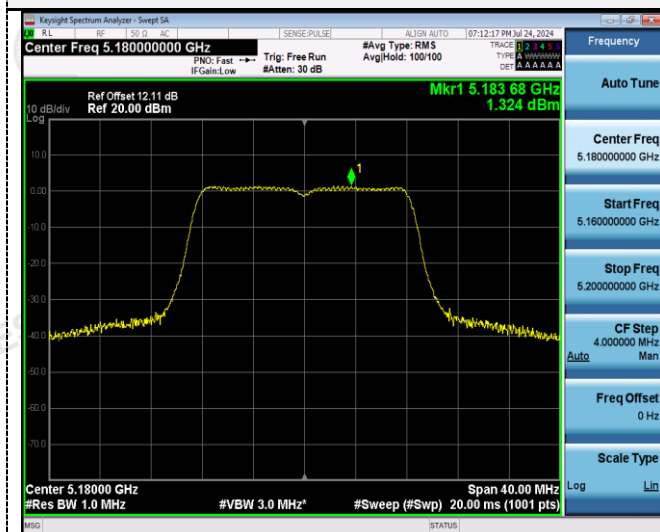


Ant2:

802.11a

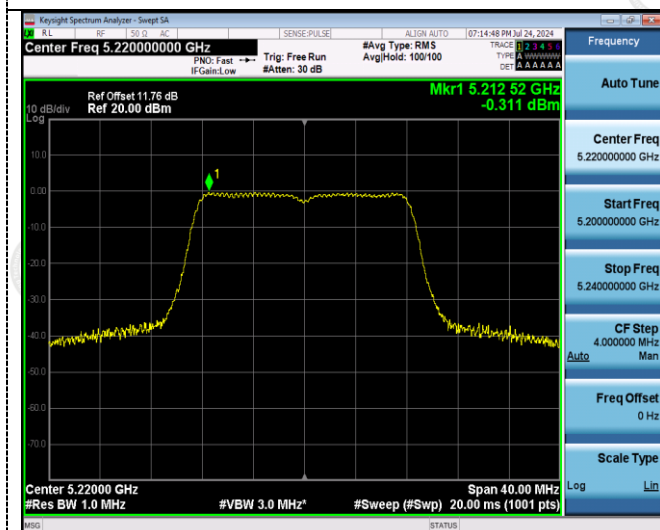
U-NII 1



U-NII 3



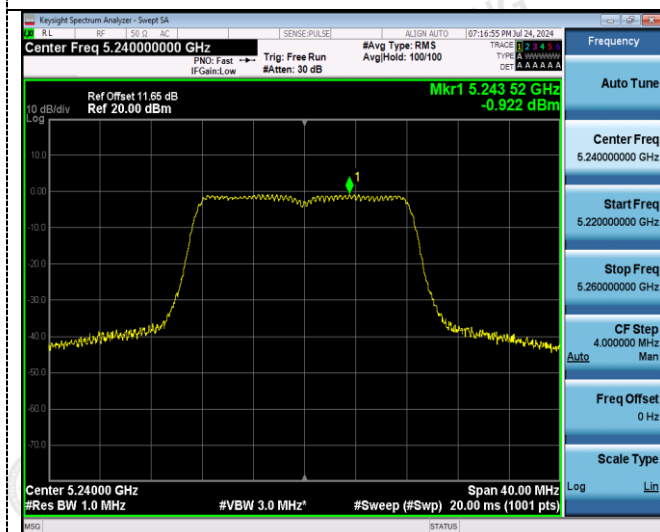
CH36



CH149



CH40



CH157

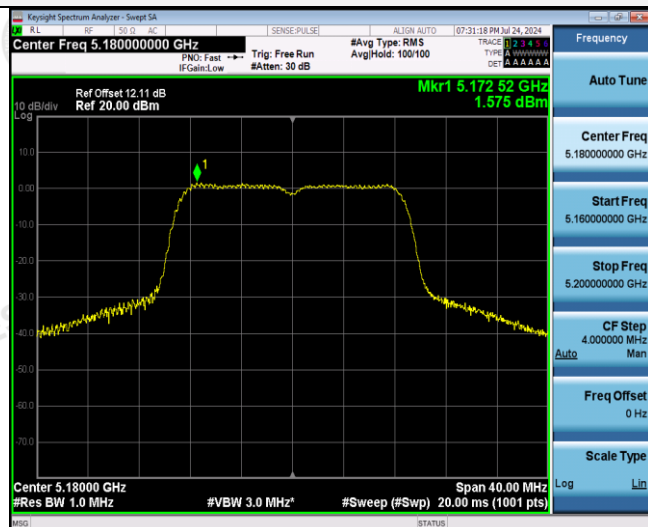


CH48

CH165

802.11n(HT20)

