

Appendix RF test data for WIFI5G

1. Duty Cycle

1.1 Test Result

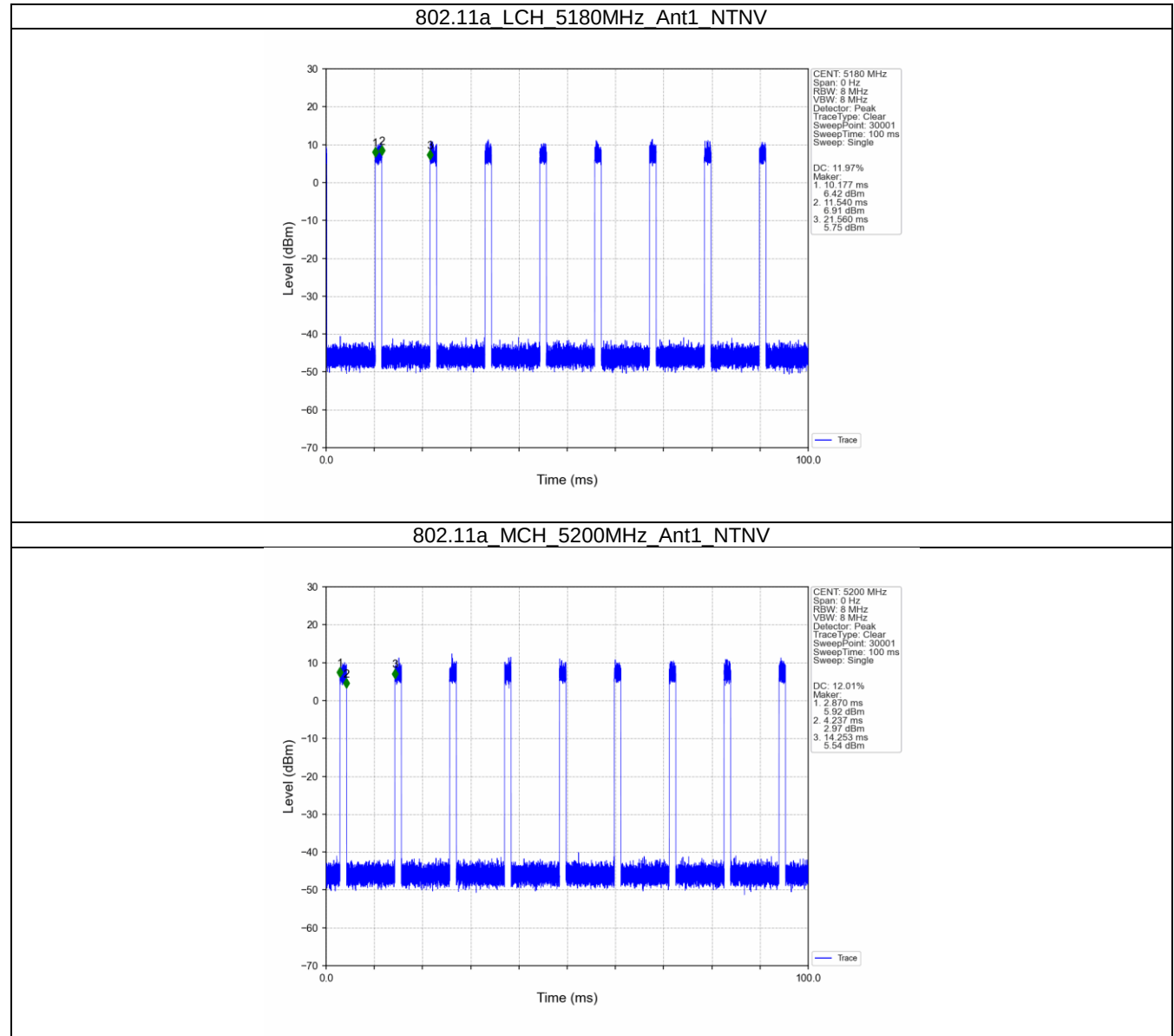
1.1.1 Ant1

Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.363	11.383	11.97	9.22	0.03
		5200	/	/	1.367	11.383	12.01	9.20	0.00
		5240	/	/	1.364	11.380	11.99	9.21	0.03
		5260	/	/	1.367	11.387	12.00	9.21	0.00
		5300	/	/	1.364	11.387	11.98	9.22	0.03
		5320	/	/	1.364	11.384	11.98	9.21	0.03
		5500	/	/	1.367	12.483	10.95	9.61	0.01
		5580	/	/	1.364	11.384	11.98	9.21	0.03
		5700	/	/	1.363	11.383	11.97	9.22	0.03
		5745	/	/	1.364	11.380	11.99	9.21	0.03
		5785	/	/	1.366	11.923	11.46	9.41	0.55
		5825	/	/	1.363	11.386	11.97	9.22	0.03
802.11n (HT20)	SISO	5180	/	/	1.277	11.377	11.22	9.50	0.11
		5200	/	/	1.276	11.296	11.30	9.47	0.03
		5240	/	/	1.277	11.303	11.30	9.47	0.01
		5260	/	/	1.276	11.300	11.29	9.47	0.03
		5300	/	/	1.277	11.297	11.30	9.47	0.03
		5320	/	/	1.277	11.300	11.30	9.47	0.03
		5500	/	/	1.277	11.300	11.30	9.47	0.03
		5580	/	/	1.277	11.297	11.30	9.47	0.03
		5700	/	/	1.276	11.300	11.29	9.47	0.03
		5745	/	/	1.277	11.297	11.30	9.47	0.03
		5785	/	/	1.277	11.293	11.31	9.47	0.03
		5825	/	/	1.277	11.297	11.30	9.47	0.03
802.11n (HT40)	SISO	5190	/	/	0.636	10.656	5.97	12.24	0.03
		5230	/	/	0.637	10.660	5.98	12.24	0.04
		5270	/	/	0.637	10.947	5.82	12.35	0.03
		5310	/	/	0.636	10.656	5.97	12.24	0.03
		5510	/	/	0.637	10.660	5.98	12.24	0.04
		5550	/	/	0.637	10.657	5.98	12.23	0.03
		5670	/	/	0.636	10.656	5.97	12.24	0.03
		5755	/	/	0.637	10.660	5.98	12.24	0.04
802.11ac (VHT20)	SISO	5795	/	/	0.637	10.654	5.98	12.23	0.03
		5180	/	/	1.287	11.387	11.30	9.47	0.09
		5200	/	/	1.287	11.310	11.38	9.44	0.01
		5240	/	/	1.283	11.306	11.35	9.45	0.03
		5260	/	/	1.283	11.307	11.35	9.45	0.03
		5300	/	/	1.284	11.304	11.36	9.45	0.03
		5320	/	/	1.286	11.306	11.37	9.44	0.00
		5500	/	/	1.287	11.307	11.38	9.44	0.01
		5580	/	/	1.286	11.310	11.37	9.44	0.00
		5700	/	/	1.286	11.310	11.37	9.44	0.01
		5745	/	/	1.283	11.310	11.34	9.45	0.04
		5785	/	/	1.287	11.310	11.38	9.44	0.01
802.11ac (VHT40)	SISO	5825	/	/	1.287	11.780	10.93	9.62	0.46
		5190	/	/	0.640	10.666	6.00	12.22	0.04
		5230	/	/	0.640	10.660	6.00	12.22	0.03
		5270	/	/	0.640	10.663	6.00	12.22	0.03
		5310	/	/	0.640	10.663	6.00	12.22	0.04
802.11ac (VHT40)	SISO	5510	/	/	0.640	10.663	6.00	12.22	0.03

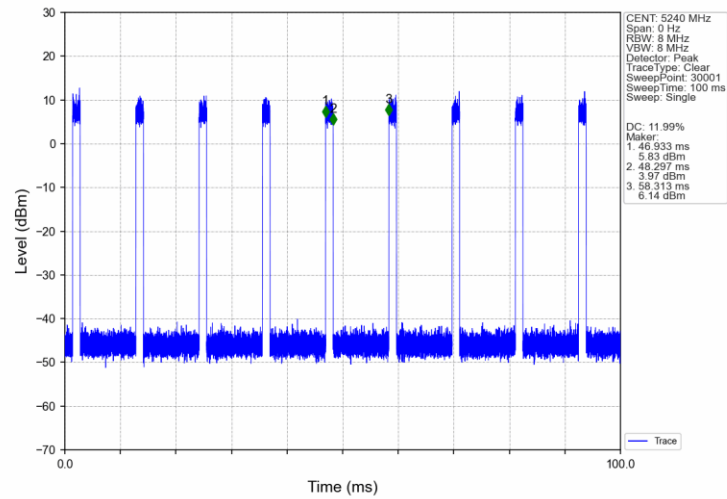
		5550	/	/	0.640	10.947	5.85	12.33	0.03
		5670	/	/	0.640	10.664	6.00	12.22	0.03
		5755	/	/	0.644	11.014	5.85	12.33	0.20
		5795	/	/	0.640	10.660	6.00	12.22	0.03
802.11ax (HEW20)	SISO	5180	SU	/	0.996	11.016	9.04	10.44	0.03
		5200	SU	/	0.997	11.013	9.05	10.43	0.06
		5240	SU	/	1.000	11.020	9.07	10.42	0.03
		5260	SU	/	1.000	11.017	9.08	10.42	0.03
		5300	SU	/	1.000	11.020	9.07	10.42	0.03
		5320	SU	/	1.000	11.020	9.07	10.42	0.03
		5500	SU	/	0.997	11.014	9.05	10.43	0.03
		5580	SU	/	0.996	11.020	9.04	10.44	0.03
		5700	SU	/	0.997	11.014	9.05	10.43	0.03
		5745	SU	/	1.000	11.073	9.03	10.44	0.04
		5785	SU	/	1.000	11.123	8.99	10.46	0.08
		5825	SU	/	1.000	11.110	9.00	10.46	0.08
802.11ax (HEW40)	SISO	5190	SU	/	0.530	10.553	5.02	12.99	0.03
		5230	SU	/	0.530	10.557	5.02	12.99	0.04
		5270	SU	/	0.530	10.557	5.02	12.99	0.04
		5310	SU	/	0.530	10.550	5.02	12.99	0.03
		5510	SU	/	0.530	10.550	5.02	12.99	0.03
		5550	SU	/	0.530	10.550	5.02	12.99	0.03
		5670	SU	/	0.530	10.550	5.02	12.99	0.03
		5755	SU	/	0.530	10.553	5.02	12.99	0.03
		5795	SU	/	0.530	10.550	5.02	12.99	0.03

