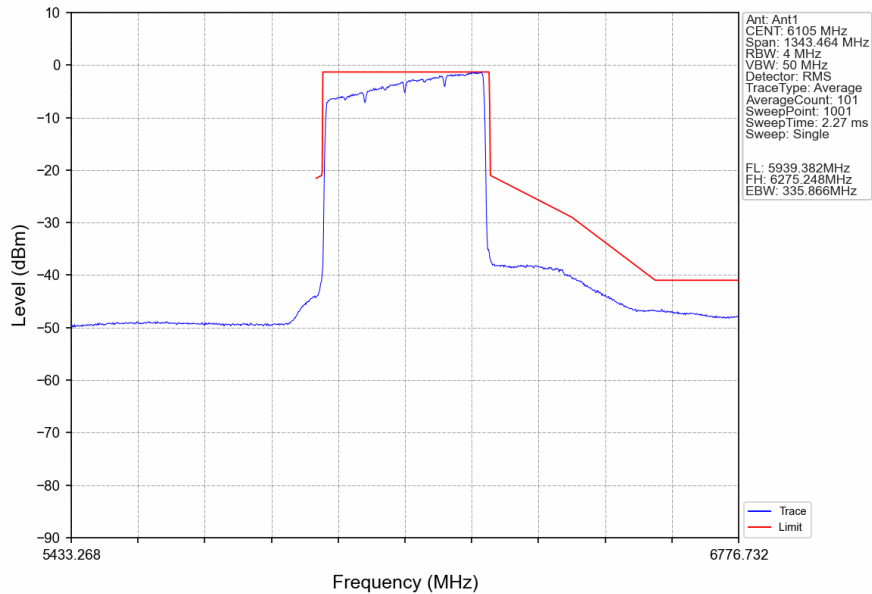
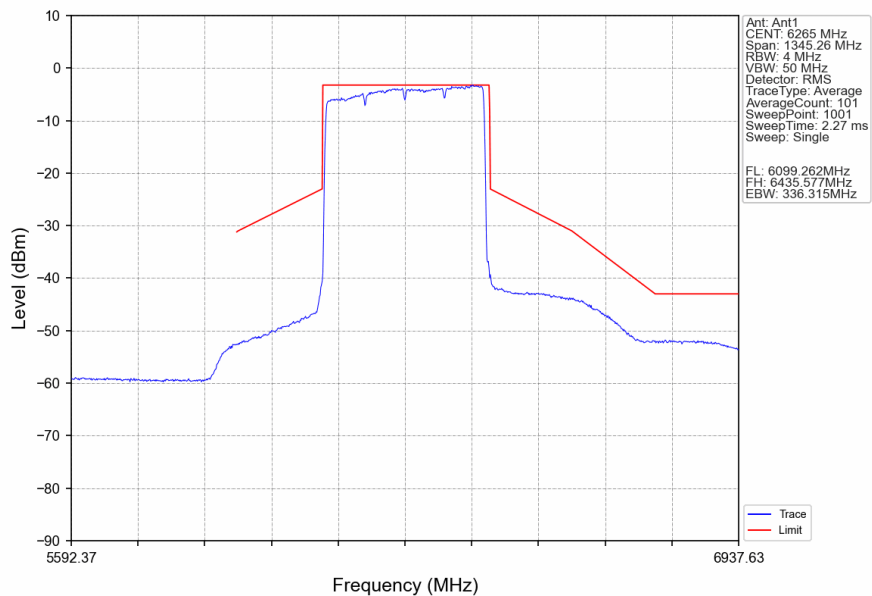


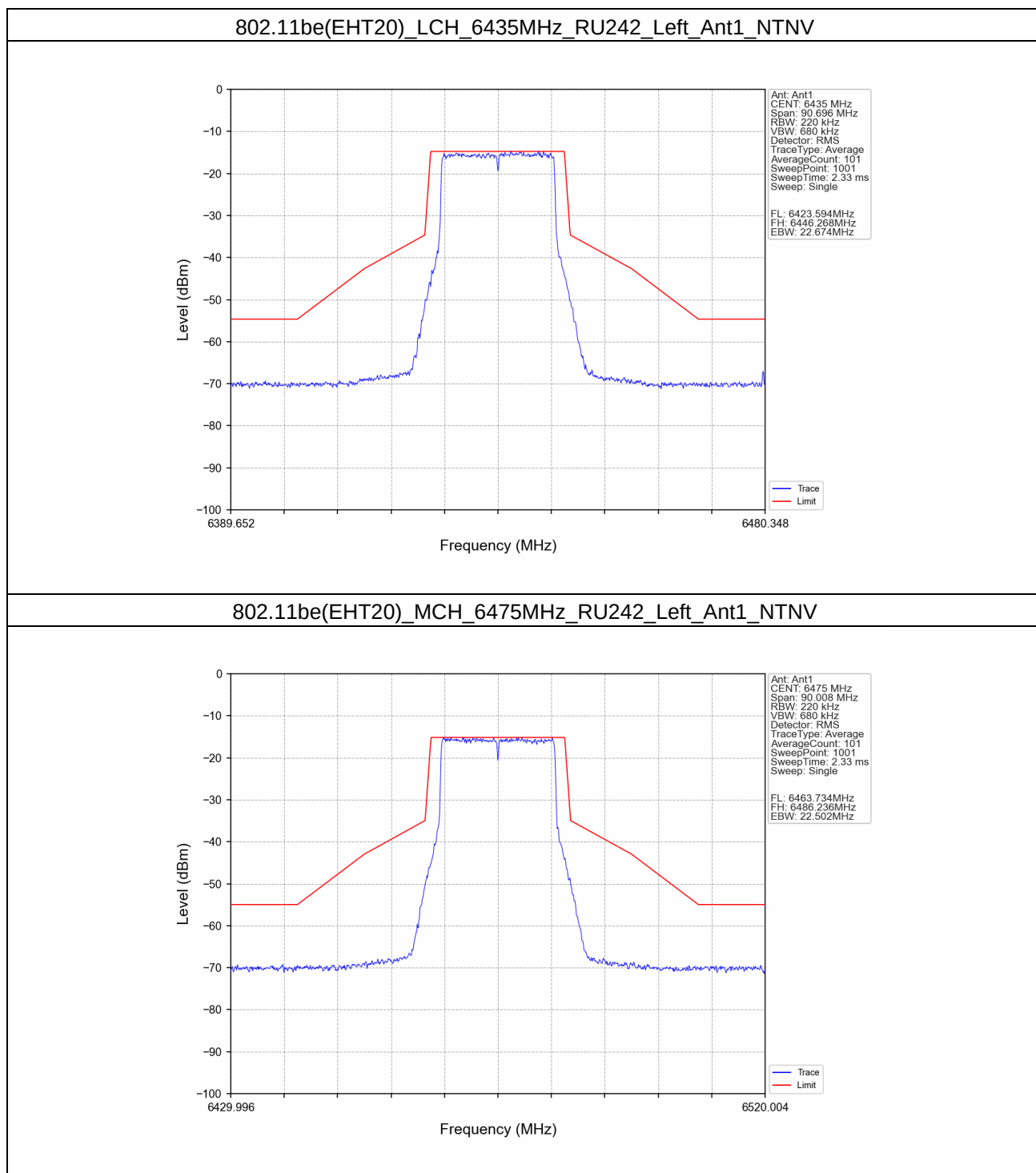
802.11be(EHT320)_LCH_6105MHz_4xRU996_Left_Ant1_NTNV



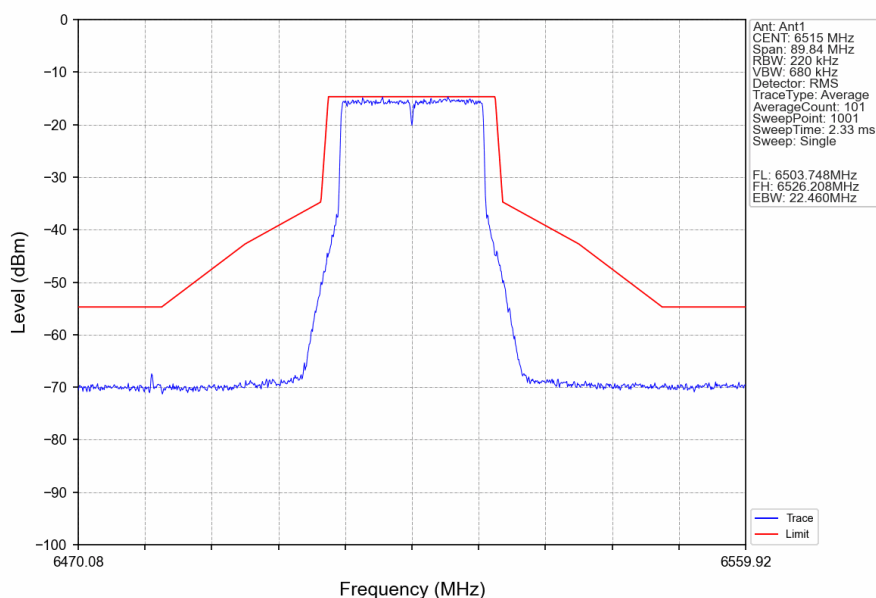
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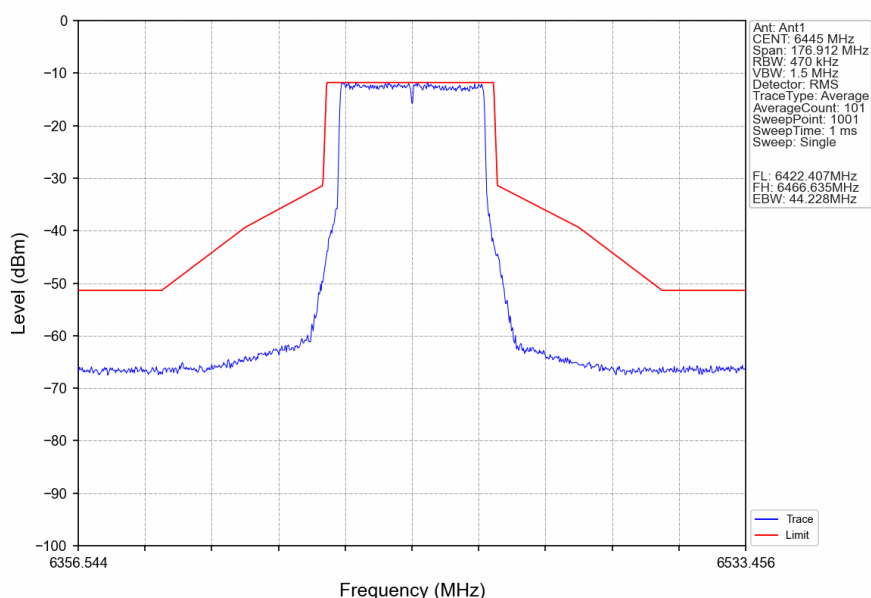
6.2.2 EMask



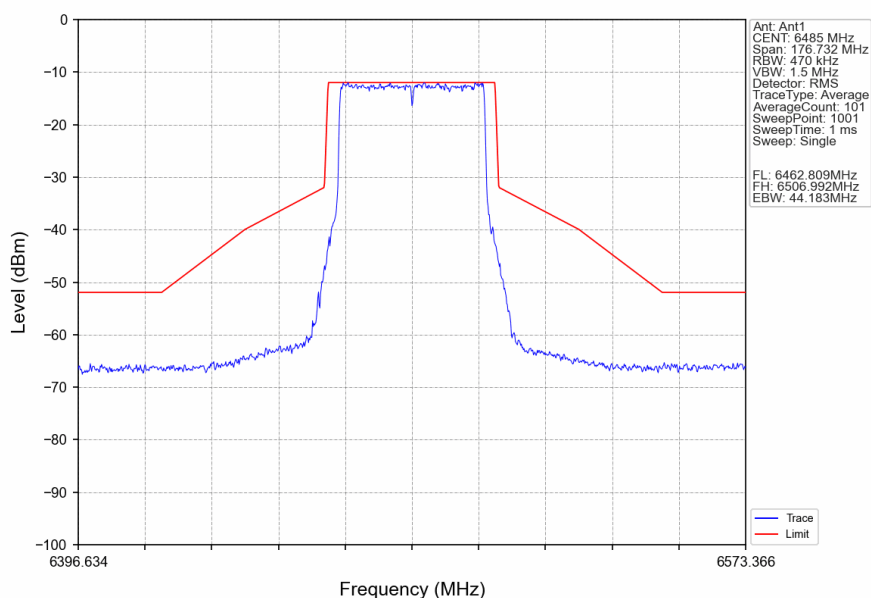
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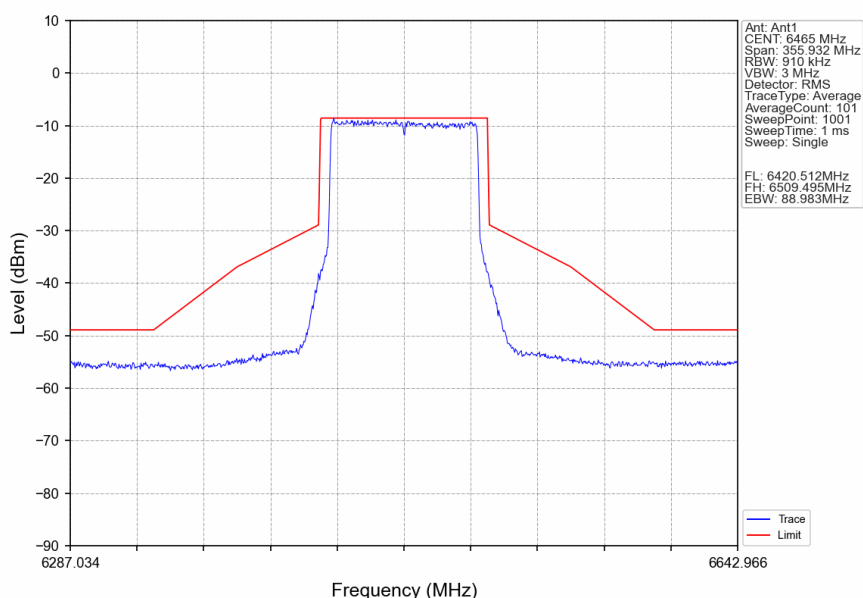
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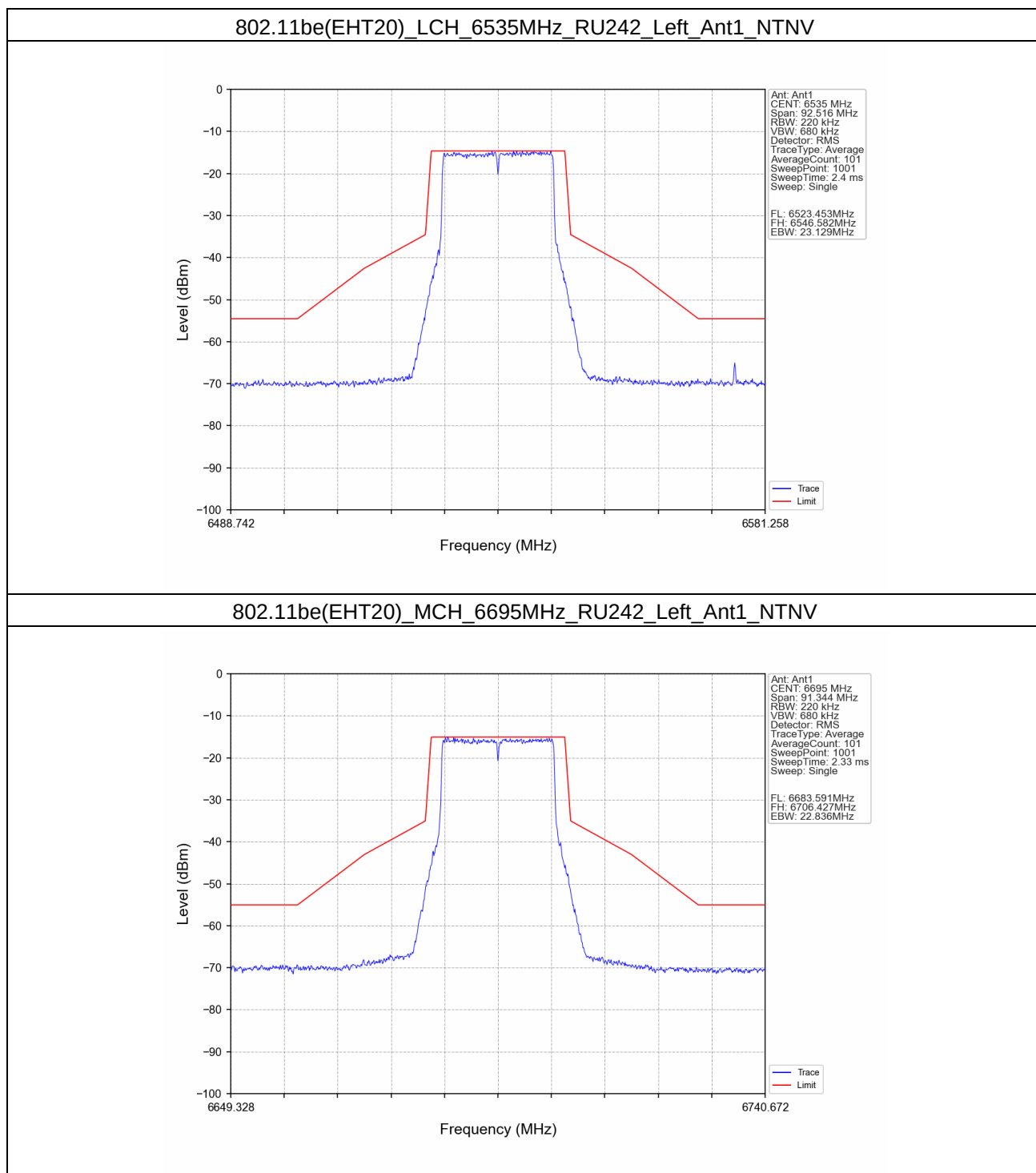
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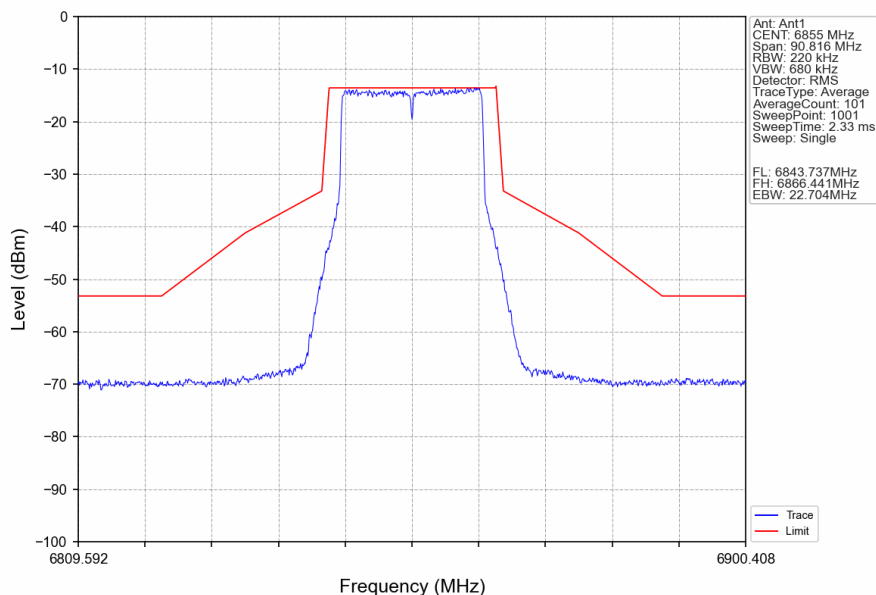
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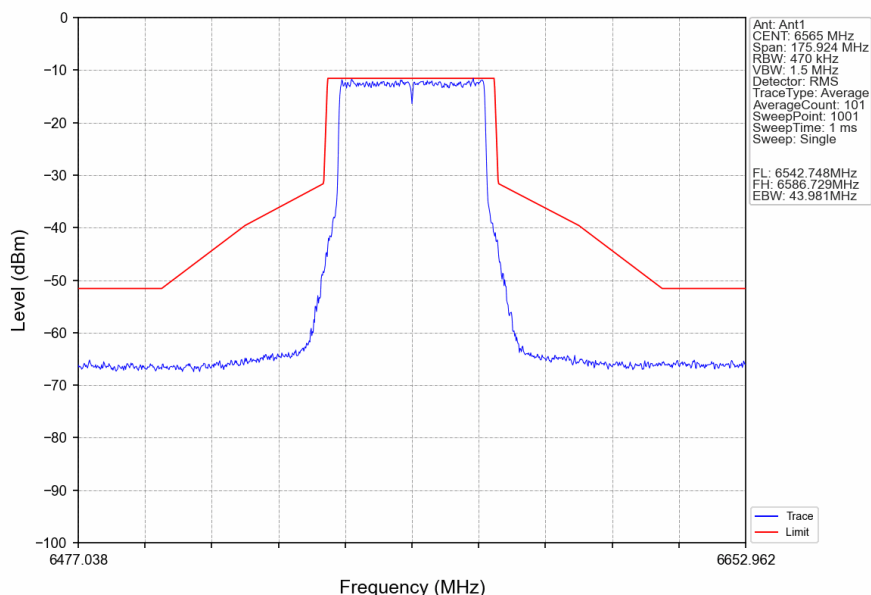
6.2.3 EMask



