

Appendix RF test data for 5G WIFI

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	2.137	97.75	0.10	0.10
		5200	/	/	2.090	2.137	97.80	0.10	0.10
		5240	/	/	2.090	2.137	97.80	0.10	0.07
		5260	/	/	2.088	2.137	97.71	0.10	0.10
		5300	/	/	2.089	2.137	97.75	0.10	0.13
		5320	/	/	2.088	2.137	97.71	0.10	0.13
		5500	/	/	2.089	2.137	97.75	0.10	0.14
		5580	/	/	2.089	2.138	97.71	0.10	0.13
		5700	/	/	2.090	2.138	97.75	0.10	0.13
		5745	/	/	2.089	2.137	97.75	0.10	0.10
		5785	/	/	2.088	2.136	97.75	0.10	0.10
		5825	/	/	2.089	2.136	97.80	0.10	0.07
		5865	/	/	2.088	2.137	97.71	0.10	0.17
		5885	/	/	2.088	2.135	97.80	0.10	0.03
		5845	/	/	2.089	2.136	97.80	0.10	0.10
802.11n (HT20)	SISO	5180	/	/	3.981	4.030	98.78	0.05	0.10
		5200	/	/	3.980	4.028	98.81	0.05	0.07
		5240	/	/	3.981	4.030	98.78	0.05	0.07
		5260	/	/	3.981	4.028	98.83	0.05	0.03
		5300	/	/	3.981	4.028	98.83	0.05	0.03
		5320	/	/	3.980	4.029	98.78	0.05	0.07
		5500	/	/	3.980	4.027	98.83	0.05	0.07
		5580	/	/	3.980	4.029	98.78	0.05	0.07
		5700	/	/	3.980	4.027	98.83	0.05	0.03
		5745	/	/	3.980	4.028	98.81	0.05	0.03
		5785	/	/	3.980	4.028	98.81	0.05	0.03
		5825	/	/	3.980	4.029	98.78	0.05	0.04
		5865	/	/	3.980	4.029	98.78	0.05	0.10
		5885	/	/	3.980	4.029	98.78	0.05	0.07
		5845	/	/	3.980	4.027	98.83	0.05	0.03
802.11n (HT40)	SISO	5190	/	/	3.980	4.029	98.78	0.05	0.07
		5230	/	/	3.980	4.029	98.78	0.05	0.07
		5270	/	/	3.980	4.028	98.81	0.05	0.03
		5310	/	/	3.981	4.028	98.83	0.05	0.07
		5510	/	/	3.980	4.028	98.81	0.05	0.03
		5550	/	/	3.981	4.030	98.78	0.05	0.07
		5670	/	/	3.980	4.029	98.78	0.05	0.10
		5755	/	/	3.980	4.028	98.81	0.05	0.03
		5795	/	/	3.980	4.027	98.83	0.05	0.03
		5875	/	/	3.980	4.029	98.78	0.05	0.10
802.11ac (VHT20)	SISO	5835	/	/	3.981	4.029	98.81	0.05	0.07
		5180	/	/	3.956	4.004	98.80	0.05	0.03
		5200	/	/	3.957	4.006	98.78	0.05	0.10
		5240	/	/	3.956	4.004	98.80	0.05	0.03
		5260	/	/	3.956	4.005	98.78	0.05	0.07
		5300	/	/	3.957	4.006	98.78	0.05	0.07
		5320	/	/	3.957	4.006	98.78	0.05	0.10
		5500	/	/	3.957	4.004	98.83	0.05	0.03
		5580	/	/	3.956	4.004	98.80	0.05	0.03
		5700	/	/	3.956	4.004	98.80	0.05	0.03

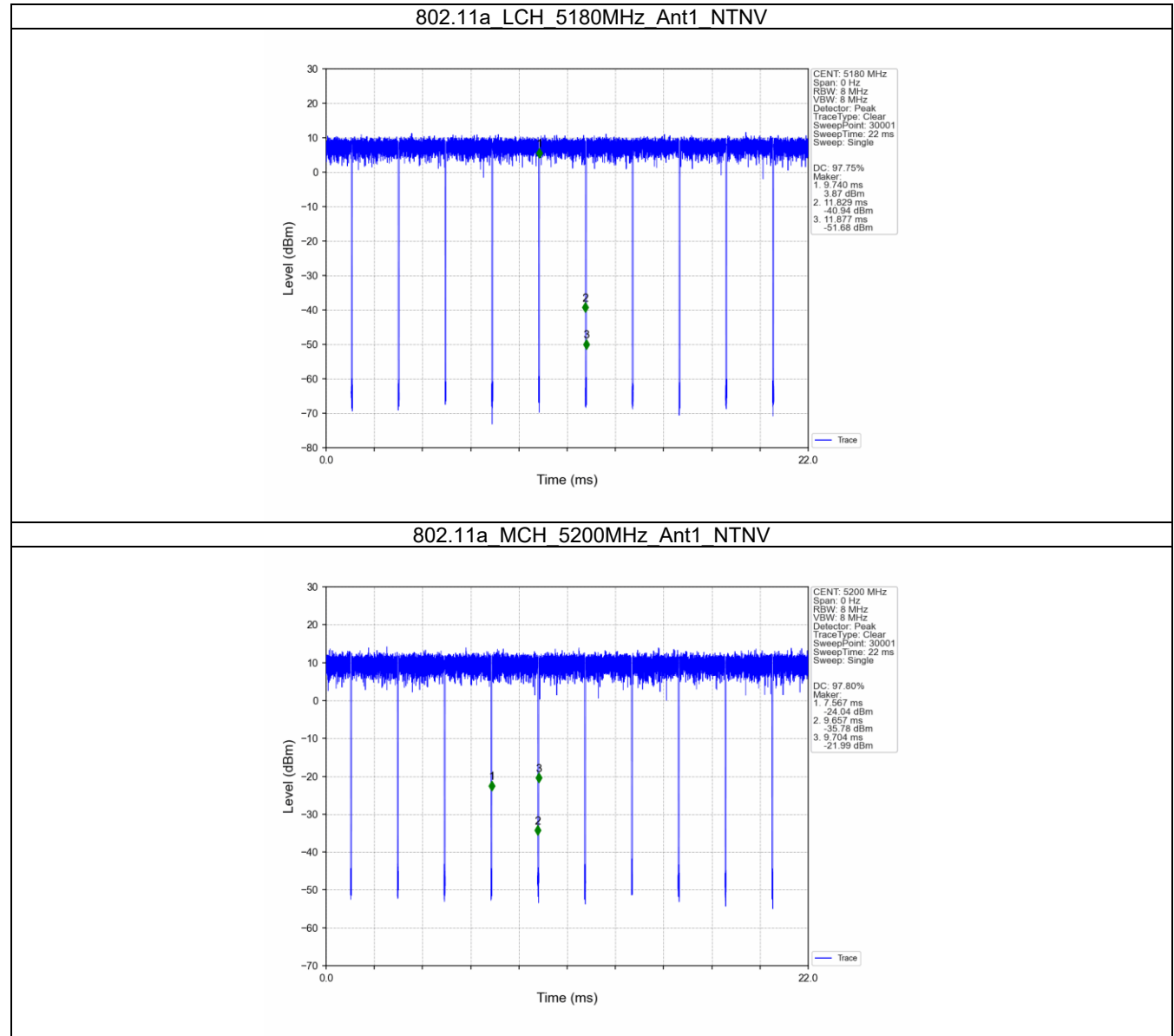
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		5785	/	/	3.957	4.004	98.83	0.05	0.03
		5825	/	/	3.957	4.006	98.78	0.05	0.10
		5865	/	/	3.957	4.004	98.83	0.05	0.07
		5885	/	/	3.956	4.004	98.80	0.05	0.03
		5845	/	/	3.956	4.005	98.78	0.05	0.07
802.11ac (VHT40)	SISO	5190	/	/	3.956	4.004	98.80	0.05	0.07
		5230	/	/	3.957	4.006	98.78	0.05	0.07
		5270	/	/	3.956	4.004	98.80	0.05	0.03
		5310	/	/	3.957	4.006	98.78	0.05	0.07
		5510	/	/	3.956	4.004	98.80	0.05	0.03
		5550	/	/	3.957	4.004	98.83	0.05	0.03
		5670	/	/	3.956	4.004	98.80	0.05	0.03
		5755	/	/	3.956	4.005	98.78	0.05	0.03
		5795	/	/	3.956	4.004	98.80	0.05	0.07
		5875	/	/	3.957	4.006	98.78	0.05	0.07
		5835	/	/	3.956	4.004	98.80	0.05	0.03
		5210	/	/	3.969	4.017	98.81	0.05	0.03
802.11ac (VHT80)	SISO	5290	/	/	3.968	4.016	98.80	0.05	0.03
		5530	/	/	3.969	4.017	98.81	0.05	0.03
		5610	/	/	3.969	4.017	98.81	0.05	0.03
		5775	/	/	3.968	4.015	98.83	0.05	0.03
		5855	/	/	3.968	4.015	98.83	0.05	0.03
		5570	/	/	2.785	2.833	98.31	0.07	0.07
802.11ac (VHT160)	SISO	5250	/	/	2.784	2.833	98.27	0.08	0.14
		5815	/	/	2.785	2.833	98.31	0.07	0.03
		5180	SU	/	3.979	4.028	98.78	0.05	0.07
802.11ax (HEW20)	SISO	5200	SU	/	3.978	4.027	98.78	0.05	0.03
		5240	SU	/	3.979	4.029	98.76	0.05	0.10
		5260	SU	/	3.979	4.028	98.78	0.05	0.03
		5300	SU	/	3.979	4.028	98.78	0.05	0.07
		5320	SU	/	3.979	4.029	98.76	0.05	0.07
		5500	SU	/	3.979	4.028	98.78	0.05	0.07
		5580	SU	/	3.978	4.027	98.78	0.05	0.03
		5700	SU	/	3.979	4.028	98.78	0.05	0.07
		5745	SU	/	3.979	4.028	98.78	0.05	0.07
		5785	SU	/	3.979	4.028	98.78	0.05	0.07
		5825	SU	/	3.979	4.029	98.76	0.05	0.10
		5865	SU	/	3.979	4.029	98.76	0.05	0.10
		5885	SU	/	3.978	4.027	98.78	0.05	0.07
		5845	SU	/	3.979	4.028	98.78	0.05	0.03
802.11ax (HEW40)	SISO	5190	SU	/	3.982	4.031	98.78	0.05	0.03
		5230	SU	/	3.983	4.032	98.78	0.05	0.03
		5270	SU	/	3.982	4.031	98.78	0.05	0.07
		5310	SU	/	3.981	4.030	98.78	0.05	0.03
		5510	SU	/	3.983	4.032	98.78	0.05	0.03
		5550	SU	/	3.983	4.032	98.78	0.05	0.07
		5670	SU	/	3.981	4.030	98.78	0.05	0.07
		5755	SU	/	3.983	4.034	98.74	0.06	0.10
		5795	SU	/	3.983	4.034	98.74	0.06	0.10
		5875	SU	/	3.982	4.031	98.78	0.05	0.03
		5835	SU	/	3.982	4.032	98.76	0.05	0.07
802.11ax (HEW80)	SISO	5210	SU	/	3.981	4.030	98.78	0.05	0.03
		5290	SU	/	3.982	4.031	98.78	0.05	0.03
		5530	SU	/	3.982	4.031	98.78	0.05	0.03
		5610	SU	/	3.981	4.030	98.78	0.05	0.03
		5775	SU	/	3.981	4.030	98.78	0.05	0.03
		5855	SU	/	3.981	4.030	98.78	0.05	0.03
802.11ax	SISO	5570	SU	/	2.307	2.356	97.92	0.09	0.03