1.2 Test Graph

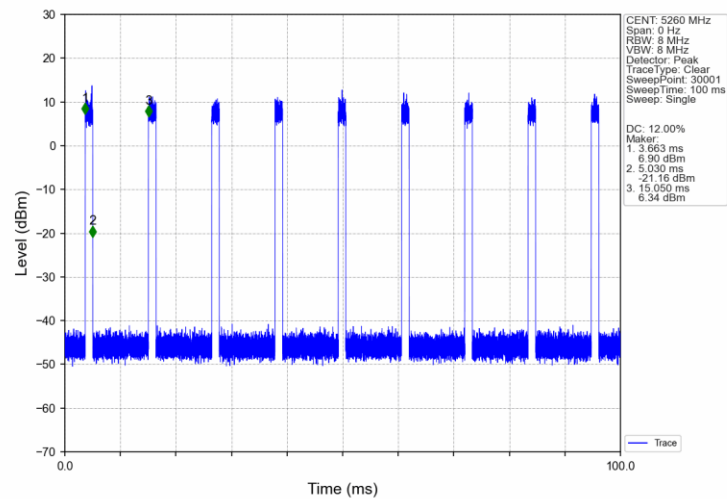
1.2.1 Ant1



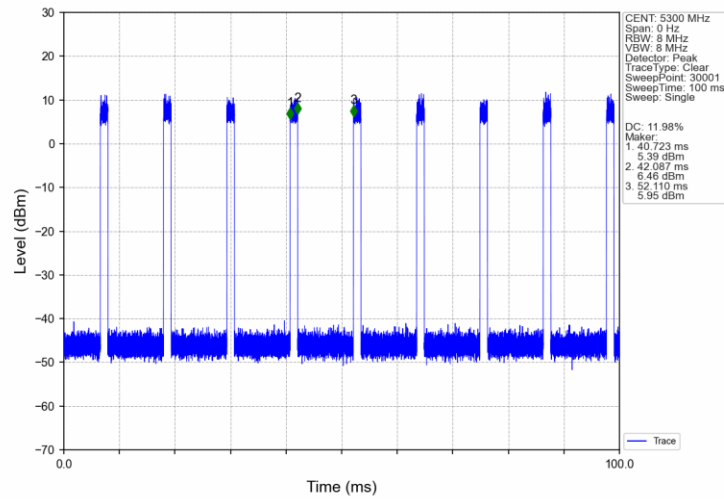
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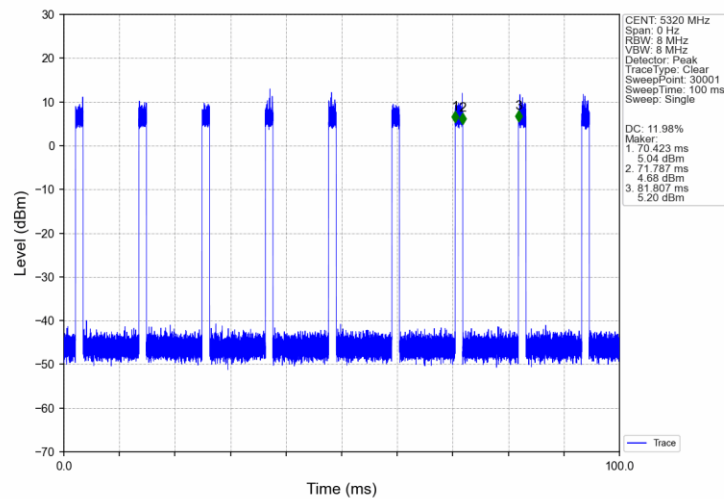
802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV

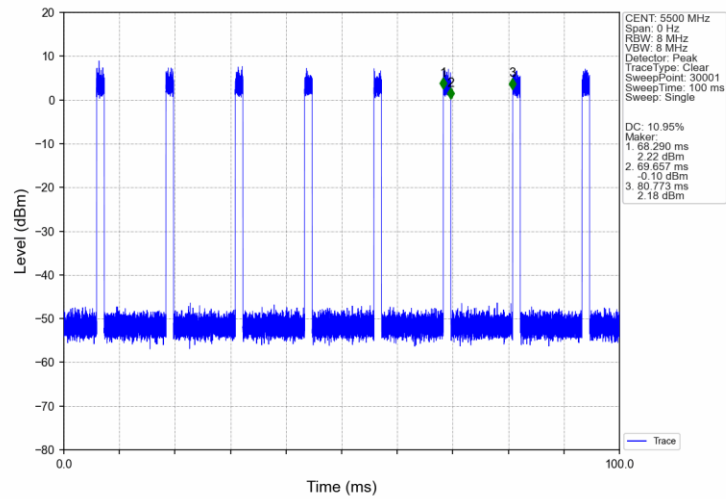


802.11a_HCH_5320MHz_Ant1_NTNV

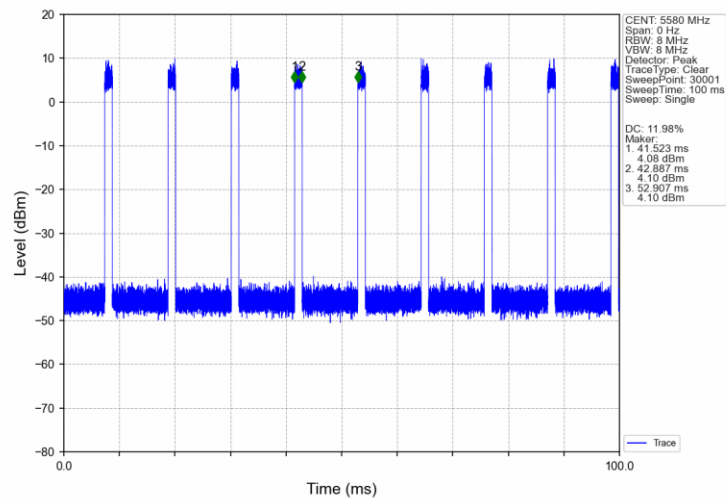




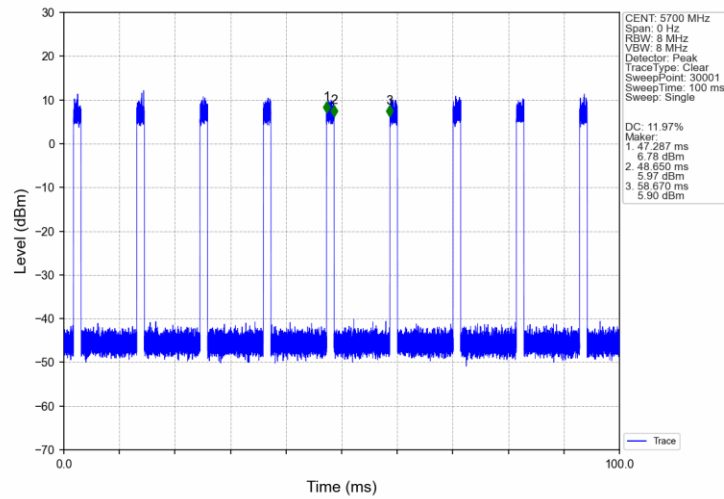
802.11a_LCH_5500MHz_Ant1_NTNV



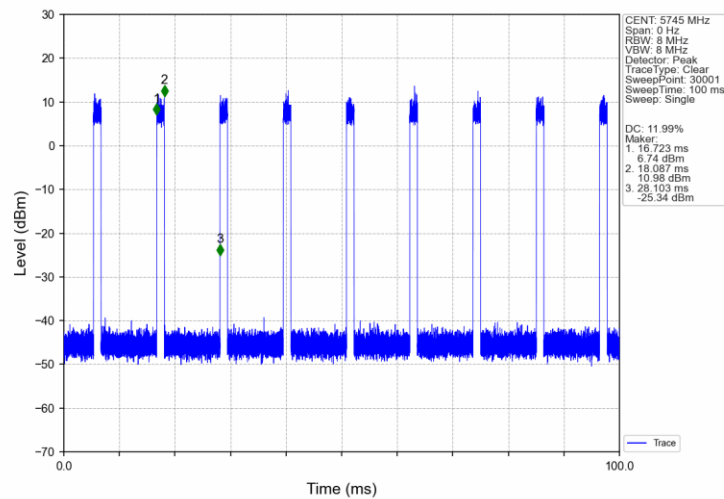
802.11a_MCH_5580MHz_Ant1_NTNV



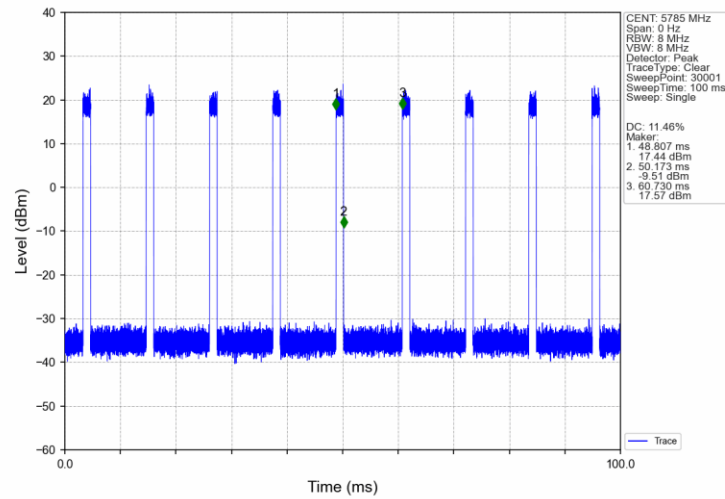
802.11a_HCH_5700MHz_Ant1_NTNV



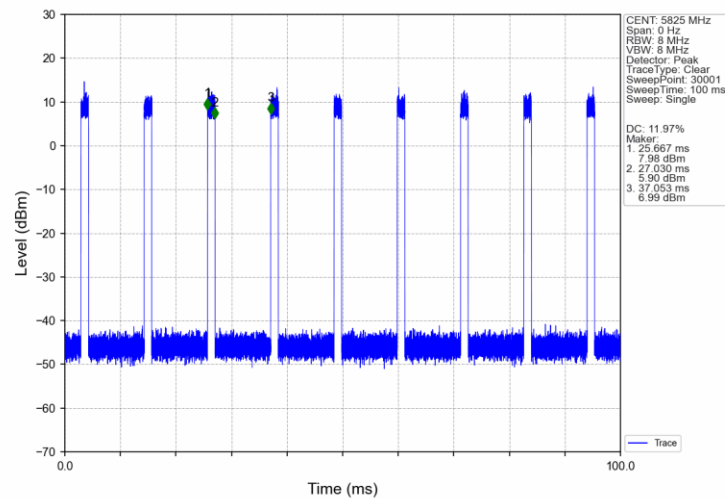
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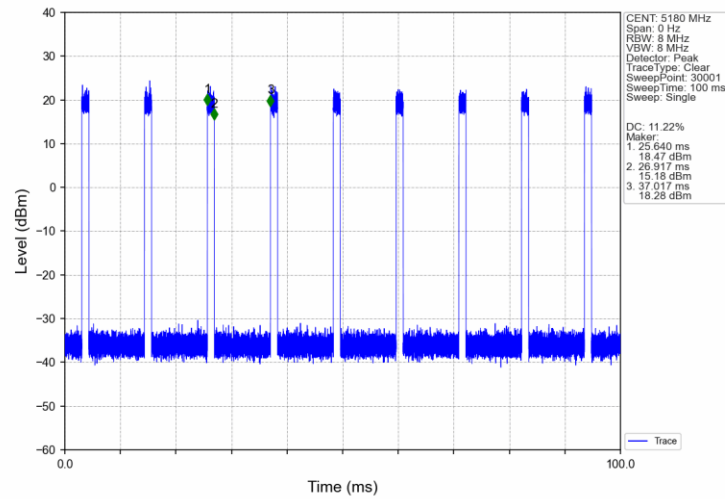
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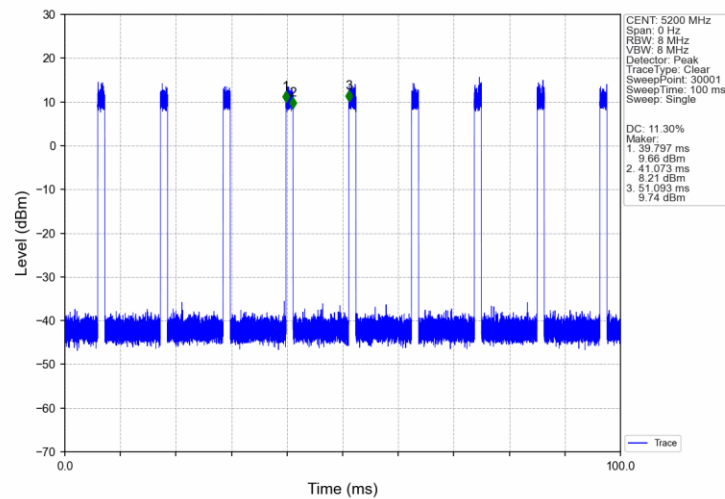
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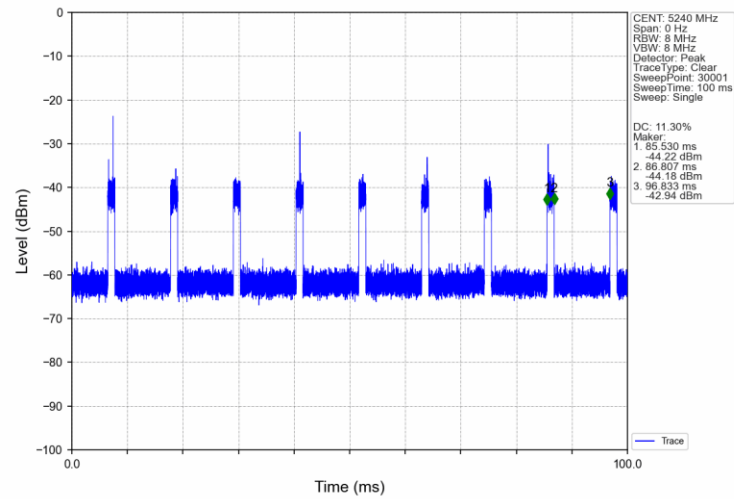
802.11n(HT20) LCH 5180MHz Ant1 NTN



