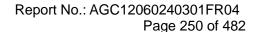


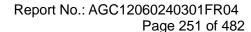
Test Graph 802.11ac20 Chain B 5600 MCS0 PSD



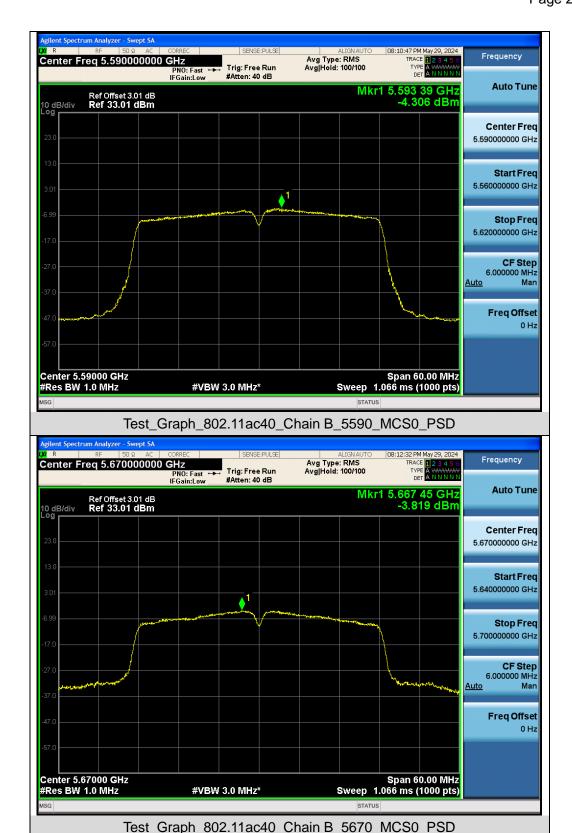


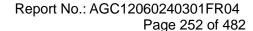


Test Graph 802.11ac40 Chain B 5510 MCS0 PSD



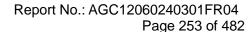
















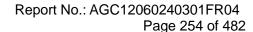
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Test Graph 802.11ax20 Chain B 5600 MCS0 PSD

#VBW 3.0 MHz*

Span 30.00 MHz Sweep 1.066 ms (1000 pts)

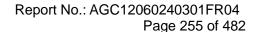
Center 5.60000 GHz #Res BW 1.0 MHz







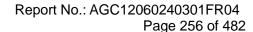
Test Graph 802.11ax40 Chain B 5510 MCS0 PSD



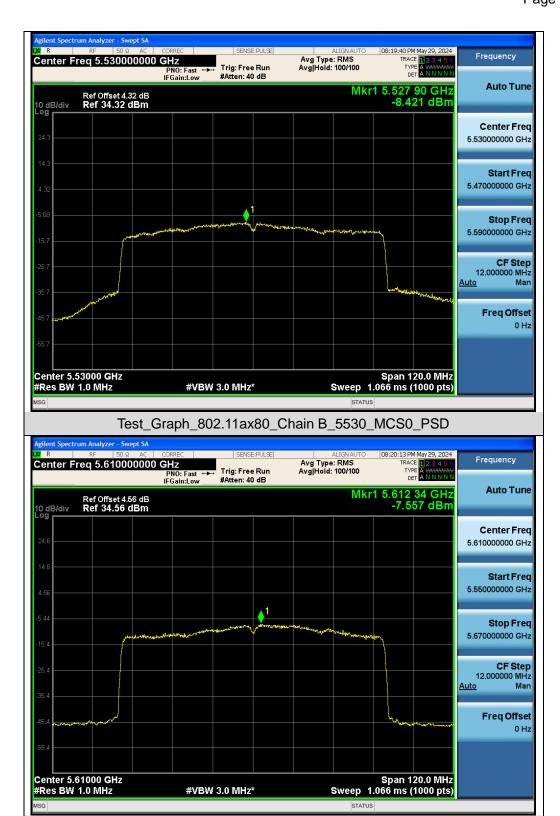




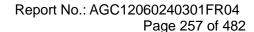
Test Graph 802.11ax40 Chain B 5670 MCS0 PSD







Test Graph 802.11ax80 Chain B 5610 MCS0 PSD



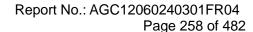


Test Graphs of Conducted Output Power Spectral Density for band 5.150-5.350/5.470-5.725 GHz-Chain A



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Test_Graph_802.11ac160_Chain A_5570_MCS0_PSD

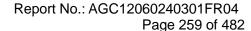






Test Graph 802.11ax160 Chain A 5570 MCS0 PSD

#VBW 3.0 MHz*



Freq Offset 0 Hz

Span 240.0 MHz Sweep 1.066 ms (1000 pts)



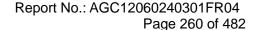


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Test Graph 802.11ac160 Chain B 5570 MCS0 PSD

#VBW 3.0 MHz*

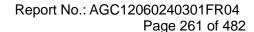
Center 5.5700 GHz #Res BW 1.0 MHz





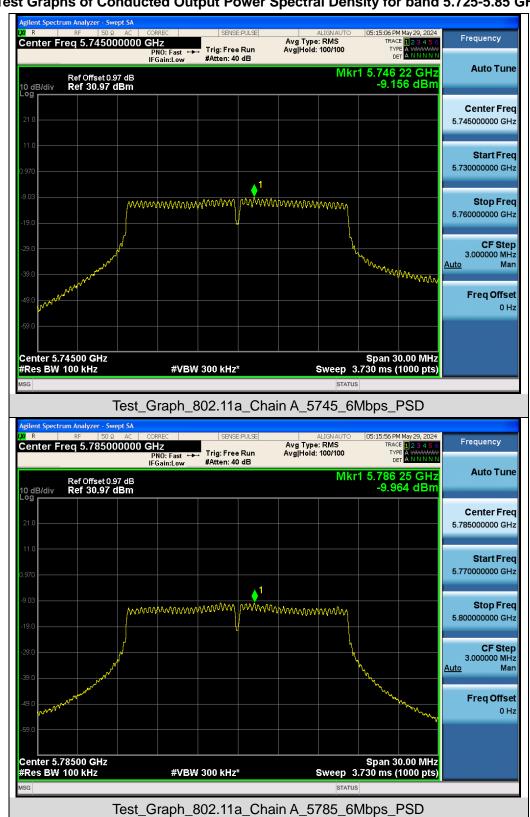


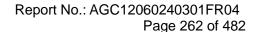
Test Graph 802.11ax160 Chain B 5570 MCS0 PSD





Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz

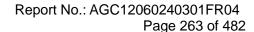




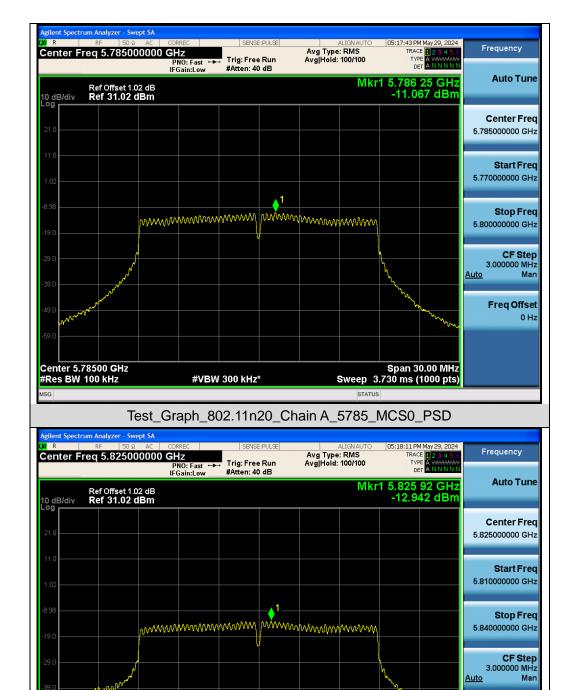




Start Freq 5.730000000 GHz Stop Freq WWWWWWWWWWWWWWW **ΙΛΛΛΛΛ**Λ 5.760000000 GHz **CF Step** 3.000000 MHz Man Auto Frea Offset 0 Hz Center 5.74500 GHz #Res BW 100 kHz Span 30.00 MHz Sweep 3.730 ms (1000 pts) **#VBW 300 kHz*** Test Graph 802.11n20 Chain A 5745 MCS0 PSD







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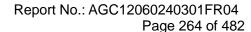
Test Graph 802.11n20 Chain A 5825 MCS0 PSD

#VBW 300 kHz*

month

Span 30.00 MHz Sweep 3.730 ms (1000 pts) Freq Offset 0 Hz

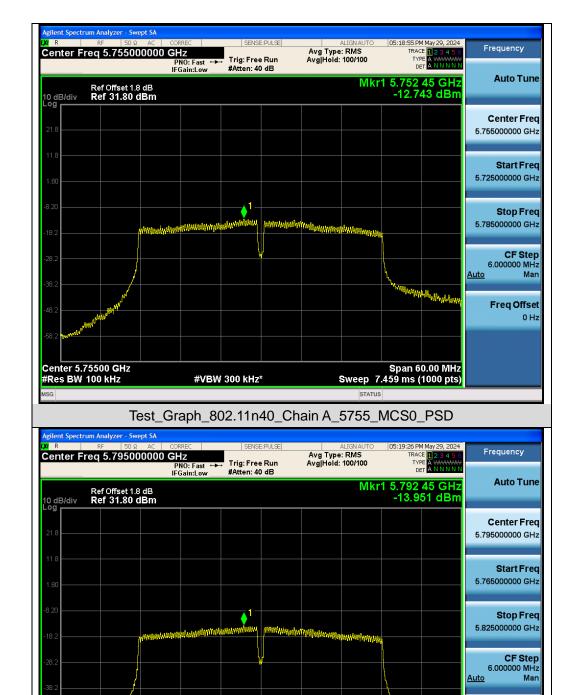
Center 5.82500 GHz #Res BW 100 kHz



Freq Offset 0 Hz

Span 60.00 MHz Sweep 7.459 ms (1000 pts)



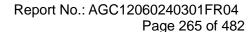


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Test Graph 802.11n40 Chain A 5795 MCS0 PSD

#VBW 300 kHz*

Center 5.79500 GHz #Res BW 100 kHz



0 Hz





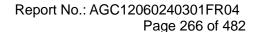
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Test Graph 802.11ac20 Chain A 5785 MCS0 PSD

#VBW 300 kHz*

Span 30.00 MHz Sweep 3.730 ms (1000 pts)

