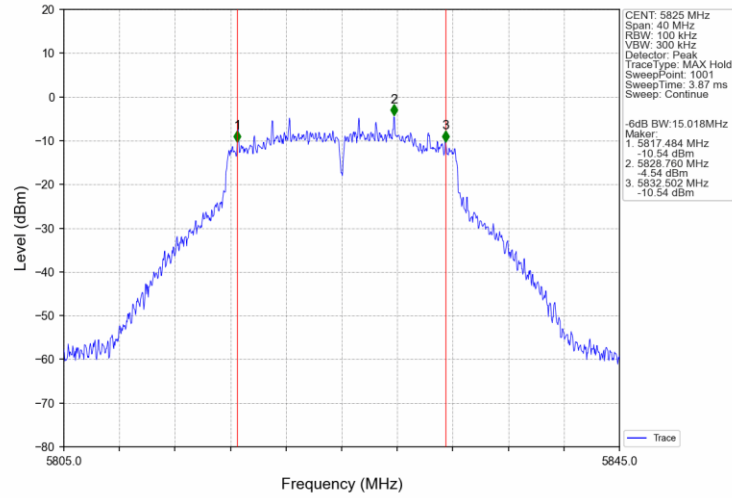
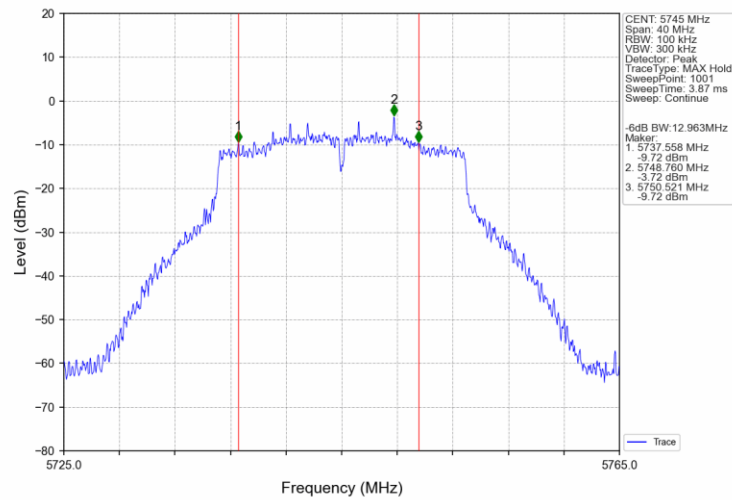


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802.11a_HCH_5825MHz_Ant1_NTNV

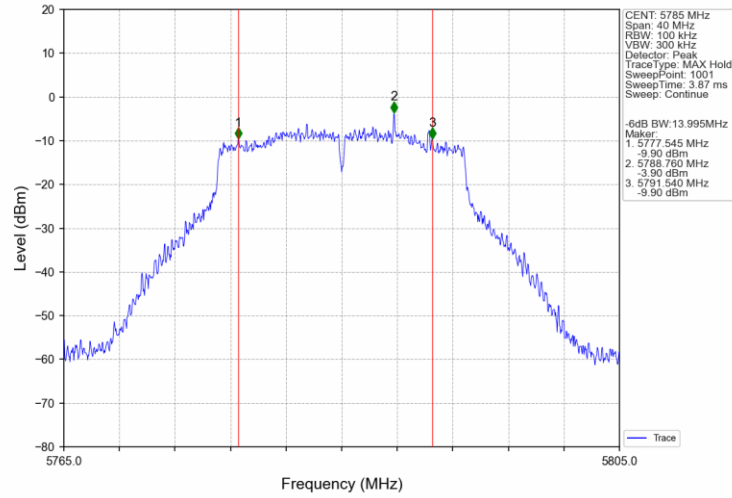


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

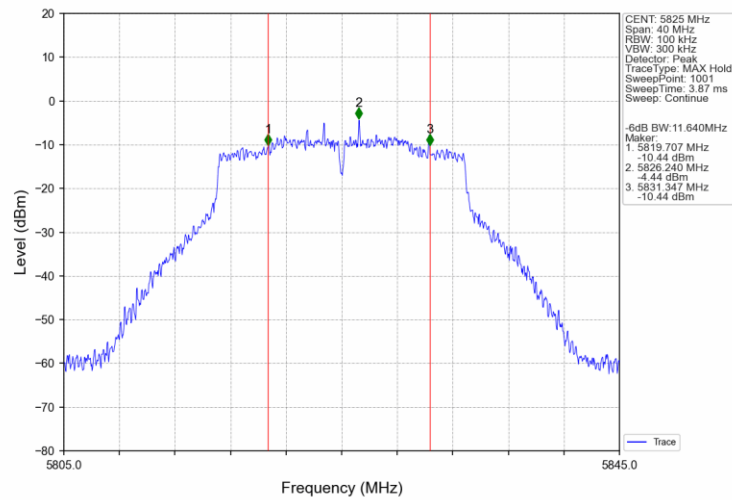




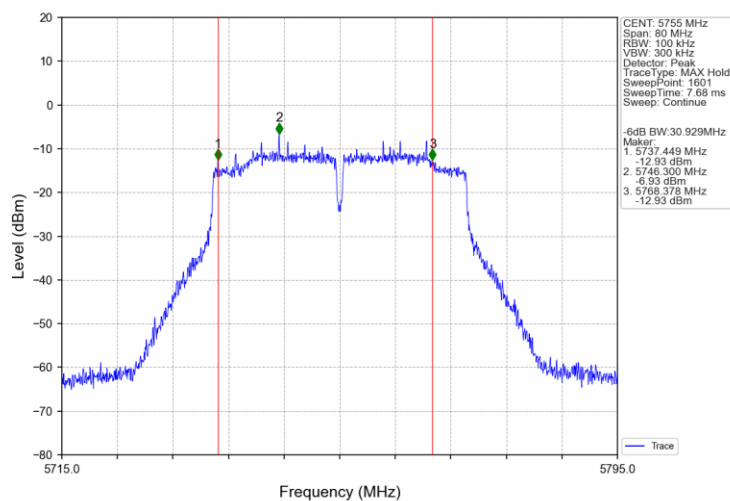
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



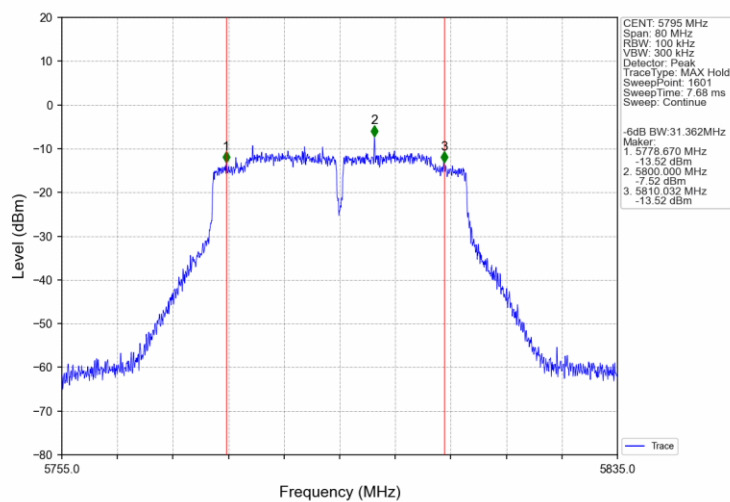
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

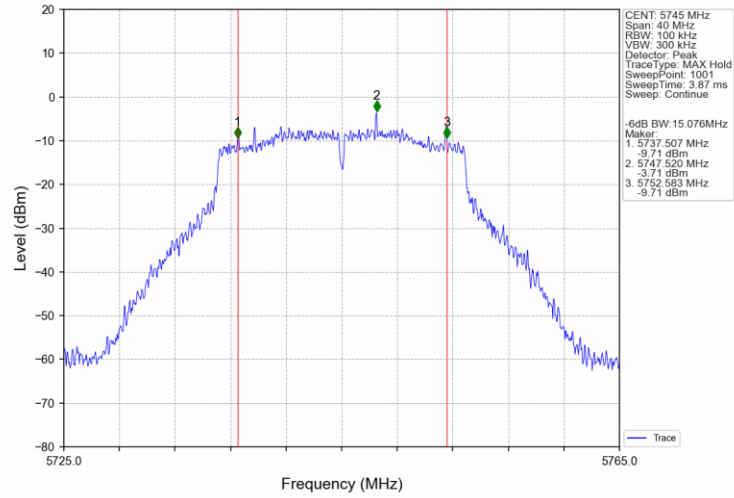


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

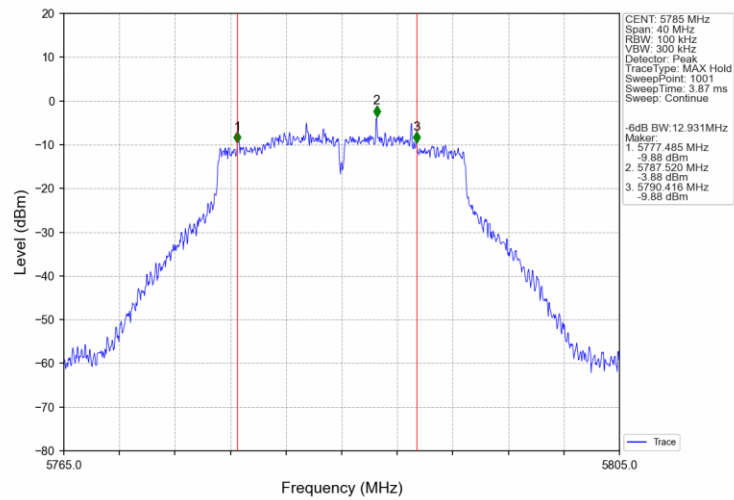




802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

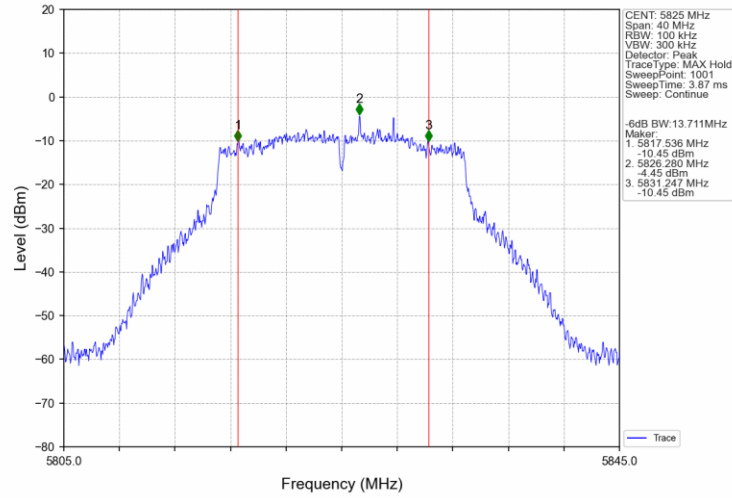


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

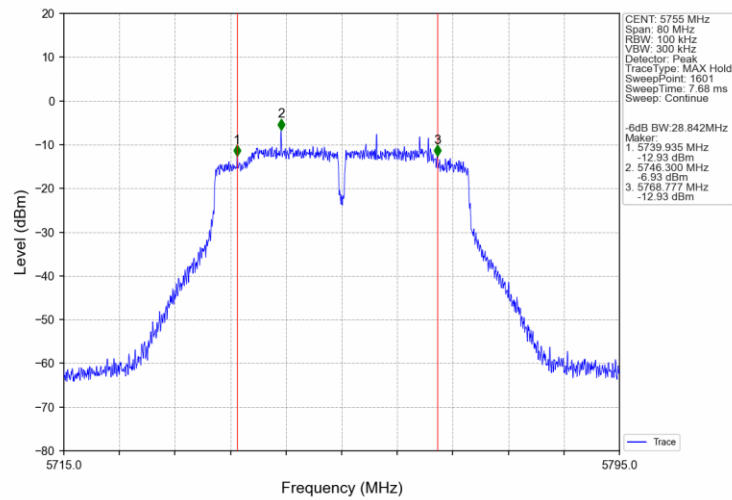


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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