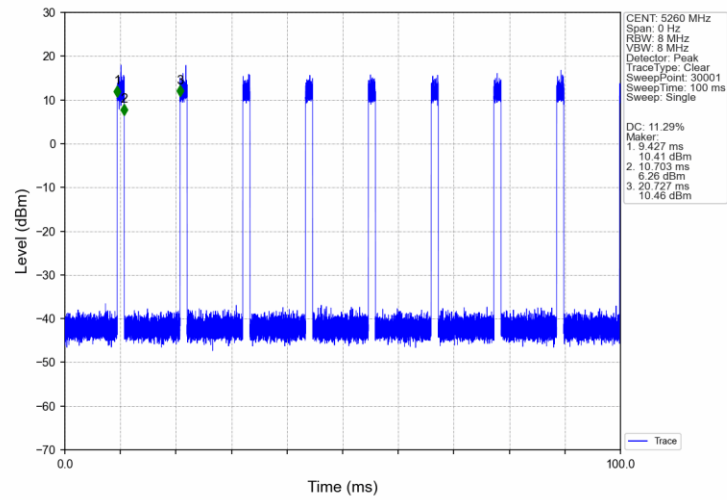
802.11n(HT20) MCH 5200MHz Ant1 NTN



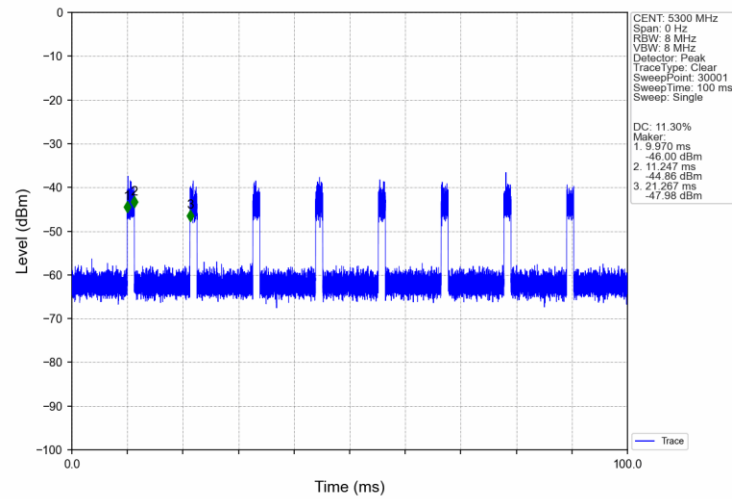
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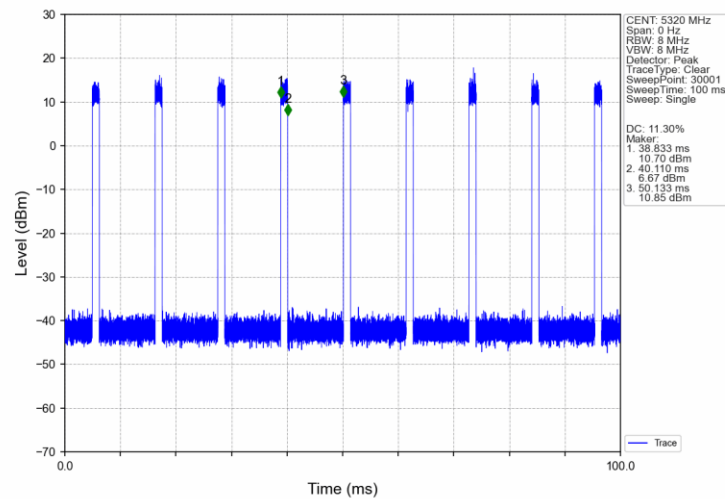
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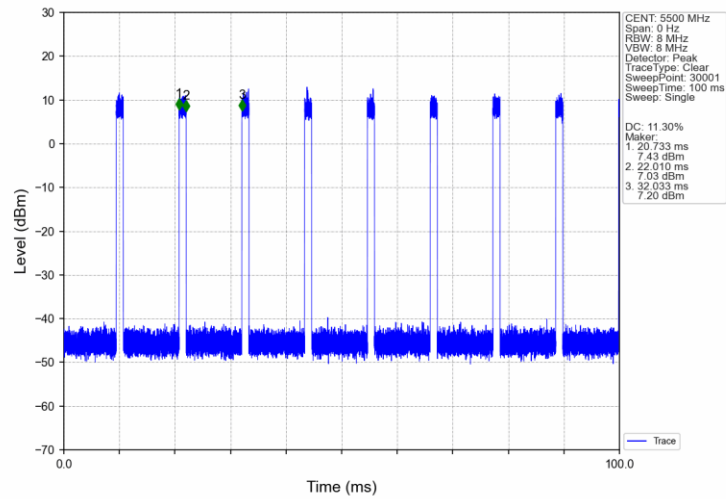
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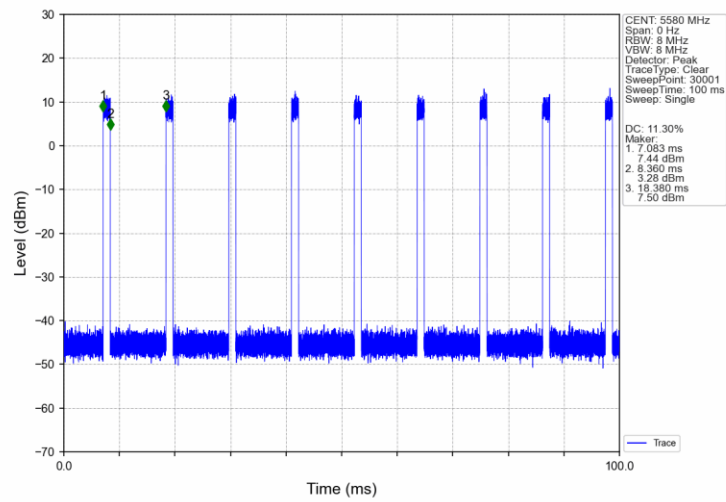
802.11n(HT20) HCH 5320MHz Ant1 NTN



