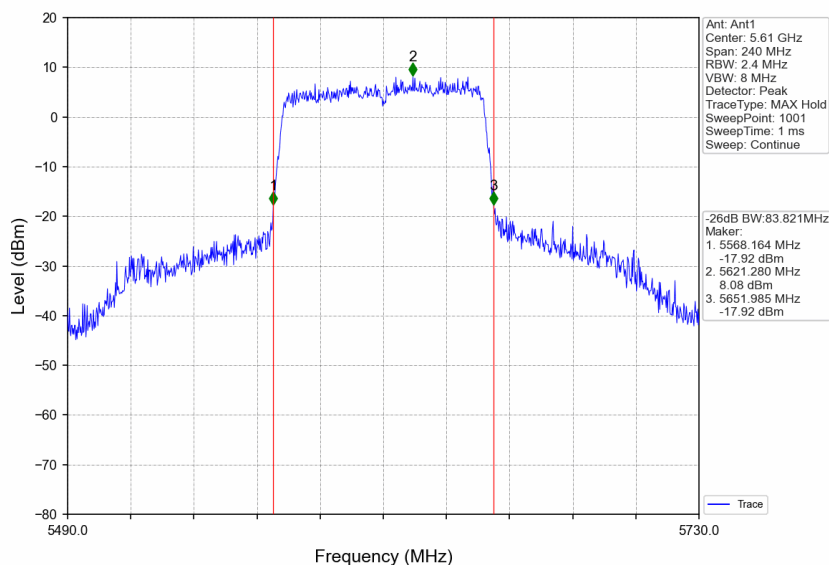
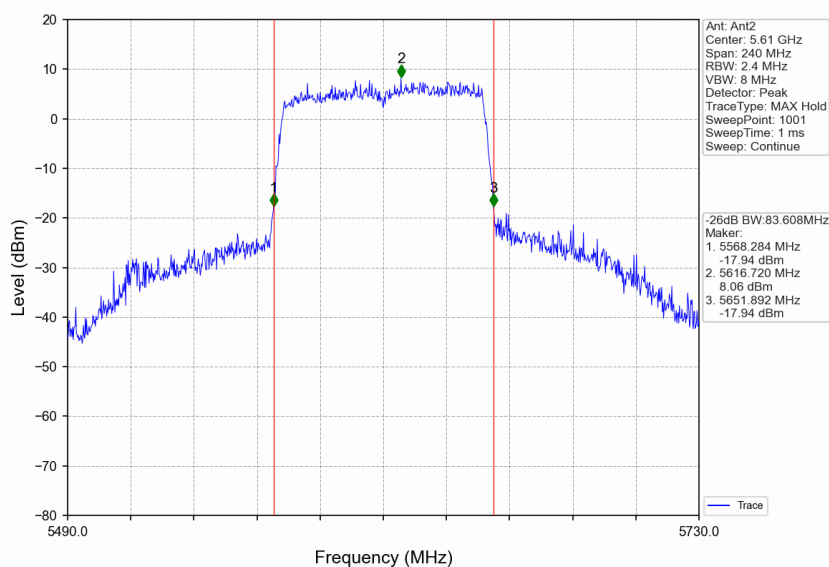


802.11ac(VHT80) HCH 5610MHz Ant1 NTNV



802.11ac(VHT80) HCH 5610MHz Ant2 NTNV



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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		
						Ant 1	Ant 2	
802.11a	SISO	5180	14.30	14.20	/	<=24	<=23.19	Pass
		5200	14.17	14.06	/	<=24	<=23.19	Pass
		5240	13.65	13.75	/	<=24	<=23.19	Pass
		5260	14.39	13.61	/	<=24	<=23.19	Pass
		5300	14.57	13.71	/	<=24	<=23.19	Pass
		5320	14.03	13.38	/	<=24	<=23.19	Pass
		5500	14.82	14.01	/	<=24	<=23.19	Pass
		5580	14.18	14.15	/	<=24	<=23.19	Pass
		5700	14.16	13.21	/	<=24	<=23.19	Pass
		5745	14.07	14.10	/	<=30	<=29.19	Pass
		5785	13.70	13.84	/	<=30	<=29.19	Pass
		5825	13.89	13.92	/	<=30	<=29.19	Pass
802.11n (HT20)	MIMO	5180	11.98	11.60	14.80	<=21.08		Pass
		5200	11.72	11.45	14.60	<=21.08		Pass
		5240	11.58	11.50	14.55	<=21.08		Pass
		5260	11.63	11.80	14.73	<=21.08		Pass
		5300	11.95	11.90	14.94	<=21.08		Pass
		5320	11.46	11.81	14.65	<=21.08		Pass
		5500	11.31	11.35	14.34	<=21.08		Pass
		5580	10.47	11.50	14.03	<=21.08		Pass
		5700	11.57	11.60	14.60	<=21.08		Pass
		5745	11.08	11.06	14.08	<=27.08		Pass
		5785	11.79	11.58	14.70	<=27.08		Pass
		5825	11.70	11.78	14.75	<=27.08		Pass
802.11n (HT40)	MIMO	5190	11.19	11.24	14.23	<=21.08		Pass
		5230	10.62	10.68	13.66	<=21.08		Pass
		5270	11.83	11.66	14.76	<=21.08		Pass
		5310	11.05	11.05	14.06	<=21.08		Pass
		5510	11.14	11.05	14.11	<=21.08		Pass
		5550	11.86	11.88	14.88	<=21.08		Pass
		5670	11.50	11.45	14.49	<=21.08		Pass
		5755	11.50	11.52	14.52	<=27.08		Pass
5795	11.05	11.05	14.06	<=27.08		Pass		
802.11ac (VHT20)	MIMO	5180	11.59	11.43	14.52	<=21.08		Pass
		5200	11.50	11.36	14.44	<=21.08		Pass
		5240	11.18	11.12	14.16	<=21.08		Pass
		5260	11.20	11.57	14.40	<=21.08		Pass
		5300	11.40	11.40	14.41	<=21.08		Pass
		5320	11.22	11.34	14.29	<=21.08		Pass
		5500	11.43	11.26	14.36	<=21.08		Pass
		5580	11.10	11.17	14.15	<=21.08		Pass
		5700	11.19	11.45	14.33	<=21.08		Pass
		5745	11.01	11.21	14.12	<=27.08		Pass
		5785	10.88	11.74	14.34	<=27.08		Pass
		5825	11.18	11.06	14.13	<=27.08		Pass

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802.11ac (VHT40)	MIMO	5190	10.84	10.95	13.91	<=21.08	Pass
		5230	10.72	10.72	13.73	<=21.08	Pass
		5270	11.41	11.39	14.41	<=21.08	Pass
		5310	11.13	10.81	13.98	<=21.08	Pass
		5510	11.68	11.44	14.57	<=21.08	Pass
		5550	12.12	11.15	14.67	<=21.08	Pass
		5670	10.75	11.75	14.29	<=21.08	Pass
		5755	11.41	11.38	14.41	<=27.08	Pass
5795	11.09	11.05	14.08	<=27.08	Pass		
802.11ac (VHT80)	MIMO	5210	11.54	11.29	14.43	<=21.08	Pass
		5290	11.83	12.13	14.99	<=21.08	Pass
		5530	11.66	11.48	14.58	<=21.08	Pass
		5610	11.11	11.05	14.09	<=21.08	Pass
		5775	11.51	11.58	14.56	<=27.08	Pass
Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi; Note2: Directional Gain: 8.92dBi							

3.1.3 Test Result For IC

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict	
			Ant1	Ant2	MIMO	Limit		
						Ant 1		Ant 2
802.11a	SISO	5260	14.39	13.61	/	<=24	<=23.19	Pass
		5300	14.57	13.71	/	<=24	<=23.19	Pass
		5320	14.03	13.38	/	<=24	<=23.19	Pass
		5500	14.82	14.01	/	<=24	<=23.19	Pass
		5580	14.18	14.15	/	<=24	<=23.19	Pass
		5700	14.16	13.21	/	<=24	<=23.19	Pass
		5745	14.07	14.10	/	<=30	<=29.19	Pass
		5785	13.70	13.84	/	<=30	<=29.19	Pass
	5825	13.89	13.92	/	<=30	<=29.19	Pass	
802.11n (HT20)	MIMO	5260	11.63	11.80	14.73	<=21.08		Pass
		5300	11.95	11.90	14.94	<=21.08		Pass
		5320	11.46	11.81	14.65	<=21.08		Pass
		5500	11.31	11.35	14.34	<=21.08		Pass
		5580	10.47	11.50	14.03	<=21.08		Pass
		5700	11.57	11.60	14.60	<=21.08		Pass
		5745	11.08	11.06	14.08	<=27.08		Pass
		5785	11.79	11.58	14.70	<=27.08		Pass
	5825	11.70	11.78	14.75	<=27.08		Pass	
802.11n (HT40)	MIMO	5270	11.83	11.66	14.76	<=21.06		Pass
		5310	11.05	11.05	14.06	<=21.08		Pass
		5510	11.14	11.05	14.11	<=21.08		Pass
		5550	11.86	11.88	14.88	<=21.08		Pass
		5670	11.50	11.45	14.49	<=21.08		Pass
		5755	11.50	11.52	14.52	<=27.08		Pass
		5795	11.05	11.05	14.06	<=27.08		Pass
802.11ac (VHT20)	MIMO	5260	11.20	11.57	14.40	<=21.08		Pass
		5300	11.40	11.40	14.41	<=21.08		Pass
		5320	11.22	11.34	14.29	<=21.08		Pass
		5500	11.43	11.26	14.36	<=21.08		Pass
		5580	11.10	11.17	14.15	<=21.08		Pass
		5700	11.19	11.45	14.33	<=21.08		Pass
	5745	11.01	11.21	14.12	<=27.08		Pass	



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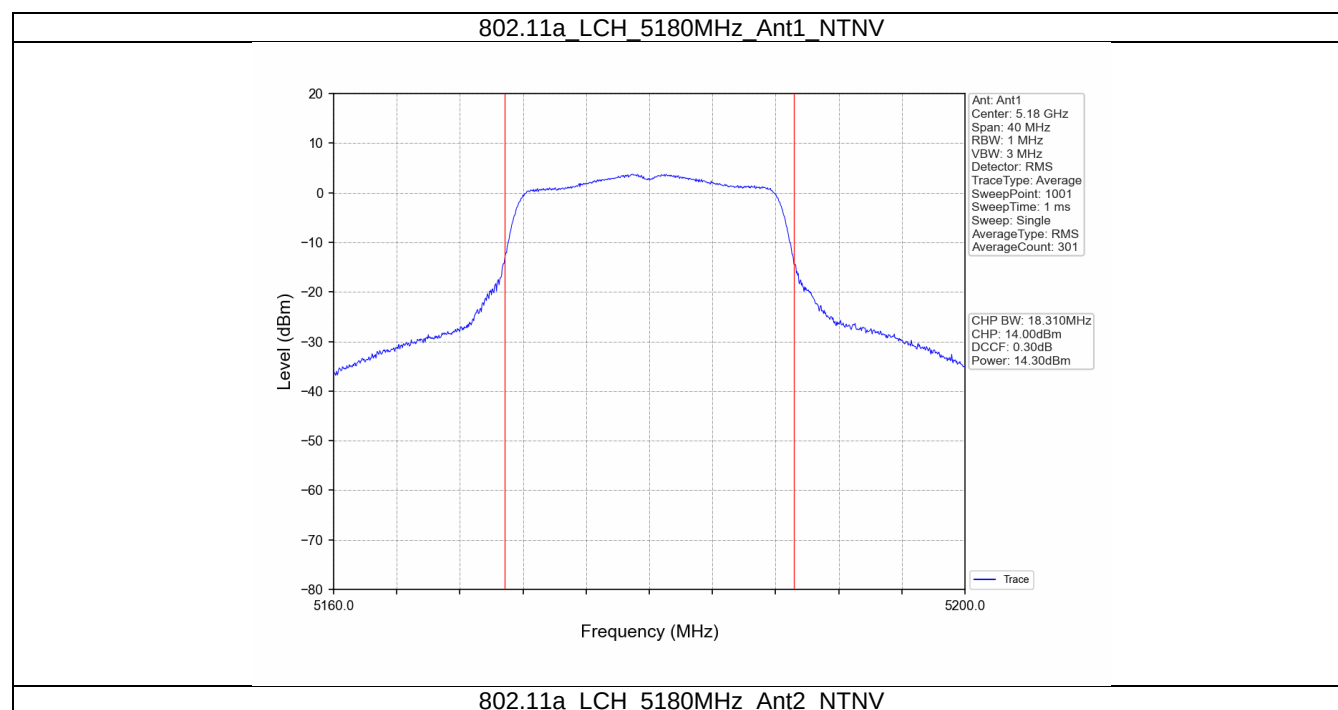
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802.11ac (VHT40)	MIMO	5785	10.88	11.74	14.34	<=27.08	Pass
		5825	11.18	11.06	14.13	<=27.08	Pass
		5270	11.41	11.39	14.41	<=21.08	Pass
		5310	11.13	10.81	13.98	<=21.08	Pass
		5510	11.68	11.44	14.57	<=21.08	Pass
		5550	12.12	11.15	14.67	<=21.08	Pass
		5670	10.75	11.75	14.29	<=21.08	Pass
		5755	11.41	11.38	14.41	<=27.08	Pass
802.11ac (VHT80)	MIMO	5795	11.09	11.05	14.08	<=27.08	Pass
		5290	11.83	12.13	14.99	<=21.08	Pass
		5530	11.66	11.48	14.58	<=21.08	Pass
		5610	11.11	11.05	14.09	<=21.08	Pass
		5775	11.51	11.58	14.56	<=27.08	Pass

Note1: Antenna Gain: Ant1: 4.91dBi; Ant2: 6.81dBi;

Note2: Directional Gain: 8.92dBi

3.1.2 Test Graph



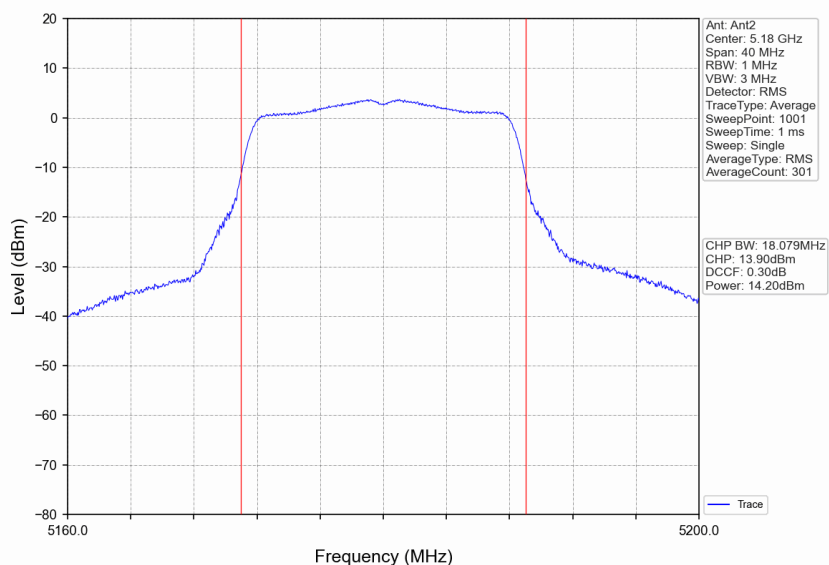
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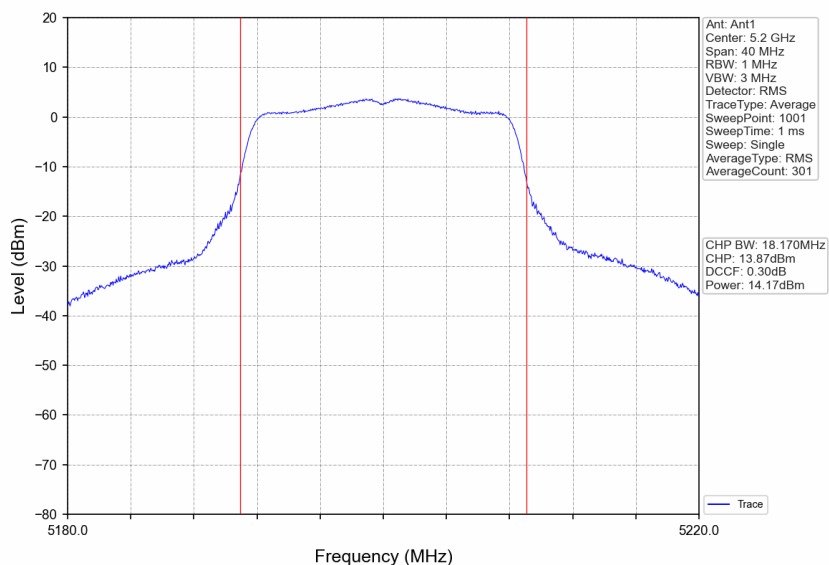
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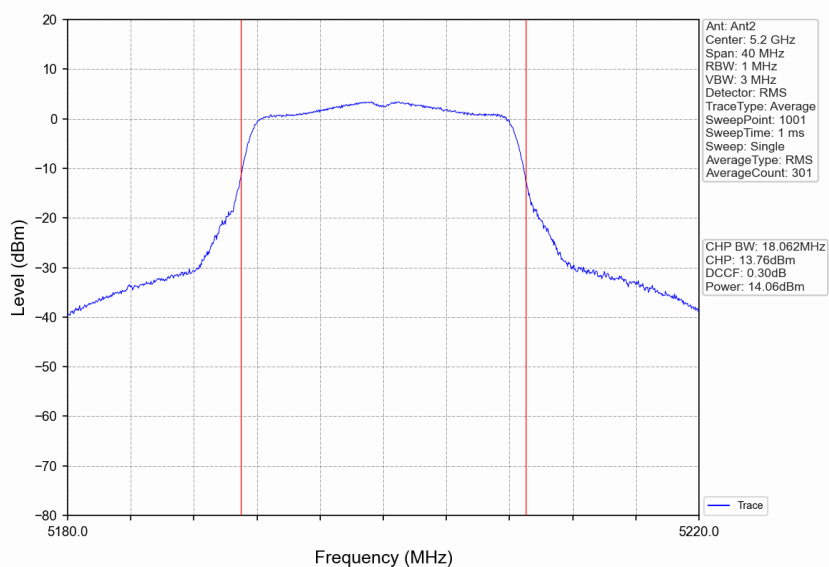
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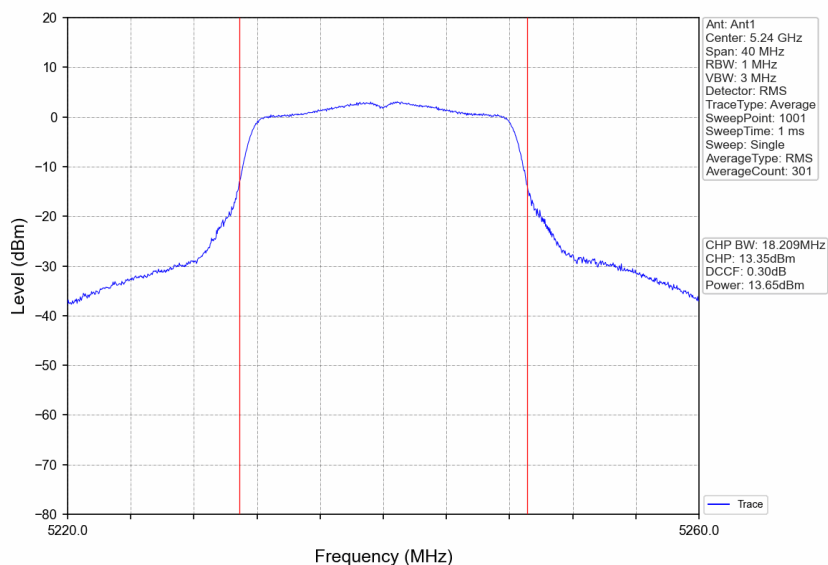
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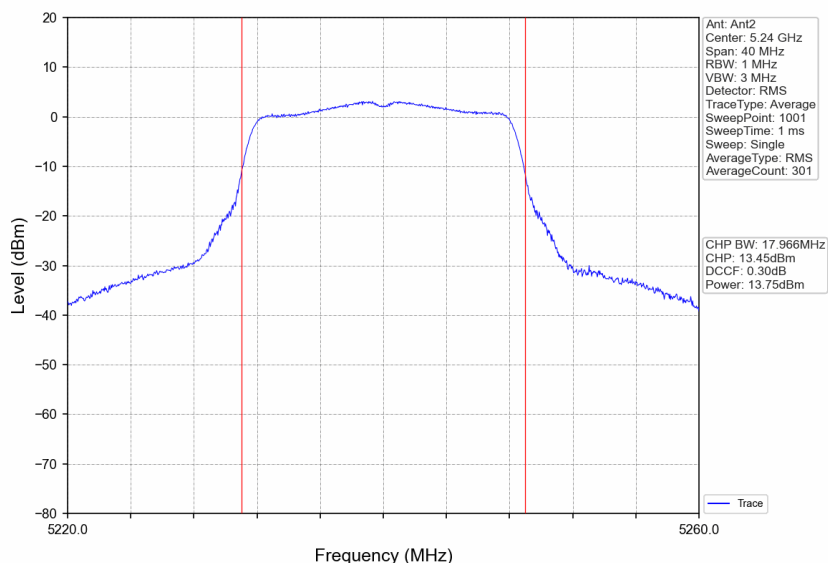
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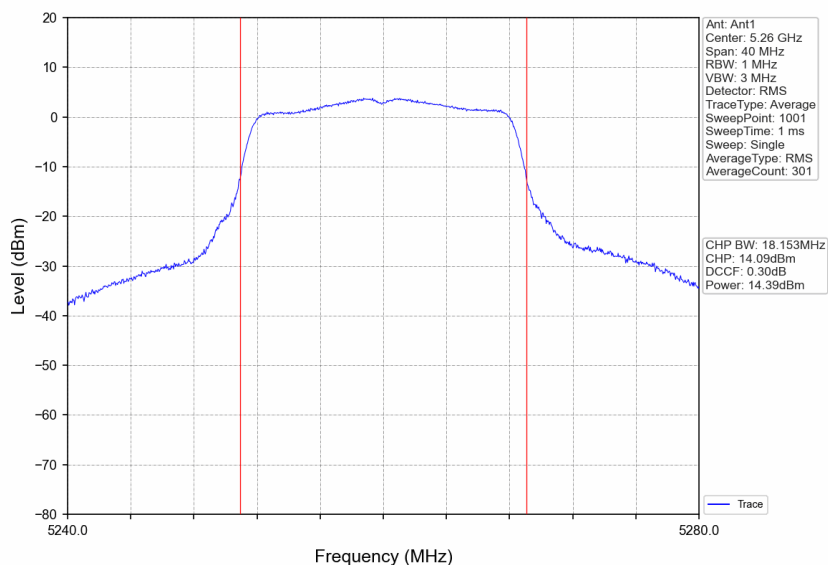
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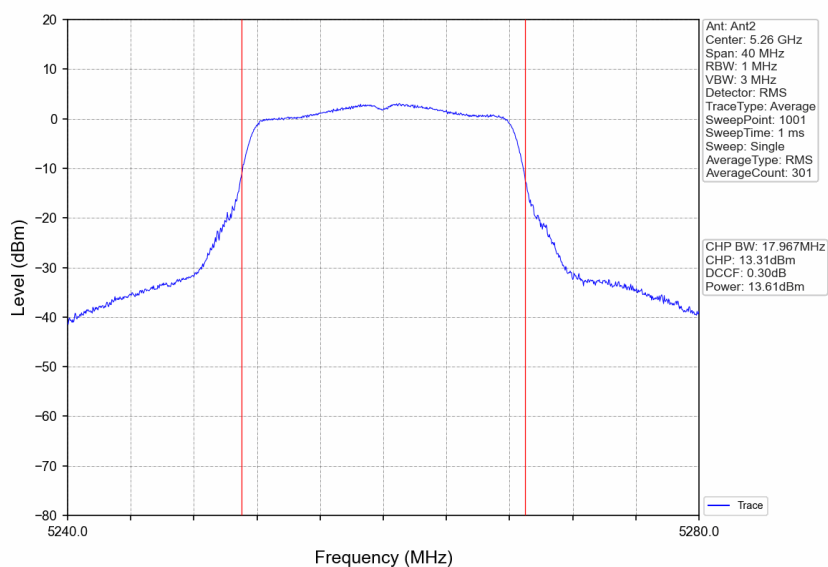
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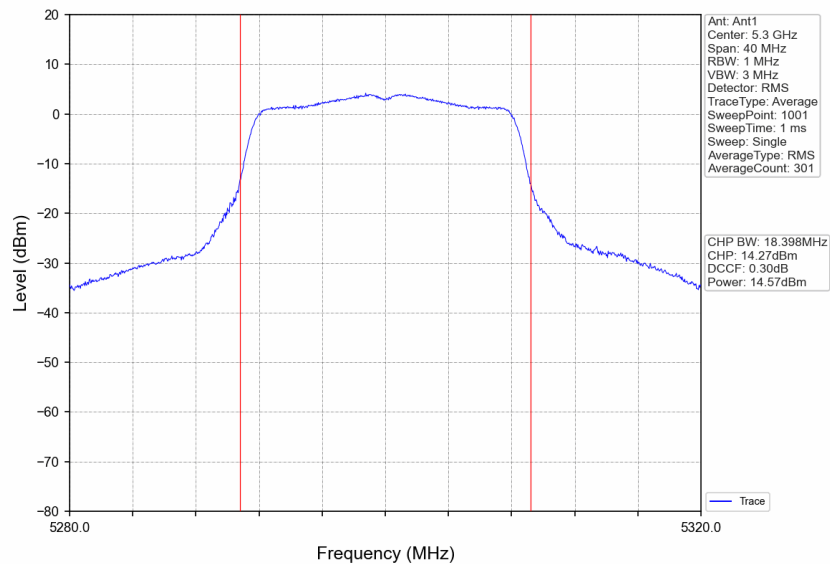
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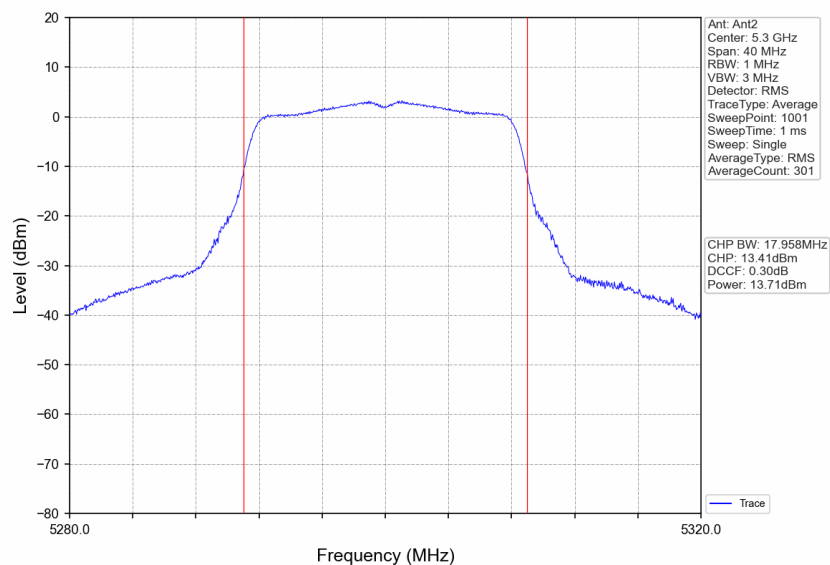
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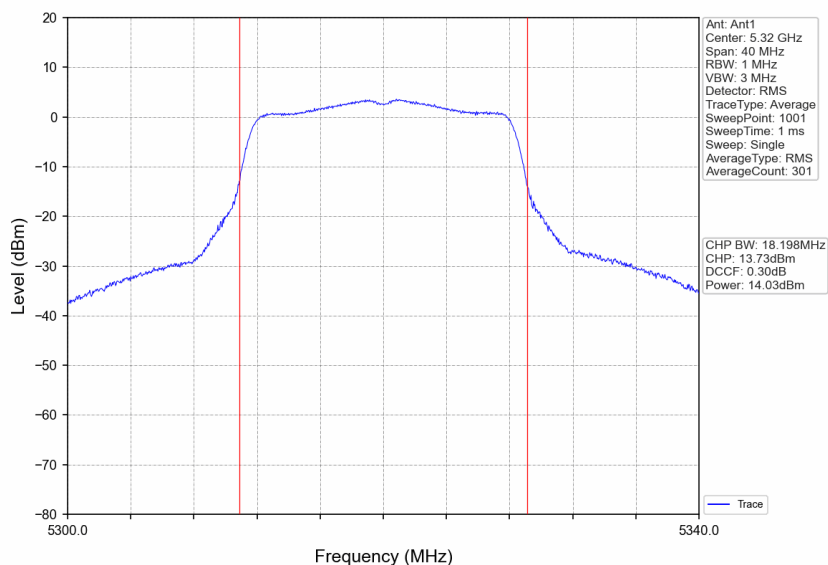
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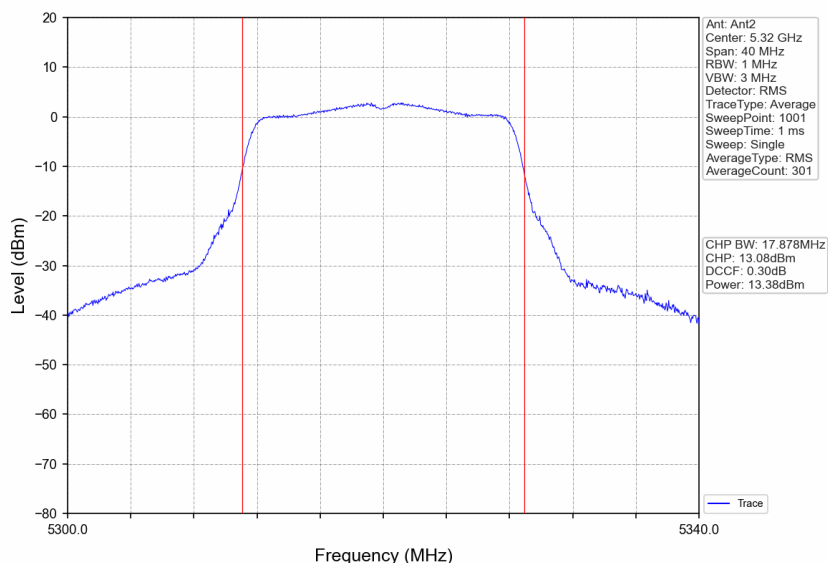
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802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



