

Appendix RF test data for 5G WIFI



Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Frequency Stability	Pass
Form731	Testing

1. Duty Cycle

1.1 Test Result

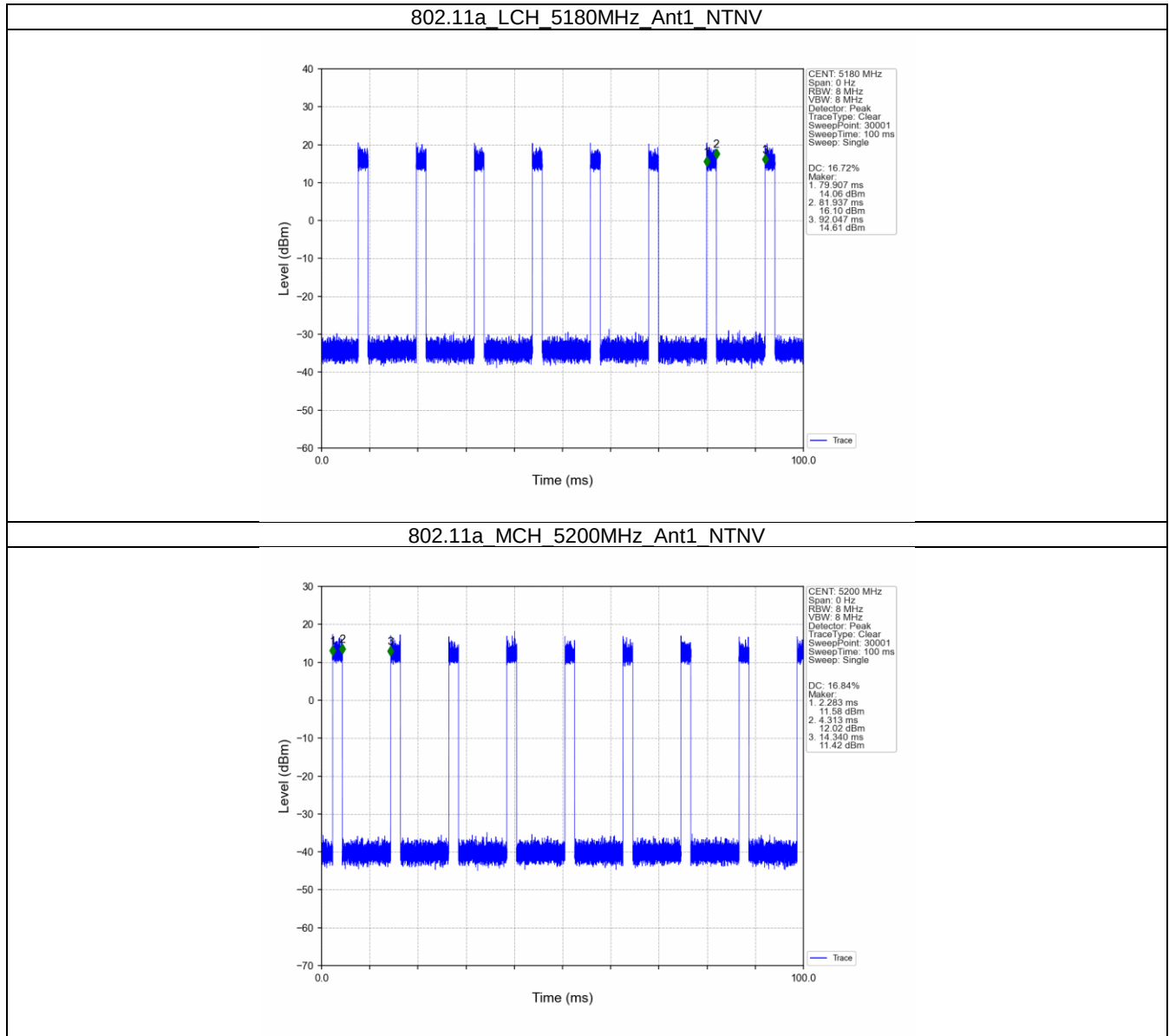
1.1.1 Ant1

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	/	/	2.030	12.140	16.72	7.77	0.15
		5200	/	/	2.030	12.057	16.84	7.74	0.06
		5240	/	/	2.034	12.097	16.81	7.74	0.07
		5260	/	/	2.030	12.046	16.85	7.73	0.02
		5300	/	/	2.030	12.047	16.85	7.73	0.02
		5320	/	/	2.030	12.054	16.84	7.74	0.02
		5500	/	/	2.030	12.054	16.84	7.74	0.06
		5580	/	/	2.034	12.057	16.87	7.73	0.03
		5700	/	/	2.033	12.053	16.87	7.73	0.03
		5745	/	/	2.030	12.050	16.85	7.73	0.05
		5785	/	/	2.033	12.053	16.87	7.73	0.02
		5825	/	/	2.030	12.047	16.85	7.73	0.03
802.11n (HT20)	SISO	5180	/	/	1.893	12.003	15.77	8.02	0.15
		5200	/	/	1.890	12.054	15.68	8.05	0.22
		5240	/	/	1.894	11.914	15.90	7.99	0.00
		5260	/	/	1.890	11.913	15.87	8.00	0.03
		5300	/	/	1.890	11.906	15.87	7.99	0.03
		5320	/	/	1.890	11.913	15.87	8.00	0.03
		5500	/	/	1.894	11.917	15.89	7.99	0.00
		5580	/	/	1.893	11.913	15.89	7.99	0.01
		5700	/	/	1.894	11.917	15.89	7.99	0.03
		5745	/	/	1.893	11.913	15.89	7.99	0.03
		5785	/	/	1.890	11.910	15.87	7.99	0.02
		5825	/	/	1.894	11.914	15.90	7.99	0.00
