

# Appendix -

## Test Data and Result for report

### GZCR241000116202

### (Duty Cycle)



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## 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	/	/	1.977	2.137	92.51	0.34	4.50
		5200	/	/	1.987	2.254	88.15	0.55	9.40
		5240	/	/	1.987	2.146	92.59	0.33	4.69
		5260	/	/	1.978	2.128	92.95	0.32	4.15
		5300	/	/	1.979	2.148	92.13	0.36	4.01
		5320	/	/	1.977	2.155	91.74	0.37	5.25
		5500	/	/	1.979	2.146	92.22	0.35	4.81
		5580	/	/	1.977	2.146	92.12	0.36	4.88
		5700	/	/	1.977	2.146	92.12	0.36	5.01
		5745	/	/	1.977	2.155	91.74	0.37	4.87
		5785	/	/	1.979	2.146	92.22	0.35	4.01
		5825	/	/	1.978	2.137	92.56	0.34	4.46
802.11n (HT40)	MIMO	5190	/	/	5.429	6.379	85.11	0.70	0.98
		5230	/	/	5.428	6.434	84.36	0.74	1.57
		5270	/	/	5.428	6.387	84.99	0.71	1.11
		5310	/	/	5.429	6.408	84.72	0.72	1.25
		5510	/	/	5.429	6.353	85.46	0.68	0.49
		5550	/	/	5.428	6.460	84.02	0.76	1.90
		5670	/	/	5.429	6.461	84.03	0.76	1.79
		5755	/	/	5.429	6.417	84.60	0.73	1.37
		5795	/	/	5.429	6.462	84.01	0.76	1.93
802.11ac (VHT80)	MIMO	5210	/	/	5.429	6.397	84.87	0.71	1.07
		5290	/	/	5.428	6.362	85.32	0.69	0.74
		5530	/	/	5.429	6.369	85.24	0.69	0.61
		5610	/	/	5.429	6.389	84.97	0.71	0.87
		5775	/	/	5.429	6.442	84.28	0.74	1.57
802.11ac (VHT160)	MIMO	5570	/	/	5.428	6.289	86.31	0.64	7.10
		5250	/	/	5.431	6.381	85.11	0.70	0.98



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Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11ax (HEW20)	MIMO	5180	RU242	Left	5.447	6.390	85.24	0.69	0.98
		5200	RU242	Left	5.446	6.459	84.32	0.74	1.92
		5240	RU242	Left	5.447	6.435	84.65	0.72	1.58
		5260	RU242	Left	5.445	6.451	84.41	0.74	1.82
		5300	RU242	Left	5.444	6.423	84.76	0.72	1.47
		5320	RU242	Left	5.448	6.372	85.50	0.68	0.71
		5500	RU242	Left	5.445	6.424	84.76	0.72	1.45
		5580	RU242	Left	5.447	6.415	84.91	0.71	1.35
		5700	RU242	Left	5.447	6.435	84.65	0.72	1.58
		5745	RU242	Left	5.446	6.426	84.75	0.72	1.46
		5785	RU242	Left	5.449	6.408	85.03	0.70	1.31
		5825	RU242	Left	5.446	6.398	85.12	0.70	1.10
802.11ax (HEW40)	MIMO	5190	RU484	Left	5.446	6.441	84.55	0.73	1.58
		5230	RU484	Left	5.447	6.379	85.39	0.69	0.83
		5270	RU484	Left	5.445	6.415	84.88	0.71	1.36
		5310	RU484	Left	5.446	6.460	84.30	0.74	1.91
		5510	RU484	Left	5.445	6.405	85.01	0.71	1.20
		5550	RU484	Left	5.447	6.397	85.15	0.70	0.98
		5670	RU484	Left	100.000	100.000	100.00	0.00	0.00
		5755	RU484	Left	5.446	6.379	85.37	0.69	0.75
		5795	RU484	Left	5.445	6.506	83.69	0.77	2.53
802.11ax (HEW80)	MIMO	5210	RU996	Left	5.445	6.403	85.04	0.70	1.23
		5290	RU996	Left	5.447	6.388	85.27	0.69	0.98
		5530	RU996	Left	5.446	6.378	85.39	0.69	0.73
		5610	RU996	Left	5.447	6.405	85.04	0.70	1.22
		5775	RU996	Left	5.445	6.369	85.49	0.68	0.61
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	5.446	5.902	92.27	0.35	1.72
		5250	2xRU996	Left	5.427	6.334	85.68	0.67	7.71

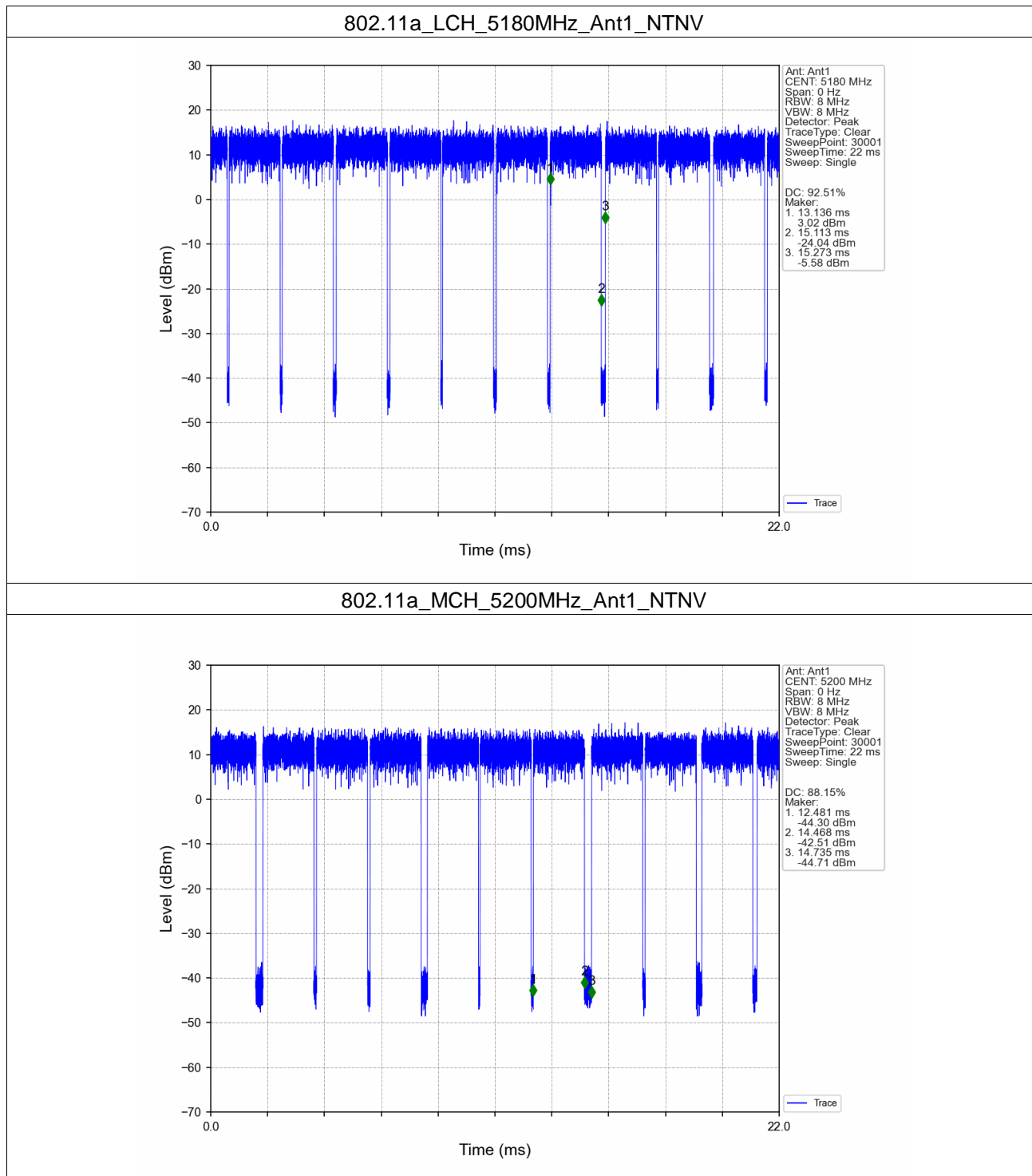


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### 1.2 Test Graph

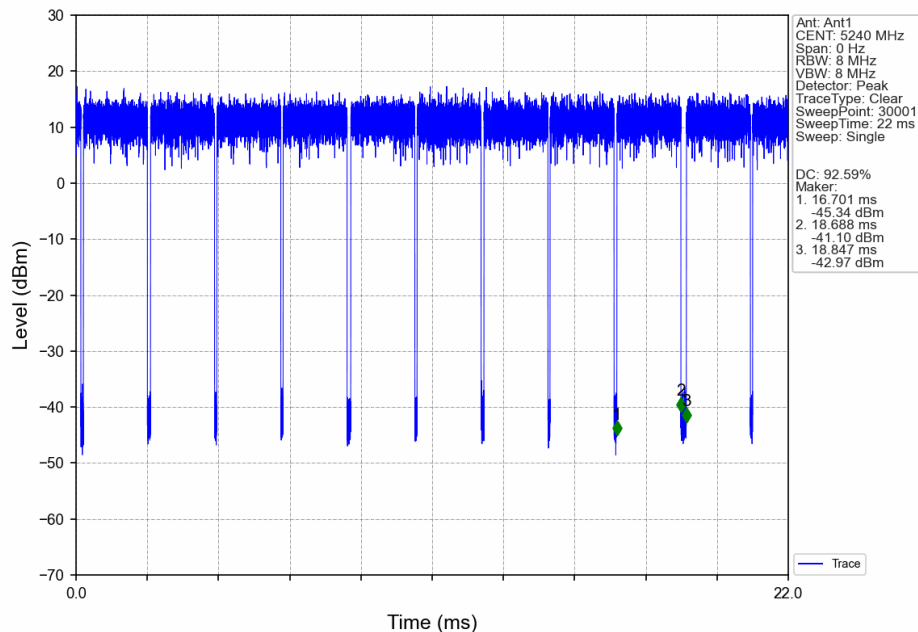
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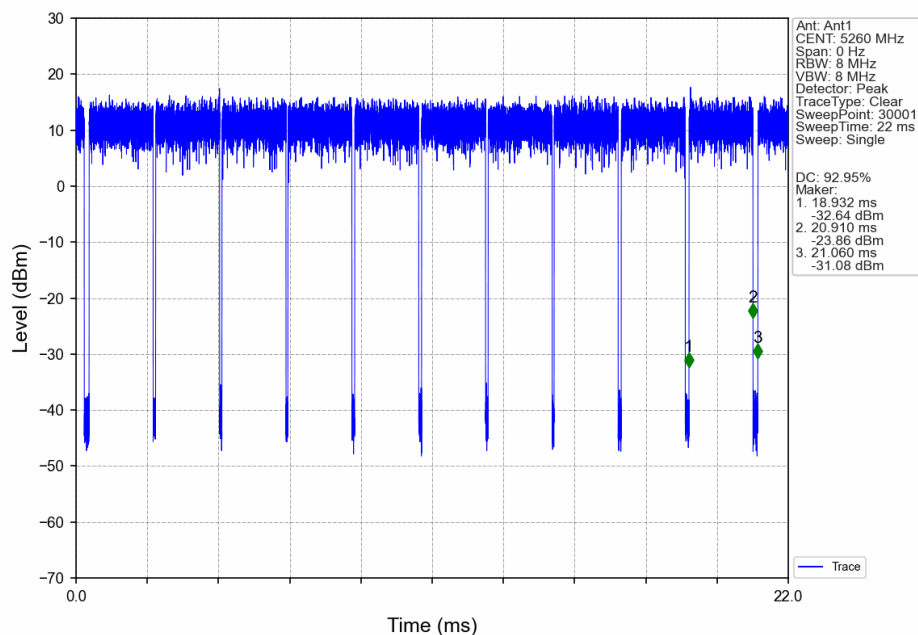
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802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV

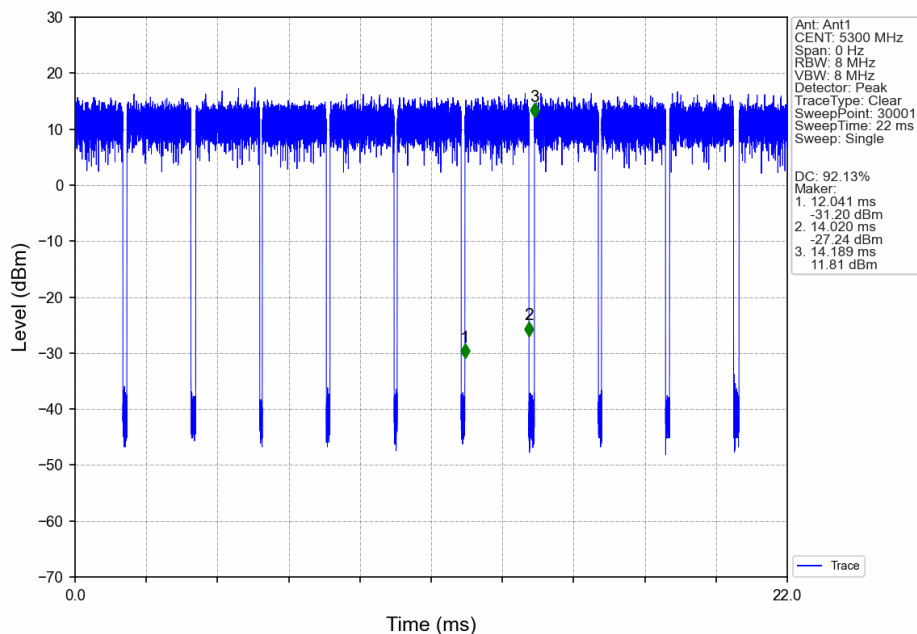


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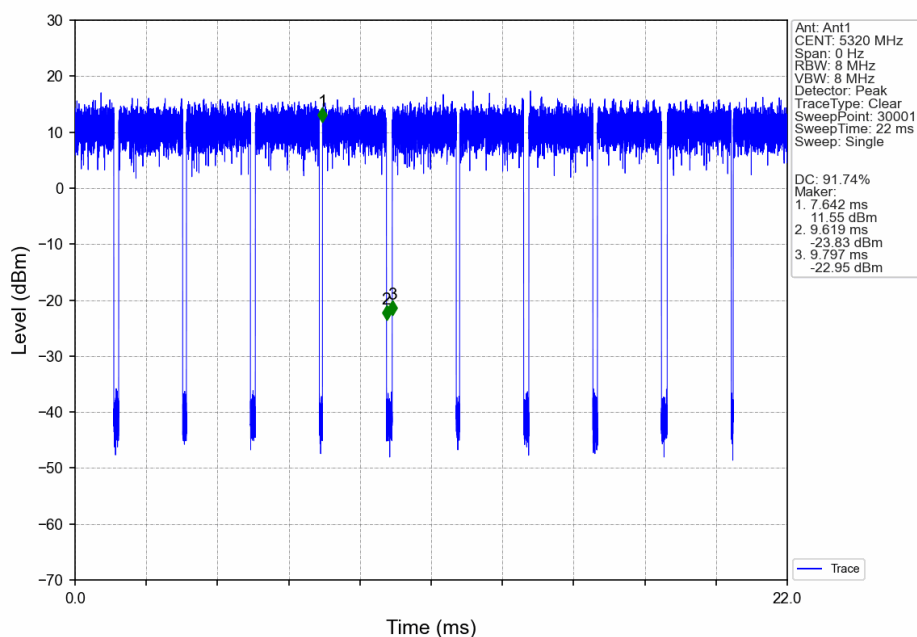
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802.11a\_MCH\_5300MHz\_Ant1\_NTNV



