

1. Duty Cycle

1.1 Test Result

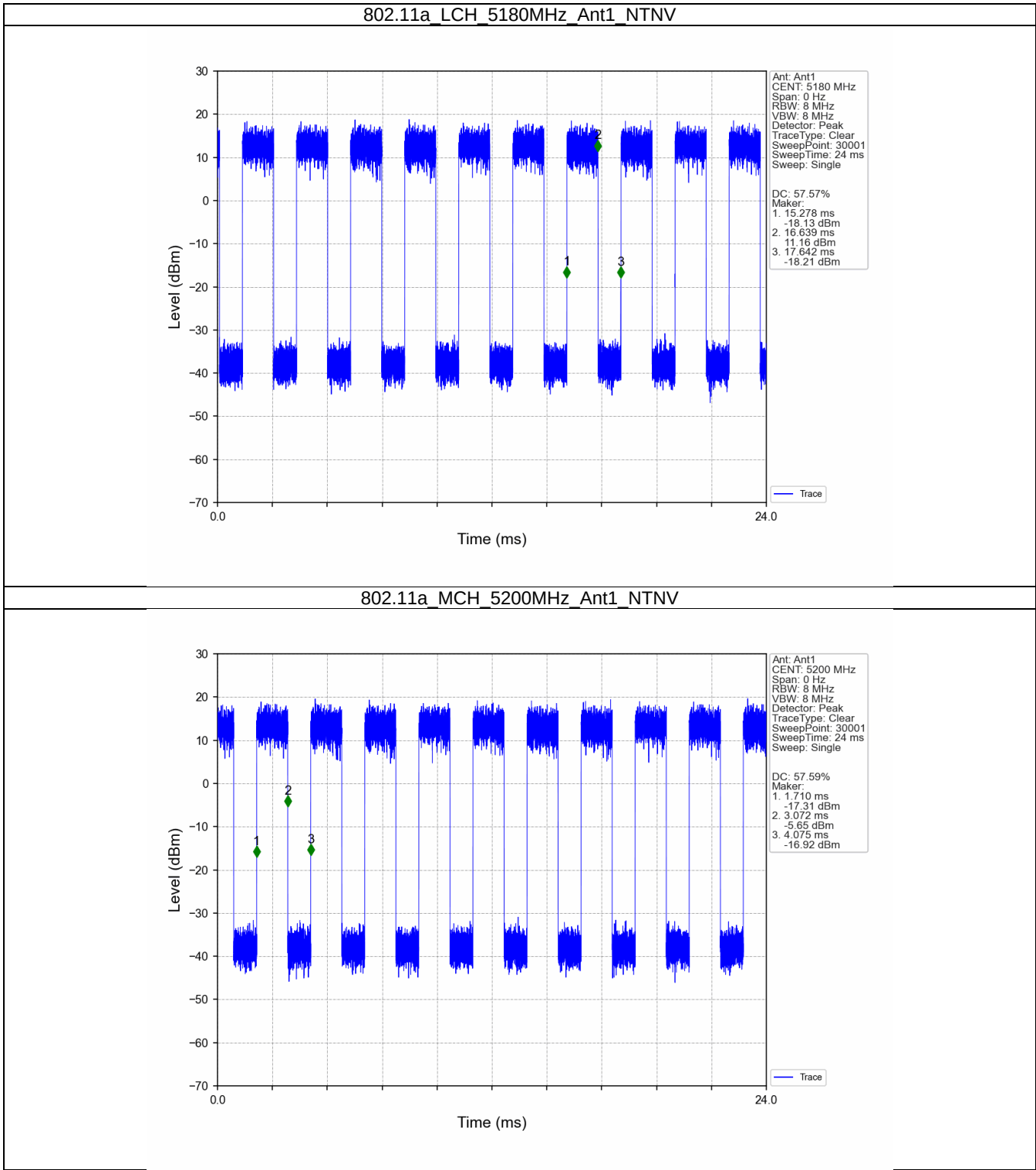
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.361	2.364	57.57	2.40	0.03
		5200	1.362	2.365	57.59	2.40	0.02
		5240	1.361	2.365	57.55	2.40	0.02
		5260	1.362	2.365	57.59	2.40	0.02
		5300	1.360	2.364	57.53	2.40	0.03
		5320	1.362	2.365	57.59	2.40	0.03
		5500	1.360	2.364	57.53	2.40	0.03
		5580	1.361	2.364	57.57	2.40	0.03
		5700	1.361	2.365	57.55	2.40	0.04
		5745	1.361	2.364	57.57	2.40	0.03
		5785	1.360	2.364	57.53	2.40	0.03
802.11n (HT20)	SISO	5825	1.362	2.365	57.59	2.40	0.02
		5180	1.274	2.277	55.95	2.52	0.02
		5200	1.274	2.277	55.95	2.52	0.02
		5240	1.273	2.276	55.93	2.52	0.04
		5260	1.274	2.277	55.95	2.52	0.02
		5300	1.272	2.276	55.89	2.53	0.04
		5320	1.274	2.277	55.95	2.52	0.02
		5500	1.273	2.276	55.93	2.52	0.04
		5580	1.273	2.276	55.93	2.52	0.04
		5700	1.274	2.277	55.95	2.52	0.02
		5745	1.273	2.276	55.93	2.52	0.02
802.11n (HT40)	SISO	5785	1.273	2.276	55.93	2.52	0.02
		5825	1.273	2.276	55.93	2.52	0.04
		5190	0.633	1.637	38.67	4.13	0.03
		5230	0.634	1.637	38.73	4.12	0.02
		5270	0.633	1.637	38.67	4.13	0.02
		5310	0.634	1.638	38.71	4.12	0.03
		5510	0.634	1.637	38.73	4.12	0.03
		5550	0.633	1.636	38.69	4.12	0.02
		5670	0.634	1.637	38.73	4.12	0.01
802.11ac (VHT20)	SISO	5755	0.633	1.636	38.69	4.12	0.02
		5795	0.633	1.636	38.69	4.12	0.02
		5180	1.277	2.281	55.98	2.52	0.02
		5200	1.277	2.280	56.01	2.52	0.04
		5240	1.277	2.280	56.01	2.52	0.02
		5260	1.278	2.281	56.03	2.52	0.02
		5300	1.277	2.280	56.01	2.52	0.04
		5320	1.277	2.280	56.01	2.52	0.04
		5500	1.273	2.276	55.93	2.52	0.04
		5580	1.273	2.276	55.93	2.52	0.04
		5700	1.274	2.277	55.95	2.52	0.04
802.11ac (VHT40)	SISO	5745	1.277	2.281	55.98	2.52	0.02
		5785	1.277	2.280	56.01	2.52	0.04
		5825	1.276	2.281	55.94	2.52	0.09
802.11ac (VHT40)	SISO	5190	0.638	1.641	38.88	4.10	0.02
		5230	0.638	1.641	38.88	4.10	0.02

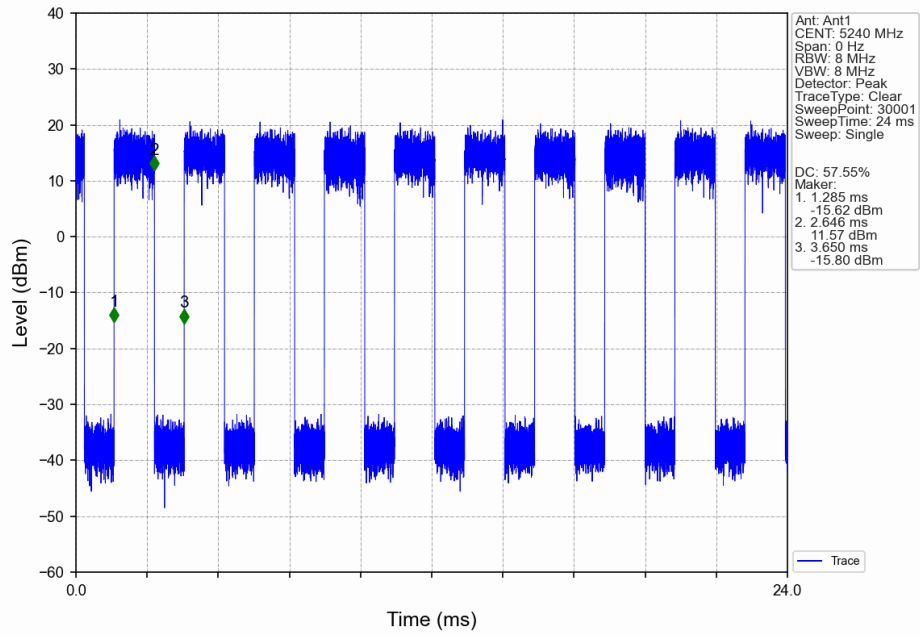
		5270	0.637	1.641	38.82	4.11	0.03
		5310	0.638	1.641	38.88	4.10	0.03
		5510	0.633	1.637	38.67	4.13	0.03
		5550	0.632	1.637	38.61	4.13	0.01
		5670	0.633	1.636	38.69	4.12	0.02
		5755	0.638	1.641	38.88	4.10	0.02
		5795	0.637	1.640	38.84	4.11	0.03
802.11ac (VHT80)	SISO	5210	0.317	1.320	24.02	6.20	0.03
		5290	0.317	1.320	24.02	6.20	0.03
		5530	0.318	1.321	24.07	6.18	0.01
		5610	0.318	1.321	24.07	6.18	0.01
		5775	0.318	1.321	24.07	6.18	0.01

