

Measurement Results

1-0397/20-02-14_log3_conducted

[Test logging](#)

This addendum is electronically signed and valid without handwritten signature.
For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

Document authorized:

David Lang
Lab Manager
Radio Communications & EMC

Table of Content

EUT Summary	3
1. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1	4
2. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1	7
3. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A	10
4. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A	13
5. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	16
6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	19
7. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	22
8. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3	25
9. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3	29
10. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1	33
11. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1	36
12. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A	39
13. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A	42
14. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	45
15. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	48
16. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C	51
17. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3	54
18. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3	58
19. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1	62
20. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1	65
21. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A	68
22. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A	71
23. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C	74
24. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C	77
25. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C	80
26. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3	83
27. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3	86
28. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3	89
29. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3	91

EUT Summary

IUT DEFINITION & Common settings	
Manufacturer	Digi International Inc.
Type	ConnectCore 8M Nano SoM
Serial No. Setup No.	8M DVK 054 (55002060-01 AS47102.0009) 1
SW Version HW Version	82004426 55002070-xx
Comment 1 2	
Tlow Tmid Thigh [°C]	-40 22 85
Vlow Vmid Vhigh [V] @Imax [A]	4.5 5 5.5 @1
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1.6
IUT Common Settings WLAN5Gx	
Number of Antenna Ports	1
User Interaction	No

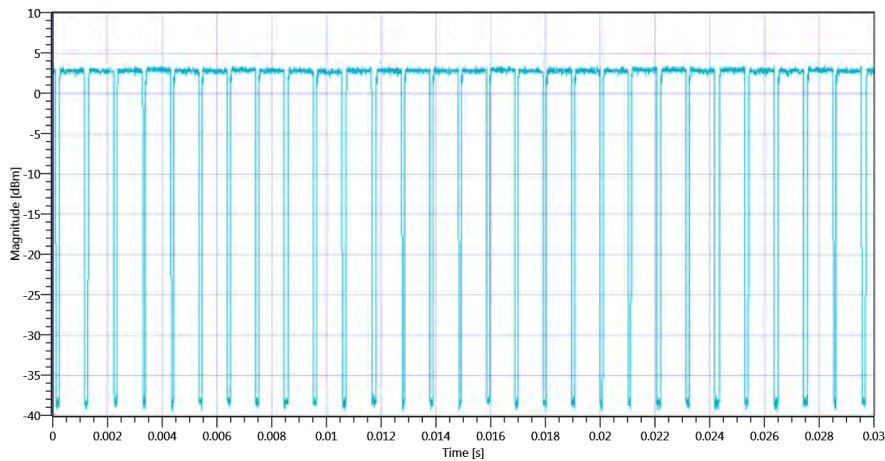
1. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:33:45
Ambit Temp [°C] Humidity [rel%]	24.9 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

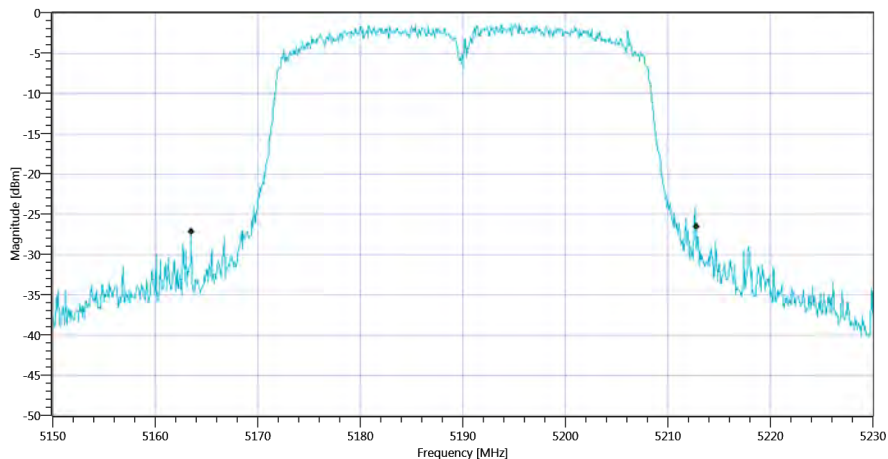
Test at TX 5190 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 5190 MHz - DutyCycle_06112020_103401.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	49.28	MHz	INFO
T1 26dB	---	---	5163.5200	MHz	INFO
T2 26dB	---	---	5212.8000	MHz	INFO

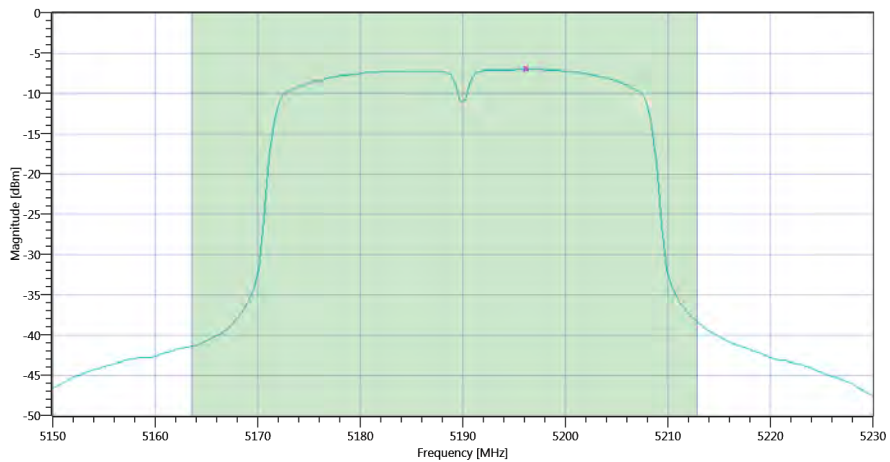


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_06112020_103413.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.23 18.95 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.52	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.32	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.93	8.32	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 Max OP and PSD_06112020_103436.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	11	-6.2	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:34:38 / RT: 53 s	PASS

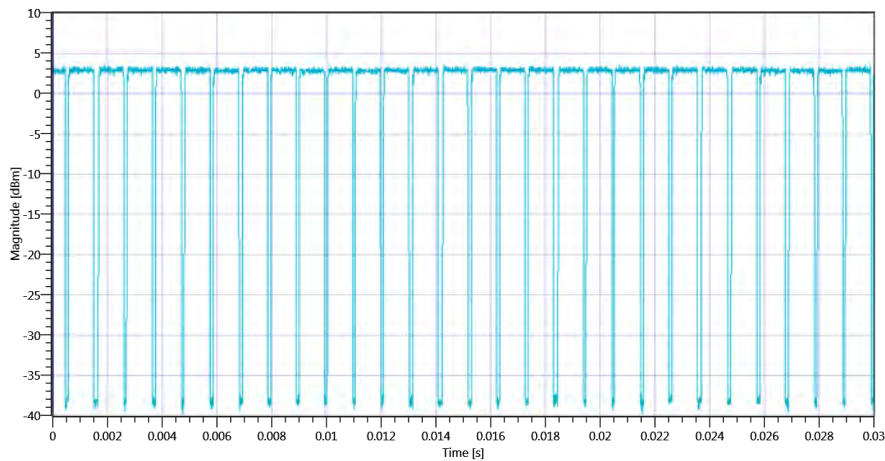
2. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:43:21
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

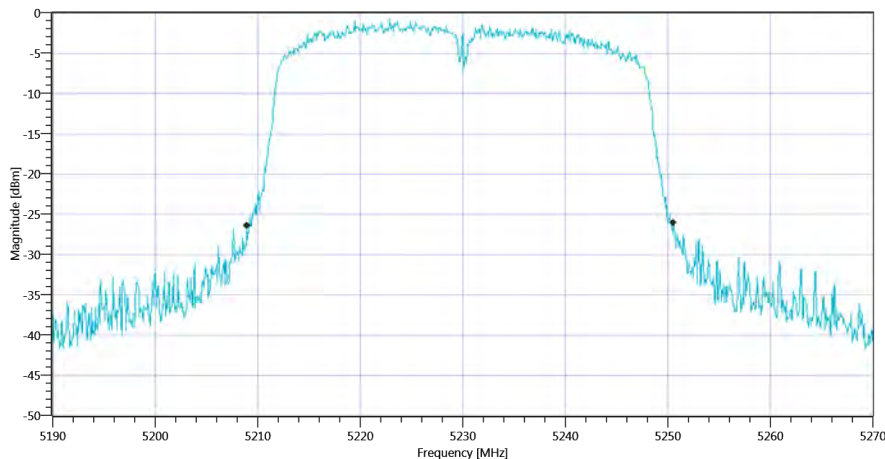
Test at TX 5230 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.824	---	INFO
Duty Cycle min	---	---	0.841	dB	INFO
Max TX Burst Length	---	---	0.922	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.195	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 5230 MHz - DutyCycle_06112020_104338.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	41.6	MHz	INFO
T1 26dB	---	---	5208.9600	MHz	INFO
T2 26dB	---	---	5250.5600	MHz	INFO

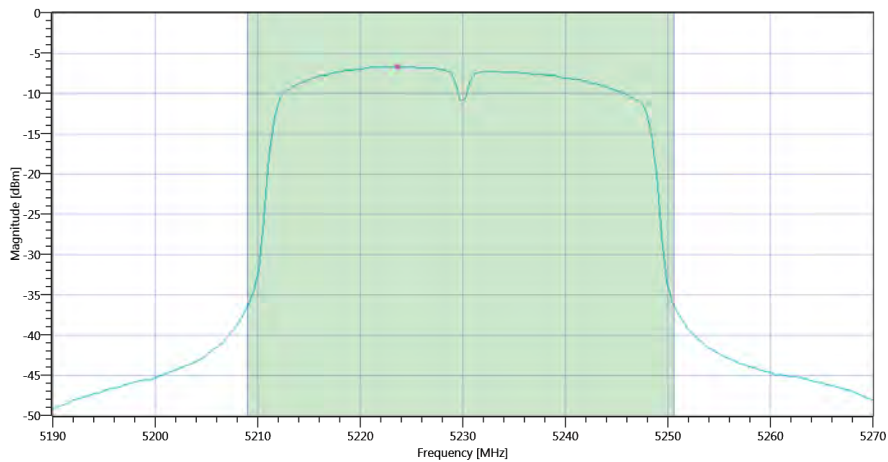


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_06112020_104350.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.34 19 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.46	dBm	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.3	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.19	8.3	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 Max OP and PSD_06112020_104414.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-6.7	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Power Spectral Density DC corrected	---	11	-5.86	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:44:16 / RT: 54 s	PASS

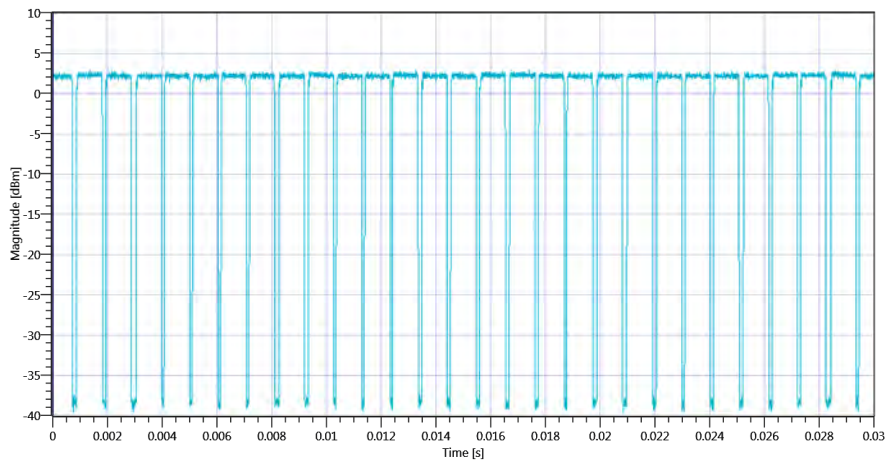
3. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:47:02
Ambit Temp [°C] Humidity [rel%]	25.0 27
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

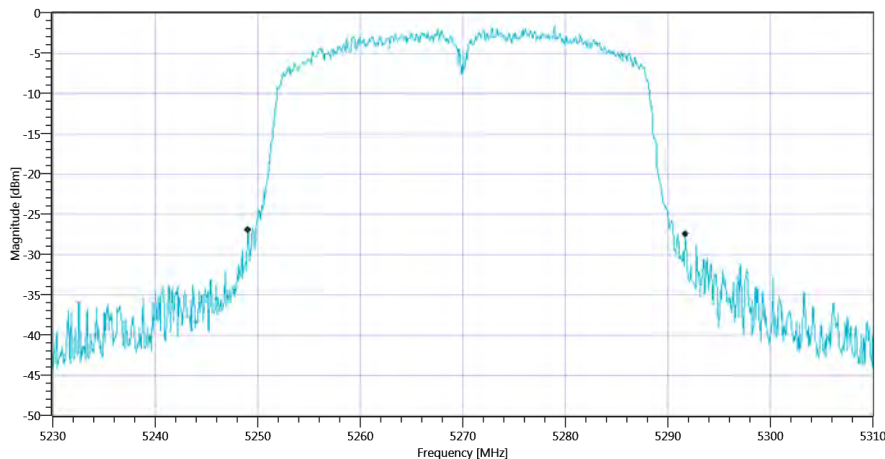
Test at TX 5270 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A 5270 MHz - DutyCycle_06112020_104719.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	42.64	MHz	INFO
T1 26dB	---	---	5249.0400	MHz	INFO
T2 26dB	---	---	5291.6800	MHz	INFO

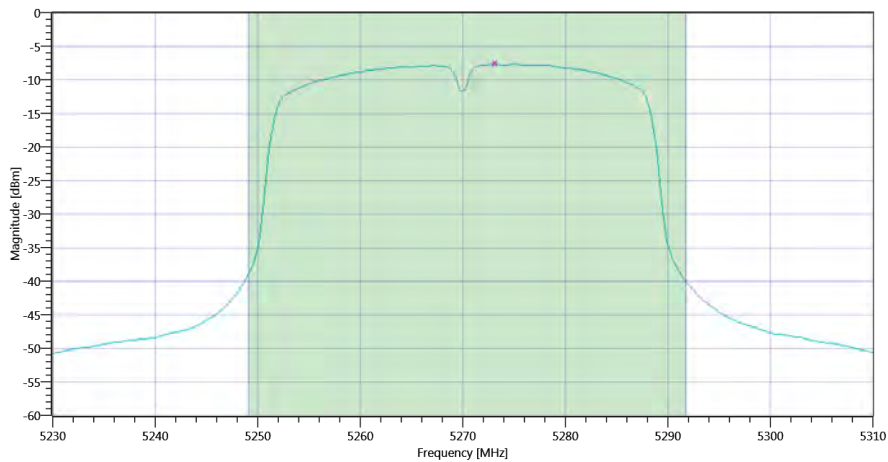


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A BW_06112020_104731.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.01 18.82 10
Start [MHz] Stop [MHz]	5230.000 5310.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.5	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.3	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.3	7.3	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A Max OP and PSD_06112020_104754.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.68	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	11	-6.88	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:47:56 / RT: 54 s	PASS

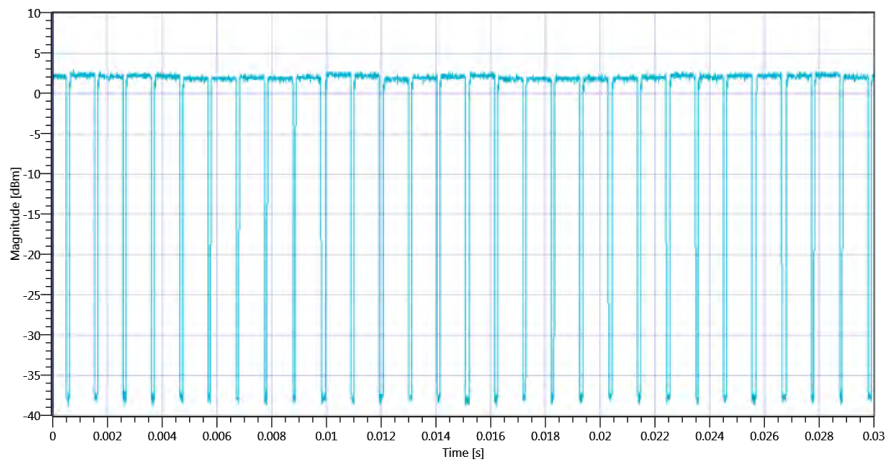
4. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:50:51
Ambit Temp [°C] Humidity [rel%]	25.0 27
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

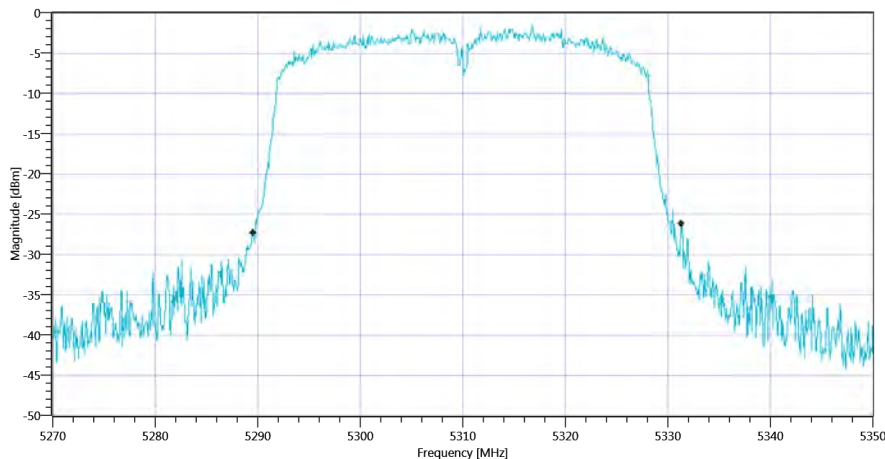
Test at TX 5310 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.836	---	INFO
Duty Cycle min	---	---	0.778	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.18	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A 5310 MHz - DutyCycle_06112020_105107.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	41.84	MHz	INFO
T1 26dB	---	---	5289.5200	MHz	INFO
T2 26dB	---	---	5331.3600	MHz	INFO

