

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

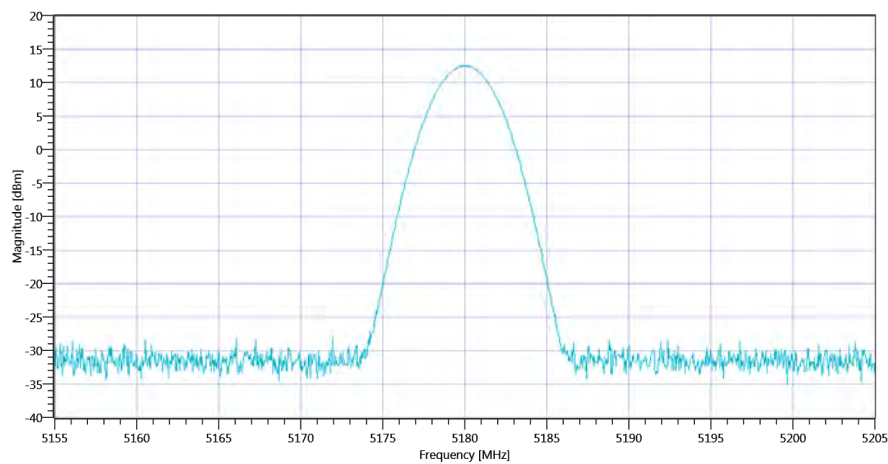
Test at TX 5180 MHz

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

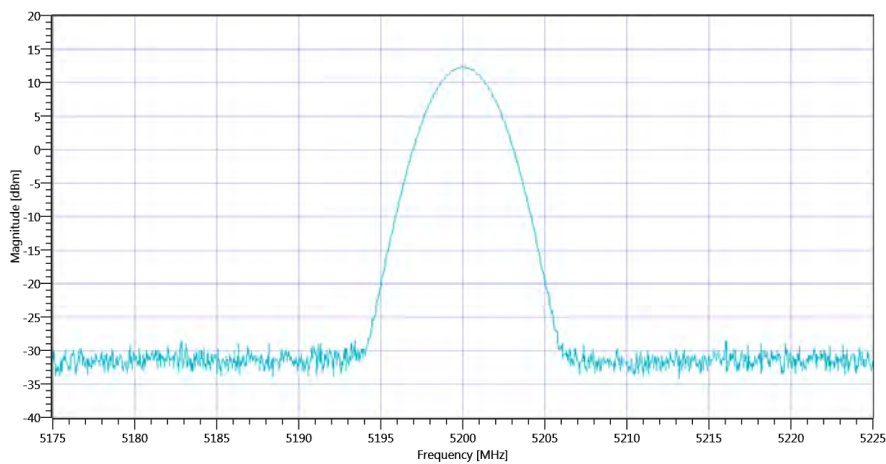
Test at TX 5200 MHz

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

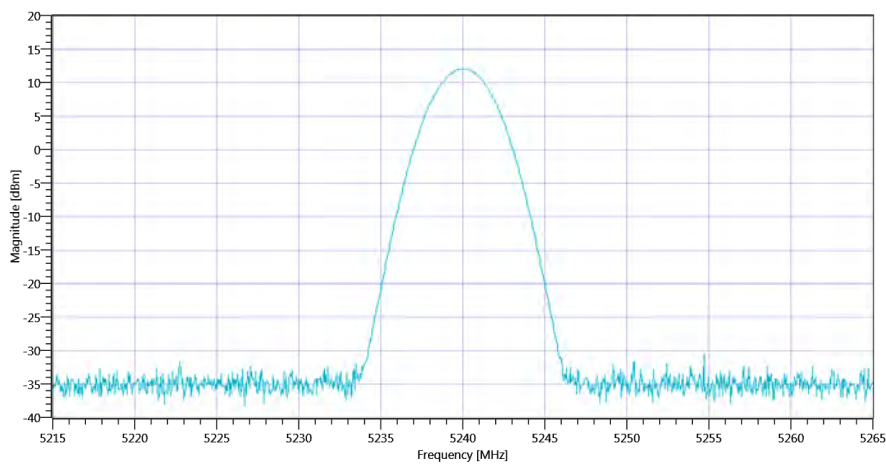
Test at TX 5240 MHz

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

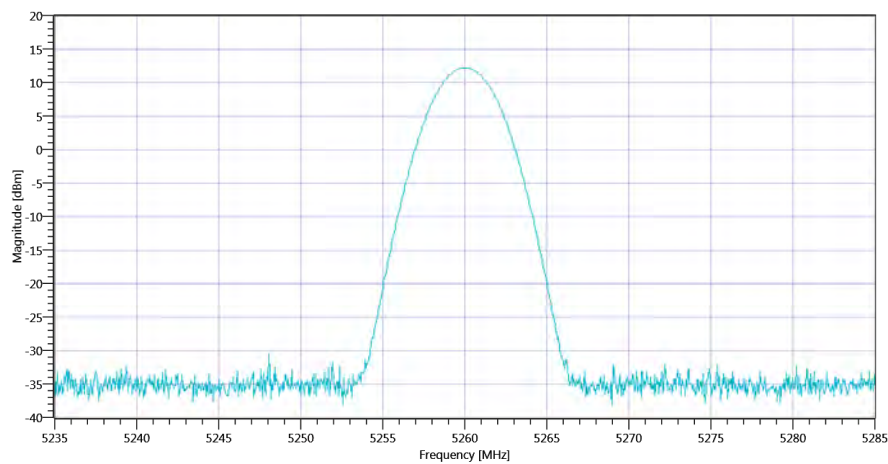
Test at TX 5260 MHz

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

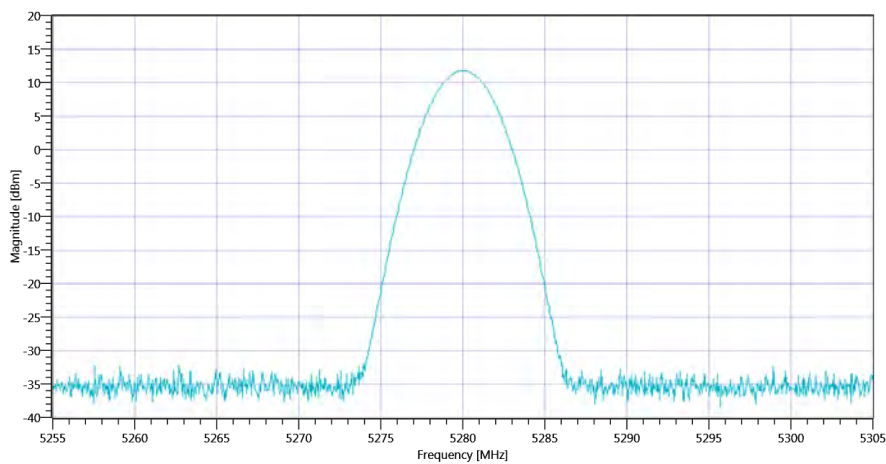
Test at TX 5280 MHz

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



Plot_Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-2A_25112019_154452.png

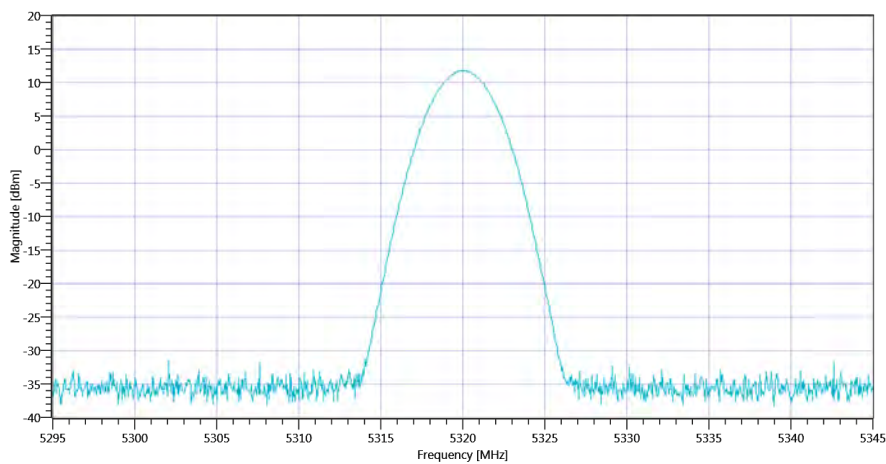
Test at TX 5320 MHz

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

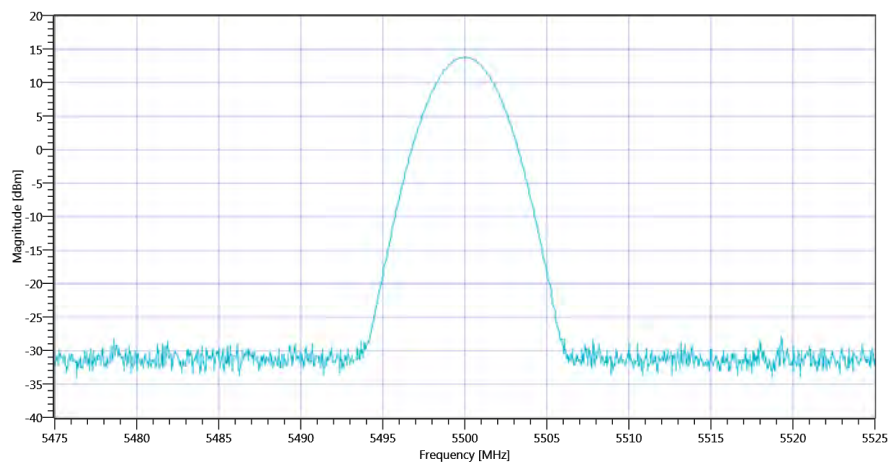
Test at TX 5500 MHz

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

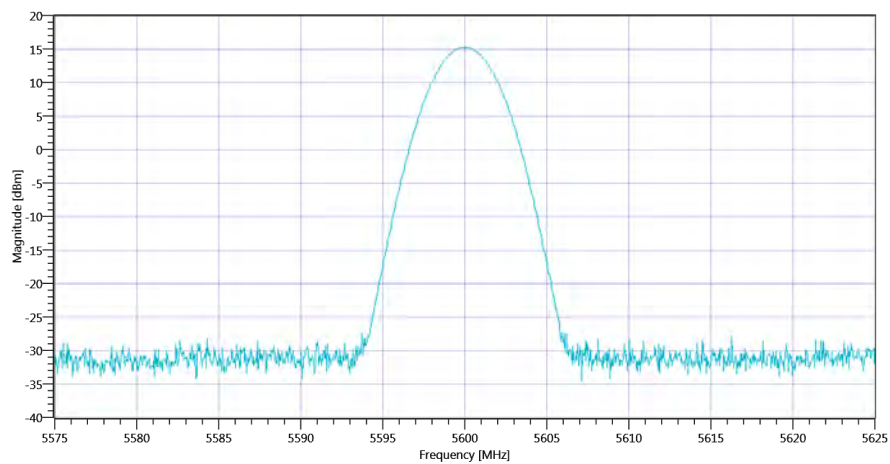
Test at TX 5600 MHz

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

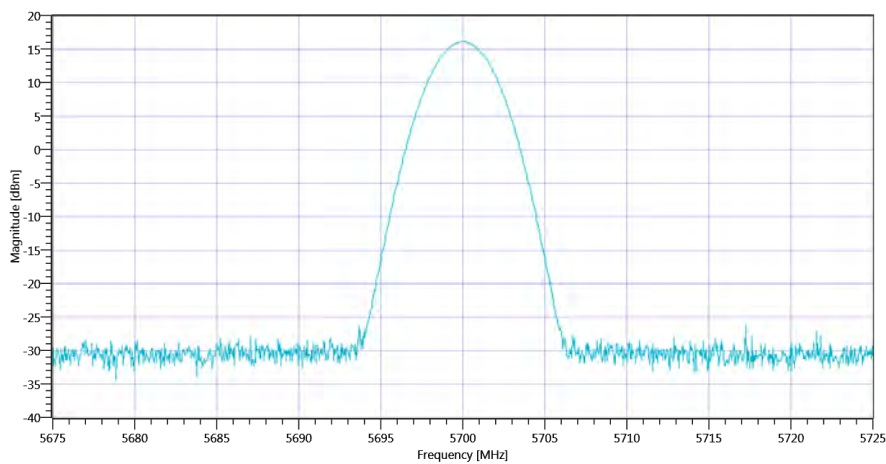
Test at TX 5700 MHz

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
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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

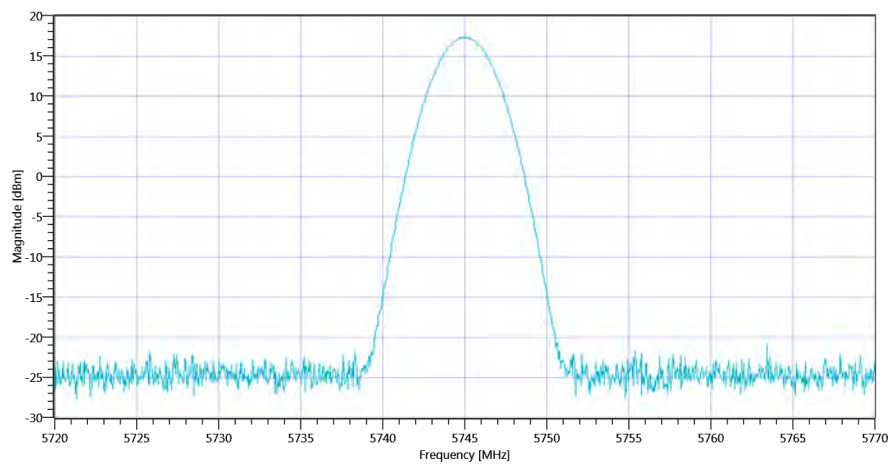
Test at TX 5745 MHz

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

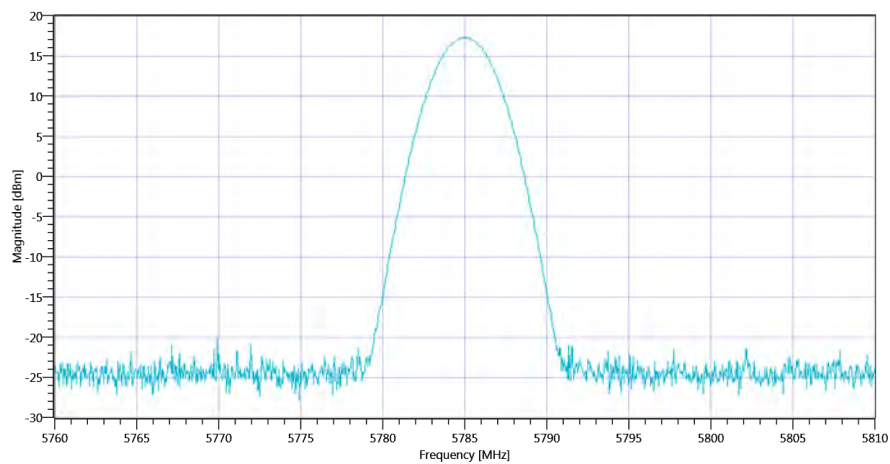
Test at TX 5785 MHz

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

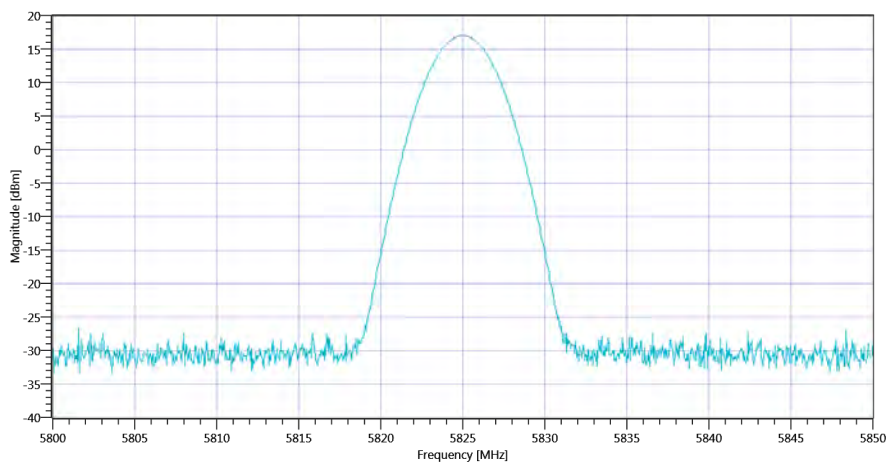
Test at TX 5825 MHz

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

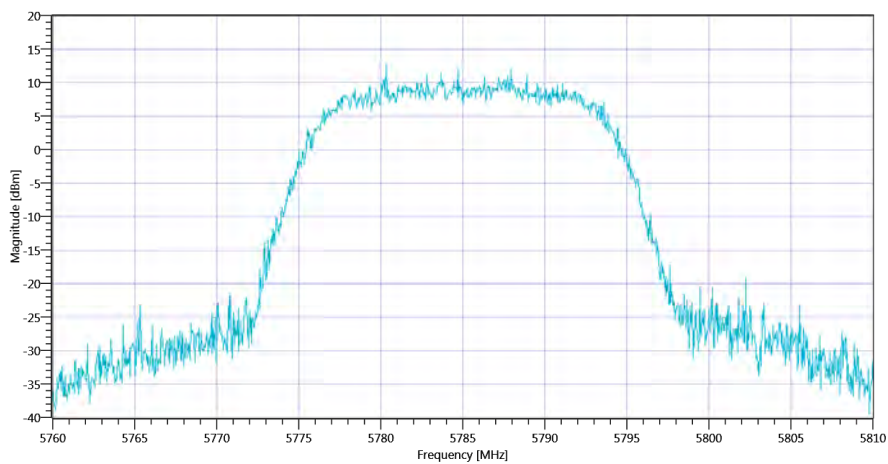
Test at TX 5785 MHz

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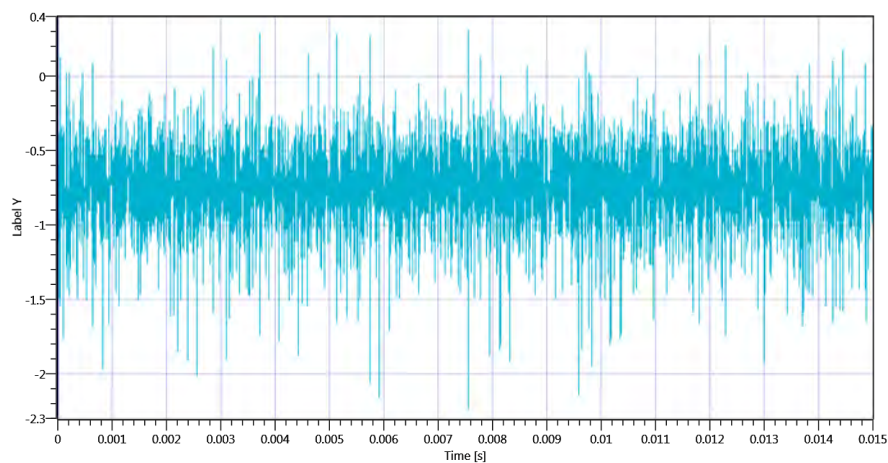
6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

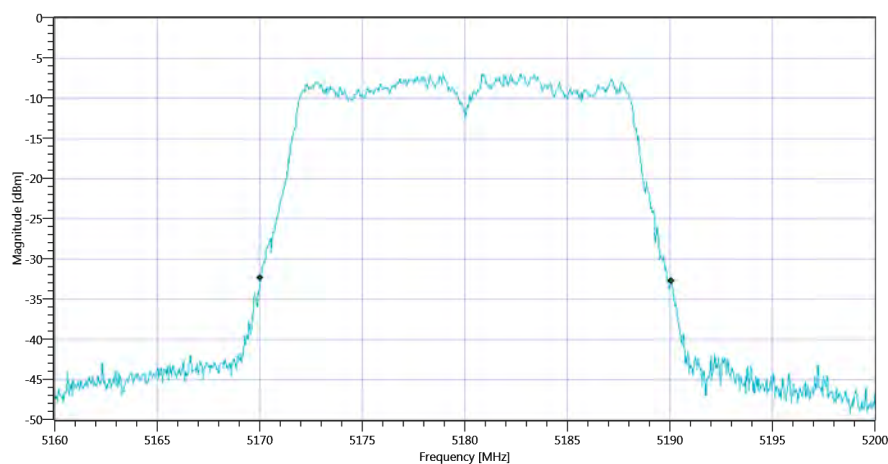
Test at TX 5180 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5180 MHz - Duty Cycle_04122019_074455.png

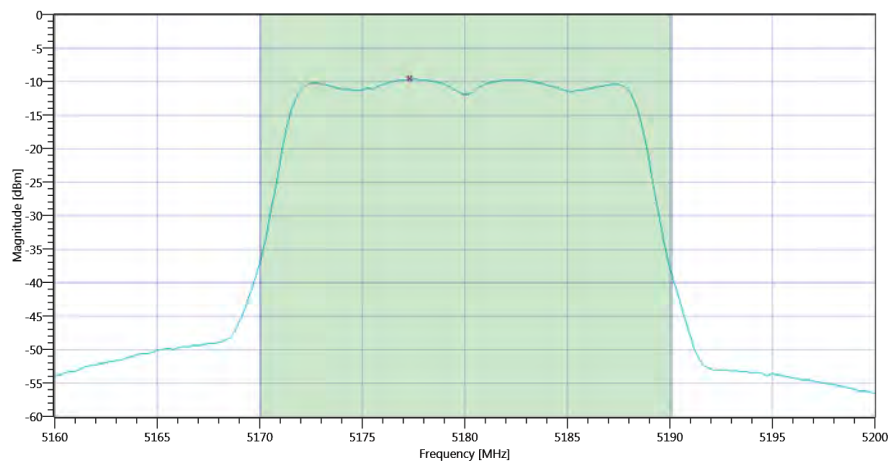
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	Information
T1 26dB	---	---	5170.0400	MHz	Information
T2 26dB	---	---	5190.0800	MHz	Information



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

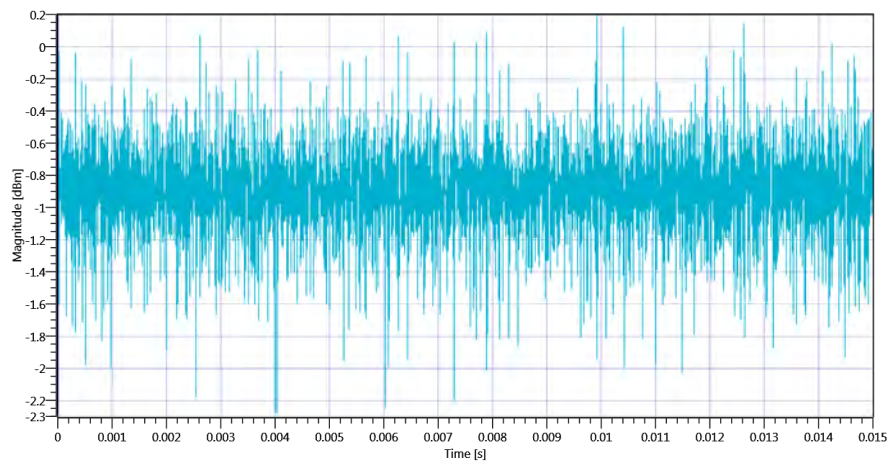
7. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

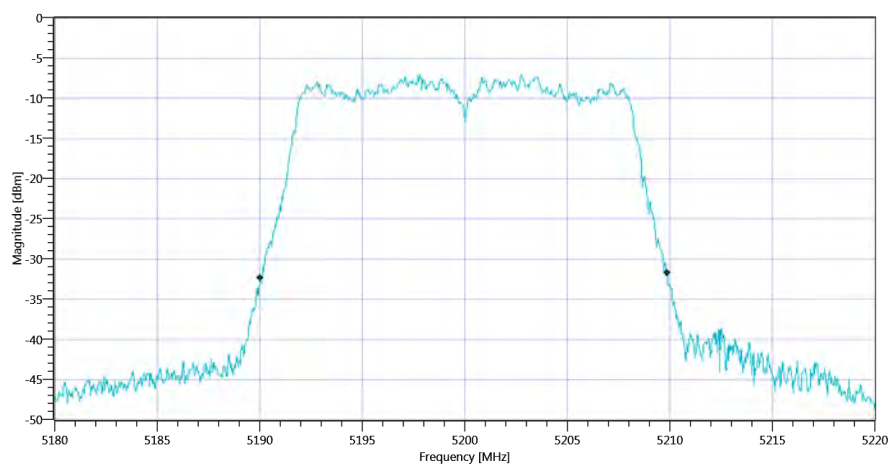
Test at TX 5200 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5200 MHz - Duty Cycle_04122019_075041.png

