

Appendix Test Data for 5G WIFI

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

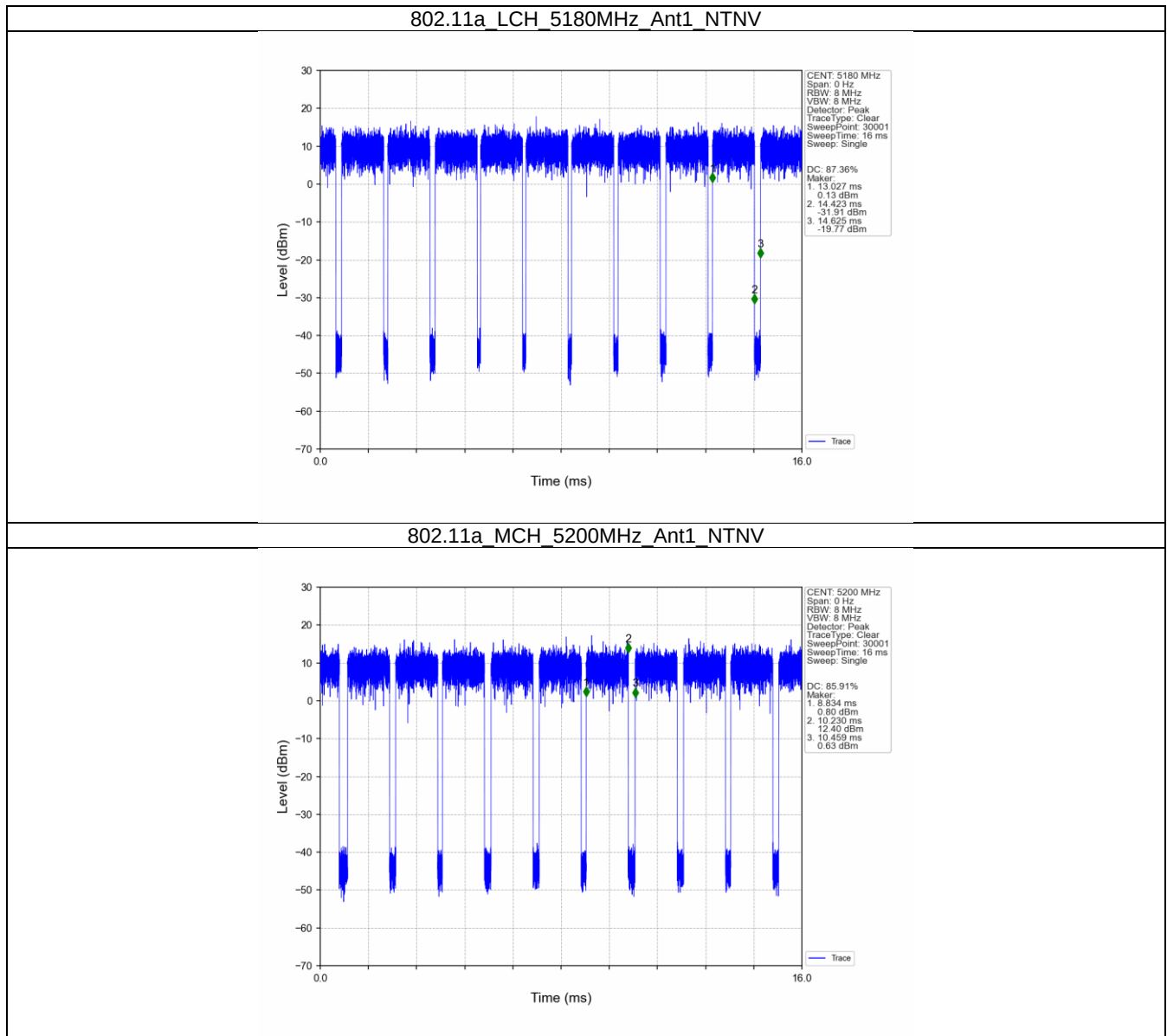
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.396	1.598	87.36	0.59	5.20
		5200	/	/	1.396	1.625	85.91	0.66	3.98
		5240	/	/	1.397	1.616	86.45	0.63	6.18
		5260	/	/	1.396	1.634	85.43	0.68	6.06
		5300	/	/	1.397	1.607	86.93	0.61	5.72
		5320	/	/	1.396	1.625	85.91	0.66	5.59
		5500	/	/	1.399	1.635	85.57	0.68	6.01
		5580	/	/	1.399	1.634	85.62	0.67	7.14
		5700	/	/	1.398	1.634	85.56	0.68	7.15
		5745	/	/	1.396	2.056	67.90	1.68	27.25
		5785	/	/	1.399	1.550	90.26	0.45	5.01
		5825	/	/	1.396	1.616	86.39	0.64	5.11
802.11n (HT20)	SISO	5180	/	/	0.164	0.402	40.80	3.89	8.97
		5200	/	/	0.165	0.553	29.84	5.25	27.99
		5240	/	/	0.164	0.393	41.73	3.80	10.88
		5260	/	/	0.164	0.384	42.71	3.69	16.78
		5300	/	/	0.168	0.317	53.00	2.76	18.23
		5320	/	/	0.168	0.384	43.75	3.59	13.46
		5500	/	/	0.165	0.375	44.00	3.57	15.81
		5580	/	/	0.164	0.384	42.71	3.69	16.73
		5700	/	/	0.165	0.402	41.04	3.87	11.82
		5745	/	/	1.306	1.542	84.70	0.72	7.54
		5785	/	/	1.307	1.811	72.17	1.42	20.40
		5825	/	/	1.307	1.543	84.71	0.72	4.69
802.11n (HT40)	SISO	5190	/	/	0.649	0.840	77.26	1.12	8.25
		5230	/	/	0.649	0.828	78.38	1.06	9.56
		5270	/	/	0.648	1.085	59.72	2.24	4.27
		5310	/	/	0.649	1.130	57.43	2.41	6.05
		5510	/	/	0.650	0.885	73.45	1.34	12.20
		5550	/	/	0.649	1.139	56.98	2.44	7.11
		5670	/	/	0.648	0.809	80.10	0.96	10.05
		5755	/	/	0.648	0.827	78.36	1.06	11.84
802.11ac (VHT20)	SISO	5795	/	/	0.650	0.828	78.50	1.05	11.83
		5180	/	/	1.021	1.232	82.87	0.82	6.54
		5200	/	/	1.022	1.626	62.85	2.02	27.35
		5240	/	/	1.022	1.418	72.07	1.42	15.33
		5260	/	/	1.022	1.250	81.76	0.87	7.05
		5300	/	/	1.021	1.259	81.10	0.91	9.05
		5320	/	/	1.021	1.241	82.27	0.85	7.15
		5500	/	/	1.021	1.258	81.16	0.91	4.92
		5580	/	/	1.022	1.259	81.18	0.91	9.03
		5700	/	/	1.022	1.232	82.95	0.81	7.20
		5745	/	/	1.023	1.432	71.44	1.46	18.90
		5785	/	/	1.023	1.183	86.48	0.63	7.12
802.11ac (VHT40)	SISO	5825	/	/	1.023	1.201	85.18	0.70	8.45
		5190	/	/	0.541	0.778	69.54	1.58	11.20
		5230	/	/	0.541	0.711	76.09	1.19	12.34
		5270	/	/	0.542	0.720	75.28	1.23	13.27
		5310	/	/	0.541	0.996	54.32	2.65	5.42

		5510	/	/	0.543	0.770	70.52	1.52	8.33
		5550	/	/	0.543	0.769	70.61	1.51	8.30
		5670	/	/	0.541	0.769	70.35	1.53	10.43
		5755	/	/	0.542	0.702	77.21	1.12	11.38
		5795	/	/	0.542	0.825	65.70	1.82	15.25
802.11ax (HEW20)	SISO	5180	SU	/	1.022	1.250	81.76	0.87	7.01
		5200	SU	/	1.020	2.028	50.30	2.98	38.43
		5240	SU	/	1.021	1.250	81.68	0.88	8.42
		5260	SU	/	1.022	1.250	81.76	0.87	8.42
		5300	SU	/	1.021	1.259	81.10	0.91	6.25
		5320	SU	/	1.021	1.259	81.10	0.91	6.91
		5500	SU	/	1.021	1.214	84.10	0.75	6.04
		5580	SU	/	1.021	1.240	82.34	0.84	6.44
		5700	SU	/	1.021	1.250	81.68	0.88	8.42
		5745	SU	/	0.120	0.357	33.61	4.73	16.28
		5785	SU	/	0.120	0.457	26.26	5.81	33.49
		5825	SU	/	0.120	0.349	34.38	4.64	17.39
802.11ax (HEW40)	SISO	5190	SU	/	0.541	0.769	70.35	1.53	12.65
		5230	SU	/	0.541	0.693	78.07	1.08	10.34
		5270	SU	/	0.541	1.005	53.83	2.69	5.92
		5310	SU	/	0.541	0.751	72.04	1.42	10.93
		5510	SU	/	0.541	0.720	75.14	1.24	13.31
		5550	SU	/	0.541	0.778	69.54	1.58	11.22
		5670	SU	/	0.541	0.769	70.35	1.53	10.39
		5755	SU	/	0.541	6.477	8.35	10.78	0.00
		5795	SU	/	0.541	0.720	75.14	1.24	13.30



