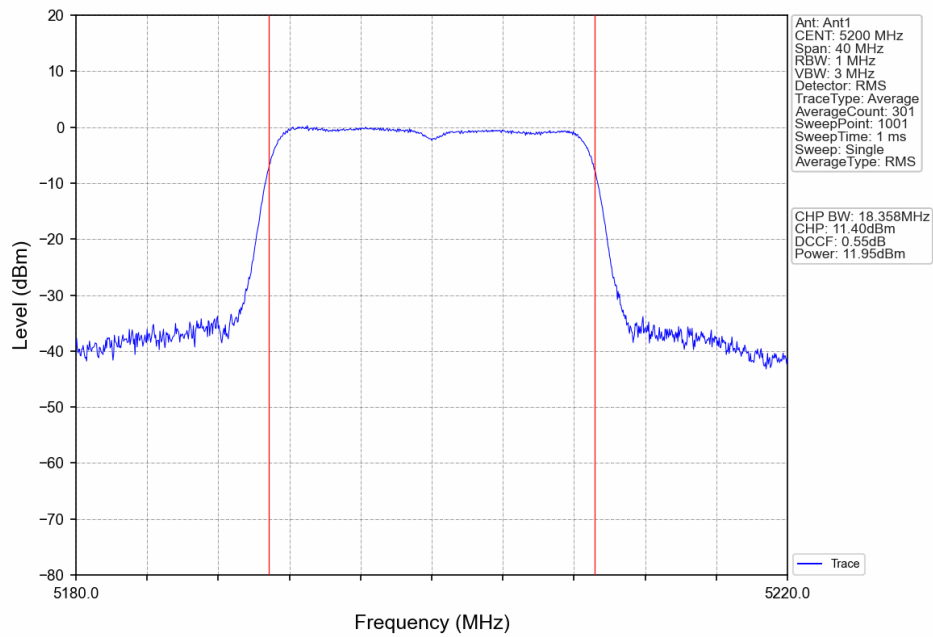
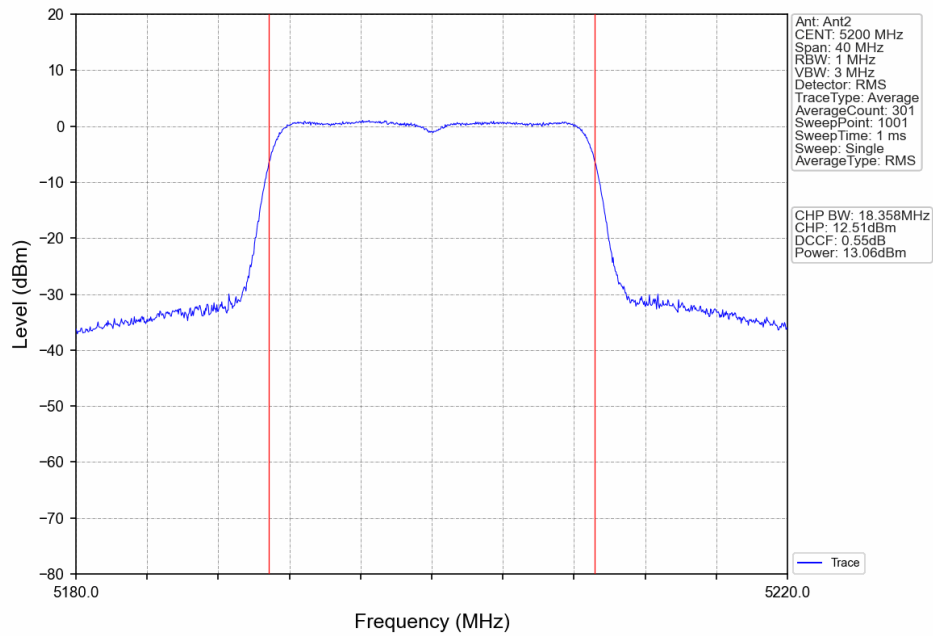


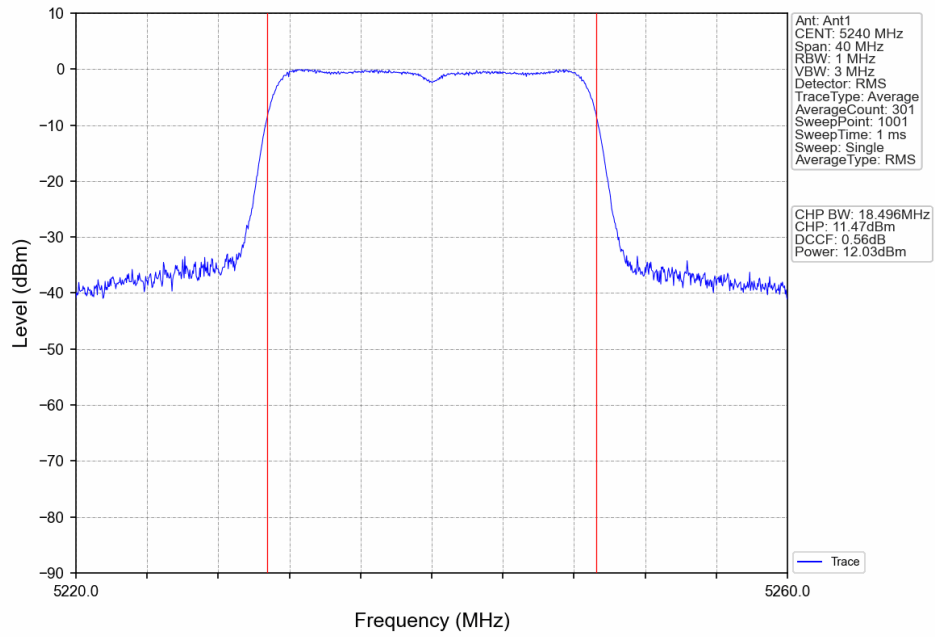
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



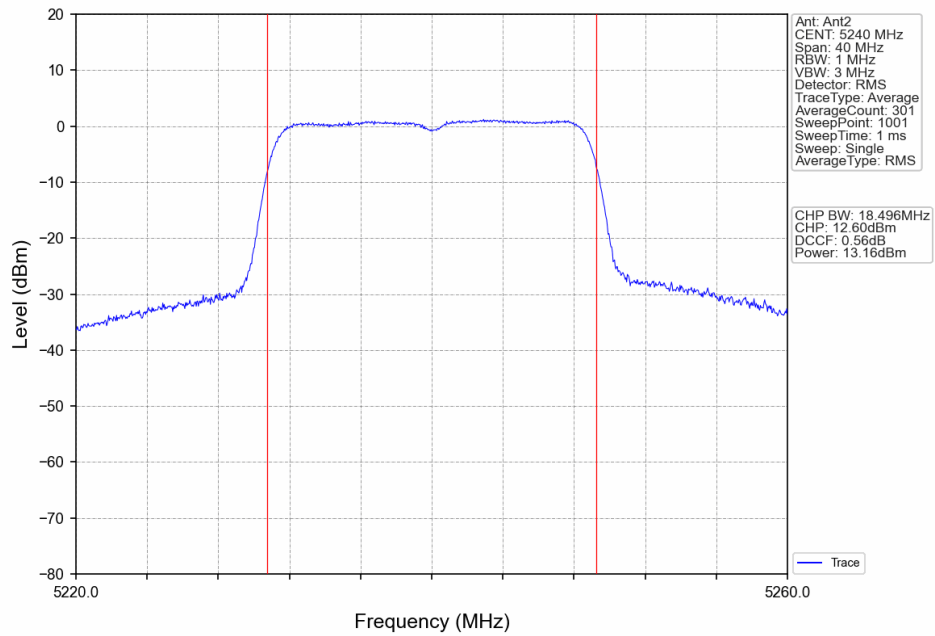
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant2_NTNV



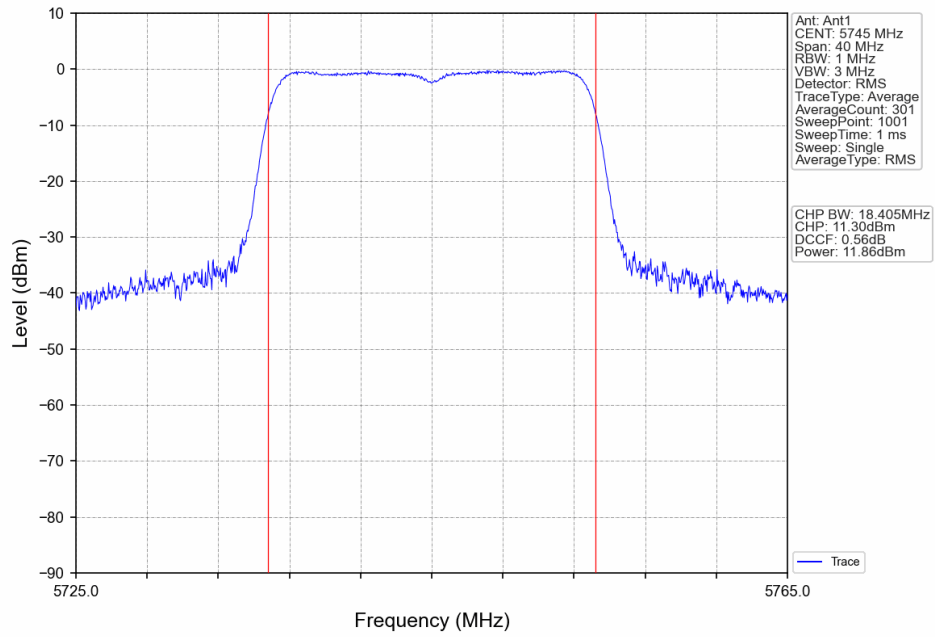
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



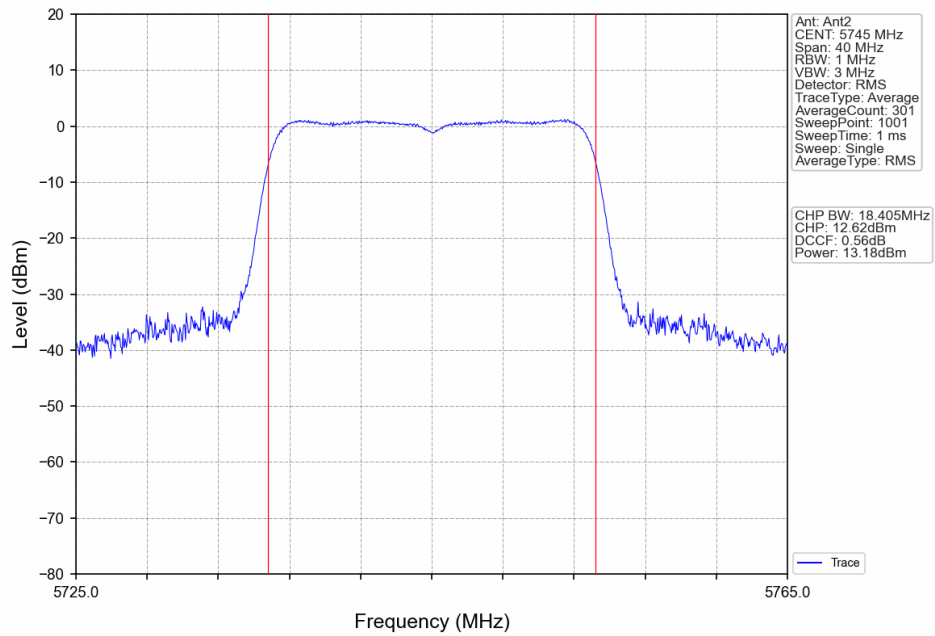
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV



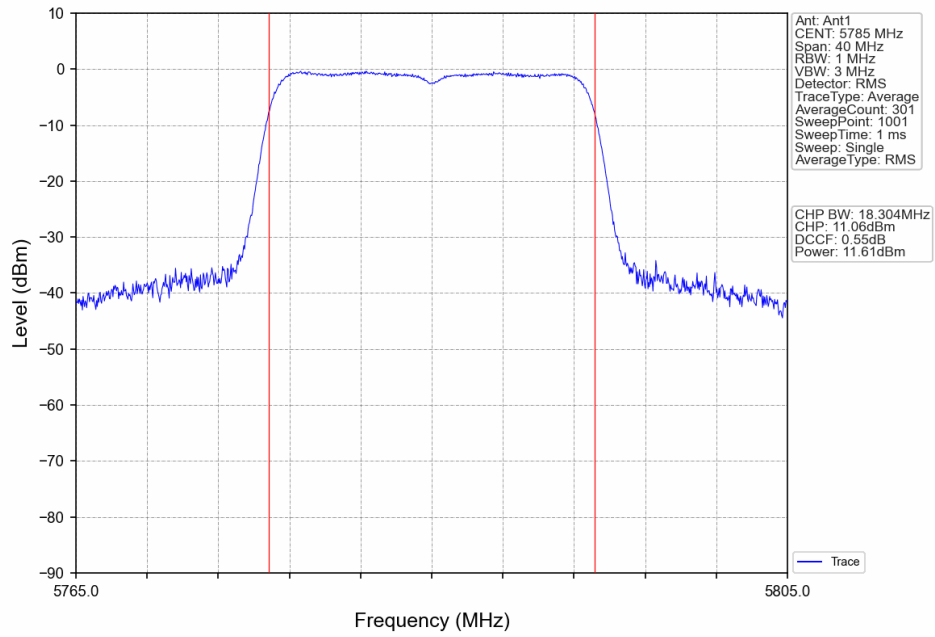
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



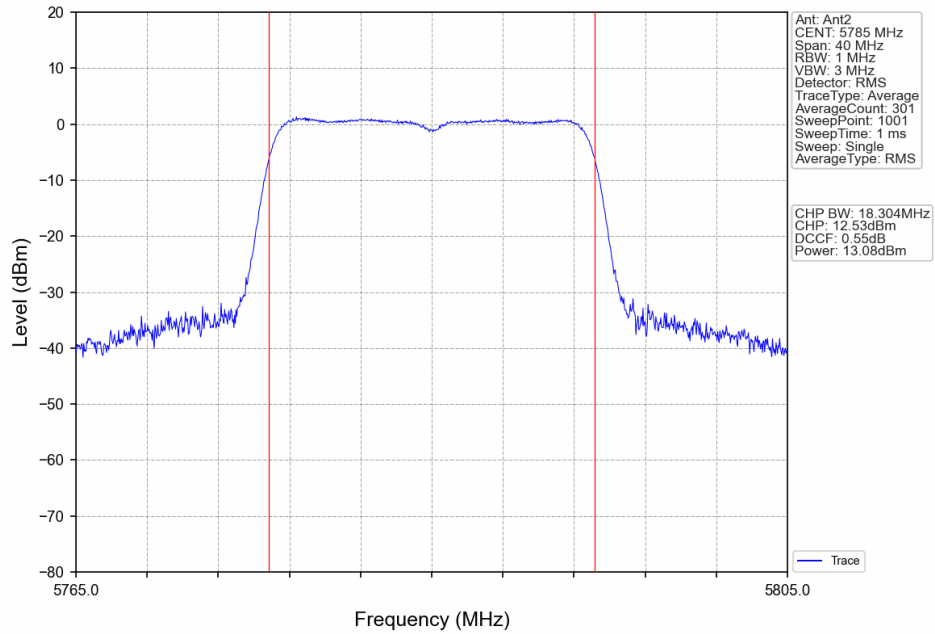
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV



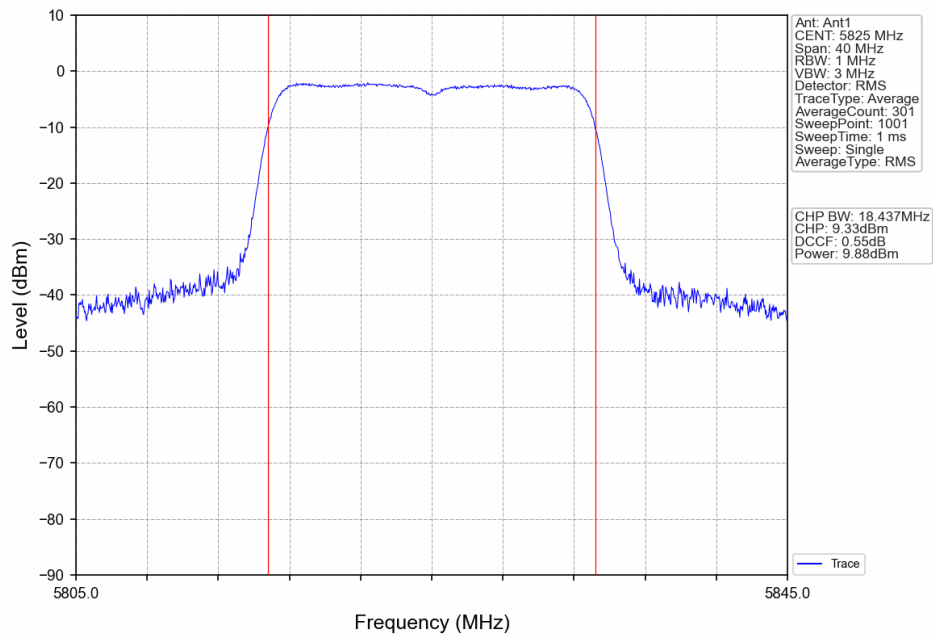
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



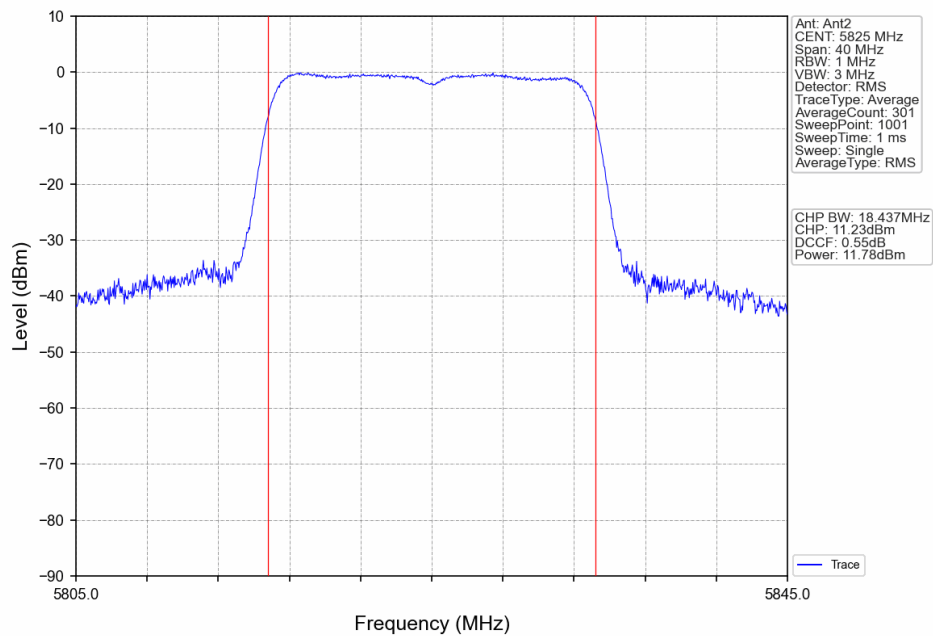
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant2_NTNV



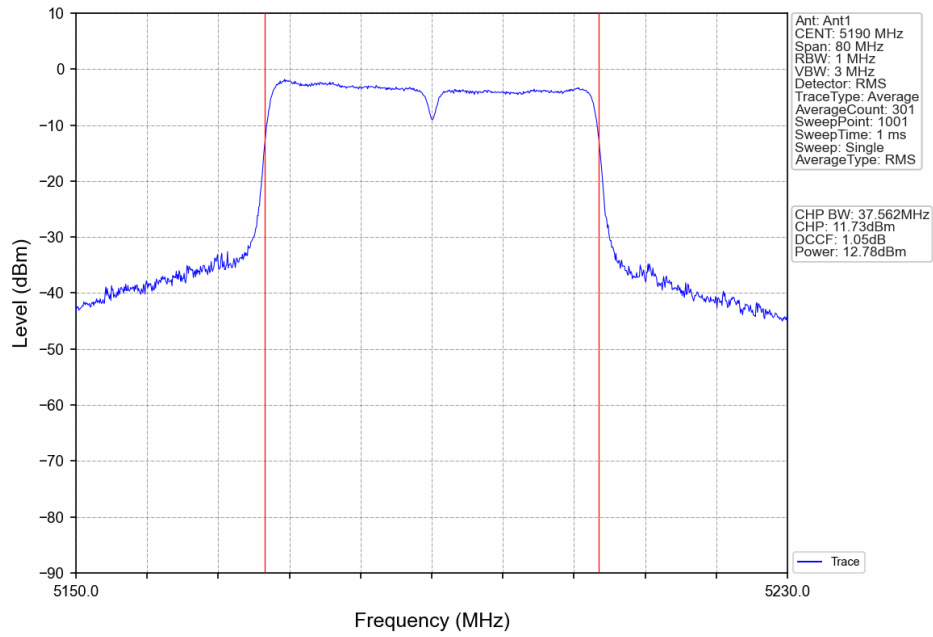
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



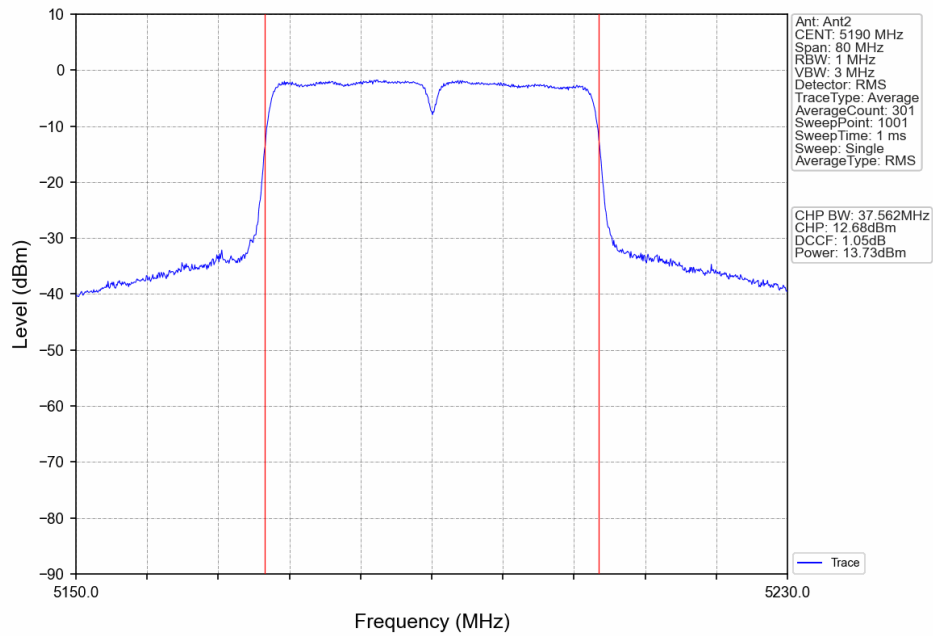
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant2_NTNV



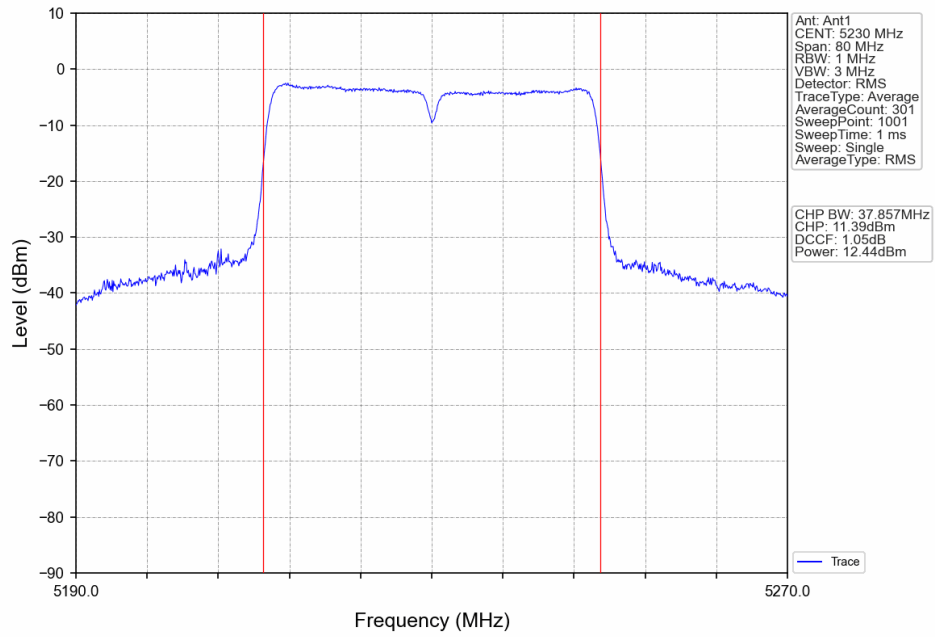
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



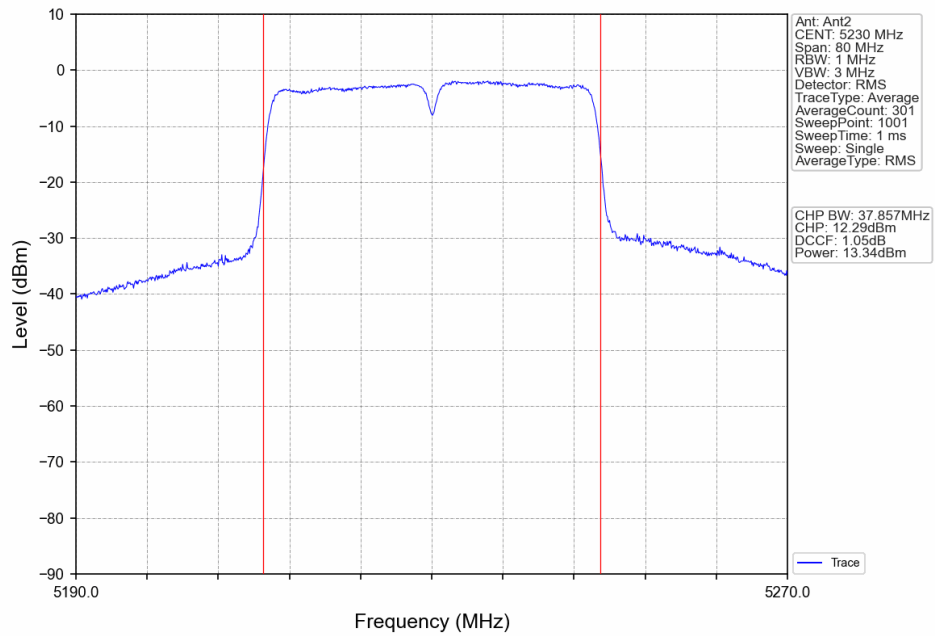
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV



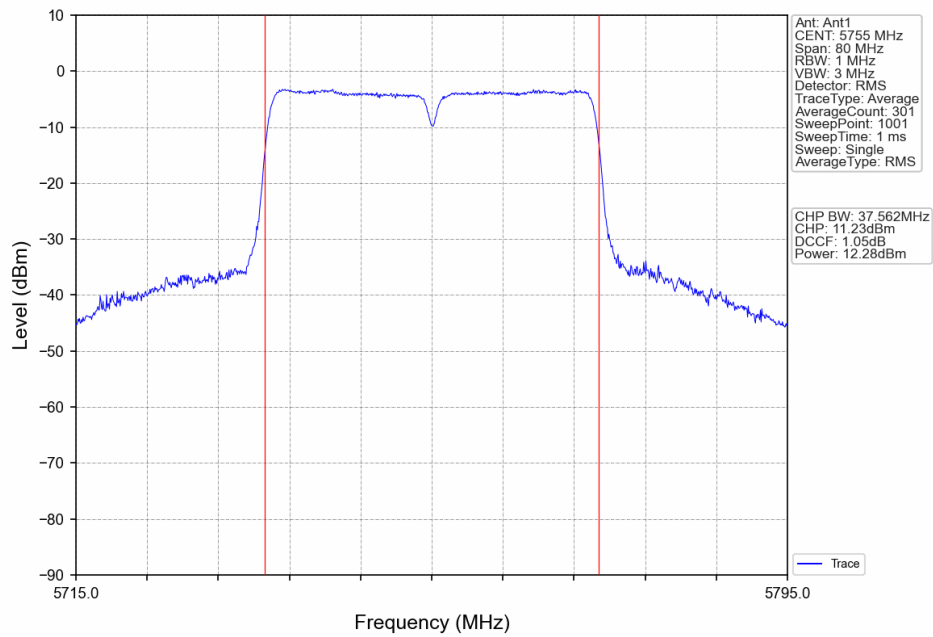
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