1.2 Test Graph

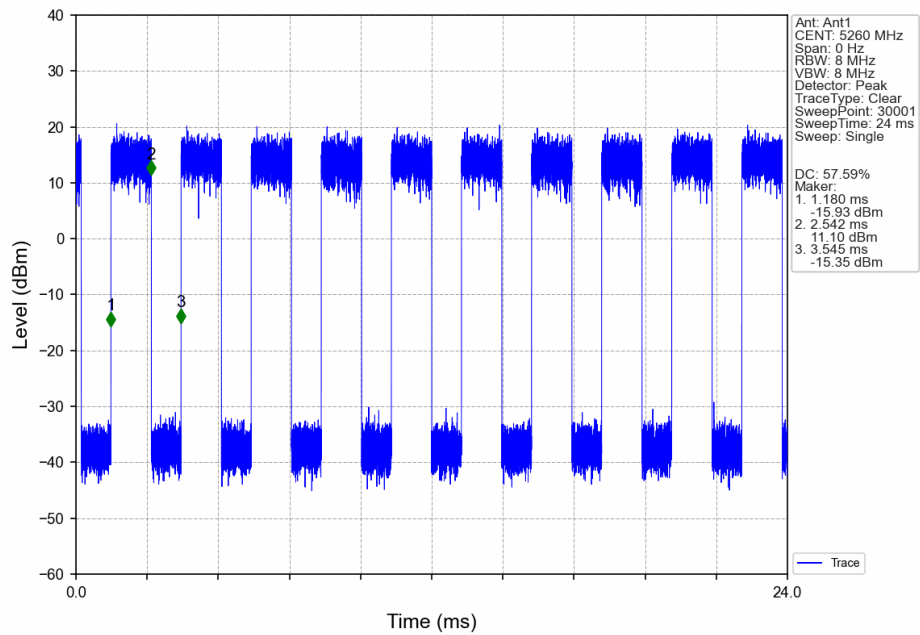
1.2.1 Ant1



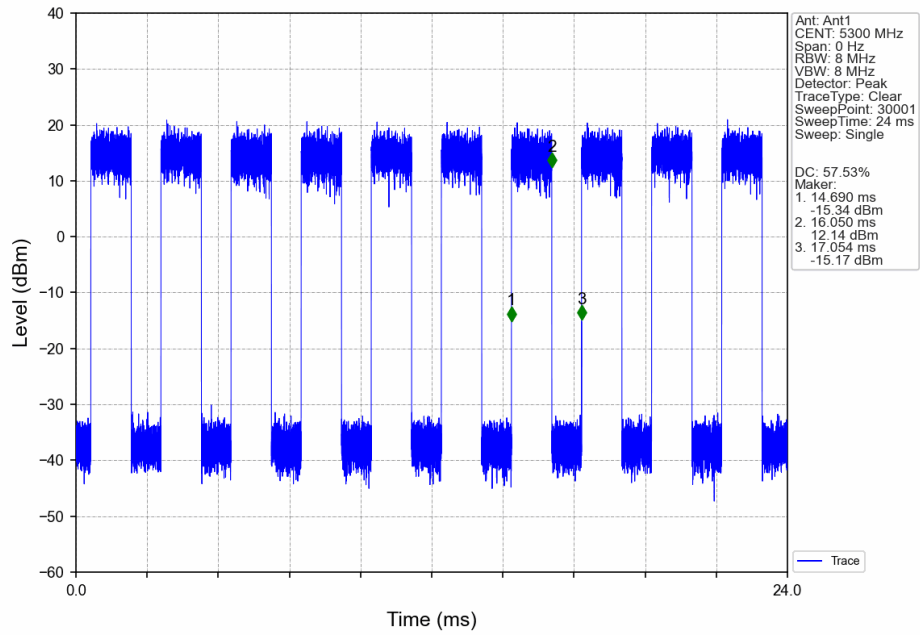
802.11a_HCH_5240MHz_Ant1_NTNV



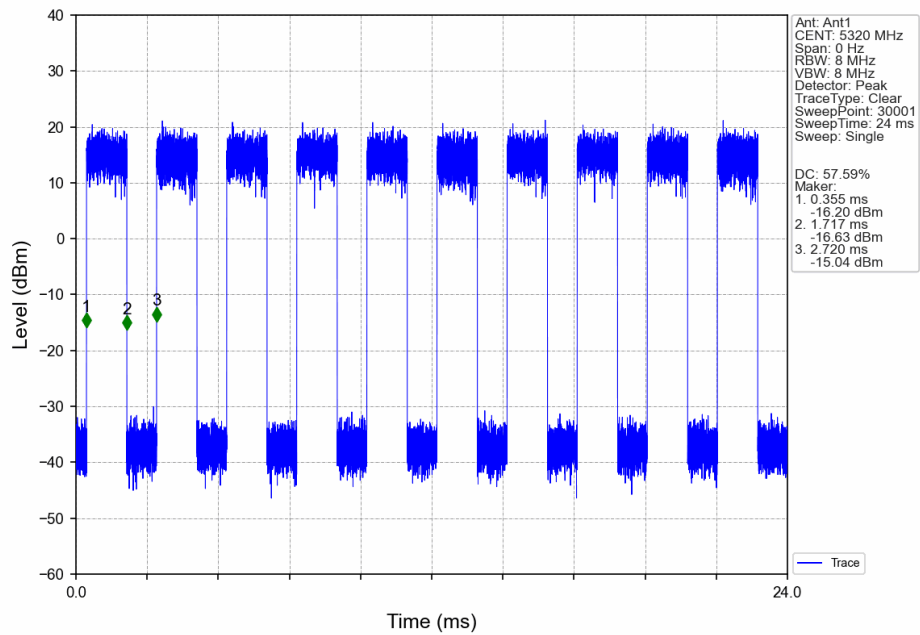
802.11a_LCH_5260MHz_Ant1_NTNV



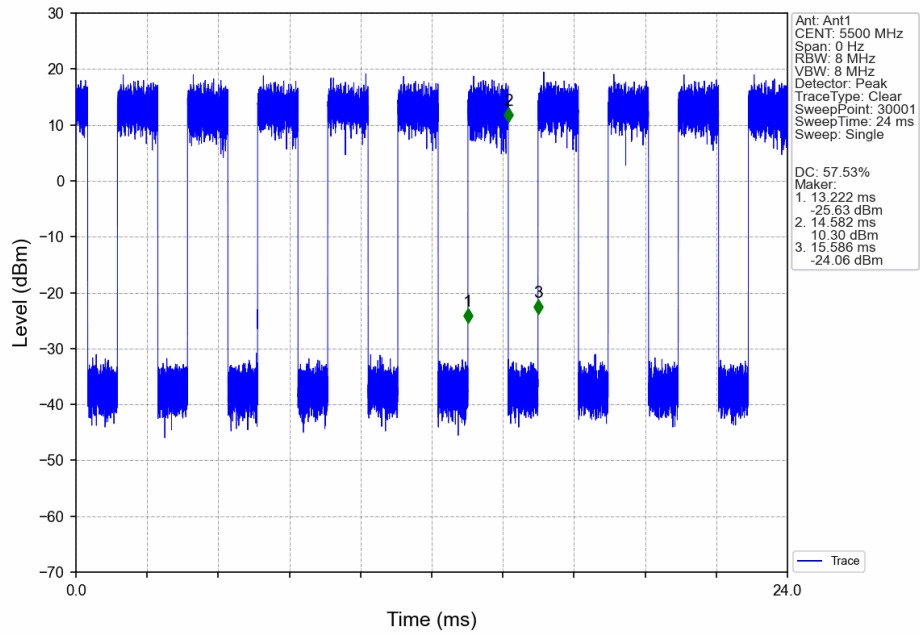
802.11a_MCH_5300MHz_Ant1_NTNV



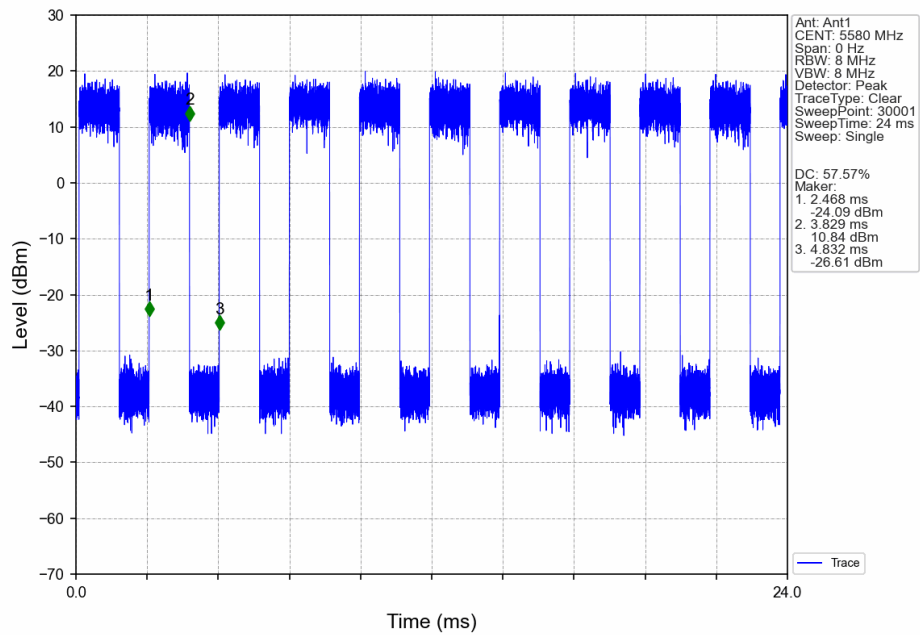
802.11a_HCH_5320MHz_Ant1_NTNV



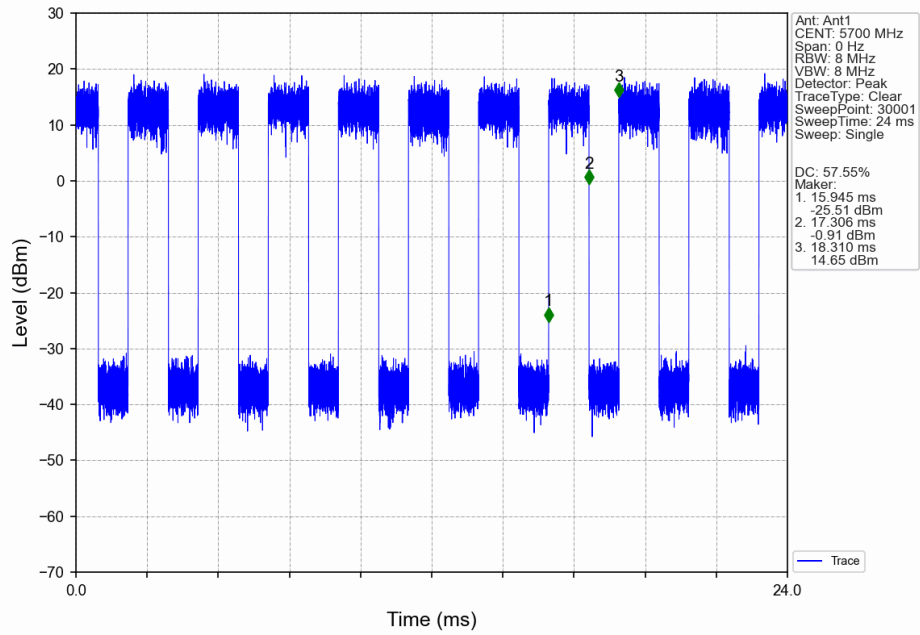
802.11a_LCH_5500MHz_Ant1_NTNV



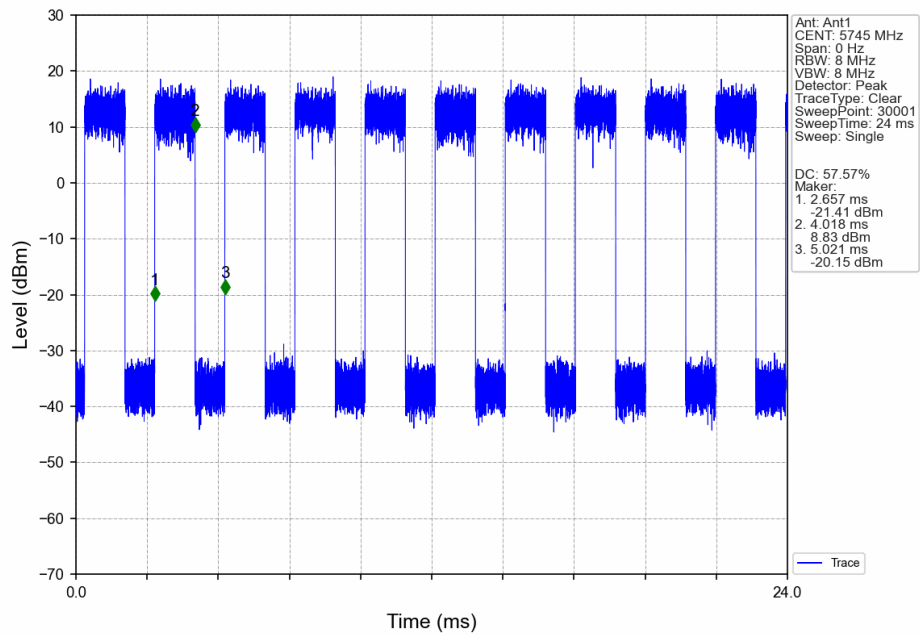
802.11a_MCH_5580MHz_Ant1_NTNV



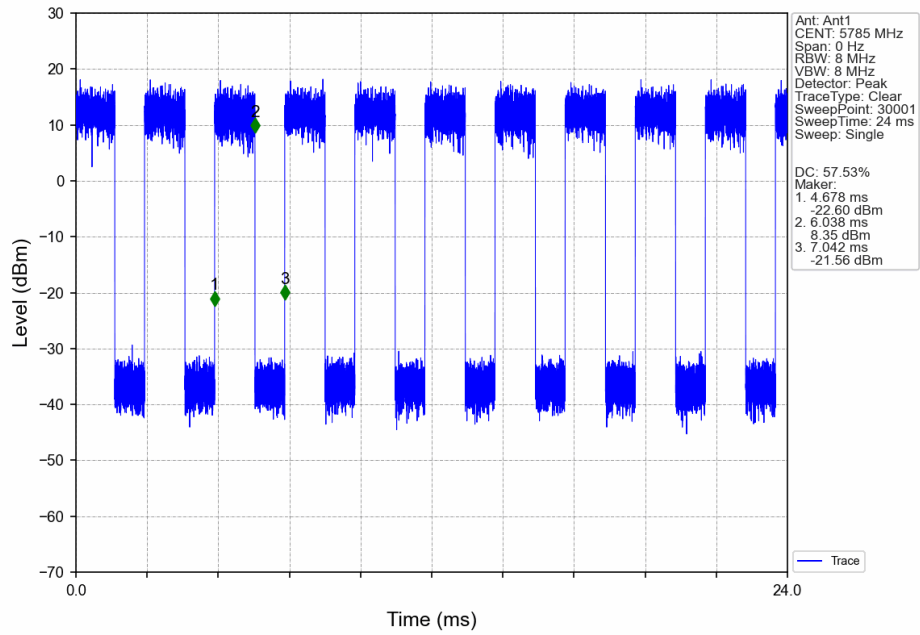
802.11a_HCH_5700MHz_Ant1_NTNV



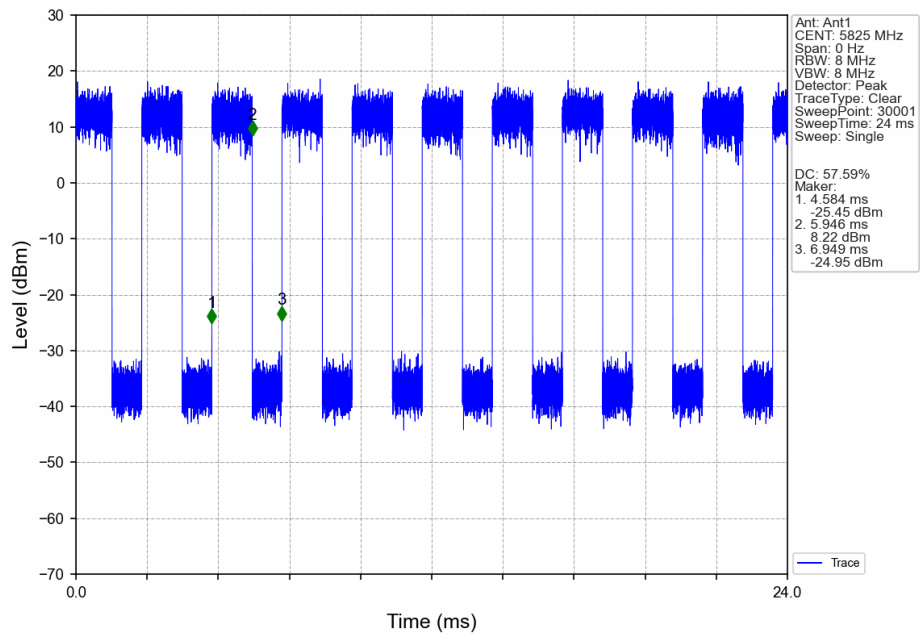
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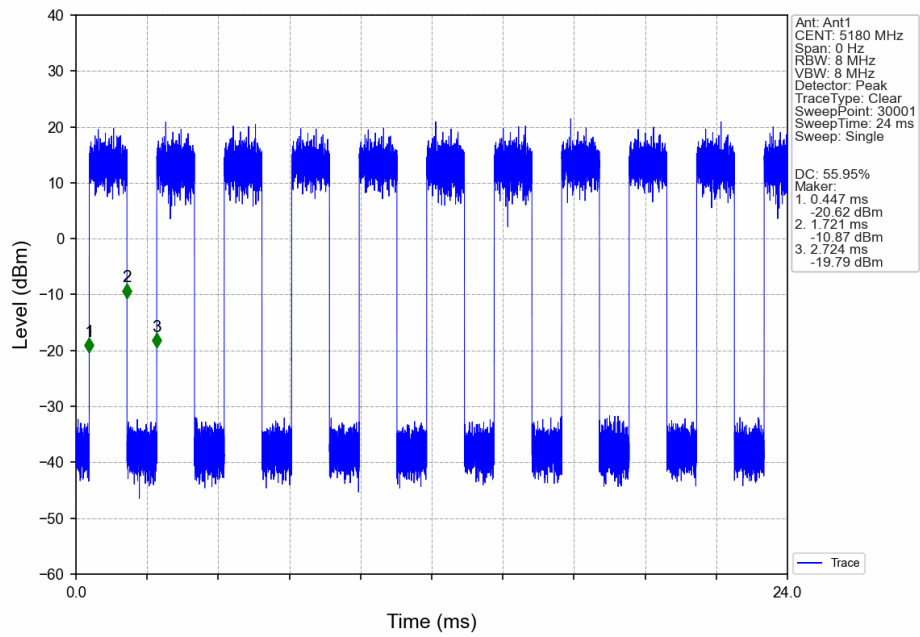
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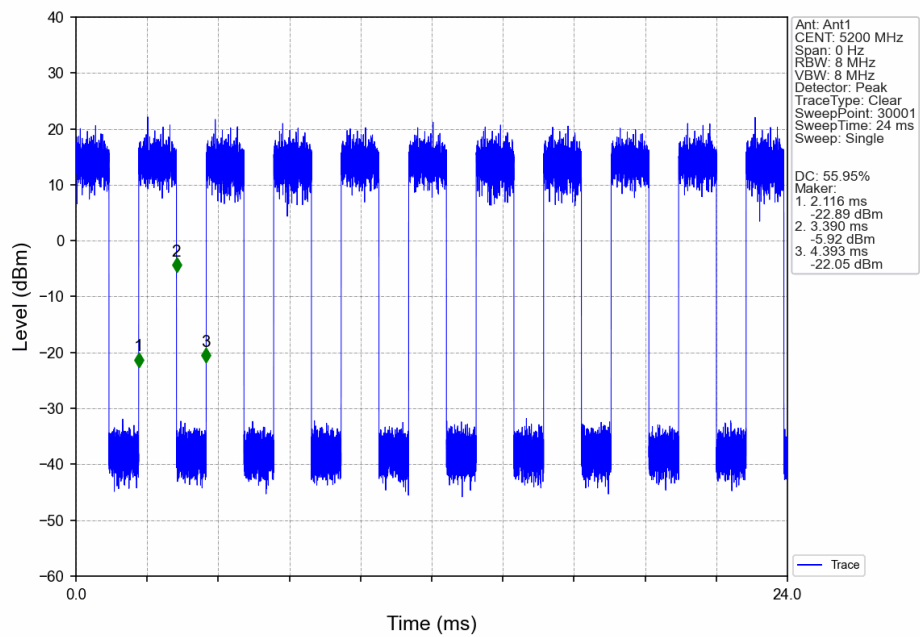
802.11a_HCH_5825MHz_Ant1_NTNV



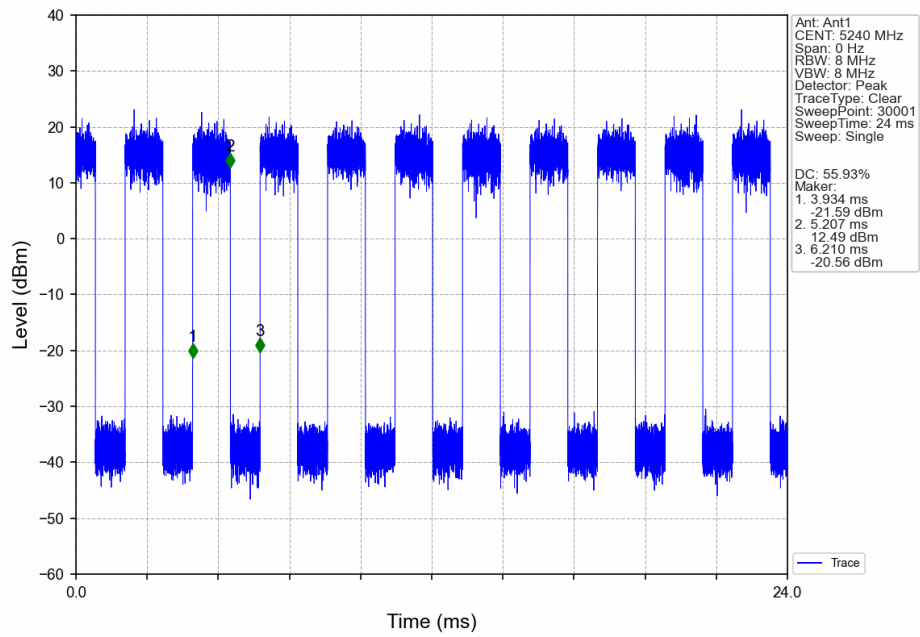
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



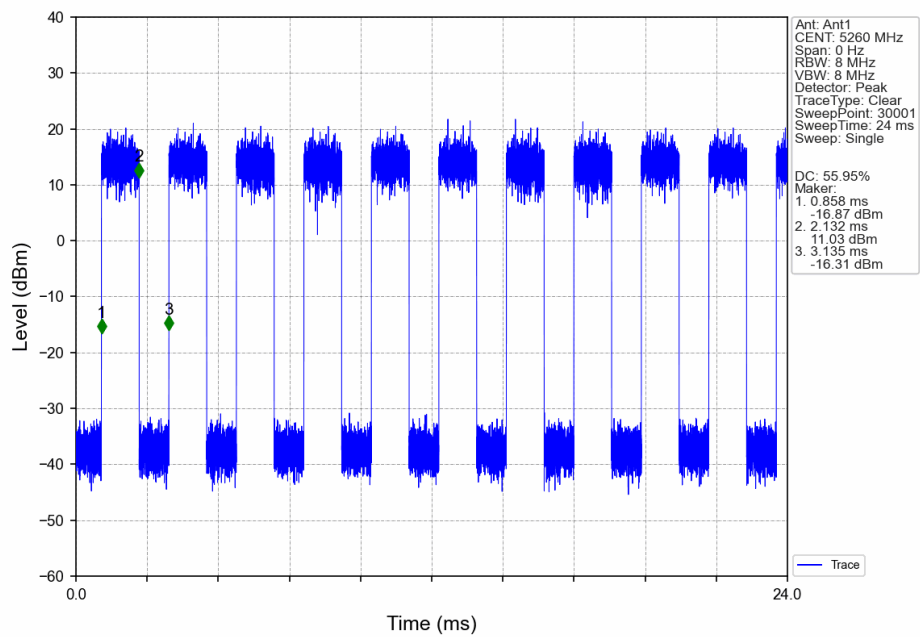
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



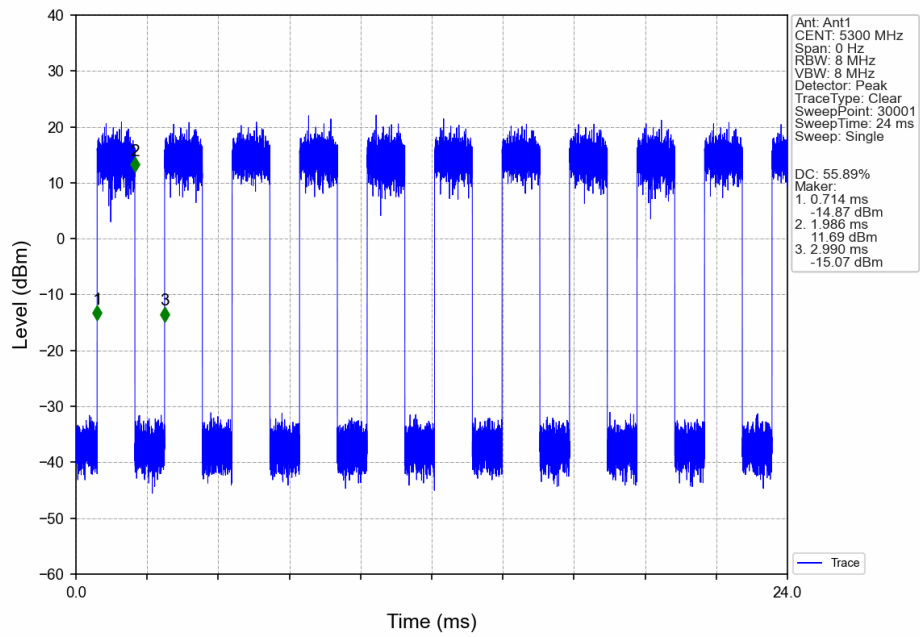
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



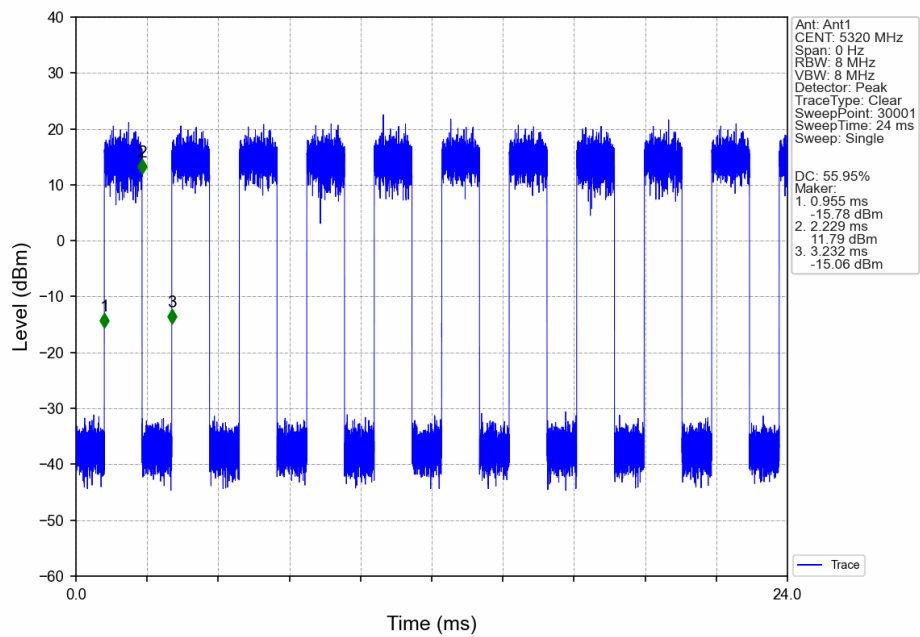
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



