

Appendix Test Data for 5G WIFI

1. Duty Cycle

1.1 Test Result

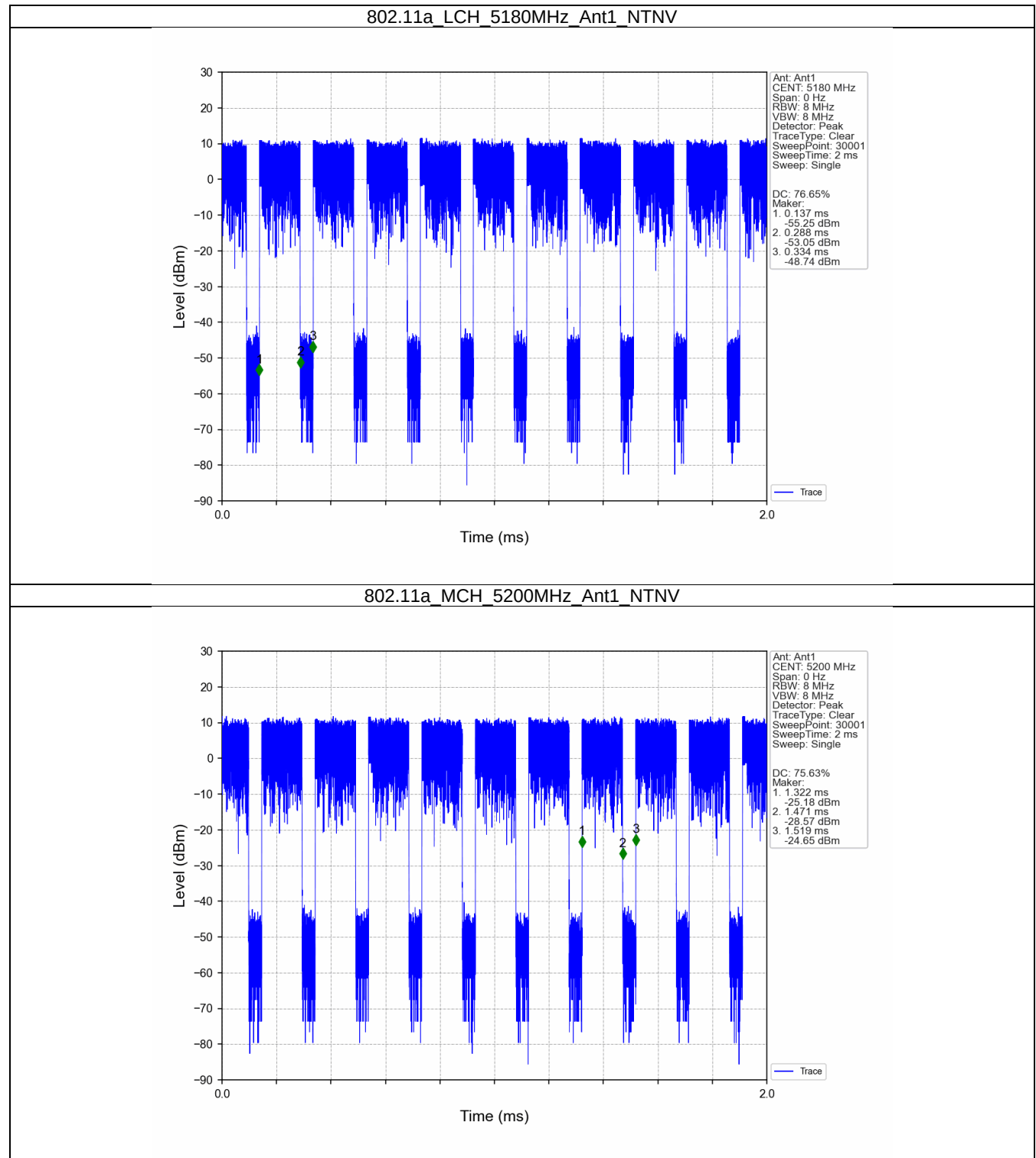
1.1.1 Ant1

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	/	/	0.151	0.197	76.65	1.15	0.95
		5200	/	/	0.149	0.197	75.63	1.21	0.52
		5240	/	/	0.149	0.197	75.63	1.21	0.48
		5260	/	/	0.151	0.197	76.65	1.15	0.94
		5300	/	/	0.149	0.197	75.63	1.21	0.94
		5320	/	/	0.148	0.197	75.13	1.24	0.94
		5500	/	/	0.149	0.197	75.63	1.21	0.62
		5580	/	/	0.148	0.197	75.13	1.24	0.69
		5700	/	/	0.148	0.197	75.13	1.24	0.81
		5745	/	/	0.146	0.197	74.11	1.30	0.63
		5785	/	/	0.148	0.197	75.13	1.24	0.48
		5825	/	/	0.149	0.197	75.63	1.21	0.95
802.11n (HT20)	SISO	5180	/	/	0.177	0.225	78.67	1.04	0.66
		5200	/	/	0.177	0.225	78.67	1.04	0.84
		5240	/	/	0.177	0.225	78.67	1.04	0.71
		5260	/	/	0.179	0.225	79.56	0.99	0.68
		5300	/	/	0.179	0.226	79.20	1.01	0.98
		5320	/	/	0.177	0.225	78.67	1.04	0.71
		5500	/	/	0.176	0.225	78.22	1.07	0.81
		5580	/	/	0.176	0.225	78.22	1.07	1.02
		5700	/	/	0.177	0.225	78.67	1.04	0.61
		5745	/	/	0.176	0.225	78.22	1.07	0.71
		5785	/	/	0.176	0.224	78.57	1.05	0.83
		5825	/	/	0.176	0.224	78.57	1.05	0.48
802.11n (HT40)	SISO	5190	/	/	0.183	0.228	80.26	0.95	0.24
		5230	/	/	0.180	0.227	79.30	1.01	0.55
		5270	/	/	0.182	0.228	79.82	0.98	0.67
		5310	/	/	0.182	0.228	79.82	0.98	0.58
		5510	/	/	0.183	0.229	79.91	0.97	0.76
		5550	/	/	0.181	0.228	79.39	1.00	0.33
		5670	/	/	0.180	0.228	78.95	1.03	0.66
		5755	/	/	0.180	0.229	78.60	1.05	0.63
		5795	/	/	0.182	0.228	79.82	0.98	0.63
		5825	/	/	0.182	0.228	79.82	0.98	0.63
802.11ac (VHT20)	SISO	5180	/	/	0.164	0.213	77.00	1.14	0.68
		5200	/	/	0.165	0.214	77.10	1.13	1.25
		5240	/	/	0.165	0.213	77.46	1.11	0.50
		5260	/	/	0.165	0.213	77.46	1.11	0.99
		5300	/	/	0.165	0.214	77.10	1.13	1.31
		5320	/	/	0.164	0.214	76.64	1.16	1.12
		5500	/	/	0.165	0.213	77.46	1.11	0.73
		5580	/	/	0.164	0.212	77.36	1.11	0.74
		5700	/	/	0.164	0.213	77.00	1.14	1.12
		5745	/	/	0.165	0.213	77.46	1.11	0.71
		5785	/	/	0.165	0.213	77.46	1.11	0.87
		5825	/	/	0.165	0.214	77.10	1.13	0.94
802.11ac	SISO	5190	/	/	0.156	0.204	76.47	1.17	0.58

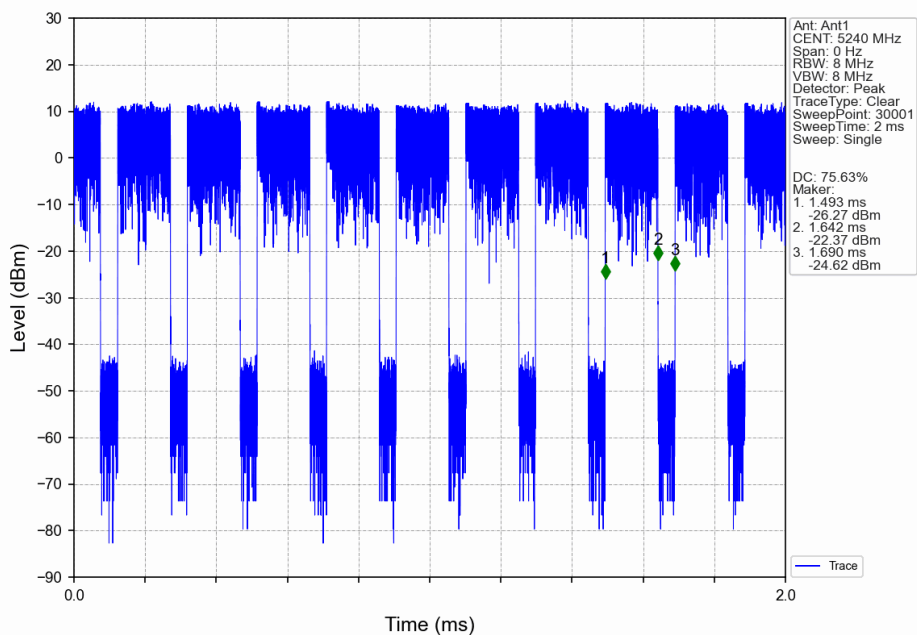
(VHT40)		5230	/	/	0.156	0.204	76.47	1.17	0.36
		5270	/	/	0.156	0.205	76.10	1.19	0.79
		5310	/	/	0.157	0.205	76.59	1.16	0.60
		5510	/	/	0.156	0.204	76.47	1.17	0.57
		5550	/	/	0.156	0.205	76.10	1.19	0.88
		5670	/	/	0.157	0.204	76.96	1.14	0.50
		5755	/	/	0.159	0.204	77.94	1.08	0.46
		5795	/	/	0.157	0.205	76.59	1.16	0.88
802.11ax (HEW20)	SISO	5180	SU	/	0.175	0.224	78.13	1.07	0.77
		5200	SU	/	0.175	0.224	78.13	1.07	0.74
		5240	SU	/	0.175	0.223	78.48	1.05	0.27
		5260	SU	/	0.175	0.224	78.13	1.07	0.29
		5300	SU	/	0.175	0.224	78.13	1.07	0.31
		5320	SU	/	0.175	0.225	77.78	1.09	0.83
		5500	SU	/	0.176	0.224	78.57	1.05	0.84
		5580	SU	/	0.175	0.224	78.13	1.07	0.47
		5700	SU	/	0.175	0.224	78.13	1.07	0.62
		5745	SU	/	0.174	0.224	77.68	1.10	0.44
		5785	SU	/	0.096	0.144	66.67	1.76	12.17
		5825	SU	/	0.085	0.132	64.39	1.91	35.97
802.11ax (HEW40)	SISO	5190	SU	/	0.171	0.220	77.73	1.09	0.81
		5230	SU	/	0.173	0.220	78.64	1.04	0.80
		5270	SU	/	0.173	0.220	78.64	1.04	0.48
		5310	SU	/	0.171	0.221	77.38	1.11	0.69
		5510	SU	/	0.171	0.219	78.08	1.07	0.30
		5550	SU	/	0.171	0.220	77.73	1.09	0.60
		5670	SU	/	0.170	0.219	77.63	1.10	0.63
		5755	SU	/	0.173	0.220	78.64	1.04	0.99
		5795	SU	/	0.172	0.220	78.18	1.07	0.62

