

# Measurement Results

1-9152/19-01-07\_log1\_conducted

[Test logging](#)

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## IUT Summary

IUT DEFINITION & Common settings	
Manufacturer	Bosch
Type	AIVIH61L1
Serial No.   Setup No.	0000072 TST1645901 A 283C32142R 001 001 33K
SW Version   HW Version	NI   NI
Comment 1   2	
Tlow   Tmid   Thigh [°C]	-30   20   70
Vlow   Vmid   Vhigh [V] @Imax [A]	12.15   13.5   14.85 @1
Auto Control enabled Power Supply   Climatic Box	No   No
Antenna Gain [dBi]	0
Additional Path Loss [dB]	0

IUT Common Settings WLAN5Gx	
Number of Antenna Ports	1
User Interaction	Yes

## 1. Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	25.11.2019 15:39:45
System Version	1.0.0.24
Test Specification	---
Test Method	
Class / TC Version / TC ID	TC_VM_Common5Gx_PeakOP_3MHz_3MHz_V01 Version: 0.0.1   TCID_FCC15407_5
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-1
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

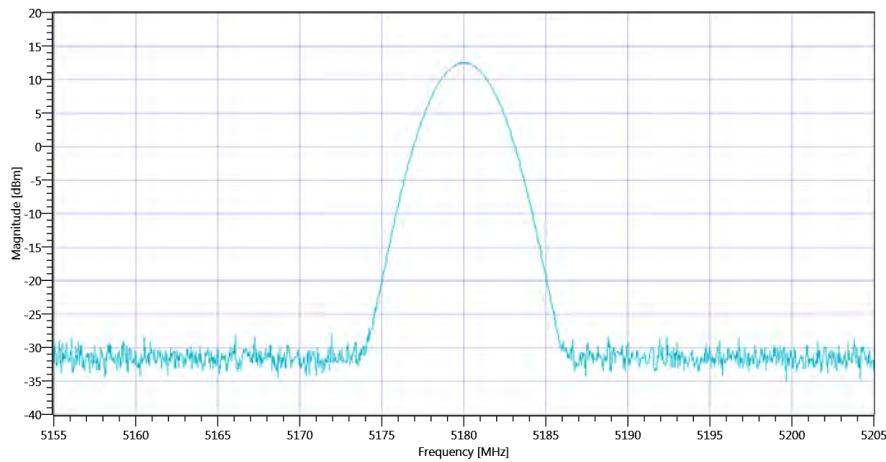
## Test at TX 5180 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	24.57   14.19   30
Start [MHz]   Stop [MHz]	5155.000   5205.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	12.54	dBm	Information
Peak Power	--	--	17.947336	mW	Information
Frequency at Peak	--	--	5180	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-1\_25112019\_154023.png

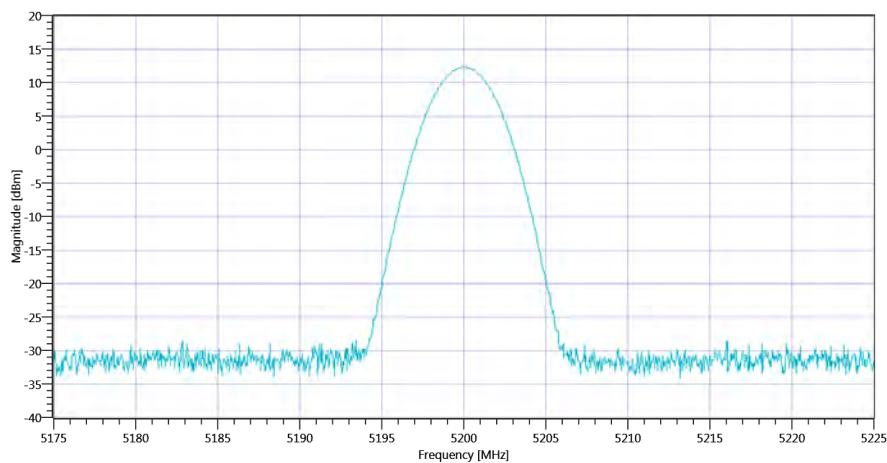
## Test at TX 5200 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	24.48   14.37   30
Start [MHz]   Stop [MHz]	5175.000   5225.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	12.35	dBm	Information
Peak Power	--	--	17.179084	mW	Information
Frequency at Peak	--	--	5200	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-1\_25112019\_154130.png

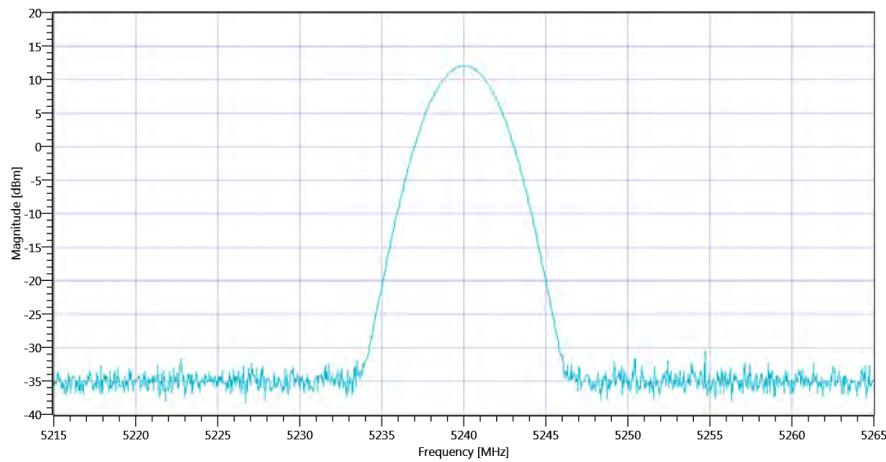
## Test at TX 5240 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	24.23   14.57   25
Start [MHz]   Stop [MHz]	5215.000   5265.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	12.1	dBm	Information
Peak Power	--	--	16.218101	mW	Information
Frequency at Peak	--	--	5240.05	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-1\_25112019\_154235.png

**TEST FINISHED**

General Verdict

25.11.2019 15:42:35 / RT: 170 s

PASS

## 2. Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	25.11.2019 15:42:48
System Version	1.0.0.24
Test Specification	---
Test Method	
Class / TC Version / TC ID	TC_VM_Common5Gx_PeakOP_3MHz_3MHz_V01 Version: 0.0.1   TCID_FCC15407_5
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

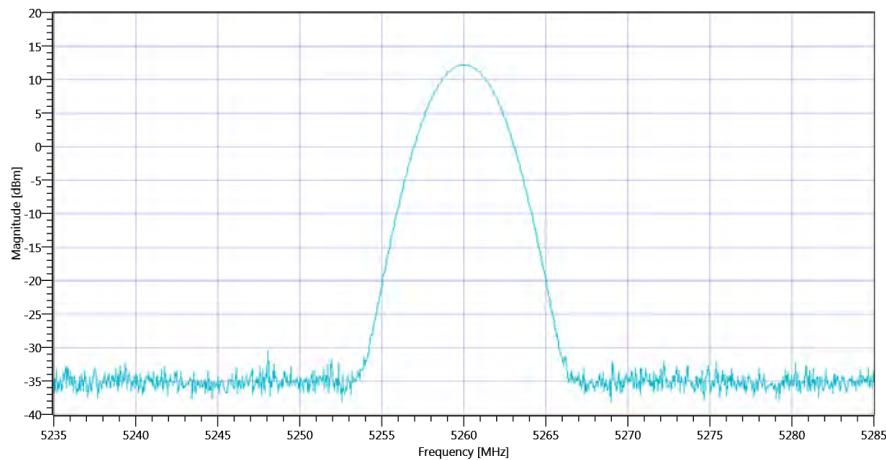
## Test at TX 5260 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	24.34   14.58   25
Start [MHz]   Stop [MHz]	5235.000   5285.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	12.28	dBm	Information
Peak Power	--	--	16.904409	mW	Information
Frequency at Peak	--	--	5260.05	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2A\_25112019\_154312.png

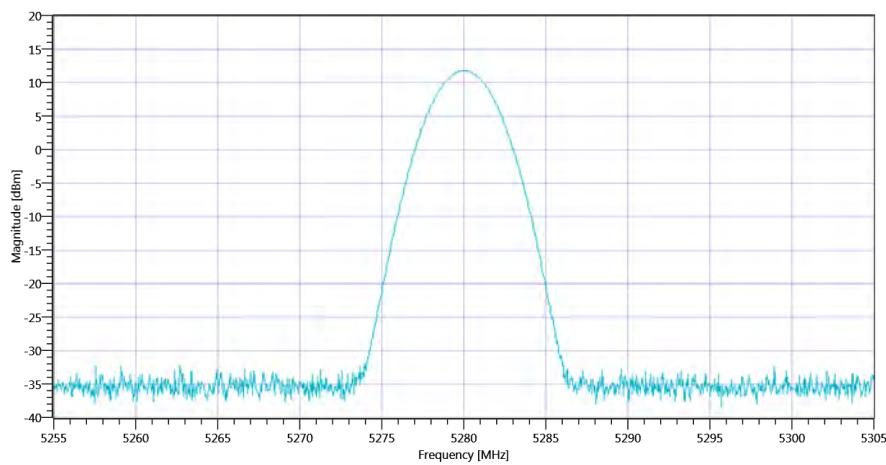
## Test at TX 5280 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	23.87   14.37   25
Start [MHz]   Stop [MHz]	5255.000   5305.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	11.8	dBm	Information
Peak Power	--	--	15.135612	mW	Information
Frequency at Peak	--	--	5280	MHz	Information



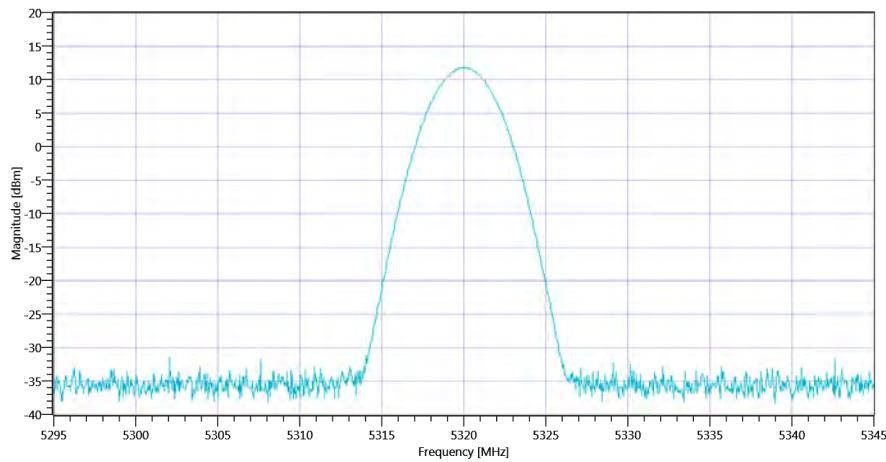
## Test at TX 5320 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	23.83   14.09   25
Start [MHz]   Stop [MHz]	5295.000   5345.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	11.8	dBm	Information
Peak Power	--	--	15.135612	mW	Information
Frequency at Peak	--	--	5320	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2A\_25112019\_154525.png

**TEST FINISHED**

General Verdict

25.11.2019 15:45:25 / RT: 156 s

PASS

### 3. Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	23.10.2019 13:33:51
System Version	1.0.0.21
Test Specification	---
Test Method	
Class / TC Version / TC ID	TC_VM_Common5Gx_PeakOP_3MHz_3MHz_V01 Version: 0.0.1   TCID_FCC15407_5
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

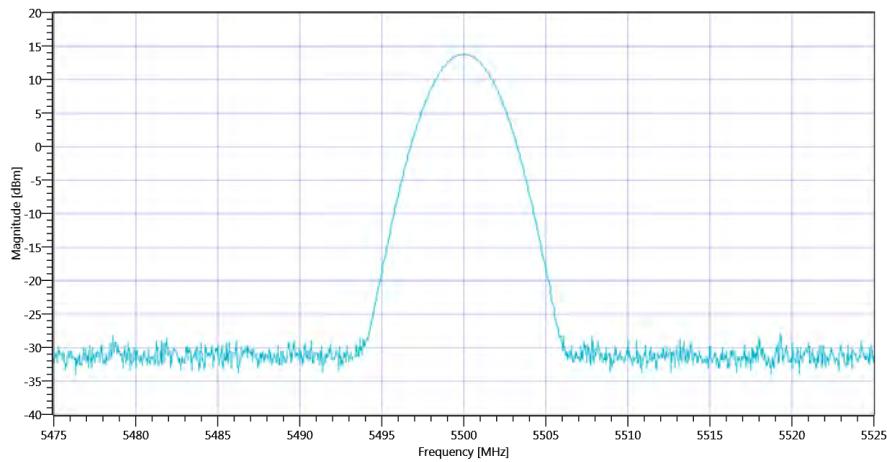
## Test at TX 5500 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.73   14.07   30
Start [MHz]   Stop [MHz]	5475.000   5525.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	13.81	dBm	Information
Peak Power	--	--	24.043628	mW	Information
Frequency at Peak	--	--	5499.9	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2C\_23102019\_133427.png

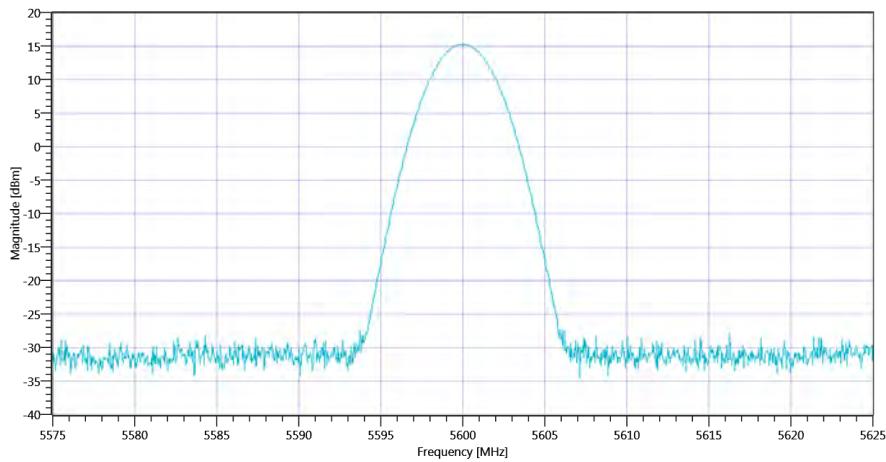
## Test at TX 5600 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	27.14   14.17   30
Start [MHz]   Stop [MHz]	5575.000   5625.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	15.32	dBm	Information
Peak Power	--	--	34.040819	mW	Information
Frequency at Peak	--	--	5600	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2C\_23102019\_133502.png

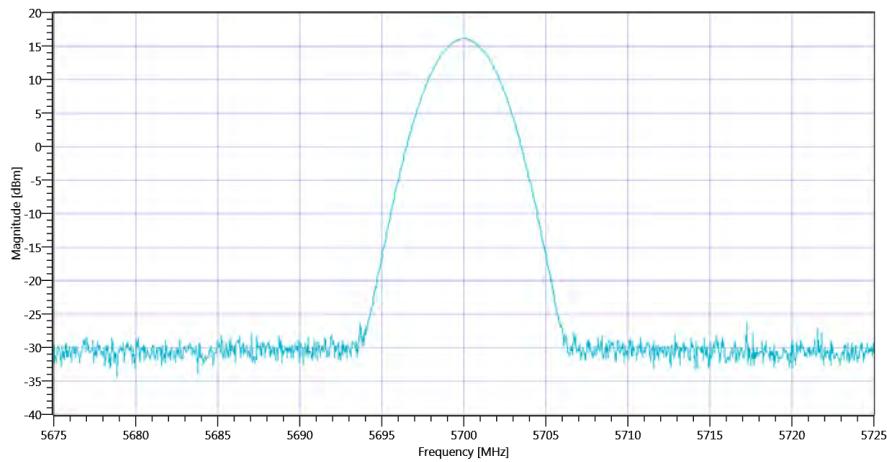
## Test at TX 5700 MHz

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	28.06   14.41   30
Start [MHz]   Stop [MHz]	5675.000   5725.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	16.12	dBm	Information
Peak Power	--	--	40.926066	mW	Information
Frequency at Peak	--	--	5700	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2C\_23102019\_133537.png

### TEST FINISHED

General Verdict

23.10.2019 13:35:37 / RT: 106 s

PASS

## 4. Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	23.10.2019 13:35:41
System Version	1.0.0.21
Test Specification	---
Test Method	
Class / TC Version / TC ID	TC_VM_Common5Gx_PeakOP_3MHz_3MHz_V01 Version: 0.0.1   TCID_FCC15407_5
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

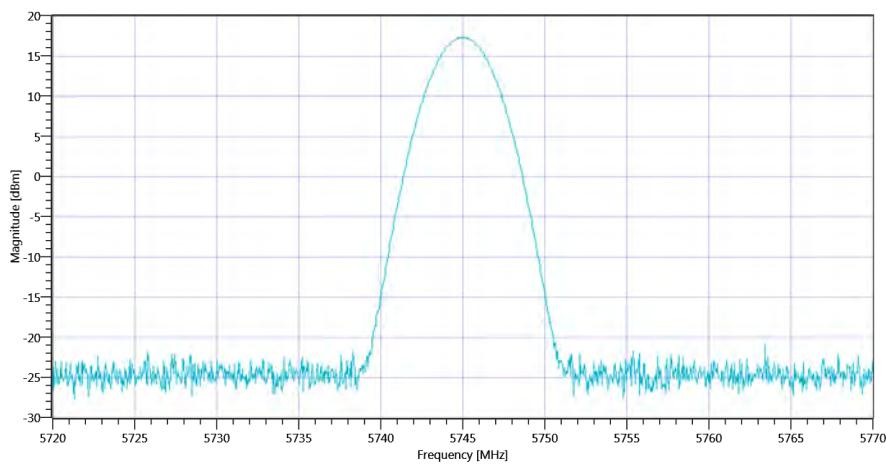
## Test at TX 5745 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	29.29   14.24   35
Start [MHz]   Stop [MHz]	5720.000   5770.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	17.32	dBm	Information
Peak Power	--	--	53.951062	mW	Information
Frequency at Peak	--	--	5745.1	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3\_23102019\_133629.png

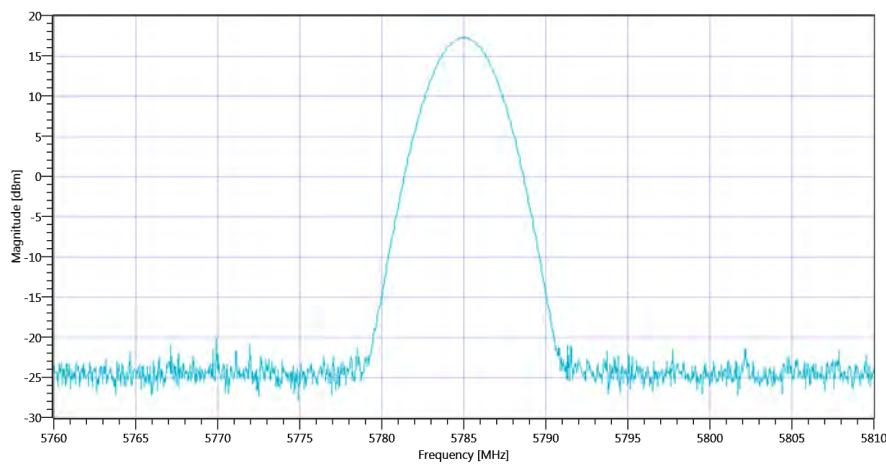
## Test at TX 5785 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	29.31   14.27   35
Start [MHz]   Stop [MHz]	5760.000   5810.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	17.3	dBm	Information
Peak Power	--	--	53.70318	mW	Information
Frequency at Peak	--	--	5785.05	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3\_23102019\_134028.png

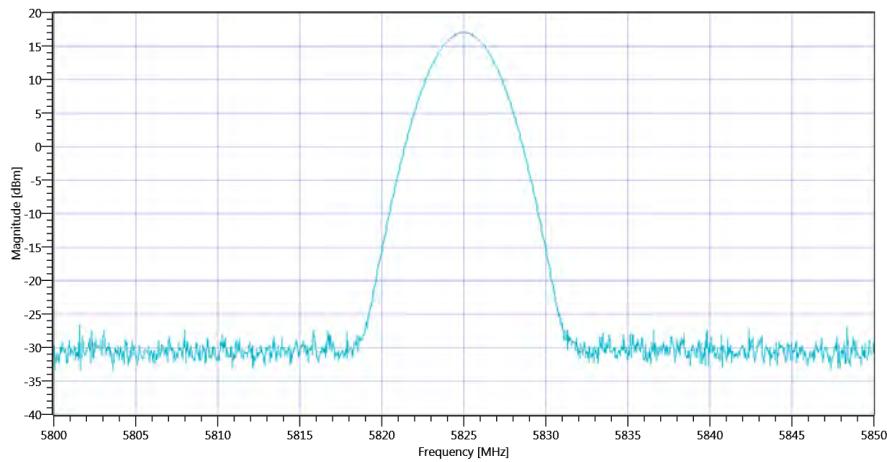
## Test at TX 5825 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	28.98   14.33   30
Start [MHz]   Stop [MHz]	5800.000   5850.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	17.03	dBm	Information
Peak Power	--	--	50.46613	mW	Information
Frequency at Peak	--	--	5825.1	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3\_23102019\_134107.png

**TEST FINISHED**

General Verdict

23.10.2019 13:41:07 / RT: 326 s

PASS

## 5. Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:32:25
System Version	1.0.0.21
Test Specification	---
Test Method	
Class / TC Version / TC ID	TC_VM_Common5Gx_PeakOP_3MHz_3MHz_V01 Version: 0.0.1   TCID_FCC15407_5
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

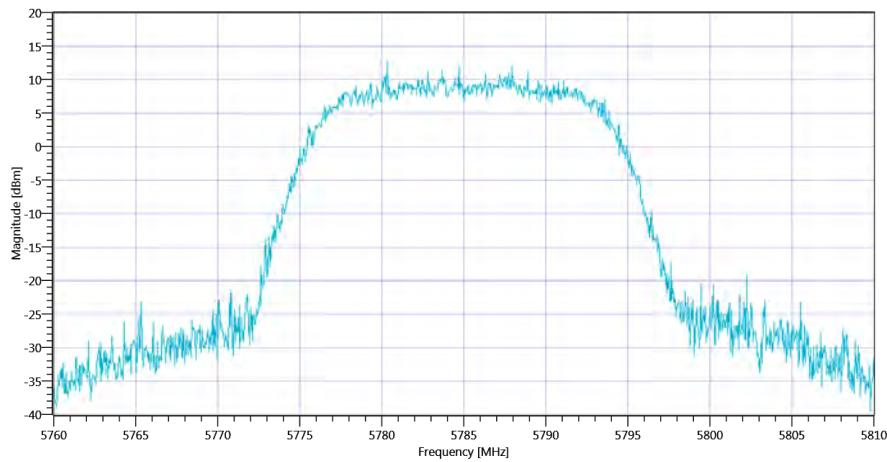
## Test at TX 5785 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.36   14.27   20
Start [MHz]   Stop [MHz]	5760.000   5810.000
RBW [MHz]   VBW [MHz]	3.000000   3.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   10   1001   SWE

**RESULT: TC\_VM\_Common5Gx\_PeakOP\_3MHz\_3MHz\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	--	--	12.85	dBm	Information
Peak Power	--	--	19.275249	mW	Information
Frequency at Peak	--	--	5780.355	MHz	Information



Plot\_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3\_18102019\_123238.png

**TEST FINISHED**

General Verdict

18.10.2019 12:32:39 / RT: 14 s

PASS

## 6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

### Test References

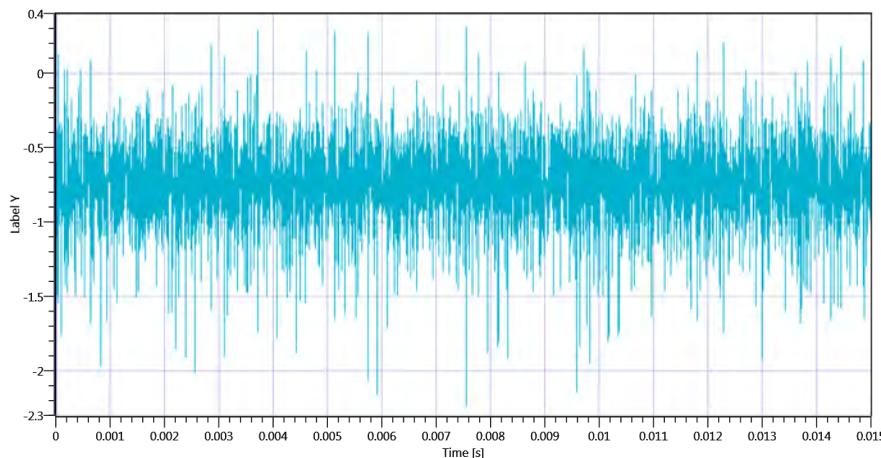
TC Start	04.12.2019 07:44:40
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

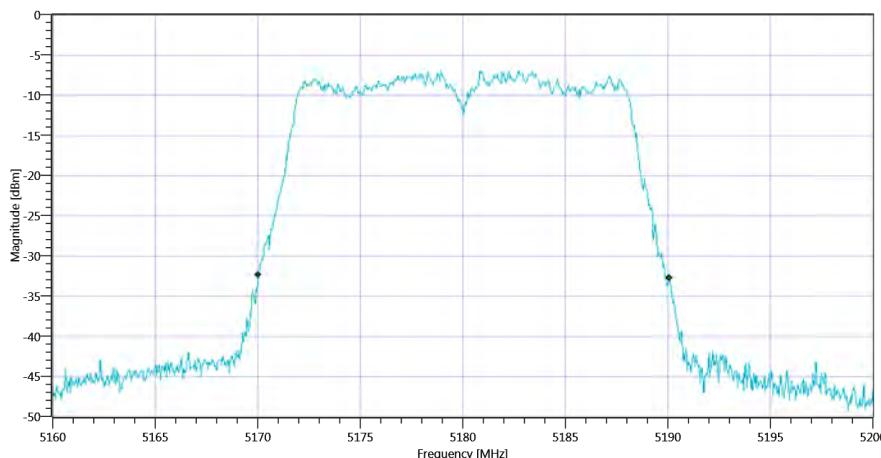
## Test at TX 5180 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5180 MHz - Duty Cycle\_04122019\_074455.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.04	MHz	Information
T1 26dB	--	--	5170.0400	MHz	Information
T2 26dB	--	--	5190.0800	MHz	Information

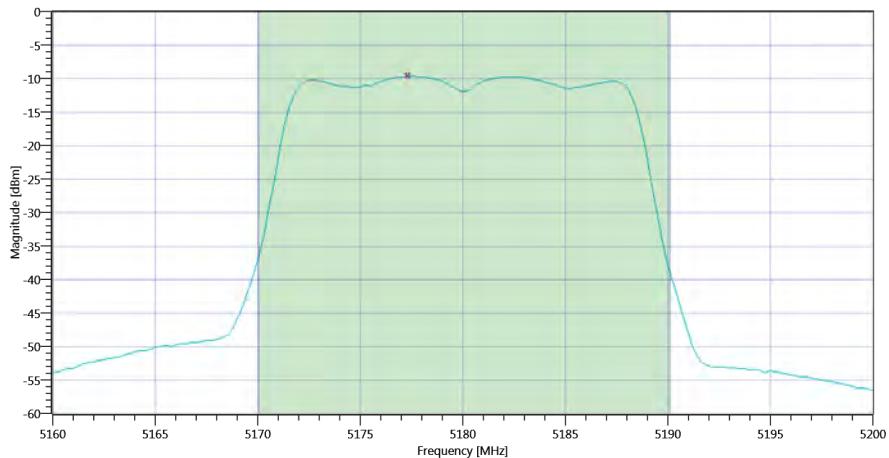


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_074506.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.91   14.19   10
Start [MHz]   Stop [MHz]	5160.000   5200.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.46	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.46	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.02	1.46	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_074520.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.63	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.63	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 07:45:20 / RT: 40 s	PASS