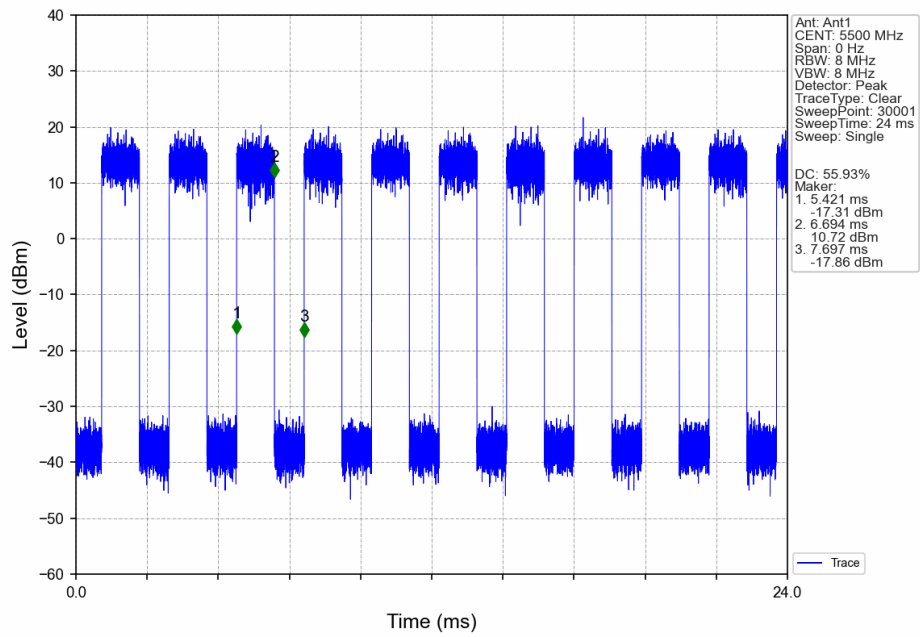
802.11n(HT20) MCH 5300MHz_Ant1_NTNV



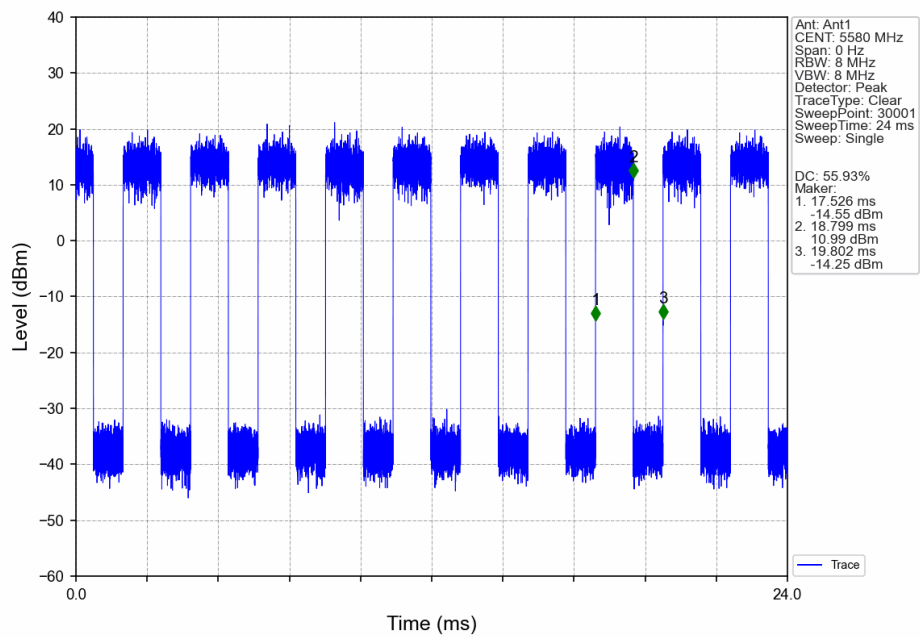
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



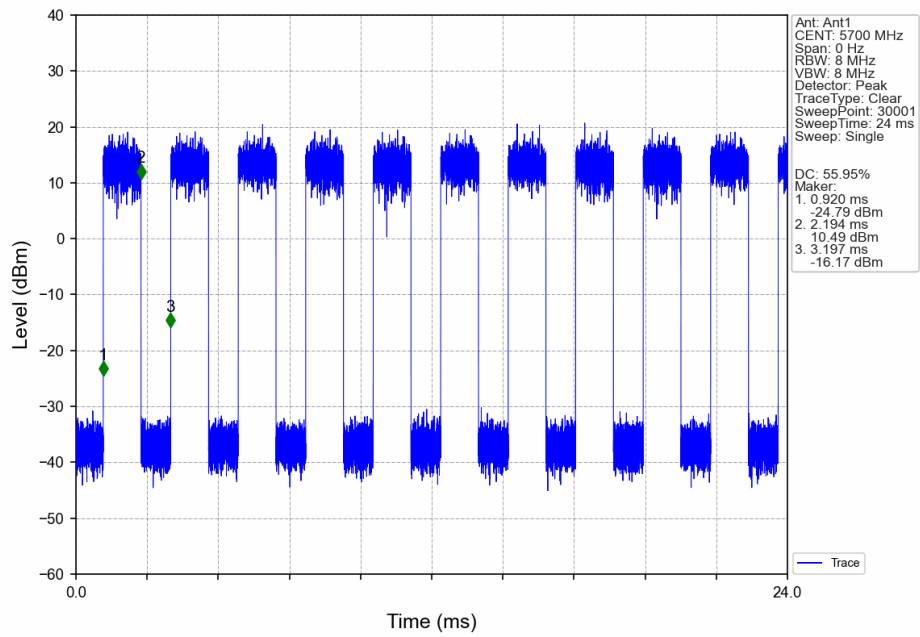
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



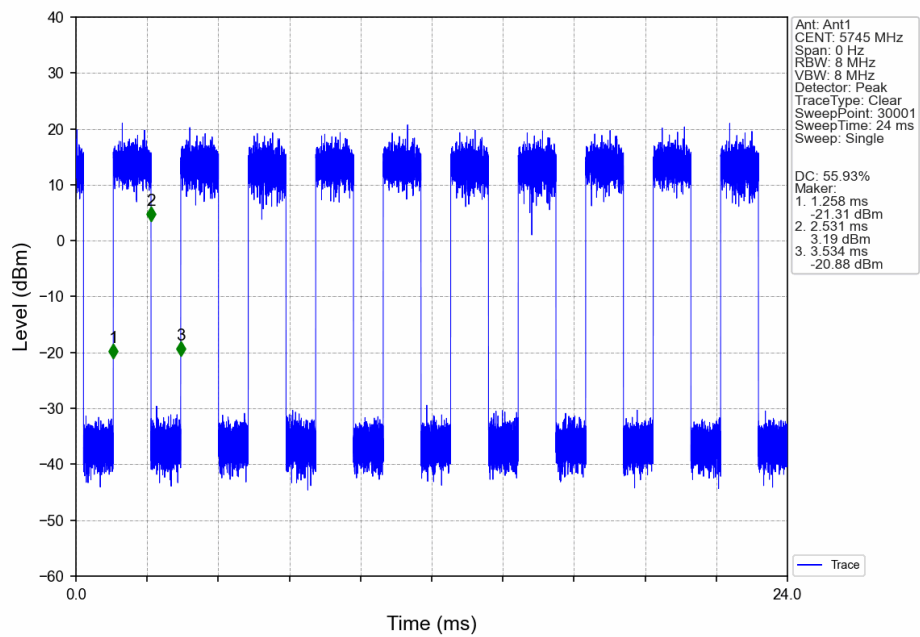
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



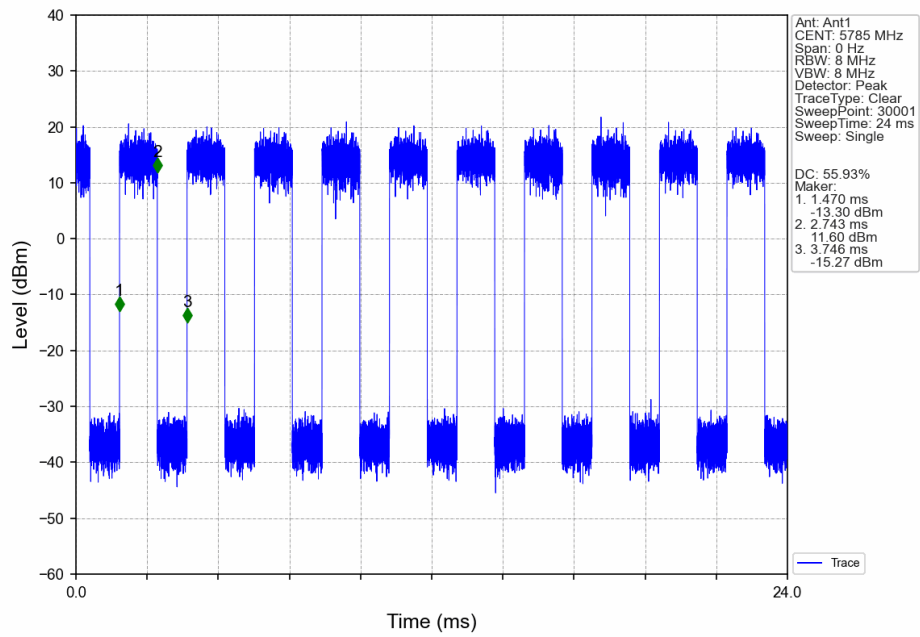
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



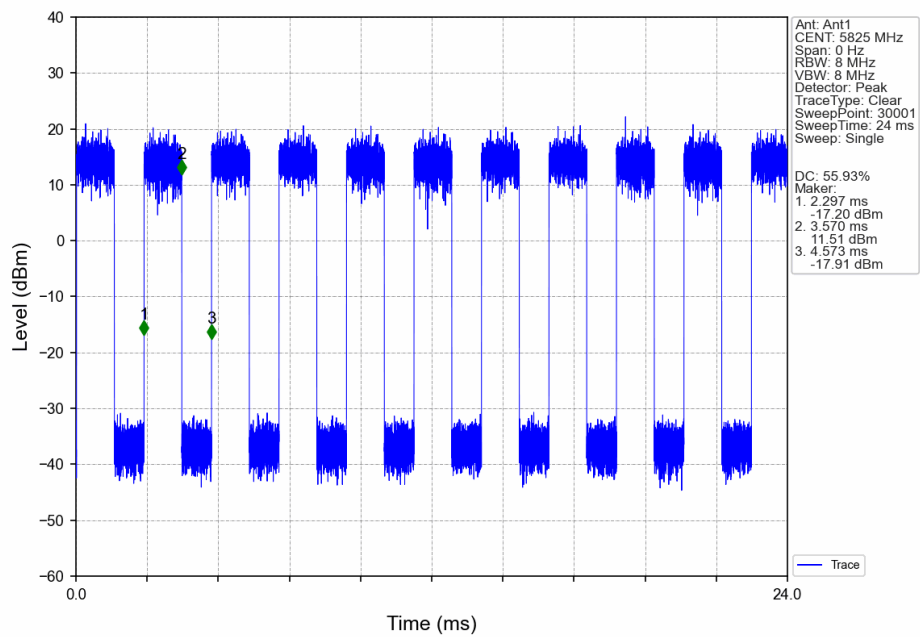
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



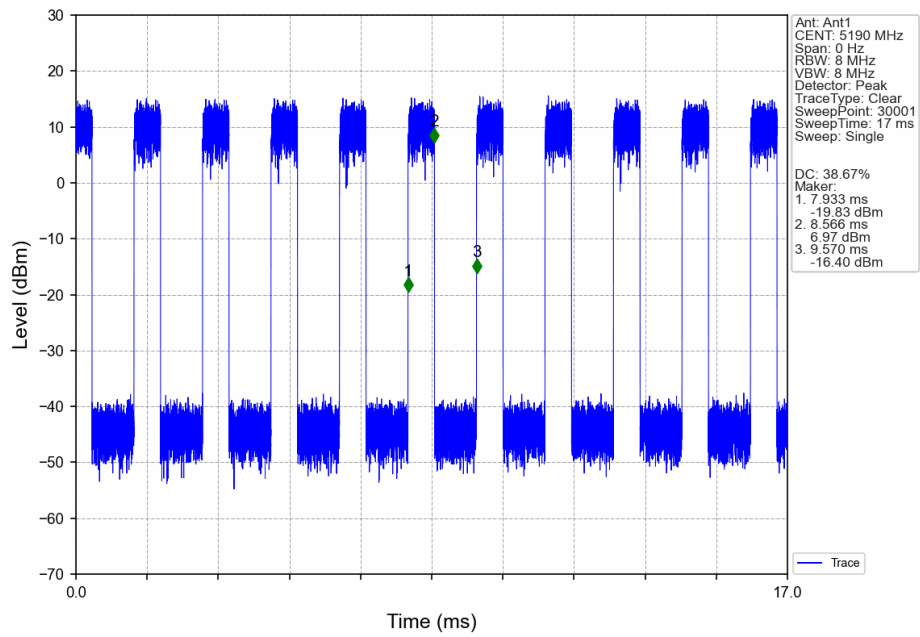
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



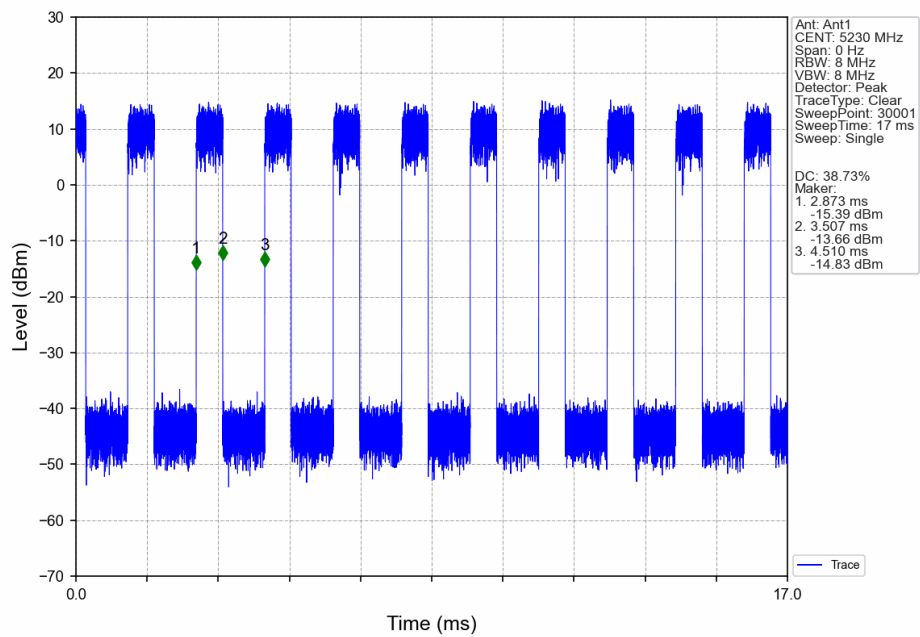
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



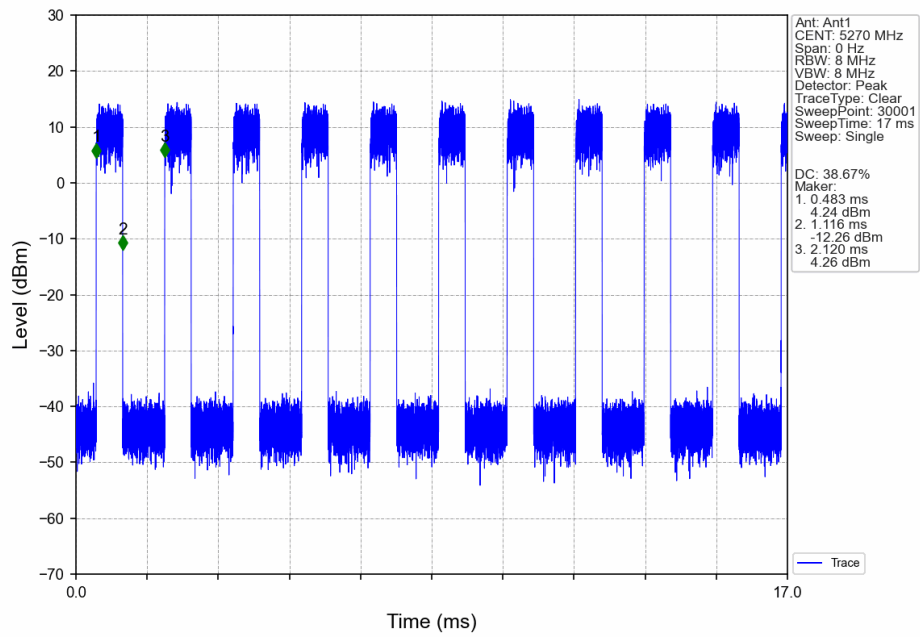
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



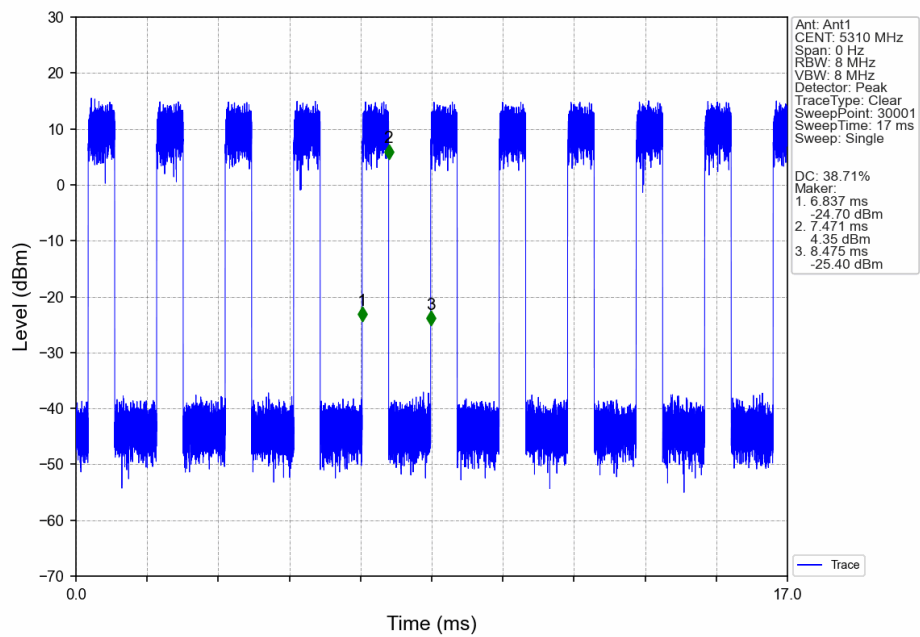
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