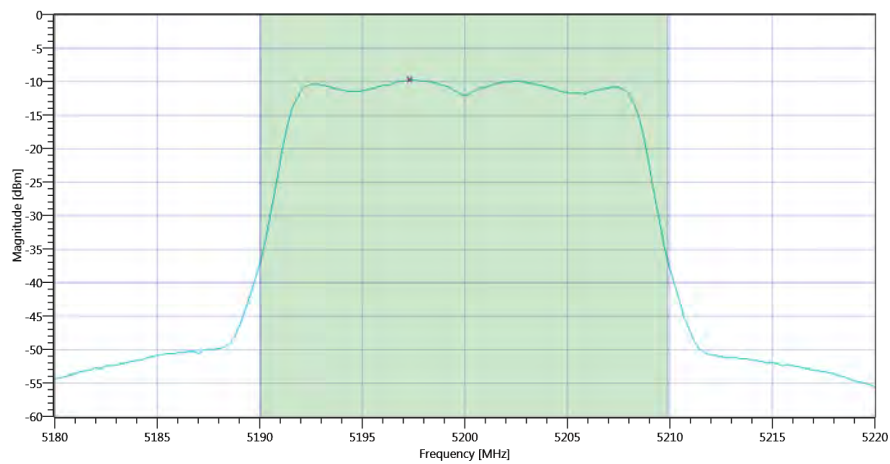
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.88	MHz	Information
T1 26dB	---	---	5190.0000	MHz	Information
T2 26dB	---	---	5209.8800	MHz	Information



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

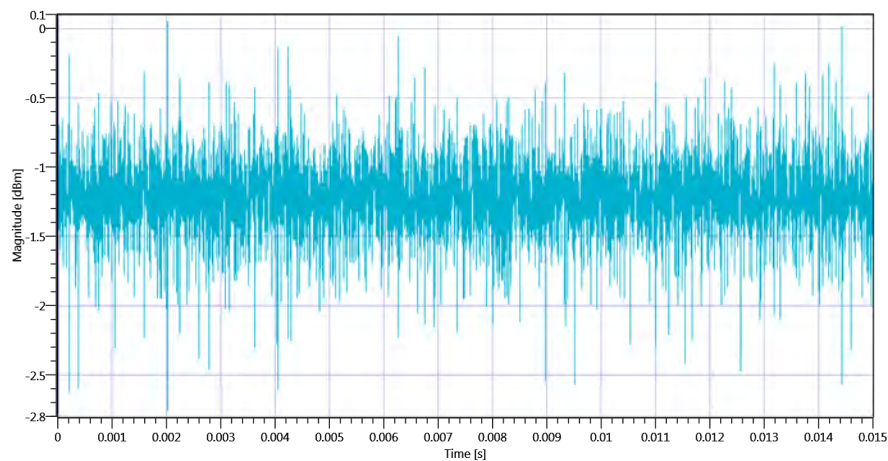
8. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

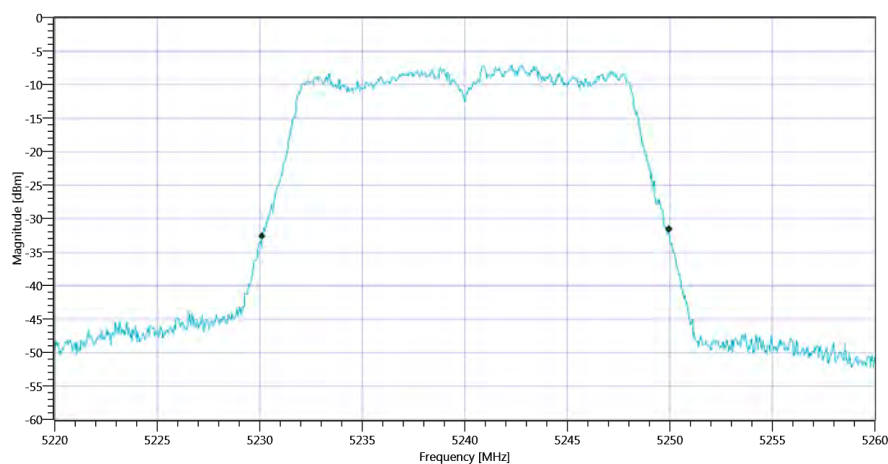
Test at TX 5240 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5240 MHz - Duty Cycle_04122019_075445.png

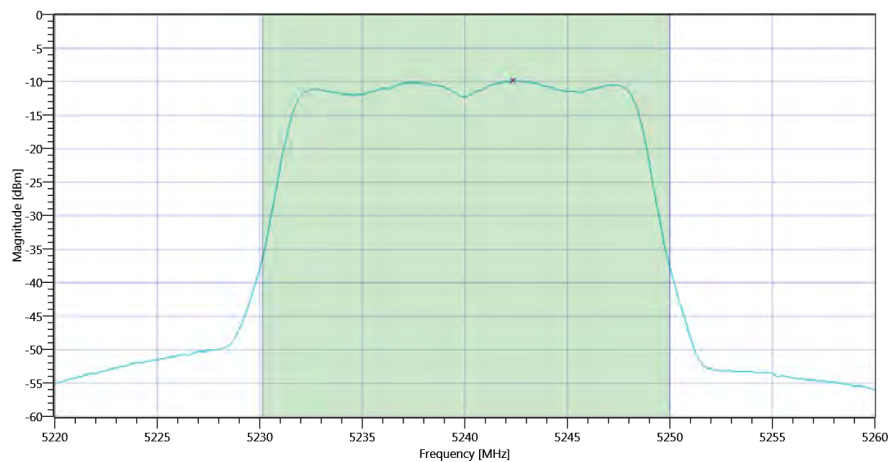
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.84	MHz	Information
T1 26dB	---	---	5230.1200	MHz	Information
T2 26dB	---	---	5249.9600	MHz	Information



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



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

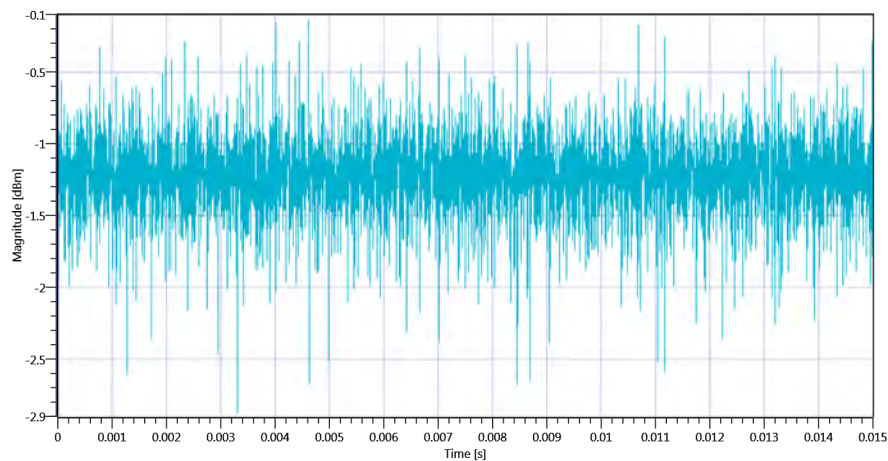
9. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

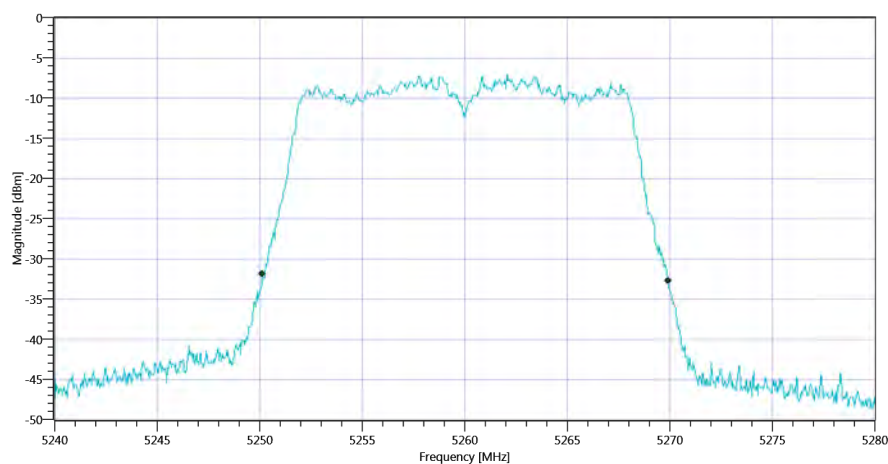
Test at TX 5260 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5260 MHz - Duty Cycle_04122019_081400.png

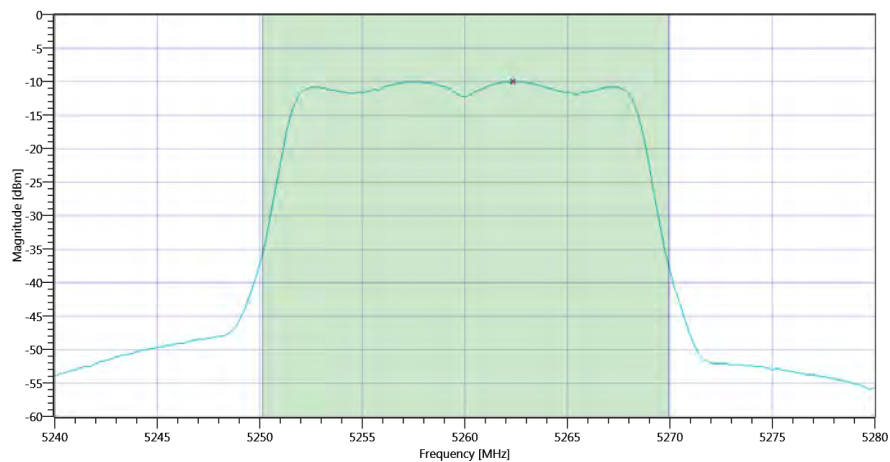
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.8	MHz	Information
T1 26dB	---	---	5250.1200	MHz	Information
T2 26dB	---	---	5269.9200	MHz	Information



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

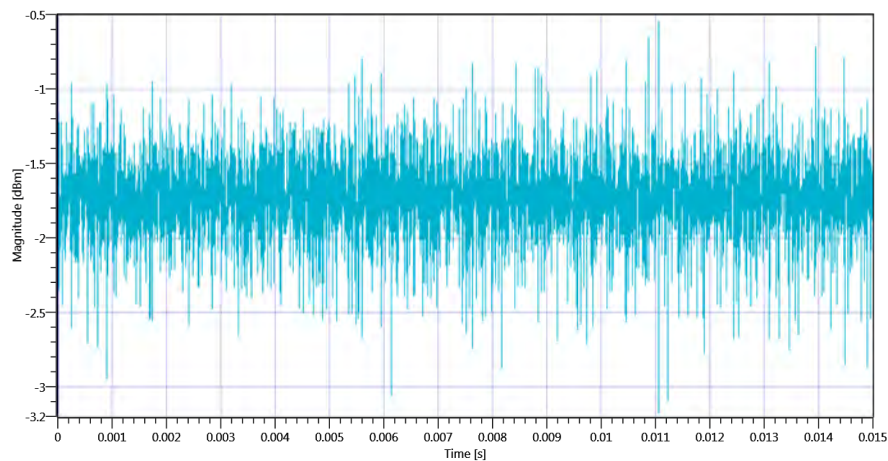
10. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

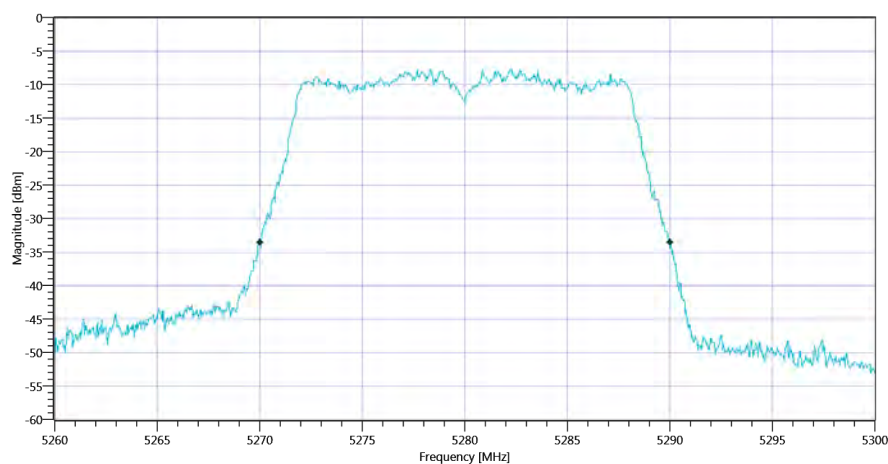
Test at TX 5280 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5280 MHz - Duty Cycle_04122019_081640.png

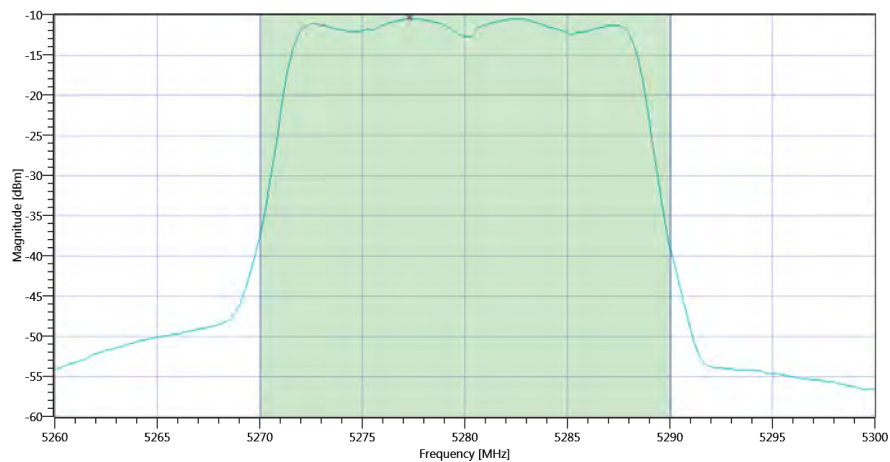
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	Information
T1 26dB	---	---	5270.0000	MHz	Information
T2 26dB	---	---	5290.0400	MHz	Information



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

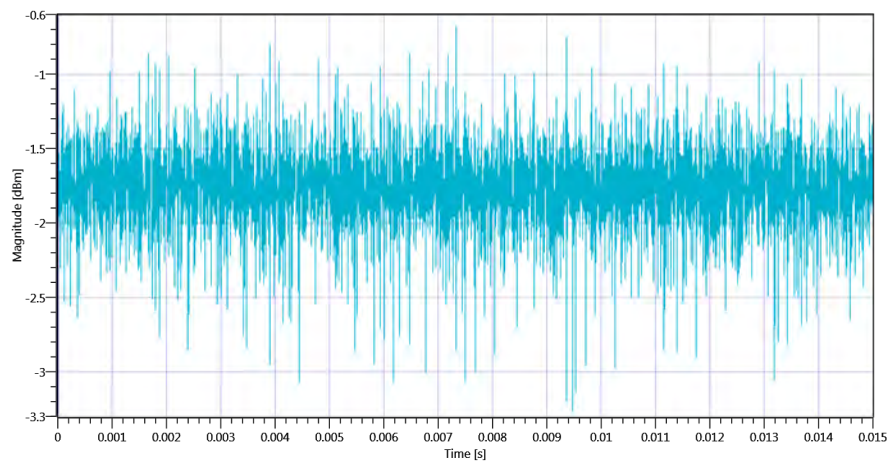
11. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

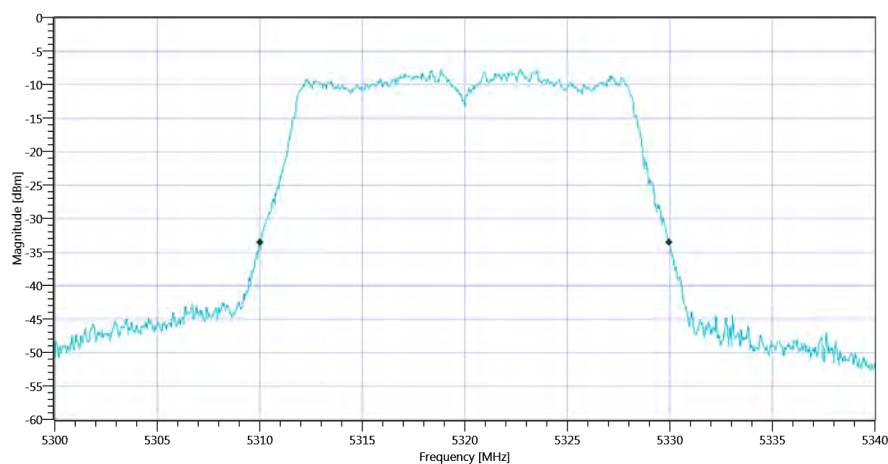
Test at TX 5320 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A 5320 MHz - Duty Cycle_04122019_081907.png

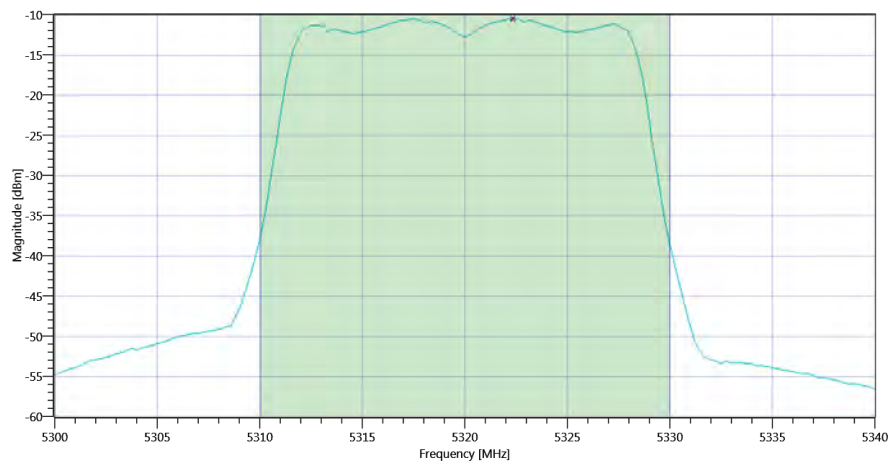
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.96	MHz	Information
T1 26dB	---	---	5310.0000	MHz	Information
T2 26dB	---	---	5329.9600	MHz	Information



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



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

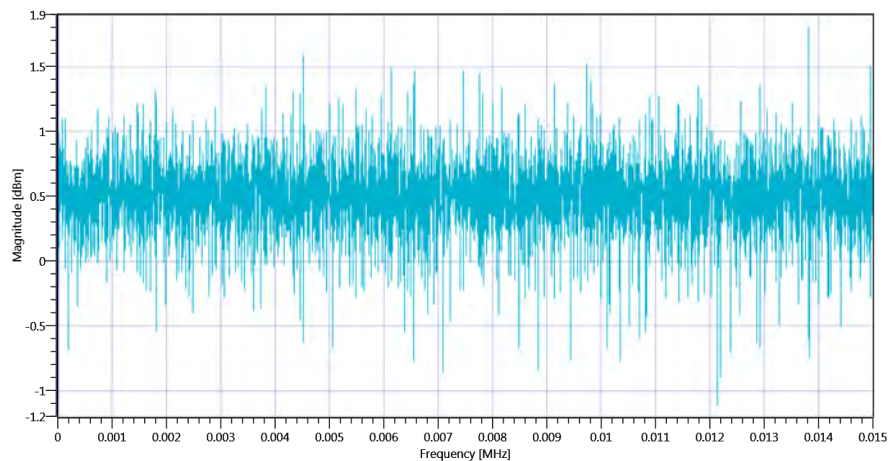
12. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

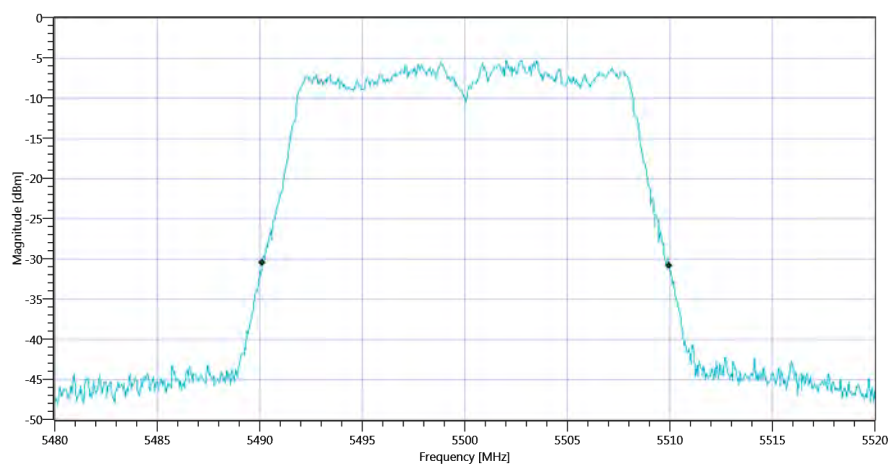
Test at TX 5500 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5500 MHz - Duty Cycle_18102019_122047.png

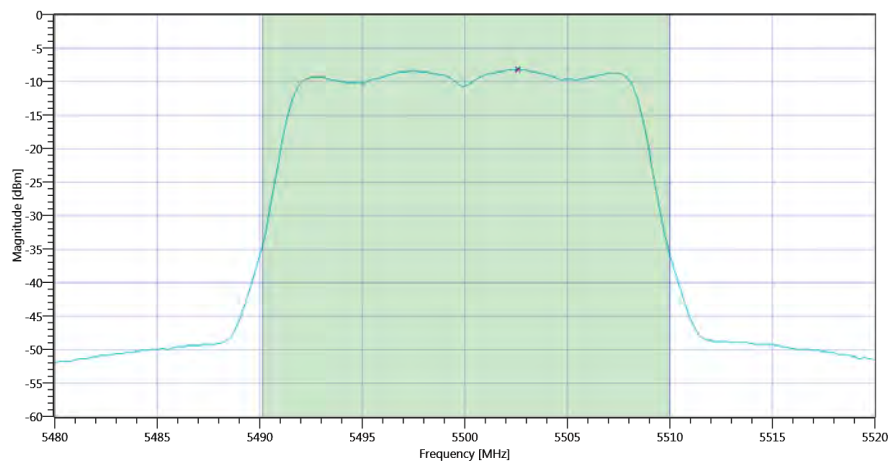
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.84	MHz	Information
T1 26dB	---	---	5490.1200	MHz	Information
T2 26dB	---	---	5509.9600	MHz	Information



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

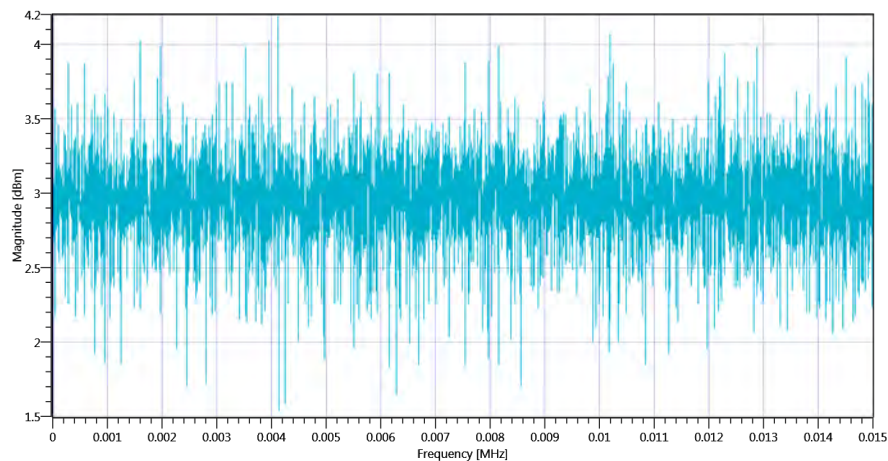
13. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

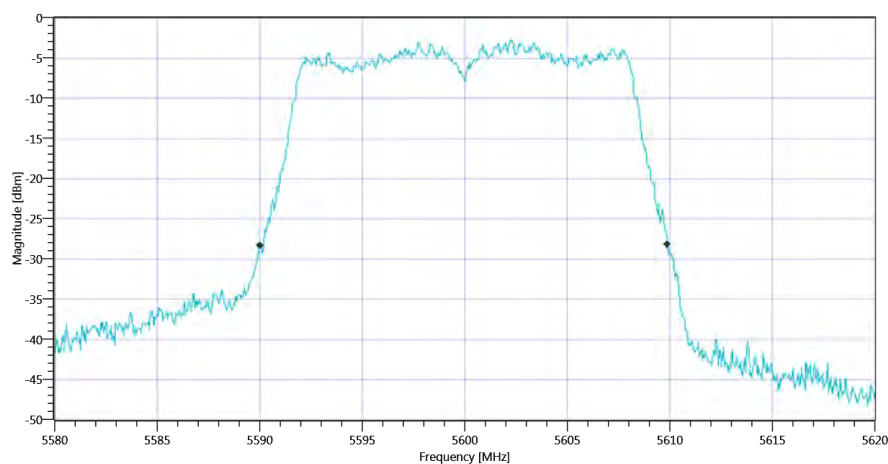
Test at TX 5600 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5600 MHz - Duty Cycle_18102019_122322.png

