

Measurement Results

1-1232/20-02-48_log1_conducted

[Test logging](#)

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Table of Content

EUT Summary	3
1. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	4
2. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	7
3. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	10
4. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	13
5. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	17
6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	21
7. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	25
8. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	28
9. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1	31
10. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	34
11. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	38
12. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3	42
13. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1	46
14. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1	49
15. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-1	52
16. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3	55
17. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3	58
18. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx a mode U-NII-3	61
19. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3	64
20. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3	66
21. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx a mode U-NII-3	68

EUT Summary

EUT DEFINITION	
Manufacturer	Roche Diagnostics
Type	AccuChek Inform 2
Kind	Medical diagnostic device
Serial Number Setup Number	E0027005043F9C4 1.0
Version SW FW HW	Test software NI HBM 4.50
Comment 1 2	
Temperature [°C] Min Nom Max	5 20 40
Voltage [V] Min Nom Max @Current Max [A]	3.3 3.7 4.2 @1

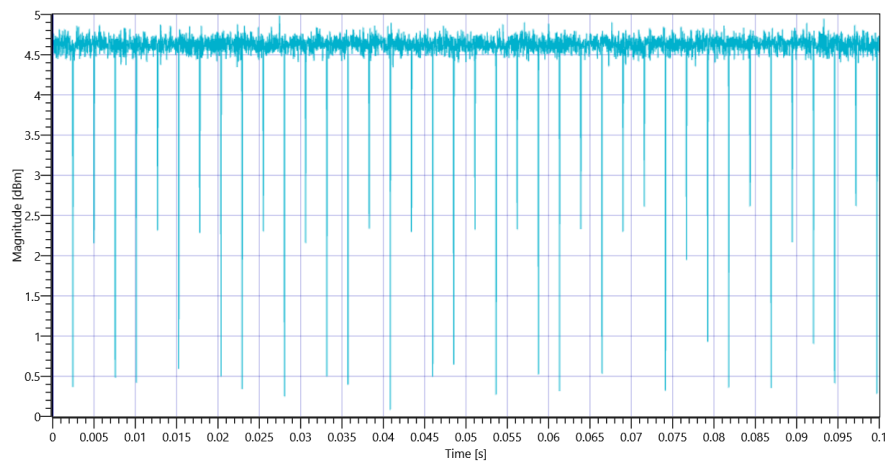
1. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 07:51:34
Ambit Temp [°C] Humidity [rel%]	22.5 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

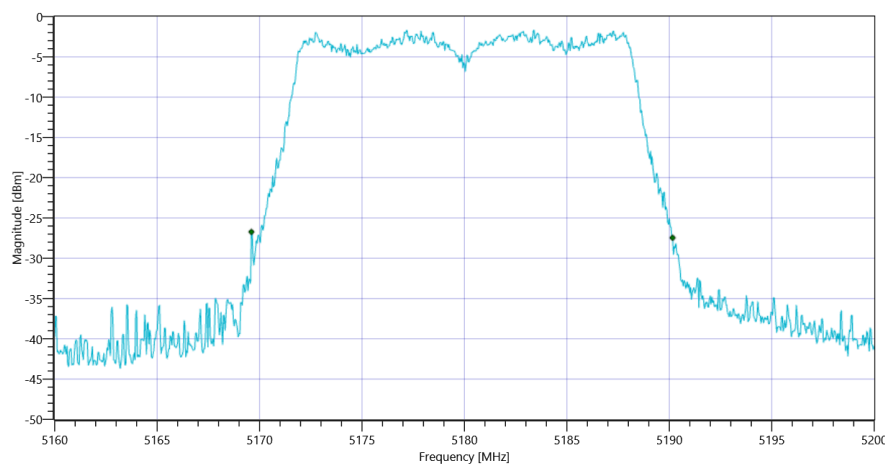
Test at TX 5180 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5180 MHz - DutyCycle_24022021_075154.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.56	MHz	INFO
T1 26dB	---	---	5169.6000	MHz	INFO
T2 26dB	---	---	5190.1600	MHz	INFO

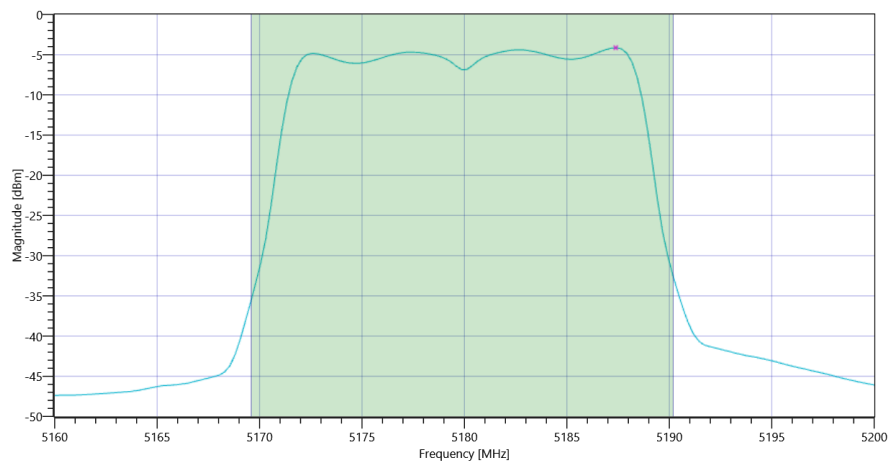


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_075210.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.80 17.84 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.84	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	6.84	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.13	6.84	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD_24022021_075317.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.14	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.14	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

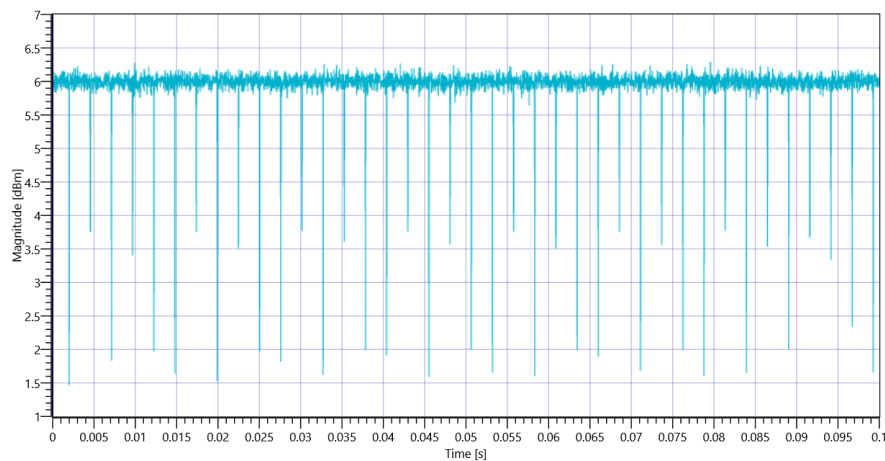
2. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 07:57:55
Ambit Temp [°C] Humidity [rel%]	22.4 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

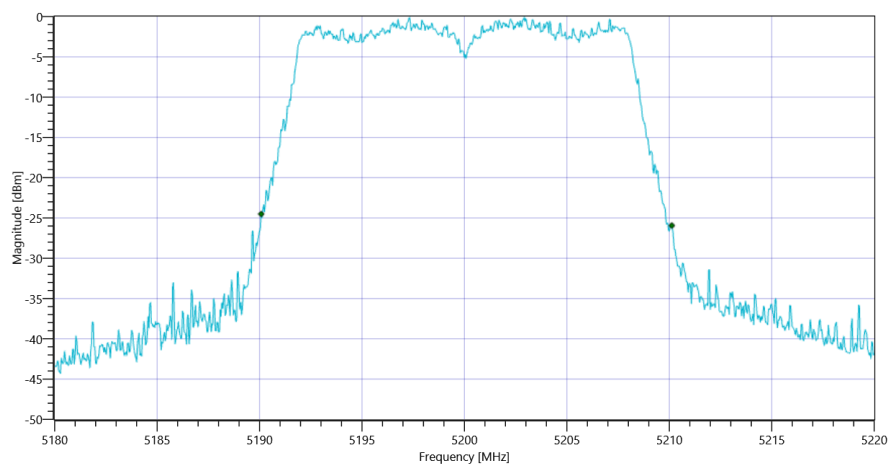
Test at TX 5200 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5200 MHz - DutyCycle_24022021_075815.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.04	MHz	INFO
T1 26dB	---	---	5190.0800	MHz	INFO
T2 26dB	---	---	5210.1200	MHz	INFO

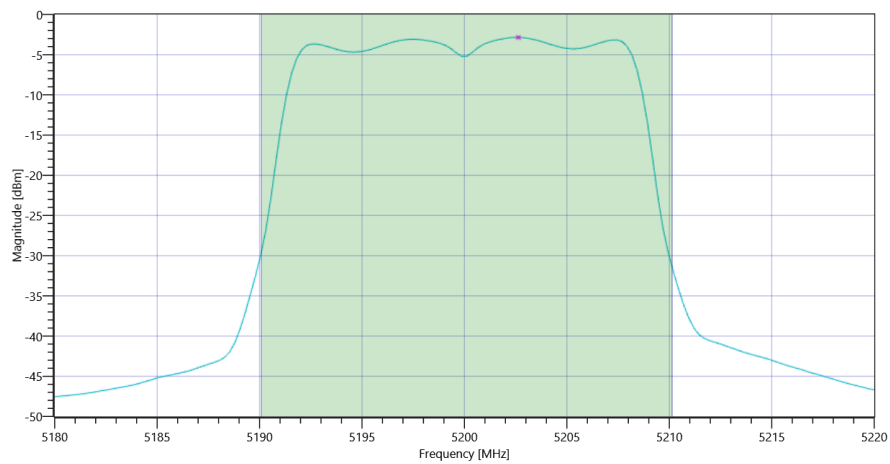


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_075827.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.41 17.88 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	8.24	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.24	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.02	8.24	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD_24022021_075933.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-2.85	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-2.85	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

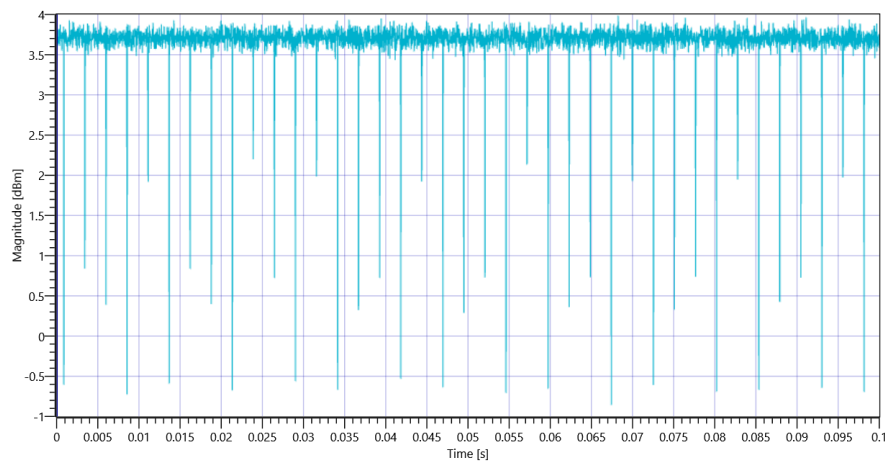
3. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 08:03:11
Ambit Temp [°C] Humidity [rel%]	22.3 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

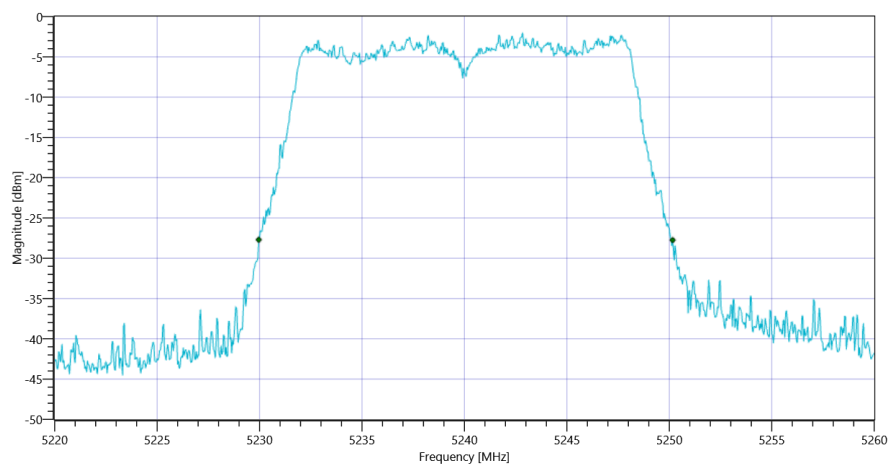
Test at TX 5240 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5240 MHz - DutyCycle_24022021_080330.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.2	MHz	INFO
T1 26dB	---	---	5229.9600	MHz	INFO
T2 26dB	---	---	5250.1600	MHz	INFO

