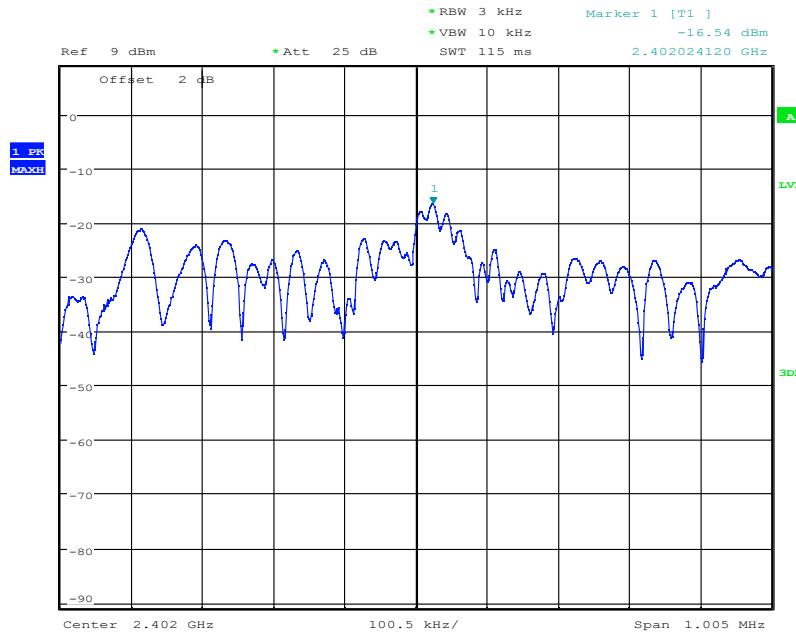
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Fig.6 Power spectral density: 1M CH39 PSD/100KHz



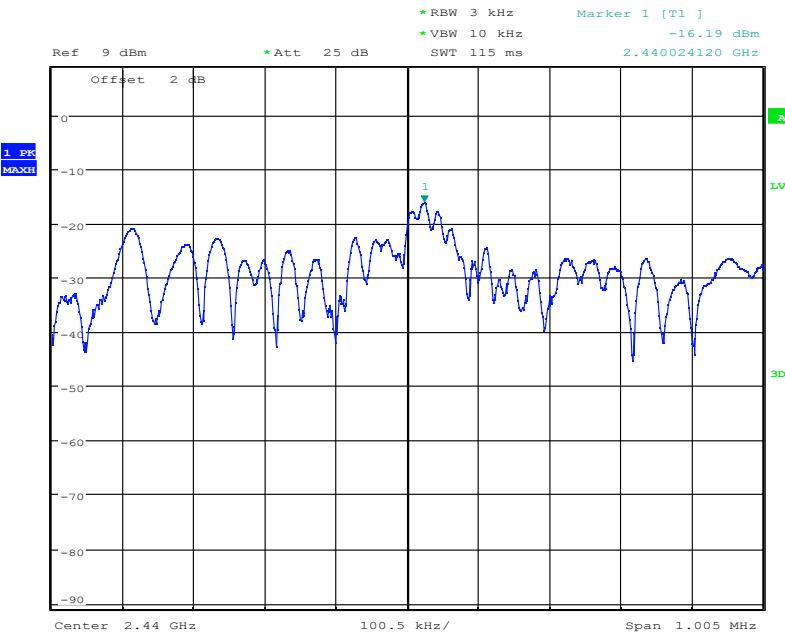
Date: 27.MAR.2021 23:03:40

Fig.7 Power spectral density: 2M CH0 PSD/3KHz

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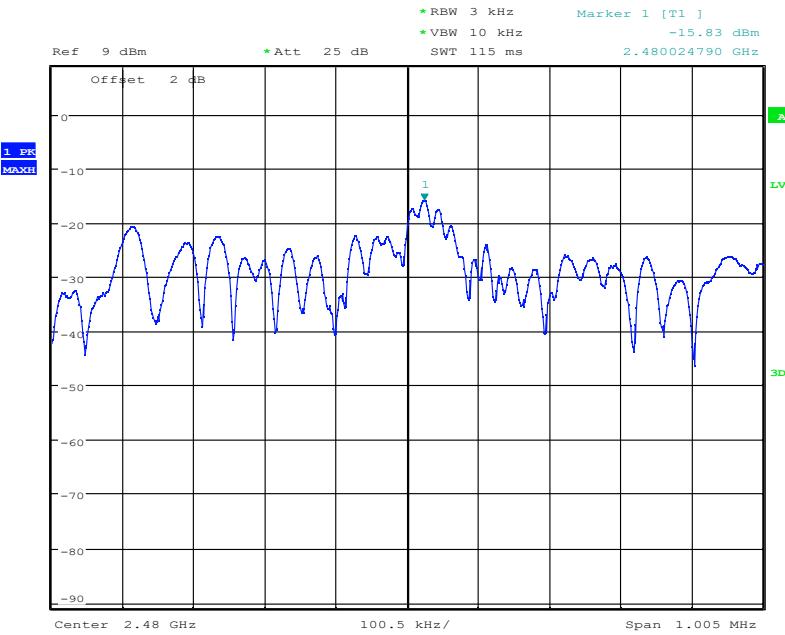
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Fig.8 Power spectral density: 2M CH19 PSD/3KHz



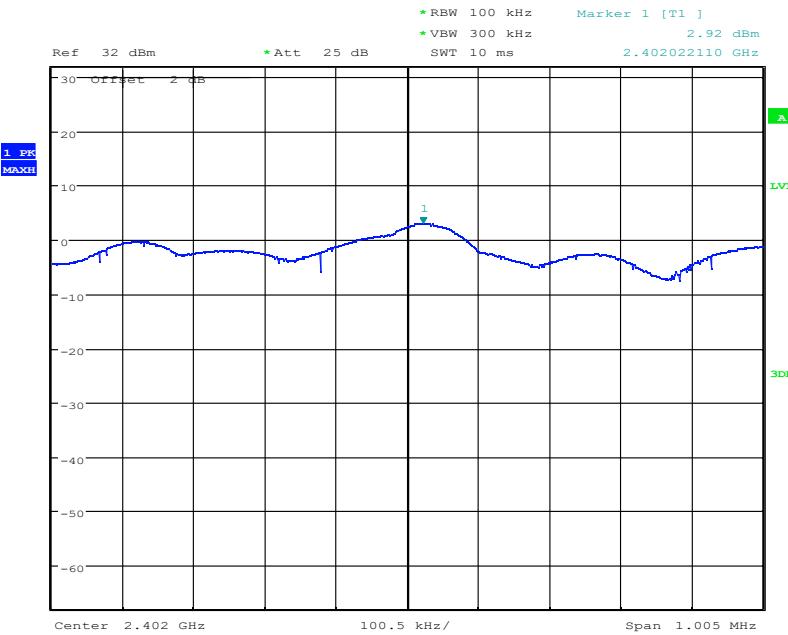
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Fig.9 Power spectral density: 2M CH39 PSD/3KHz

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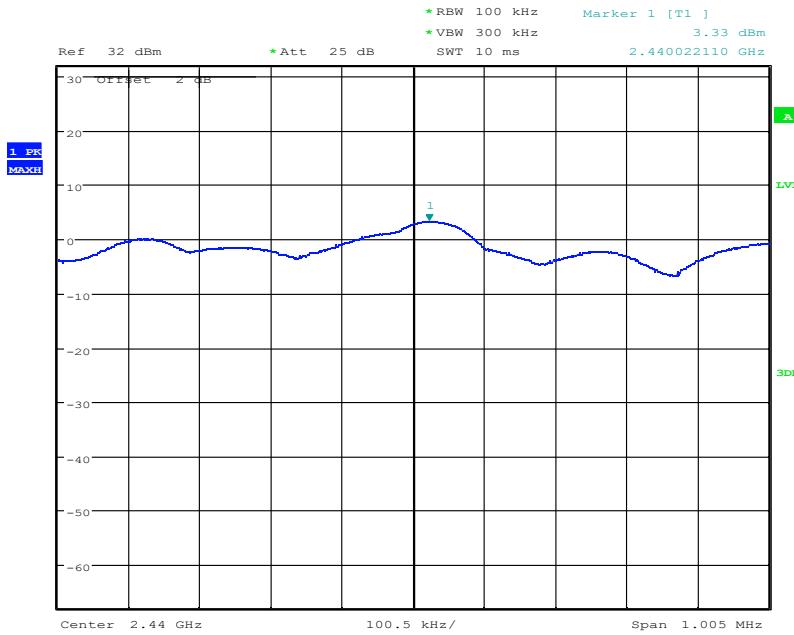
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Fig.10 Power spectral density: 2M CH0 PSD/100KHz



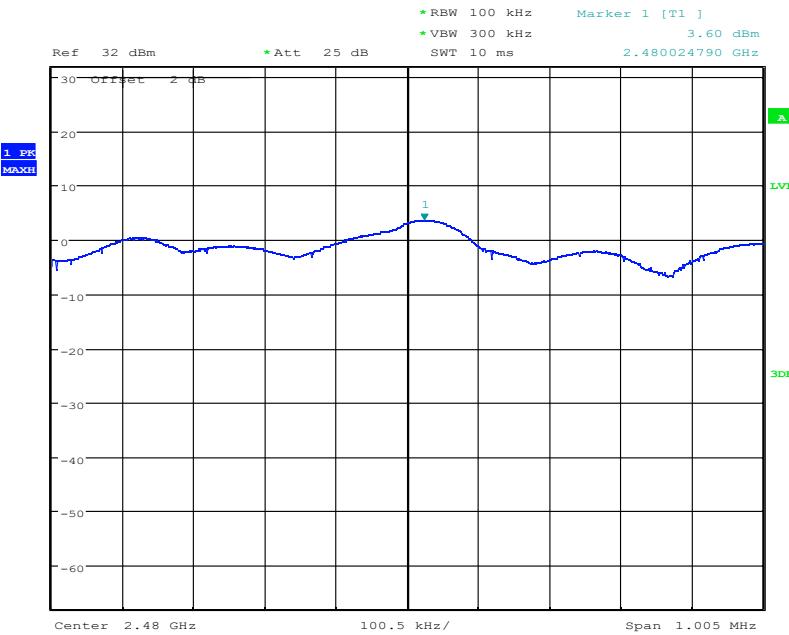
Date: 27.MAR.2021 23:01:58

Fig.11 Power spectral density: 2M CH19 PSD/100KHz

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Fig.12 Power spectral density: 2M CH39 PSD/100KHz

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5.3 6dB Occupied Bandwidth

Specifications:	FCC 47 CFR Part 15.247(a)
DUT Serial Number:	866884045632486
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit Level Construction:

Standard	Limit(KHz)
FCC 47 CFR Part 15.247(a)	≥500

Measurement Uncertainty:

Measurement Uncertainty	±1.1KHz
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Test Procedure

The measurement is according to ANSI C63.10 clause 11.8.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.
3. Set RBW = 100 kHz.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = peak.
6. Trace mode = max hold.
7. Sweep = auto couple.
8. Allow the trace to stabilize.
9. 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 6 dB relative to the maximum level measured in the fundamental emission.

Note: --

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Test Result:

1M	Occupied 6dB Bandwidth(MHz)			Conclusion
	Ch0	Ch19	Ch39	
	0.693	0.690	0.684	

2M	Occupied 6dB Bandwidth(MHz)			Conclusion
	Ch0	Ch19	Ch39	
	0.690	0.689	0.689	

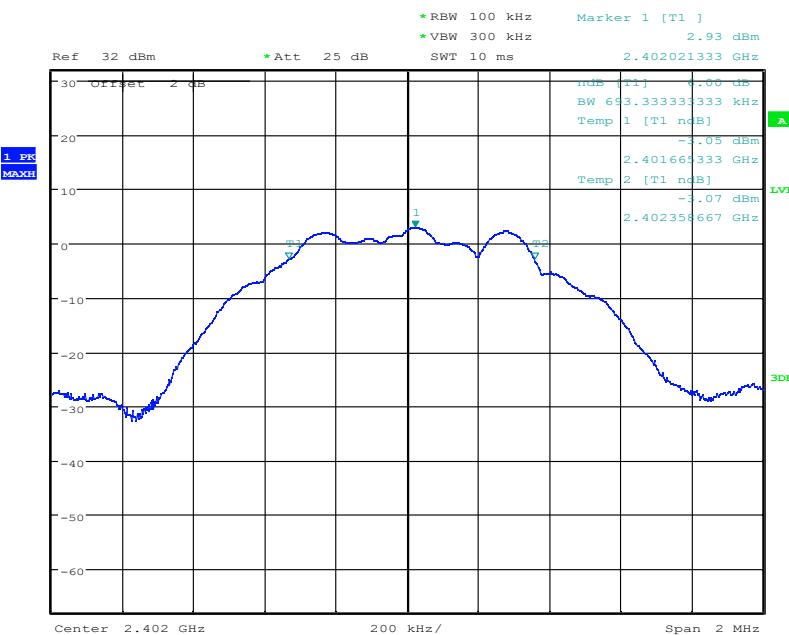
Conclusion: PASS

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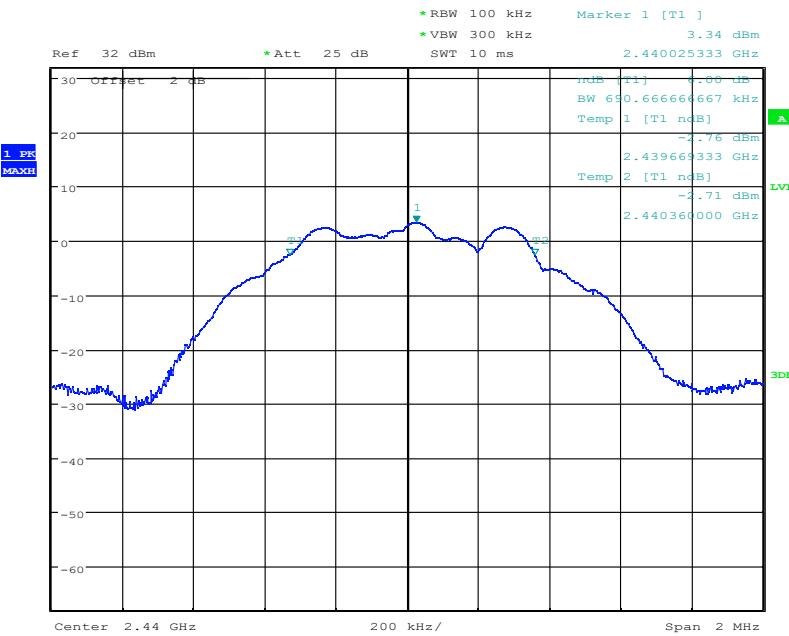
Report No.:I21W00006-BLE_Rev1