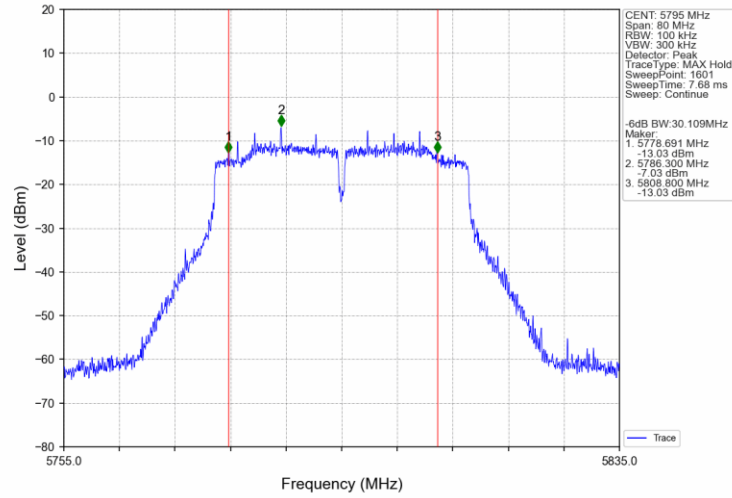


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

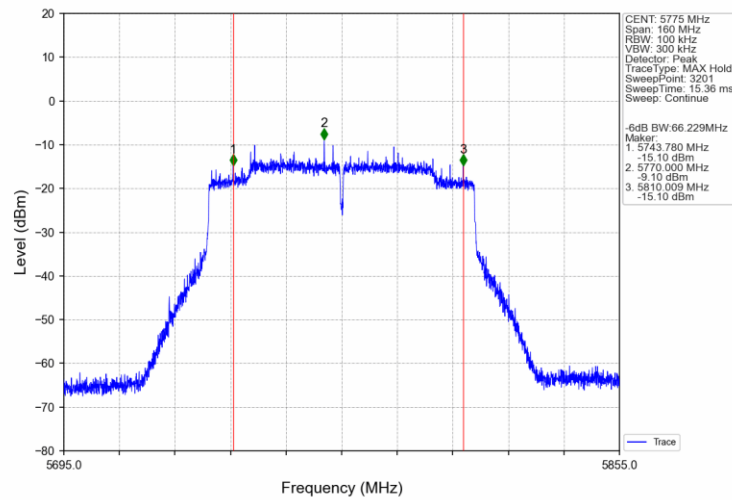




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

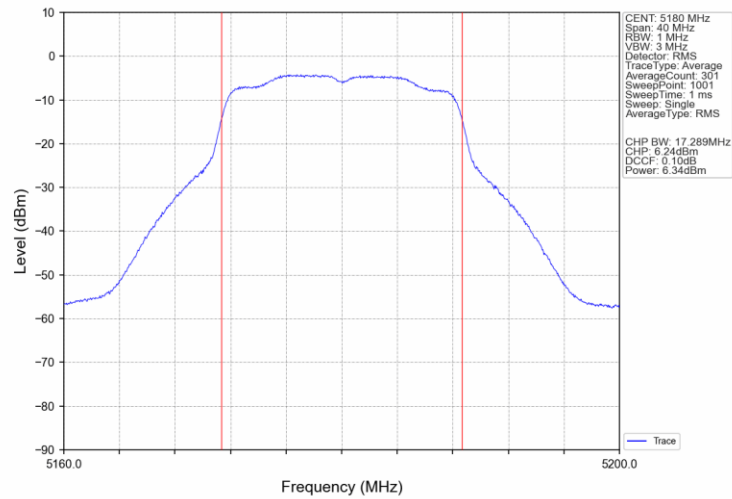
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict		
			ANT1	ANT2	MIMO	Limit			
802.11a	SISO	5180	6.34	5.93	/	<=23.98	Pass		
		5200	5.41	6.53	/	<=23.98	Pass		
		5240	4.82	7.24	/	<=23.98	Pass		
		5745	5.99	7.06	/	<=30	Pass		
		5785	5.97	8.31	/	<=30	Pass		
		5825	5.36	7.80	/	<=30	Pass		
802.11n (HT20)	MIMO	5180	6.14	5.74	8.95	<=23.98	Pass		
		5200	5.29	6.39	8.89	<=23.98	Pass		
		5240	4.69	7.09	9.06	<=23.98	Pass		
		5745	5.83	6.91	9.41	<=30	Pass		
		5785	5.86	8.17	10.18	<=30	Pass		
		5825	5.18	7.64	9.59	<=30	Pass		
802.11n (HT40)	MIMO	5190	5.69	6.10	8.91	<=23.98	Pass		
		5230	4.78	6.98	9.03	<=23.98	Pass		
		5755	6.07	7.44	9.82	<=30	Pass		
		5795	5.98	8.34	10.33	<=30	Pass		
802.11ac (VHT20)	MIMO	5180	6.18	5.77	8.99	<=23.98	Pass		
		5200	5.24	6.37	8.85	<=23.98	Pass		
		5240	4.73	7.10	9.09	<=23.98	Pass		
		5745	5.88	6.93	9.45	<=30	Pass		
		5785	5.86	8.18	10.18	<=30	Pass		
		5825	5.27	7.66	9.64	<=30	Pass		
		802.11ac (VHT40)	MIMO	5190	5.74	6.12	8.94	<=23.98	Pass
				5230	4.81	6.99	9.05	<=23.98	Pass
				5755	6.04	7.41	9.79	<=30	Pass
				5795	6.03	8.32	10.33	<=30	Pass
802.11ac (VHT80)	MIMO	5210	5.25	6.57	8.97	<=23.98	Pass		
		5775	6.15	8.09	10.24	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.11dBi; Ant2: 3.21dBi; Note2: Directional Gain: 6.17dBi									



