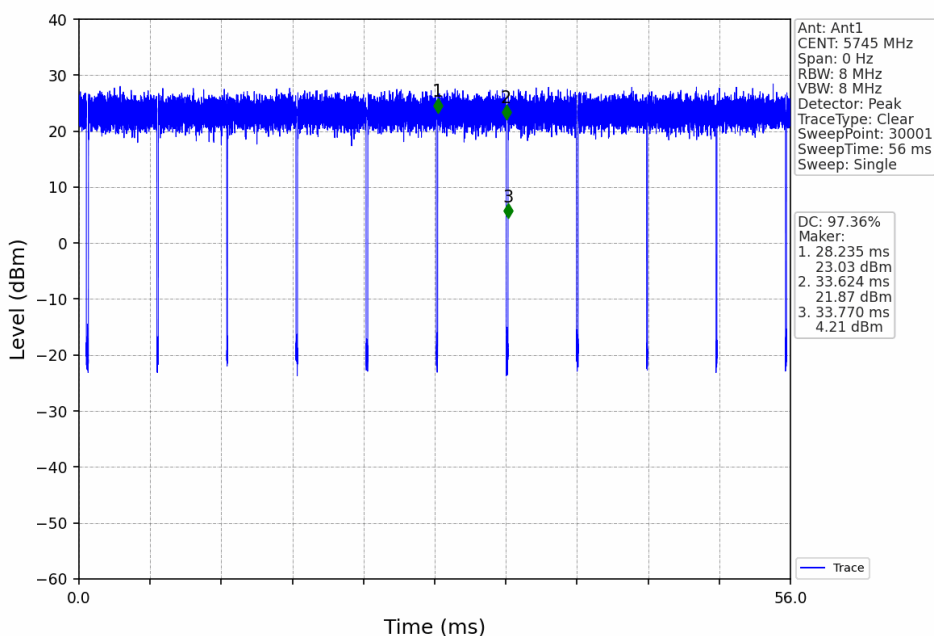
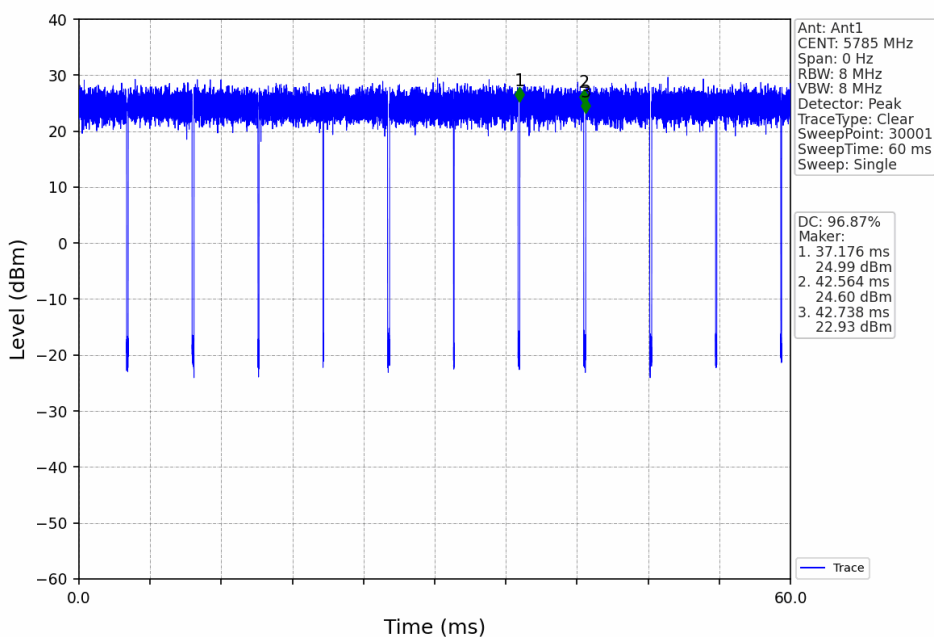


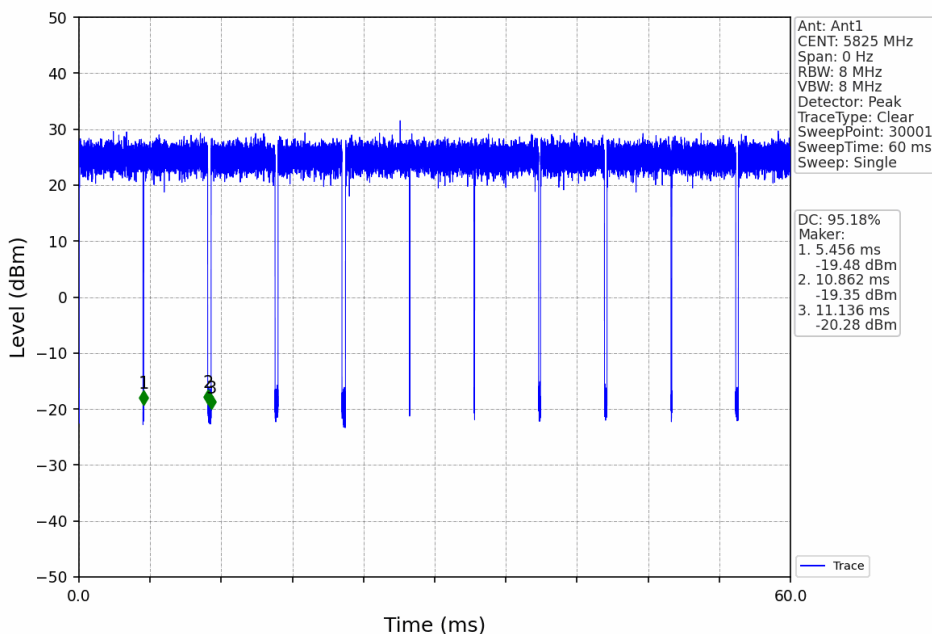
802.11be(EHT20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



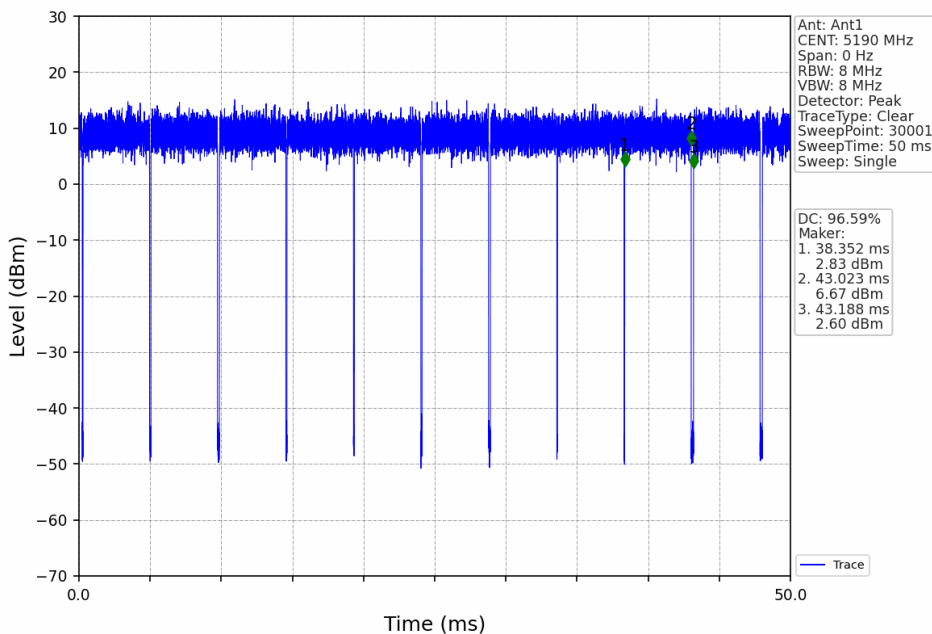
802.11be(EHT20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



802.11be(EHT20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



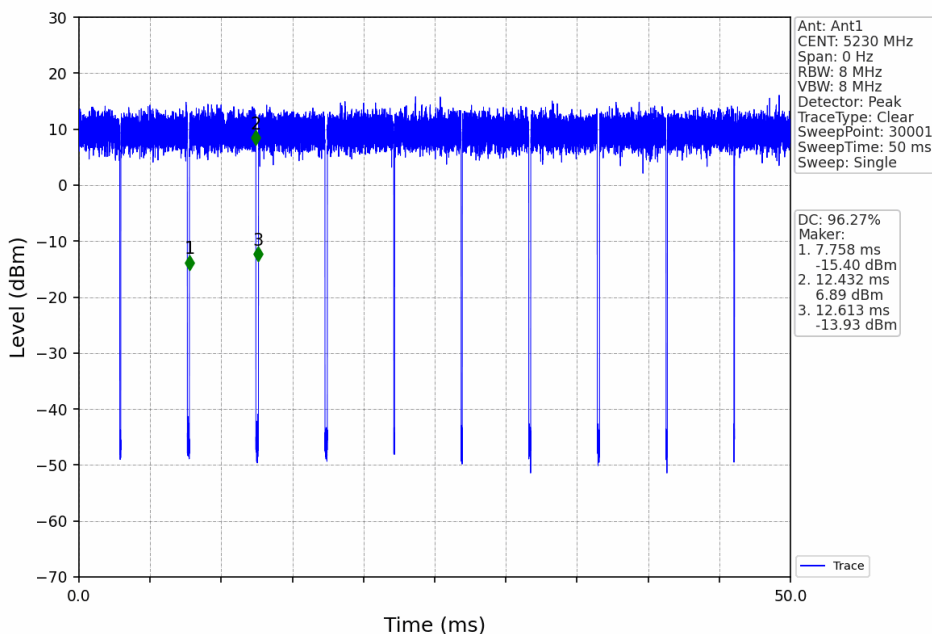
802.11be(EHT40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



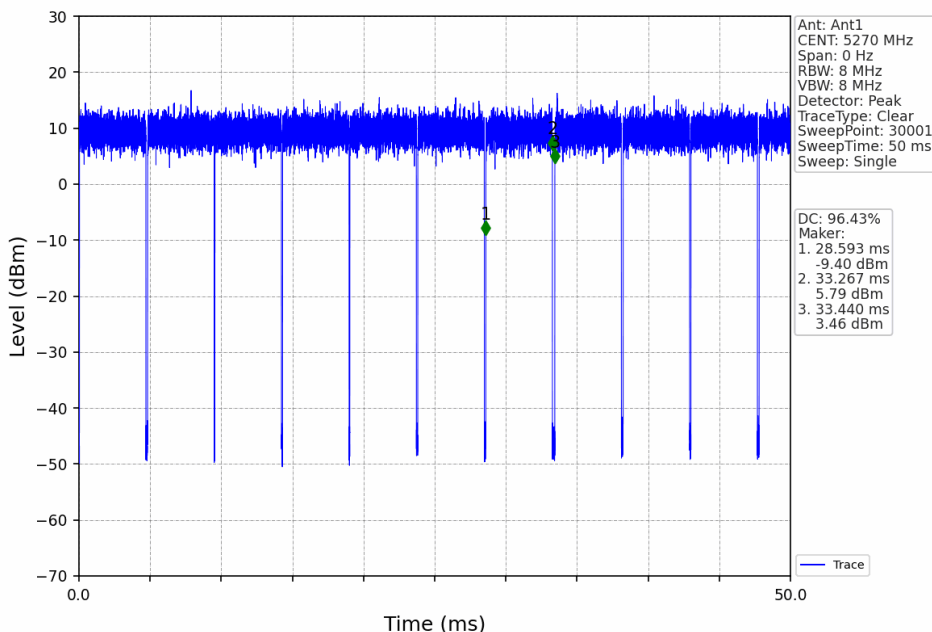
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802.11be(EHT40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