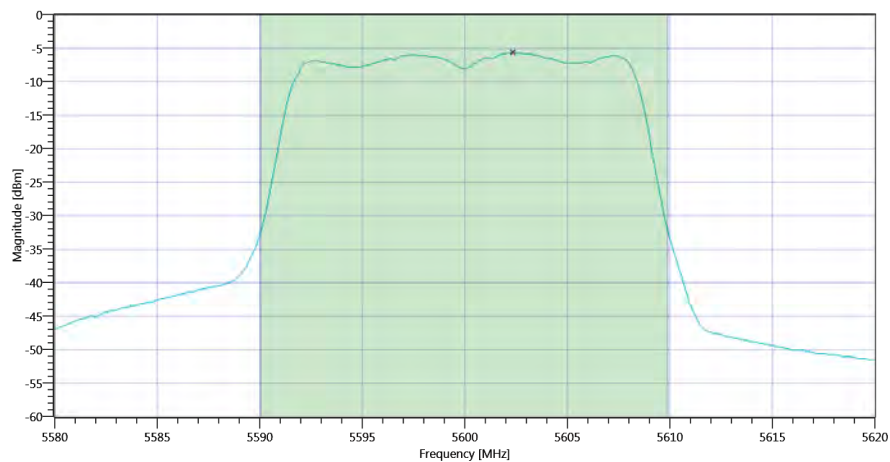
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.88	MHz	Information
T1 26dB	---	---	5590.0000	MHz	Information
T2 26dB	---	---	5609.8800	MHz	Information



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



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

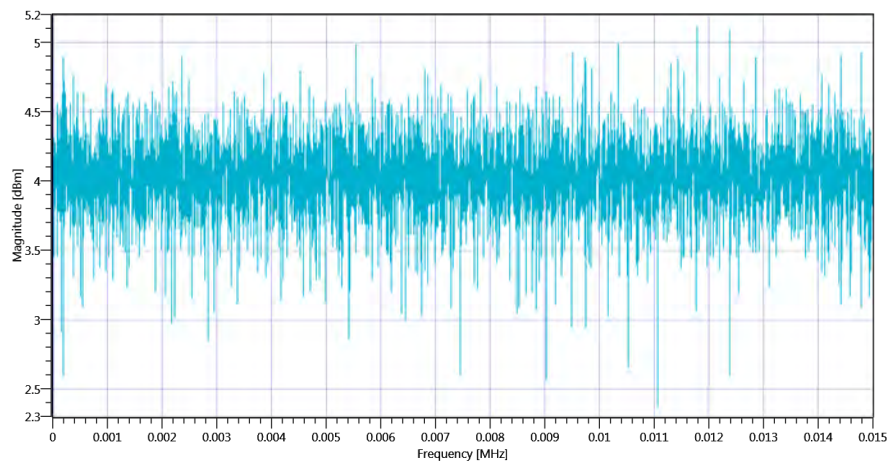
14. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

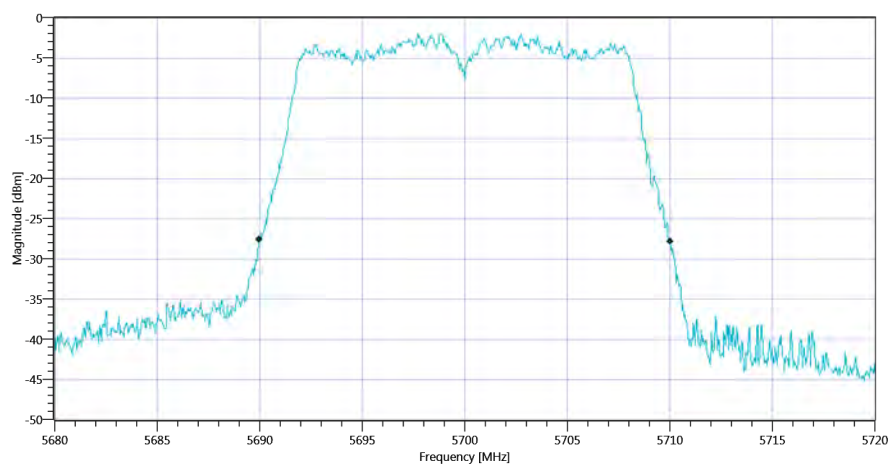
Test at TX 5700 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C 5700 MHz - Duty Cycle_18102019_122556.png

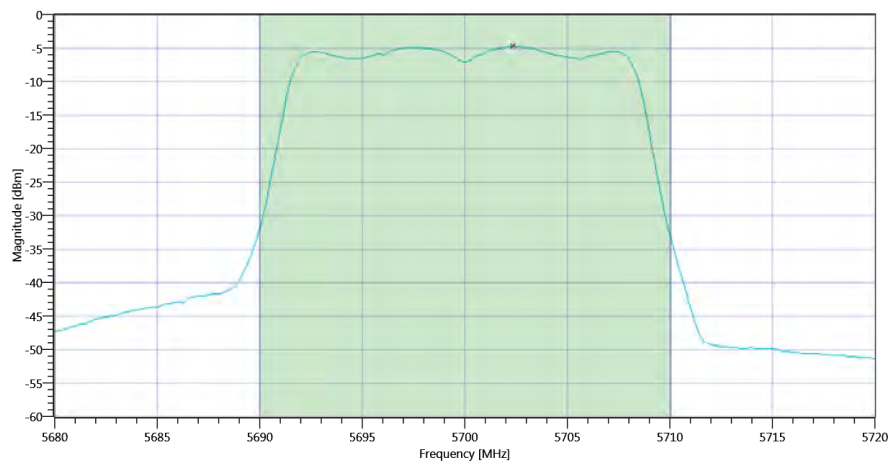
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	Information
T1 26dB	---	---	5689.9600	MHz	Information
T2 26dB	---	---	5710.0000	MHz	Information



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



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

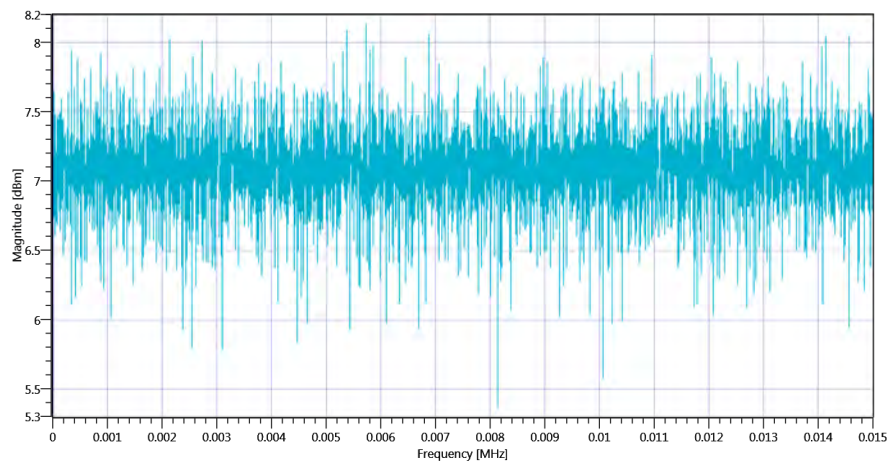
15. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

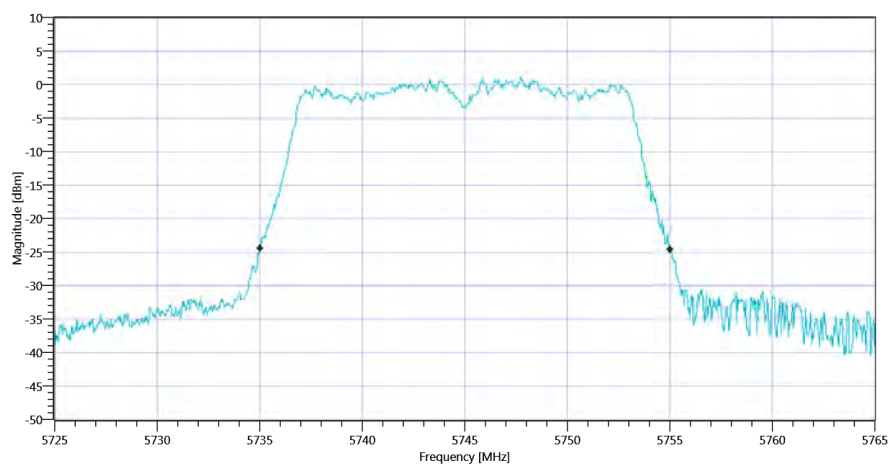
Test at TX 5745 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5745 MHz - Duty Cycle_18102019_122822.png

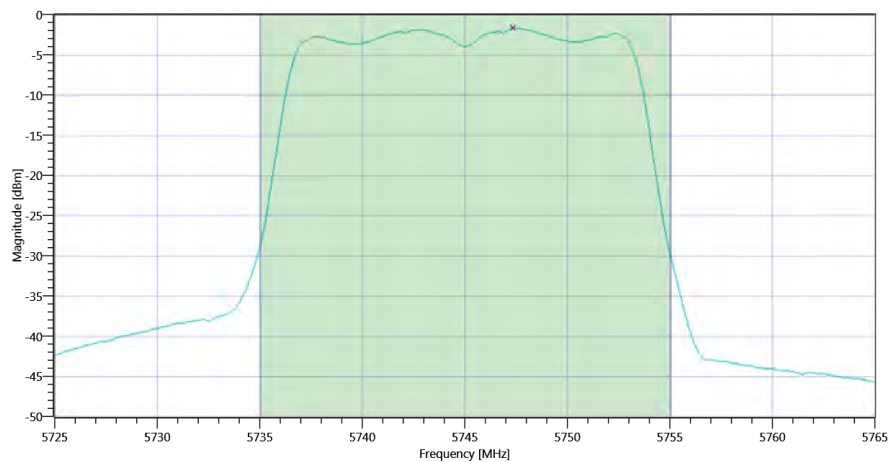
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	Information
T1 26dB	---	---	5735.0000	MHz	Information
T2 26dB	---	---	5755.0400	MHz	Information



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]			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		

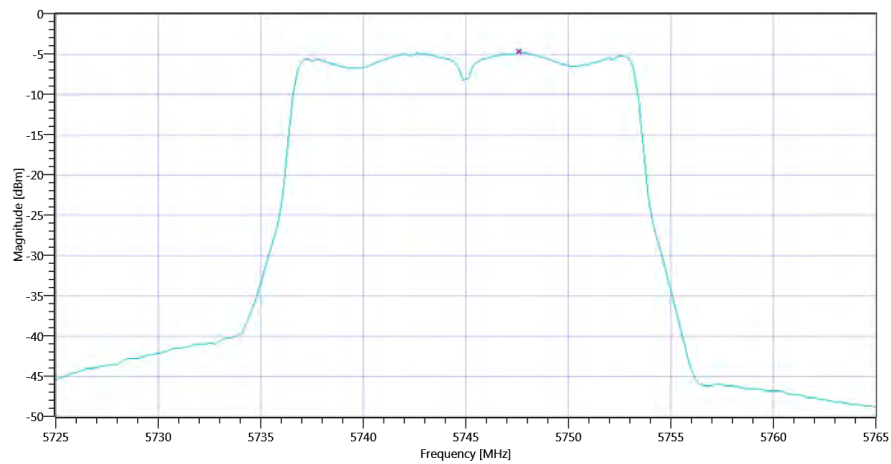
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	9.26	dBm	Information
Duty Cycle Correction	---	---	0	dB	Information
Limit absolute					
Max Output Power DC corrected	---	30	9.26	dBm	PASS
Limit by: 11 dBm + 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]	17.84 14.24 20
Start [MHz] Stop [MHz]	5725.000 5765.000
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	---	---	-4.76	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

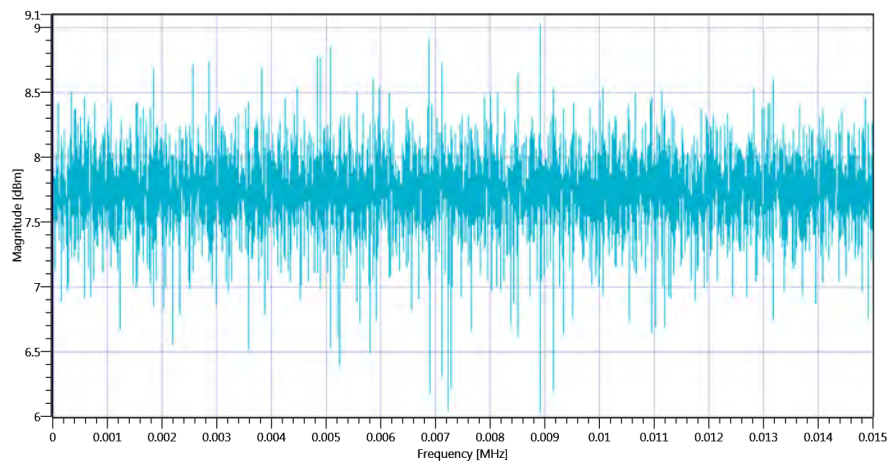
16. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

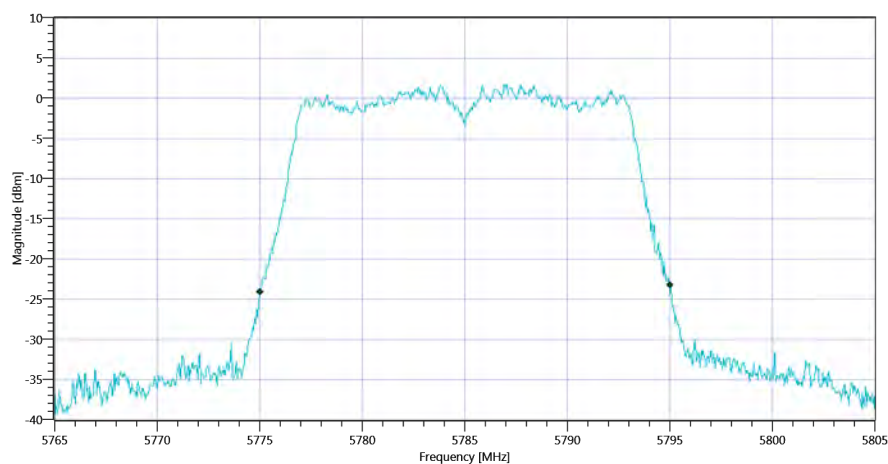
Test at TX 5785 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5785 MHz - Duty Cycle_18102019_123257.png

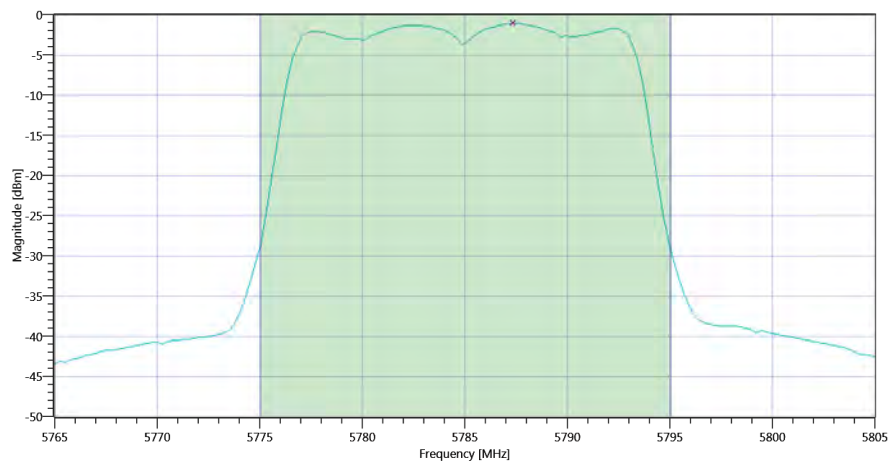
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	Information
T1 26dB	---	---	5775.0000	MHz	Information
T2 26dB	---	---	5795.0400	MHz	Information



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				

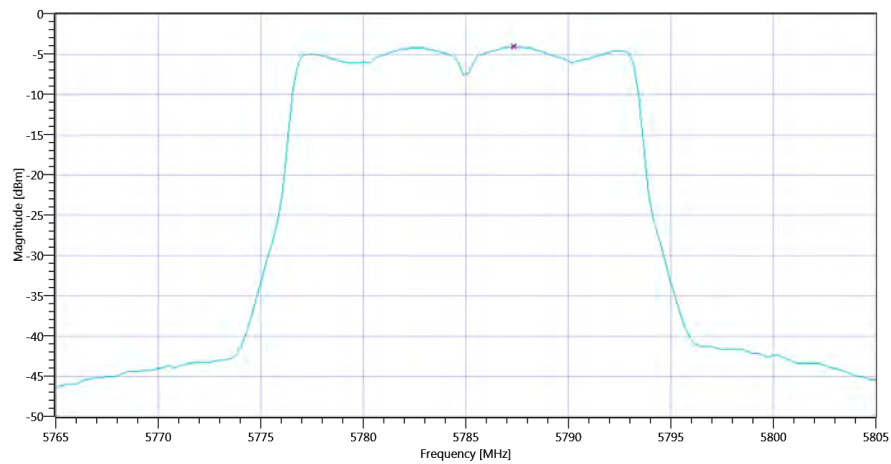
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	9.91	dBm	Information
Duty Cycle Correction	---	---	0	dB	Information
Limit absolute					
Max Output Power DC corrected	---	30	9.91	dBm	PASS
Limit by: 11 dBm + 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]	18.90 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	-1.11	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

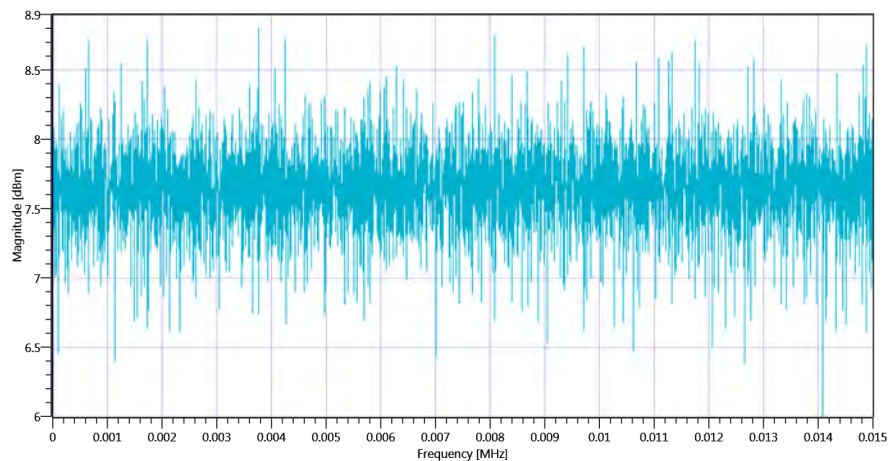
17. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

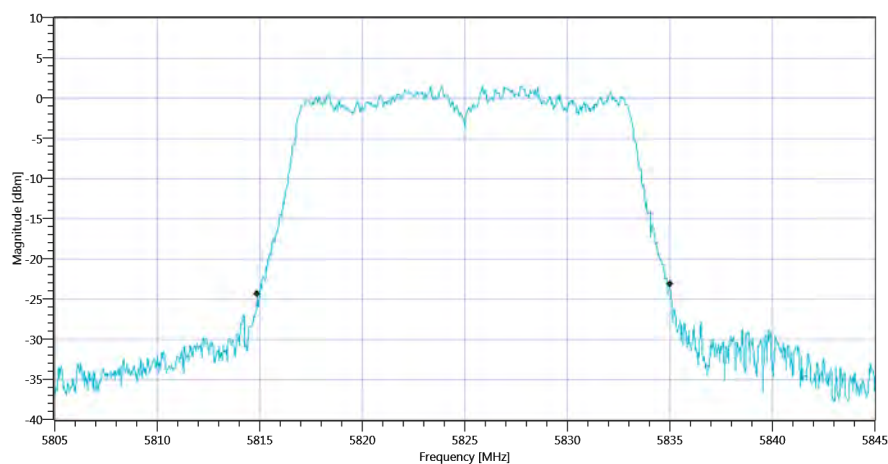
Test at TX 5825 MHz

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_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5825 MHz - Duty Cycle_18102019_123640.png

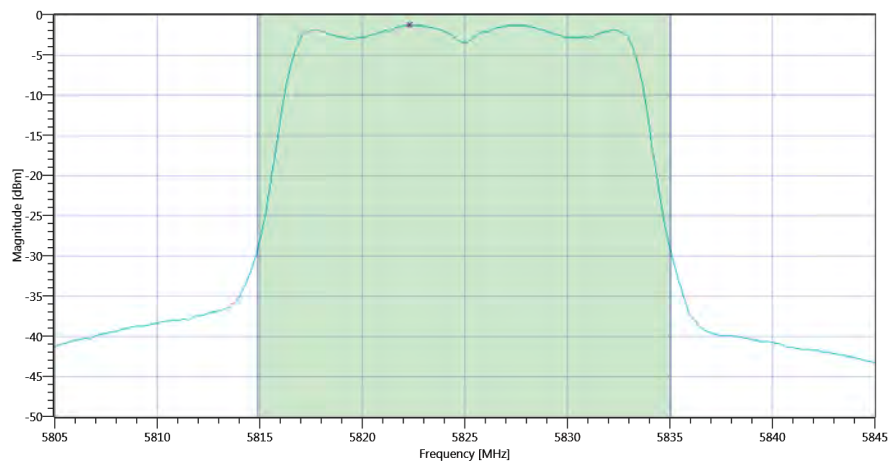
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.12	MHz	Information
T1 26dB	---	---	5814.8800	MHz	Information
T2 26dB	---	---	5835.0000	MHz	Information



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				

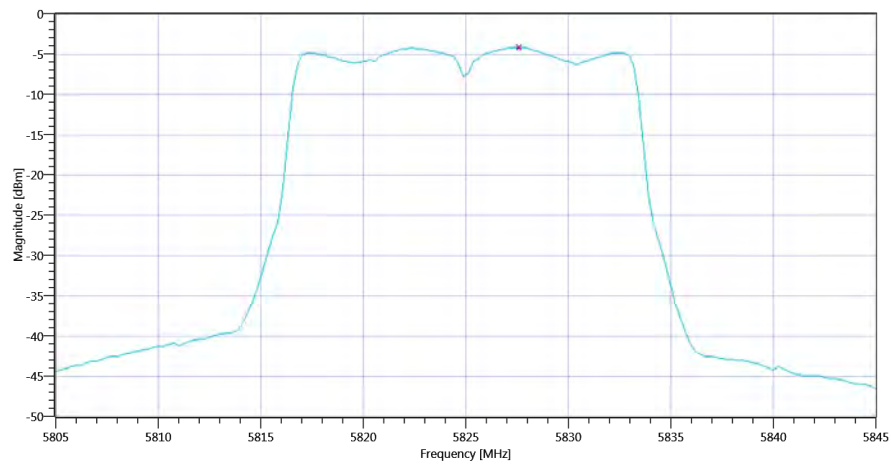
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	9.82	dBm	Information
Duty Cycle Correction	---	---	0	dB	Information
Limit absolute					
Max Output Power DC corrected	---	30	9.82	dBm	PASS
Limit by: 11 dBm + 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

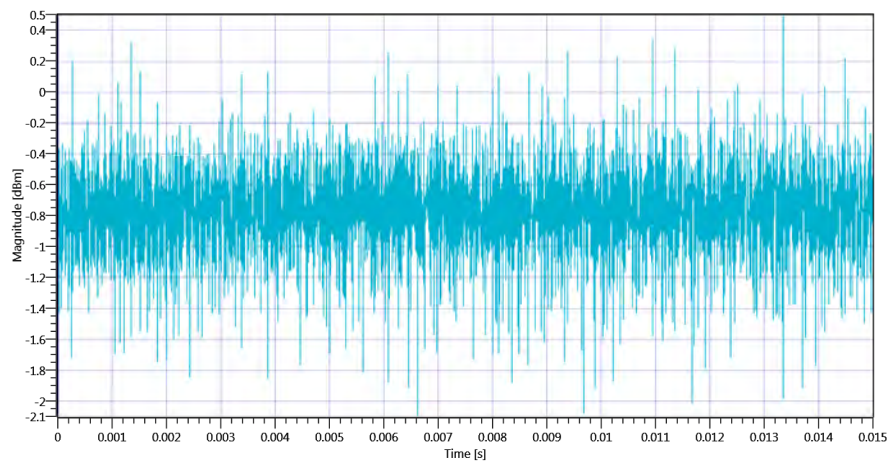
18. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

