

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

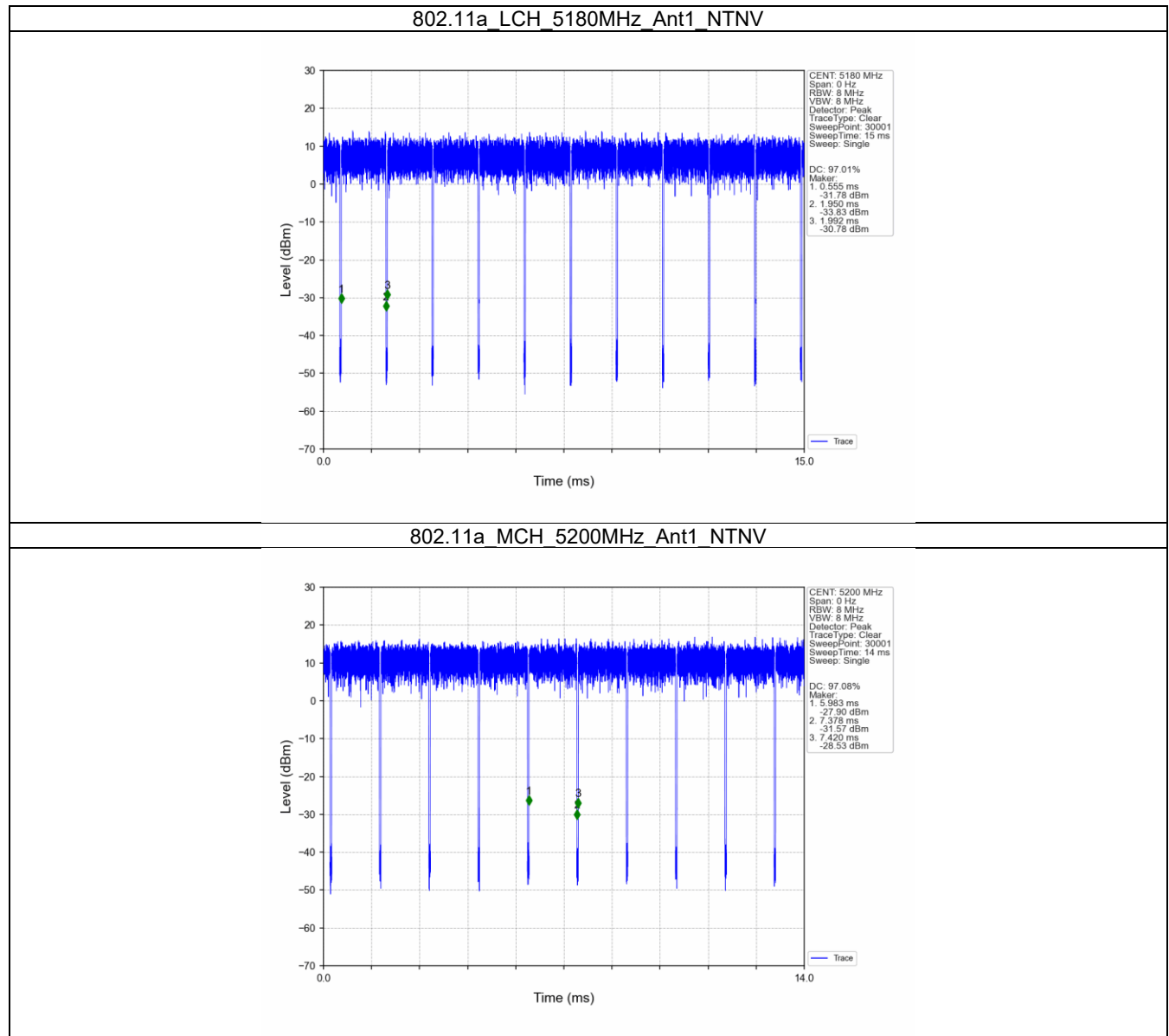
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.394	1.437	97.01	0.13	0.03
		5200	/	/	1.395	1.437	97.08	0.13	0.03
		5240	/	/	1.394	1.437	97.01	0.13	0.07
802.11n (HT20)	SISO	5180	/	/	1.302	1.345	96.80	0.14	0.03
		5200	/	/	1.302	1.345	96.80	0.14	0.03
		5240	/	/	1.302	1.345	96.80	0.14	0.07
802.11n (HT40)	SISO	5190	/	/	0.649	0.692	93.79	0.28	0.03
		5230	/	/	0.648	0.692	93.64	0.29	0.04
802.11n (HT20)	MIMO	5180	/	/	1.302	1.345	96.80	0.14	0.03
		5200	/	/	1.303	1.345	96.88	0.14	0.03
		5240	/	/	1.302	1.345	96.80	0.14	0.03
802.11n (HT40)	MIMO	5190	/	/	0.650	0.692	93.93	0.27	0.03
		5230	/	/	0.649	0.692	93.79	0.28	0.03
802.11ac (VHT20)	SISO	5180	/	/	1.315	1.357	96.90	0.14	0.03
		5200	/	/	1.315	1.357	96.90	0.14	0.03
		5240	/	/	1.312	1.357	96.68	0.15	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.654	0.696	93.97	0.27	0.03
		5230	/	/	0.652	0.696	93.68	0.28	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.325	0.368	88.32	0.54	0.10
802.11ac (VHT20)	MIMO	5180	/	/	1.315	1.357	96.90	0.14	0.03
		5200	/	/	1.314	1.357	96.83	0.14	0.07
		5240	/	/	1.314	1.357	96.83	0.14	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.654	0.696	93.97	0.27	0.03
		5230	/	/	0.653	0.696	93.82	0.28	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.325	0.368	88.32	0.54	0.07
802.11ax (HEW20)	SISO	5180	SU	/	1.313	1.357	96.76	0.14	0.07
		5200	SU	/	1.312	1.357	96.68	0.15	0.03
		5240	SU	/	1.312	1.357	96.68	0.15	0.03
802.11ax (HEW40)	SISO	5190	SU	/	0.653	0.696	93.82	0.28	0.03
		5230	SU	/	0.653	0.696	93.82	0.28	0.03
802.11ax (HEW80)	SISO	5210	SU	/	0.324	0.367	88.28	0.54	0.07
802.11ax (HEW20)	MIMO	5180	SU	/	1.313	1.357	96.76	0.14	0.03
		5200	SU	/	1.312	1.357	96.68	0.15	0.03
		5240	SU	/	1.313	1.357	96.76	0.14	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	0.652	0.696	93.68	0.28	0.06
		5230	SU	/	0.652	0.696	93.68	0.28	0.03
802.11ax (HEW80)	MIMO	5210	SU	/	0.325	0.368	88.32	0.54	0.11

1.1.2 Ant2

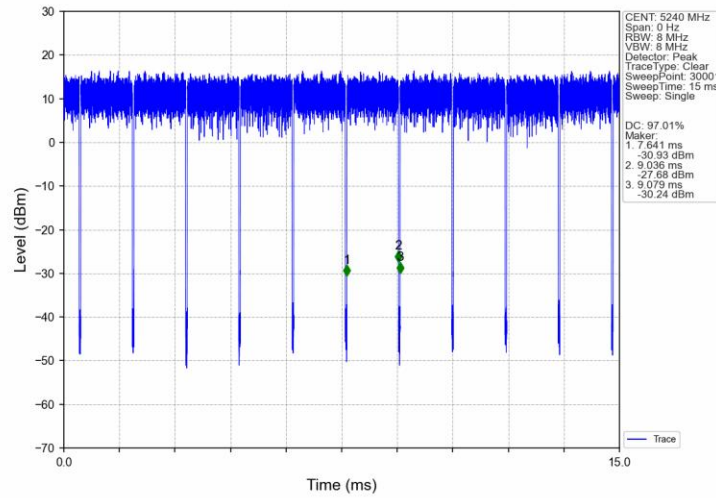
Ant2									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.394	1.436	97.08	0.13	0.00
		5200	/	/	1.395	1.437	97.08	0.13	0.03
		5240	/	/	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	5180	/	/	1.303	1.345	96.88	0.14	0.03
		5200	/	/	1.302	1.345	96.80	0.14	0.03
		5240	/	/	1.303	1.345	96.88	0.14	0.03
802.11n (HT40)	SISO	5190	/	/	0.649	0.692	93.79	0.28	0.03
		5230	/	/	0.650	0.692	93.93	0.27	0.03
802.11n (HT20)	MIMO	5180	/	/	1.300	1.345	96.65	0.15	0.10
		5200	/	/	1.302	1.345	96.80	0.14	0.03
		5240	/	/	1.302	1.345	96.80	0.14	0.03
802.11n (HT40)	MIMO	5190	/	/	0.650	0.692	93.93	0.27	0.03
		5230	/	/	0.650	0.692	93.93	0.27	0.03
802.11ac (VHT20)	SISO	5180	/	/	1.314	1.357	96.83	0.14	0.03
		5200	/	/	1.315	1.358	96.83	0.14	0.03
		5240	/	/	1.312	1.358	96.61	0.15	0.14
802.11ac (VHT40)	SISO	5190	/	/	0.654	0.696	93.97	0.27	0.00
		5230	/	/	0.654	0.696	93.97	0.27	0.00
802.11ac (VHT80)	SISO	5210	/	/	0.325	0.367	88.56	0.53	0.07
802.11ac (VHT20)	MIMO	5180	/	/	1.314	1.356	96.90	0.14	0.03
		5200	/	/	1.314	1.357	96.83	0.14	0.03
		5240	/	/	1.315	1.357	96.90	0.14	0.03
802.11ac (VHT40)	MIMO	5190	/	/	0.654	0.696	93.97	0.27	0.00
		5230	/	/	0.654	0.696	93.97	0.27	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.325	0.368	88.32	0.54	0.07
802.11ax (HEW20)	SISO	5180	SU	/	1.312	1.357	96.68	0.15	0.03
		5200	SU	/	1.313	1.357	96.76	0.14	0.03
		5240	SU	/	100.000	100.000	100.00	0.00	0.00
802.11ax (HEW40)	SISO	5190	SU	/	0.652	0.696	93.68	0.28	0.03
		5230	SU	/	0.652	0.696	93.68	0.28	0.06
802.11ax (HEW80)	SISO	5210	SU	/	0.324	0.367	88.28	0.54	0.10
802.11ax (HEW20)	MIMO	5180	SU	/	1.312	1.357	96.68	0.15	0.03
		5200	SU	/	1.312	1.357	96.68	0.15	0.03
		5240	SU	/	1.312	1.356	96.76	0.14	0.00
802.11ax (HEW40)	MIMO	5190	SU	/	0.652	0.696	93.68	0.28	0.03
		5230	SU	/	0.652	0.696	93.68	0.28	0.07
802.11ax (HEW80)	MIMO	5210	SU	/	0.324	0.367	88.28	0.54	0.04