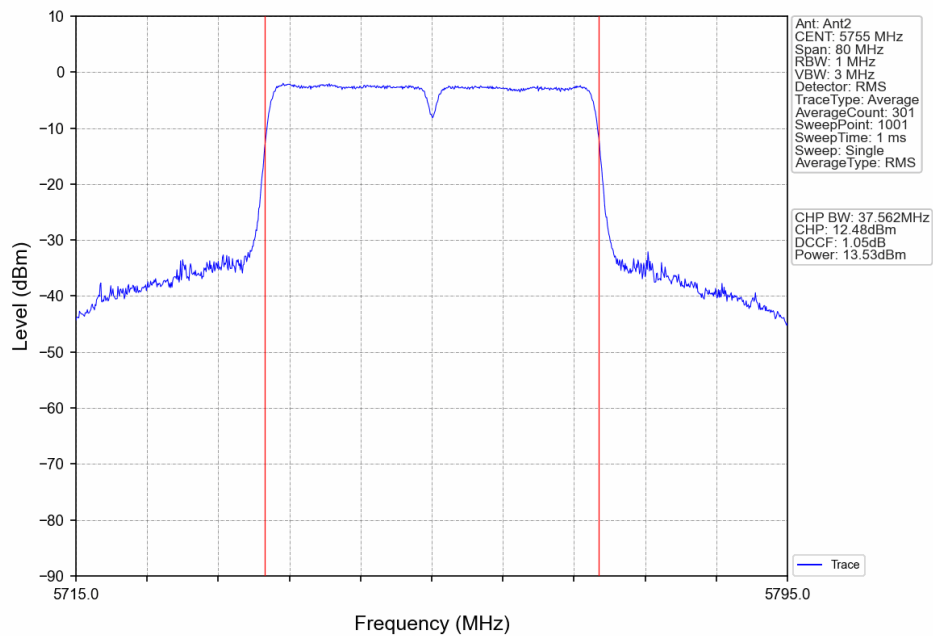
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV



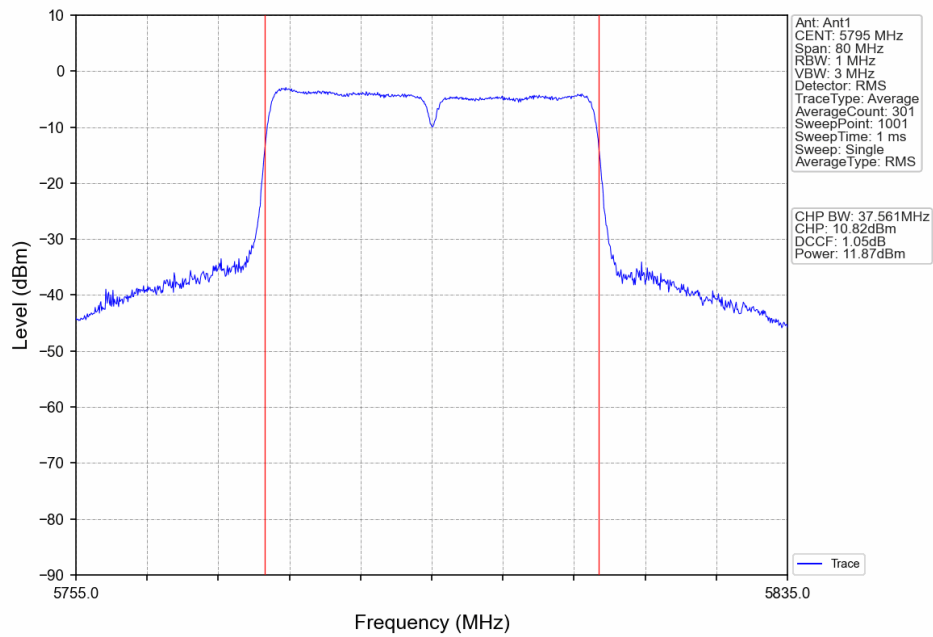
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



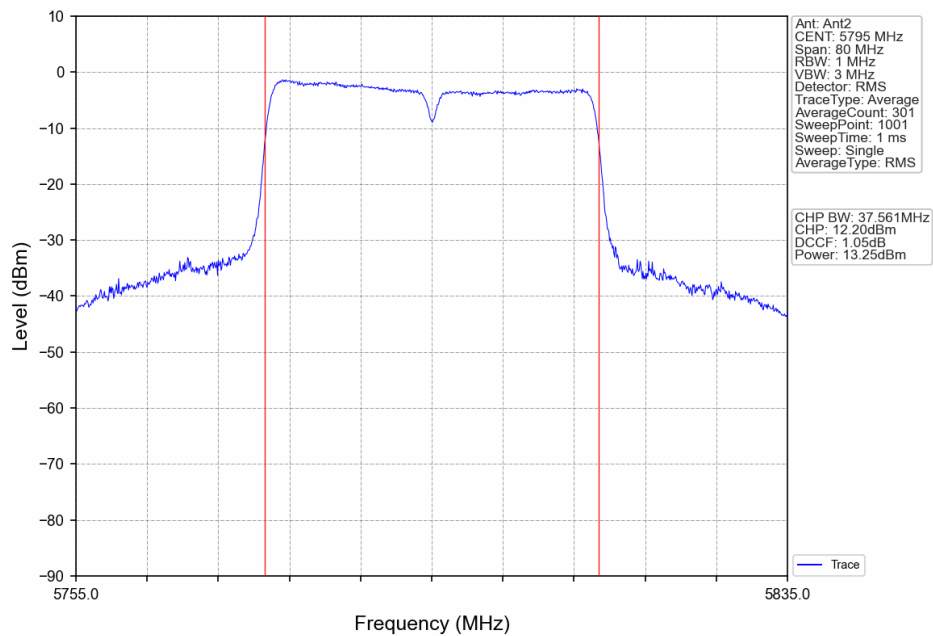
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV



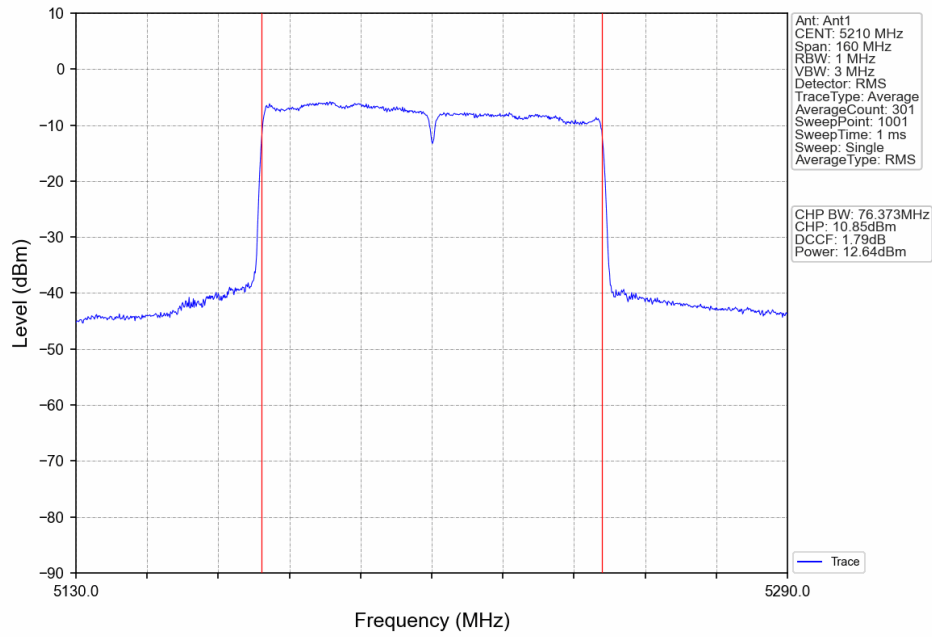
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



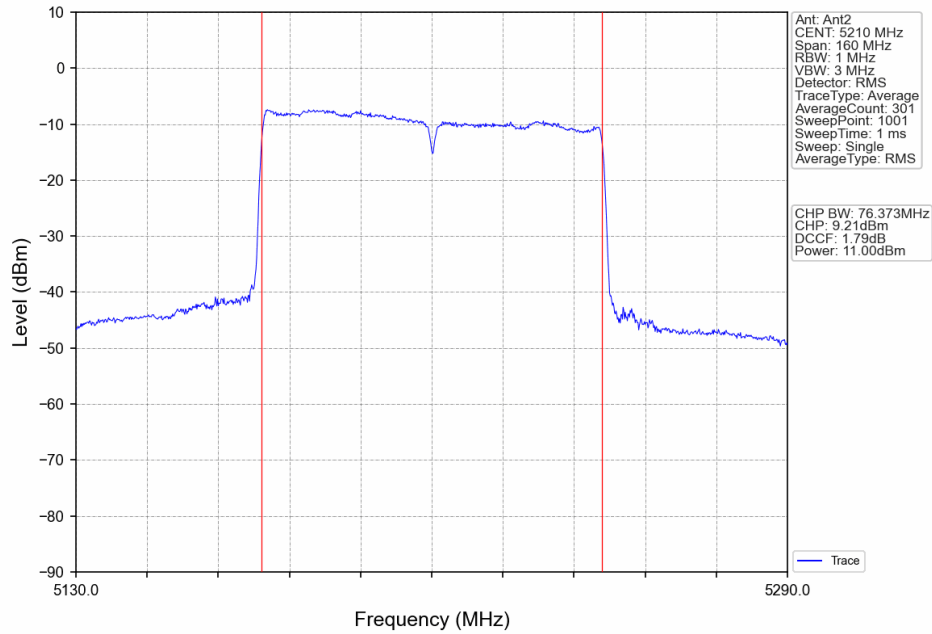
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant2_NTNV



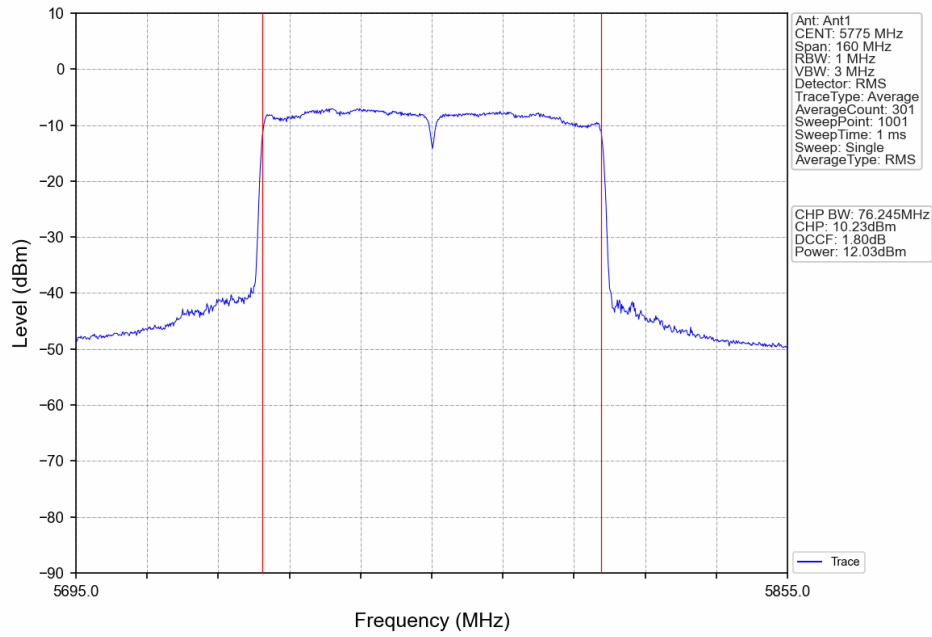
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



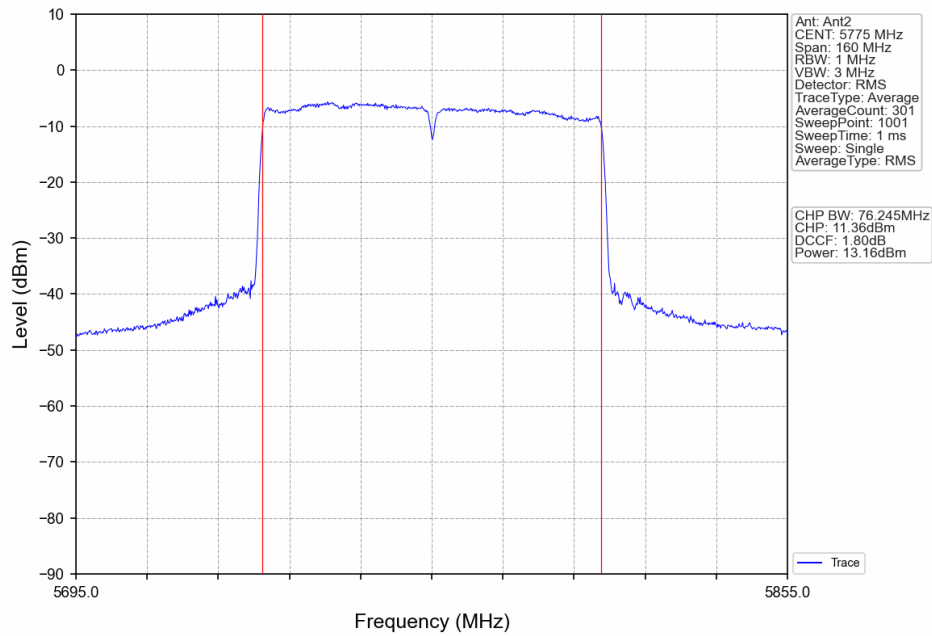
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV



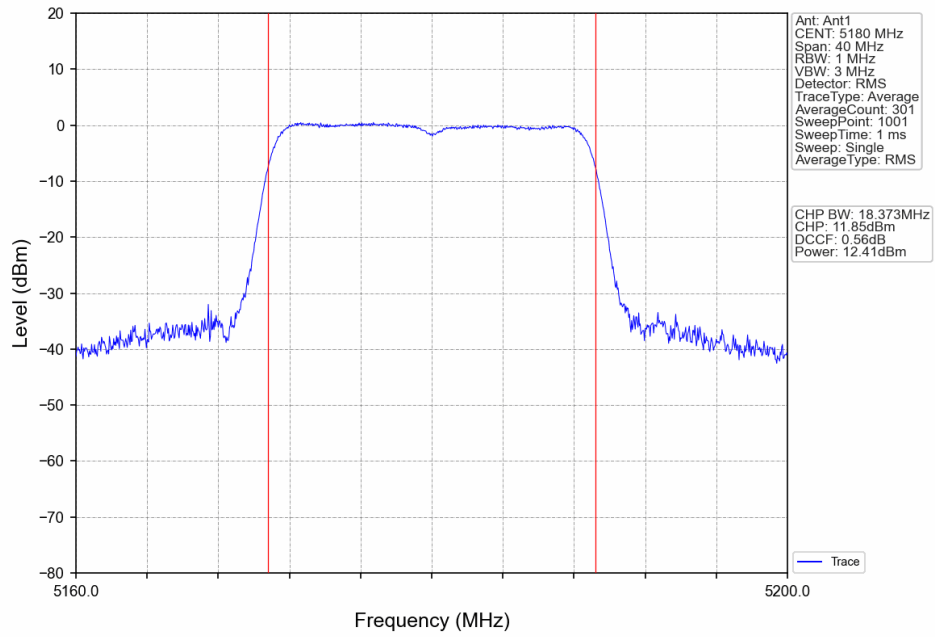
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



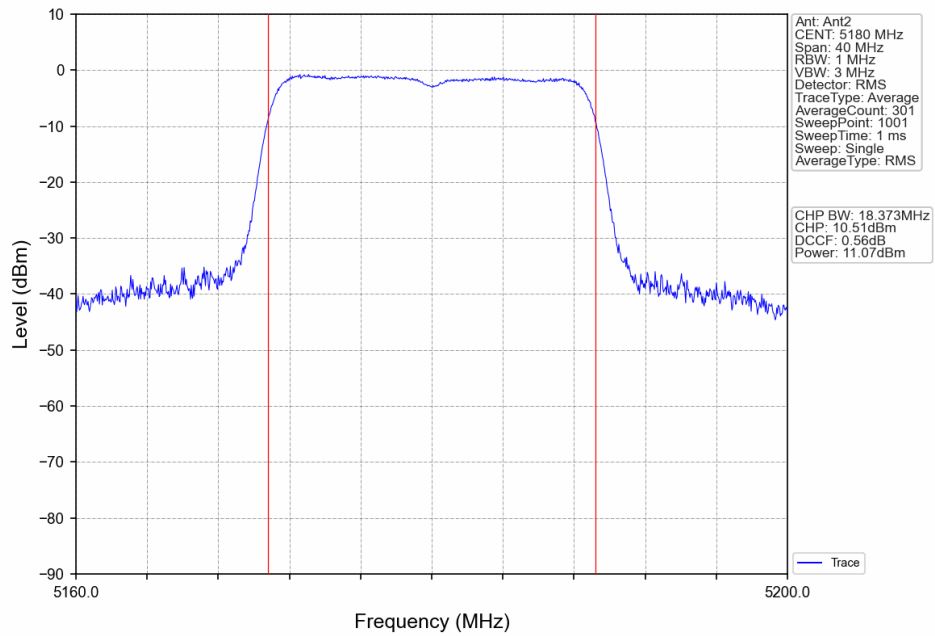
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant2_NTNV



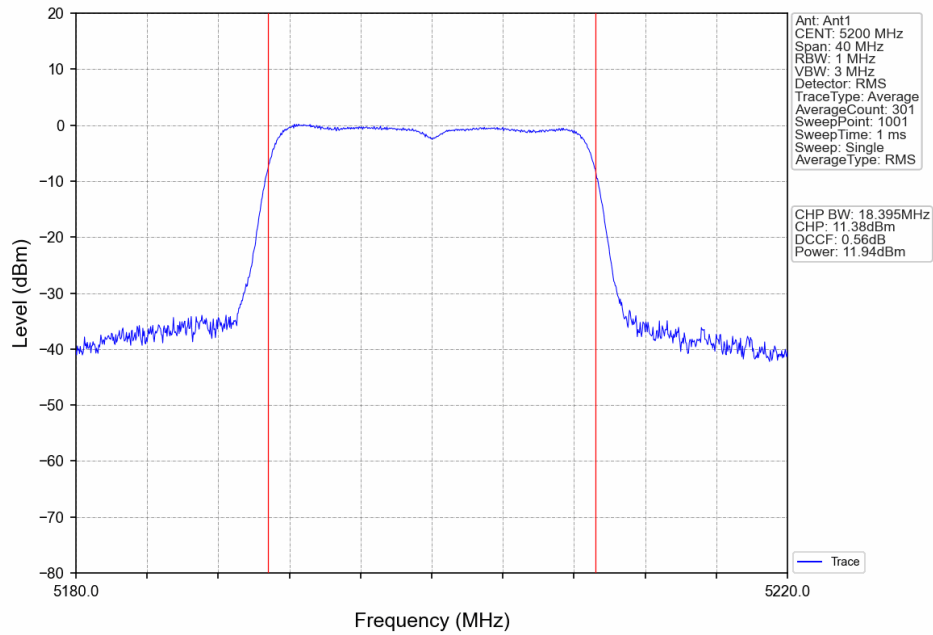
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



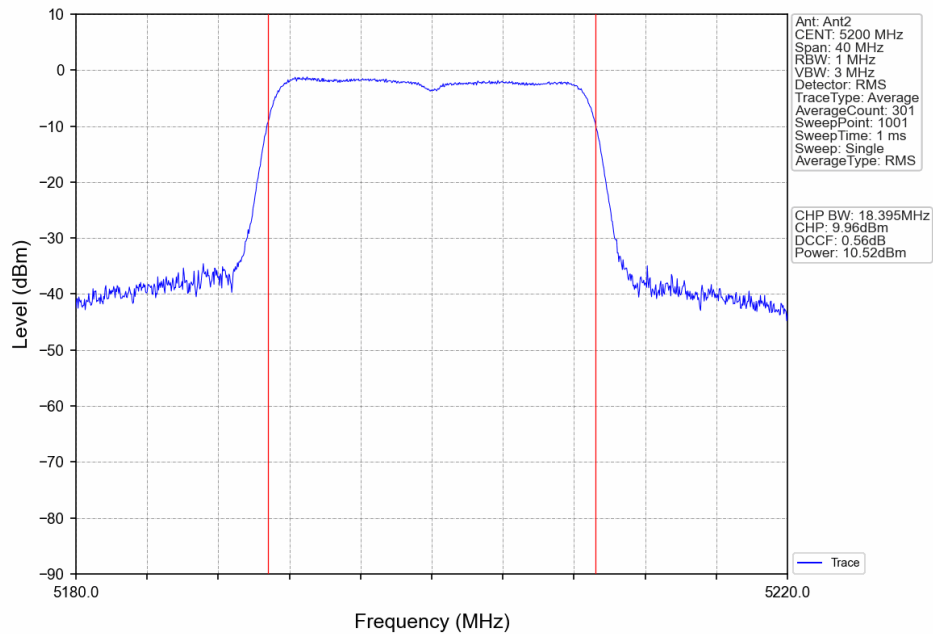
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV



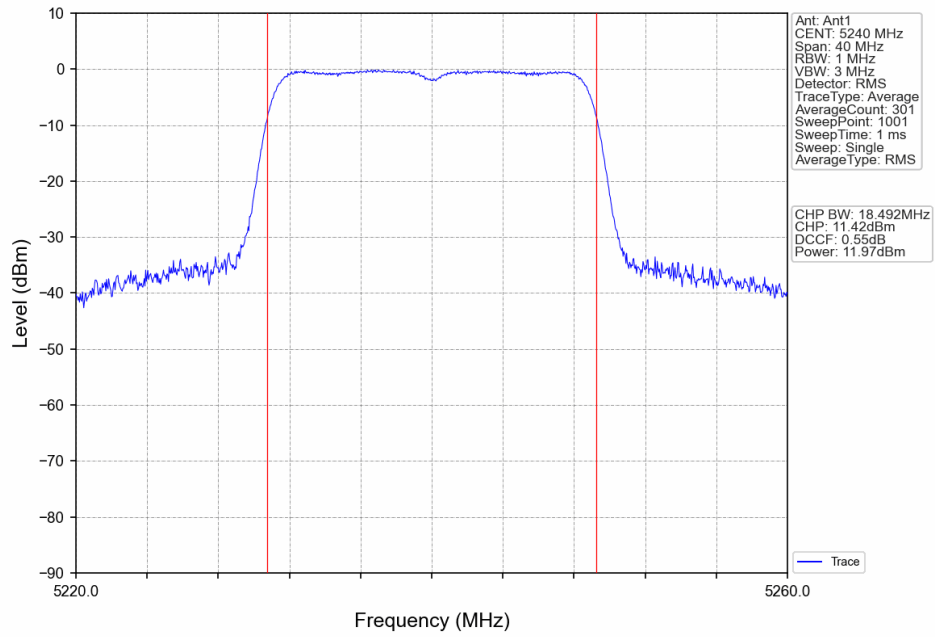
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



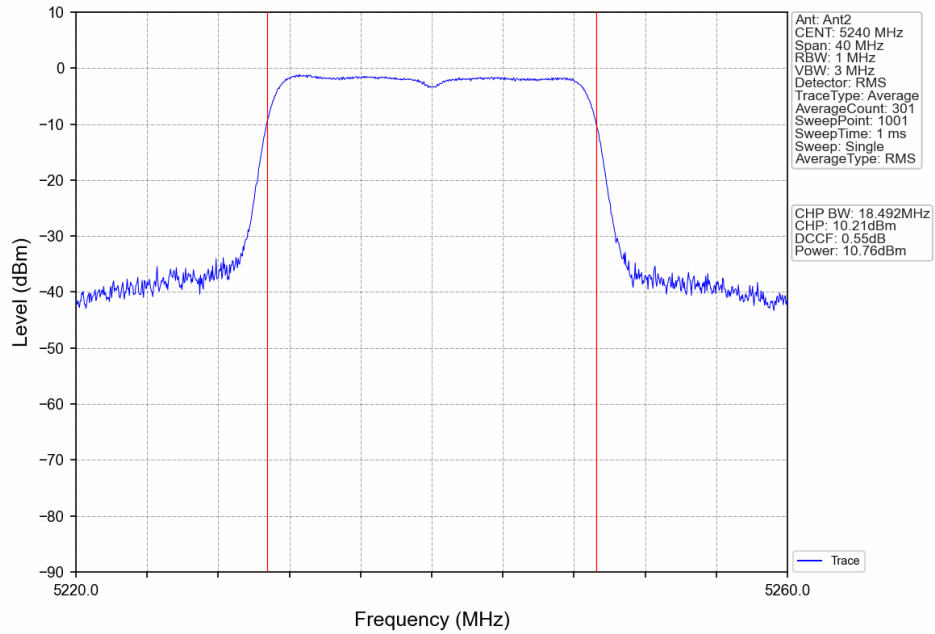
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant2_NTNV



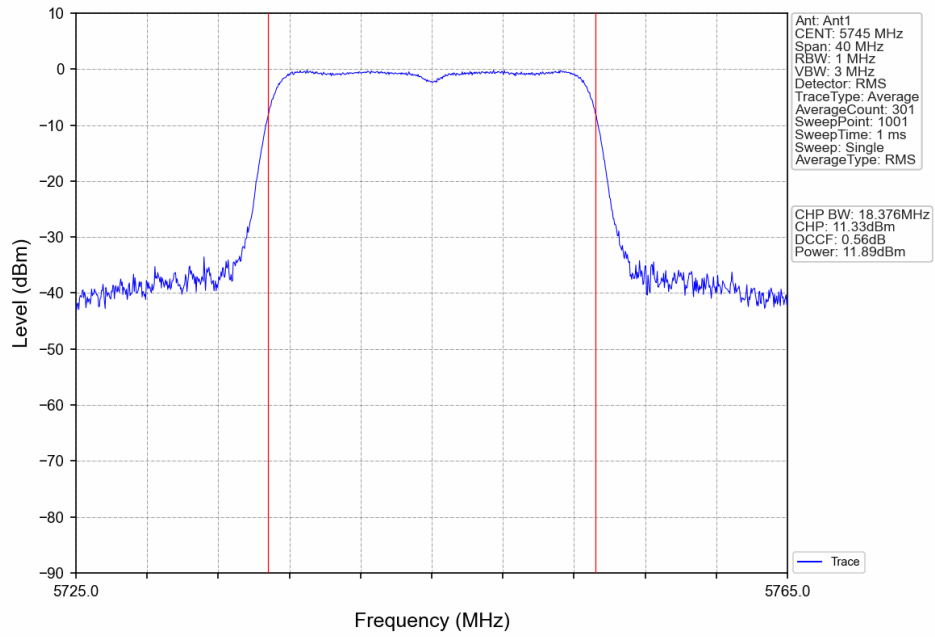
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