## 7. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

### Test References

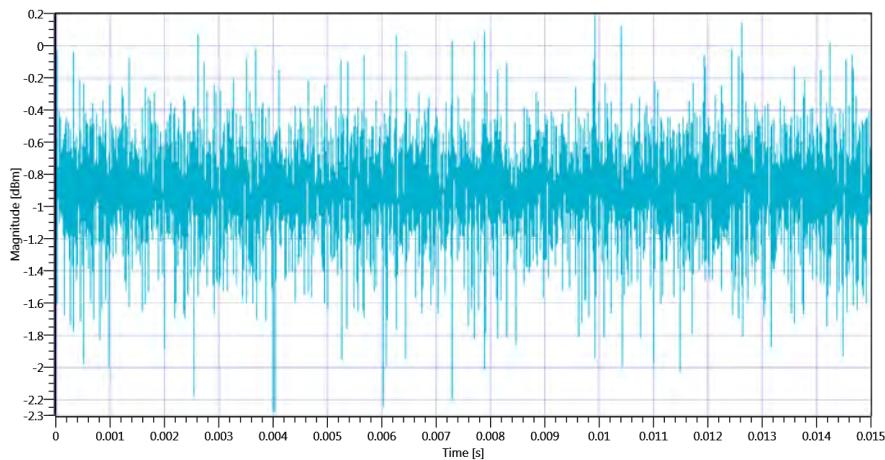
TC Start	04.12.2019 07:50:28
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

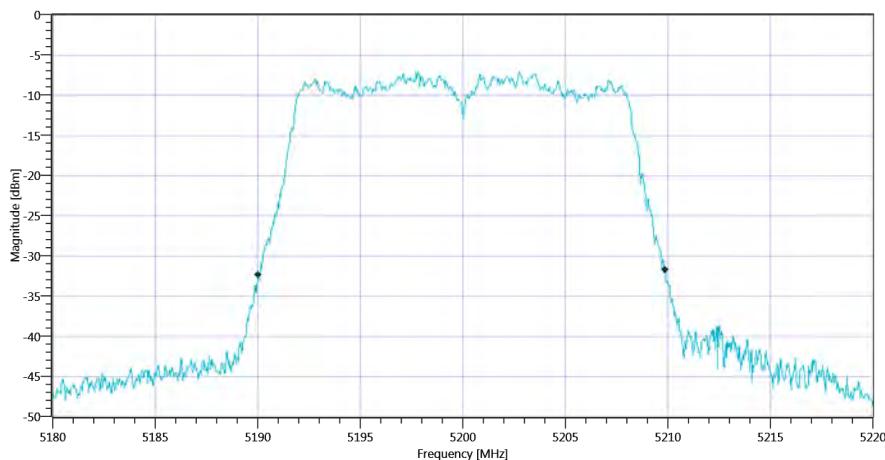
## Test at TX 5200 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5200 MHz - Duty Cycle\_04122019\_075041.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.88	MHz	Information
T1 26dB	--	--	5190.0000	MHz	Information
T2 26dB	--	--	5209.8800	MHz	Information

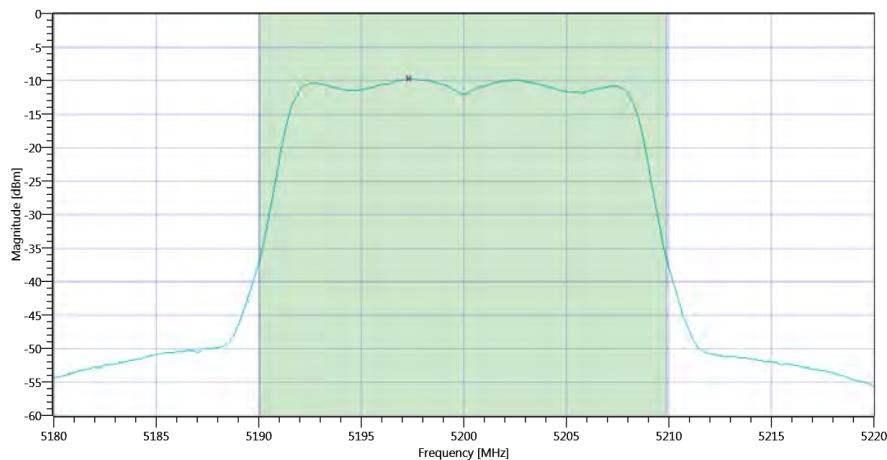


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_075049.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.11   14.37   10
Start [MHz]   Stop [MHz]	5180.000   5220.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.21	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.21	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.98	1.21	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_075102.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.8	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.8	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 07:51:03 / RT: 34 s	PASS

## 8. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

### Test References

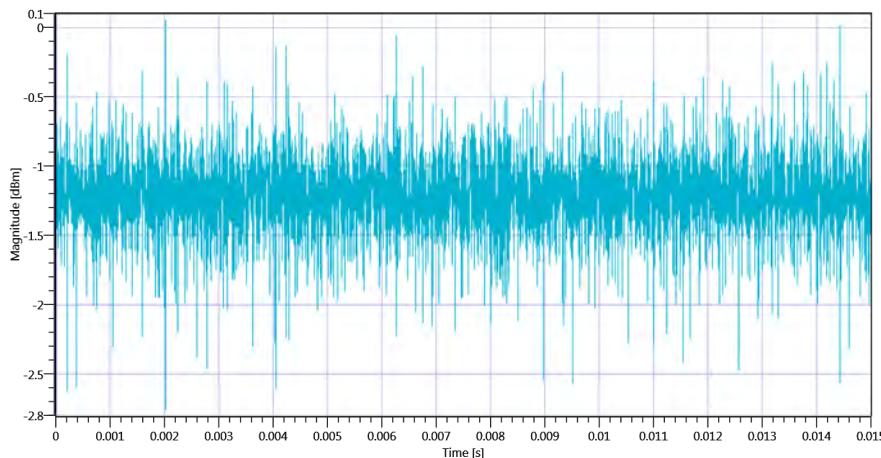
TC Start	04.12.2019 07:54:32
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

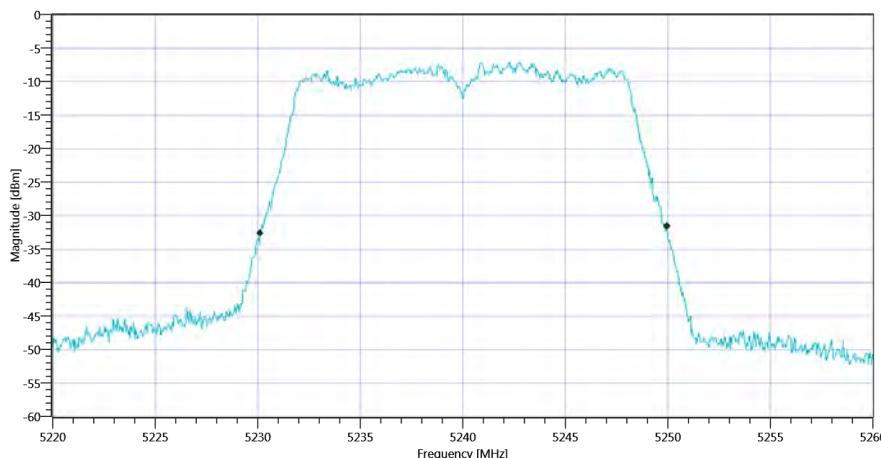
## Test at TX 5240 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5240 MHz - Duty Cycle\_04122019\_075445.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.84	MHz	Information
T1 26dB	--	--	5230.1200	MHz	Information
T2 26dB	--	--	5249.9600	MHz	Information

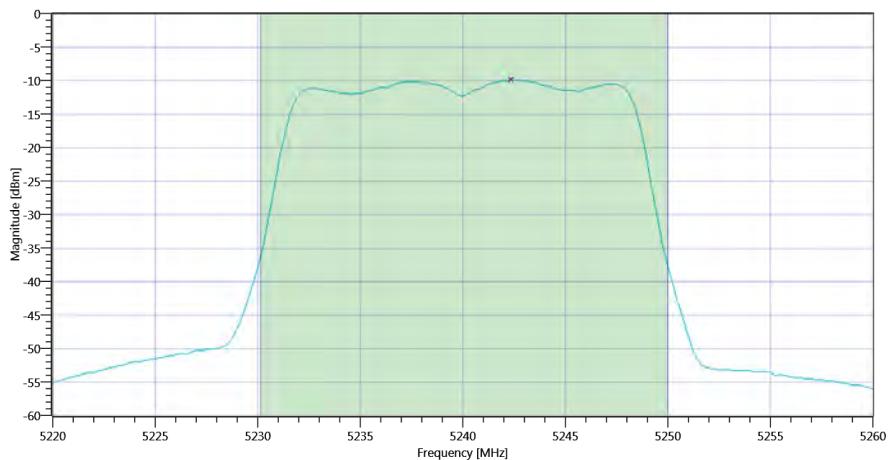


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_075453.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.12   14.57   10
Start [MHz]   Stop [MHz]	5220.000   5260.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.04	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.04	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.98	1.04	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_075506.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.94	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.94	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 07:55:07 / RT: 34 s	PASS

## 9. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

### Test References

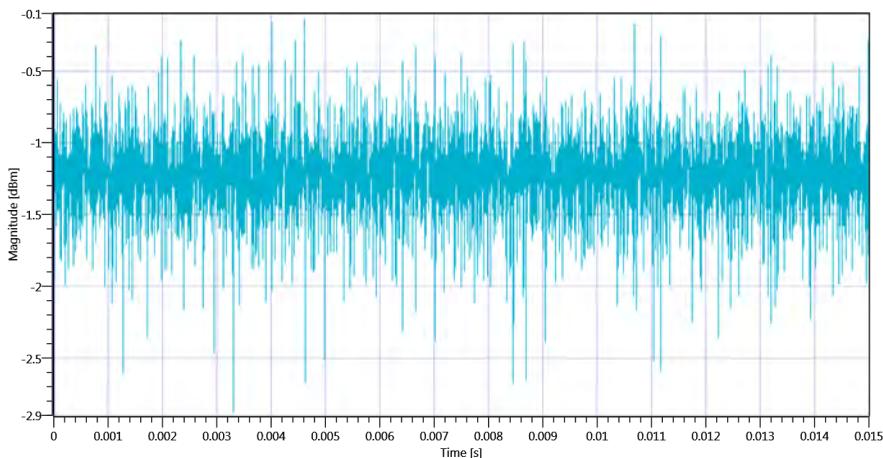
TC Start	04.12.2019 08:13:47
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

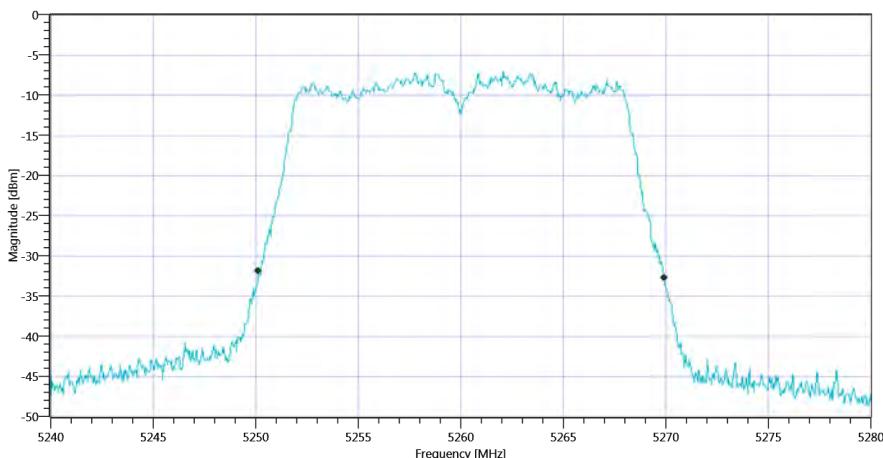
## Test at TX 5260 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5260 MHz - Duty Cycle\_04122019\_081400.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.8	MHz	Information
T1 26dB	--	--	5250.1200	MHz	Information
T2 26dB	--	--	5269.9200	MHz	Information

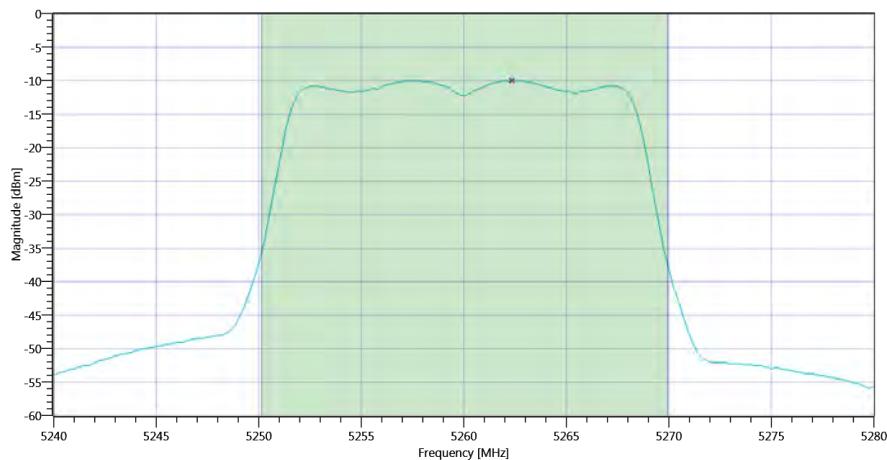


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081407.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.72   14.58   10
Start [MHz]   Stop [MHz]	5240.000   5280.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.08	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.08	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.97	1.08	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_081421.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.98	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.98	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 08:14:21 / RT: 34 s	PASS

## 10. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

### Test References

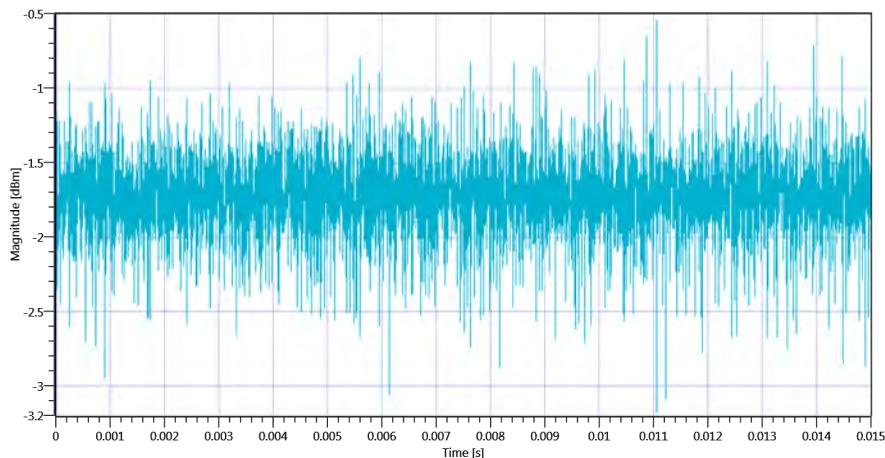
TC Start	04.12.2019 08:16:27
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

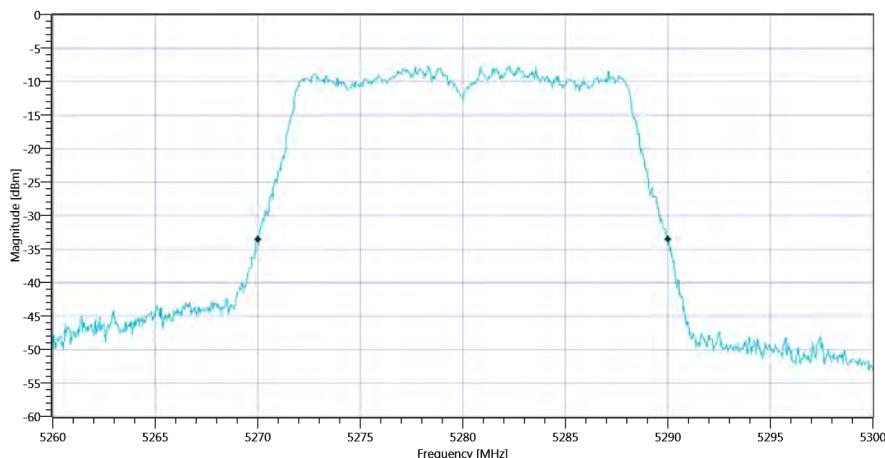
## Test at TX 5280 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5280 MHz - Duty Cycle\_04122019\_081640.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.04	MHz	Information
T1 26dB	--	--	5270.0000	MHz	Information
T2 26dB	--	--	5290.0400	MHz	Information

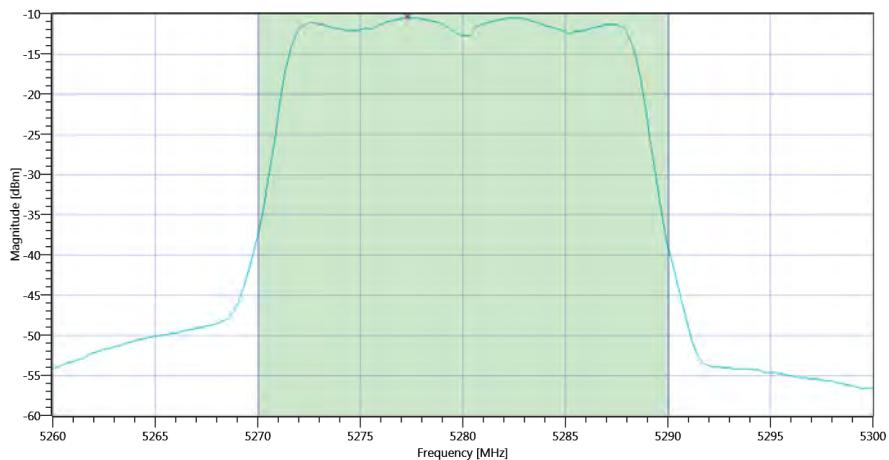


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081648.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.10   14.37   10
Start [MHz]   Stop [MHz]	5260.000   5300.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.59	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.59	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.02	0.59	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_081701.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-10.49	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-10.49	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 08:17:02 / RT: 34 s	PASS

## 11. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

### Test References

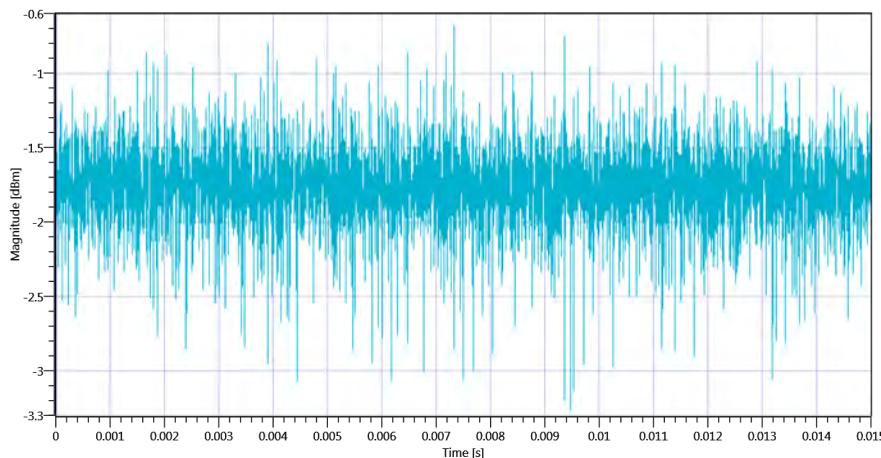
TC Start	04.12.2019 08:18:54
System Version	1.0.0.24
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

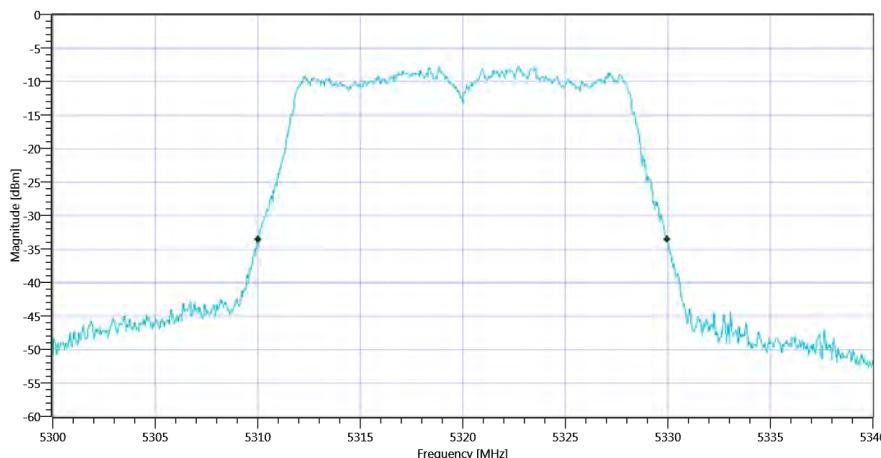
## Test at TX 5320 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5320 MHz - Duty Cycle\_04122019\_081907.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.96	MHz	Information
T1 26dB	--	--	5310.0000	MHz	Information
T2 26dB	--	--	5329.9600	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081915.png

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]

8.98 | 14.09 | 10

Start [MHz] | Stop [MHz]

5300.000 | 5340.000

RBW [MHz] | VBW [MHz]

1.000000 | 3.000000

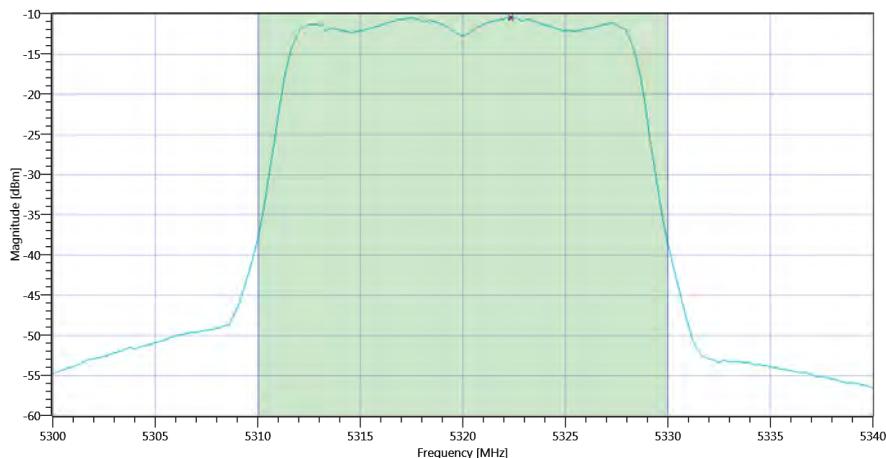
Detector | TraceMode

RMS | MAXH

Sweep: Time [ms] | Count | Points per Section | Type

8000 | 1 | 160 | SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.52	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.52	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24	0.52	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_081928.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-10.56	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-10.56	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 08:19:29 / RT: 35 s	PASS

## 12. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

### Test References

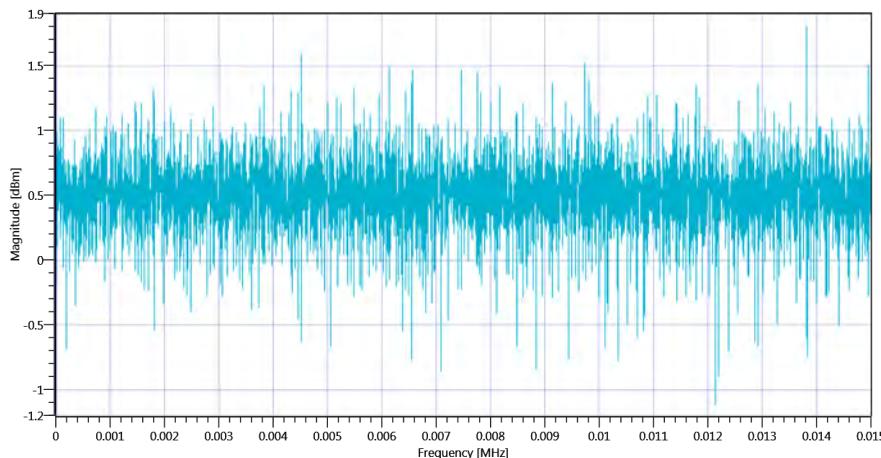
TC Start	18.10.2019 12:20:33
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

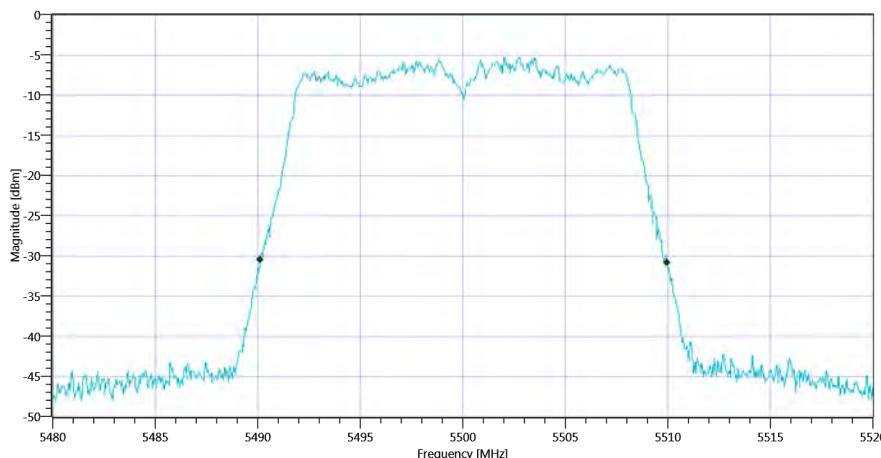
## Test at TX 5500 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5500 MHz - Duty Cycle\_18102019\_122047.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.84	MHz	Information
T1 26dB	--	--	5490.1200	MHz	Information
T2 26dB	--	--	5509.9600	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122055.png

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]

10.96 | 14.07 | 15

Start [MHz] | Stop [MHz]

5480.000 | 5520.000

RBW [MHz] | VBW [MHz]

1.000000 | 3.000000

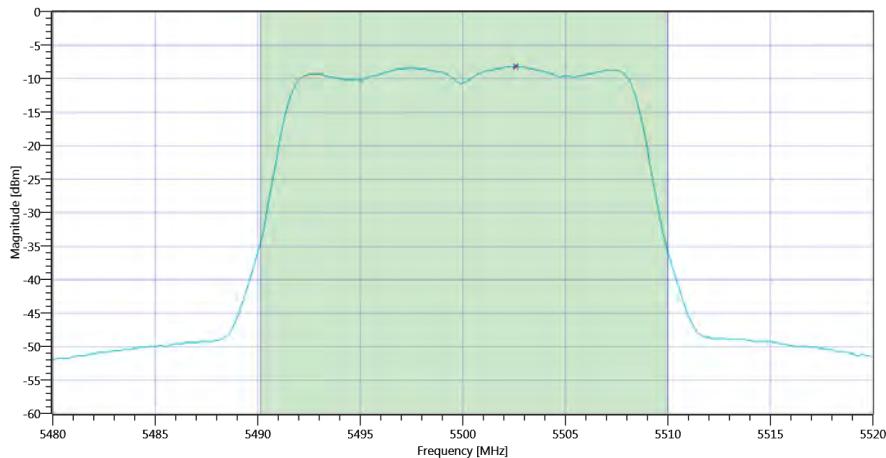
Detector | TraceMode

RMS | MAXH

Sweep: Time [ms] | Count | Points per Section | Type

8000 | 1 | 160 | SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	2.83	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	2.83	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.98	2.83	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_122108.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-8.22	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-8.22	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	18.10.2019 12:21:09 / RT: 35 s	PASS