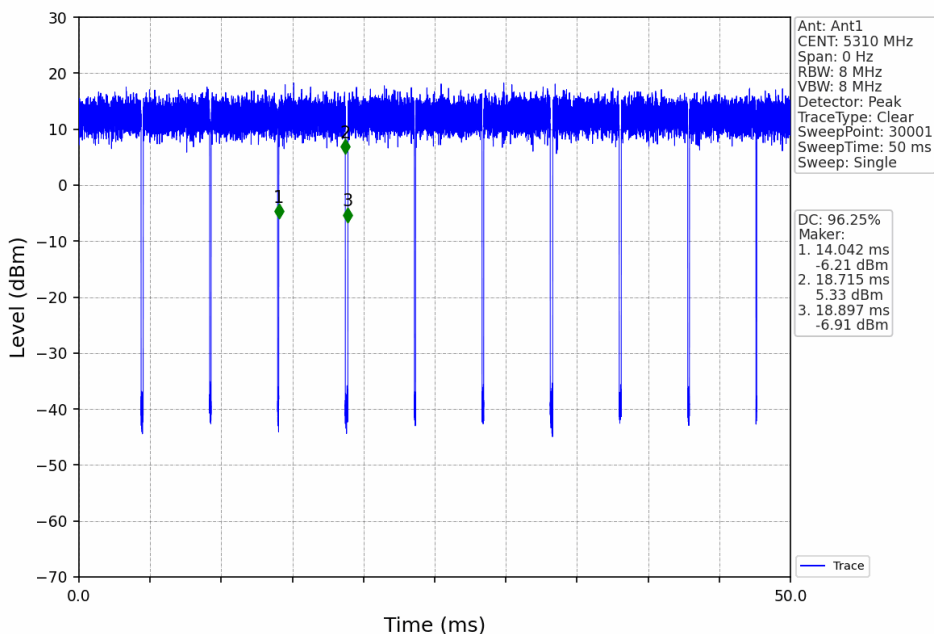
802.11be(EHT40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



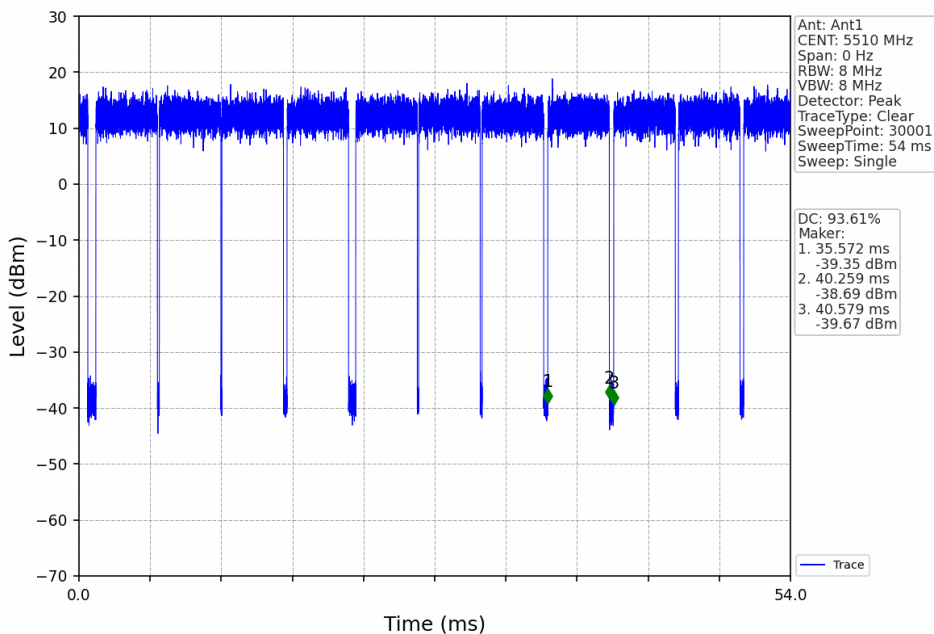
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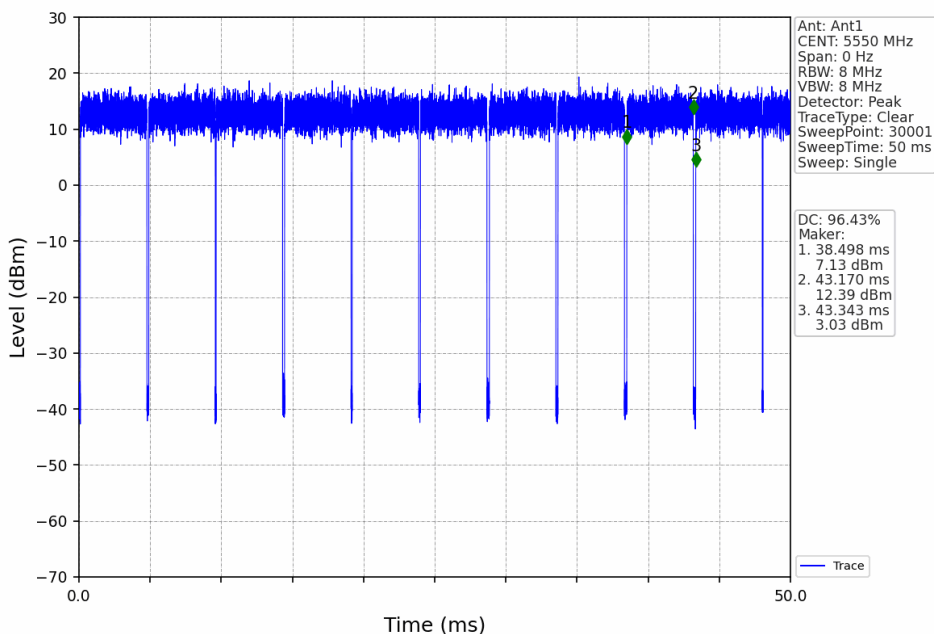
802.11be(EHT40)_HCH_5310MHz_RU484_Left_Ant1_NTNV



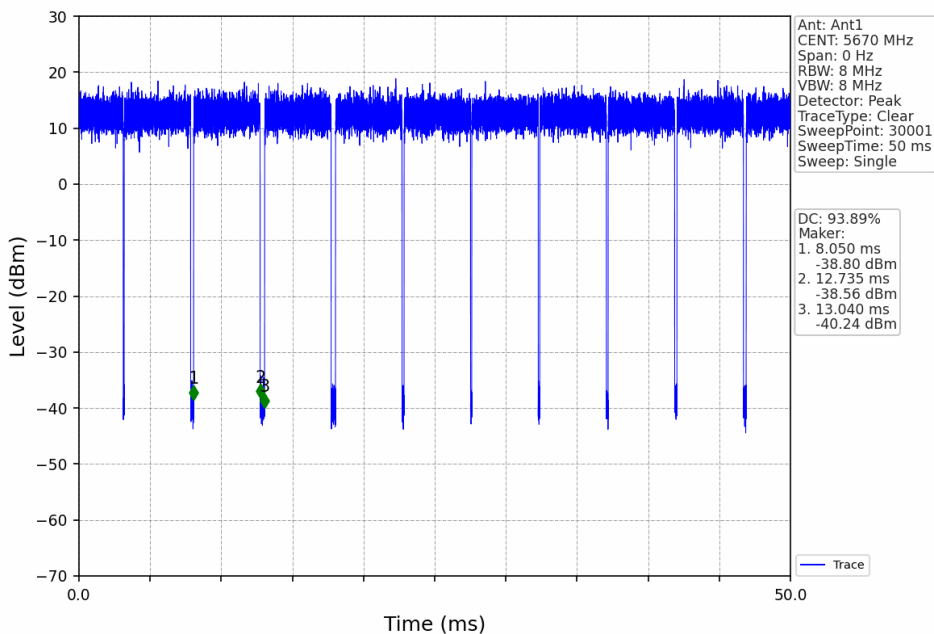
802.11be(EHT40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



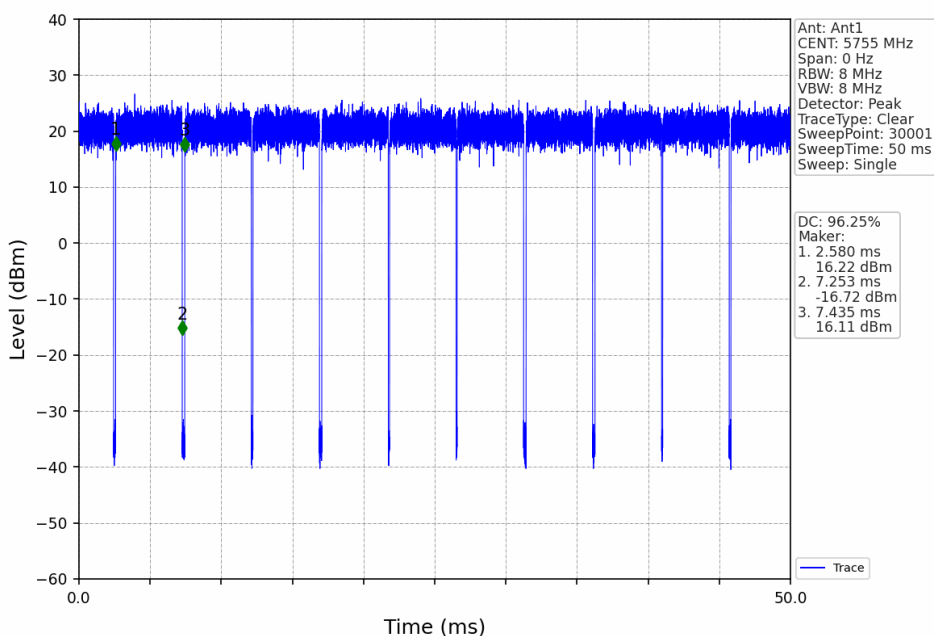
802.11be(EHT40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