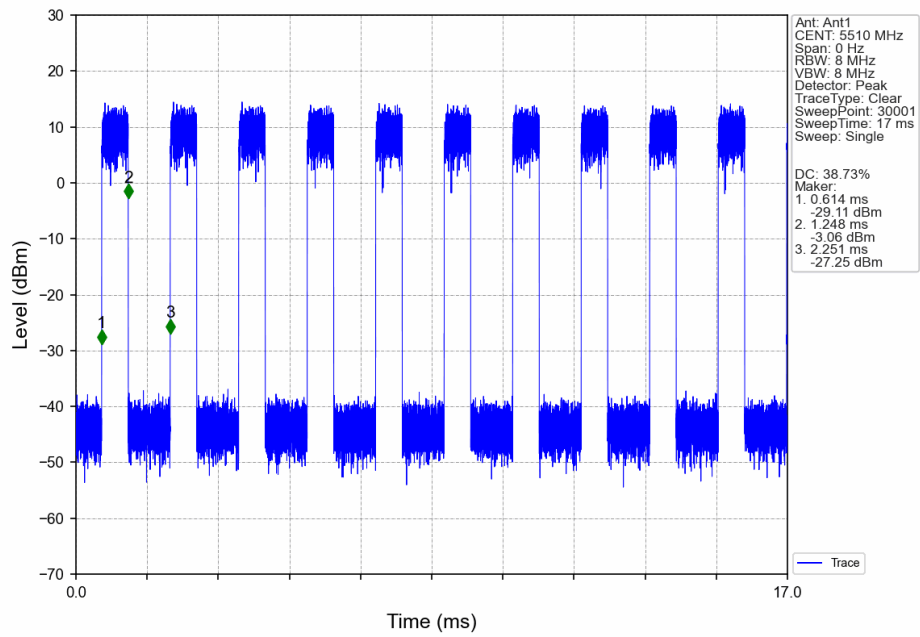
802.11n(HT40) LCH 5270MHz Ant1 NTN



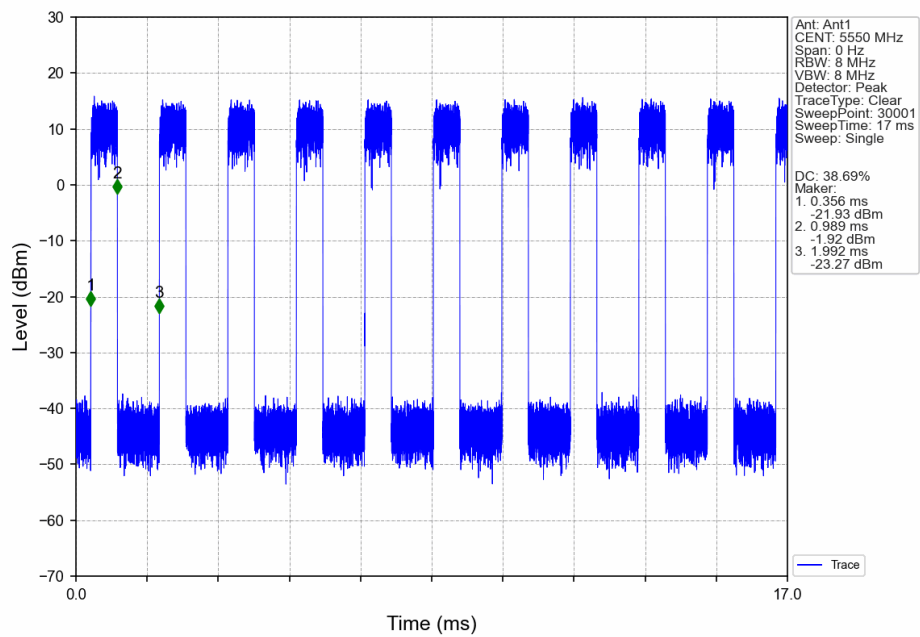
802.11n(HT40) HCH 5310MHz Ant1 NTN



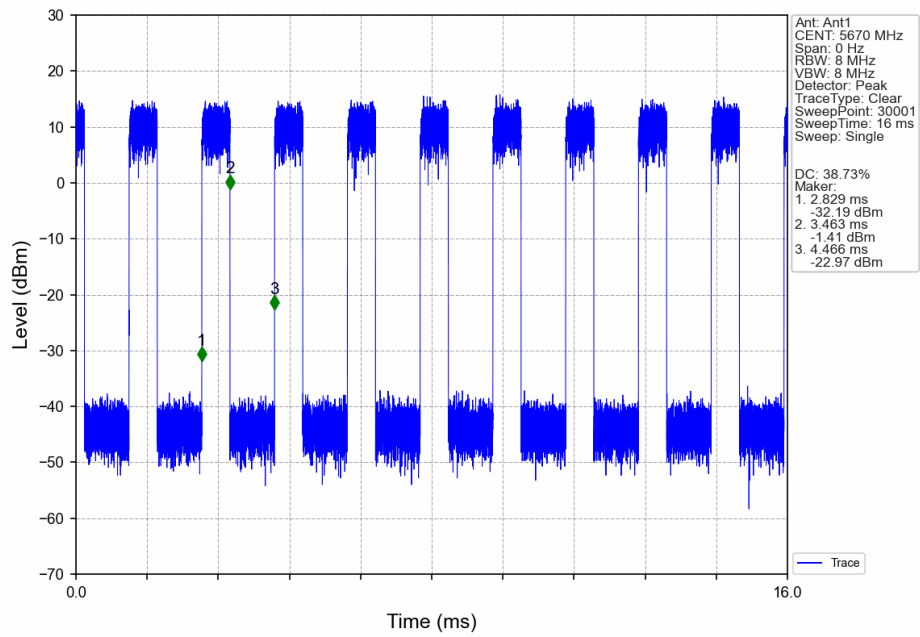
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



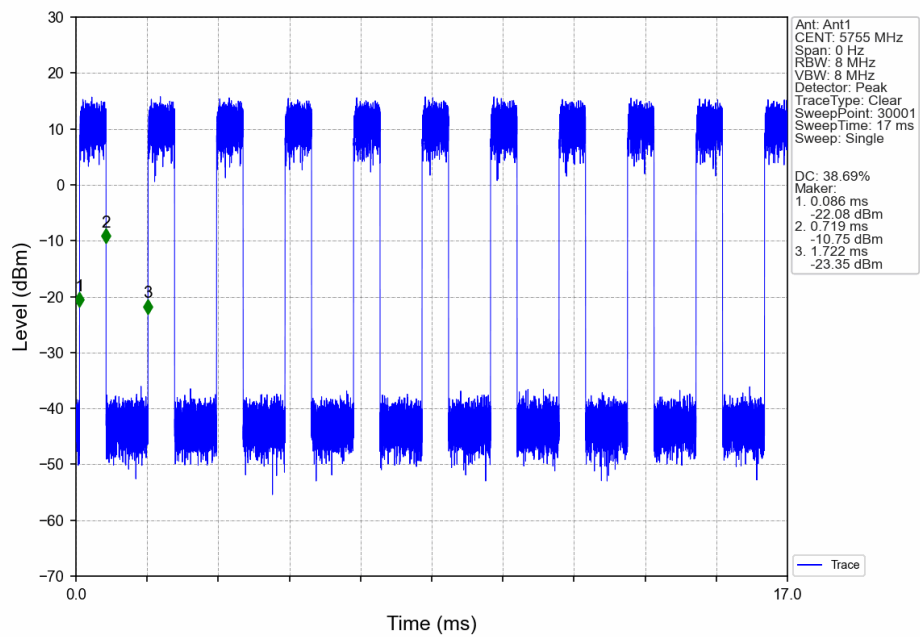
802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



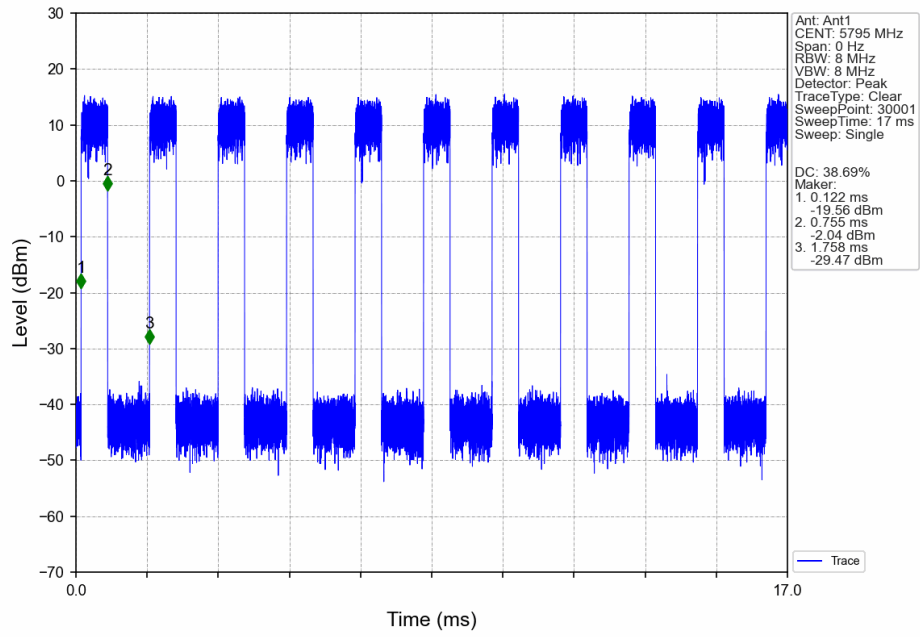
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



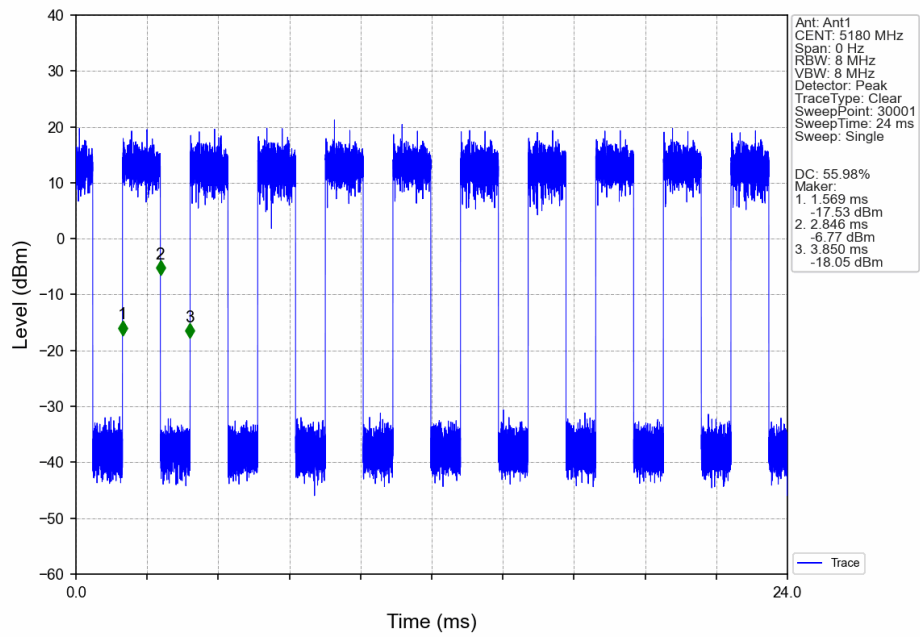
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



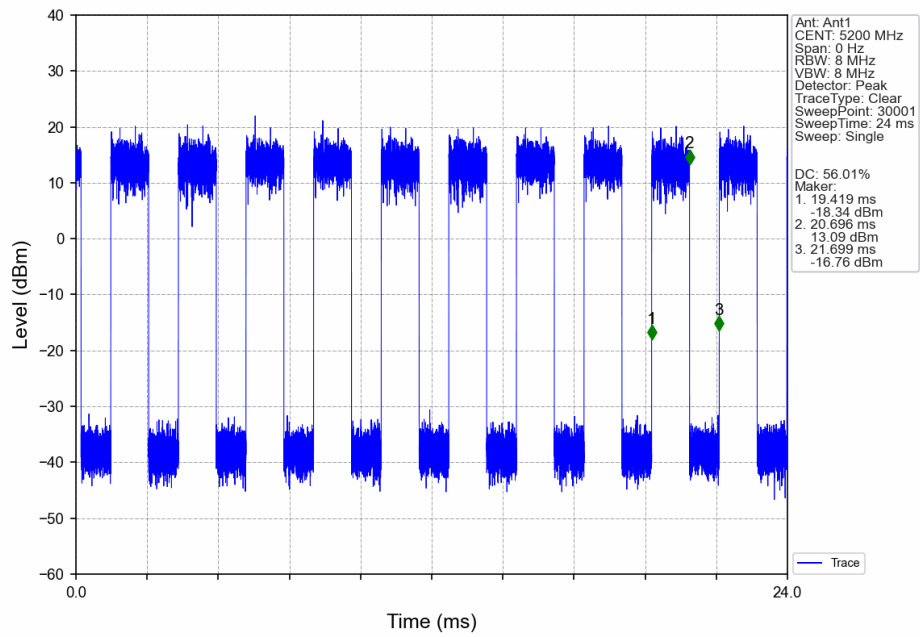
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



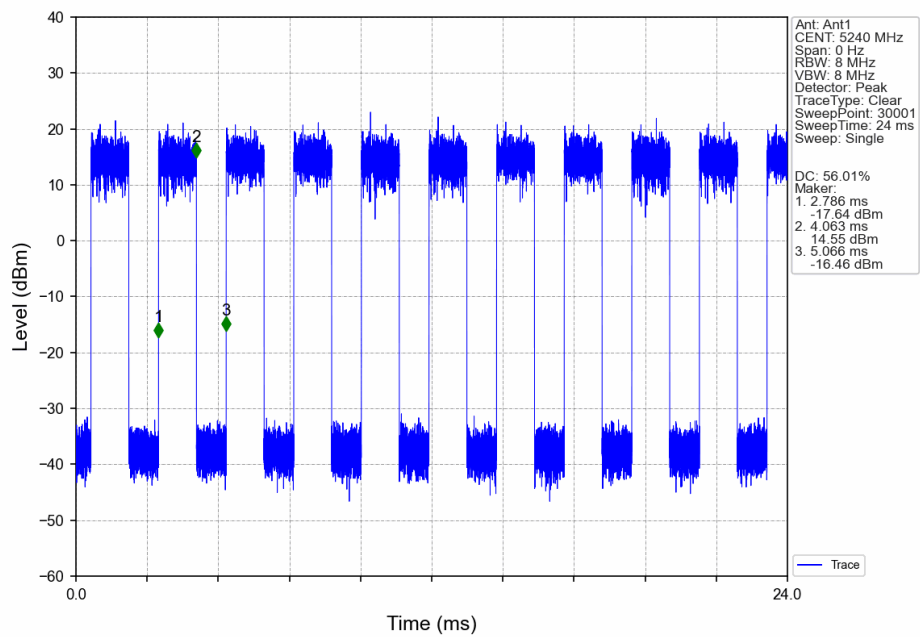
802.11ac(VHT20) LCH 5180MHz_Ant1_NTNV



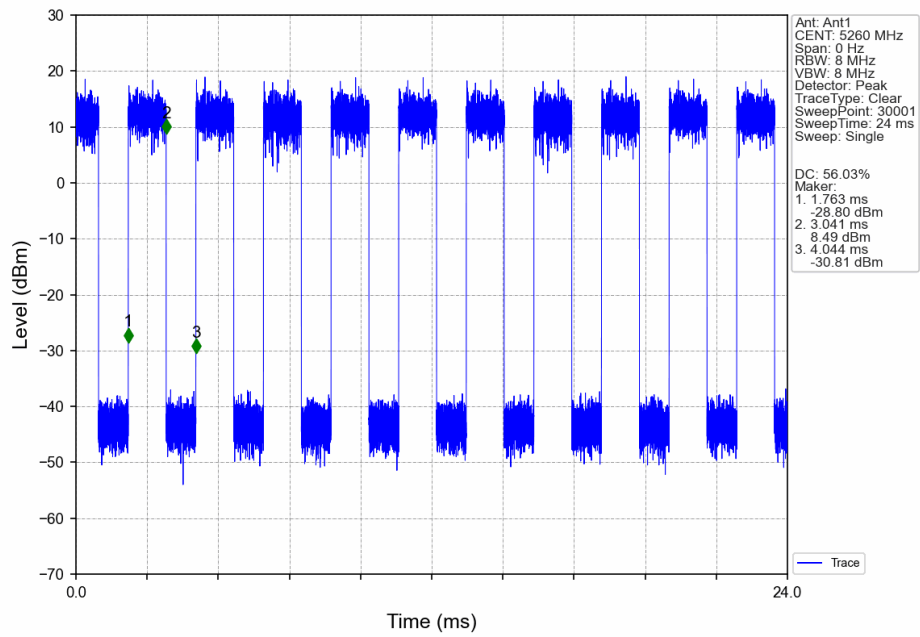
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



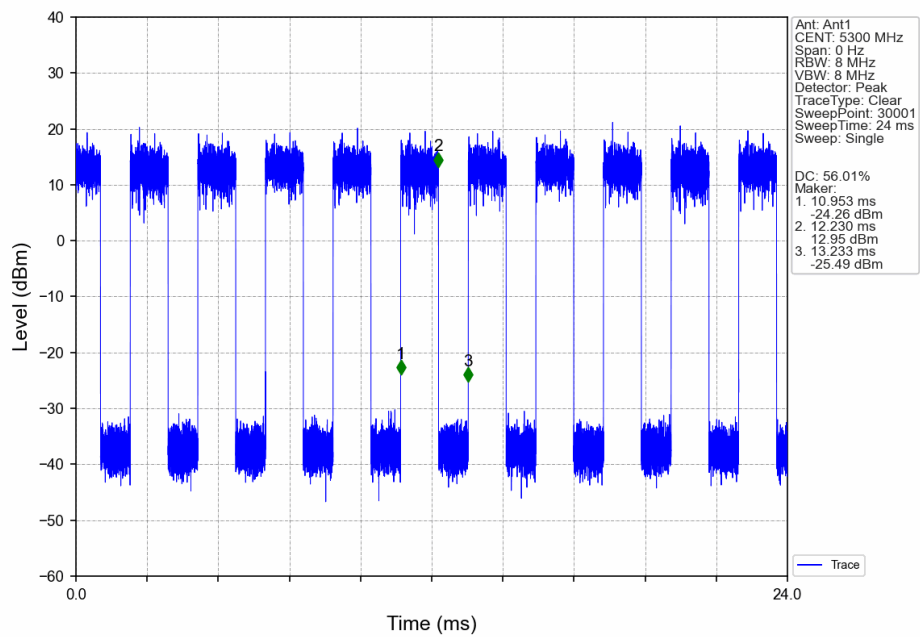
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



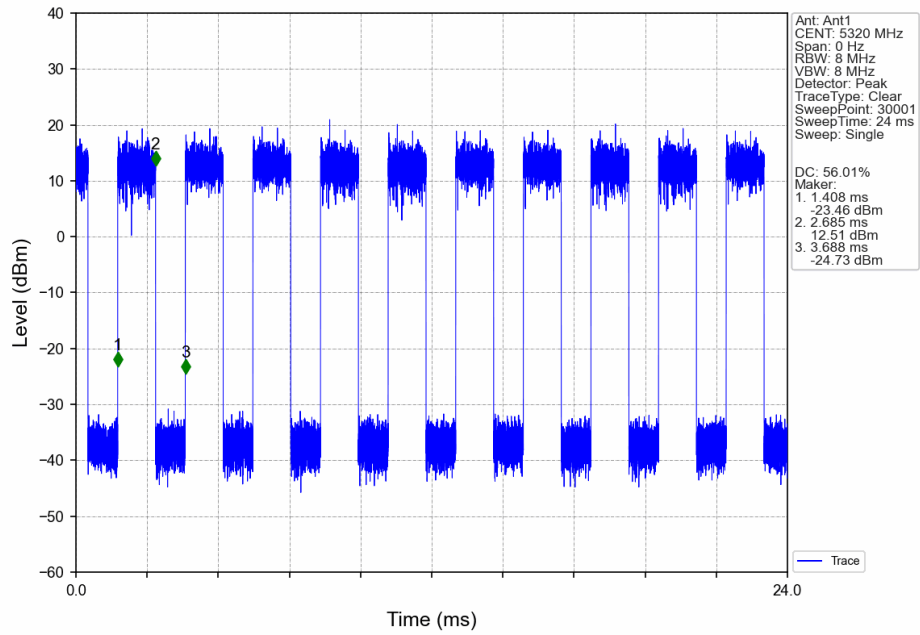
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



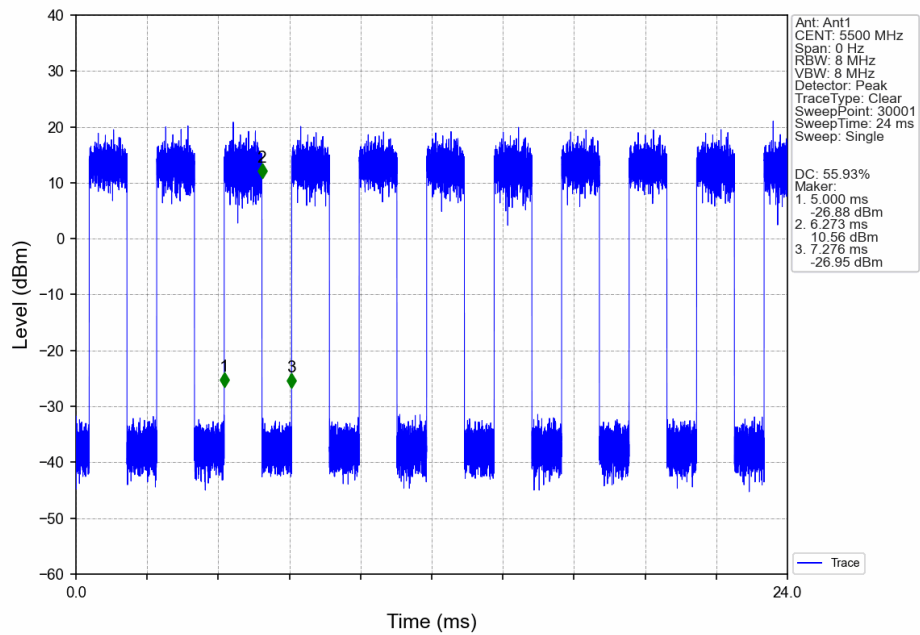
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



