

ANT1: Main antenna

ANT2: Secondary antenna

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	1.397	1.460	95.68	0.19	0.03
		5200	1.396	1.459	95.68	0.19	0.03
		5240	1.362	2.365	57.59	2.40	0.03
		5745	1.361	2.364	57.57	2.40	0.03
		5785	1.361	2.364	57.57	2.40	0.03
		5825	1.362	2.365	57.59	2.40	0.03
802.11n (HT20)	SISO	5180	1.273	2.277	55.91	2.53	0.02
		5200	1.273	2.276	55.93	2.52	0.04
		5240	1.273	2.276	55.93	2.52	0.04
		5745	1.273	2.277	55.91	2.53	0.04
		5785	1.274	2.277	55.95	2.52	0.02
		5825	1.273	2.276	55.93	2.52	0.04
802.11n (HT40)	SISO	5190	0.634	1.637	38.73	4.12	0.03
		5230	0.633	1.637	38.67	4.13	0.03
		5755	0.634	1.637	38.73	4.12	0.03
		5795	0.634	1.637	38.73	4.12	0.02
802.11ac (VHT20)	SISO	5180	1.278	2.281	56.03	2.52	0.04
		5200	1.277	2.280	56.01	2.52	0.02
		5240	1.278	2.281	56.03	2.52	0.04
		5745	1.274	2.277	55.95	2.52	0.04
		5785	1.273	2.276	55.93	2.52	0.02
		5825	1.278	2.281	56.03	2.52	0.02
802.11ac (VHT40)	SISO	5190	0.634	1.637	38.73	4.12	0.03
		5230	0.638	1.641	38.88	4.10	0.03
		5755	0.633	1.636	38.69	4.12	0.03
		5795	0.637	1.641	38.82	4.11	0.03

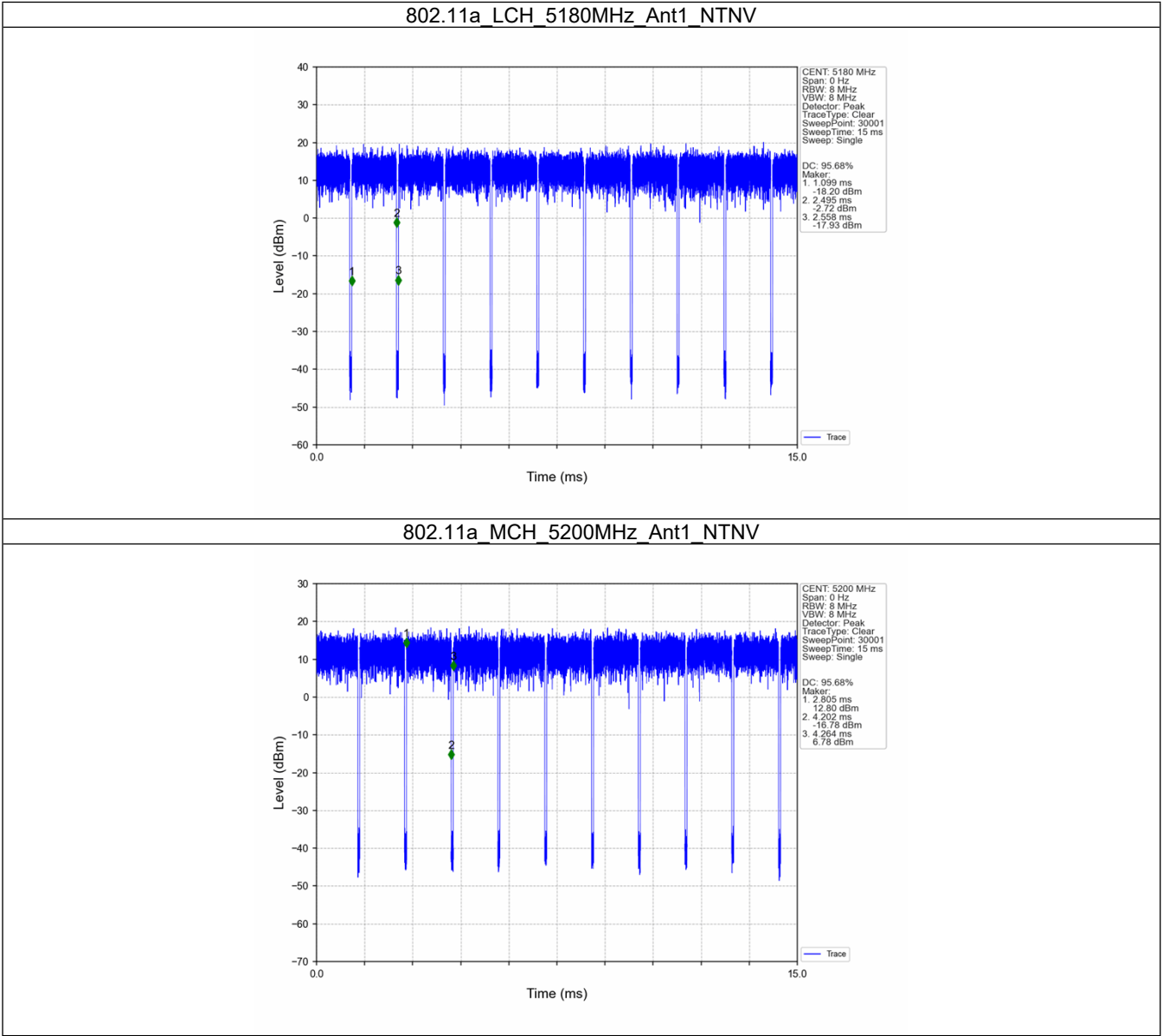
1.1.2 Ant2

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	100.000	100.000	100.00	0.00	0.00
		5200	1.397	1.459	95.75	0.19	0.63
		5240	1.393	1.644	84.73	0.72	4.40
		5745	1.393	1.680	82.92	0.81	6.20
		5785	1.393	1.644	84.73	0.72	4.92
		5825	1.393	1.662	83.81	0.77	5.33
802.11n (HT20)	SISO	5180	1.175	1.355	86.72	0.62	0.60
		5200	1.174	1.678	69.96	1.55	17.93
		5240	1.174	1.425	82.39	0.84	4.98