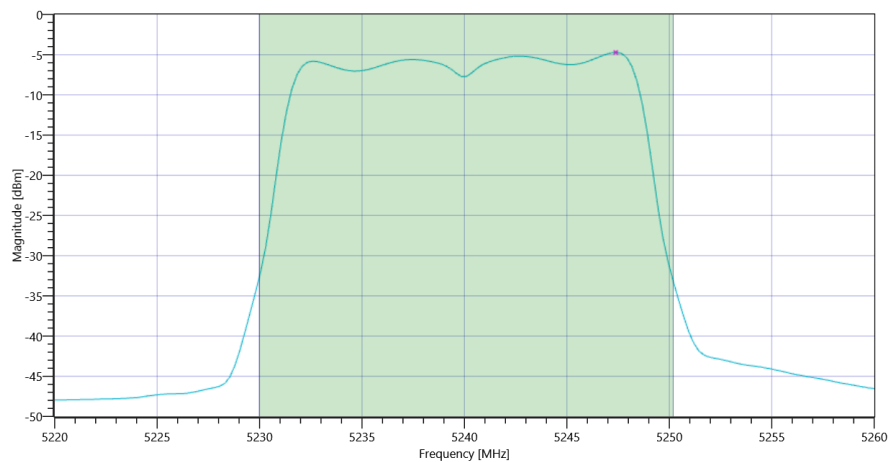


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_080341.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.39 17.79 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.03	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	6.03	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.05	6.03	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.71	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.71	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

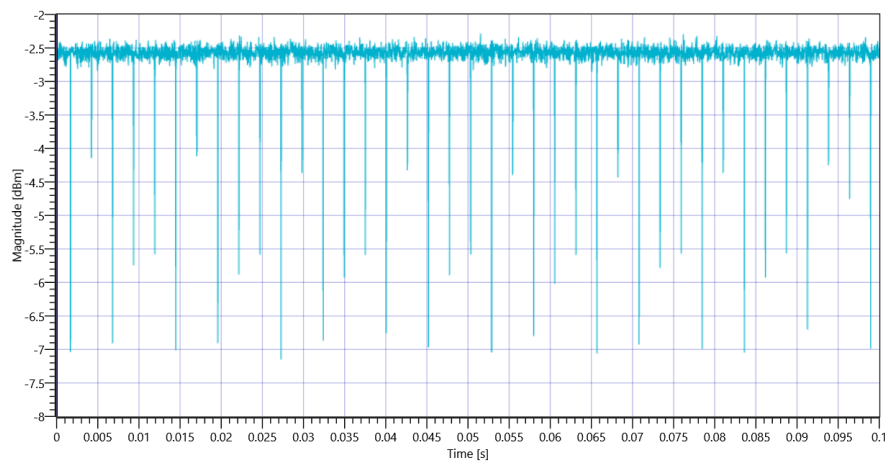
4. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:14:27
Ambit Temp [°C] Humidity [rel%]	21.9 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

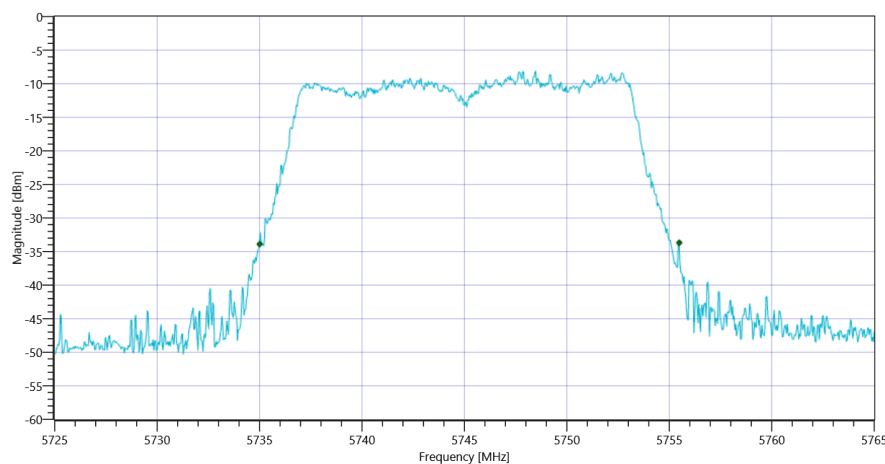
Test at TX 5745 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5745 MHz - DutyCycle_24022021_091445.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.48	MHz	INFO
T1 26dB	---	---	5735.0000	MHz	INFO
T2 26dB	---	---	5755.4800	MHz	INFO

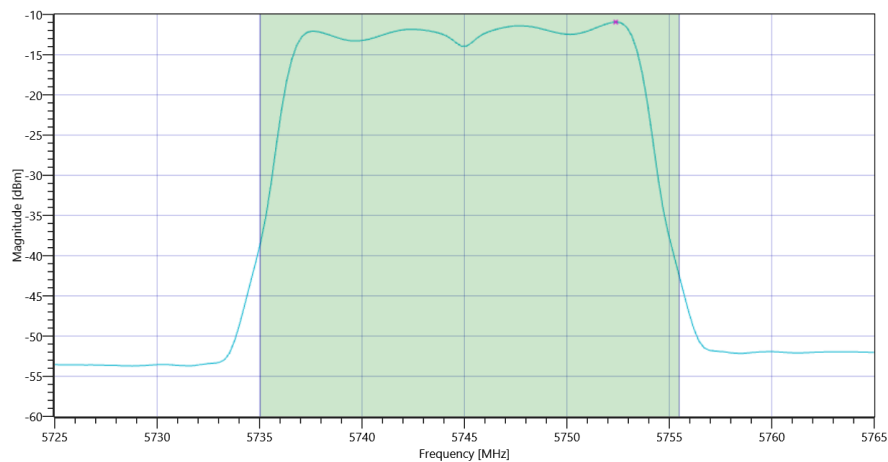


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_091457.png

READ SA SETTINGS:

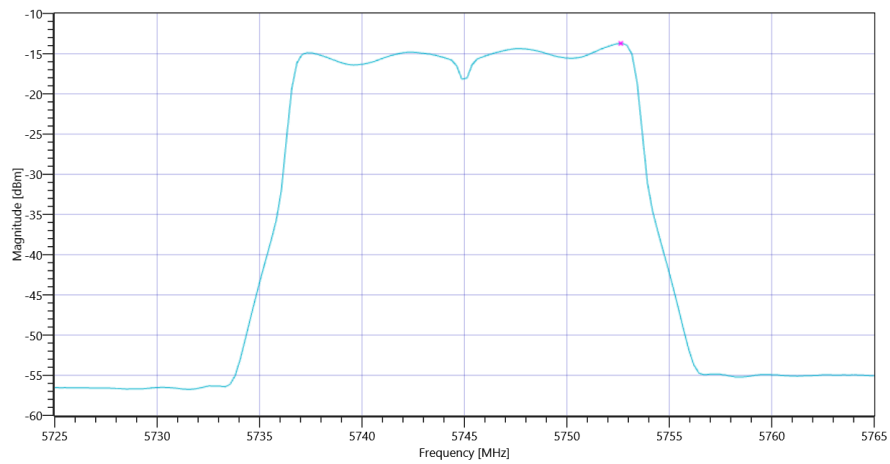
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.40 17.86 10
Start [MHz] Stop [MHz]	5725.000 5765.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	-0.2	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	-0.2	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.11	-0.2	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.40 17.86 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-13.72	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-13.72	dBm/0.5MHz	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_091706.png

TEST FINISHED

General Verdict

PASS

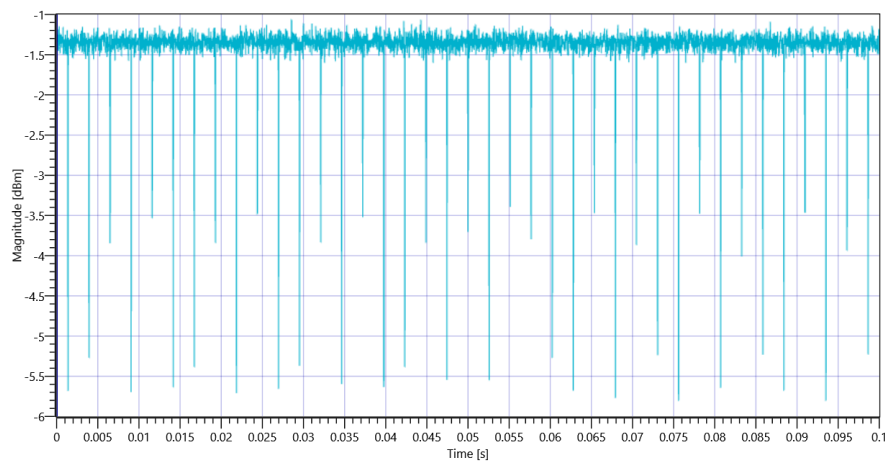
5. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:25:12
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

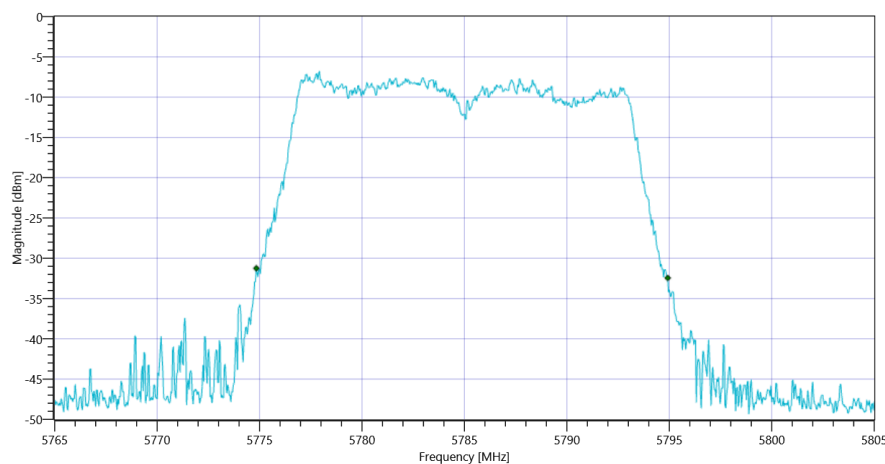
Test at TX 5785 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5785 MHz - DutyCycle_24022021_092531.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.08	MHz	INFO
T1 26dB	---	---	5774.8400	MHz	INFO
T2 26dB	---	---	5794.9200	MHz	INFO

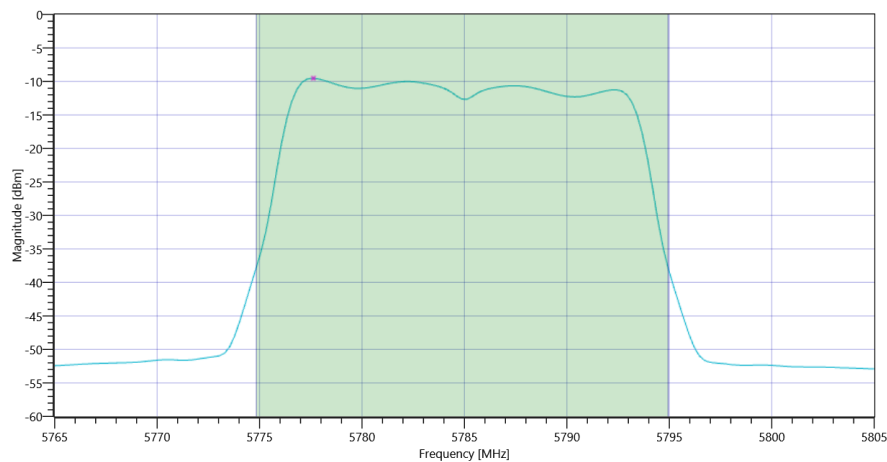


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_092542.png

READ SA SETTINGS:

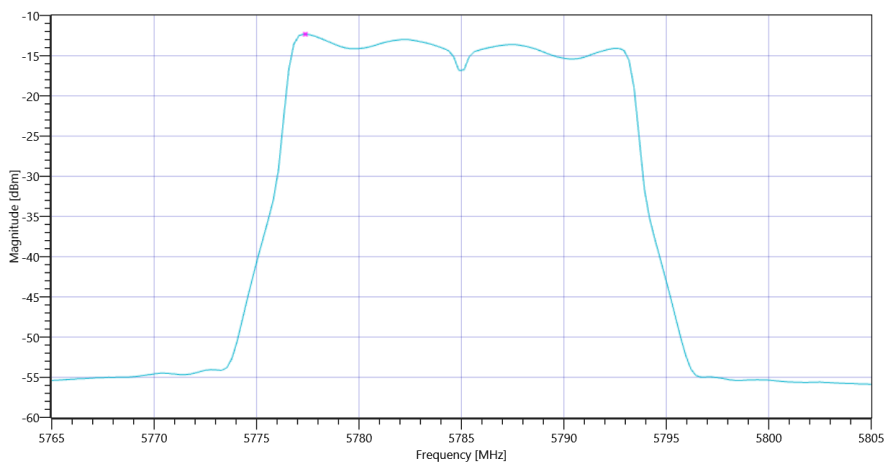
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.48 17.92 10
Start [MHz] Stop [MHz]	5765.000 5805.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	1.04	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	1.04	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.03	1.04	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.48 17.92 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-12.32	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-12.32	dBm/0.5MHz	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_092751.png

