

Appendix: 5G Wi-Fi

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1. Duty Cycle

1.1 Test Result

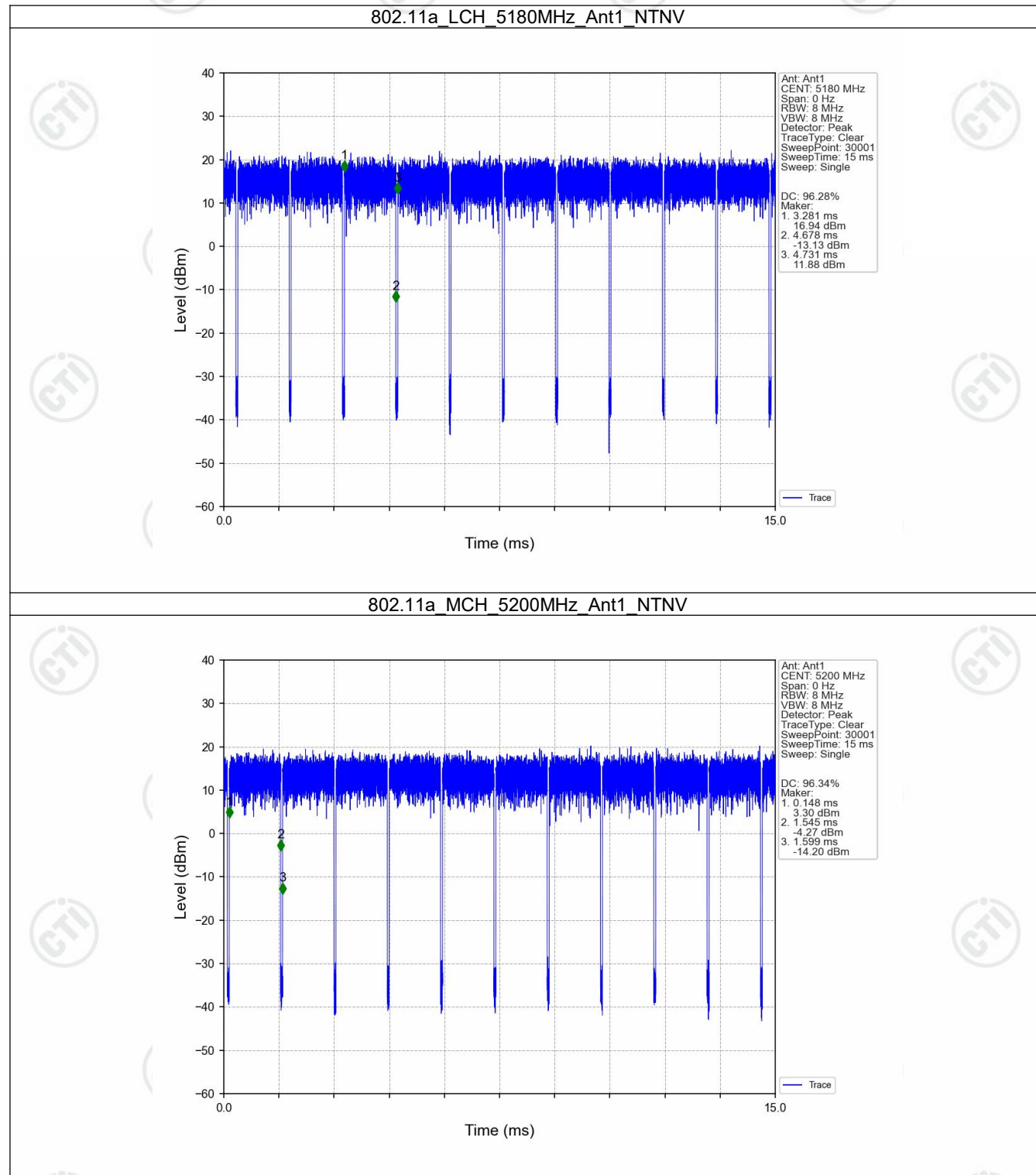
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T _{on} (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.396	1.450	96.28	0.16	0.03
		5200	1.396	1.449	96.34	0.16	0.00
		5240	1.397	1.450	96.34	0.16	0.00
		5260	1.397	1.451	96.28	0.16	0.07
		5300	1.396	1.450	96.28	0.16	0.03
		5320	1.396	1.450	96.28	0.16	0.03
		5500	1.396	1.450	96.28	0.16	0.03
		5580	1.396	1.450	96.28	0.16	0.00