Test figure as below:



Date: 27.MAR.2021 23:07:02

Fig.13 6dB Bandwidth: 1M Ch0



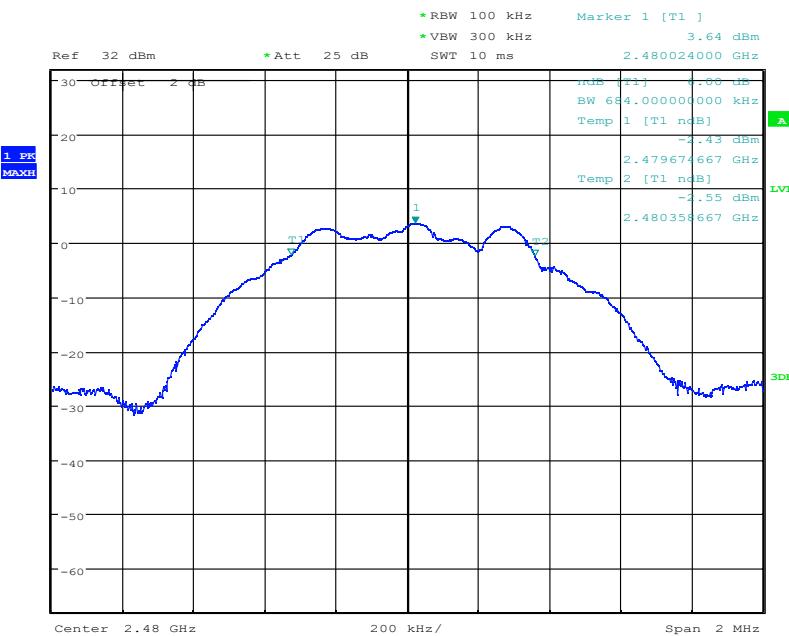
Date: 27.MAR.2021 23:07:47

Fig.14 6dB Bandwidth: 1M Ch19

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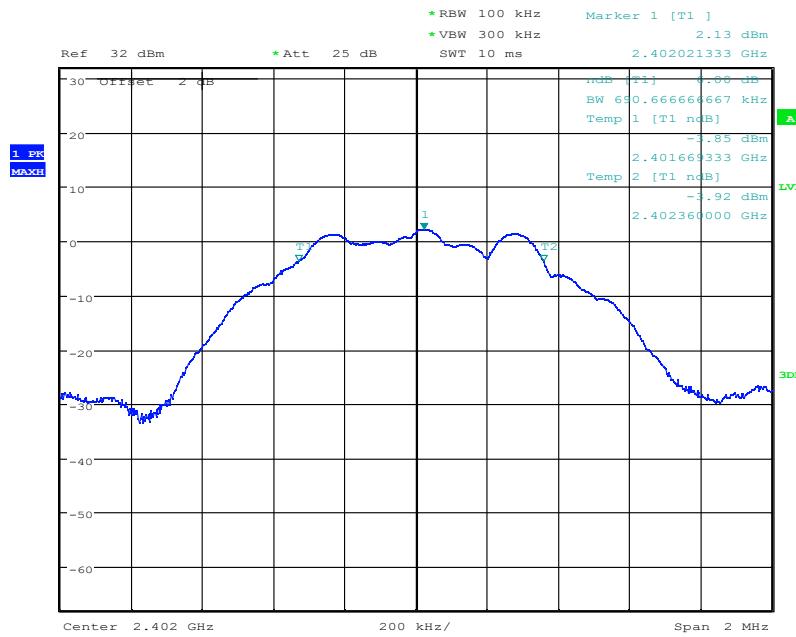
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Date: 27.MAR.2021 23:08:17

Fig.15 6dB Bandwidth: 1M Ch39



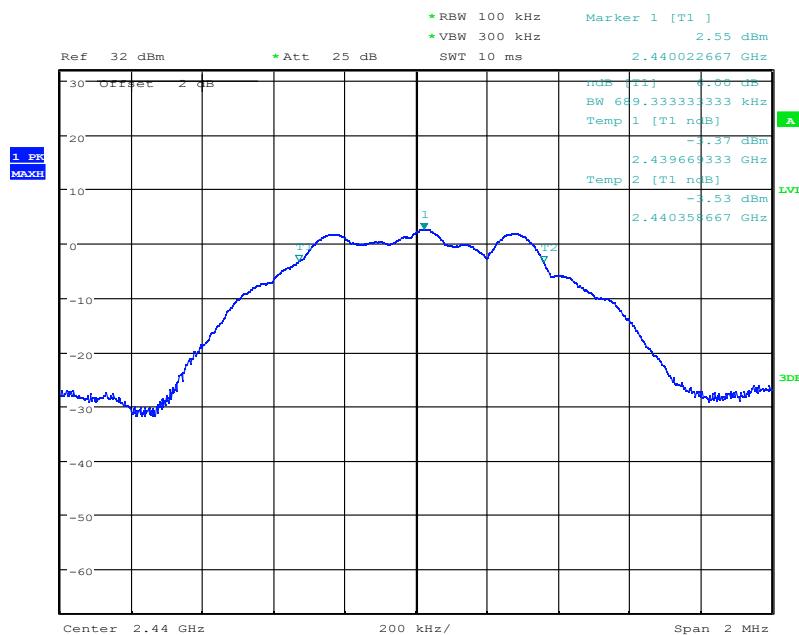
Date: 29.MAR.2021 02:42:15

Fig.16 6dB Bandwidth: 2M Ch0

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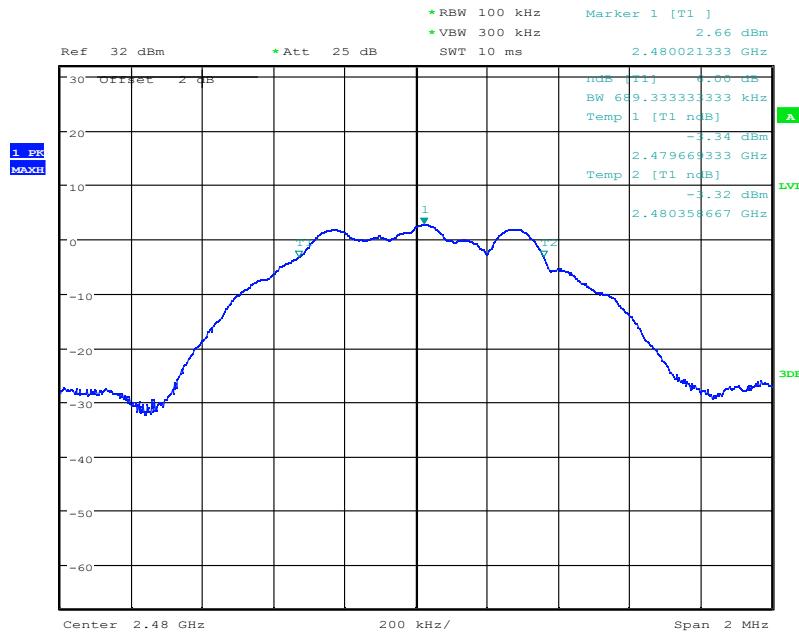
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Date: 29.MAR.2021 02:52:46

Fig.17 6dB Bandwidth: 2M Ch19



Date: 29.MAR.2021 02:53:32

Fig.18 6dB Bandwidth: 2M Ch39

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5.4 Band Edges Compliance

Specifications:	FCC 47 CFR Part 15.247(d)
DUT Serial Number:	866884045632486
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit Level Construction:

Standard	Limited(dBuV/m)	
FCC 47 CFR Part 15.247(d)	Peak	74
	Average	54

Measurement Uncertainty:

Frequency Range	Uncertainty
1 GHz to 6 GHz	4.68

Test Procedure

The measurement is according to ANSI C63.10 clause11.13.

1. Span: Wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products that fall outside of the authorized band of operation.
2. Reference level offset: Corrected for gains and losses of test antenna factor, preamp gain and cable loss, so as to indicate field strength, in units of dB μ V/m at 3 m, directly on the instrument display. Alternatively, the reference level offset may be set to zero and calculations shall be provided showing the conversion of raw measured data to the field strength in dB μ V/m at 3 m.
3. Reference level: As required to keep the signal from exceeding the maximum spectrum analyzer input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2..
4. Attenuation: Auto (at least 10 dB preferred).
5. Sweep time: Coupled.
6. Resolution bandwidth: Above 1 GHz: 1 MHz
7. Video bandwidth: VBW for Peak, Quasi-peak, or Average Detector Function: 3 \times RBW
8. Detector (unless specified otherwise): Peak and average above 1 GHz
9. Trace: Max hold for final measurement; a combination of two traces, clear-write and max hold, is recommended for maximizing the emission.

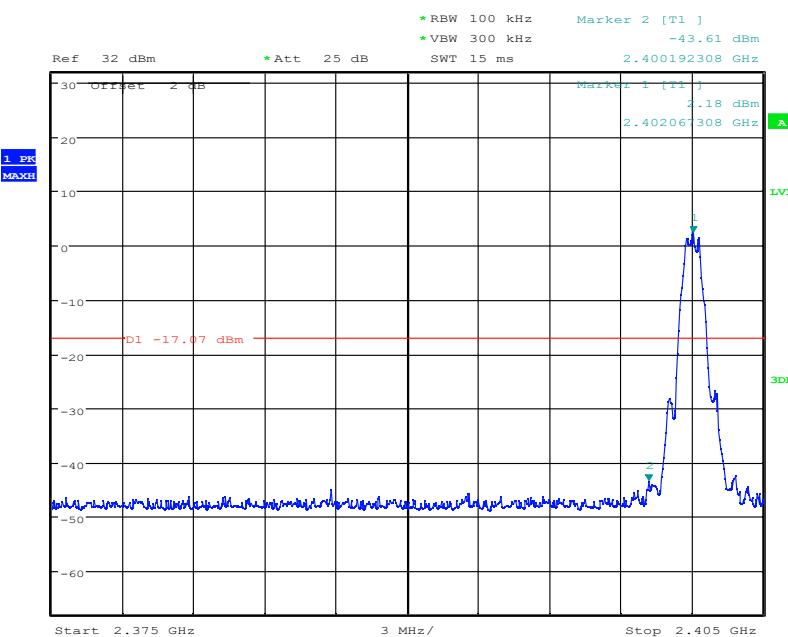
Note: --

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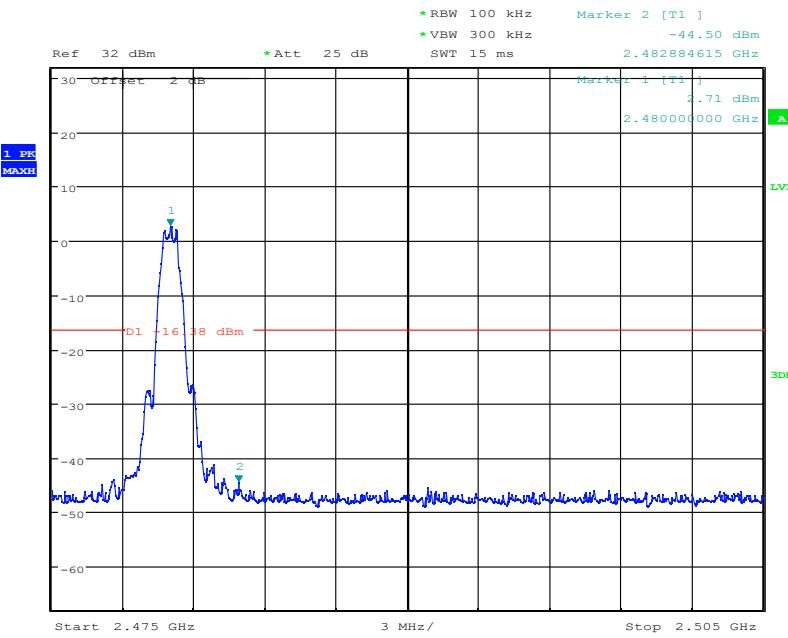
Report No.:I21W00006-BLE_Rev1

