

Appendix RF test data for WIFI 5G

1. Duty Cycle

1.1 Test Result

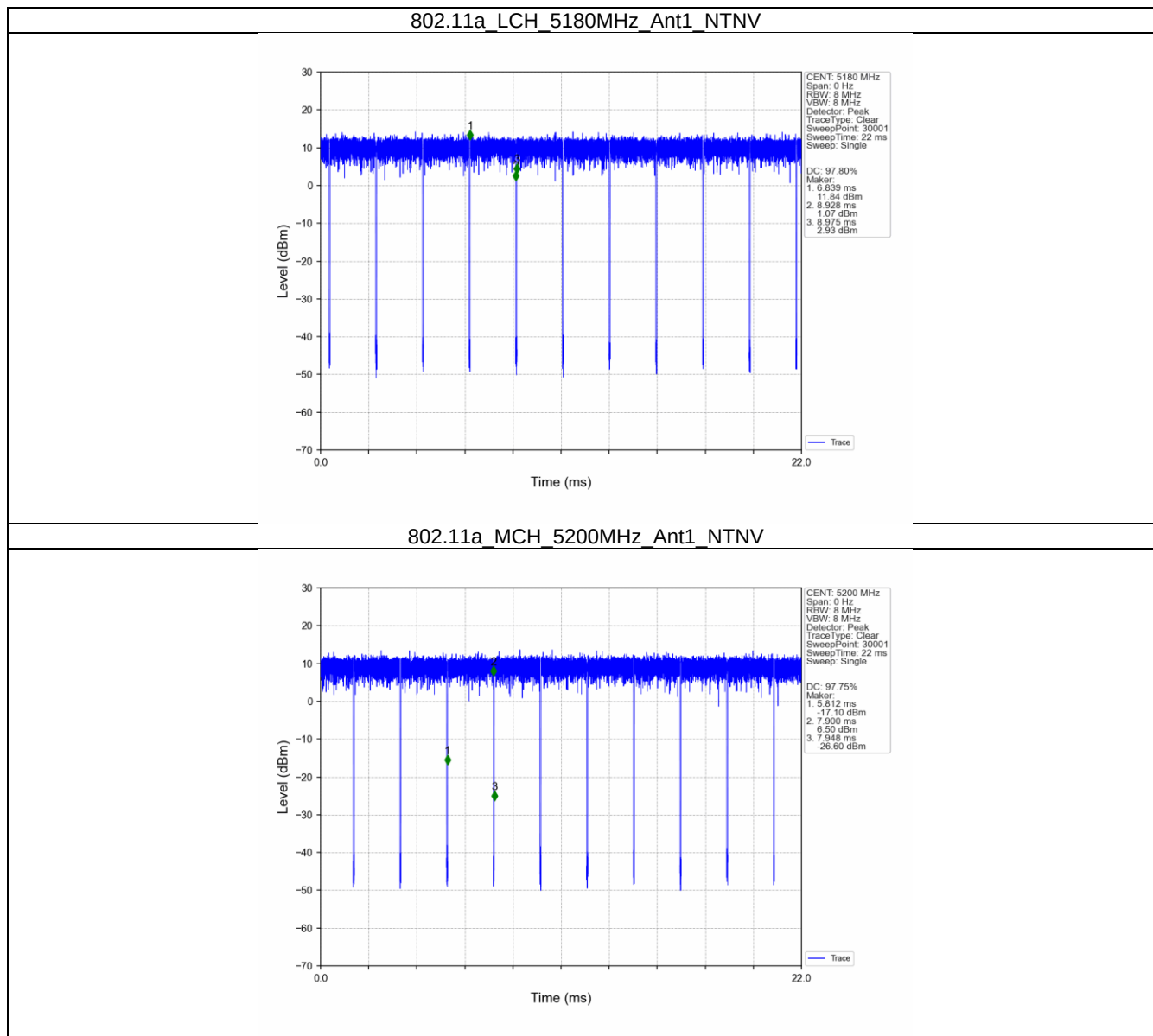
1.1.1 Ant1

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	/	/	2.089	2.136	97.80	0.10	0.07
		5200	/	/	2.088	2.136	97.75	0.10	0.07
		5240	/	/	2.088	2.137	97.71	0.10	0.10
		5260	/	/	2.088	2.136	97.75	0.10	0.17
		5300	/	/	2.089	2.137	97.75	0.10	0.14
		5320	/	/	2.090	2.137	97.80	0.10	0.07
		5500	/	/	2.089	2.137	97.75	0.10	0.07
		5580	/	/	2.088	2.137	97.71	0.10	0.17
		5700	/	/	2.088	2.136	97.75	0.10	0.10
		5745	/	/	2.089	2.137	97.75	0.10	0.10
		5785	/	/	2.089	2.136	97.80	0.10	0.03
		5825	/	/	2.089	2.137	97.75	0.10	0.10
802.11n (HT20)	SISO	5180	/	/	3.978	4.026	98.81	0.05	0.07
		5200	/	/	3.977	4.025	98.81	0.05	0.03
		5240	/	/	3.976	4.025	98.78	0.05	0.07
		5260	/	/	3.977	4.025	98.81	0.05	0.03
		5300	/	/	3.978	4.027	98.78	0.05	0.07
		5320	/	/	3.978	4.027	98.78	0.05	0.07
		5500	/	/	3.976	4.025	98.78	0.05	0.07
		5580	/	/	3.978	4.027	98.78	0.05	0.07
		5700	/	/	3.977	4.026	98.78	0.05	0.07
		5745	/	/	3.976	4.025	98.78	0.05	0.10
		5785	/	/	3.976	4.023	98.83	0.05	0.07
		5825	/	/	3.976	4.023	98.83	0.05	0.03
802.11n (HT40)	SISO	5190	/	/	3.971	4.019	98.81	0.05	0.07
		5230	/	/	3.972	4.020	98.81	0.05	0.03
		5270	/	/	3.972	4.019	98.83	0.05	0.03
		5310	/	/	3.972	4.019	98.83	0.05	0.03
		5510	/	/	3.972	4.019	98.83	0.05	0.07
		5550	/	/	3.972	4.019	98.83	0.05	0.07
		5670	/	/	3.972	4.020	98.81	0.05	0.03
		5755	/	/	3.972	4.019	98.83	0.05	0.03
802.11ac (VHT20)	SISO	5795	/	/	3.972	4.019	98.83	0.05	0.07
		5180	/	/	3.946	3.995	98.77	0.05	0.07
		5200	/	/	3.945	3.993	98.80	0.05	0.03
		5240	/	/	3.944	3.991	98.82	0.05	0.04
		5260	/	/	3.944	3.993	98.77	0.05	0.07
		5300	/	/	3.944	3.993	98.77	0.05	0.07
		5320	/	/	3.945	3.993	98.80	0.05	0.03
		5500	/	/	3.943	3.992	98.77	0.05	0.07
		5580	/	/	3.945	3.994	98.77	0.05	0.07
		5700	/	/	3.944	3.993	98.77	0.05	0.07
		5745	/	/	3.946	3.995	98.77	0.05	0.07
		5785	/	/	3.943	3.992	98.77	0.05	0.10
802.11ac (VHT40)	SISO	5825	/	/	3.943	3.992	98.77	0.05	0.10
		5190	/	/	3.961	4.010	98.78	0.05	0.07
		5230	/	/	3.961	4.008	98.83	0.05	0.03
		5270	/	/	3.960	4.008	98.80	0.05	0.03
		5310	/	/	3.961	4.008	98.83	0.05	0.03

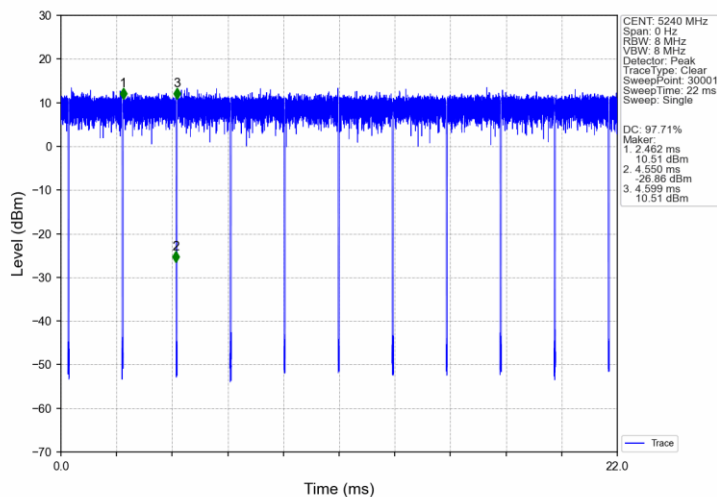
		5510	/	/	3.961	4.008	98.83	0.05	0.03
		5550	/	/	3.961	4.008	98.83	0.05	0.07
		5670	/	/	3.960	4.008	98.80	0.05	0.07
		5755	/	/	3.961	4.009	98.80	0.05	0.03
		5795	/	/	3.961	4.009	98.80	0.05	0.03
802.11ax (HEW20)	SISO	5180	SU	/	3.982	4.032	98.76	0.05	0.07
		5200	SU	/	3.983	4.032	98.78	0.05	0.07
		5240	SU	/	3.983	4.032	98.78	0.05	0.03
		5260	SU	/	0.175	0.223	78.48	1.05	0.58
		5300	SU	/	0.175	0.224	78.13	1.07	0.82
		5320	SU	/	0.175	0.224	78.13	1.07	0.41
		5500	SU	/	0.175	0.223	78.48	1.05	0.67
		5580	SU	/	0.175	0.224	78.13	1.07	0.72
		5700	SU	/	0.175	0.223	78.48	1.05	0.46
		5745	SU	/	0.175	0.224	78.13	1.07	0.63
		5785	SU	/	0.177	0.223	79.37	1.00	0.46
		5825	SU	/	0.175	0.224	78.13	1.07	0.73
802.11ax (HEW40)	SISO	5190	SU	/	3.982	4.031	98.78	0.05	0.03
		5230	SU	/	0.171	0.220	77.73	1.09	0.54
		5270	SU	/	0.171	0.219	78.08	1.07	0.65
		5310	SU	/	0.171	0.220	77.73	1.09	0.67
		5510	SU	/	0.171	0.220	77.73	1.09	0.42
		5550	SU	/	0.173	0.220	78.64	1.04	0.75
		5670	SU	/	0.170	0.220	77.27	1.12	0.54
		5755	SU	/	0.028	0.076	36.84	4.34	63.12
		5795	SU	/	0.171	0.220	77.73	1.09	0.96