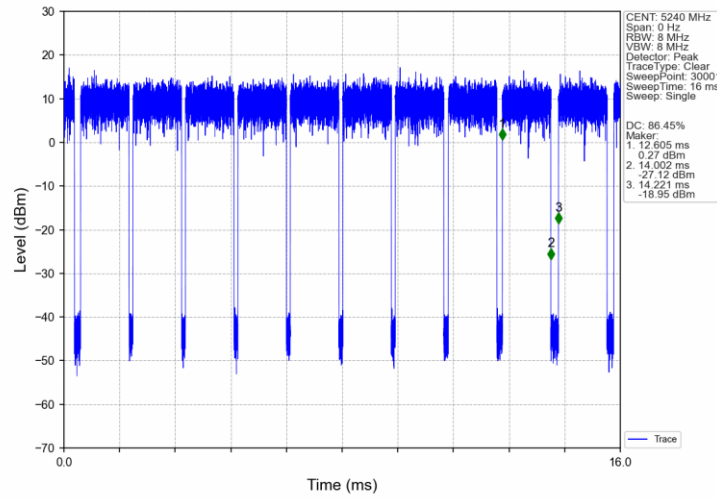
1.2 Test Graph

1.2.1 Ant1

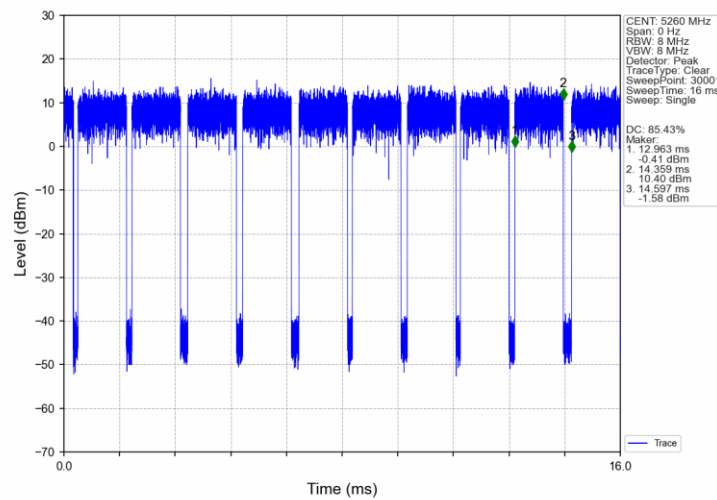




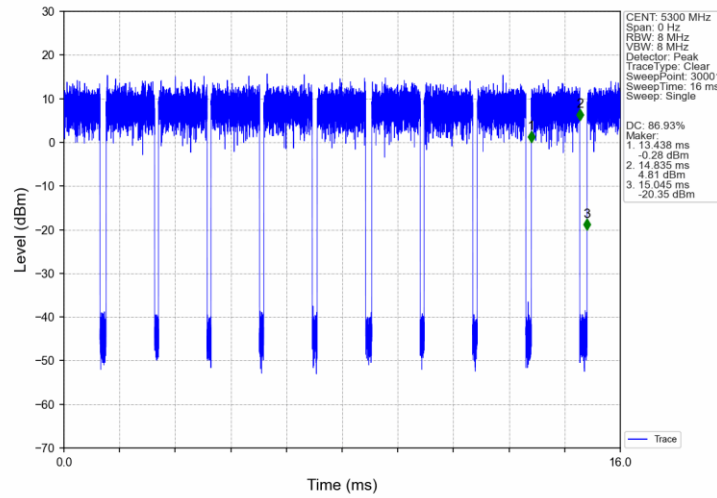
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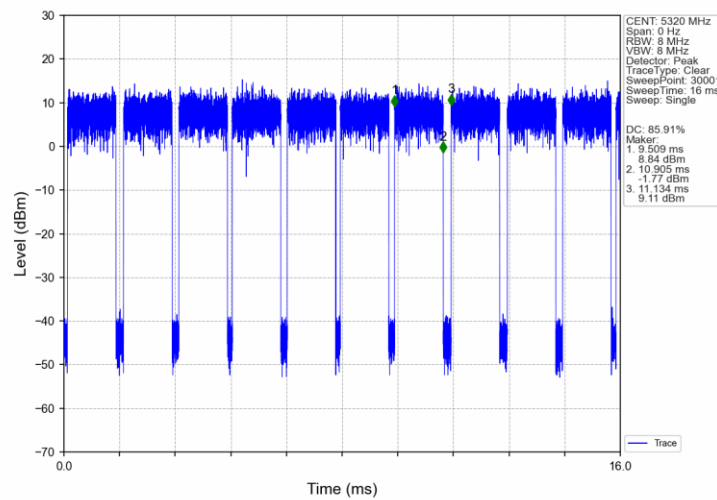
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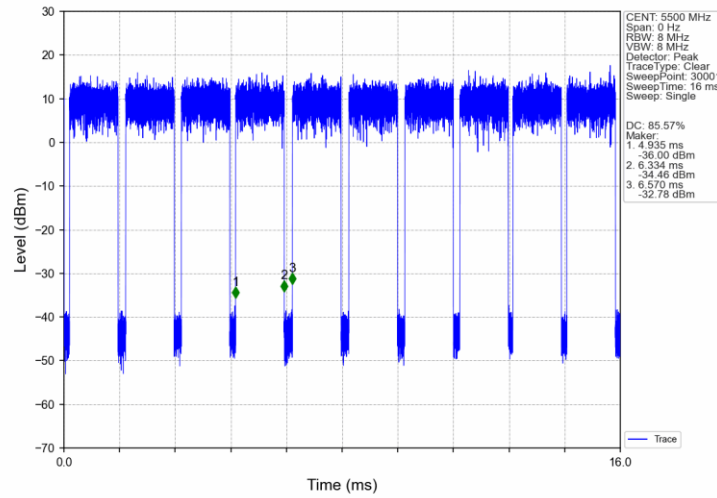
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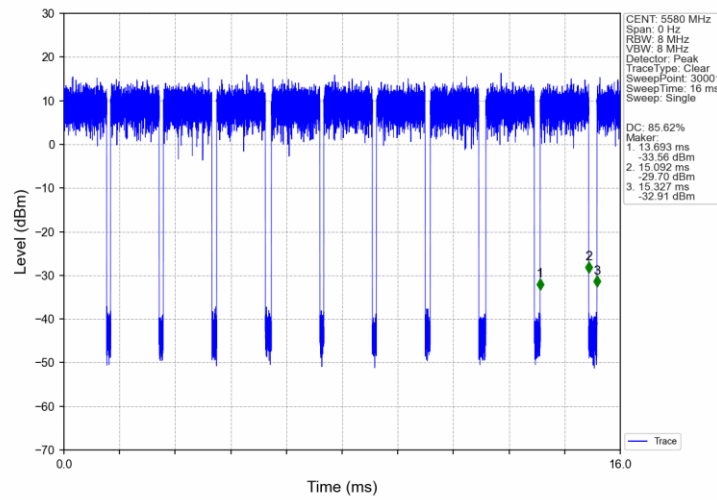
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802.11a_LCH_5500MHz_Ant1_NTNV

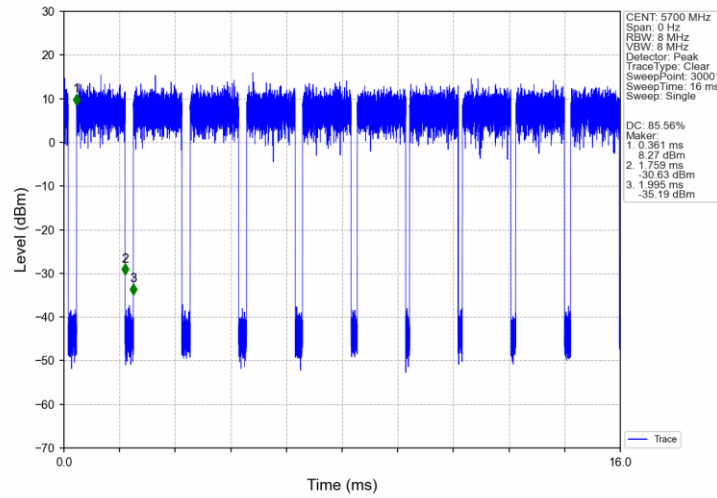


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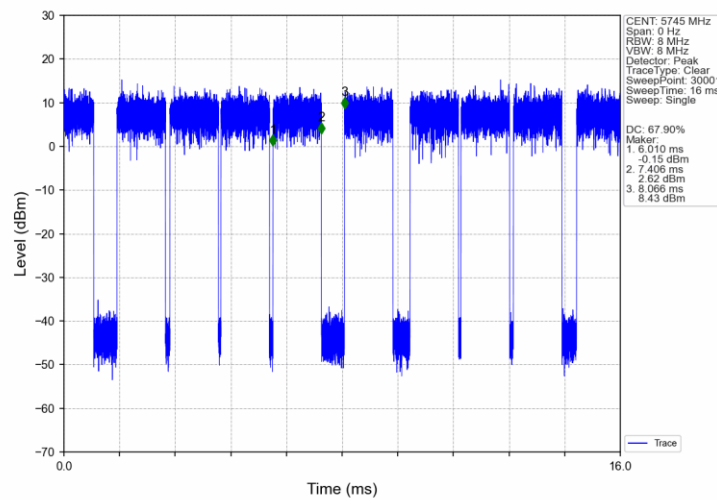




