

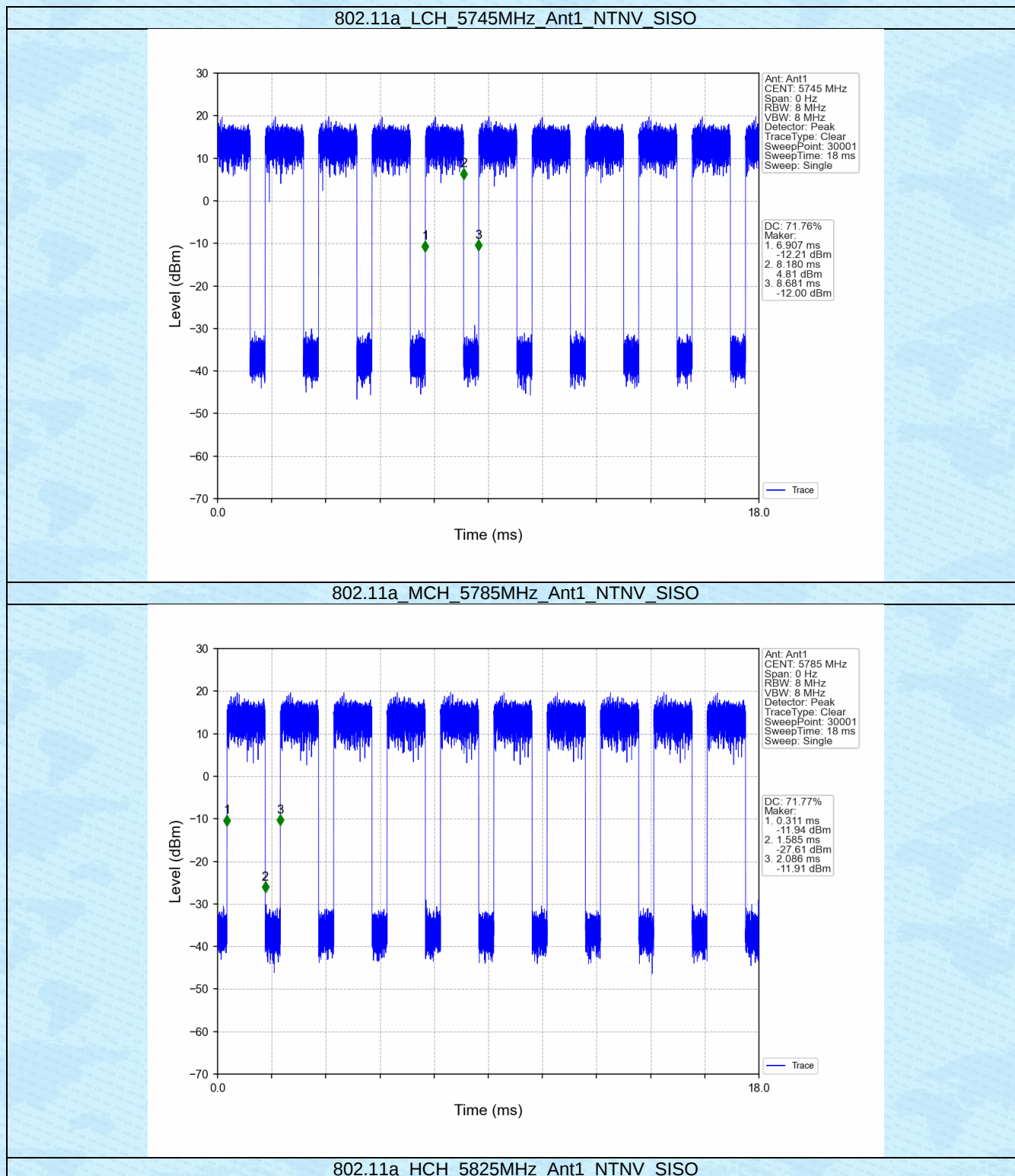
1. Duty Cycle

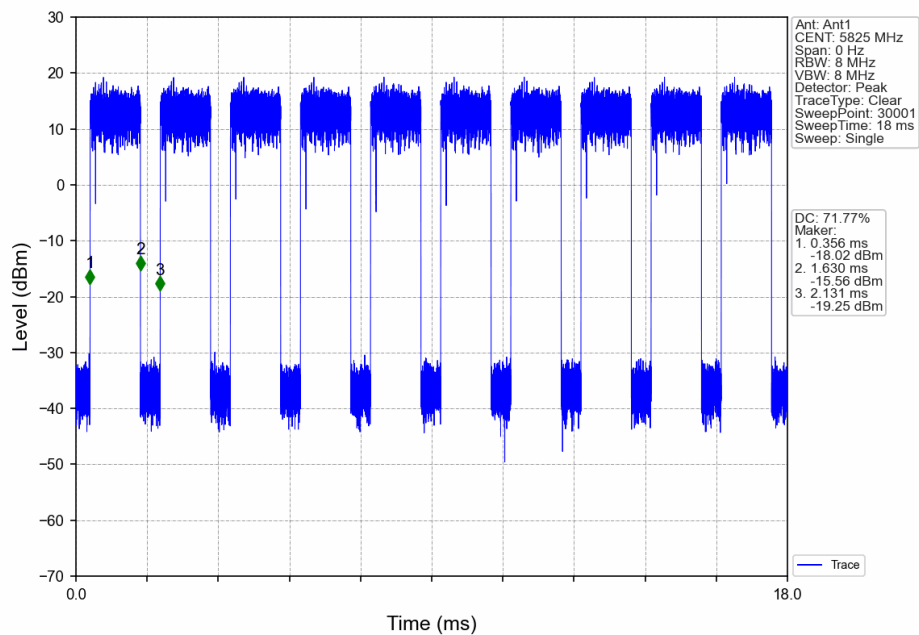
1.1 Ant1

1.1.1 Test Result

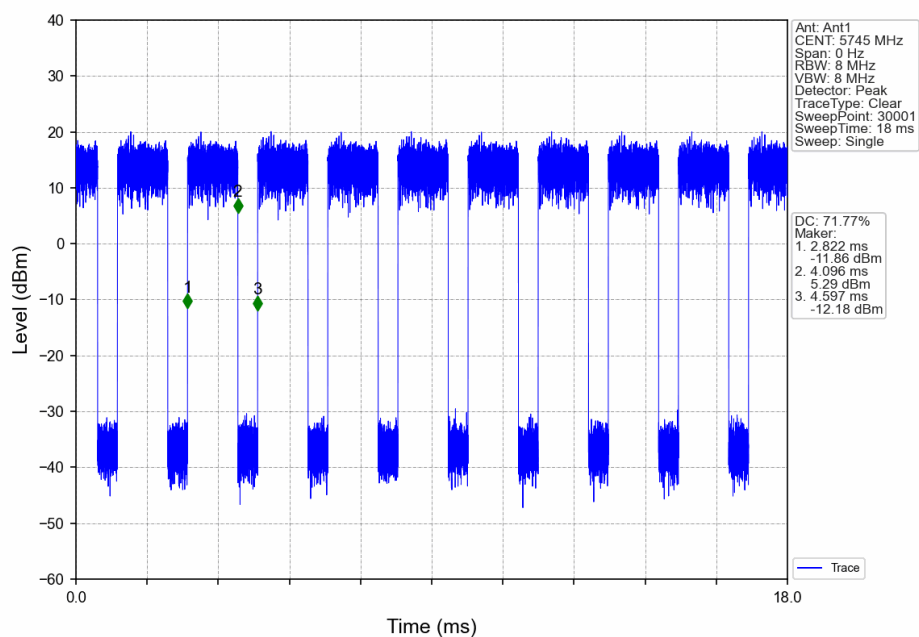
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	1.273	1.774	71.76	1.44	0.03
		5785	1.274	1.775	71.77	1.44	0.00
		5825	1.274	1.775	71.77	1.44	0.00
802.11n (HT20)	SISO	5745	1.274	1.775	71.77	1.44	0.03
		5785	1.273	1.774	71.76	1.44	0.03
		5825	1.273	1.774	71.76	1.44	0.00
802.11n (HT40)	SISO	5755	0.634	1.135	55.86	2.53	0.03
		5795	0.634	1.134	55.91	2.53	0.01
802.11n (HT20)	MIMO	5745	1.273	1.774	71.76	1.44	0.02
		5785	1.273	1.774	71.76	1.44	0.03
		5825	1.273	1.774	71.76	1.44	0.03
802.11n (HT40)	MIMO	5755	0.634	1.135	55.86	2.53	0.03
		5795	0.633	1.134	55.82	2.53	0.03
802.11ac (VHT20)	SISO	5745	1.278	1.779	71.84	1.44	0.03
		5785	1.278	1.779	71.84	1.44	0.03
		5825	1.277	1.778	71.82	1.44	0.03
802.11ac (VHT40)	SISO	5755	0.637	1.138	55.98	2.52	0.04
		5795	0.637	1.138	55.98	2.52	0.03
802.11ac (VHT80)	SISO	5775	0.317	0.818	38.75	4.12	0.03
802.11ac (VHT20)	MIMO	5745	1.278	1.779	71.84	1.44	0.03
		5785	1.278	1.779	71.84	1.44	0.03
		5825	1.277	1.778	71.82	1.44	0.03
802.11ac (VHT40)	MIMO	5755	0.638	1.139	56.01	2.52	0.03
		5795	0.638	1.139	56.01	2.52	0.03
802.11ac (VHT80)	MIMO	5775	0.318	0.819	38.83	4.11	0.03

1.1.2 Test Graph

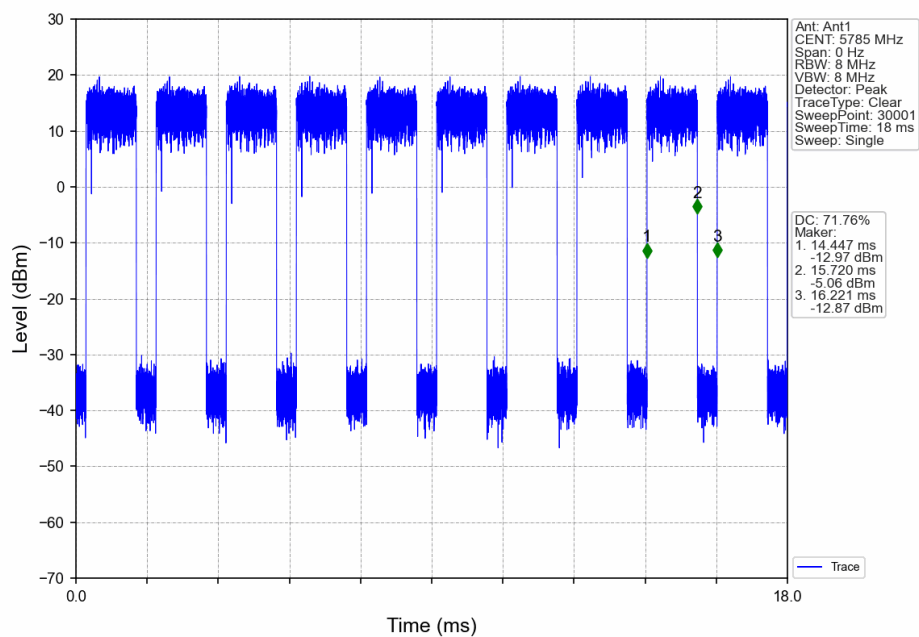




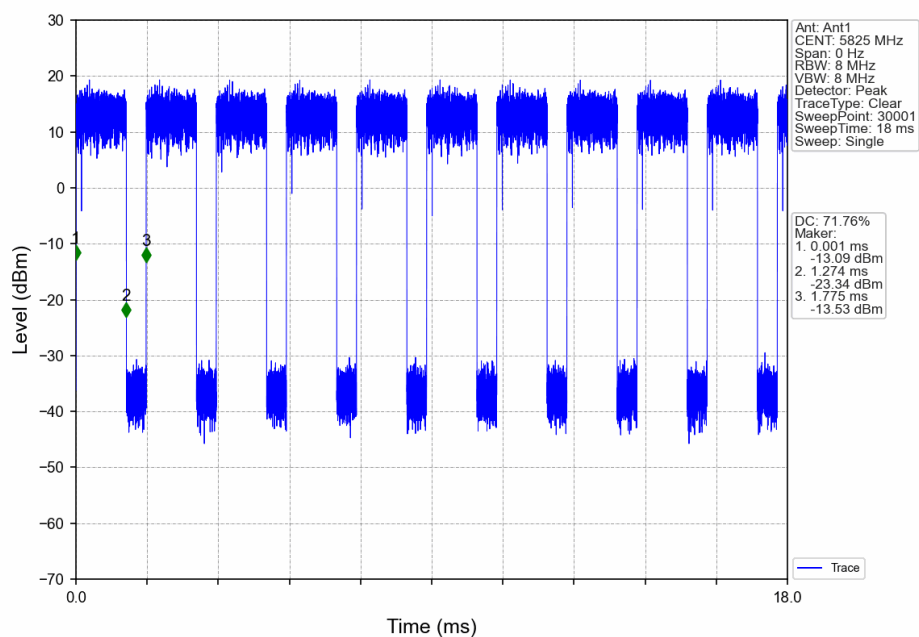
802.11n(HT20) LCH_5745MHz Ant1 NTN_V_SISO



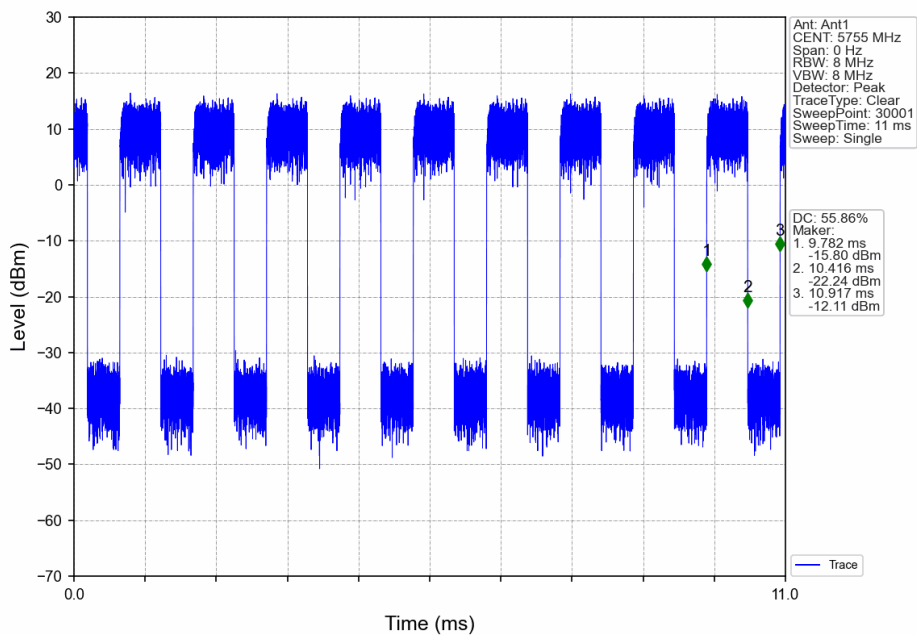
802.11n(HT20) MCH_5785MHz Ant1 NTN_V_SISO



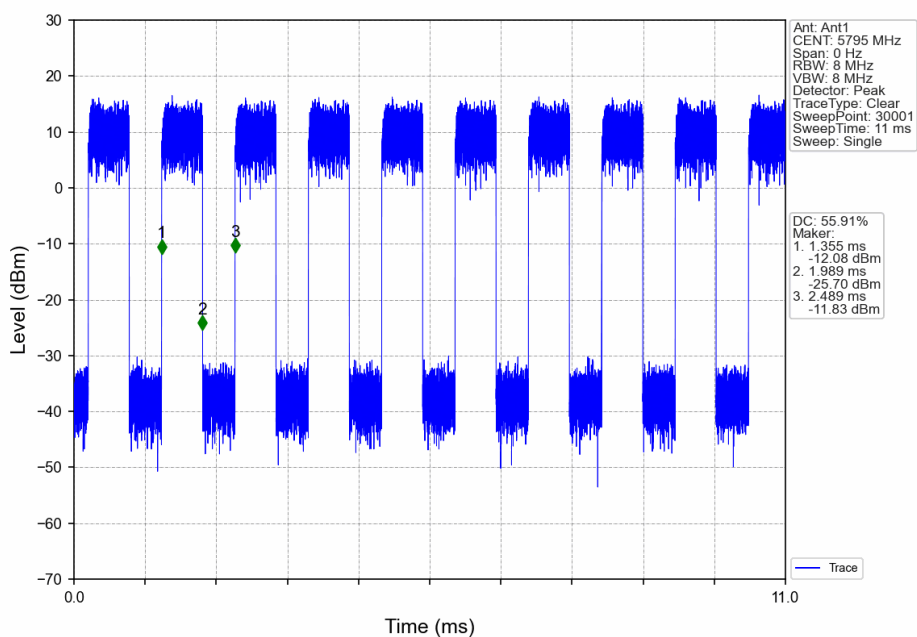
802.11n(HT20) HCH 5825MHz Ant1 NTN_V_SISO



