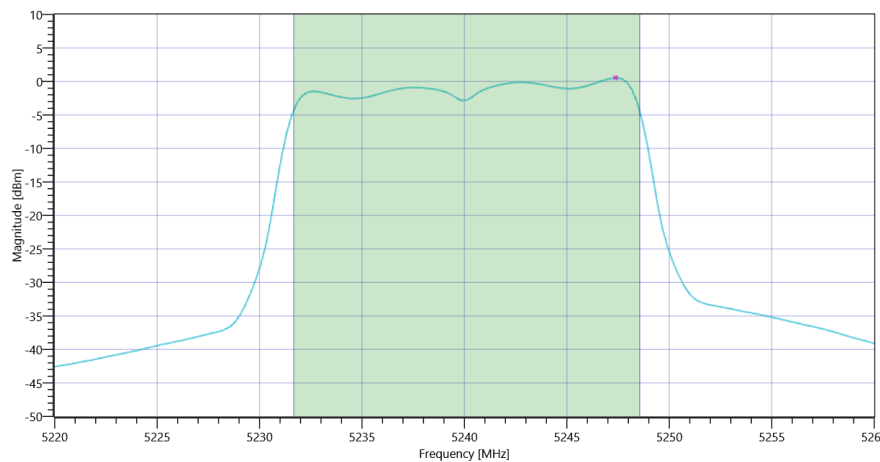


RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	10.84	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	10.84	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.28	10.84	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-1 Max OP and PSD_18082021_092255.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	0.55	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	0.55	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

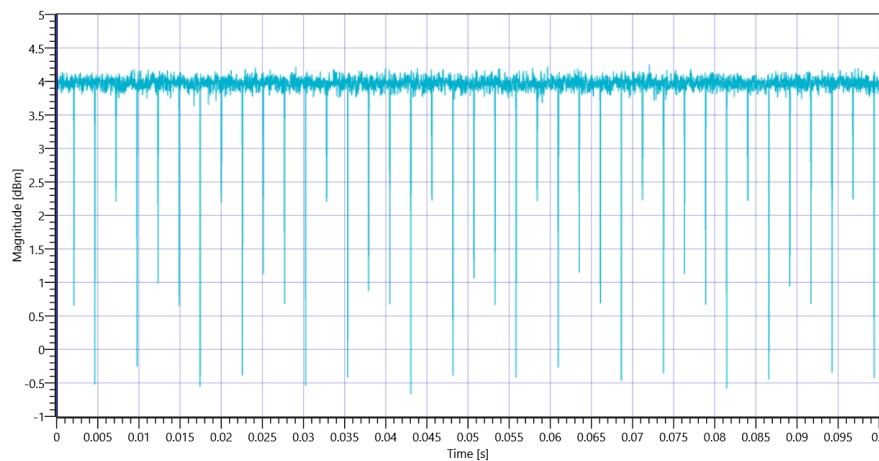
20. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:27:17
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

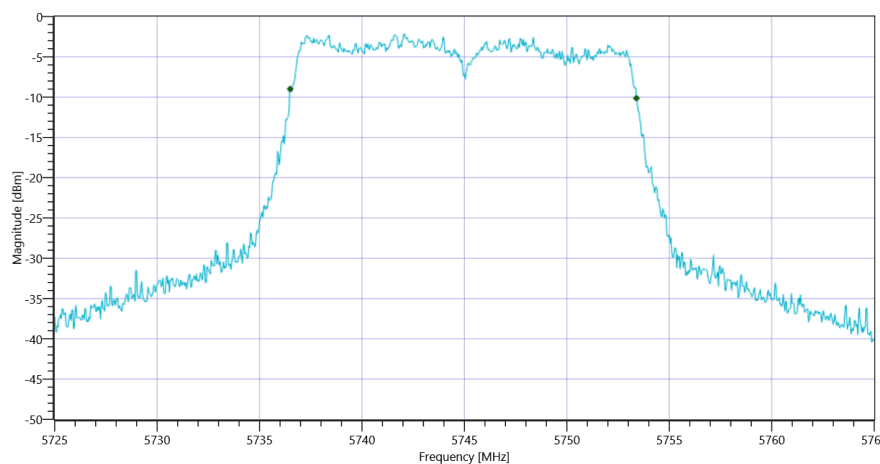
Test at TX 5745 MHz

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_18082021_092736.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.903	MHz	INFO
T1 99%	---	---	5736.4885	MHz	INFO
T2 99%	---	---	5753.3916	MHz	INFO

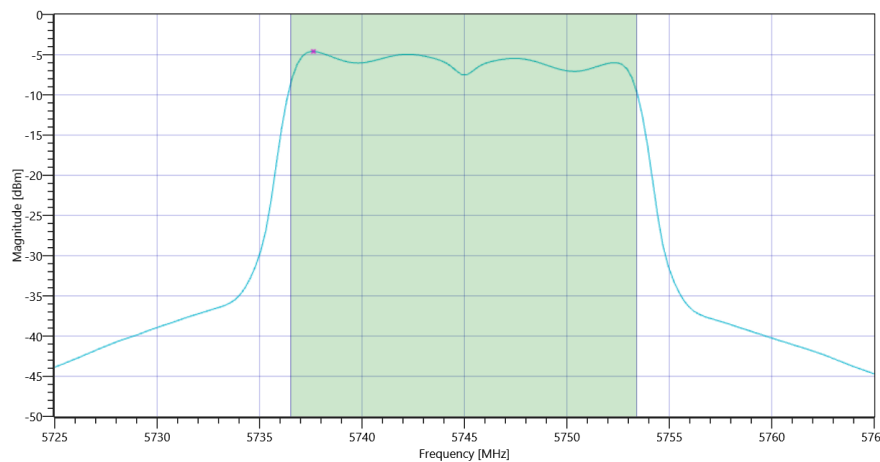


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_18082021_092747.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.95 18.38 15
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

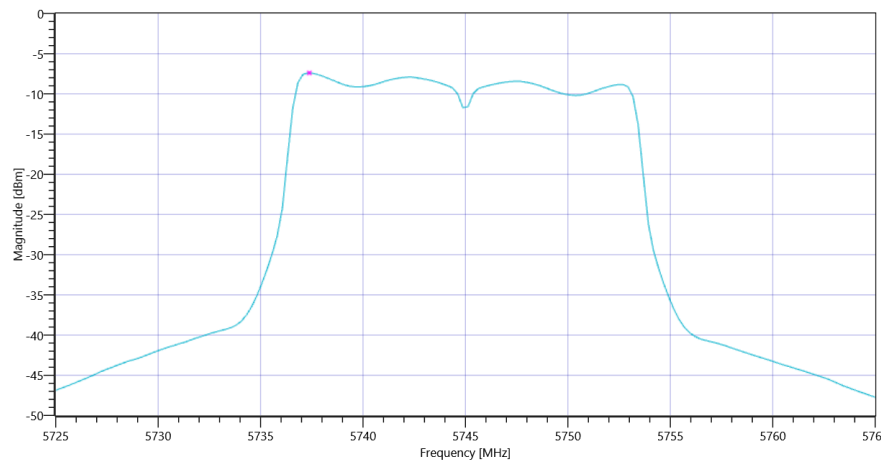
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.07	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	6.07	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.28	6.07	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD_18082021_092851.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.95 18.38 15
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	---	---	-7.39	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-7.39	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_18082021_092955.png

TEST FINISHED

General Verdict

PASS

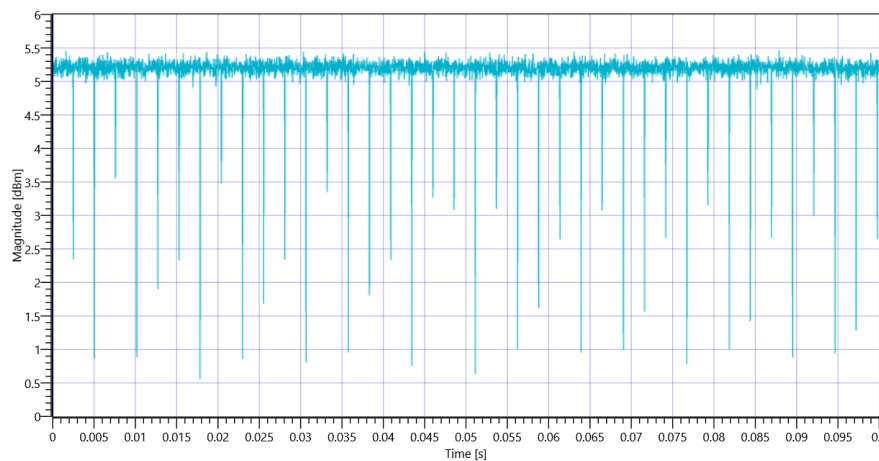
21. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:40:43
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

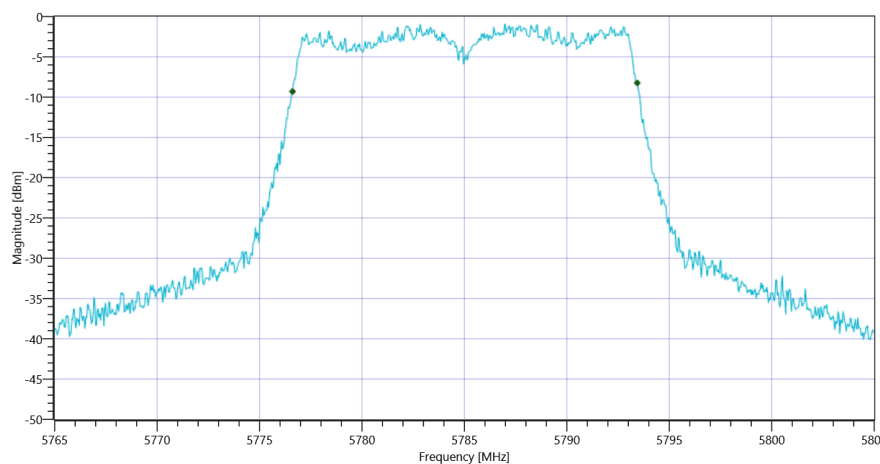
Test at TX 5785 MHz

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_18082021_094102.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.823	MHz	INFO
T1 99%	---	---	5776.6084	MHz	INFO
T2 99%	---	---	5793.4316	MHz	INFO

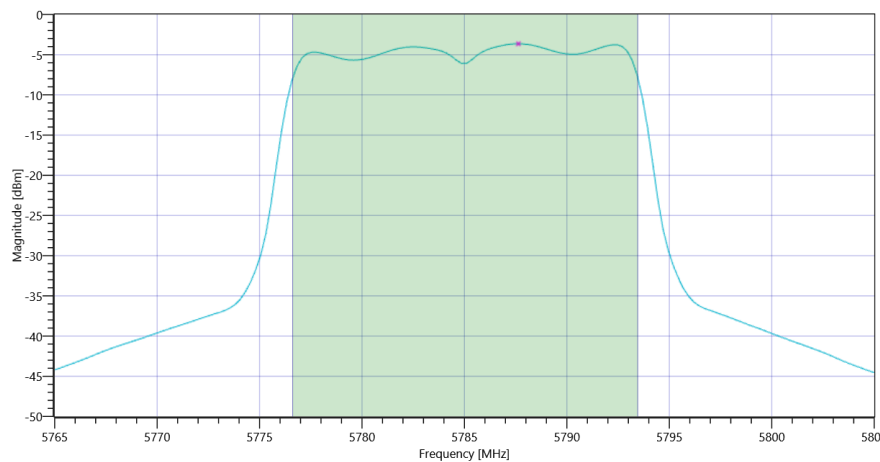


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_18082021_094113.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.03 18.6 15
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

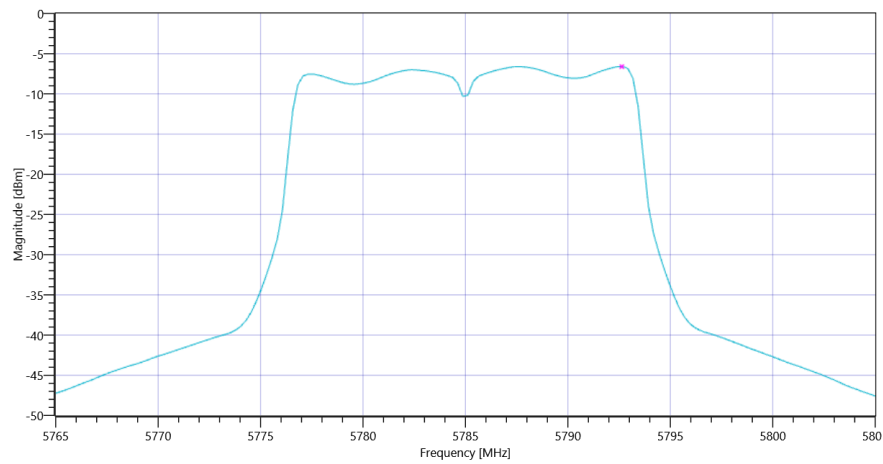
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.32	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	7.32	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.26	7.32	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD_18082021_094218.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.03 18.6 15
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	---	---	-6.6	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-6.6	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_18082021_094322.png