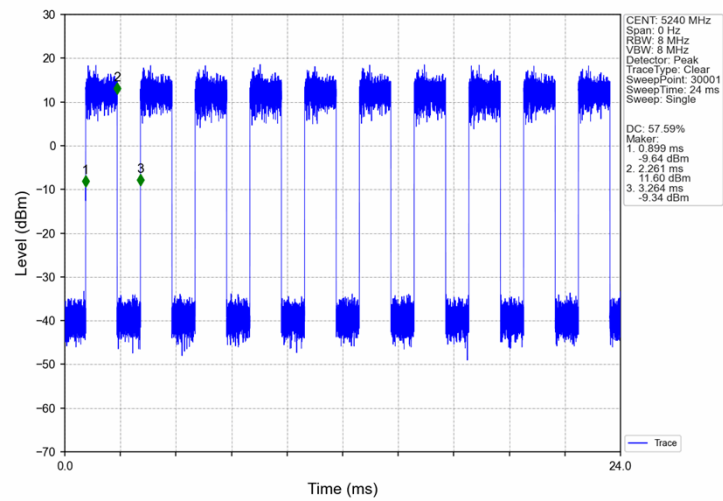
		5745	1.174	1.435	81.81	0.87	5.52
		5785	1.174	1.435	81.81	0.87	5.52
		5825	1.174	1.363	86.13	0.65	1.78
802.11n (HT40)	SISO	5190	0.587	0.838	70.05	1.55	7.52
		5230	0.587	0.873	67.24	1.72	11.32
		5755	0.587	0.838	70.05	1.55	7.52
		5795	0.587	0.865	67.86	1.68	10.60
802.11ac (VHT20)	SISO	5180	1.186	1.473	80.52	0.94	6.96
		5200	1.186	1.464	81.01	0.91	6.44
		5240	1.186	1.464	81.01	0.91	7.02
		5745	1.185	1.400	84.64	0.72	2.83
		5785	1.185	1.365	86.81	0.61	1.73
		5825	1.186	1.437	82.53	0.83	4.94
802.11ac (VHT40)	SISO	5190	0.592	0.851	69.57	1.58	8.26
		5230	0.592	0.869	68.12	1.67	10.58
		5755	0.592	0.870	68.05	1.67	9.69
		5795	0.592	0.869	68.12	1.67	9.70