## 13. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

### Test References

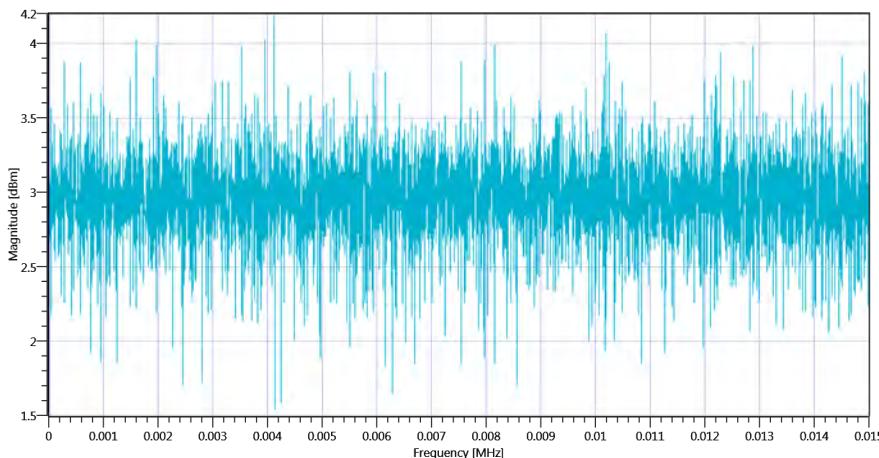
TC Start	18.10.2019 12:23:08
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

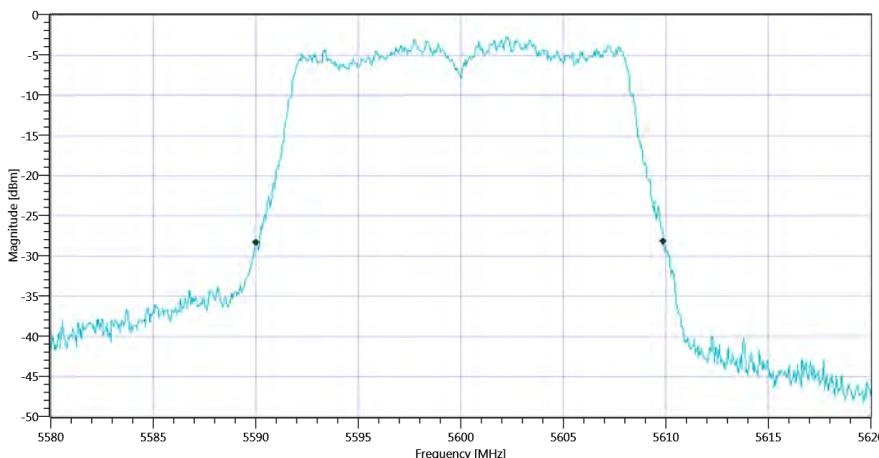
## Test at TX 5600 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5600 MHz - Duty Cycle\_18102019\_122322.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.88	MHz	Information
T1 26dB	--	--	5590.0000	MHz	Information
T2 26dB	--	--	5609.8800	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122329.png

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]

13.44 | 14.17 | 15

Start [MHz] | Stop [MHz]

5580.000 | 5620.000

RBW [MHz] | VBW [MHz]

1.000000 | 3.000000

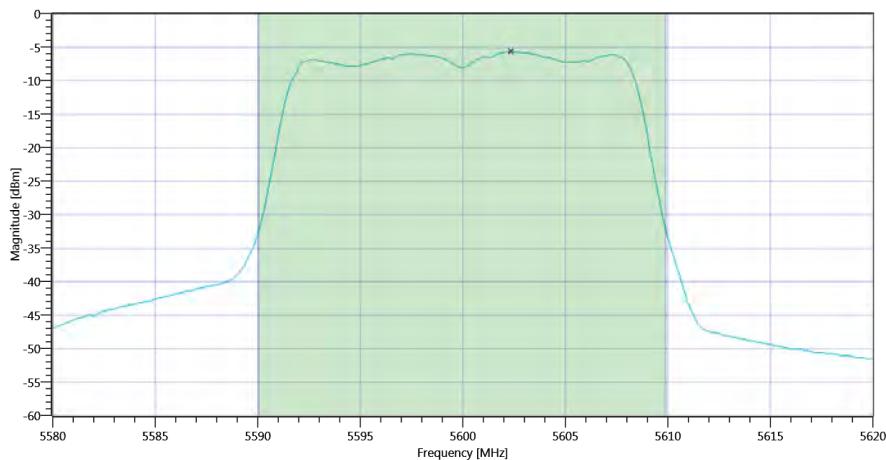
Detector | TraceMode

RMS | MAXH

Sweep: Time [ms] | Count | Points per Section | Type

8000 | 1 | 160 | SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	5.25	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	5.25	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.98	5.25	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_122342.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-5.69	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-5.69	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	18.10.2019 12:23:43 / RT: 35 s	PASS

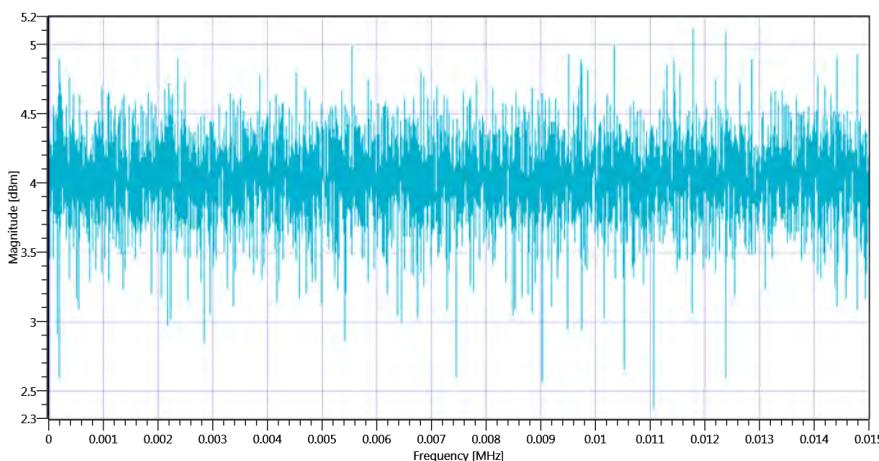
## 14. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:25:42
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

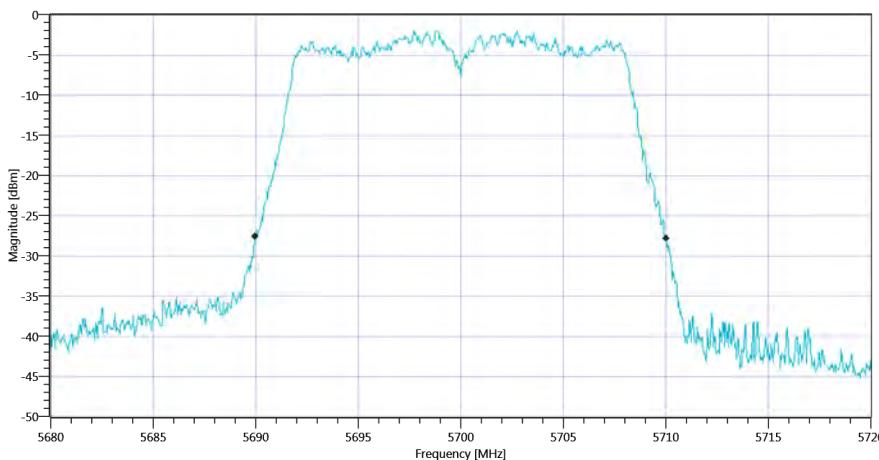
## Test at TX 5700 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5700 MHz - Duty Cycle\_18102019\_122556.png

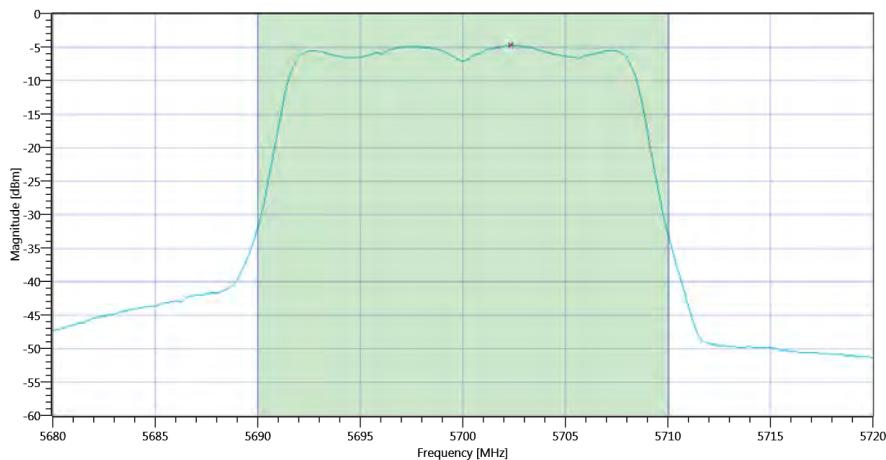
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.04	MHz	Information
T1 26dB	--	--	5689.9600	MHz	Information
T2 26dB	--	--	5710.0000	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122603.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	14.71   14.41   15
Start [MHz]	Stop [MHz]
5680.000	5720.000
RBW [MHz]	VBW [MHz]
1.000000	3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	6.27	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	6.27	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.02	6.27	dBm	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_122616.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.77	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-4.77	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	18.10.2019 12:26:17 / RT: 35 s	PASS

## 15. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

### Test References

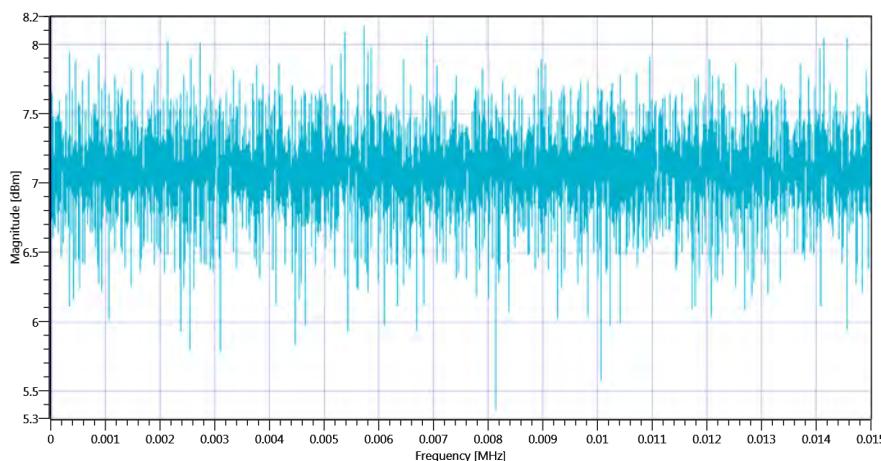
TC Start	18.10.2019 12:28:09
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

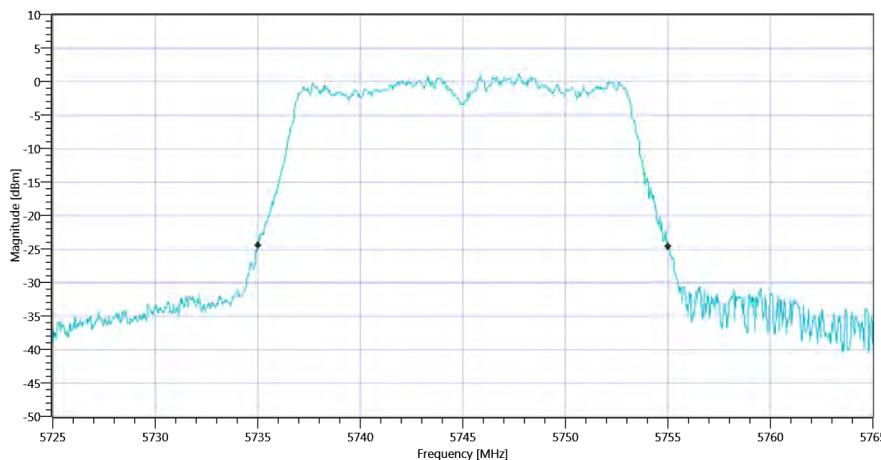
## Test at TX 5745 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5745 MHz - Duty Cycle\_18102019\_122822.png

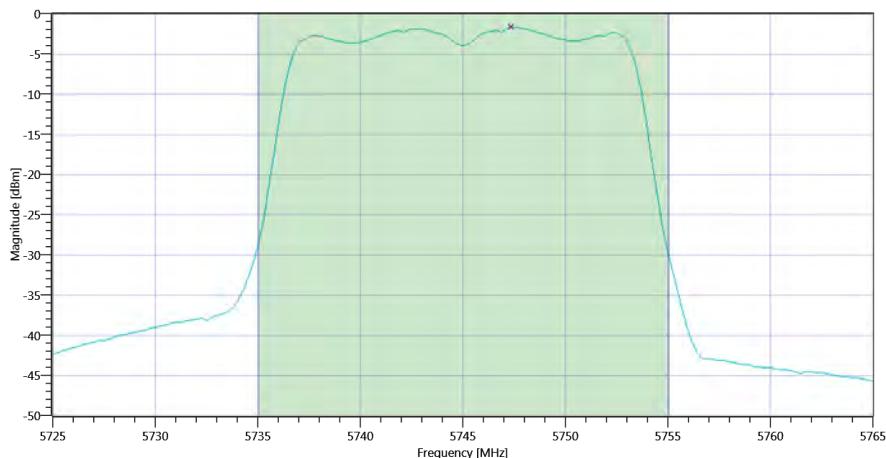
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.04	MHz	Information
T1 26dB	--	--	5735.0000	MHz	Information
T2 26dB	--	--	5755.0400	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_122830.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	17.84   14.24   20
Start [MHz]	Stop [MHz]
RBW [MHz]	5725.000   5765.000
VBW [MHz]	1.000000   3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

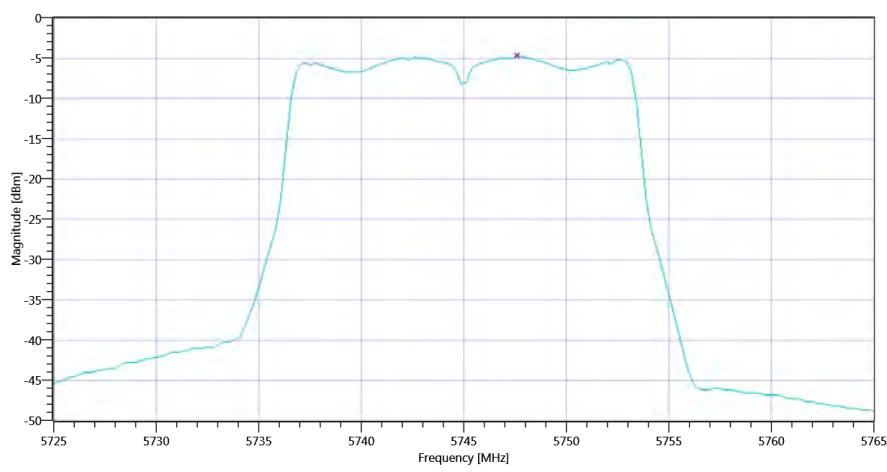
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.26	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.26	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.02	9.26	dBm	not applicable



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_122843.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]   InpAtt [dB]
Start [MHz]	Stop [MHz]
RBW [MHz]	VBW [MHz]
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]	Count   Points per Section   Type
	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.76	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.75	dBm/0.5MHz	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_122856.png

TEST FINISHED

General Verdict

18.10.2019 12:28:56 / RT: 47 s

PASS

## 16. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

### Test References

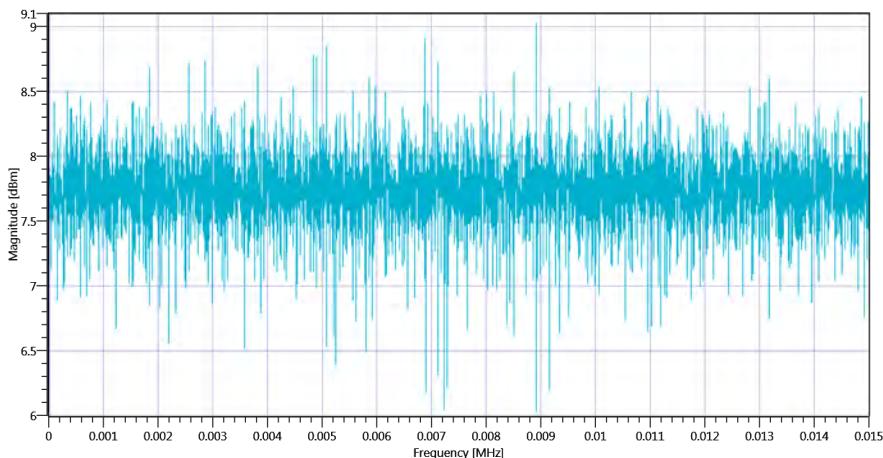
TC Start	18.10.2019 12:32:43
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

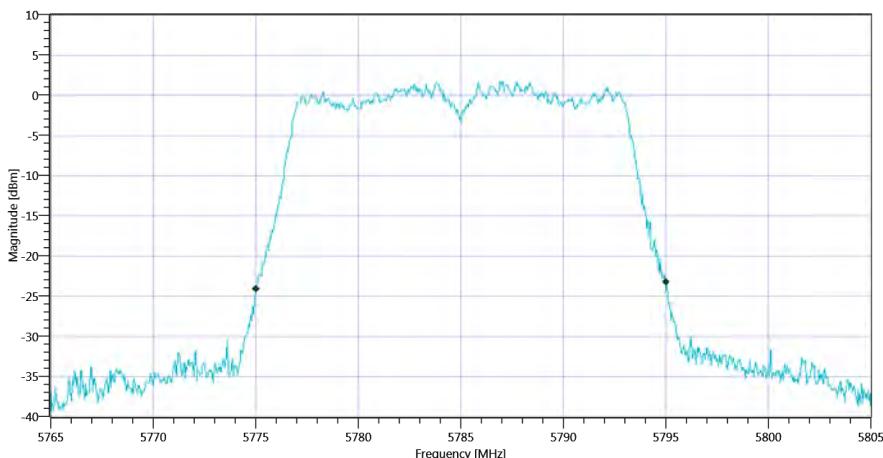
## Test at TX 5785 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5785 MHz - Duty Cycle\_18102019\_123257.png

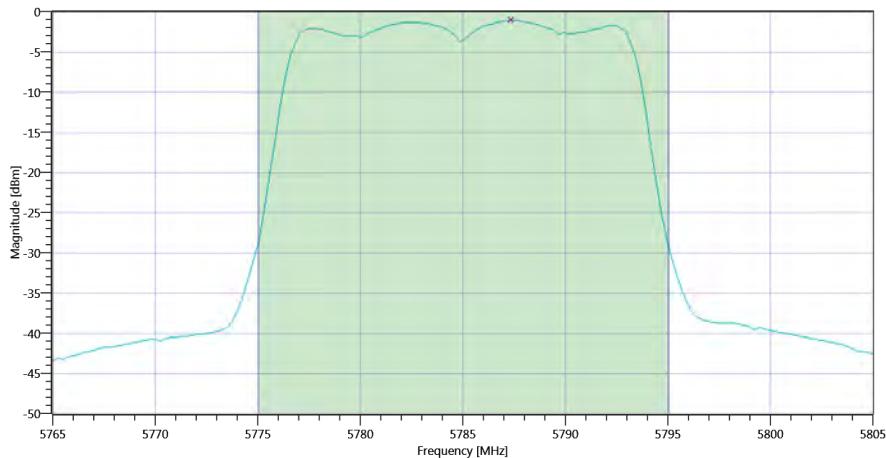
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.04	MHz	Information
T1 26dB	--	--	5775.0000	MHz	Information
T2 26dB	--	--	5795.0400	MHz	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_123304.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	18.90   14.27   20
Start [MHz]	Stop [MHz]
5765.000	5805.000
RBW [MHz]	VBW [MHz]
1.000000	3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

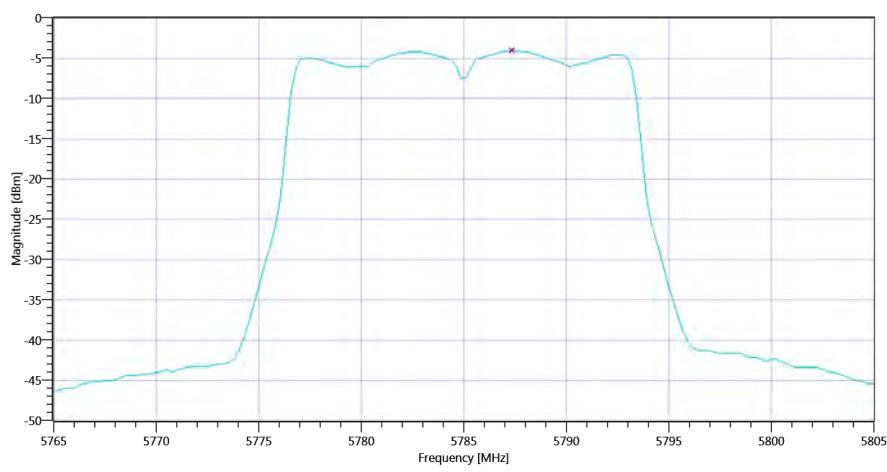
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.91	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.91	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.02	9.91	dBm	not applicable



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_123318.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]   InpAtt [dB]
Start [MHz]	Stop [MHz]
RBW [MHz]	VBW [MHz]
Detector	TraceMode
Sweep: Time [ms]	Count   Points per Section   Type

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.07	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.11	dBm/0.5MHz	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_123331.png

TEST FINISHED

General Verdict

18.10.2019 12:33:31 / RT: 47 s

PASS

## 17. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

### Test References

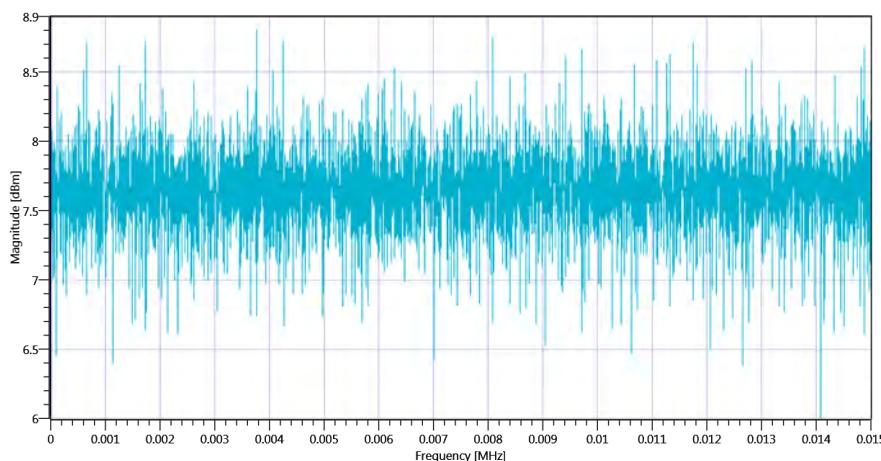
TC Start	18.10.2019 12:36:26
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

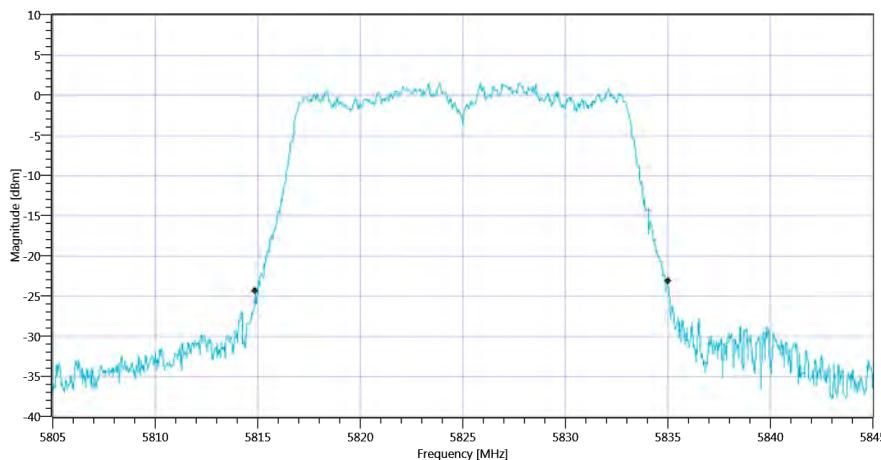
## Test at TX 5825 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5825 MHz - Duty Cycle\_18102019\_123640.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.12	MHz	Information
T1 26dB	--	--	5814.8800	MHz	Information
T2 26dB	--	--	5835.0000	MHz	Information

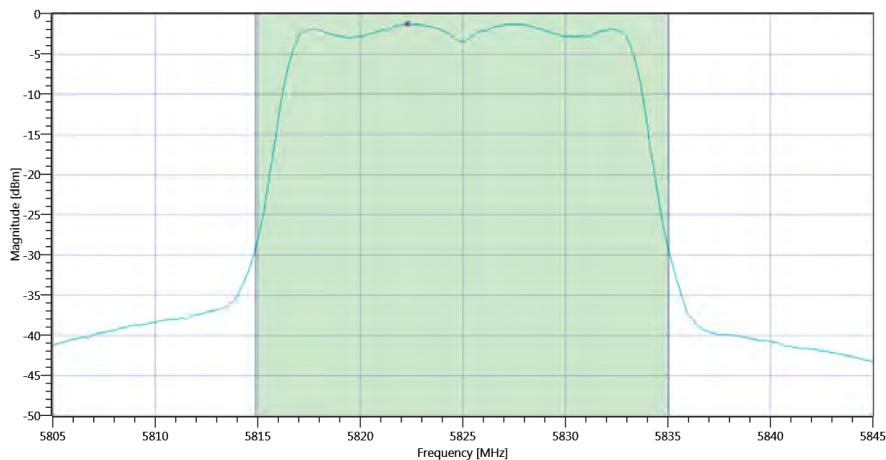


Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_123649.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	18.59   14.33   20
Start [MHz]	Stop [MHz]
5805.000	5845.000
RBW [MHz]	VBW [MHz]
1.000000	3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

**RESULT: TC\_VM\_FCC15407\_Max\_Output\_Power\_and\_PSD\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.82	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.82	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	24.04	9.82	dBm	not applicable



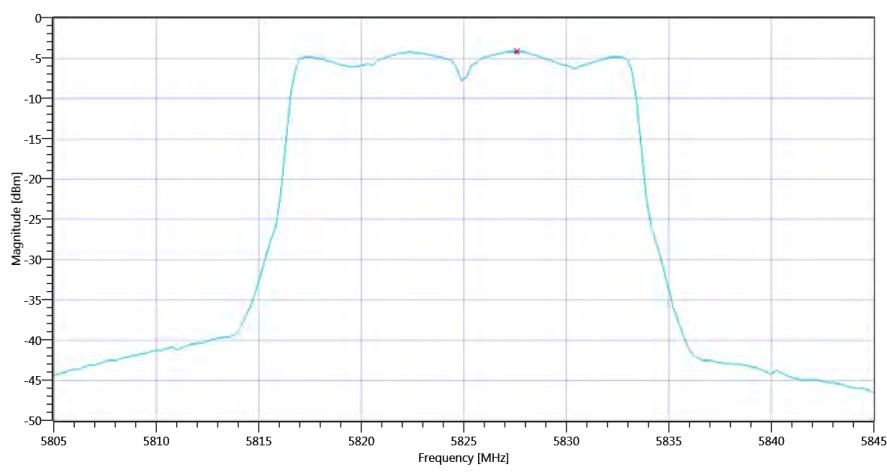
Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_123703.png

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.59   14.33   20
Start [MHz]   Stop [MHz]	5805.000   5845.000
RBW [MHz]   VBW [MHz]	0.500000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

**RESULT: TC\_VM\_FCC15407\_Max\_Output\_Power\_and\_PSD\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.2	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.29	dBm/0.5MHz	PASS



