

39. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:05:29
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

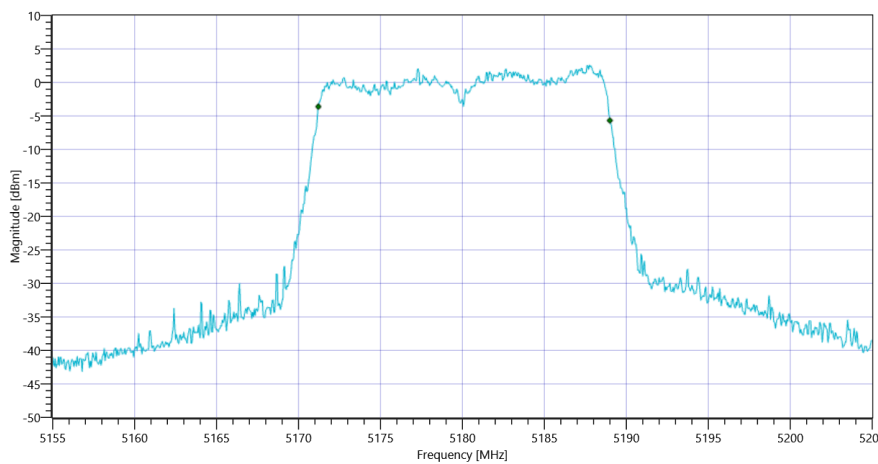
Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5180 MHz

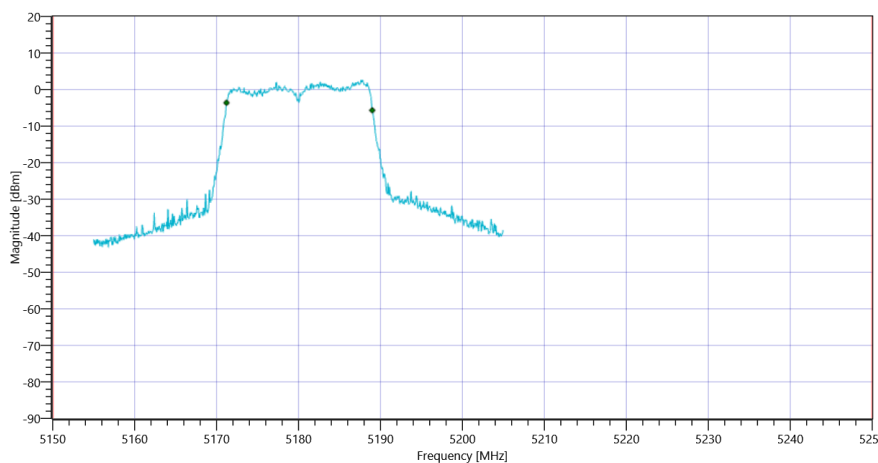
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.20 18.39 15
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.782	MHz	INFO
T1 99%	5150.000000	---	5171.2088	MHz	PASS
T2 99%	---	5250.000000	5188.9910	MHz	PASS

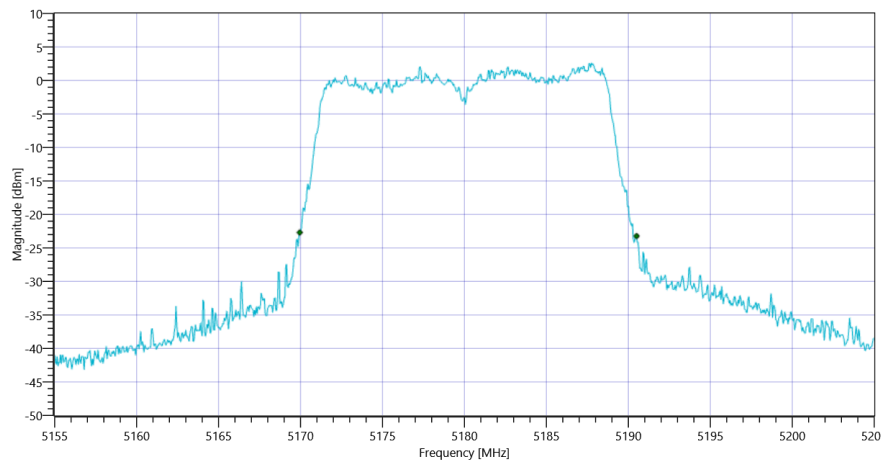


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1 99PCT_18082021_100600.png

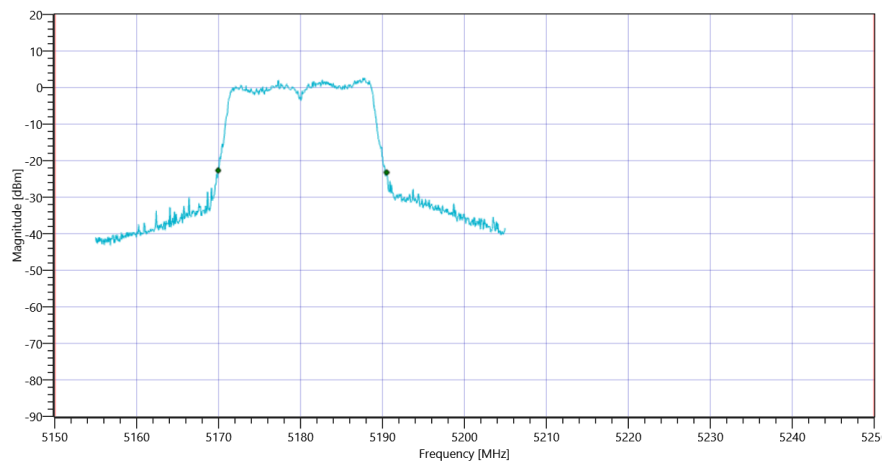


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_100607.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.55	MHz	INFO
T1 26dB	5150.000000	---	5169.9500	MHz	PASS
T2 26dB	---	5250.000000	5190.5000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1 26dB_18082021_100615.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_100622.png

TEST FINISHED

General Verdict

PASS

40. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:22:41
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

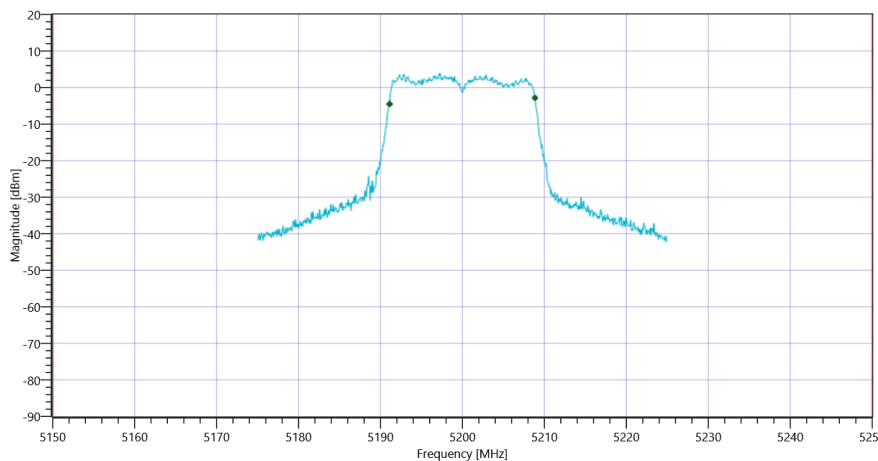
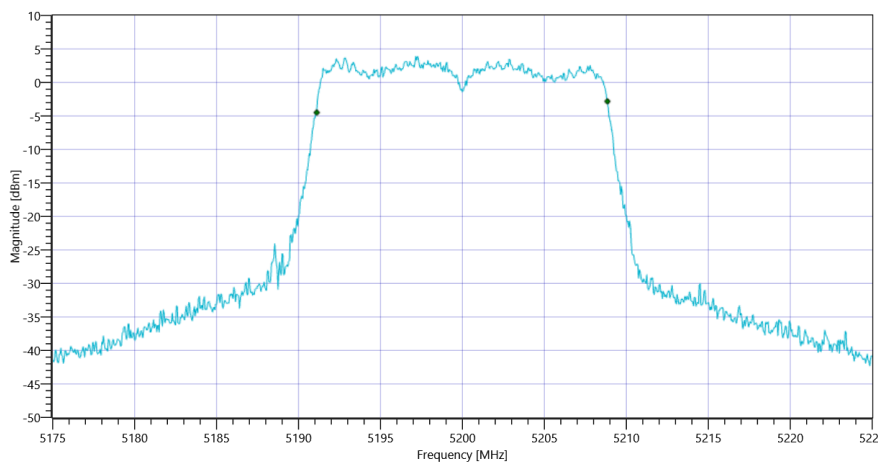
Test at TX 5200 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.43 18.71 15
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

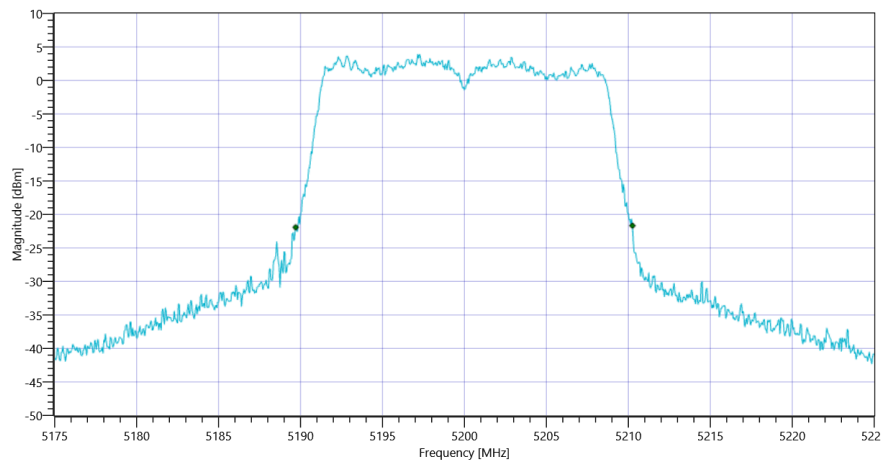
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.732	MHz	INFO
T1 99%	5150.000000	---	5191.1089	MHz	PASS
T2 99%	---	5250.000000	5208.8412	MHz	PASS

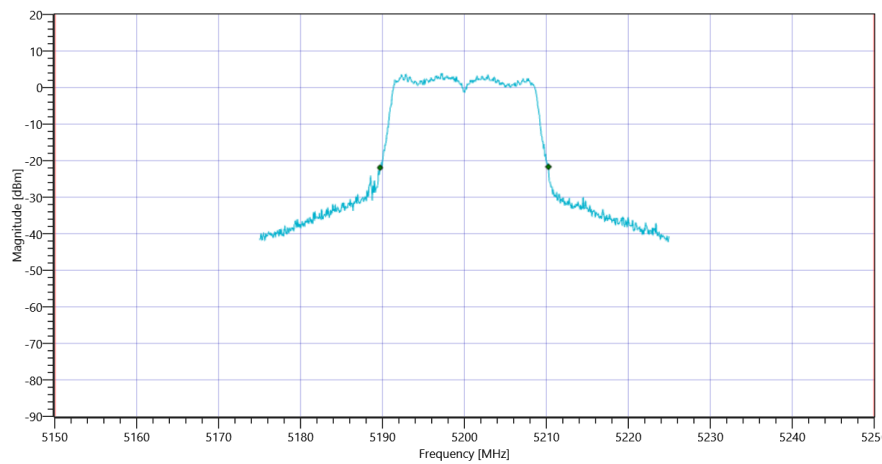


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.55	MHz	INFO
T1 26dB	5150.000000	---	5189.7000	MHz	PASS
T2 26dB	---	5250.000000	5210.2500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1 26dB_18082021_102326.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_102333.png

TEST FINISHED

General Verdict

PASS

41. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:27:44
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

