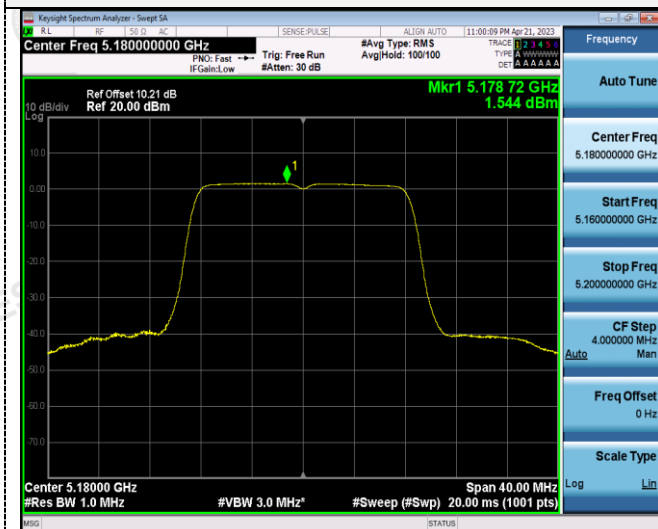


ANT 1

802.11a

U-NII 1



U-NII 3



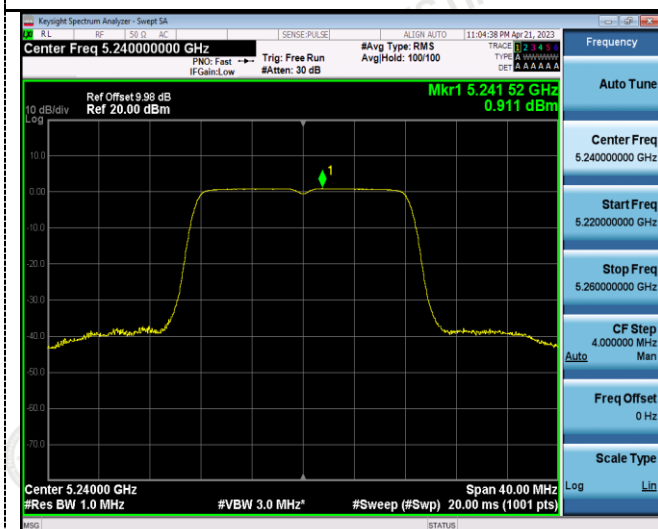
CH36



CH149



CH44



CH157



CH48

CH165

802.11n(HT20)