1.2 Test Graph

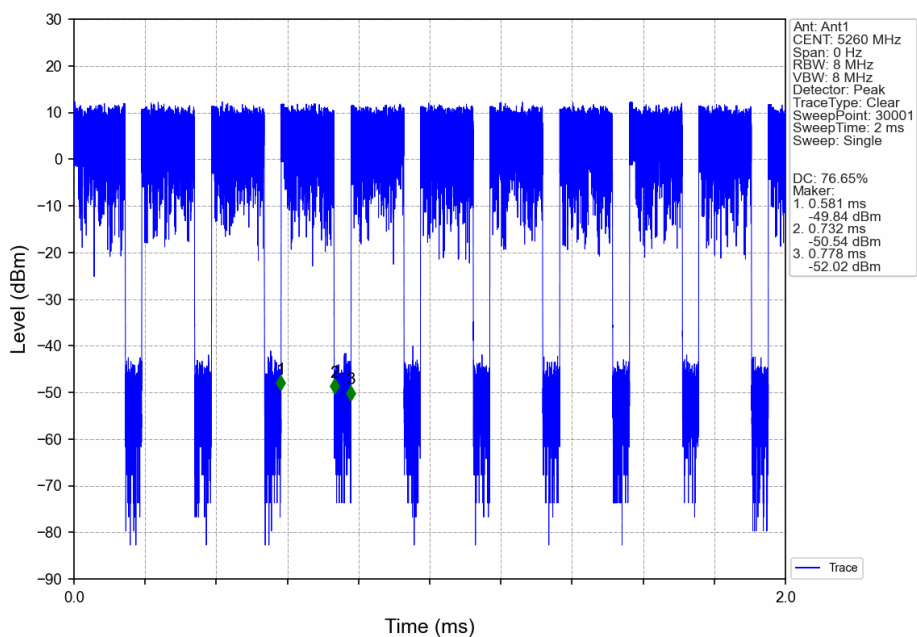
1.2.1 Ant1



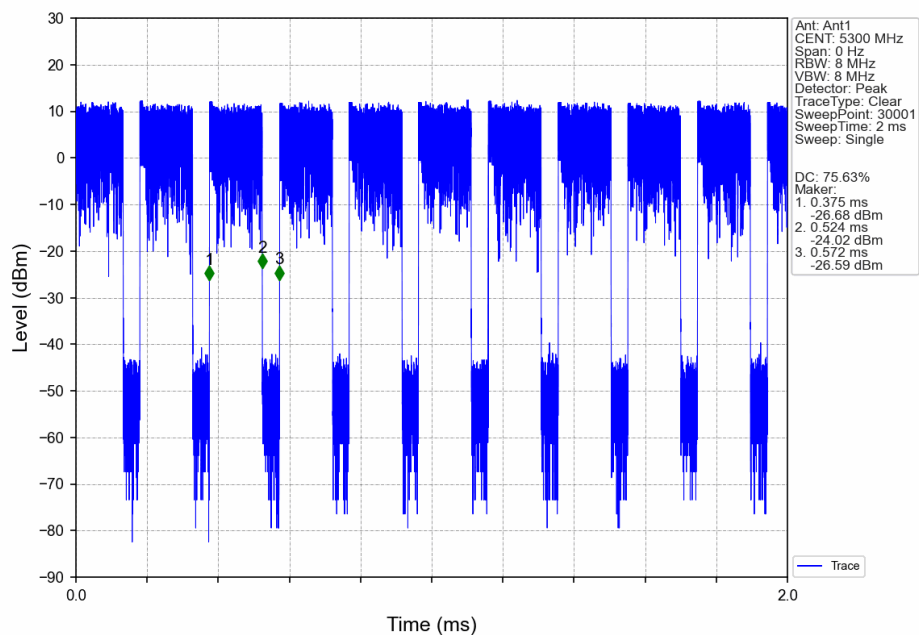
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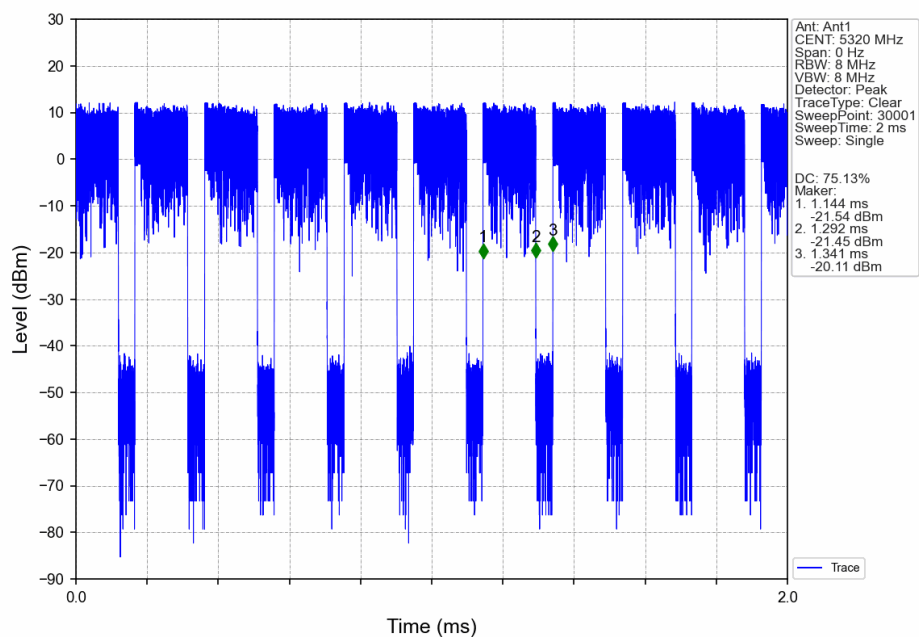
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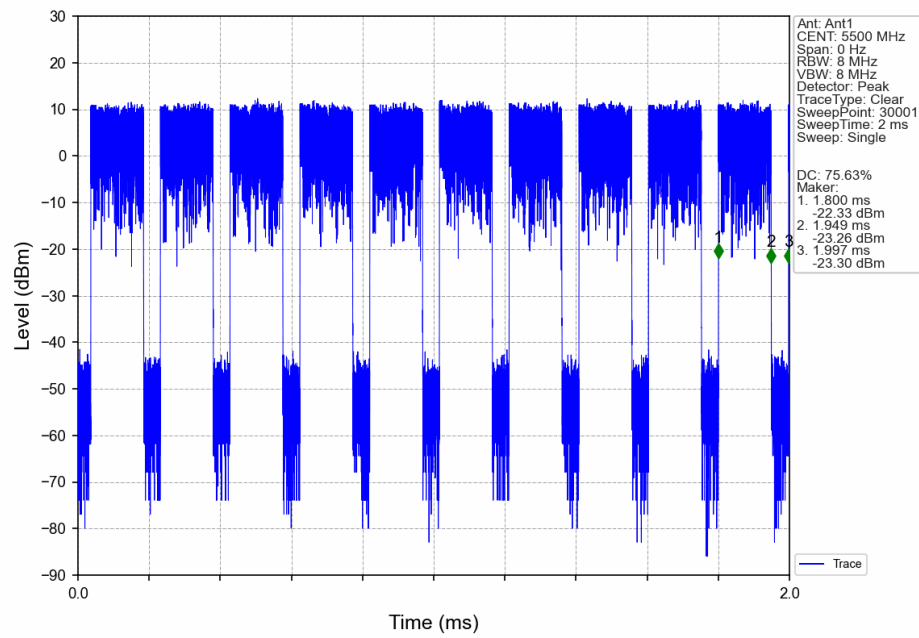
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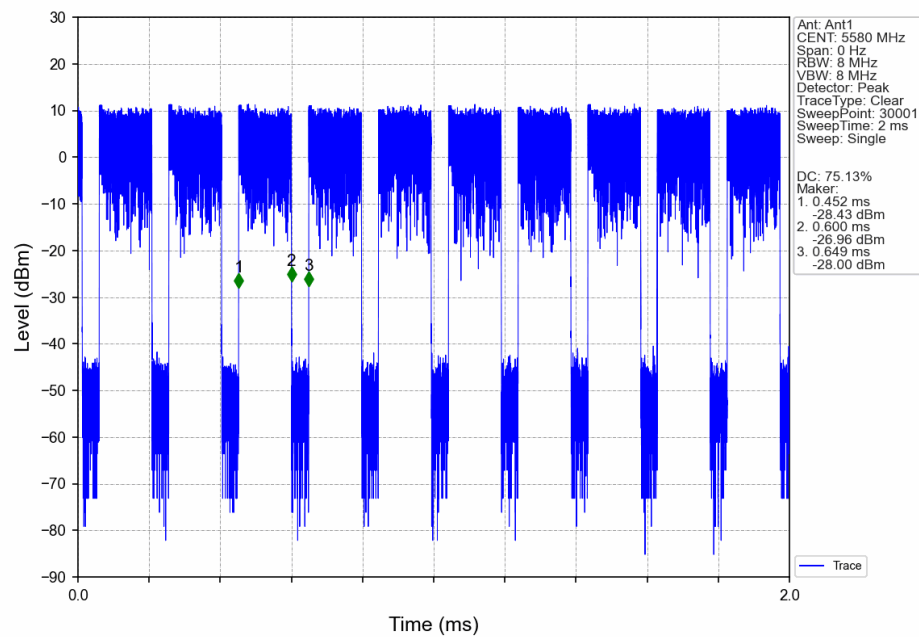
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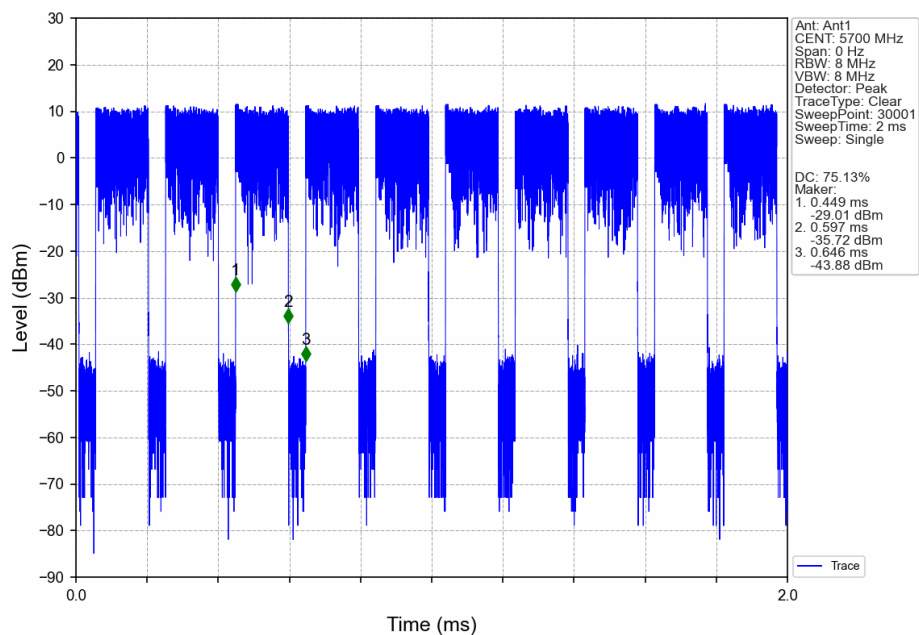
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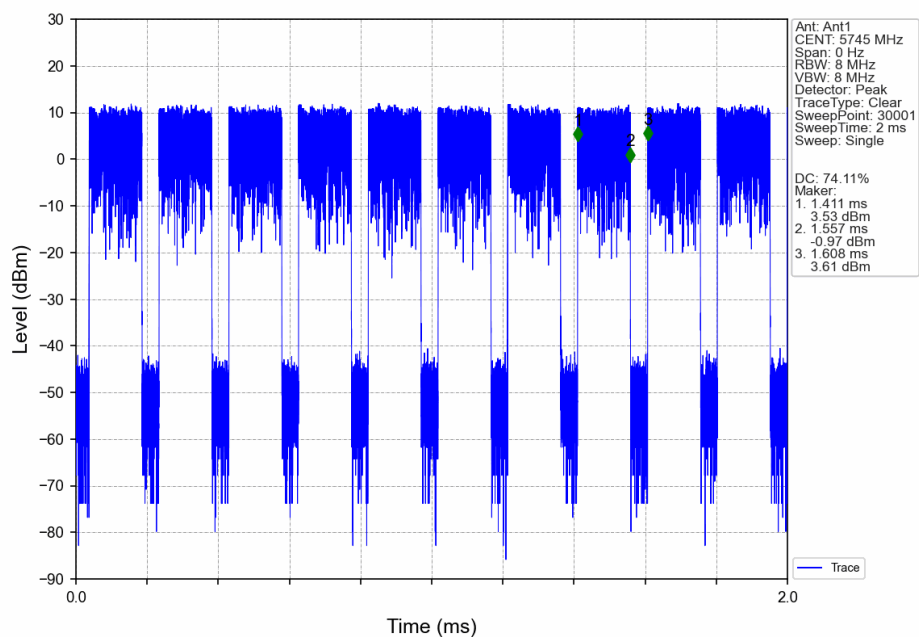
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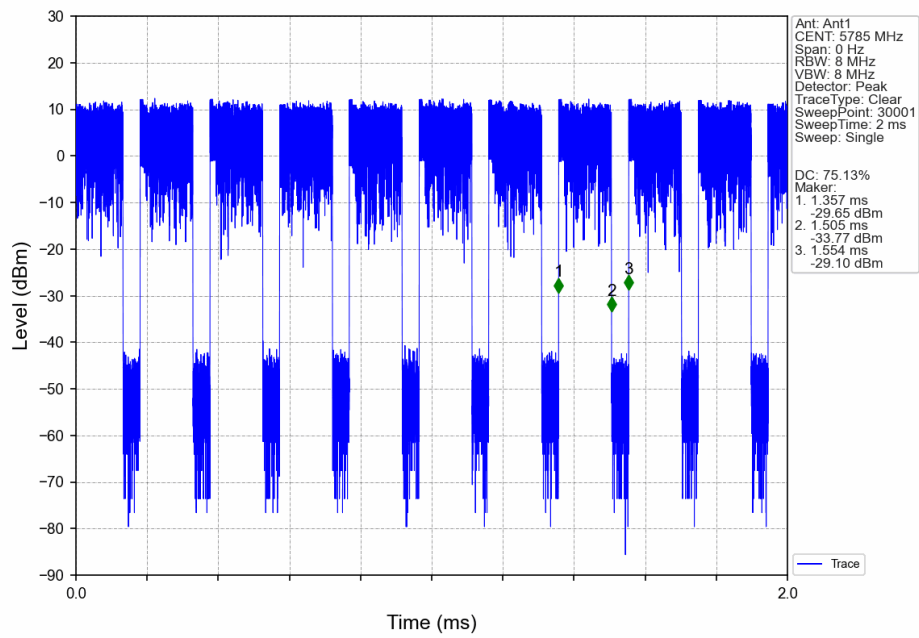
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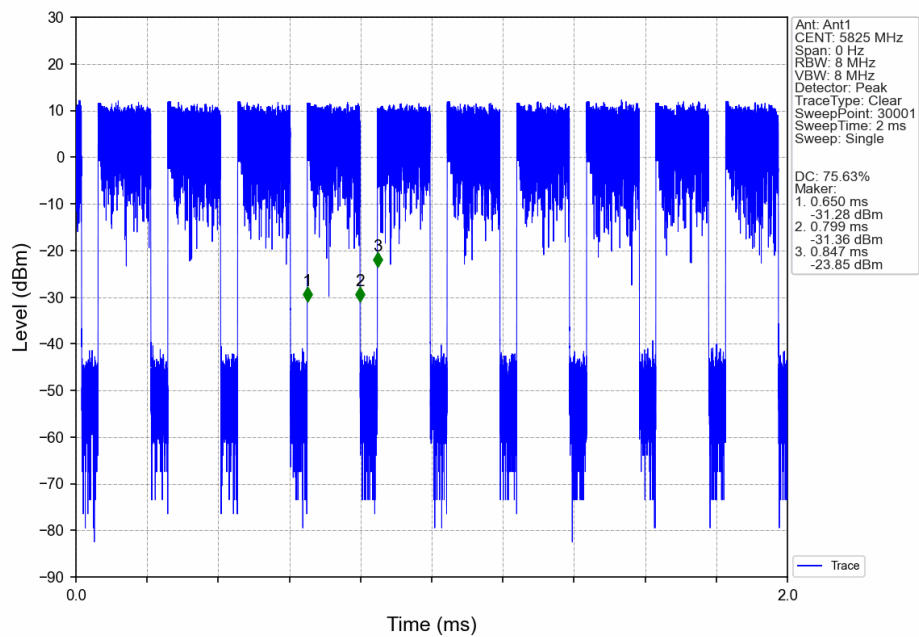
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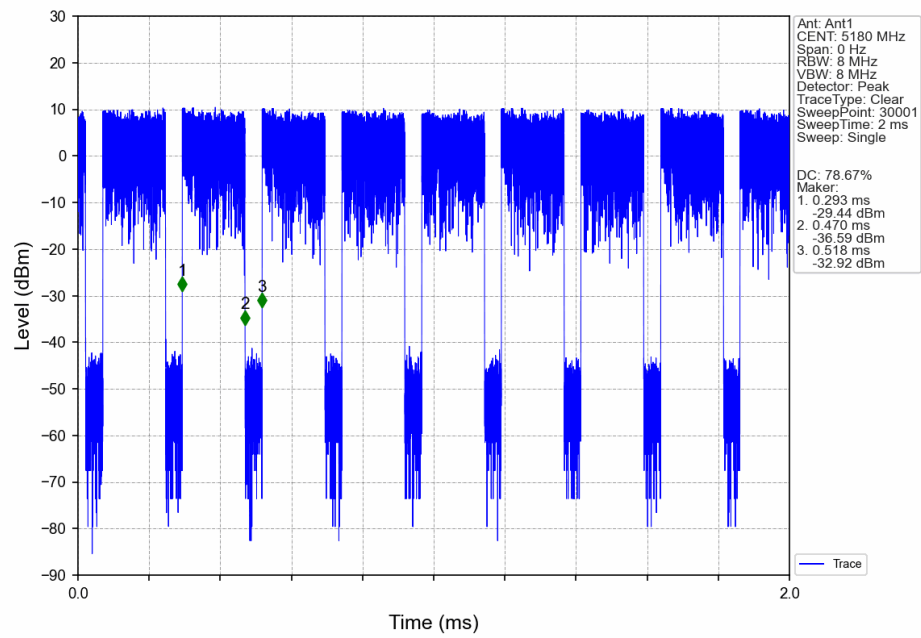
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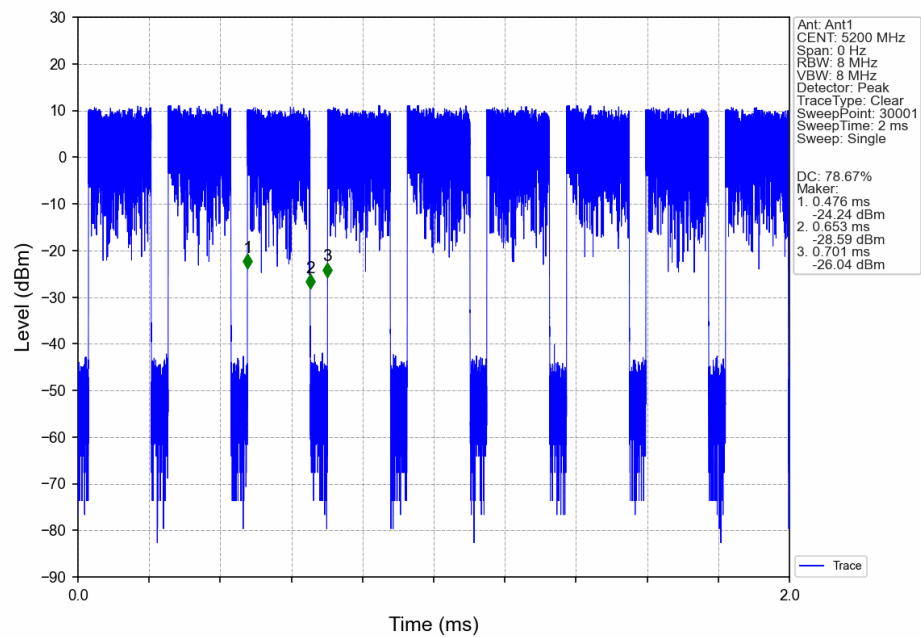
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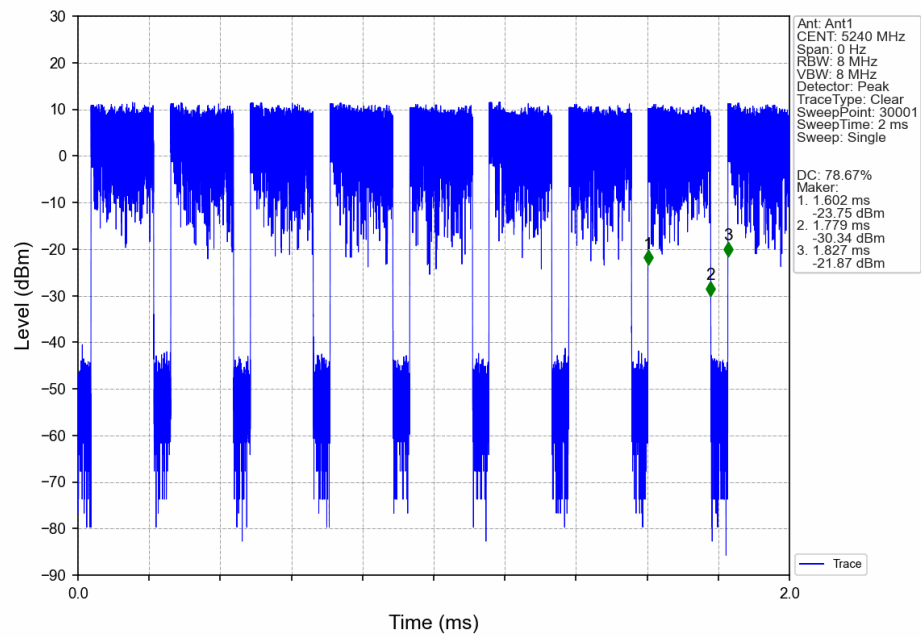
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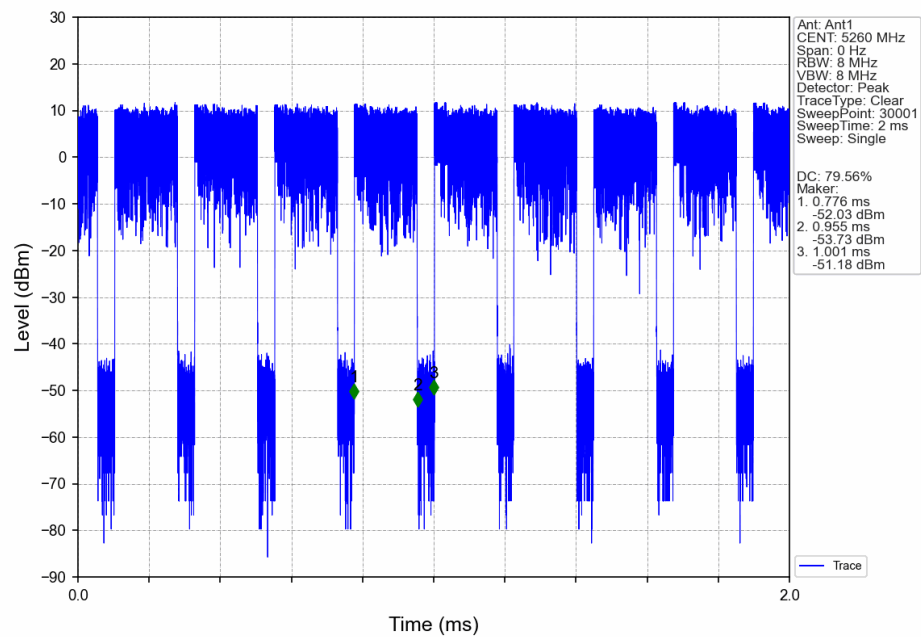
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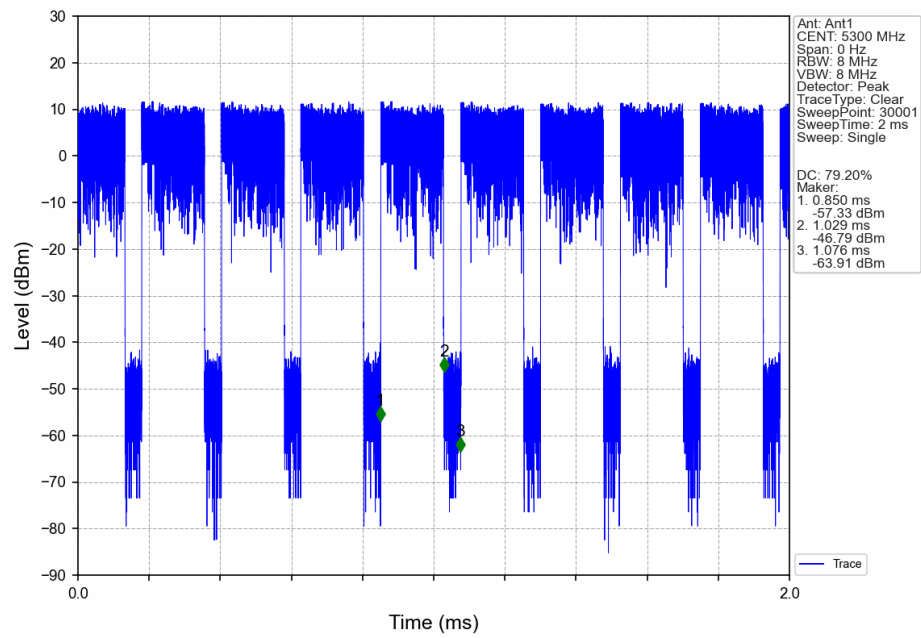
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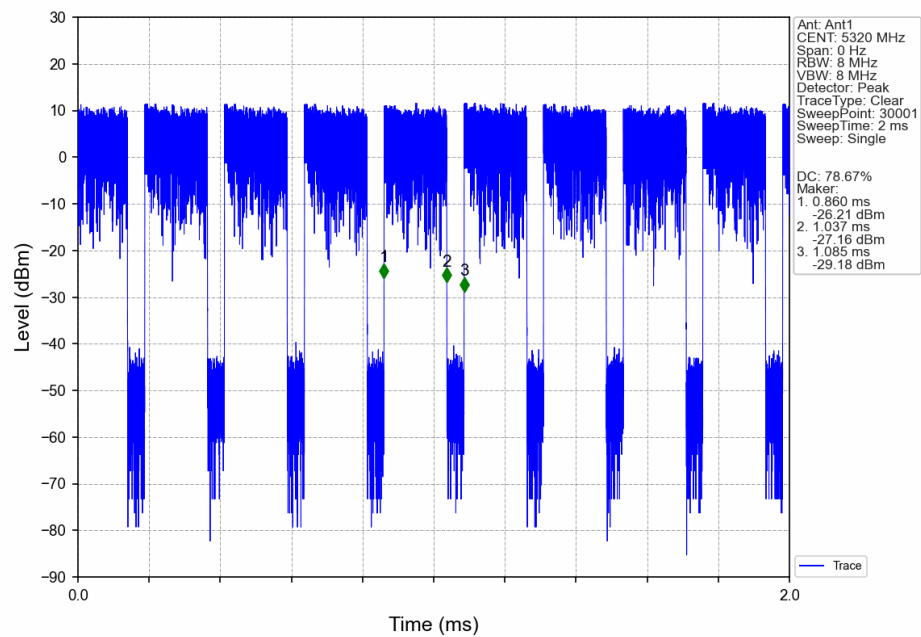
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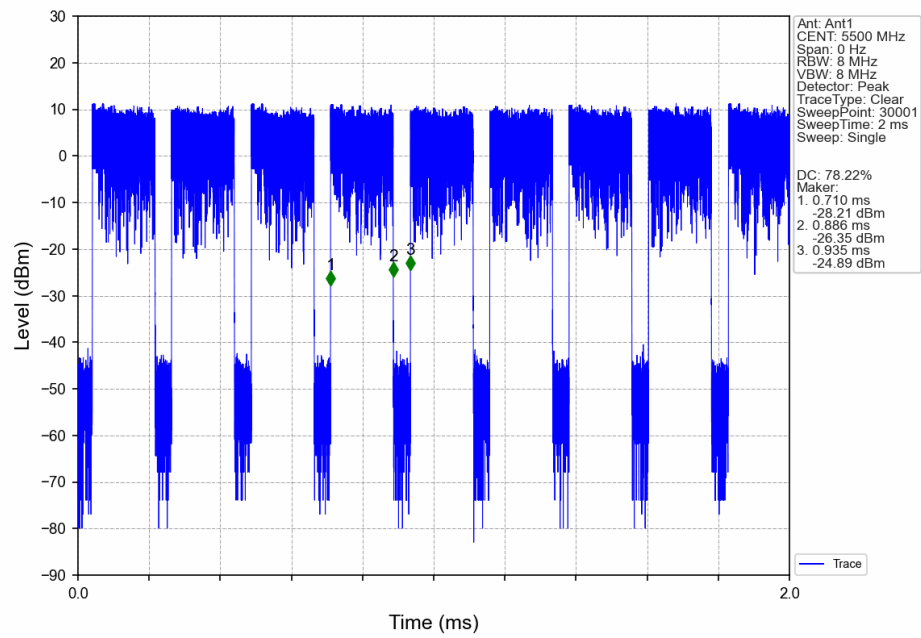
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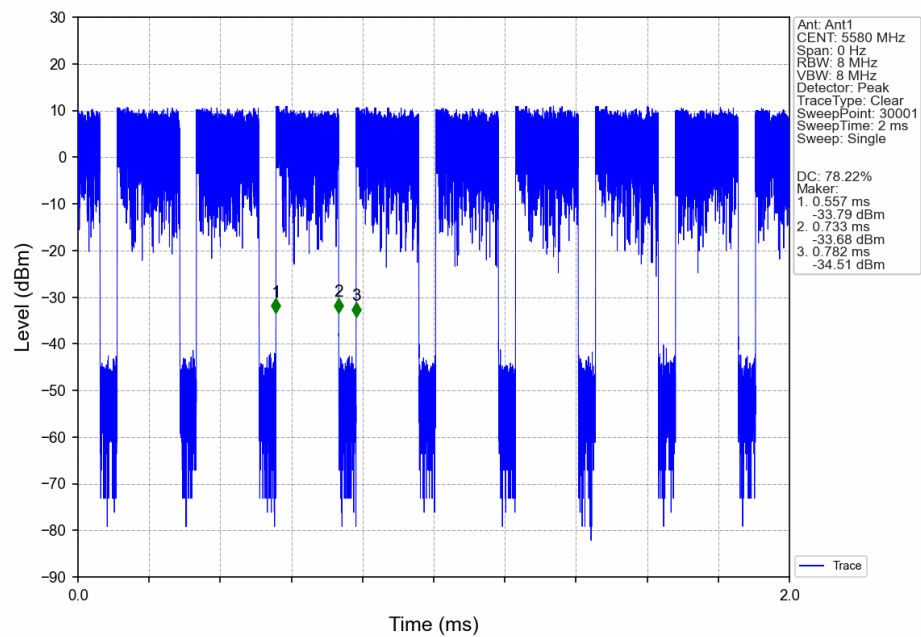
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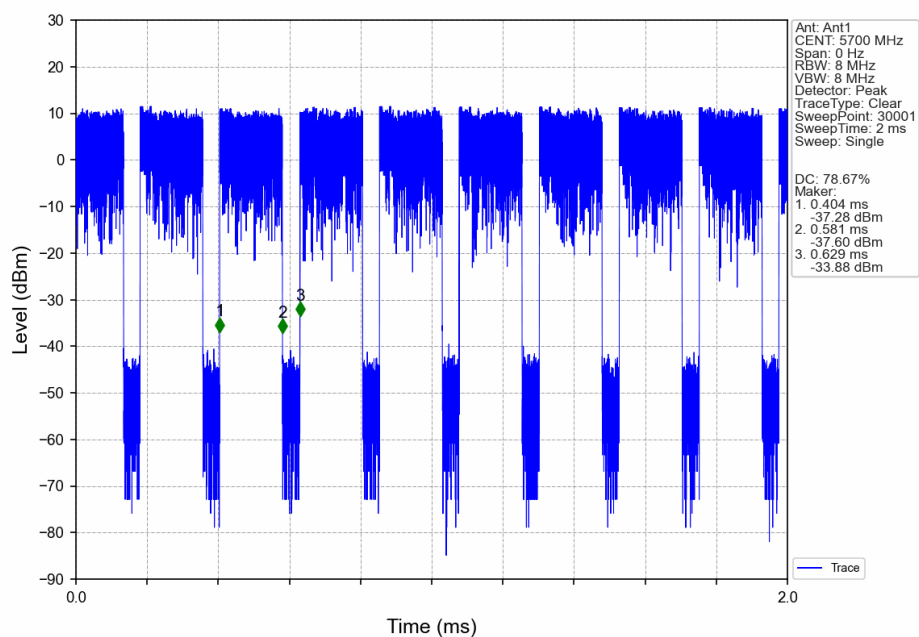
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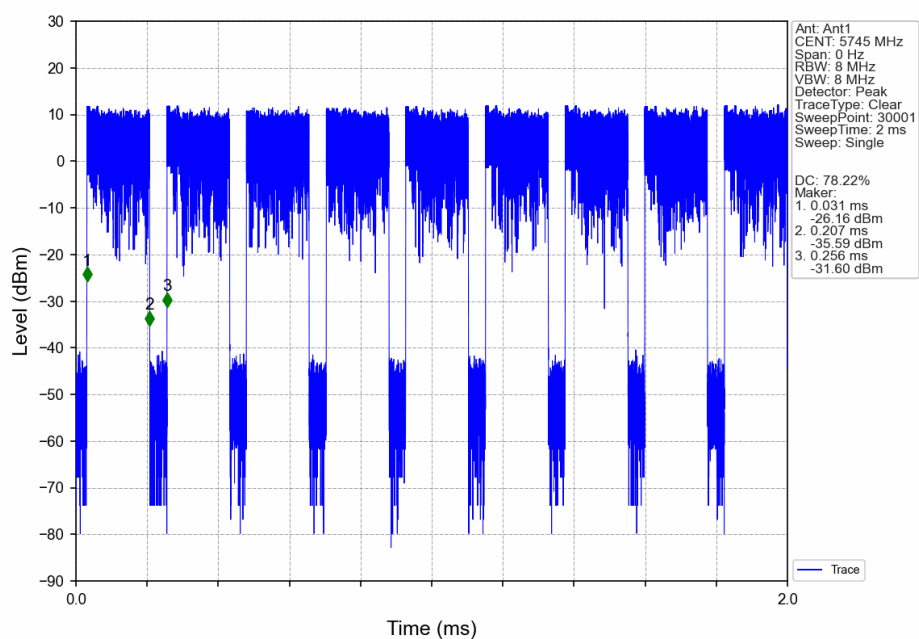