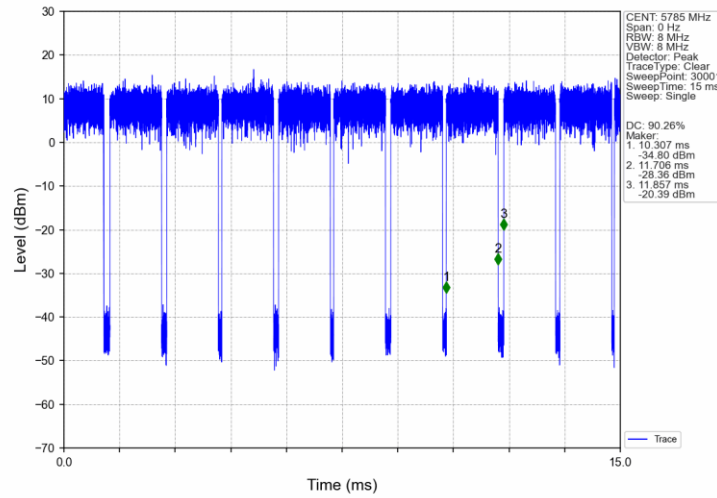
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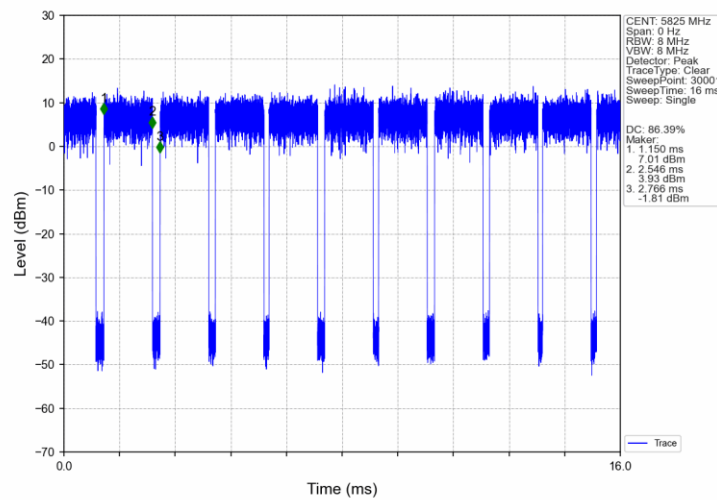
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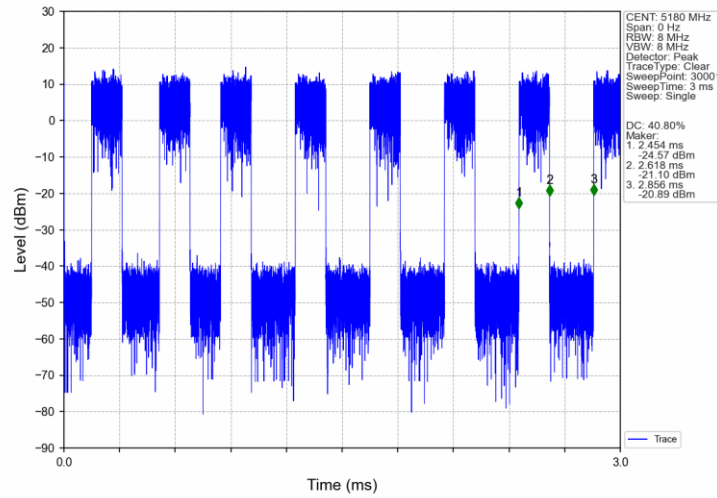
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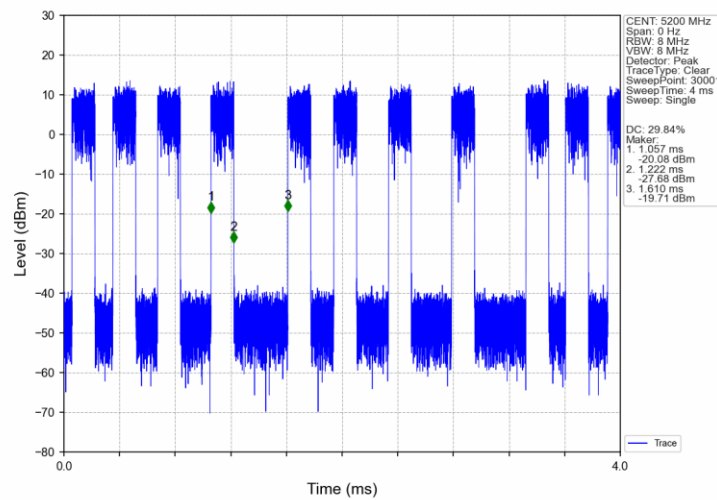
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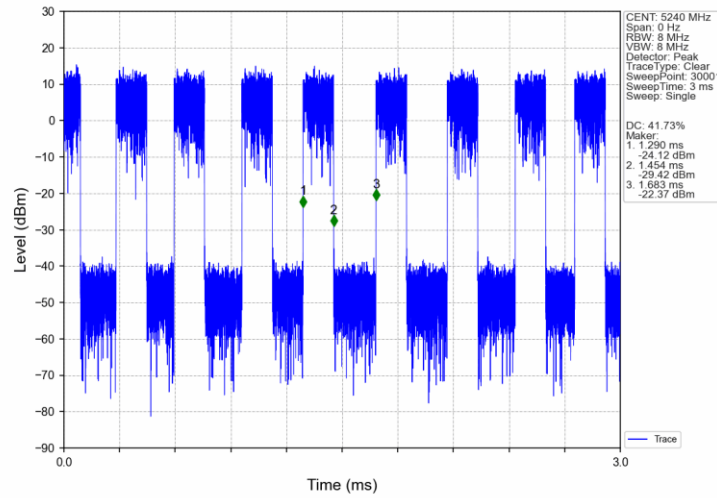
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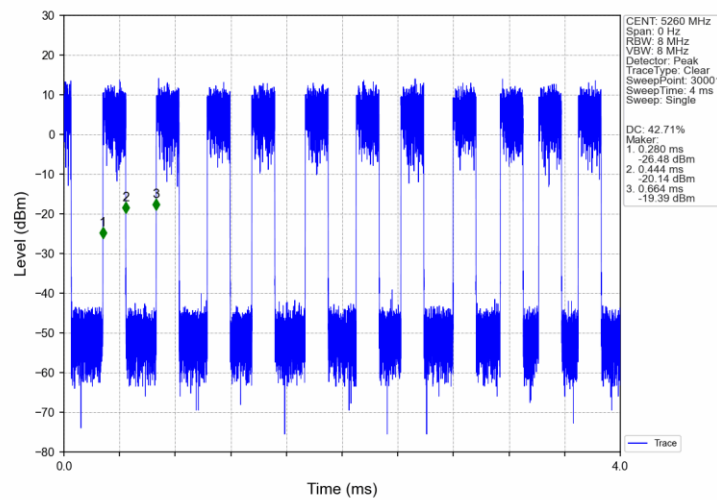
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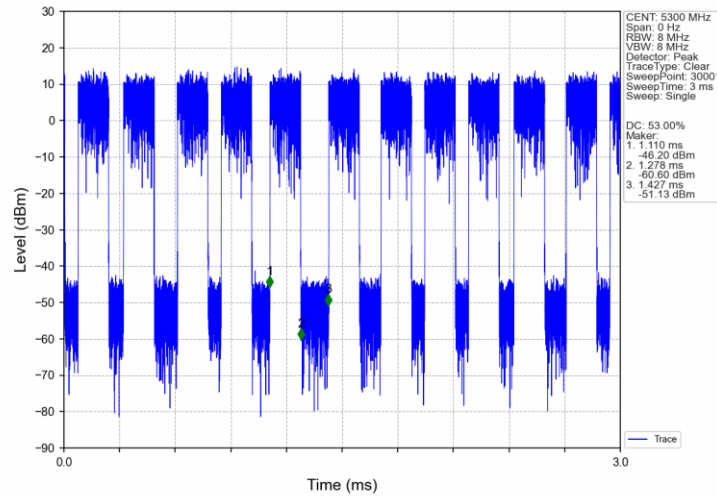
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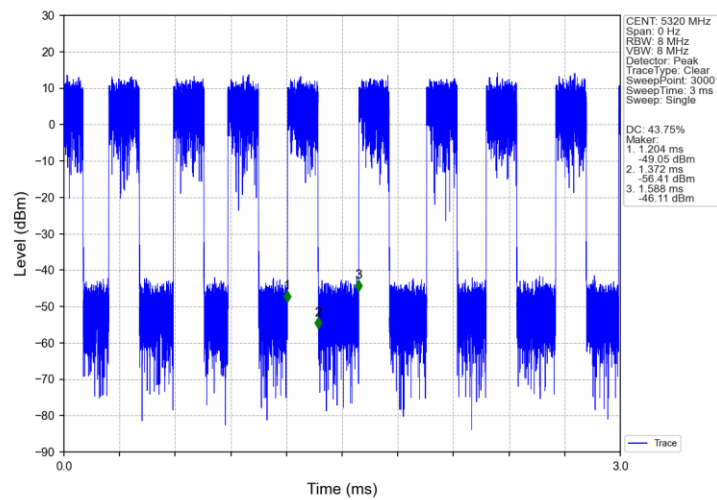
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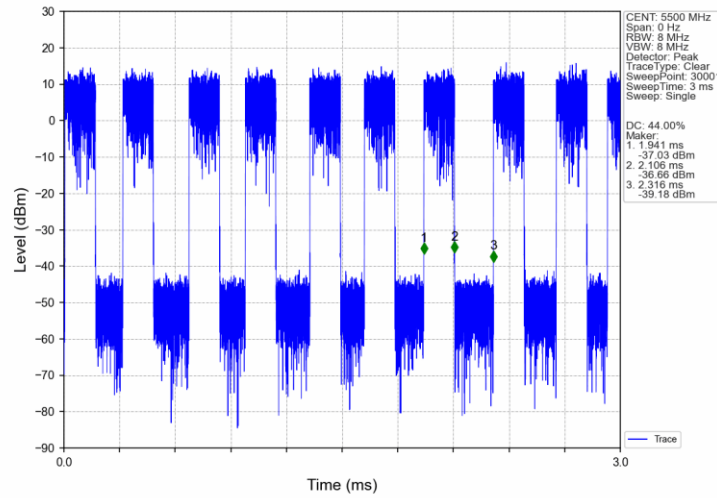
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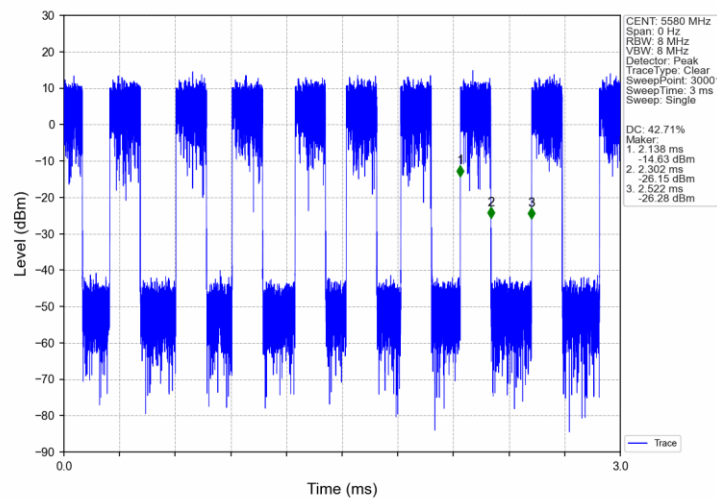
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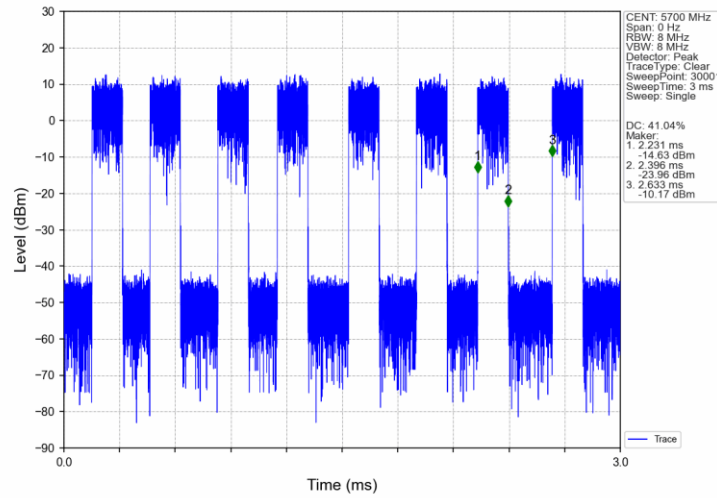
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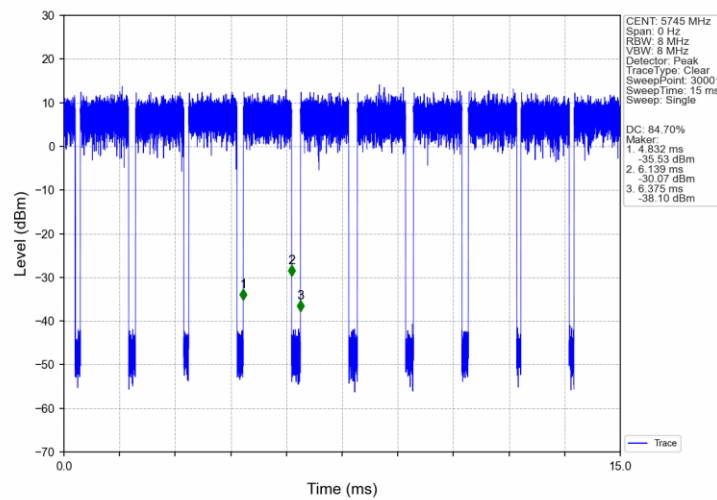
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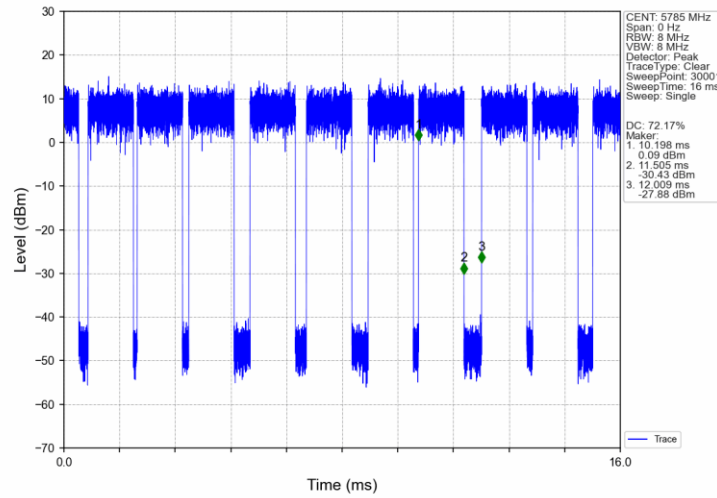
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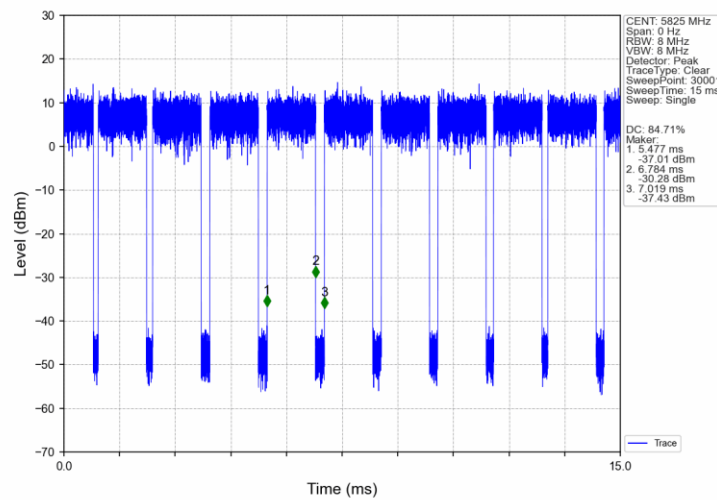