1.2 Test Graph

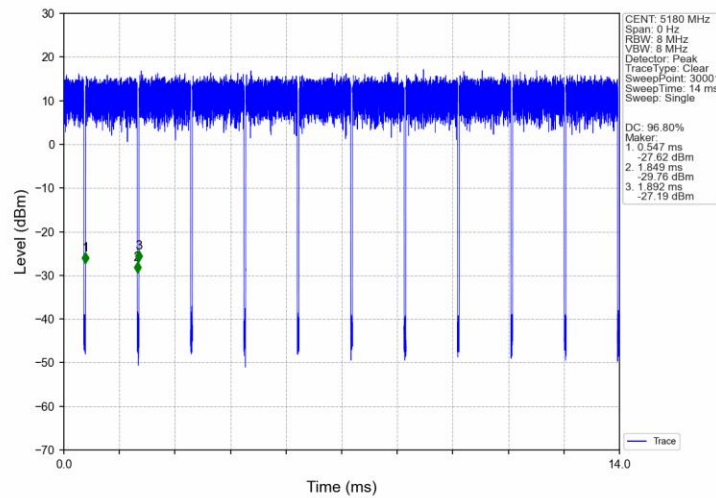
1.2.1 Ant1



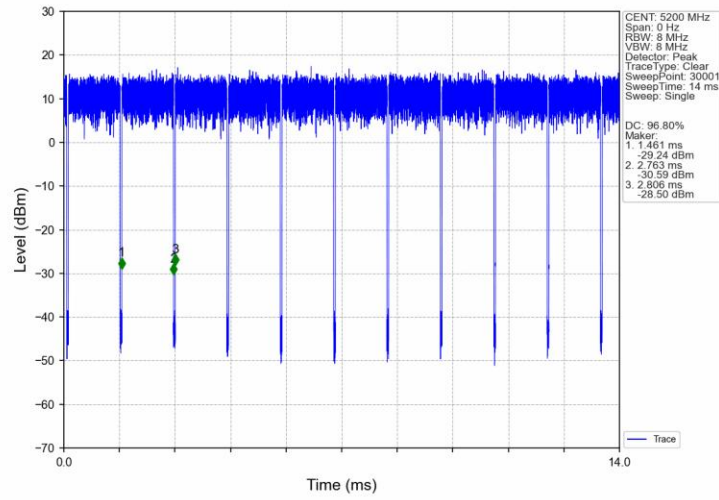
802.11a_HCH_5240MHz_Ant1_NTNV



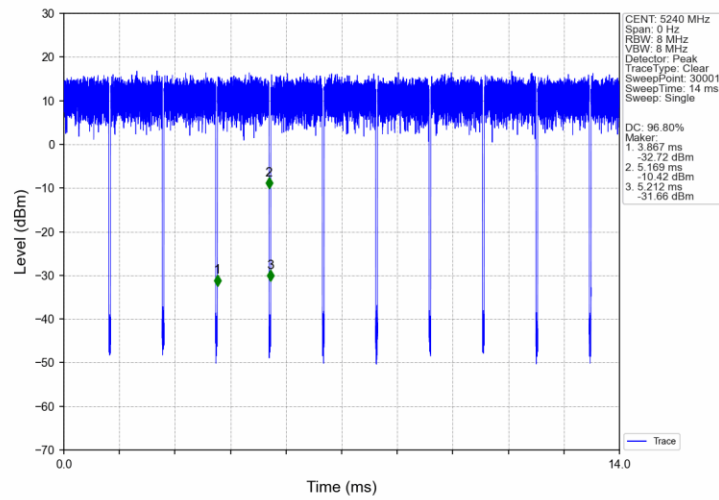
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



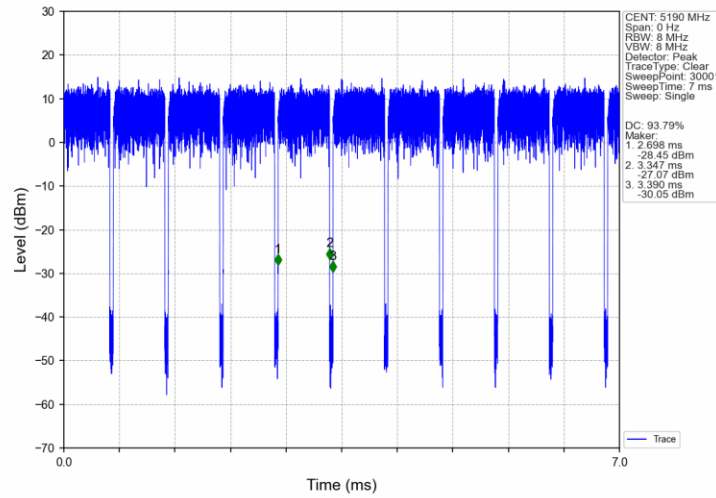
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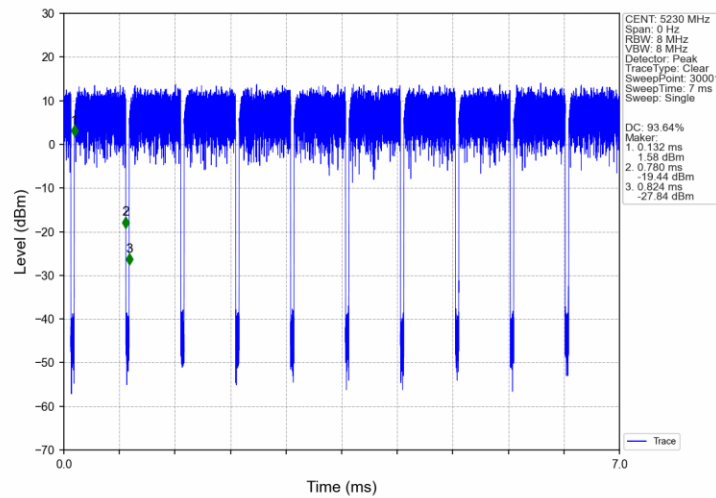
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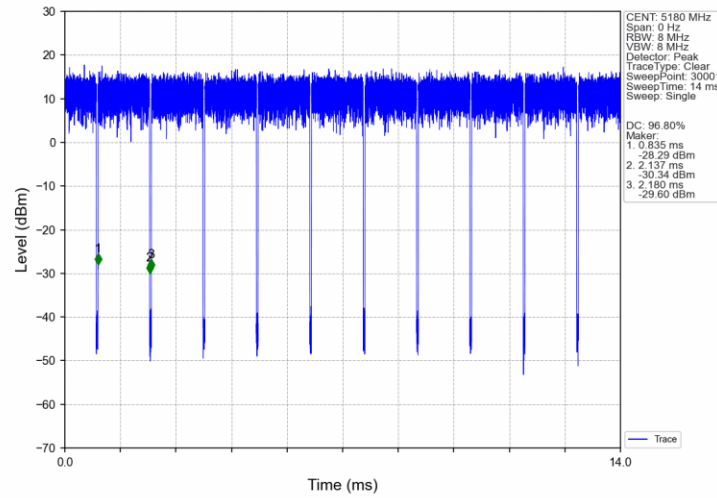
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



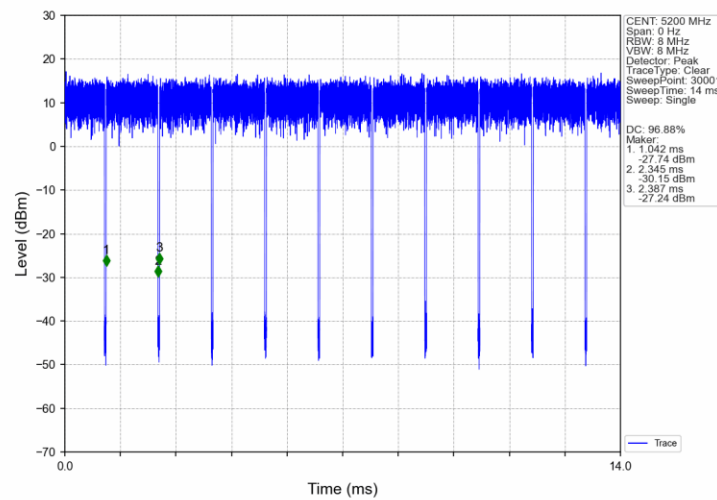
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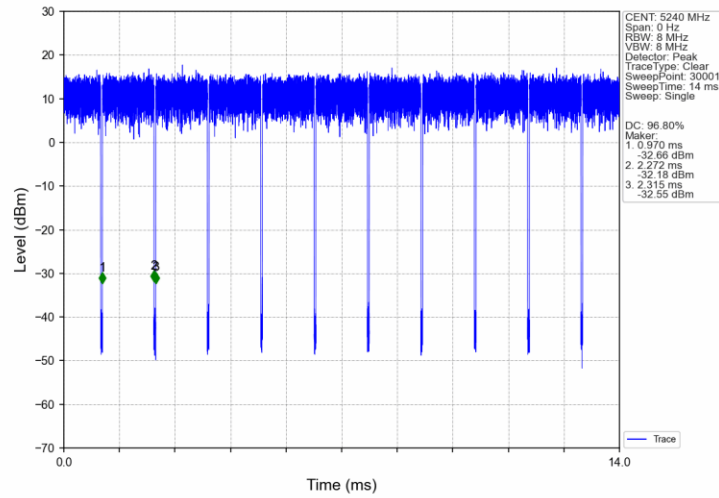
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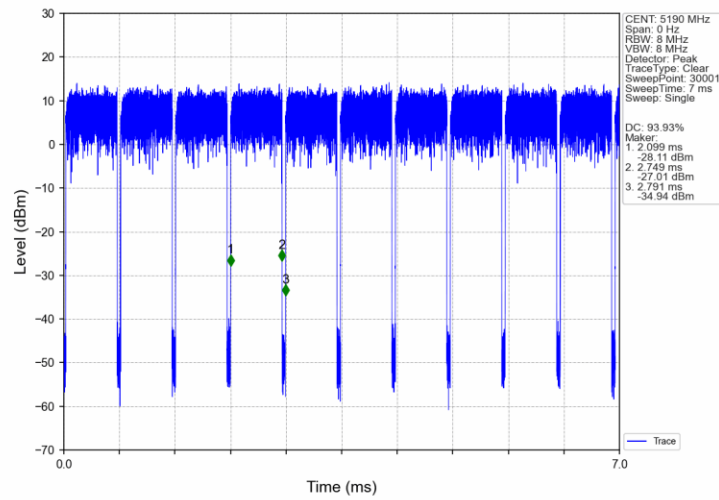
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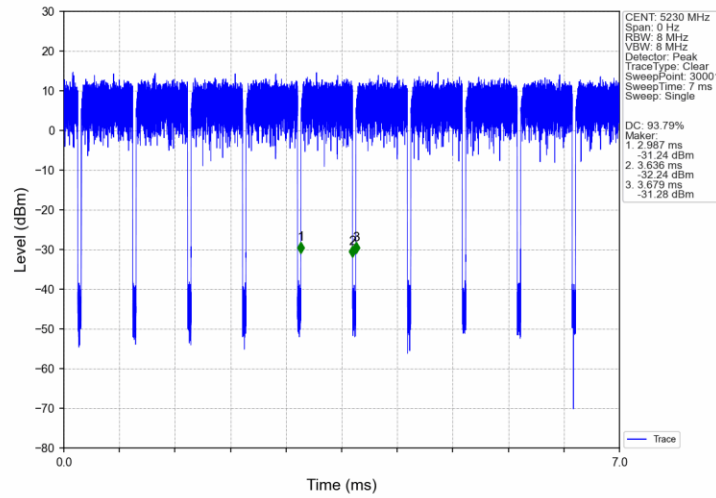
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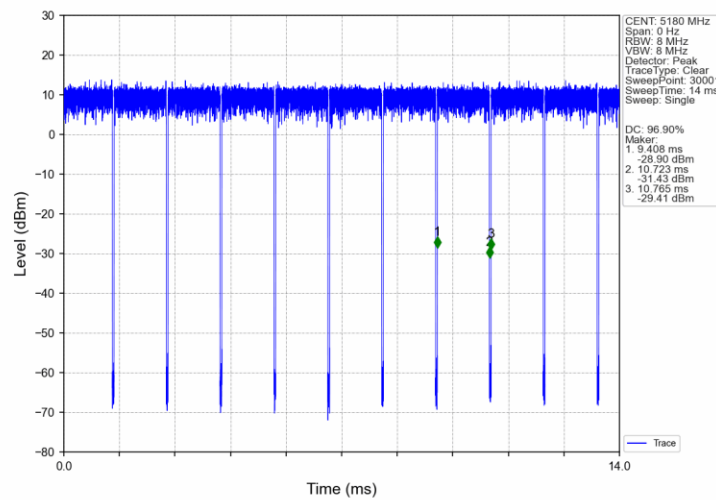
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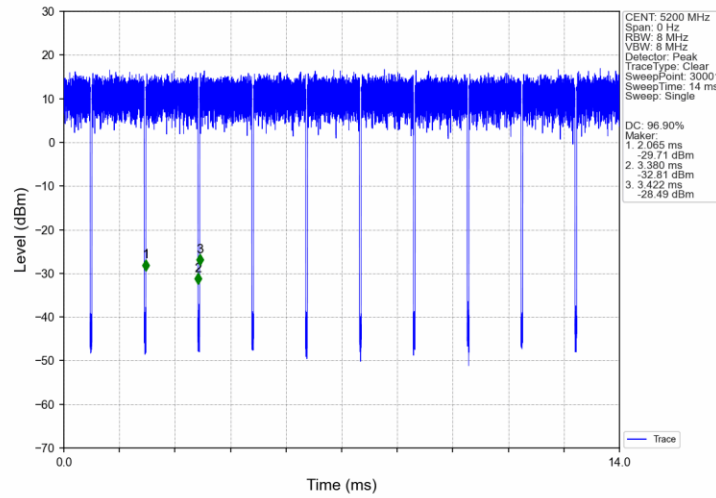
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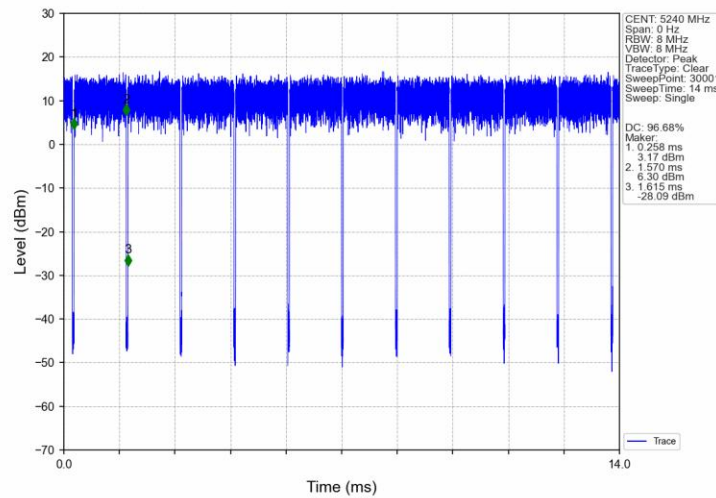
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