TEST FINISHED	
General Verdict	PASS

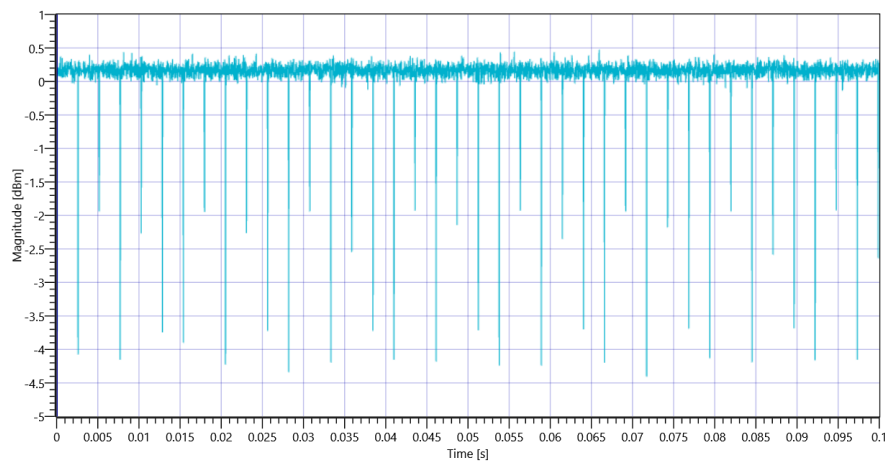
6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:33:15
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

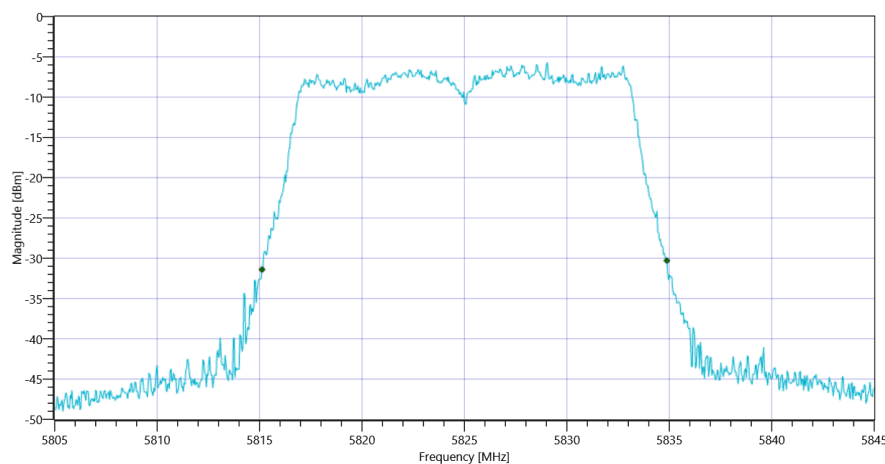
Test at TX 5825 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5825 MHz - DutyCycle_24022021_093334.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.76	MHz	INFO
T1 26dB	---	---	5815.1200	MHz	INFO
T2 26dB	---	---	5834.8800	MHz	INFO

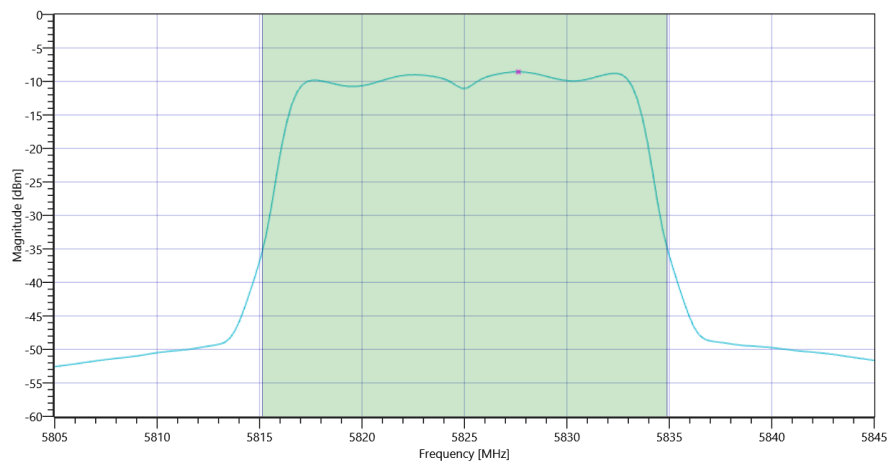


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_093345.png

READ SA SETTINGS:

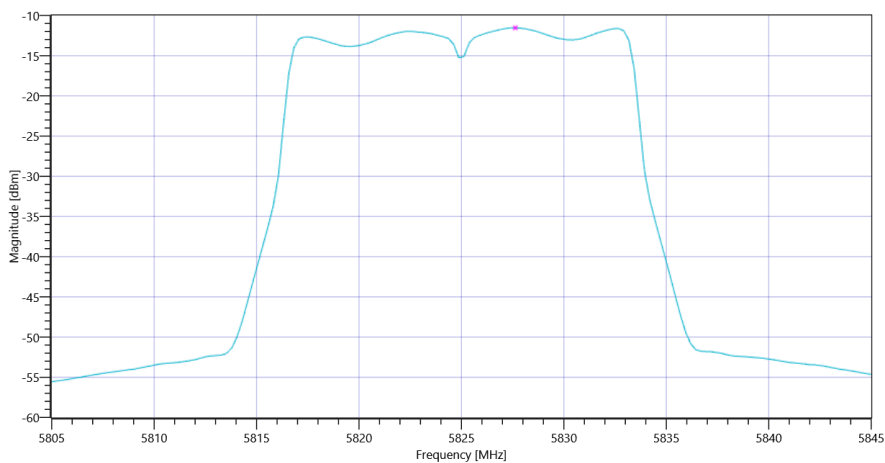
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.63 17.94 10
Start [MHz] Stop [MHz]	5805.000 5845.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	2.4	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	2.4	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.96	2.4	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.63 17.94 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-11.53	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-11.53	dBm/0.5MHz	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_093554.png

TEST FINISHED	
General Verdict	PASS

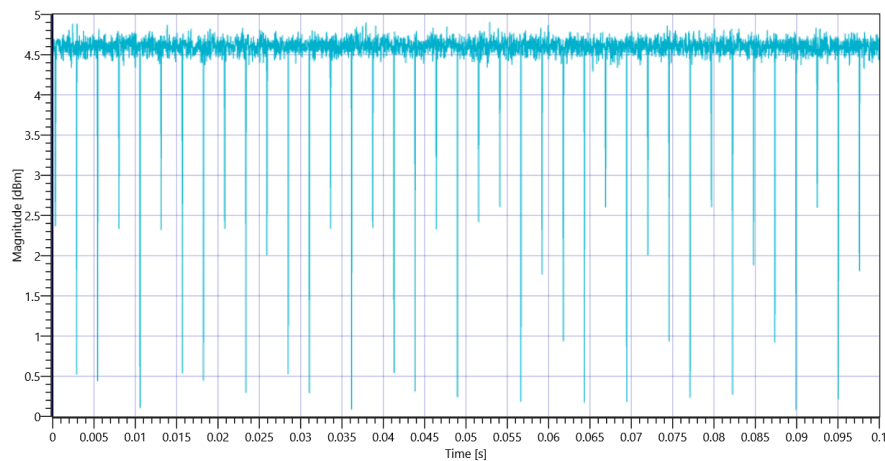
7. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 07:53:24
Ambit Temp [°C] Humidity [rel%]	22.5 35
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

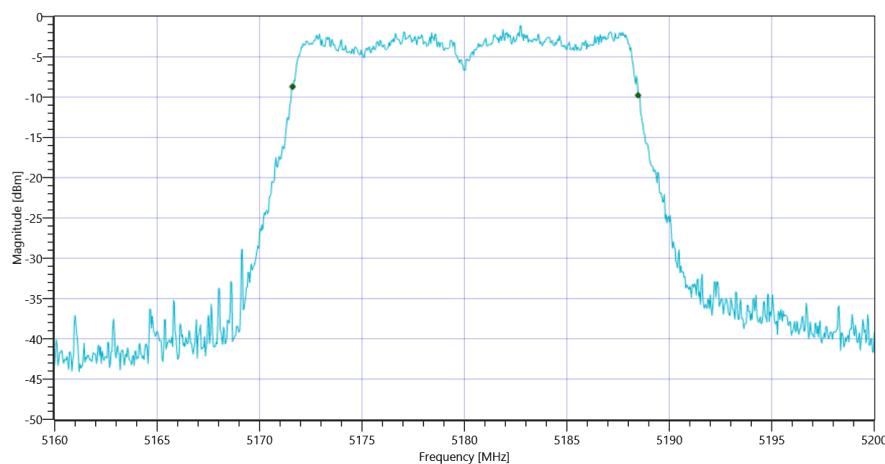
Test at TX 5180 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5180 MHz - DutyCycle_24022021_075344.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.863	MHz	INFO
T1 99%	---	---	5171.6084	MHz	INFO
T2 99%	---	---	5188.4715	MHz	INFO

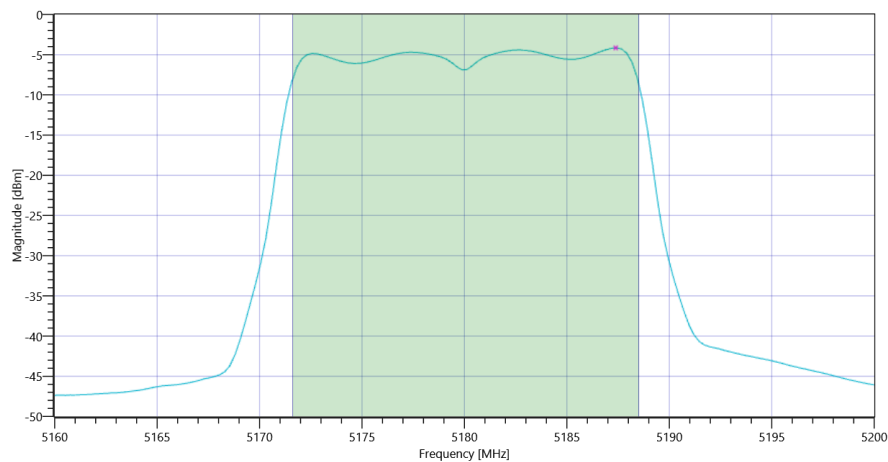


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_075400.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.25 17.84 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.75	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	6.75	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.27	6.75	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.15	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.15	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

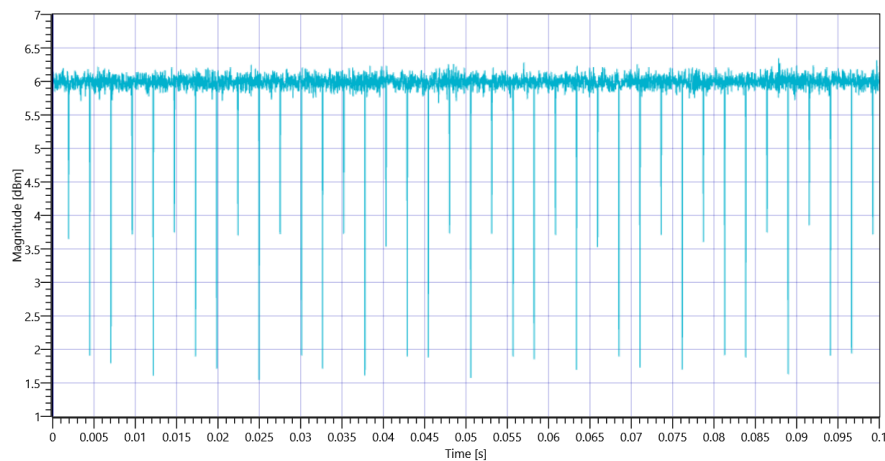
8. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 07:59:41
Ambit Temp [°C] Humidity [rel%]	22.4 35
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

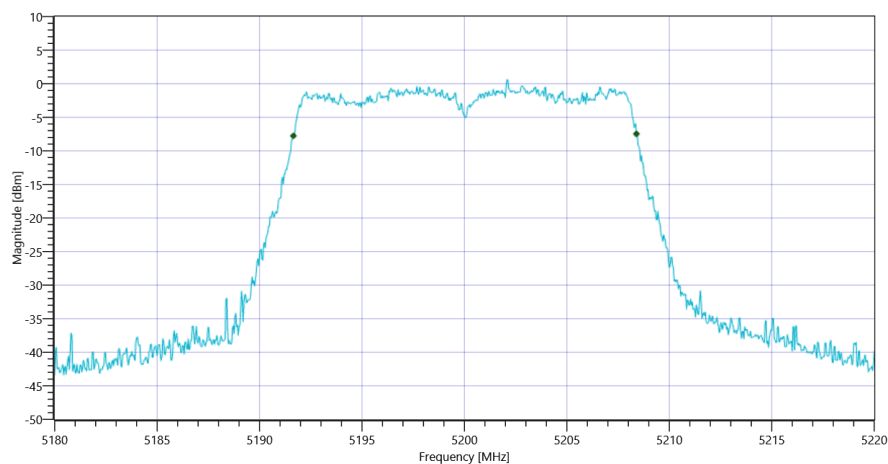
Test at TX 5200 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5200 MHz - DutyCycle_24022021_080000.png