U-NII 1



U-NII 3



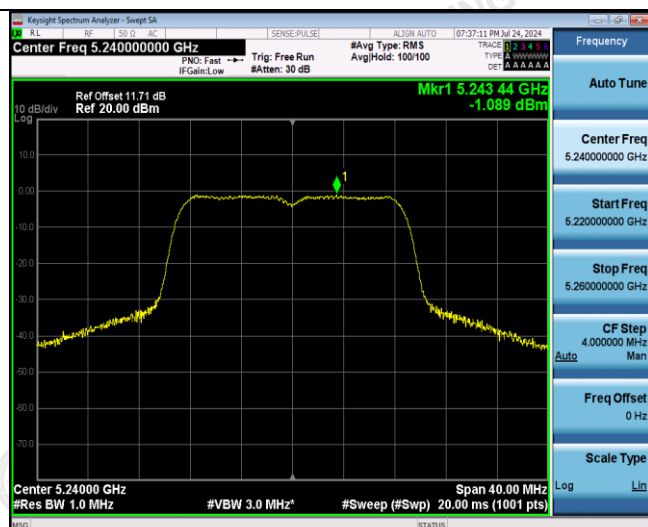
CH36



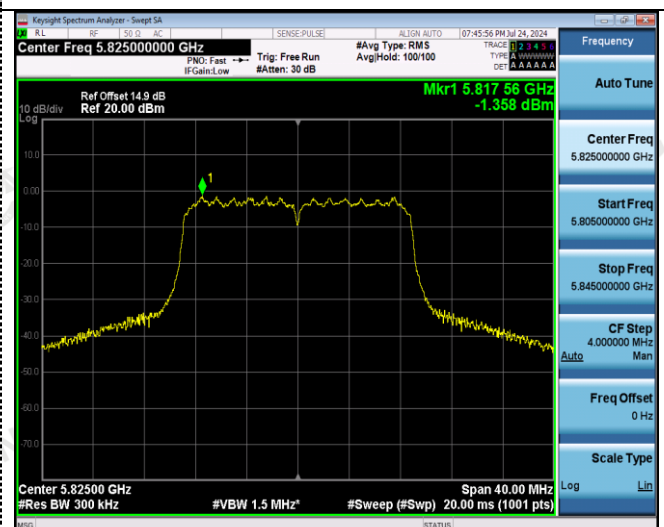
CH149



CH40



CH157

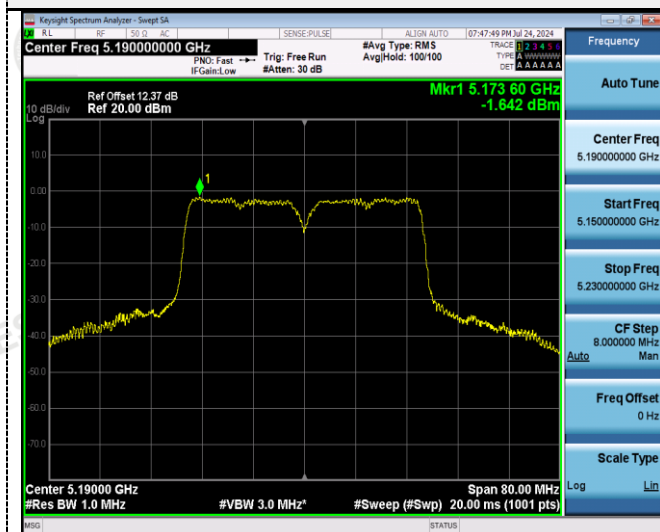


CH48

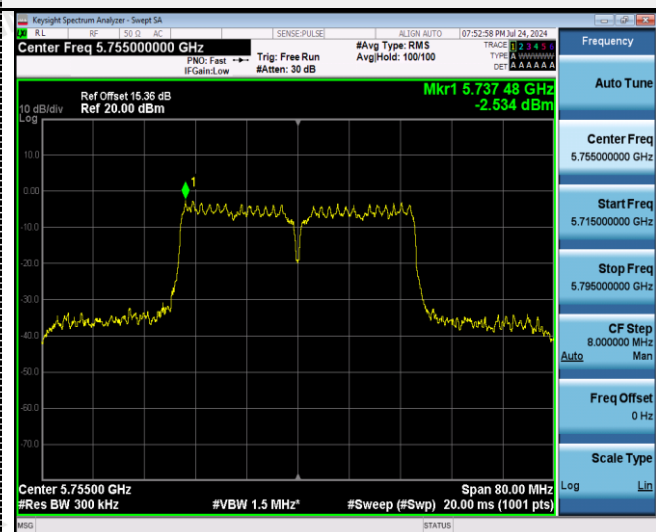
CH165

802.11n(HT40)