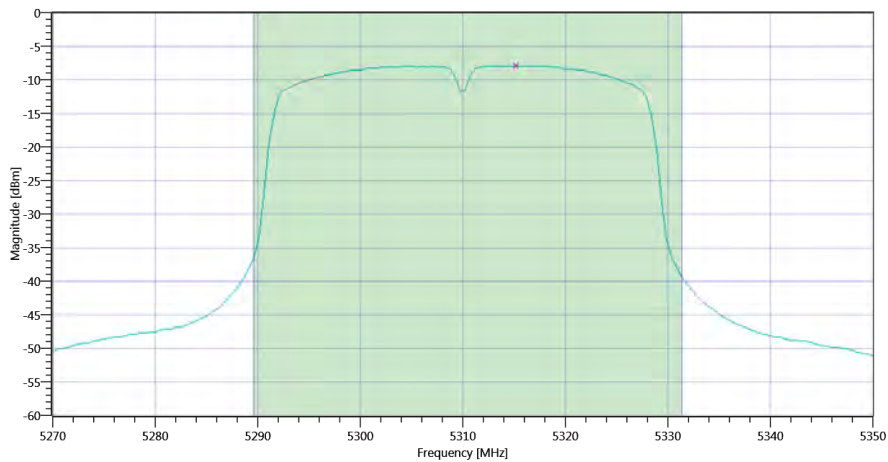


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A BW_06112020_105120.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.87 18.62 10
Start [MHz] Stop [MHz]	5270.000 5350.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.55	dBm	INFO
Duty Cycle Correction	---	---	0.78	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.33	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.22	7.33	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A Max OP and PSD_06112020_105143.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.86	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.78	dB	INFO
Power Spectral Density DC corrected	---	11	-7.08	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:51:46 / RT: 55 s	PASS

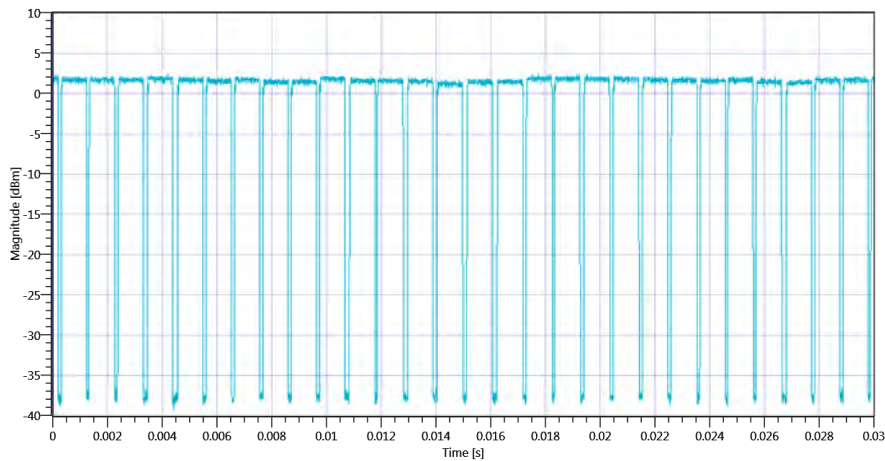
5. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 10:55:28
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

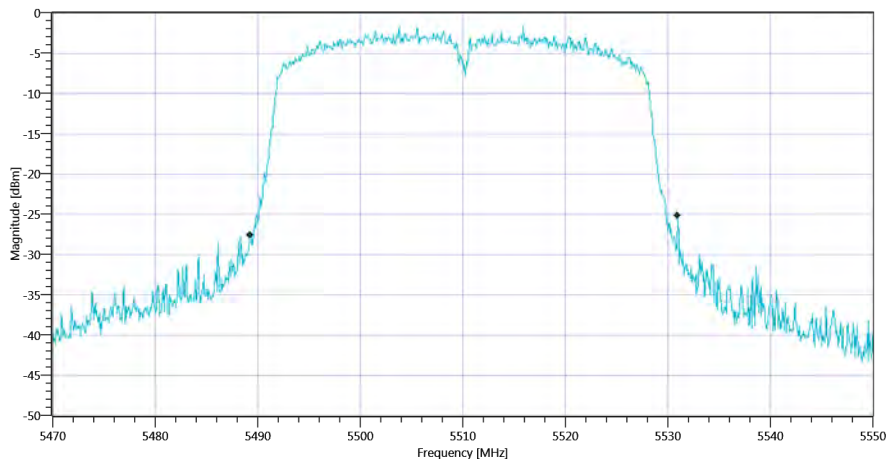
Test at TX 5510 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5510 MHz - DutyCycle_06112020_105544.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	41.68	MHz	INFO
T1 26dB	---	---	5489.2800	MHz	INFO
T2 26dB	---	---	5530.9600	MHz	INFO

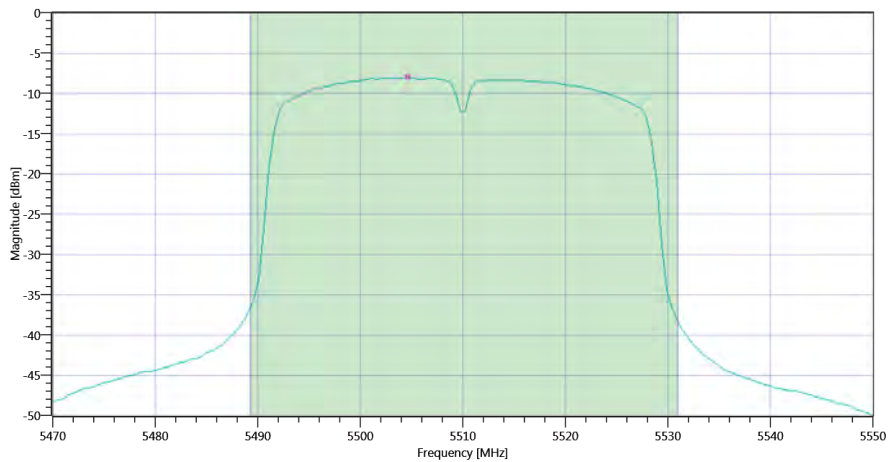


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_105553.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.72 18.97 10
Start [MHz] Stop [MHz]	5470.000 5550.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.29	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.1	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.2	7.1	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_105616.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-8.06	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-7.25	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:56:18 / RT: 50 s	PASS

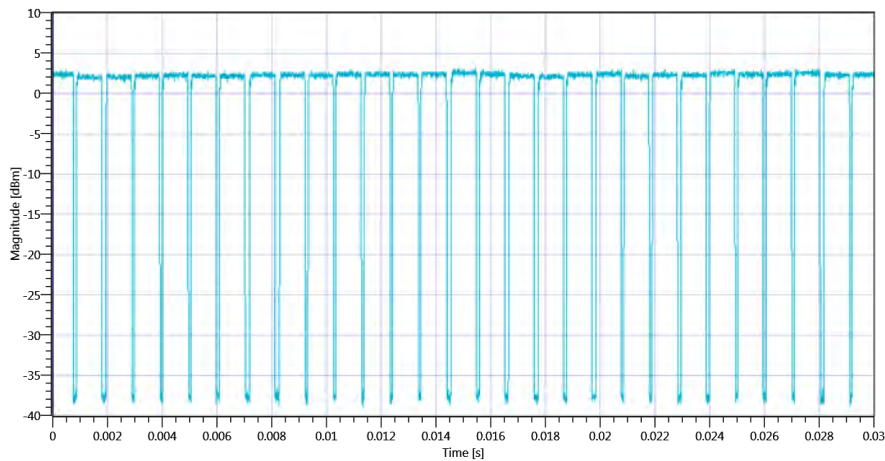
6. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 10:59:04
Ambit Temp [°C] Humidity [rel%]	25.0 27
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	True Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

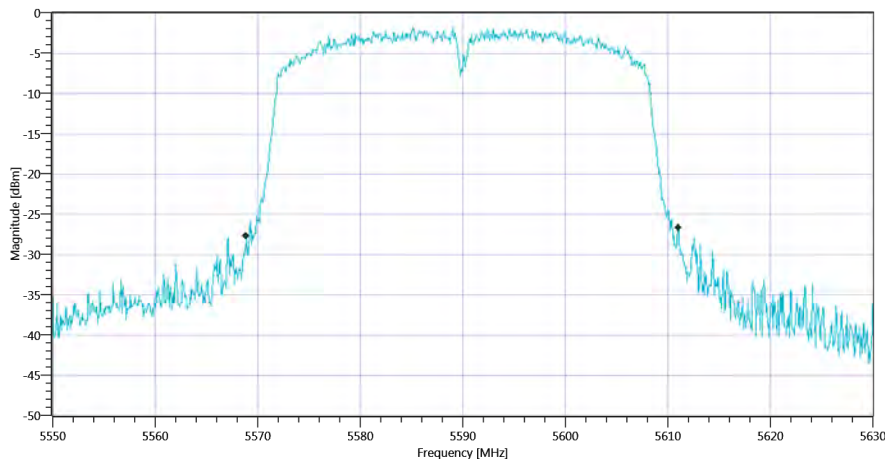
Test at TX 5590 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.922	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5590 MHz - DutyCycle_06112020_105920.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	42.16	MHz	INFO
T1 26dB	---	---	5568.8800	MHz	INFO
T2 26dB	---	---	5611.0400	MHz	INFO

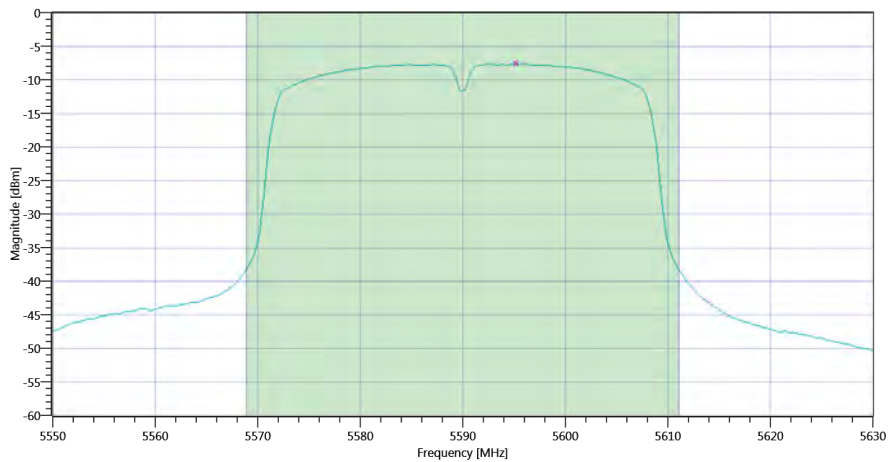


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_105929.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.28 19.1 10
Start [MHz] Stop [MHz]	5550.000 5630.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.74	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.55	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.25	7.55	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_105952.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.62	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-6.81	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:59:55 / RT: 50 s	PASS

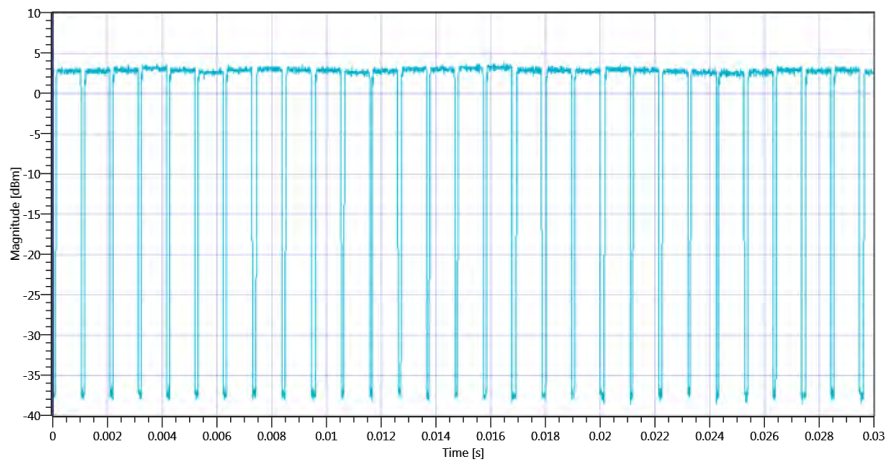
7. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 11:02:41
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	True Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

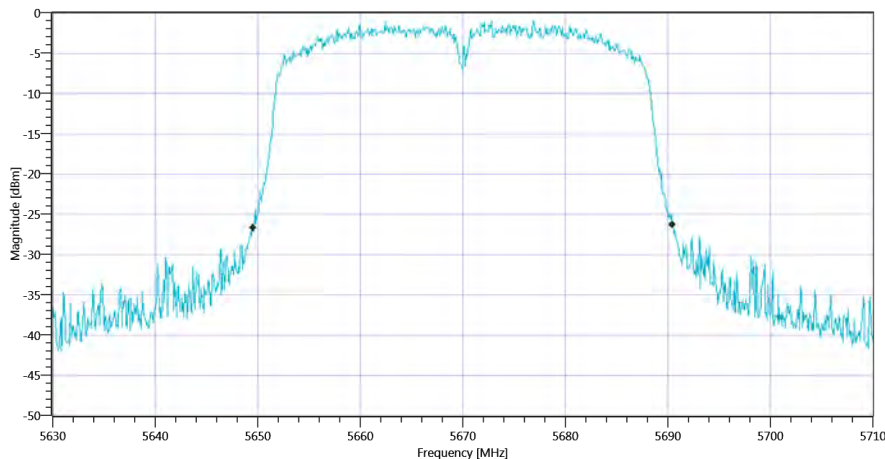
Test at TX 5670 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.897	---	INFO
Duty Cycle max	---	---	0.472	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.922	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5670 MHz - DutyCycle_06112020_110258.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.96	MHz	INFO
T1 26dB	---	---	5649.5200	MHz	INFO
T2 26dB	---	---	5690.4800	MHz	INFO

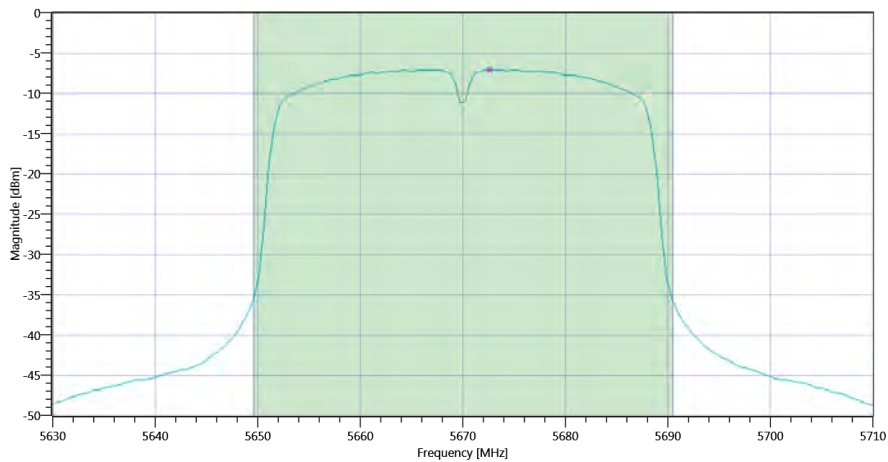


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_110306.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.22 19.3 10
Start [MHz] Stop [MHz]	5630.000 5710.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.3	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.11	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.12	8.11	dBm	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_110329.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.09	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-6.28	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 11:03:32 / RT: 51 s	PASS

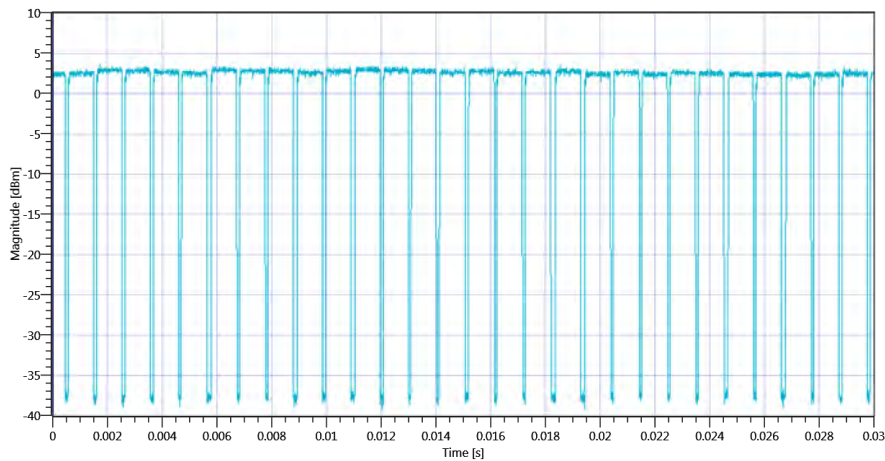
8. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:06:23
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

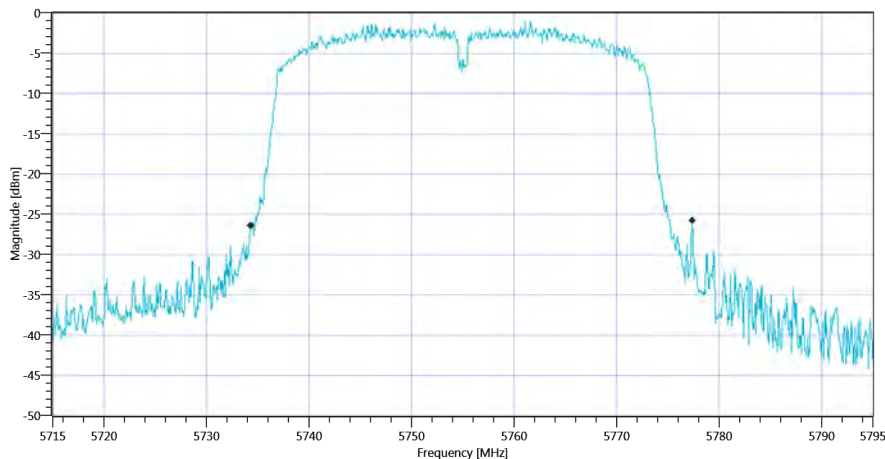
Test at TX 5755 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.824	---	INFO
Duty Cycle min	---	---	0.841	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.195	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 5755 MHz - DutyCycle_06112020_110640.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	43.04	MHz	INFO
T1 26dB	---	---	5734.3600	MHz	INFO
T2 26dB	---	---	5777.4000	MHz	INFO

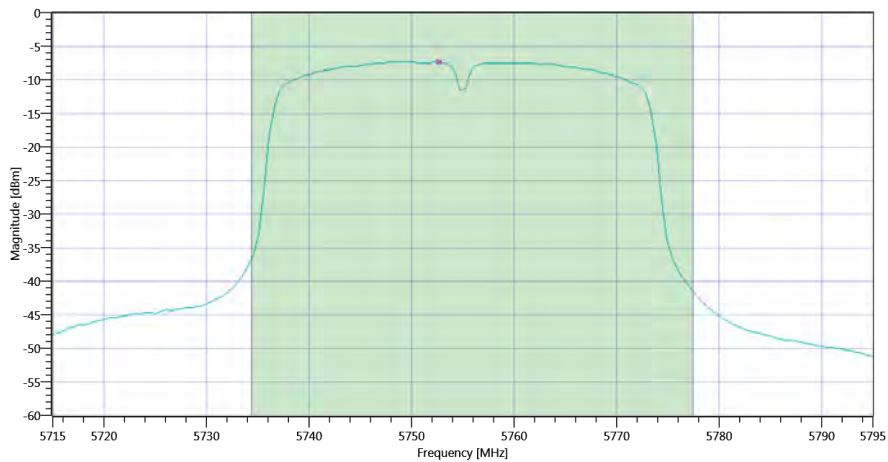


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_06112020_110648.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.52 18.7 10
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	16000 1 160 SWE