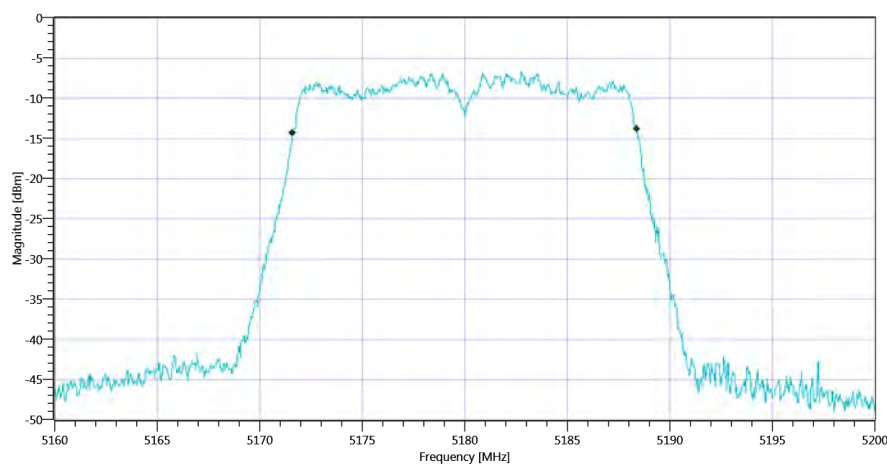
Test at TX 5180 MHz

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-1 5180 MHz - Duty Cycle_04122019_074538.png

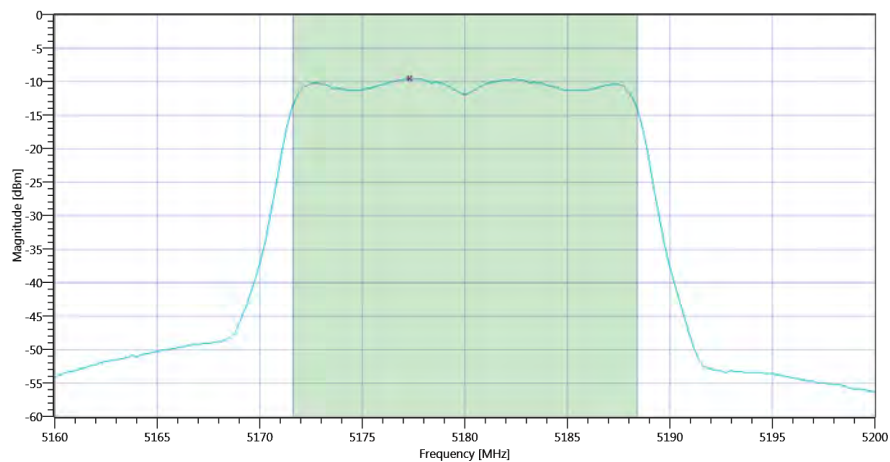
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5171.6084	MHz	Information
T2 99%	---	---	5188.3916	MHz	Information



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]	9.74 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	---	---	1.37	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



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

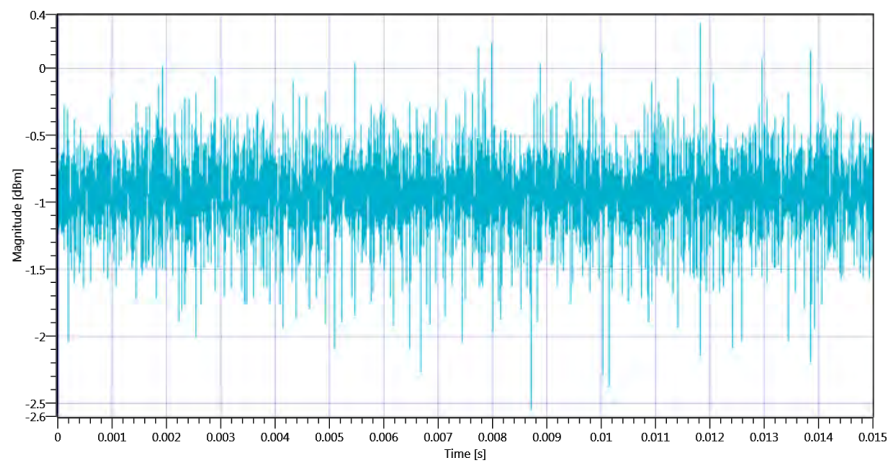
19. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

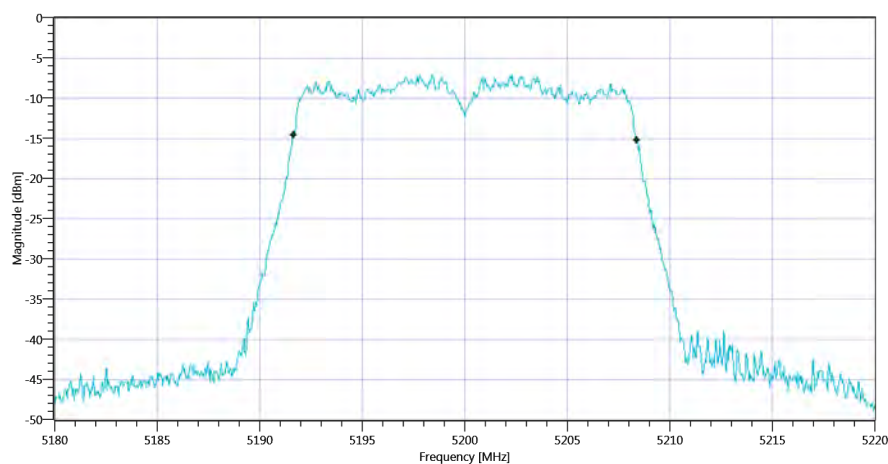
Test at TX 5200 MHz

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-1 5200 MHz - Duty Cycle_04122019_075120.png

RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
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

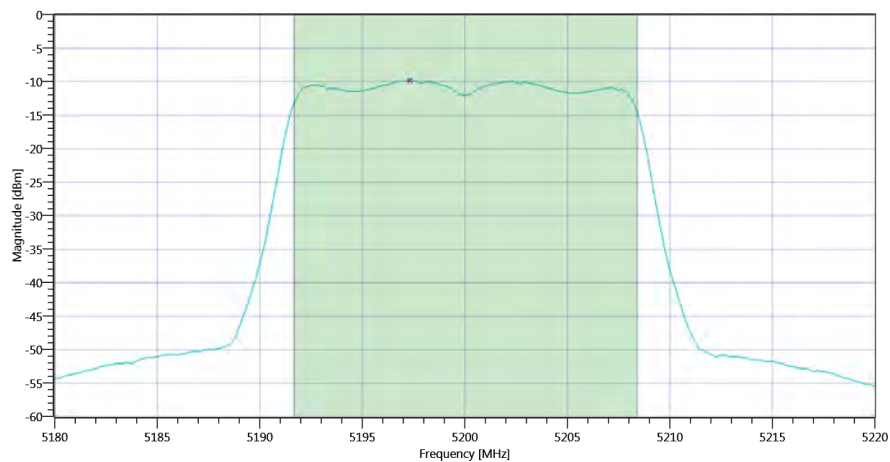


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_04122019_075127.png

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



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

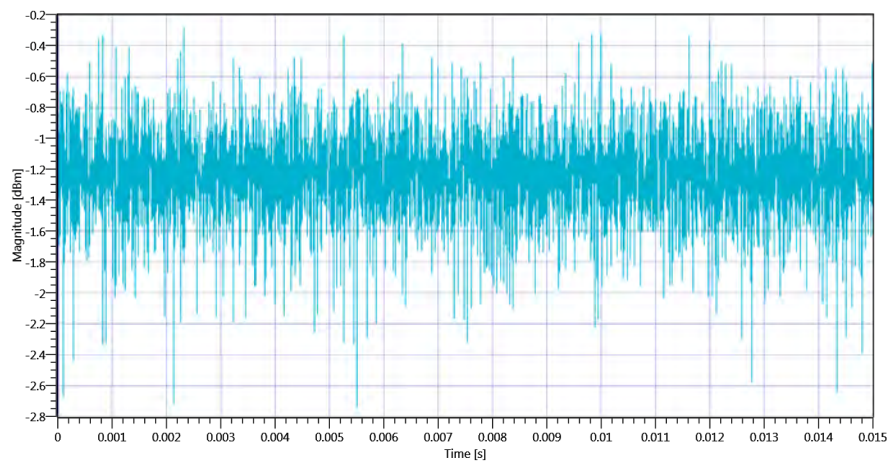
20. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

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

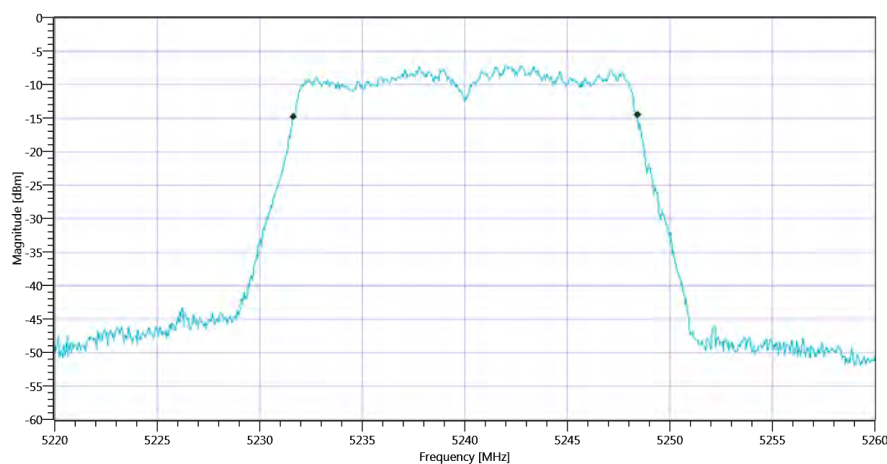
Test at TX 5240 MHz

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-1 5240 MHz - Duty Cycle_04122019_075524.png

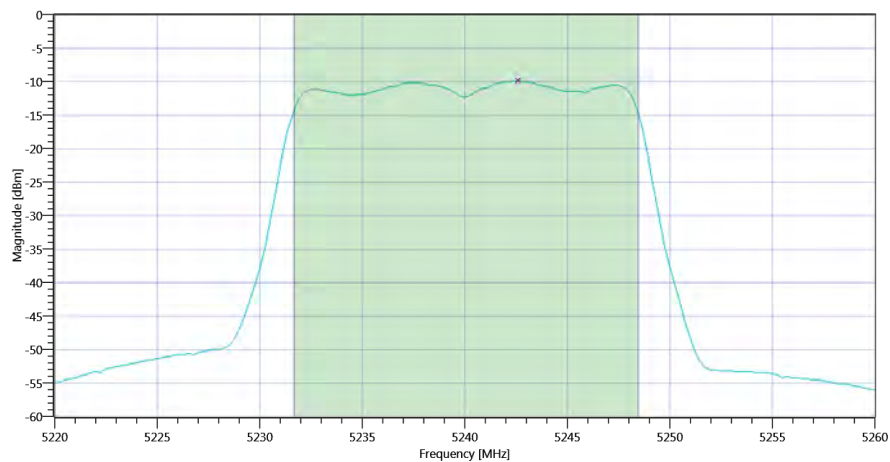
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5231.6484	MHz	Information
T2 99%	---	---	5248.4316	MHz	Information



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



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

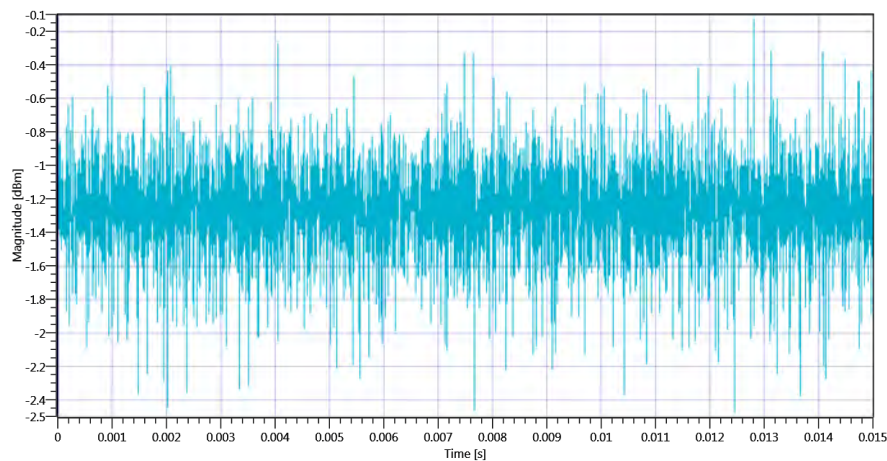
21. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

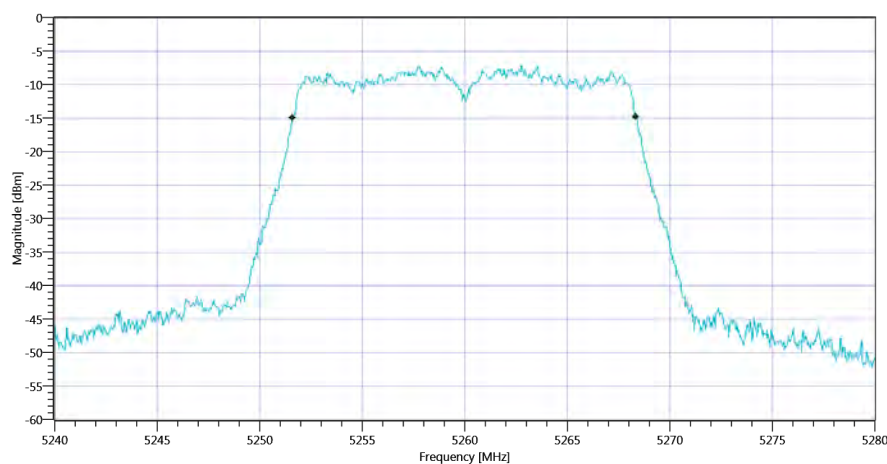
Test at TX 5260 MHz

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-2A 5260 MHz - Duty Cycle_04122019_081439.png

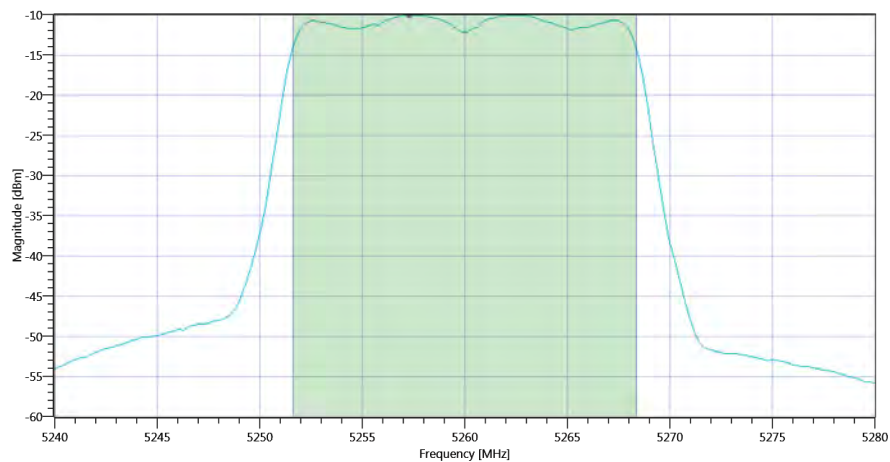
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.743	MHz	Information
T1 99%	---	---	5251.6084	MHz	Information
T2 99%	---	---	5268.3516	MHz	Information



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



Plot_ISED 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

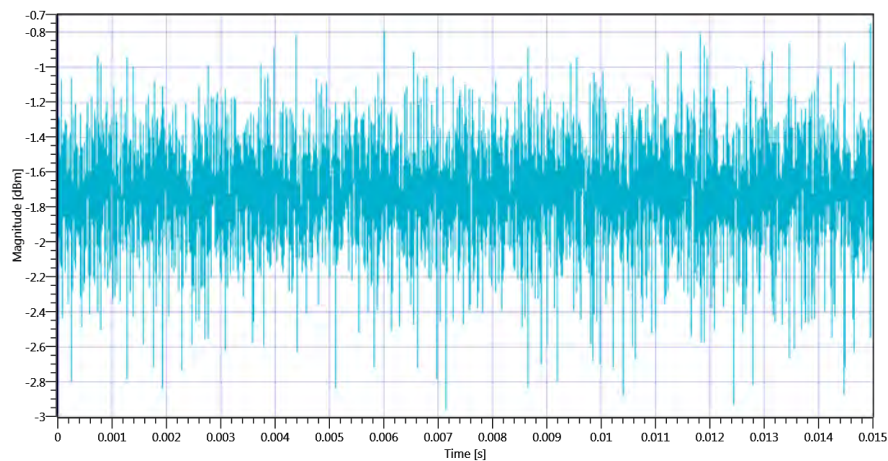
22. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

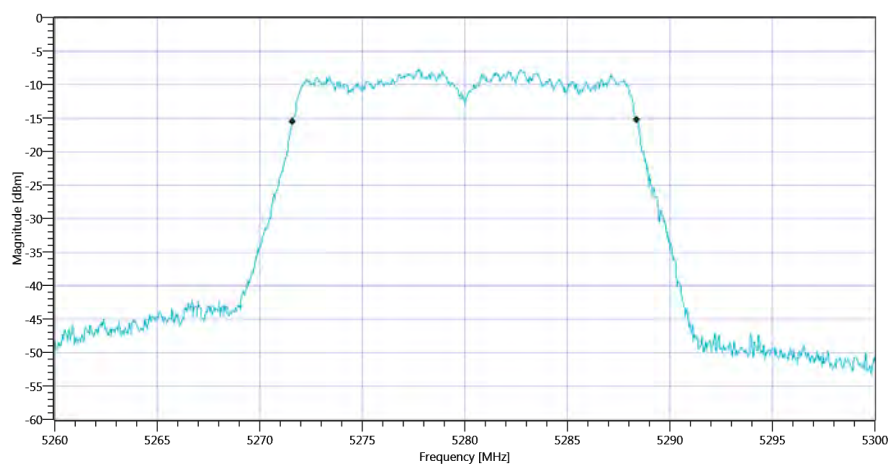
Test at TX 5280 MHz

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-2A 5280 MHz - Duty Cycle_04122019_081719.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%	---	---	5271.6084	MHz	Information
T2 99%	---	---	5288.3916	MHz	Information

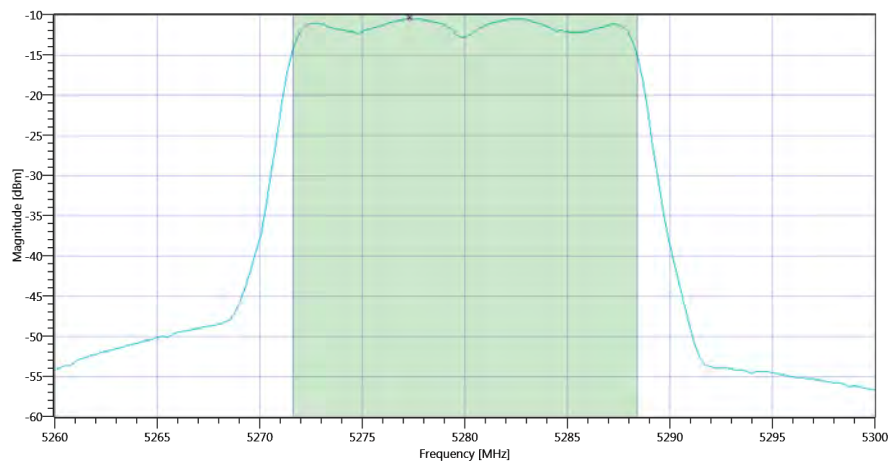


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A BW_04122019_081727.png

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



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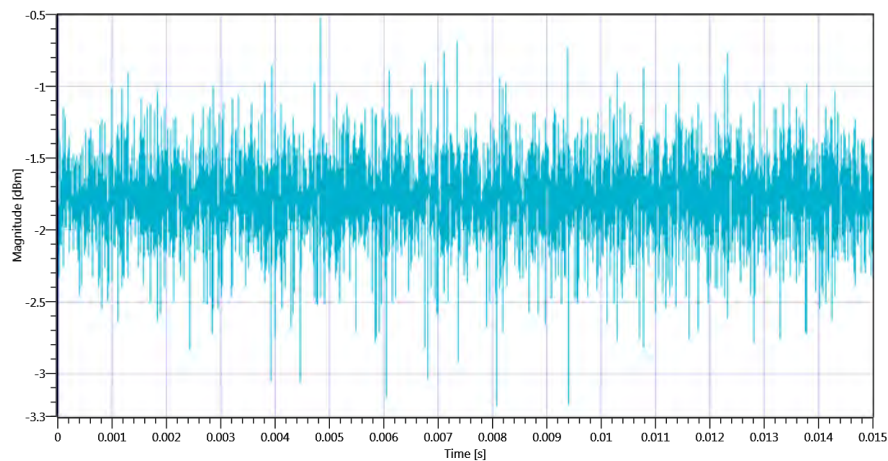
23. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2A

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

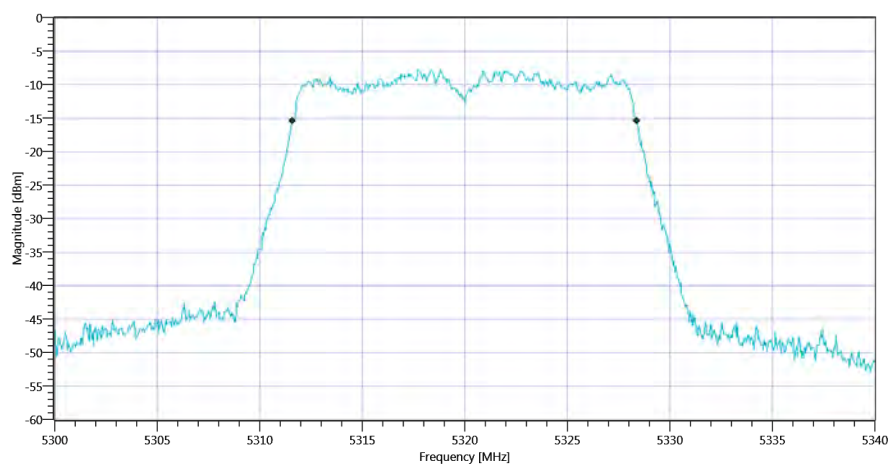
Test at TX 5320 MHz

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-2A 5320 MHz - Duty Cycle_04122019_081946.png

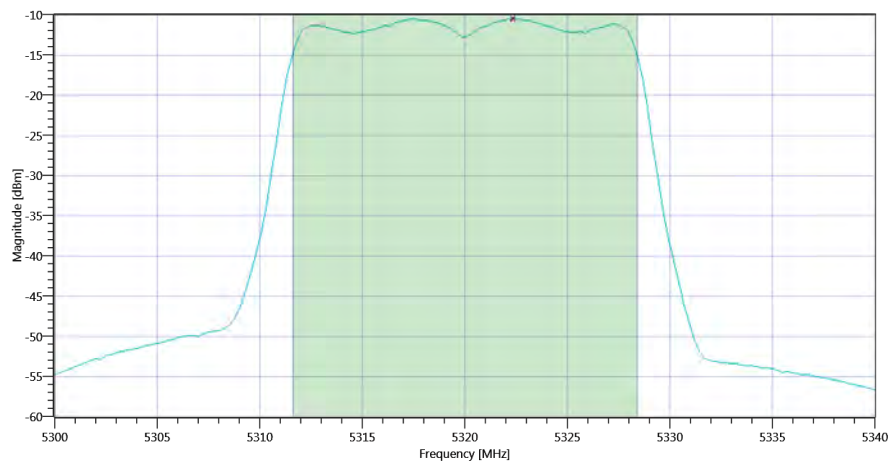
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5311.6084	MHz	Information
T2 99%	---	---	5328.3916	MHz	Information



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



Plot_ISED 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

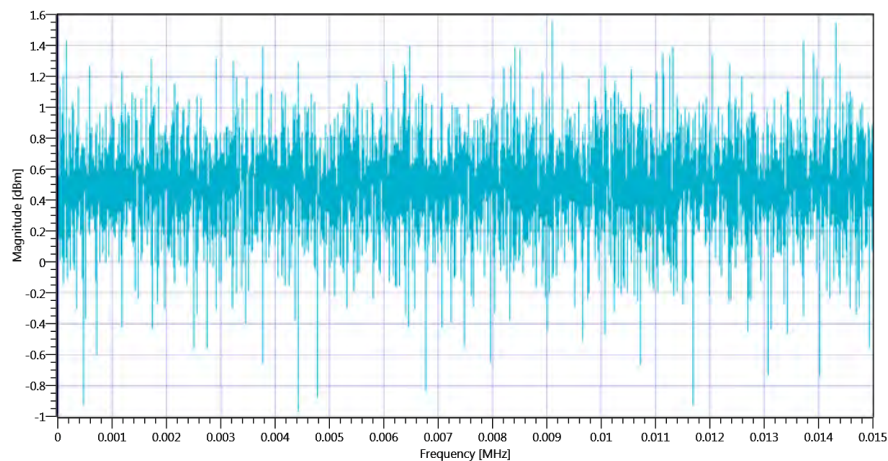
24. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