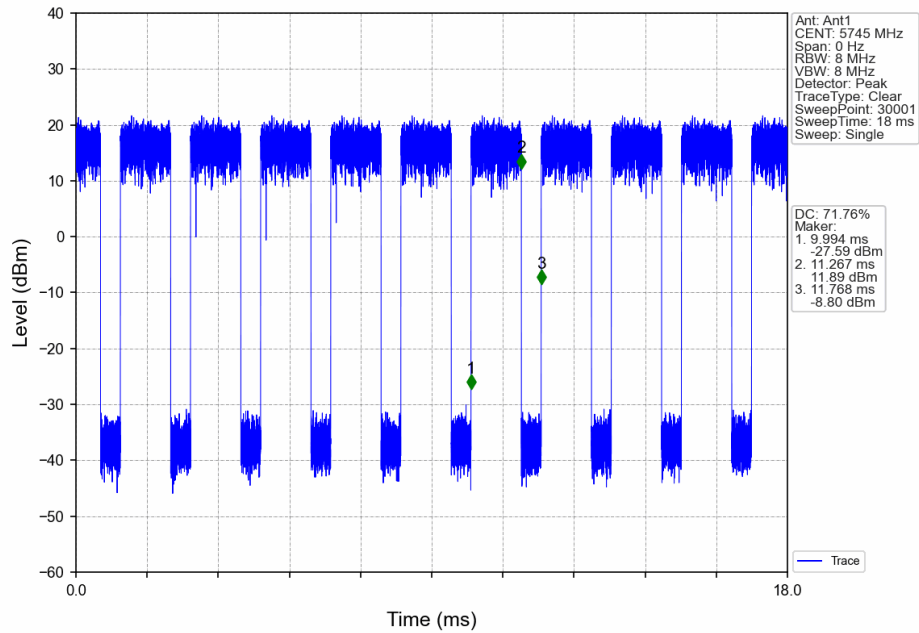
802.11n(HT40) LCH 5755MHz Ant1 NTN_V_SISO



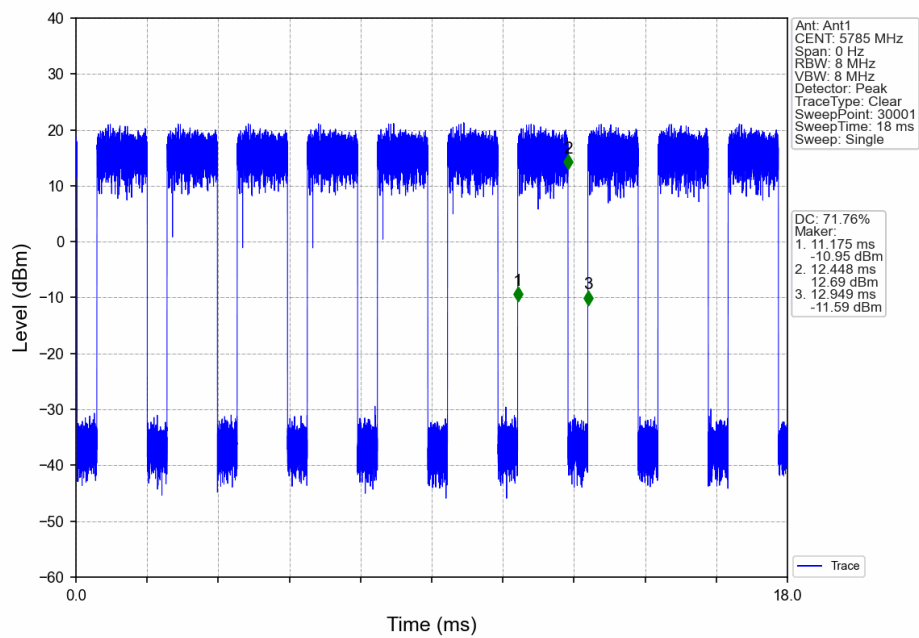
802.11n(HT40) HCH 5795MHz Ant1 NTN_SISO



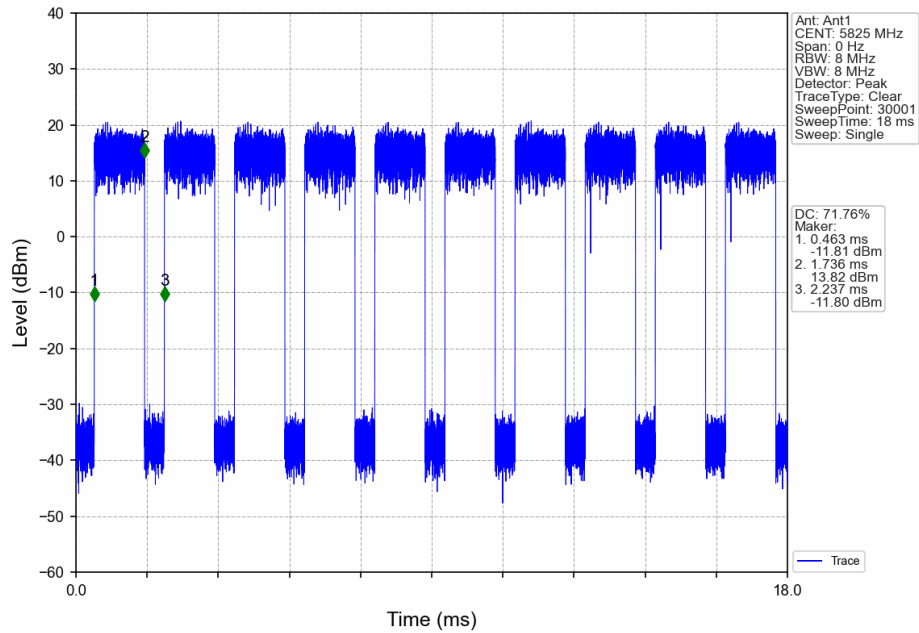
802.11n(HT20) LCH 5745MHz Ant1 NTN_MIMO



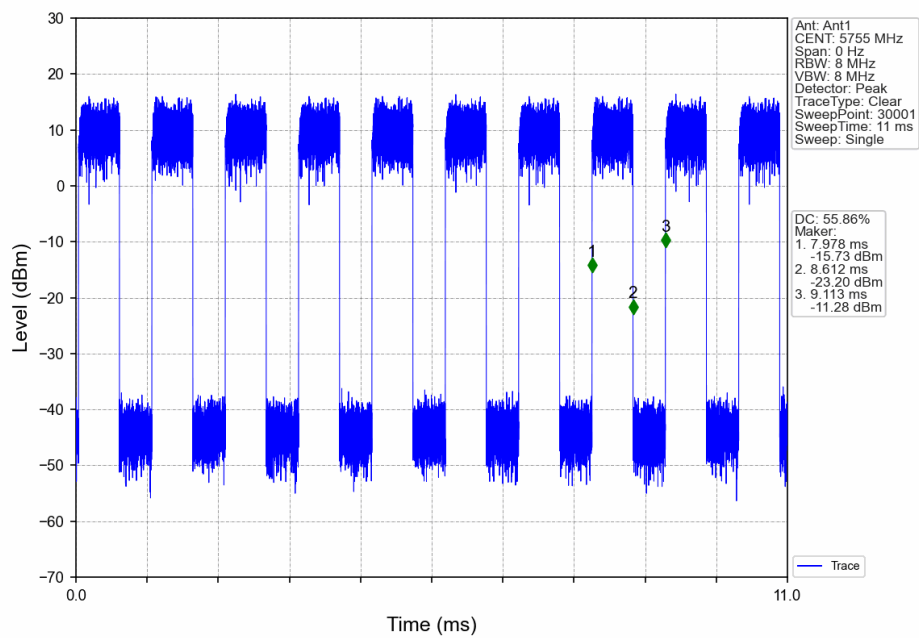
802.11n(HT20) MCH 5785MHz Ant1 NTN_V MIMO



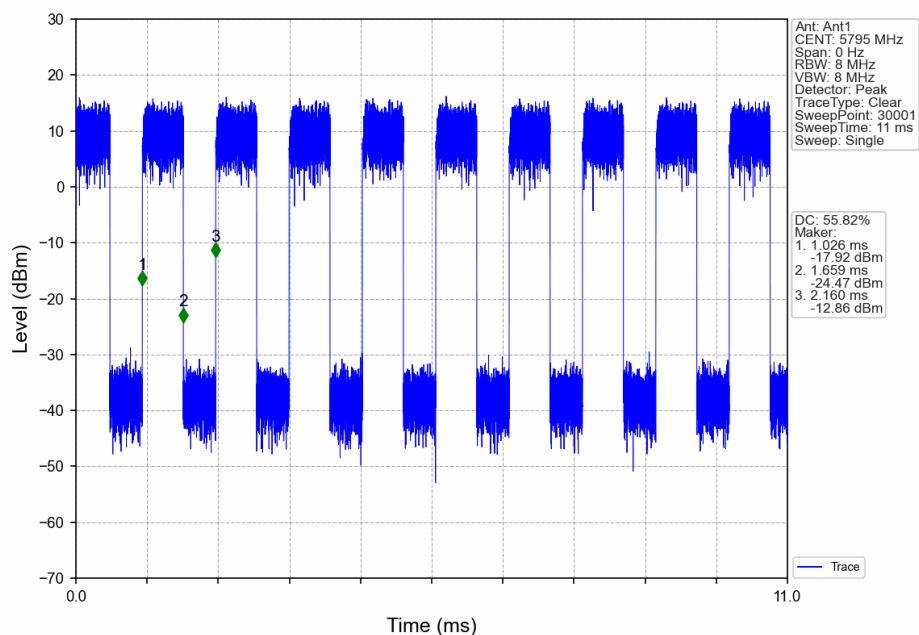
802.11n(HT20) HCH 5825MHz Ant1 NTN_V MIMO



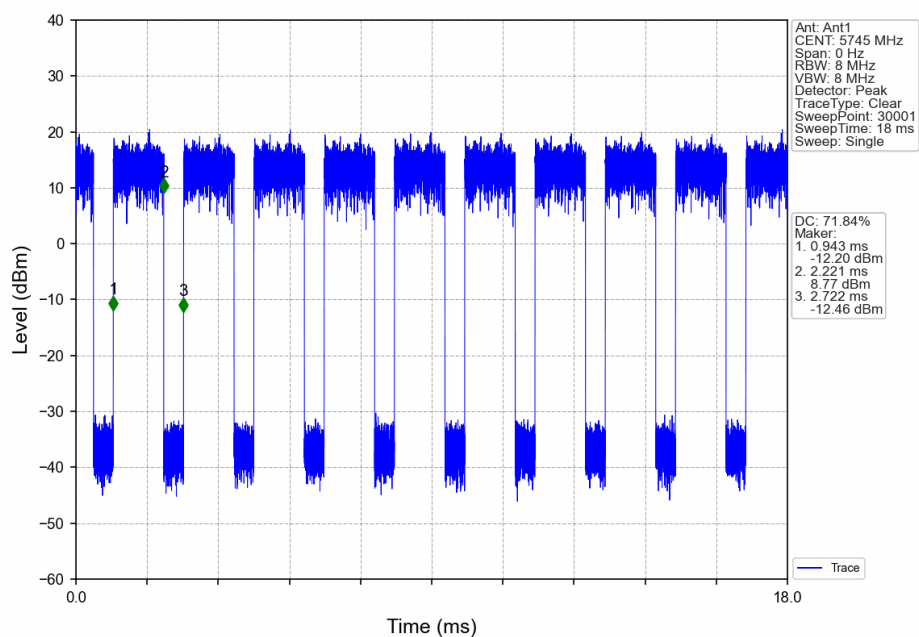
802.11n(HT40)_LCH_5755MHz_Ant1_NTN_V_MIMO



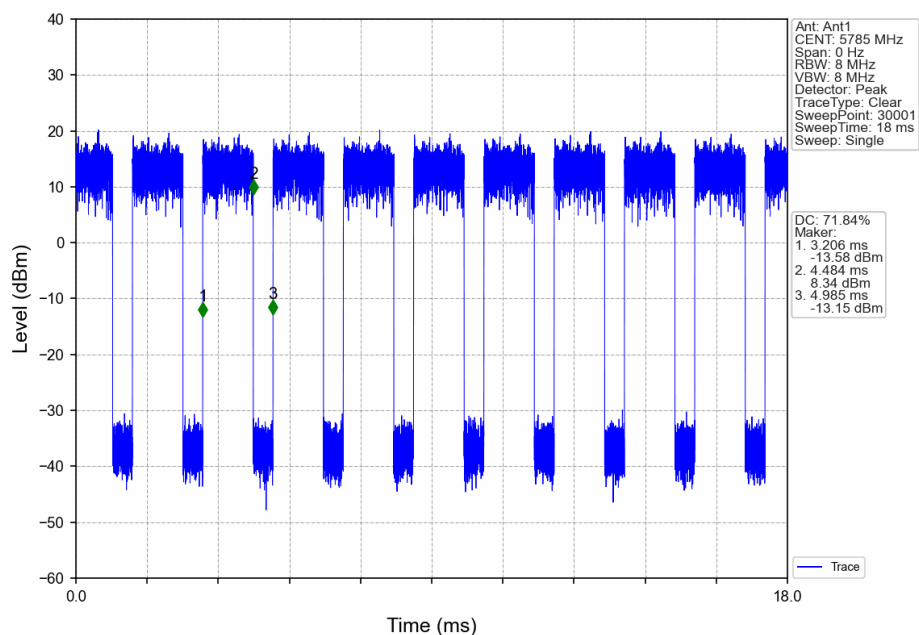
802.11n(HT40)_HCH_5795MHz_Ant1_NTN_V_MIMO



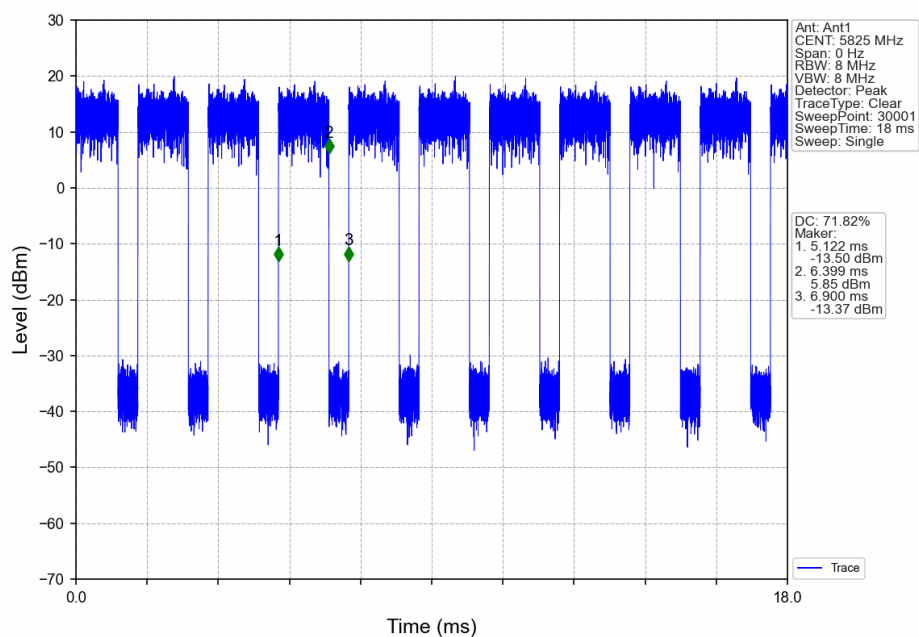
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV_SISO