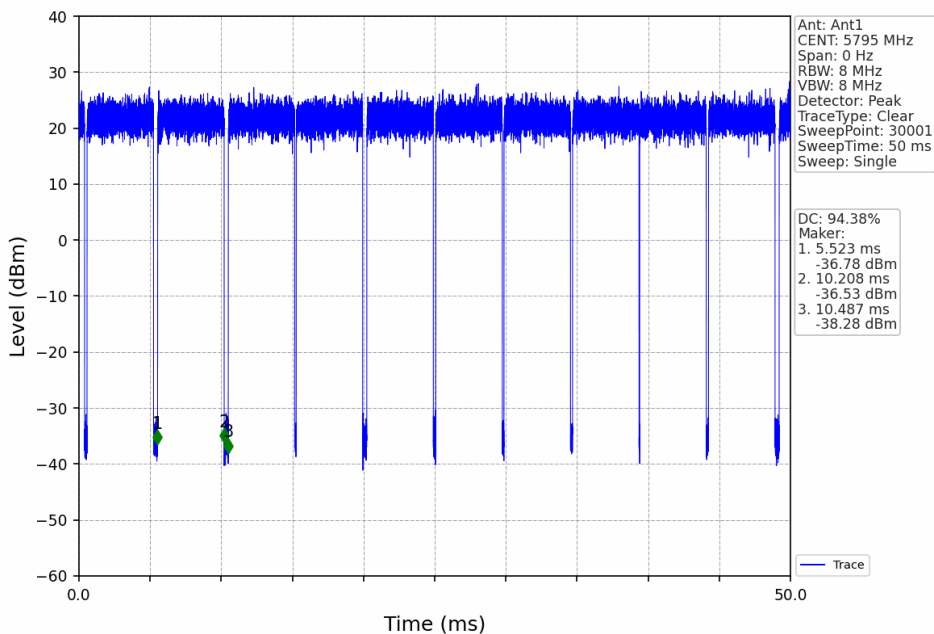
802.11be(EHT40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



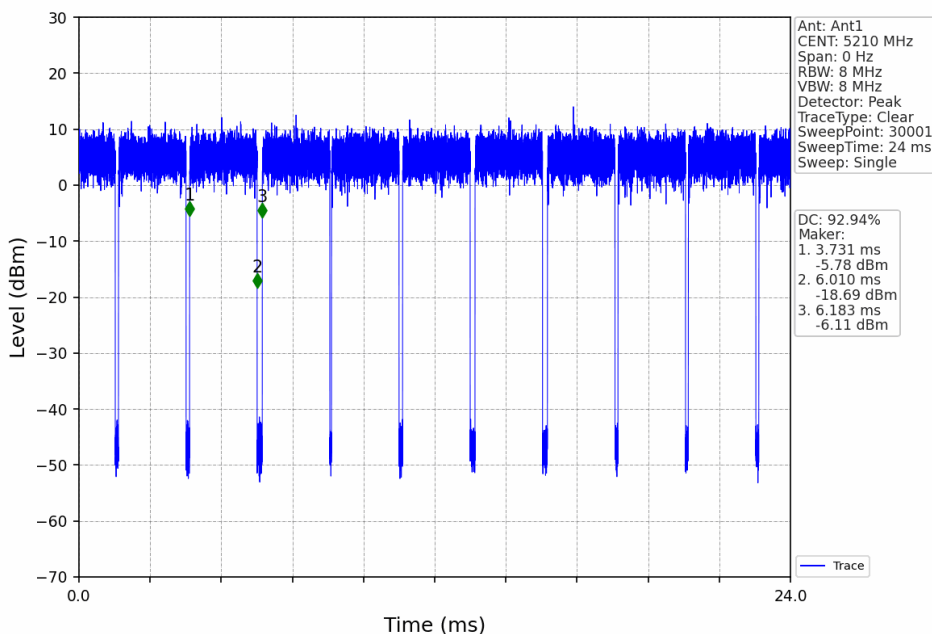
802.11be(EHT40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



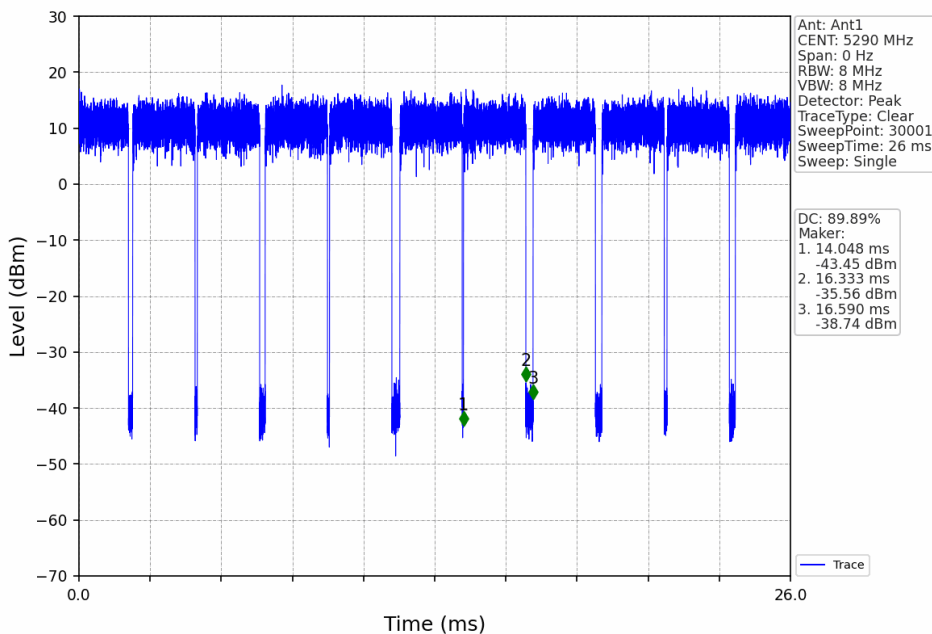
802.11be(EHT40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



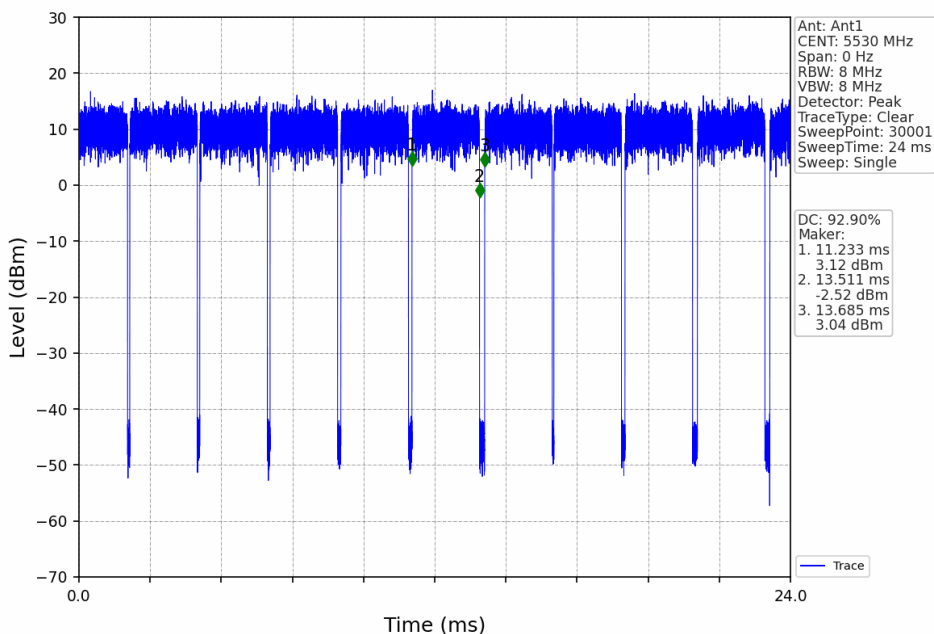
802.11be(EHT80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



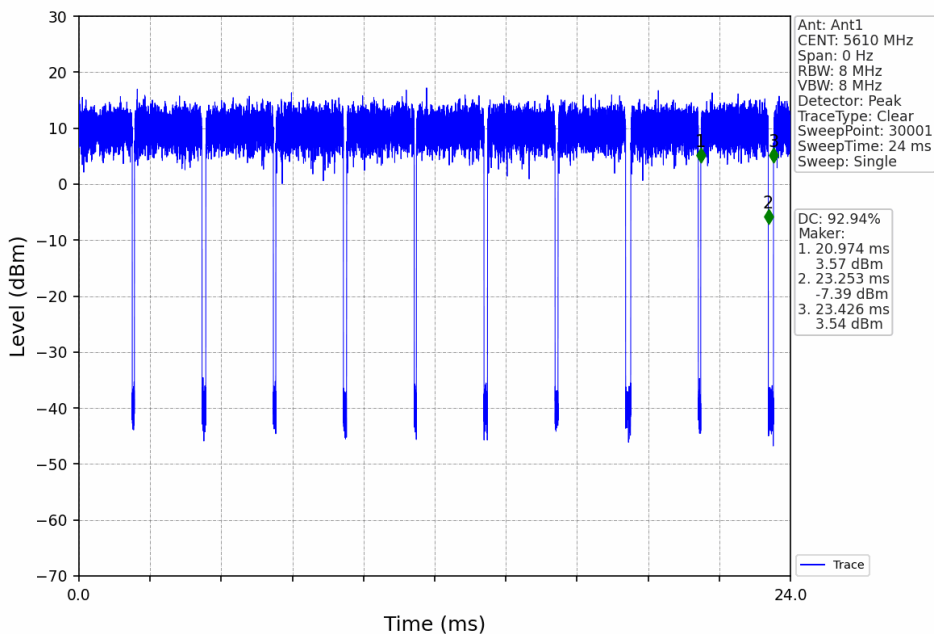
802.11be(EHT80)_MCH_5290MHz_RU996_Left_Ant1_NTNV



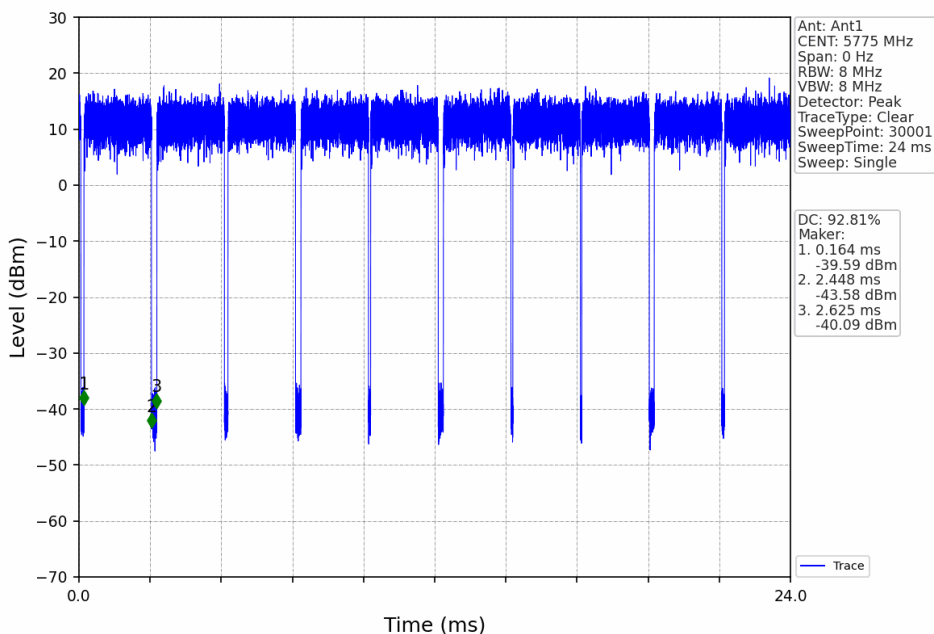
802.11be(EHT80)_LCH_5530MHz_RU996_Left_Ant1_NTNV