TEST FINISHED

General Verdict

PASS

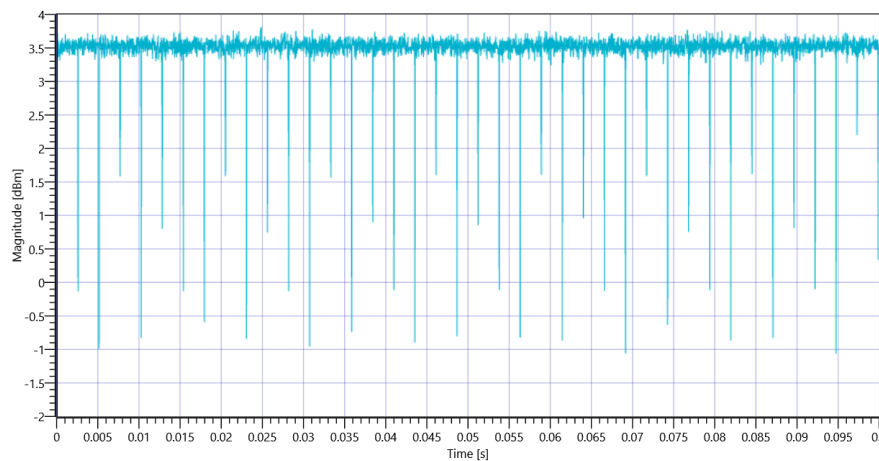
22. ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:48:36
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

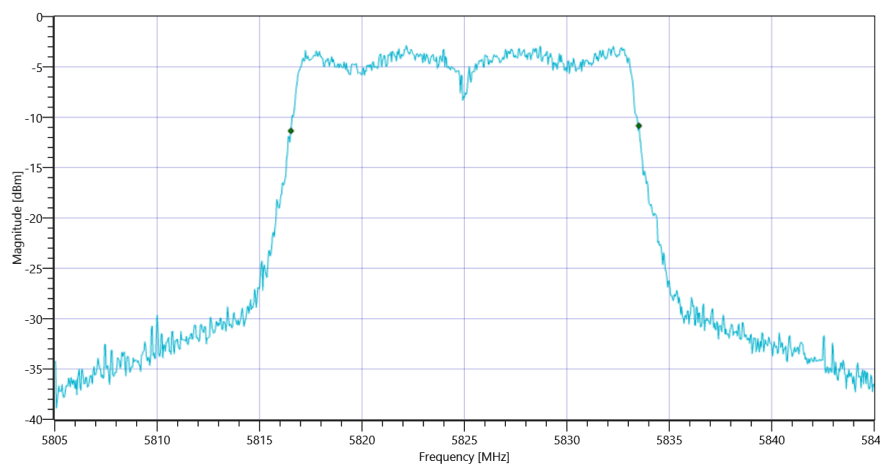
Test at TX 5825 MHz

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_18082021_094855.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.983	MHz	INFO
T1 99%	---	---	5816.5285	MHz	INFO
T2 99%	---	---	5833.5115	MHz	INFO

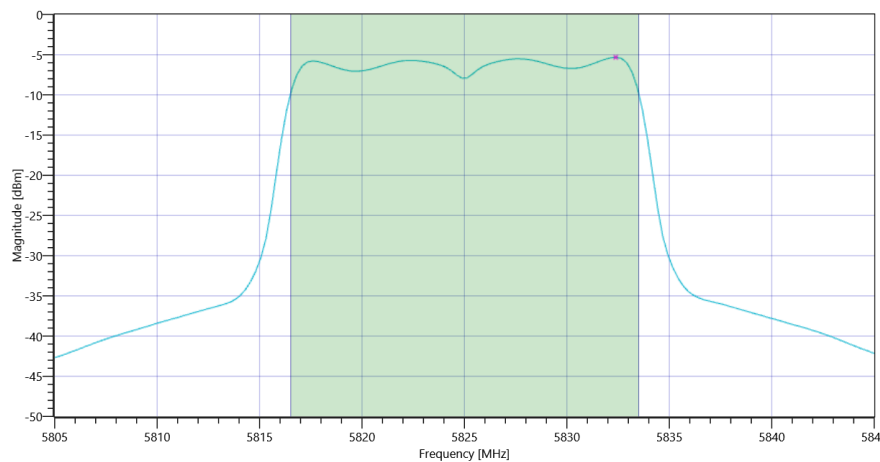


Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 BW_18082021_094906.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.41 18.82 15
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

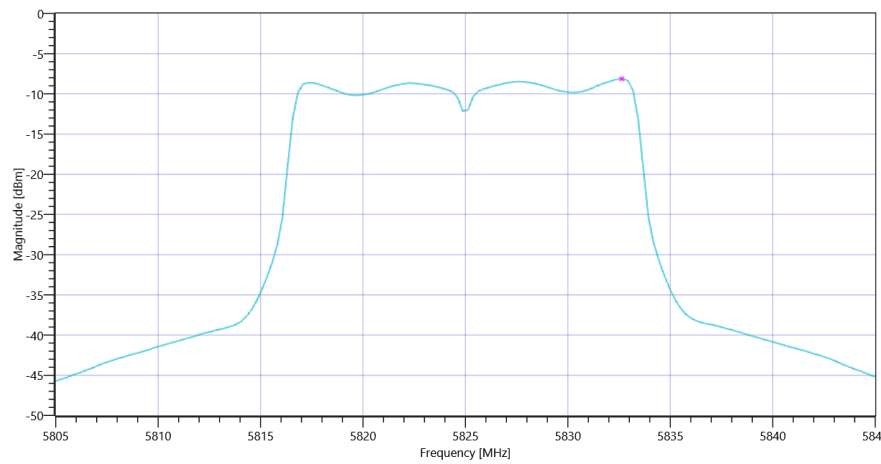
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	5.71	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	5.71	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.3	5.71	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 Max OP and PSD_18082021_095011.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.41 18.82 15
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	---	---	-8.13	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-8.13	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx a mode U-NII-3 PSD UNII-3_18082021_095115.png

TEST FINISHED

General Verdict

PASS

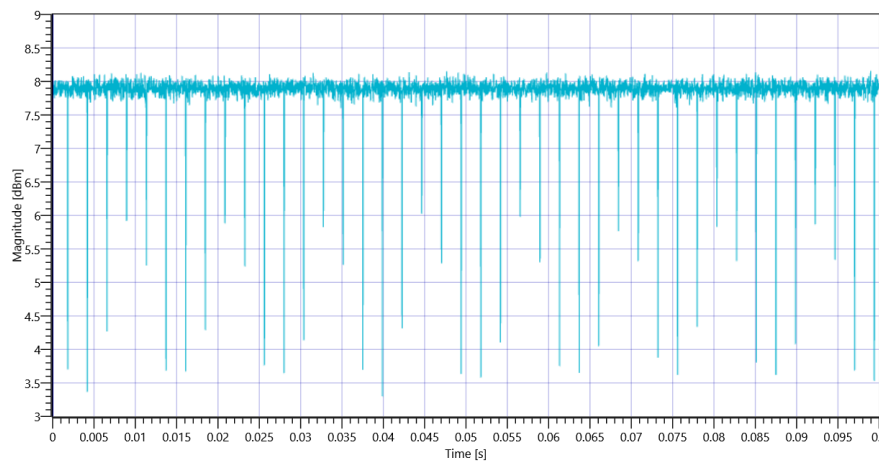
23. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:03:44
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

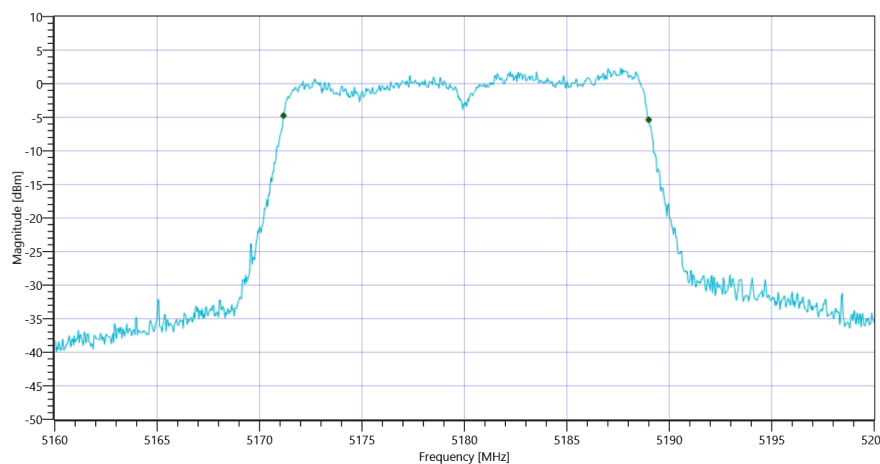
Test at TX 5180 MHz

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 n-HT20 mode U-NII-1 5180 MHz - DutyCycle_18082021_100403.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.822	MHz	INFO
T1 99%	---	---	5171.1688	MHz	INFO
T2 99%	---	---	5188.9910	MHz	INFO

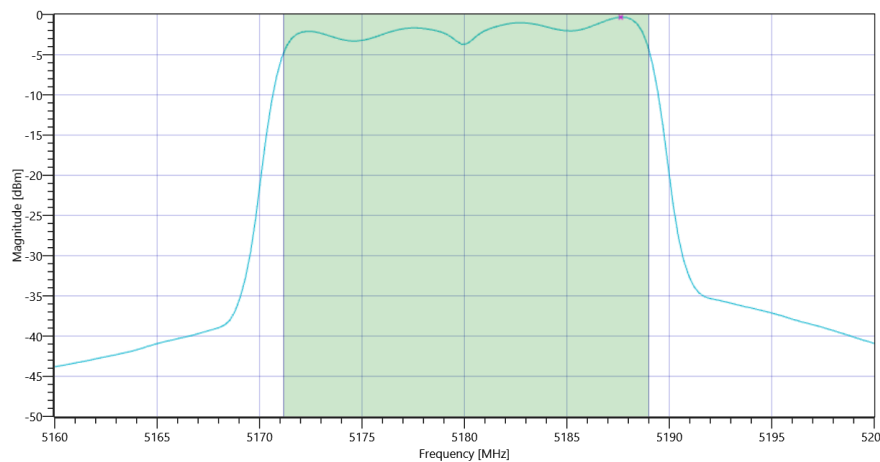


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1 BW_18082021_100418.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.72 18.39 20
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	---	---	10.26	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	10.26	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.51	10.26	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-0.34	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-0.34	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

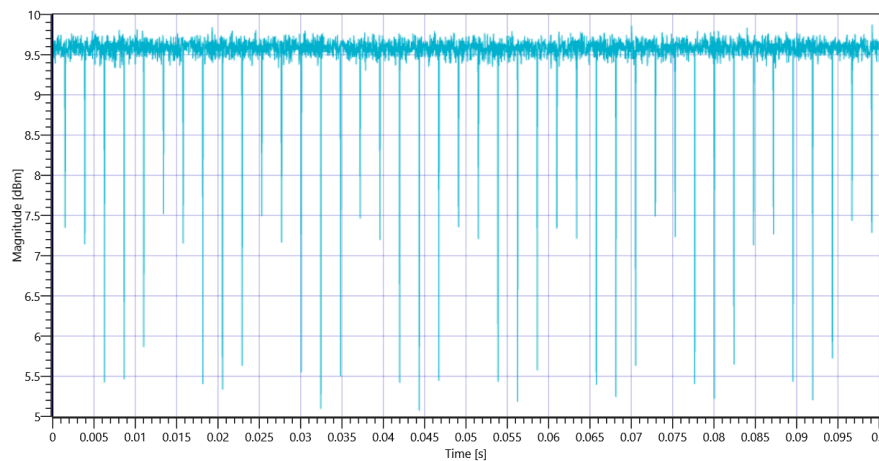
24. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:20:58
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

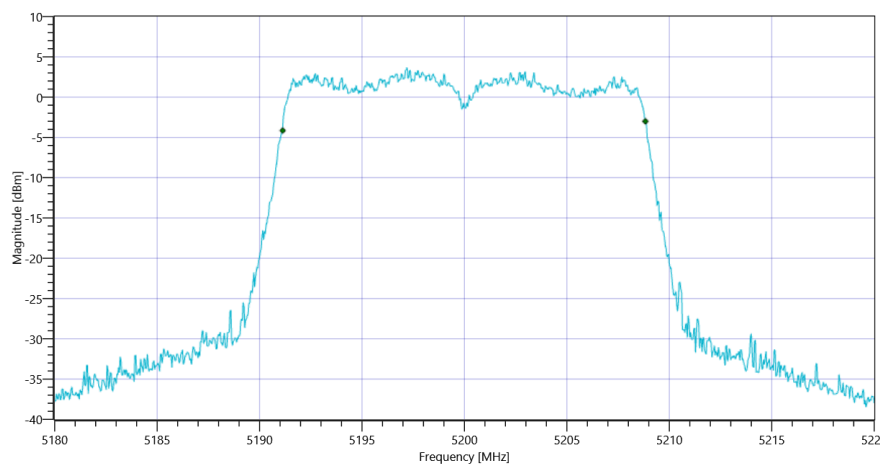
Test at TX 5200 MHz

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 n-HT20 mode U-NII-1 5200 MHz - DutyCycle_18082021_102116.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.702	MHz	INFO
T1 99%	---	---	5191.1289	MHz	INFO
T2 99%	---	---	5208.8312	MHz	INFO

