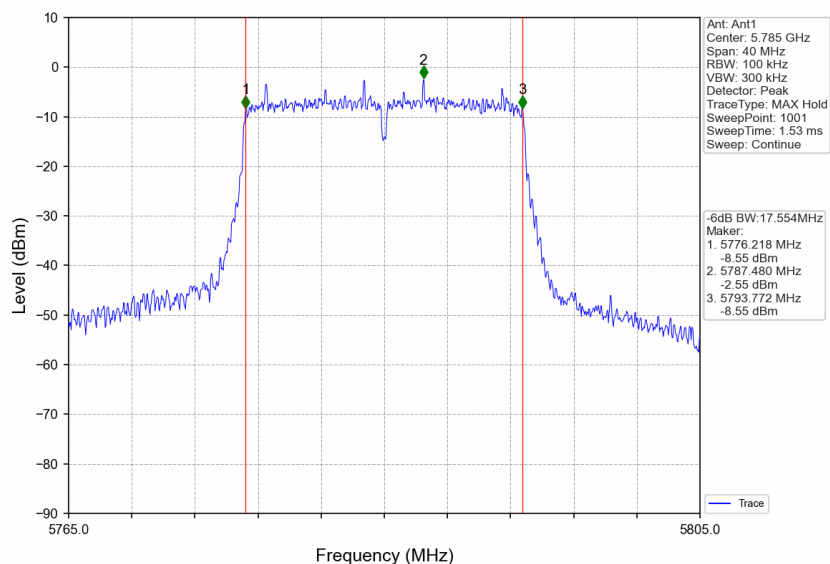
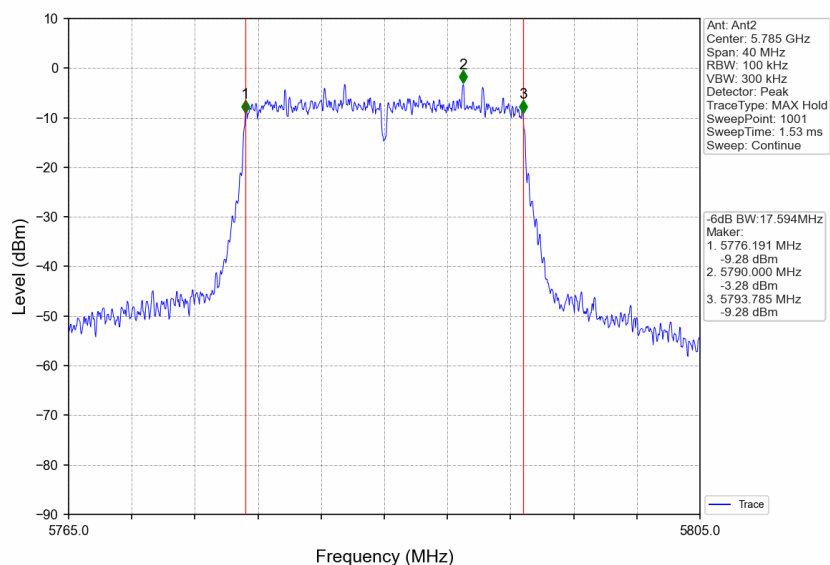


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



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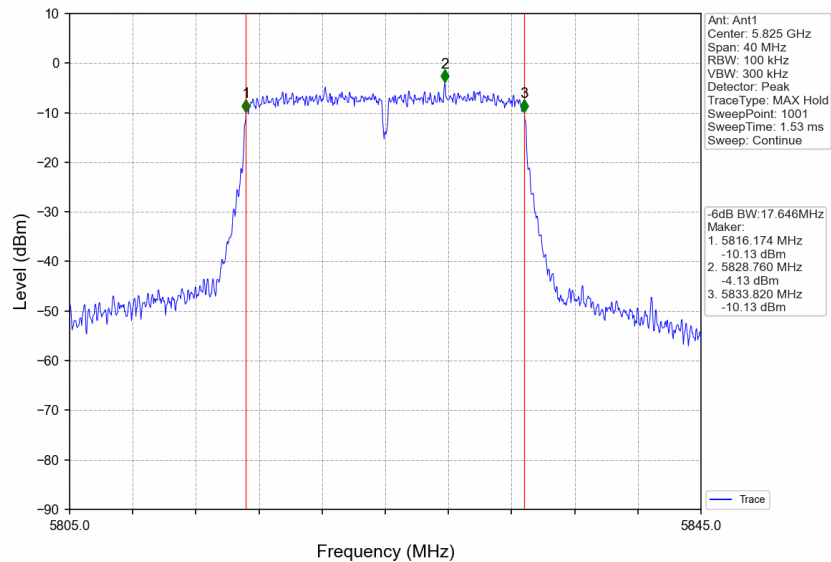
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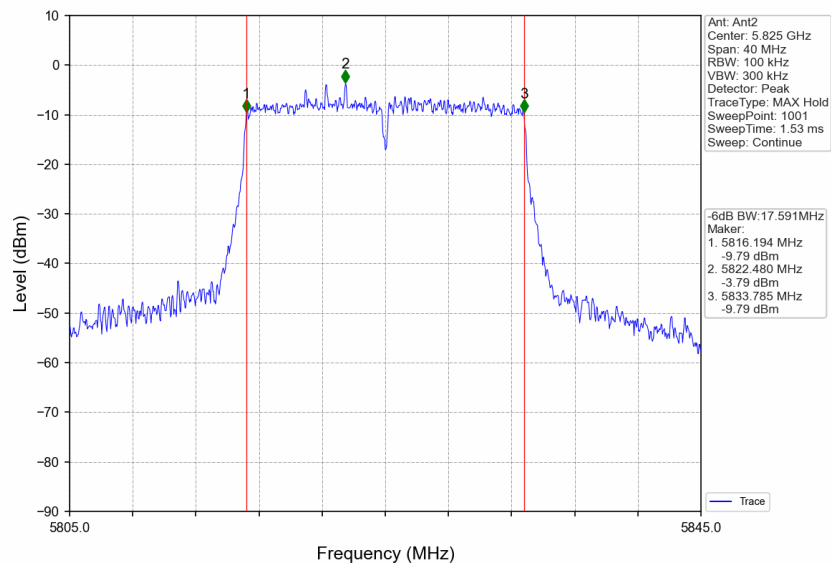
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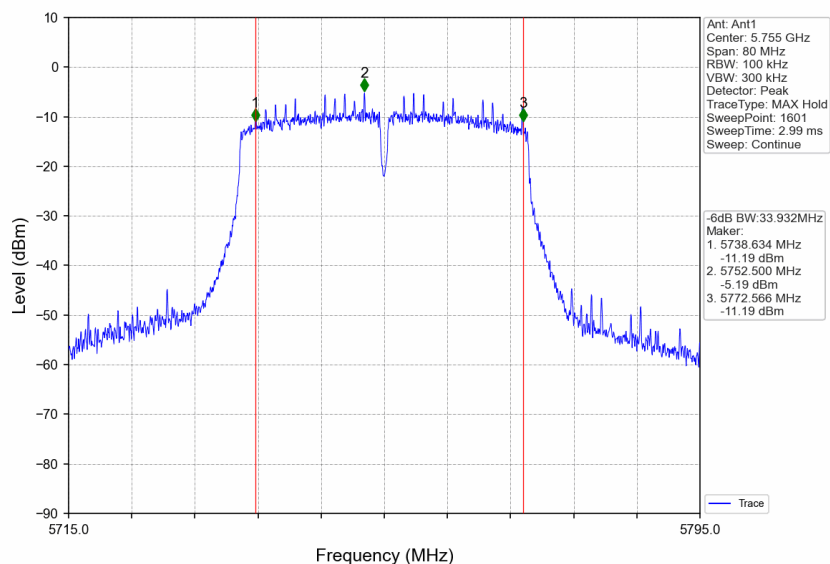
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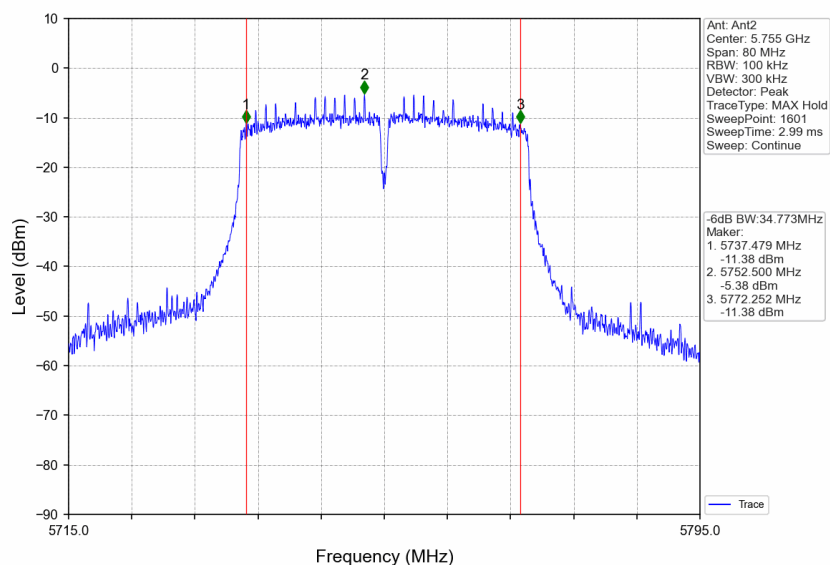
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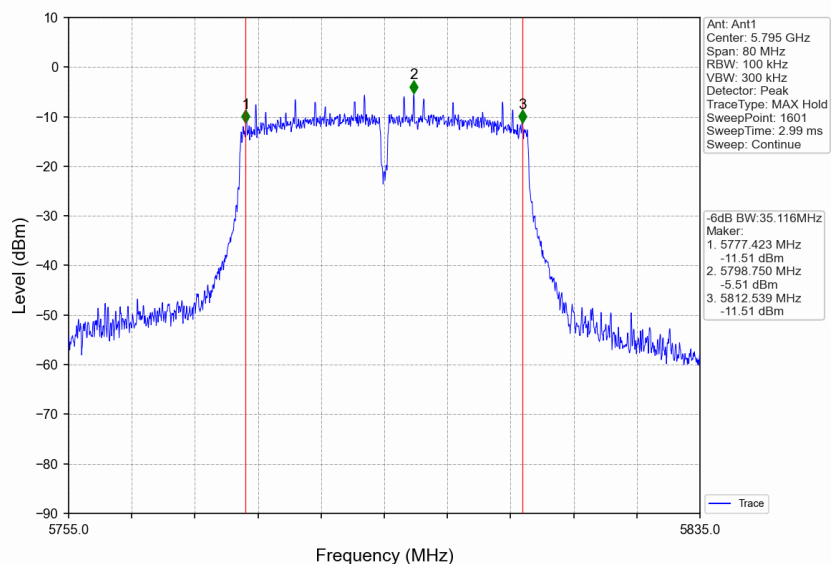
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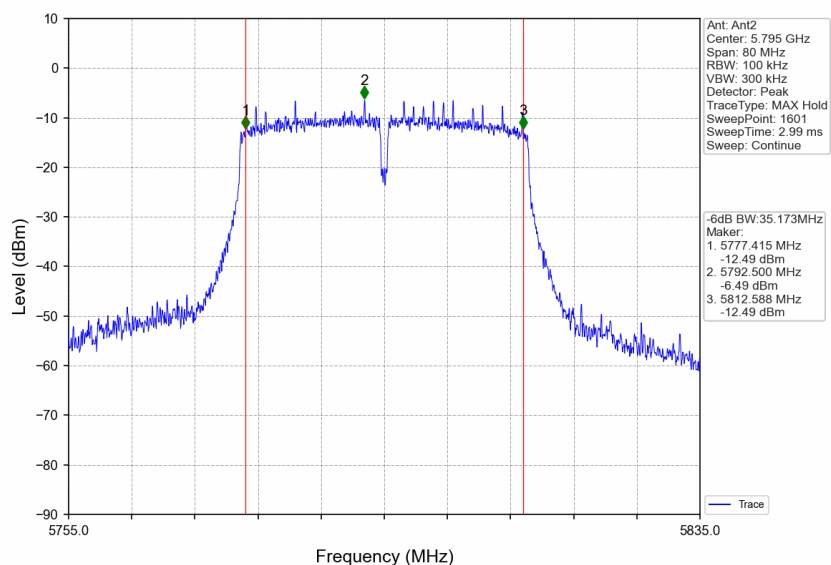
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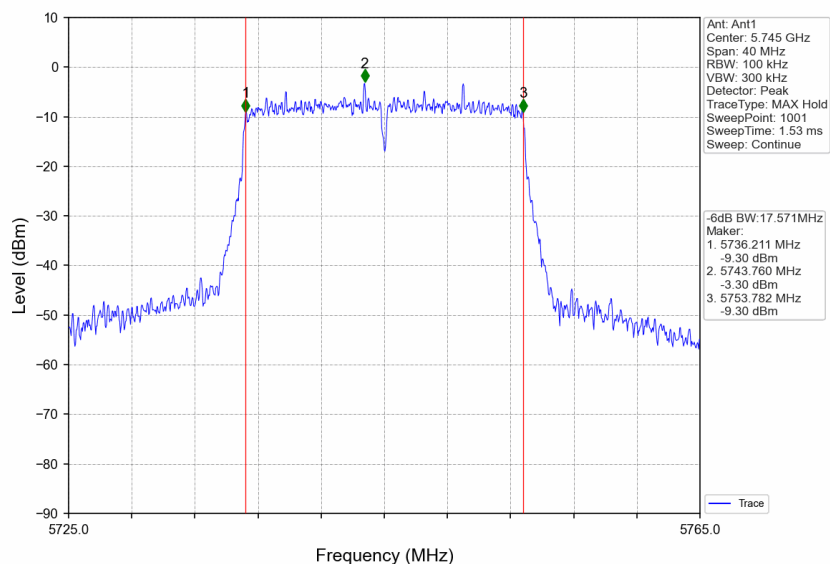
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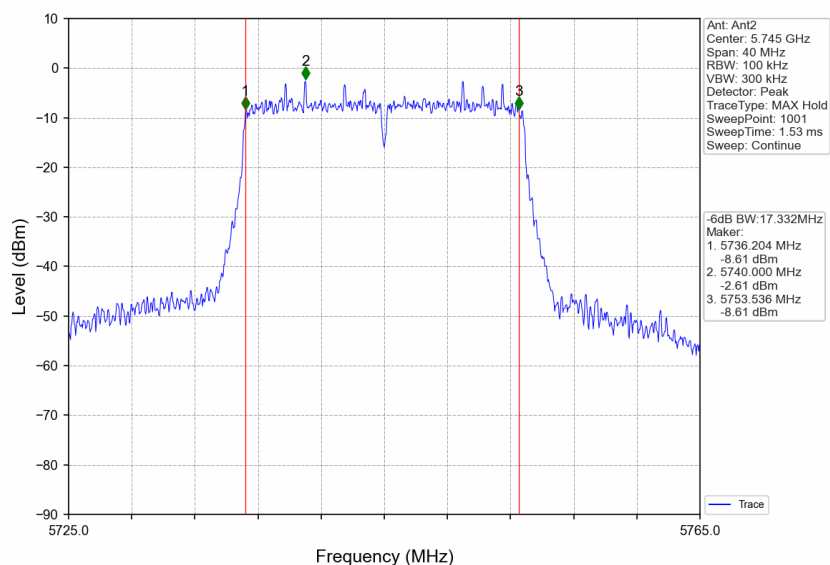
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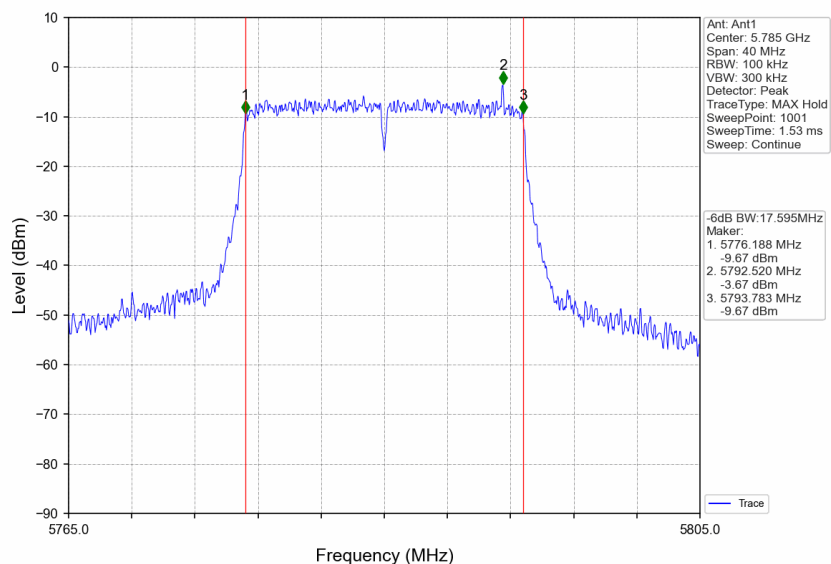
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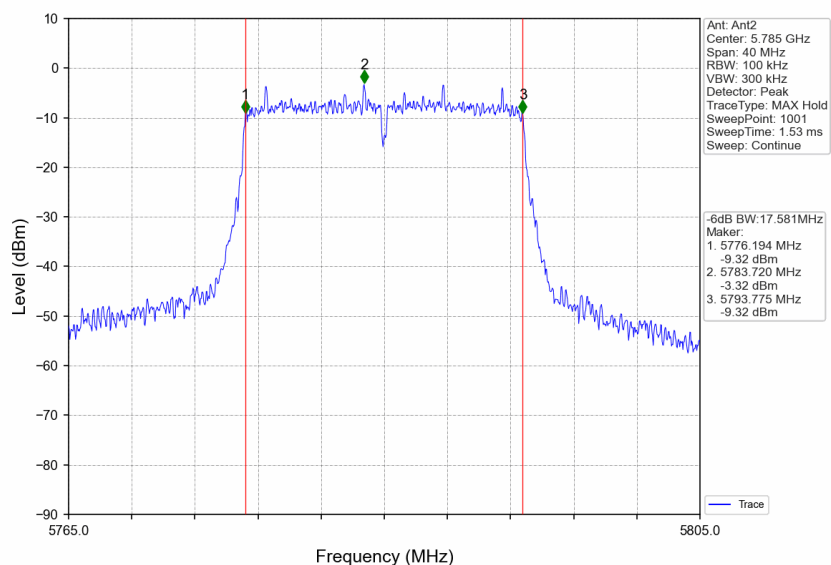
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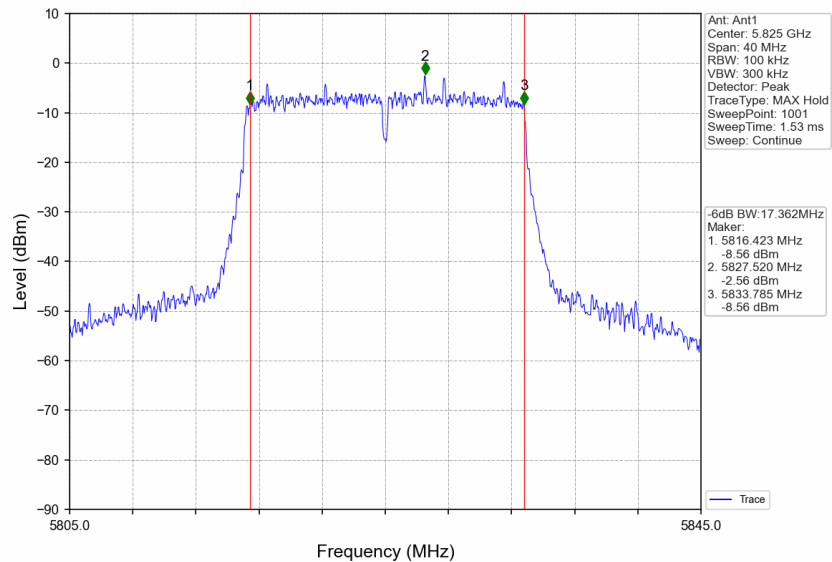
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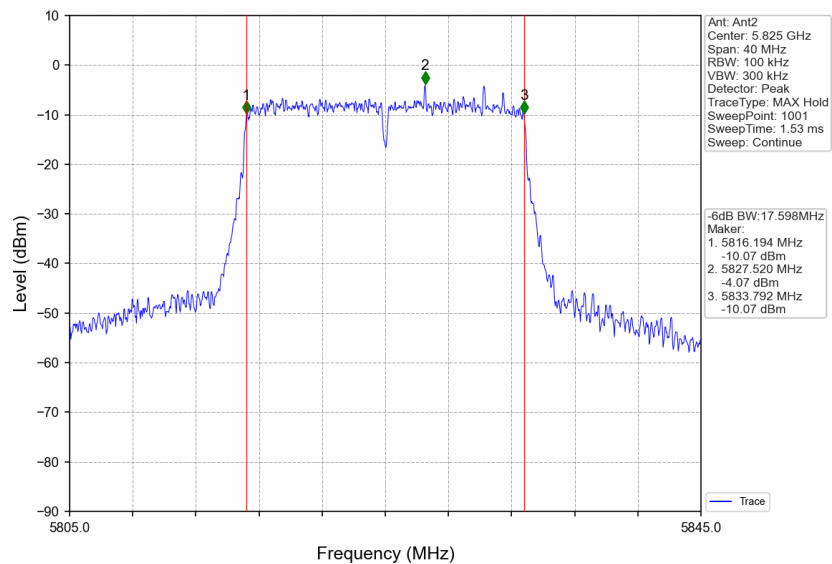
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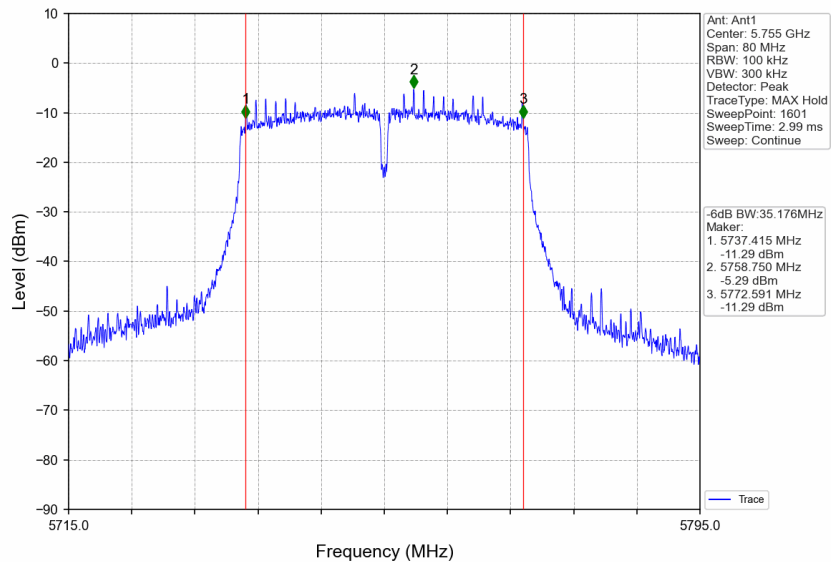
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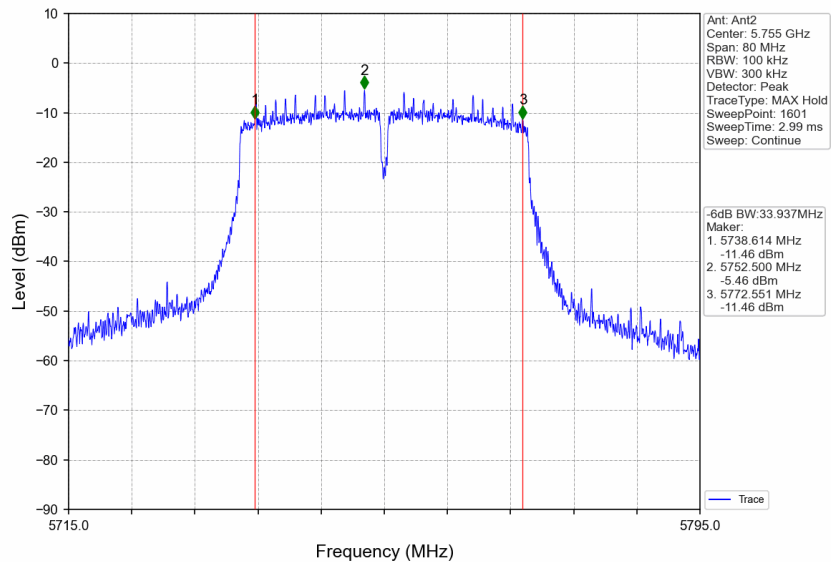
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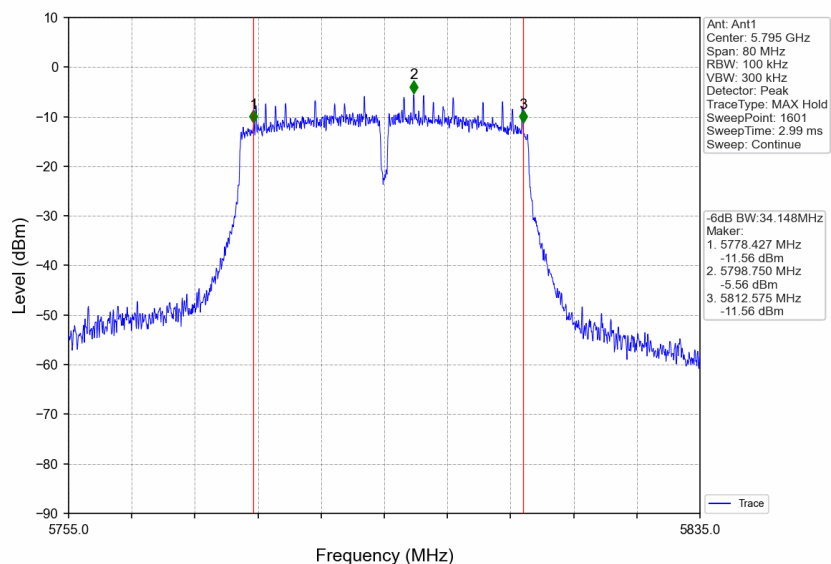
