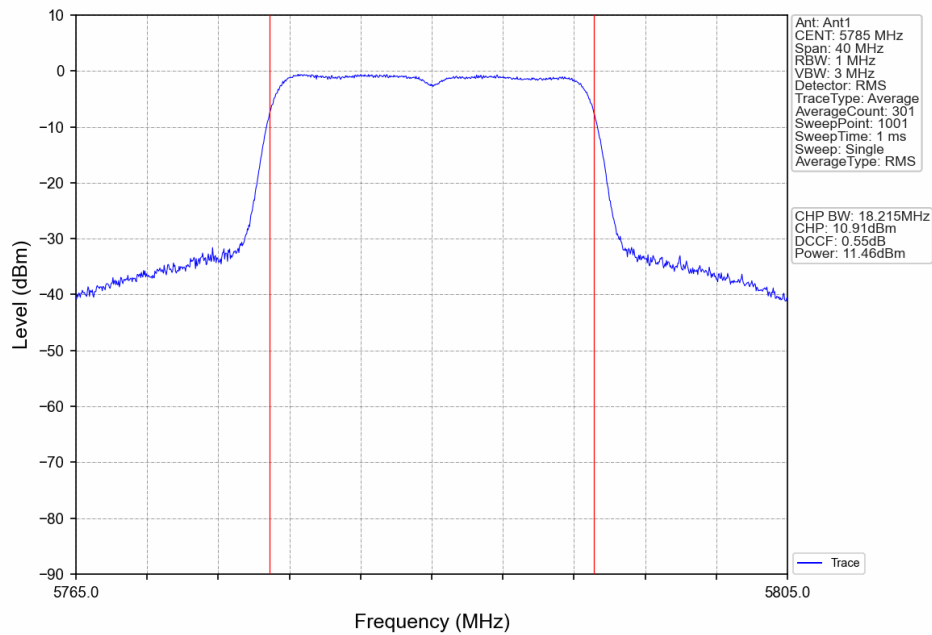
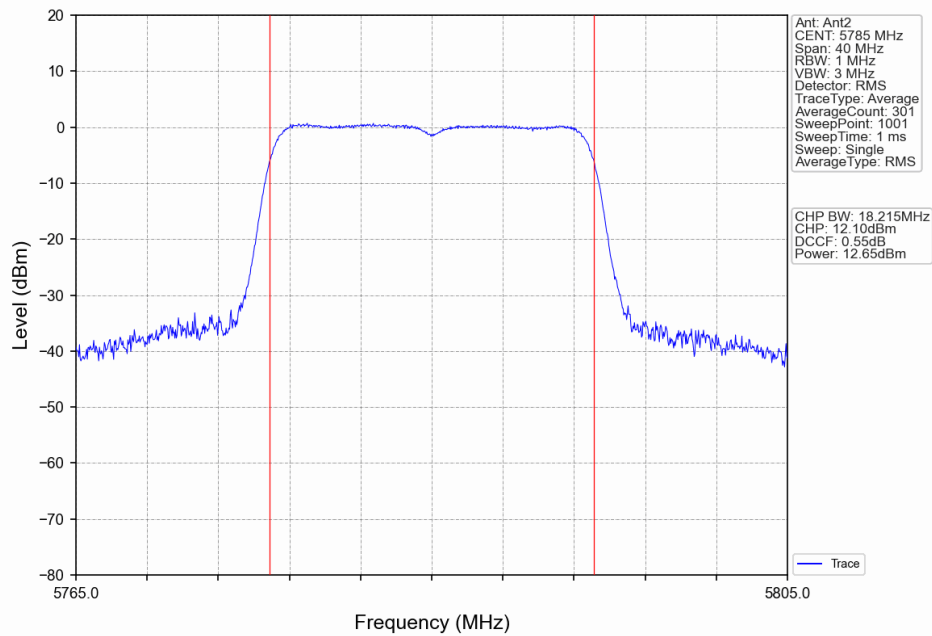




802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

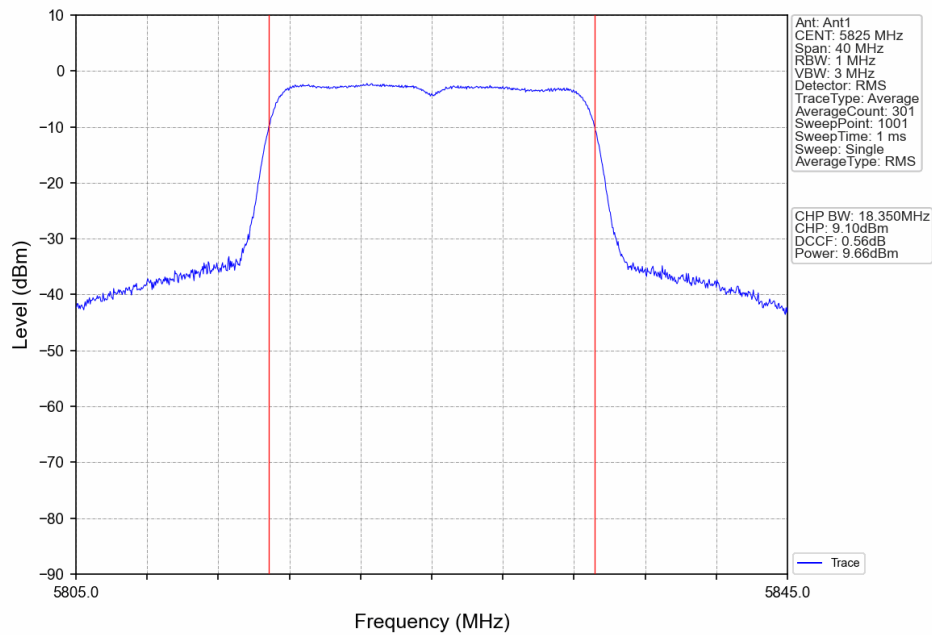


802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV

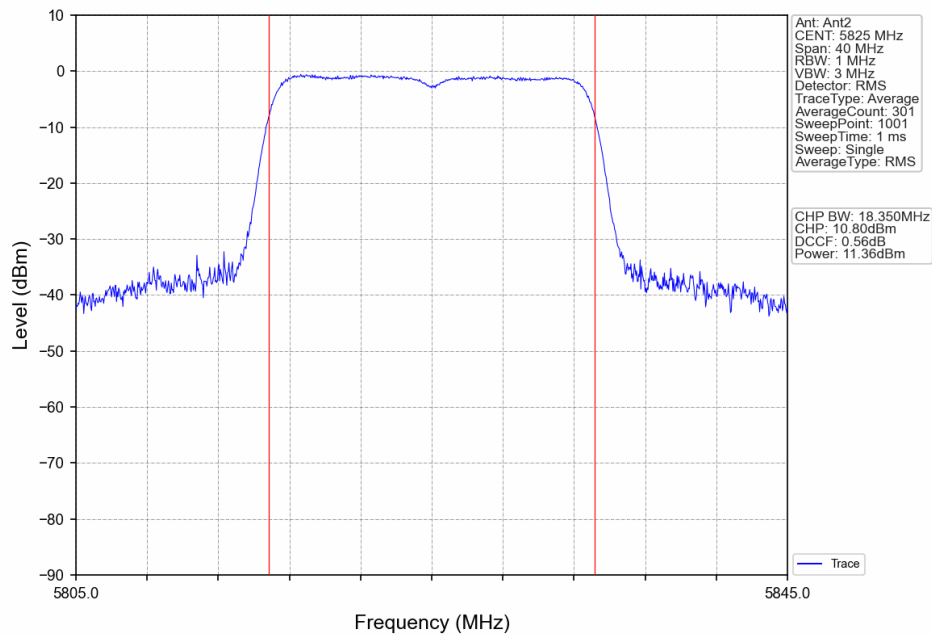




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

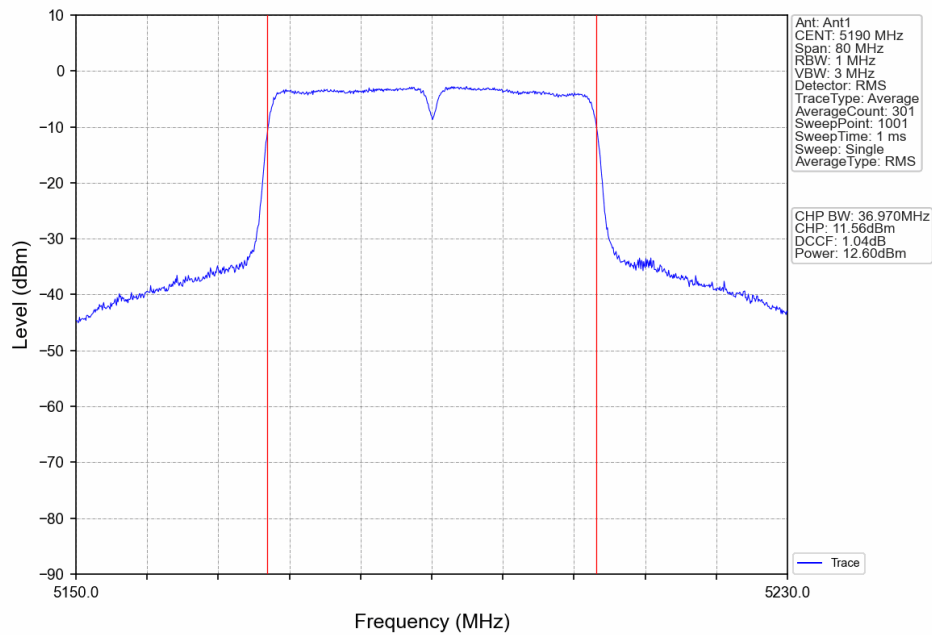


802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV

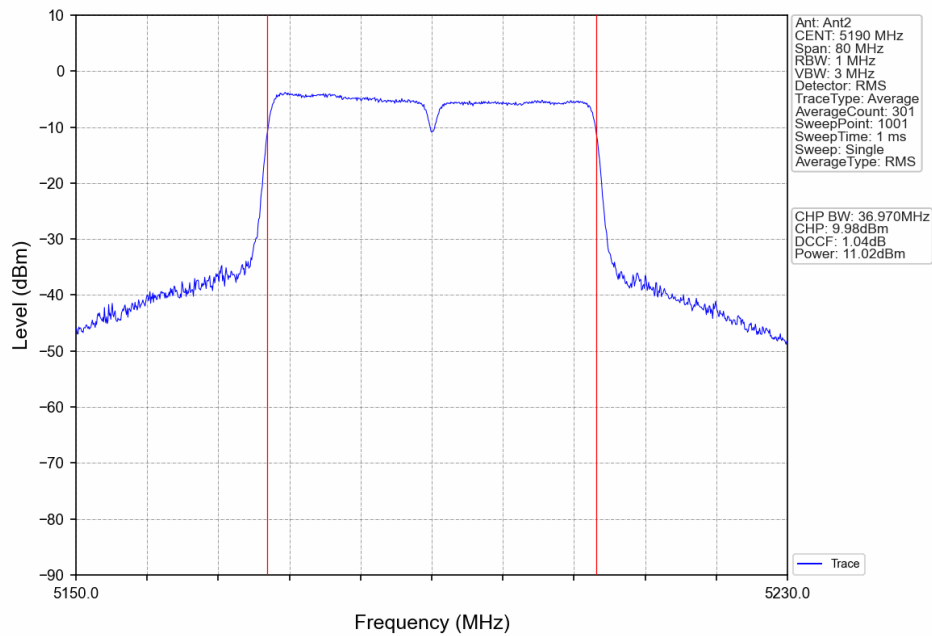




802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

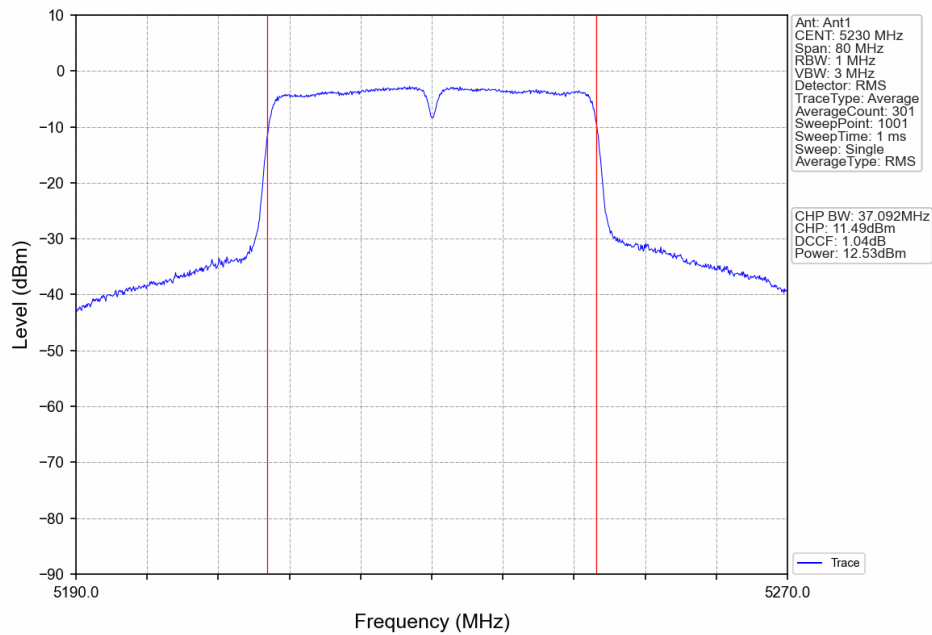


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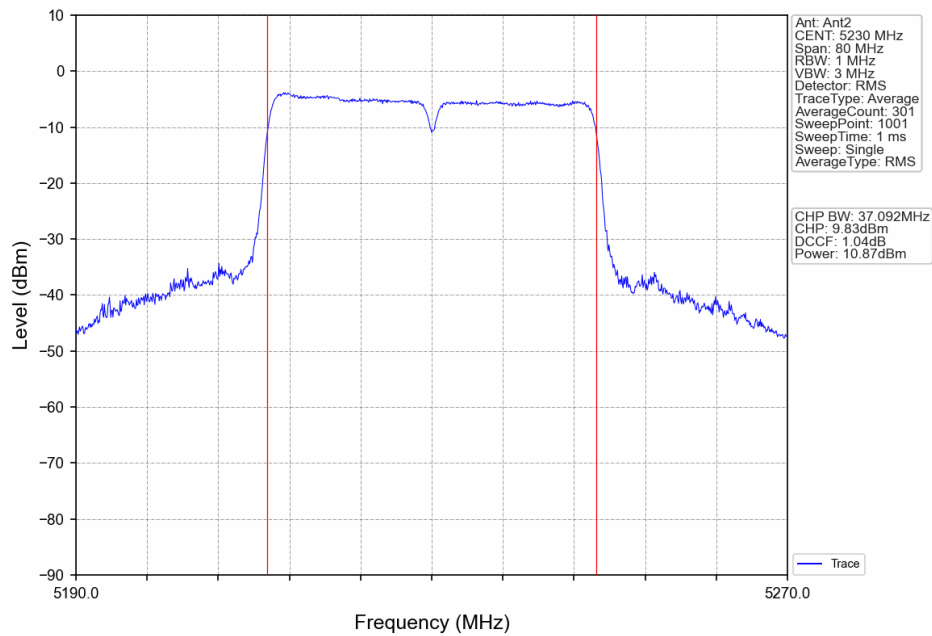




802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

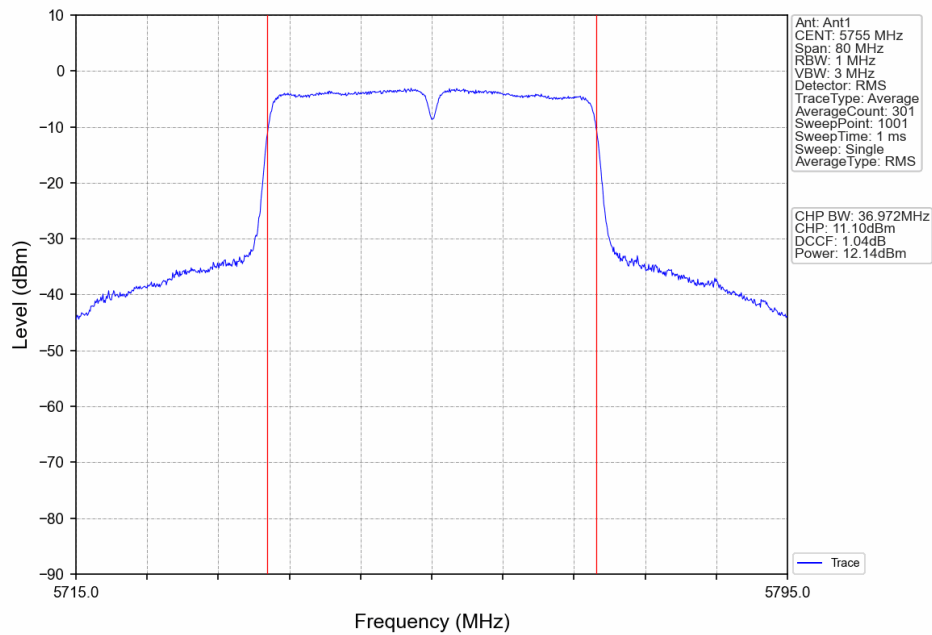


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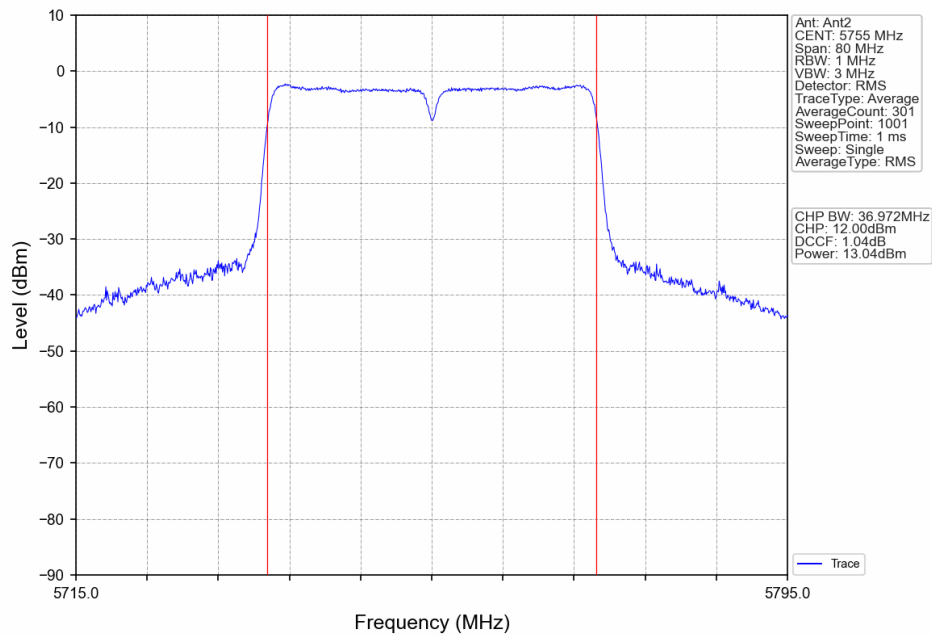




802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

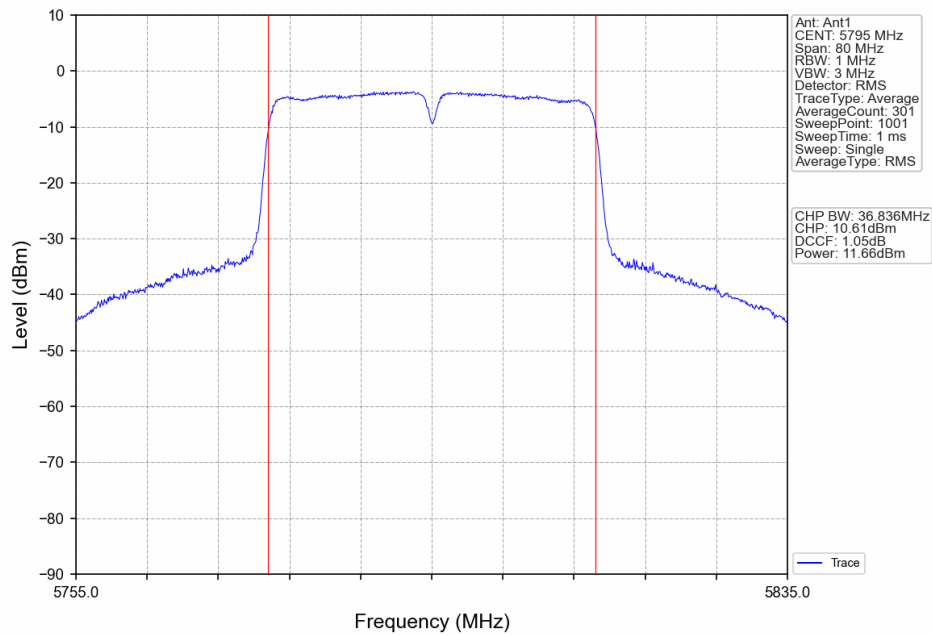


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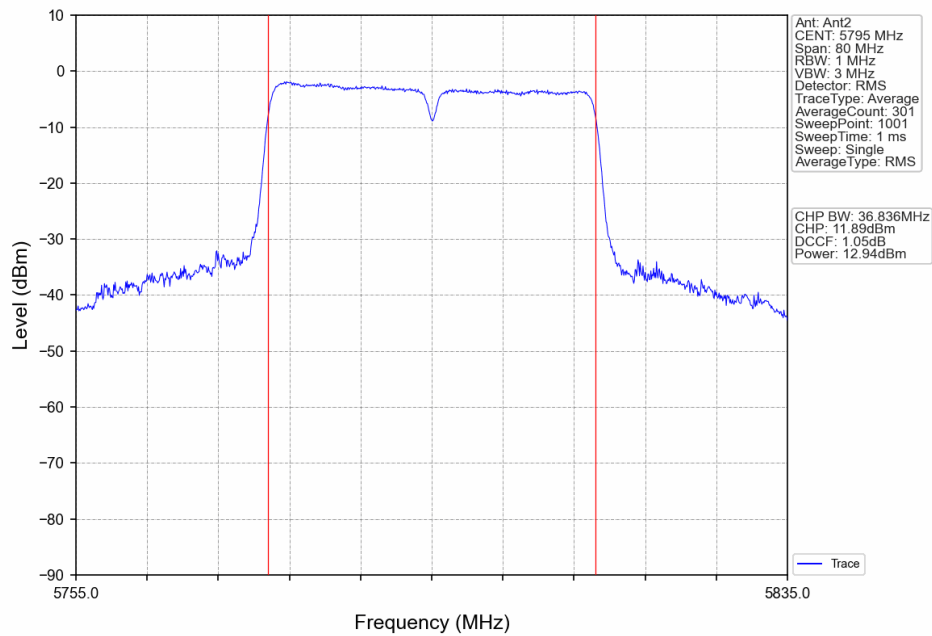




