

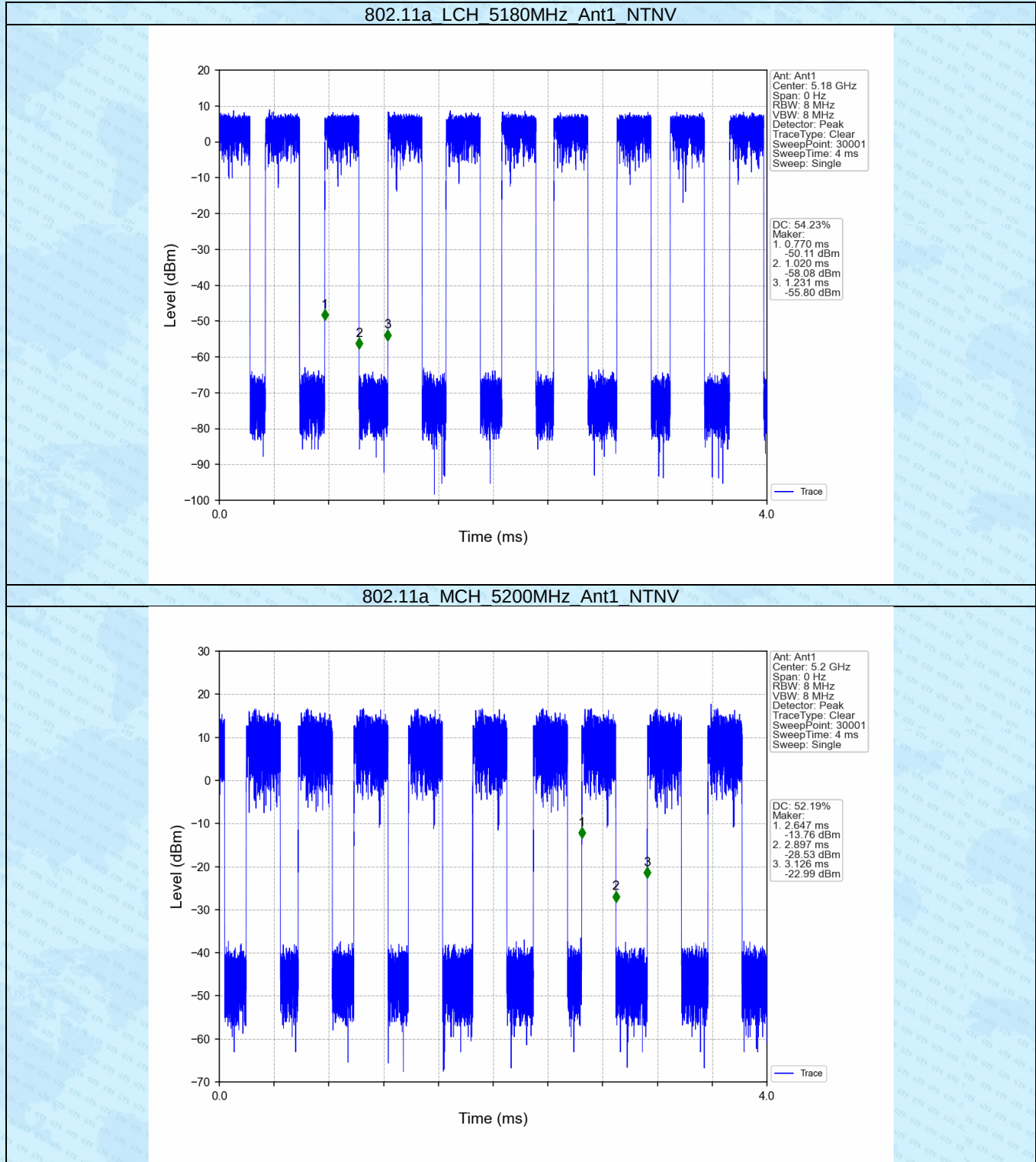
1. Duty Cycle

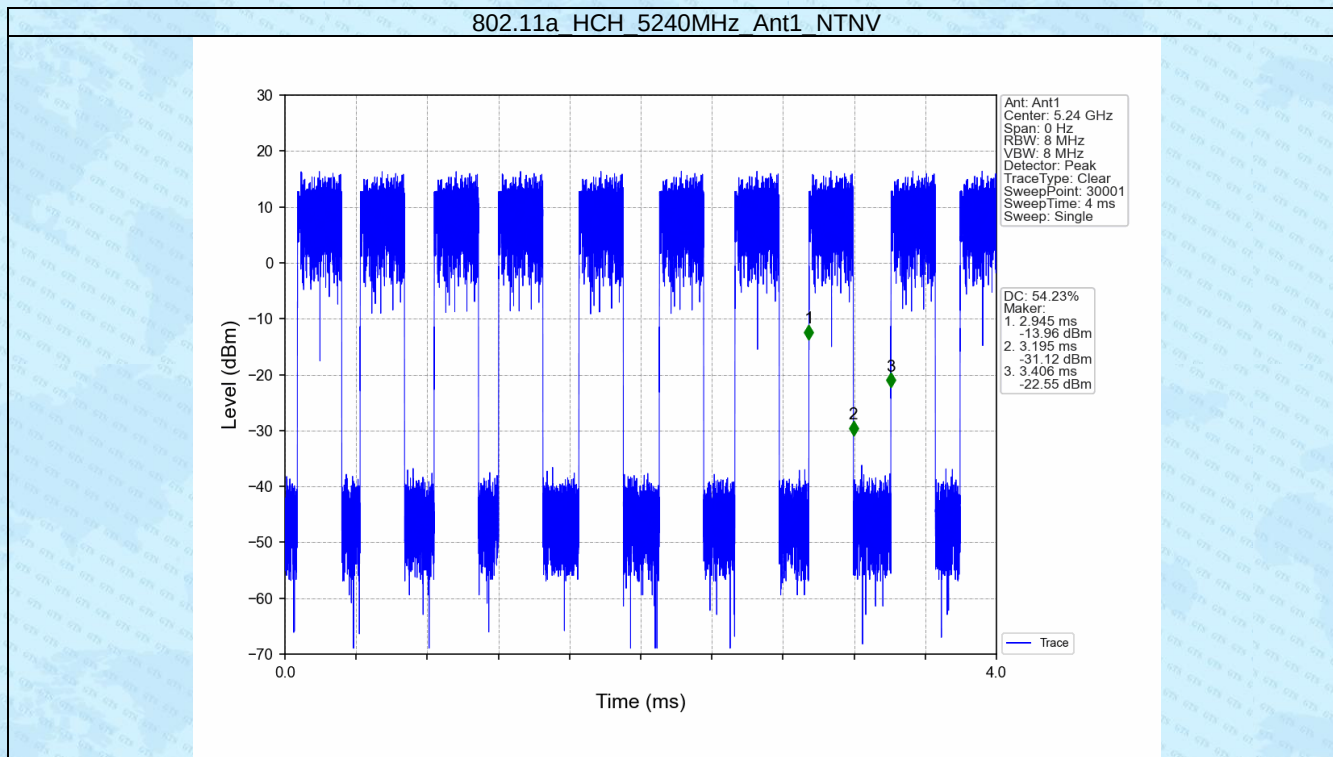
1.1 Test Result

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	0.250	0.461	54.23	2.66	11.61
		5200	0.250	0.479	52.19	2.82	18.64
		5240	0.250	0.461	54.23	2.66	16.59
802.11n (HT20)	SISO	5180	0.230	0.441	52.15	2.83	18.81
		5200	0.230	0.459	50.11	3.00	15.43
		5240	0.230	0.459	50.11	3.00	18.95
802.11n (HT40)	SISO	5190	0.129	0.359	35.93	4.45	21.81
		5230	0.130	0.404	32.18	4.92	23.62
802.11ac (VHT20)	SISO	5180	0.202	0.446	45.29	3.44	17.82
		5200	0.202	0.455	44.40	3.53	18.72
		5240	0.202	0.437	46.22	3.35	16.91
802.11ac (VHT40)	SISO	5190	0.113	0.367	30.79	5.12	18.09
		5230	0.114	0.514	22.18	6.54	23.38
802.11ac (VHT80)	SISO	5210	0.074	0.327	22.63	6.45	15.98

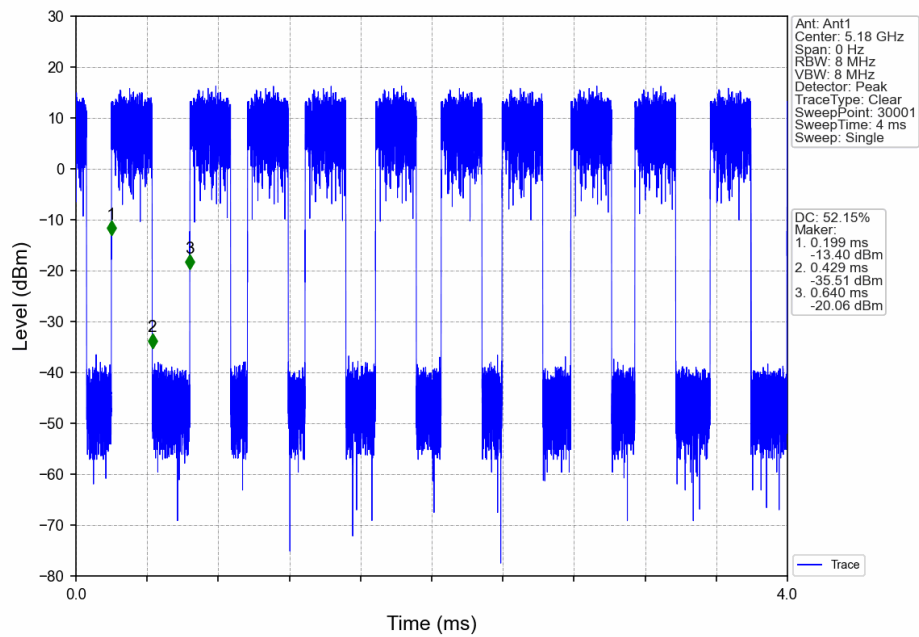
Ant2							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	0.250	0.479	52.19	2.82	20.45
		5200	0.250	0.470	53.19	2.74	11.08
		5240	0.249	0.672	37.05	4.31	35.45
802.11n (HT20)	SISO	5180	0.229	0.459	49.89	3.02	18.96
		5200	0.230	0.432	53.24	2.74	12.30
		5240	0.229	0.450	50.89	2.93	19.85
802.11n (HT40)	SISO	5190	0.130	0.359	36.21	4.41	13.81
		5230	0.130	0.350	37.14	4.30	20.83
802.11ac (VHT20)	SISO	5180	0.202	0.455	44.40	3.53	13.87
		5200	0.202	0.653	30.93	5.10	28.83
		5240	0.202	0.455	44.40	3.53	17.00
802.11ac (VHT40)	SISO	5190	0.130	0.359	36.21	4.41	21.88
		5230	0.130	0.359	36.21	4.41	19.54
802.11ac (VHT80)	SISO	5210	0.077	0.318	24.21	6.16	14.18

1.2 Test Graph

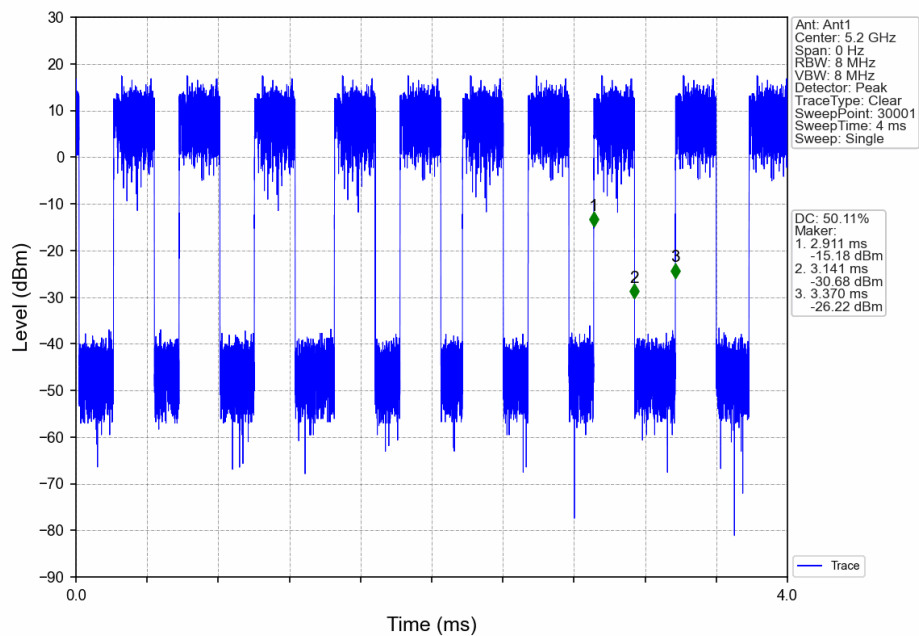




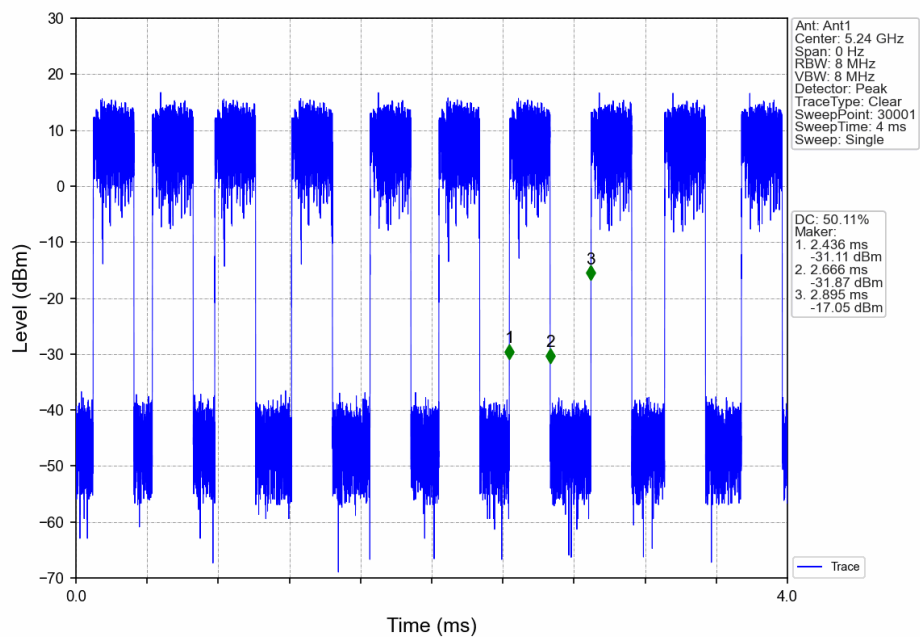
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