		5700	1.396	1.450	96.28	0.16	0.03
		5745	1.396	1.450	96.28	0.16	0.00
		5785	1.397	1.450	96.34	0.16	0.00
802.11n (HT20)	SISO	5825	1.397	1.450	96.34	0.16	0.00
		5180	1.181	1.235	95.63	0.19	0.04
		5200	1.182	1.235	95.71	0.19	0.04
		5240	1.181	1.235	95.63	0.19	0.00
		5260	1.181	1.235	95.63	0.19	0.04
		5300	1.181	1.236	95.55	0.20	0.07
		5320	1.181	1.235	95.63	0.19	0.04
		5500	1.181	1.235	95.63	0.19	0.04
		5580	1.182	1.235	95.71	0.19	0.04
		5700	1.181	1.235	95.63	0.19	0.04
		5745	1.181	1.235	95.63	0.19	0.00
802.11n (HT40)	SISO	5785	1.182	1.235	95.71	0.19	0.04
		5825	1.181	1.235	95.63	0.19	0.04
		5190	0.588	0.640	91.87	0.37	0.03
		5230	0.588	0.640	91.87	0.37	0.03
		5270	0.587	0.640	91.72	0.38	0.03
		5310	0.587	0.640	91.72	0.38	0.00
		5510	0.587	0.640	91.72	0.38	0.06
		5550	0.587	0.640	91.72	0.38	0.06
802.11ac (VHT20)	SISO	5670	0.588	0.640	91.87	0.37	0.03
		5755	0.588	0.640	91.87	0.37	0.00
		5795	0.588	0.640	91.87	0.37	0.06
		5180	1.188	1.242	95.65	0.19	0.03
		5200	1.189	1.242	95.73	0.19	0.04
		5240	1.189	1.242	95.73	0.19	0.03
		5260	1.188	1.242	95.65	0.19	0.03