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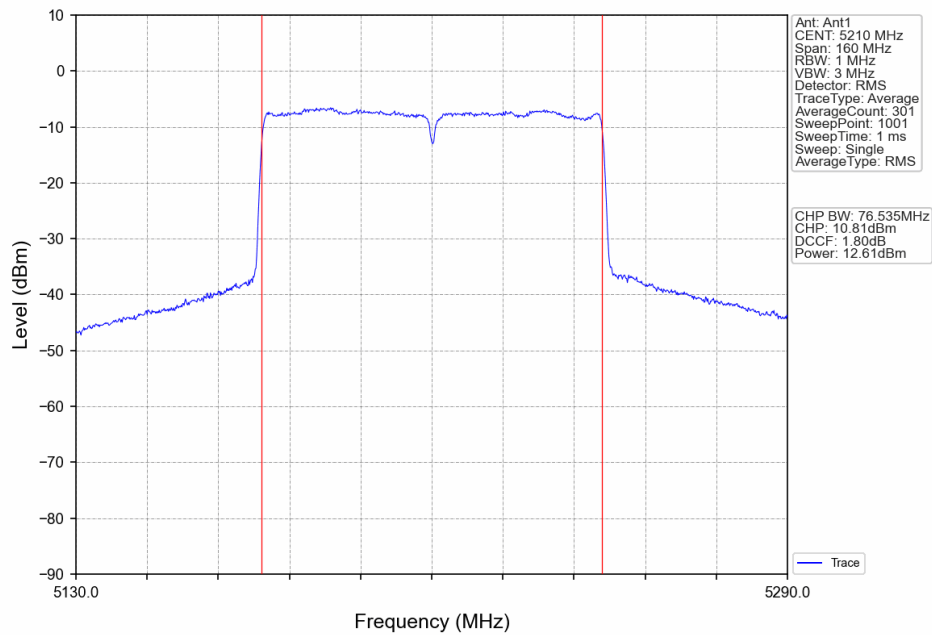


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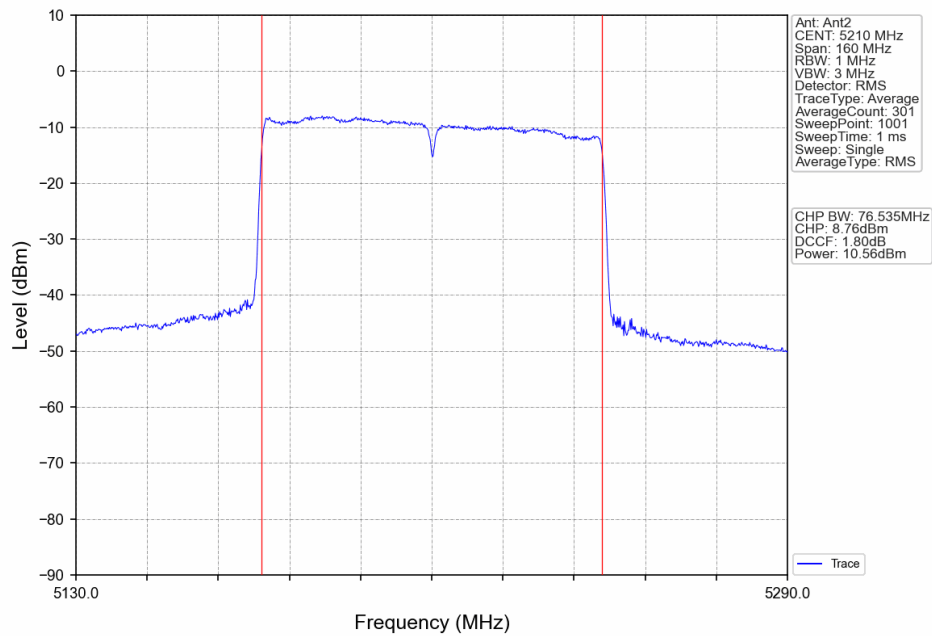




802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

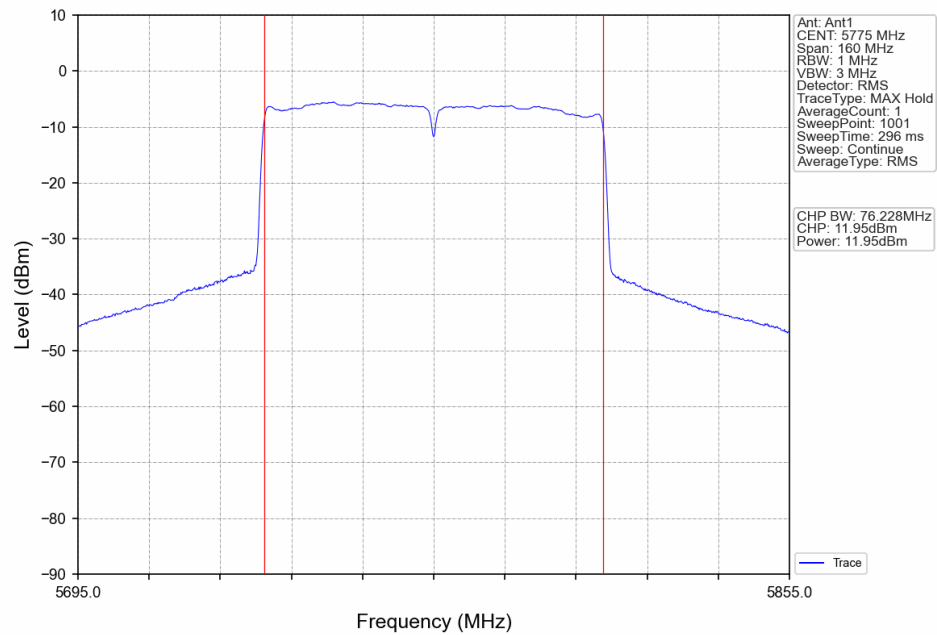


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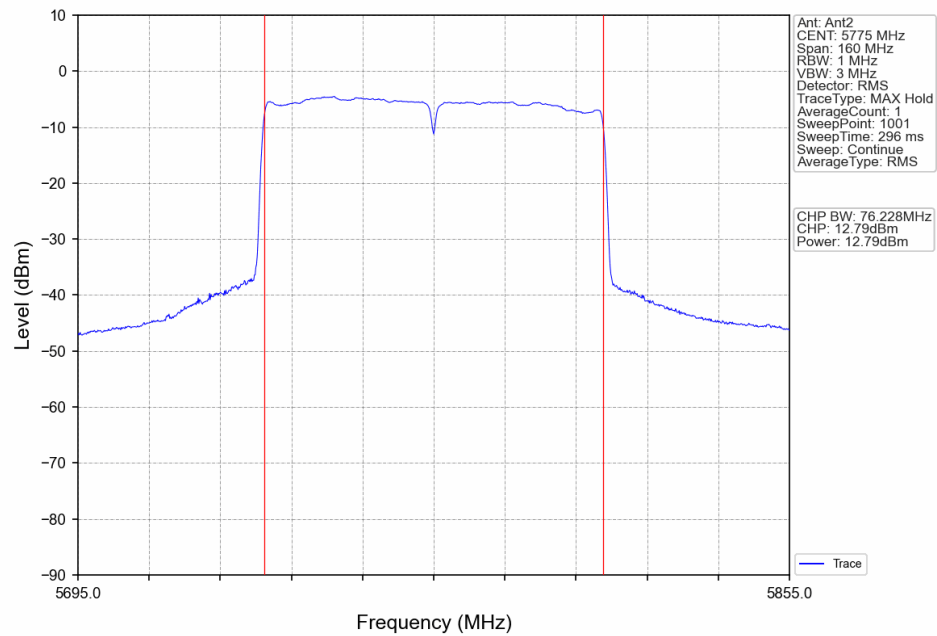




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

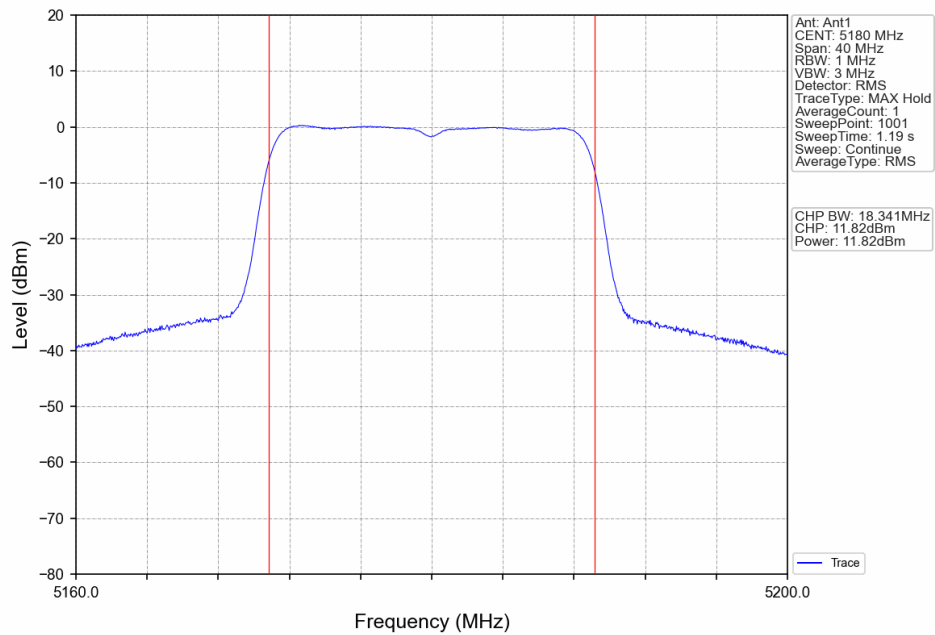


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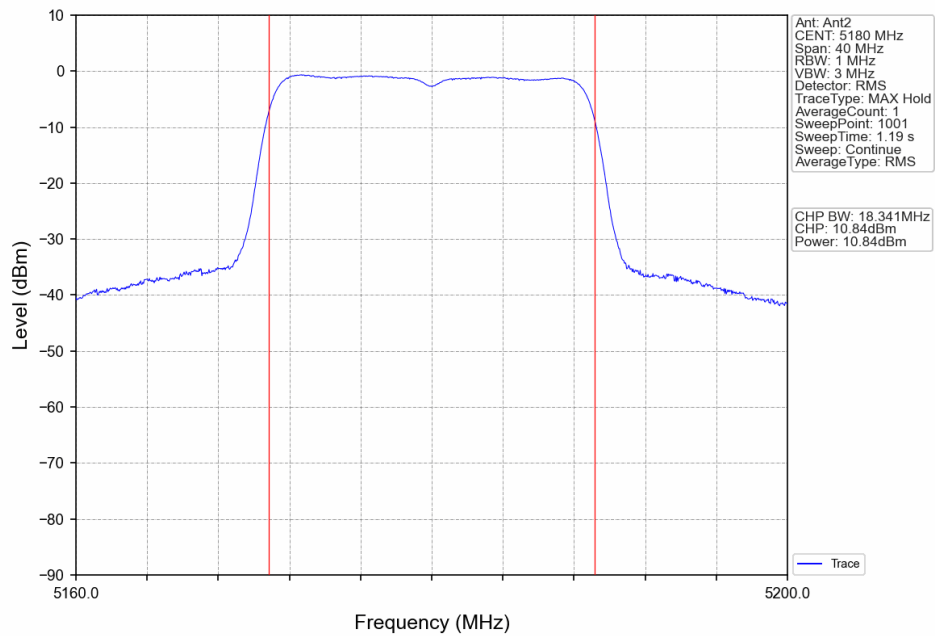




802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

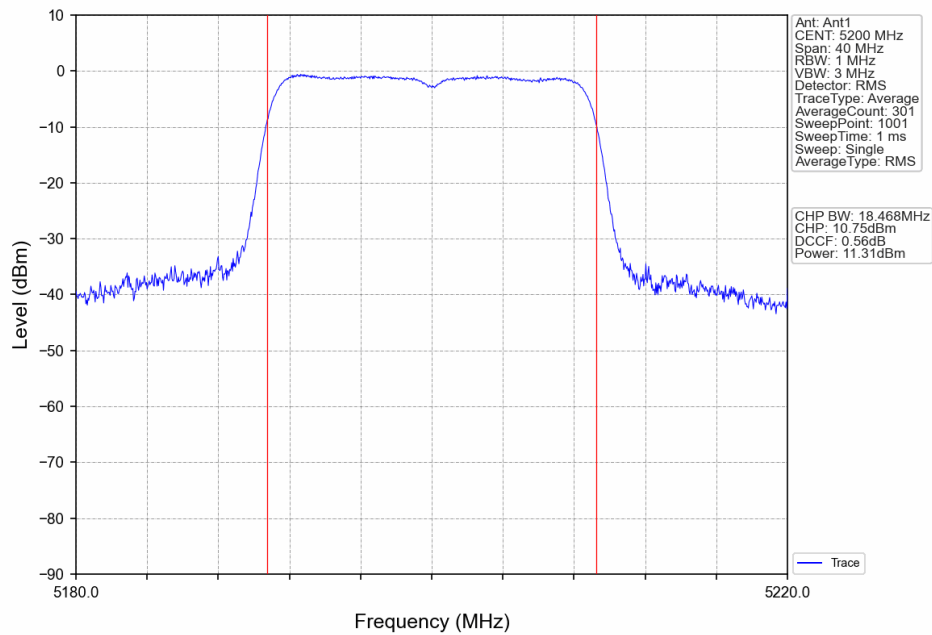


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

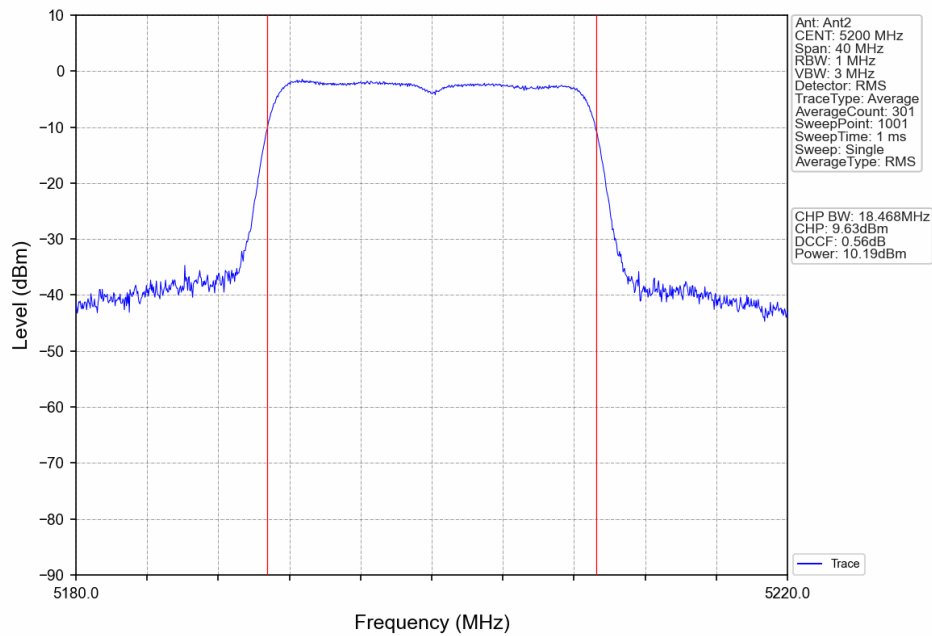




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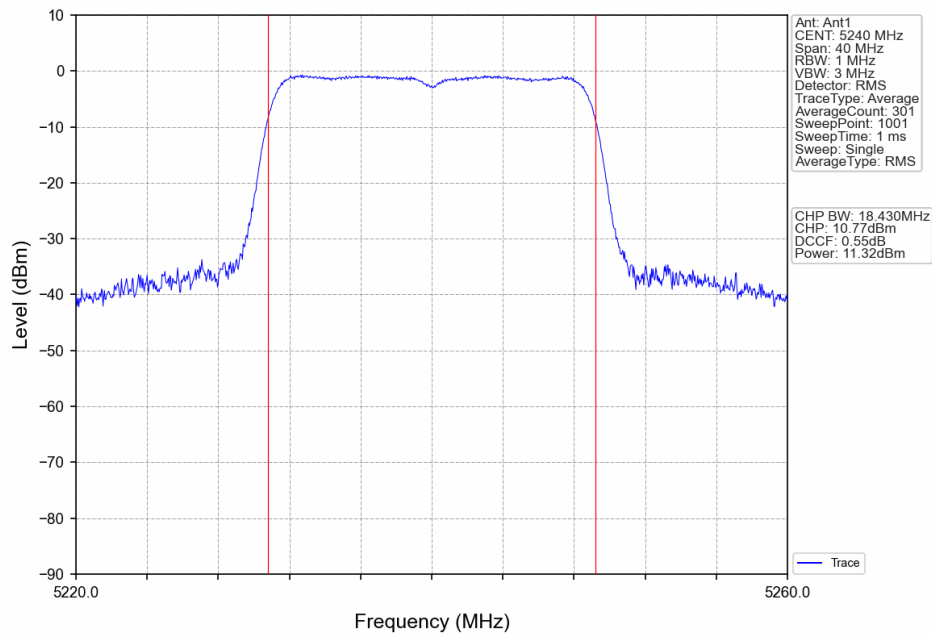


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

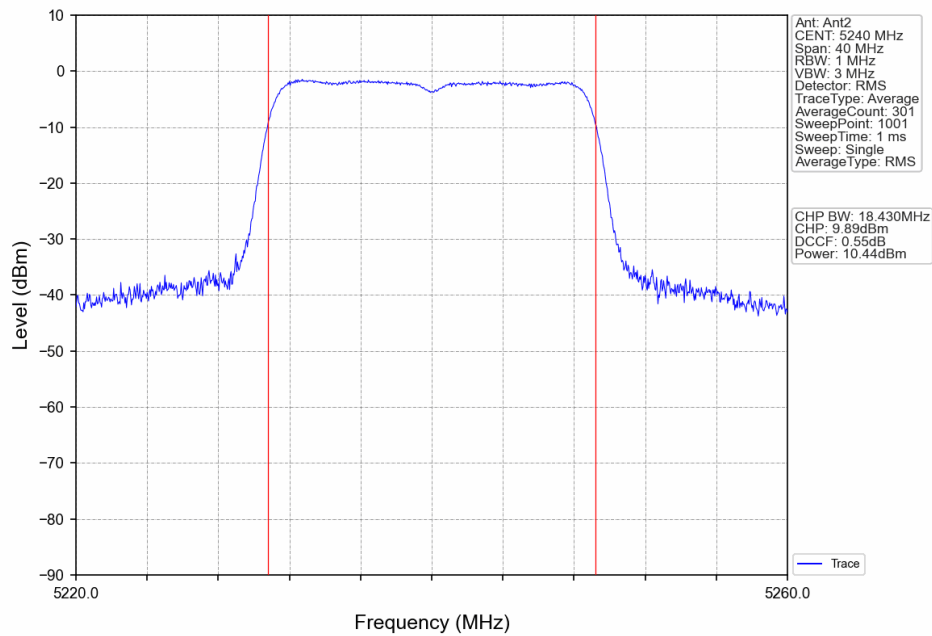




802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

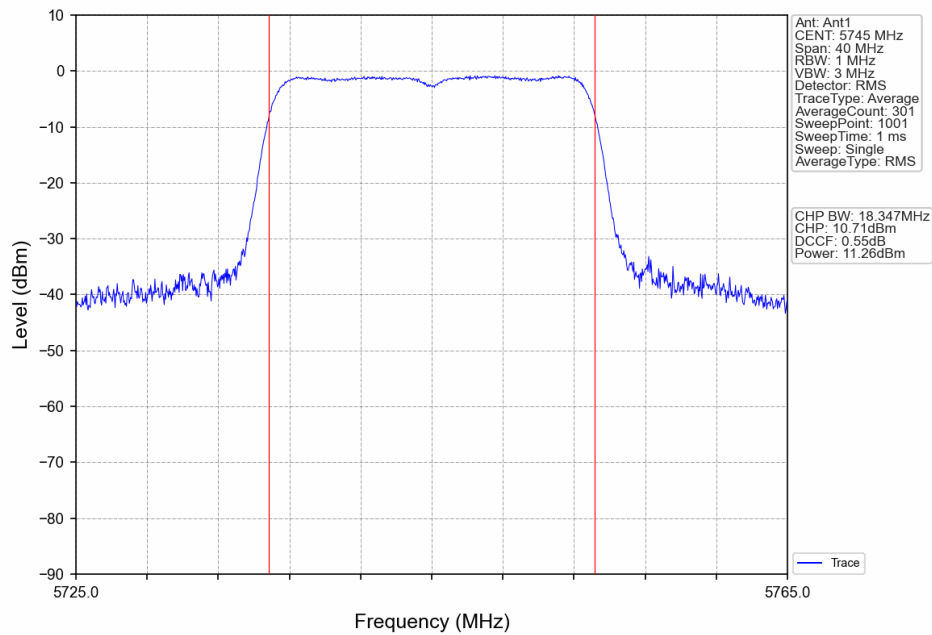


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

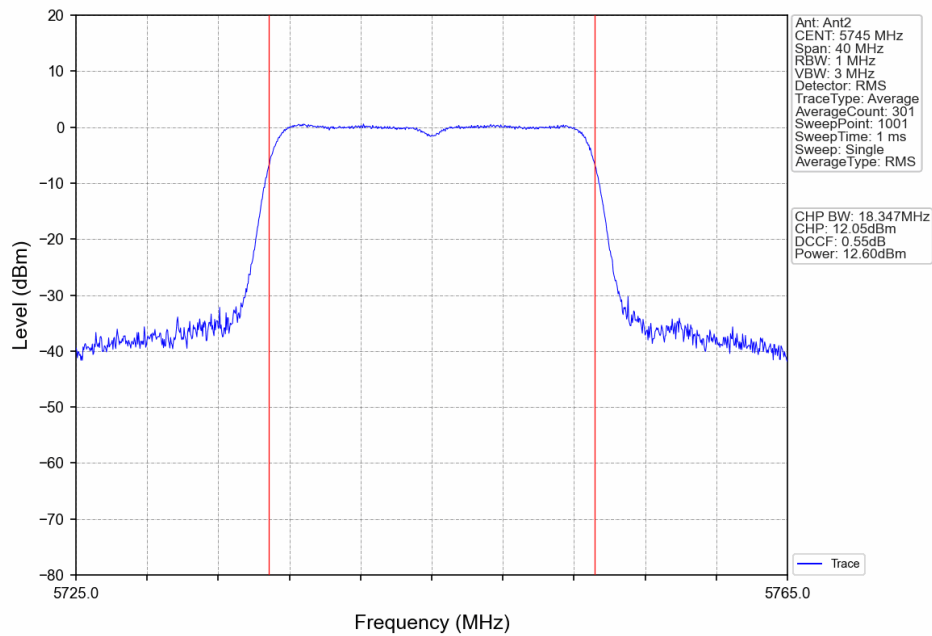




802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

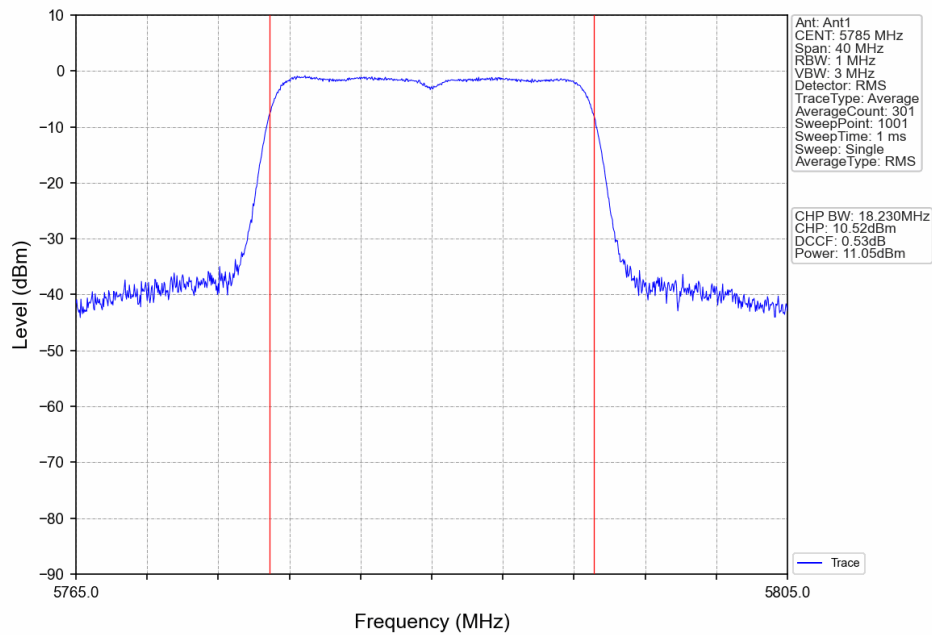


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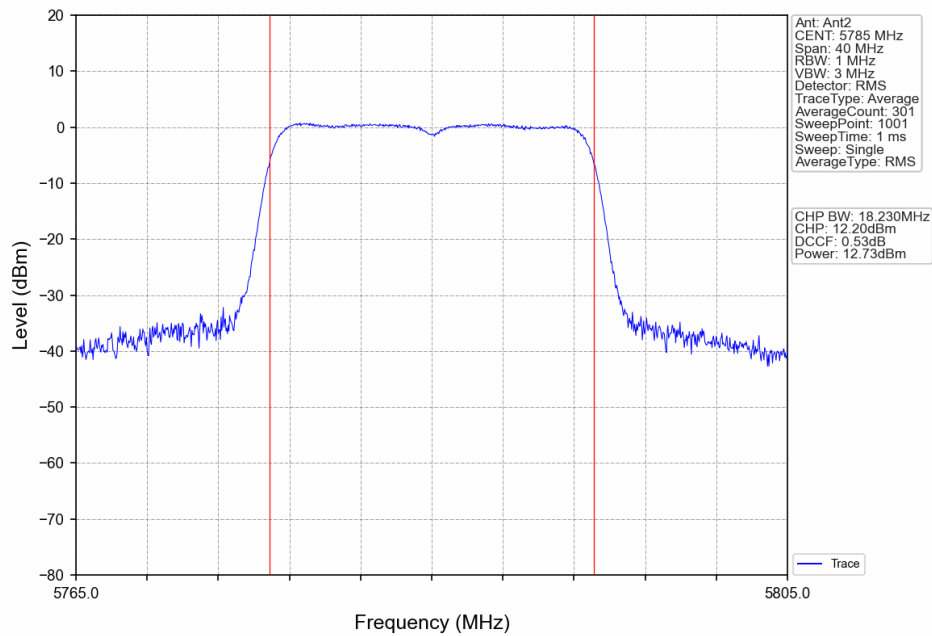