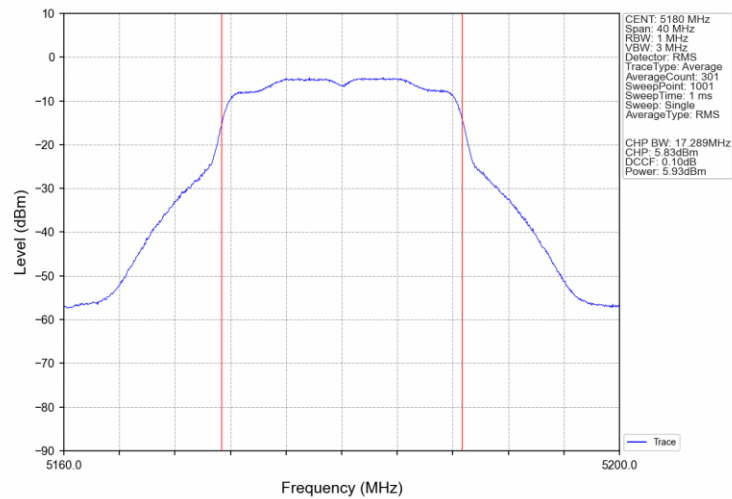
3.2 Test Graph

3.2.1 Power

802.11a_LCH_5180MHz_Ant1_NTNV

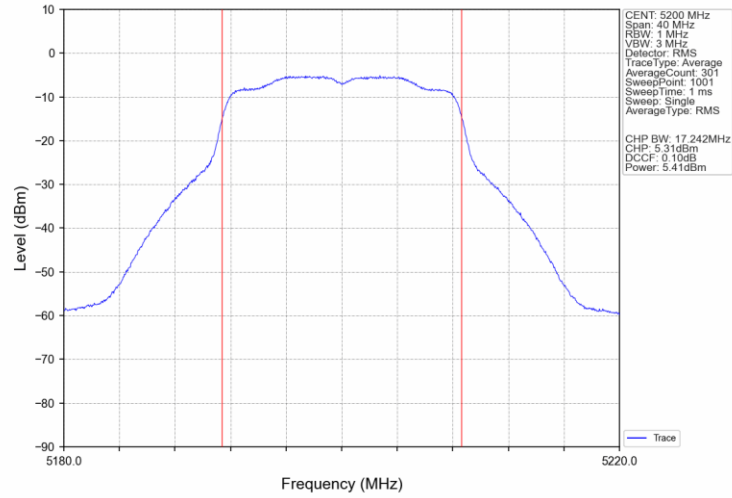


802.11a_LCH_5180MHz_Ant2_NTNV

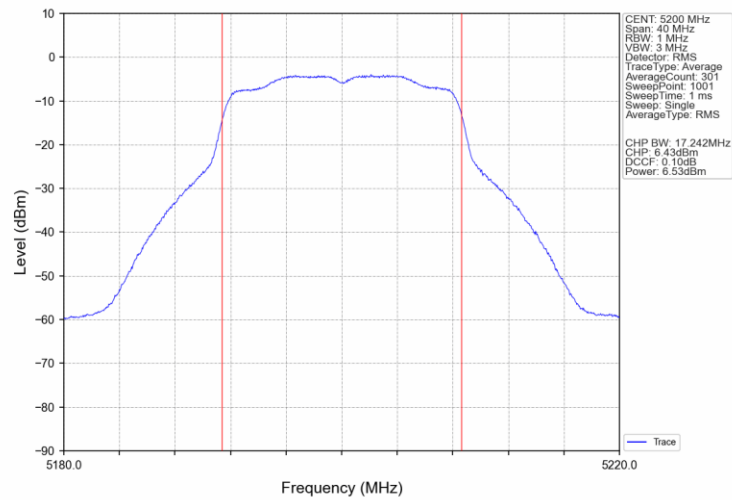




802.11a_MCH_5200MHz_Ant1_NTNV

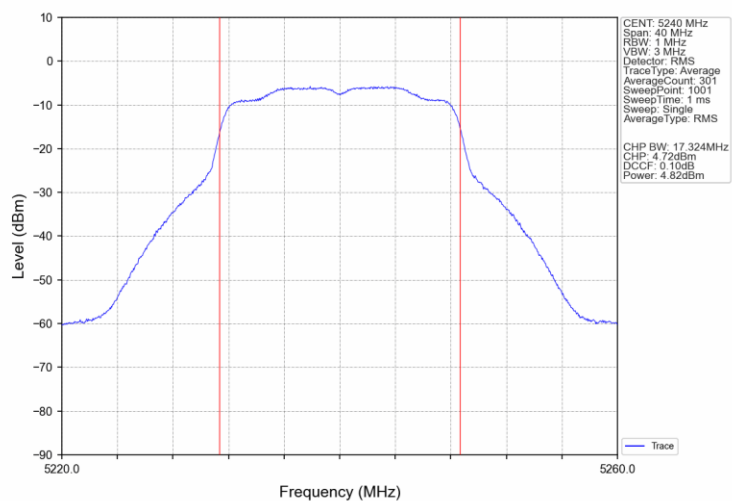


802.11a_MCH_5200MHz_Ant2_NTNV

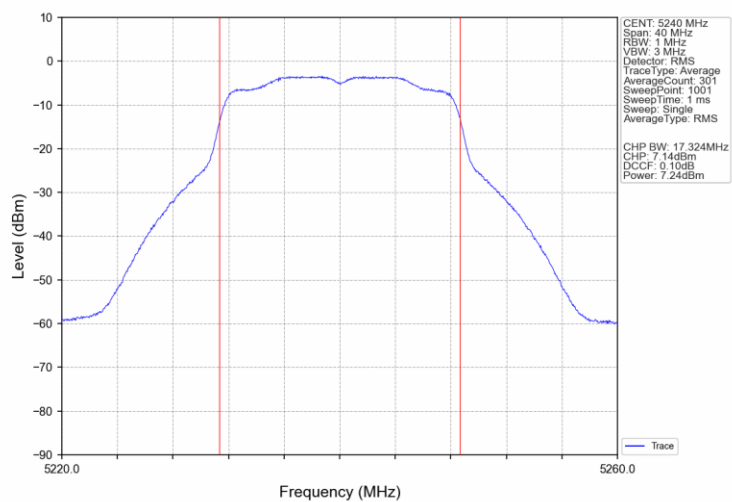




802.11a_HCH_5240MHz_Ant1_NTNV

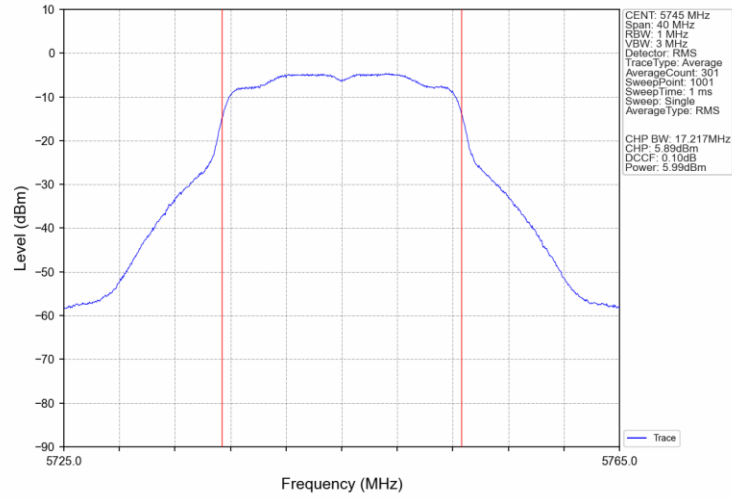


802.11a_HCH_5240MHz_Ant2_NTNV

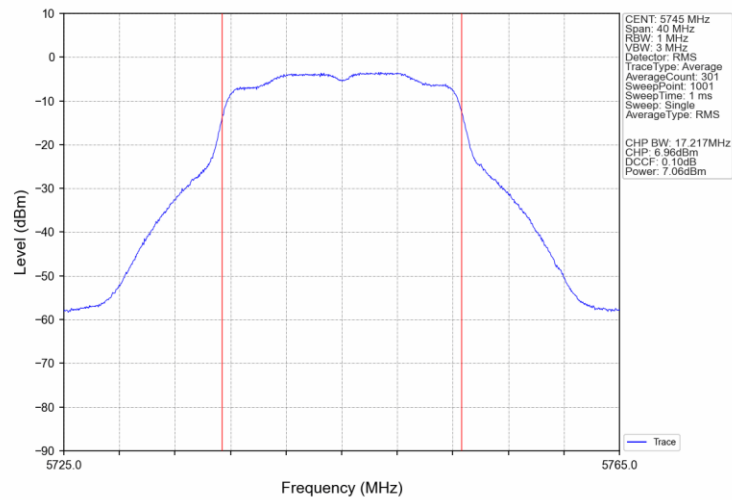




802.11a_LCH_5745MHz_Ant1_NTNV

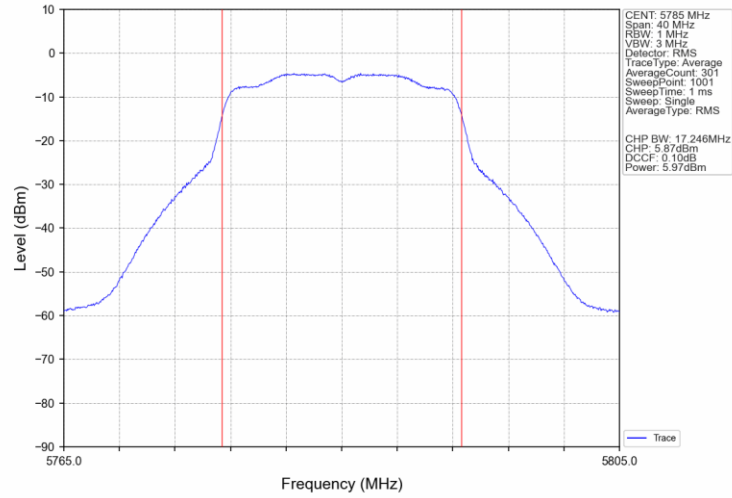


802.11a_LCH_5745MHz_Ant2_NTNV

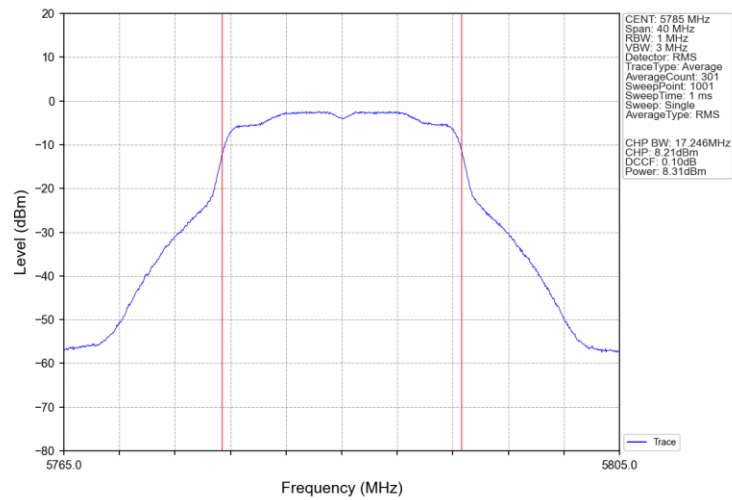




802.11a_MCH_5785MHz_Ant1_NTNV

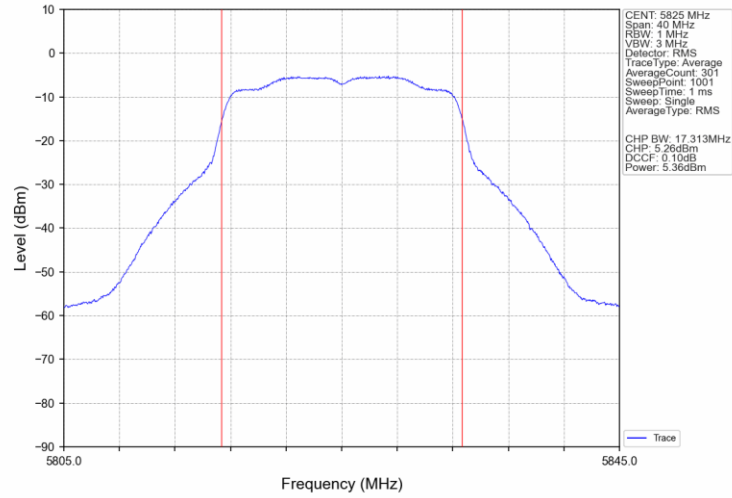


802.11a_MCH_5785MHz_Ant2_NTNV

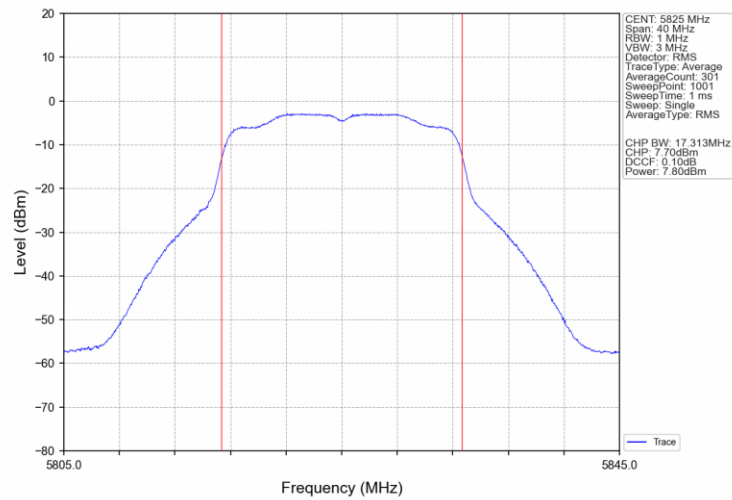




802.11a_HCH_5825MHz_Ant1_NTNV

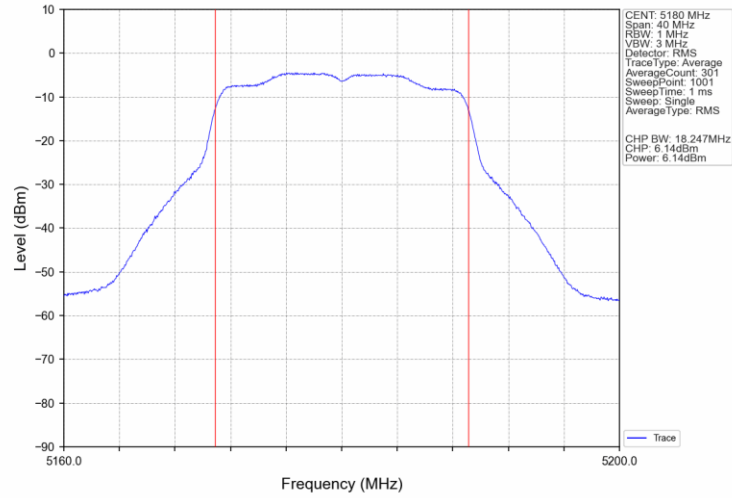


802.11a_HCH_5825MHz_Ant2_NTNV

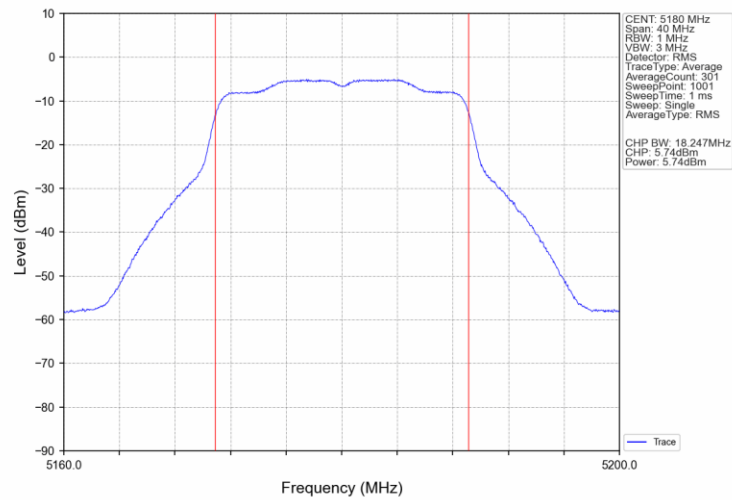


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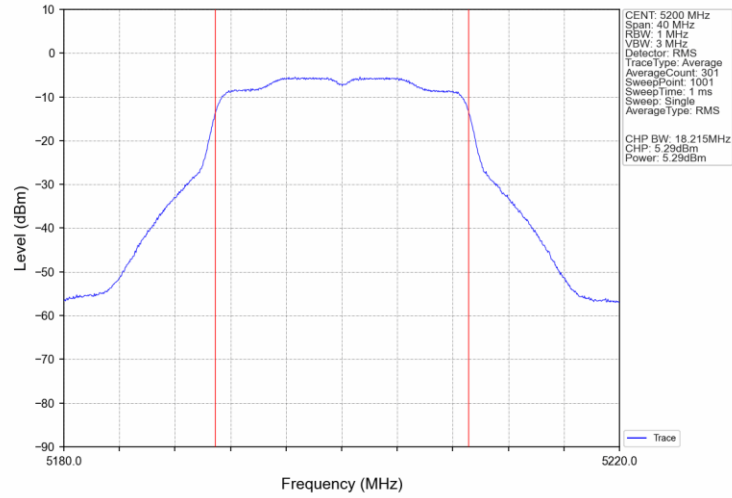
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



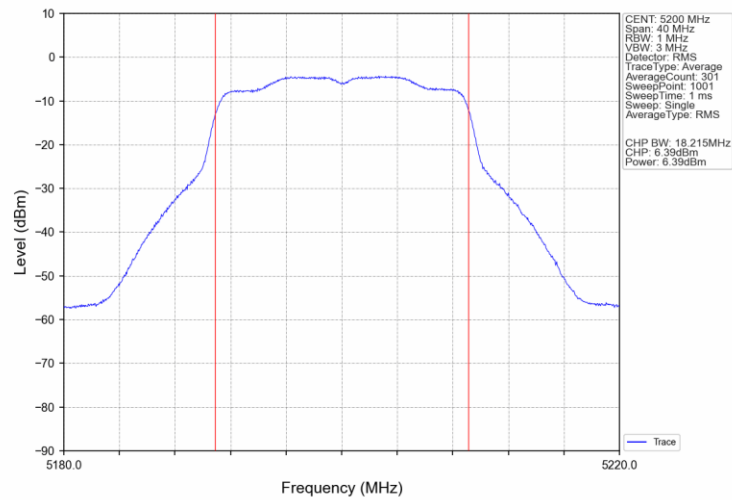
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