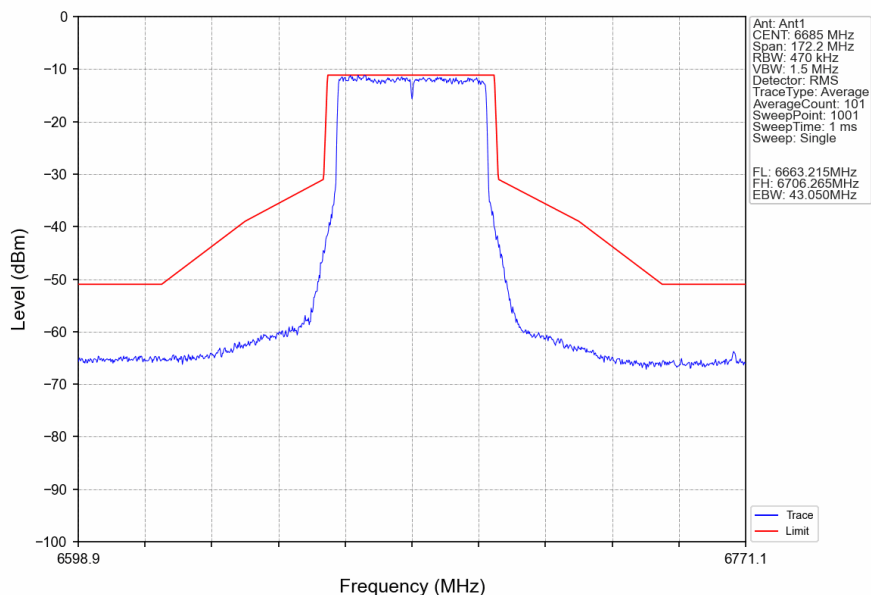
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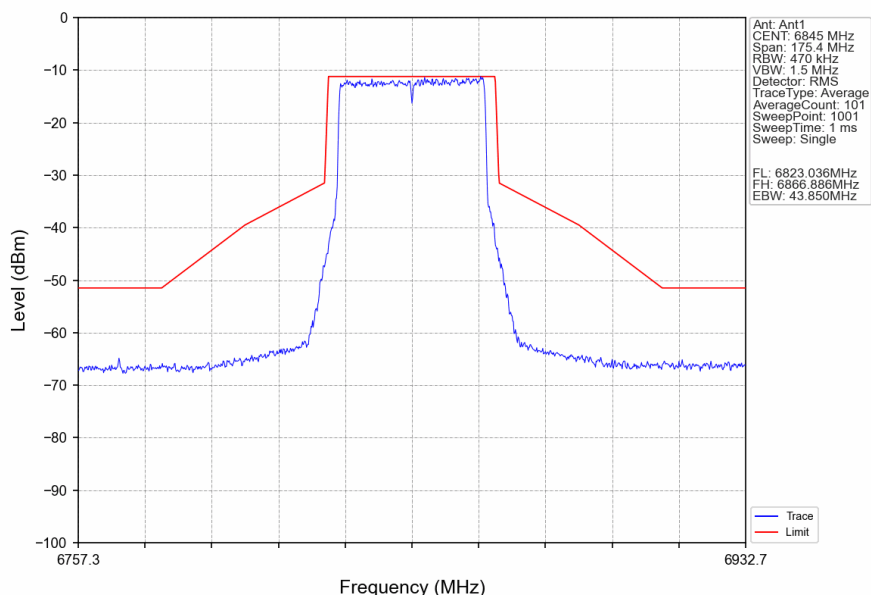
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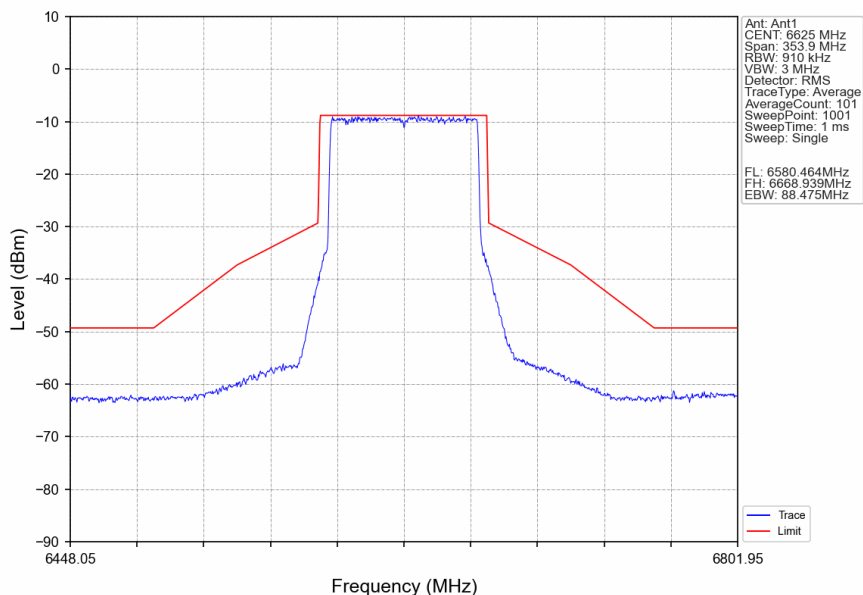
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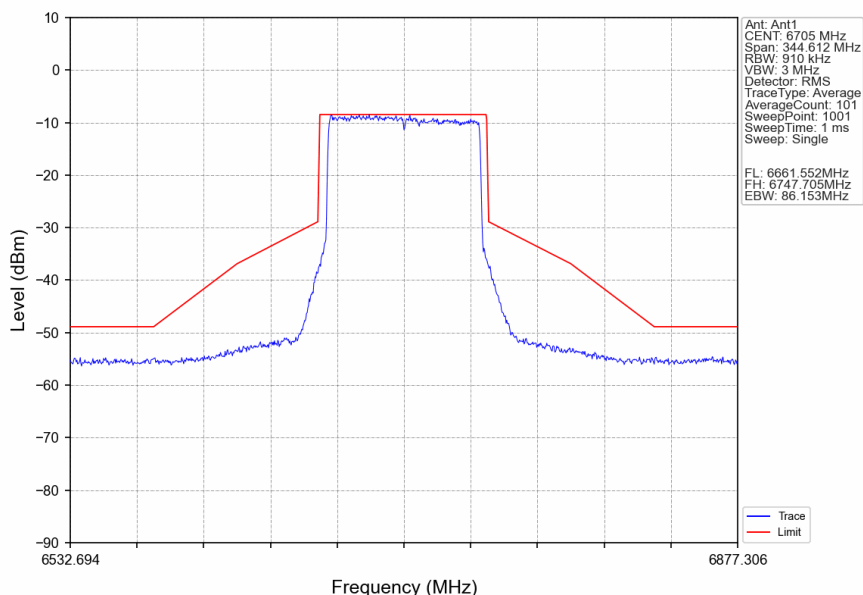
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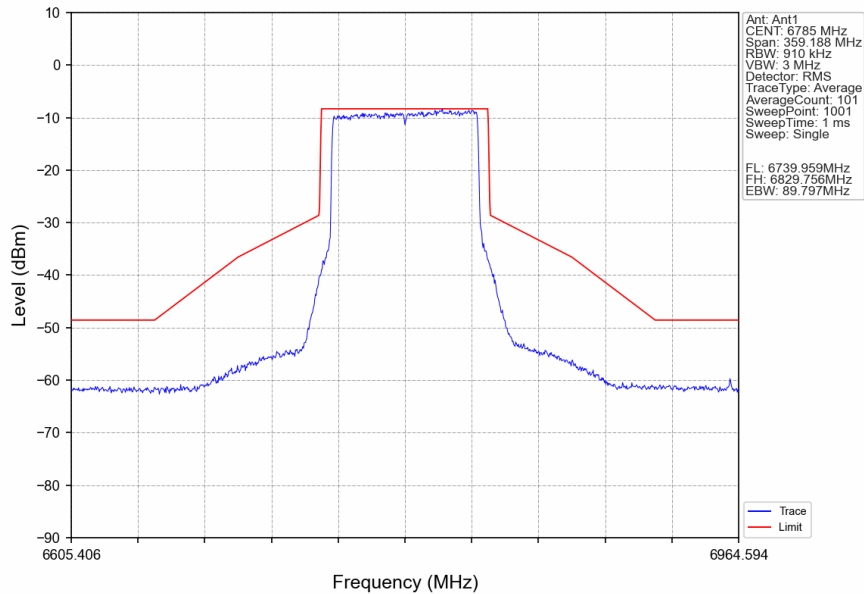
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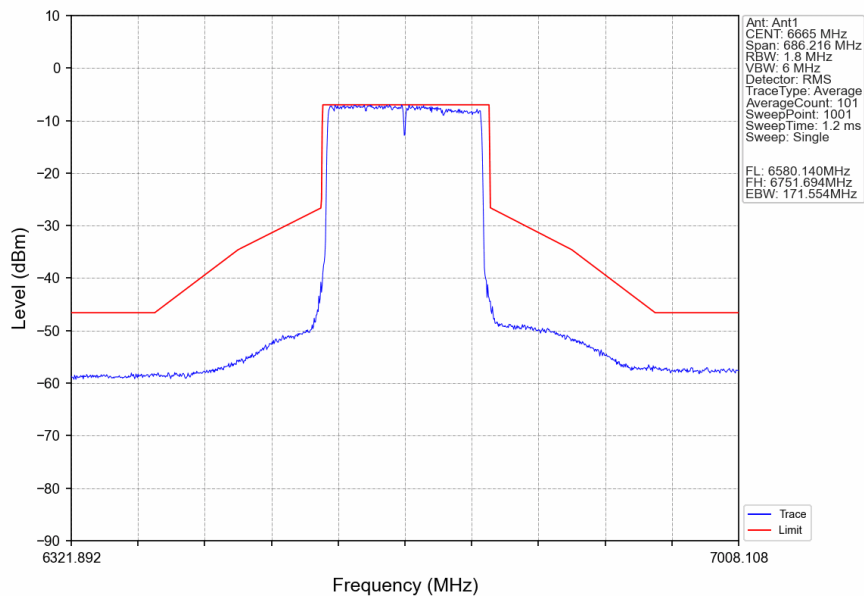
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802.11be(EHT80)_HCH_6785MHz_RU996_Left_Ant1_NTNV

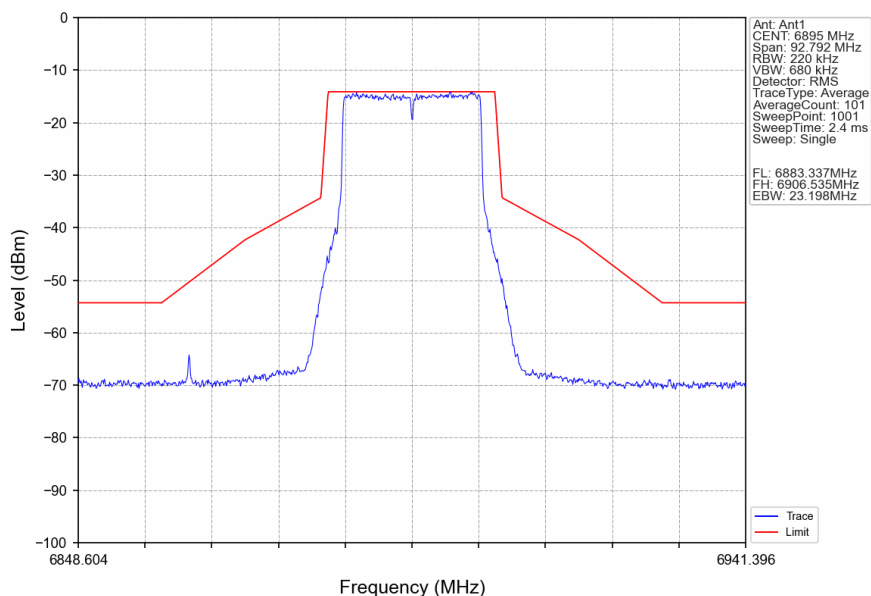


802.11be(EHT160)_MCH_6665MHz_2xRU996_Left_Ant1_NTNV

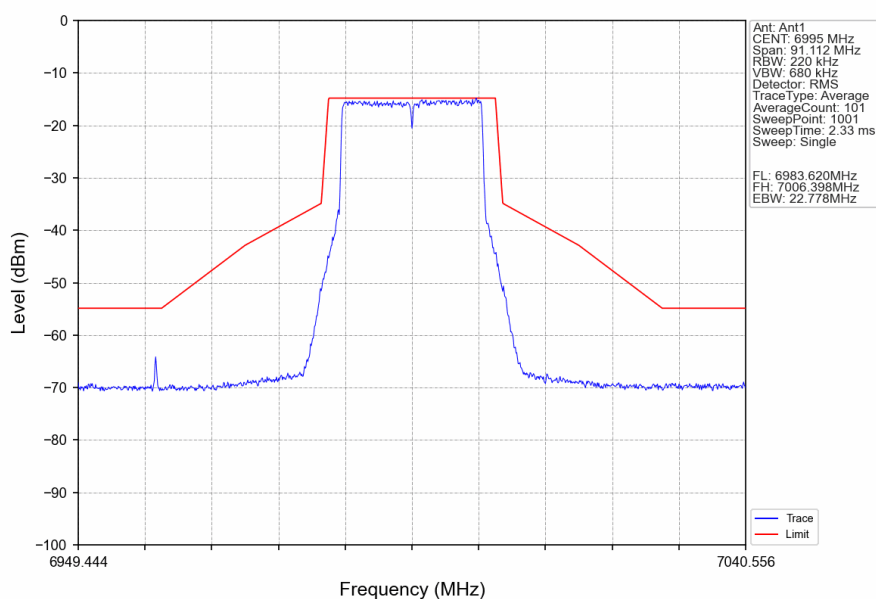


6.2.4 EMask

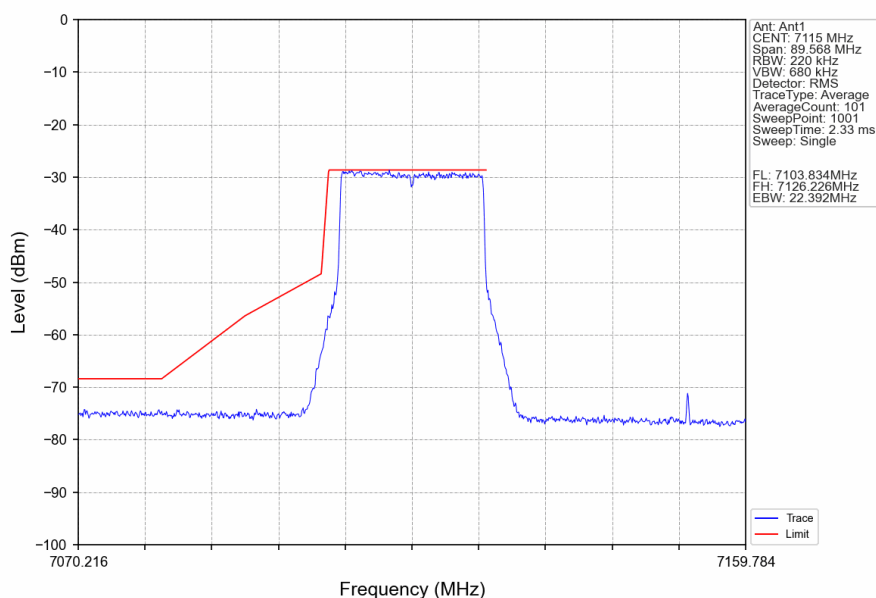
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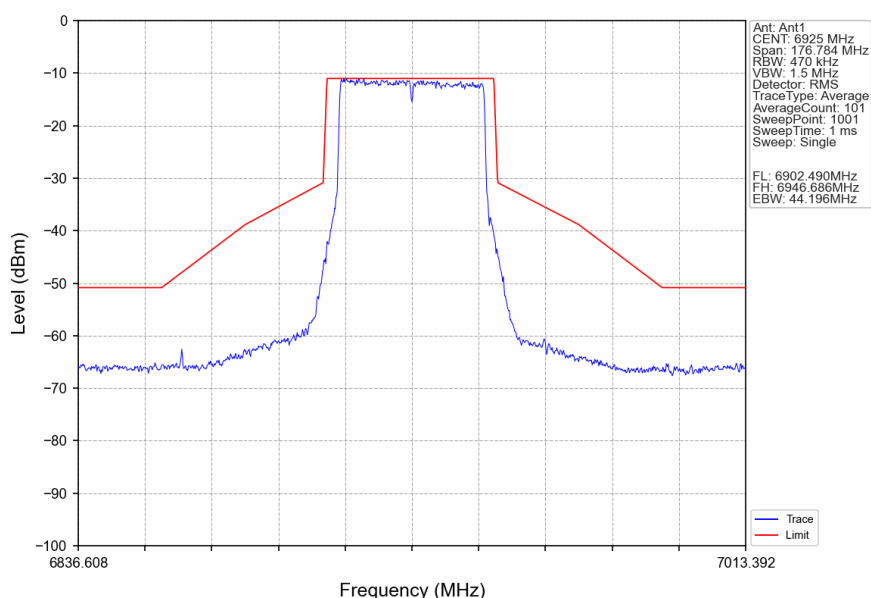
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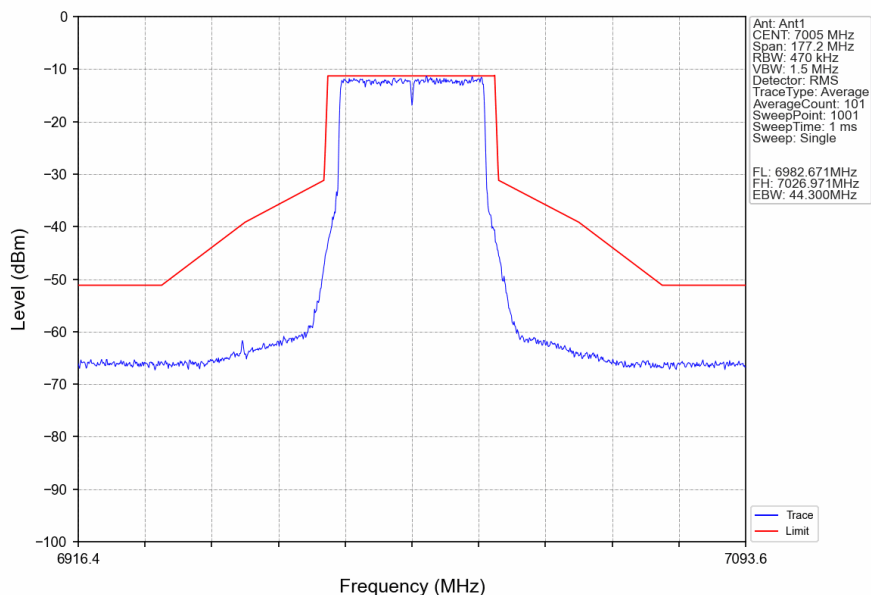
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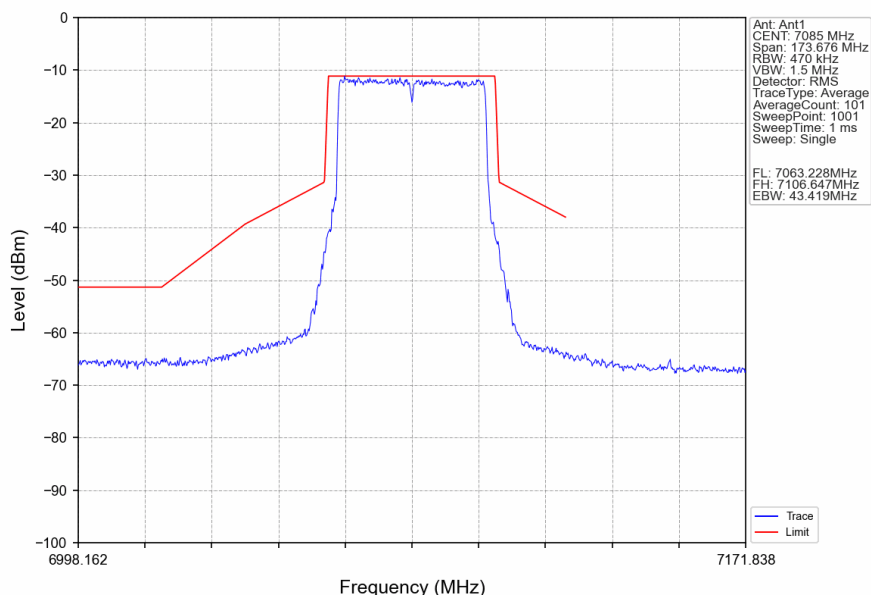
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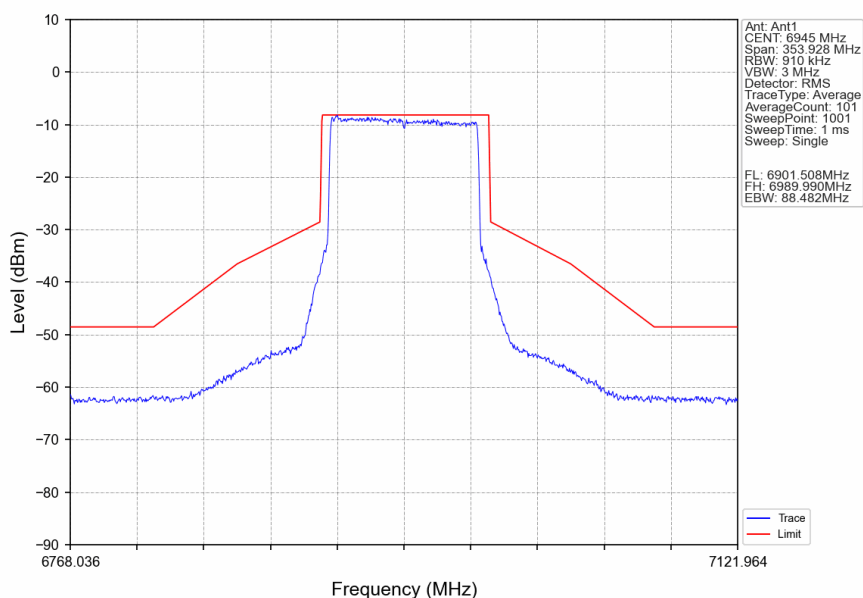
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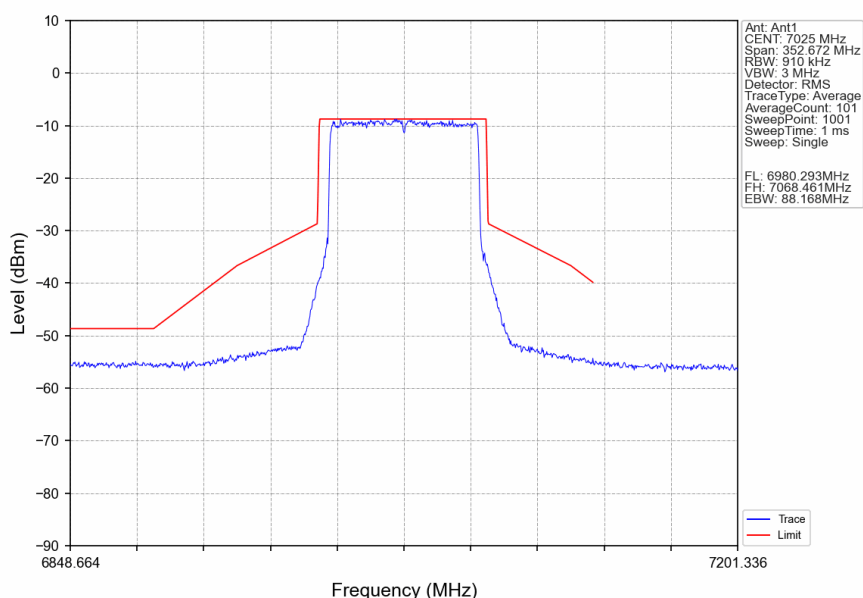
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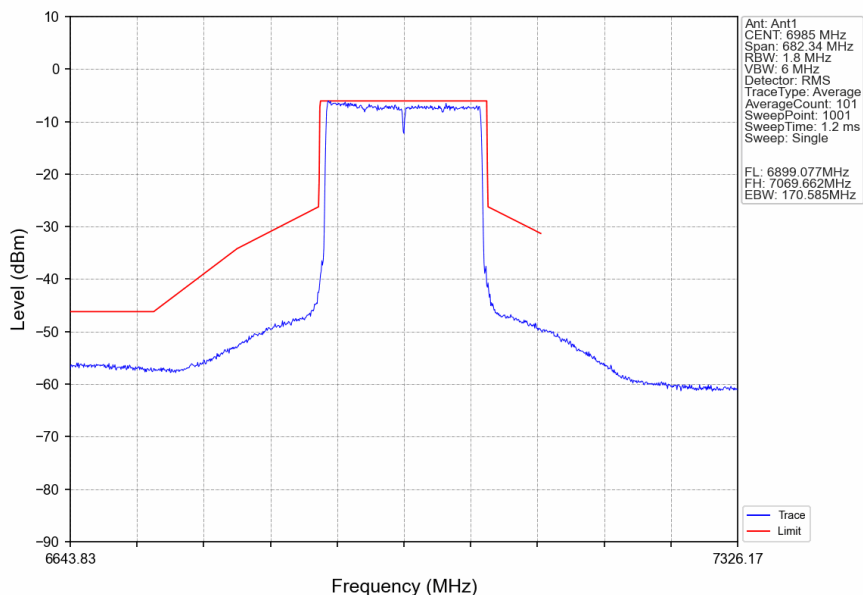
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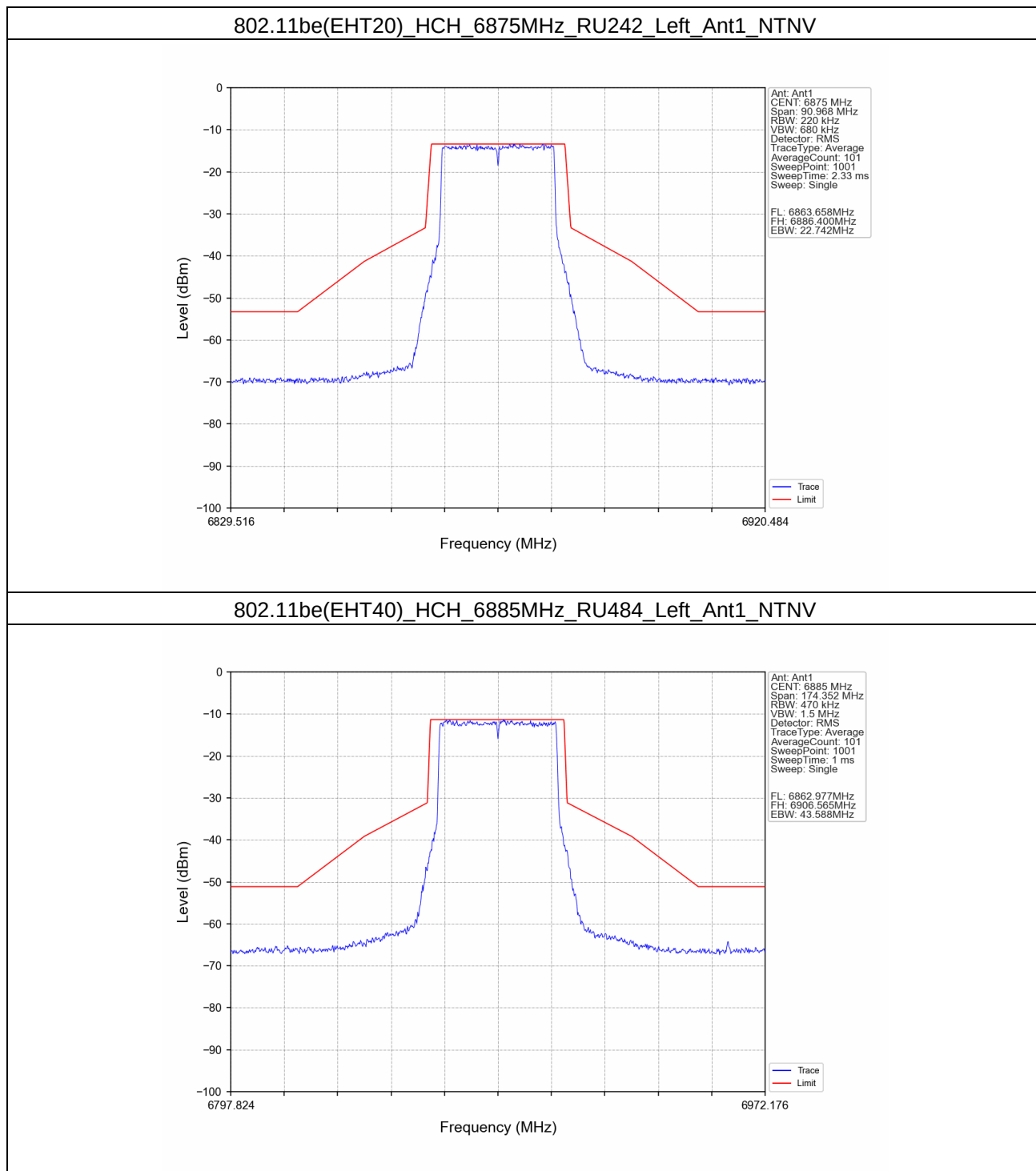
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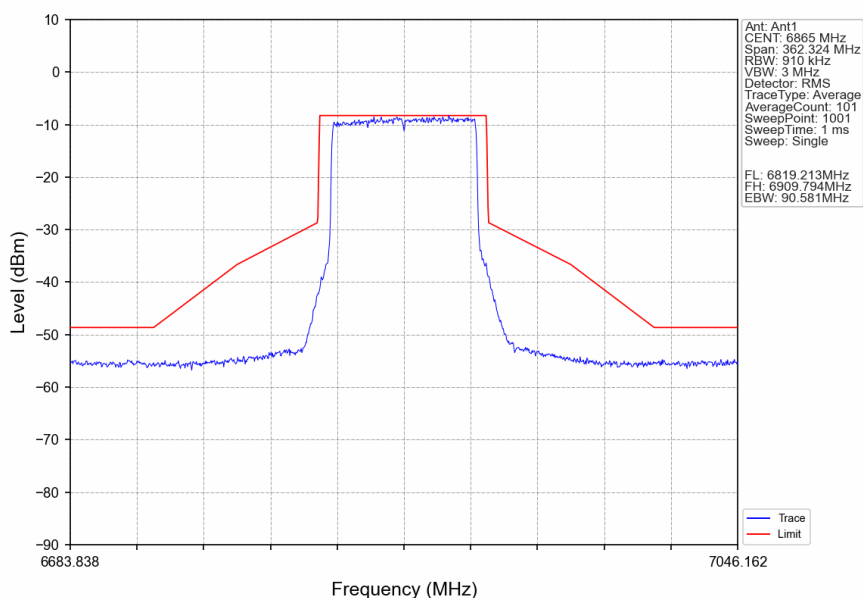
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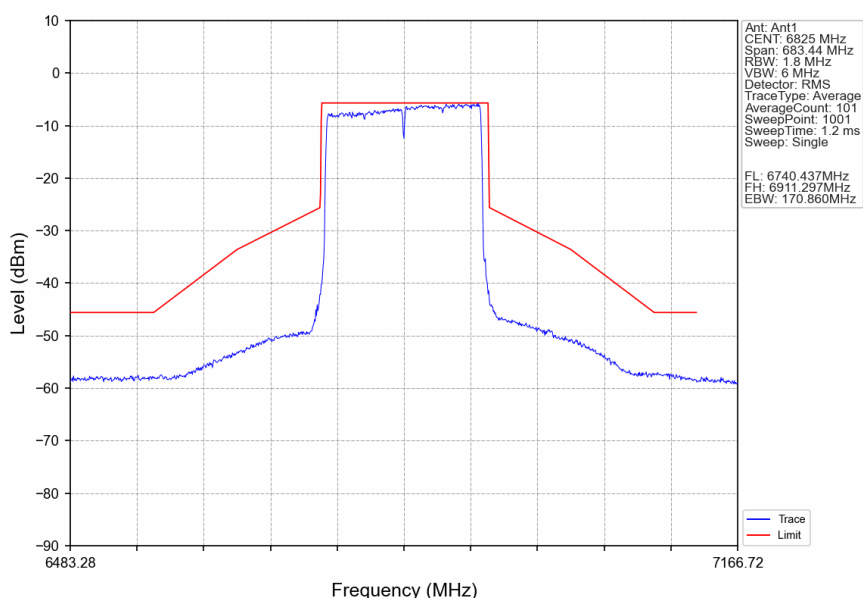
6.2.5 EMask