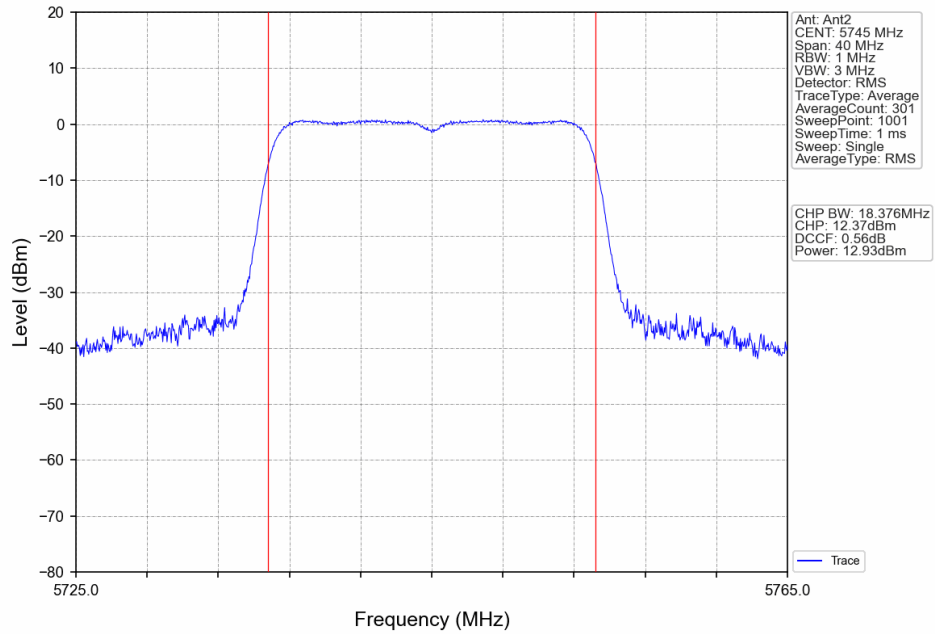
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant2_NTNV



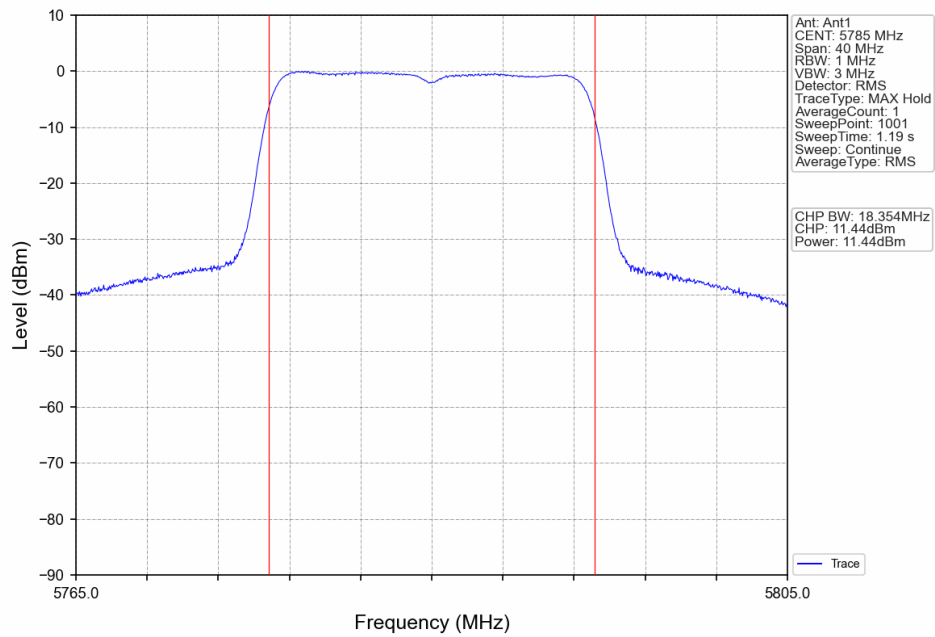
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



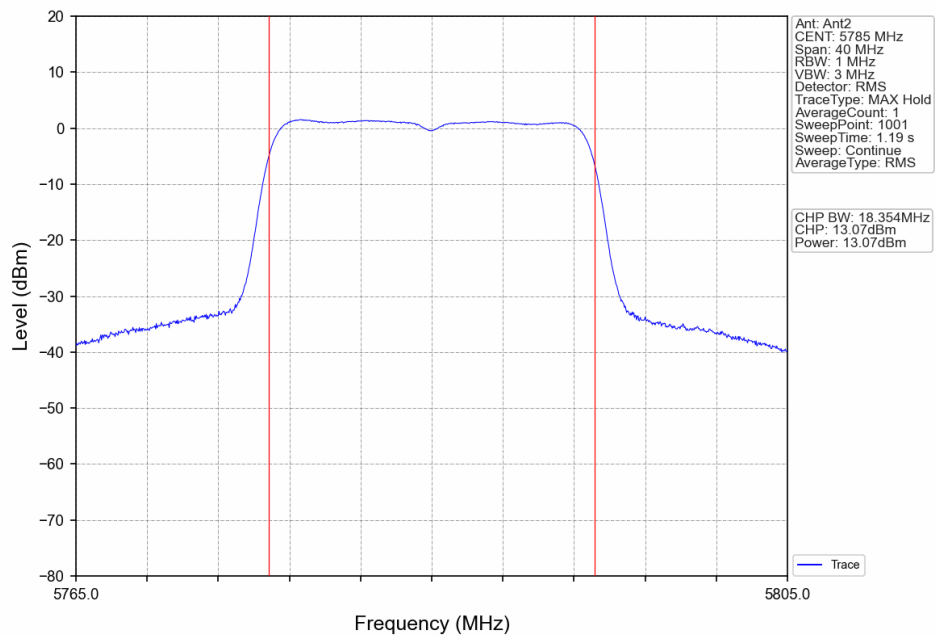
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV



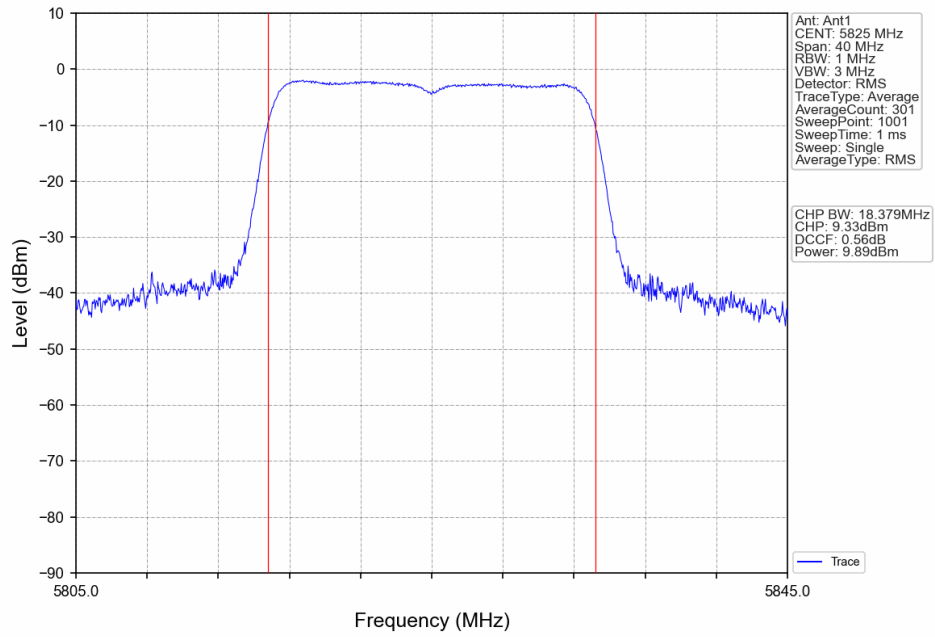
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



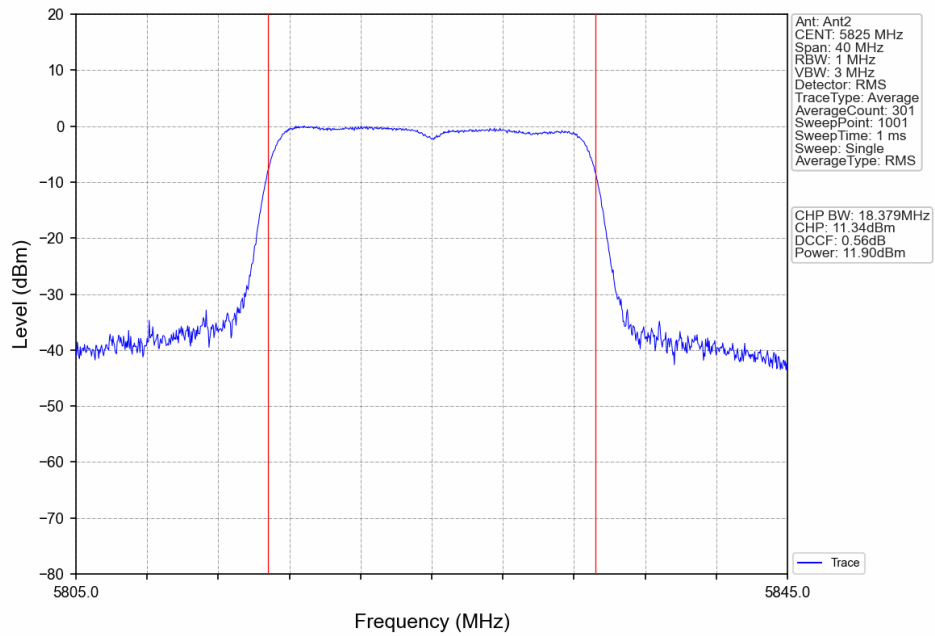
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant2_NTNV



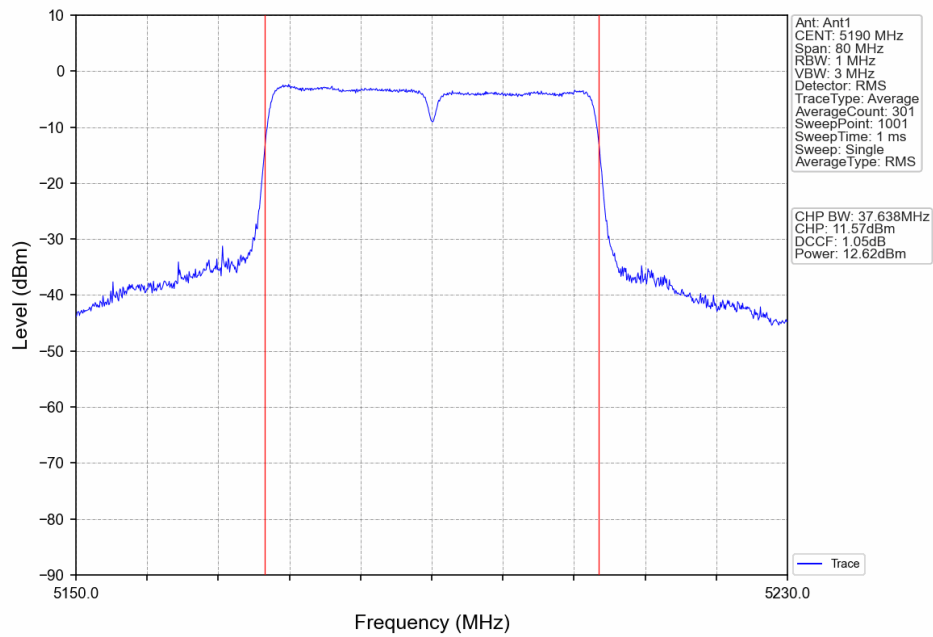
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



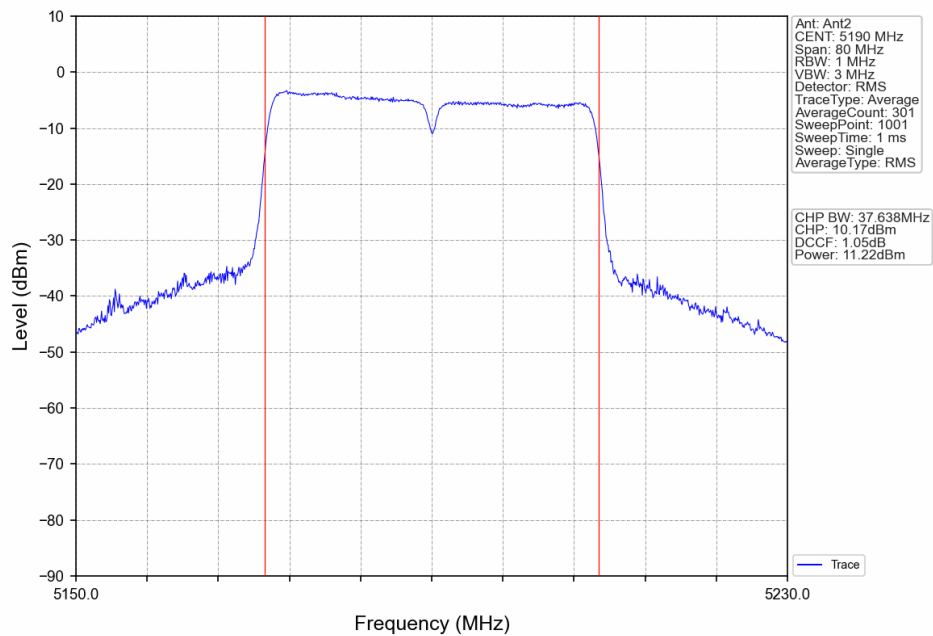
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant2_NTNV



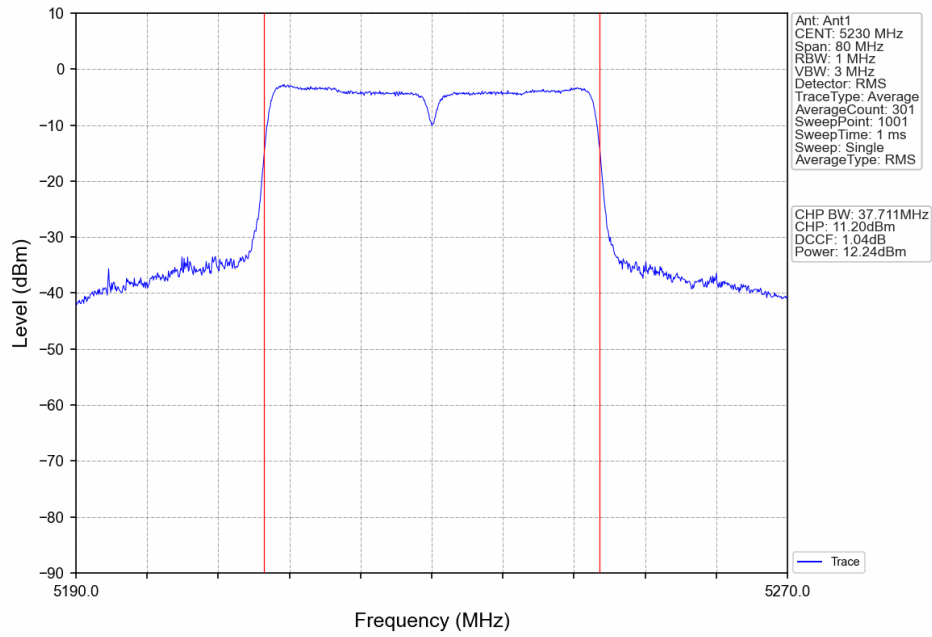
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



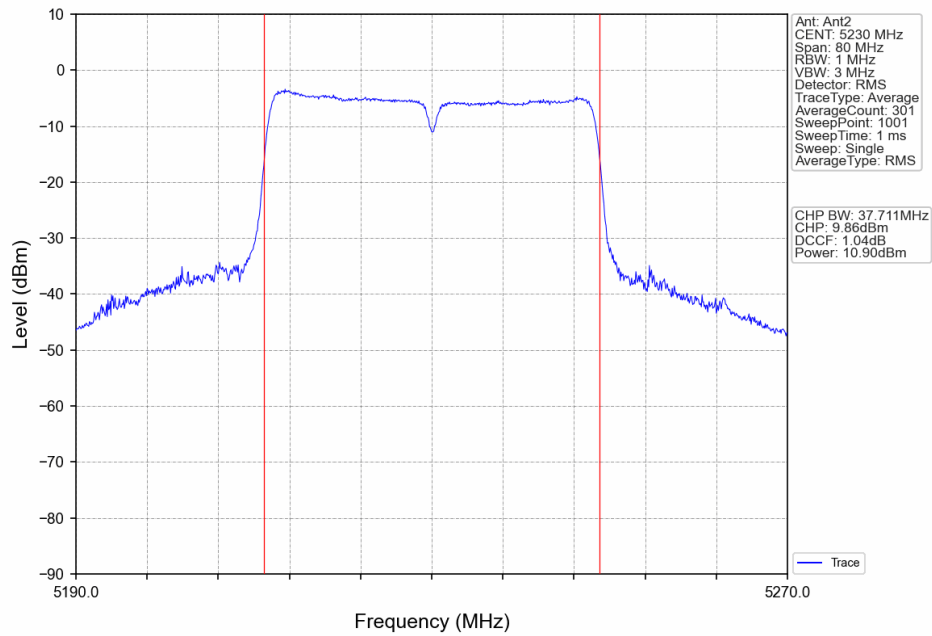
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV



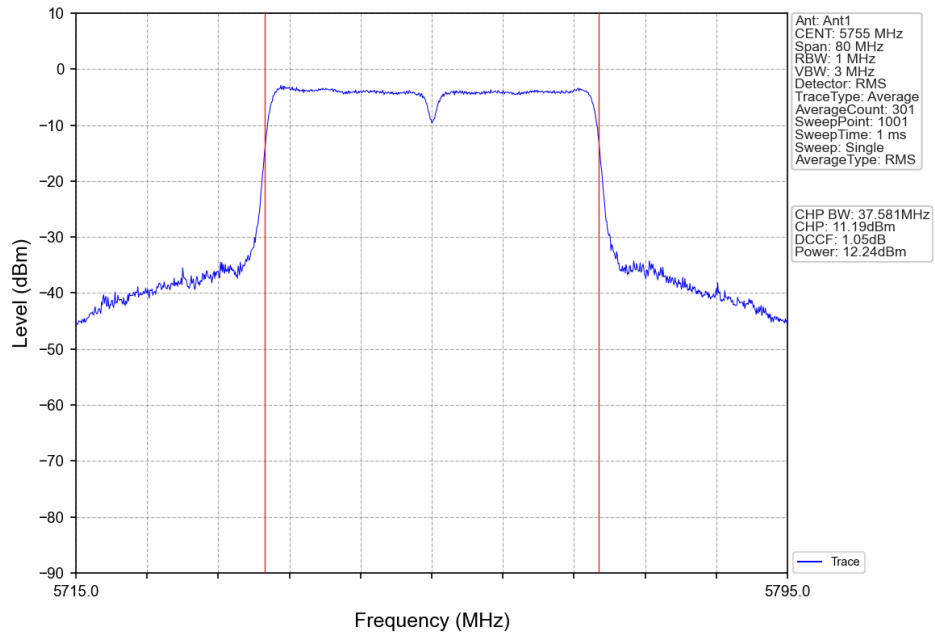
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



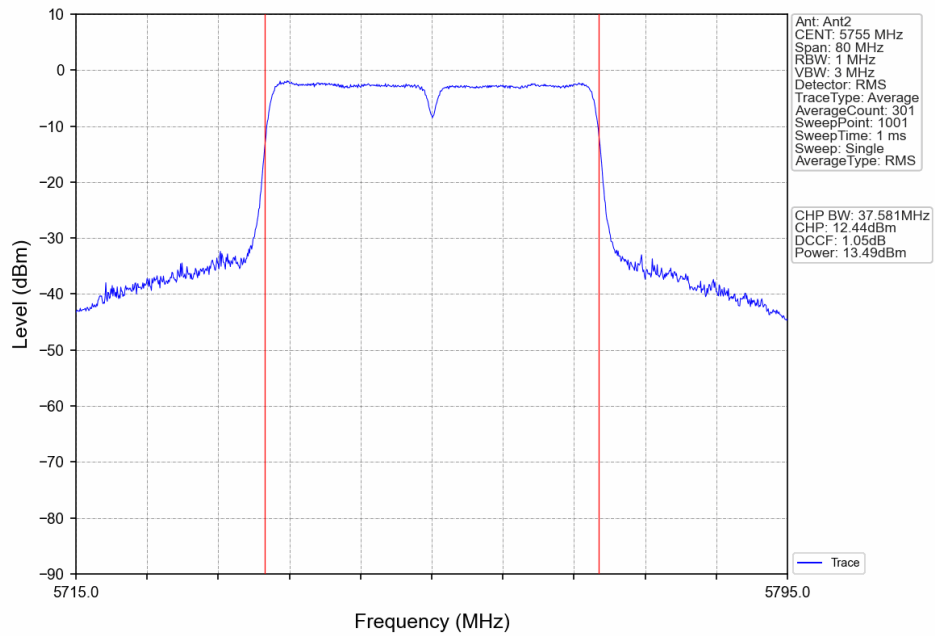
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV



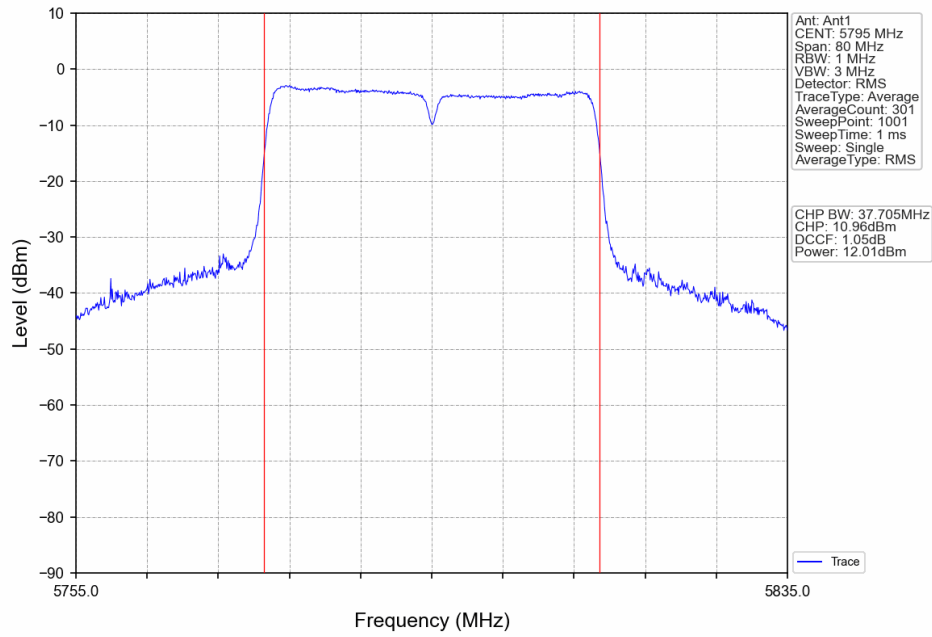
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



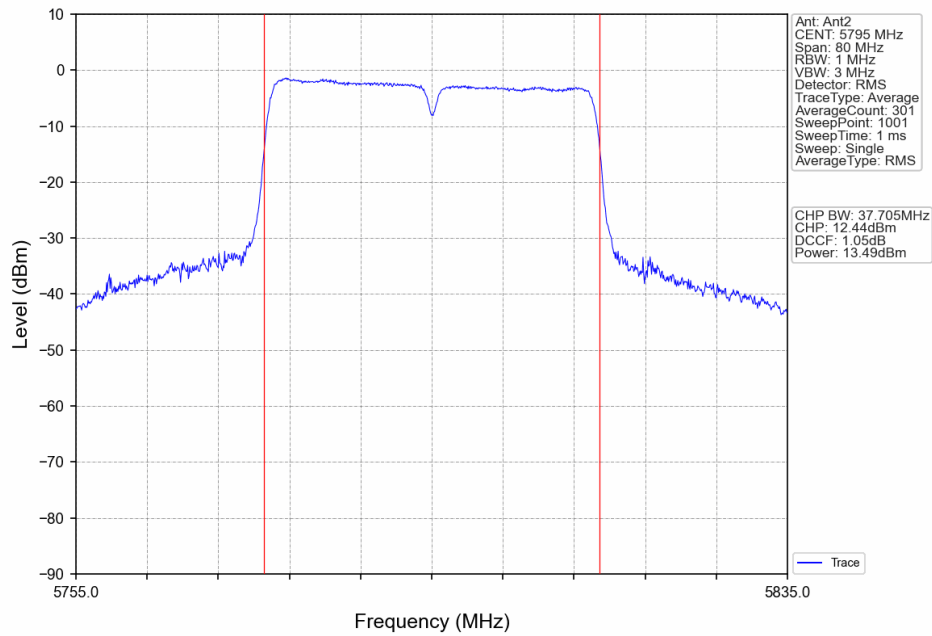
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV



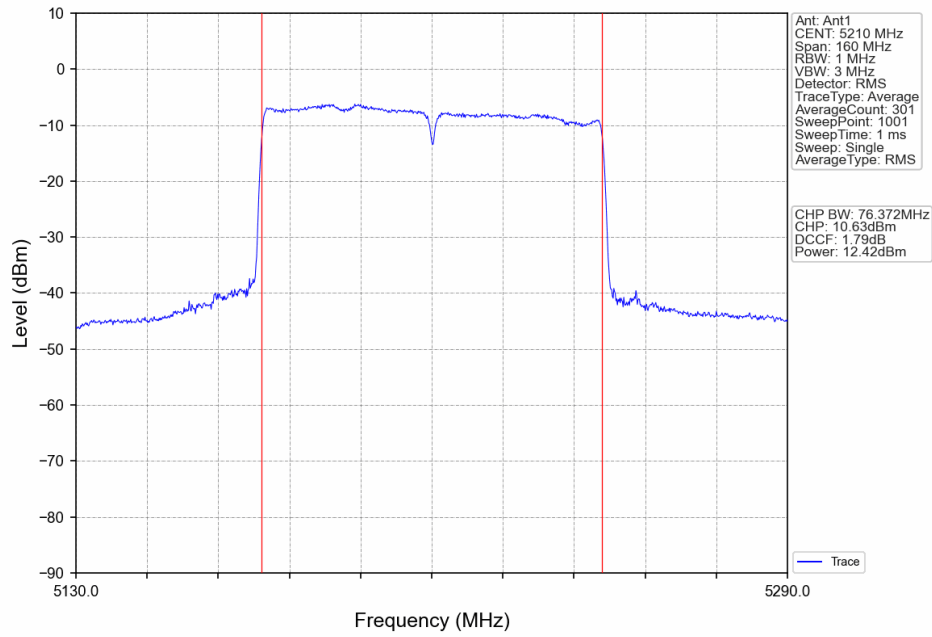
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



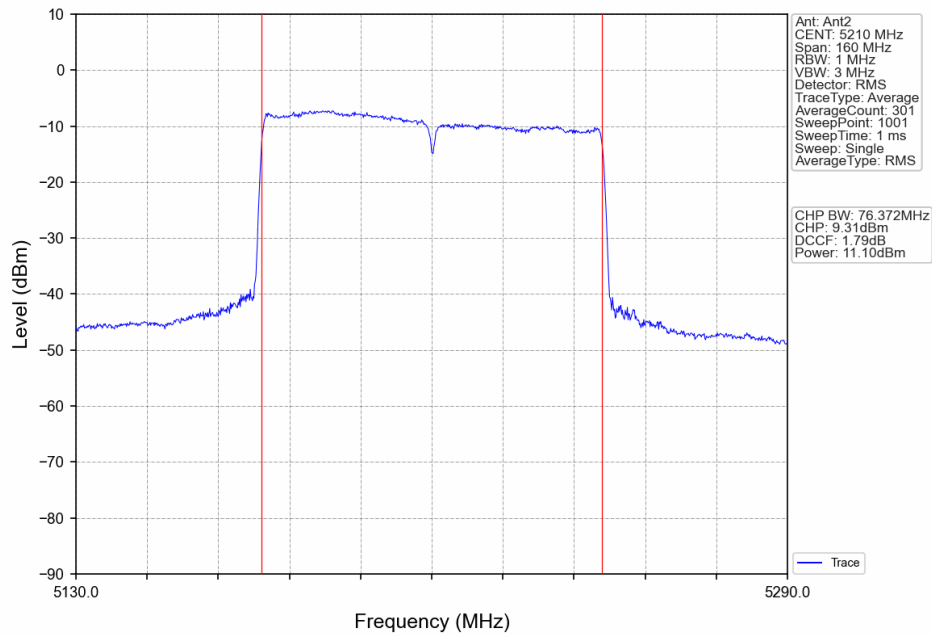
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant2_NTNV