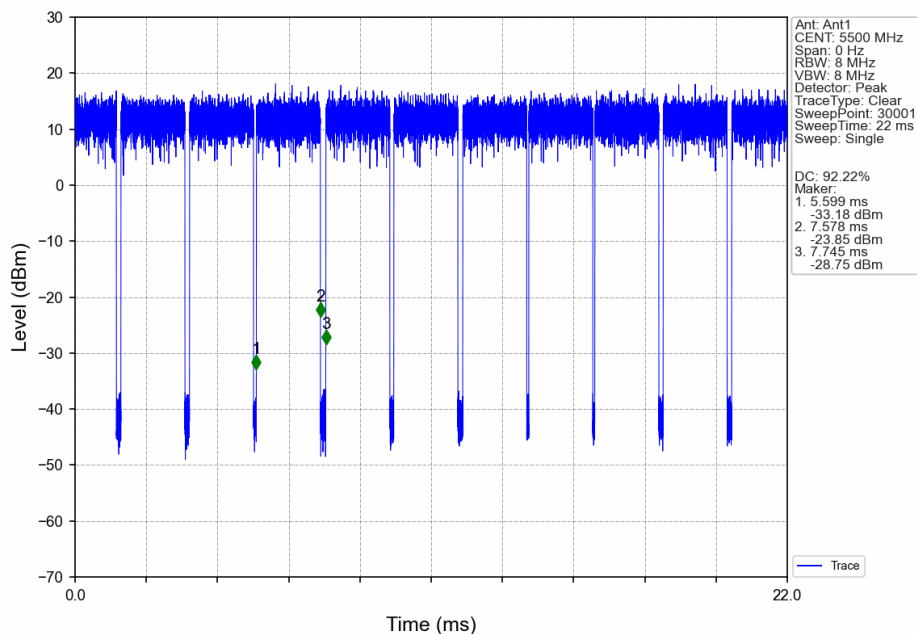
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



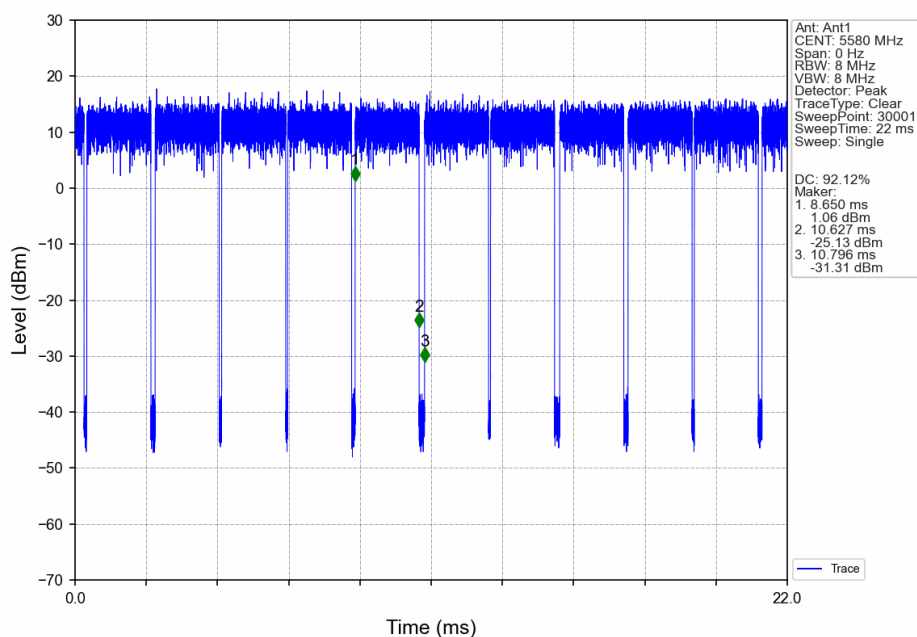
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



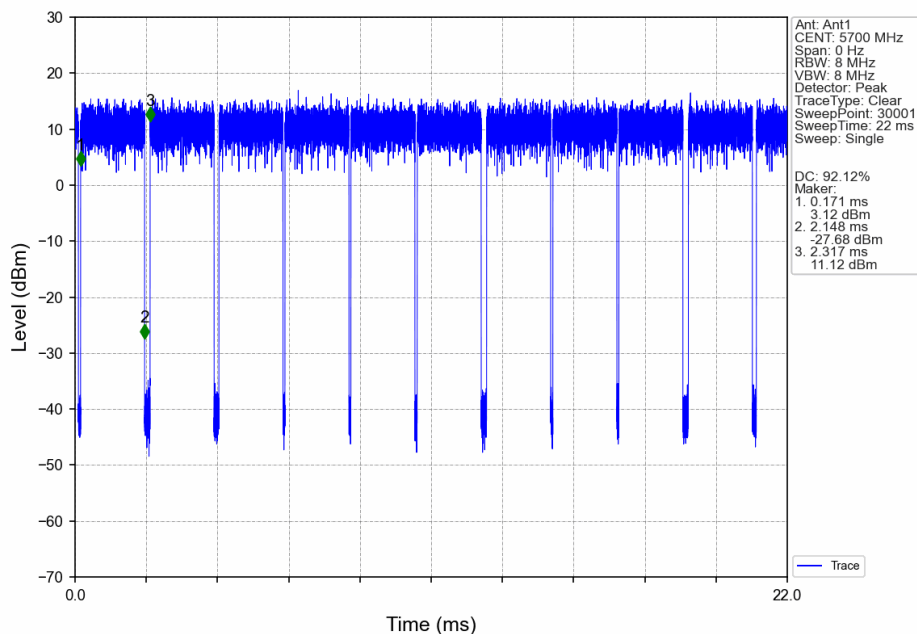
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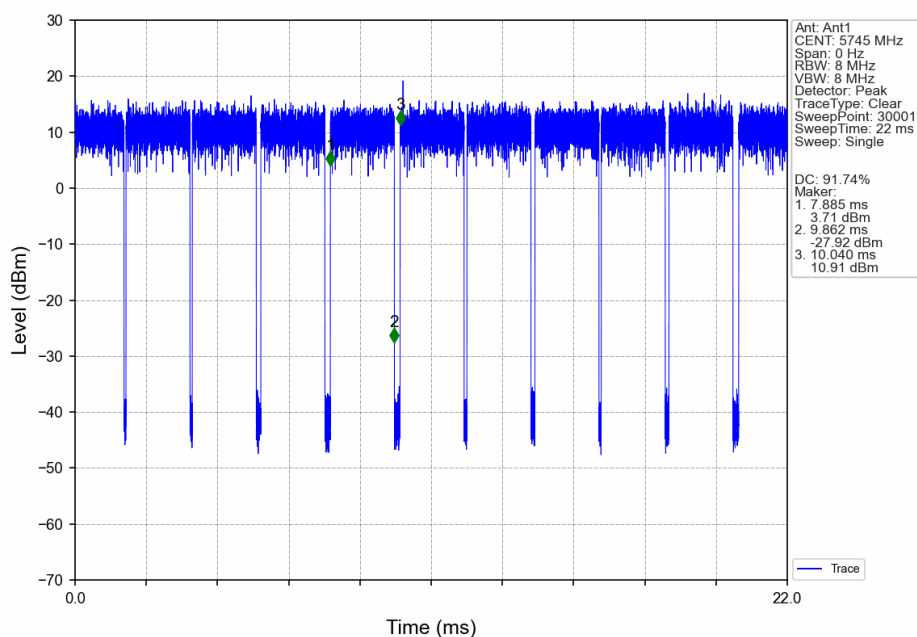
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802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11a\_LCH\_5745MHz\_Ant1\_NTNV

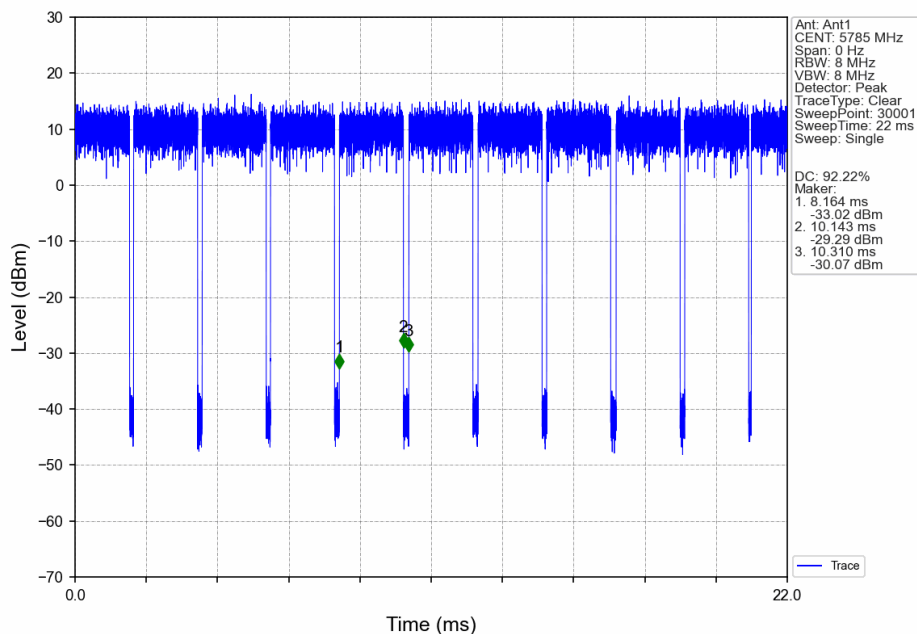


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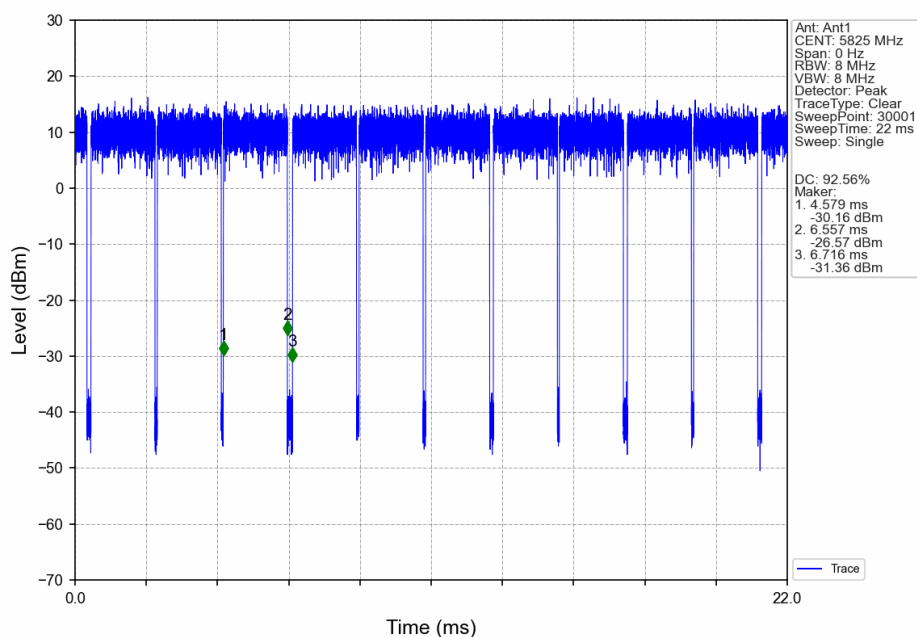
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### 802.11a\_MCH\_5785MHz\_Ant1\_NTNV