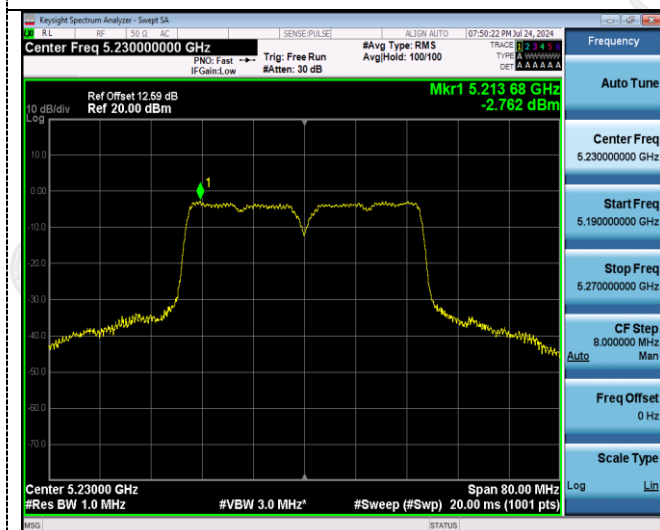
U-NII 1



U-NII 3



CH38



CH151

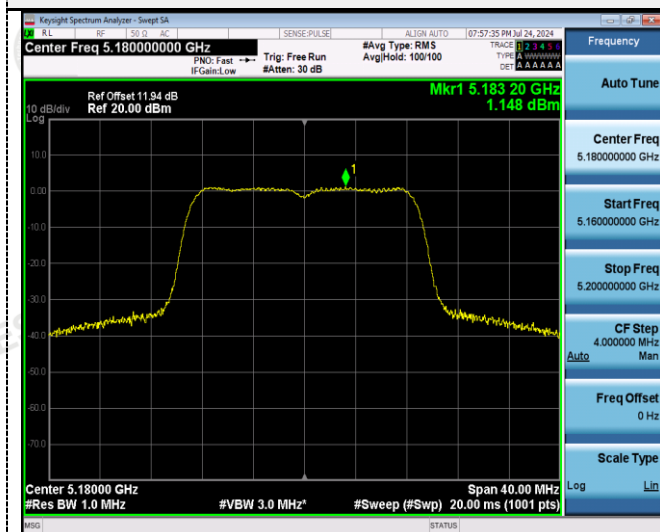


CH46

CH159

802.11ac(HT20)