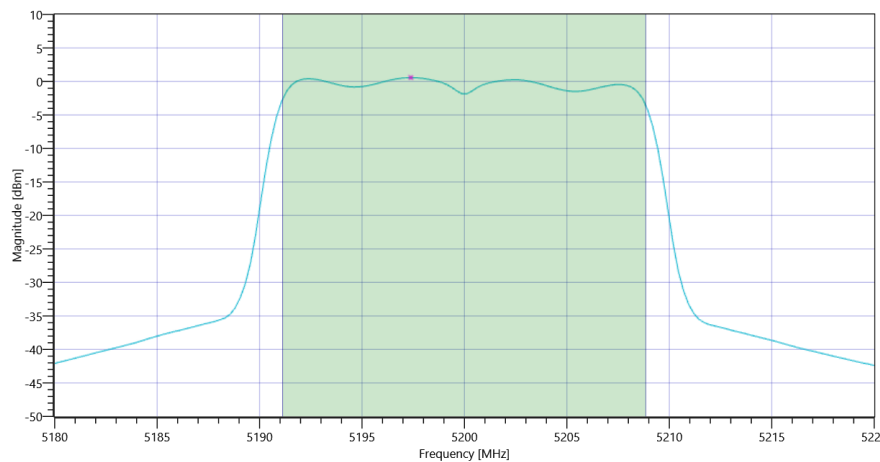


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1 BW_18082021_102128.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	20.91 18.71 20
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	---	---	11.77	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	11.77	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.48	11.77	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	0.58	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	0.58	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

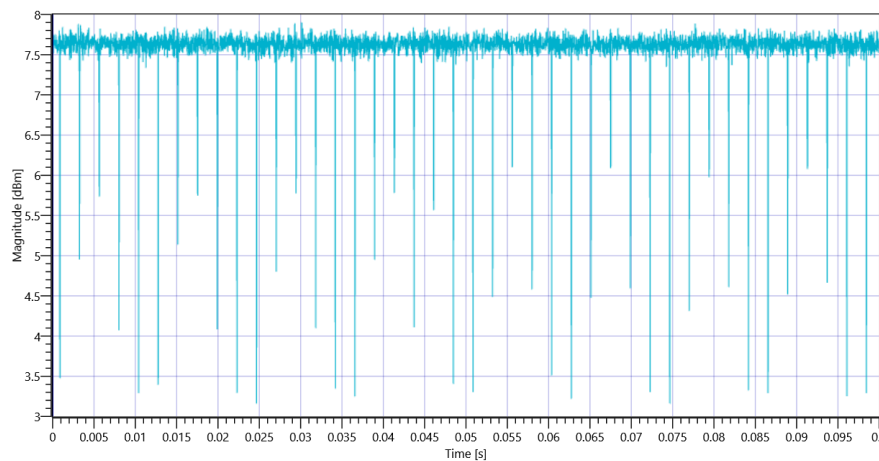
25. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:26:02
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

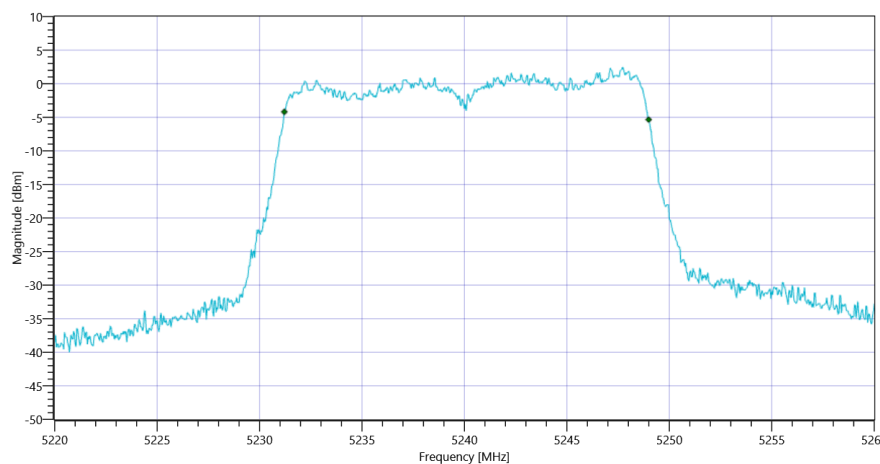
Test at TX 5240 MHz

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 n-HT20 mode U-NII-1 5240 MHz - DutyCycle_18082021_102620.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.782	MHz	INFO
T1 99%	---	---	5231.2088	MHz	INFO
T2 99%	---	---	5248.9910	MHz	INFO

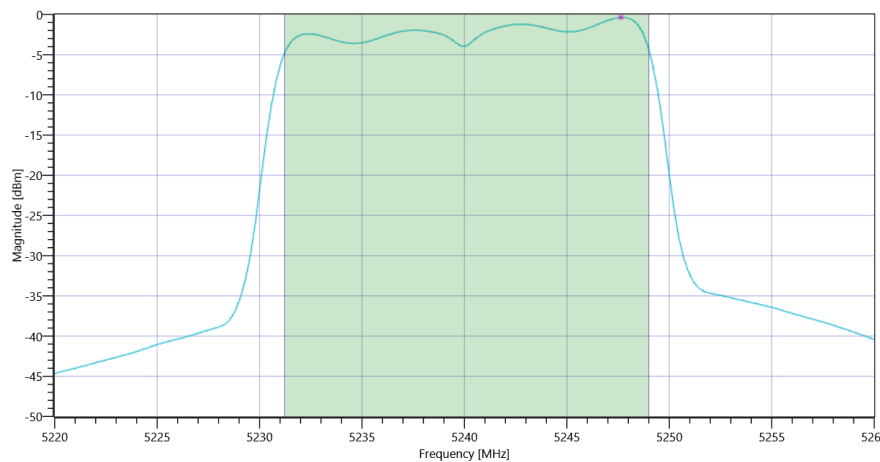


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-1 BW_18082021_102632.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.50 18.83 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	---	---	10.06	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	10.06	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.5	10.06	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-0.36	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-0.36	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

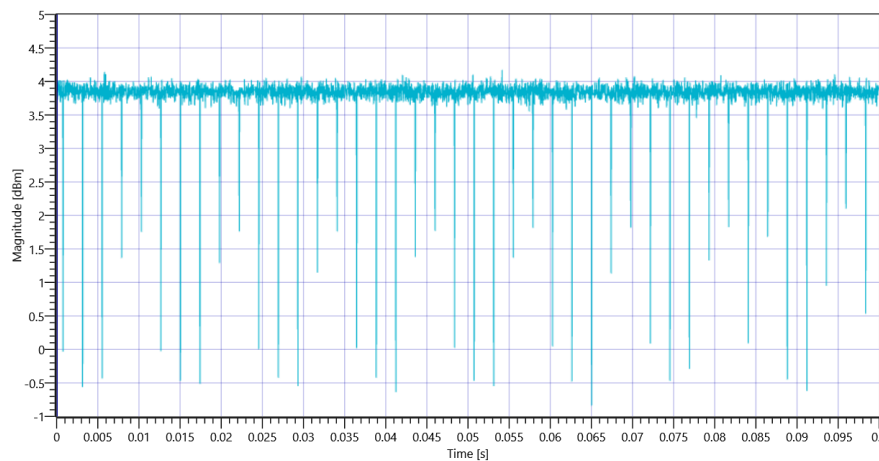
26. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:31:59
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

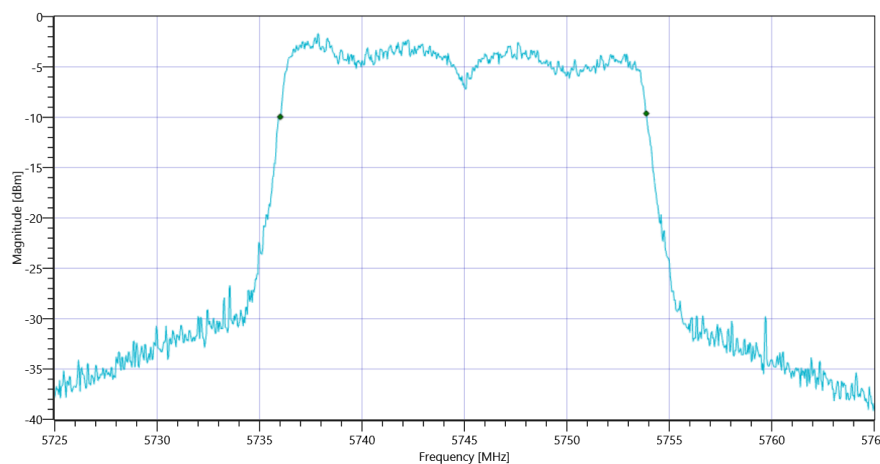
Test at TX 5745 MHz

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 n-HT20 mode U-NII-3 5745 MHz - DutyCycle_18082021_103218.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.862	MHz	INFO
T1 99%	---	---	5736.0090	MHz	INFO
T2 99%	---	---	5753.8711	MHz	INFO

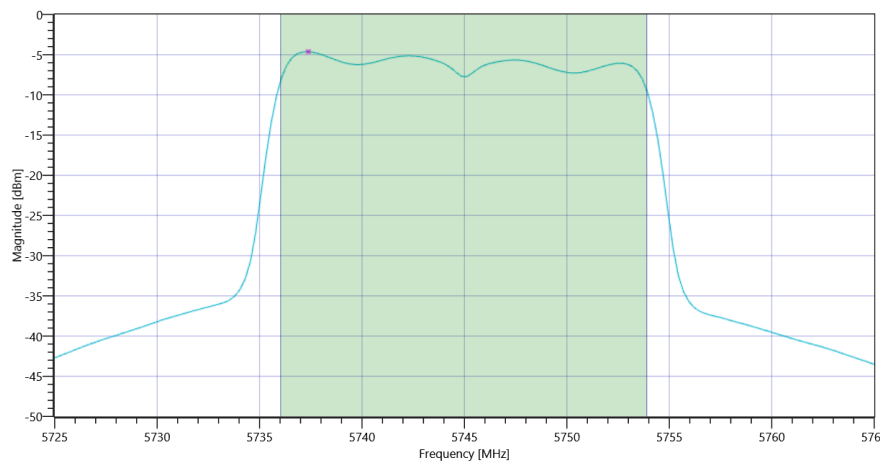


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 BW_18082021_103229.png

READ SA SETTINGS:

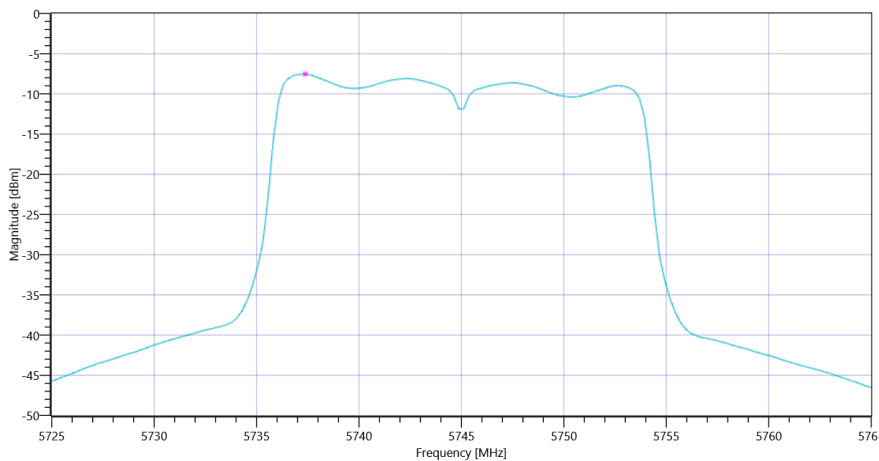
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.78 18.38 15
Start [MHz] Stop [MHz]	5725.000 5765.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.17	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	6.17	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.52	6.17	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.78 18.38 15
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	---	---	-7.53	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-7.53	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 PSD UNII-3_18082021_103437.png

TEST FINISHED	
General Verdict	PASS

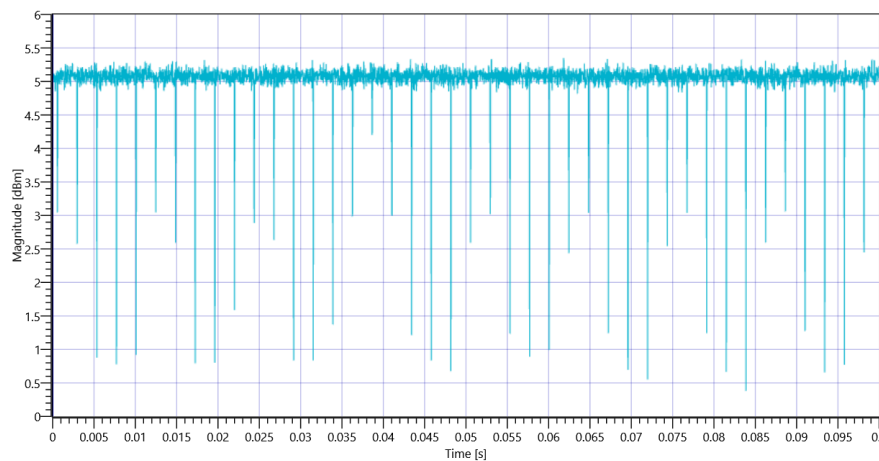
27. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:39:45
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