802.11n (HT40)	SISO	5190	/	/	0.930	10.950	8.49	10.71	0.03
		5230	/	/	0.930	10.953	8.49	10.71	0.03
		5270	/	/	0.930	10.950	8.49	10.71	0.03
		5310	/	/	0.930	10.950	8.49	10.71	0.03
		5510	/	/	0.930	10.946	8.50	10.71	0.03
		5550	/	/	0.930	10.953	8.49	10.71	0.03
		5670	/	/	0.933	10.957	8.52	10.70	0.00
		5755	/	/	0.930	10.950	8.49	10.71	0.03
802.11ac (VHT20)	SISO	5795	/	/	0.930	10.946	8.50	10.71	0.03
		5180	/	/	1.900	11.924	15.93	7.98	0.03
		5200	/	/	1.900	11.920	15.94	7.98	0.03
		5240	/	/	1.900	11.920	15.94	7.98	0.03
		5260	/	/	1.900	11.924	15.93	7.98	0.00
		5300	/	/	1.900	11.916	15.94	7.97	0.03
		5320	/	/	1.900	11.923	15.94	7.98	0.00
		5500	/	/	1.900	11.923	15.94	7.98	0.03
		5580	/	/	1.900	11.920	15.94	7.98	0.03
		5700	/	/	1.900	11.920	15.94	7.98	0.02
		5745	/	/	1.900	11.920	15.94	7.98	0.03
		5785	/	/	1.900	11.923	15.94	7.98	0.04
		5825	/	/	1.900	11.923	15.94	7.98	0.04
802.11ac (VHT40)	SISO	5190	/	/	0.933	10.953	8.52	10.70	0.03
		5230	/	/	0.937	11.487	8.16	10.88	0.40
		5270	/	/	0.937	10.954	8.55	10.68	0.00
		5310	/	/	0.937	10.960	8.55	10.68	0.00

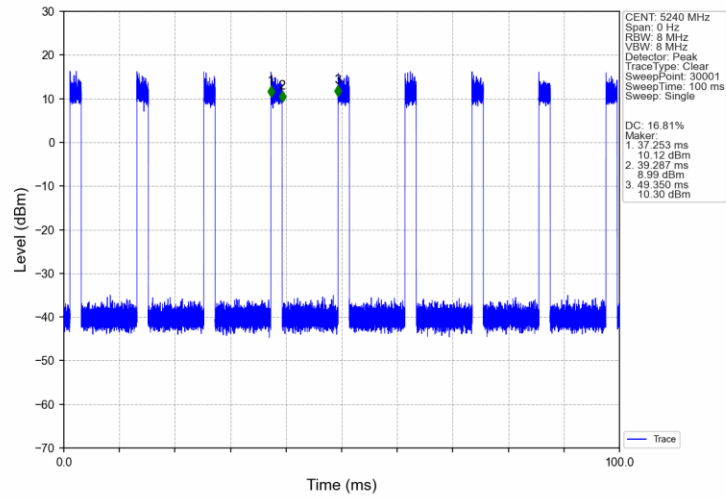
		5510	/	/	0.937	10.960	8.55	10.68	0.03
		5550	/	/	0.937	10.957	8.55	10.68	0.03
		5670	/	/	0.936	10.956	8.54	10.68	0.03