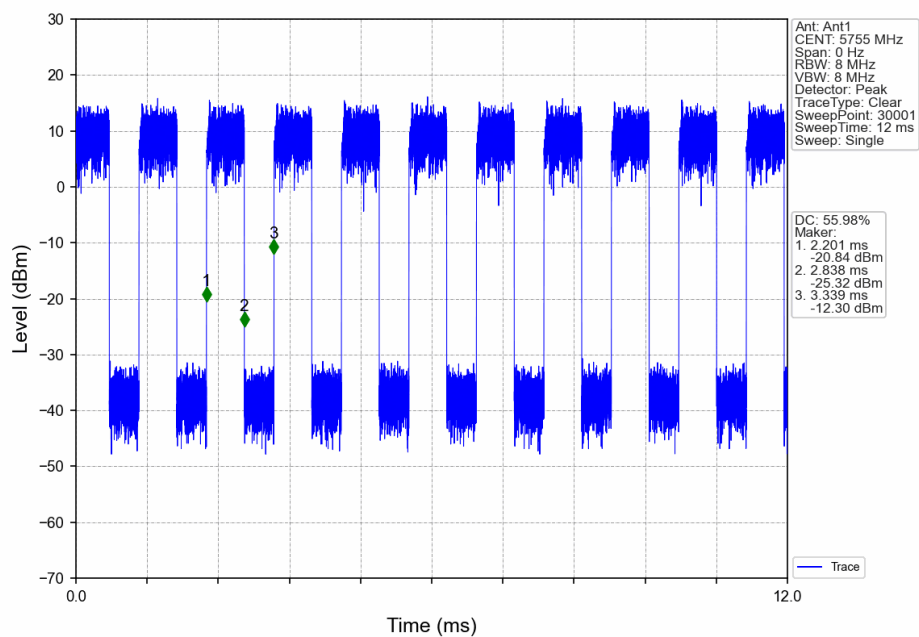
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV_SISO



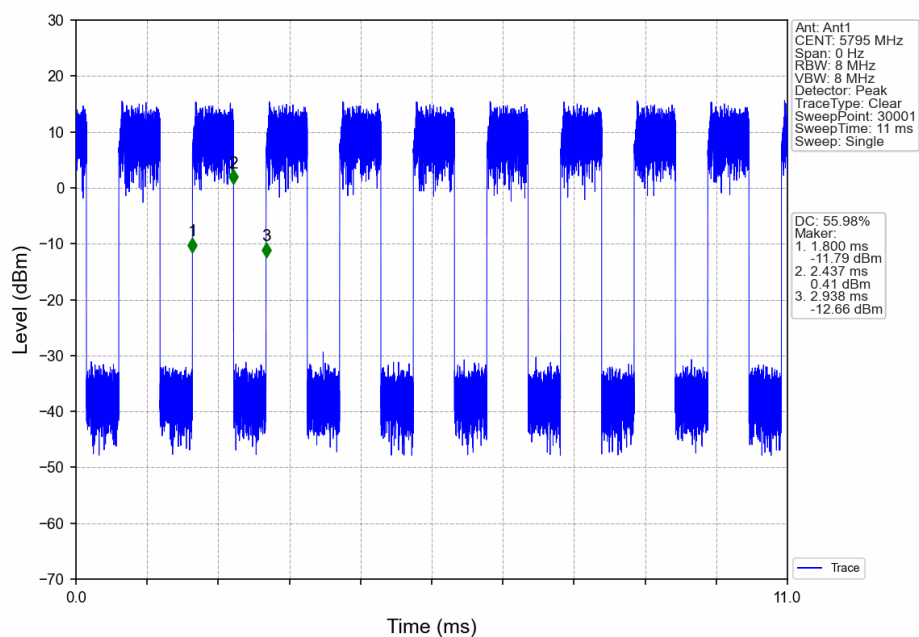
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV_SISO



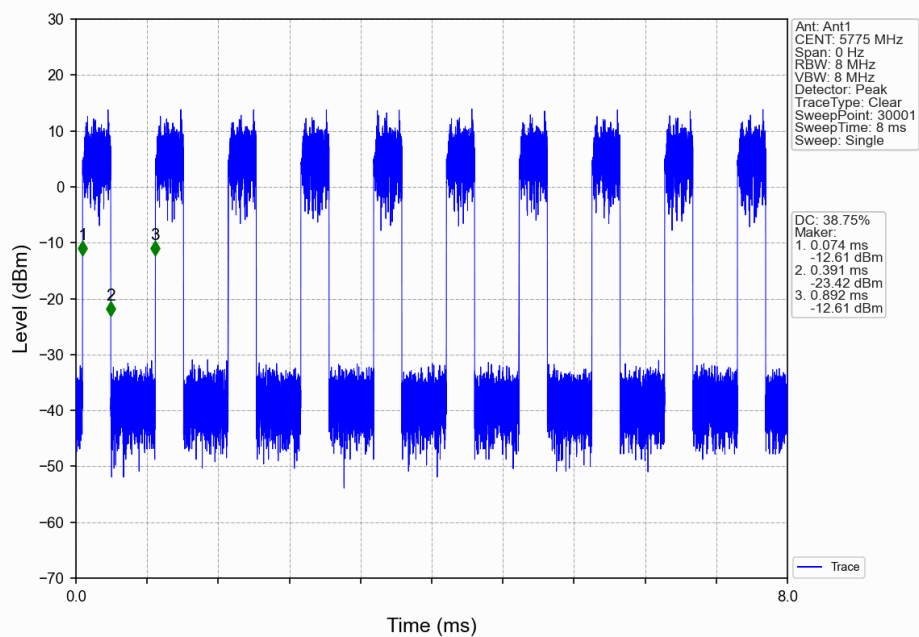
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV_SISO



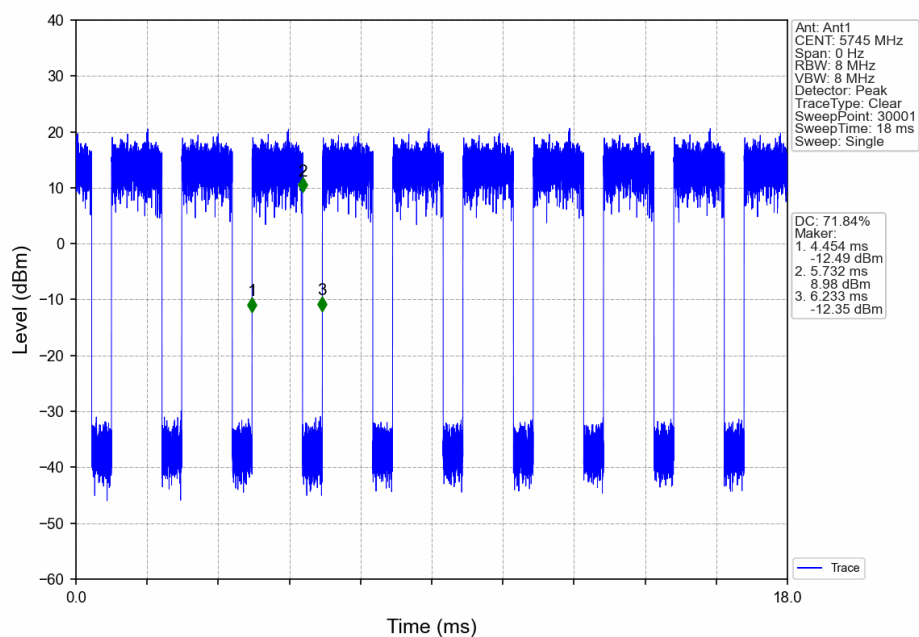
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV_SISO



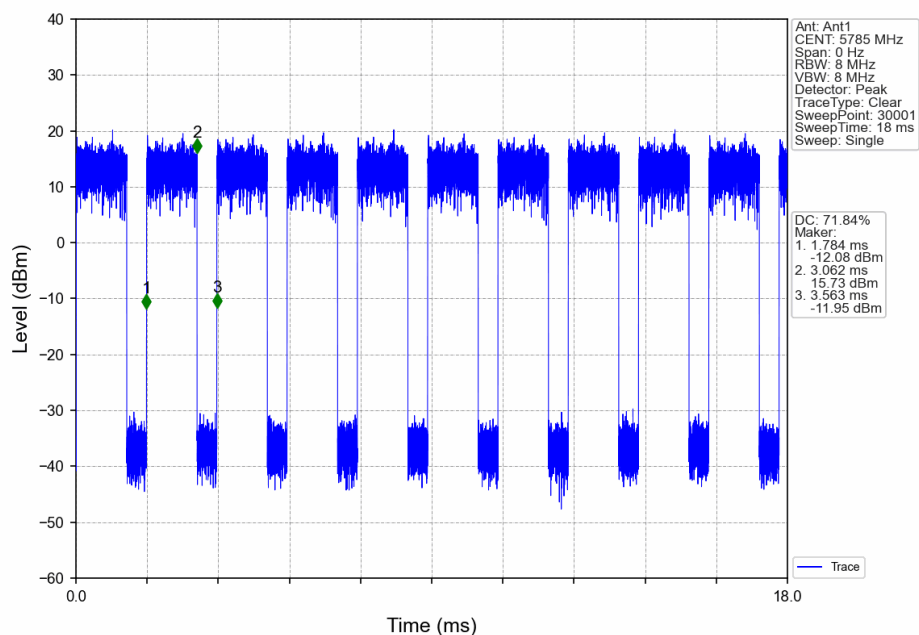
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV_SISO



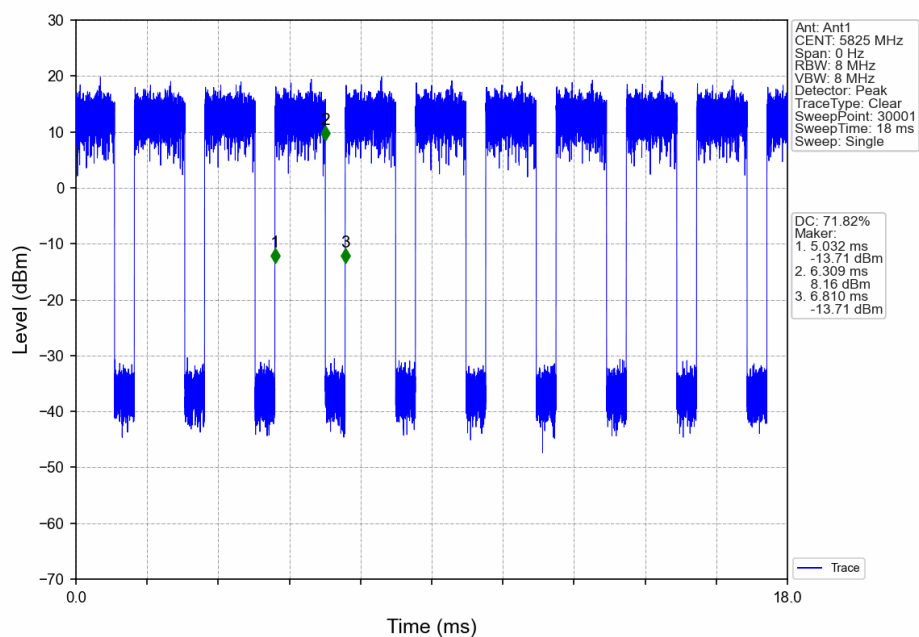
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV_MIMO



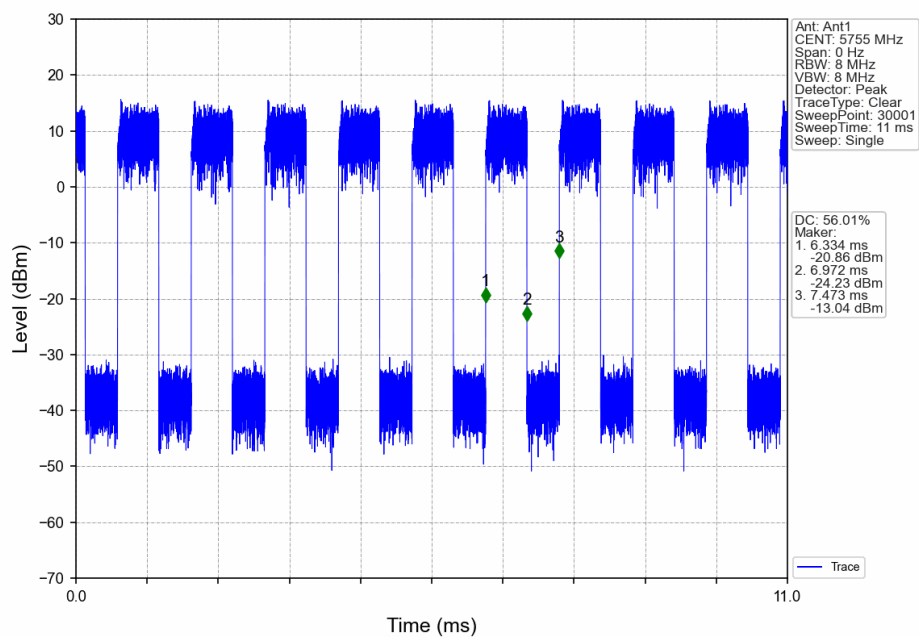
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV_MIMO



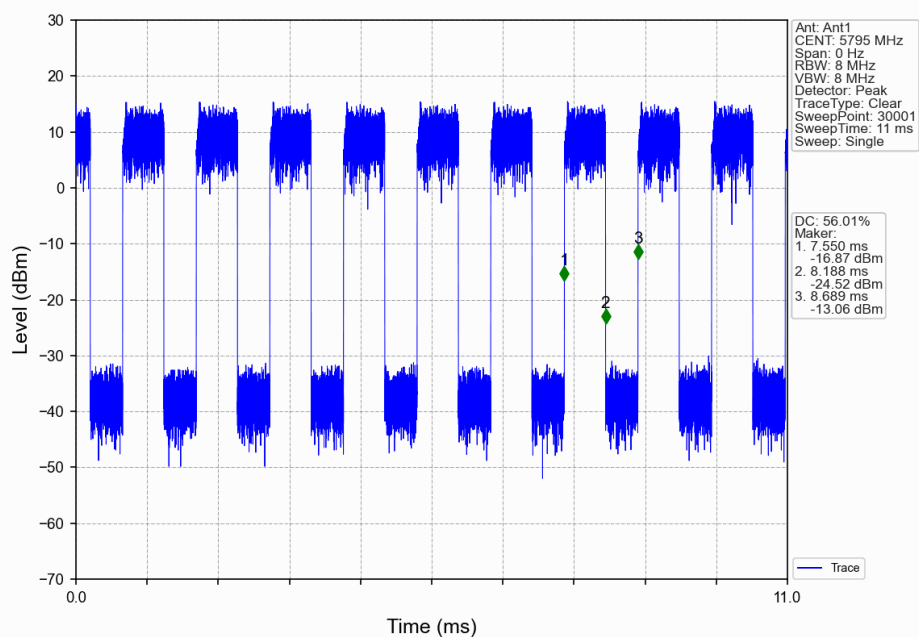
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV_MIMO



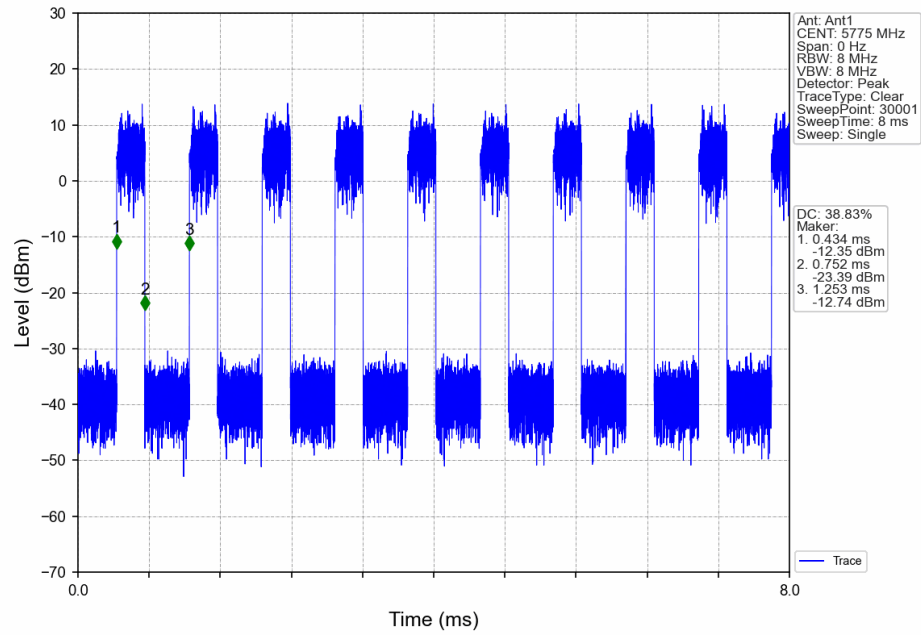
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV_MIMO