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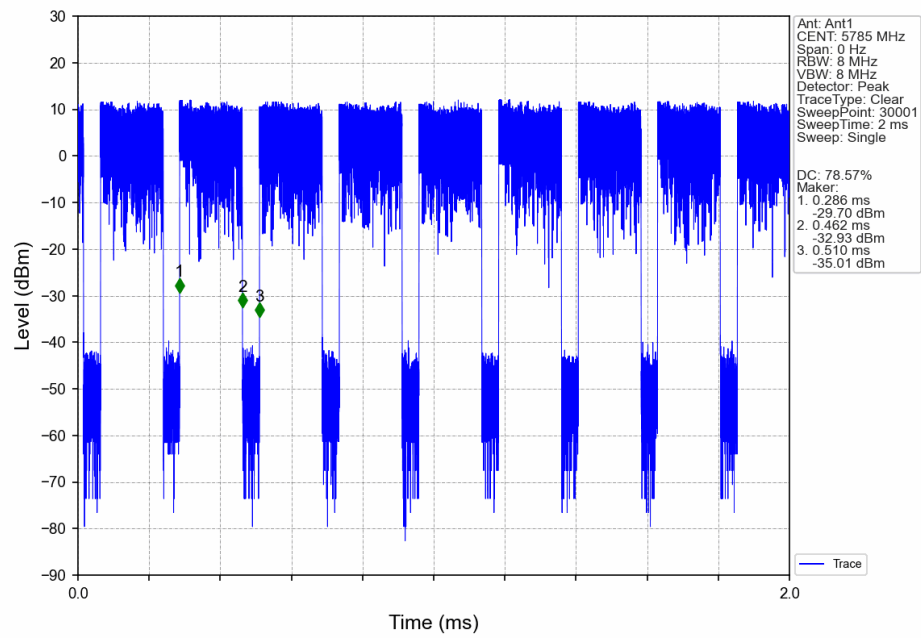
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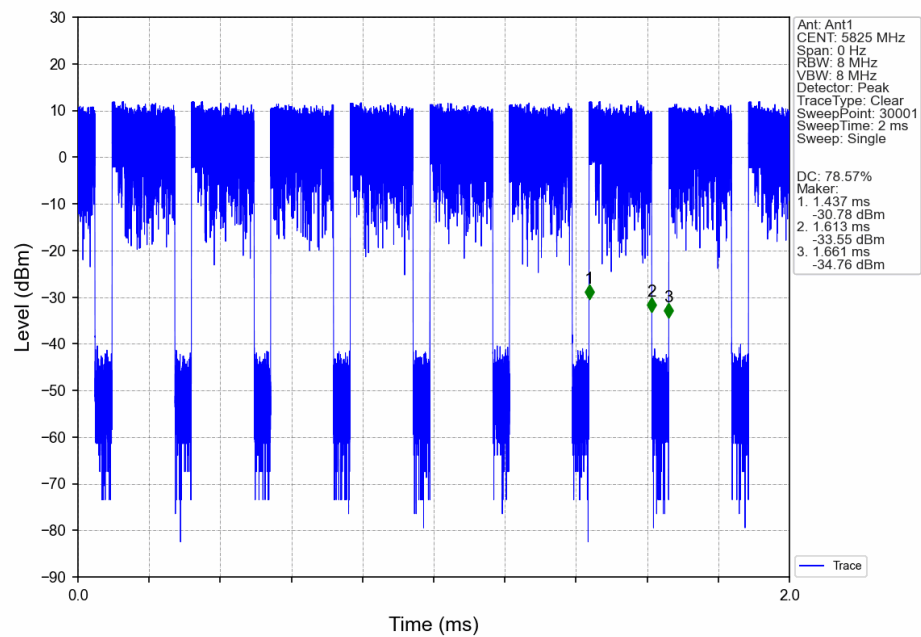
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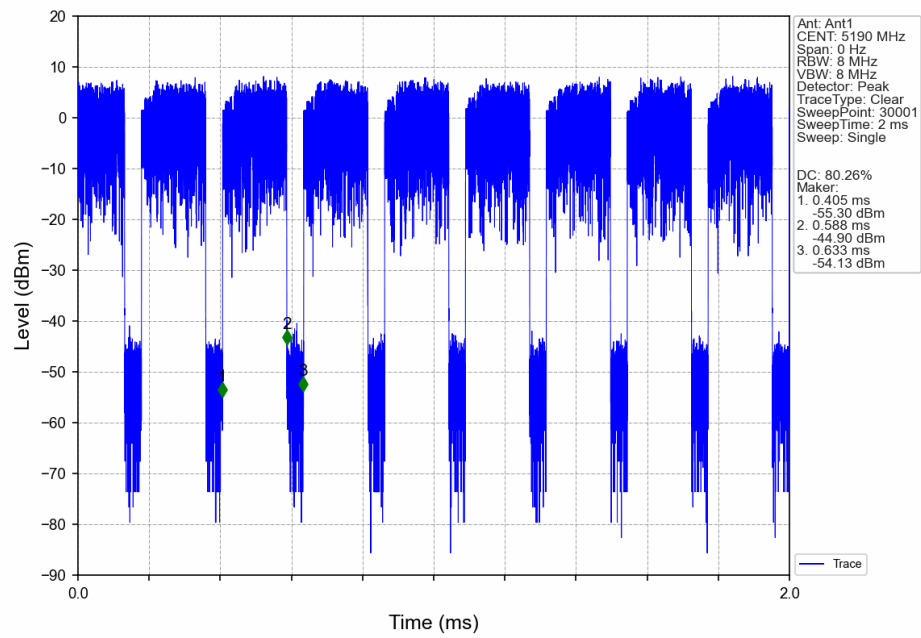
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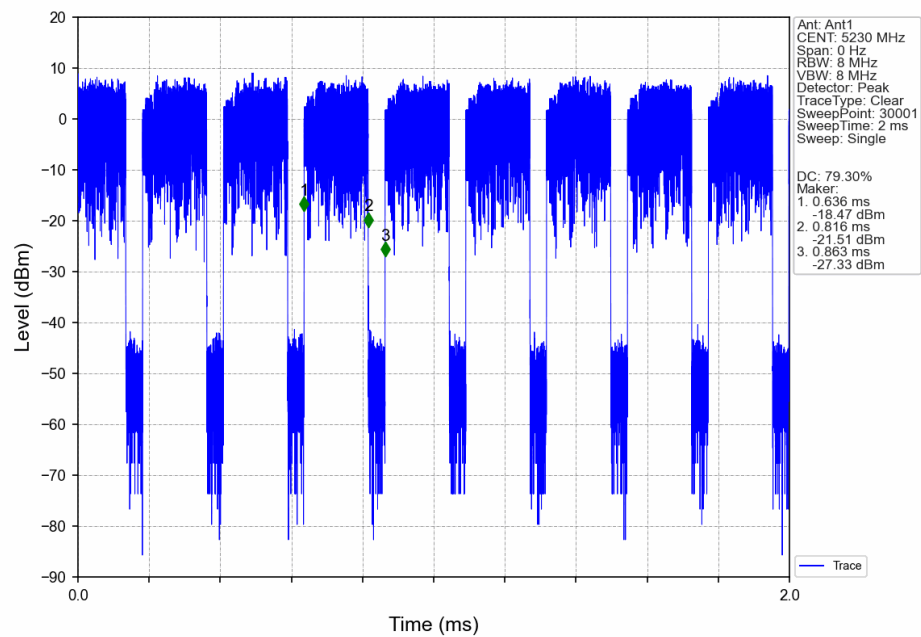
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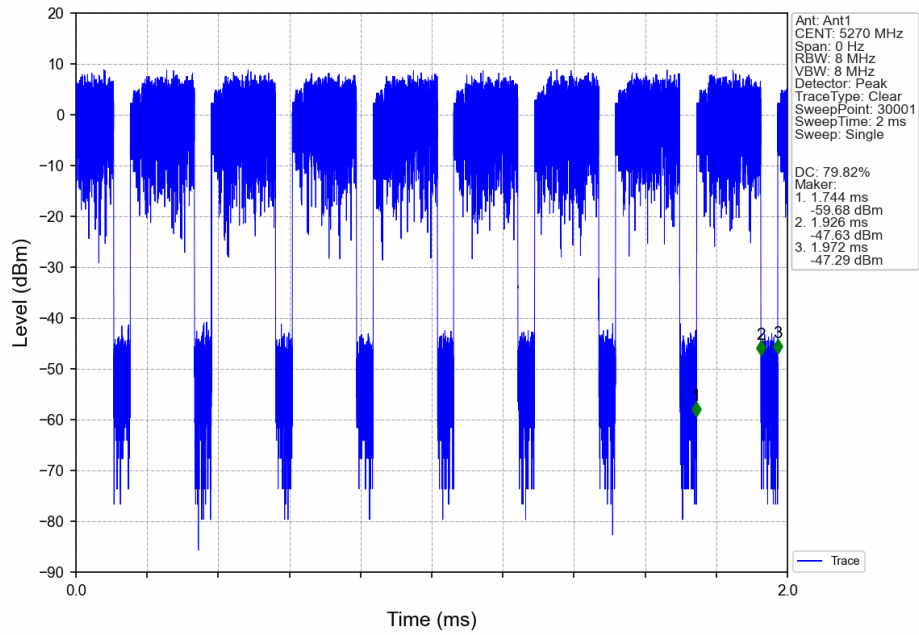
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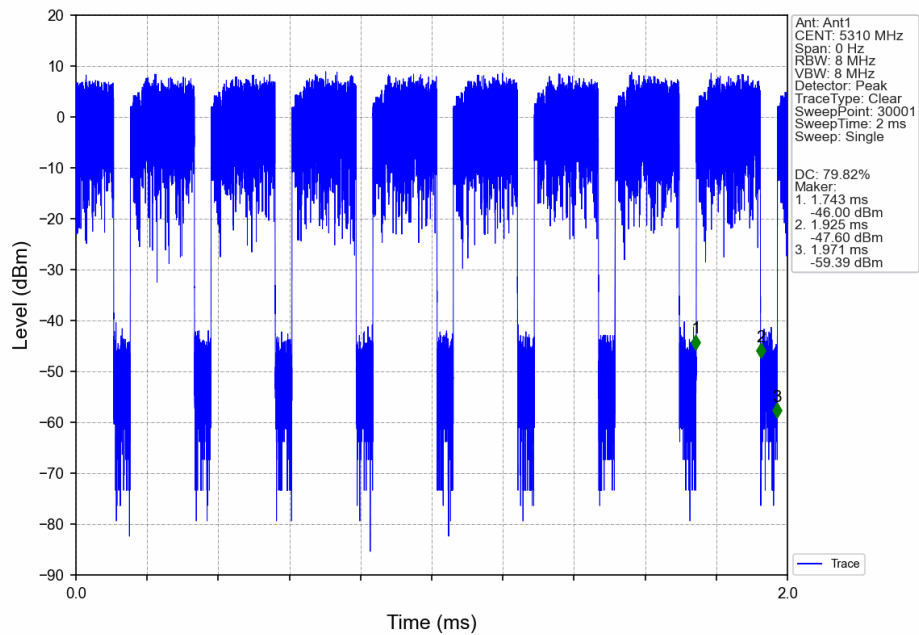
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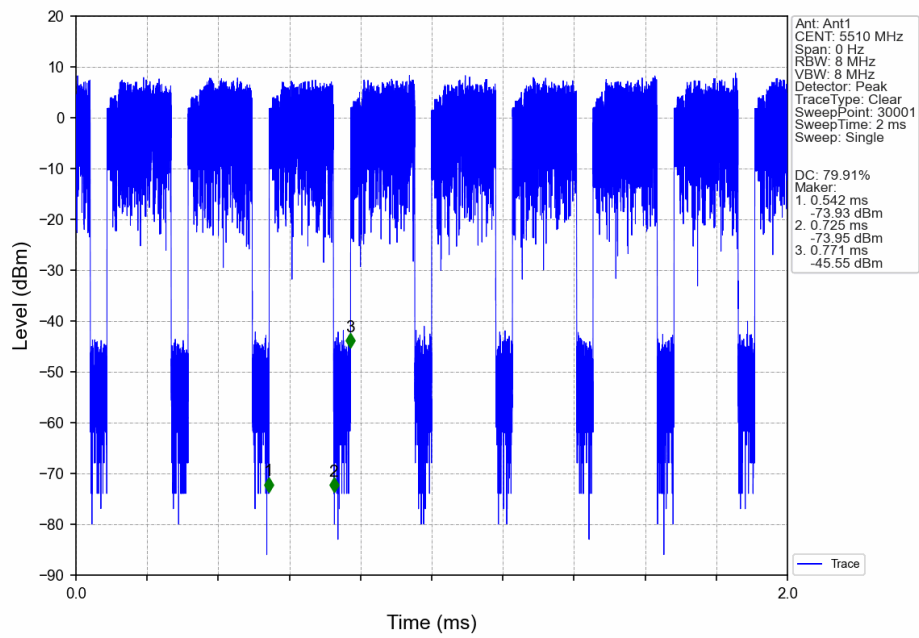
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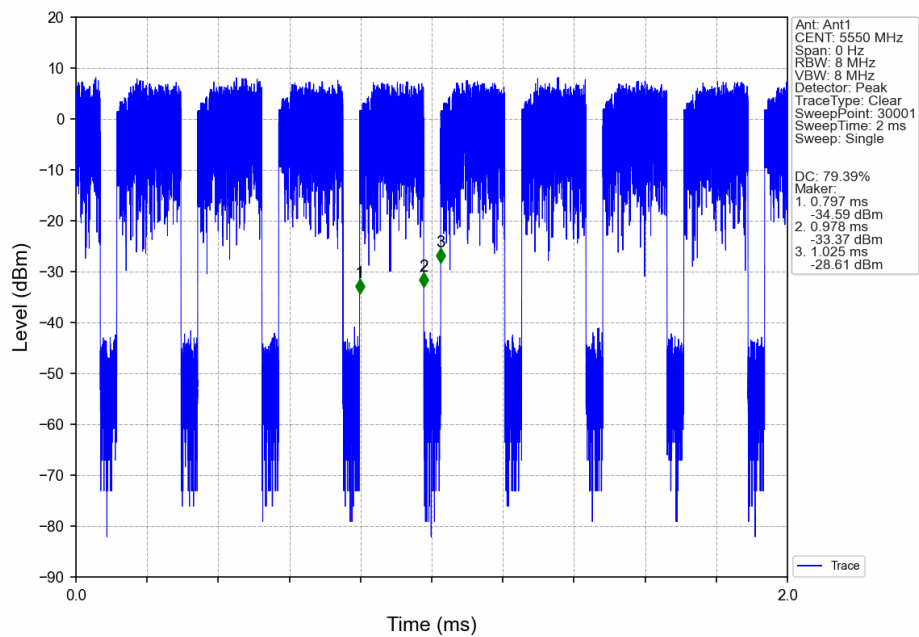
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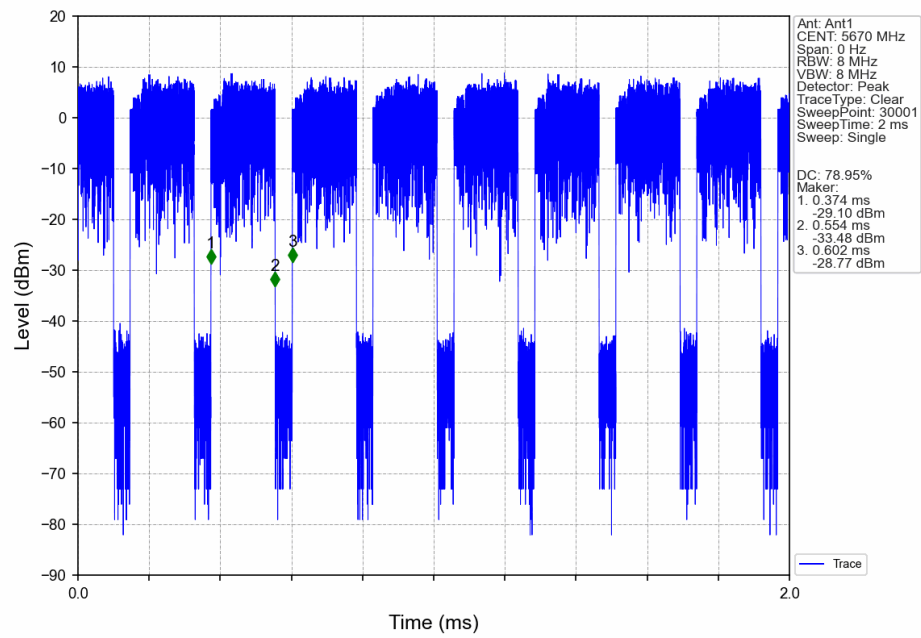
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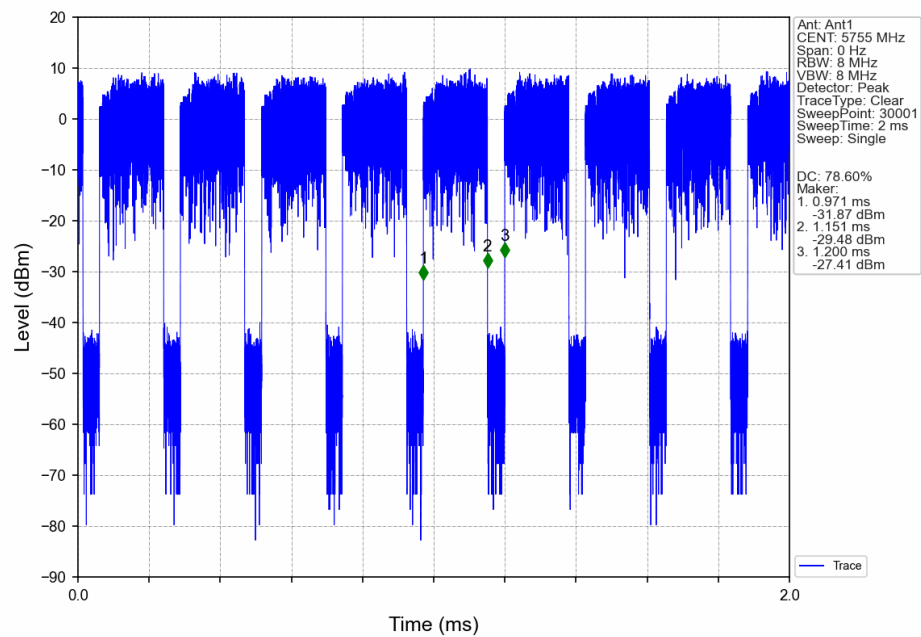
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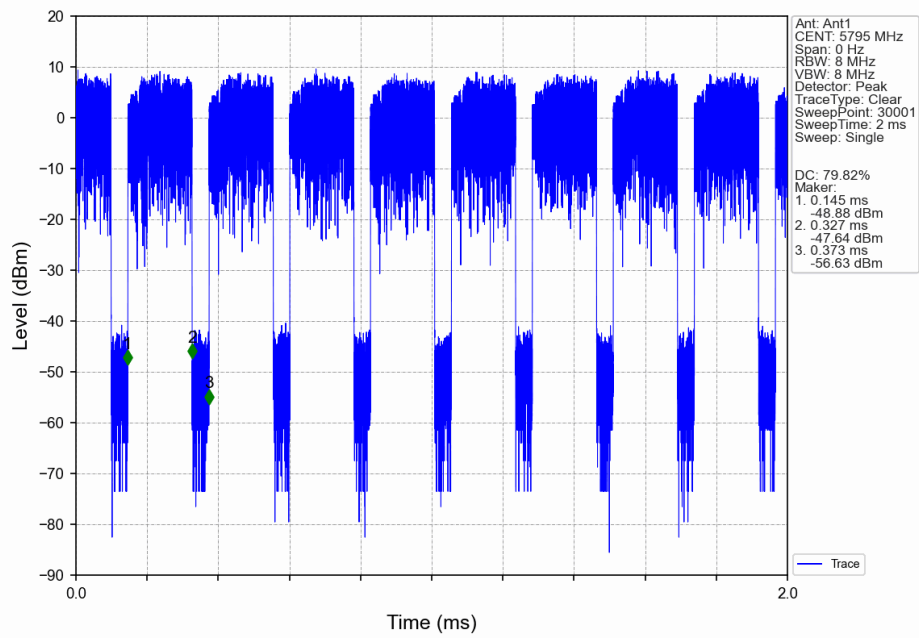
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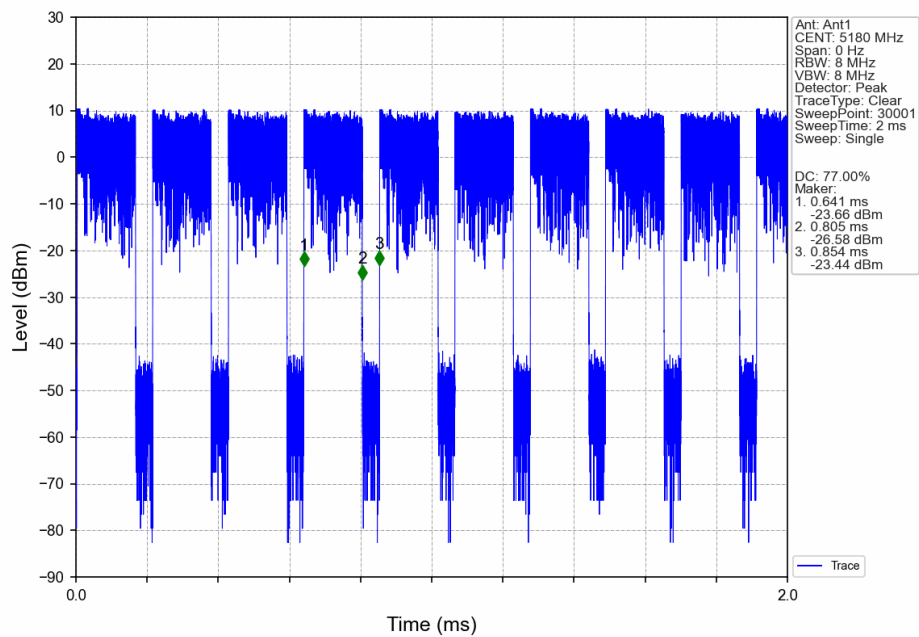
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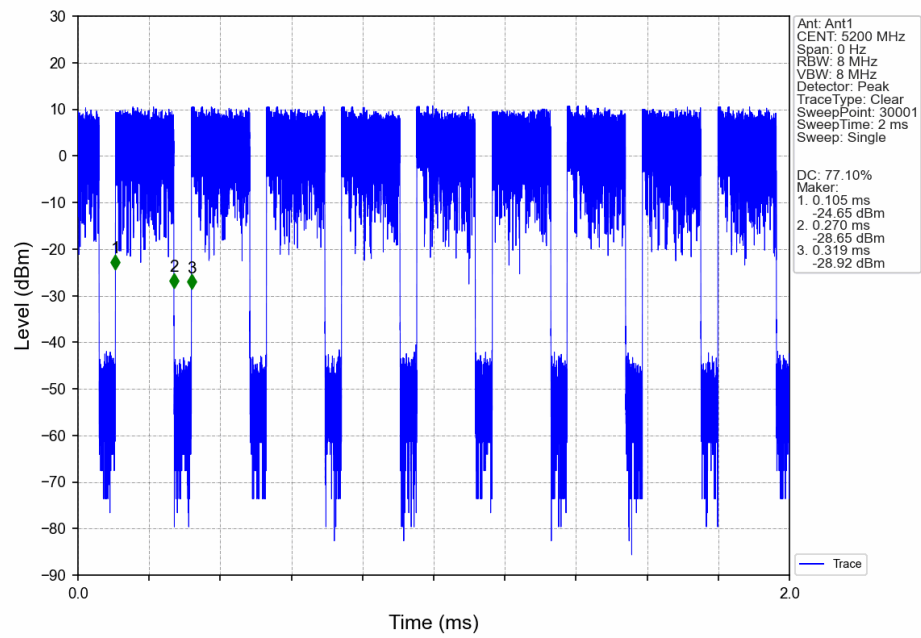
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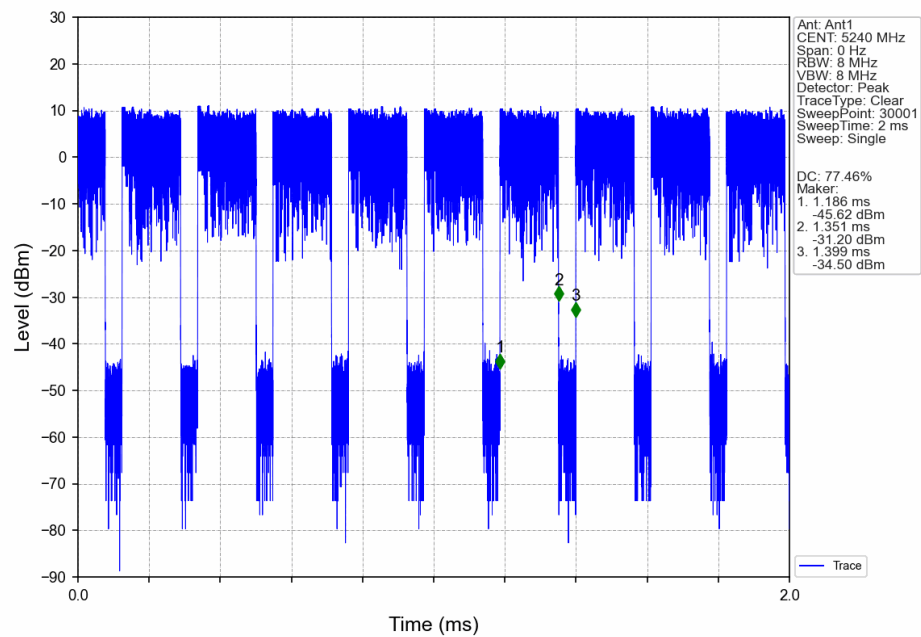
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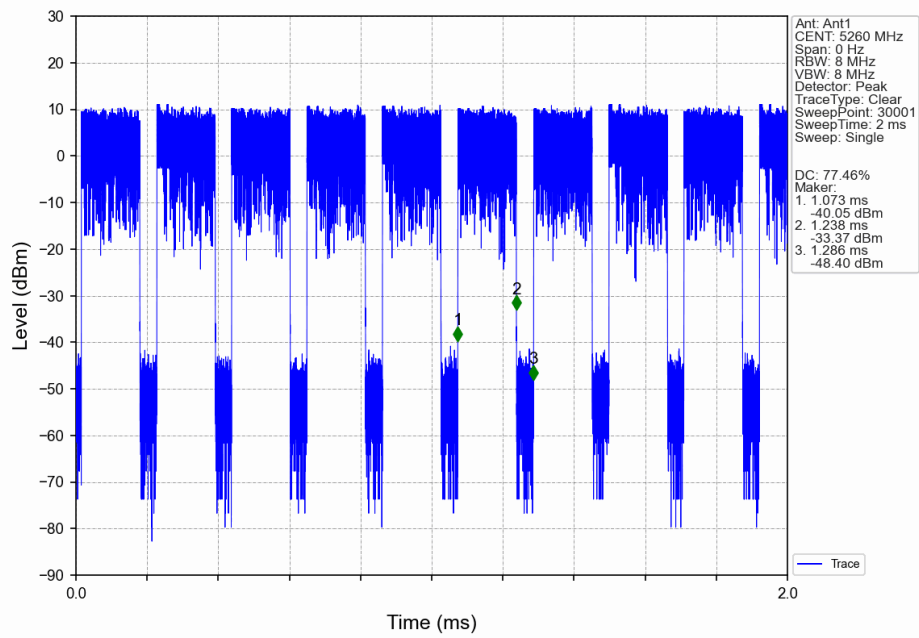
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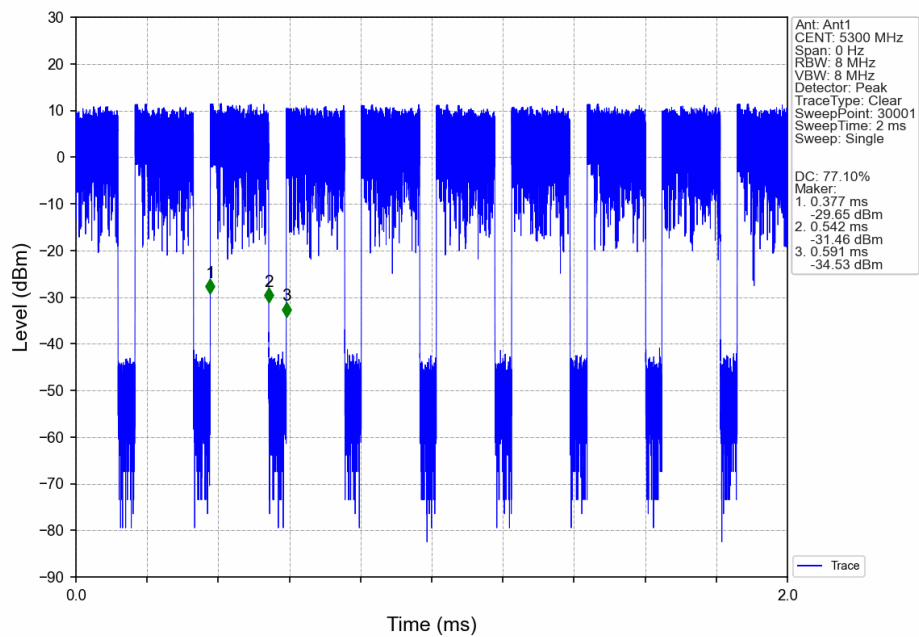
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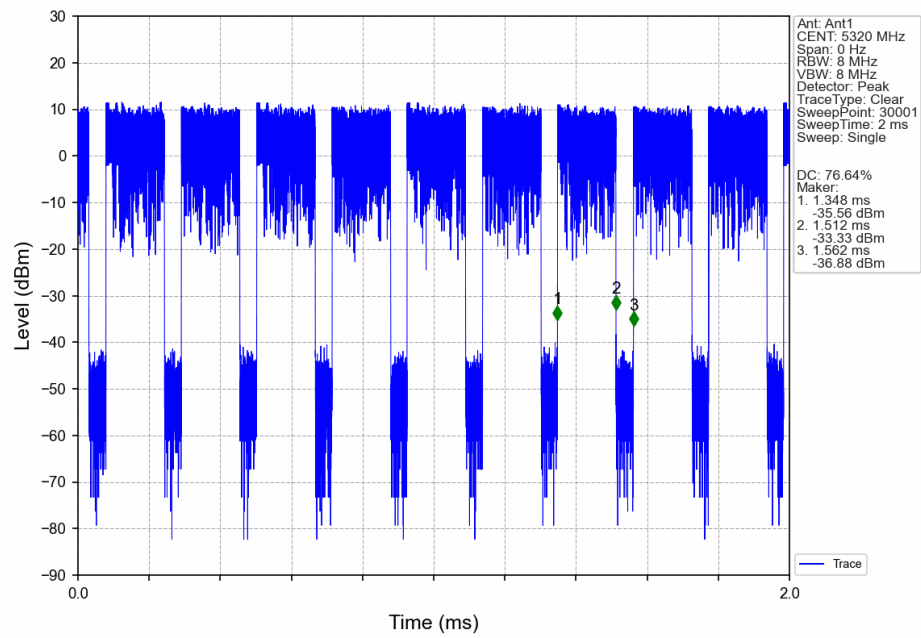
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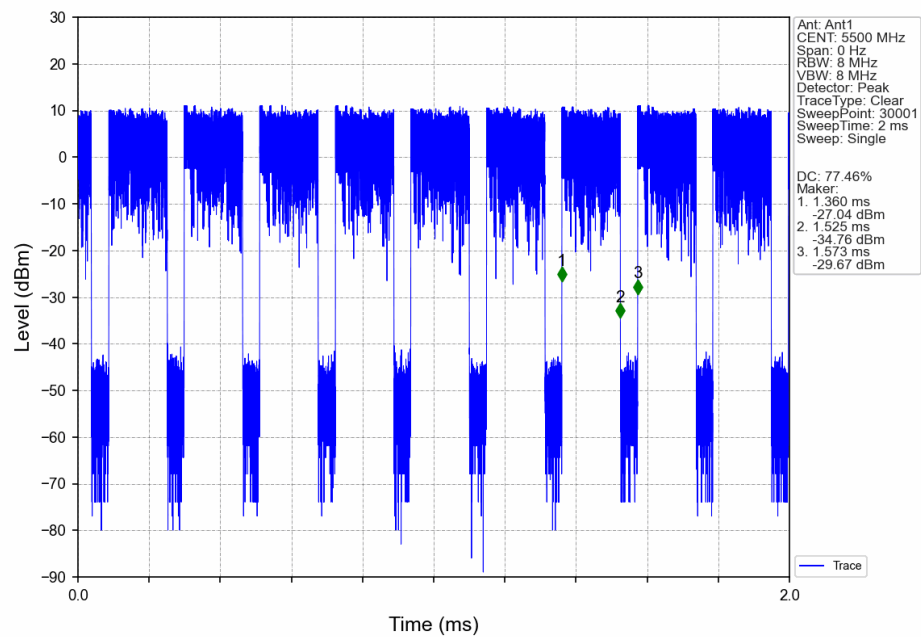