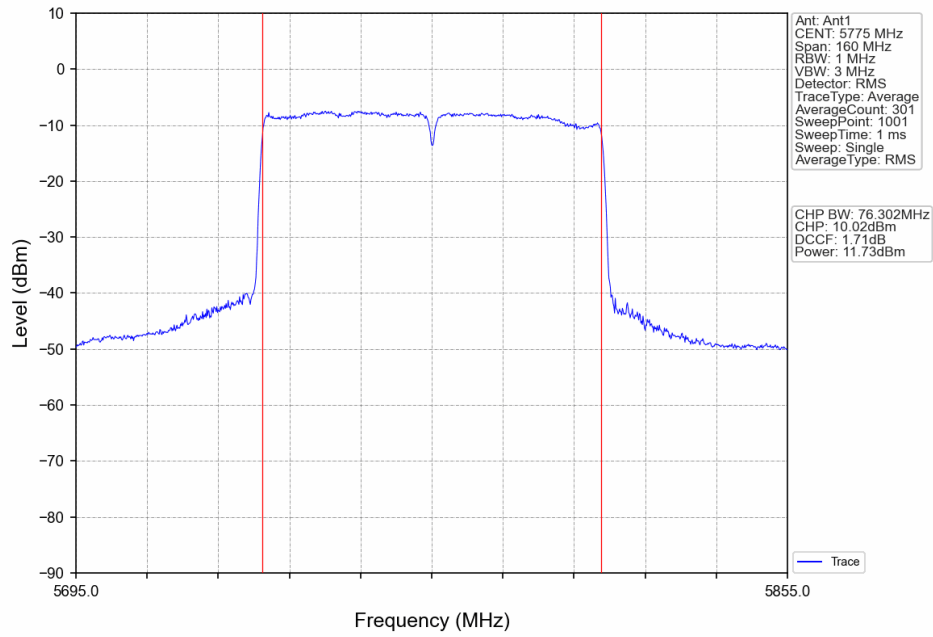
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



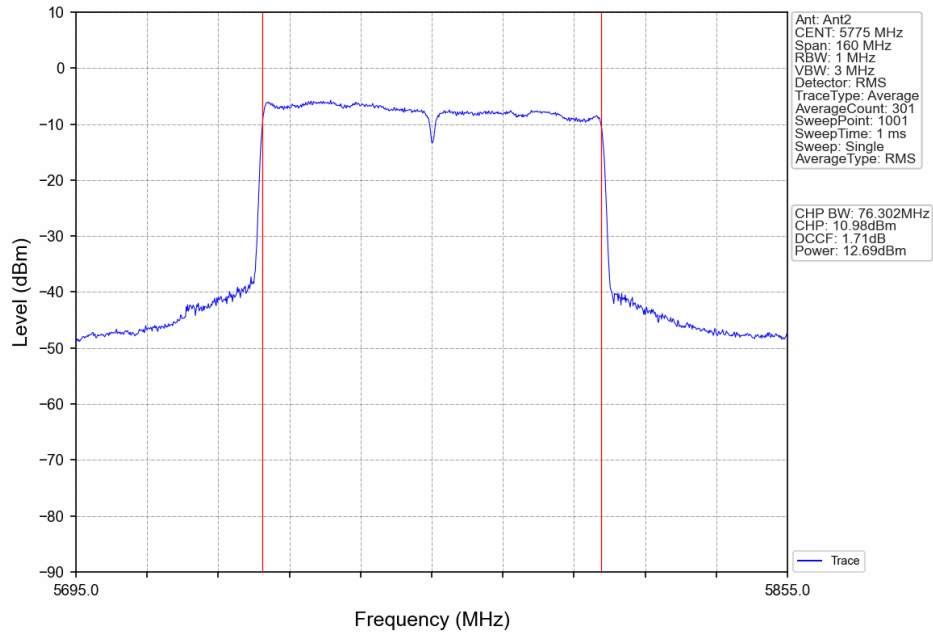
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant2_NTNV



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

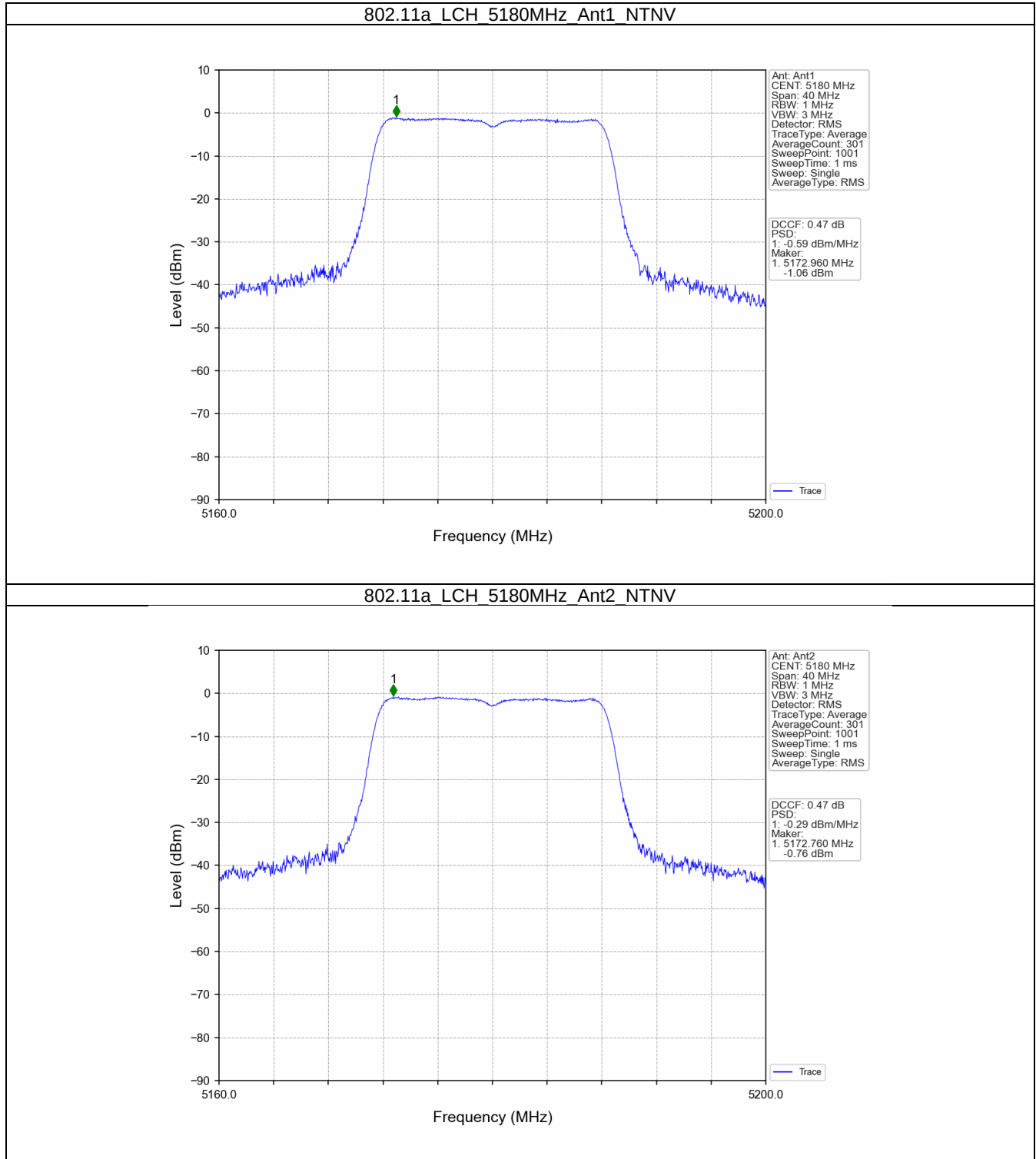
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	-0.59	-0.29	/	<=11	Pass
		5200	/	/	-1.05	-0.67	/	<=11	Pass
		5240	/	/	-0.64	-0.66	/	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-0.35	-0.44	/	<=11	Pass
		5200	/	/	-1.03	-0.69	/	<=11	Pass
		5240	/	/	-0.73	-0.90	/	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-2.97	-2.49	/	<=11	Pass
		5230	/	/	-3.43	-2.76	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	1.27	1.34	4.23	<=10.13	Pass
		5200	/	/	1.04	0.97	3.92	<=10.13	Pass
		5240	/	/	0.82	1.00	3.77	<=10.13	Pass
802.11n (HT40)	MIMO	5190	/	/	-0.85	-1.08	2.00	<=10.13	Pass
		5230	/	/	-1.18	-1.08	1.70	<=10.13	Pass
802.11ac (VHT20)	SISO	5180	/	/	-0.41	-0.38	/	<=11	Pass
		5200	/	/	-0.67	-0.57	/	<=11	Pass
		5240	/	/	-0.90	-0.68	/	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-2.71	-2.62	/	<=11	Pass
		5230	/	/	-3.21	-2.69	/	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-6.19	-5.83	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0.77	-0.57	3.08	<=10.13	Pass
		5200	/	/	0.39	-0.71	2.87	<=10.13	Pass
		5240	/	/	0.16	-0.96	2.58	<=10.13	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-1.80	-2.59	0.83	<=10.13	Pass
		5230	/	/	-1.94	-2.89	0.62	<=10.13	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.94	-5.68	-2.32	<=10.13	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	1.14	2.25	/	<=11	Pass
		5200	RU242	Left	0.57	1.49	/	<=11	Pass
		5240	RU242	Left	0.42	1.81	/	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-1.02	-0.61	/	<=11	Pass
		5230	RU484	Left	-1.33	-1.22	/	<=11	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-4.13	-5.33	/	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1.00	-0.41	3.30	<=10.13	Pass
		5200	RU242	Left	0.84	-0.70	3.01	<=10.13	Pass
		5240	RU242	Left	0.51	-0.48	2.87	<=10.13	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-0.81	-2.50	1.34	<=10.13	Pass
		5230	RU484	Left	-1.57	-2.35	0.97	<=10.13	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-4.07	-5.83	-1.86	<=10.13	Pass
Note1: Antenna Gain: 5.2G wifi :Ant1: 3.86dBi; Ant2: 3.86dBi;									
Note2: Directional Gain: 5.2G wifi: 6.87dBi;									

4.1.2 PSD-Band3

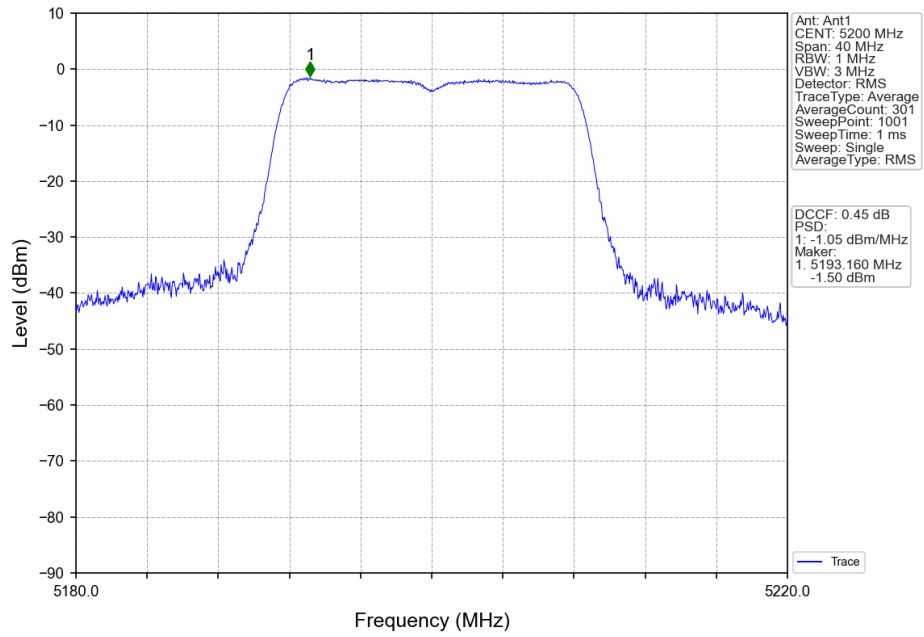
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5745	/	/	-3.57	-1.56	/	<=30	Pass
		5785	/	/	-4.18	-1.25	/	<=30	Pass
		5825	/	/	-5.92	-2.56	/	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-4.24	-1.57	/	<=30	Pass
		5785	/	/	-4.16	-1.72	/	<=30	Pass
		5825	/	/	-6.26	-3.23	/	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-6.50	-4.66	/	<=30	Pass
		5795	/	/	-6.72	-3.87	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	-2.16	0.11	2.13	<=29.08	Pass
		5785	/	/	-2.60	0.30	2.04	<=29.08	Pass
		5825	/	/	-4.22	-1.60	0.17	<=29.08	Pass
802.11n (HT40)	MIMO	5755	/	/	-4.78	-2.44	-0.45	<=29.08	Pass
		5795	/	/	-4.59	-2.08	-0.14	<=29.08	Pass
802.11ac (VHT20)	SISO	5745	/	/	-4.01	-1.78	/	<=30	Pass
		5785	/	/	-4.41	-1.62	/	<=30	Pass
		5825	/	/	-6.04	-2.60	/	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-6.51	-4.47	/	<=30	Pass
		5795	/	/	-6.15	-3.88	/	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-9.51	-6.87	/	<=30	Pass
802.11ac (VHT20)	MIMO	5745	/	/	-3.16	-1.81	0.55	<=29.08	Pass
		5785	/	/	-3.23	-1.39	0.80	<=29.08	Pass
		5825	/	/	-5.02	-2.80	-0.80	<=29.08	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-5.35	-4.15	-1.91	<=29.08	Pass
		5795	/	/	-5.58	-3.90	-1.69	<=29.08	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-8.49	-6.90	-4.76	<=29.08	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	-2.49	-0.99	/	<=30	Pass
		5785	RU242	Left	-2.70	-1.06	/	<=30	Pass
		5825	RU242	Left	-4.22	-2.54	/	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	-4.95	-3.78	/	<=30	Pass
		5795	RU484	Left	-4.65	-3.12	/	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	-8.11	-6.41	/	<=30	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	-2.28	-1.37	1.20	<=29.08	Pass
		5785	RU242	Left	-2.61	-1.17	1.12	<=29.08	Pass
		5825	RU242	Left	-4.37	-2.04	-0.12	<=29.08	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-4.56	-3.66	-1.19	<=29.08	Pass
		5795	RU484	Left	-4.56	-3.12	-0.84	<=29.08	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-7.97	-6.44	-4.27	<=29.08	Pass
Note1: Antenna Gain: 5.8G wifi :Ant1: 3.91dBi; Ant2: 3.91dBi; Note2: Directional Gain: 5.8G wifi: 6.92dBi;									

4.2 Test Graph

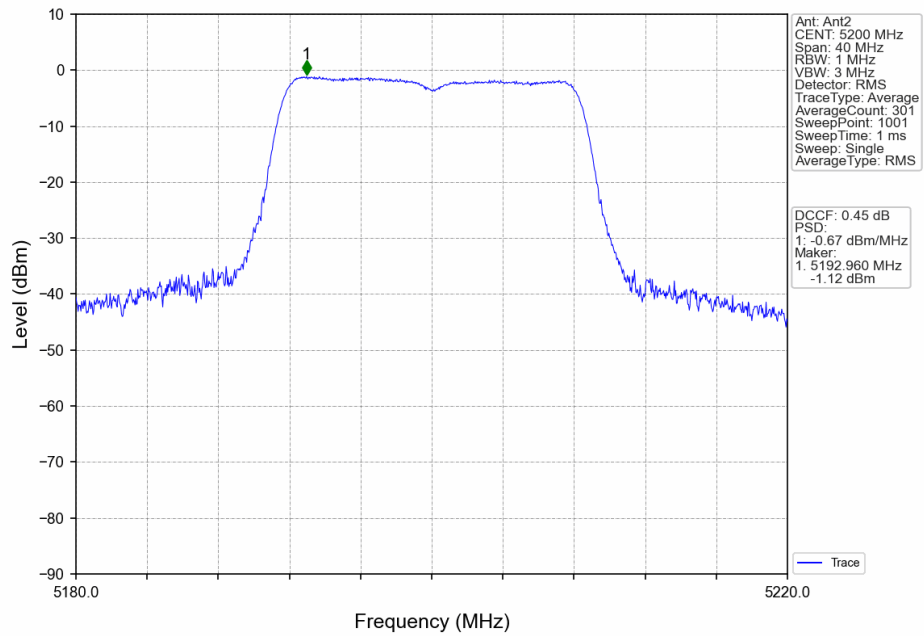
4.2.1 PSD



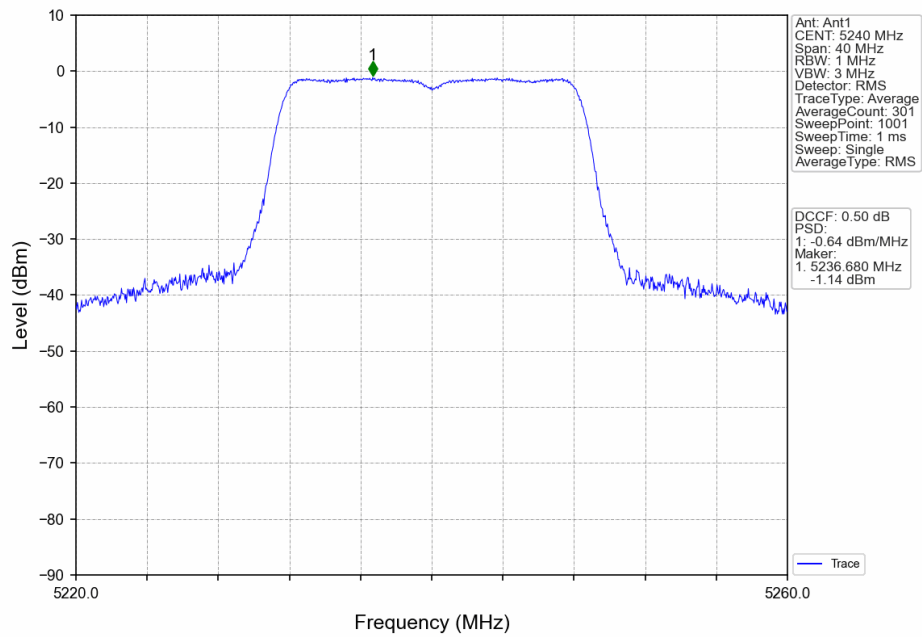
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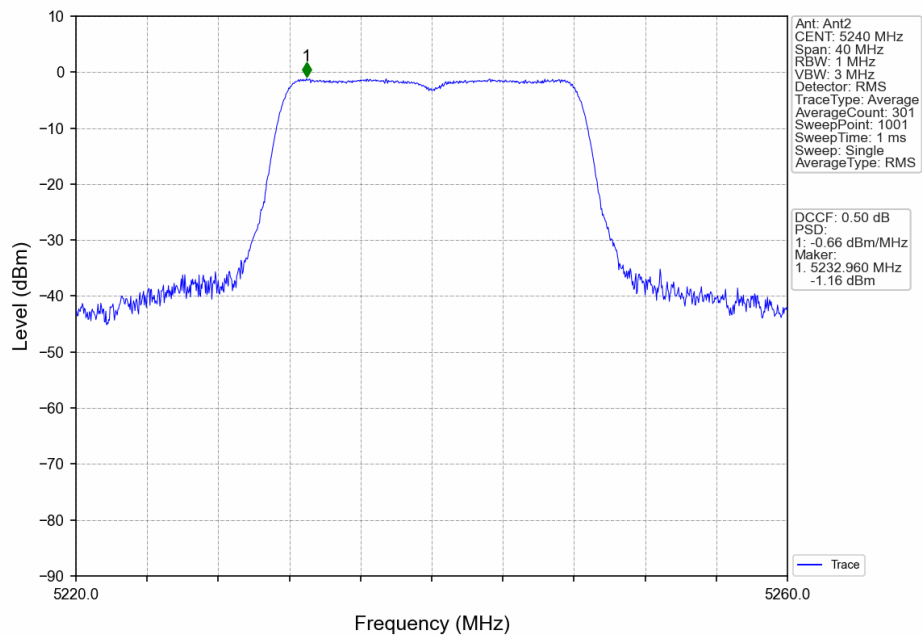
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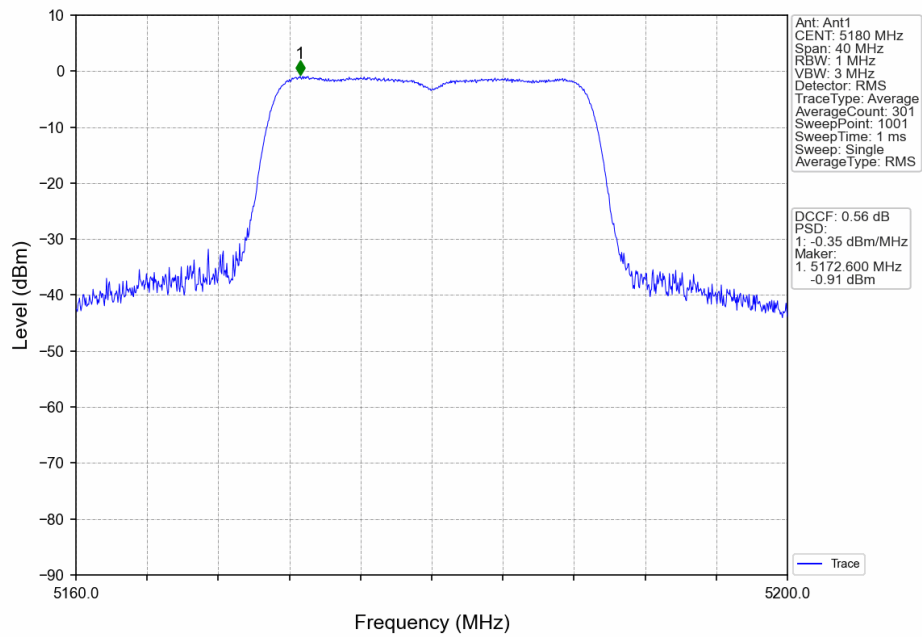
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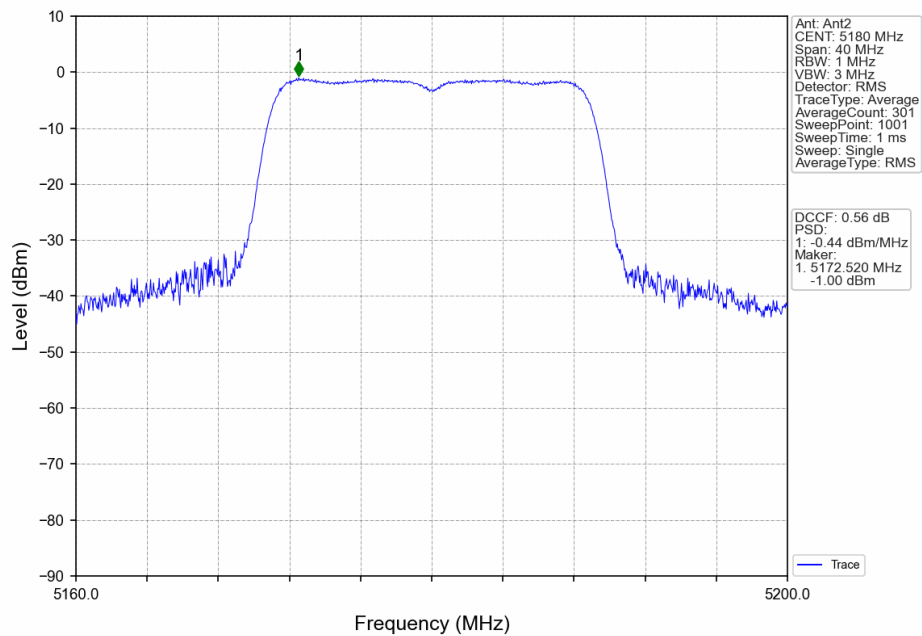
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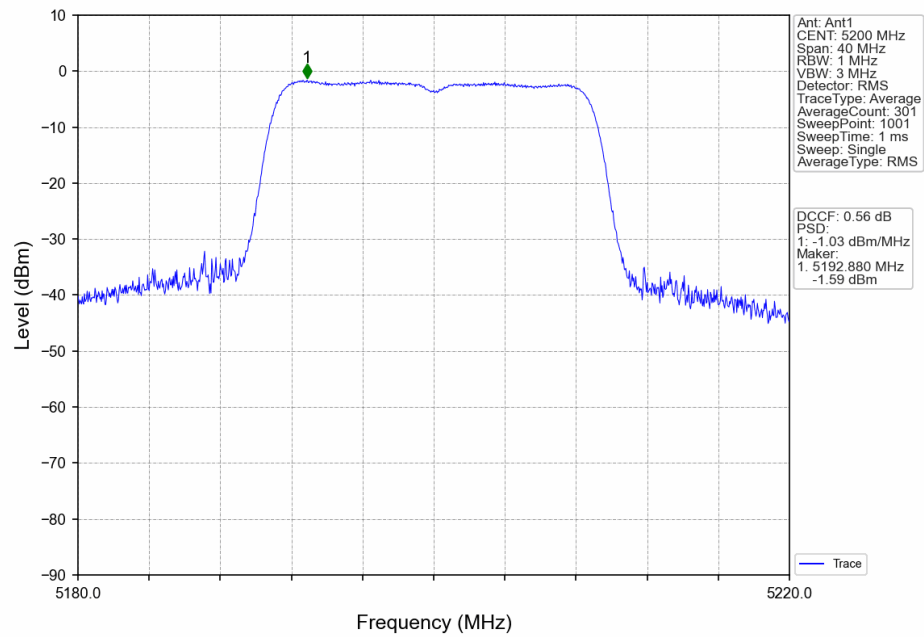
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