U-NII 1



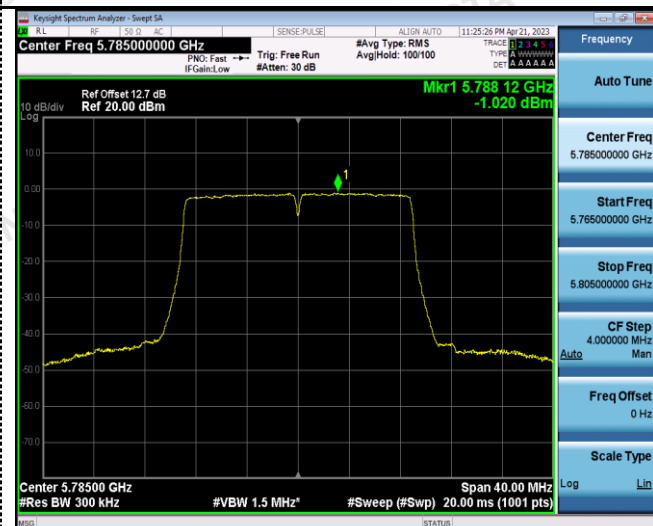
U-NII 3



CH36



CH149



CH44



CH157

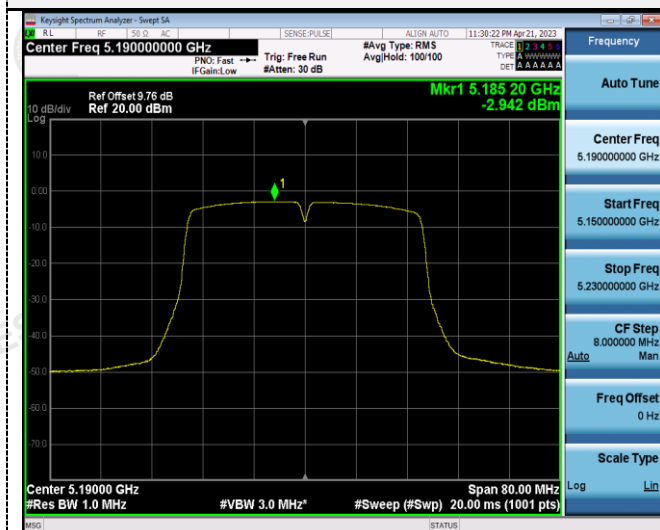


CH48

CH165

802.11n(HT40)

U-NII 1



U-NII 3



CH38



CH151



CH46

CH159

802.11ac(HT20)

U-NII 1



U-NII 3



CH36



CH149



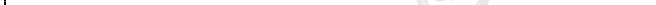
CH44



CH157



CH48

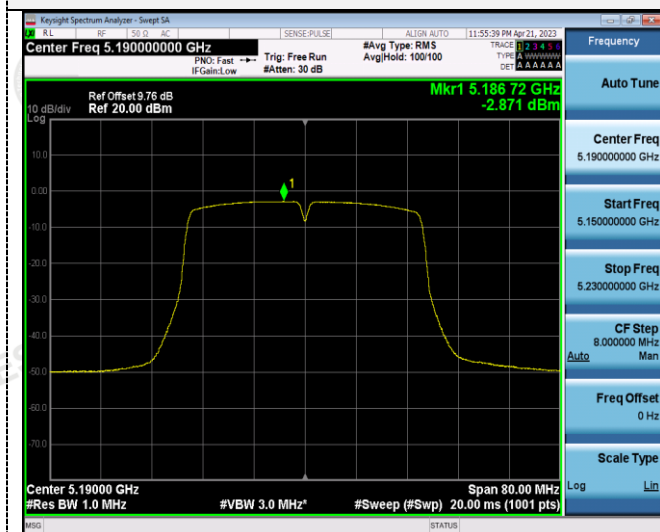


CH165



802.11ac(HT40)