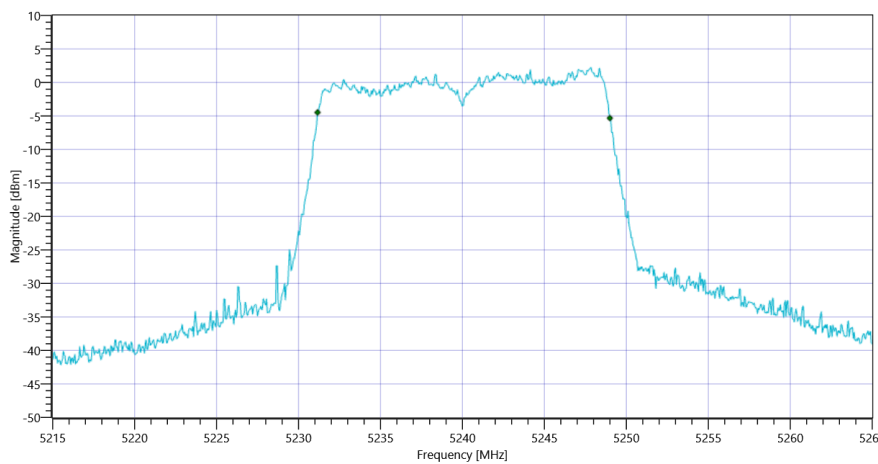
Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5240 MHz

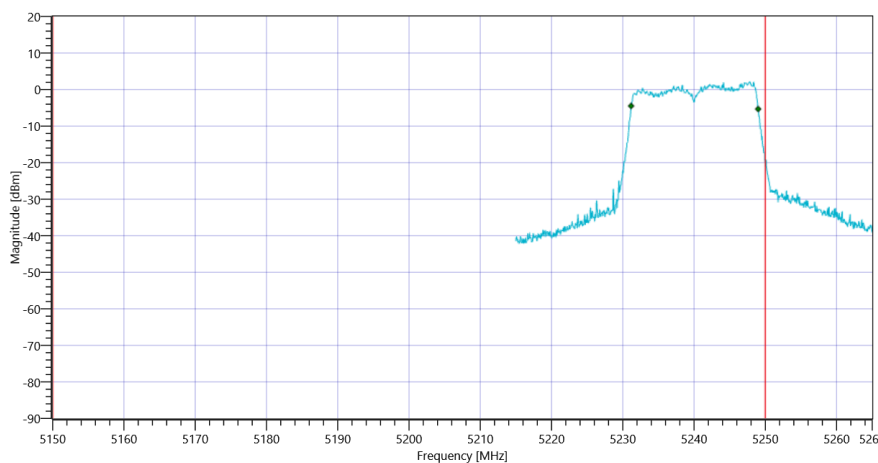
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.37 18.83 15
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.832	MHz	INFO
T1 99%	5150.000000	---	5231.1588	MHz	PASS
T2 99%	---	5250.000000	5248.9910	MHz	PASS

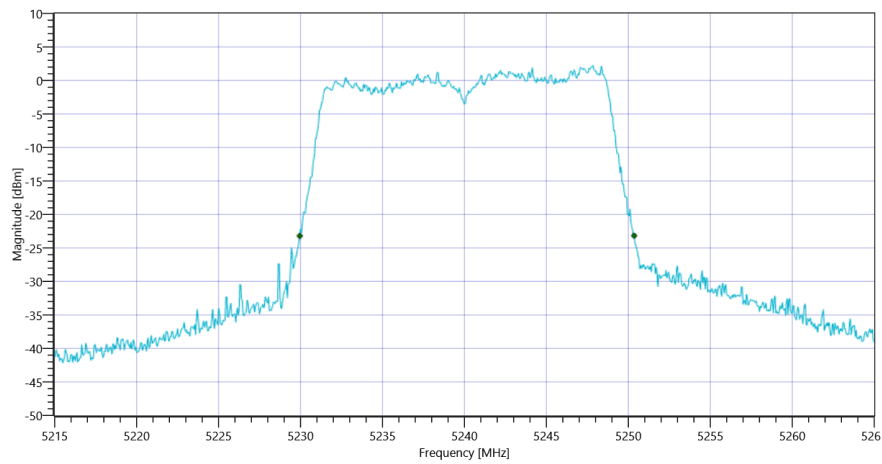


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1 99PCT_18082021_102809.png

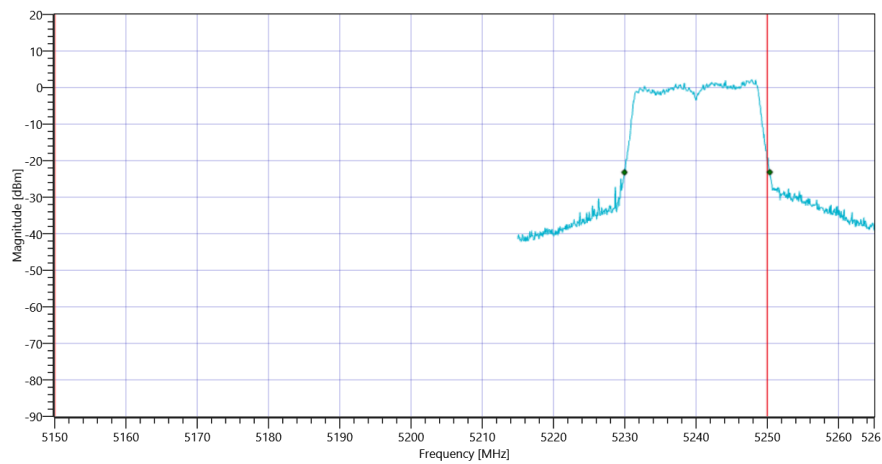


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_102816.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.4	MHz	INFO
T1 26dB	5150.000000	---	5229.9500	MHz	PASS
T2 26dB	---	5250.000000	5250.3500	MHz	DFS required



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1 26dB_18082021_102823.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_102830.png

TEST FINISHED

General Verdict

PASS

42. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:34:42
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

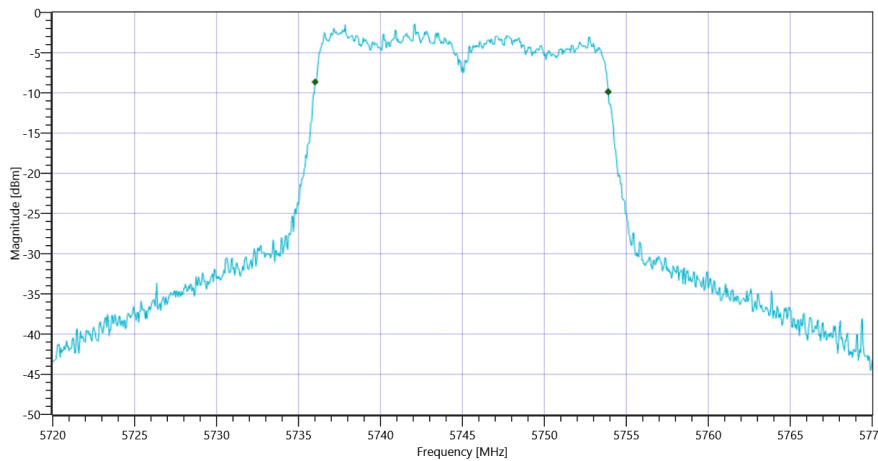
Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5745 MHz

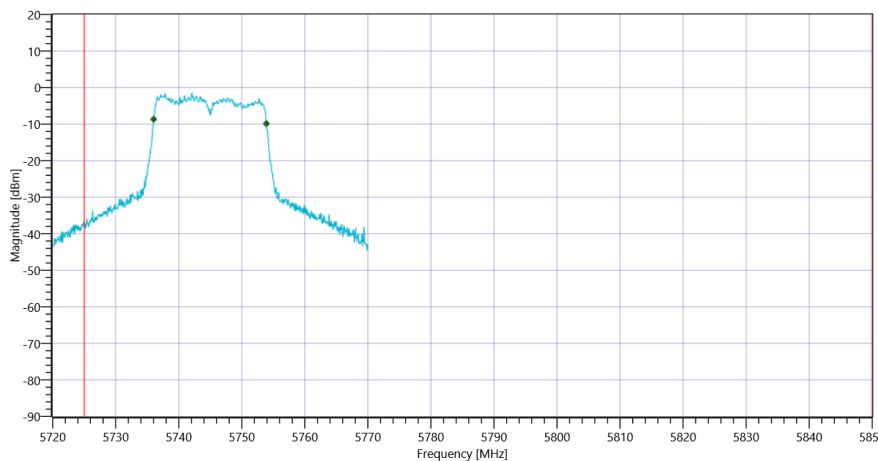
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.05 18.38 10
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.882	MHz	INFO
T1 99%	5725.000000	---	5736.0090	MHz	PASS
T2 99%	---	5850.000000	5753.8911	MHz	PASS

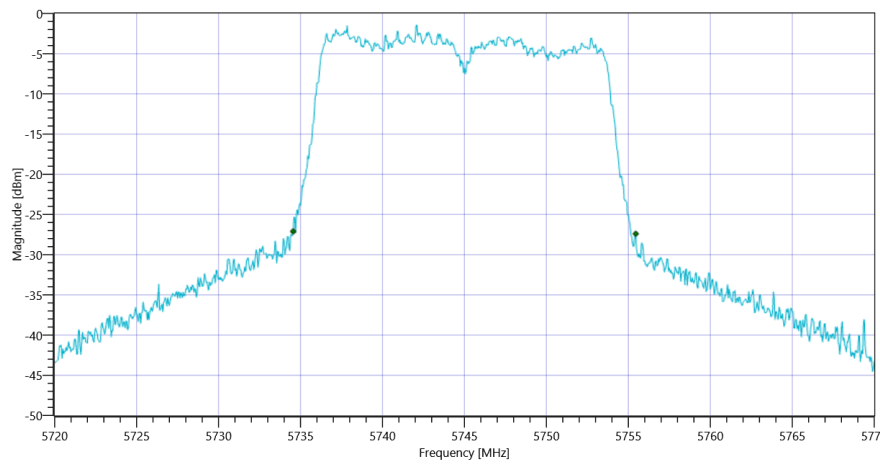


Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3 99PCT_18082021_103507.png

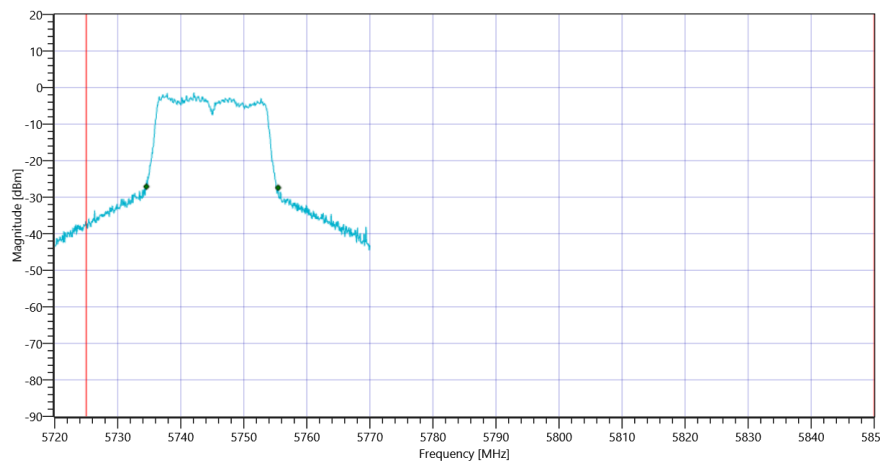


Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_103514.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.9	MHz	INFO
T1 26dB	5725.000000	---	5734.5500	MHz	PASS
T2 26dB	---	5850.000000	5755.4500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3 26dB_18082021_103522.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_103529.png

TEST FINISHED

General Verdict

PASS

43. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:42:29
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