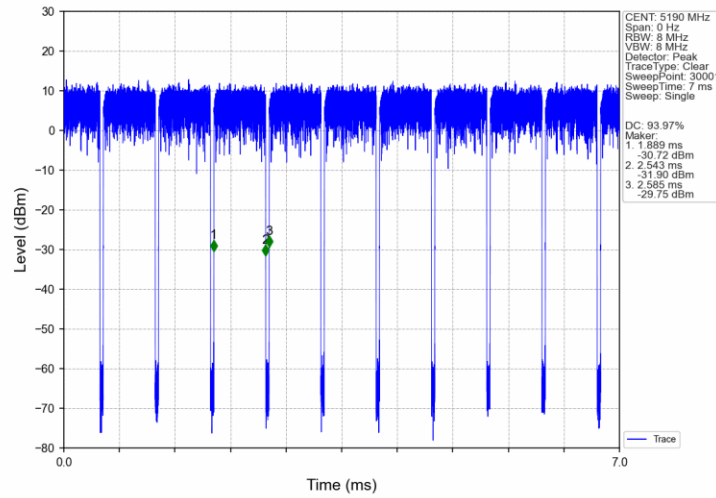
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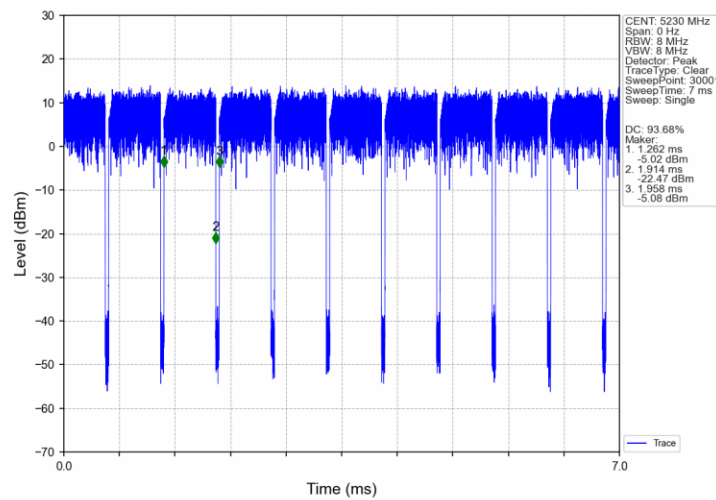
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



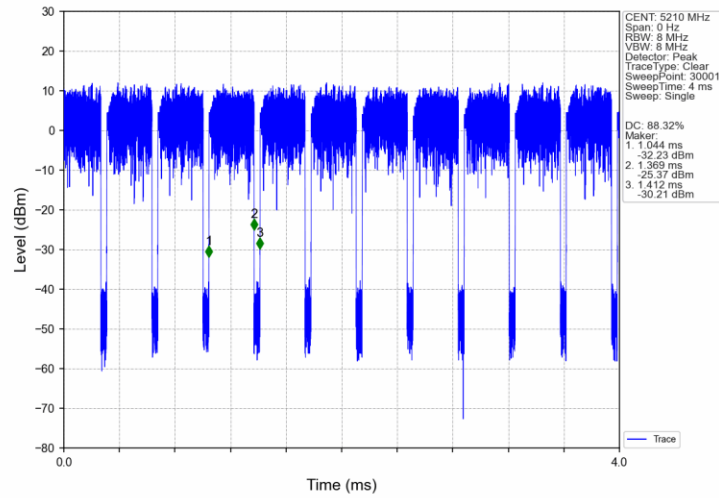
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



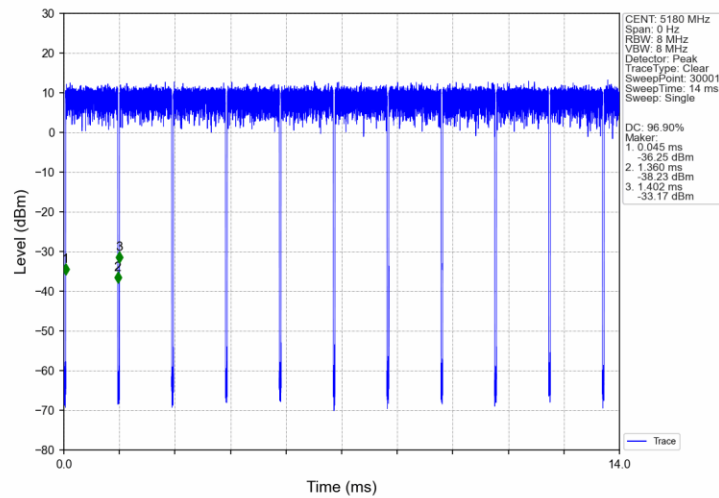
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



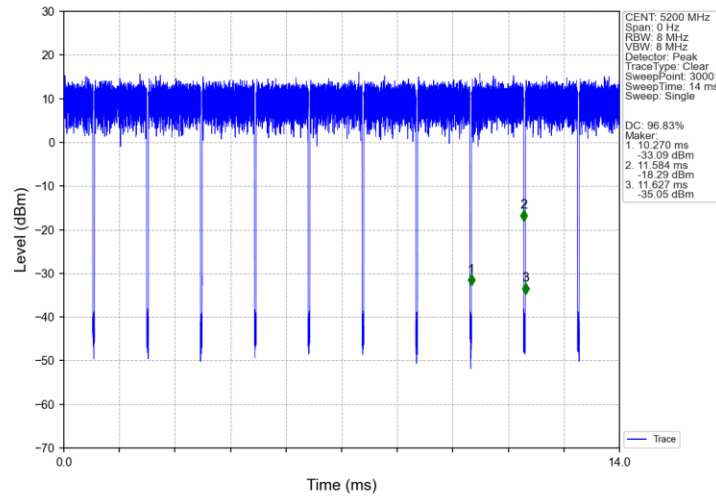
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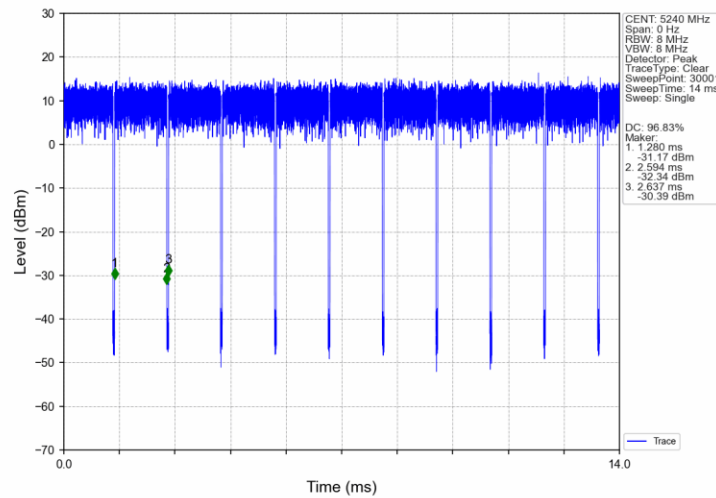
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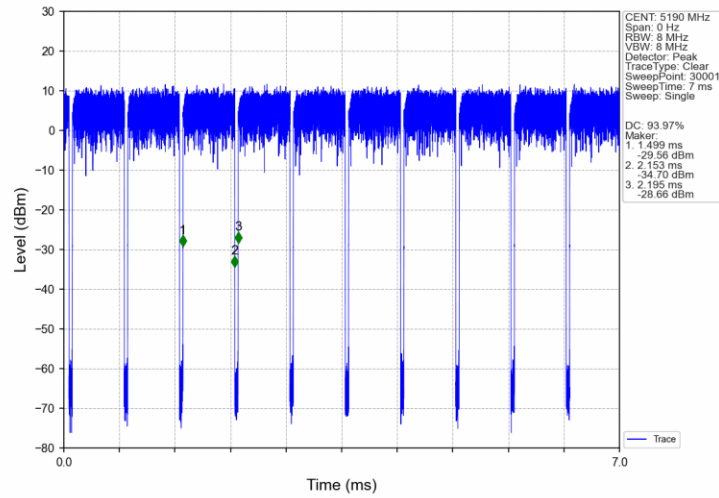
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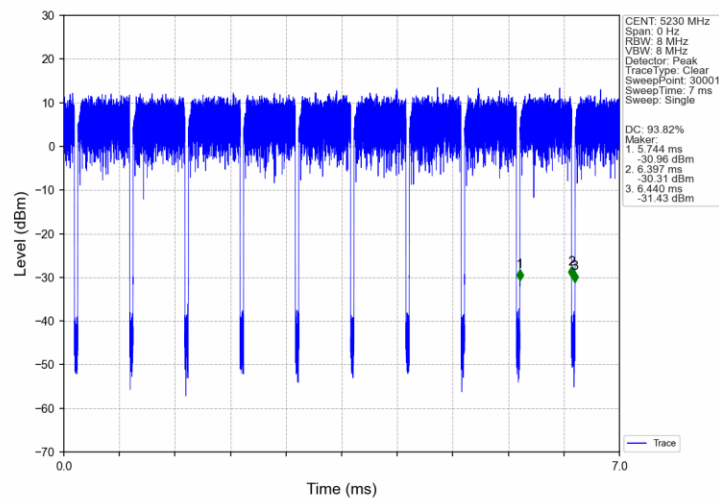
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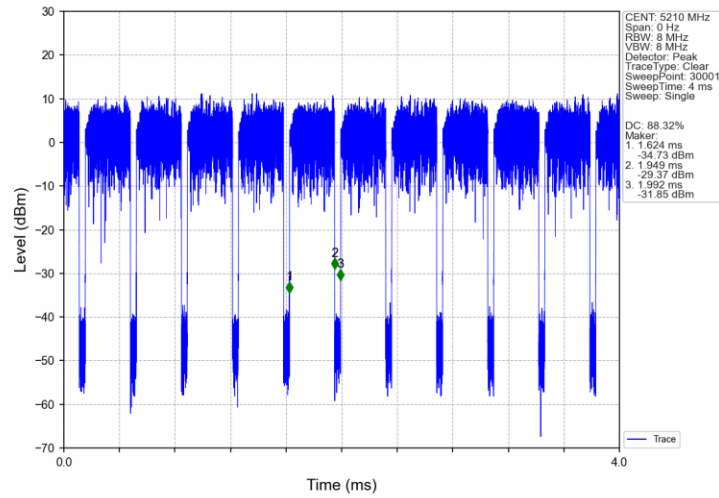
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