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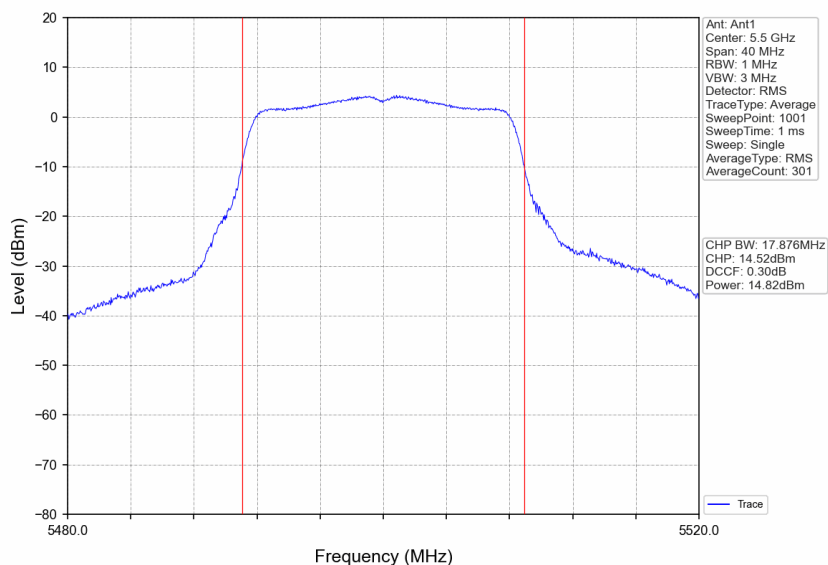
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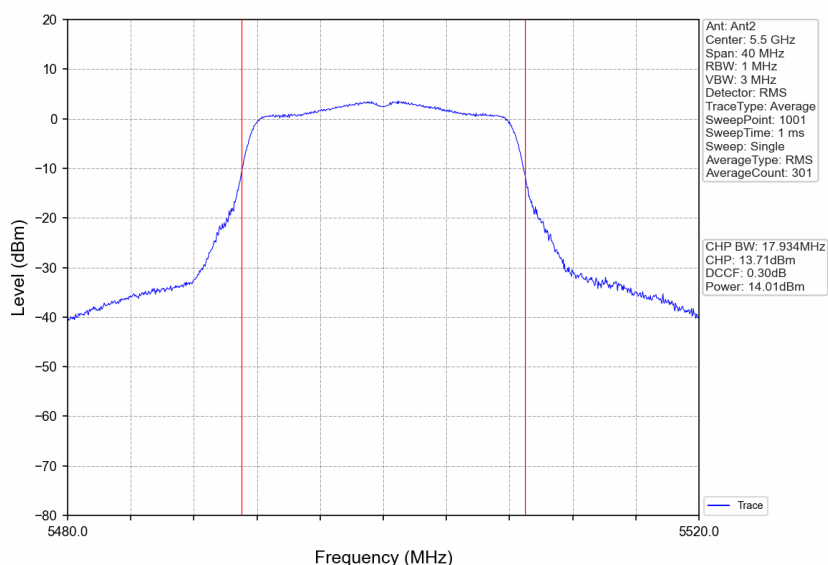
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802.11a LCH_5500MHz_Ant1_NTNV



802.11a LCH_5500MHz_Ant2_NTNV



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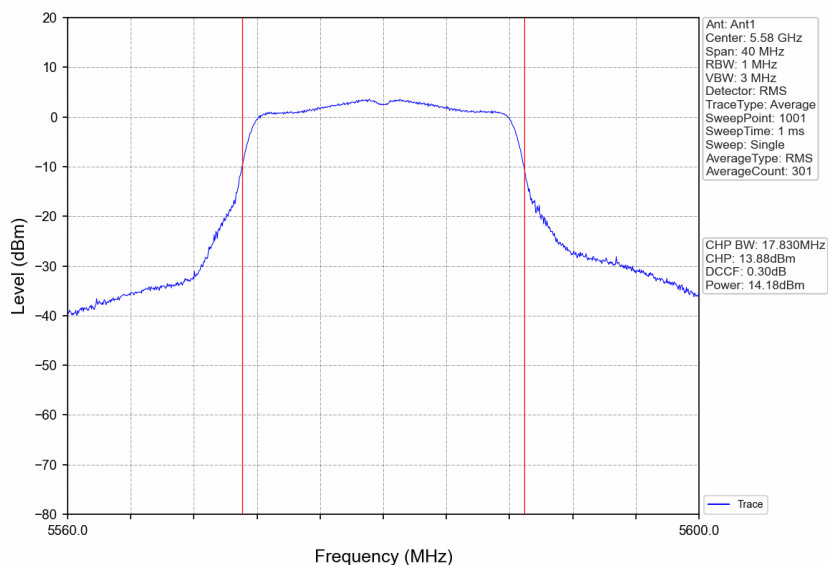
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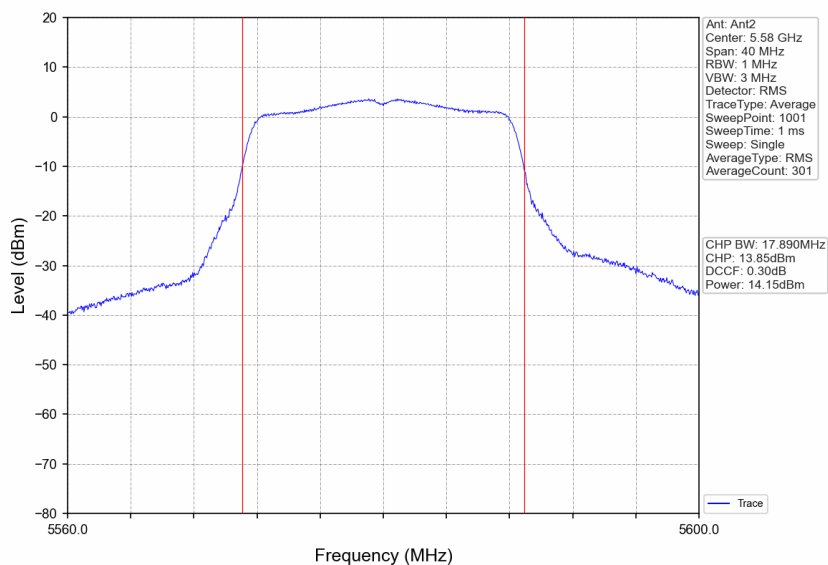
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802.11a_MCH_5580MHz_Ant1_NTNV



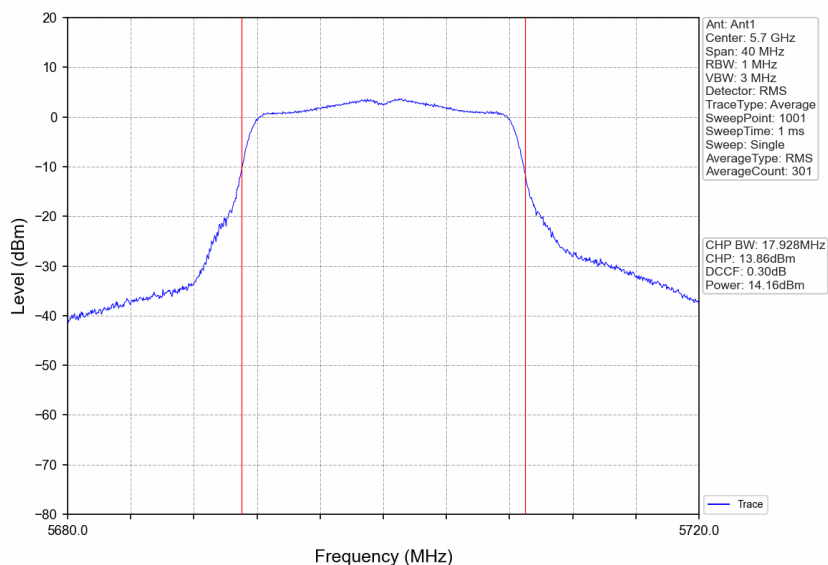
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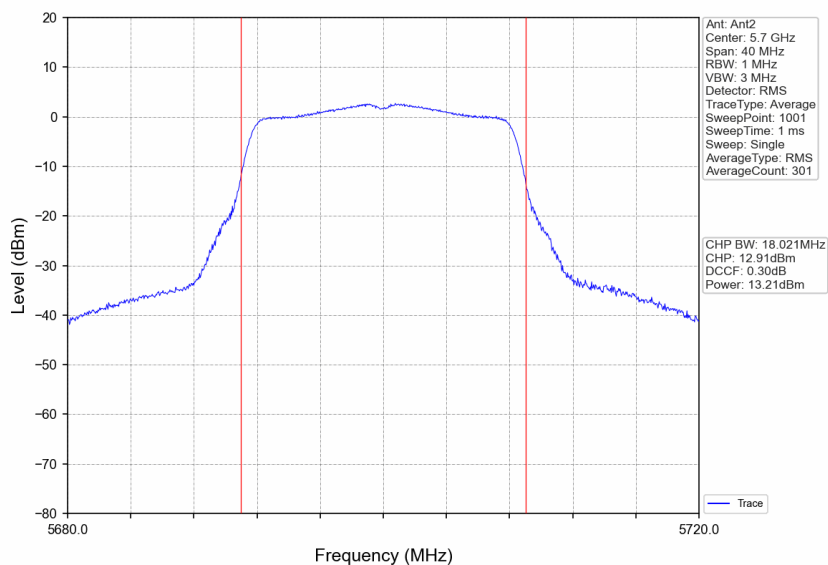
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_HCH_5700MHz_Ant2_NTNV



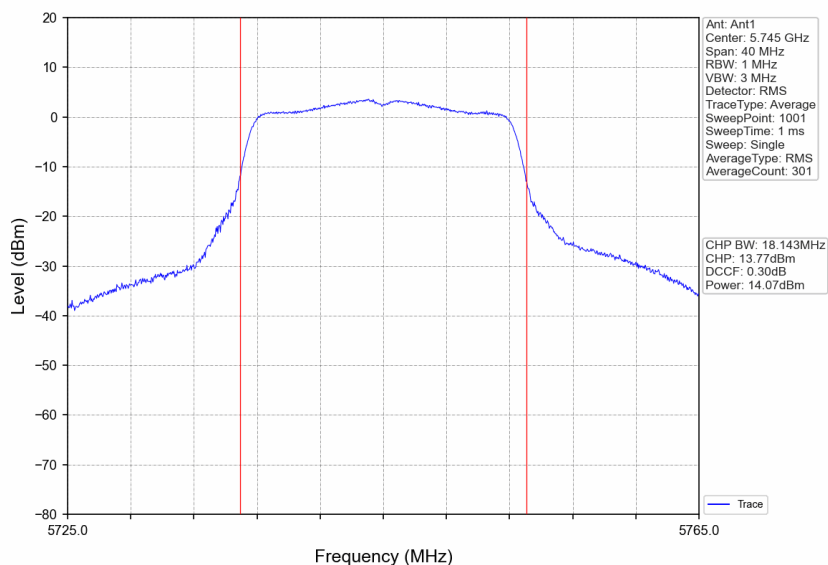
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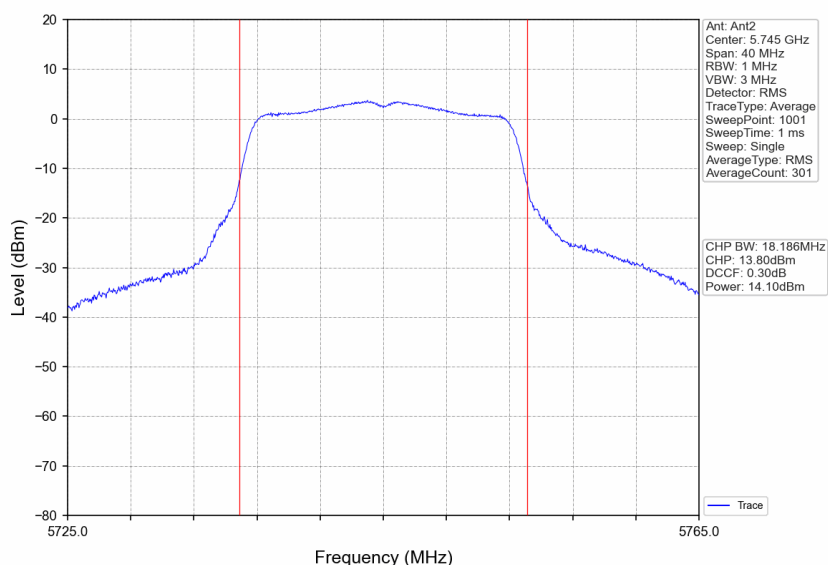
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802.11a LCH_5745MHz_Ant1_NTNV