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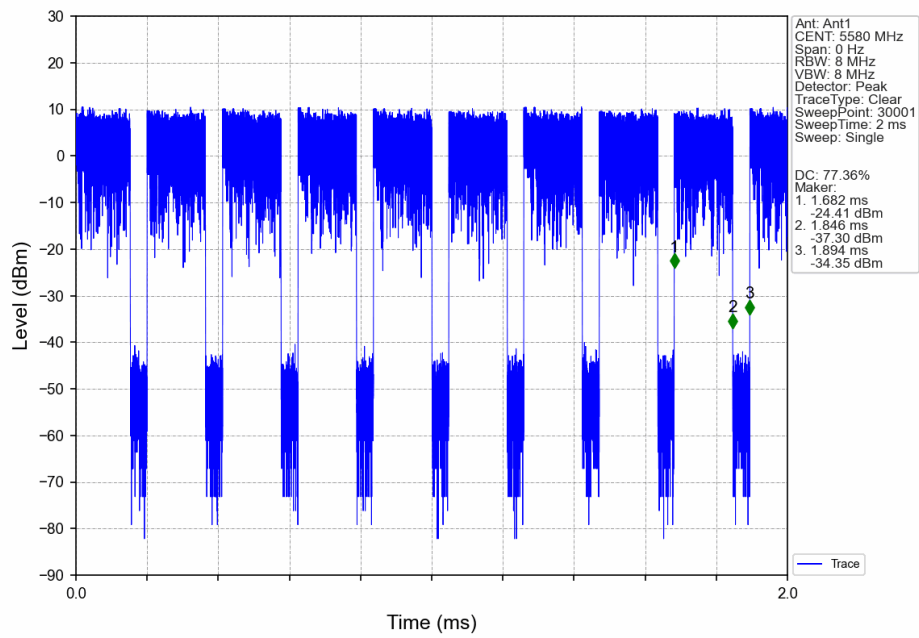
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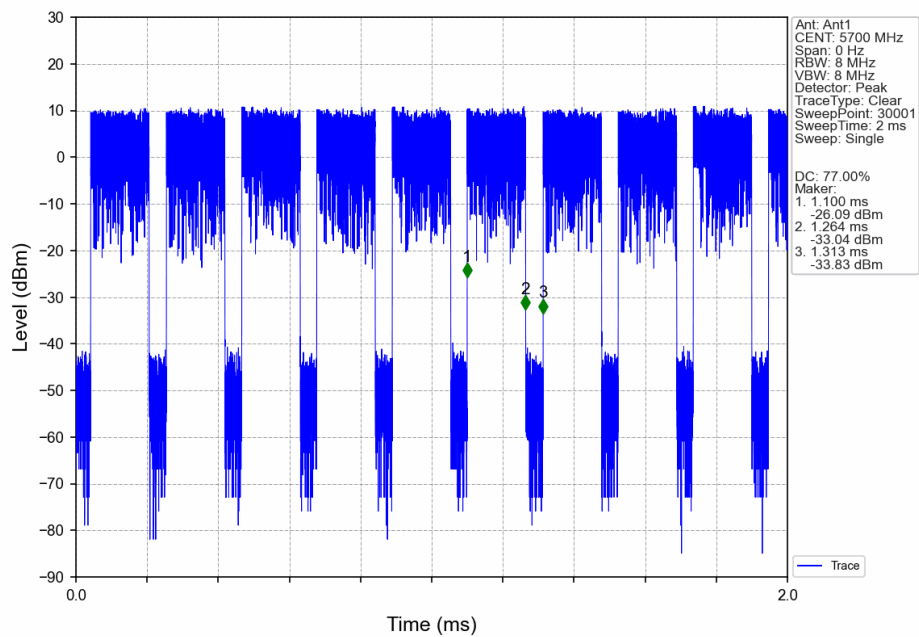
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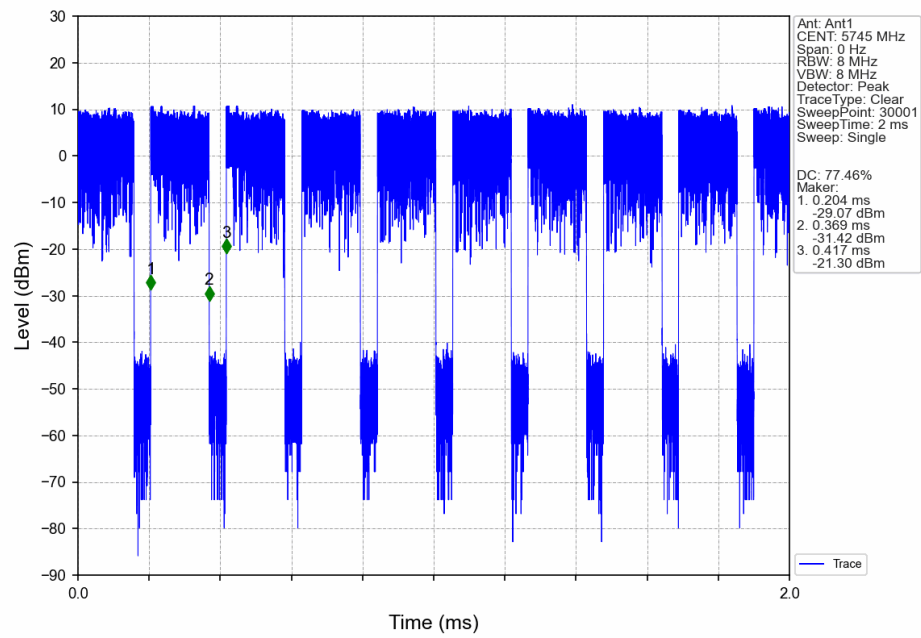
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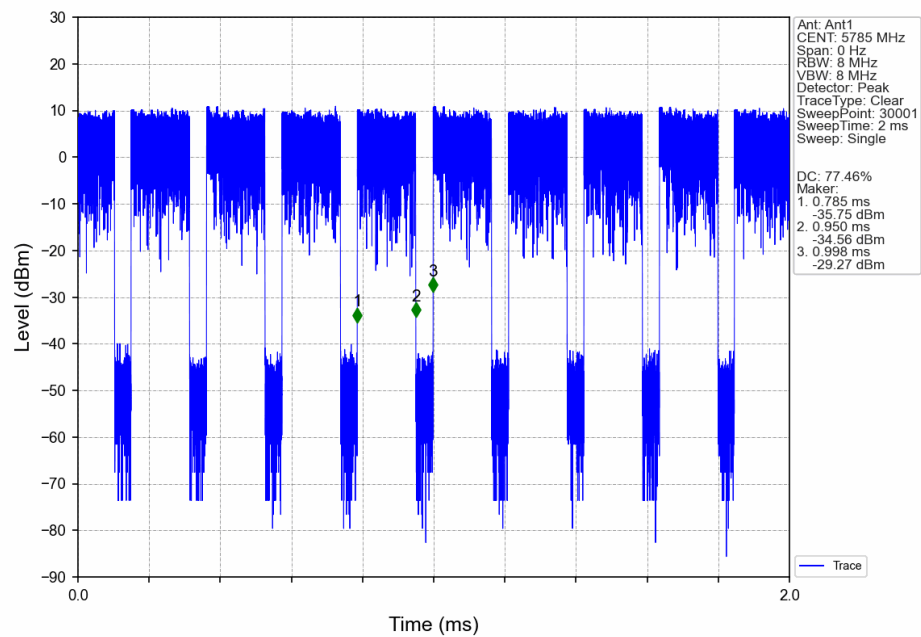
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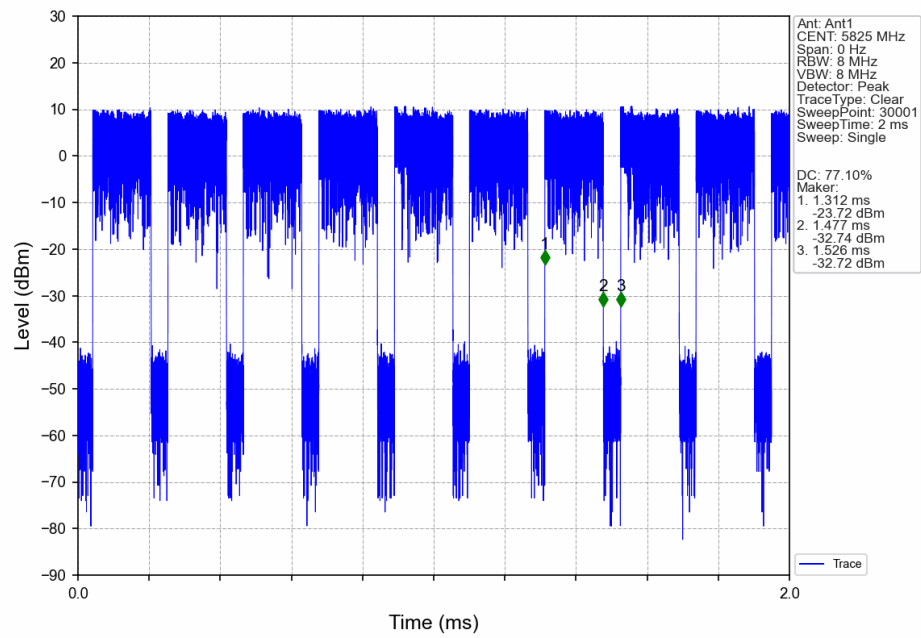
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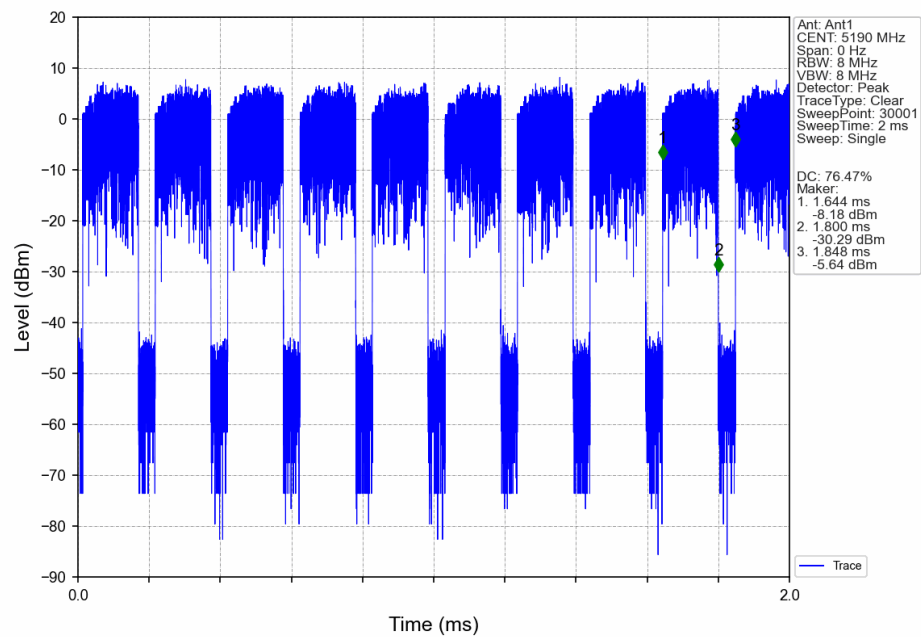
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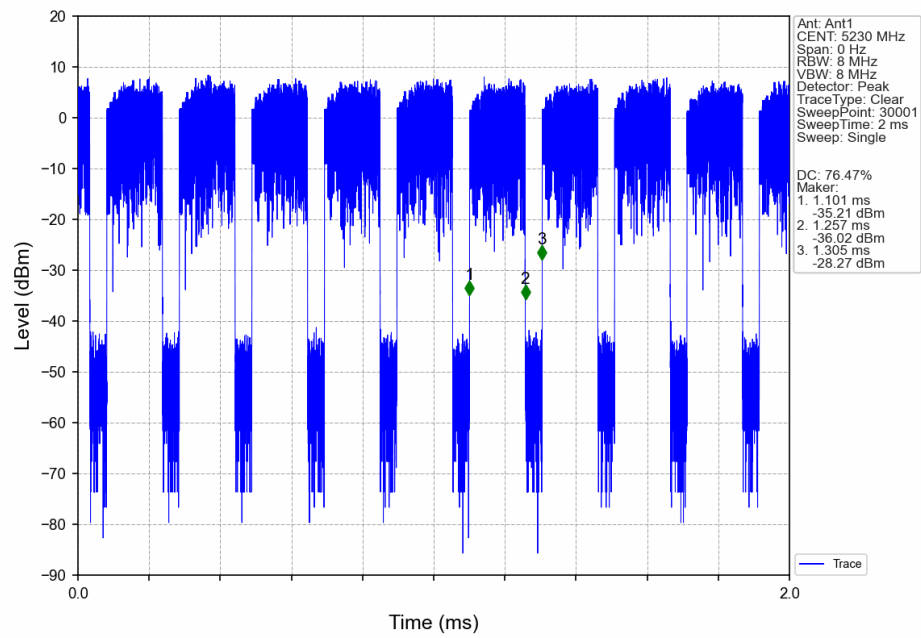
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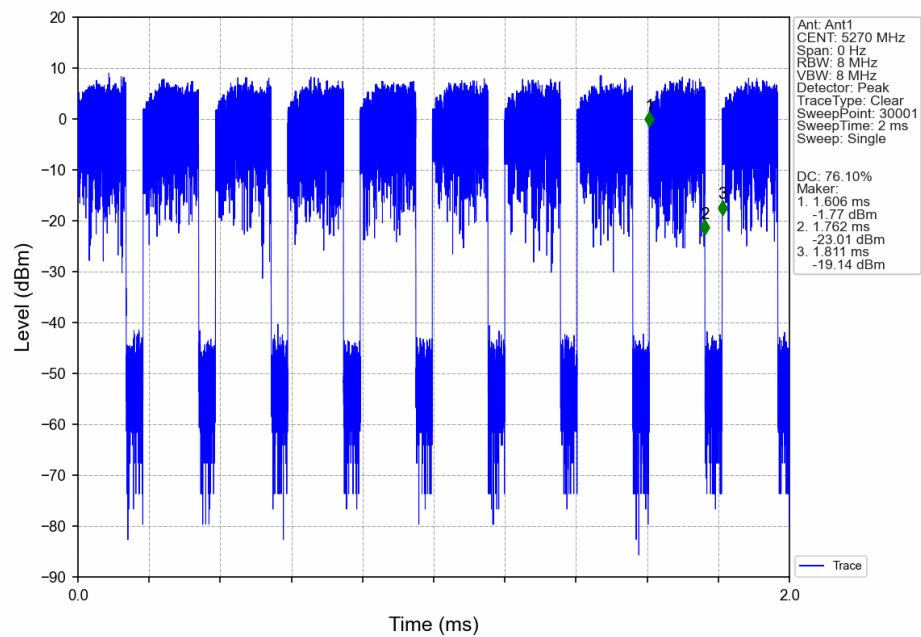
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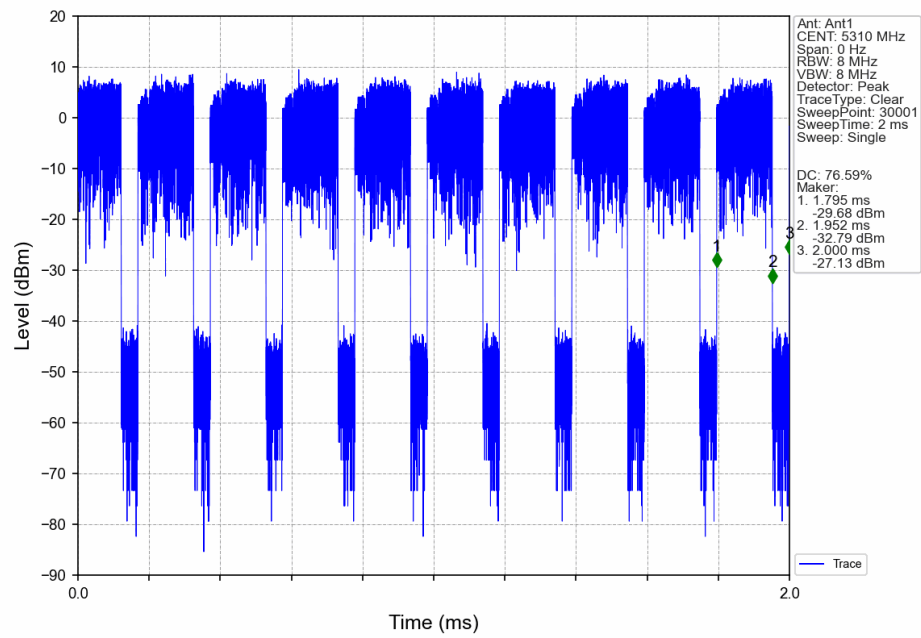
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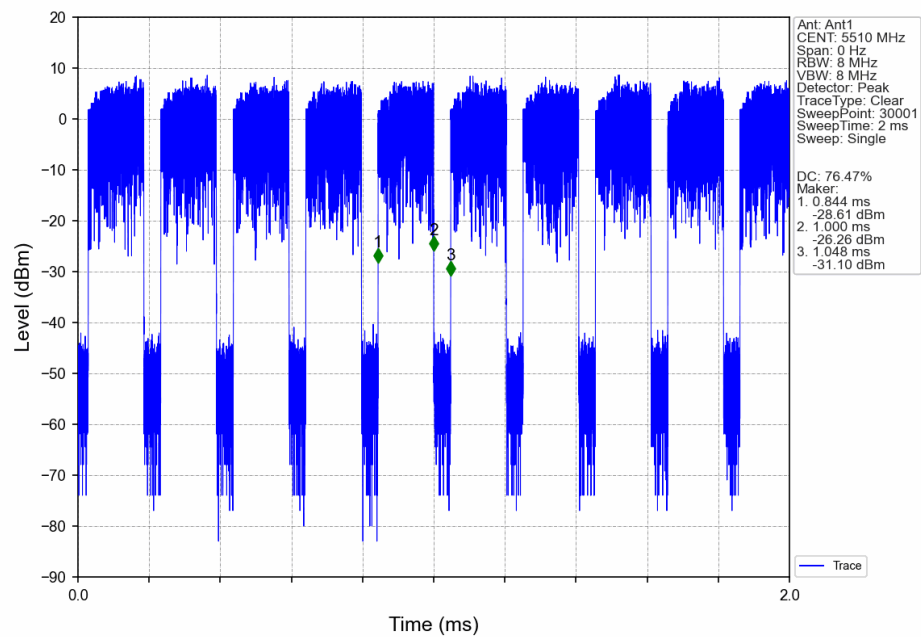
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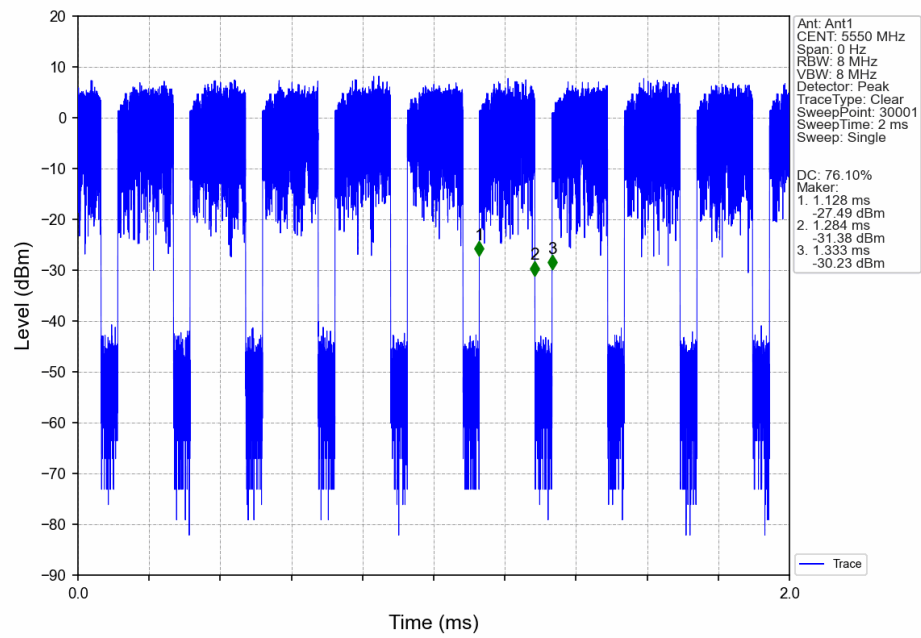
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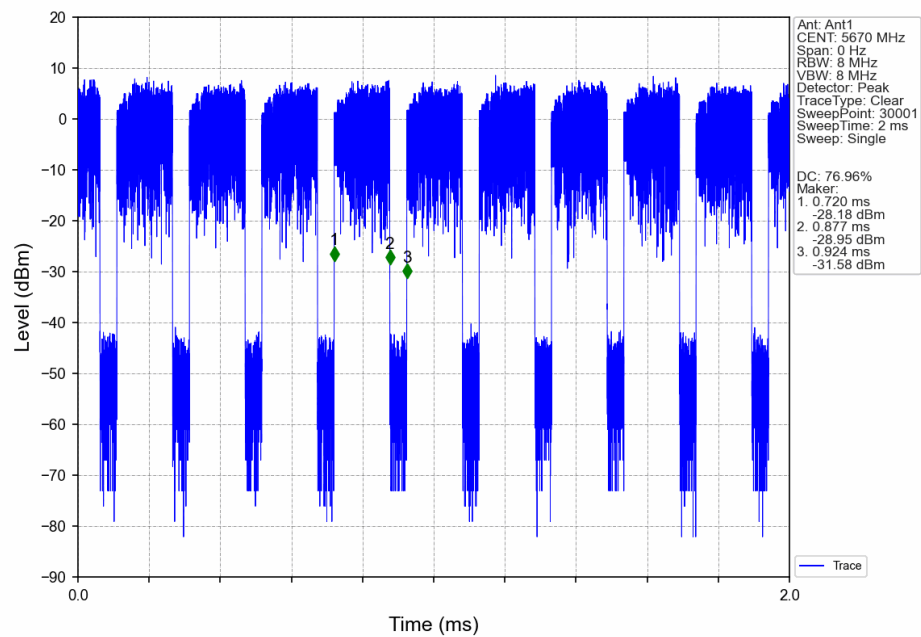
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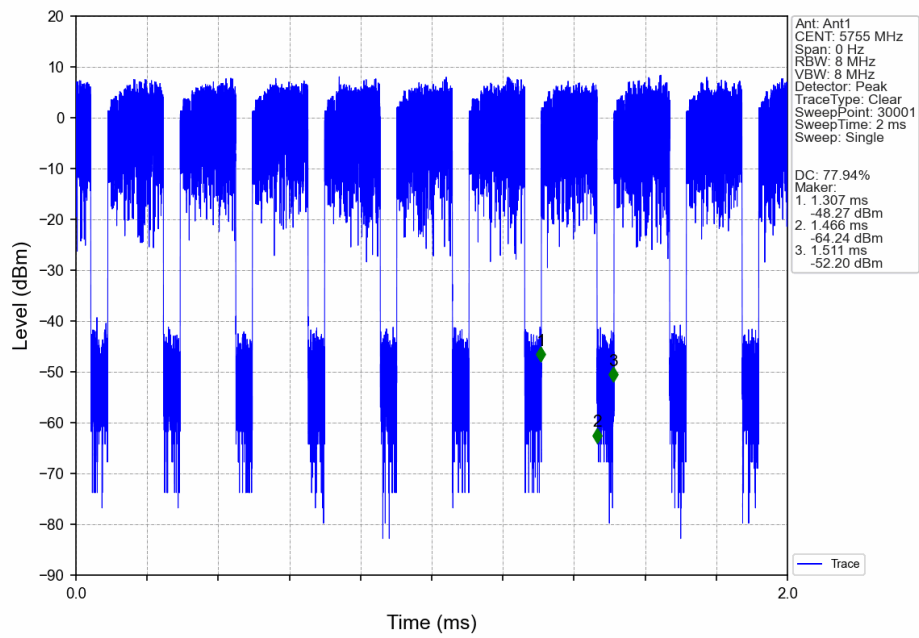
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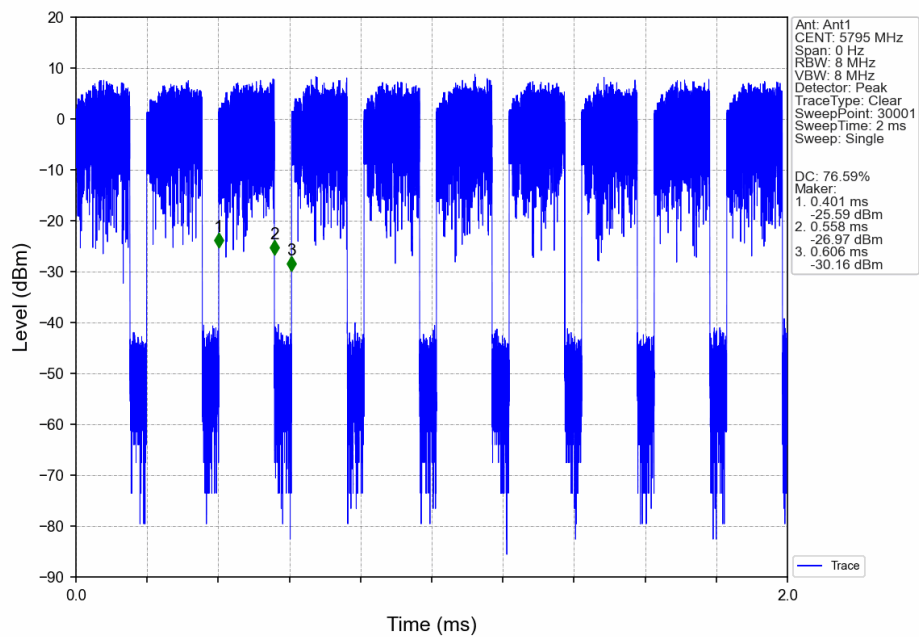
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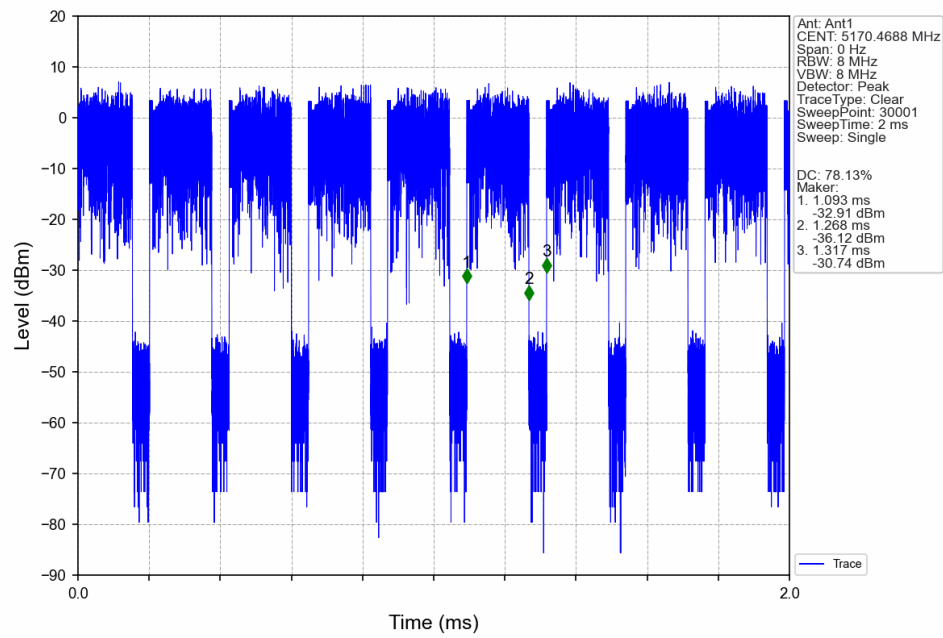
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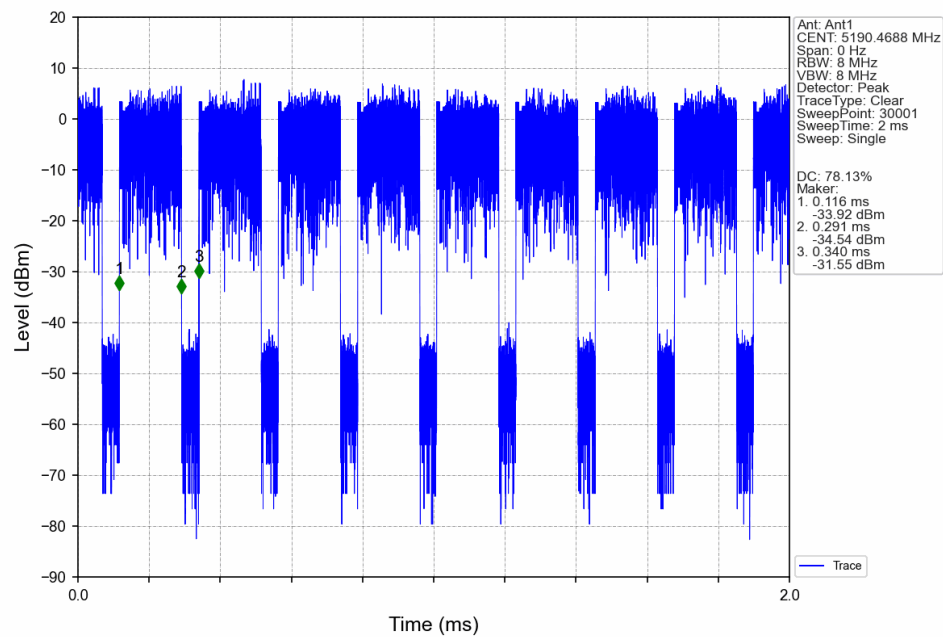
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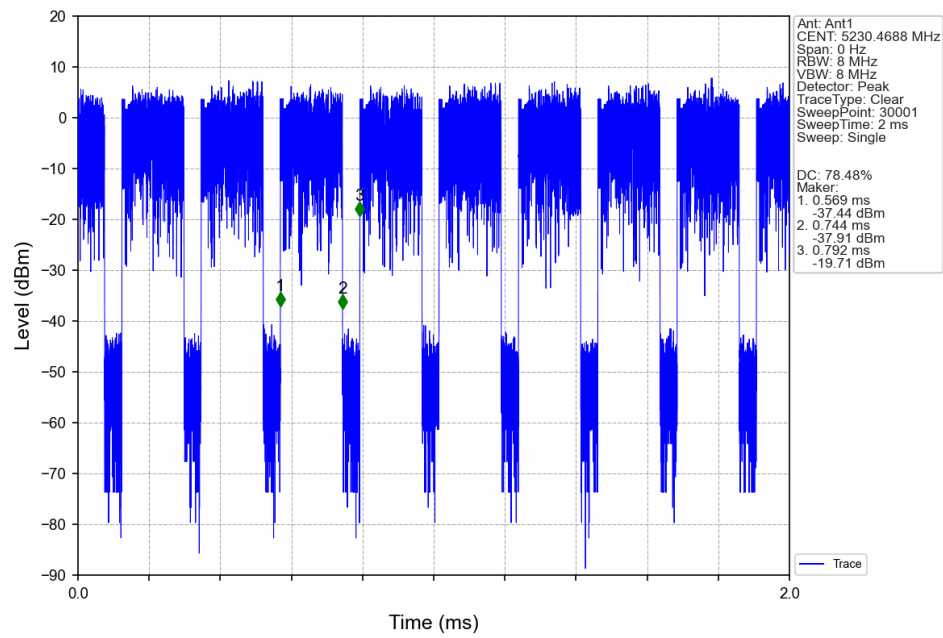
802.11ax(HEW20) LCH 5180MHz SU / Ant1 NTN