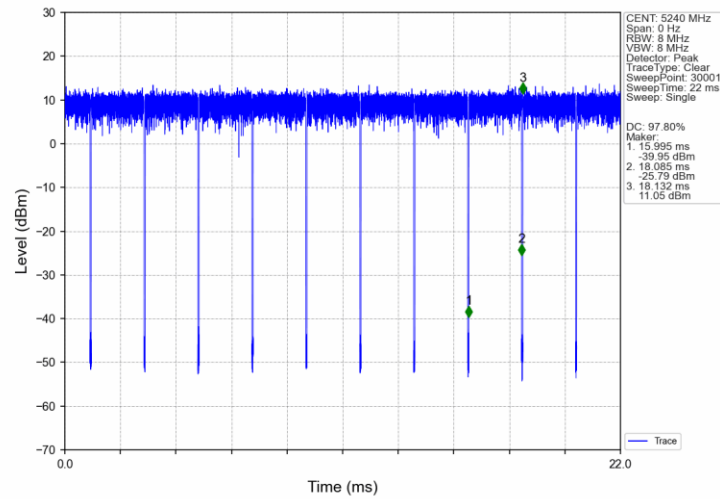
(HEW160)		5250	SU	/	2.306	2.356	97.88	0.09	0.07
		5815	SU	/	2.305	2.355	97.88	0.09	0.13