1.2 Test Graph

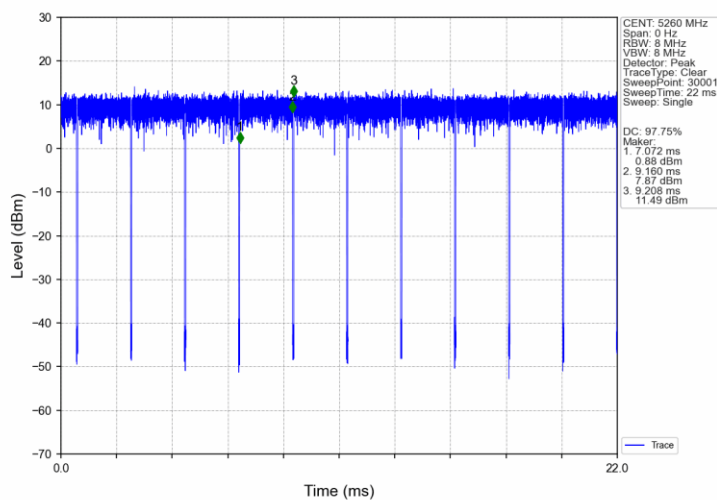
1.2.1 Ant1



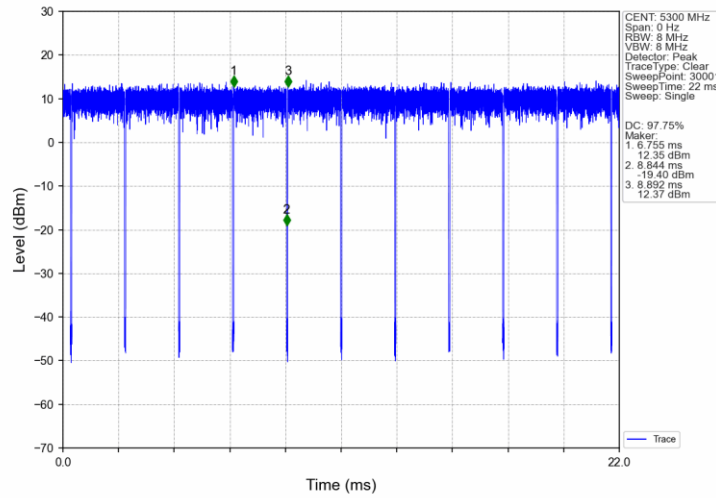
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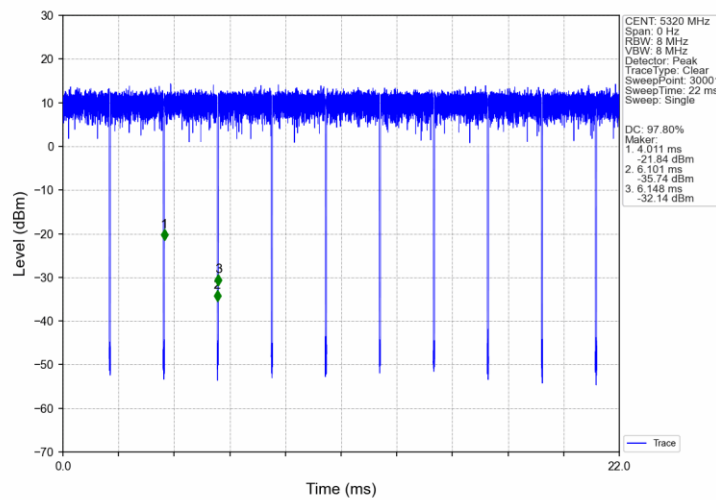
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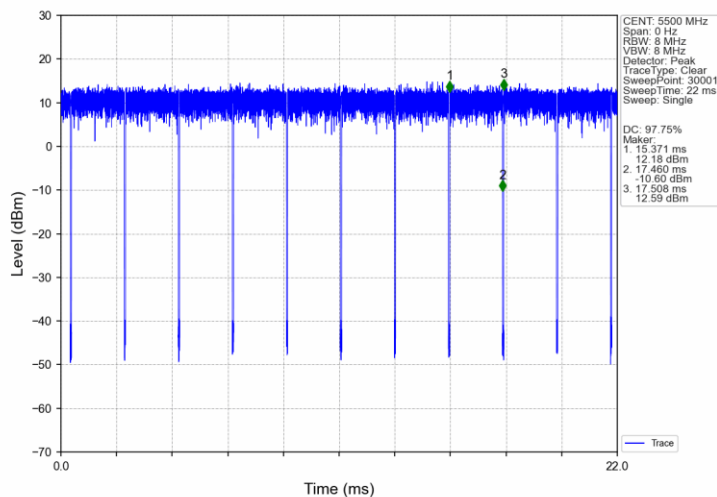
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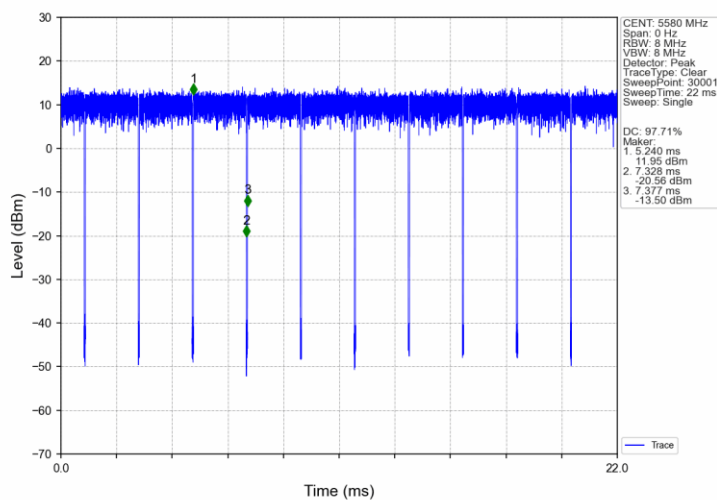
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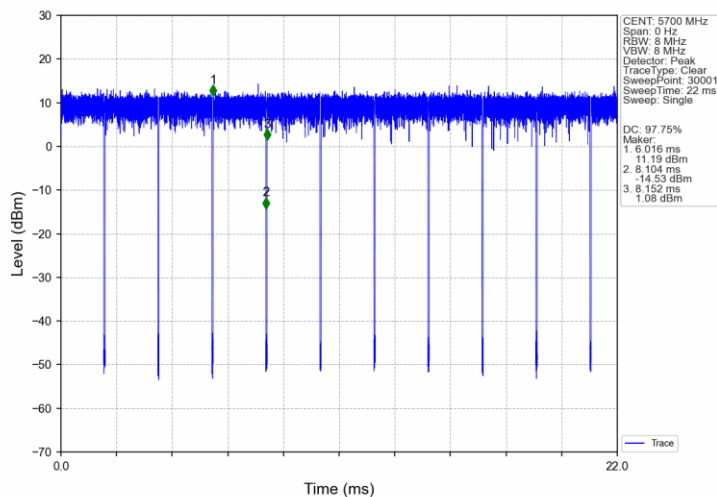
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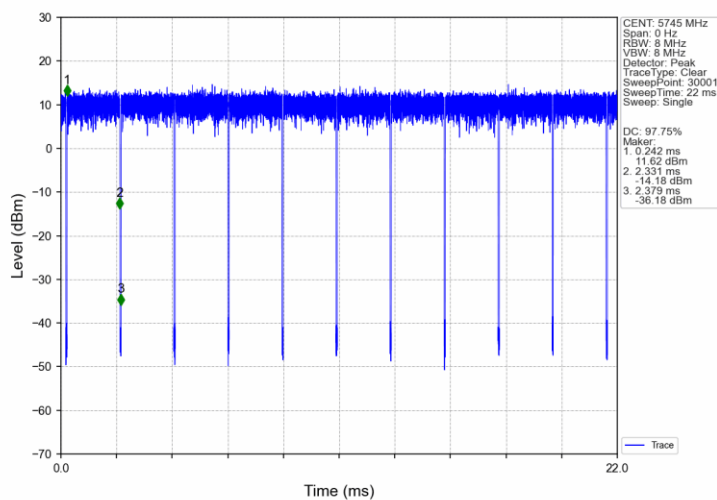
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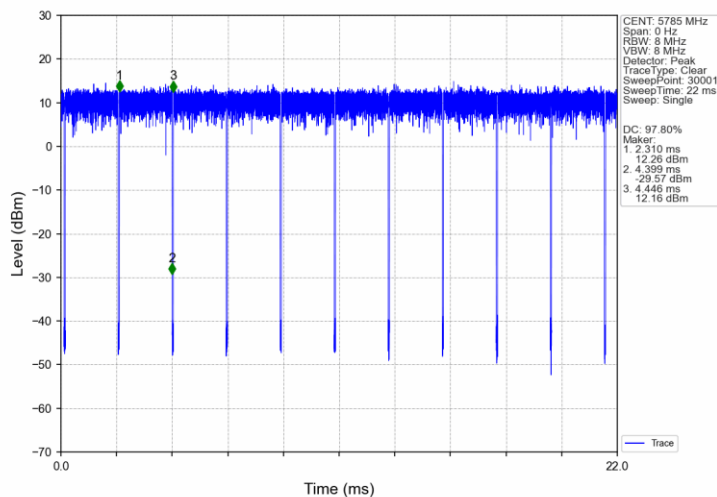
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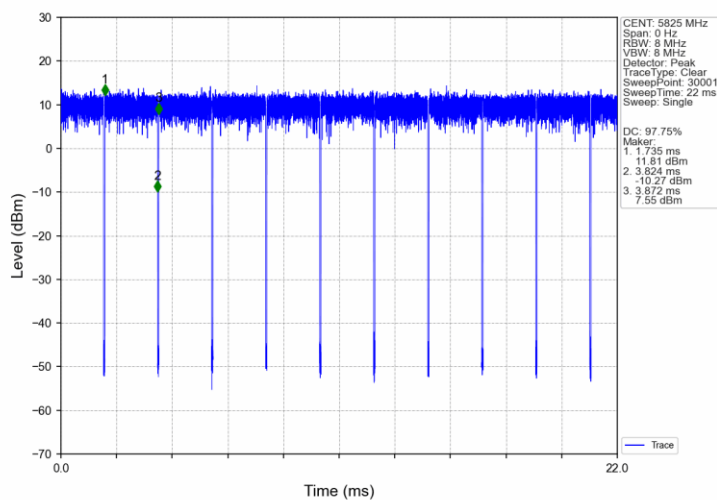
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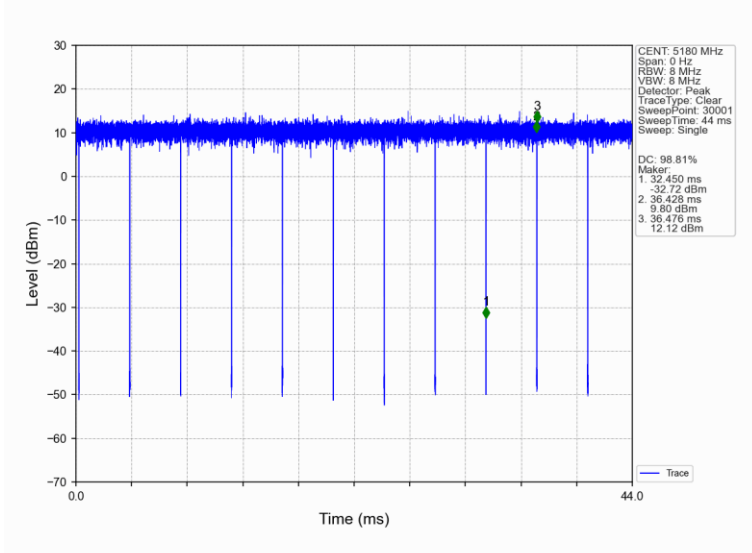
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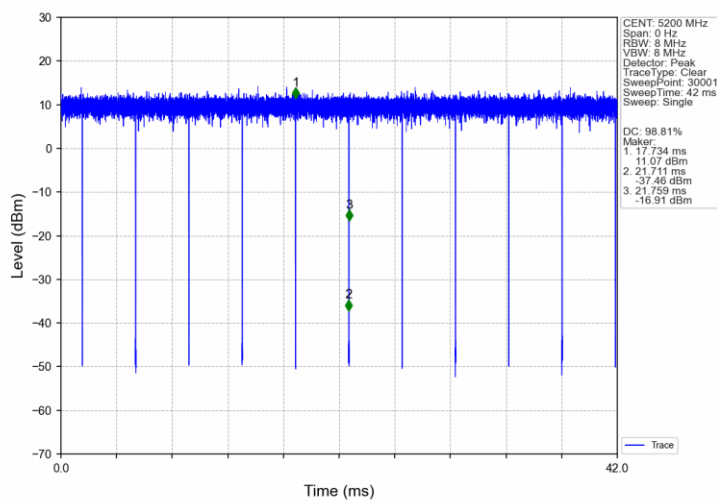
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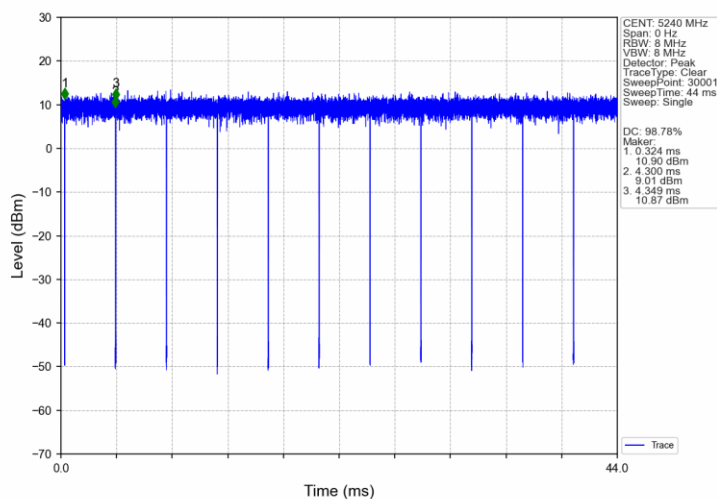