802.11ac(VHT40) HCH 5795MHz Ant1 NTVN MIMO



802.11ac(VHT80) MCH 5775MHz Ant1 NTVN MIMO

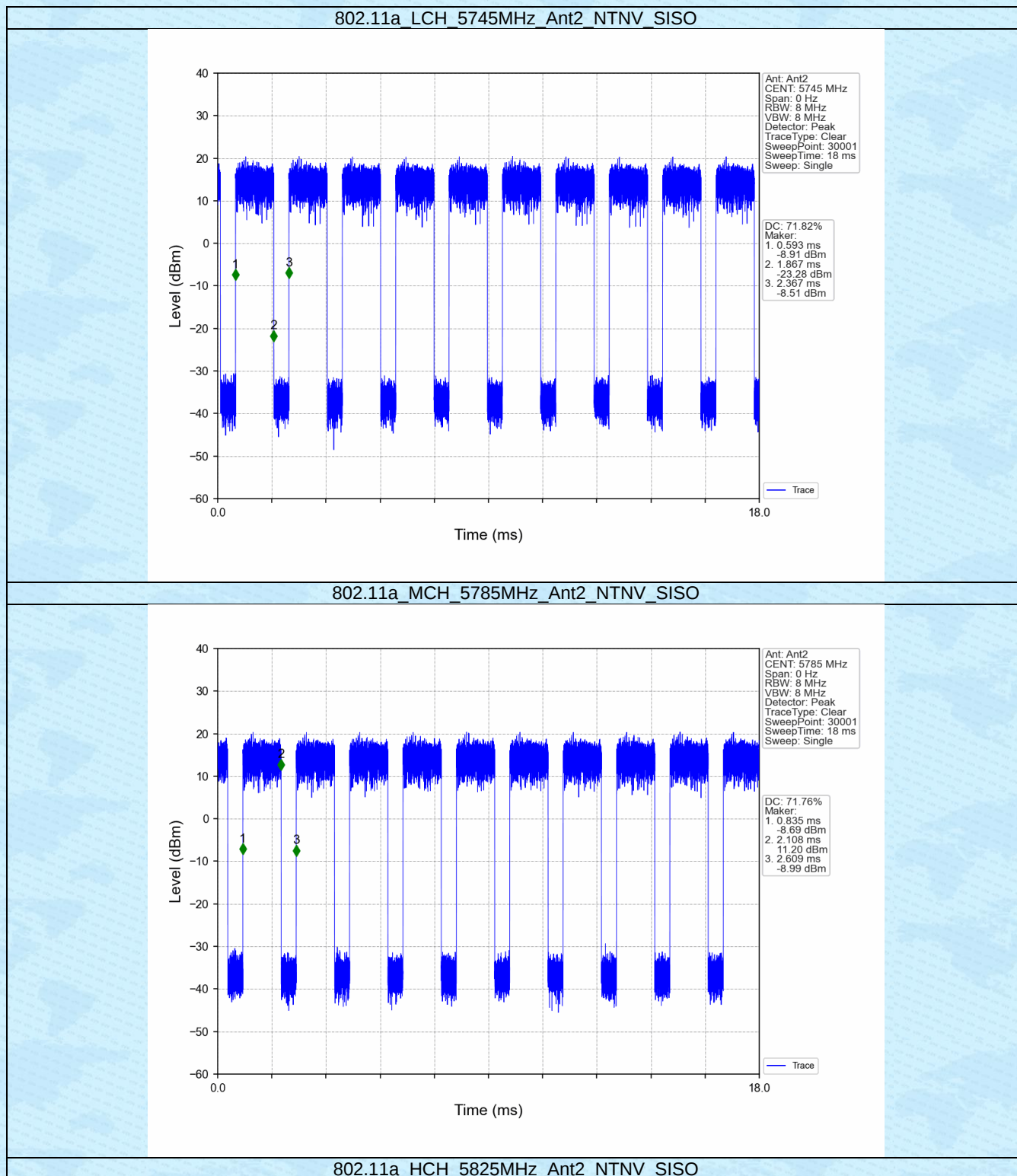


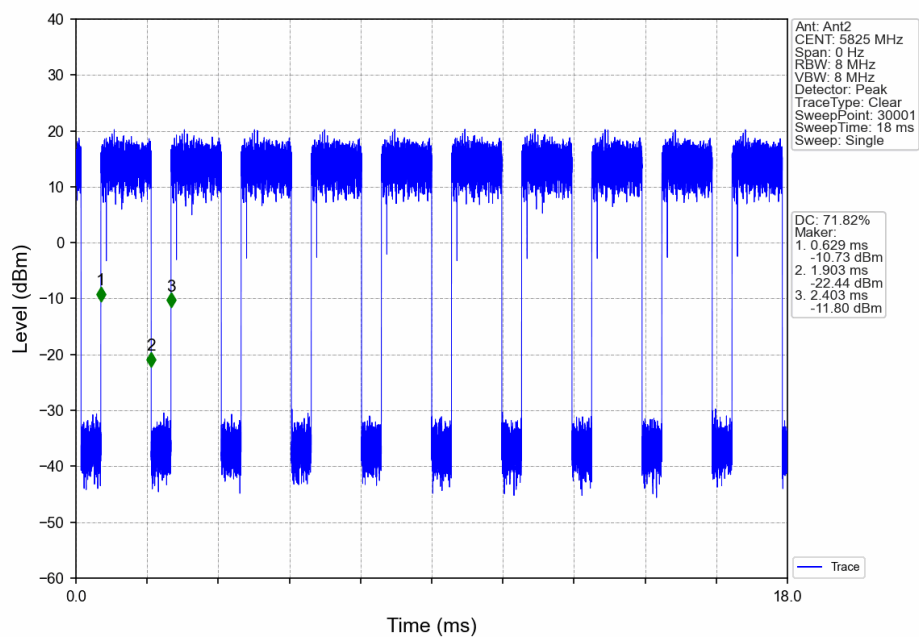
1.2 Ant2

1.2.1 Test Result

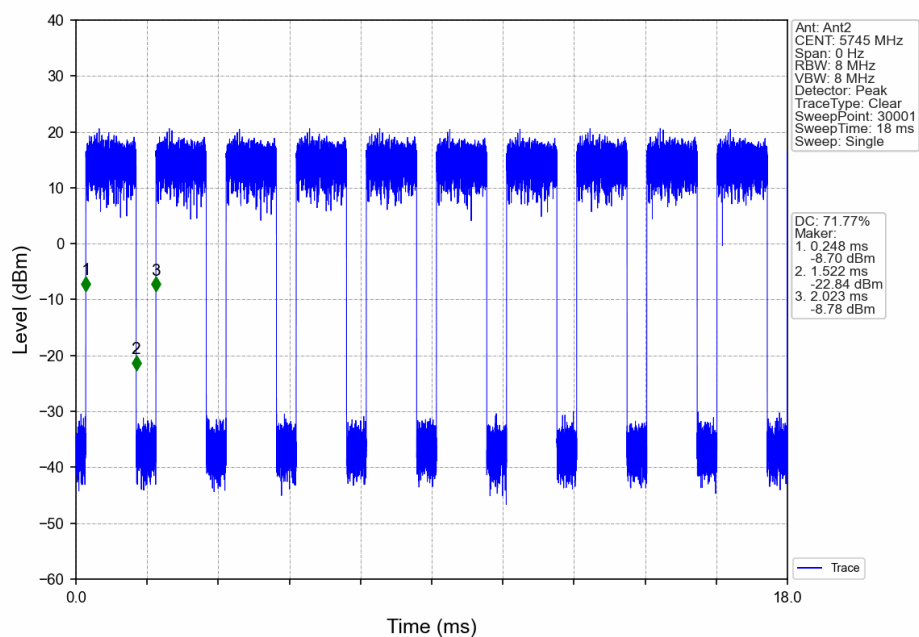
Ant2							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	1.274	1.774	71.82	1.44	0.00
		5785	1.273	1.774	71.76	1.44	0.03
		5825	1.274	1.774	71.82	1.44	0.00
802.11n (HT20)	SISO	5745	1.274	1.775	71.77	1.44	0.00
		5785	1.274	1.774	71.82	1.44	0.00
		5825	1.274	1.774	71.82	1.44	0.00
802.11n (HT40)	SISO	5755	0.633	1.134	55.82	2.53	0.03
		5795	0.634	1.134	55.91	2.53	0.03
802.11n (HT20)	MIMO	5745	1.272	1.775	71.66	1.45	0.07
		5785	1.273	1.774	71.76	1.44	0.03
		5825	1.273	1.774	71.76	1.44	0.02
802.11n (HT40)	MIMO	5755	0.634	1.134	55.91	2.53	0.03
		5795	0.634	1.134	55.91	2.53	0.01
802.11ac (VHT20)	SISO	5745	1.278	1.779	71.84	1.44	0.03
		5785	1.277	1.778	71.82	1.44	0.03
		5825	1.277	1.778	71.82	1.44	0.03
802.11ac (VHT40)	SISO	5755	0.637	1.138	55.98	2.52	0.02
		5795	0.637	1.138	55.98	2.52	0.02
802.11ac (VHT80)	SISO	5775	0.318	0.818	38.88	4.10	0.03
802.11ac (VHT20)	MIMO	5745	1.277	1.778	71.82	1.44	0.03
		5785	1.277	1.778	71.82	1.44	0.03
		5825	1.277	1.778	71.82	1.44	0.03
802.11ac (VHT40)	MIMO	5755	0.638	1.138	56.06	2.51	0.03
		5795	0.637	1.138	55.98	2.52	0.01
802.11ac (VHT80)	MIMO	5775	0.318	0.819	38.83	4.11	0.03

1.2.2 Test Graph

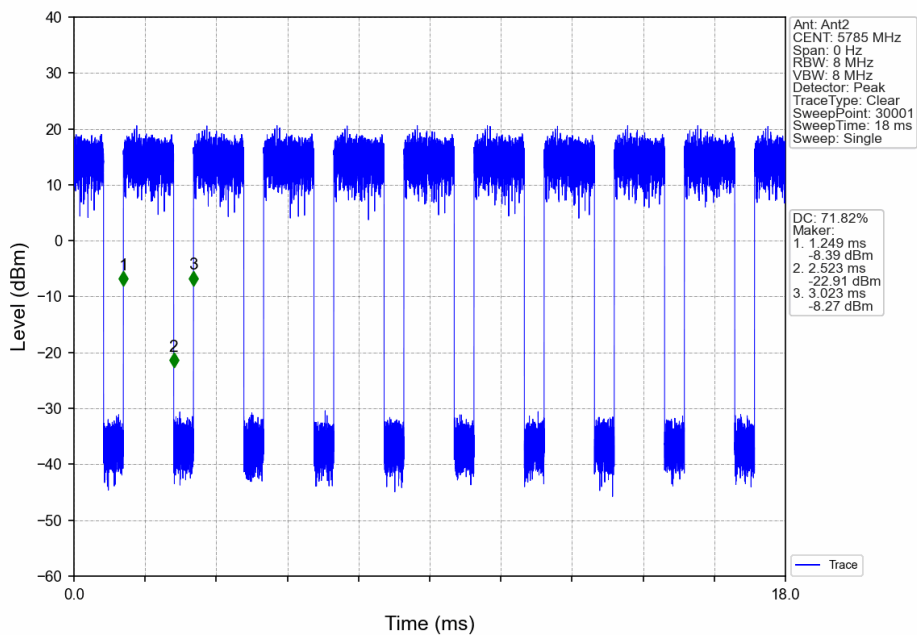




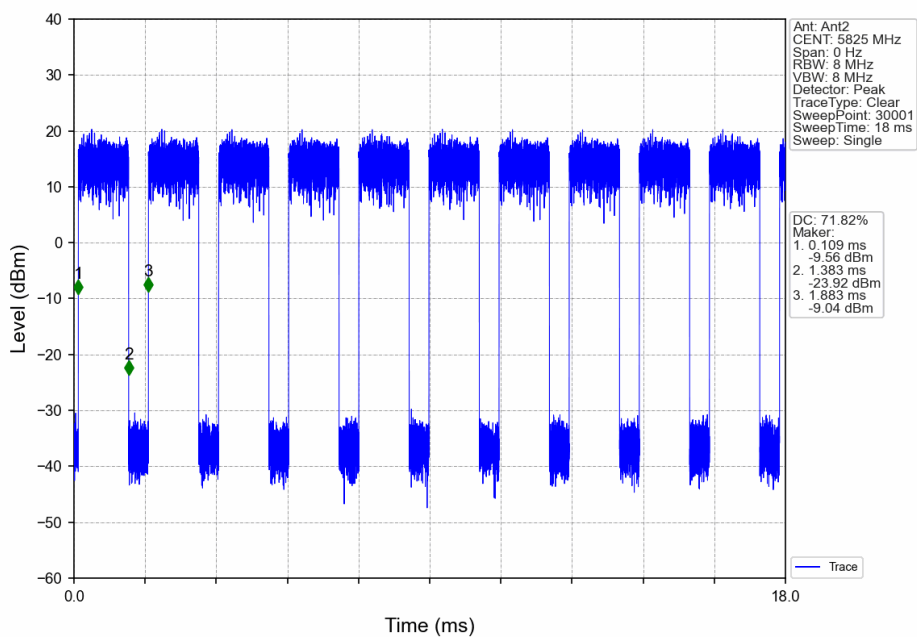
802.11n(HT20) LCH_5745MHz_Ant2_NTNV_SISO



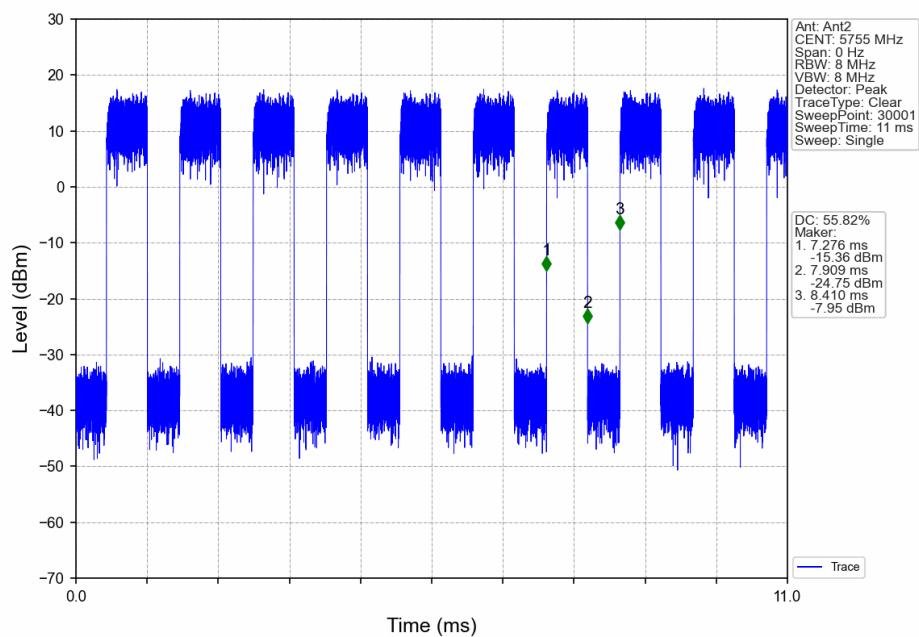
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV_SISO