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

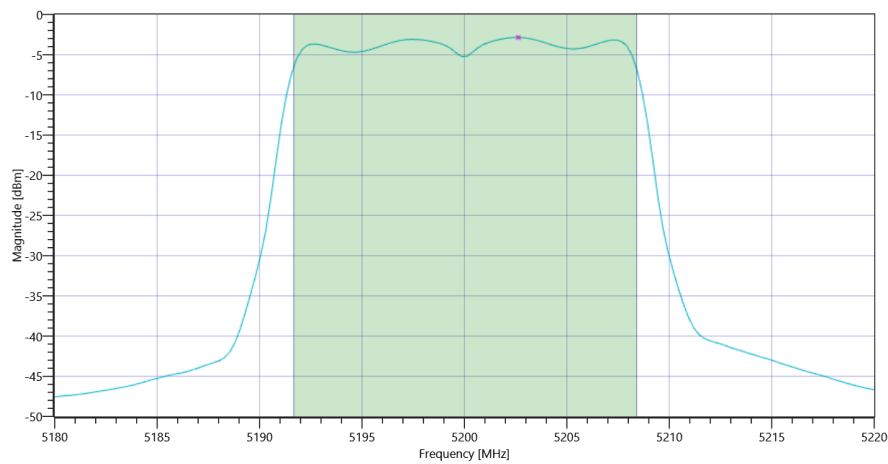


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_080012.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.65 17.88 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	8.14	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.14	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.24	8.14	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD_24022021_080120.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-2.86	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-2.86	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

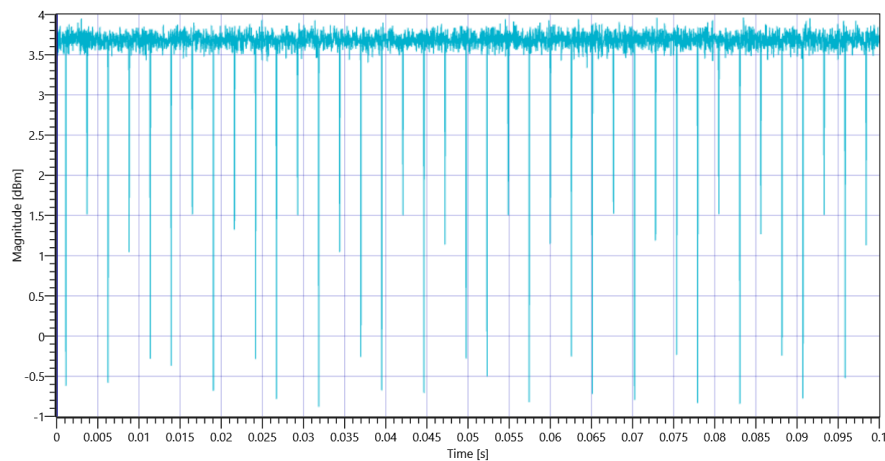
9. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	24.02.2021 08:04:55
Ambit Temp [°C] Humidity [rel%]	22.4 36
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

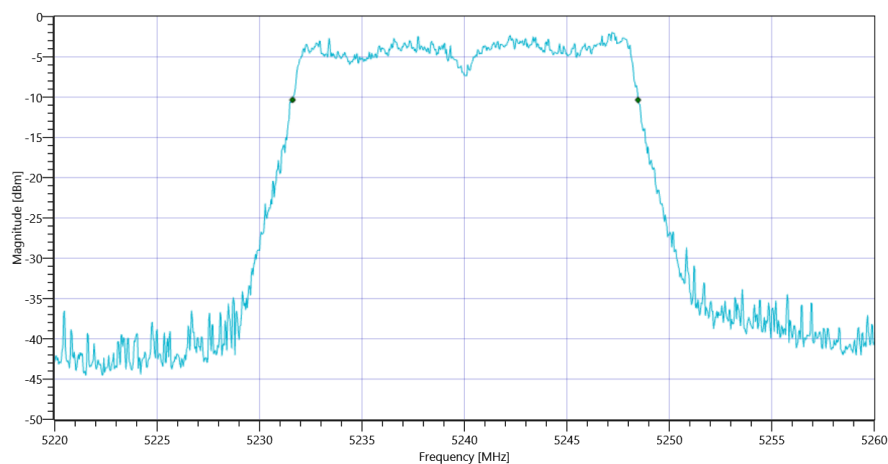
Test at TX 5240 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 5240 MHz - DutyCycle_24022021_080514.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.863	MHz	INFO
T1 99%	---	---	5231.6084	MHz	INFO
T2 99%	---	---	5248.4715	MHz	INFO

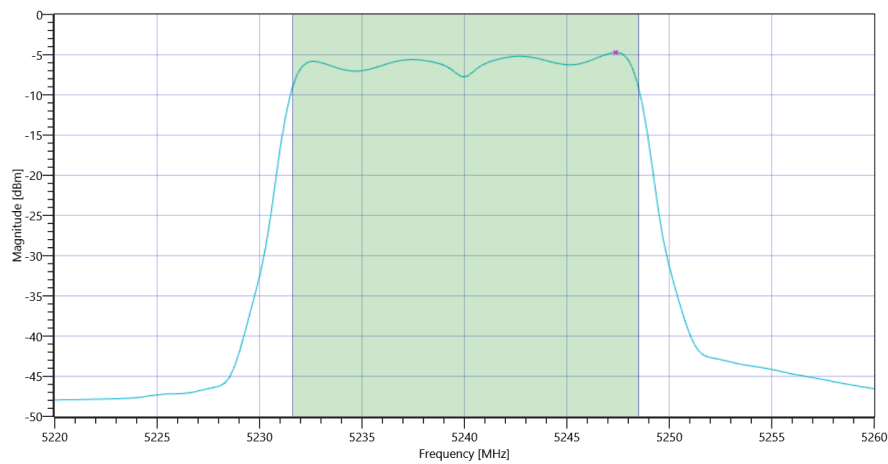


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 BW_24022021_080526.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.25 17.79 15
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	5.94	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	5.94	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.27	5.94	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.72	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.72	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

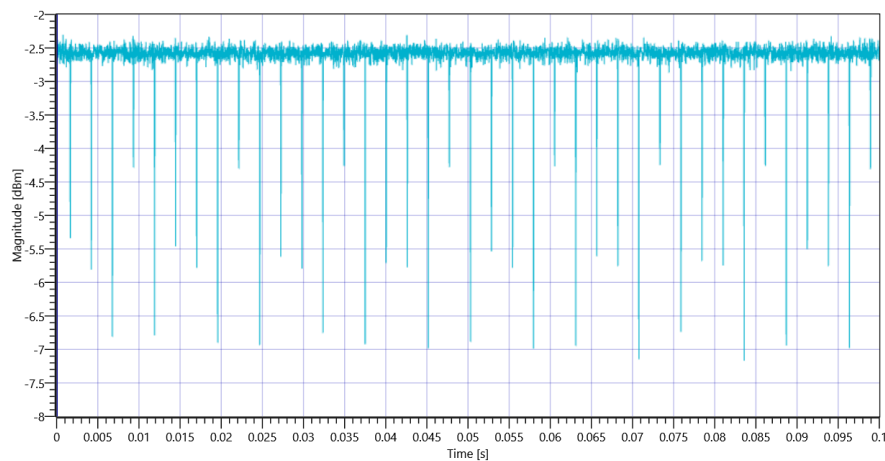
10. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:17:11
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

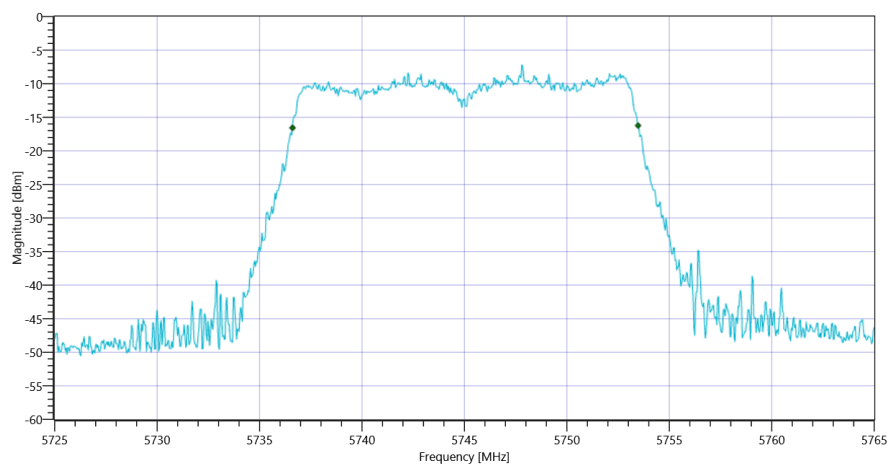
Test at TX 5745 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5745 MHz - DutyCycle_24022021_091730.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.863	MHz	INFO
T1 99%	---	---	5736.6084	MHz	INFO
T2 99%	---	---	5753.4715	MHz	INFO

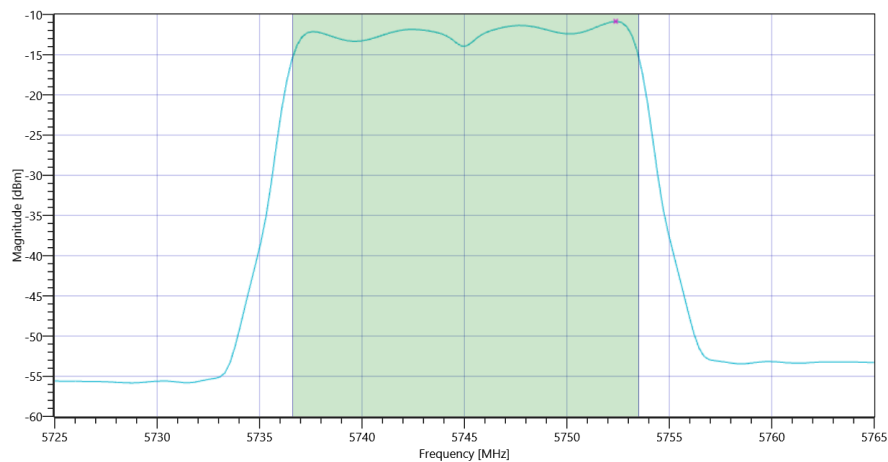


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_091741.png

READ SA SETTINGS:

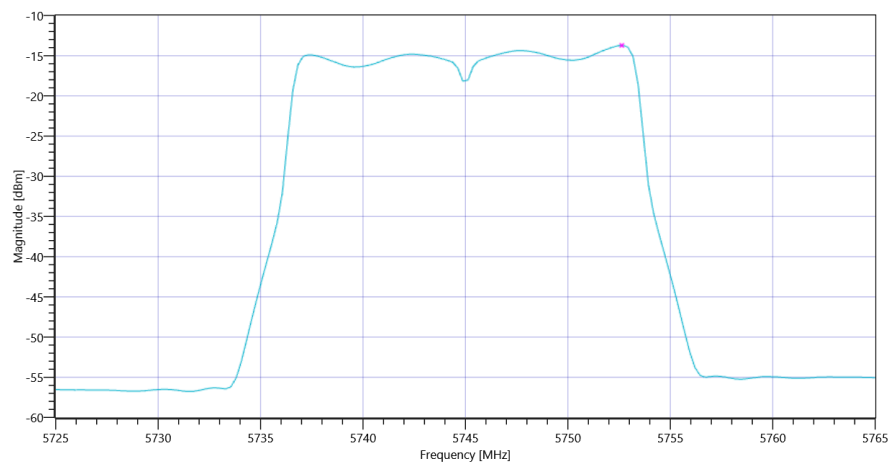
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.72 17.86 5
Start [MHz] Stop [MHz]	5725.000 5765.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	-0.27	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	-0.27	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.27	-0.27	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.72 17.86 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-13.72	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-13.72	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_091950.png