1.2 Test Graph

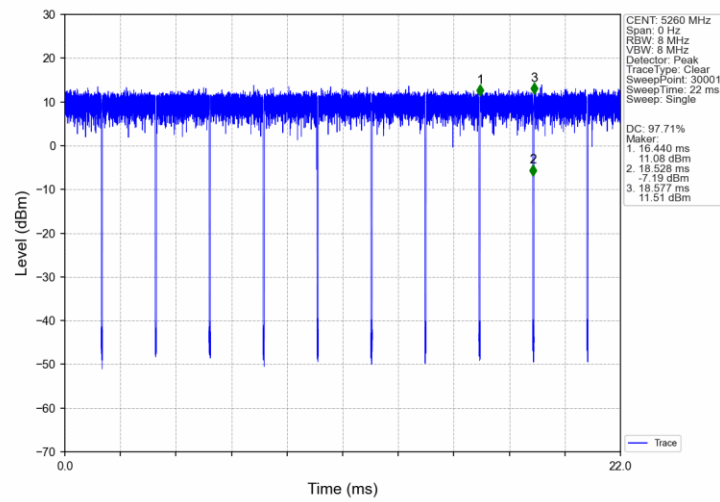
1.2.1 Ant1



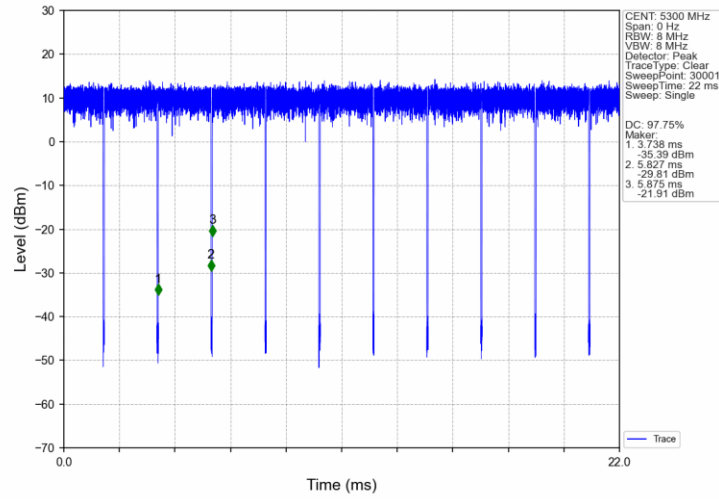
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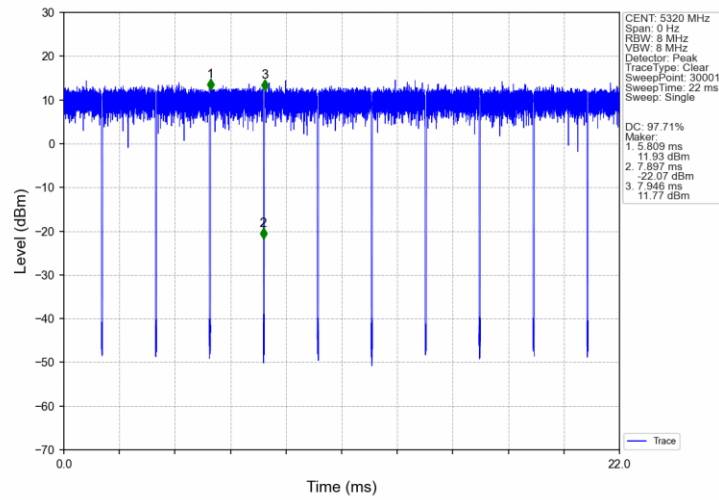
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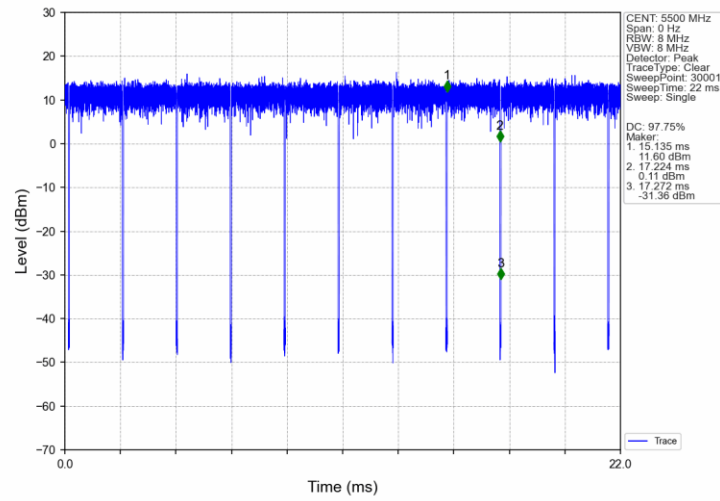
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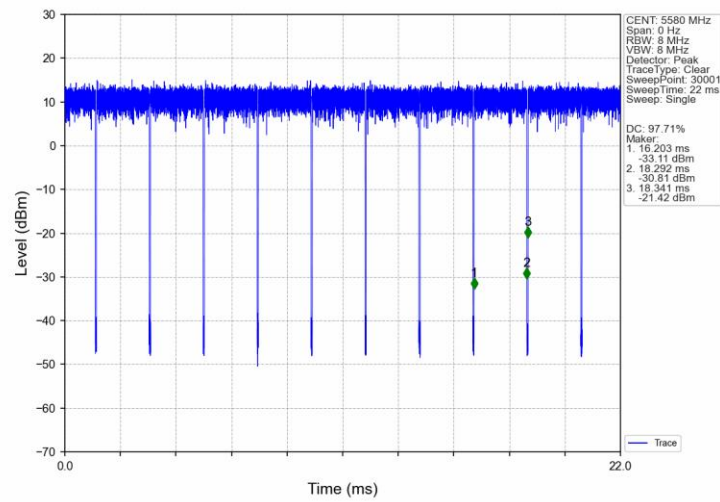
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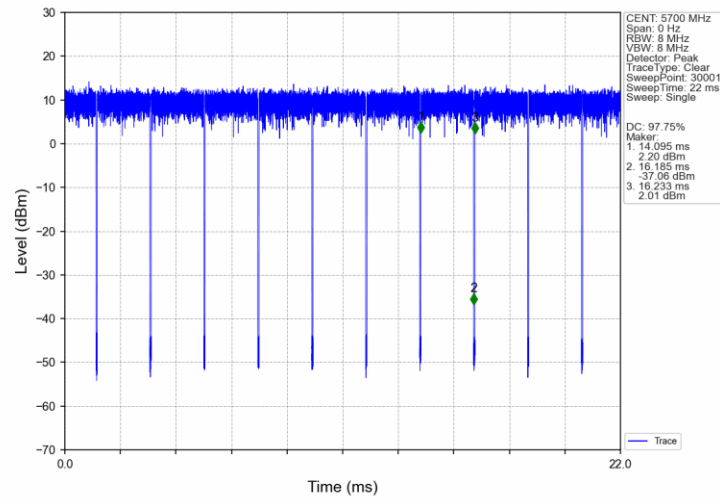
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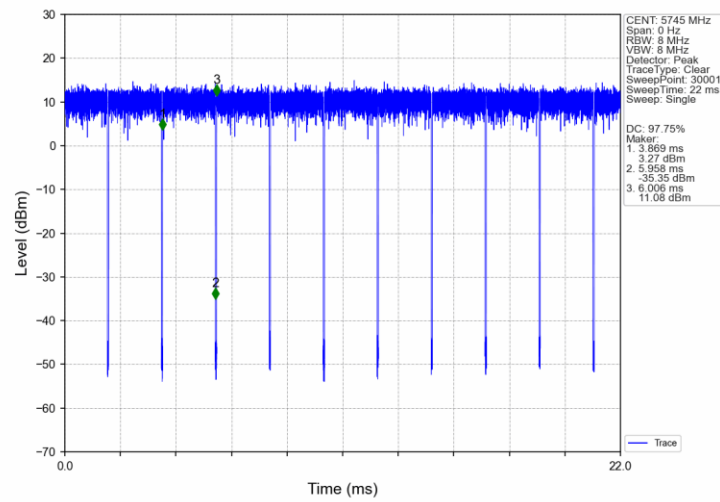
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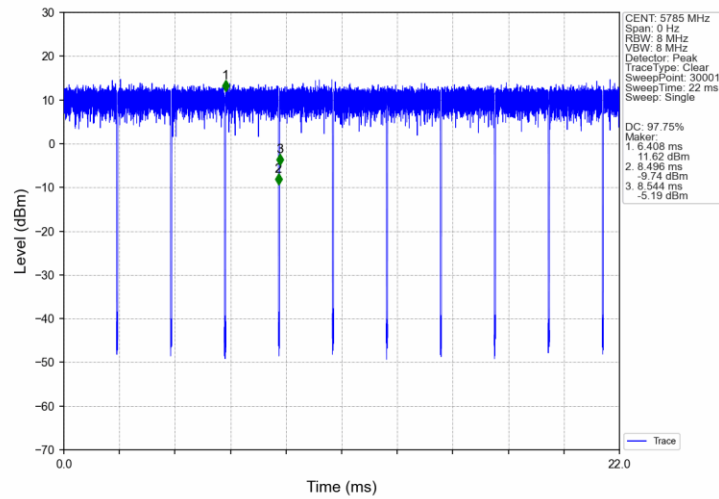
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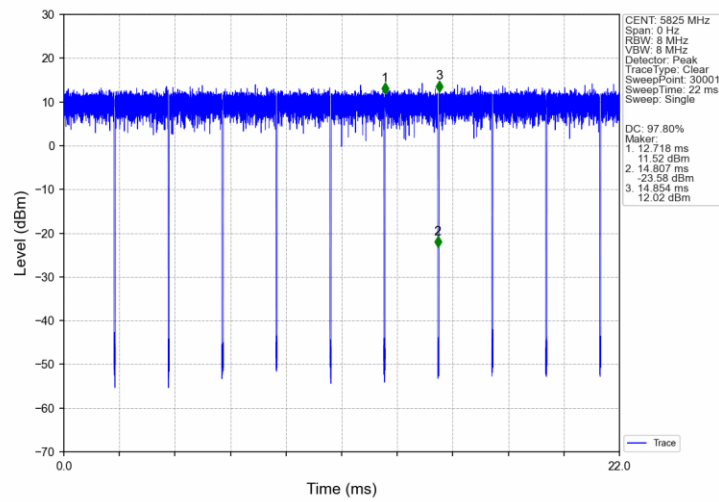
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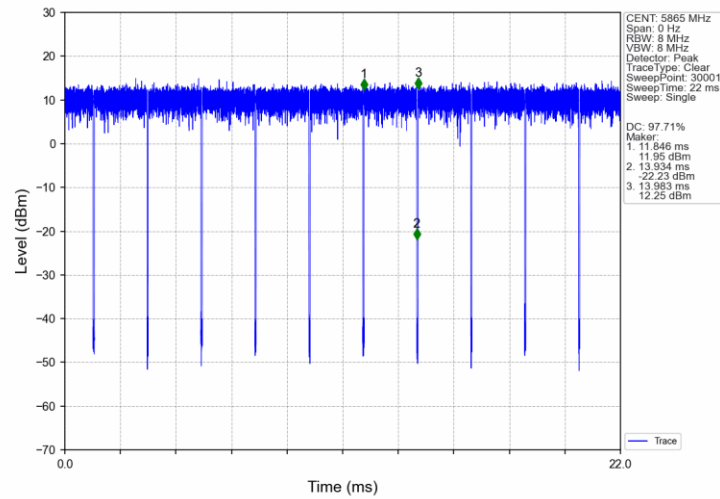
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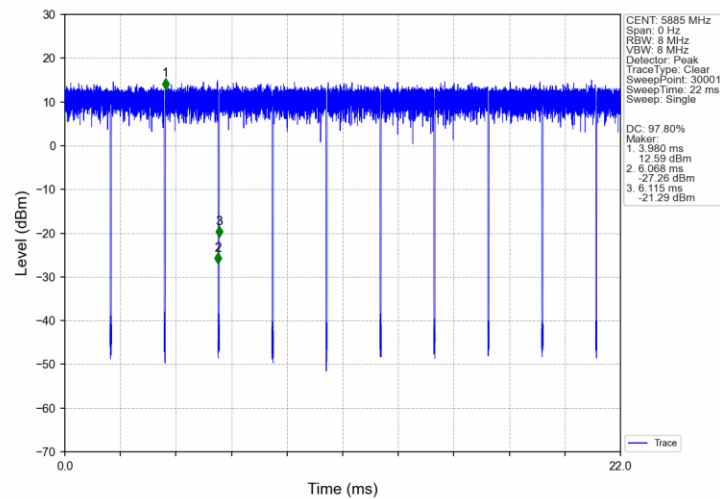
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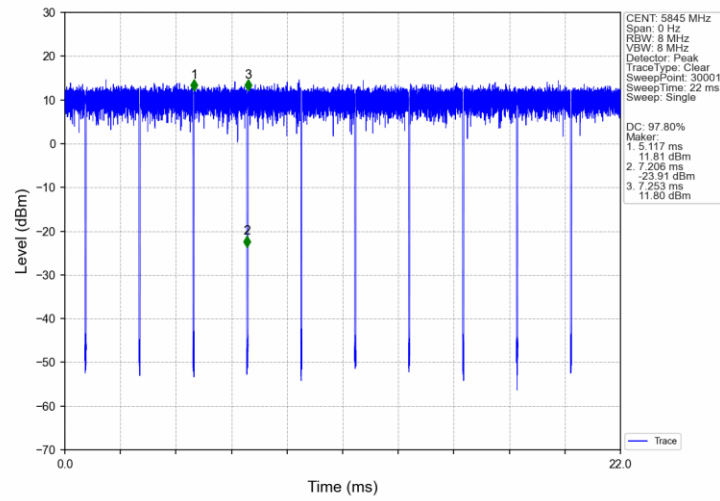
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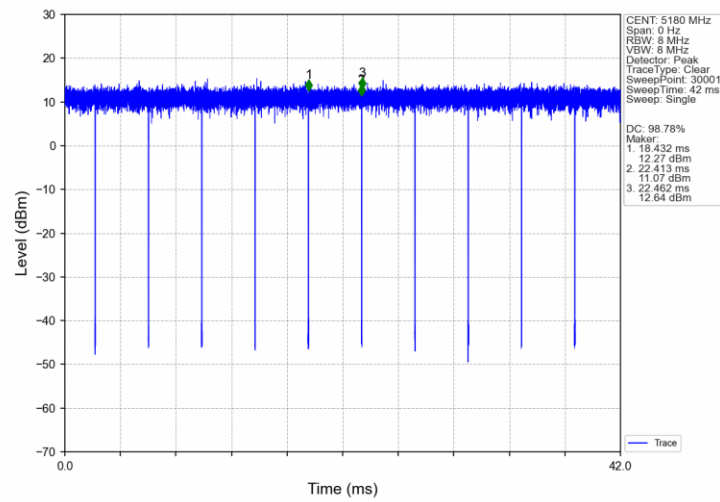
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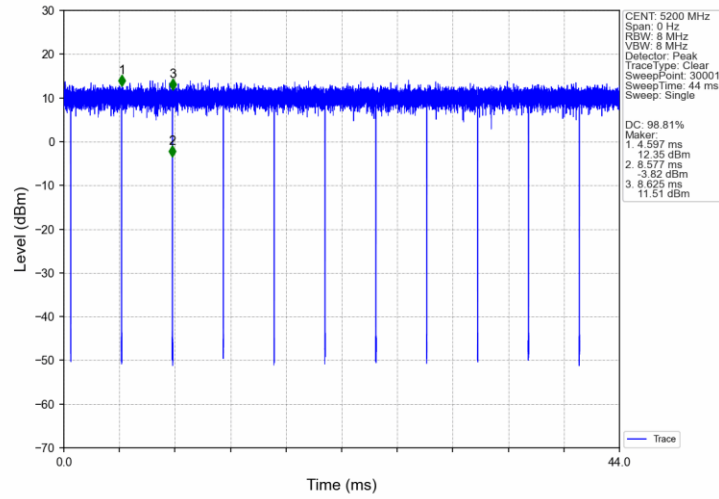
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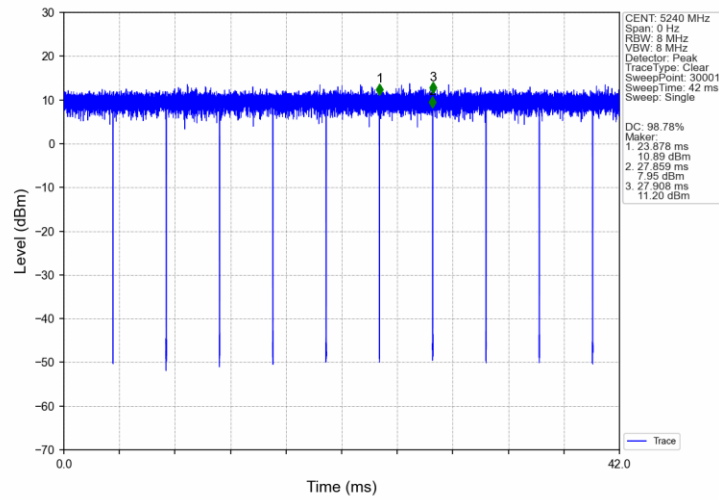