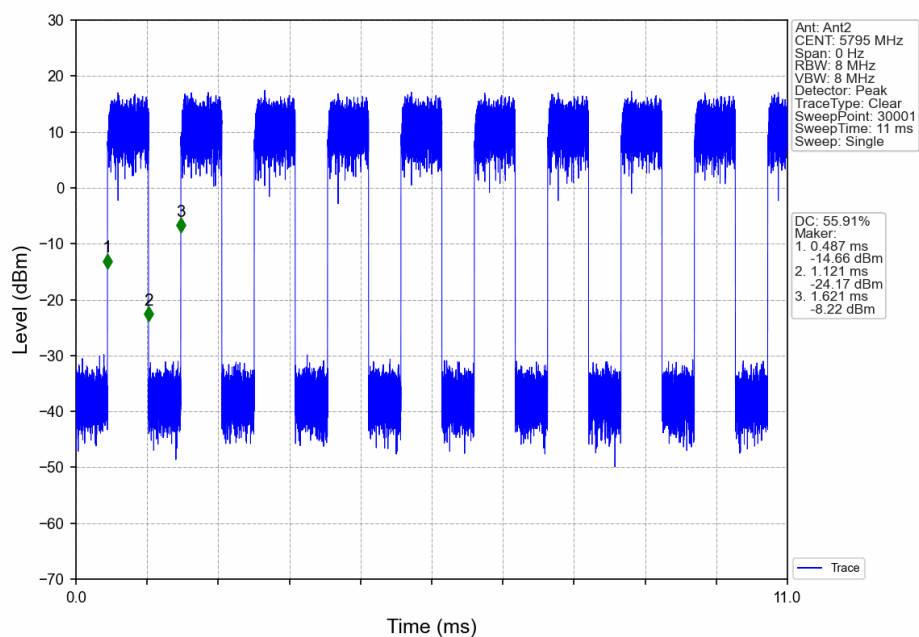
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV_SISO



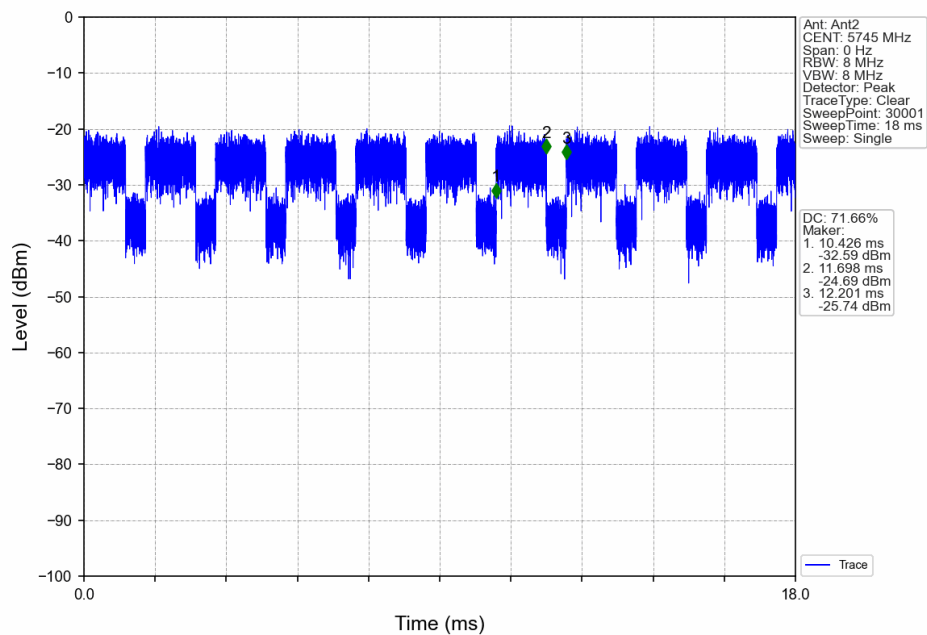
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV_SISO



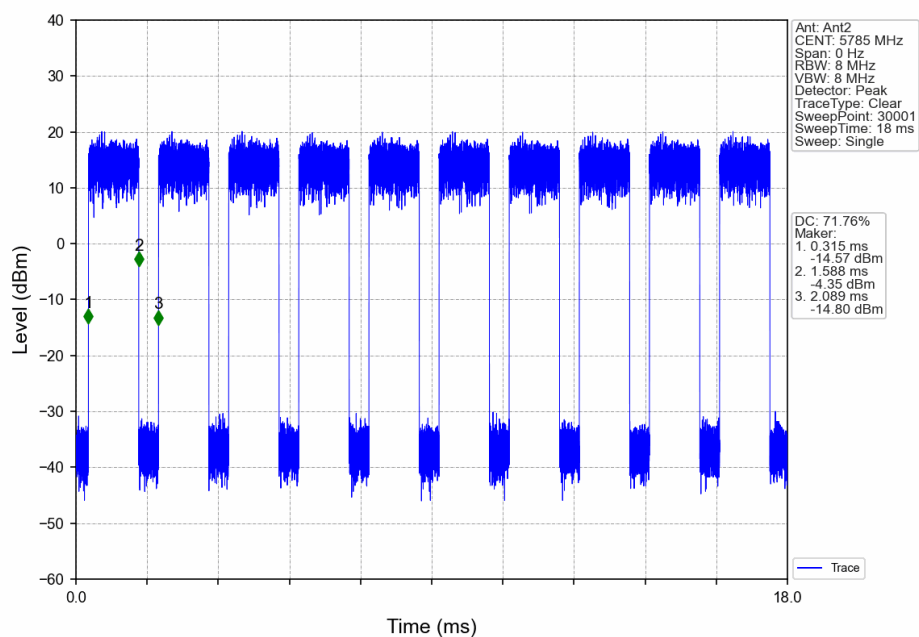
802.11n(HT40) HCH 5795MHz Ant2 NTN_SISO



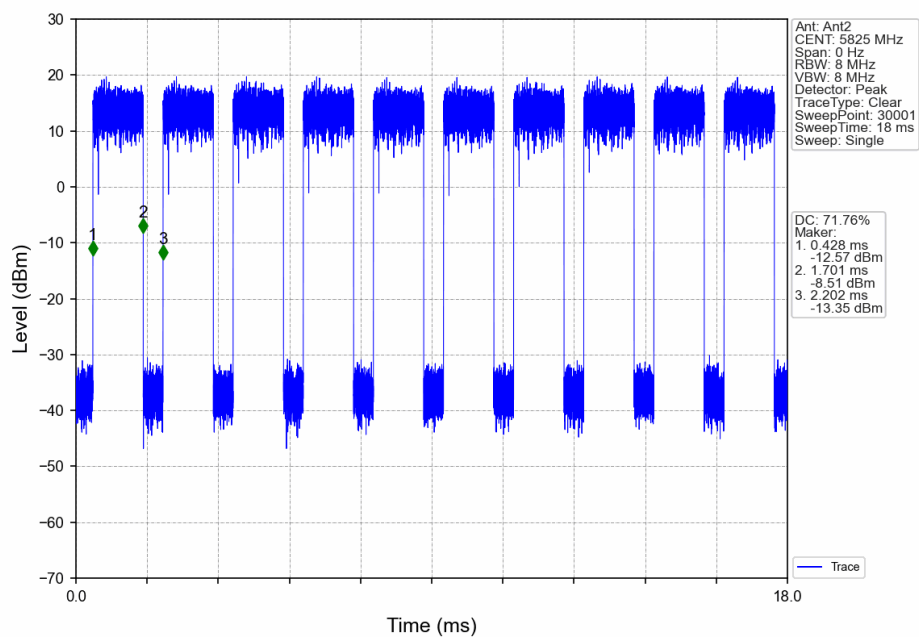
802.11n(HT20) LCH 5745MHz Ant2 NTN_MIMO



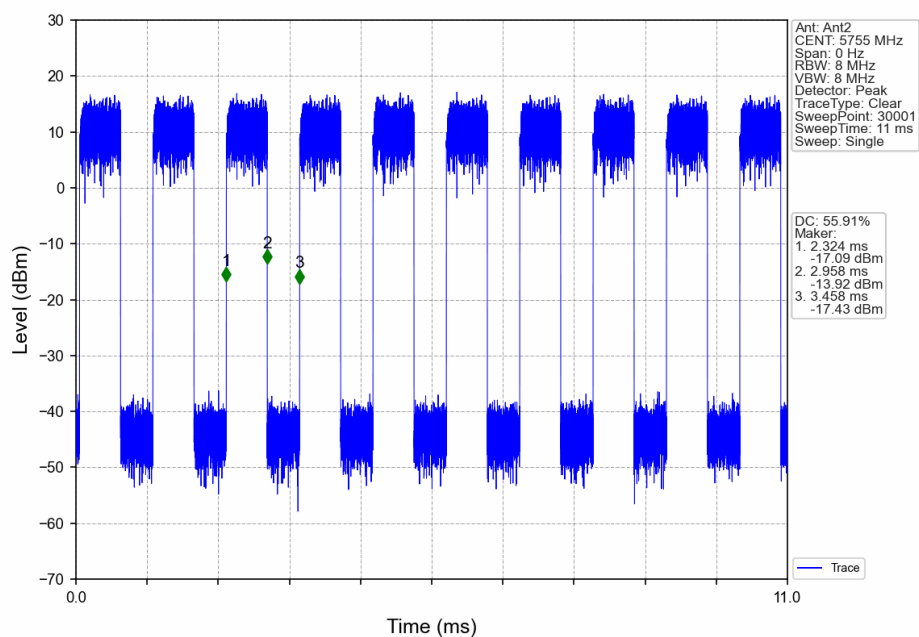
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV_MIMO



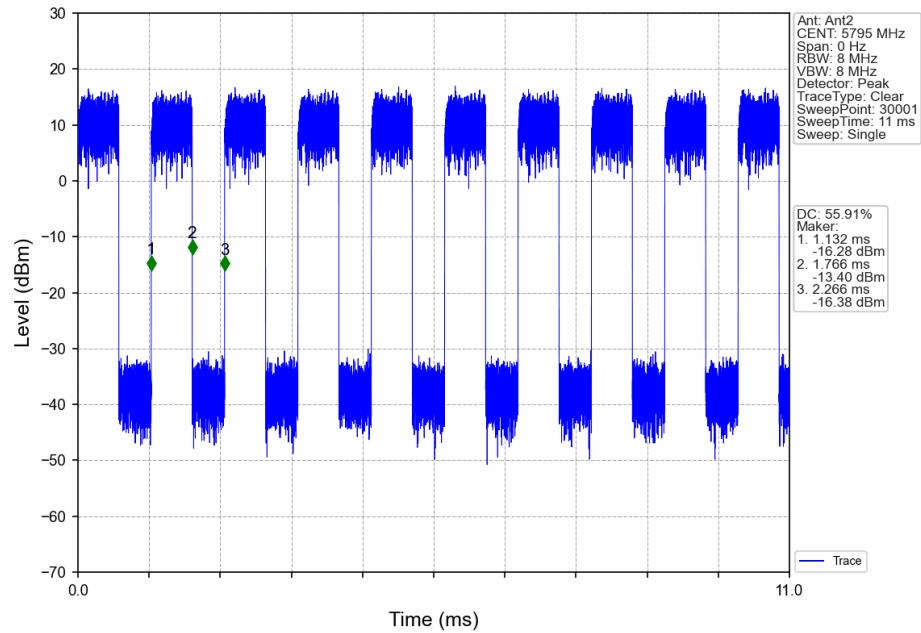
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV_MIMO



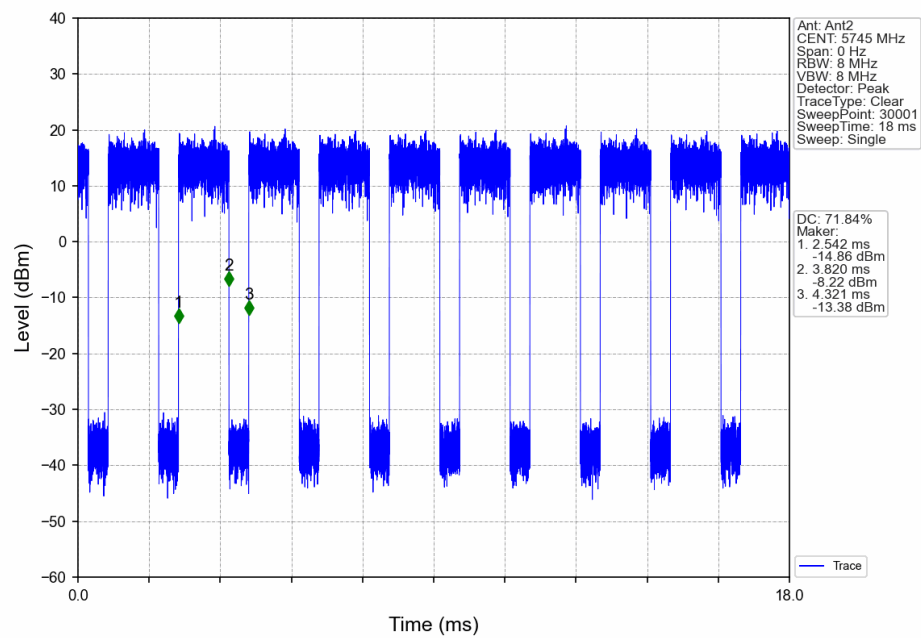
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV_MIMO



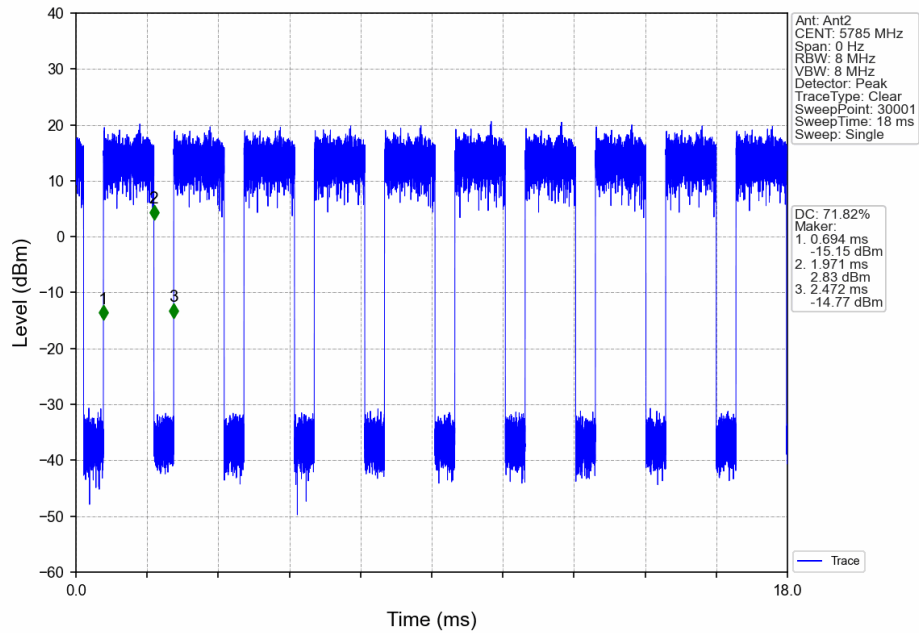
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV_MIMO



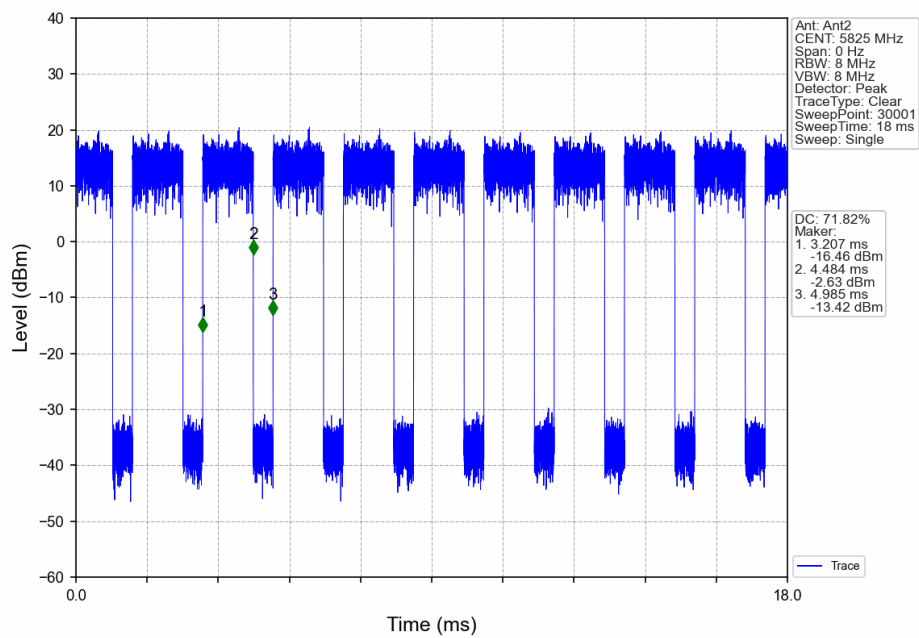
802.11ac(VHT20) LCH_5745MHz_Ant2_NTNV_SISO