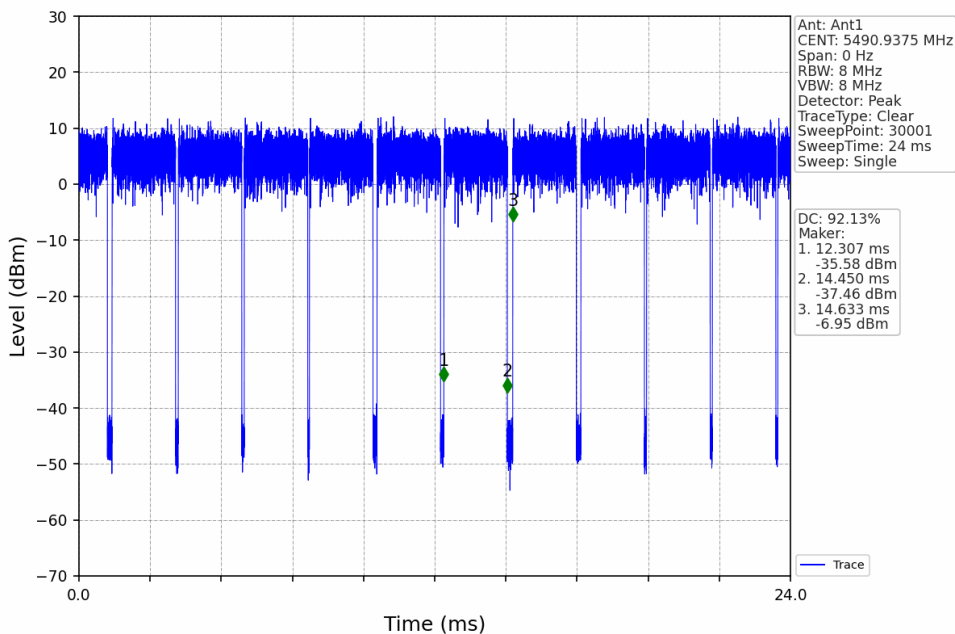
802.11be(EHT80)_HCH_5610MHz_RU996_Left_Ant1_NTNV

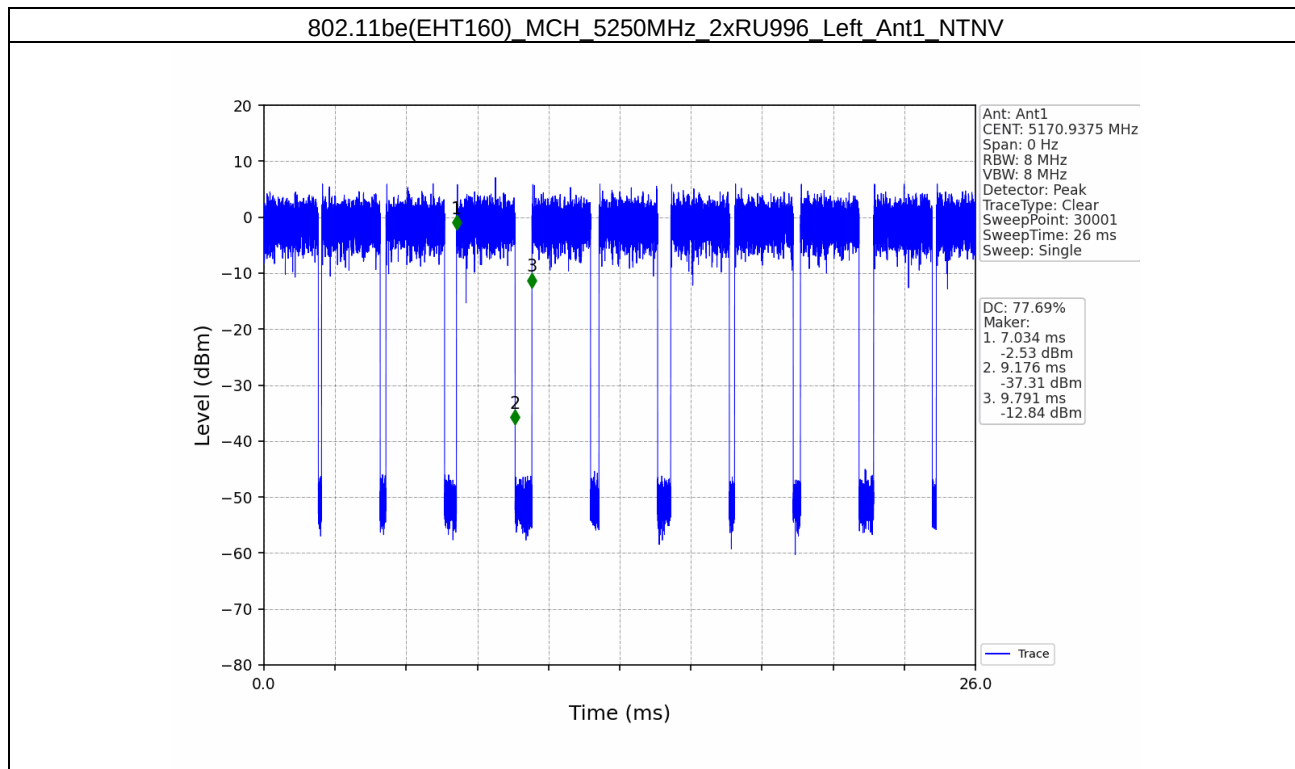


802.11be(EHT80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



802.11be(EHT160)_MCH_5570MHz_2xRU996_Left_Ant1_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	1	17.169	/	Pass
		5200	/	/	1	17.735	/	Pass
		5240	/	/	1	17.846	/	Pass
		5260	/	/	1	17.846	/	Pass
		5300	/	/	1	17.843	/	Pass
		5320	/	/	1	17.677	/	Pass
		5500	/	/	1	17.853	/	Pass
		5580	/	/	1	17.754	/	Pass
		5700	/	/	1	17.801	/	Pass
		5745	/	/	1	17.865	/	Pass
		5785	/	/	1	17.897	/	Pass
802.11n (HT20)	MIMO	5825	/	/	1	18.000	/	Pass
		5180	/	/	1	18.756	/	Pass
		5200	/	/	1	18.926	/	Pass
		5240	/	/	1	18.880	/	Pass
		5260	/	/	1	18.838	/	Pass
		5300	/	/	1	18.746	/	Pass
		5320	/	/	1	18.852	/	Pass
		5500	/	/	1	18.827	/	Pass
		5580	/	/	1	18.810	/	Pass
		5700	/	/	1	18.670	/	Pass
		5745	/	/	1	25.939	/	Pass
802.11n (HT40)	MIMO	5785	/	/	1	19.960	/	Pass
		5825	/	/	1	22.078	/	Pass
		5190	/	/	1	37.897	/	Pass
		5230	/	/	1	37.556	/	Pass
		5270	/	/	1	37.824	/	Pass
		5310	/	/	1	37.961	/	Pass
		5510	/	/	1	37.562	/	Pass
		5550	/	/	1	37.861	/	Pass
		5670	/	/	1	37.870	/	Pass
802.11ac (VHT20)	MIMO	5755	/	/	1	46.061	/	Pass
		5795	/	/	1	38.591	/	Pass
		5180	/	/	1	18.959	/	Pass
		5200	/	/	1	18.824	/	Pass
		5240	/	/	1	18.879	/	Pass



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		5260	/	/	1	18.826	/	Pass
		5300	/	/	1	18.764	/	Pass
		5320	/	/	1	18.905	/	Pass
		5500	/	/	1	18.733	/	Pass
		5580	/	/	1	18.851	/	Pass
		5700	/	/	1	18.723	/	Pass
		5745	/	/	1	20.128	/	Pass
		5785	/	/	1	19.879	/	Pass
		5825	/	/	1	20.315	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	38.105	/	Pass
		5230	/	/	1	37.867	/	Pass
		5270	/	/	1	37.812	/	Pass
		5310	/	/	1	38.300	/	Pass
		5510	/	/	1	37.578	/	Pass
		5550	/	/	1	37.616	/	Pass
		5670	/	/	1	37.823	/	Pass
		5755	/	/	1	42.228	/	Pass
802.11ac (VHT80)	MIMO	5795	/	/	1	38.516	/	Pass
		5210	/	/	1	77.826	/	Pass
		5290	/	/	1	78.360	/	Pass
		5530	/	/	1	78.209	/	Pass
		5610	/	/	1	78.586	/	Pass
802.11ac (VHT160)	MIMO	5775	/	/	1	86.108	/	Pass
		5570	/	/	1	157.978	/	Pass
802.11ax (HEW20)	MIMO	5250	/	/	1	157.701	/	Pass
		5180	RU242	Left	1	19.435	/	Pass
		5200	RU242	Left	1	19.548	/	Pass
		5240	RU242	Left	1	19.487	/	Pass
		5260	RU242	Left	1	19.501	/	Pass
		5300	RU242	Left	1	19.460	/	Pass
		5320	RU242	Left	1	19.503	/	Pass
		5500	RU242	Left	1	19.424	/	Pass
		5580	RU242	Left	1	19.474	/	Pass
		5700	RU242	Left	1	19.510	/	Pass
		5745	RU242	Left	1	21.603	/	Pass
		5785	RU242	Left	1	20.031	/	Pass
802.11ax (HEW40)	MIMO	5825	RU242	Left	1	20.143	/	Pass
		5190	RU484	Left	1	38.172	/	Pass
		5230	RU484	Left	1	37.801	/	Pass
		5270	RU484	Left	1	38.712	/	Pass
		5310	RU484	Left	1	38.793	/	Pass
		5510	RU484	Left	1	38.712	/	Pass
		5550	RU484	Left	1	38.679	/	Pass
		5670	RU484	Left	1	38.675	/	Pass
		5755	RU484	Left	1	42.798	/	Pass
802.11ax	MIMO	5795	RU484	Left	1	39.142	/	Pass
		5210	RU996	Left	1	79.121	/	Pass