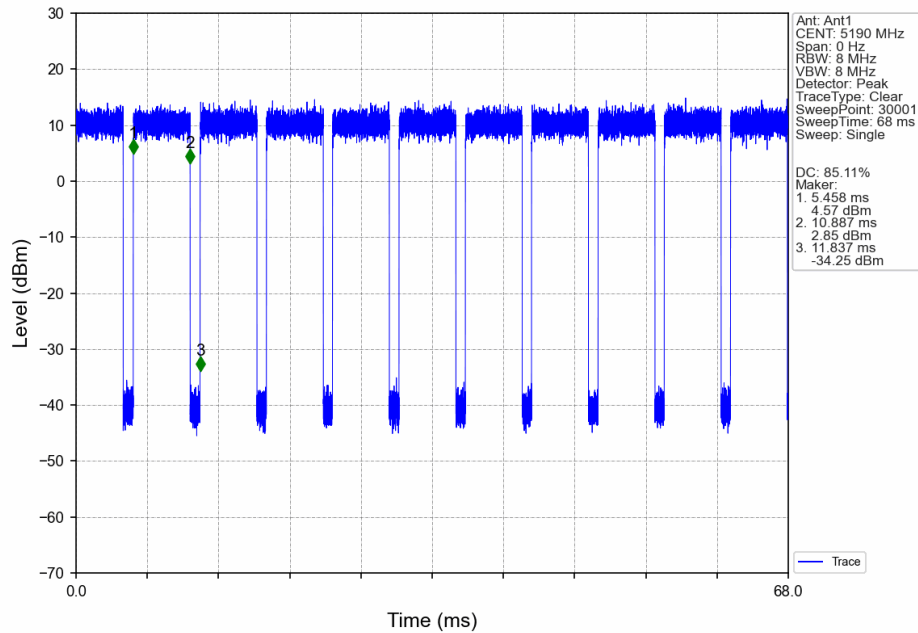
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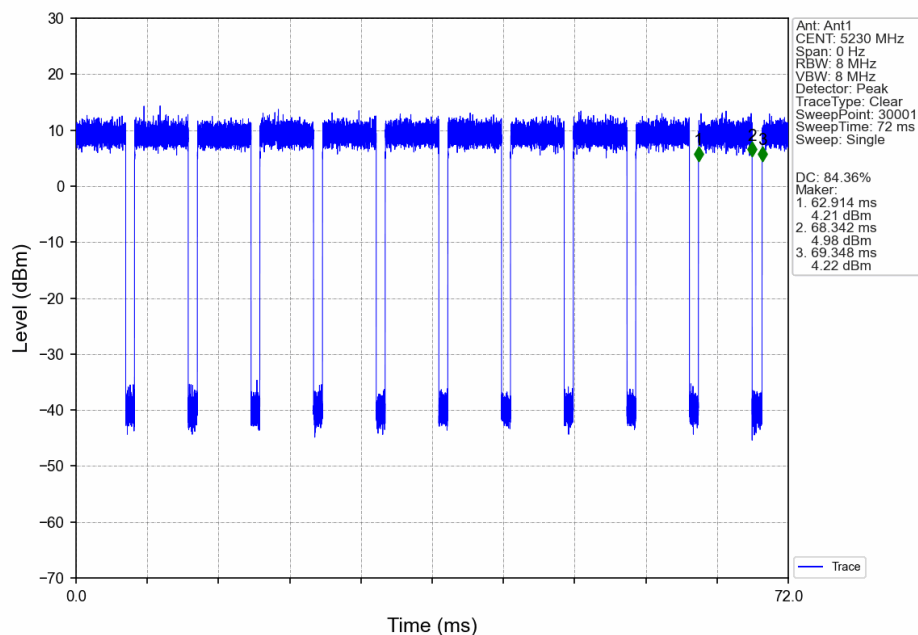
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### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



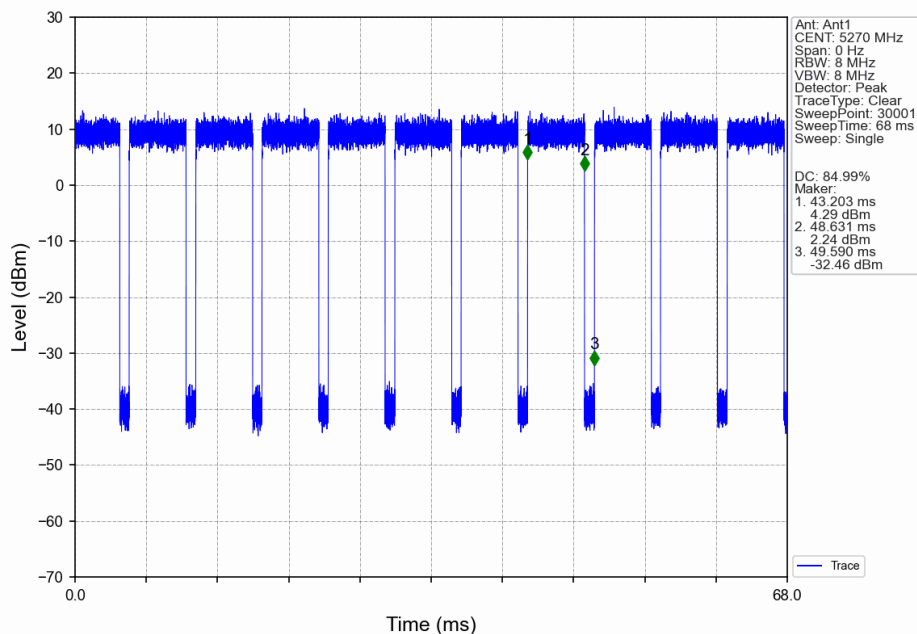
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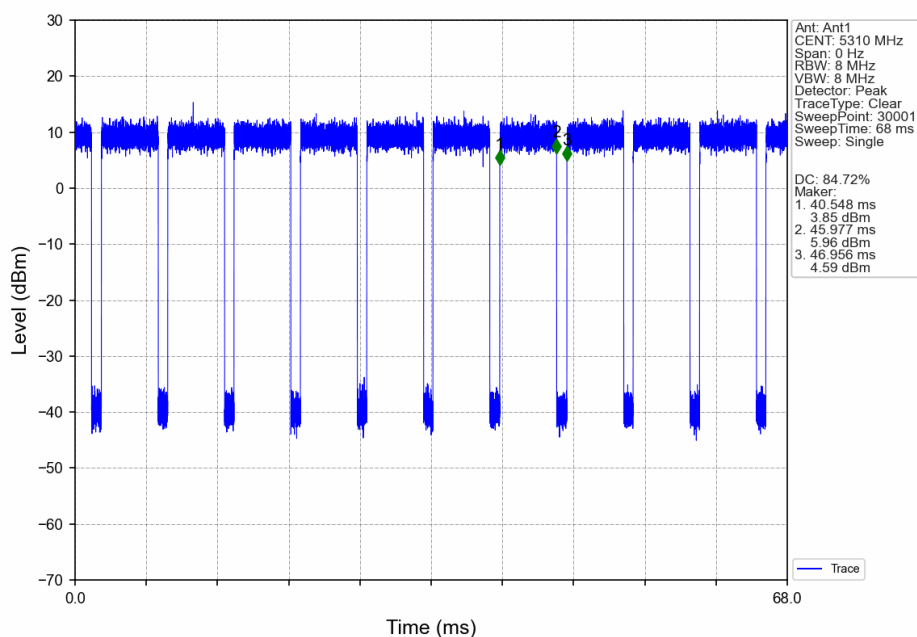
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



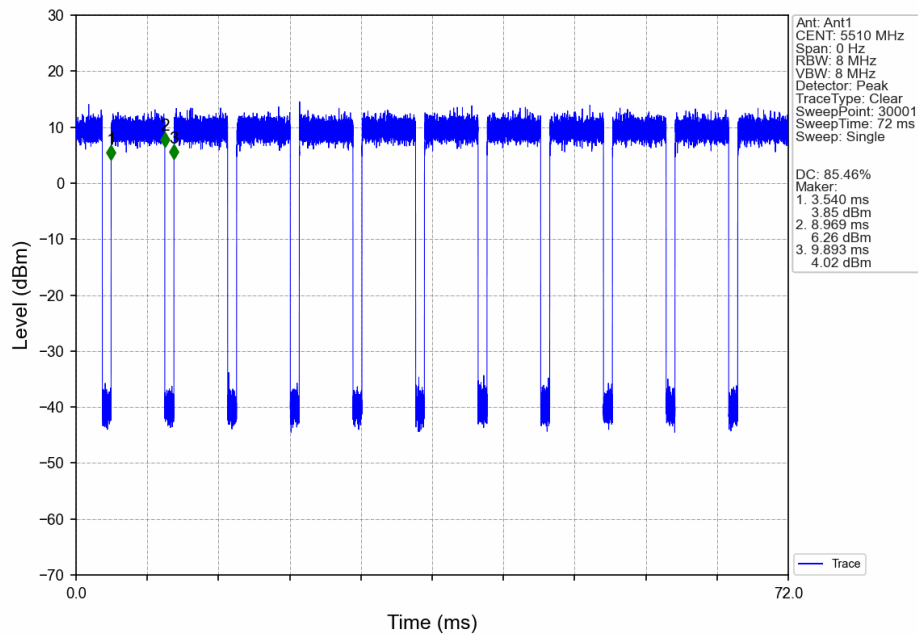
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



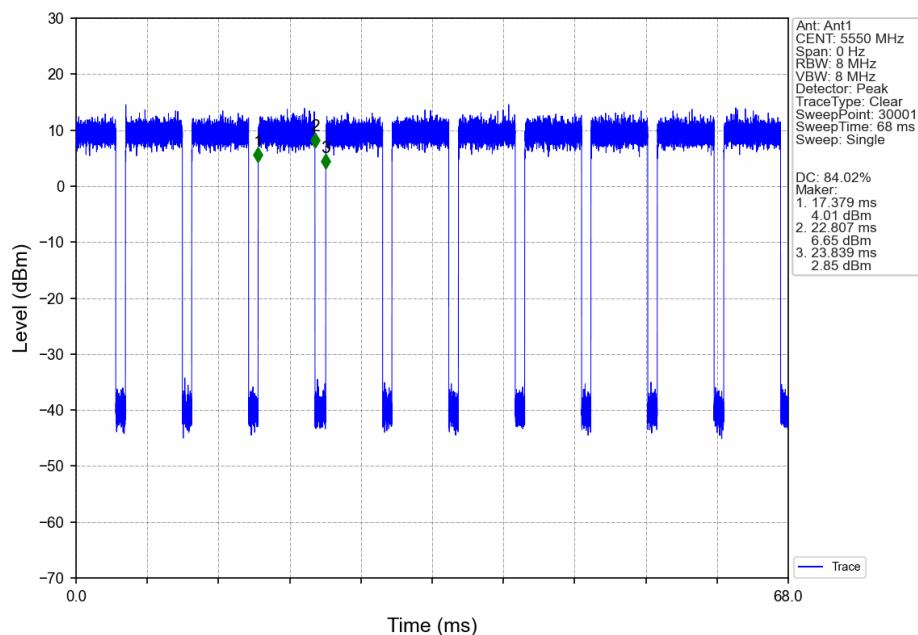
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### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



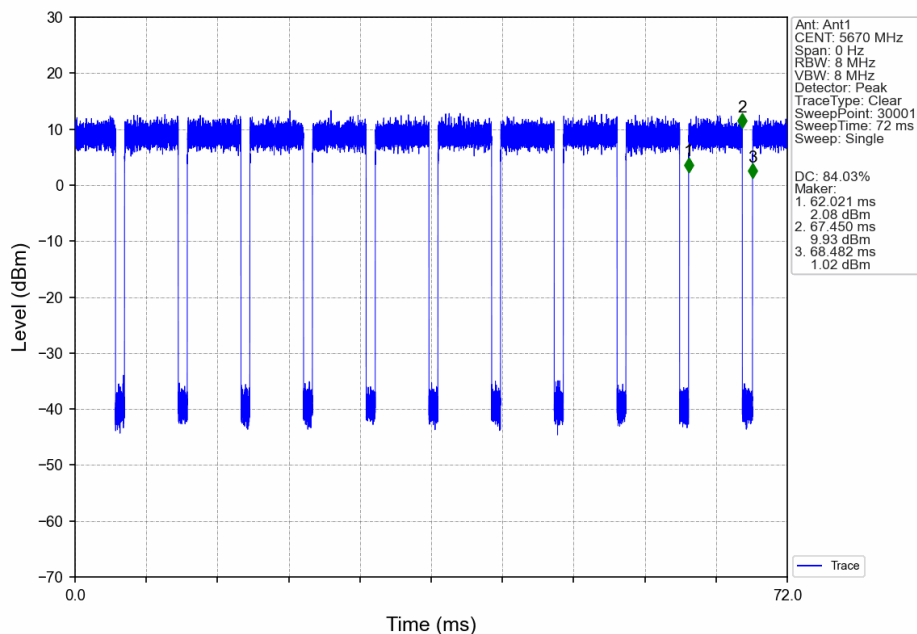
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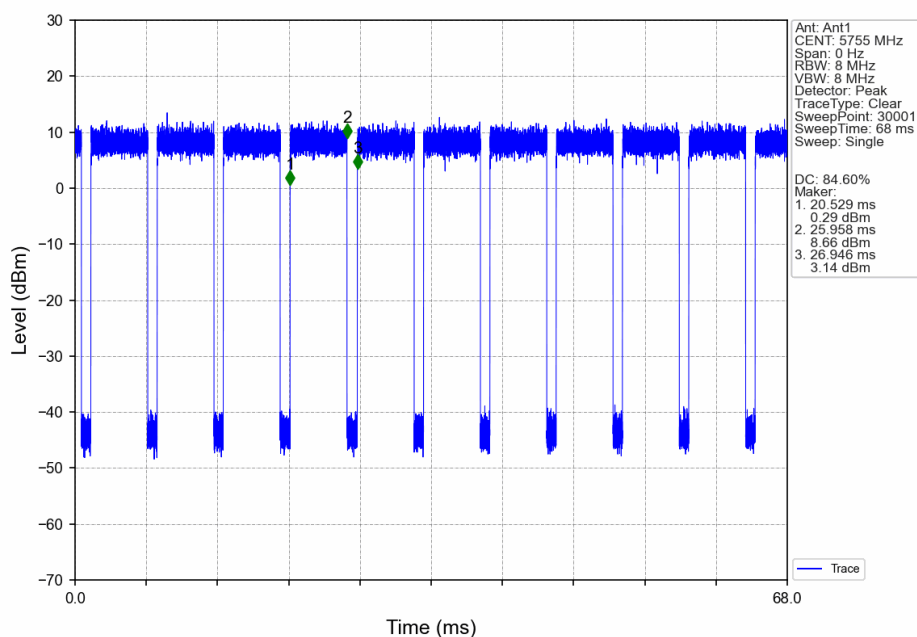
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802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