Test Result:



Date: 29.MAR.2021 03:46:27

Fig.19 Frequency Band Edge: 1M Ch0



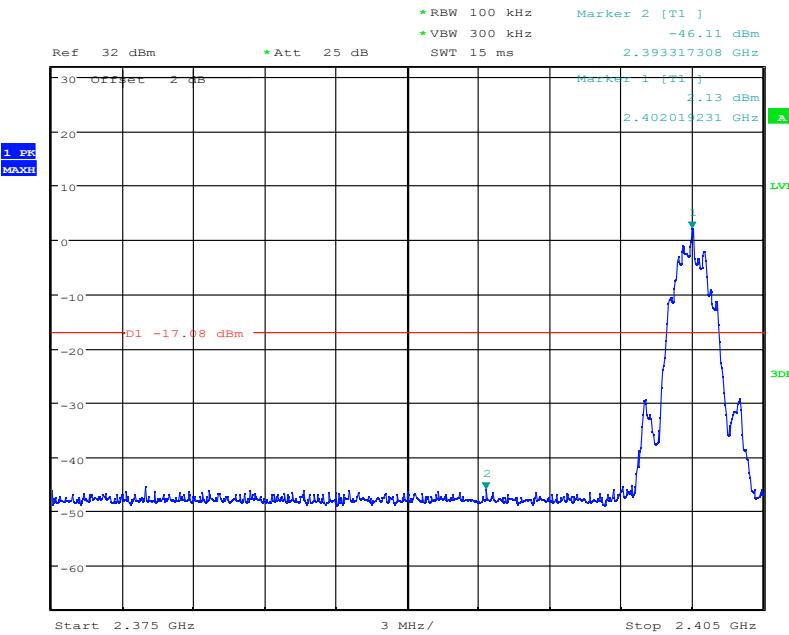
Date: 29.MAR.2021 03:50:45

Fig.20 Frequency Band Edge: 1M Ch39

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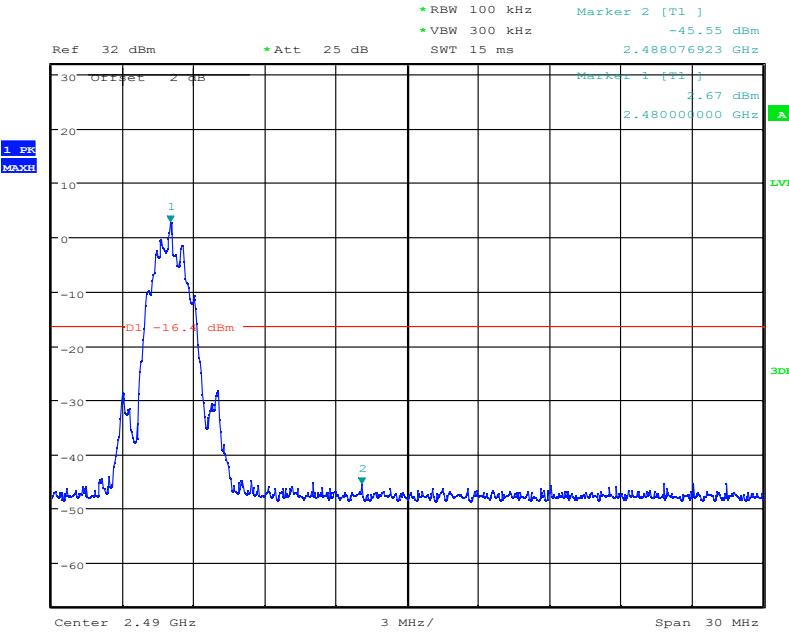
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Fig.21 Frequency Band Edge: 2M Ch0



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Fig.22 Frequency Band Edge: 2M Ch39

Conclusion: PASS

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5.5 Transmitter Spurious Emission-Conducted

Specifications:	FCC 47 CFR Part15.247 (d)
DUT Serial Number:	866884045632486
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit

Standard	Limit
FCC 47 CFR Part15.247 (d)	20dB below peak output power in 100KHz bandwidth

Measurement Uncertainty:

Frequency Range	Uncertainty
30MHz ≤ f ≤ 26GHz	±2.7

Test Procedure

This measurement is according to ANSI C63.10 clause 11.11.

1. The output power of EUT was connected to the spectrum analyzer. The path loss was compensated to the results for each measurement.
2. Enable EUT transmitter maximum power continuously.

Reference level measurement

3. Set instrument center frequency to DTS channel center frequency.
4. Set the span to ≥ 1.5 times the DTS bandwidth.
5. Set the RBW = 100 kHz.
6. Set the VBW $\geq [3 \times \text{RBW}]$.
7. Detector = peak.
8. Sweep time = auto couple.
9. Trace mode = max hold.
10. Allow trace to fully stabilize.
11. Use the peak marker function to determine the maximum PSD level.

Emission level measurement

12. Set the center frequency and span to encompass frequency range to be measured.
13. Set the RBW = 100 kHz.
14. Set the VBW $\geq [3 \times \text{RBW}]$.
15. Detector = peak.
16. Sweep time = auto couple.
17. Trace mode = max hold.
18. Allow trace to fully stabilize.
19. Use the peak marker function to determine the maximum amplitude level.

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Test Result:

1M	Channel	Frequency Range	Test Results	Conclusion
	0	30MHz~3GHz	Fig.23	Pass
		3GHz~26.5GHz	Fig.24	Pass
	19	30MHz~3GHz	Fig.25	Pass
		3GHz~26.5GHz	Fig.26	Pass
	39	30MHz~3GHz	Fig.27	Pass
		3GHz~26.5GHz	Fig.28	Pass

2M	Channel	Frequency Range	Test Results	Conclusion
	0	30MHz~3GHz	Fig.29	Pass
		3GHz~26.5GHz	Fig.30	Pass
	19	30MHz~3GHz	Fig.31	Pass
		3GHz~26.5GHz	Fig.32	Pass
	39	30MHz~3GHz	Fig.33	Pass
		3GHz~26.5GHz	Fig.34	Pass

Conclusion: PASS**Chongqing Academy of Information and Communication Technology**Address: No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China, 401336
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Test figure as below:

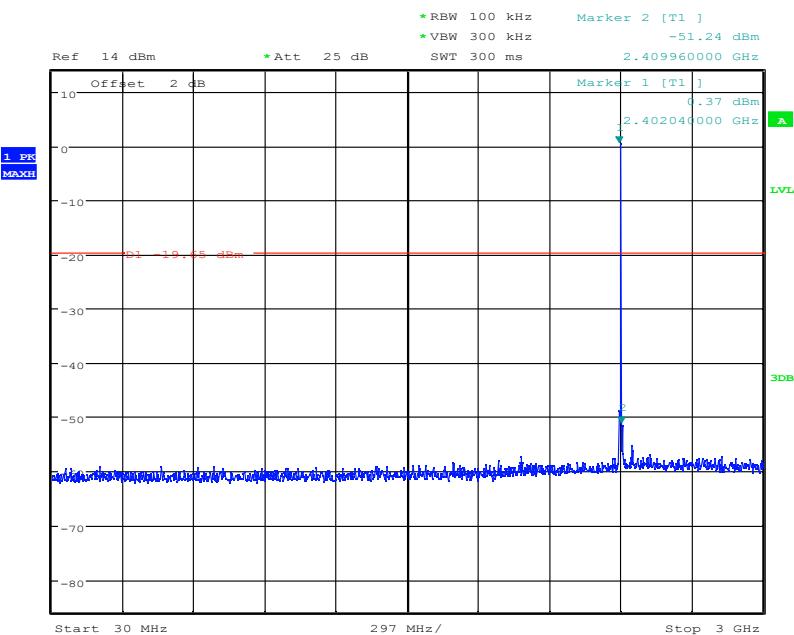


Fig.23 Conducted spurious emission: 1M Ch0, 30MHz~3GHz

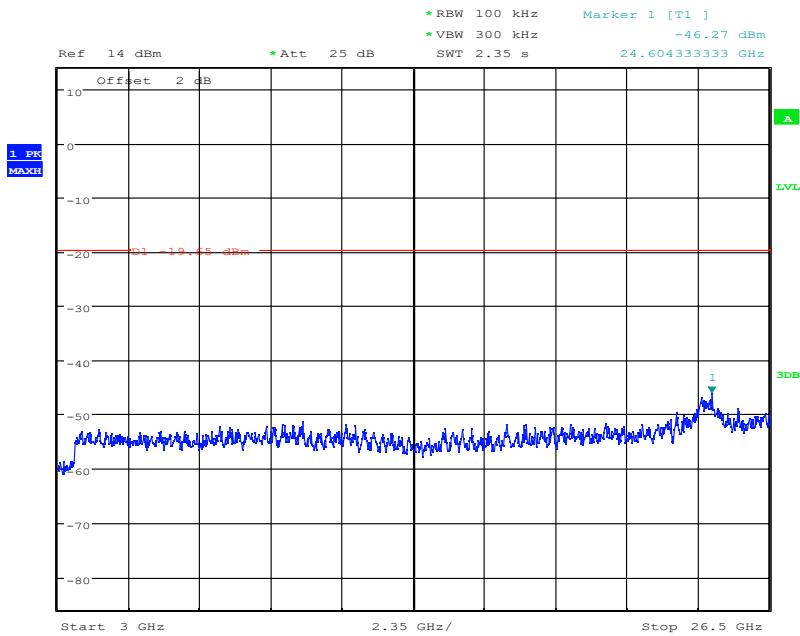
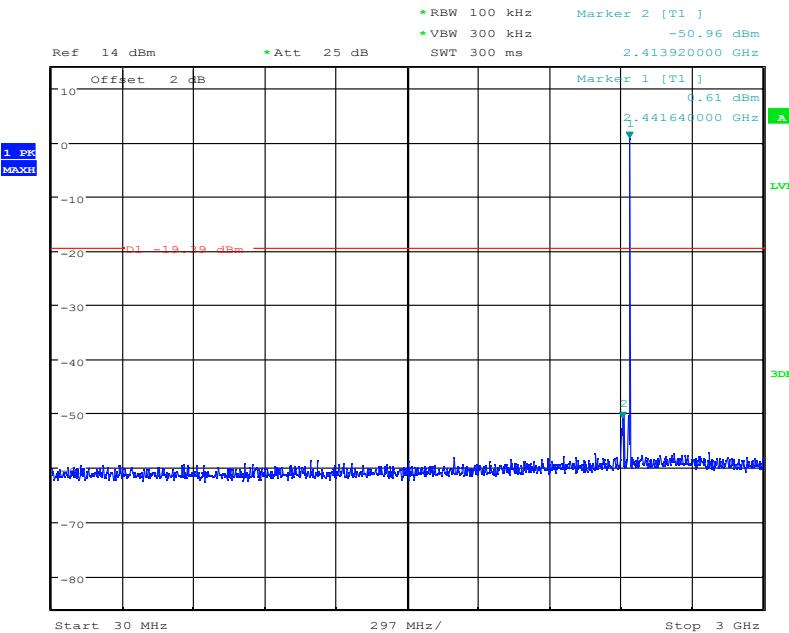


Fig.24 Conducted spurious emission: 1M Ch0, 3GHz~26.5GHz

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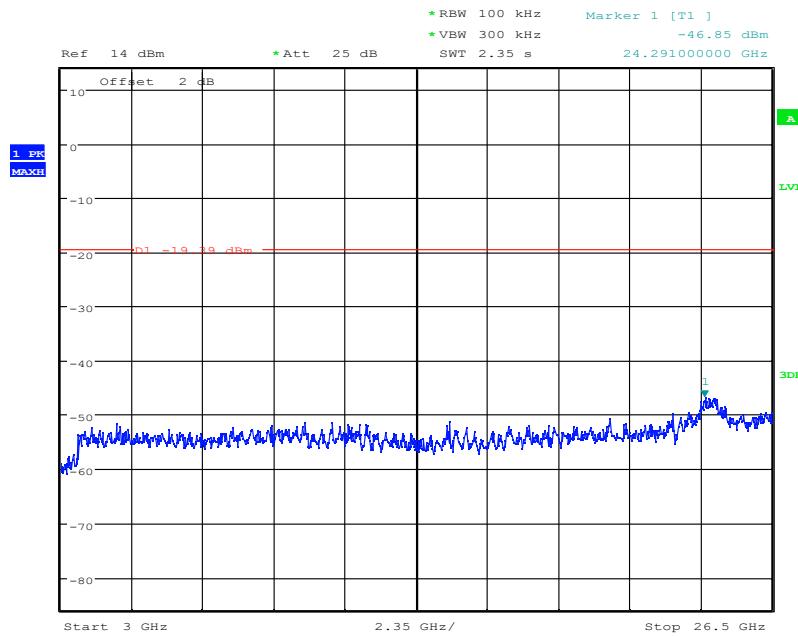
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Report No.:I21W00006-BLE_Rev1