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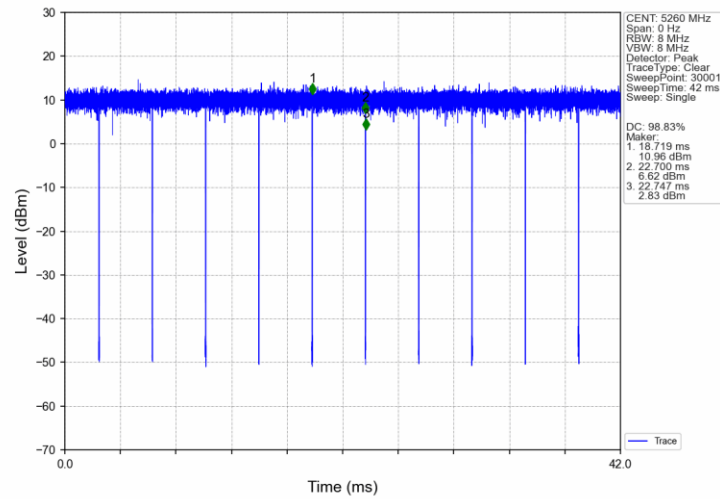
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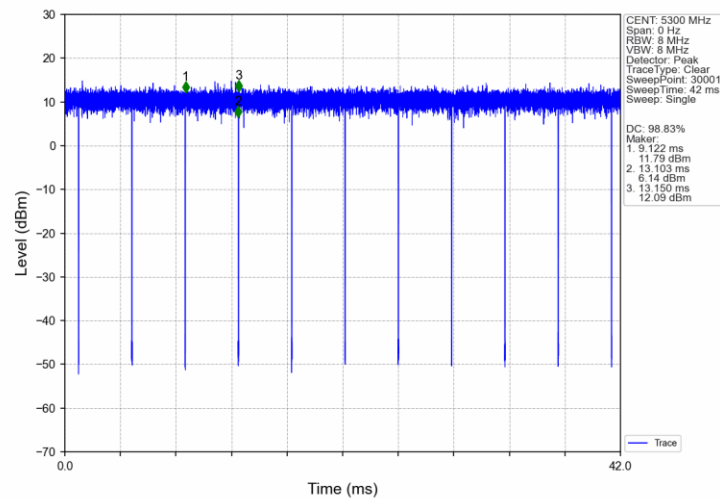
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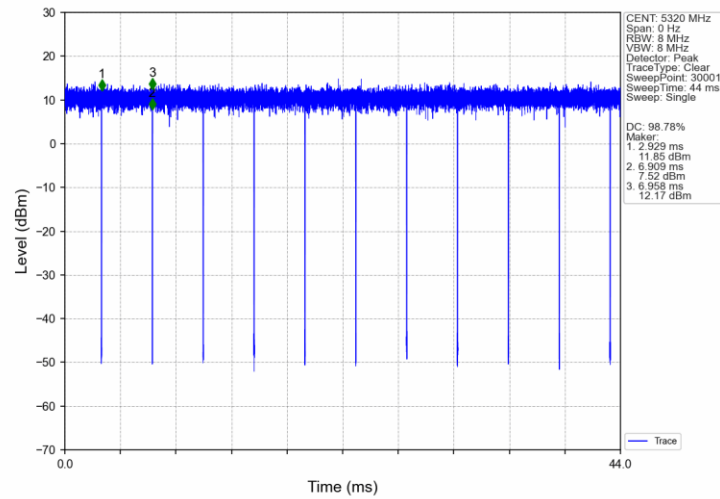
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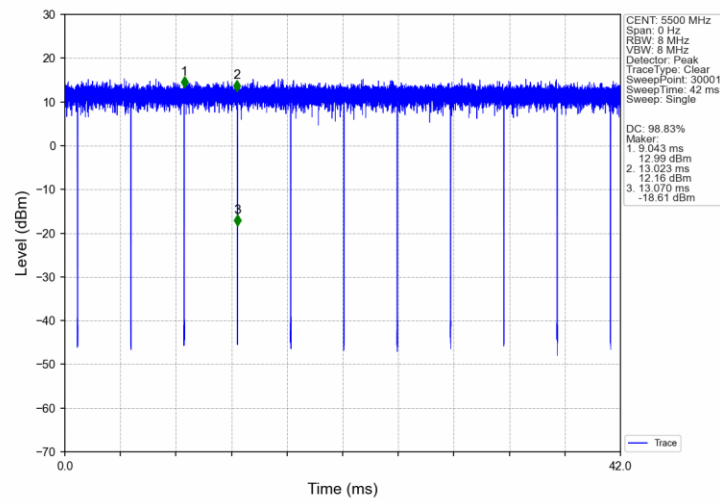
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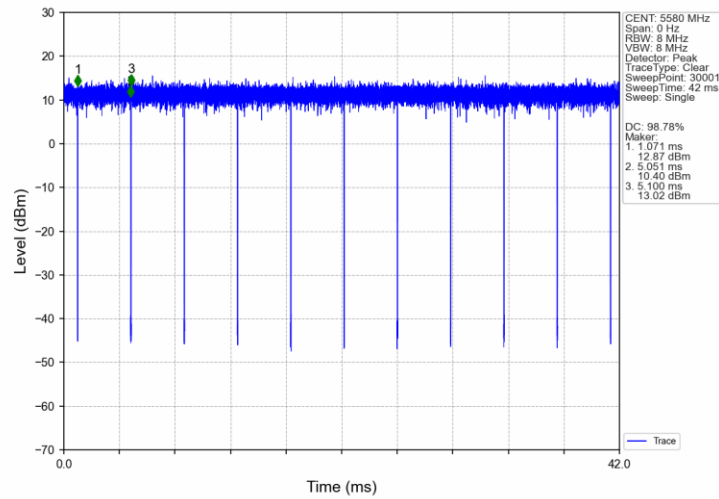
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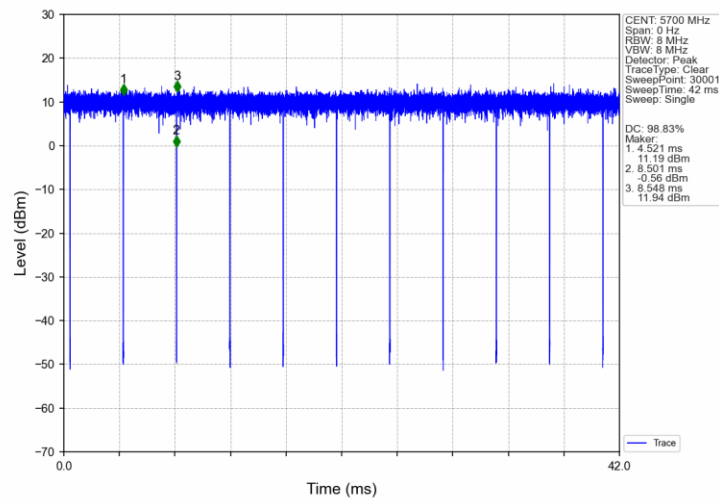
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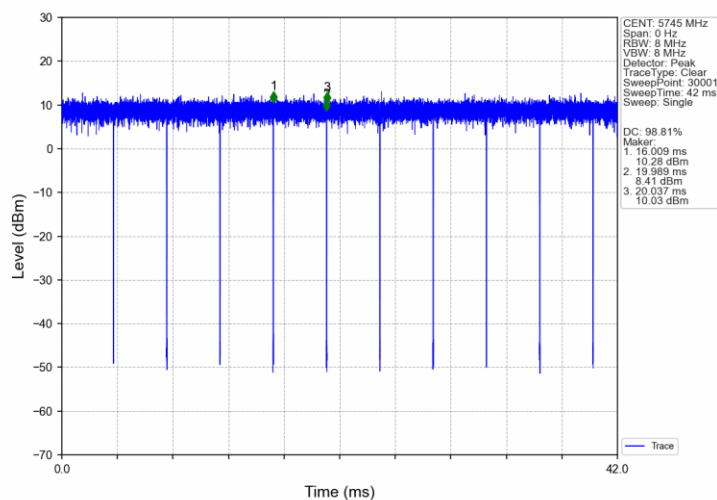
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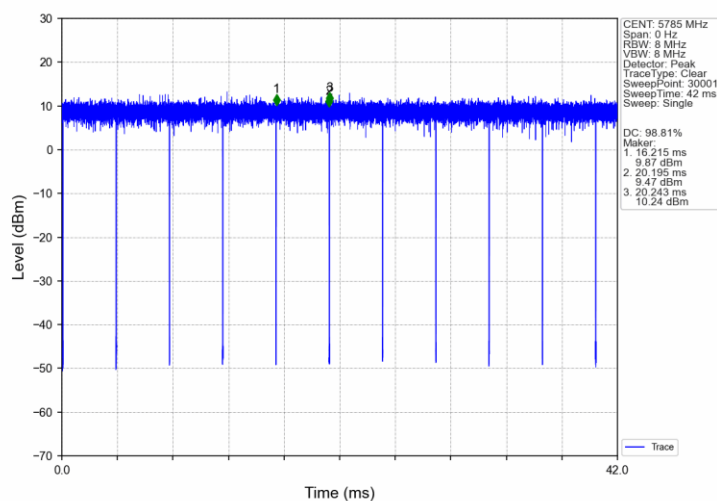
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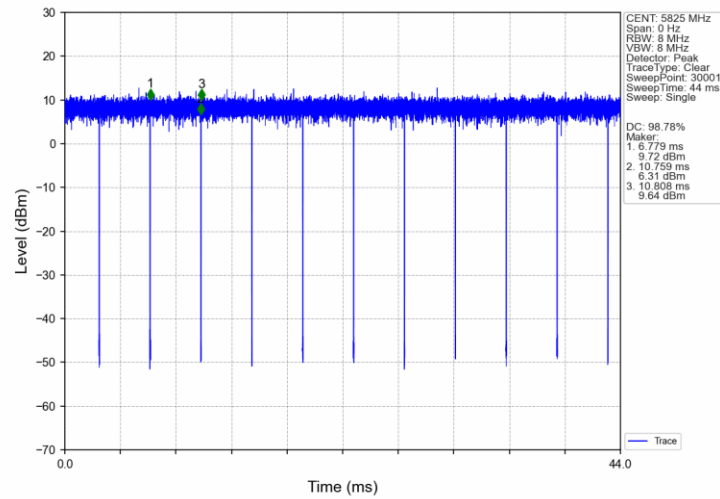
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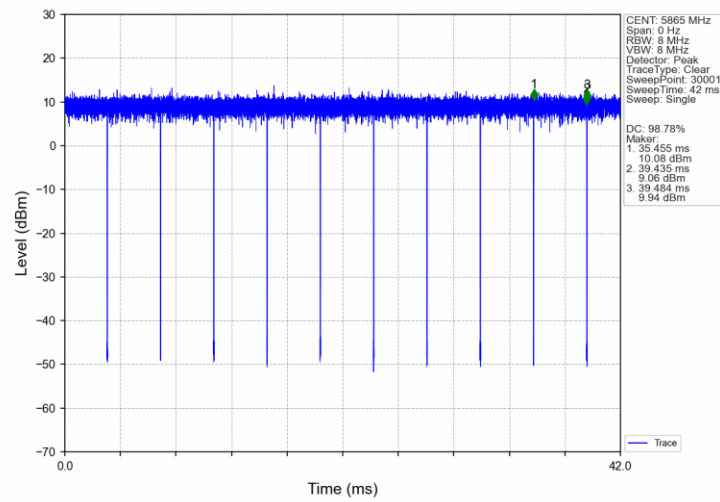
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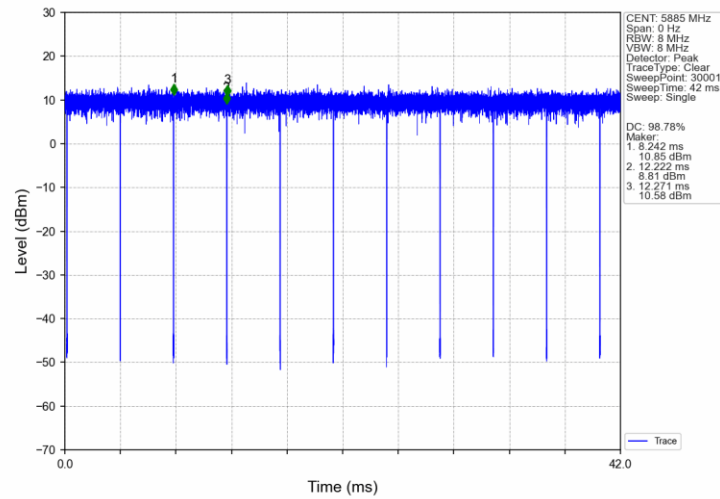
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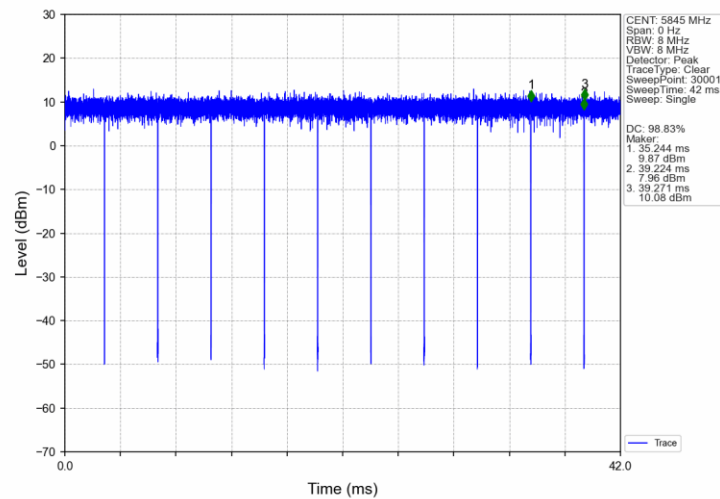
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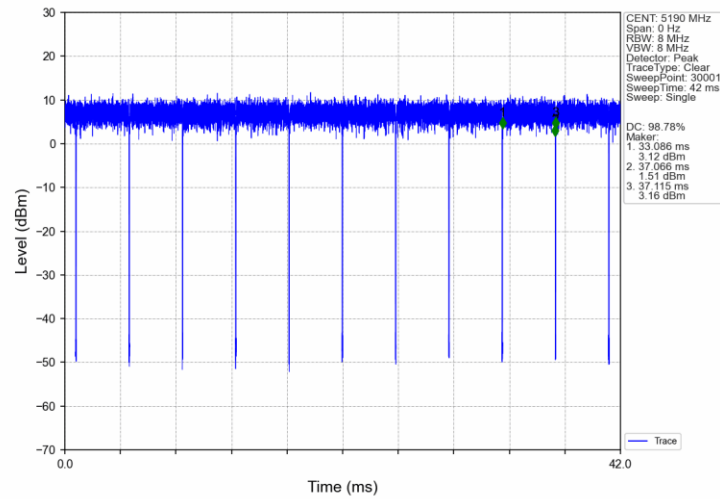
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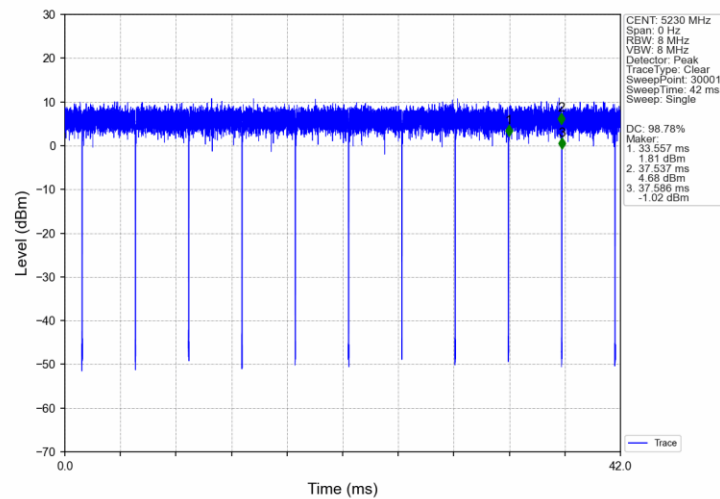
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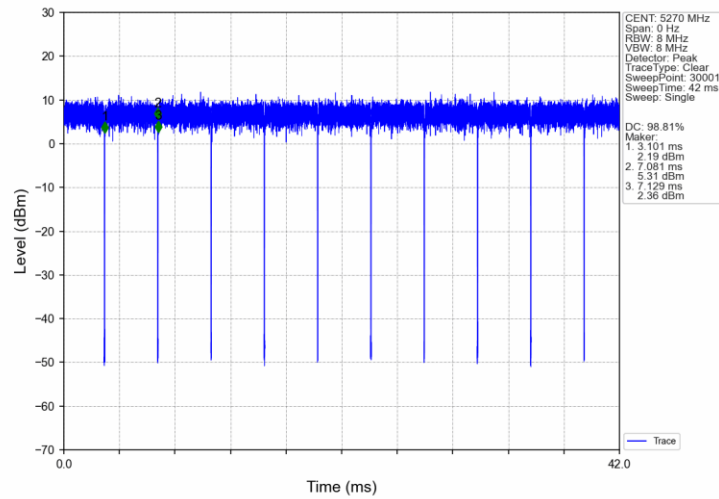