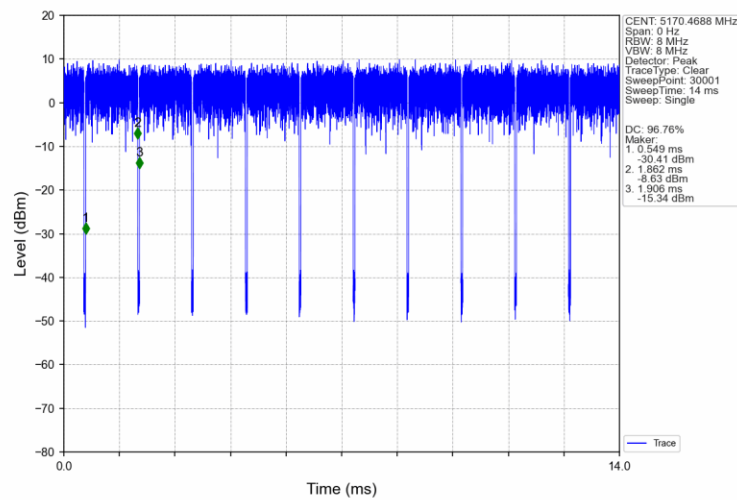
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



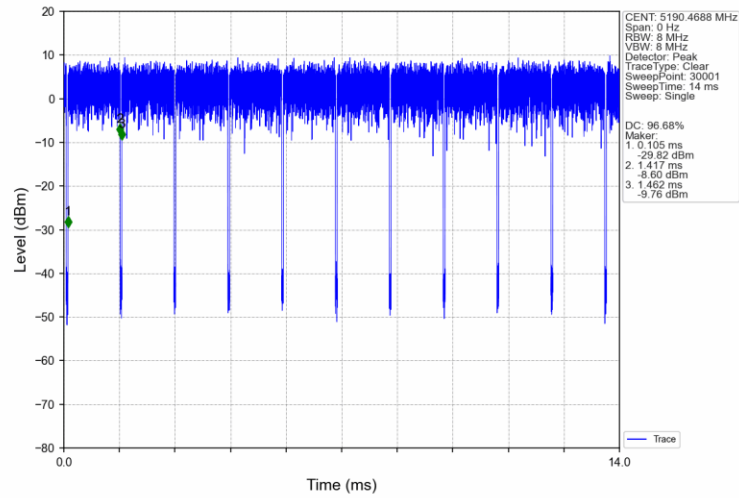
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



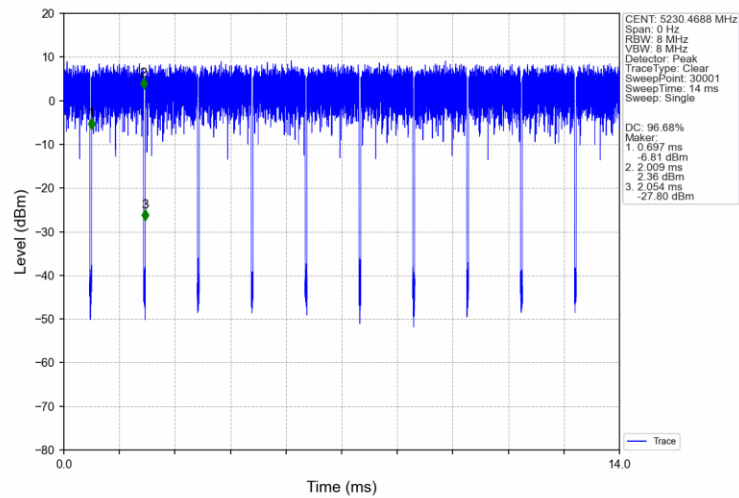
802.11ax(HEW20)_LCH_5180MHz_SU / Ant1 NTNv



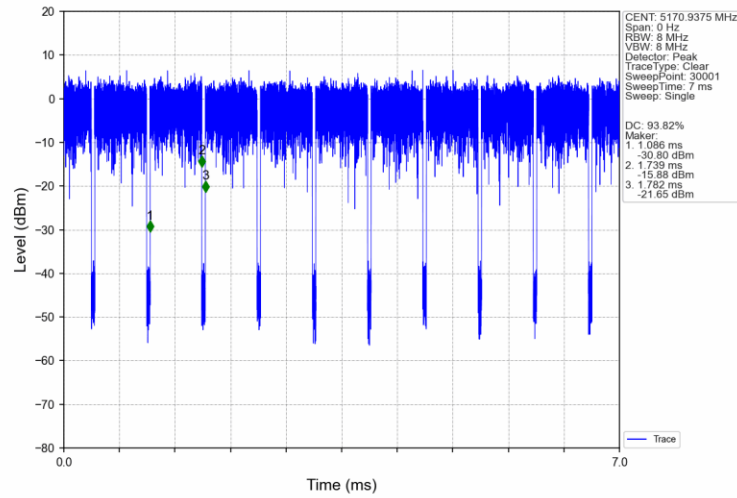
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



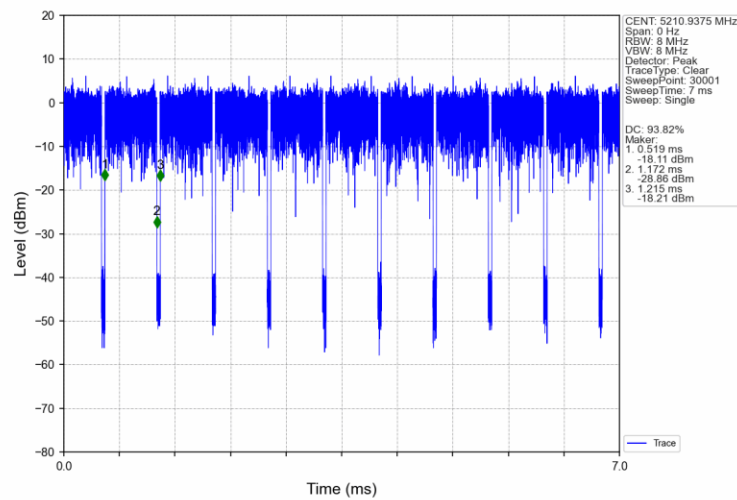
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



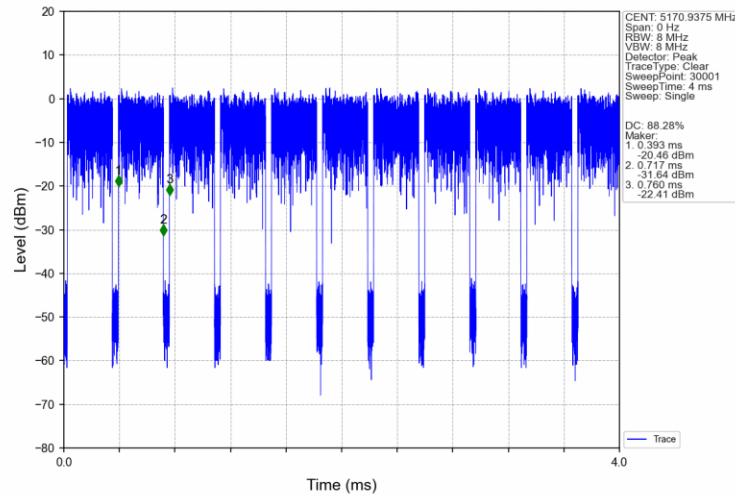
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



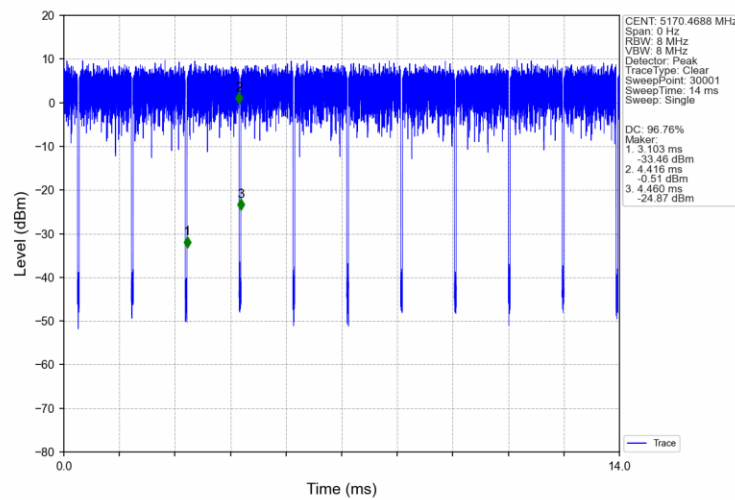
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