802.11a LCH_5745MHz_Ant2_NTNV



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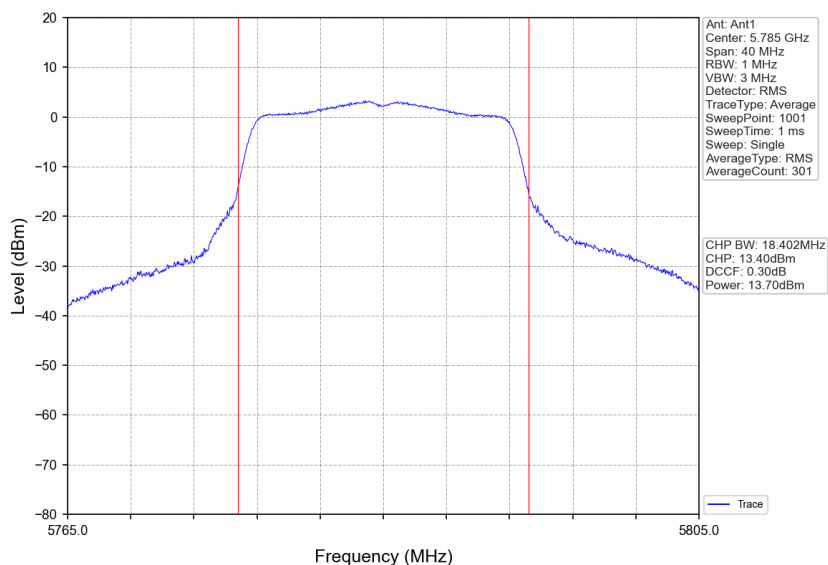
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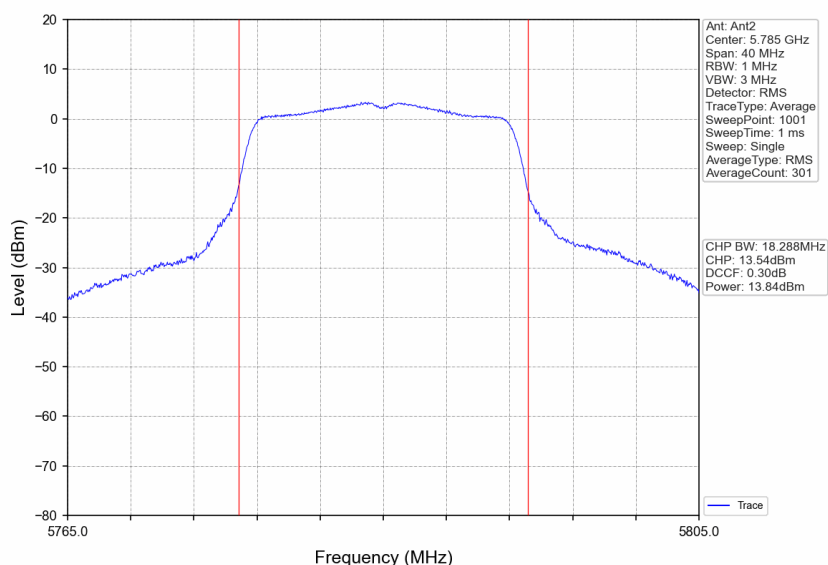
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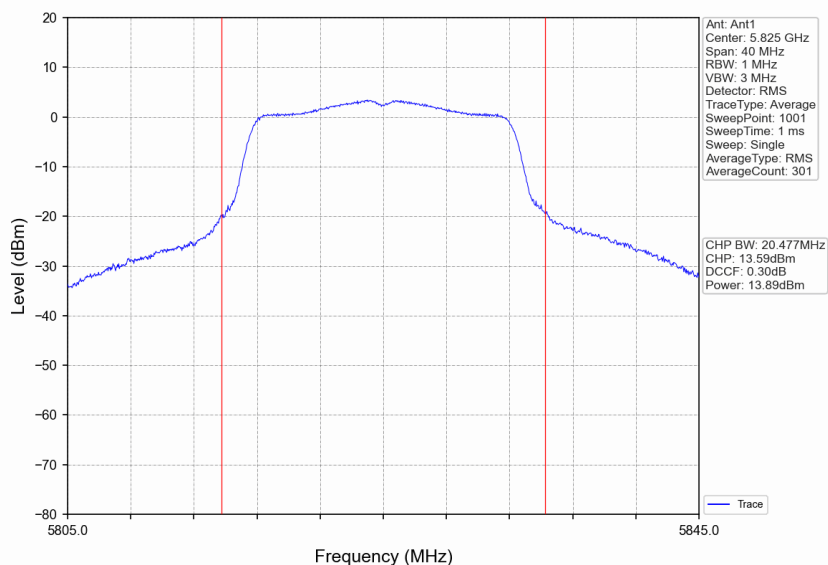
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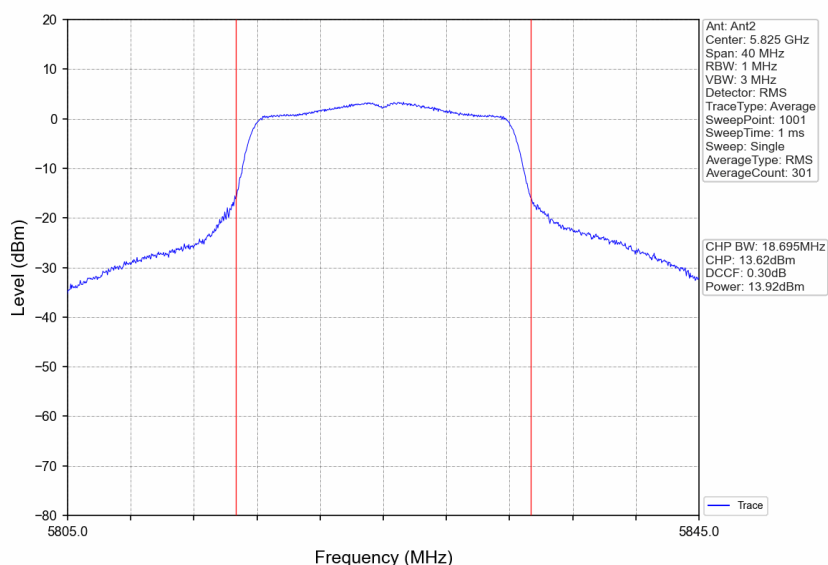
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802.11a_HCH_5825MHz_Ant2_NTNV



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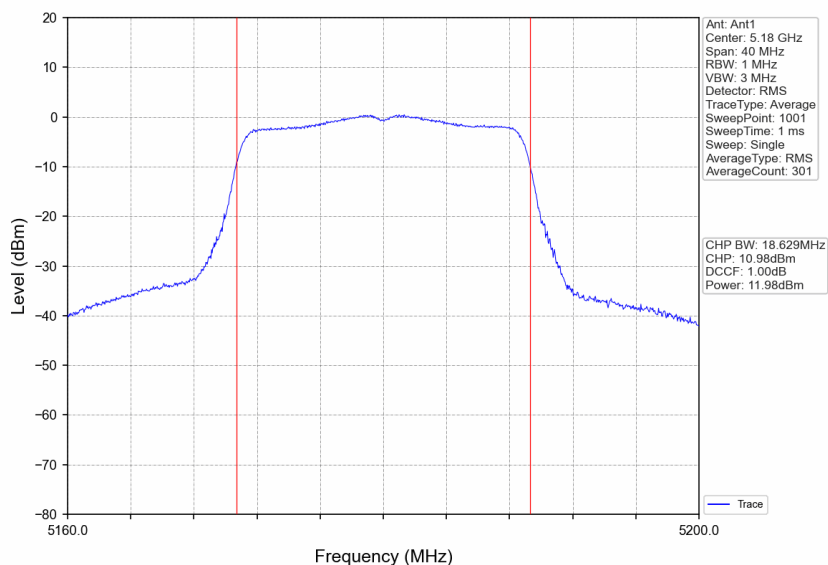
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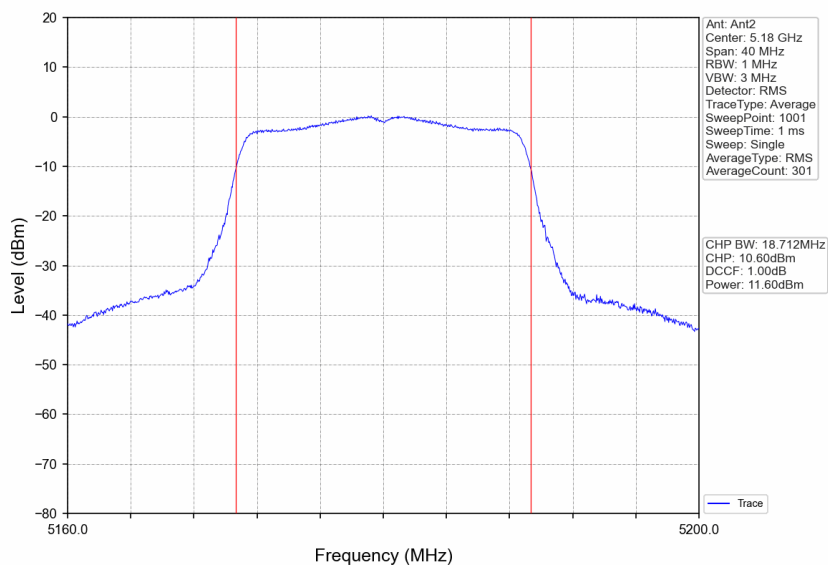
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802.11n(HT20) LCH 5180MHz Ant2 NTN



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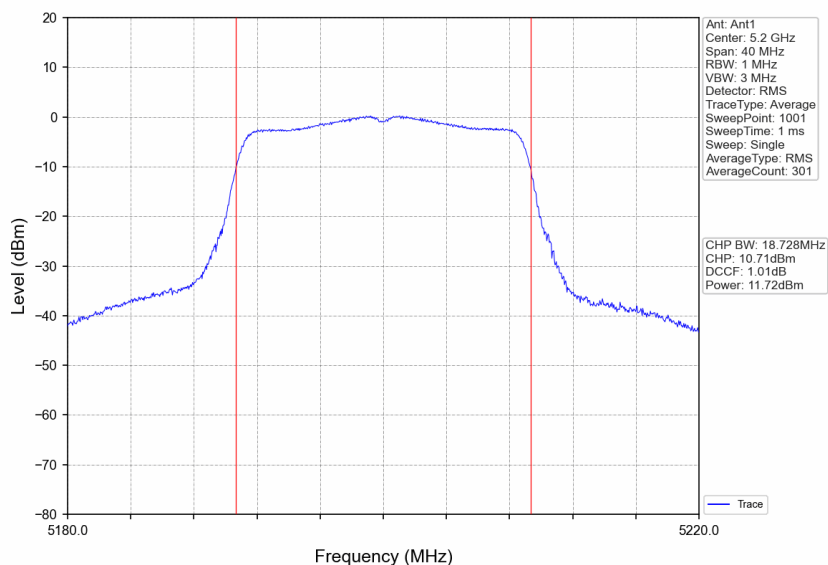
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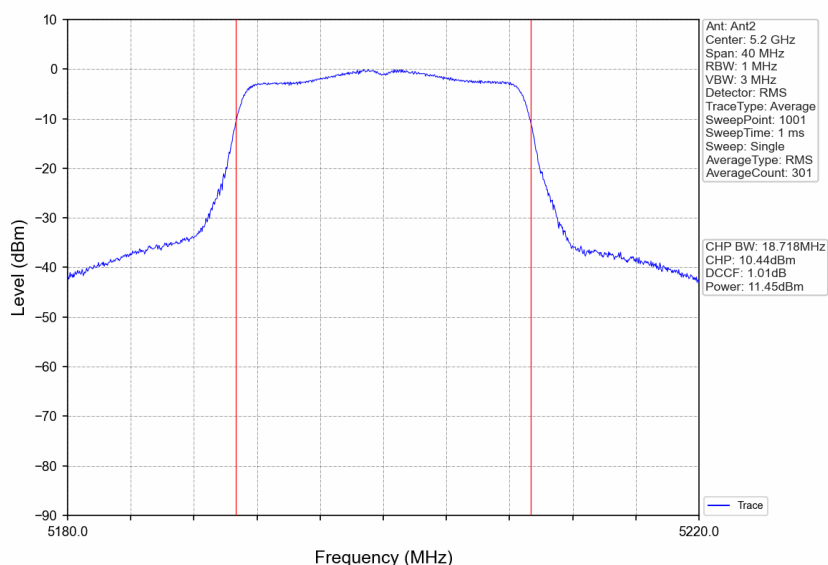
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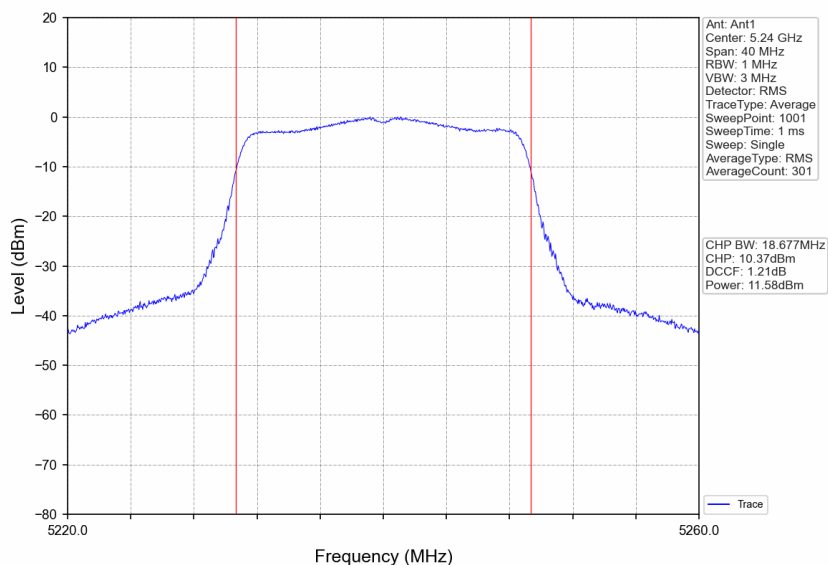
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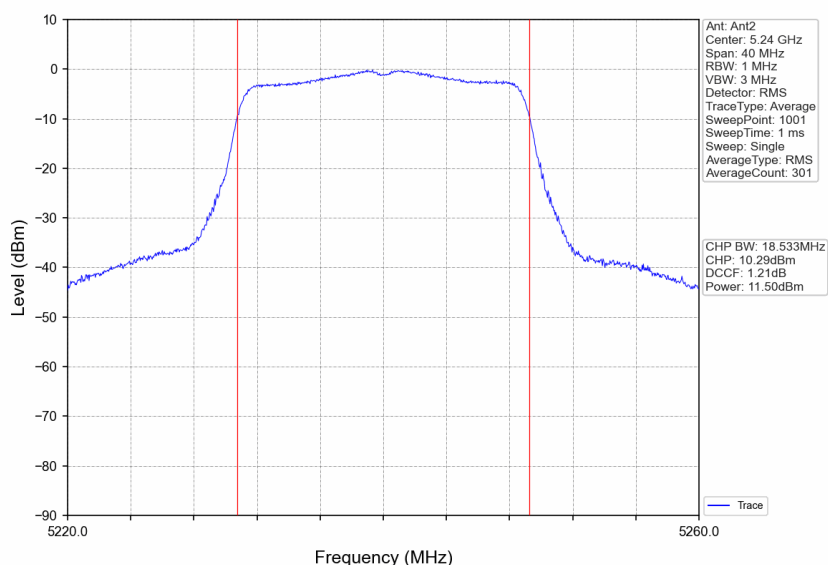
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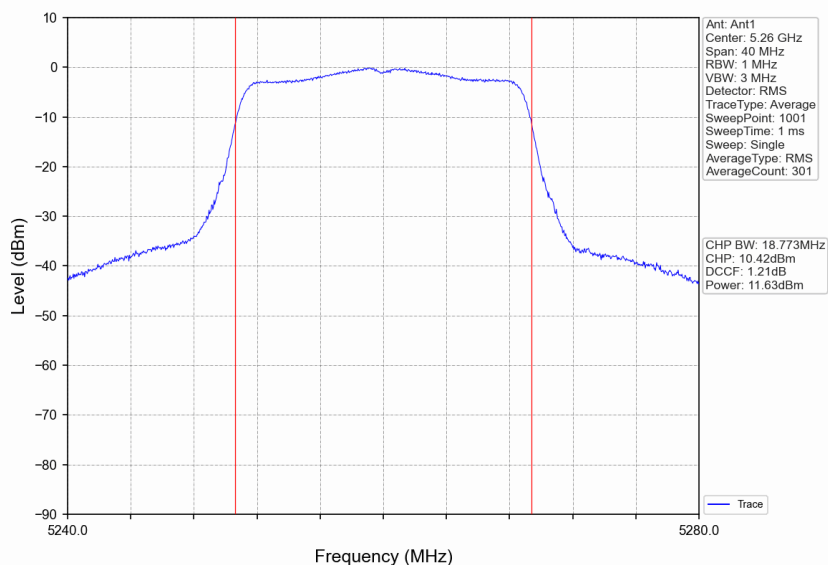
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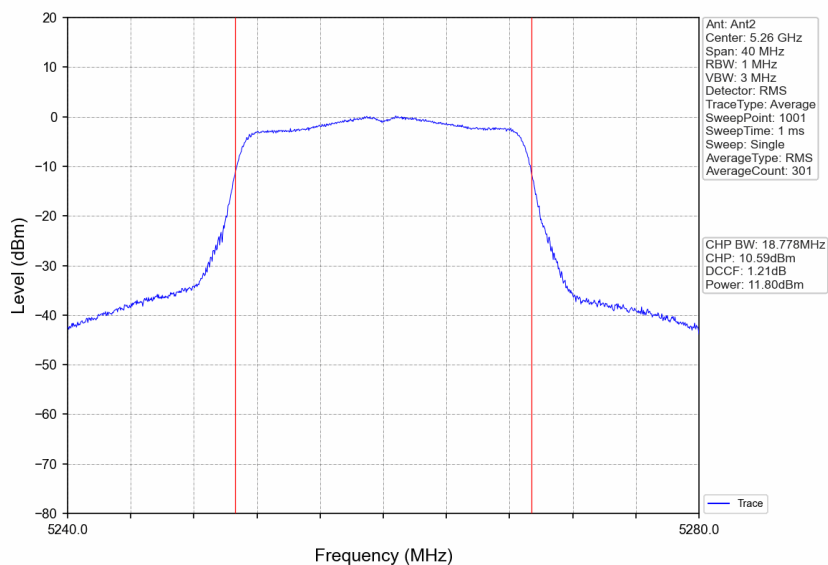
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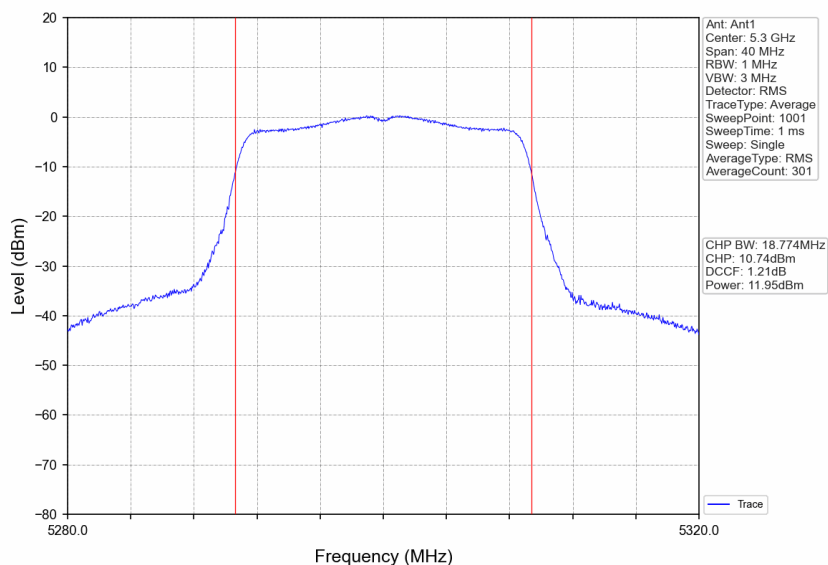
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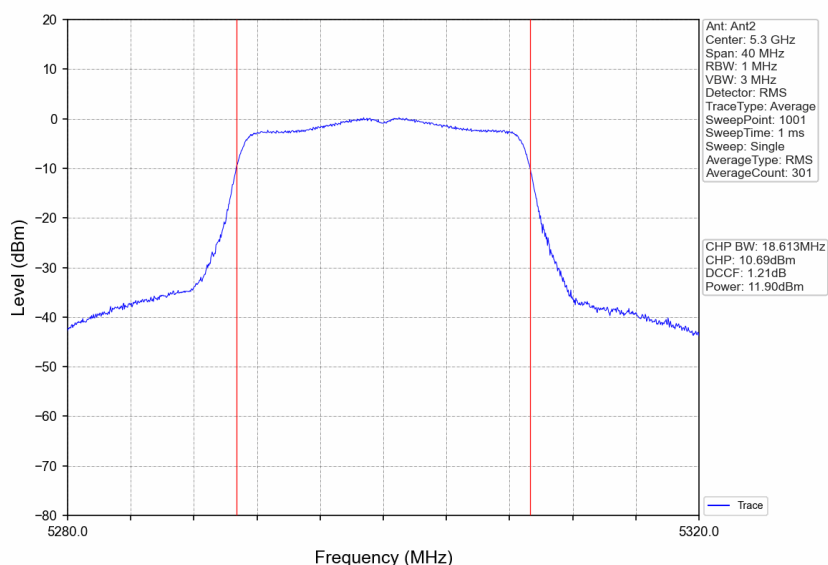
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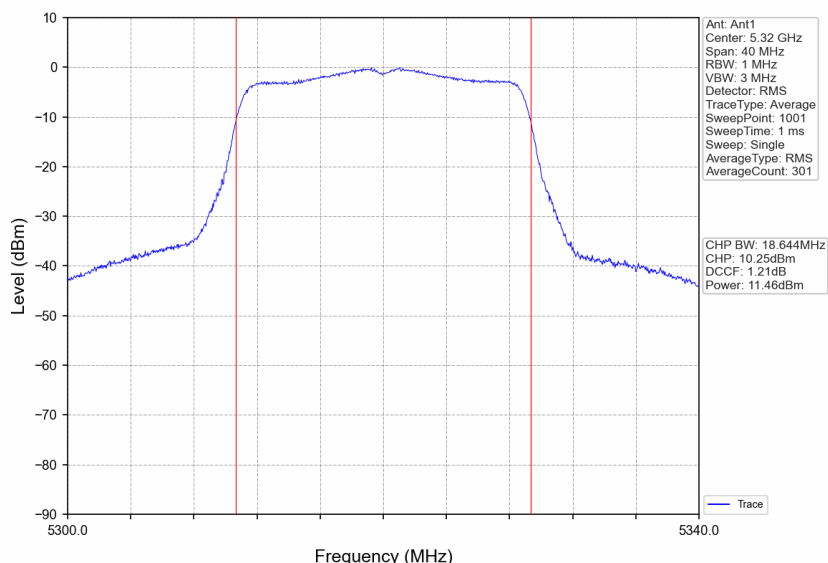
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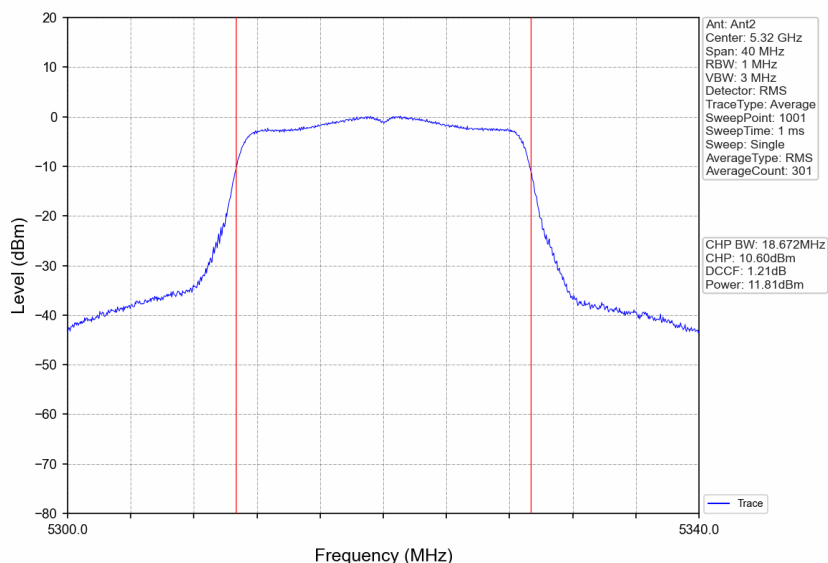
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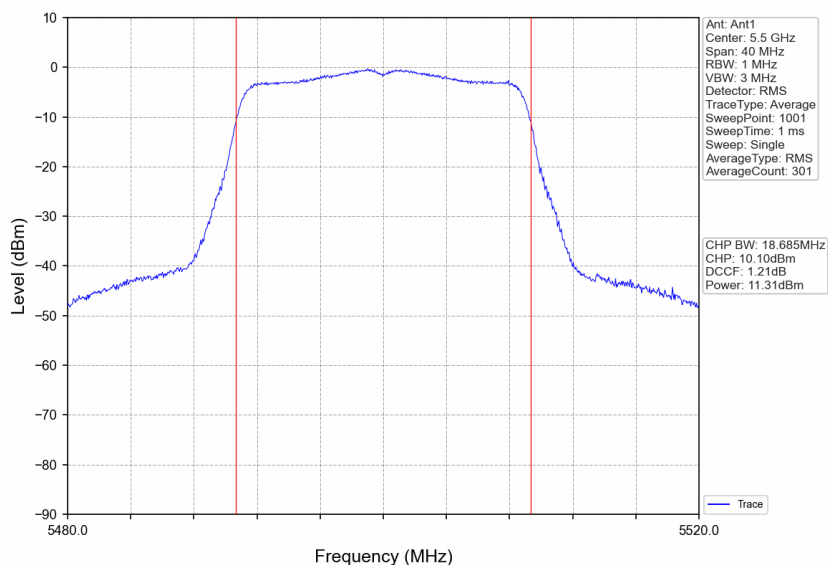
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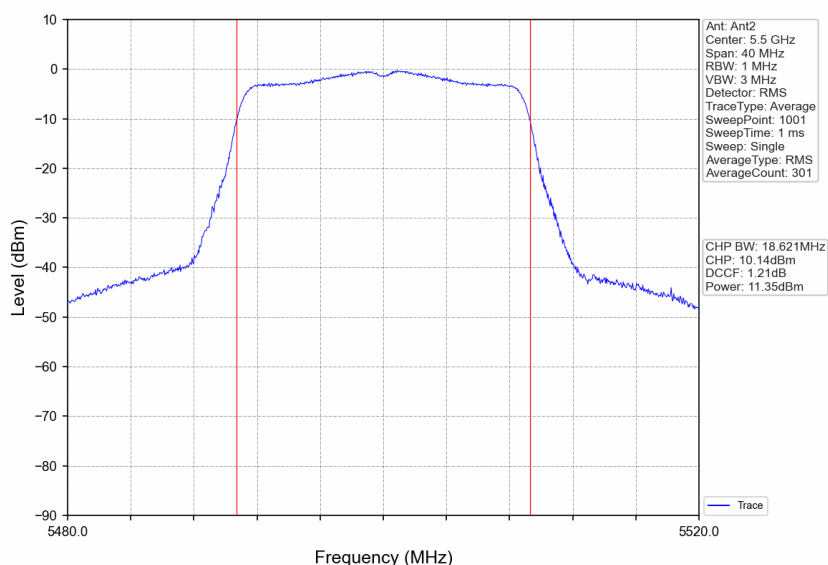
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802.11n(HT20) LCH 5500MHz Ant1 NTN