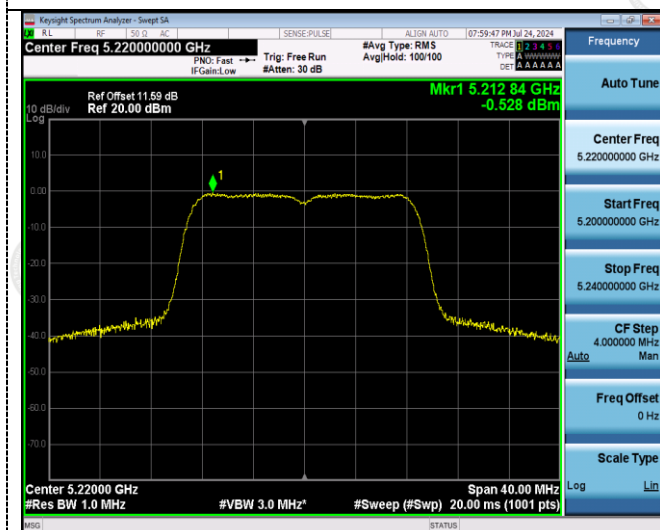
U-NII 1



U-NII 3



CH36



CH149



CH40



CH157

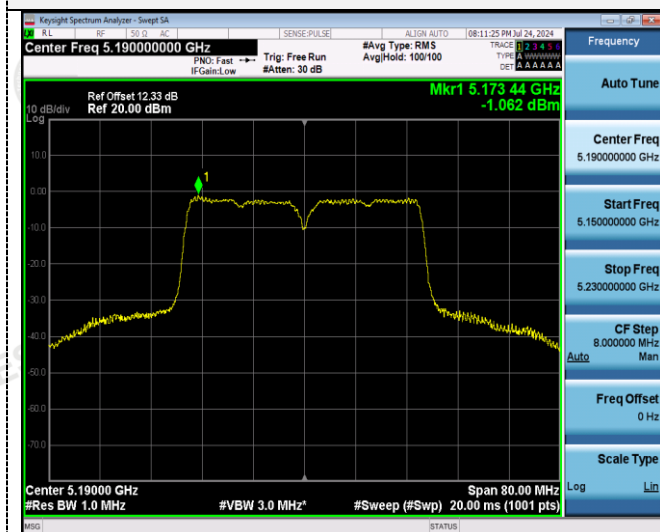


CH48

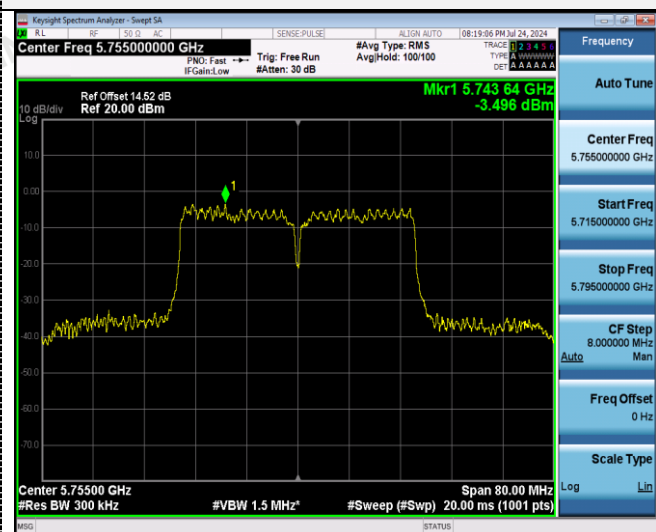
CH165

802.11ac(HT40)

U-NII 1



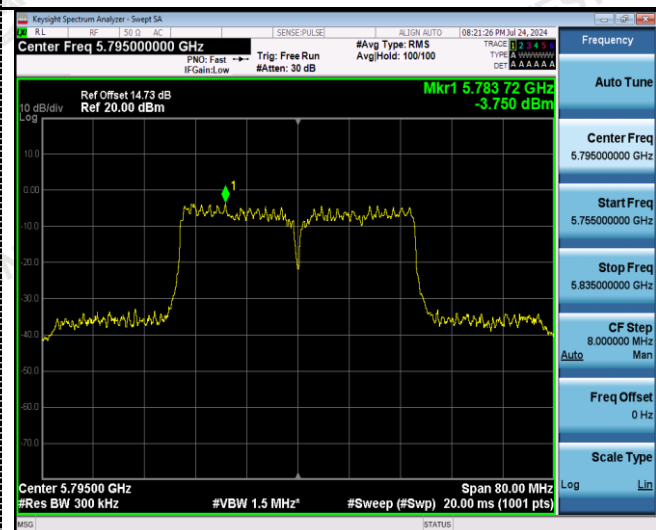
U-NII 3



CH38



CH151



CH46

CH159

802.11ac(HT80)

U-NII 1



U-NII 3

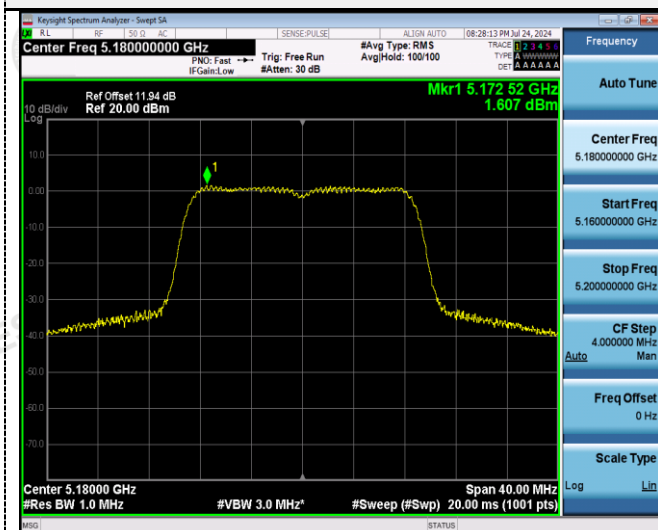


CH42

CH155

802.11ax(HT20)