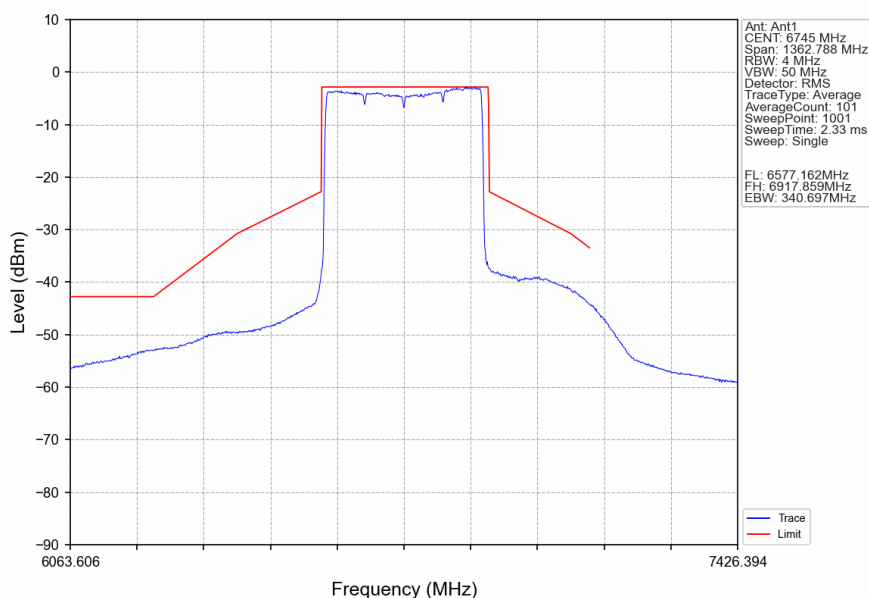
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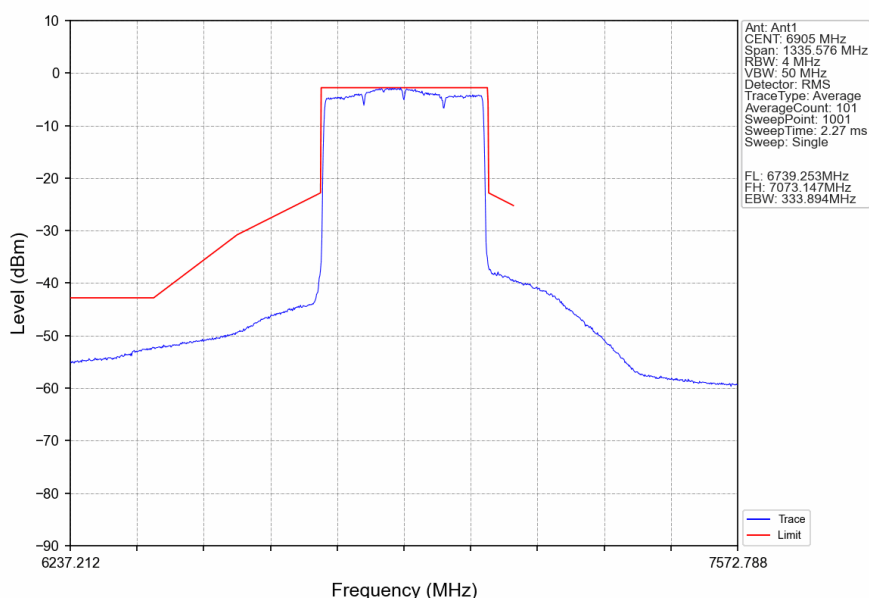
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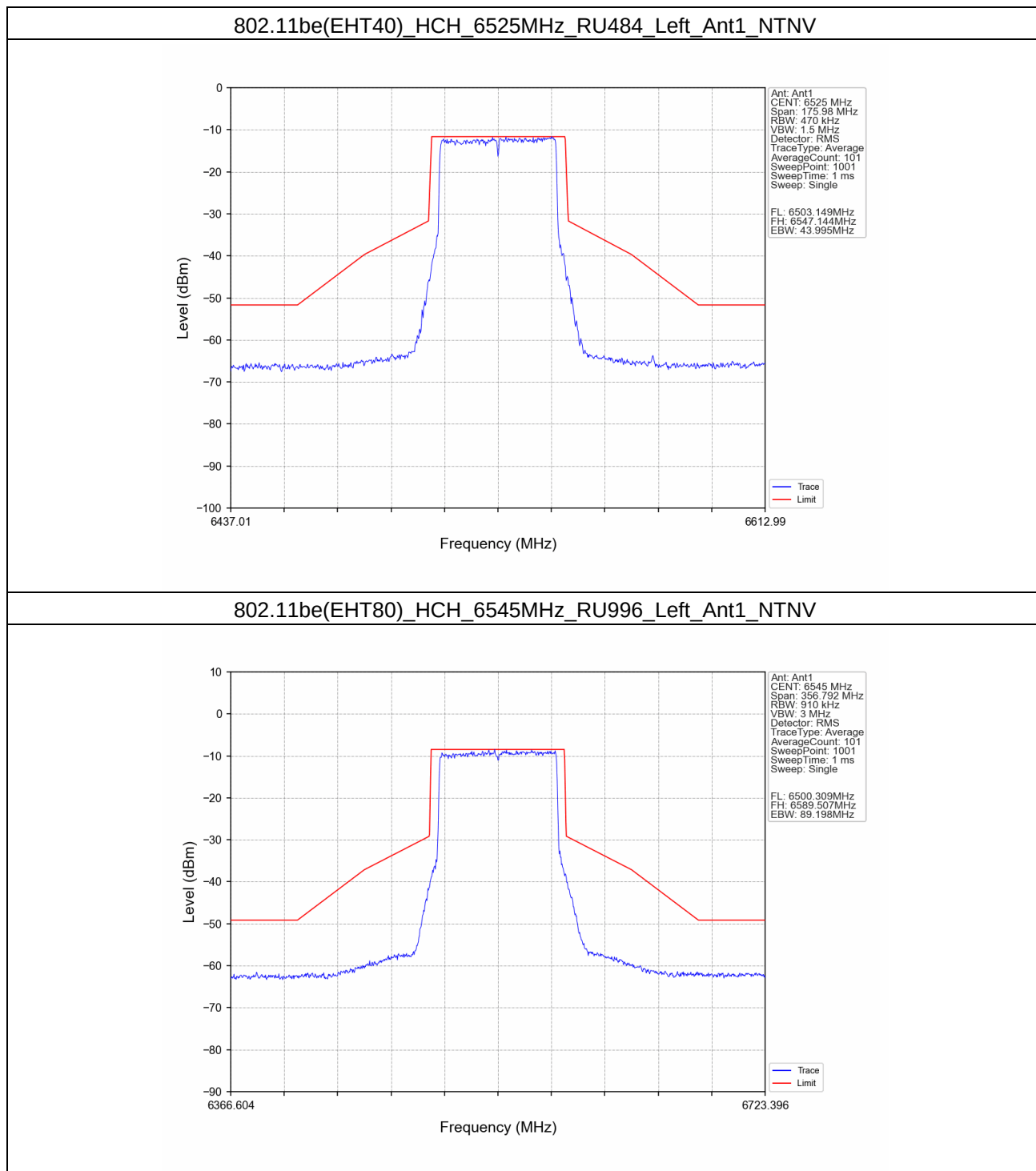
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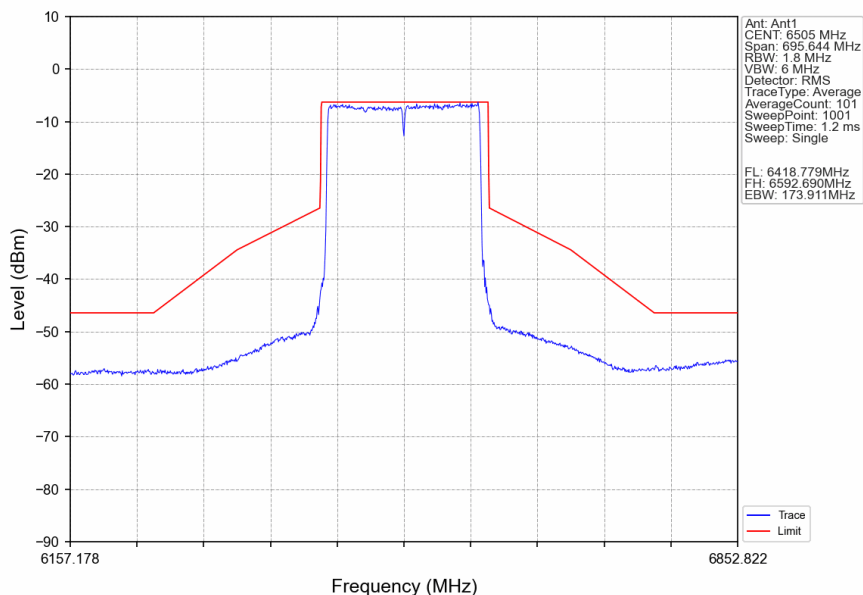
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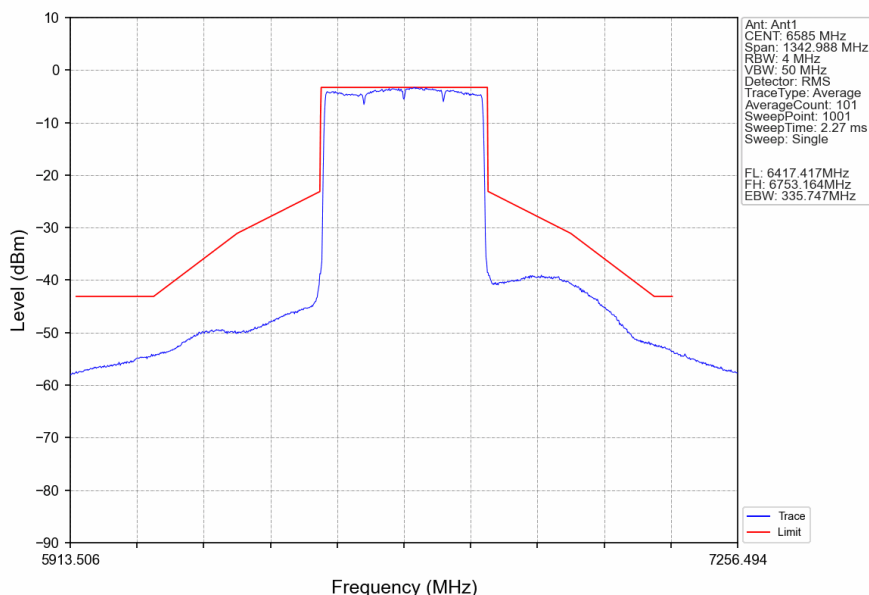
6.2.6 EMask



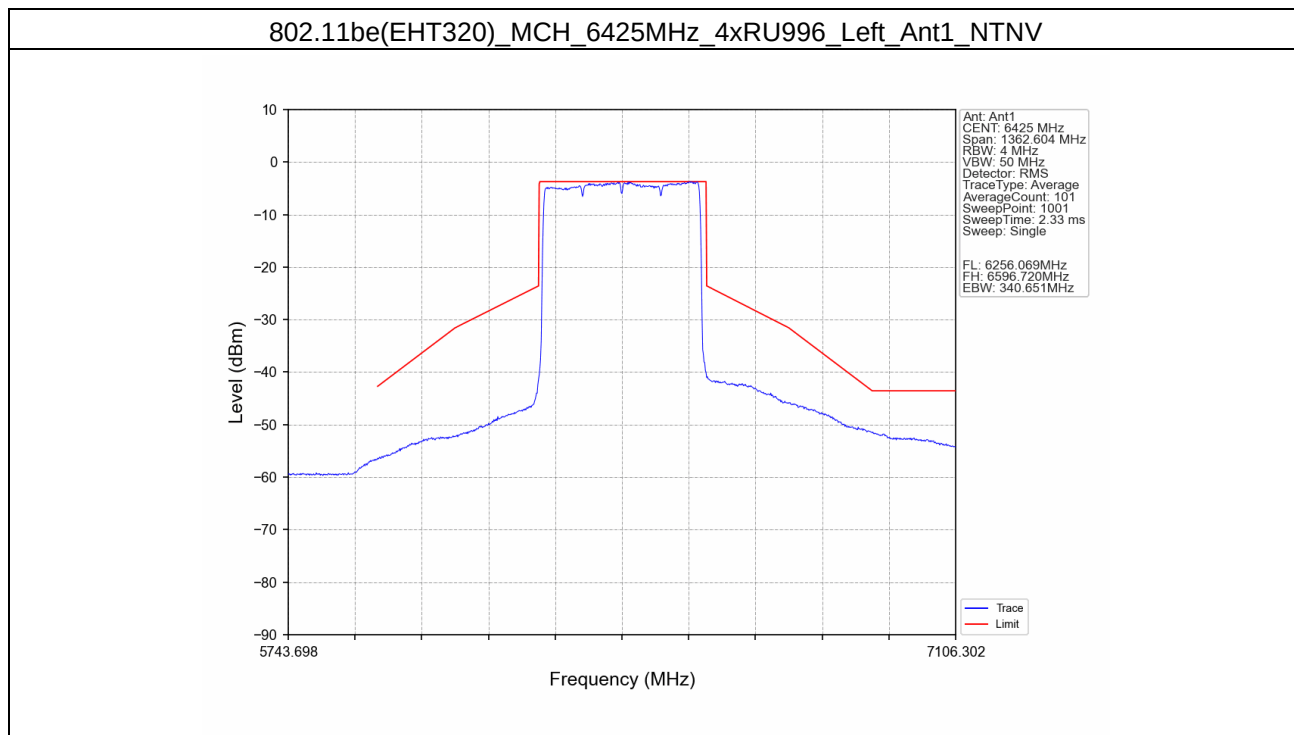
802.11be(EHT160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



802.11be(EHT320)_MCH_6585MHz_4xRU996_Left_Ant1_NTNV



6.2.7 EMask



WIFI 6E

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6895	/	/	1.977	1.993	99.20	0.04	0.03
			6995	/	/	1.977	1.993	99.20	0.04	0.03
			7115	/	/	1.977	1.993	99.20	0.04	0.03
	802.11ax (HEW20)	MIMO	6895	RU242	Left	5.444	5.626	96.77	0.14	1.89
			6995	RU242	Left	5.446	5.592	97.39	0.11	1.59
			7115	RU242	Left	5.444	5.636	96.59	0.15	1.43
	802.11ax (HEW40)	MIMO	6925	RU484	Left	5.443	5.635	96.59	0.15	2.06
			7005	RU484	Left	5.444	5.636	96.59	0.15	2.25
			7085	RU484	Left	5.446	5.636	96.63	0.15	2.35
	802.11ax (HEW80)	MIMO	6945	RU996	Left	5.444	5.636	96.59	0.15	2.39
			7025	RU996	Left	5.446	5.636	96.63	0.15	2.21
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	5.452	5.600	97.36	0.12	1.55