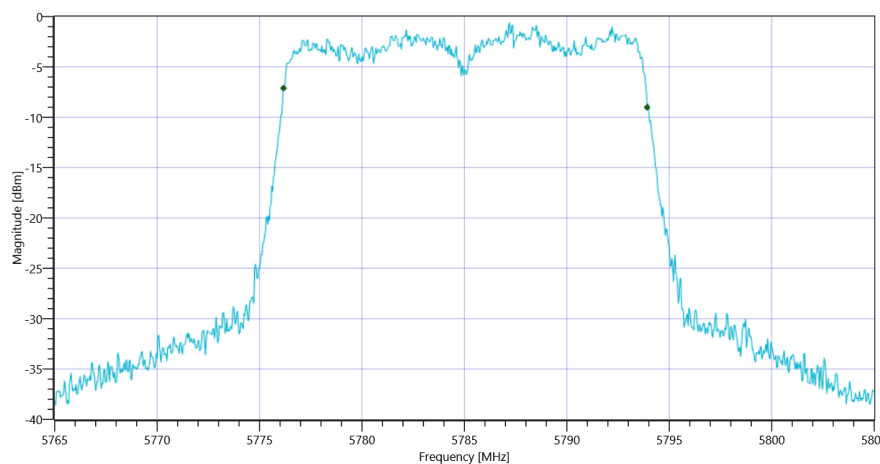
Test at TX 5785 MHz

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 n-HT20 mode U-NII-3 5785 MHz - DutyCycle_18082021_104004.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.742	MHz	INFO
T1 99%	---	---	5776.1688	MHz	INFO
T2 99%	---	---	5793.9111	MHz	INFO

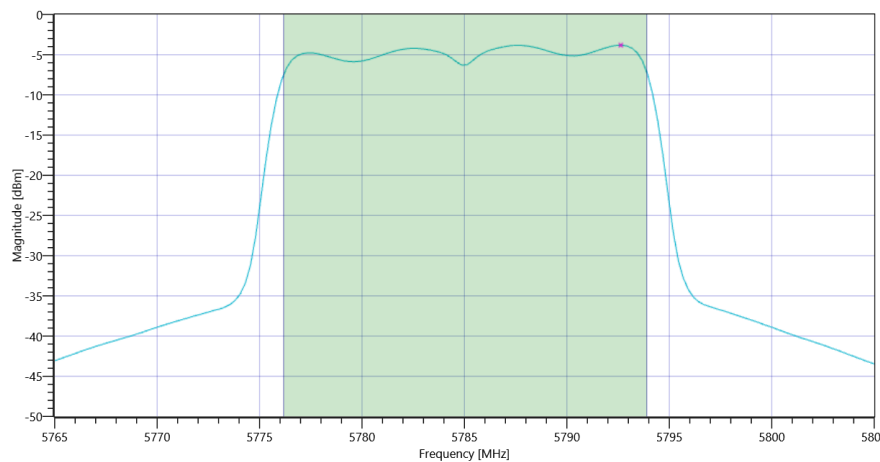


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 BW_18082021_104015.png

READ SA SETTINGS:

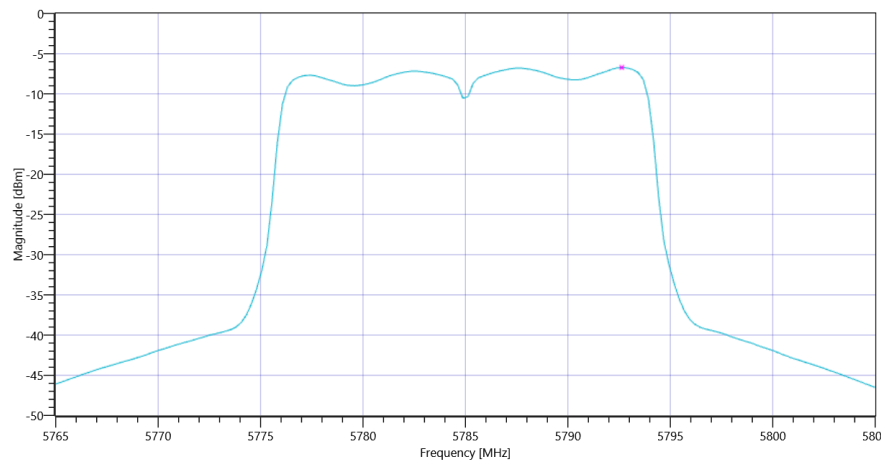
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.99 18.6 15
Start [MHz] Stop [MHz]	5765.000 5805.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.4	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	7.4	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.49	7.4	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.99 18.6 15
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	---	---	-6.72	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-6.72	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 PSD UNII-3_18082021_104224.png

TEST FINISHED

General Verdict

PASS

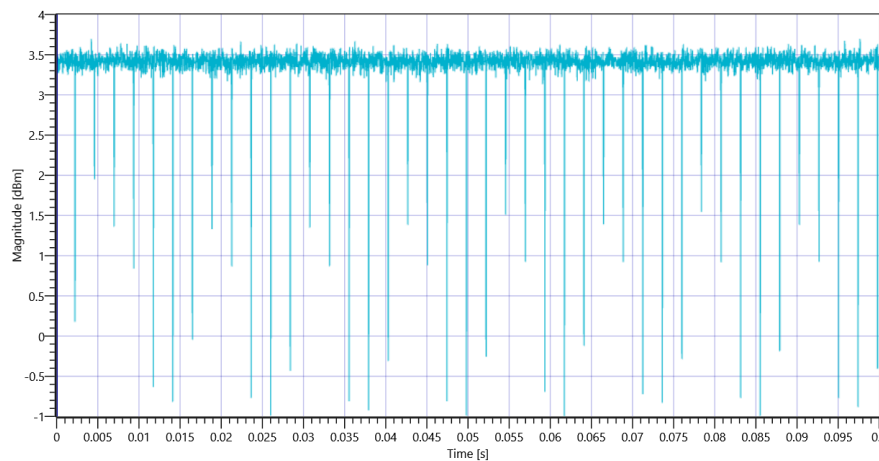
28. ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:47:38
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

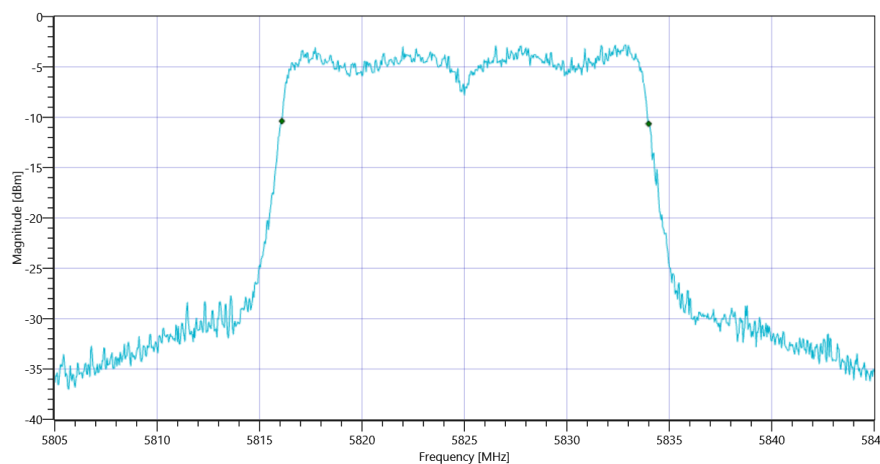
Test at TX 5825 MHz

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 n-HT20 mode U-NII-3 5825 MHz - DutyCycle_18082021_104757.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.902	MHz	INFO
T1 99%	---	---	5816.0889	MHz	INFO
T2 99%	---	---	5833.9910	MHz	INFO

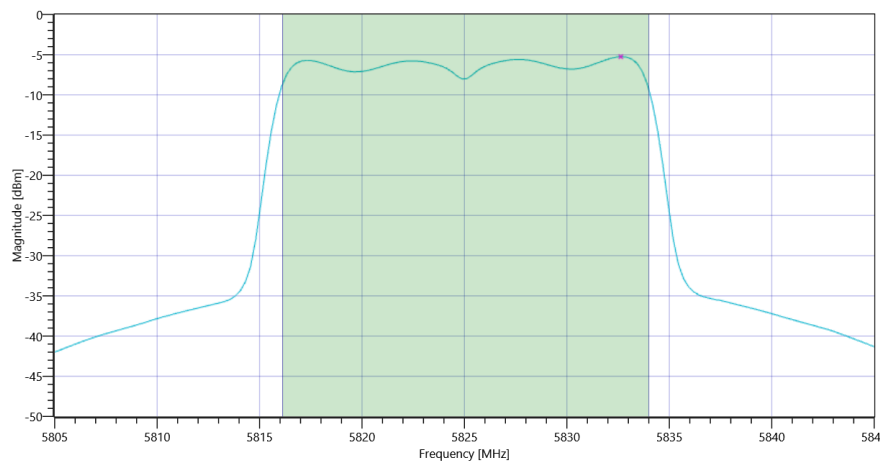


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 BW_18082021_104809.png

READ SA SETTINGS:

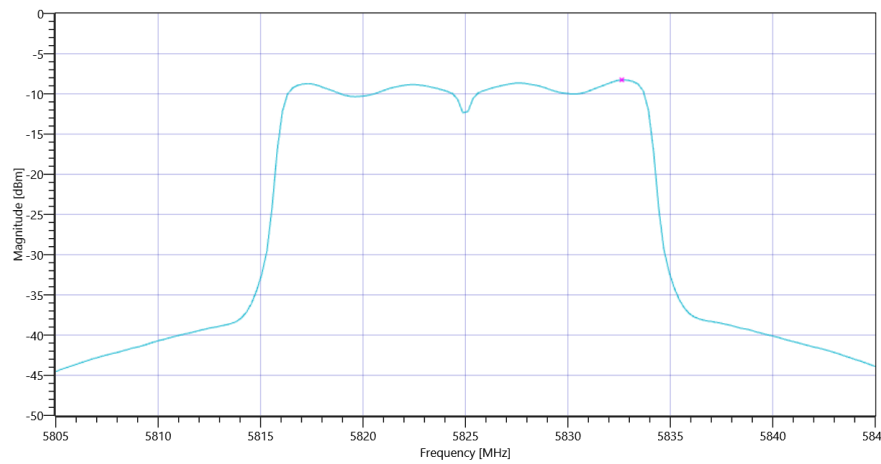
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.65 18.82 10
Start [MHz] Stop [MHz]	5805.000 5845.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	5.93	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	5.93	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	23.53	5.93	dBm	not applicable



READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.65 18.82 15
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	---	---	-8.26	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-8.26	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT20 mode U-NII-3 PSD UNII-3_18082021_105017.png

TEST FINISHED

General Verdict

PASS

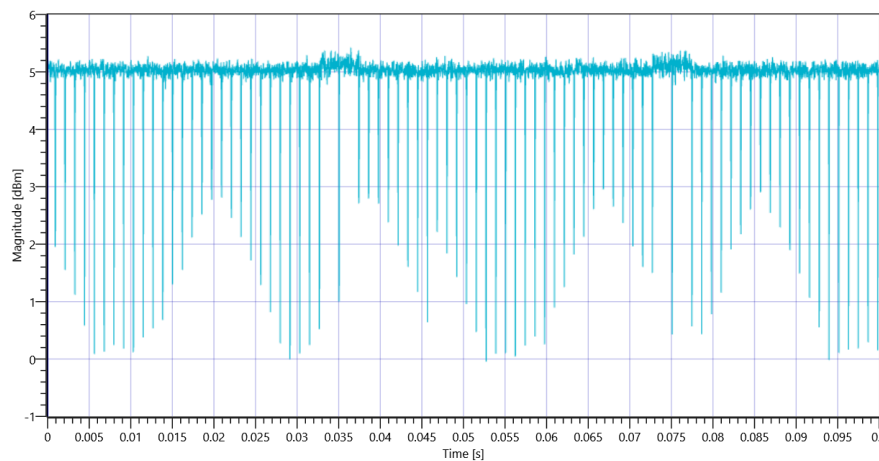
29. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	18.08.2021 10:56:37
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

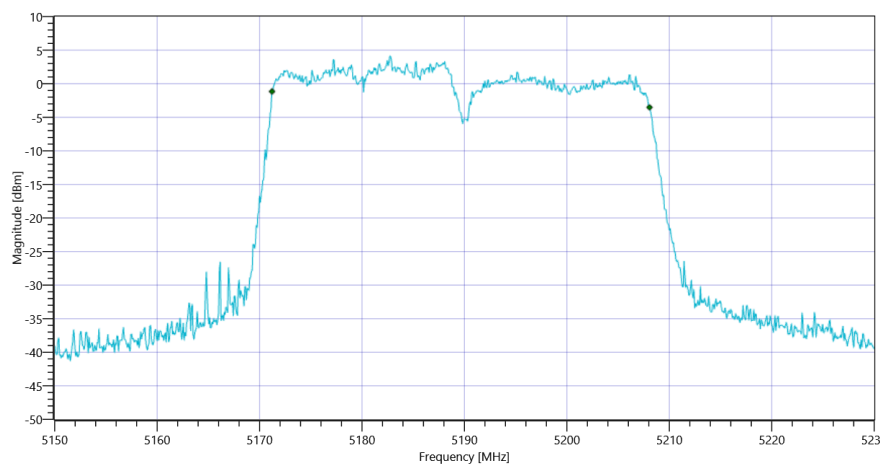
Test at TX 5190 MHz

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 n-HT40 mode U-NII-1 5190 MHz - DutyCycle_18082021_105656.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.843	MHz	INFO
T1 99%	---	---	5171.2188	MHz	INFO
T2 99%	---	---	5208.0619	MHz	INFO