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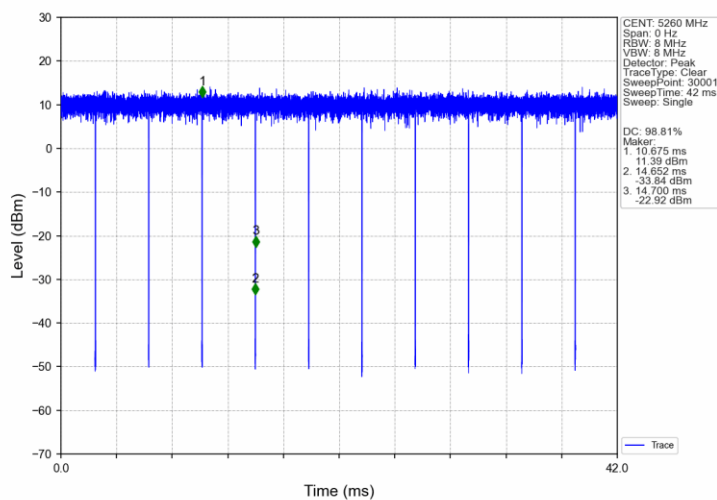
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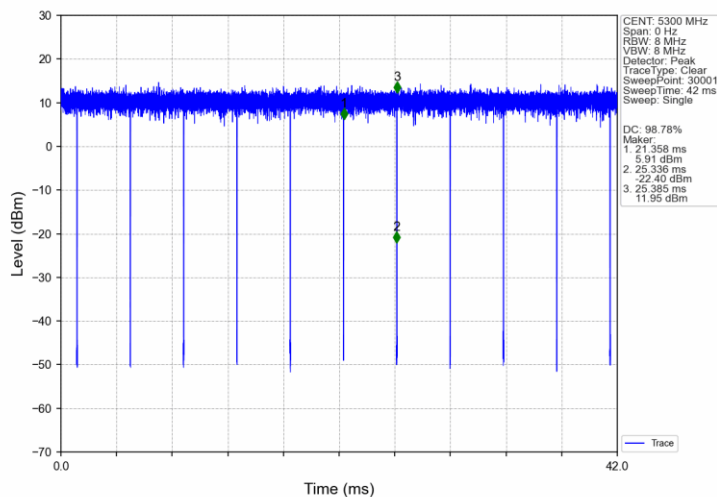
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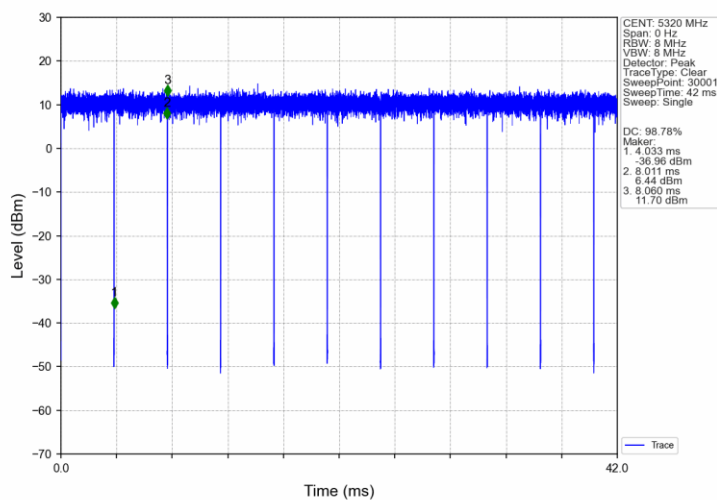
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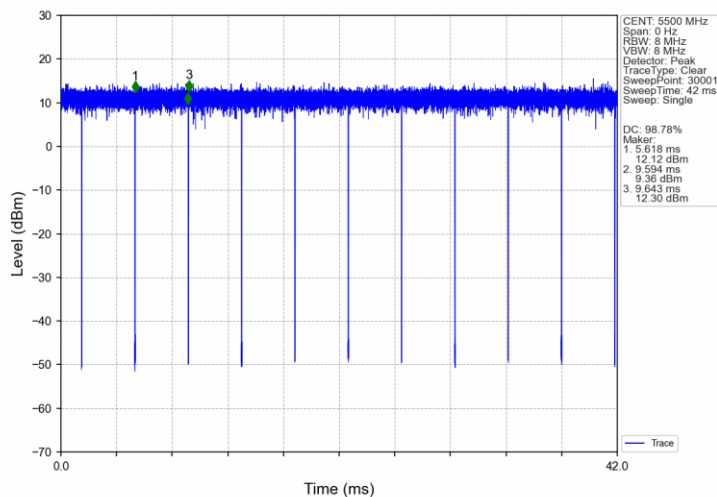
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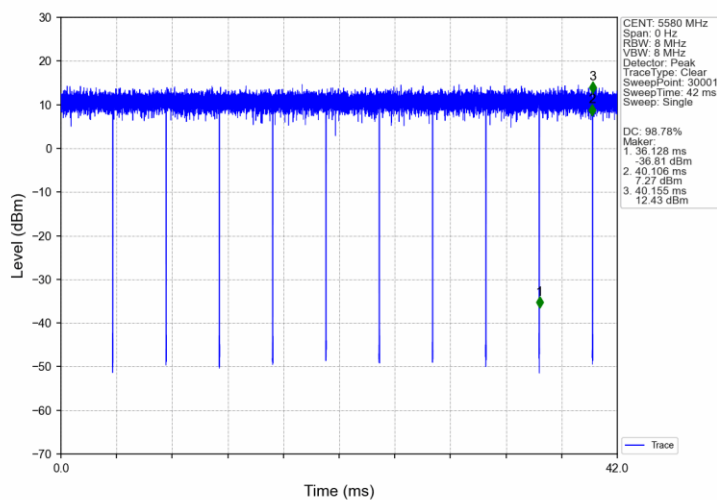
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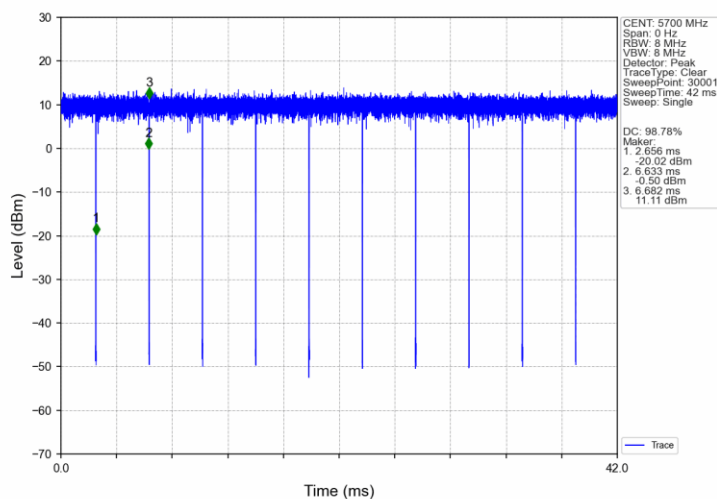
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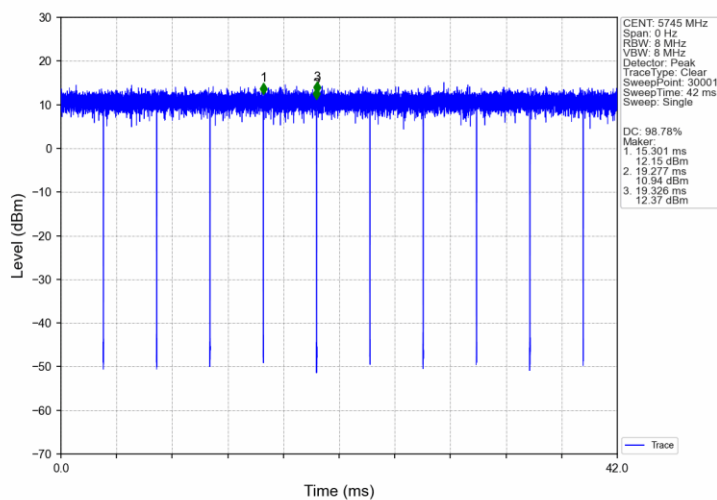
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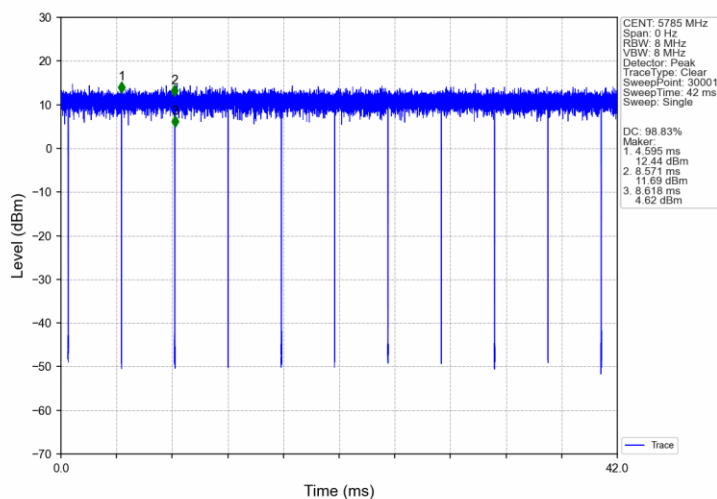
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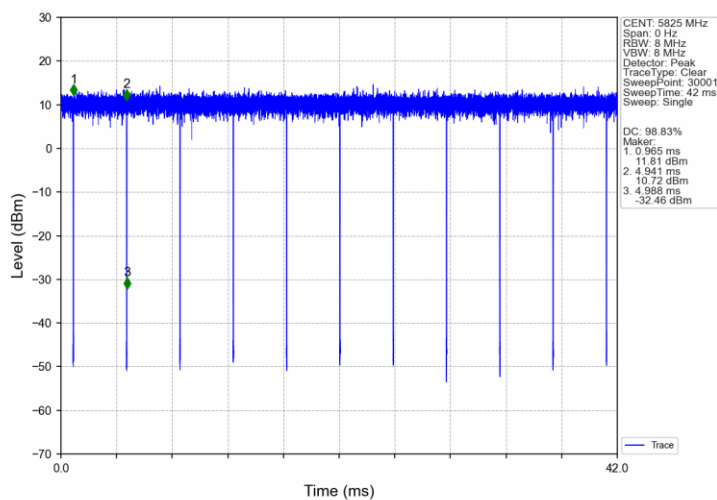
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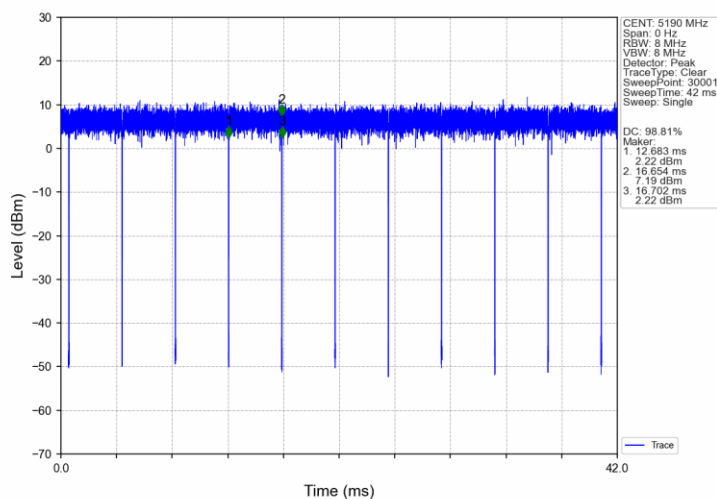