802.11n(HT20) LCH 5500MHz Ant2 NTN



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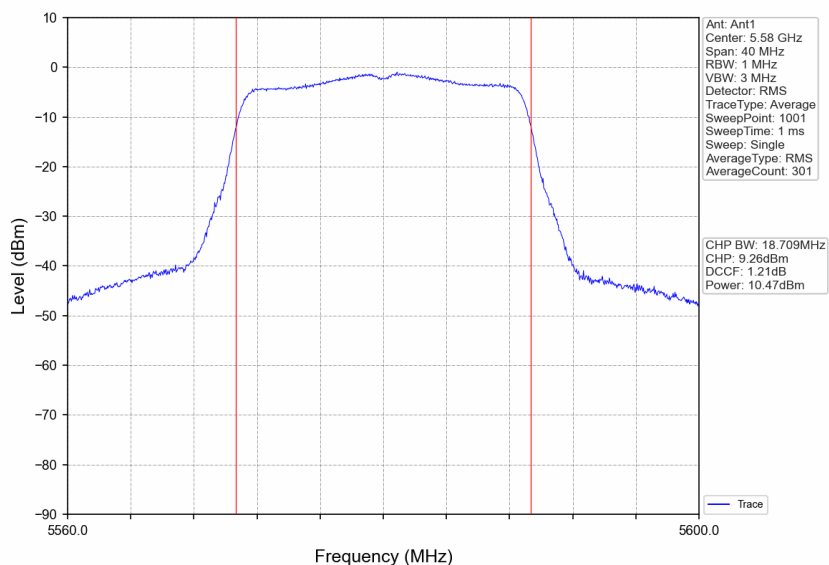
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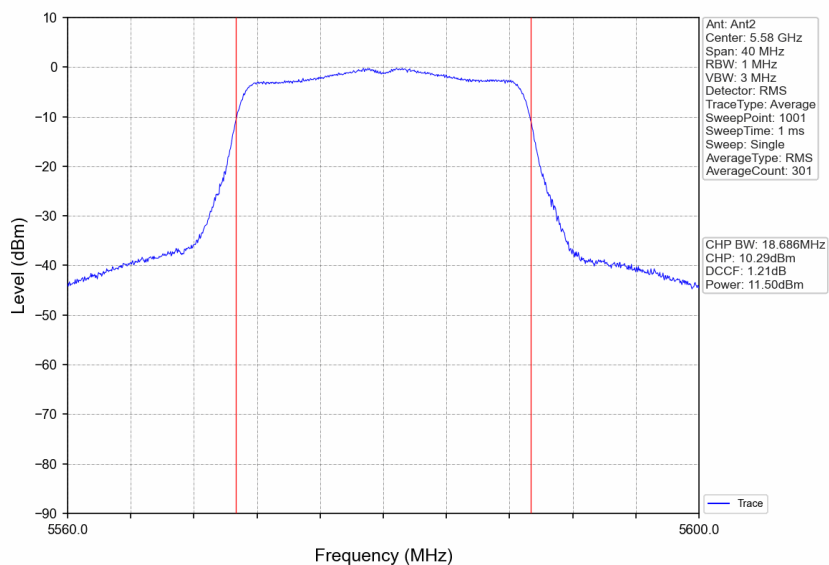
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



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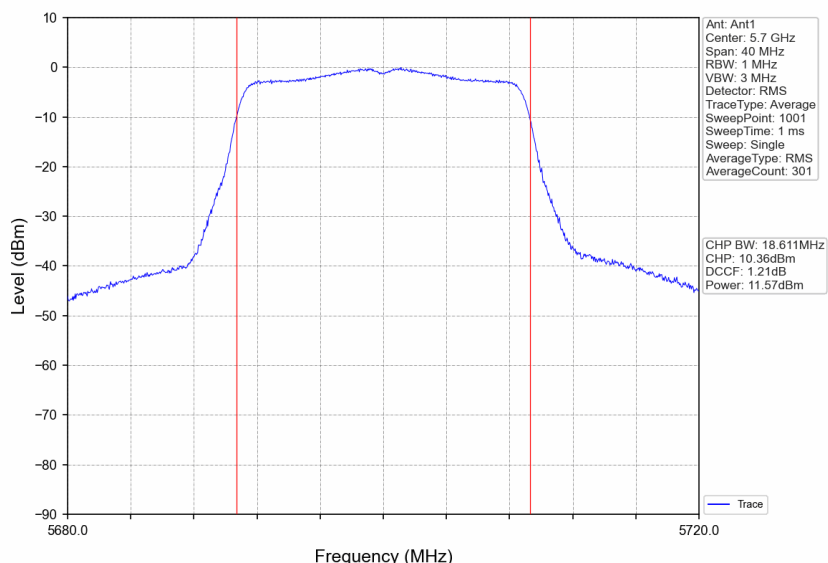
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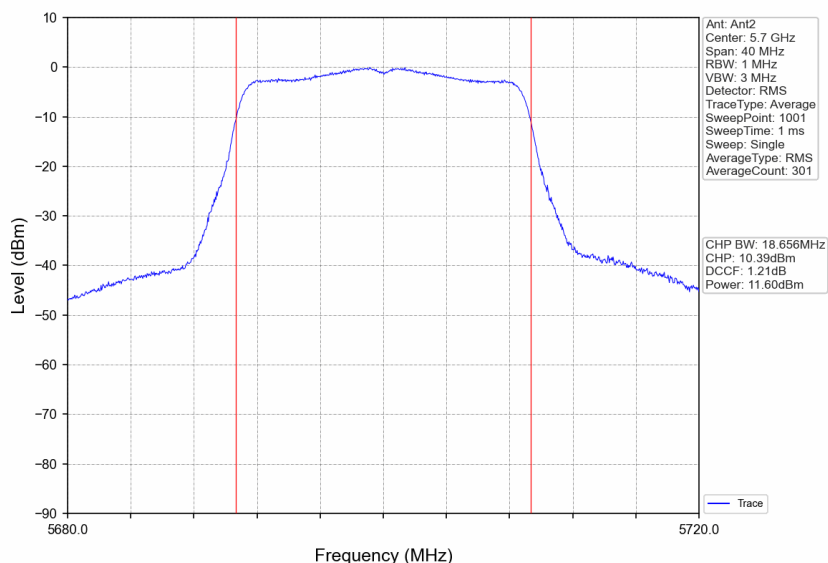
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802.11n(HT20) HCH 5700MHz_Ant1_NTNV



802.11n(HT20) HCH 5700MHz_Ant2_NTNV



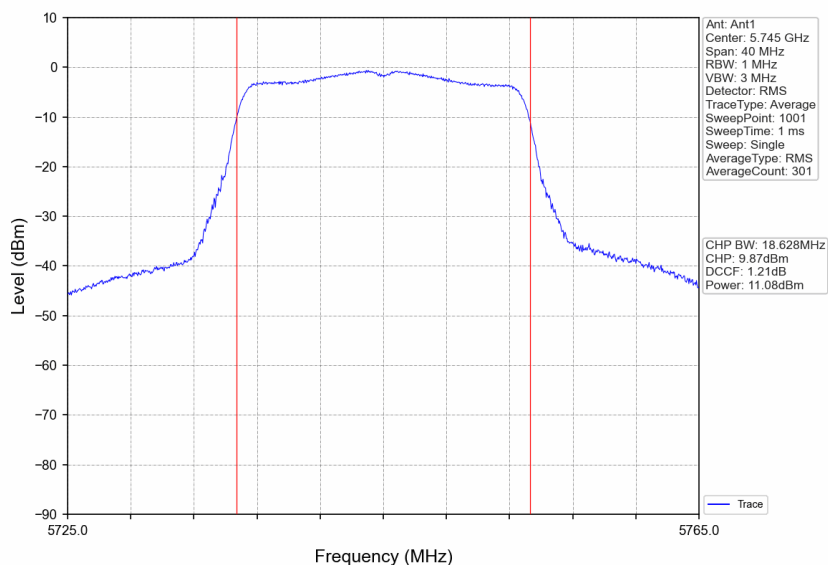
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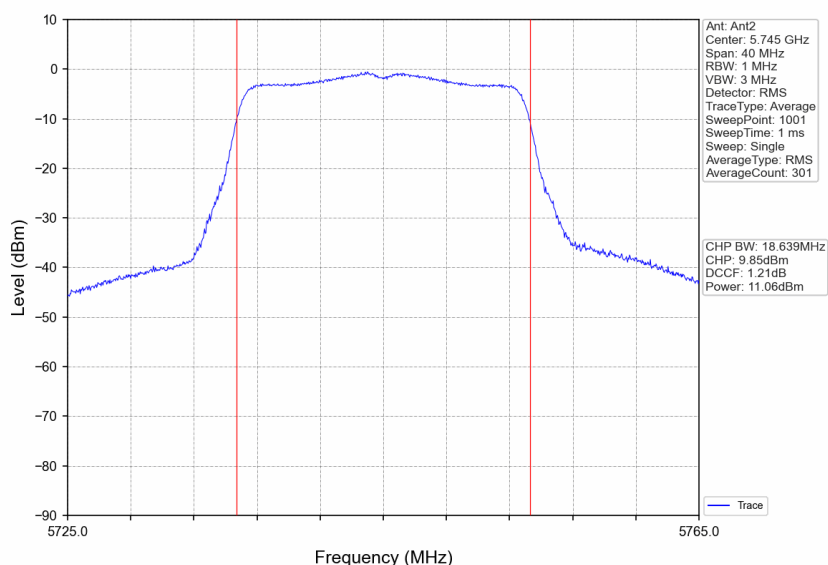
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802.11n(HT20) LCH 5745MHz Ant1 NTN



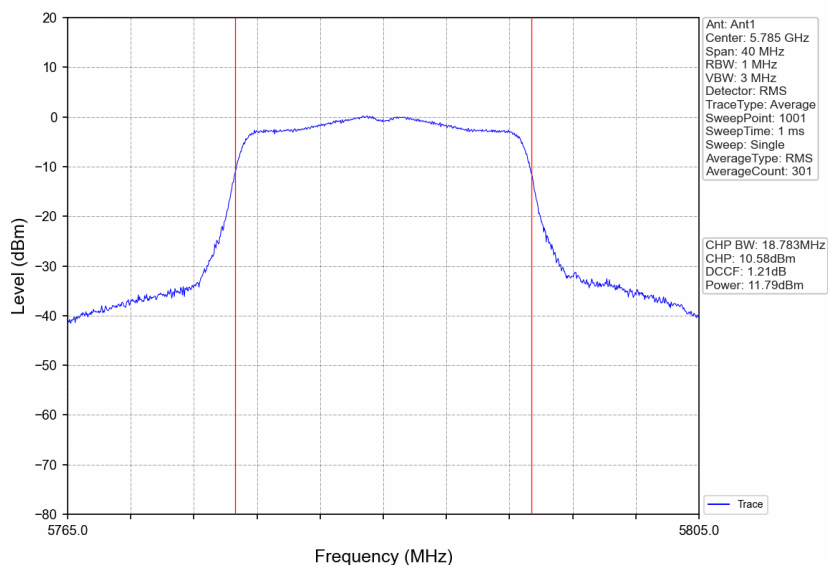
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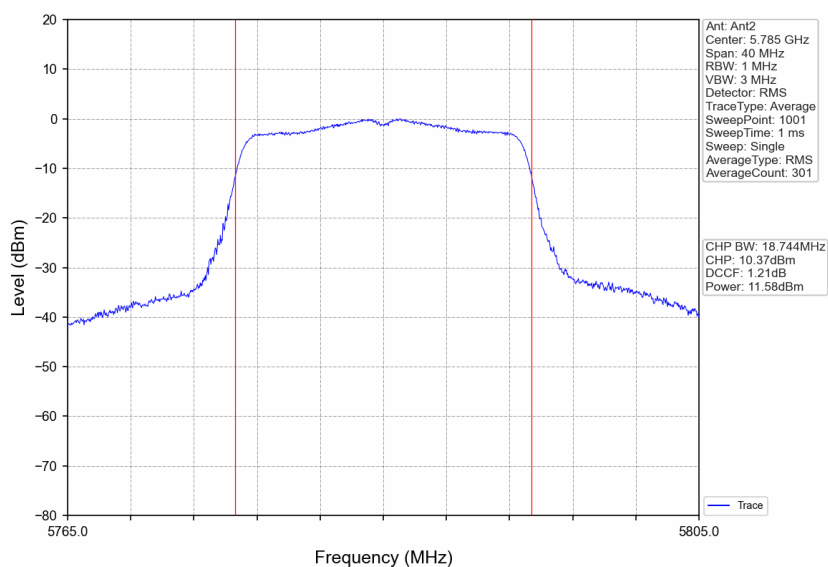
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



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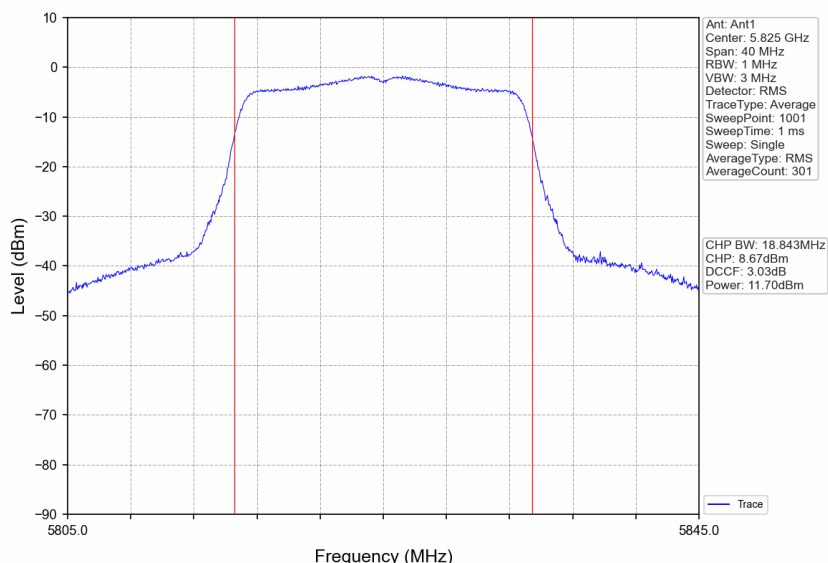
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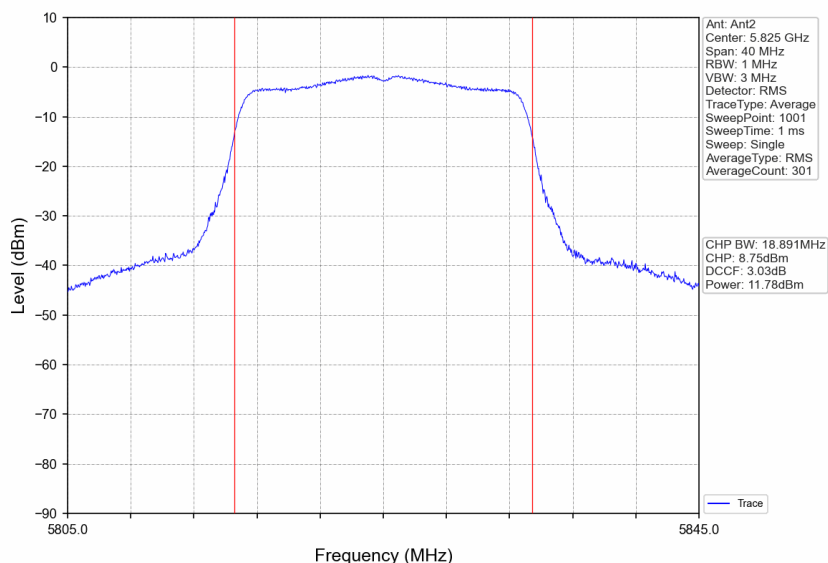
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802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



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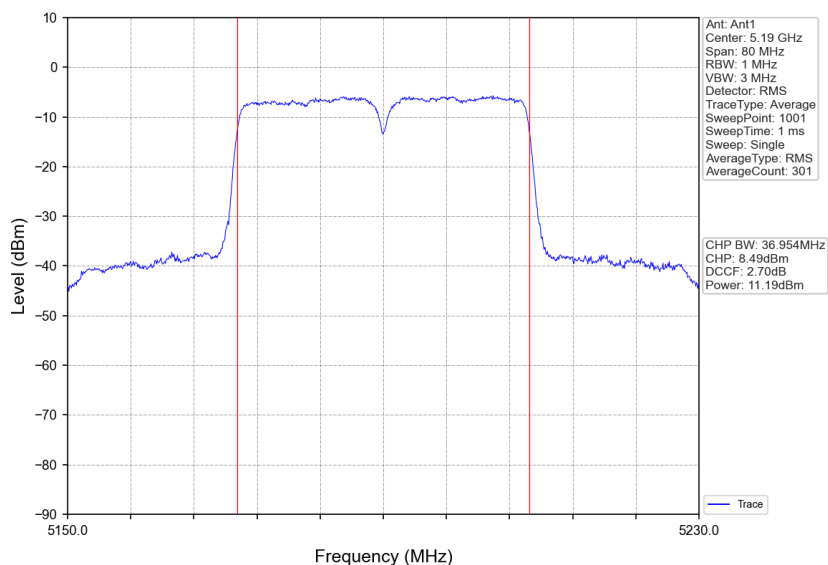
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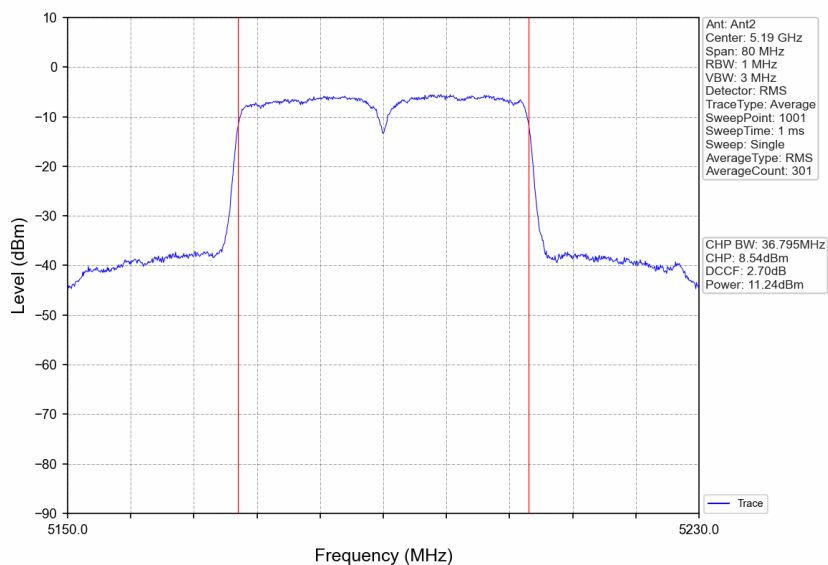
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802.11n(HT40) LCH 5190MHz Ant1 NTN