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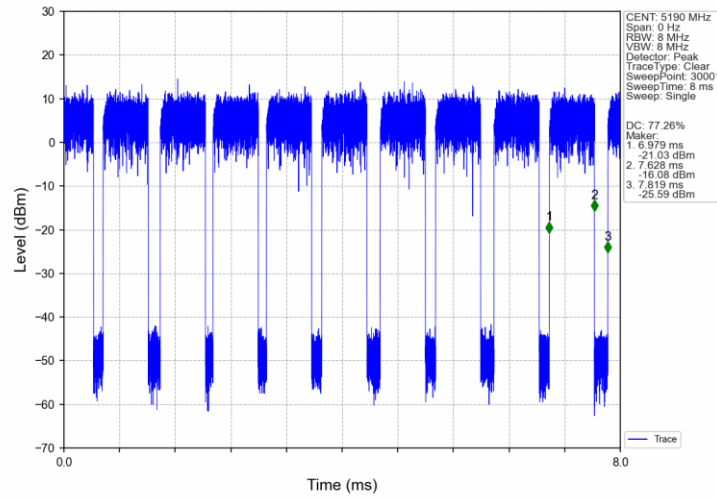
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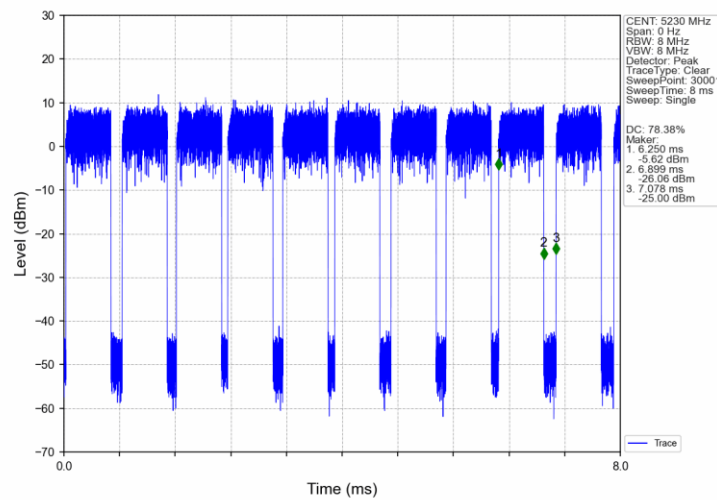
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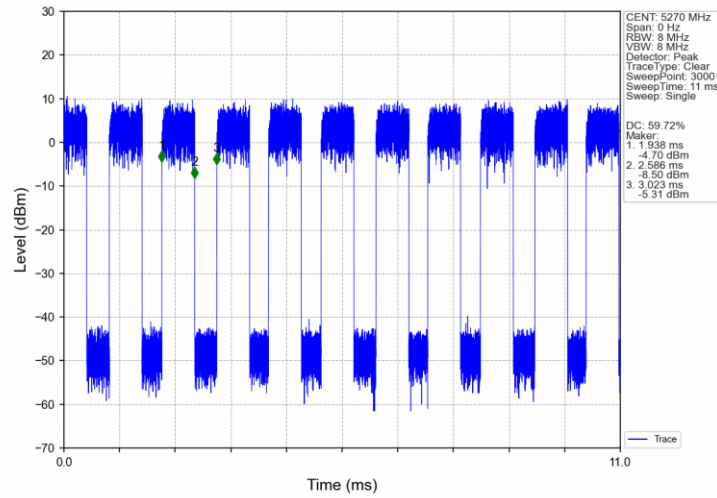
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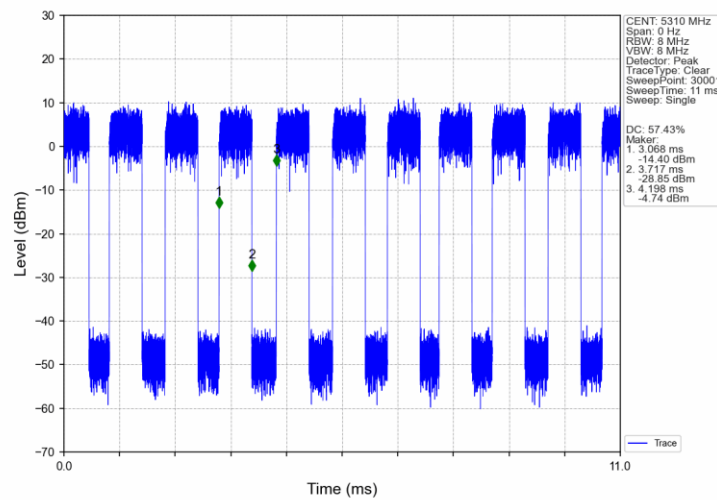
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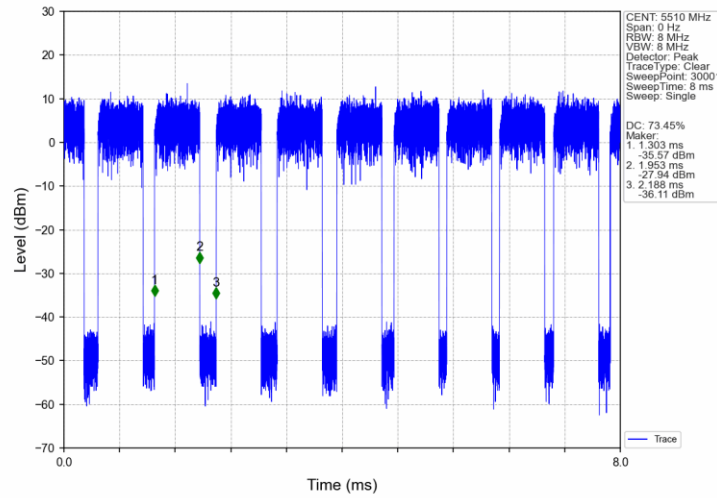
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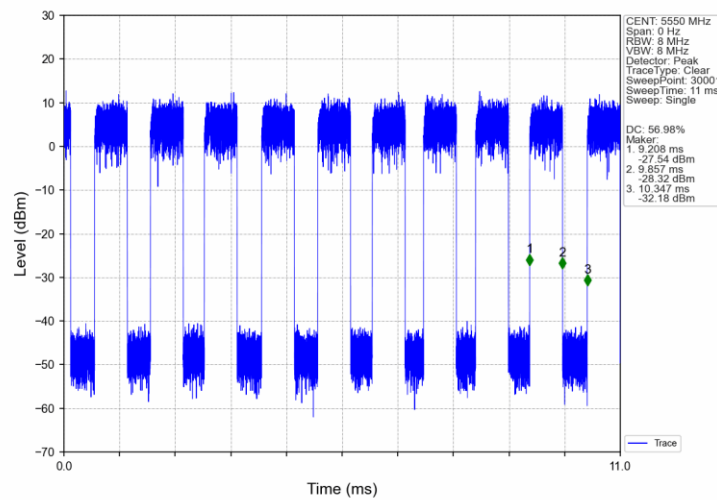
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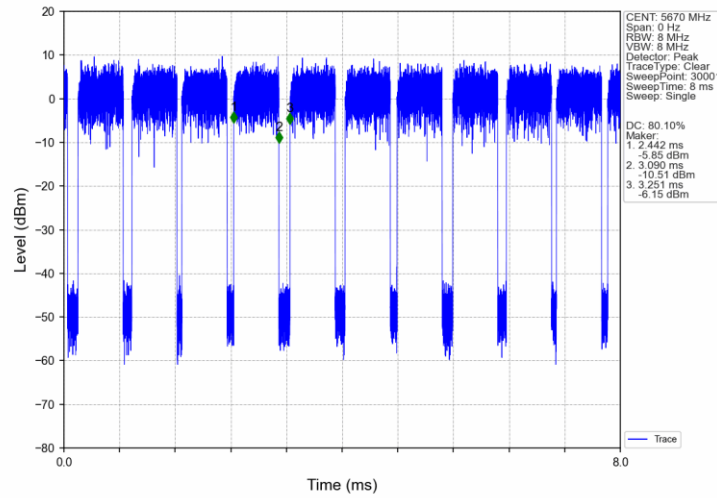
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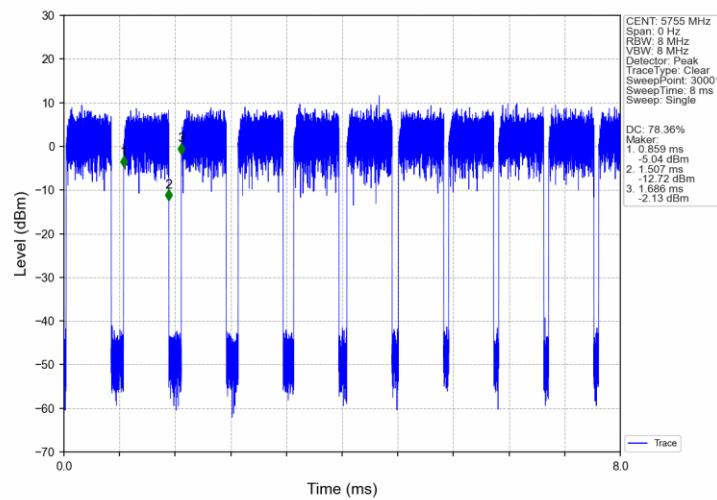
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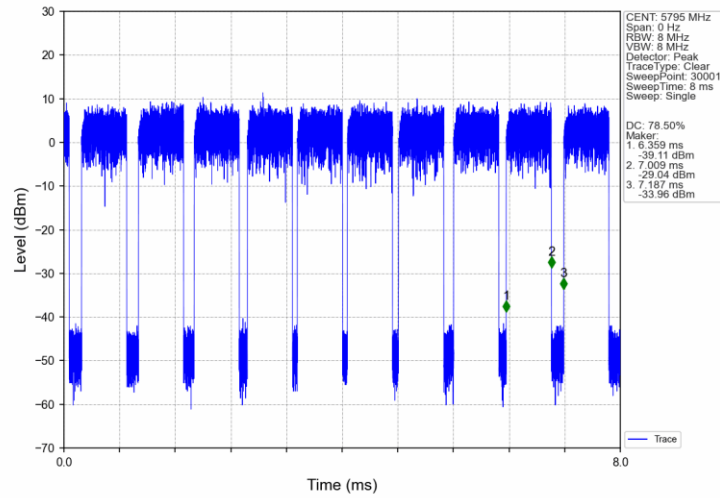
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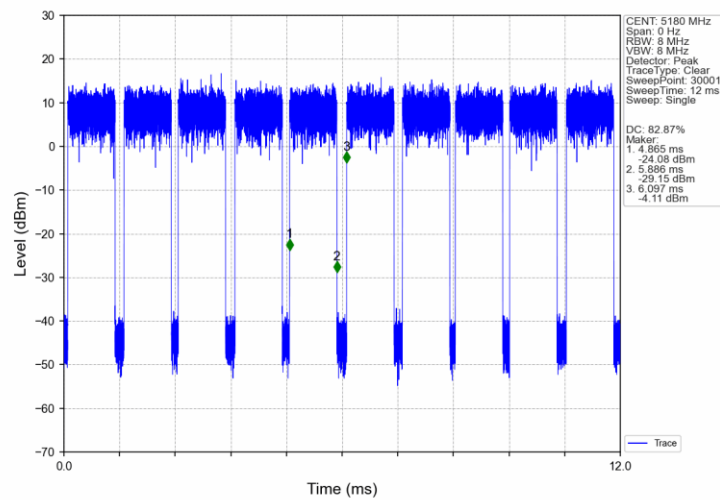
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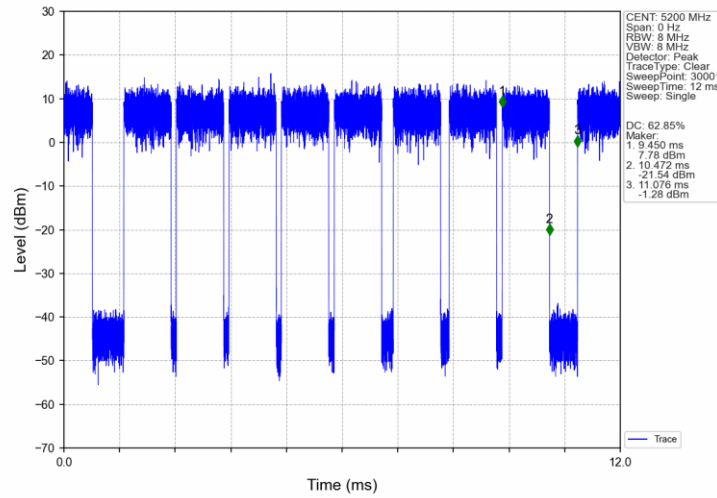
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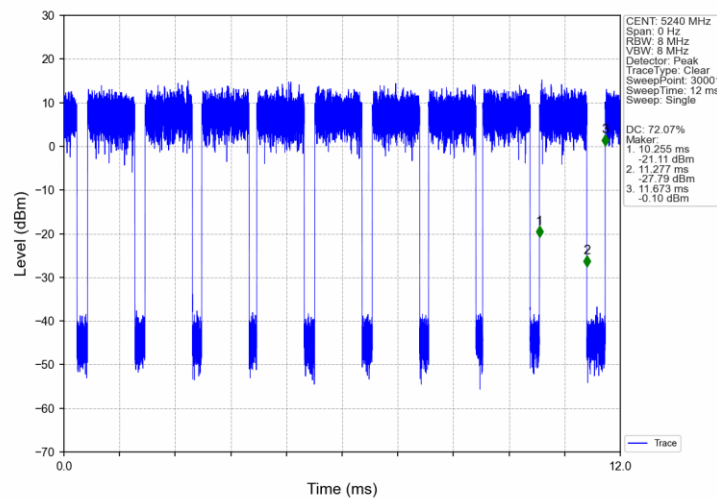
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