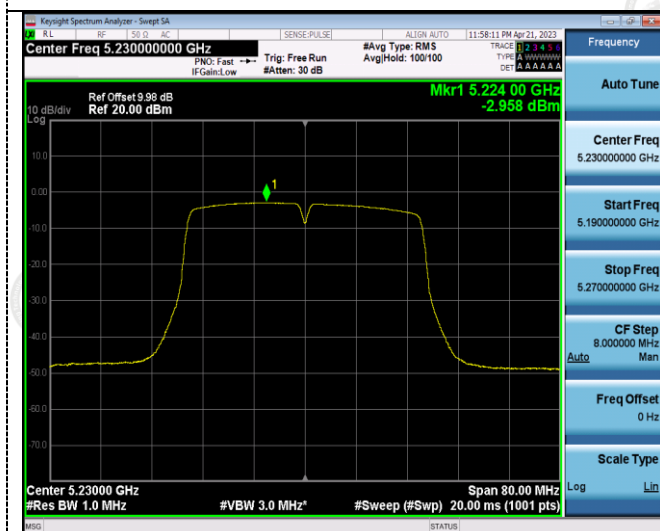
U-NII 1



U-NII 3



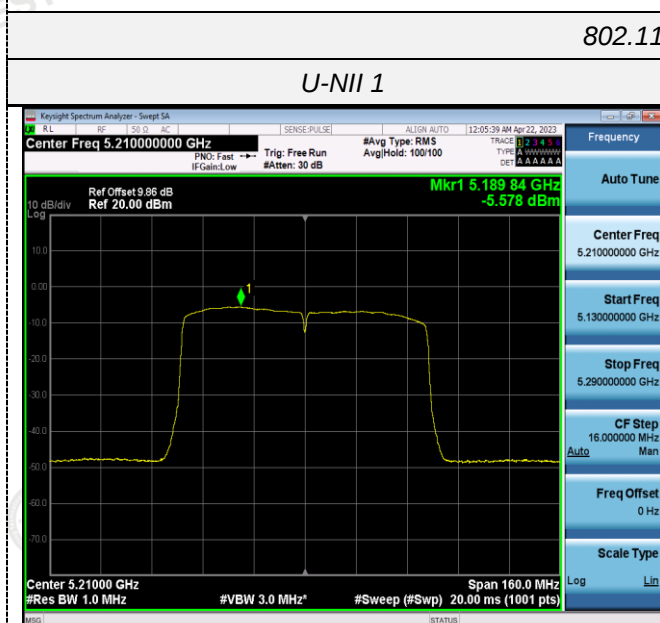
CH38



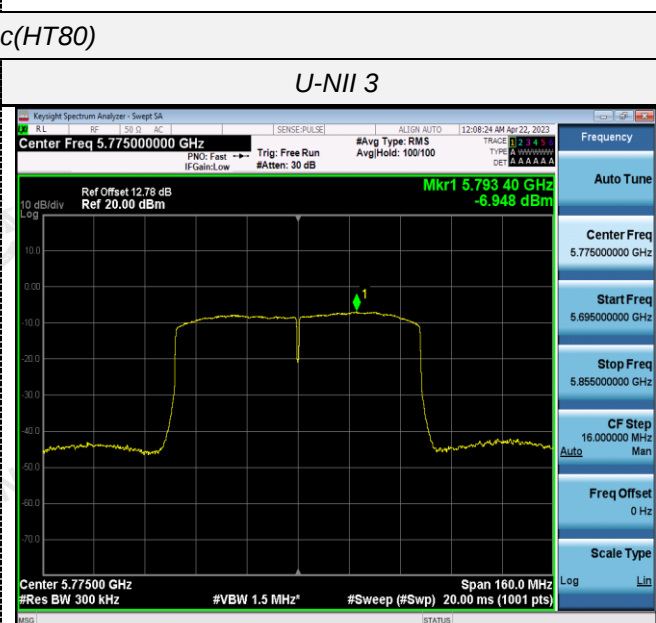
CH151



CH46

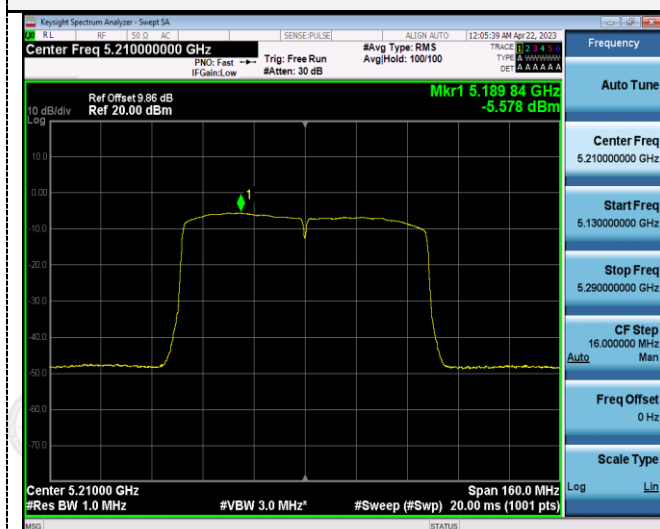


CH159



802.11ac(HT80)