		5300	1.189	1.242	95.73	0.19	0.04
		5320	1.189	1.242	95.73	0.19	0.03
		5500	1.188	1.242	95.65	0.19	0.03
		5580	1.189	1.242	95.73	0.19	0.03
802.11ac (VHT40)	SISO	5700	1.188	1.242	95.65	0.19	0.03
		5745	1.189	1.242	95.73	0.19	0.03
		5785	1.189	1.242	95.73	0.19	0.03
	SISO	5825	1.189	1.243	95.66	0.19	0.03
		5190	0.595	0.648	91.82	0.37	0.04
		5230	0.595	0.648	91.82	0.37	0.06

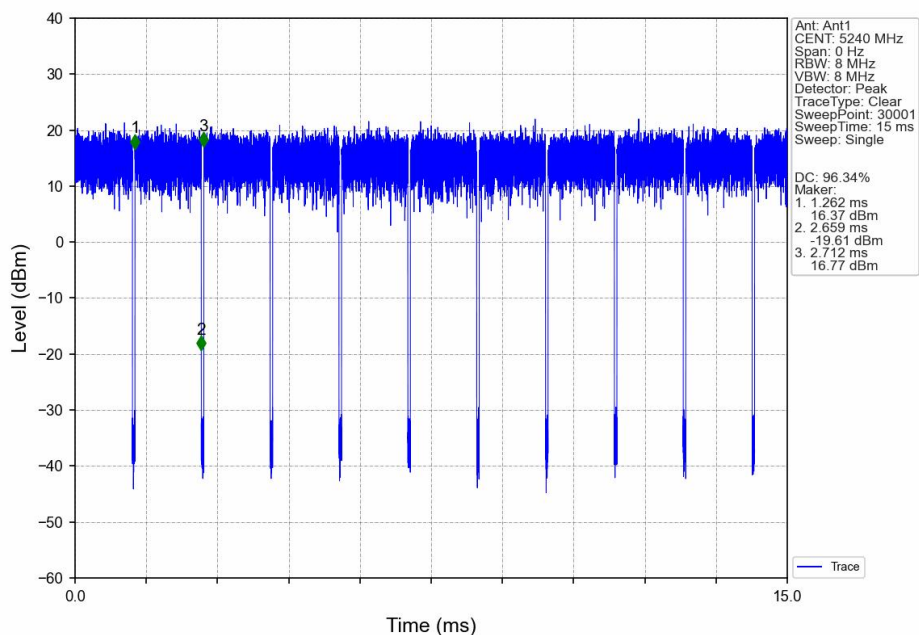
		5270	0.595	0.648	91.82	0.37	0.07
		5310	0.595	0.648	91.82	0.37	0.00
		5510	0.595	0.648	91.82	0.37	0.04
		5550	1.913	2.610	73.30	1.35	22.53