		5755	/	/	0.937	11.454	8.18	10.87	0.41
		5795	/	/	0.937	10.960	8.55	10.68	0.00
802.11ax (HEW20)	SISO	5180	SU	/	0.844	10.870	7.76	11.10	0.04
		5200	SU	/	0.287	10.310	2.78	15.55	0.03
		5240	SU	/	0.844	10.870	7.76	11.10	0.04
		5260	SU	/	0.843	10.867	7.76	11.10	0.03
		5300	SU	/	0.843	10.866	7.76	11.10	0.03
		5320	SU	/	0.843	10.867	7.76	11.10	0.03
		5500	SU	/	0.844	10.867	7.77	11.10	0.03
		5580	SU	/	0.843	10.867	7.76	11.10	0.03
		5700	SU	/	0.843	10.867	7.76	11.10	0.03
		5745	SU	/	0.844	10.867	7.77	11.10	0.03
		5785	SU	/	0.844	10.867	7.77	11.10	0.03
		5825	SU	/	0.843	10.870	7.76	11.10	0.03
802.11ax (HEW40)	SISO	5190	SU	/	0.450	10.467	4.30	13.67	0.00
		5230	SU	/	0.450	10.470	4.30	13.67	0.03
		5270	SU	/	0.450	10.467	4.30	13.67	0.00
		5310	SU	/	0.450	10.467	4.30	13.67	0.03
		5510	SU	/	0.450	10.470	4.30	13.67	0.03
		5550	SU	/	0.450	10.467	4.30	13.67	0.00
		5670	SU	/	0.450	10.470	4.30	13.67	0.03
		5755	SU	/	0.450	11.657	3.86	14.13	0.47
		5795	SU	/	0.450	10.467	4.30	13.67	0.03

1.2 Test Graph

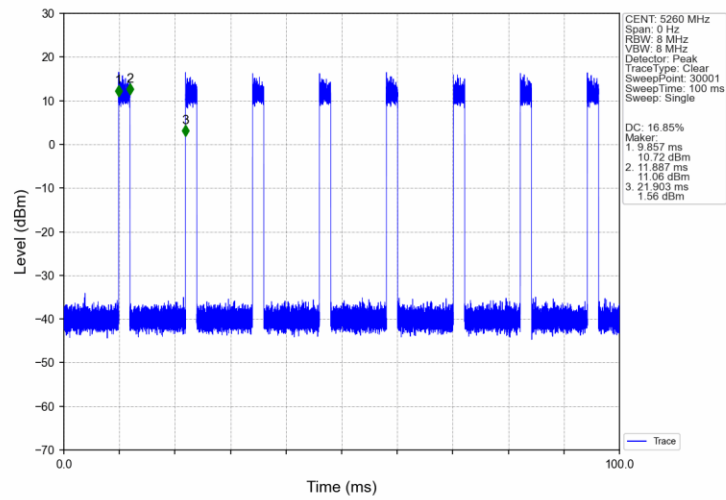
1.2.1 Ant1



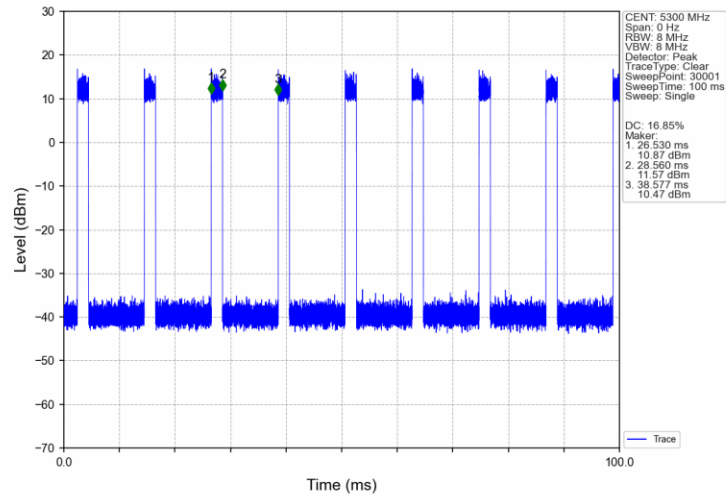
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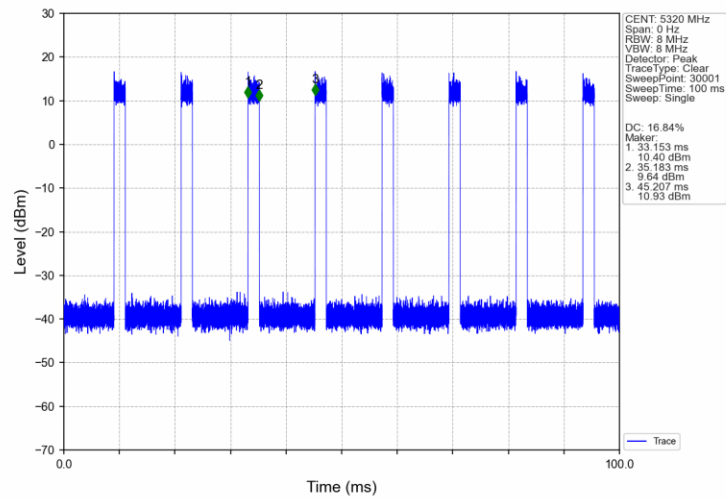
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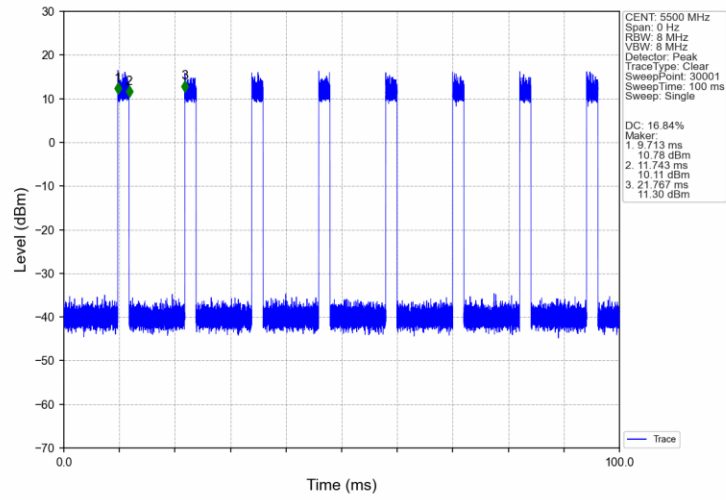