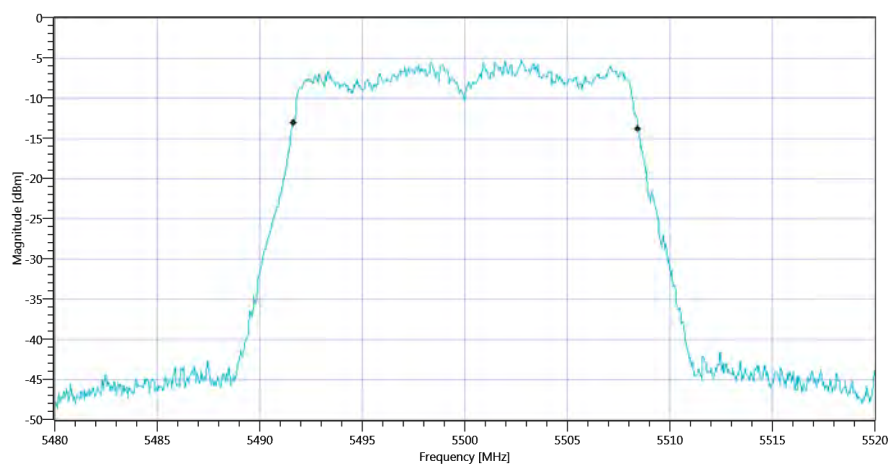
Test at TX 5500 MHz

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-2C 5500 MHz - Duty Cycle_18102019_122127.png

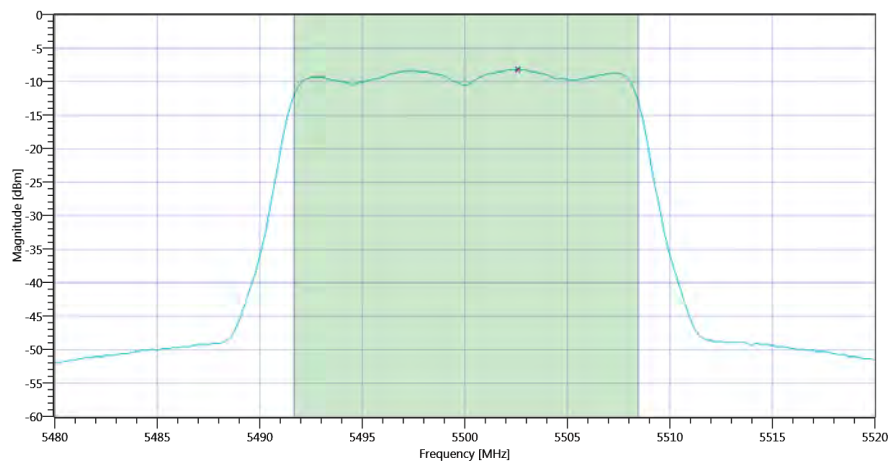
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5491.6484	MHz	Information
T2 99%	---	---	5508.4316	MHz	Information



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



Plot_ISED 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

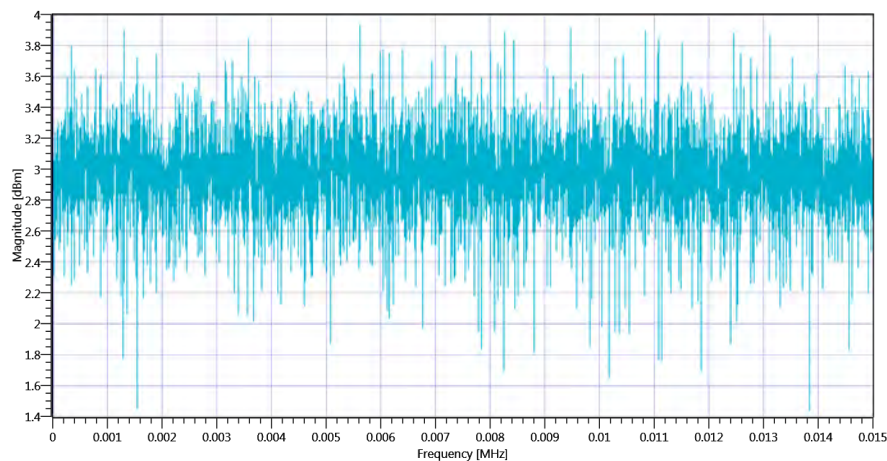
25. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

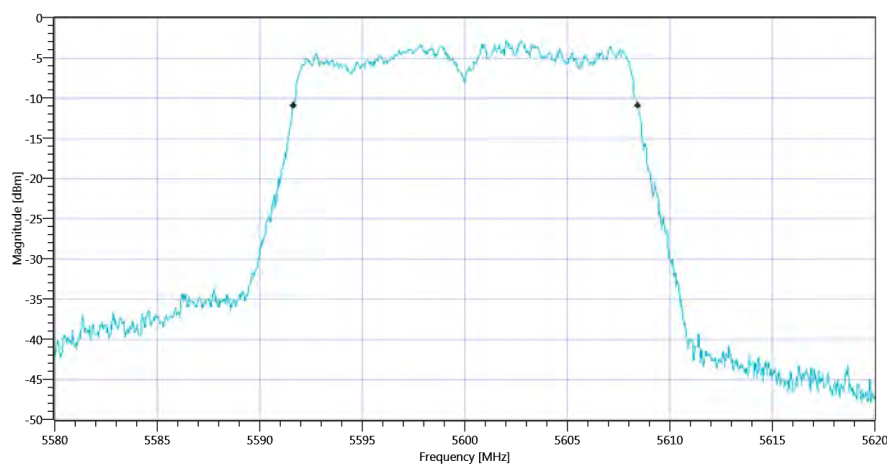
Test at TX 5600 MHz

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-2C 5600 MHz - Duty Cycle_18102019_122401.png

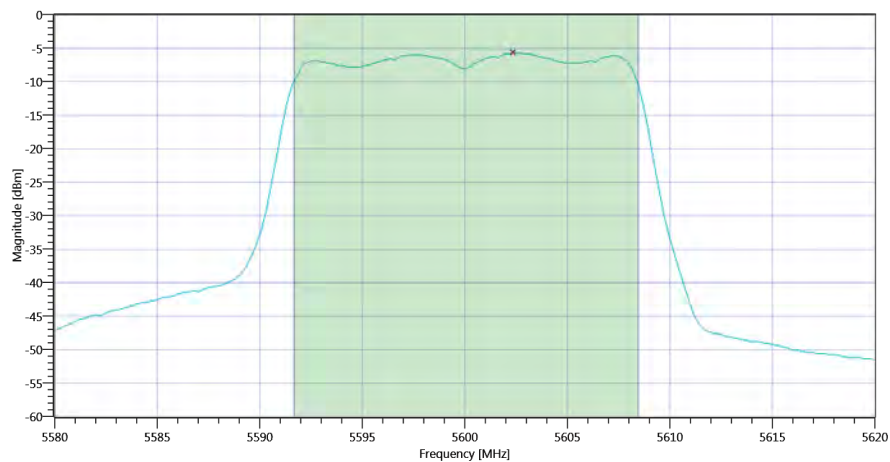
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5591.6484	MHz	Information
T2 99%	---	---	5608.4316	MHz	Information



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_122422.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

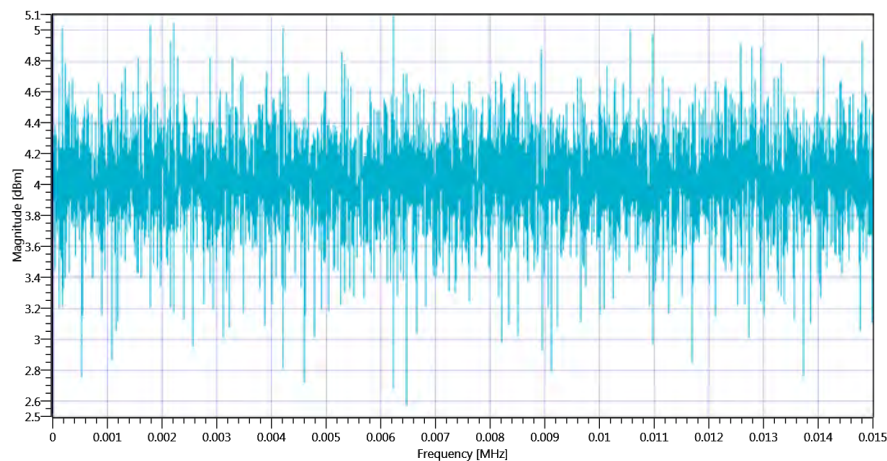
26. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-2C

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

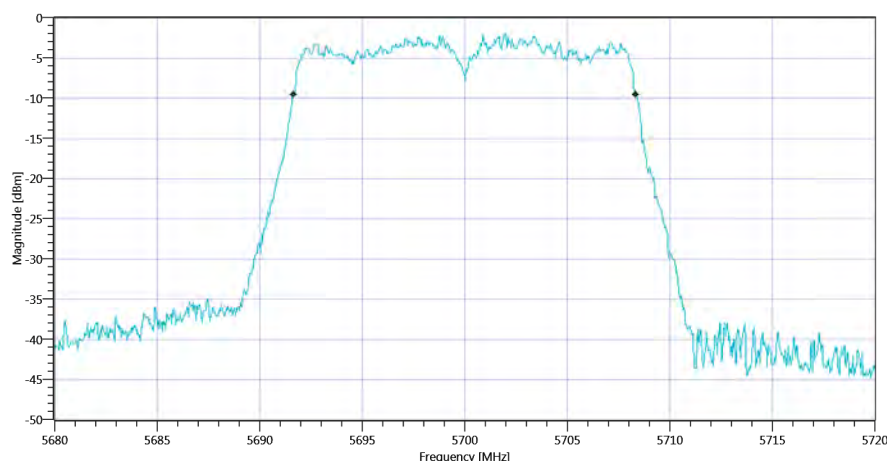
Test at TX 5700 MHz

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-2C 5700 MHz - Duty Cycle_18102019_122636.png

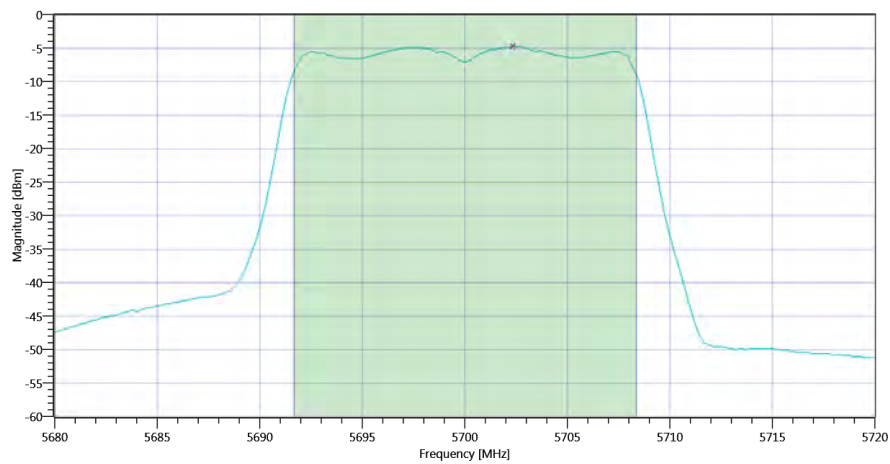
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.703	MHz	Information
T1 99%	---	---	5691.6484	MHz	Information
T2 99%	---	---	5708.3516	MHz	Information



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



Plot_ISED 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

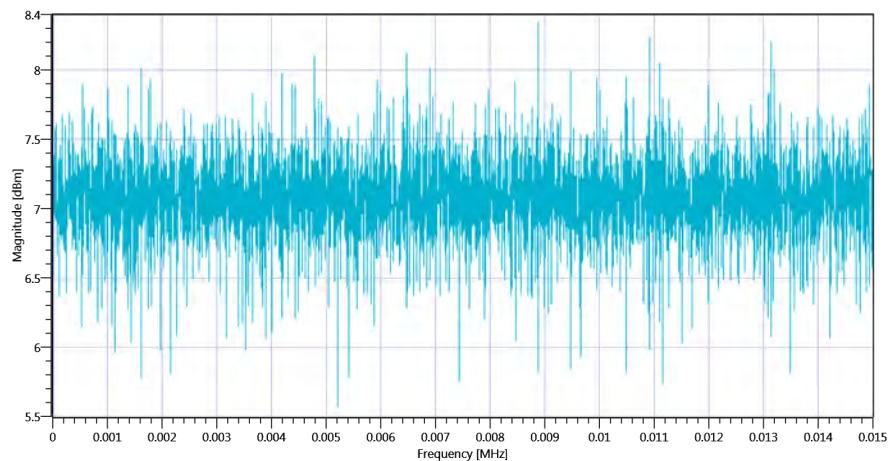
27. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

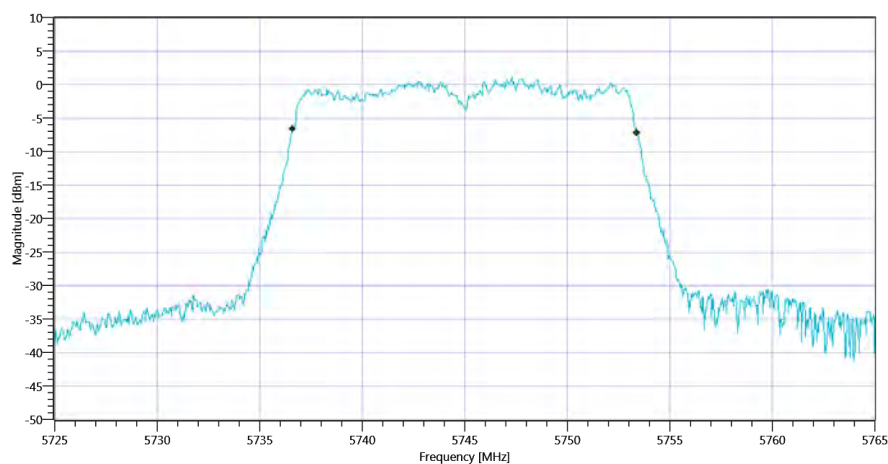
Test at TX 5745 MHz

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 5745 MHz - Duty Cycle_18102019_122915.png

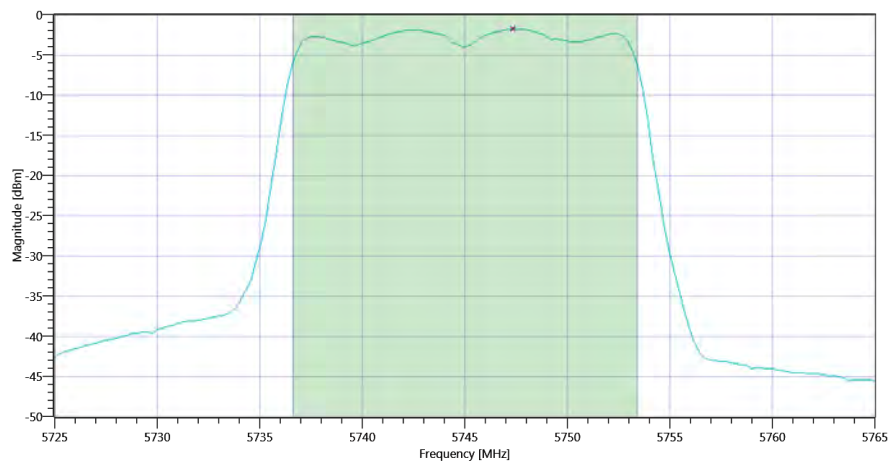
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5736.6084	MHz	Information
T2 99%	---	---	5753.3916	MHz	Information



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_18102019_122922.png

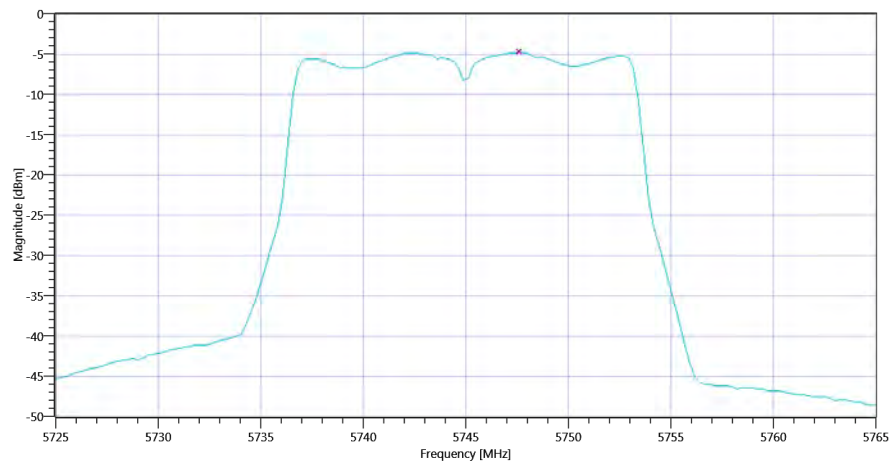
READ SA SETTINGS:					
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]			18.17 14.24 20		
Start [MHz] Stop [MHz]			5725.000 5765.000		
RBW [MHz] VBW [MHz]			1.000000 3.000000		
Detector TraceMode			RMS MAXH		
Sweep: Time [ms] Count Points per Section Type			8000 1 160 SWE		

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



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]	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	---	---	-4.77	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

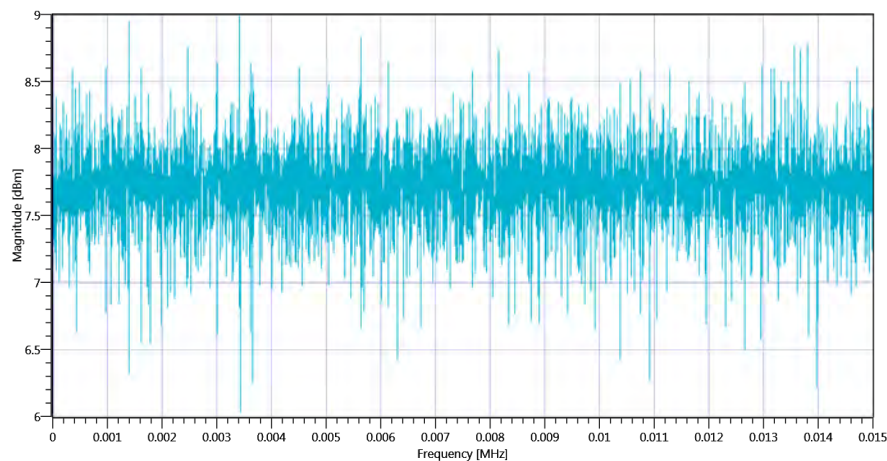
28. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

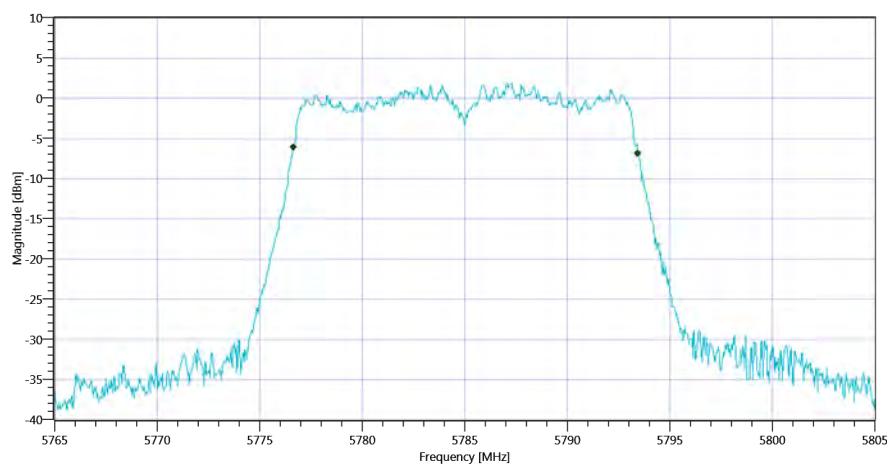
Test at TX 5785 MHz

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 5785 MHz - Duty Cycle_18102019_123349.png

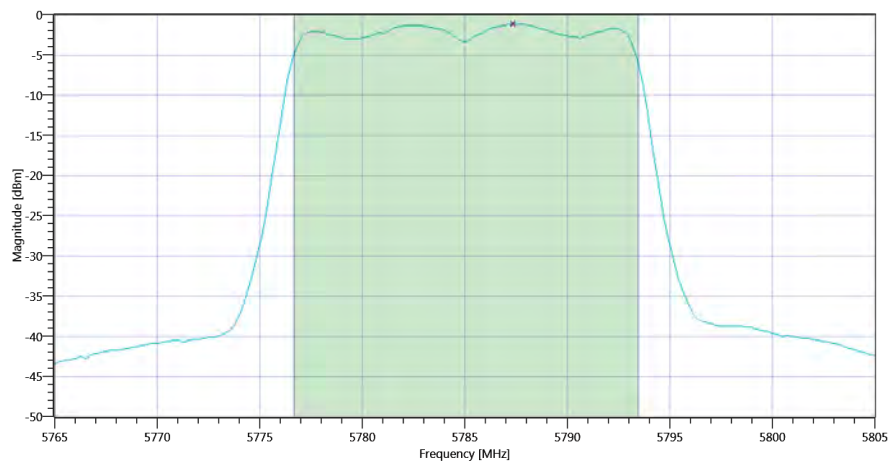
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5776.6484	MHz	Information
T2 99%	---	---	5793.4316	MHz	Information



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				

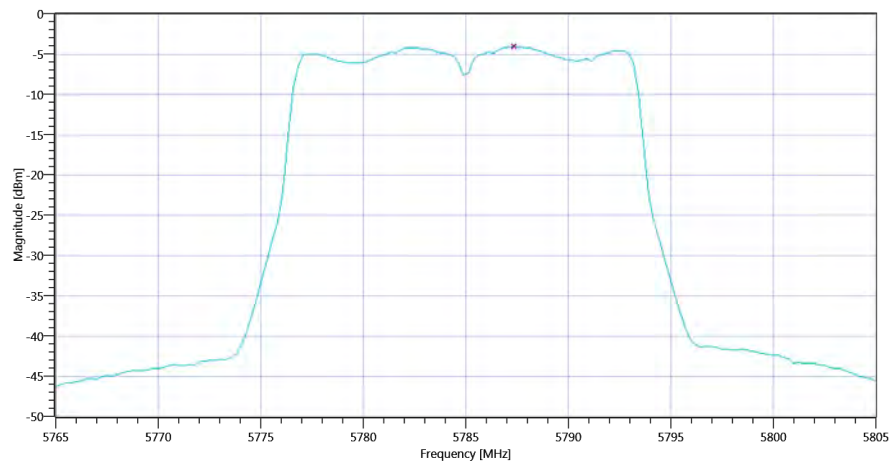
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	9.81	dBm	Information
Duty Cycle Correction	---	---	0	dB	Information
Limit absolute					
Max Output Power DC corrected	---	30	9.81	dBm	PASS
Limit by: 11 dBm + 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

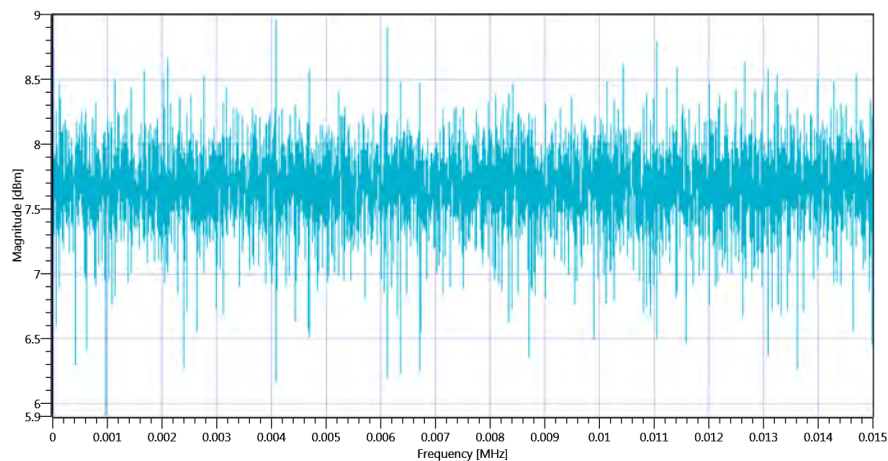
29. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