Plot\_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_123716.png

TEST FINISHED

General Verdict

18.10.2019 12:37:16 / RT: 50 s

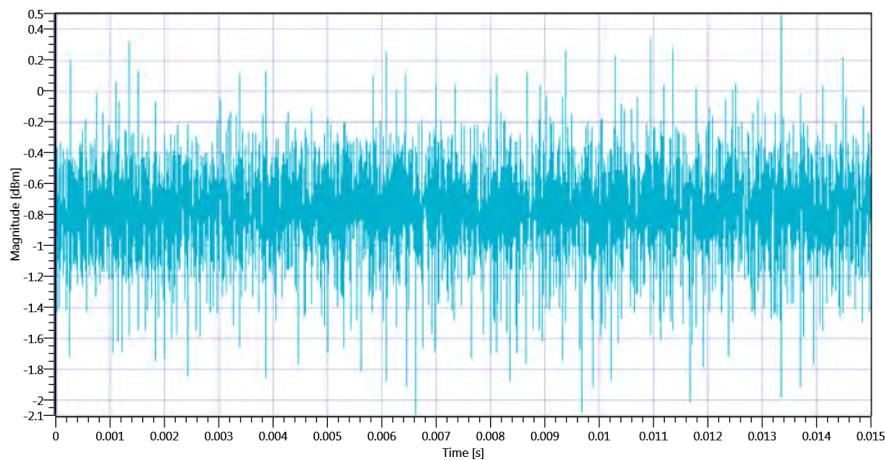
PASS

## 18. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:45:24
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

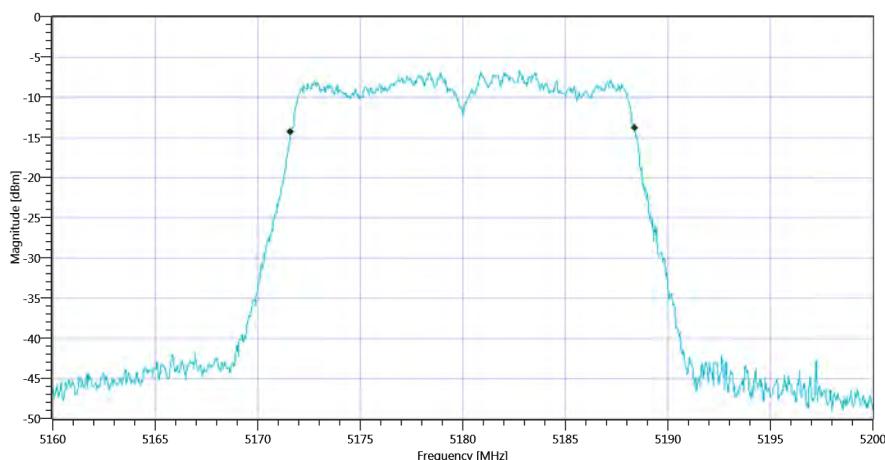
## Test at TX 5180 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5180 MHz - Duty Cycle\_04122019\_074538.png

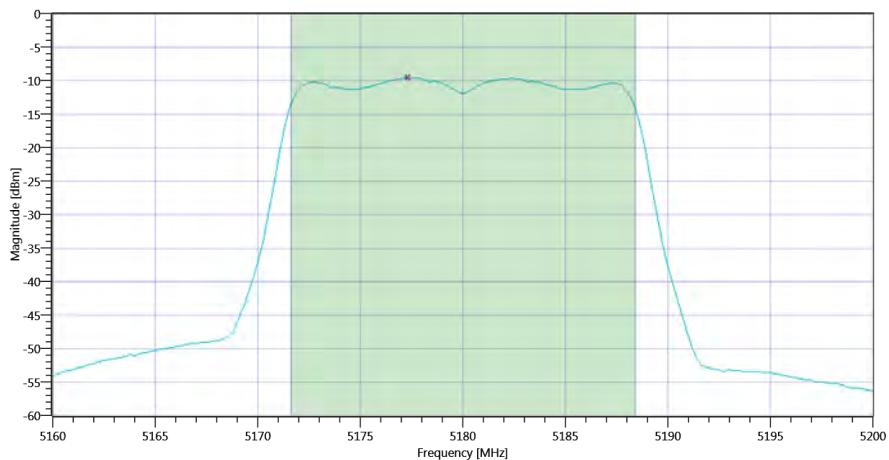
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5171.6084	MHz	Information
T2 99%	--	--	5188.3916	MHz	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_074549.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]   InpAtt [dB]
Start [MHz]	Stop [MHz]
RBW [MHz]	VBW [MHz]
Detector	TraceMode
Sweep: Time [ms]	Count   Points per Section   Type

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.37	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.37	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	1.37	dBm	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_074602.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.61	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.61	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 07:46:03 / RT: 38 s	PASS

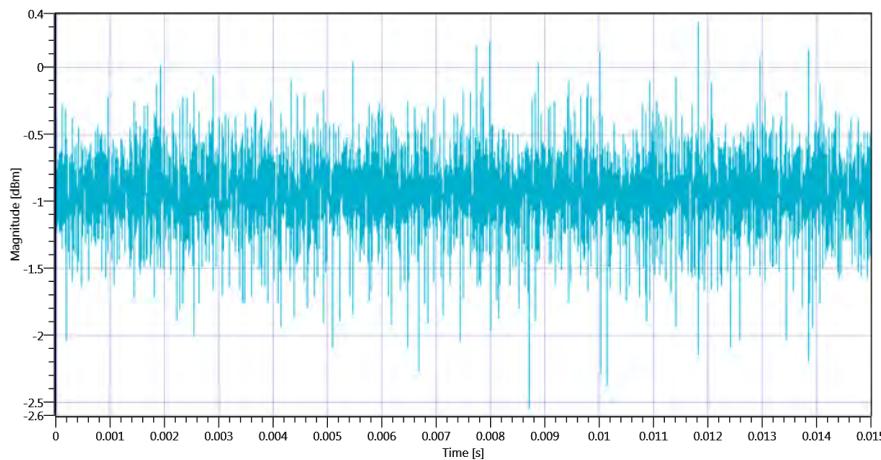
## 19. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:51:07
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

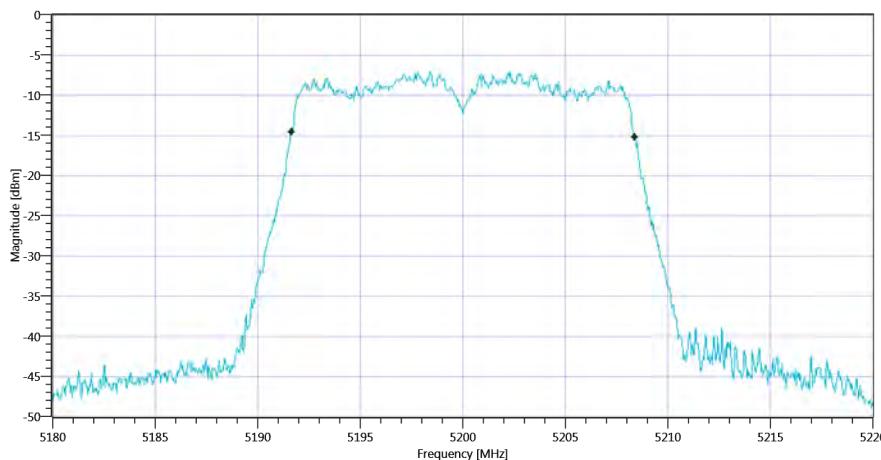
## Test at TX 5200 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5200 MHz - Duty Cycle\_04122019\_075120.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.743	MHz	Information
T1 99%	--	--	5191.6484	MHz	Information
T2 99%	--	--	5208.3916	MHz	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_075127.png

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]

10.13 | 14.37 | 10

Start [MHz] | Stop [MHz]

5180.000 | 5220.000

RBW [MHz] | VBW [MHz]

1.000000 | 3.000000

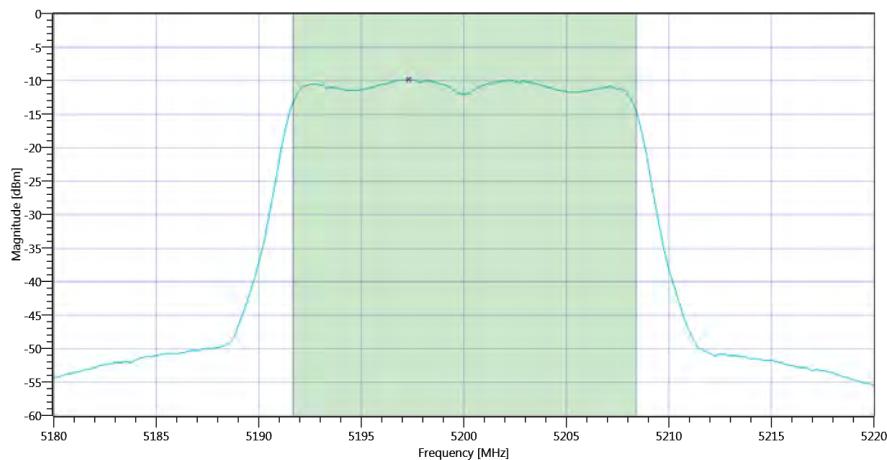
Detector | TraceMode

RMS | MAXH

Sweep: Time [ms] | Count | Points per Section | Type

8000 | 1 | 160 | SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	1.09	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	1.09	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.24	1.09	dBm	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_075140.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.85	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.85	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	04.12.2019 07:51:41 / RT: 34 s	PASS

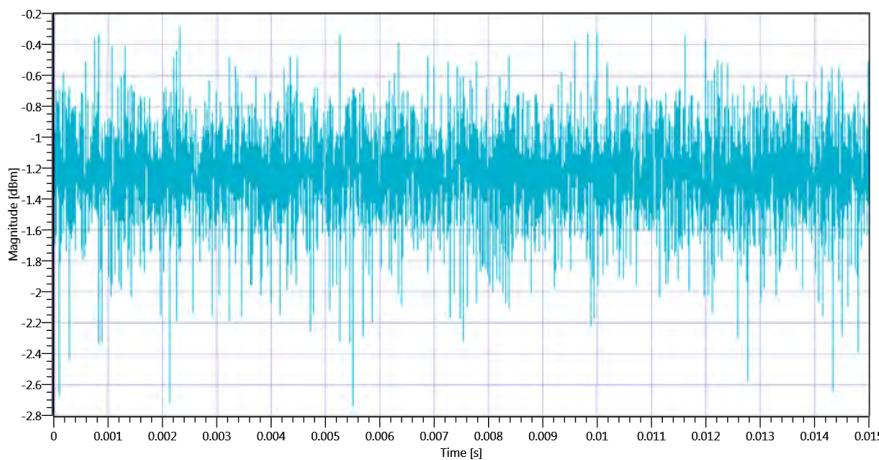
## 20. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:55:11
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

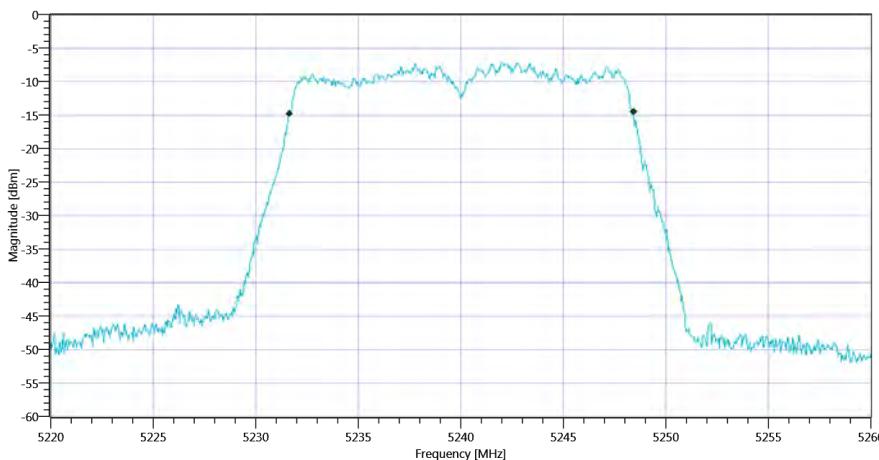
## Test at TX 5240 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5240 MHz - Duty Cycle\_04122019\_075524.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5231.6484	MHz	Information
T2 99%	--	--	5248.4316	MHz	Information

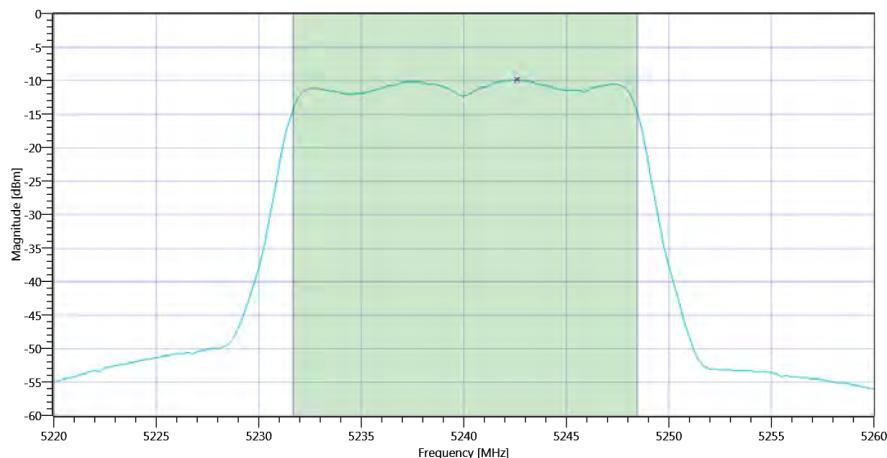


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW\_04122019\_075532.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.44   14.57   10
Start [MHz]   Stop [MHz]	5220.000   5260.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.94	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.94	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	0.94	dBm	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD\_04122019\_075545.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-9.96	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-9.96	dBm/1MHz	PASS

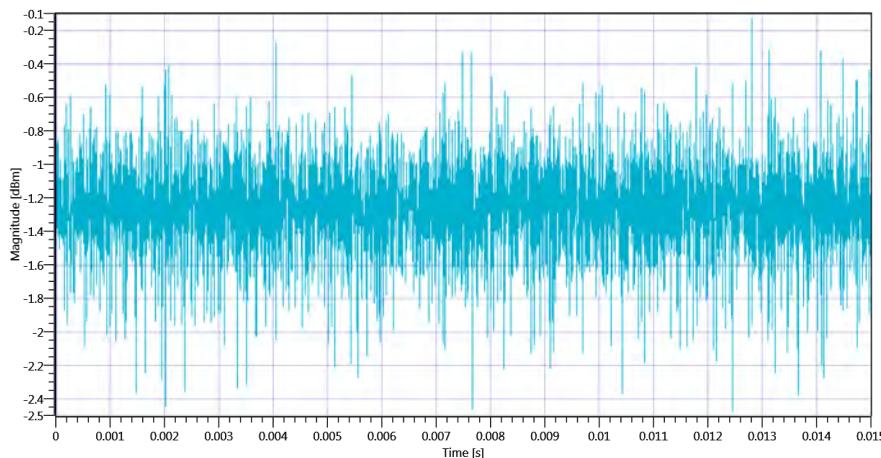
TEST FINISHED		
General Verdict	04.12.2019 07:55:46 / RT: 34 s	PASS

## 21. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	04.12.2019 08:14:26
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

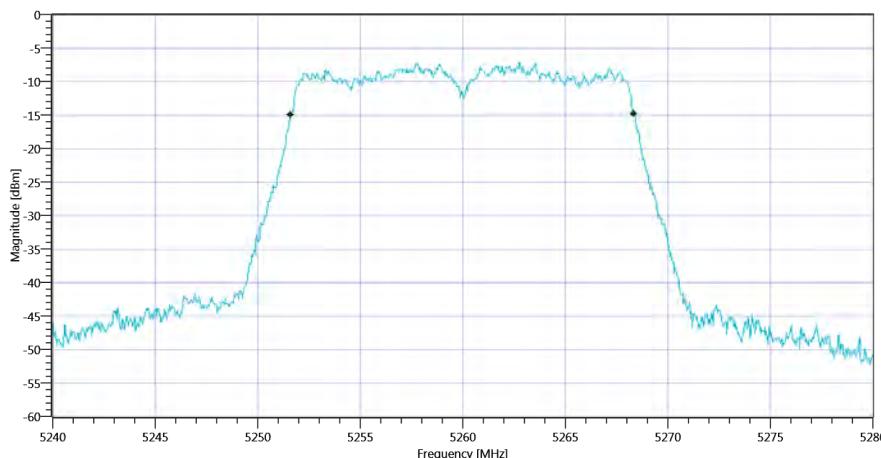
## Test at TX 5260 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5260 MHz - Duty Cycle\_04122019\_081439.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.743	MHz	Information
T1 99%	--	--	5251.6084	MHz	Information
T2 99%	--	--	5268.3516	MHz	Information

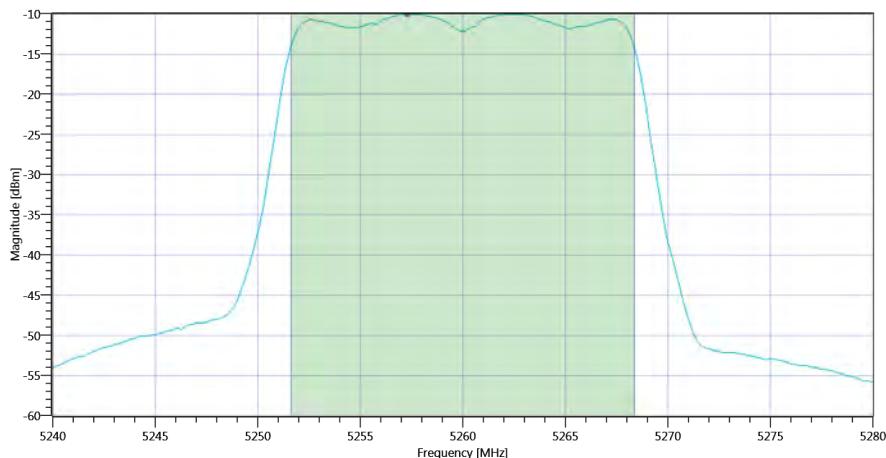


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081446.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.13   14.58   10
Start [MHz]   Stop [MHz]	5240.000   5280.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.99	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.99	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.24	0.99	dBm	PASS



PlotISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_081500.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-10.02	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-10.02	dBm/1MHz	PASS

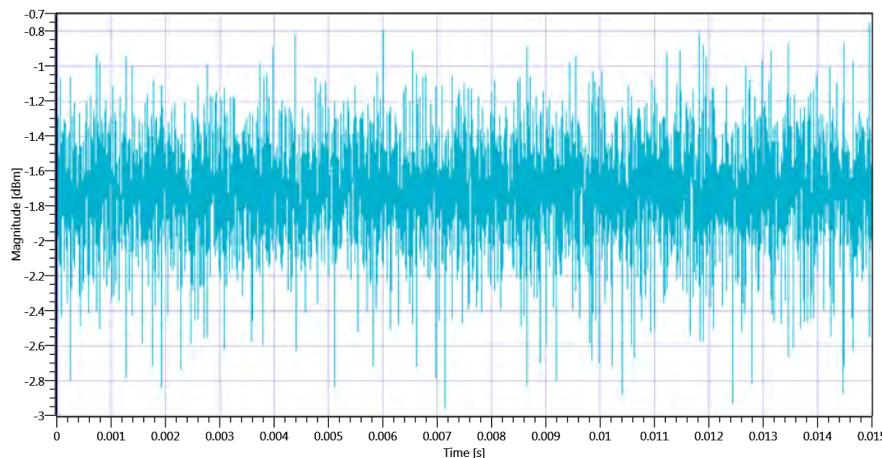
TEST FINISHED		
General Verdict	04.12.2019 08:15:01 / RT: 35 s	PASS

## 22. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	04.12.2019 08:17:06
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

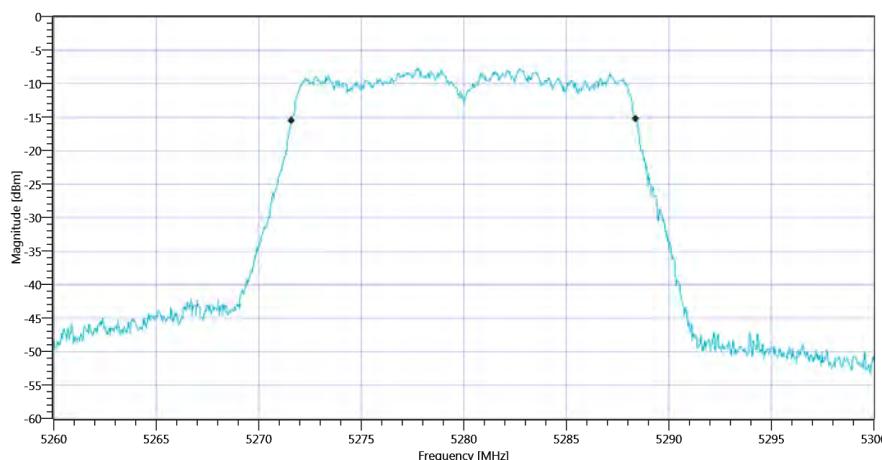
## Test at TX 5280 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5280 MHz - Duty Cycle\_04122019\_081719.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5271.6084	MHz	Information
T2 99%	--	--	5288.3916	MHz	Information

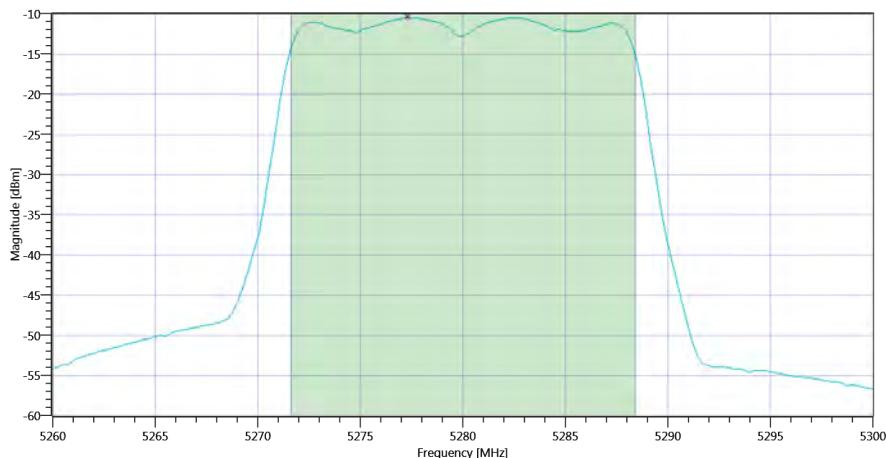


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081727.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	8.64   14.37   10
Start [MHz]   Stop [MHz]	5260.000   5300.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.51	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.51	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	0.51	dBm	PASS



PlotISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_081740.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-10.5	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-10.5	dBm/1MHz	PASS

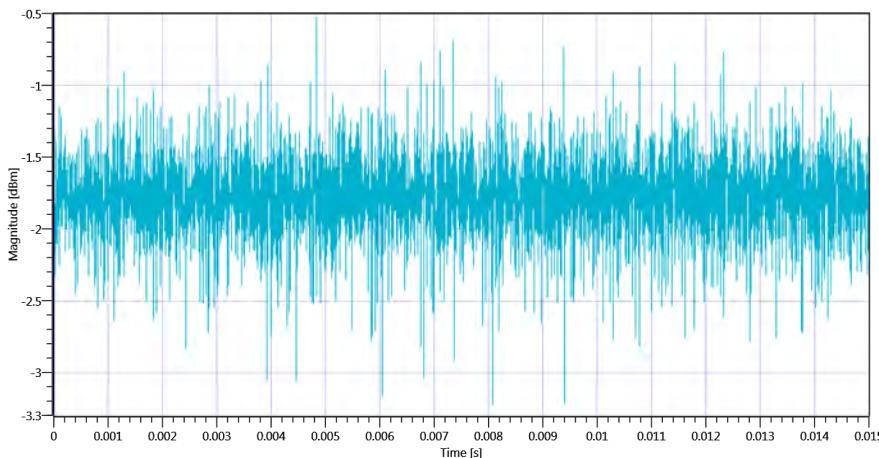
TEST FINISHED		
General Verdict	04.12.2019 08:17:41 / RT: 35 s	PASS

## 23. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	04.12.2019 08:19:33
System Version	1.0.0.24
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

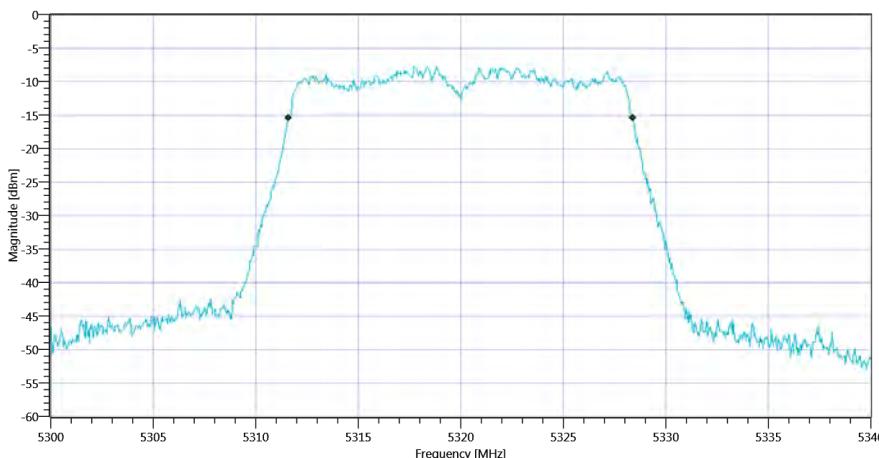
## Test at TX 5320 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5320 MHz - Duty Cycle\_04122019\_081946.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5311.6084	MHz	Information
T2 99%	--	--	5328.3916	MHz	Information

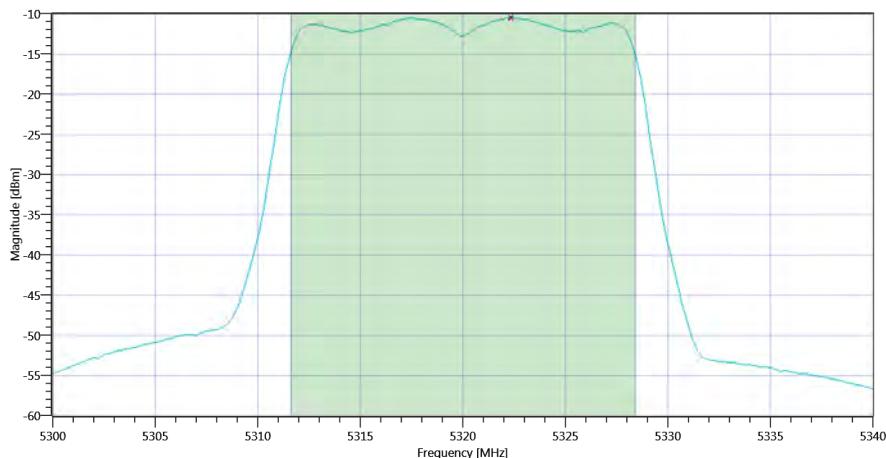


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW\_04122019\_081954.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	9.01   14.09   10
Start [MHz]   Stop [MHz]	5300.000   5340.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	0.44	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	0.44	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	0.44	dBm	PASS



PlotISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A Max OP and PSD\_04122019\_082007.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-10.56	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-10.56	dBm/1MHz	PASS