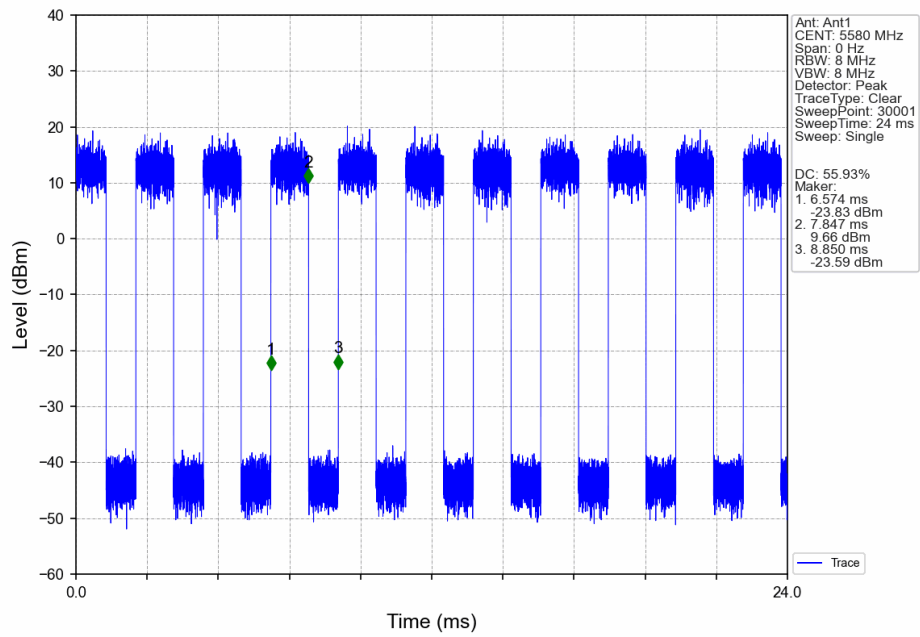
802.11ac(VHT20) HCH_5320MHz_Ant1_NTNV



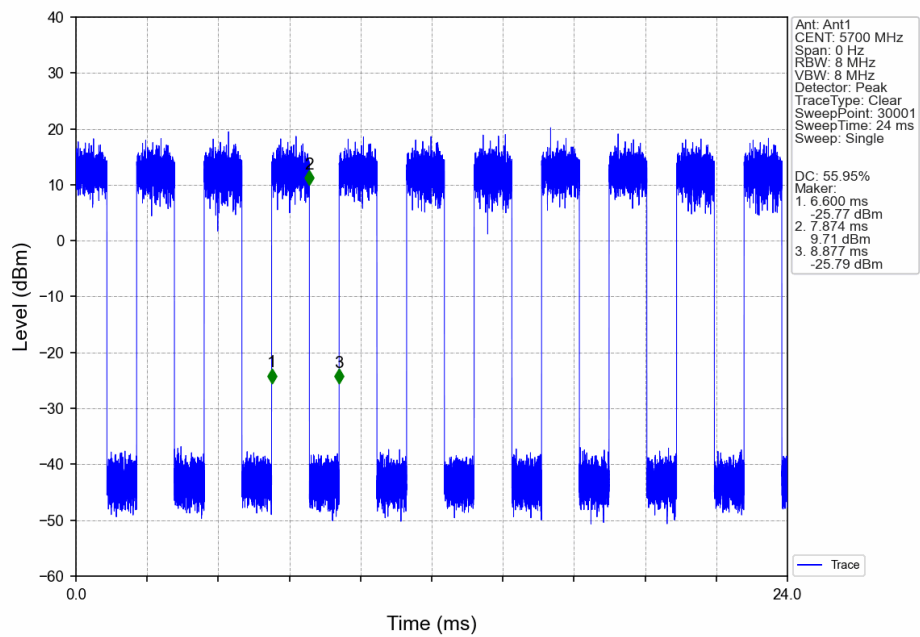
802.11ac(VHT20) LCH_5500MHz_Ant1_NTNV



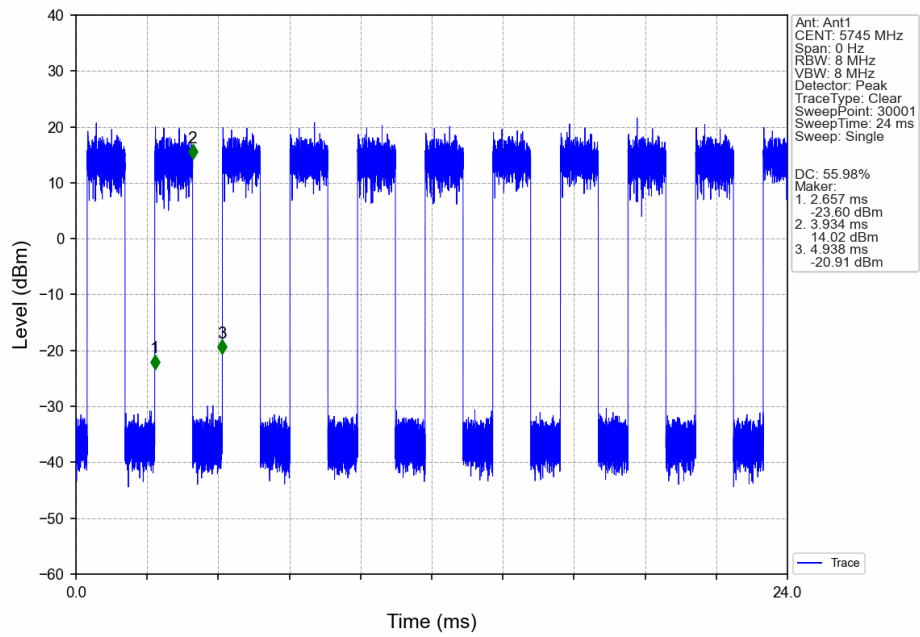
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



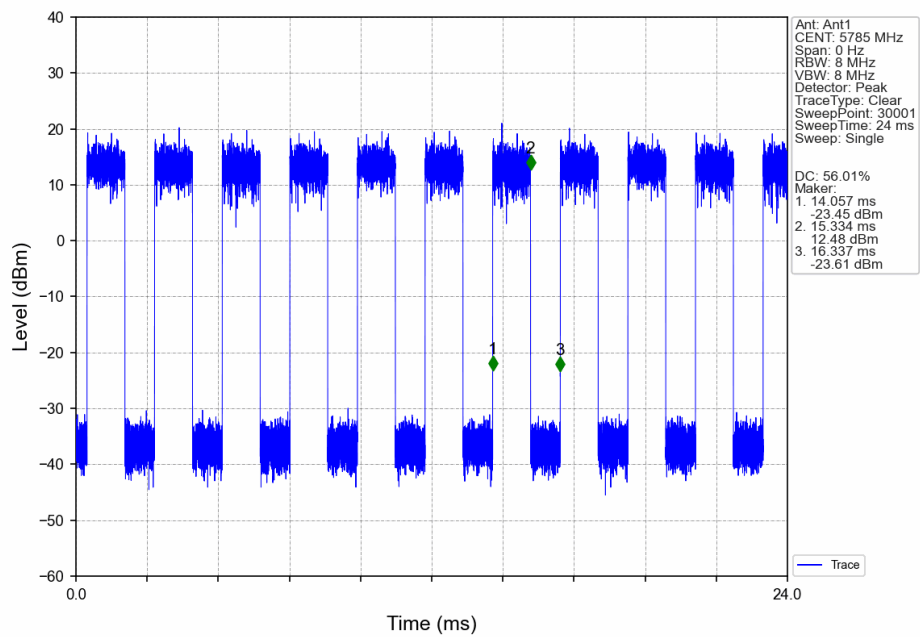
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



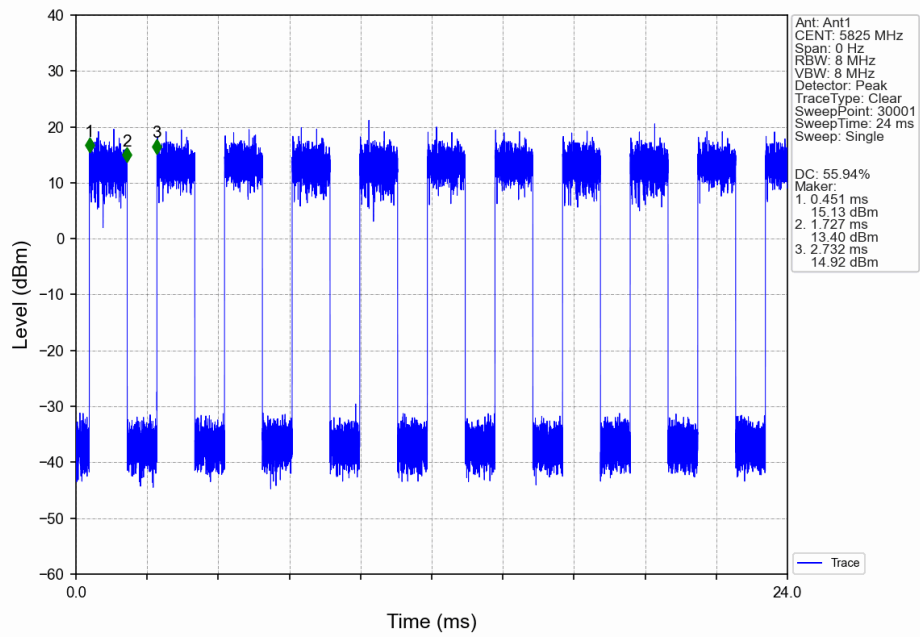
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



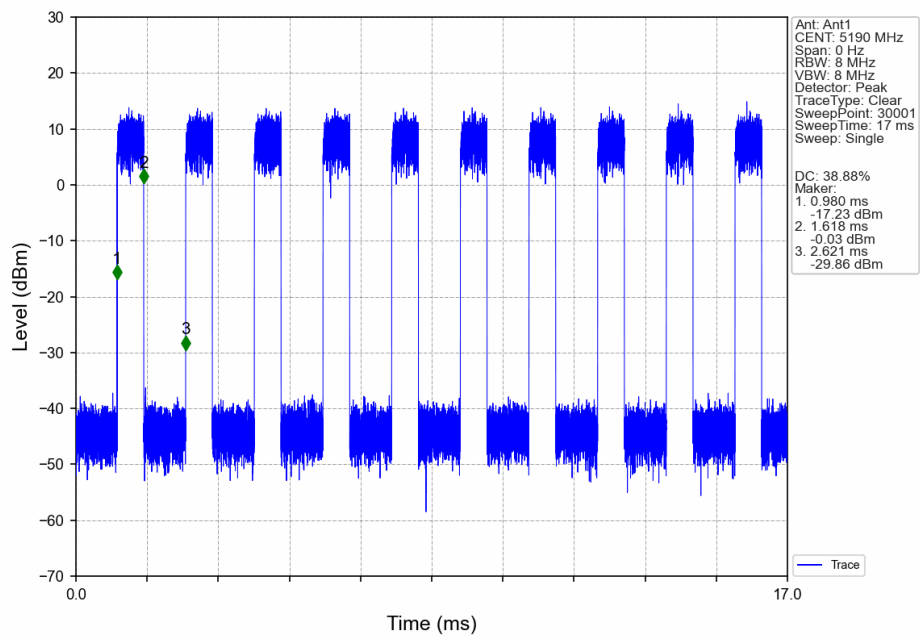
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



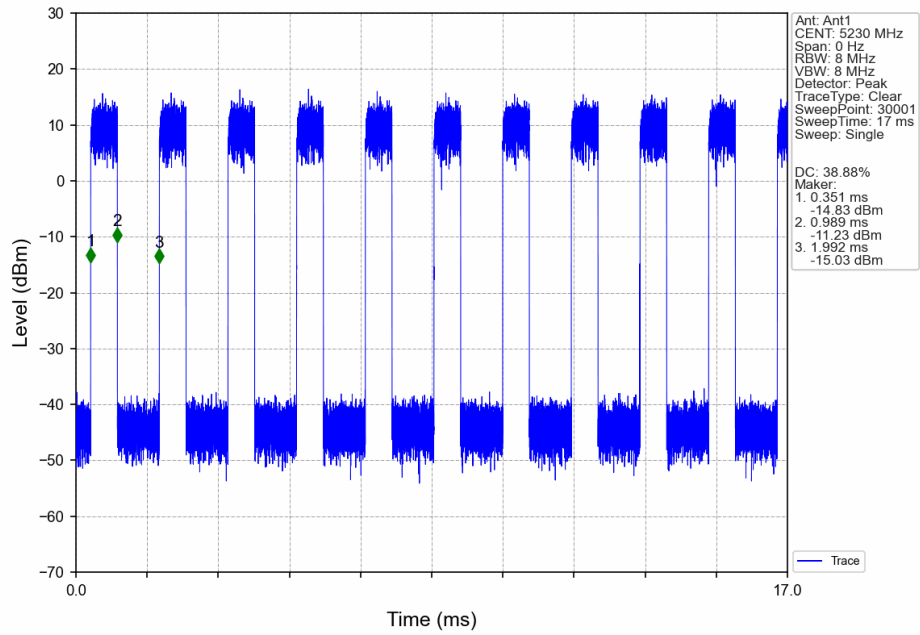
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



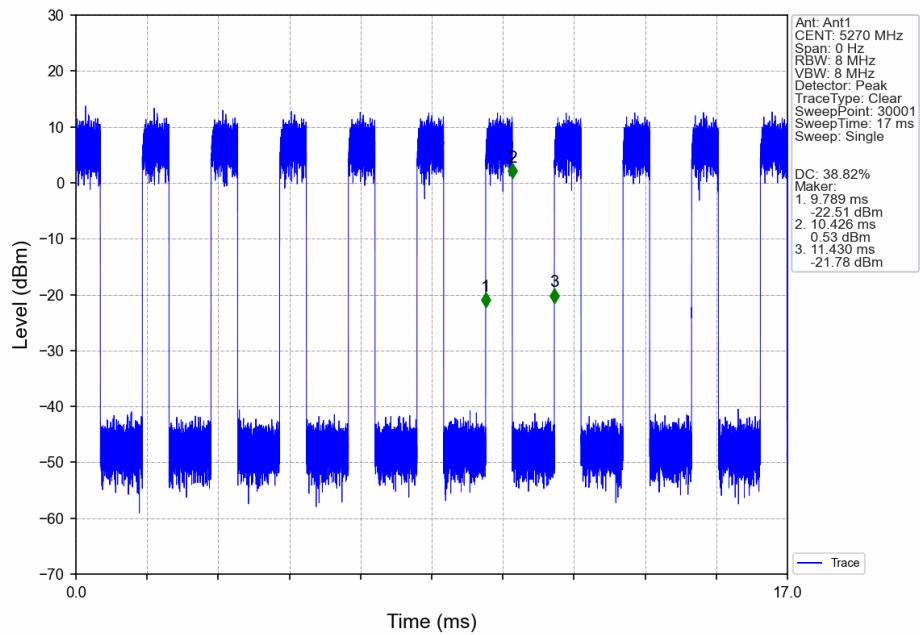
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



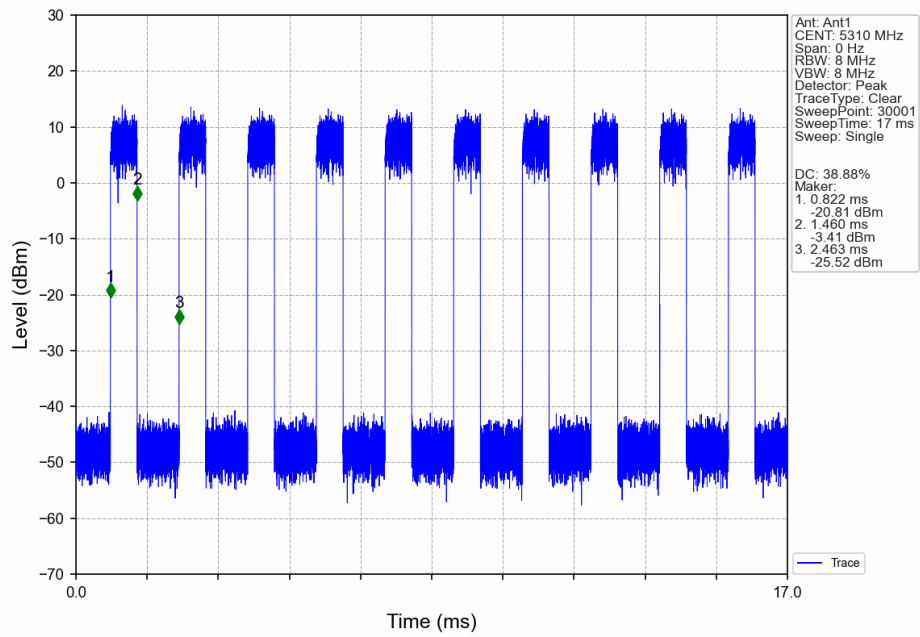
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



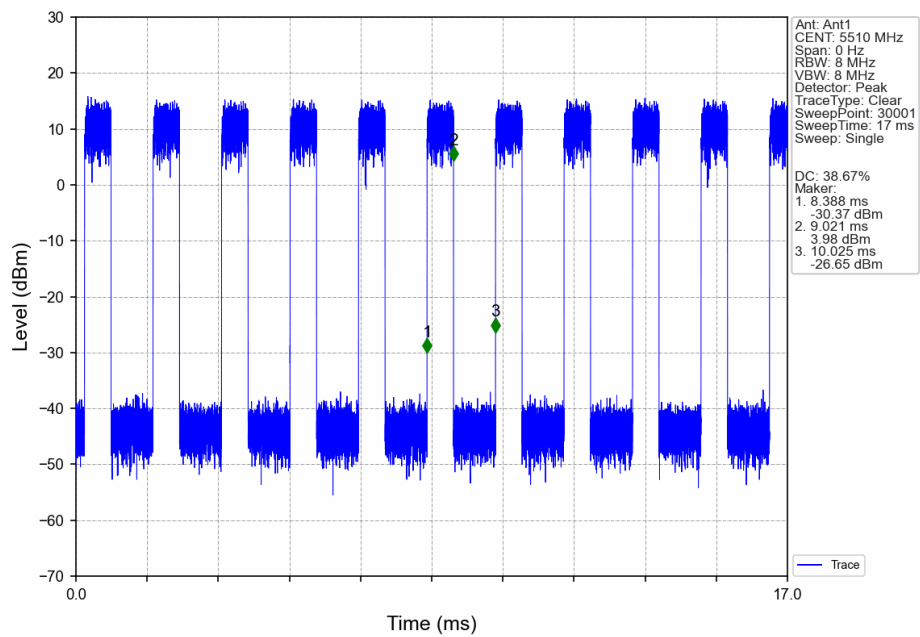
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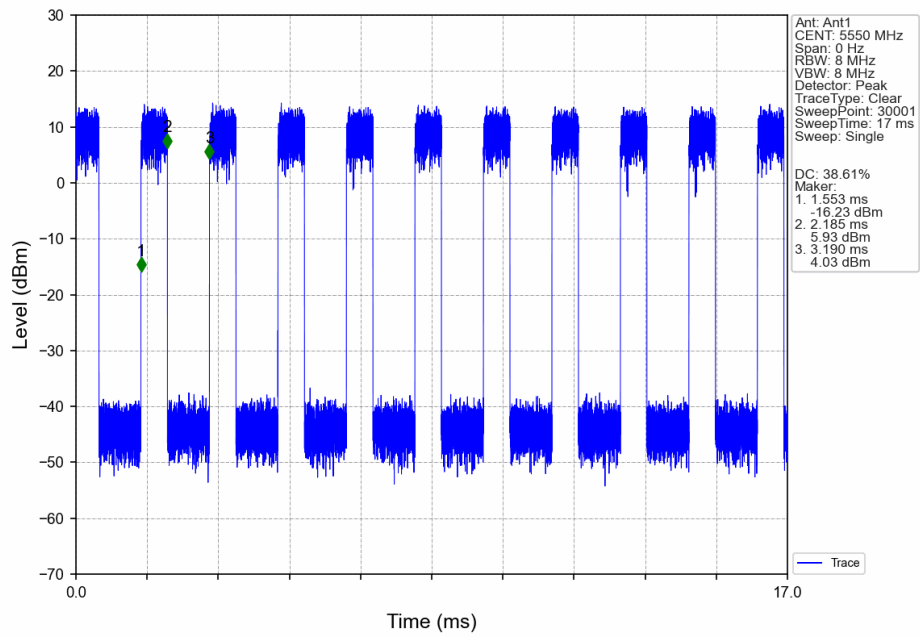
802.11ac(VHT40) HCH_5310MHz_Ant1_NTNV