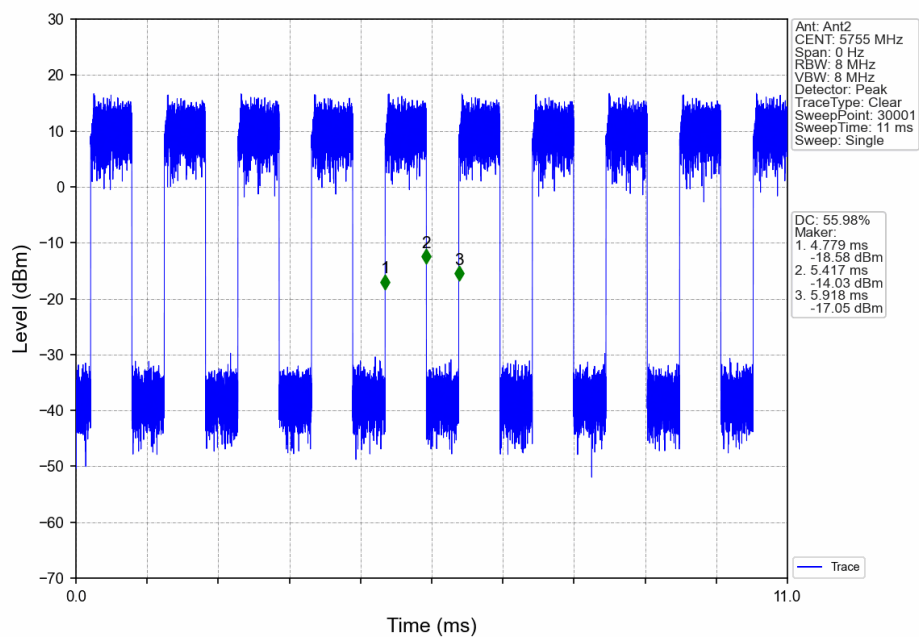
802.11ac(VHT20) MCH_5785MHz_Ant2_NTNV_SISO



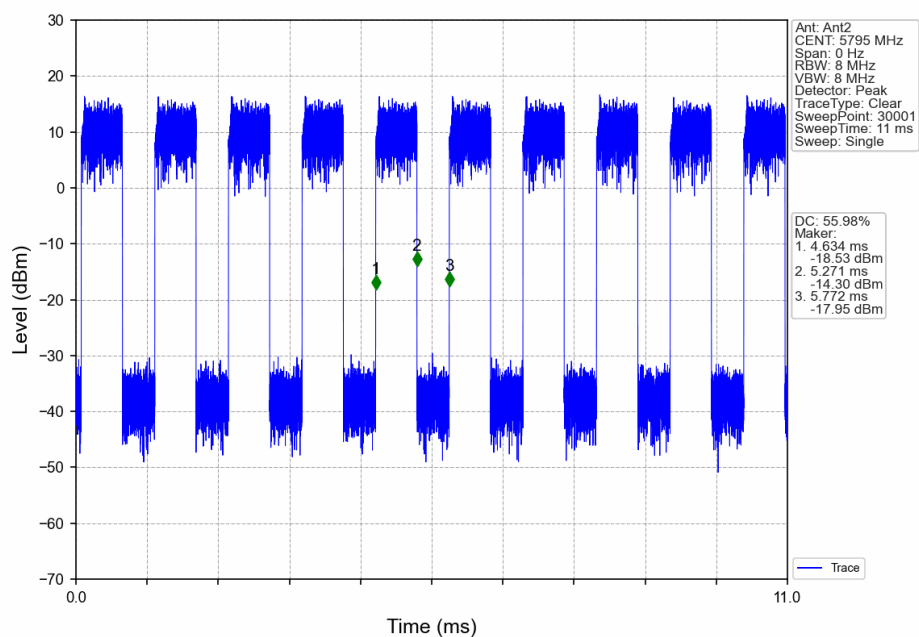
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV_SISO



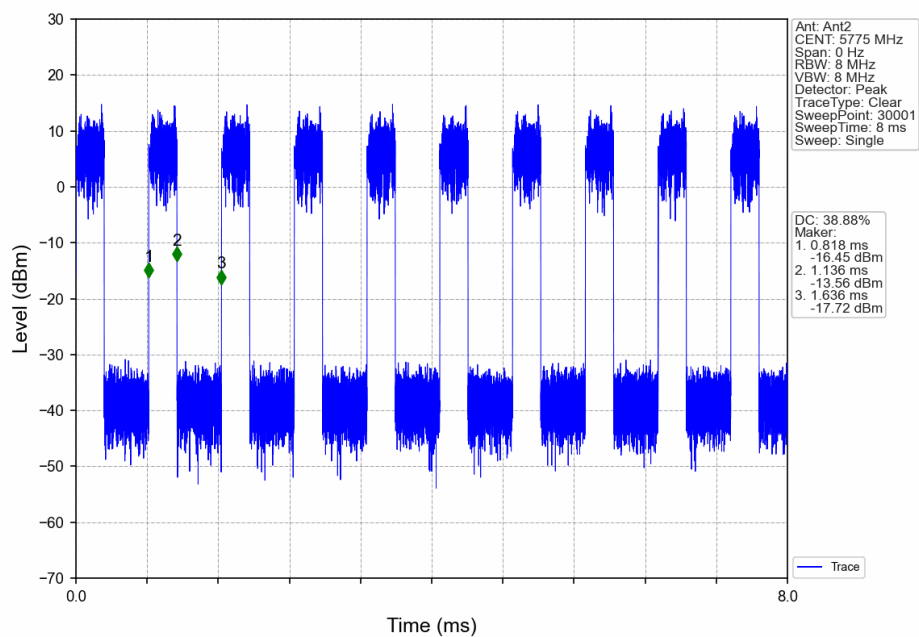
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV_SISO



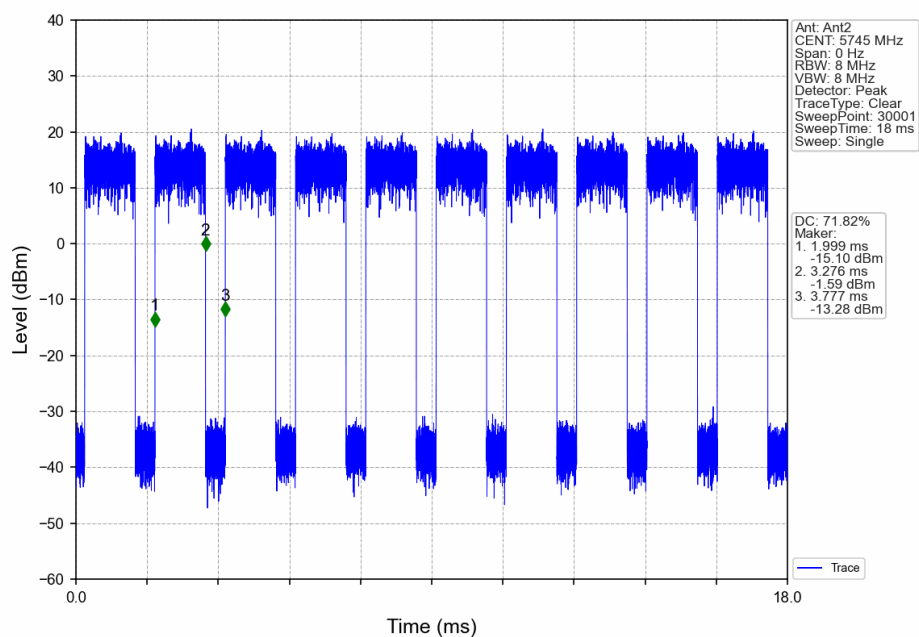
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV_SISO



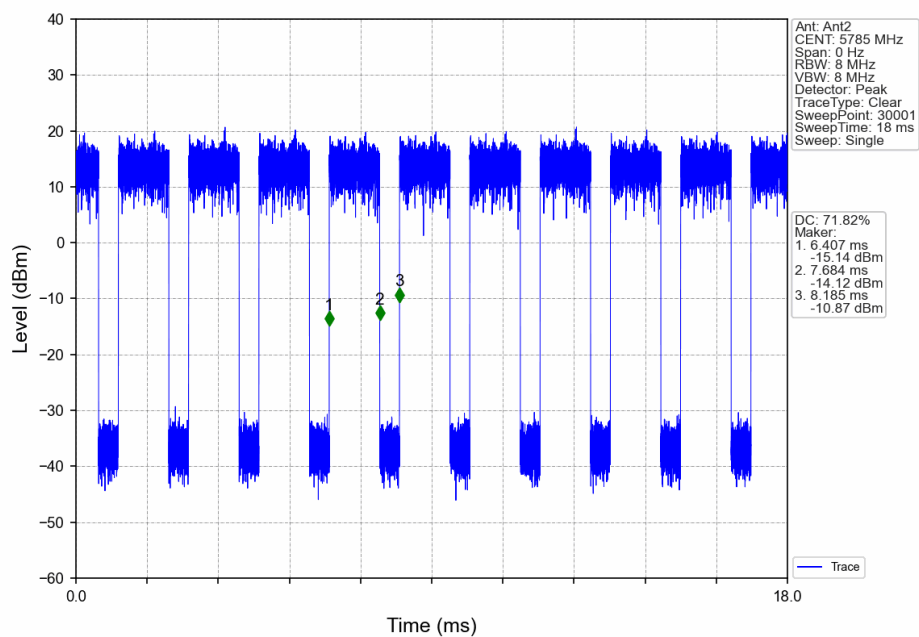
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV_SISO



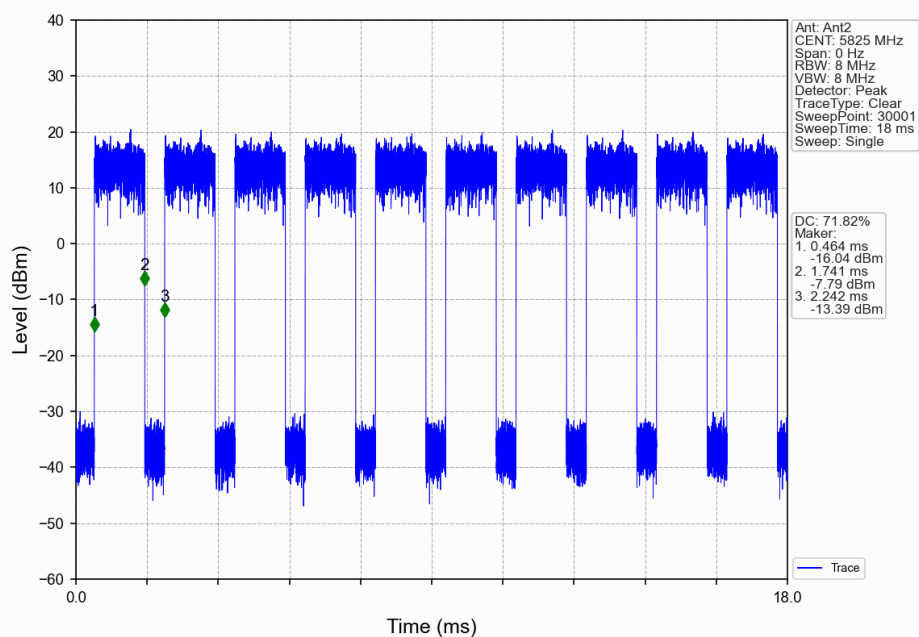
802.11ac(VHT20) LCH_5745MHz_Ant2_NTNV_MIMO



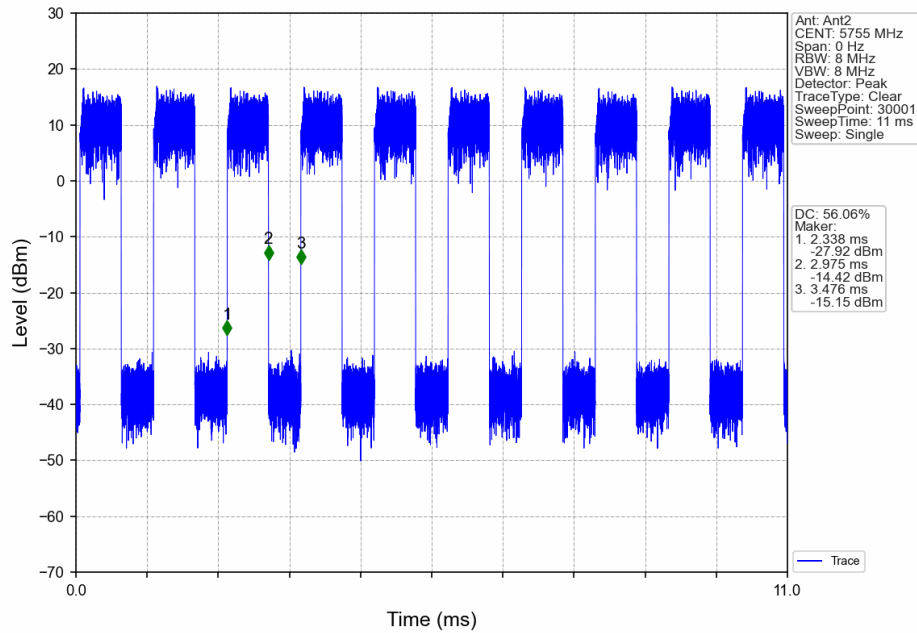
802.11ac(VHT20) MCH_5785MHz_Ant2_NTNV_MIMO



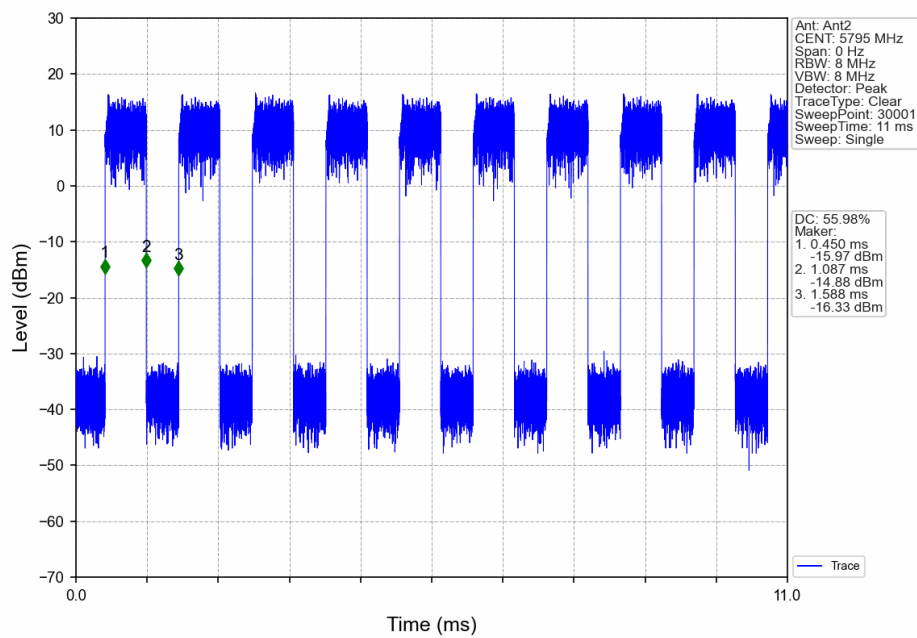
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV_MIMO