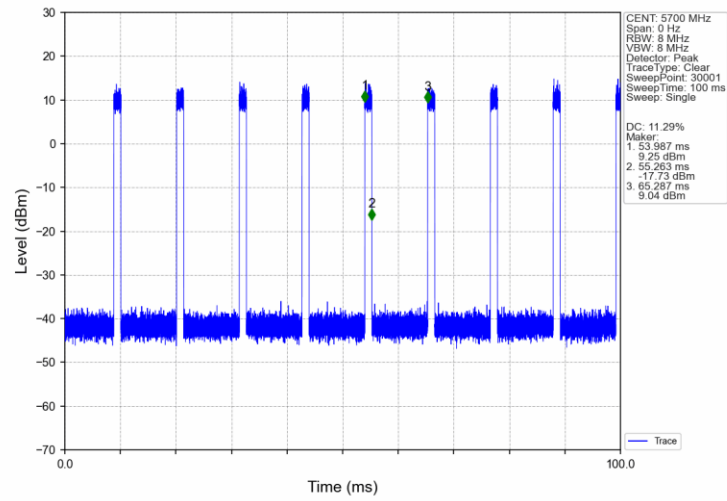
802.11n(HT20) LCH 5500MHz Ant1 NTN



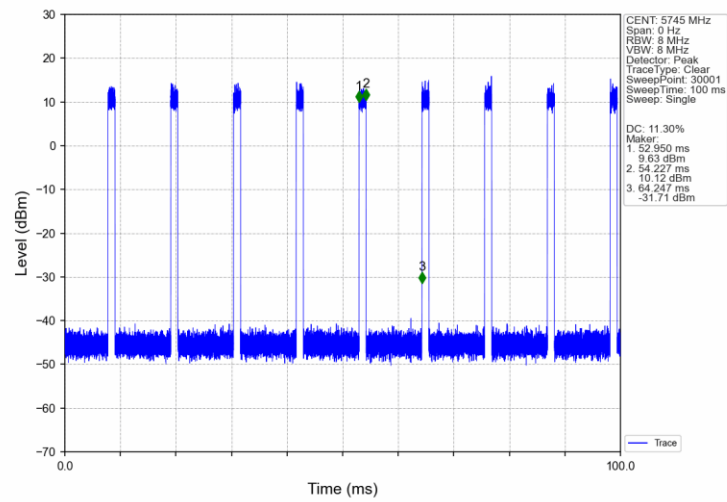
802.11n(HT20) MCH 5580MHz Ant1 NTN



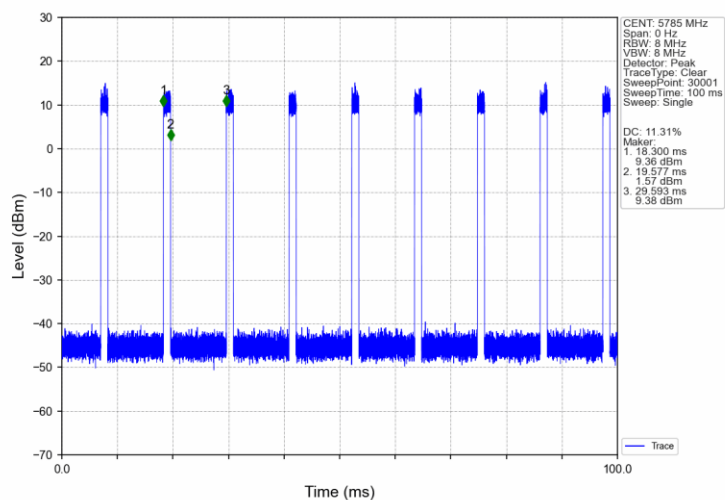
802.11n(HT20) HCH 5700MHz Ant1 NTN



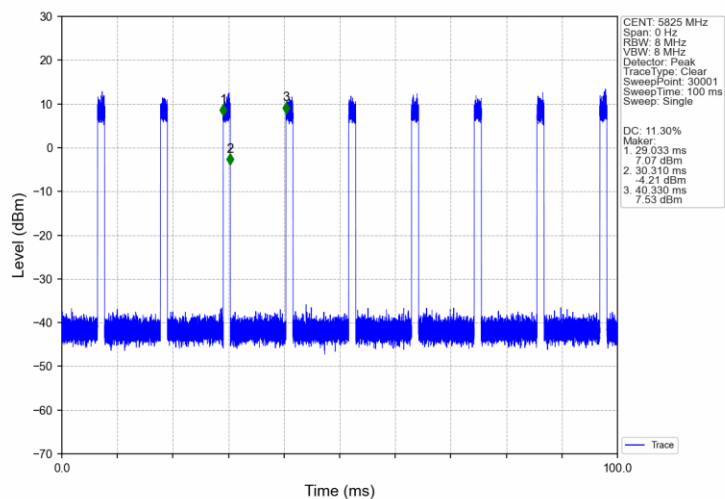
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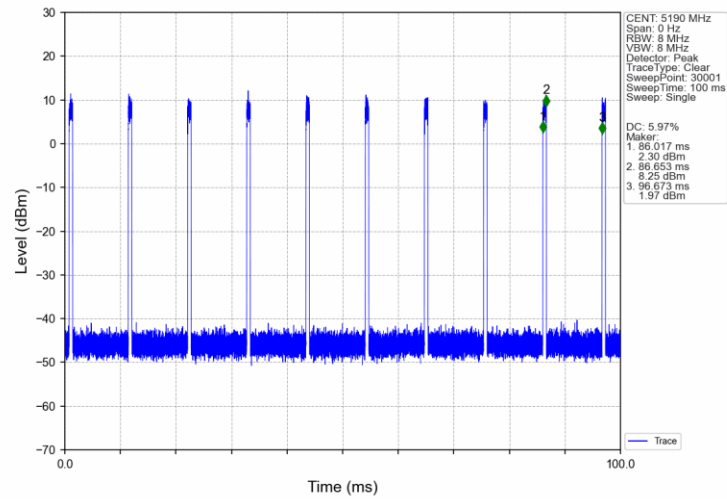
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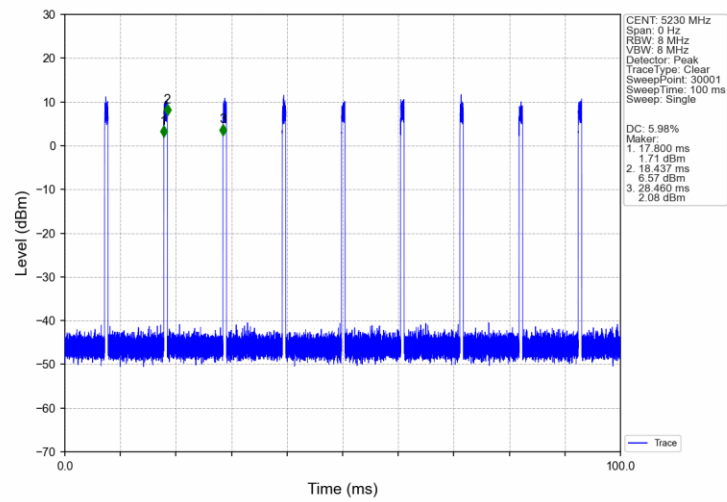
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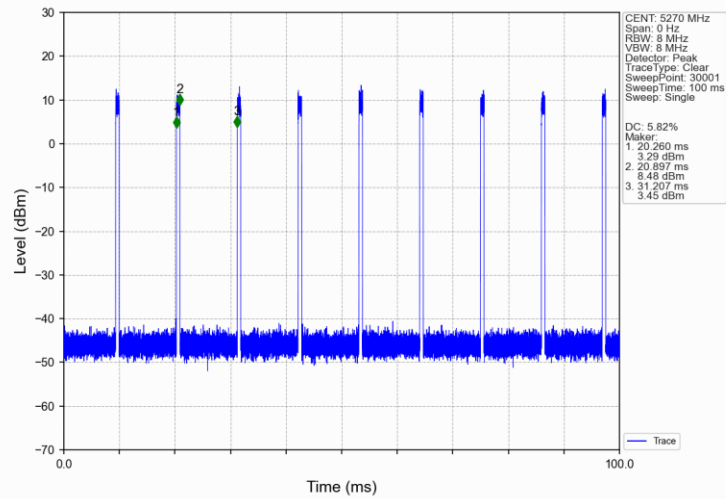
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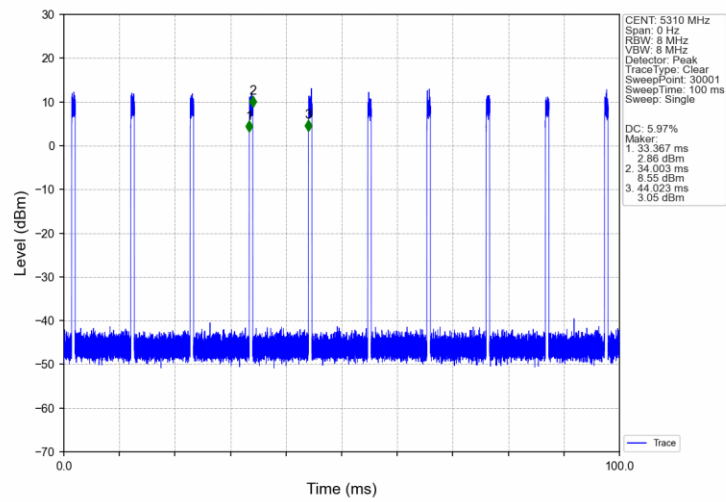
802.11n(HT40) HCH 5230MHz Ant1 NTN



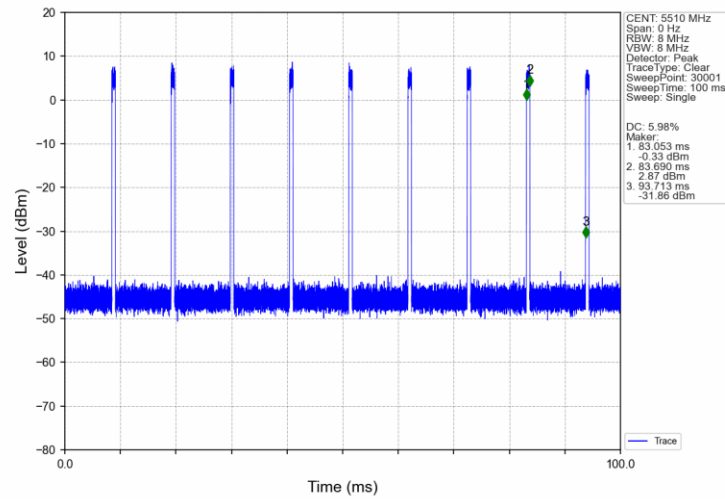