Date: 28.MAR.2021 03:02:04

Fig.25 Conducted spurious emission: 1M Ch19, 30MHz~3GHz



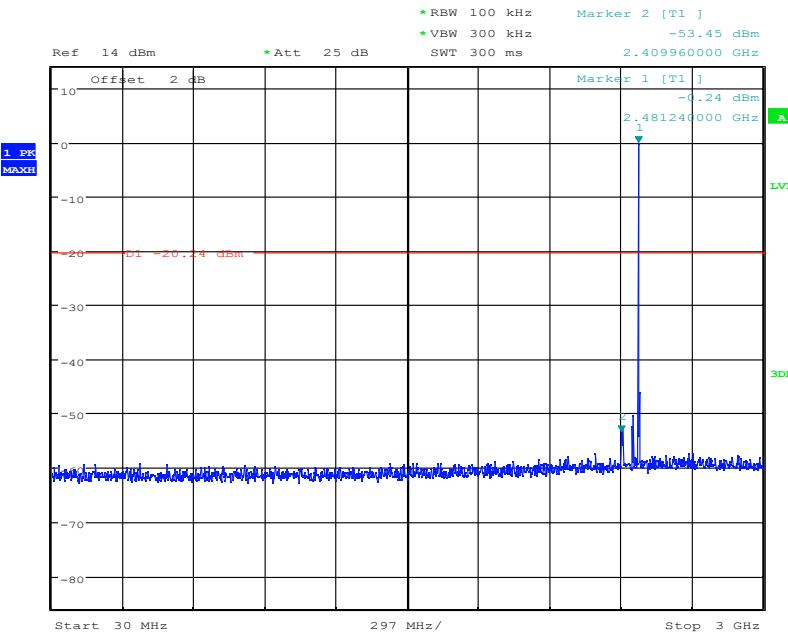
Date: 28.MAR.2021 03:02:43

Fig.26 Conducted spurious emission: 1M Ch19, 3GHz~26.5GHz

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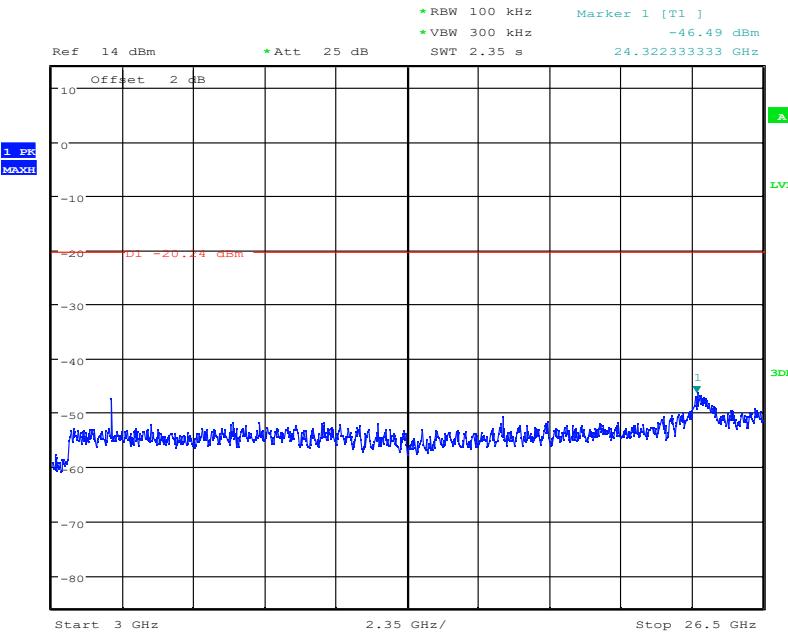
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Date: 28.MAR.2021 03:03:24

Fig.27 Conducted spurious emission: 1M Ch39, 30MHz~3GHz



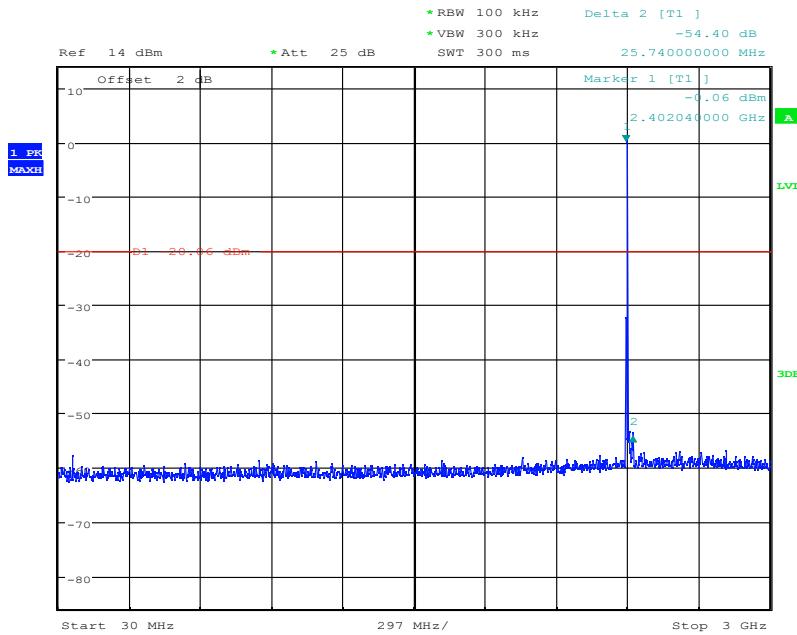
Date: 28.MAR.2021 03:04:14

Fig.28 Conducted spurious emission: 1M Ch39, 3GHz~26.5GHz

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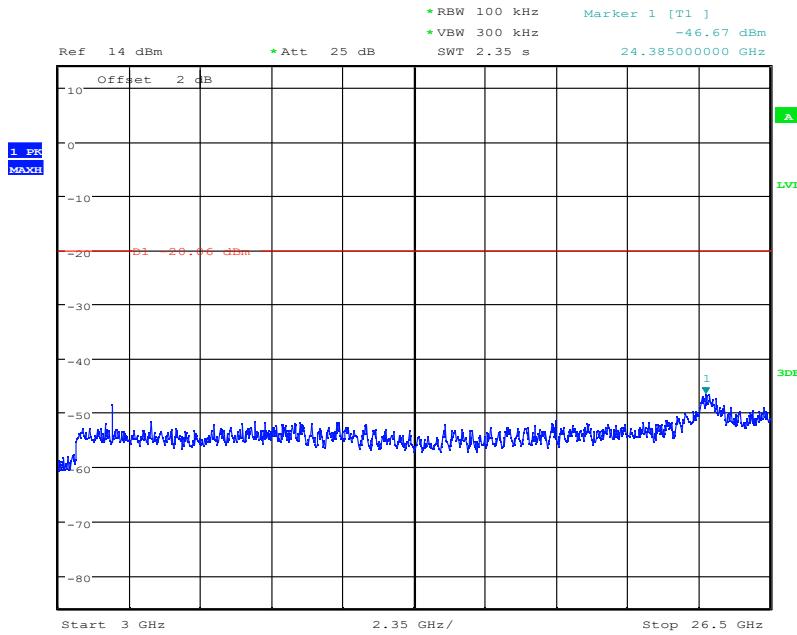
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Date: 28.MAR.2021 03:09:26

Fig.29 Conducted spurious emission: 2M Ch0, 30MHz~3GHz



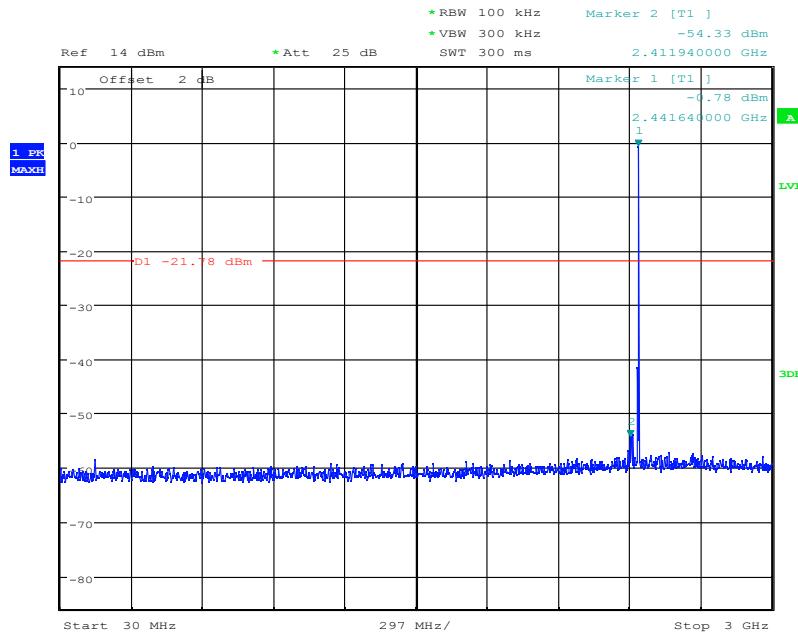
Date: 28.MAR.2021 03:10:18

Fig.30 Conducted spurious emission: 2M Ch0, 3GHz~26.5GHz

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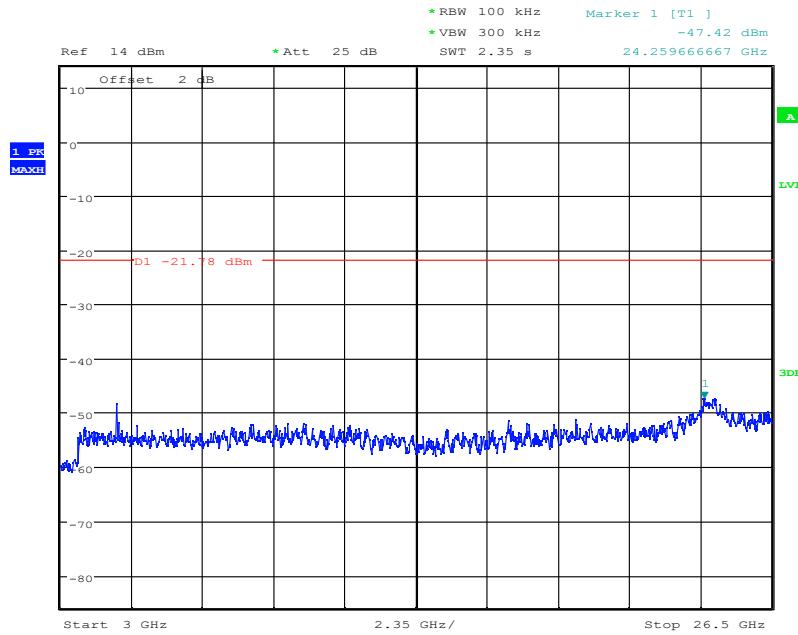
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Date: 28.MAR.2021 03:07:44

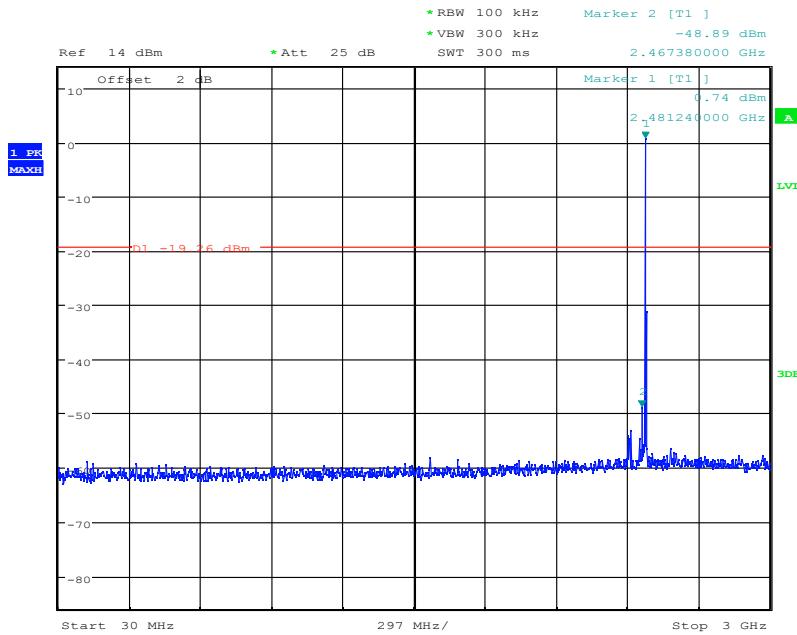
Fig.31 Conducted spurious emission: 2M Ch19, 30MHz~3GHz



Date: 28.MAR.2021 03:08:03

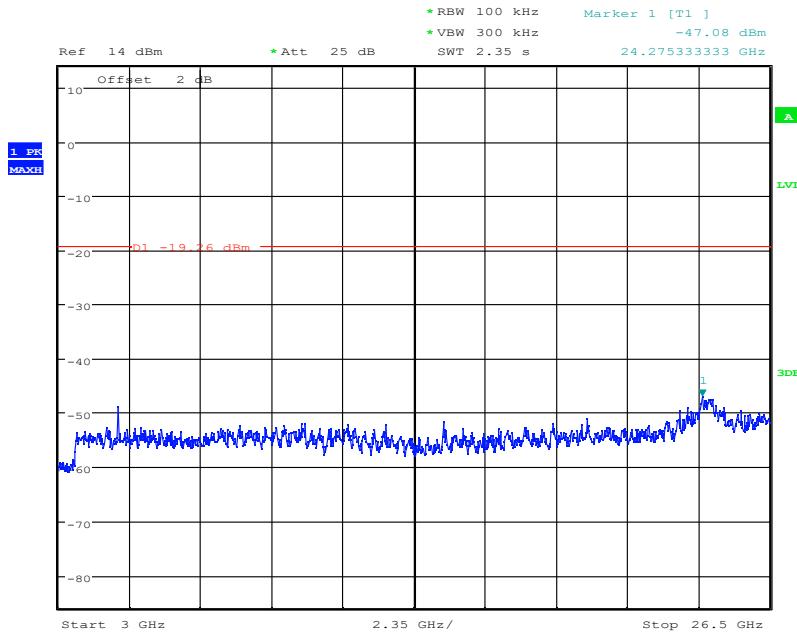
Fig.32 Conducted spurious emission: 2M Ch19, 3GHz~26.5GHz

Report No.:I21W00006-BLE_Rev1



Date: 28.MAR.2021 03:05:57

Fig.33 Conducted spurious emission: 2M Ch39, 30MHz~3GHz



Date: 28.MAR.2021 03:06:29

Fig.34 Conducted spurious emission: 2M Ch39, 3GHz~26.5GHz

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5.6 Transmitter Spurious Emission-Radiated

Specifications:	FCC 47 CFR Part 15.247, 15.205, 15.209
DUT Serial Number:	866884045632239
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB 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)).