802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

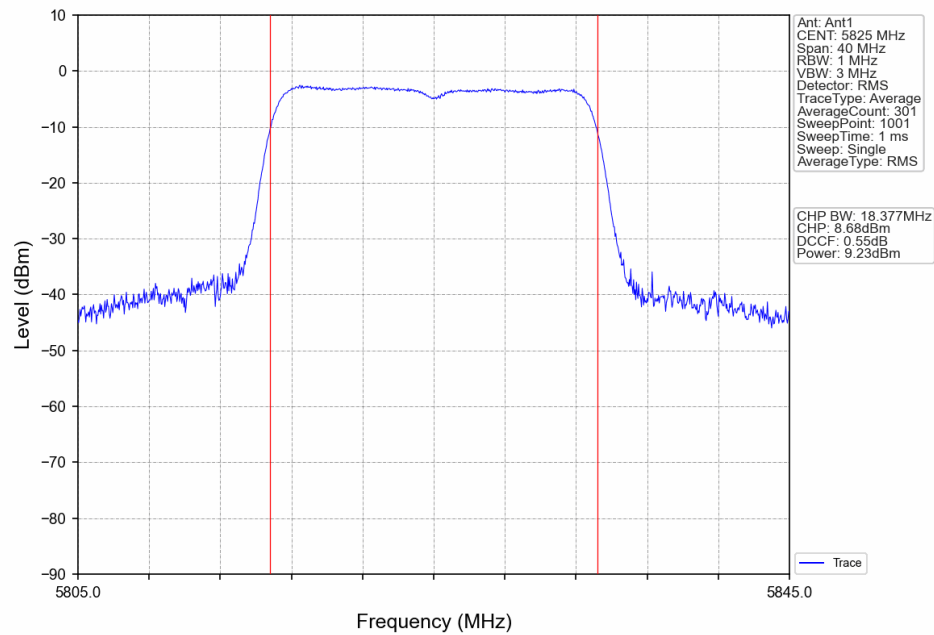


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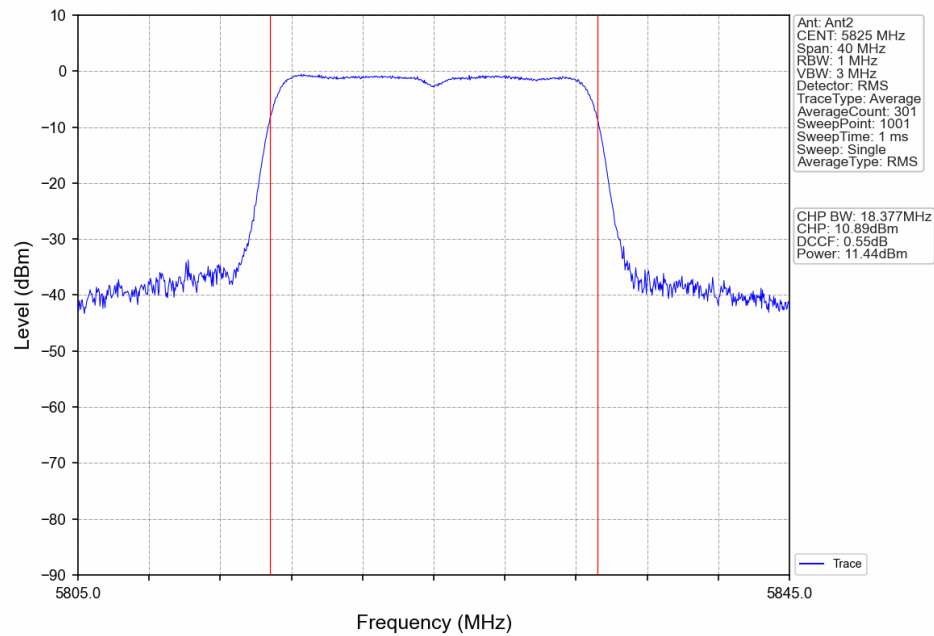




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

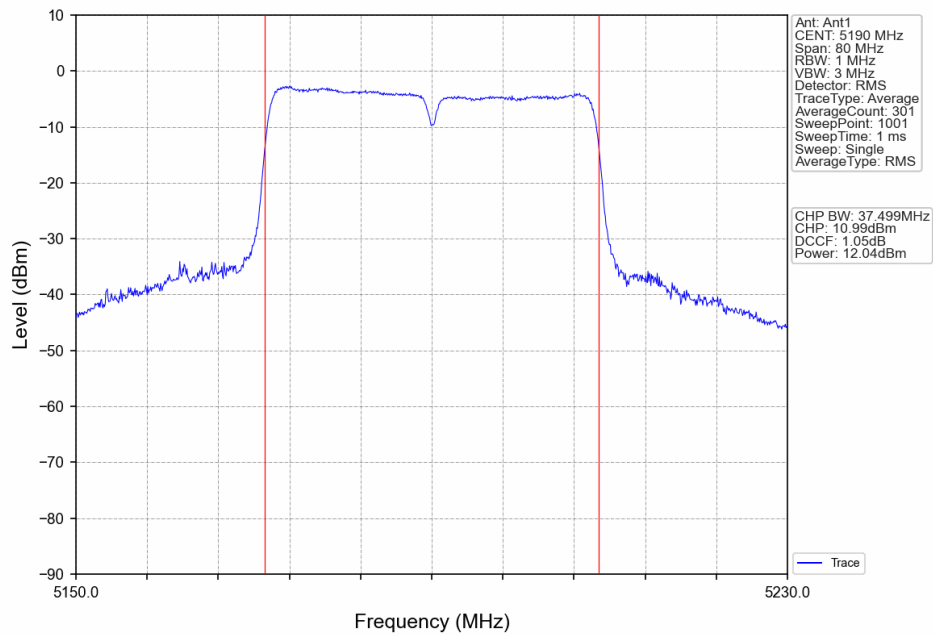


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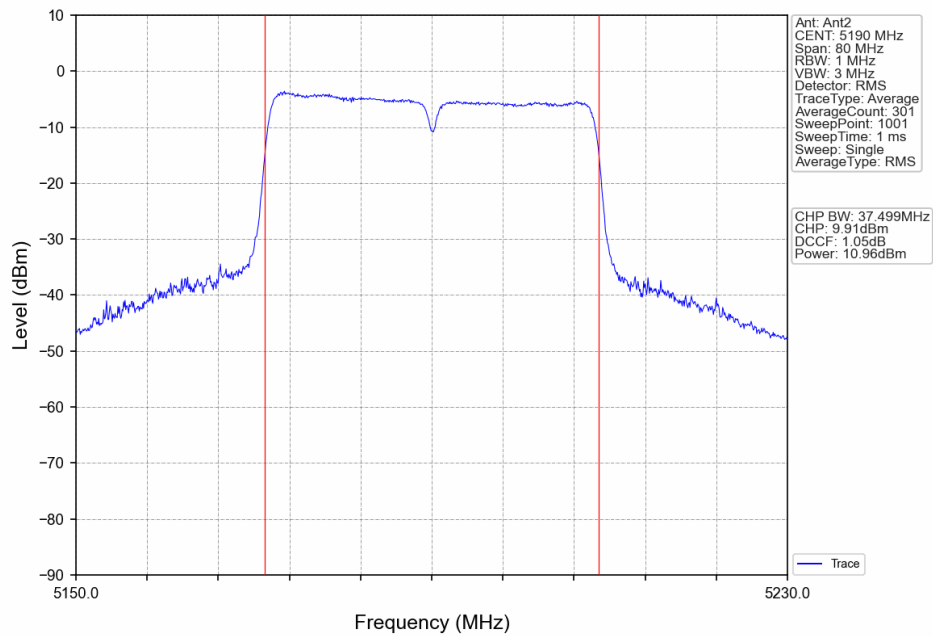