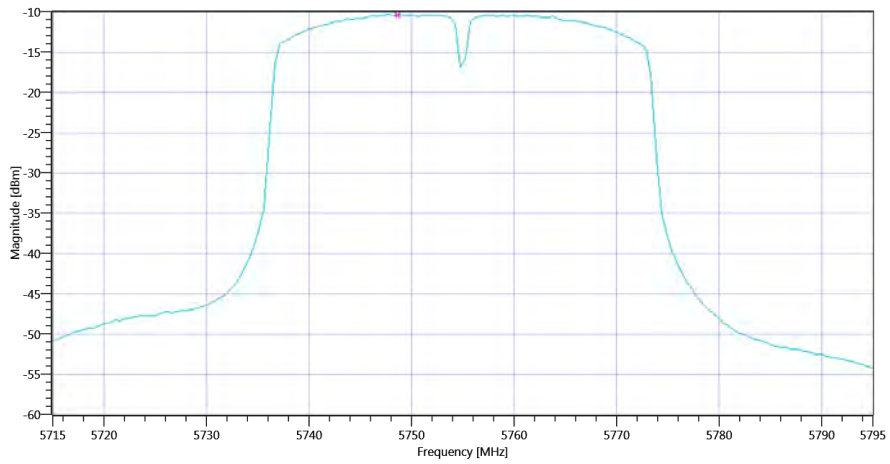
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.07	dBm	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	7.91	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.34	7.91	dBm	not applicable



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_06112020_110712.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.52 18.7 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-10.36	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Power Spectral Density DC corrected	---	30	-9.52	dBm/0.5MHz	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_06112020_110734.png

TEST FINISHED

General Verdict

06.11.2020 11:07:35 / RT: 72 s

PASS

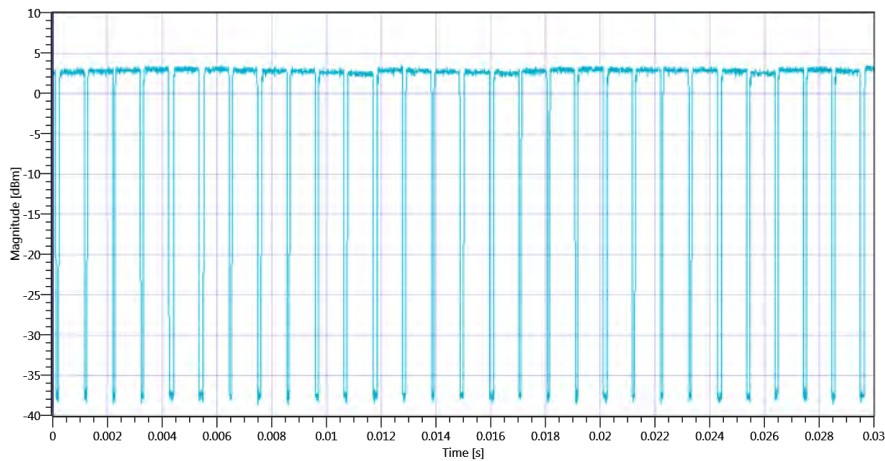
9. FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:11:10
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, F., E.2.e.
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	FCC 15.407 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

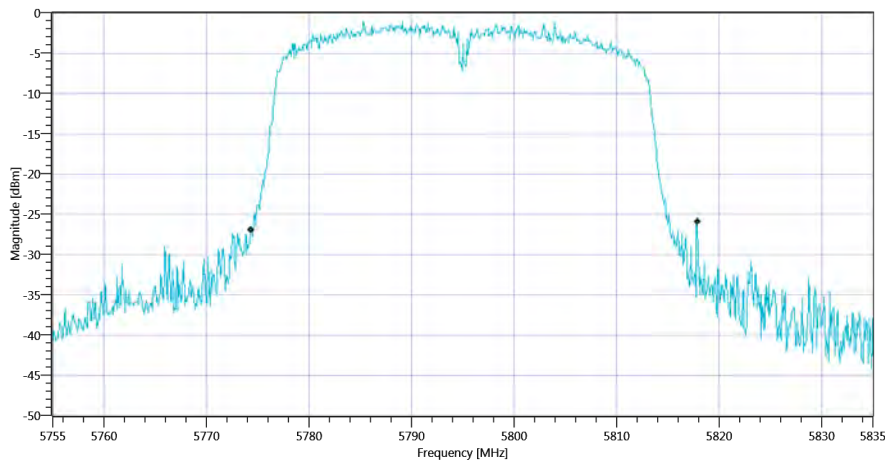
Test at TX 5795 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 5795 MHz - DutyCycle_06112020_111127.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	43.52	MHz	INFO
T1 26dB	---	---	5774.3600	MHz	INFO
T2 26dB	---	---	5817.8800	MHz	INFO

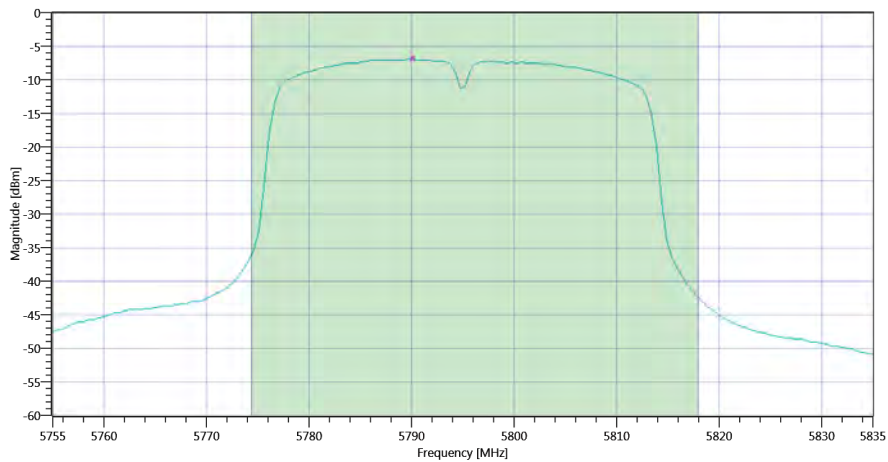


Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_06112020_111136.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.67 18.79 10
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	16000 1 160 SWE

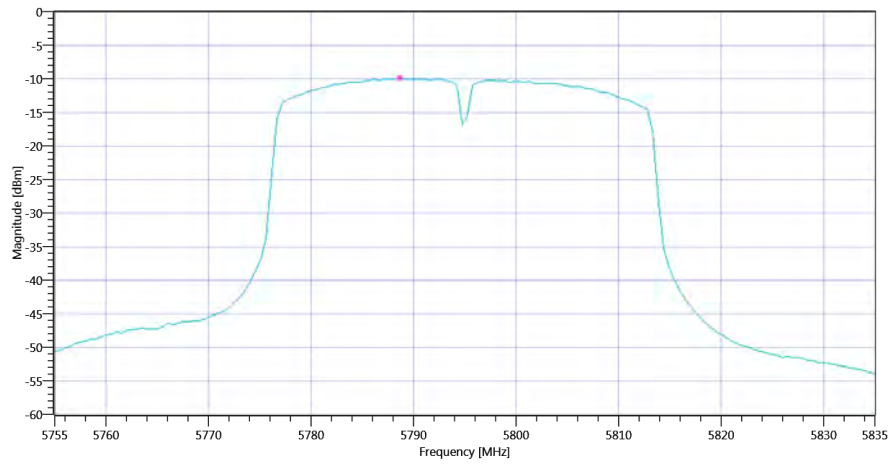
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.29	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	8.09	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	27.39	8.09	dBm	not applicable



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_06112020_111159.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.67 18.79 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-9.89	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	30	-9.09	dBm/0.5MHz	PASS



Plot_FCC Part 15.407 Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_06112020_111222.png

TEST FINISHED

General Verdict

06.11.2020 11:12:22 / RT: 72 s

PASS

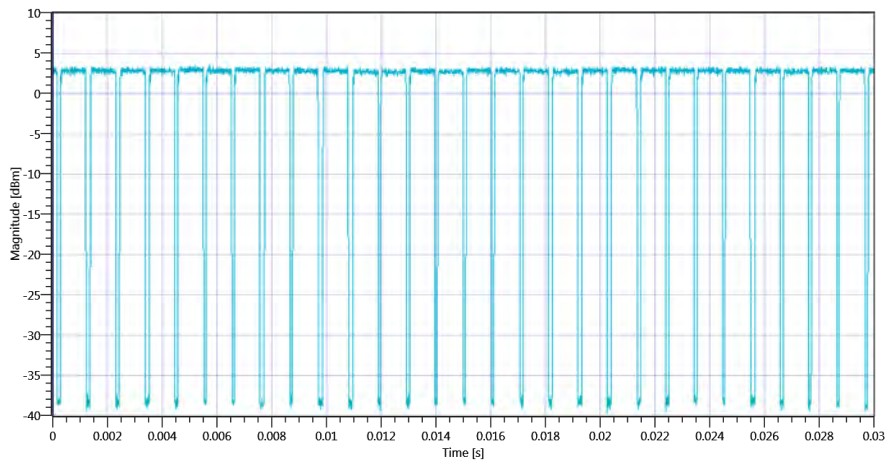
10. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:34:43
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

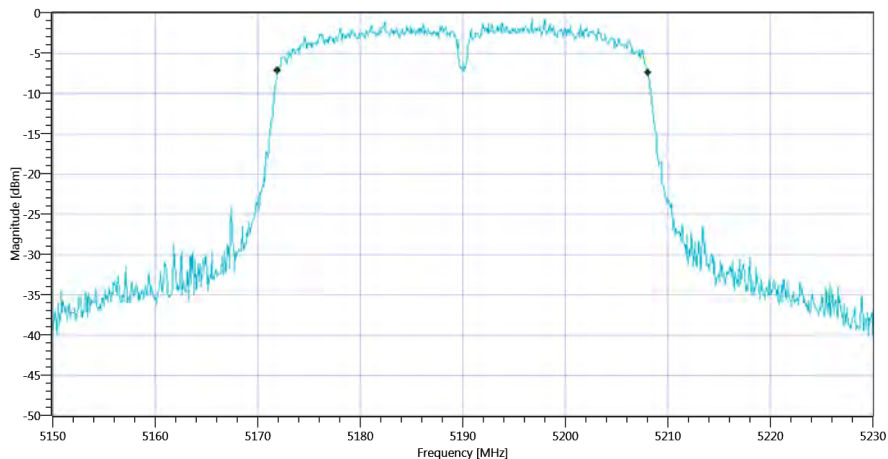
Test at TX 5190 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 5190 MHz - DutyCycle_06112020_103459.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.124	MHz	INFO
T1 99%	---	---	5171.9381	MHz	INFO
T2 99%	---	---	5208.0619	MHz	INFO

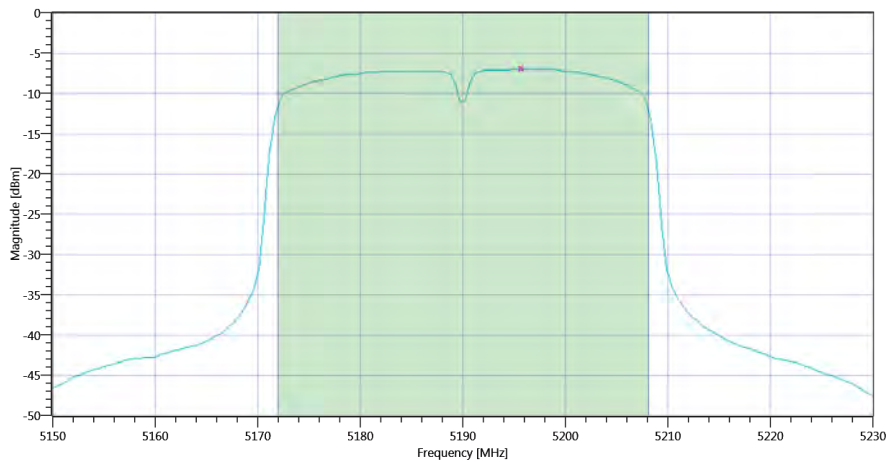


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_06112020_103512.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.73 18.95 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.49	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.29	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.58	8.29	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 Max OP and PSD_06112020_103535.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.01	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	11	-6.21	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:35:37 / RT: 54 s	PASS

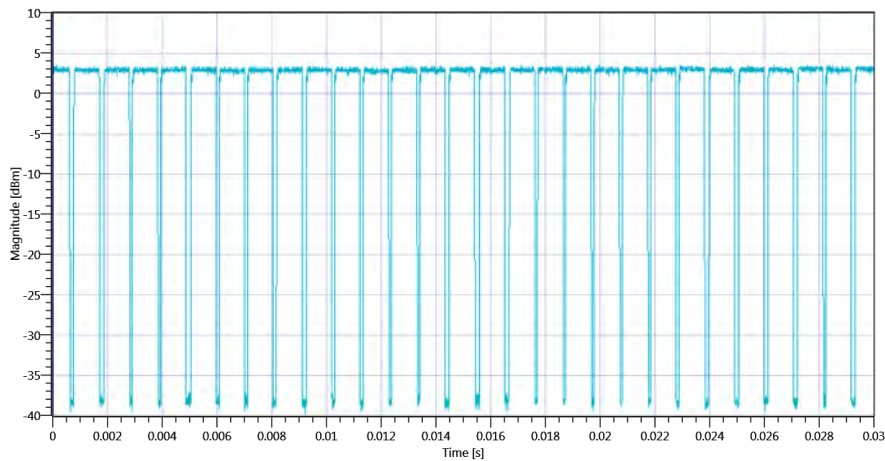
11. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:44:20
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

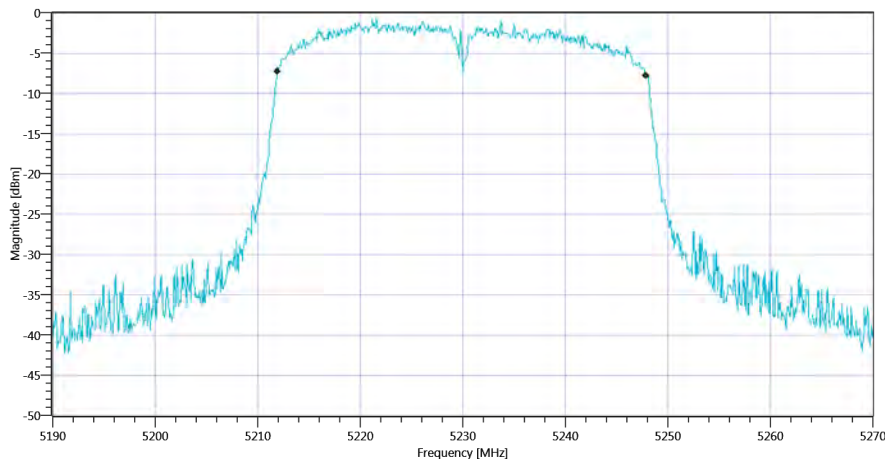
Test at TX 5230 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 5230 MHz - DutyCycle_06112020_104437.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5211.9381	MHz	INFO
T2 99%	---	---	5247.9021	MHz	INFO

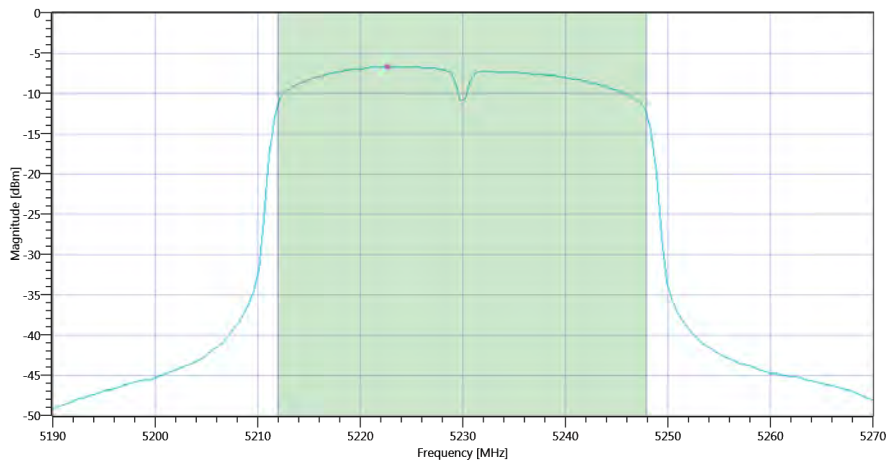


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 BW_06112020_104449.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.80 19 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.41	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.22	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	8.22	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-1 Max OP and PSD_06112020_104513.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-6.68	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-5.87	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:45:16 / RT: 55 s	PASS

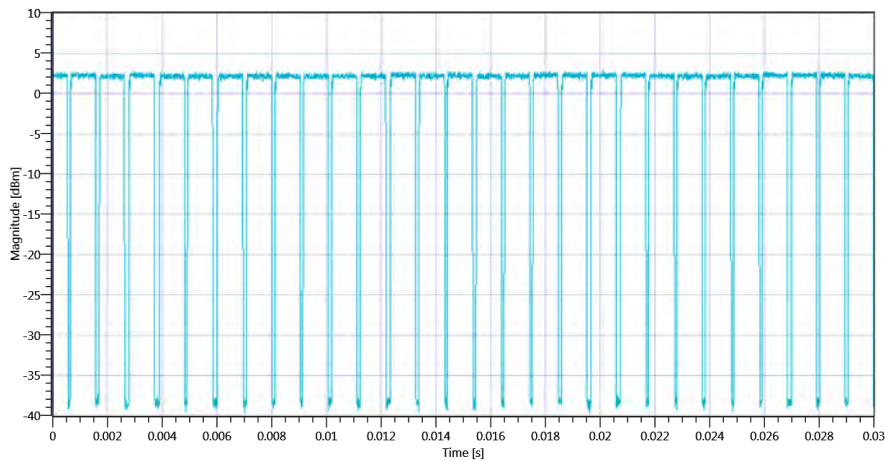
12. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:48:01
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