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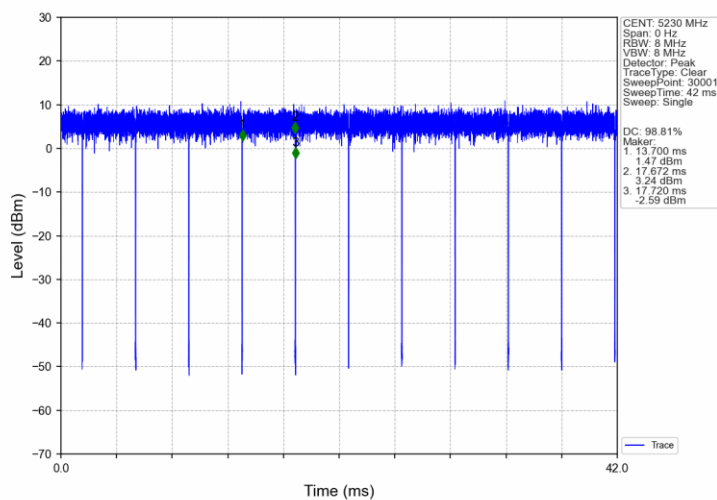
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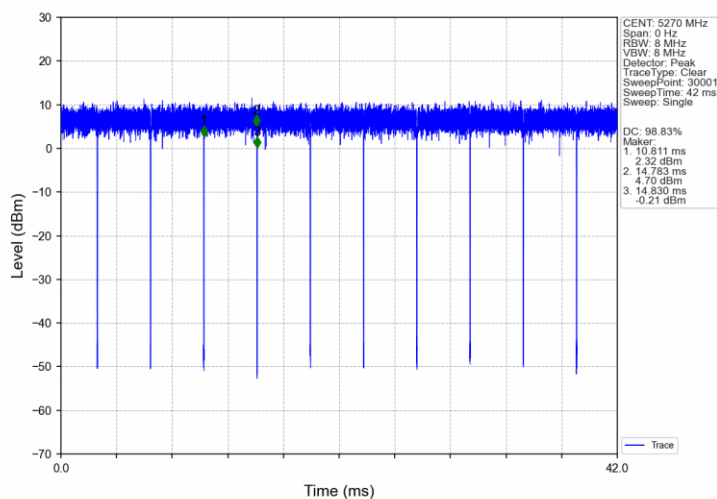
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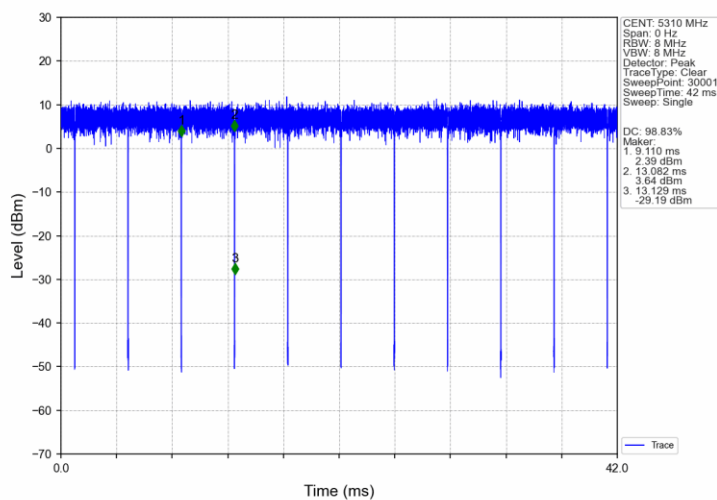
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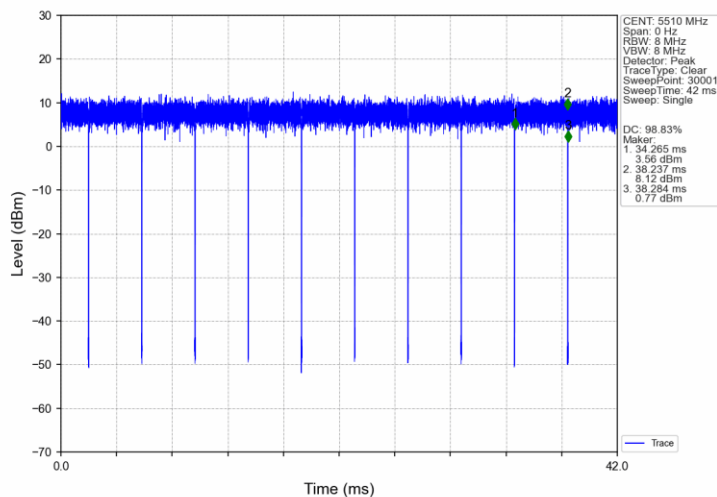
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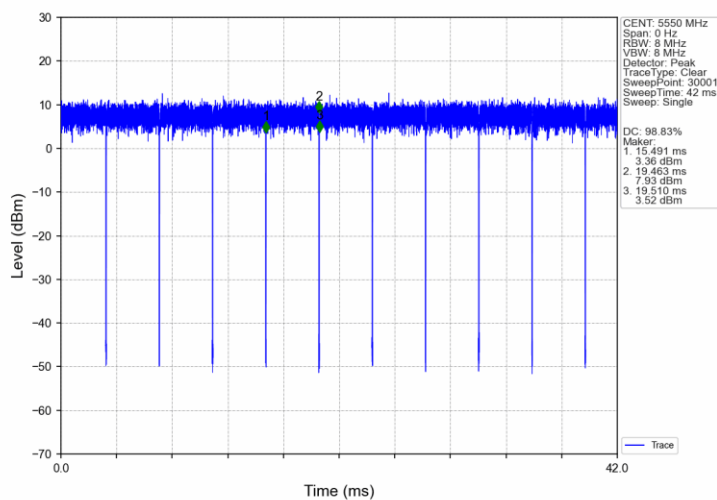
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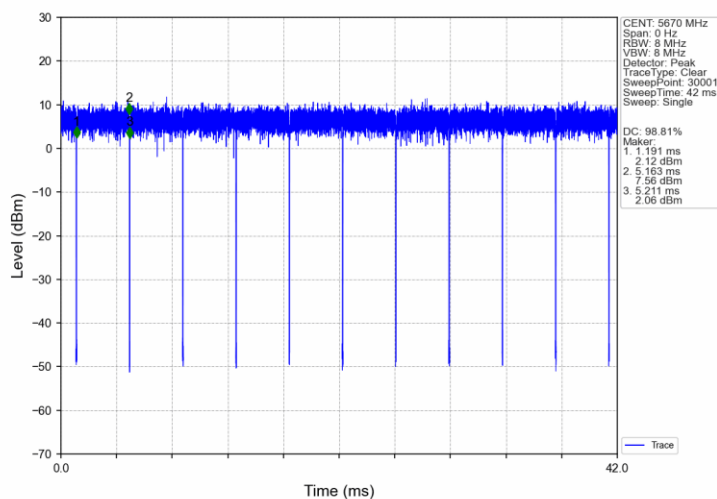
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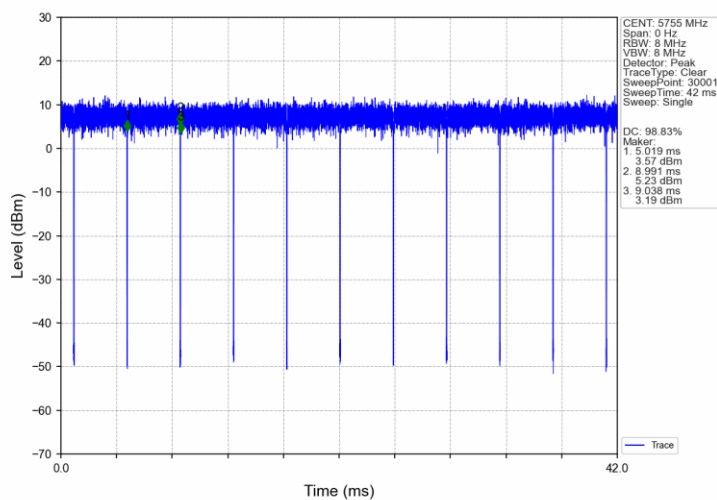
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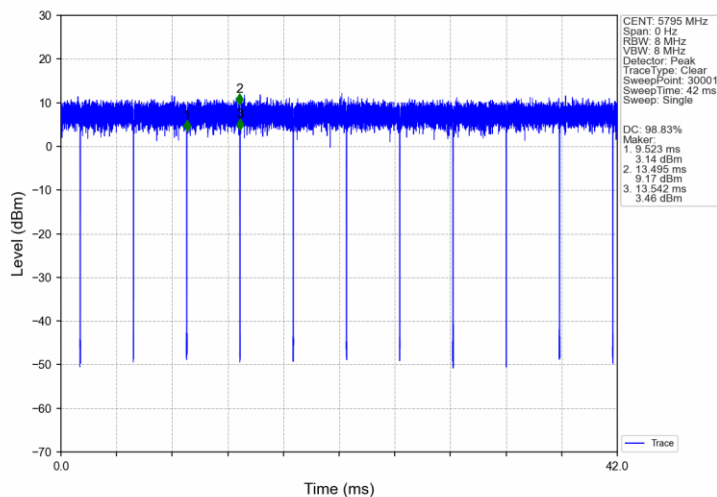
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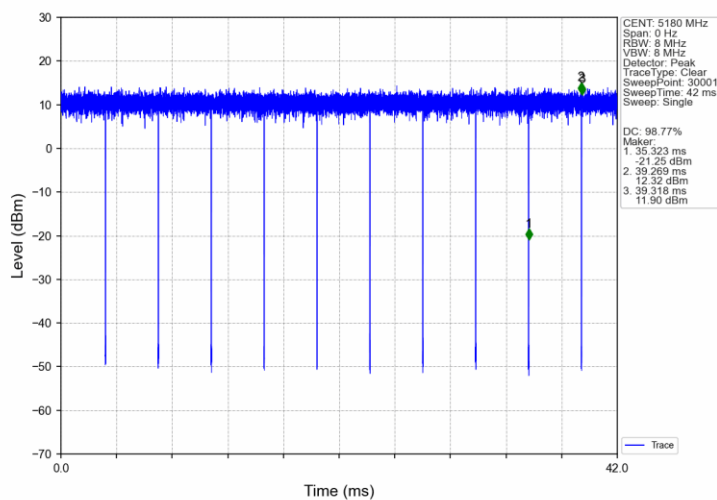
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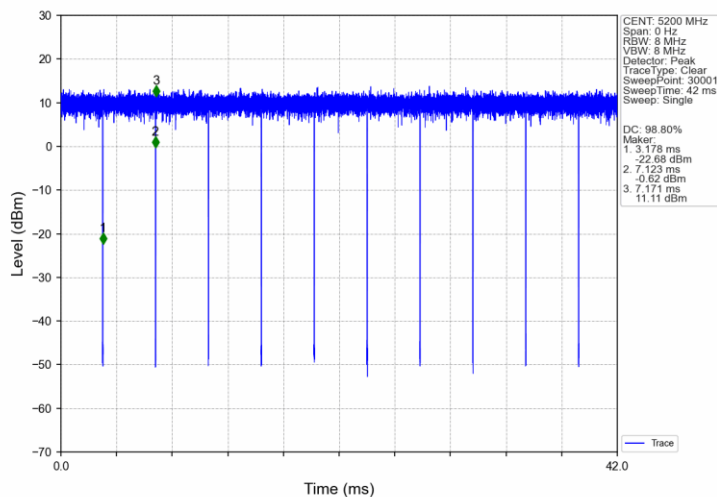
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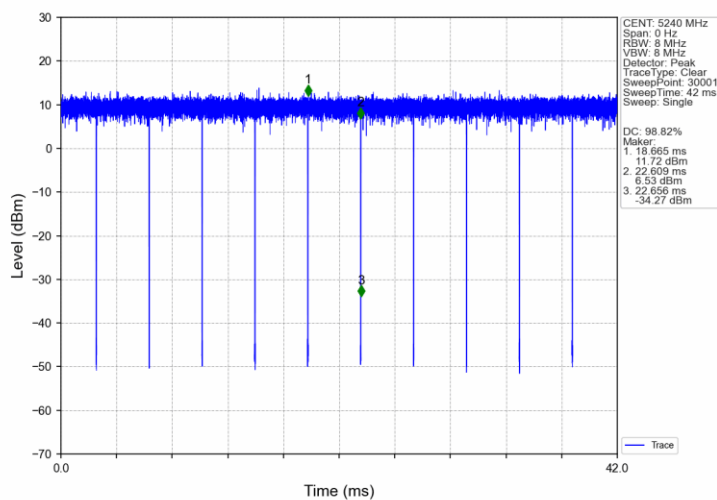