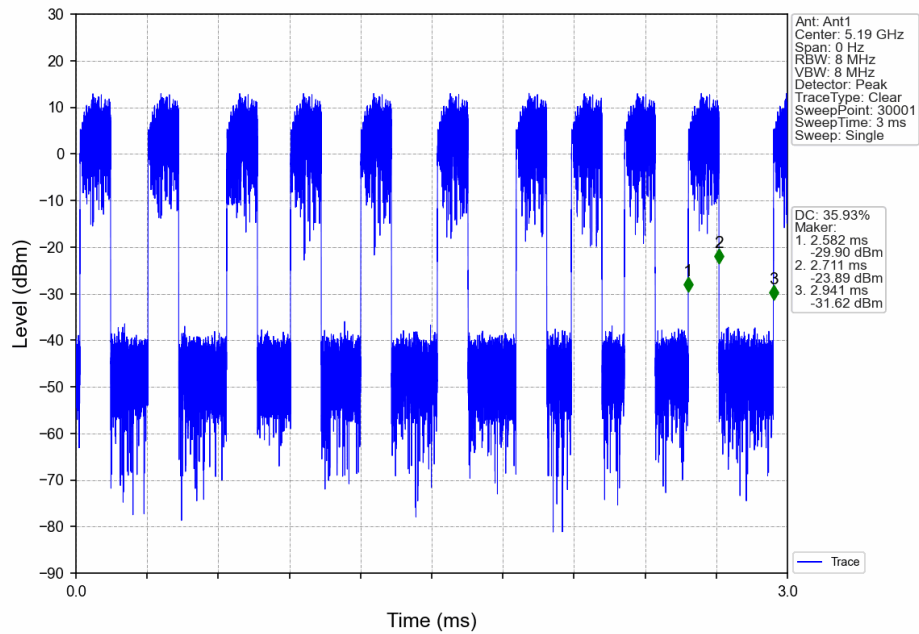
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



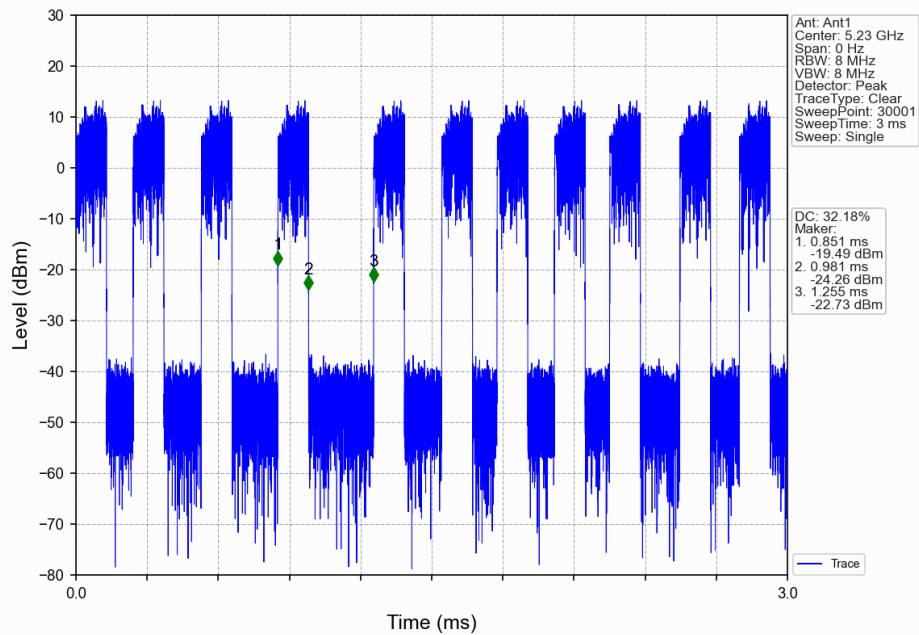
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



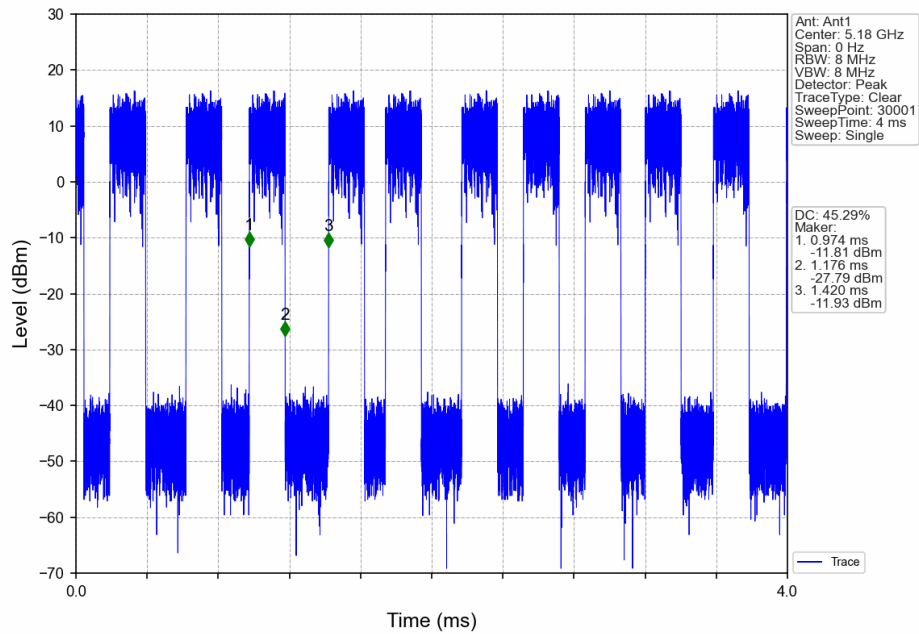
802.11n(HT40) LCH 5190MHz Ant1 NTNv



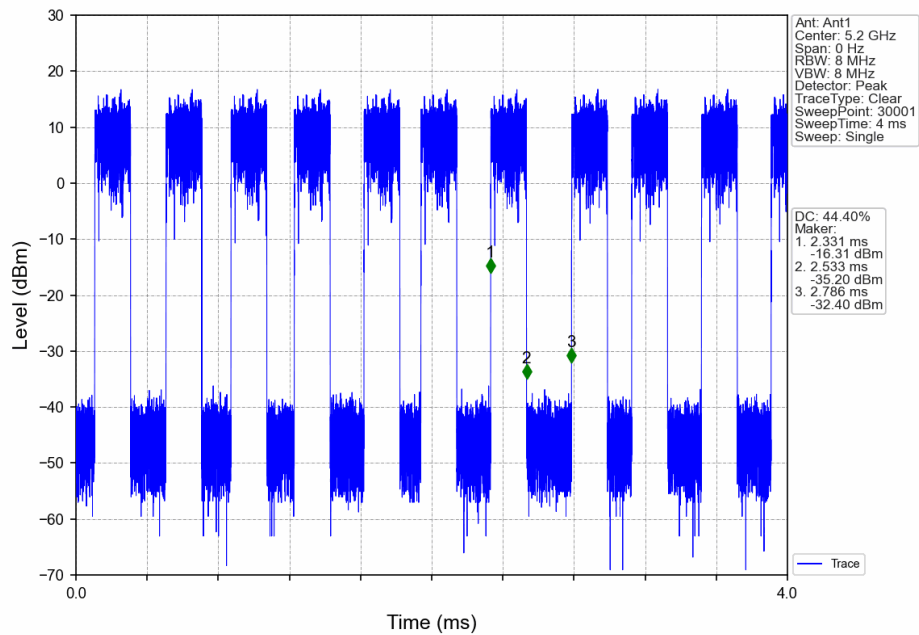
802.11n(HT40) HCH 5230MHz Ant1 NTNv



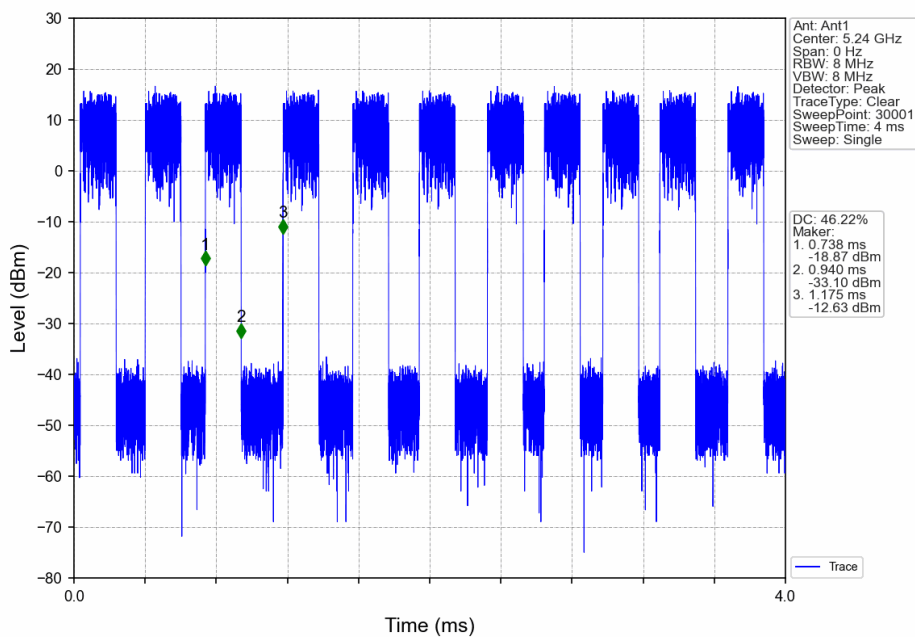
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



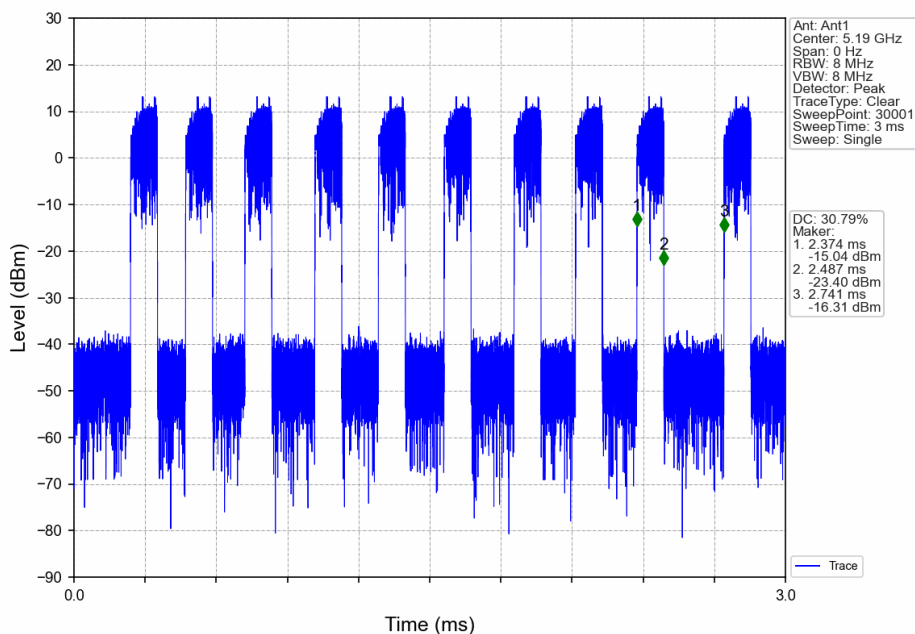
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



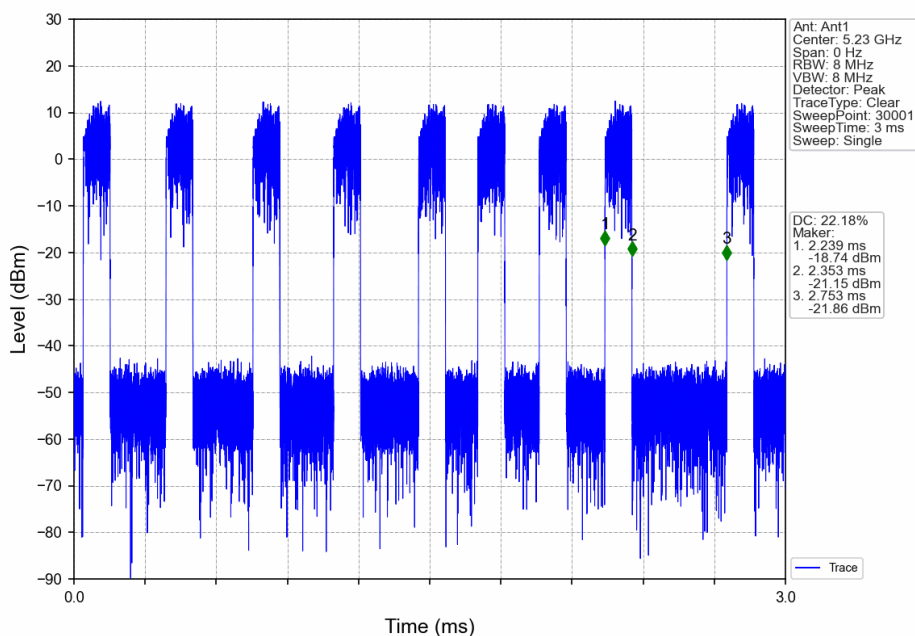
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