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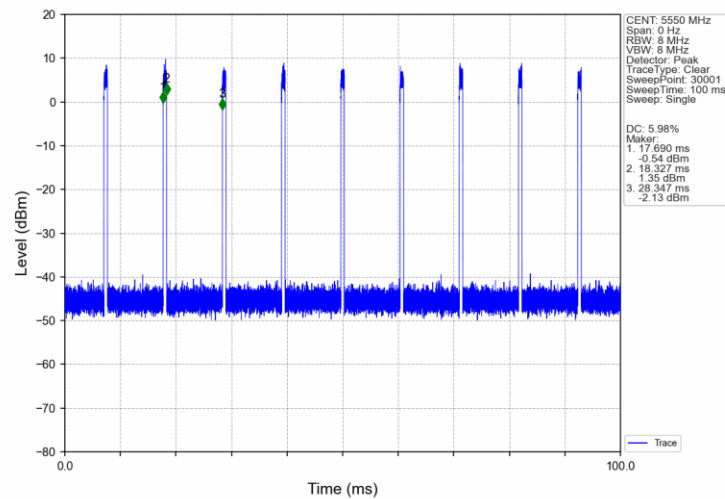
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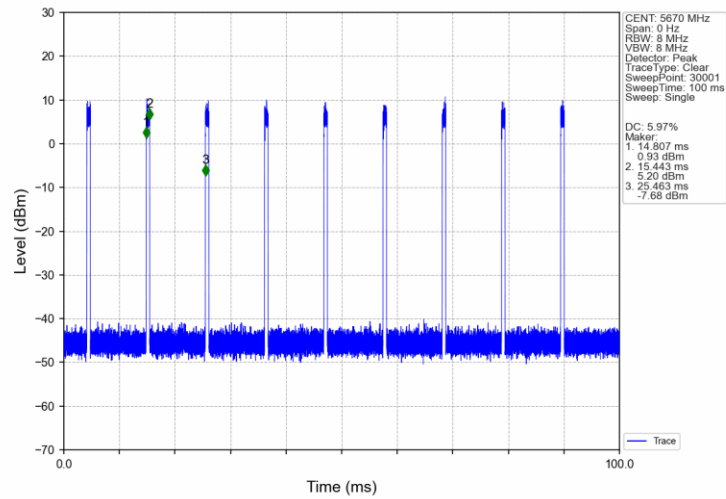
802.11n(HT40) LCH 5510MHz Ant1 NTN



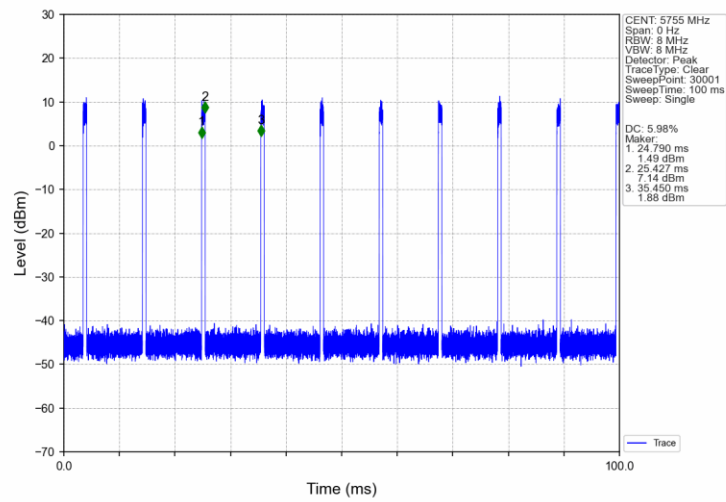
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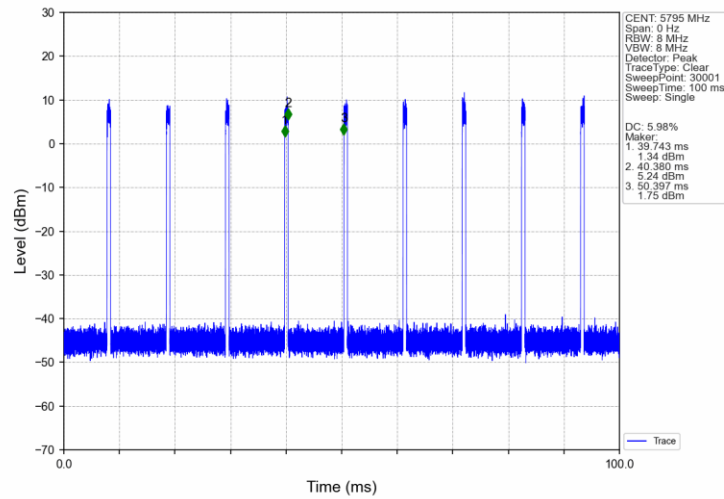
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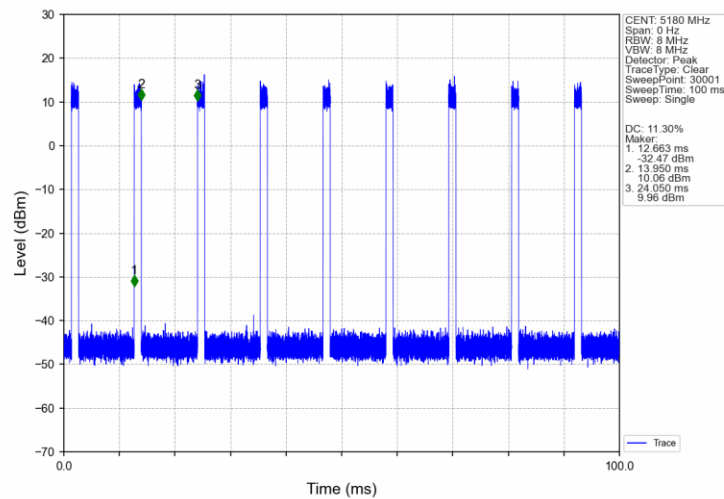
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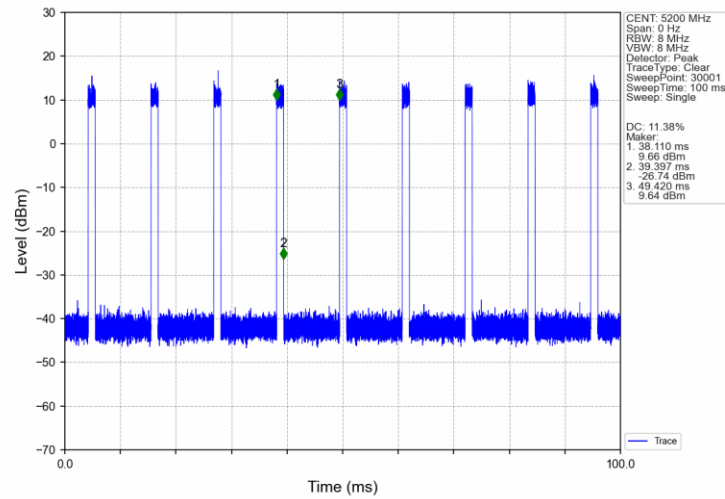
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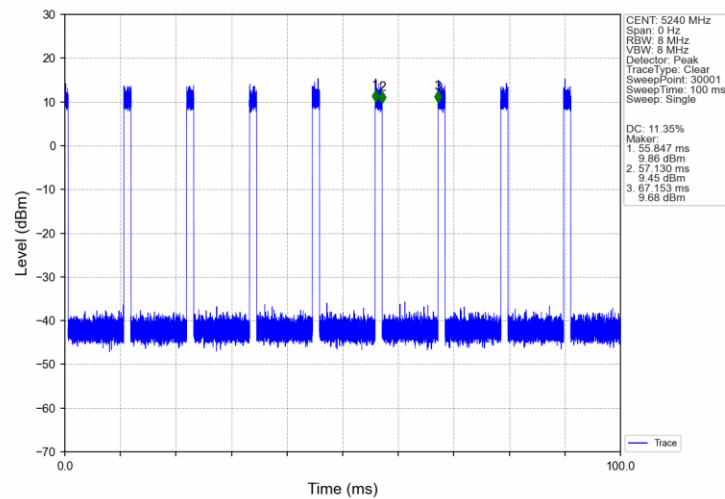
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