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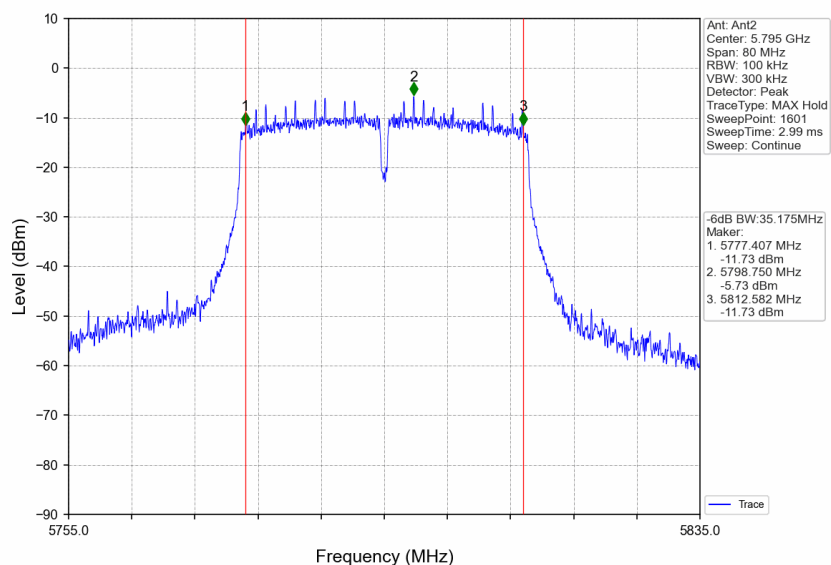
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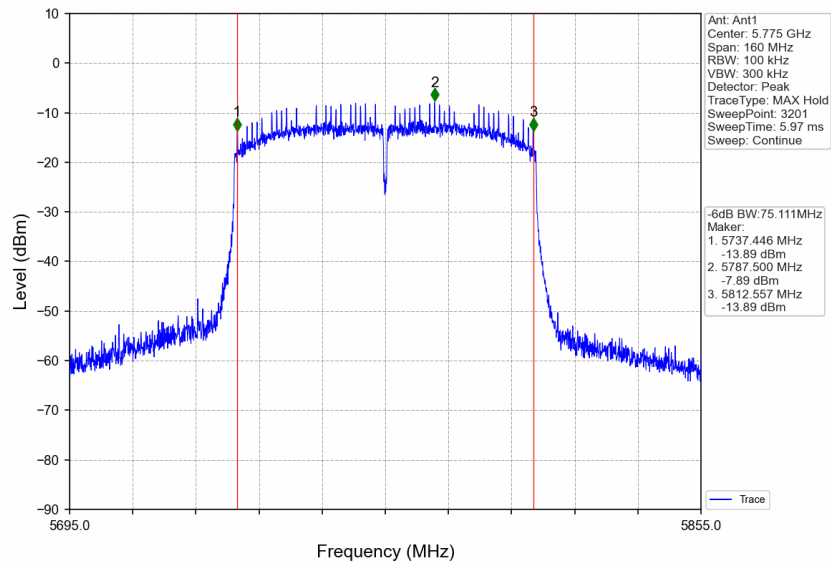
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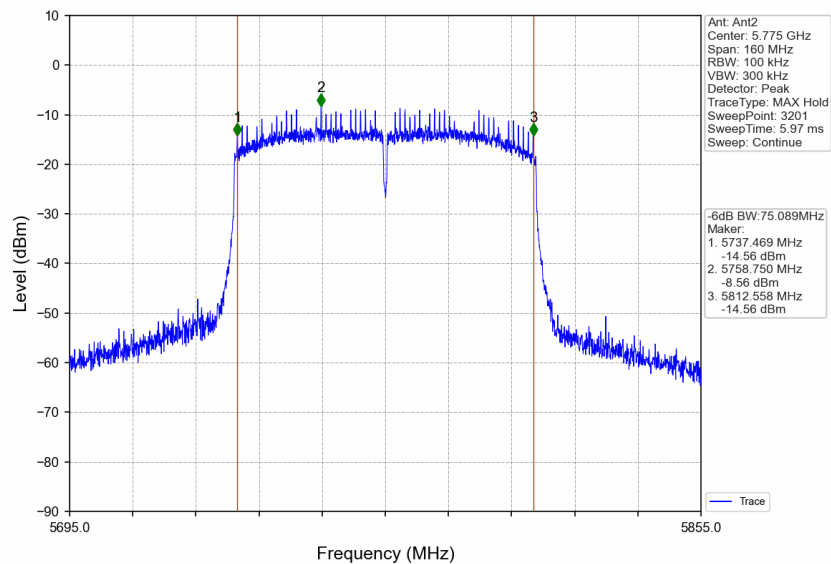
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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	19.292	Pass
			2	19.447	Pass
		5200	1	19.164	Pass
			2	19.330	Pass
		5240	1	19.433	Pass
			2	19.264	Pass
802.11n (HT20)	MIMO	5180	1	20.055	Pass
			2	20.175	Pass
		5200	1	20.101	Pass
			2	20.304	Pass
		5240	1	20.143	Pass
			2	20.276	Pass
802.11n (HT40)	MIMO	5190	1	42.539	Pass
			2	42.338	Pass
		5230	1	42.693	Pass
			2	42.677	Pass
802.11ac (VHT20)	MIMO	5180	1	19.984	Pass
			2	20.140	Pass
		5200	1	20.078	Pass
			2	20.058	Pass
		5240	1	19.961	Pass
			2	20.071	Pass
802.11ac (VHT40)	MIMO	5190	1	42.615	Pass
			2	42.149	Pass
		5230	1	42.603	Pass
			2	42.532	Pass
802.11ac (VHT80)	MIMO	5210	1	82.494	Pass
			2	83.518	Pass



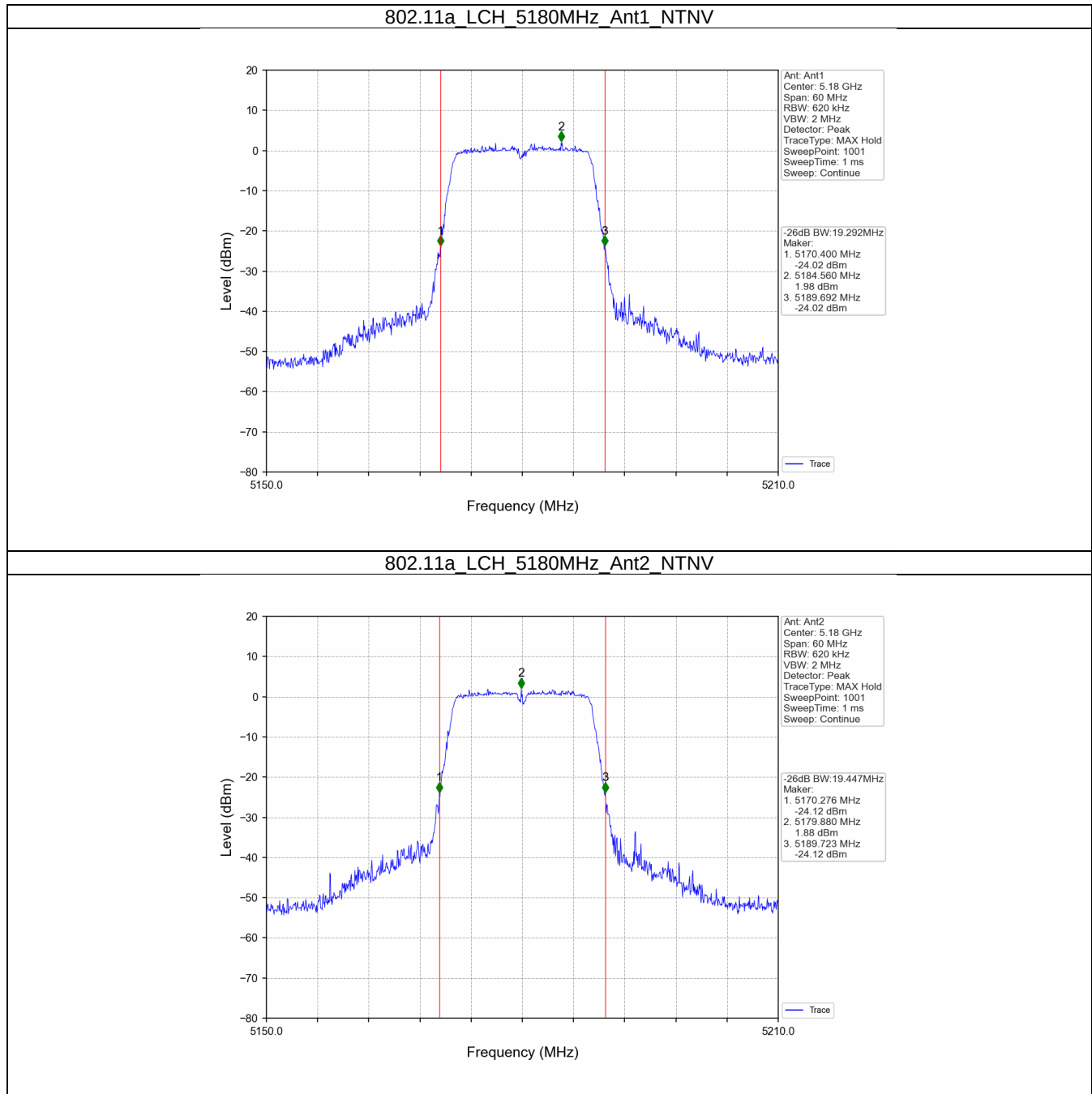
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2.3.2 Test Graph

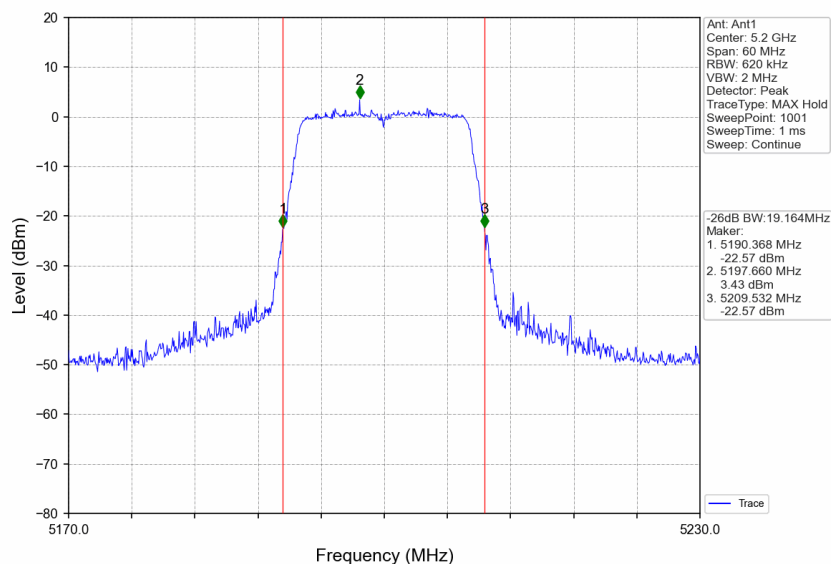


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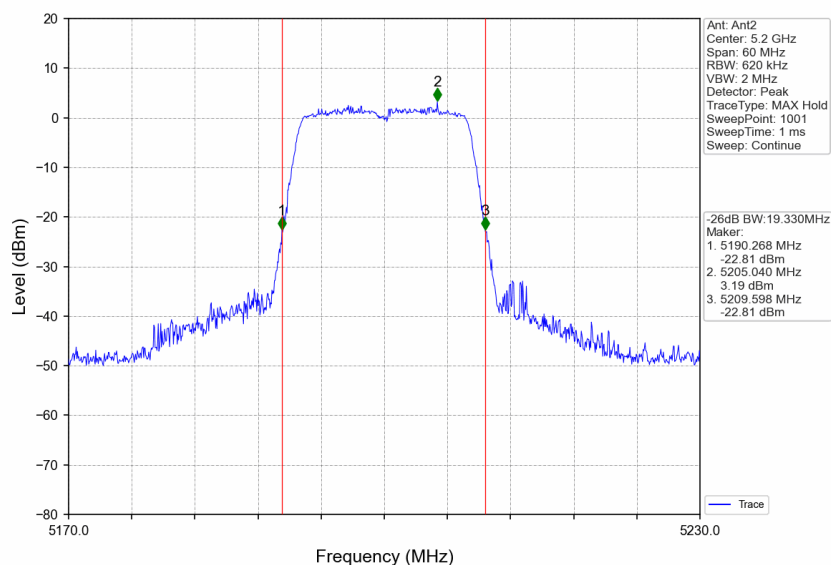
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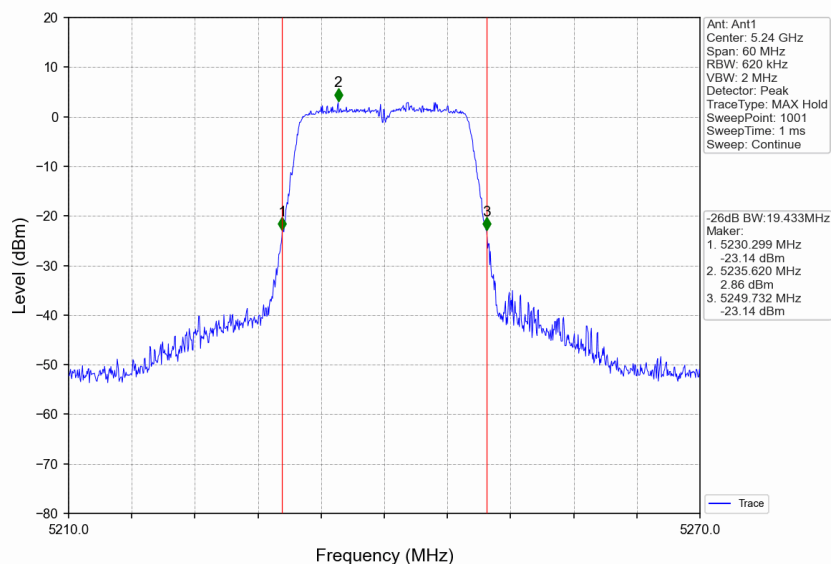
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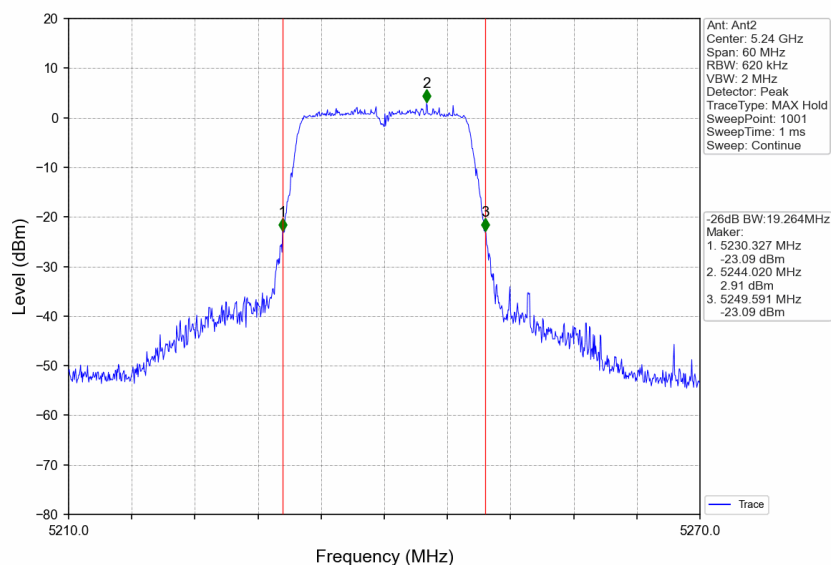
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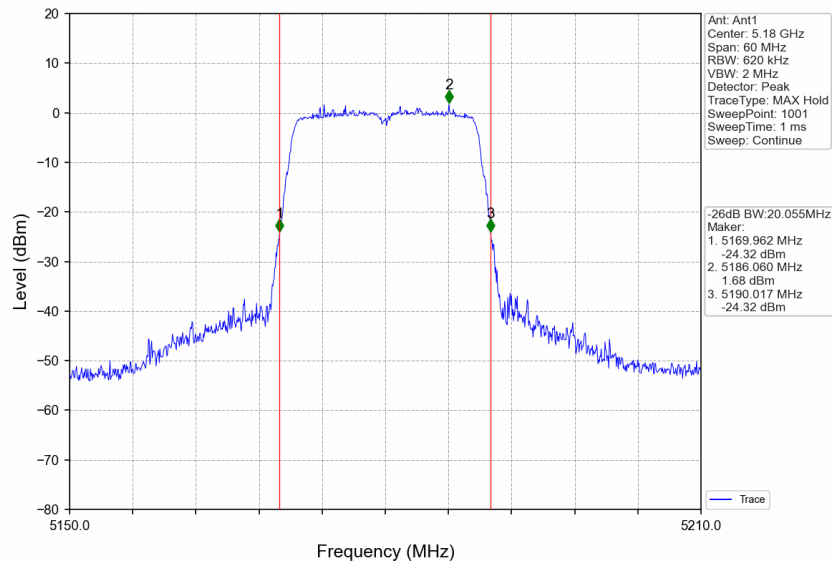