1.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6875	/	/	1.977	2.096	94.32	0.25	4.89
	802.11ax (HEW20)	MIMO	6875	RU242	Left	5.444	5.626	96.77	0.14	1.75
	802.11ax (HEW40)	MIMO	6885	RU484	Left	5.443	5.626	96.75	0.14	2.07
	802.11ax (HEW80)	MIMO	6865	RU996	Left	5.446	5.636	96.63	0.15	2.35
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	5.444	5.636	96.59	0.15	2.35

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1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	5955	/	/	1.976	1.992	99.20	0.04	0.03
			6175	/	/	1.978	1.993	99.25	0.03	0.00
			6415	/	/	1.977	1.993	99.20	0.04	0.00
	802.11ax (HEW20)	MIMO	5955	RU242	Left	5.446	5.638	96.59	0.15	2.21
			6175	RU242	Left	5.444	5.636	96.59	0.15	2.39
			6415	RU242	Left	5.446	5.636	96.63	0.15	2.21
	802.11ax (HEW40)	MIMO	5965	RU484	Left	5.444	5.636	96.59	0.15	1.89
			6165	RU484	Left	5.446	5.636	96.63	0.15	2.35
			6405	RU484	Left	5.444	5.636	96.59	0.15	1.89
	802.11ax (HEW80)	MIMO	5985	RU996	Left	5.444	5.636	96.59	0.15	2.07
			6145	RU996	Left	5.444	5.608	97.08	0.13	1.73
			6385	RU996	Left	5.446	5.636	96.63	0.15	2.21
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	5.444	5.636	96.59	0.15	2.39
			6185	2xRU996	Left	5.444	5.626	96.77	0.14	2.04
			6345	2xRU996	Left	5.444	5.628	96.73	0.14	2.07

1.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6435	/	/	1.977	1.993	99.20	0.04	0.00
			6475	/	/	1.977	1.993	99.20	0.04	0.00
			6515	/	/	1.977	1.993	99.20	0.04	0.03
	802.11ax (HEW20)	MIMO	6435	RU242	Left	5.446	5.636	96.63	0.15	1.85
			6475	RU242	Left	5.446	5.636	96.63	0.15	1.85
			6515	RU242	Left	5.446	5.618	96.94	0.14	1.90
	802.11ax (HEW40)	MIMO	6445	RU484	Left	5.446	5.628	96.77	0.14	2.22
			6485	RU484	Left	5.444	5.636	96.59	0.15	2.07
	802.11ax (HEW80)	MIMO	6465	RU996	Left	5.446	5.628	96.77	0.14	2.07

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1.1.5 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11a	SISO	6535	/	/	1.977	1.993	99.20	0.04	0.00
			6695	/	/	1.976	1.992	99.20	0.04	0.03
			6855	/	/	1.976	1.992	99.20	0.04	0.03
	802.11ax (HEW20)	MIMO	6535	RU242	Left	5.446	5.636	96.63	0.15	2.21
			6695	RU242	Left	5.444	5.636	96.59	0.15	2.39
			6855	RU242	Left	5.445	5.628	96.75	0.14	1.43
	802.11ax (HEW40)	MIMO	6565	RU484	Left	5.444	5.636	96.59	0.15	2.21
			6685	RU484	Left	5.444	5.636	96.59	0.15	1.89
			6845	RU484	Left	5.458	5.636	96.84	0.14	2.25
	802.11ax (HEW80)	MIMO	6625	RU996	Left	5.444	5.636	96.59	0.15	2.25
			6705	RU996	Left	5.446	5.618	96.94	0.14	1.72
			6785	RU996	Left	5.446	5.600	97.25	0.12	1.55
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	5.444	5.618	96.90	0.14	1.44

1.1.6 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	5.446	5.636	96.63	0.15	1.85
	802.11ax (HEW80)	MIMO	6545	RU996	Left	5.444	5.636	96.59	0.15	2.25
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	5.444	5.618	96.90	0.14	1.94



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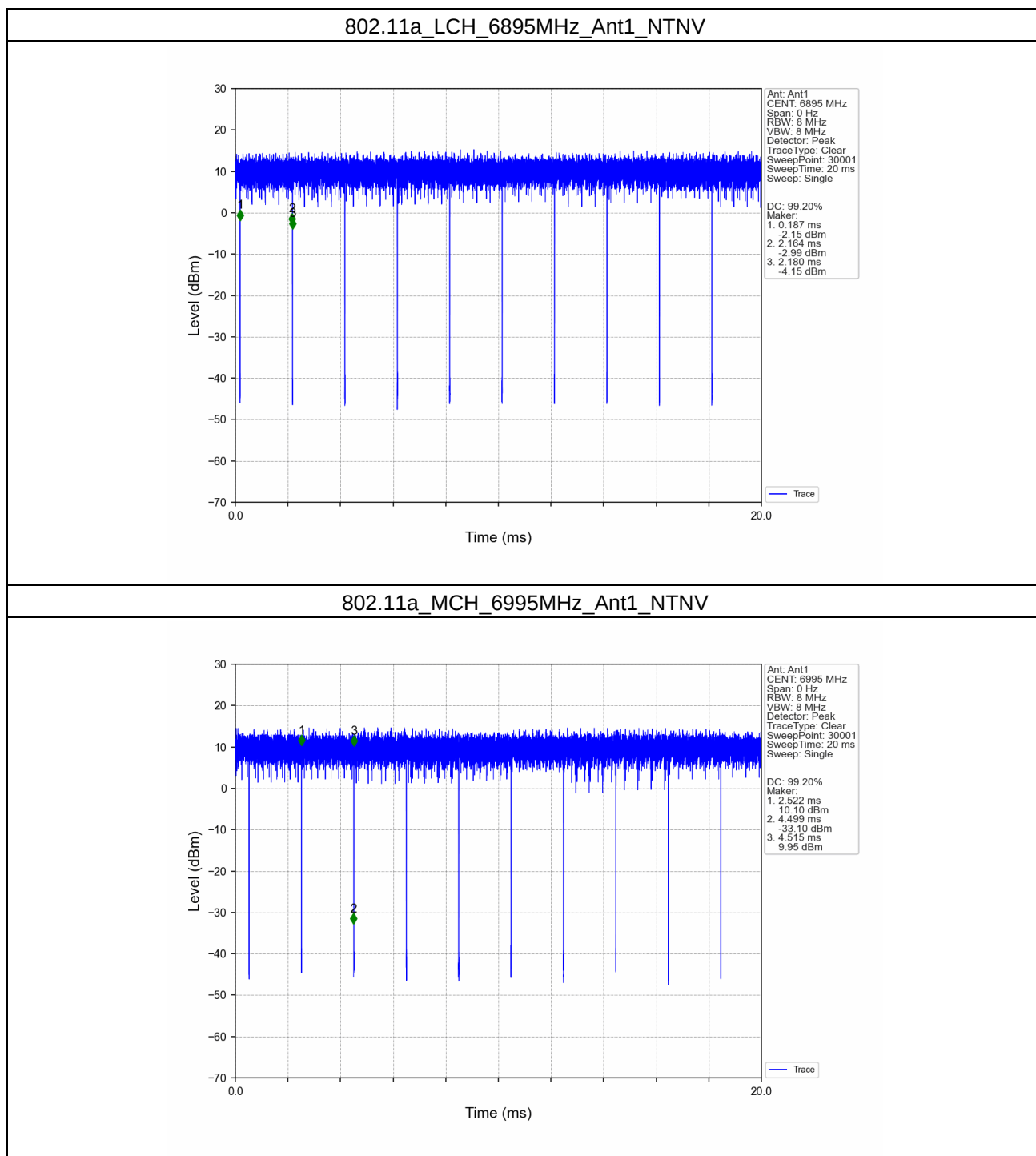
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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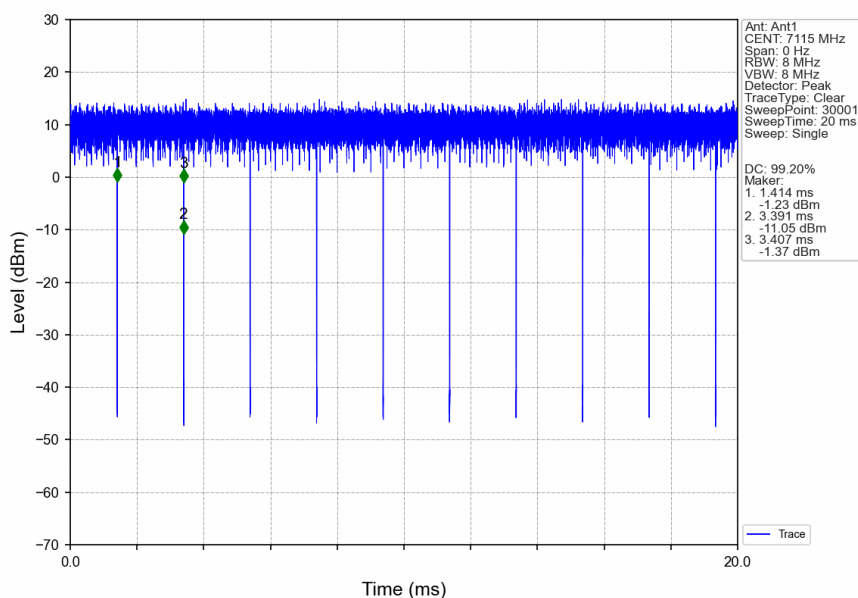
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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

1.2 Test Graph

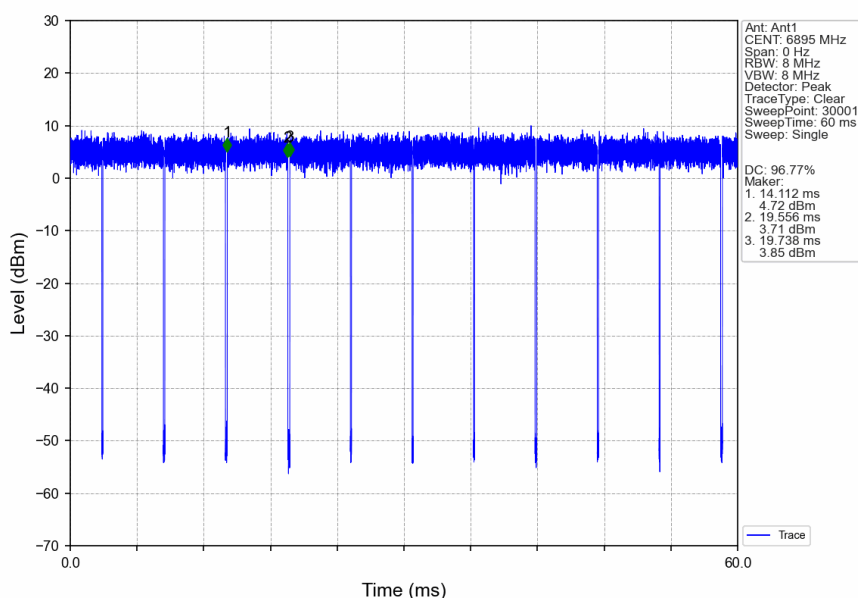
1.2.1 Ant1



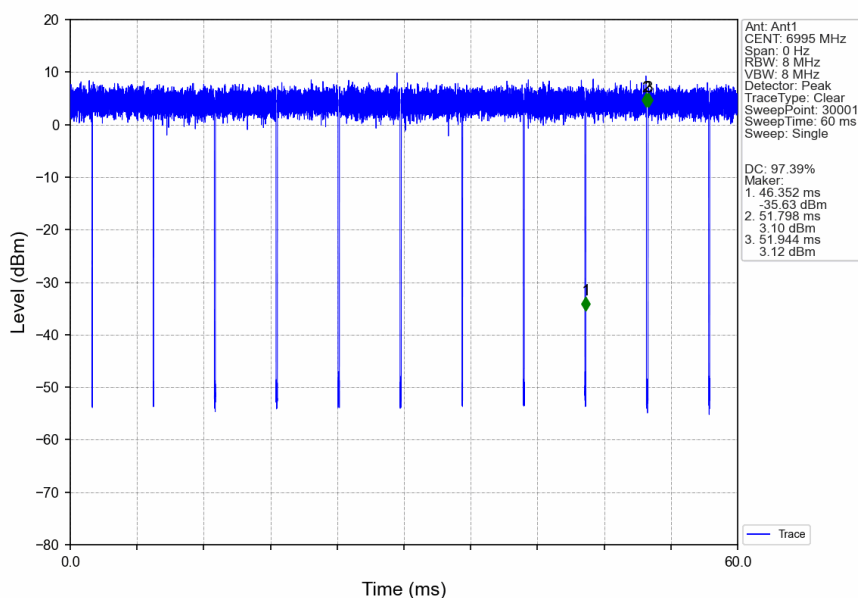
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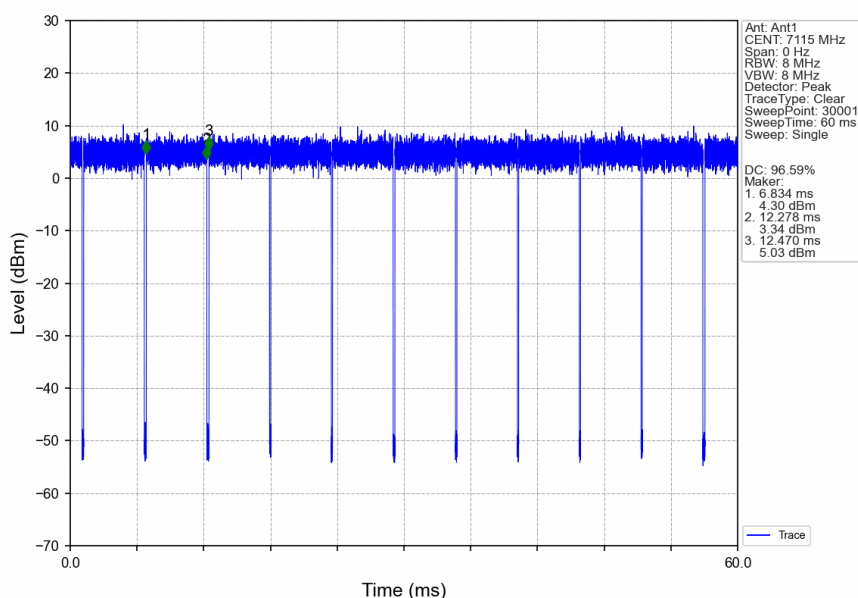
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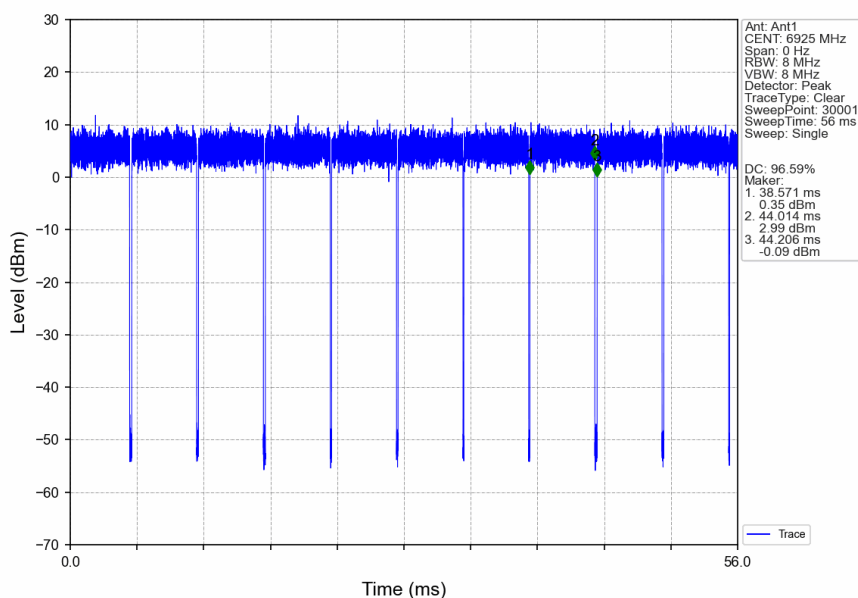
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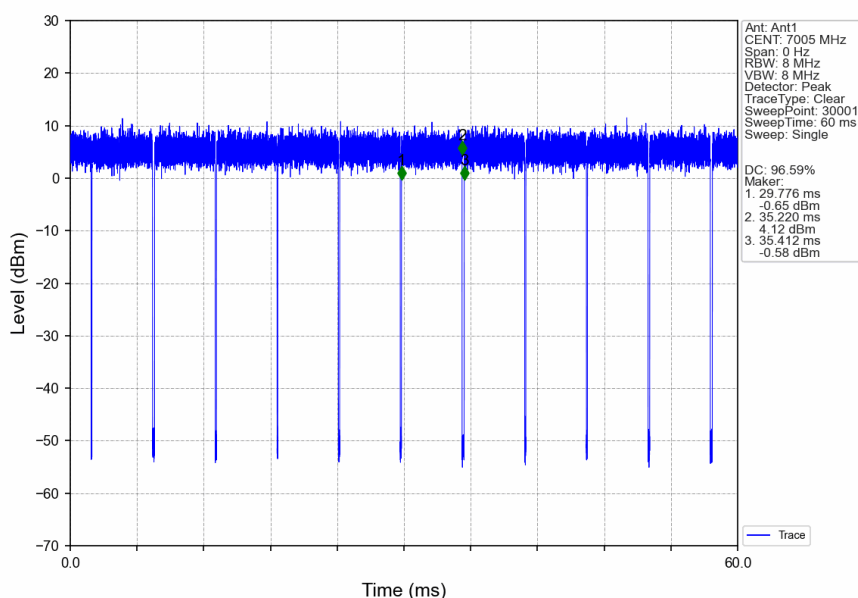
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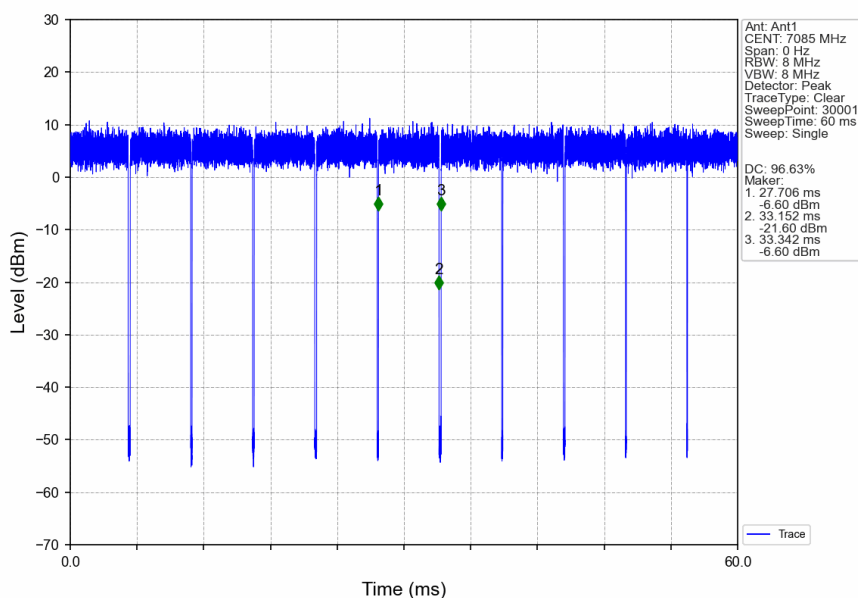
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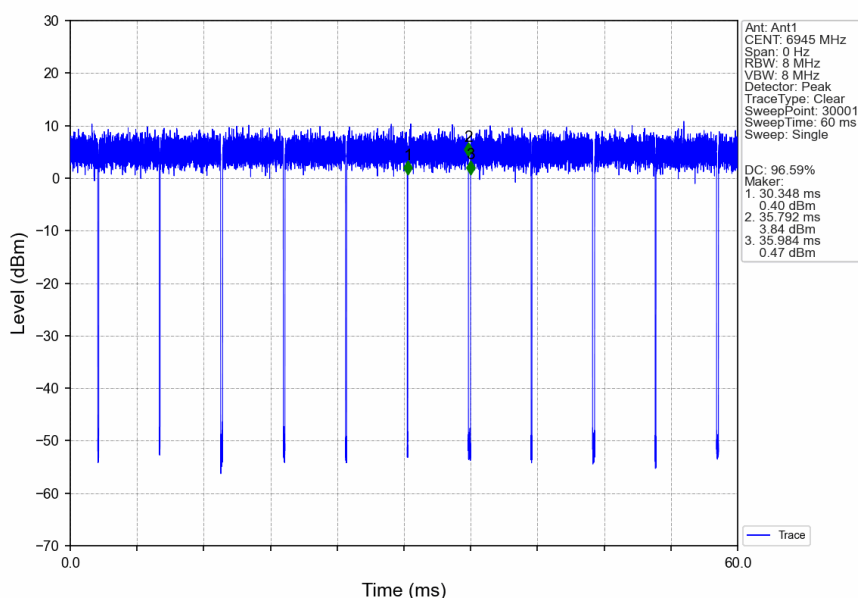
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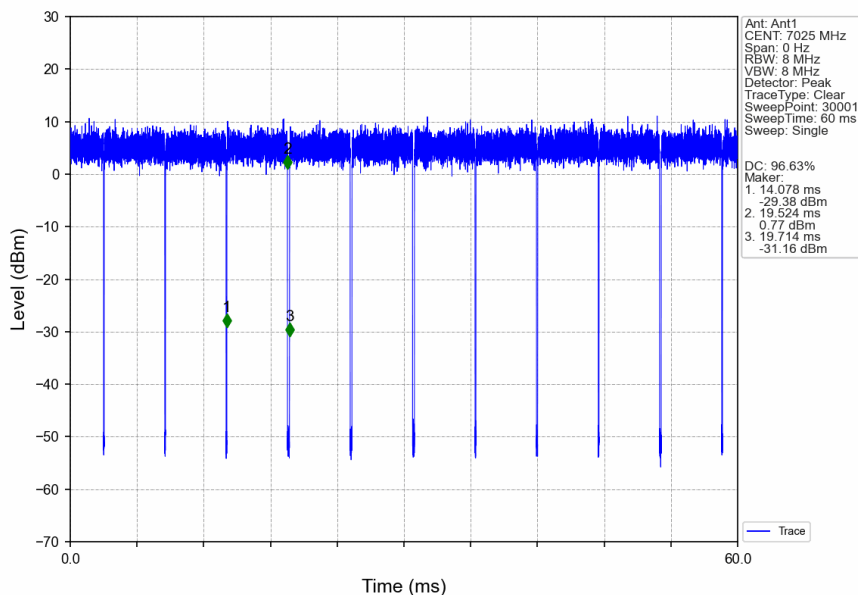
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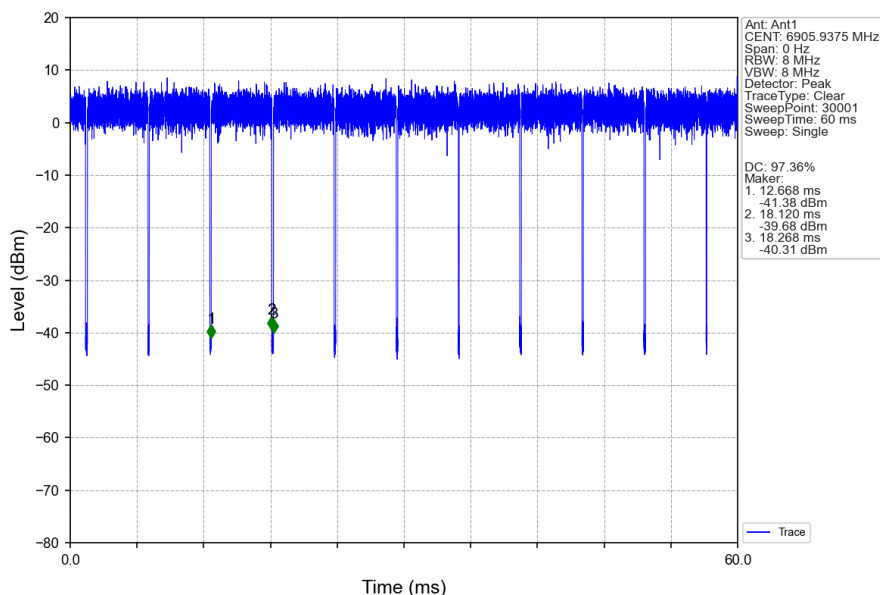
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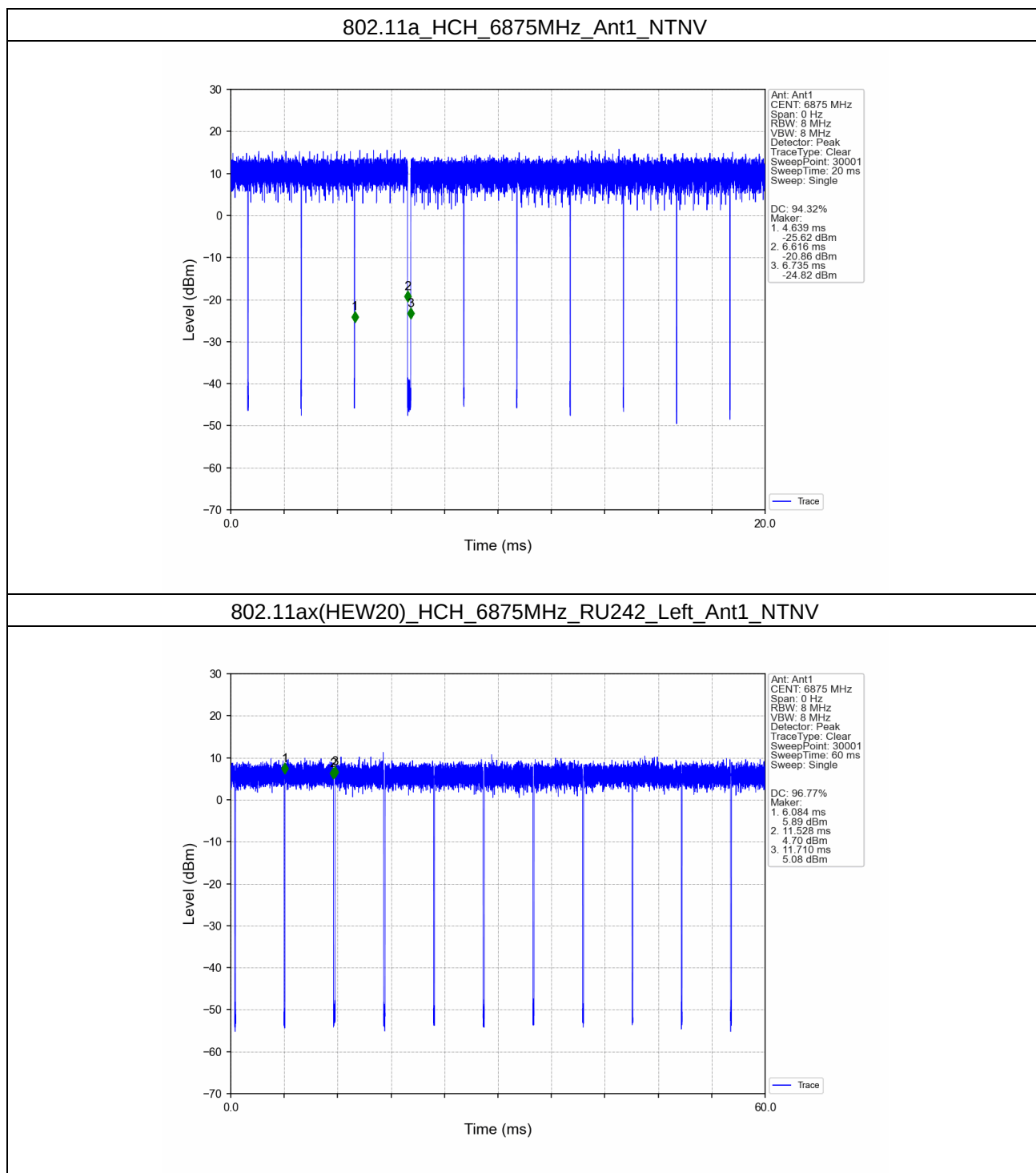
802.11ax(HEW80)_HCH_7025MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_6985MHz_2xRU996_Left_Ant1_NTNV