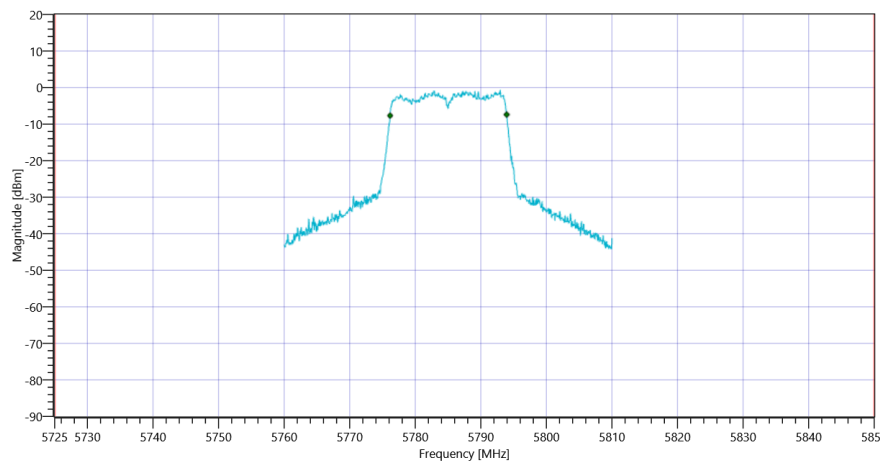
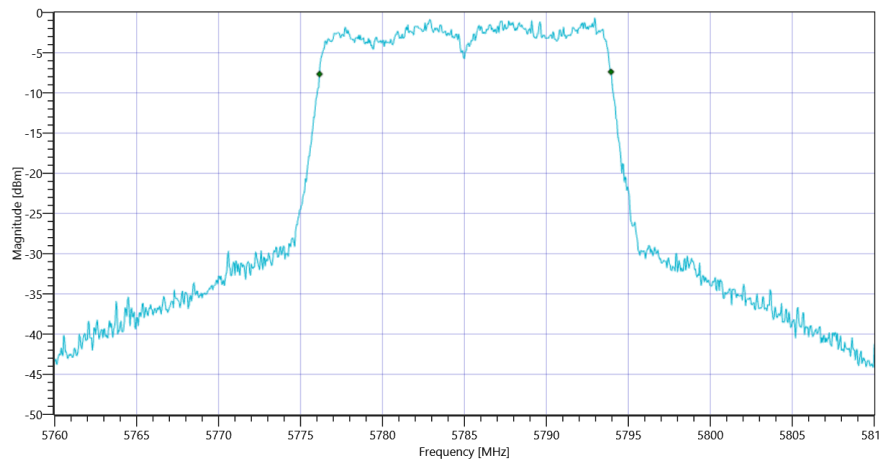
Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test at TX 5785 MHz

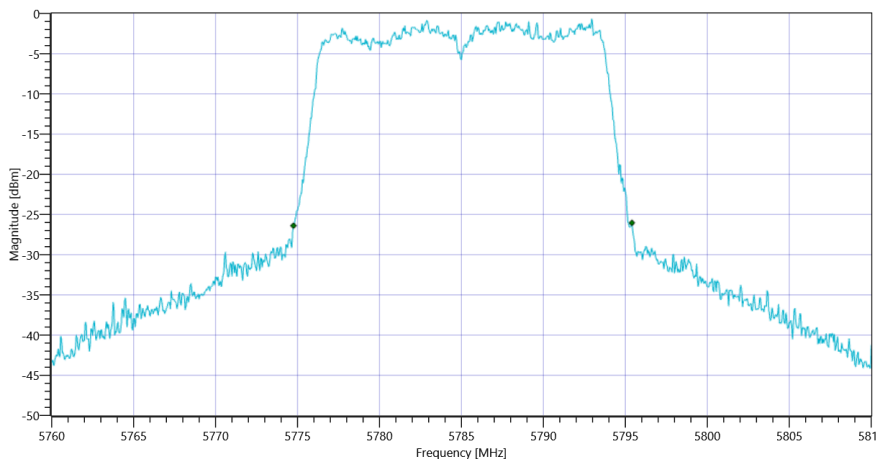
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.25 18.6 10
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

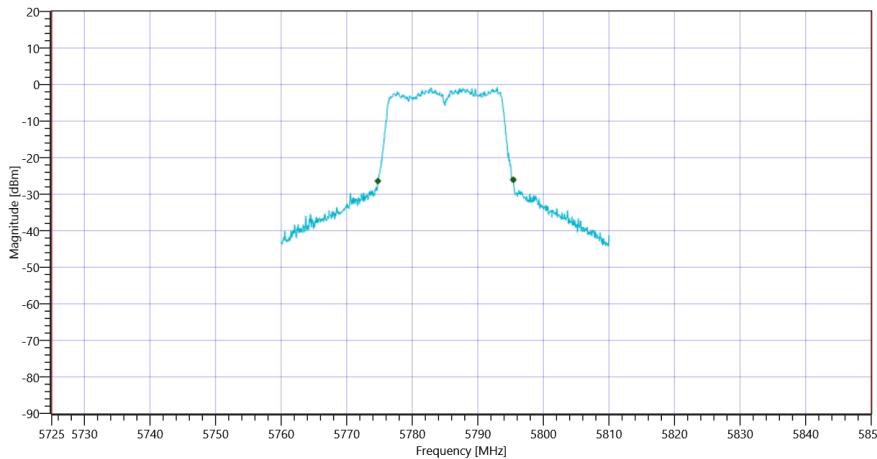
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.782	MHz	INFO
T1 99%	5725.000000	---	5776.1588	MHz	PASS
T2 99%	---	5850.000000	5793.9411	MHz	PASS



RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	20.65	MHz	INFO
T1 26dB	5725.000000	---	5774.7500	MHz	PASS
T2 26dB	---	5850.000000	5795.4000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3 26dB_18082021_104309.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_104316.png

TEST FINISHED	
General Verdict	PASS

44. FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:50:23
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

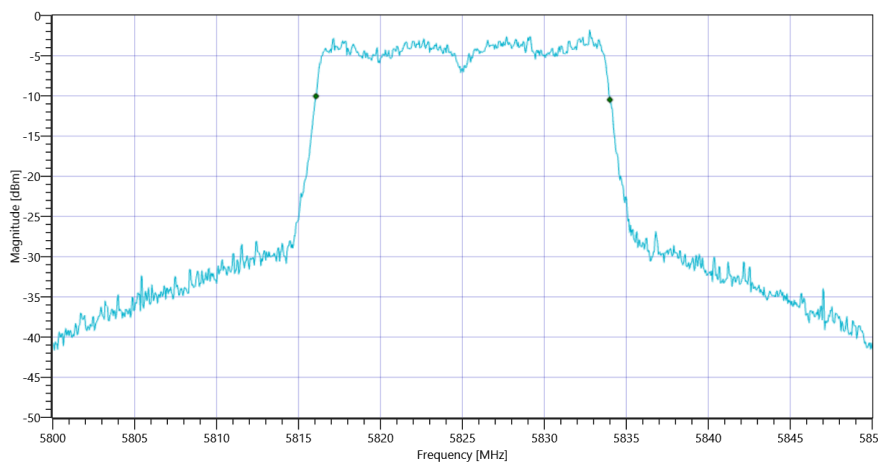
Test at TX 5825 MHz

READ SA SETTINGS:

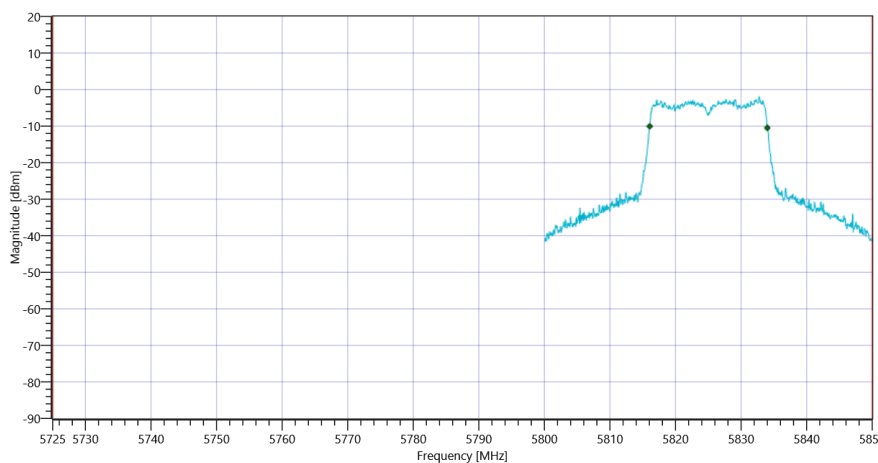
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.22 18.82 10
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.300000 1.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.932	MHz	INFO
T1 99%	5725.000000	---	5816.0589	MHz	PASS
T2 99%	---	5850.000000	5833.9910	MHz	PASS



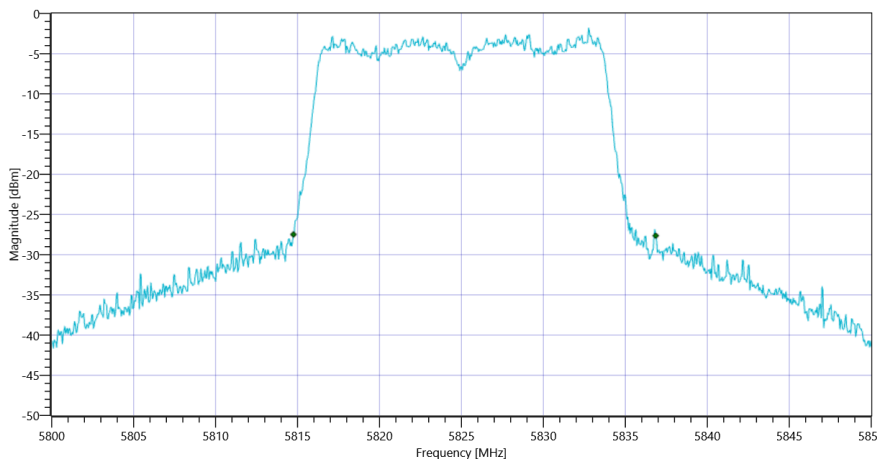
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3 99PCT_18082021_105054.png



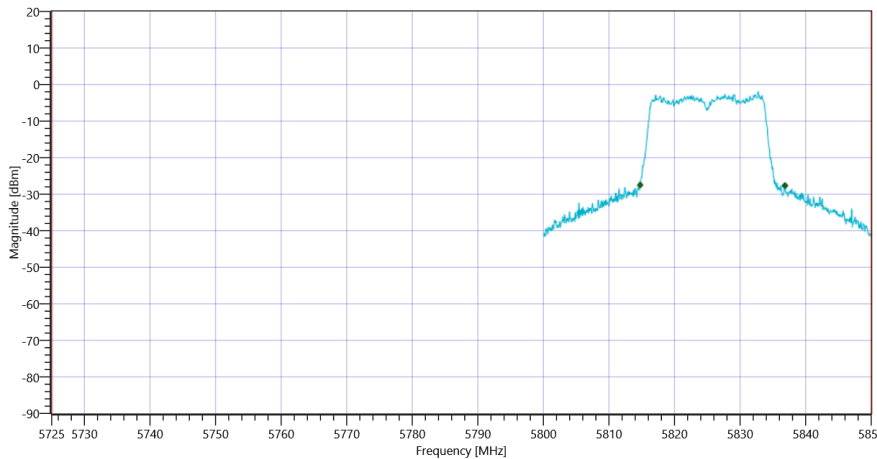
Plot_FCC Part 15.407 & ISCED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_105101.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	22.1	MHz	INFO
T1 26dB	5725.000000	---	5814.7500	MHz	PASS
T2 26dB	---	5850.000000	5836.8500	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3 26dB_18082021_105109.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_105116.png

TEST FINISHED	
General Verdict	PASS

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

Test References	
TC Start	18.08.2021 10:58:22
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