U-NII 1



U-NII 3

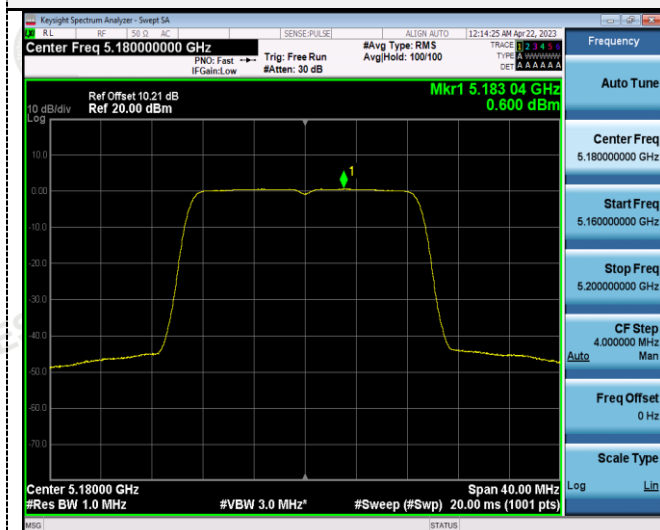


CH42

CH155

802.11ax(HT20)

U-NII 1



U-NII 3



CH36



CH149



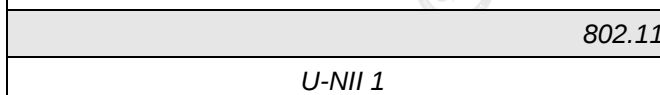
CH44



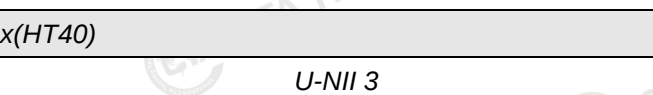
CH157



CH48



CH165



802.11ax(HT40)

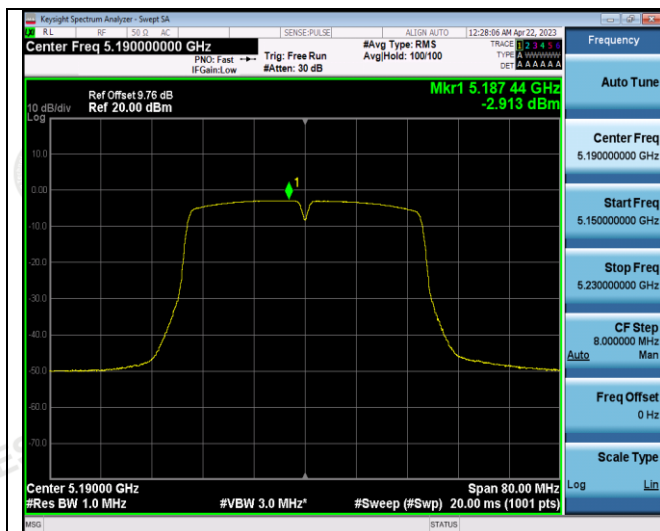
U-NII 1

U-NII 3

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CH38



CH151



CH46

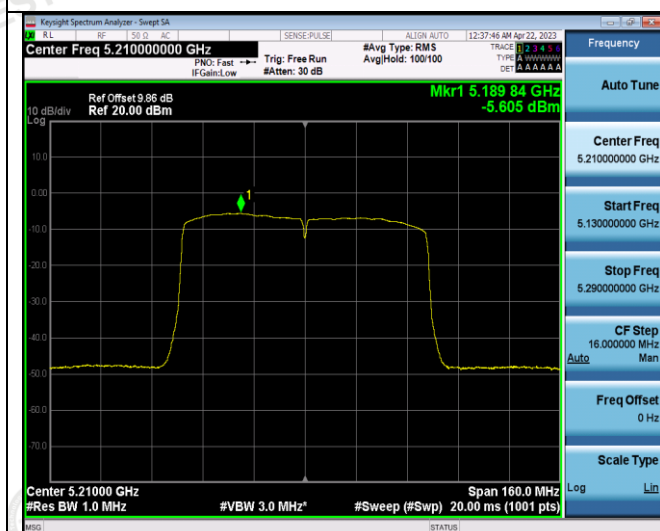


CH159

802.11ax(HT80)

U-NII 1

U-NII 3



CH42



CH155

4.5 Emission Bandwidth (26dB Bandwidth)

Limit

N/A

Test Procedure

1. Set resolution bandwidth (RBW) = approximately 1 % of the EBW.
2. Set the video bandwidth (VBW) > RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW / EBW ratio is approximately 1 %.