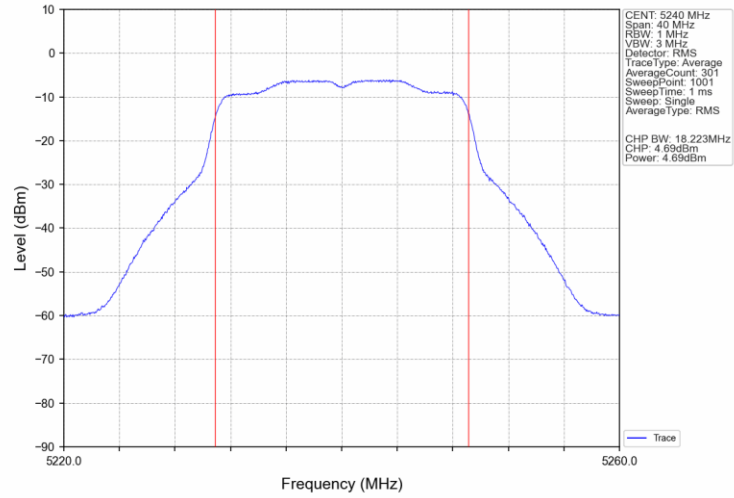


802.11n(HT20)_MCH_5200MHz_Ant2_NTNV

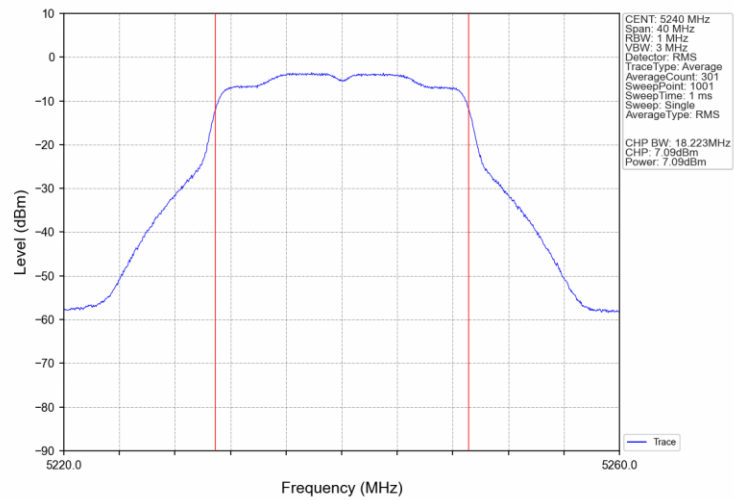




802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

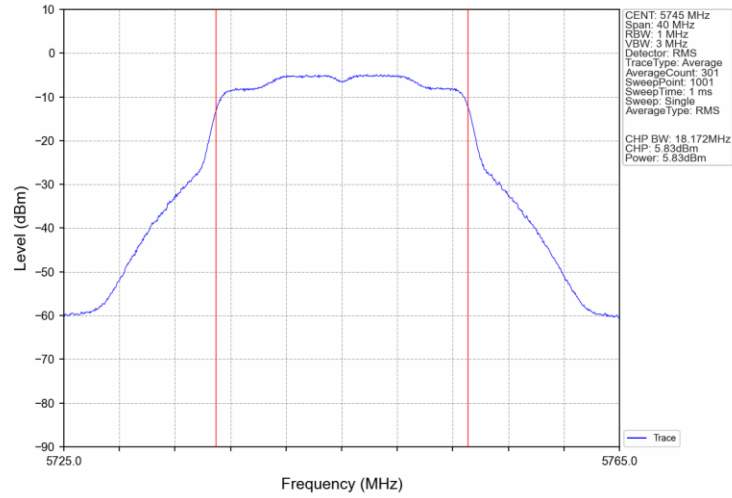


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

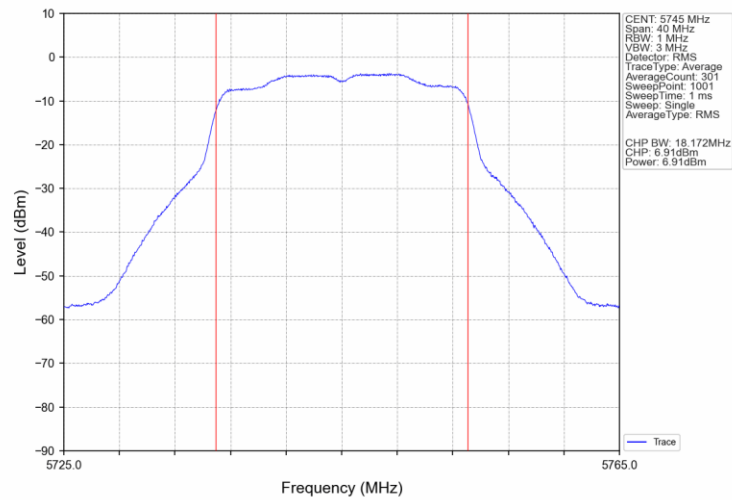




802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

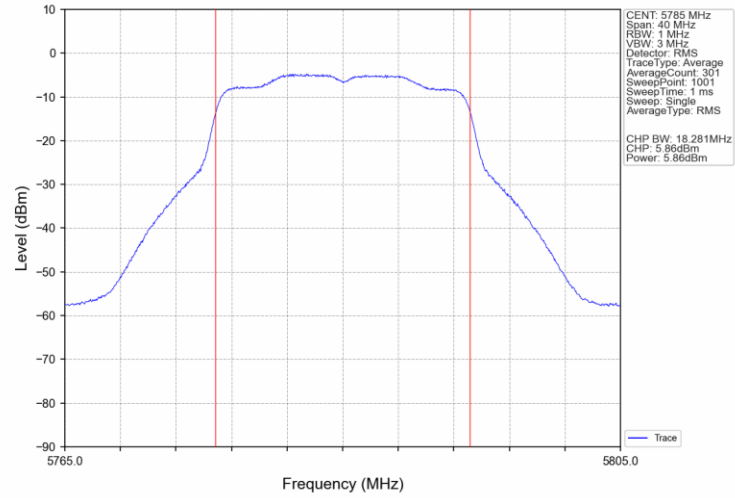


802.11n(HT20)_LCH_5745MHz_Ant2_NTNV

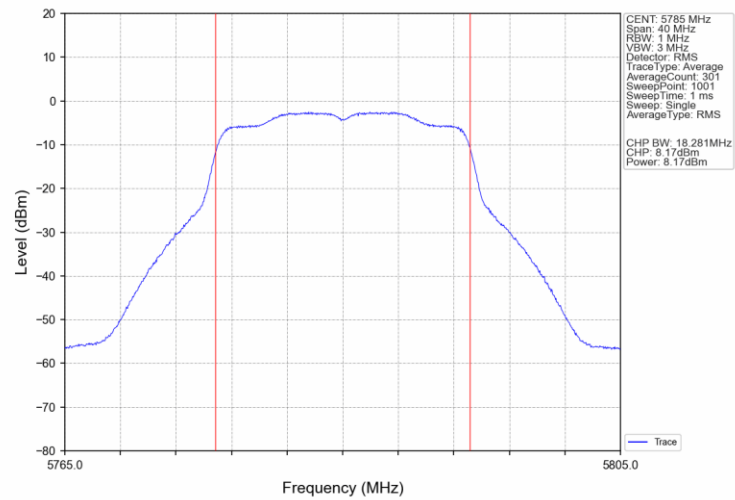




802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

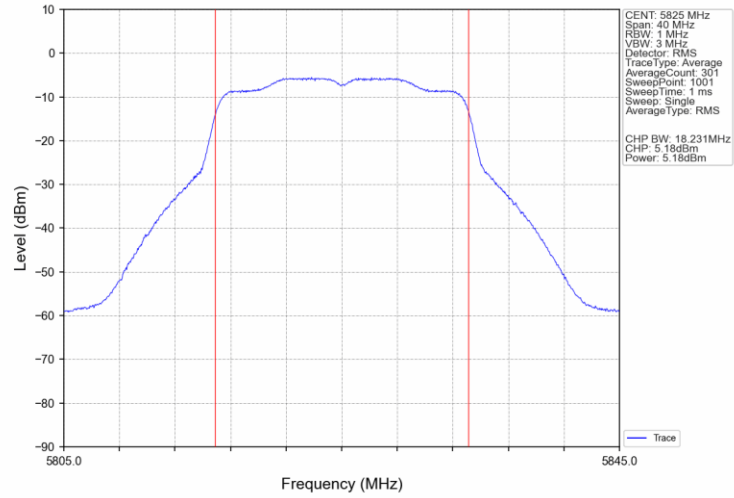


802.11n(HT20)_MCH_5785MHz_Ant2_NTNV

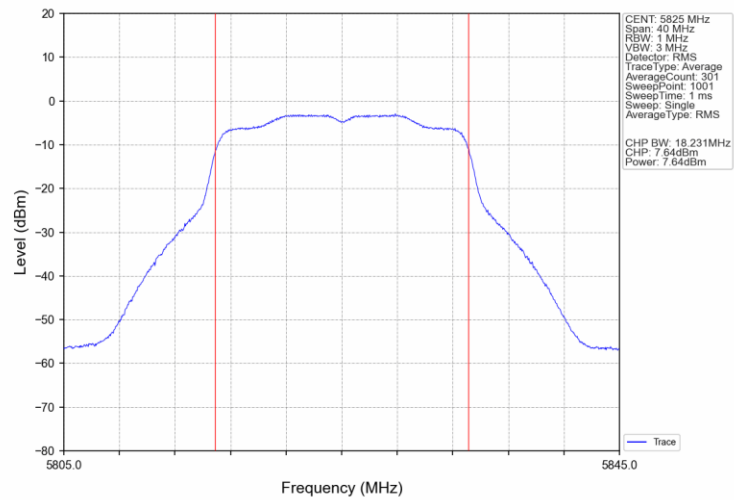


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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



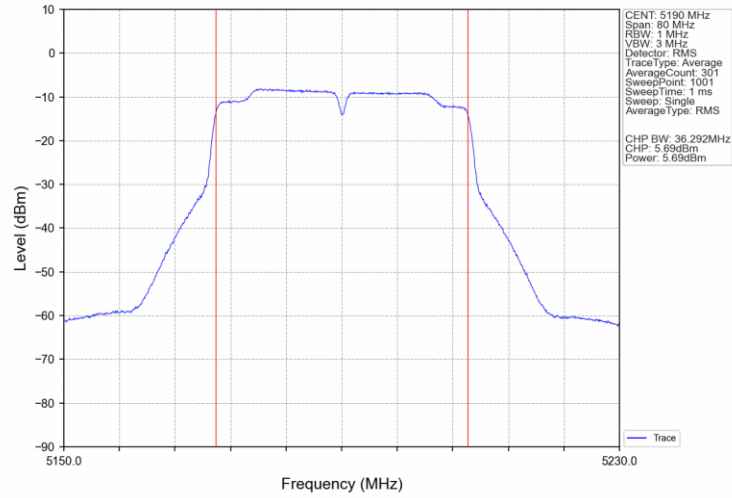
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



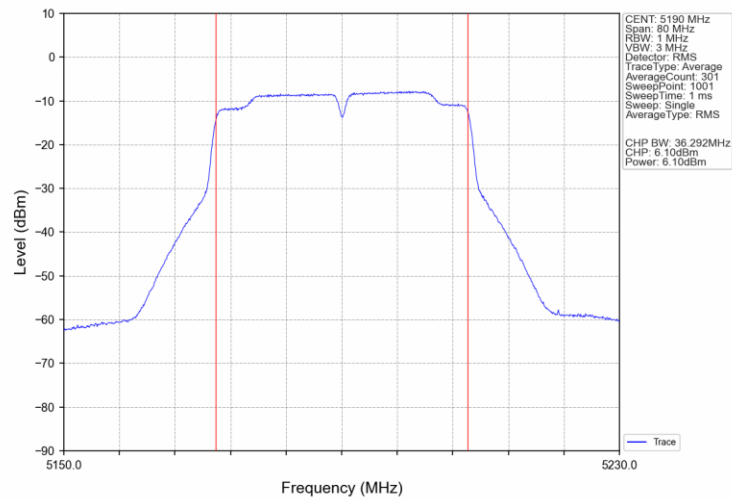


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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