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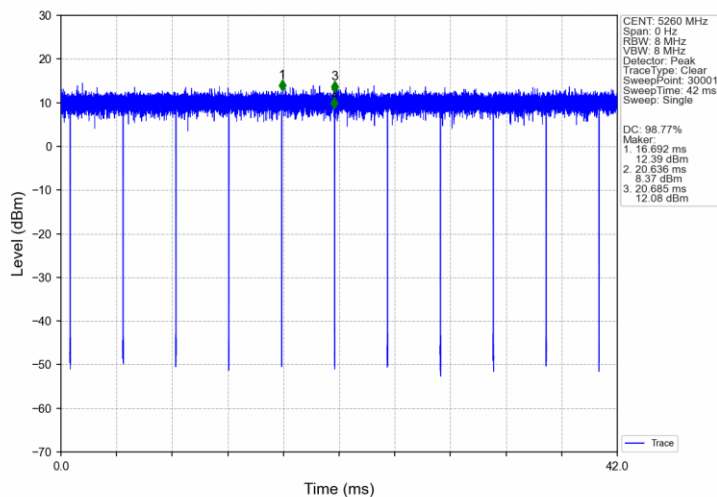
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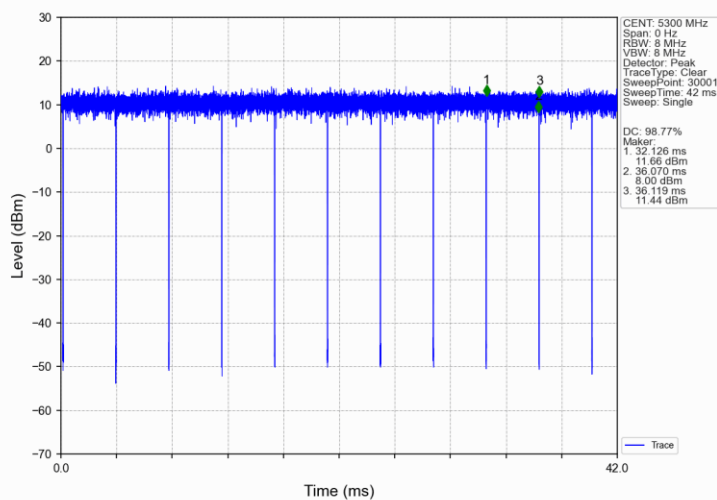
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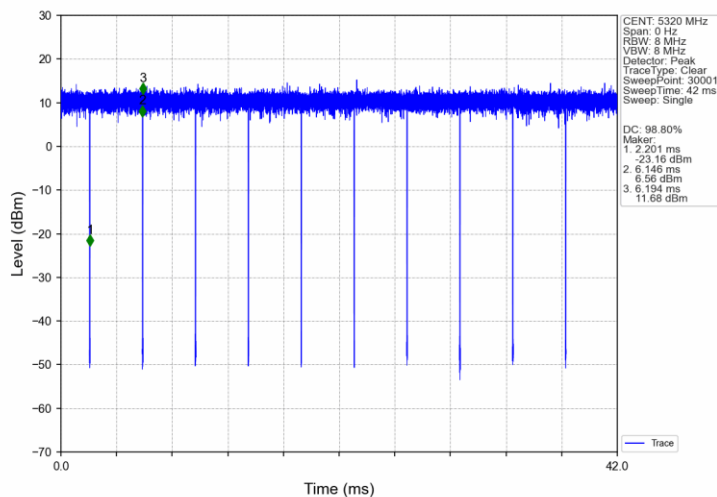
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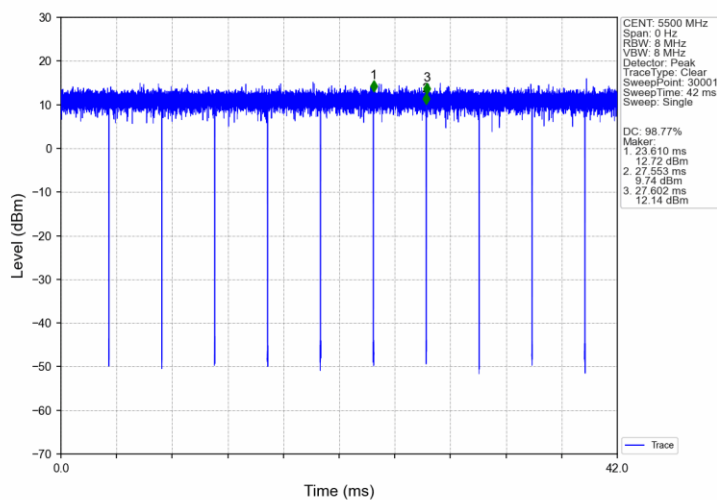
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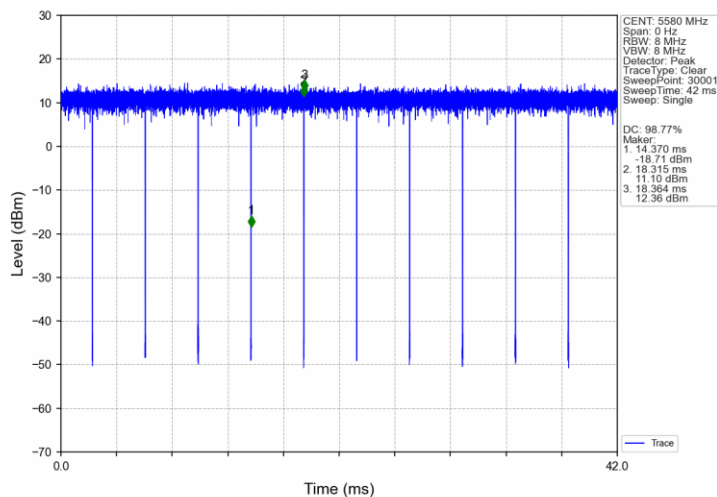
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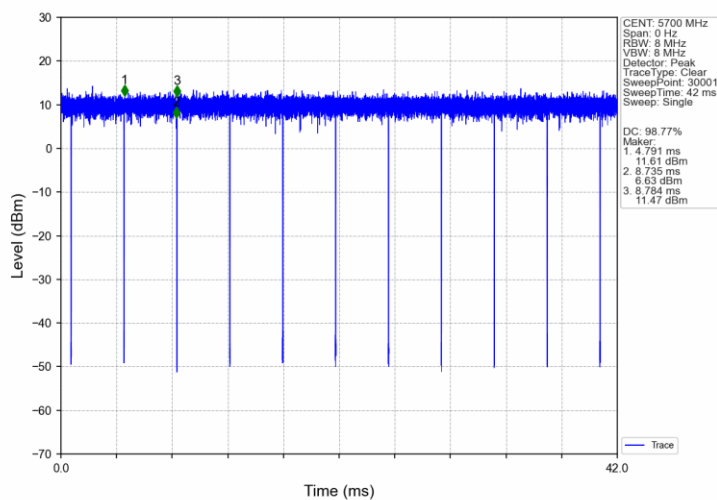
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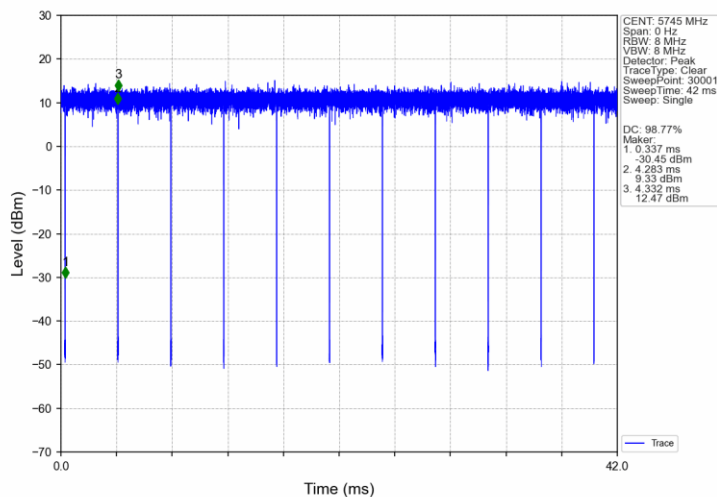
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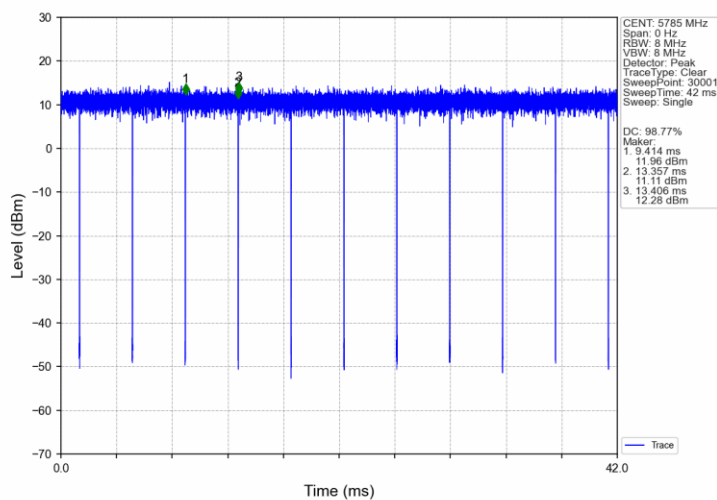
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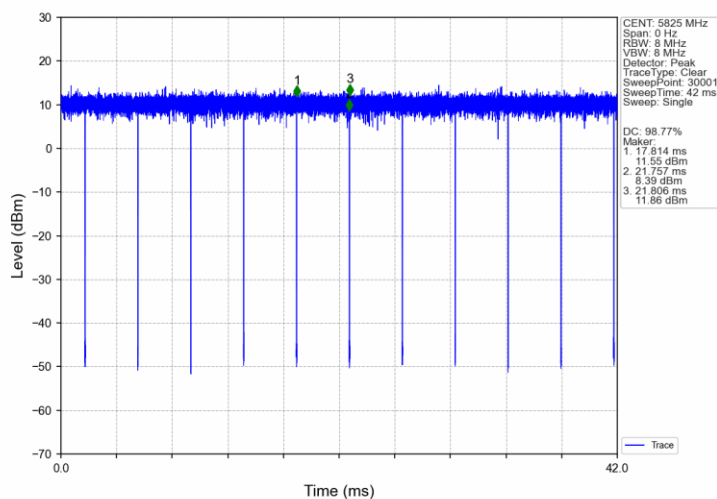
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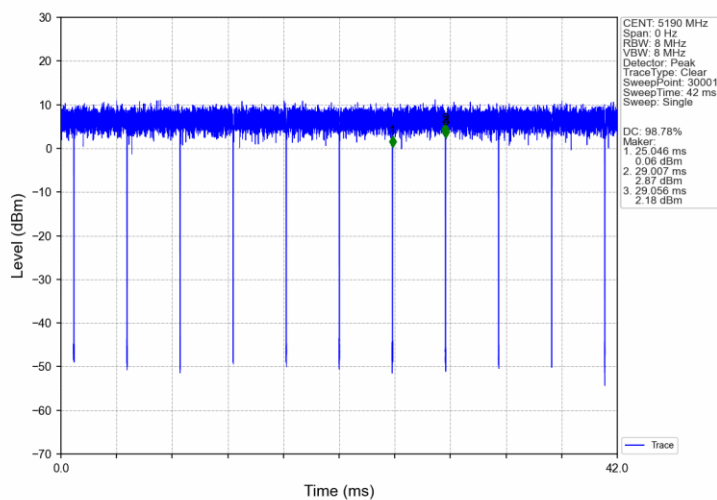
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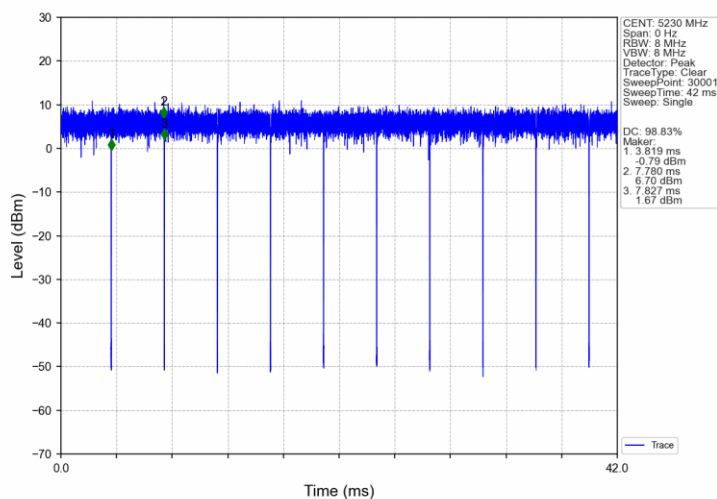