Measurement Uncertainty:

Frequency Range	Uncertainty
30MHz ≤ f ≤ 2GHz	±1.13
2GHz ≤ f ≤ 3.6GHz	±1.16
3.6GHz ≤ f ≤ 8GHz	±2.45
8GHz ≤ f ≤ 12.75GHz	±2.99

Limit in restricted band:

Frequency of emission (MHz)	Field strength (uV/m)	Field strength (dBuV/m)
30~88	100	40
88~216	150	43.5
216~960	200	46
Above 960	500	54

Test Procedure

Portable, small, lightweight, or modular devices that may be handheld, worn on the body, or placed on a table during operation shall be positioned on a non-conducting platform, the top of which is 80 cm above the reference ground plane. The preferred area occupied by the EUT arrangement is 1 m by 1.5 m, but it may be larger or smaller to accommodate various sized EUTs. For testing purposes, ceiling- and wall-mounted devices also shall be positioned on a tabletop (see

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also ANSI C63.10-2013 section 6.3.4 and 6.3.5). In making any tests involving handheld, body-worn, or ceiling-mounted equipment, it is essential to recognize that the measured levels may be dependent on the orientation (attitude) of the three orthogonal axes of the EUT. Thus, exploratory tests as specified in 8.3.1 shall be carried out for various axes orientations to determine the attitude having maximum or near-maximum emission level.

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	100KHz/300KHz	5
1000~4000	1MHz/1MHz	15
4000~18000	1MHz/1MHz	40
18000~26500	1MHz/1MHz	20

Test Result:

A “reference path loss” is established and ARpi is the attenuation of “reference path loss”, and including the gain of receive antenna , the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

ARpi= Cable loss + Antenna Gain-Preamplifier gain

Result=PMea + ARpi

1M	Channel	Frequency Range	Test Results	Conclusion
	0	30MH-1GHz	Fig.35	Pass
		1GHz-3GHz	Fig.36	Pass
		3GHz-18GHz	Fig.37	Pass
	19	30MH-1GHz	Fig.38	Pass
		1GHz-3GHz	Fig.39	Pass
		3GHz-18GHz	Fig.40	Pass
	39	30MH-1GHz	Fig.41	Pass
		1GHz-3GHz	Fig.42	Pass
		3GHz-18GHz	Fig.43	Pass
2M	Channel	Frequency Range	Test Results	Conclusion

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	0	30MH-1GHz	Fig.44	Pass
		1GHz-3GHz	Fig.45	Pass
		3GHz-18GHz	Fig.46	Pass
	19	30MH-1GHz	Fig.47	Pass
		1GHz-3GHz	Fig.48	Pass
		3GHz-18GHz	Fig.49	Pass
	39	30MH-1GHz	Fig.50	Pass
		1GHz-3GHz	Fig.51	Pass
		3GHz-18GHz	Fig.52	Pass
	All channels	18GHz-26GHz	Fig.53	Pass

Note: all the test data shown was peak detected.

Conclusion: PASS

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Test graphs as below:

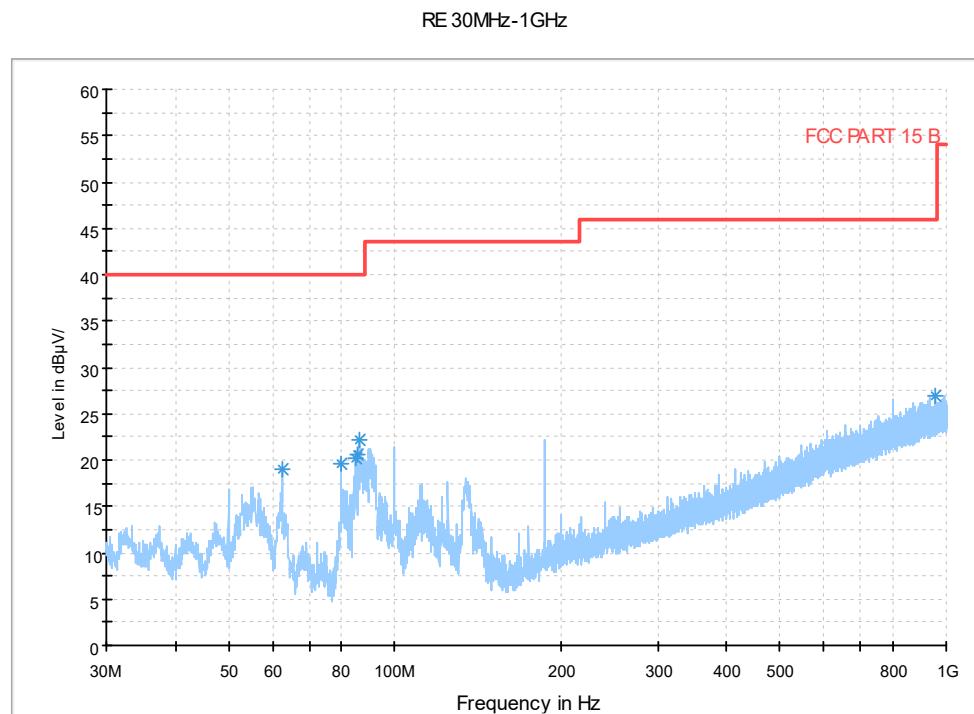


Fig.35 Radiated emission: 1M Ch0, 30MHz-1GHz

Final Result

Frequency	MaxPeak -ClearWri	MaxPeak -MaxHol	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.052000	19.6	19.6	200.0	H	270.0	-21.2
85.047500	20.3	20.3	200.0	H	90.0	-20.3
85.872000	20.6	20.6	200.0	H	0.0	-20.2
86.017500	22.1	22.1	200.0	H	0.0	-20.1
953.682500	26.8	26.8	200.0	H	90.0	-3.8

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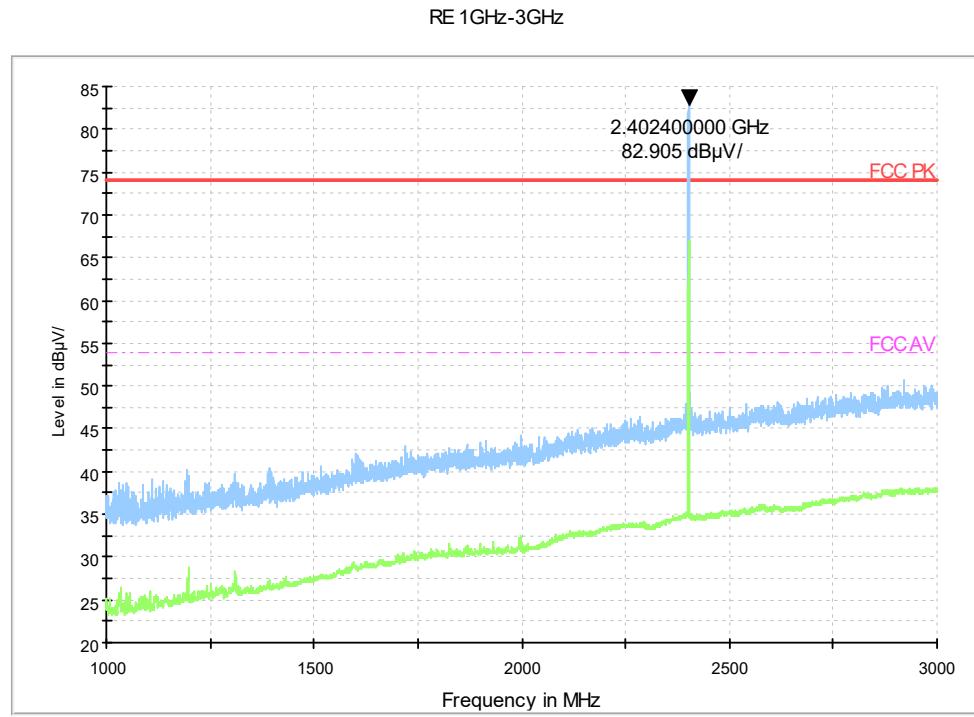


Fig.36 Radiated emission: 1M Ch0, 1GHz-3GHz

RE 3GHz-18GHz

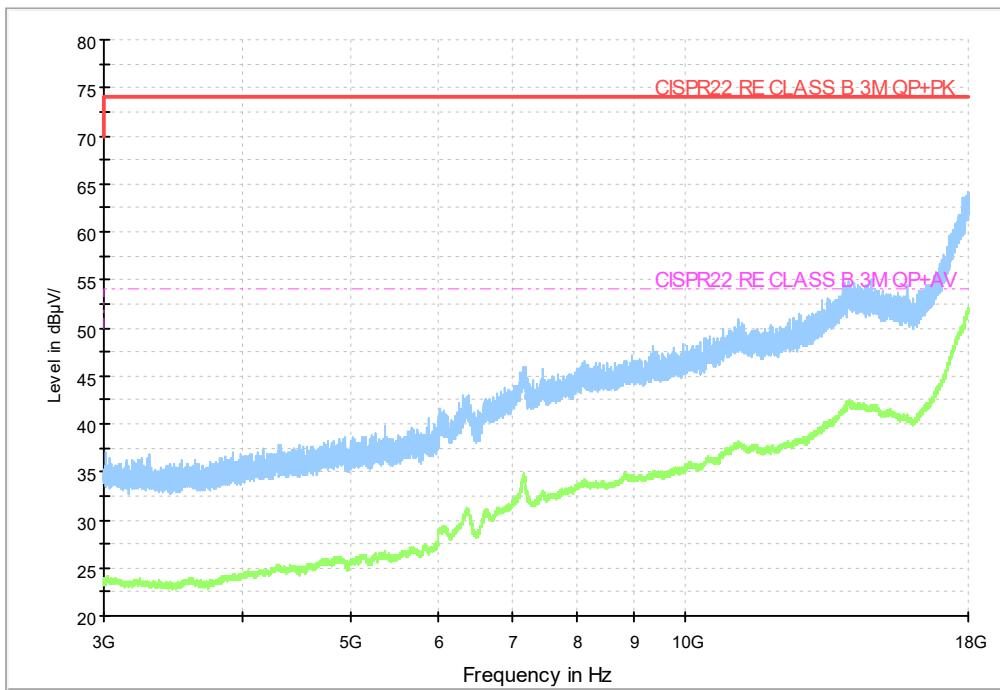


Fig.37 Radiated emission: Ch0, 3GHz-18GHz

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RE 30MHz-1GHz

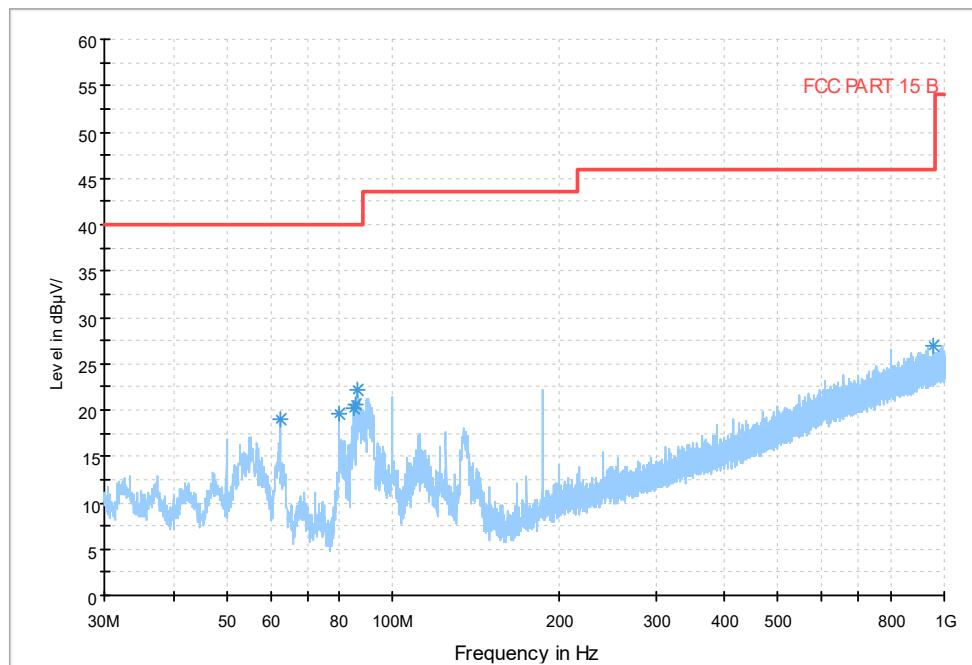


Fig.38 Radiated emission: 1M Ch19, 30MHz-1GHz

Final Result

Frequency	MaxPeak-ClearWri	MaxPeak-MaxHol	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.052000	19.6	19.6	200.0	H	270.0	-21.2
85.047500	20.3	20.3	200.0	H	90.0	-20.3
85.872000	20.6	20.6	200.0	H	0.0	-20.2
86.017500	22.1	22.1	200.0	H	0.0	-20.1
953.682500	26.8	26.8	200.0	H	90.0	-3.8