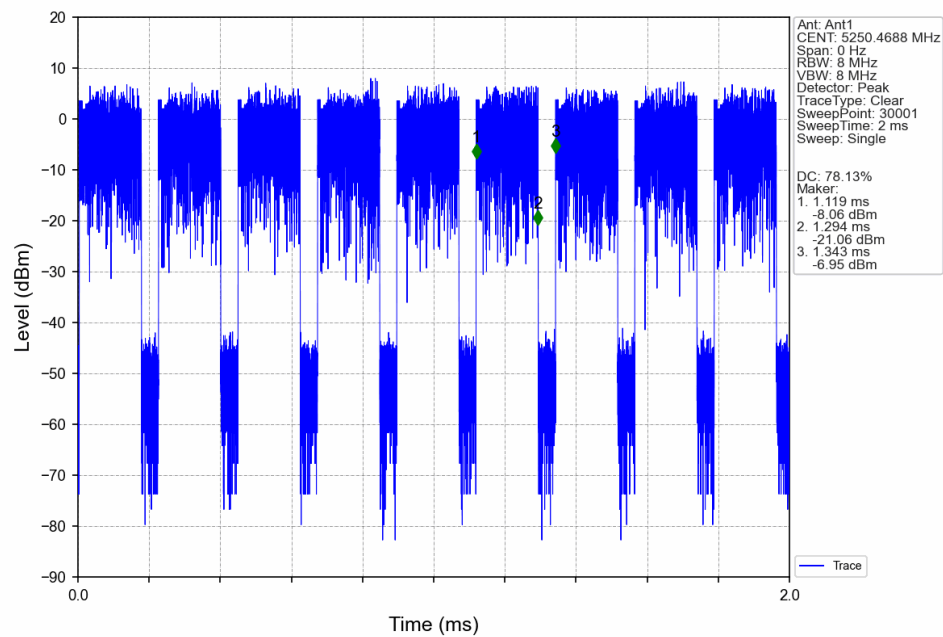
802.11ax(HEW20) MCH 5200MHz SU / Ant1 NTN