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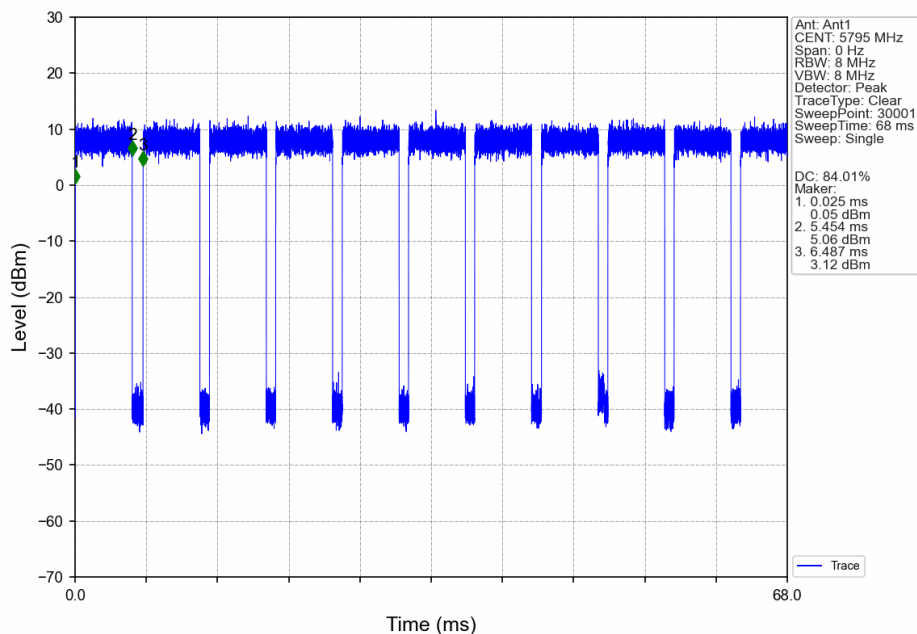
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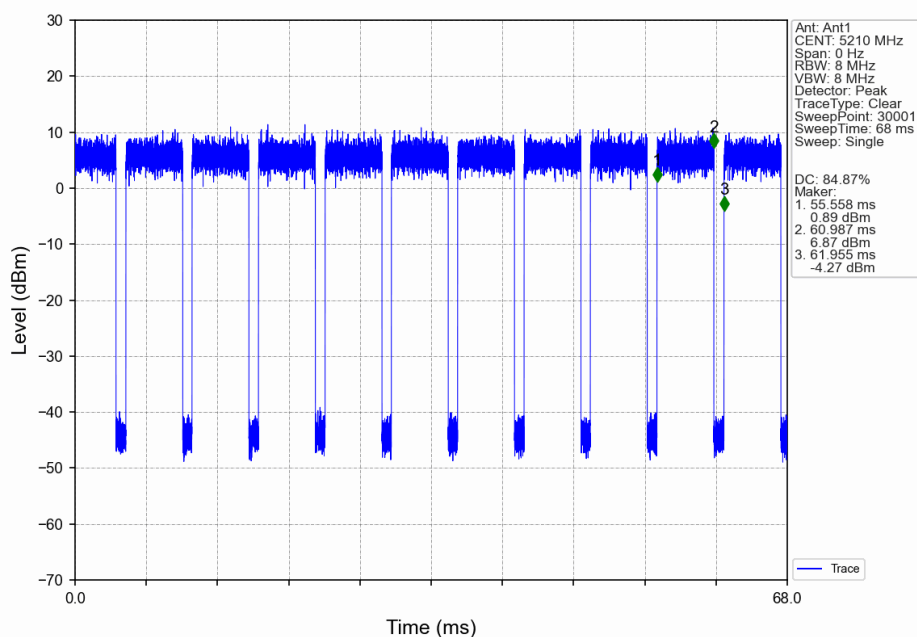
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802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



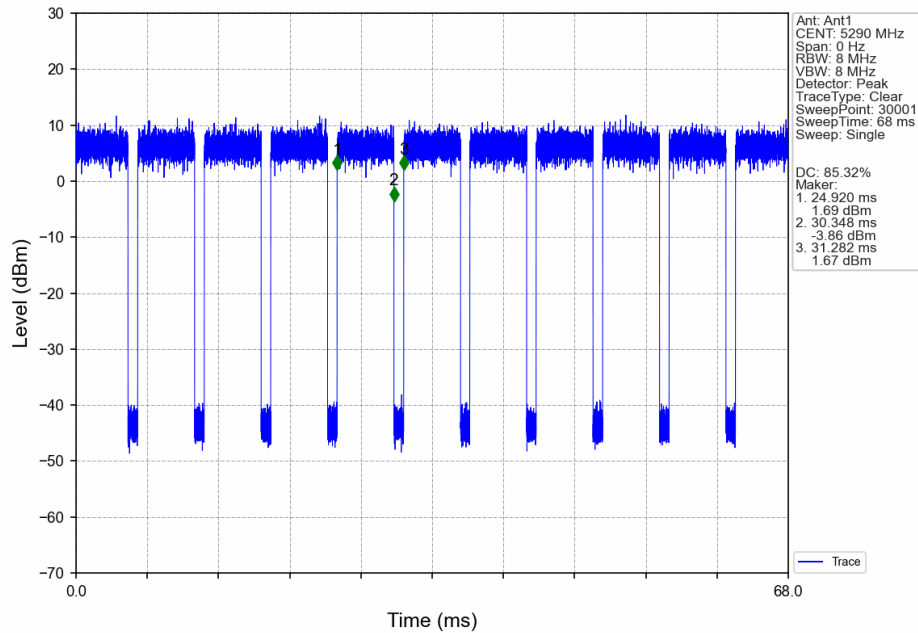
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



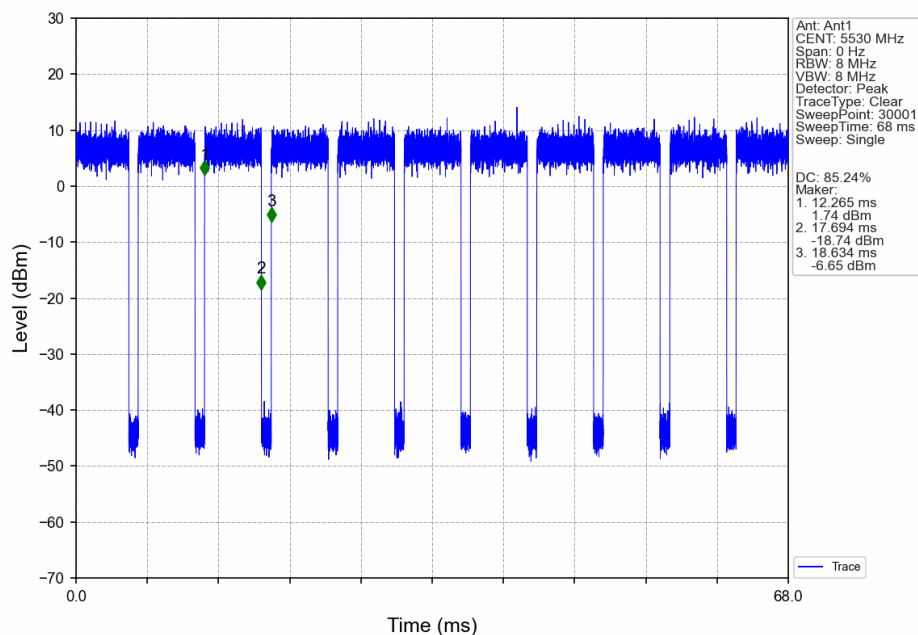
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### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



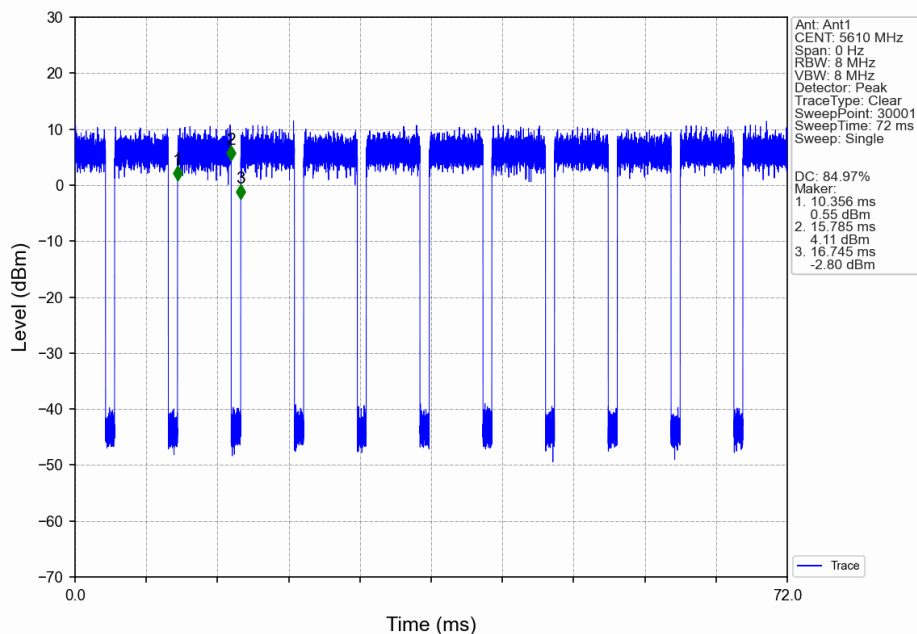
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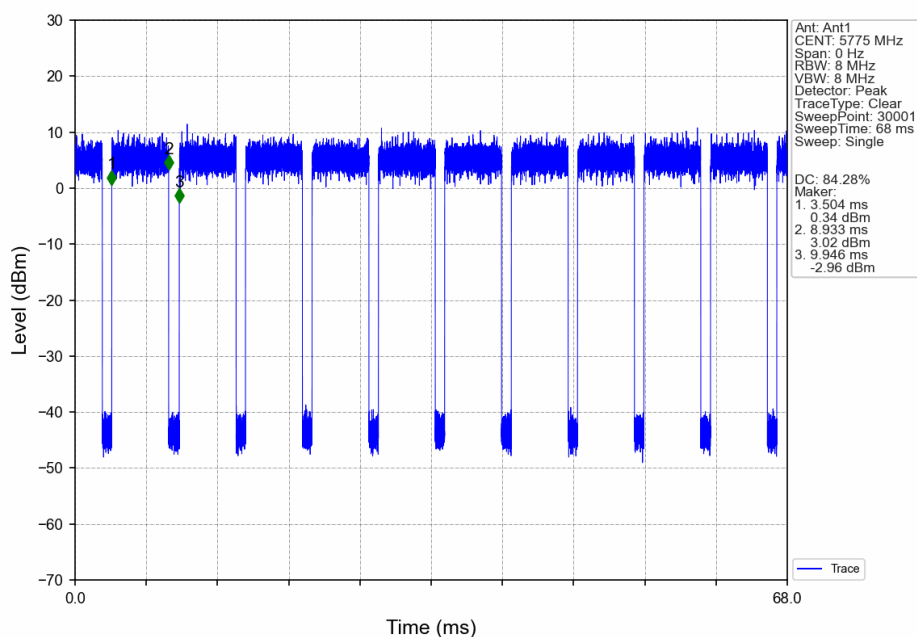
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### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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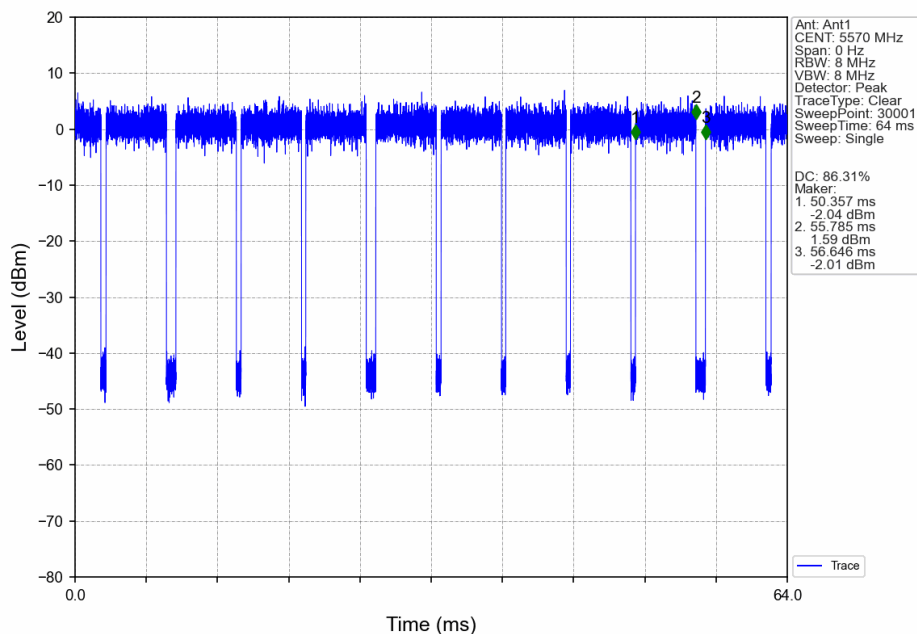
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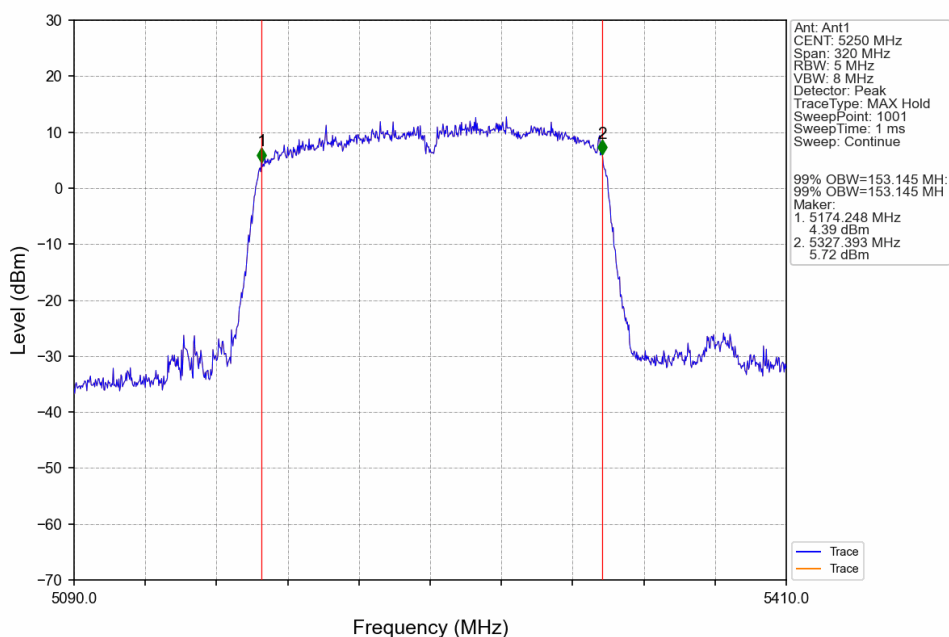
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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t (86-20) 82155555 sgs.china@sgs.com