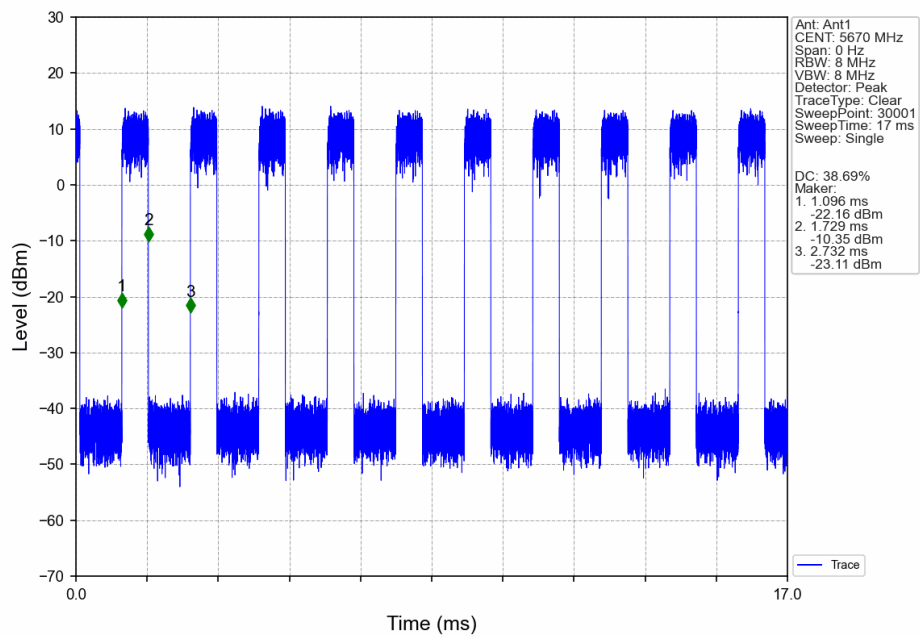
802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



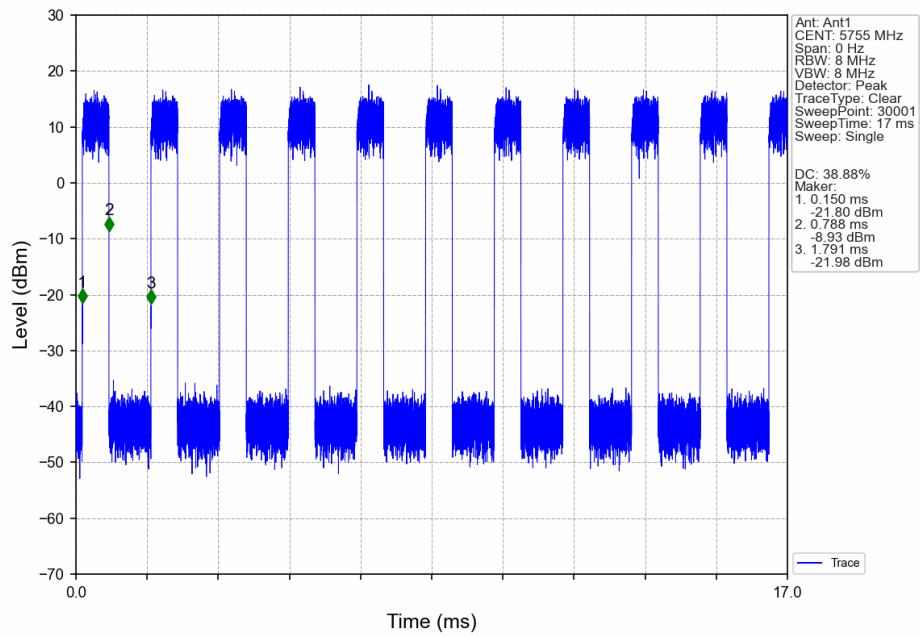
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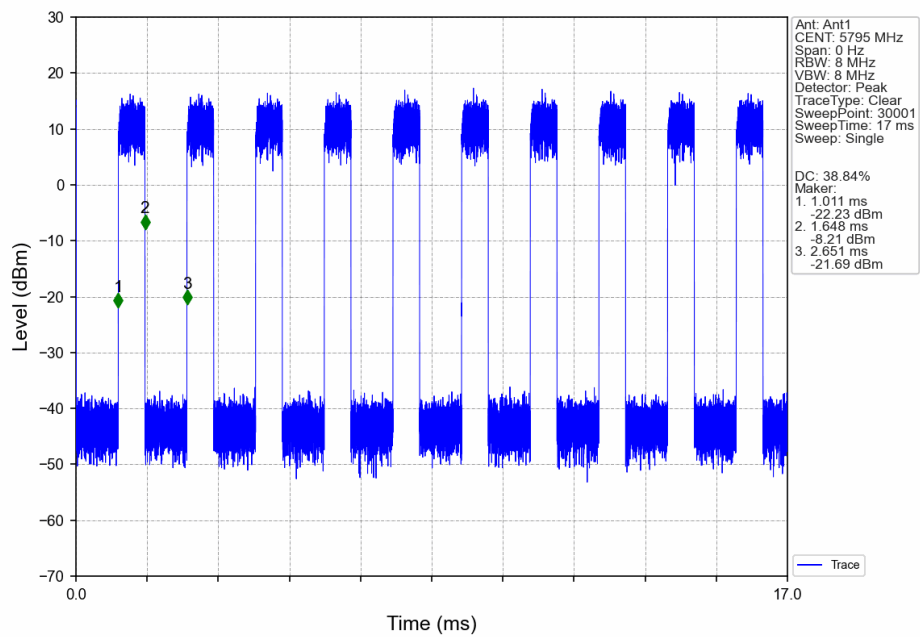
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



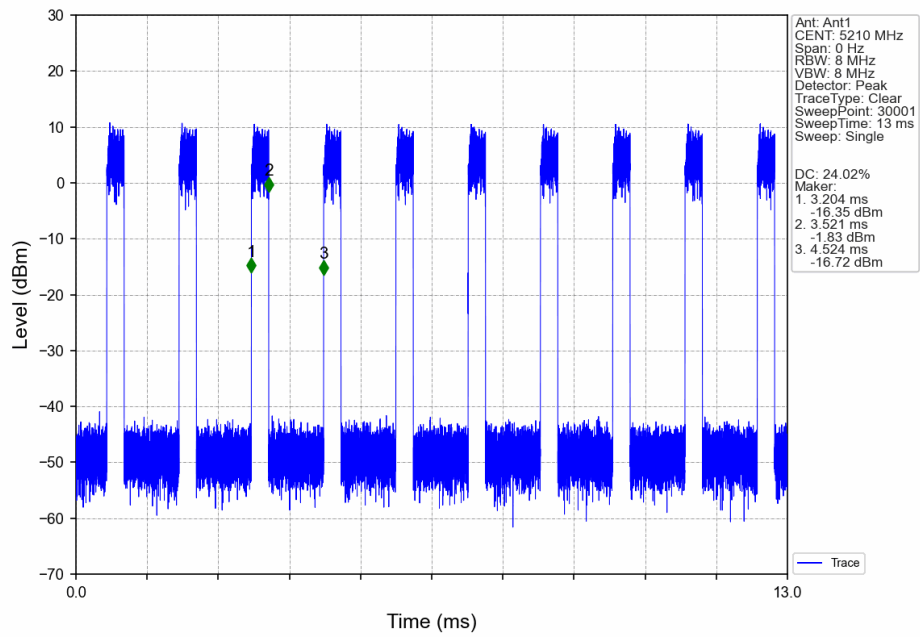
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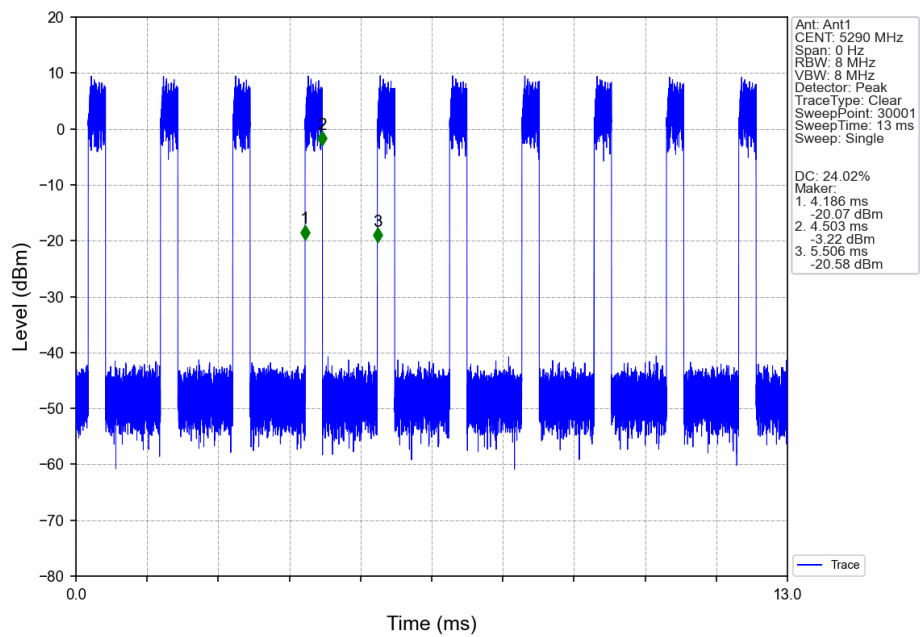
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



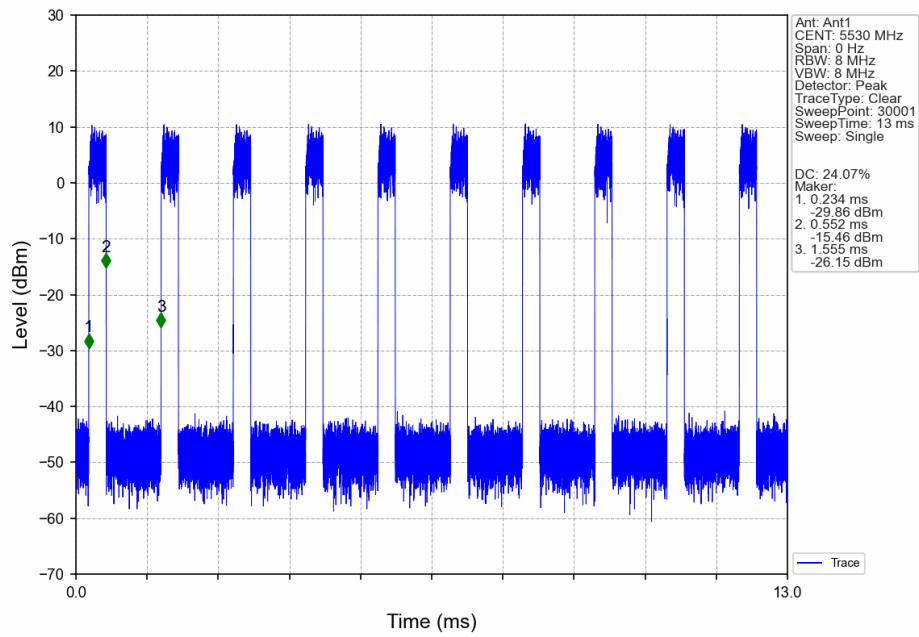
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



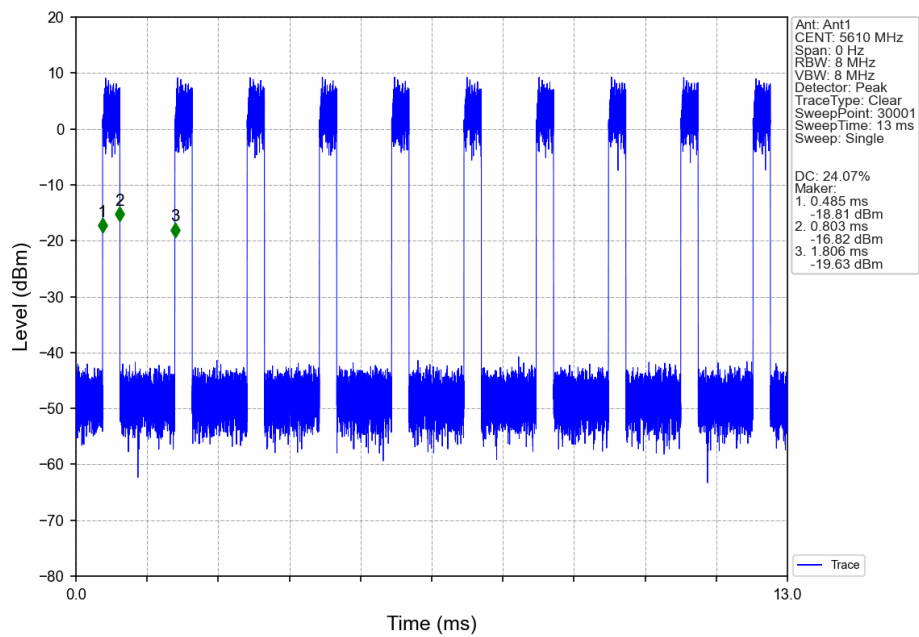
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



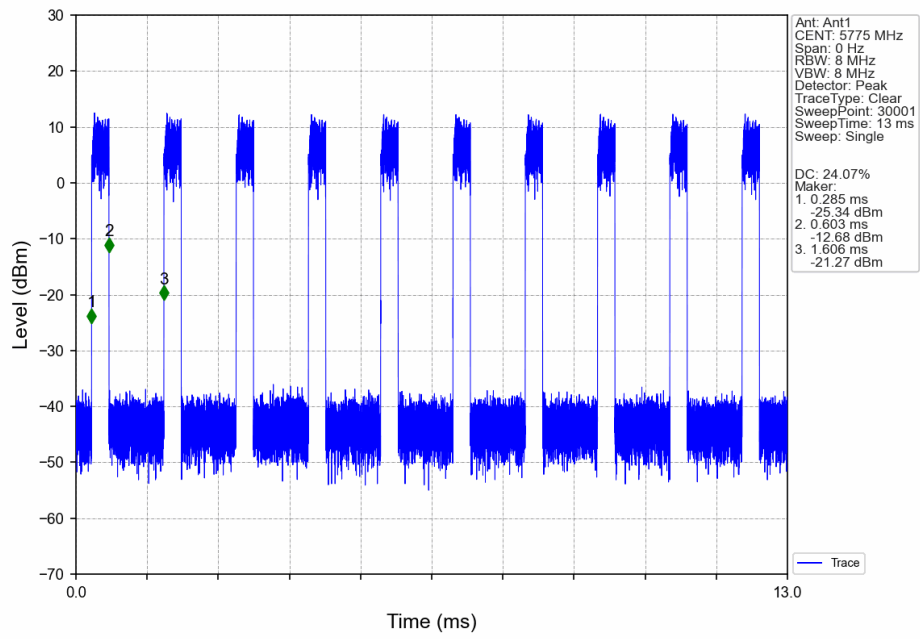
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	16.548	/	Pass
		5200	1	16.618	/	Pass
		5240	1	16.698	/	Pass
		5260	1	16.732	/	Pass
		5300	1	16.791	/	Pass
		5320	1	16.785	/	Pass
		5500	1	16.558	/	Pass
		5580	1	16.702	/	Pass
		5700	1	16.570	/	Pass
		5745	1	16.532	/	Pass
		5785	1	16.557	/	Pass
		5825	1	16.528	/	Pass
802.11n (HT20)	SISO	5180	1	17.750	/	Pass
		5200	1	17.904	/	Pass
		5240	1	17.964	/	Pass
		5260	1	17.774	/	Pass
		5300	1	17.838	/	Pass
		5320	1	17.813	/	Pass
		5500	1	17.653	/	Pass
		5580	1	17.747	/	Pass
		5700	1	17.633	/	Pass
		5745	1	17.658	/	Pass
		5785	1	17.680	/	Pass
		5825	1	17.618	/	Pass
802.11n (HT40)	SISO	5190	1	36.986	/	Pass
		5230	1	36.823	/	Pass
		5270	1	36.856	/	Pass
		5310	1	36.781	/	Pass
		5510	1	36.487	/	Pass
		5550	1	36.709	/	Pass
		5670	1	36.609	/	Pass
		5755	1	36.519	/	Pass
		5795	1	36.569	/	Pass
802.11ac (VHT20)	SISO	5180	1	17.660	/	Pass
		5200	1	17.827	/	Pass
		5240	1	17.863	/	Pass
		5260	1	17.700	/	Pass
		5300	1	17.694	/	Pass
		5320	1	17.668	/	Pass
		5500	1	17.645	/	Pass
		5580	1	17.663	/	Pass
		5700	1	17.640	/	Pass
		5745	1	17.650	/	Pass
		5785	1	17.620	/	Pass
802.11ac (VHT40)	SISO	5825	1	17.634	/	Pass
		5190	1	36.863	/	Pass
		5230	1	36.640	/	Pass