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

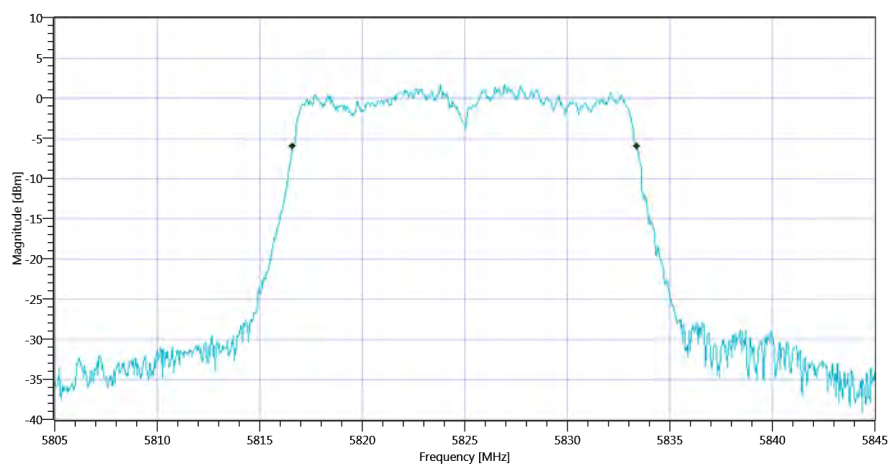
Test at TX 5825 MHz

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

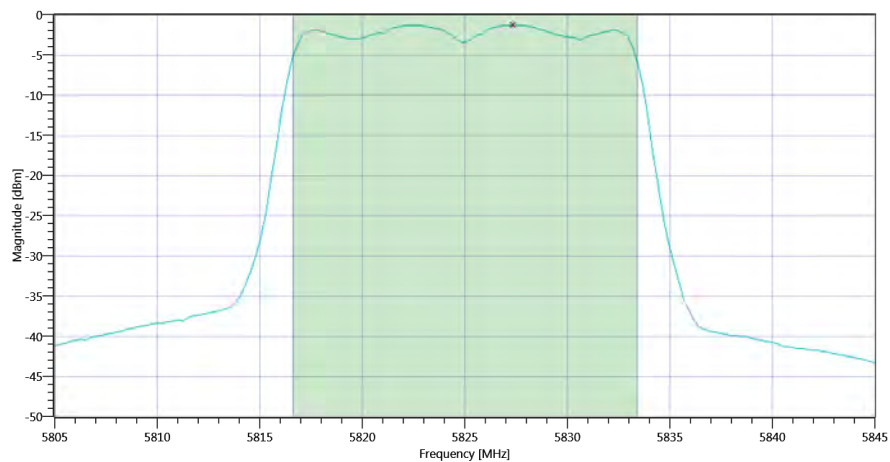
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	Information
T1 99%	---	---	5816.6084	MHz	Information
T2 99%	---	---	5833.3916	MHz	Information



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				

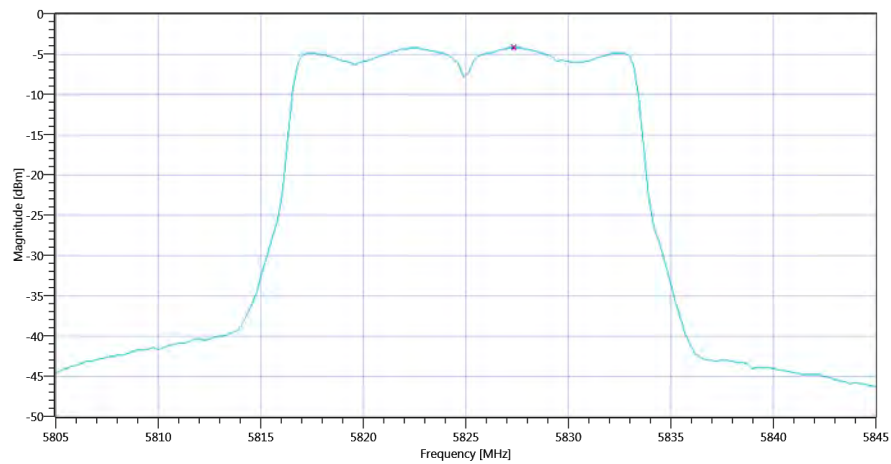
RESULT: TC_VM_FCC15407_Max_Output_Power_and_PSD_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	9.76	dBm	Information
Duty Cycle Correction	---	---	0	dB	Information
Limit absolute					
Max Output Power DC corrected	---	30	9.76	dBm	PASS
Limit by: 11 dBm + 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

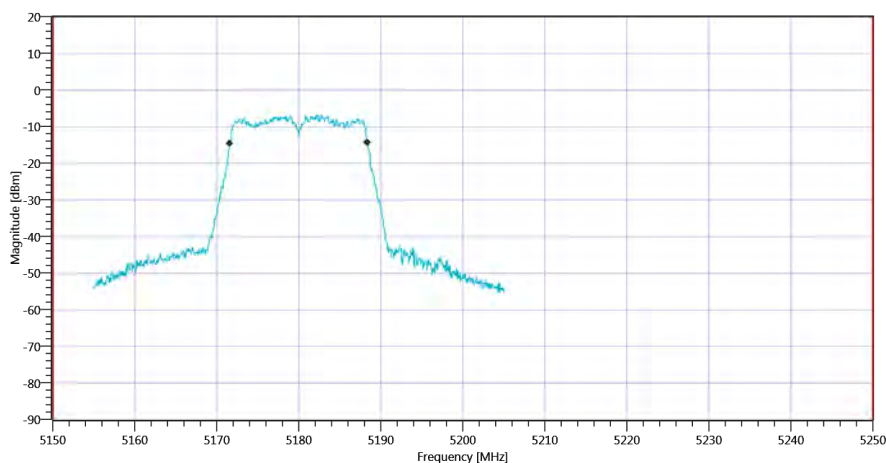
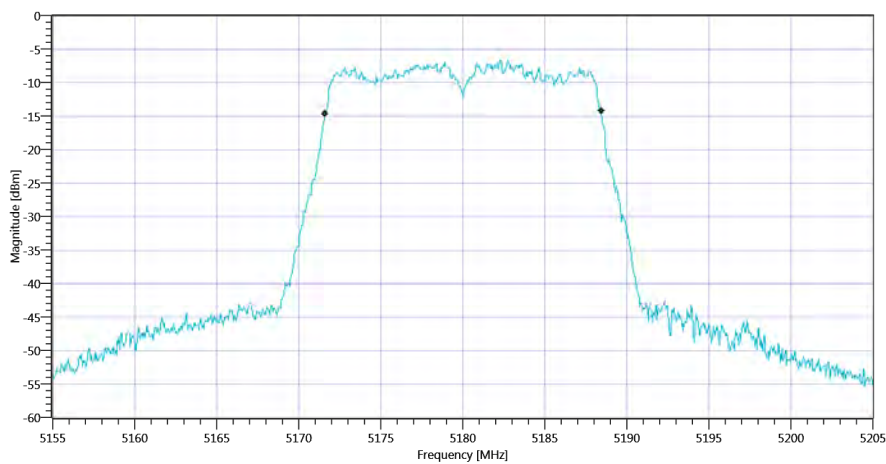
Test at TX 5180 MHz

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

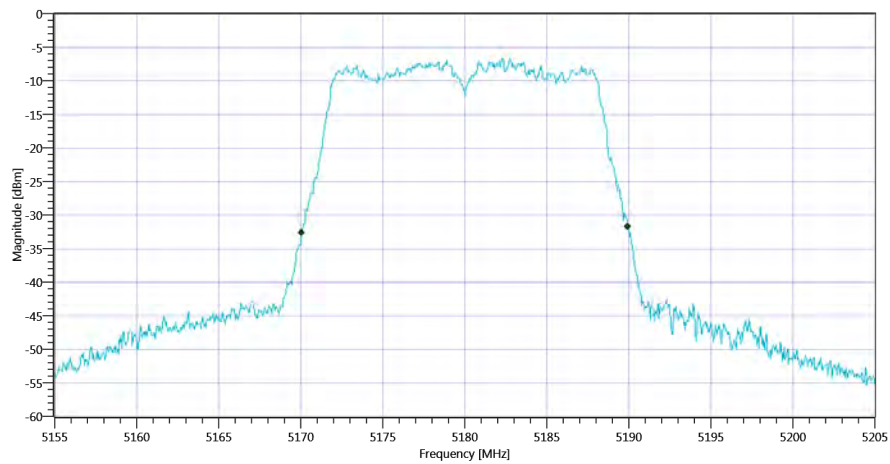
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

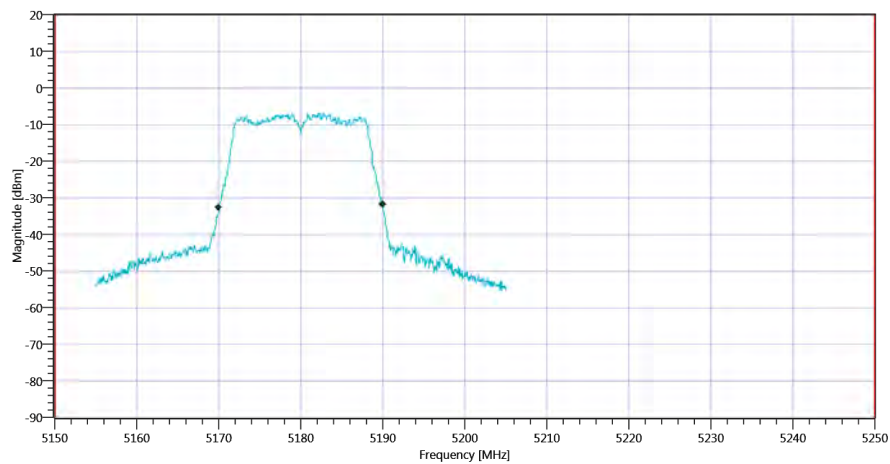


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_04122019_074638.png



Plot_FCC Part 15.407 & ISSED 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

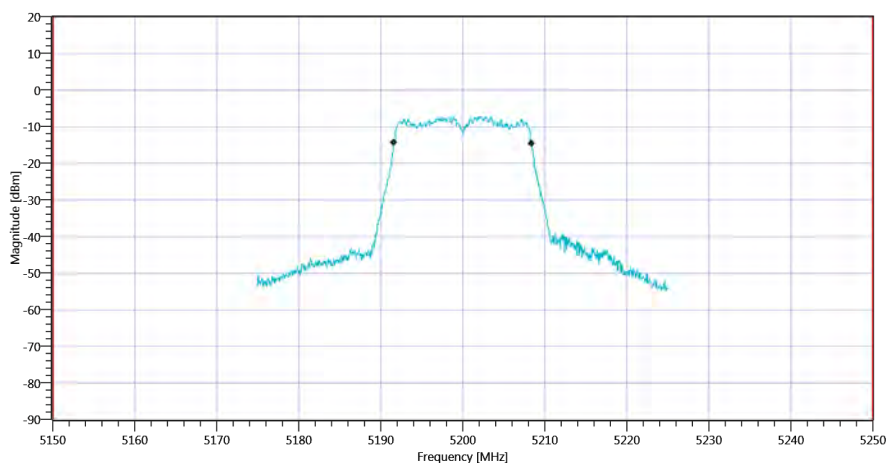
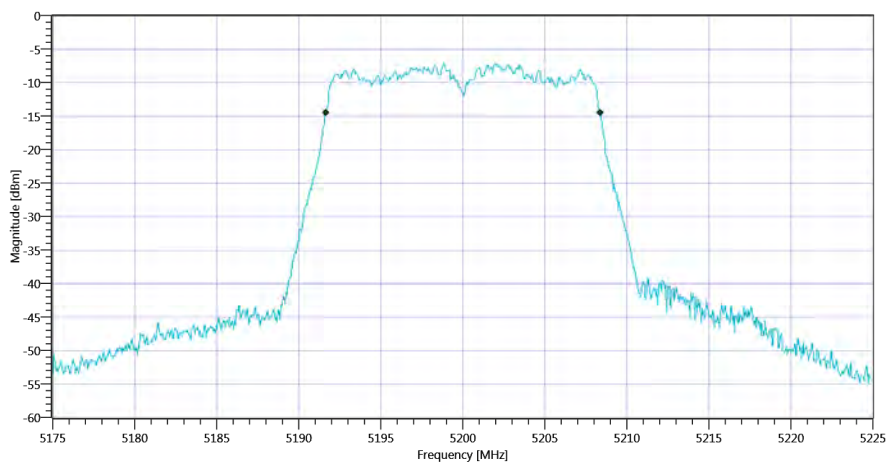
Test at TX 5200 MHz

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

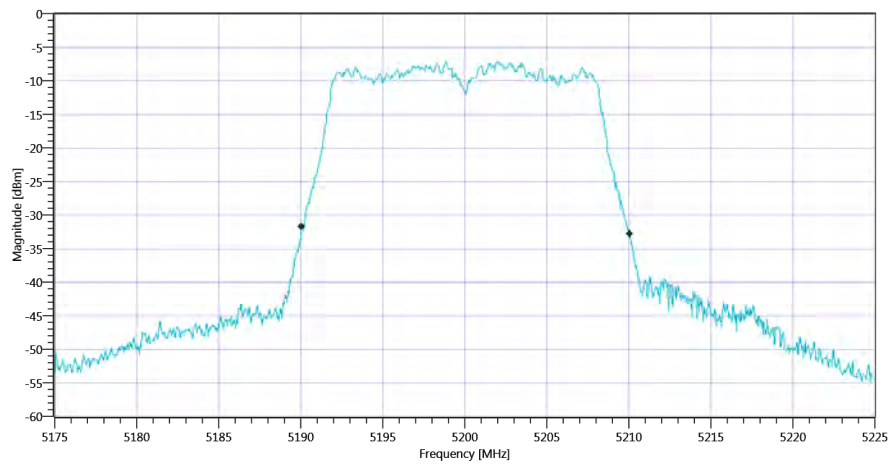
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

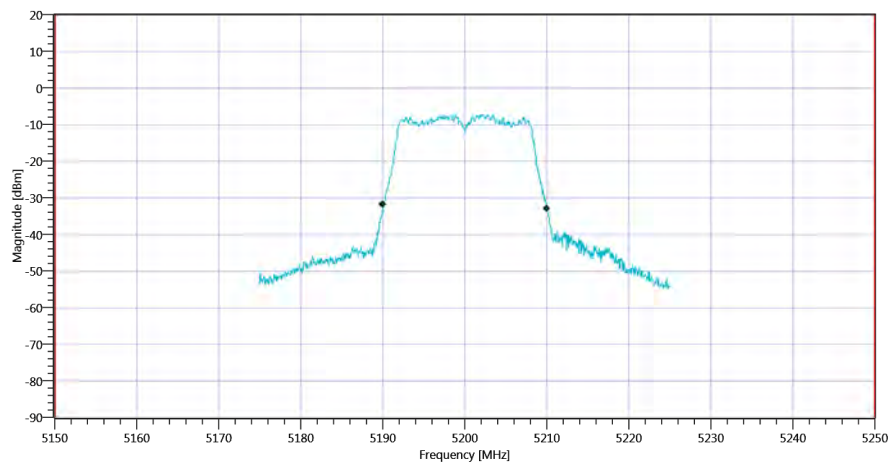


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_04122019_075216.png



Plot_FCC Part 15.407 & ISSED 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

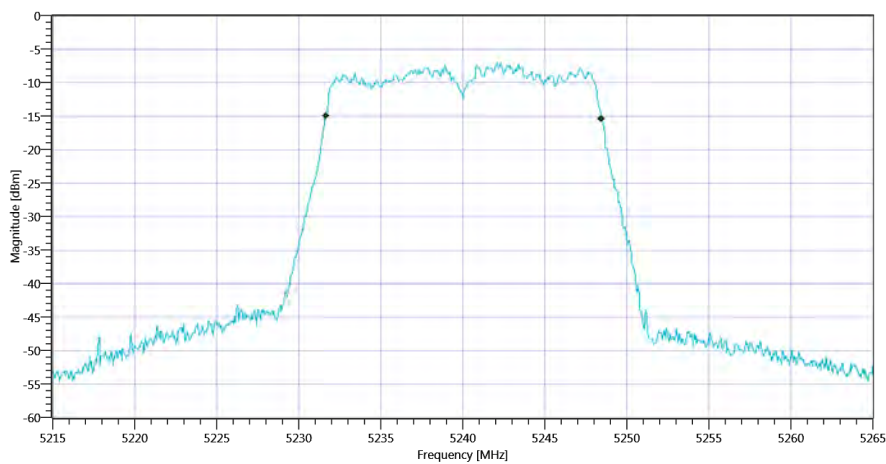
Test at TX 5240 MHz

READ SA SETTINGS:

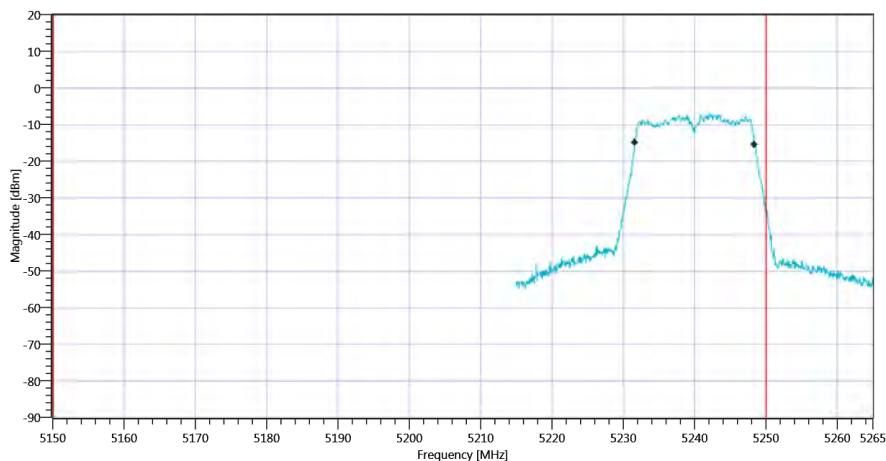
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.31 14.57 10
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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



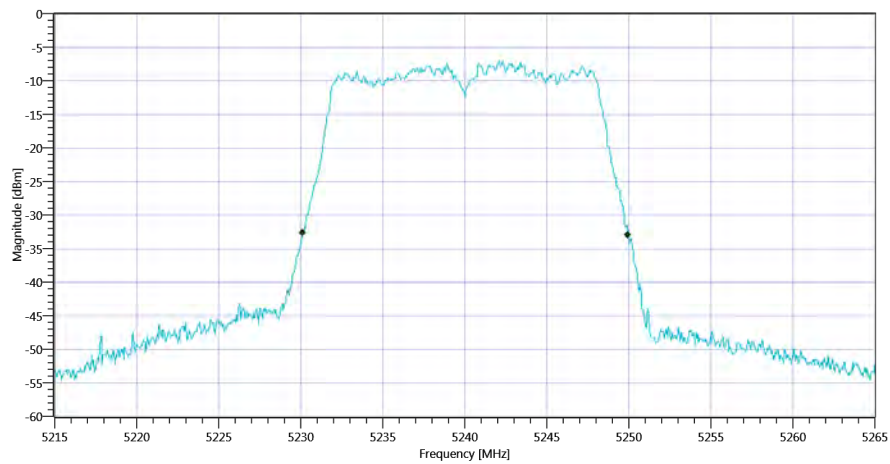
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_04122019_075608.png



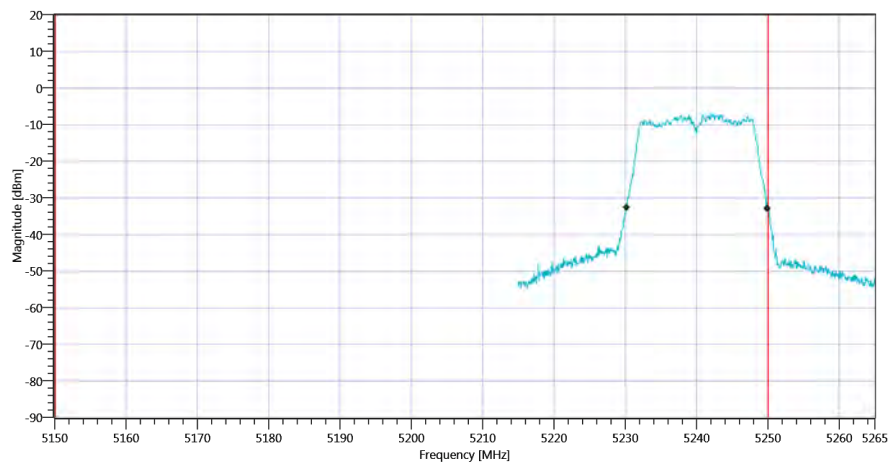
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-1_04122019_075611.png

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_04122019_075615.png



Plot_FCC Part 15.407 & ISSED 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

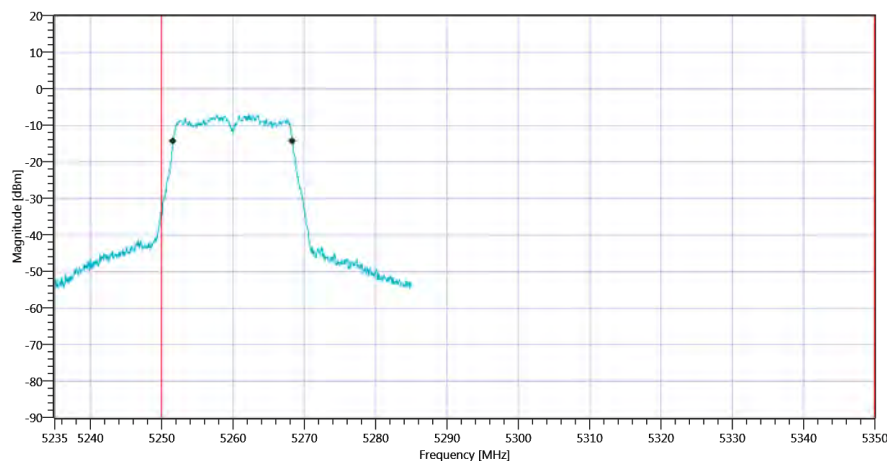
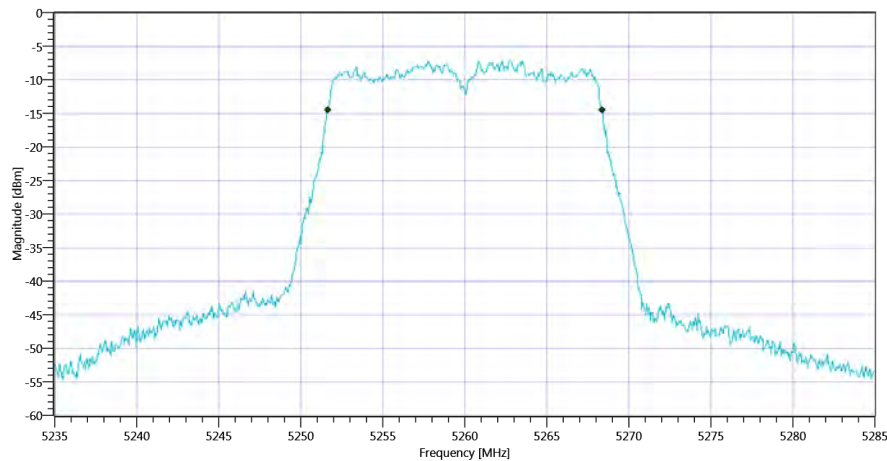
Test at TX 5260 MHz

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

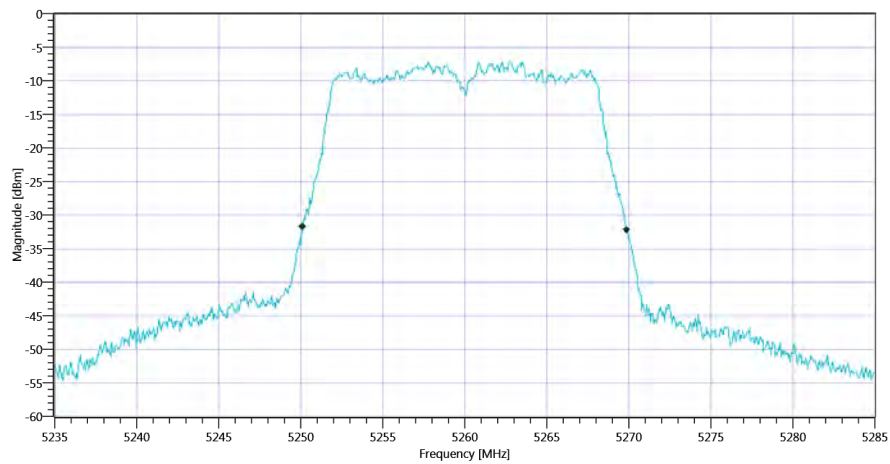
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