802.11ac(VHT160)\_MCH\_5570MHz\_Ant1\_NTNV



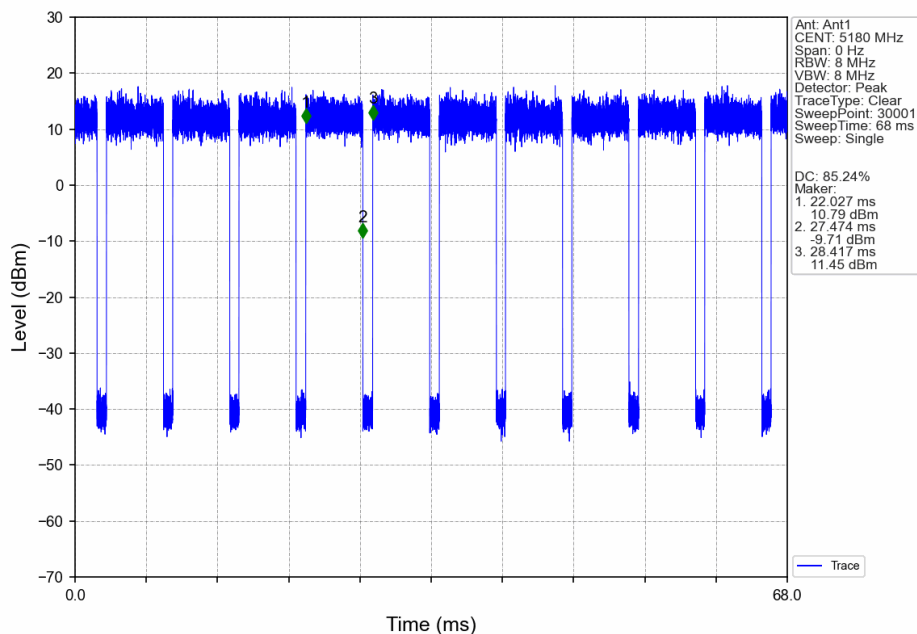
802.11ac(VHT160)\_MCH\_5250MHz\_Ant1\_NTNV



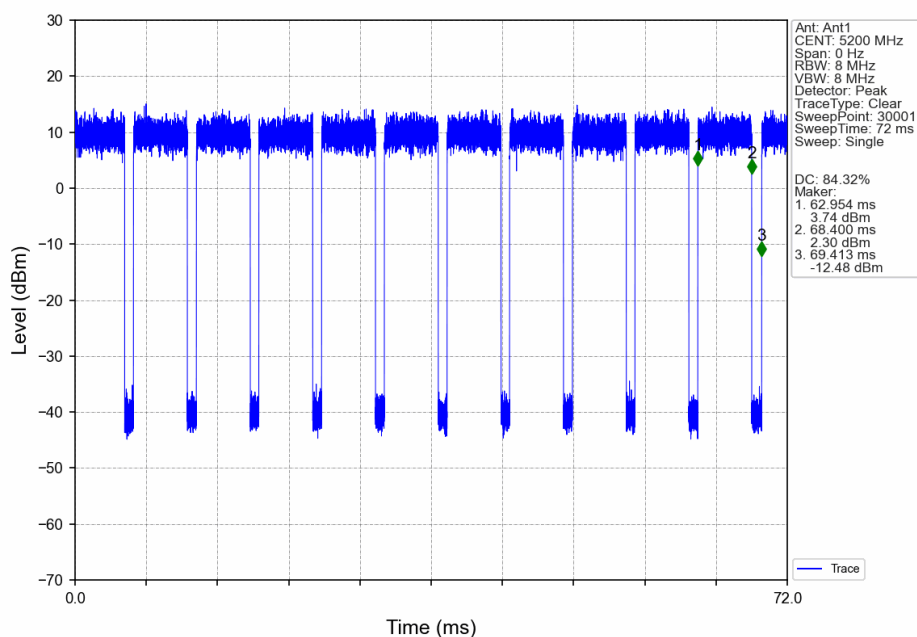
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802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV

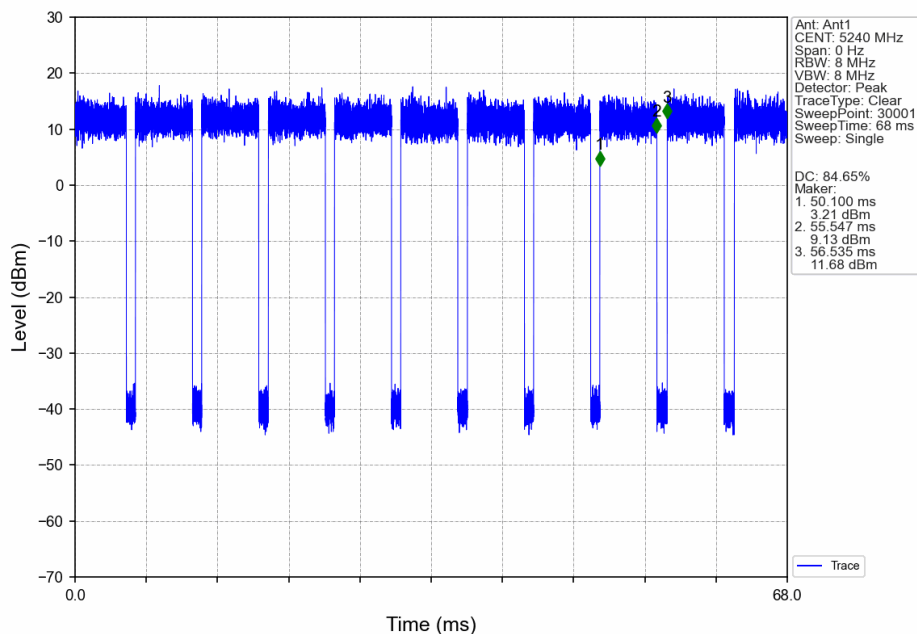


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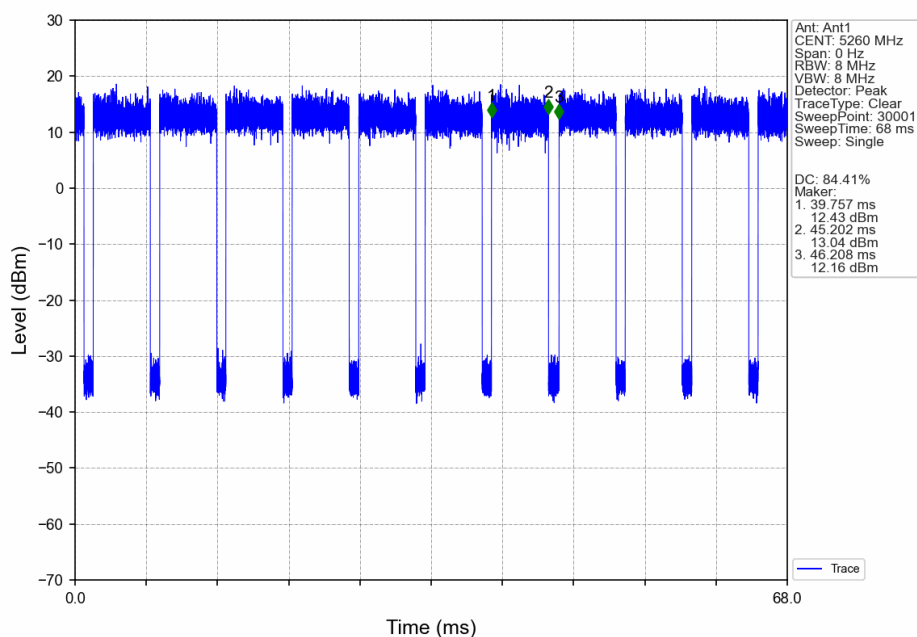
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802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



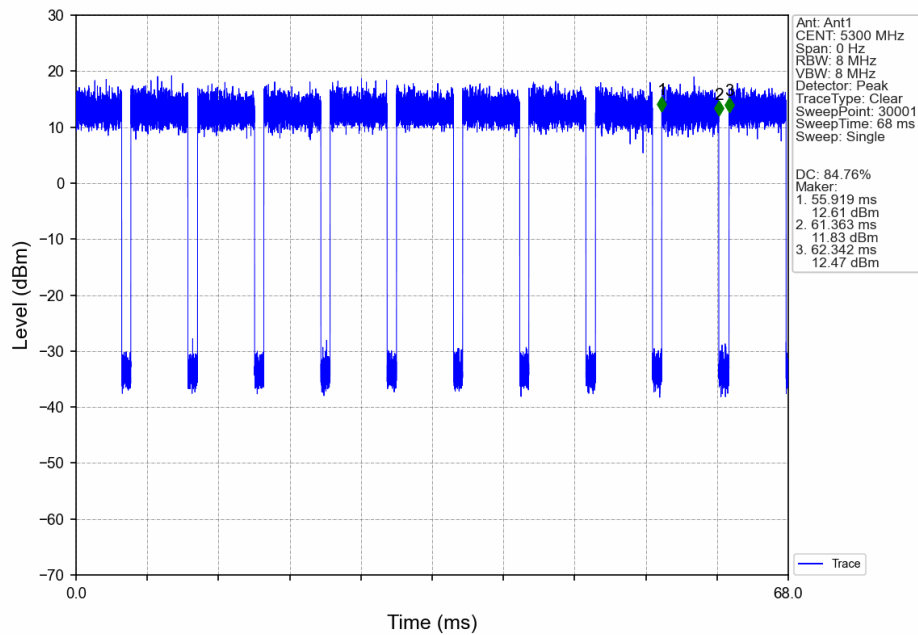
802.11ax(HEW20)\_LCH\_5260MHz\_RU242\_Left\_Ant1\_NTNV



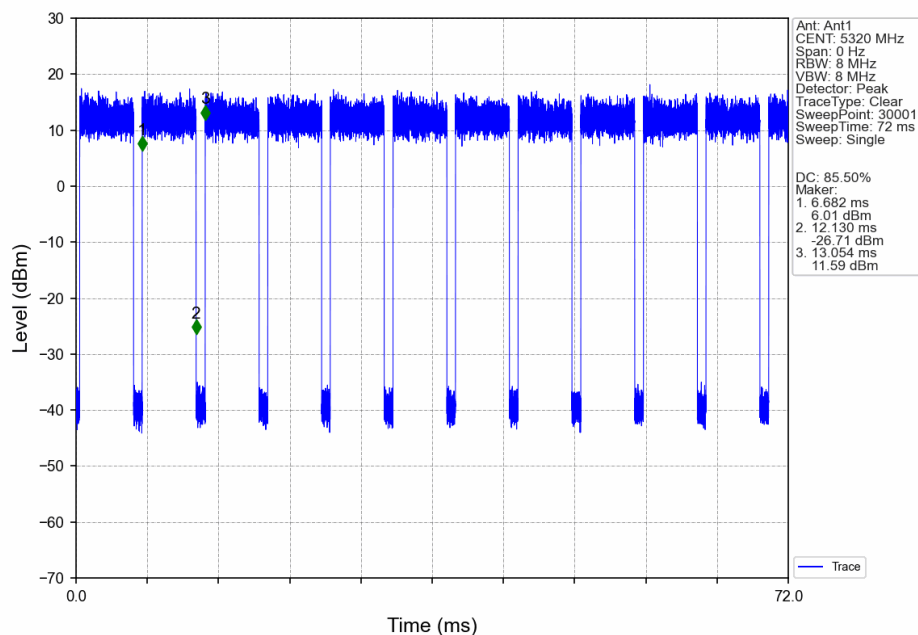
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802.11ax(HEW20)\_MCH\_5300MHz\_RU242\_Left\_Ant1\_NTNV