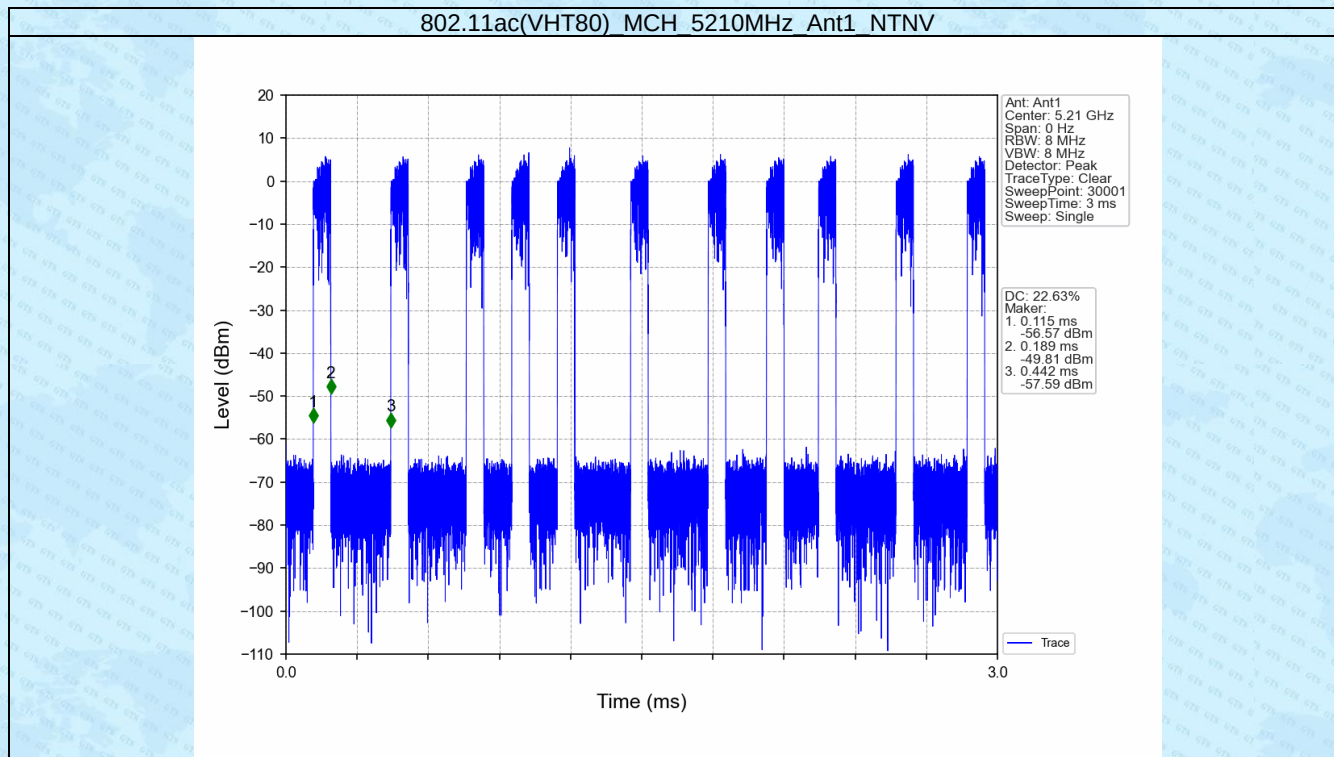


802.11ac(VHT40) LCH 5190MHz Ant1 NTV

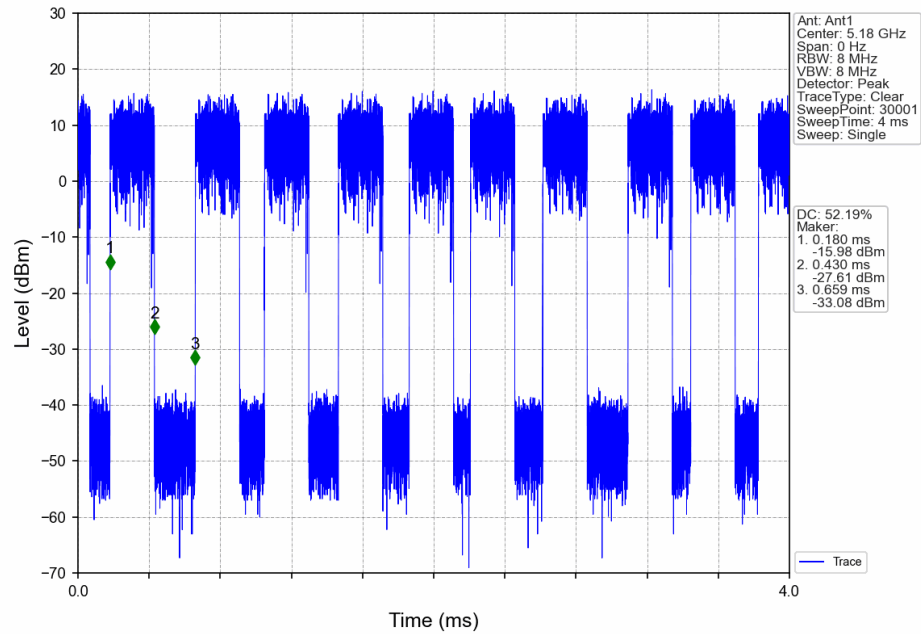


802.11ac(VHT40) HCH 5230MHz Ant1 NTV

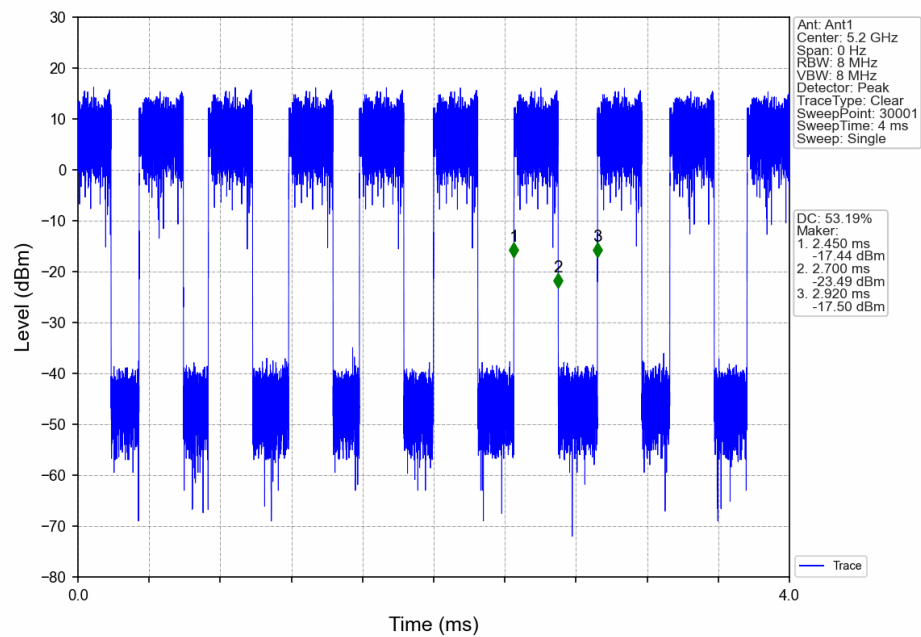




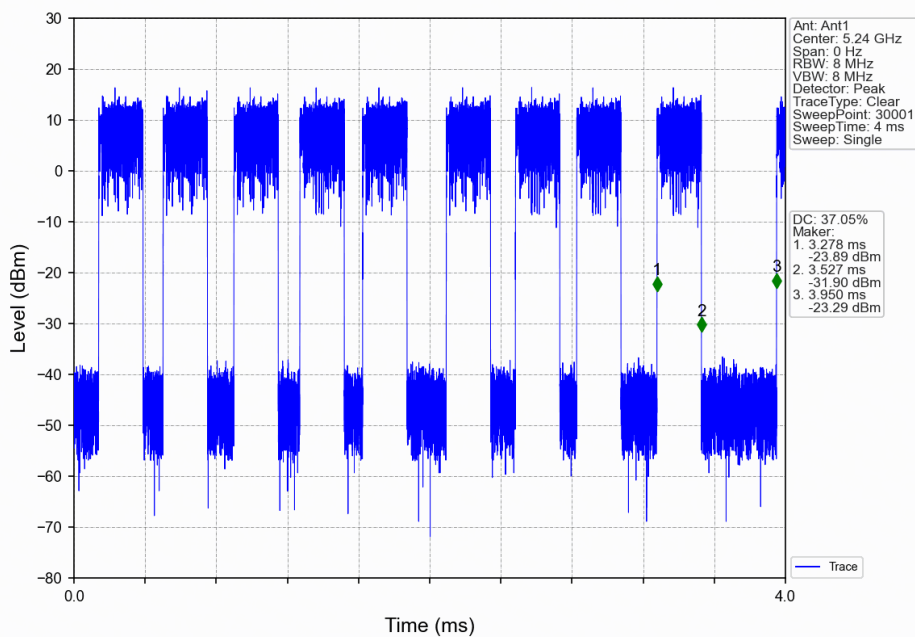
802.11a_LCH_5180MHz_Ant2_NTNV



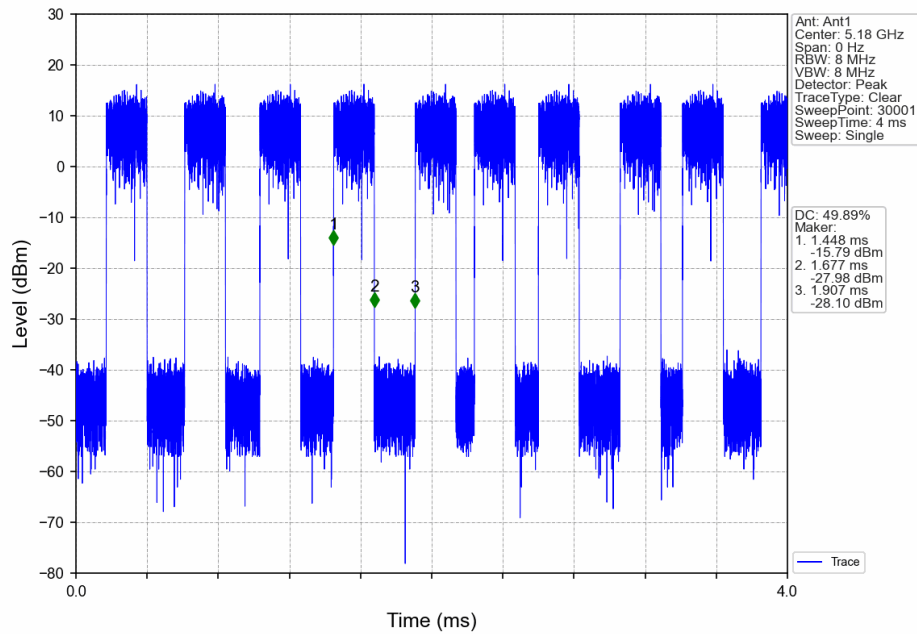
802.11a_MCH_5200MHz_Ant2_NTNV



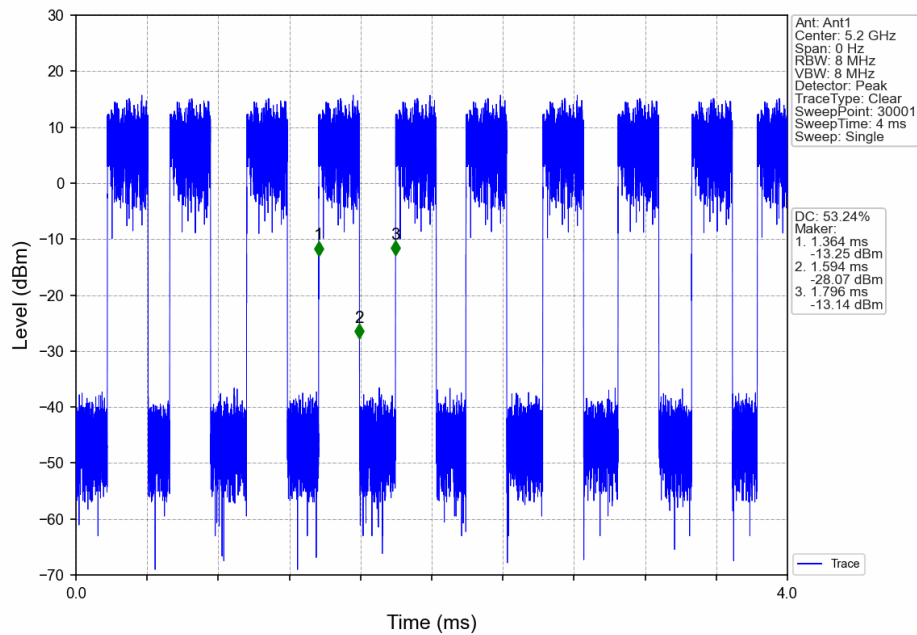
802.11a_HCH_5240MHz_Ant2_NTNV



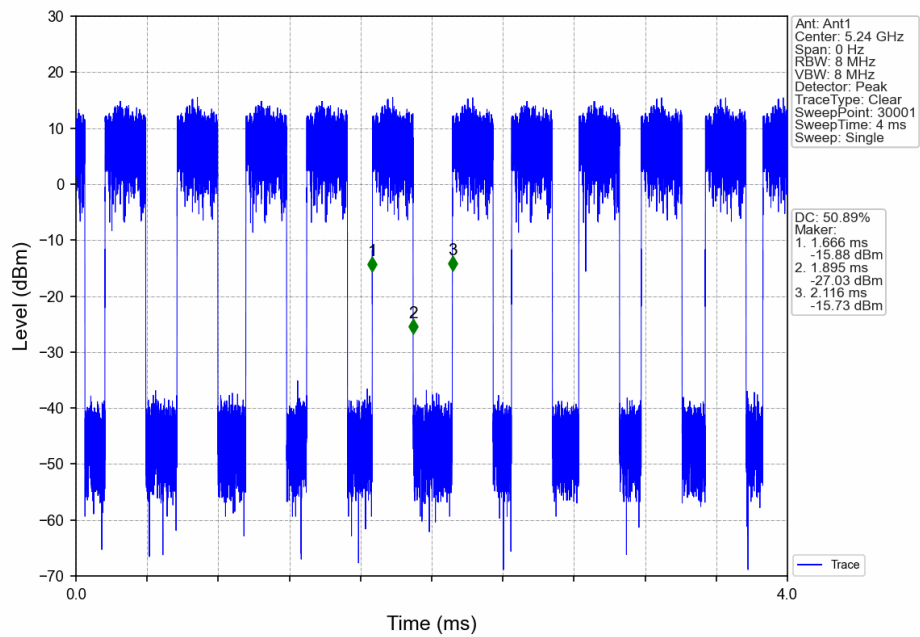
802.11n(HT20) LCH 5180MHz Ant2 NTN



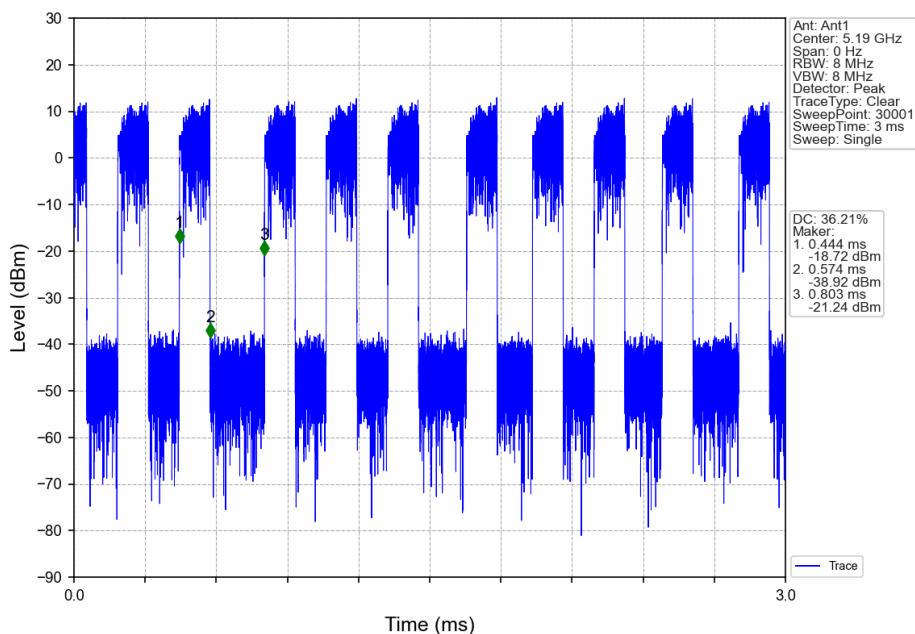