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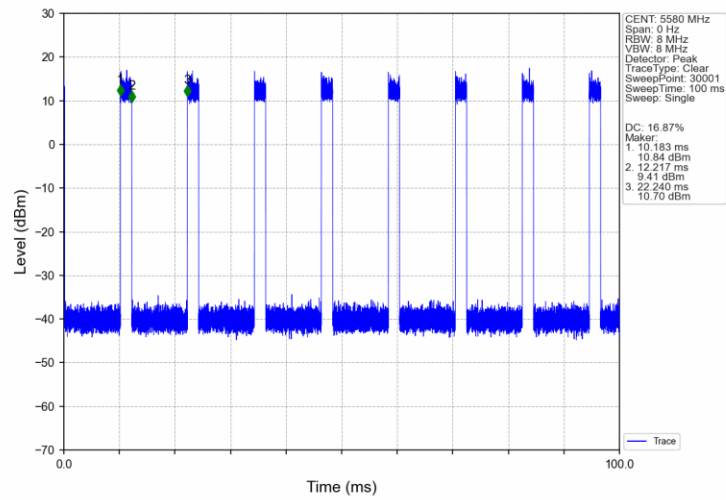
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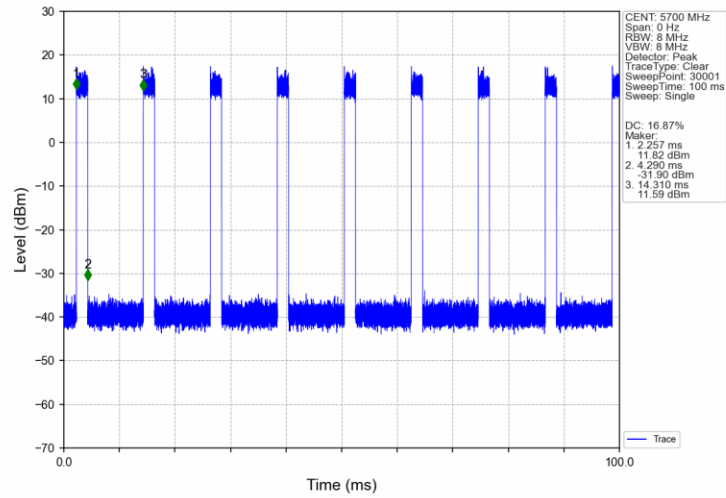
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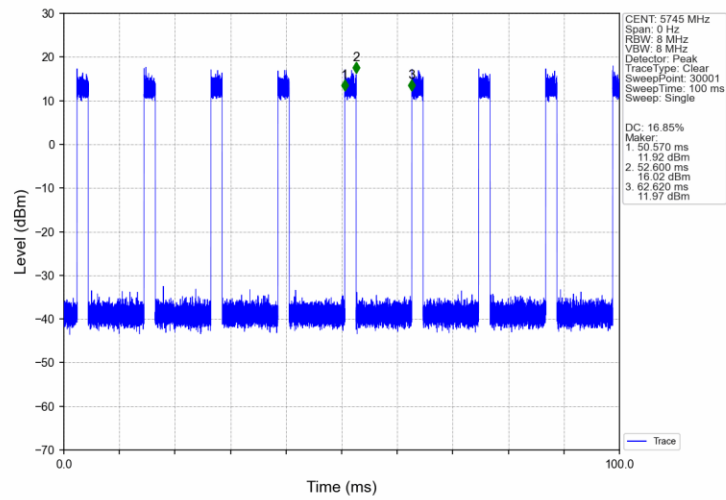
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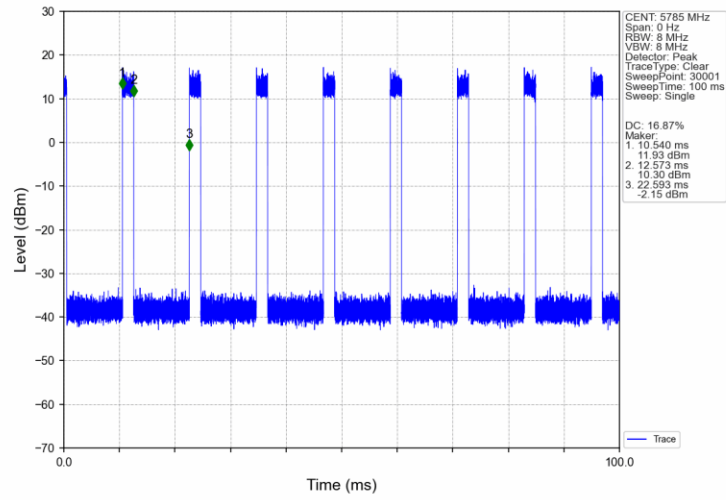
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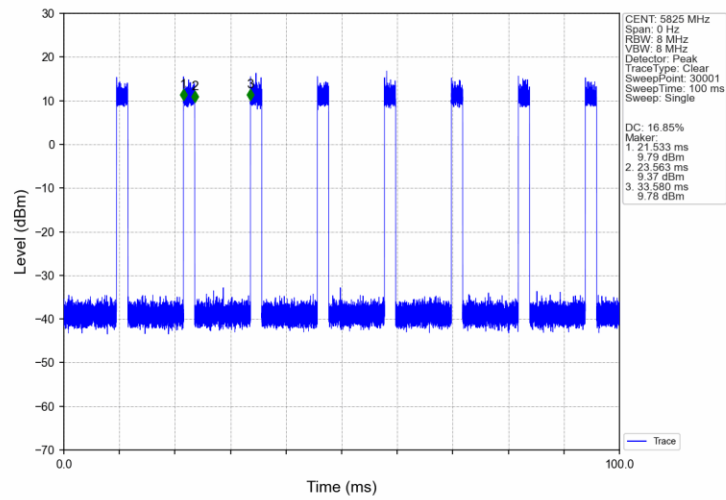
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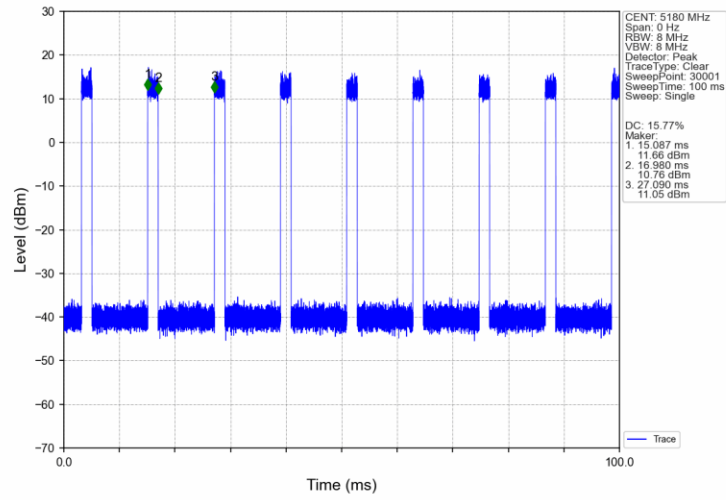
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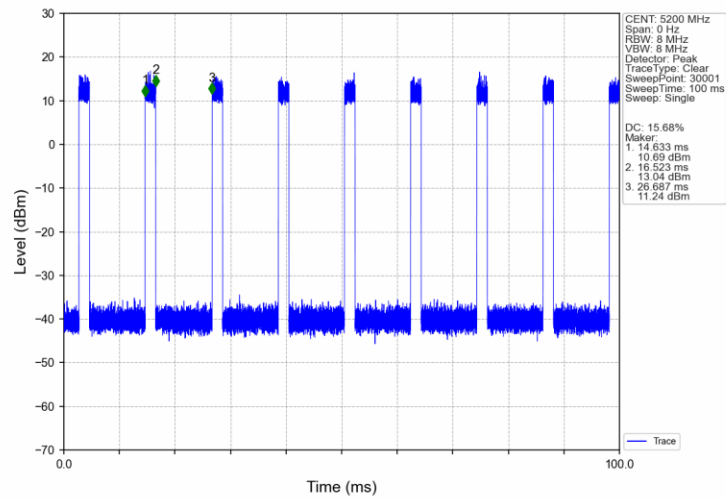
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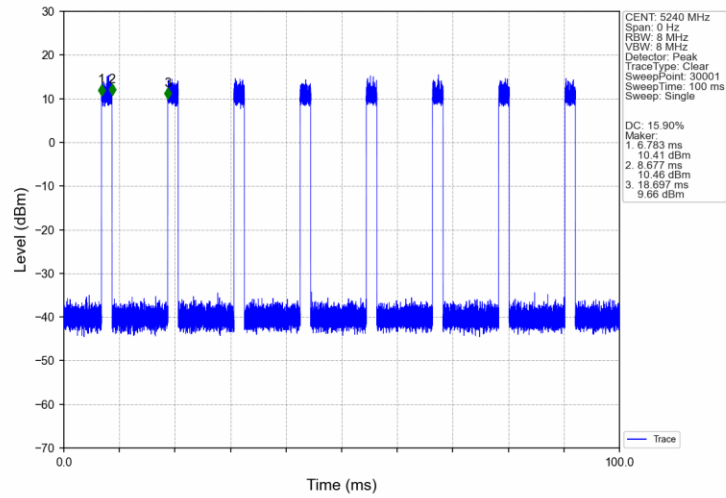
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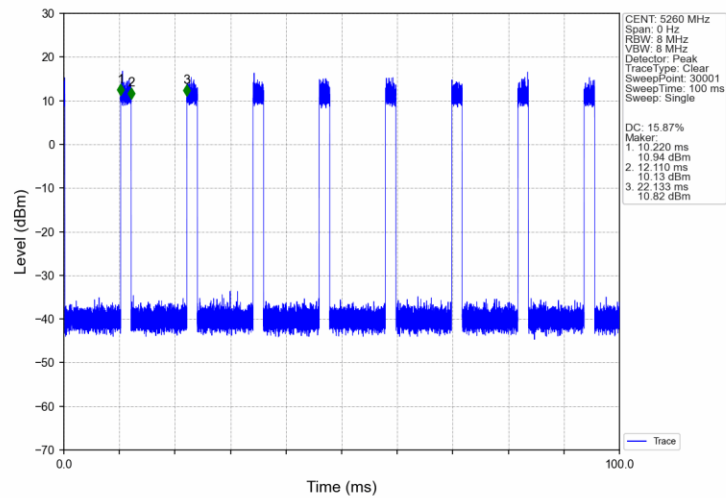
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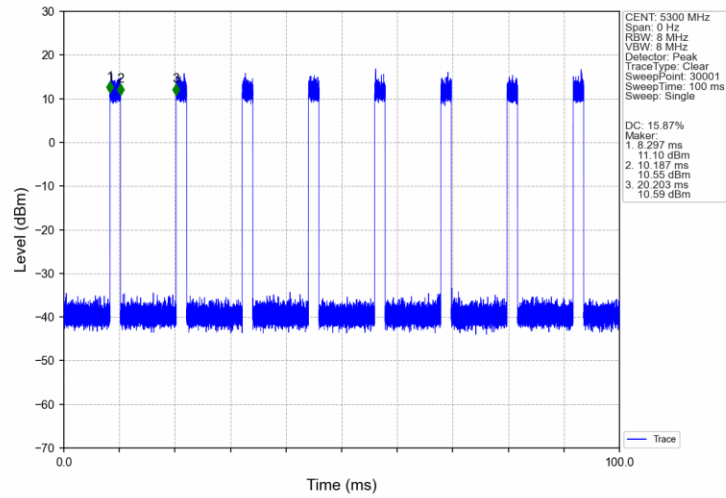
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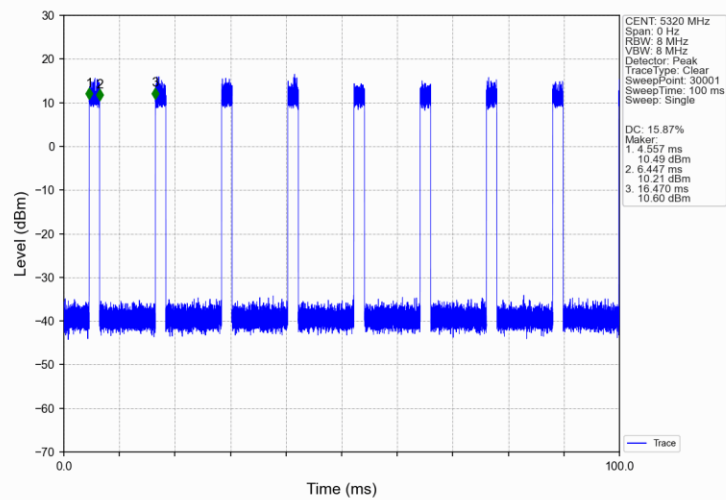
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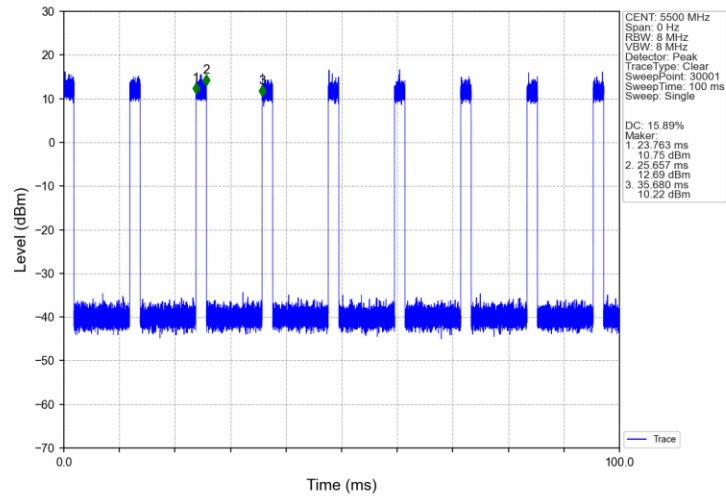
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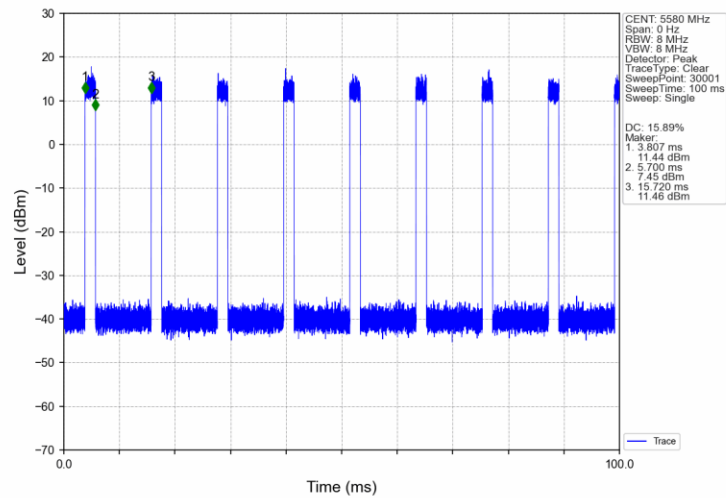