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

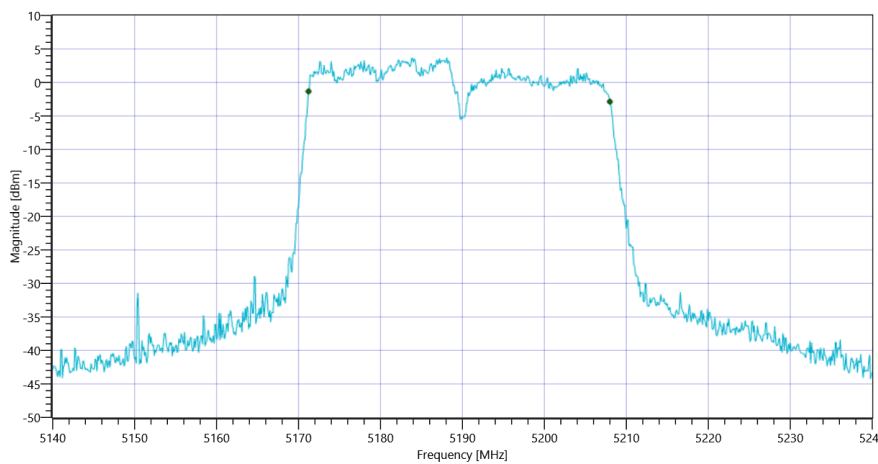
Test at TX 5190 MHz

READ SA SETTINGS:

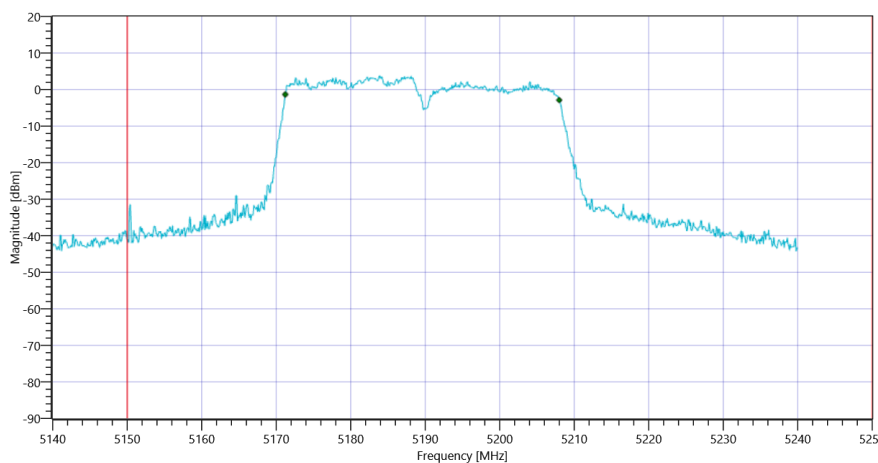
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.19 18.55 10
Start [MHz] Stop [MHz]	5140.000 5240.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.763	MHz	INFO
T1 99%	5150.000000	---	5171.2188	MHz	PASS
T2 99%	---	5250.000000	5207.9820	MHz	PASS



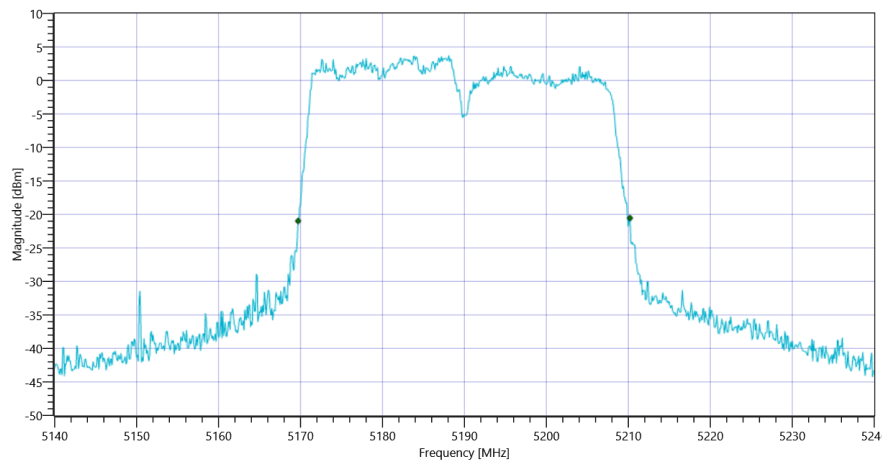
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 99PCT_18082021_105853.png



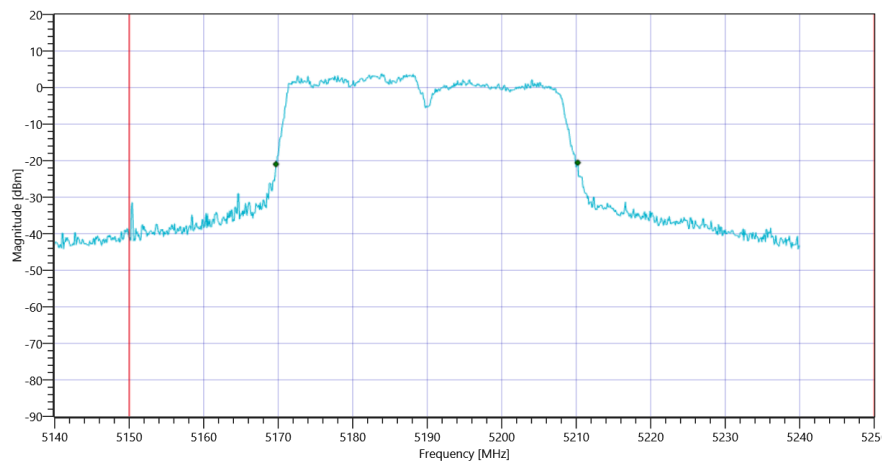
Plot_FCC Part 15.407 & ISED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_18082021_105900.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.5	MHz	INFO
T1 26dB	5150.000000	---	5169.7000	MHz	PASS
T2 26dB	---	5250.000000	5210.2000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 26dB_18082021_105908.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_18082021_105915.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 11:06:52
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

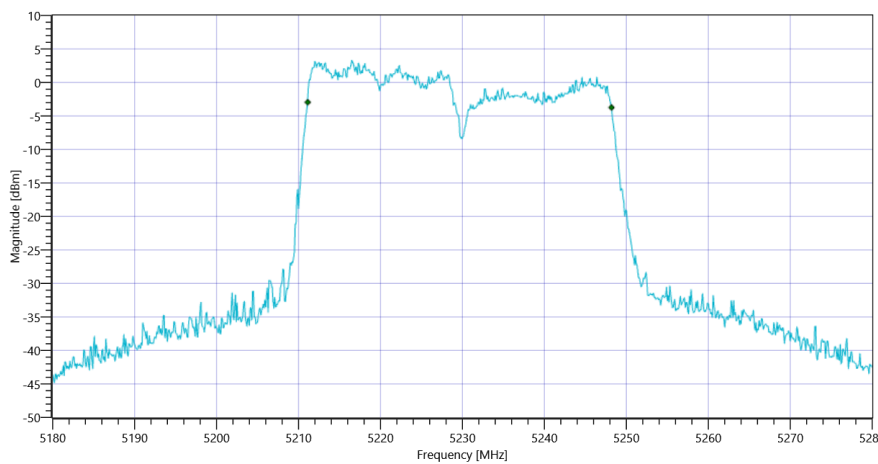
Test Parameter	
Technology to test	WLAN5Gx n-HT40 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5190
Frequency mid to test	False Freq [MHz] 0
Frequency high to test	True Freq [MHz] 5230
Auto Control enabled Power Supply Climatic Box	No No
Additional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

Test at TX 5230 MHz

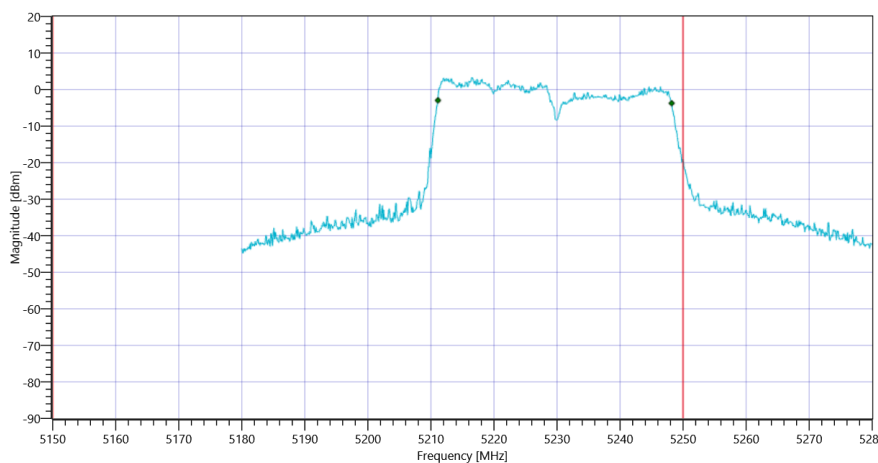
READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	12.97 18.82 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%	---	---	37.063	MHz	INFO
T1 99%	5150.000000	---	5211.1189	MHz	PASS
T2 99%	---	5250.000000	5248.1818	MHz	PASS

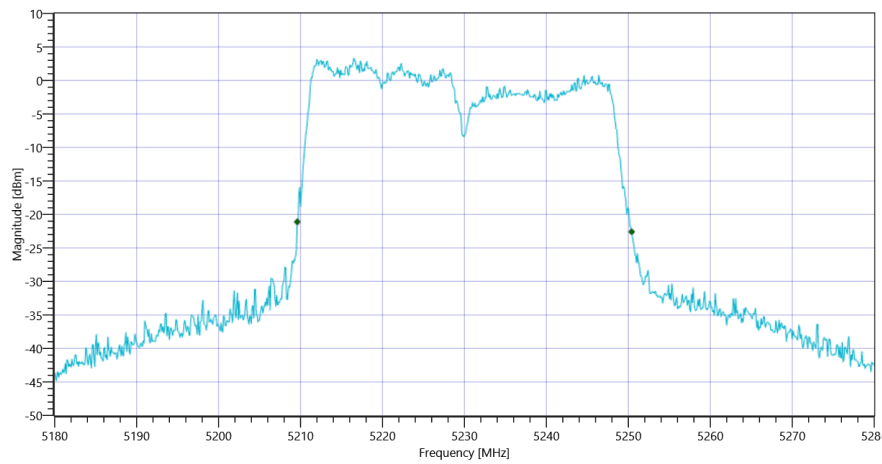


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 99PCT_18082021_110723.png

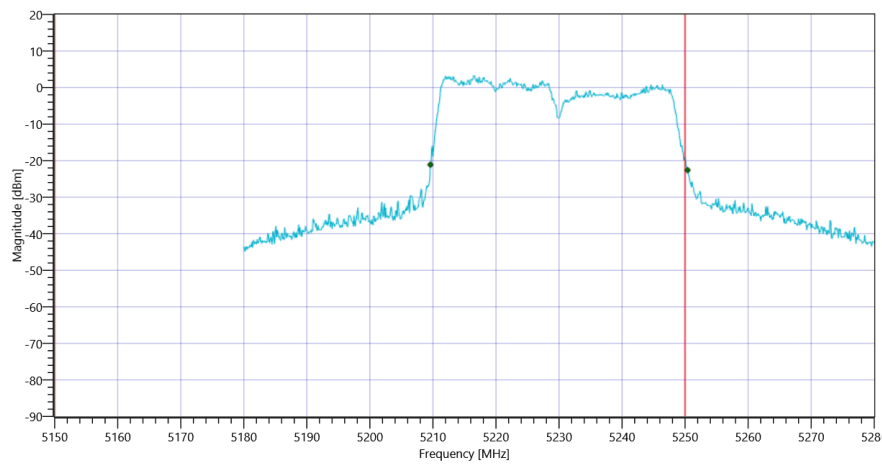


Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_18082021_110730.png

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.8	MHz	INFO
T1 26dB	5150.000000	---	5209.6000	MHz	PASS
T2 26dB	---	5250.000000	5250.4000	MHz	DFS required



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1 26dB_18082021_110738.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-1_18082021_110745.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 11:14:03
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