802.11n(HT20) MCH 5200MHz Ant2 NTN



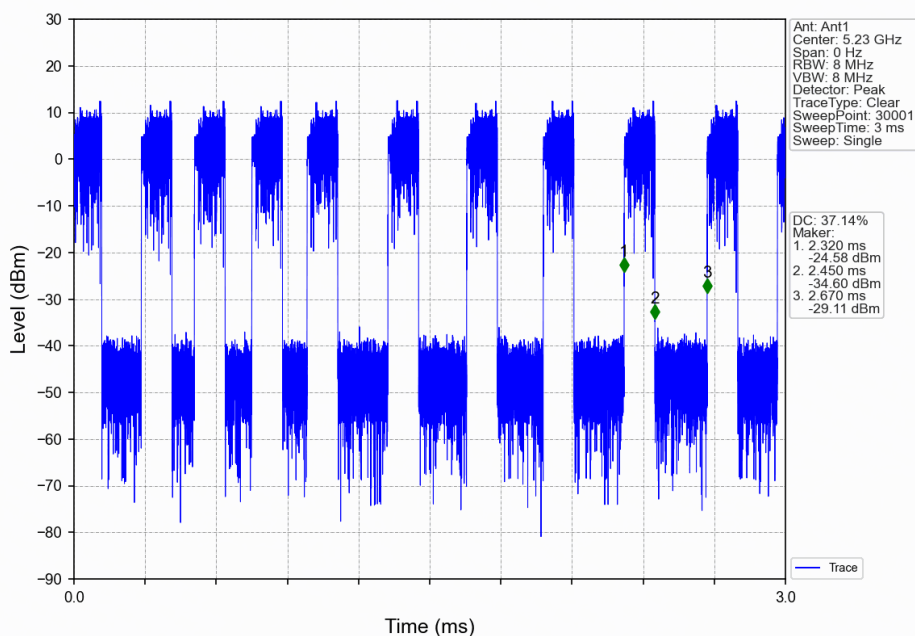
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



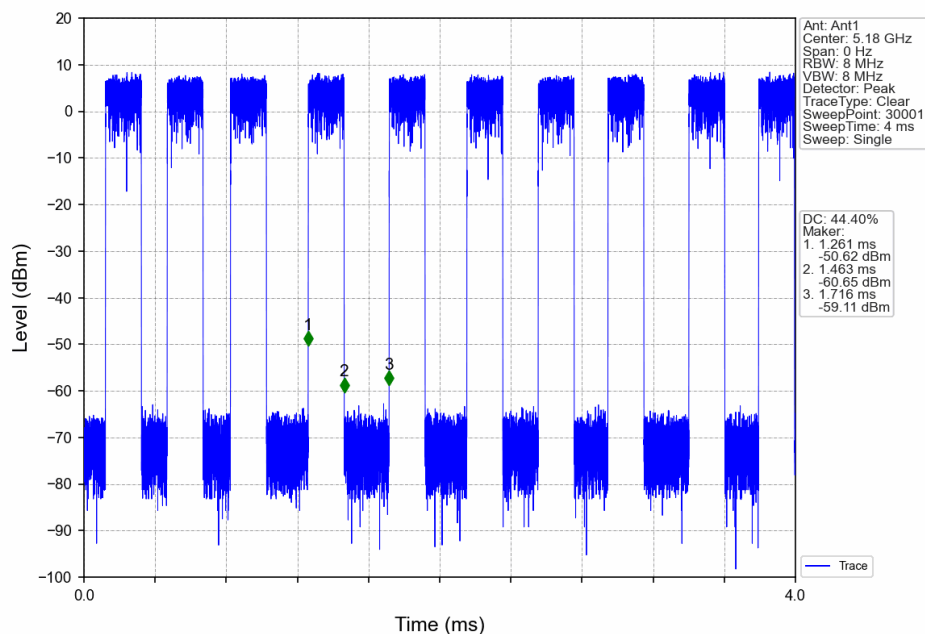
802.11n(HT40) LCH 5190MHz Ant2 NTN



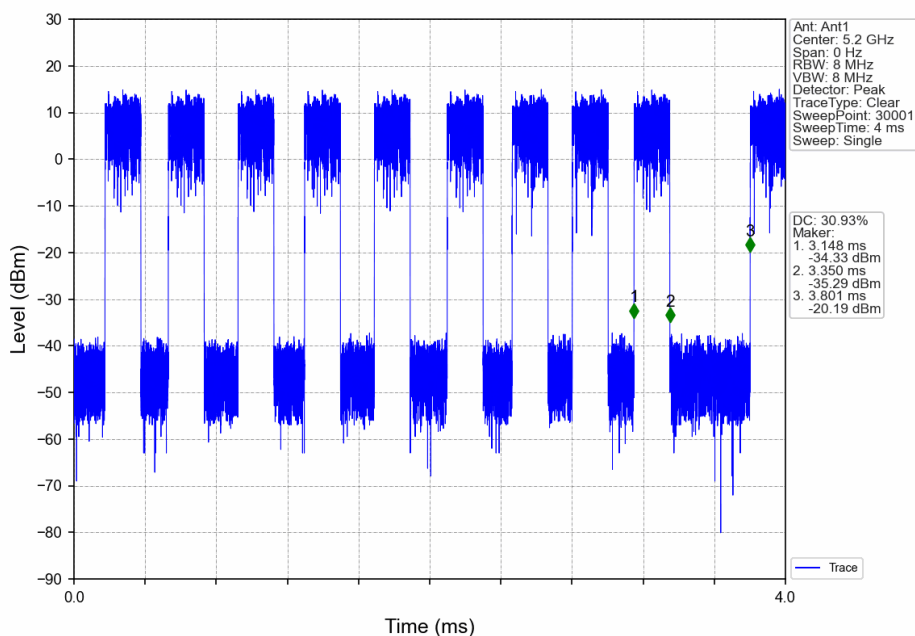
802.11n(HT40) HCH 5230MHz Ant2 NTN



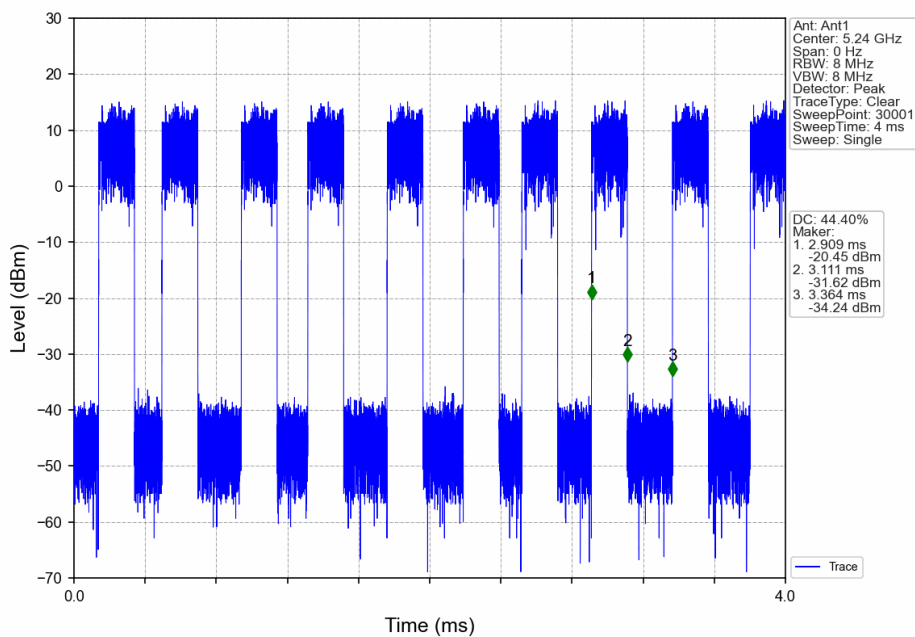
802.11ac(VHT20) LCH 5180MHz Ant2 NTN



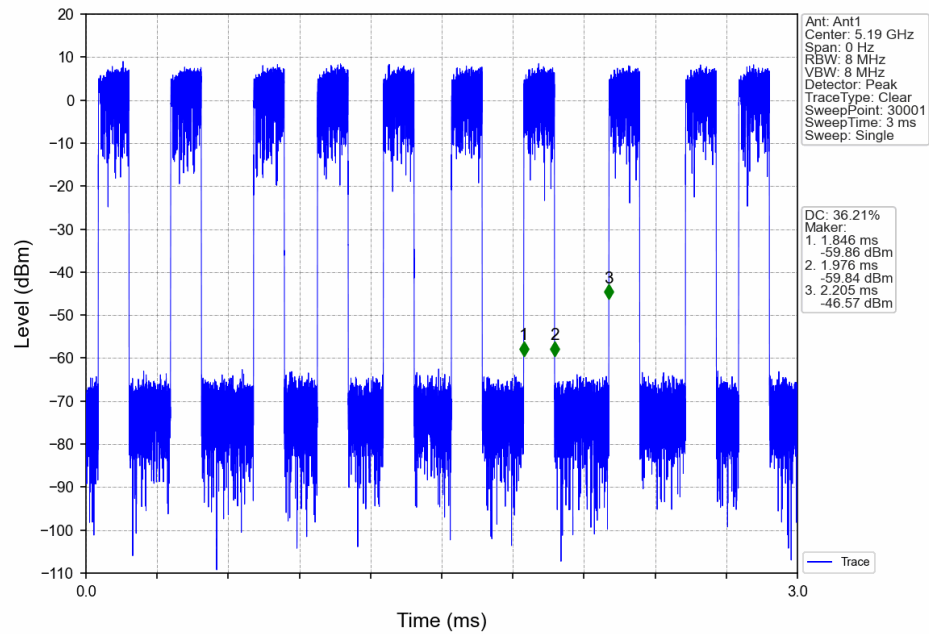
802.11ac(VHT20) MCH 5200MHz Ant2 NTN



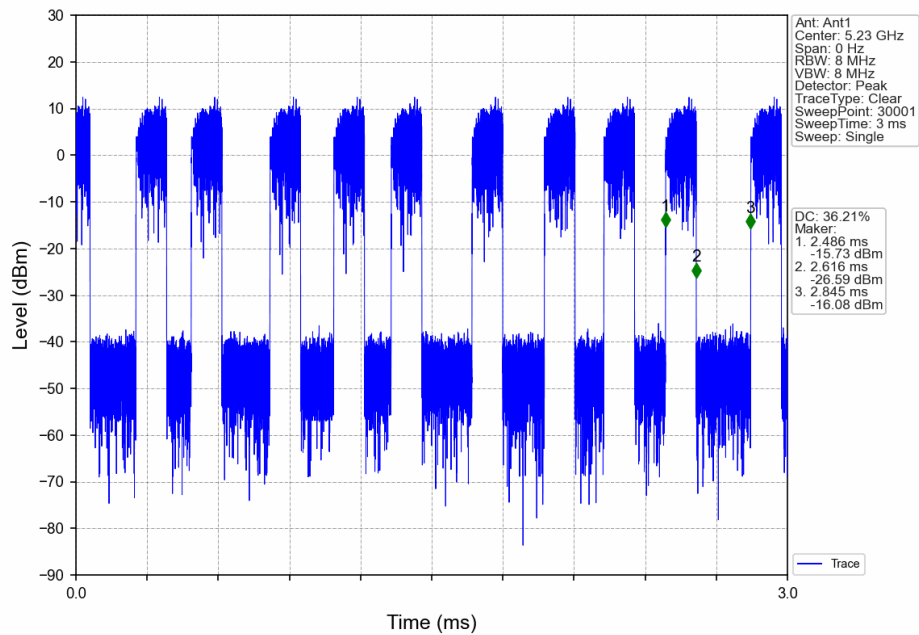
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