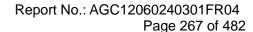
Center 5.78500 GHz #Res BW 100 kHz



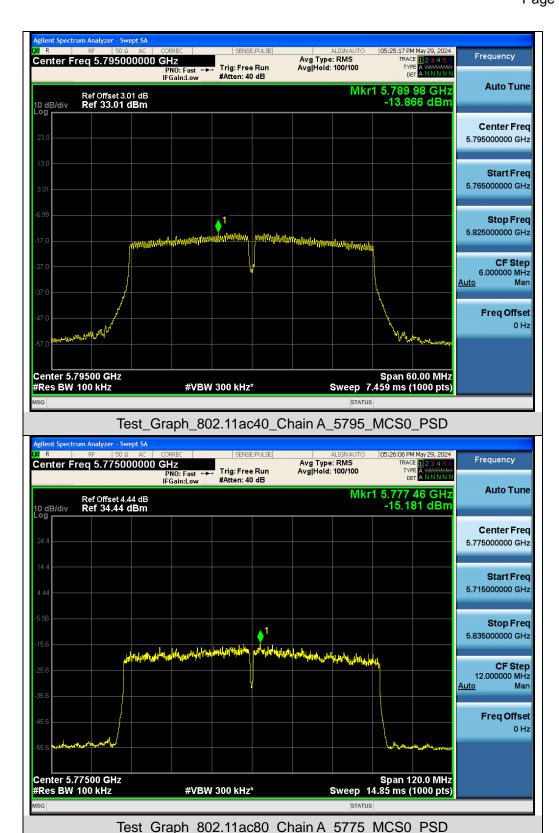


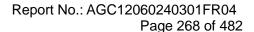


Test Graph 802.11ac40 Chain A 5755 MCS0 PSD

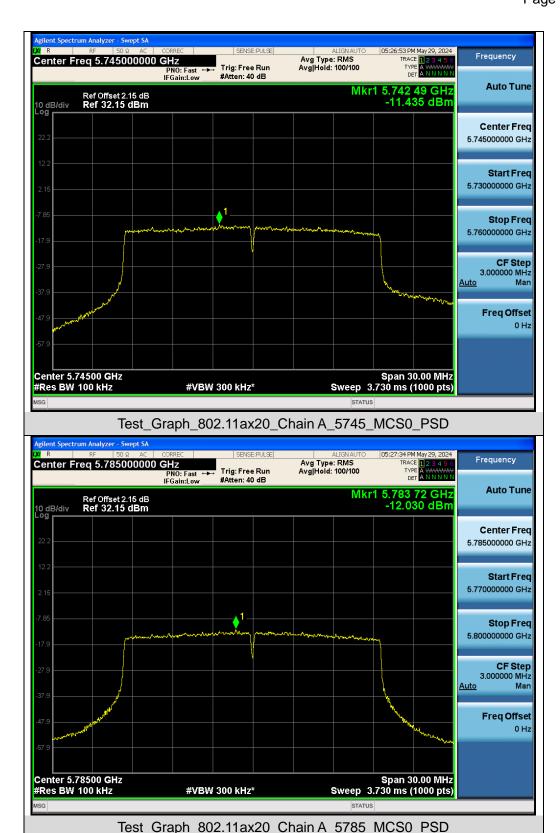


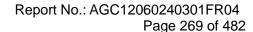






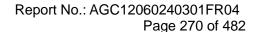




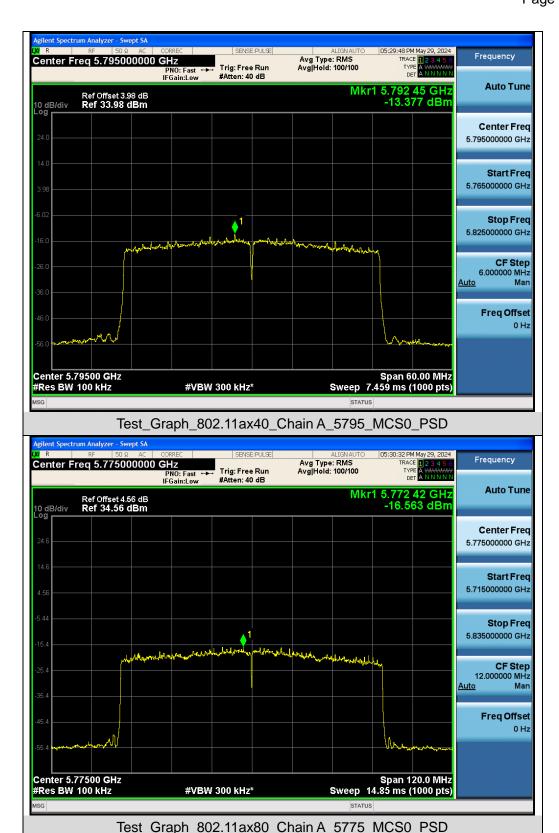


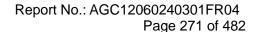




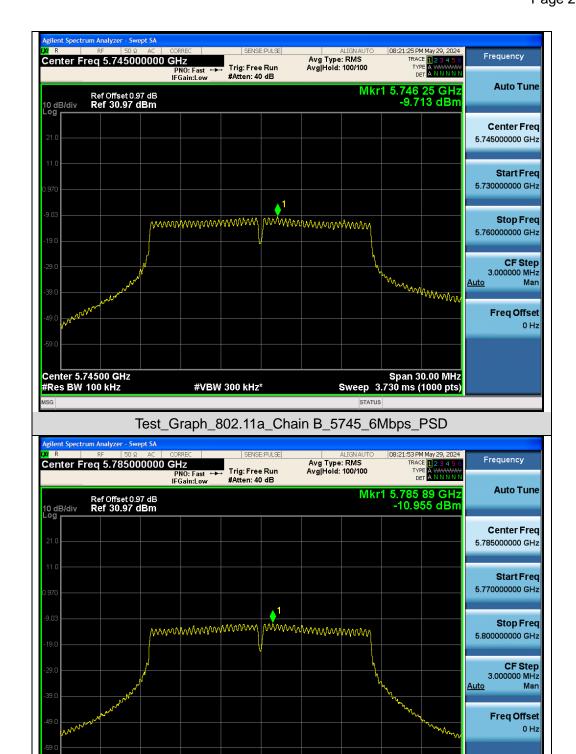










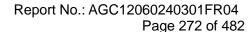


Test Graph 802.11a Chain B 5785 6Mbps PSD

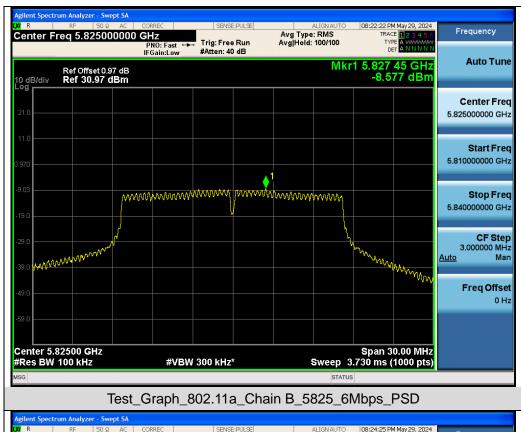
#VBW 300 kHz*

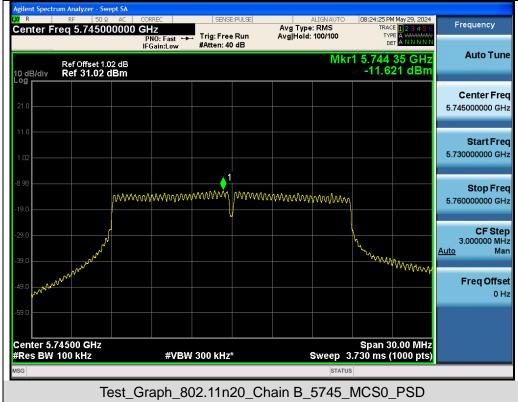
Span 30.00 MHz Sweep 3.730 ms (1000 pts)

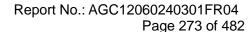