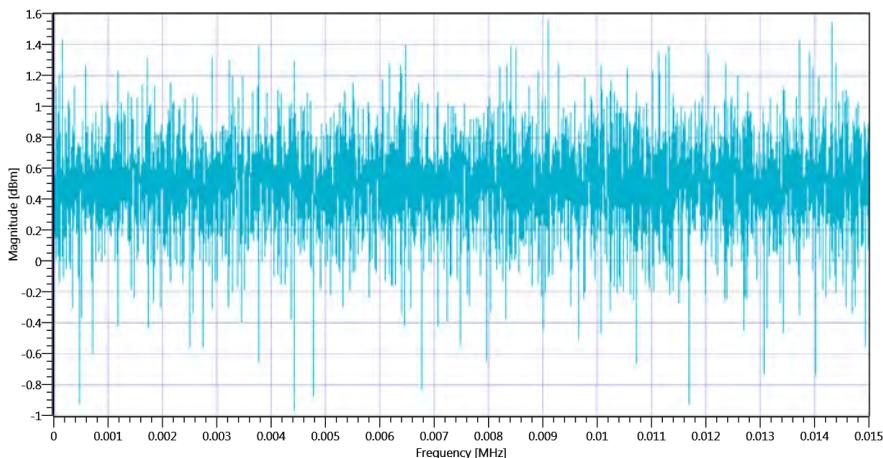
TEST FINISHED		
General Verdict	04.12.2019 08:20:09 / RT: 35 s	PASS

## 24. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:21:13
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

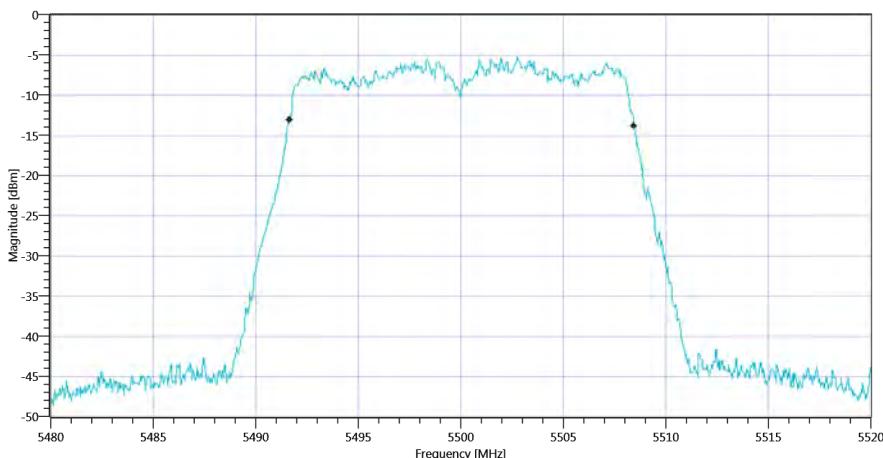
## Test at TX 5500 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5500 MHz - Duty Cycle\_18102019\_122127.png

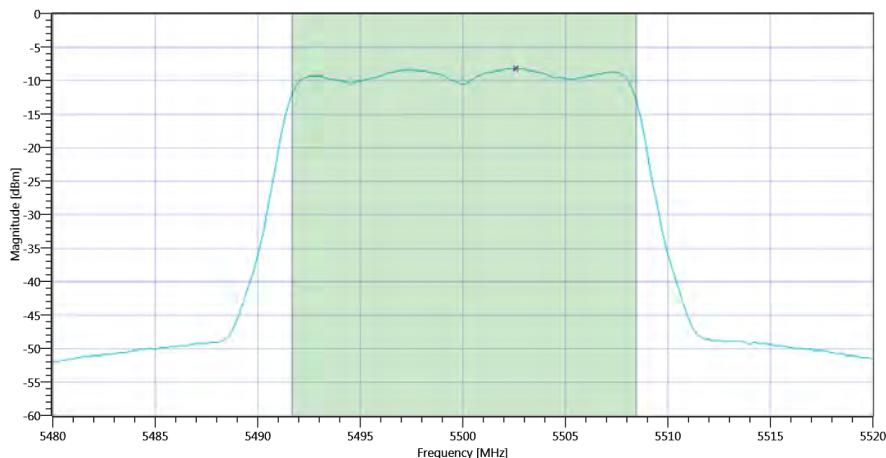
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5491.6484	MHz	Information
T2 99%	--	--	5508.4316	MHz	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122135.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	10.91   14.07   15
Start [MHz]	Stop [MHz]
5480.000	5520.000
RBW [MHz]	VBW [MHz]
1.000000	3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	2.74	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	2.74	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	2.74	dBm	PASS



PlotISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_122148.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-8.22	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-8.22	dBm/1MHz	PASS

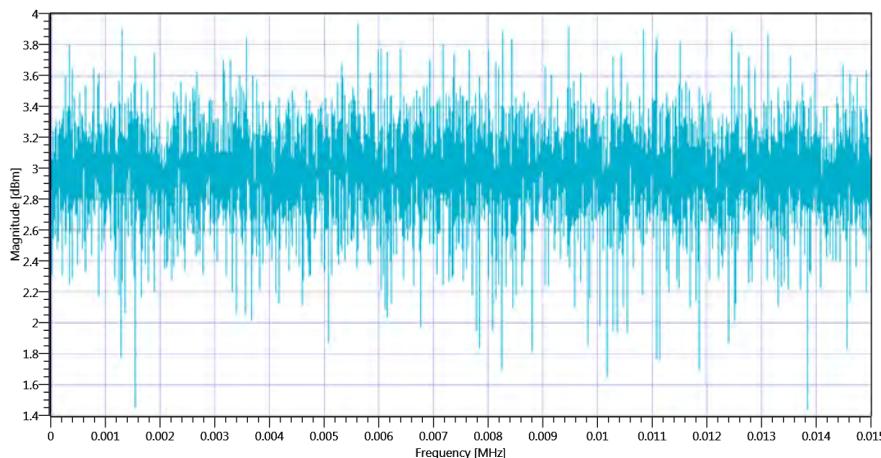
TEST FINISHED		
General Verdict	18.10.2019 12:21:49 / RT: 36 s	PASS

## 25. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:23:47
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

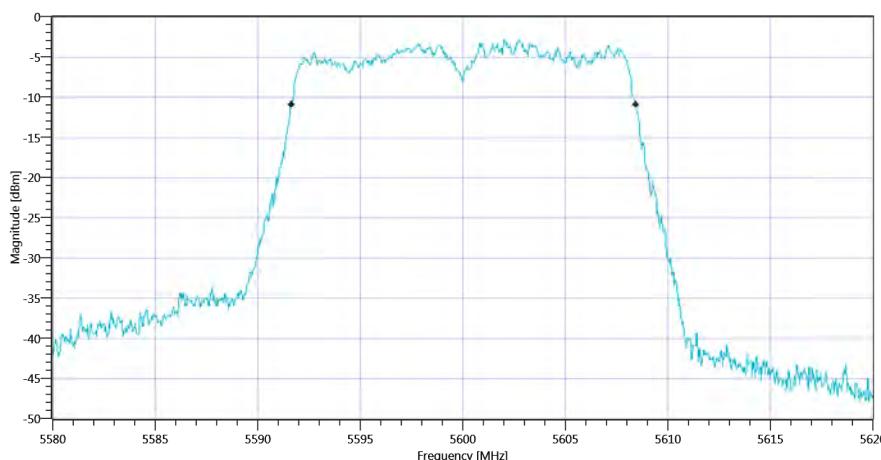
## Test at TX 5600 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5600 MHz - Duty Cycle\_18102019\_122401.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5591.6484	MHz	Information
T2 99%	--	--	5608.4316	MHz	Information

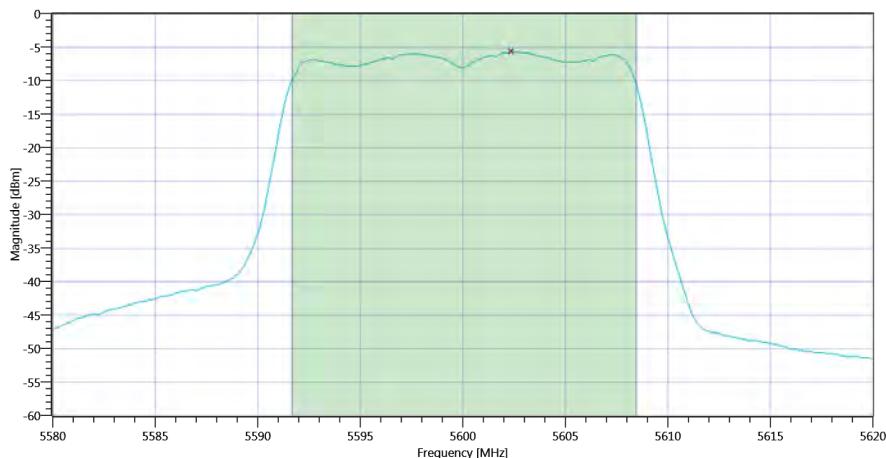


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122409.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.26   14.17   15
Start [MHz]   Stop [MHz]	5580.000   5620.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	5.16	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	5.16	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	5.16	dBm	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_1222422.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-5.74	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-5.74	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	18.10.2019 12:24:23 / RT: 35 s	PASS

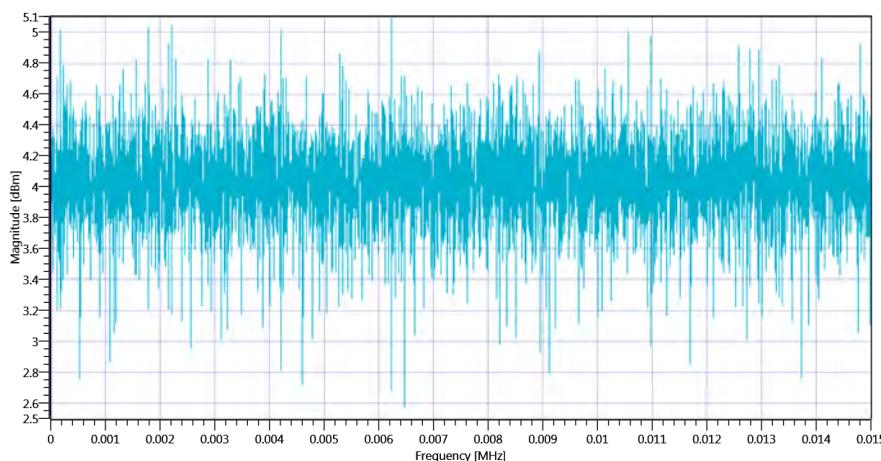
## 26. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:26:22
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

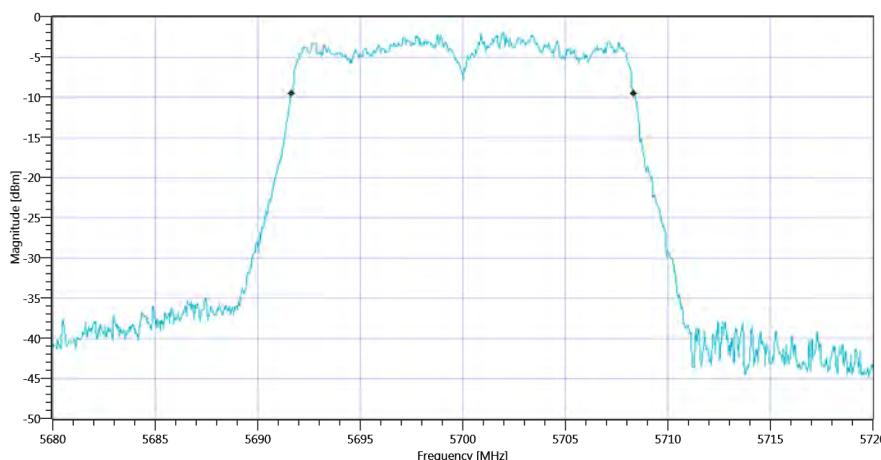
## Test at TX 5700 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5700 MHz - Duty Cycle\_18102019\_122636.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.703	MHz	Information
T1 99%	--	--	5691.6484	MHz	Information
T2 99%	--	--	5708.3516	MHz	Information

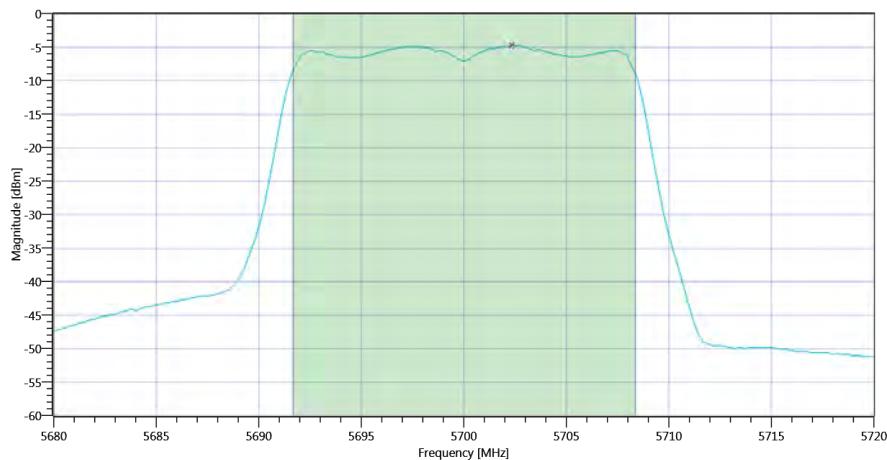


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C BW\_18102019\_122643.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.78   14.41   15
Start [MHz]   Stop [MHz]	5680.000   5720.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	6.17	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	24	6.17	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.23	6.17	dBm	PASS



PlotISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C Max OP and PSD\_18102019\_122657.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.81	dBm/1MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	11	-4.81	dBm/1MHz	PASS

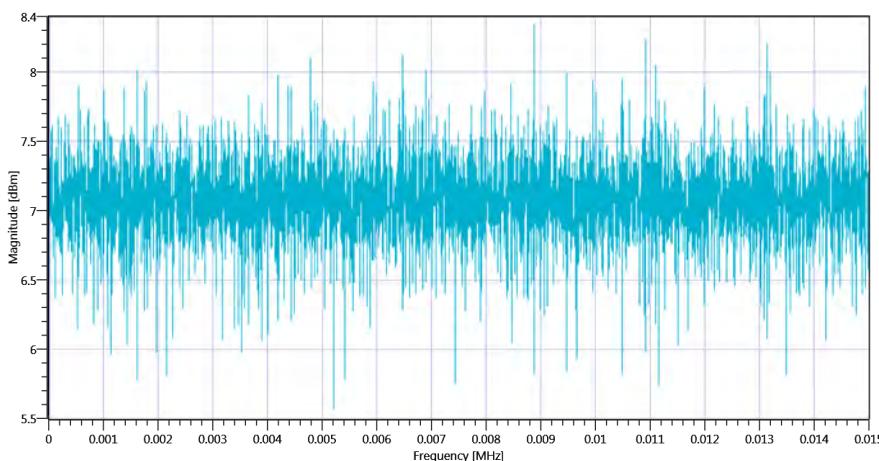
TEST FINISHED		
General Verdict	18.10.2019 12:26:58 / RT: 36 s	PASS

## 27. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:29:01
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

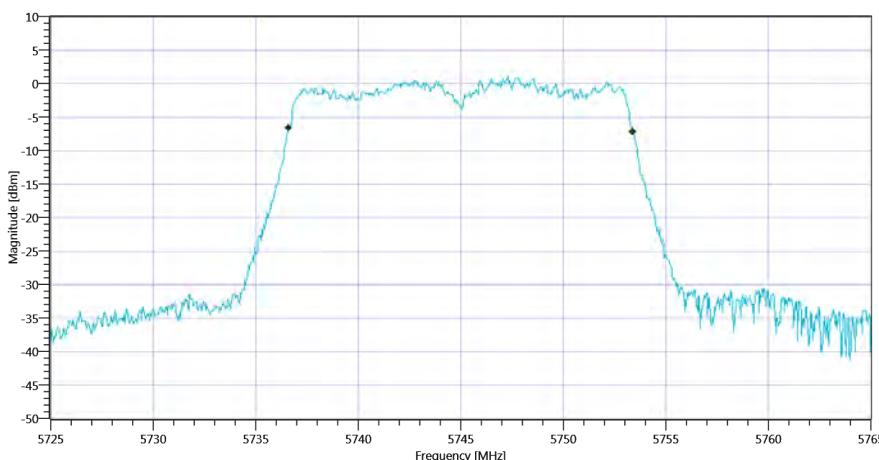
## Test at TX 5745 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5745 MHz - Duty Cycle\_18102019\_122915.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5736.6084	MHz	Information
T2 99%	--	--	5753.3916	MHz	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_122922.png

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]

18.17 | 14.24 | 20

Start [MHz] | Stop [MHz]

5725.000 | 5765.000

RBW [MHz] | VBW [MHz]

1.000000 | 3.000000

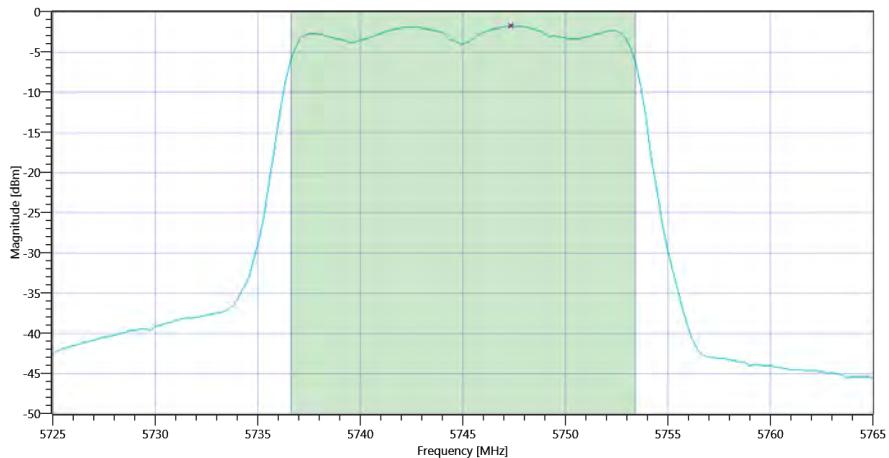
Detector | TraceMode

RMS | MAXH

Sweep: Time [ms] | Count | Points per Section | Type

8000 | 1 | 160 | SWE

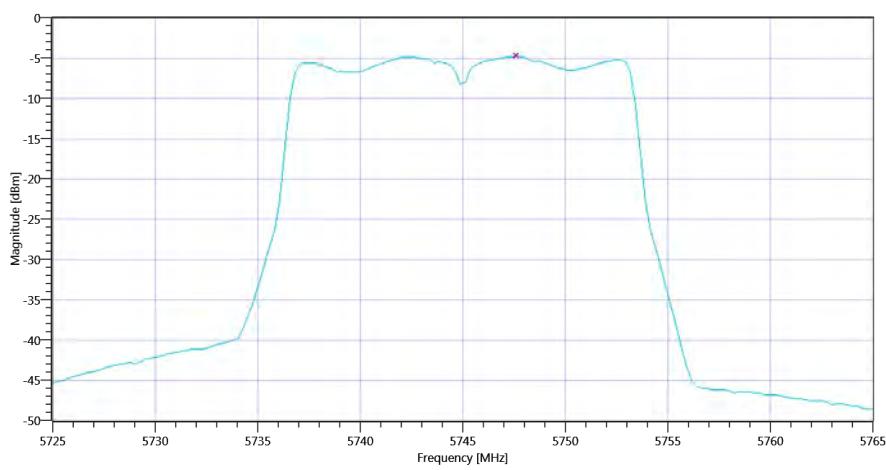
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.18	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.18	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	9.18	dBm	not applicable



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_122936.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]   InpAtt [dB]
Start [MHz]	Stop [MHz]
RBW [MHz]	VBW [MHz]
Detector	TraceMode
Sweep: Time [ms]	Count   Points per Section   Type

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.77	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.82	dBm/0.5MHz	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_122949.png

TEST FINISHED

General Verdict

18.10.2019 12:29:49 / RT: 48 s

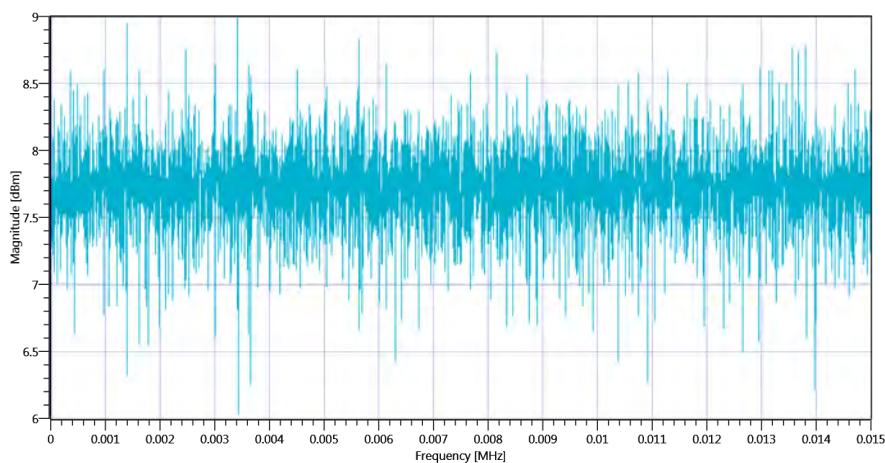
PASS

## 28. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:33:35
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

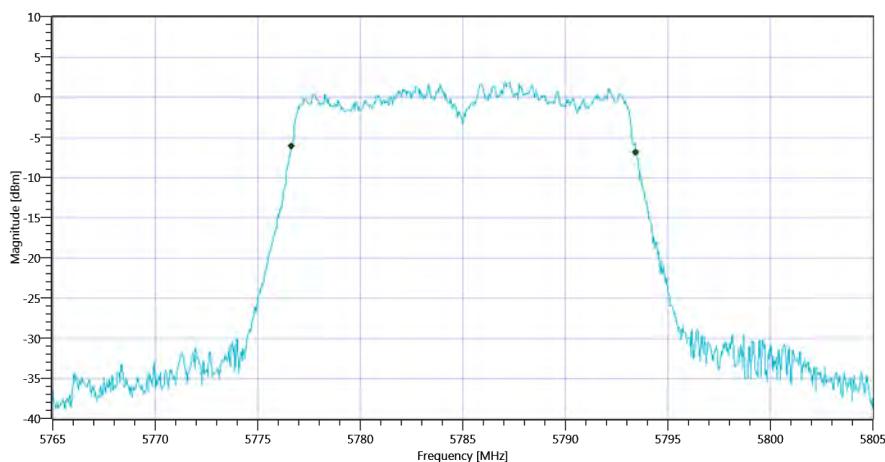
## Test at TX 5785 MHz

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5785 MHz - Duty Cycle\_18102019\_123349.png

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5776.6484	MHz	Information
T2 99%	--	--	5793.4316	MHz	Information



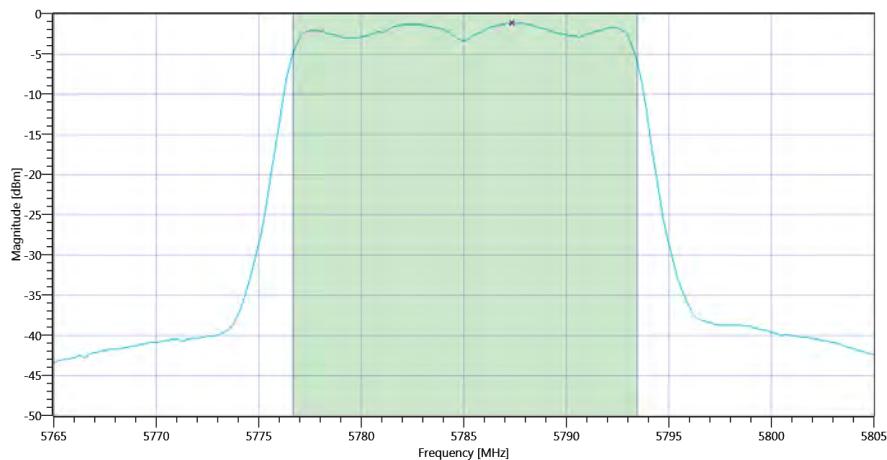
Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_123357.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.45   14.27   20
Start [MHz]   Stop [MHz]	5765.000   5805.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

**RESULT: TC\_VM\_FCC15407\_Max\_Output\_Power\_and\_PSD\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.81	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.81	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	9.81	dBm	not applicable



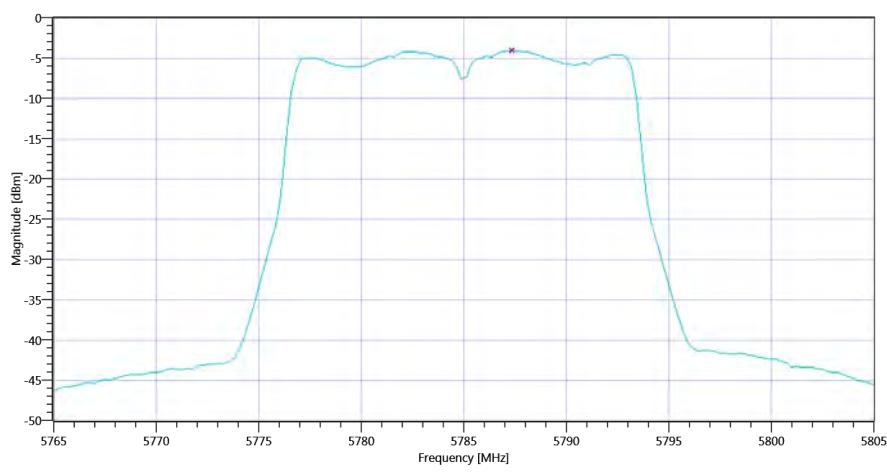
Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_123410.png

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.45   14.27   20
Start [MHz]   Stop [MHz]	5765.000   5805.000
RBW [MHz]   VBW [MHz]	0.500000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

**RESULT: TC\_VM\_FCC15407\_Max\_Output\_Power\_and\_PSD\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.07	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.15	dBm/0.5MHz	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_123423.png

TEST FINISHED

General Verdict

18.10.2019 12:34:23 / RT: 48 s

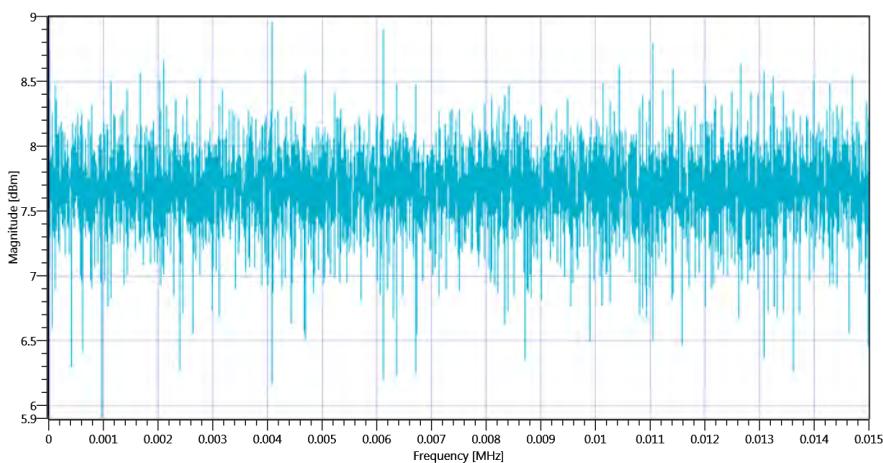
PASS

## 29. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:37:21
System Version	1.0.0.21
Test Specification	ISED
Test Method	
Class / TC Version / TC ID	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1   TCID_FCC15407_3
My Description	ISED Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