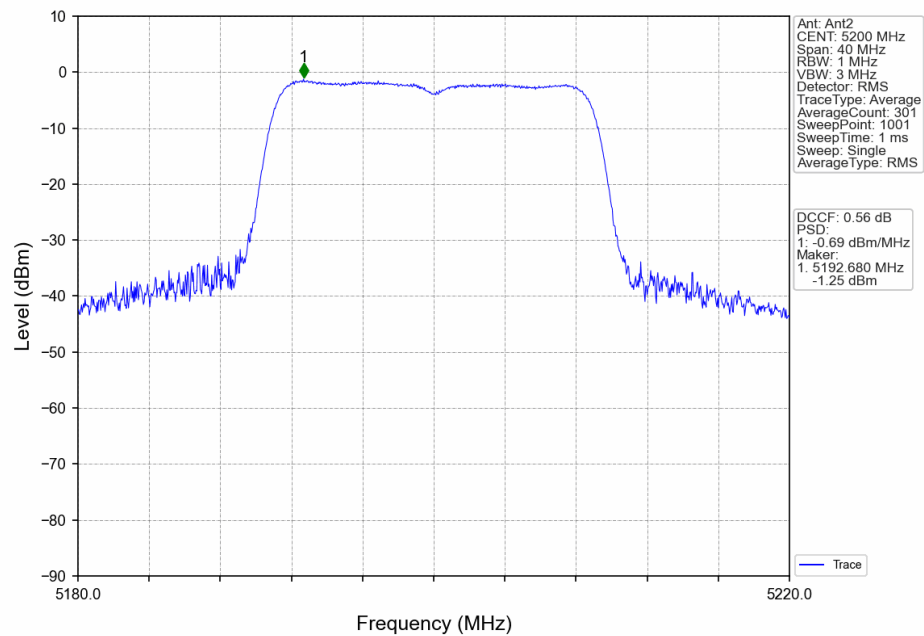
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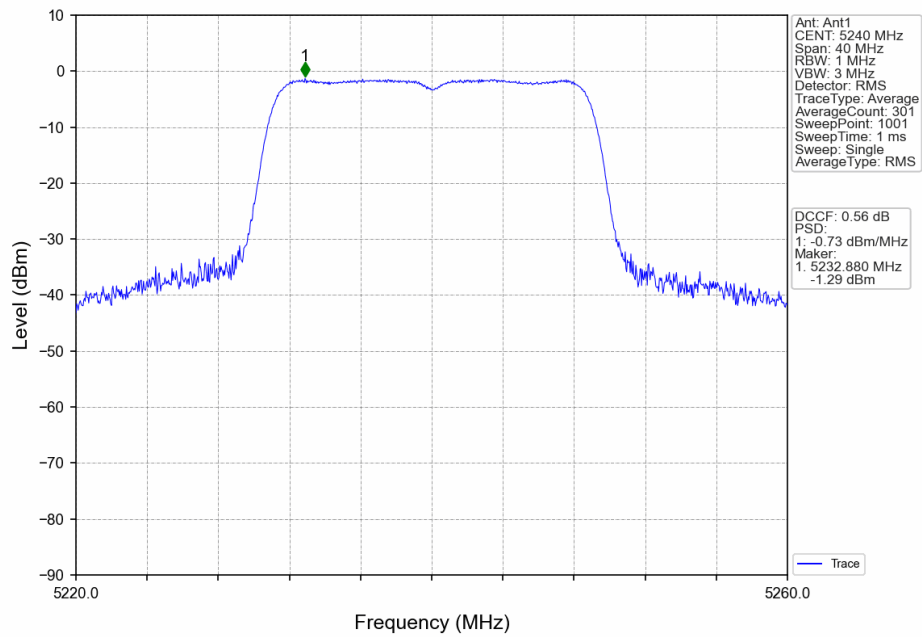
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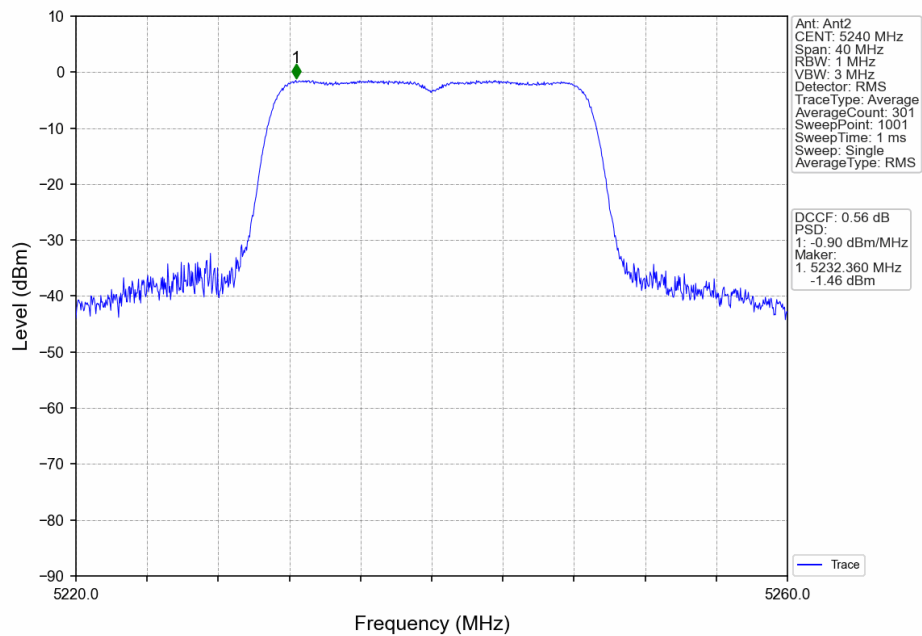
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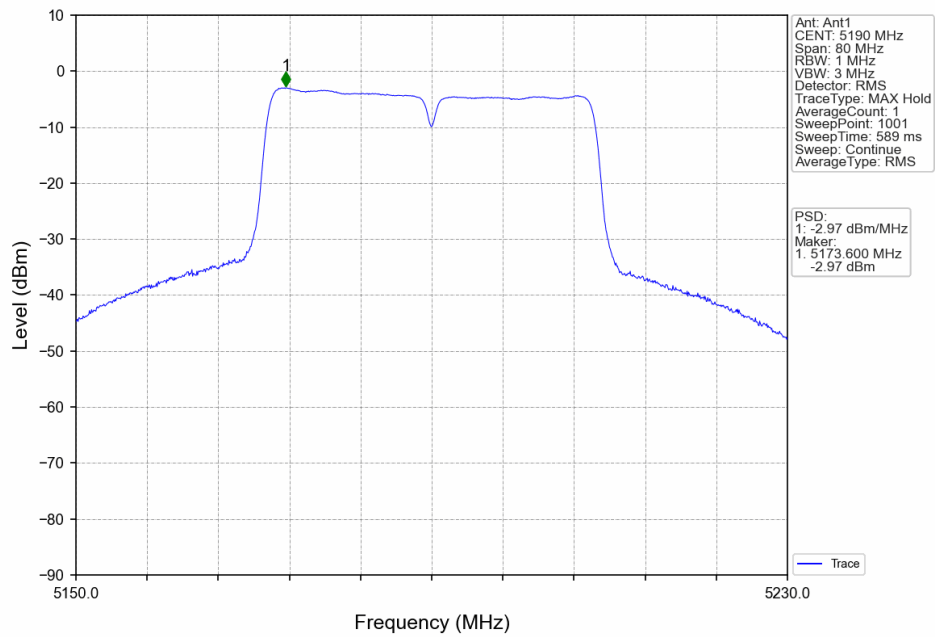
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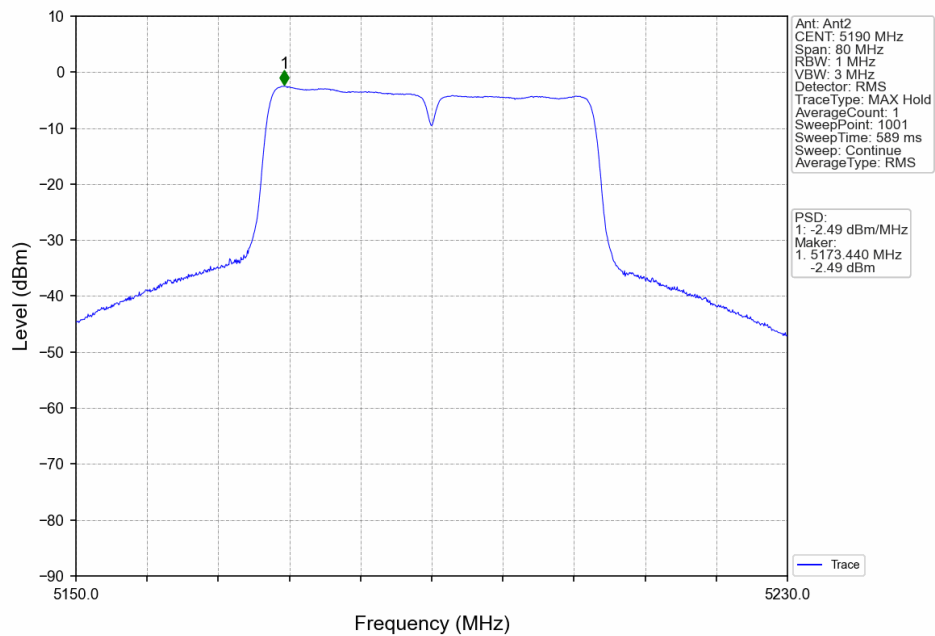
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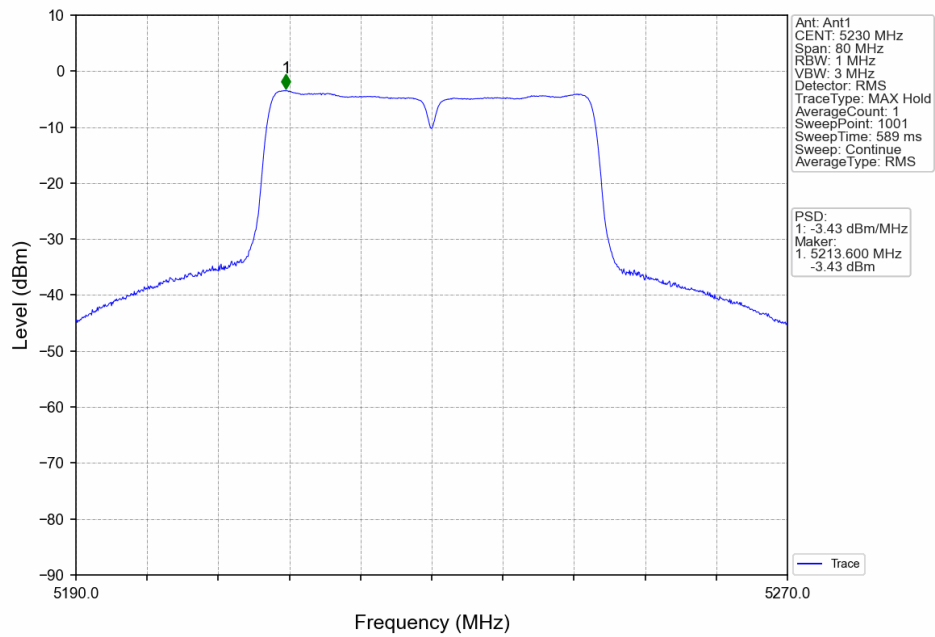
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



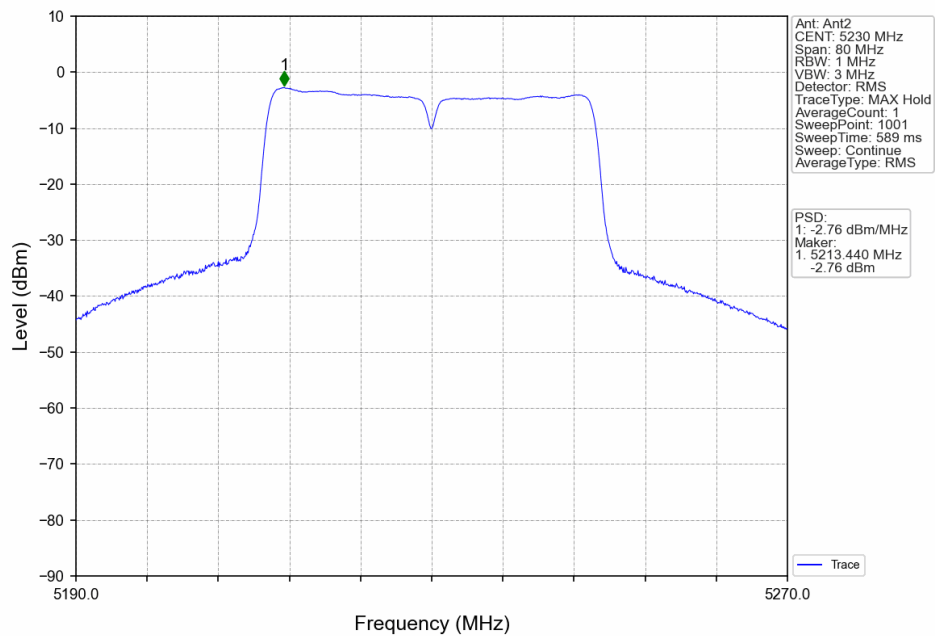
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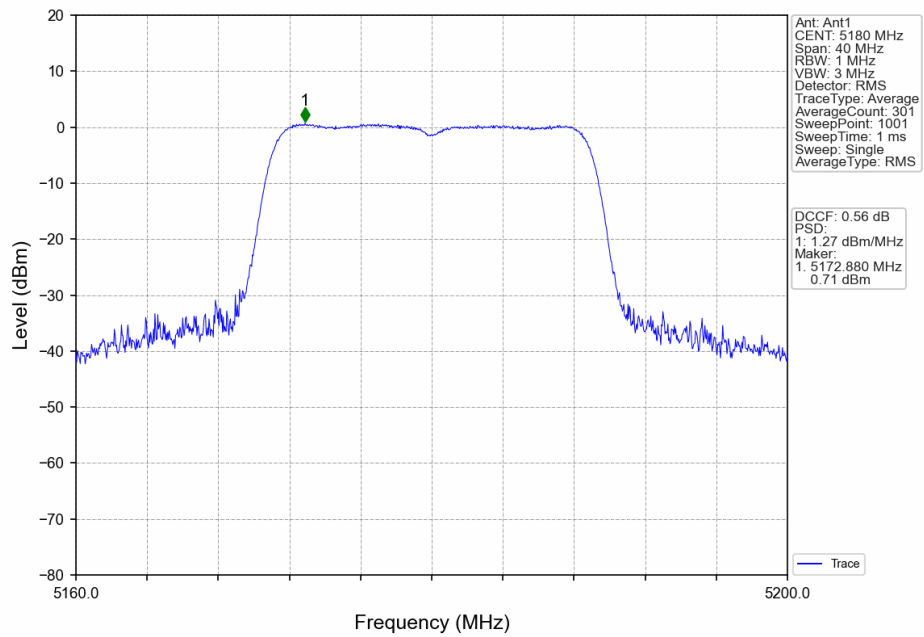
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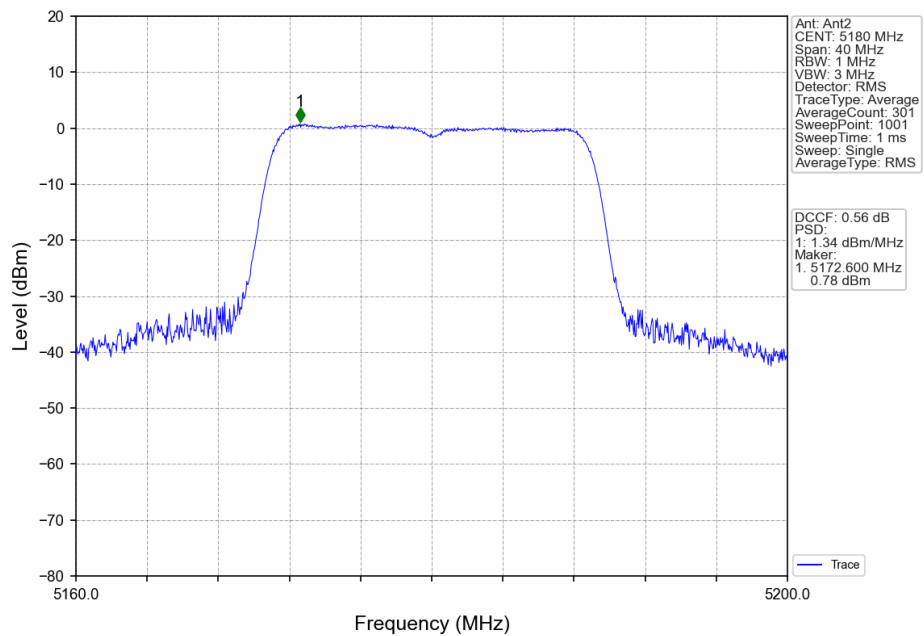
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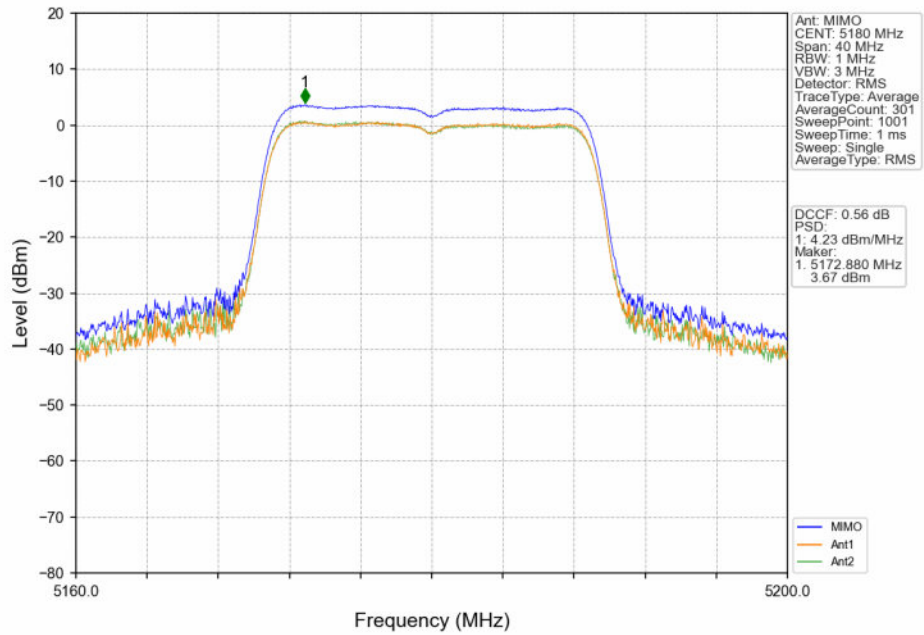
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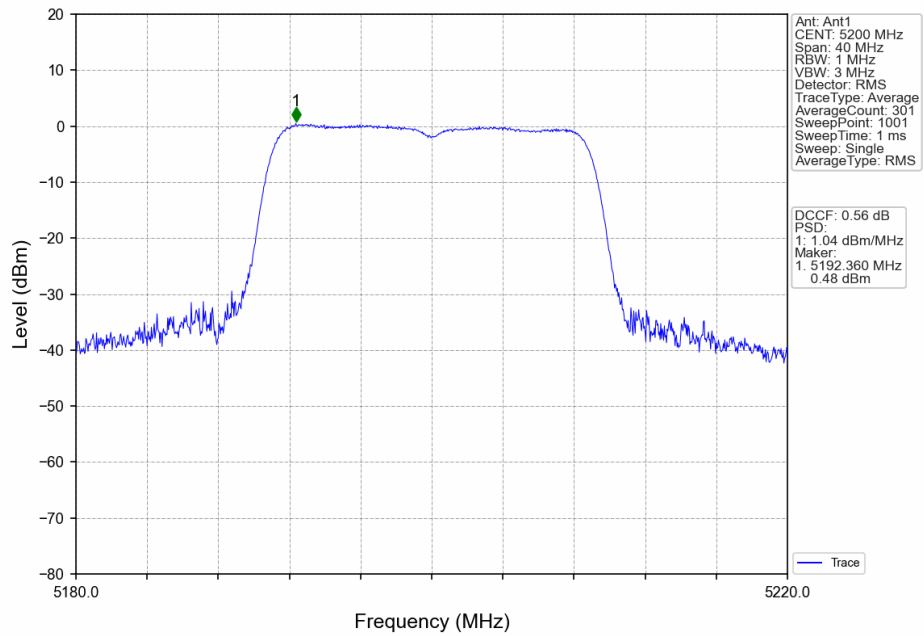
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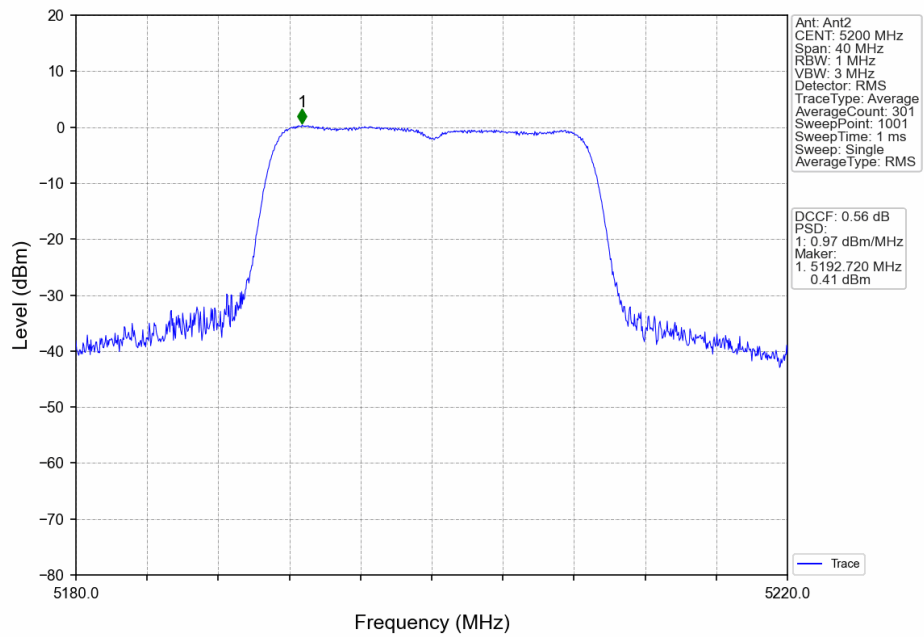
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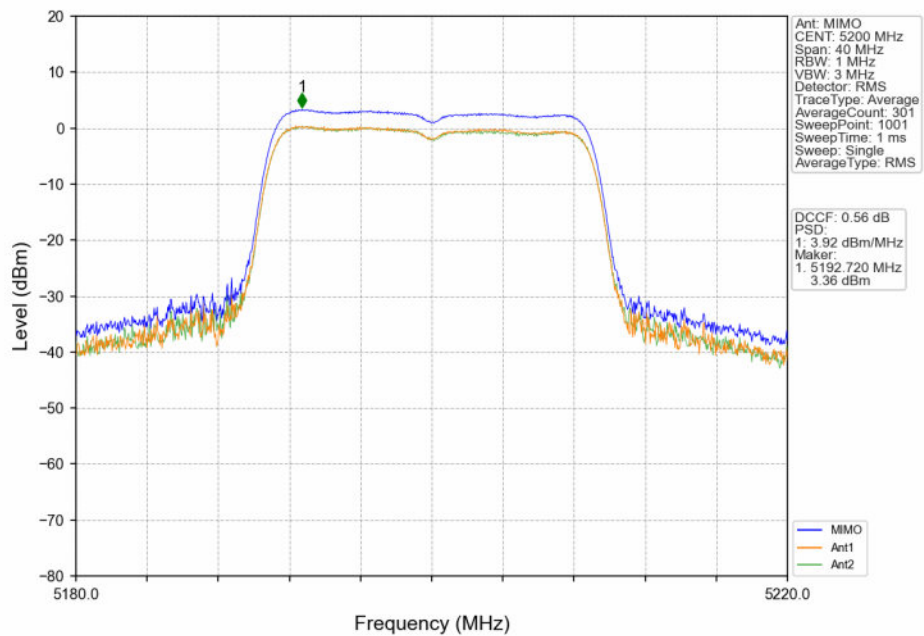
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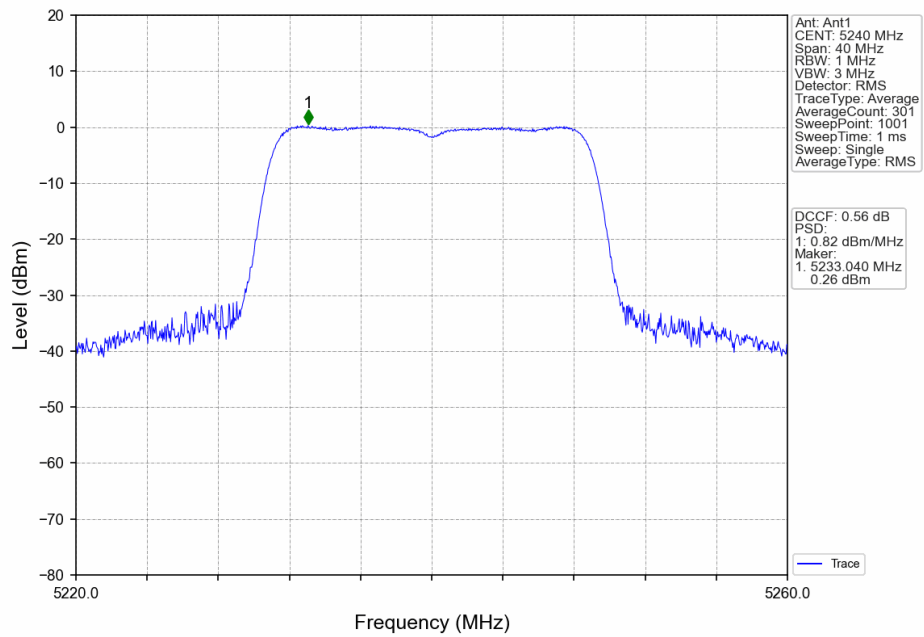
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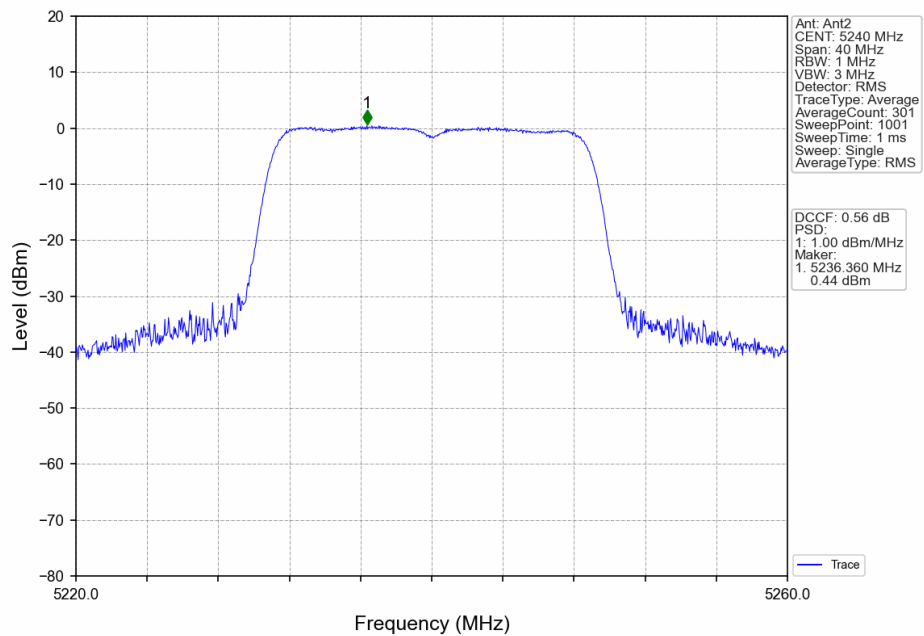
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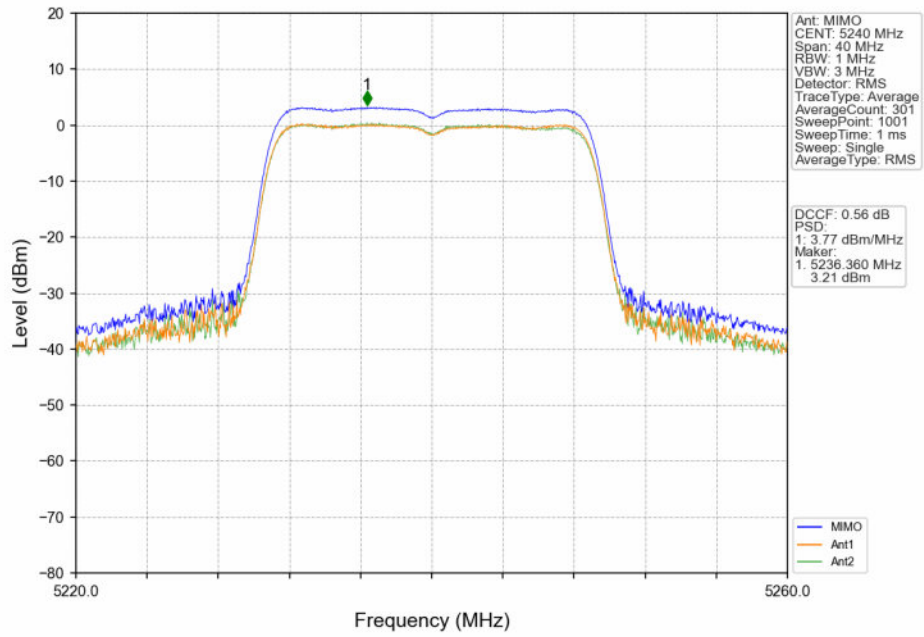
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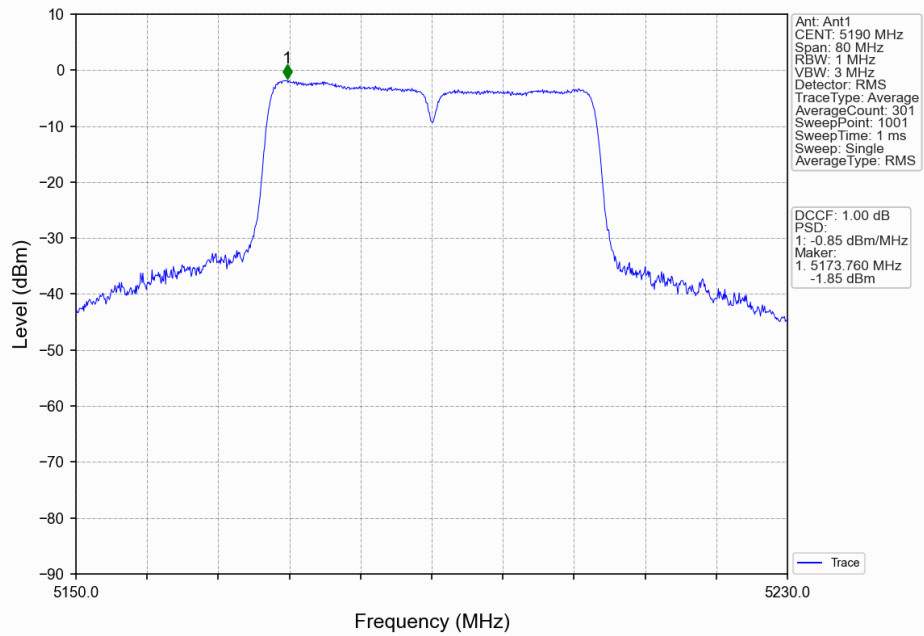
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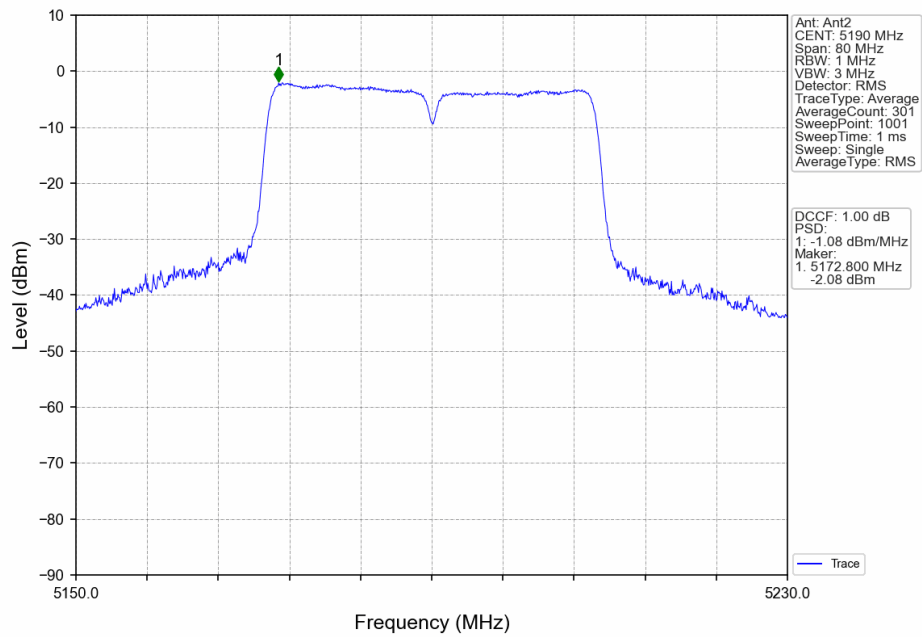
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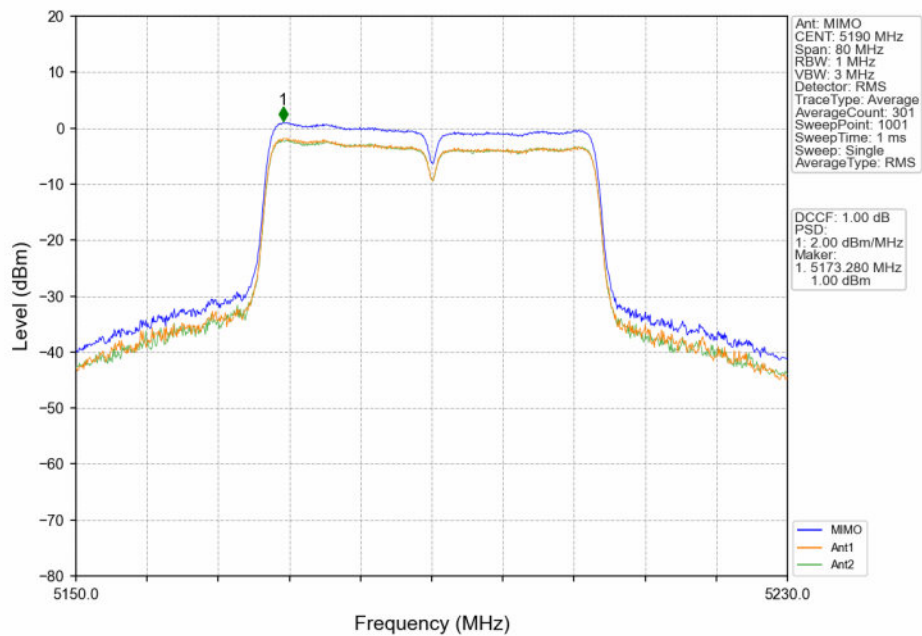
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