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

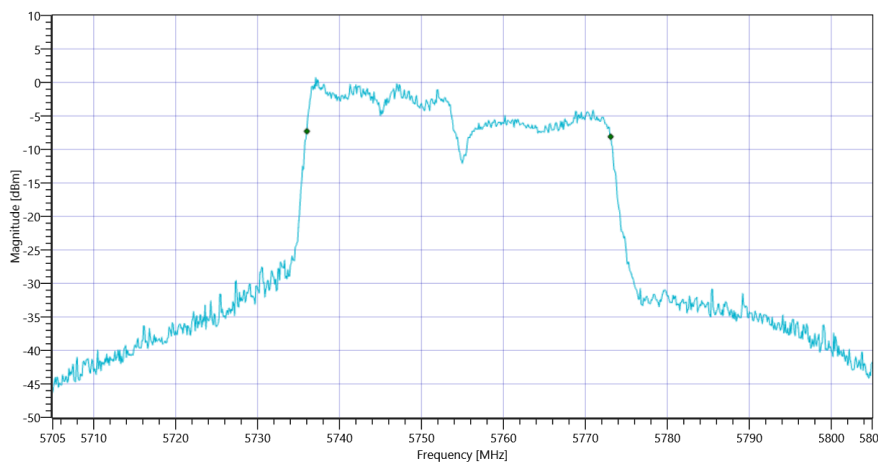
Test at TX 5755 MHz

READ SA SETTINGS:

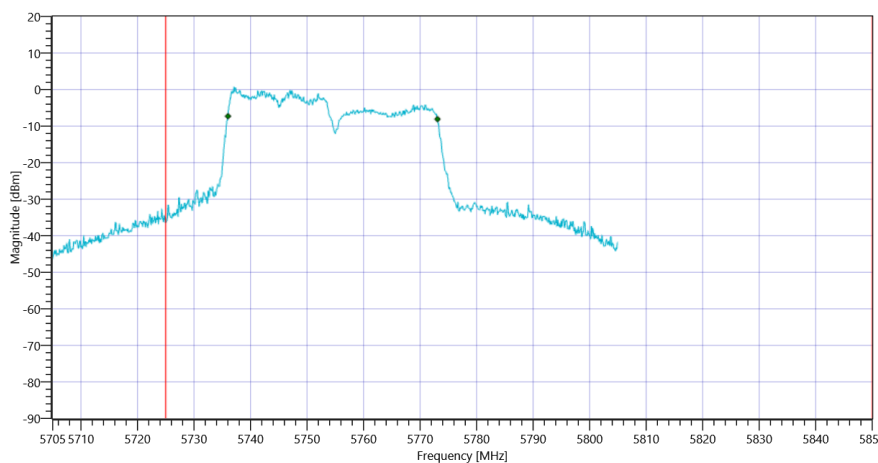
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	10.02 18.37 10
Start [MHz] Stop [MHz]	5705.000 5805.000
RBW [MHz] VBW [MHz]	0.500000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 2500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	37.063	MHz	INFO
T1 99%	5725.000000	---	5736.0190	MHz	PASS
T2 99%	---	5850.000000	5773.0819	MHz	PASS



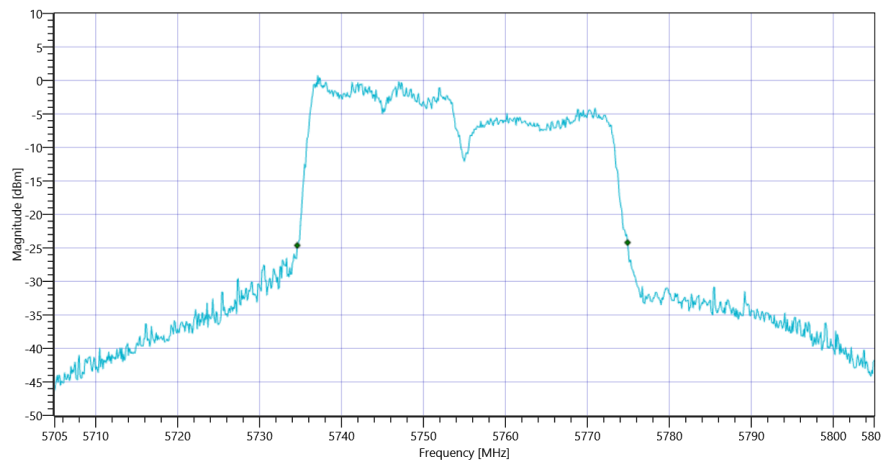
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 99PCT_18082021_111427.png



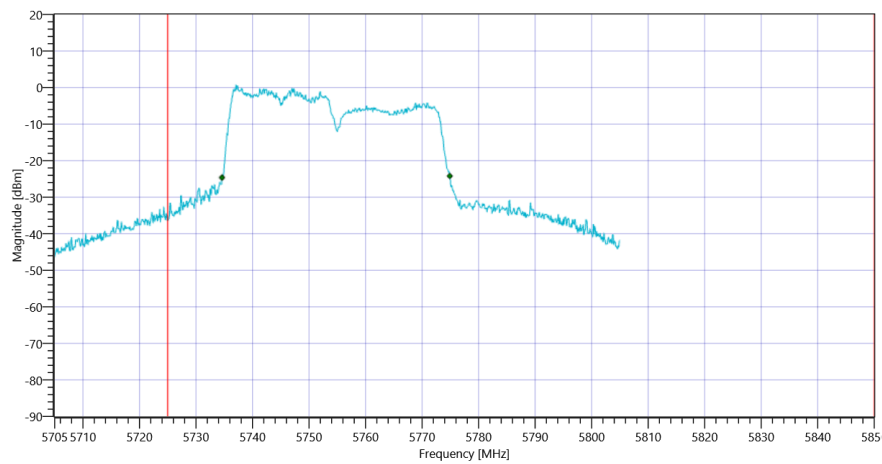
Plot_FCC Part 15.407 & ISM Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_18082021_111434.png

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.3	MHz	INFO
T1 26dB	5725.000000	---	5734.6000	MHz	PASS
T2 26dB	---	5850.000000	5774.9000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 26dB_18082021_111442.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_18082021_111449.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 11:21:36
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407 & ISET RSS-GEN
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

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

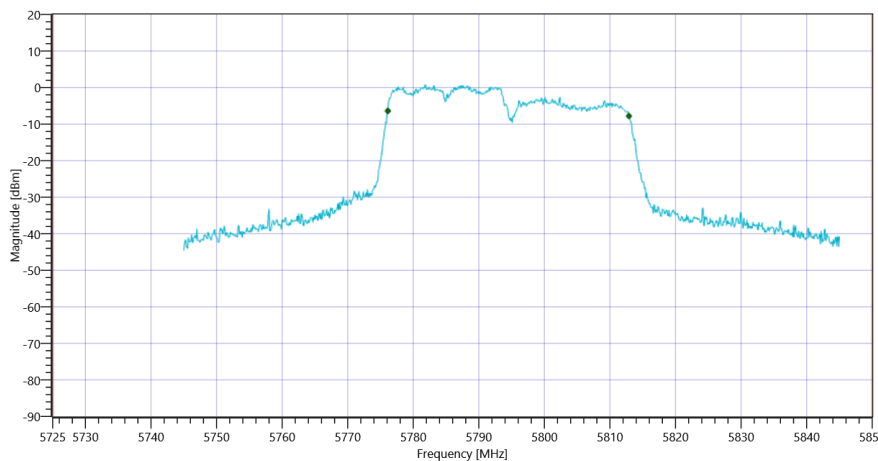
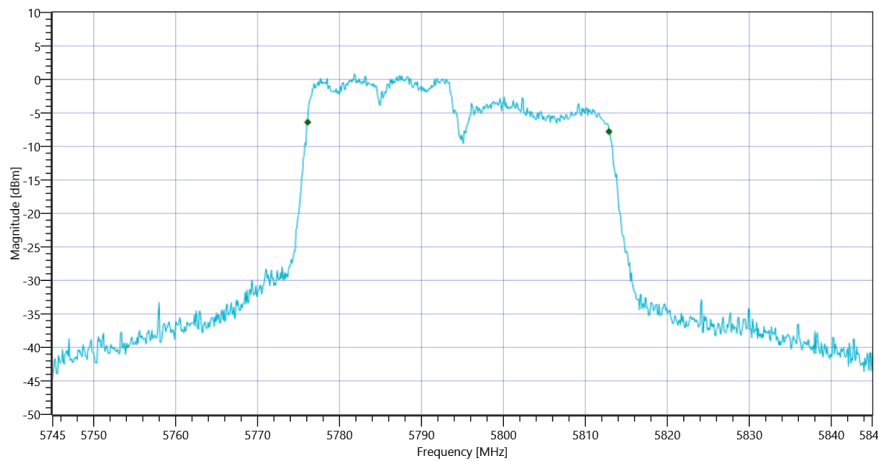
Test at TX 5795 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	11.94 18.67 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

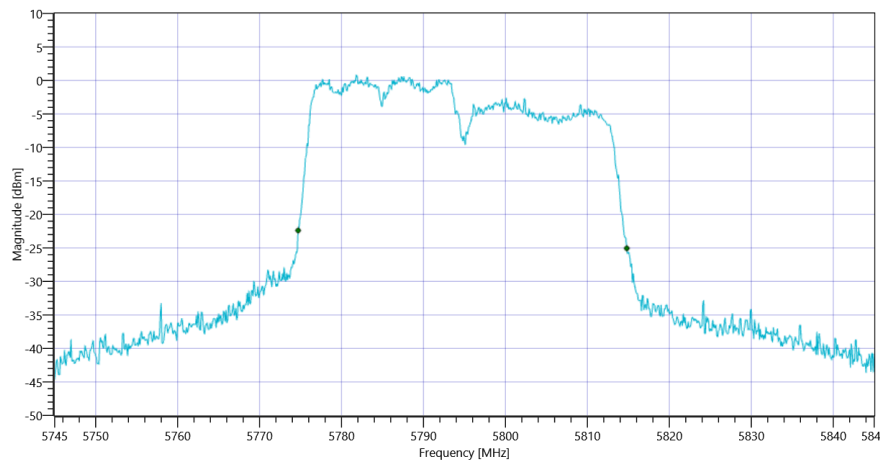
RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	36.763	MHz	INFO
T1 99%	5725.000000	---	5776.1189	MHz	PASS
T2 99%	---	5850.000000	5812.8821	MHz	PASS

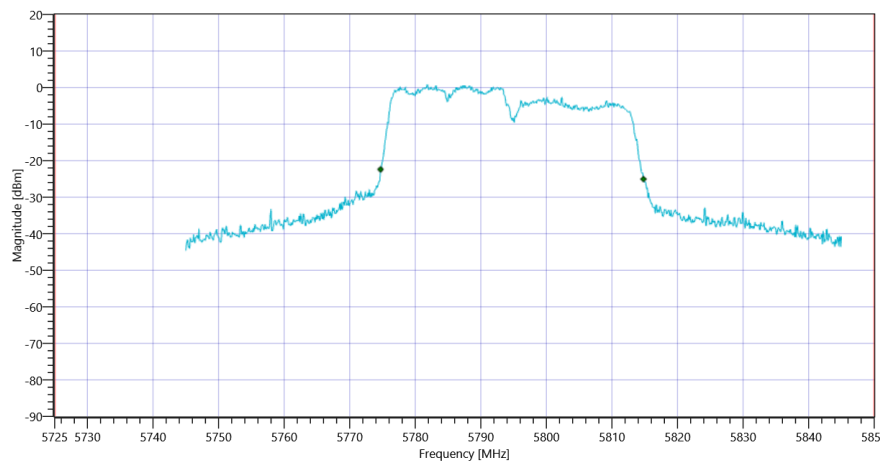


RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40.1	MHz	INFO
T1 26dB	5725.000000	---	5774.7000	MHz	PASS
T2 26dB	---	5850.000000	5814.8000	MHz	PASS



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3 26dB_18082021_112216.png



Plot_FCC Part 15.407 & ISSED Bandwidths ~ WLAN5Gx n-HT40 mode U-NII-3_18082021_112223.png

TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 09:30:53
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