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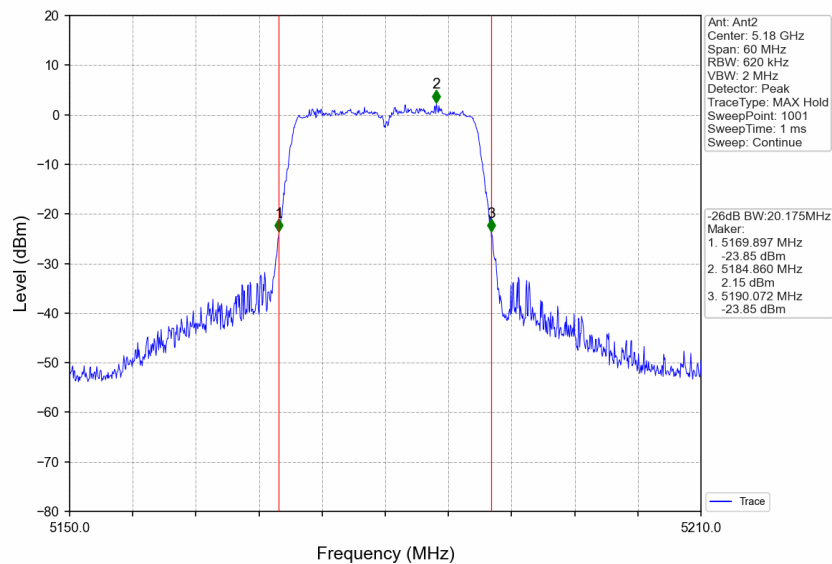
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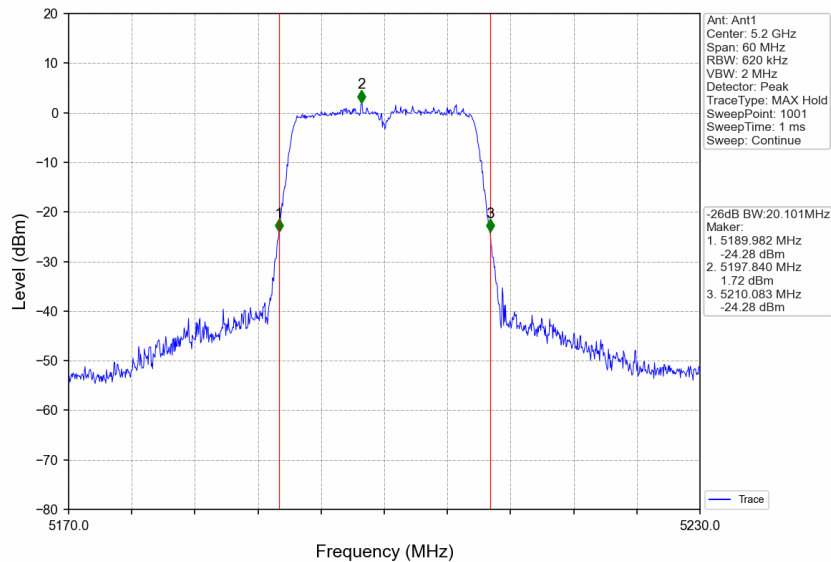
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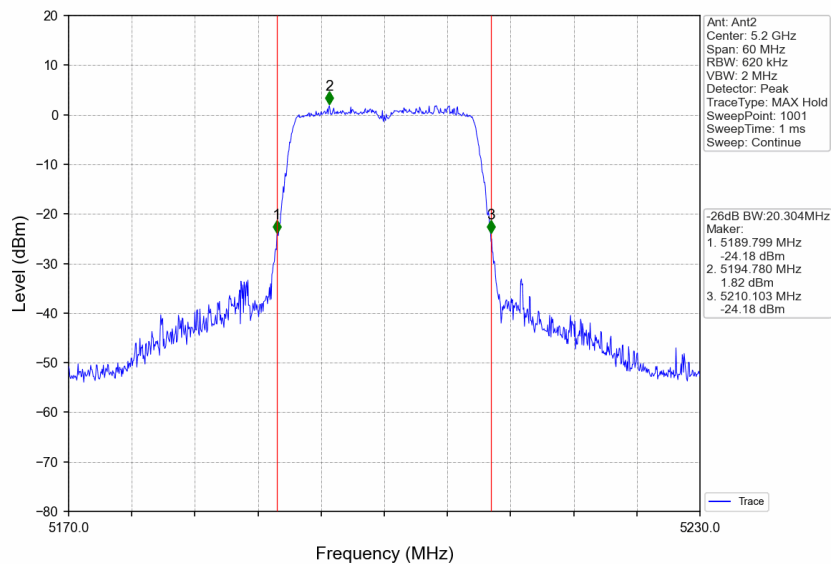
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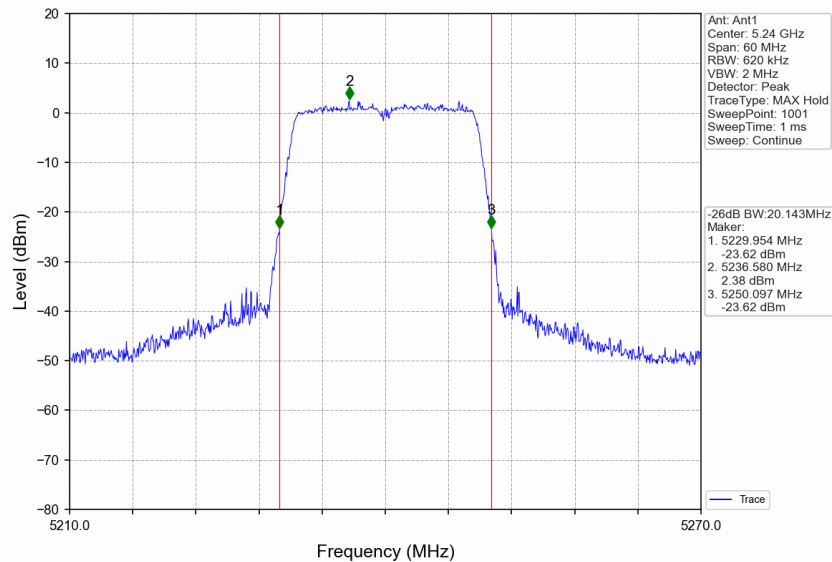
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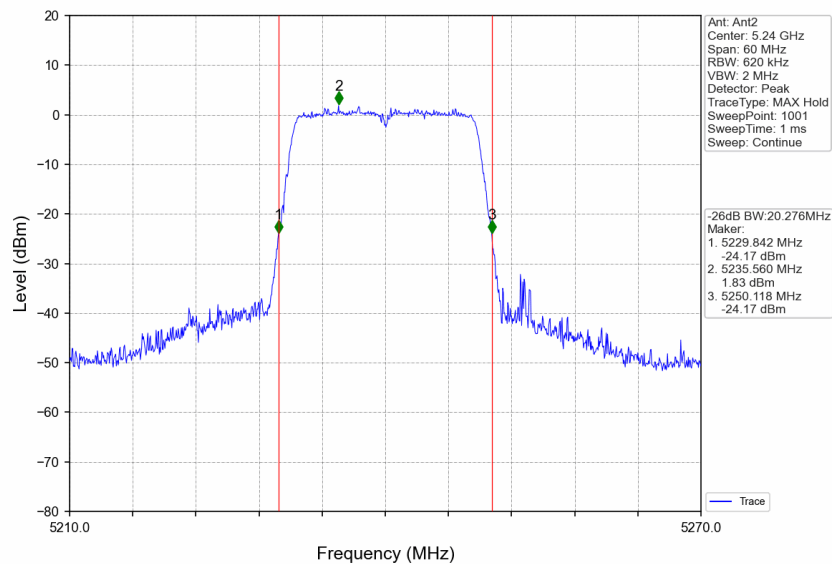
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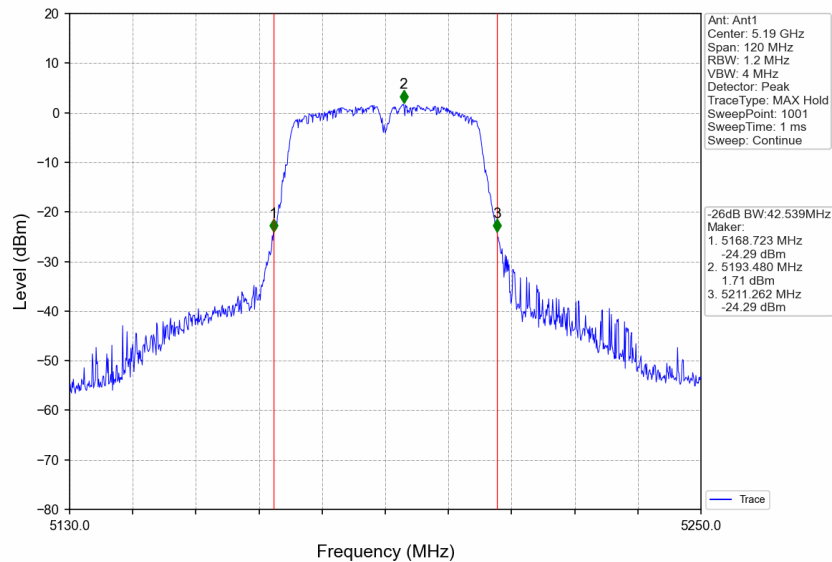
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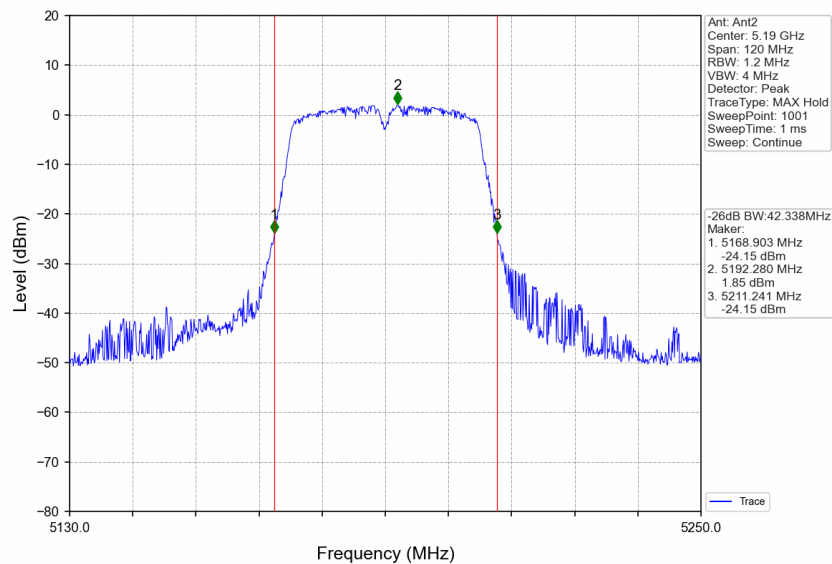
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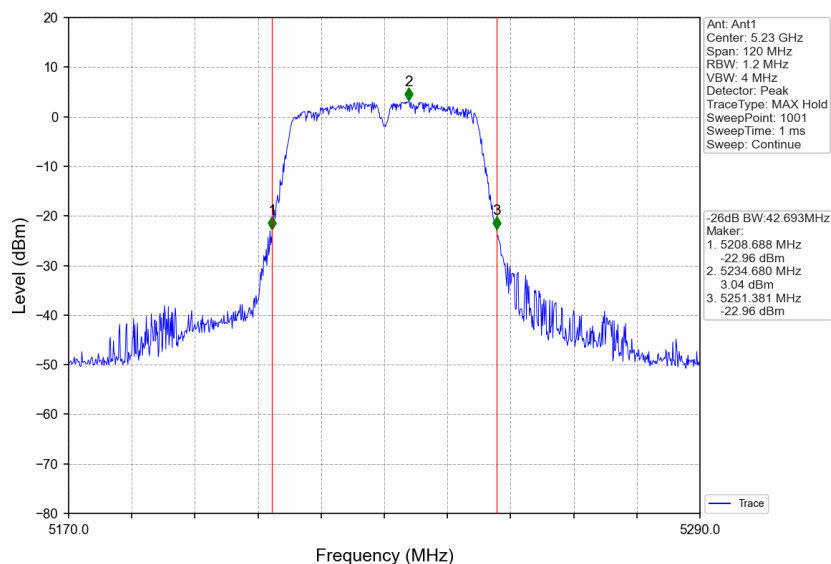
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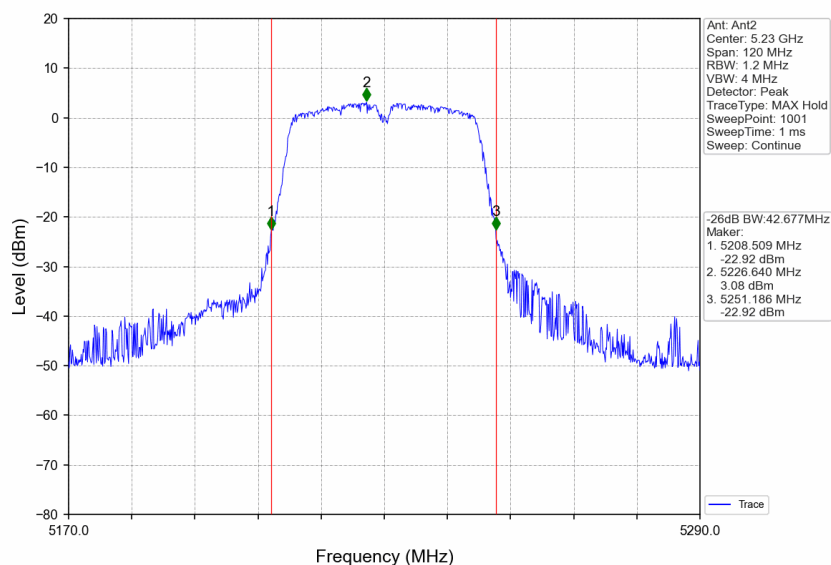
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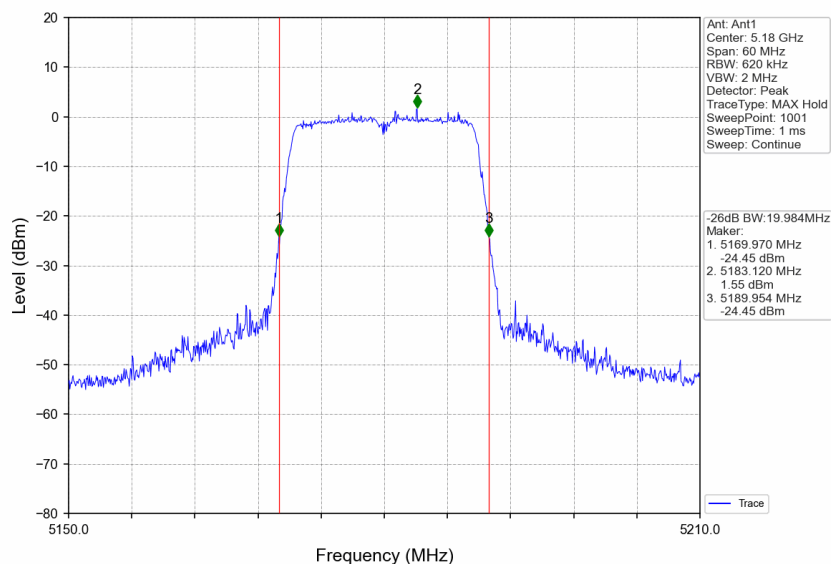
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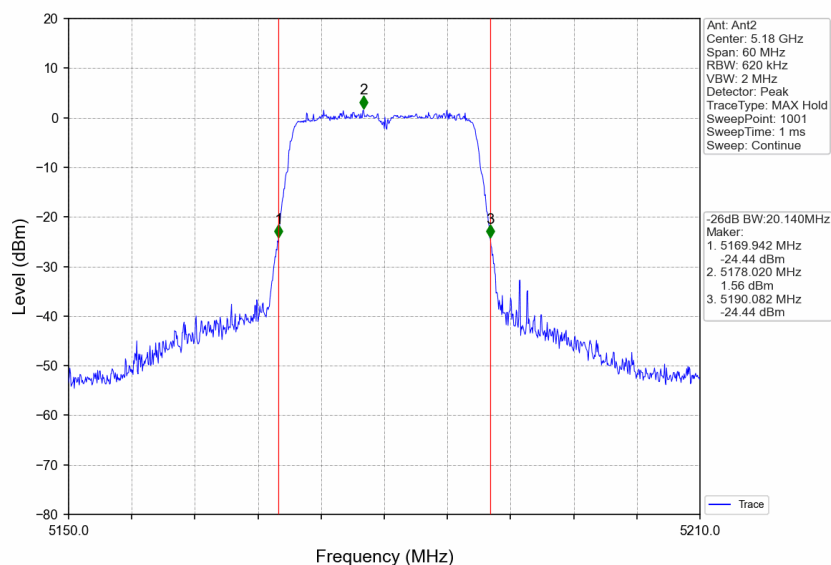
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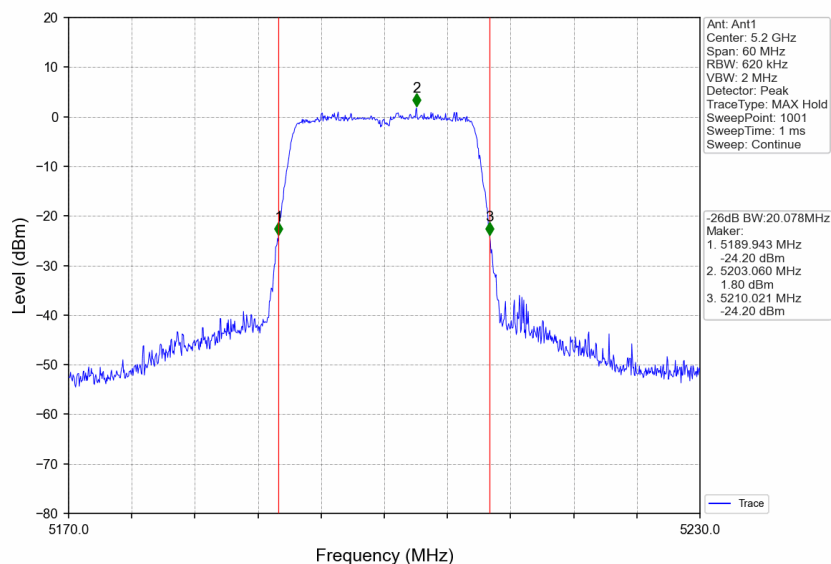
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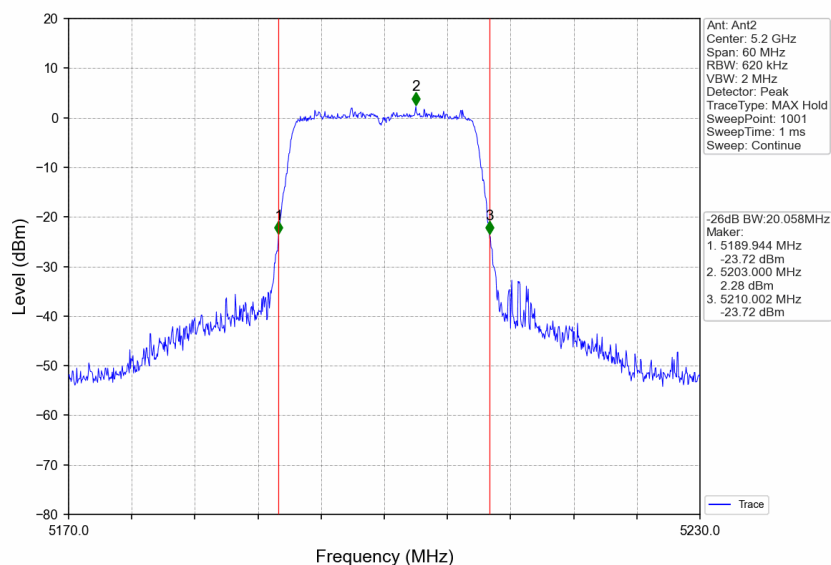
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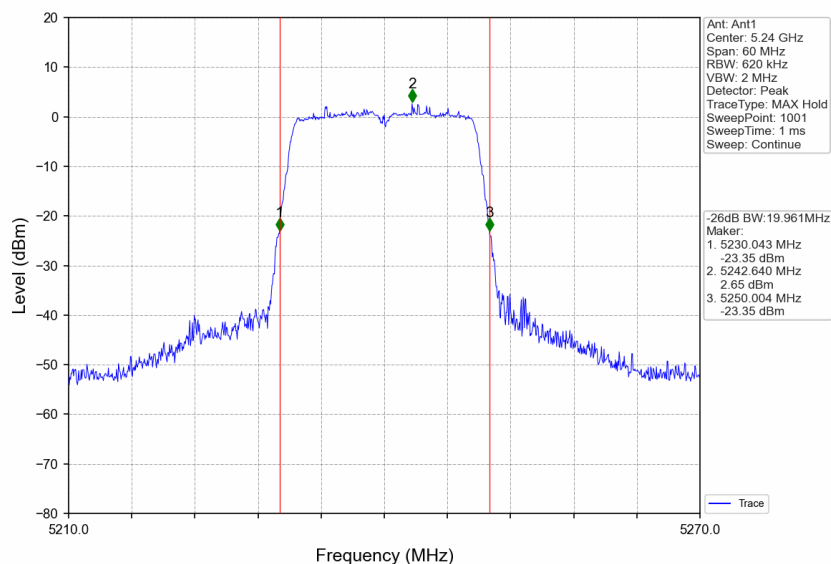
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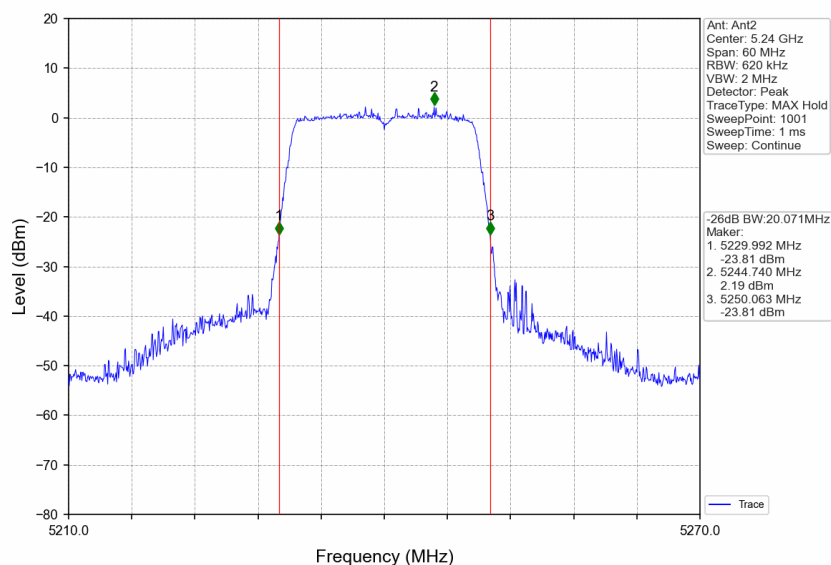
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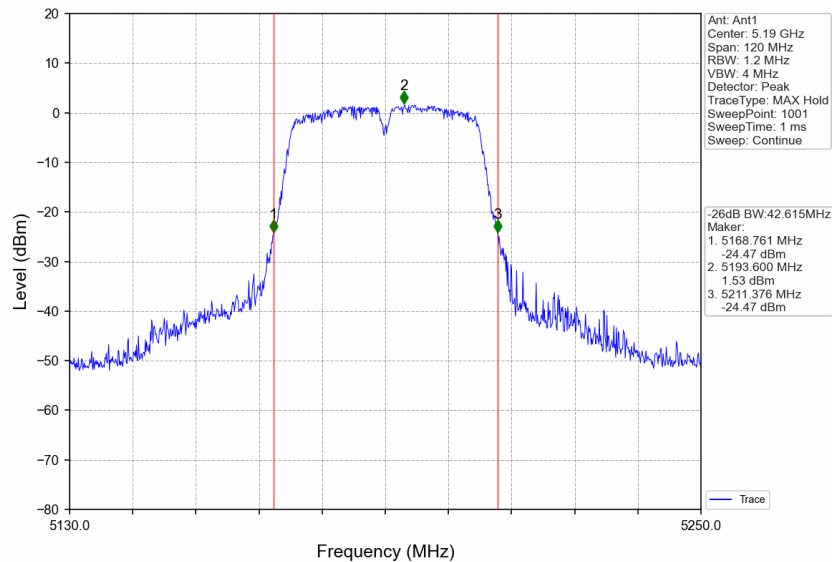
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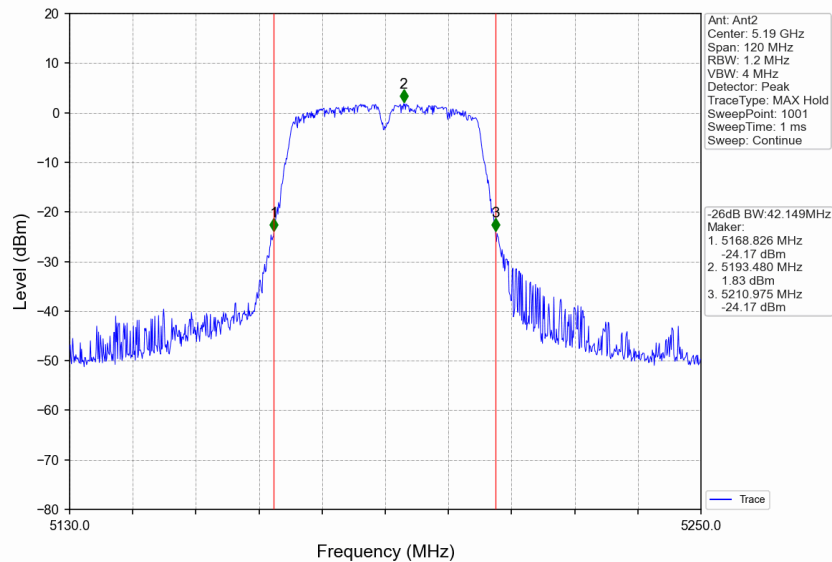