1.2 Test Graph

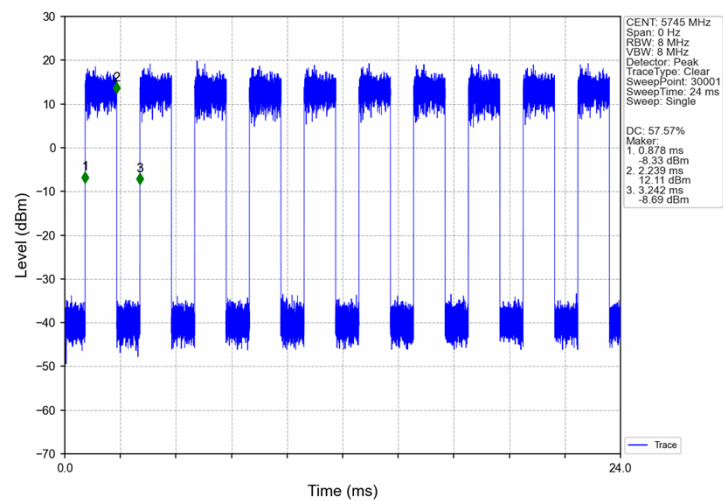
1.2.1 Ant1



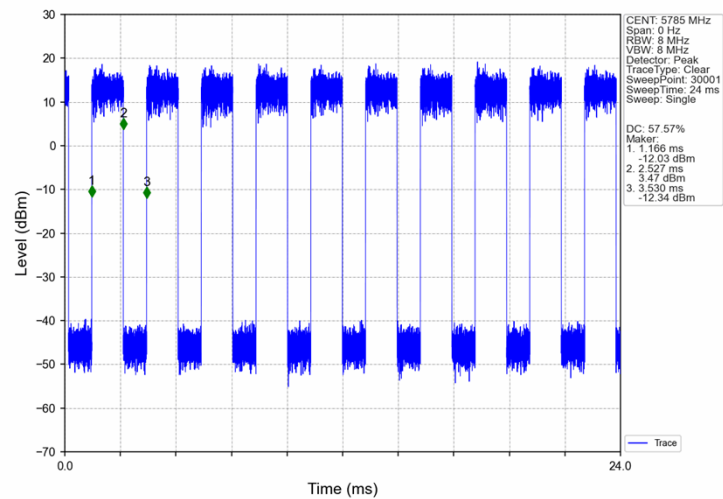
802.11a_HCH_5240MHz_Ant1_NTNV



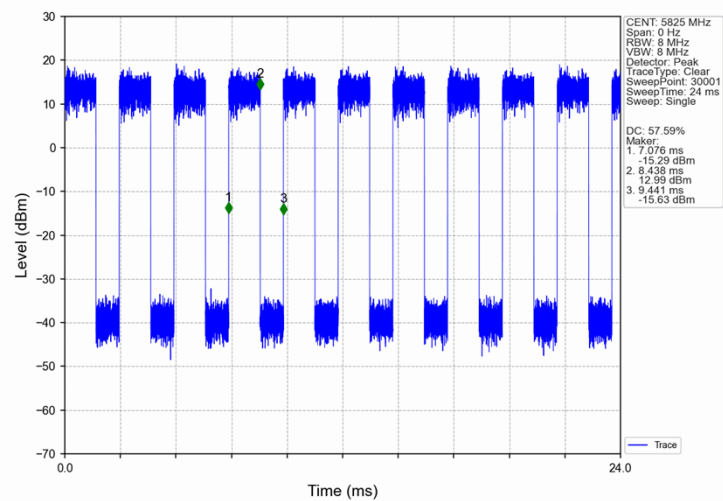
802.11a_LCH_5745MHz_Ant1_NTNV



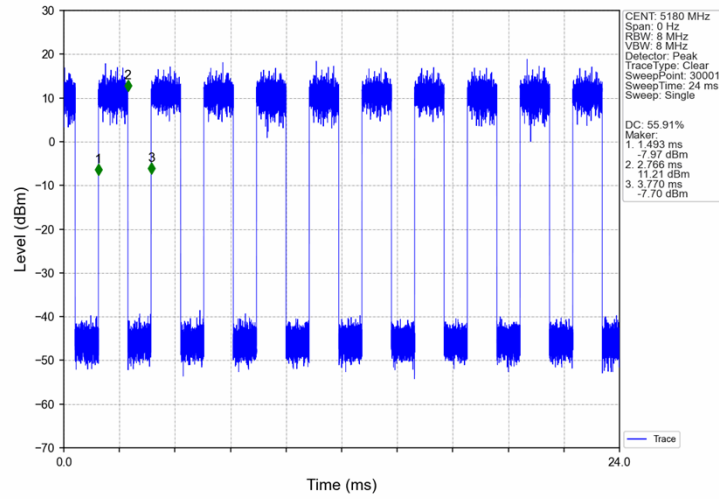
802.11a_MCH_5785MHz_Ant1_NTNV



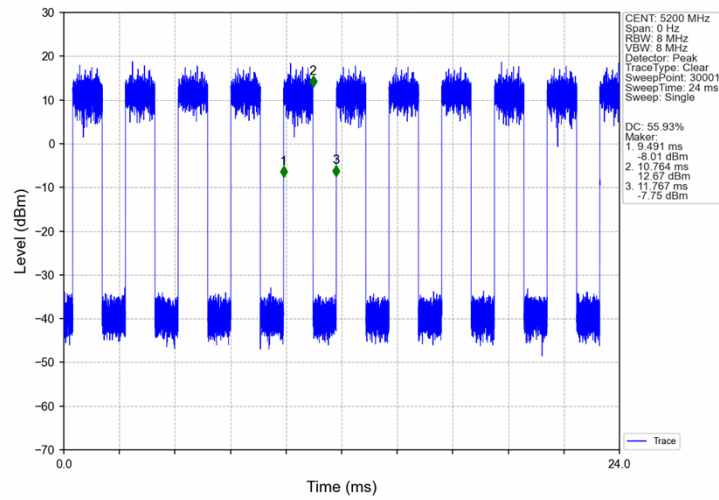
802.11a_HCH_5825MHz_Ant1_NTNV



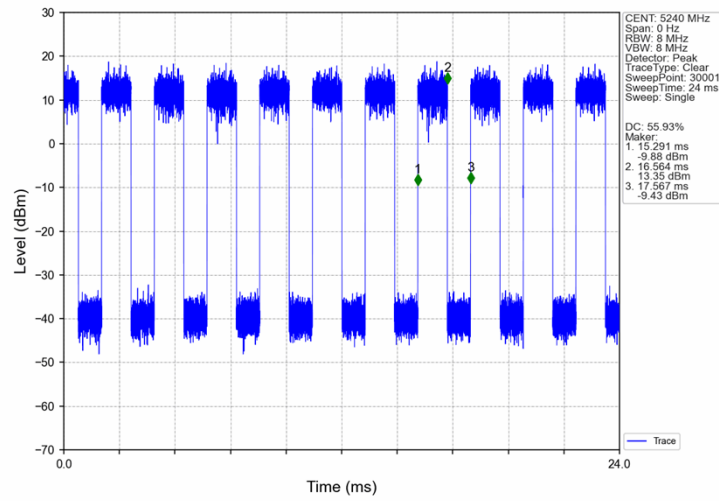
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



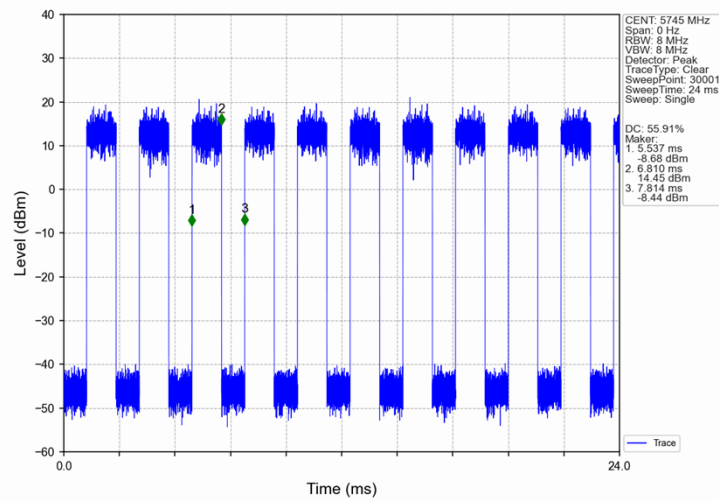
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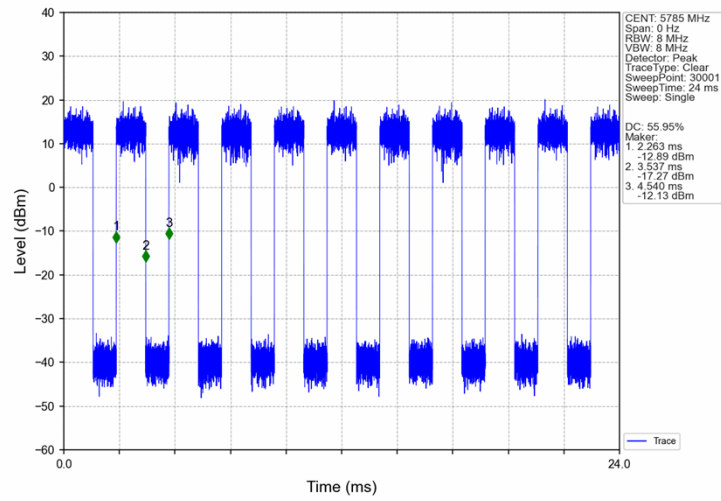
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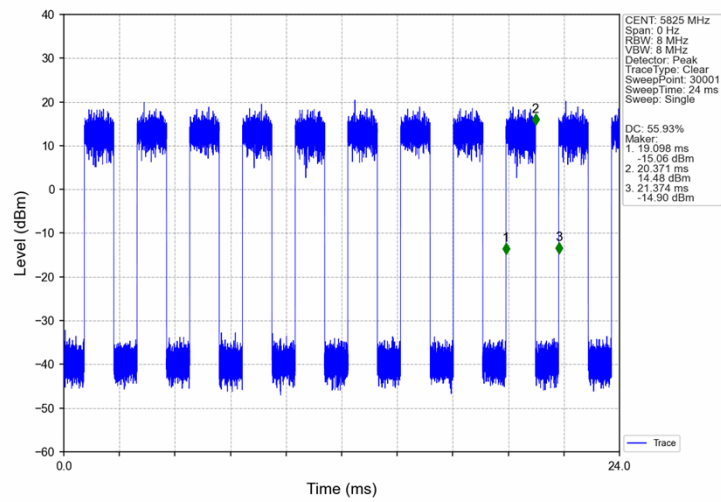
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