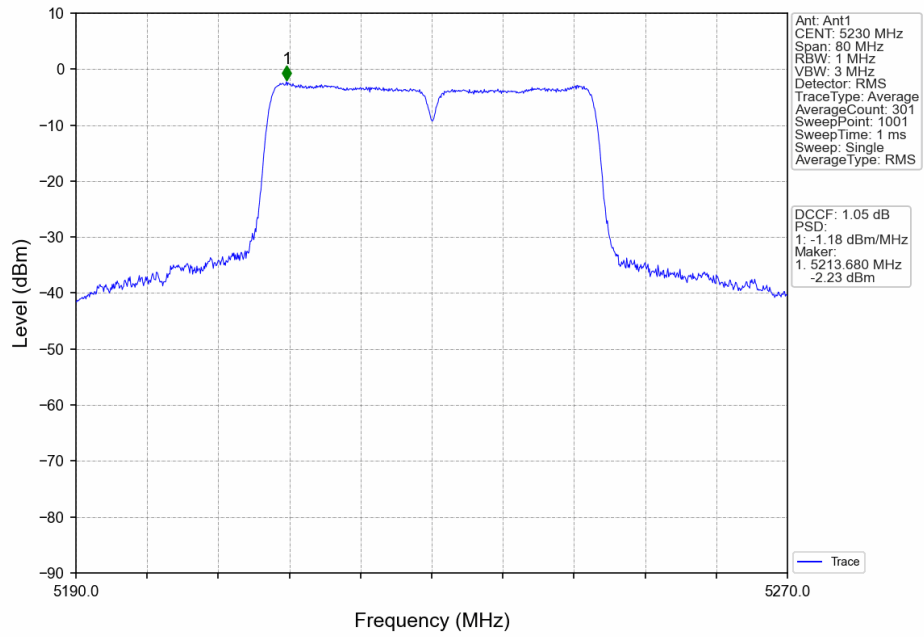
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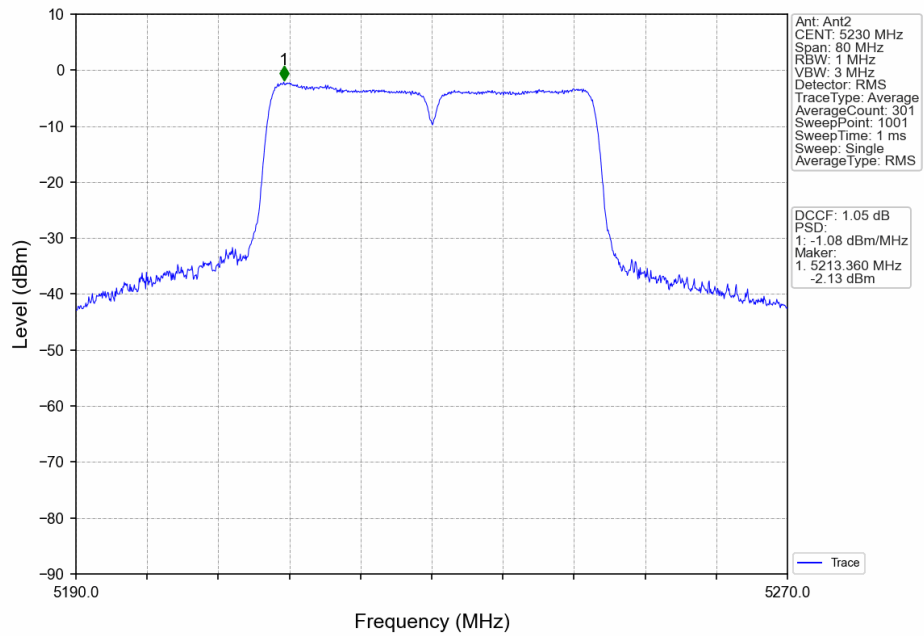
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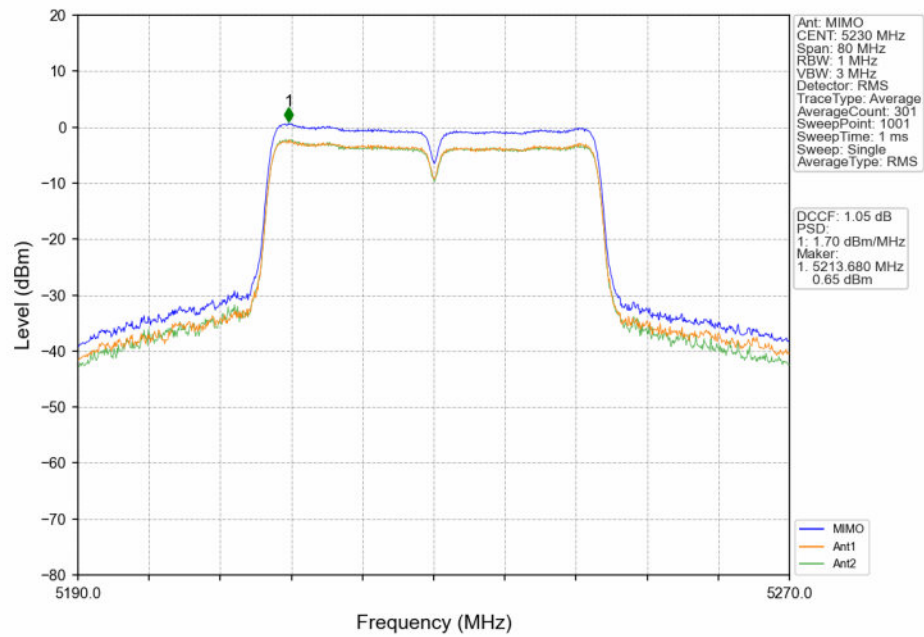
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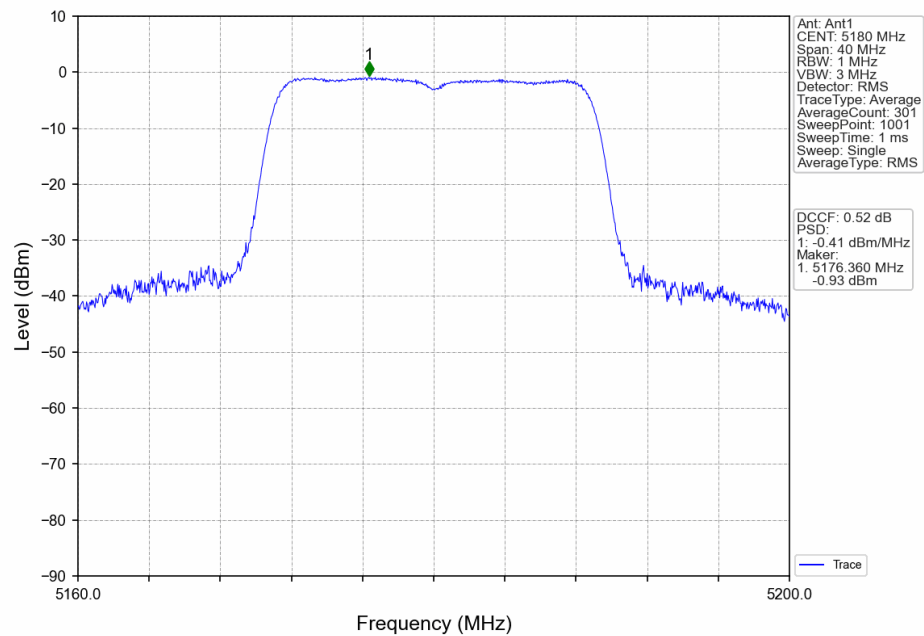
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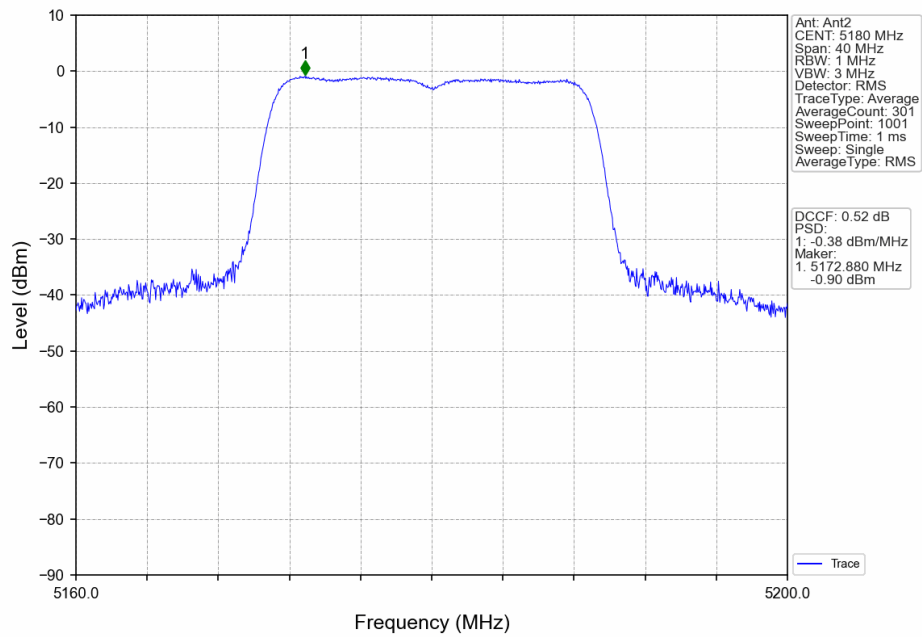
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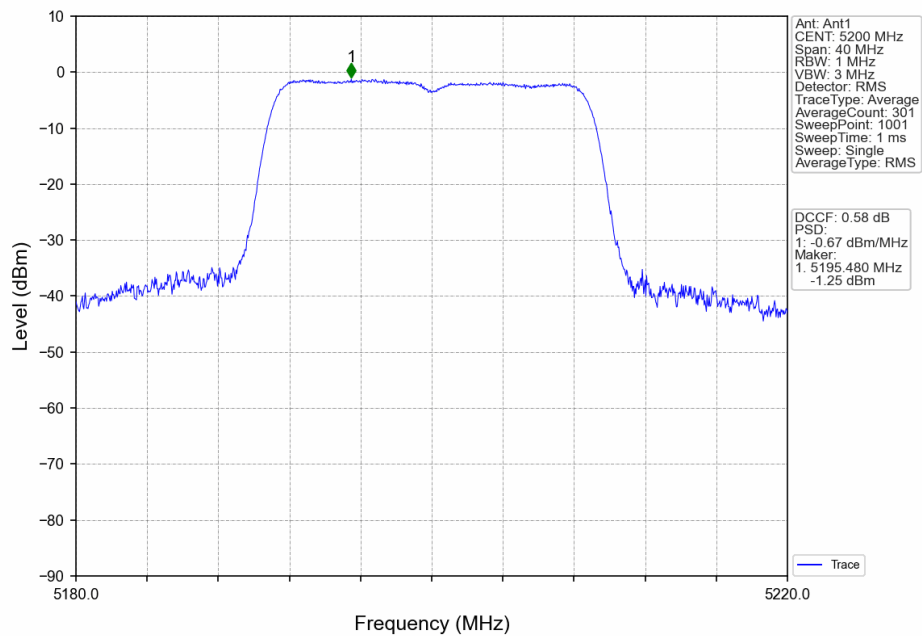
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