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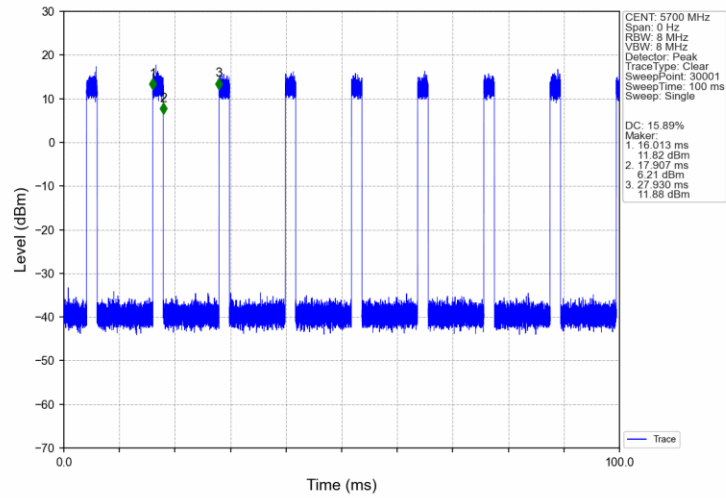
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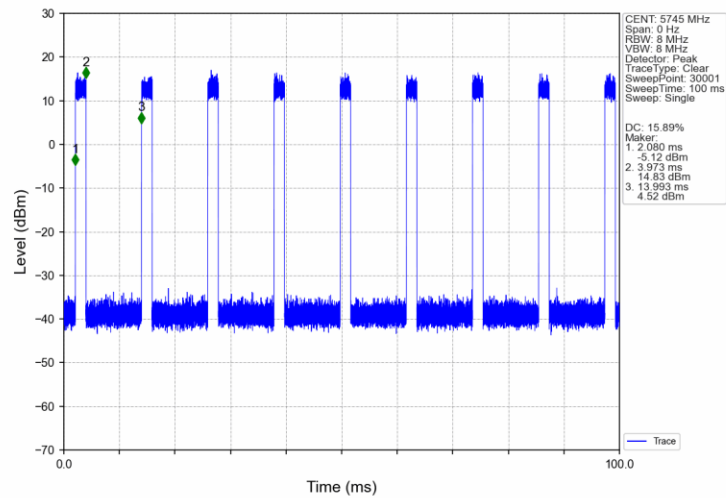
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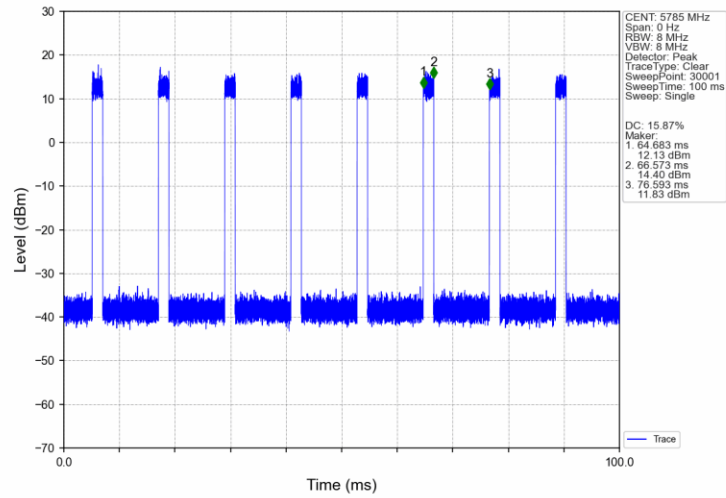
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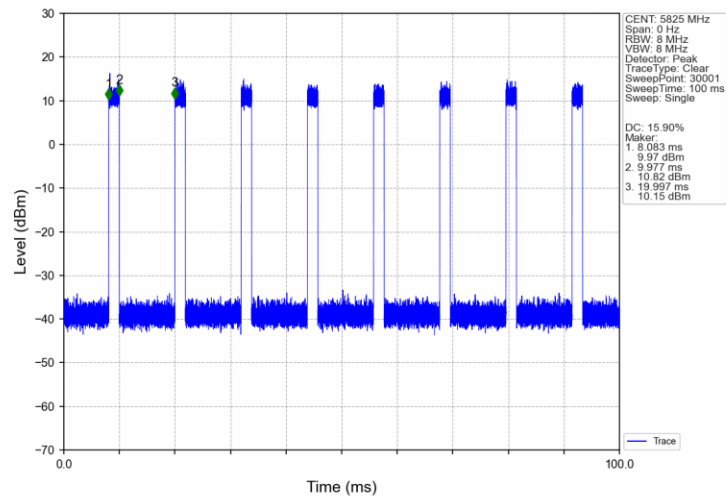
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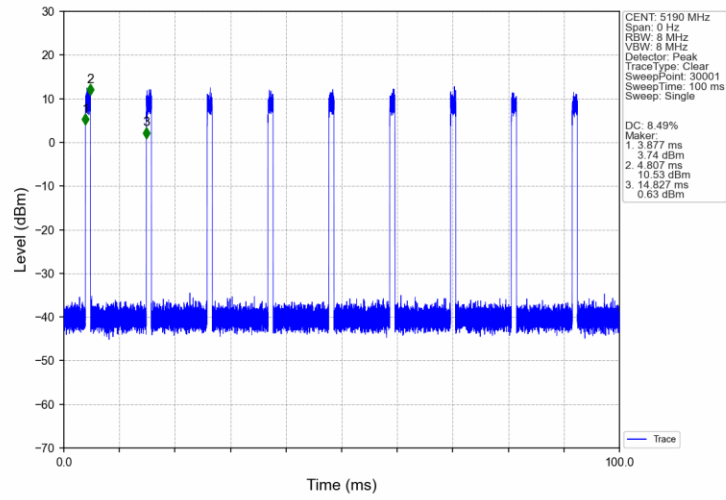
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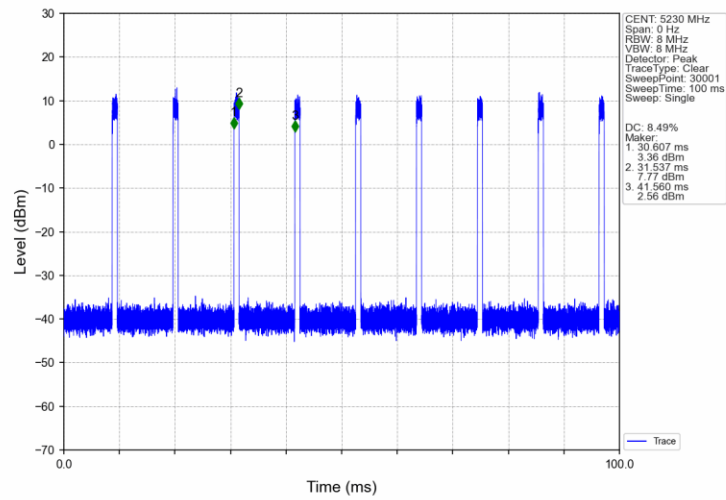
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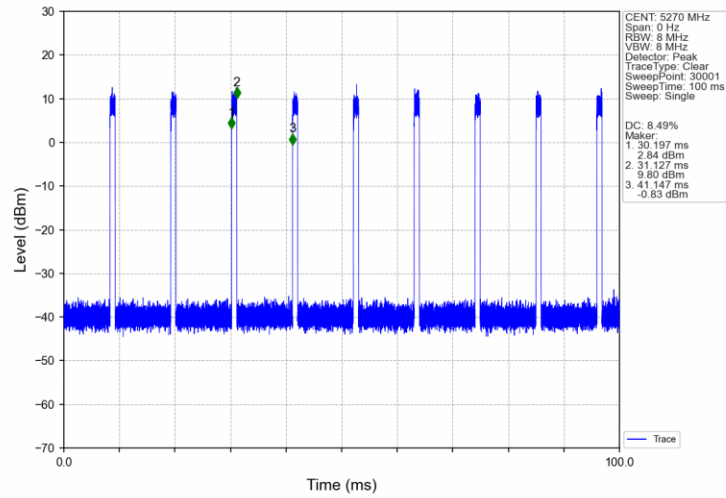
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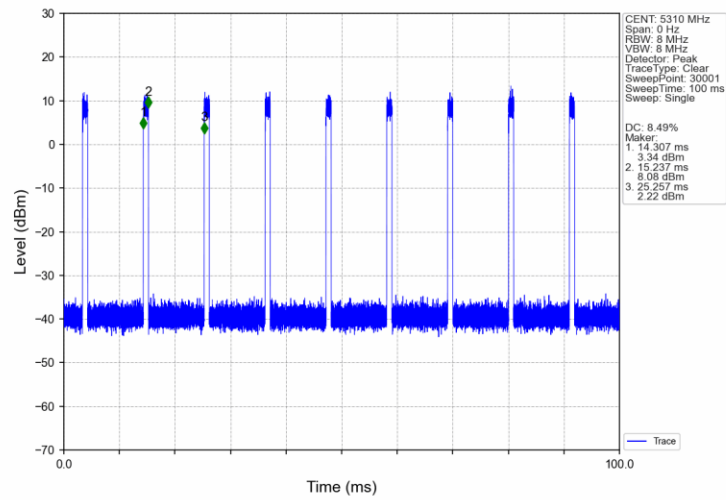
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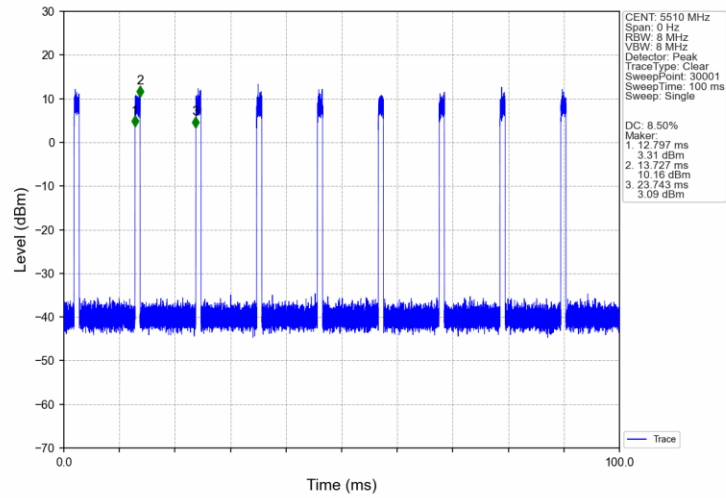
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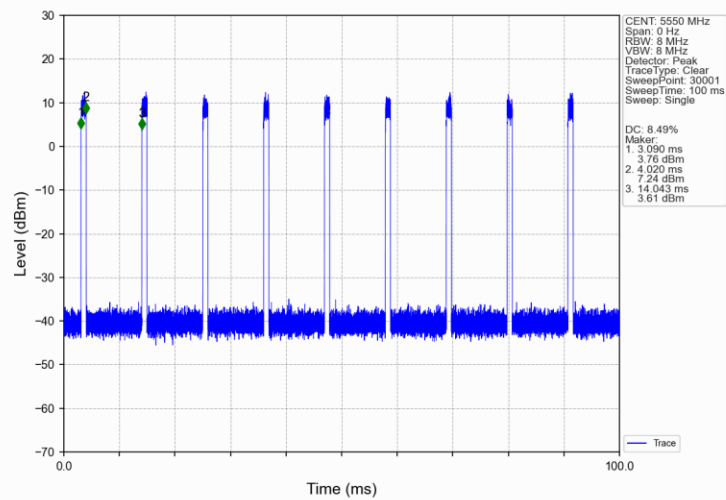
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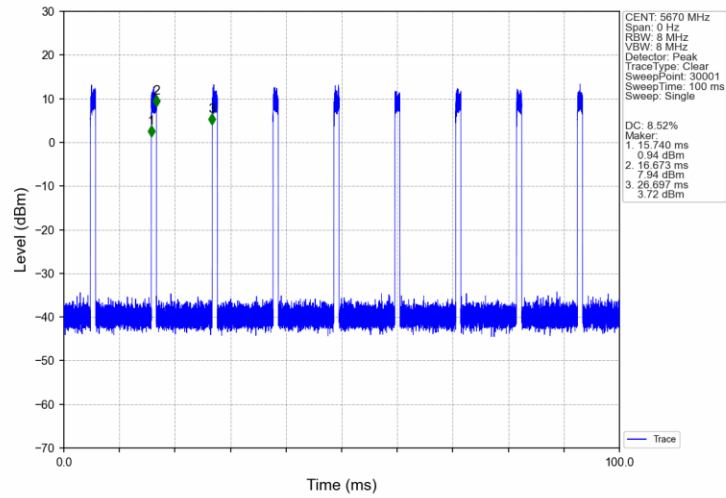
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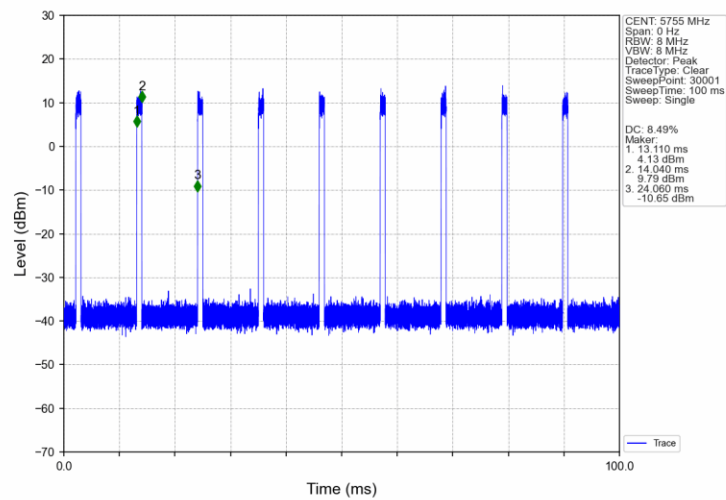
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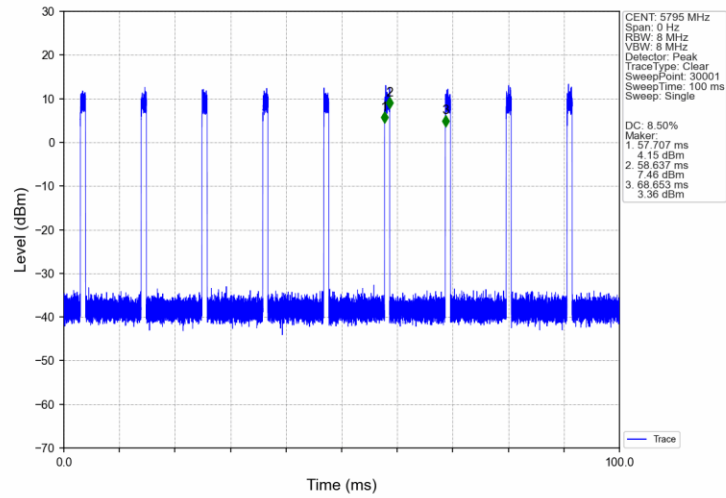