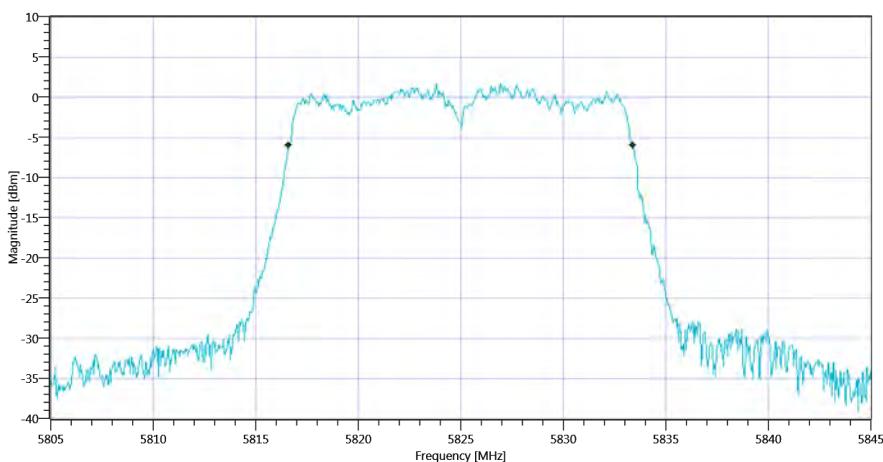
## Test at TX 5825 MHz

RESULT: Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	--	--	1	--	Information
Duty Cycle max	--	--	0	dB	Information
Duty Cycle (Burst Ratio) min	--	--	1	--	Information
Duty Cycle min	--	--	0	dB	Information



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5825 MHz - Duty Cycle\_18102019\_123735.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	--	--	5816.6084	MHz	Information
T2 99%	--	--	5833.3916	MHz	Information

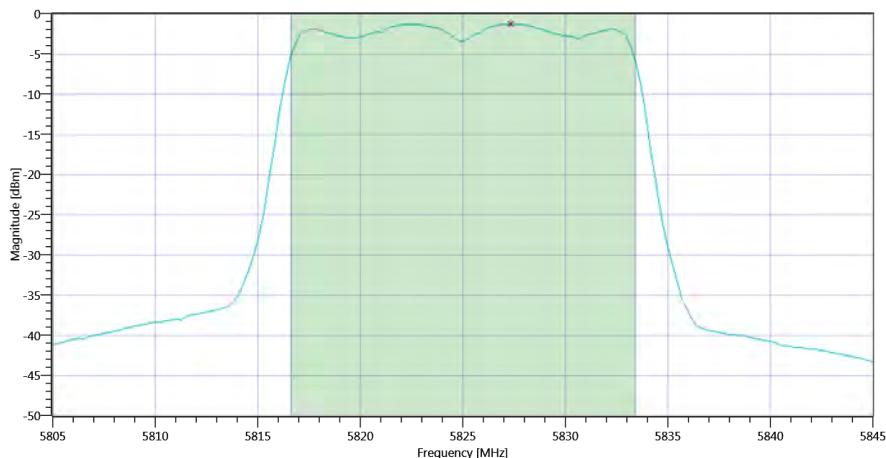


Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW\_18102019\_123742.png

### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.37   14.33   20
Start [MHz]   Stop [MHz]	5805.000   5845.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	8000   1   160   SWE

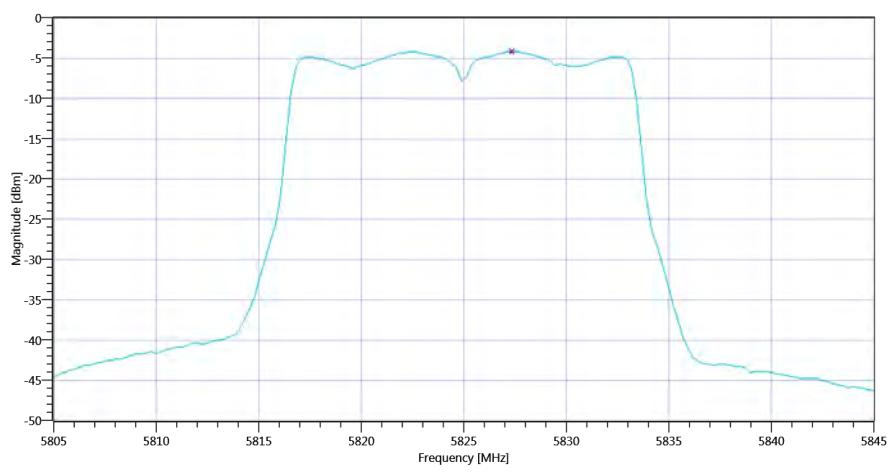
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	--	--	9.76	dBm	Information
Duty Cycle Correction	--	--	0	dB	Information
Limit absolute					
Max Output Power DC corrected	--	30	9.76	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	--	23.25	9.76	dBm	not applicable



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD\_18102019\_123756.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]
InpAtt [dB]	18.37   14.33   20
Start [MHz]	Stop [MHz]
5805.000	5845.000
RBW [MHz]	VBW [MHz]
0.500000	3.000000
Detector	TraceMode
RMS	MAXH
Sweep: Time [ms]	Count   Points per Section   Type
8000	1   160   SWE

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	--	--	-4.22	dBm/0.5MHz	Information
Duty Cycle Correction	--	--	0	dB	Information
Power Spectral Density DC corrected	--	30	-1.27	dBm/0.5MHz	PASS



Plot\_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3\_18102019\_123809.png

TEST FINISHED

General Verdict

18.10.2019 12:38:10 / RT: 49 s

PASS

## 30. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:46:07
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

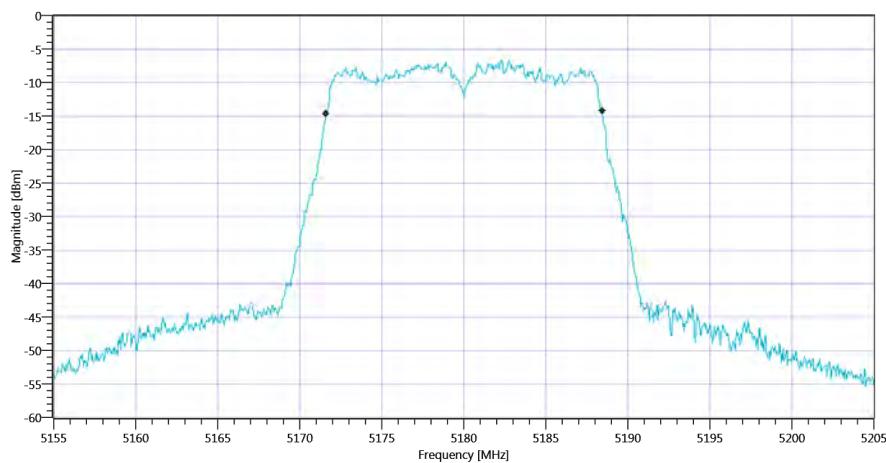
## Test at TX 5180 MHz

### READ SA SETTINGS:

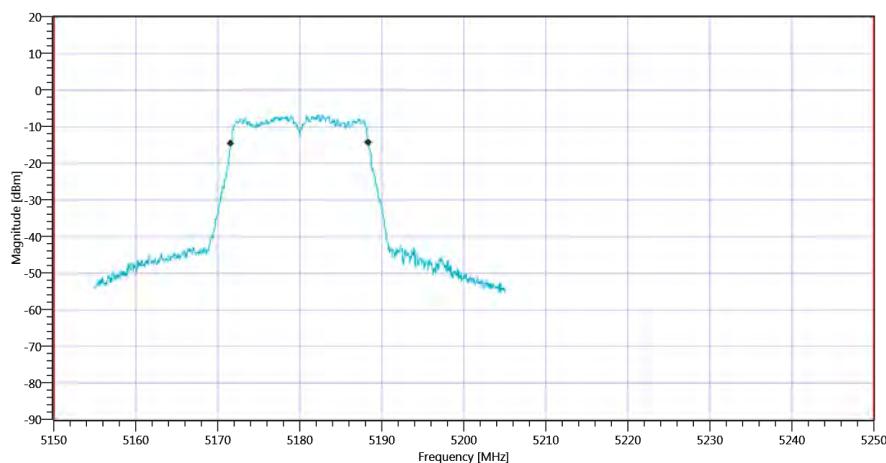
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	6.14   14.19   10
Start [MHz]   Stop [MHz]	5155.000   5205.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.833	MHz	Information
T1 99%	5150.000000	--	5171.6084	MHz	PASS
T2 99%	--	5250.000000	5188.4416	MHz	PASS



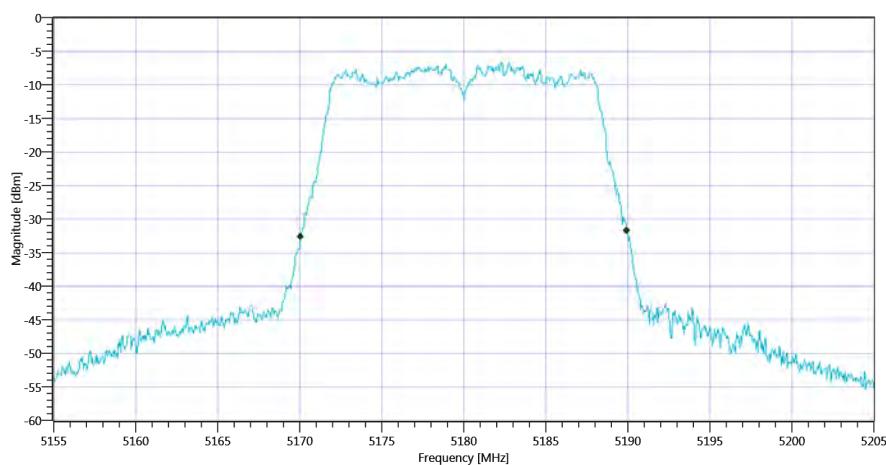
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT\_04122019\_074631.png



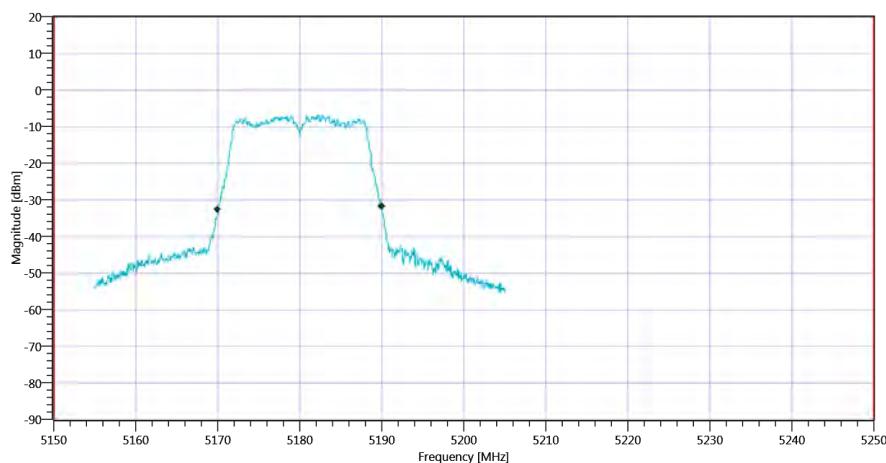
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_074634.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.9	MHz	Information
T1 26dB	5150.000000	--	5170.0500	MHz	PASS
T2 26dB	--	5250.000000	5189.9500	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB\_04122019\_074638.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_074641.png

TEST FINISHED

General Verdict

04.12.2019 07:46:41 / RT: 34 s

PASS

## 31. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:51:45
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

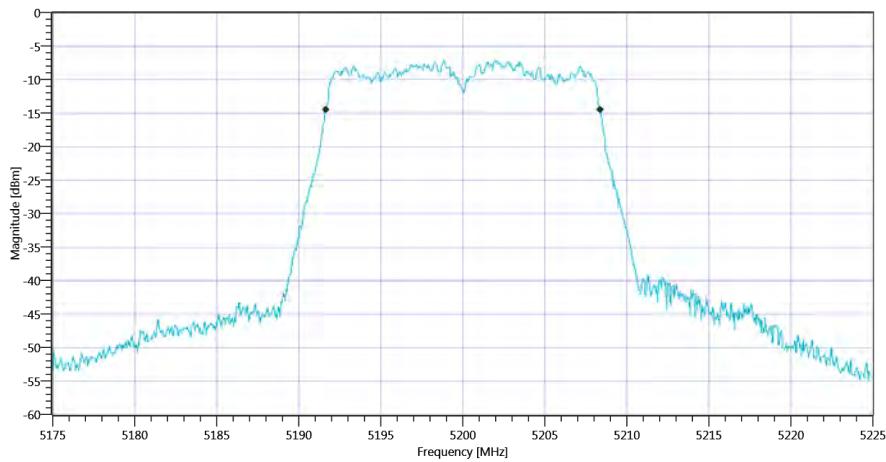
## Test at TX 5200 MHz

### READ SA SETTINGS:

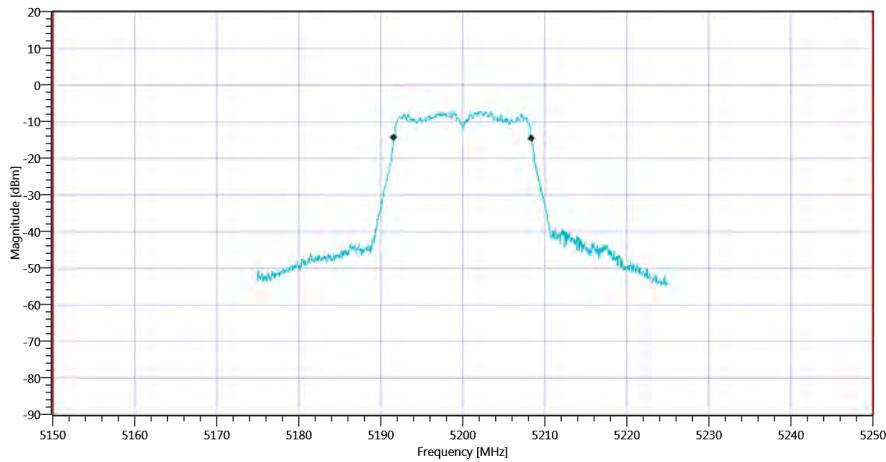
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.67   14.37   10
Start [MHz]   Stop [MHz]	5175.000   5225.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.733	MHz	Information
T1 99%	5150.000000	--	5191.6583	MHz	PASS
T2 99%	--	5250.000000	5208.3916	MHz	PASS



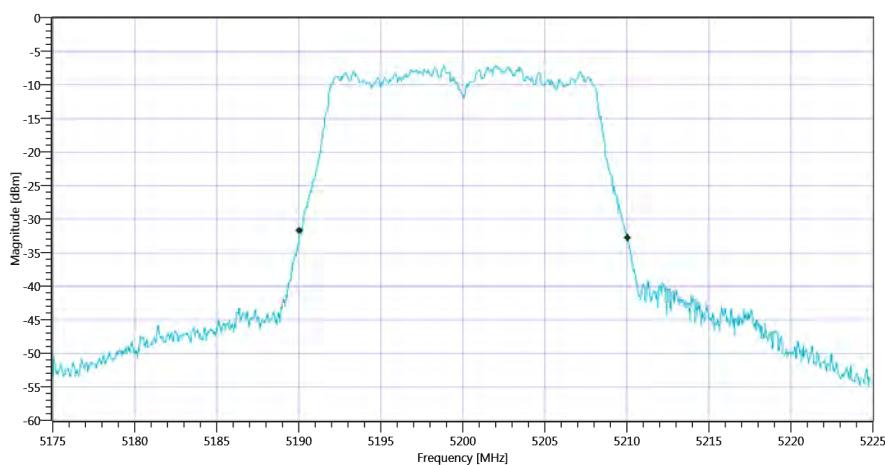
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT\_04122019\_075210.png



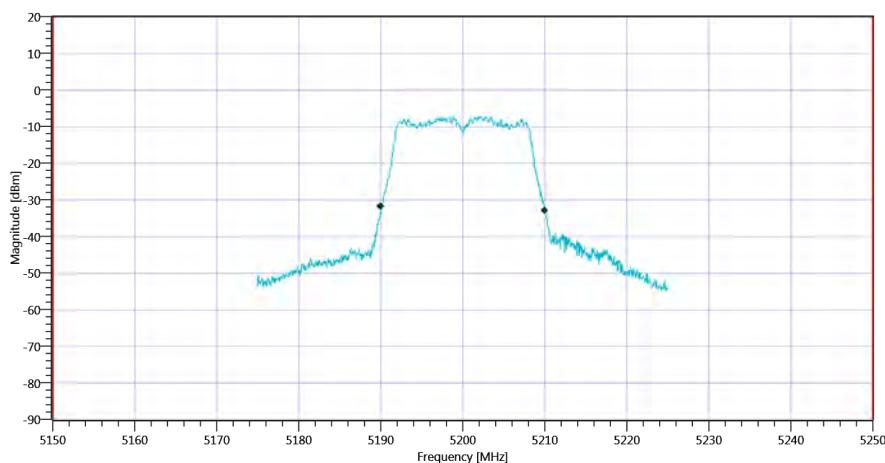
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_075213.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20	MHz	Information
T1 26dB	5150.000000	--	5190.0500	MHz	PASS
T2 26dB	--	5250.000000	5210.0500	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB\_04122019\_075216.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_075219.png

TEST FINISHED

General Verdict

04.12.2019 07:52:19 / RT: 34 s

PASS

## 32. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	04.12.2019 07:55:50
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

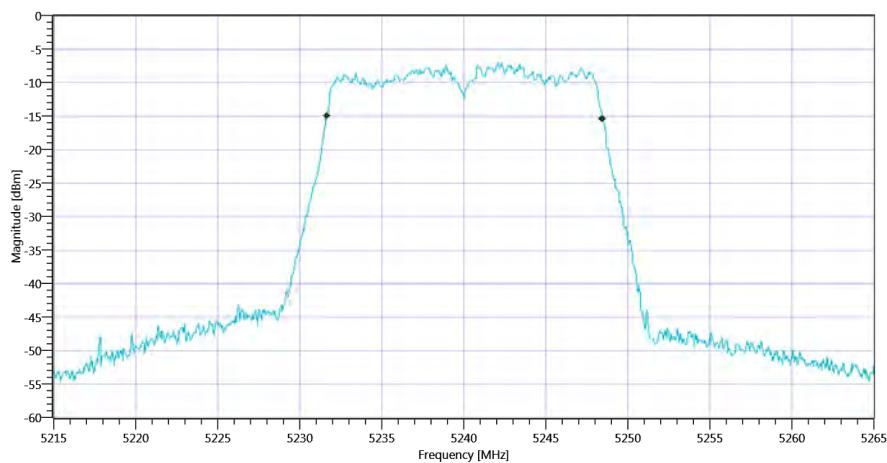
## Test at TX 5240 MHz

### READ SA SETTINGS:

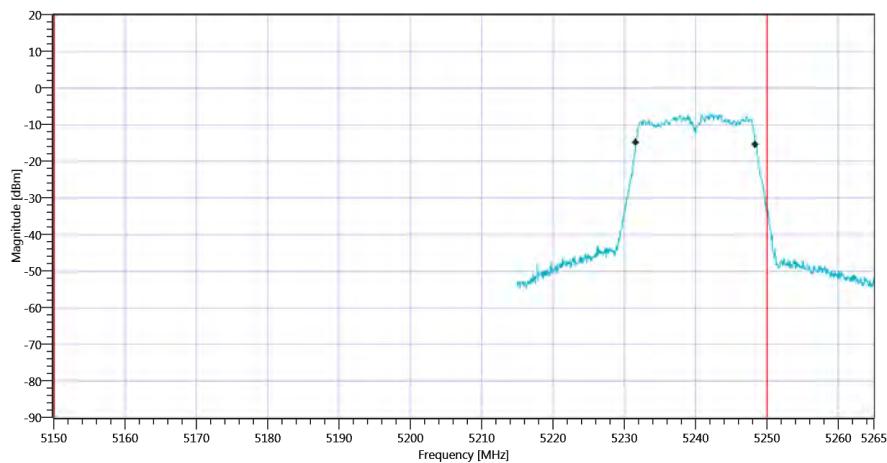
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.31   14.57   10
Start [MHz]   Stop [MHz]	5215.000   5265.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5150.000000	--	5231.6583	MHz	PASS
T2 99%	--	5250.000000	5248.4416	MHz	PASS



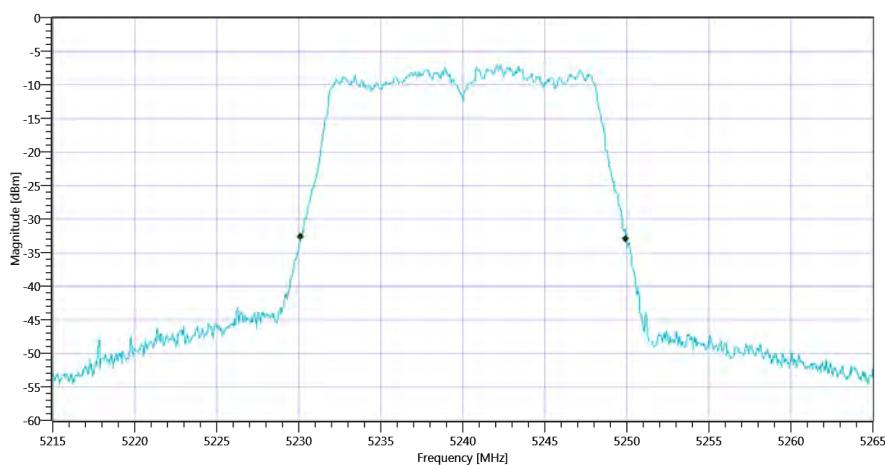
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT\_04122019\_075608.png



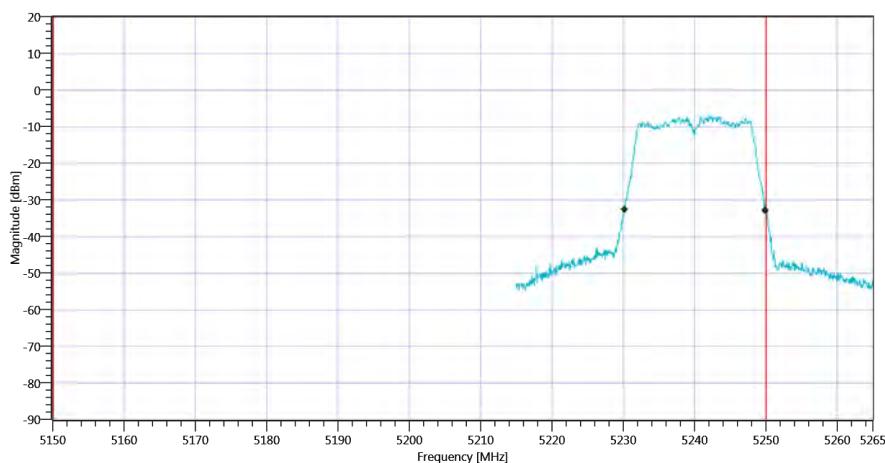
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_075611.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.8	MHz	Information
T1 26dB	5150.000000	--	5230.1500	MHz	PASS
T2 26dB	--	5250.000000	5249.9500	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB\_04122019\_075615.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1\_04122019\_075618.png

TEST FINISHED

General Verdict

04.12.2019 07:56:18 / RT: 28 s

PASS

## 33. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	04.12.2019 08:15:05
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

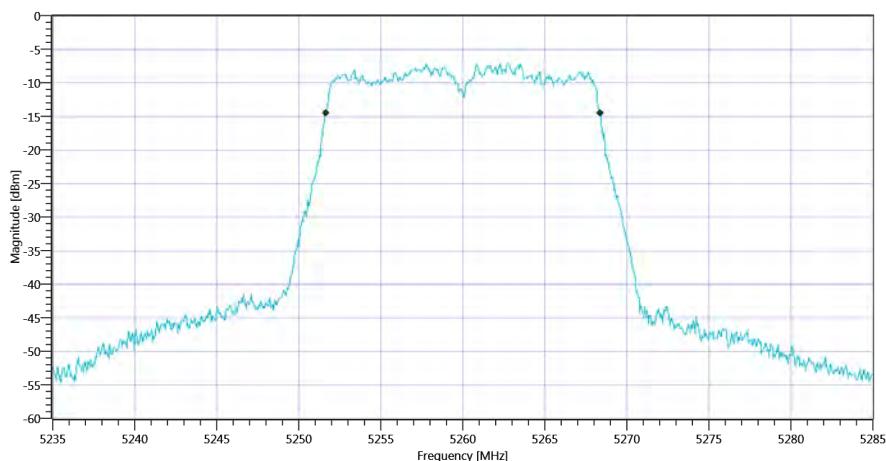
## Test at TX 5260 MHz

### READ SA SETTINGS:

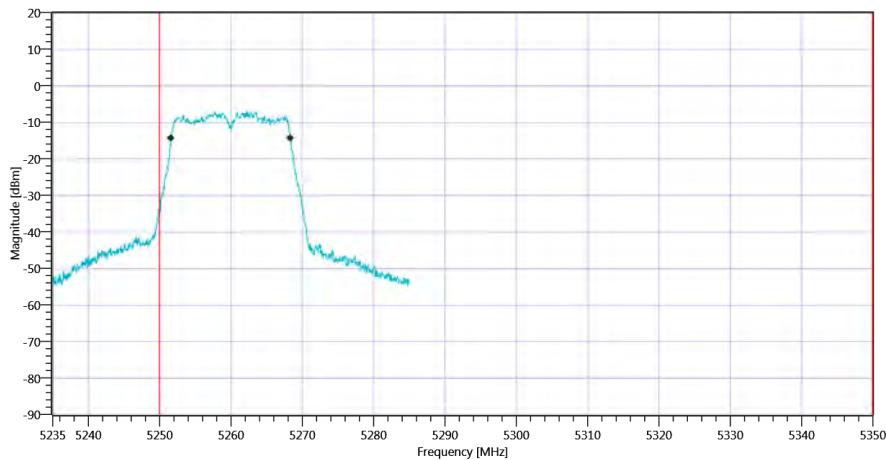
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.98   14.58   10
Start [MHz]   Stop [MHz]	5235.000   5285.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.733	MHz	Information
T1 99%	5250.000000	--	5251.6583	MHz	PASS since U-NII-1 is supported
T2 99%	--	5350.000000	5268.3916	MHz	PASS



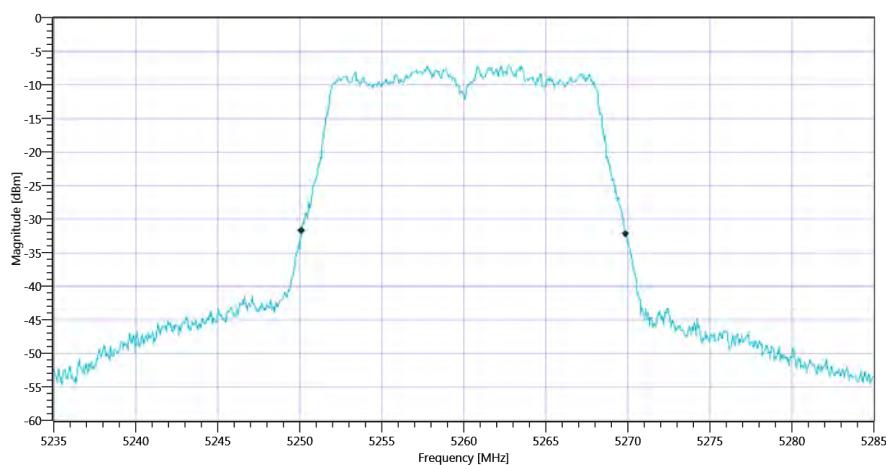
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 99PCT\_04122019\_081523.png