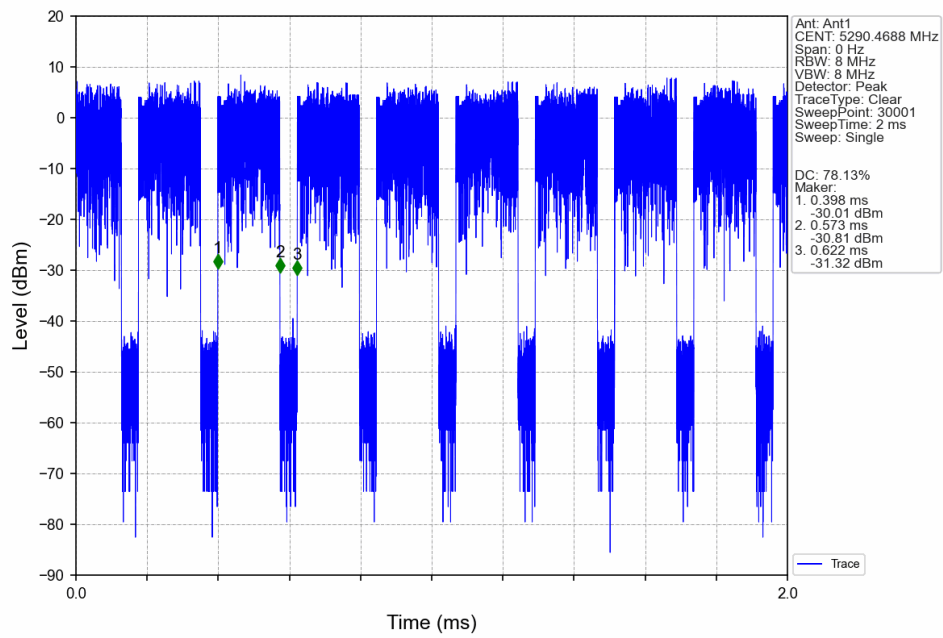
802.11ax(HEW20) HCH 5240MHz SU / Ant1 NTN