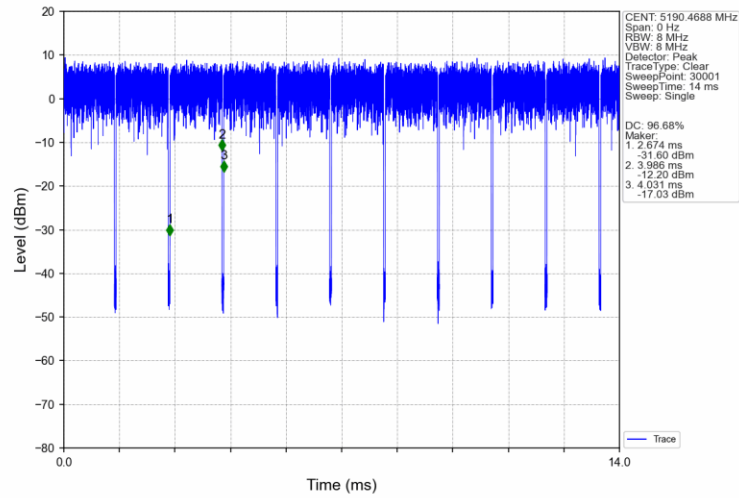
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV



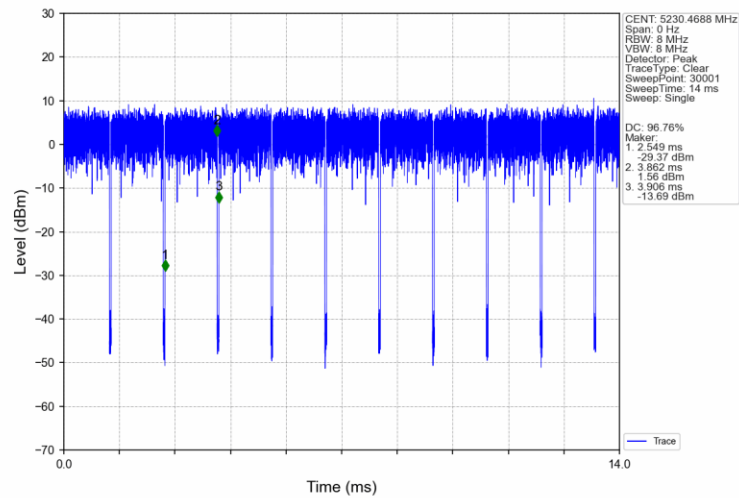
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



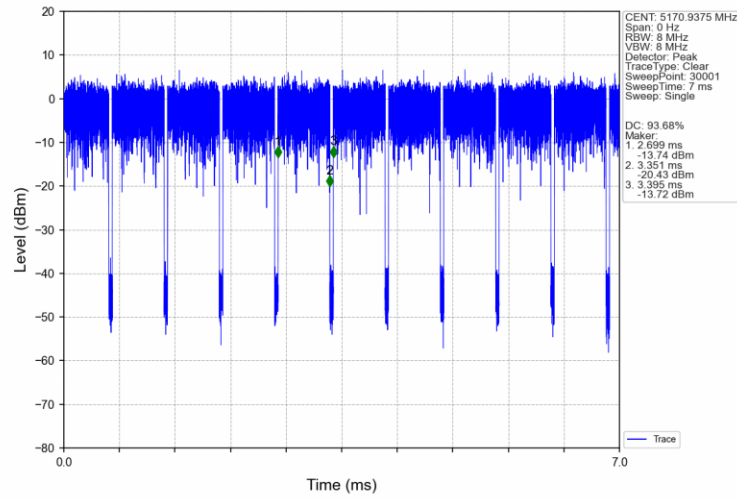
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



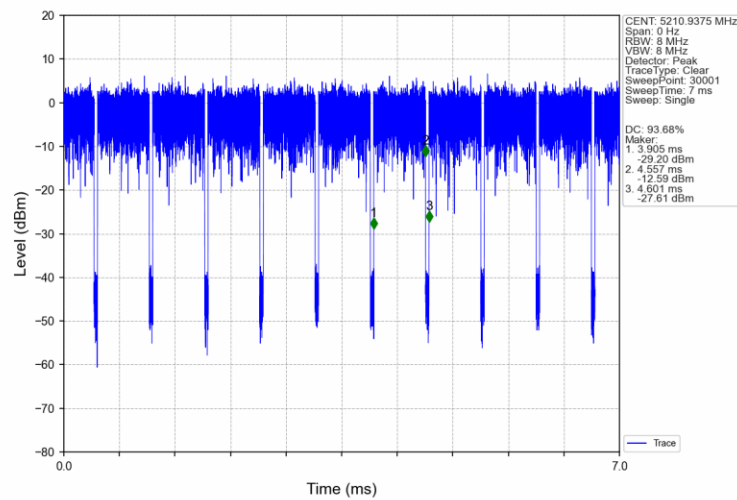
802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant1_NTNV



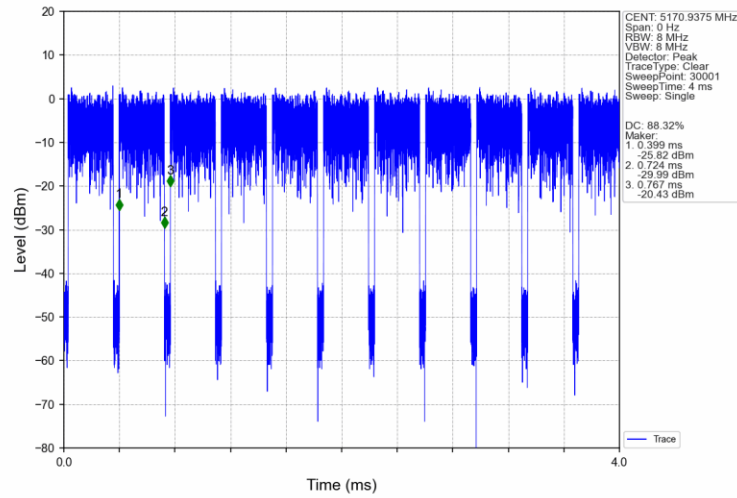
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV

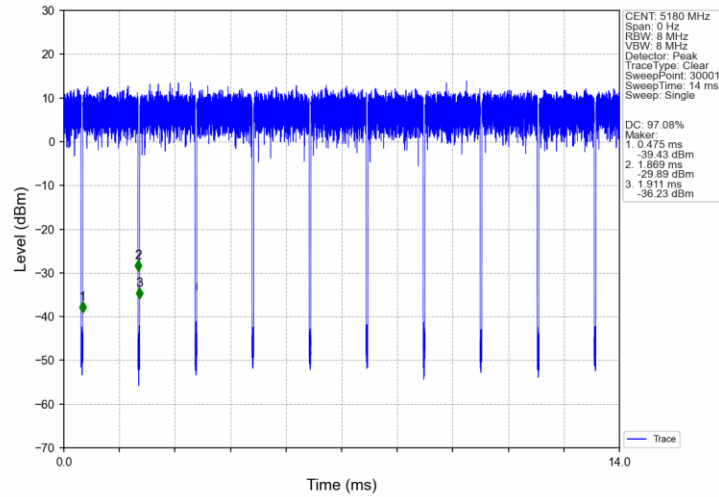


802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant1_NTNV

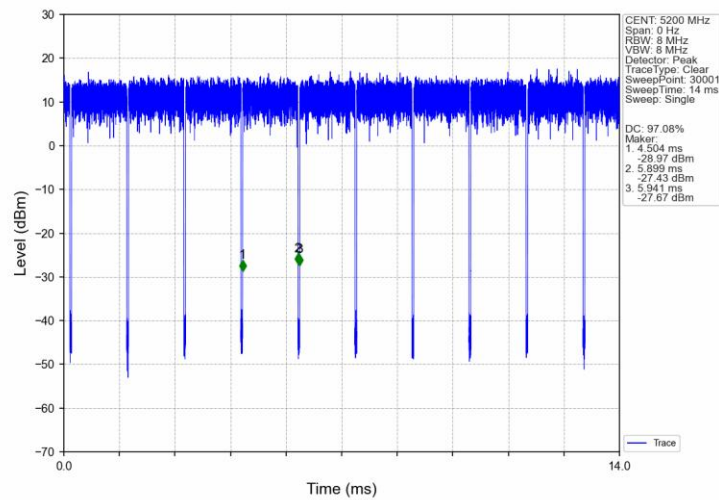


1.2.2 Ant2

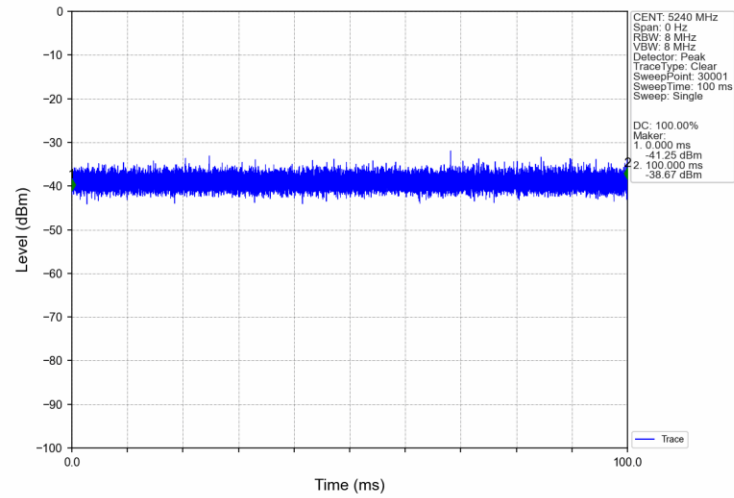
802.11a_LCH_5180MHz_Ant2_NTNV



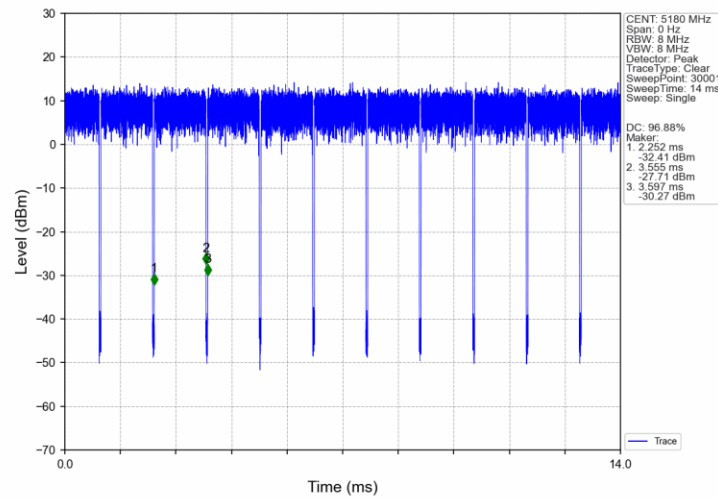
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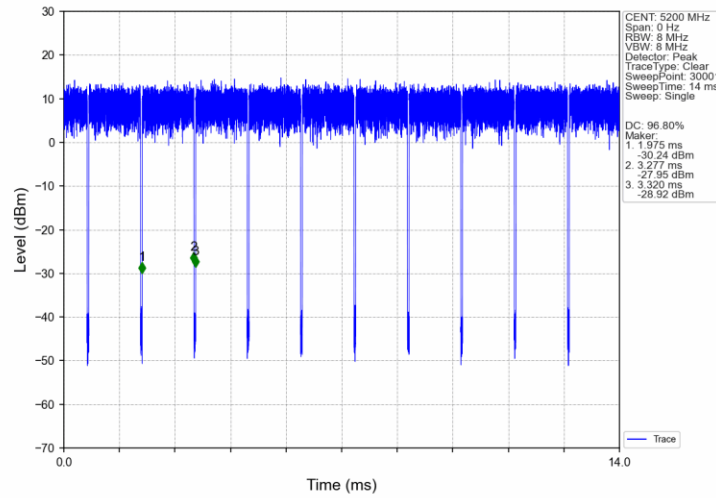
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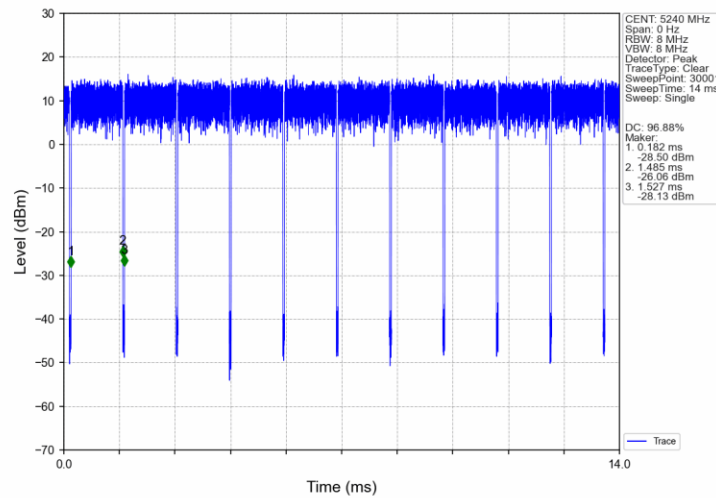
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



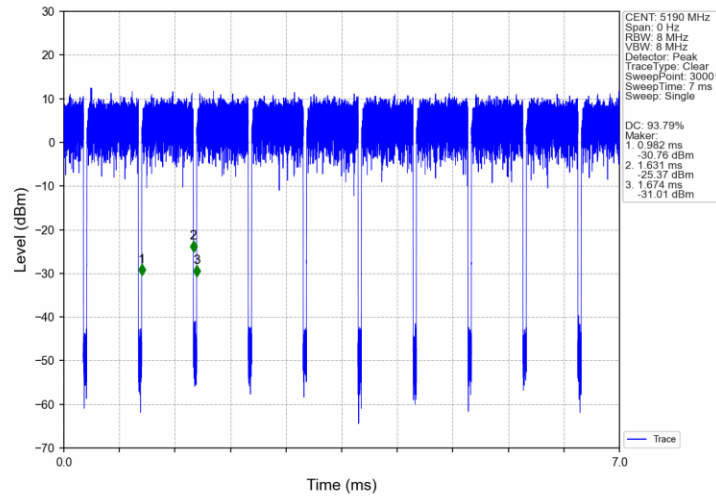
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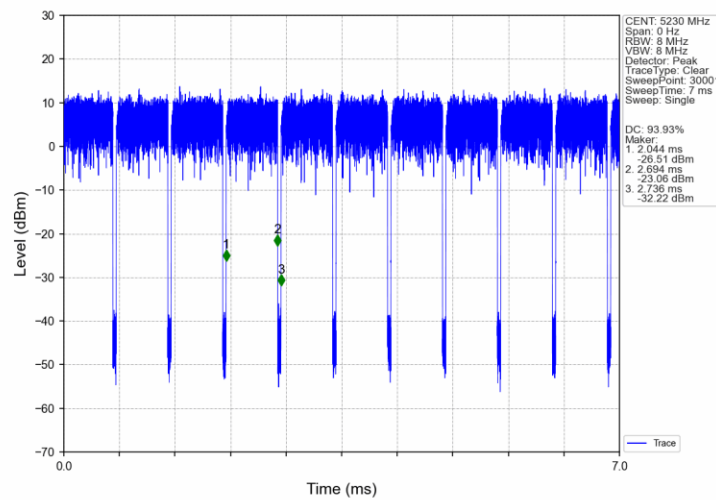
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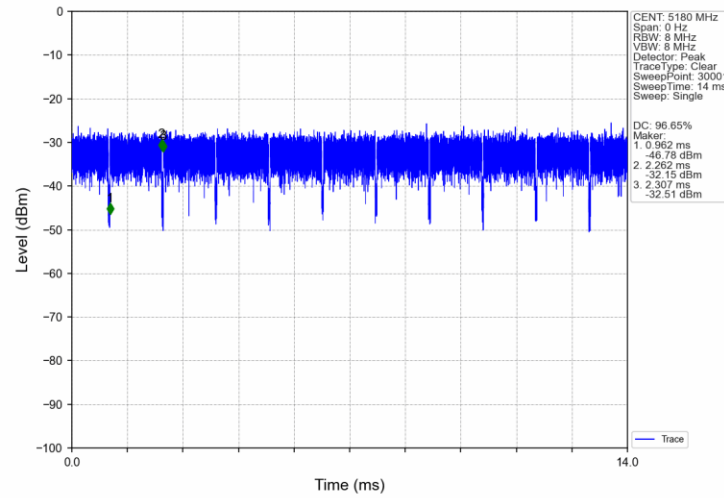
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



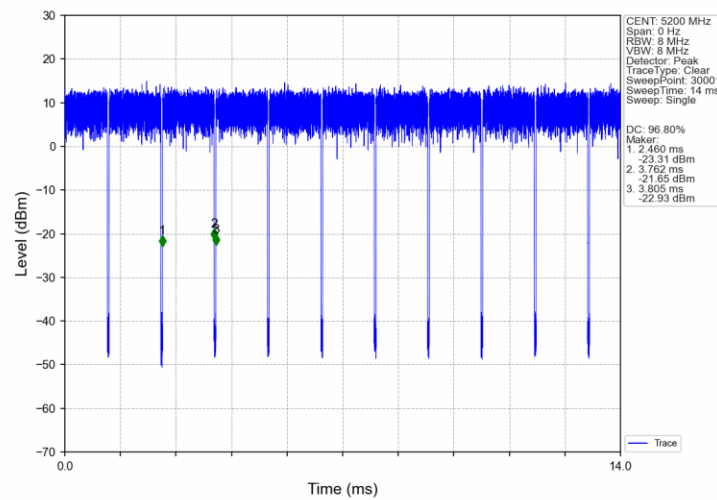
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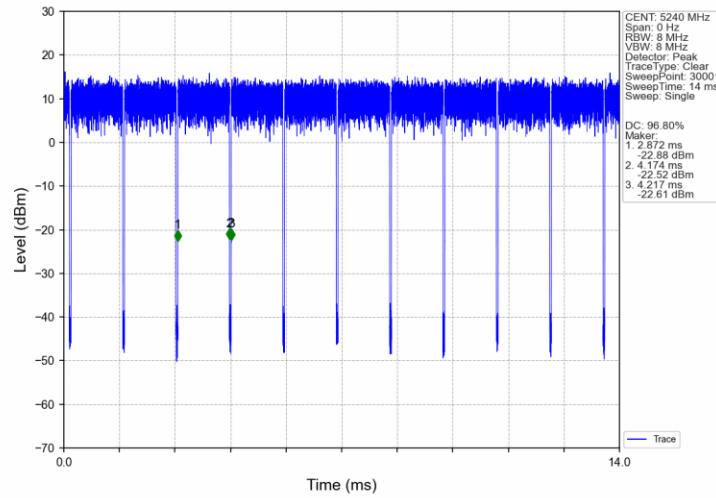
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



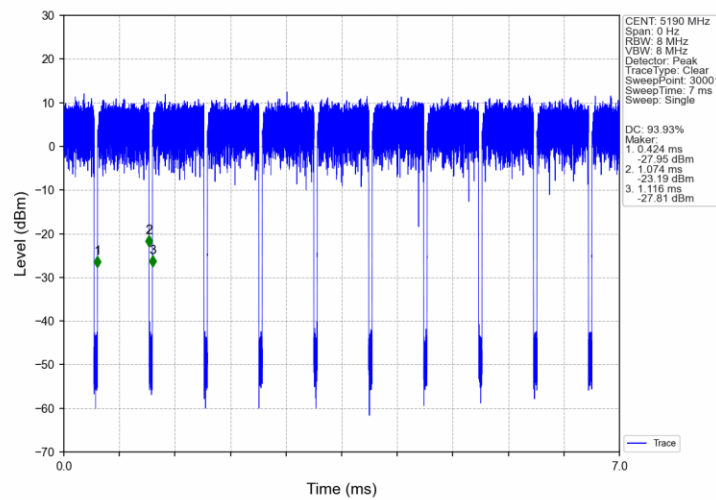
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



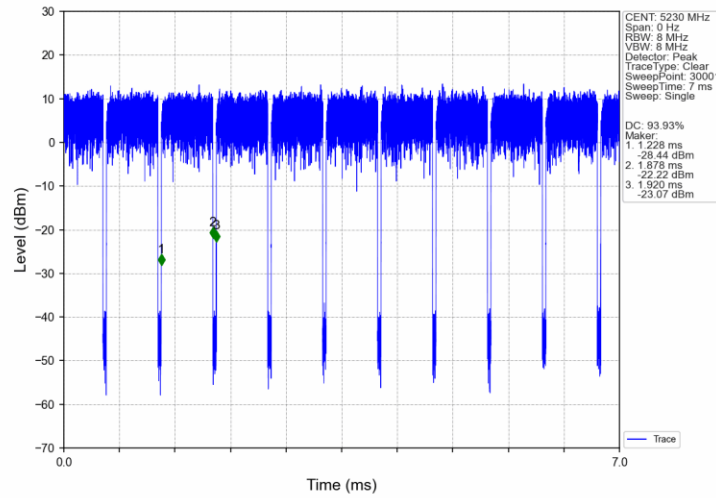
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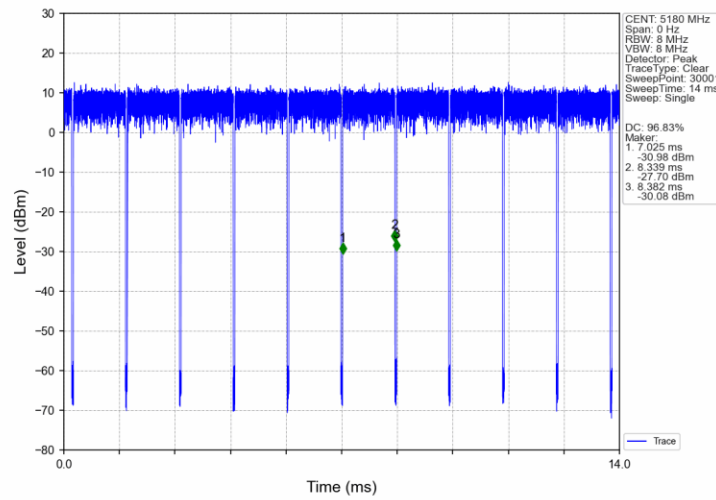
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