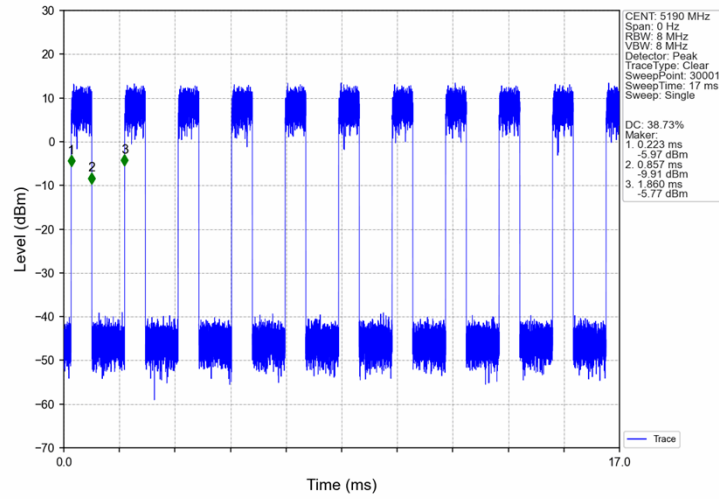
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



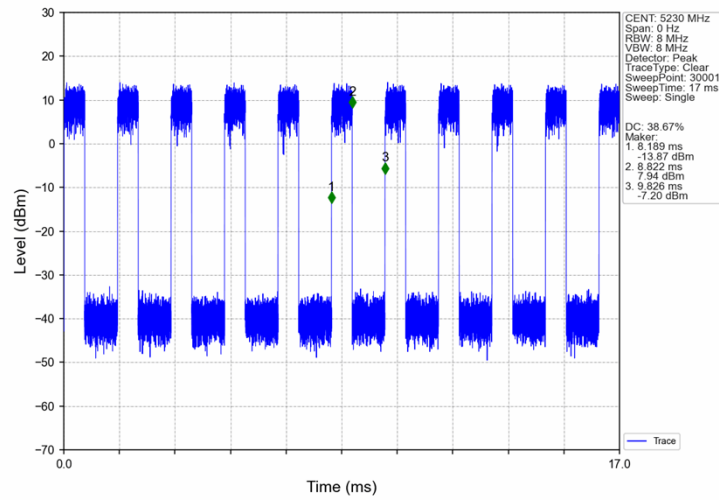
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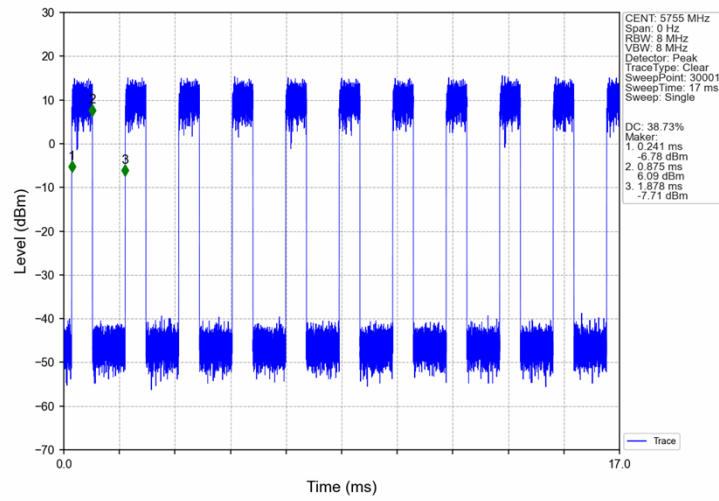
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



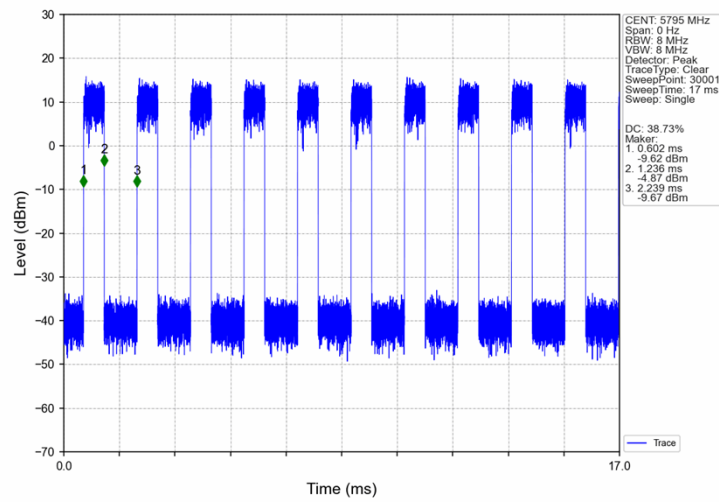
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