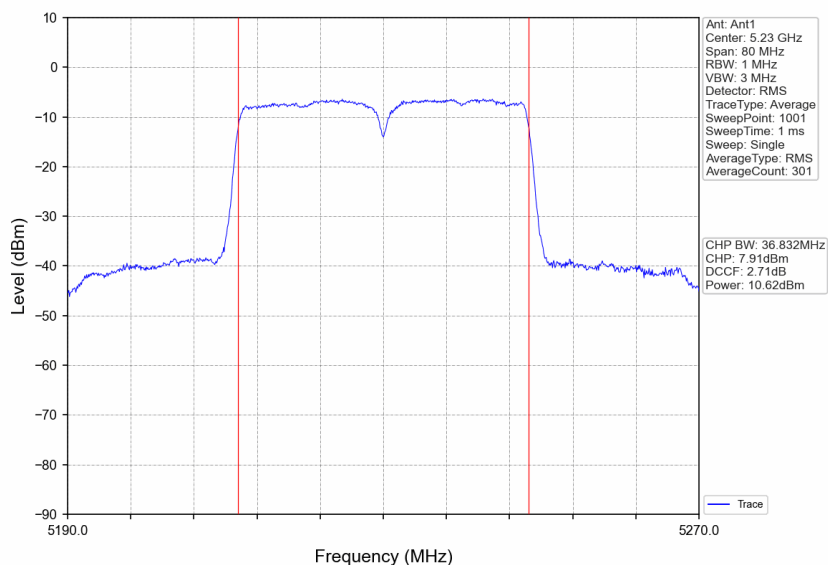
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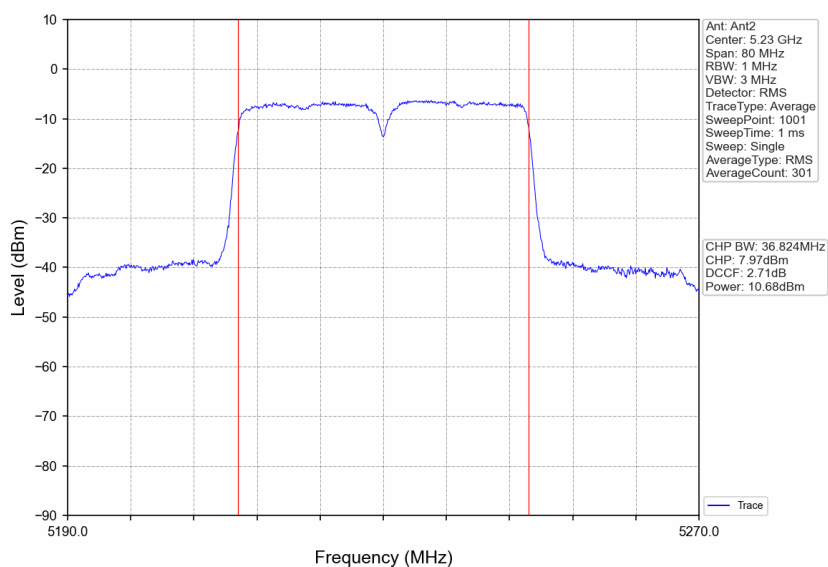
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802.11n(HT40) HCH 5230MHz Ant1 NTN



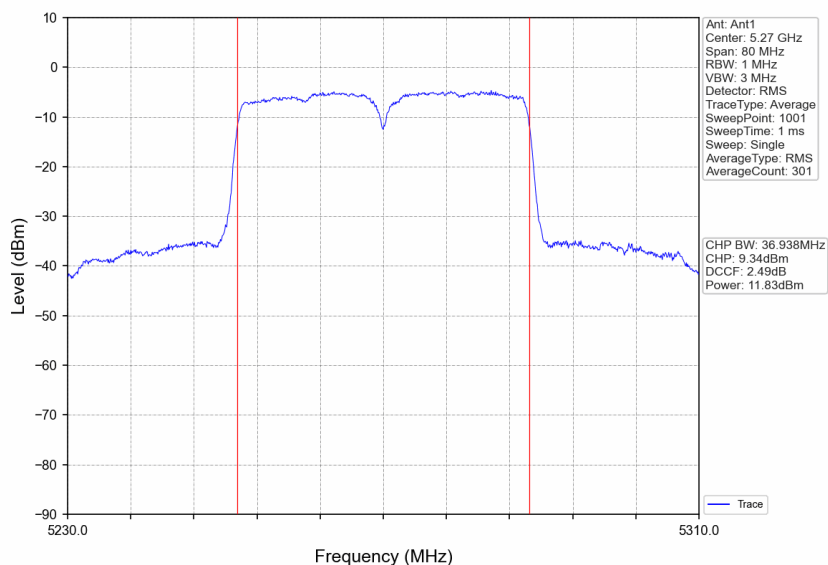
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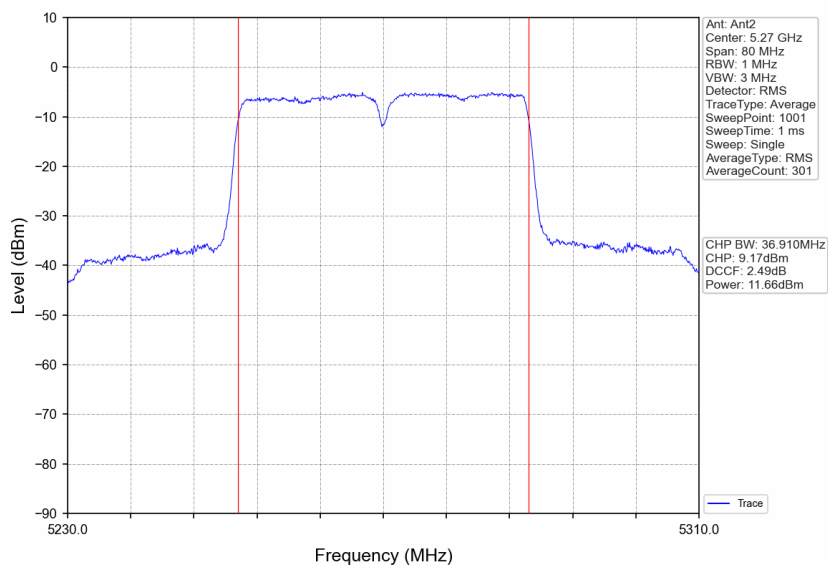
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802.11n(HT40) LCH 5270MHz Ant1 NTN



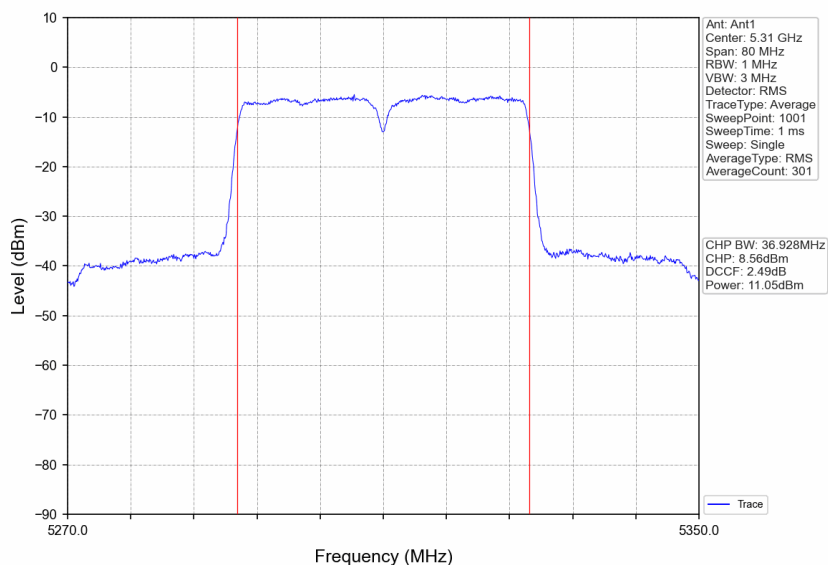
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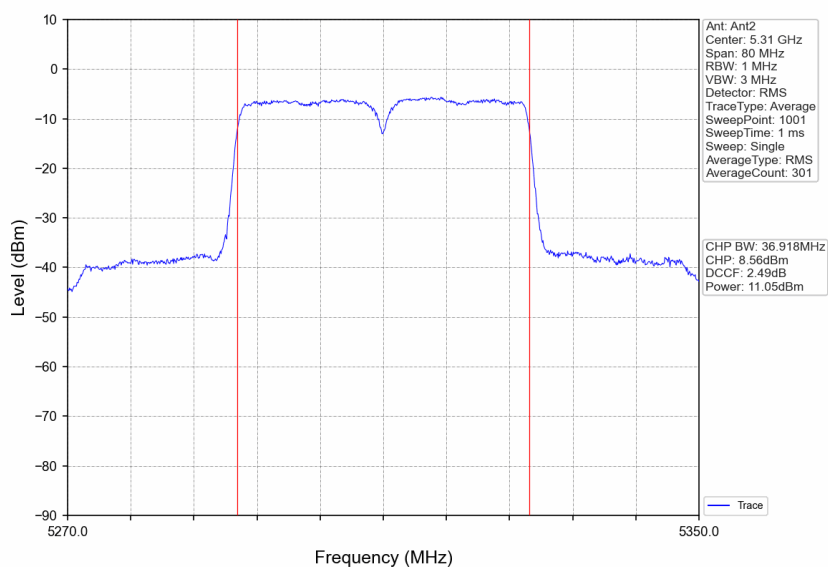
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802.11n(HT40) HCH 5310MHz_Ant2_NTNV



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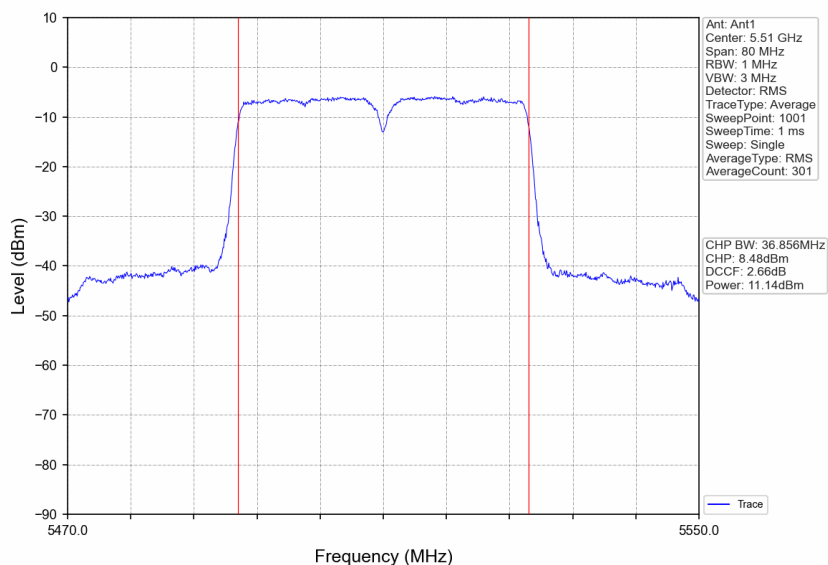
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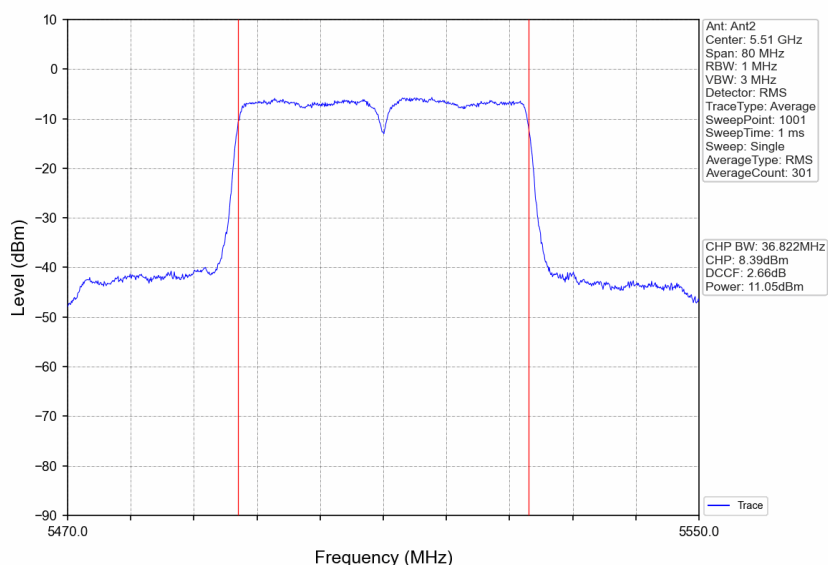
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802.11n(HT40) LCH 5510MHz Ant1 NTN



802.11n(HT40) LCH 5510MHz Ant2 NTN



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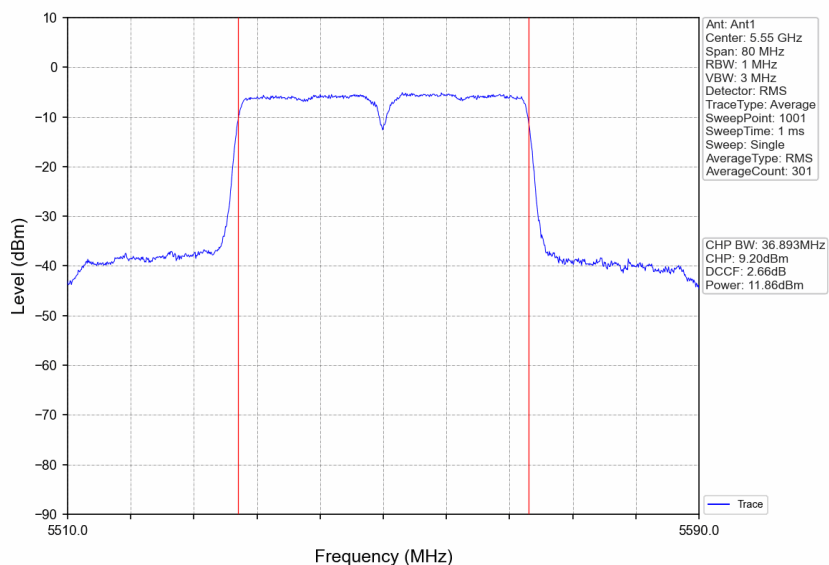
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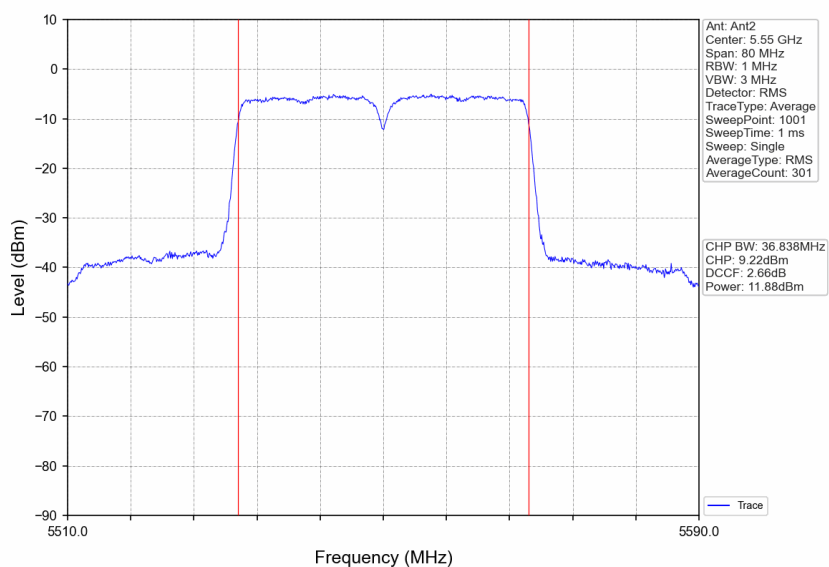
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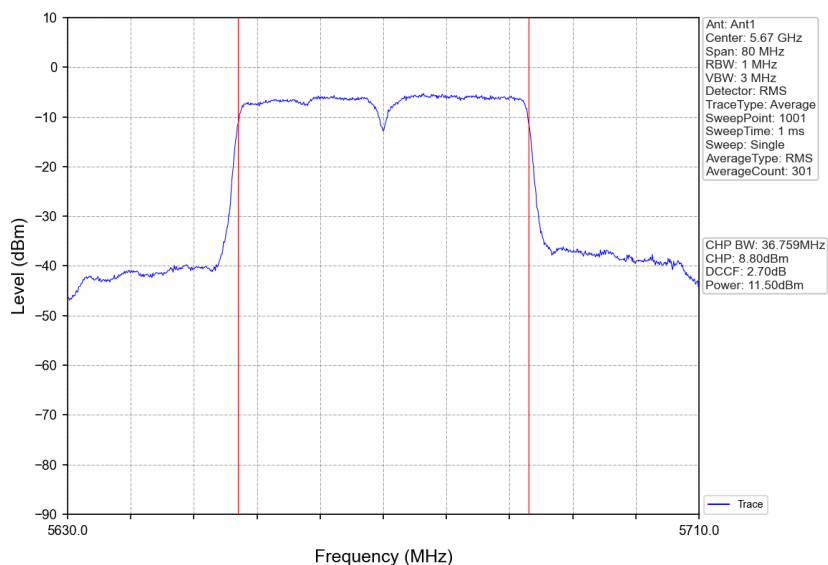
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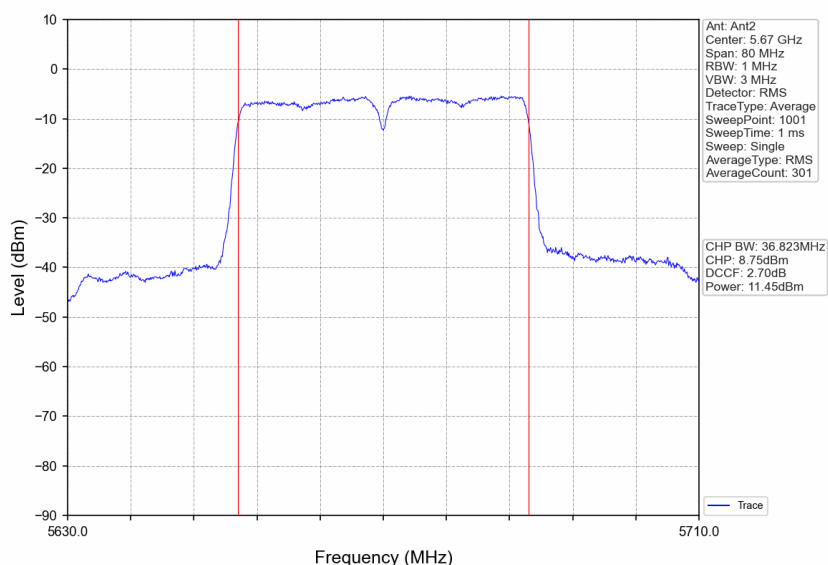
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802.11n(HT40) HCH 5670MHz Ant1 NTN



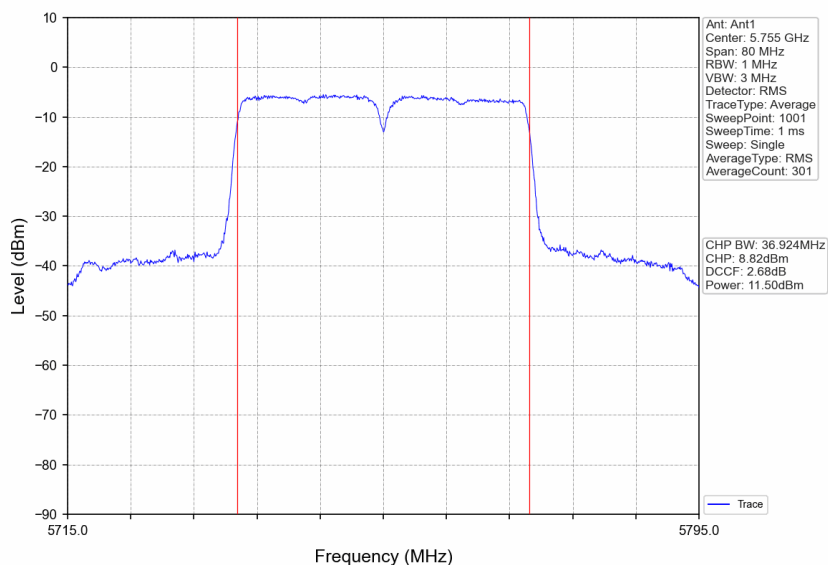
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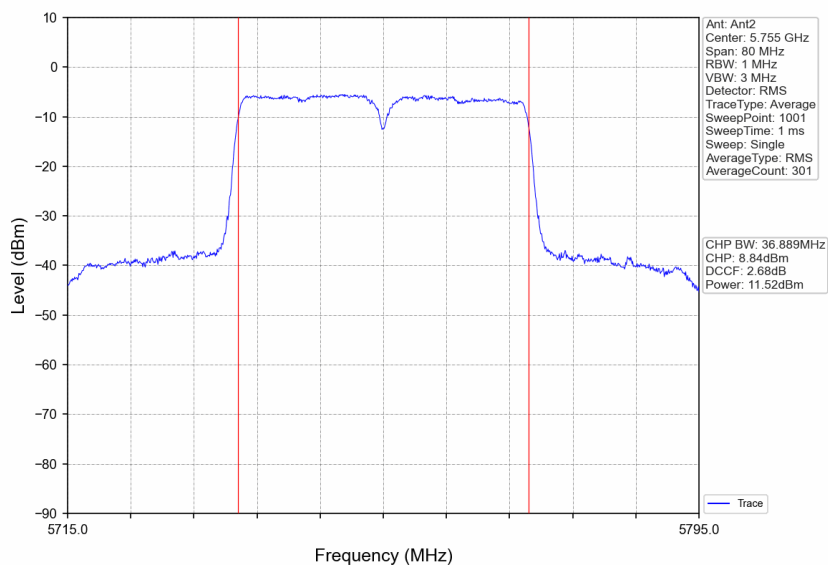
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802.11n(HT40) LCH 5755MHz Ant1 NTN