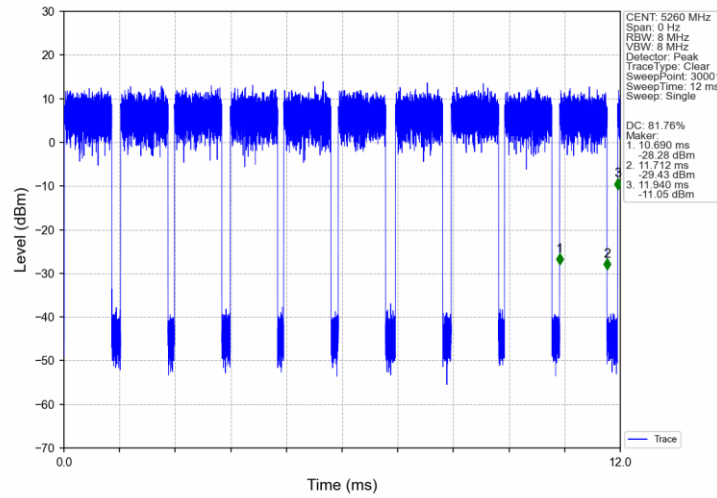
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



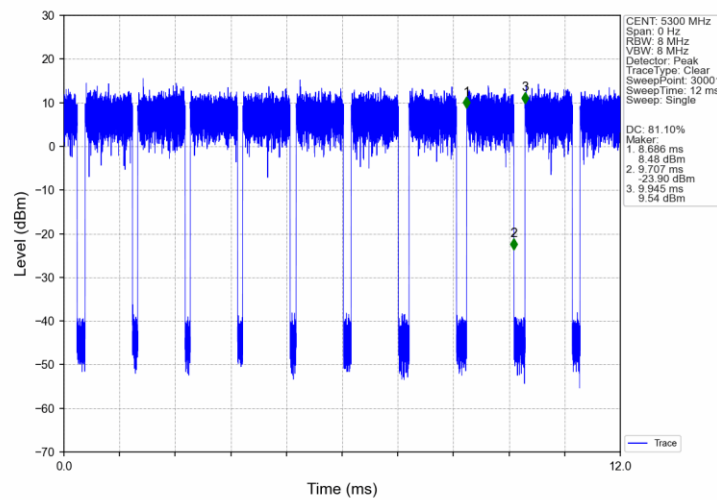
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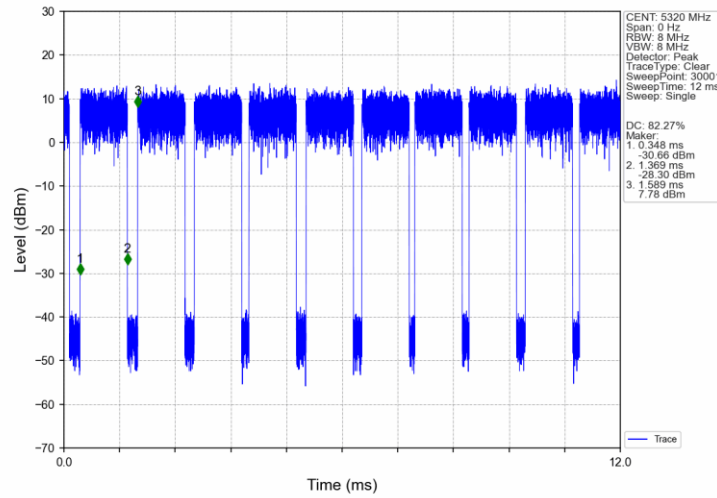
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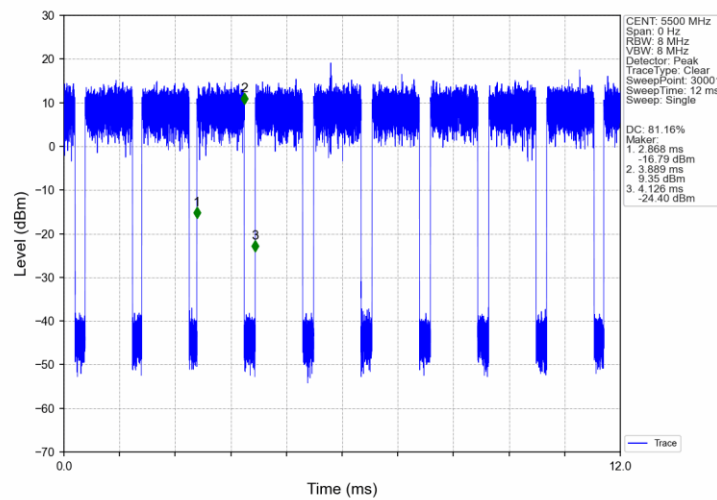
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