Center 5.78500 GHz #Res BW 100 kHz











CF Step 3.000000 MHz Man

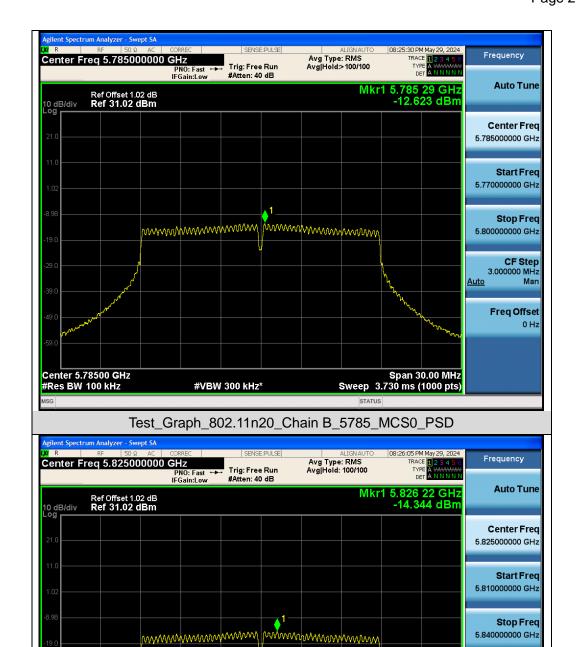
Freq Offset 0 Hz

Auto

MANA

Span 30.00 MHz Sweep 3.730 ms (1000 pts)





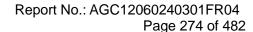
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Test Graph 802.11n20 Chain B 5825 MCS0 PSD

#VBW 300 kHz*

www

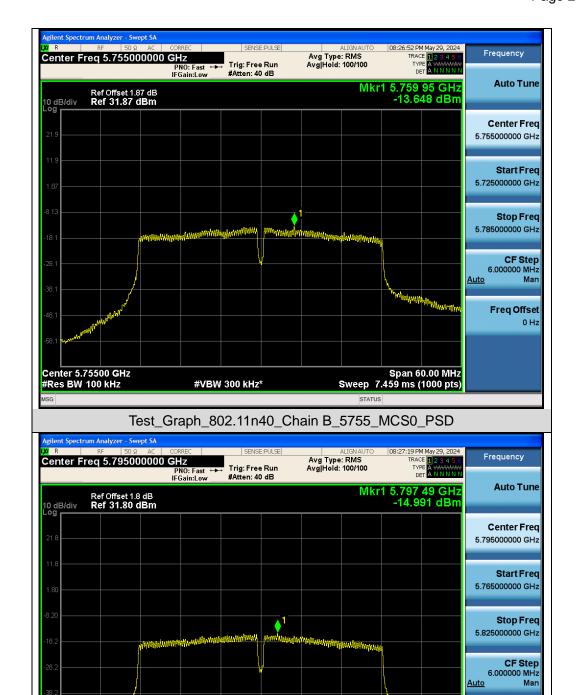
Center 5.82500 GHz #Res BW 100 kHz



Freq Offset 0 Hz

Span 60.00 MHz Sweep 7.459 ms (1000 pts)



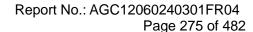


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Test Graph 802.11n40 Chain B 5795 MCS0 PSD

#VBW 300 kHz*

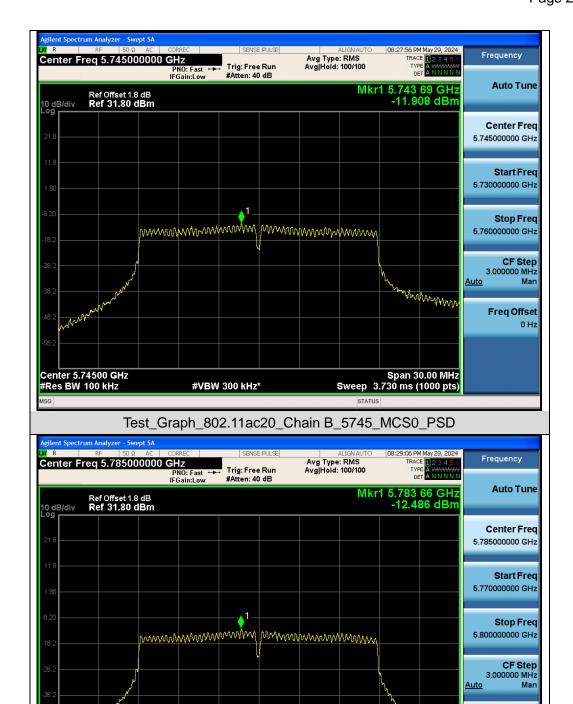
Center 5.79500 GHz #Res BW 100 kHz



Freq Offset 0 Hz

Span 30.00 MHz Sweep 3.730 ms (1000 pts)