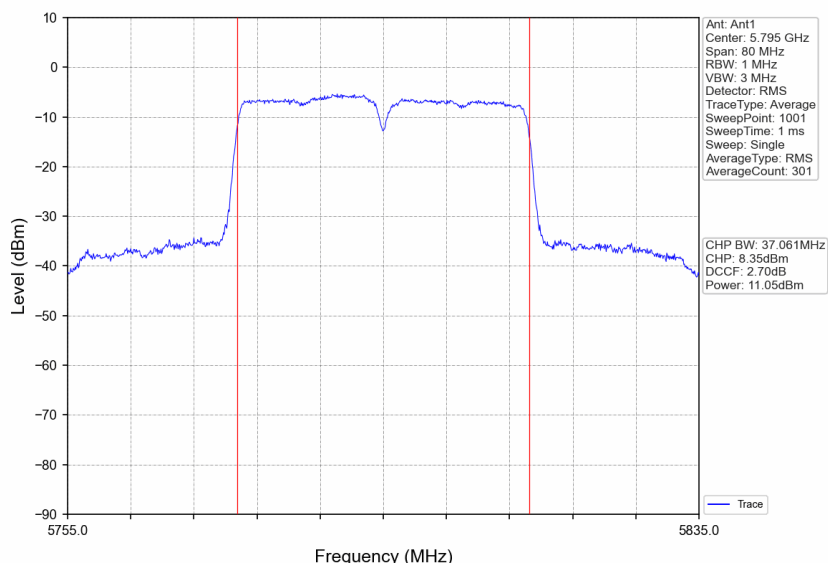
802.11n(HT40) LCH 5755MHz Ant2 NTN



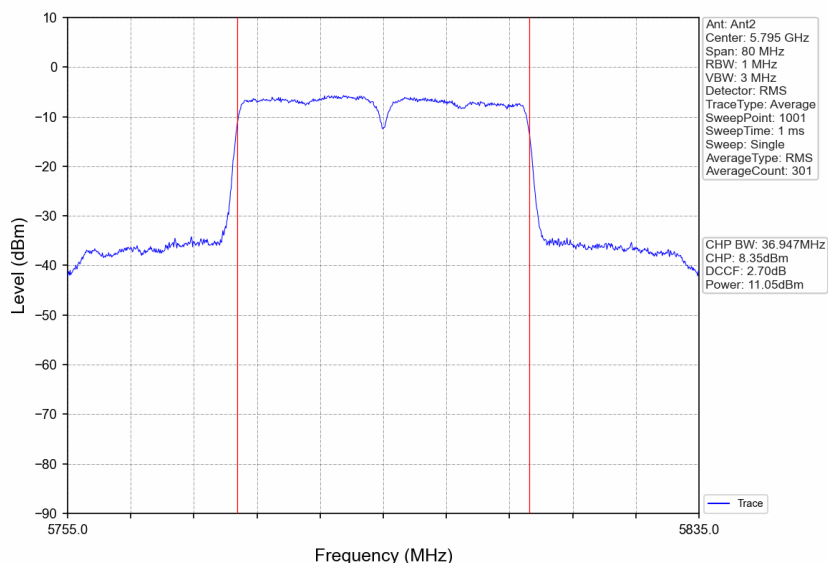
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802.11n(HT40) HCH 5795MHz Ant1 NTN



802.11n(HT40) HCH 5795MHz Ant2 NTN



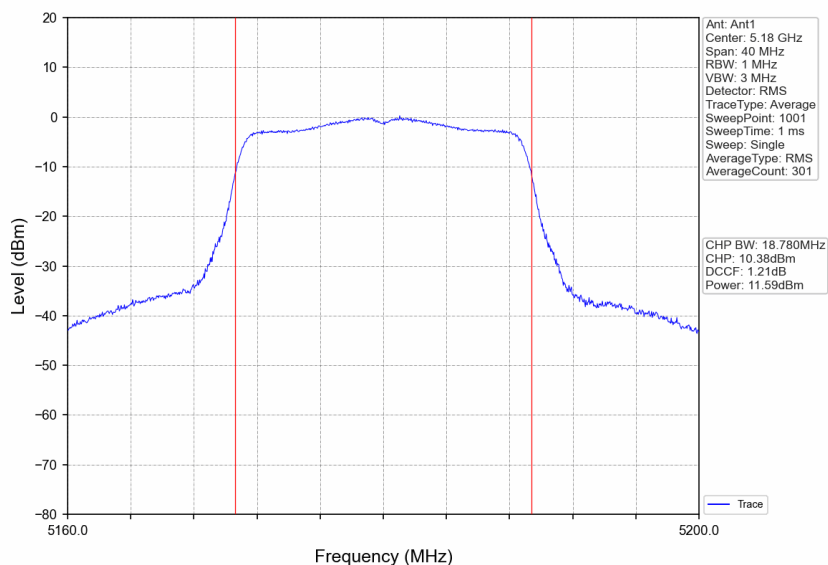
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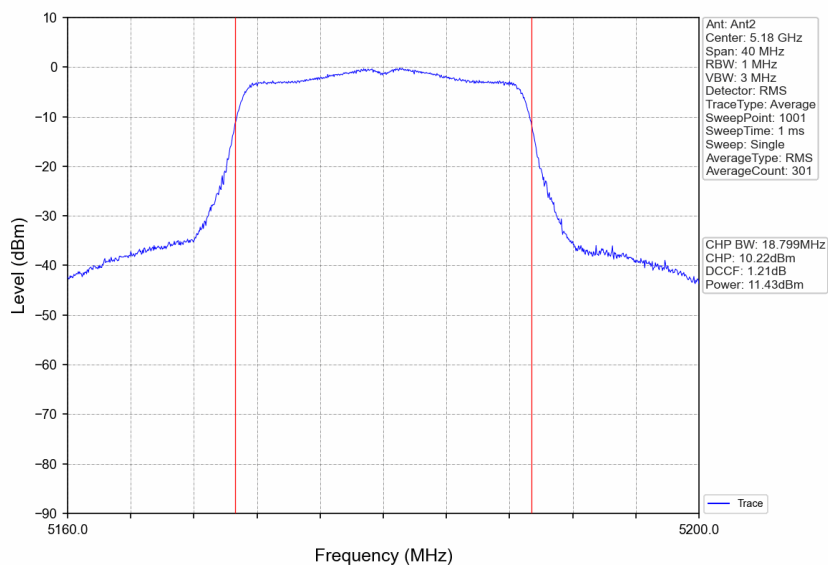
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802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5180MHz_Ant2_NTNV



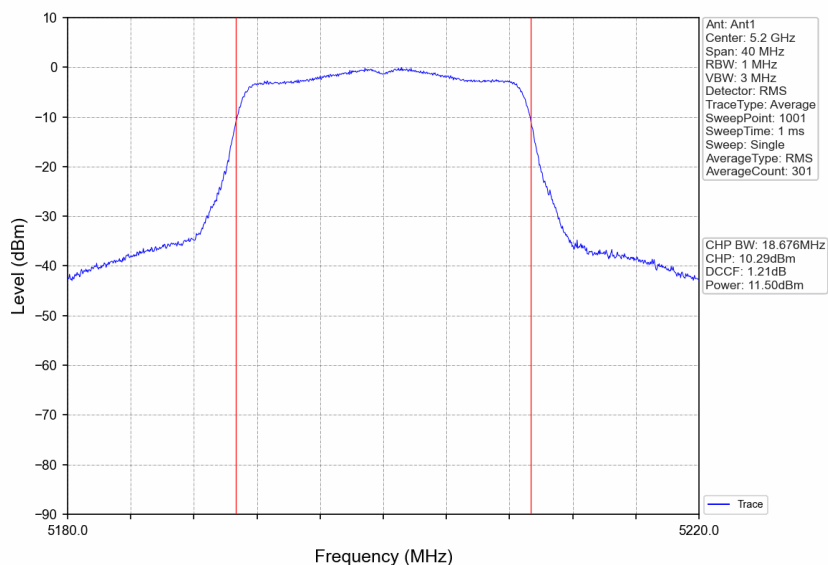
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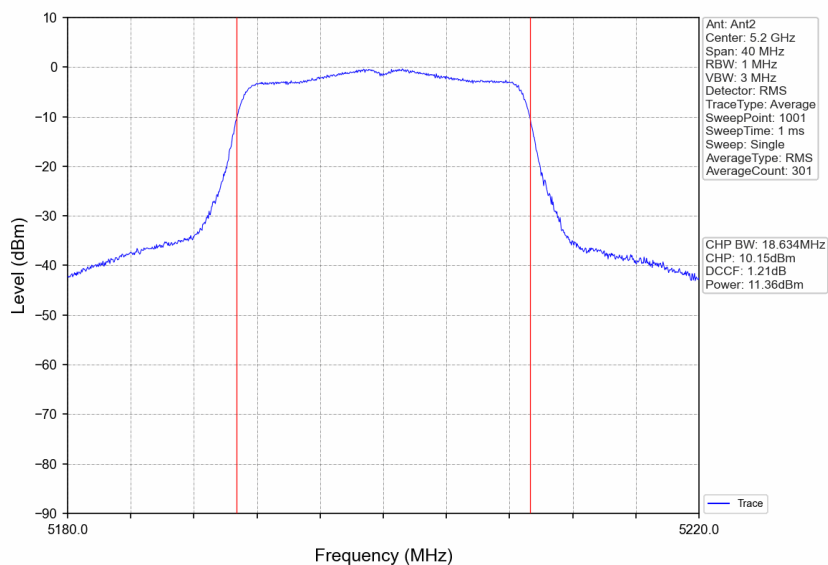
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802.11ac(VHT20) MCH 5200MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5200MHz_Ant2_NTNV



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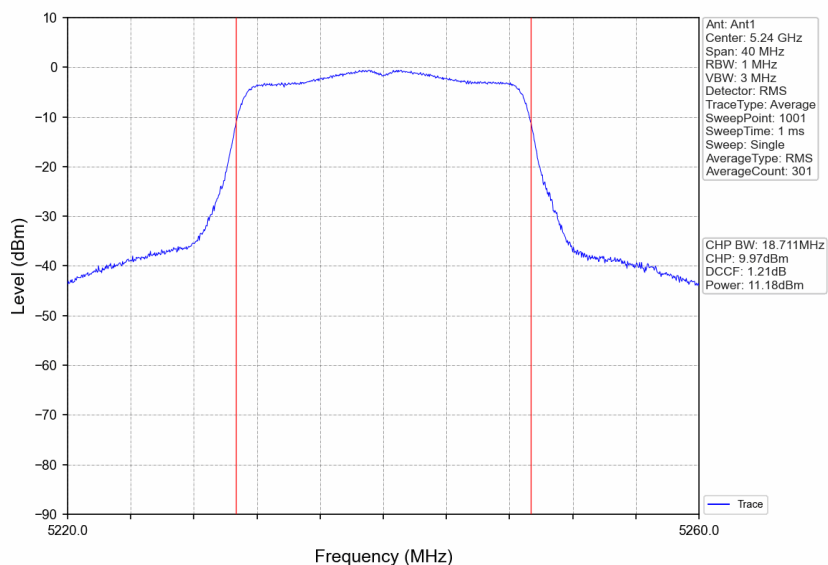
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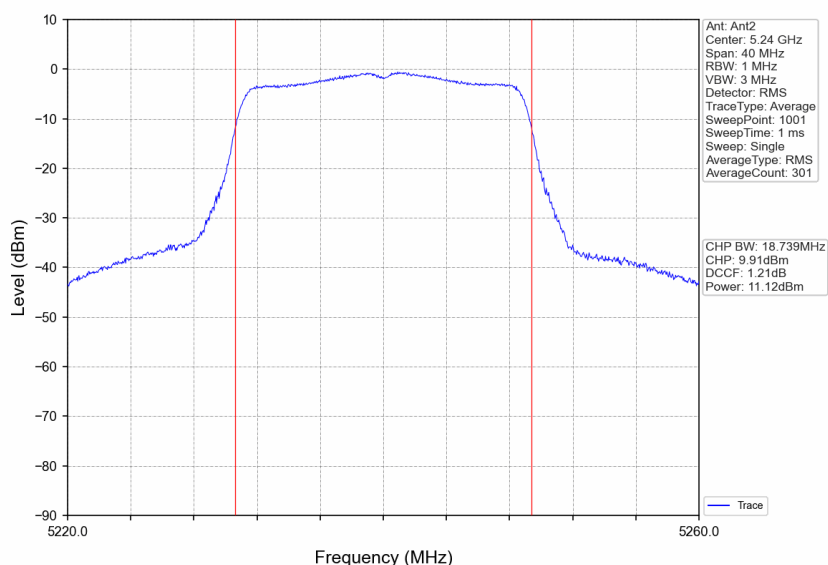
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802.11ac(VHT20) HCH 5240MHz Ant1 NTV



802.11ac(VHT20) HCH 5240MHz Ant2 NTV



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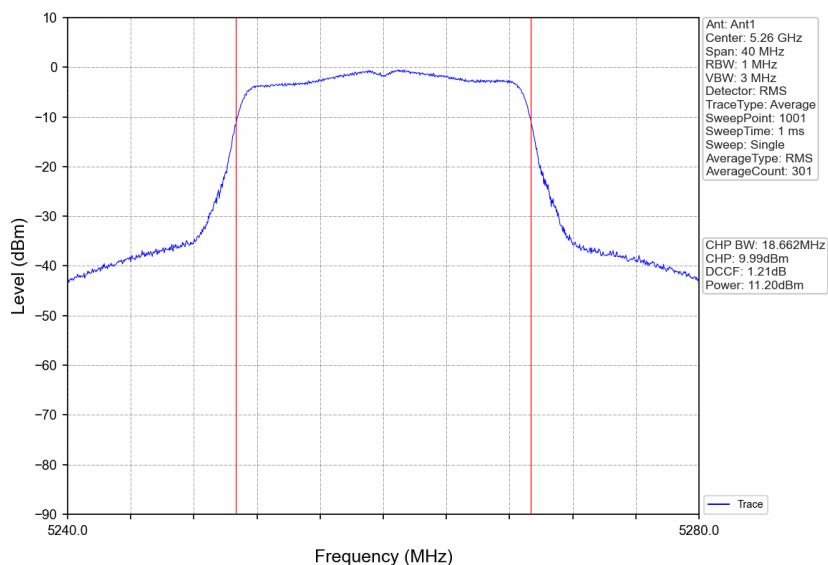
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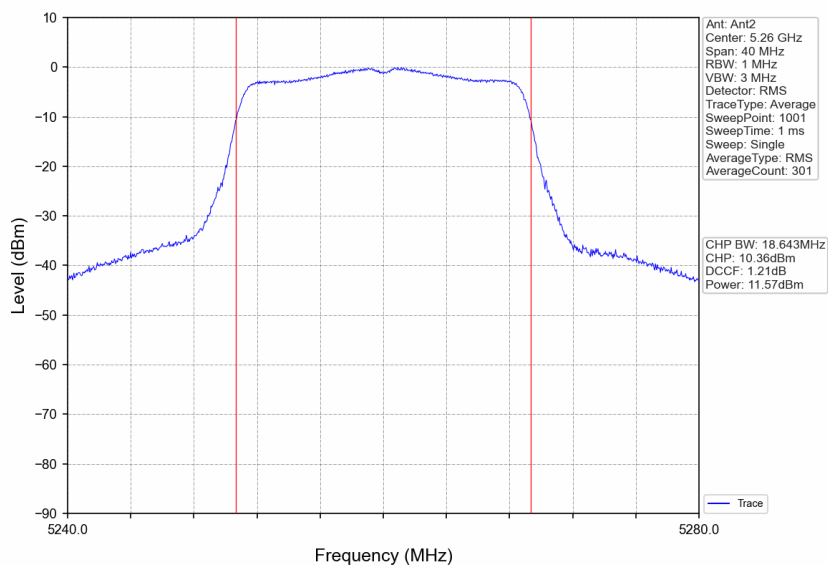
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802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



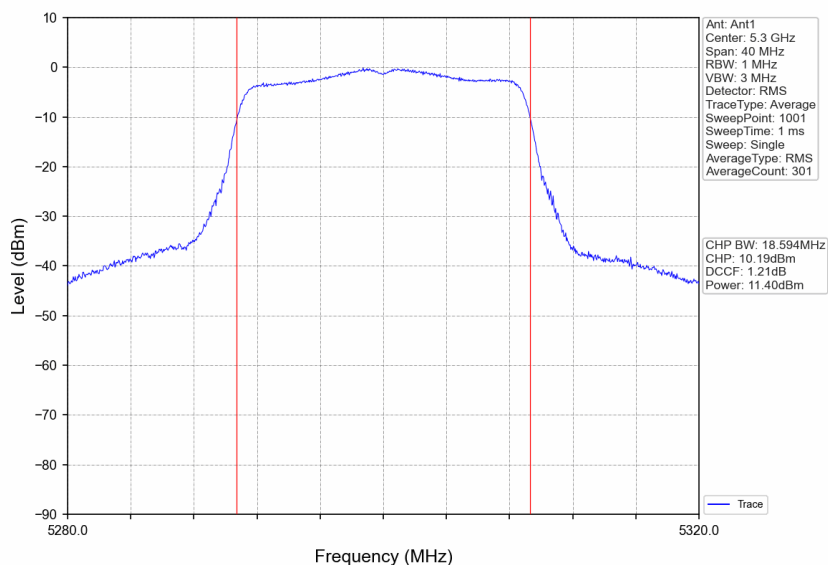
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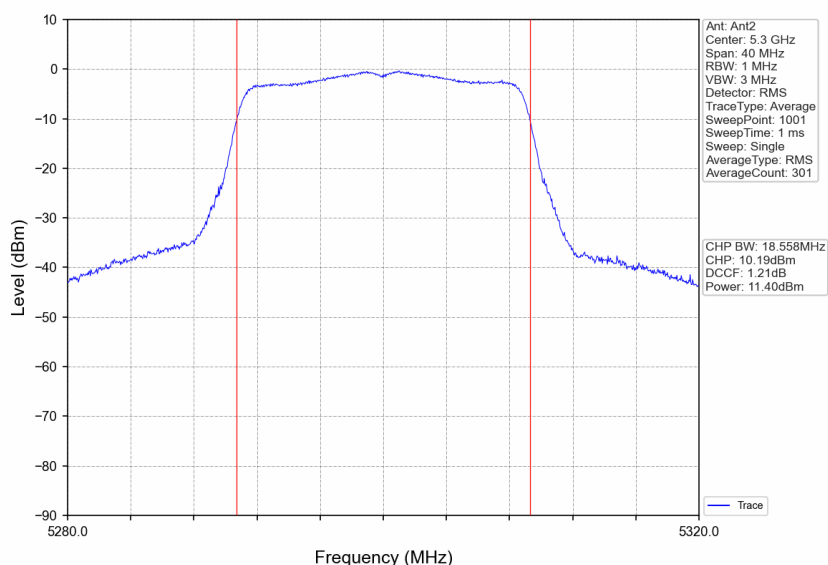
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802.11ac(VHT20) MCH 5300MHz Ant1 NTN



802.11ac(VHT20) MCH 5300MHz Ant2 NTN



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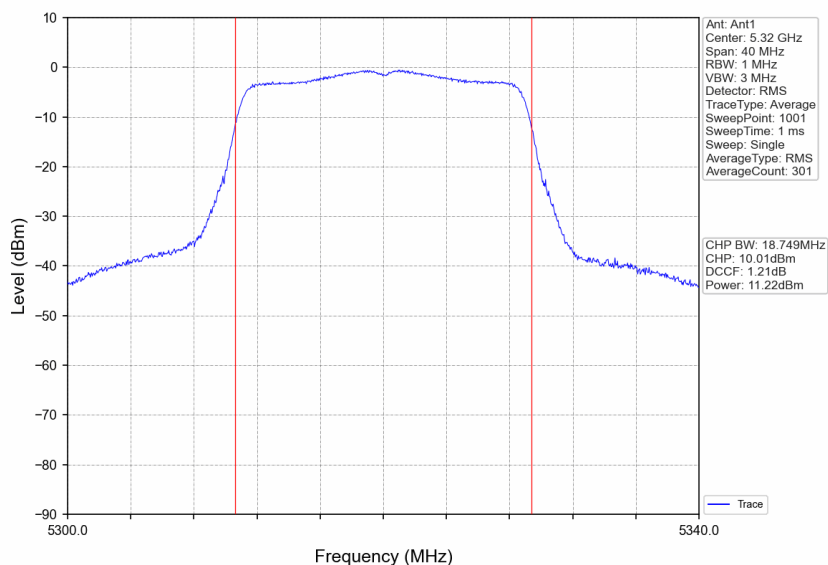
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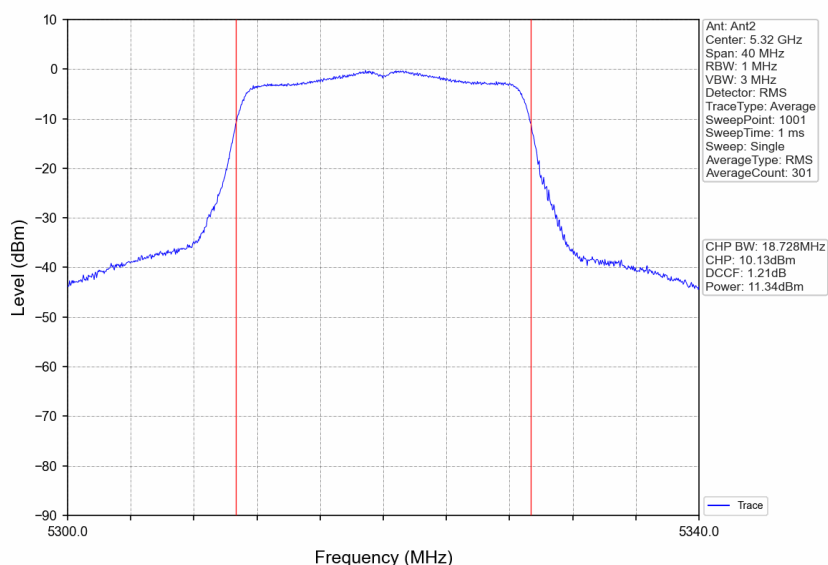
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802.11ac(VHT20) HCH 5320MHz Ant1 NTNV