1.2.2 Ant1



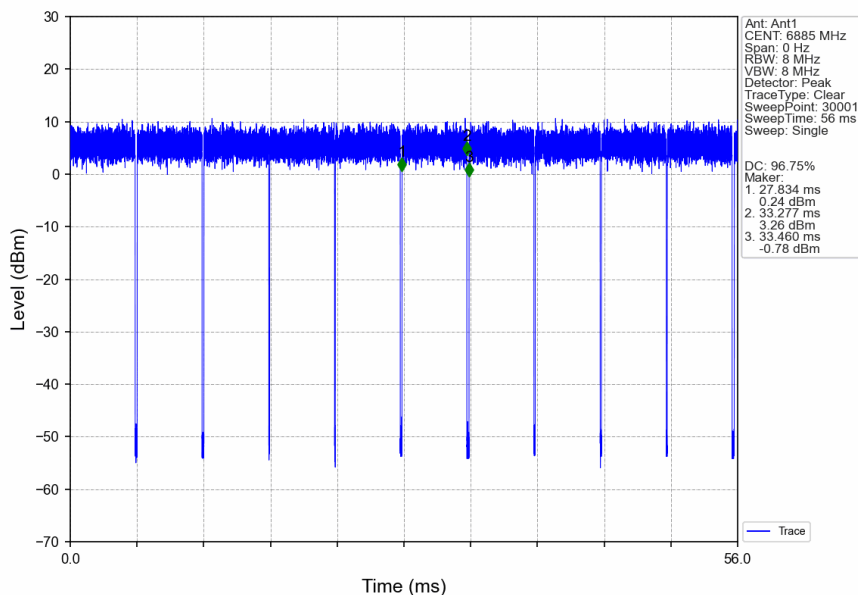
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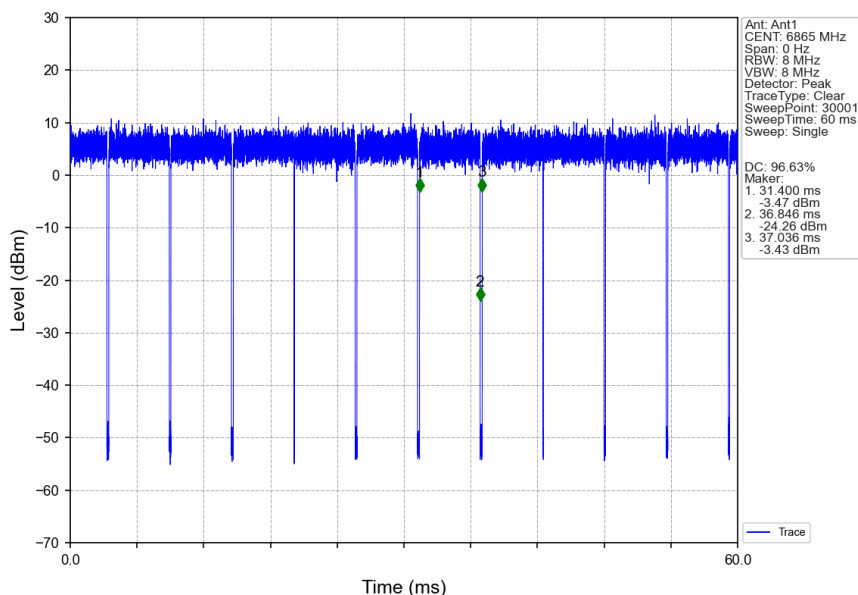
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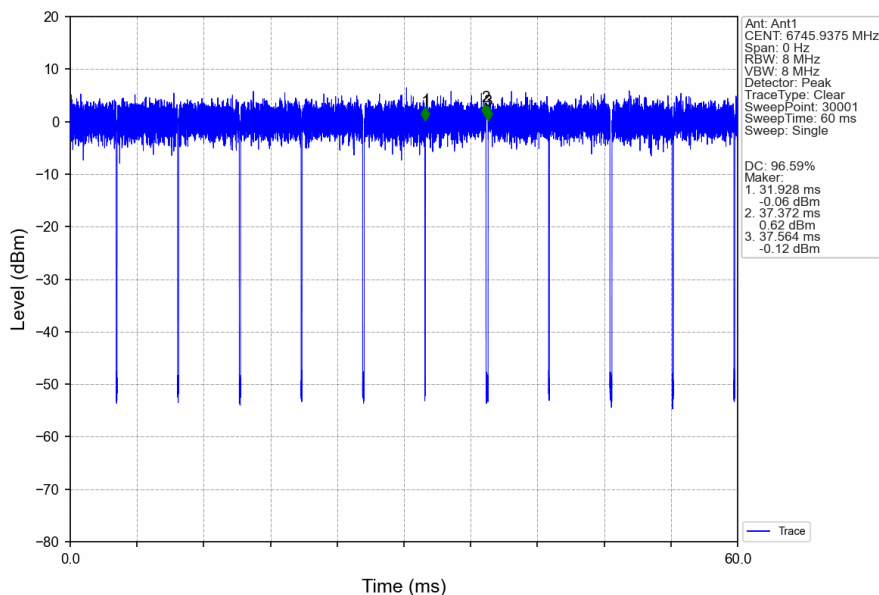
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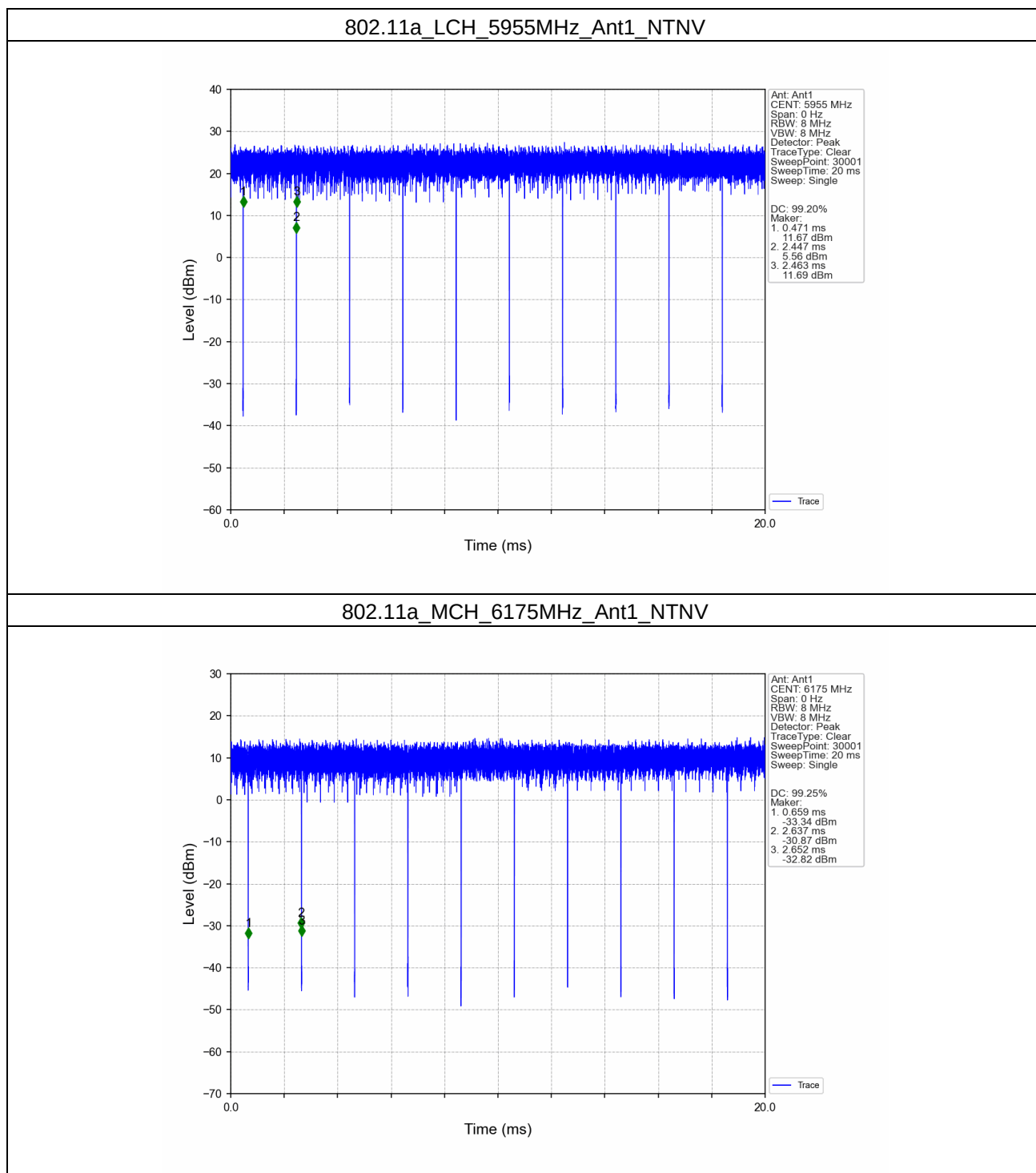
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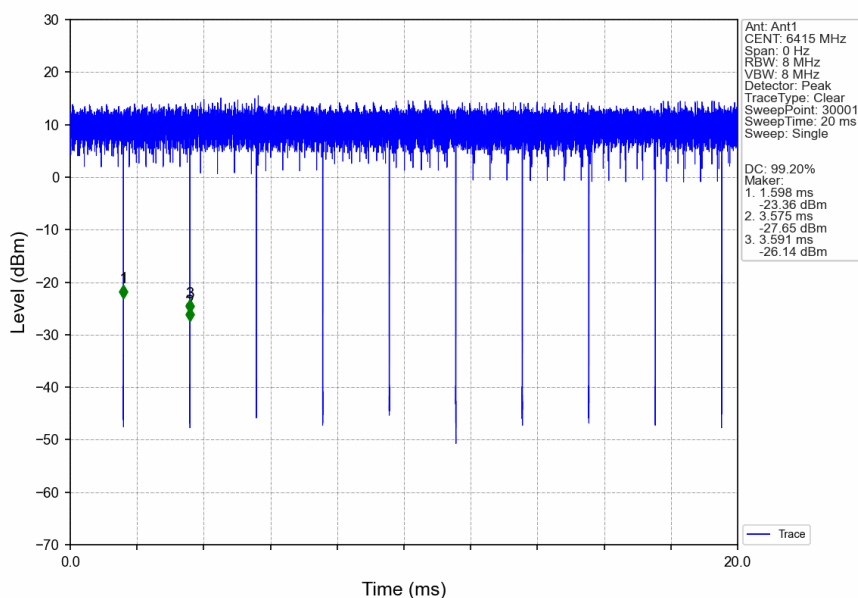
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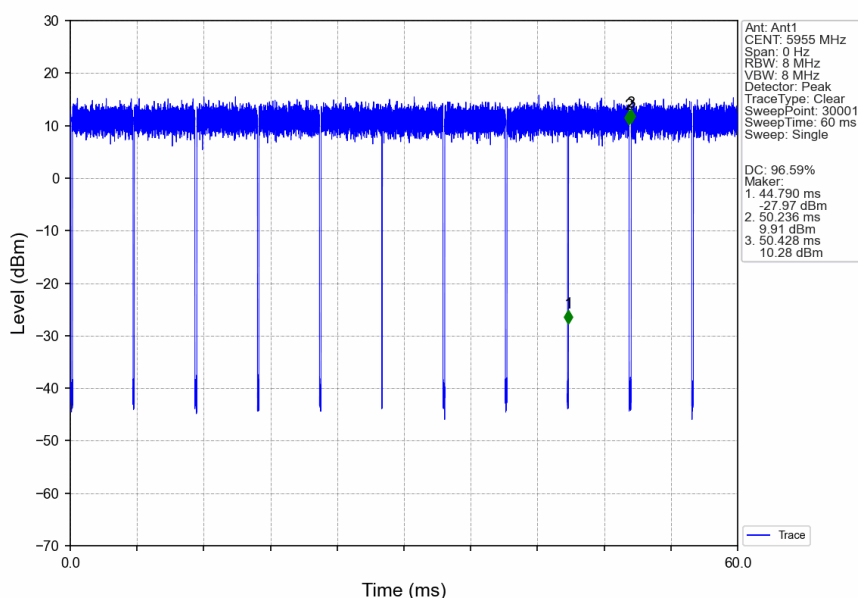
1.2.3 Ant1