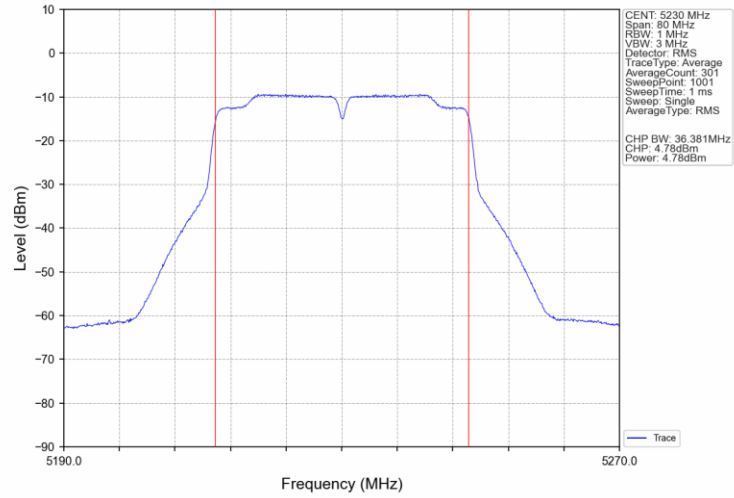


802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

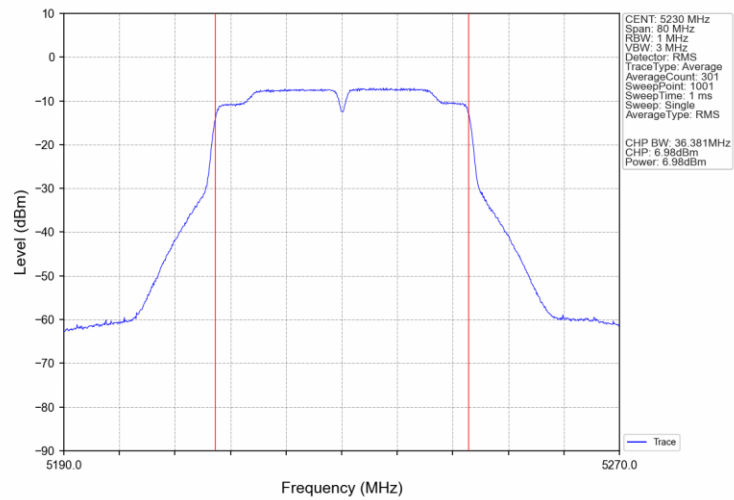




802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

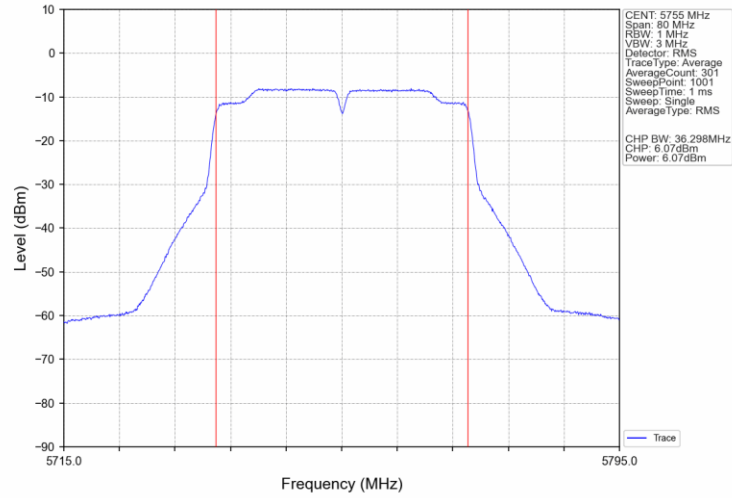


802.11n(HT40)_HCH_5230MHz_Ant2_NTNV

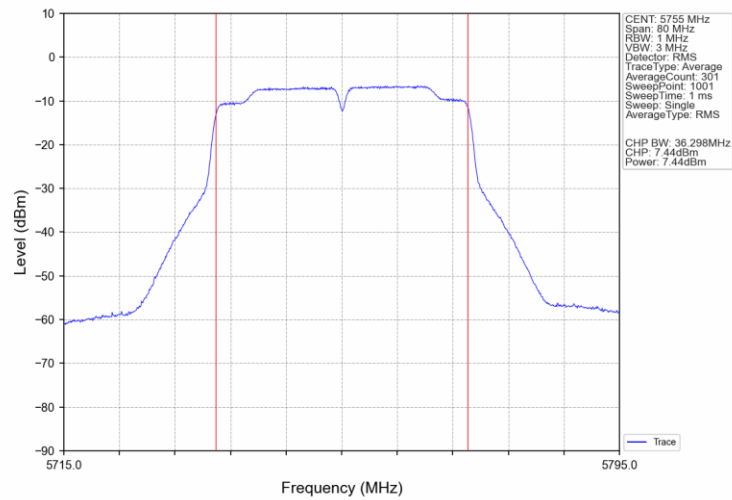




802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



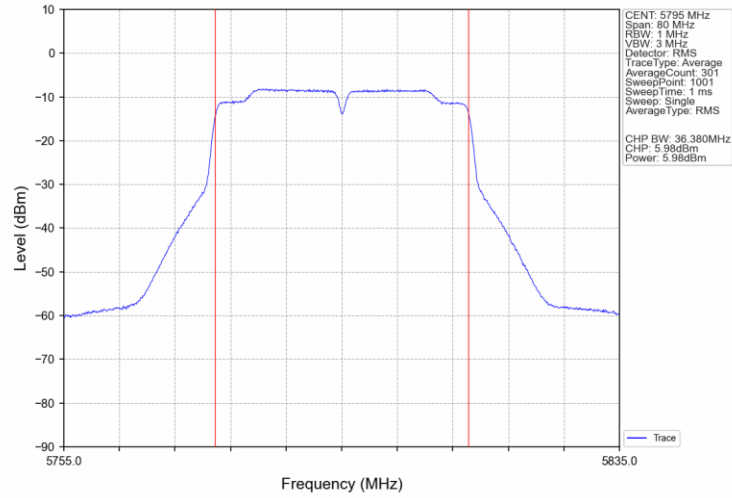
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



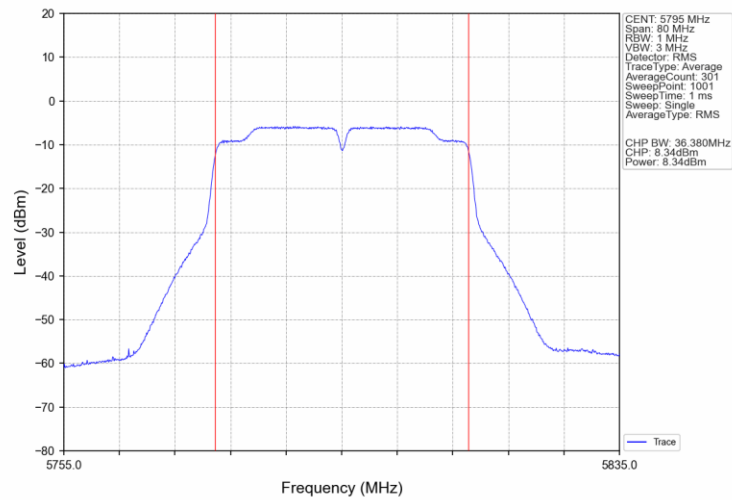


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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



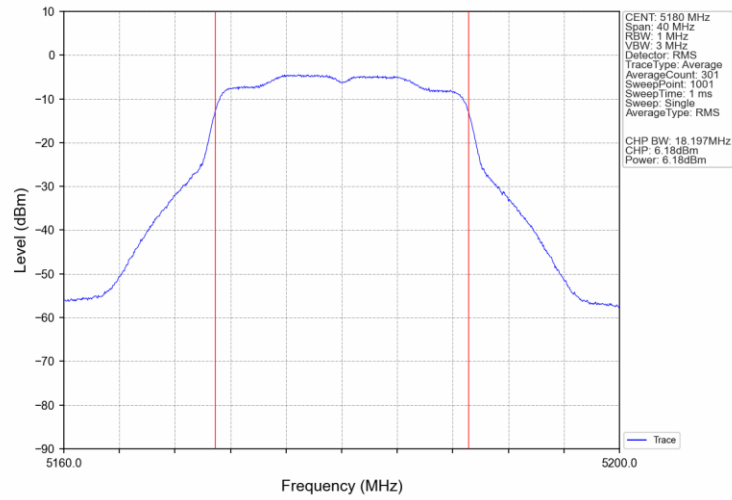
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



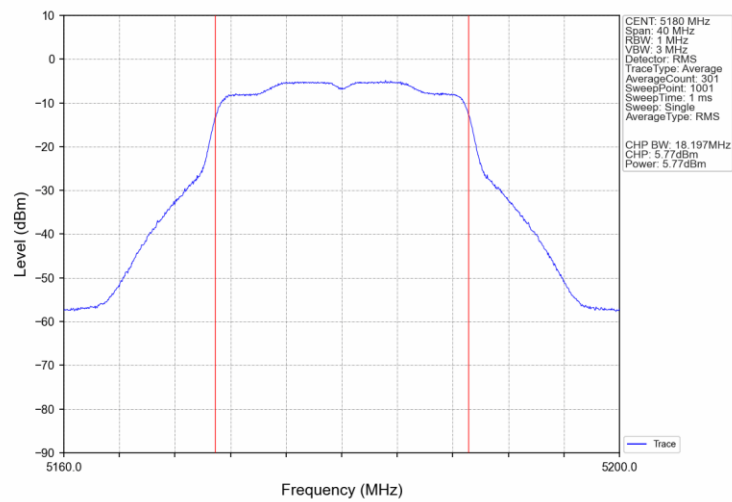


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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