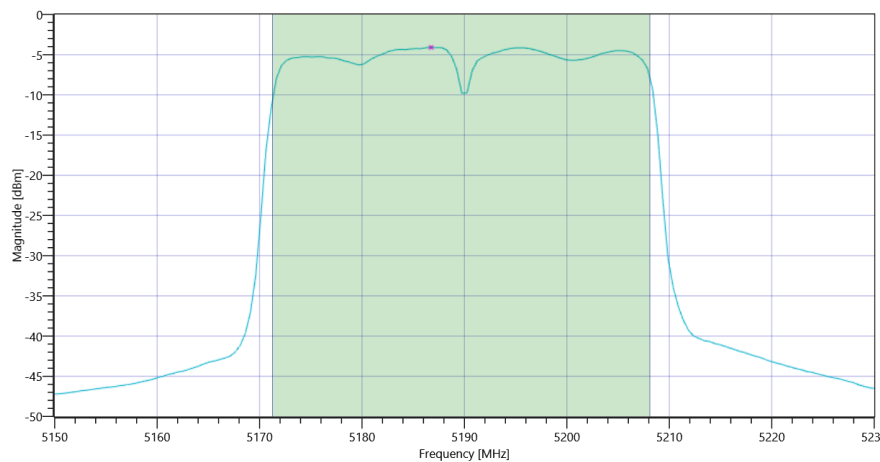


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_18082021_105710.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.14 18.55 15
Start [MHz] Stop [MHz]	5150.000 5230.000
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	---	---	10.22	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	10.22	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.66	10.22	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.09	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.09	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

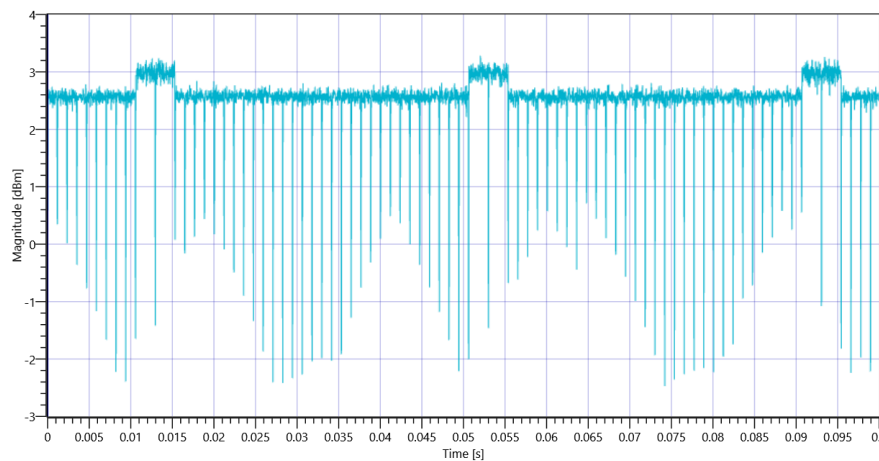
30. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	18.08.2021 11:05:06
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

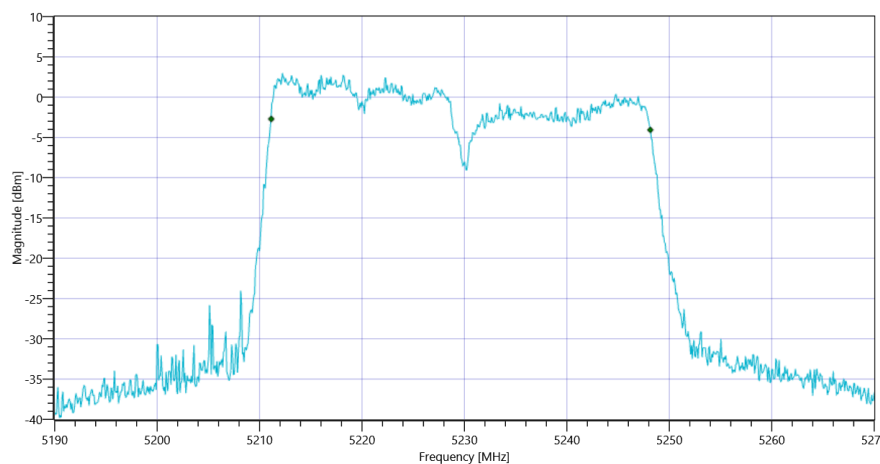
Test at TX 5230 MHz

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 n-HT40 mode U-NII-1 5230 MHz - DutyCycle_18082021_110525.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	37.003	MHz	INFO
T1 99%	---	---	5211.1389	MHz	INFO
T2 99%	---	---	5248.1419	MHz	INFO

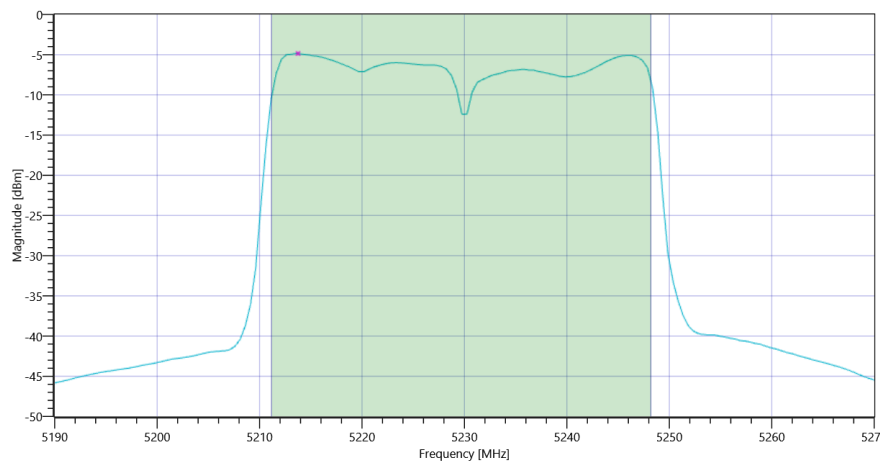


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_18082021_110539.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.74 18.82 15
Start [MHz] Stop [MHz]	5190.000 5270.000
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	---	---	8.87	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.87	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.68	8.87	dBm	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-4.84	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	11	-4.84	dBm/1MHz	PASS

TEST FINISHED	
General Verdict	PASS

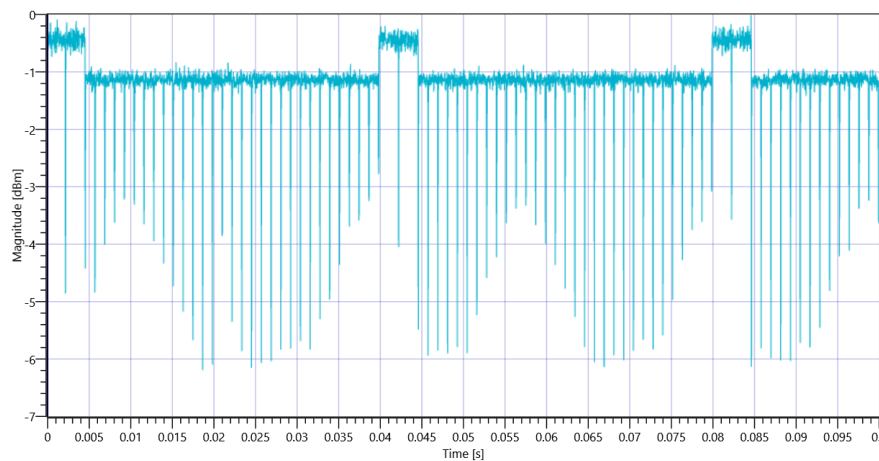
31. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	18.08.2021 11:11:19
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

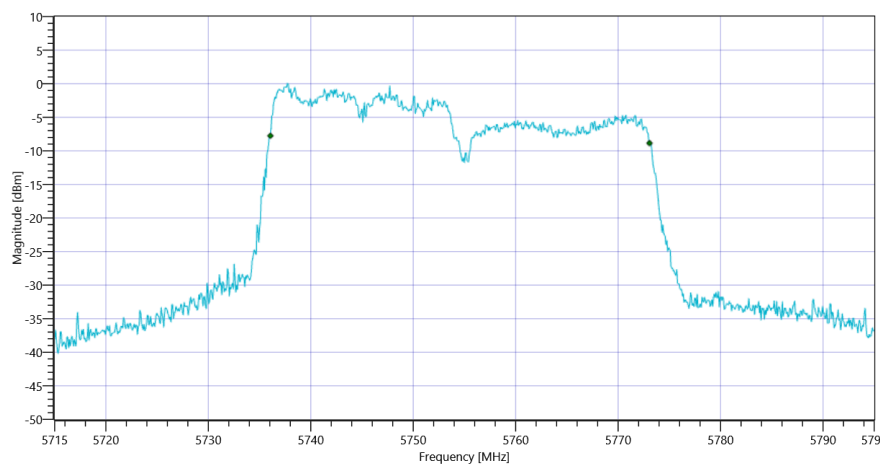
Test at TX 5755 MHz

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 n-HT40 mode U-NII-3 5755 MHz - DutyCycle_18082021_111137.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	37.003	MHz	INFO
T1 99%	---	---	5736.0589	MHz	INFO
T2 99%	---	---	5773.0619	MHz	INFO

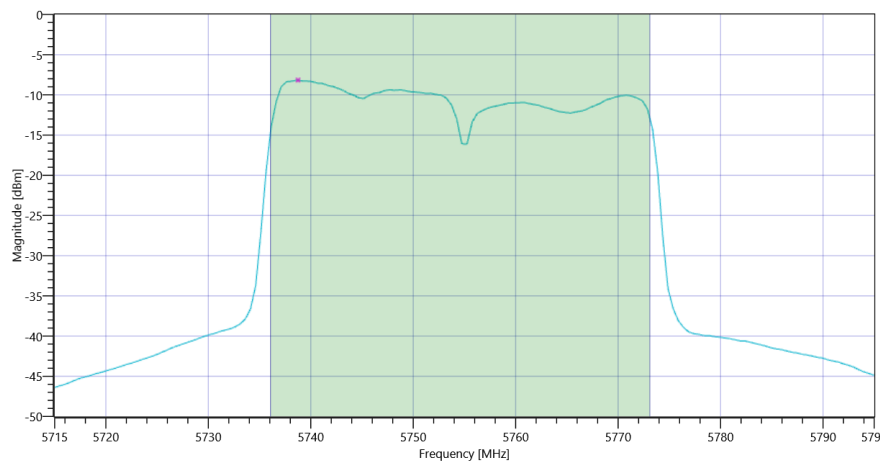


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_18082021_111148.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.74 18.37 15
Start [MHz] Stop [MHz]	5715.000 5795.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

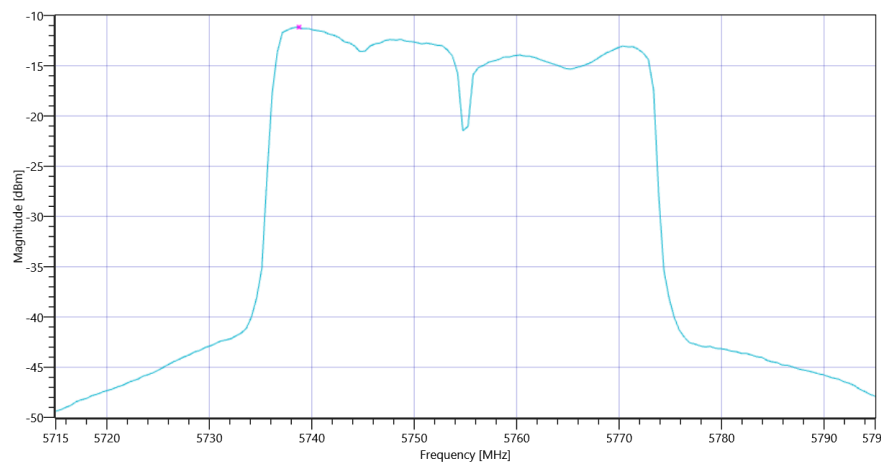
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	5.02	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	5.02	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.68	5.02	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_18082021_111253.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.74 18.37 15
Start [MHz] Stop [MHz]	5715.000 5795.000
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	---	---	-11.15	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-11.15	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_18082021_111357.png

TEST FINISHED

General Verdict

PASS

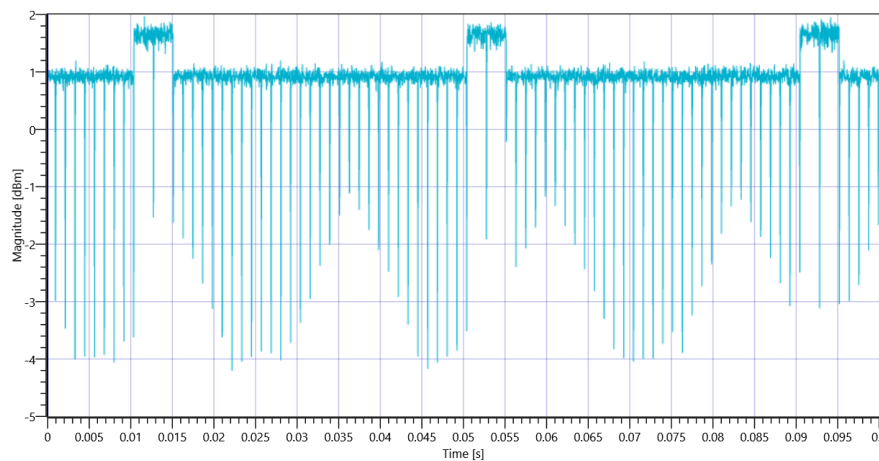
32. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	18.08.2021 11:18:52
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	ISED
Test Method	
TC Version	0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