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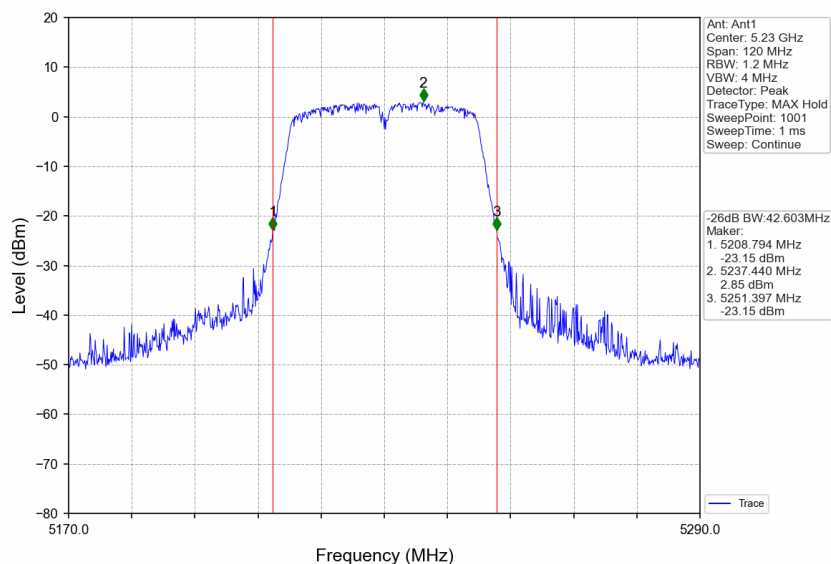
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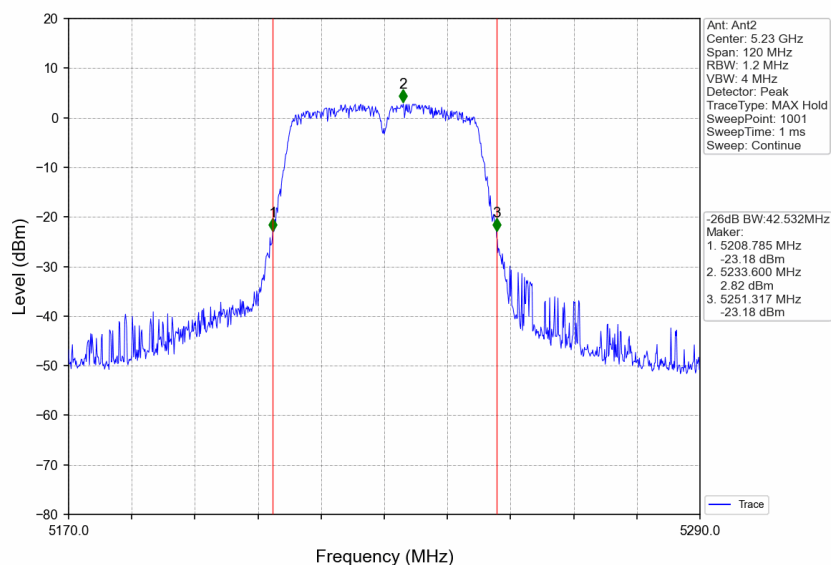
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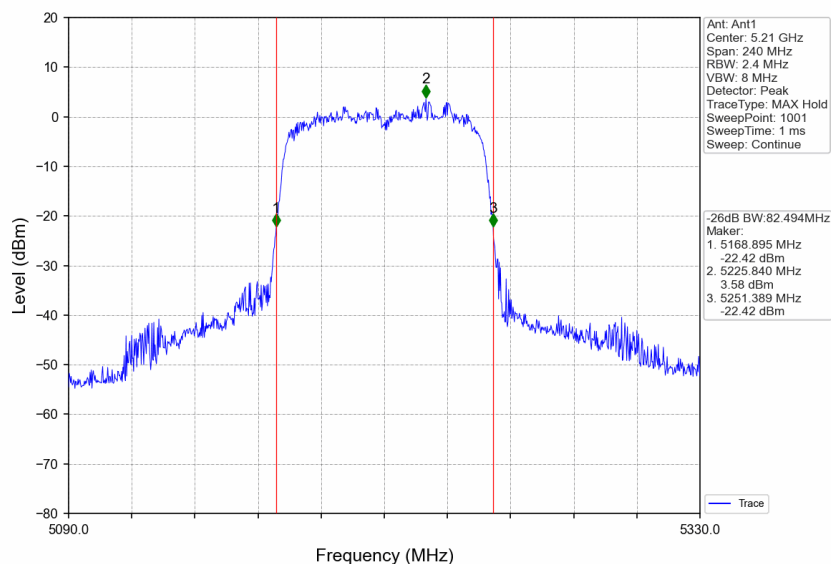
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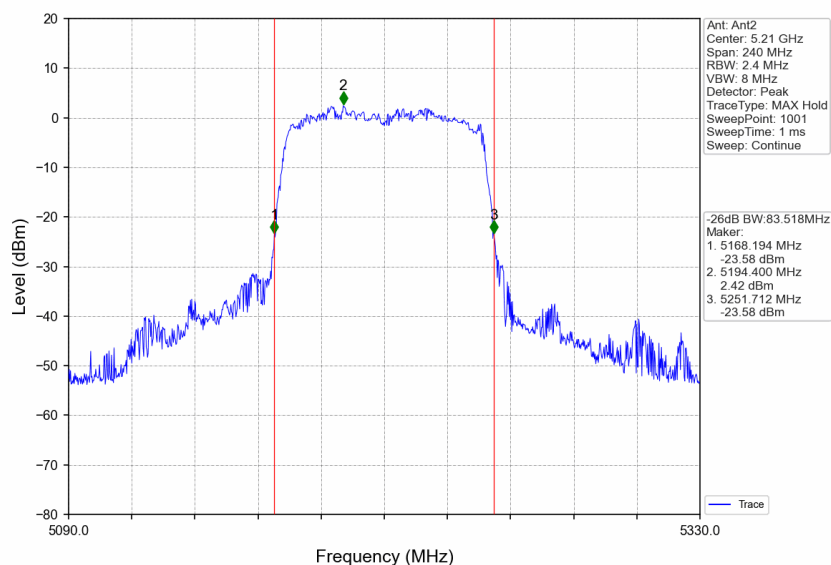
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result for FCC

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Ant1	Ant2	MIMO	Limit	
802.11a	SISO	5180	7.46	8.06	/	<=23.98	Pass
		5200	7.57	8.14	/	<=23.98	Pass
		5240	8.44	8.01	/	<=23.98	Pass
		5745	8.51	8.61	/	<=30	Pass
		5785	8.77	8.48	/	<=30	Pass
		5825	9.31	8.30	/	<=30	Pass
802.11n (HT20)	MIMO	5180	7.17	7.73	10.47	<=23.63	Pass
		5200	7.49	7.81	10.66	<=23.63	Pass
		5240	8.33	7.72	11.05	<=23.63	Pass
		5745	8.43	8.32	11.39	<=29.65	Pass
		5785	8.40	8.22	11.32	<=29.65	Pass
		5825	8.90	7.98	11.47	<=29.65	Pass
802.11n (HT40)	MIMO	5190	5.94	6.23	9.10	<=23.63	Pass
		5230	7.40	7.26	10.34	<=23.63	Pass
		5755	8.07	7.98	11.04	<=29.65	Pass
		5795	7.97	7.71	10.85	<=29.65	Pass
802.11ac (VHT20)	MIMO	5180	6.69	7.62	10.19	<=23.63	Pass
		5200	6.92	7.67	10.32	<=23.63	Pass
		5240	7.67	7.51	10.60	<=23.63	Pass
		5745	7.87	8.13	11.01	<=29.65	Pass
		5785	8.01	8.00	11.02	<=29.65	Pass
		5825	8.75	7.83	11.32	<=29.65	Pass
802.11ac (VHT40)	MIMO	5190	5.96	6.14	9.06	<=23.63	Pass
		5230	7.32	7.23	10.29	<=23.63	Pass
		5755	8.00	7.94	10.98	<=29.65	Pass
		5795	7.92	7.70	10.82	<=29.65	Pass
802.11ac (VHT80)	MIMO	5210	5.25	5.53	8.40	<=23.63	Pass