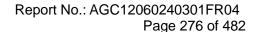


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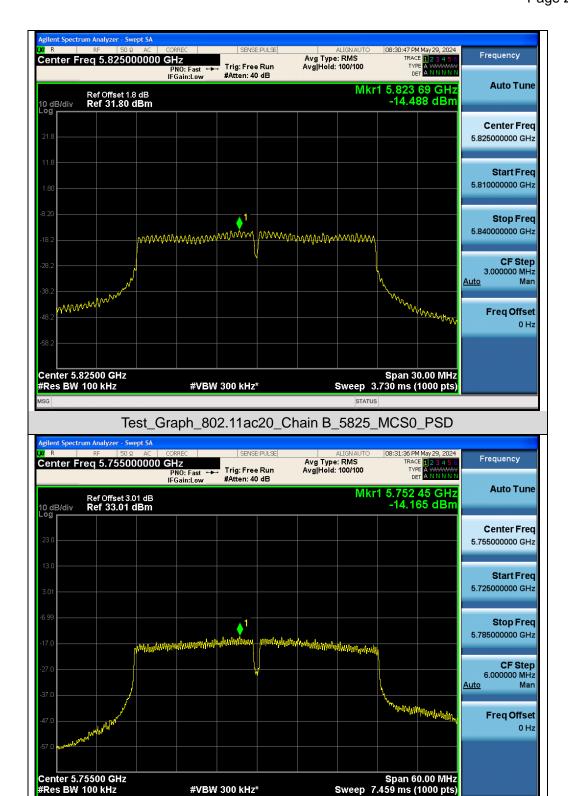
Test Graph 802.11ac20 Chain B 5785 MCS0 PSD

#VBW 300 kHz*

Center 5.78500 GHz #Res BW 100 kHz

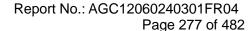






Test Graph 802.11ac40 Chain B 5755 MCS0 PSD

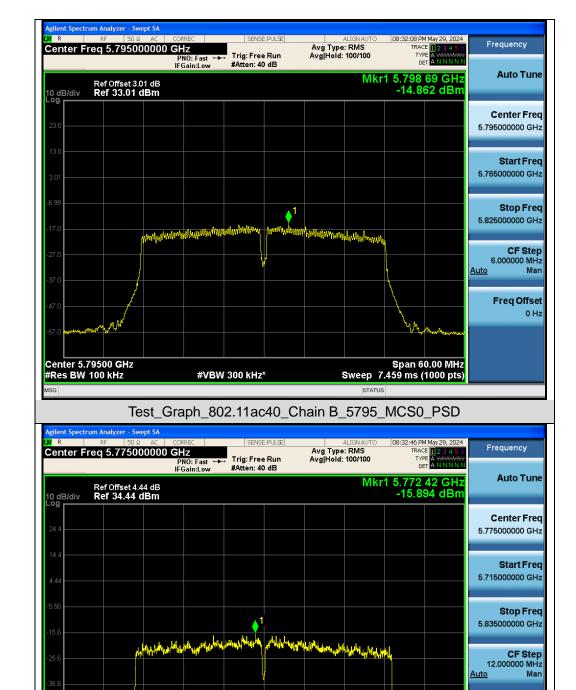
#VBW 300 kHz*



Freq Offset 0 Hz

Span 120.0 MHz Sweep 14.85 ms (1000 pts)



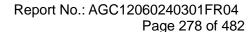


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Test Graph 802.11ac80 Chain B 5775 MCS0 PSD

#VBW 300 kHz*

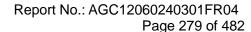
Center 5.77500 GHz #Res BW 100 kHz



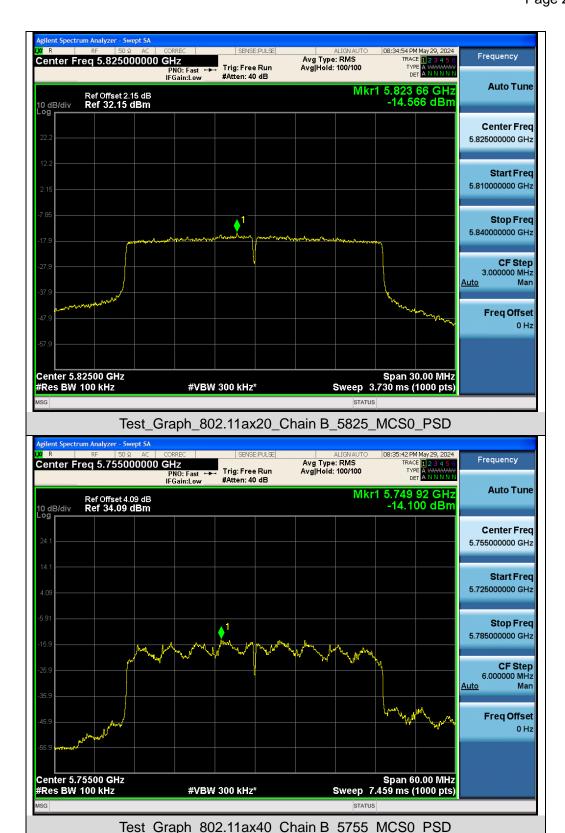


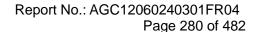


Test Graph 802.11ax20 Chain B 5785 MCS0 PSD









Freq Offset 0 Hz

Span 120.0 MHz Sweep 14.85 ms (1000 pts)





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Test Graph 802.11ax80 Chain B 5775 MCS0 PSD

#VBW 300 kHz*

Center 5.77500 GHz #Res BW 100 kHz



Report No.: AGC12060240301FR04

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10. Conducted Band Edge and Out-of-Band Emissions

10.1 Provisions Applicable

	Applicable to	Limit	
Restricted bands	789033 D02 General UNII Test Procedures New Rules v02r01	Field strength at 3m (dBuV/m)	
		PK: 74	AV: 54
Out of the restricted bands	Applicable to	EIRP Limit (dBm/MHz)	Equivalent field Strength at 3m (dBuV/m)
	FCC 15.407(b)(1)	PK: -27	PK: 68.2
	15.407(b)(2)		
	15.407(b)(3)		
	15.407(b)(4)	See Note 2	

Note 1: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

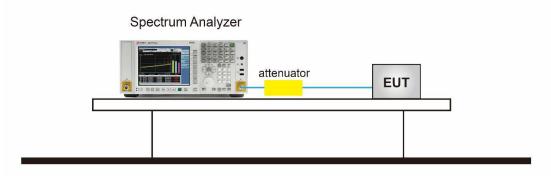
E =
$$\frac{1000000 \sqrt{30 P}}{2}$$
 µV/m, where P is the eirp (Watts).