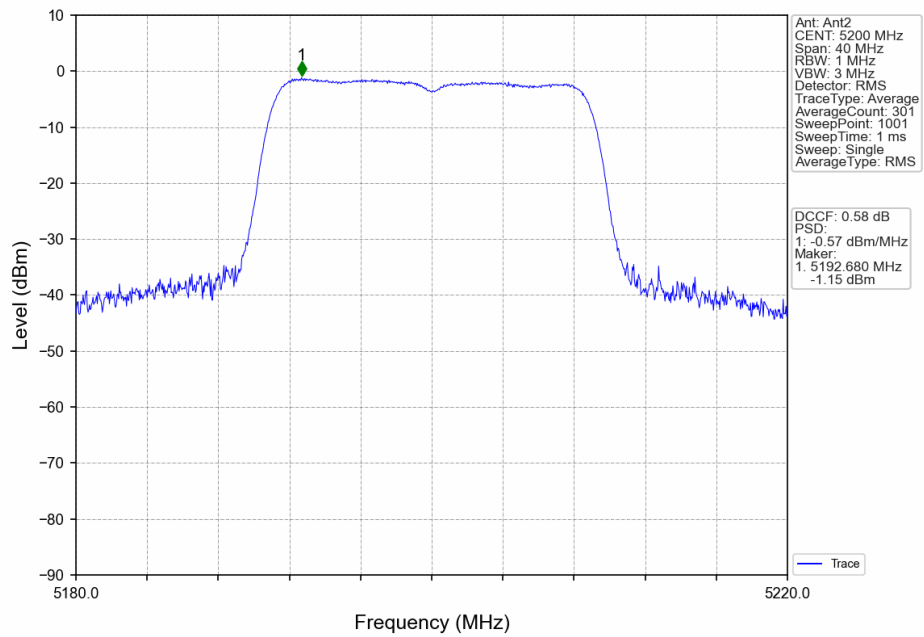
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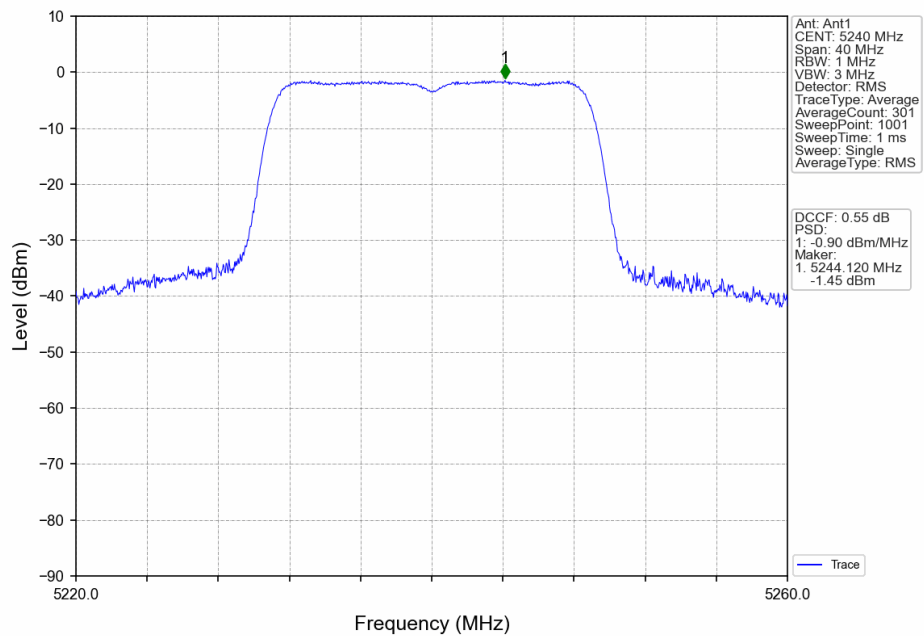
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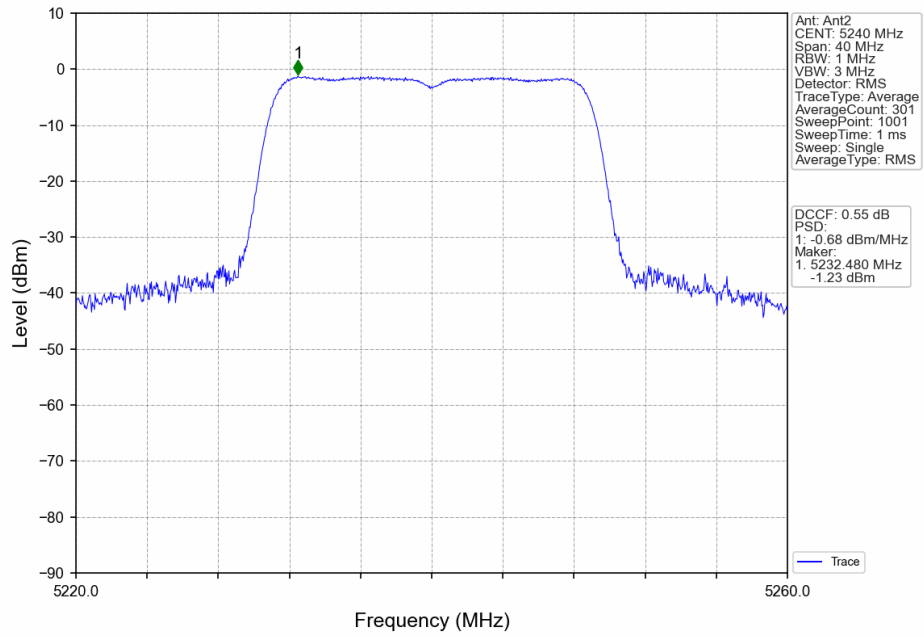
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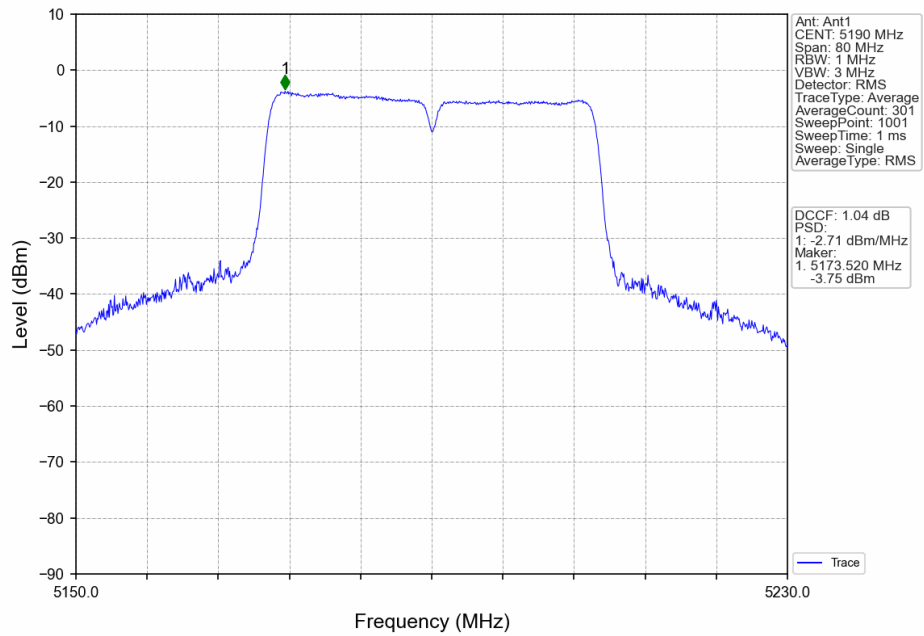
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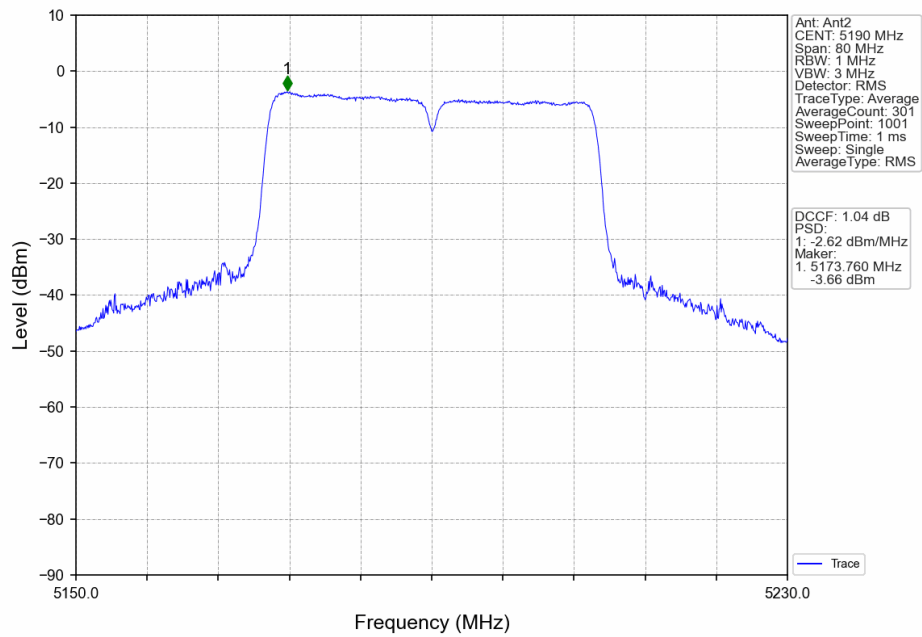
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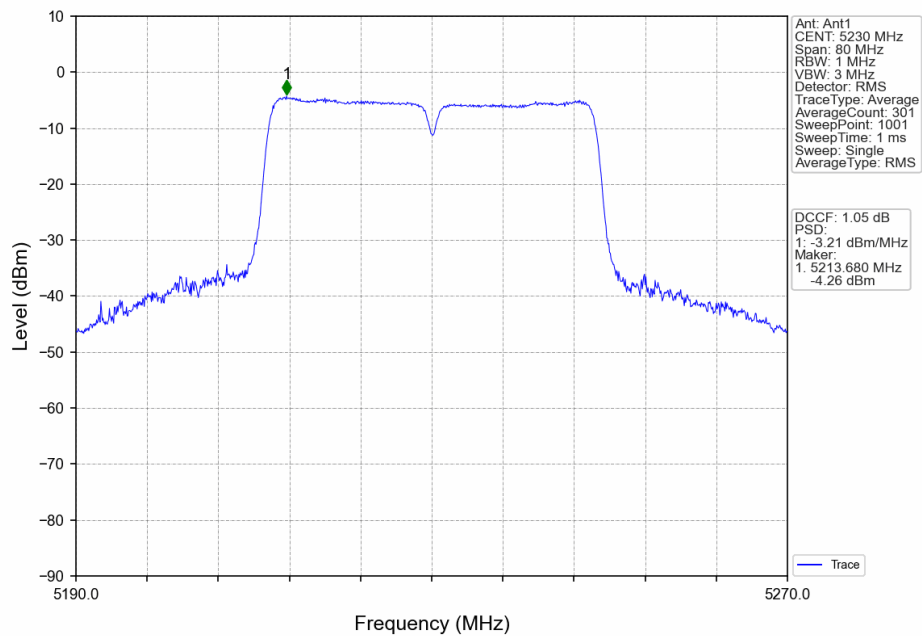
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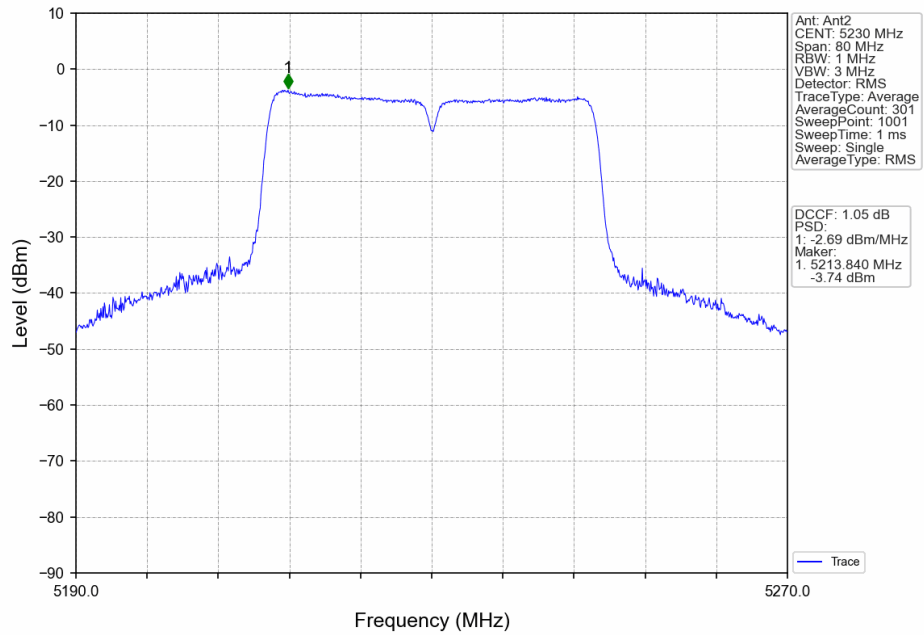
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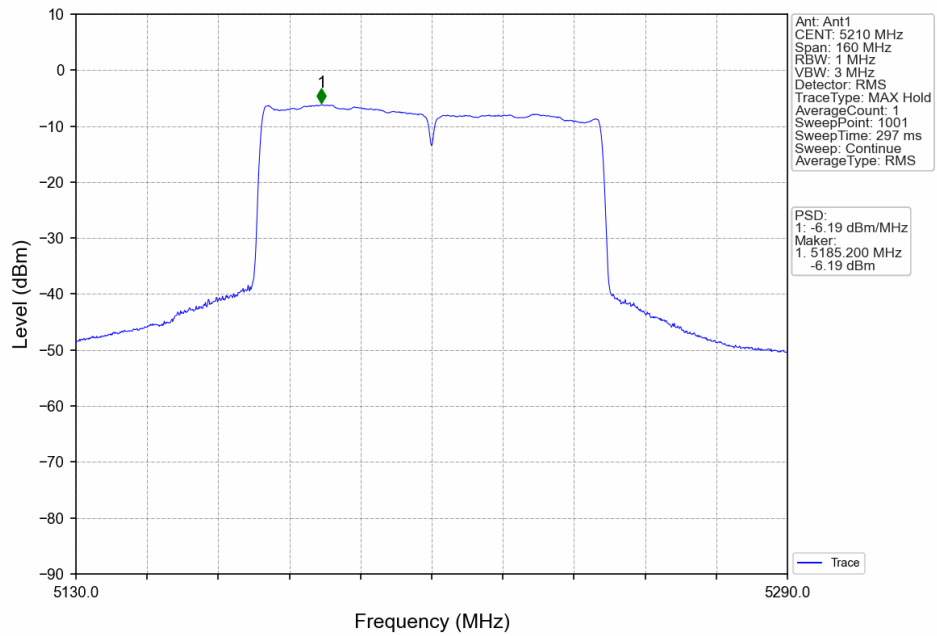
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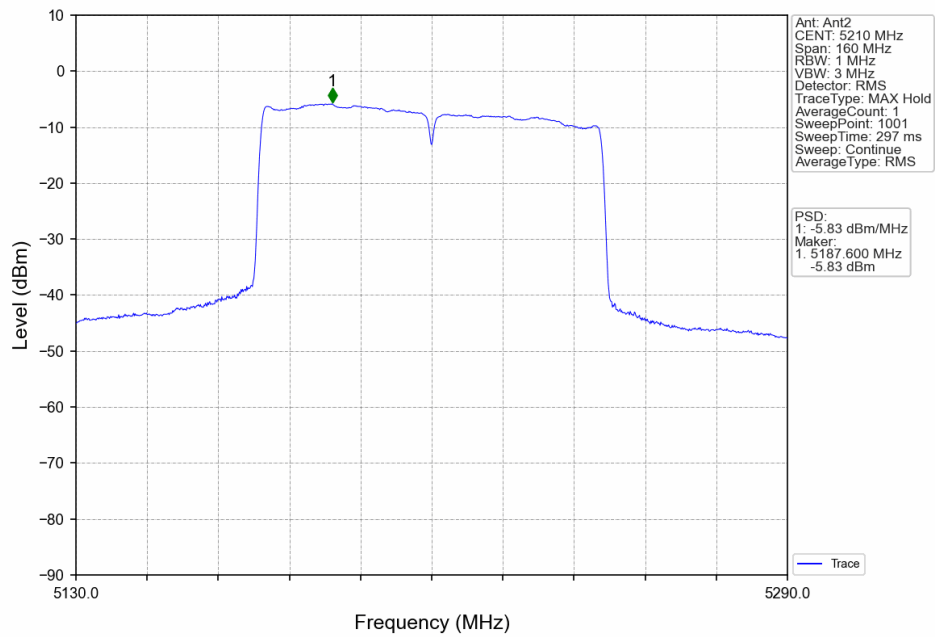
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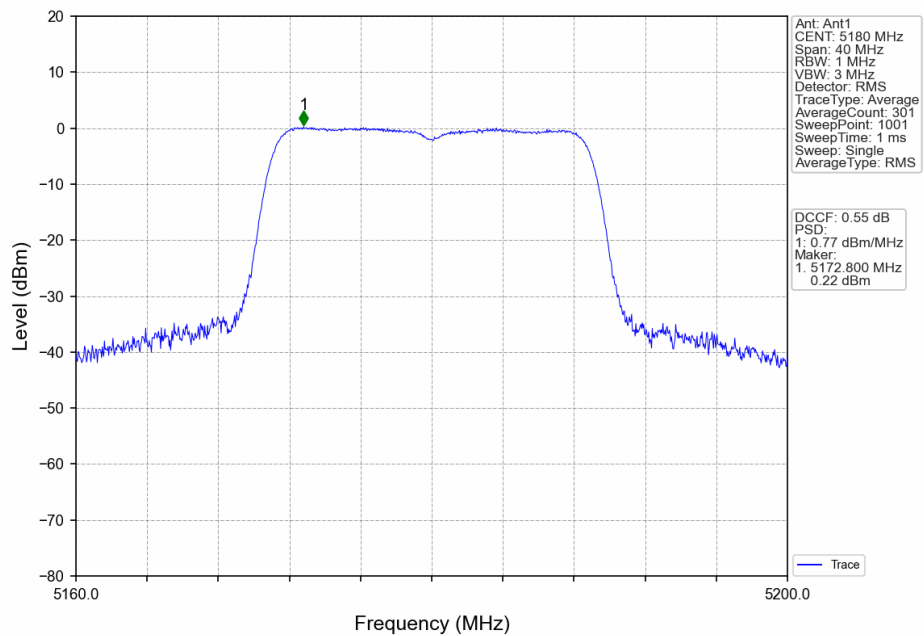
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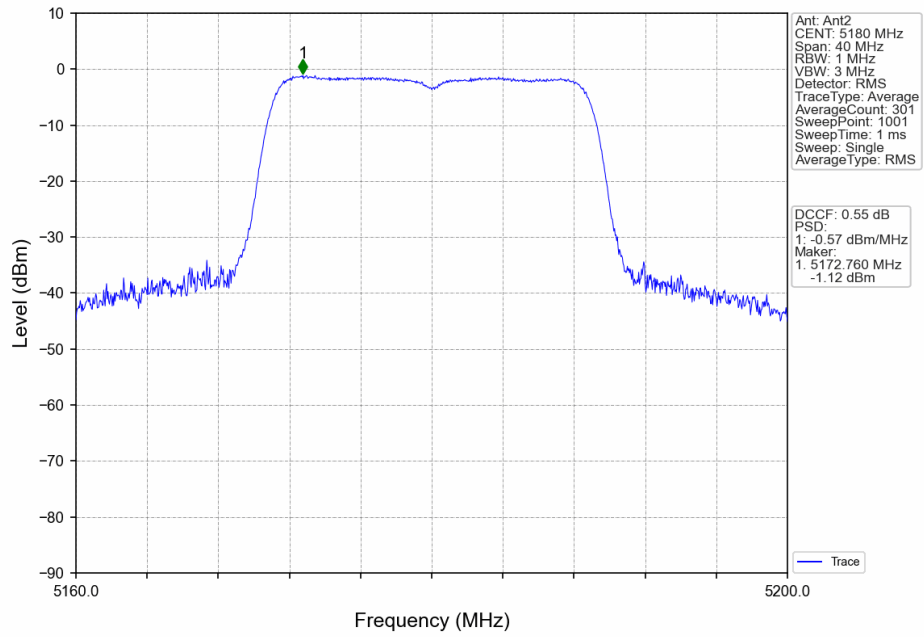
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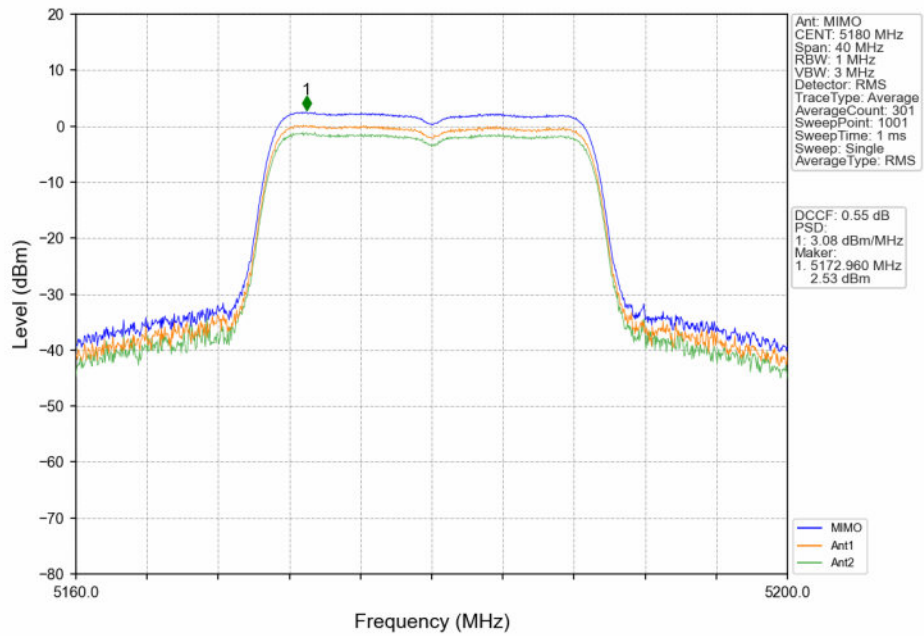
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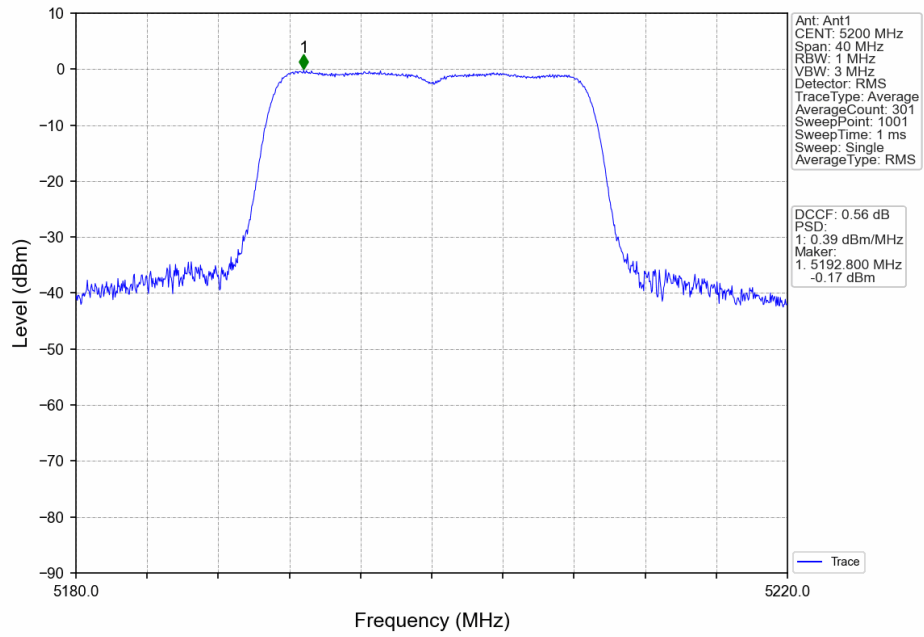
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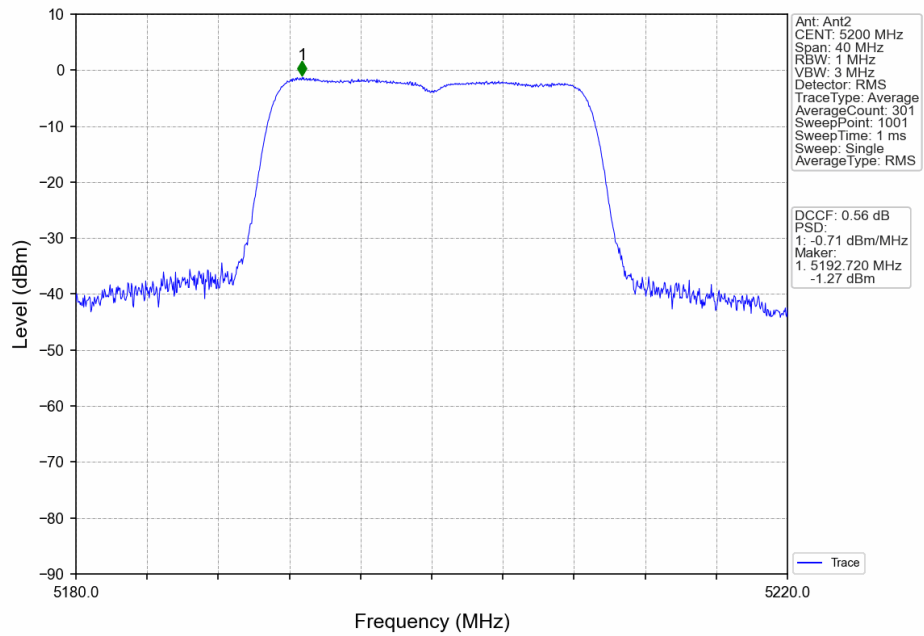
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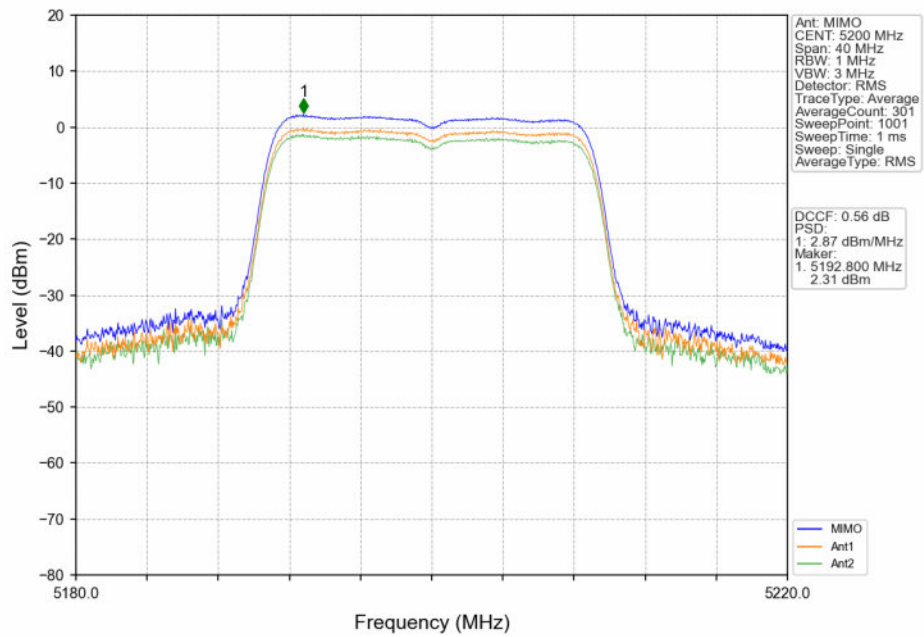
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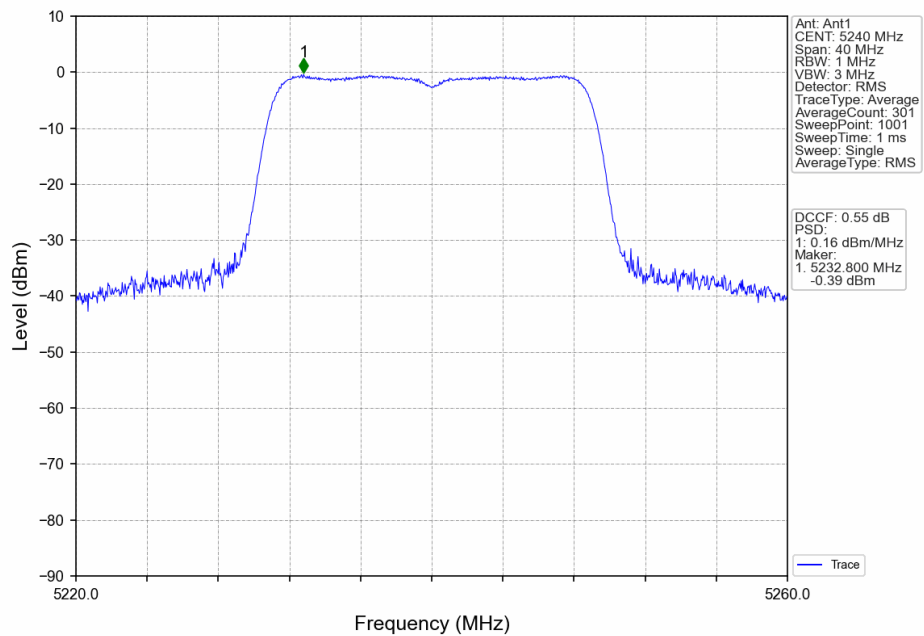
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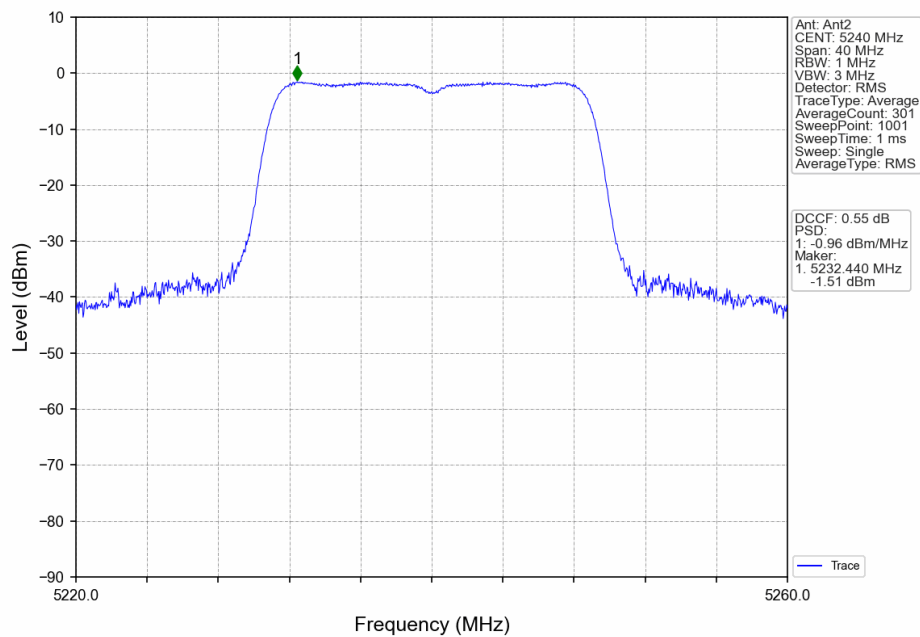
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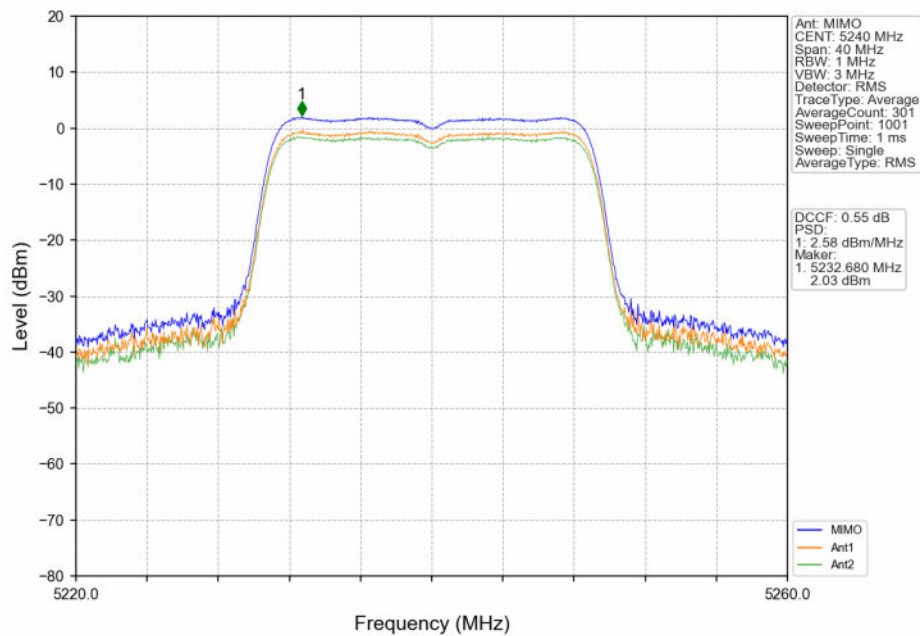
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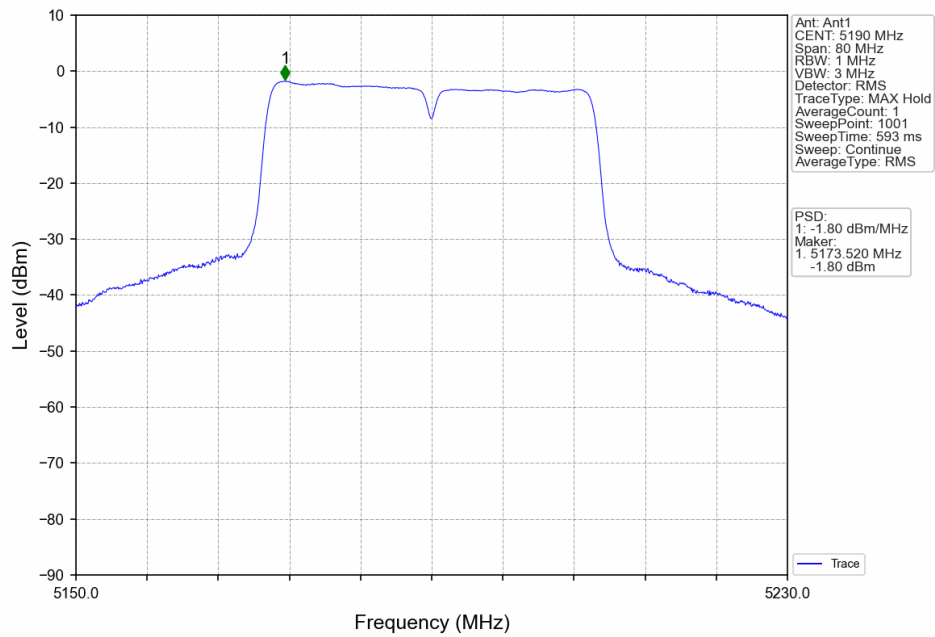
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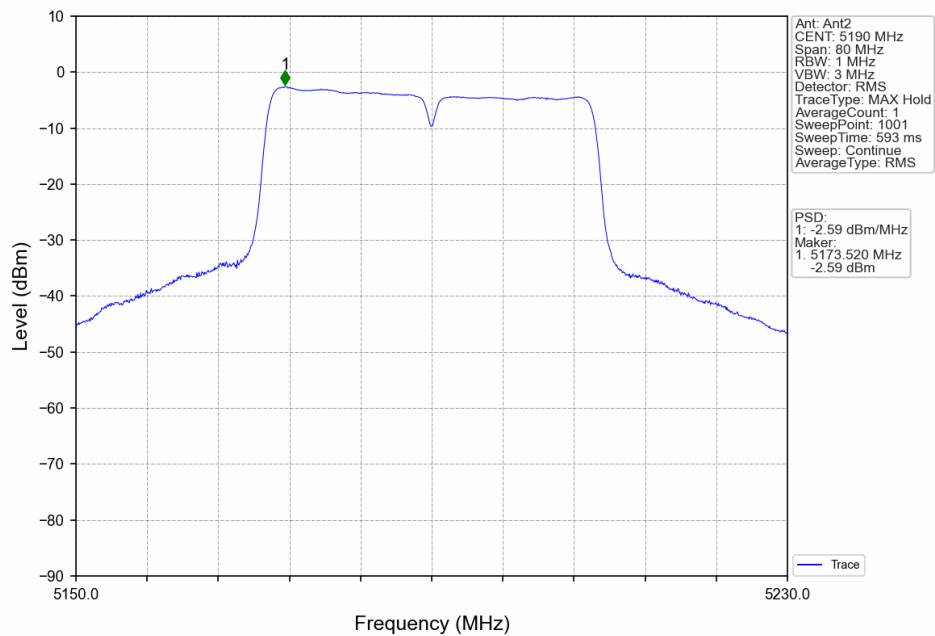
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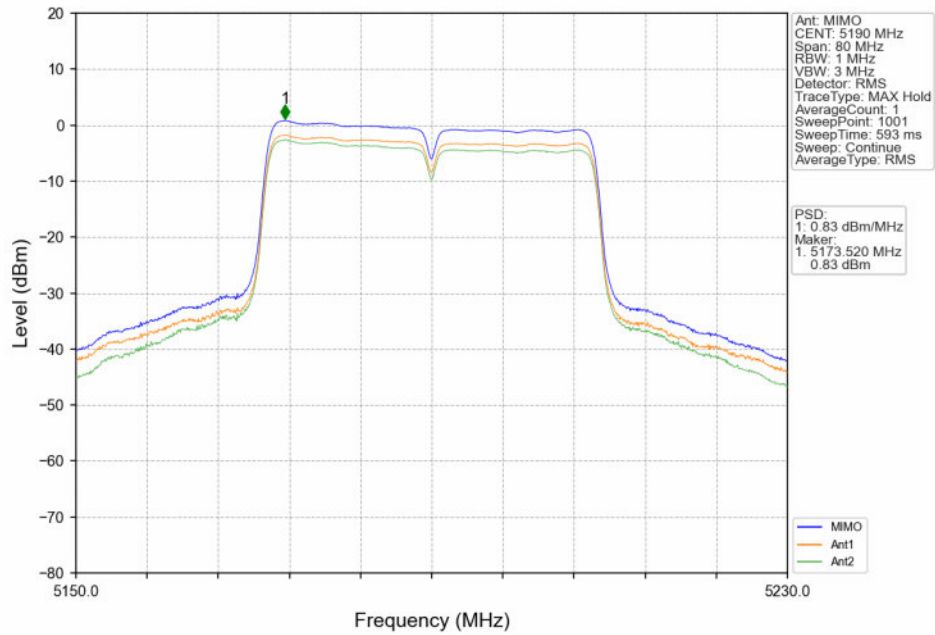
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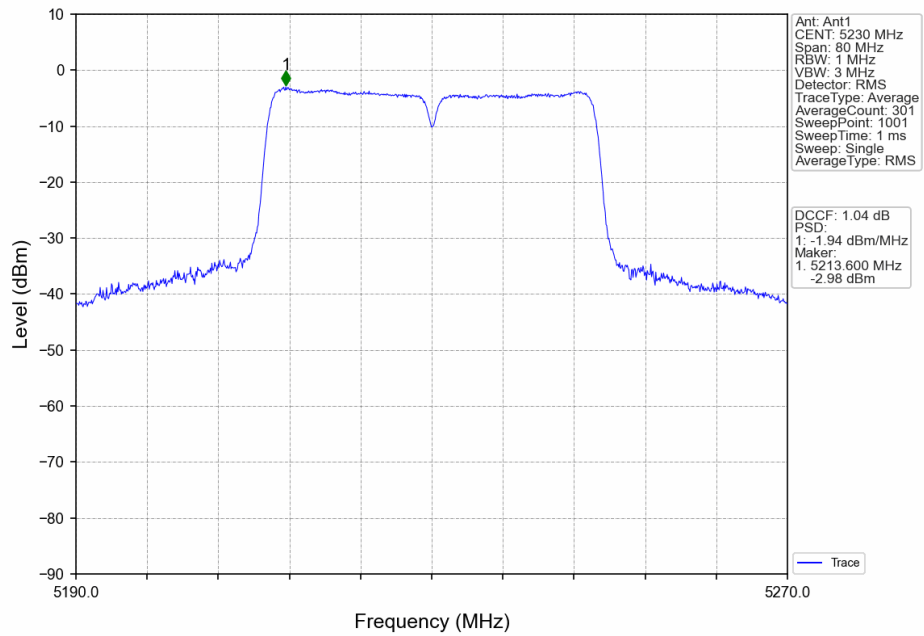
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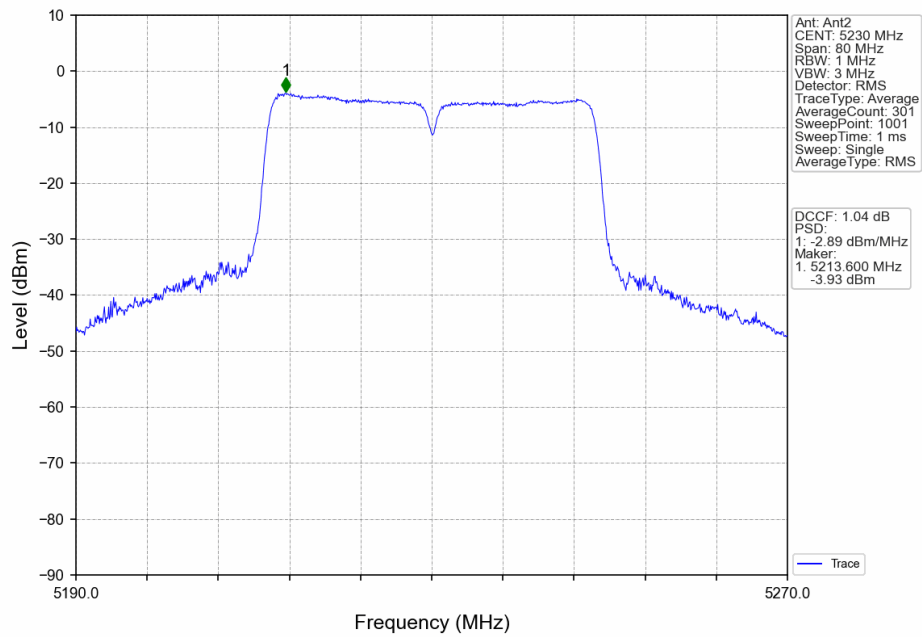
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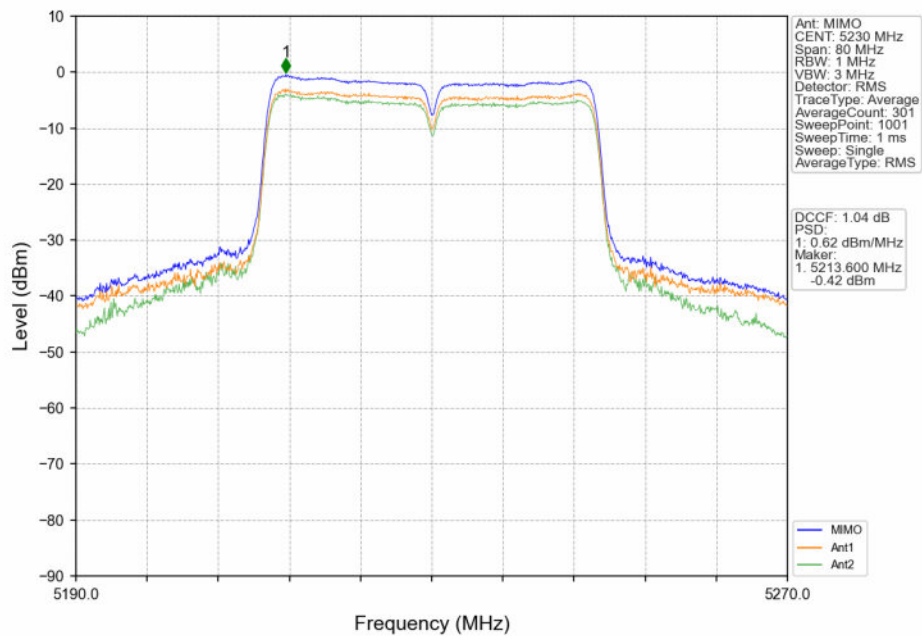
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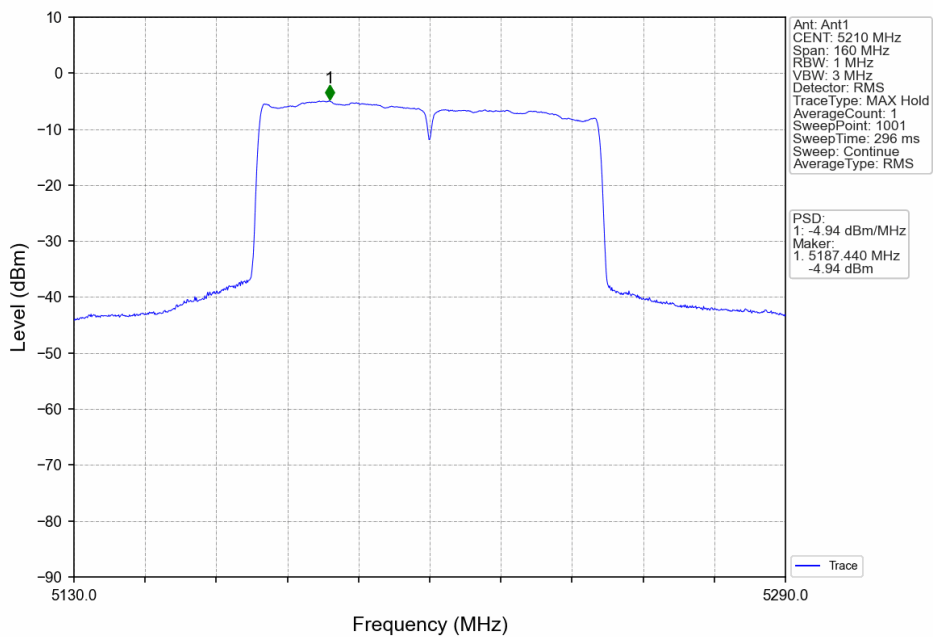
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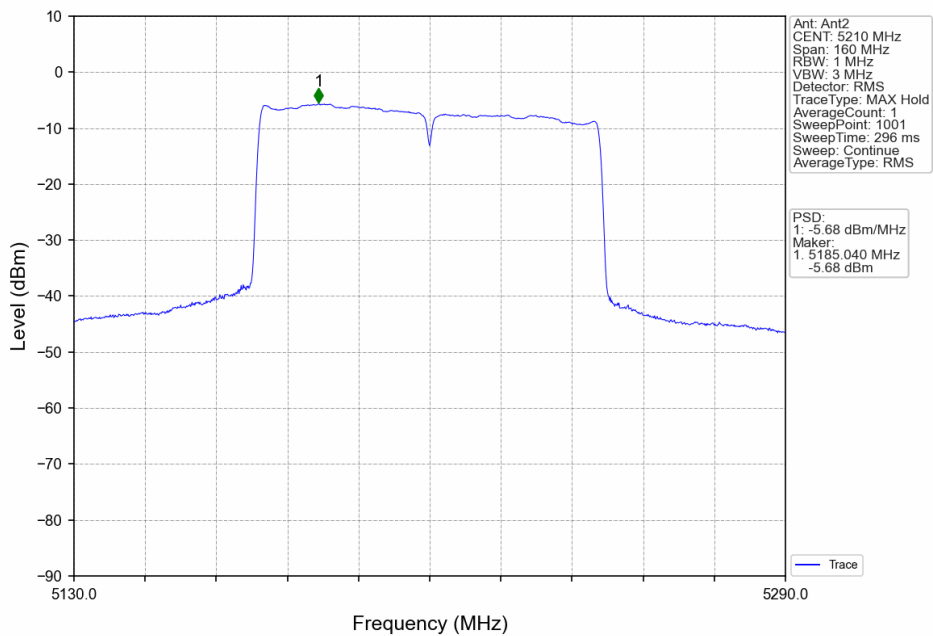
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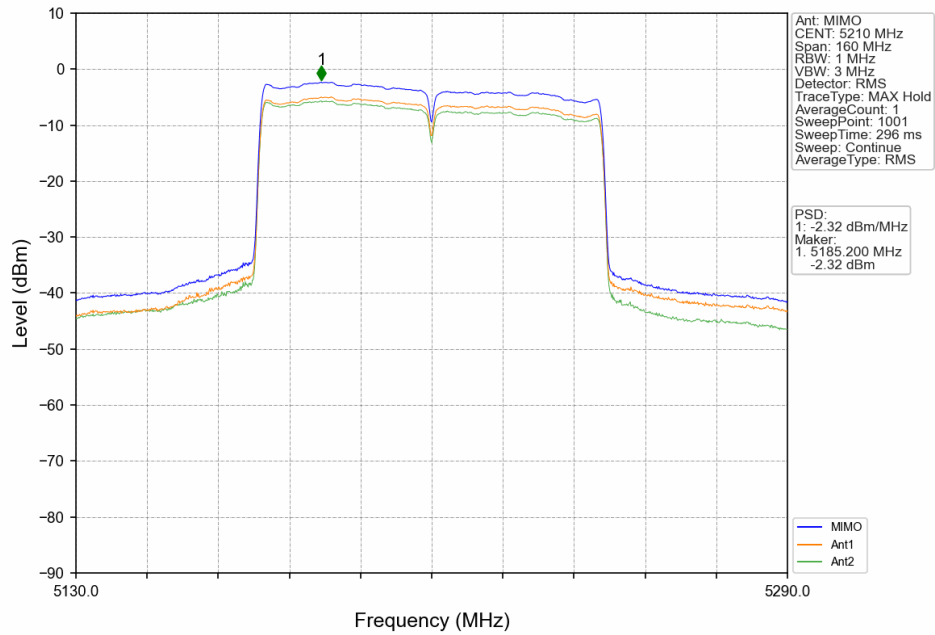
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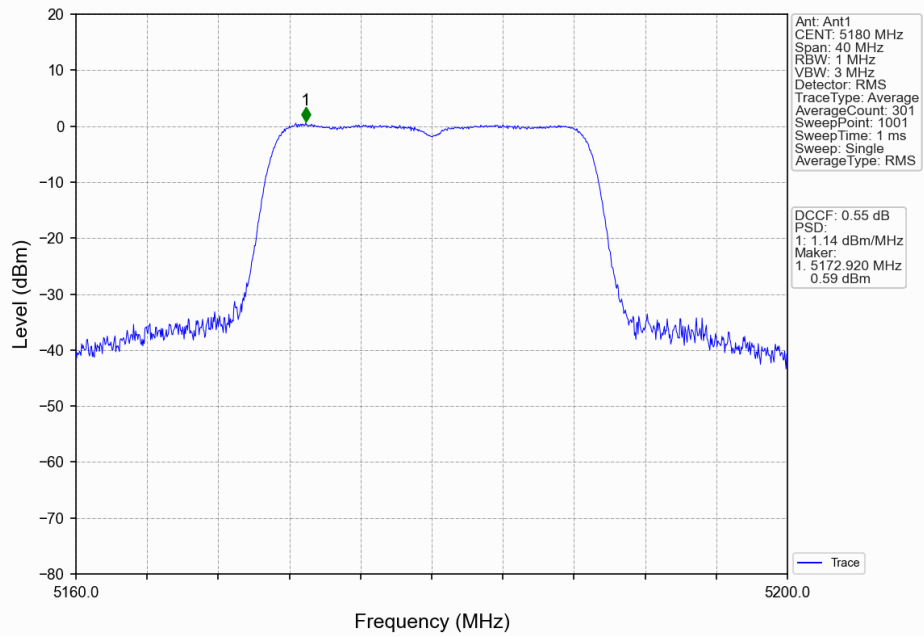
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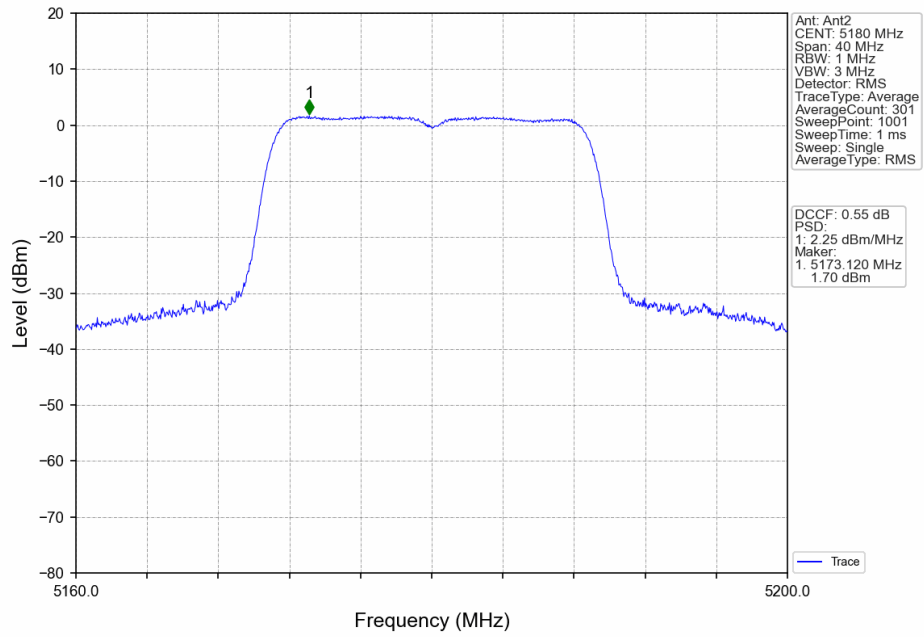
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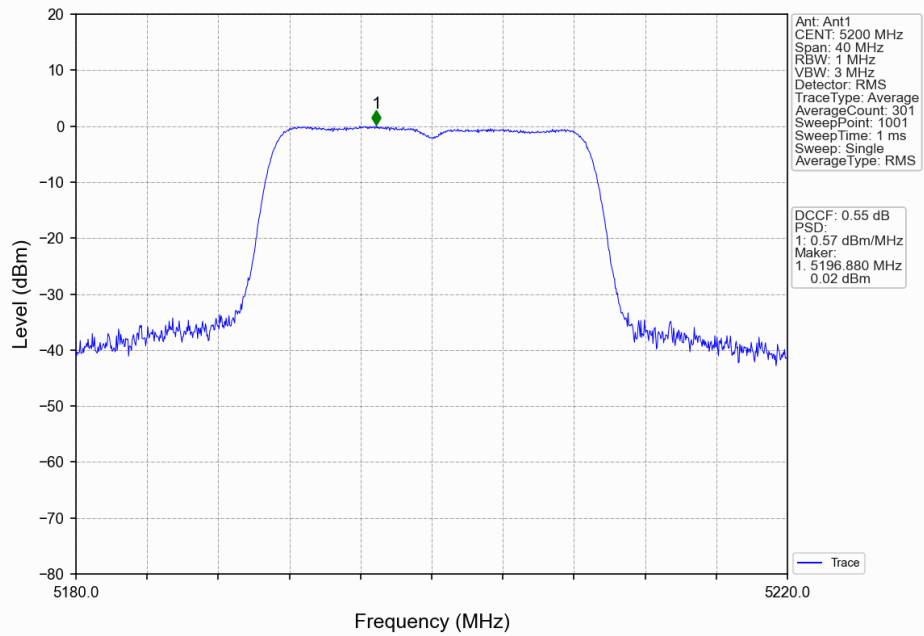
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