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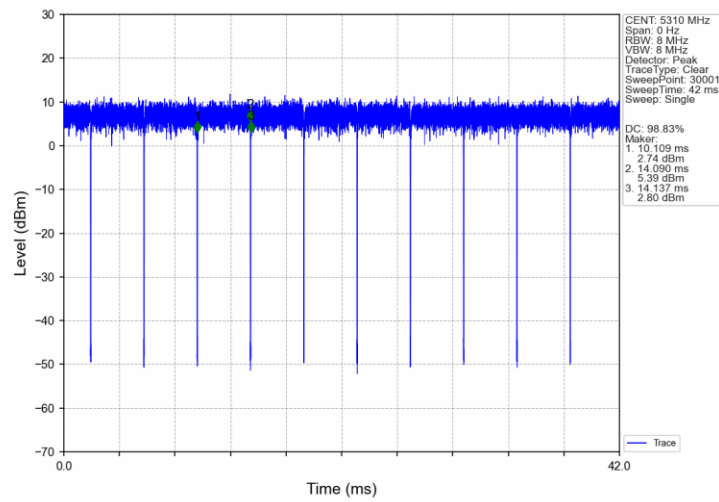
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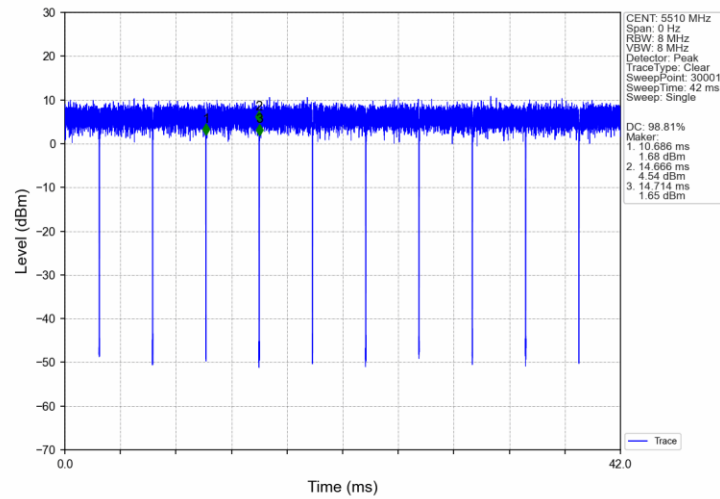
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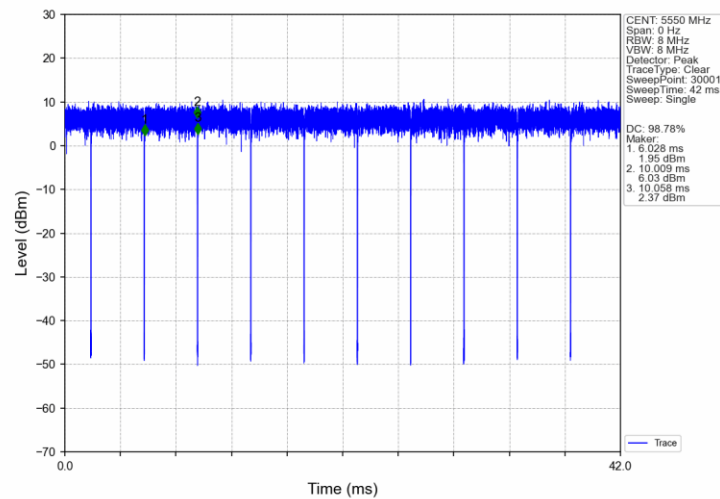
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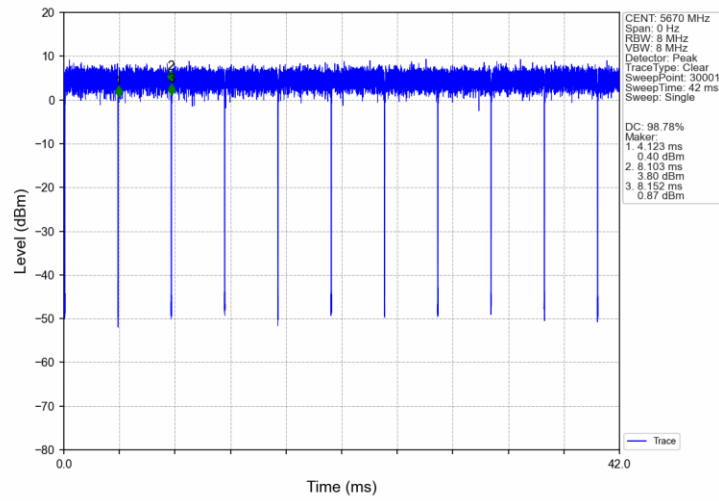
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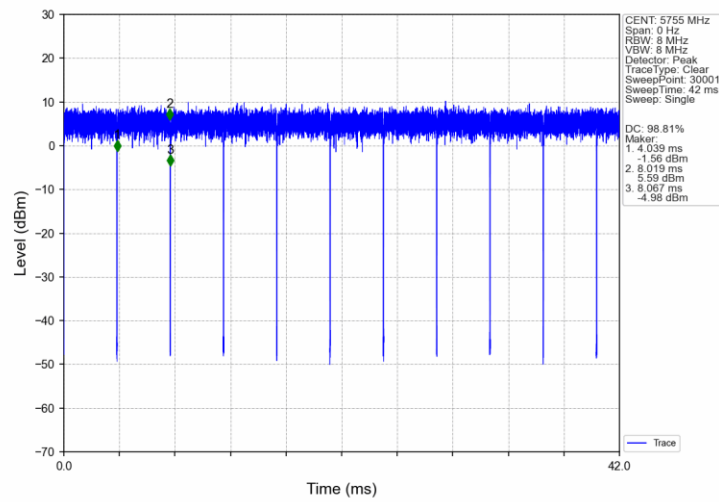
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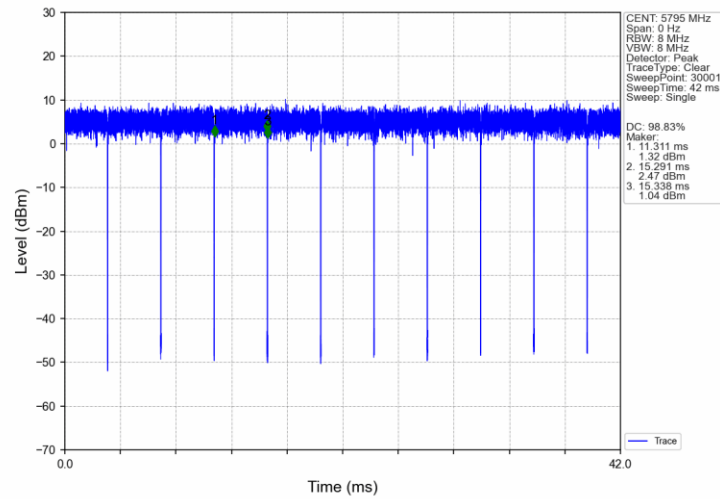
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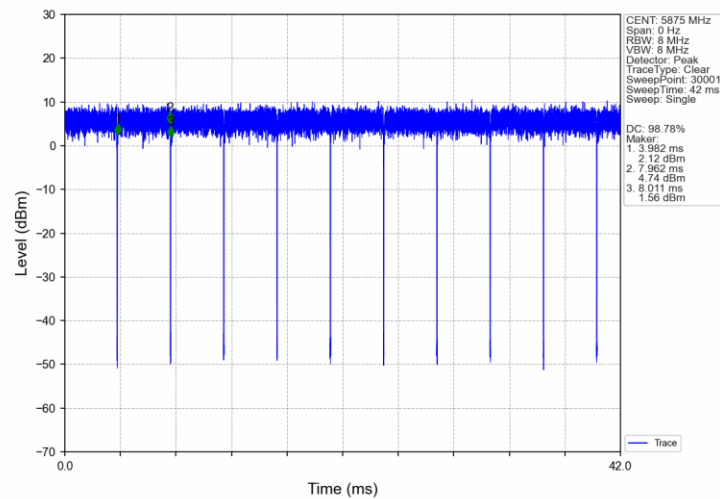
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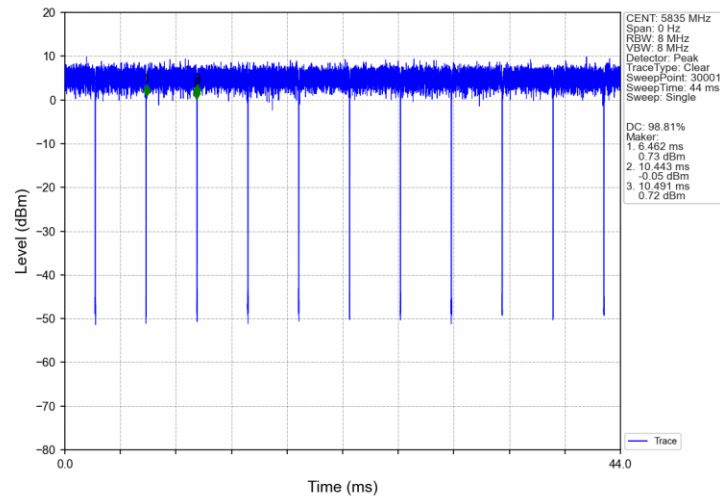
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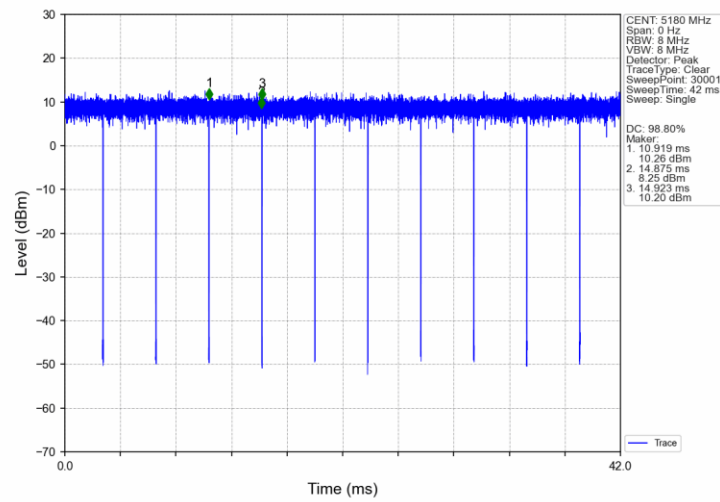
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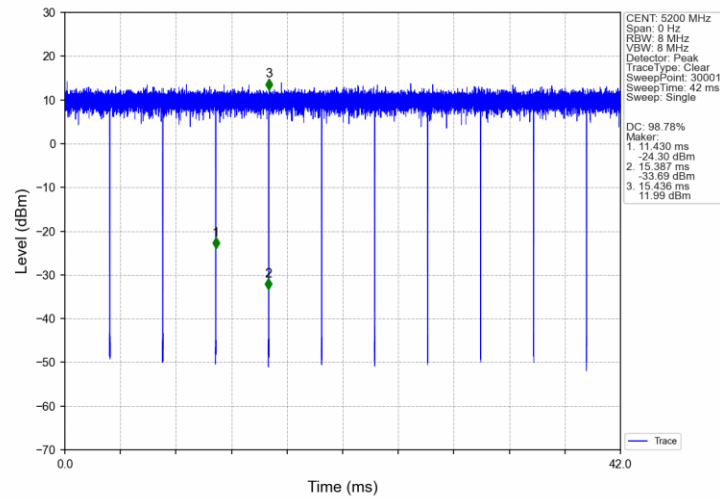
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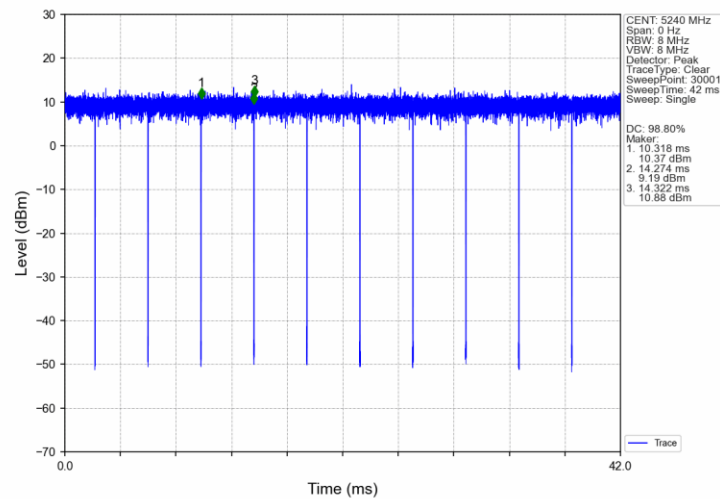
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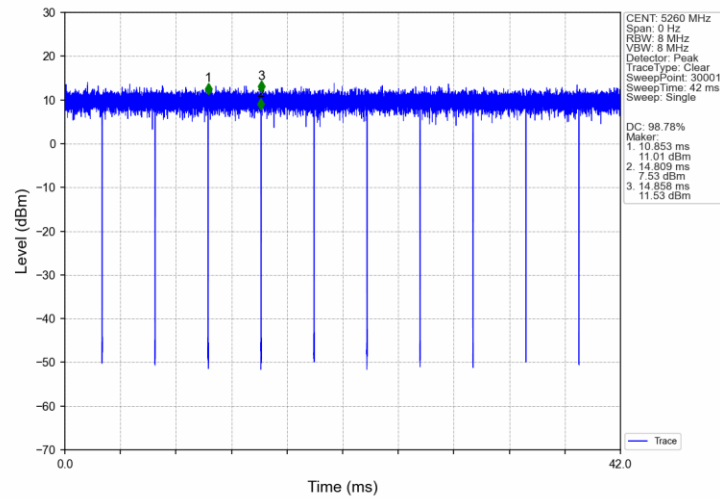
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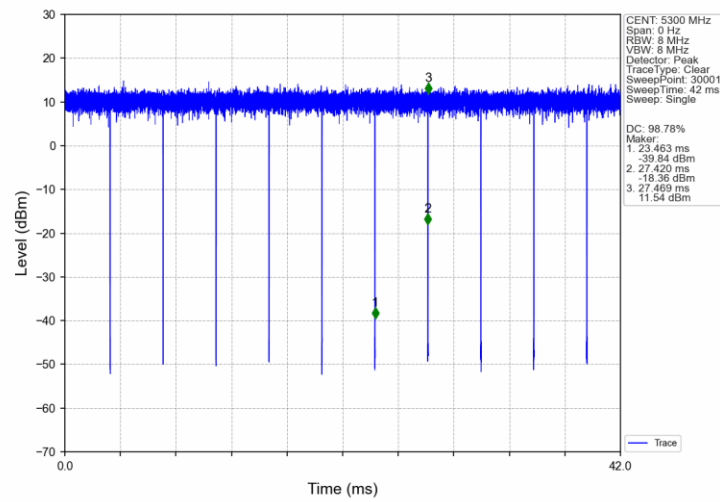
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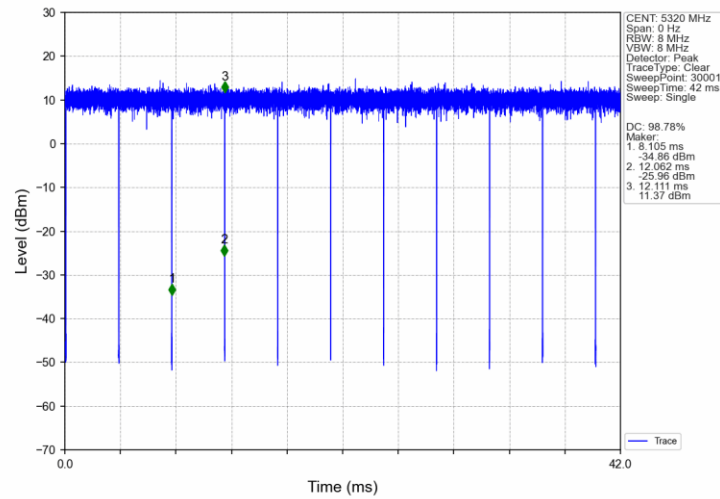
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