802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

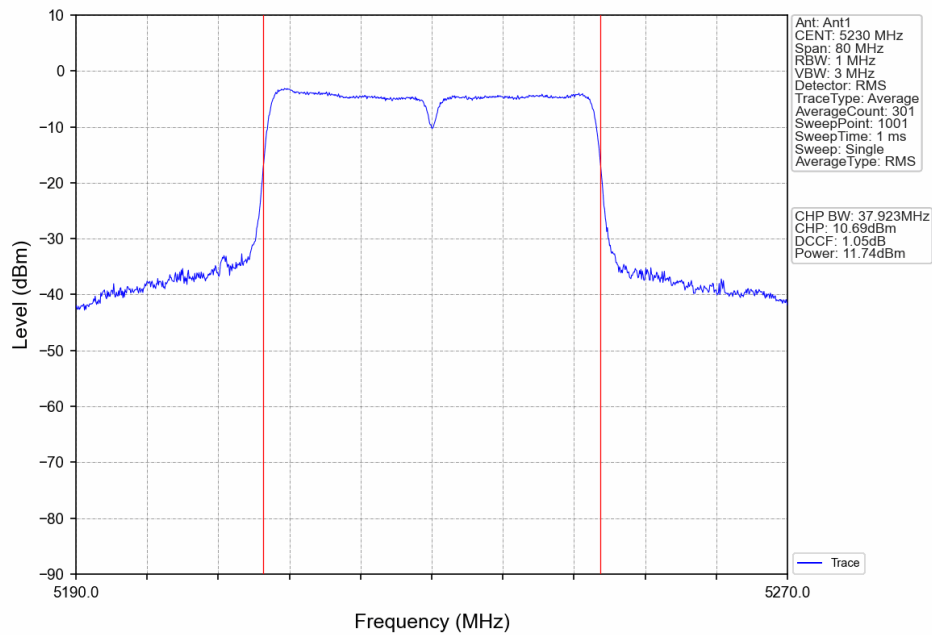


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

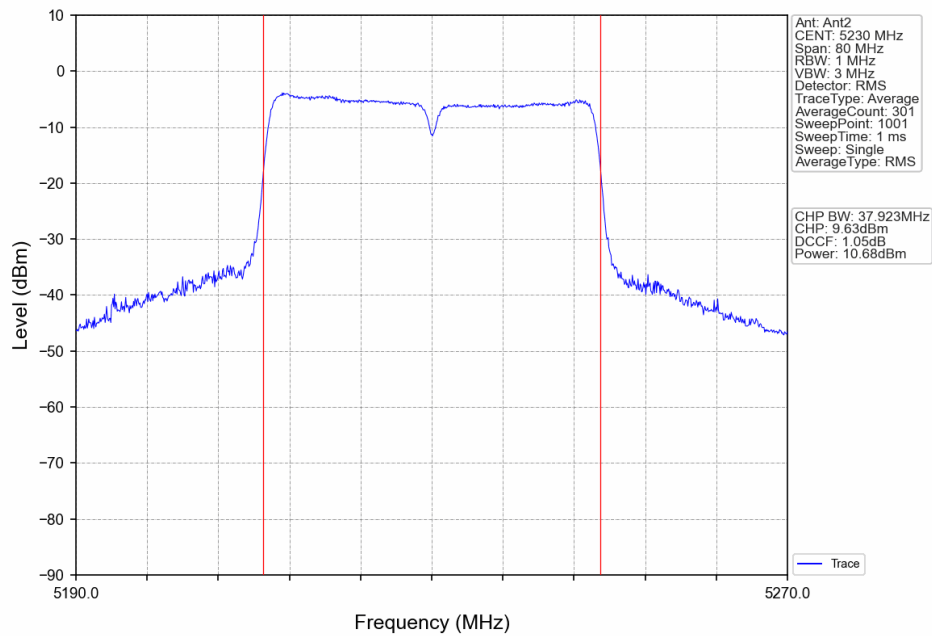




802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

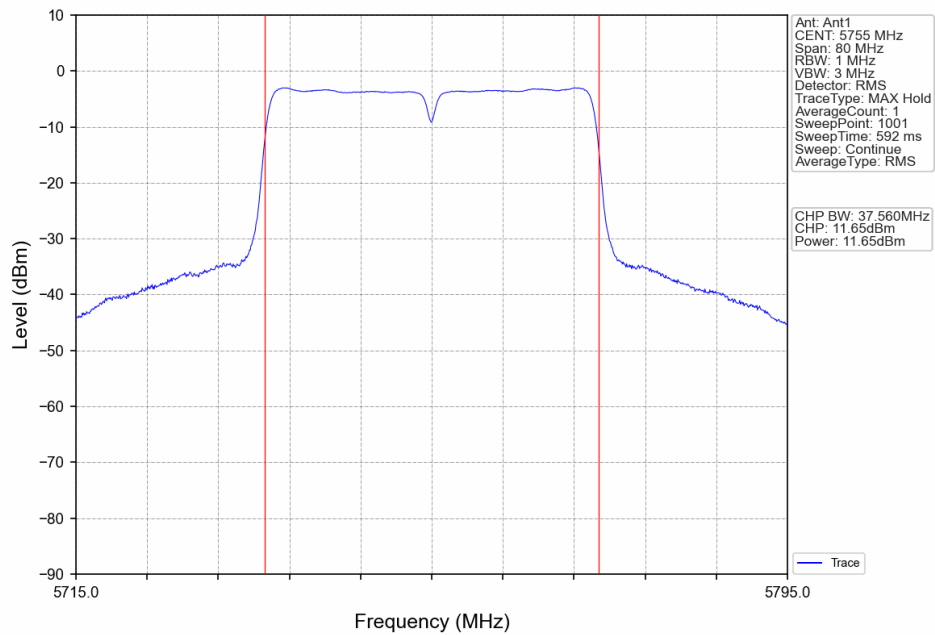


802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

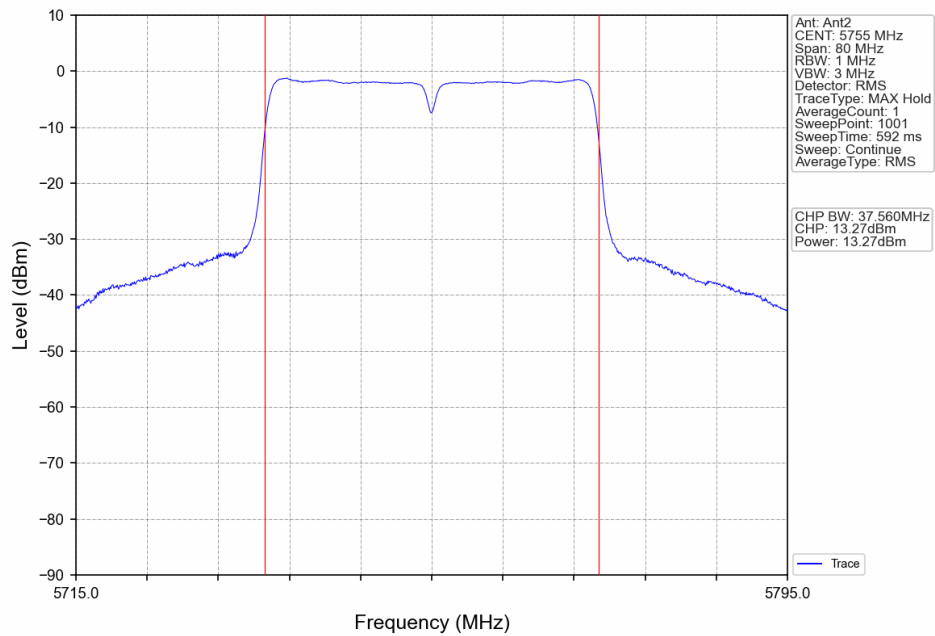




802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

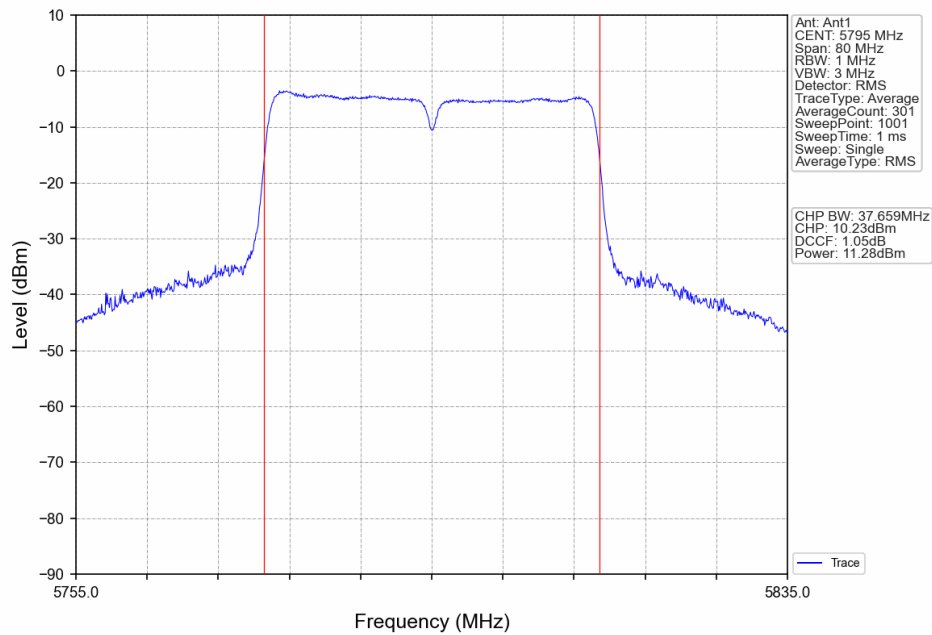


802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV

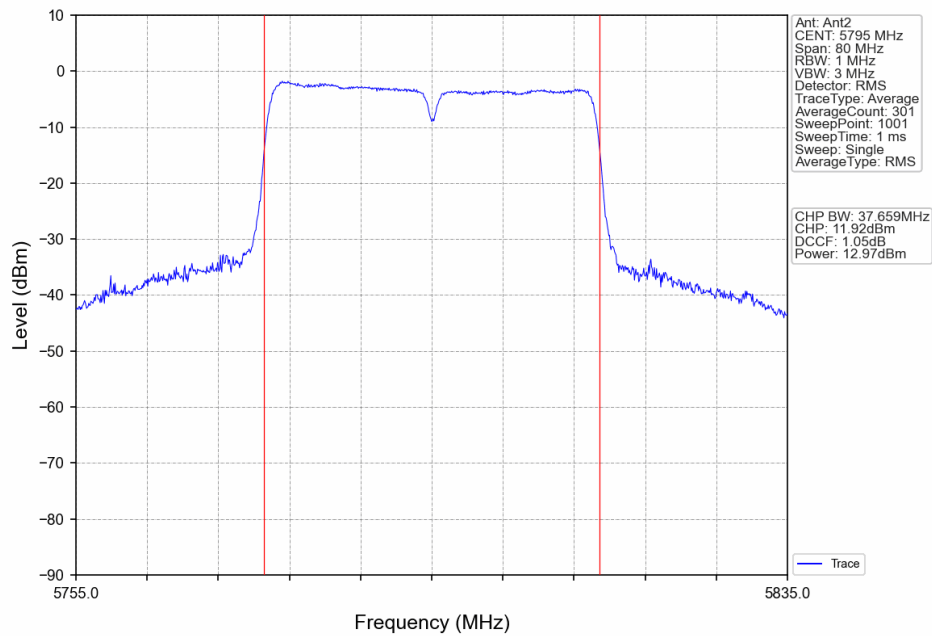




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

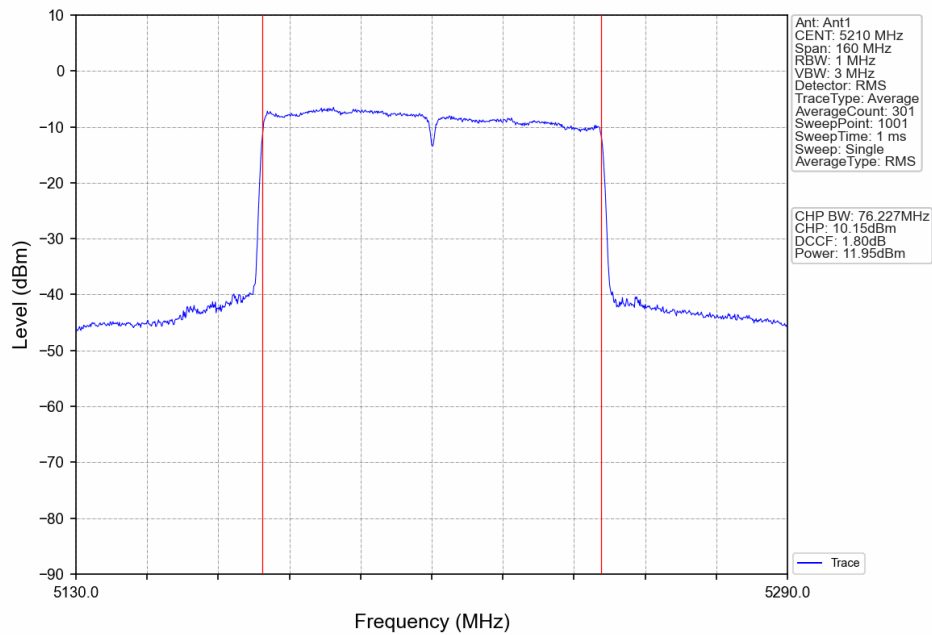


802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV

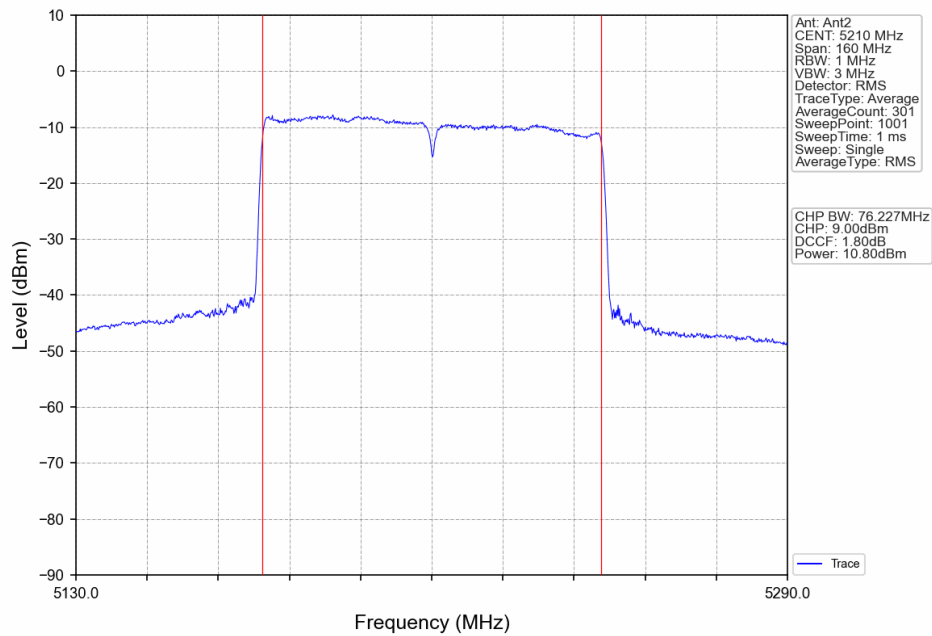




802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

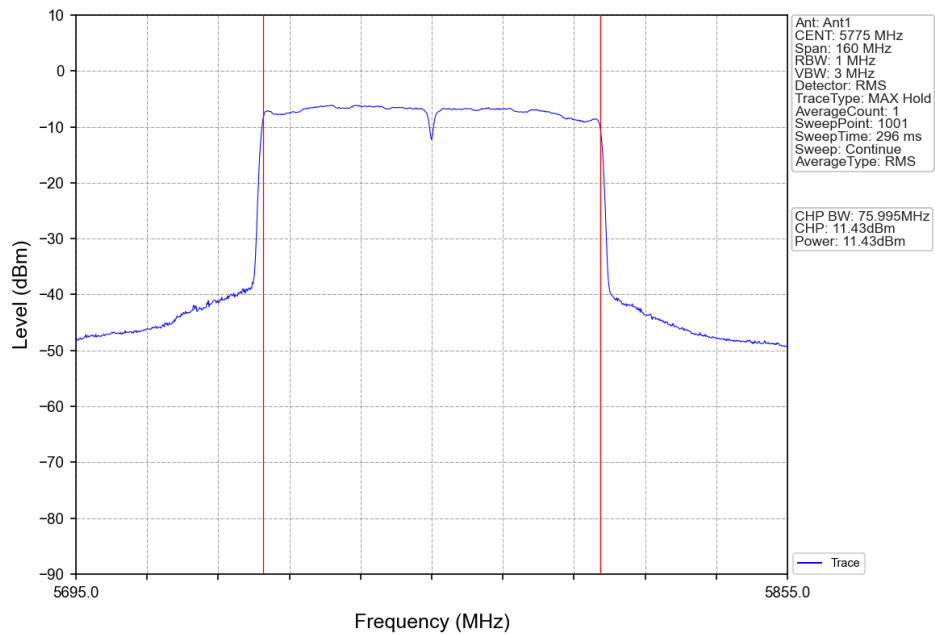


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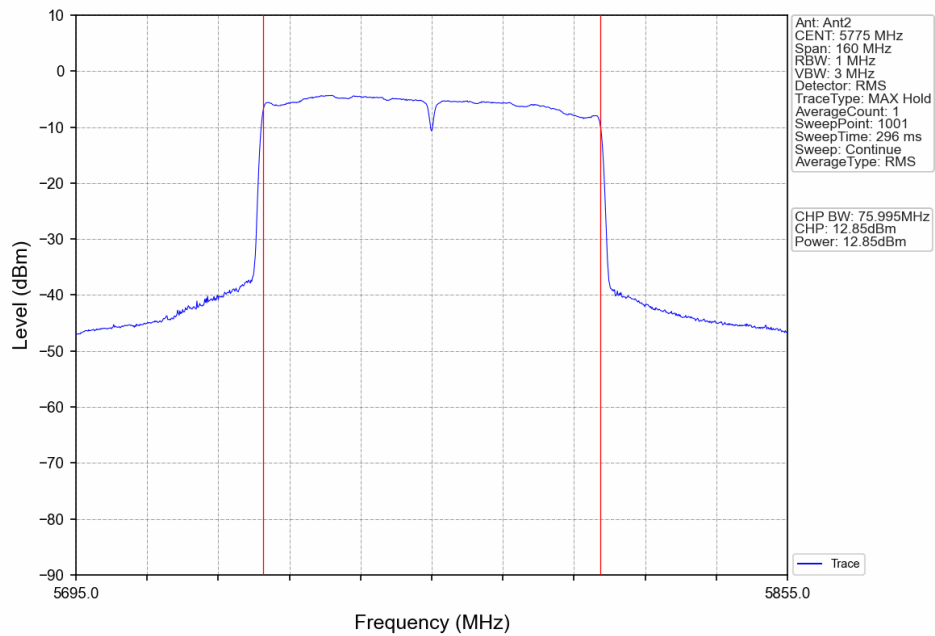




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

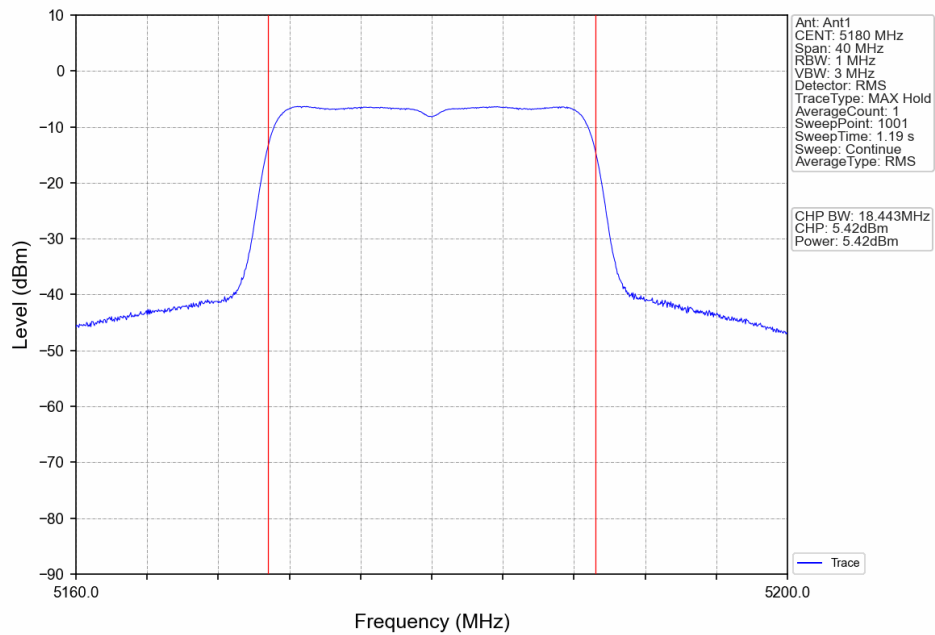


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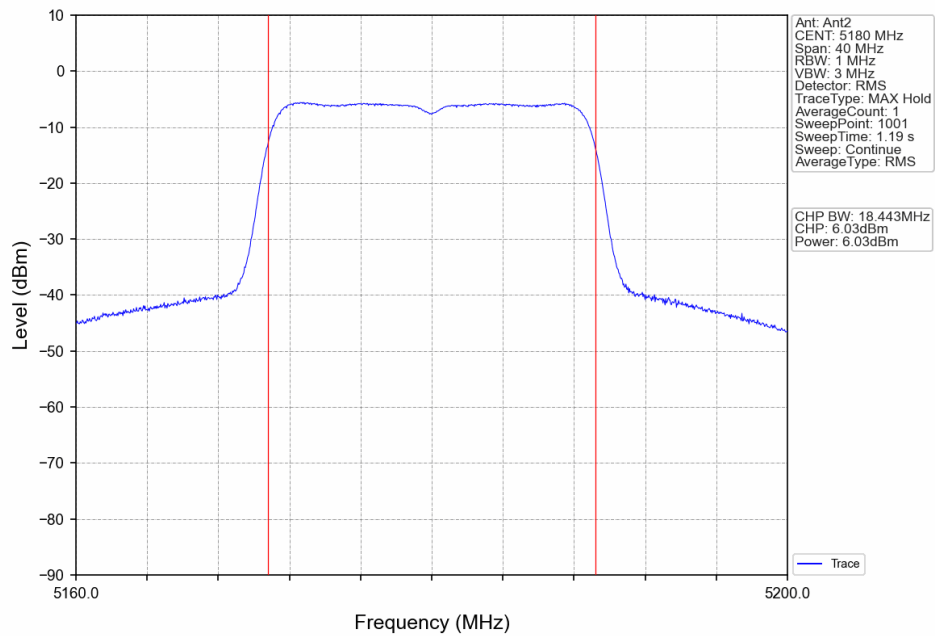




802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV

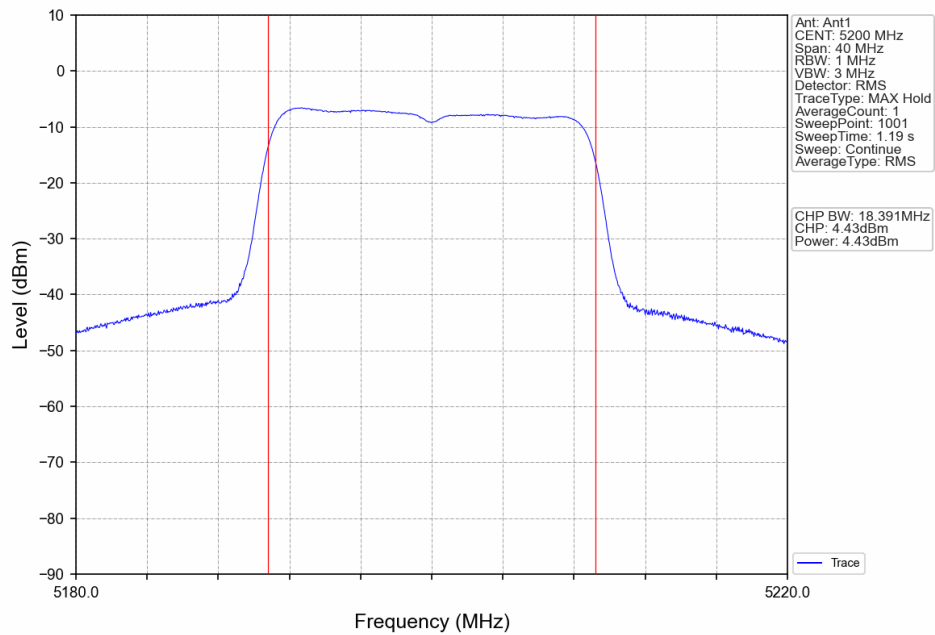


802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV

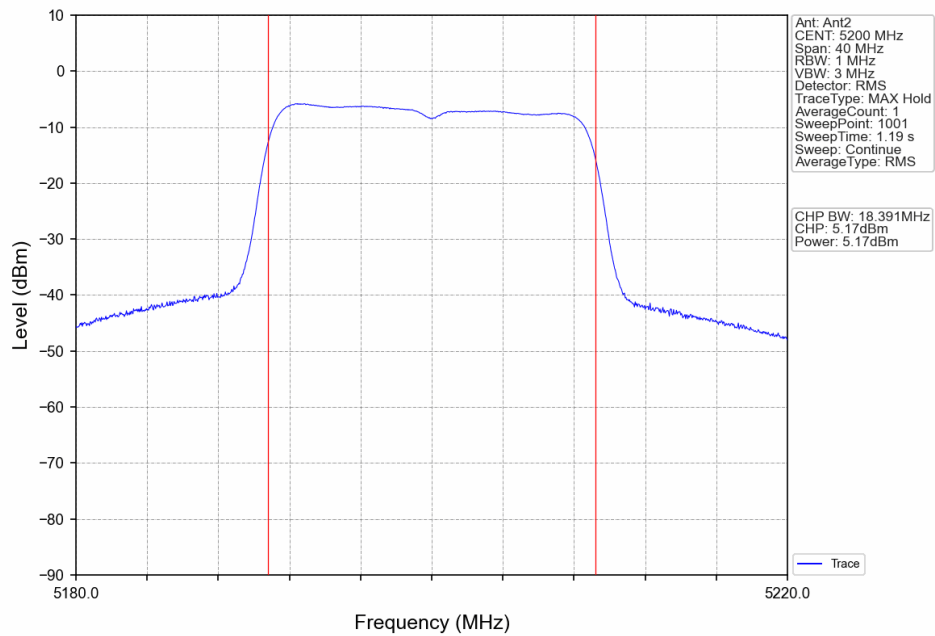




802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV

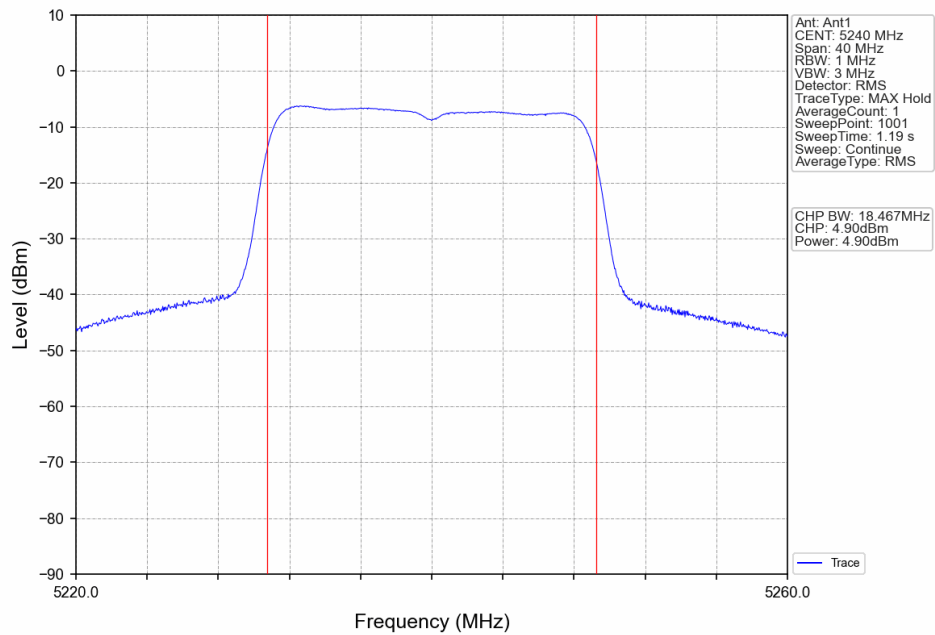


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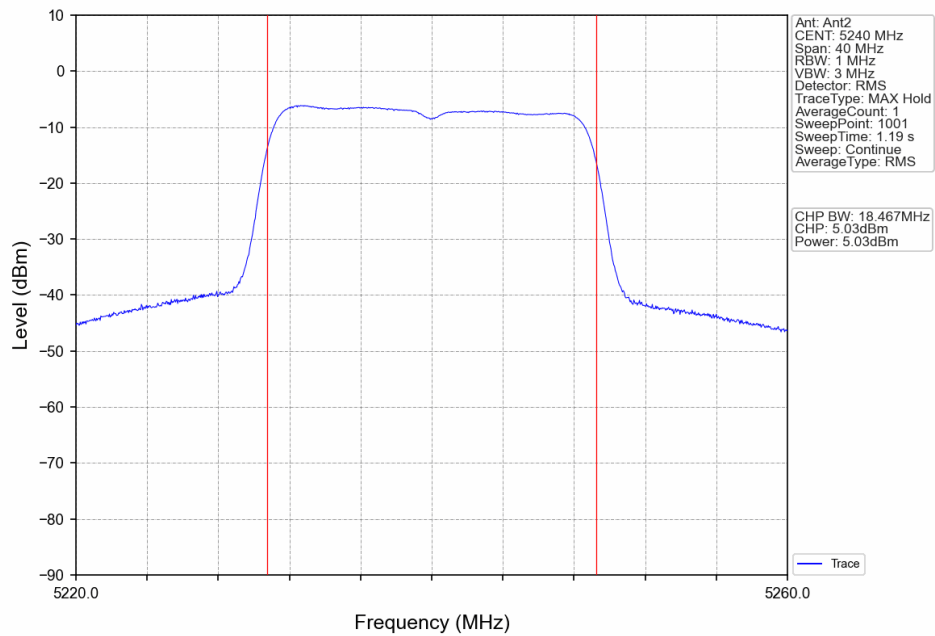