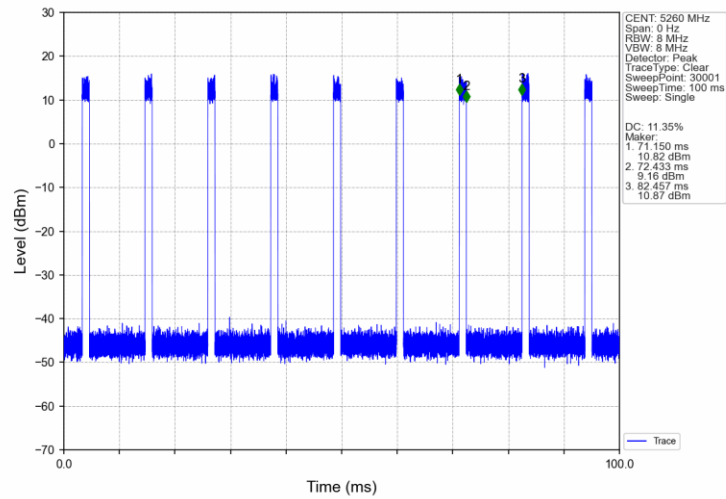
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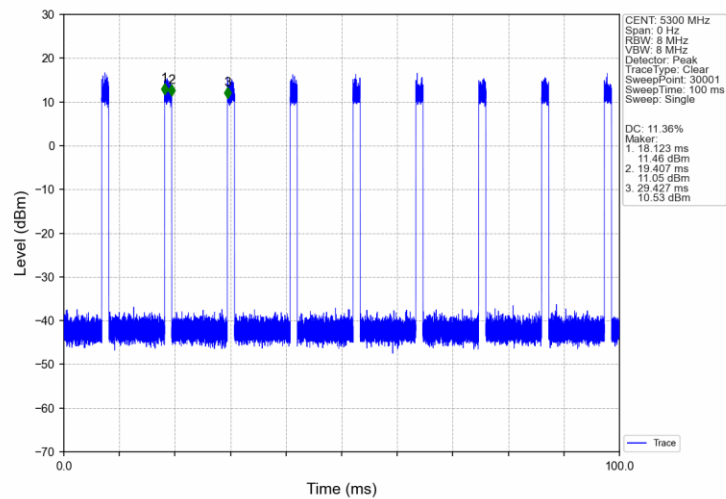
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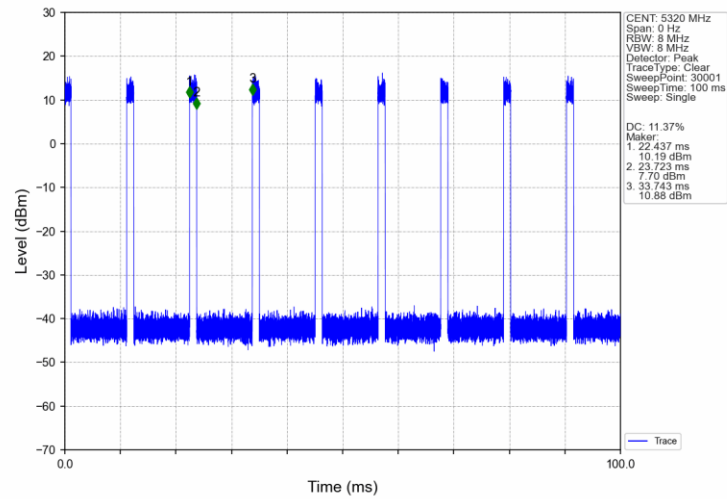
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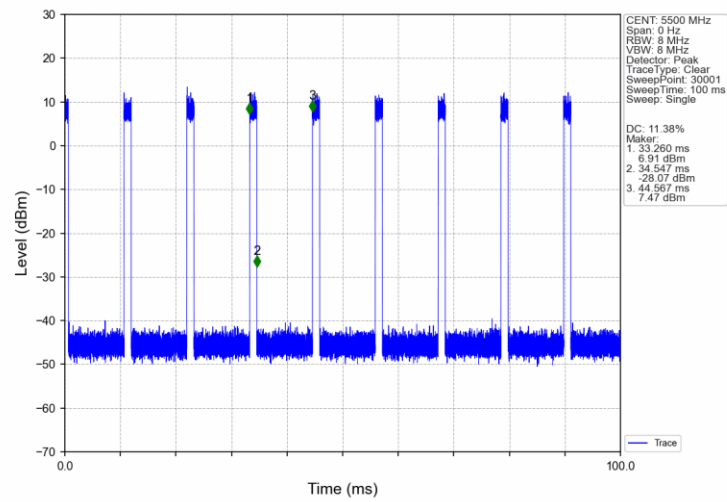
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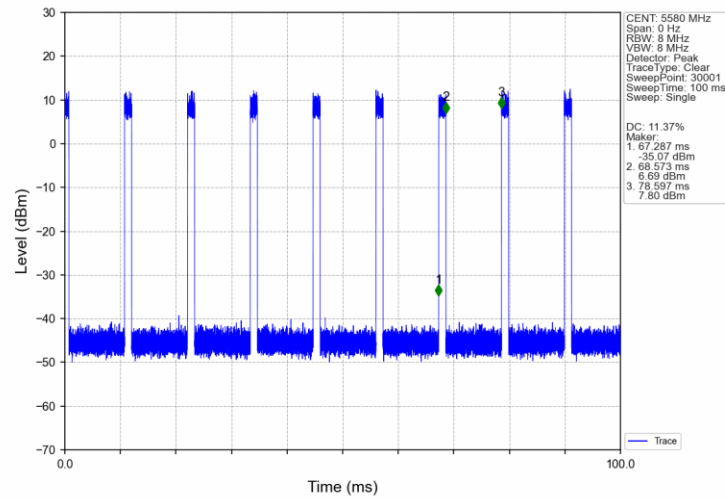
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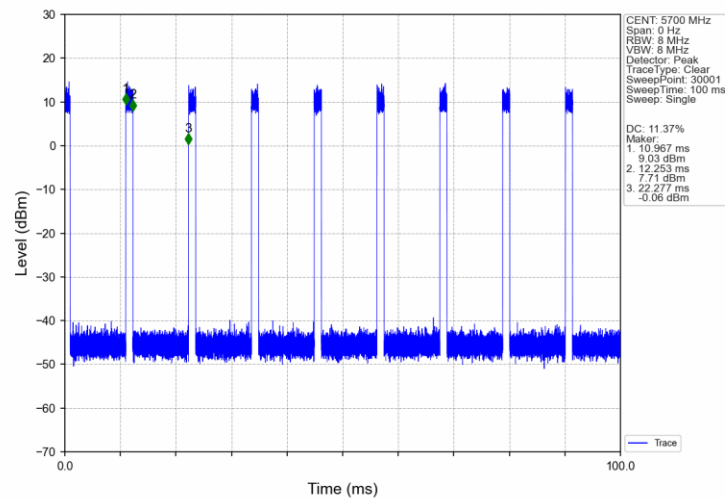
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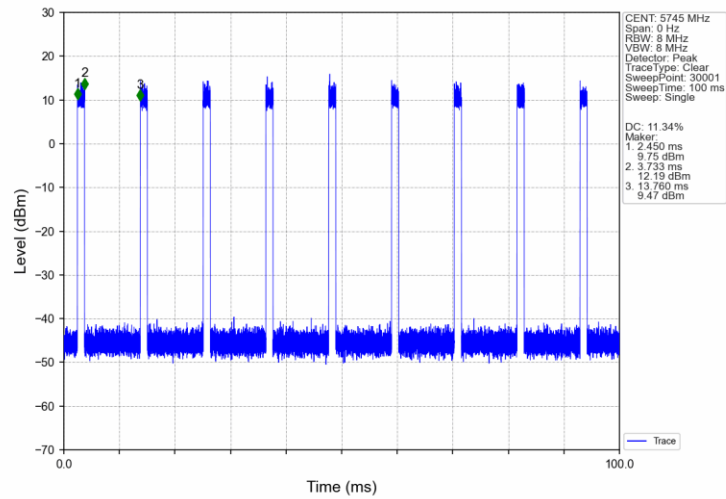
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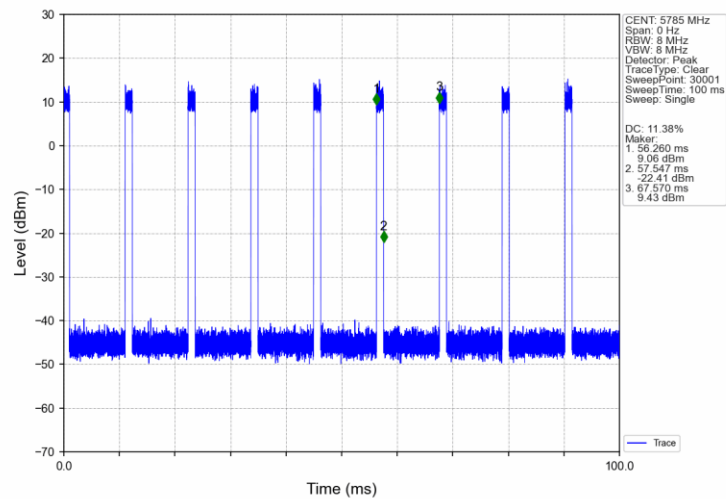
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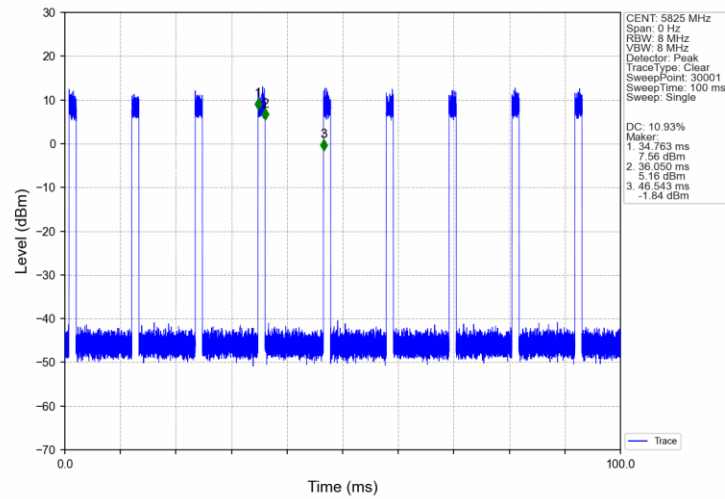
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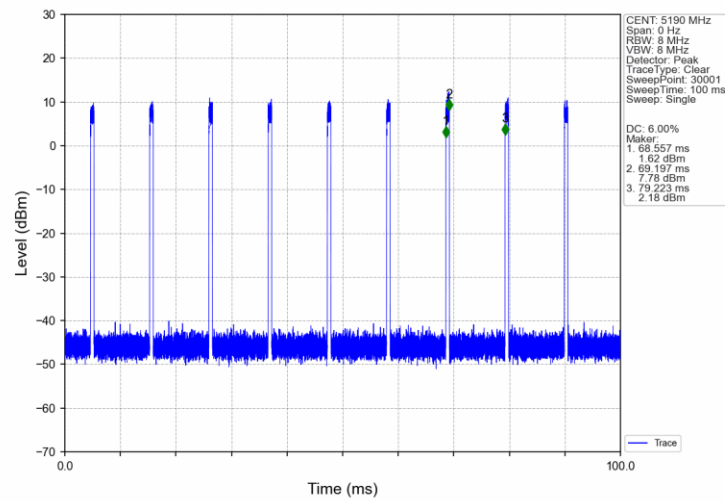
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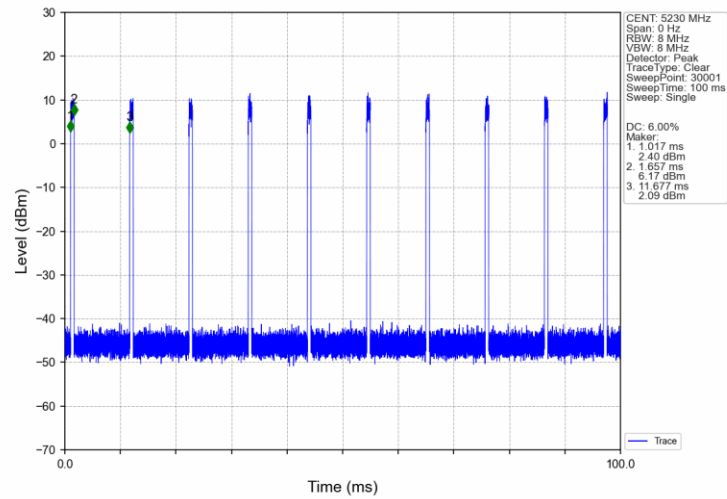
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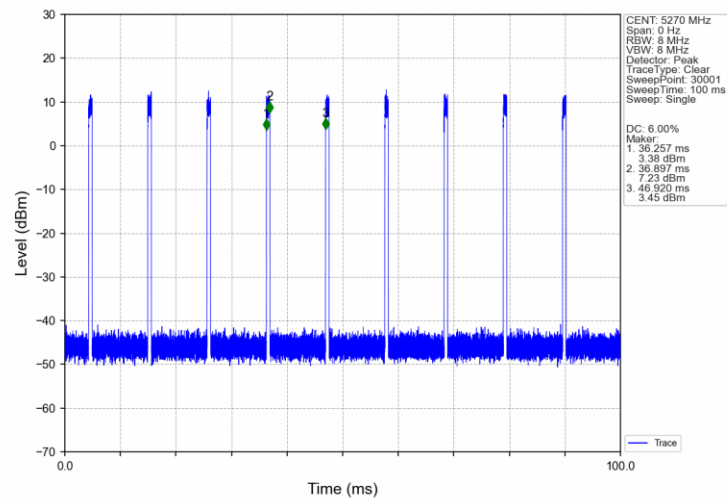
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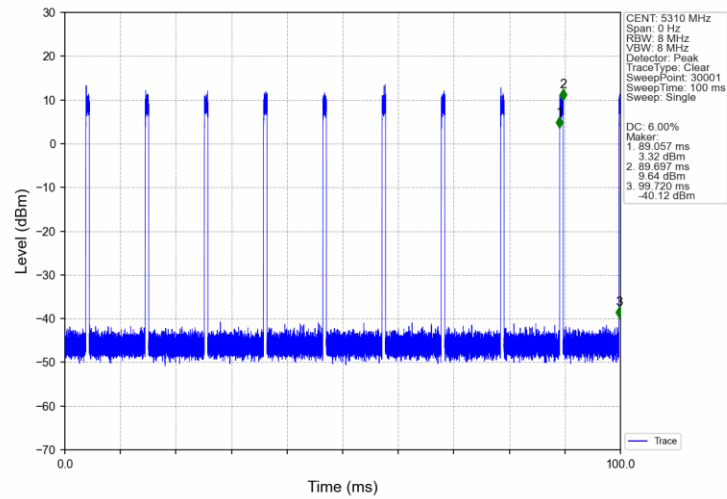
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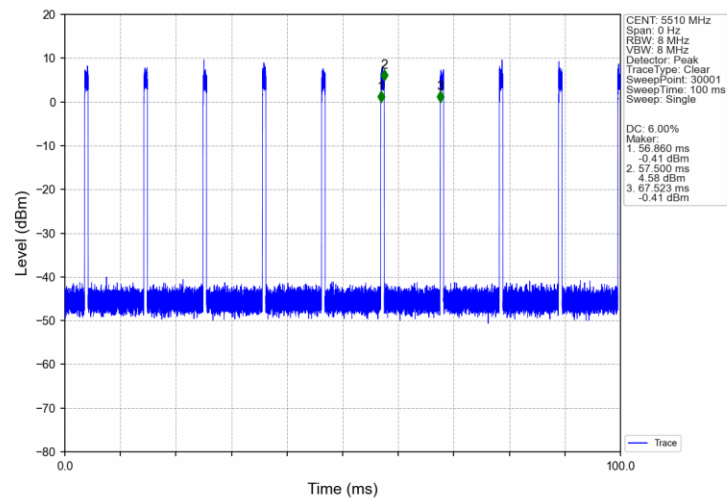
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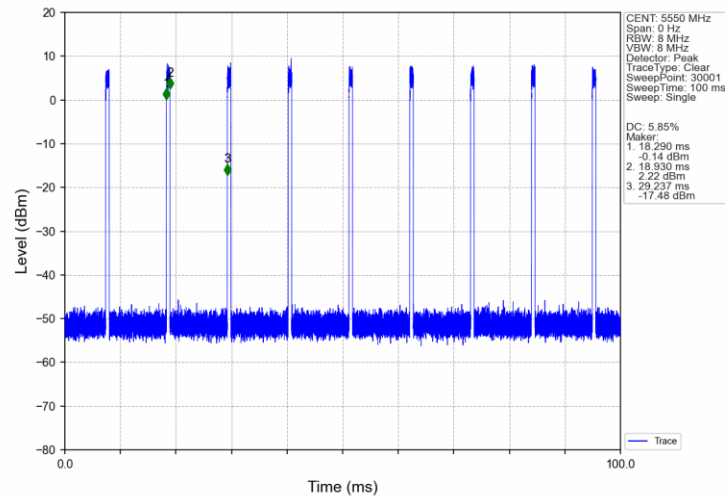
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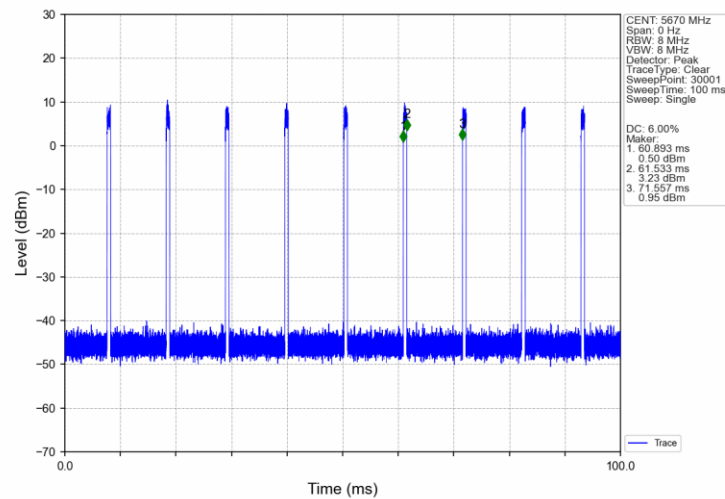
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