802.11ac(VHT20) HCH 5320MHz Ant2 NTNV



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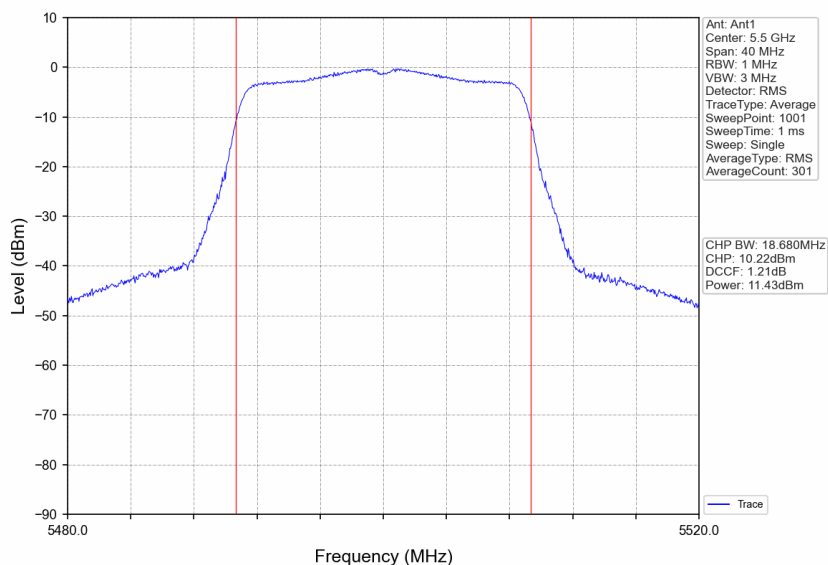
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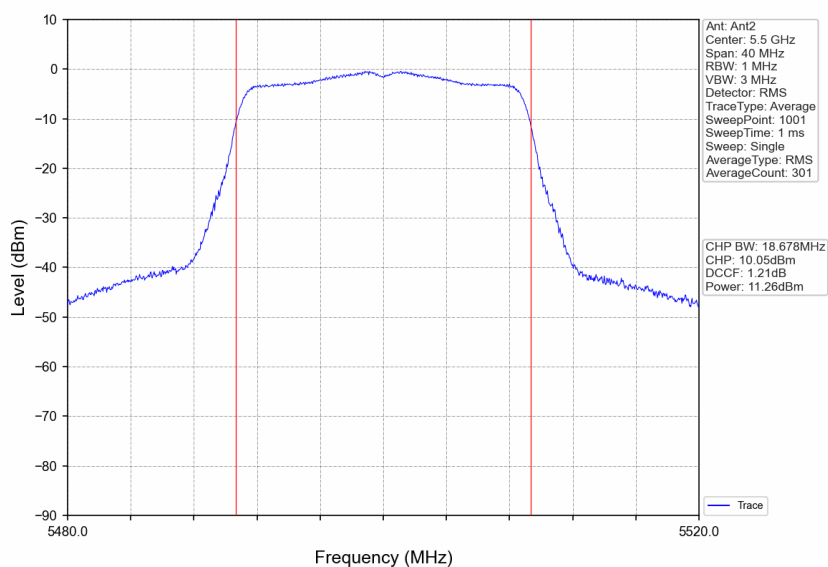
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802.11ac(VHT20) LCH_5500MHz_Ant1_NTNV



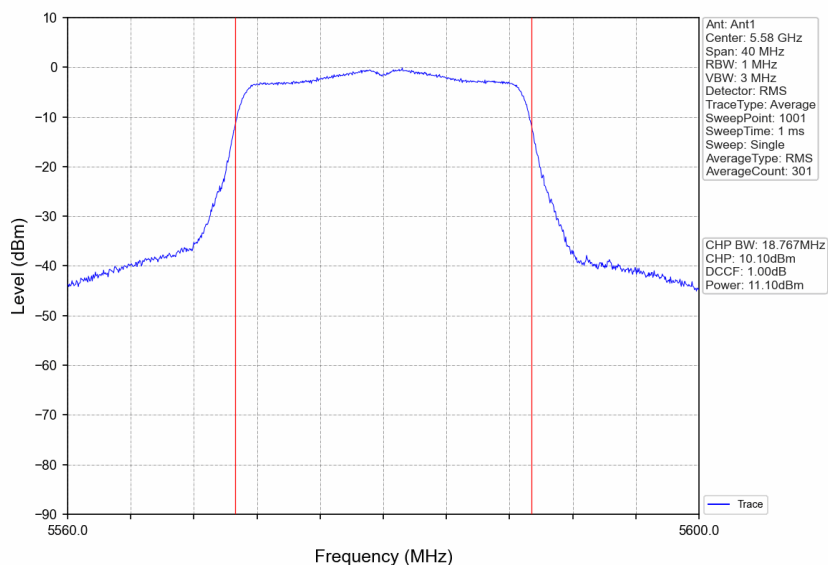
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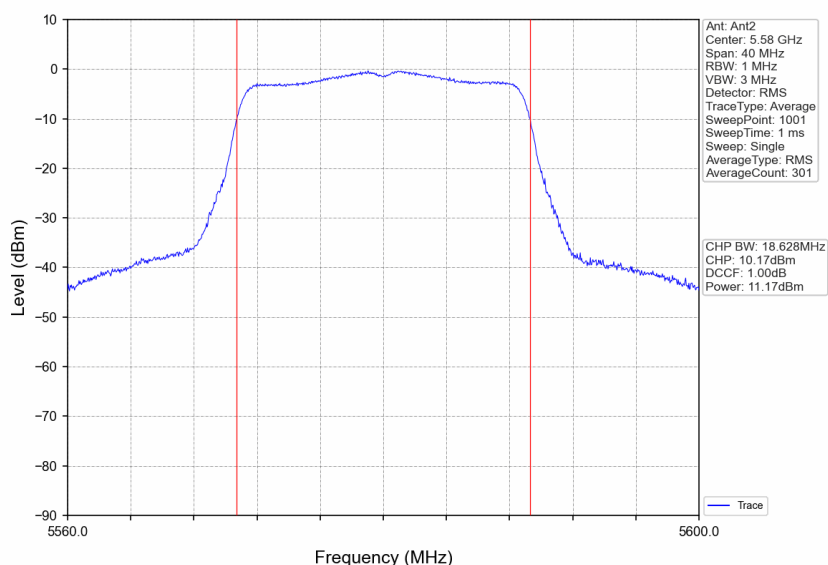
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802.11ac(VHT20) MCH 5580MHz_Ant1_NTNV



802.11ac(VHT20) MCH 5580MHz_Ant2_NTNV



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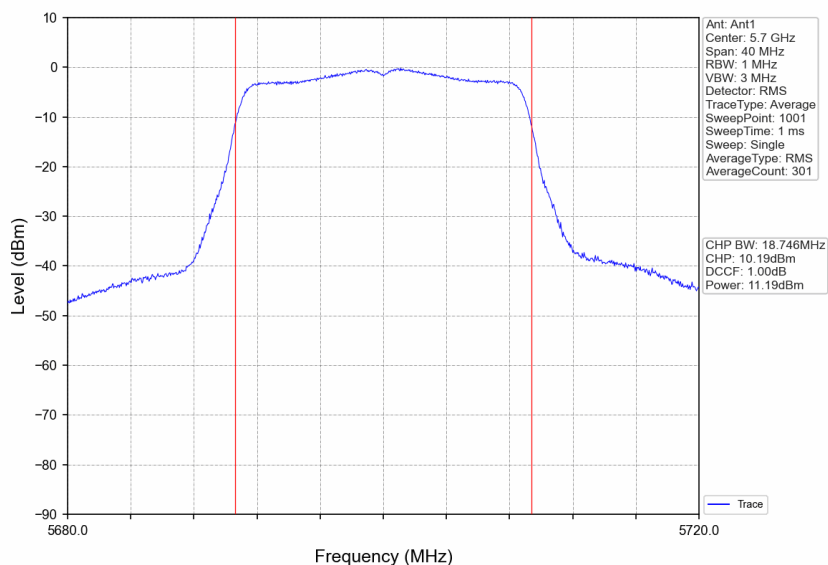
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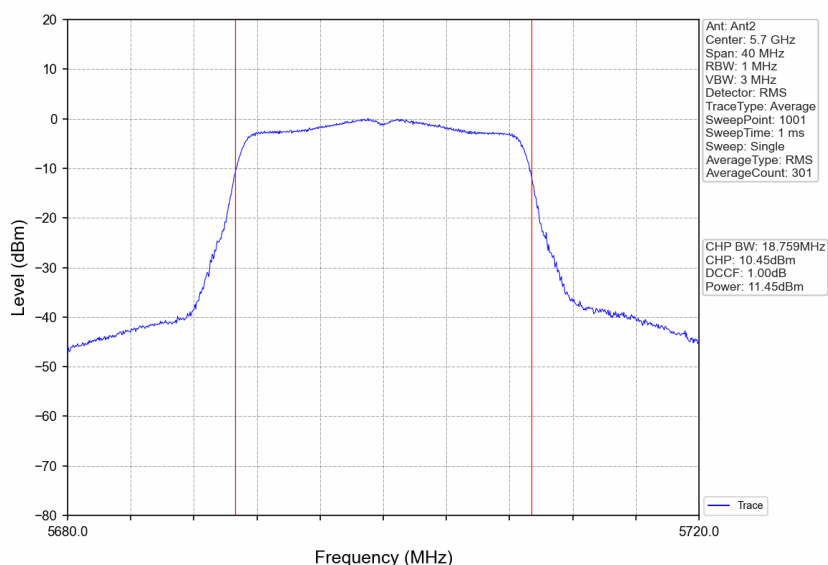
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802.11ac(VHT20) HCH 5700MHz Ant1 NTV



802.11ac(VHT20) HCH 5700MHz Ant2 NTV



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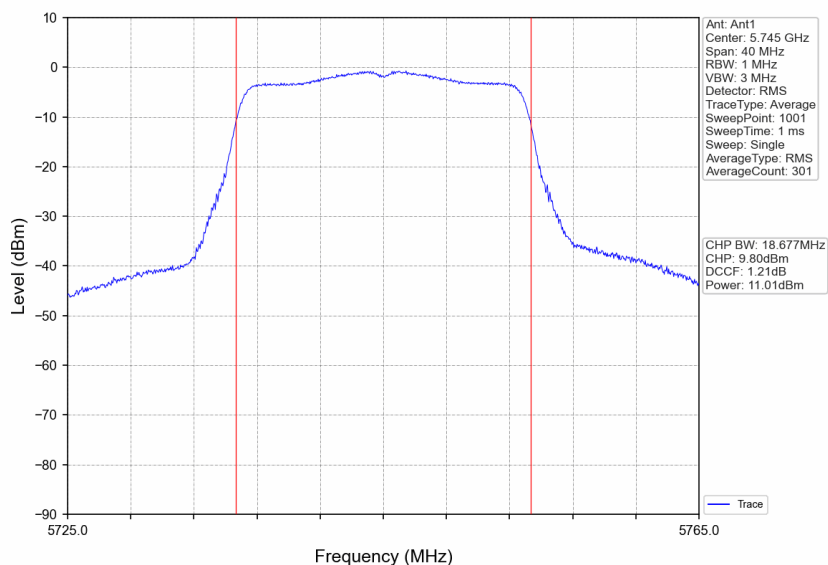
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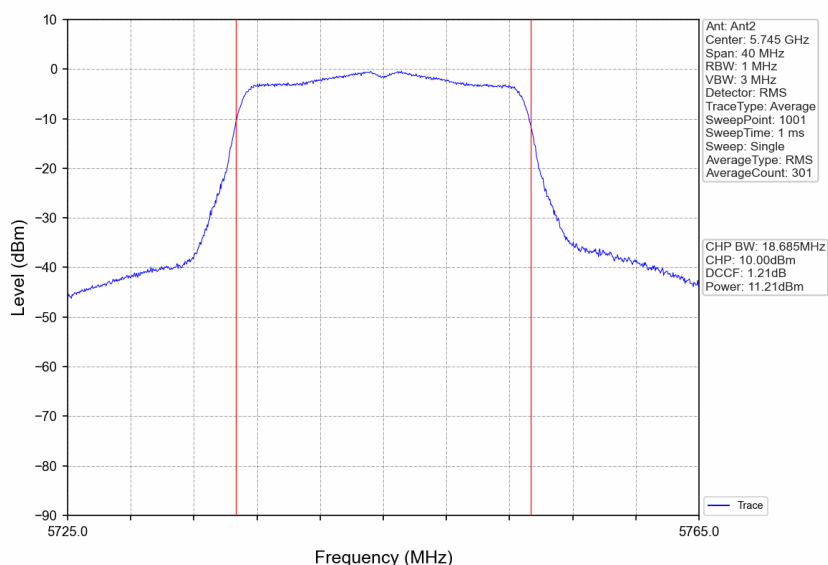
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802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20) LCH_5745MHz_Ant2_NTNV



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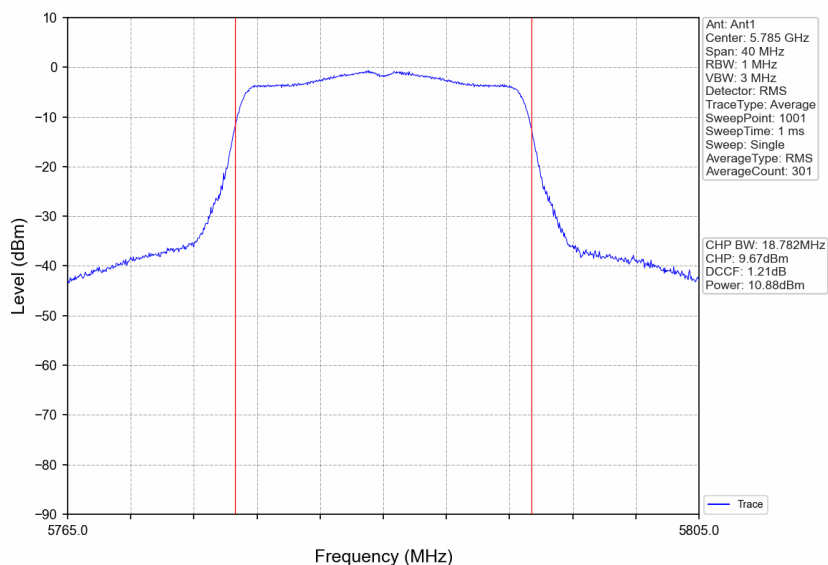
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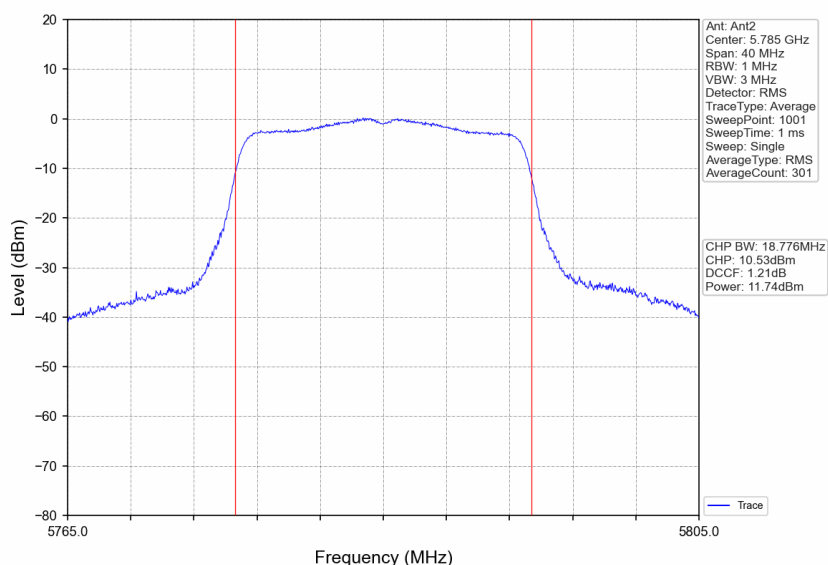
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802.11ac(VHT20) MCH 5785MHz Ant1 NTN



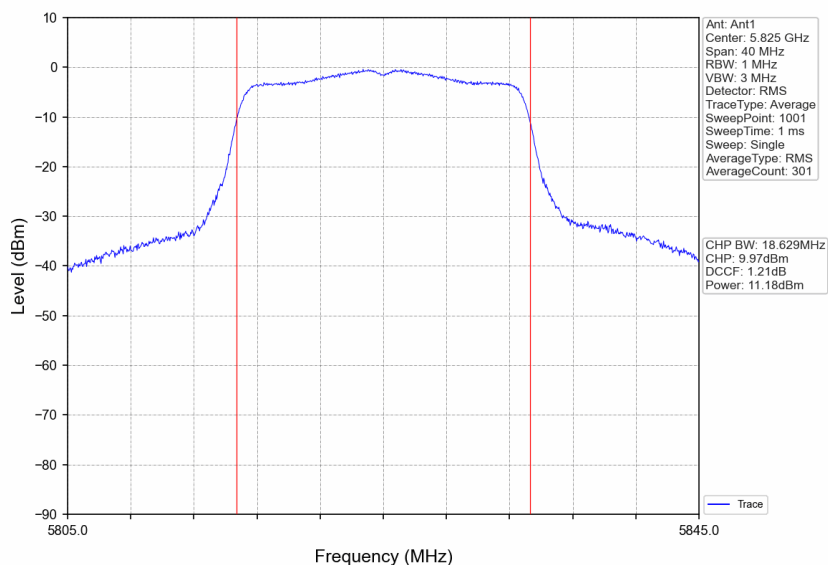
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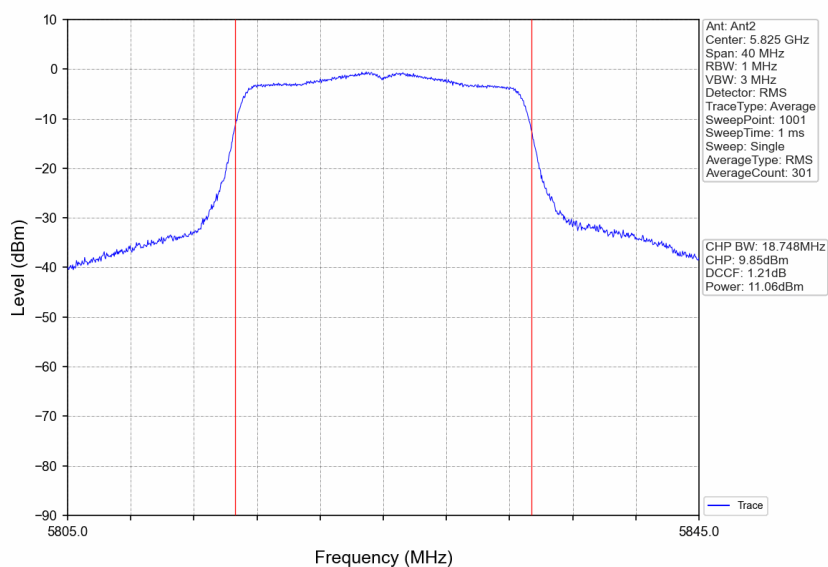
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802.11ac(VHT20) HCH 5825MHz Ant1 NTV



802.11ac(VHT20) HCH 5825MHz Ant2 NTV



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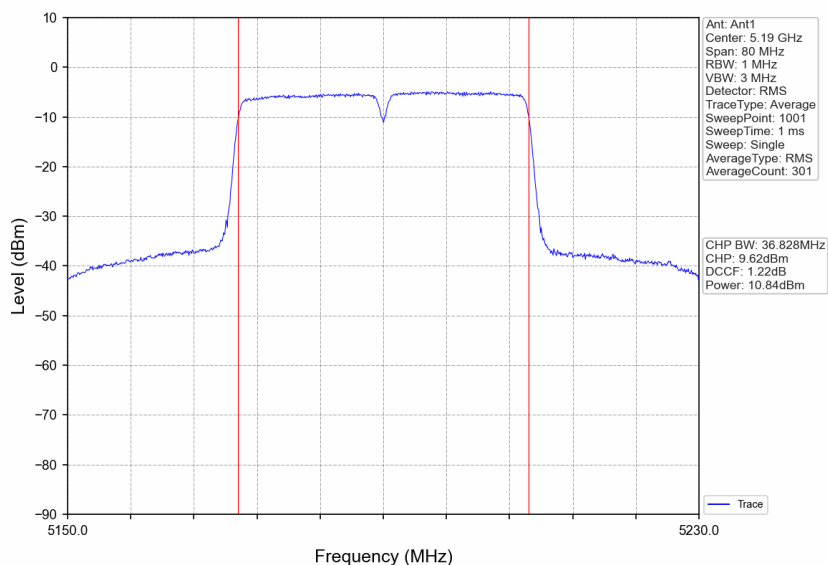
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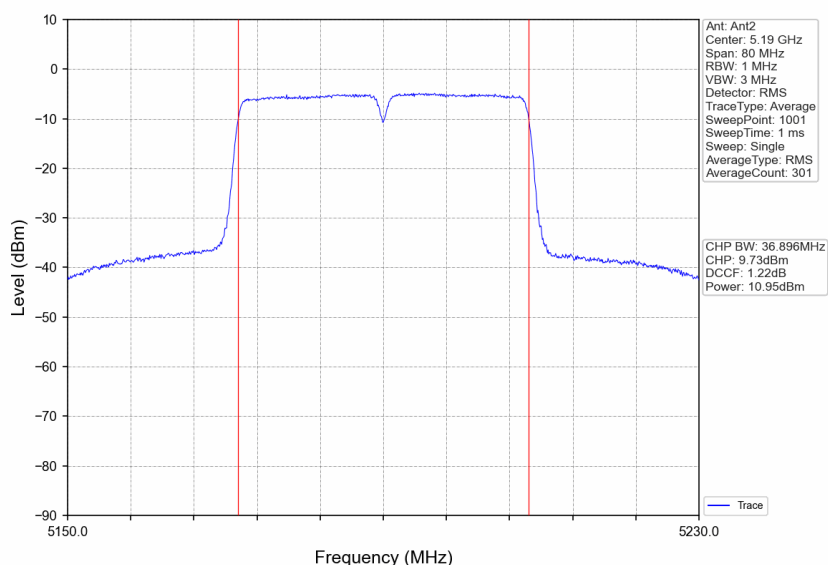
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802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) LCH 5190MHz Ant2 NTN