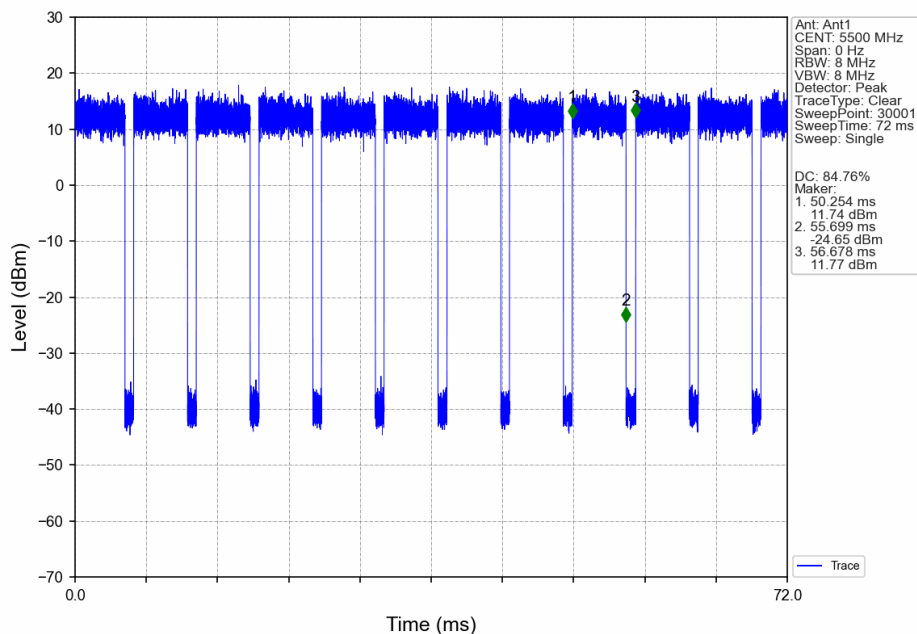
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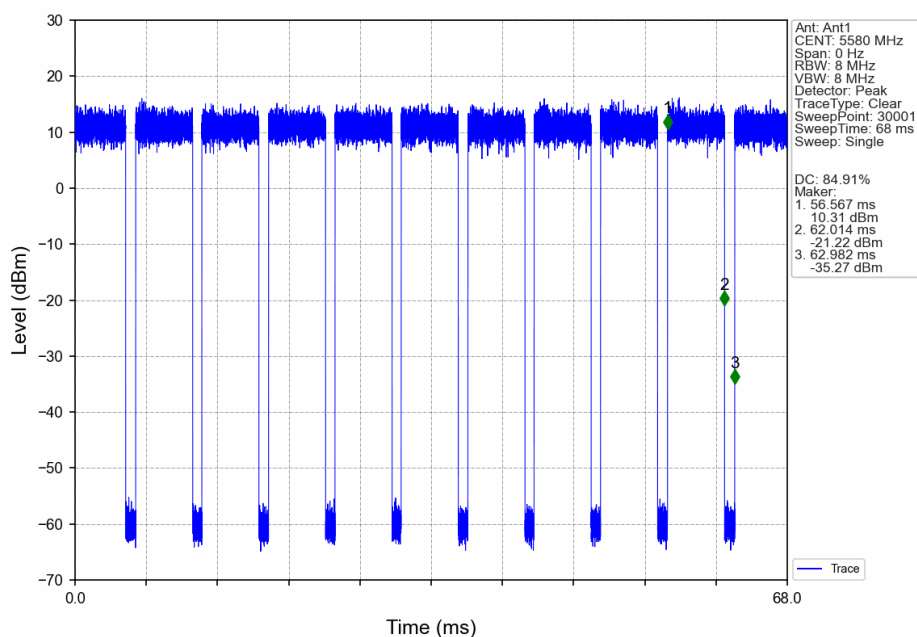
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802.11ax(HEW20)\_LCH\_5500MHz\_RU242\_Left\_Ant1\_NTNV



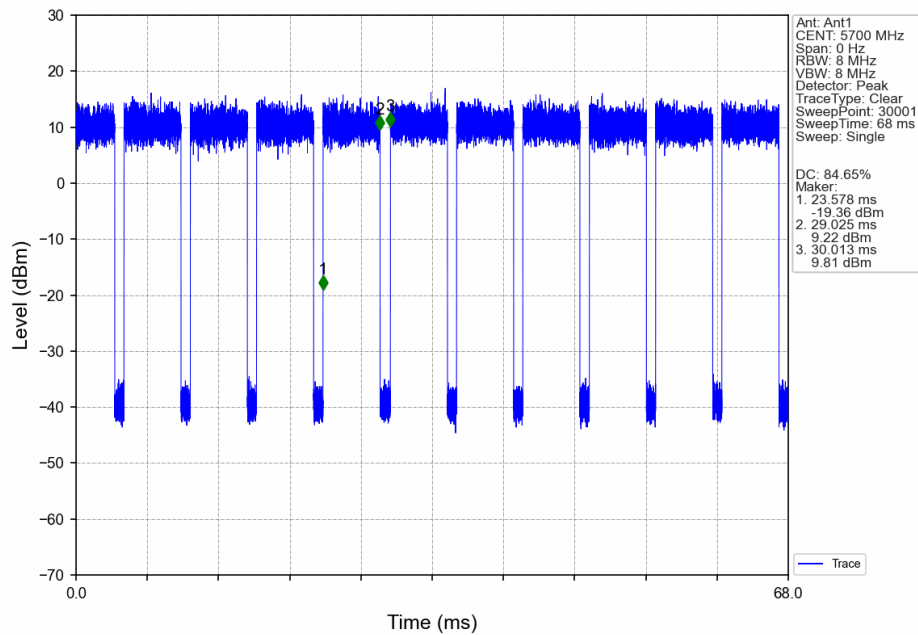
802.11ax(HEW20)\_MCH\_5580MHz\_RU242\_Left\_Ant1\_NTNV



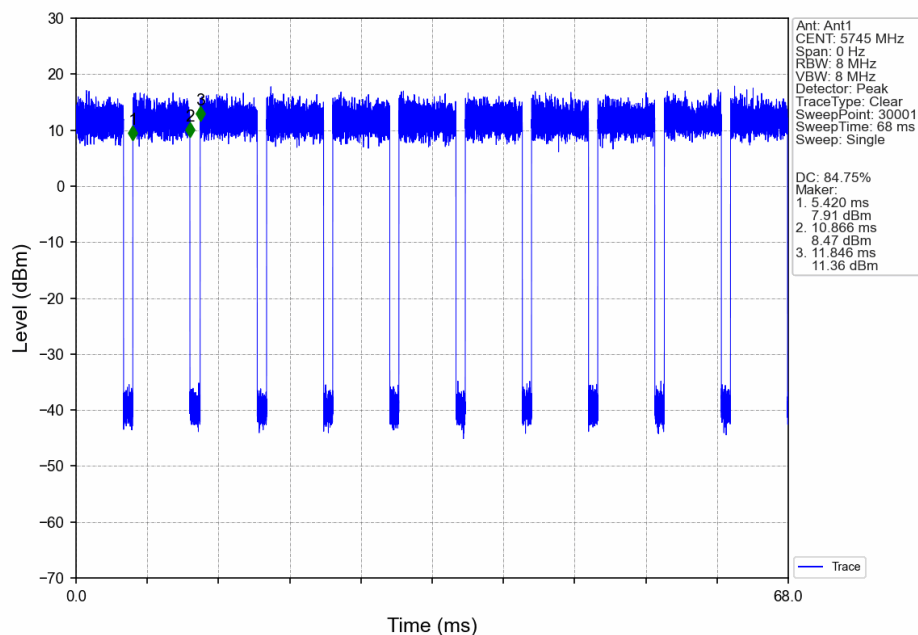
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802.11ax(HEW20)\_HCH\_5700MHz\_RU242\_Left\_Ant1\_NTNV



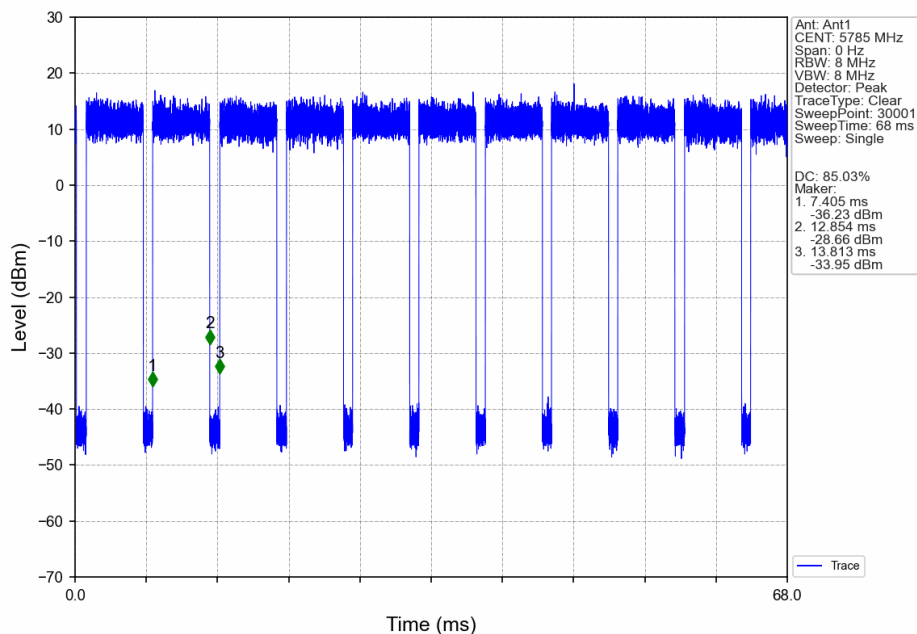
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



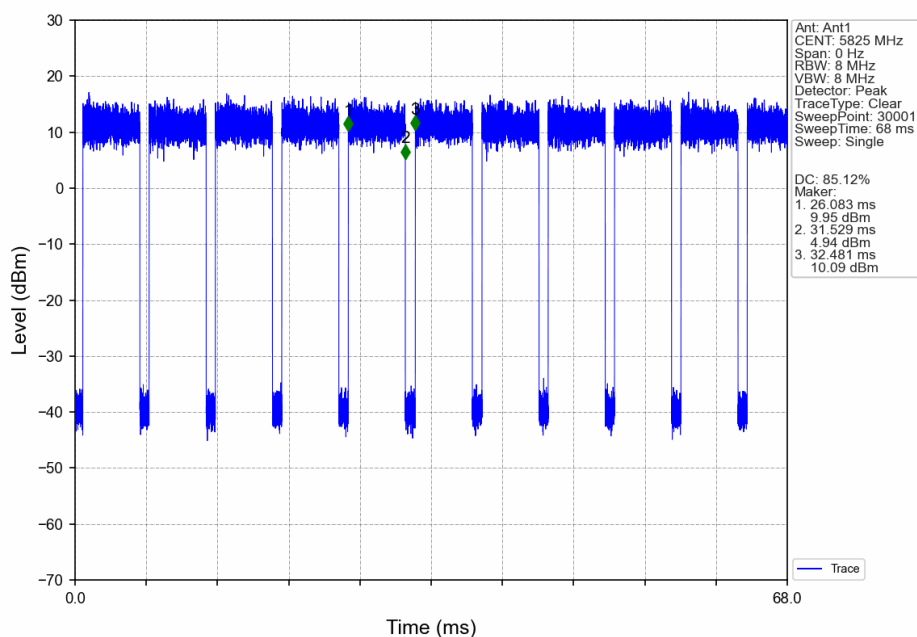
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### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV

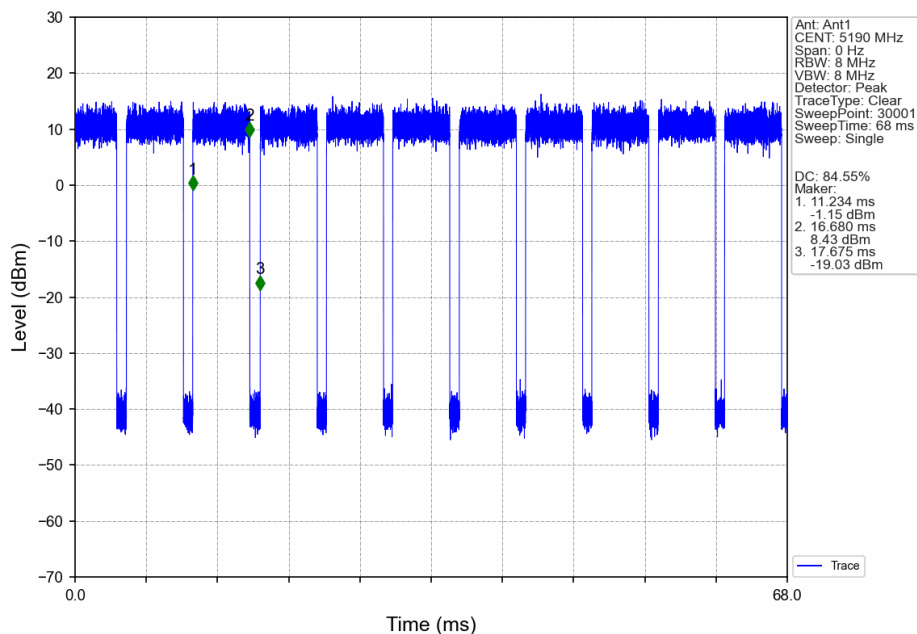


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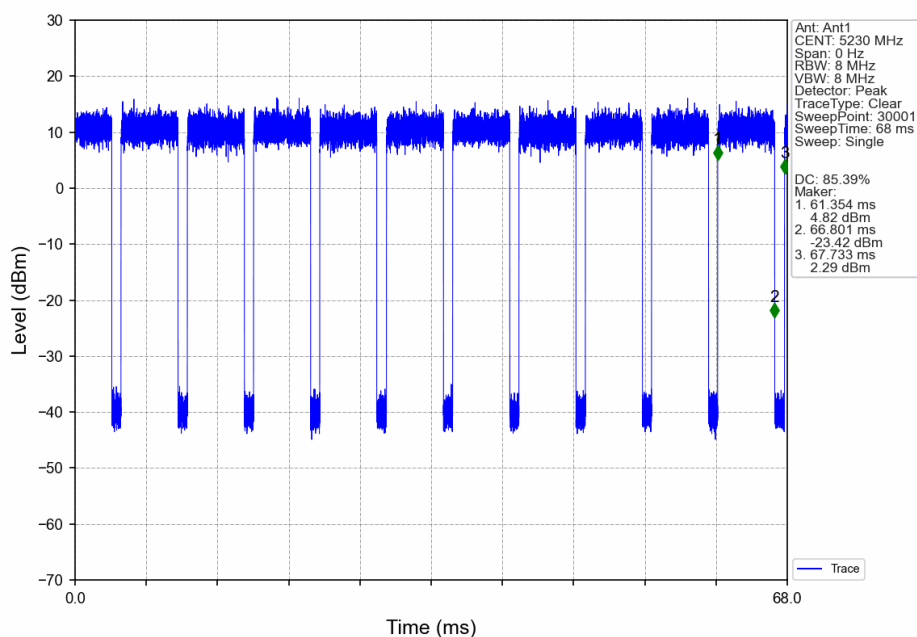
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802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