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RE 1GHz-3GHz

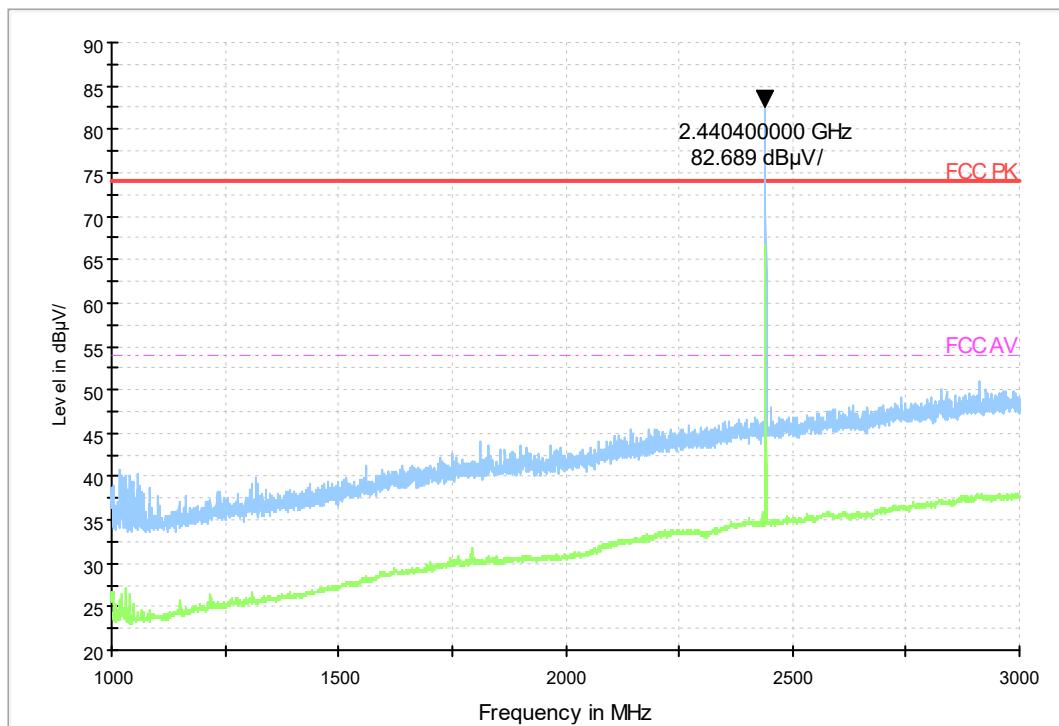


Fig.39 Radiated emission: 1M Ch19, 1GHz-3GHz

RE 3GHz-18GHz

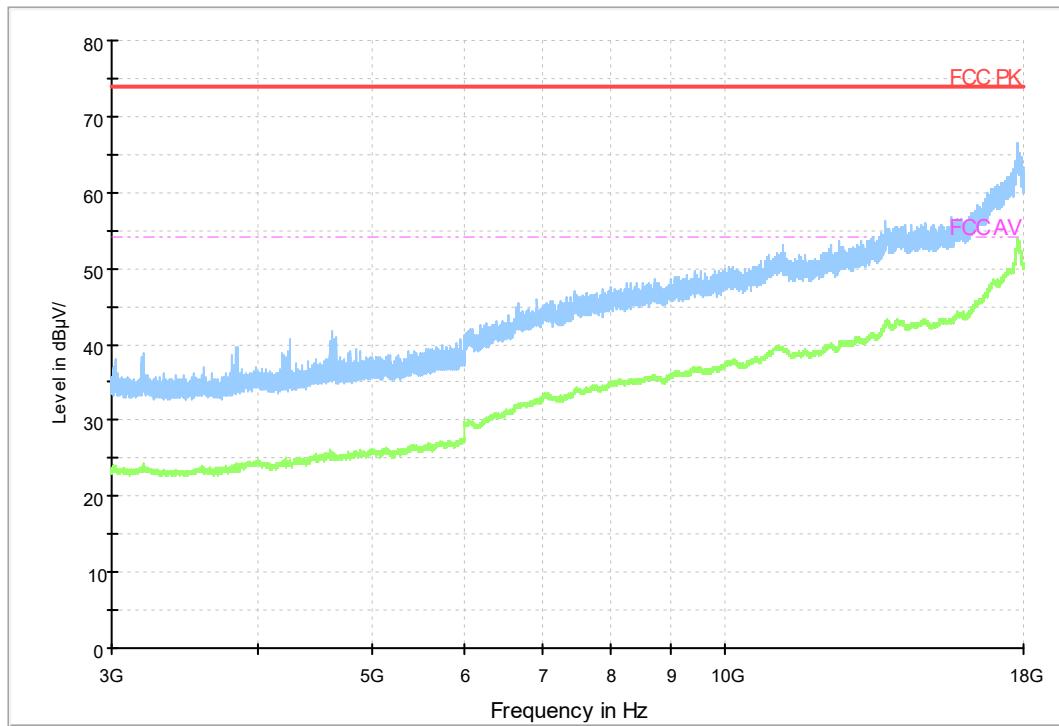


Fig.40 Radiated emission: 1M Ch19, 3GHz-18GHz

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RE 30MHz-1GHz

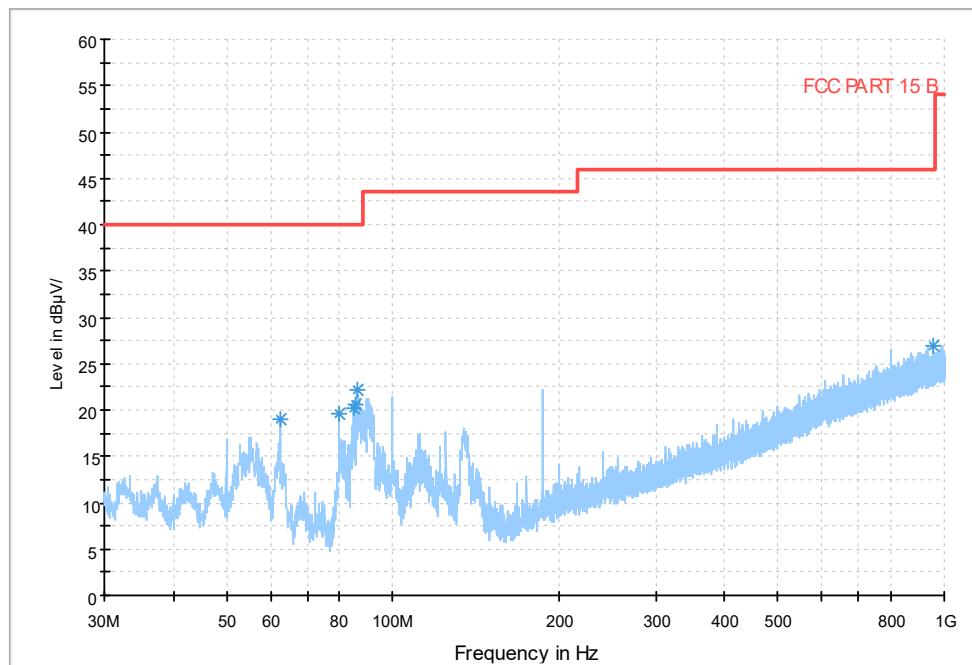


Fig.41 Radiated emission: 1M Ch39, 30MHz-1GHz

Final Result

Frequency	MaxPeak-ClearWri	MaxPeak-MaxHol	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.052000	19.6	19.6	200.0	H	270.0	-21.2
85.047500	20.3	20.3	200.0	H	90.0	-20.3
85.872000	20.6	20.6	200.0	H	0.0	-20.2
86.017500	22.1	22.1	200.0	H	0.0	-20.1
953.682500	26.8	26.8	200.0	H	90.0	-3.8