		5775	8.47	7.83	11.17	<=29.65	Pass

Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi;
Note2: Directional Gain: 6.35dBi

3.1.2 Test Result for IC

Mode	TX Type	Frequency (MHz)	E.I.R.P (dBm)			E.I.R.P (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	MIMO	Ant1	Ant2	MIMO		
802.11a	SISO	5180	7.46	8.06	/	10.52	11.66	/	<=23.01	Pass
		5200	7.57	8.14	/	10.63	11.74	/	<=23.01	Pass
		5240	8.44	8.01	/	11.50	11.61	/	<=23.01	Pass
		5745	8.51	8.61	/	/	/	/	/	Pass



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		5785	8.77	8.48	/	/	/	/	/	Pass
		5825	9.31	8.30	/	/	/	/	/	Pass
802.11n (HT20)	MIMO	5180	7.17	7.73	10.47	10.23	11.33	13.83	<=23.01	Pass
		5200	7.49	7.81	10.66	10.55	11.41	14.01	<=23.01	Pass
		5240	8.33	7.72	11.05	11.39	11.32	14.37	<=23.01	Pass
		5745	8.43	8.32	11.39	/	/	/	/	Pass
		5785	8.40	8.22	11.32	/	/	/	/	Pass
		5825	8.90	7.98	11.47	/	/	/	/	Pass
802.11n (HT40)	MIMO	5190	5.94	6.23	9.10	9.00	9.83	12.45	<=23.01	Pass
		5230	7.40	7.26	10.34	10.46	10.86	13.67	<=23.01	Pass
		5755	8.07	7.98	11.04	/	/	/	/	Pass
		5795	7.97	7.71	10.85	/	/	/	/	Pass
802.11ac (VHT20)	MIMO	5180	6.69	7.62	10.19	9.75	11.22	13.56	<=23.01	Pass
		5200	6.92	7.67	10.32	9.98	11.27	13.68	<=23.01	Pass
		5240	7.67	7.51	10.60	10.73	11.11	13.93	<=23.01	Pass
		5745	7.87	8.13	11.01	/	/	/	/	Pass
		5785	8.01	8.00	11.02	/	/	/	/	Pass
		5825	8.75	7.83	11.32	/	/	/	/	Pass
802.11ac (VHT40)	MIMO	5190	5.96	6.14	9.06	9.02	9.74	12.41	<=23.01	Pass
		5230	7.32	7.23	10.29	10.38	10.83	13.62	<=23.01	Pass
		5755	8.00	7.94	10.98	/	/	/	/	Pass
		5795	7.92	7.70	10.82	/	/	/	/	Pass