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(HEW80)		5290	RU996	Left	1	79.495	/	Pass
		5530	RU996	Left	1	79.589	/	Pass
		5610	RU996	Left	1	79.422	/	Pass
		5775	RU996	Left	1	80.495	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	158.441	/	Pass
		5250	2xRU996	Left	1	157.714	/	Pass
802.11be (EHT20)	MIMO	5180	RU242	Left	1	19.452	/	Pass
		5200	RU242	Left	1	19.562	/	Pass
		5240	RU242	Left	1	19.538	/	Pass
		5260	RU242	Left	1	19.626	/	Pass
		5300	RU242	Left	1	19.521	/	Pass
		5320	RU242	Left	1	19.658	/	Pass
		5500	RU242	Left	1	19.509	/	Pass
		5580	RU242	Left	1	19.499	/	Pass
		5700	RU242	Left	1	19.508	/	Pass
		5745	RU242	Left	1	22.447	/	Pass
		5785	RU242	Left	1	20.201	/	Pass
		5825	RU242	Left	1	20.767	/	Pass
802.11be (EHT40)	MIMO	5190	RU484	Left	1	38.934	/	Pass
		5230	RU484	Left	1	38.751	/	Pass
		5270	RU484	Left	1	38.728	/	Pass
		5310	RU484	Left	1	38.946	/	Pass
		5510	RU484	Left	1	38.717	/	Pass
		5550	RU484	Left	1	38.787	/	Pass
		5670	RU484	Left	1	38.769	/	Pass
		5755	RU484	Left	1	42.677	/	Pass
802.11be (EHT80)	MIMO	5795	RU484	Left	1	39.682	/	Pass
		5210	RU996	Left	1	78.948	/	Pass
		5290	RU996	Left	1	79.610	/	Pass
		5530	RU996	Left	1	79.202	/	Pass
		5610	RU996	Left	1	79.148	/	Pass
802.11be (EHT160)	MIMO	5775	RU996	Left	1	78.928	/	Pass
		5570	2xRU996	Left	1	159.054	/	Pass
		5250	2xRU996	Left	1	158.462	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5745	/	/	1	16.395	>=0.5	Pass
		5785	/	/	1	16.405	>=0.5	Pass
		5825	/	/	1	16.382	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.703	>=0.5	Pass
		5785	/	/	1	17.658	>=0.5	Pass
		5825	/	/	1	17.671	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	36.432	>=0.5	Pass
		5795	/	/	1	36.416	>=0.5	Pass



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802.11ac (VHT20)	MIMO	5745	/	/	1	17.703	>=0.5	Pass
		5785	/	/	1	17.655	>=0.5	Pass
		5825	/	/	1	17.662	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	36.423	>=0.5	Pass
		5795	/	/	1	36.391	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	76.358	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	19.145	>=0.5	Pass
		5785	RU242	Left	1	19.103	>=0.5	Pass
		5825	RU242	Left	1	19.038	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	38.179	>=0.5	Pass
		5795	RU484	Left	1	38.197	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	78.084	>=0.5	Pass
802.11be (EHT20)	MIMO	5745	RU242	Left	1	19.100	>=0.5	Pass
		5785	RU242	Left	1	19.086	>=0.5	Pass
		5825	RU242	Left	1	19.044	>=0.5	Pass
802.11be (EHT40)	MIMO	5755	RU484	Left	1	38.280	>=0.5	Pass
		5795	RU484	Left	1	38.276	>=0.5	Pass
802.11be (EHT80)	MIMO	5775	RU996	Left	1	78.307	>=0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	1	20.153	/	Pass
		5200	/	/	1	22.263	/	Pass
		5240	/	/	1	22.300	/	Pass
		5260	/	/	1	22.386	/	Pass
		5300	/	/	1	22.307	/	Pass
		5320	/	/	1	22.255	/	Pass
		5500	/	/	1	22.474	/	Pass
		5580	/	/	1	22.215	/	Pass
		5700	/	/	1	22.327	/	Pass
802.11n (HT20)	MIMO	5180	/	/	1	22.347	/	Pass
		5200	/	/	1	22.313	/	Pass
		5240	/	/	1	22.109	/	Pass
		5260	/	/	1	22.102	/	Pass
		5300	/	/	1	22.340	/	Pass
		5320	/	/	1	22.466	/	Pass
		5500	/	/	1	22.274	/	Pass
		5580	/	/	1	22.247	/	Pass
		5700	/	/	1	22.335	/	Pass
802.11n (HT40)	MIMO	5190	/	/	1	44.786	/	Pass
		5230	/	/	1	44.607	/	Pass
		5270	/	/	1	43.445	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233113

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		5310	/	/	1	45.964	/	Pass
		5510	/	/	1	44.837	/	Pass
		5550	/	/	1	45.885	/	Pass
		5670	/	/	1	44.714	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	22.352	/	Pass
		5200	/	/	1	22.129	/	Pass
		5240	/	/	1	22.340	/	Pass
		5260	/	/	1	22.259	/	Pass
		5300	/	/	1	22.055	/	Pass
		5320	/	/	1	22.243	/	Pass
		5500	/	/	1	21.933	/	Pass
		5580	/	/	1	22.190	/	Pass
802.11ac (VHT40)	MIMO	5700	/	/	1	22.203	/	Pass
		5190	/	/	1	45.264	/	Pass
		5230	/	/	1	45.100	/	Pass
		5270	/	/	1	45.580	/	Pass
		5310	/	/	1	46.090	/	Pass
		5510	/	/	1	44.739	/	Pass
		5550	/	/	1	44.744	/	Pass
802.11ac (VHT80)	MIMO	5670	/	/	1	45.110	/	Pass
		5210	/	/	1	91.081	/	Pass
		5290	/	/	1	92.041	/	Pass
		5530	/	/	1	91.129	/	Pass
802.11ac (VHT160)	MIMO	5610	/	/	1	92.747	/	Pass
		5570	/	/	1	286.340	/	Pass
802.11ax (HEW20)	MIMO	5250	/	/	1	246.983	/	Pass
		5180	RU242	Left	1	21.806	/	Pass
		5200	RU242	Left	1	22.802	/	Pass
		5240	RU242	Left	1	22.239	/	Pass
		5260	RU242	Left	1	22.083	/	Pass
		5300	RU242	Left	1	21.801	/	Pass
		5320	RU242	Left	1	22.121	/	Pass
		5500	RU242	Left	1	22.783	/	Pass
802.11ax (HEW40)	MIMO	5580	RU242	Left	1	22.272	/	Pass
		5700	RU242	Left	1	22.187	/	Pass
		5190	RU484	Left	1	44.838	/	Pass
		5230	RU484	Left	1	45.069	/	Pass
		5270	RU484	Left	1	42.838	/	Pass
		5310	RU484	Left	1	43.641	/	Pass
		5510	RU484	Left	1	43.384	/	Pass
802.11ax (HEW80)	MIMO	5550	RU484	Left	1	43.976	/	Pass
		5670	RU484	Left	1	43.192	/	Pass
		5210	RU996	Left	1	86.672	/	Pass
		5290	RU996	Left	1	88.767	/	Pass
802.11ax	MIMO	5530	RU996	Left	1	100.400	/	Pass
		5610	RU996	Left	1	87.021	/	Pass
802.11ax	MIMO	5570	2xRU996	Left	1	170.982	/	Pass



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SZEMC-TRF-01 Rev. A/1

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(HEW160)		5250	2xRU996	Left	1	171.564	/	Pass
802.11be (EHT20)	MIMO	5180	RU242	Left	1	21.923	/	Pass
		5200	RU242	Left	1	22.736	/	Pass
		5240	RU242	Left	1	22.125	/	Pass
		5260	RU242	Left	1	22.020	/	Pass
		5300	RU242	Left	1	22.275	/	Pass
		5320	RU242	Left	1	22.502	/	Pass
		5500	RU242	Left	1	22.271	/	Pass
		5580	RU242	Left	1	22.429	/	Pass
		5700	RU242	Left	1	22.140	/	Pass
802.11be (EHT40)	MIMO	5190	RU484	Left	1	43.746	/	Pass
		5230	RU484	Left	1	44.193	/	Pass
		5270	RU484	Left	1	42.954	/	Pass
		5310	RU484	Left	1	44.504	/	Pass
		5510	RU484	Left	1	43.683	/	Pass
		5550	RU484	Left	1	44.441	/	Pass
		5670	RU484	Left	1	43.723	/	Pass
802.11be (EHT80)	MIMO	5210	RU996	Left	1	89.262	/	Pass
		5290	RU996	Left	1	87.657	/	Pass
		5530	RU996	Left	1	87.357	/	Pass
		5610	RU996	Left	1	87.688	/	Pass
802.11be (EHT160)	MIMO	5570	2xRU996	Left	1	235.161	/	Pass
		5250	2xRU996	Left	1	221.205	/	Pass