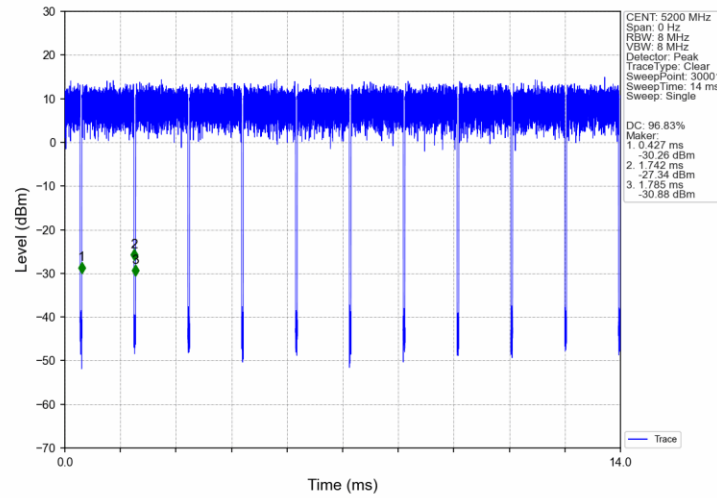
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



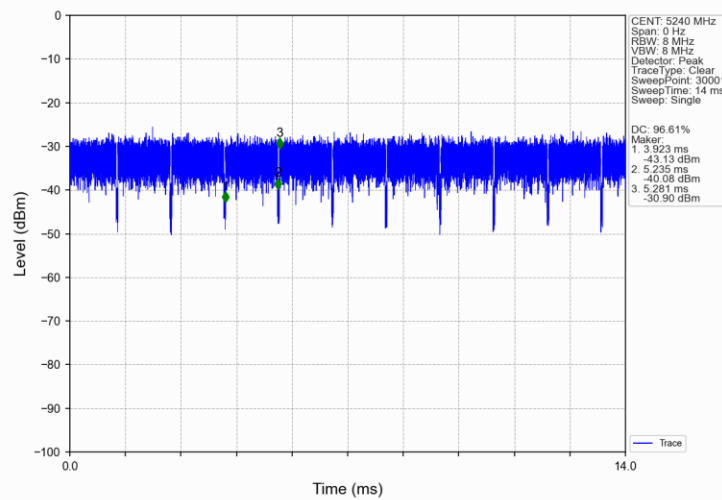
802.11ac(VHT20) LCH 5180MHz_Ant2_NTNV



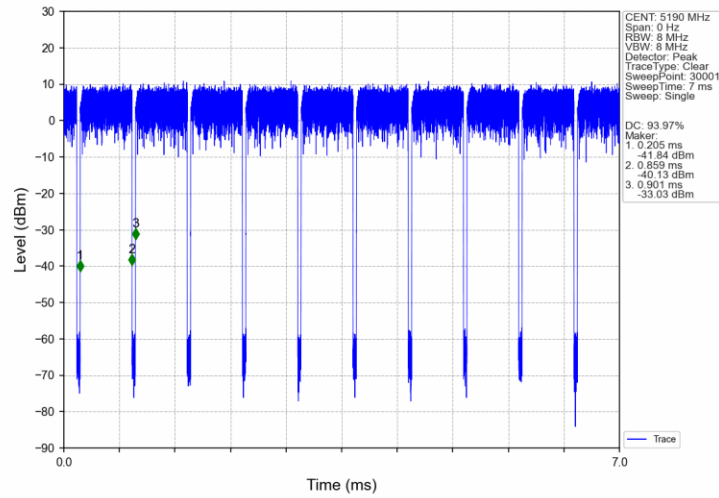
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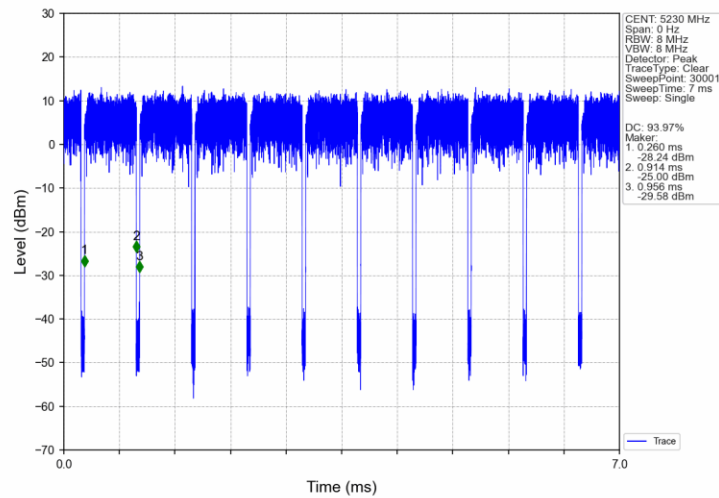
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



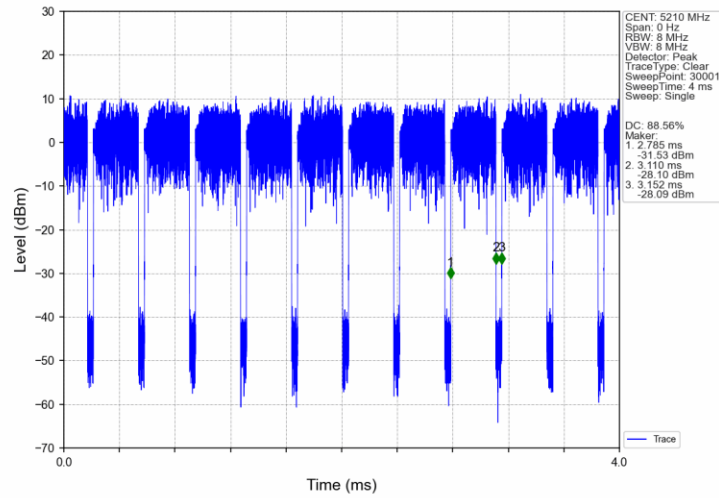
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



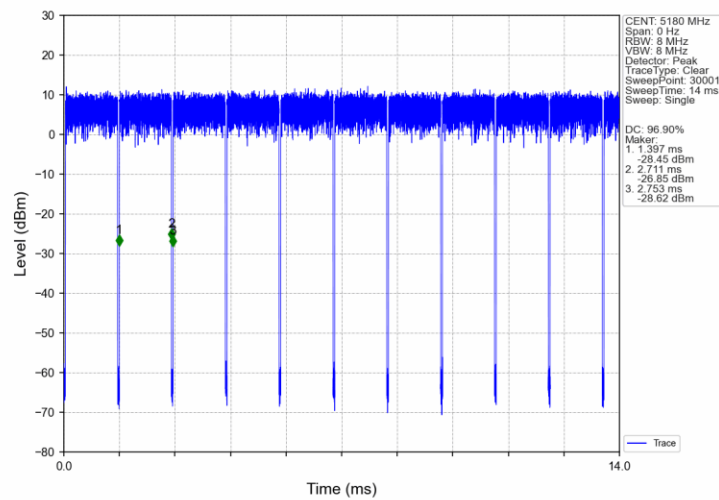
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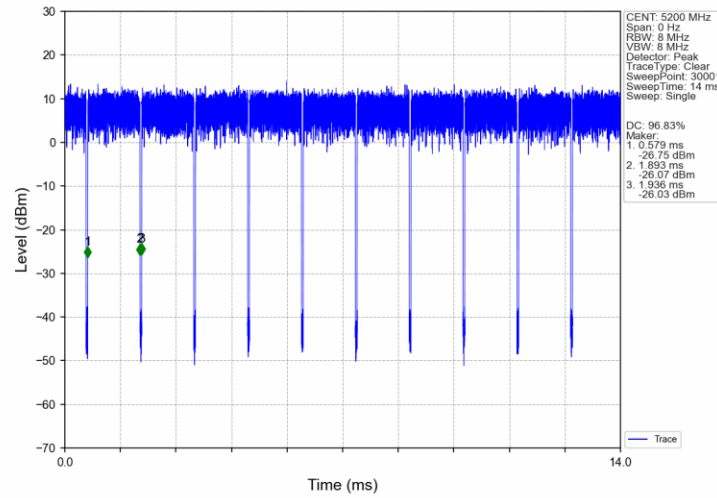
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



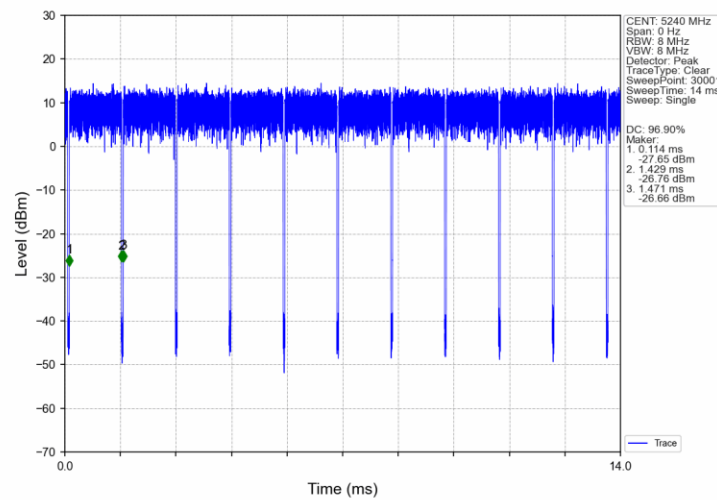
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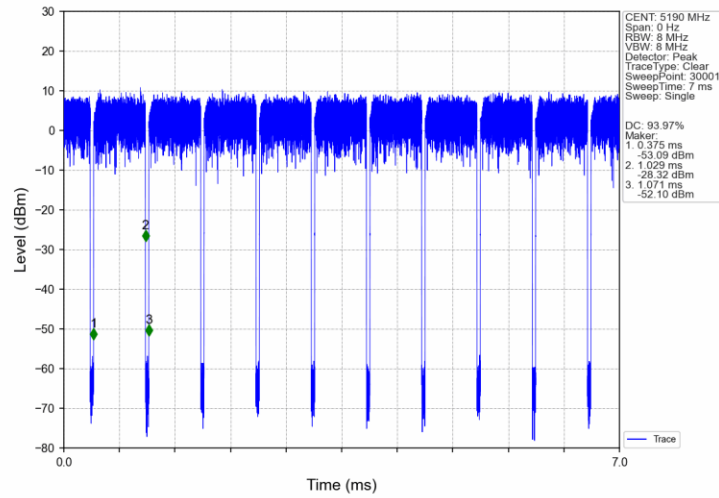
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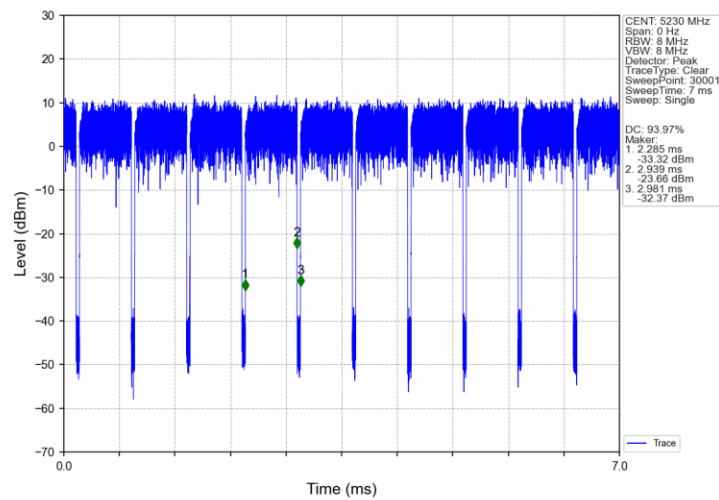
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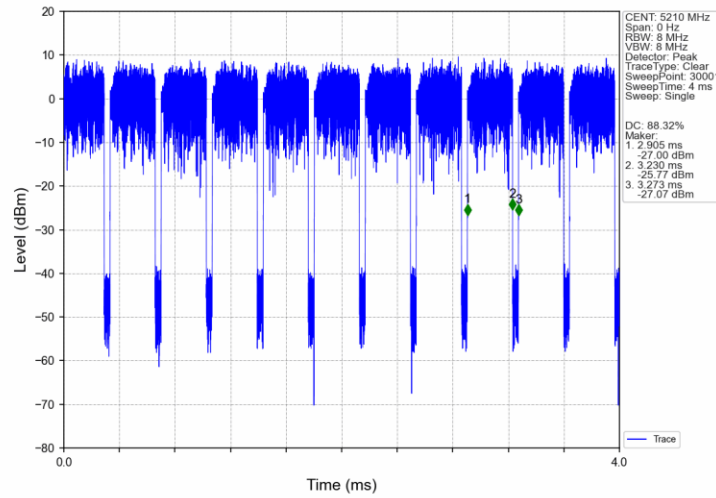
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