		5670	0.594	0.648	91.67	0.38	0.04
		5755	0.595	0.648	91.82	0.37	0.04
		5795	0.595	0.648	91.82	0.37	0.04
802.11ac (VHT80)	SISO	5210	0.296	0.349	84.81	0.72	0.08
		5290	0.296	0.349	84.81	0.72	0.05
		5530	0.296	0.349	84.81	0.72	0.04
		5610	0.296	0.349	84.81	0.72	0.03
		5775	0.296	0.349	84.81	0.72	0.05

1.2 Test Graph

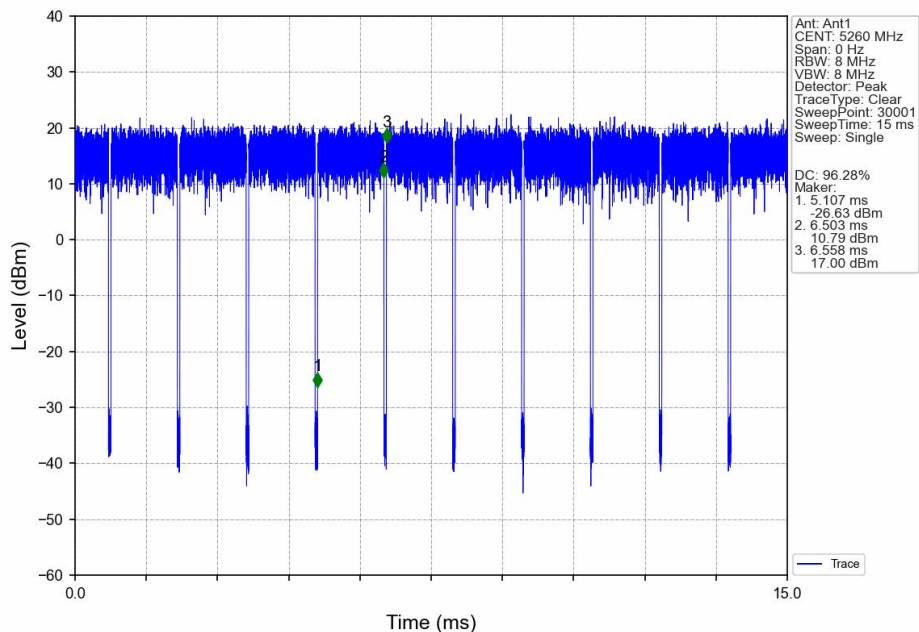
1.2.1 Ant1



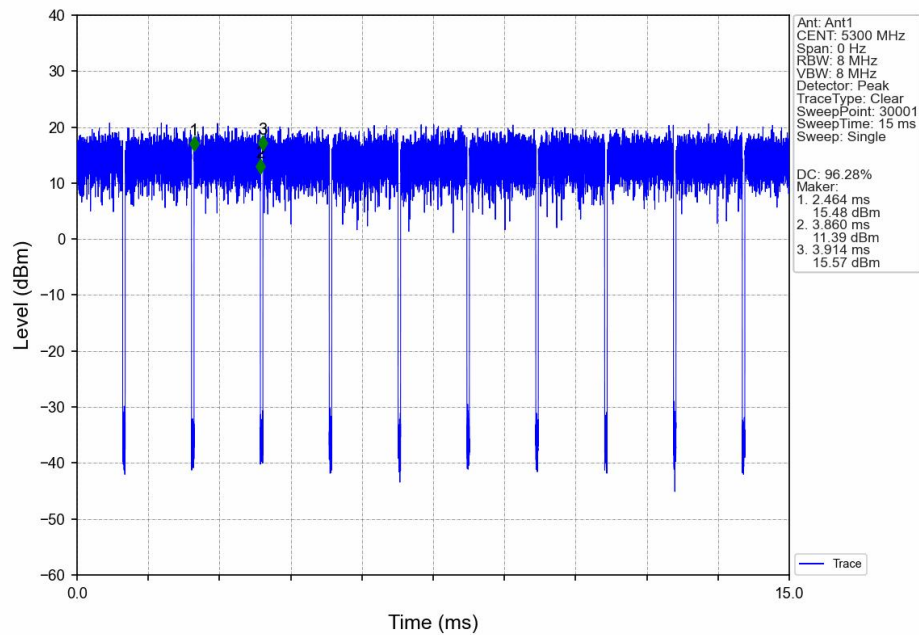
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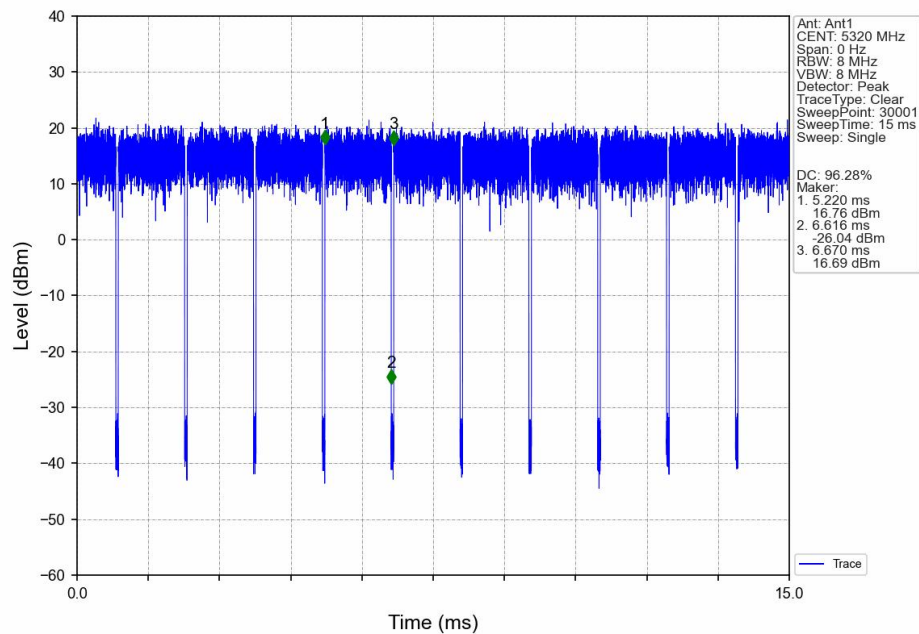
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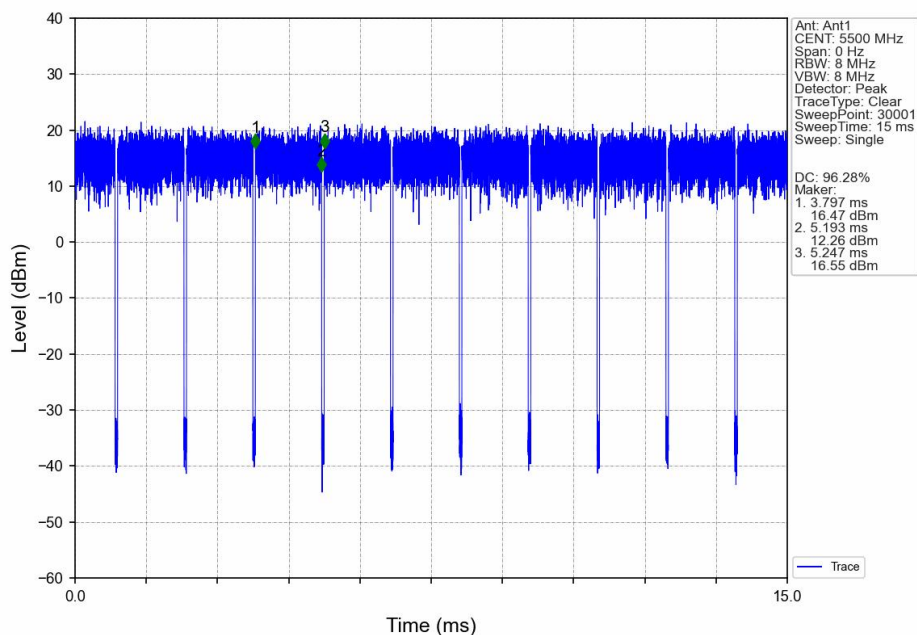
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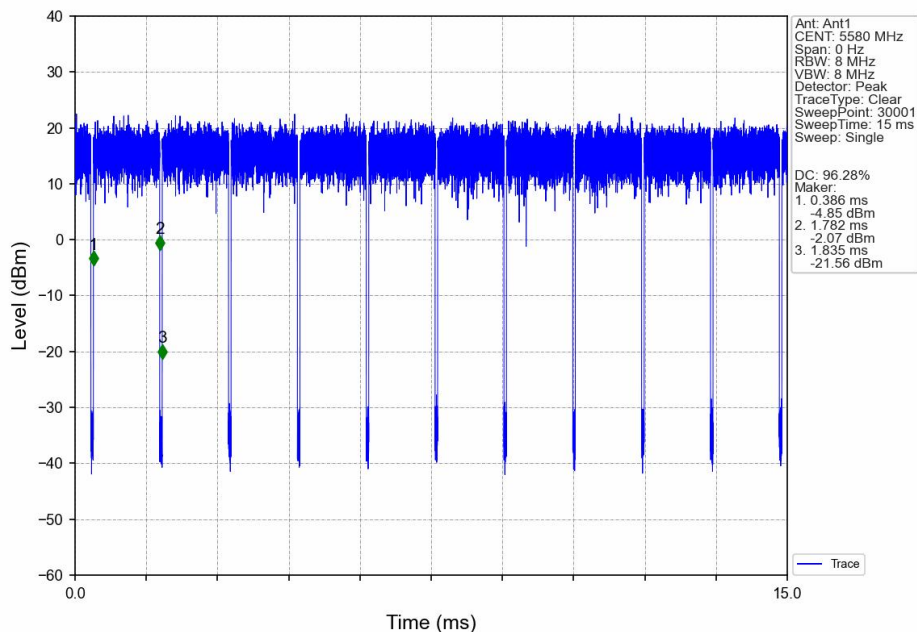
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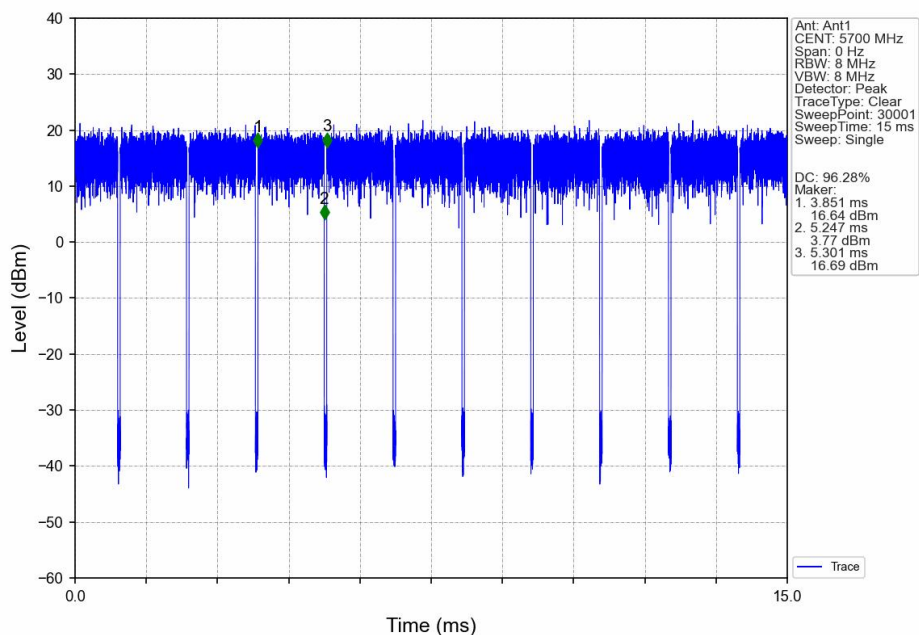
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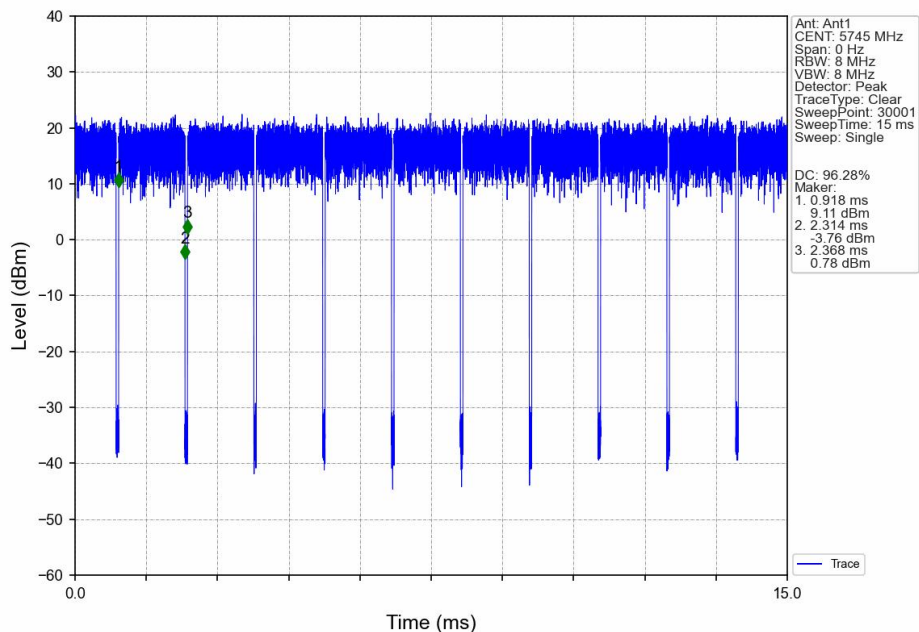
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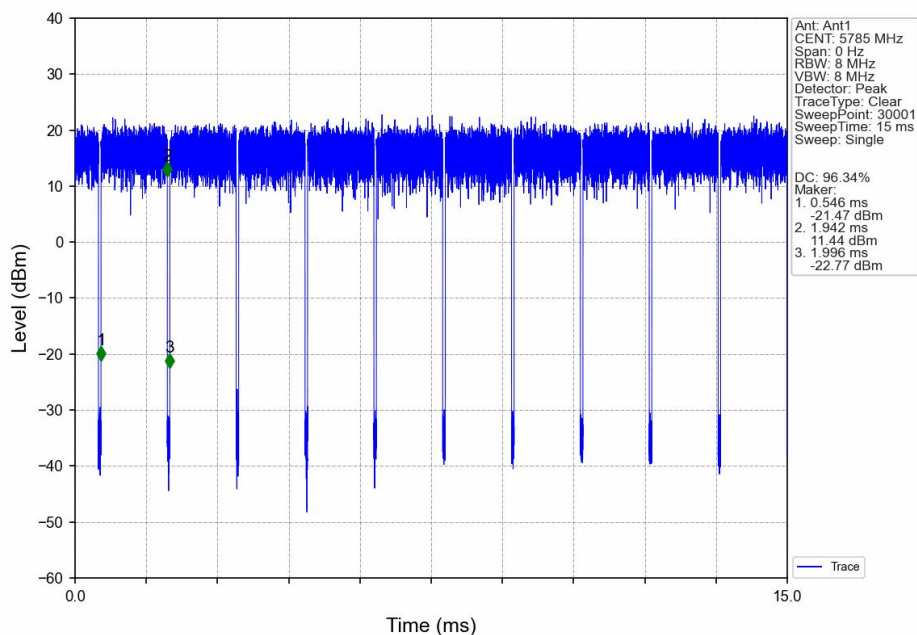
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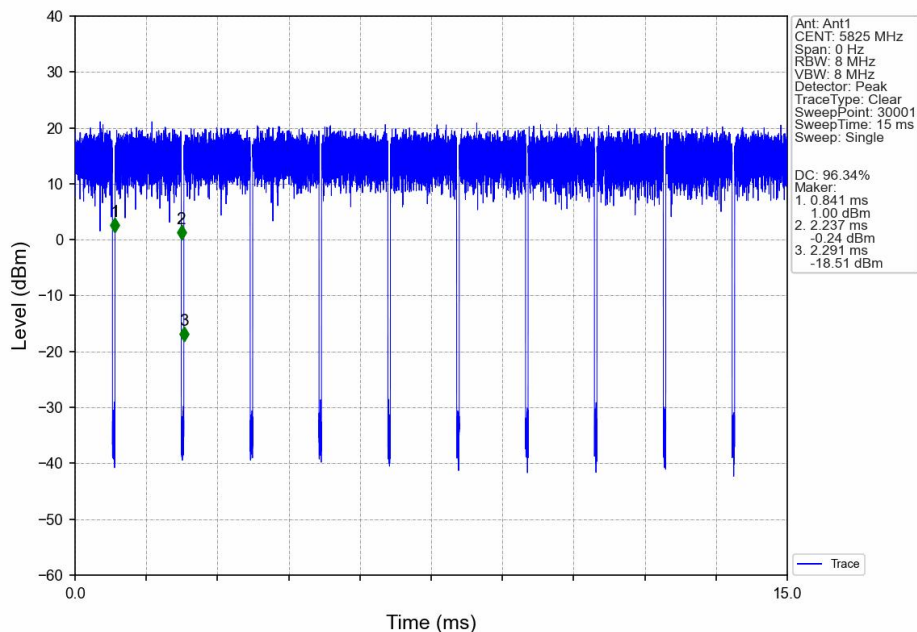
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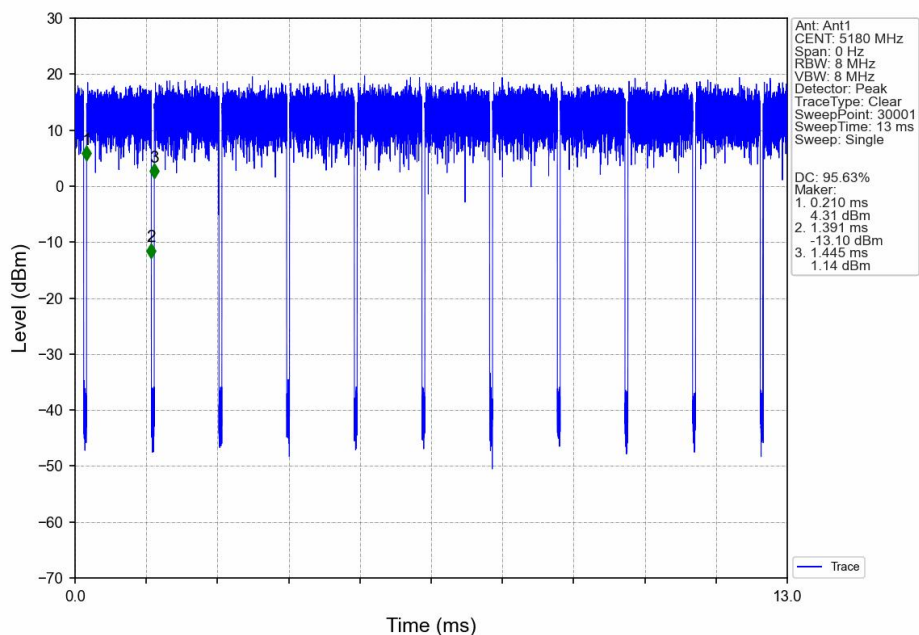
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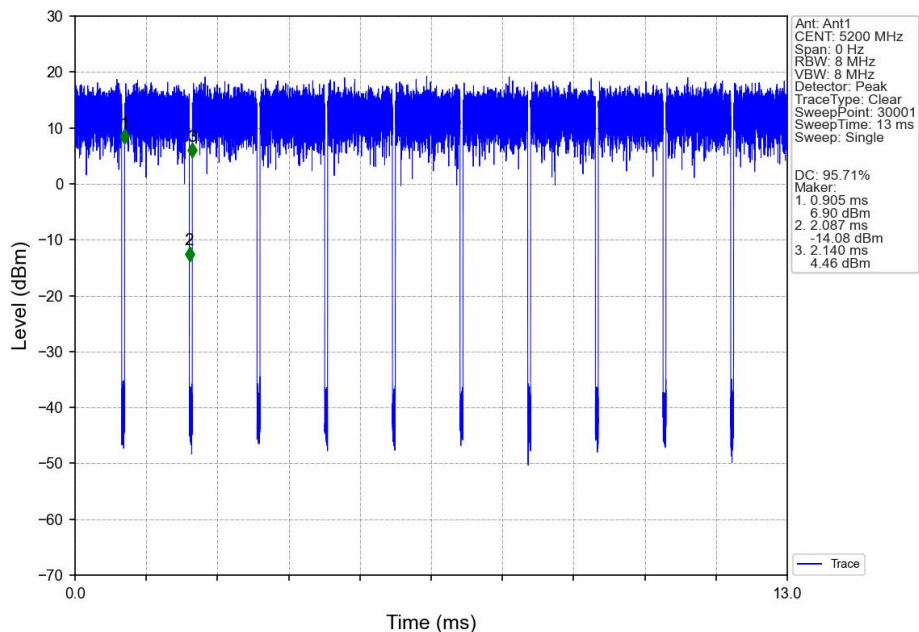
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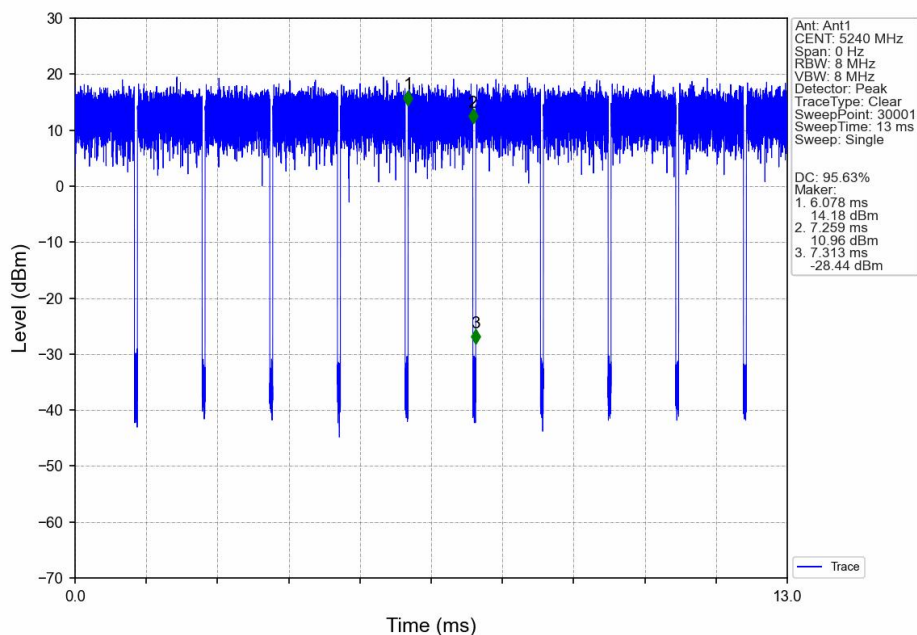
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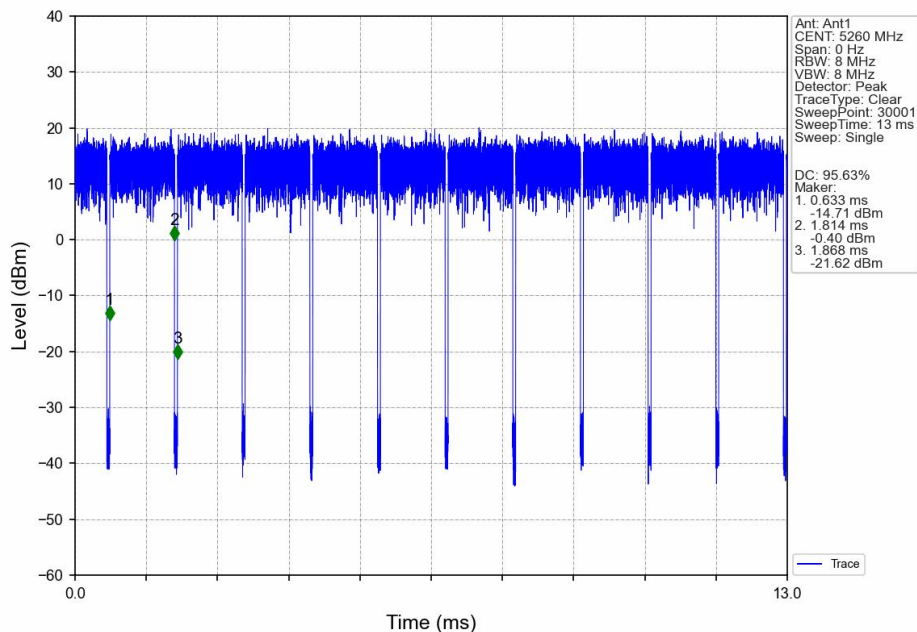
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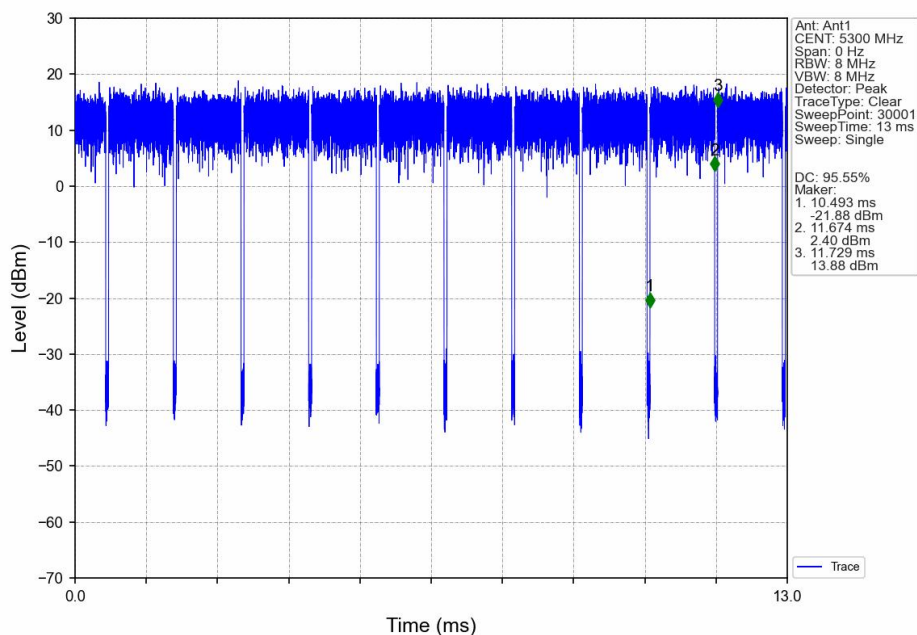
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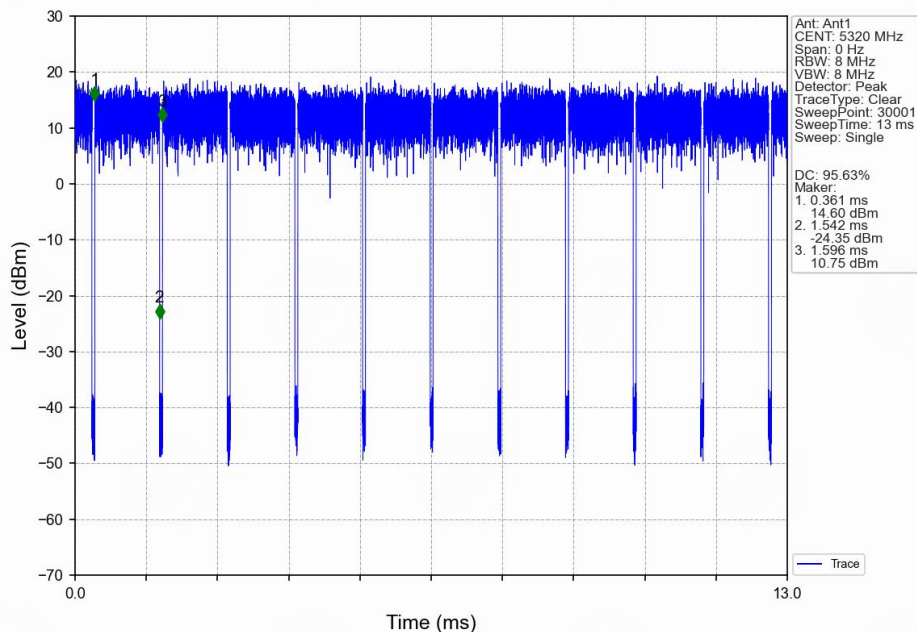
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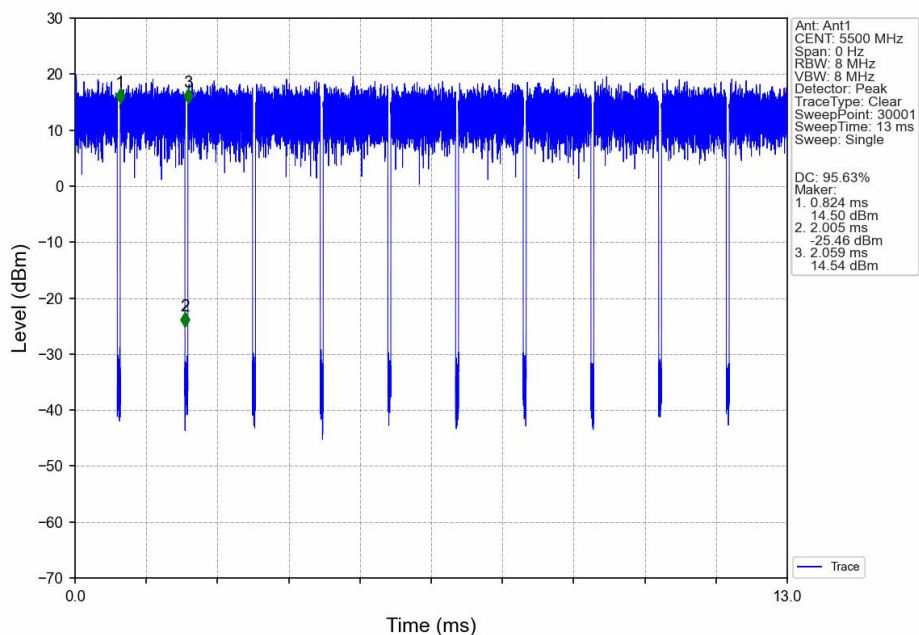
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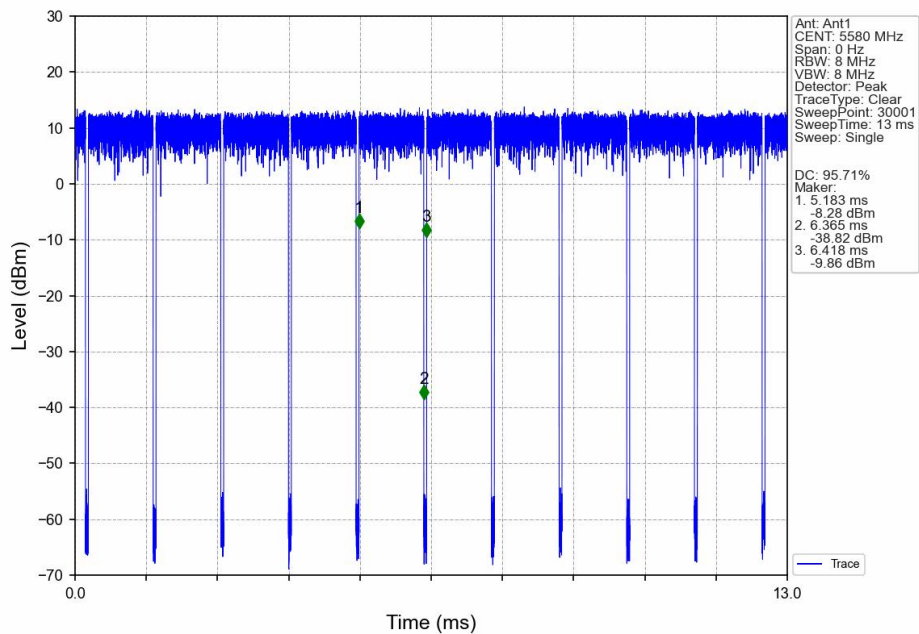
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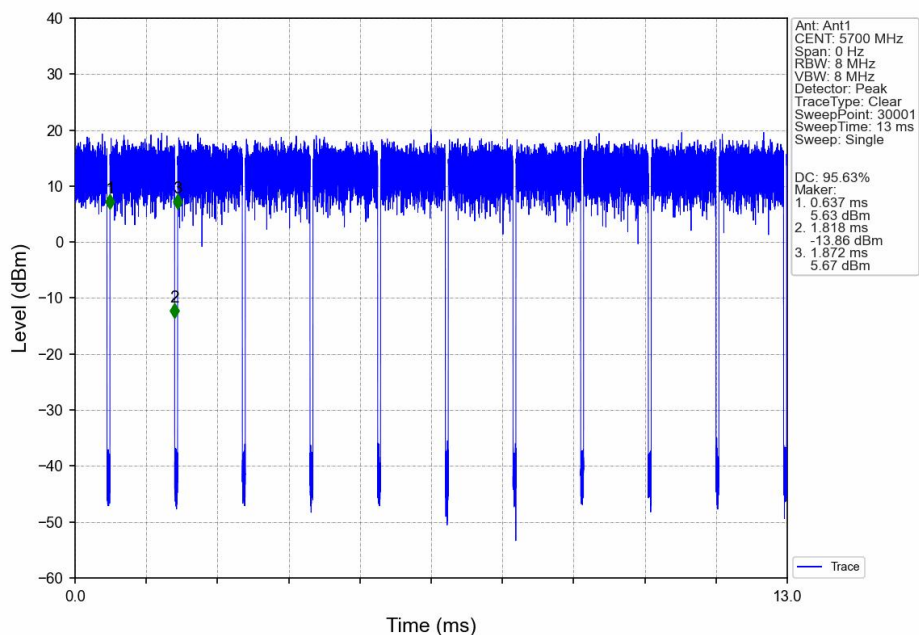
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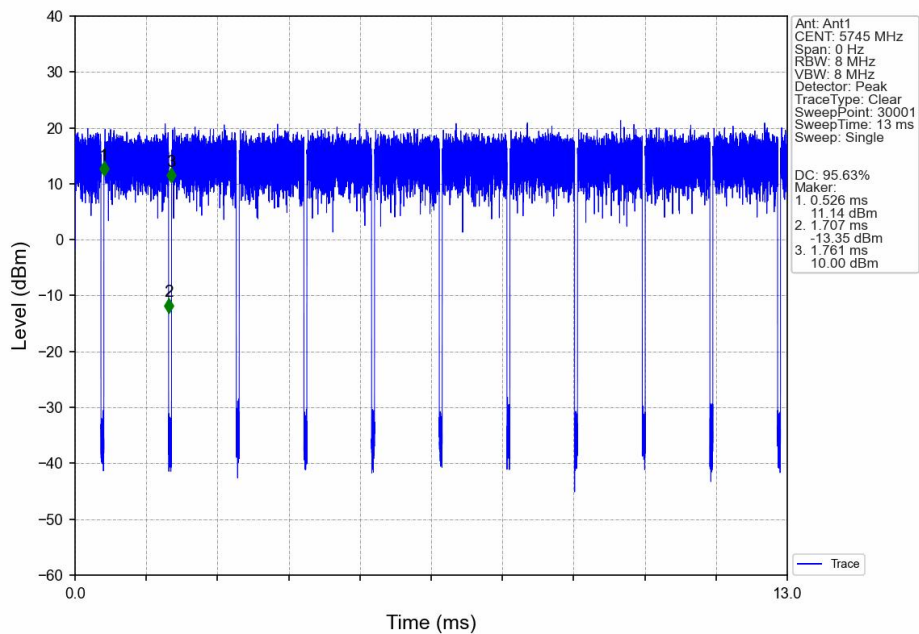
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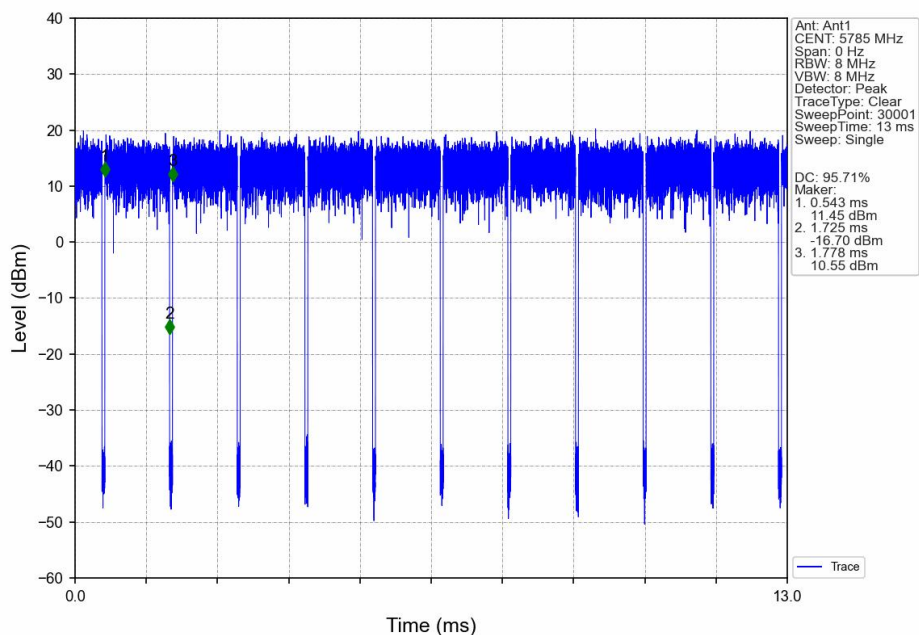
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