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

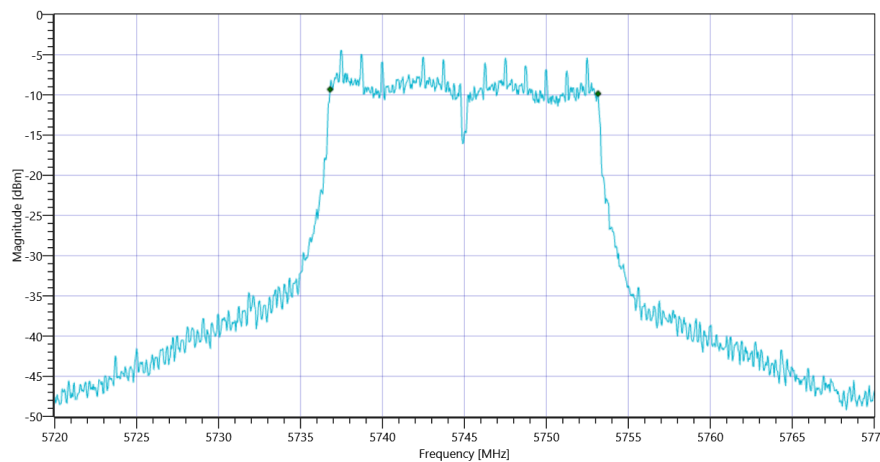
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.36 18.38 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE

RESULT

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



TEST FINISHED

General Verdict

PASS

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

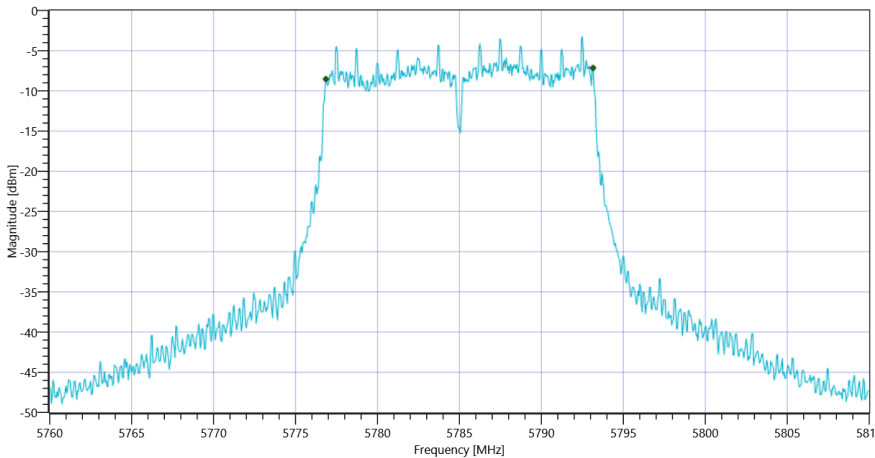
Test References	
TC Start	18.08.2021 09:44:20
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

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

Test at TX 5785 MHz

READ SA SETTINGS:	
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.86 18.6 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	16.3	MHz	PASS



TEST FINISHED	
General Verdict	PASS

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

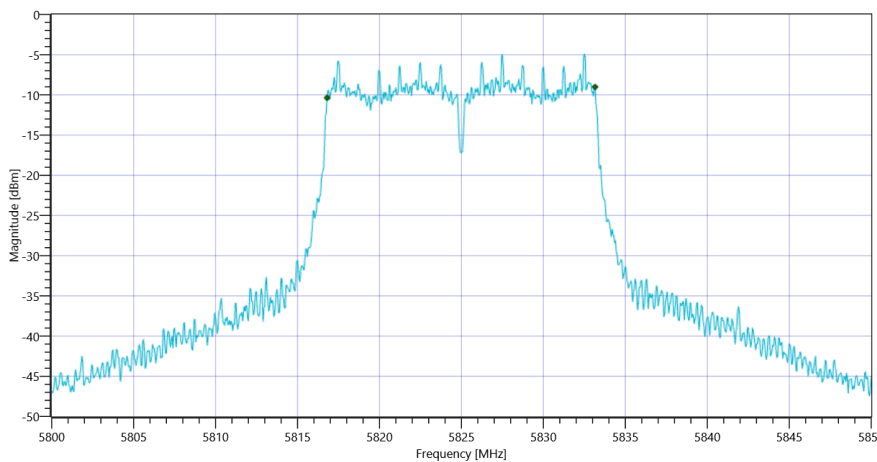
Test References	
TC Start	18.08.2021 09:52:19
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx a mode U-NII-3
Add. Information	

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

Test at TX 5825 MHz

READ SA SETTINGS:		
RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.56 18.82 15	
Start [MHz] Stop [MHz]	5800.000 5850.000	
RBW [MHz] VBW [MHz]	0.100000 0.300000	
Detector TraceMode	POS MAXH	
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE	

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



TEST FINISHED	
General Verdict	PASS

52. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:35:34
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

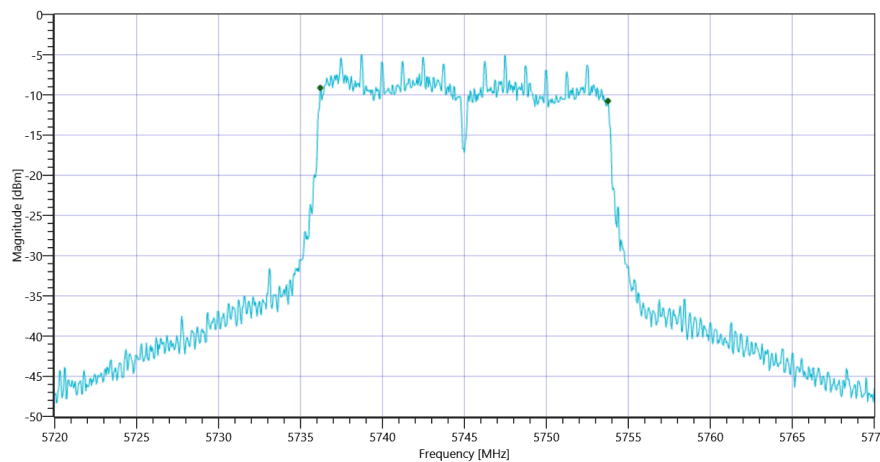
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.14 18.38 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	17.55	MHz	PASS



TEST FINISHED

General Verdict

PASS

53. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:43:22
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

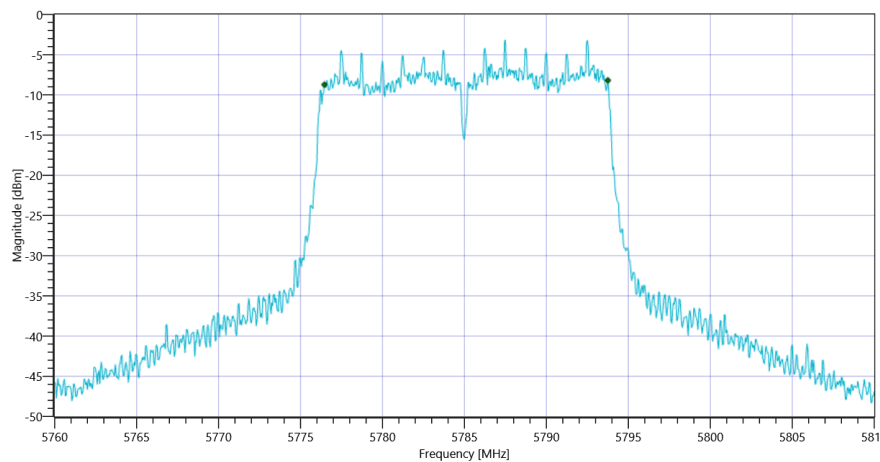
Test at TX 5785 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.57 18.6 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	17.3	MHz	PASS



TEST FINISHED

General Verdict

PASS

54. FCC Part 15.407 & ISED Minimum Emission BW ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:51:22
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

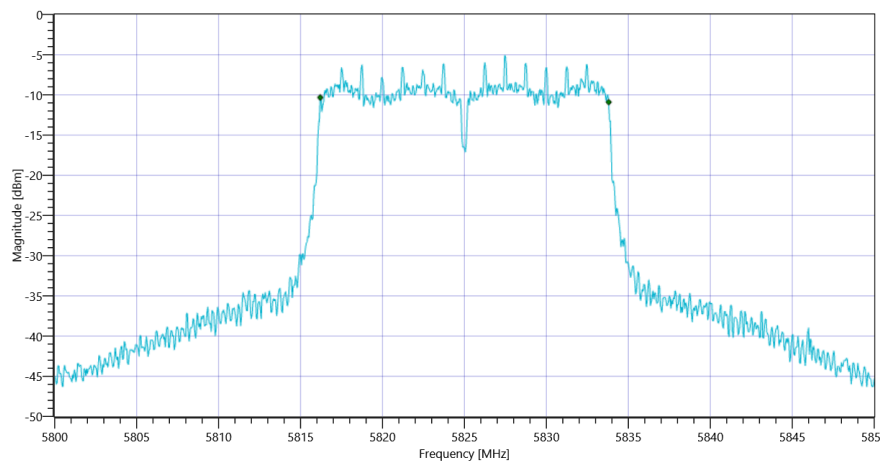
Test at TX 5825 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.53 18.82 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	2 1500 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth (6dB)	0.500	---	17.6	MHz	PASS



TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 11:14:54
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

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

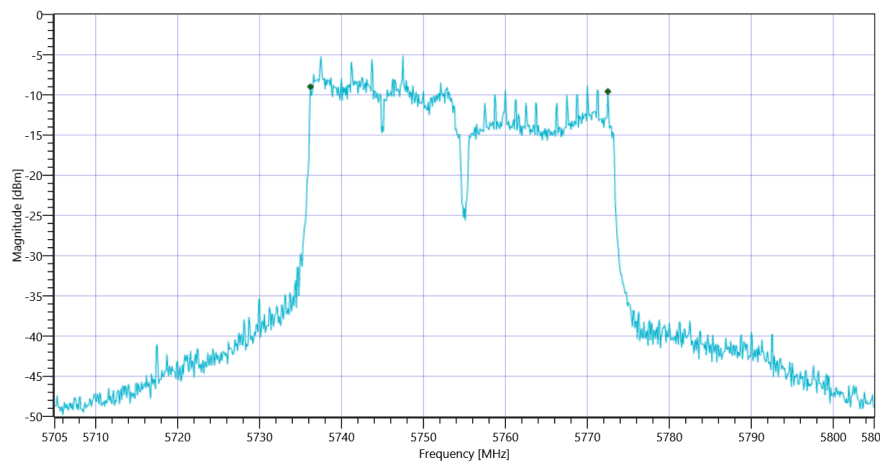
Test at TX 5755 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	13.66 18.37 15
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	---	36.3	MHz	PASS



TEST FINISHED

General Verdict

PASS

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

Test References	
TC Start	18.08.2021 11:22:29
Ambit Temp [°C] Humidity [rel%]	25.4 49
System Version	3.0.1.5
Test Specification	FCC Part 15.407
Test Method	KDB789033 D02, C.2.
TC Version	0.0.1
My Description	FCC 15.407 Min Emission Bandwidth - WLAN5Gx n-HT40 mode U-NII-3
Add. Information	

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

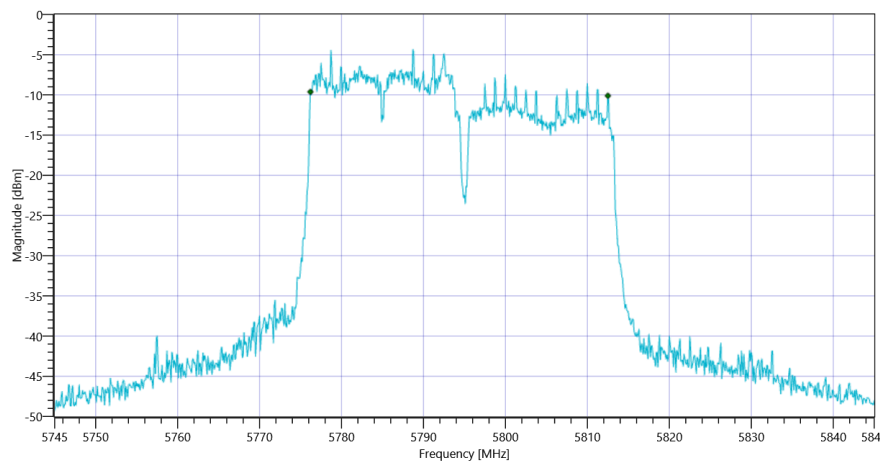
Test at TX 5795 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.47 18.67 15
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	---	36.3	MHz	PASS



TEST FINISHED

General Verdict

PASS

57. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	18.08.2021 09:08:45
Ambit Temp [°C] Humidity [rel%]	24.7 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-1
Add. Information	

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

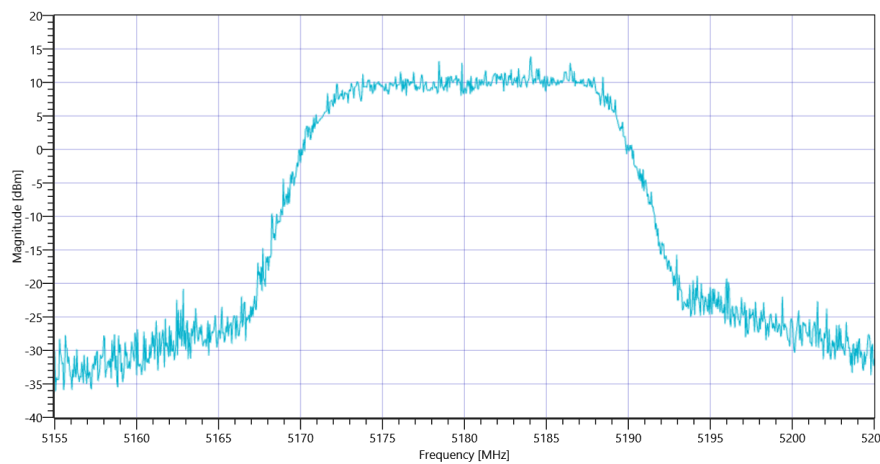
Test at TX 5180 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.65 18.39 20
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	13.85	dBm	INFO
Peak Power	---	---	24.266101	mW	INFO
Frequency at Peak	---	---	5184.046	MHz	INFO



TEST FINISHED

General Verdict

PASS

58. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	18.08.2021 09:13:59
Ambit Temp [°C] Humidity [rel%]	24.8 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-1
Add. Information	

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

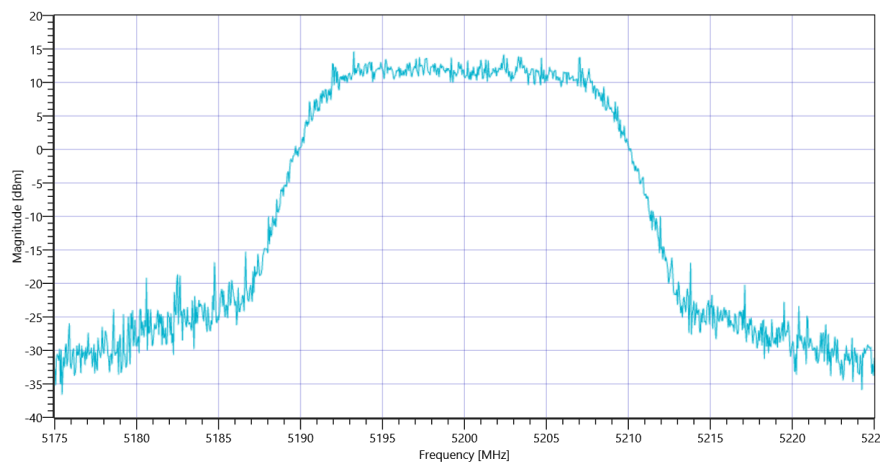
Test at TX 5200 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	21.67 18.71 20
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	14.62	dBm	INFO
Peak Power	---	---	28.973436	mW	INFO
Frequency at Peak	---	---	5193.257	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-1_18082021_091418.png

TEST FINISHED

General Verdict

PASS

59. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	18.08.2021 09:19:12
Ambit Temp [°C] Humidity [rel%]	24.8 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-1
Add. Information	

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

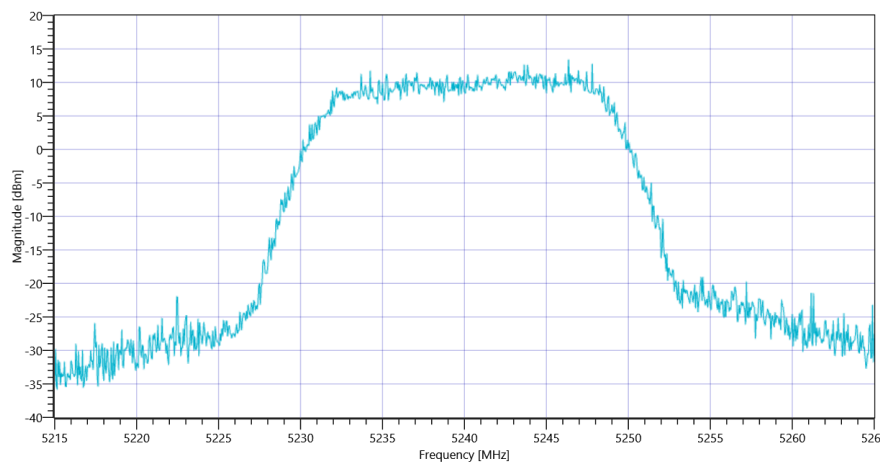
Test at TX 5240 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.25 18.83 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	13.43	dBm	INFO
Peak Power	---	---	22.029265	mW	INFO
Frequency at Peak	---	---	5246.344	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-1_18082021_091931.png

TEST FINISHED

General Verdict

PASS

60. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:24:08
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-3
Add. Information	

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

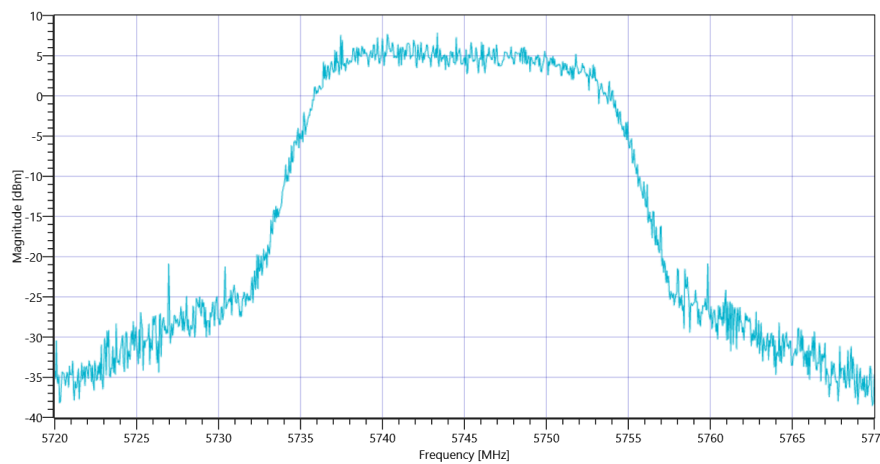
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.40 18.38 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	7.86	dBm	INFO
Peak Power	---	---	6.10942	mW	INFO
Frequency at Peak	---	---	5743.352	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3_18082021_092427.png

TEST FINISHED

General Verdict

PASS

61. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:37:34
Ambit Temp [°C] Humidity [rel%]	24.9 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-3
Add. Information	

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

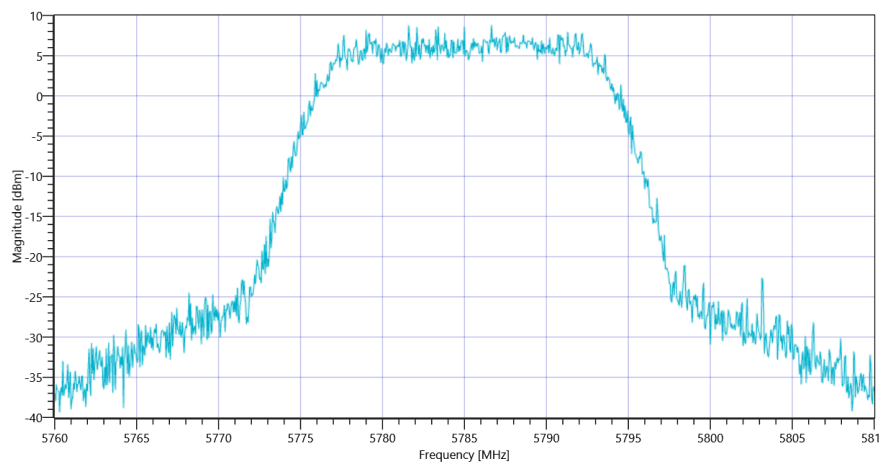
Test at TX 5785 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.08 18.6 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	8.8	dBm	INFO
Peak Power	---	---	7.585776	mW	INFO
Frequency at Peak	---	---	5786.648	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx a mode U-NII-3_18082021_093753.png

TEST FINISHED

General Verdict

PASS

62. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	18.08.2021 09:45:27
Ambit Temp [°C] Humidity [rel%]	25.0 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx a mode U-NII-3
Add. Information	

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

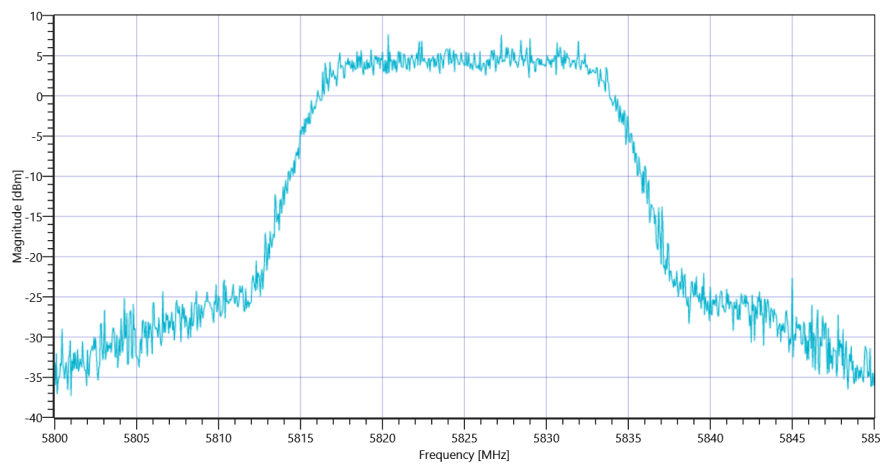
Test at TX 5825 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.49 18.82 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	7.65	dBm	INFO
Peak Power	---	---	5.821032	mW	INFO
Frequency at Peak	---	---	5820.355	MHz	INFO



TEST FINISHED

General Verdict

PASS

63. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:01:35
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

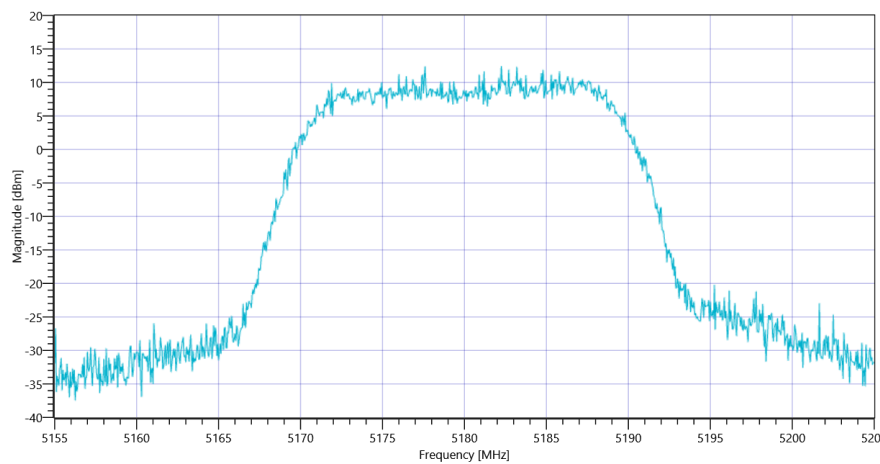
Test at TX 5180 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.73 18.39 20
Start [MHz] Stop [MHz]	5155.000 5205.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	12.45	dBm	INFO
Peak Power	---	---	17.579236	mW	INFO
Frequency at Peak	---	---	5182.248	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_100153.png