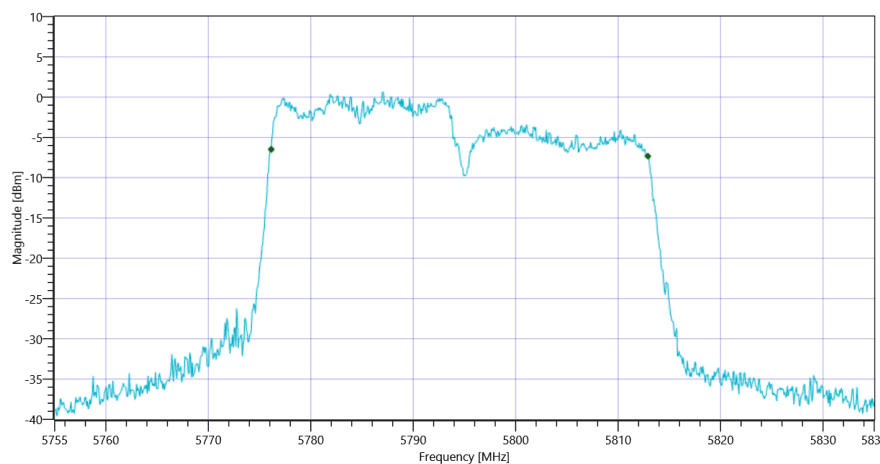
Test at TX 5795 MHz

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 n-HT40 mode U-NII-3 5795 MHz - DutyCycle_18082021_111911.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.763	MHz	INFO
T1 99%	---	---	5776.1389	MHz	INFO
T2 99%	---	---	5812.9021	MHz	INFO

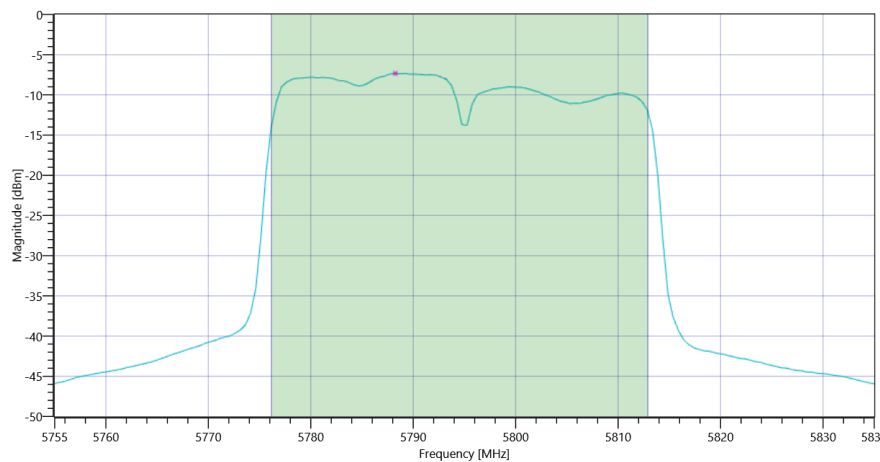


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_18082021_111922.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.56 18.67 15
Start [MHz] Stop [MHz]	5755.000 5835.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	53400 1 160 SWE

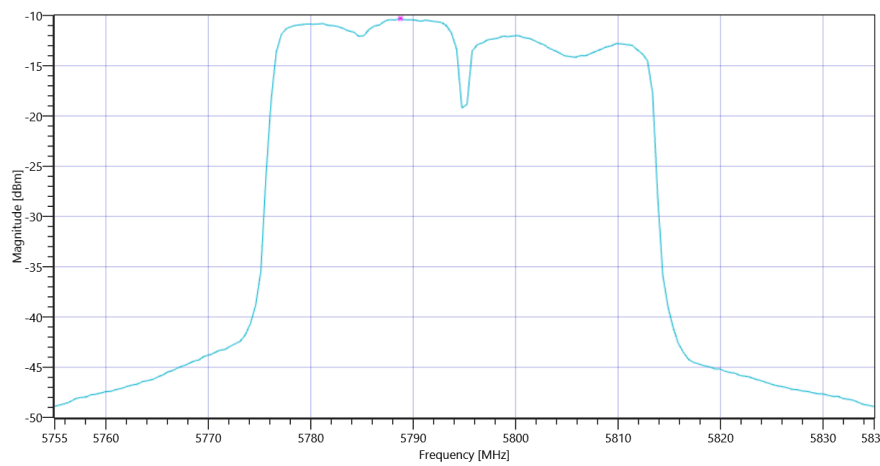
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.35	dBm	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	6.35	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.65	6.35	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_18082021_112027.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.56 18.67 15
Start [MHz] Stop [MHz]	5755.000 5835.000
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	---	---	-10.29	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0	dB	INFO
Power Spectral Density DC corrected	---	30	-10.29	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_18082021_112131.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 09:12:46
Ambit Temp [°C] Humidity [rel%]	24.8 49
System Version	3.0.1.5
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	

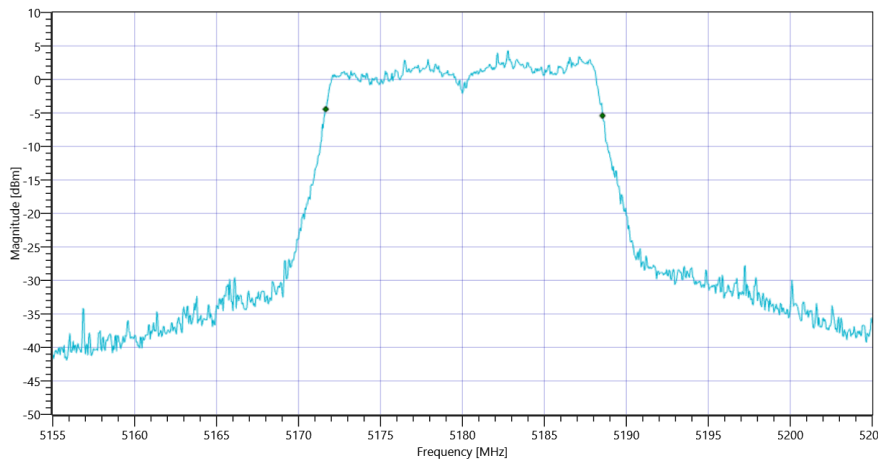
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5180 MHz

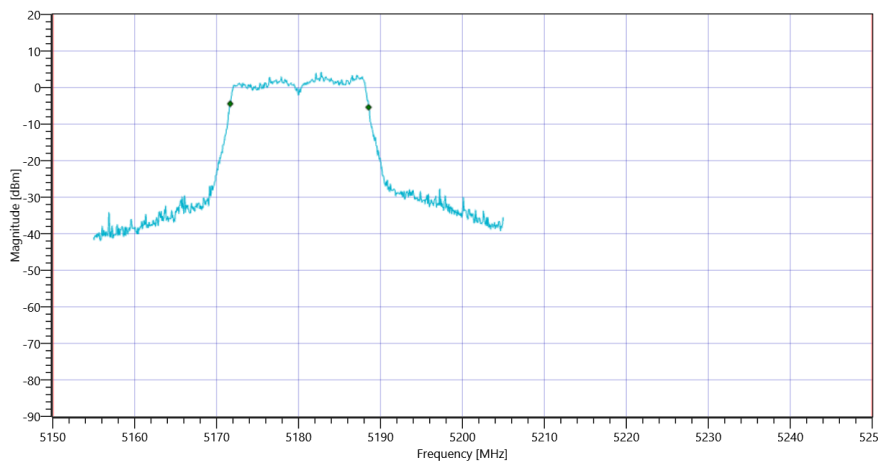
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.21 18.39 15
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	---	5171.6583	MHz	PASS
T2 99%	---	5250.000000	5188.5415	MHz	PASS

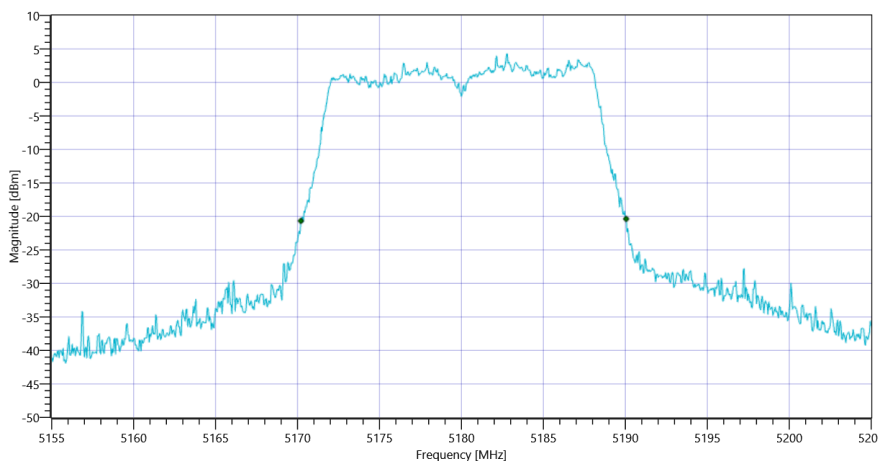


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_18082021_091317.png

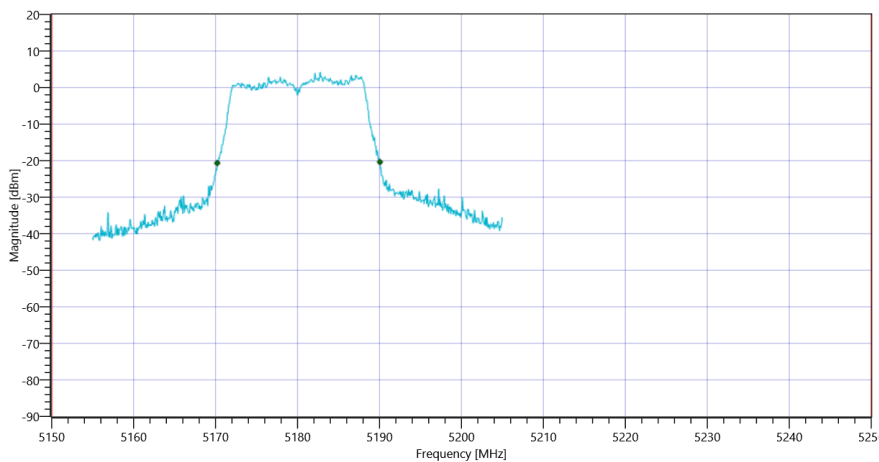


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_091324.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	19.85	MHz	INFO
T1 26dB	5150.000000	---	5170.2000	MHz	PASS
T2 26dB	---	5250.000000	5190.0500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_18082021_091331.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_091338.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 09:17:58
Ambit Temp [°C] Humidity [rel%]	24.8 49
System Version	3.0.1.5
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	

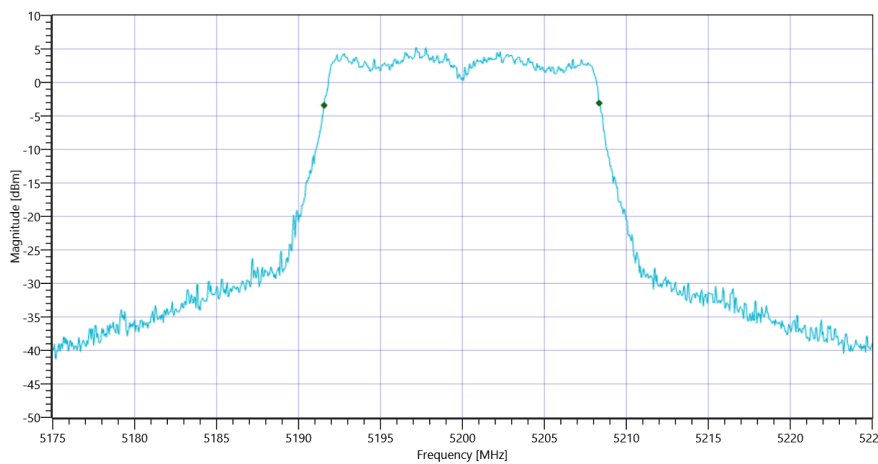
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5200 MHz

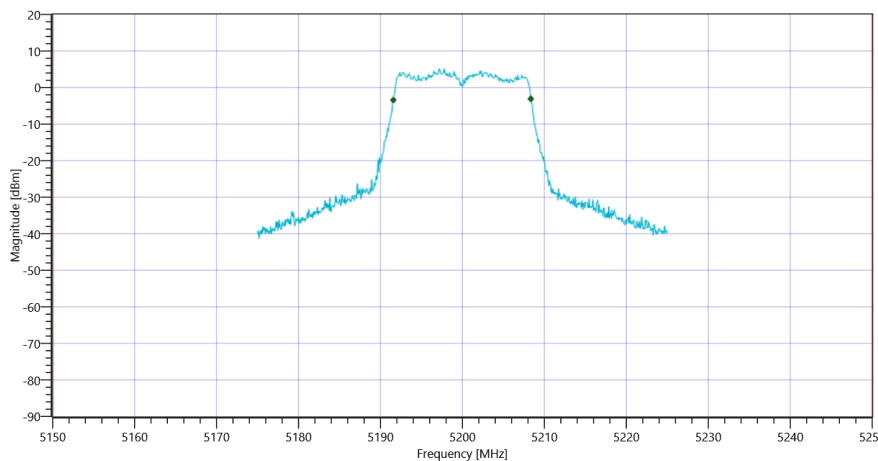
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	17.60 18.71 15
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	---	5191.5584	MHz	PASS
T2 99%	---	5250.000000	5208.3417	MHz	PASS