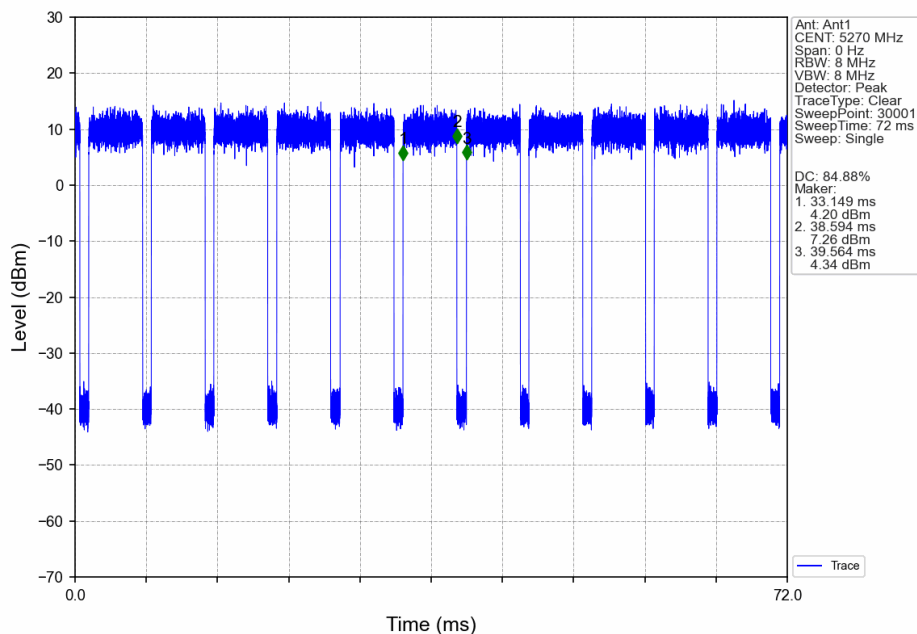
802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



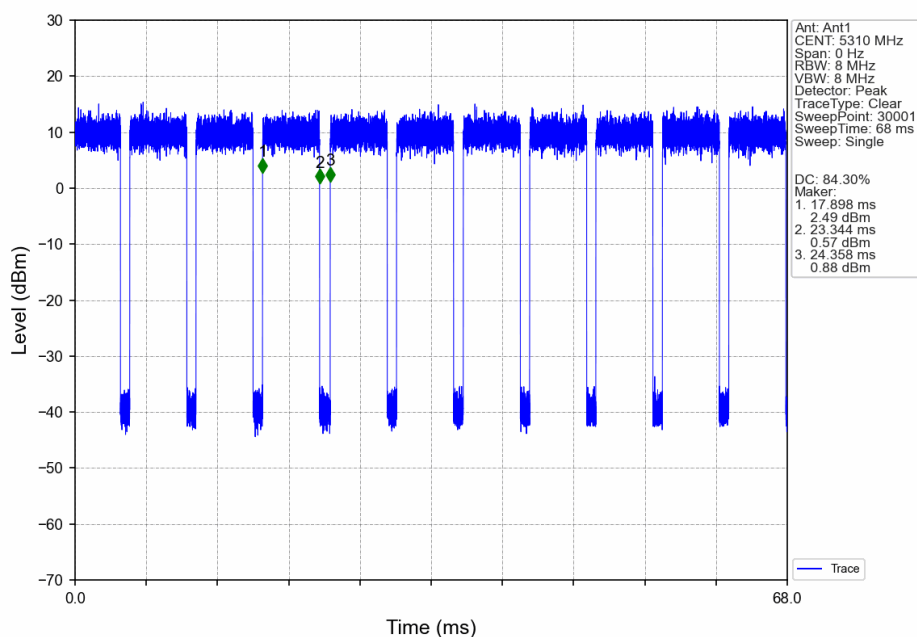
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802.11ax(HEW40)\_LCH\_5270MHz\_RU484\_Left\_Ant1\_NTNV



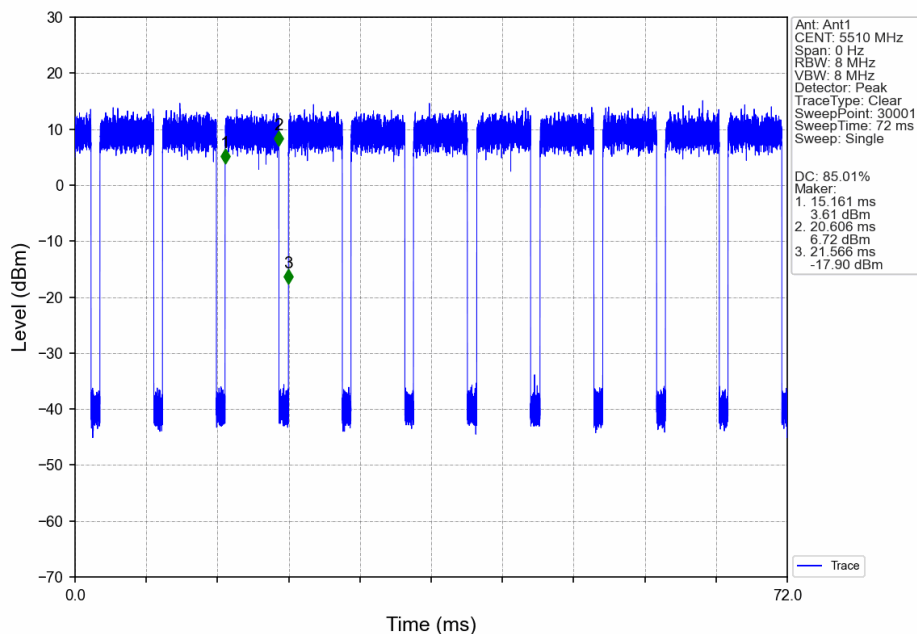
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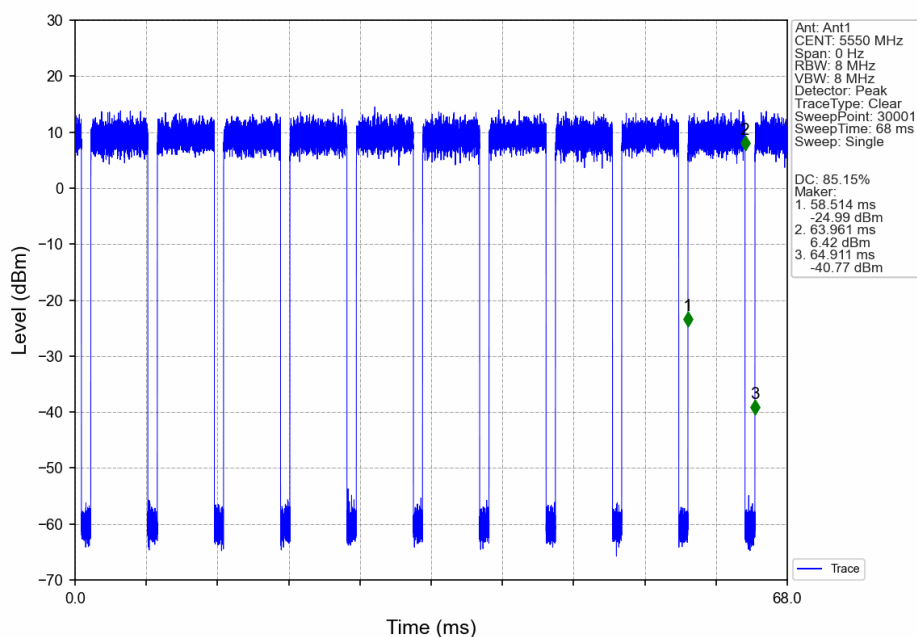
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802.11ax(HEW40)\_LCH\_5510MHz\_RU484\_Left\_Ant1\_NTNV



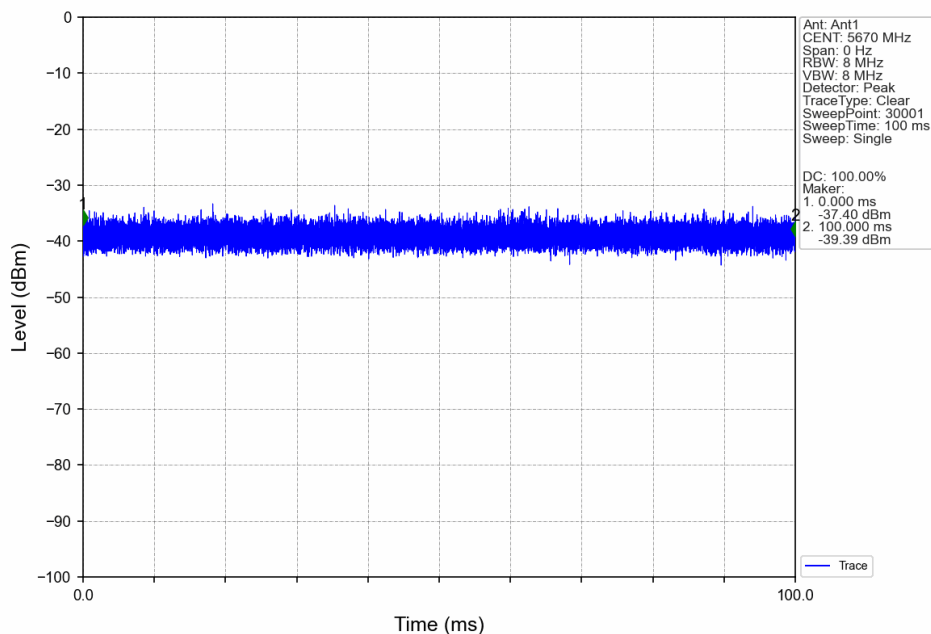
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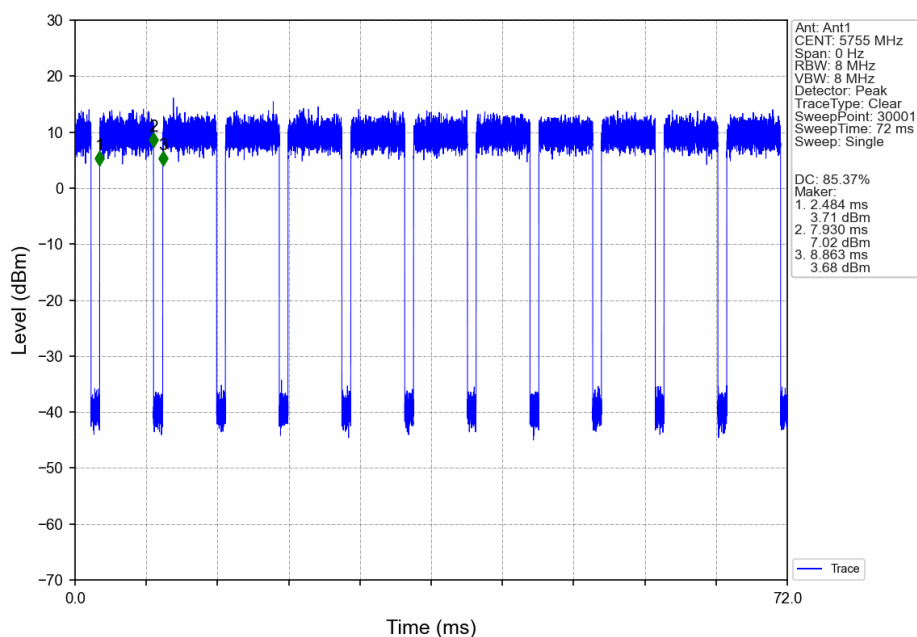
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802.11ax(HEW40)\_HCH\_5670MHz\_RU484\_Left\_Ant1\_NTNV