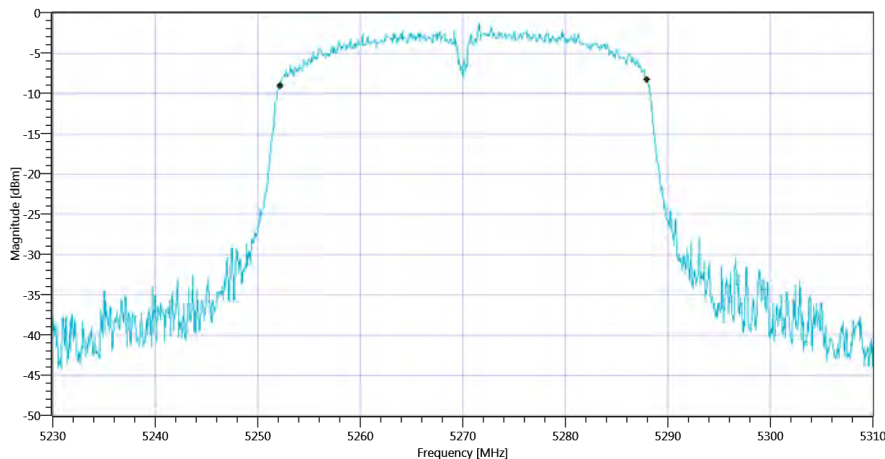
Test at TX 5270 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.187	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A 5270 MHz - DutyCycle_06112020_104818.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.804	MHz	INFO
T1 99%	---	---	5252.1778	MHz	INFO
T2 99%	---	---	5287.9820	MHz	INFO

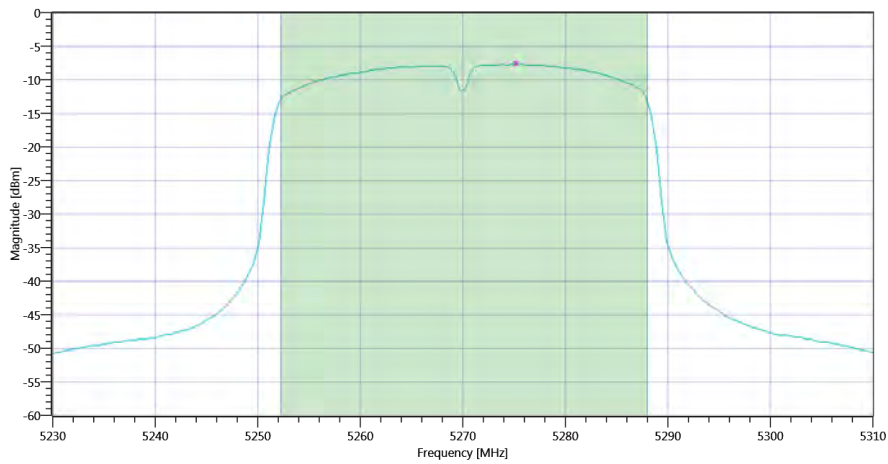


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A BW_06112020_104830.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.91 18.82 10
Start [MHz] Stop [MHz]	5230.000 5310.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.44	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.25	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.54	7.25	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A Max OP and PSD_06112020_104854.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.67	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-6.86	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:48:56 / RT: 54 s	PASS

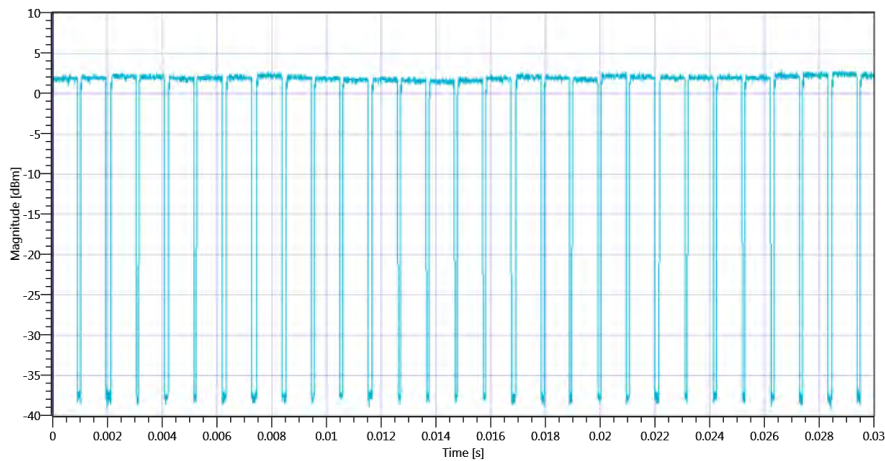
13. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:51:50
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

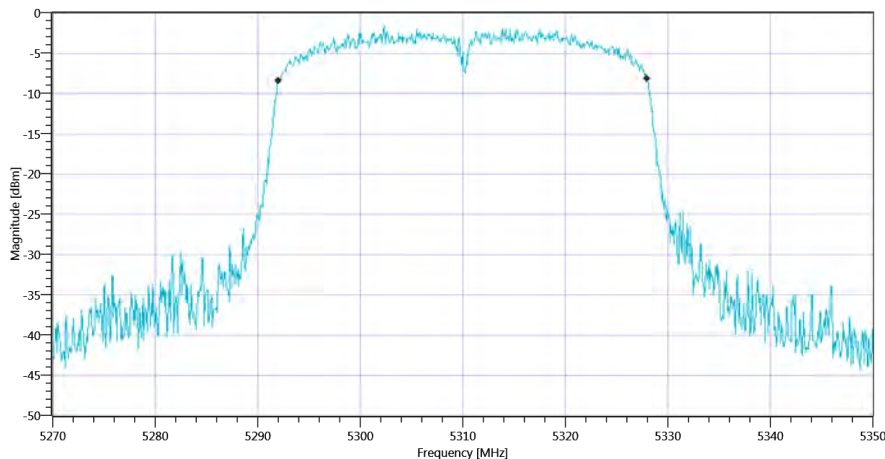
Test at TX 5310 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A 5310 MHz - DutyCycle_06112020_105207.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5292.0180	MHz	INFO
T2 99%	---	---	5327.9820	MHz	INFO

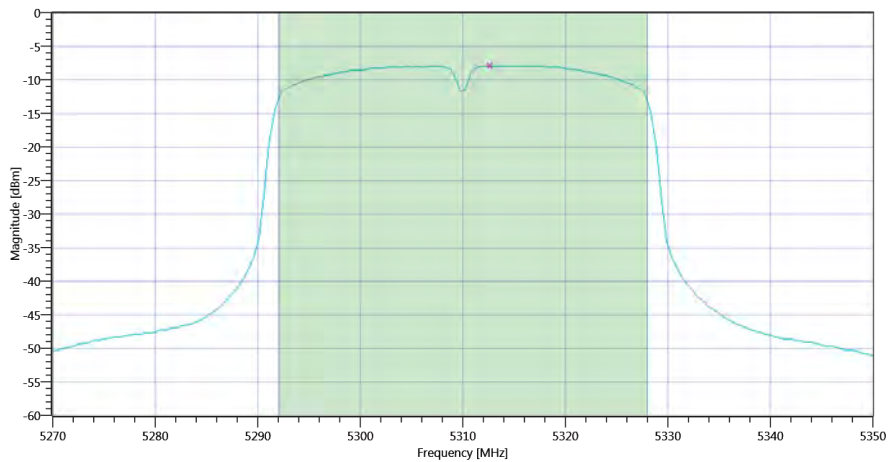


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A BW_06112020_105220.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.84 18.62 10
Start [MHz] Stop [MHz]	5270.000 5350.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.5	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.31	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	7.31	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2A Max OP and PSD_06112020_105244.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.88	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-7.07	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:52:46 / RT: 55 s	PASS

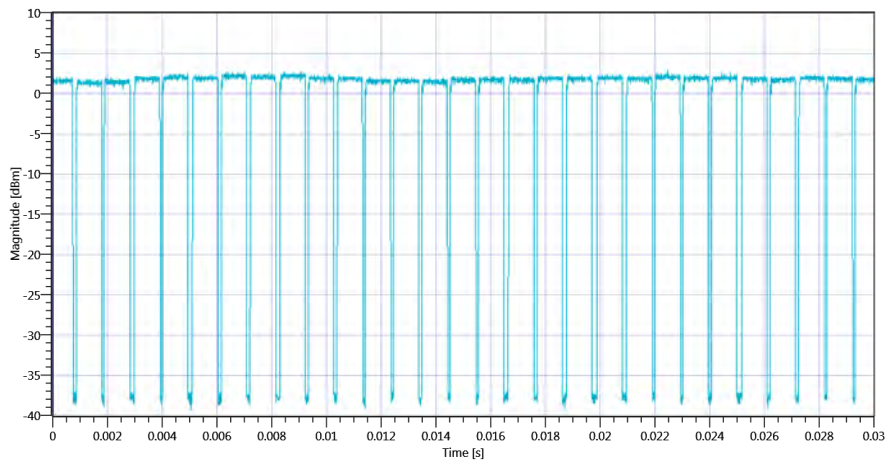
14. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 10:56:23
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

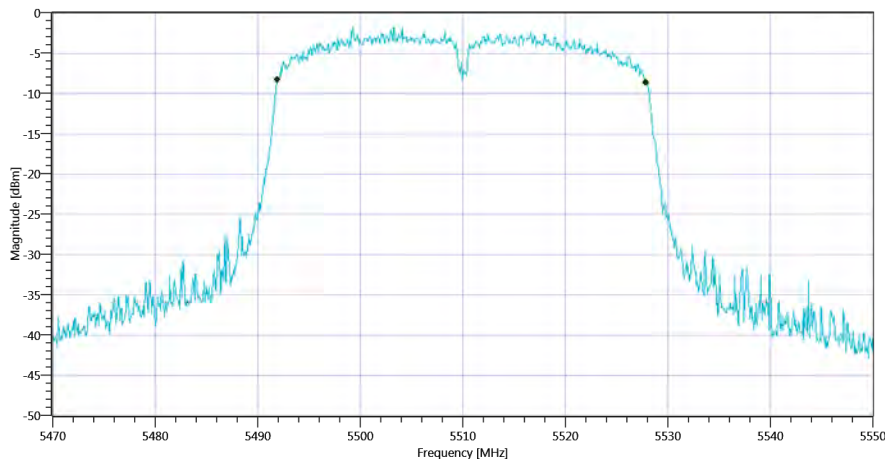
Test at TX 5510 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.922	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5510 MHz - DutyCycle_06112020_105640.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5491.9381	MHz	INFO
T2 99%	---	---	5527.9021	MHz	INFO

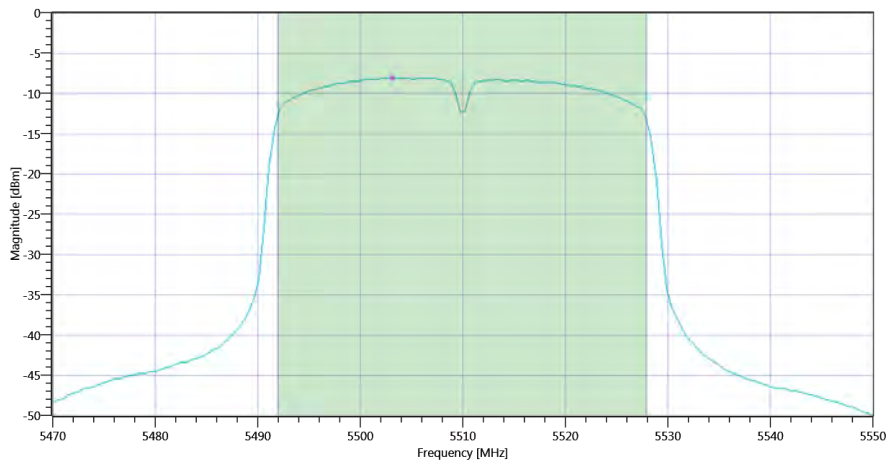


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_105648.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.28 18.97 10
Start [MHz] Stop [MHz]	5470.000 5550.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.23	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.04	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	7.04	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_105712.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-8.07	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-7.26	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 10:57:14 / RT: 51 s	PASS

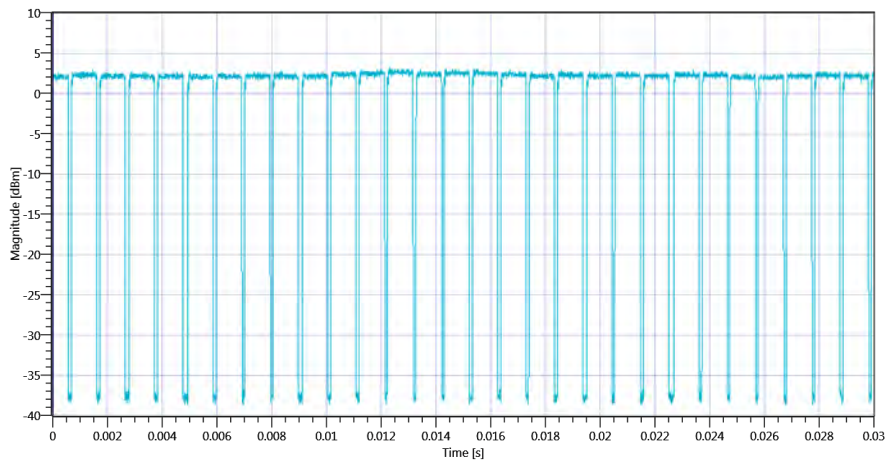
15. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 10:59:59
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	True Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

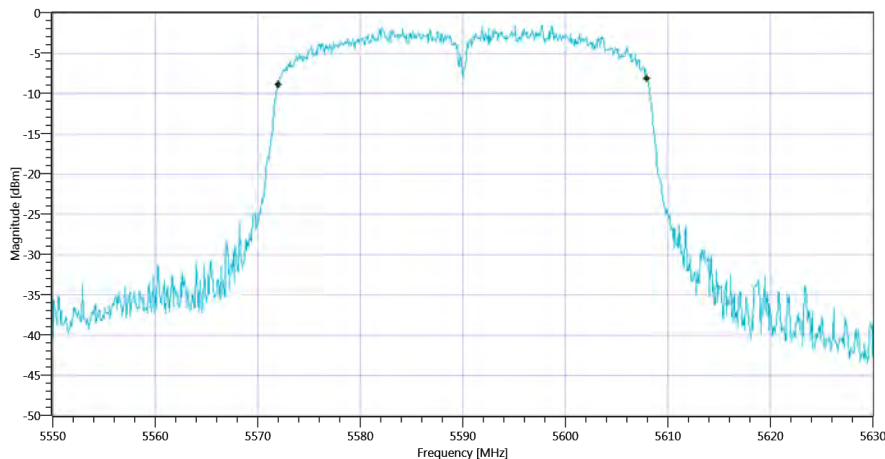
Test at TX 5590 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.187	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5590 MHz - DutyCycle_06112020_110016.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5572.0180	MHz	INFO
T2 99%	---	---	5607.9820	MHz	INFO

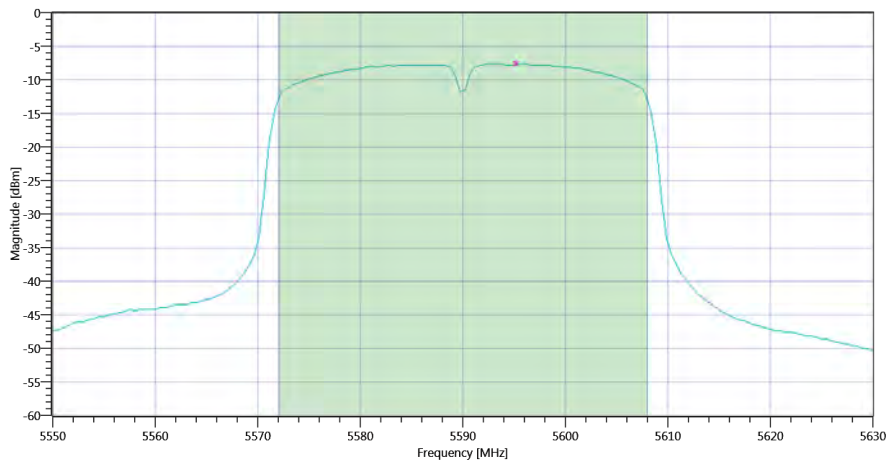


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_110025.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.09 19.1 10
Start [MHz] Stop [MHz]	5550.000 5630.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	6.69	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	7.49	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	7.49	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_110048.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.63	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	11	-6.83	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 11:00:51 / RT: 51 s	PASS

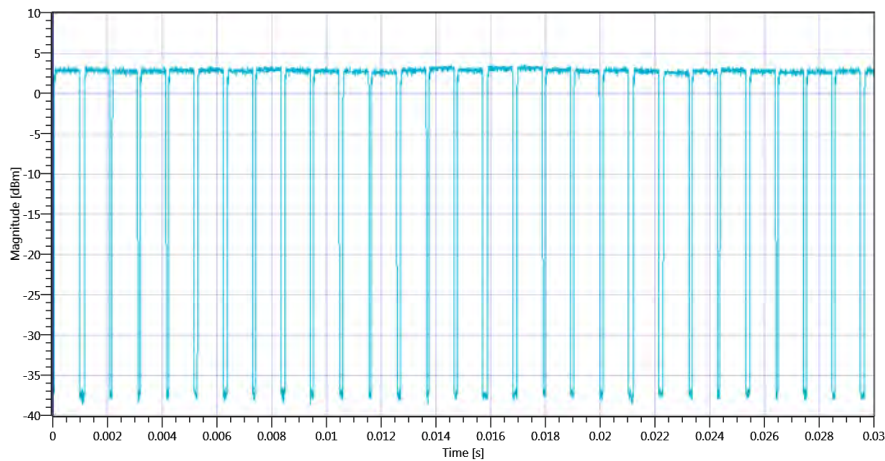
16. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 11:03:36
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	True Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