U-NII 1



U-NII 3



CH36



CH149



CH40



CH157

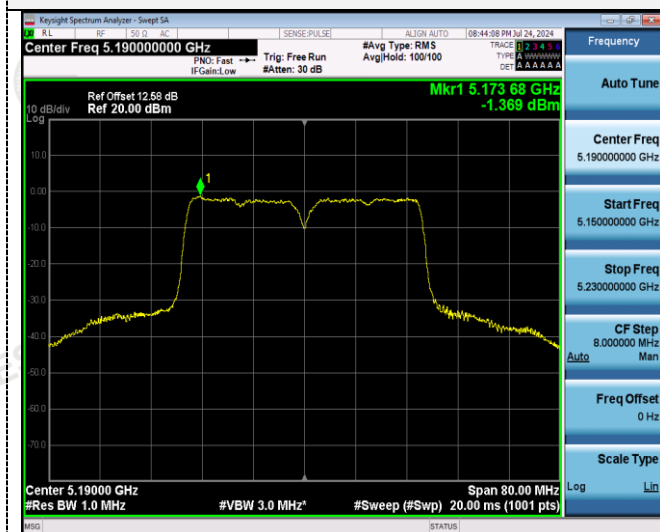


CH48

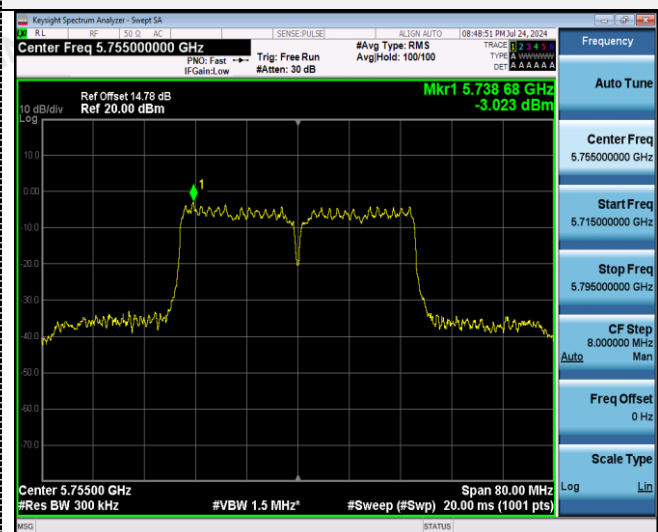
CH165

802.11ax(HT40)