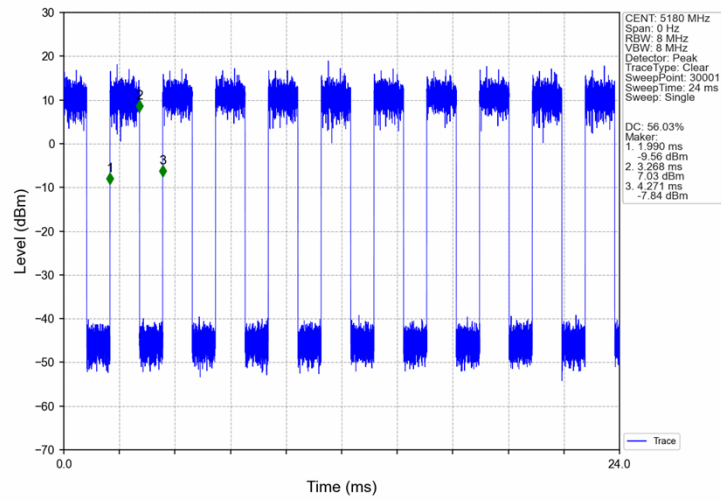
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



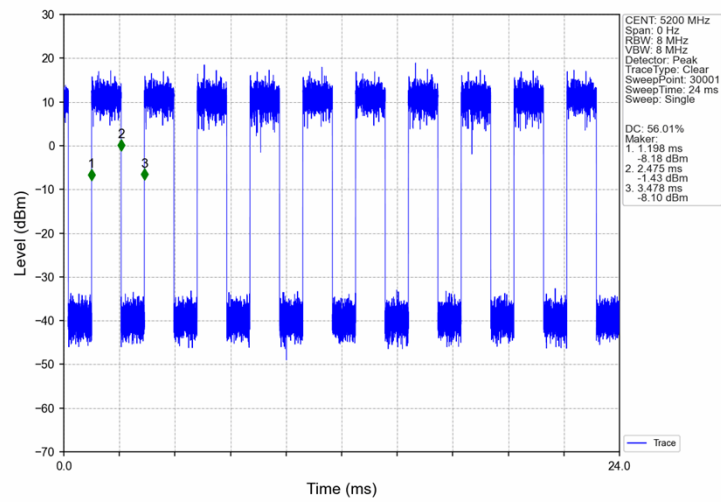
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



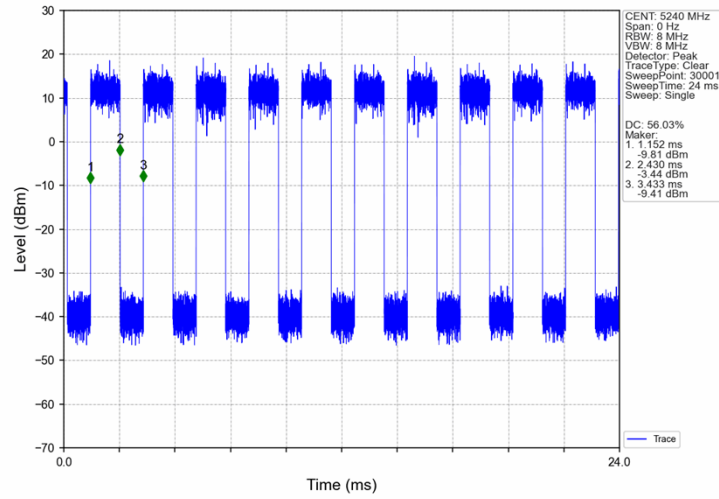
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



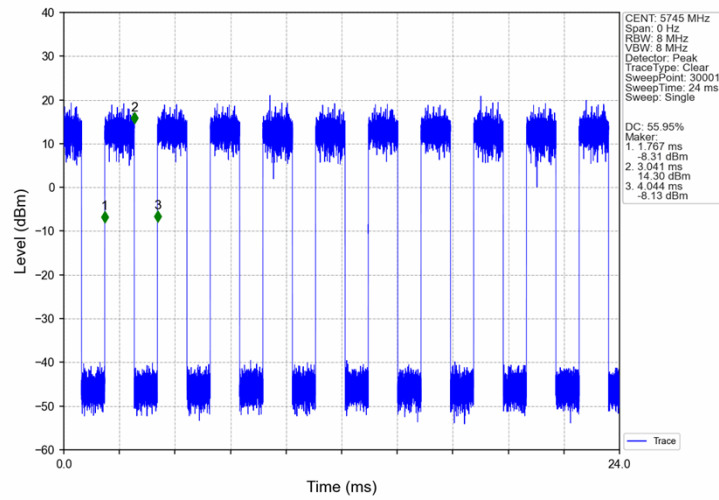
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



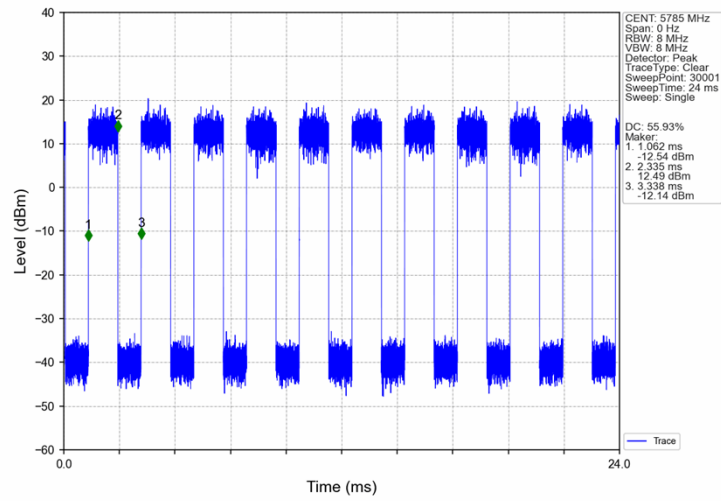
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