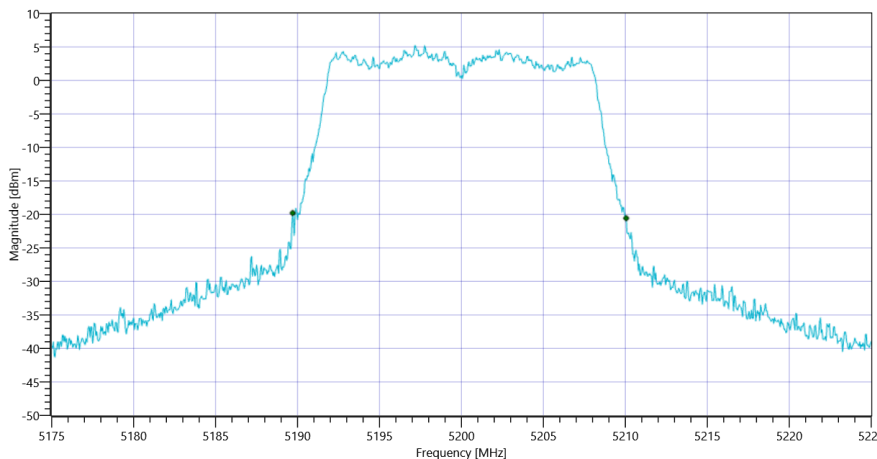


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_18082021_091829.png

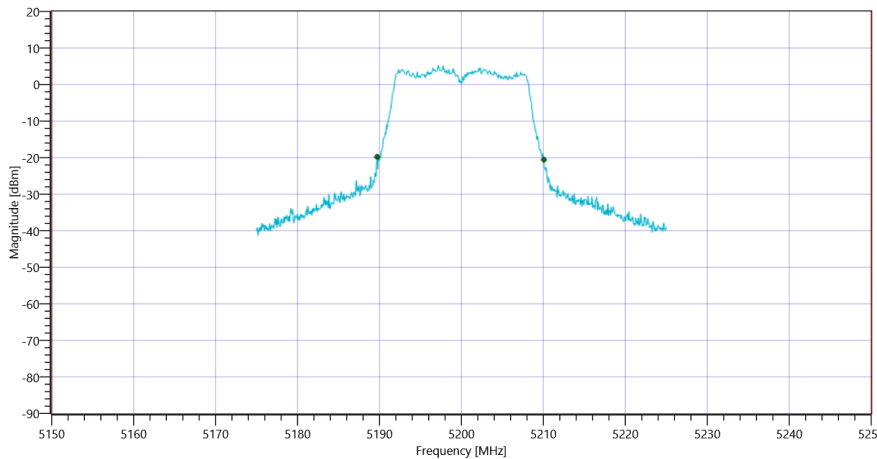


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_091836.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.35	MHz	INFO
T1 26dB	5150.000000	---	5189.7000	MHz	PASS
T2 26dB	---	5250.000000	5210.0500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_18082021_091844.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_091850.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	18.08.2021 09:23:02
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
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	

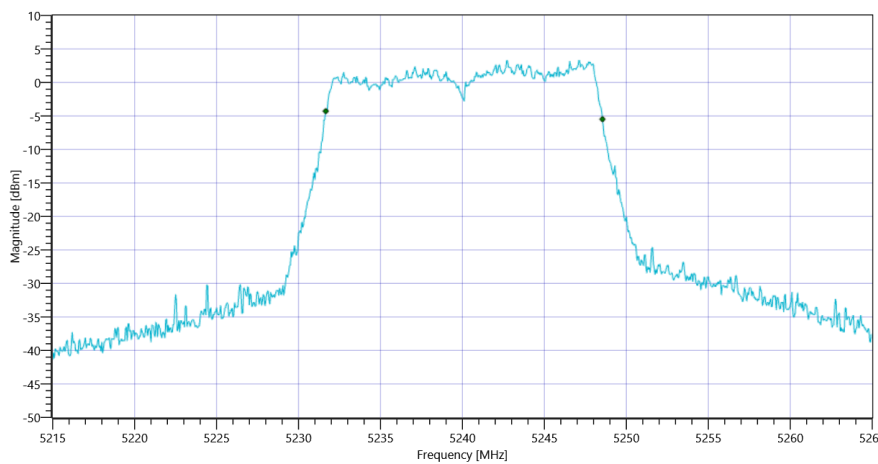
Test Parameter	
Technology to test	WLAN5Gx a mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5240 MHz

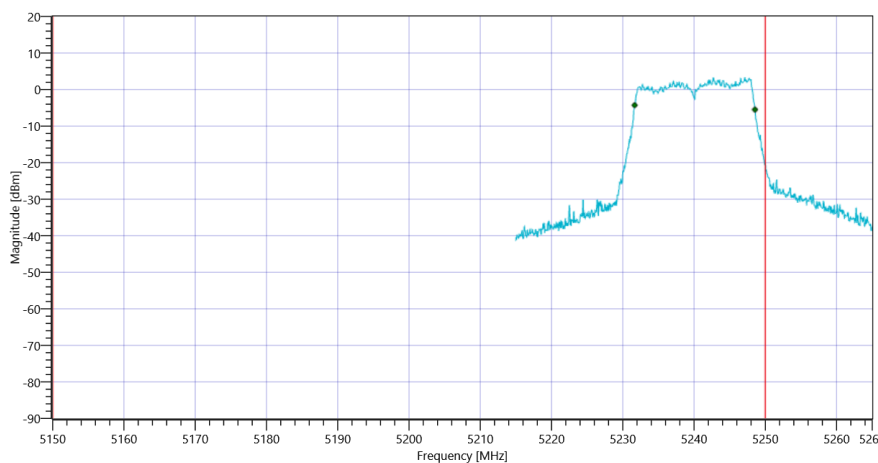
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.43 18.83 15
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	---	5231.6583	MHz	PASS
T2 99%	---	5250.000000	5248.5415	MHz	PASS

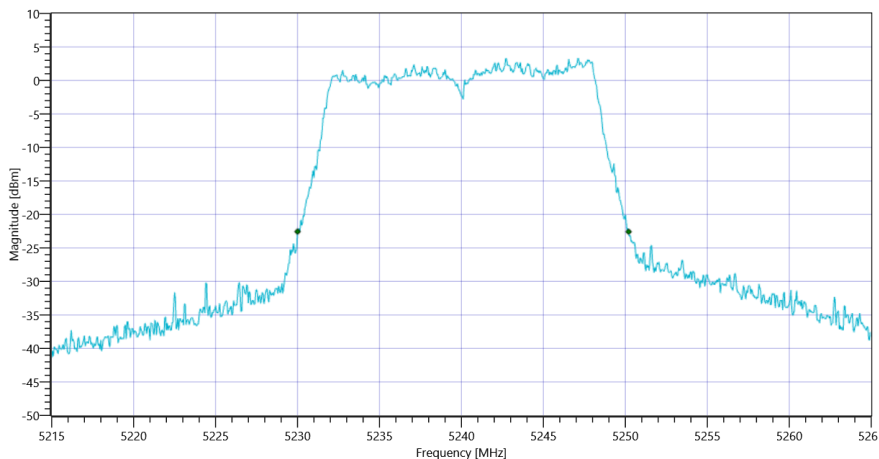


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 99PCT_18082021_092326.png

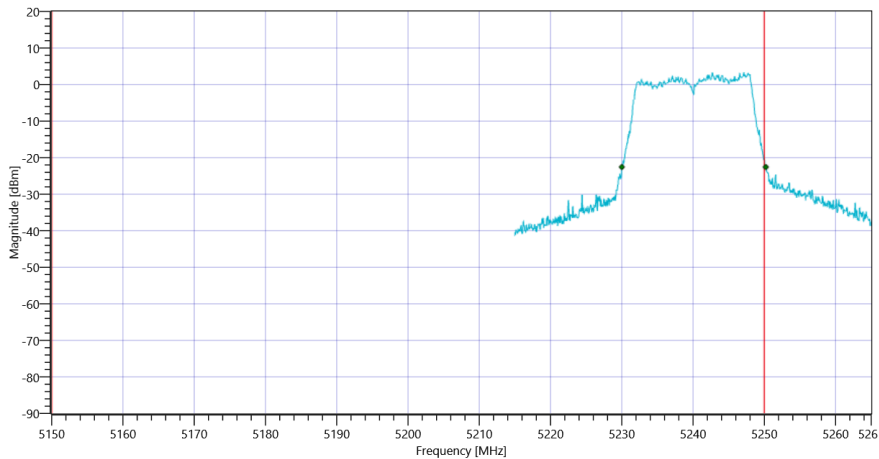


Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_092333.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.2	MHz	INFO
T1 26dB	5150.000000	---	5230.0000	MHz	PASS
T2 26dB	---	5250.000000	5250.2000	MHz	DFS required



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1 26dB_18082021_092341.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-1_18082021_092348.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	18.08.2021 09:30:01
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

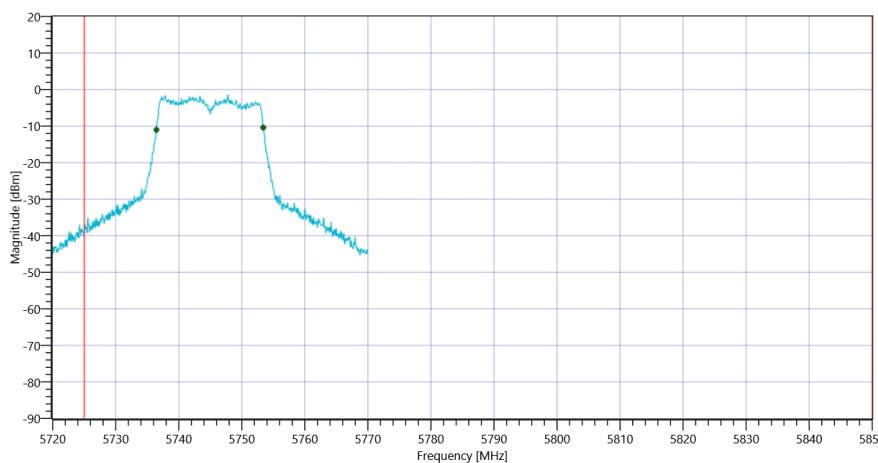
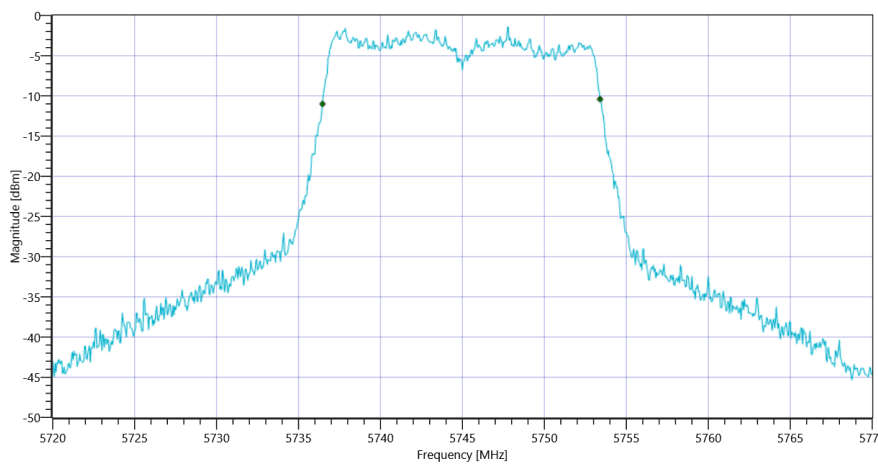
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.08 18.38 10
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

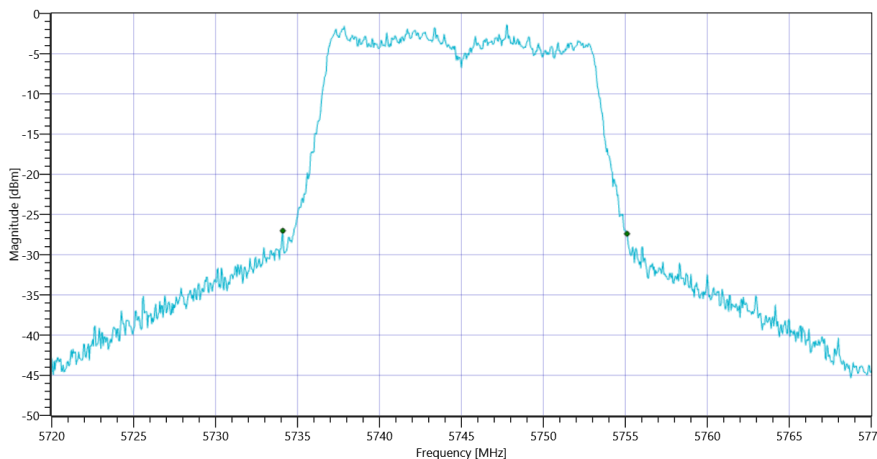
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.933	MHz	INFO
T1 99%	5725.000000	---	5736.4585	MHz	PASS
T2 99%	---	5850.000000	5753.3916	MHz	PASS