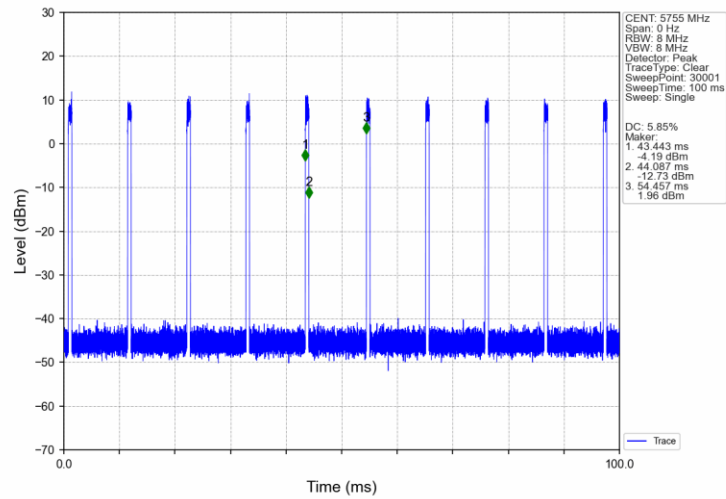
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



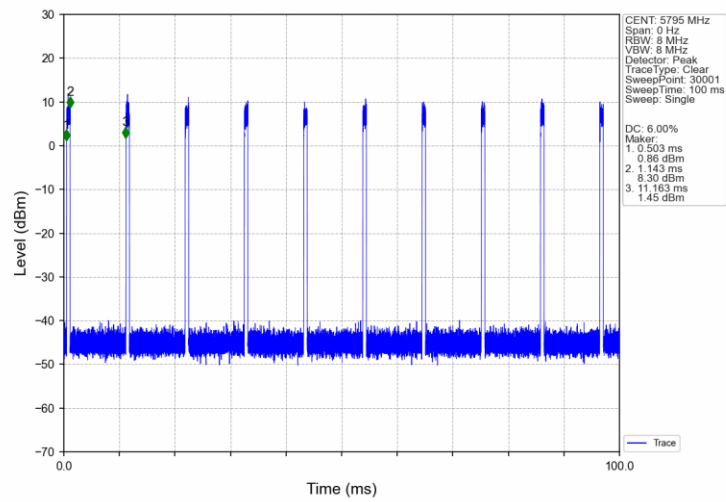
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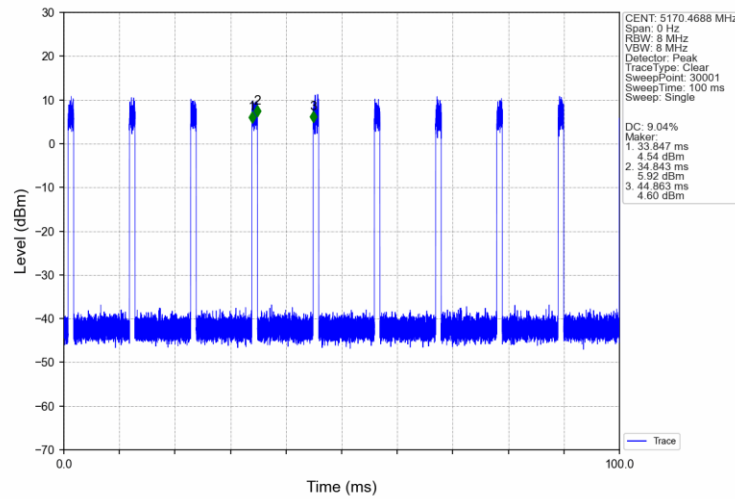
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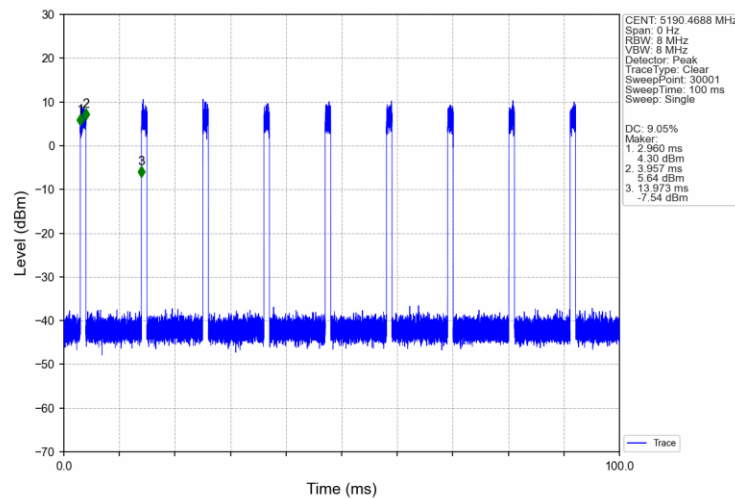
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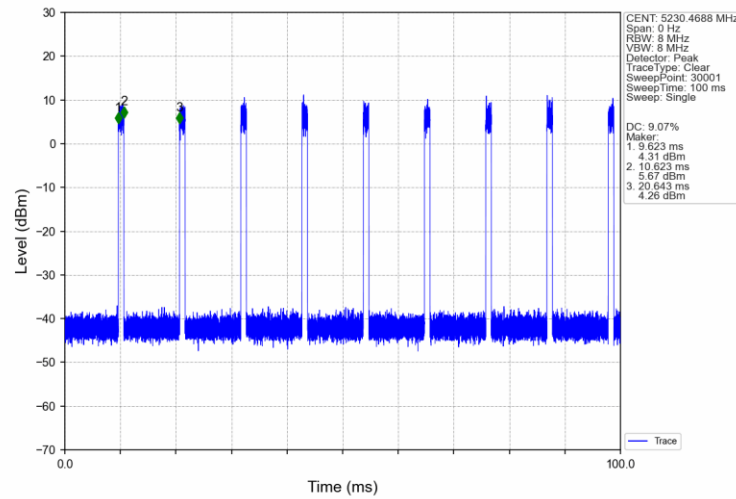
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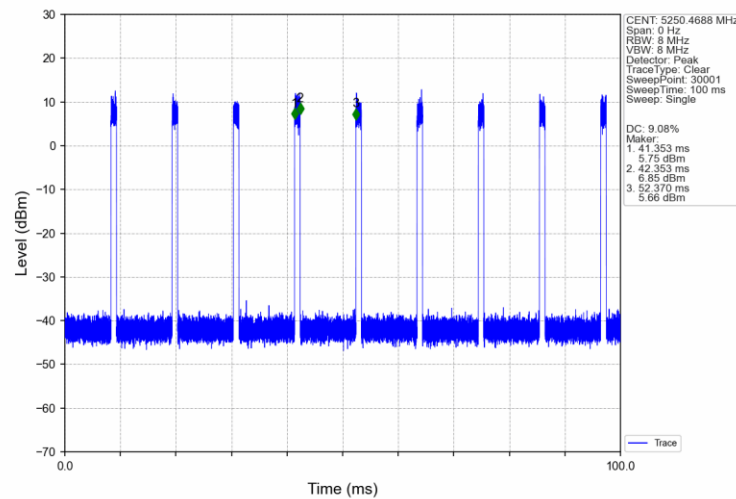
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



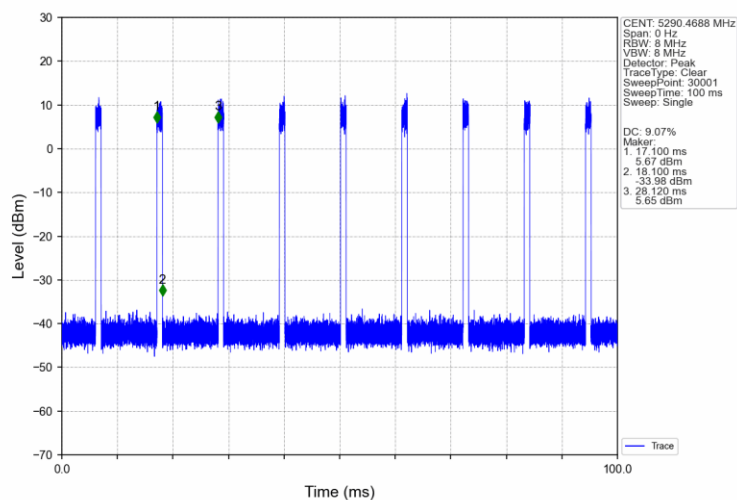
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



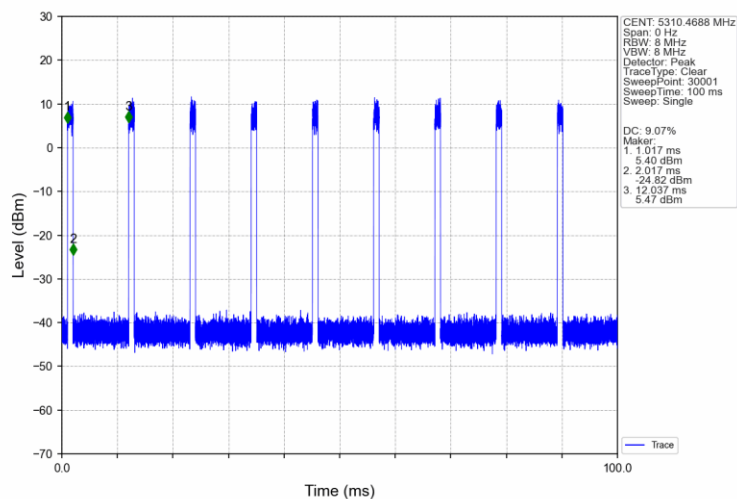
802.11ax(HEW20) LCH 5260MHz SU / Ant1 NTN



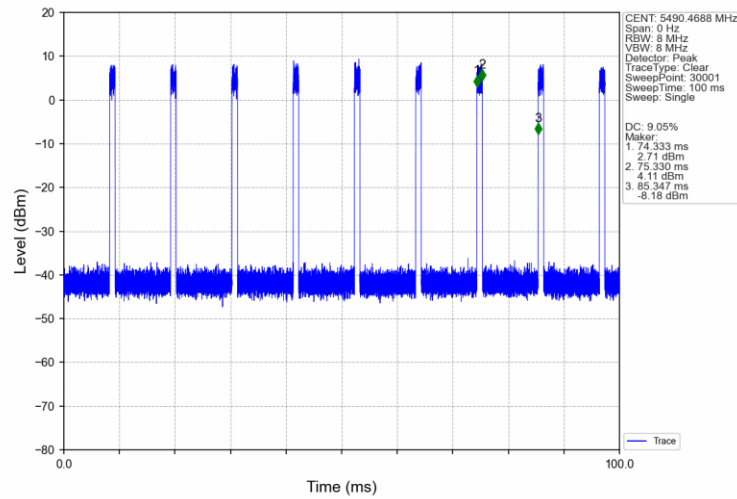
802.11ax(HEW20) MCH 5300MHz SU / Ant1 NTNv



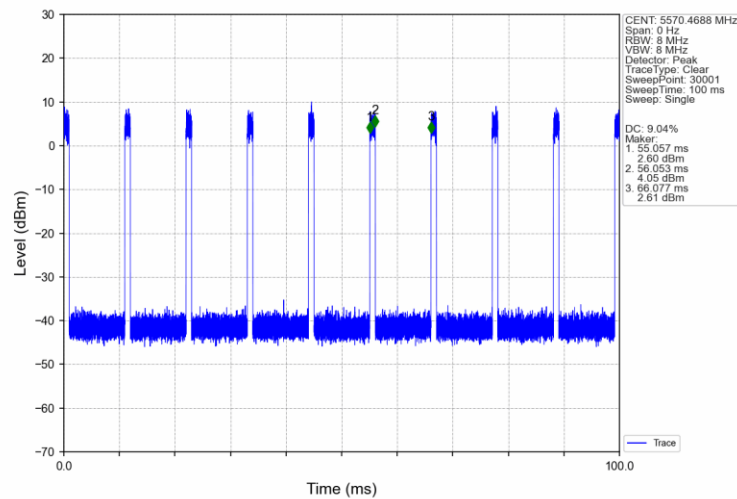
802.11ax(HEW20) HCH 5320MHz SU / Ant1 NTNv



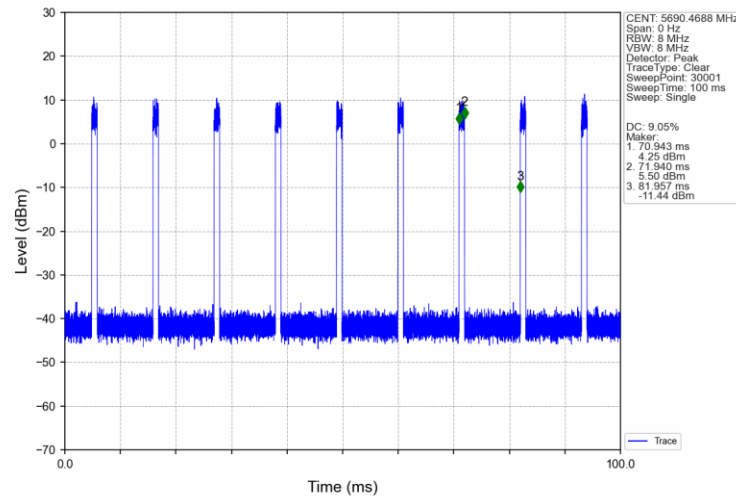
802.11ax(HEW20) LCH 5500MHz SU / Ant1 NTNv



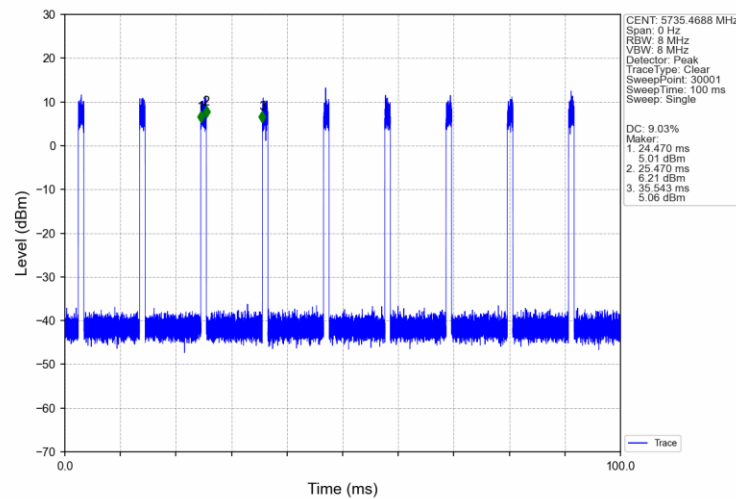
802.11ax(HEW20) MCH 5580MHz SU / Ant1 NTNv