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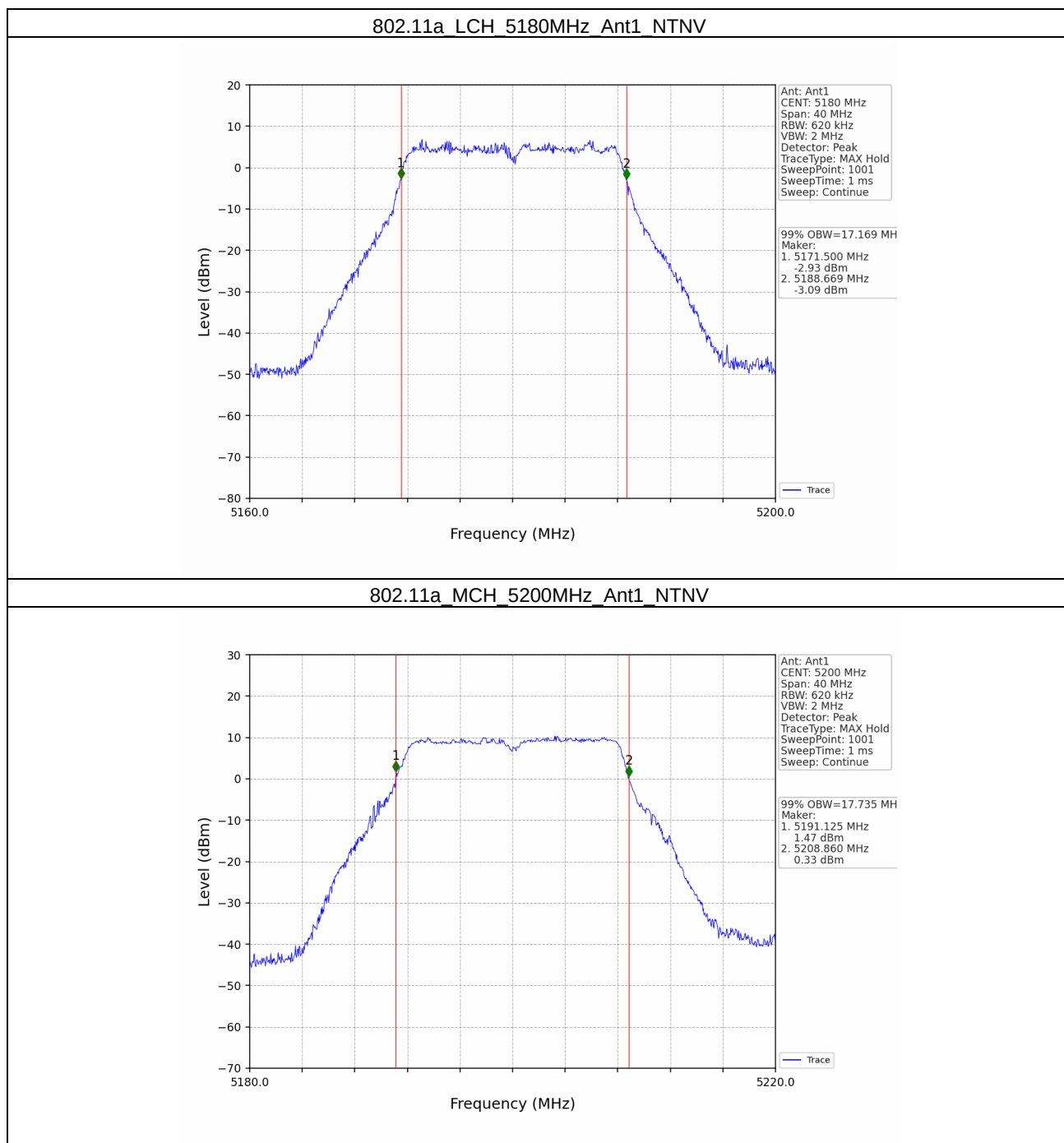
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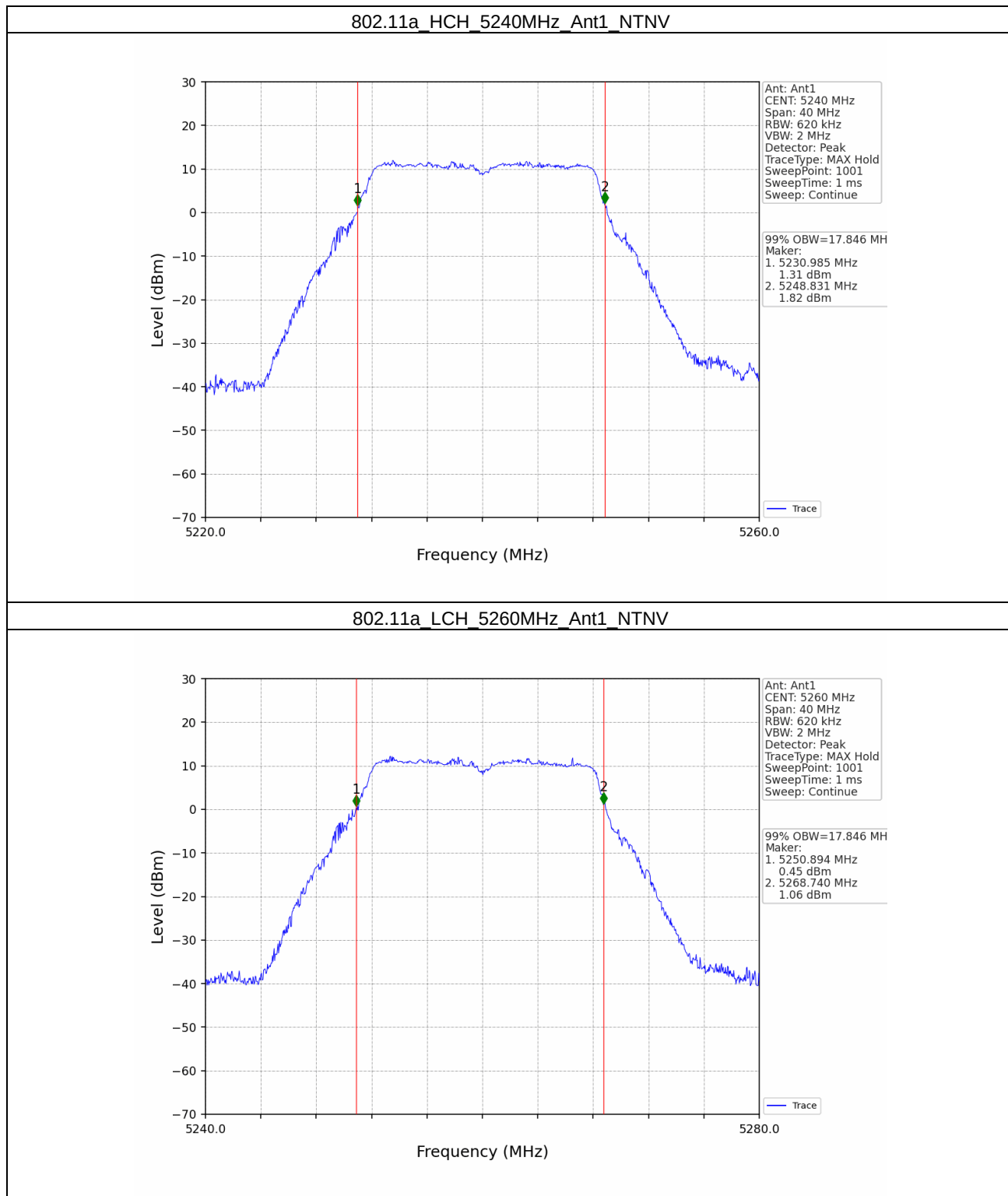
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2.2 Test Graph