802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV

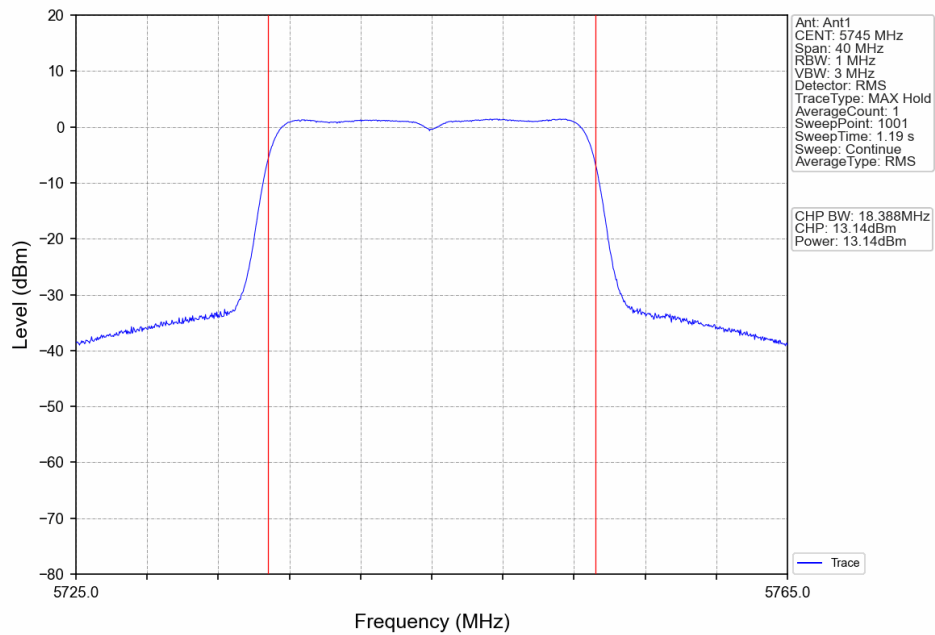


802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV

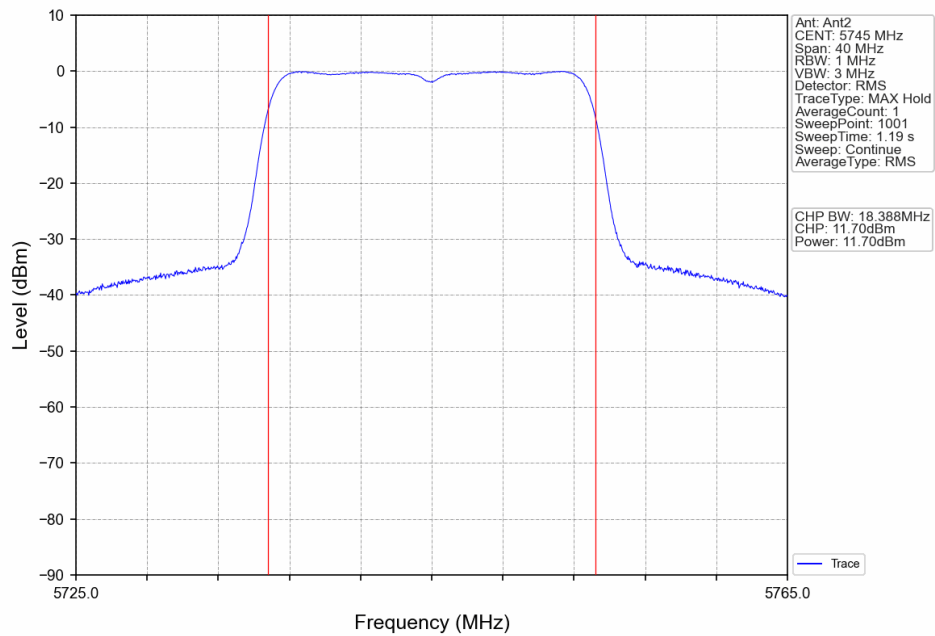




802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV

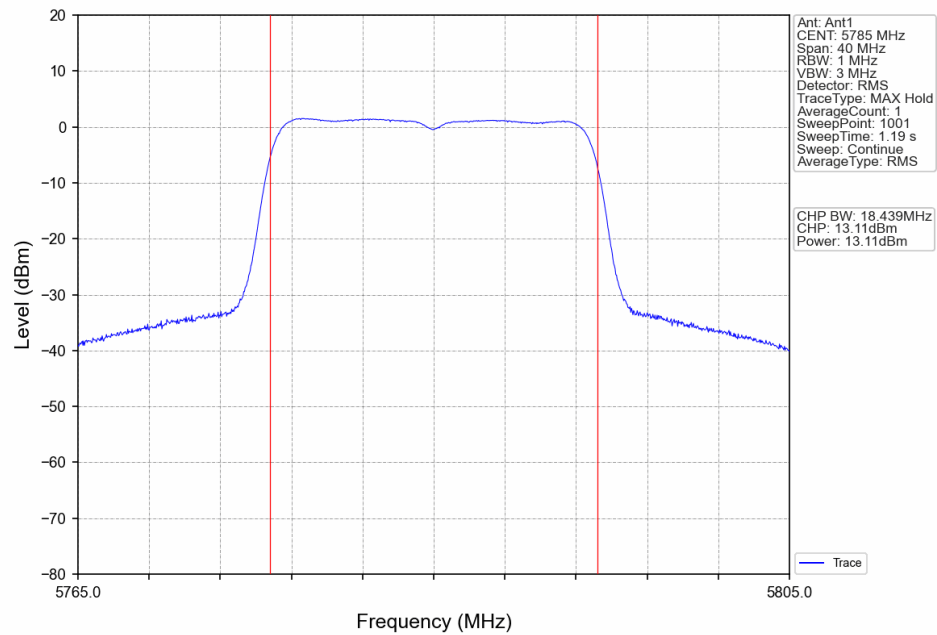


802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV

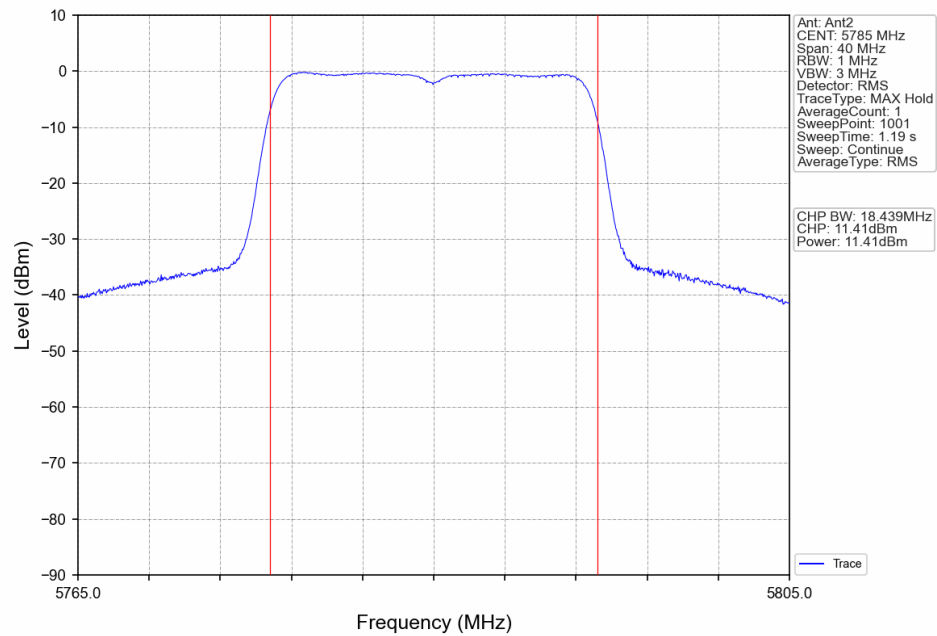




802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV

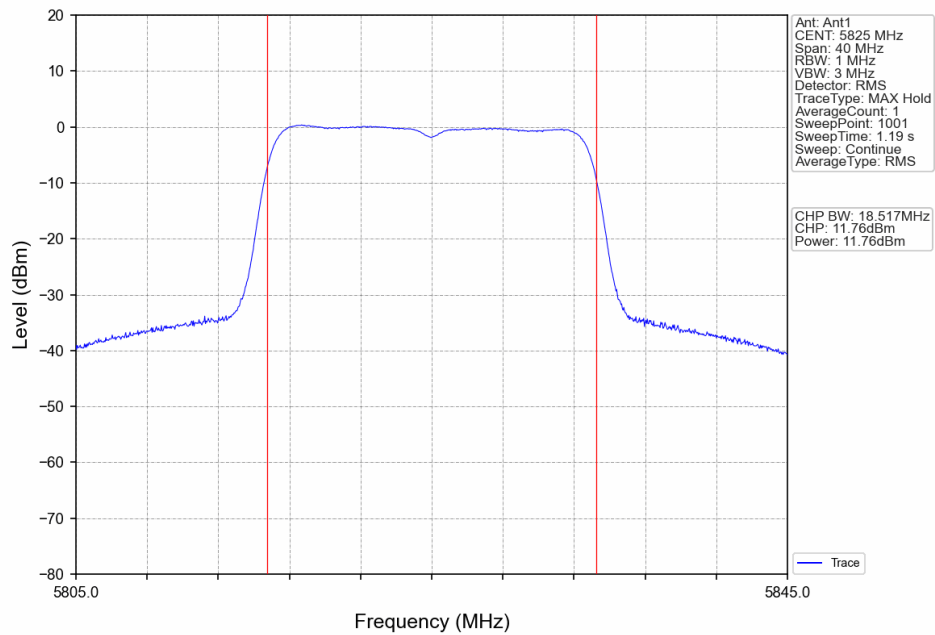


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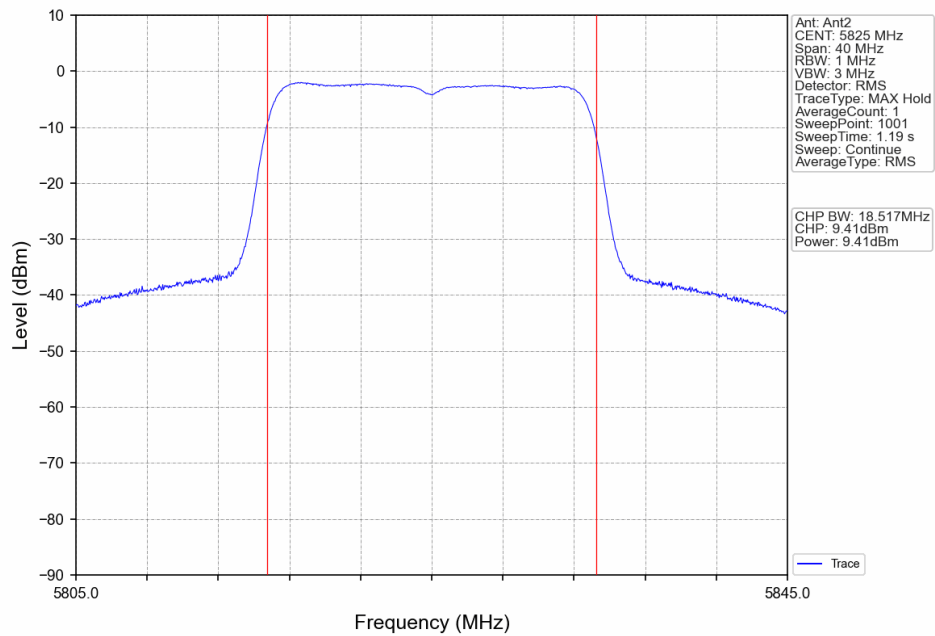




802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV

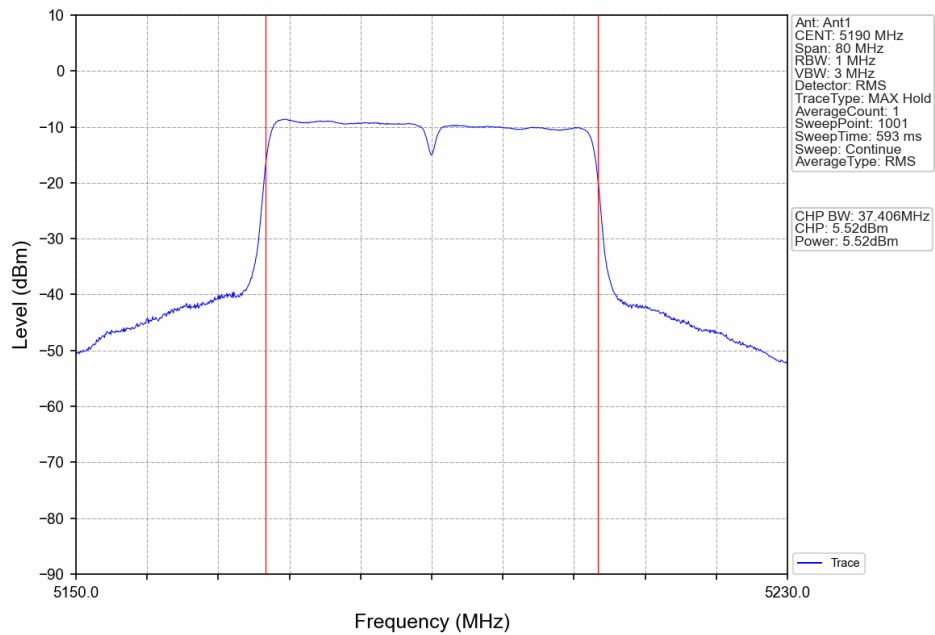


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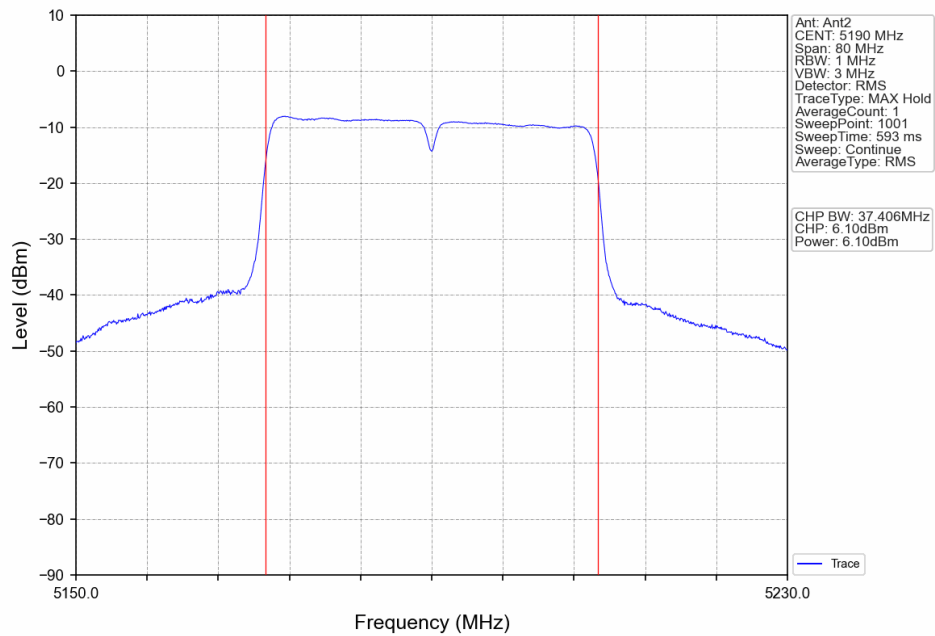




802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV

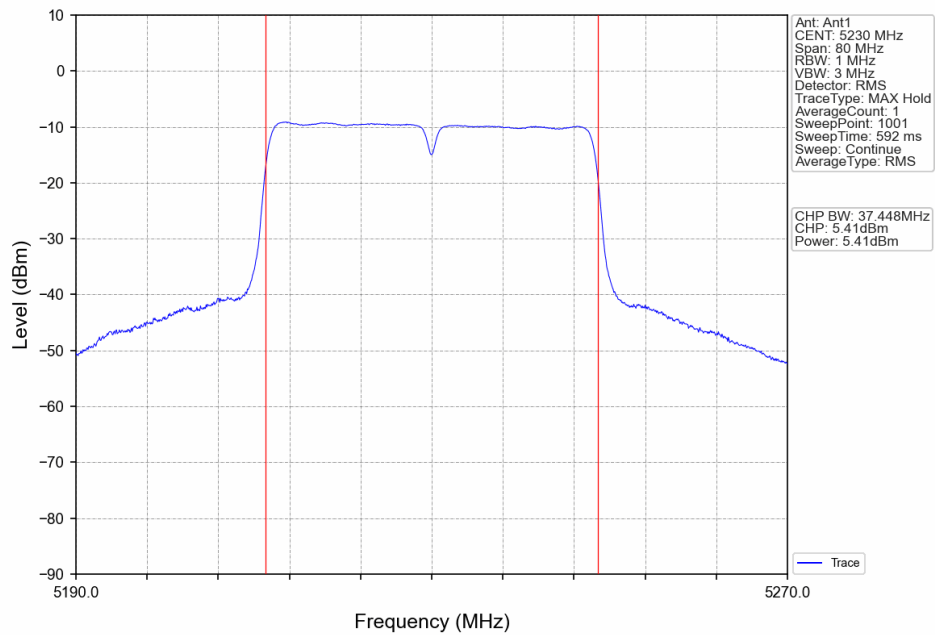


802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV

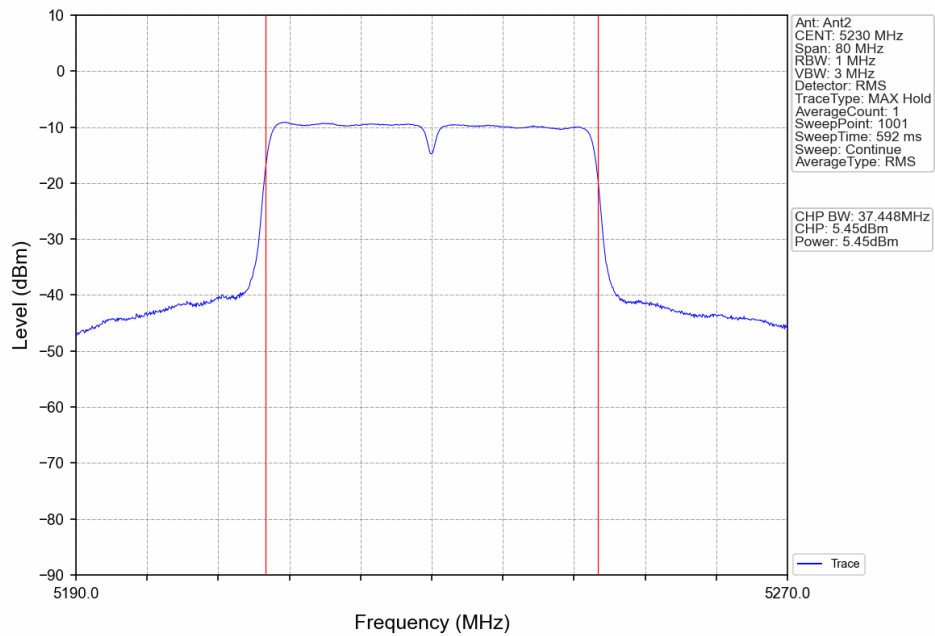




802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV

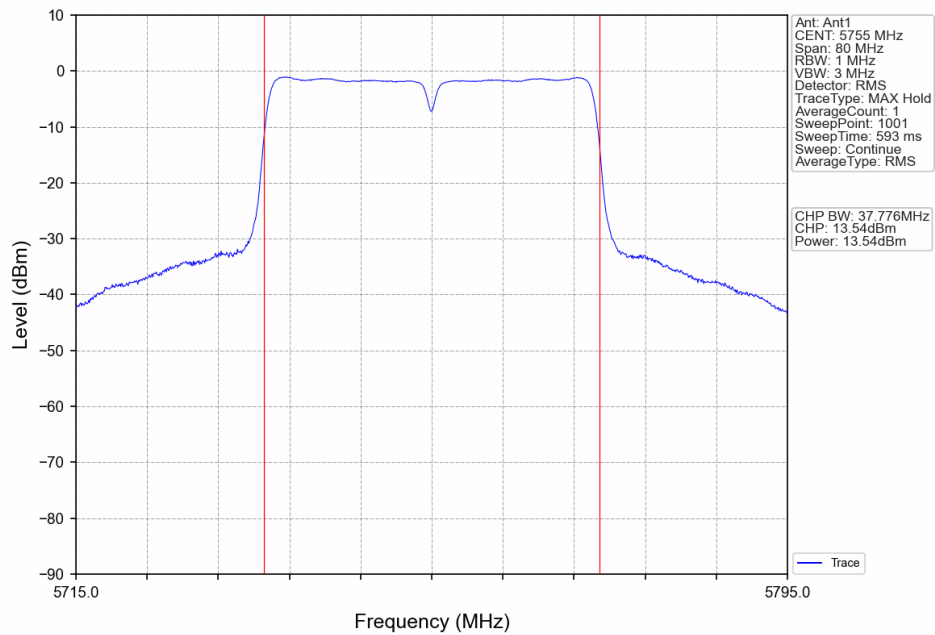


802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV

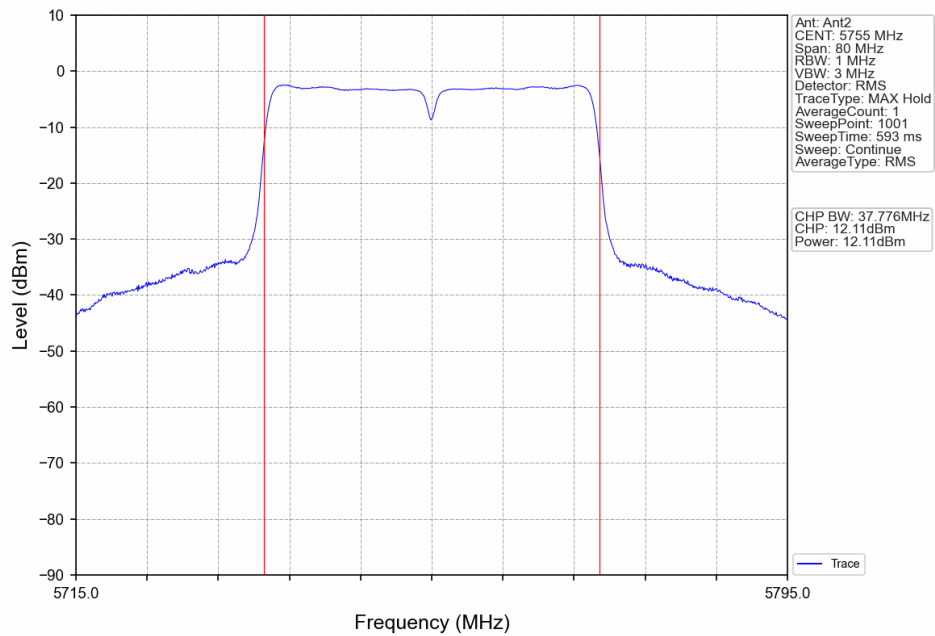




802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV

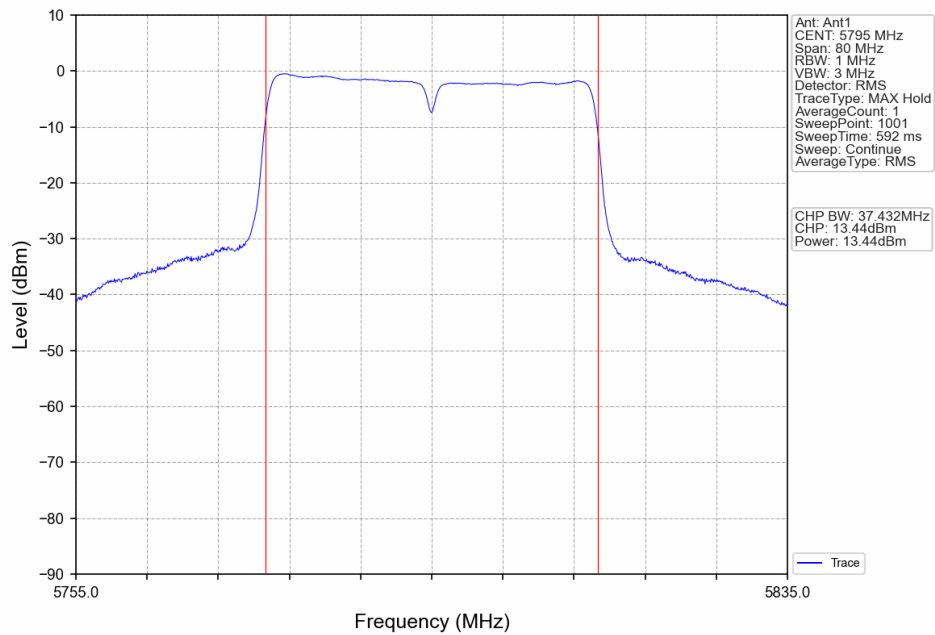


802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV

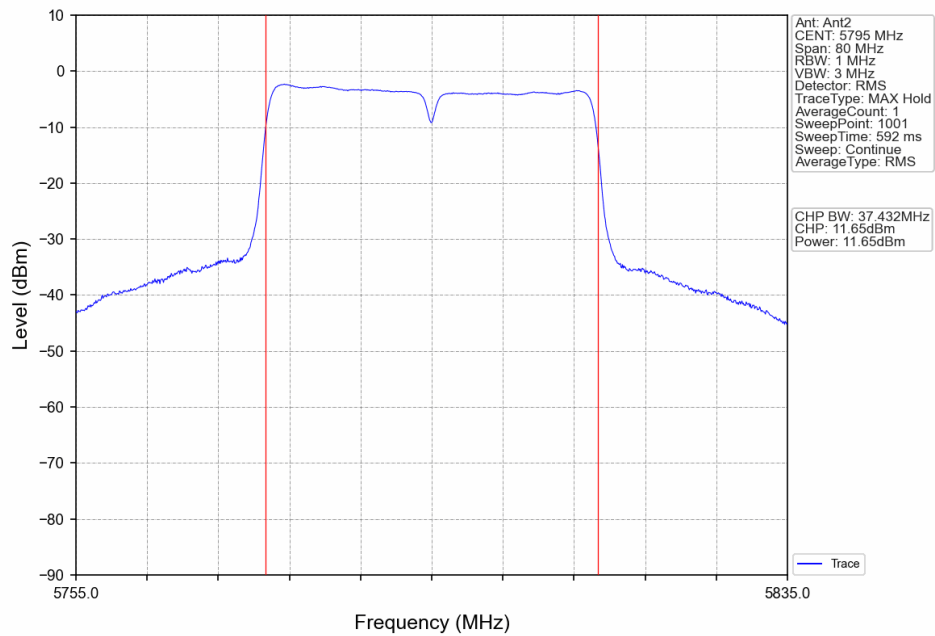




802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV

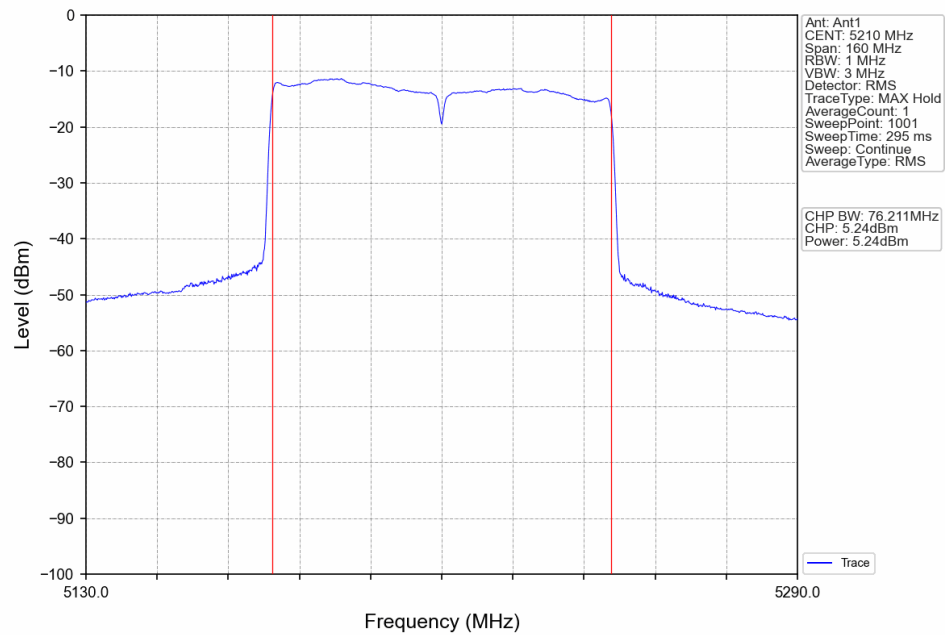


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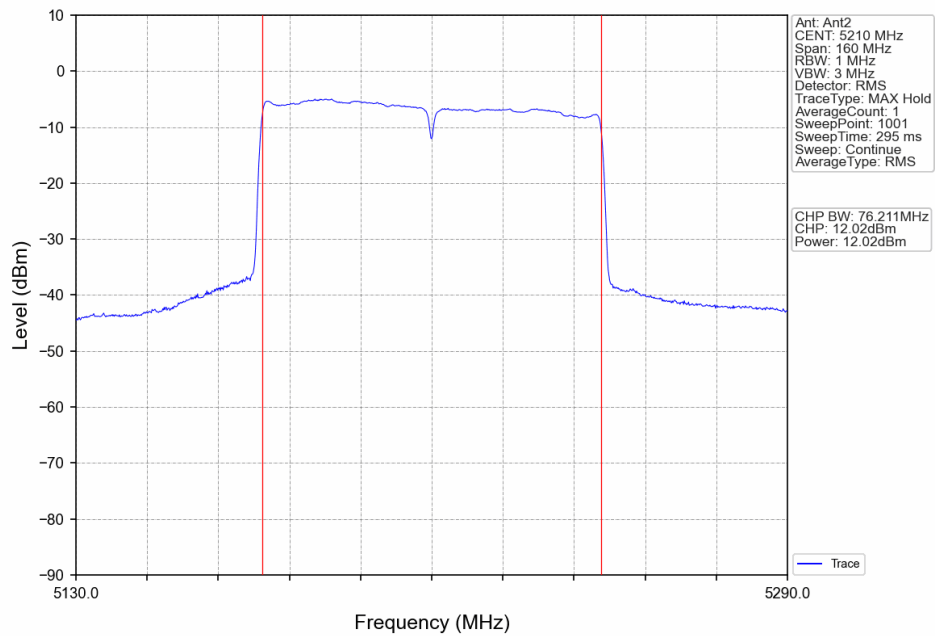