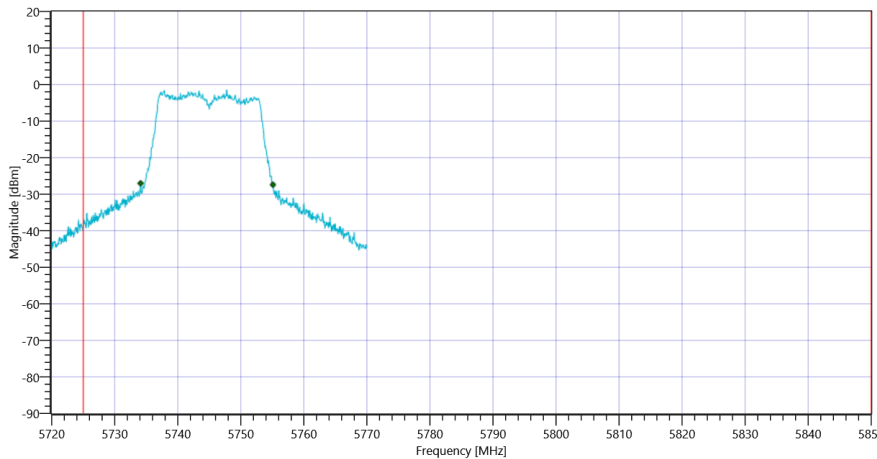


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21	MHz	INFO
T1 26dB	5725.000000	---	5734.1000	MHz	PASS
T2 26dB	---	5850.000000	5755.1000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18082021_093040.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_18082021_093047.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	18.08.2021 09:43:28
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

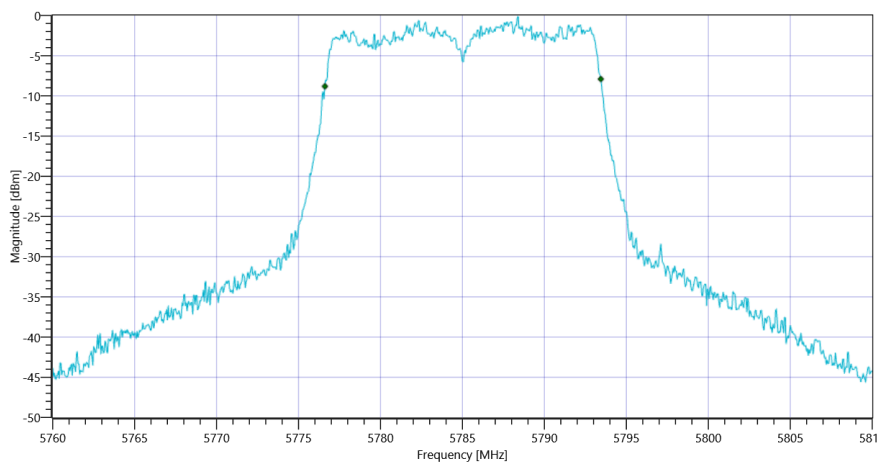
Test at TX 5785 MHz

READ SA SETTINGS:

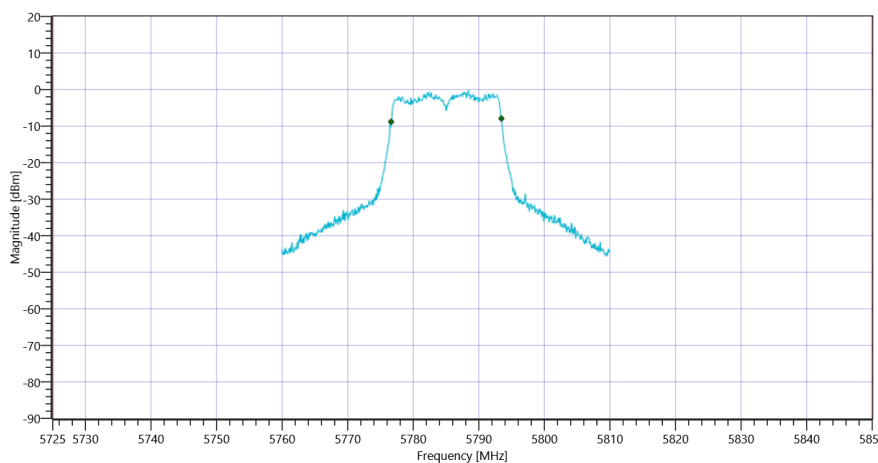
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.82 18.6 10
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.833	MHz	INFO
T1 99%	5725.000000	---	5776.6084	MHz	PASS
T2 99%	---	5850.000000	5793.4416	MHz	PASS



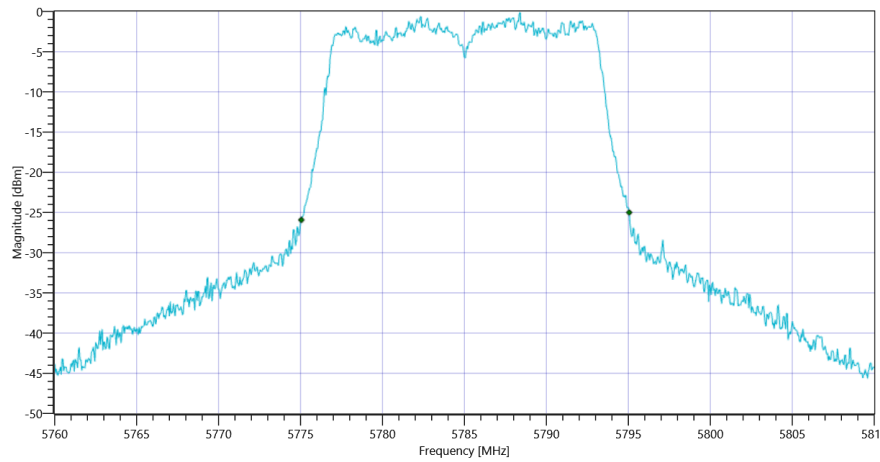
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT_18082021_094352.png



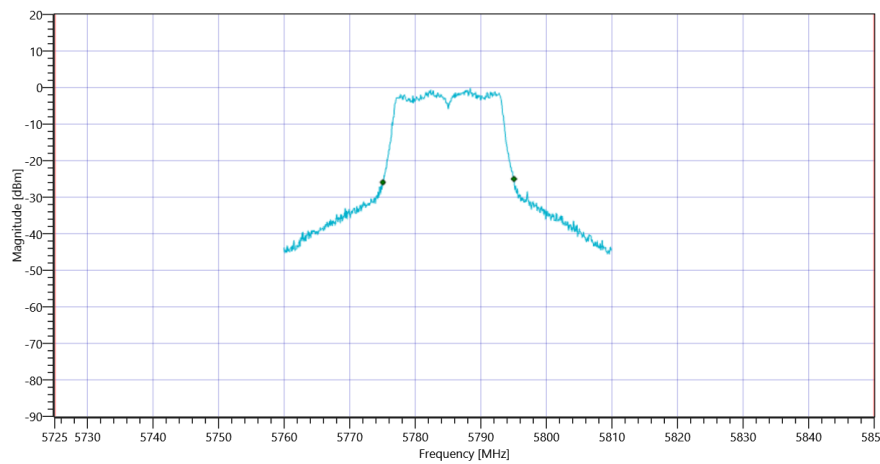
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_18082021_094359.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20	MHz	INFO
T1 26dB	5725.000000	---	5775.0500	MHz	PASS
T2 26dB	---	5850.000000	5795.0500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18082021_094407.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_18082021_094414.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 09:51:20
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
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]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

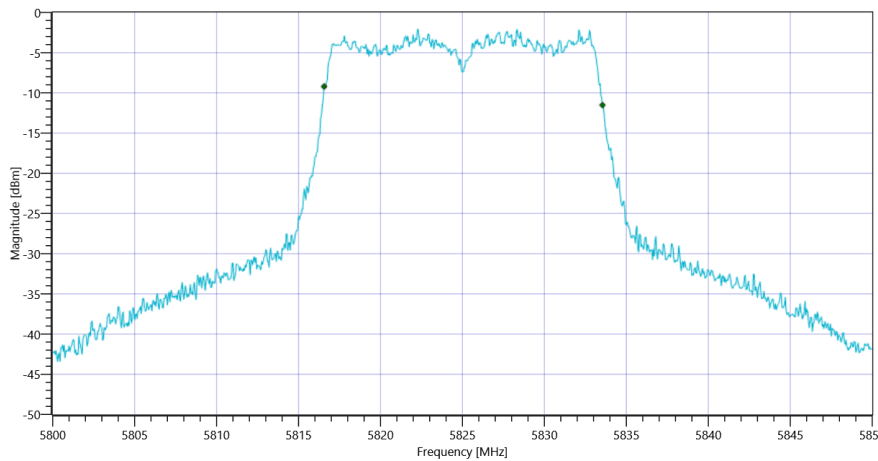
Test at TX 5825 MHz

READ SA SETTINGS:

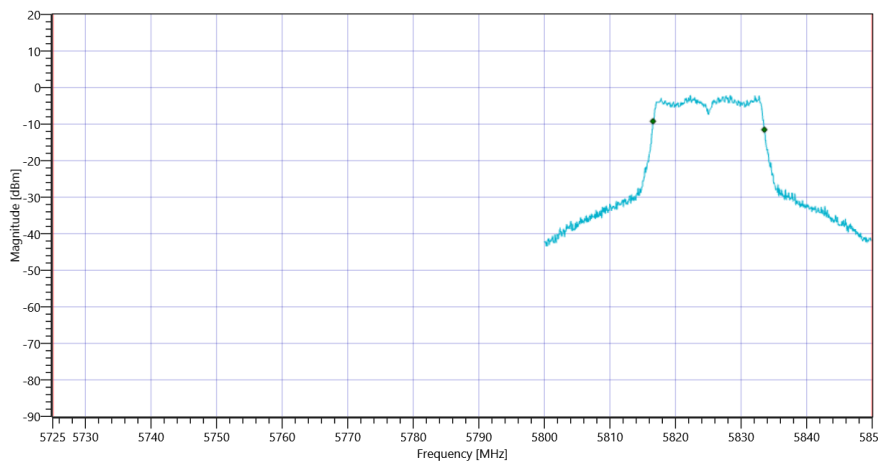
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.81 18.82 10
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.983	MHz	INFO
T1 99%	5725.000000	---	5816.5584	MHz	PASS
T2 99%	---	5850.000000	5833.5415	MHz	PASS



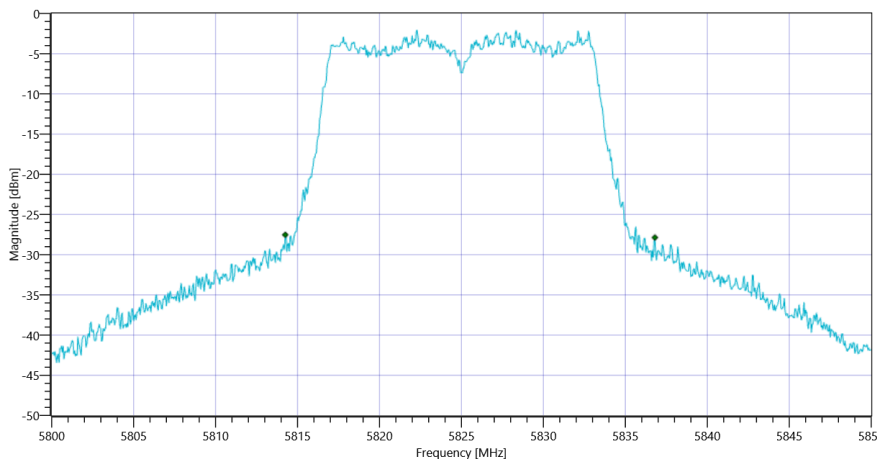
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 99PCT_18082021_095152.png



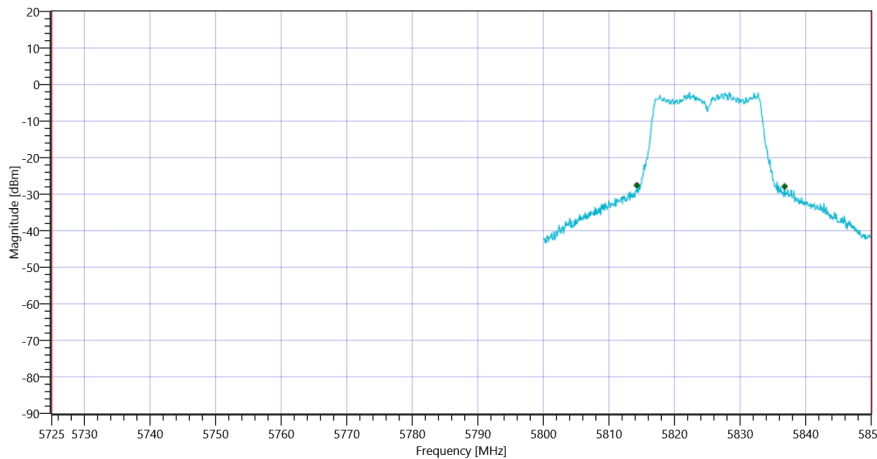
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_18082021_095159.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	22.55	MHz	INFO
T1 26dB	5725.000000	---	5814.2500	MHz	PASS
T2 26dB	---	5850.000000	5836.8000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3 26dB_18082021_095207.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx a mode U-NII-3_18082021_095214.png

TEST FINISHED	
General Verdict	PASS