802.11ac (VHT80)	MIMO	5210	5.25	5.53	8.40	8.31	9.13	11.75	<=23.01	Pass
		5775	8.47	7.83	11.17	/	/	/	/	Pass
Note1: Antenna Gain: Ant1: 3.06dBi; Ant2: 3.60dBi; Note2: E.I.R.P = Measured Power + Antenna Gain Note3: Directional Gain: 6.35dBi										



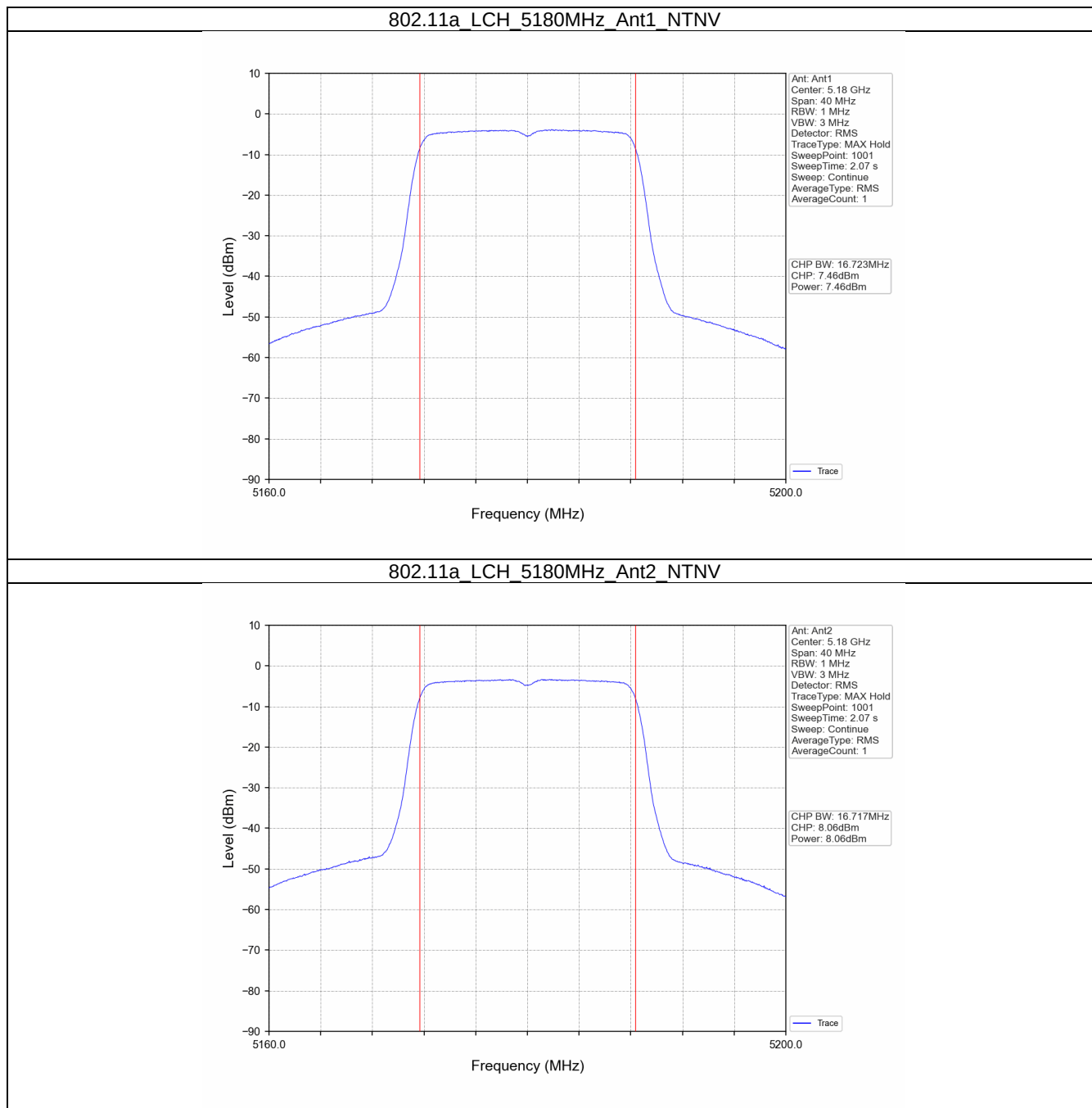
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3.1.3 Test Graph



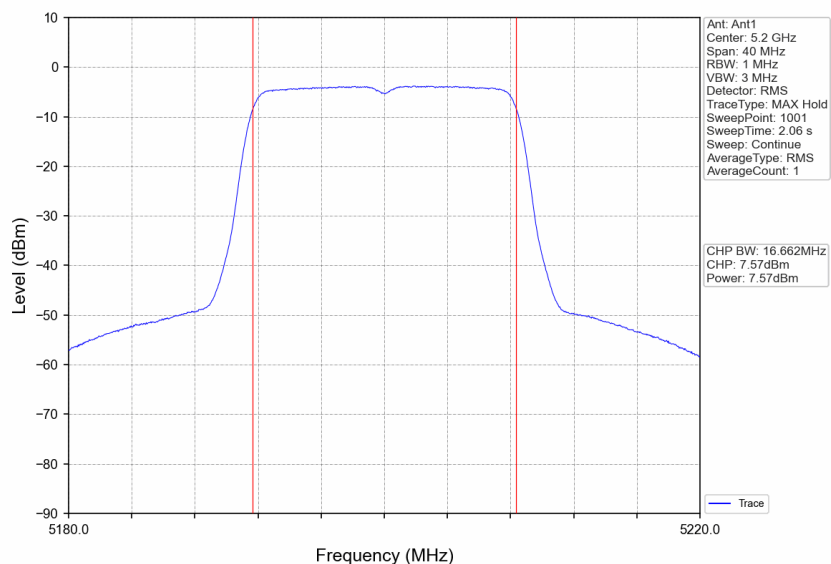
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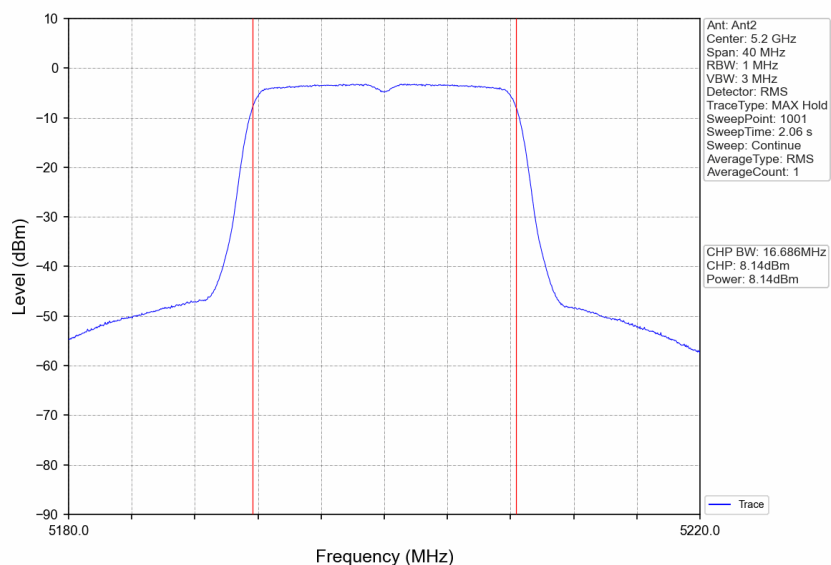
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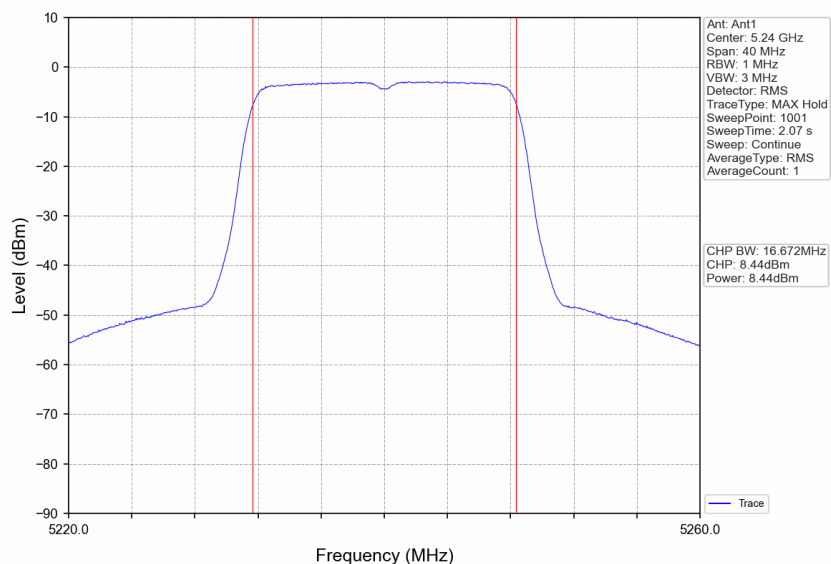
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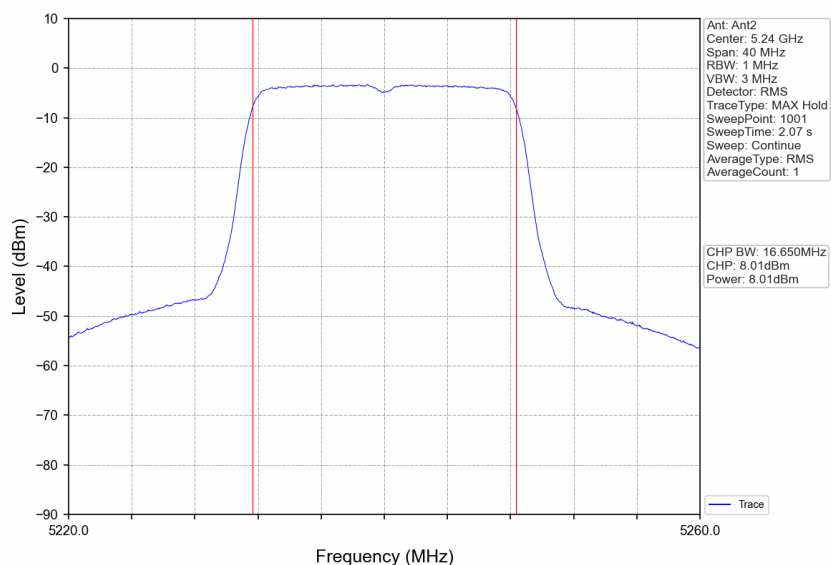
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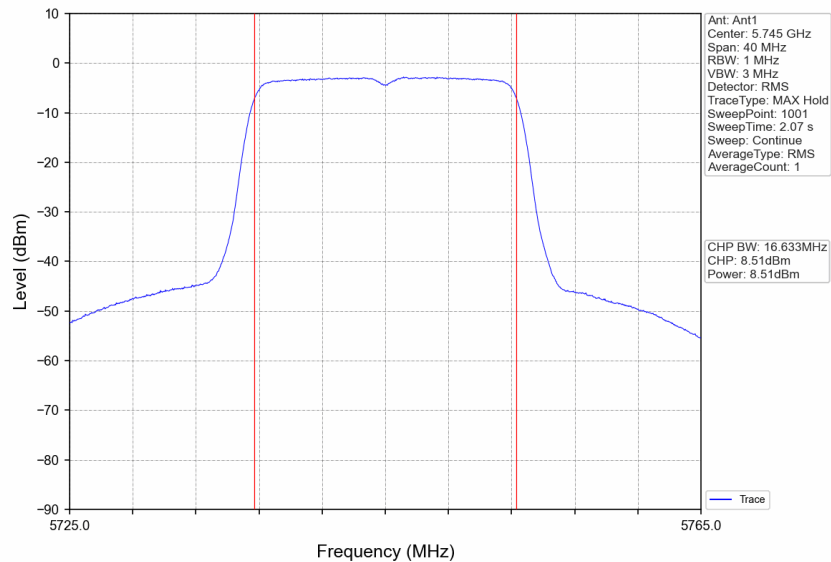
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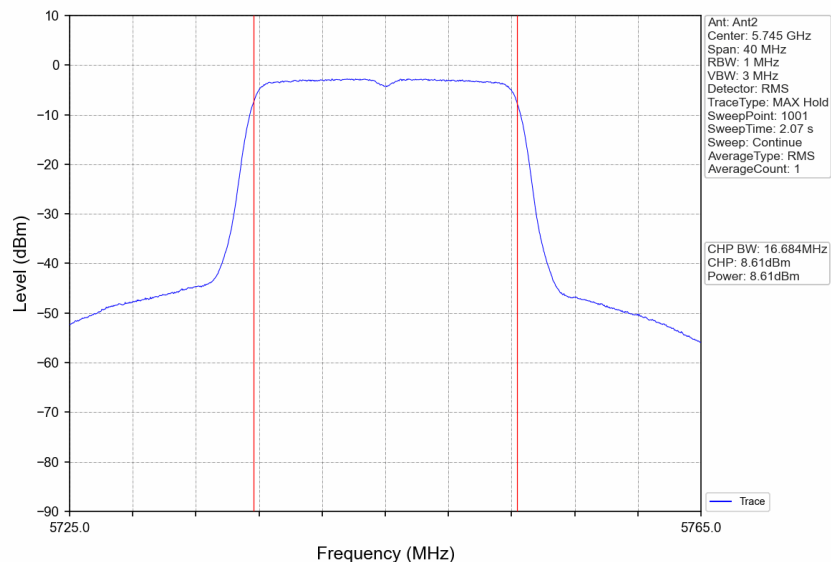
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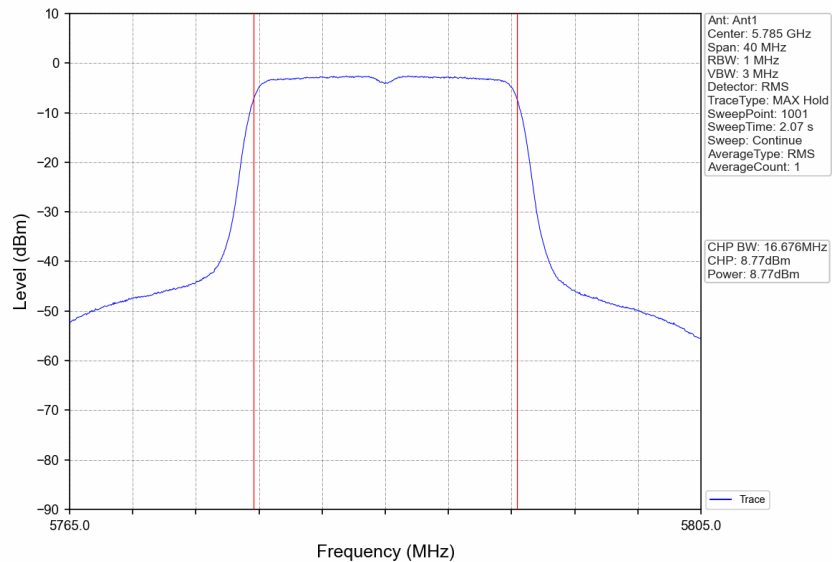
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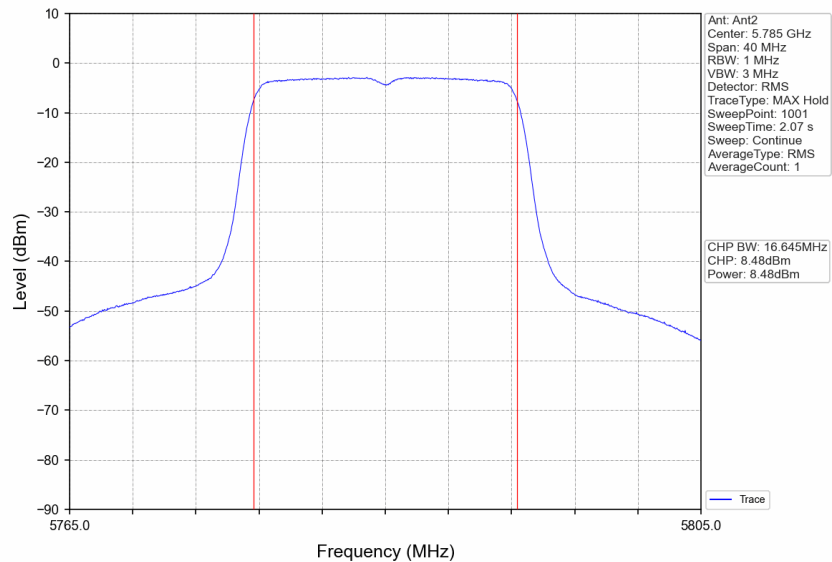
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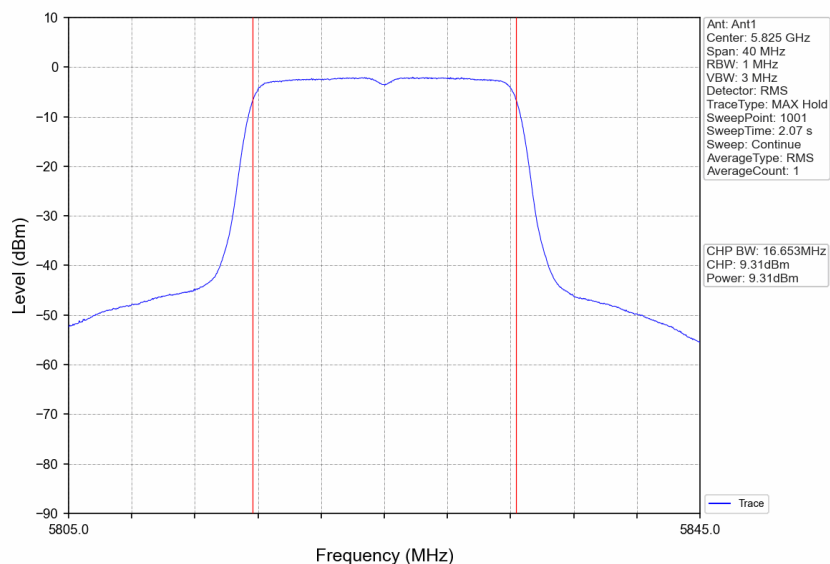
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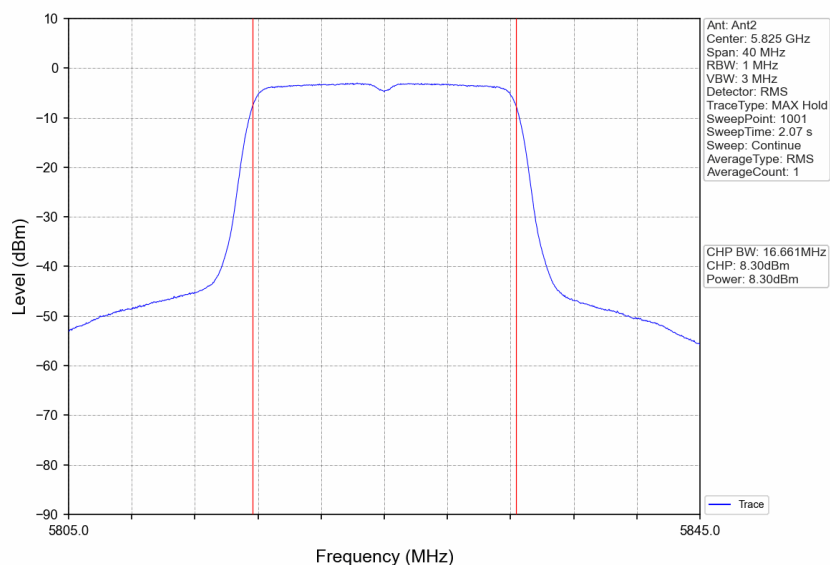
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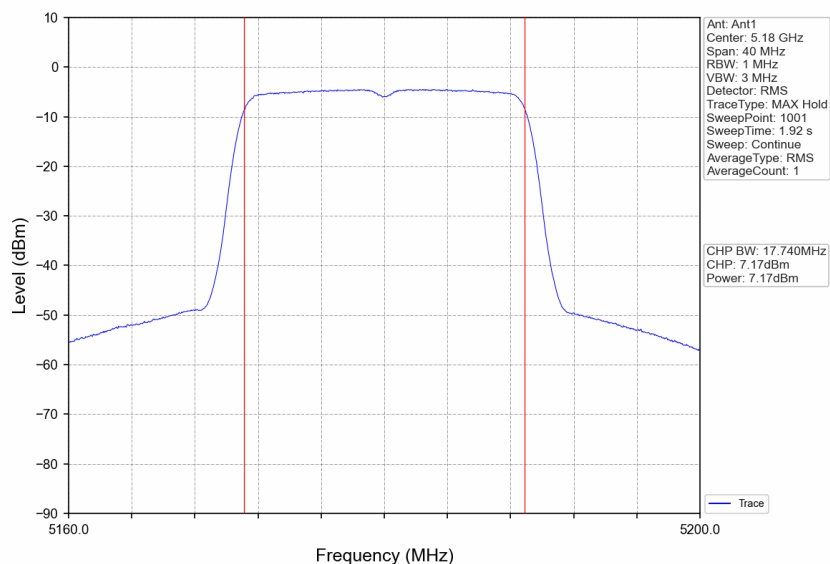
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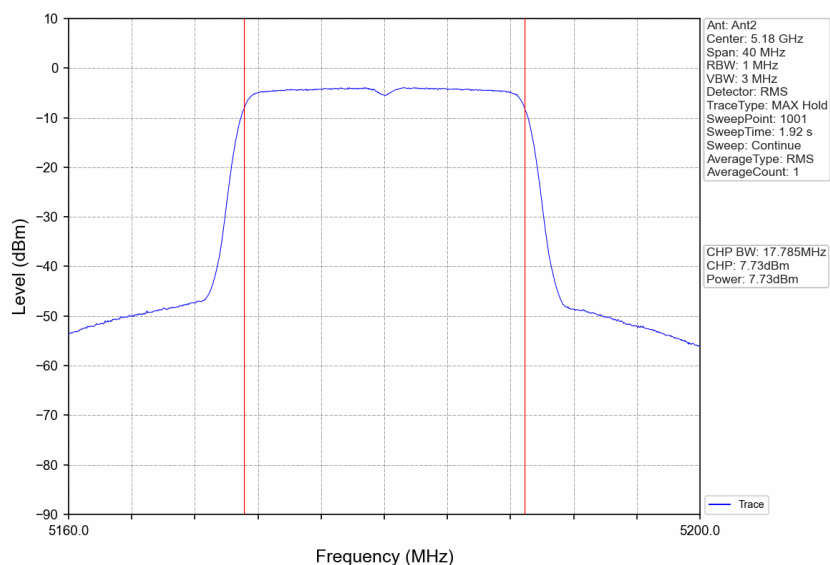
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



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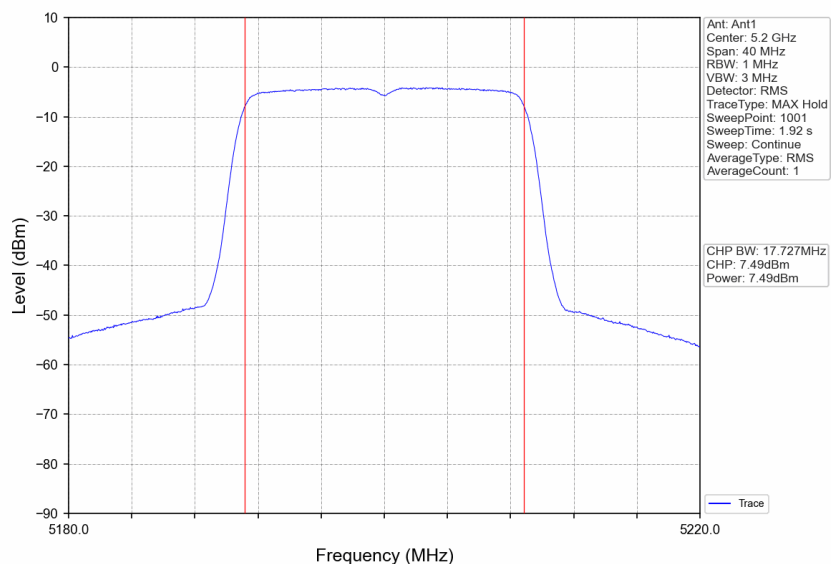