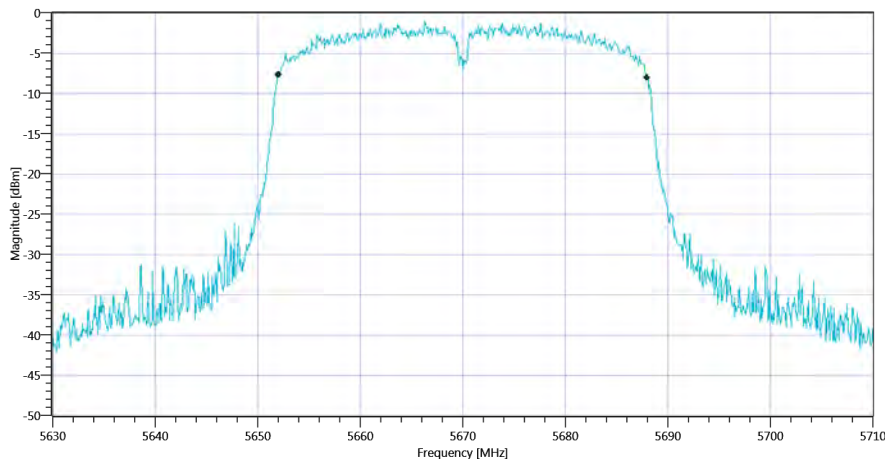
Test at TX 5670 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:27					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.83	---	INFO
Duty Cycle min	---	---	0.809	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C 5670 MHz - DutyCycle_06112020_110354.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5652.0180	MHz	INFO
T2 99%	---	---	5687.9820	MHz	INFO

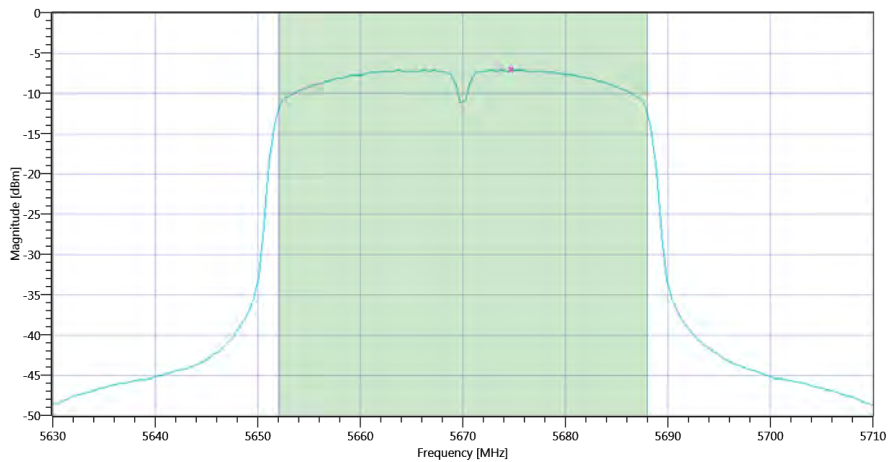


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C BW_06112020_110402.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.05 19.3 10
Start [MHz] Stop [MHz]	5630.000 5710.000
RBW [MHz] VBW [MHz]	1.000000 3.000000
Detector TraceMode	RMS MAXH
Sweep: Time [ms] Count Points per Section Type	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.23	dBm	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	8.04	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	8.04	dBm	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-2C Max OP and PSD_06112020_110426.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-7.14	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.81	dB	INFO
Power Spectral Density DC corrected	---	11	-6.33	dBm/1MHz	PASS

TEST FINISHED		
General Verdict	06.11.2020 11:04:28 / RT: 51 s	PASS

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

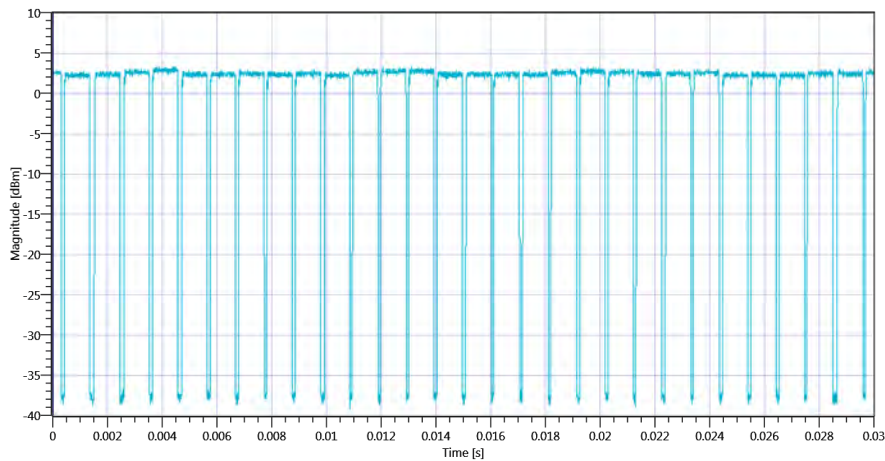
Test References	
TC Start	06.11.2020 11:07:40
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 Version: 0.0.1
My Description	ISED Max Output Power & PSD - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-3
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

Test at TX 5755 MHz

Duty Cycle evaluation

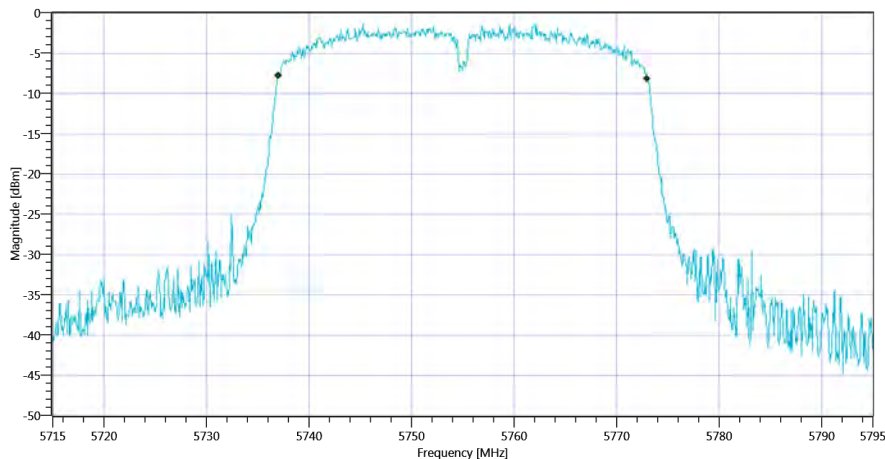
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.824	---	INFO
Duty Cycle min	---	---	0.841	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.195	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 5755 MHz - DutyCycle_06112020_110757.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5737.0180	MHz	INFO
T2 99%	---	---	5772.9820	MHz	INFO

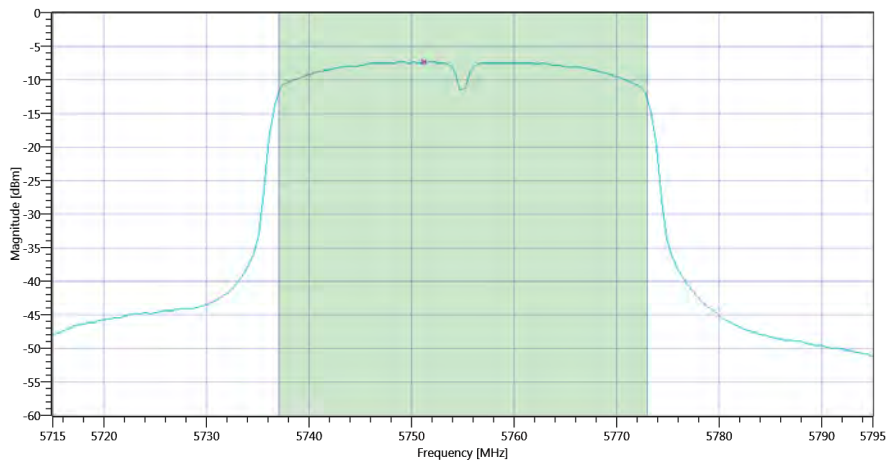


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_06112020_110806.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.37 18.7 10
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	16000 1 160 SWE

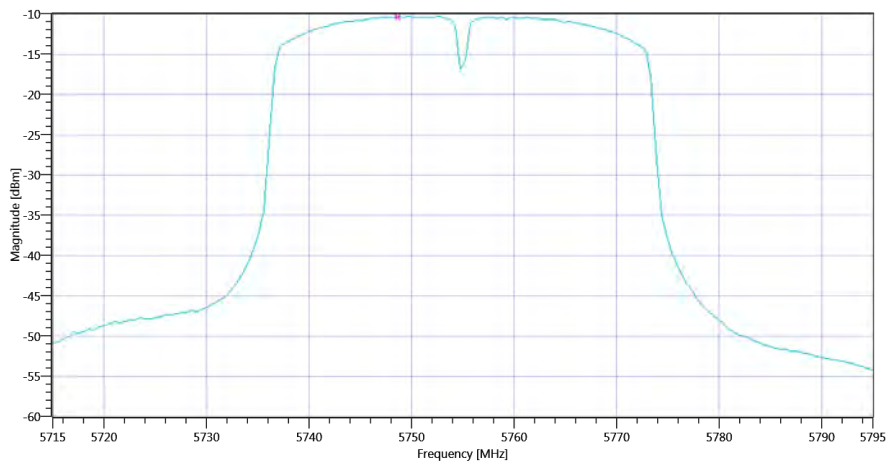
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.03	dBm	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	7.87	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	7.87	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_06112020_110829.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.37 18.7 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-10.37	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0.84	dB	INFO
Power Spectral Density DC corrected	---	30	-9.53	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_06112020_110852.png

TEST FINISHED

General Verdict

06.11.2020 11:08:52 / RT: 72 s

PASS

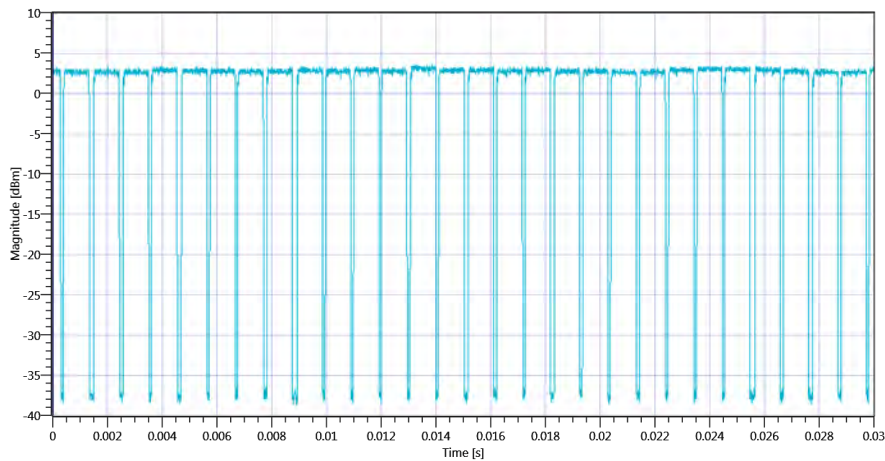
18. ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:12:27
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	ISED
Test Method	
Class / TC Version	TC_VM_FCC15407_Max_Output_Power_and_PSD_V01 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

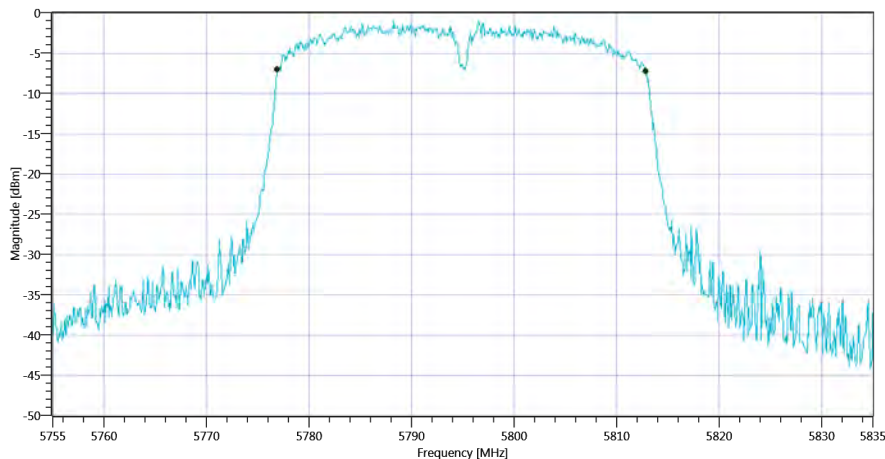
Test at TX 5795 MHz

Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Duty Cycles					
Result Summary					
Number of detected Bursts:28					
Duty Cycle (Burst Ratio) max	---	---	0.898	---	INFO
Duty Cycle max	---	---	0.467	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.831	---	INFO
Duty Cycle min	---	---	0.804	dB	INFO
Max TX Burst Length	---	---	0.923	ms	INFO
Min Gap Length	---	---	0.105	ms	INFO
Max Gap Length	---	---	0.188	ms	INFO



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 5795 MHz - DutyCycle_06112020_111244.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	---	---	5776.9381	MHz	INFO
T2 99%	---	---	5812.9021	MHz	INFO

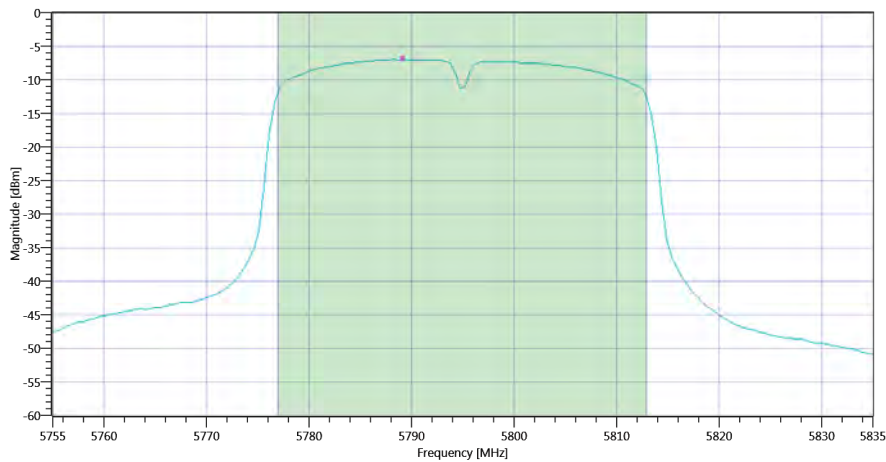


Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 BW_06112020_111253.png

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.30 18.79 10
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	16000 1 160 SWE

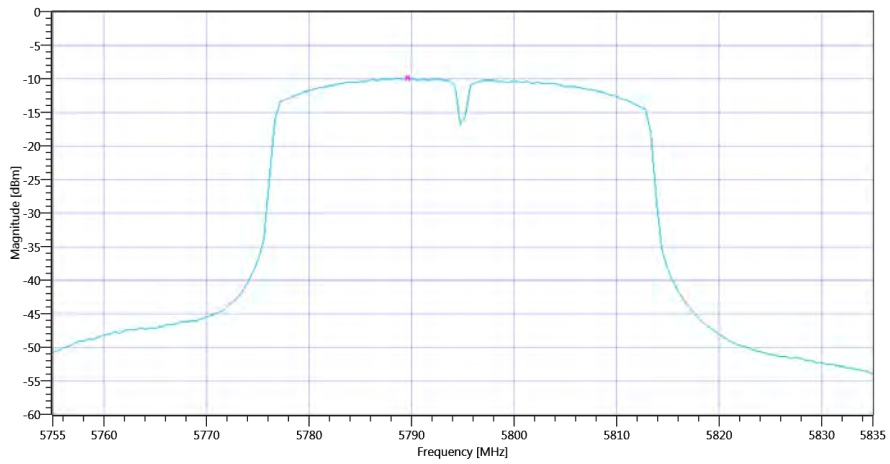
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	7.25	dBm	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	30	8.05	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	26.56	8.05	dBm	not applicable



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 Max OP and PSD_06112020_111317.png

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.30 18.79 10
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	16000 1 160 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	-9.95	dBm/0.5MHz	INFO
Duty Cycle Correction	---	---	0.8	dB	INFO
Power Spectral Density DC corrected	---	30	-9.15	dBm/0.5MHz	PASS



Plot_ISED Max Output Power and PSD ~ WLAN5Gx n-HT40 mode U-NII-3 PSD UNII-3_06112020_111340.png

TEST FINISHED

General Verdict

06.11.2020 11:13:40 / RT: 73 s

PASS

19. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:35:41
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

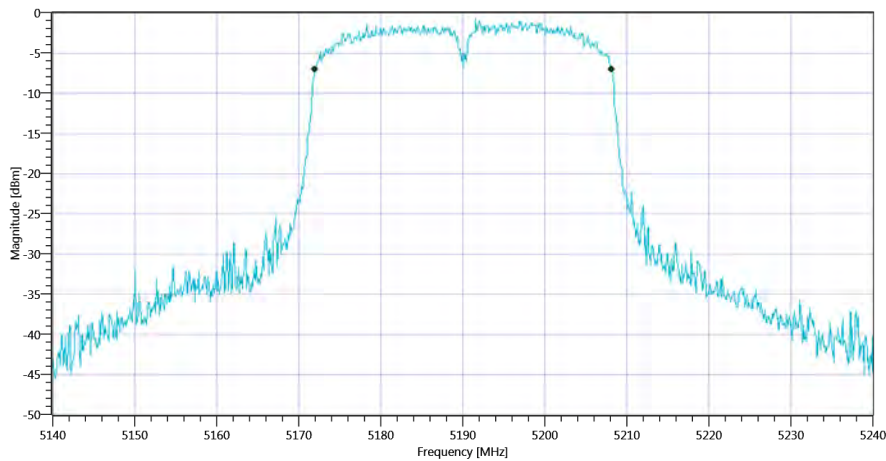
Test at TX 5190 MHz

READ SA SETTINGS:

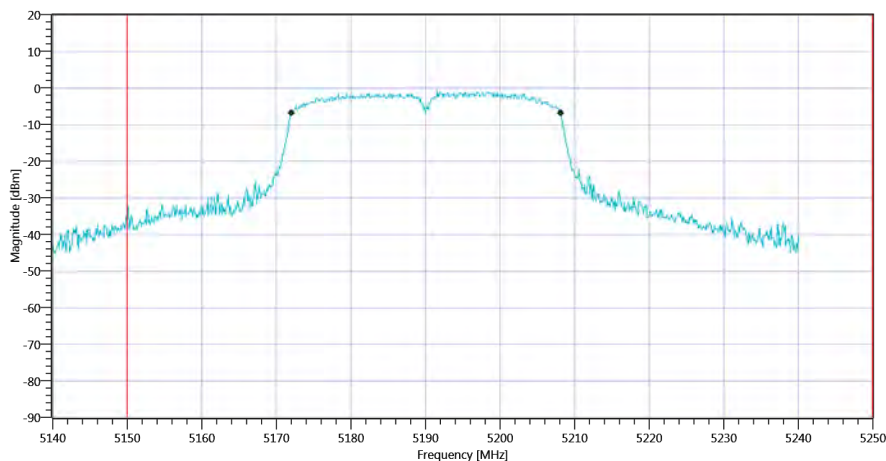
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.98 18.95 10
Start [MHz] Stop [MHz]	5140.000 5240.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.164	MHz	INFO
T1 99%	5150.000000	---	5172.0180	MHz	PASS
T2 99%	---	5250.000000	5208.1818	MHz	PASS