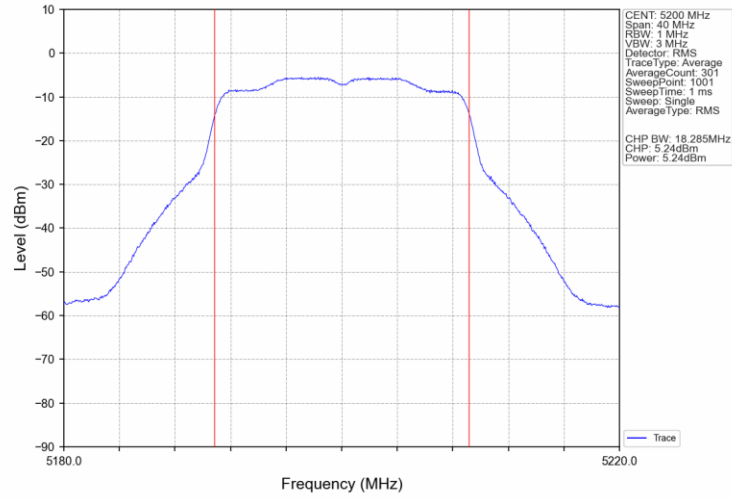


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

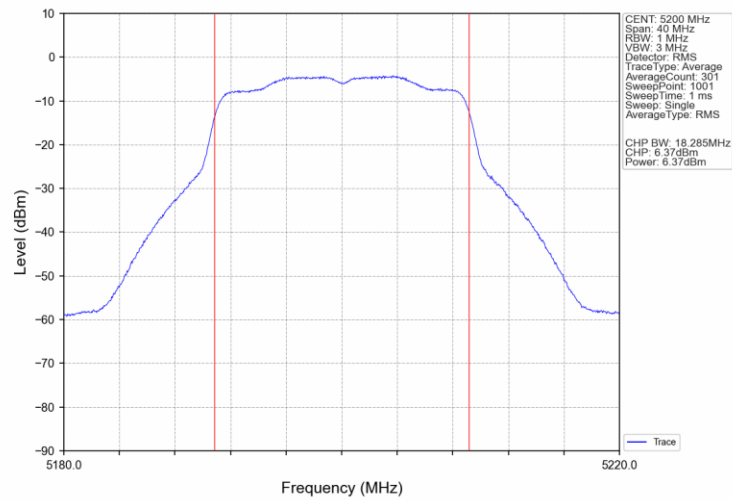




802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

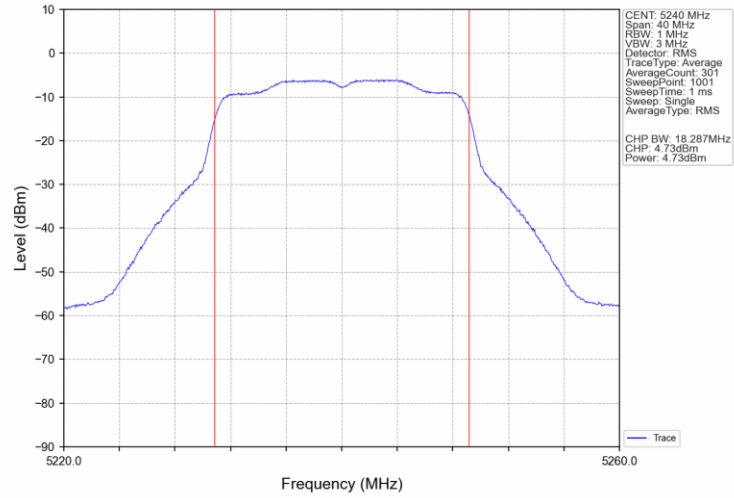


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

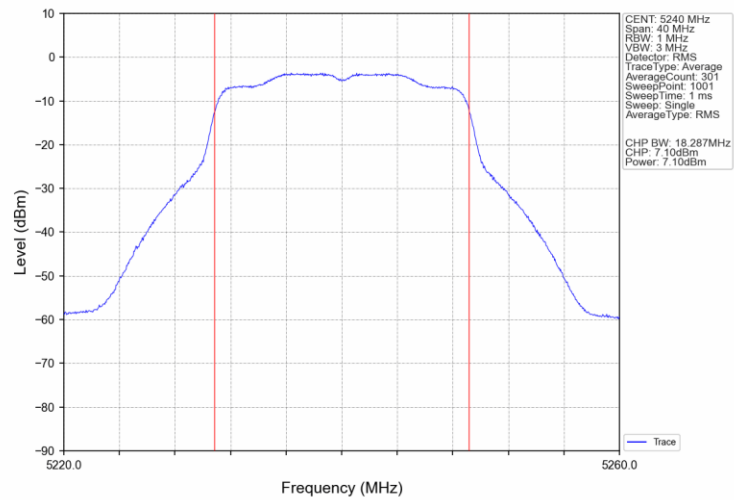




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



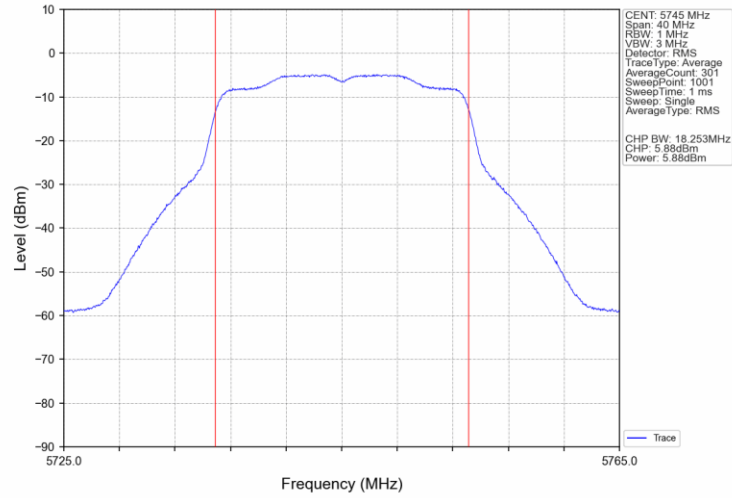
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



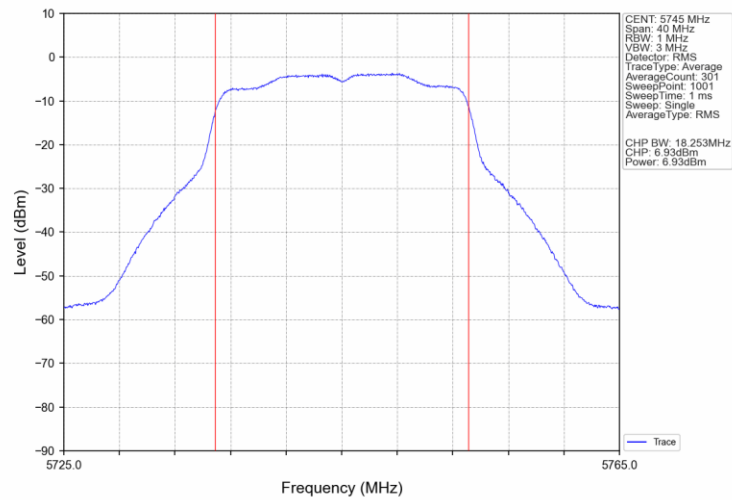


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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



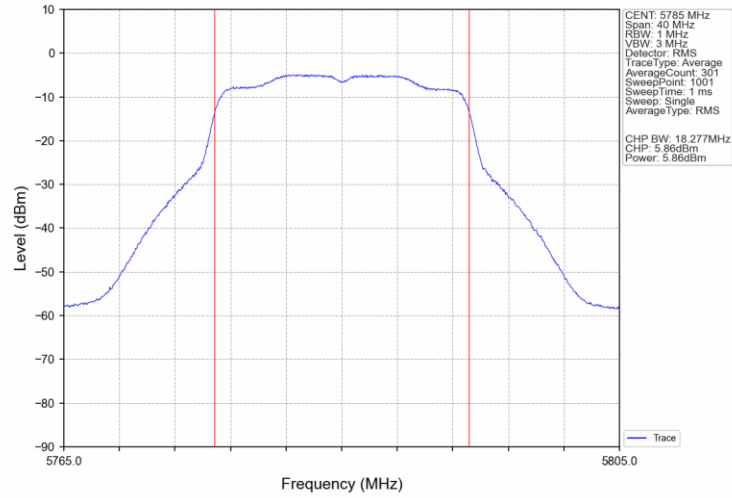
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



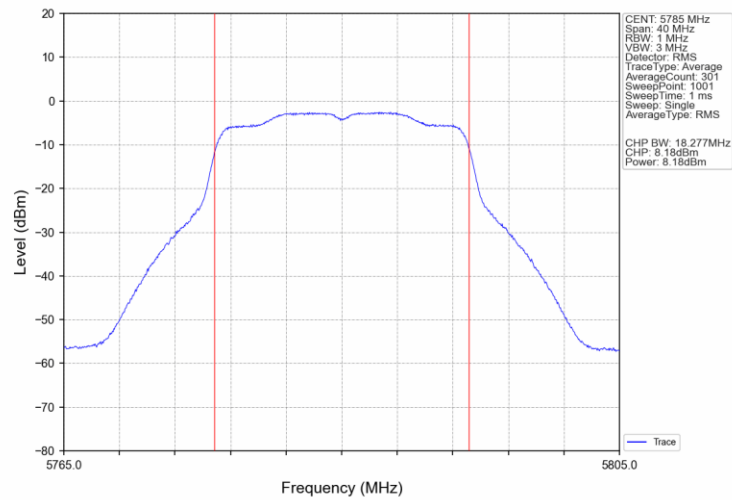


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802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



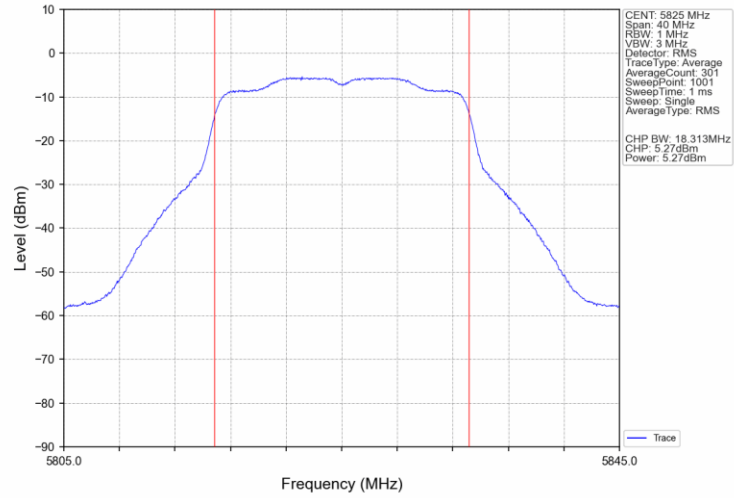
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



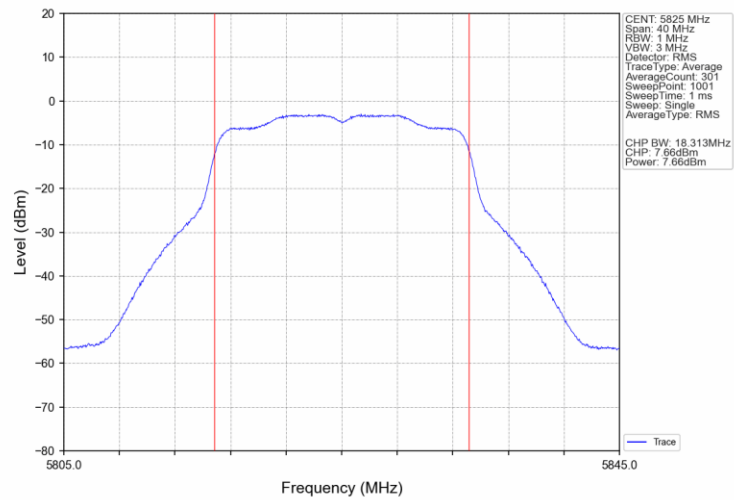


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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



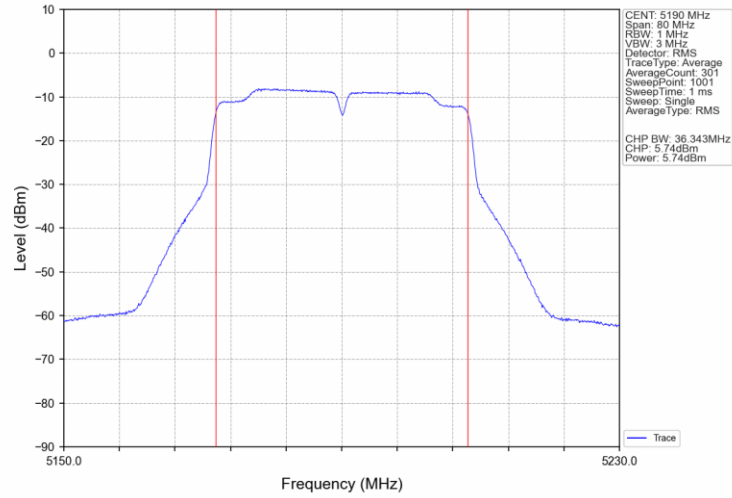
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



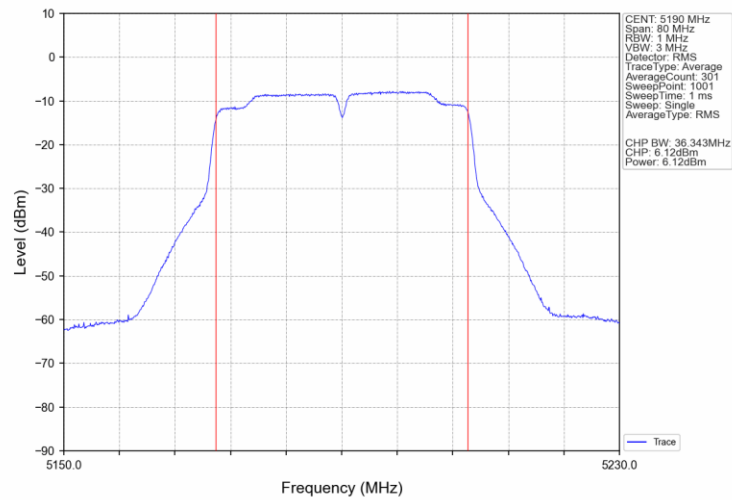


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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



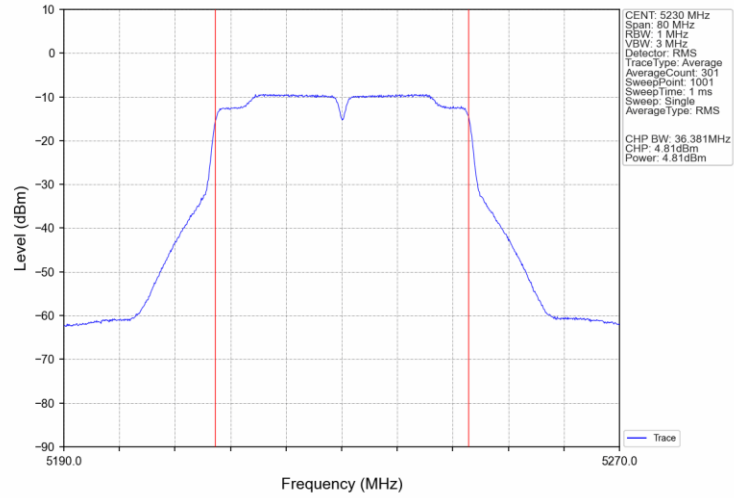
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