802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV

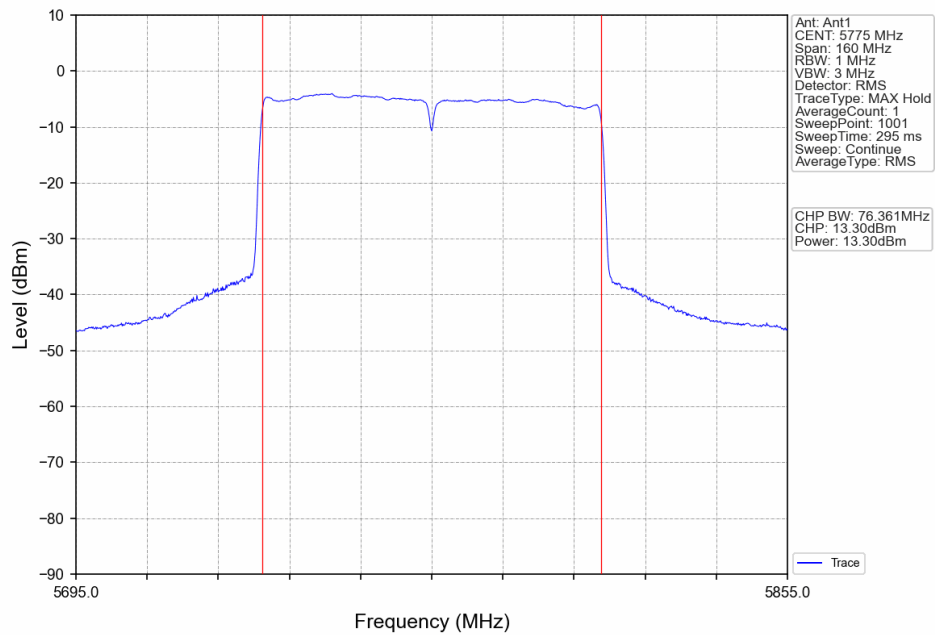


802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV

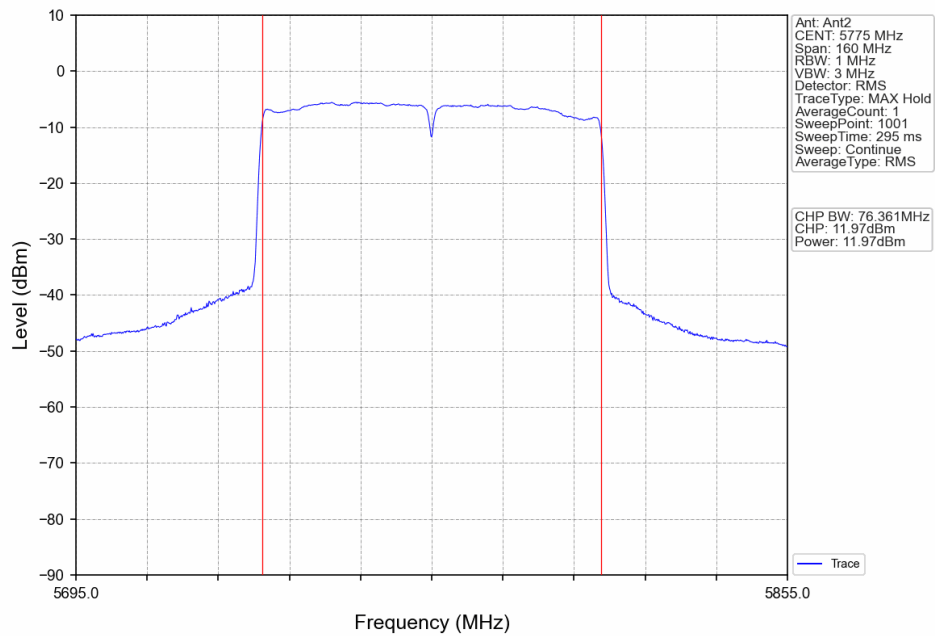




802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV

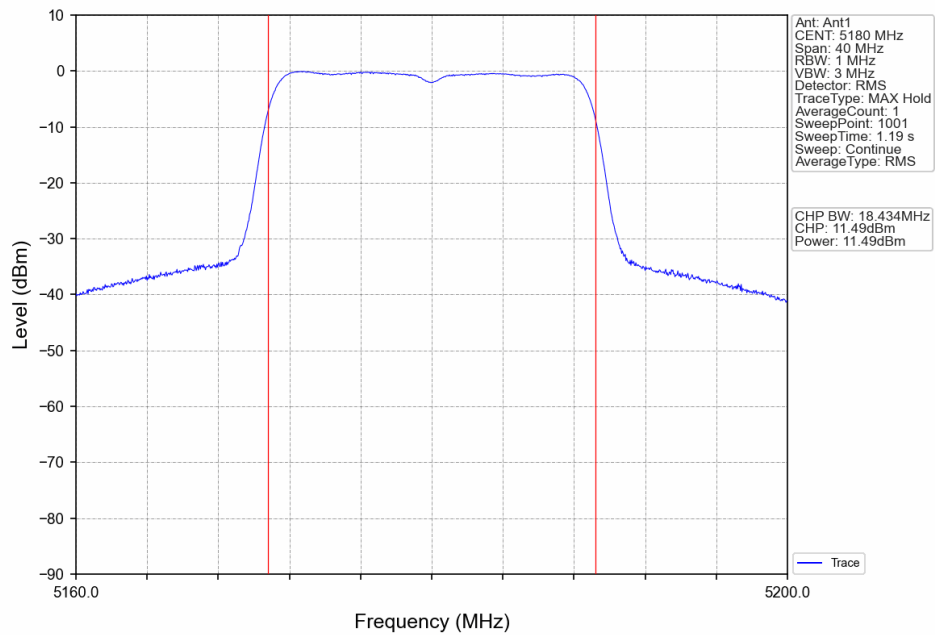


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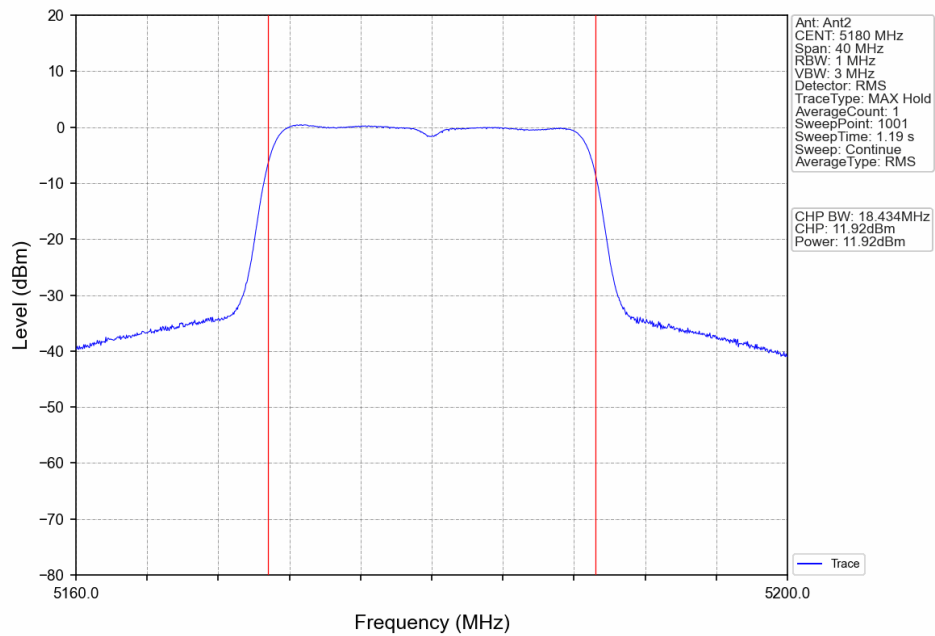