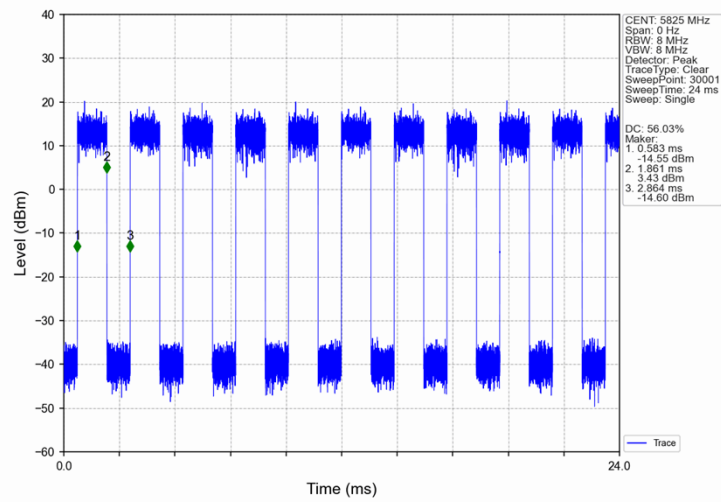
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



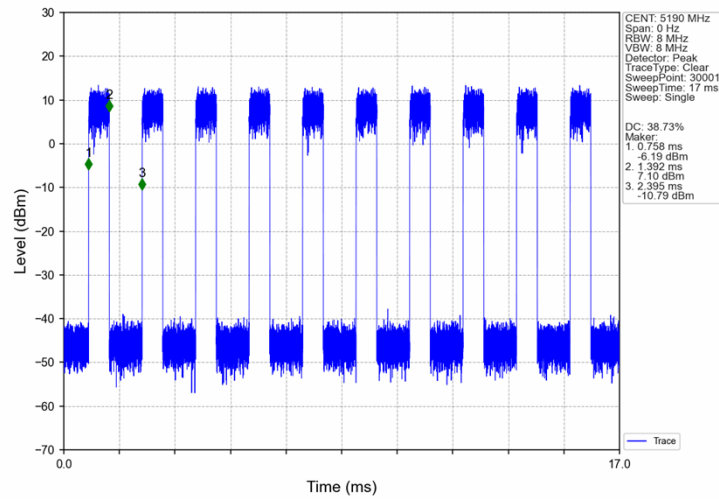
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



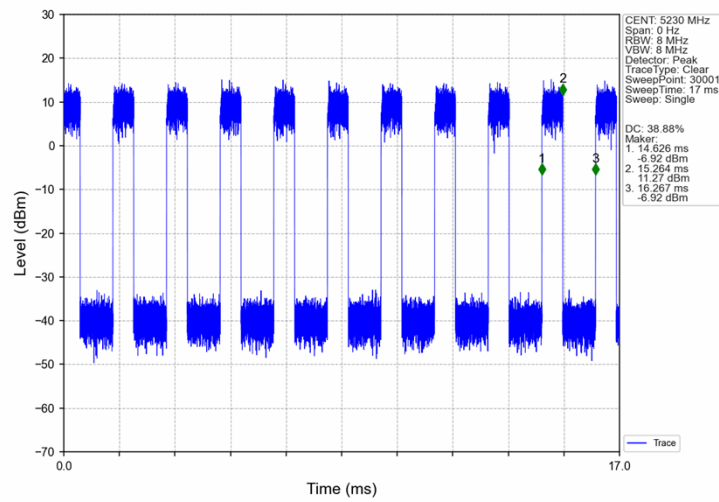
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



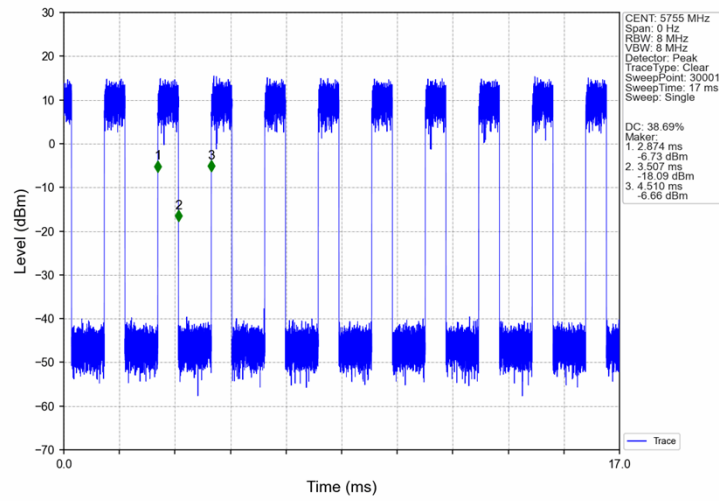
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



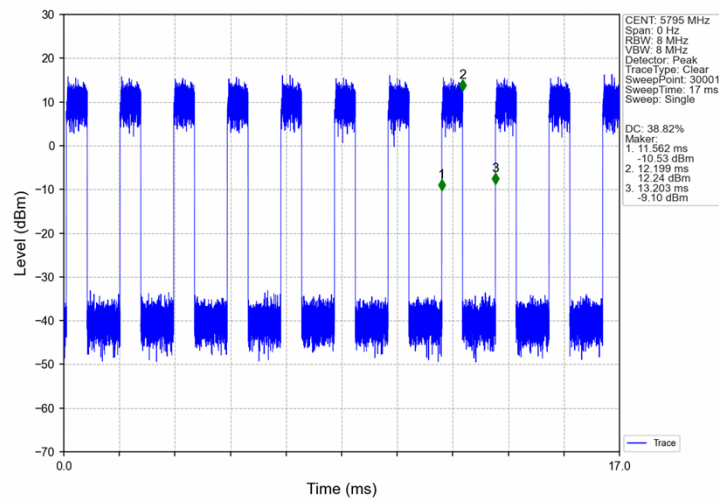
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