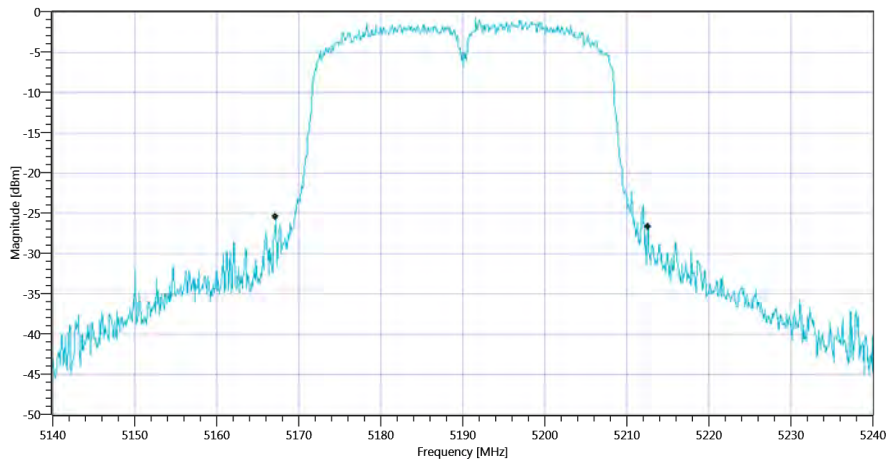
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 99PCT_06112020_103609.png



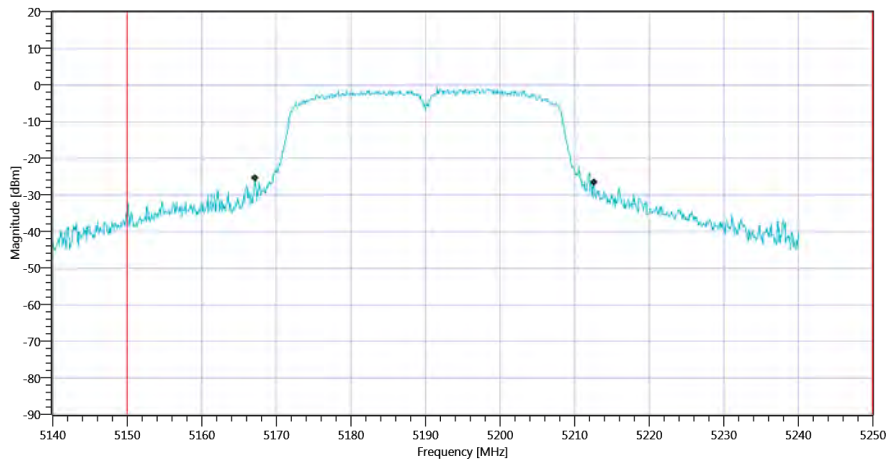
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_06112020_103613.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	45.4	MHz	INFO
T1 26dB	5150.000000	---	5167.2000	MHz	PASS
T2 26dB	---	5250.000000	5212.6000	MHz	PASS



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 26dB_06112020_103618.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_06112020_103622.png

TEST FINISHED

General Verdict

06.11.2020 10:36:22 / RT: 40 s

PASS

20. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	06.11.2020 10:45:20
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

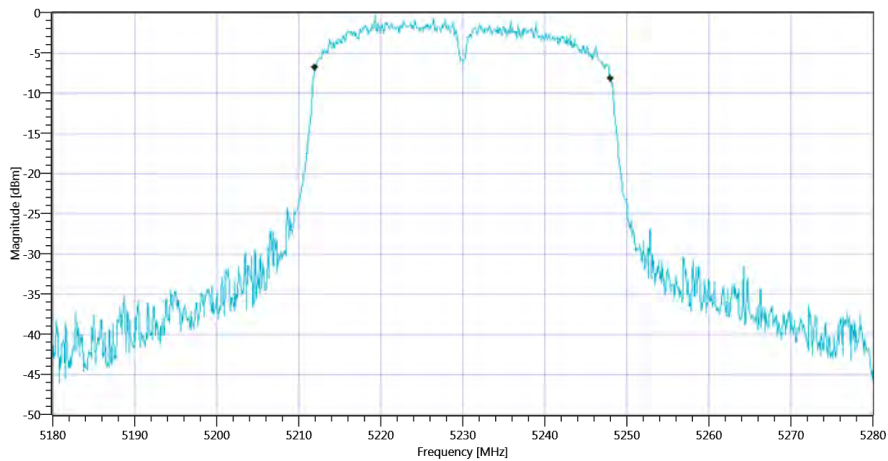
Test at TX 5230 MHz

READ SA SETTINGS:

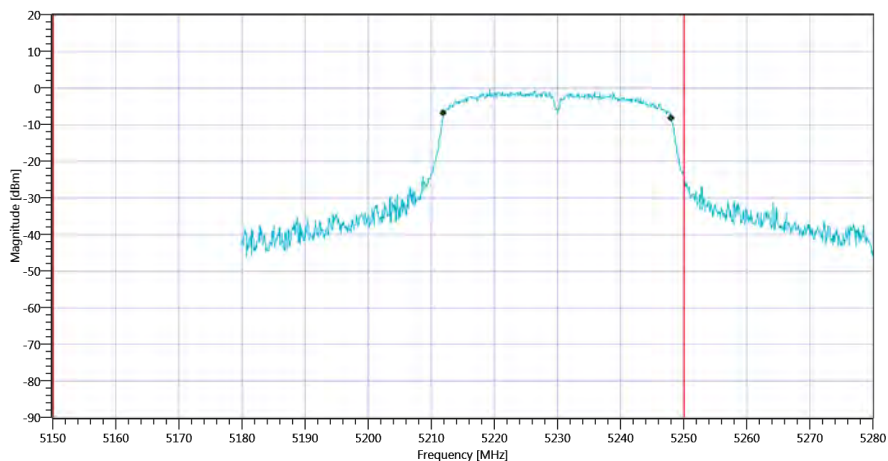
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.88 19 10
Start [MHz] Stop [MHz]	5180.000 5280.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	5150.000000	---	5212.0180	MHz	PASS
T2 99%	---	5250.000000	5247.9820	MHz	PASS



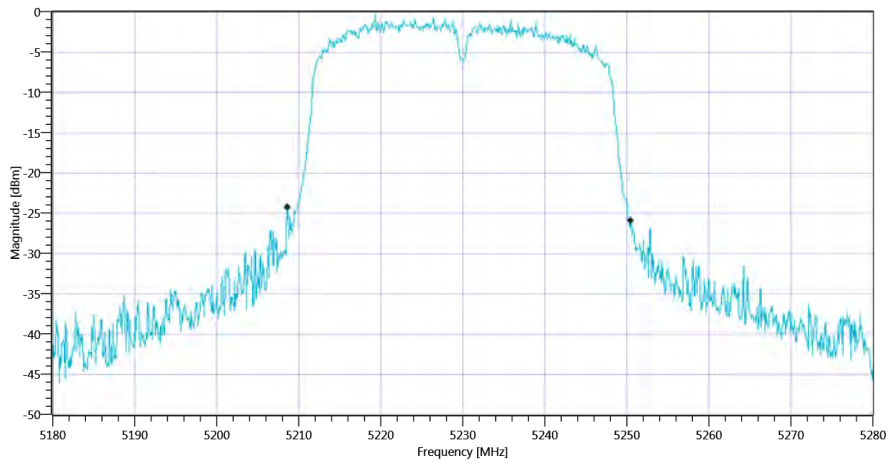
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 99PCT_06112020_104549.png



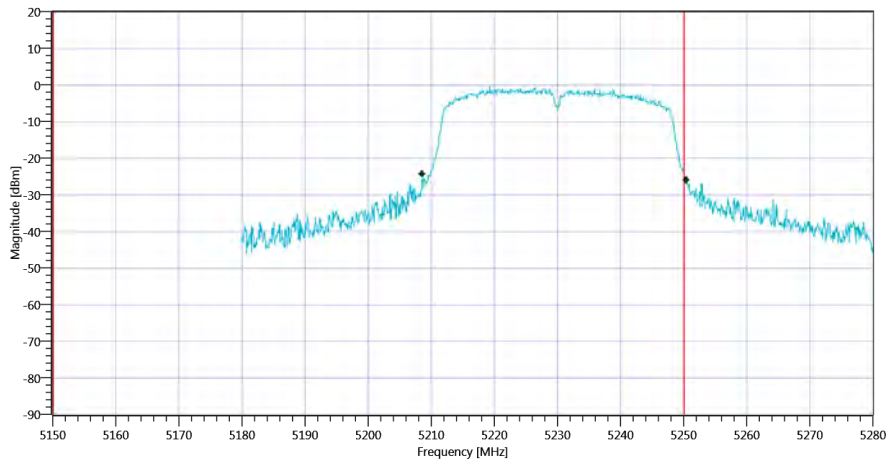
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_06112020_104552.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	41.9	MHz	INFO
T1 26dB	5150.000000	---	5208.6000	MHz	PASS
T2 26dB	---	5250.000000	5250.5000	MHz	DFS required



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 26dB_06112020_104557.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_06112020_104601.png

TEST FINISHED

General Verdict

06.11.2020 10:46:01 / RT: 41 s

PASS

21. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:49:00
Ambit Temp [°C] Humidity [rel%]	25.0 27
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

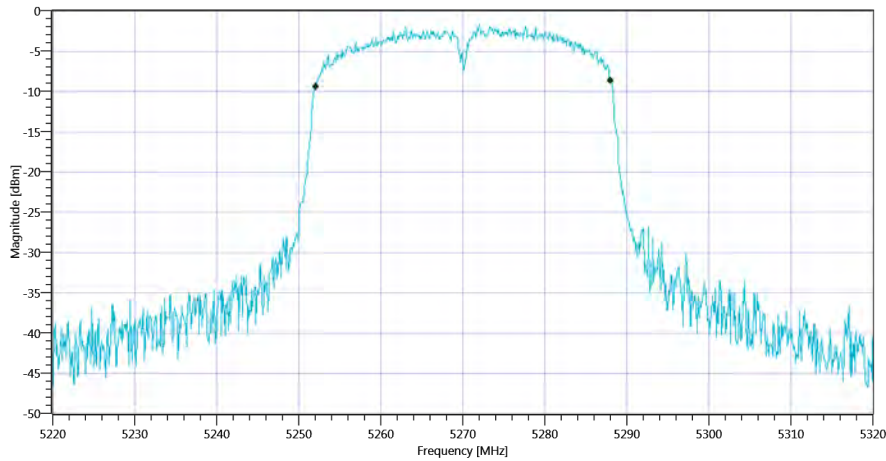
Test at TX 5270 MHz

READ SA SETTINGS:

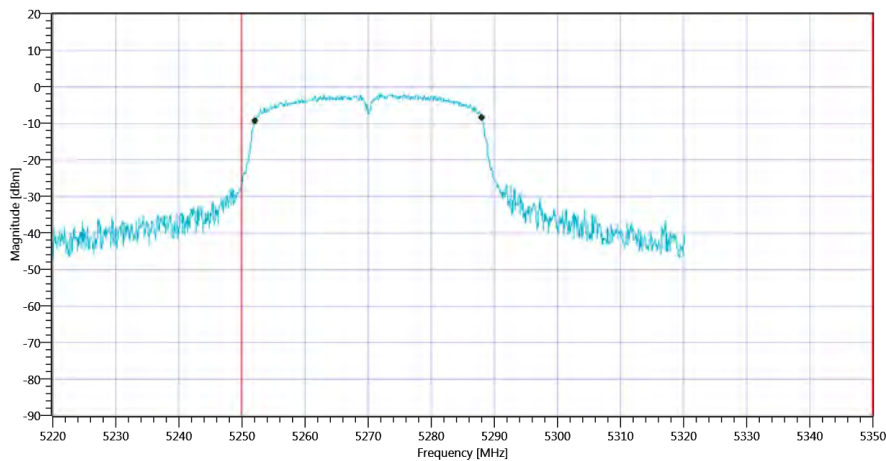
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.09 18.82 10
Start [MHz] Stop [MHz]	5220.000 5320.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.864	MHz	INFO
T1 99%	5250.000000	---	5252.1179	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5287.9820	MHz	PASS



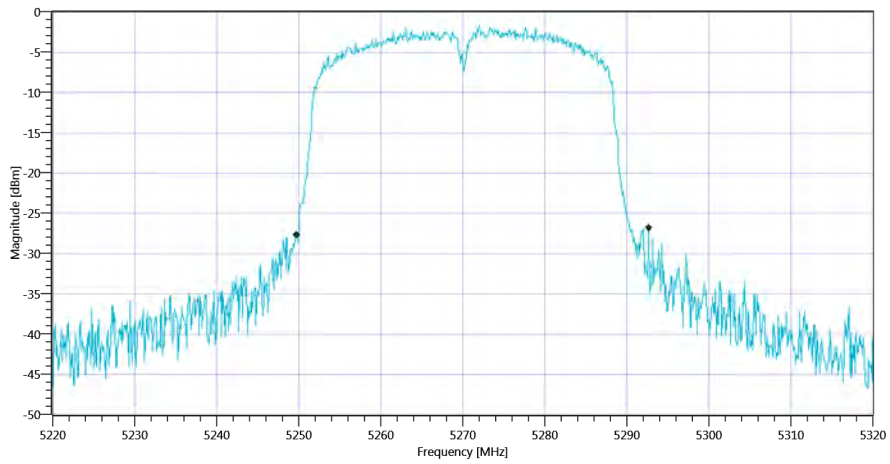
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A 99PCT_06112020_104929.png



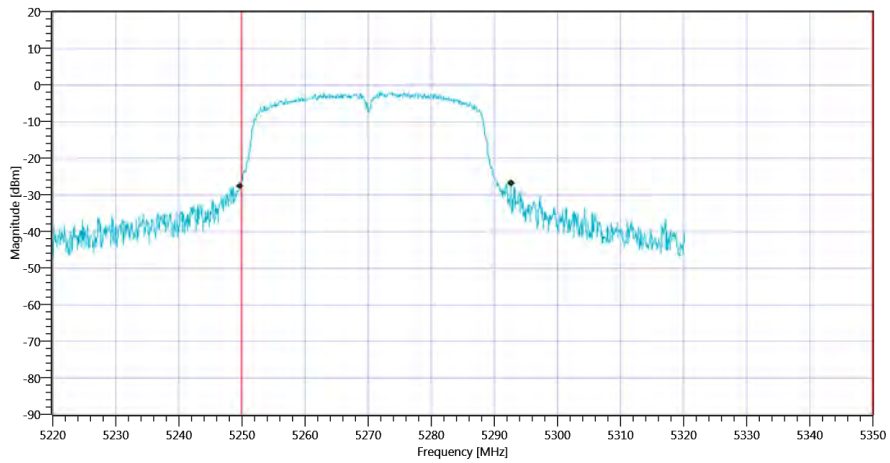
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A_06112020_104933.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	43	MHz	INFO
T1 26dB	5250.000000	---	5249.7000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5292.7000	MHz	PASS



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A 26dB_06112020_104938.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A_06112020_104942.png

TEST FINISHED

General Verdict

06.11.2020 10:49:43 / RT: 42 s

PASS

22. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A

Test References	
TC Start	06.11.2020 10:52:51
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2A
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2A
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5270
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5310
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

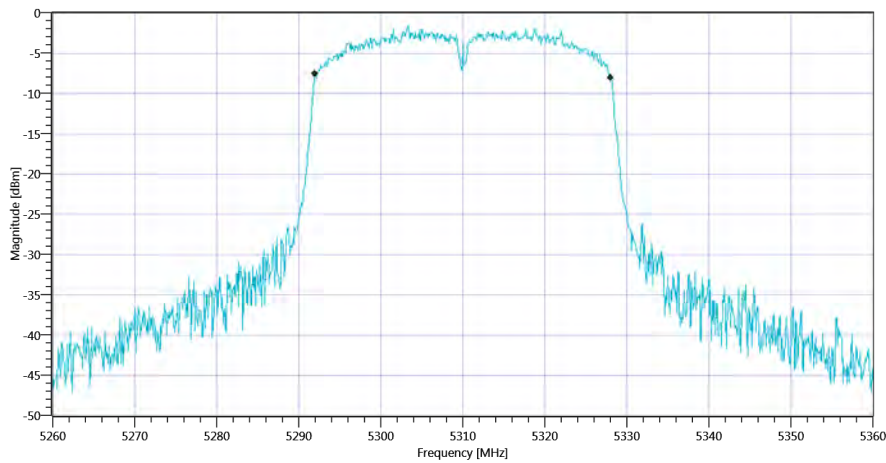
Test at TX 5310 MHz

READ SA SETTINGS:

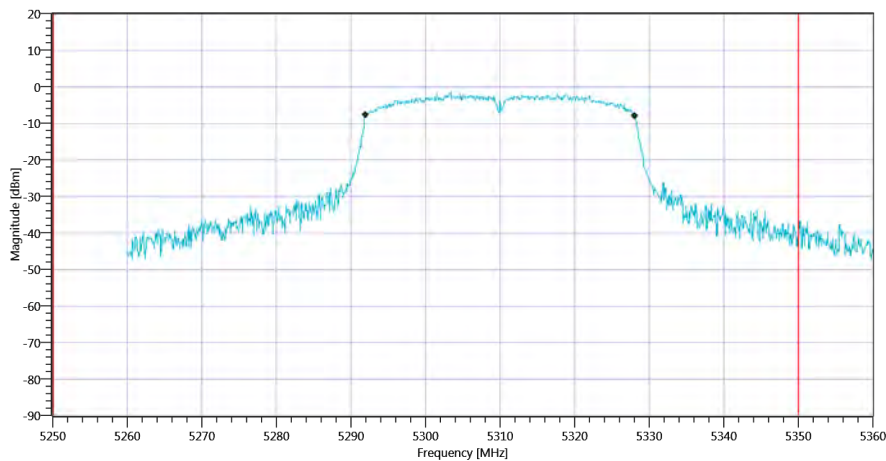
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.96 18.62 10
Start [MHz] Stop [MHz]	5260.000 5360.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.064	MHz	INFO
T1 99%	5250.000000	---	5292.0180	MHz	PASS since U-NII-1 is supported
T2 99%	---	5350.000000	5328.0819	MHz	PASS