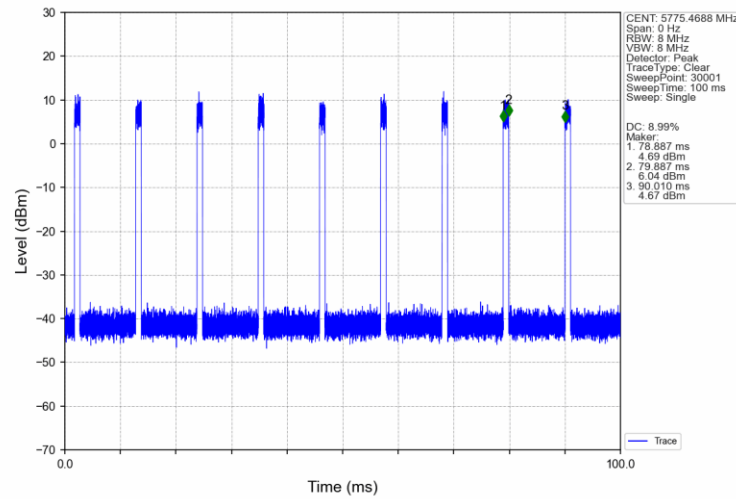
802.11ax(HEW20) HCH 5700MHz SU / Ant1 NTN



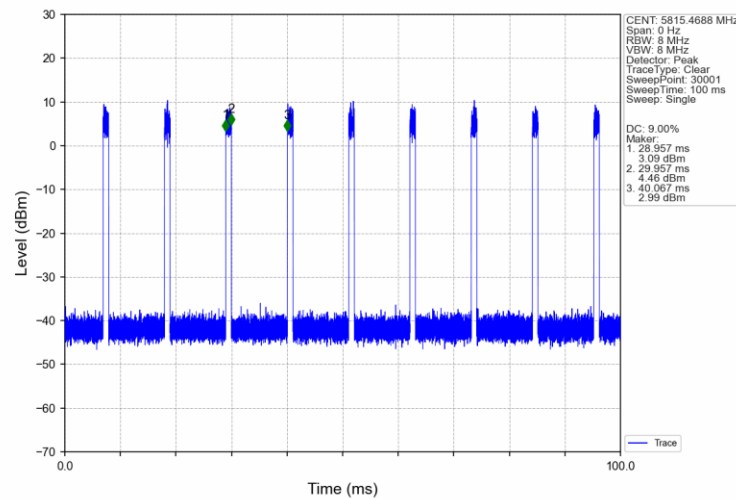
802.11ax(HEW20) LCH 5745MHz SU / Ant1 NTN



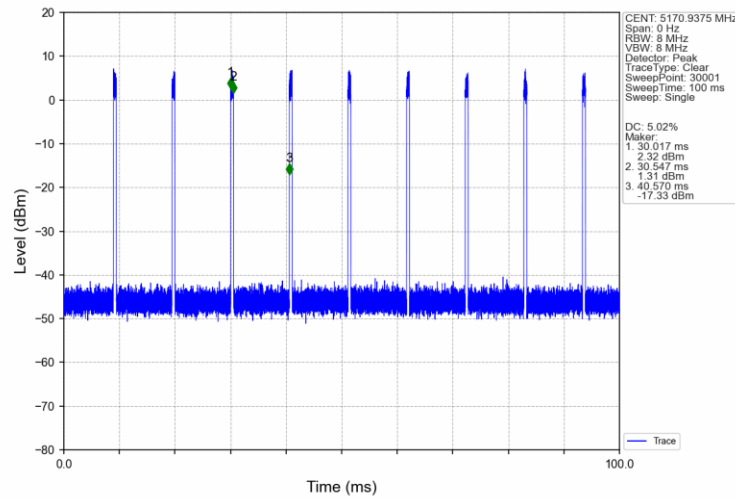
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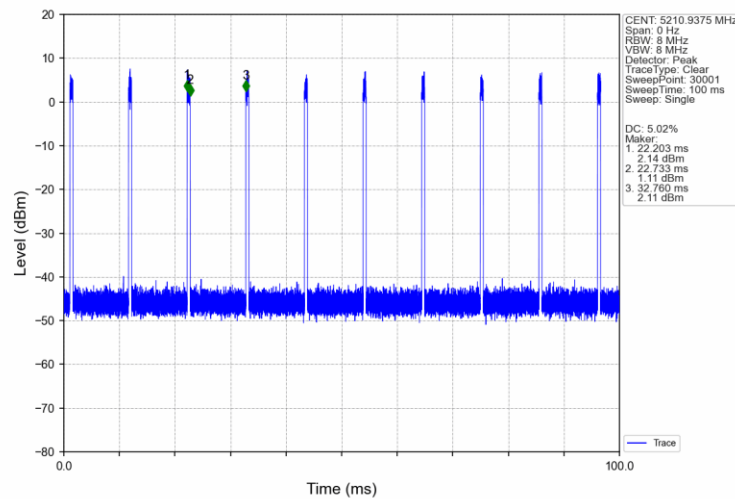
802.11ax(HEW20) HCH 5825MHz SU / Ant1 NTN



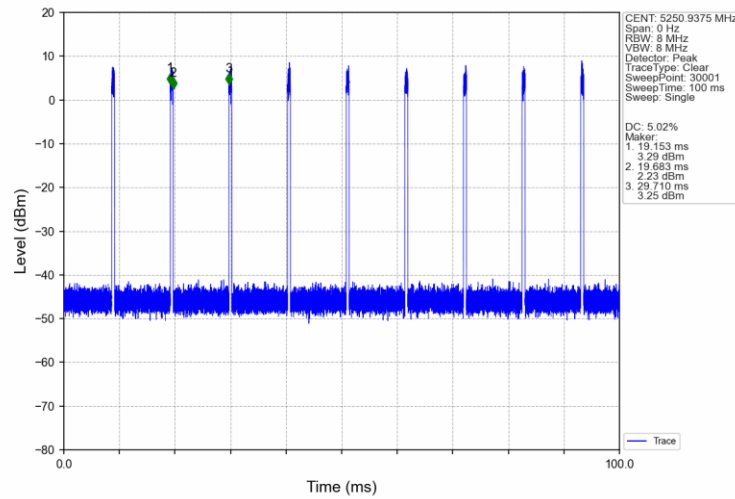
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



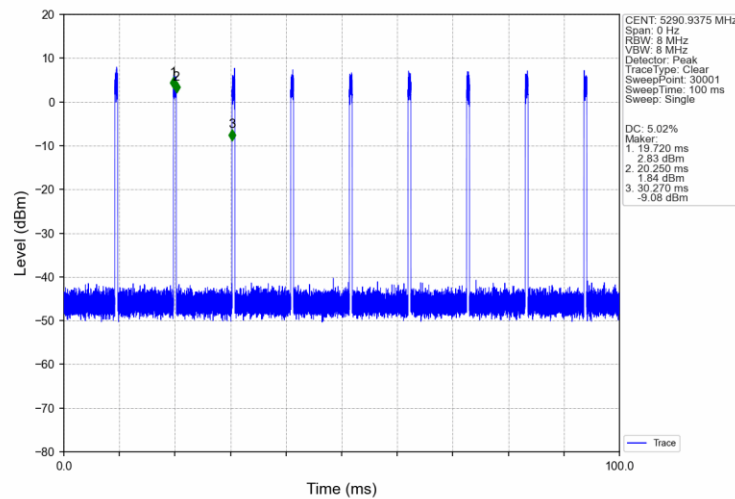
802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



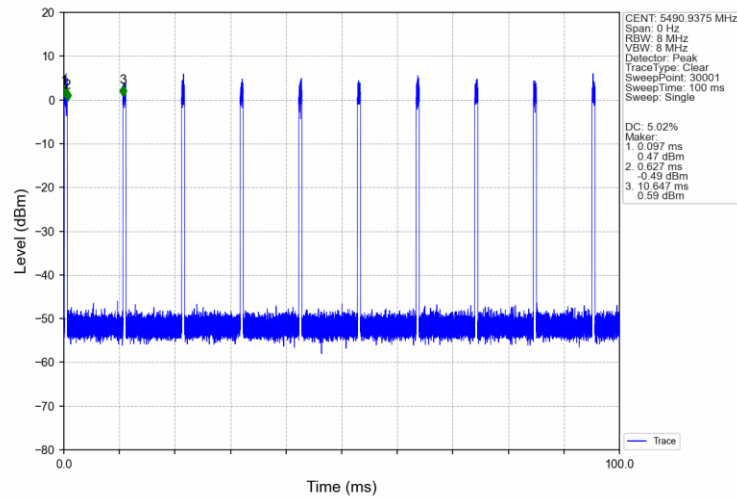
802.11ax(HEW40) LCH 5270MHz SU / Ant1 NTN



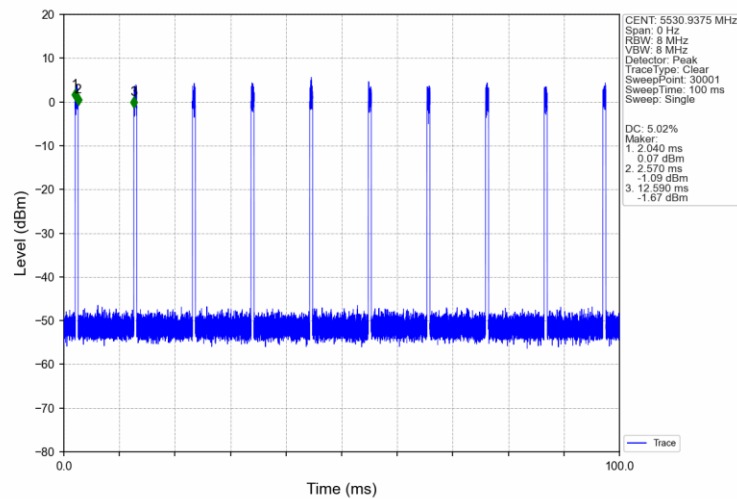
802.11ax(HEW40) HCH 5310MHz SU / Ant1 NTN



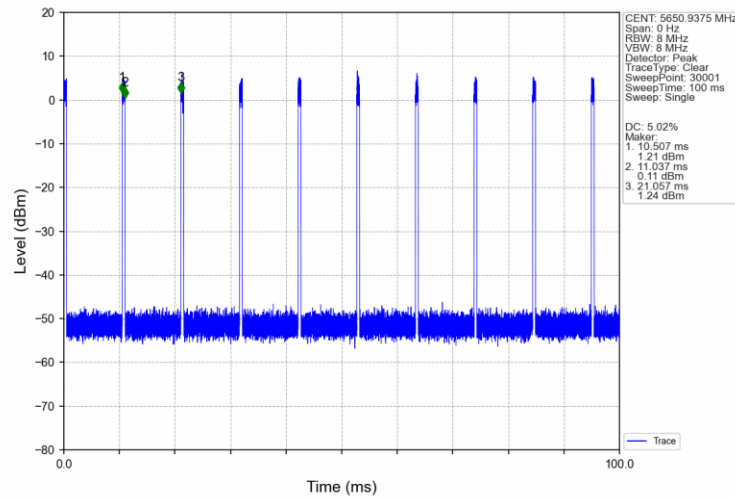
802.11ax(HEW40) LCH 5510MHz SU / Ant1 NTN



802.11ax(HEW40) MCH 5550MHz SU / Ant1 NTN



802.11ax(HEW40) HCH 5670MHz SU / Ant1 NTN



802.11ax(HEW40) LCH 5755MHz SU / Ant1 NTN