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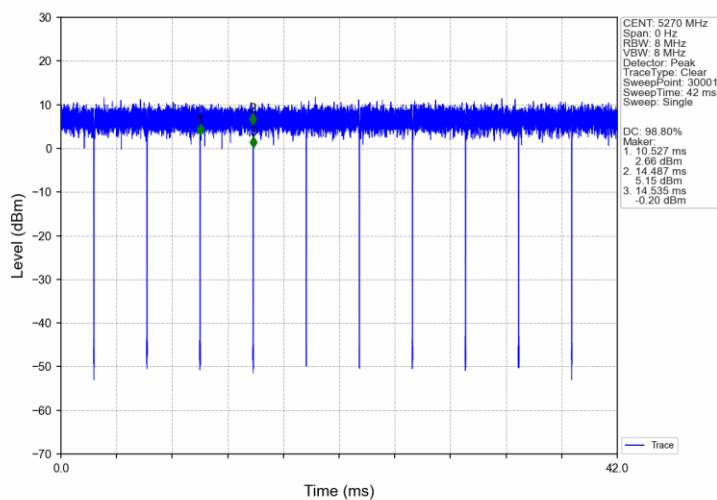
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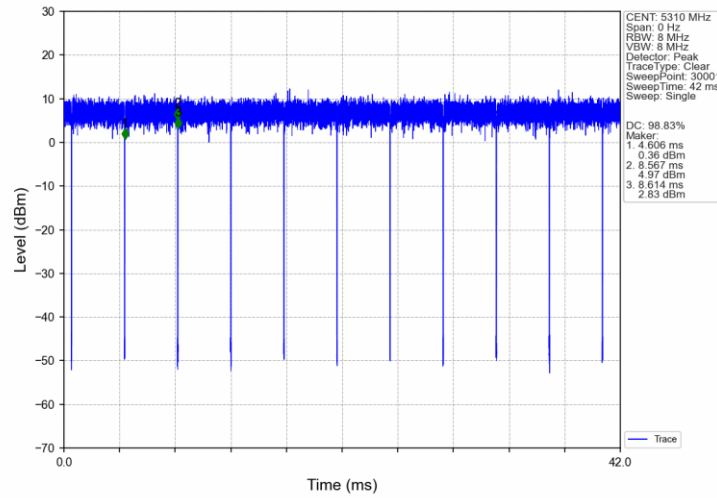
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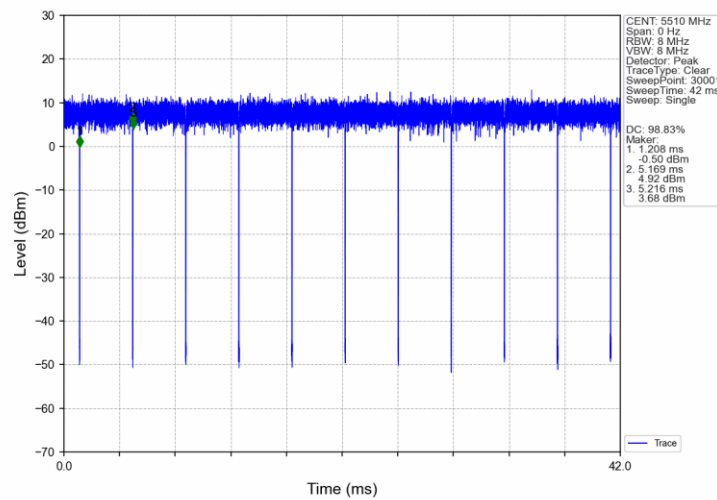
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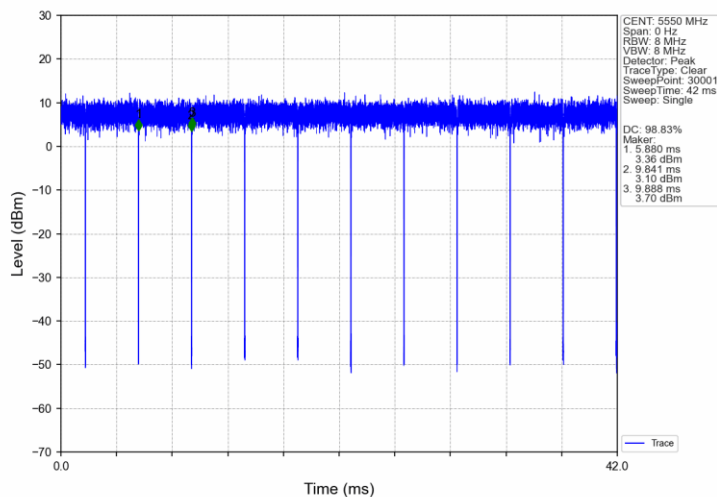
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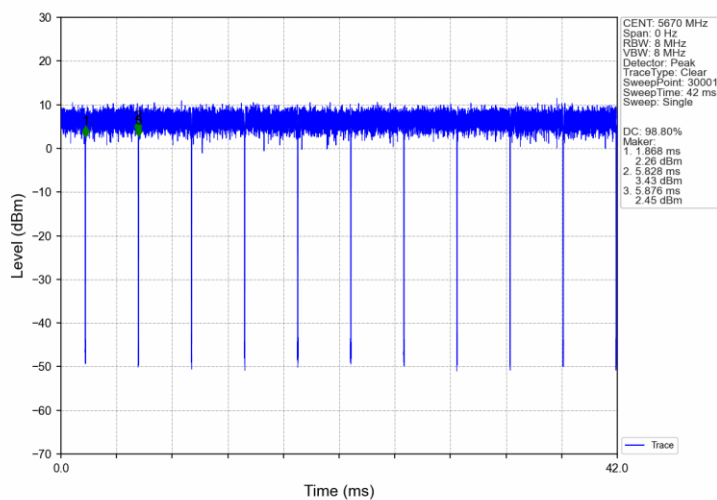
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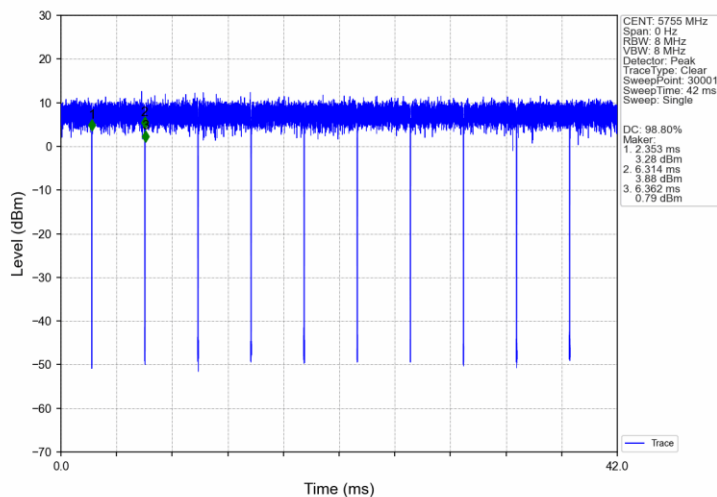
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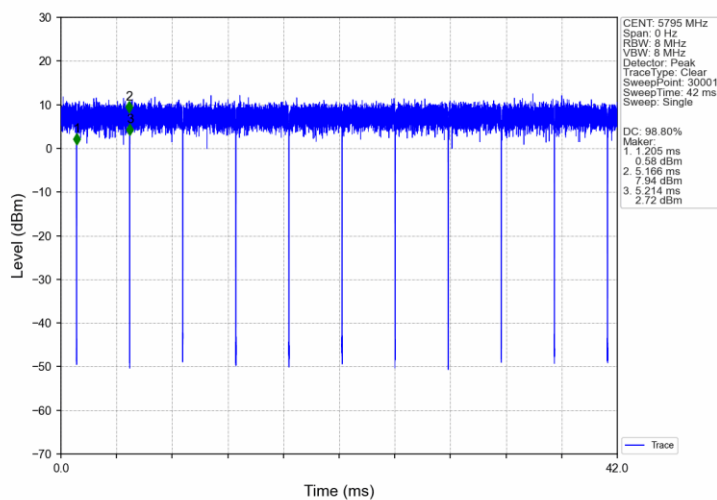
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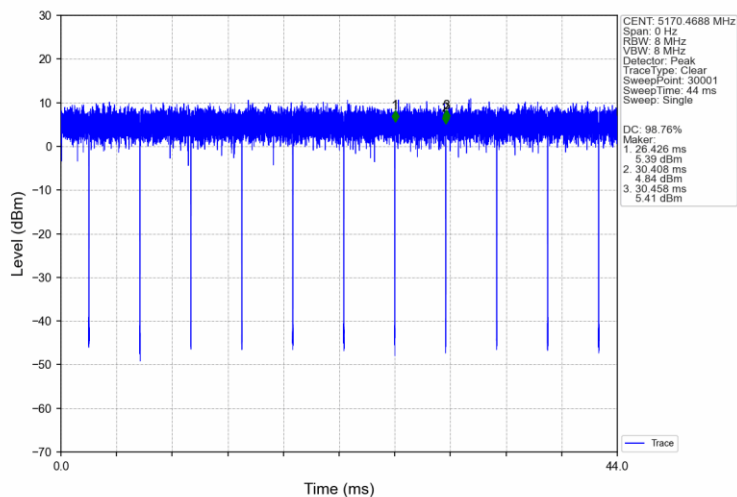
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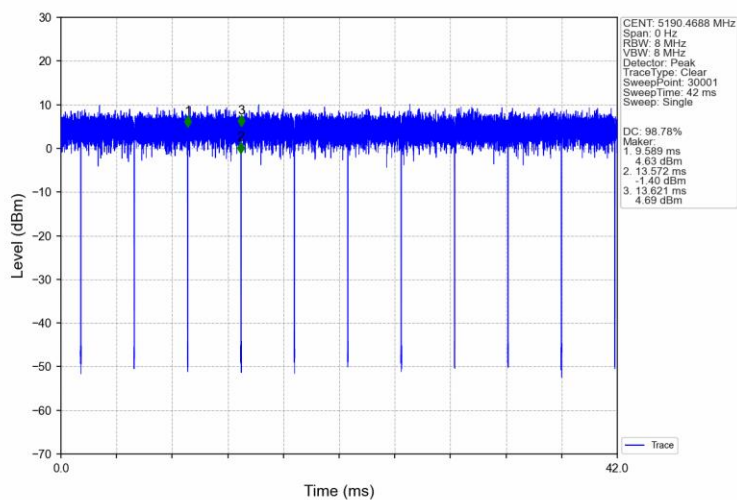
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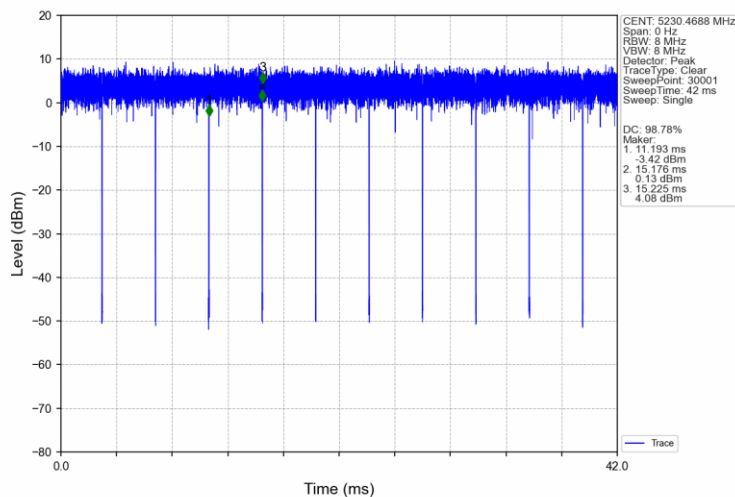
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