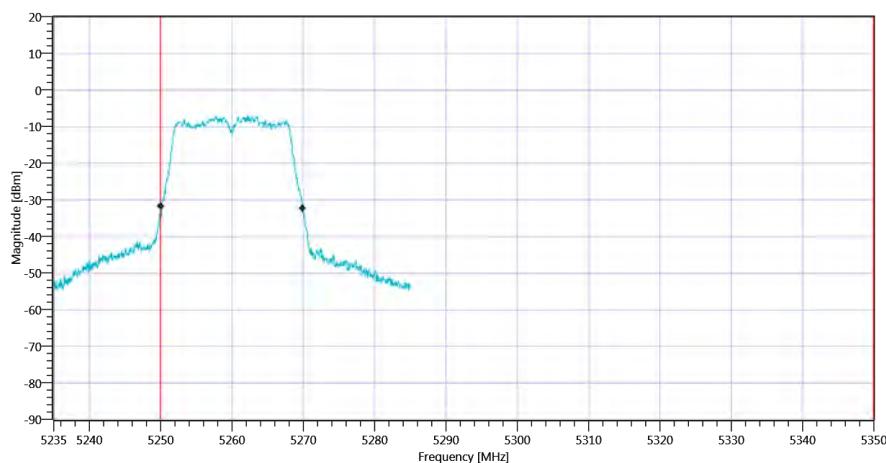
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_081526.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.8	MHz	Information
T1 26dB	5250.000000	--	5250.1000	MHz	PASS since U-NII-1 is supported
T2 26dB	--	5350.000000	5269.9000	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB\_04122019\_081530.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_081533.png

TEST FINISHED

General Verdict

04.12.2019 08:15:33 / RT: 28 s

PASS

## 34. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	04.12.2019 08:17:45
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

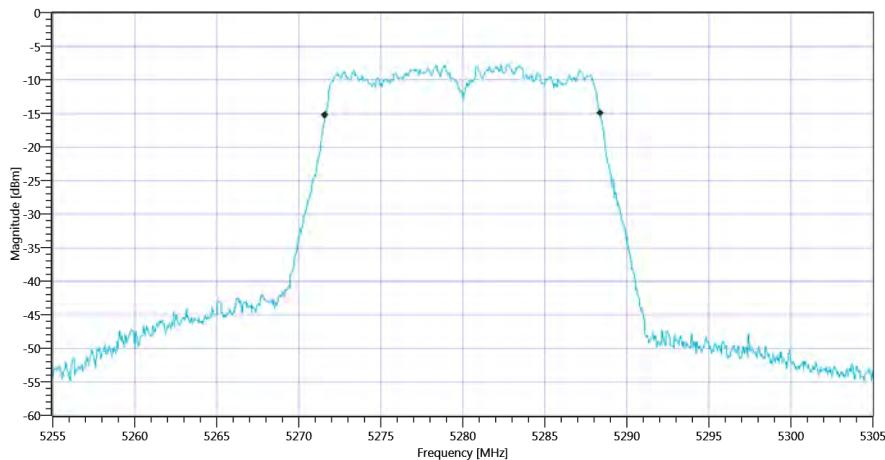
## Test at TX 5280 MHz

**READ SA SETTINGS:**

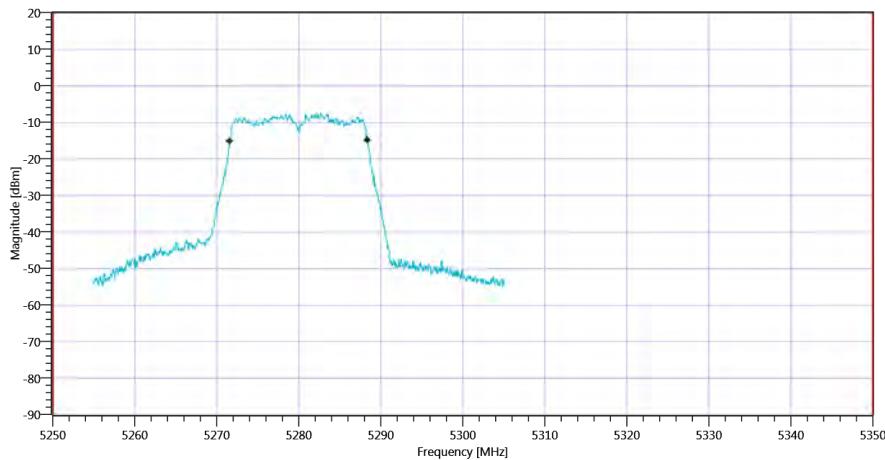
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	5.40   14.37   10
Start [MHz]   Stop [MHz]	5255.000   5305.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5250.000000	--	5271.6084	MHz	PASS since U-NII-1 is supported
T2 99%	--	5350.000000	5288.3916	MHz	PASS



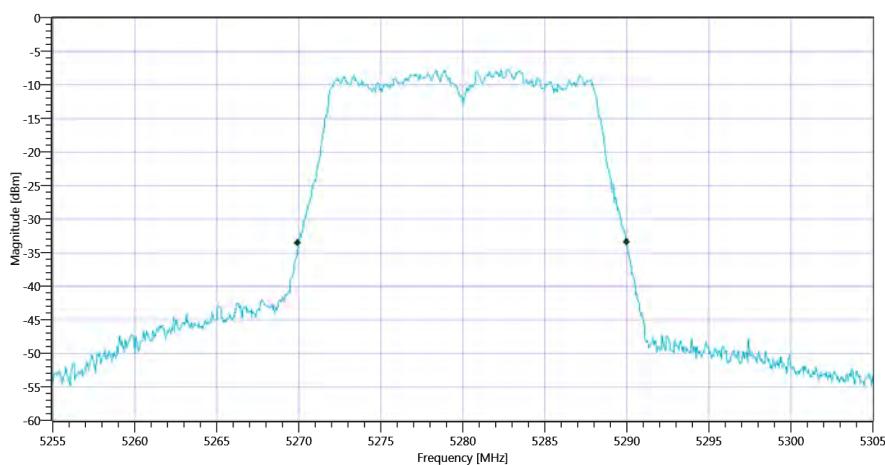
Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 99PCT\_04122019\_081803.png



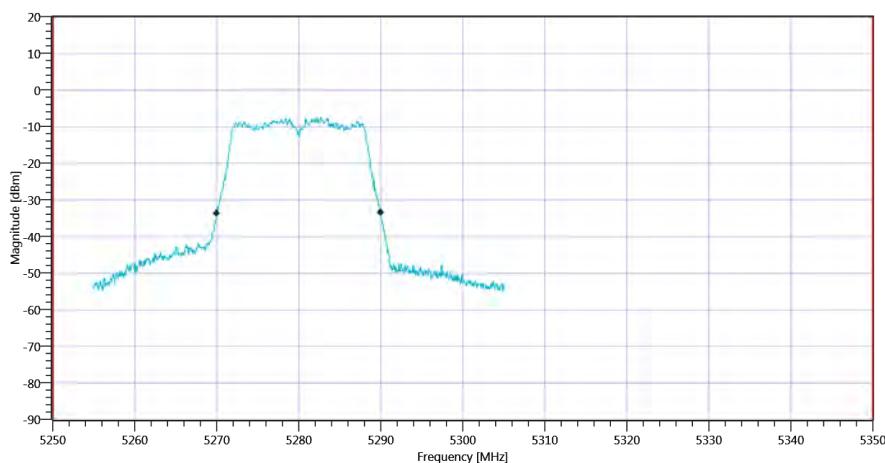
Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_081806.png

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20.05	MHz	Information
T1 26dB	5250.000000	--	5269.9500	MHz	PASS since U-NII-1 is supported
T2 26dB	--	5350.000000	5290.0000	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB\_04122019\_081810.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_081813.png

TEST FINISHED

General Verdict

04.12.2019 08:18:13 / RT: 28 s

PASS

## 35. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A

### Test References

TC Start	04.12.2019 08:20:13
System Version	1.0.0.24
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2A
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

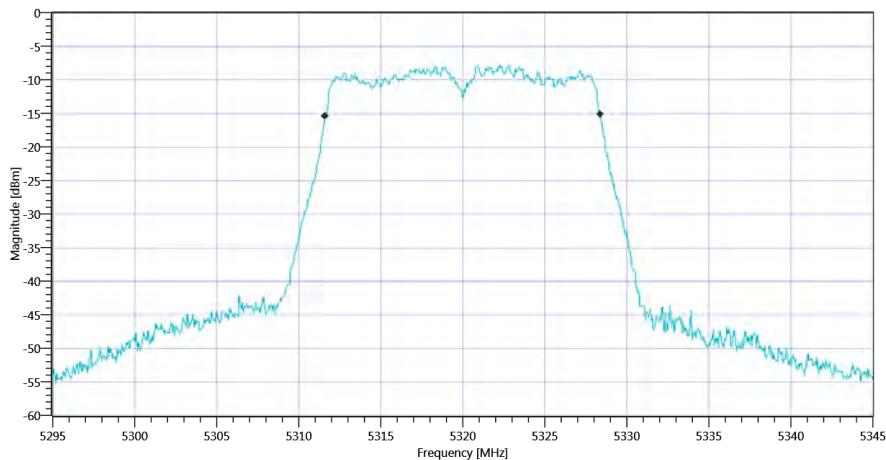
## Test at TX 5320 MHz

### READ SA SETTINGS:

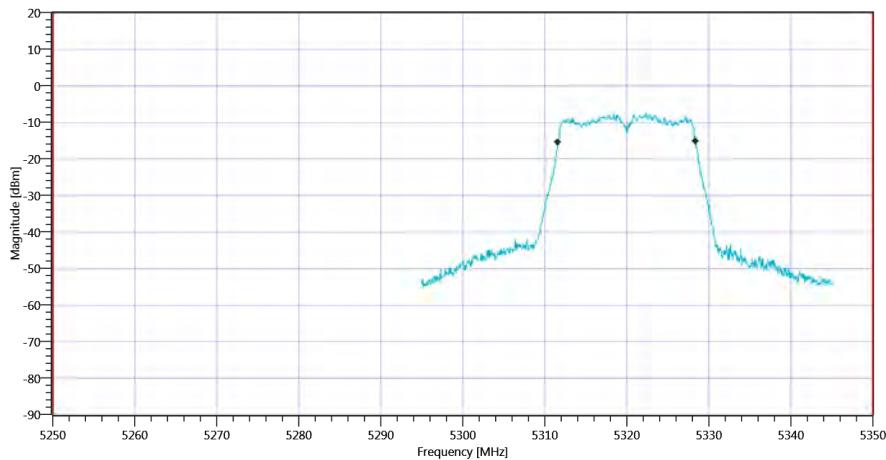
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	4.41   14.09   10
Start [MHz]   Stop [MHz]	5295.000   5345.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5250.000000	--	5311.6084	MHz	PASS since U-NII-1 is supported
T2 99%	--	5350.000000	5328.3916	MHz	PASS



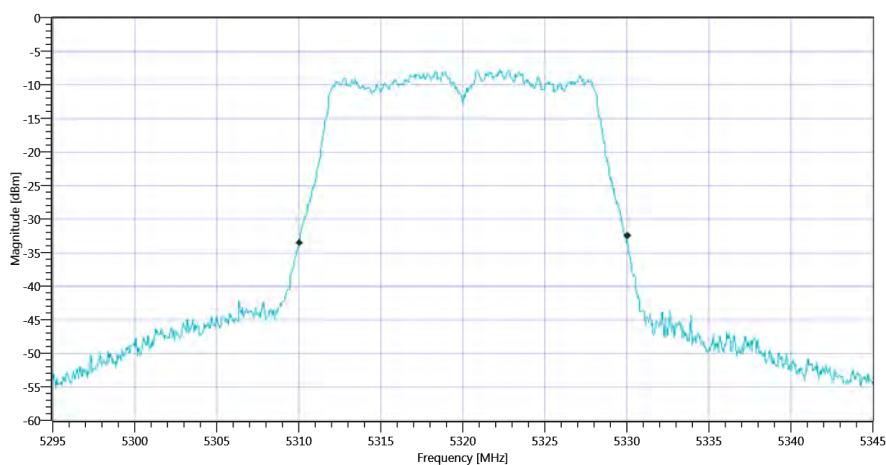
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 99PCT\_04122019\_082031.png



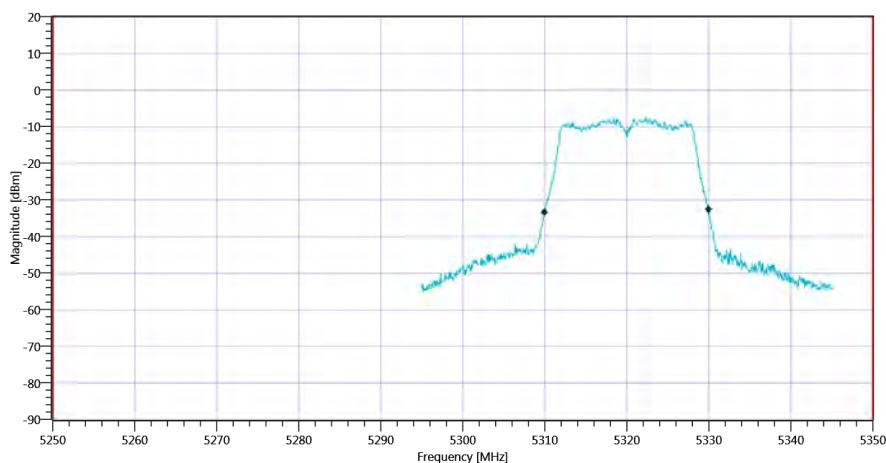
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_082034.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20	MHz	Information
T1 26dB	5250.000000	--	5310.0500	MHz	PASS since U-NII-1 is supported
T2 26dB	--	5350.000000	5330.0500	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB\_04122019\_082038.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2A\_04122019\_082041.png

TEST FINISHED

General Verdict

04.12.2019 08:20:41 / RT: 28 s

PASS

## 36. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:21:53
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

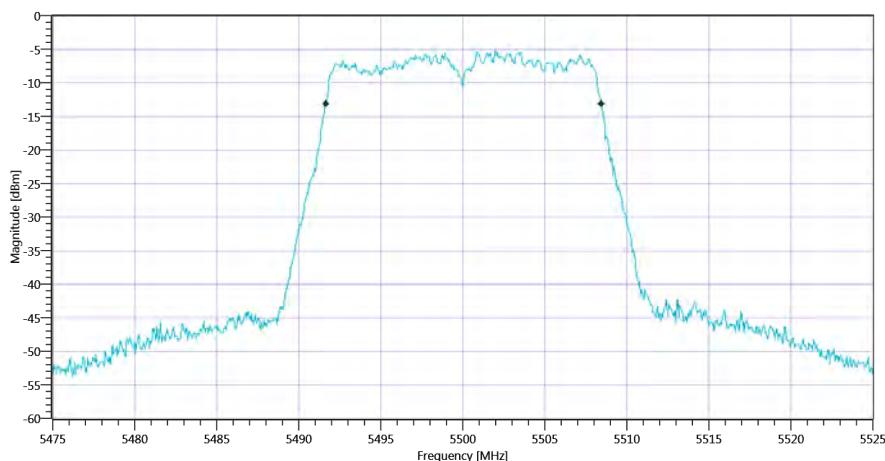
## Test at TX 5500 MHz

### READ SA SETTINGS:

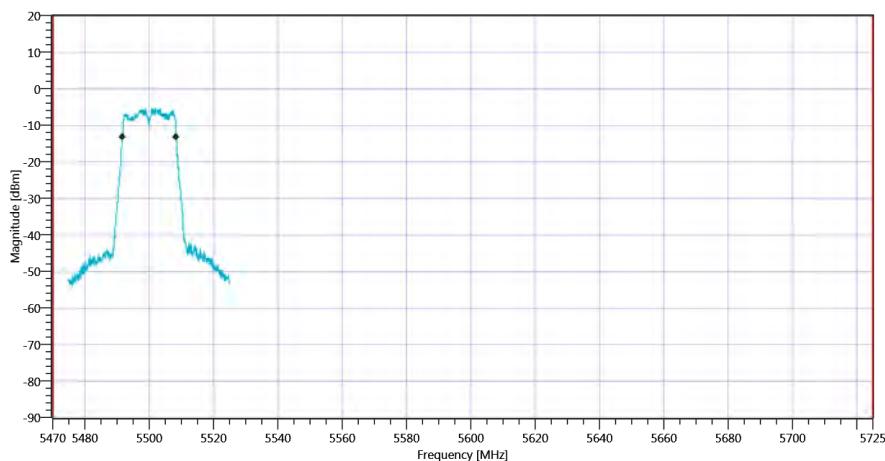
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	8.62   14.07   10
Start [MHz]   Stop [MHz]	5475.000   5525.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5470.000000	--	5491.6583	MHz	PASS since U-NII-3 is supported
T2 99%	--	5725.000000	5508.4416	MHz	



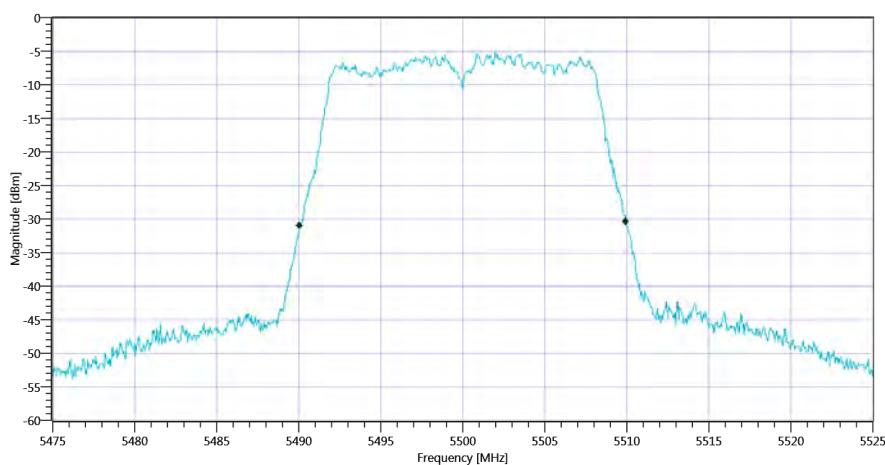
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT\_18102019\_122212.png



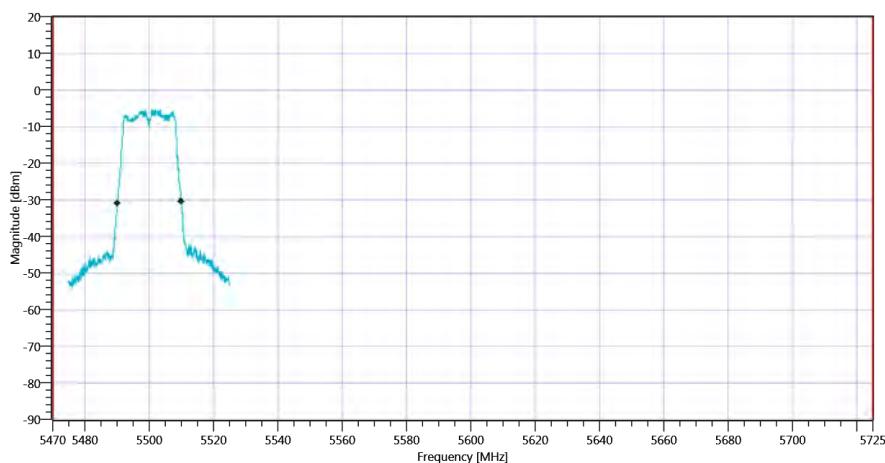
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C\_18102019\_122215.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.9	MHz	Information
T1 26dB	5470.000000	--	5490.0500	MHz	PASS since U-NII-3 is supported
T2 26dB	--	5725.000000	5509.9500	MHz	



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C 26dB\_18102019\_122219.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C\_18102019\_122222.png

TEST FINISHED

General Verdict

18.10.2019 12:22:22 / RT: 28 s

PASS

## 37. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:24:27
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

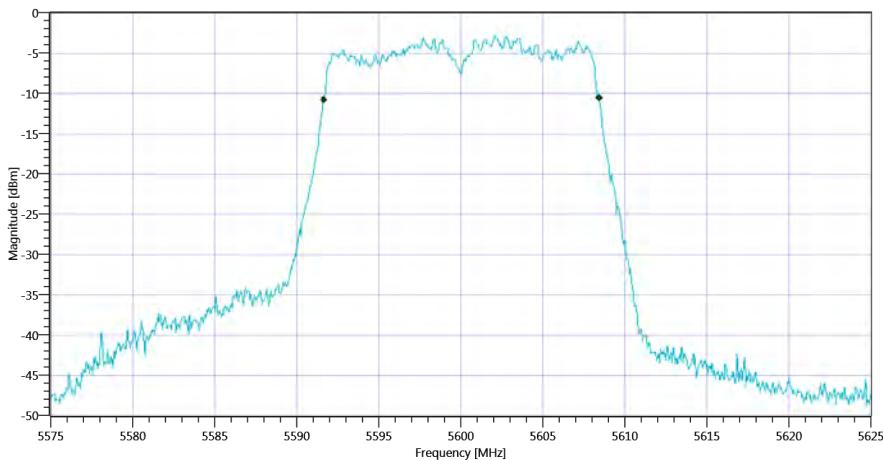
## Test at TX 5600 MHz

**READ SA SETTINGS:**

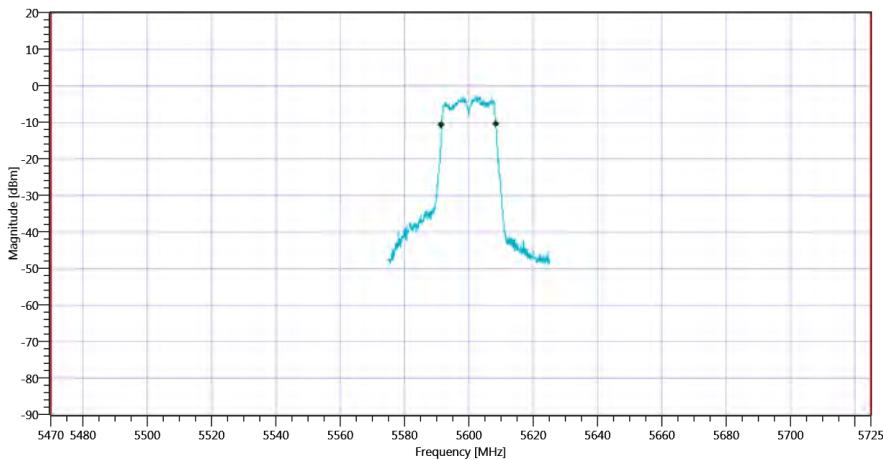
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.29   14.17   15
Start [MHz]   Stop [MHz]	5575.000   5625.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5470.000000	--	5591.6583	MHz	PASS since U-NII-3 is supported
T2 99%	--	5725.000000	5608.4416	MHz	



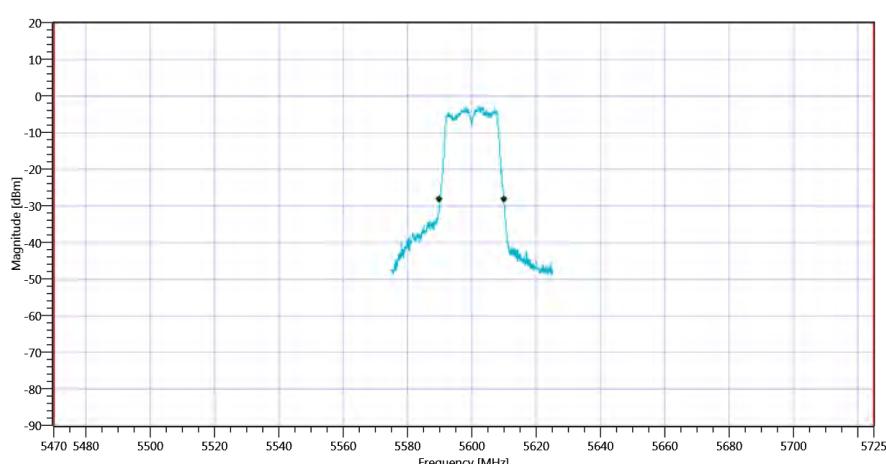
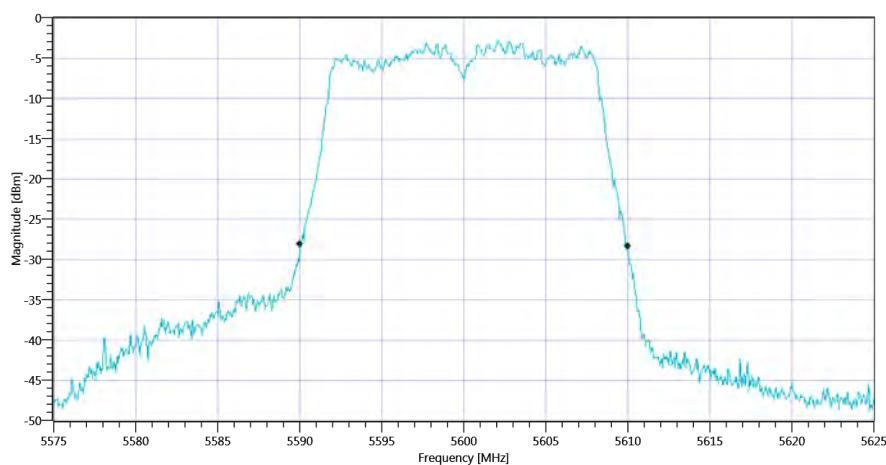
Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT\_18102019\_122447.png



Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C\_18102019\_122450.png

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20	MHz	Information
T1 26dB	5470.000000	--	5590.0000	MHz	PASS since U-NII-3 is supported
T2 26dB	--	5725.000000	5610.0000	MHz	



TEST FINISHED

General Verdict

18.10.2019 12:24:56 / RT: 29 s

PASS

## 38. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	18.10.2019 12:27:02
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-2C
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

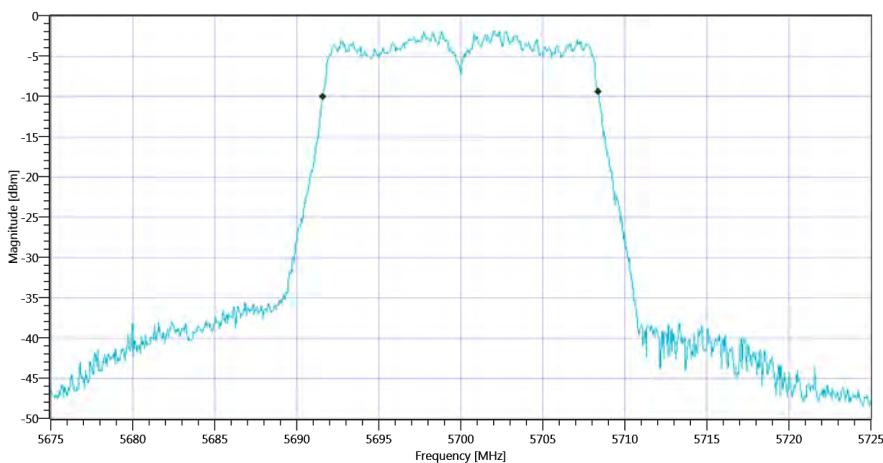
## Test at TX 5700 MHz

### READ SA SETTINGS:

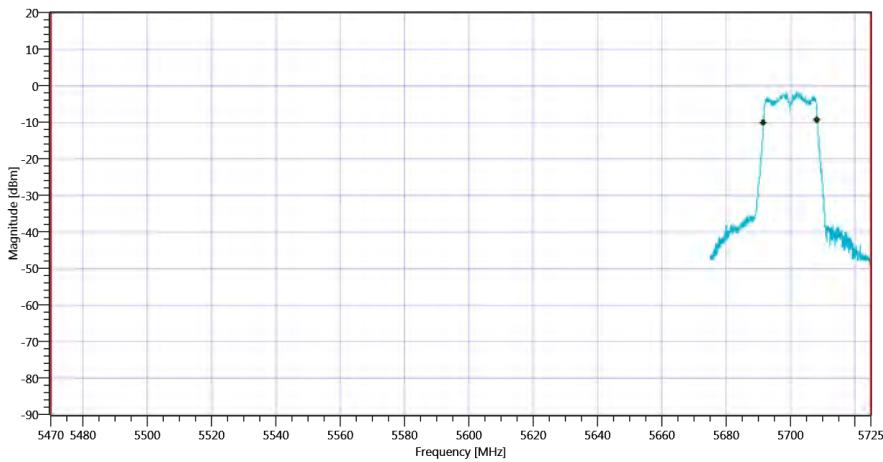
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	10.50   14.41   15
Start [MHz]   Stop [MHz]	5675.000   5725.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5470.000000	--	5691.6084	MHz	PASS since U-NII-3 is supported
T2 99%	--	5725.000000	5708.3916	MHz	