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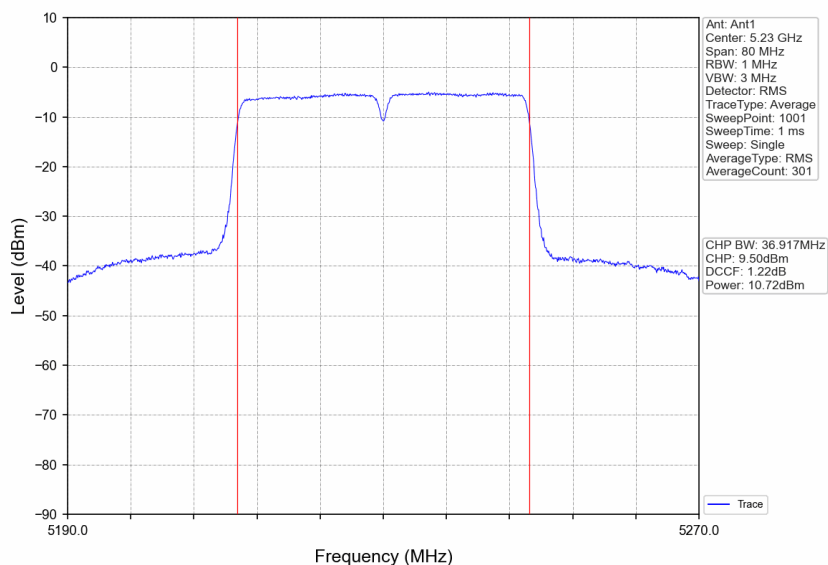
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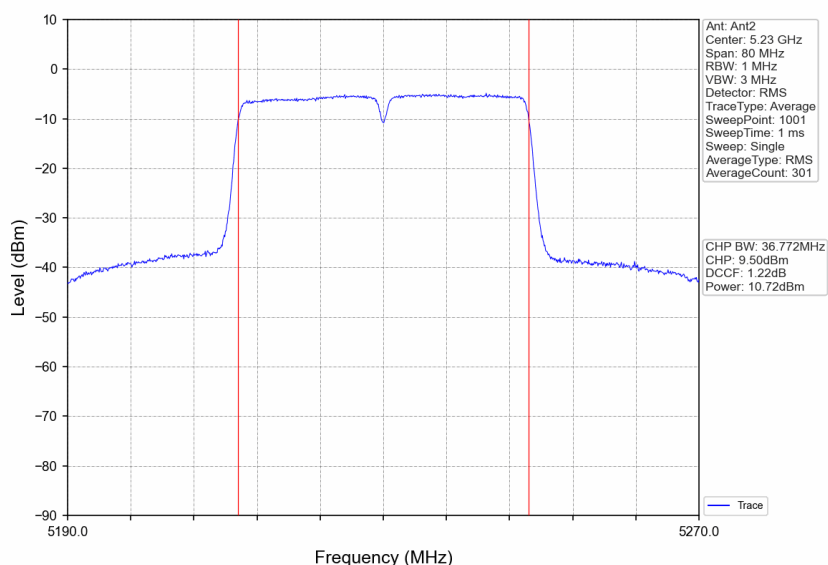
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802.11ac(VHT40) HCH 5230MHz Ant1 NTNV



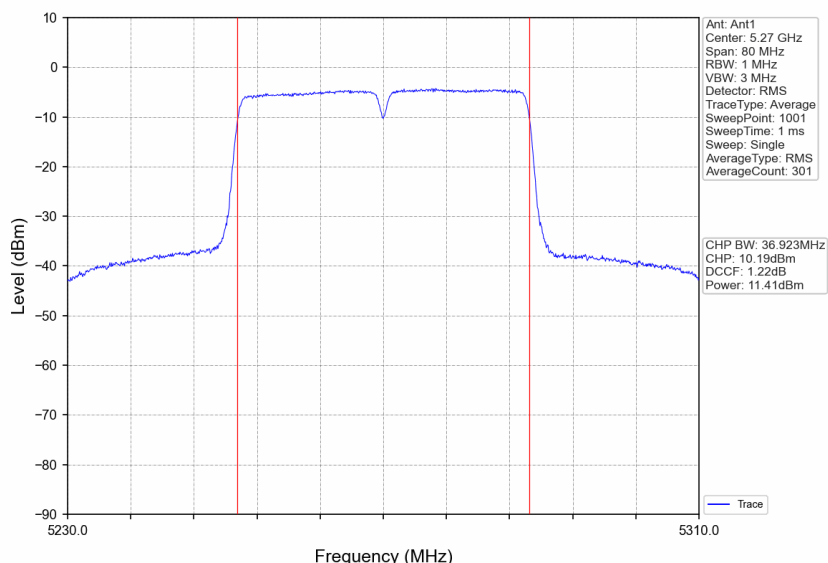
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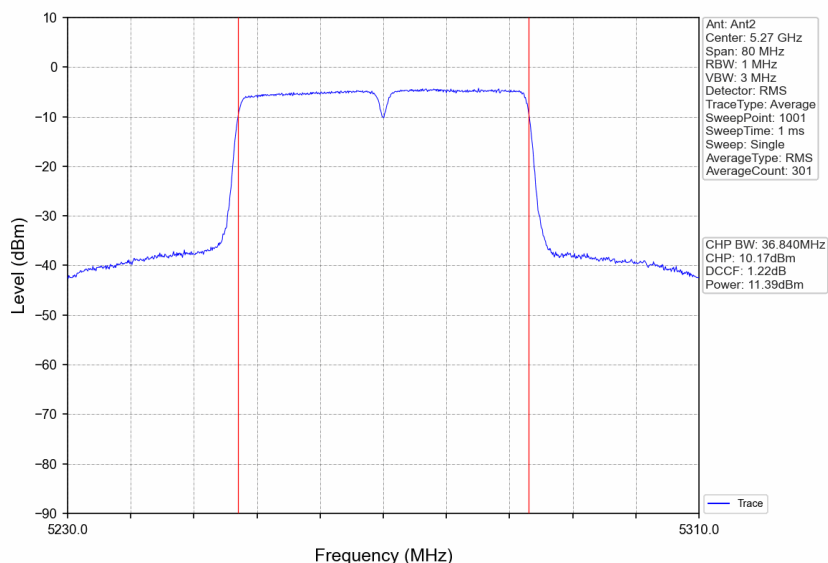
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802.11ac(VHT40) LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5270MHz_Ant2_NTNV



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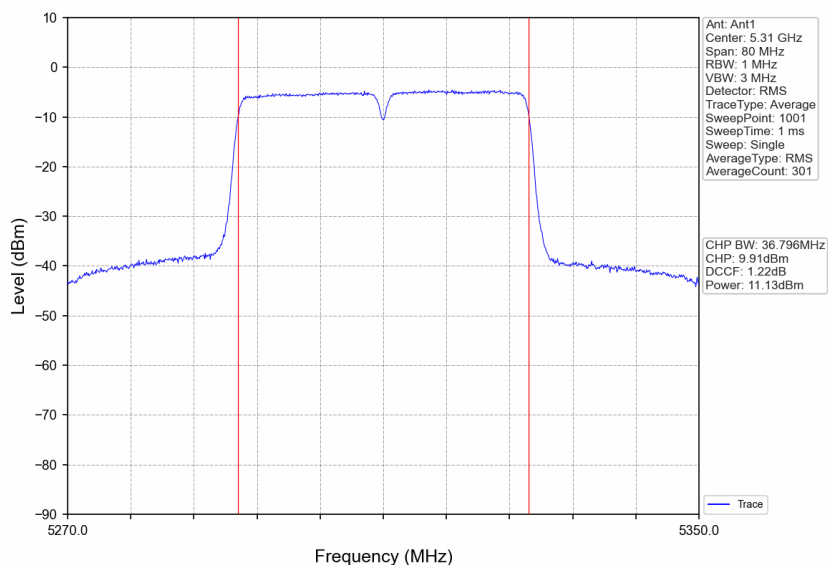
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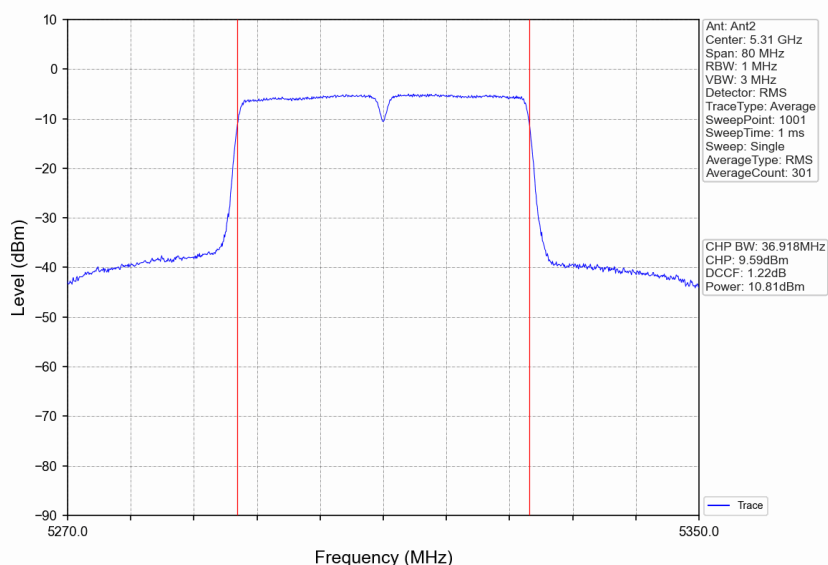
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802.11ac(VHT40) HCH 5310MHz Ant1 NTV



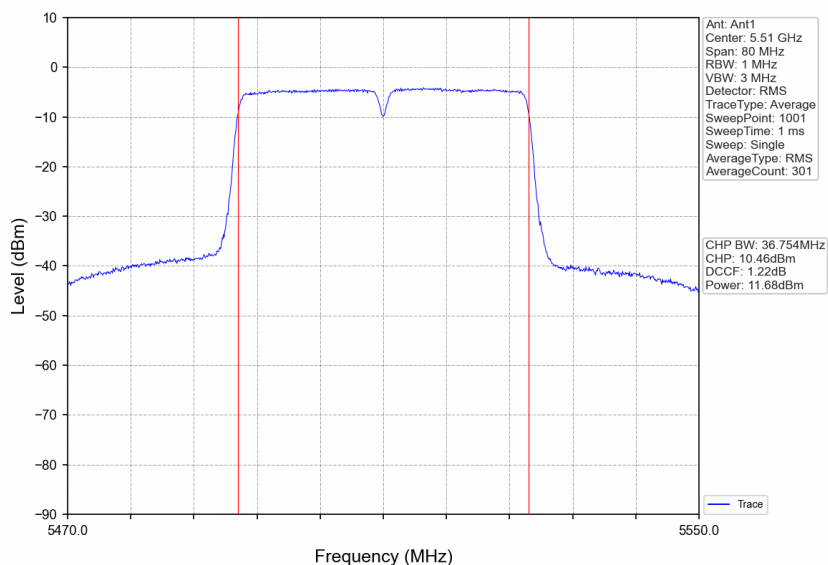
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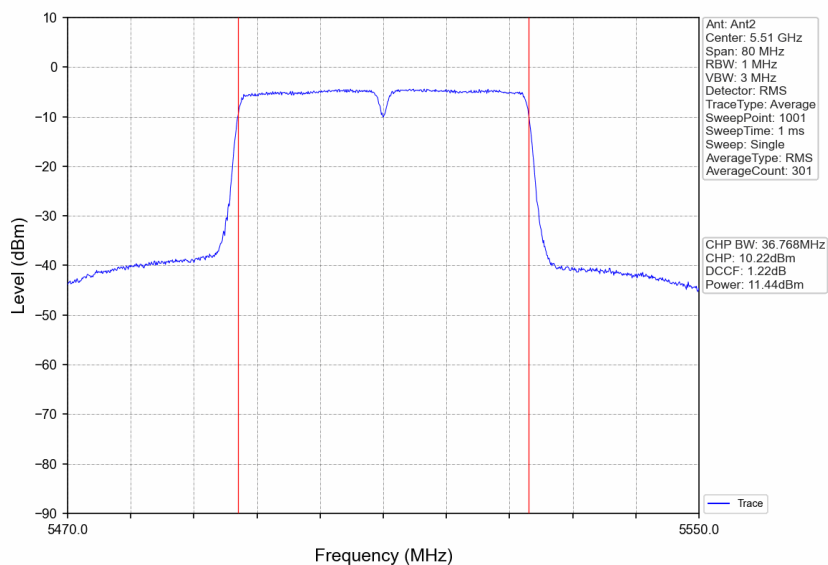
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802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5510MHz_Ant2_NTNV



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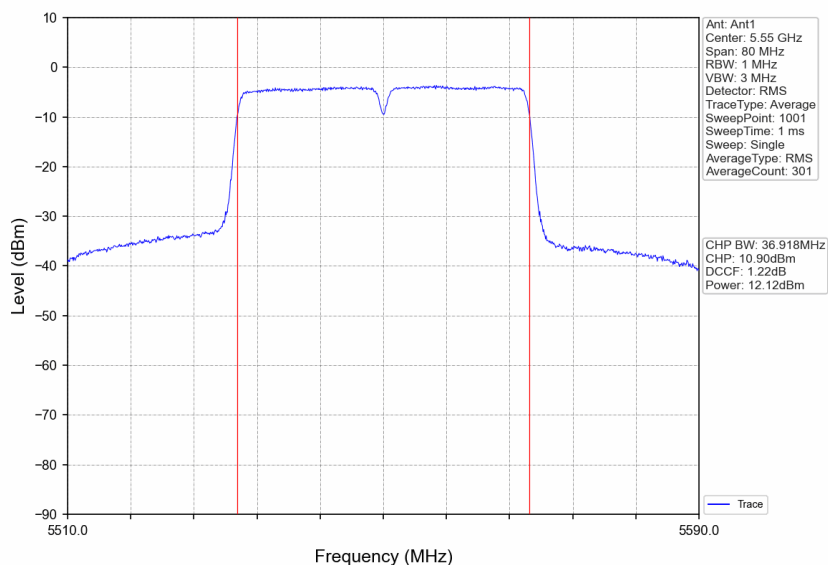
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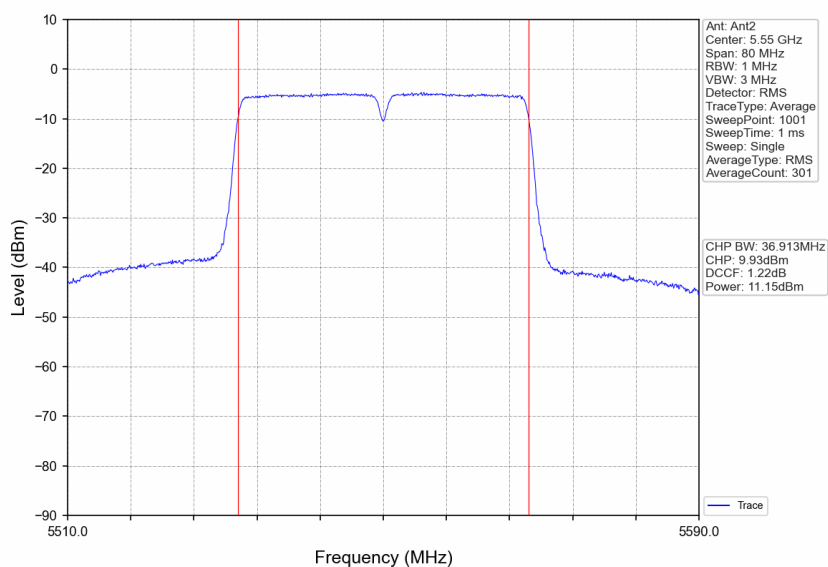
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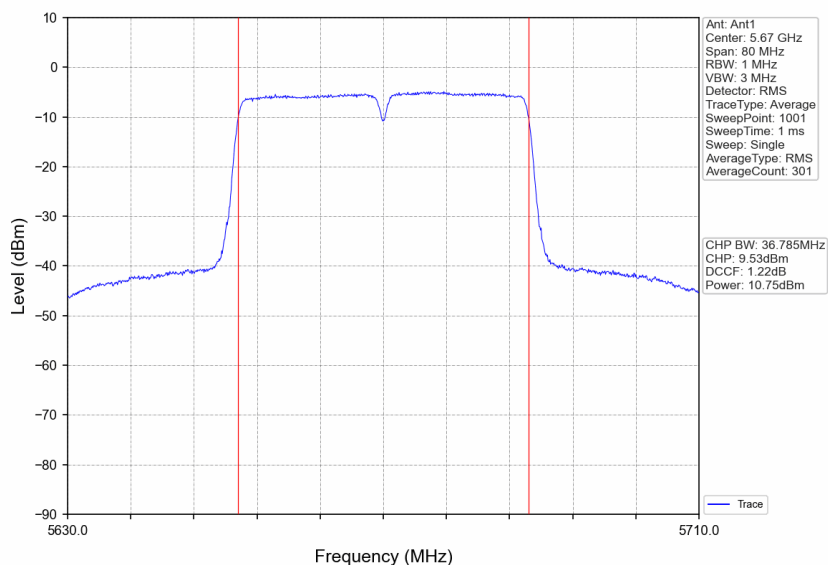
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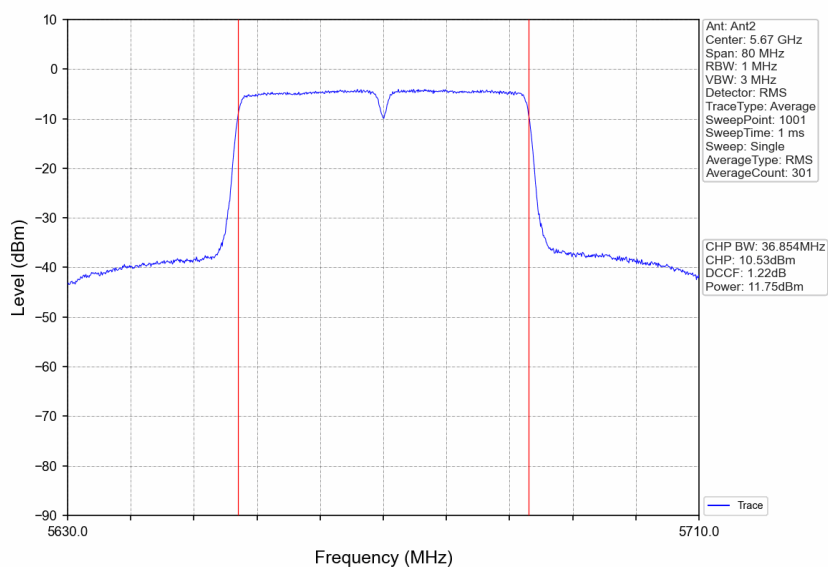
802.11ac(VHT40) MCH 5550MHz_Ant2_NTNV



802.11ac(VHT40) HCH 5670MHz Ant1 NTNV



802.11ac(VHT40) HCH 5670MHz Ant2 NTNV



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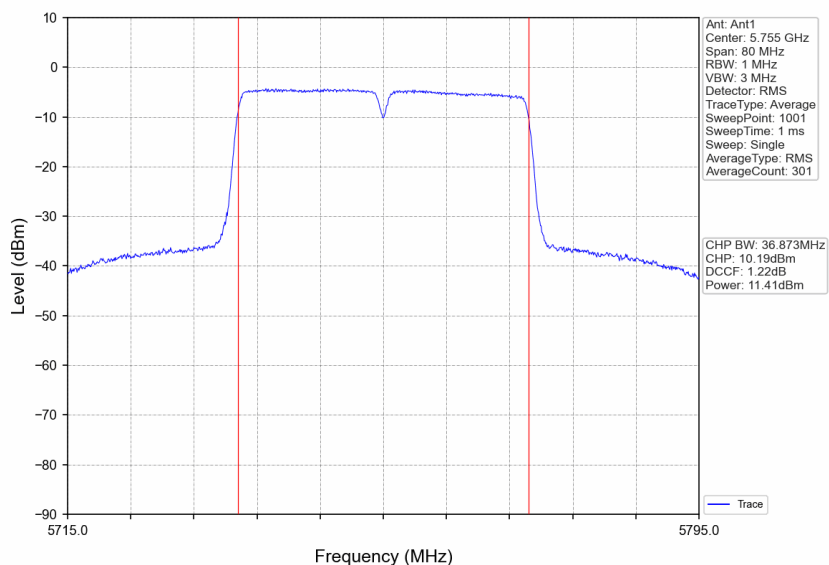
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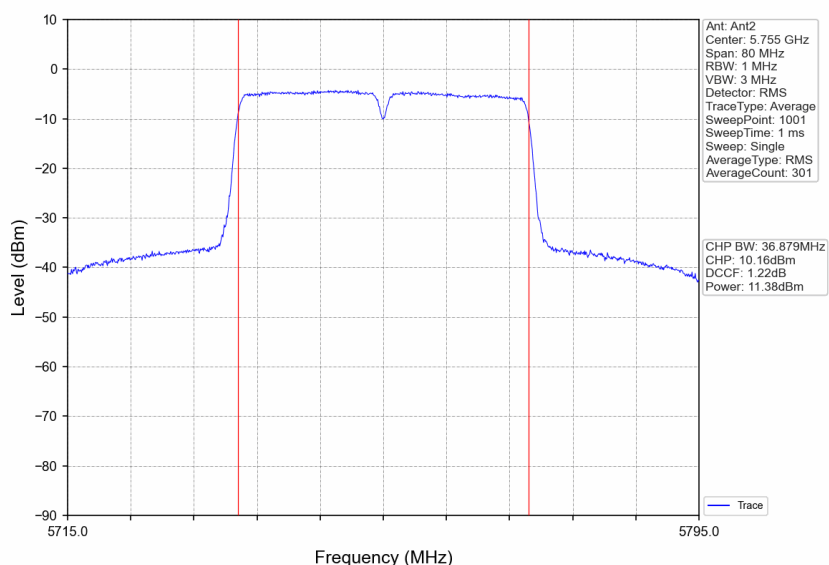
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802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



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