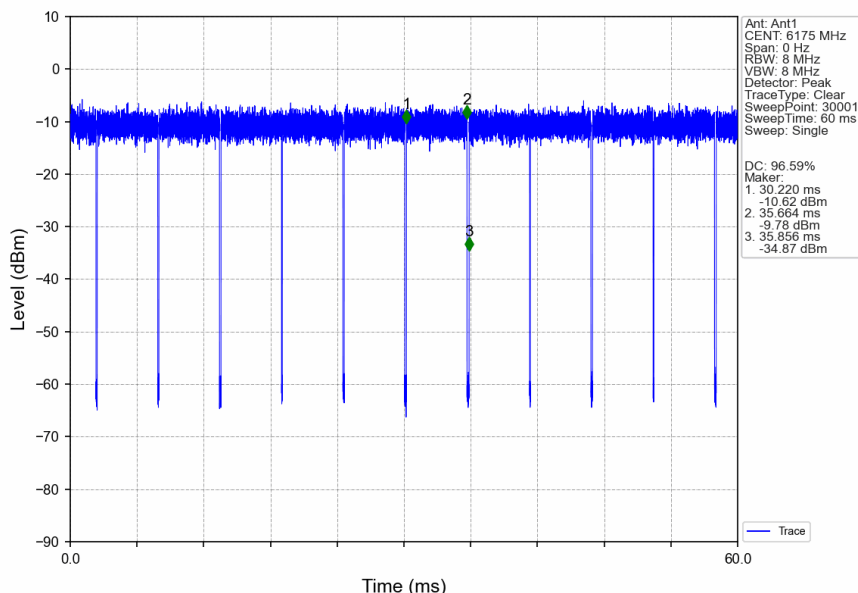
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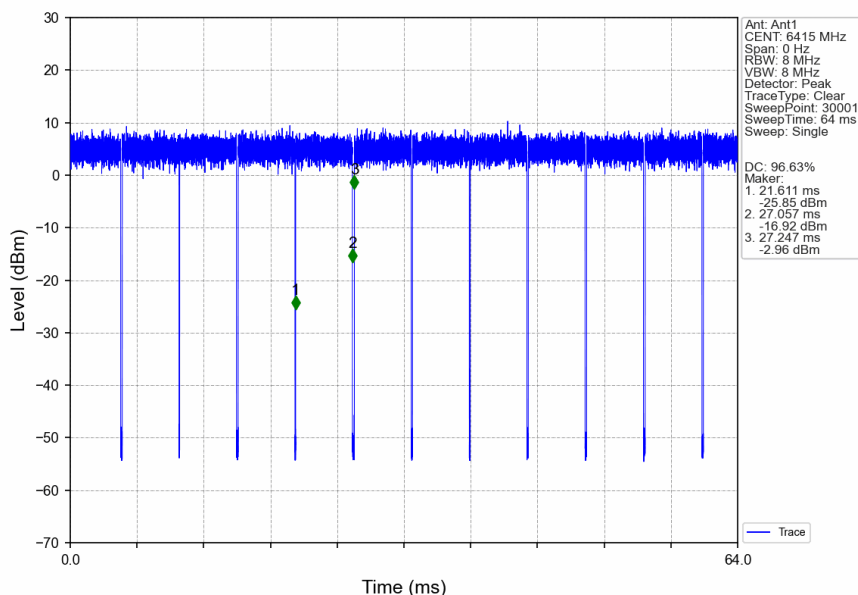
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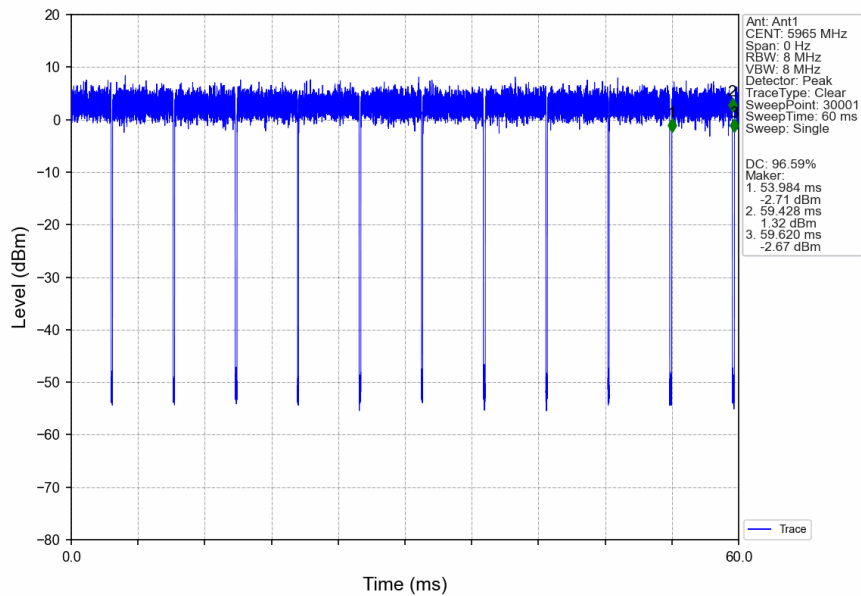
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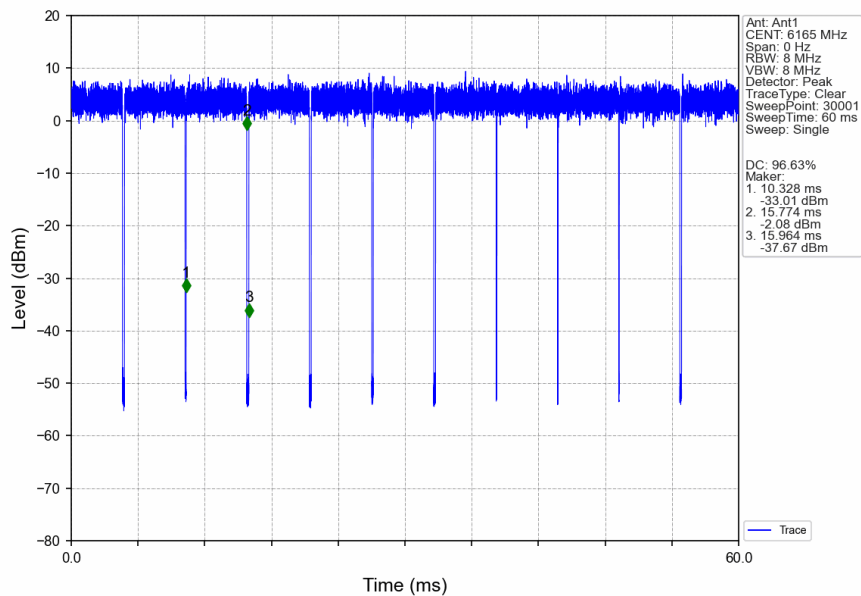
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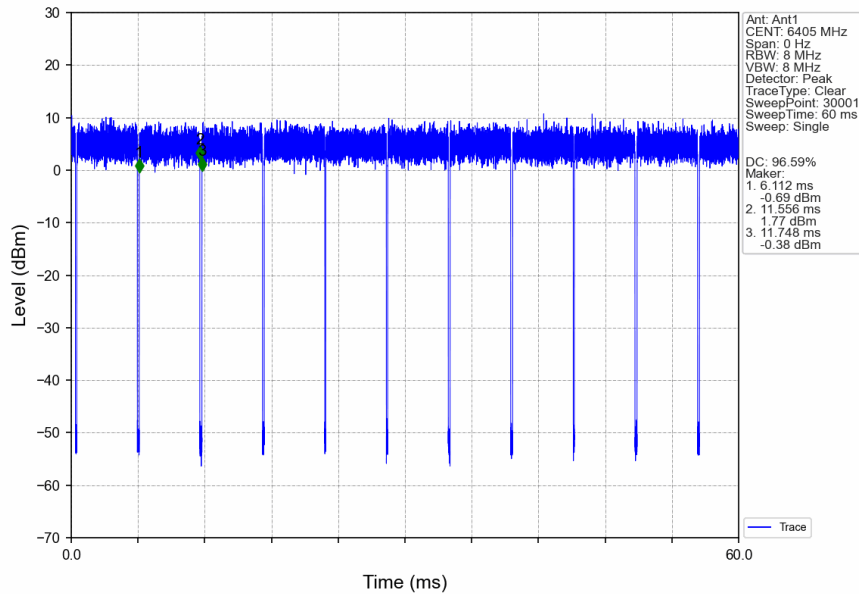
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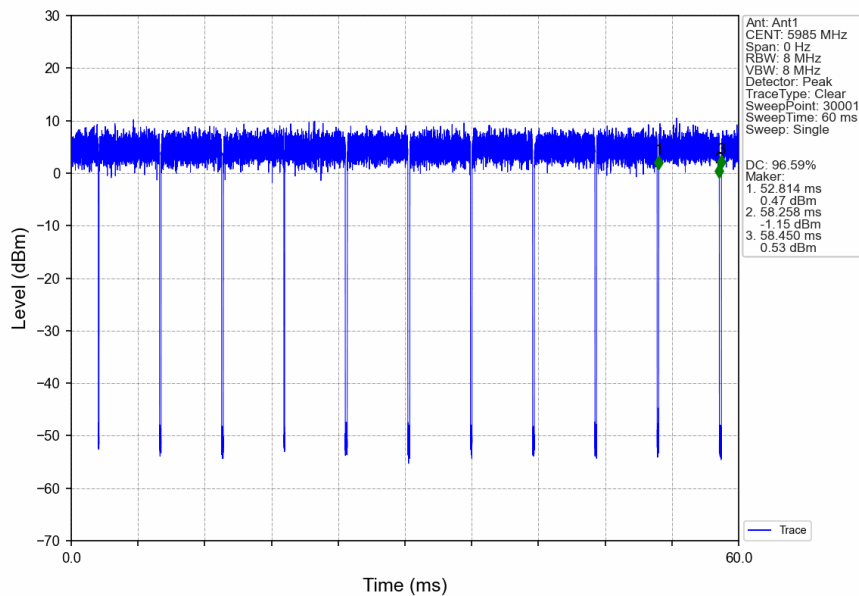
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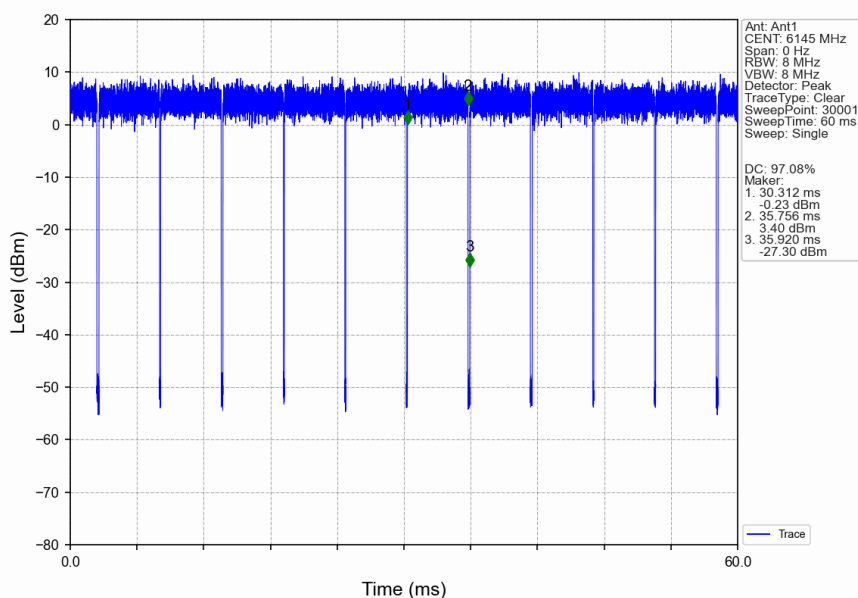
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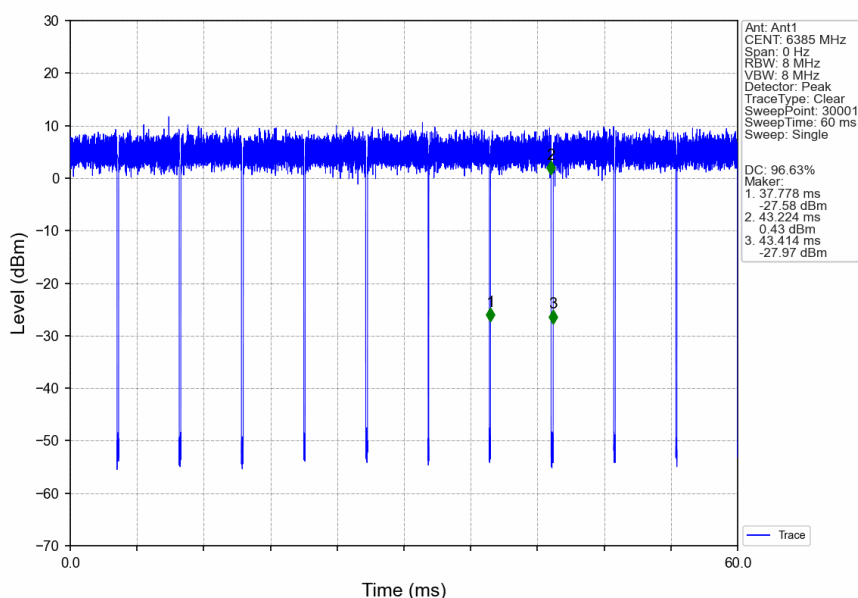
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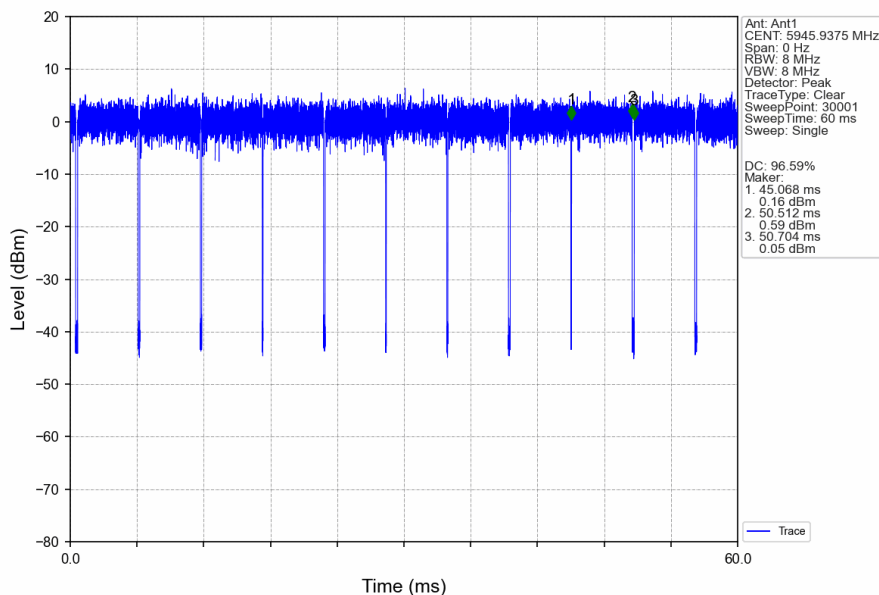
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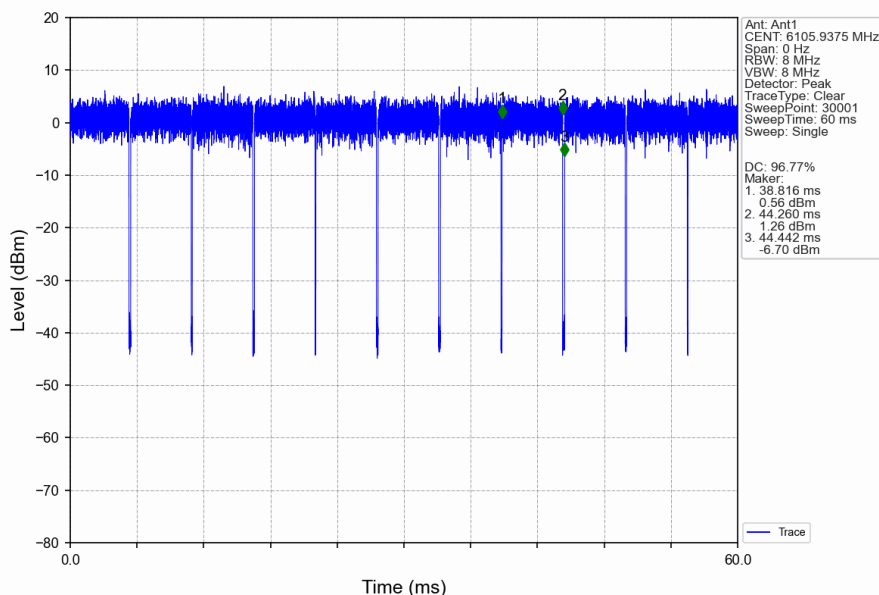
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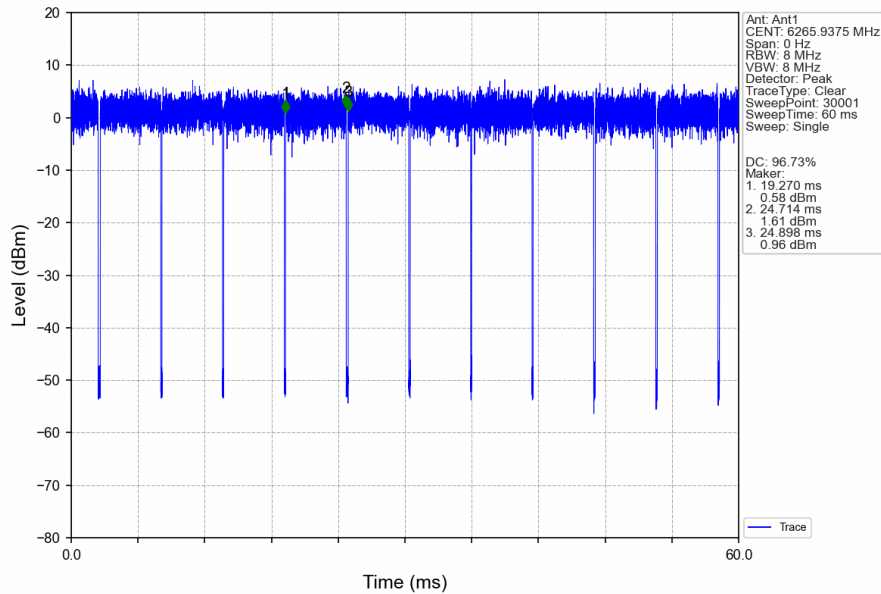
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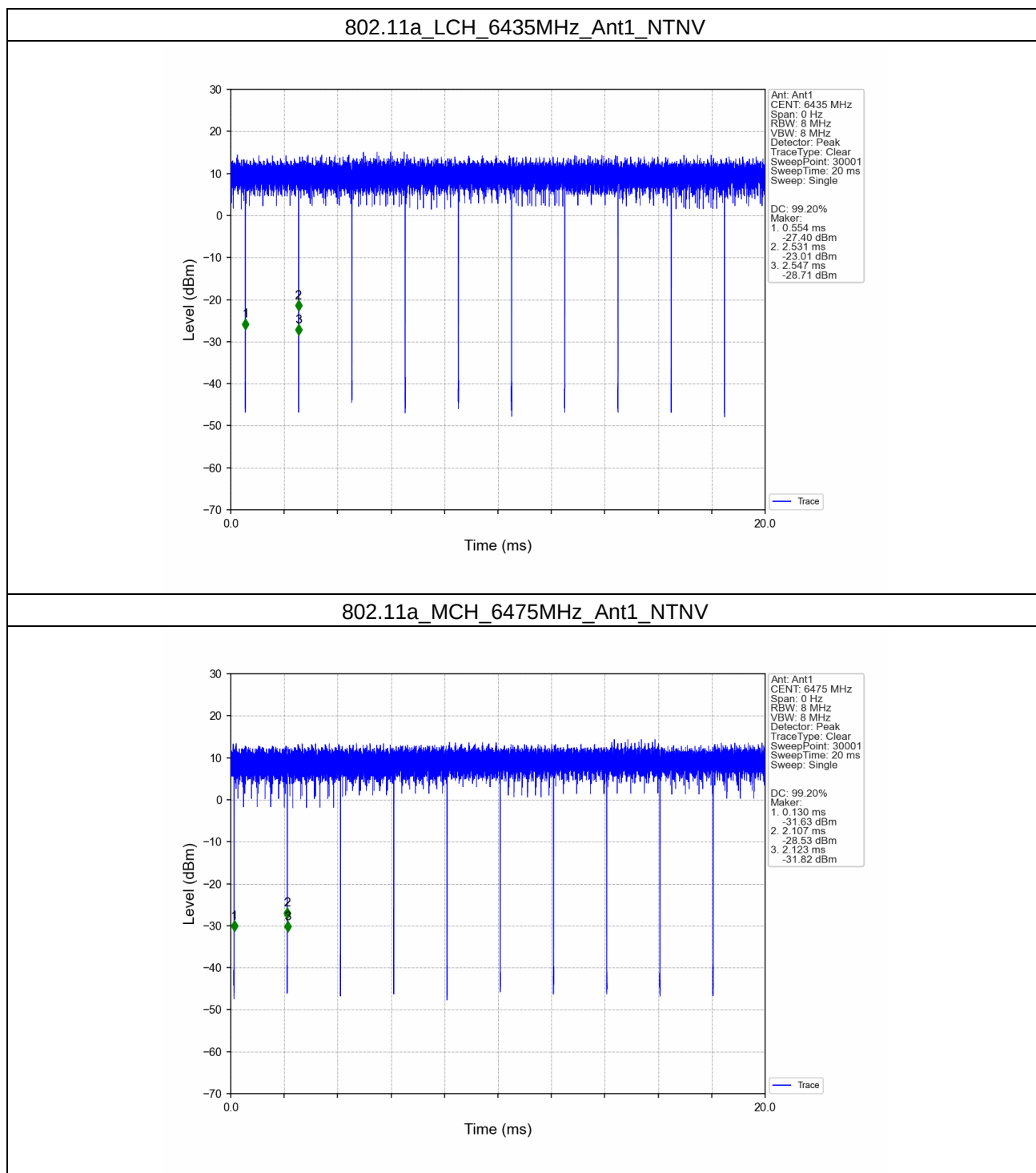
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802.11ax(HEW160)_HCH_6345MHz_2xRU996_Left_Ant1_NTNV