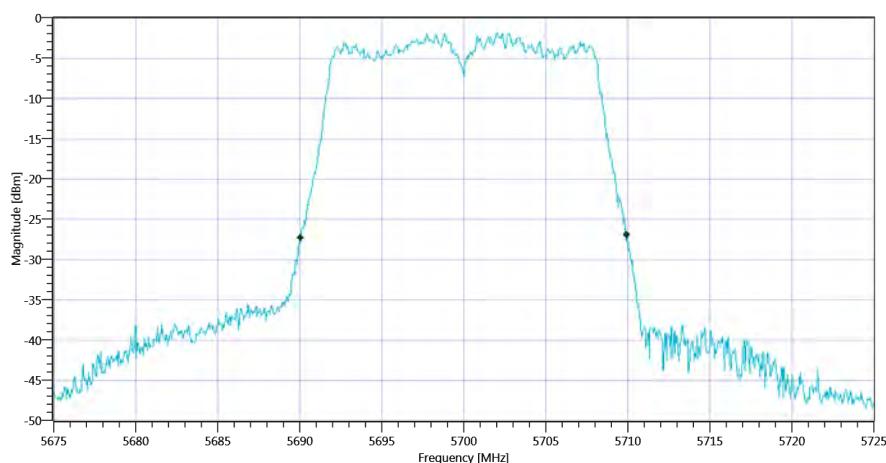
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT\_18102019\_122721.png



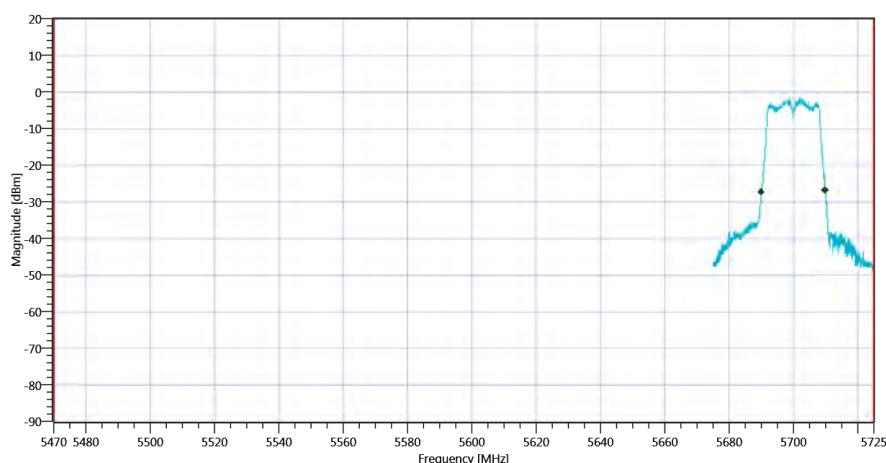
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C\_18102019\_122724.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.9	MHz	Information
T1 26dB	5470.000000	--	5690.0500	MHz	PASS since U-NII-3 is supported
T2 26dB	--	5725.000000	5709.9500	MHz	



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C 26dB\_18102019\_122728.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-2C\_18102019\_122731.png

TEST FINISHED

General Verdict

18.10.2019 12:27:31 / RT: 29 s

PASS

## 39. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:29:54
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

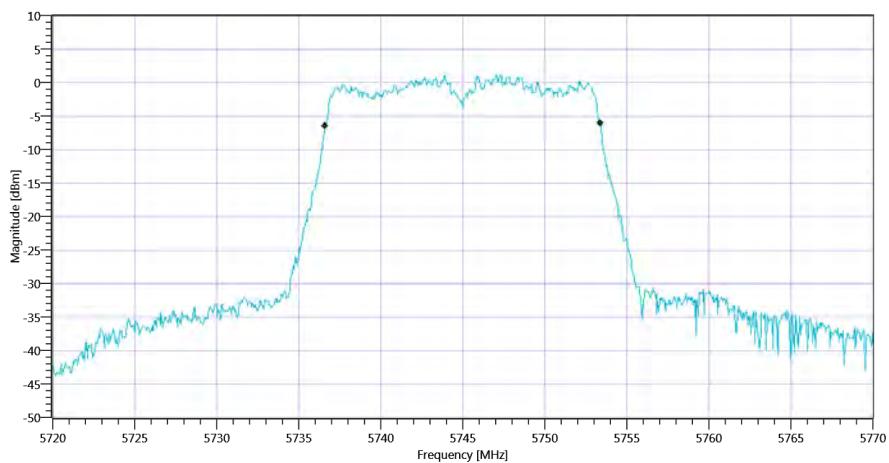
## Test at TX 5745 MHz

**READ SA SETTINGS:**

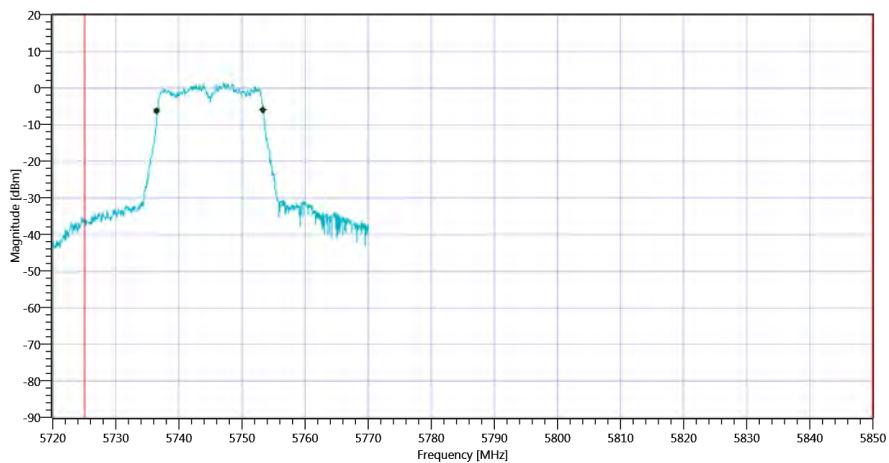
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	13.72   14.24   15
Start [MHz]   Stop [MHz]	5720.000   5770.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5725.000000	--	5736.6084	MHz	PASS
T2 99%	--	5850.000000	5753.3916	MHz	PASS



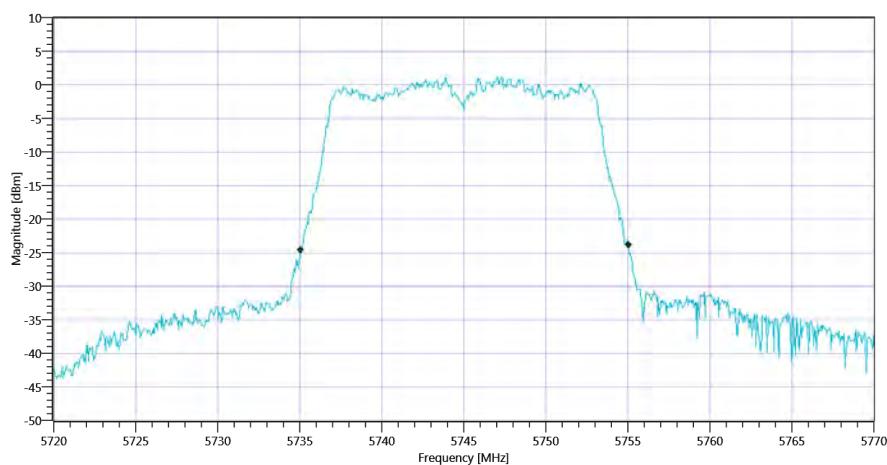
Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT\_18102019\_123013.png



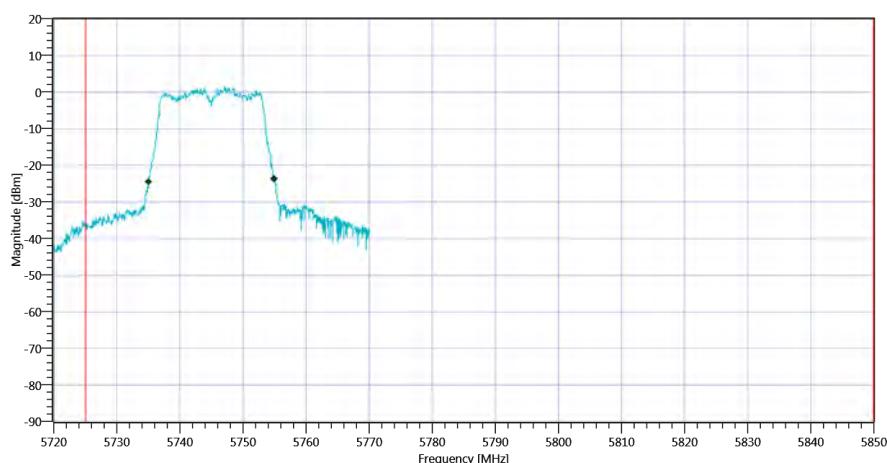
Plot\_FCC Part 15.407 &amp; ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123016.png

**RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	20	MHz	Information
T1 26dB	5725.000000	--	5735.0500	MHz	PASS
T2 26dB	--	5850.000000	5755.0500	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB\_18102019\_123020.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123023.png

TEST FINISHED

General Verdict

18.10.2019 12:30:23 / RT: 29 s

PASS

## 40. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:34:28
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

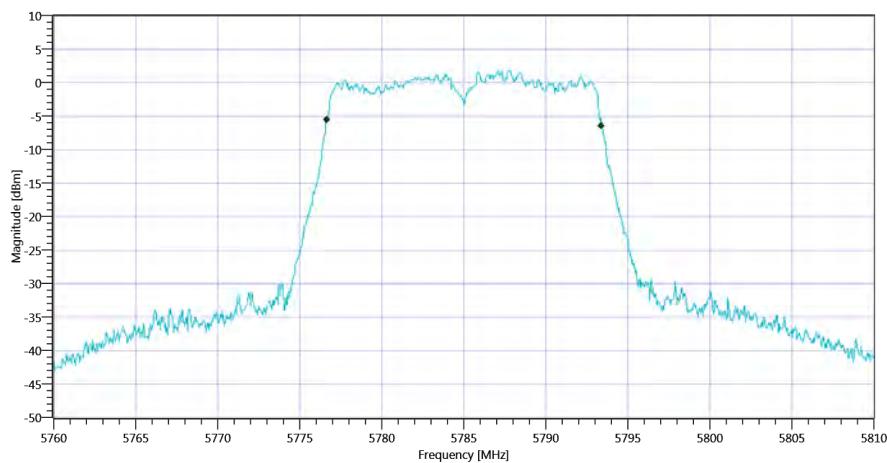
## Test at TX 5785 MHz

### READ SA SETTINGS:

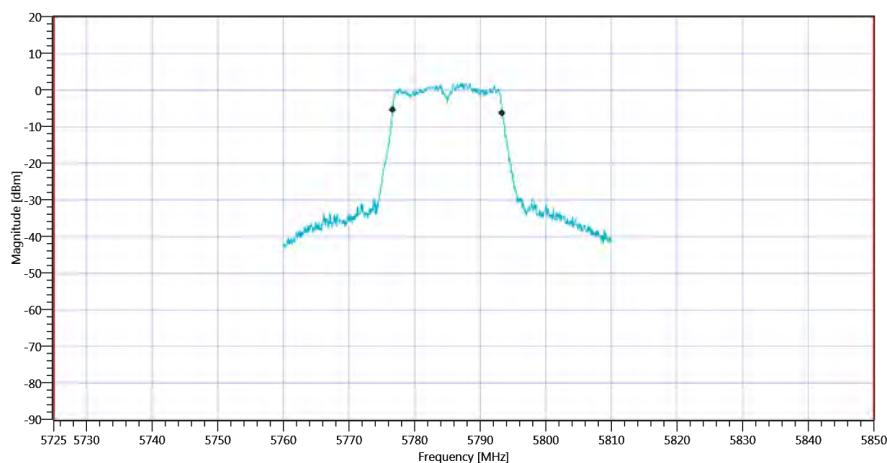
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.50   14.27   20
Start [MHz]   Stop [MHz]	5760.000   5810.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.733	MHz	Information
T1 99%	5725.000000	--	5776.6583	MHz	PASS
T2 99%	--	5850.000000	5793.3916	MHz	PASS



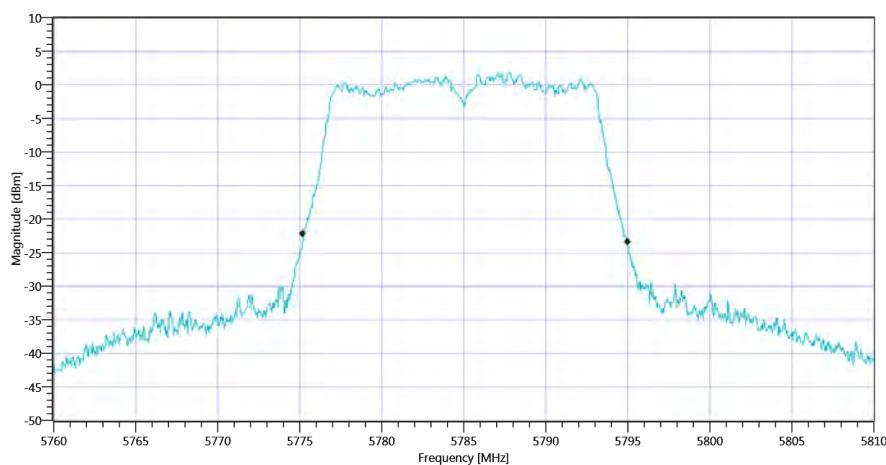
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT\_18102019\_123447.png



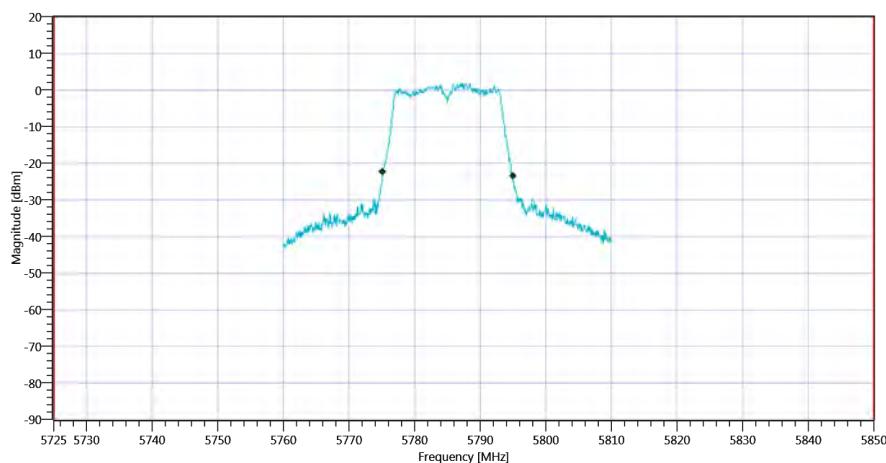
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123450.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.8	MHz	Information
T1 26dB	5725.000000	--	5775.2000	MHz	PASS
T2 26dB	--	5850.000000	5795.0000	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB\_18102019\_123454.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123457.png

TEST FINISHED

General Verdict

18.10.2019 12:34:57 / RT: 29 s

PASS

## 41. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.10.2019 12:38:14
System Version	1.0.0.21
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version / TC ID	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1   TCID_FCC15407_1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Add. Information	
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

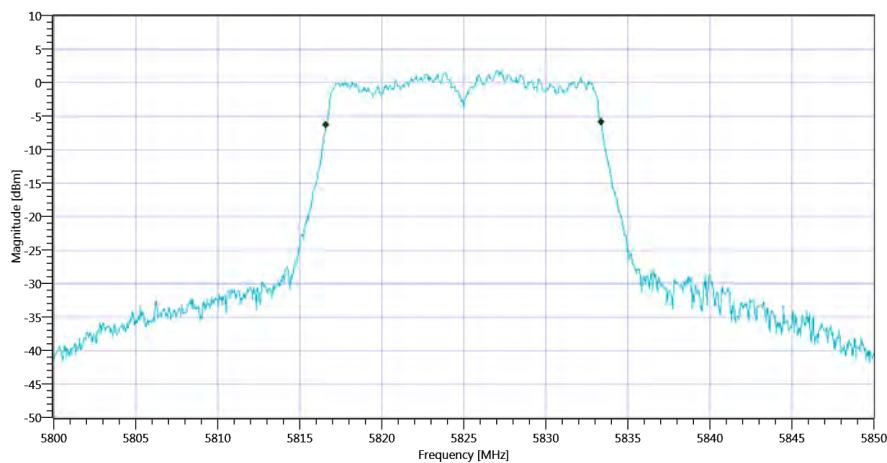
## Test at TX 5825 MHz

### READ SA SETTINGS:

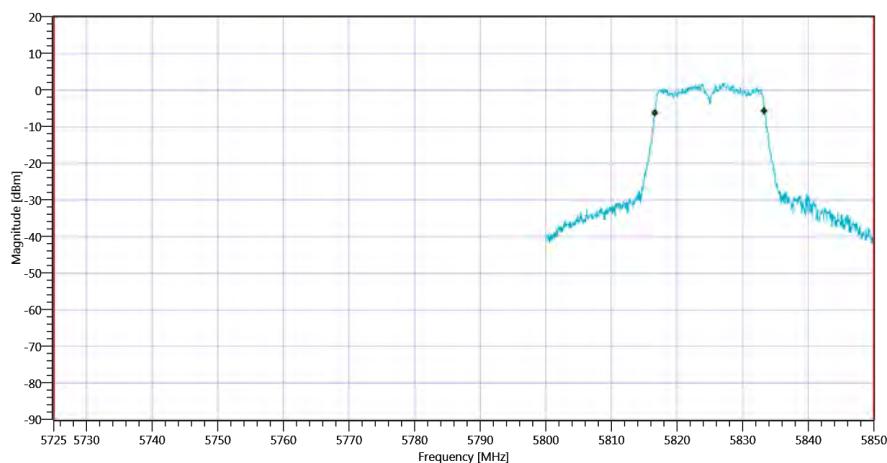
RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	14.74   14.33   20
Start [MHz]   Stop [MHz]	5800.000   5850.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	--	--	16.783	MHz	Information
T1 99%	5725.000000	--	5816.6084	MHz	PASS
T2 99%	--	5850.000000	5833.3916	MHz	PASS



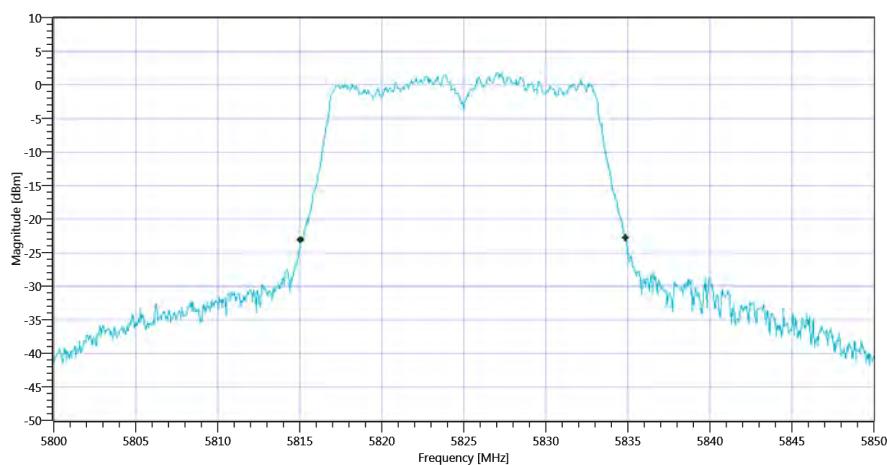
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT\_18102019\_123840.png



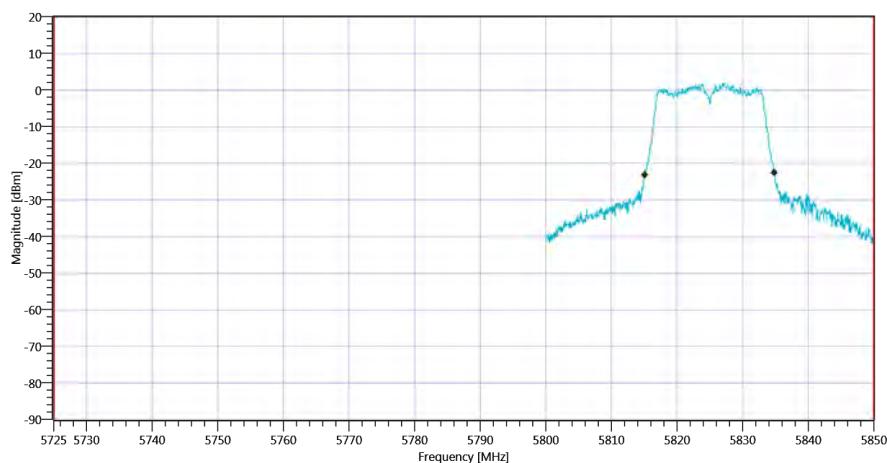
Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123843.png

RESULT: TC\_VM\_FCC15407\_Bandwidths\_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	--	--	19.85	MHz	Information
T1 26dB	5725.000000	--	5815.0500	MHz	PASS
T2 26dB	--	5850.000000	5834.9000	MHz	PASS



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB\_18102019\_123847.png



Plot\_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3\_18102019\_123850.png

TEST FINISHED

General Verdict

18.10.2019 12:38:50 / RT: 35 s

PASS

## 42. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3

### Test References

TC Start	18.10.2019 12:30:28
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
Class / TC Version / TC ID	TC_VM_FCC15407_Min_Emission_BW_V01 Version: 0.0.1   TCID_FCC15407_2
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

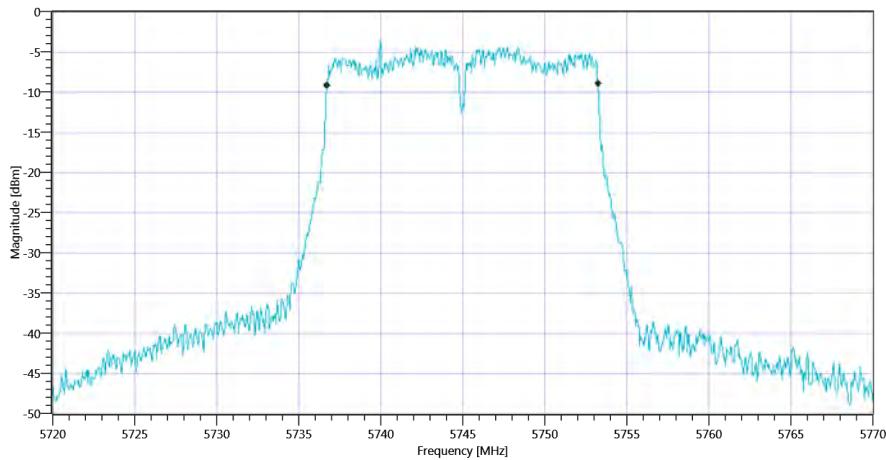
## Test at TX 5745 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	17.44   14.24   20
Start [MHz]   Stop [MHz]	5720.000   5770.000
RBW [MHz]   VBW [MHz]	0.100000   0.300000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Min\_Emission\_BW\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	--	16.55	MHz	PASS



Plot\_FCC Part 15.407 &amp; ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3\_18102019\_123106.png

**TEST FINISHED**

General Verdict

18.10.2019 12:31:07 / RT: 38 s

PASS

## 43. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3

### Test References

TC Start	18.10.2019 12:35:01
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
Class / TC Version / TC ID	TC_VM_FCC15407_Min_Emission_BW_V01 Version: 0.0.1   TCID_FCC15407_2
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	True   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

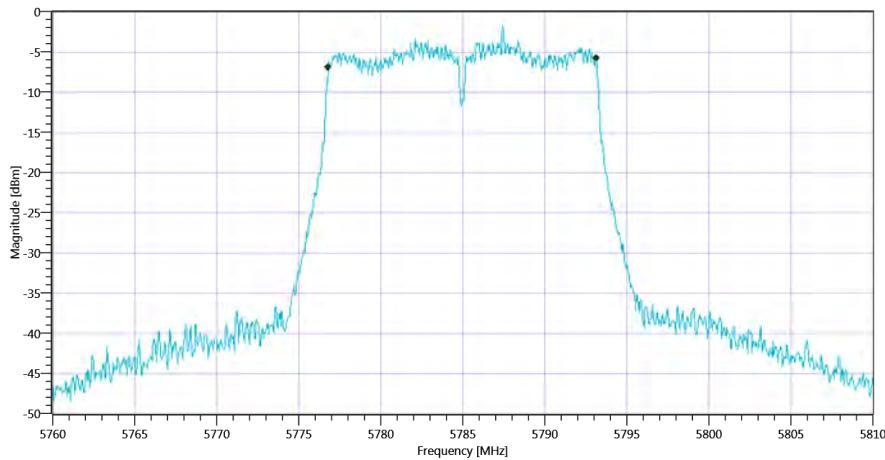
## Test at TX 5785 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.30   14.27   20
Start [MHz]   Stop [MHz]	5760.000   5810.000
RBW [MHz]   VBW [MHz]	0.100000   0.300000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Min\_Emission\_BW\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	--	16.35	MHz	PASS



Plot\_FCC Part 15.407 &amp; ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3\_18102019\_123543.png

**TEST FINISHED**

General Verdict

18.10.2019 12:35:43 / RT: 42 s

PASS

## 44. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3

### Test References

TC Start	18.10.2019 12:38:54
System Version	1.0.0.21
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
Class / TC Version / TC ID	TC_VM_FCC15407_Min_Emission_BW_V01 Version: 0.0.1   TCID_FCC15407_2
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

### Test Parameter

Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.50

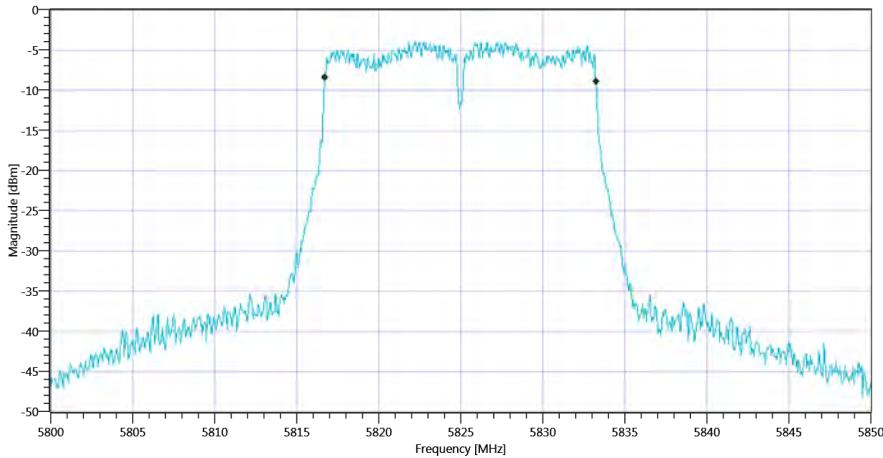
## Test at TX 5825 MHz

**READ SA SETTINGS:**

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	18.82   14.33   20
Start [MHz]   Stop [MHz]	5800.000   5850.000
RBW [MHz]   VBW [MHz]	0.100000   0.300000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	2   1500   1001   SWE

**RESULT: TC\_VM\_FCC15407\_Min\_Emission\_BW\_V01**

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	--	16.55	MHz	PASS



Plot\_FCC Part 15.407 &amp; ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3\_18102019\_123924.png

**TEST FINISHED**

General Verdict

18.10.2019 12:39:24 / RT: 30 s

PASS

- END OF DOCUMENT -