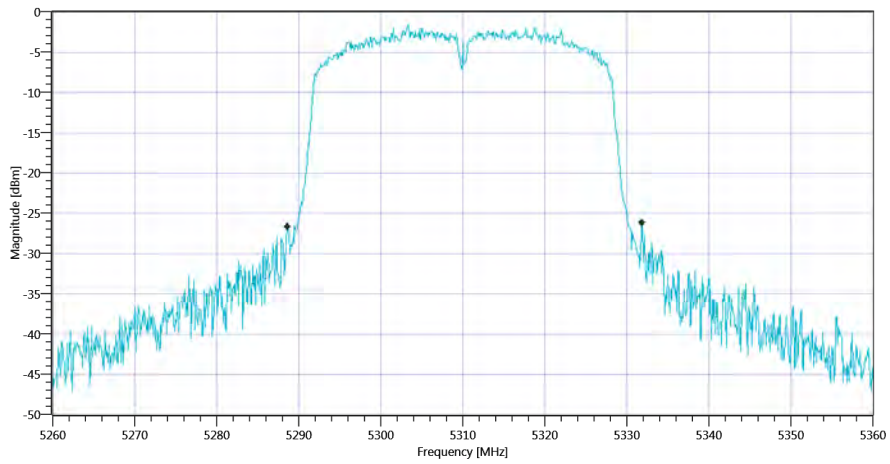
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A_06112020_105319.png



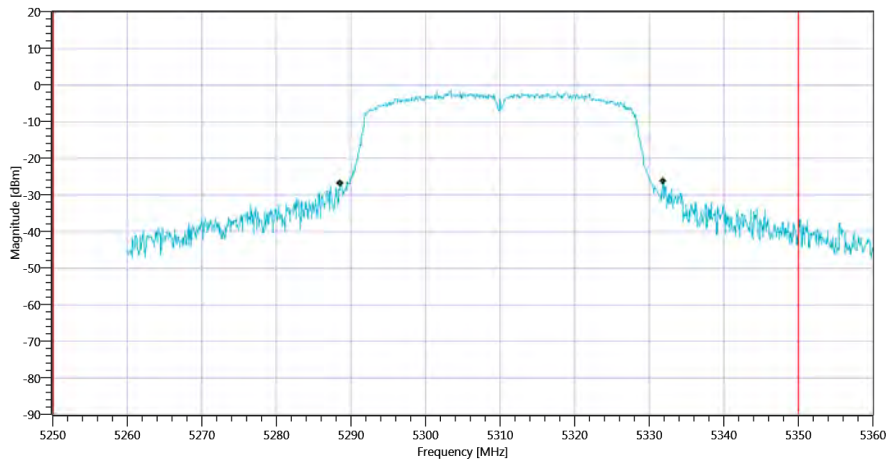
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A_06112020_105323.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	43.3	MHz	INFO
T1 26dB	5250.000000	---	5288.6000	MHz	PASS since U-NII-1 is supported
T2 26dB	---	5350.000000	5331.9000	MHz	PASS



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A 26dB_06112020_105328.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2A_06112020_105332.png

TEST FINISHED

General Verdict

06.11.2020 10:53:32 / RT: 41 s

PASS

23. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 10:57:19
Ambit Temp [°C] Humidity [rel%]	25.0 27
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

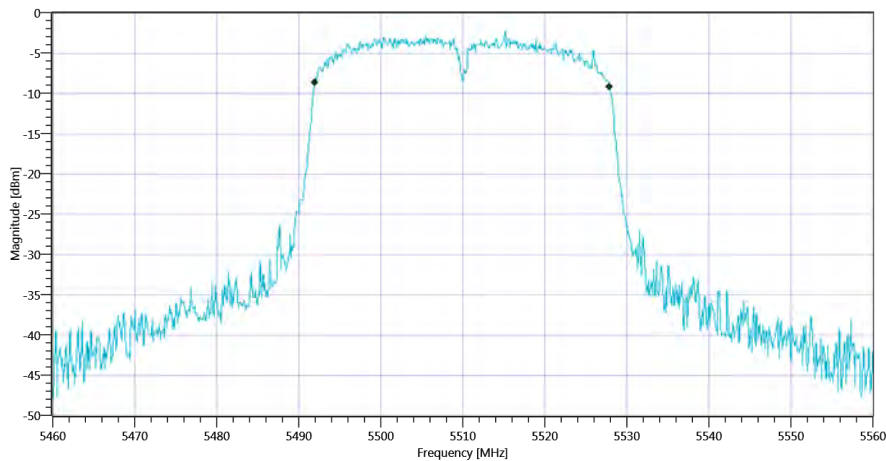
Test at TX 5510 MHz

READ SA SETTINGS:

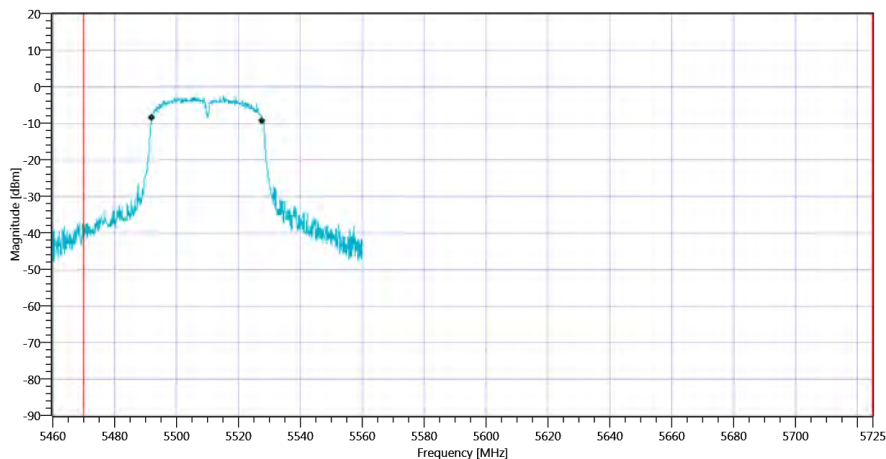
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.53 18.97 5
Start [MHz] Stop [MHz]	5460.000 5560.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	5470.000000	---	5491.9181	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5527.8821	MHz	



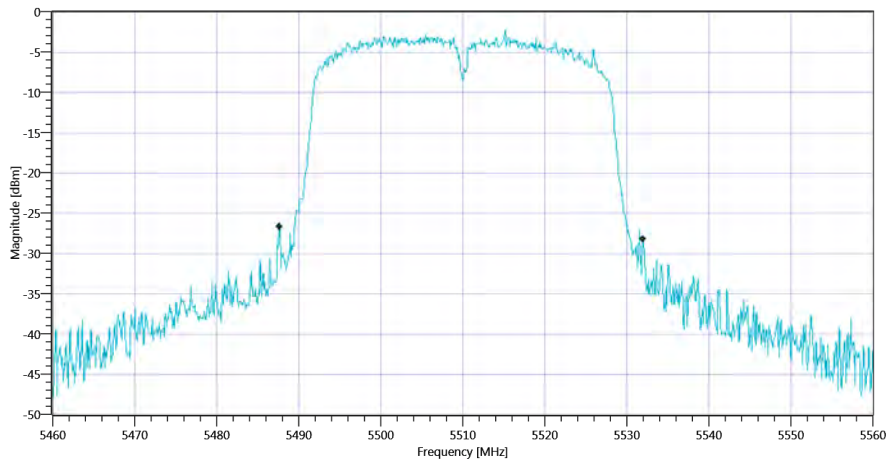
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C 99PCT_06112020_105741.png



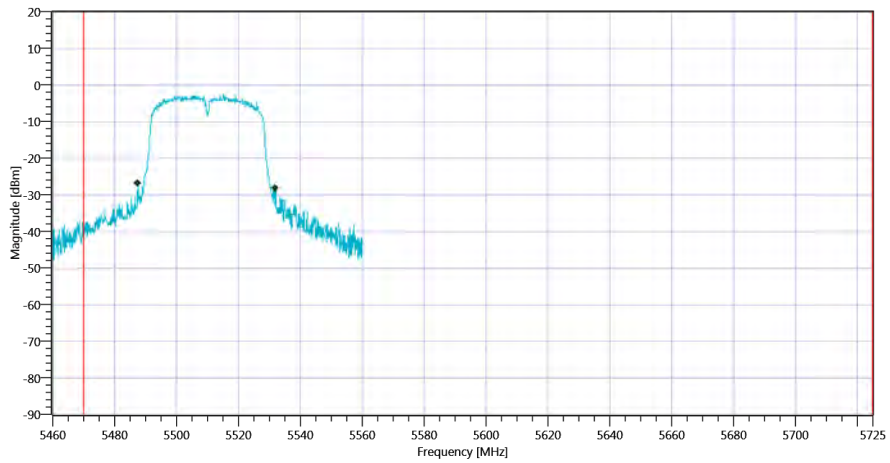
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_105745.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	44.4	MHz	INFO
T1 26dB	5470.000000	---	5487.6000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5532.0000	MHz	



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C 26dB_06112020_105750.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_105753.png

TEST FINISHED

General Verdict

06.11.2020 10:57:54 / RT: 35 s

PASS

24. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 11:00:55
Ambit Temp [°C] Humidity [rel%]	25.0 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	True Freq [MHz] 5590
Frequency high to test	False Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

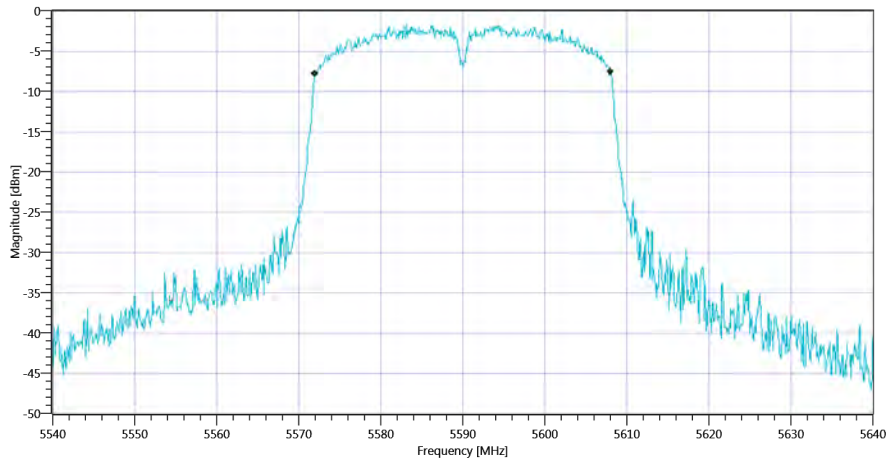
Test at TX 5590 MHz

READ SA SETTINGS:

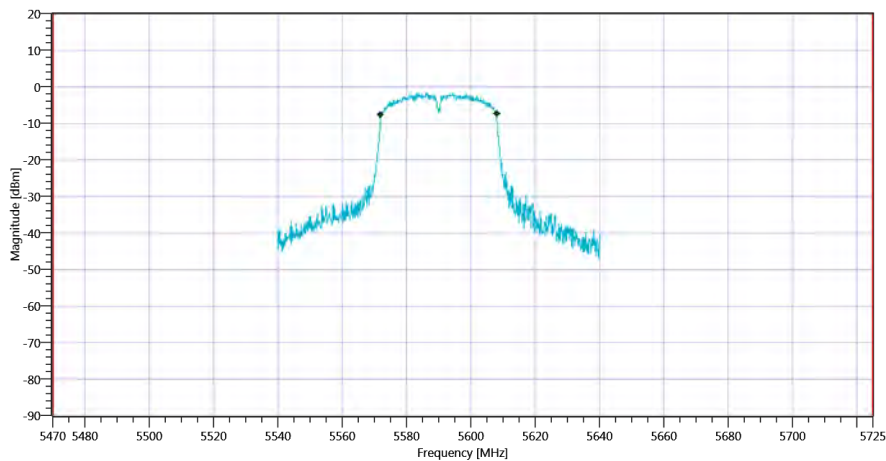
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.03 19.1 10
Start [MHz] Stop [MHz]	5540.000 5640.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.064	MHz	INFO
T1 99%	5470.000000	---	5572.0180	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5608.0819	MHz	



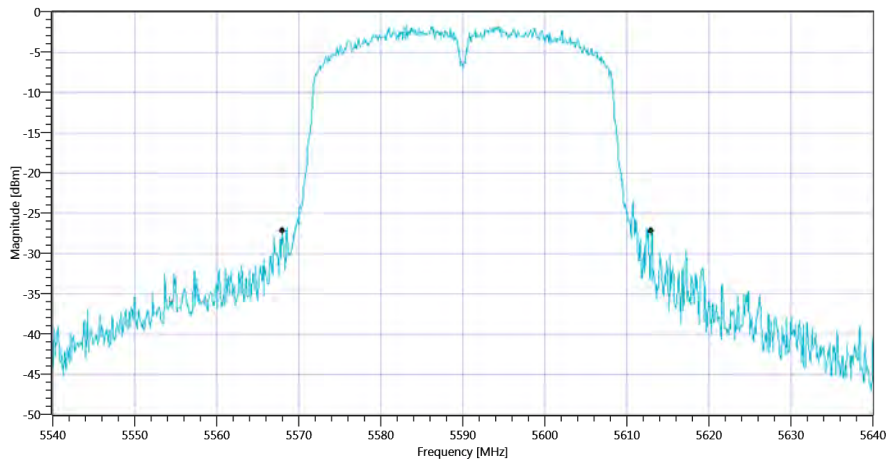
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C 99PCT_06112020_110117.png



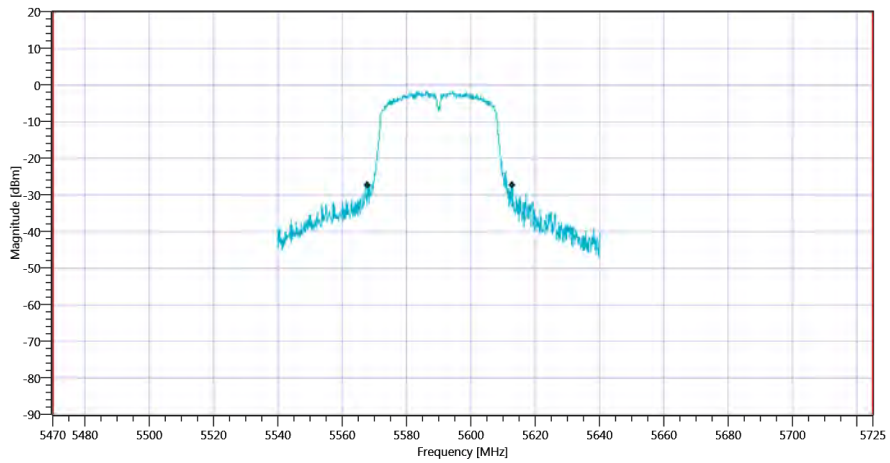
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_110121.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	45	MHz	INFO
T1 26dB	5470.000000	---	5568.0000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5613.0000	MHz	



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C 26dB_06112020_110126.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_110130.png

TEST FINISHED

General Verdict

06.11.2020 11:01:30 / RT: 35 s

PASS

25. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C

Test References	
TC Start	06.11.2020 11:04:32
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-2C
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-2C
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5510
Frequency mid to test	False Freq [MHz] 5590
Frequency high to test	True Freq [MHz] 5670
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

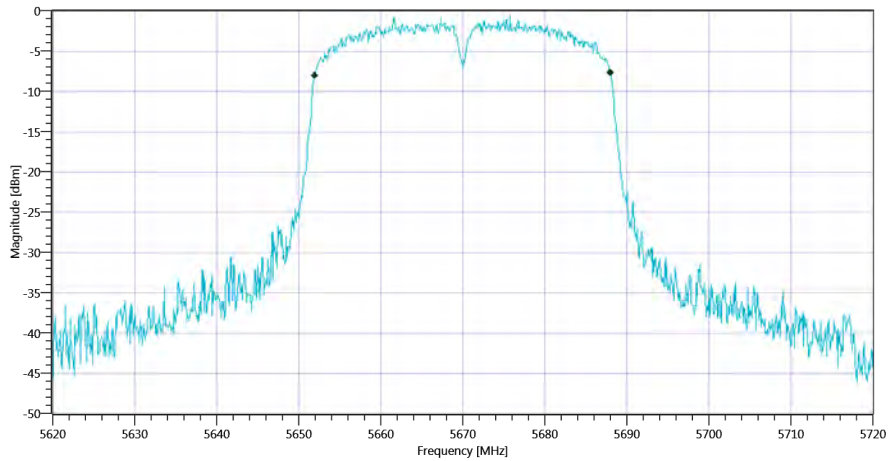
Test at TX 5670 MHz

READ SA SETTINGS:

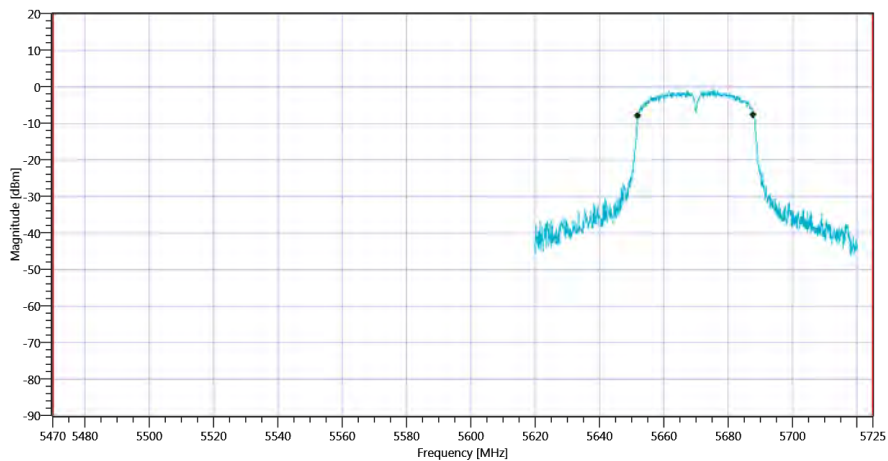
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.66 19.3 10
Start [MHz] Stop [MHz]	5620.000 5720.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	5470.000000	---	5652.0180	MHz	PASS since U-NII-3 is supported
T2 99%	---	5725.000000	5687.9820	MHz	