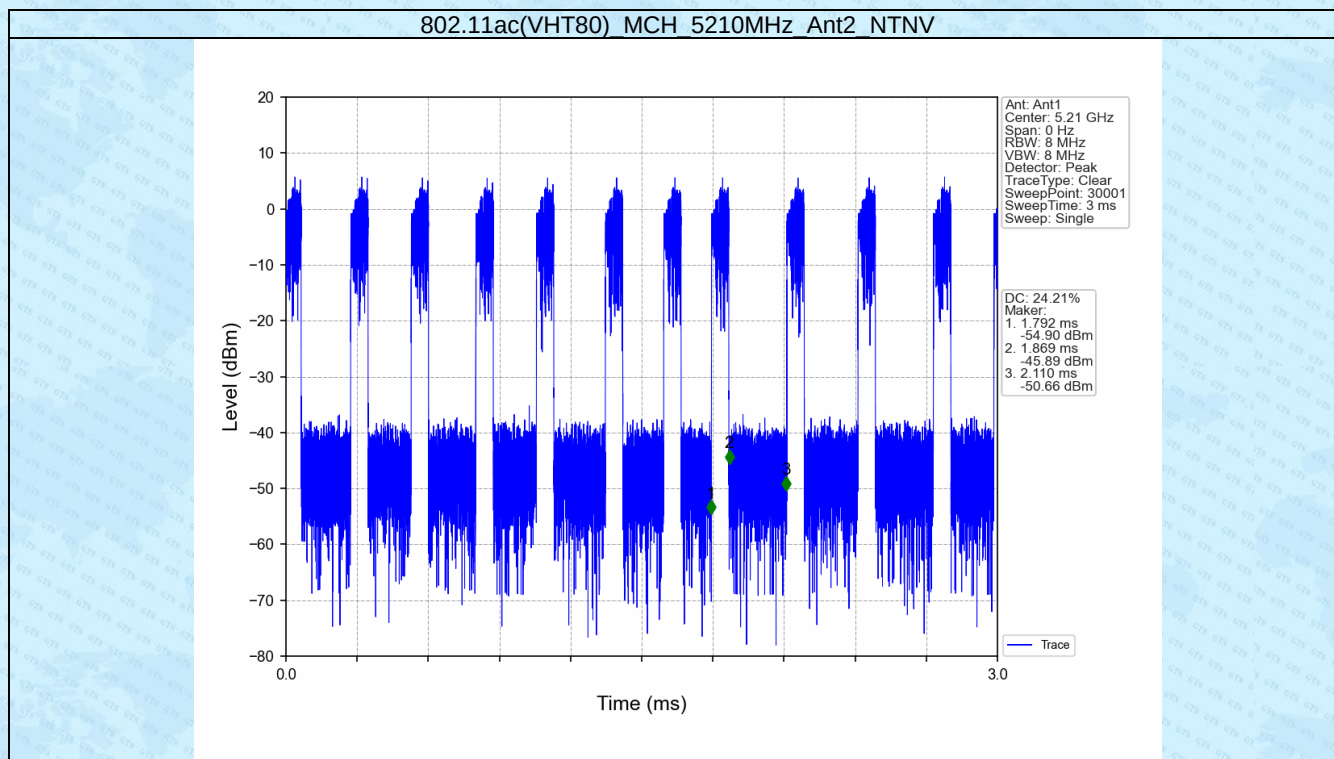


802.11ac(VHT40) LCH 5190MHz Ant2 NTNV



802.11ac(VHT40) HCH 5230MHz Ant2 NTNV





2. Bandwidth

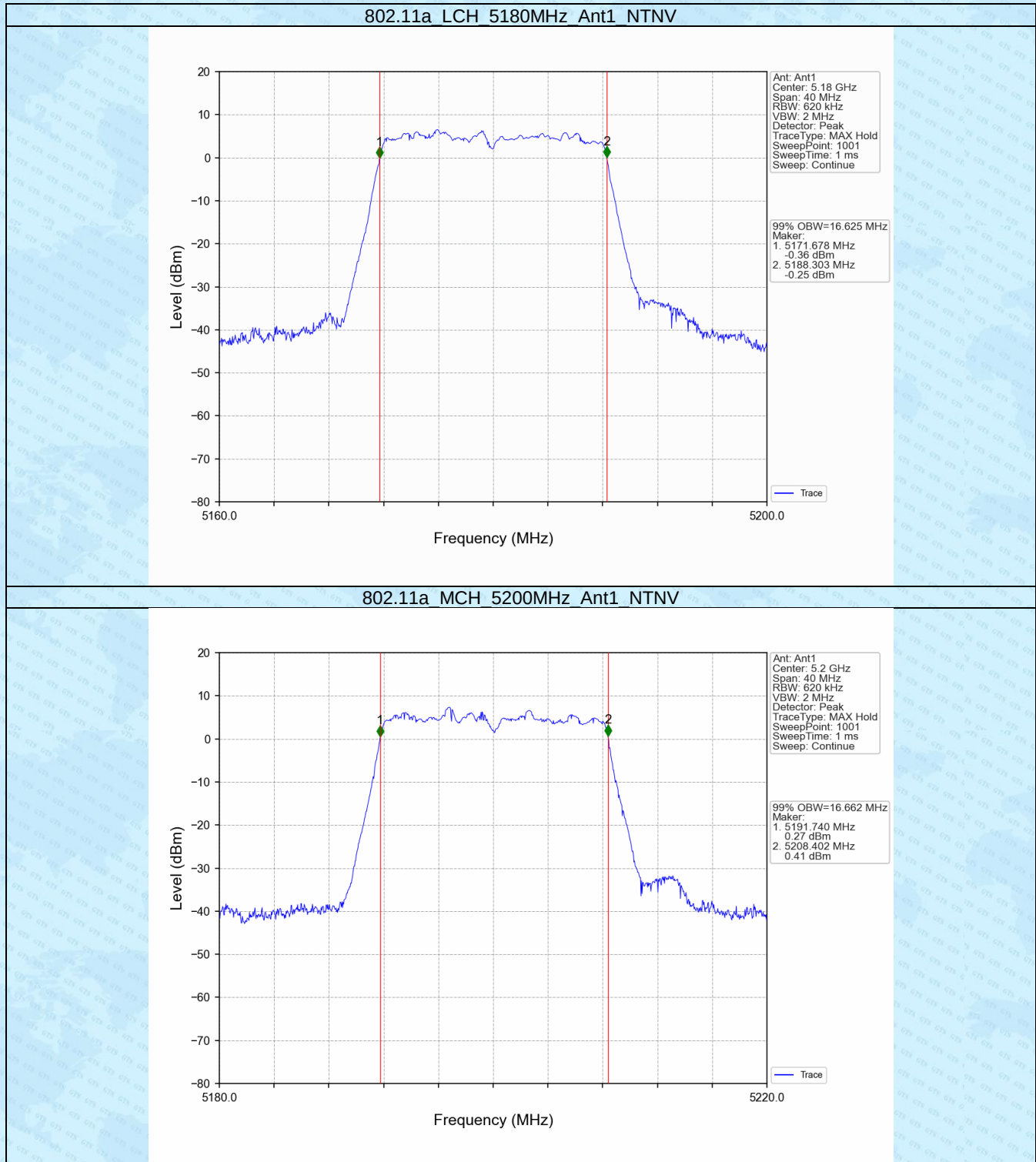
2.1 OBW

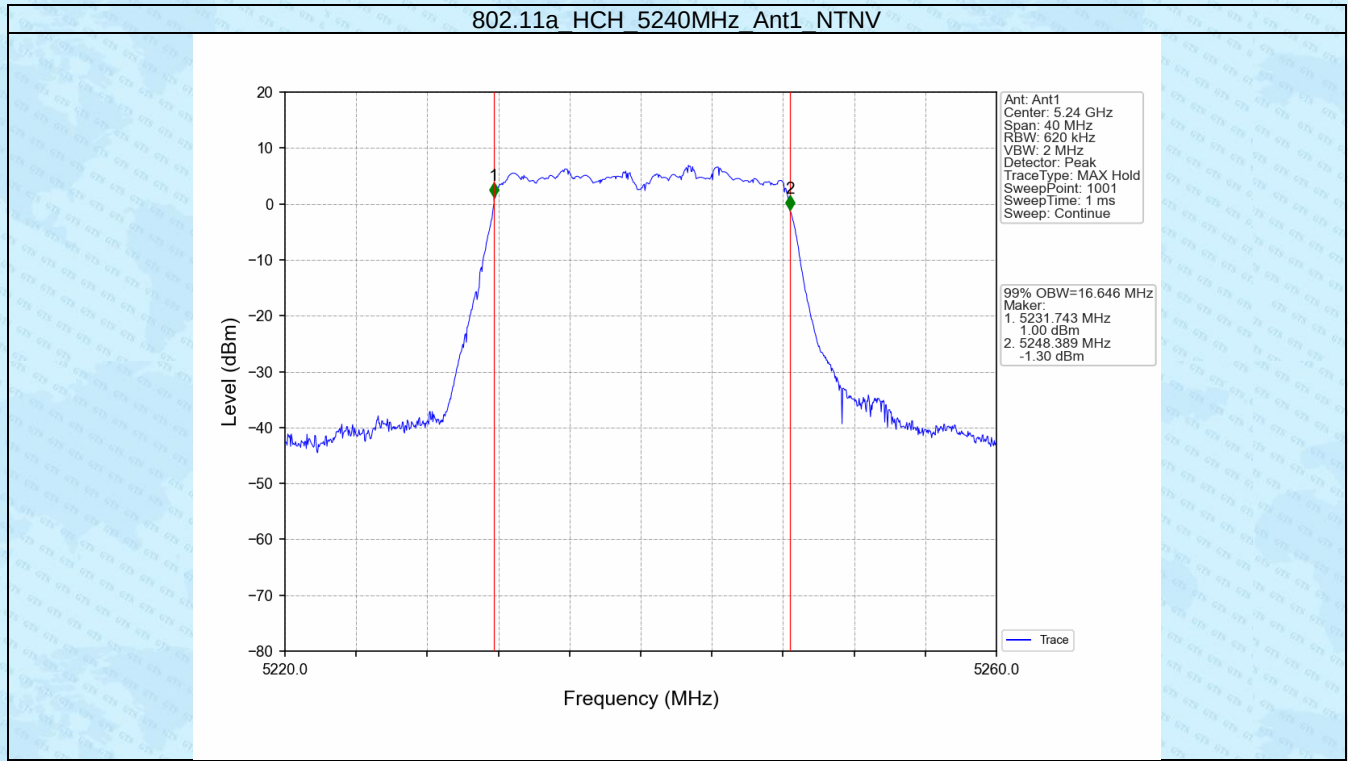
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	16.625	Pass
		5200	1	16.662	Pass
		5240	1	16.646	Pass
802.11n (HT20)	SISO	5180	1	17.818	Pass
		5200	1	17.873	Pass
		5240	1	17.810	Pass
802.11n (HT40)	SISO	5190	1	36.596	Pass
		5230	1	36.915	Pass
802.11ac (VHT20)	SISO	5180	1	17.804	Pass
		5200	1	17.820	Pass
		5240	1	17.767	Pass
802.11ac (VHT40)	SISO	5190	1	36.361	Pass
		5230	1	36.518	Pass
802.11ac (VHT80)	SISO	5210	1	75.677	Pass

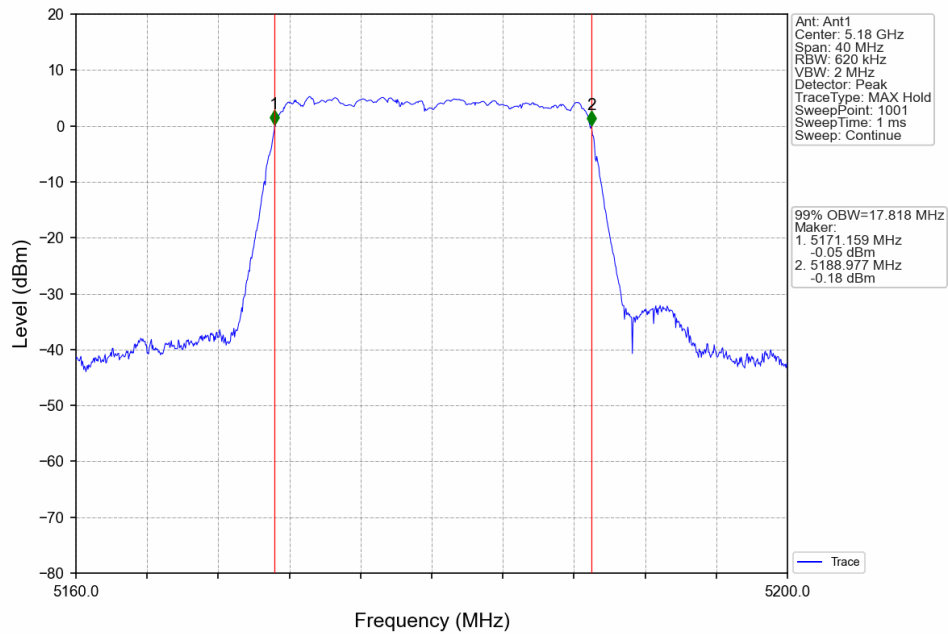
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	2	16.704	Pass
		5200	2	16.682	Pass
		5240	2	16.661	Pass
802.11n (HT20)	SISO	5180	2	17.793	Pass
		5200	2	17.937	Pass
		5240	2	17.802	Pass
802.11n (HT40)	SISO	5190	2	36.358	Pass
		5230	2	36.548	Pass
802.11ac (VHT20)	SISO	5180	2	17.806	Pass
		5200	2	17.815	Pass
		5240	2	17.890	Pass
802.11ac (VHT40)	SISO	5190	2	36.376	Pass
		5230	2	36.423	Pass
802.11ac (VHT80)	SISO	5210	2	75.926	Pass