802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV

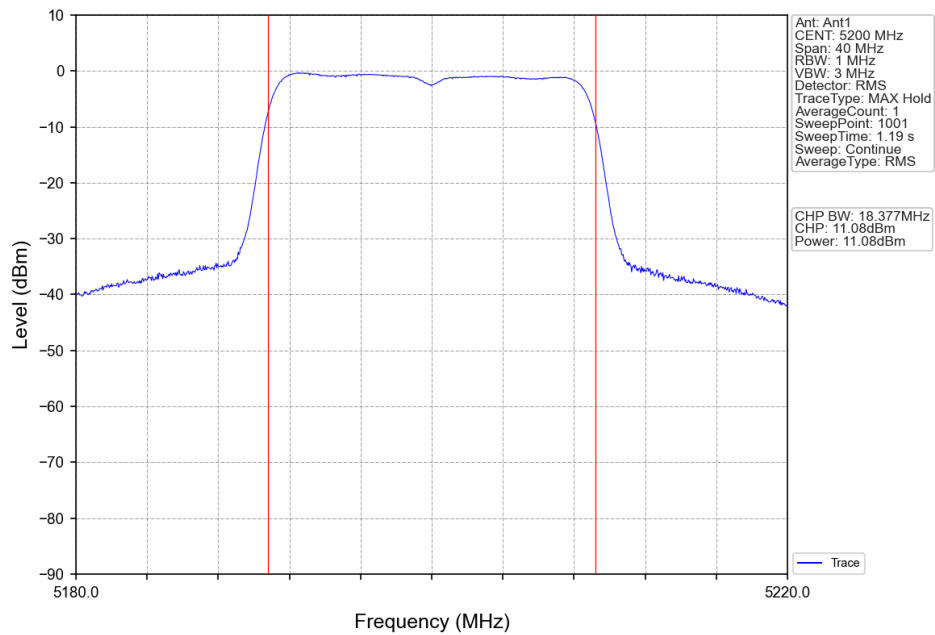


802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV

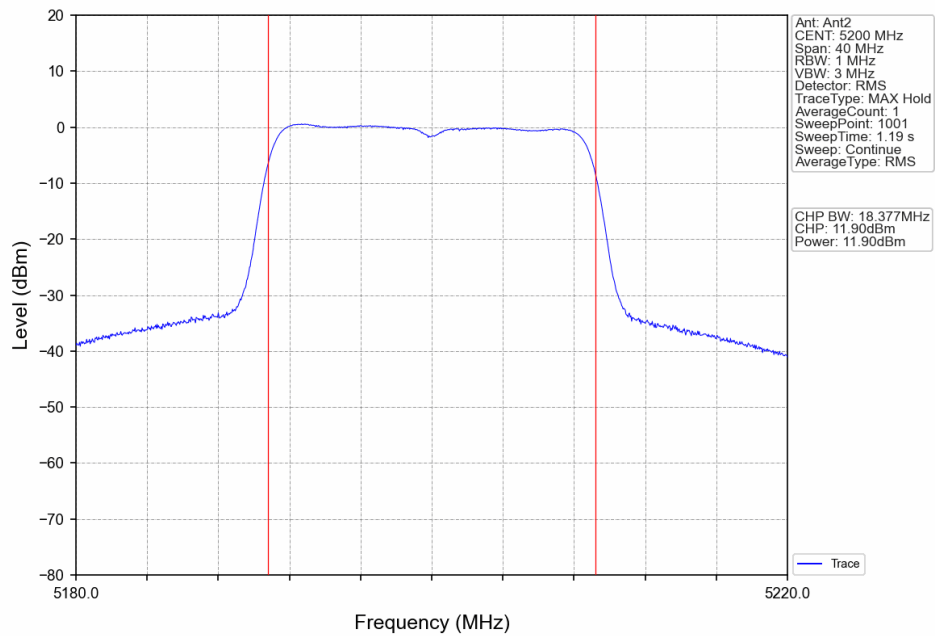




802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV

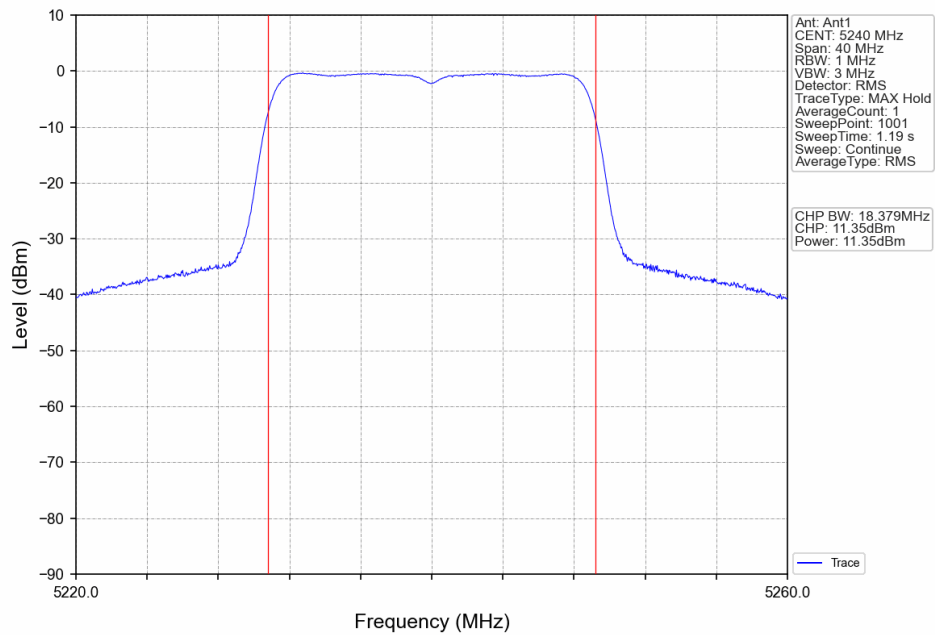


802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant2_NTNV

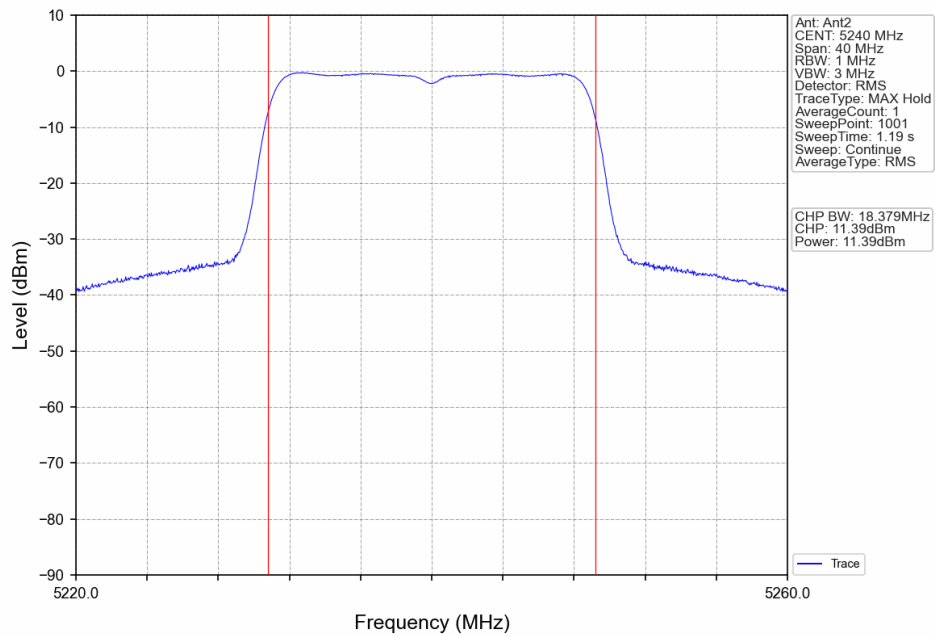




802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV

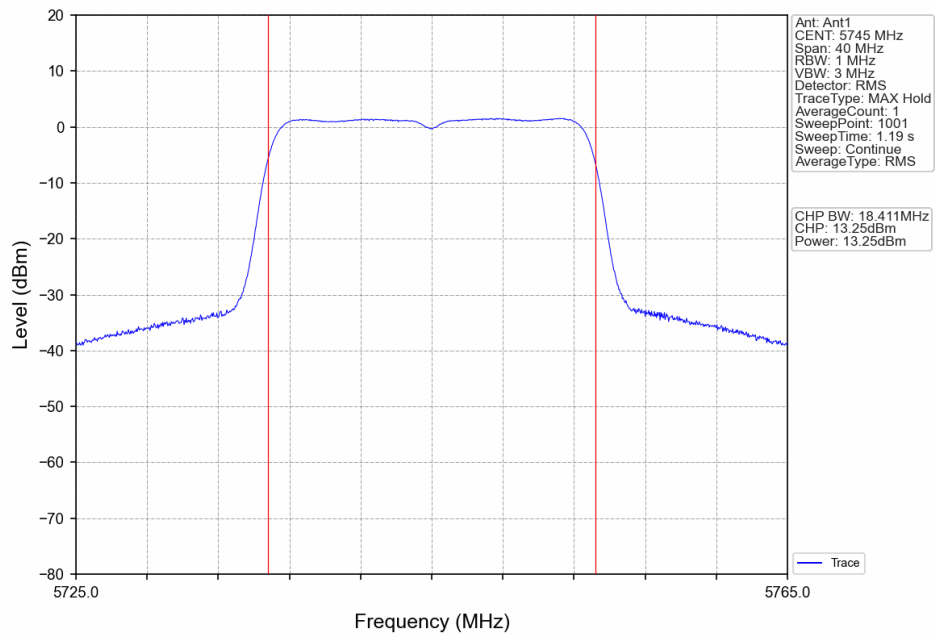


802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV

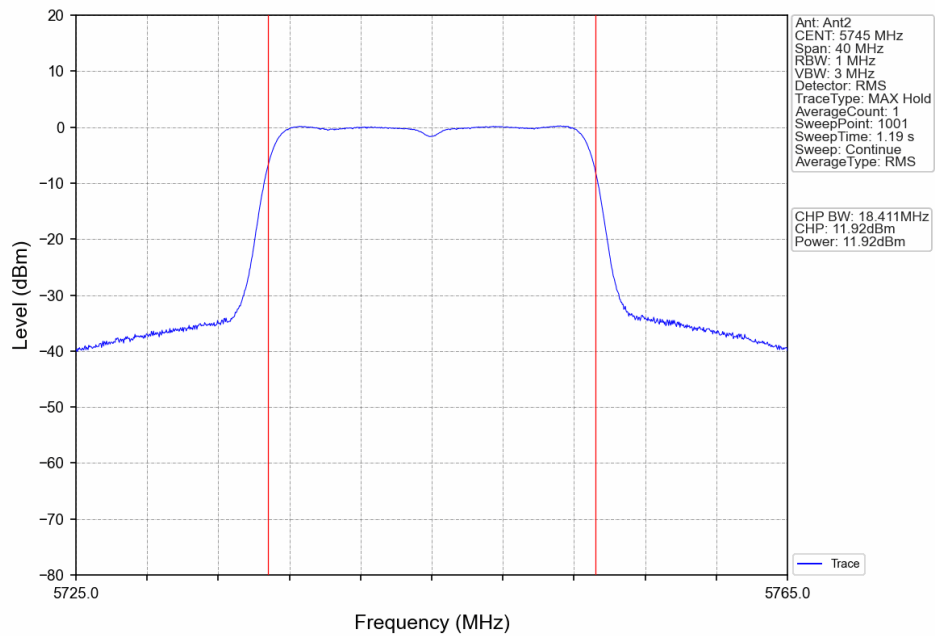




802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV

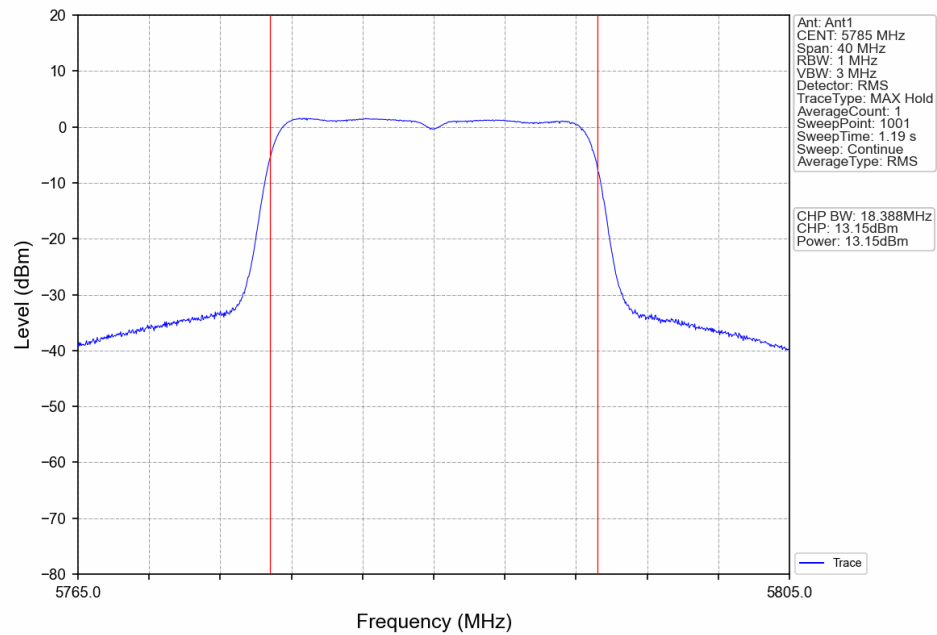


802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV

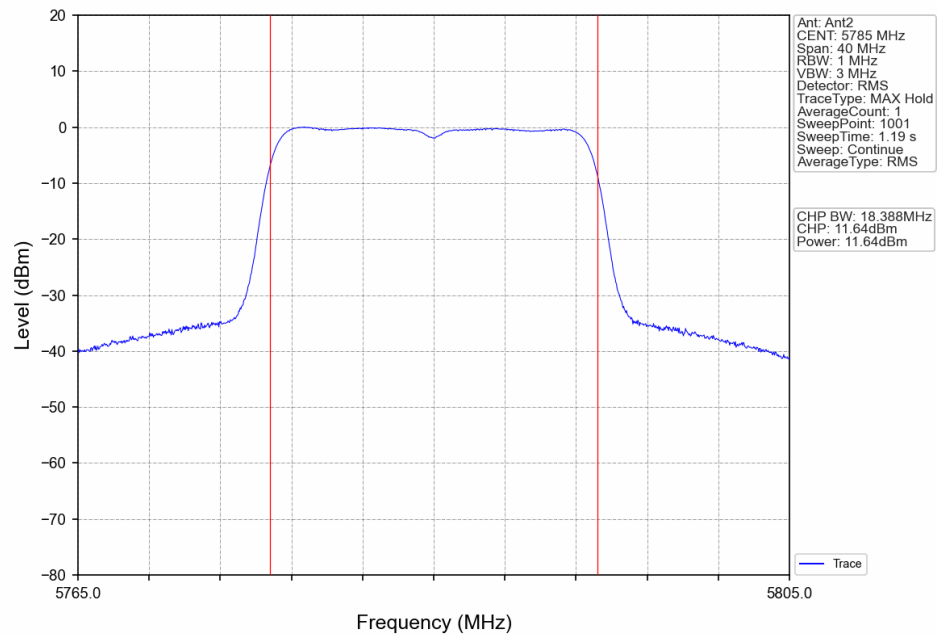




802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV

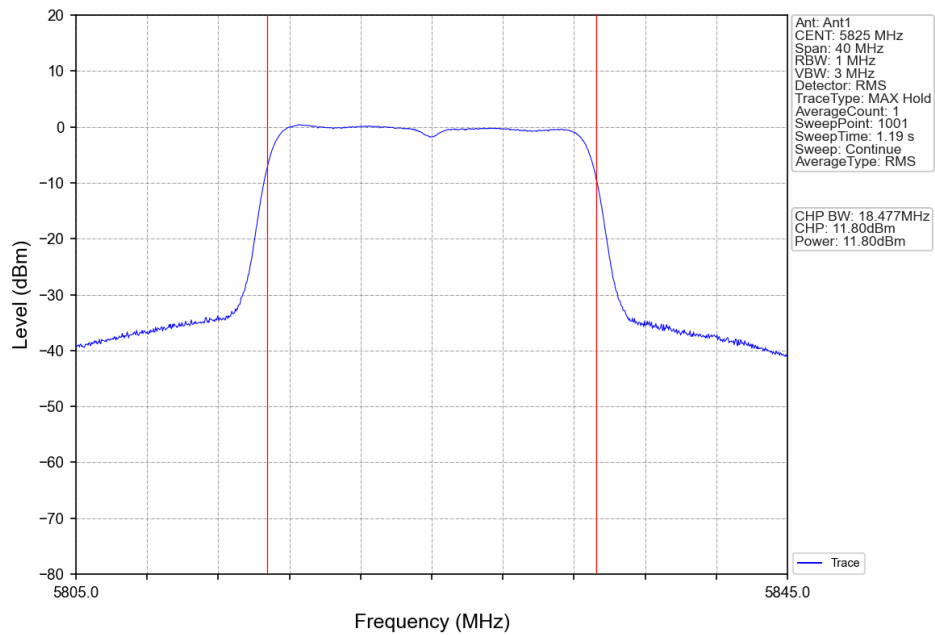


802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant2_NTNV

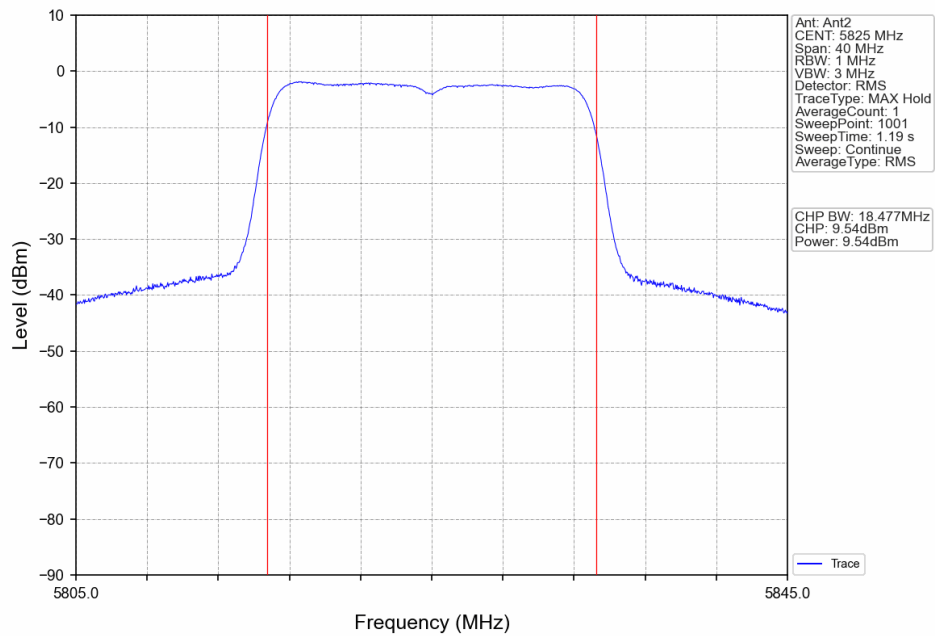




802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV

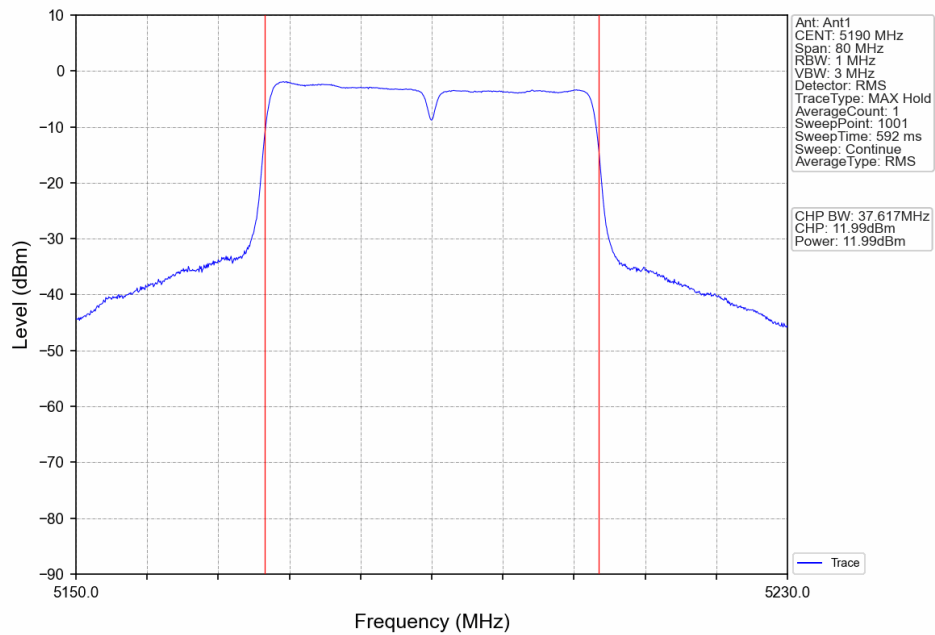


802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant2_NTNV

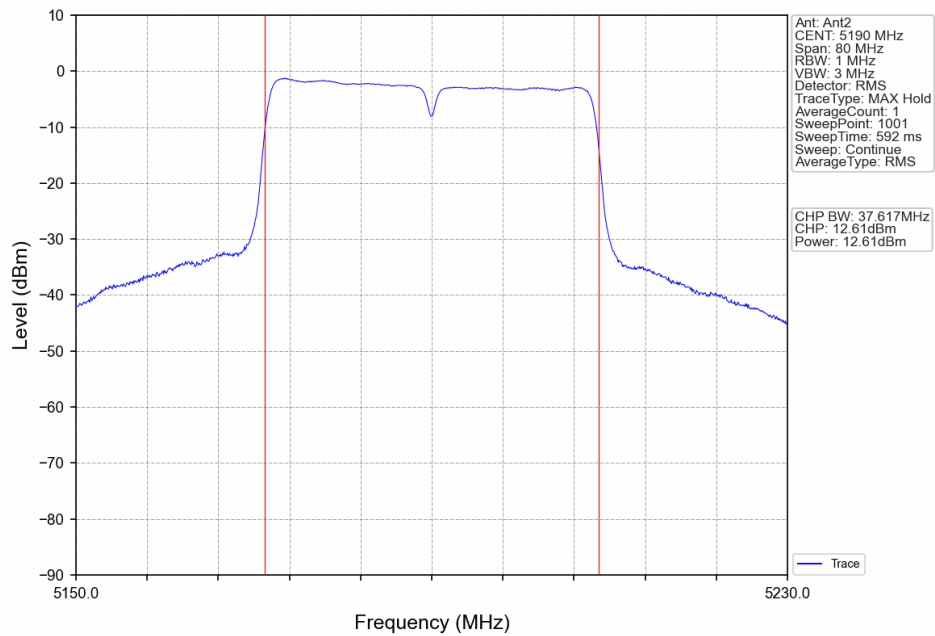




802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV

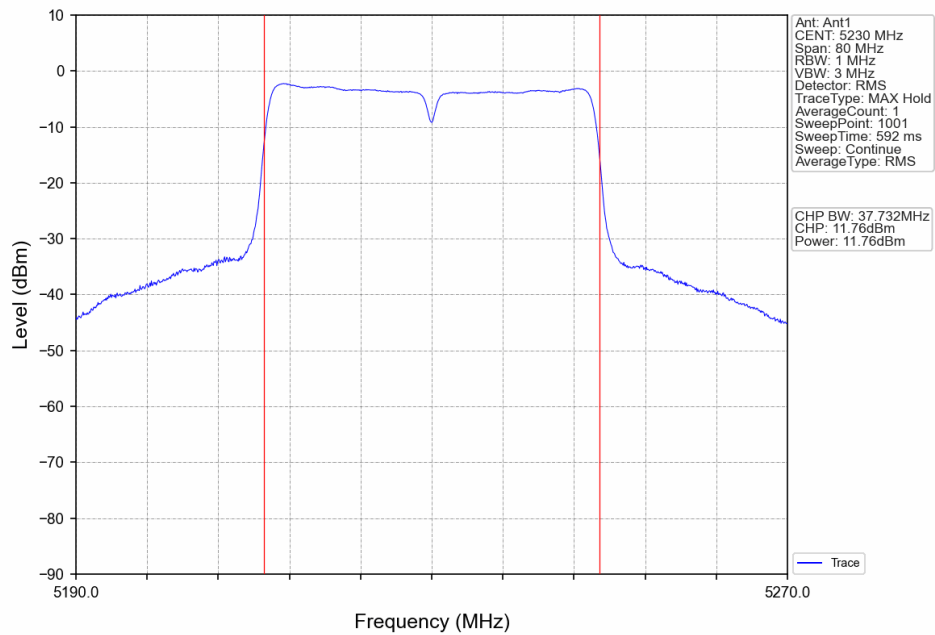


802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV

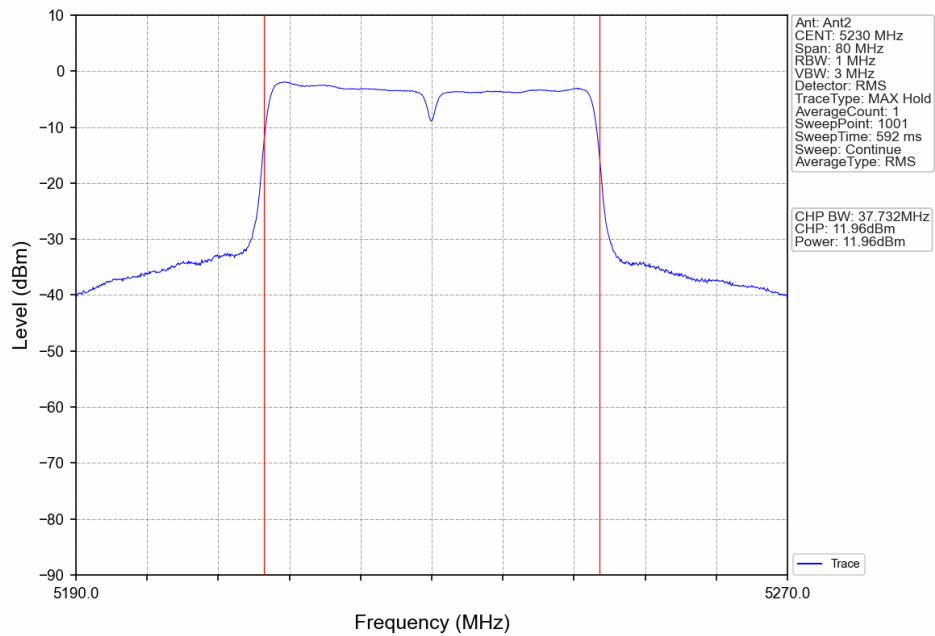




802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV

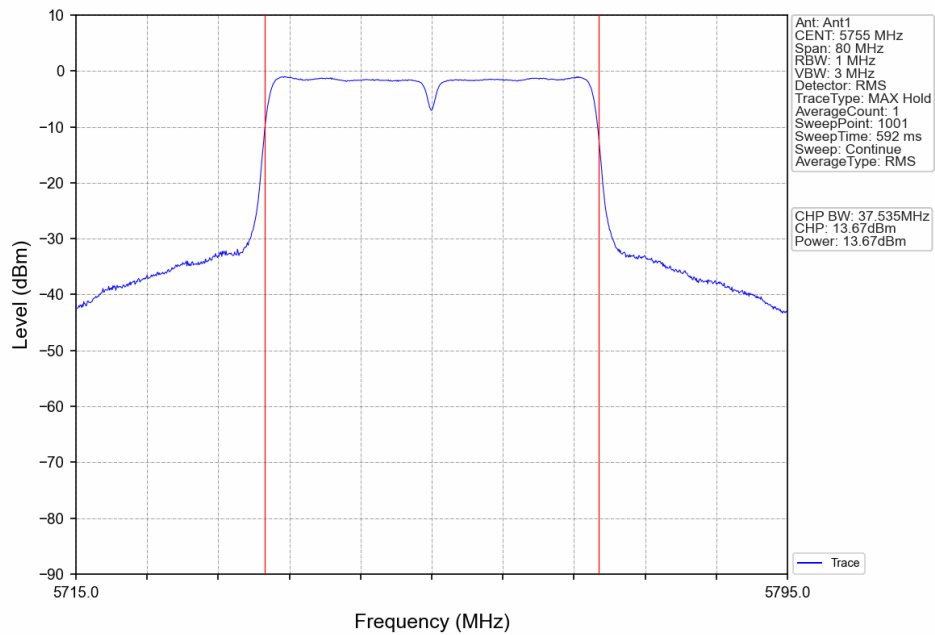


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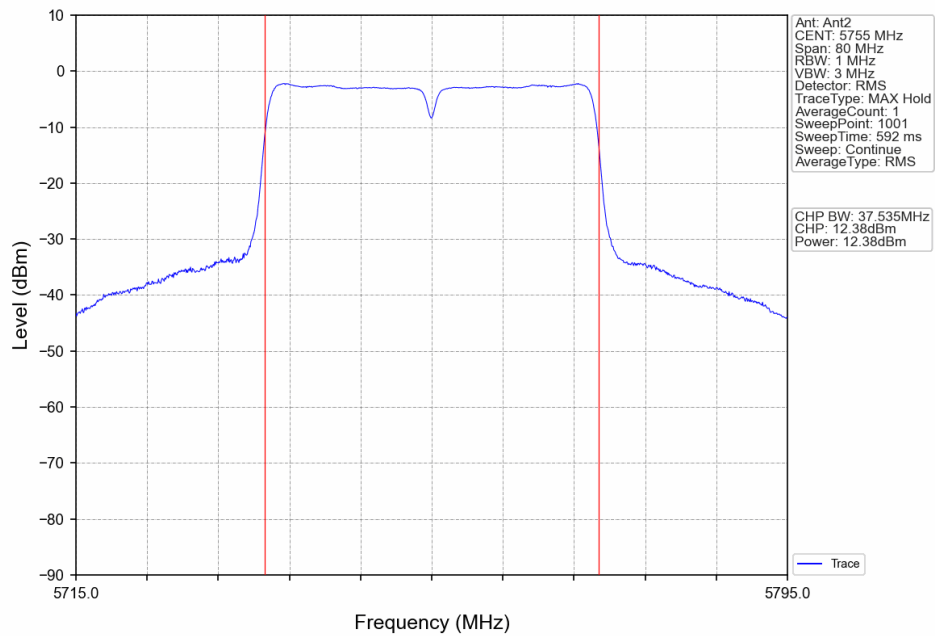