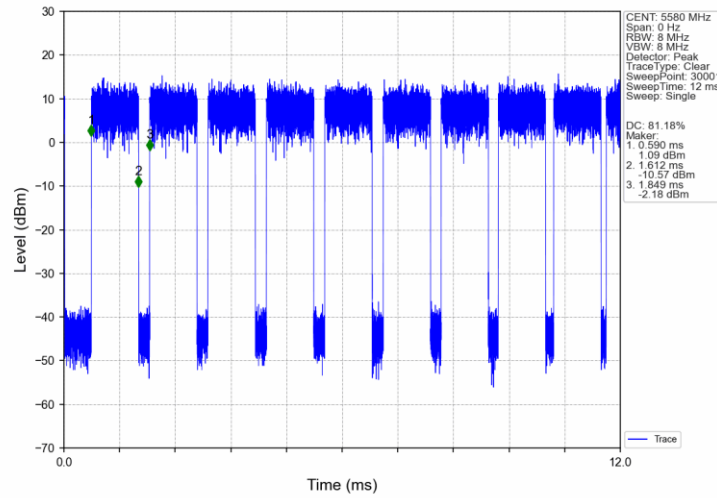
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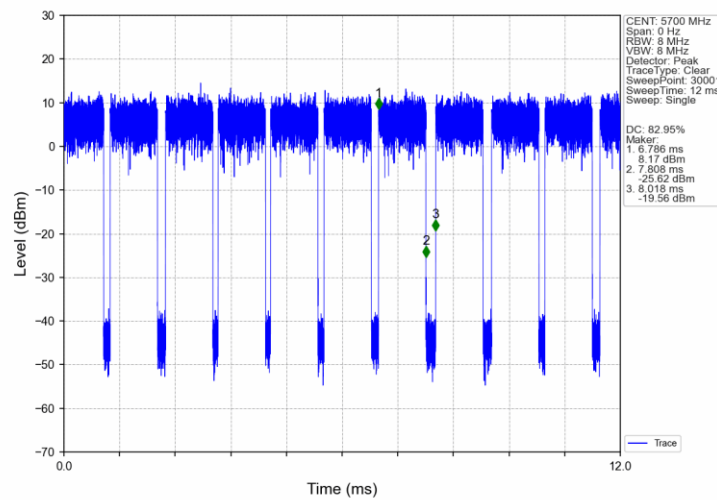
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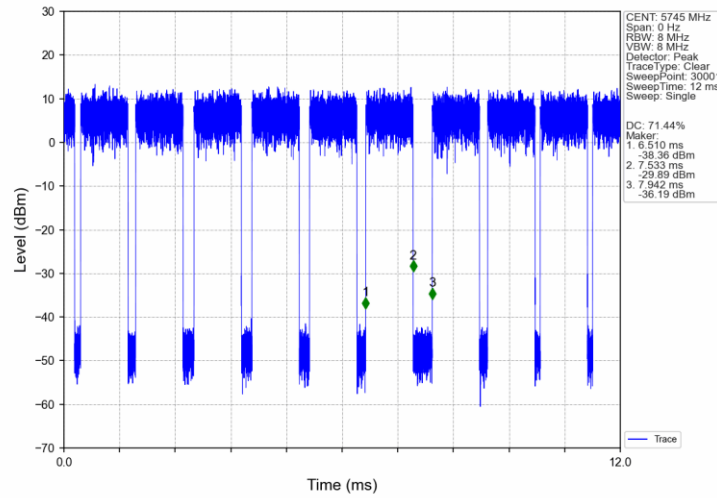
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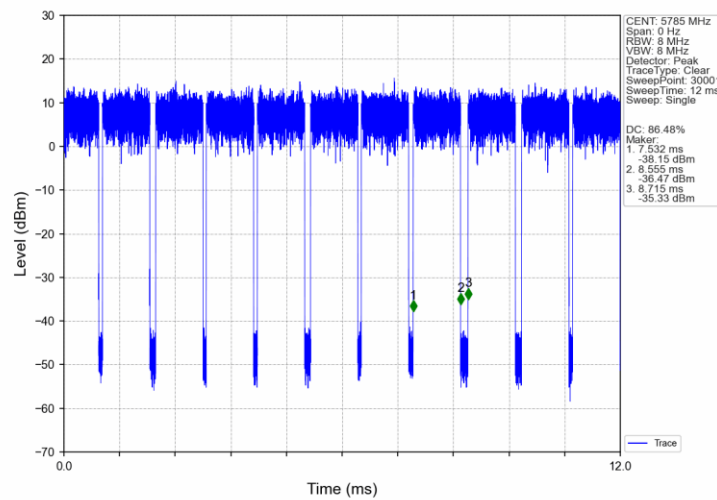
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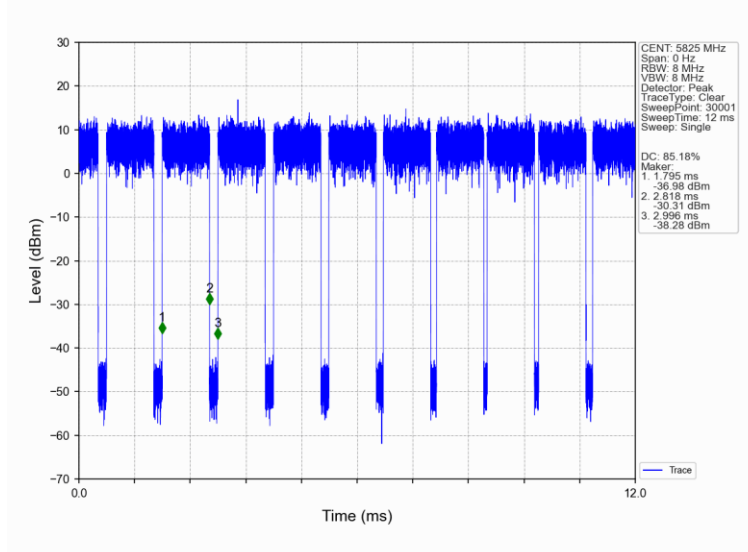
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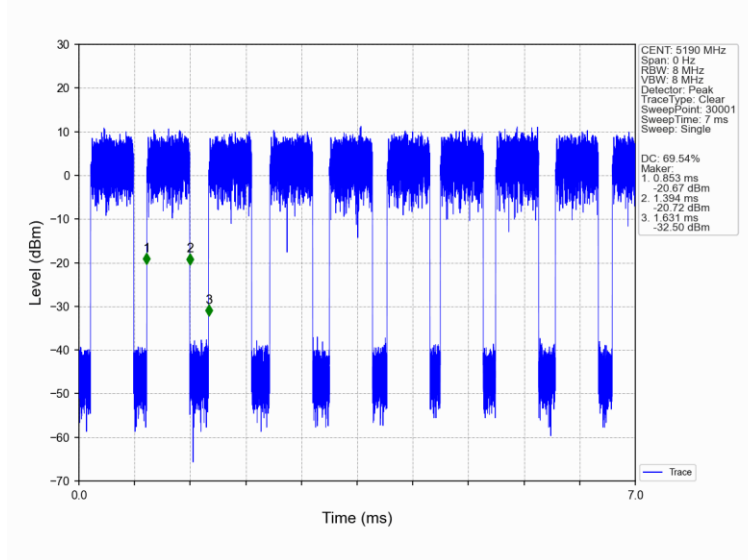
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