TEST FINISHED

General Verdict

PASS

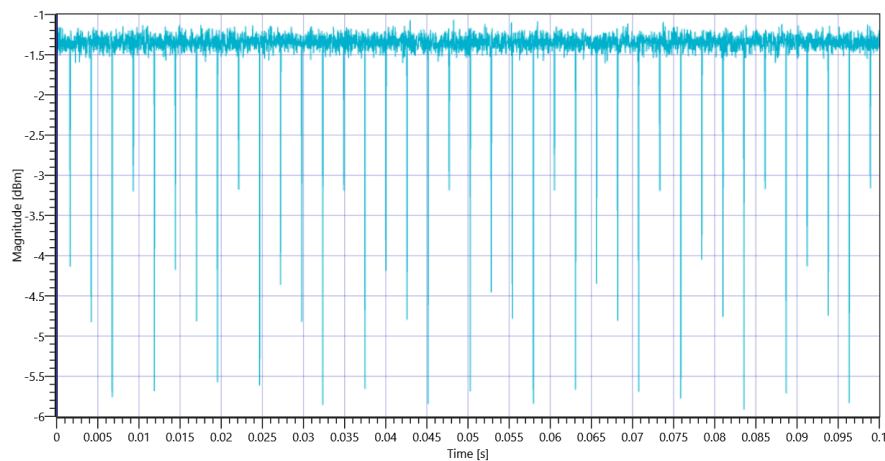
11. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:27:57
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

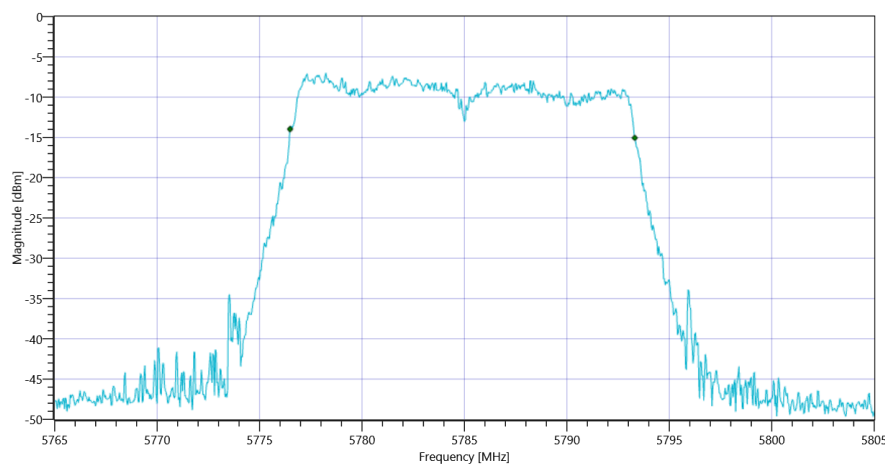
Test at TX 5785 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5785 MHz - DutyCycle_24022021_092816.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.823	MHz	INFO
T1 99%	---	---	5776.4885	MHz	INFO
T2 99%	---	---	5793.3117	MHz	INFO

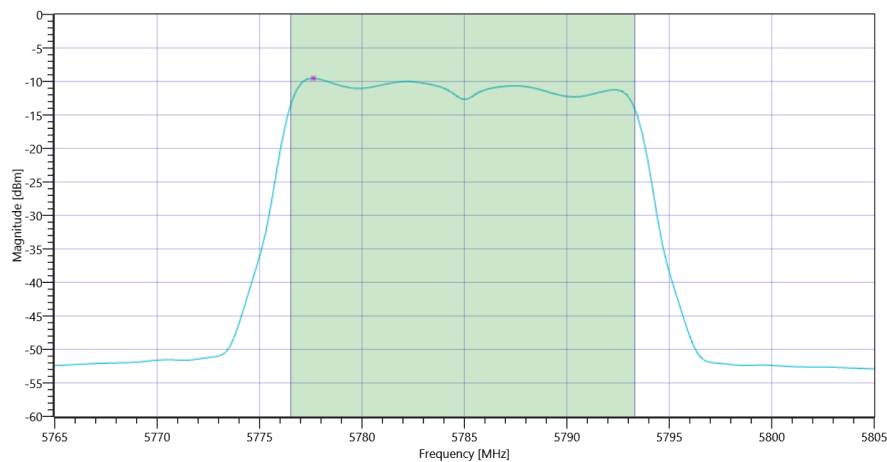


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_092827.png

READ SA SETTINGS:

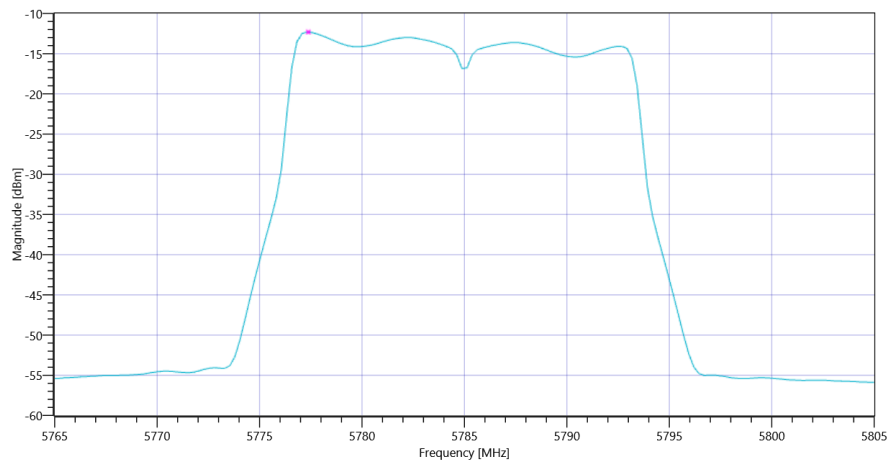
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.28 17.92 10
Start [MHz] Stop [MHz]	5765.000 5805.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	0.96	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	0.96	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.26	0.96	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.28 17.92 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-12.31	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-12.31	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_093036.png

TEST FINISHED

General Verdict

PASS

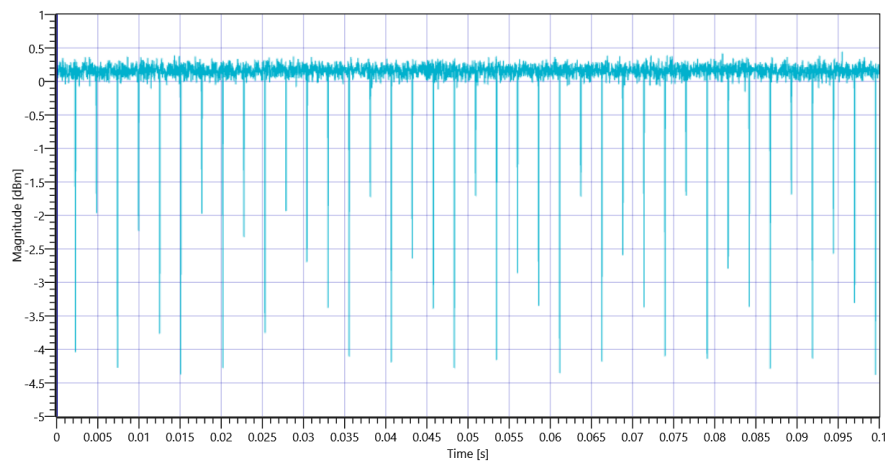
12. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	24.02.2021 09:35:59
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	ISED
Test Method	
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

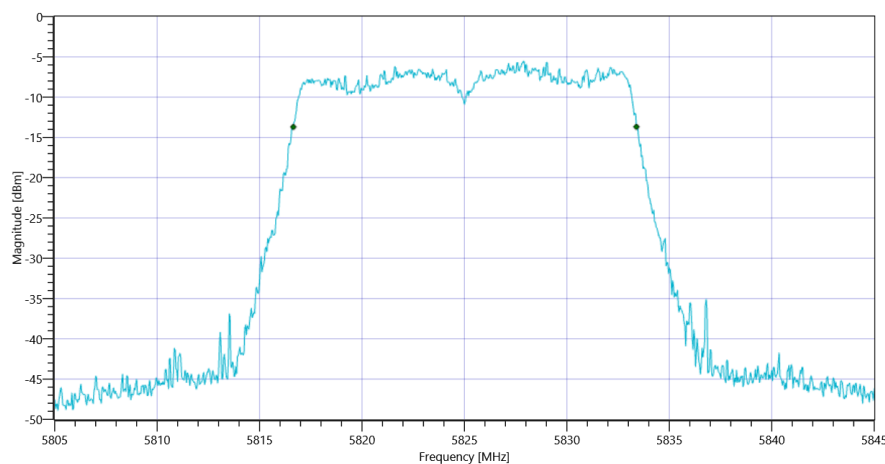
Test at TX 5825 MHz

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	---	INFO
Duty Cycle max	---	---	0	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	1	---	INFO
Duty Cycle min	---	---	0	dB	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 5825 MHz - DutyCycle_24022021_093620.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.743	MHz	INFO
T1 99%	---	---	5816.6484	MHz	INFO
T2 99%	---	---	5833.3916	MHz	INFO

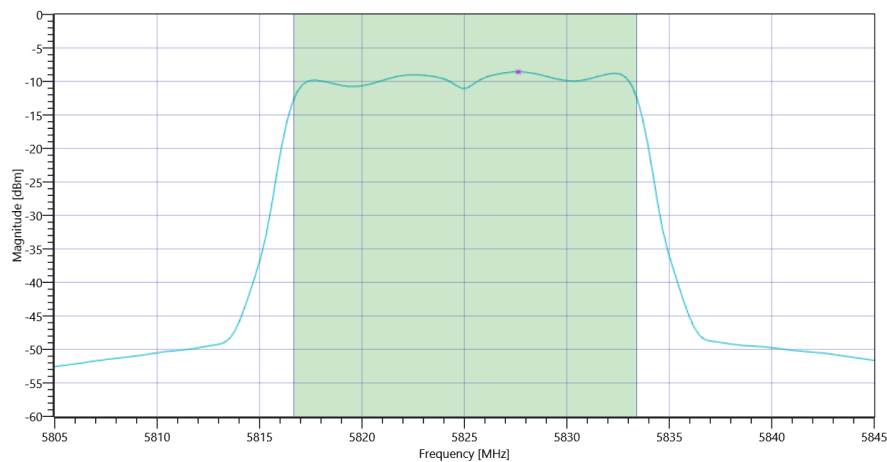


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_24022021_093632.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.14 17.94 10
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	53400 1 160 SWE

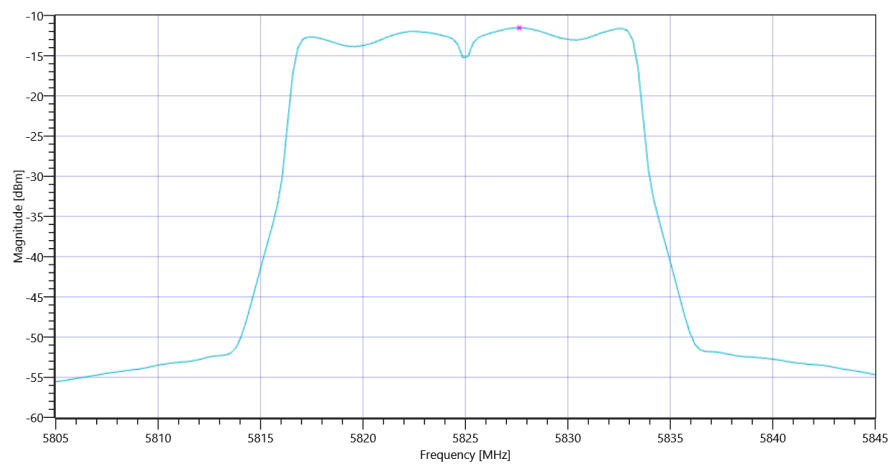
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	2.32	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	2.32	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.24	2.32	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD_24022021_093737.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.14 17.94 10
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	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-11.53	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-11.53	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_24022021_093841.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	24.02.2021 07:55:13
Ambit Temp [°C] Humidity [rel%]	22.4 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

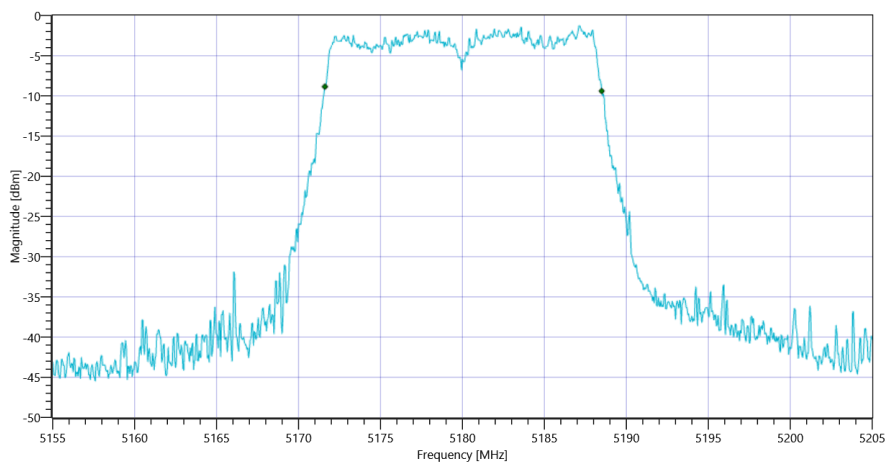
Test at TX 5180 MHz

READ SA SETTINGS:

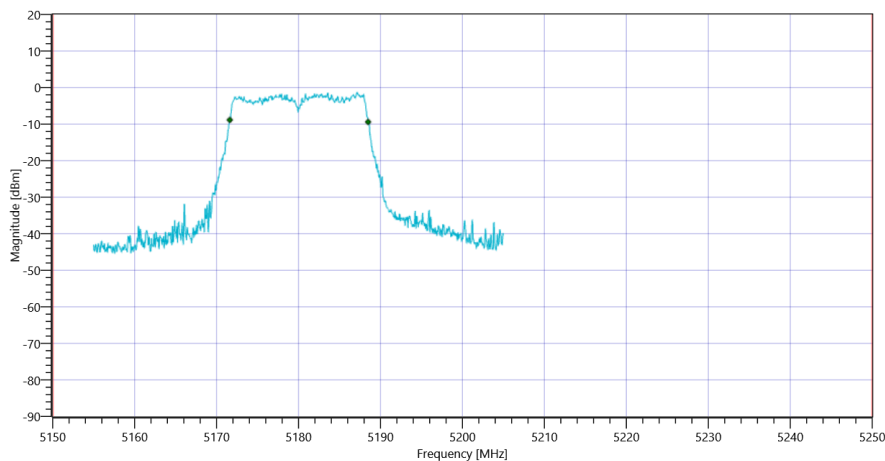
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.97 17.84 10
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.883	MHz	INFO
T1 99%	5150.000000	---	5171.6084	MHz	PASS
T2 99%	---	5250.000000	5188.4915	MHz	PASS



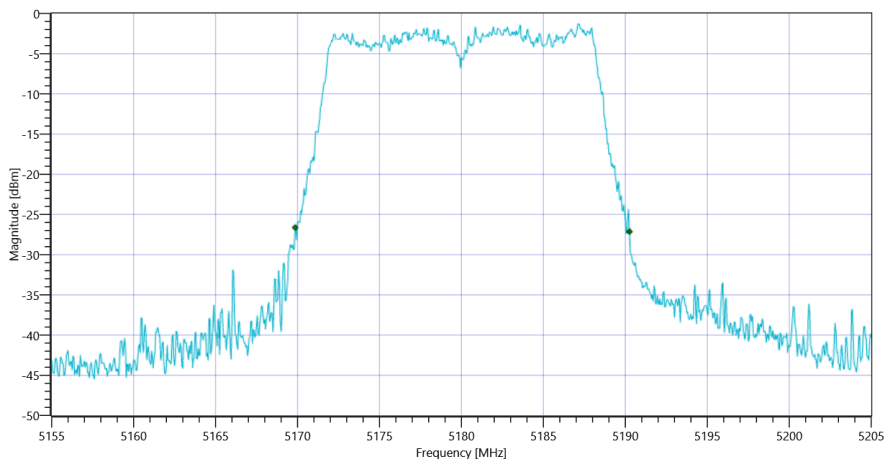
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_24022021_075547.png



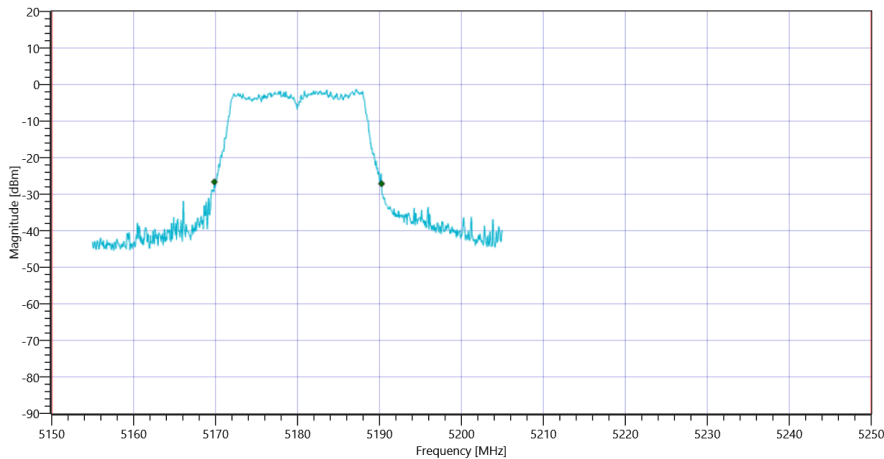
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_075554.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.4	MHz	INFO
T1 26dB	5150.000000	---	5169.8500	MHz	PASS
T2 26dB	---	5250.000000	5190.2500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_24022021_075601.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_075608.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	24.02.2021 08:01:27
Ambit Temp [°C] Humidity [rel%]	22.3 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

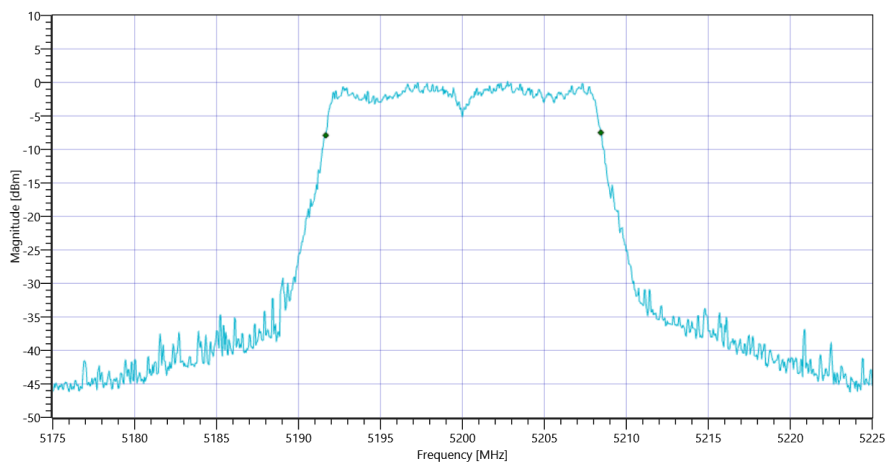
Test at TX 5200 MHz

READ SA SETTINGS:

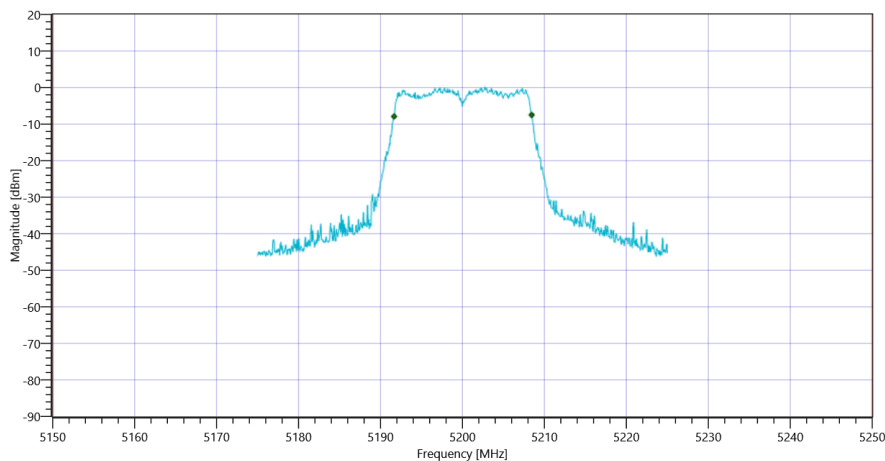
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.62 17.88 10
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5150.000000	---	5191.6583	MHz	PASS
T2 99%	---	5250.000000	5208.4416	MHz	PASS



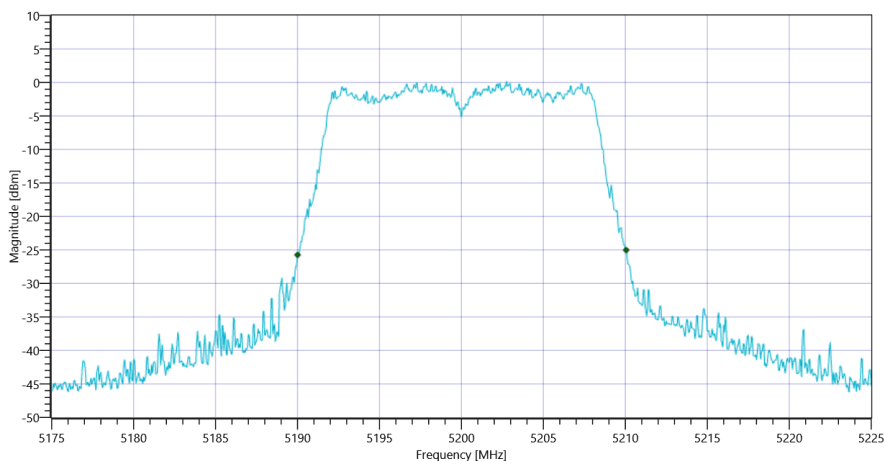
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_24022021_080200.png



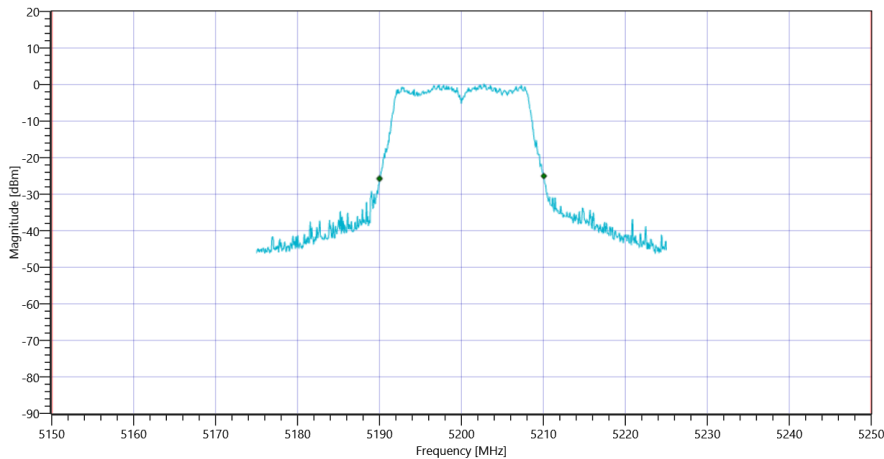
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_080207.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.05	MHz	INFO
T1 26dB	5150.000000	---	5190.0000	MHz	PASS
T2 26dB	---	5250.000000	5210.0500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_24022021_080214.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_080221.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	24.02.2021 08:06:41
Ambit Temp [°C] Humidity [rel%]	22.4 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

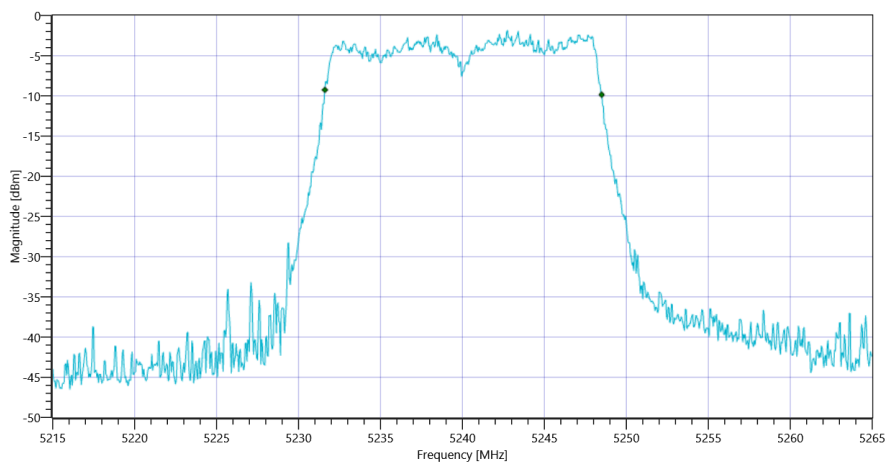
Test at TX 5240 MHz

READ SA SETTINGS:

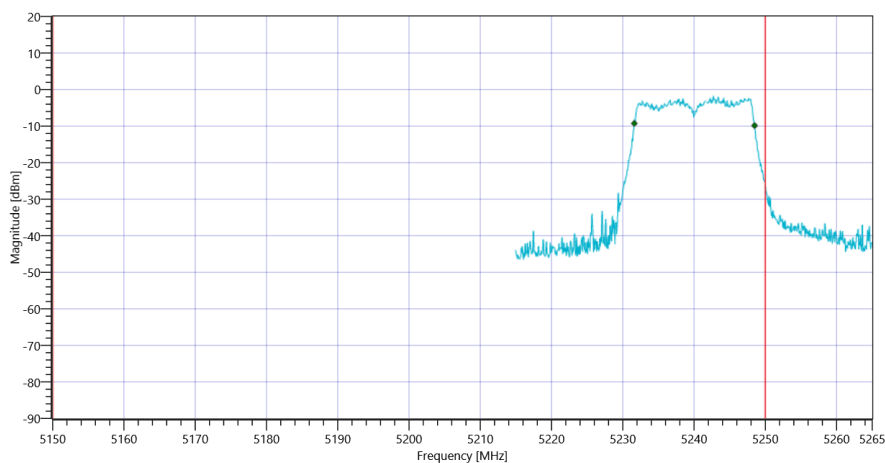
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.91 17.79 10
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.883	MHz	INFO
T1 99%	5150.000000	---	5231.6084	MHz	PASS
T2 99%	---	5250.000000	5248.4915	MHz	PASS