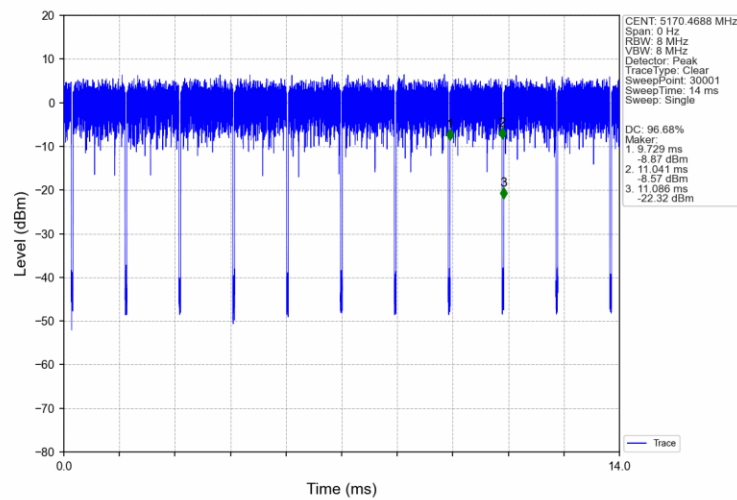
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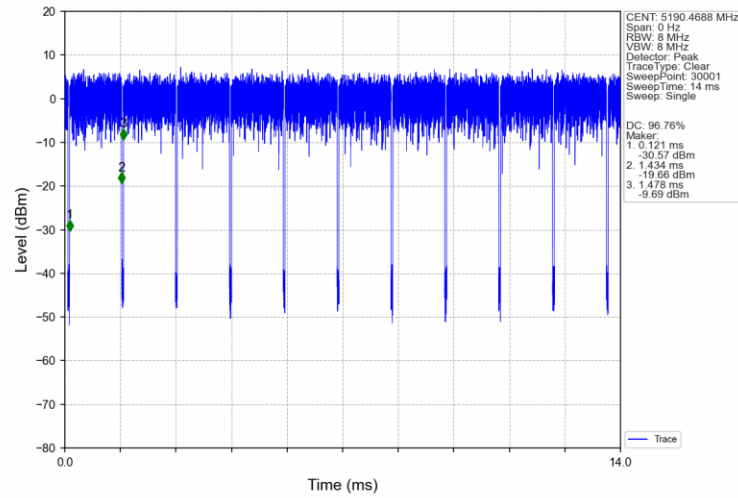
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



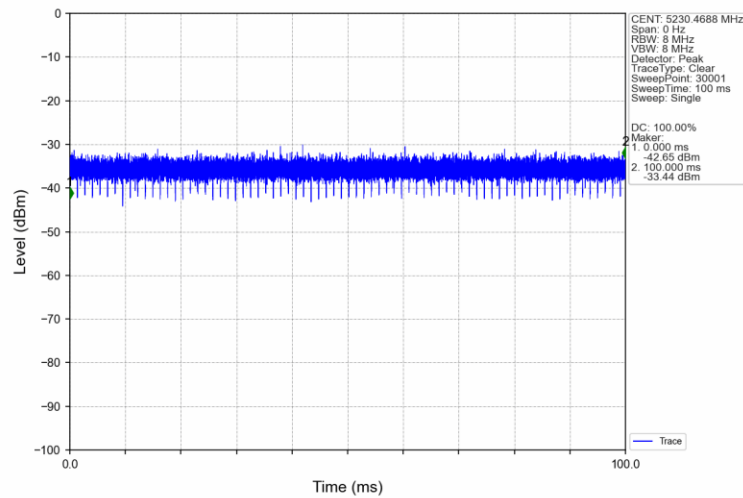
802.11ax(HEW20)_LCH_5180MHz_SU / Ant2 NTNv



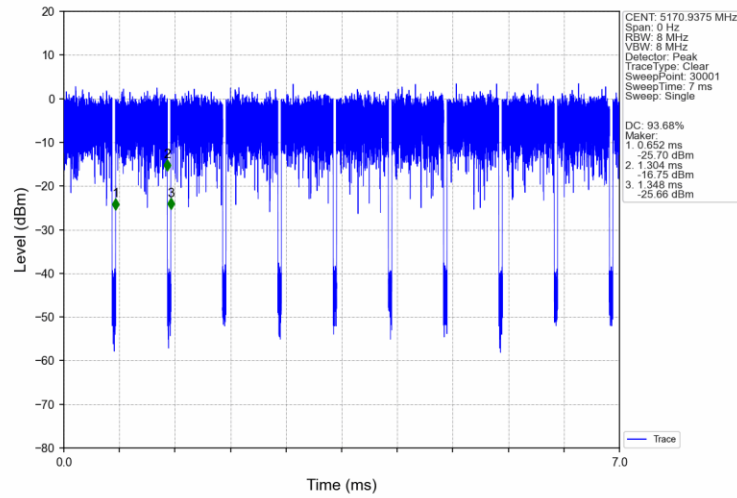
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



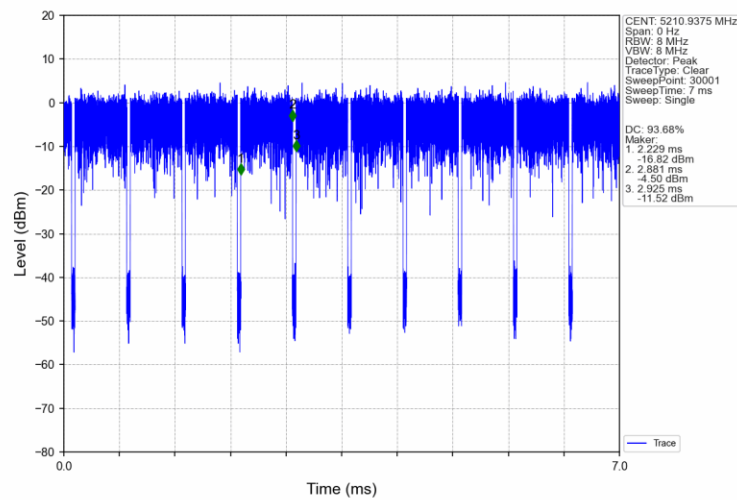
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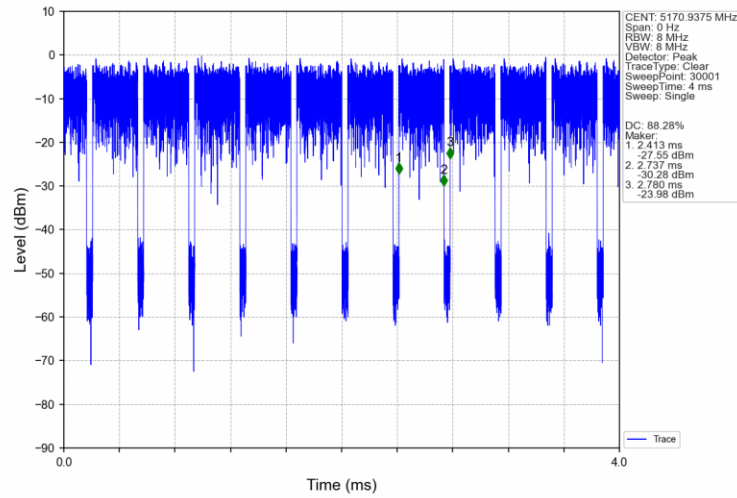
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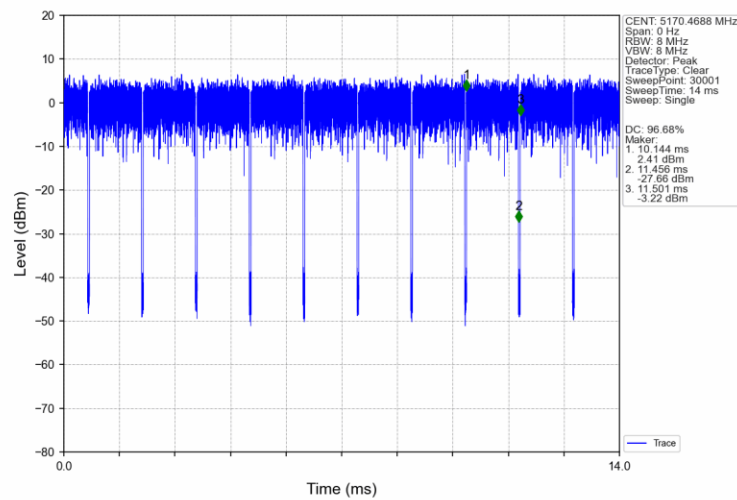
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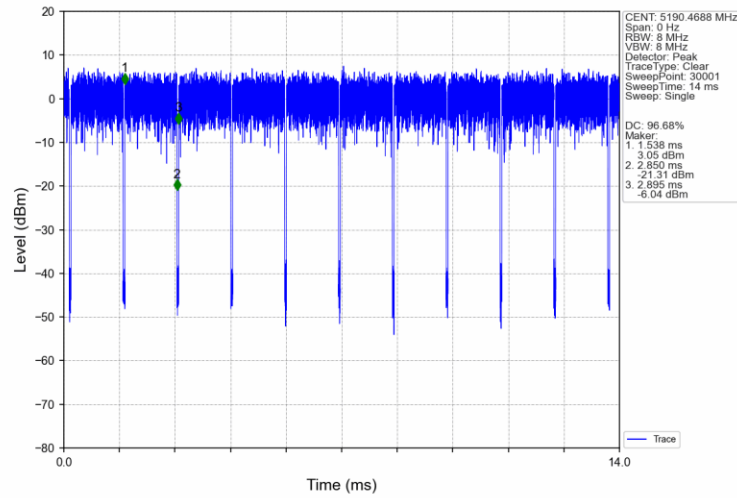
802.11ax(HEW80)_MCH_5210MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant2_NTNV



802.11ax(HEW20)_HCH_5240MHz_SU_/_Ant2_NTNV