1.2.4 Ant1



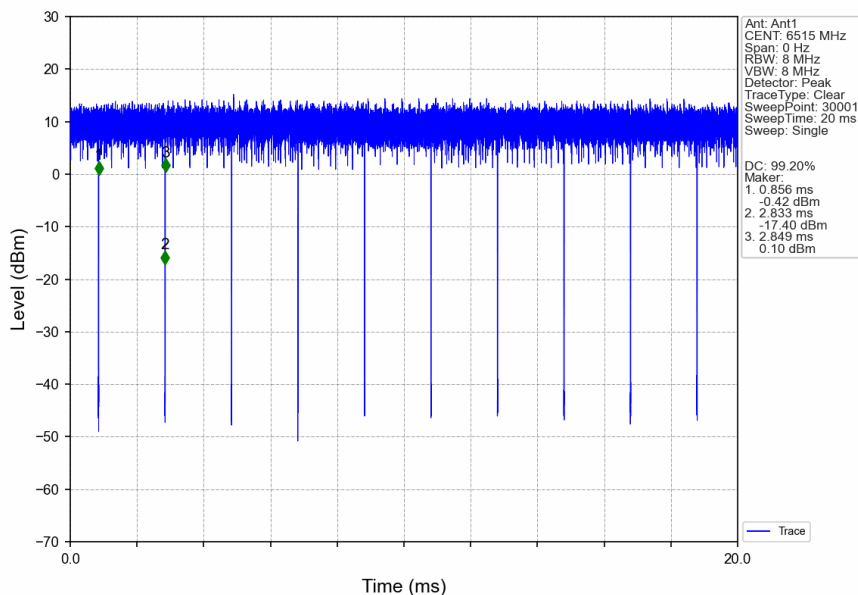
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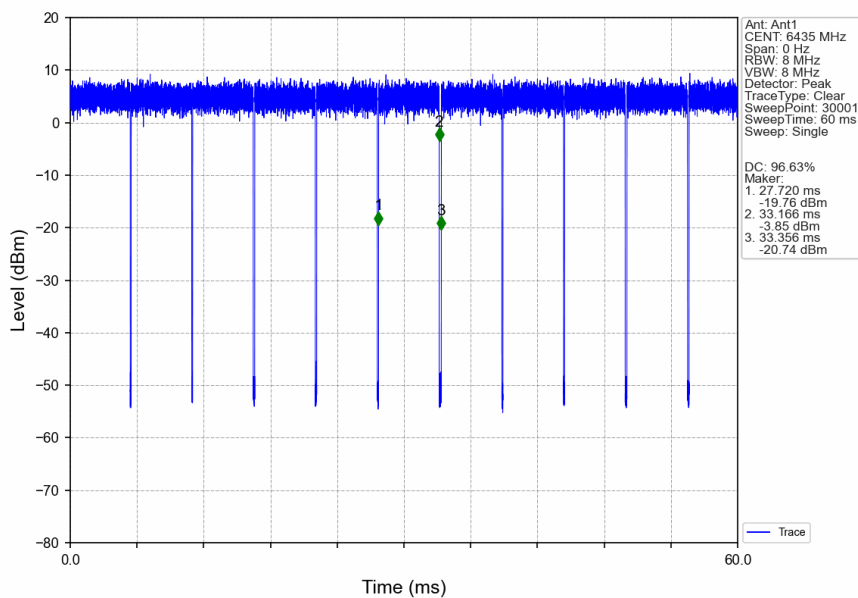
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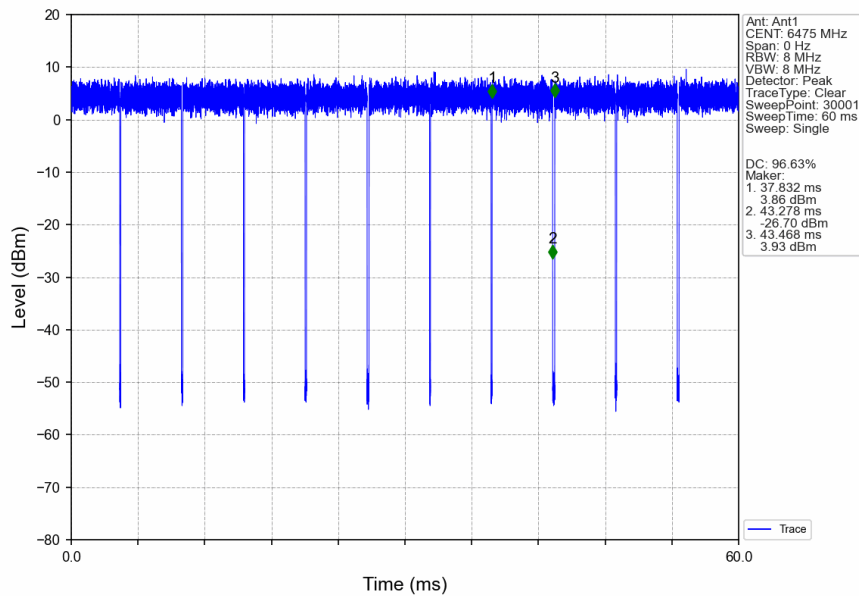
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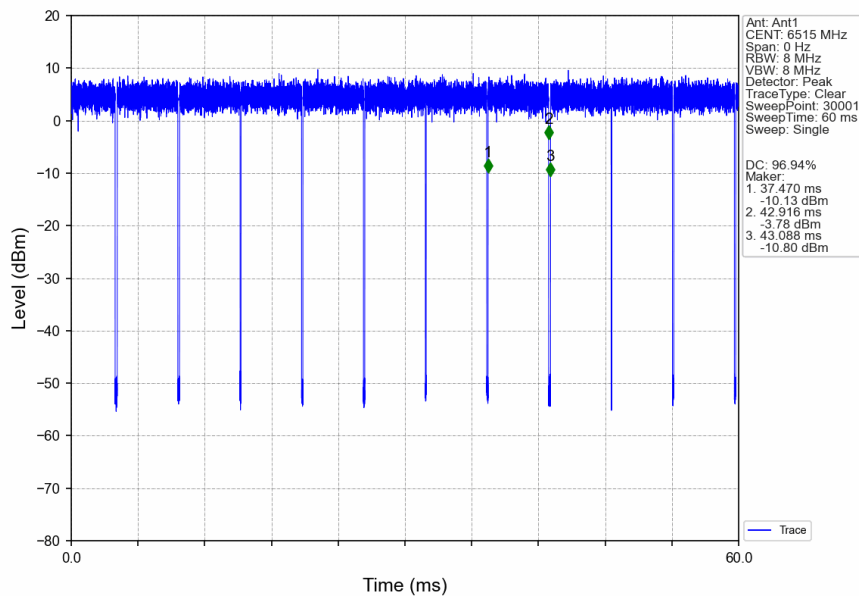
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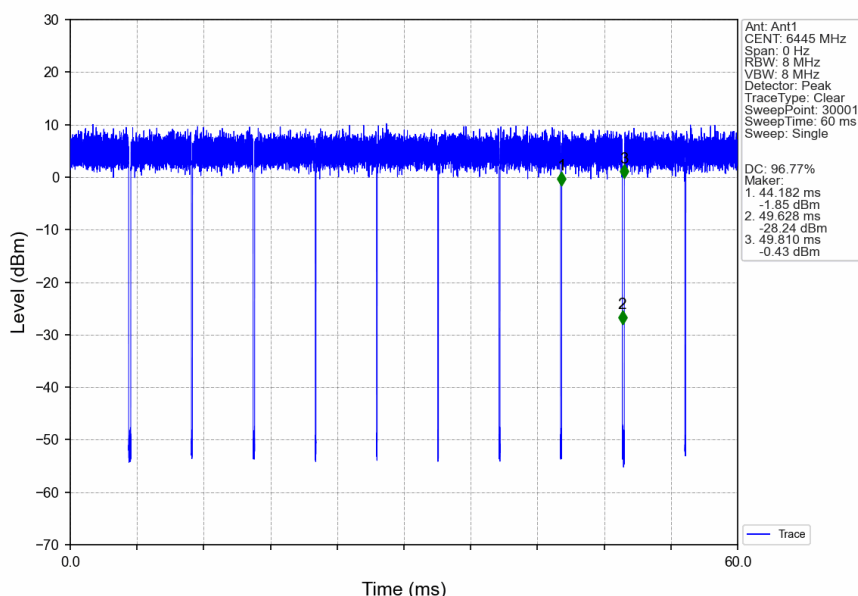
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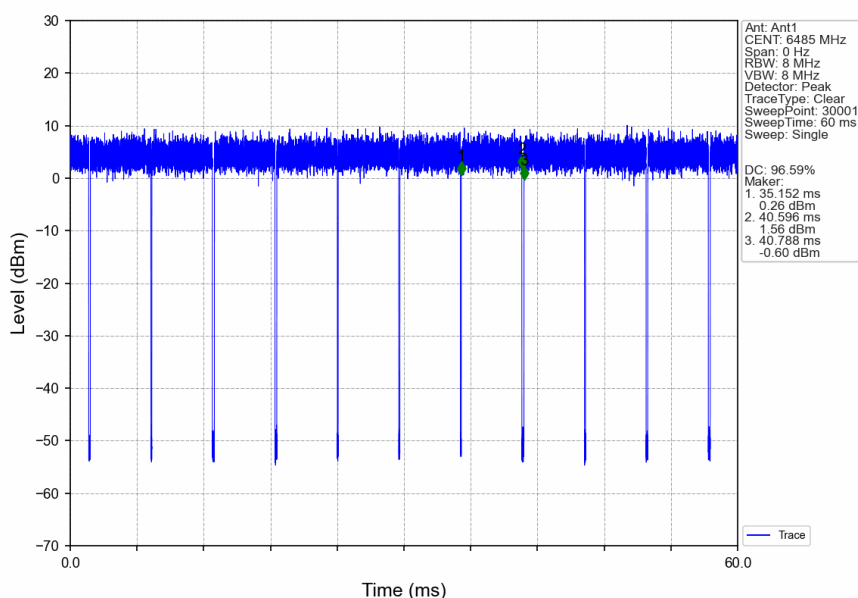
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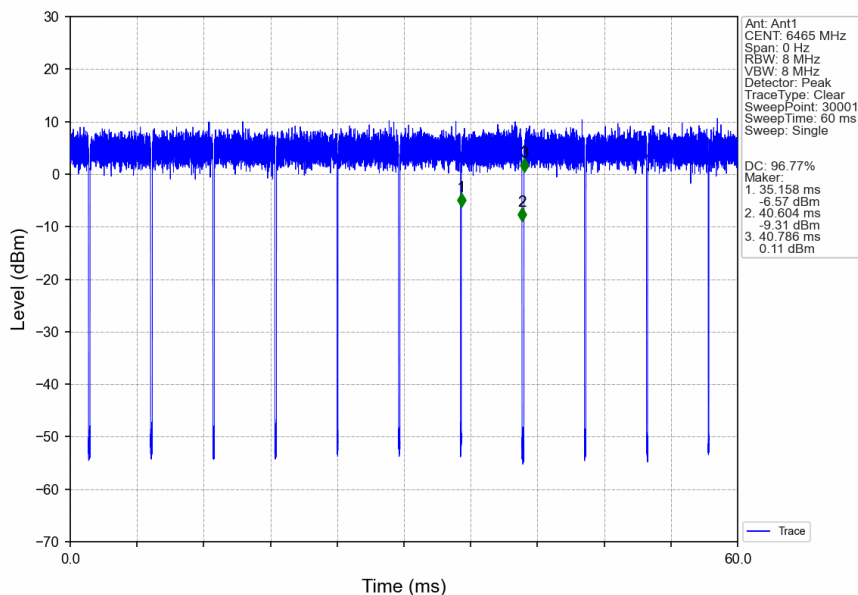
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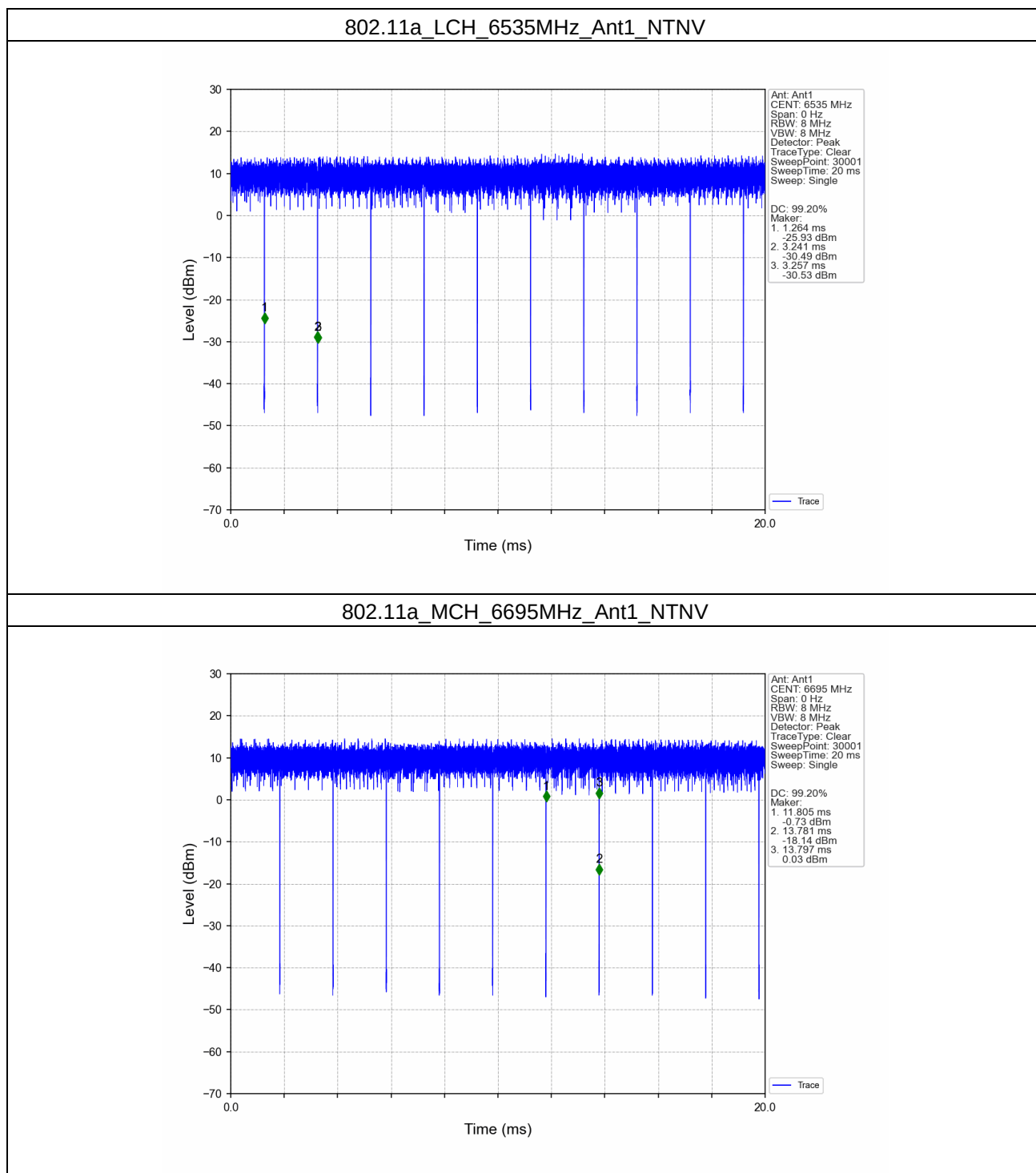
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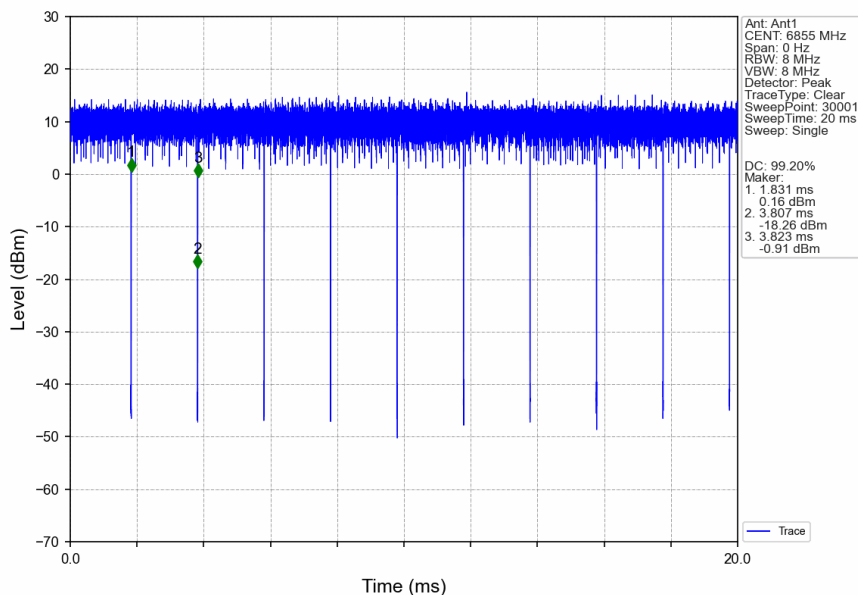
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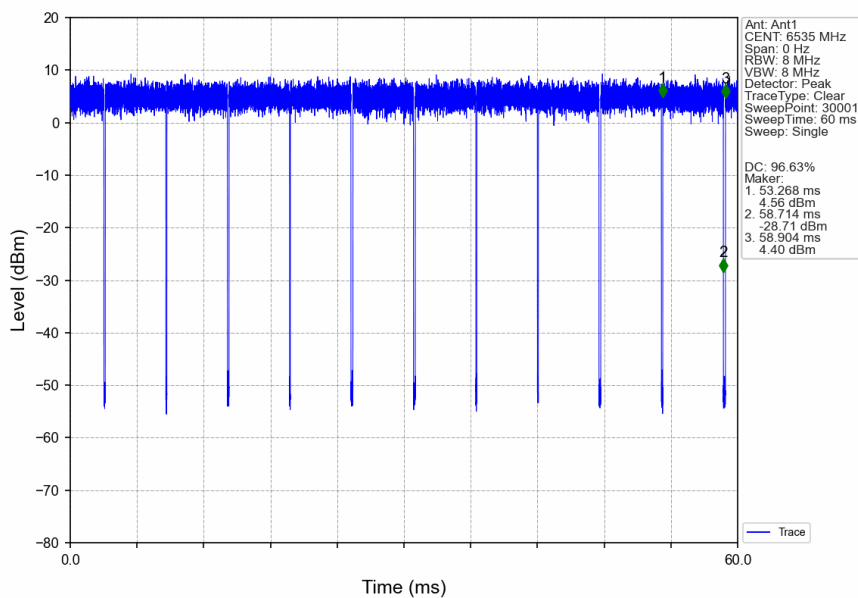
1.2.5 Ant1



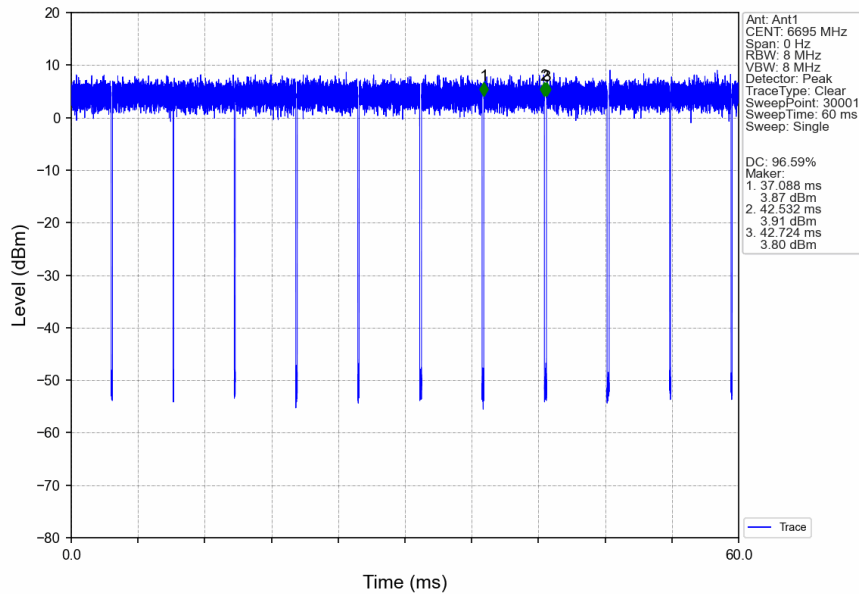
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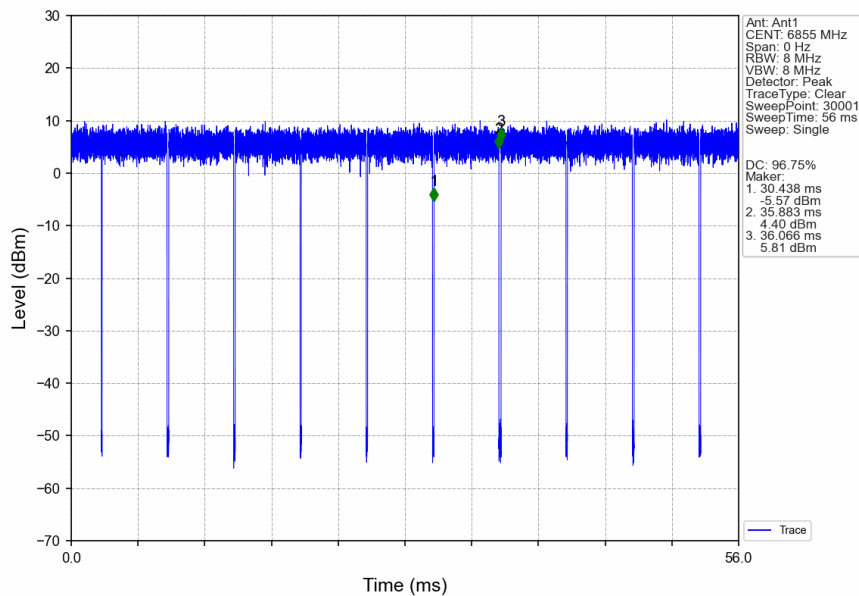
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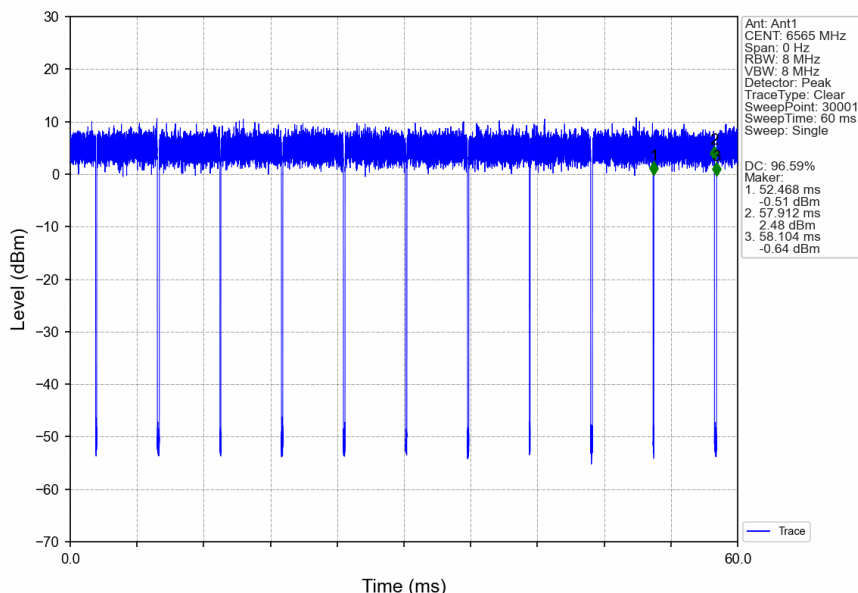
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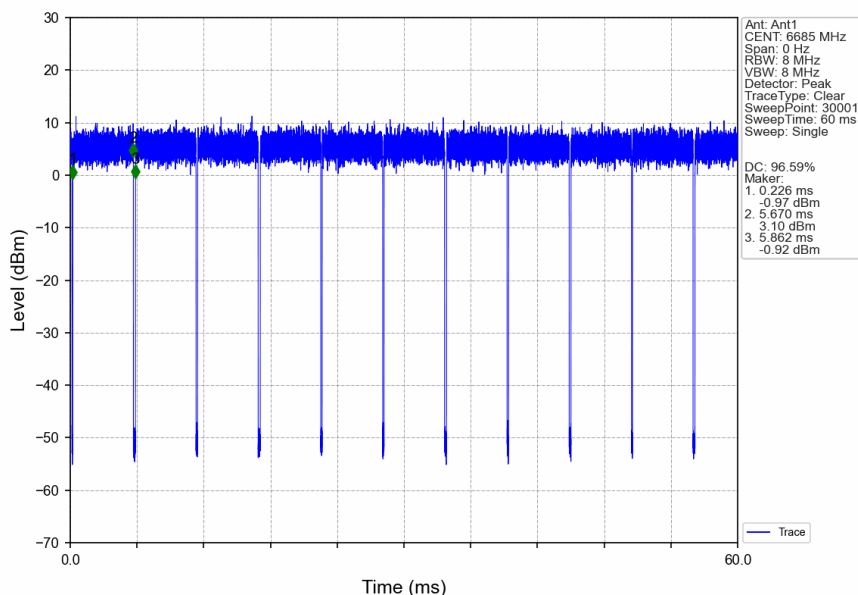
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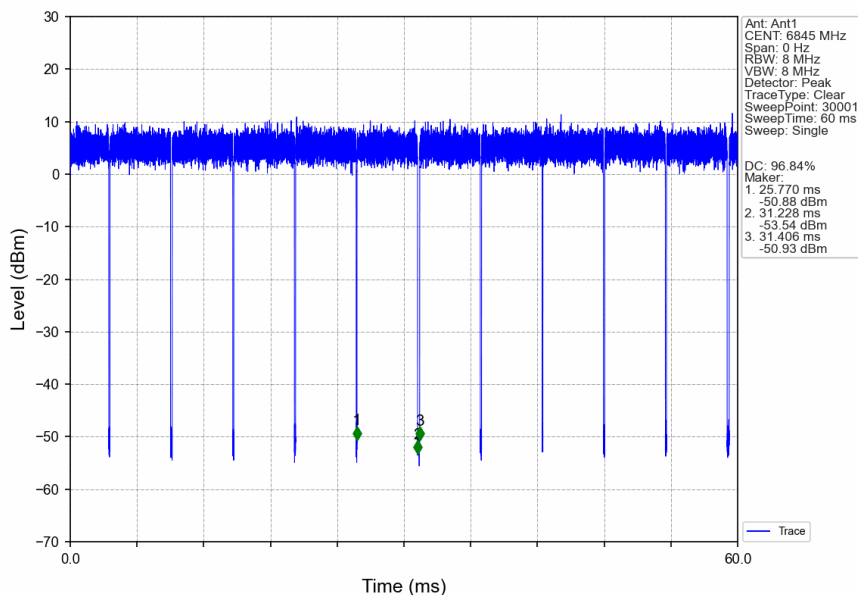
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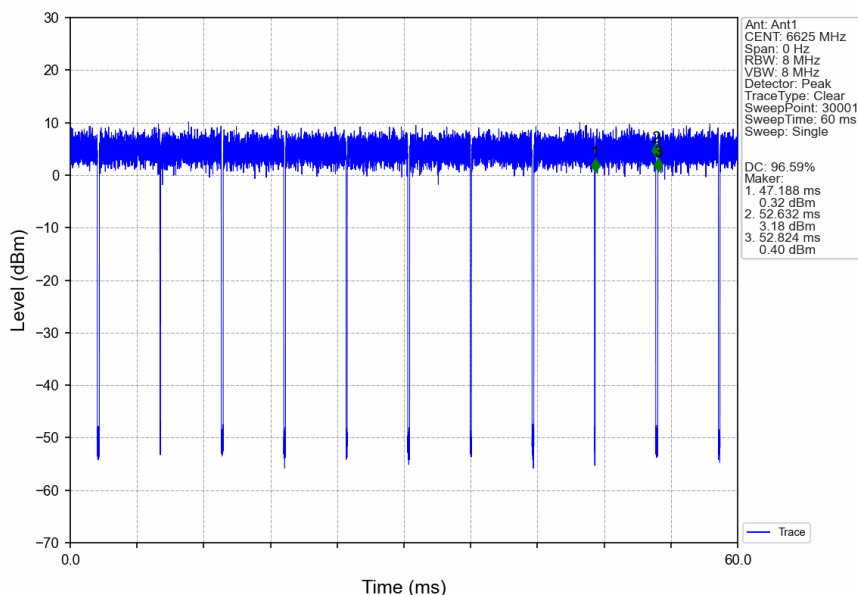
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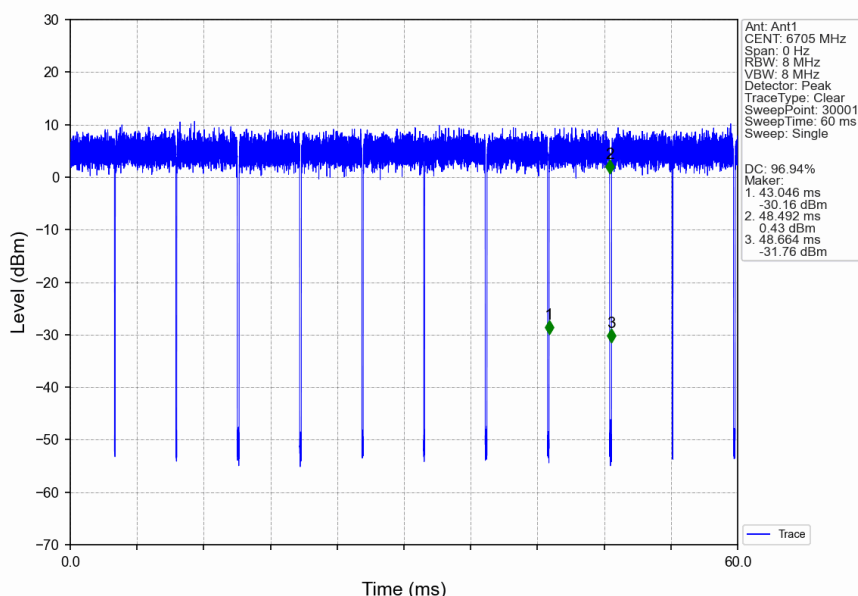
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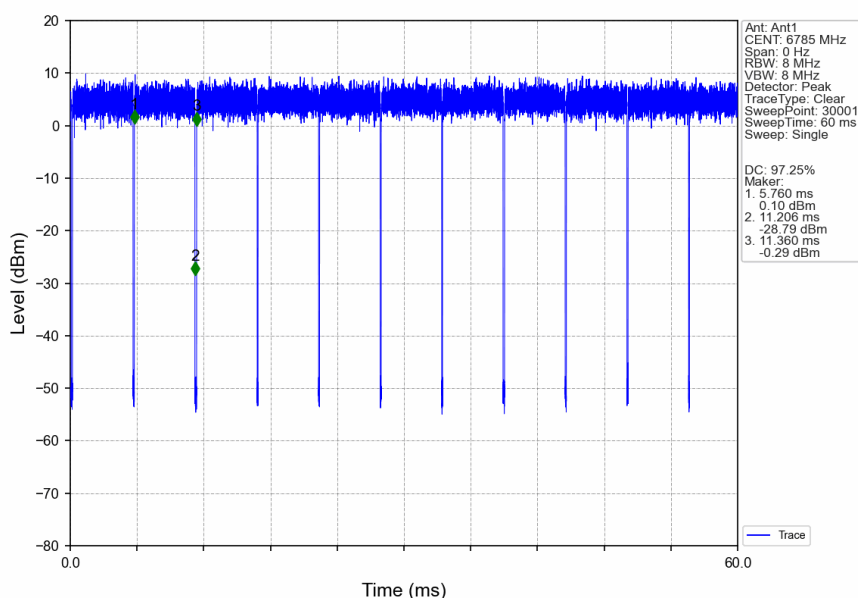
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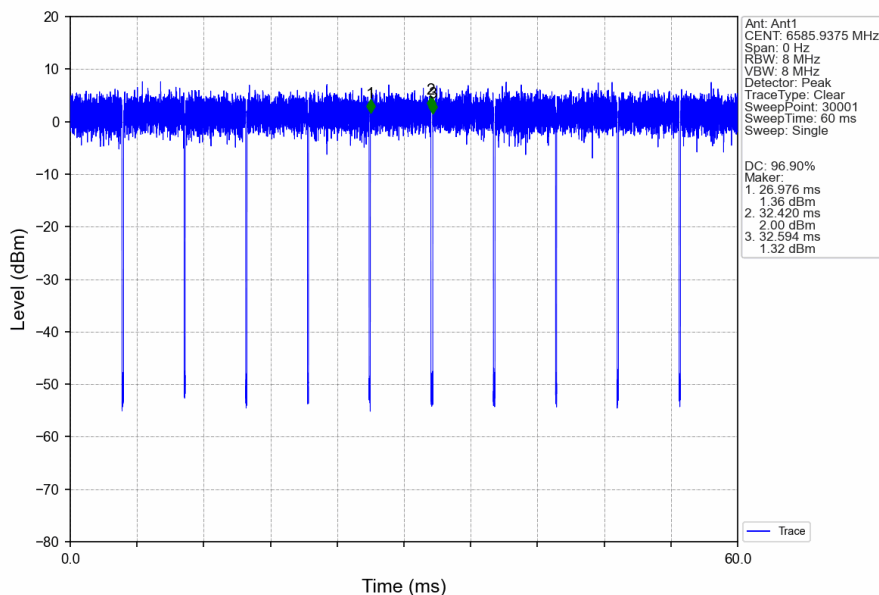
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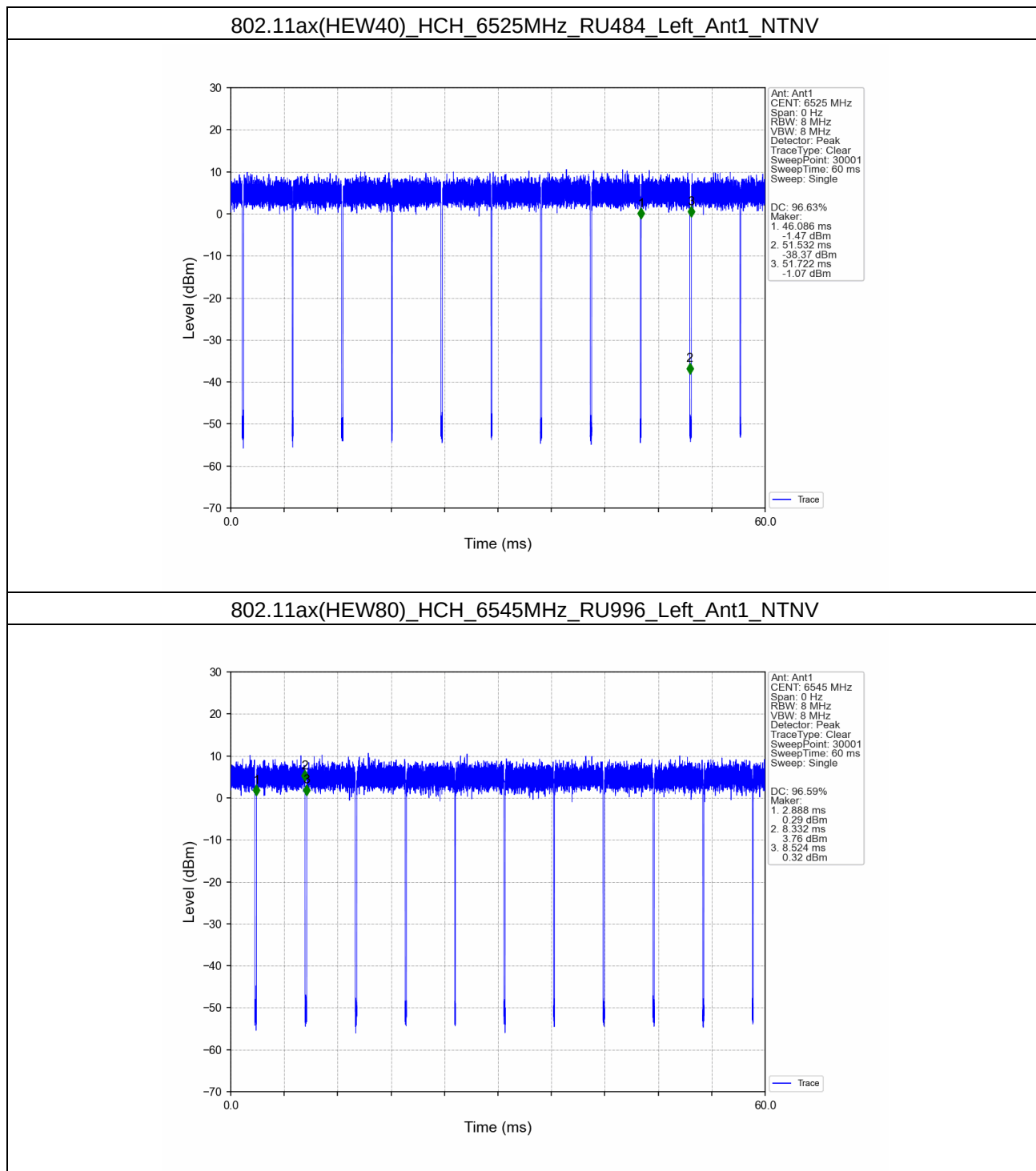
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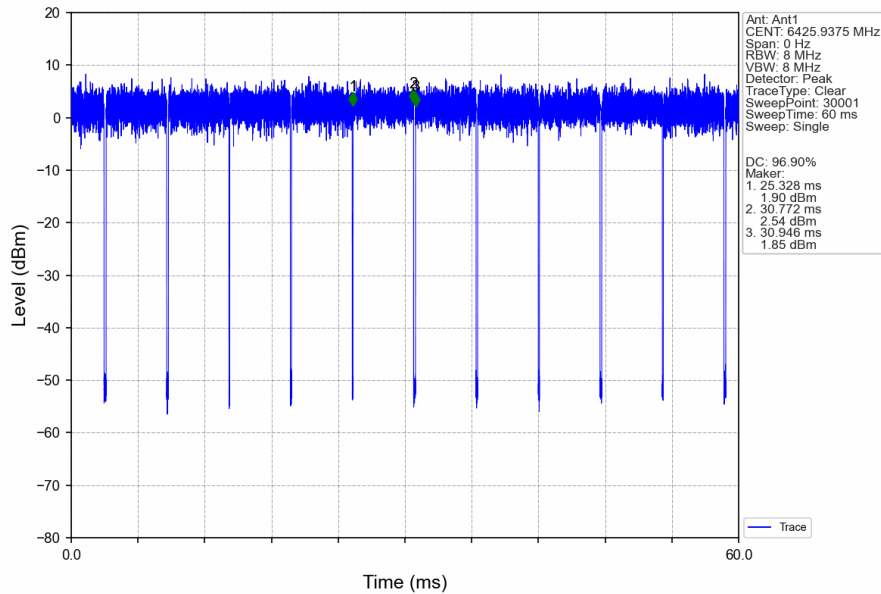
802.11ax(HEW160)_MCH_6665MHz_2xRU996_Left_Ant1_NTNV