		5270	1	36.534	/	Pass
		5310	1	36.310	/	Pass
		5510	1	36.591	/	Pass
		5550	1	36.650	/	Pass
		5670	1	36.633	/	Pass
		5755	1	36.502	/	Pass
		5795	1	36.436	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.438	/	Pass
		5290	1	75.547	/	Pass
		5530	1	75.387	/	Pass
		5610	1	75.329	/	Pass
		5775	1	75.525	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	21.522	/	Pass
		5200	1	26.394	/	Pass
		5240	1	28.869	/	Pass
		5260	1	29.376	/	Pass
		5300	1	42.337	/	Pass
		5320	1	36.677	/	Pass
		5500	1	21.479	/	Pass
		5580	1	27.259	/	Pass
802.11n (HT20)	SISO	5700	1	21.004	/	Pass
		5180	1	29.497	/	Pass
		5200	1	39.275	/	Pass
		5240	1	38.176	/	Pass
		5260	1	38.959	/	Pass
		5300	1	38.215	/	Pass
		5320	1	37.247	/	Pass
		5500	1	33.712	/	Pass
802.11n (HT40)	SISO	5580	1	29.681	/	Pass
		5700	1	21.360	/	Pass
		5190	1	67.445	/	Pass
		5230	1	65.424	/	Pass
		5270	1	66.997	/	Pass
		5310	1	60.681	/	Pass
		5510	1	50.673	/	Pass
		5550	1	63.646	/	Pass
802.11ac (VHT20)	SISO	5670	1	44.311	/	Pass
		5180	1	27.866	/	Pass
		5200	1	38.171	/	Pass
		5240	1	39.043	/	Pass
		5260	1	21.382	/	Pass
		5300	1	32.702	/	Pass
		5320	1	25.740	/	Pass
		5500	1	21.339	/	Pass
802.11ac (VHT40)	SISO	5580	1	21.845	/	Pass
		5700	1	21.333	/	Pass
		5190	1	56.209	/	Pass
		5230	1	69.058	/	Pass
		5270	1	42.726	/	Pass
		5310	1	42.366	/	Pass
		5510	1	61.625	/	Pass
		5550	1	42.191	/	Pass
		5670	1	42.818	/	Pass

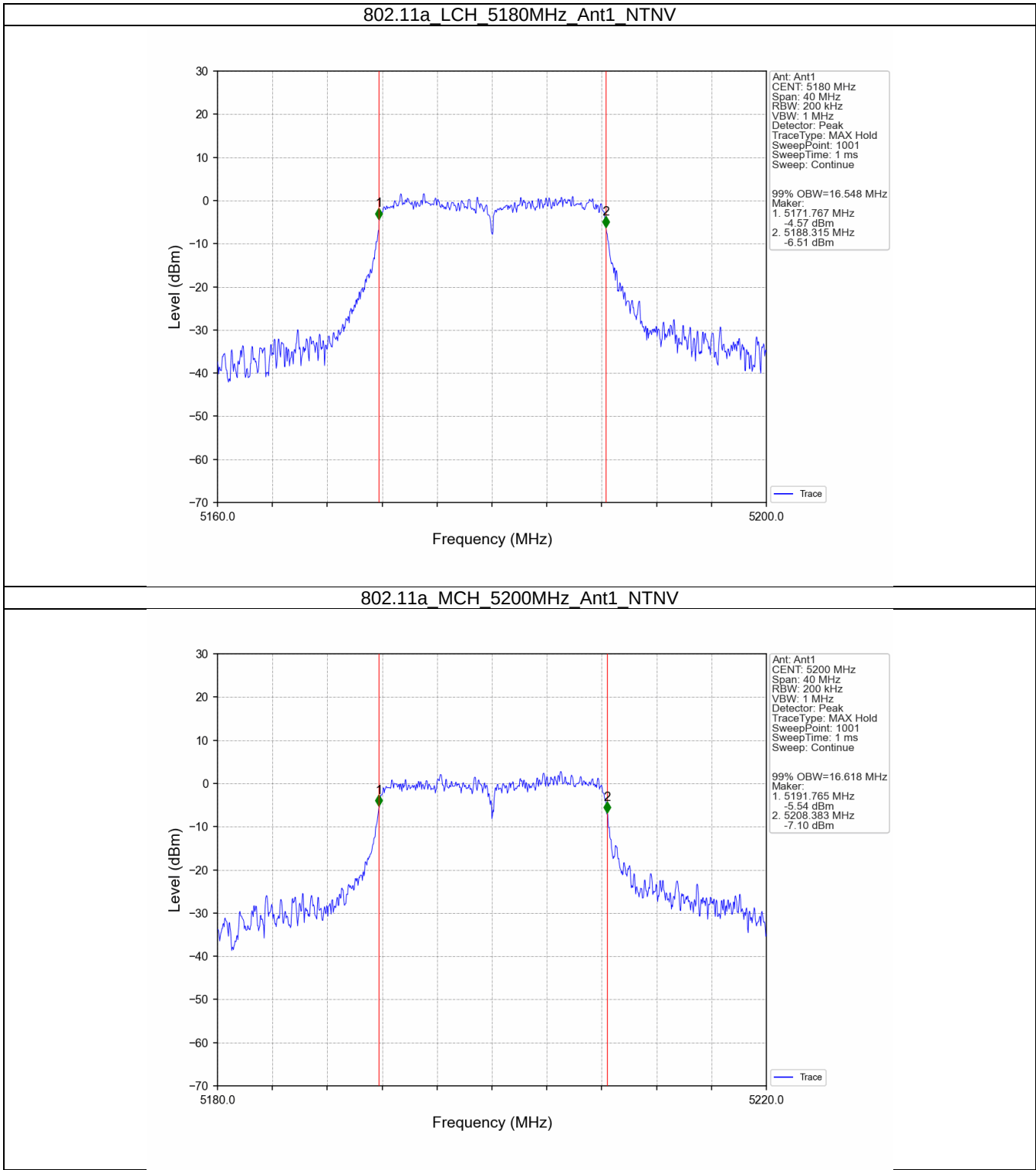
802.11ac (VHT80)	SISO	5210	1	82.874	/	Pass
		5290	1	82.713	/	Pass
		5530	1	81.912	/	Pass
		5610	1	81.321	/	Pass

2.1.3 6dB BW

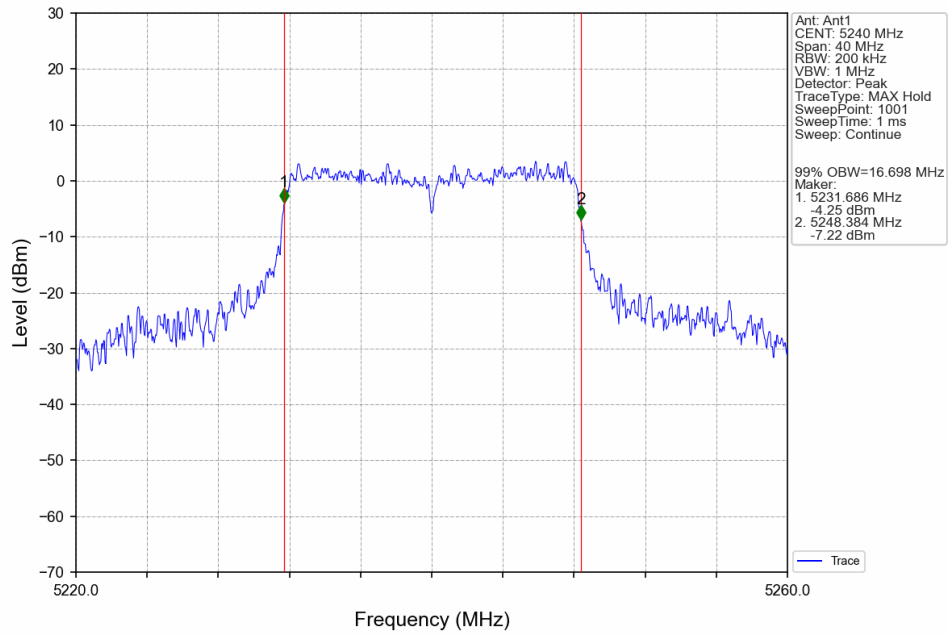
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.340	>=0.5	Pass
		5785	1	16.369	>=0.5	Pass
		5825	1	16.355	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	16.954	>=0.5	Pass
		5785	1	16.401	>=0.5	Pass
		5825	1	16.780	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	34.266	>=0.5	Pass
		5795	1	35.152	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.017	>=0.5	Pass
		5785	1	16.924	>=0.5	Pass
		5825	1	17.213	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.164	>=0.5	Pass
		5795	1	34.750	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	73.861	>=0.5	Pass