Test Configuration



Test Results

ANT 0

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	18.440	N/A	Pass
		44	18.400		
		48	18.400		
802.11n(HT20)	U-NII 1	36	19.360		
		44	19.440		
		48	19.440		
802.11n(HT40)	U-NII 1	38	40.880		
		46	40.640		
802.11ac(HT20)	U-NII 1	36	19.440		
		44	19.480		
		48	19.440		
802.11ac(HT40)	U-NII 1	38	40.880		
		46	40.880		
802.11ac(HT80)	U-NII 1	42	80.640		
802.11ax(HT20)	U-NII 1	36	19.360		
		44	19.400		
		48	19.360		
802.11ax(HT40)	U-NII 1	38	40.640		
		46	40.720		
802.11ax(HT80)	U-NII 1	42	81.120		

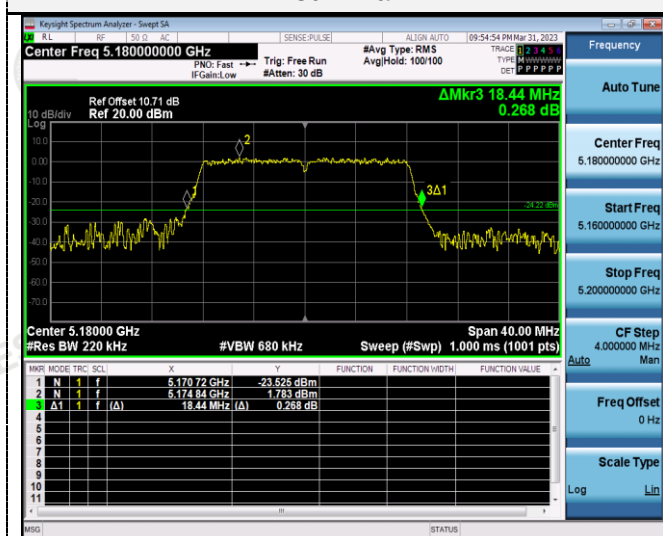
ANT 1

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	18.320	N/A	Pass
		44	19.280		
		48	21.720		
802.11n(HT20)	U-NII 1	36	19.360		
		44	19.400		
		48	19.320		
802.11n(HT40)	U-NII 1	38	40.800		
		46	40.880		
802.11ac(HT20)	U-NII 1	36	19.520		
		44	19.280		
		48	19.440		
802.11ac(HT40)	U-NII 1	38	40.720		
		46	41.360		
802.11ac(HT80)	U-NII 1	42	81.280		
802.11ax(HT20)	U-NII 1	36	19.480		
		44	19.520		
		48	19.440		
802.11ax(HT40)	U-NII 1	38	40.560		
		46	40.720		
802.11ax(HT80)	U-NII 1	42	81.280		

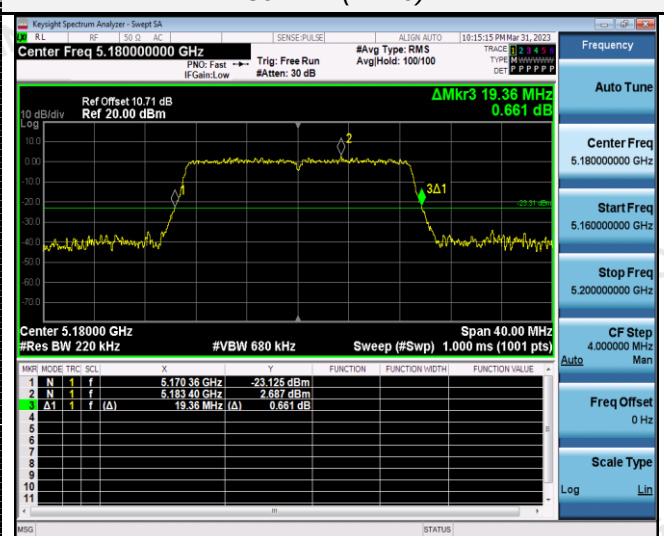
Test plot as follows:

ANT 0

802.11a



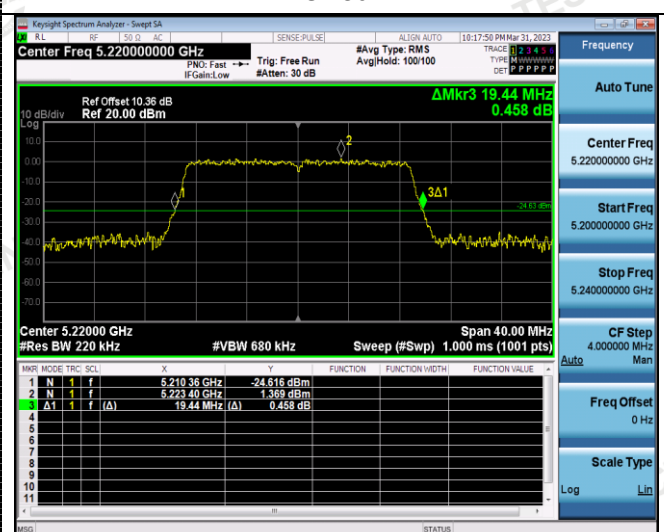
802.11n(HT20)



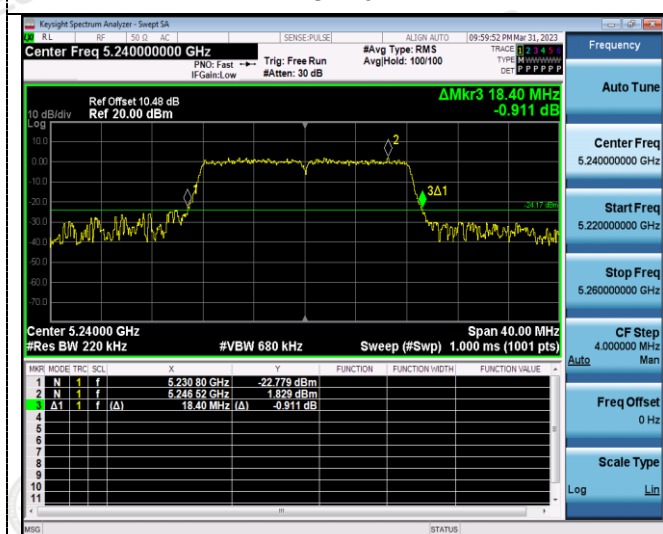
CH36



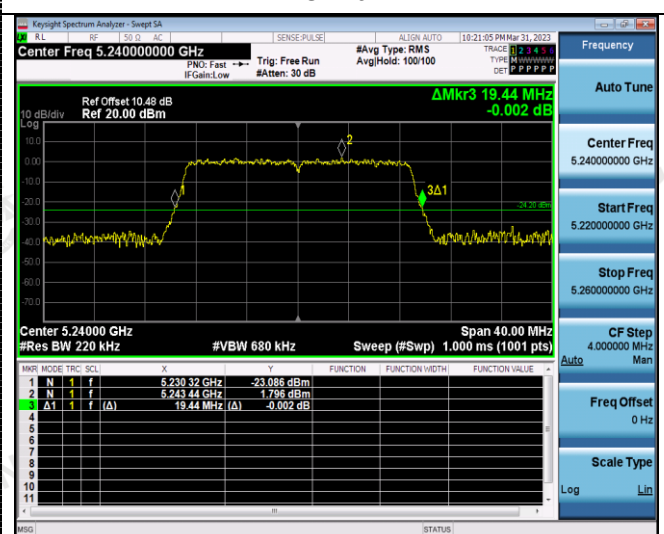
CH36



CH40



CH40



CH48



CH48