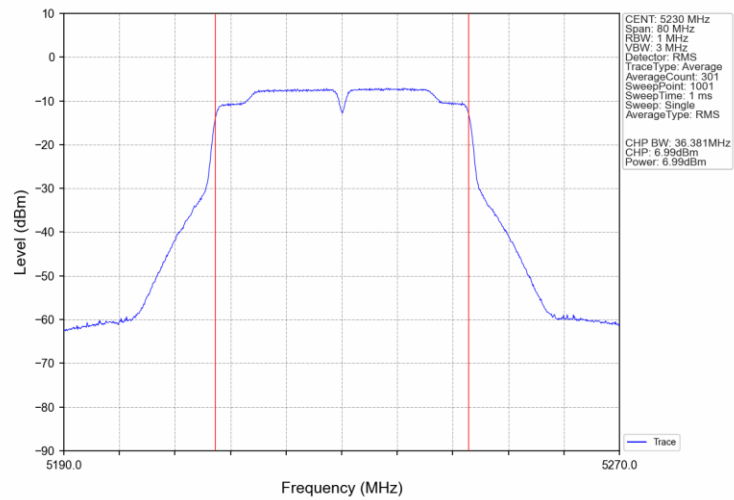


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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

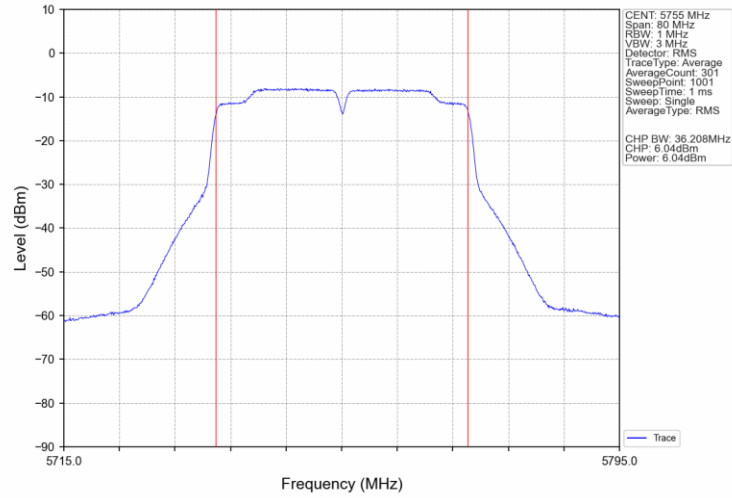


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

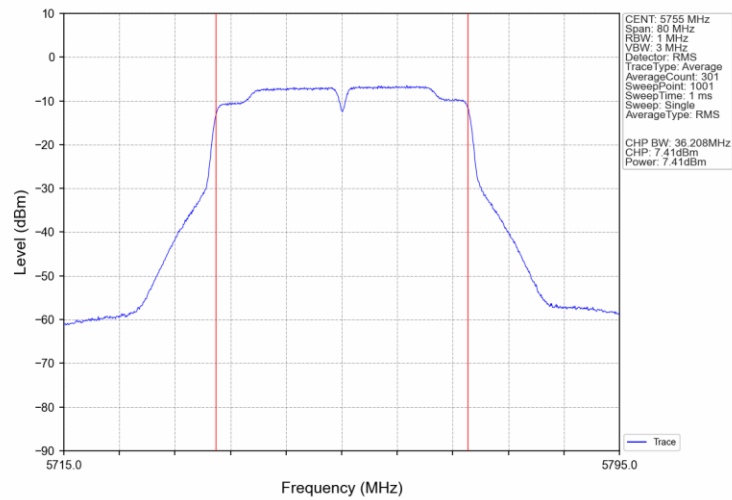




802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

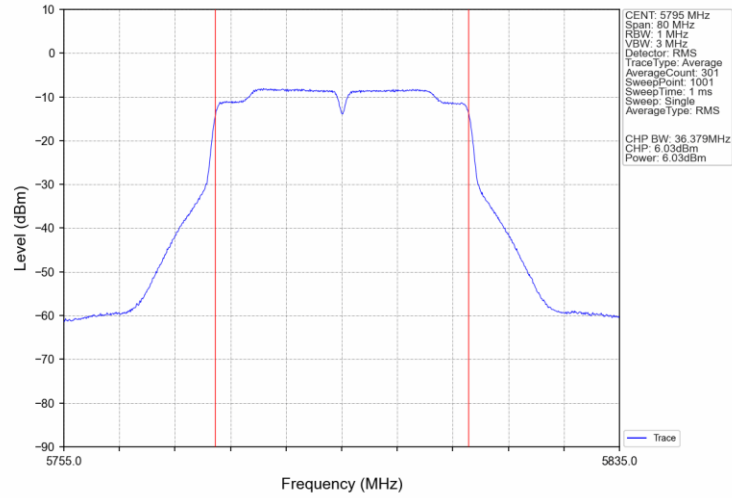


802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV

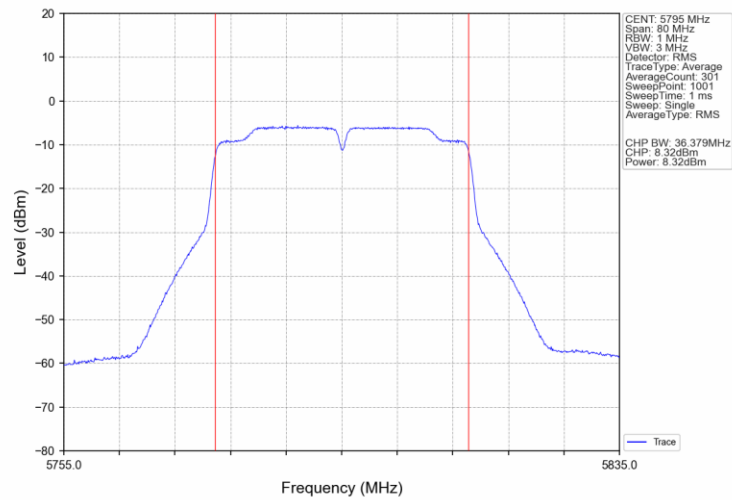




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



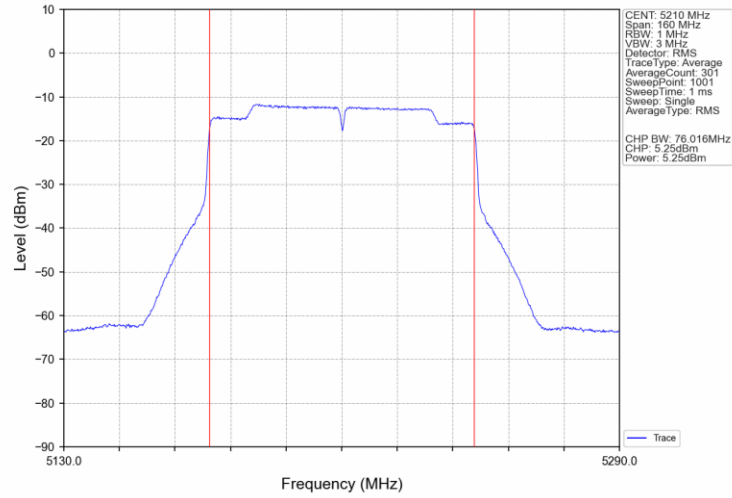
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



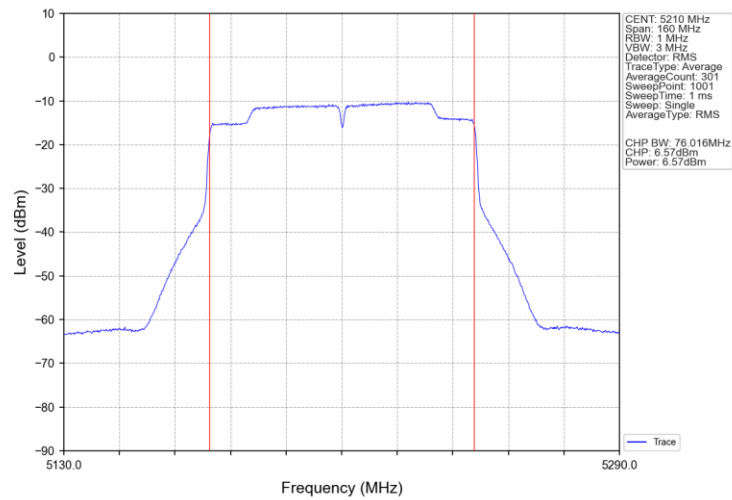


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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



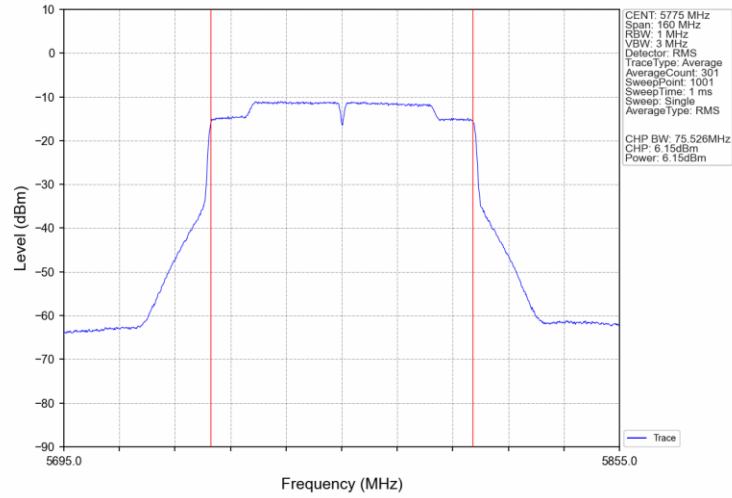
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



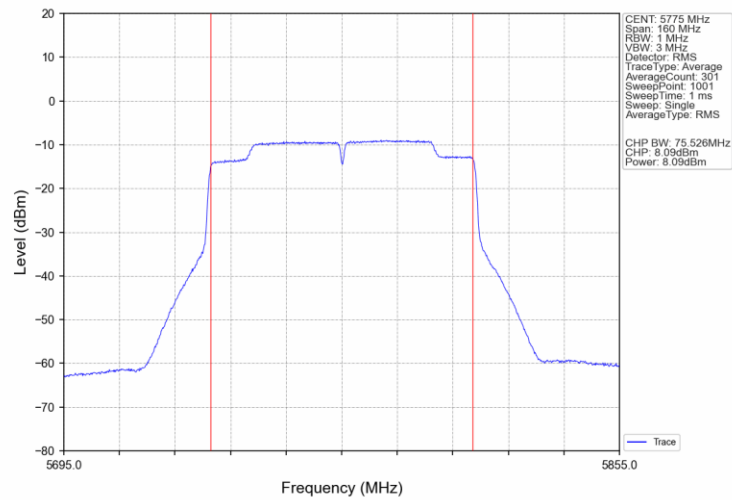


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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	-4.02	-4.56	/	<=11	Pass
		5200	-5.12	-4.00	/	<=11	Pass
		5240	-5.67	-3.35	/	<=11	Pass
802.11n (HT20)	MIMO	5180	-4.43	-4.93	-1.75	<=10.78	Pass
		5200	-5.32	-4.09	-1.83	<=10.78	Pass
		5240	-5.95	-3.48	-1.73	<=10.78	Pass
802.11n (HT40)	MIMO	5190	-7.99	-7.74	-5.35	<=10.78	Pass
		5230	-9.34	-7.04	-5.16	<=10.78	Pass
802.11ac (VHT20)	MIMO	5180	-4.47	-5.05	-1.82	<=10.78	Pass
		5200	-5.53	-4.41	-1.96	<=10.78	Pass
		5240	-5.98	-3.50	-1.70	<=10.78	Pass
802.11ac (VHT40)	MIMO	5190	-8.02	-7.69	-5.31	<=10.78	Pass
		5230	-9.30	-6.97	-5.06	<=10.78	Pass
802.11ac (VHT80)	MIMO	5210	-11.73	-10.24	-8.34	<=10.78	Pass