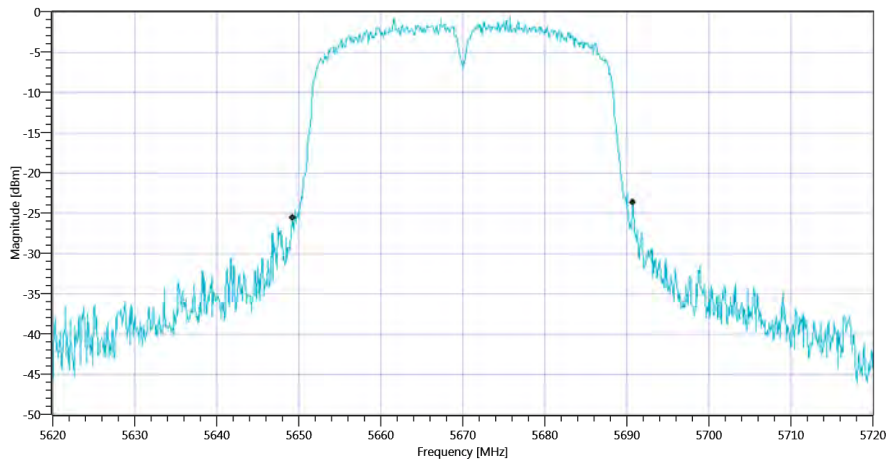
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_110455.png



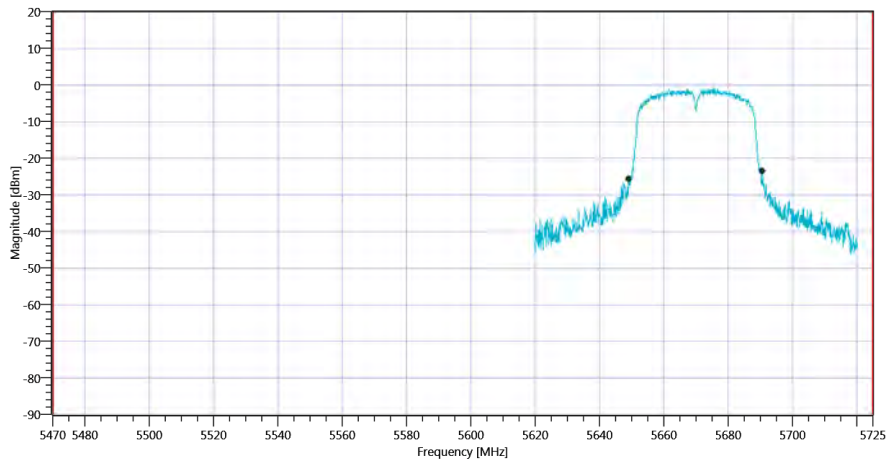
Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_110459.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	41.6	MHz	INFO
T1 26dB	5470.000000	---	5649.2000	MHz	PASS since U-NII-3 is supported
T2 26dB	---	5725.000000	5690.8000	MHz	



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C 26dB_06112020_110504.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-2C_06112020_110508.png

TEST FINISHED

General Verdict

06.11.2020 11:05:08 / RT: 35 s

PASS

26. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:08:57
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

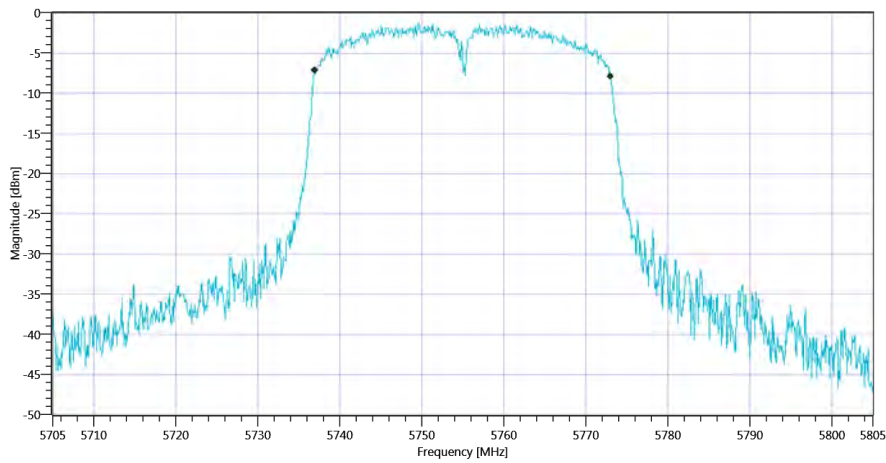
Test at TX 5755 MHz

READ SA SETTINGS:

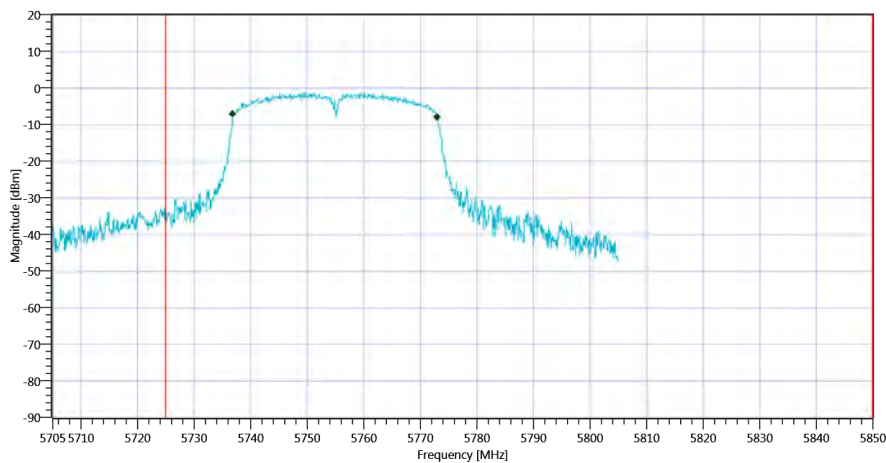
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	8.97 18.7 10
Start [MHz] Stop [MHz]	5705.000 5805.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.064	MHz	INFO
T1 99%	5725.000000	---	5736.9181	MHz	PASS
T2 99%	---	5850.000000	5772.9820	MHz	PASS



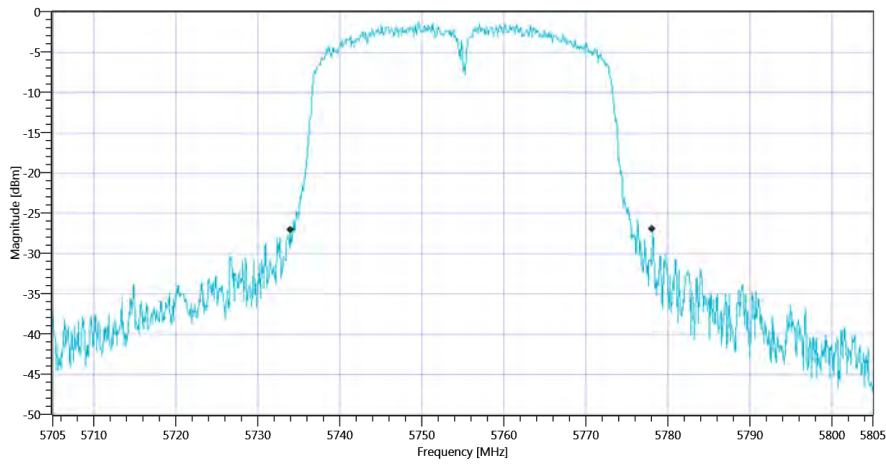
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 99PCT_06112020_110920.png



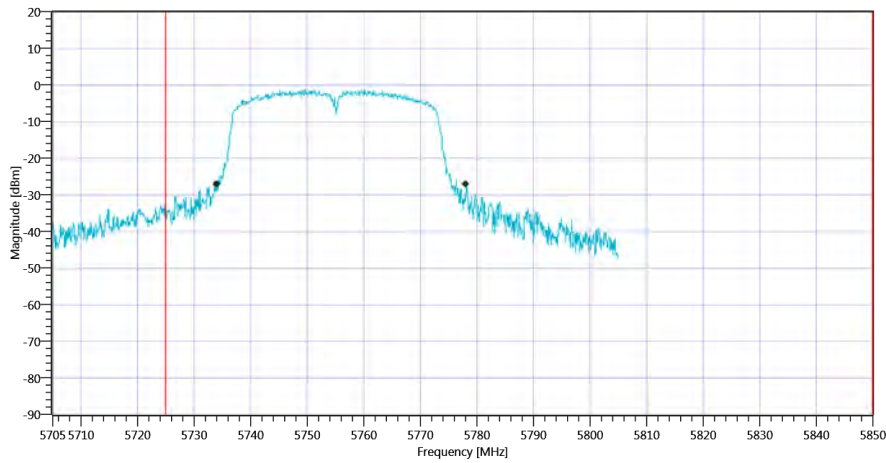
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_110923.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	44.1	MHz	INFO
T1 26dB	5725.000000	---	5734.0000	MHz	PASS
T2 26dB	---	5850.000000	5778.1000	MHz	PASS



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 26dB_06112020_110928.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_110932.png

TEST FINISHED

General Verdict

06.11.2020 11:09:33 / RT: 35 s

PASS

27. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:13:45
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
Class / TC Version	TC_VM_FCC15407_Bandwidths_V01 Version: 0.0.1
My Description	FCC 15.407 Bandwidths - 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

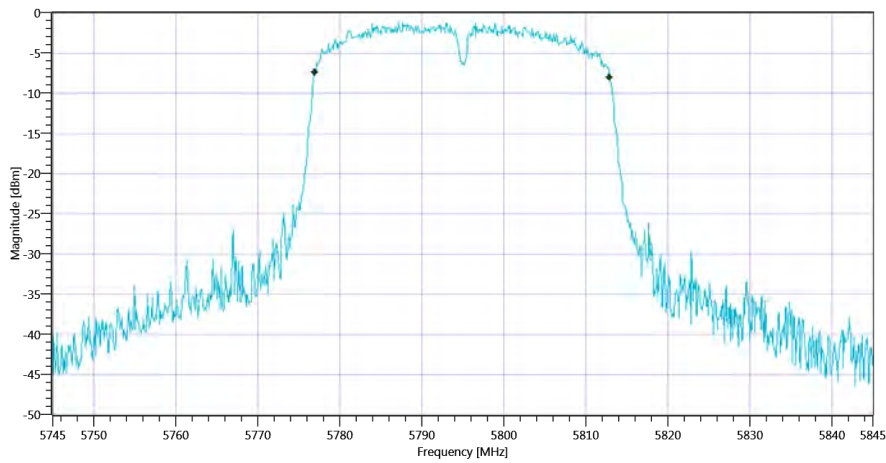
Test at TX 5795 MHz

READ SA SETTINGS:

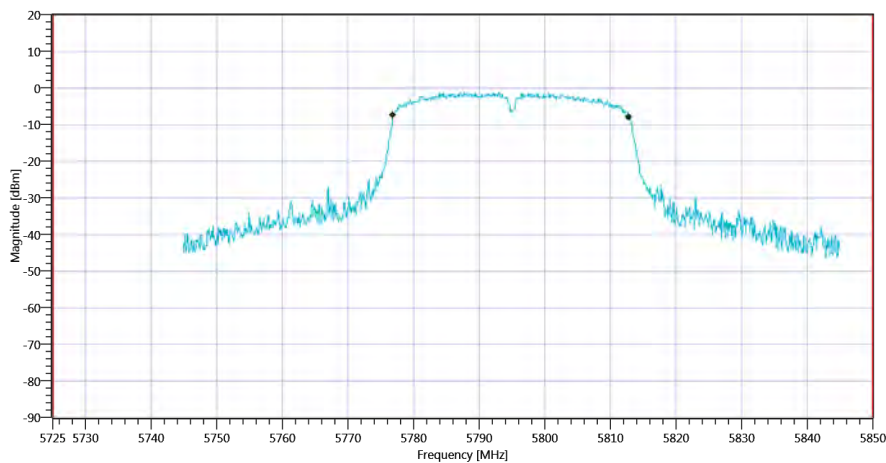
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	9.56 18.79 10
Start [MHz] Stop [MHz]	5745.000 5845.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	35.964	MHz	INFO
T1 99%	5725.000000	---	5776.9181	MHz	PASS
T2 99%	---	5850.000000	5812.8821	MHz	PASS



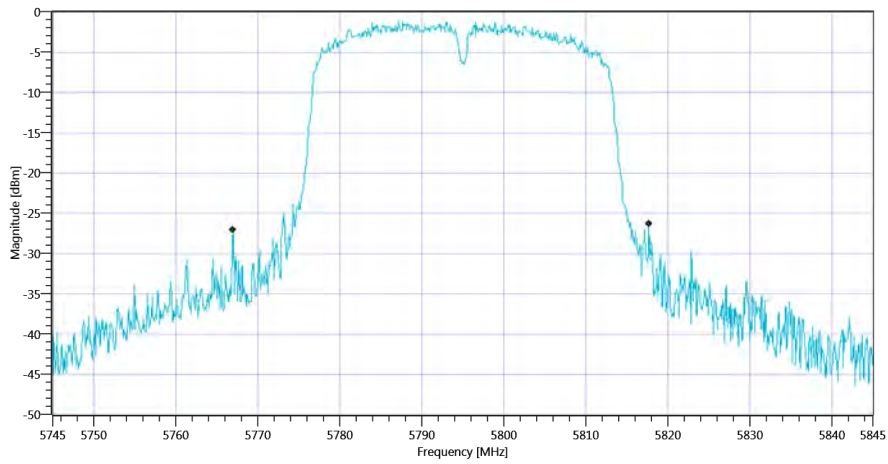
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 99PCT_06112020_111408.png



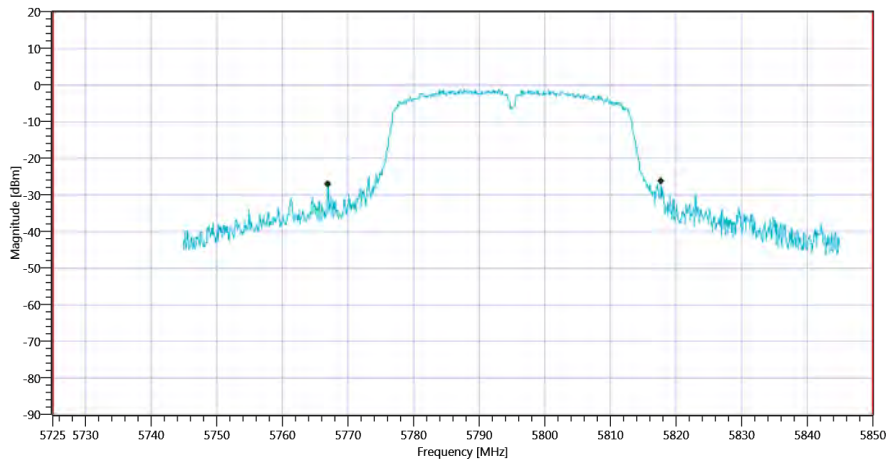
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_111411.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	50.7	MHz	INFO
T1 26dB	5725.000000	---	5767.0000	MHz	PASS
T2 26dB	---	5850.000000	5817.7000	MHz	PASS



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 26dB_06112020_111416.png



Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_111420.png

TEST FINISHED

General Verdict

06.11.2020 11:14:21 / RT: 35 s

PASS

28. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:09:37
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
Class / TC Version	TC_VM_FCC15407_Min_Emission_BW_V01 Version: 0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - 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	mid
Voltage	mid
Frequency low to test	True Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	False Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

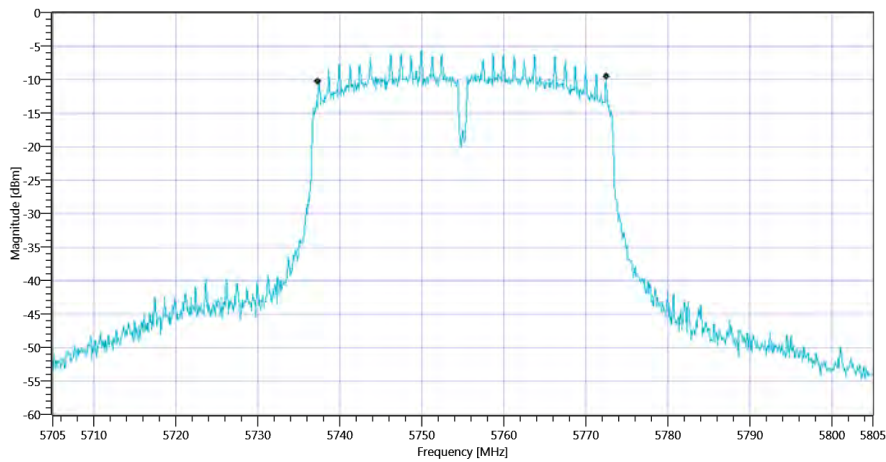
Test at TX 5755 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.03 18.7 10
Start [MHz] Stop [MHz]	5705.000 5805.000
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	---	35.1	MHz	PASS



Plot_FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_110959.png

TEST FINISHED

General Verdict

06.11.2020 11:10:00 / RT: 22 s

PASS

29. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3

Test References	
TC Start	06.11.2020 11:14:25
Ambit Temp [°C] Humidity [rel%]	25.1 26
System Version	1.0.1.1
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
Class / TC Version	TC_VM_FCC15407_Min_Emission_BW_V01 Version: 0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - 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	mid
Voltage	mid
Frequency low to test	False Freq [MHz] 5755
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5795
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	SA: Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60

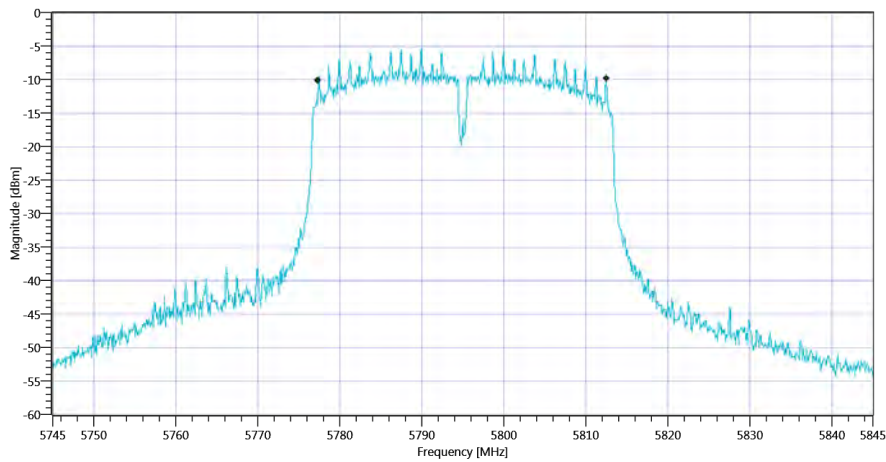
Test at TX 5795 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.49 18.79 10
Start [MHz] Stop [MHz]	5745.000 5845.000
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	---	35.1	MHz	PASS



Plot_FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT40 mode U-NII-3_06112020_111447.png

TEST FINISHED

General Verdict	06.11.2020 11:14:48 / RT: 22 s	PASS
-----------------	--------------------------------	------

- END OF DOCUMENT -