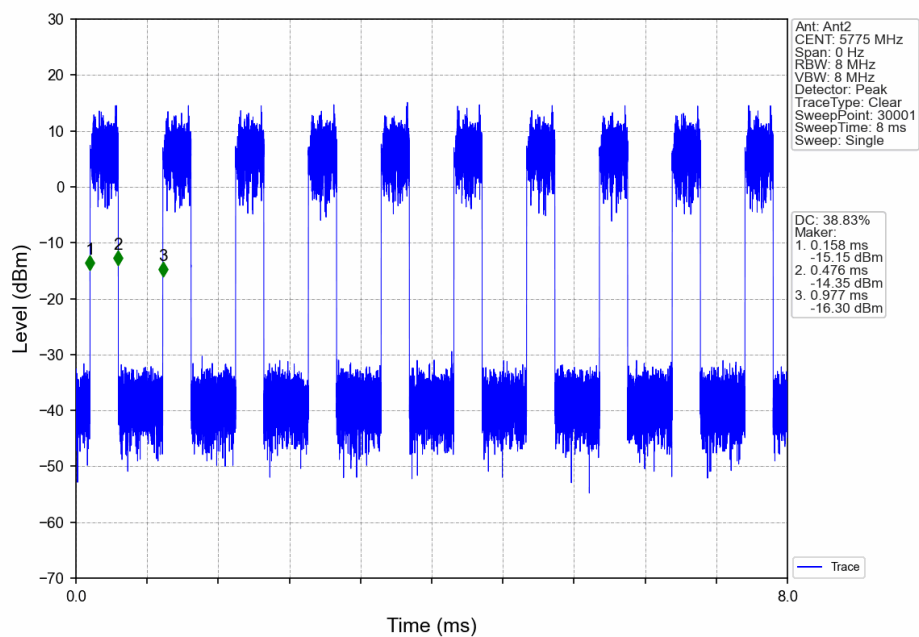
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV_MIMO



802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV_MIMO



802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV_MIMO



2. Bandwidth

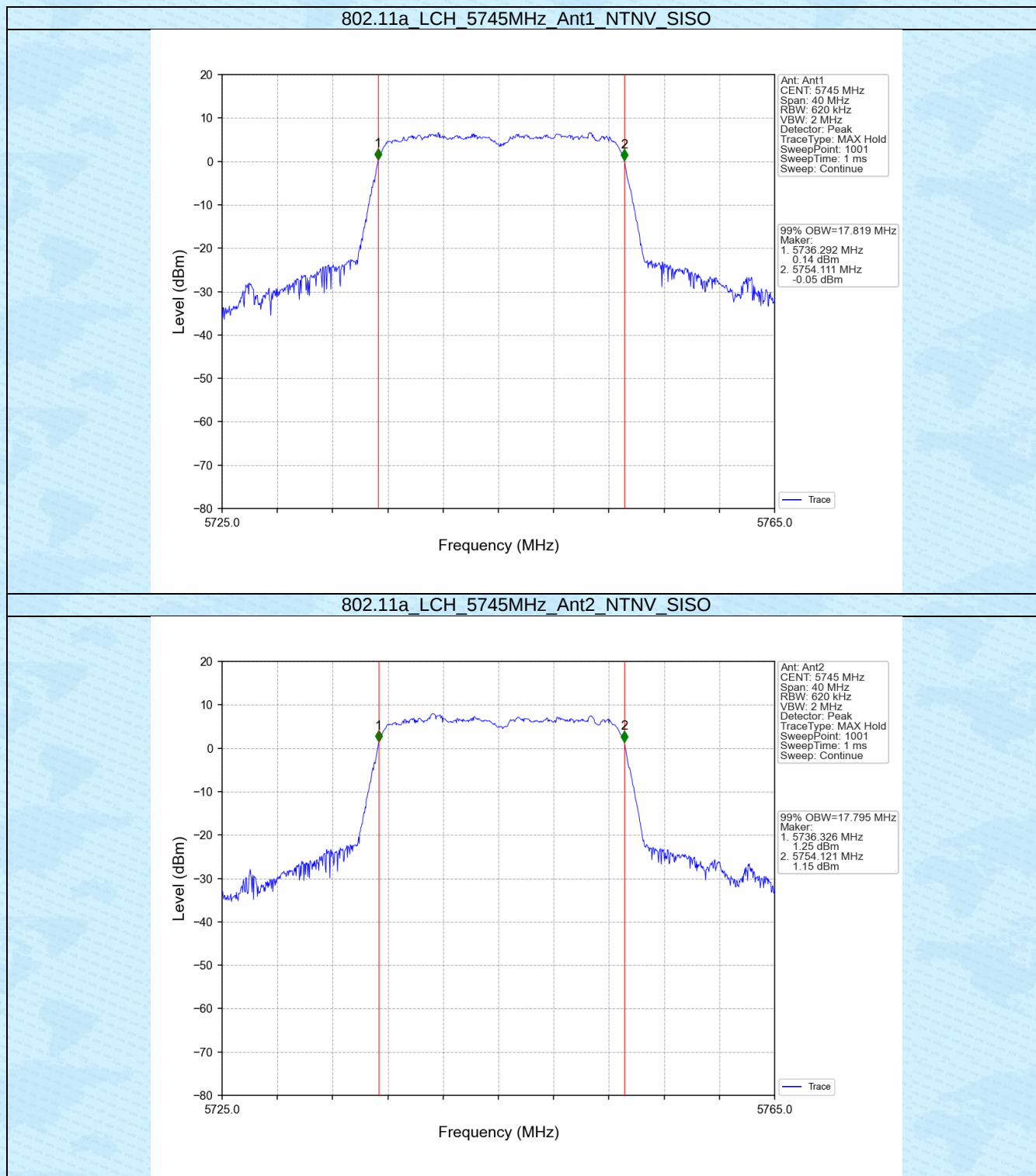
2.1 OBW

2.1.1 Test Result

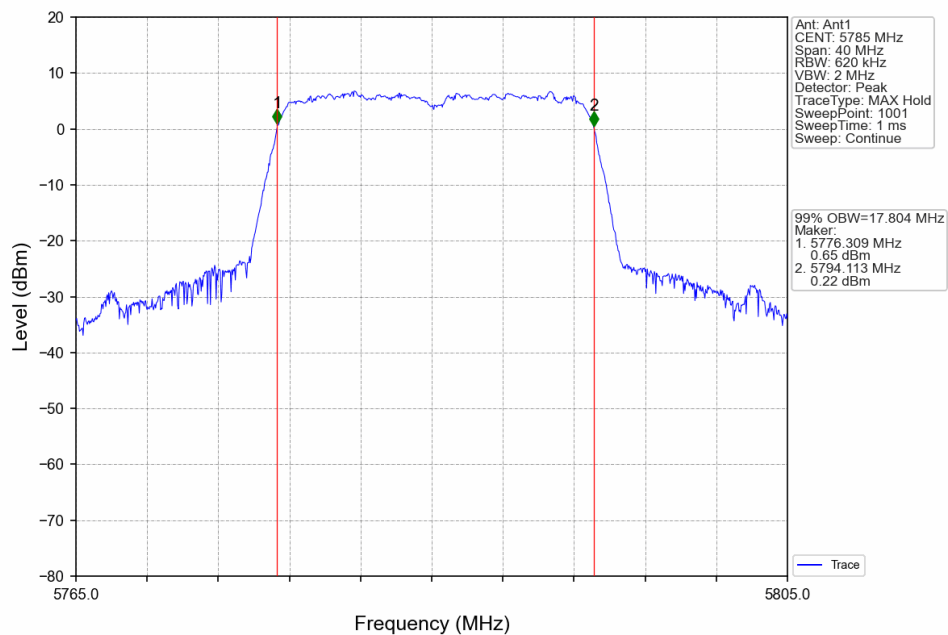
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5745	1	17.819	Pass
			2	17.795	Pass
		5785	1	17.804	Pass
			2	17.794	Pass
		5825	1	17.797	Pass
			2	17.801	Pass
802.11n (HT20)	SISO	5745	1	17.818	Pass
			2	17.798	Pass
		5785	1	17.793	Pass
			2	17.809	Pass
		5825	1	17.797	Pass
			2	17.793	Pass
802.11n (HT40)	SISO	5755	1	36.712	Pass
			2	36.771	Pass
		5795	1	36.661	Pass
			2	36.666	Pass
802.11n (HT20)	MIMO	5745	1	18.002	Pass
			2	17.832	Pass
		5785	1	17.897	Pass
			2	17.783	Pass
		5825	1	17.852	Pass
			2	17.789	Pass
802.11n (HT40)	MIMO	5755	1	36.699	Pass
			2	36.726	Pass
		5795	1	36.666	Pass
			2	36.644	Pass
802.11ac (VHT20)	SISO	5745	1	17.771	Pass
			2	17.746	Pass
		5785	1	17.757	Pass
			2	17.742	Pass
		5825	1	17.748	Pass
			2	17.733	Pass
802.11ac (VHT40)	SISO	5755	1	36.384	Pass
			2	36.444	Pass
		5795	1	36.345	Pass
			2	36.340	Pass
802.11ac (VHT80)	SISO	5775	1	75.095	Pass
			2	75.106	Pass
802.11ac (VHT20)	MIMO	5745	1	17.792	Pass
			2	17.747	Pass
		5785	1	17.739	Pass
			2	17.729	Pass
		5825	1	17.748	Pass
			2	17.749	Pass
802.11ac (VHT40)	MIMO	5755	1	36.420	Pass
			2	36.474	Pass
		5795	1	36.339	Pass