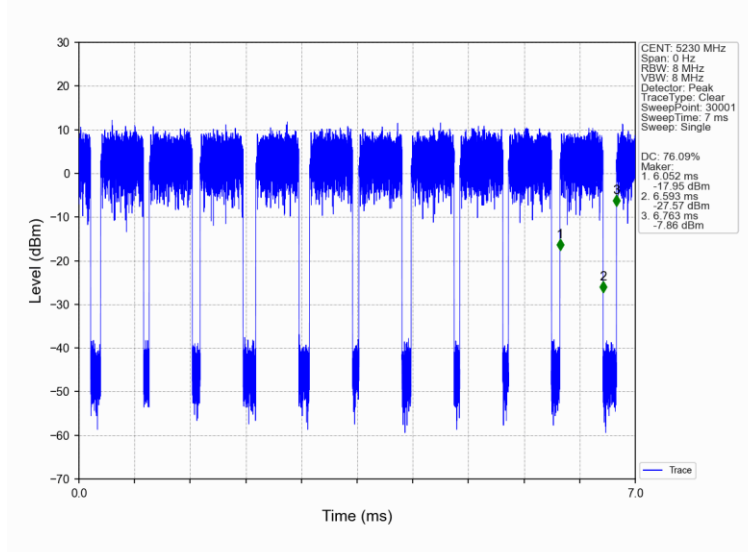
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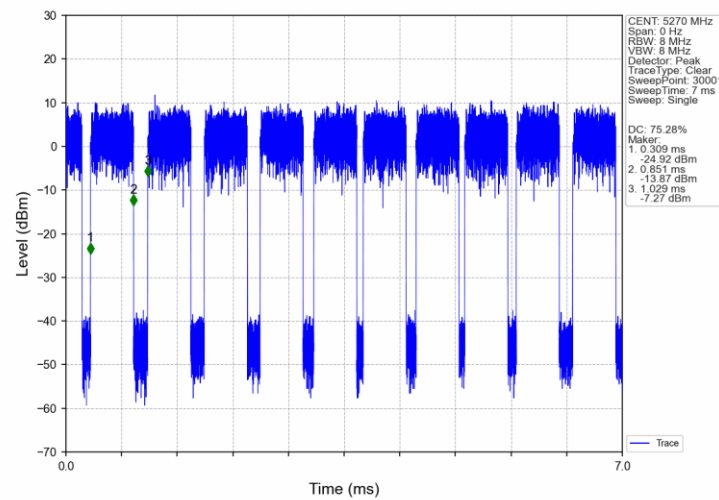
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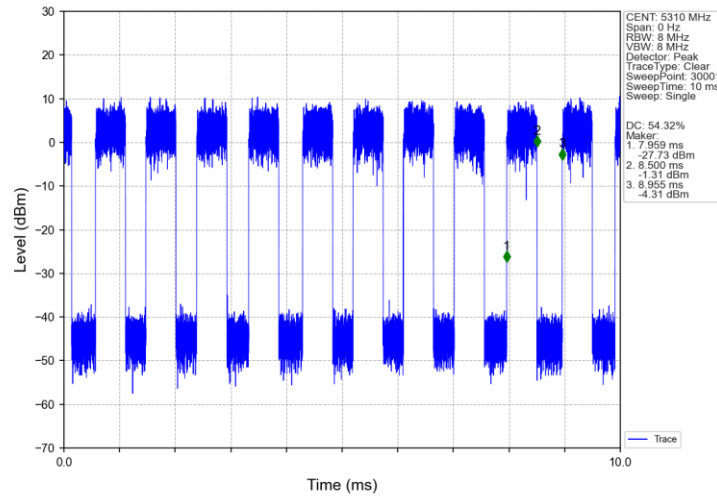
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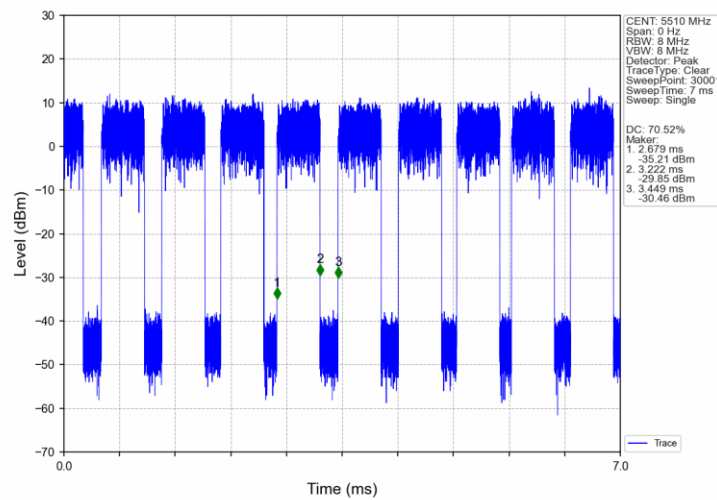
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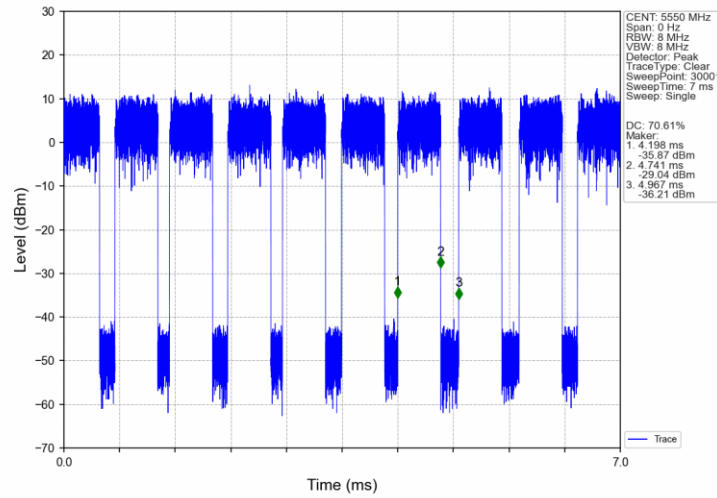
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