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RE 1GHz-3GHz

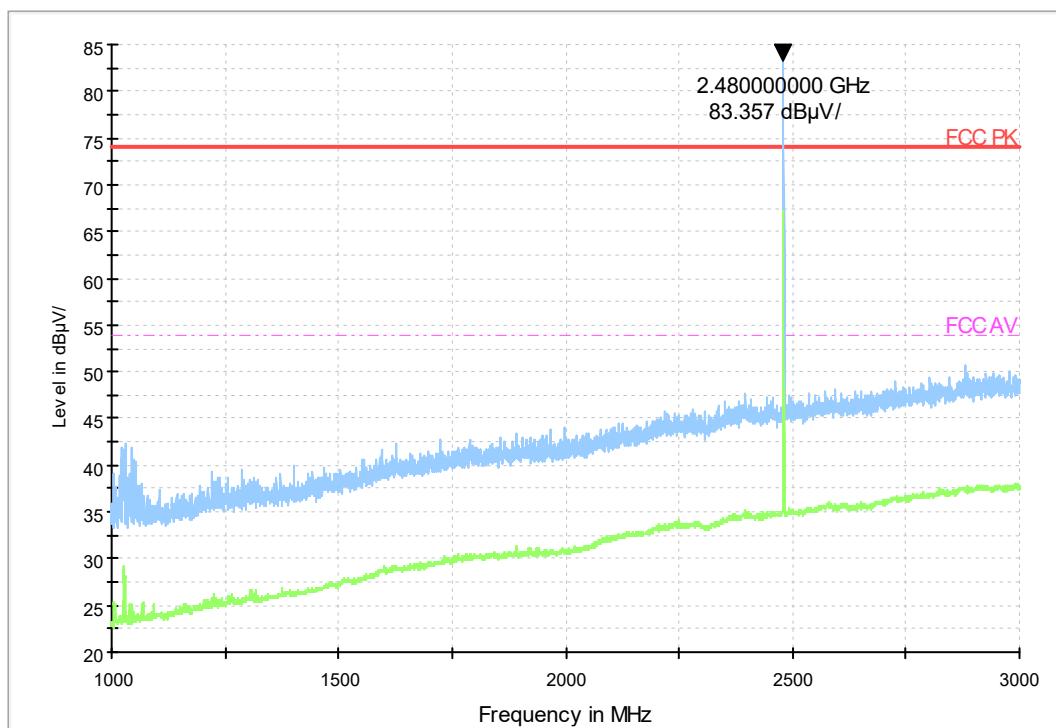


Fig.42 Radiated emission: 1M Ch39, 1GHz-3GHz

RE 3GHz-18GHz

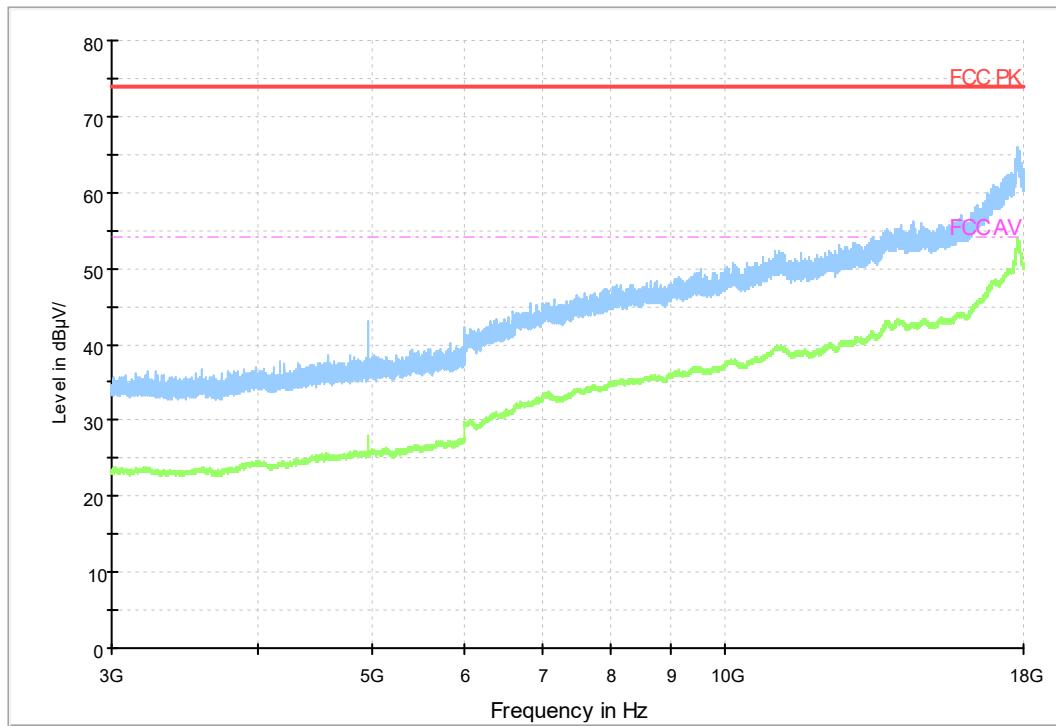


Fig.43 Radiated emission: 1M Ch39, 3GHz-18GHz

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RE 30MHz-1GHz

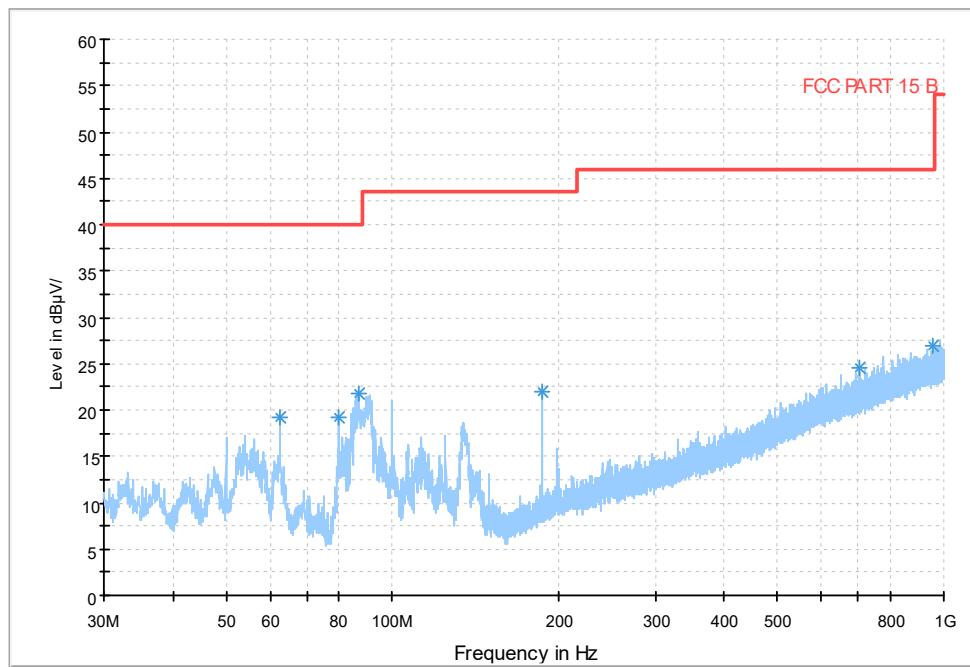


Fig.44 Radiated emission: 2M Ch0, 30MHz-1GHz

Final Result

Frequenc y	MaxPea k-Clear	MaxPeak- MaxHold	Height (cm)	Polarizati on	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.003500	19.2	19.2	100.0	H	270.0	-21.2
86.890500	21.9	21.9	200.0	H	90.0	-20.3
187.479500	22.0	22.0	100.0	V	0.0	-18.9
103.471000	24.6	24.6	100.0	V	270.0	-6.7
954.264500	26.9	26.9	300.0	H	90.0	-3.7

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RE 1GHz-3GHz

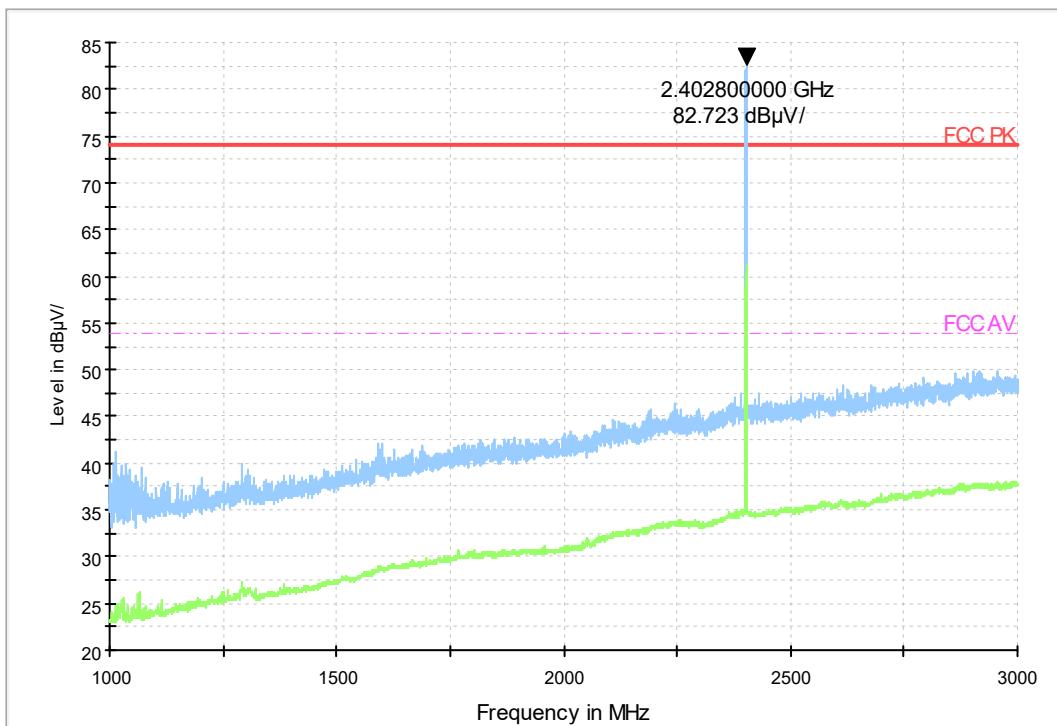


Fig.45 Radiated emission: 2M Ch0, 1GHz-3GHz

RE 3GHz-18GHz

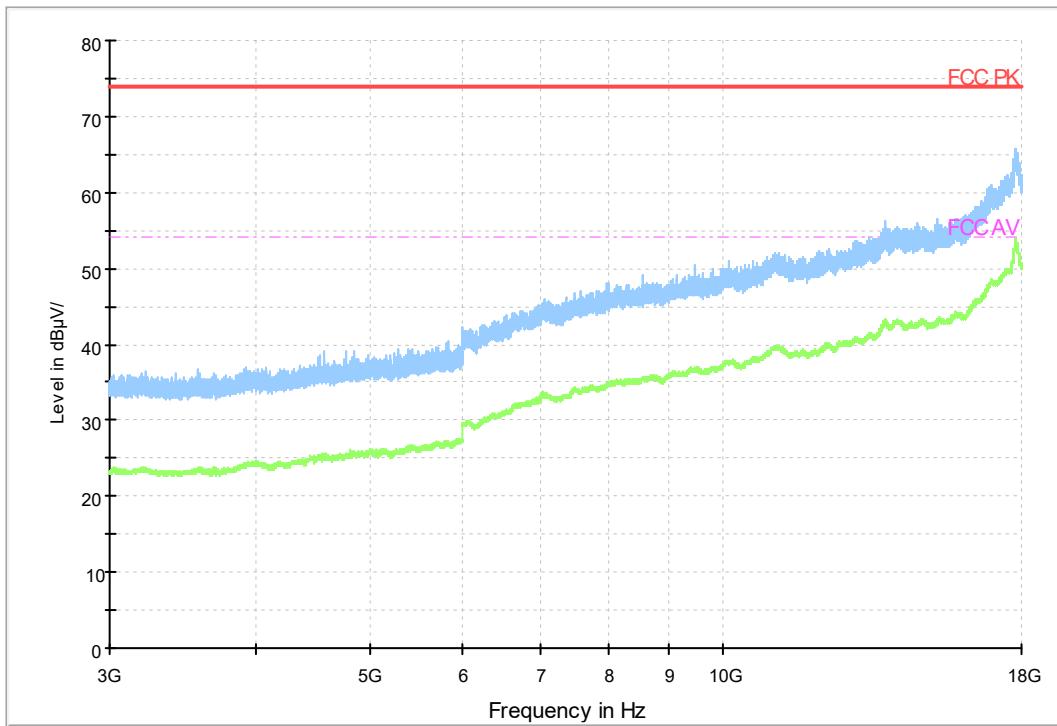


Fig.46 Radiated emission: 2M Ch0, 3GHz-18GHz

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RE 30MHz-1GHz

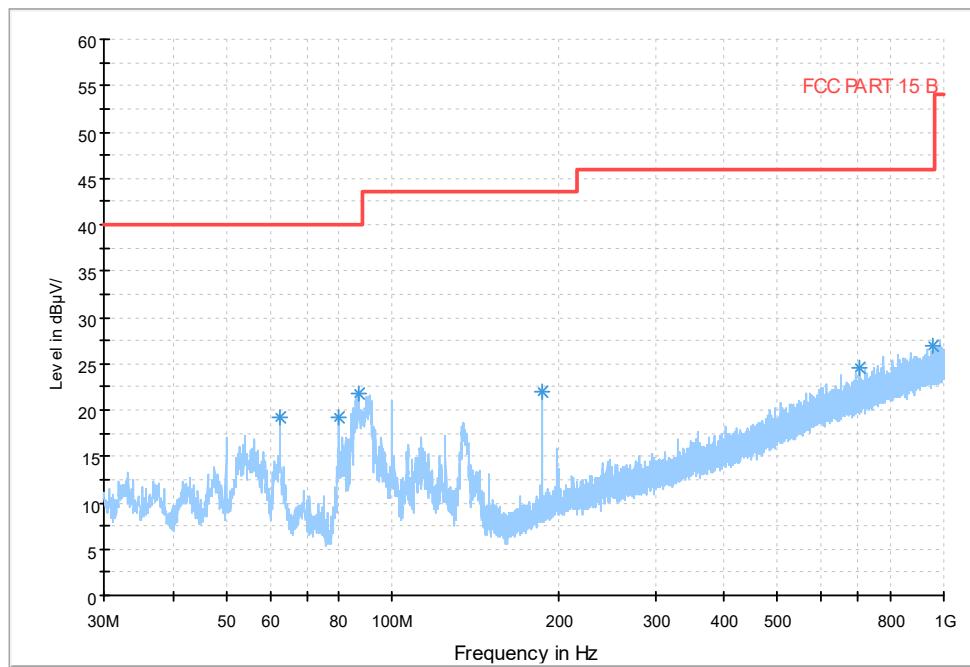


Fig.47 Radiated emission: 2M Ch19, 30MHz-1GHz

Final Result

Frequency	MaxPeak-Clear	MaxPeak-MaxHold	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.003500	19.2	19.2	100.0	H	270.0	-21.2
86.890500	21.9	21.9	200.0	H	90.0	-20.3
187.479500	22.0	22.0	100.0	V	0.0	-18.9
103.471000	24.6	24.6	100.0	V	270.0	-6.7
954.264500	26.9	26.9	300.0	H	90.0	-3.7