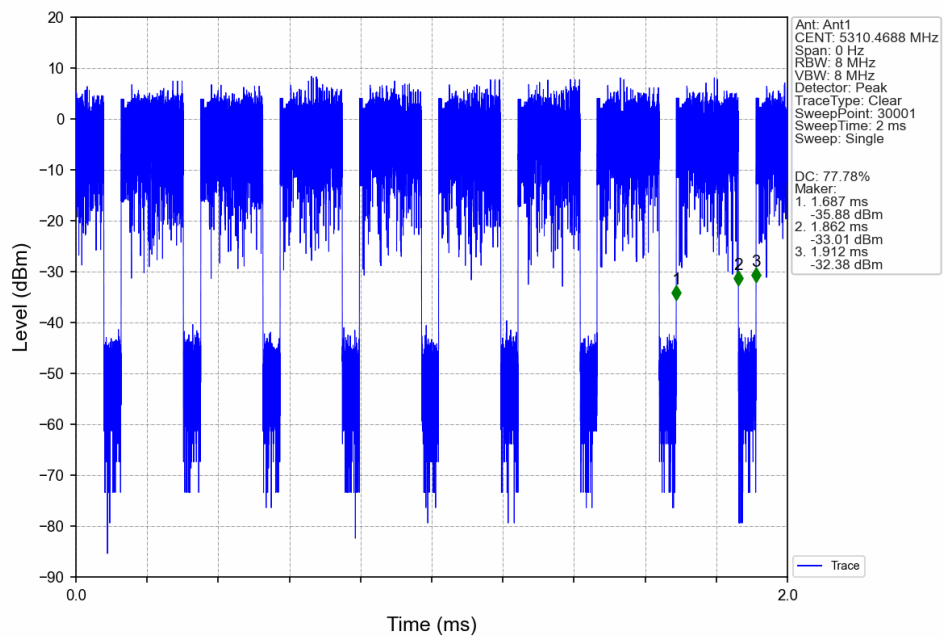
802.11ax(HEW20) LCH 5260MHz SU / Ant1 NTN



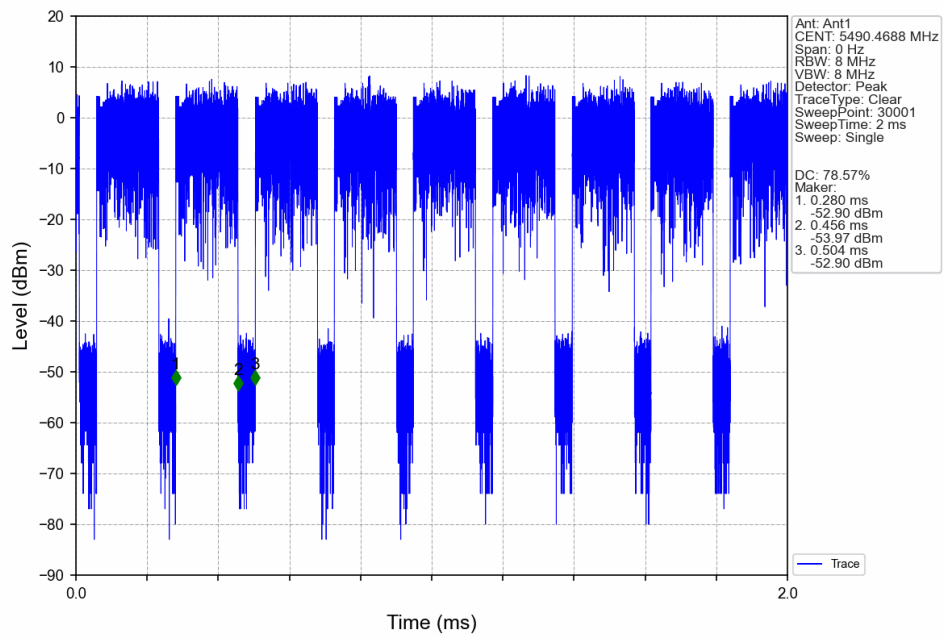
802.11ax(HEW20) MCH 5300MHz_SU / Ant1 NTN



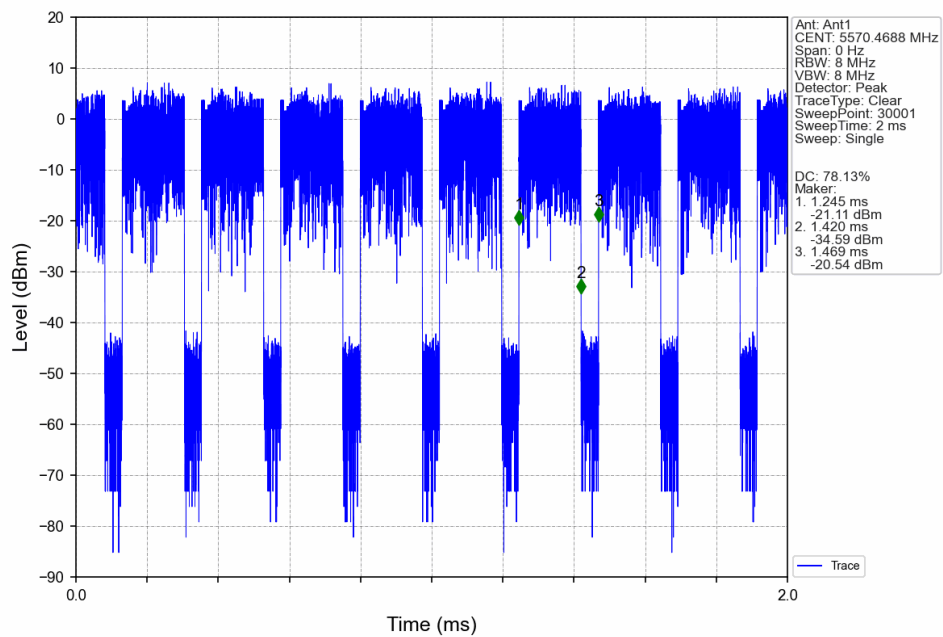
802.11ax(HEW20) HCH 5320MHz_SU / Ant1 NTN



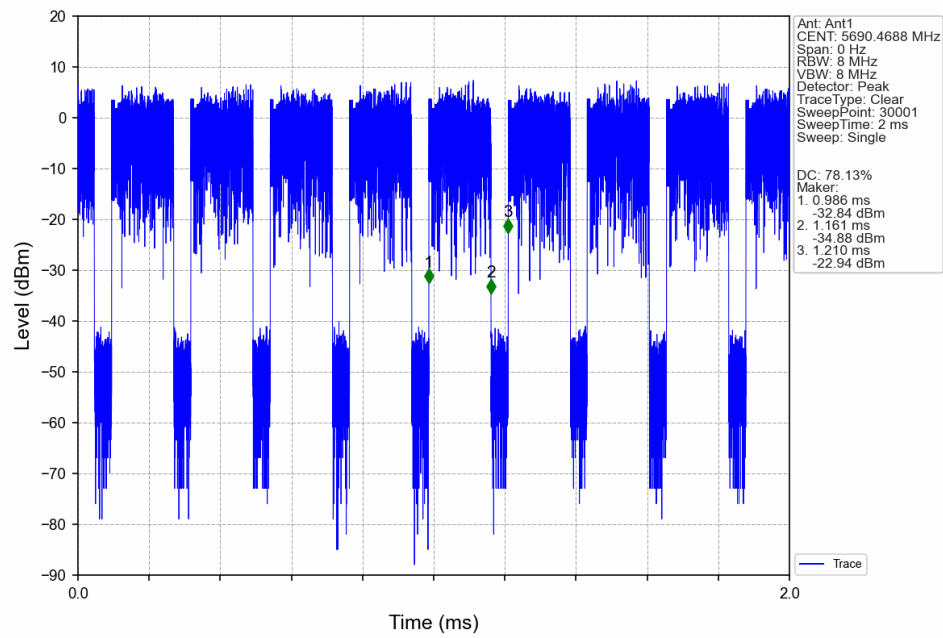
802.11ax(HEW20)_LCH_5500MHz_SU / Ant1_NTNV



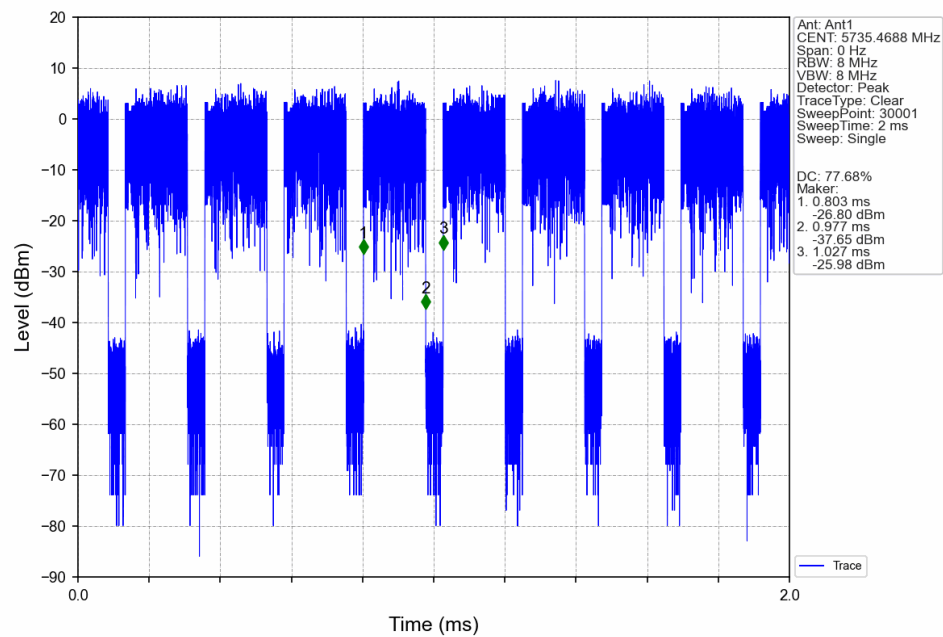
802.11ax(HEW20)_MCH_5580MHz_SU / Ant1_NTNV



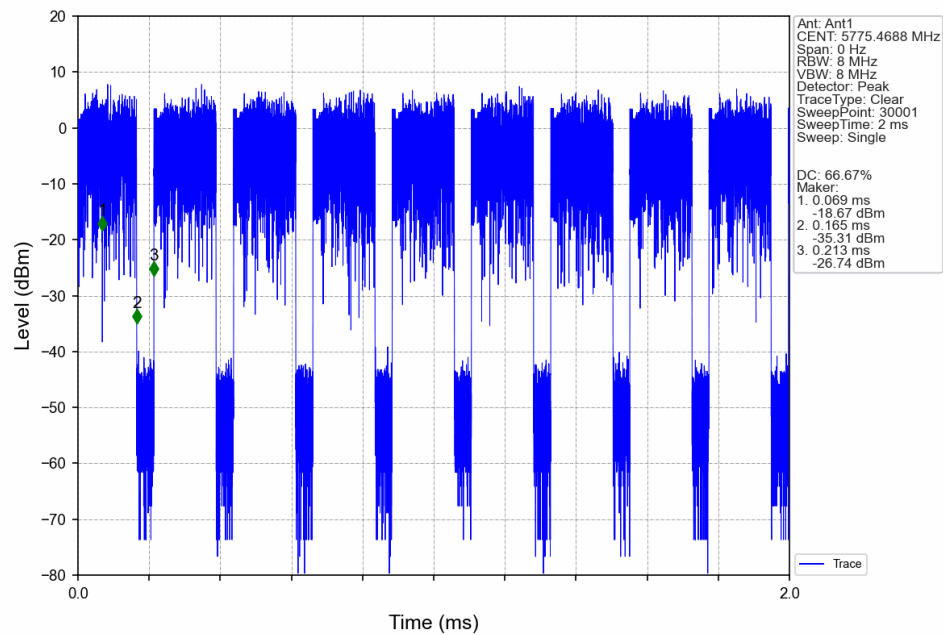
802.11ax(HEW20) HCH 5700MHz SU / Ant1 NTNv



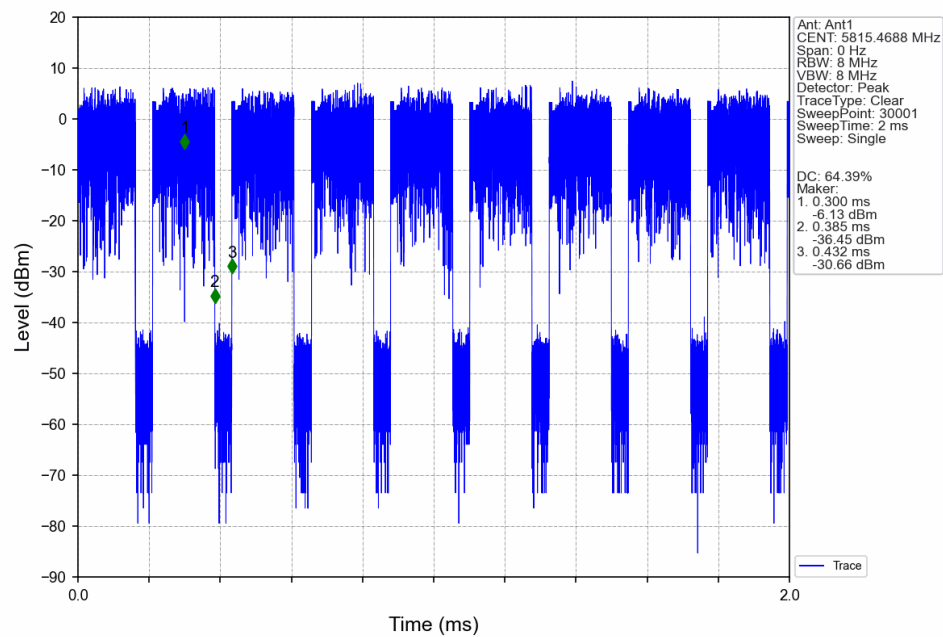
802.11ax(HEW20) LCH 5745MHz SU / Ant1 NTNv



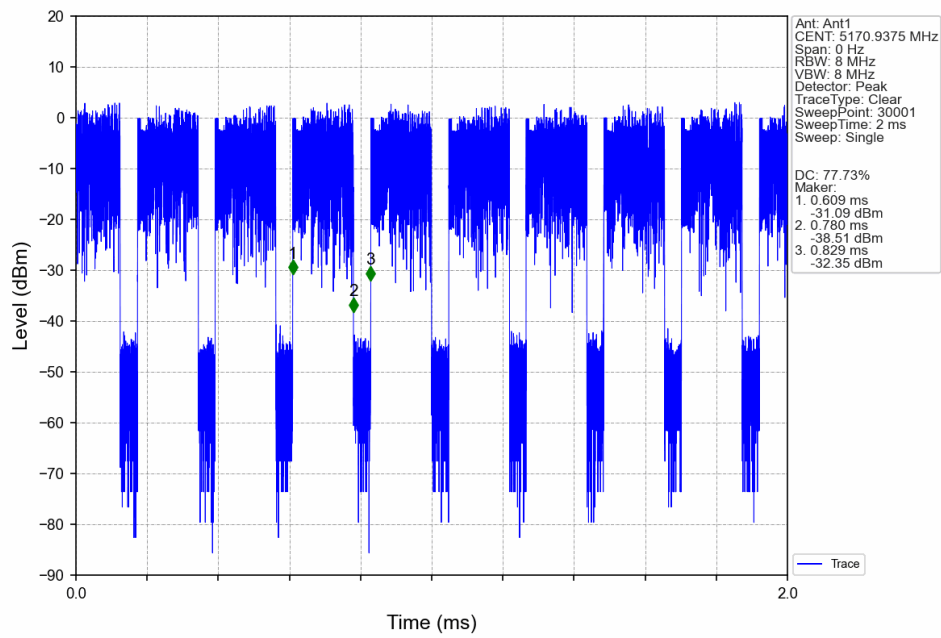
802.11ax(HEW20) MCH 5785MHz SU / Ant1 NTN



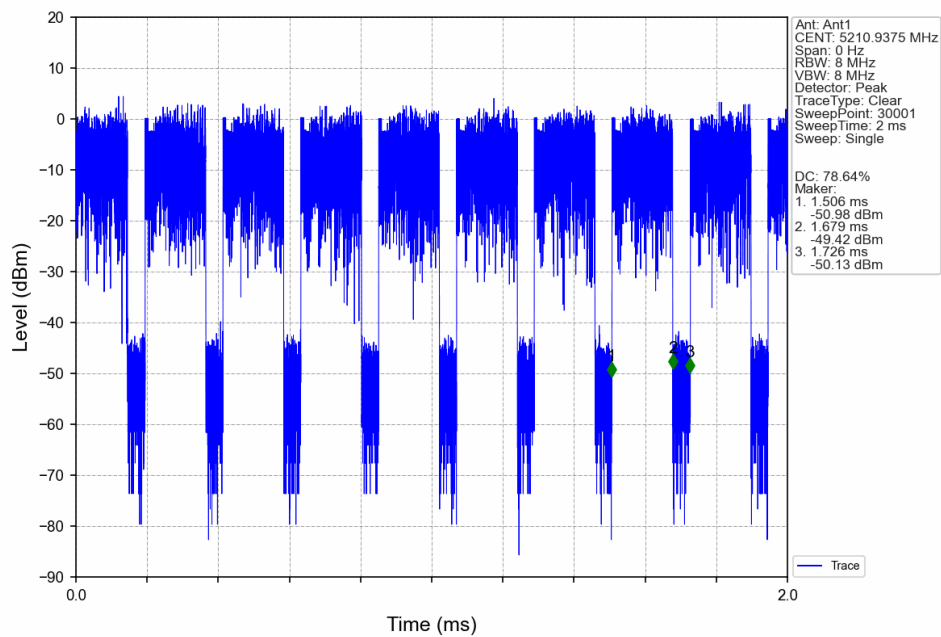
802.11ax(HEW20) HCH 5825MHz SU / Ant1 NTN



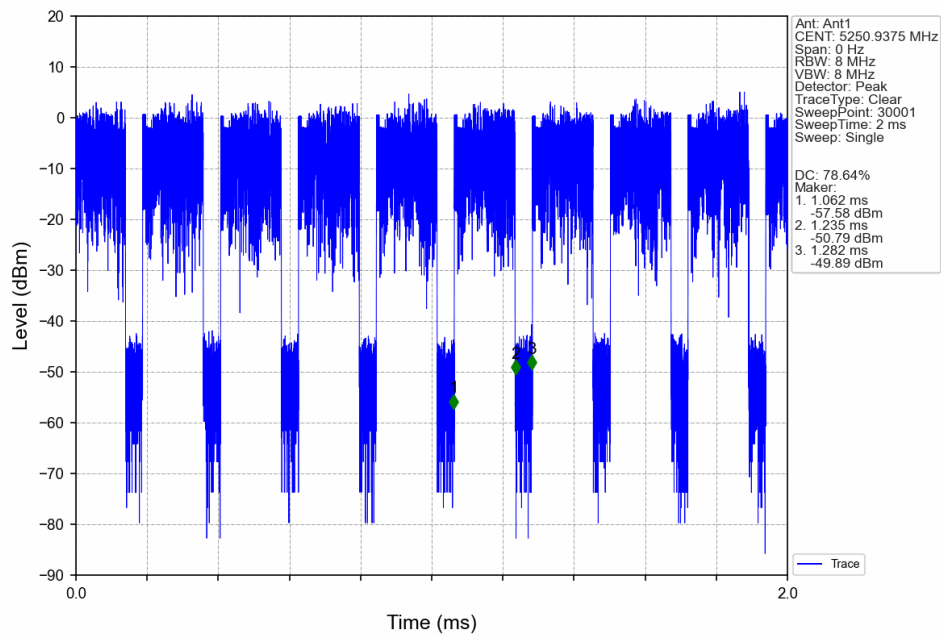
802.11ax(HEW40) LCH 5190MHz SU / Ant1 NTN



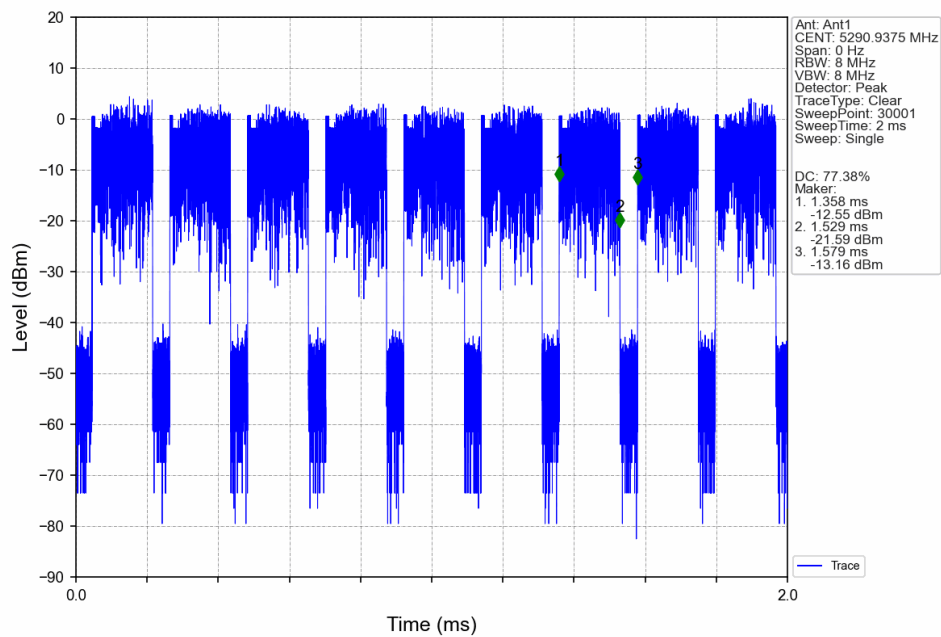
802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



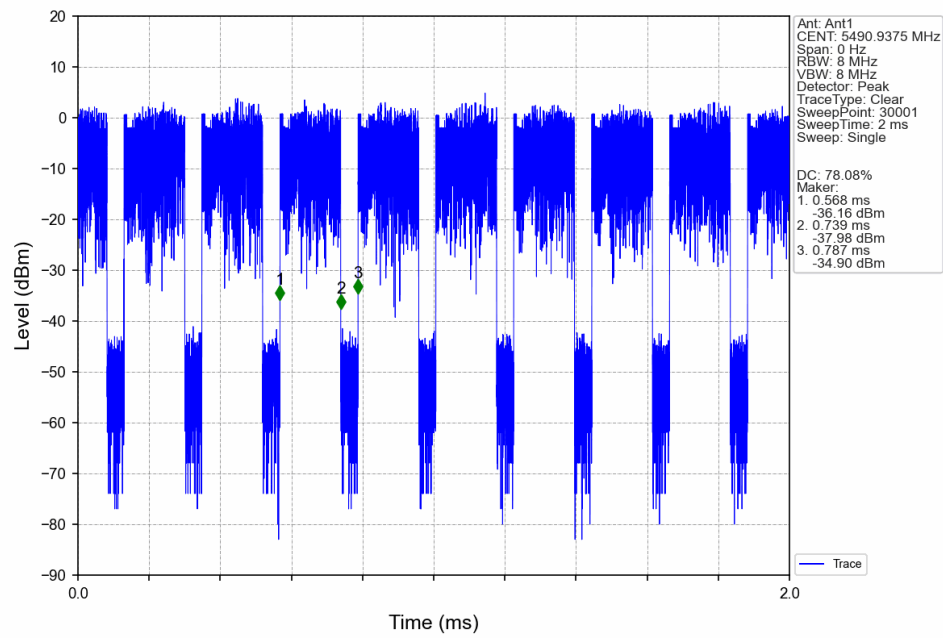
802.11ax(HEW40) LCH 5270MHz SU / Ant1 NTNv



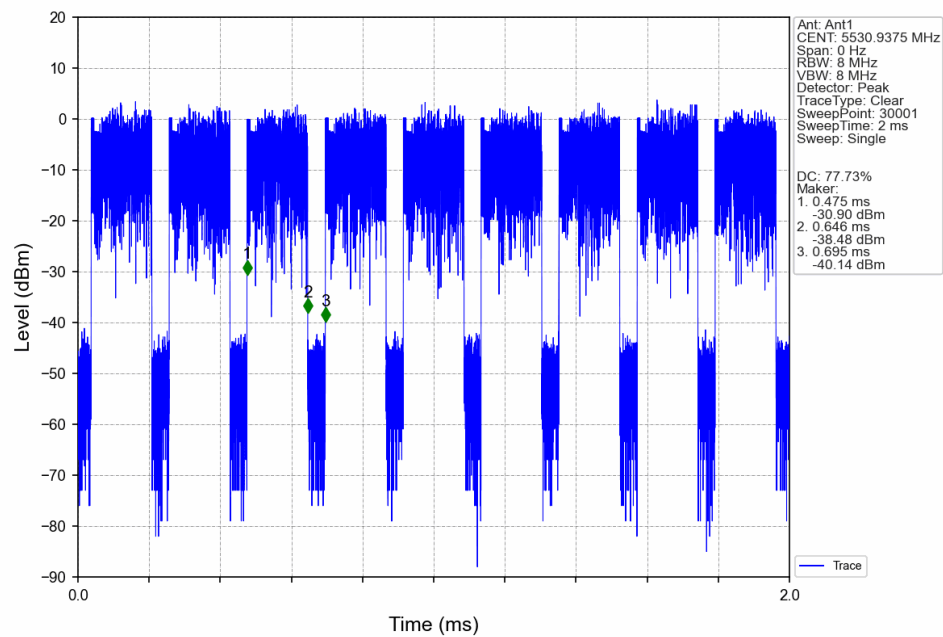
802.11ax(HEW40) HCH 5310MHz SU / Ant1 NTNv



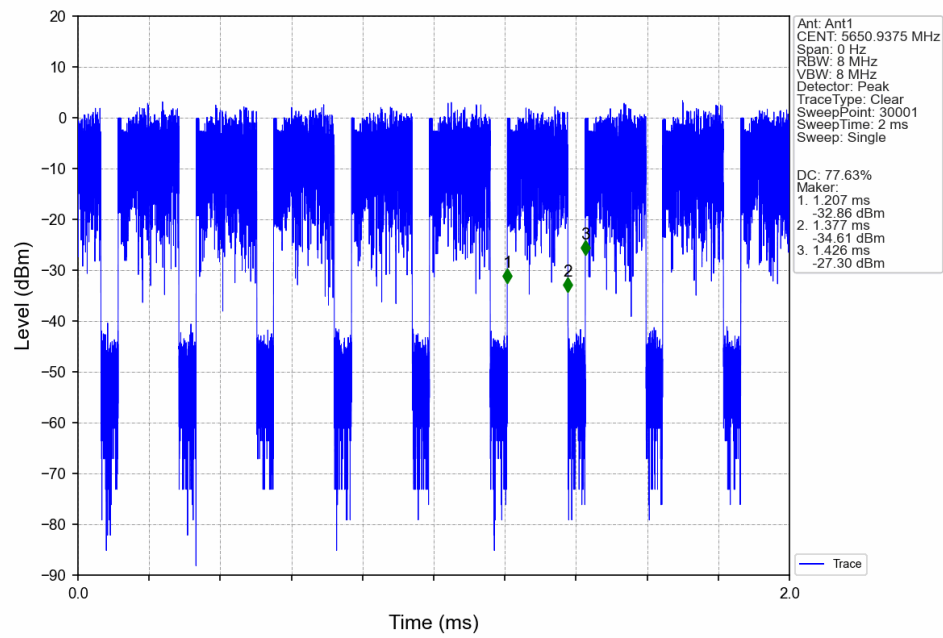
802.11ax(HEW40) LCH 5510MHz SU / Ant1 NTN



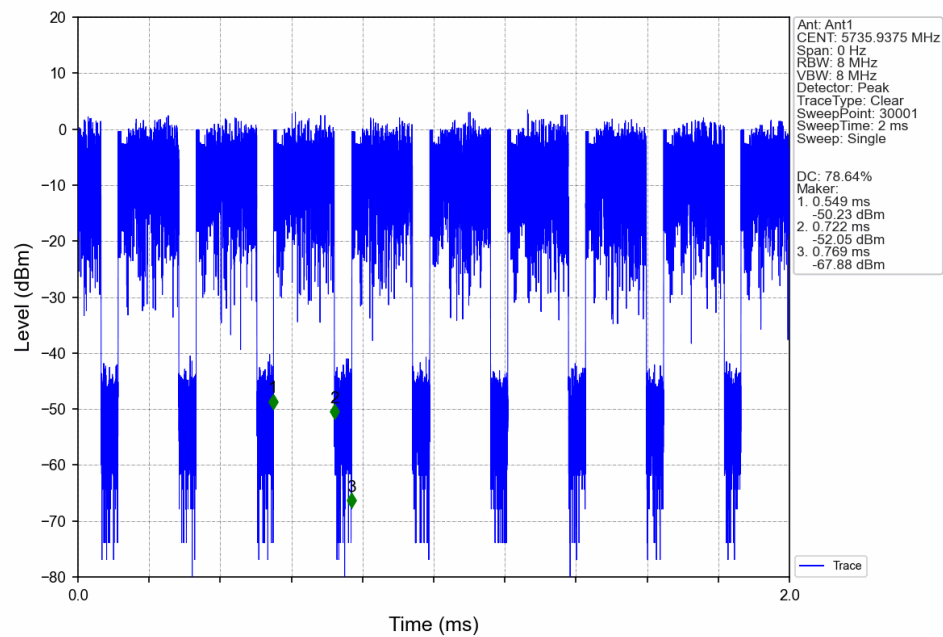
802.11ax(HEW40) MCH 5550MHz SU / Ant1 NTN



802.11ax(HEW40)_HCH_5670MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_ / Ant1_NTNV



802.11ax(HEW40) HCH 5795MHz SU / Ant1 NTN