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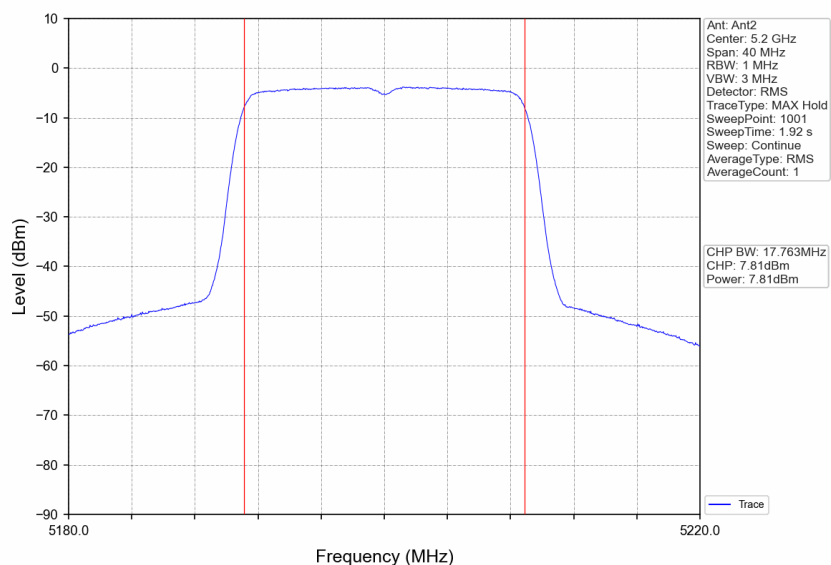
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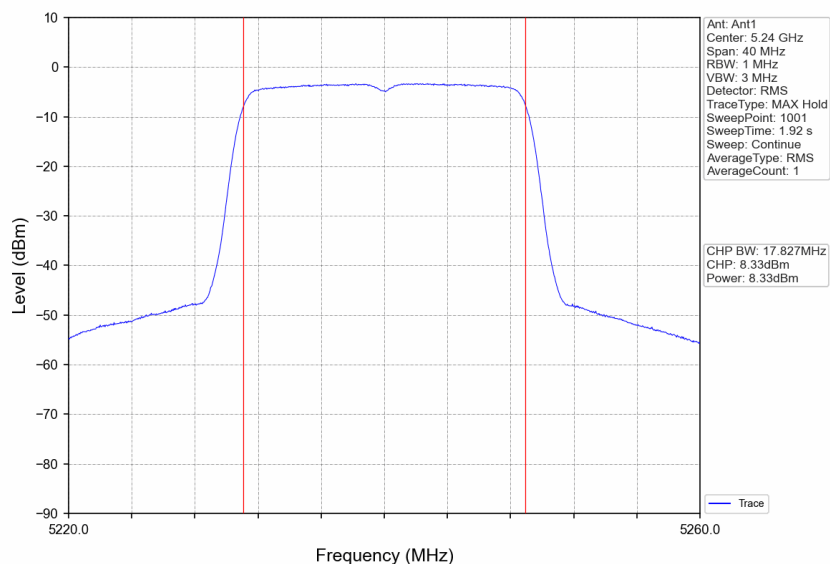
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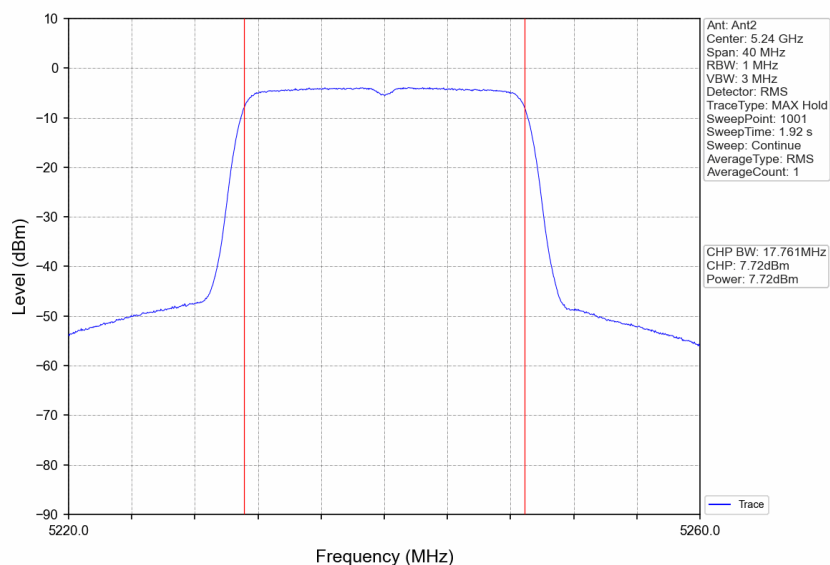
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



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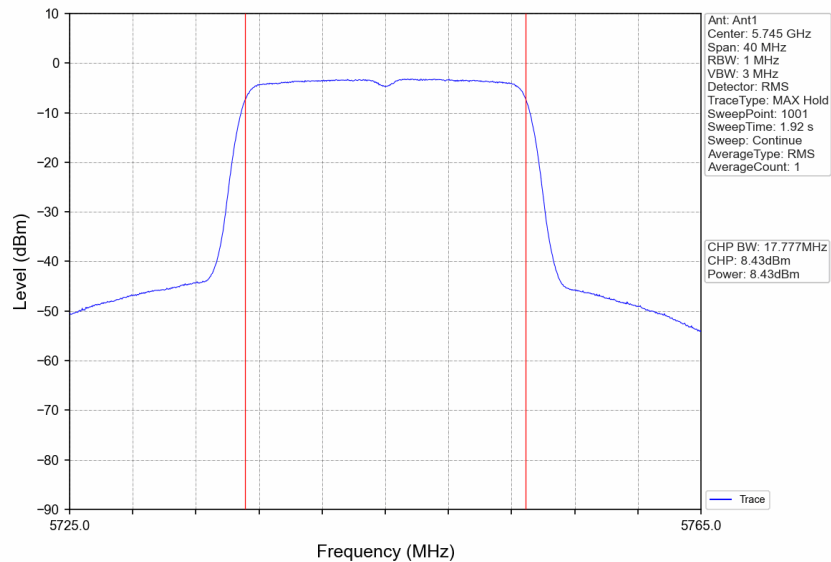
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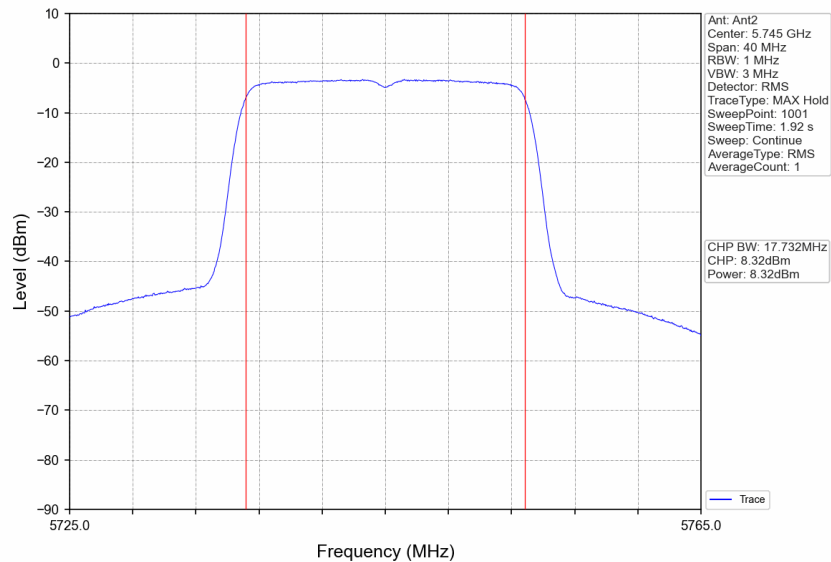
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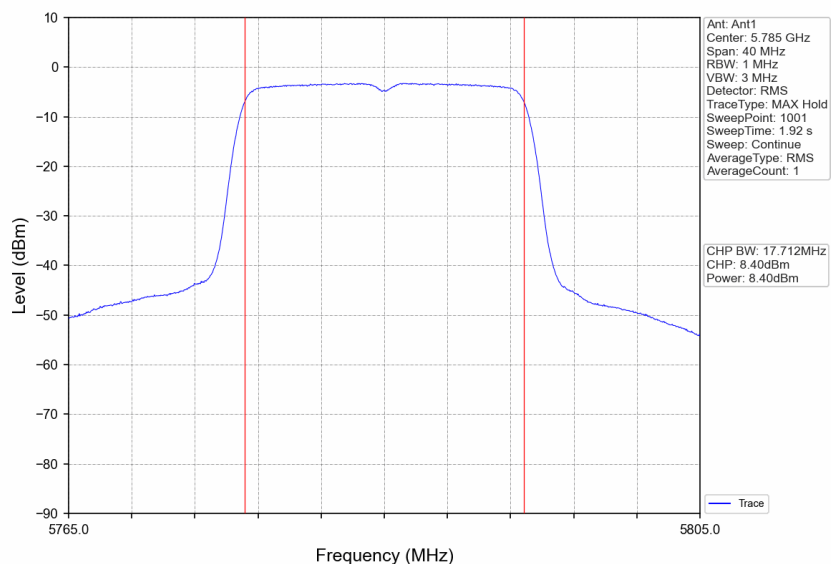
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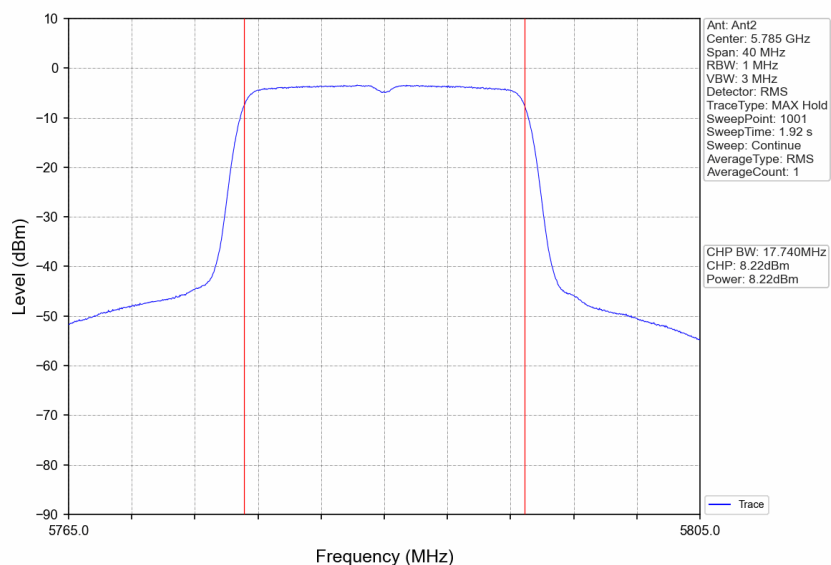
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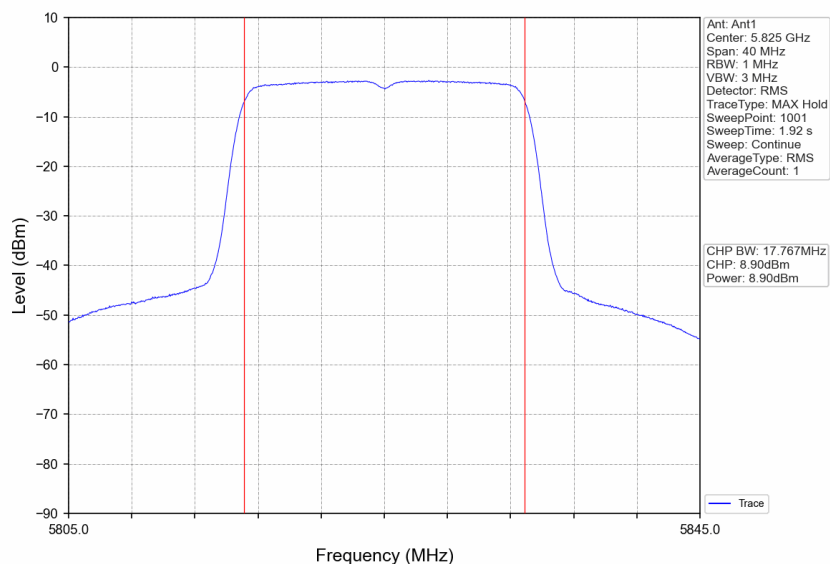
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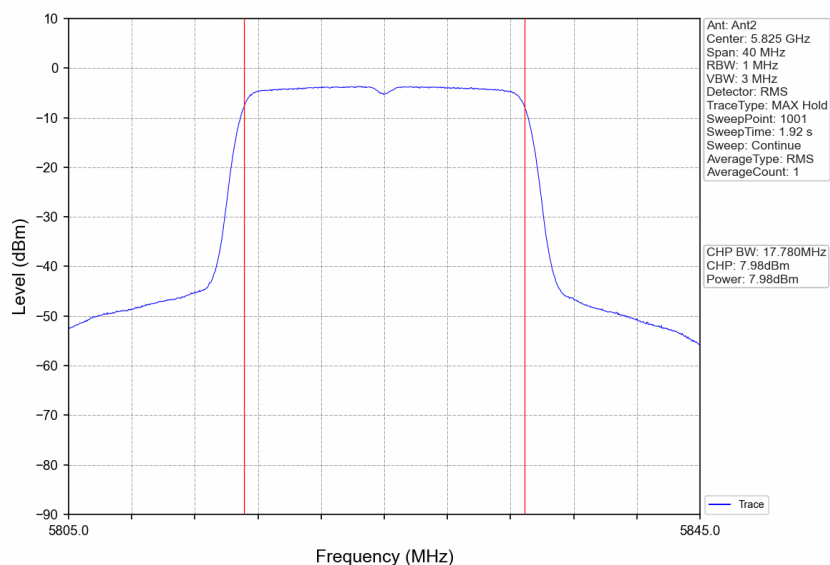
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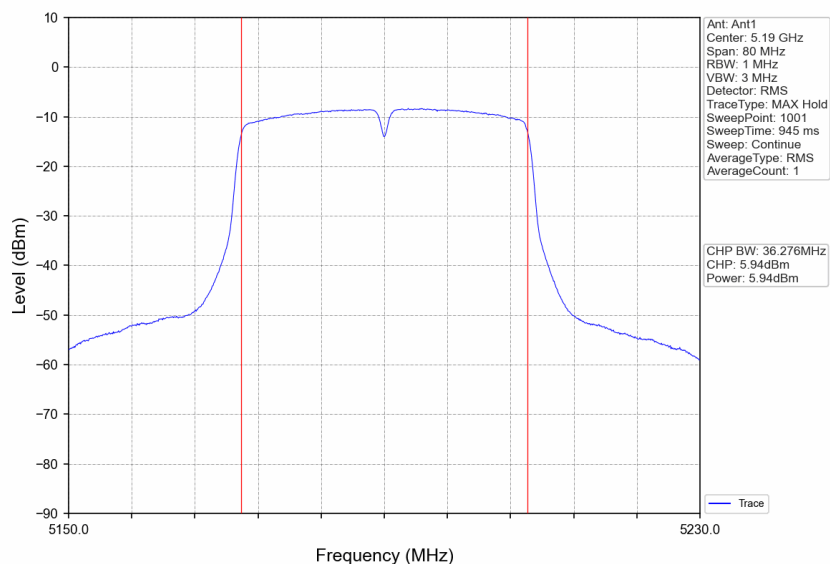
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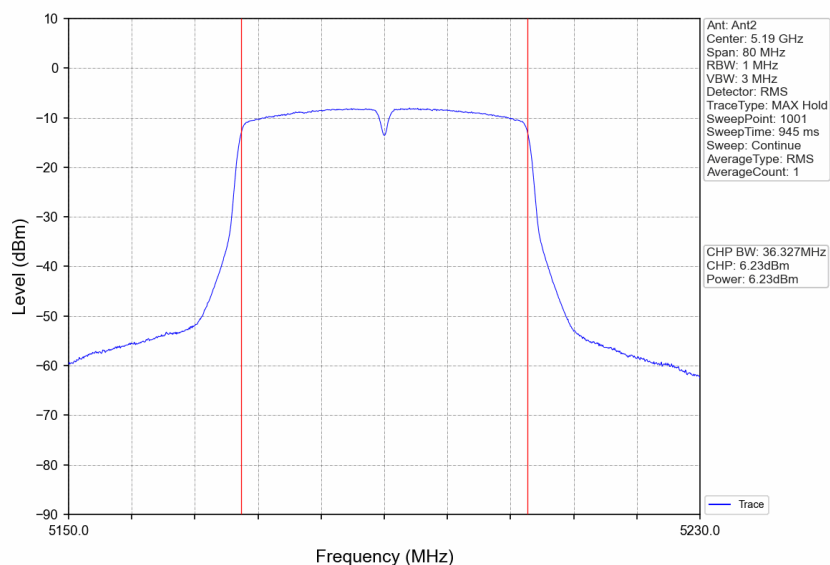
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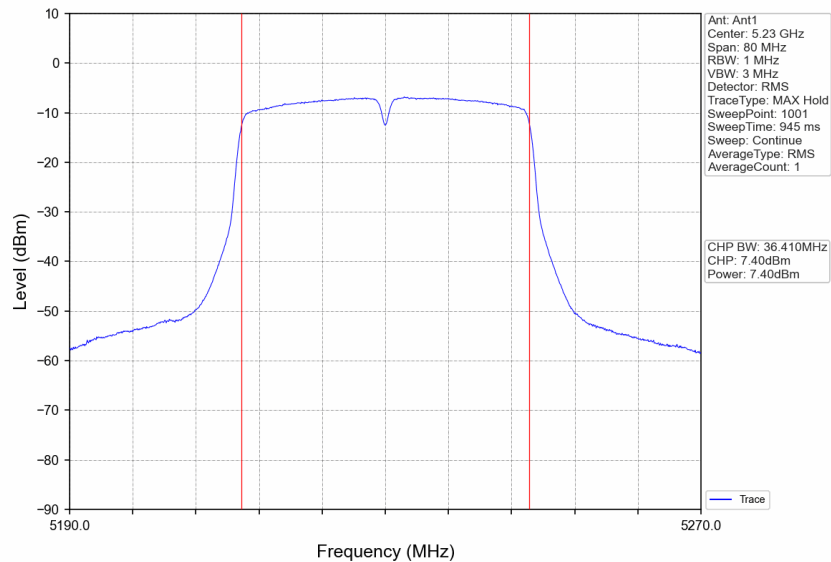
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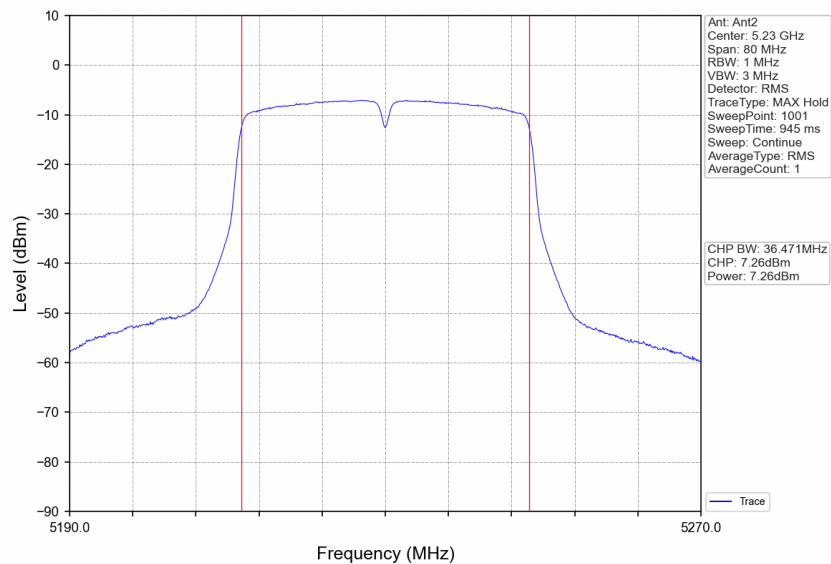
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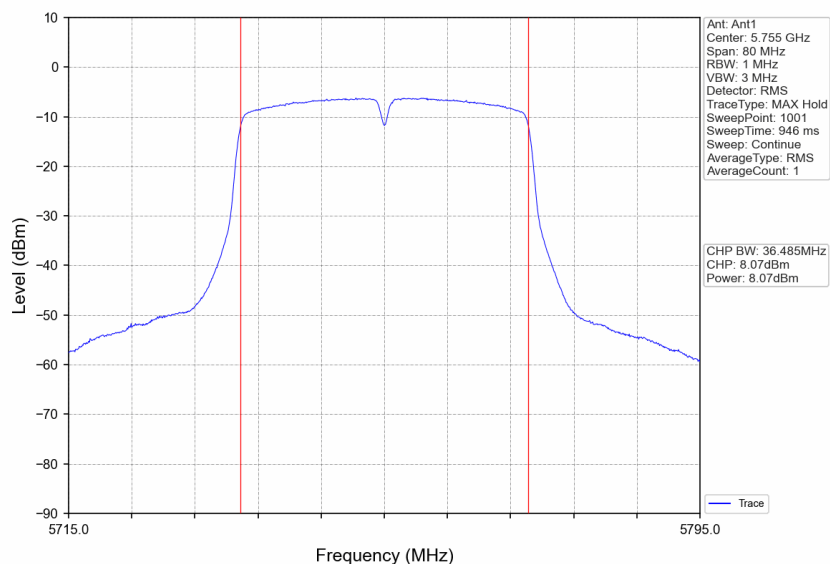
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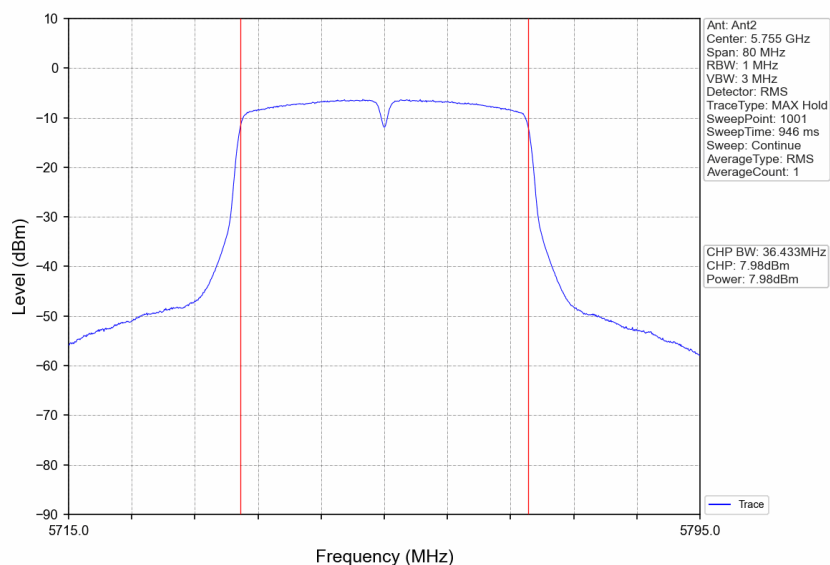
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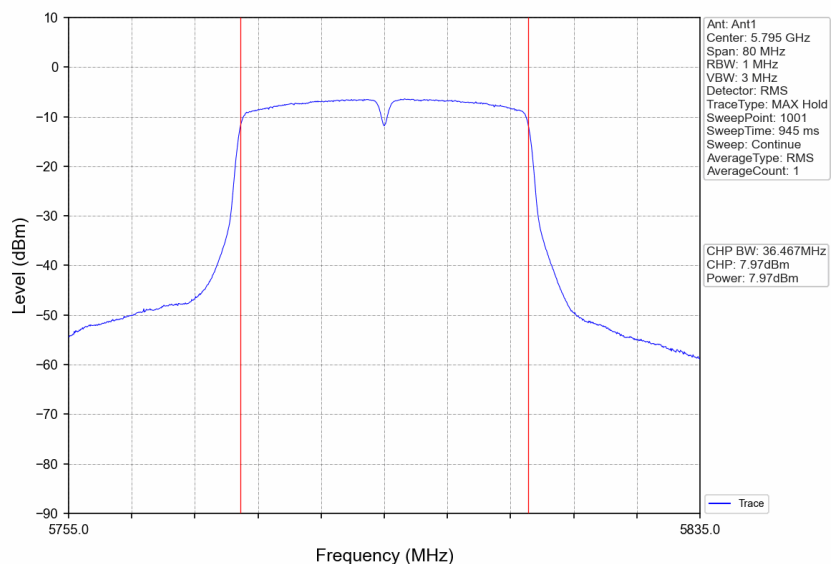