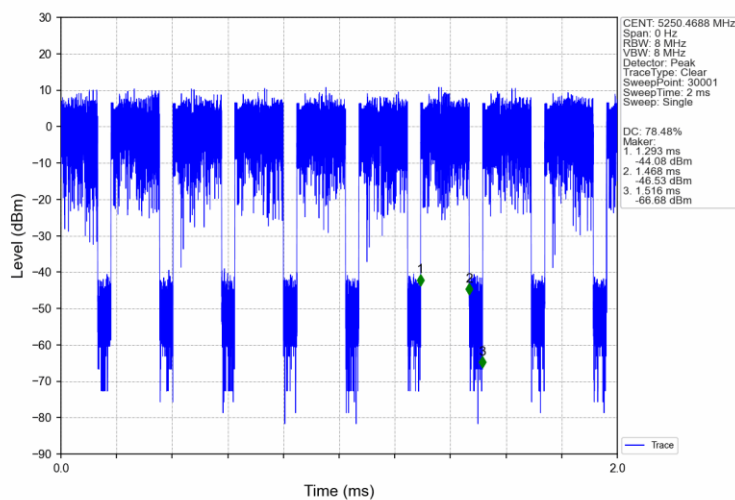
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



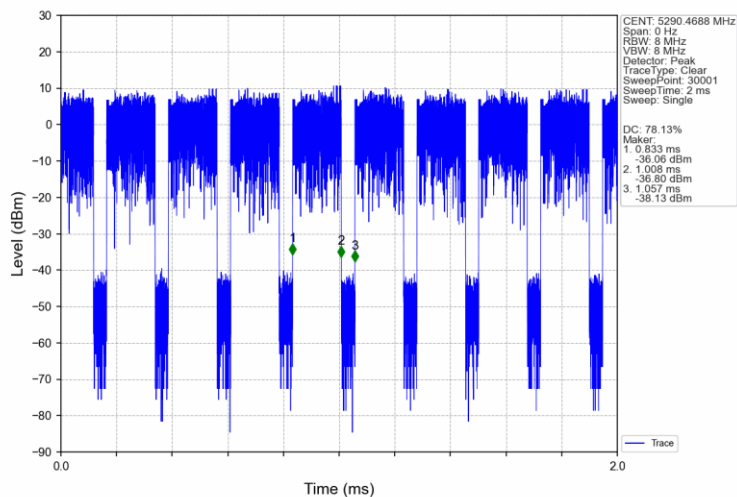
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1 NTNv