2.2 Test Graph

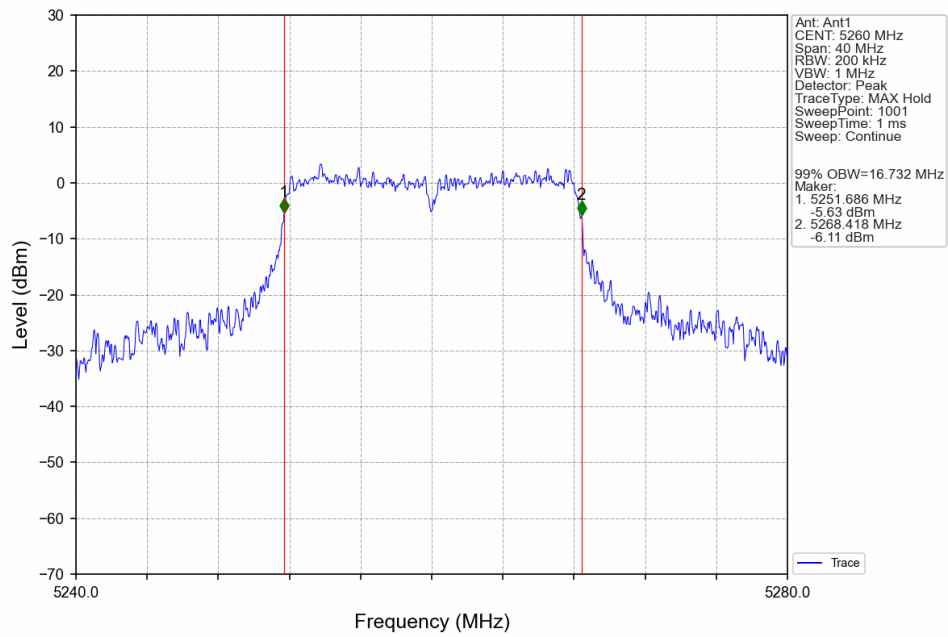
2.2.1 OBW



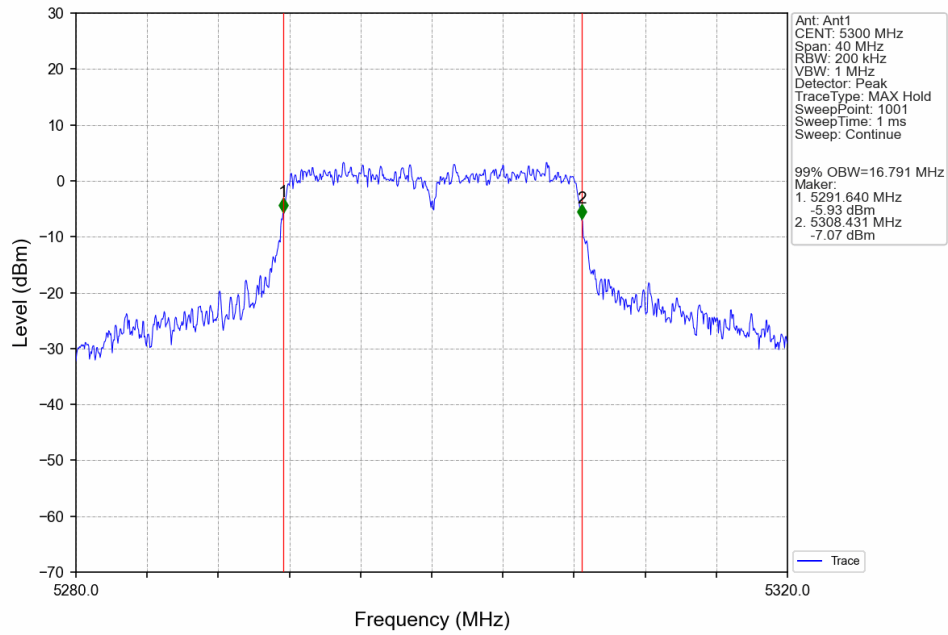
802.11a_HCH_5240MHz_Ant1_NTNV



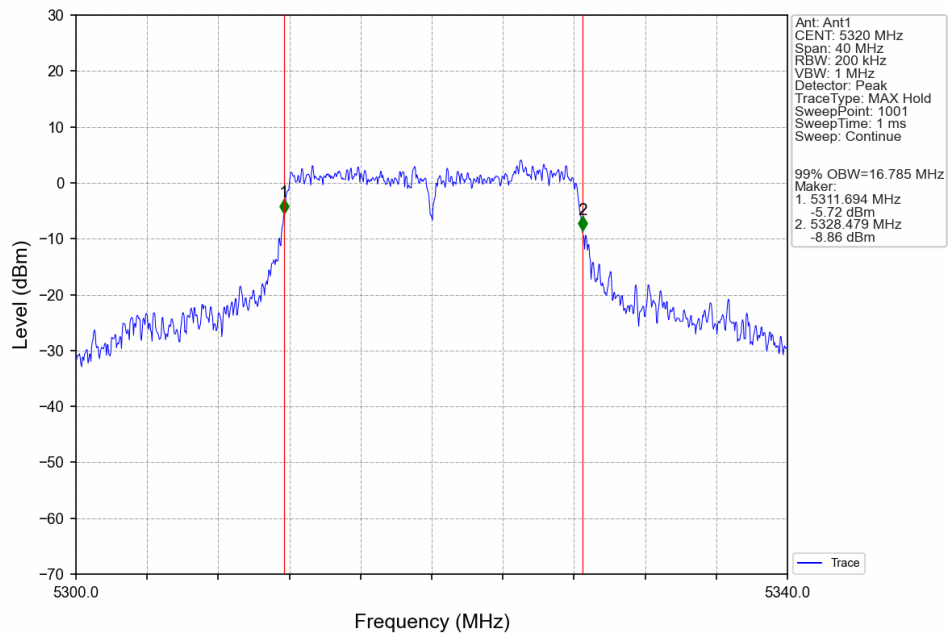
802.11a_LCH_5260MHz_Ant1_NTNV



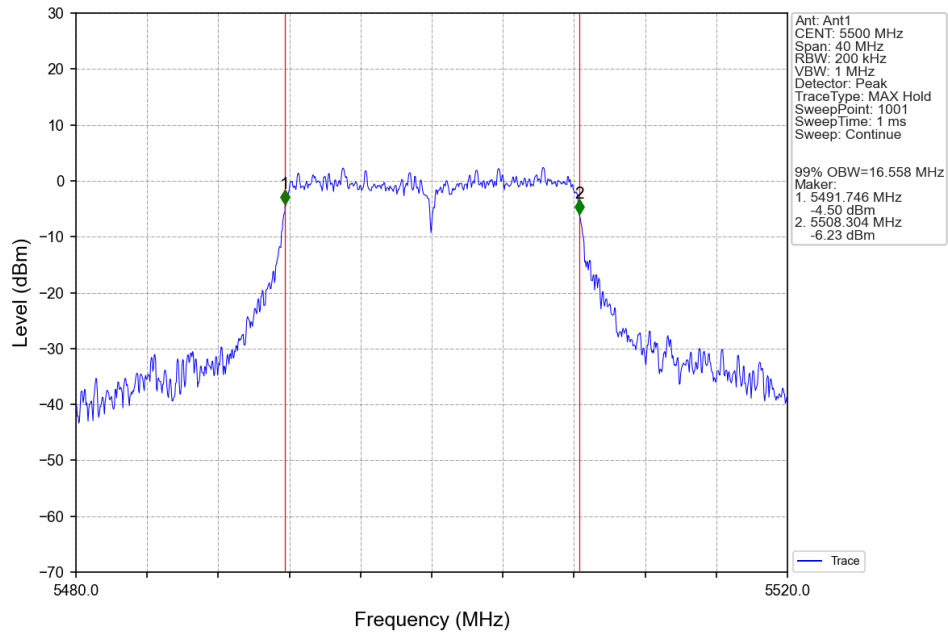
802.11a_MCH_5300MHz_Ant1_NTNV



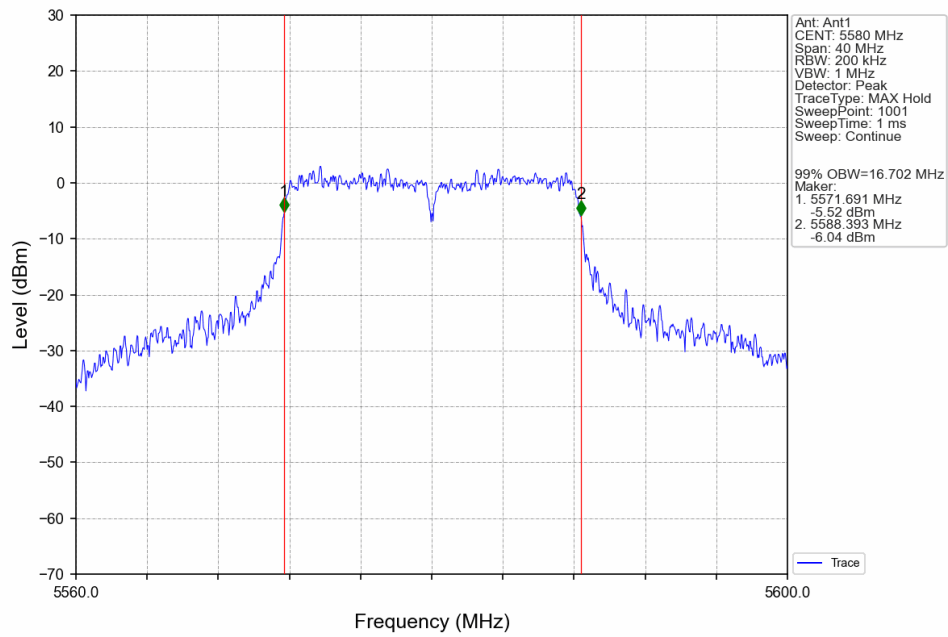
802.11a_HCH_5320MHz_Ant1_NTNV



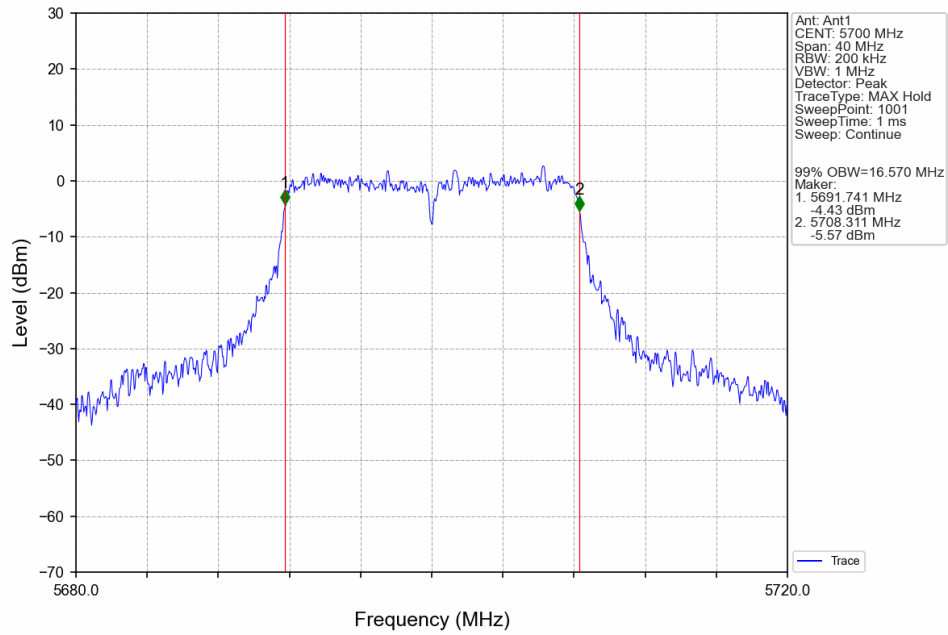
802.11a_LCH_5500MHz_Ant1_NTNV



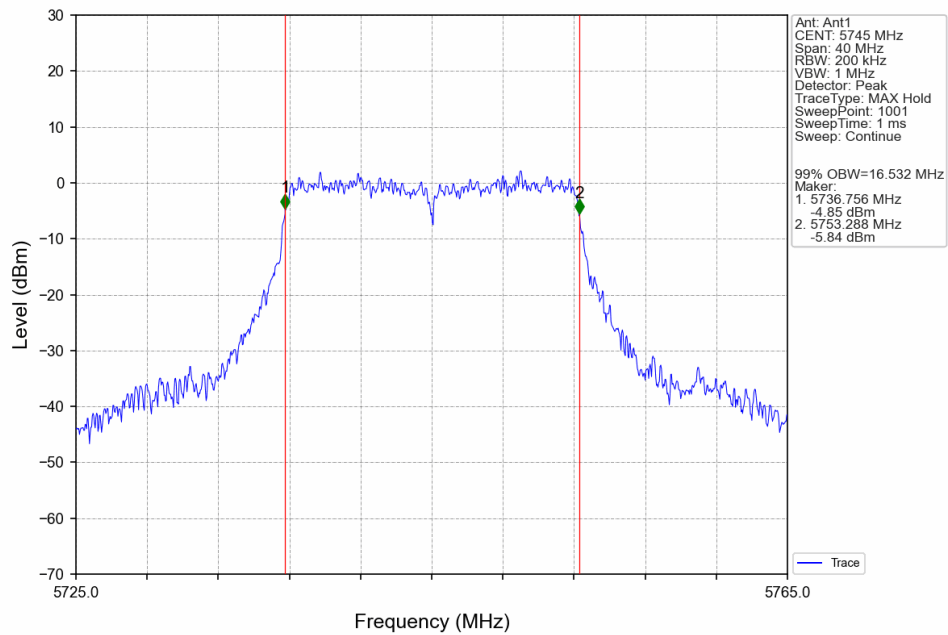
802.11a_MCH_5580MHz_Ant1_NTNV



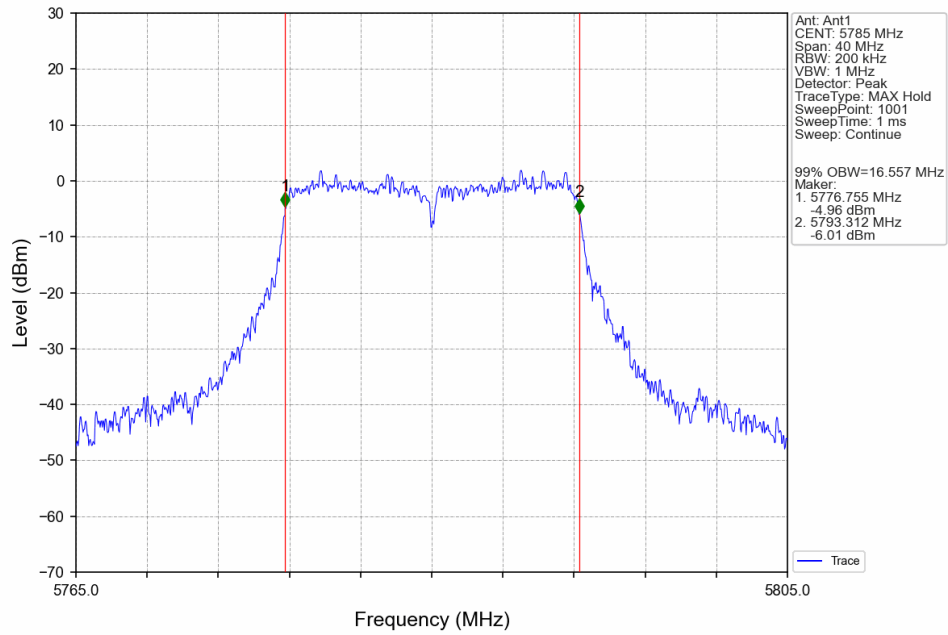
802.11a_HCH_5700MHz_Ant1_NTNV



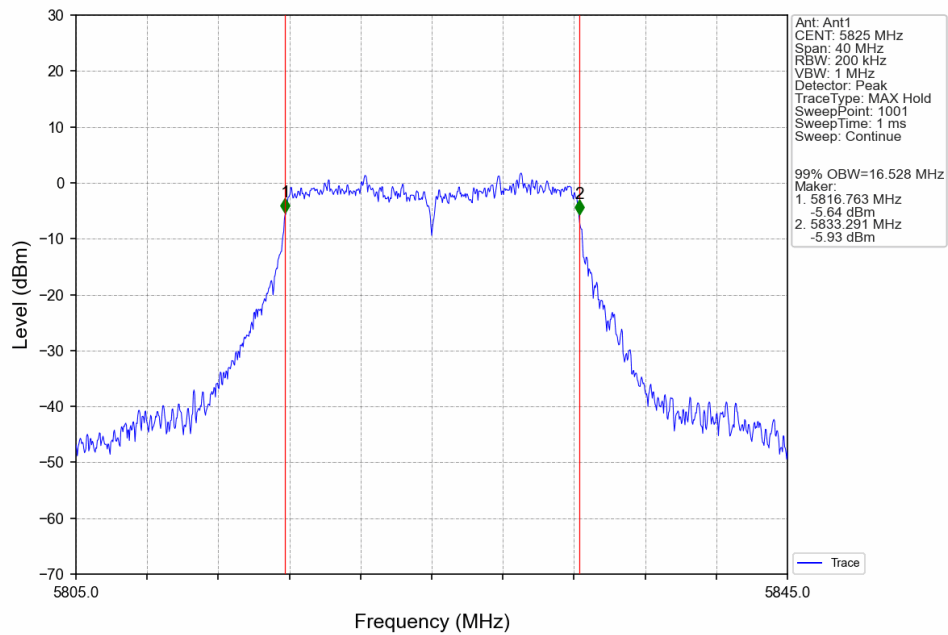
802.11a_LCH_5745MHz_Ant1_NTNV



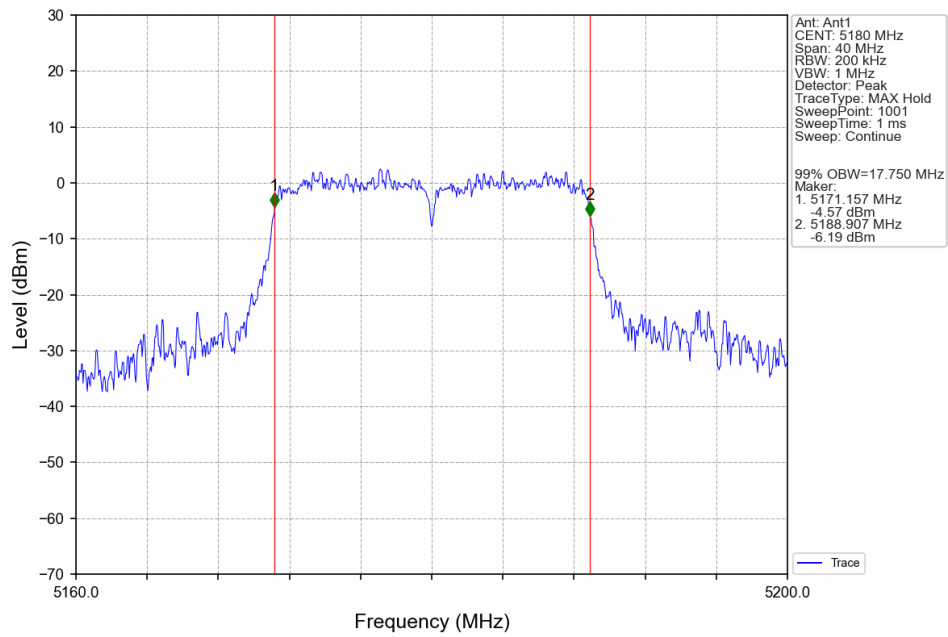
802.11a_MCH_5785MHz_Ant1_NTNV



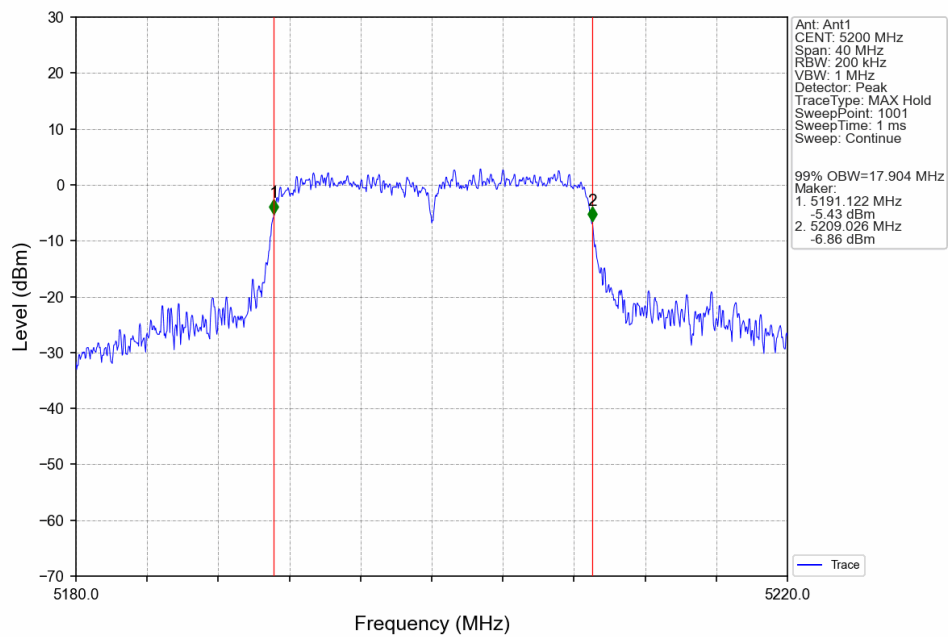
802.11a_HCH_5825MHz_Ant1_NTNV



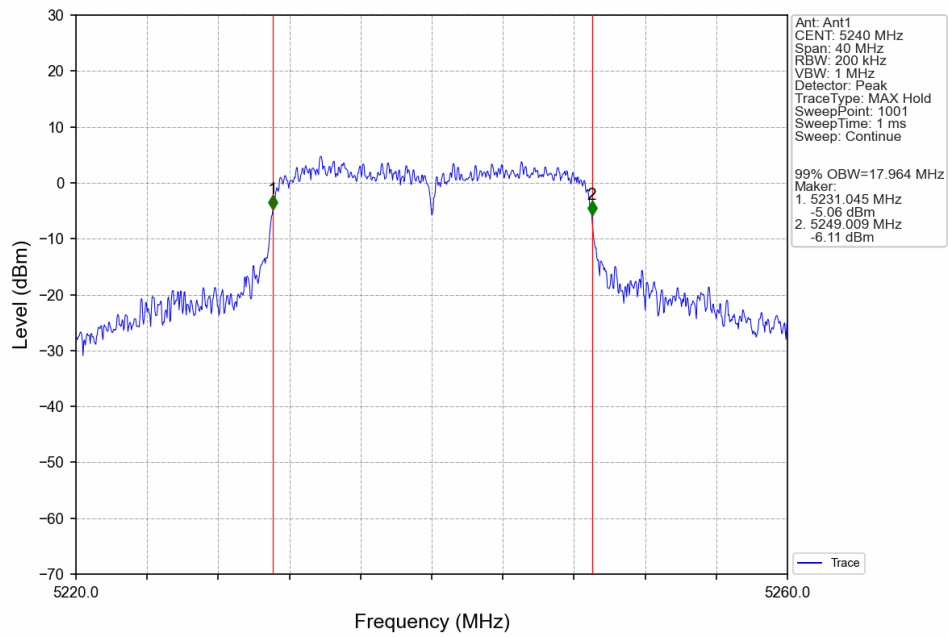
802.11n(HT20) LCH_5180MHz_Ant1_NTNV



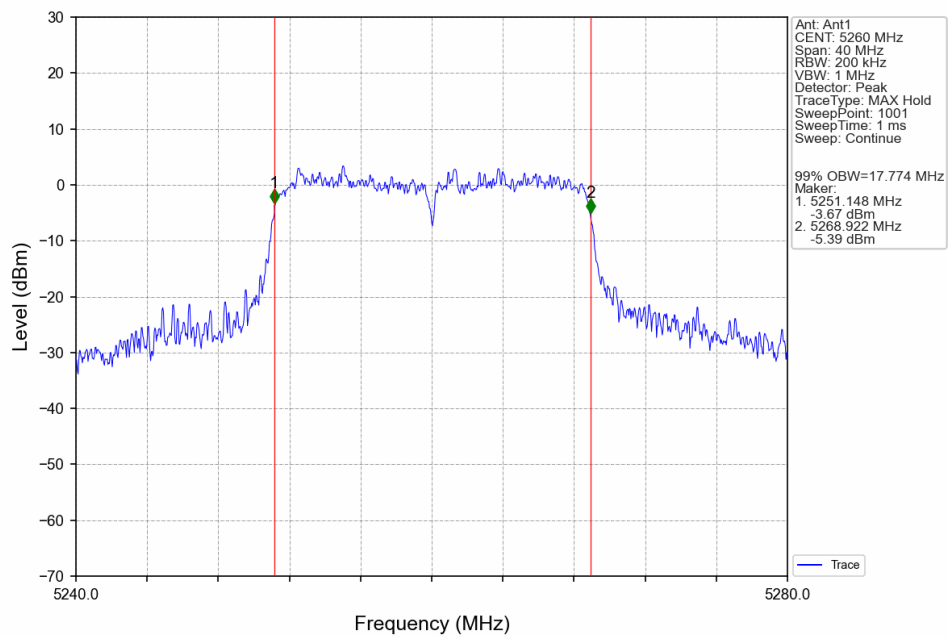
802.11n(HT20) MCH_5200MHz_Ant1_NTNV



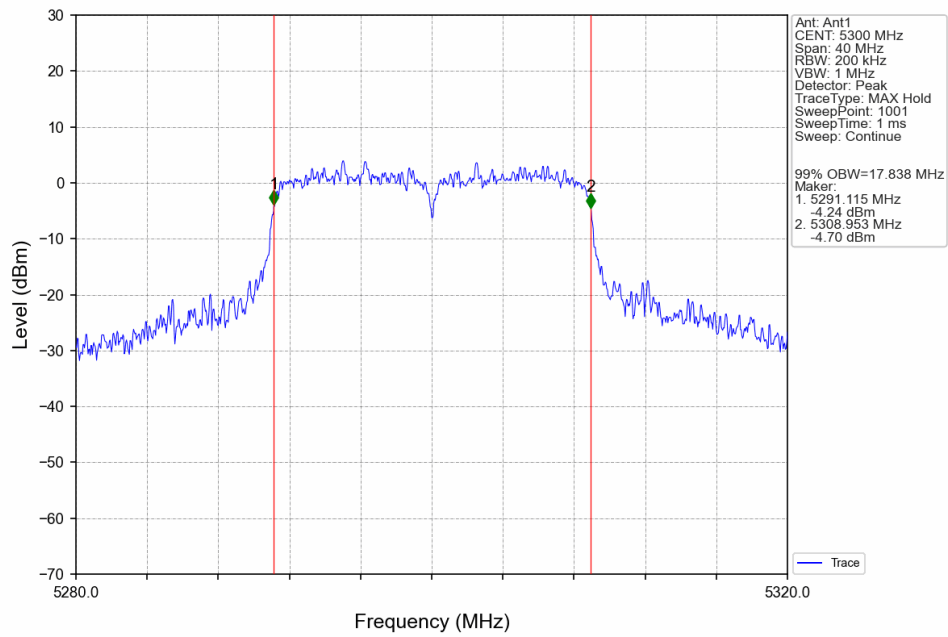
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



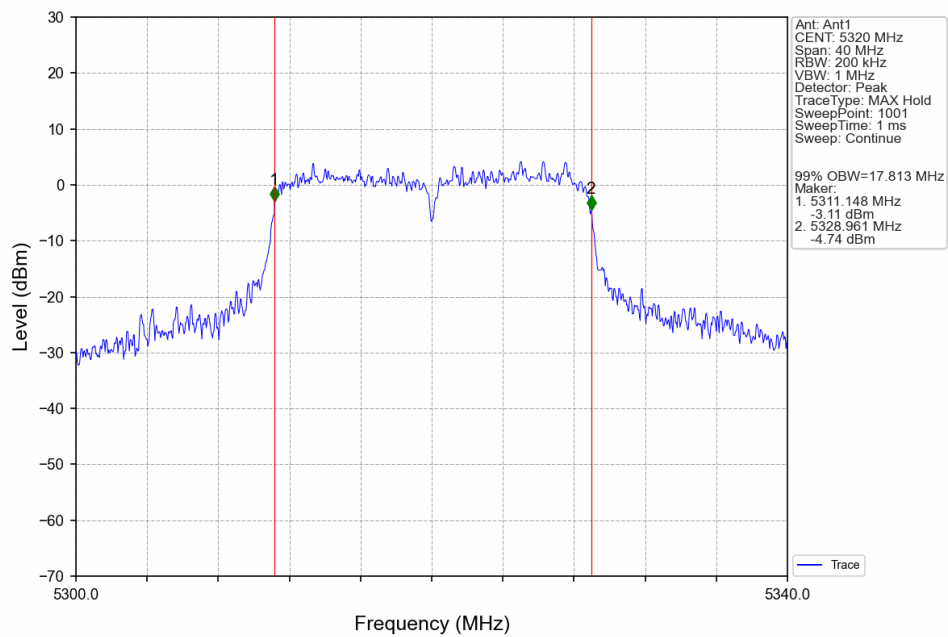
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



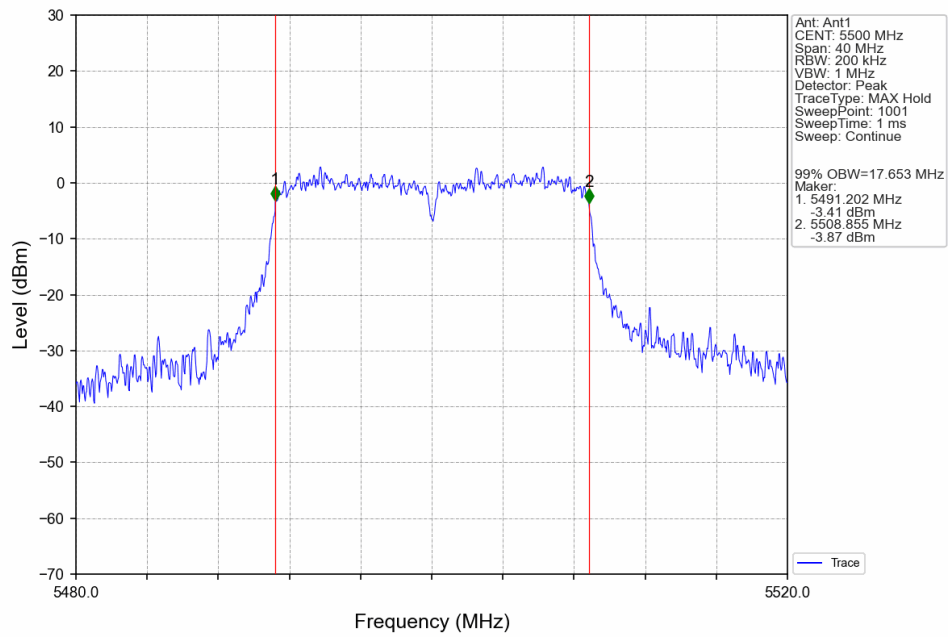
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20) LCH_5500MHz_Ant1_NTNV



802.11n(HT20) MCH_5580MHz_Ant1_NTNV