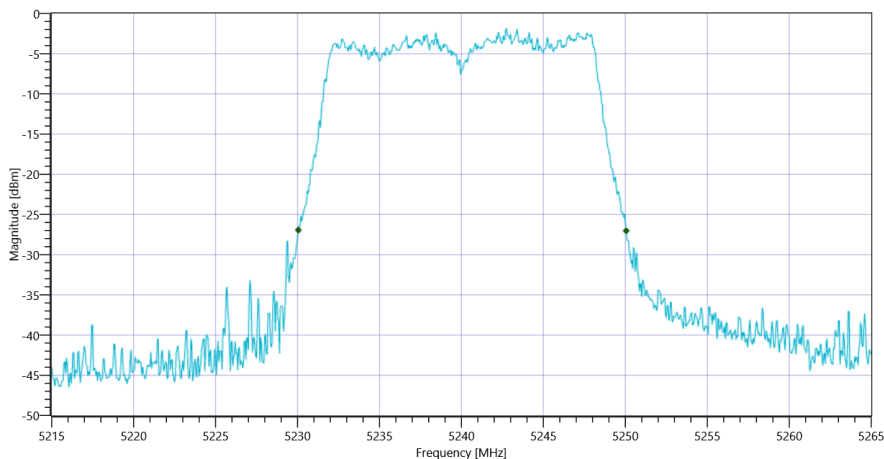
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_24022021_080707.png



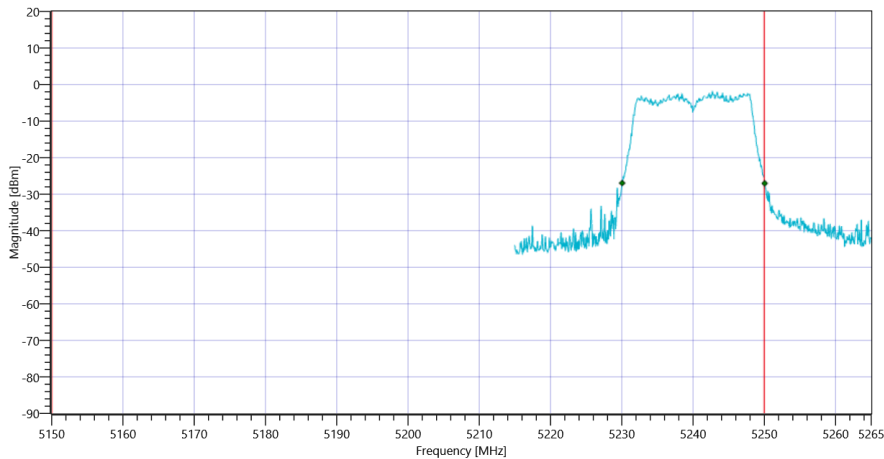
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_080714.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20	MHz	INFO
T1 26dB	5150.000000	---	5230.0500	MHz	PASS
T2 26dB	---	5250.000000	5250.0500	MHz	DFS required



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_24022021_080721.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_24022021_080728.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	24.02.2021 09:19:56
Ambit Temp [°C] Humidity [rel%]	22.0 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

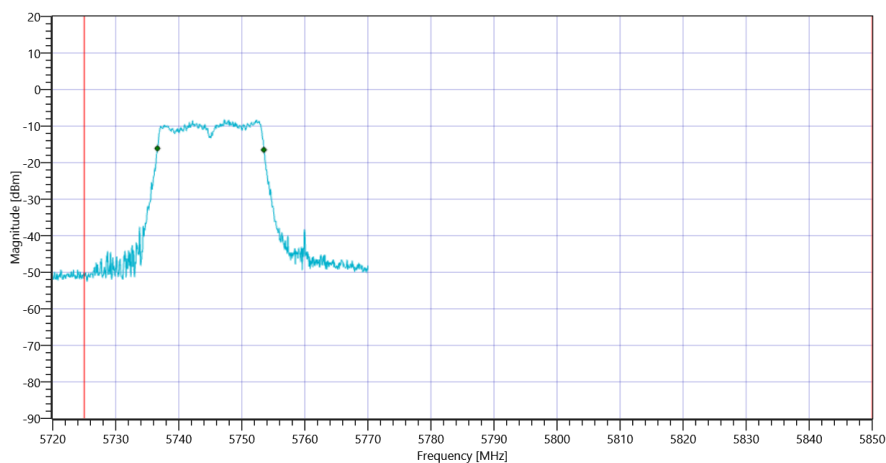
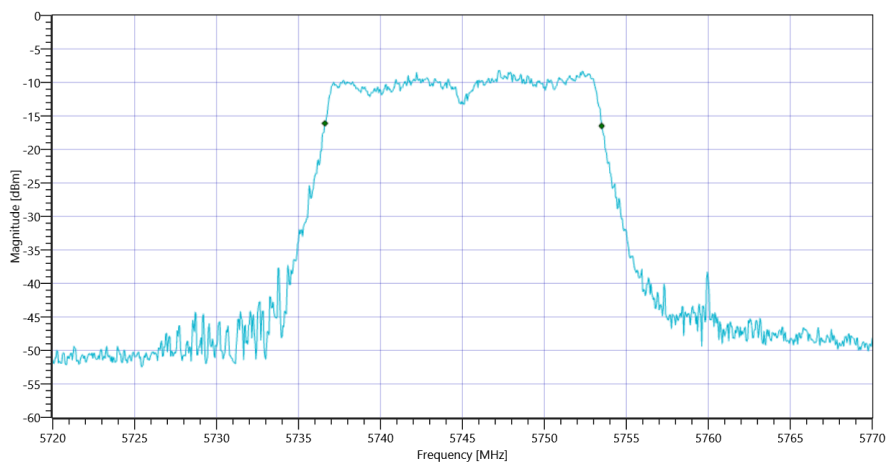
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	4.11 17.86 5
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

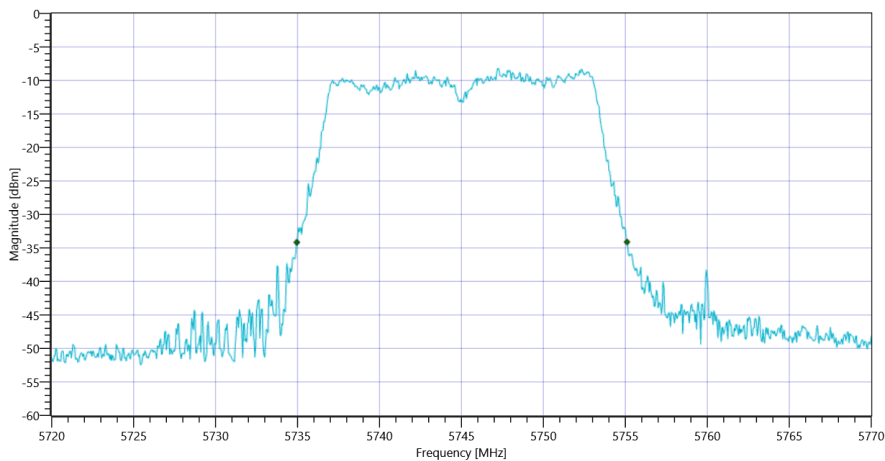
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.883	MHz	INFO
T1 99%	5725.000000	---	5736.6084	MHz	PASS
T2 99%	---	5850.000000	5753.4915	MHz	PASS

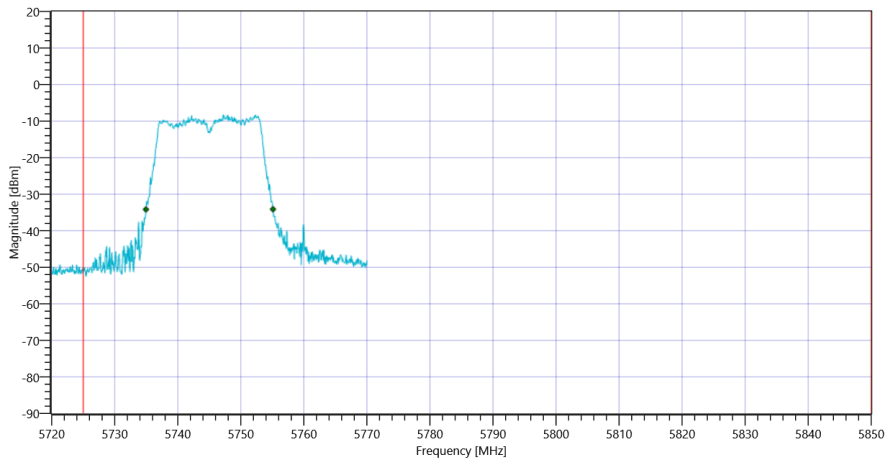


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.15	MHz	INFO
T1 26dB	5725.000000	---	5734.9500	MHz	PASS
T2 26dB	---	5850.000000	5755.1000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_24022021_092036.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_24022021_092042.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	24.02.2021 09:30:42
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

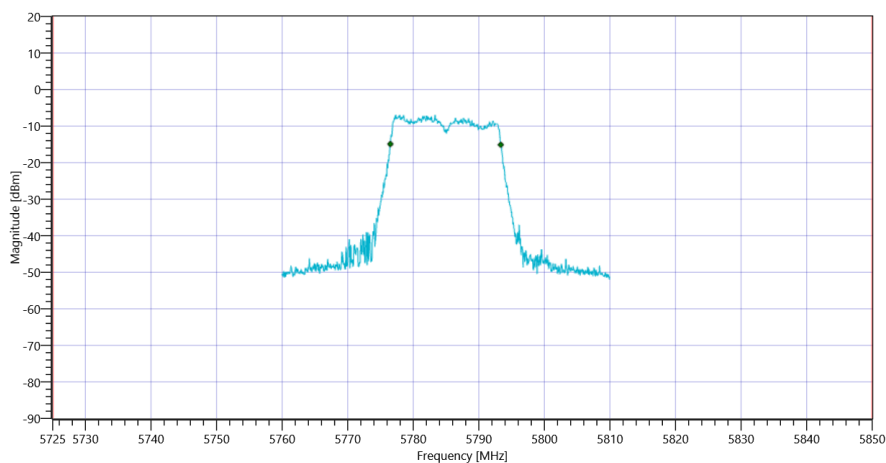
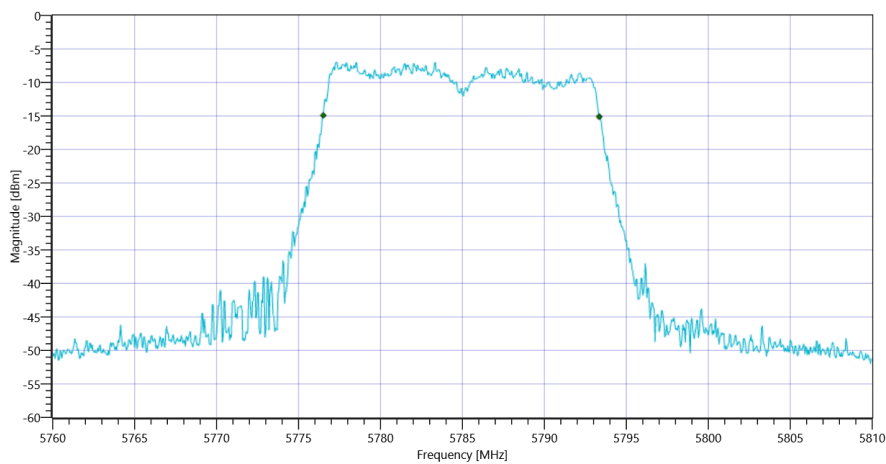
Test at TX 5785 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	6.12 17.92 5
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

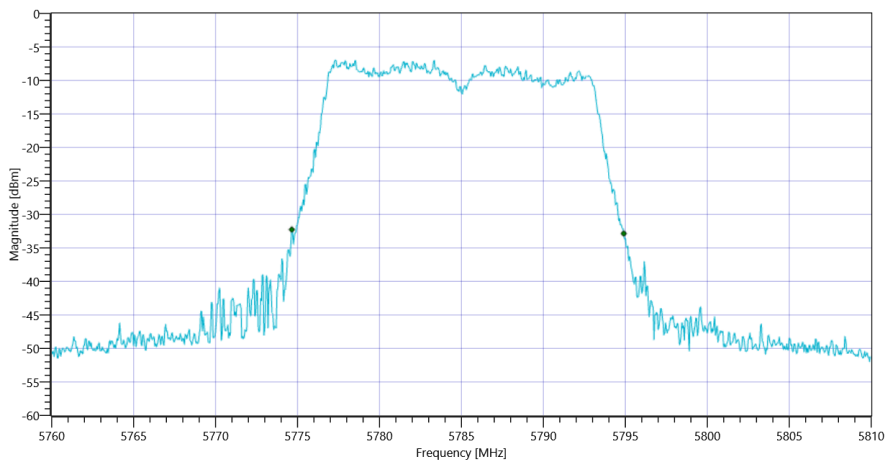
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.833	MHz	INFO
T1 99%	5725.000000	---	5776.5085	MHz	PASS
T2 99%	---	5850.000000	5793.3417	MHz	PASS