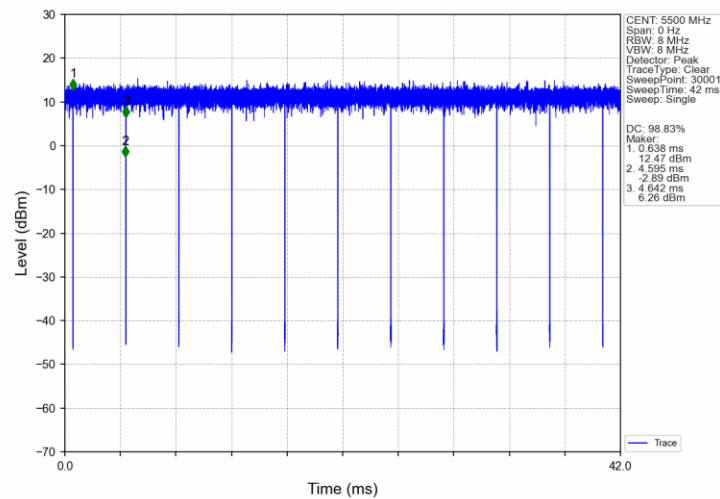
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



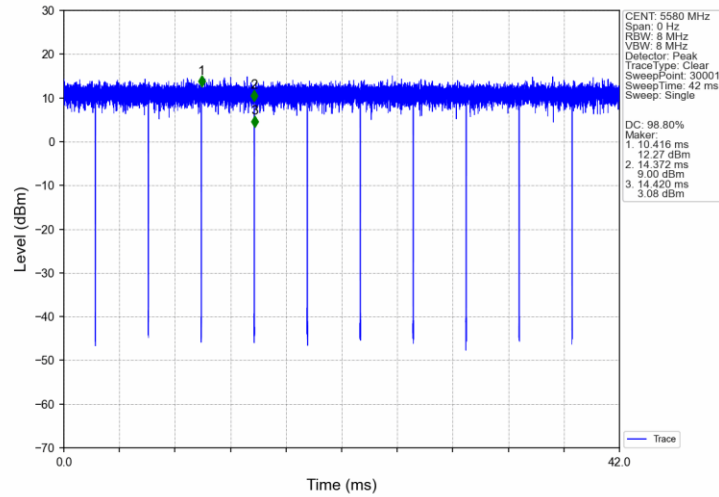
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



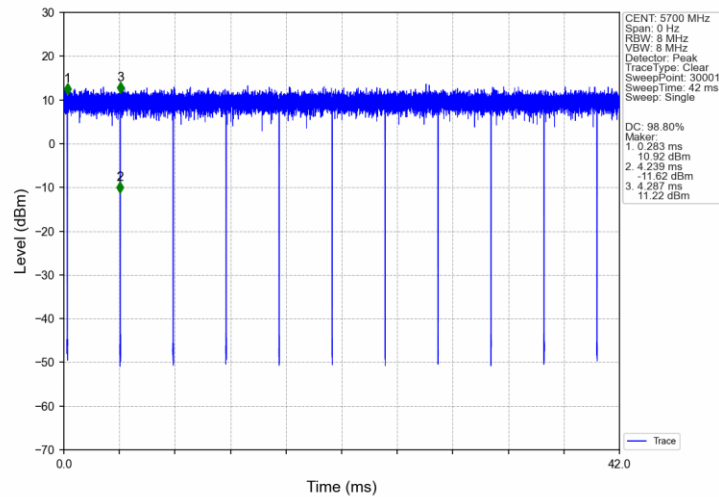
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



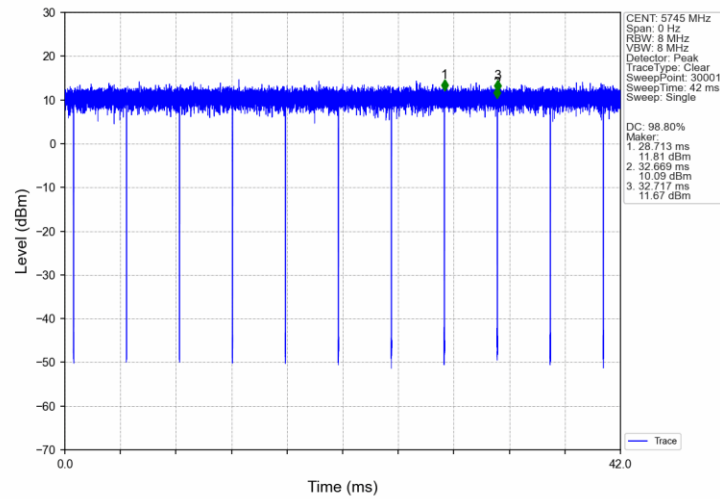
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



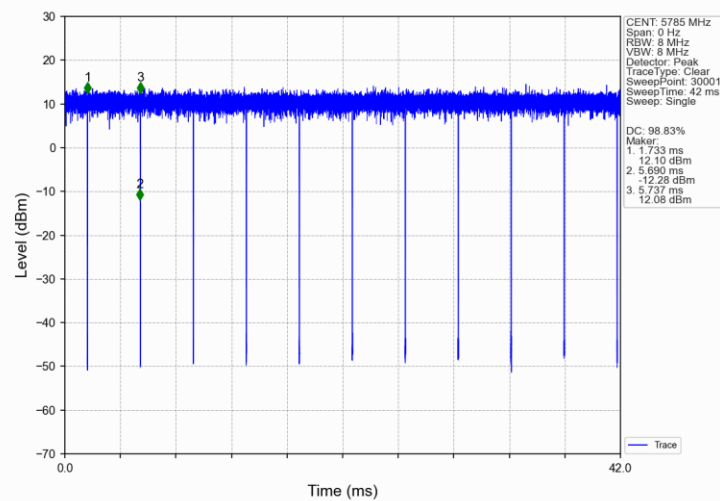
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



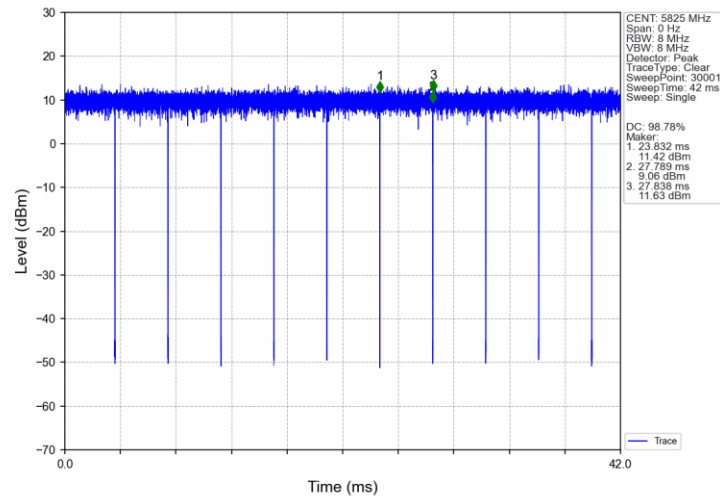
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



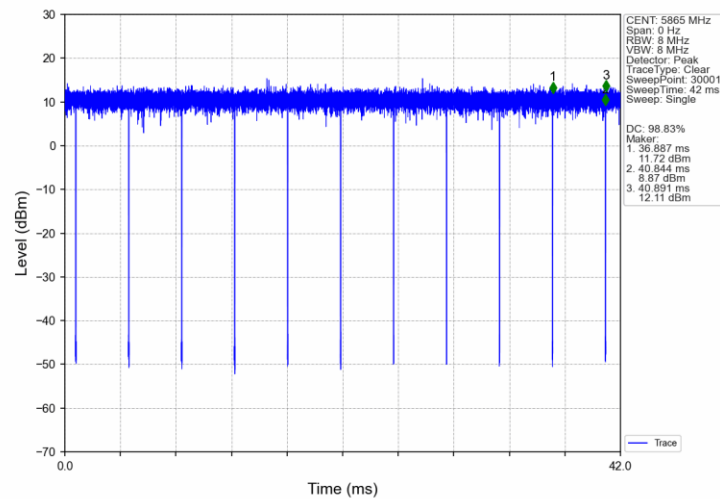
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



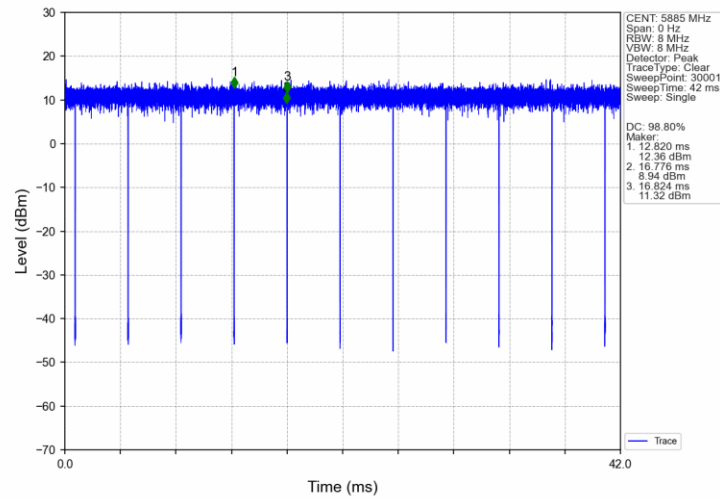
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