			2	36.359	Pass
802.11ac (VHT80)	MIMO	5775	1	75.078	Pass
			2	75.052	Pass

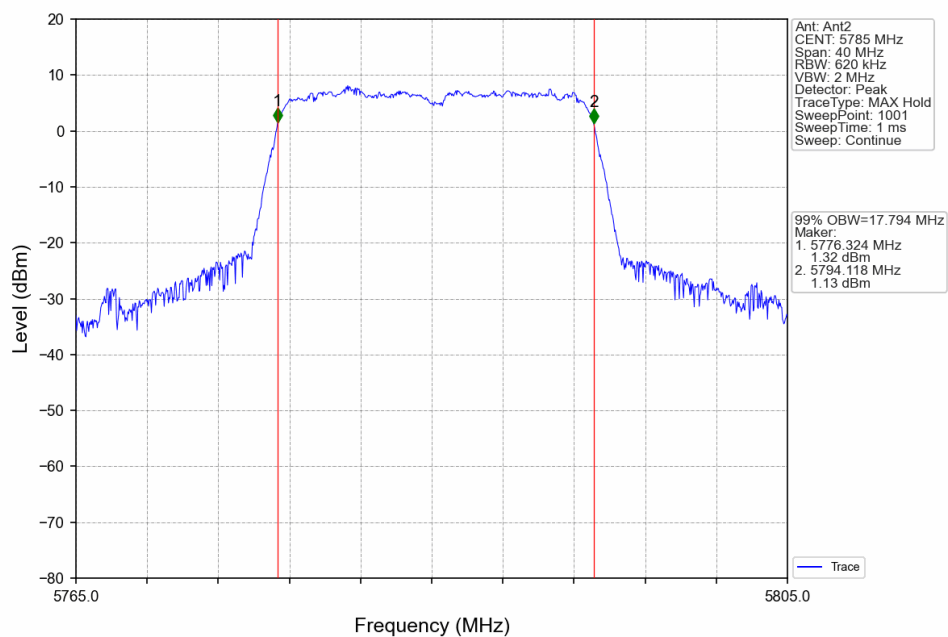
2.1.2 Test Graph



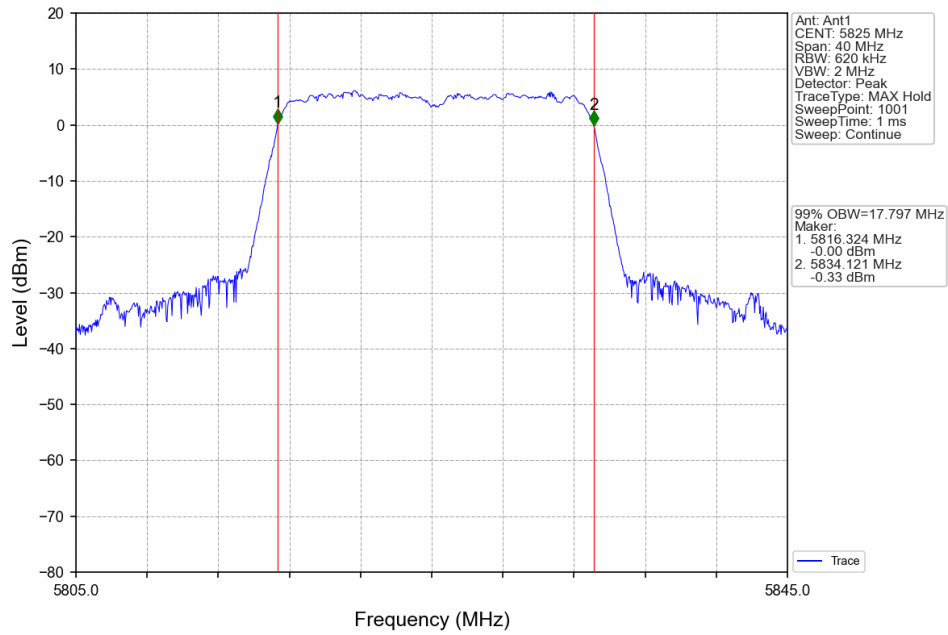
802.11a_MCH_5785MHz_Ant1_NTNV_SISO



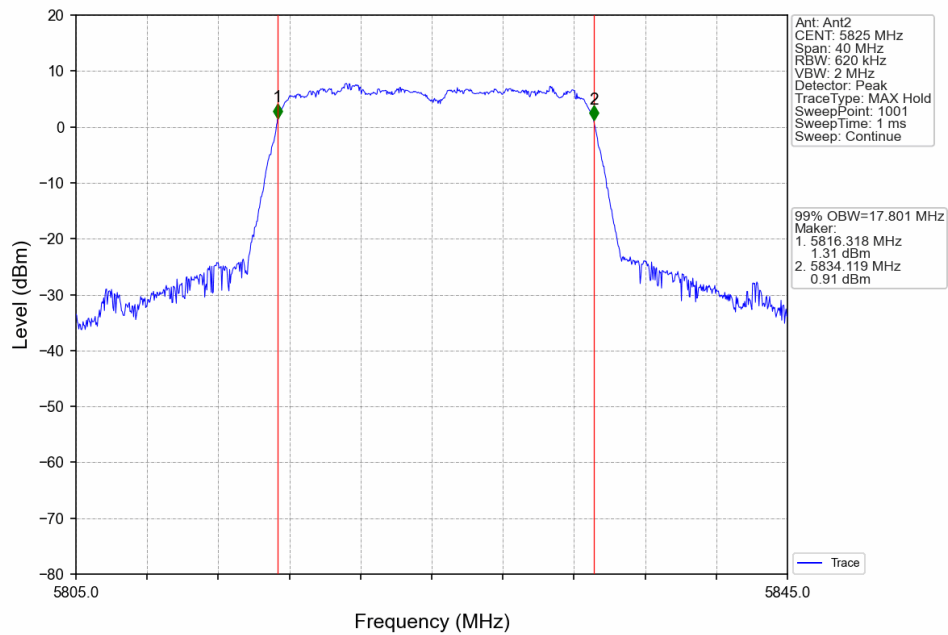
802.11a_MCH_5785MHz_Ant2_NTNV_SISO



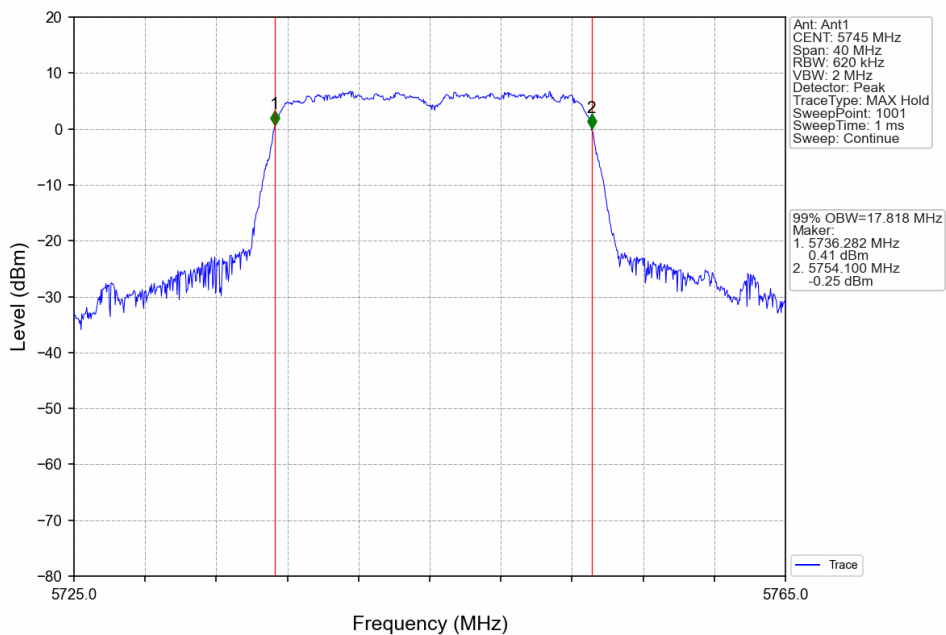
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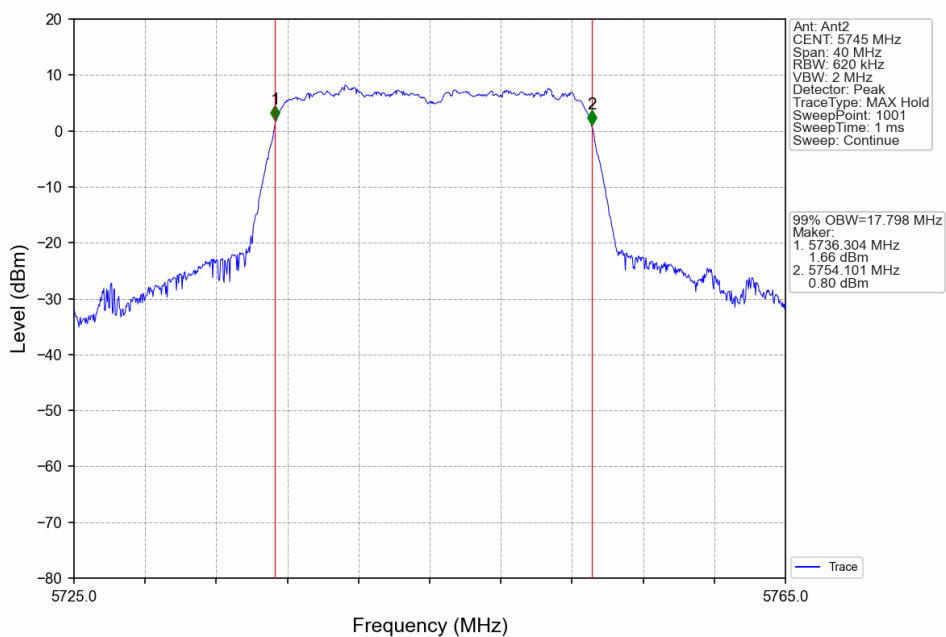
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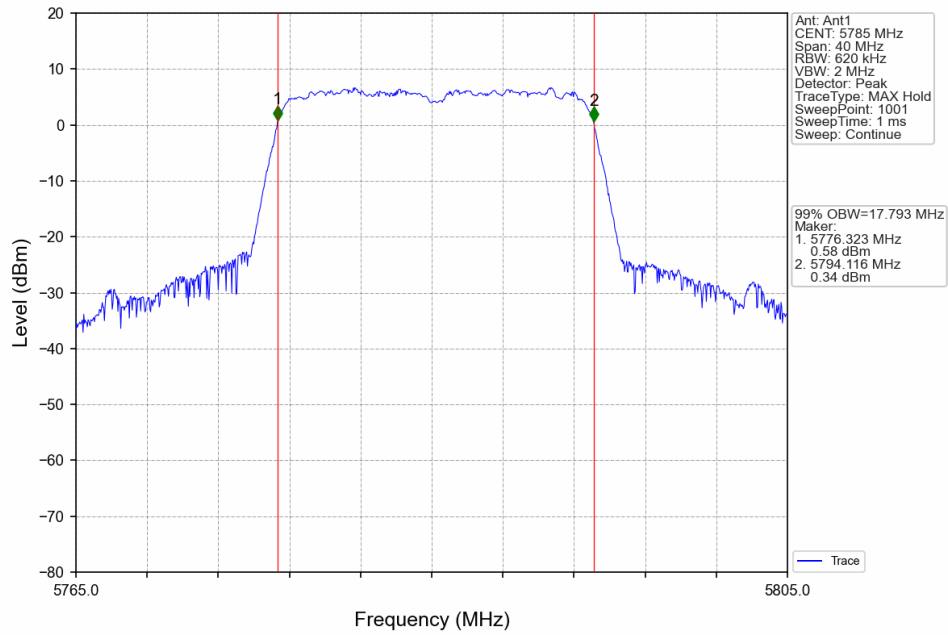
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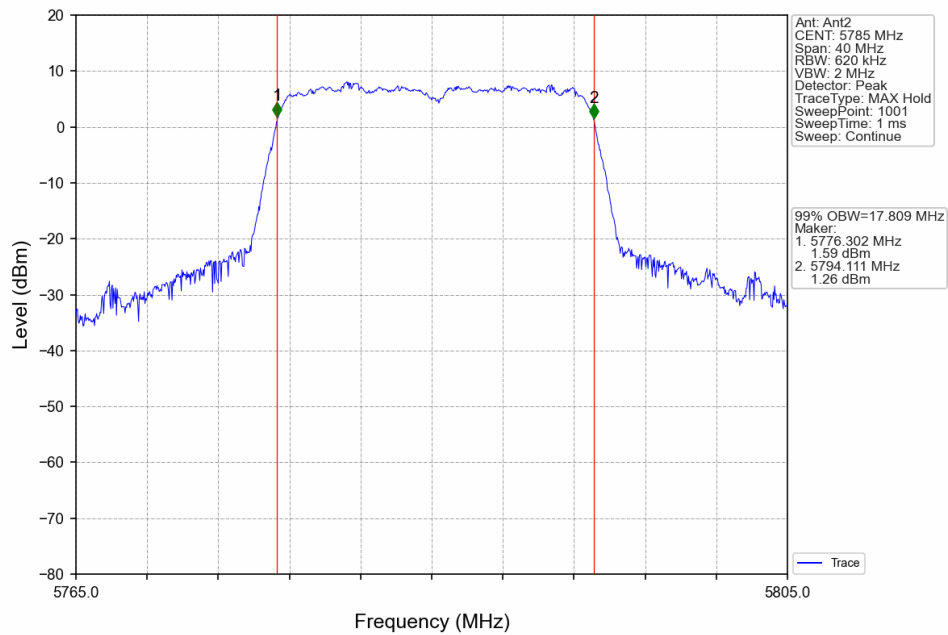
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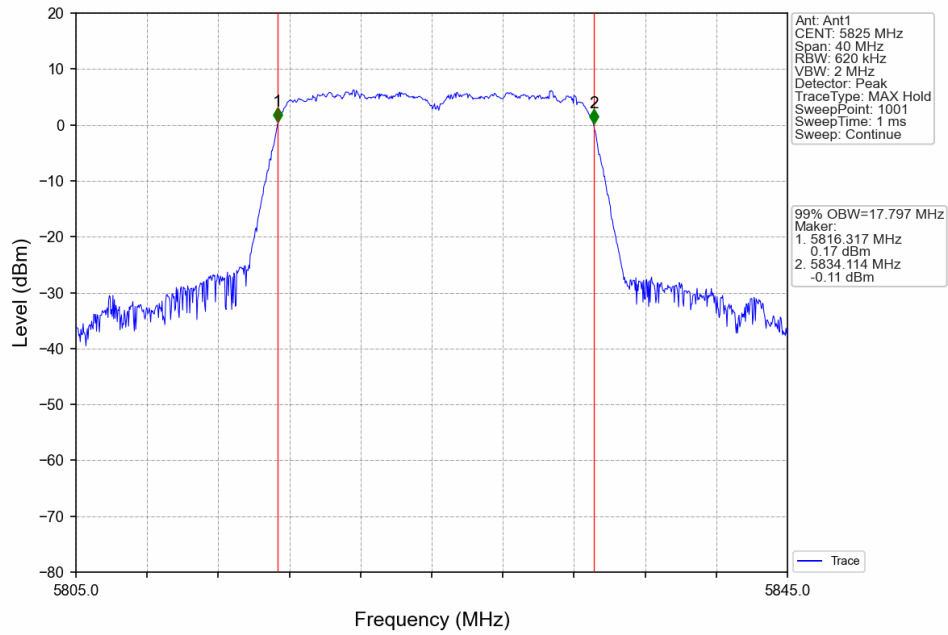
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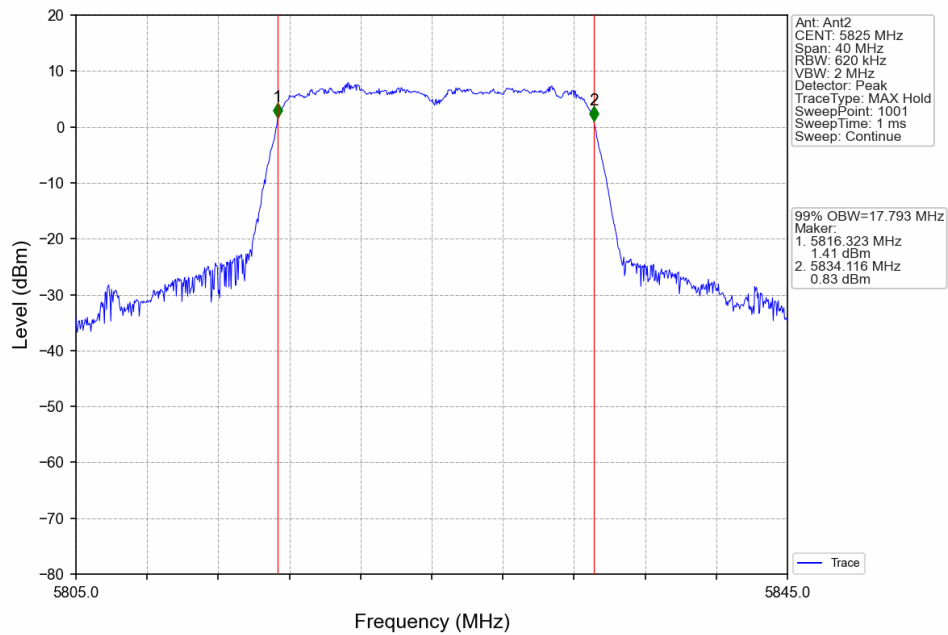
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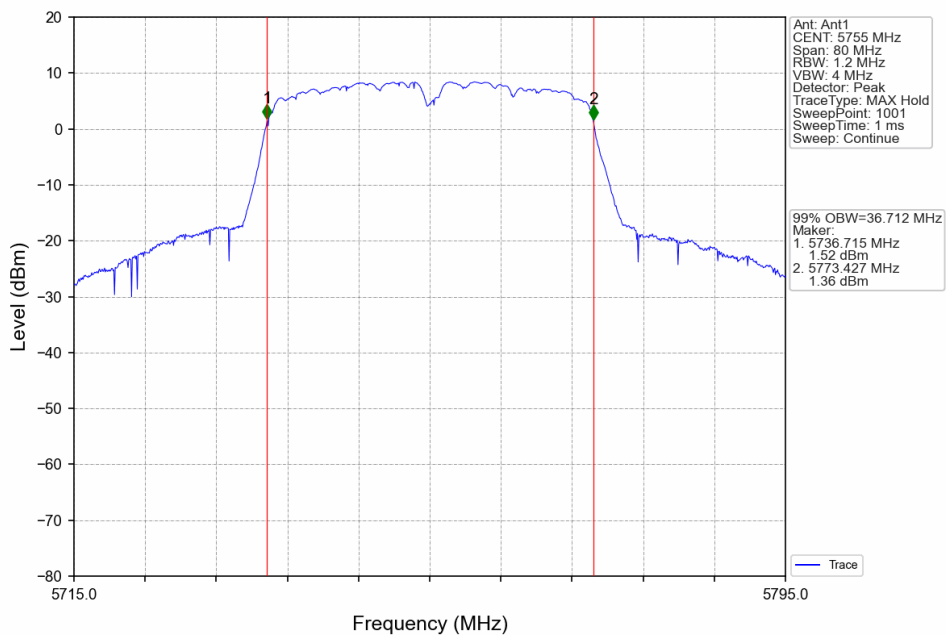
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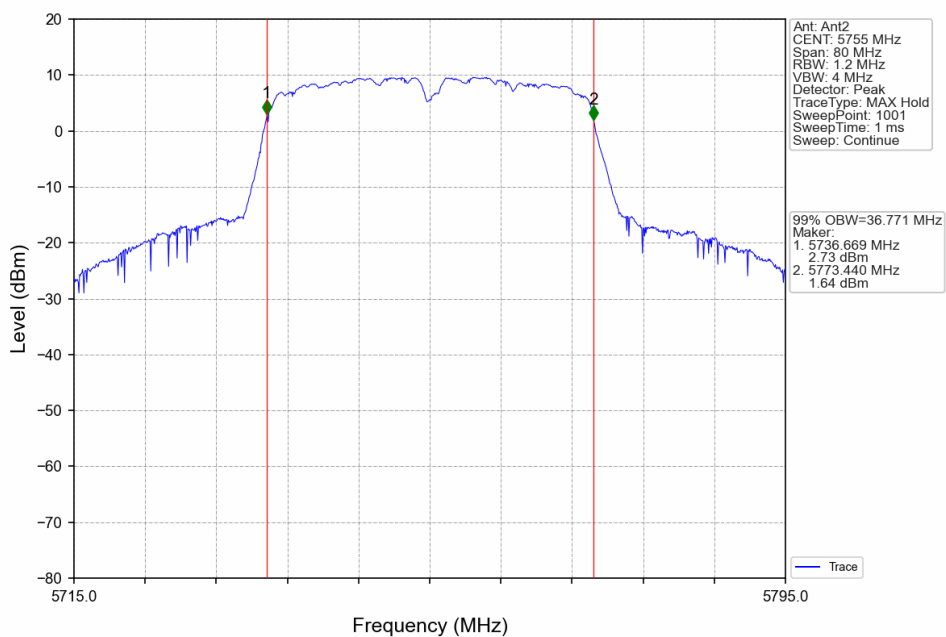
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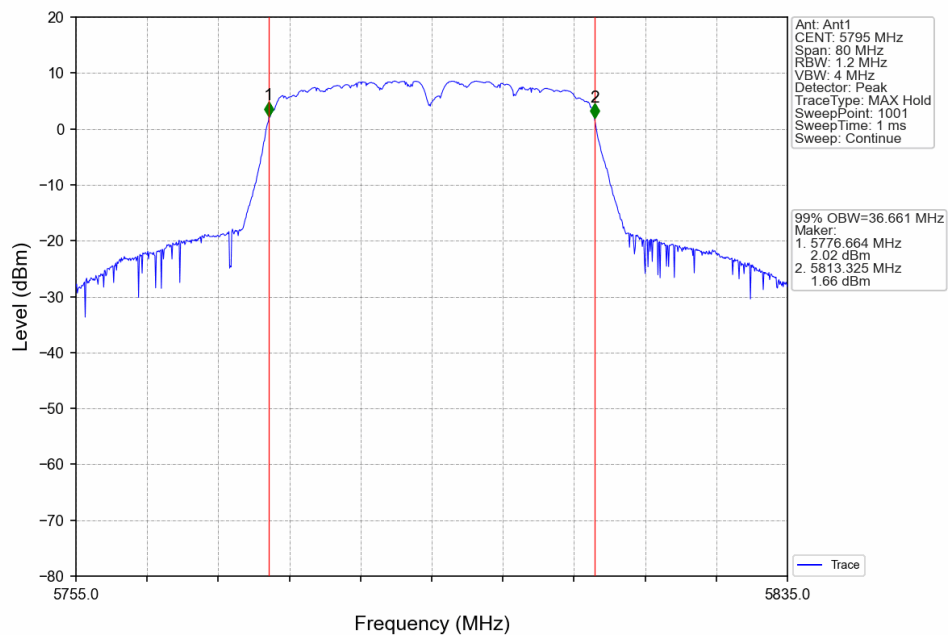
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV_SISO



802.11n(HT40)_LCH_5755MHz_Ant2_NTNV_SISO



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV_SISO



802.11n(HT40)_HCH_5795MHz_Ant2_NTNV_SISO