2.1.2 Test Graph

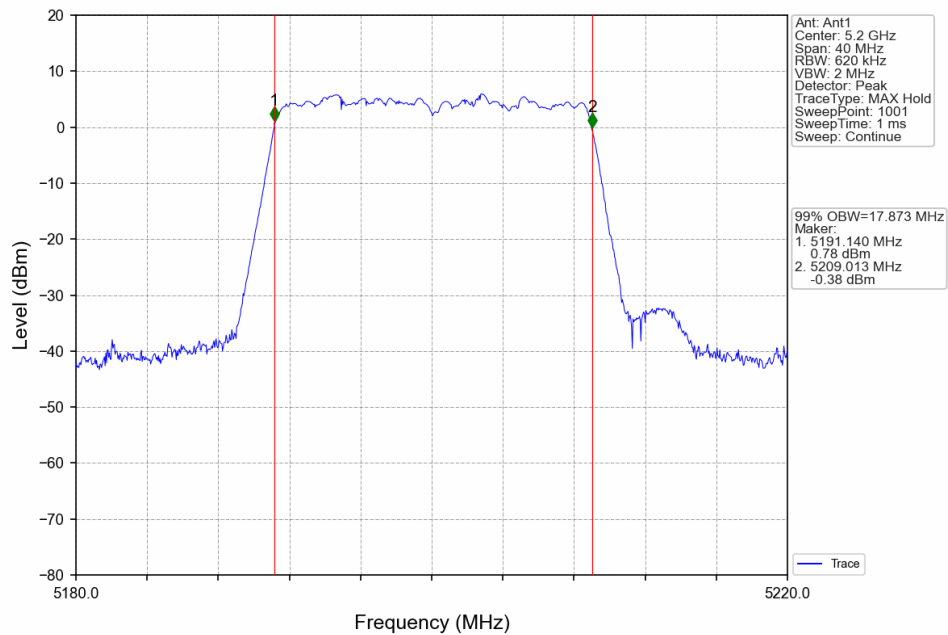




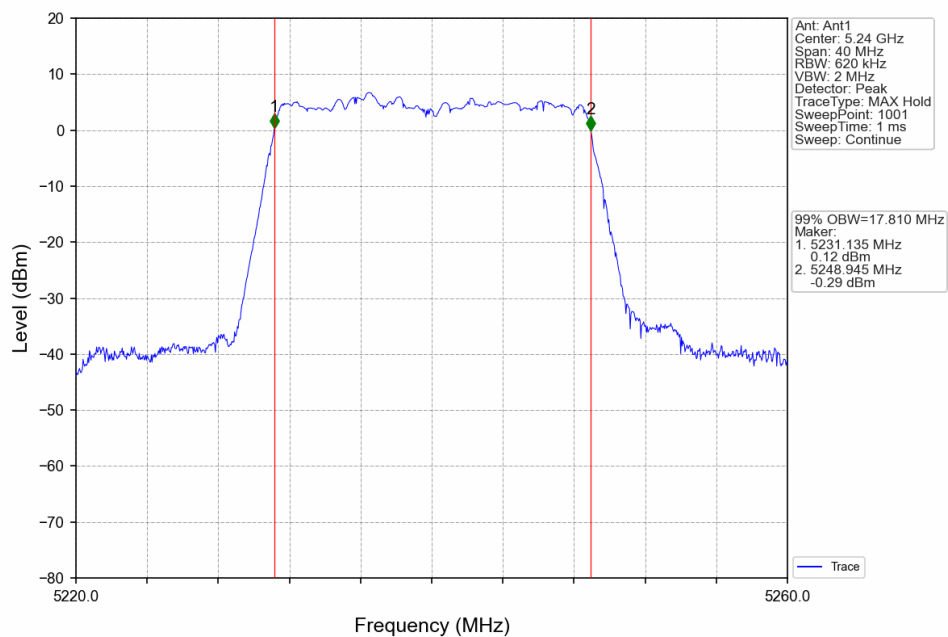
802.11n(HT20) LCH 5180MHz Ant1 NTN



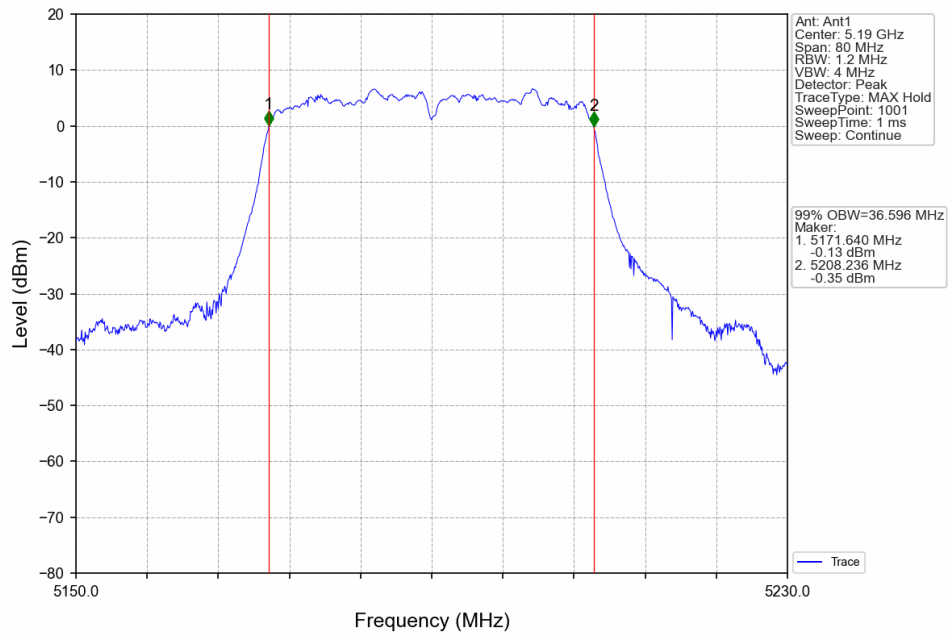
802.11n(HT20) MCH 5200MHz Ant1 NTN



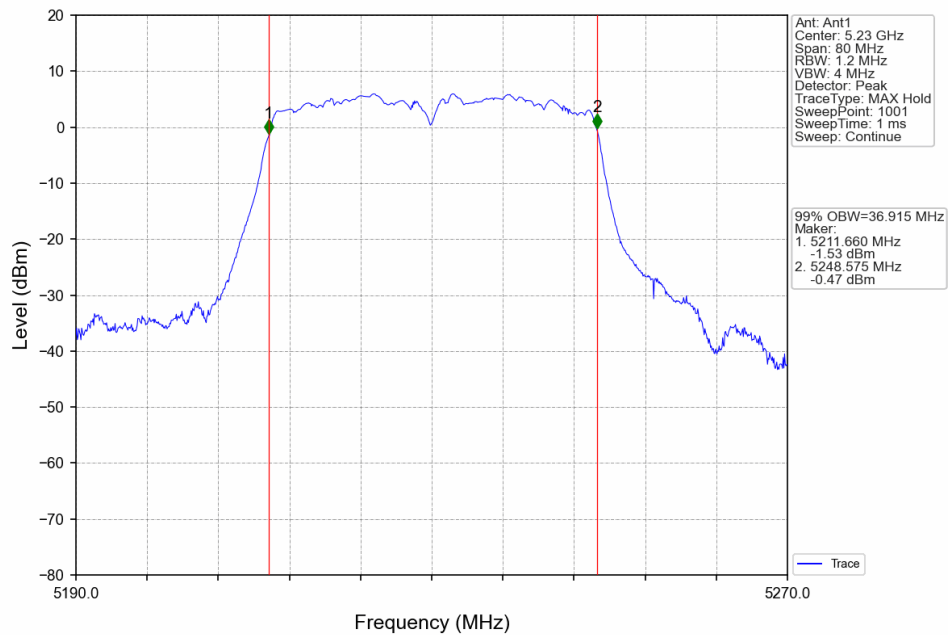
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



