

802.11n(HT40)

U-NII 1



U-NII 3



CH38



CH151



CH46

CH159

802.11ac(HT20)

U-NII 1



U-NII 3



CH36



CH149



CH40



CH157



CH48

CH165

802.11ac(HT40)

U-NII 1



U-NII 3



CH38



CH151

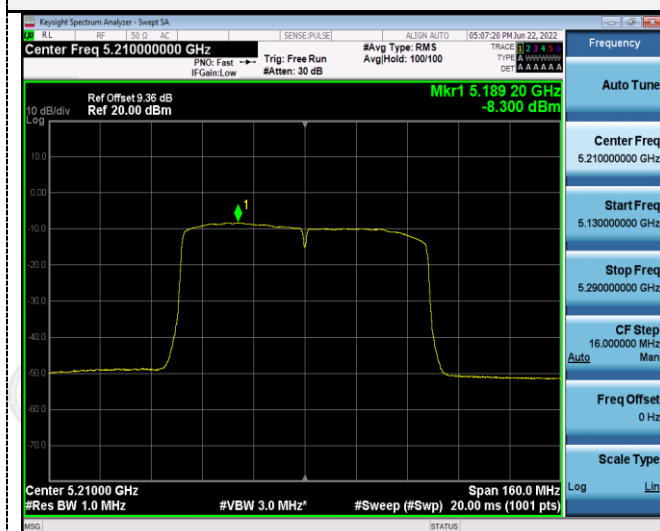


CH46

CH159

802.11ac(HT80)

U-NII 1



U-NII 3



CH42

CH155

ANT 2

802.11a

U-NII 1



U-NII 3



CH36



CH149



CH40



CH157



CH48

CH165

802.11n(HT20)

U-NII 1



U-NII 3



CH36



CH149



CH40



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



CH40



CH157



CH48

CH165

802.11ac(HT40)

U-NII 1



U-NII 3



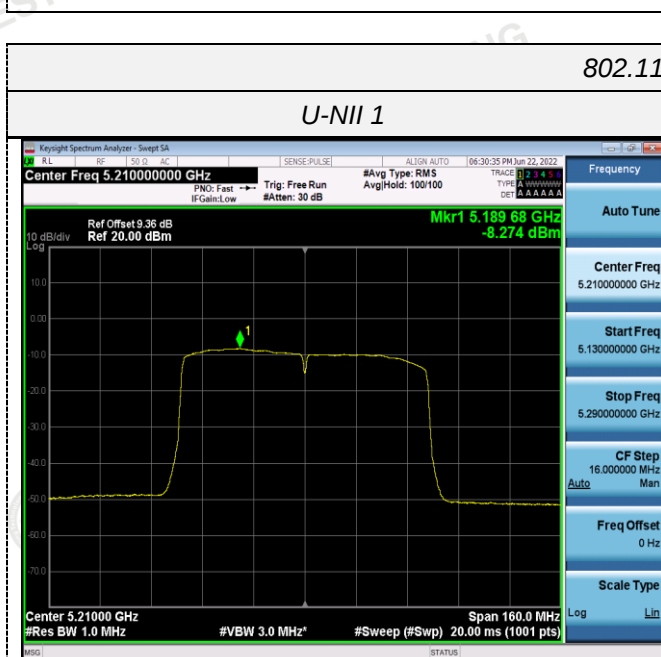
CH38



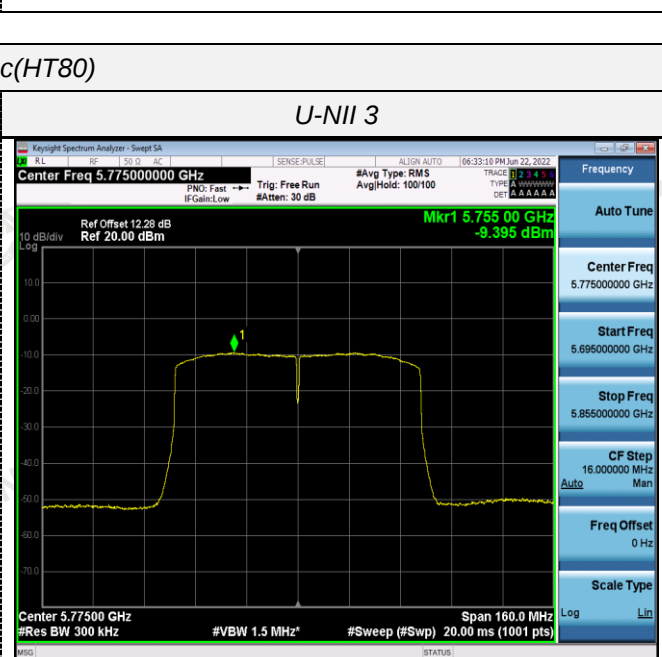
CH151



CH46



CH159



802.11ac(HT80)

U-NII 1



U-NII 3



CH42

CH155

4.6 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 1

C	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	18.440	N/A	Pass
		40	18.440		
		48	18.440		
802.11n(HT20)	U-NII 1	36	19.280		
		40	19.360		
		48	19.480		
802.11n(HT40)	U-NII 1	38	40.640		
		46	40.800		
802.11ac(HT20)	U-NII 1	36	19.320		
		40	19.360		
		48	19.320		
802.11ac(HT40)	U-NII 1	38	40.640		
		46	40.640		
802.11ac(HT80)	U-NII 1	42	80.640		