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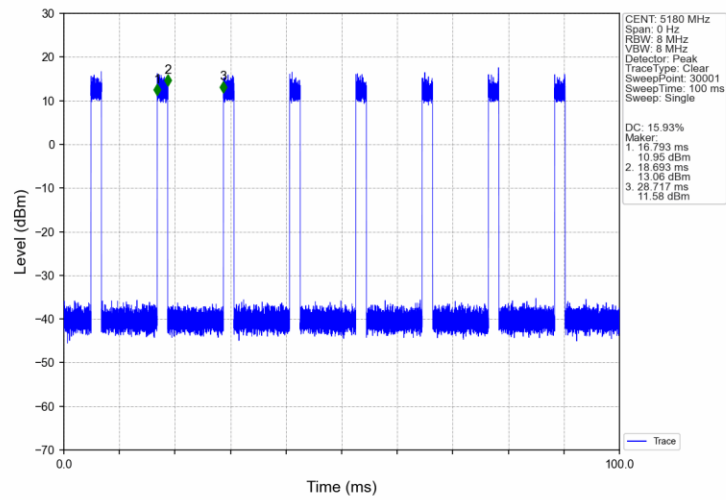
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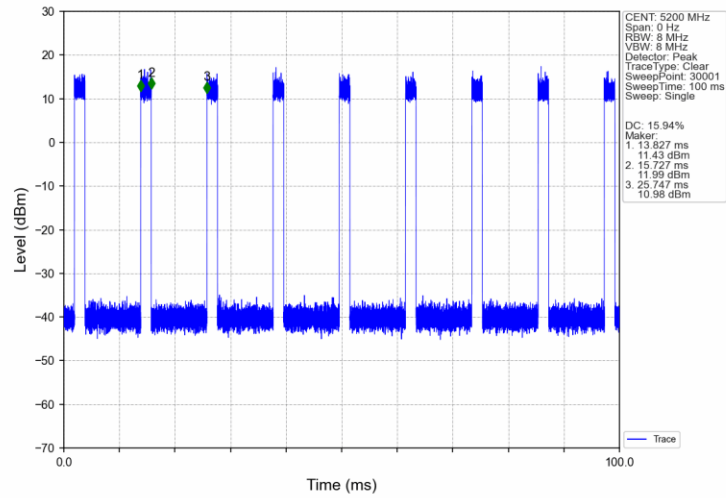
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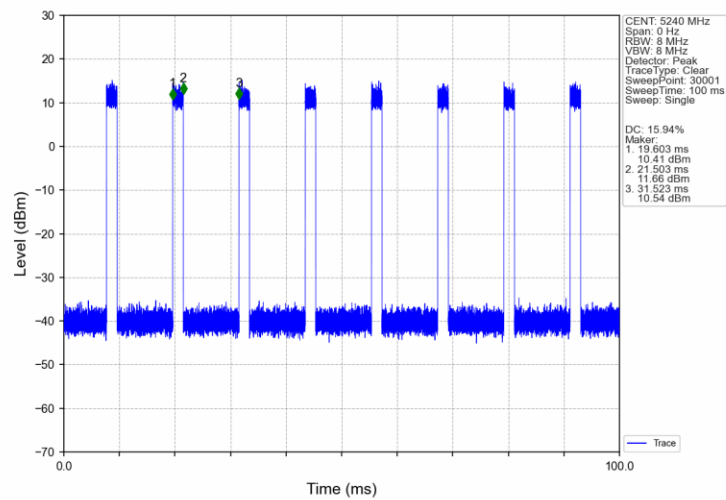
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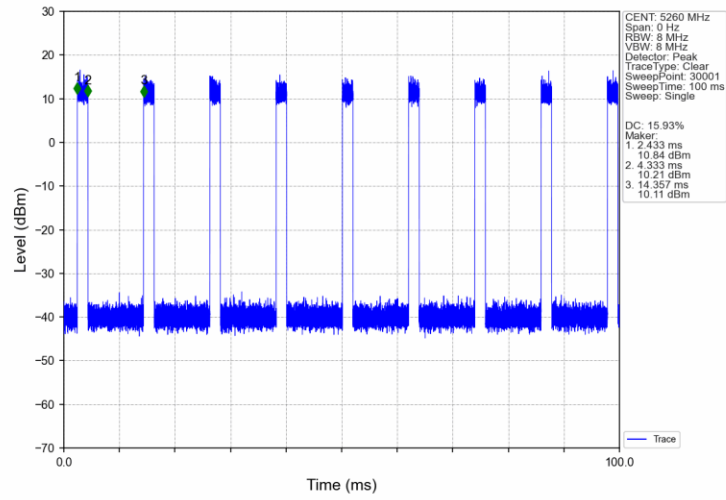
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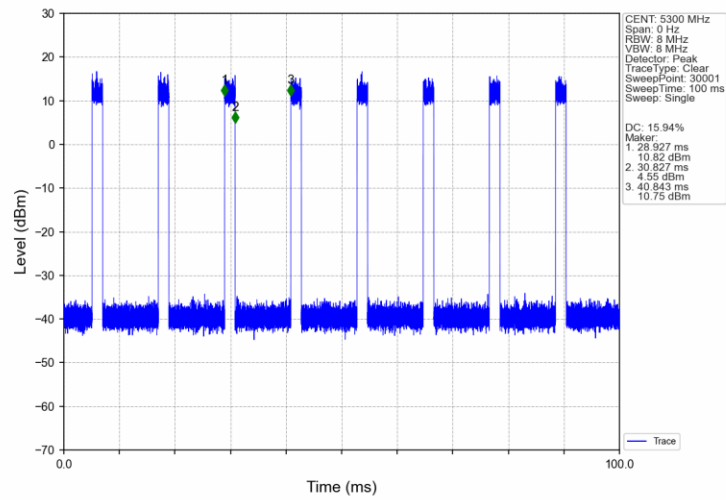
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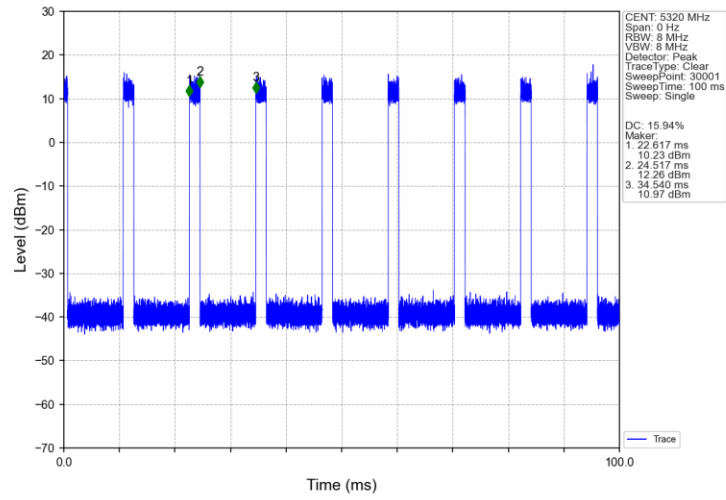
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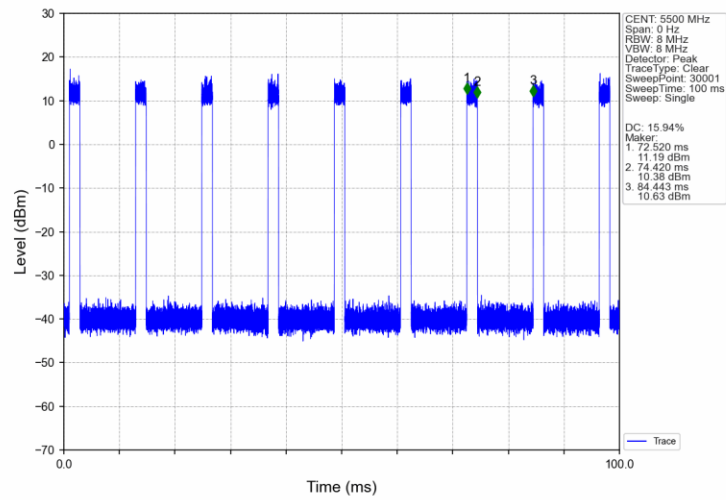
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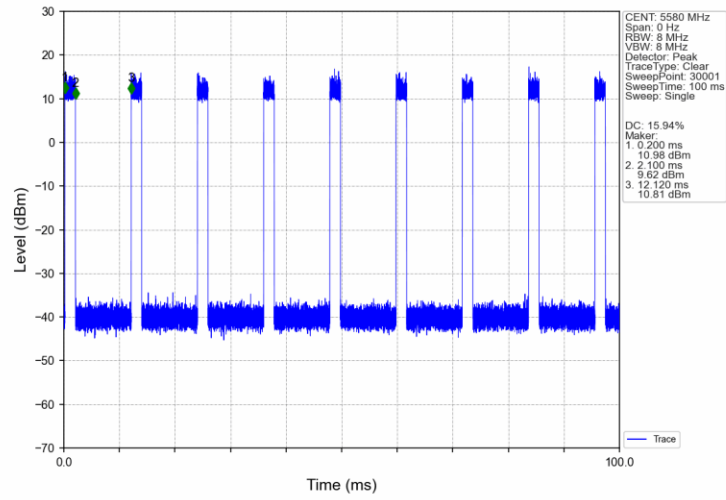
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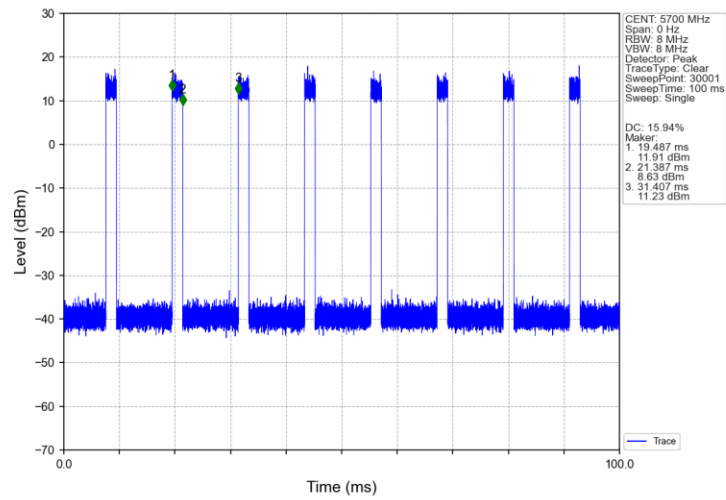
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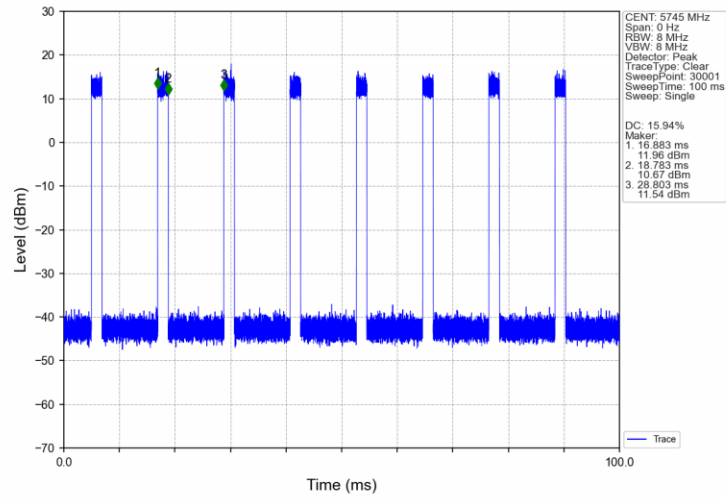
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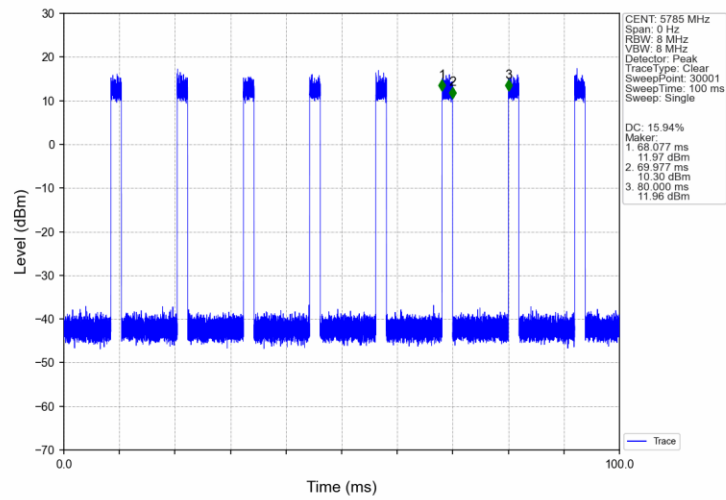
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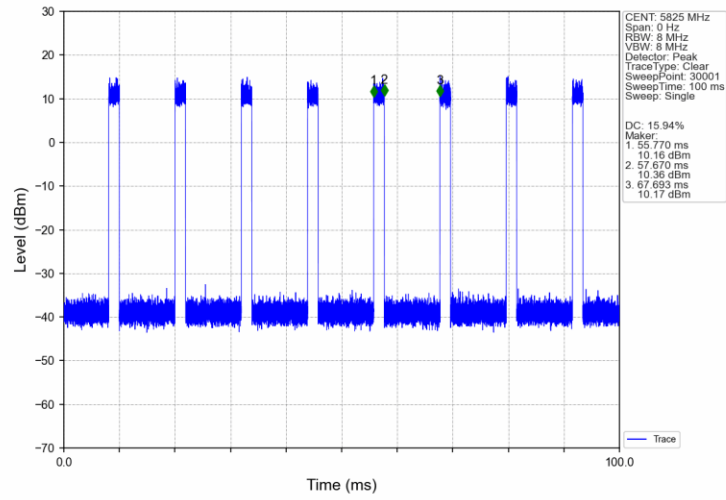
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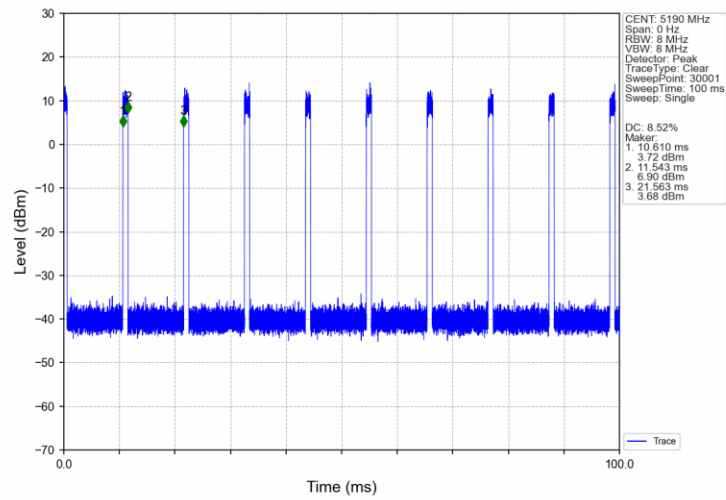