802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV

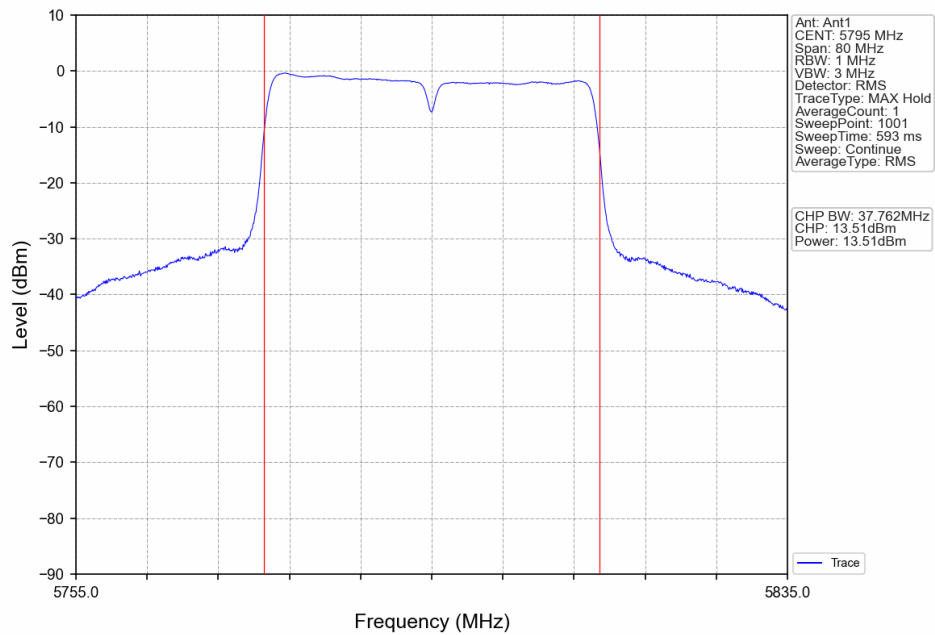


802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV

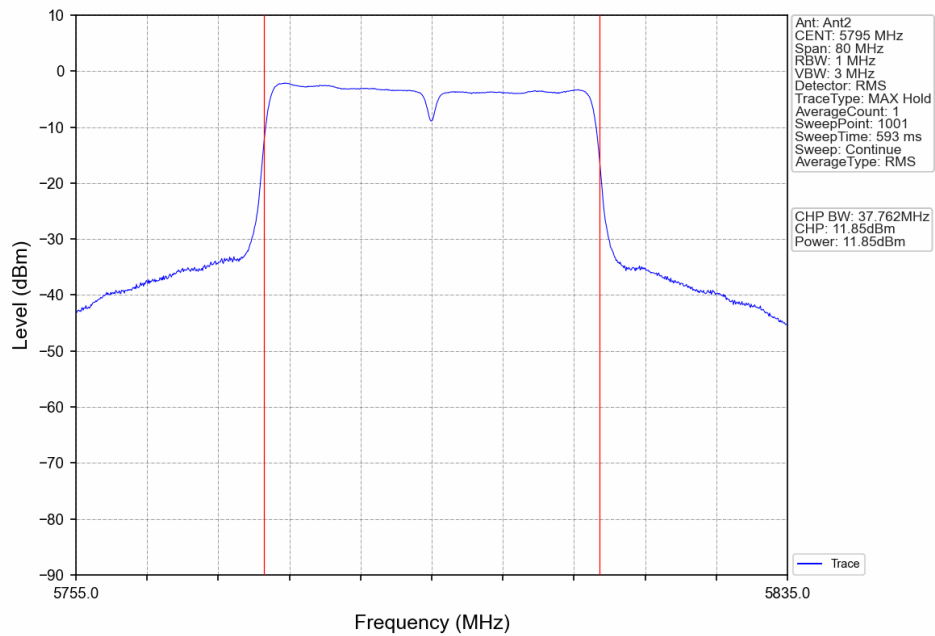




802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV

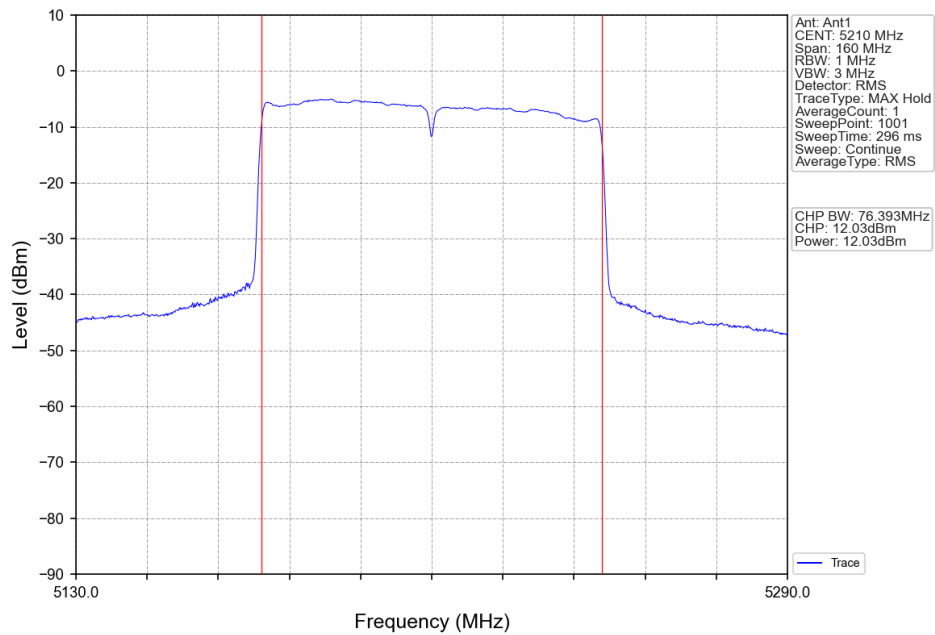


802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant2_NTNV

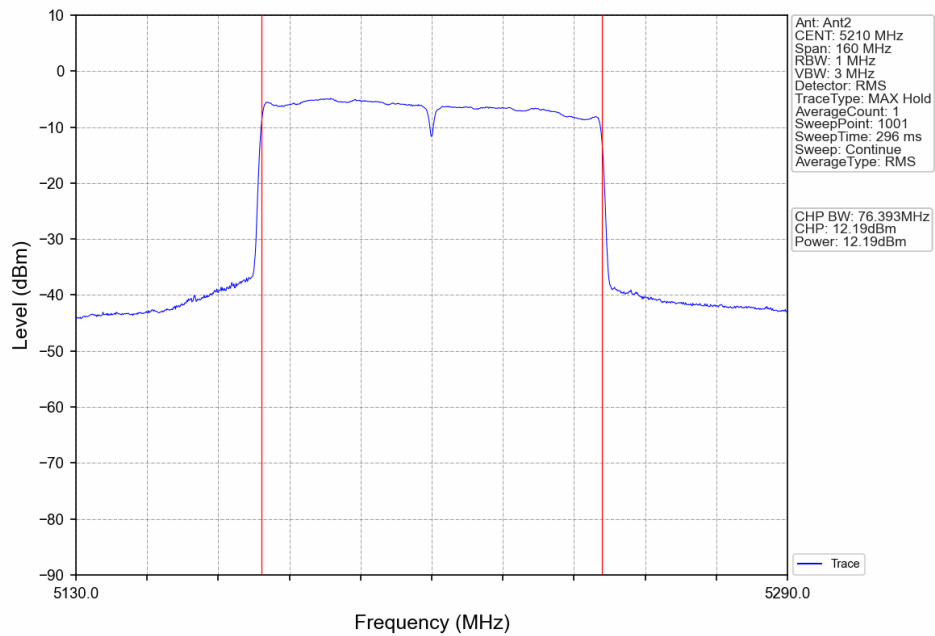




802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV

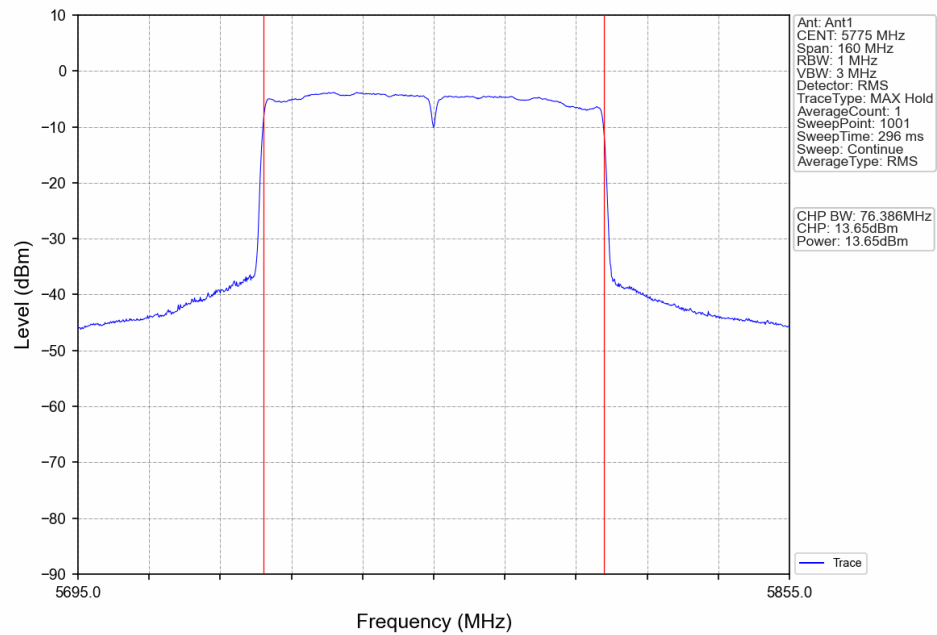


802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV

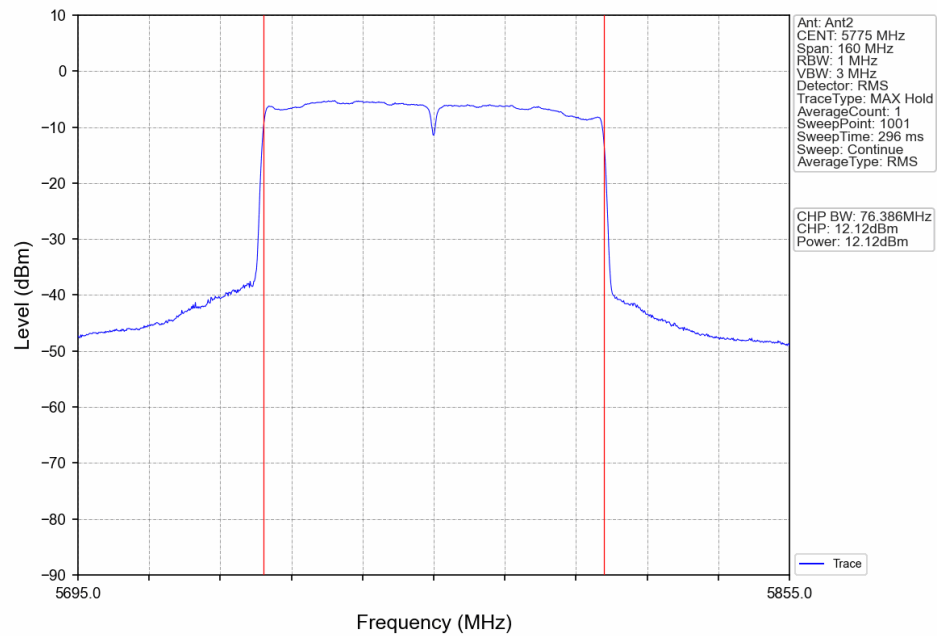




802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant2_NTNV





4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	1.60	-0.40	/	<=11	Pass
		5200	/	/	0.79	-0.73	/	<=11	Pass
		5240	/	/	1.18	-0.93	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	1.53	-0.30	/	<=11	Pass
		5200	/	/	1.15	-0.88	/	<=11	Pass
		5240	/	/	0.87	-0.78	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-1.86	-2.39	/	<=11	Pass
		5230	/	/	-2.15	-2.77	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	1.55	1.56	4.40	<=11	Pass
		5200	/	/	1.11	1.07	4.09	<=11	Pass
		5240	/	/	0.99	1.03	3.83	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	-0.63	-0.64	2.24	<=11	Pass
		5230	/	/	-1.43	-1.35	1.62	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	1.30	-0.43	/	<=11	Pass
		5200	/	/	0.94	-0.78	/	<=11	Pass
		5240	/	/	1.12	-0.90	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-1.73	-2.47	/	<=11	Pass
		5230	/	/	-2.02	-2.82	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-4.79	-5.98	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0.26	-0.67	2.82	<=11	Pass
		5200	/	/	0.34	-0.85	2.72	<=11	Pass
		5240	/	/	-0.12	-0.97	2.35	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-1.57	-2.49	0.96	<=11	Pass
		5230	/	/	-2.13	-2.84	0.45	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.78	-5.75	-2.38	<=11	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	-6.31	-5.55	/	<=11	Pass
		5200	RU242	Left	-6.57	-5.82	/	<=11	Pass
		5240	RU242	Left	-6.20	-6.11	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-8.64	-8.10	/	<=11	Pass
		5230	RU484	Left	-9.12	-9.18	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-4.87	-4.99	/	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	-0.09	0.42	3.17	<=11	Pass
		5200	RU242	Left	-0.32	0.51	3.09	<=11	Pass
		5240	RU242	Left	-0.37	-0.30	2.64	<=11	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-1.91	-1.35	1.38	<=11	Pass
		5230	RU484	Left	-2.23	-1.97	0.91	<=11	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-4.99	-4.90	-1.96	<=11	Pass

Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 3.00dBi;

4.1.2 PSD-Band3

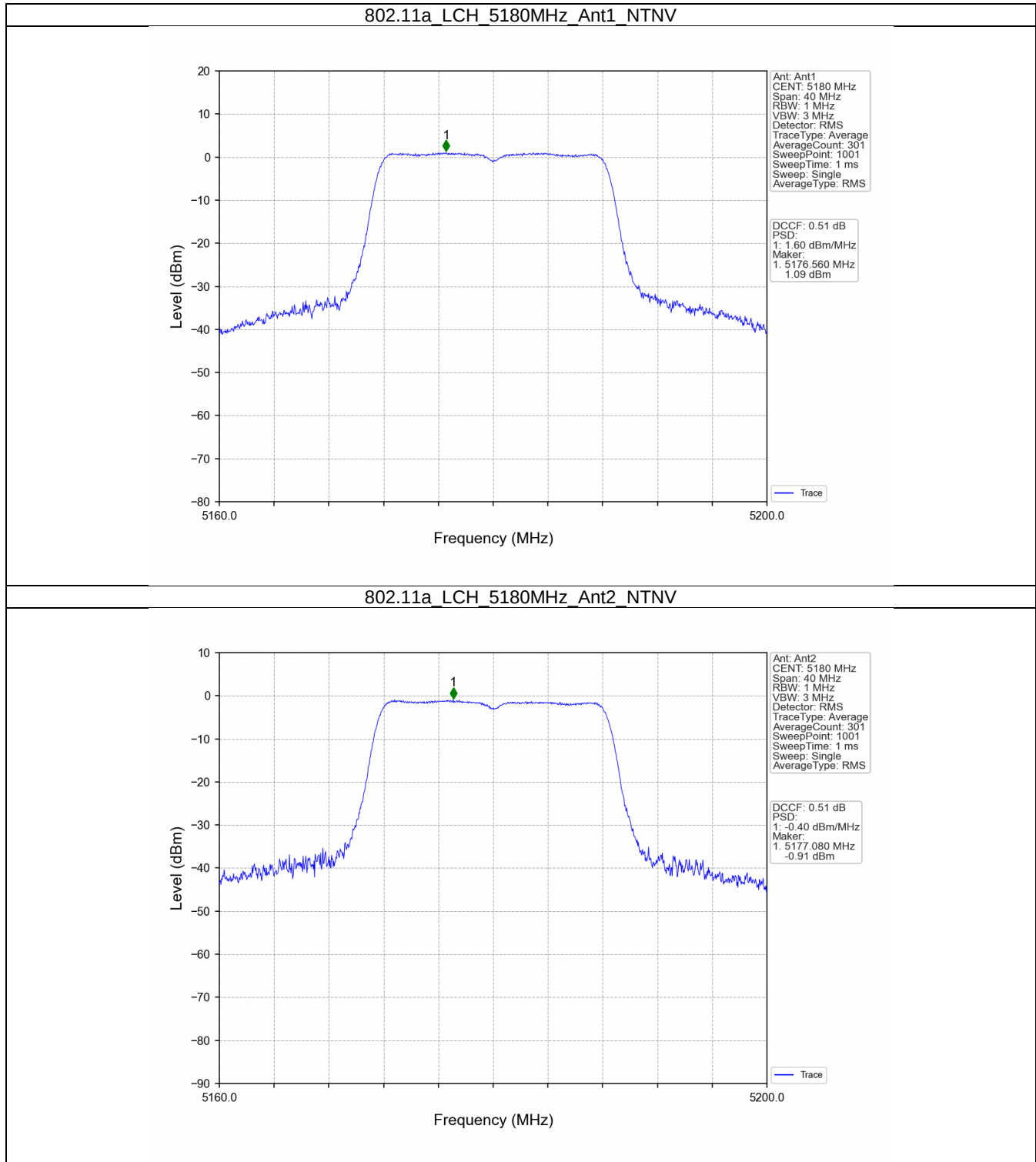


Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-2.41	-1.82	/	<=30	Pass
		5785	/	/	-2.73	-1.64	/	<=30	Pass
		5825	/	/	-4.03	-3.23	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-2.46	-1.58	/	<=30	Pass
		5785	/	/	-2.71	-1.72	/	<=30	Pass
		5825	/	/	-4.24	-2.67	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-5.19	-4.14	/	<=30	Pass
		5795	/	/	-5.25	-4.03	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-2.27	0.22	2.04	<=30	Pass
		5785	/	/	-2.56	-0.03	1.72	<=30	Pass
		5825	/	/	-4.11	-1.49	0.24	<=30	Pass
802.11n (HT40)	MIMO	5755	/	/	-4.79	-2.63	-0.57	<=30	Pass
		5795	/	/	-4.72	-2.34	-0.38	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-2.65	-1.75	/	<=30	Pass
		5785	/	/	-2.87	-1.56	/	<=30	Pass
		5825	/	/	-4.76	-2.97	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-5.24	-3.96	/	<=30	Pass
		5795	/	/	-5.09	-3.64	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-8.05	-7.09	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-2.98	-1.89	0.50	<=30	Pass
		5785	/	/	-3.53	-1.83	0.31	<=30	Pass
		5825	/	/	-4.81	-2.90	-0.91	<=30	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-5.90	-4.15	-1.94	<=30	Pass
		5795	/	/	-5.53	-3.74	-1.69	<=30	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-8.75	-6.94	-4.74	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-1.41	-2.86	/	<=30	Pass
		5785	RU242	Left	-1.29	-3.03	/	<=30	Pass
		5825	RU242	Left	-2.60	-4.82	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-3.77	-5.18	/	<=30	Pass
		5795	RU484	Left	-3.17	-5.11	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-6.49	-8.13	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	-1.26	-2.60	1.09	<=30	Pass
		5785	RU242	Left	-1.27	-2.88	1.00	<=30	Pass
		5825	RU242	Left	-2.47	-4.83	-0.51	<=30	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-3.82	-4.99	-1.37	<=30	Pass
		5795	RU484	Left	-3.14	-4.88	-0.98	<=30	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-6.23	-7.79	-3.98	<=30	Pass
Note1: Antenna Gain: Ant1: 2.84dBi; Ant2: 2.84dBi; Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)									



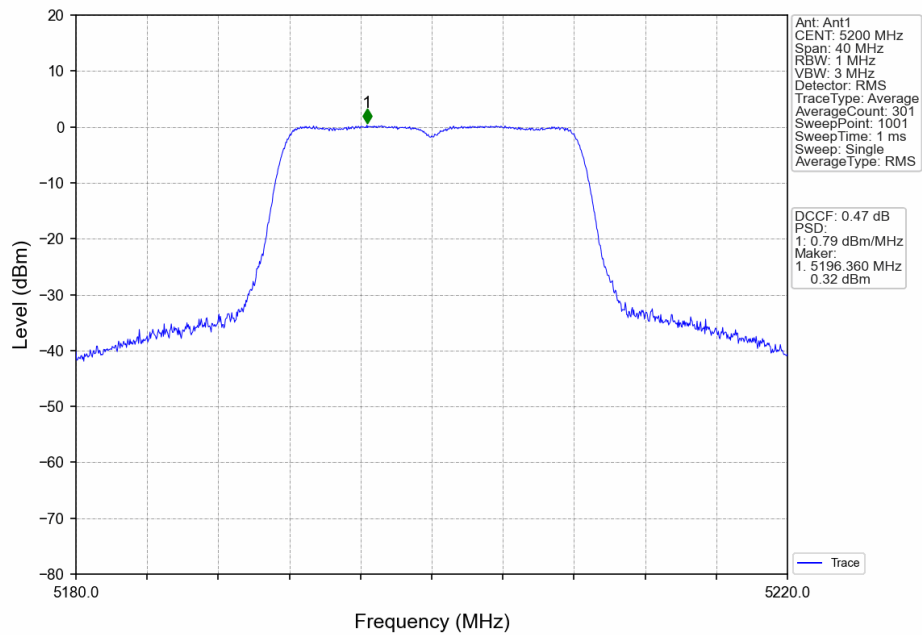
4.2 Test Graph

4.2.1 PSD

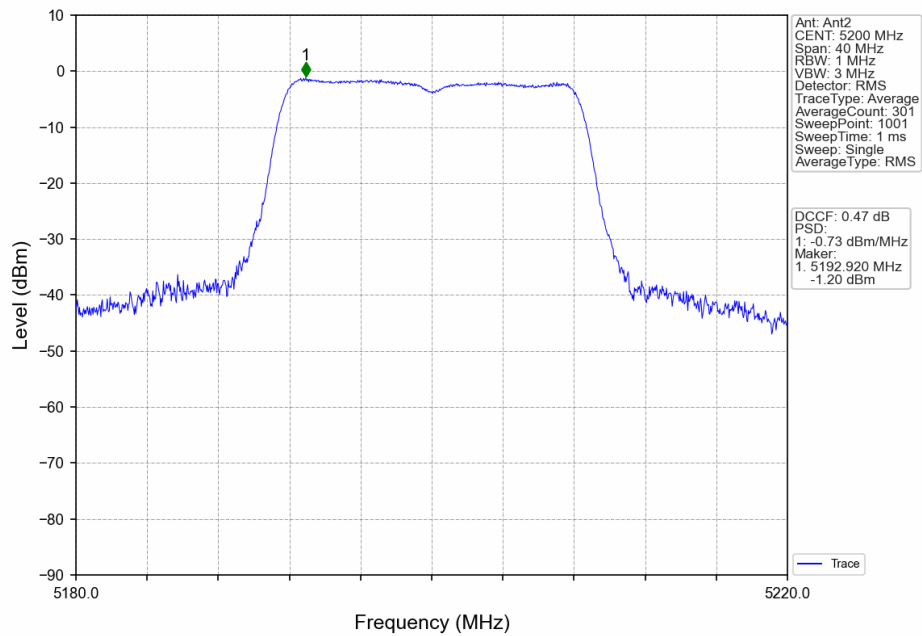




802.11a_MCH_5200MHz_Ant1_NTNV

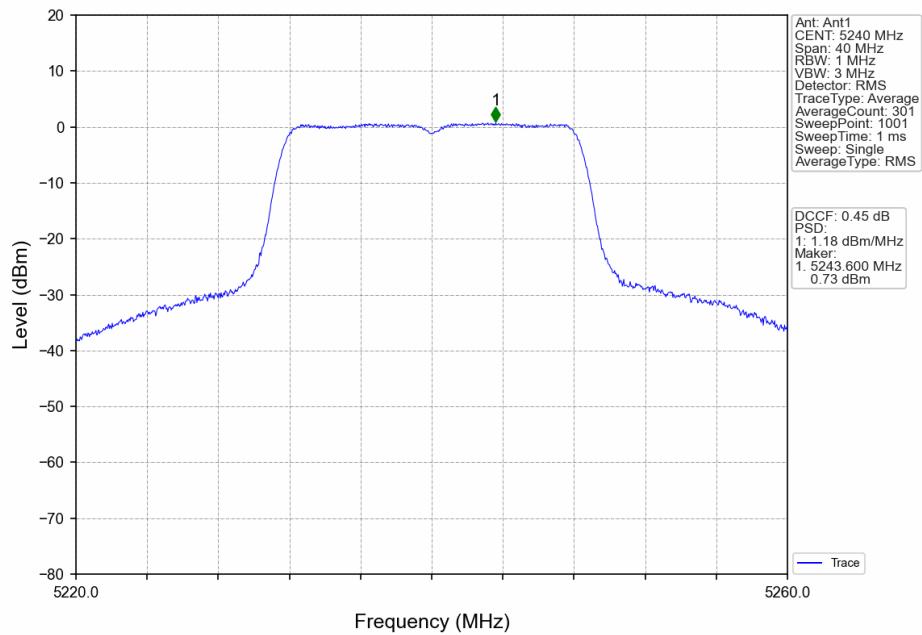


802.11a_MCH_5200MHz_Ant2_NTNV

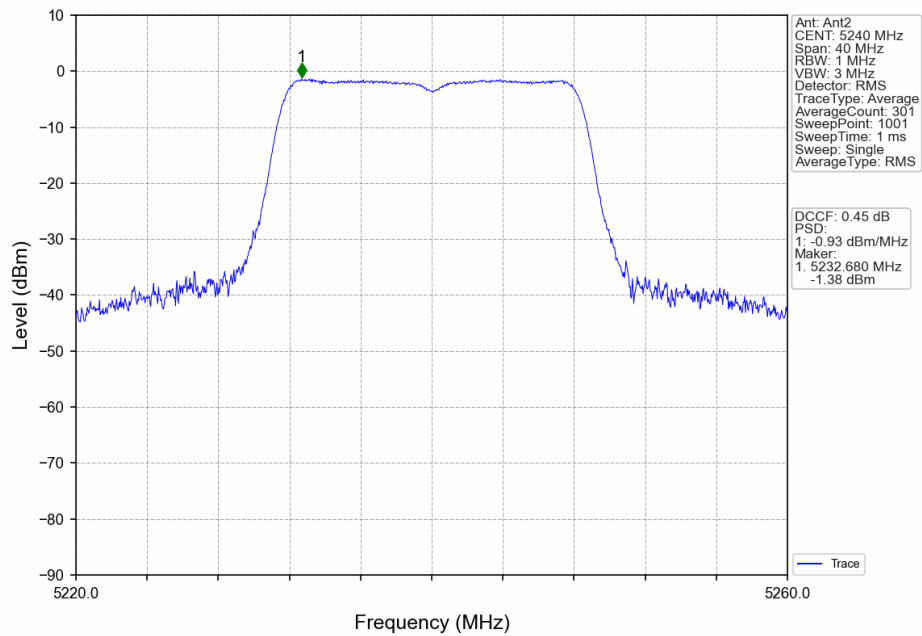




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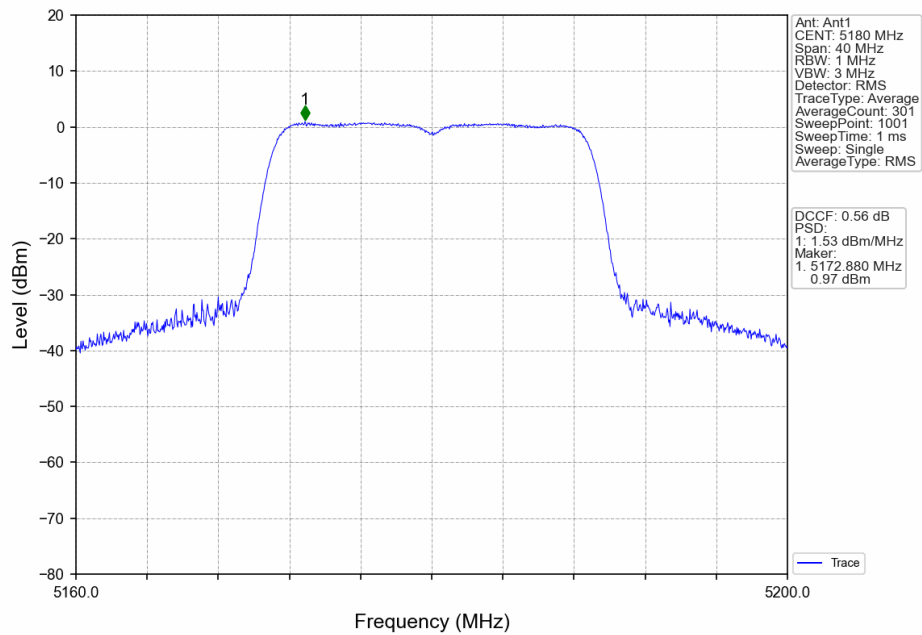


802.11a_HCH_5240MHz_Ant2_NTNV





802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