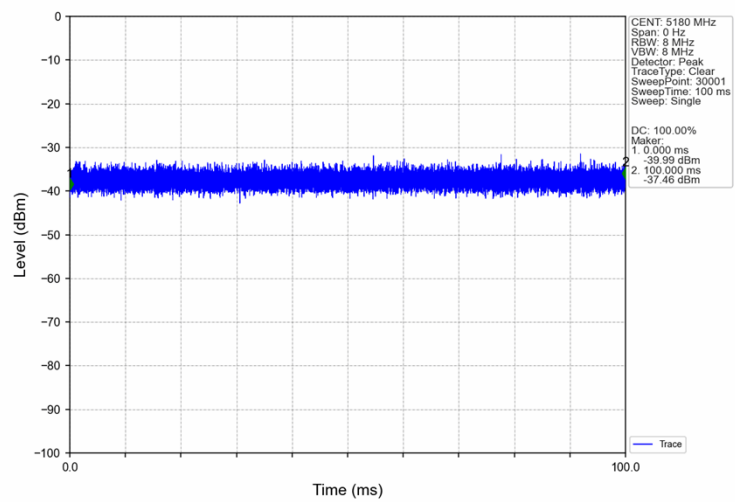


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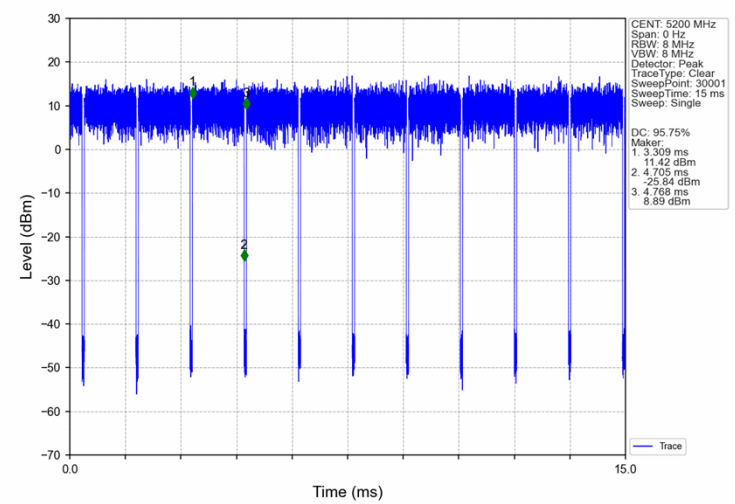