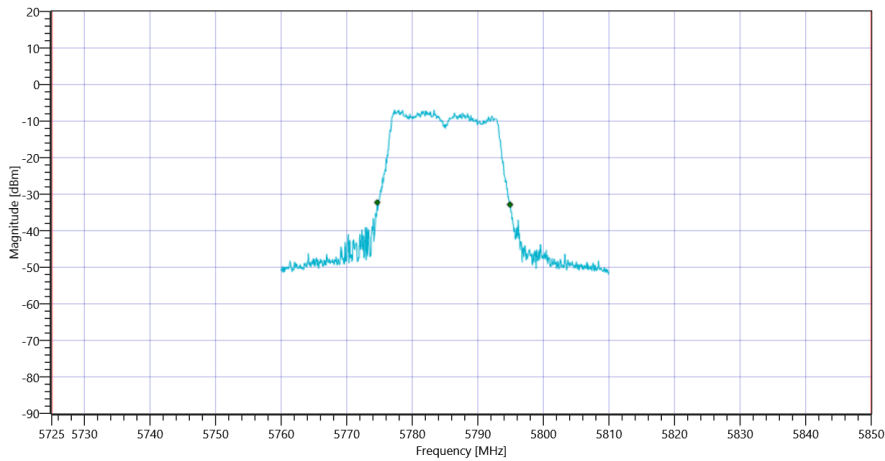


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.25	MHz	INFO
T1 26dB	5725.000000	---	5774.6500	MHz	PASS
T2 26dB	---	5850.000000	5794.9000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_24022021_093122.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_24022021_093129.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	24.02.2021 09:38:47
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
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	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

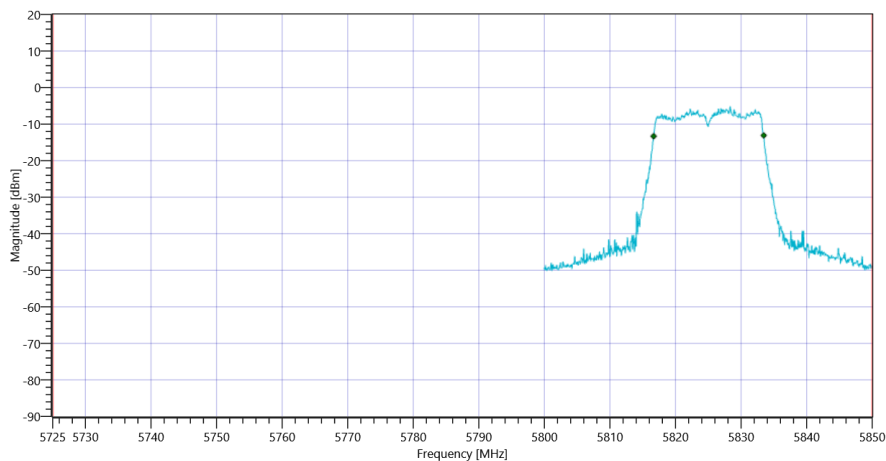
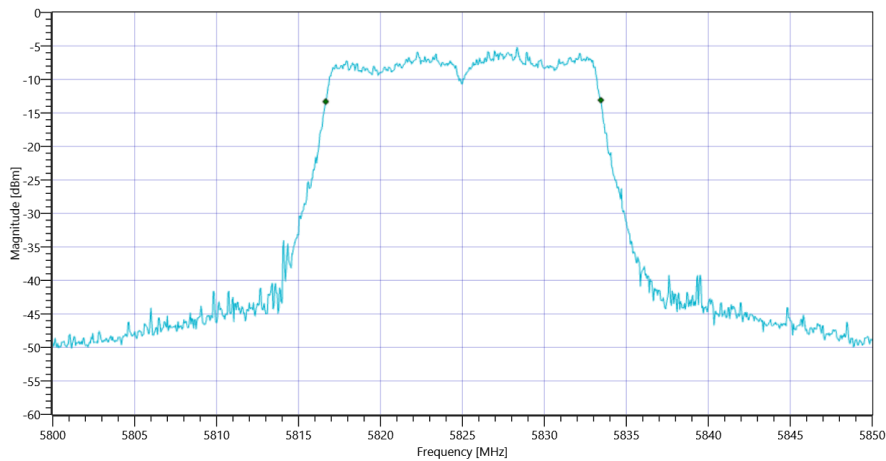
Test at TX 5825 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.05 17.94 10
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

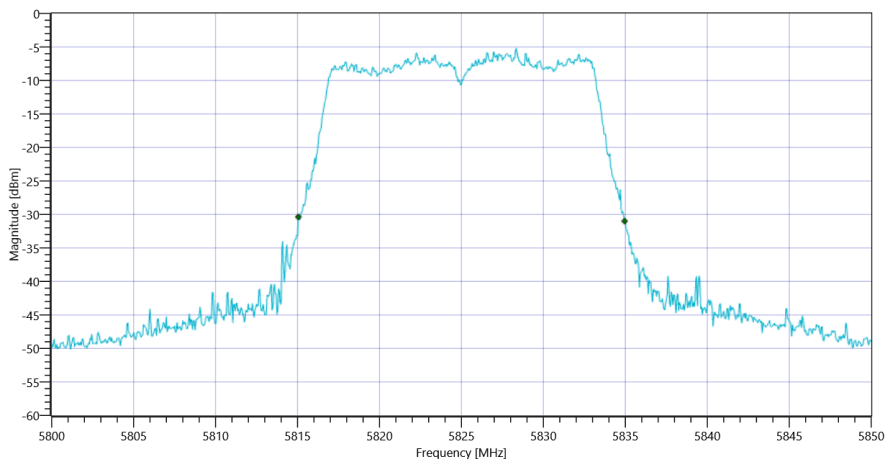
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.783	MHz	INFO
T1 99%	5725.000000	---	5816.6583	MHz	PASS
T2 99%	---	5850.000000	5833.4416	MHz	PASS

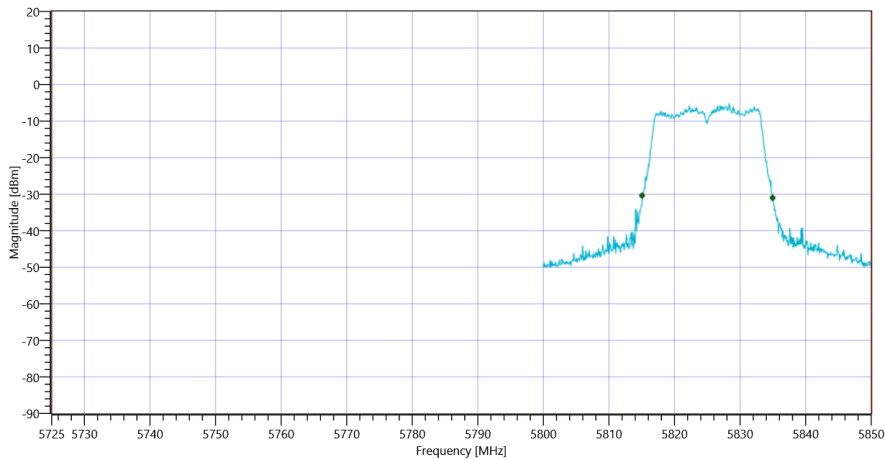


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.9	MHz	INFO
T1 26dB	5725.000000	---	5815.0500	MHz	PASS
T2 26dB	---	5850.000000	5834.9500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_24022021_093933.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_24022021_093940.png

TEST FINISHED	
General Verdict	PASS

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

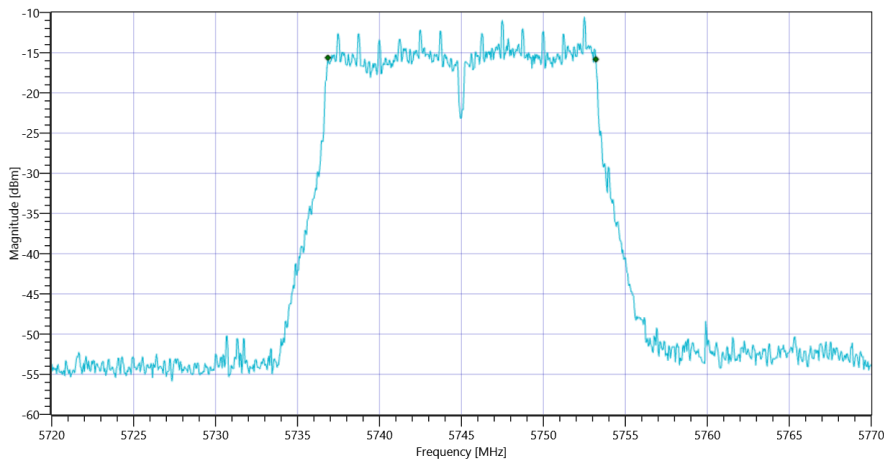
Test References	
TC Start	24.02.2021 09:20:48
Ambit Temp [°C] Humidity [rel%]	22.0 35
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - 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]	8.29 17.86 10
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					
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_24022021_092130.png

TEST FINISHED	
General Verdict	PASS

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

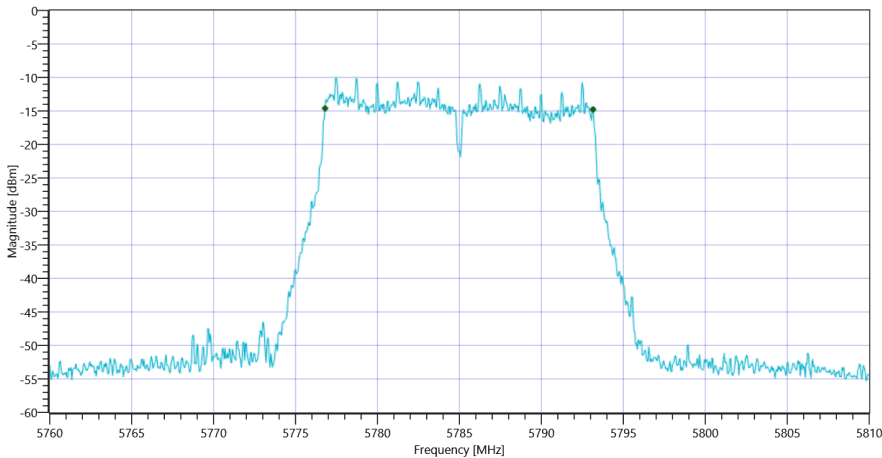
Test References	
TC Start	24.02.2021 09:31:34
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

Test at TX 5785 MHz

READ SA SETTINGS:		
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.70 17.92 10	
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					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	16.35	MHz	PASS



TEST FINISHED	
General Verdict	PASS

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

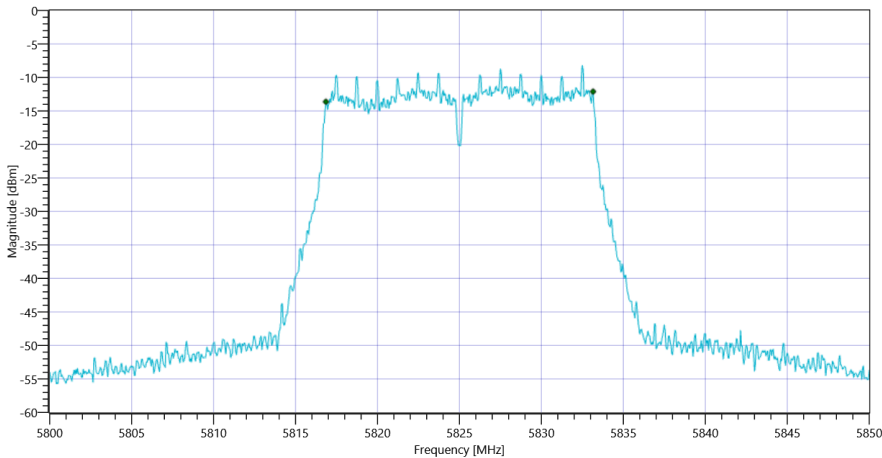
Test References	
TC Start	24.02.2021 09:39:45
Ambit Temp [°C] Humidity [rel%]	22.0 36
System Version	2.0.0.2
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

Test at TX 5825 MHz

READ SA SETTINGS:		
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.40 17.94 10	
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					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	16.3	MHz	PASS



TEST FINISHED	
General Verdict	PASS

- END OF DOCUMENT -