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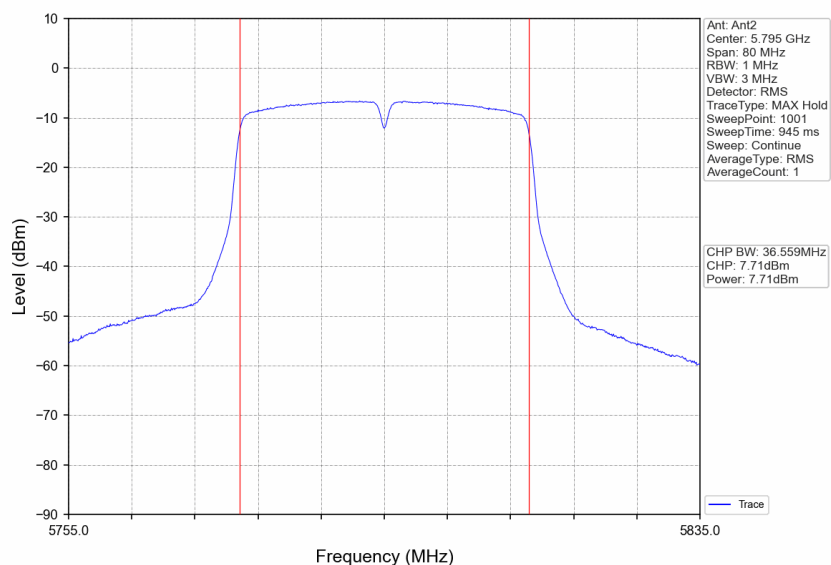
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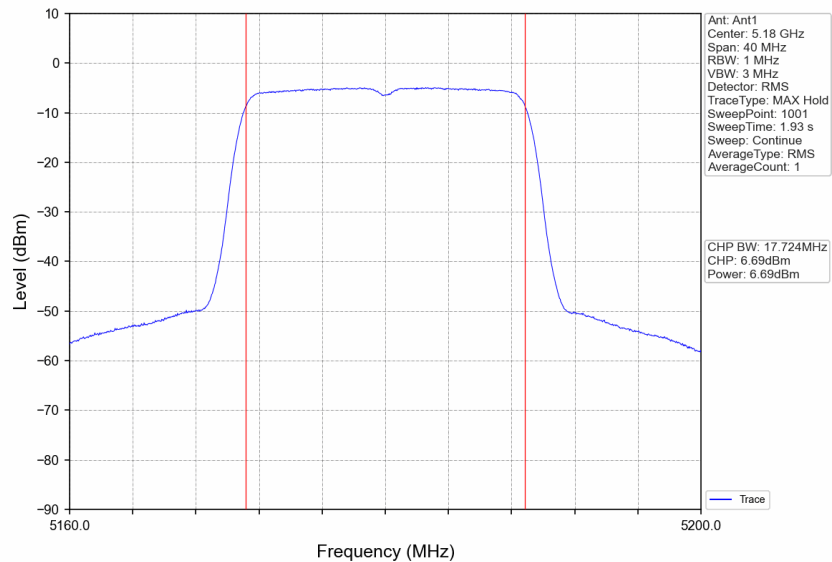
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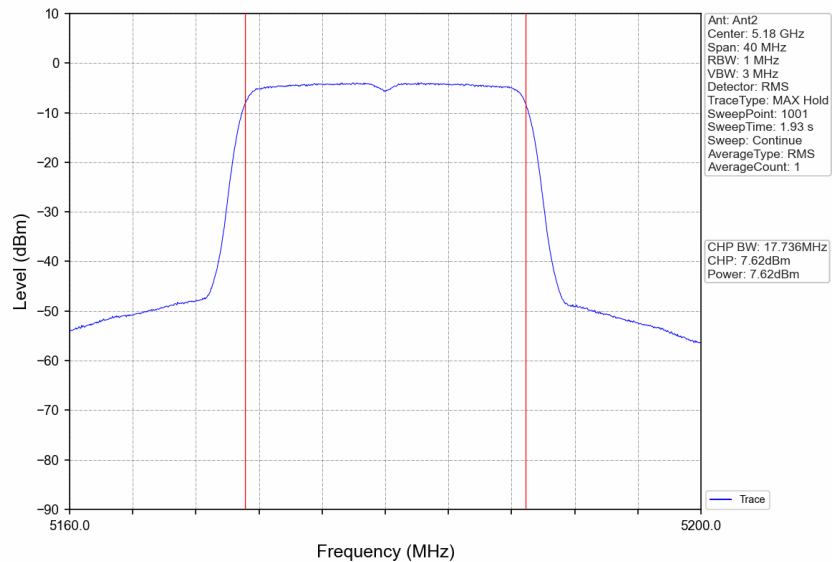
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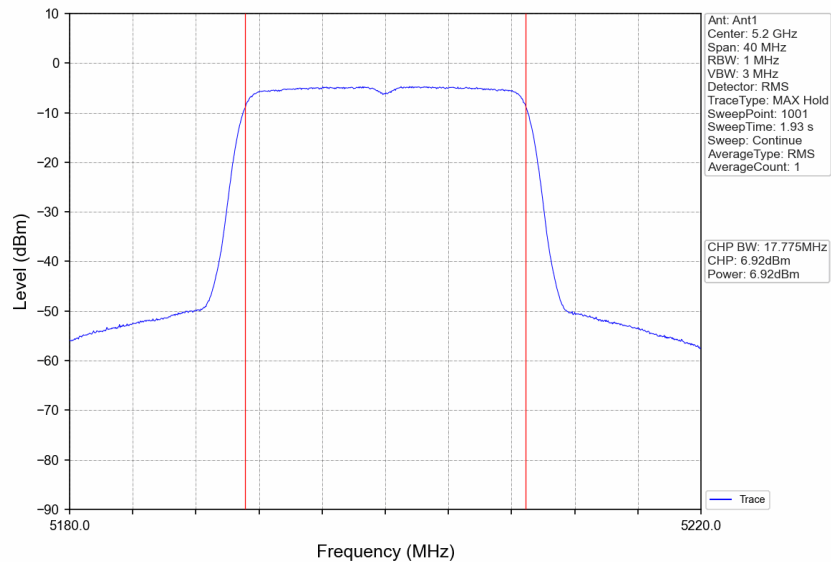
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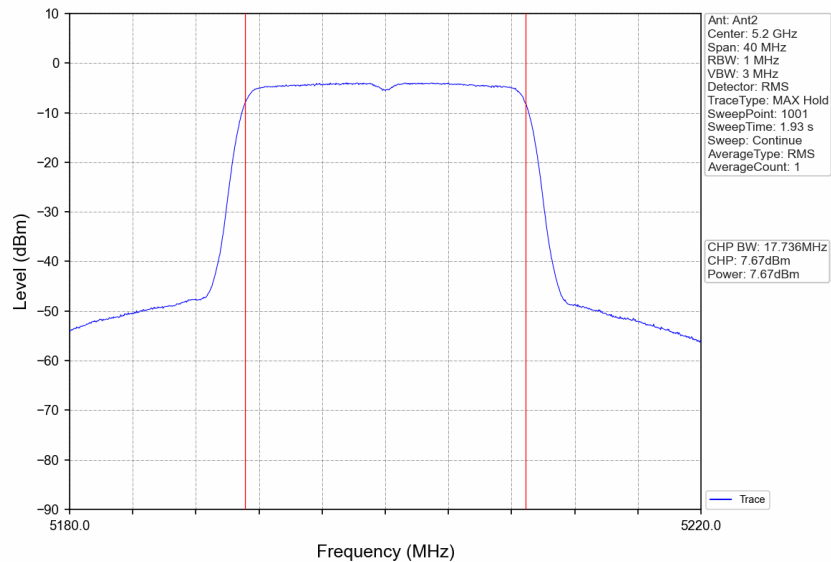
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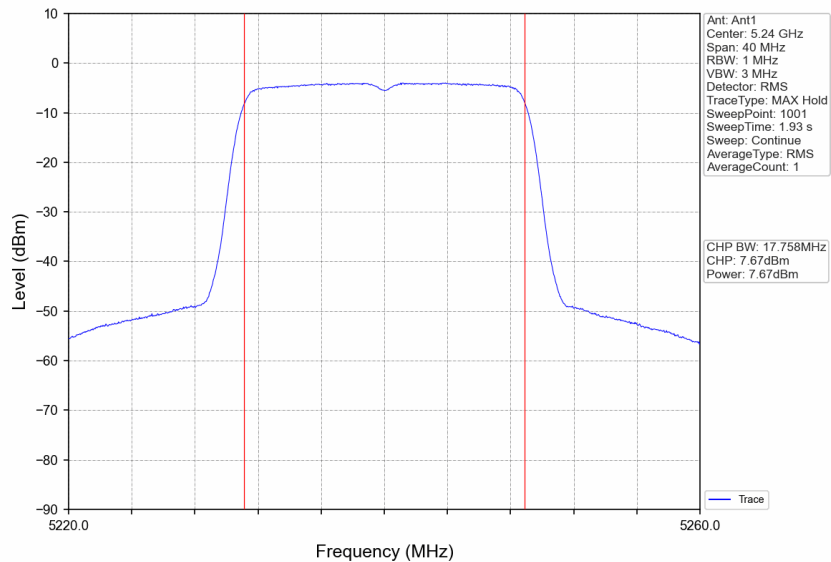
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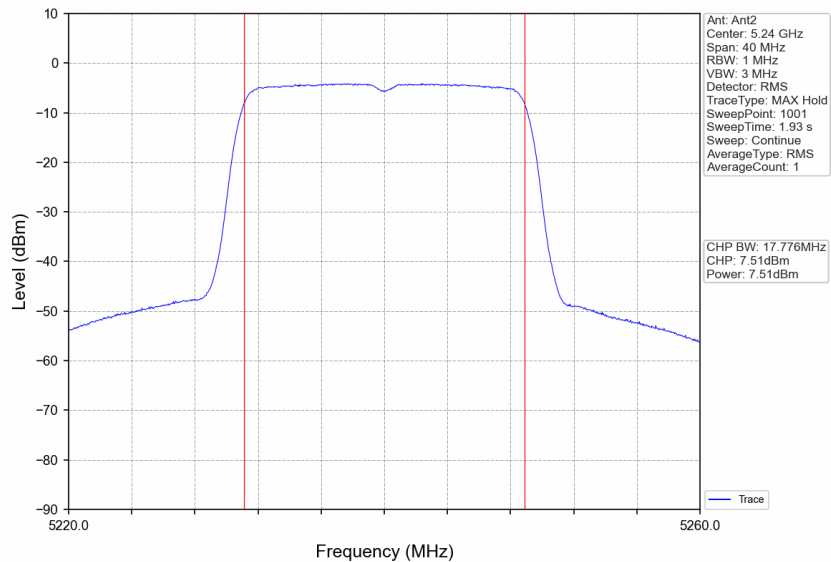
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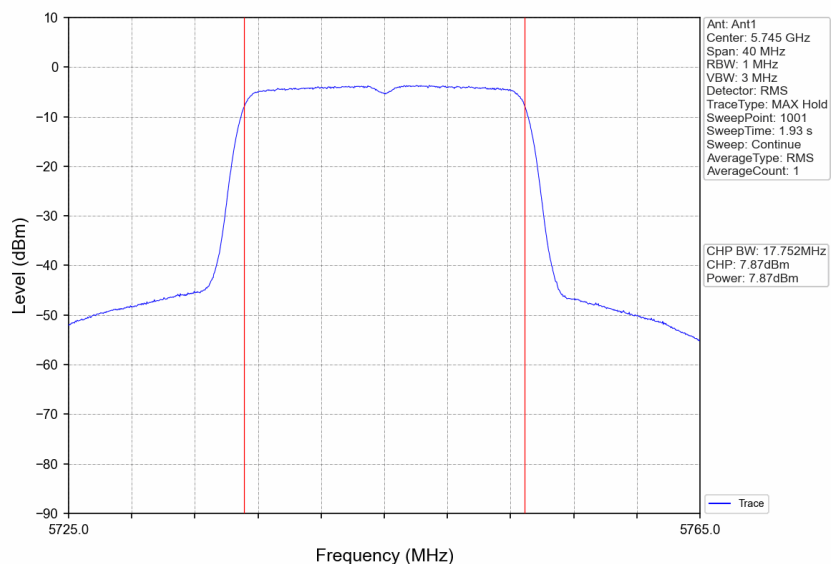
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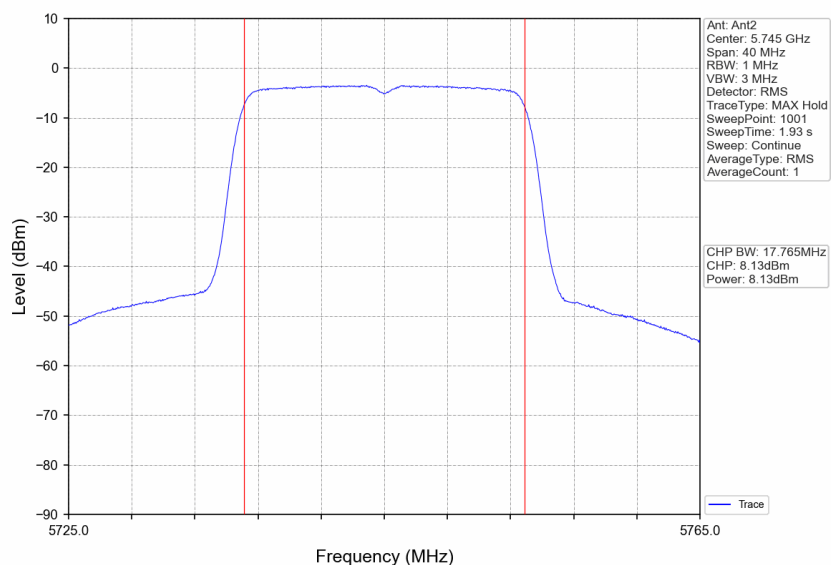
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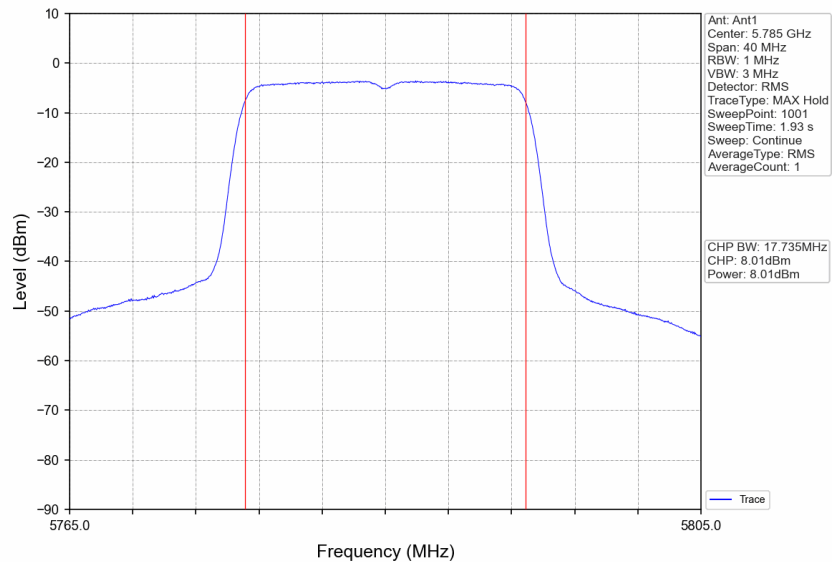
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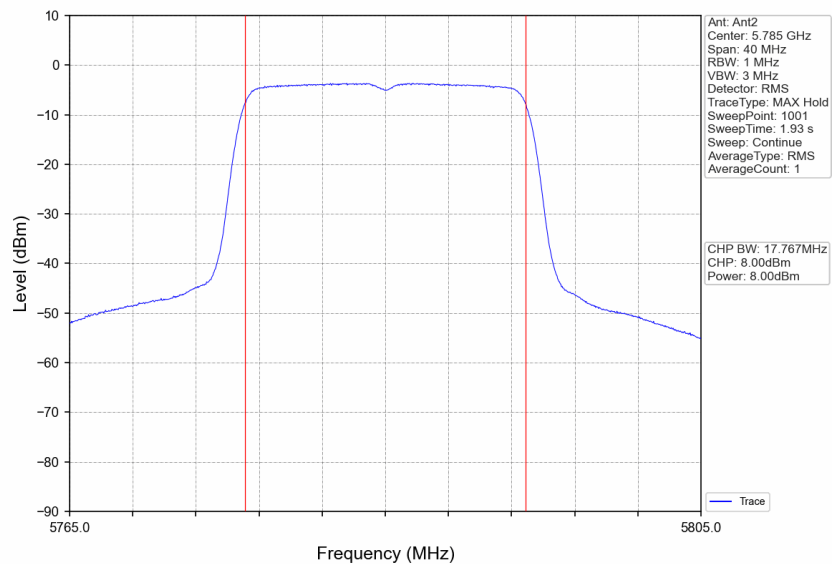
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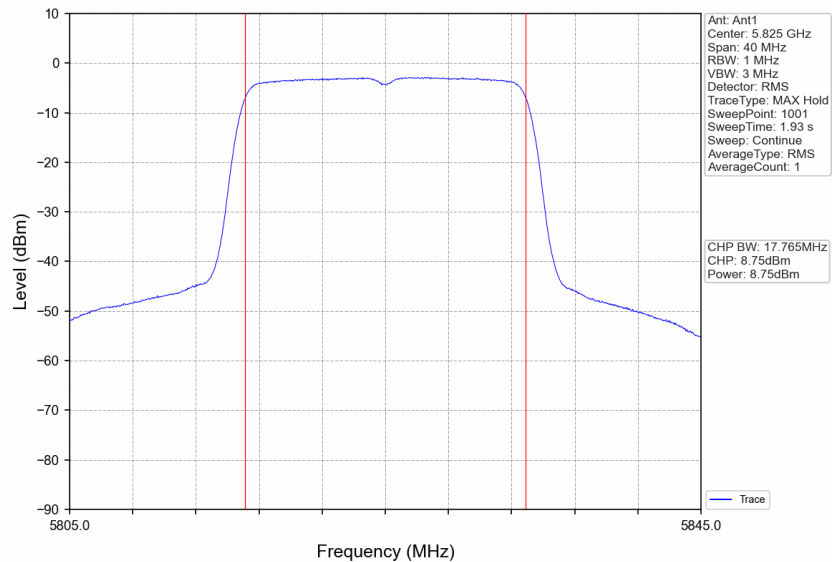
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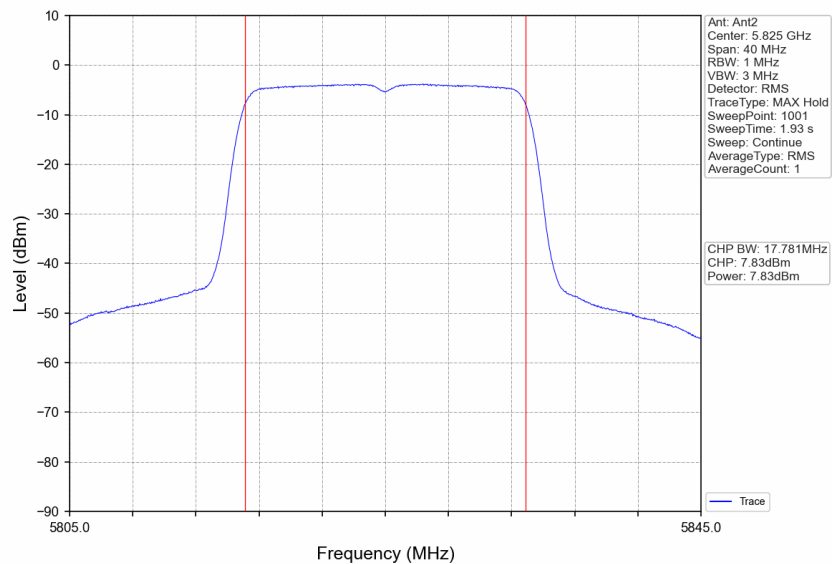
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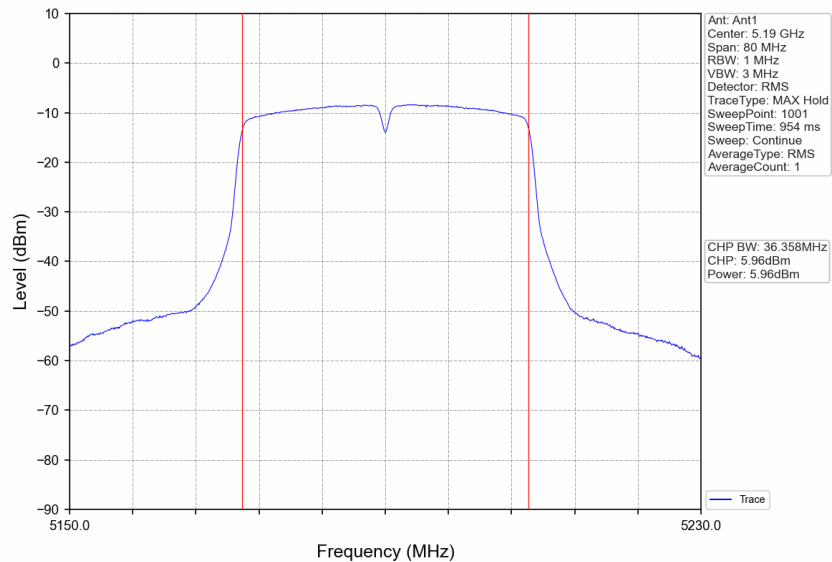
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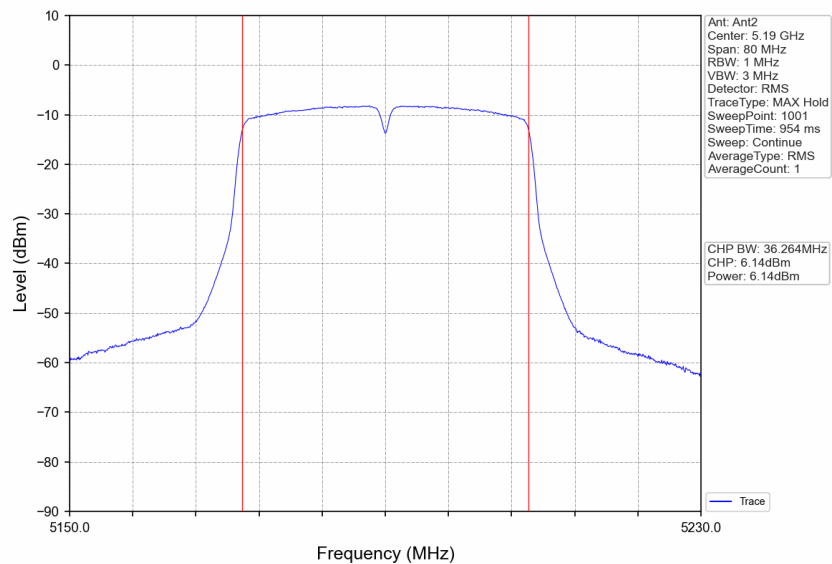
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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