1.2.2 Ant2

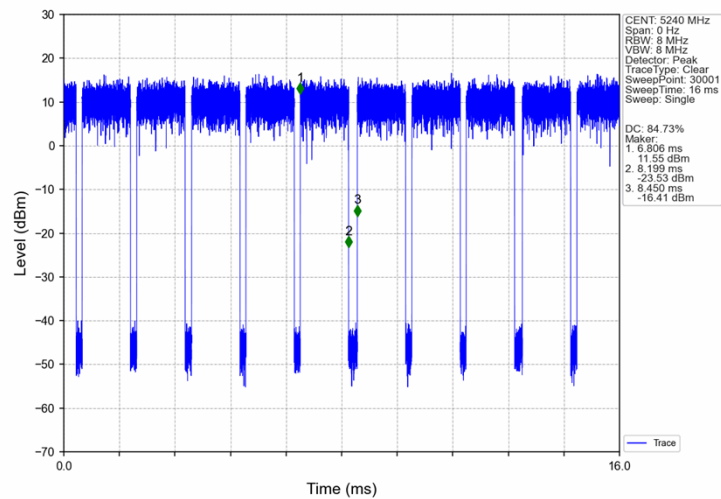
802.11a_LCH_5180MHz_Ant2_NTNV



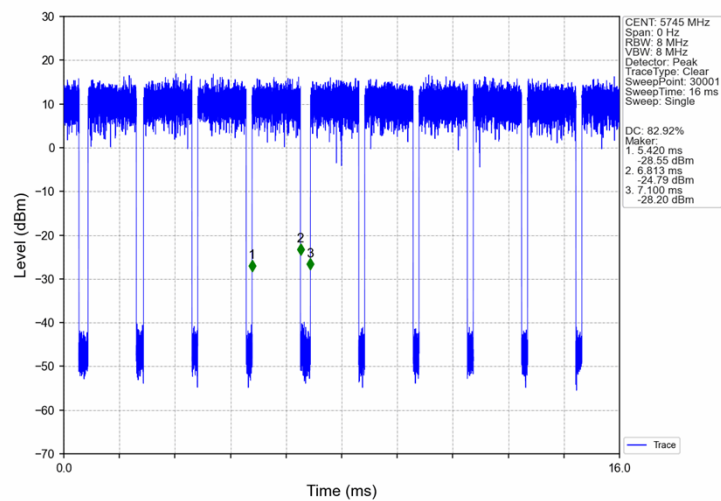
802.11a_MCH_5200MHz_Ant2_NTNV



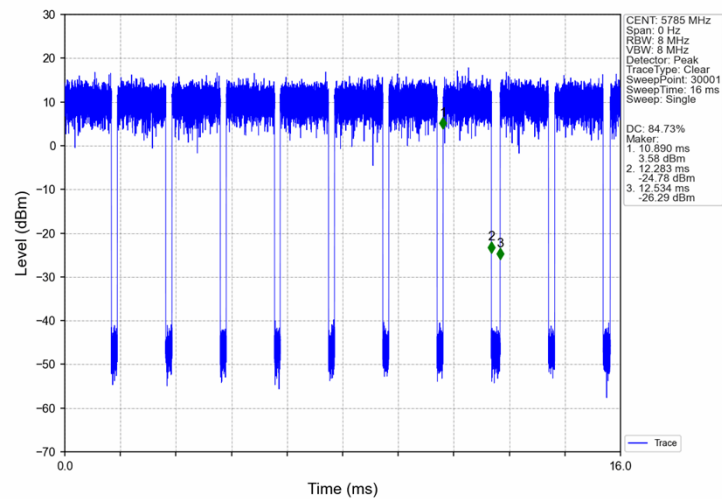
802.11a_HCH_5240MHz_Ant2_NTNV



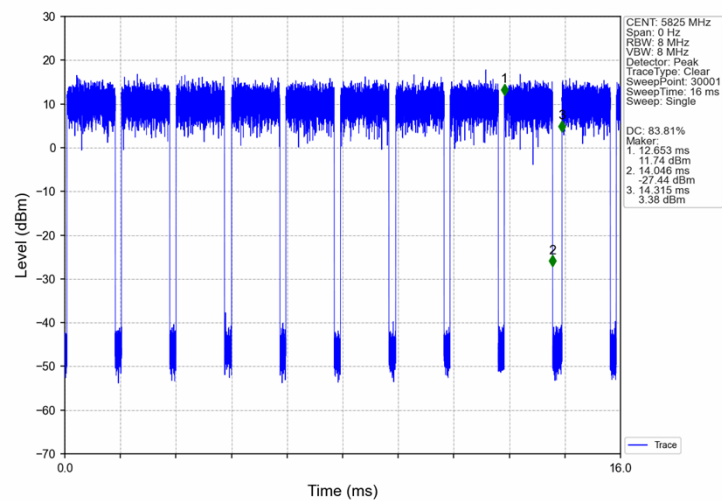
802.11a_LCH_5745MHz_Ant2_NTNV



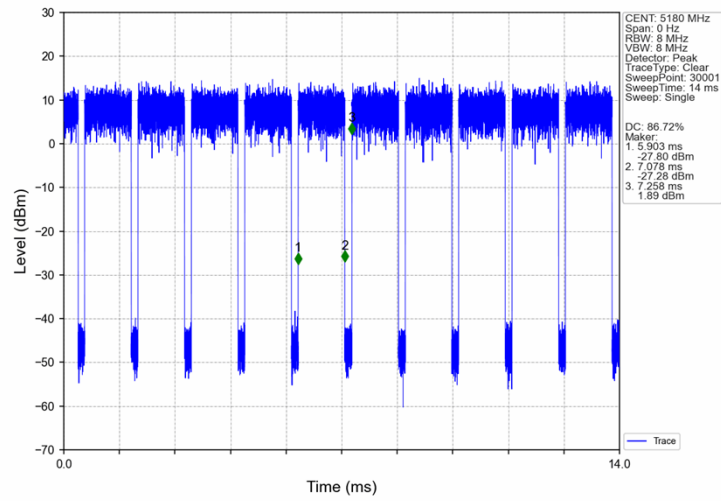
802.11a_MCH_5785MHz_Ant2_NTNV



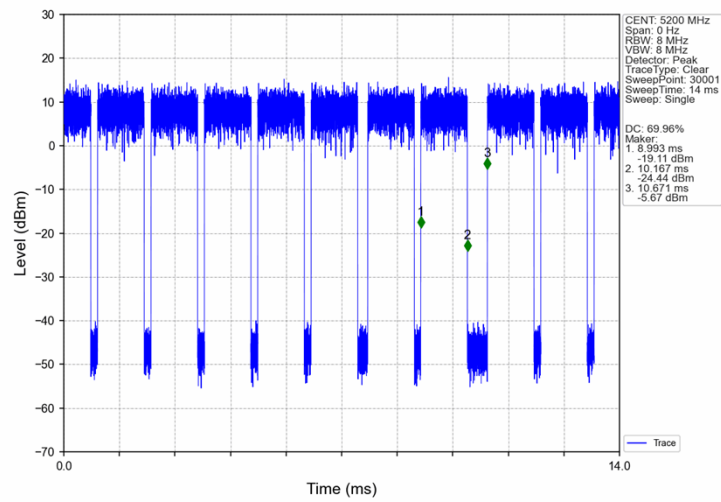
802.11a_HCH_5825MHz_Ant2_NTNV



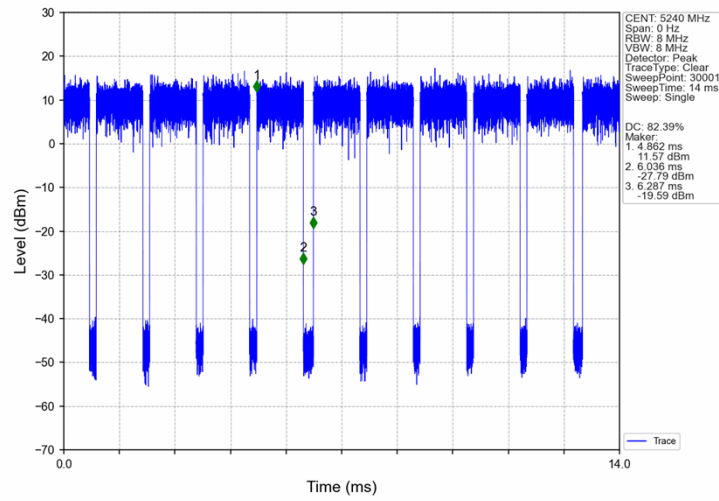
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20) HCH 5240MHz_Ant2_NTNV



802.11n(HT20) LCH 5745MHz_Ant2_NTNV