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RE 1GHz-3GHz

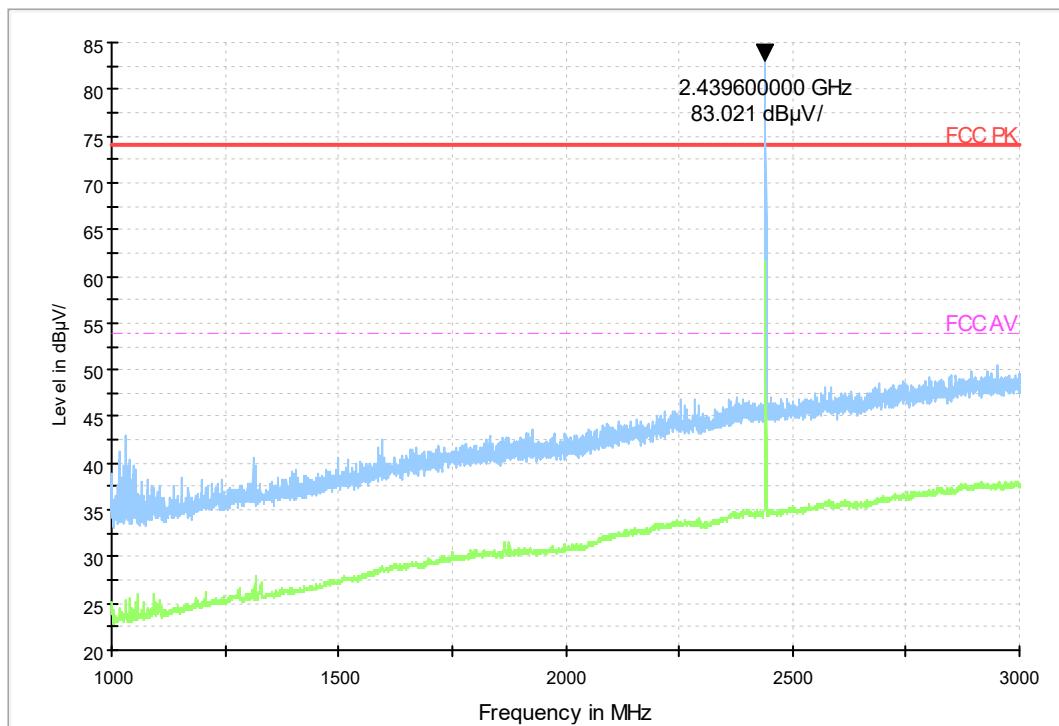


Fig.48 Radiated emission: 2M Ch19, 1GHz-3GHz

RE 3GHz-18GHz

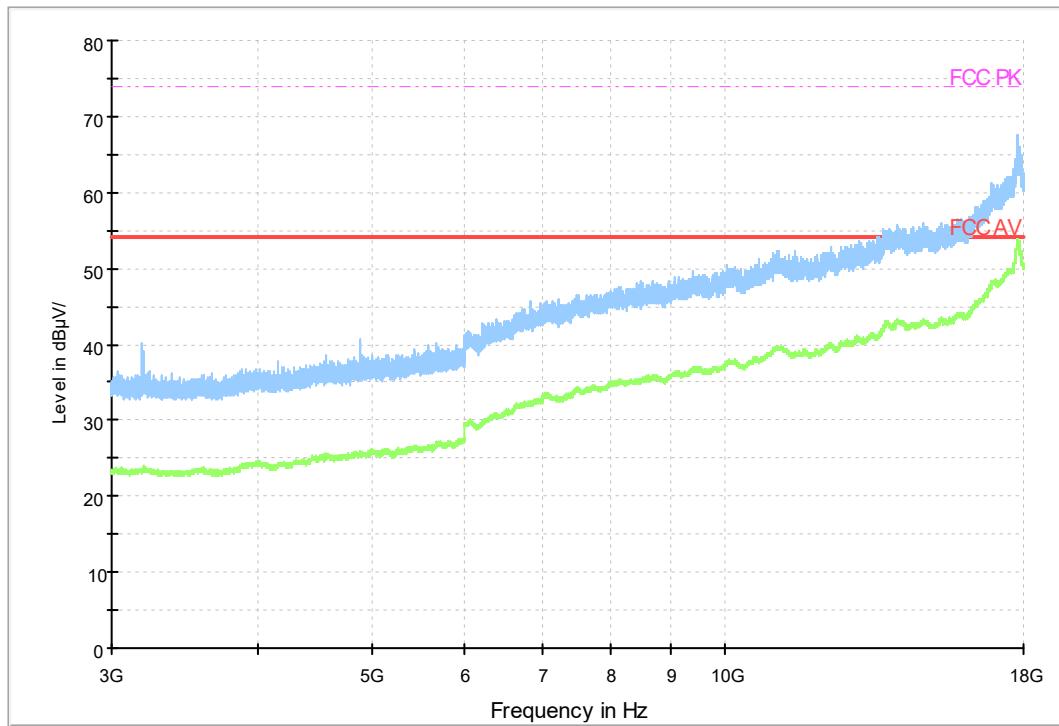


Fig.49 Radiated emission: 2M Ch19, 3GHz-18GHz

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RE 30MHz-1GHz

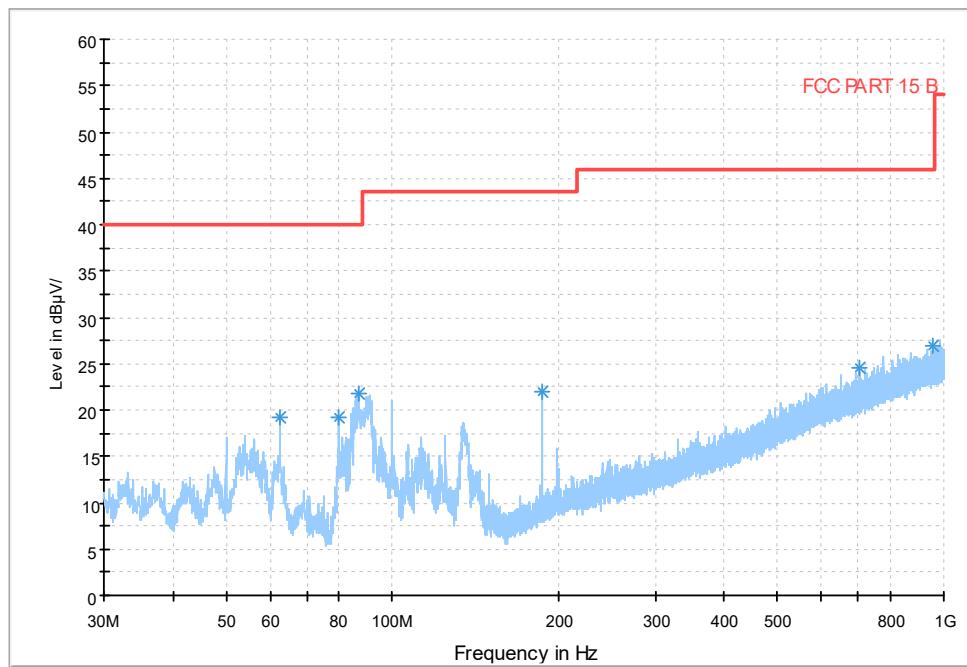


Fig.50 Radiated emission: 2M Ch39, 30MHz-1GHz

Final Result

Frequency	MaxPeak-Clear	MaxPeak-MaxHold	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)
62.495000	19.1	19.1	100.0	H	0.0	-18.9
80.003500	19.2	19.2	100.0	H	270.0	-21.2
86.890500	21.9	21.9	200.0	H	90.0	-20.3
187.479500	22.0	22.0	100.0	V	0.0	-18.9
103.471000	24.6	24.6	100.0	V	270.0	-6.7
954.264500	26.9	26.9	300.0	H	90.0	-3.7

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RE 1GHz-3GHz

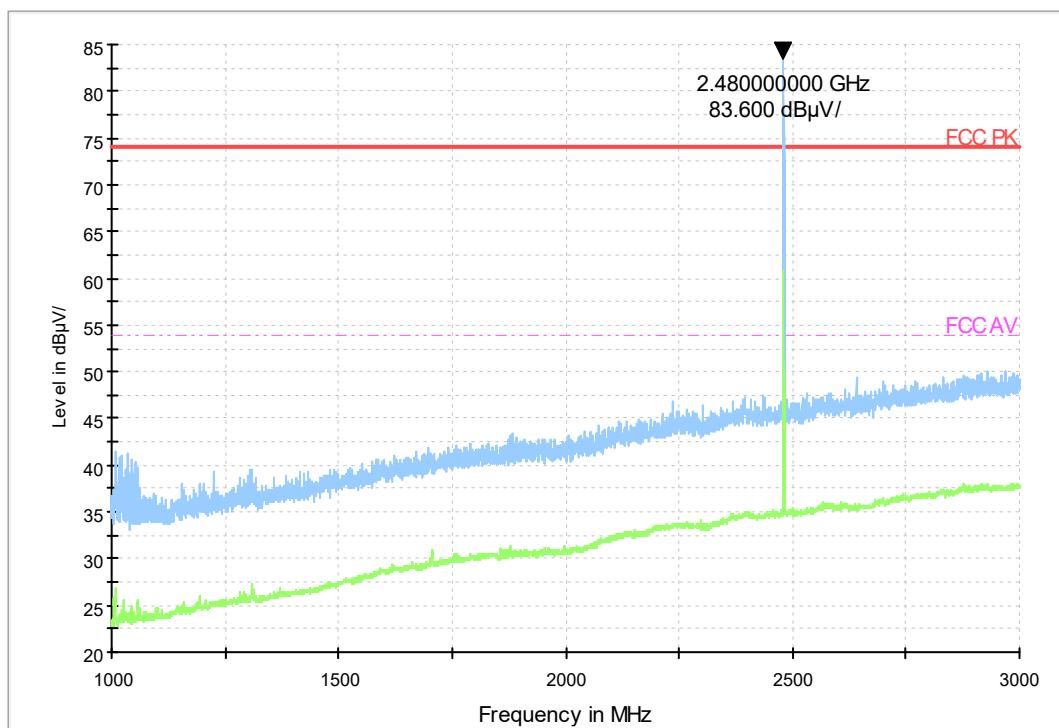


Fig.51 Radiated emission: 2M Ch39, 1GHz-3GHz

RE 3GHz-18GHz

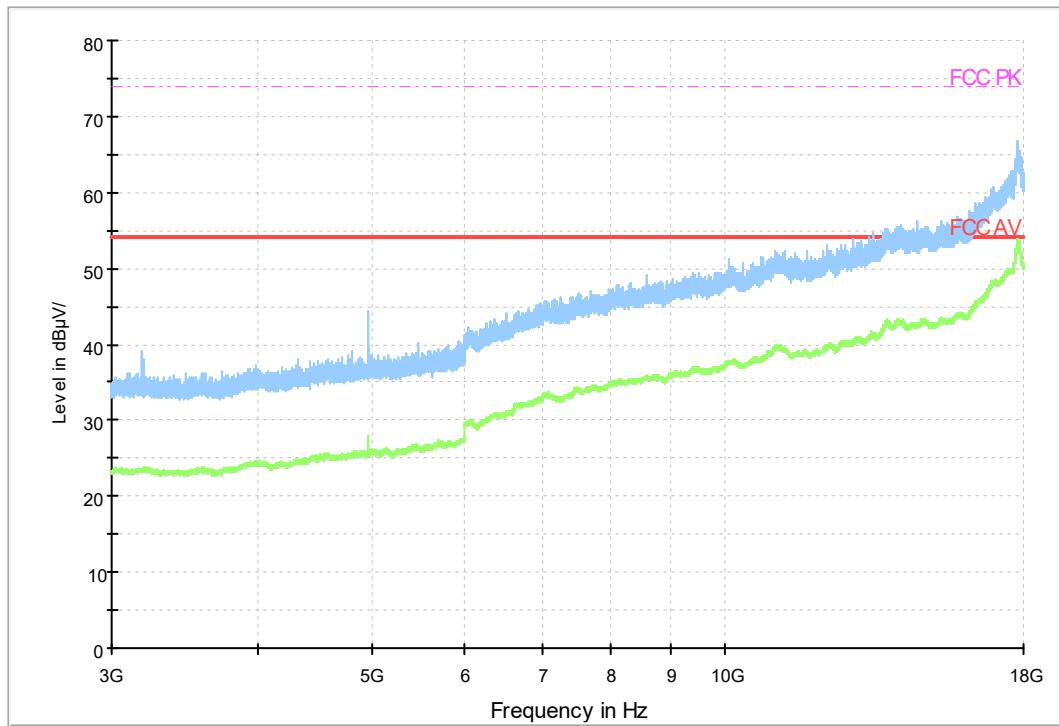


Fig.52 Radiated emission: 2M Ch39, 3GHz-18GHz

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OxyQd FCCPart15C 92G

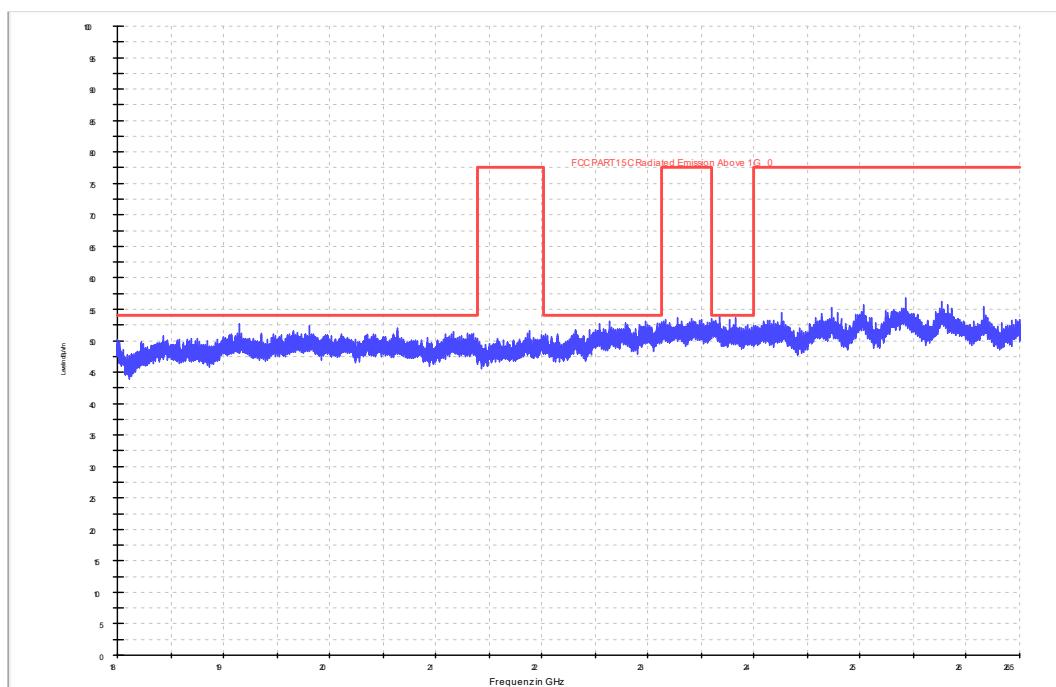


Fig.53 Radiated emission: 18 GHz - 26 GHz

Test photo

See the Pic1- Pic 2 in document "Pod Lite _Wifi_BT_Test Setup Photos".

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Annex A EUT Photos

See the document " Pod Lite -External Photos".

See the document " Pod Lite -Internal Photos".

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ANNEX B Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

End Of Report

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