2.2.1 OBW



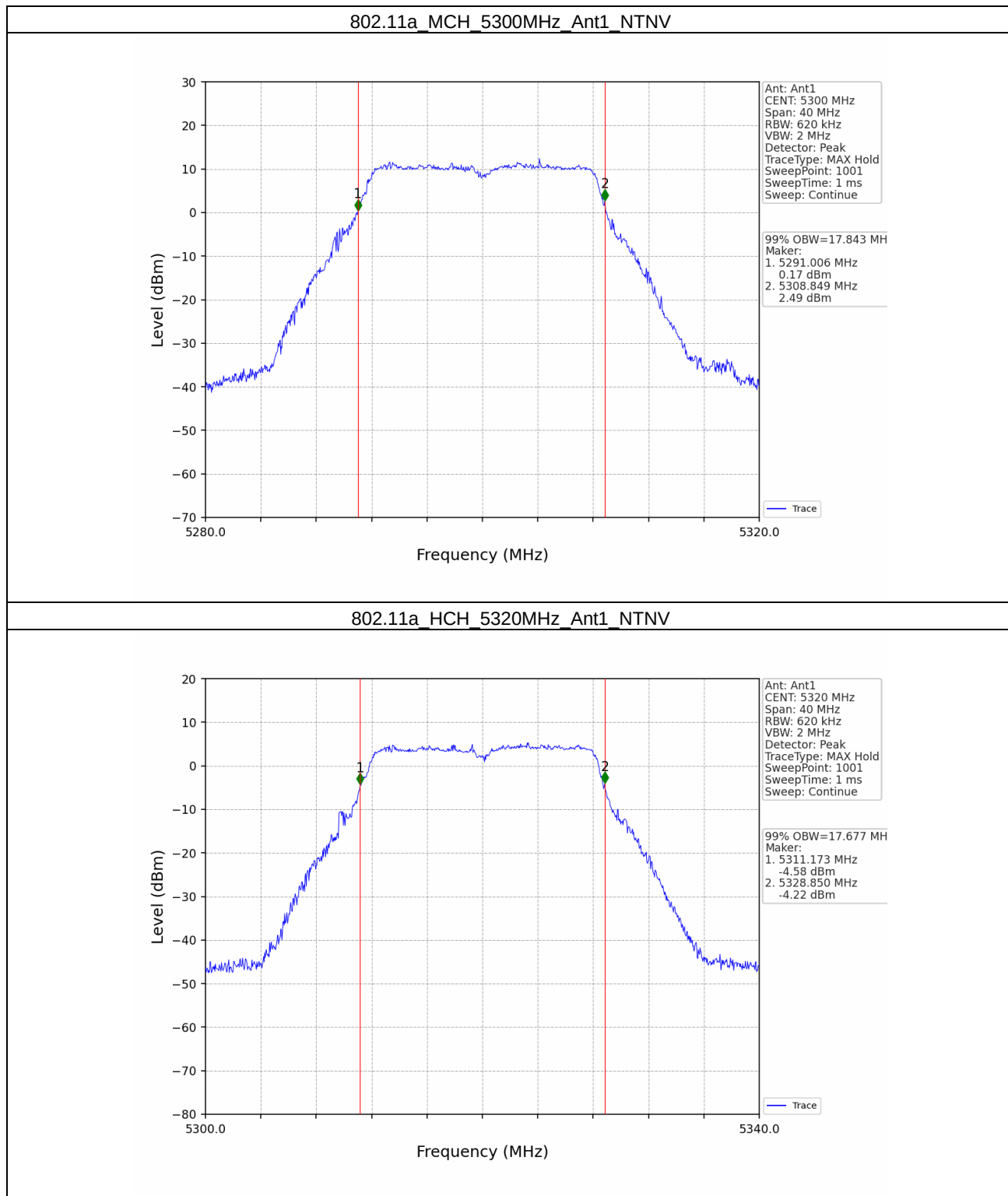


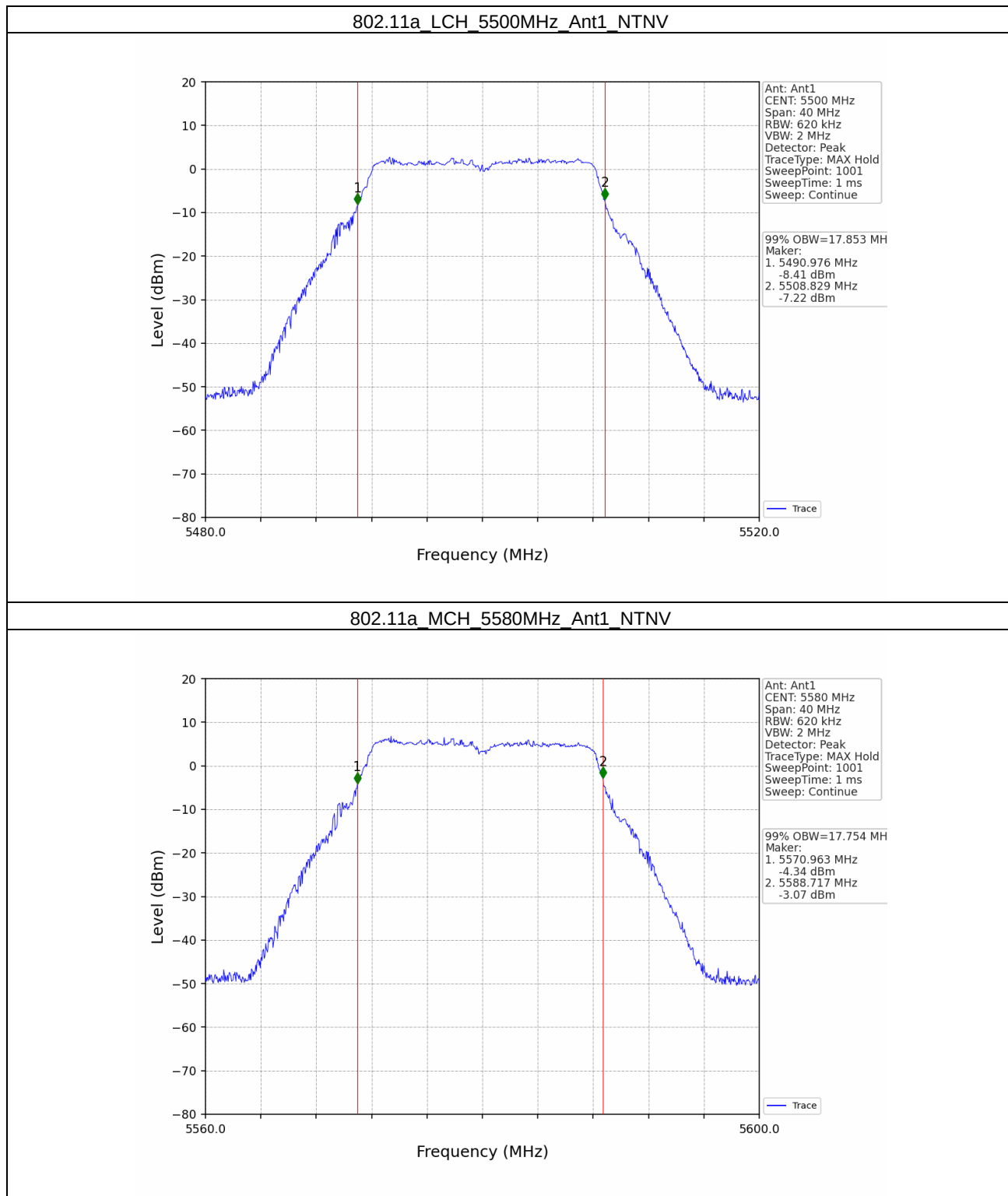
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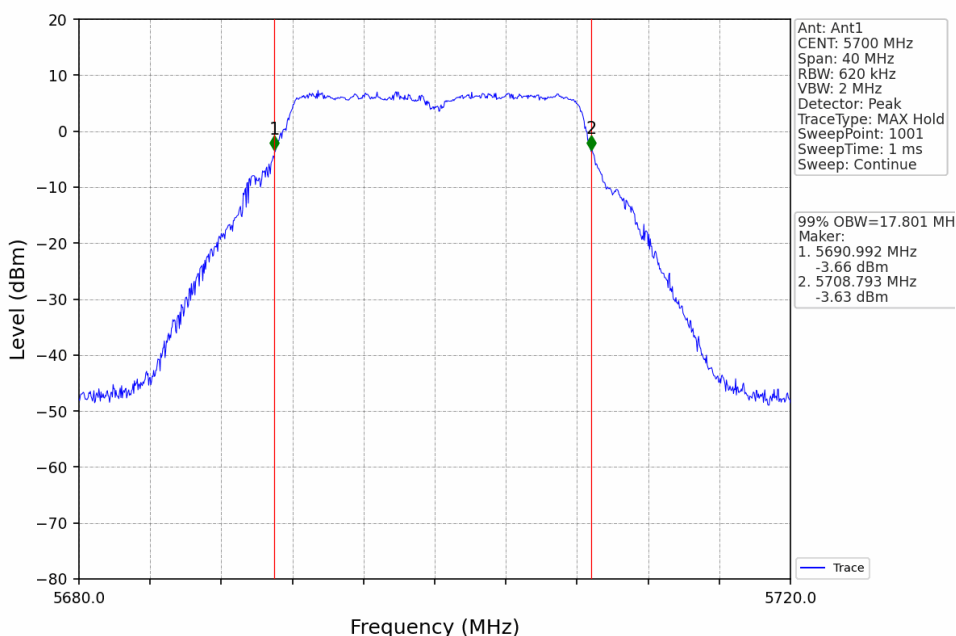
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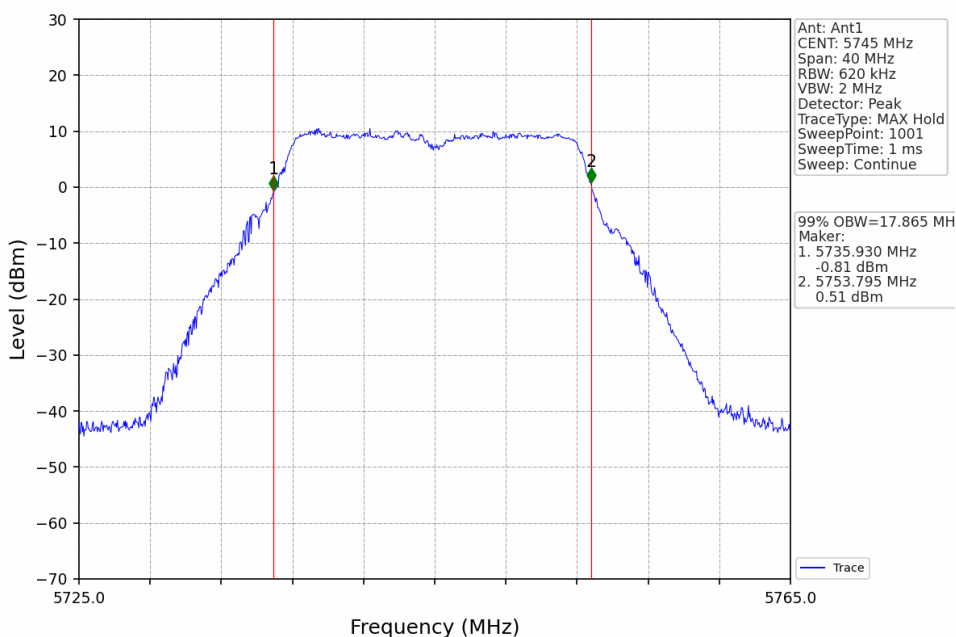