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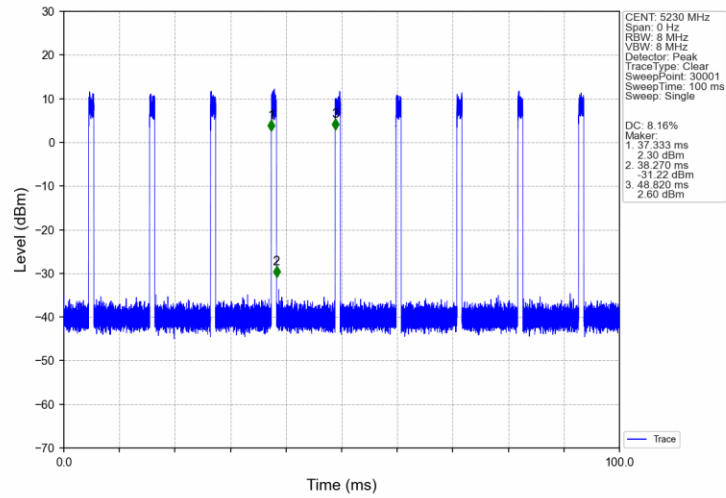
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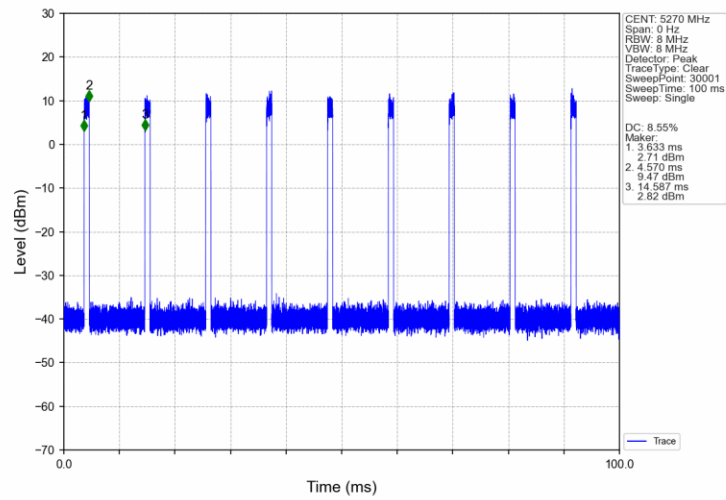
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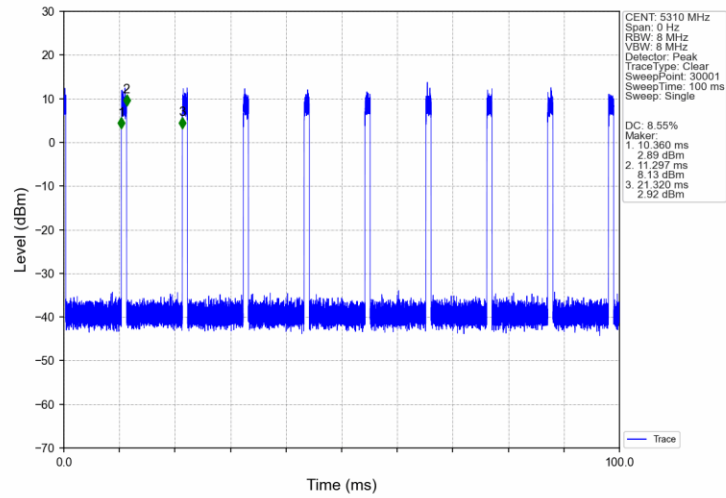
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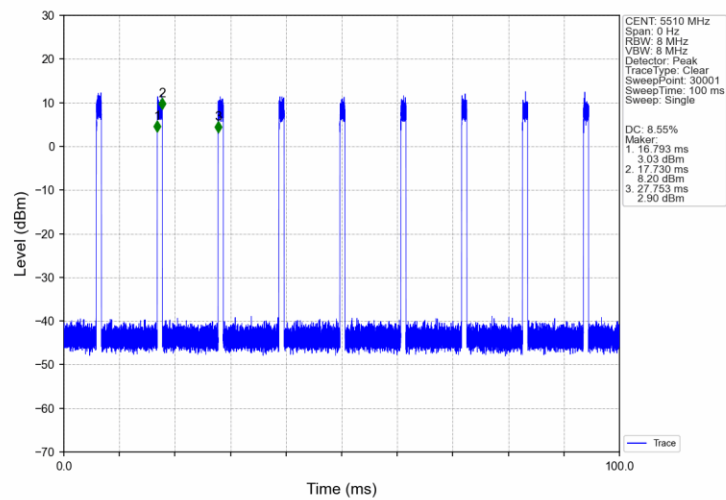
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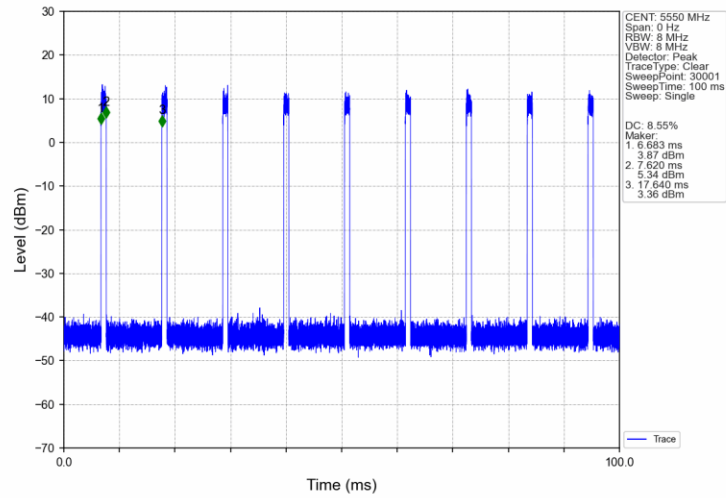
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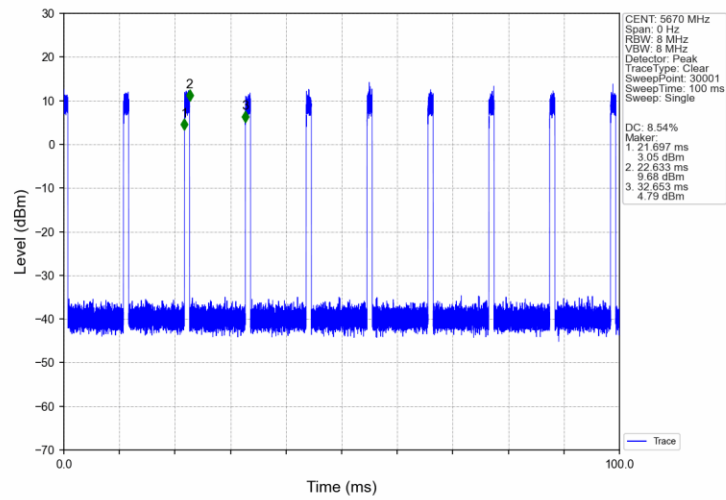
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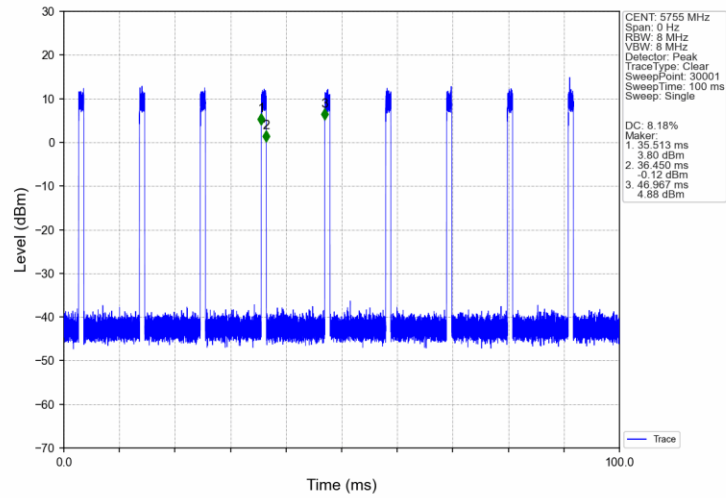
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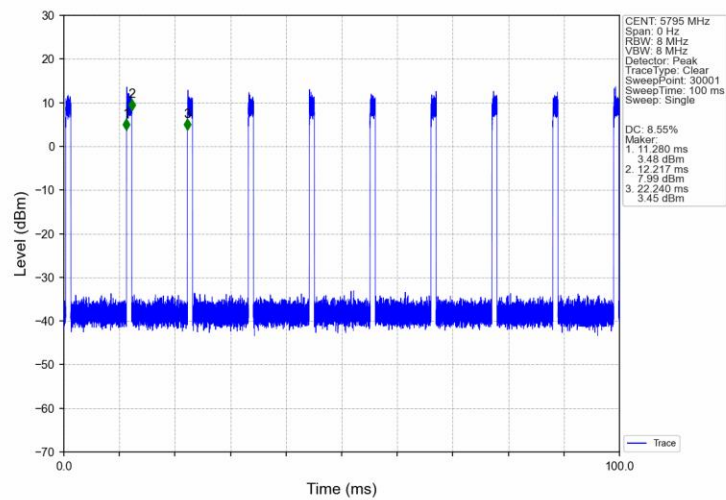
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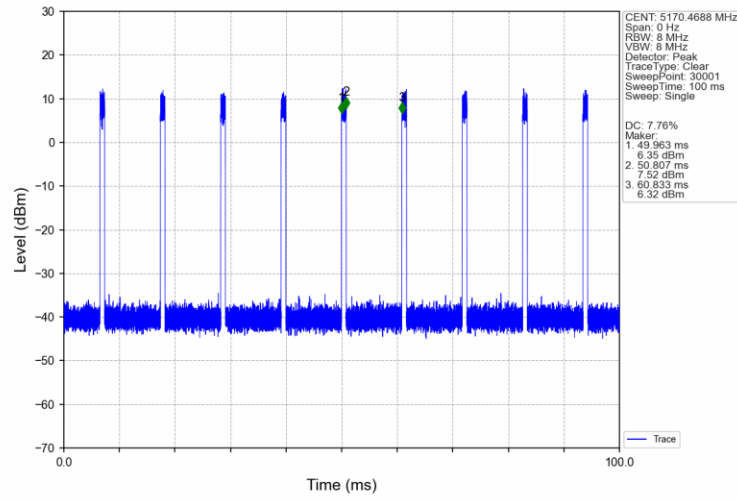
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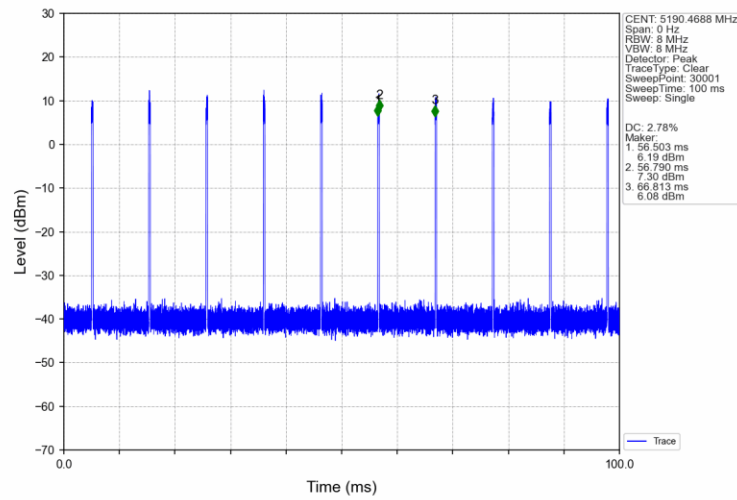
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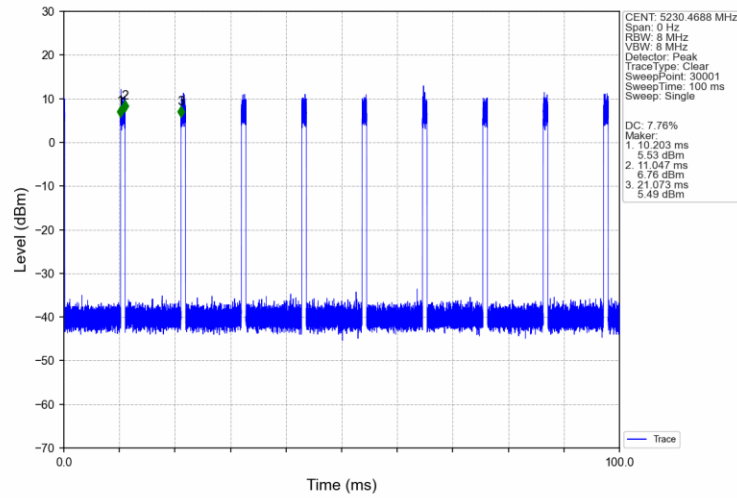
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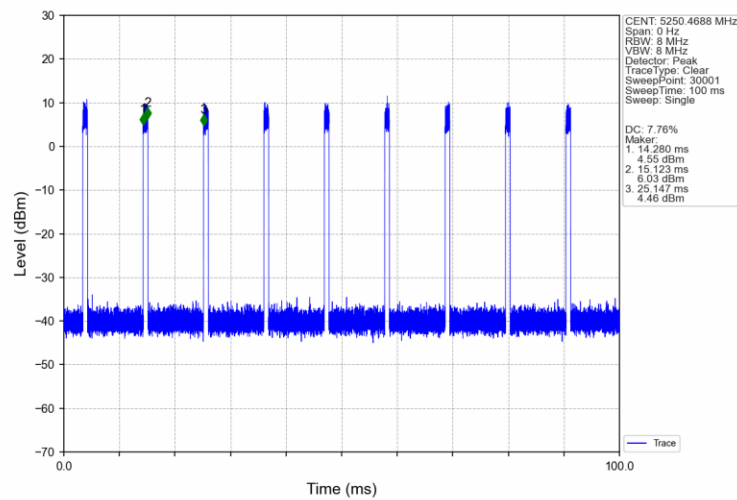
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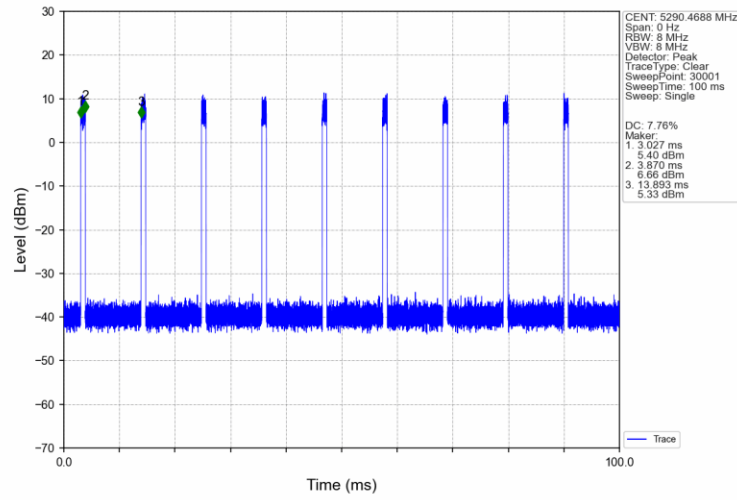
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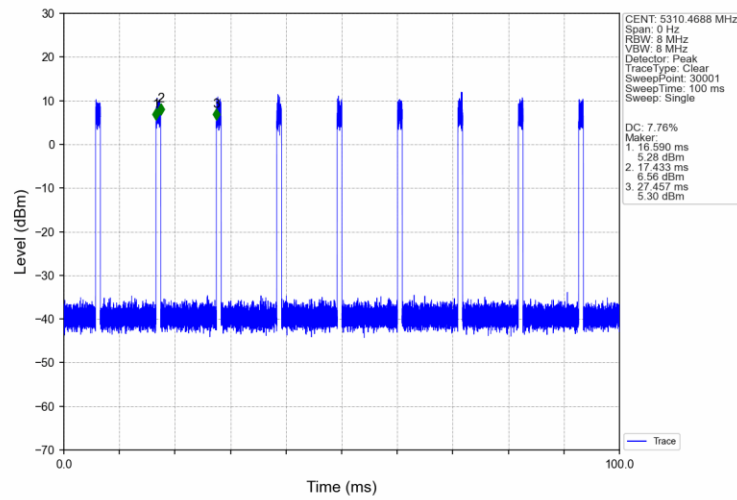