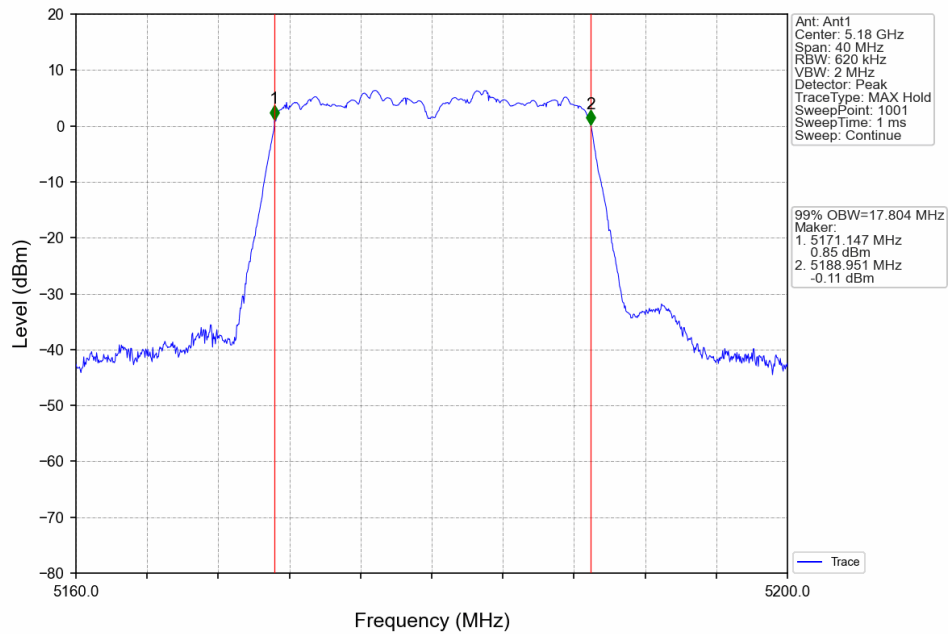
802.11n(HT40) LCH 5190MHz Ant1 NTN



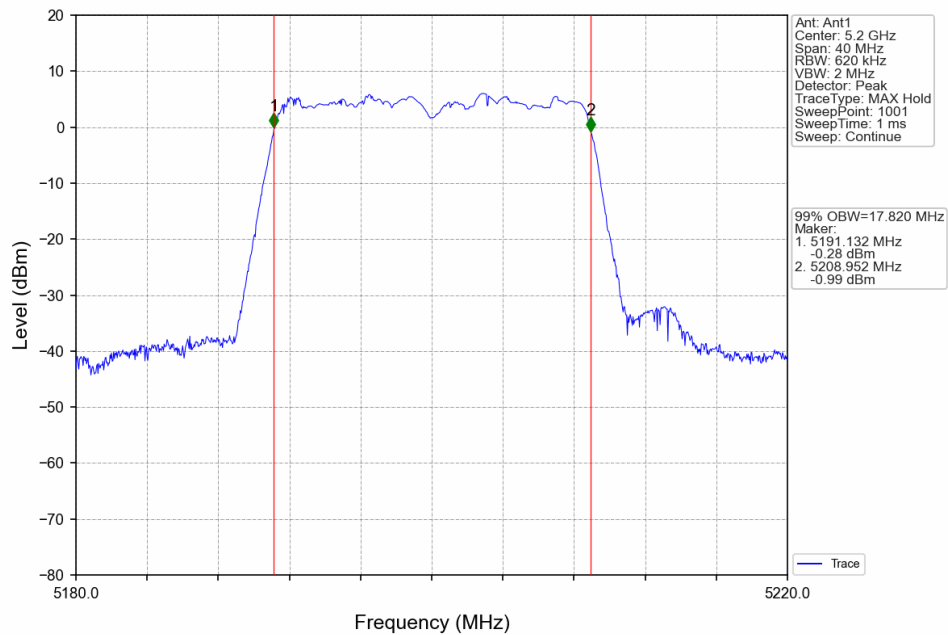
802.11n(HT40) HCH 5230MHz Ant1 NTN

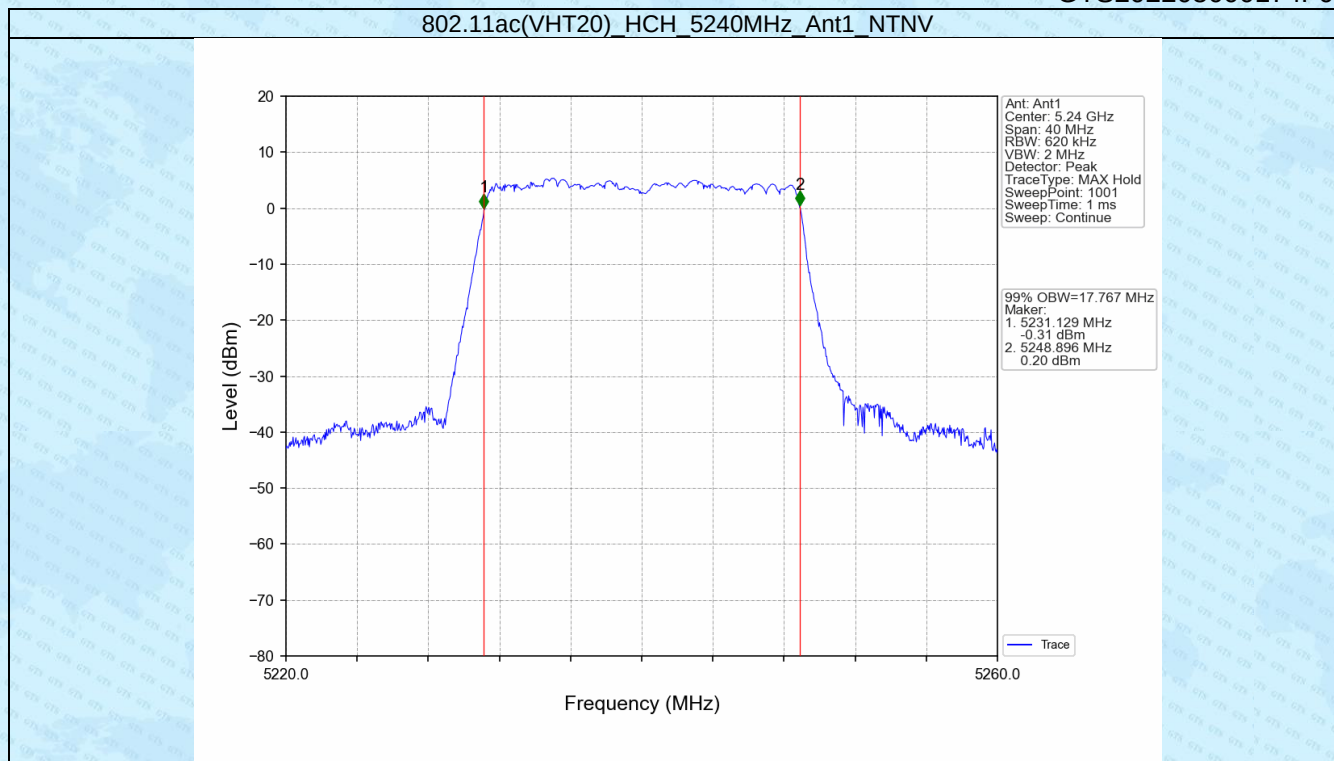


802.11ac(VHT20) LCH 5180MHz Ant1 NTNV

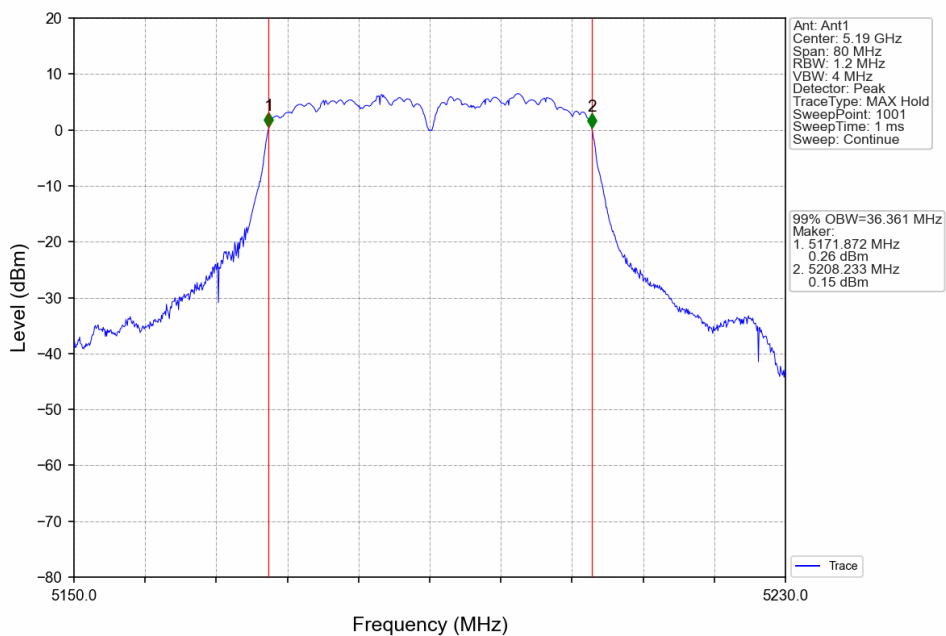


802.11ac(VHT20) MCH 5200MHz Ant1 NTNV

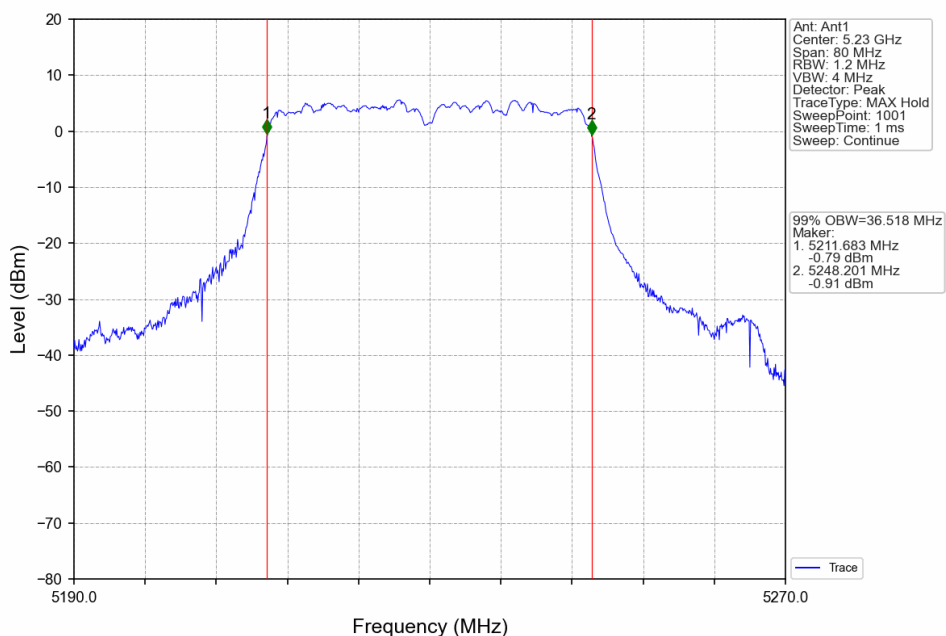


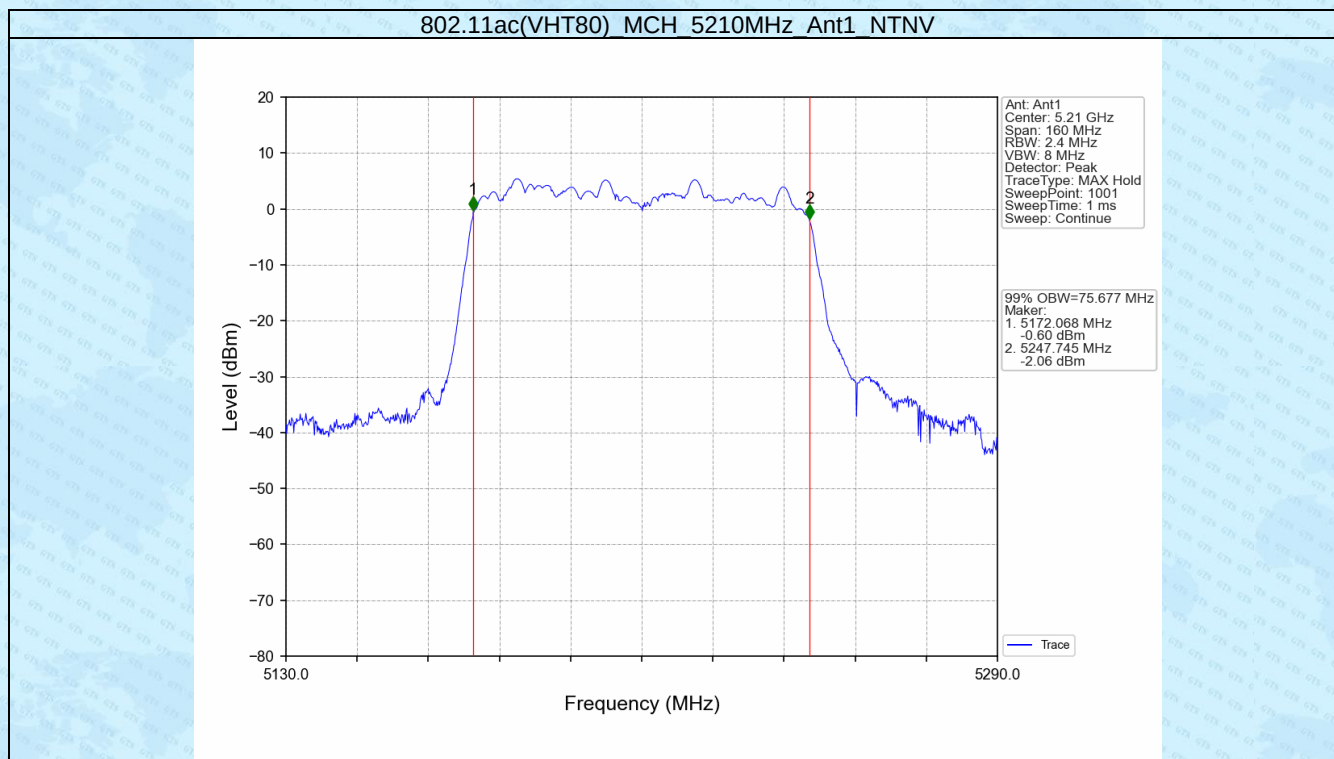


802.11ac(VHT40) LCH 5190MHz Ant1 NTN

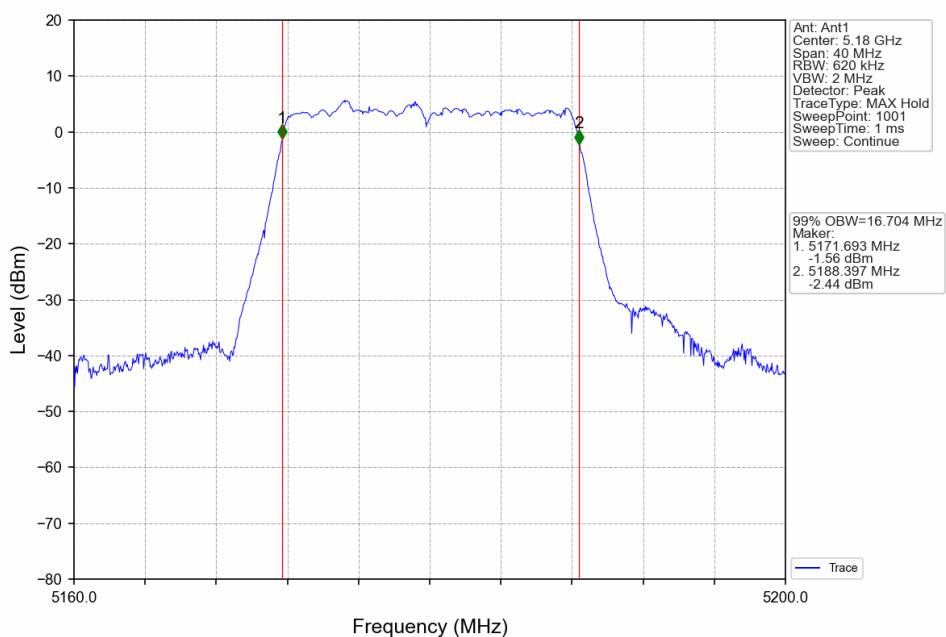


802.11ac(VHT40) HCH 5230MHz Ant1 NTN

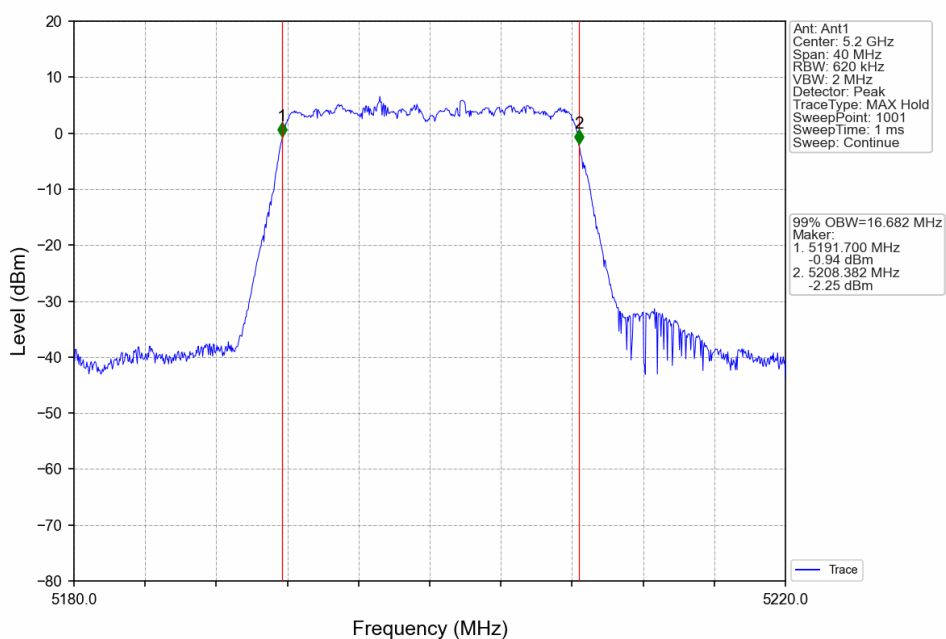


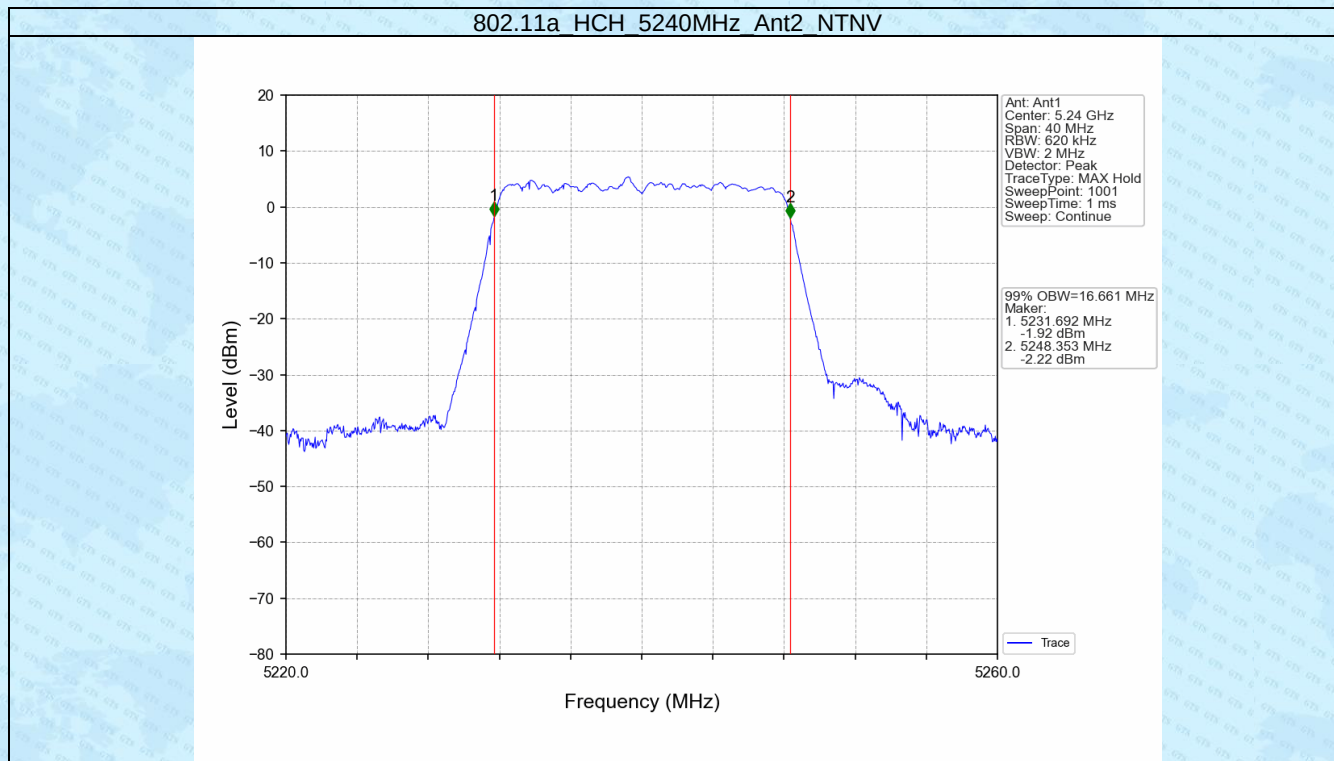