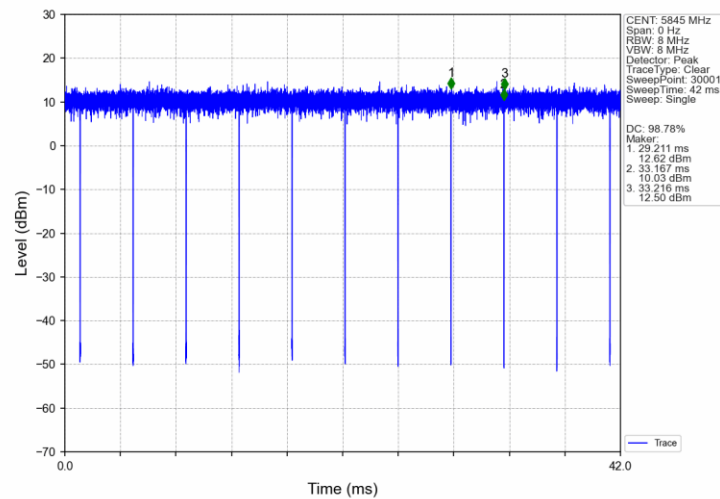
802.11ac(VHT20)_LCH_5865MHz_Ant1_NTNV



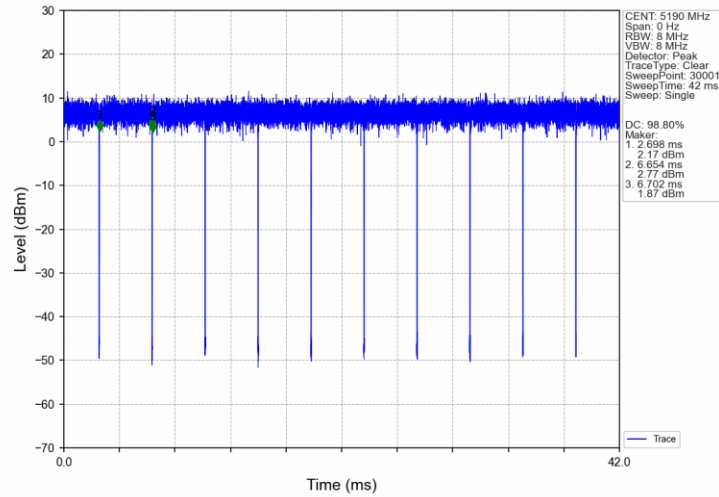
802.11ac(VHT20)_HCH_5885MHz_Ant1_NTNV



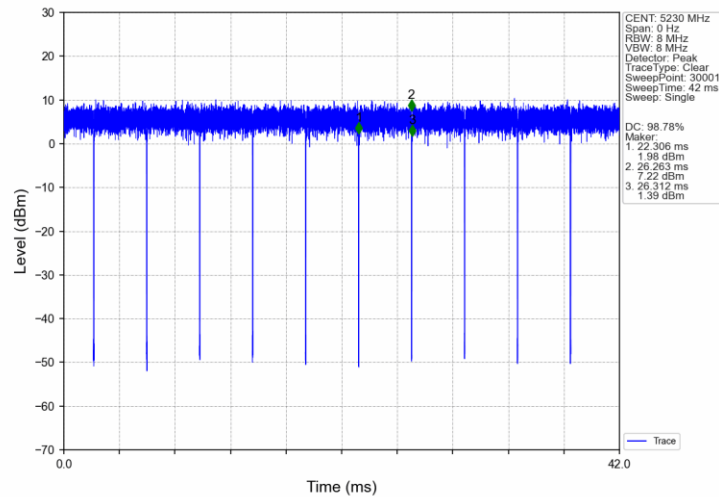
802.11ac(VHT20)_HCH_5845MHz_Ant1_NTNV



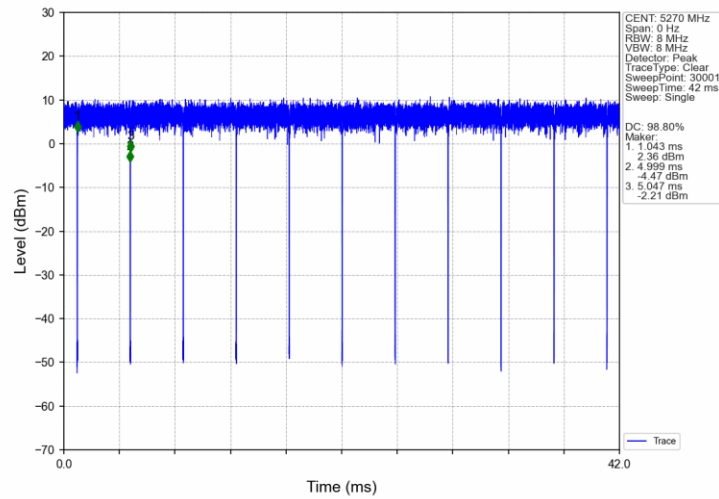
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



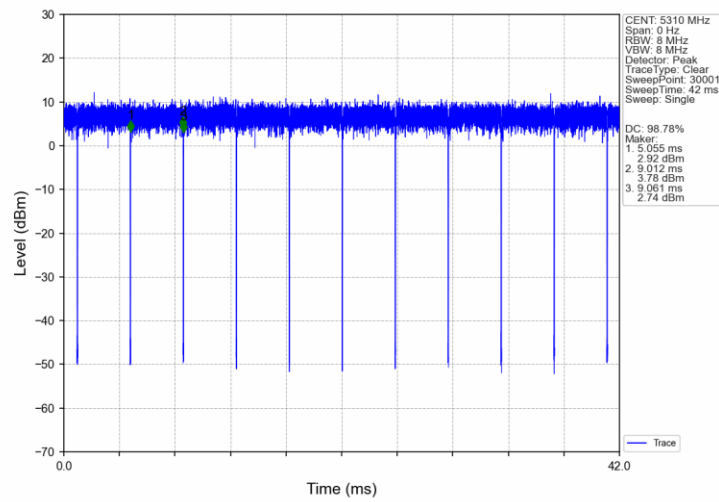
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



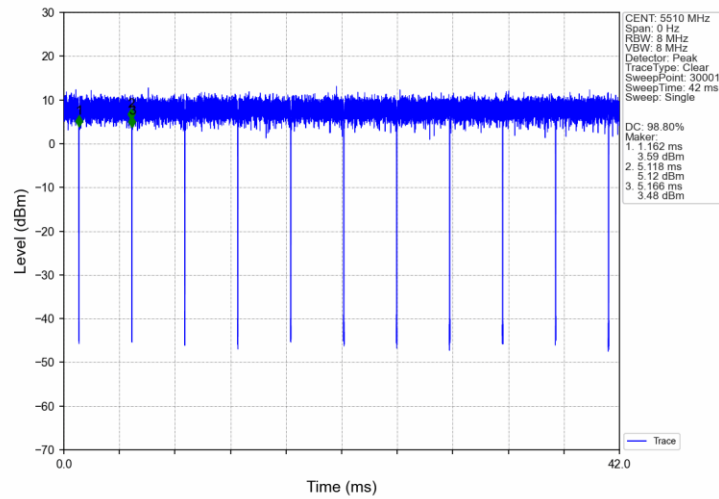
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



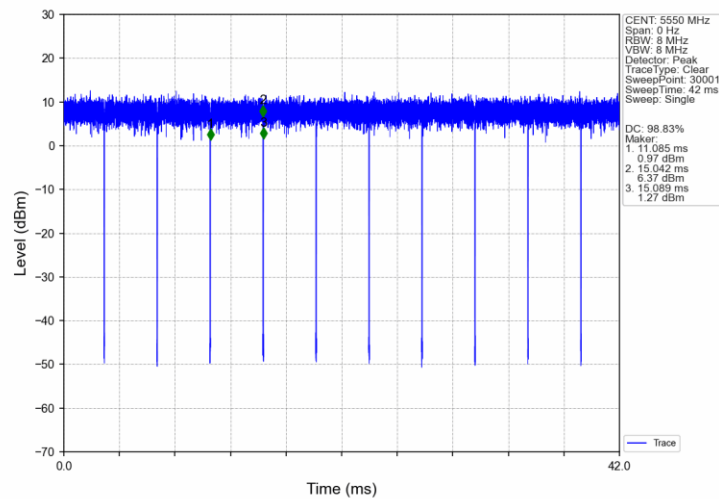
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



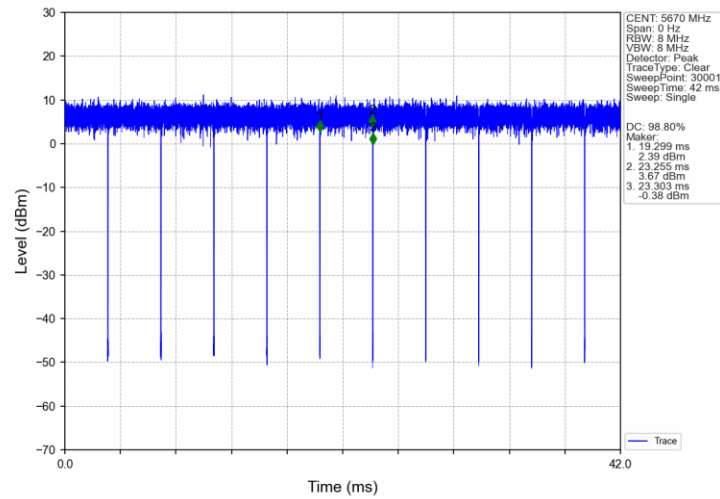
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



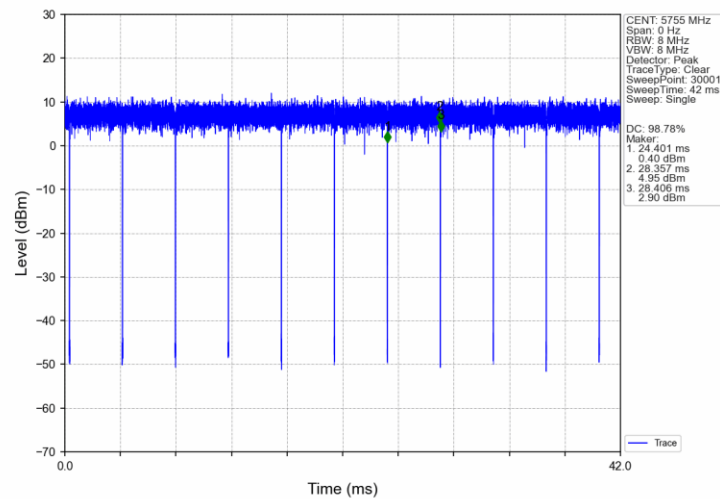
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



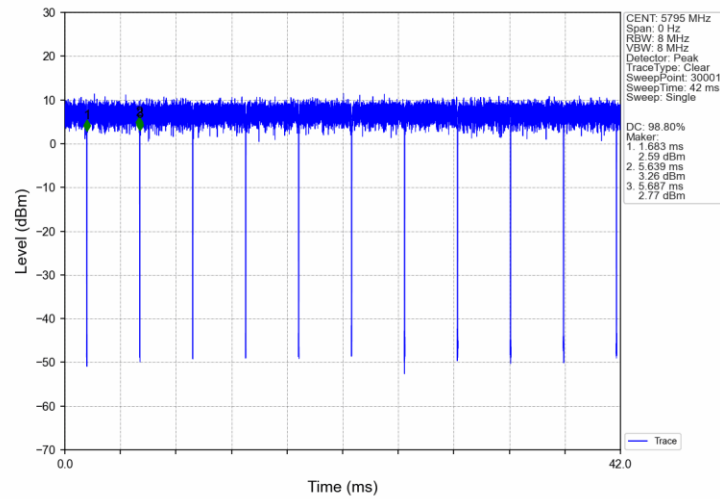
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