Note1: Antenna Gain:
Ant1: 3.11dBi;
Ant2: 3.21dBi;
Note2: Directional Gain: 6.17dBi

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	-7.42	-6.15	/	<=30	Pass
		5785	-7.44	-5.03	/	<=30	Pass
		5825	-8.15	-5.52	/	<=30	Pass
802.11n (HT20)	MIMO	5745	-7.84	-6.73	-4.29	<=29.78	Pass
		5785	-7.78	-5.48	-3.52	<=29.78	Pass
		5825	-8.53	-5.91	-4.01	<=29.78	Pass
802.11n (HT40)	MIMO	5755	-11.12	-9.52	-7.32	<=29.78	Pass
		5795	-11.02	-8.78	-6.95	<=29.78	Pass
802.11ac (VHT20)	MIMO	5745	-7.75	-6.48	-4.23	<=29.78	Pass
		5785	-7.57	-5.40	-3.54	<=29.78	Pass
		5825	-8.31	-5.98	-4.11	<=29.78	Pass
802.11ac (VHT40)	MIMO	5755	-10.97	-9.55	-7.38	<=29.78	Pass
		5795	-10.98	-8.65	-6.75	<=29.78	Pass
802.11ac (VHT80)	MIMO	5775	-14.07	-12.06	-10.14	<=29.78	Pass

Note1: Antenna Gain:
Ant1: 3.11dBi;
Ant2: 3.21dBi;
Note2: Directional Gain: 6.17dBi

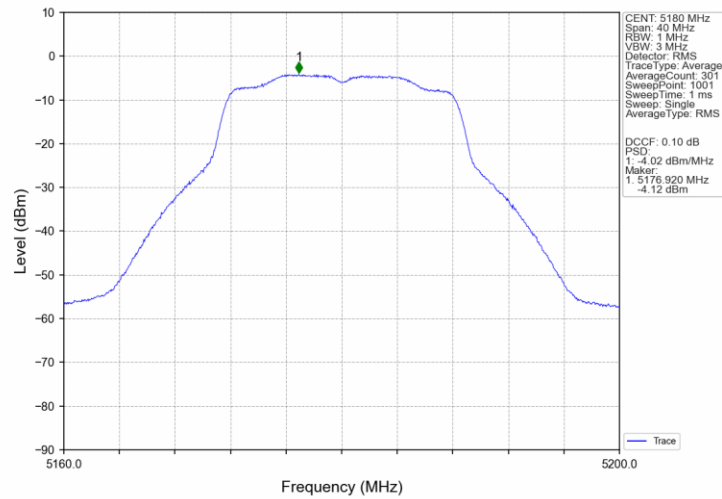


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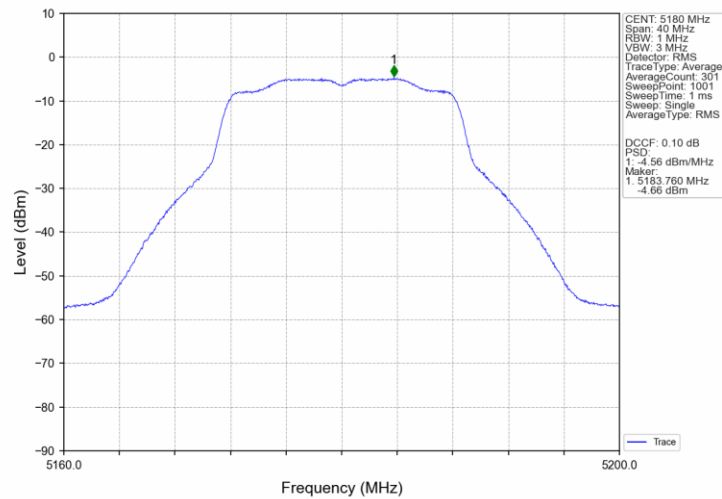
4.2 Test Graph

4.2.1 PSD

802.11a_LCH_5180MHz_Ant1_NTNV

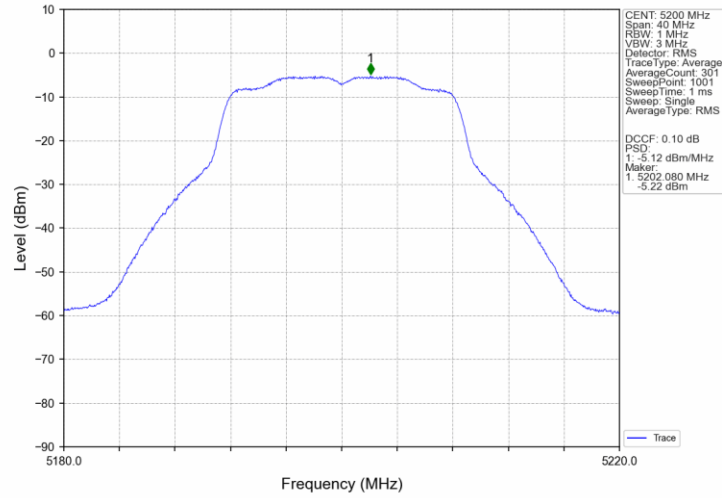


802.11a_LCH_5180MHz_Ant2_NTNV

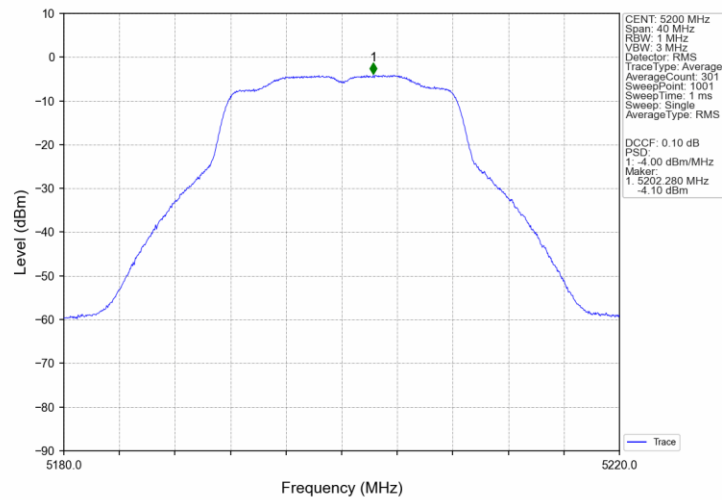




802.11a_MCH_5200MHz_Ant1_NTNV

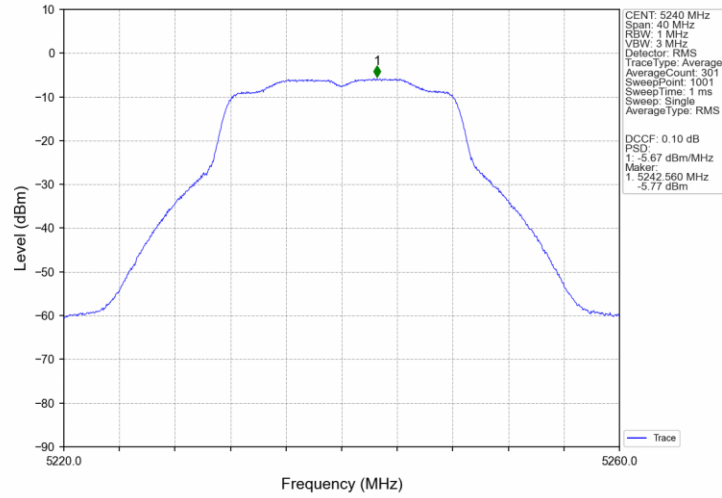


802.11a_MCH_5200MHz_Ant2_NTNV

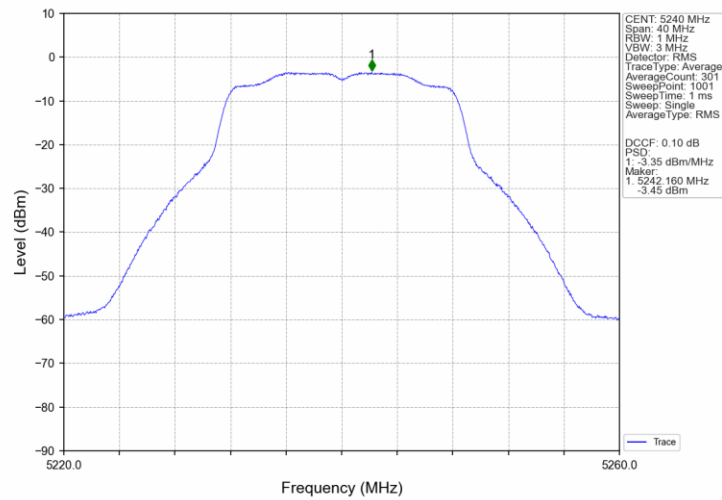




802.11a_HCH_5240MHz_Ant1_NTNV

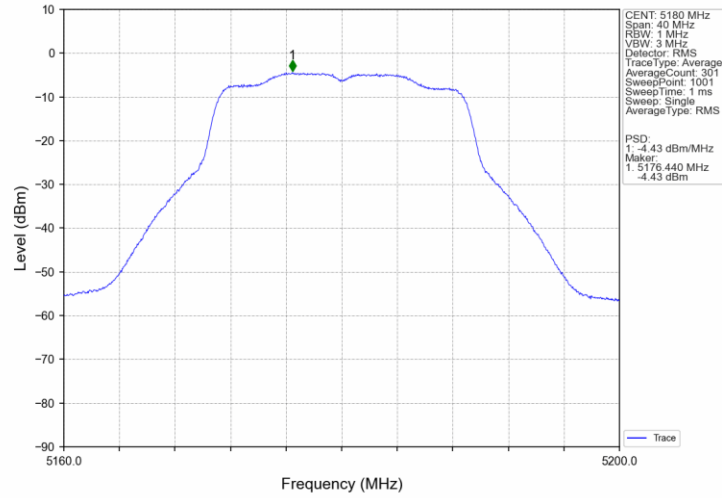


802.11a_HCH_5240MHz_Ant2_NTNV

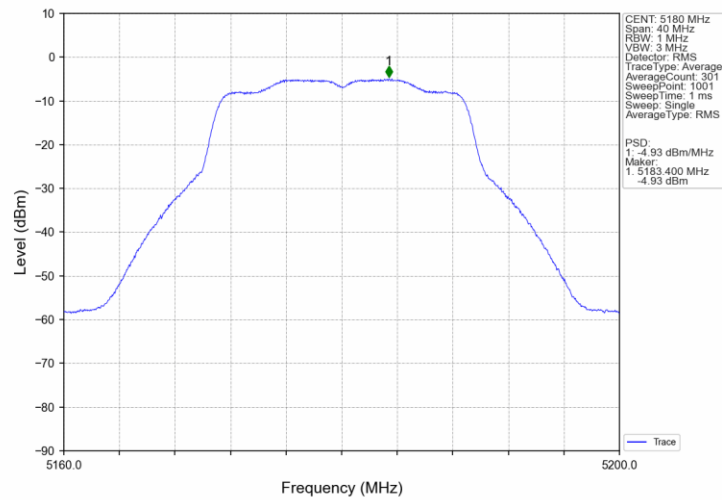




802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

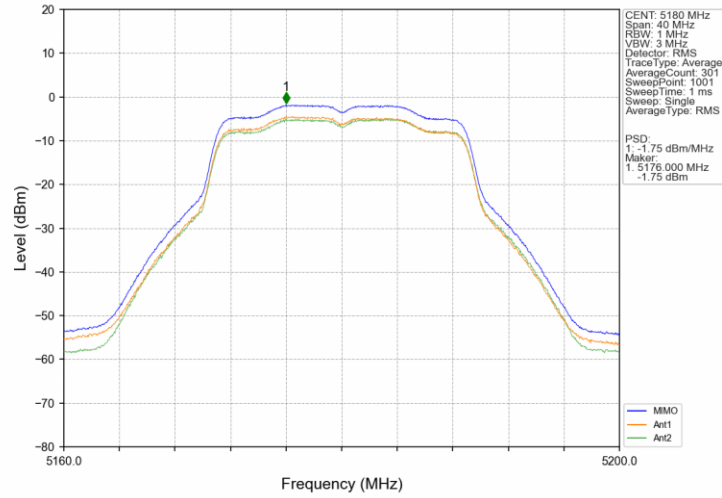


802.11n(HT20)_LCH_5180MHz_Ant2_NTNV





802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