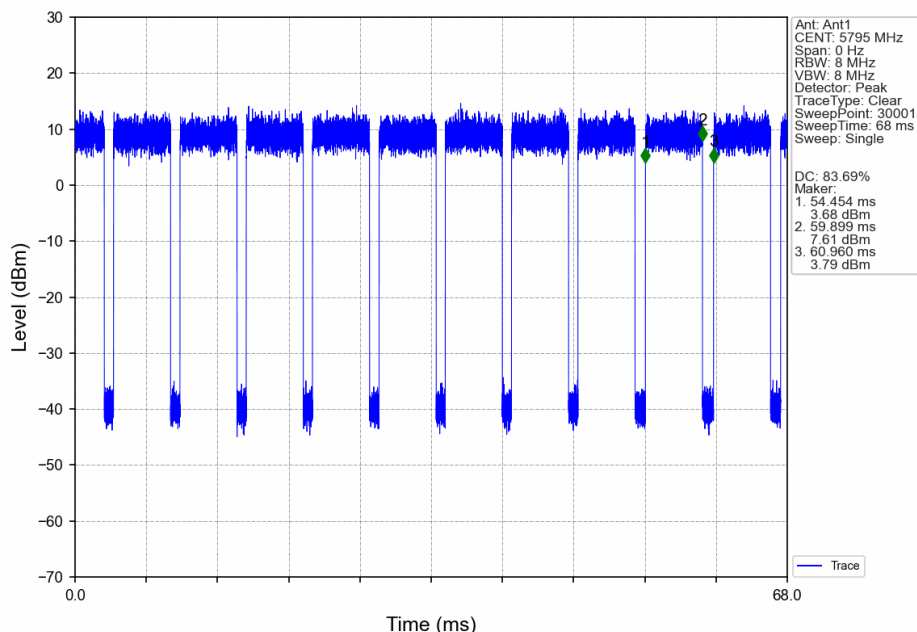
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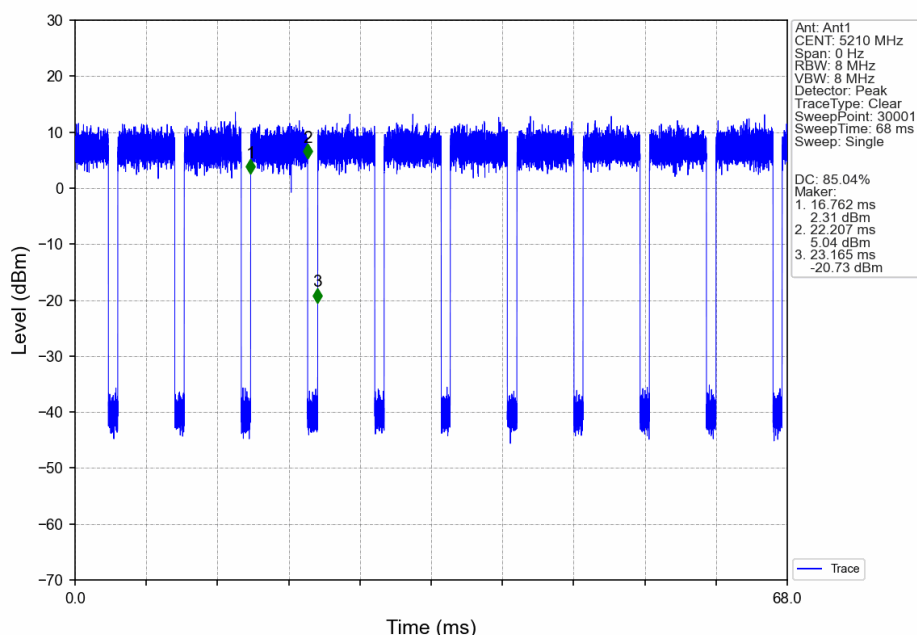
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802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV

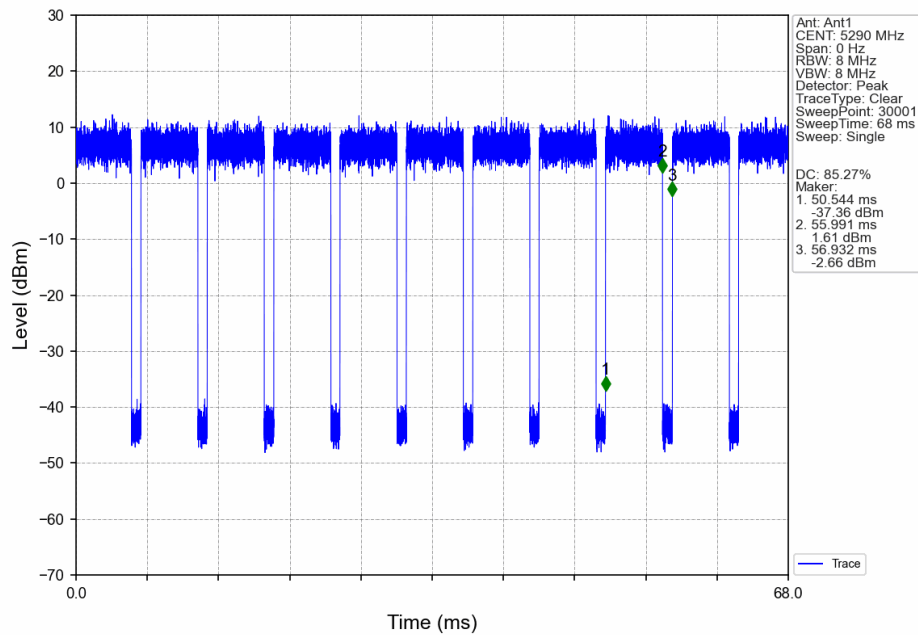


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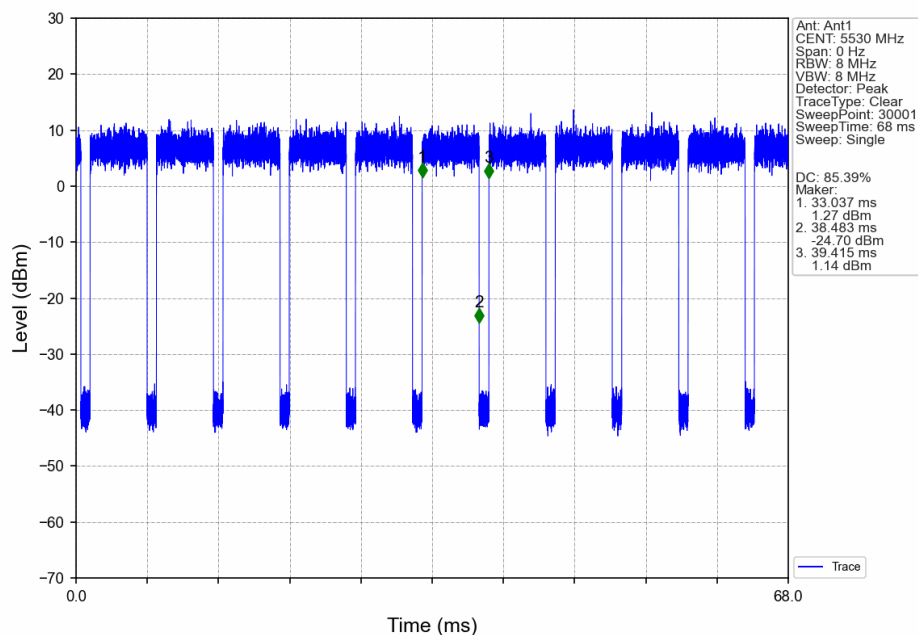
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802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant1\_NTNV



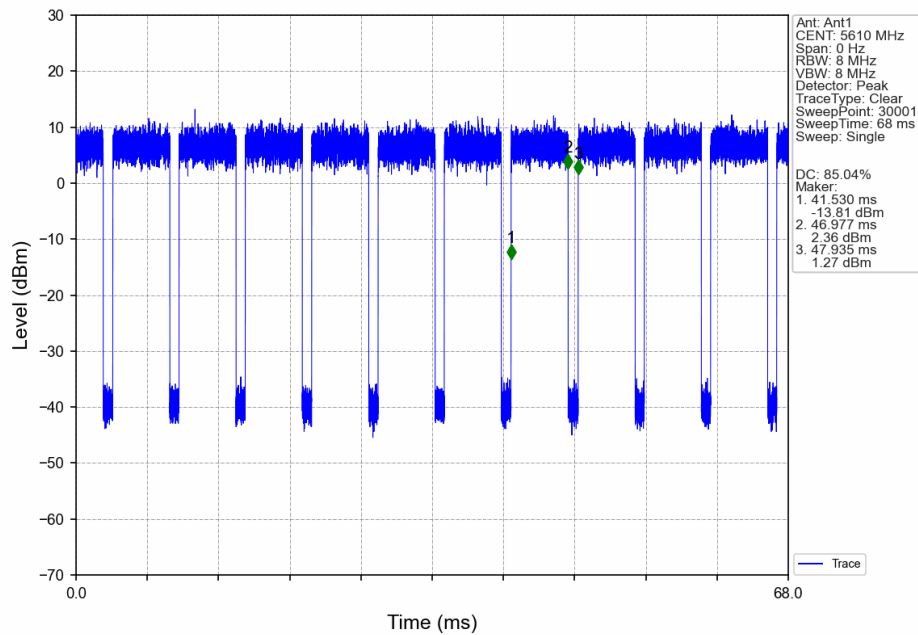
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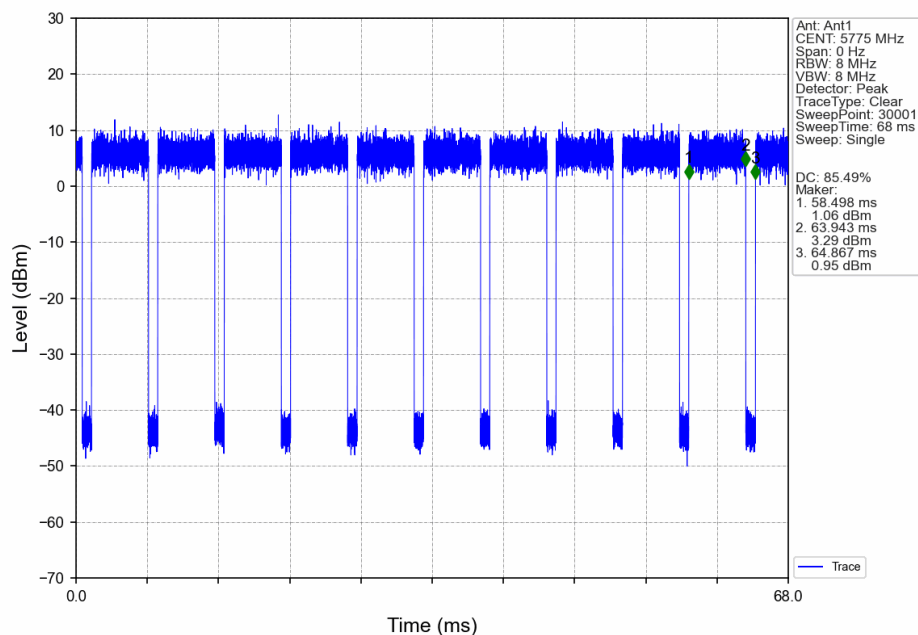
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802.11ax(HEW80)\_HCH\_5610MHz\_RU996\_Left\_Ant1\_NTNV



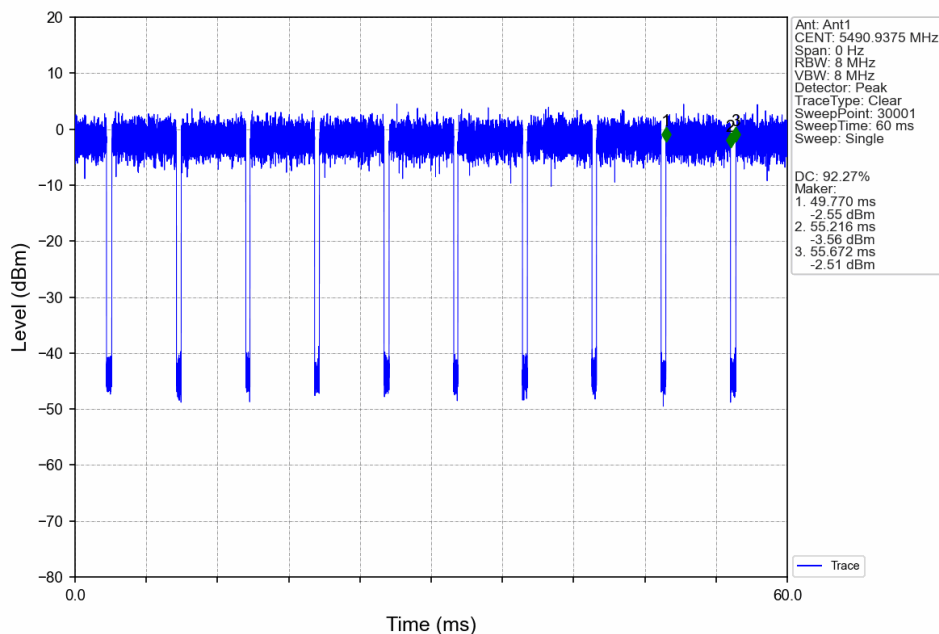
802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



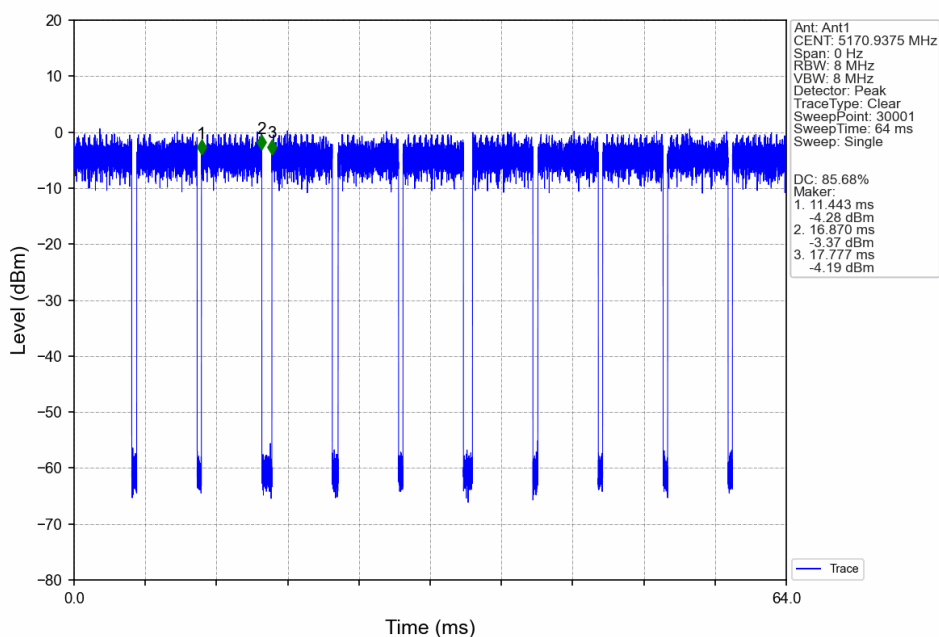
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802.11ax(HEW160)\_MCH\_5570MHz\_2xRU996\_Left\_Ant1\_NTNV



802.11ax(HEW160)\_MCH\_5250MHz\_2xRU996\_Left\_Ant1\_NTNV



- End of the Appendix -



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