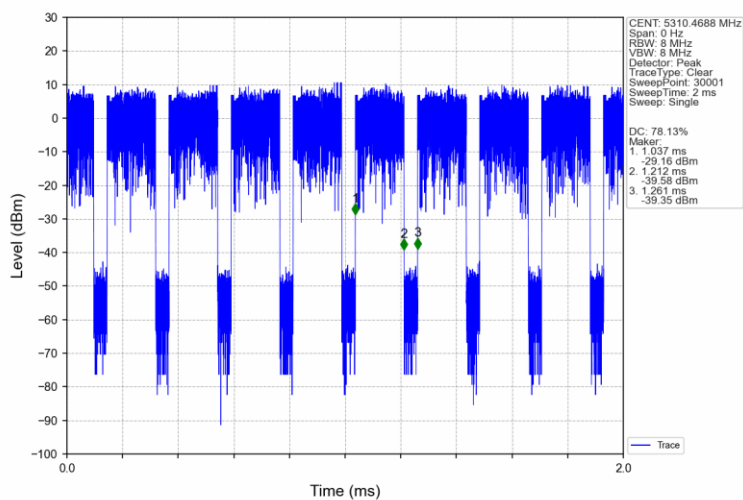
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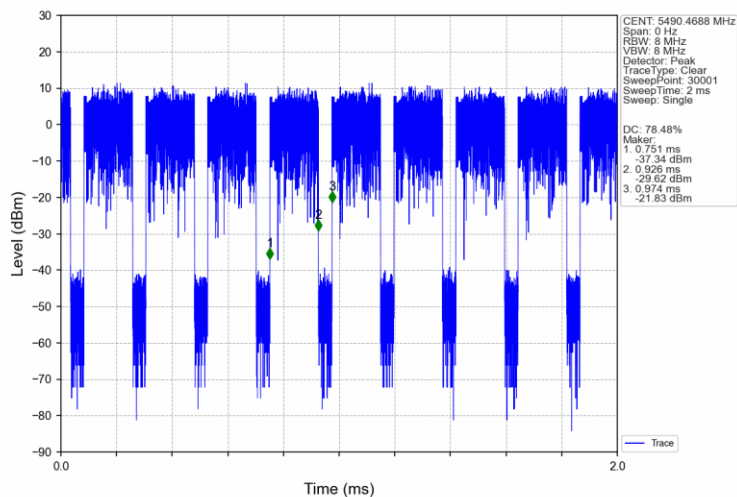
802.11ax(HEW20) MCH 5300MHz SU / Ant1 NTN



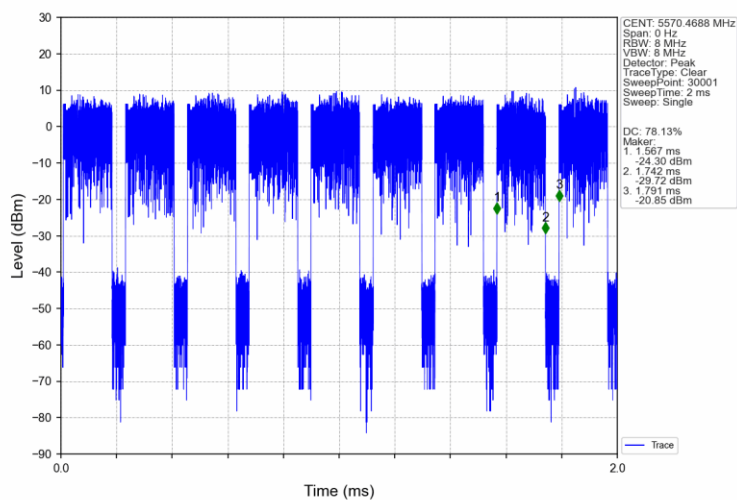
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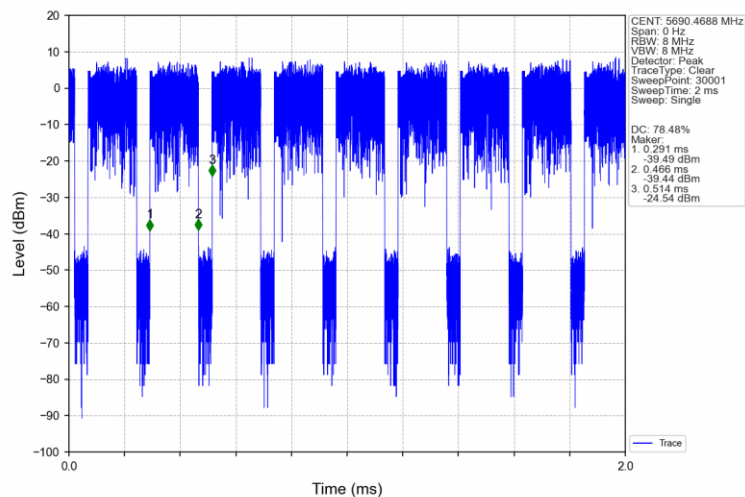
802.11ax(HEW20) LCH 5500MHz SU / Ant1 NTN



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



802.11ax(HEW20)_HCH_5700MHz_SU_ / Ant1 NTN



802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1 NTN