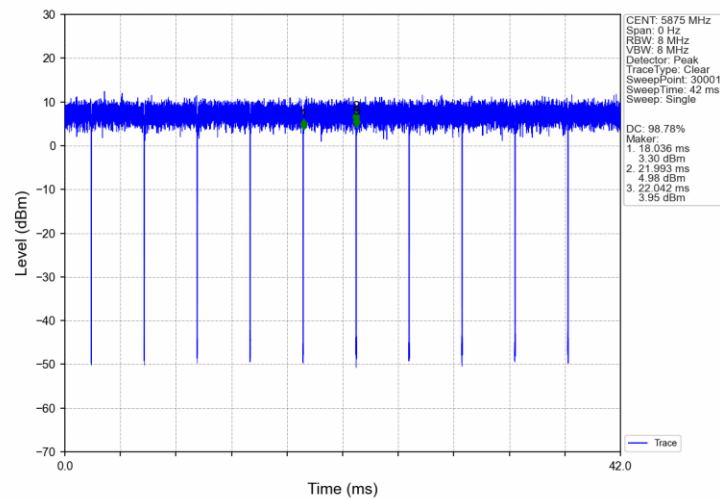
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



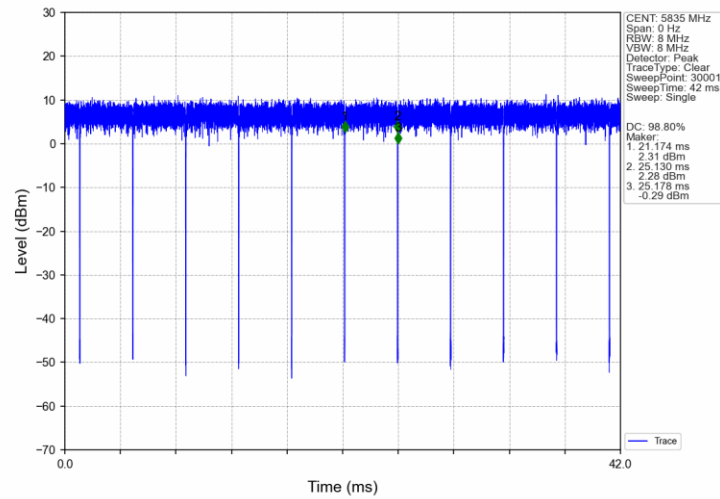
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



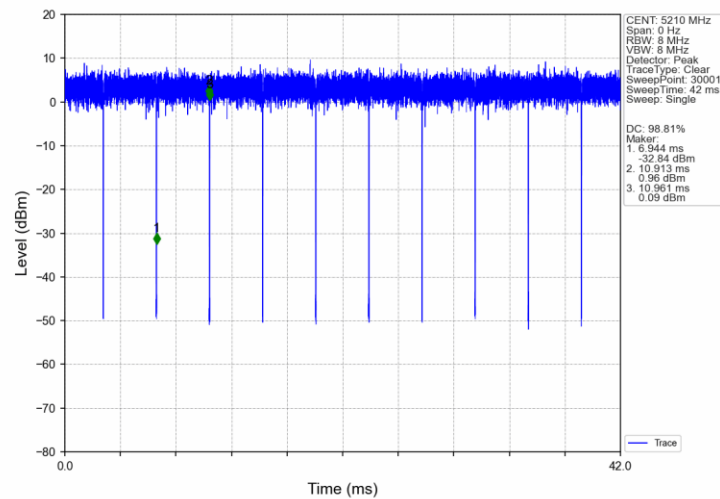
802.11ac(VHT40)_MCH_5875MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5835MHz_Ant1_NTNV

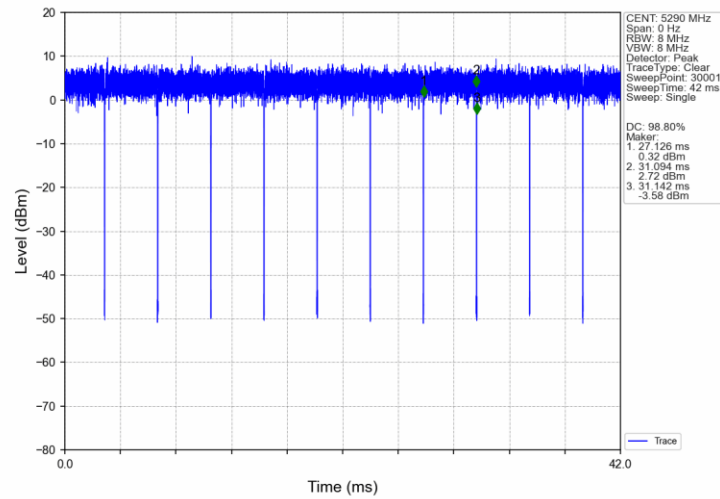


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

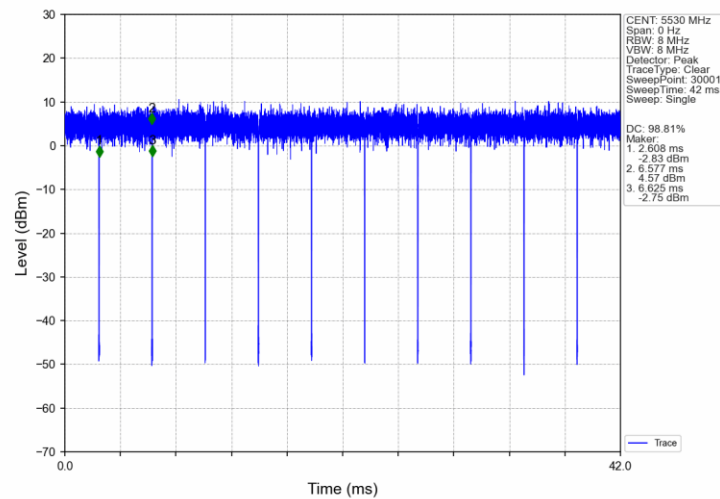




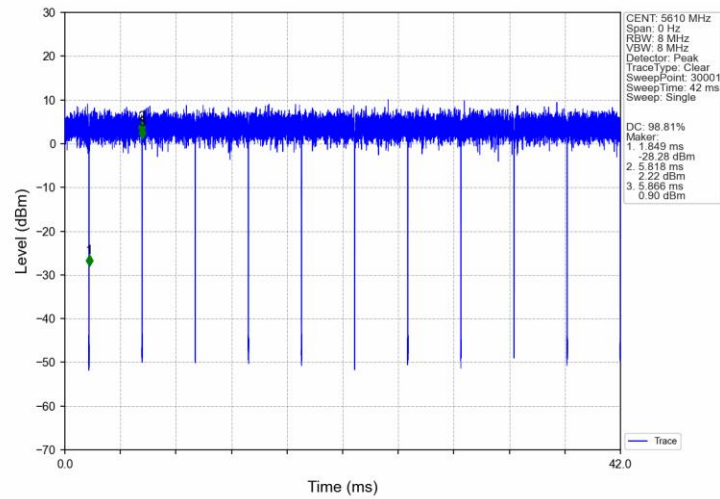
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



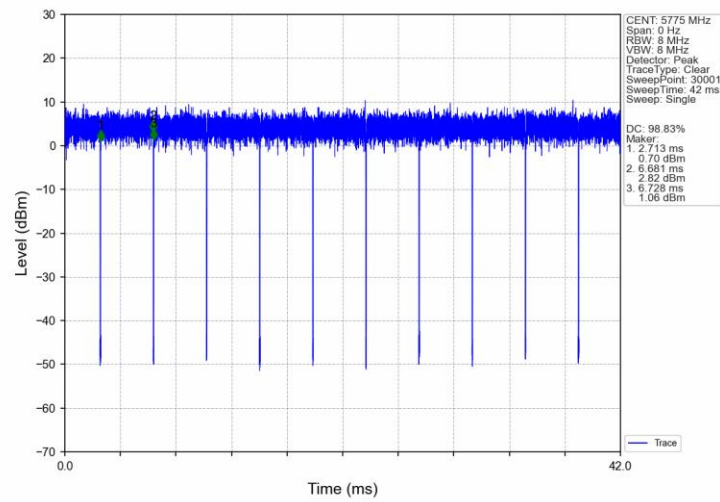
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



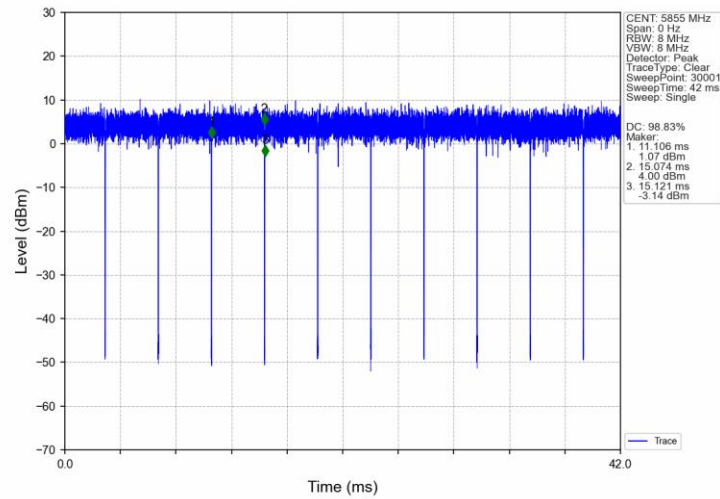
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



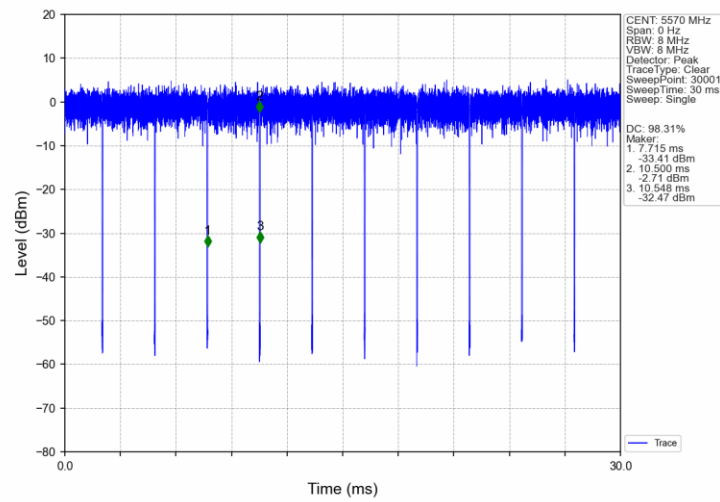
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



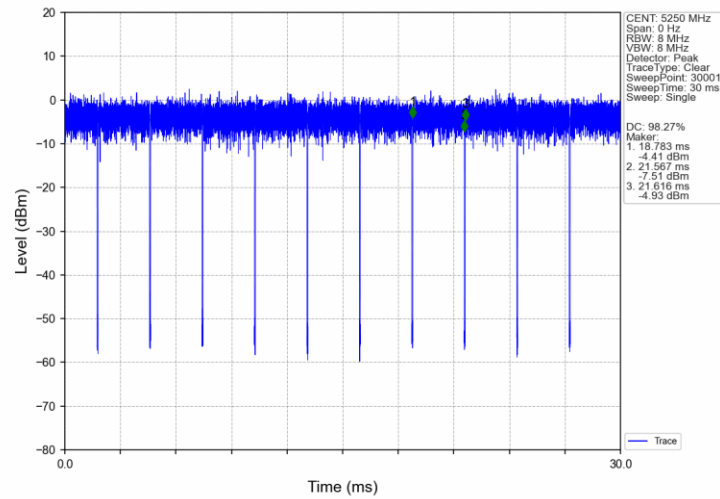
802.11ac(VHT80)_HCH_5855MHz_Ant1_NTNV



802.11ac(VHT160)_MCH_5570MHz_Ant1_NTNV



802.11ac(VHT160) MCH_5250MHz_Ant1_NTNV



802.11ac(VHT160) HCH_5815MHz_Ant1_NTNV