U-NII 1



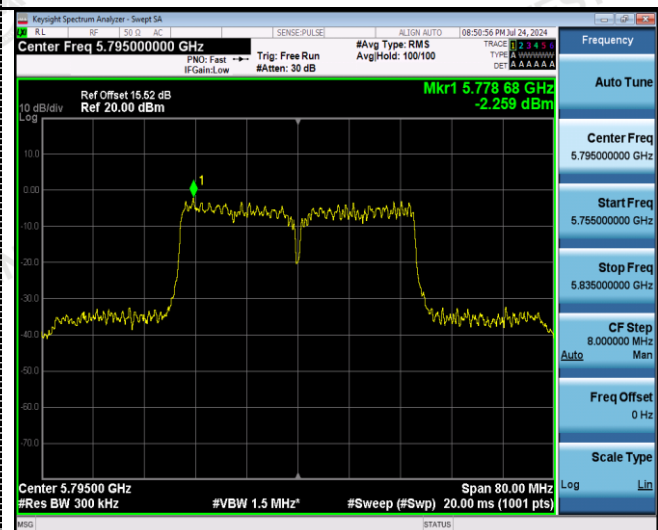
U-NII 3



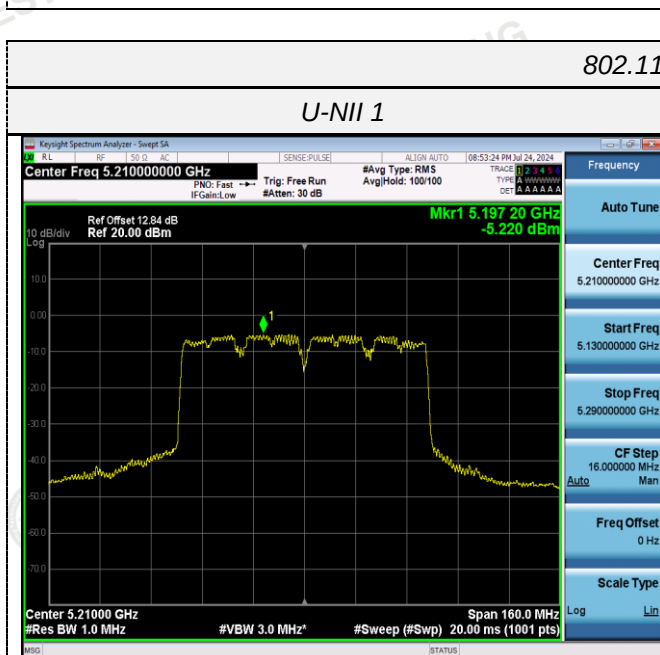
CH38



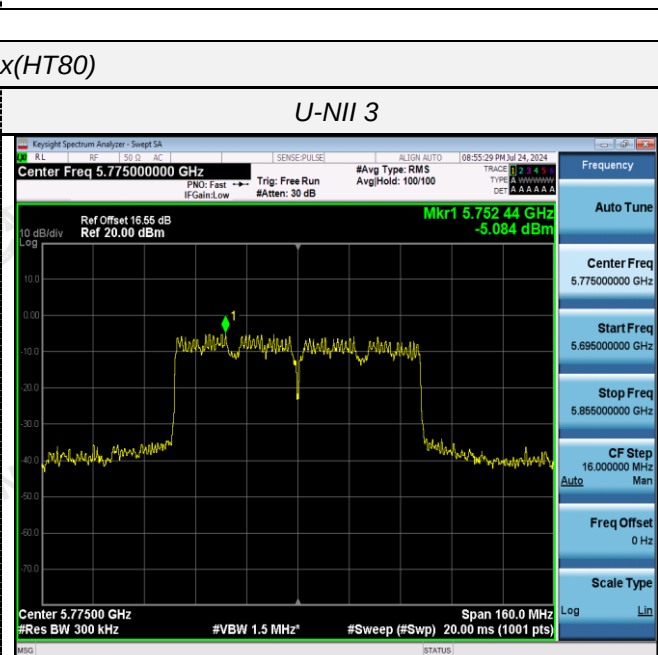
CH151



CH46



CH159



802.11ax(HT80)

U-NII 1



U-NII 3



CH42

CH155

4.5 Emission Bandwidth (26dB Bandwidth)

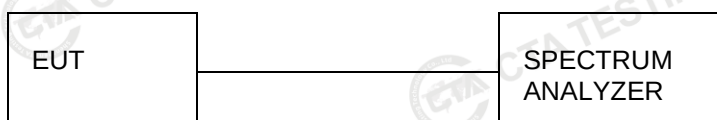
Limit

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

Ant1:

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	26.160	N/A	Pass
		40	23.920		
		48	20.080		
802.11n(HT20)	U-NII 1	36	26.080		
		40	25.120		
		48	26.160		
802.11n(HT40)	U-NII 1	38	43.600		
		46	49.680		
802.11ac(HT20)	U-NII 1	36	24.280		
		40	22.520		
		48	22.280		
802.11ac(HT40)	U-NII 1	38	47.120		
		46	52.960		
802.11ac(HT80)	U-NII 1	42	84.800		
802.11ax(HT20)	U-NII 1	36	21.280		
		40	21.880		
		48	20.880		
802.11ax(HT40)	U-NII 1	38	52.160		
		46	50.000		
802.11ax(HT80)	U-NII 1	42	83.360		

Ant2:

Type	Bands	Channel	26dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	U-NII 1	36	22.600	N/A	Pass
		40	21.240		
		48	24.560		
802.11n(HT20)	U-NII 1	36	24.680		
		40	25.000		
		48	24.760		
802.11n(HT40)	U-NII 1	38	49.840		
		46	56.000		
802.11ac(HT20)	U-NII 1	36	24.560		
		40	21.080		
		48	20.520		
802.11ac(HT40)	U-NII 1	38	52.080		
		46	50.000		
802.11ac(HT80)	U-NII 1	42	84.640		
802.11ax(HT20)	U-NII 1	36	21.080		
		40	23.880		
		48	22.880		
802.11ax(HT40)	U-NII 1	38	49.120		
		46	53.040		
802.11ax(HT80)	U-NII 1	42	84.000		

Test plot as follows:

Ant1:

