

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	/	/	1.393	1.894	73.55	1.33	0.03
		5200	/	/	1.392	1.894	73.50	1.34	0.04
		5240	/	/	1.392	1.894	73.50	1.34	0.03
802.11n (HT20)	SISO	5180	/	/	1.175	1.676	70.11	1.54	0.02
		5200	/	/	1.175	1.677	70.07	1.54	0.03
		5240	/	/	1.175	1.676	70.11	1.54	0.03
802.11n (HT40)	SISO	5190	/	/	0.584	1.086	53.78	2.69	0.03
		5230	/	/	0.584	1.085	53.82	2.69	0.00
802.11n (HT20)	MIMO	5180	/	/	1.175	1.676	70.11	1.54	0.03
		5200	/	/	1.175	1.676	70.11	1.54	0.02
		5240	/	/	1.175	1.676	70.11	1.54	0.03
802.11n (HT40)	MIMO	5190	/	/	0.584	1.085	53.82	2.69	0.00
		5230	/	/	0.585	1.086	53.87	2.69	0.00
802.11ac (VHT20)	SISO	5180	/	/	1.178	1.680	70.12	1.54	0.03
		5200	/	/	1.179	1.680	70.18	1.54	0.00
		5240	/	/	1.178	1.680	70.12	1.54	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.591	1.093	54.07	2.67	0.03
		5230	/	/	0.578	1.079	53.57	2.71	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.289	0.791	36.54	4.37	0.03
802.11ac (VHT20)	MIMO	5180	/	/	1.178	1.680	70.12	1.54	0.03
		5200	/	/	1.179	1.680	70.18	1.54	0.00
		5240	/	/	1.178	1.680	70.12	1.54	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.591	1.094	54.02	2.67	0.03
		5230	/	/	0.577	1.079	53.48	2.72	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.289	0.790	36.58	4.37	0.03
802.11ax (HEW20)	SISO	5180	SU	/	1.392	1.894	73.50	1.34	0.04
		5200	SU	/	1.010	1.512	66.80	1.75	0.03
		5240	SU	/	1.010	1.512	66.80	1.75	0.03
802.11ax (HEW40)	SISO	5190	SU	/	0.534	1.036	51.54	2.88	0.05
		5230	SU	/	0.534	1.036	51.54	2.88	0.03
802.11ax (HEW80)	SISO	5210	SU	/	0.288	0.790	36.46	4.38	0.01
802.11ax (HEW20)	MIMO	5180	SU	/	1.392	1.894	73.50	1.34	0.02
		5200	SU	/	1.010	1.512	66.80	1.75	0.03
		5240	SU	/	1.010	1.512	66.80	1.75	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	0.534	1.036	51.54	2.88	0.03
		5230	SU	/	0.534	1.035	51.59	2.87	0.04
802.11ax (HEW80)	MIMO	5210	SU	/	0.288	0.790	36.46	4.38	0.02

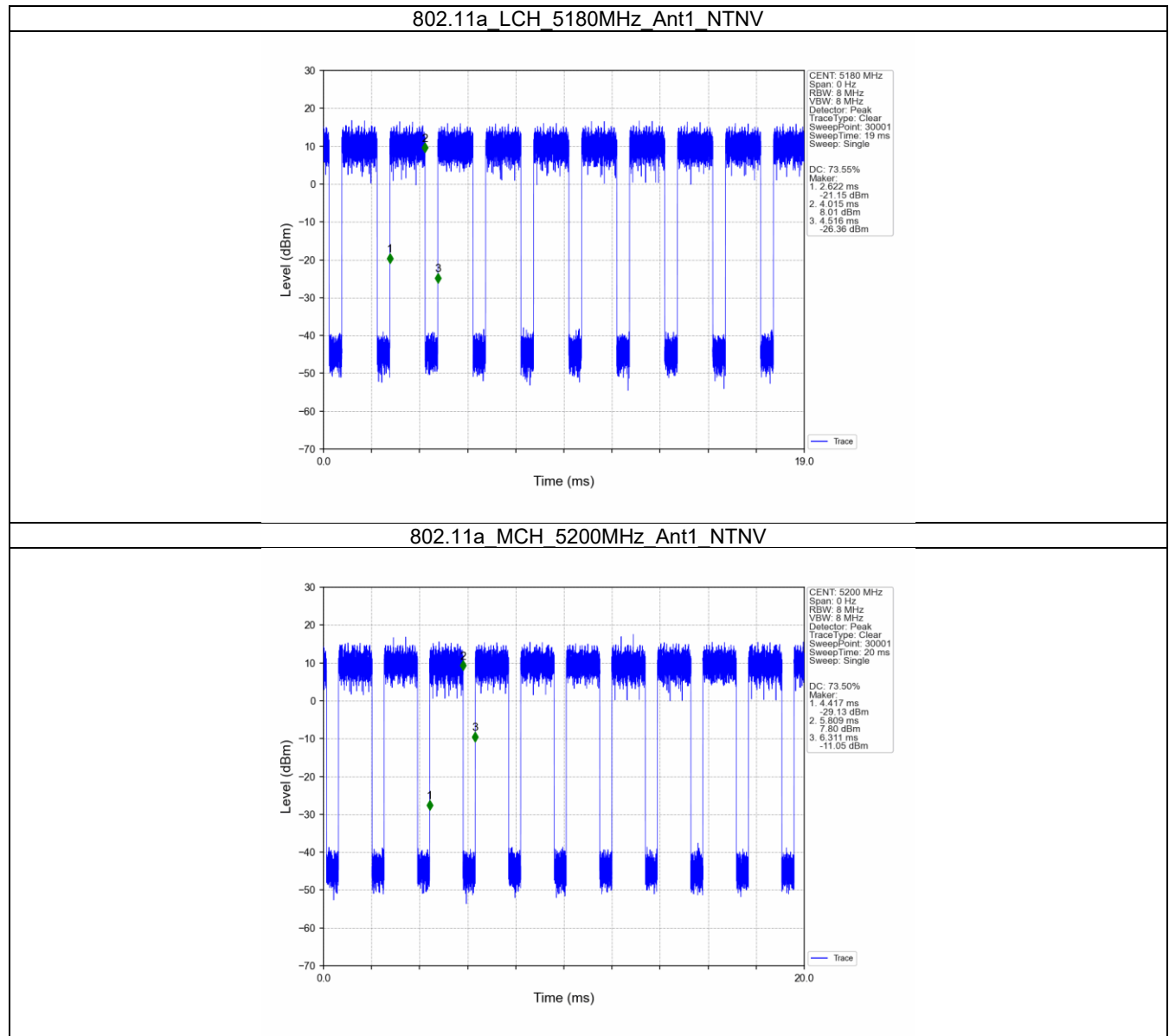
1.1.2 Ant2

Ant2									
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	/	/	100.000	100.000	100.00	0.00	0.00
		5200	/	/	1.393	1.895	73.51	1.34	0.06
		5240	/	/	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	5180	/	/	1.174	1.676	70.05	1.55	0.02
		5200	/	/	1.174	1.676	70.05	1.55	0.03
		5240	/	/	1.175	1.676	70.11	1.54	0.03
802.11n (HT40)	SISO	5190	/	/	100.000	100.000	100.00	0.00	0.00
		5230	/	/	0.584	1.086	53.78	2.69	0.03
802.11n (HT20)	MIMO	5180	/	/	1.174	1.675	70.09	1.54	0.03
		5200	/	/	1.175	1.676	70.11	1.54	0.03
		5240	/	/	1.174	1.676	70.05	1.55	0.03
802.11n (HT40)	MIMO	5190	/	/	0.584	1.086	53.78	2.69	0.02
		5230	/	/	0.584	1.086	53.78	2.69	0.00
802.11ac (VHT20)	SISO	5180	/	/	1.178	1.680	70.12	1.54	0.03
		5200	/	/	1.178	1.680	70.12	1.54	0.06
		5240	/	/	1.179	1.680	70.18	1.54	0.00
802.11ac (VHT40)	SISO	5190	/	/	0.591	1.093	54.07	2.67	0.02
		5230	/	/	0.577	1.079	53.48	2.72	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.289	0.790	36.58	4.37	0.03
802.11ac (VHT20)	MIMO	5180	/	/	1.178	1.680	70.12	1.54	0.03
		5200	/	/	1.179	1.681	70.14	1.54	0.03
		5240	/	/	1.179	1.681	70.14	1.54	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.591	1.093	54.07	2.67	0.03
		5230	/	/	0.577	1.079	53.48	2.72	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.289	0.791	36.54	4.37	0.03
802.11ax (HEW20)	SISO	5180	SU	/	1.392	1.894	73.50	1.34	0.03
		5200	SU	/	1.011	1.513	66.82	1.75	0.03
		5240	SU	/	1.010	1.513	66.75	1.76	0.03
802.11ax (HEW40)	SISO	5190	SU	/	0.534	1.036	51.54	2.88	0.03
		5230	SU	/	0.534	1.036	51.54	2.88	0.02
802.11ax (HEW80)	SISO	5210	SU	/	0.287	0.789	36.38	4.39	0.01
802.11ax (HEW20)	MIMO	5180	SU	/	1.392	1.894	73.50	1.34	0.03
		5200	SU	/	1.011	1.512	66.87	1.75	0.03
		5240	SU	/	1.010	1.512	66.80	1.75	0.01
802.11ax (HEW40)	MIMO	5190	SU	/	0.534	1.036	51.54	2.88	0.03
		5230	SU	/	0.534	1.036	51.54	2.88	0.02
802.11ax (HEW80)	MIMO	5210	SU	/	0.288	0.790	36.46	4.38	0.03

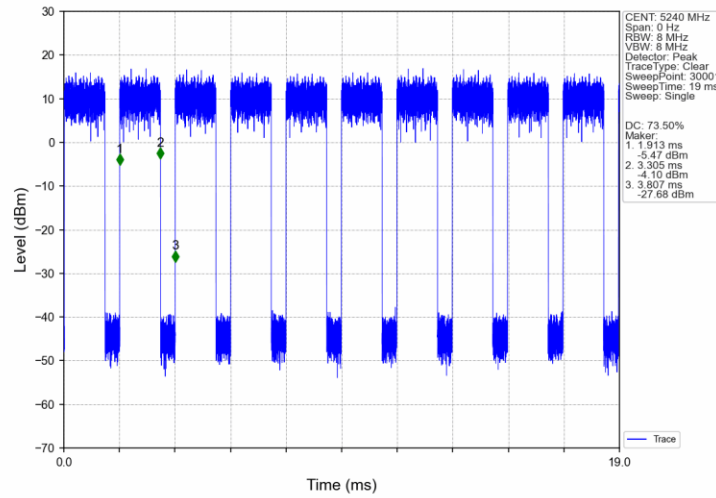
1.2 Test Graph

1.2.1 Ant1

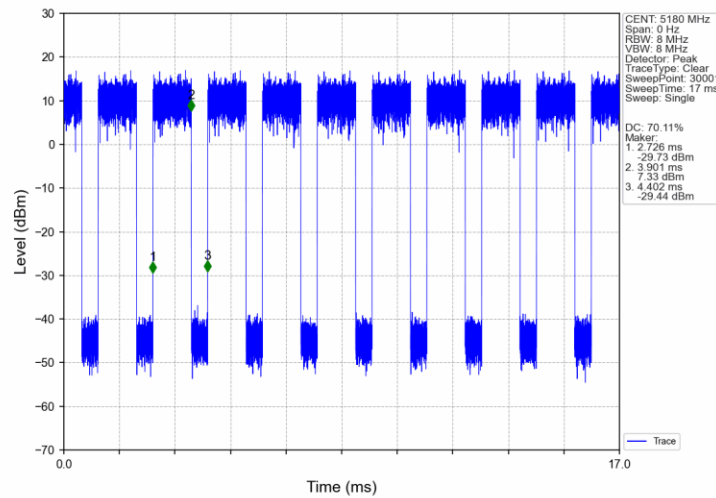




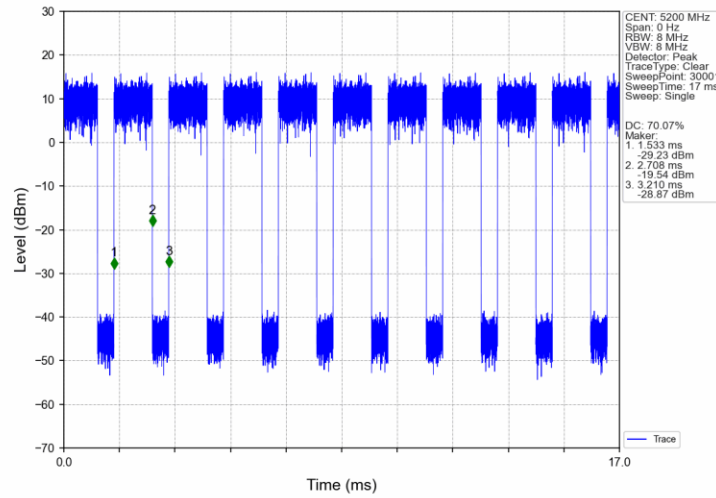
802.11a_HCH_5240MHz_Ant1_NTNV



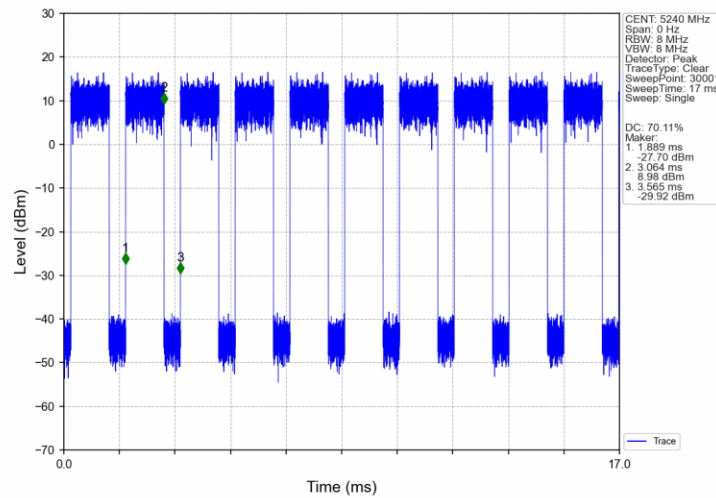
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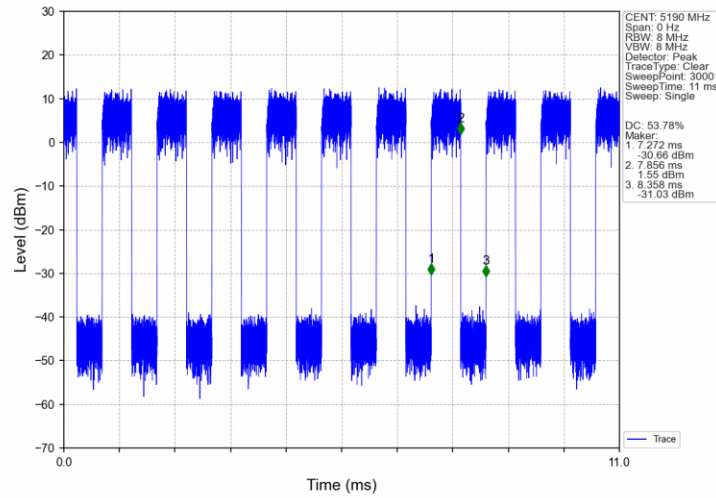
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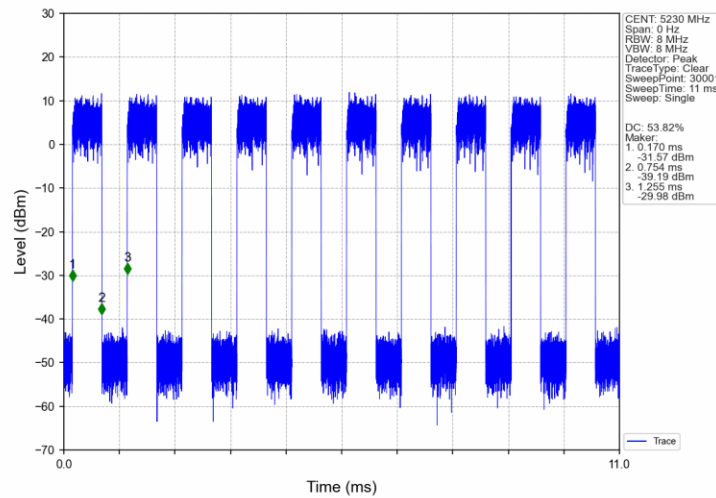
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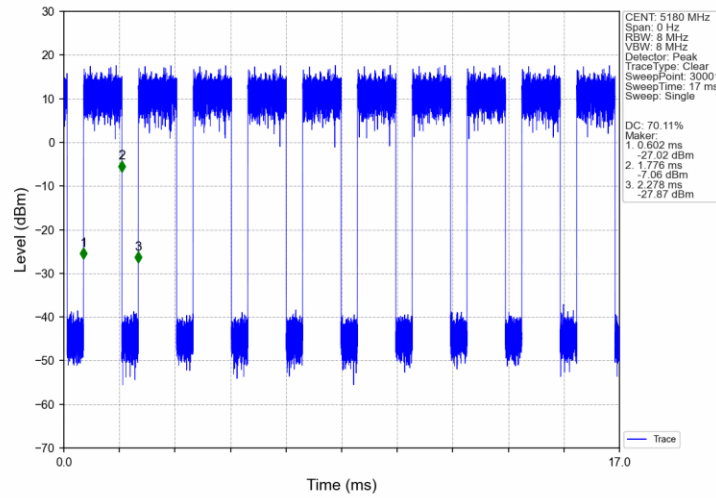
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



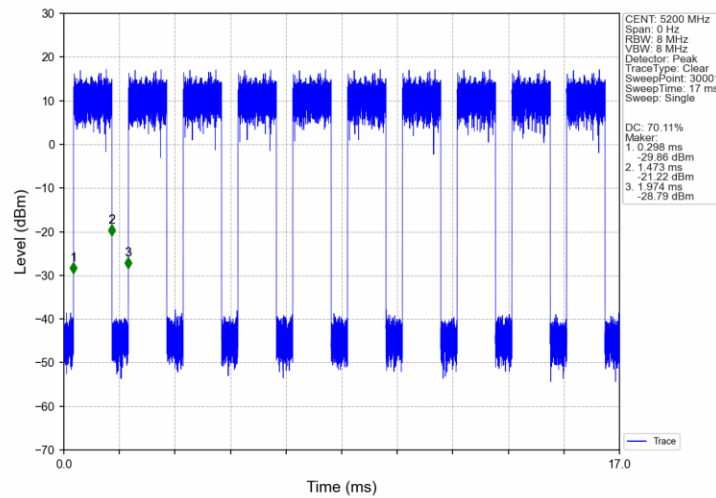
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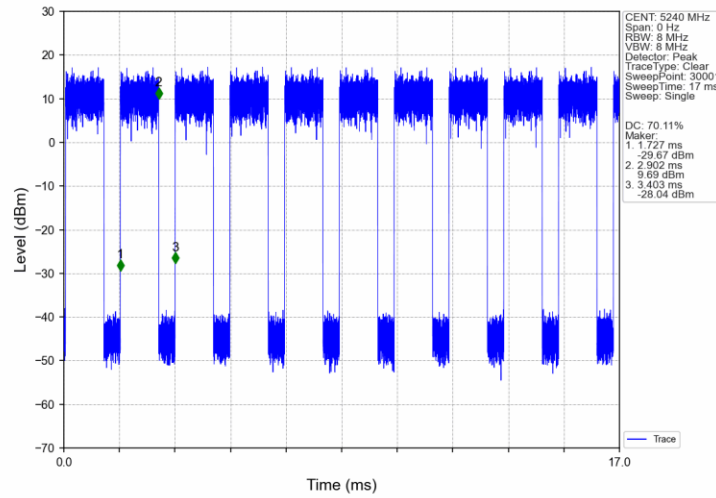
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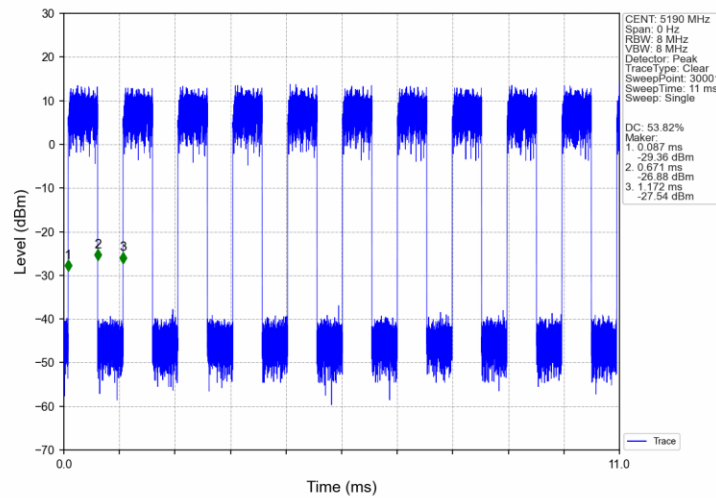
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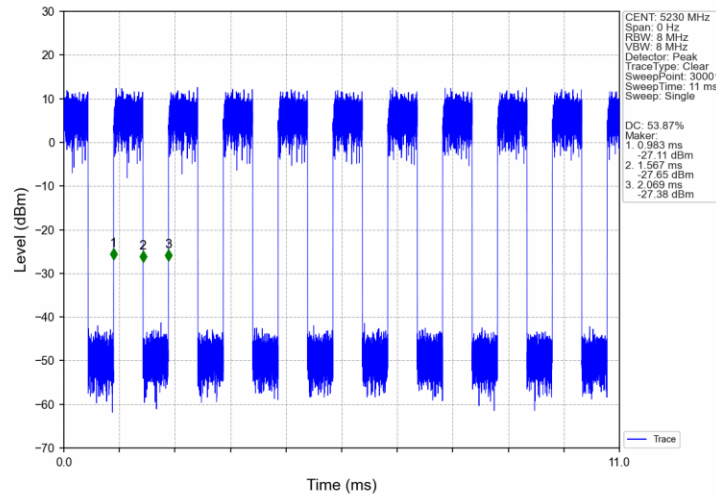
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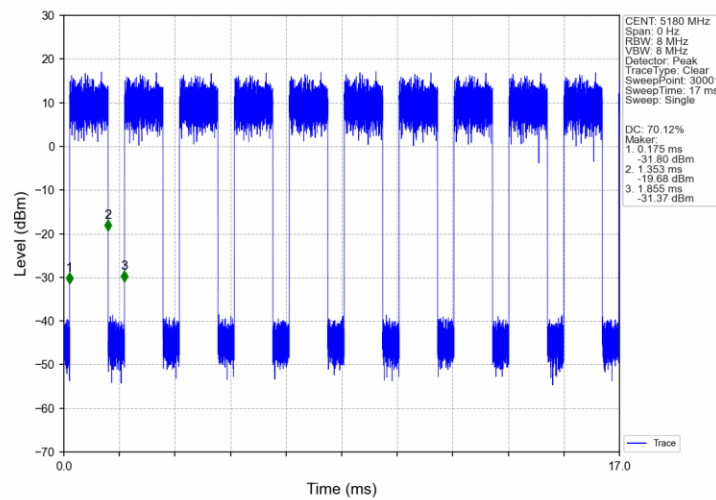
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



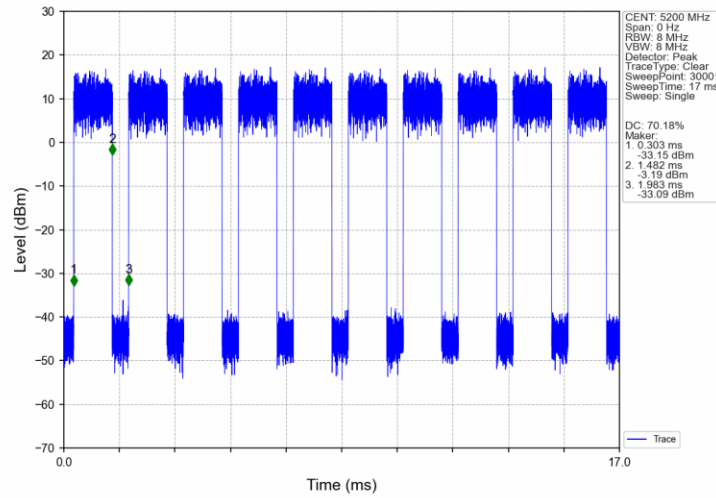
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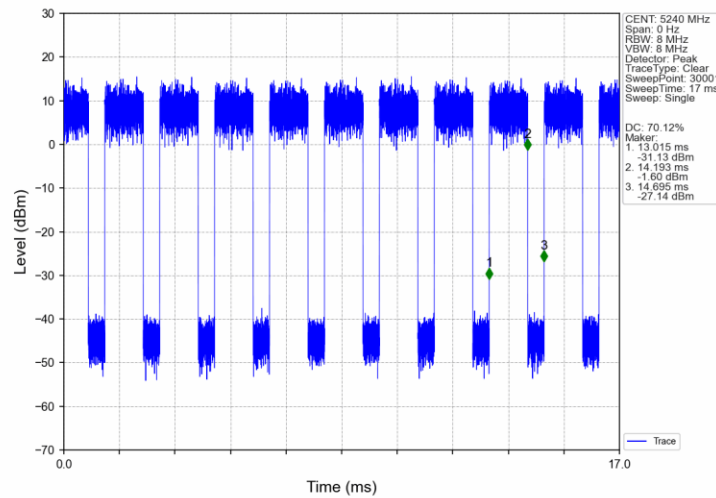
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



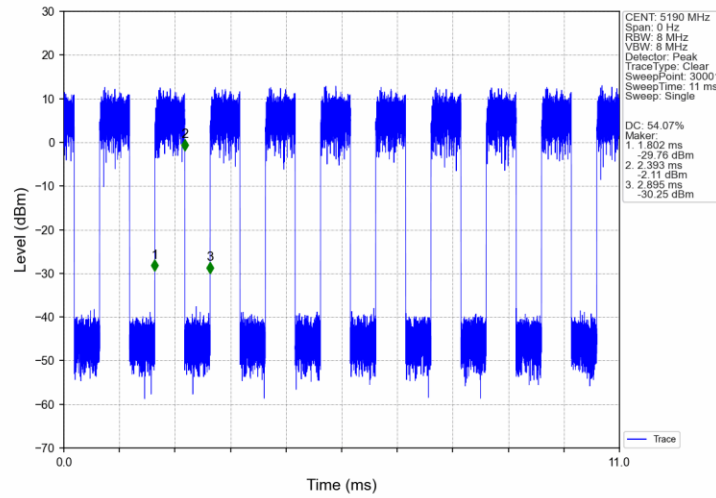
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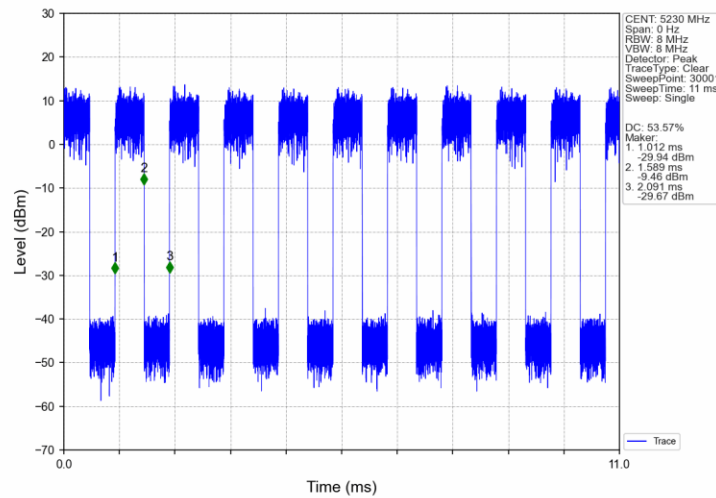
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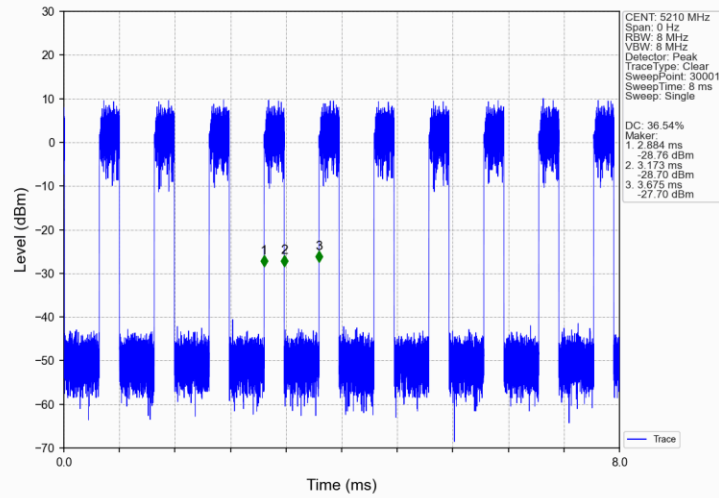
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



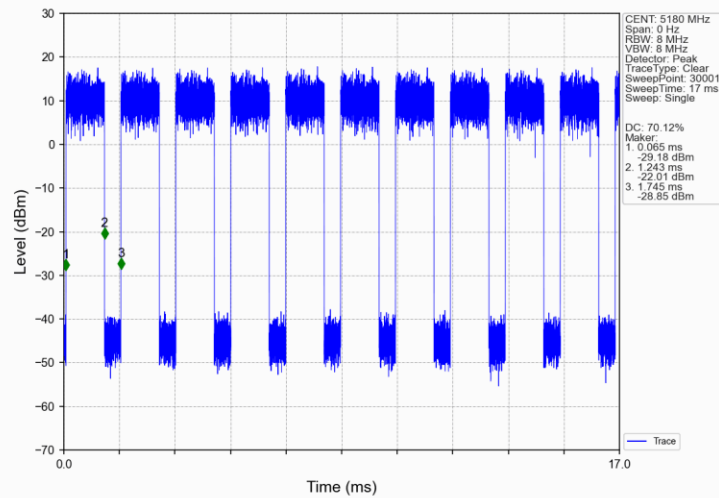
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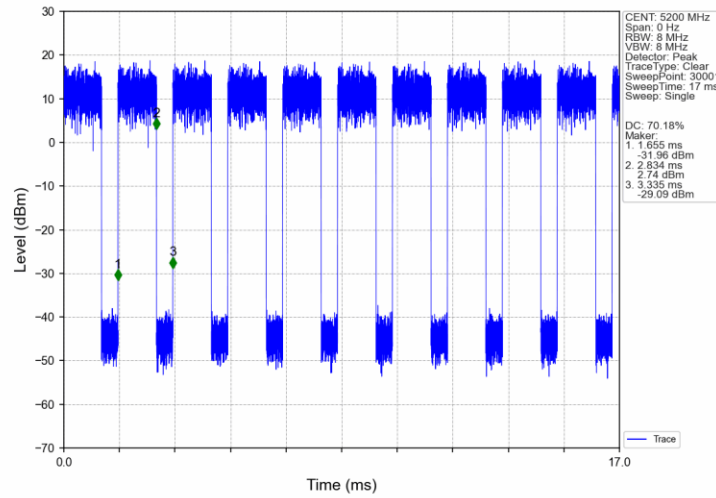
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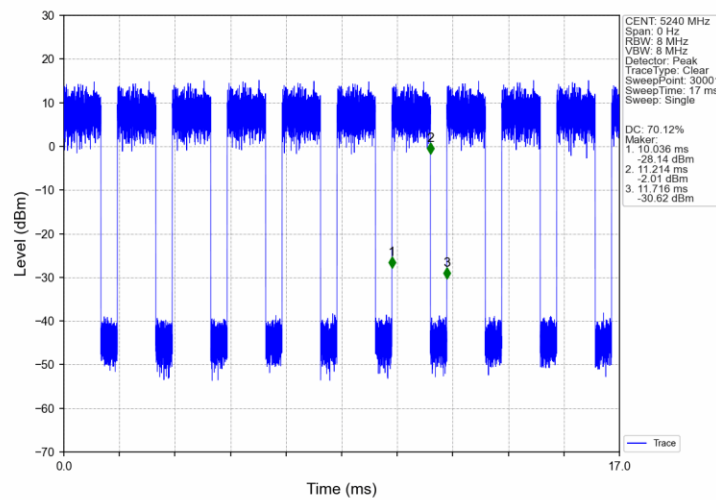
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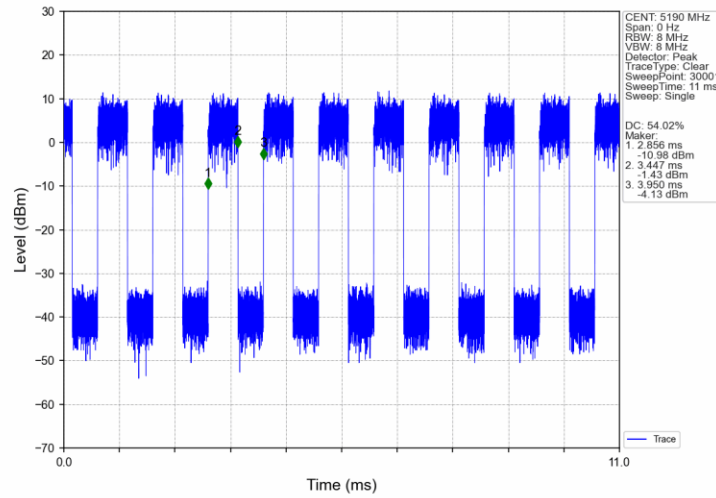
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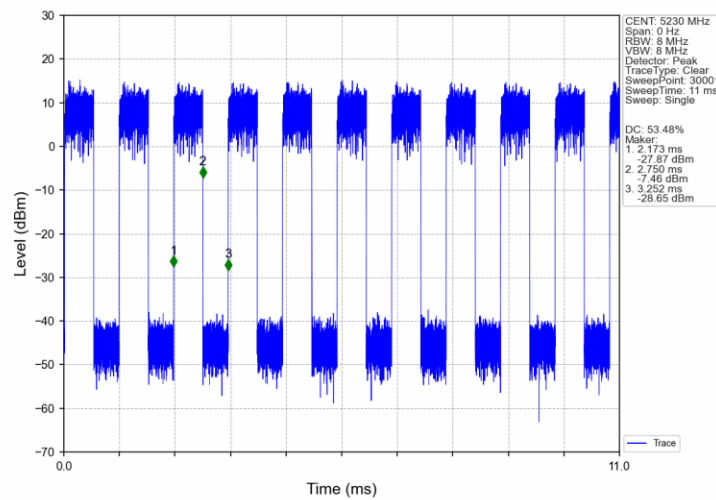
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



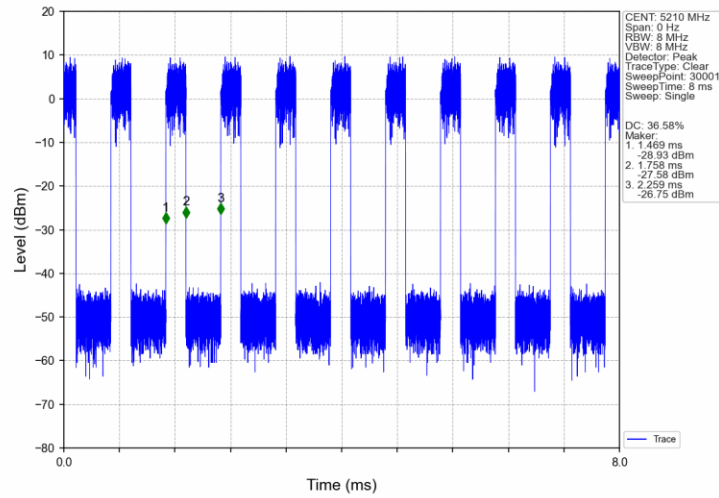
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



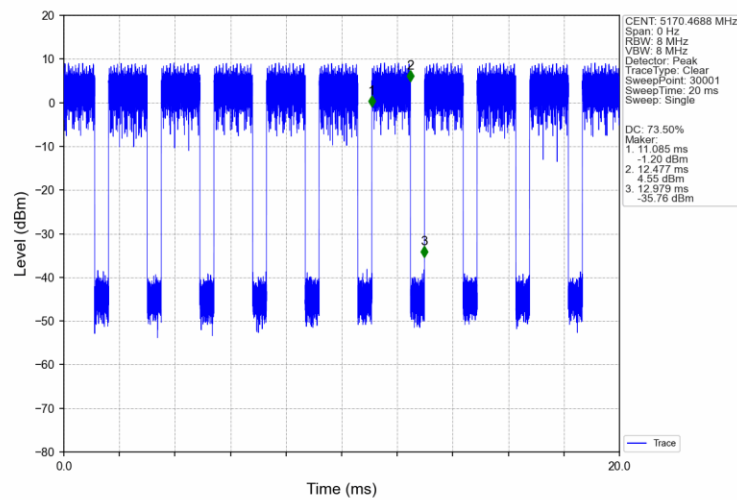
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



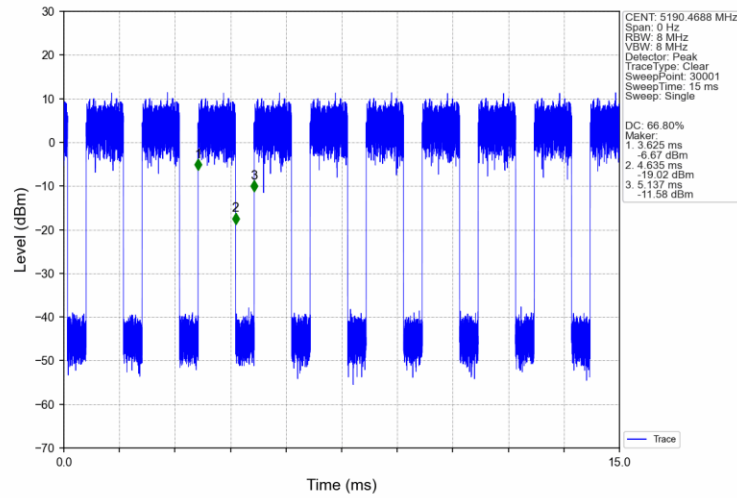
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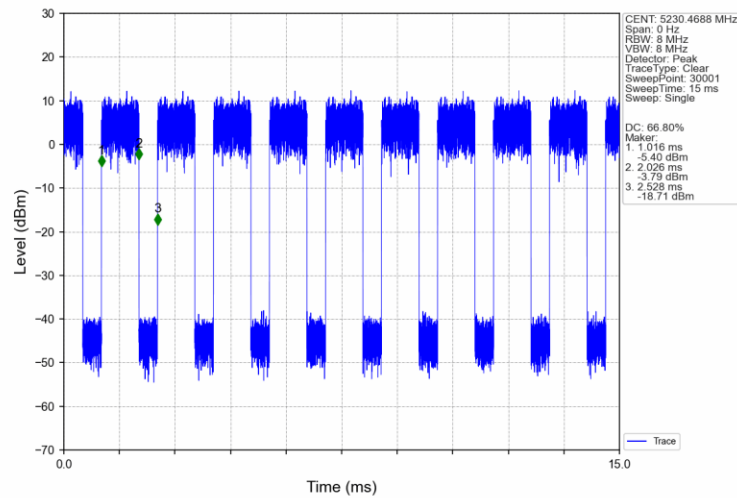
802.11ax(HEW20)_LCH_5180MHz_SU / Ant1 NTN



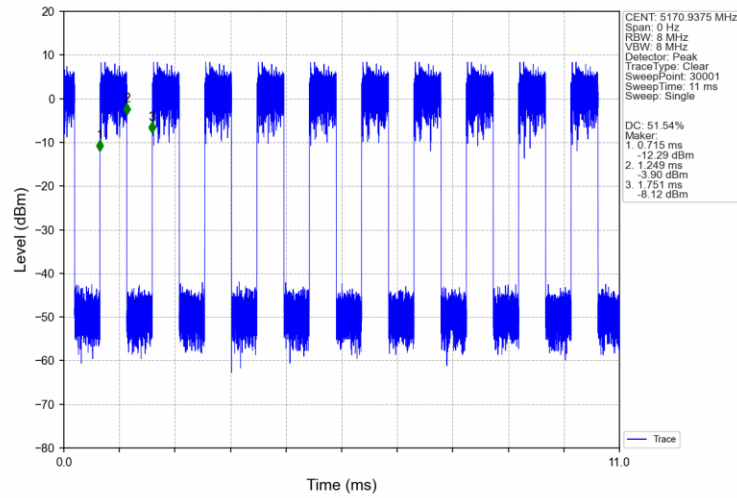
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



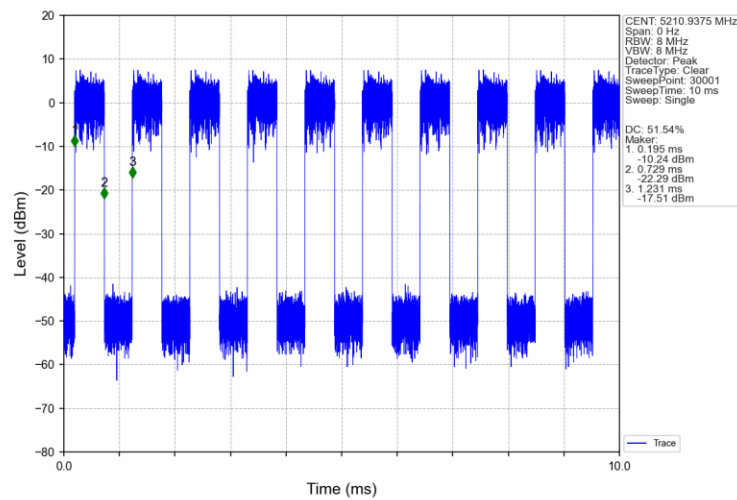
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



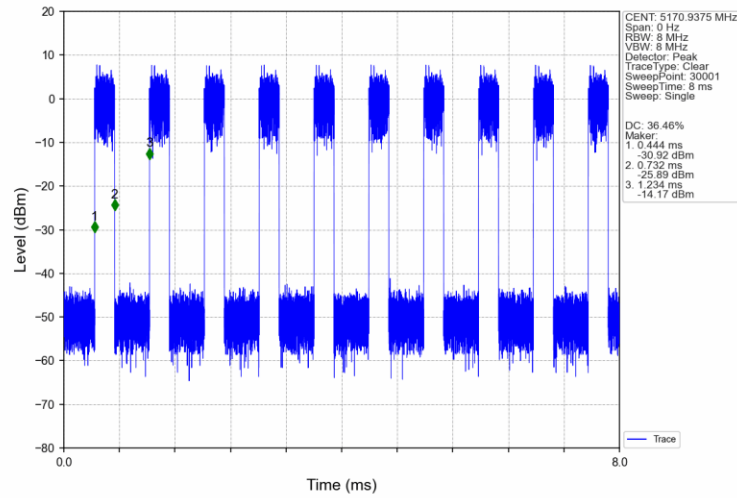
802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



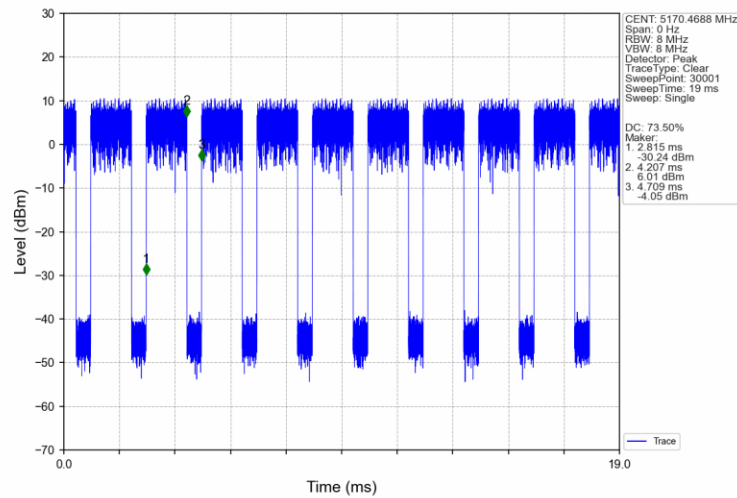
802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV



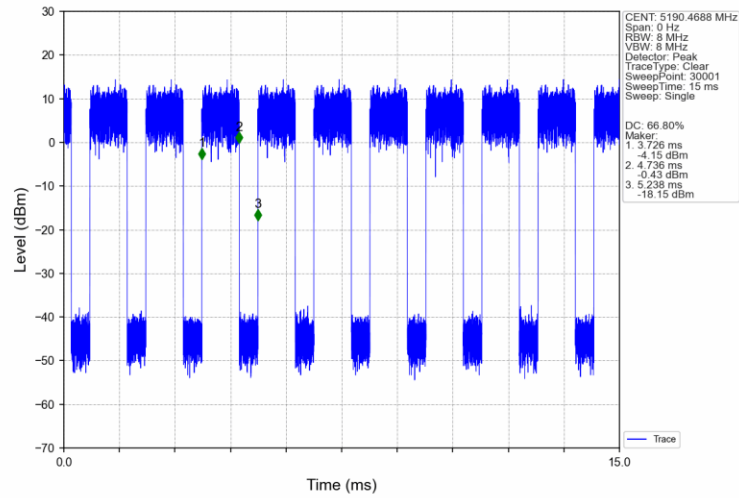
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



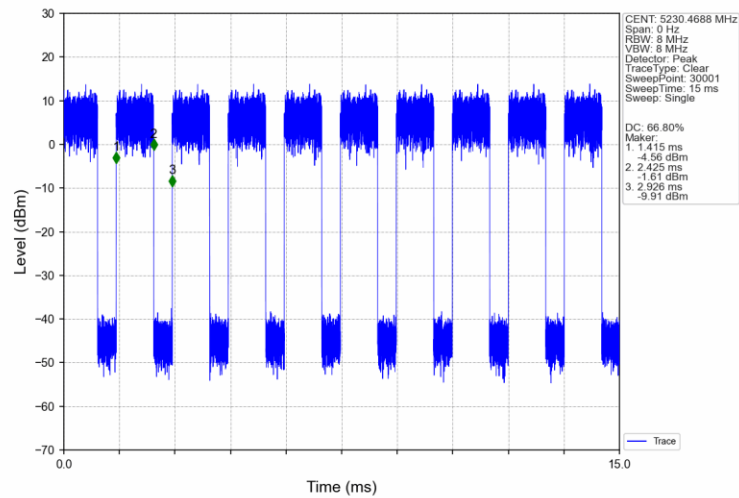
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



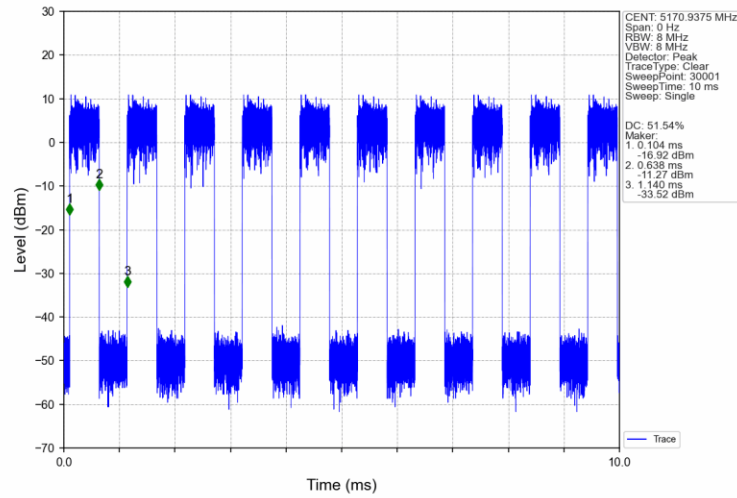
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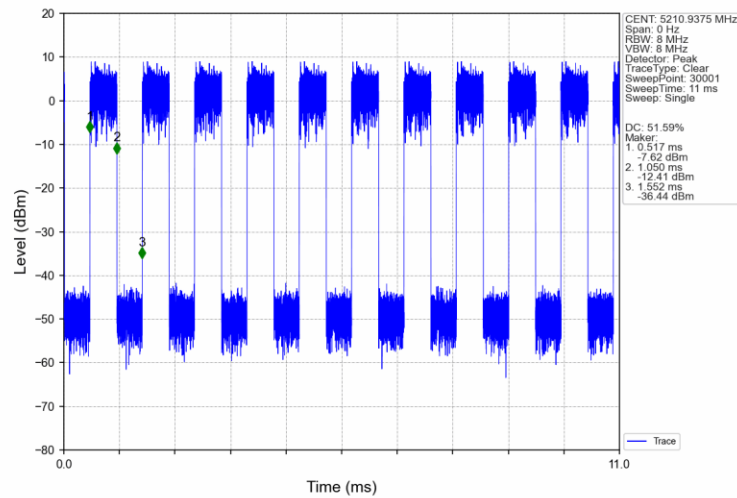
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



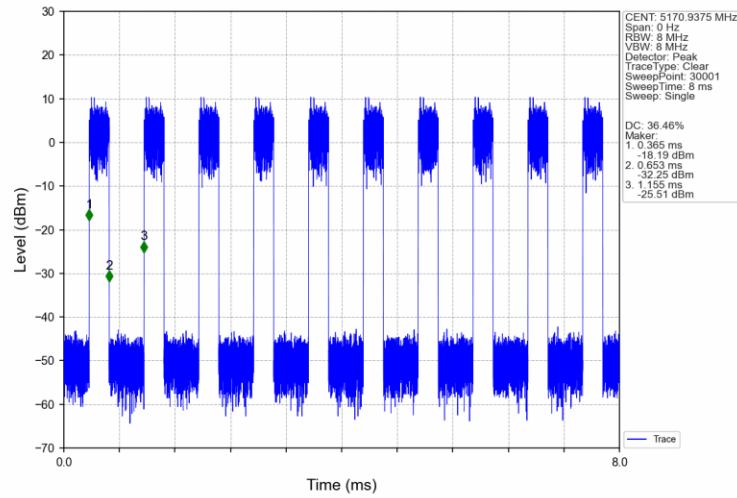
802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV

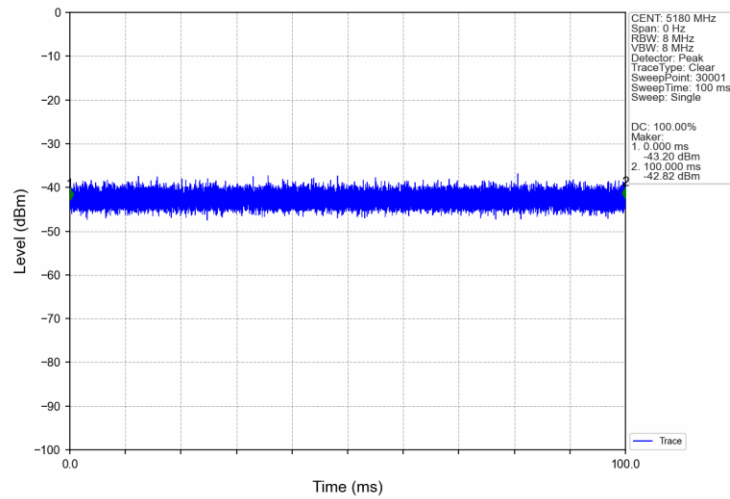


802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV

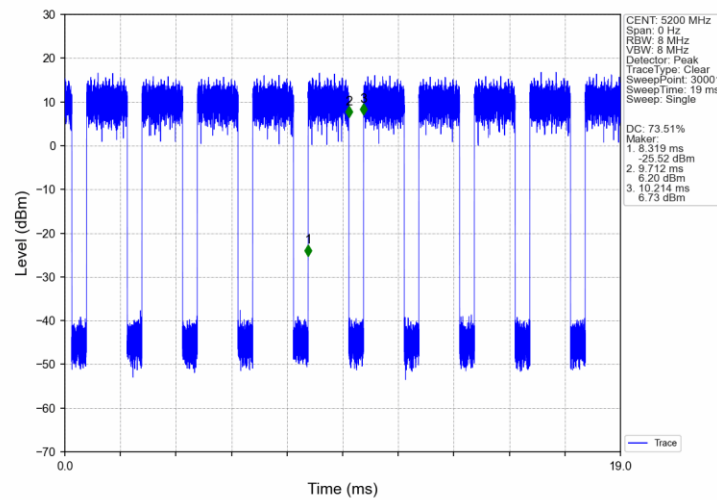


1.2.2 Ant2

802.11a_LCH_5180MHz_Ant2_NTNV

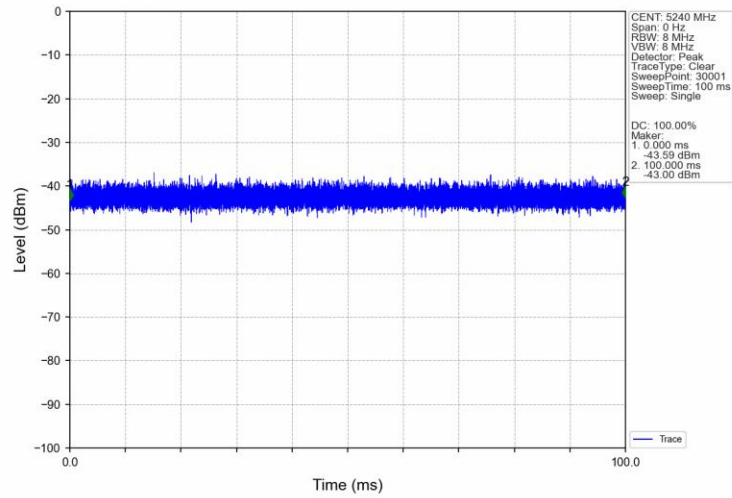


802.11a_MCH_5200MHz_Ant2_NTNV

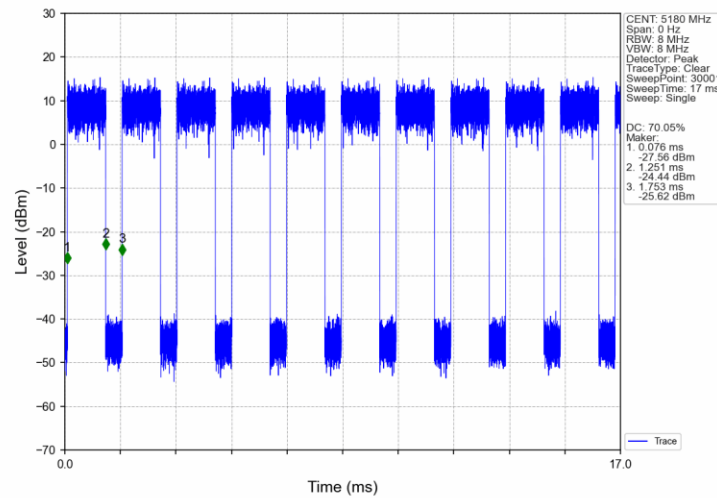




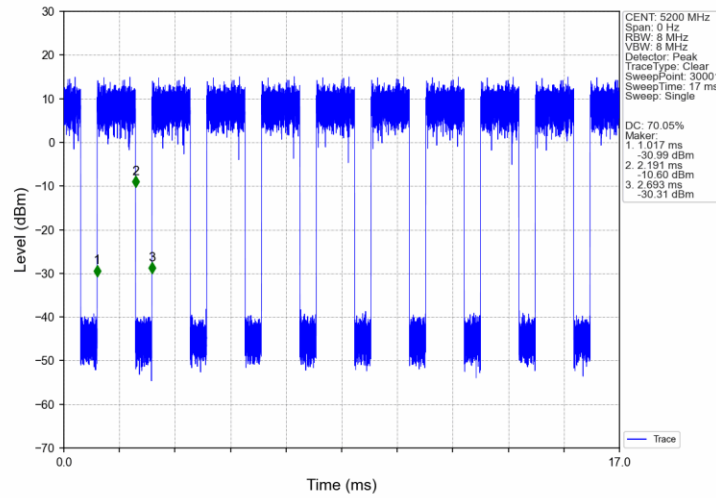
802.11a_HCH_5240MHz_Ant2_NTNV



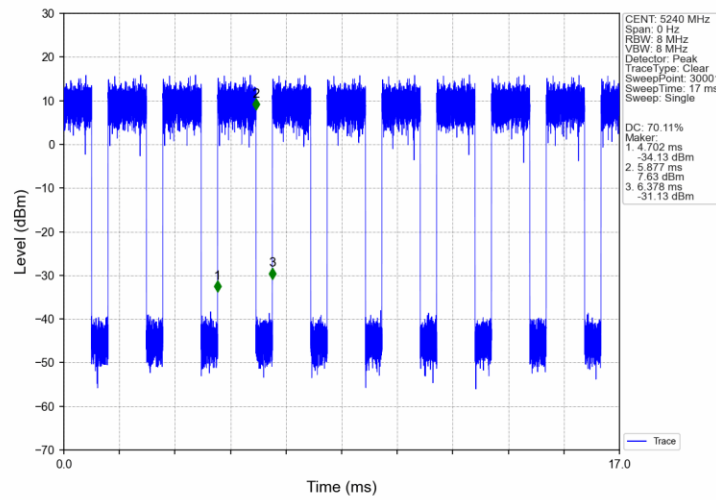
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



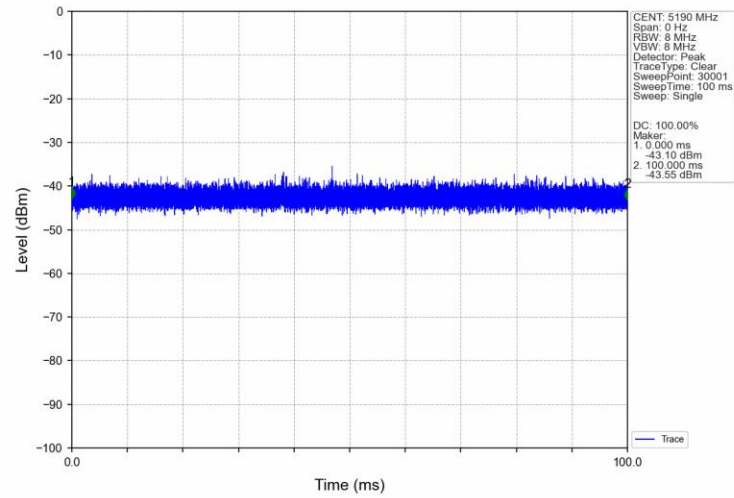
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



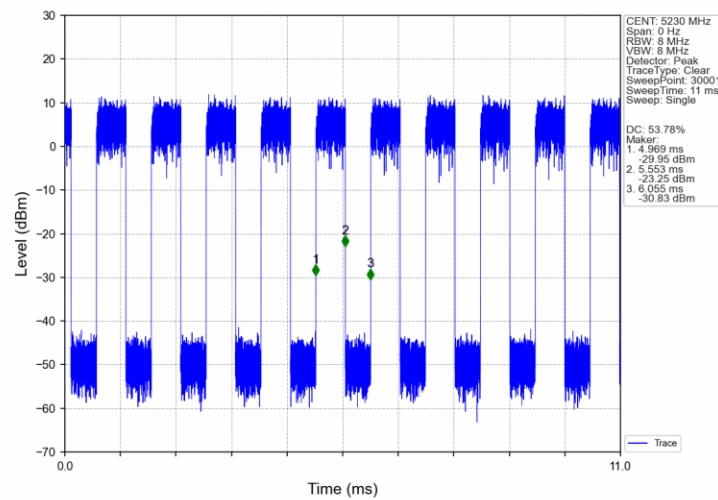
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



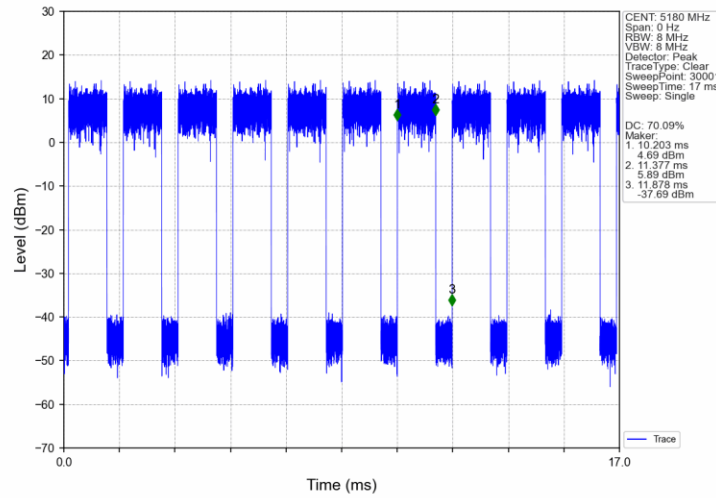
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



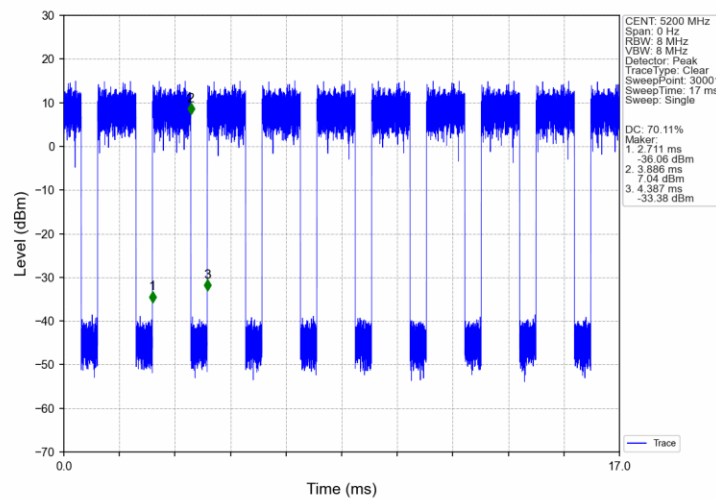
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



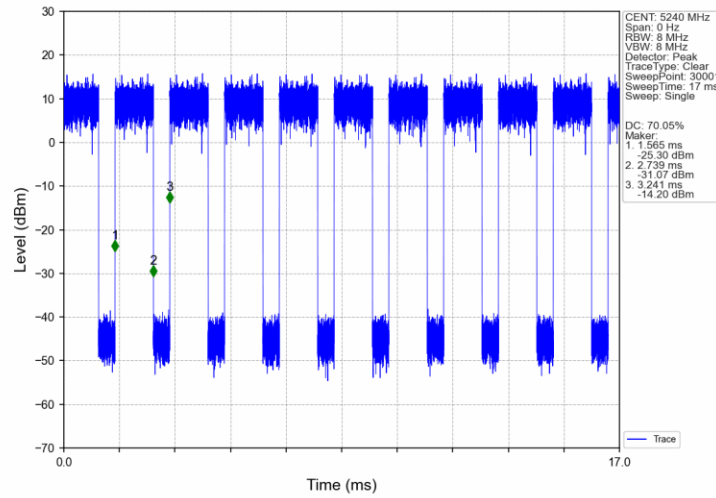
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



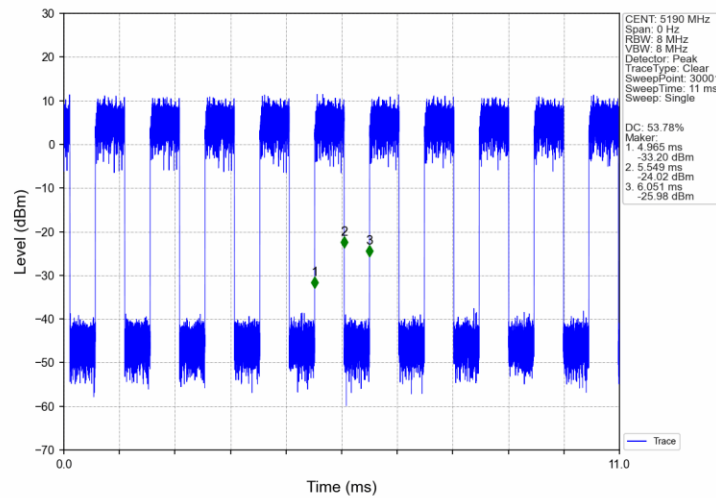
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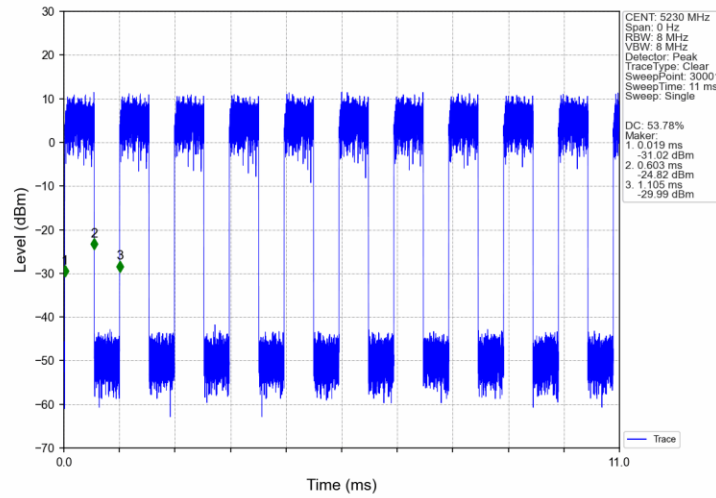
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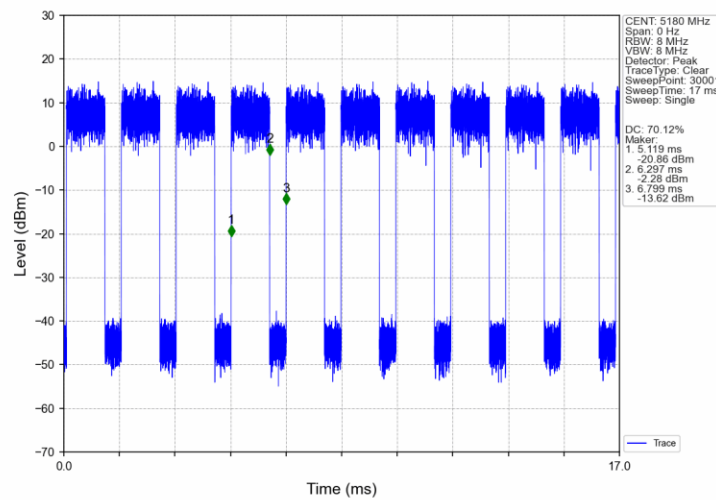
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



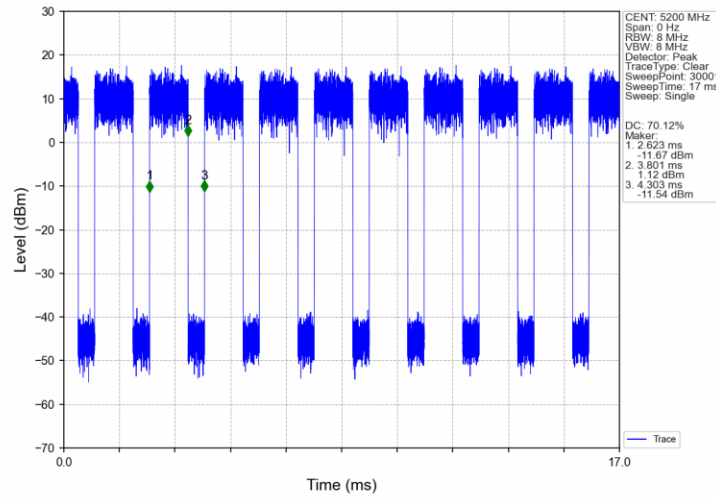
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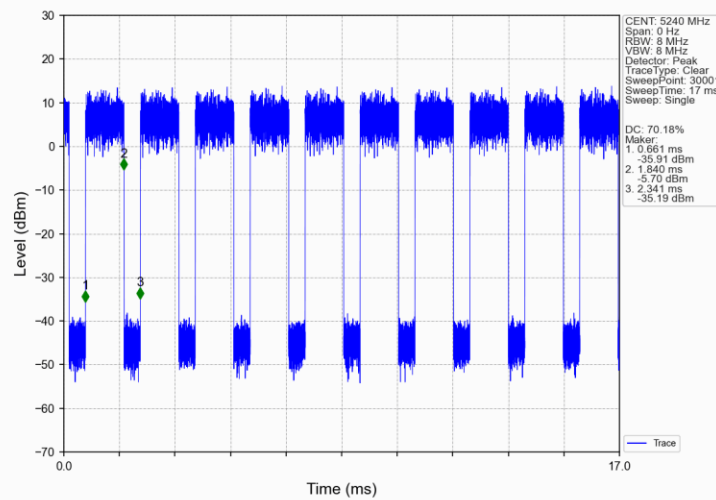
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



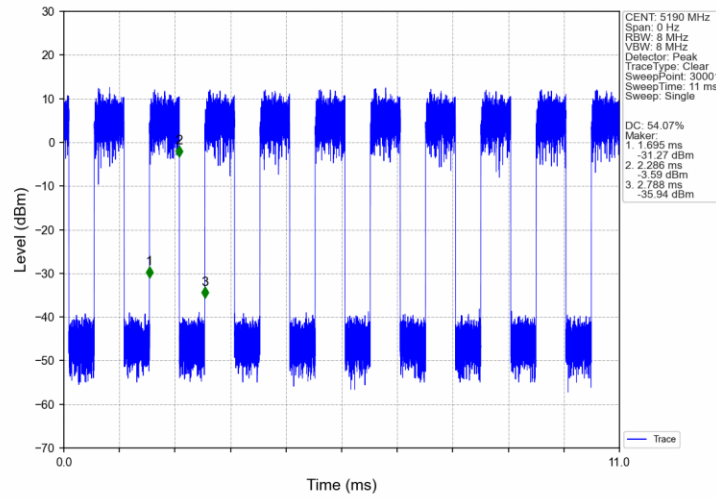
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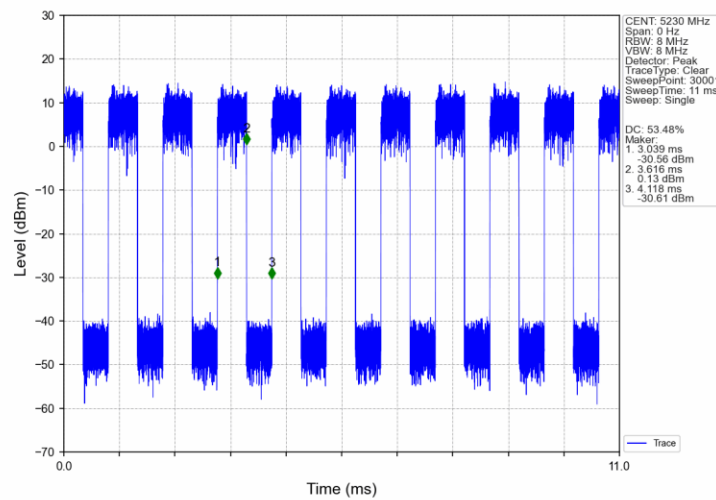
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



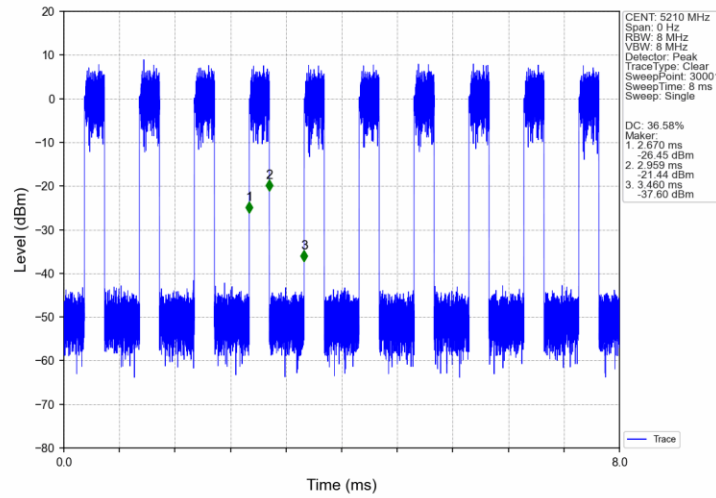
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



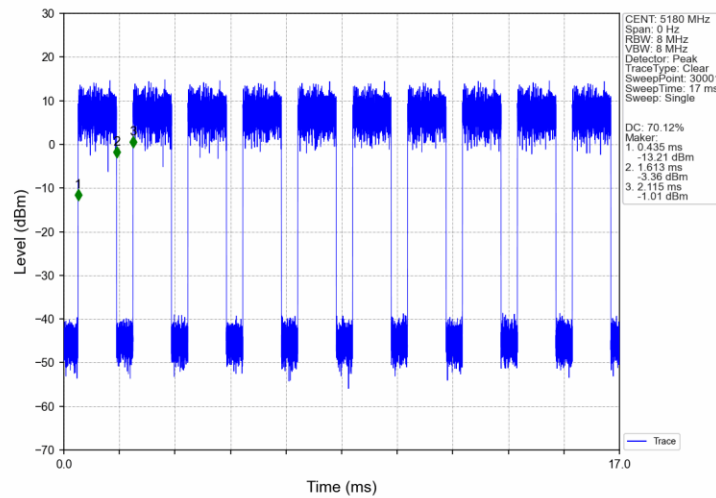
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



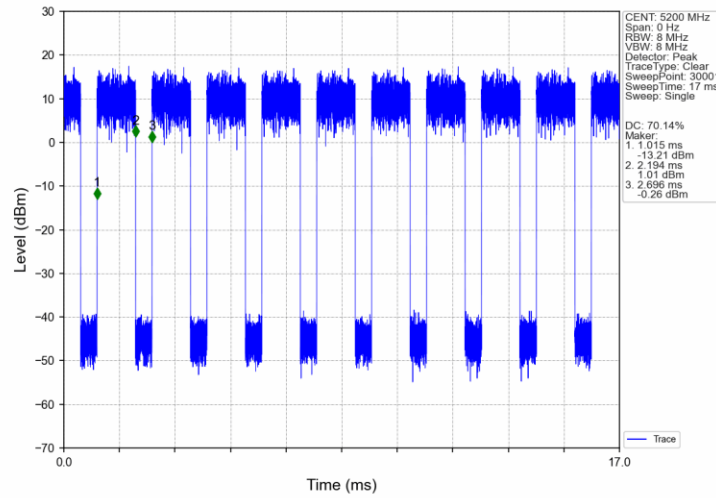
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



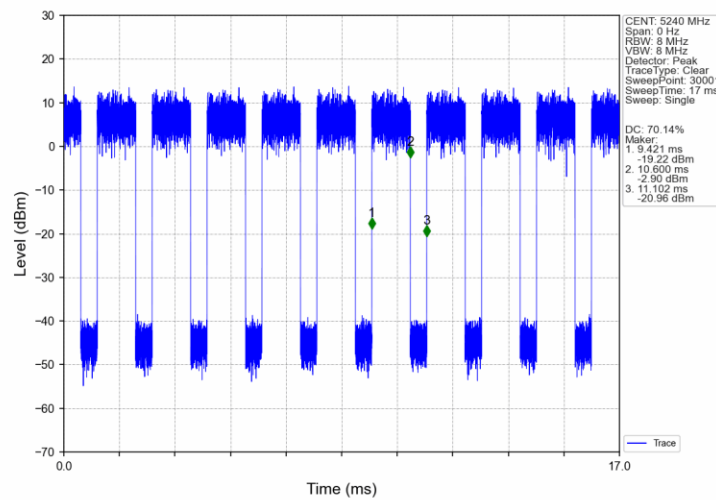
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



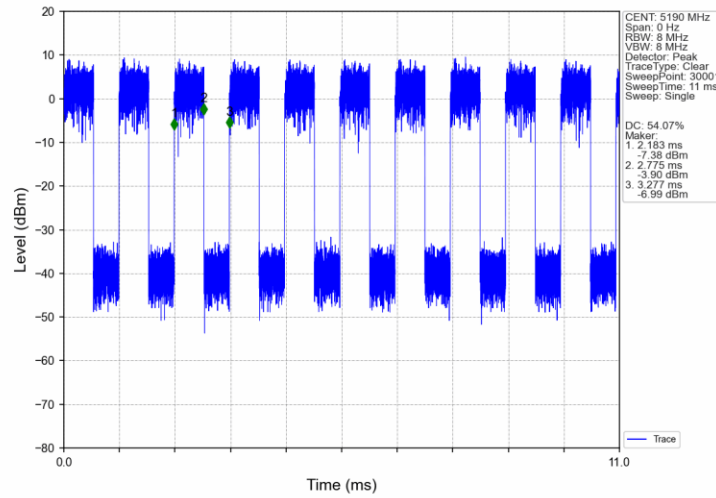
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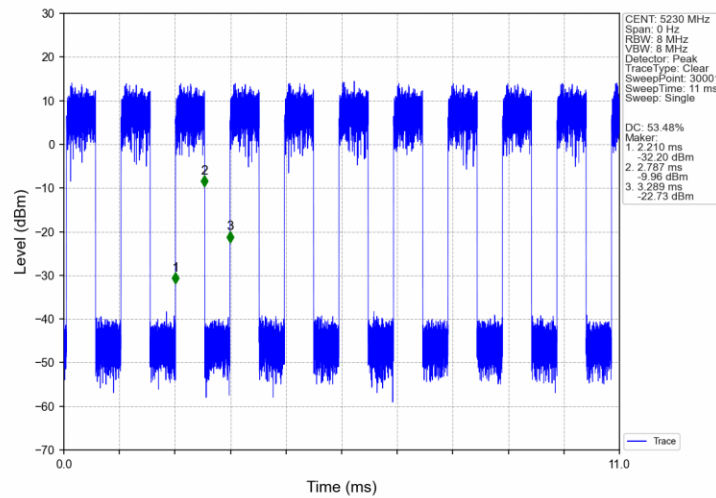
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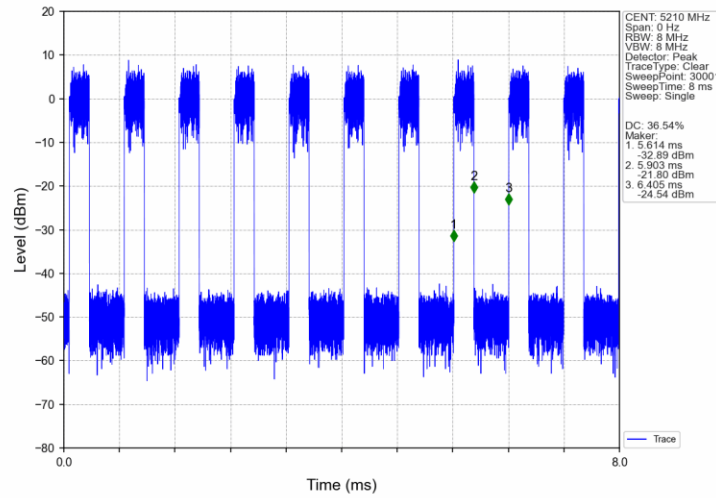
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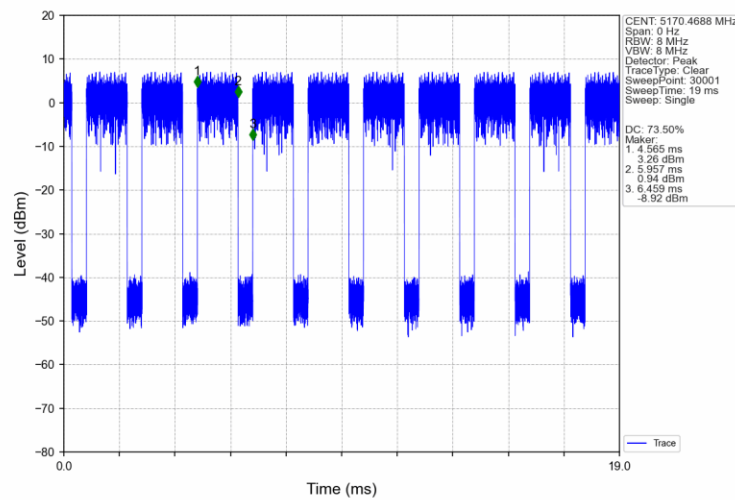
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



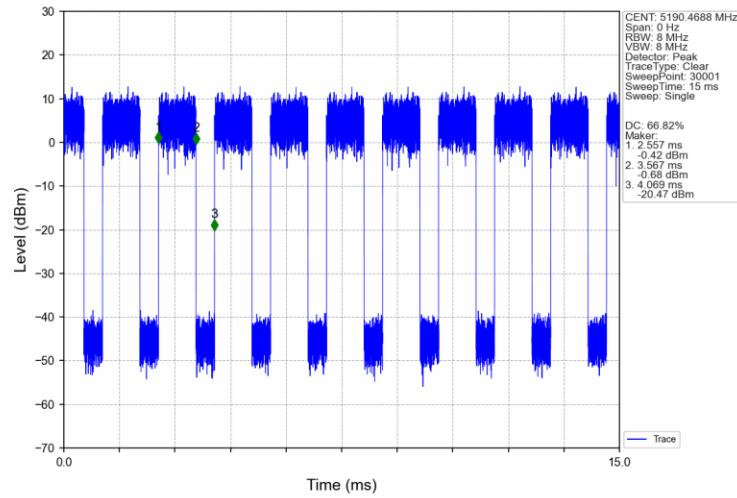
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



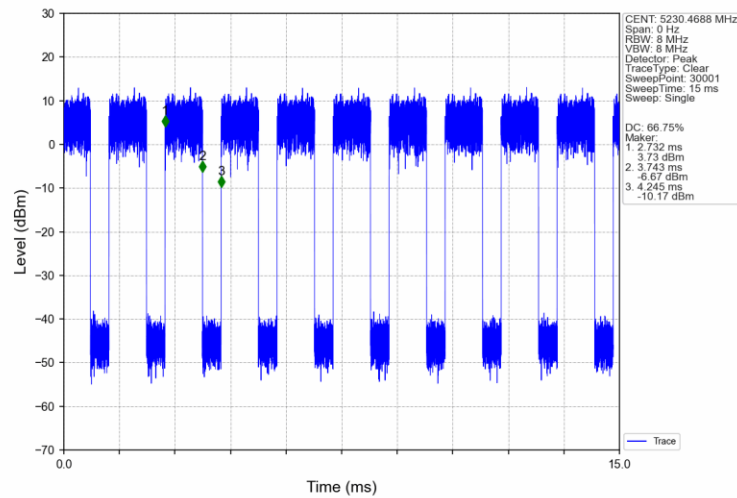
802.11ax(HEW20)_LCH_5180MHz_SU / Ant2 NTNv



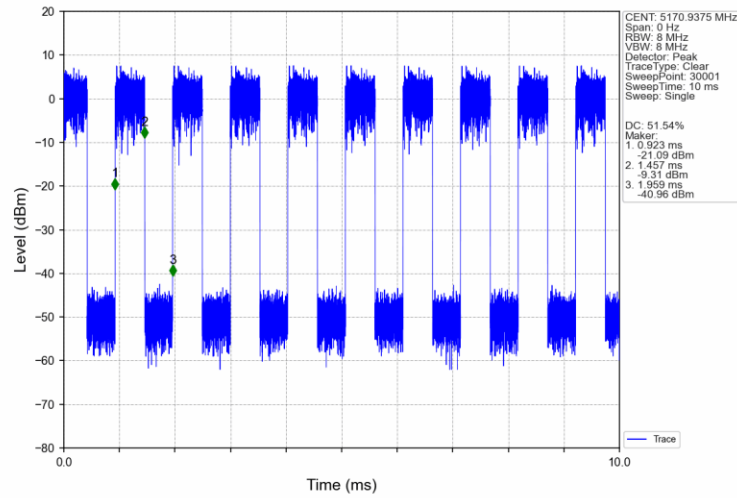
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



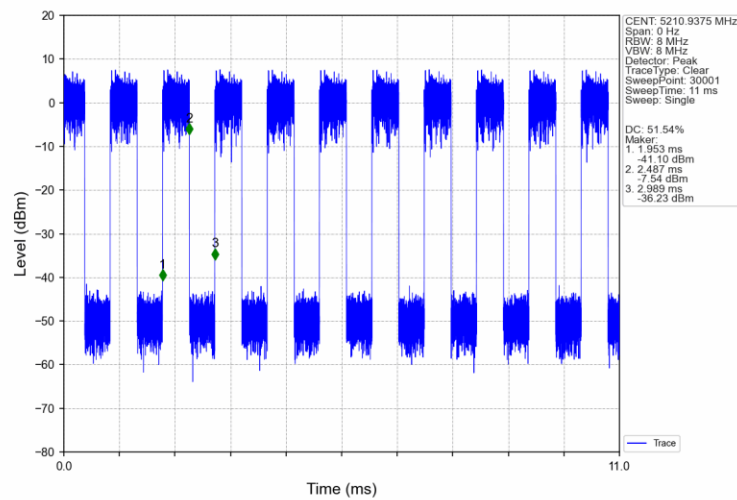
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV



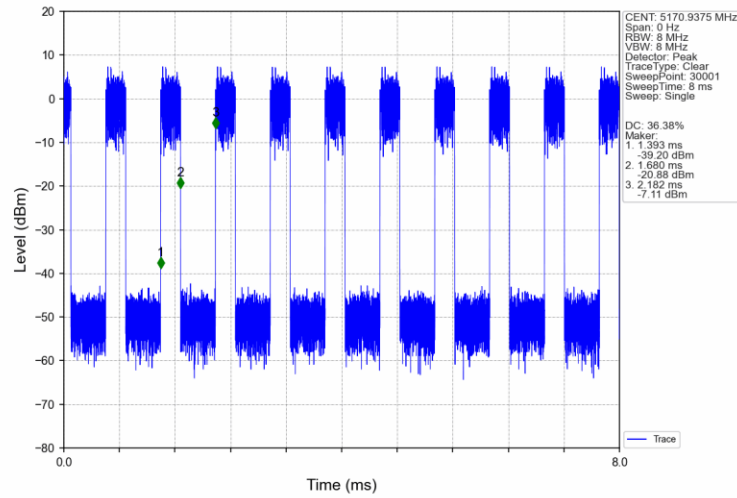
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant2_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV