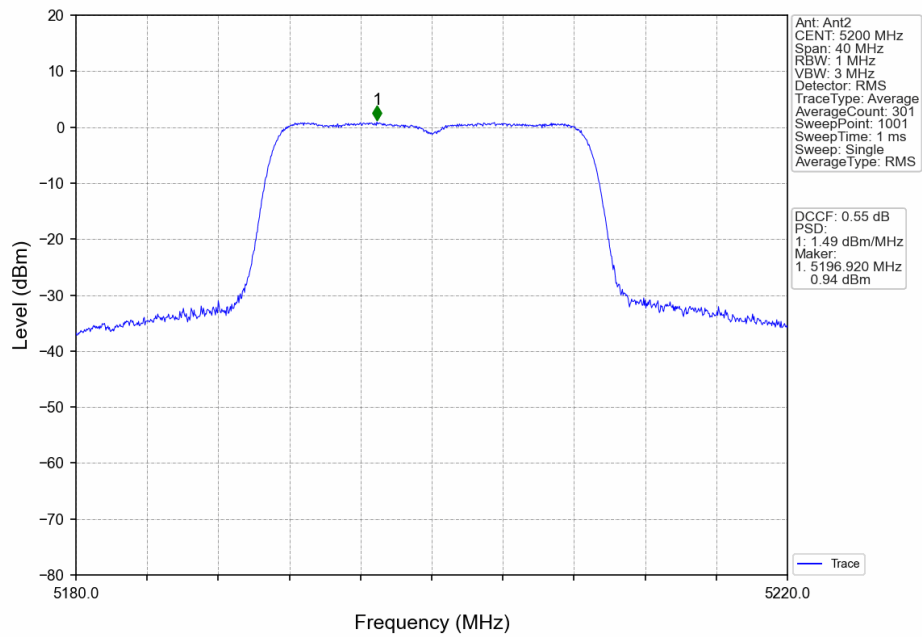
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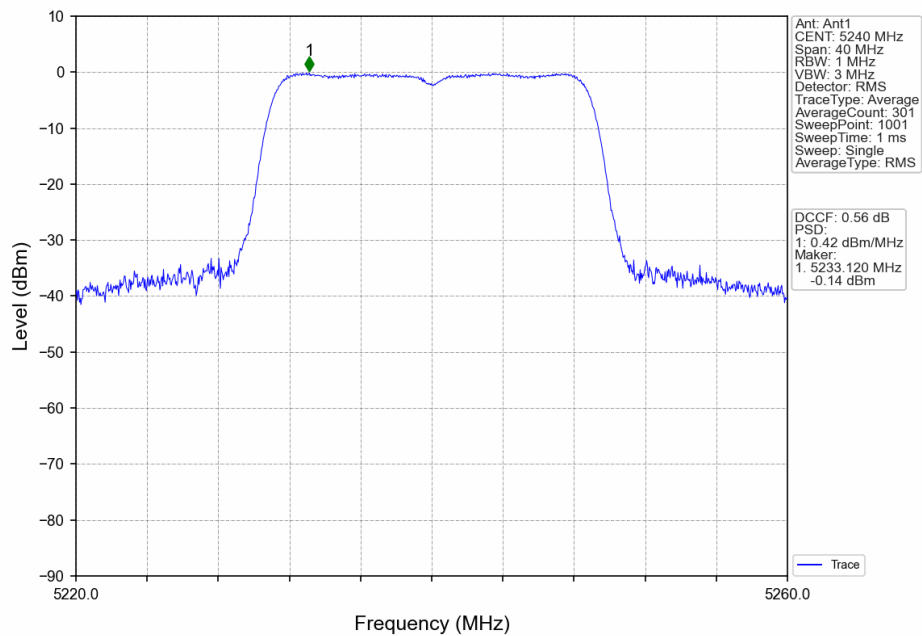
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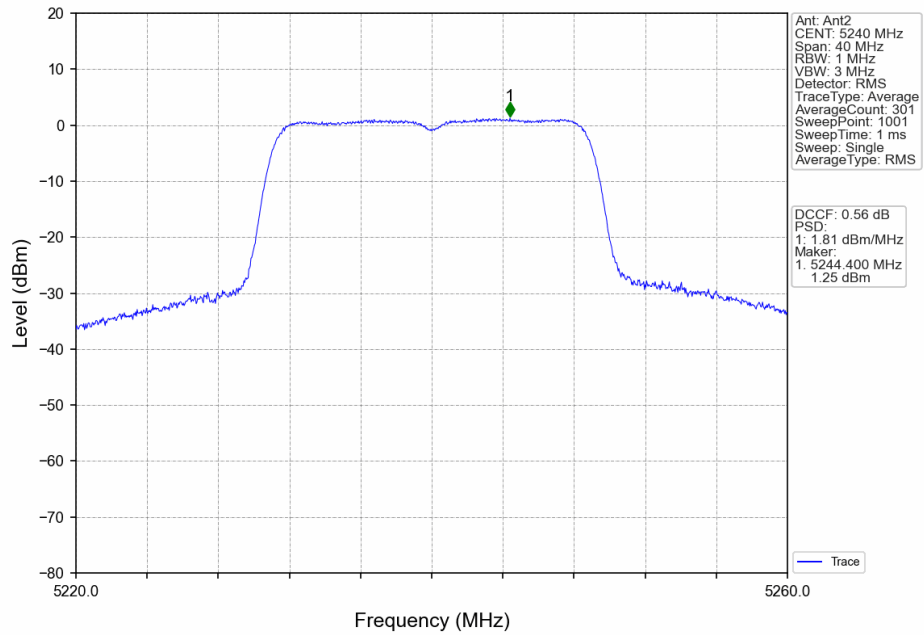
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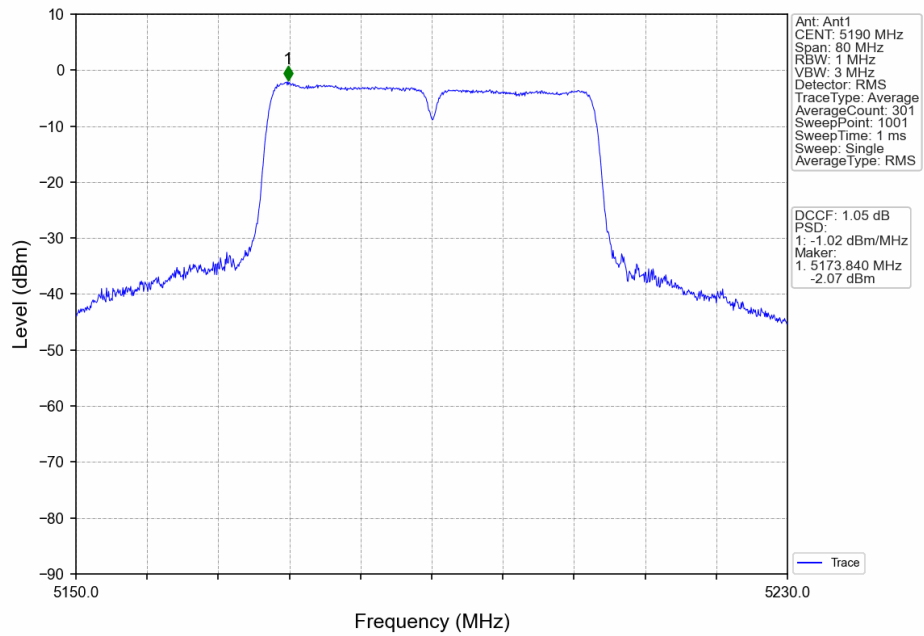
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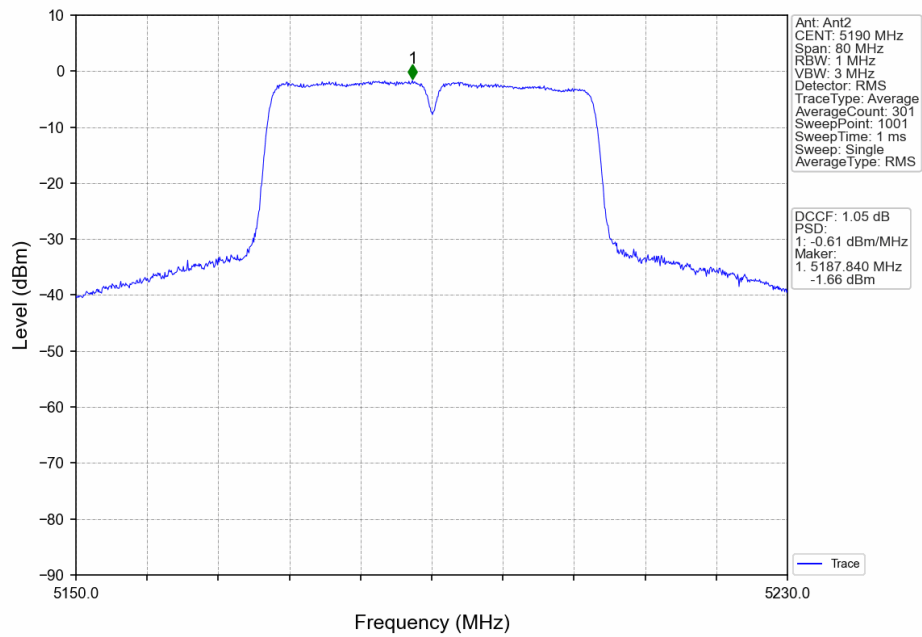
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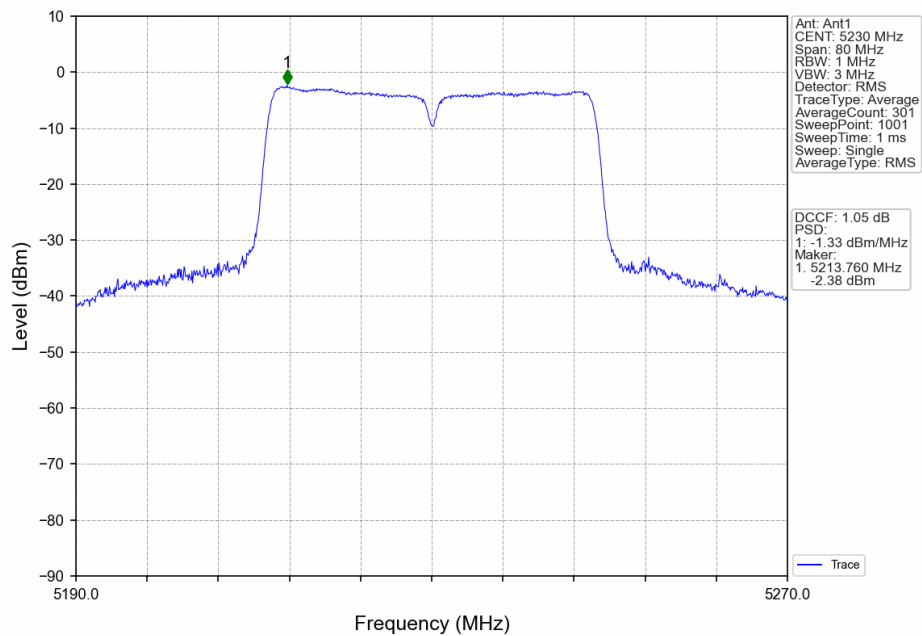
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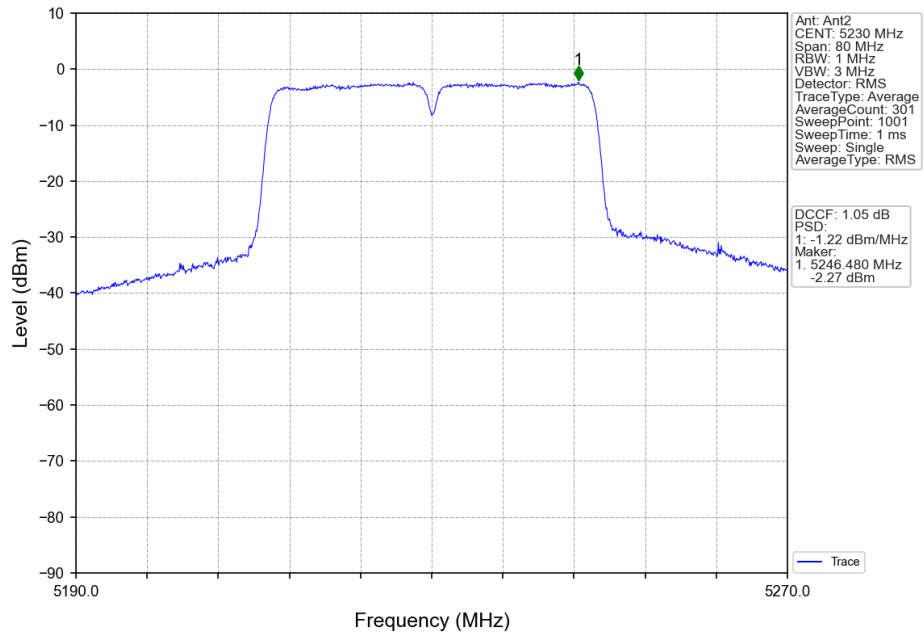
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant2_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV