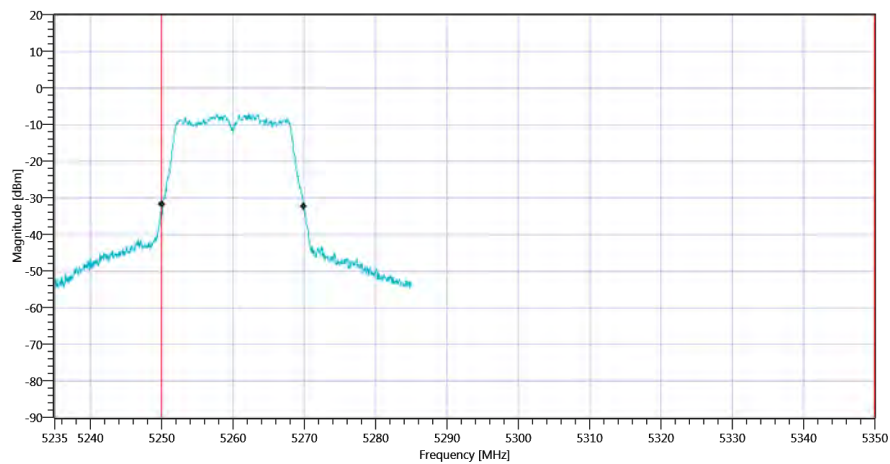


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB_04122019_081530.png



Plot_FCC Part 15.407 & ISSED 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

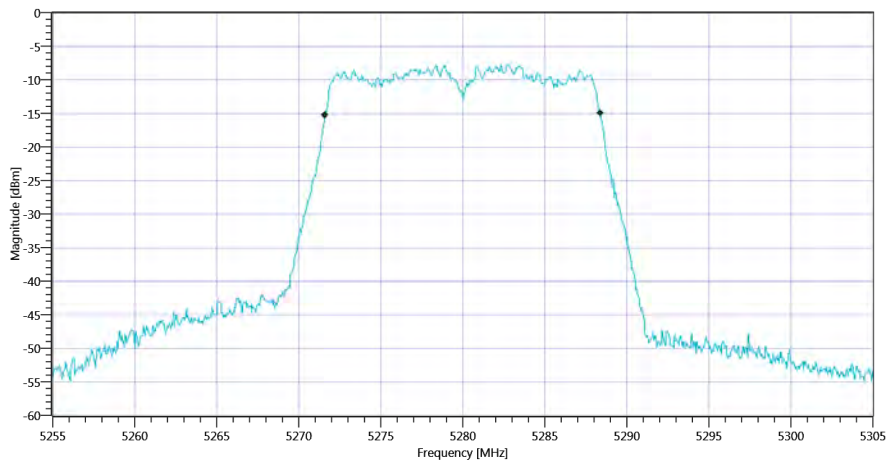
Test at TX 5280 MHz

READ SA SETTINGS:

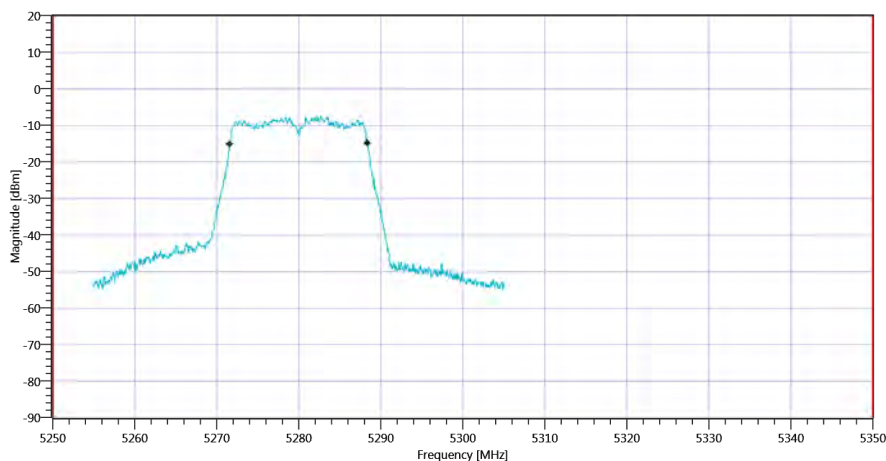
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	5.40 14.37 10
Start [MHz] Stop [MHz]	5255.000 5305.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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



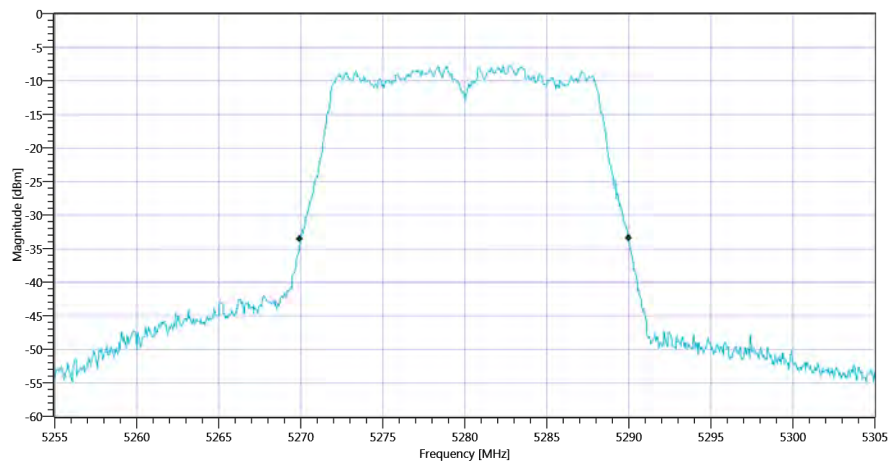
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-2A 99PCT_04122019_081803.png



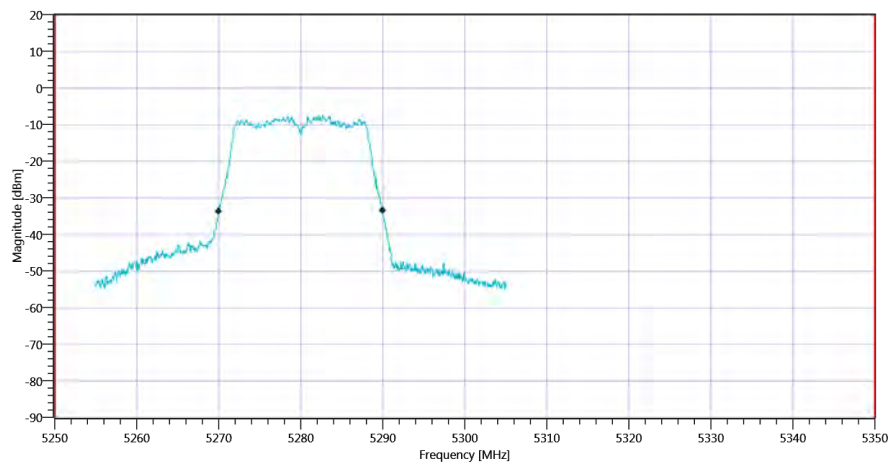
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-2A_04122019_081806.png

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB_04122019_081810.png



Plot_FCC Part 15.407 & ISSED 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

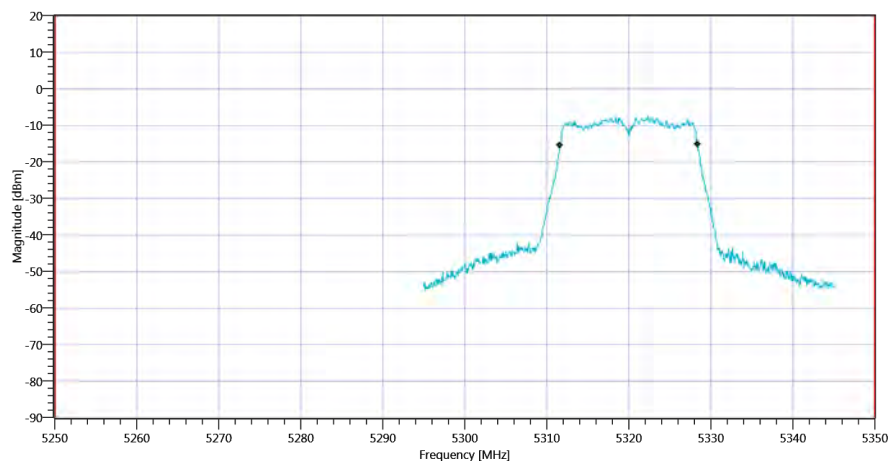
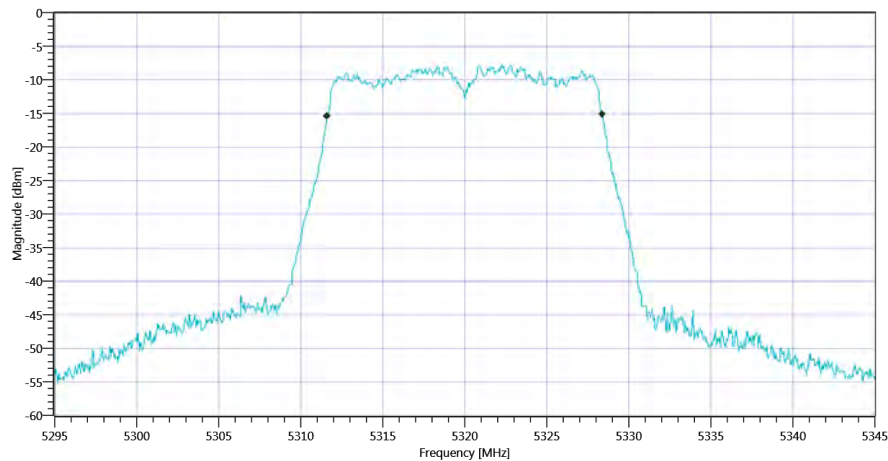
Test at TX 5320 MHz

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

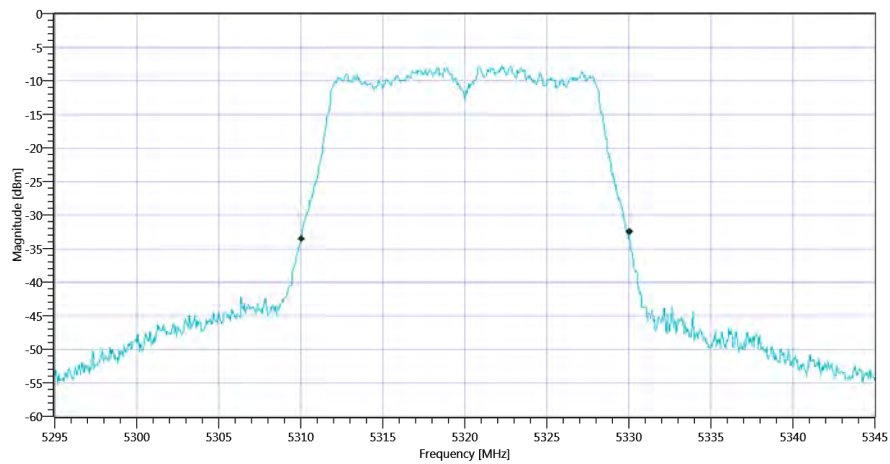
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

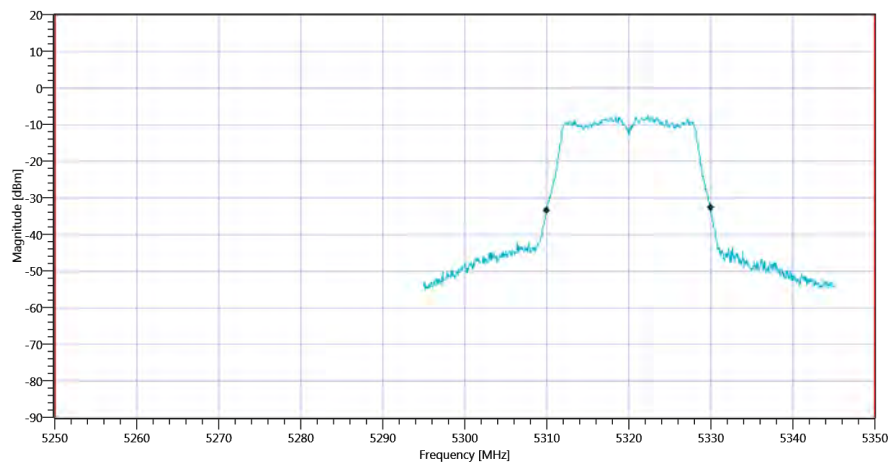


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2A 26dB_04122019_082038.png



Plot_FCC Part 15.407 & ISSED 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

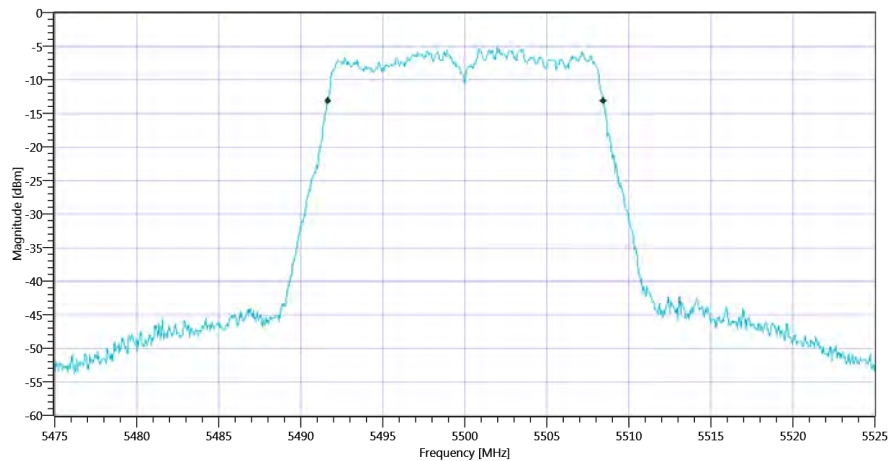
Test at TX 5500 MHz

READ SA SETTINGS:

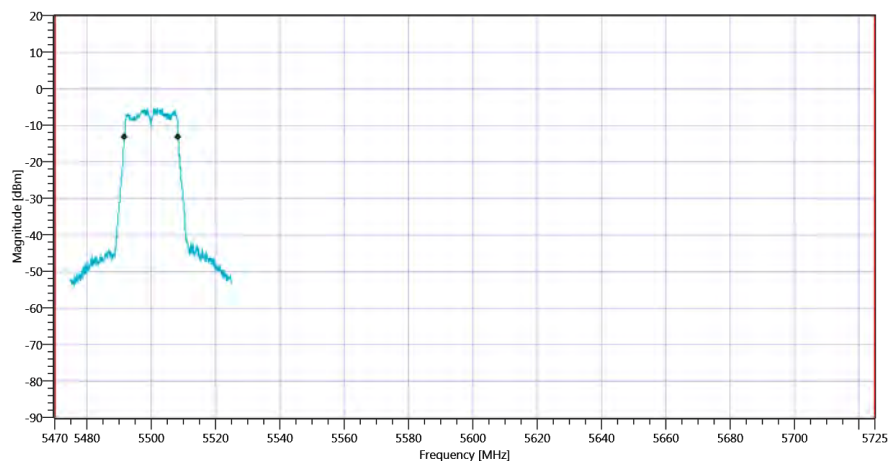
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.62 14.07 10
Start [MHz] Stop [MHz]	5475.000 5525.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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	



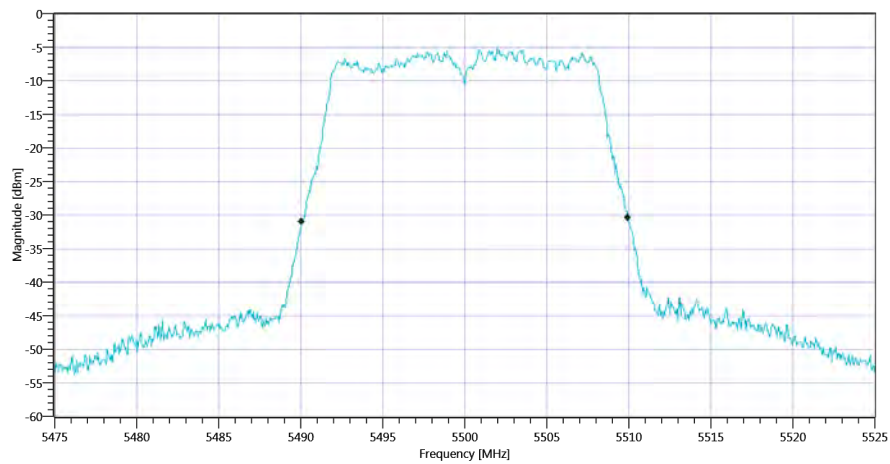
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT_18102019_122212.png



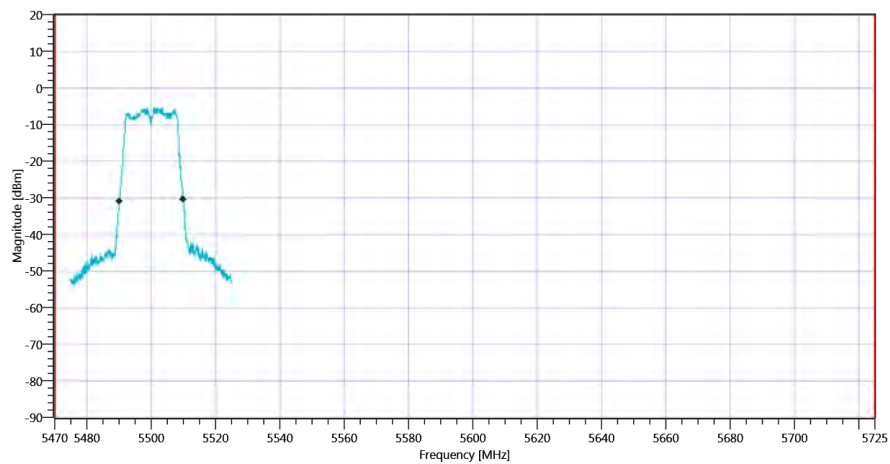
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-2C_18102019_122215.png

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2C 26dB_18102019_122219.png



Plot_FCC Part 15.407 & ISSED 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

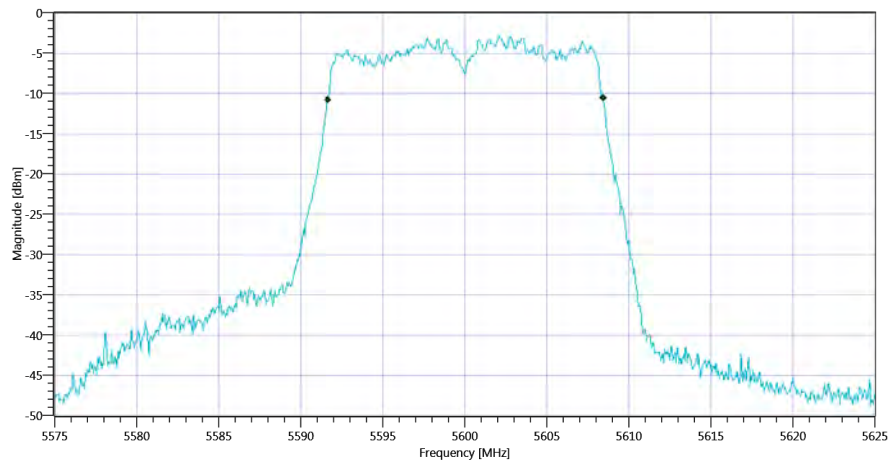
Test at TX 5600 MHz

READ SA SETTINGS:

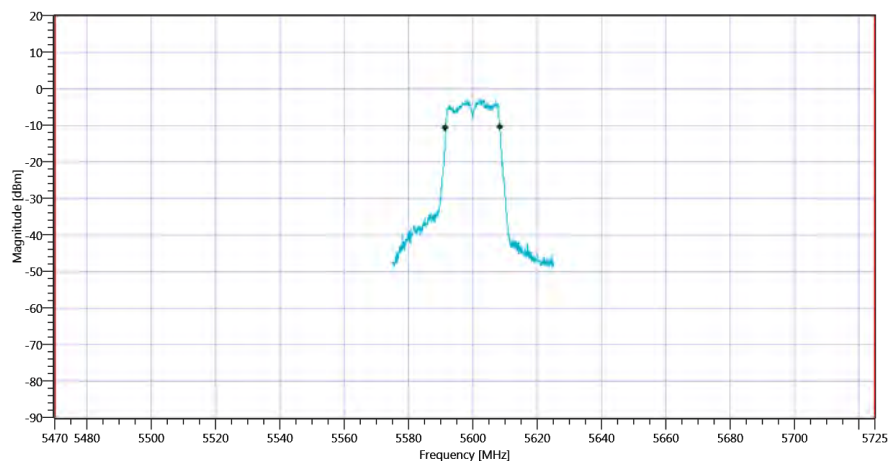
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.29 14.17 15
Start [MHz] Stop [MHz]	5575.000 5625.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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	



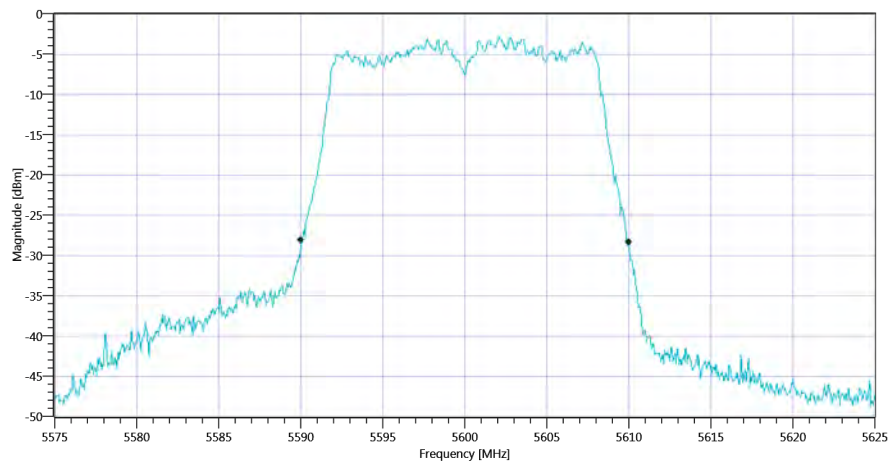
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT_18102019_122447.png



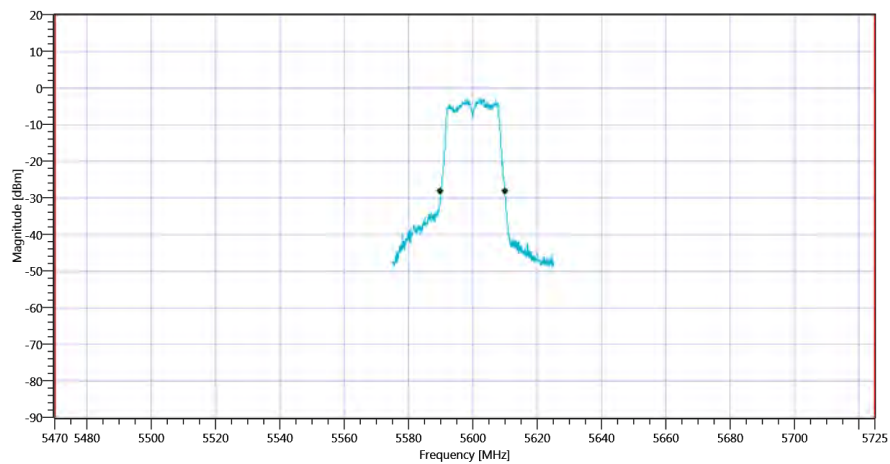
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-2C_18102019_122450.png

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	



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2C 26dB_18102019_122453.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2C_18102019_122456.png

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

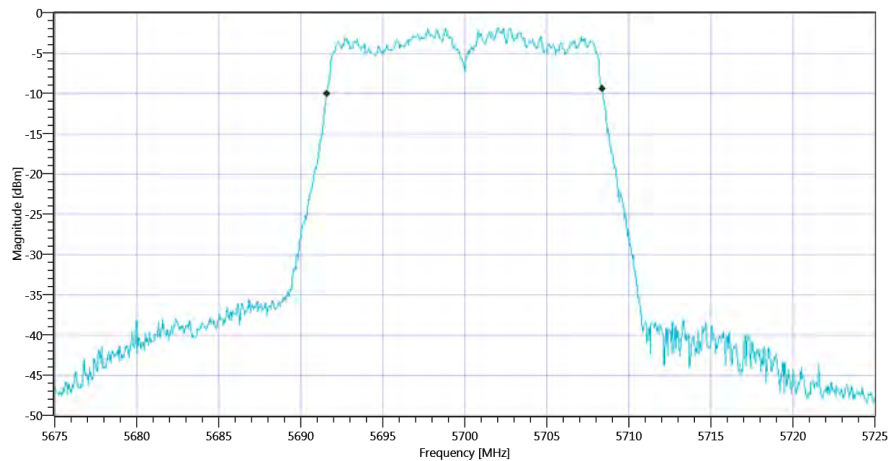
Test at TX 5700 MHz

READ SA SETTINGS:

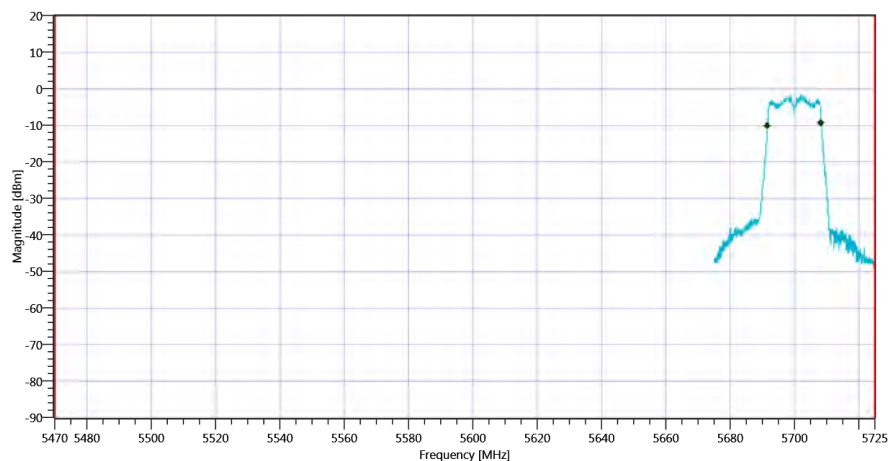
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.50 14.41 15
Start [MHz] Stop [MHz]	5675.000 5725.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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	



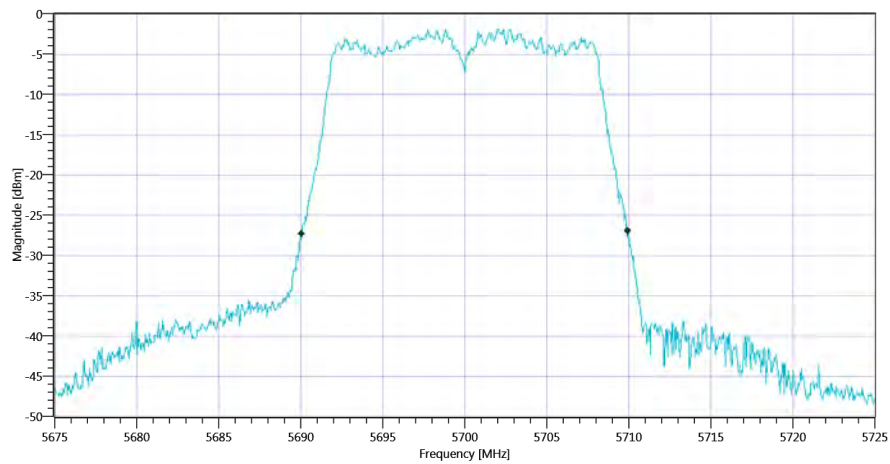
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-2C 99PCT_18102019_122721.png



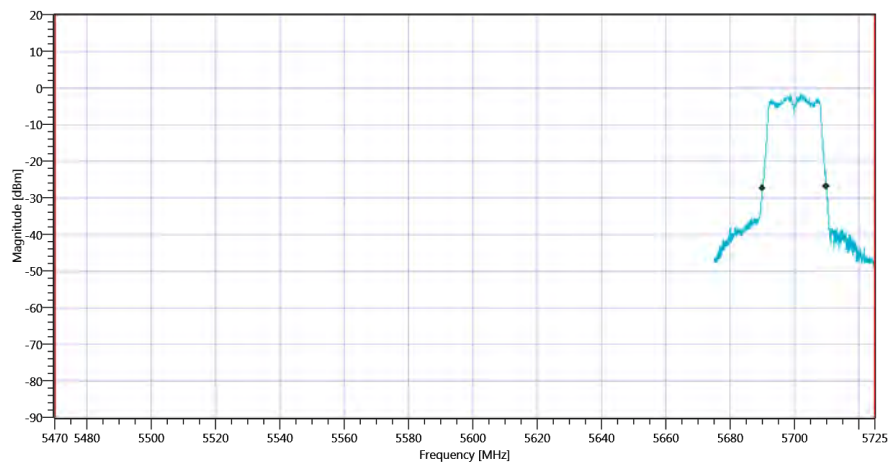
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx a mode U-NII-2C_18102019_122724.png

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-2C 26dB_18102019_122728.png



Plot_FCC Part 15.407 & ISSED 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

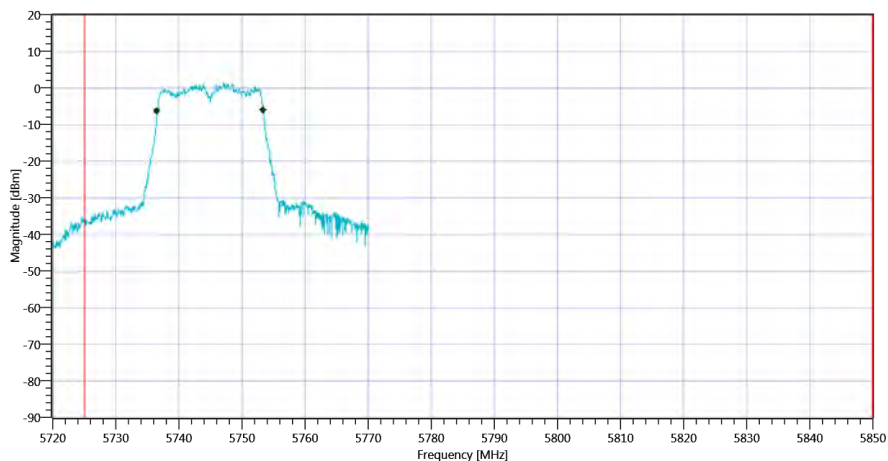
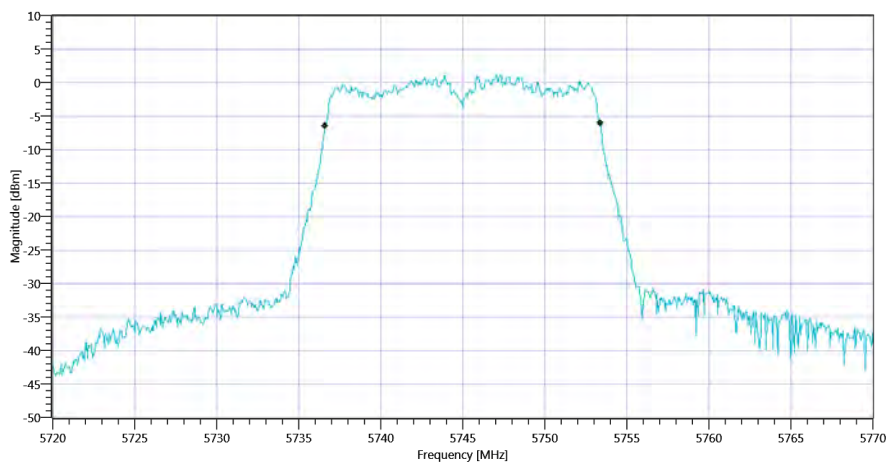
Test at TX 5745 MHz

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

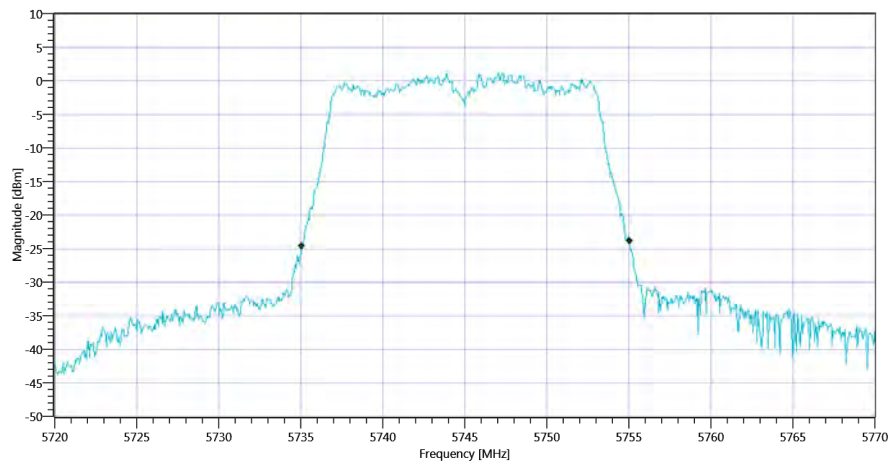
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

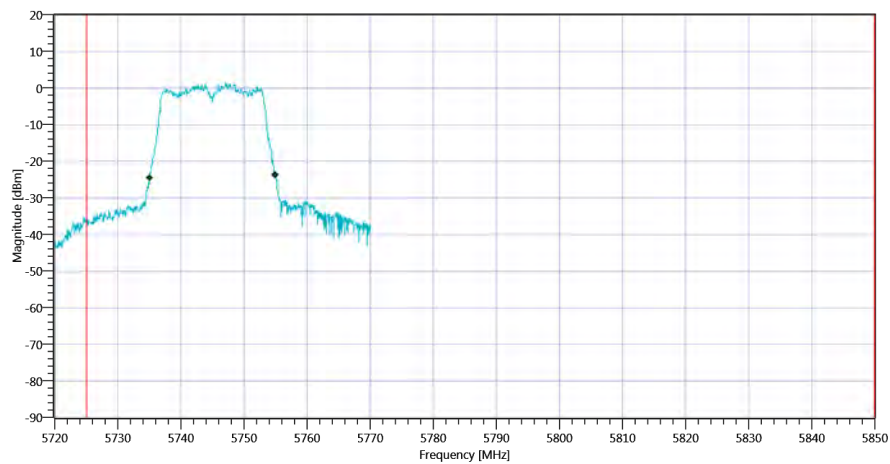


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18102019_123020.png



Plot_FCC Part 15.407 & ISSED 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

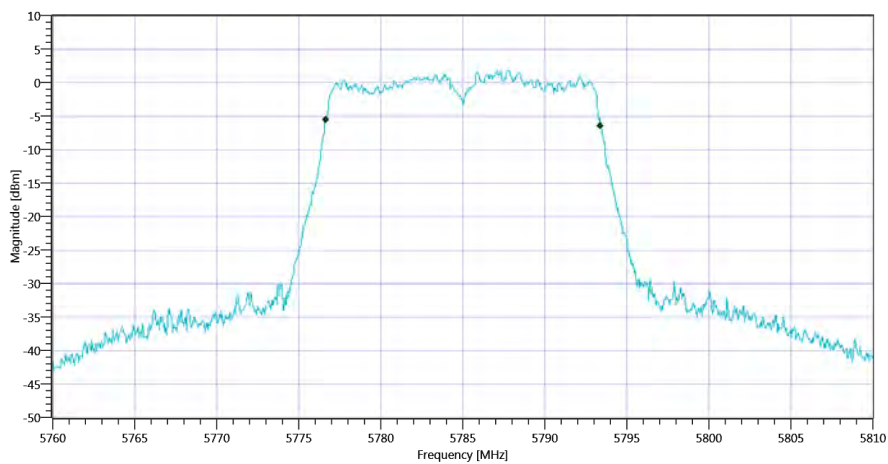
Test at TX 5785 MHz

READ SA SETTINGS:

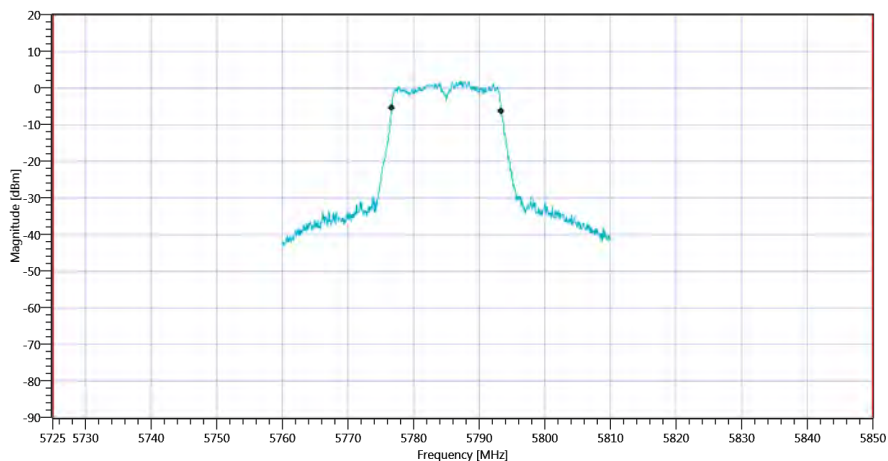
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.50 14.27 20
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

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



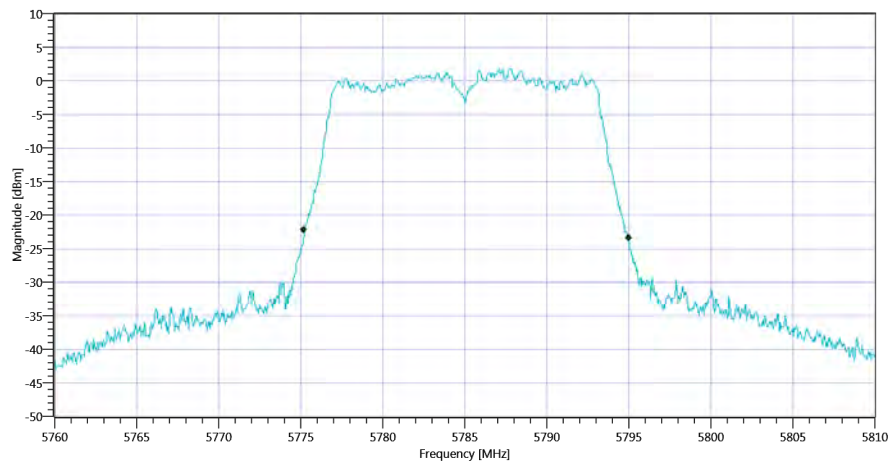
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT_18102019_123447.png



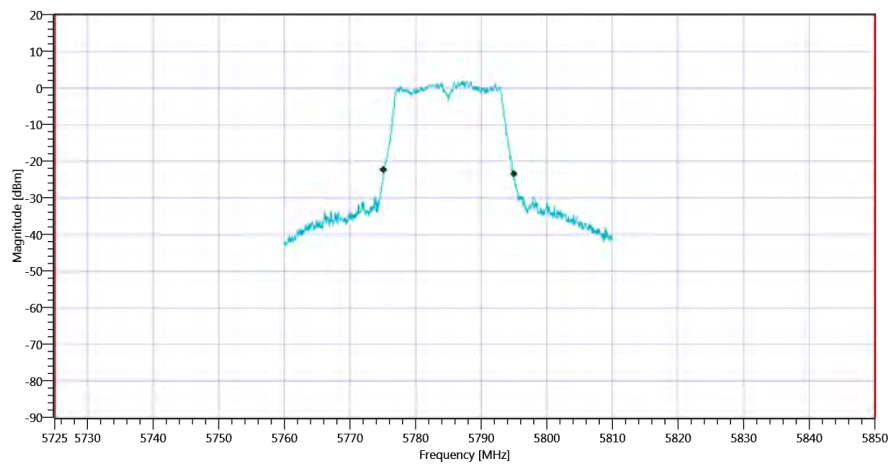
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-3_18102019_123450.png

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 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18102019_123454.png



Plot_FCC Part 15.407 & ISM 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

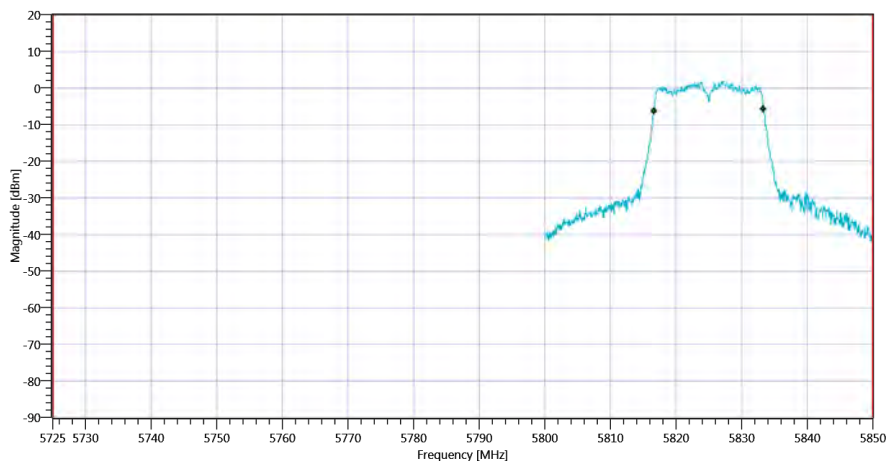
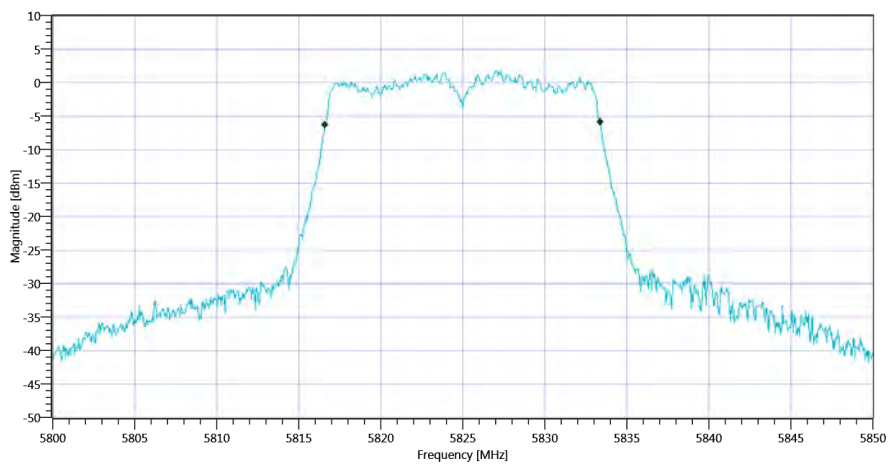
Test at TX 5825 MHz

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

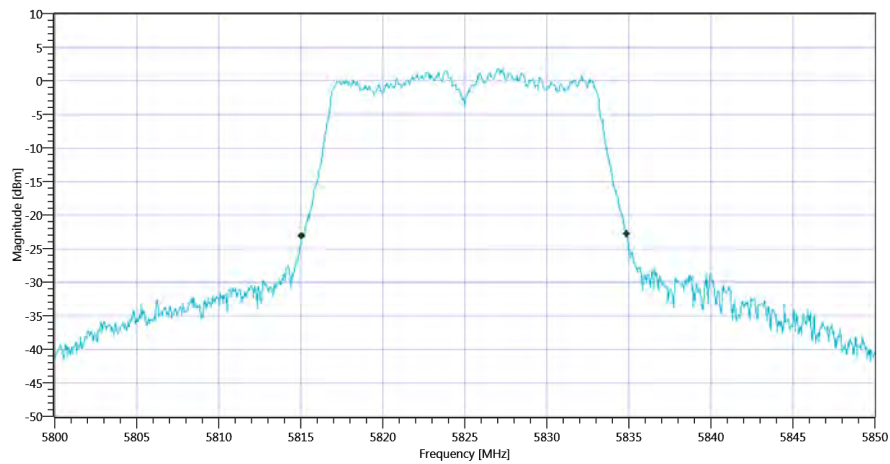
RESULT: TC_VM_FCC15407_Bandwidths_V01

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

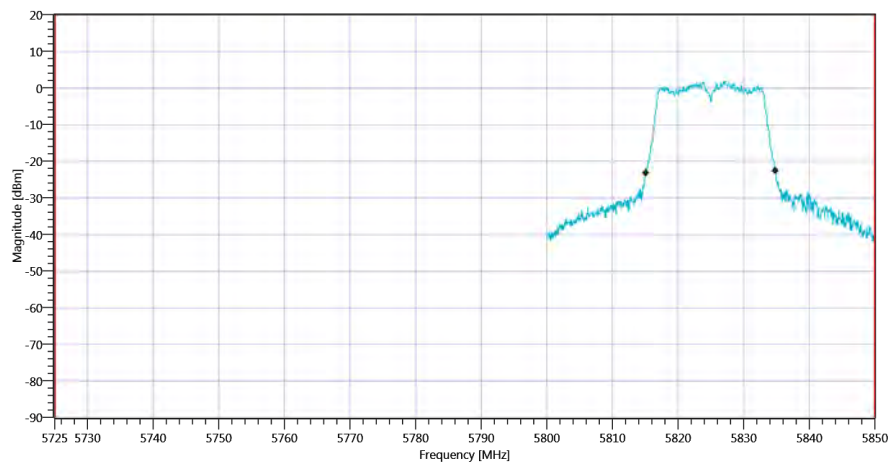


RESULT: TC_VM_FCC15407_Bandwidths_V01

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 & ISM Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18102019_123847.png



Plot_FCC Part 15.407 & ISM 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

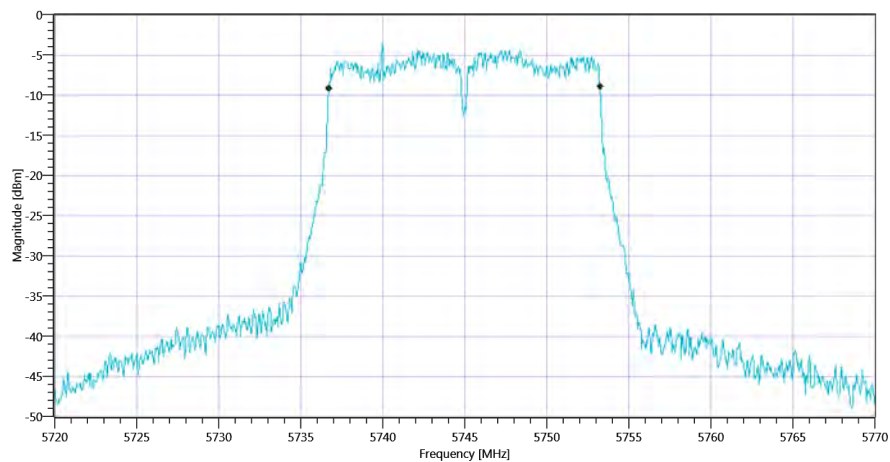
Test at TX 5745 MHz

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 & ISSED 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

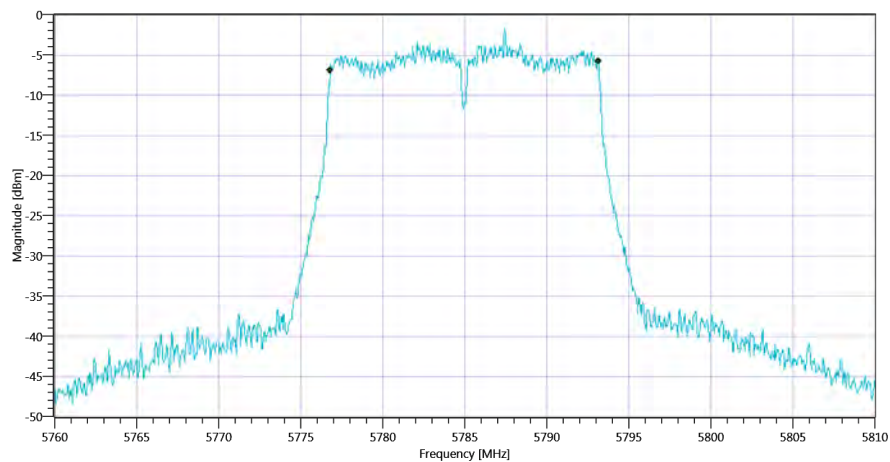
Test at TX 5785 MHz

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 & ISSED 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

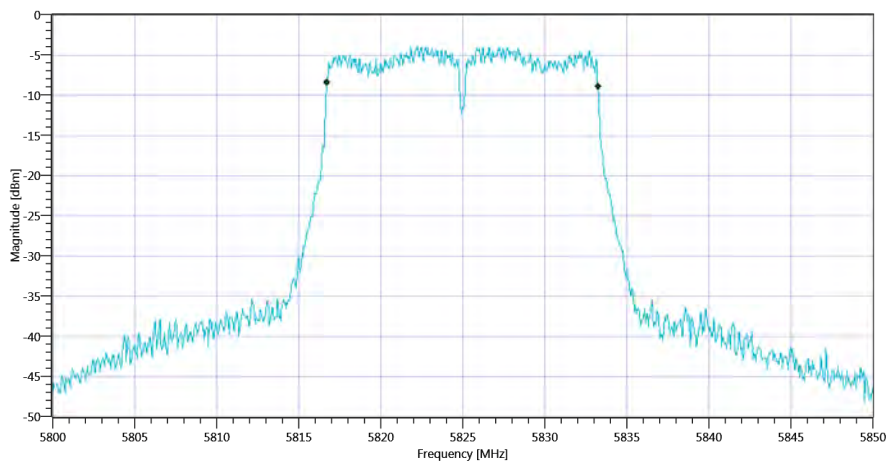
Test at TX 5825 MHz

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



TEST FINISHED

General Verdict	18.10.2019 12:39:24 / RT: 30 s	PASS
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