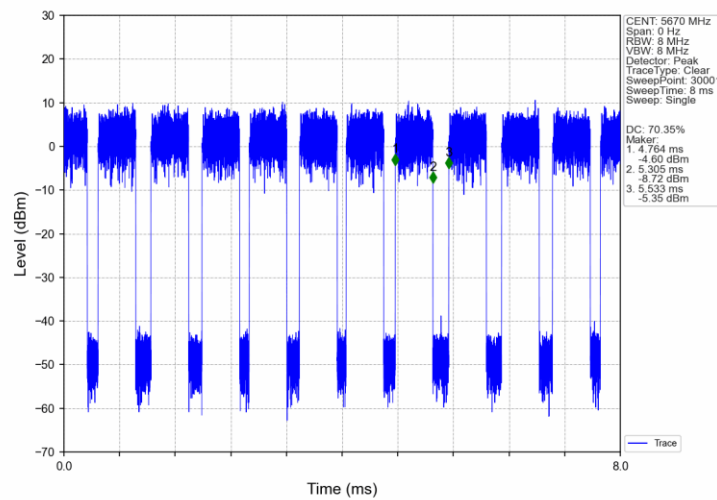
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



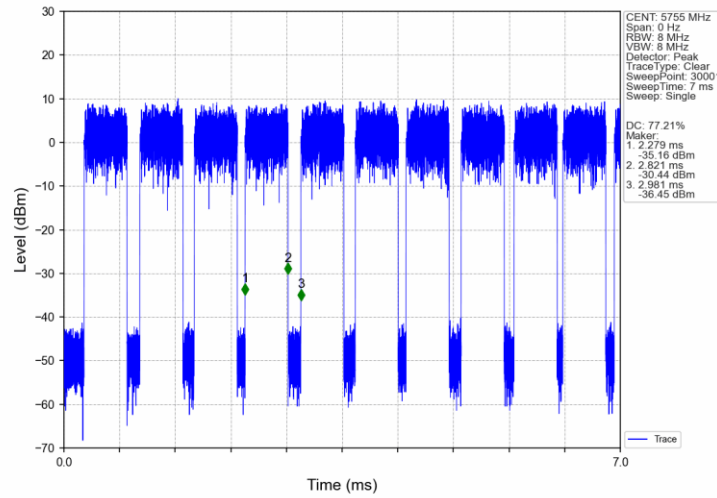
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



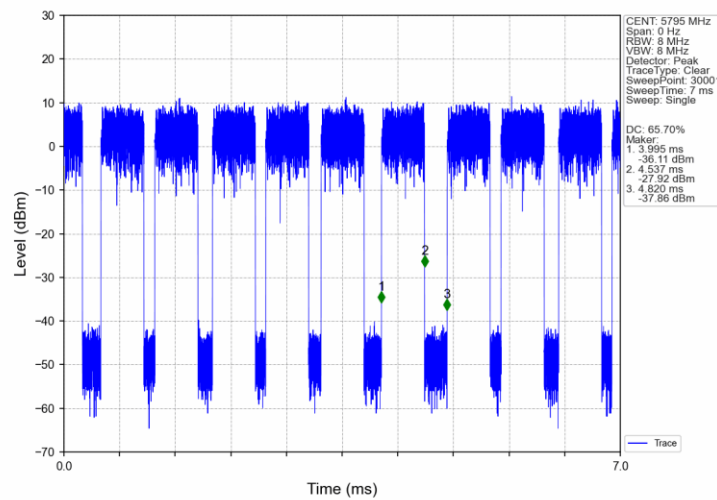
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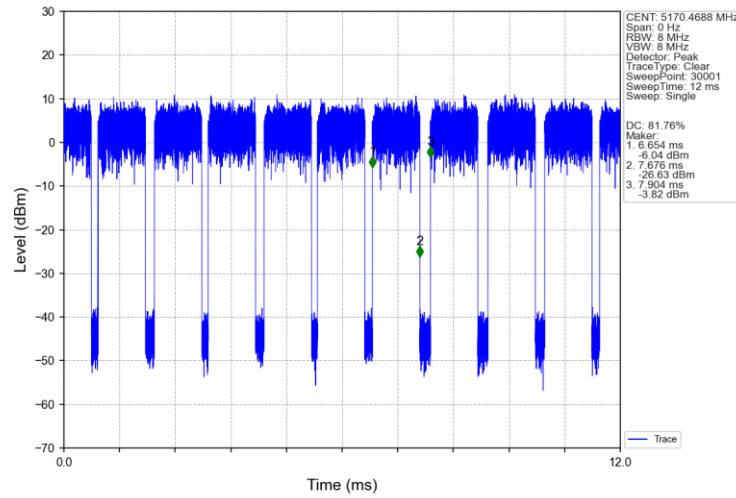
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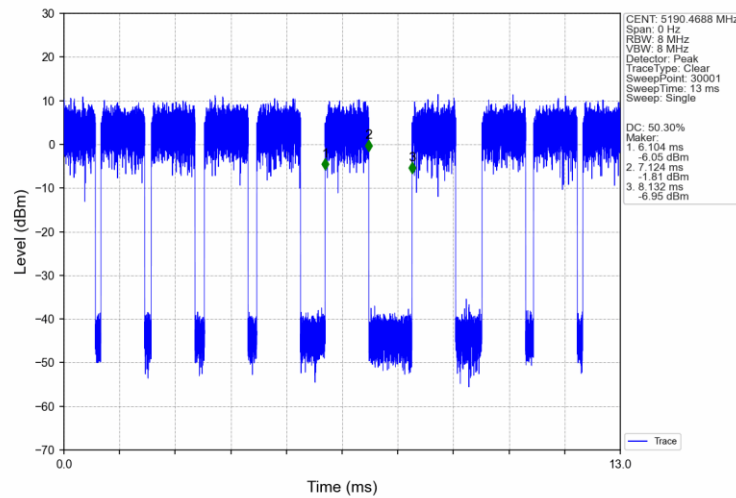
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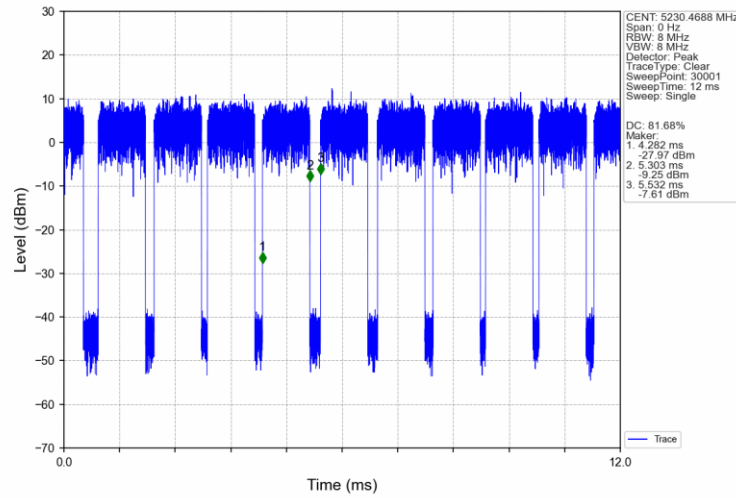
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



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



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



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