1.2.6 Ant1



802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	5955	/	/	1	16.917	<=320	Pass
			6175	/	/	1	16.932	<=320	Pass
			6415	/	/	1	16.930	<=320	Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left	1	16.878	<=320	Pass
			6175	RU242	Left	1	16.953	<=320	Pass
			6415	RU242	Left	1	16.976	<=320	Pass
	802.11ax (HEW40)	MIMO	5965	RU484	Left	1	38.054	<=320	Pass
			6165	RU484	Left	1	38.074	<=320	Pass
			6405	RU484	Left	1	38.013	<=320	Pass
	802.11ax (HEW80)	MIMO	5985	RU996	Left	1	77.775	<=320	Pass
			6145	RU996	Left	1	77.852	<=320	Pass
			6385	RU996	Left	1	77.619	<=320	Pass
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	1	156.687	<=320	Pass
			6185	2xRU996	Left	1	156.678	<=320	Pass
			6345	2xRU996	Left	1	157.118	<=320	Pass

2.1.2 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	5955	/	/	1	22.568	/	Pass
			6175	/	/	1	22.811	/	Pass
			6415	/	/	1	22.866	/	Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left	1	22.147	/	Pass
			6175	RU242	Left	1	22.764	/	Pass
			6415	RU242	Left	1	22.163	/	Pass
	802.11ax (HEW40)	MIMO	5965	RU484	Left	1	43.578	/	Pass
			6165	RU484	Left	1	43.897	/	Pass
			6405	RU484	Left	1	43.039	/	Pass
	802.11ax	MIMO	5985	RU996	Left	1	88.837	/	Pass



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	(HEW80)	MIMO	6145	RU996	Left	1	89.999	/	Pass
			6385	RU996	Left	1	89.236	/	Pass
	802.11ax (HEW160)		6025	2xRU996	Left	1	171.708	/	Pass
			6185	2xRU996	Left	1	170.579	/	Pass
			6345	2xRU996	Left	1	170.573	/	Pass

2.1.3 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6435	/	/	1	16.939	<=320	Pass
			6475	/	/	1	17.000	<=320	Pass
			6515	/	/	1	16.952	<=320	Pass
	802.11ax (HEW20)	MIMO	6435	RU242	Left	1	16.913	<=320	Pass
			6475	RU242	Left	1	16.947	<=320	Pass
			6515	RU242	Left	1	19.100	<=320	Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	1	38.020	<=320	Pass
			6485	RU484	Left	1	38.024	<=320	Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	1	77.721	<=320	Pass

2.1.4 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6435	/	/	1	22.517	/	Pass
			6475	/	/	1	22.467	/	Pass
			6515	/	/	1	22.290	/	Pass
	802.11ax (HEW20)	MIMO	6435	RU242	Left	1	22.178	/	Pass
			6475	RU242	Left	1	22.484	/	Pass
			6515	RU242	Left	1	22.428	/	Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	1	44.014	/	Pass
			6485	RU484	Left	1	43.608	/	Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	1	88.890	/	Pass

2.1.5 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	



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NTNV	802.11a	SISO	6535	/	/	1	16.926	<=320	Pass
			6695	/	/	1	17.001	<=320	Pass
			6855	/	/	1	16.990	<=320	Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left	1	19.105	<=320	Pass
			6695	RU242	Left	1	19.121	<=320	Pass
			6855	RU242	Left	1	19.135	<=320	Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	1	38.070	<=320	Pass
			6685	RU484	Left	1	37.956	<=320	Pass
			6845	RU484	Left	1	38.064	<=320	Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	1	77.764	<=320	Pass
			6705	RU996	Left	1	77.503	<=320	Pass
			6785	RU996	Left	1	77.724	<=320	Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	1	156.964	<=320	Pass

2.1.6 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6535	/	/	1	23.166	/	Pass
			6695	/	/	1	22.478	/	Pass
			6855	/	/	1	22.701	/	Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left	1	22.912	/	Pass
			6695	RU242	Left	1	22.484	/	Pass
			6855	RU242	Left	1	22.234	/	Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	1	44.366	/	Pass
			6685	RU484	Left	1	43.281	/	Pass
			6845	RU484	Left	1	43.339	/	Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	1	91.290	/	Pass
			6705	RU996	Left	1	88.406	/	Pass
			6785	RU996	Left	1	86.754	/	Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	1	171.642	/	Pass

2.1.7 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6895	/	/	1	17.010	<=320	Pass
			6995	/	/	1	16.909	<=320	Pass



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			7115	/	/	1	17.020	<=320	Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	1	19.093	<=320	Pass
			6995	RU242	Left	1	19.097	<=320	Pass
			7115	RU242	Left	1	19.092	<=320	Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	1	38.057	<=320	Pass
			7005	RU484	Left	1	38.043	<=320	Pass
			7085	RU484	Left	1	38.039	<=320	Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	1	77.879	<=320	Pass
			7025	RU996	Left	1	77.758	<=320	Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	1	156.883	<=320	Pass

2.1.8 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6895	/	/	1	22.935	/	Pass
			6995	/	/	1	22.437	/	Pass
			7115	/	/	1	23.125	/	Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	1	22.703	/	Pass
			6995	RU242	Left	1	22.578	/	Pass
			7115	RU242	Left	1	22.642	/	Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	1	43.588	/	Pass
			7005	RU484	Left	1	43.255	/	Pass
			7085	RU484	Left	1	44.203	/	Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	1	87.277	/	Pass
			7025	RU996	Left	1	87.677	/	Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	1	171.836	/	Pass

2.1.9 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6875	/	/	1	16.967	<=320	Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	1	19.095	<=320	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	1	38.101	<=320	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	1	77.692	<=320	Pass



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	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	1	156.608	<=320	Pass
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2.1.10 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	SISO	6875	/	/	1	22.572	/	Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	1	22.949	/	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	1	43.723	/	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	1	88.163	/	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	1	170.711	/	Pass

2.1.11 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	1	38.015	<=320	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	1	77.818	<=320	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	1	157.335	<=320	Pass

2.1.12 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	1	44.734	/	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	1	88.092	/	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	1	174.424	/	Pass



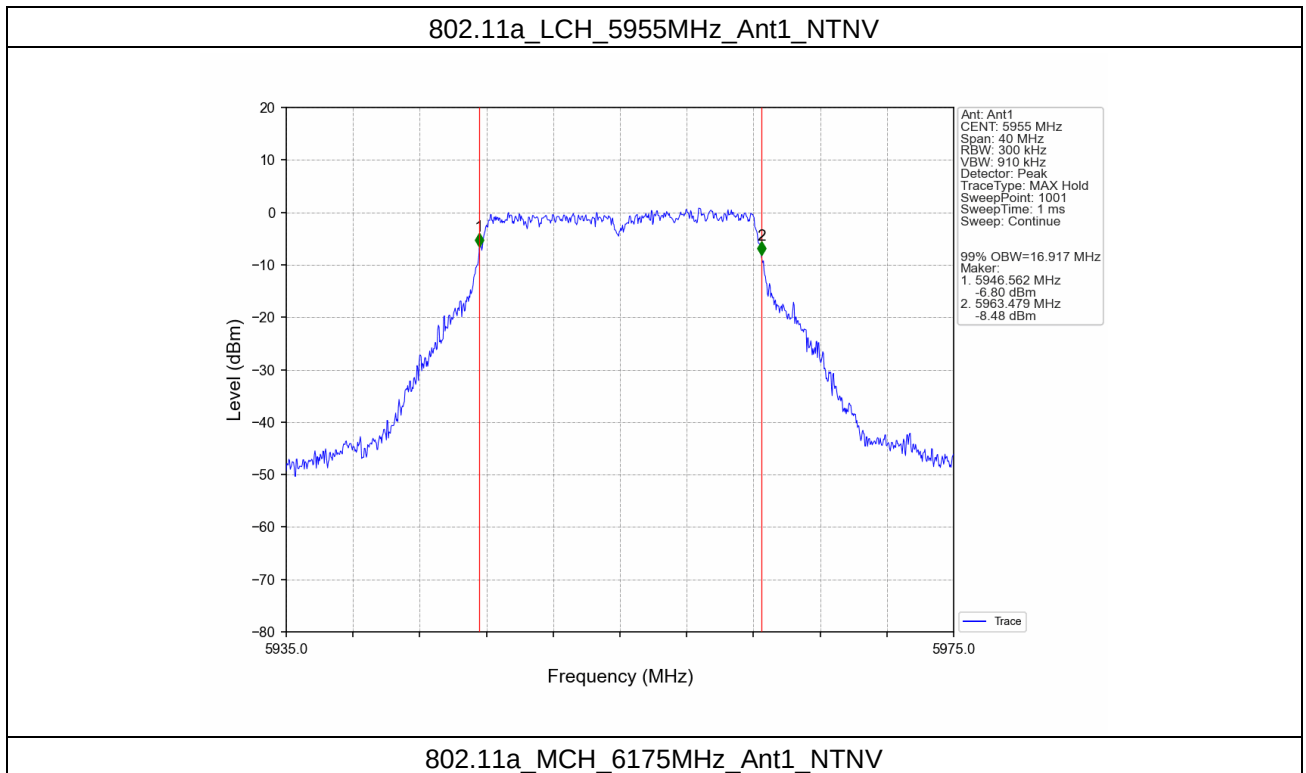
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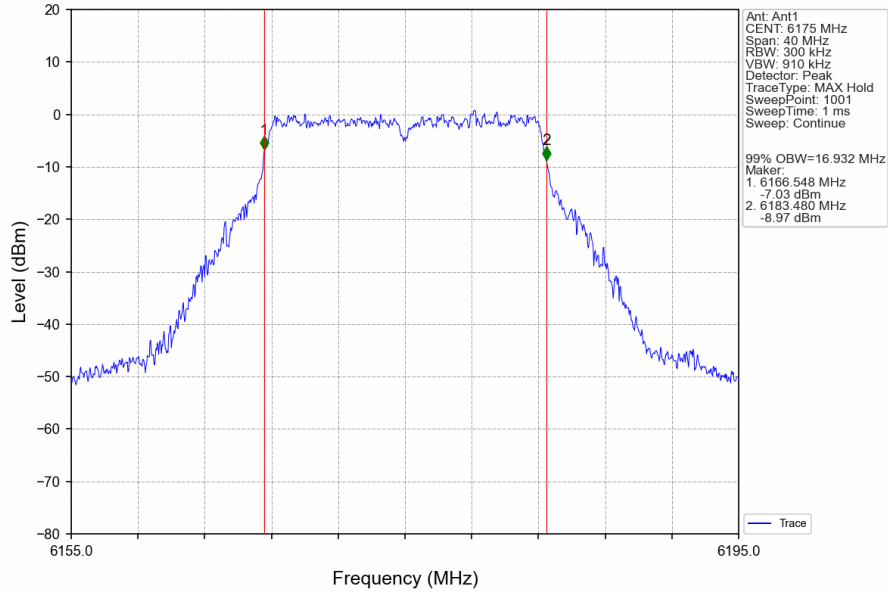
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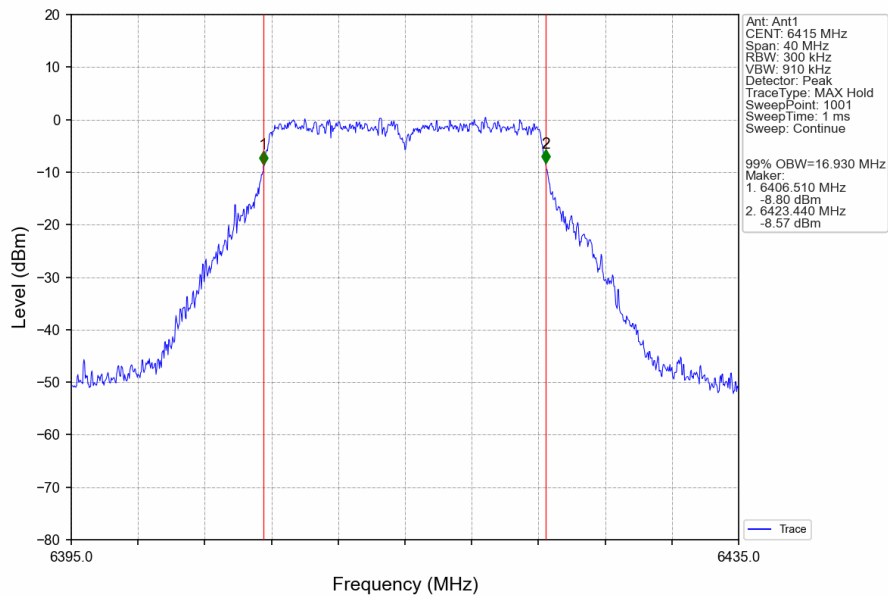
1.2 Test Graph

2.2.1 OBW





802.11a_HCH_6415MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5955MHz_RU242_Left_Ant1_NTNV