TEST FINISHED

General Verdict

PASS

64. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:18:51
Ambit Temp [°C] Humidity [rel%]	25.1 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	True Freq [MHz] 5200
Frequency high to test	False Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

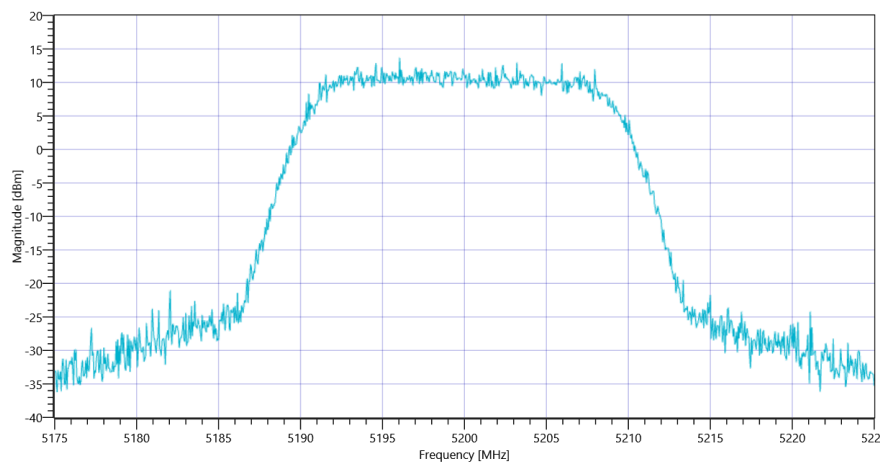
Test at TX 5200 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	20.44 18.71 20
Start [MHz] Stop [MHz]	5175.000 5225.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	13.71	dBm	INFO
Peak Power	---	---	23.496328	mW	INFO
Frequency at Peak	---	---	5196.054	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_101910.png

TEST FINISHED

General Verdict

PASS

65. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-1

Test References	
TC Start	18.08.2021 10:23:55
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-1
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-1
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5180
Frequency mid to test	False Freq [MHz] 5200
Frequency high to test	True Freq [MHz] 5240
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

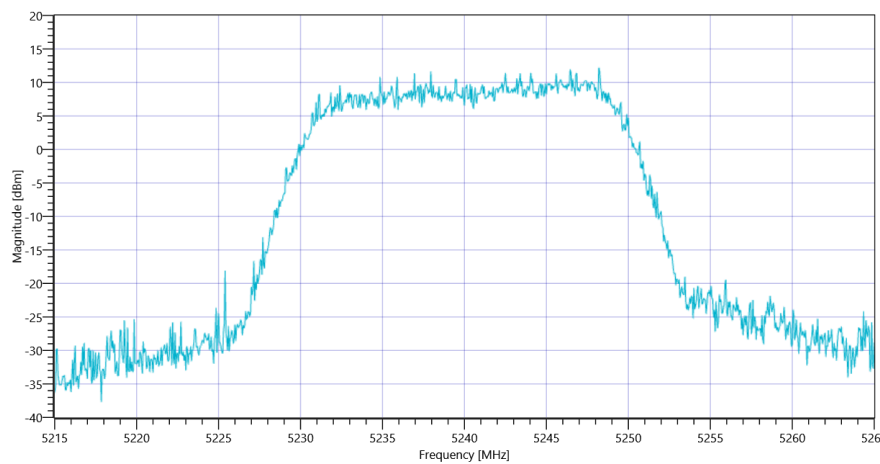
Test at TX 5240 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	19.47 18.83 20
Start [MHz] Stop [MHz]	5215.000 5265.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	12.2	dBm	INFO
Peak Power	---	---	16.595869	mW	INFO
Frequency at Peak	---	---	5248.192	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-1_18082021_102413.png

TEST FINISHED

General Verdict

PASS

66. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:28:50
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

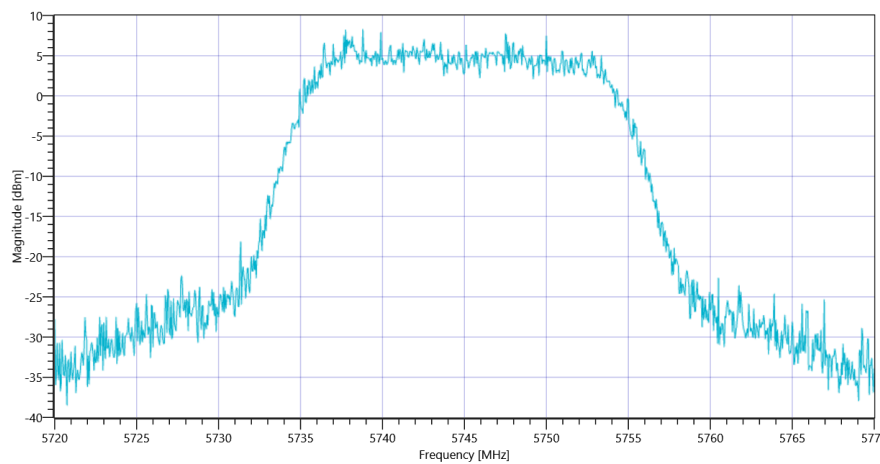
Test at TX 5745 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	15.17 18.38 15
Start [MHz] Stop [MHz]	5720.000 5770.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	8.31	dBm	INFO
Peak Power	---	---	6.776415	mW	INFO
Frequency at Peak	---	---	5738.806	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_102909.png

TEST FINISHED

General Verdict

PASS

67. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:36:36
Ambit Temp [°C] Humidity [rel%]	25.2 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	True Freq [MHz] 5785
Frequency high to test	False Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

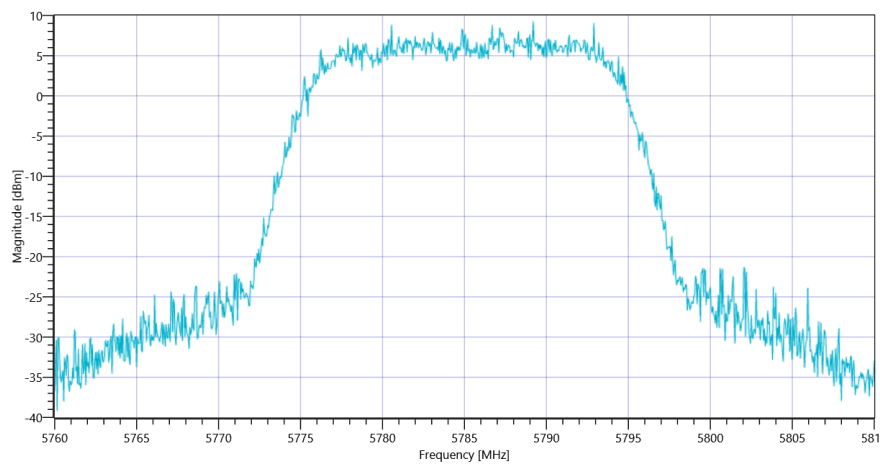
Test at TX 5785 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	16.27 18.6 15
Start [MHz] Stop [MHz]	5760.000 5810.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	9.29	dBm	INFO
Peak Power	---	---	8.491805	mW	INFO
Frequency at Peak	---	---	5789.196	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_103654.png

TEST FINISHED

General Verdict

PASS

68. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT20 mode U-NII-3

Test References	
TC Start	18.08.2021 10:44:29
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT20 mode U-NII-3
Add. Information	

Test Parameter	
Technology to test	WLAN5Gx n-HT20 mode U-NII-3
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 5745
Frequency mid to test	False Freq [MHz] 5785
Frequency high to test	True Freq [MHz] 5825
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	1
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

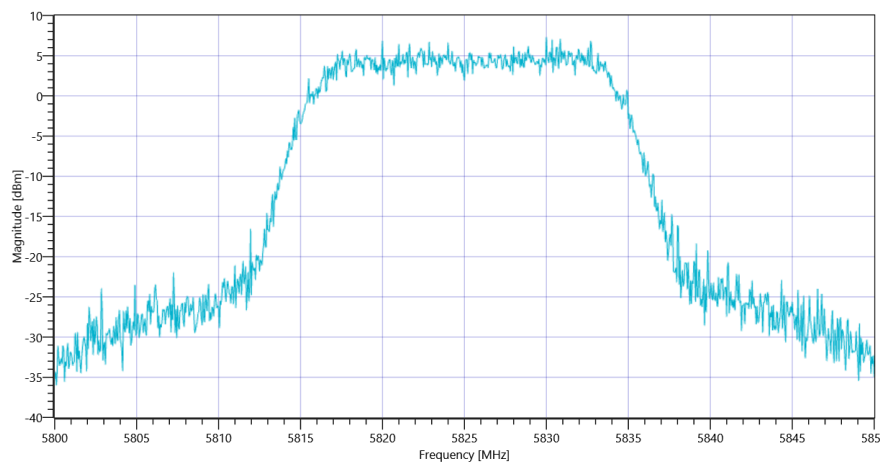
Test at TX 5825 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	14.53 18.82 15
Start [MHz] Stop [MHz]	5800.000 5850.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	7.3	dBm	INFO
Peak Power	---	---	5.370318	mW	INFO
Frequency at Peak	---	---	5829.995	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT20 mode U-NII-3_18082021_104448.png

TEST FINISHED

General Verdict

PASS

69. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	18.08.2021 10:54:27
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

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

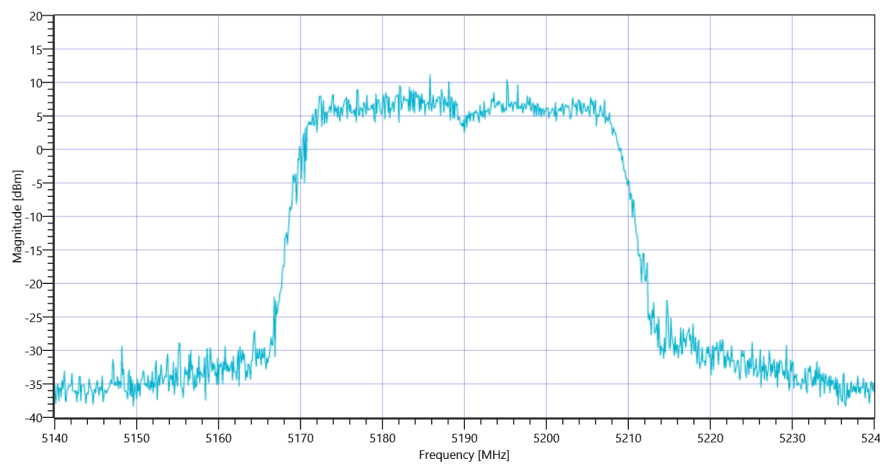
Test at TX 5190 MHz

READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	18.86 18.55 20
Start [MHz] Stop [MHz]	5140.000 5240.000
RBW [MHz] VBW [MHz]	3.000000 3.000000
Detector TraceMode	POS MAXH
Sweep: Time [ms] Count Points per Section Type	1 10 1001 SWE

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Peak Power	---	---	11.23	dBm	INFO
Peak Power	---	---	13.273945	mW	INFO
Frequency at Peak	---	---	5185.8	MHz	INFO



Plot_Common 5Gx-6Gx Peak OP 3MHz-3MHz ~ WLAN5Gx n-HT40 mode U-NII-1_18082021_105446.png

TEST FINISHED

General Verdict

PASS

70. Common 5Gx/6Gx Peak OP 3MHz/3MHz ~ WLAN5Gx n-HT40 mode U-NII-1

Test References	
TC Start	18.08.2021 11:02:55
Ambit Temp [°C] Humidity [rel%]	25.3 49
System Version	3.0.1.5
Test Specification	---
Test Method	
TC Version	0.0.1
My Description	Peak OP 3MHz/3MHz - WLAN5Gx n-HT40 mode U-NII-1
Add. Information	

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