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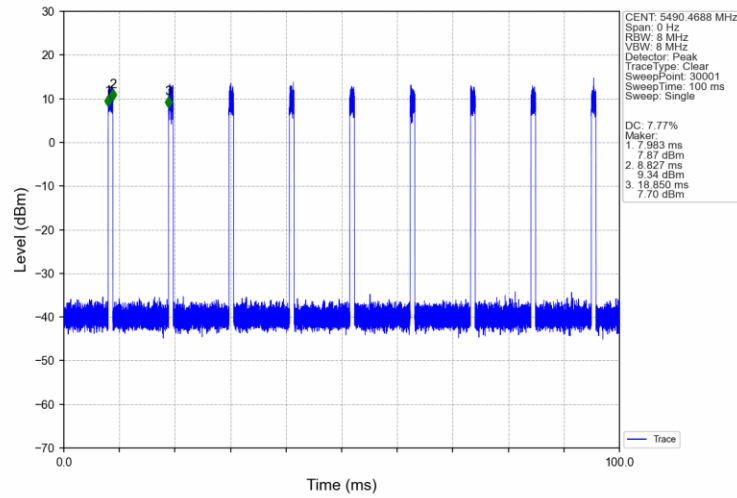
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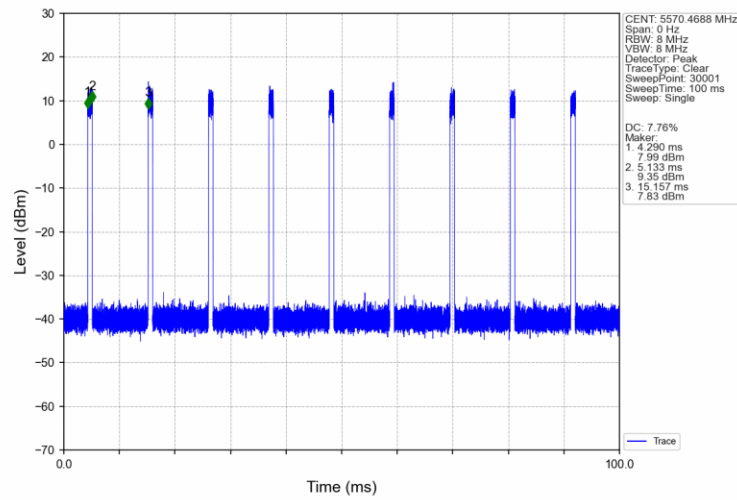
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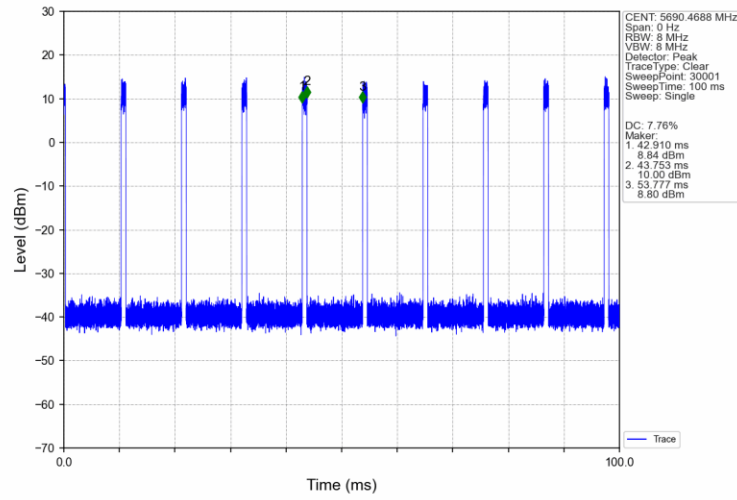
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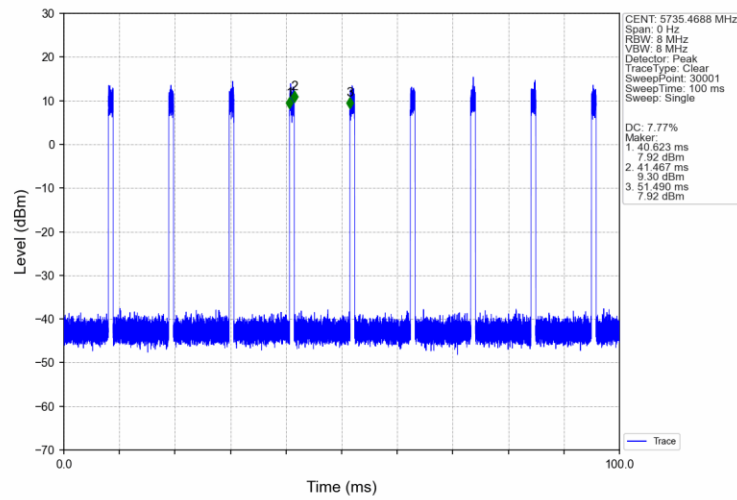
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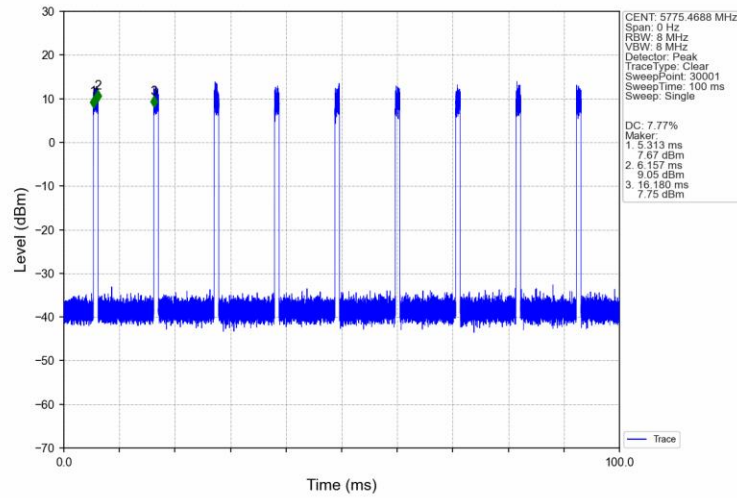
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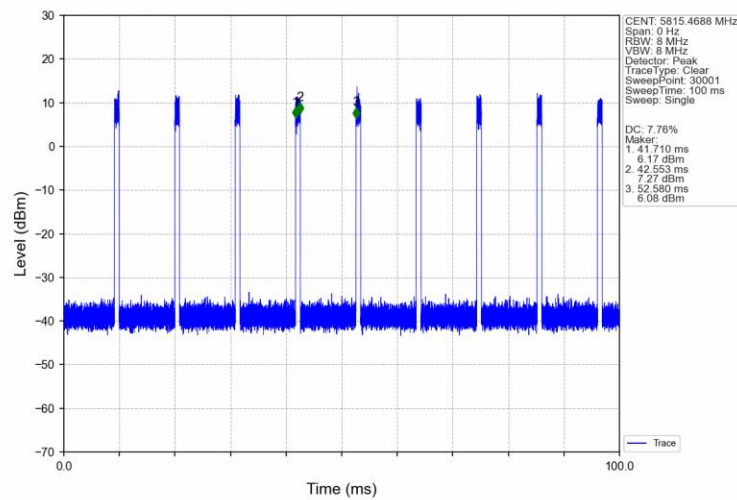
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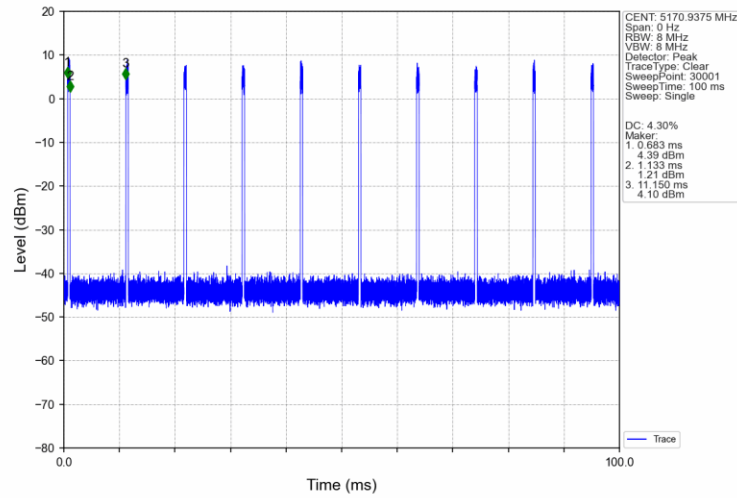
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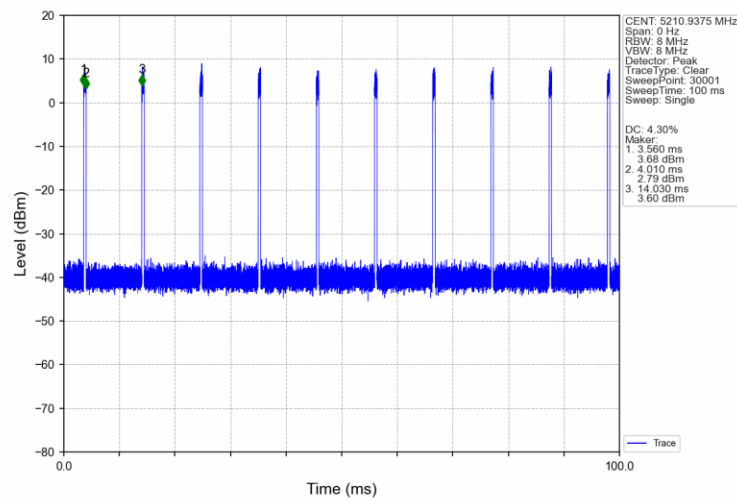
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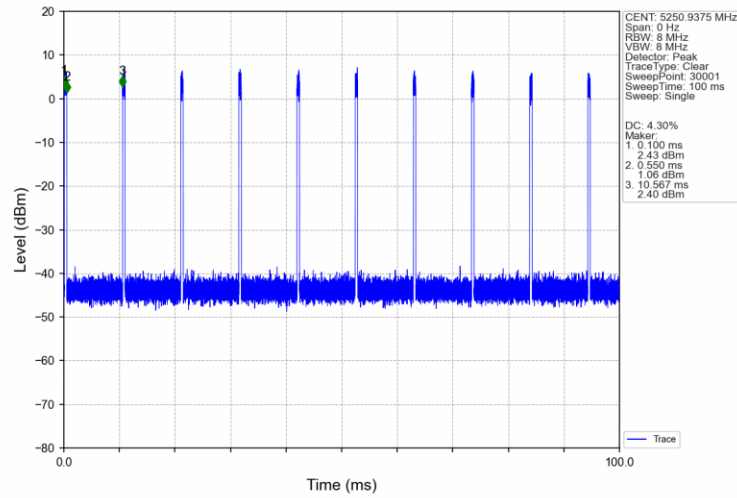
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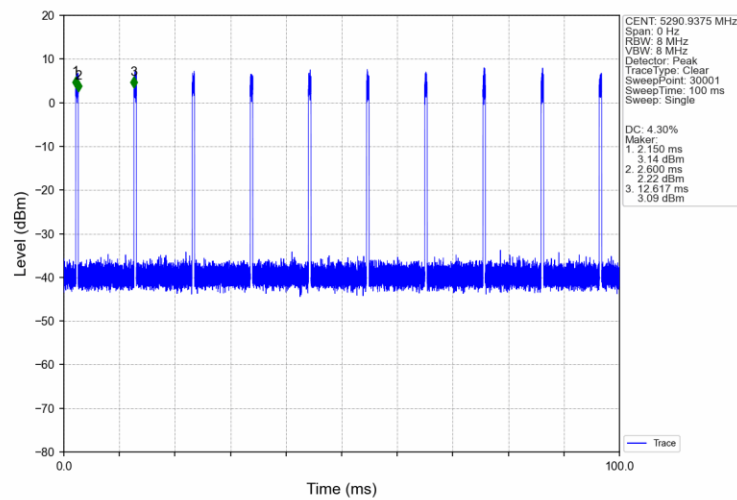
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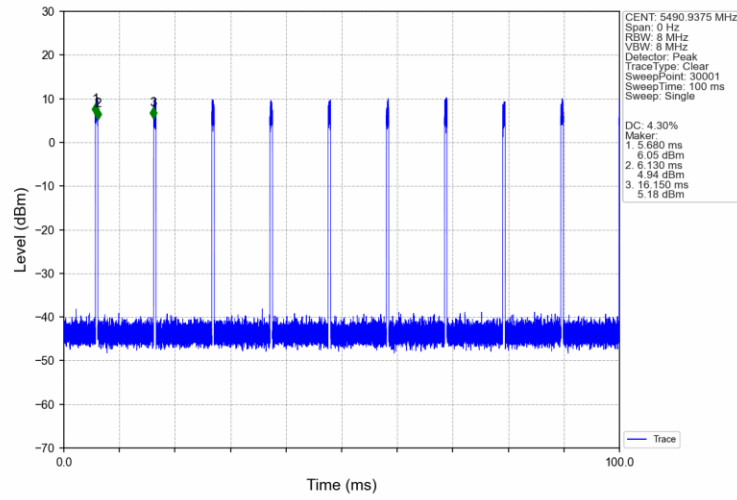
802.11ax(HEW40)_LCH_5270MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_LCH_5510MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_MCH_5550MHz_SU_/_Ant1_NTNV