802.11a LCH 5180MHz Ant2 NTNV

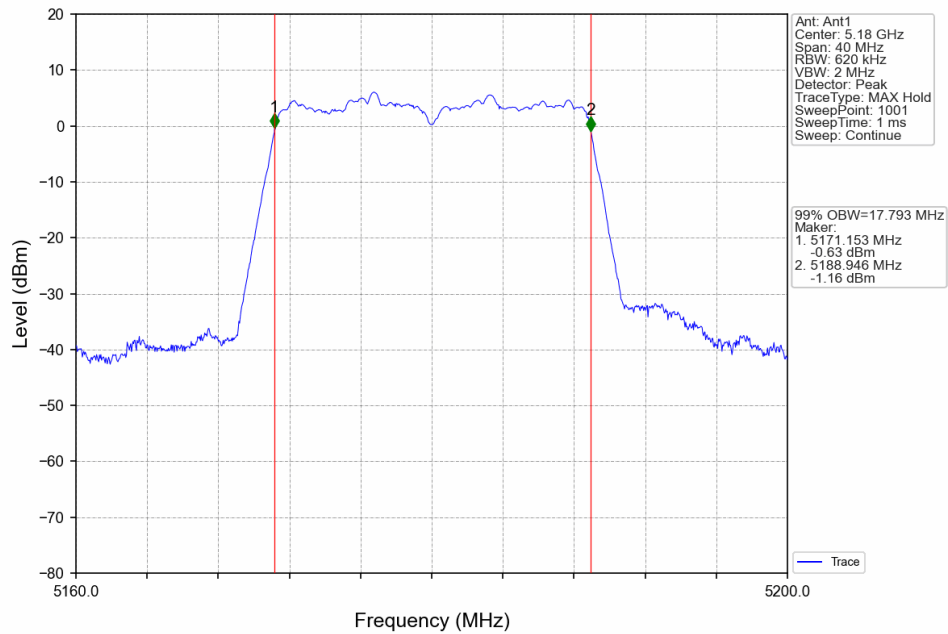


802.11a MCH 5200MHz Ant2 NTNV

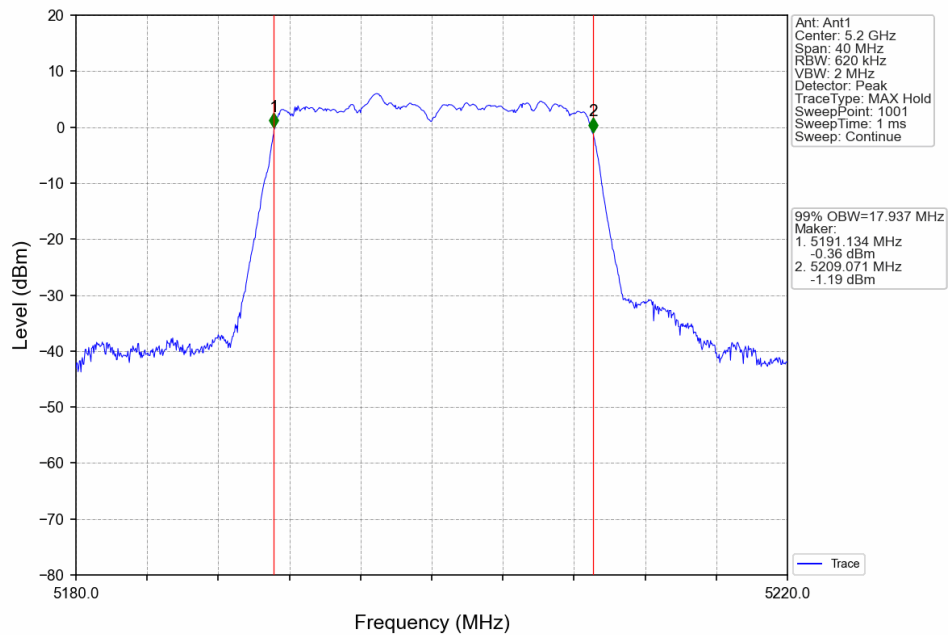




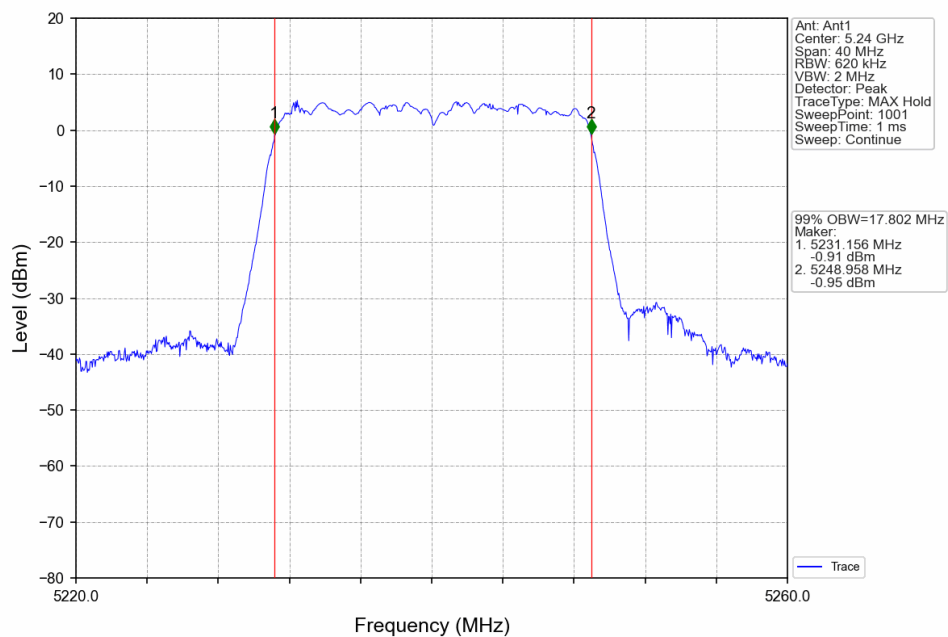
802.11n(HT20) LCH 5180MHz Ant2 NTN



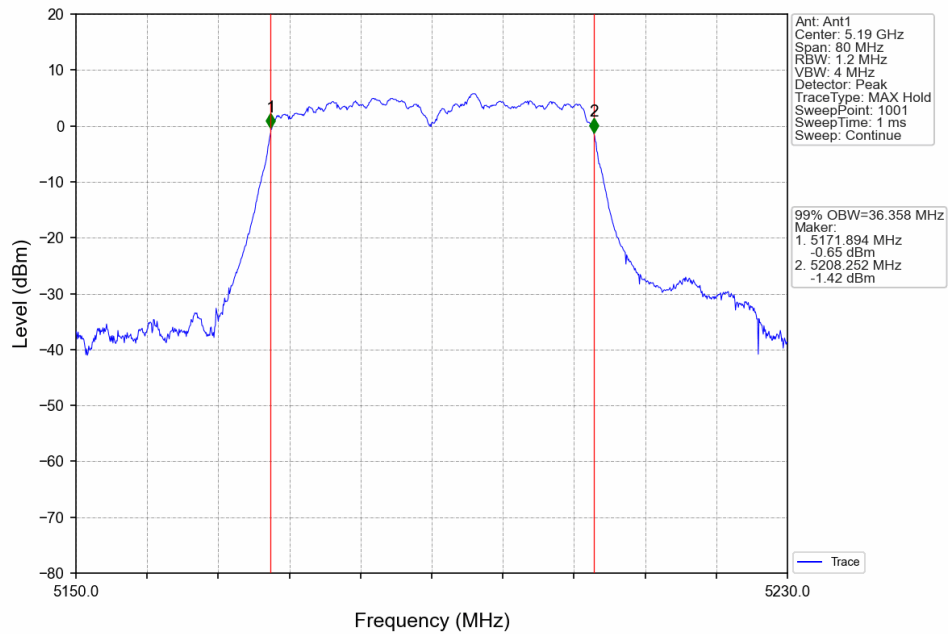
802.11n(HT20) MCH 5200MHz Ant2 NTN



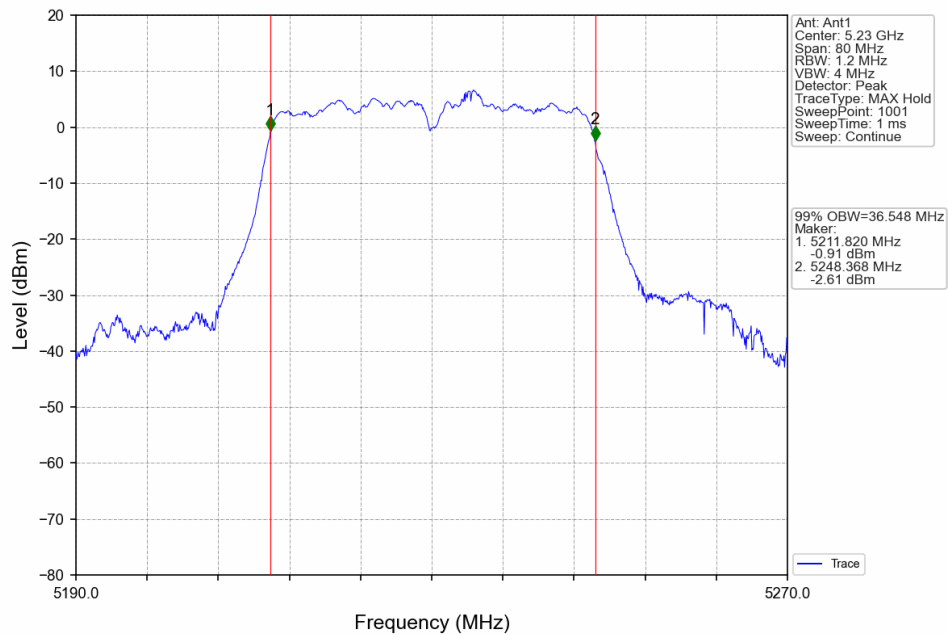
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



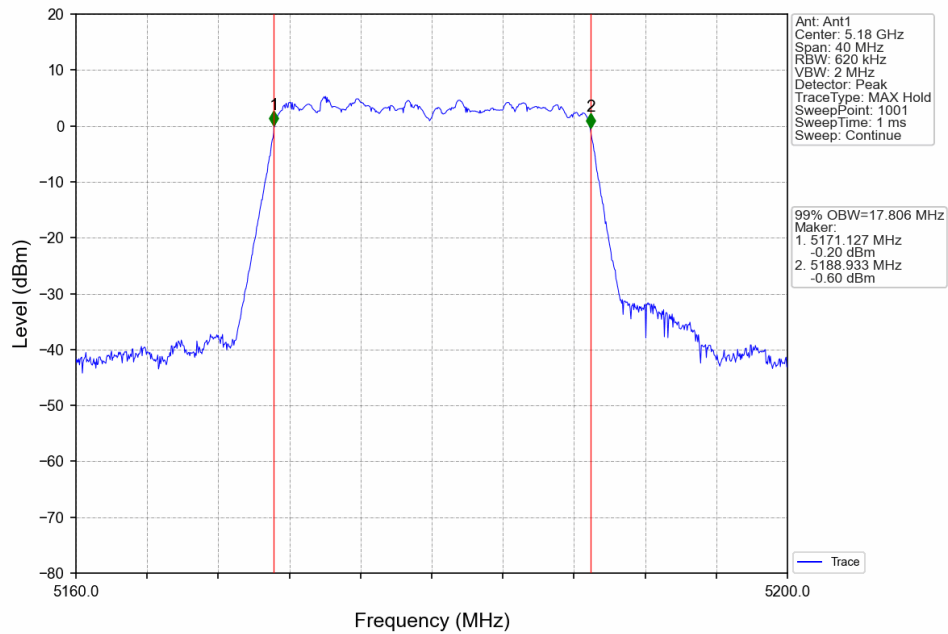
802.11n(HT40) LCH 5190MHz Ant2 NTN



802.11n(HT40) HCH 5230MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz Ant2 NTN



802.11ac(VHT20) MCH 5200MHz Ant2 NTN