Note 2: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

10.2 Measurement Procedure

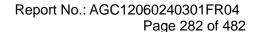
- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the top, the Middle and the bottom operation frequency individually.
- 3. Set the Span = wide enough to capture the peak level of the in-band emission and all spurious emissions from the lowest frequency generated in the EUT up through the 10th harmonic.
- 4. RBW = 100 kHz; VBW= 300 kHz; Sweep = auto; Detector function = peak.(Test frequency below 1GHz)
- 5. RBW = 1 MHz; VBW= 3 MHz; Sweep = auto; Detector function = peak.(Test frequency Above 1GHz)
- 6. Set SPA Trace 1 Max hold, then View.
- 7. Mark the maximum useless stray point and compare it with the limit value to record the result.

10.3 Measurement Setup (Block Diagram of Configuration)



Any report havi g/Inspection

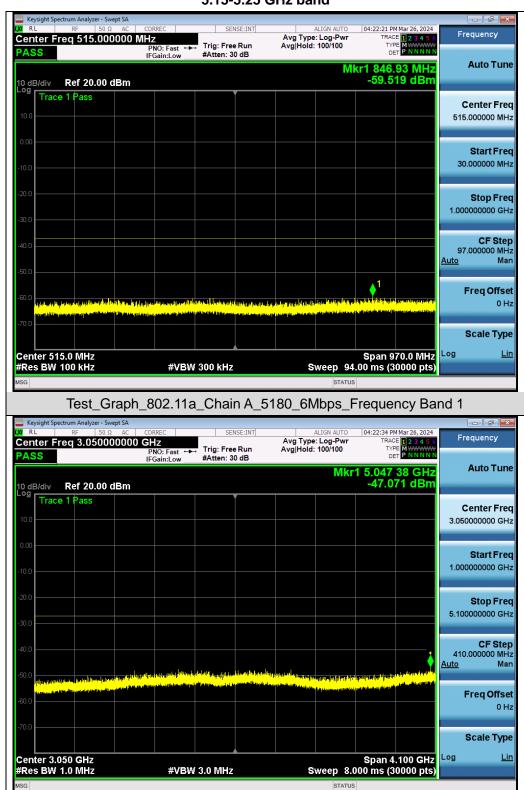
Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

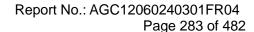




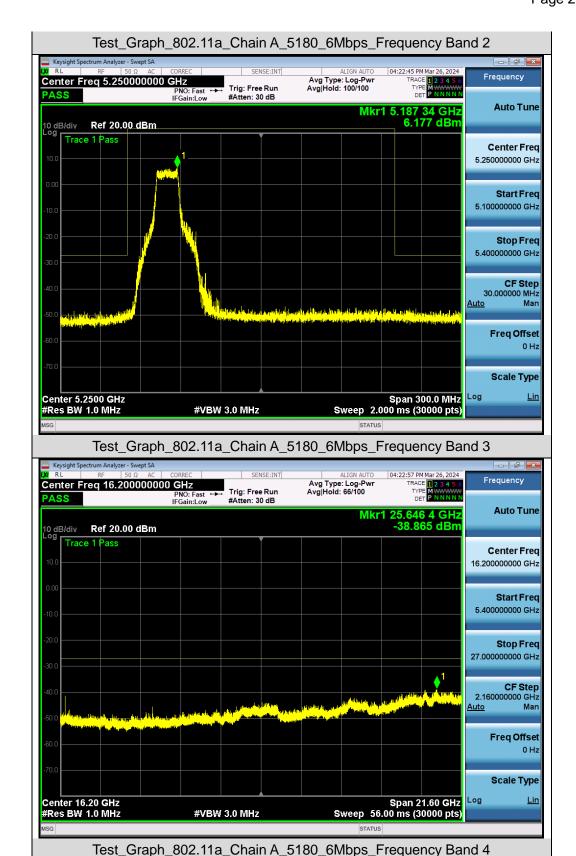
10.4 Measurement Results

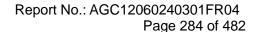
Test Graphs of Spurious Emissions outside of the 5.15-5.25 GHz band for transmitters operating in the 5.15-5.25 GHz band



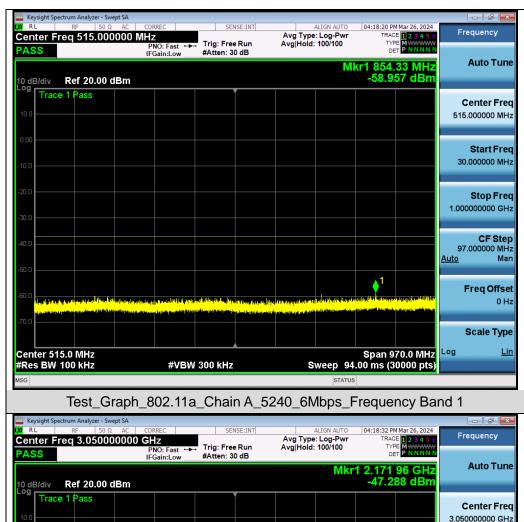


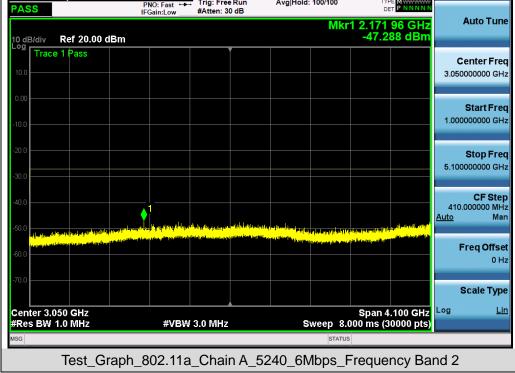


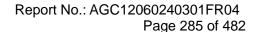




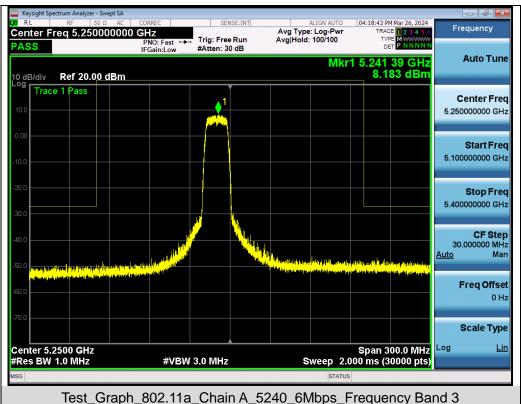




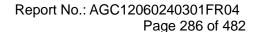




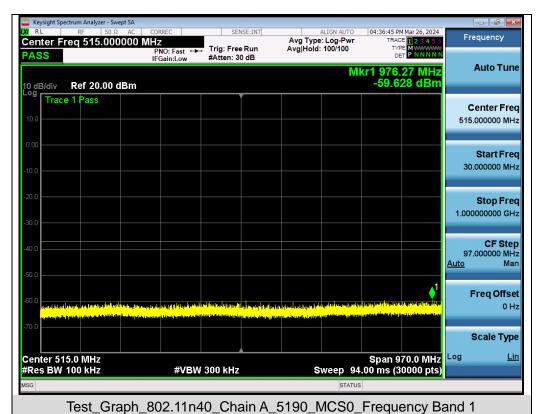




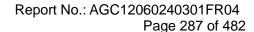




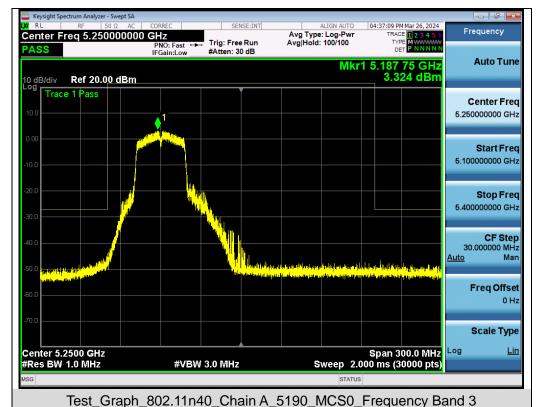




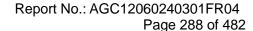




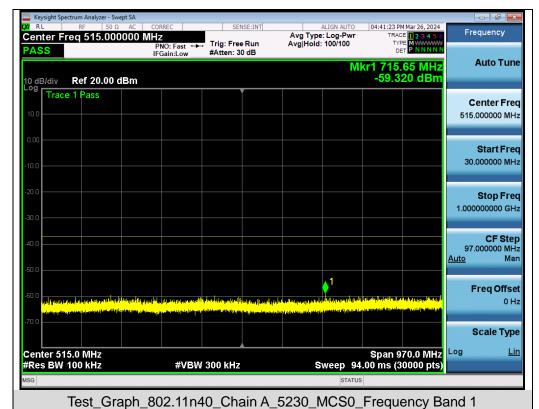


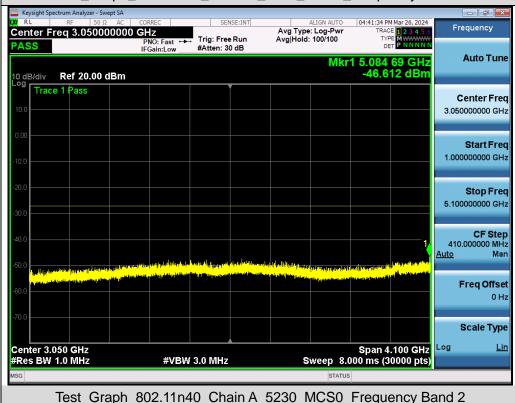


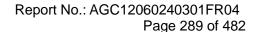




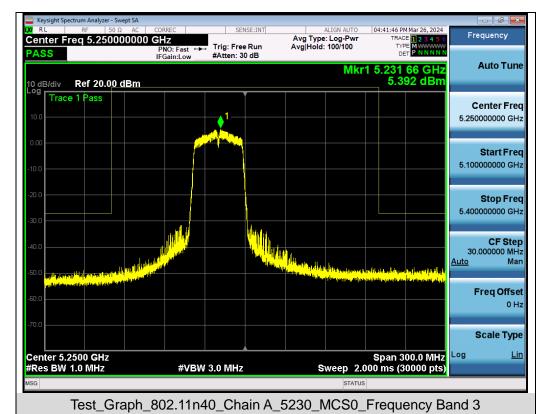


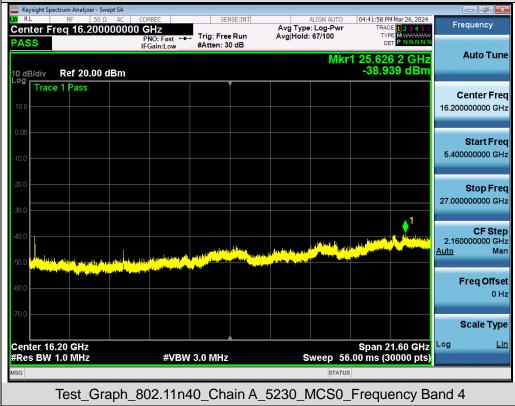


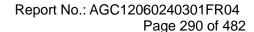




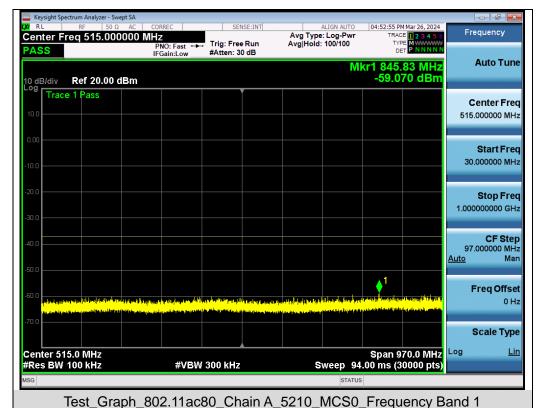




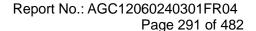








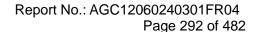








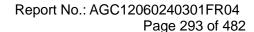




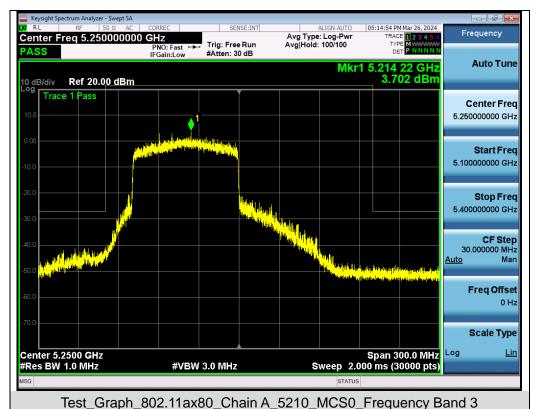




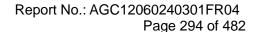




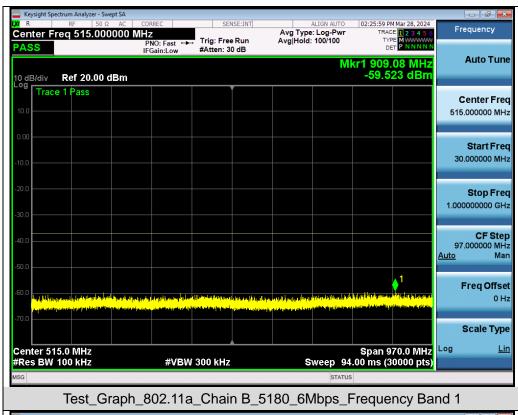


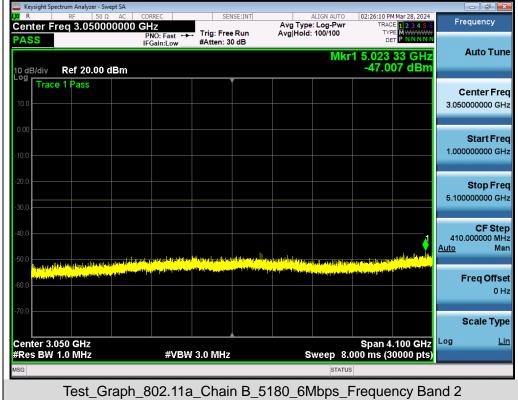


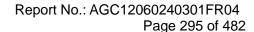




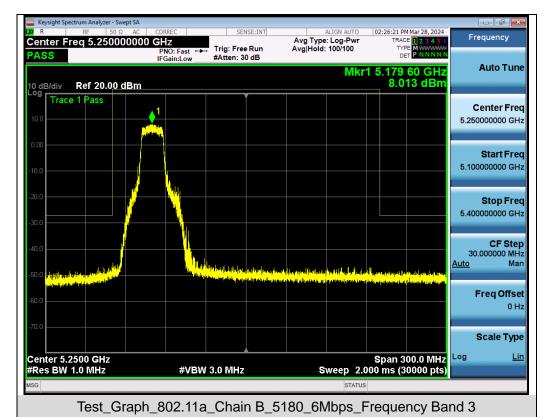




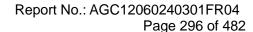












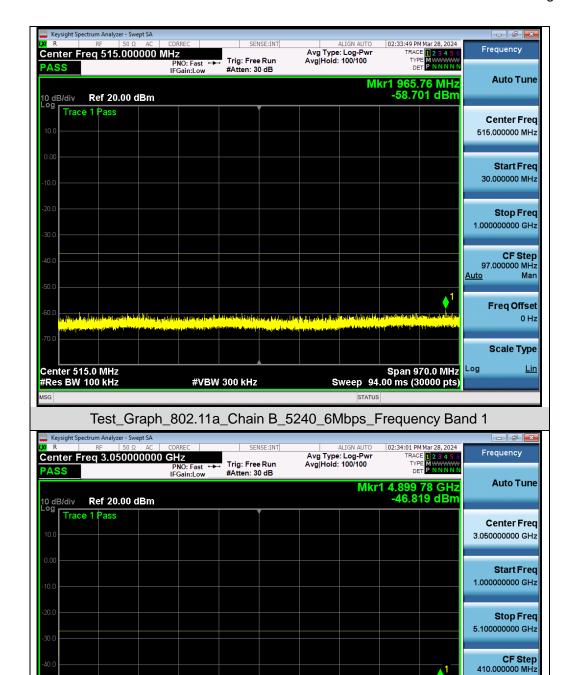
<u>Auto</u>

Span 4.100 GHz Sweep 8.000 ms (30000 pts) Man

Freq Offset 0 Hz

Scale Type





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test Graph 802.11a Chain B 5240 6Mbps Frequency Band 2

#VBW 3.0 MHz

Center 3.050 GHz #Res BW 1.0 MHz