802.11a_HCH_5700MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV

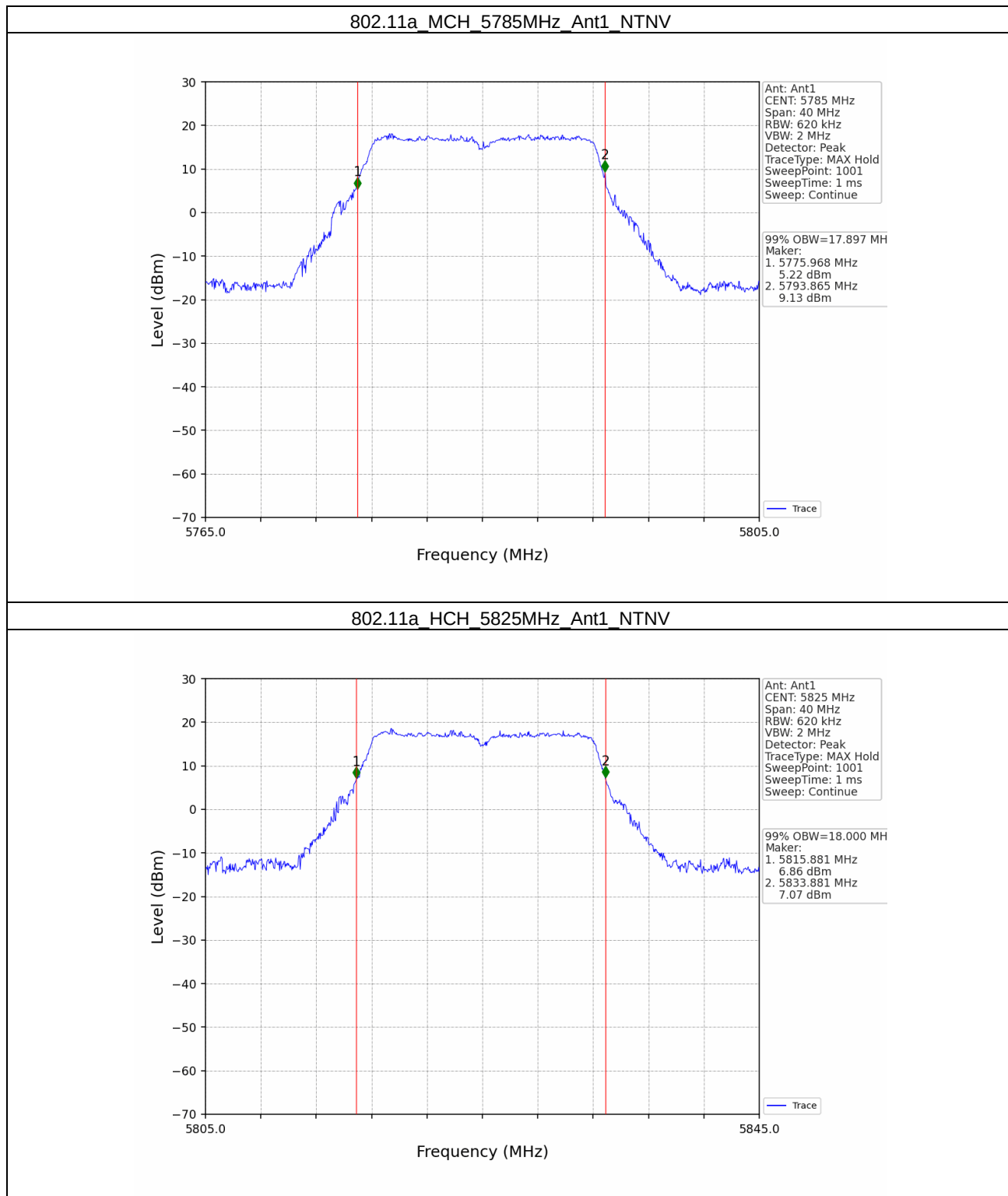


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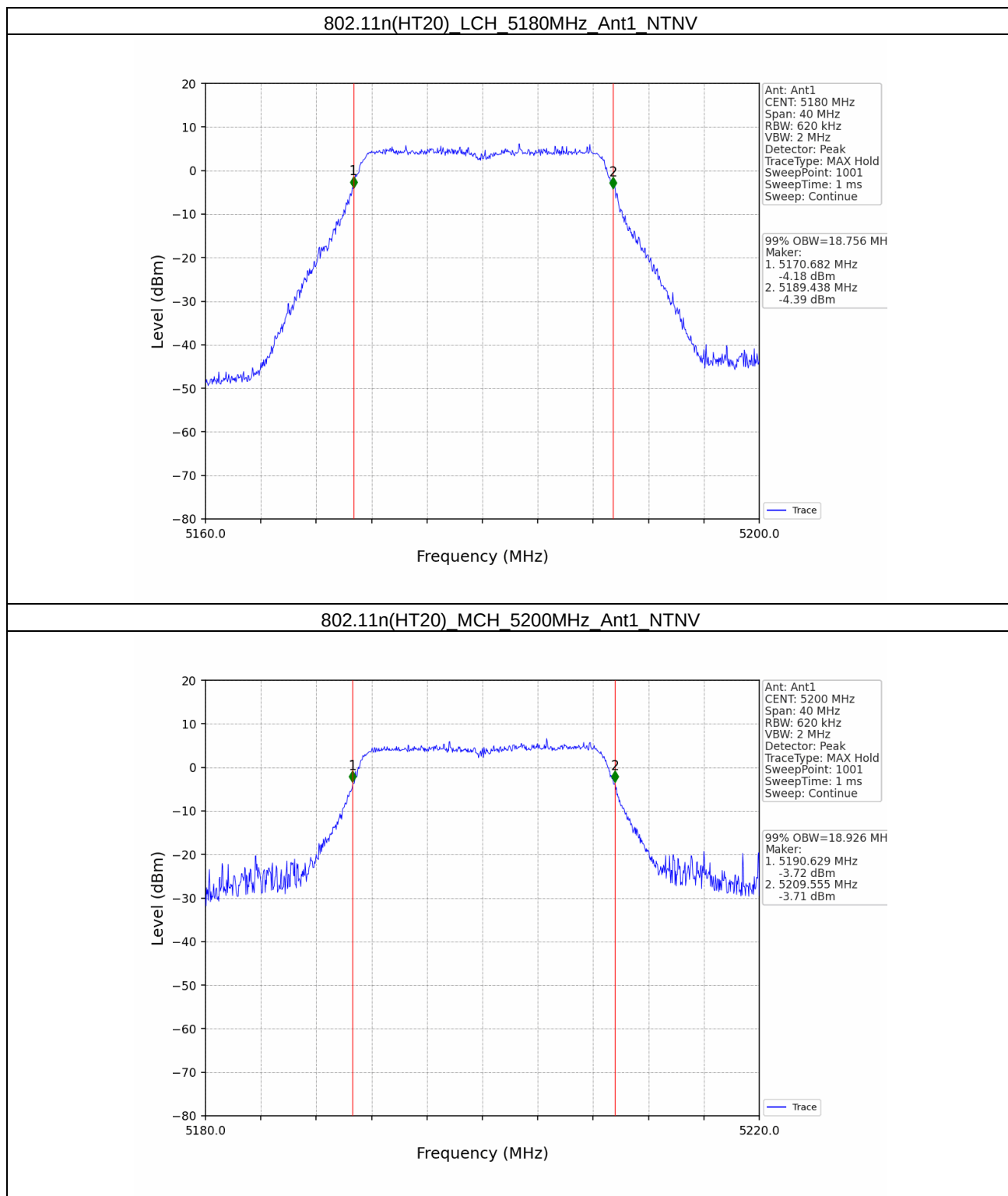


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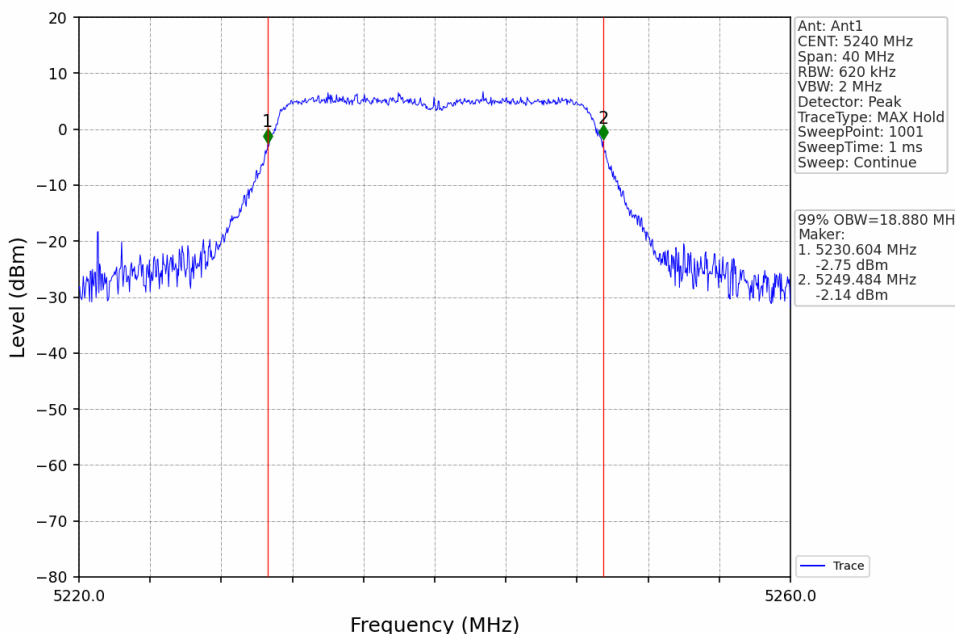
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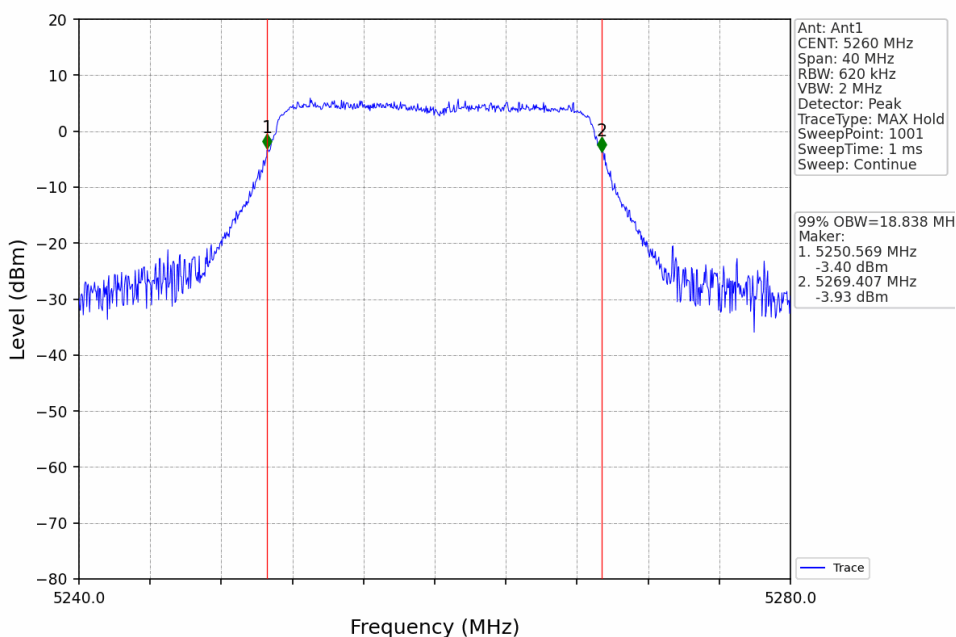
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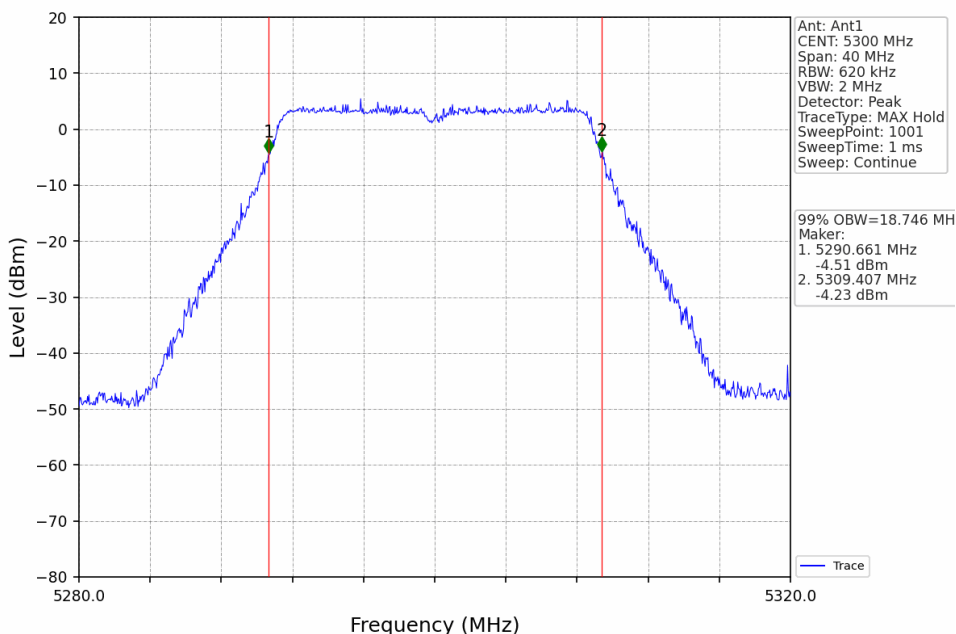
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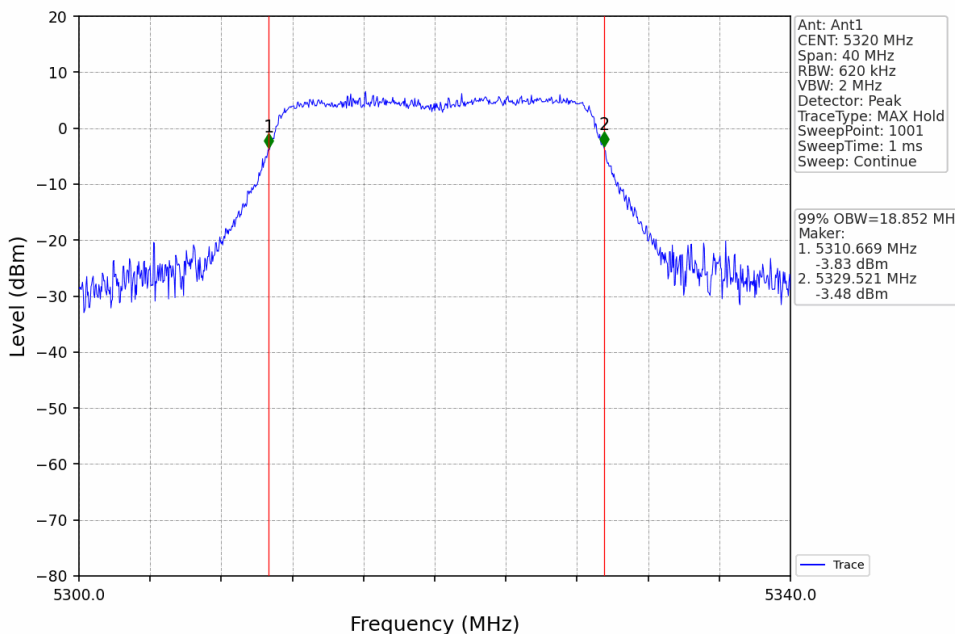
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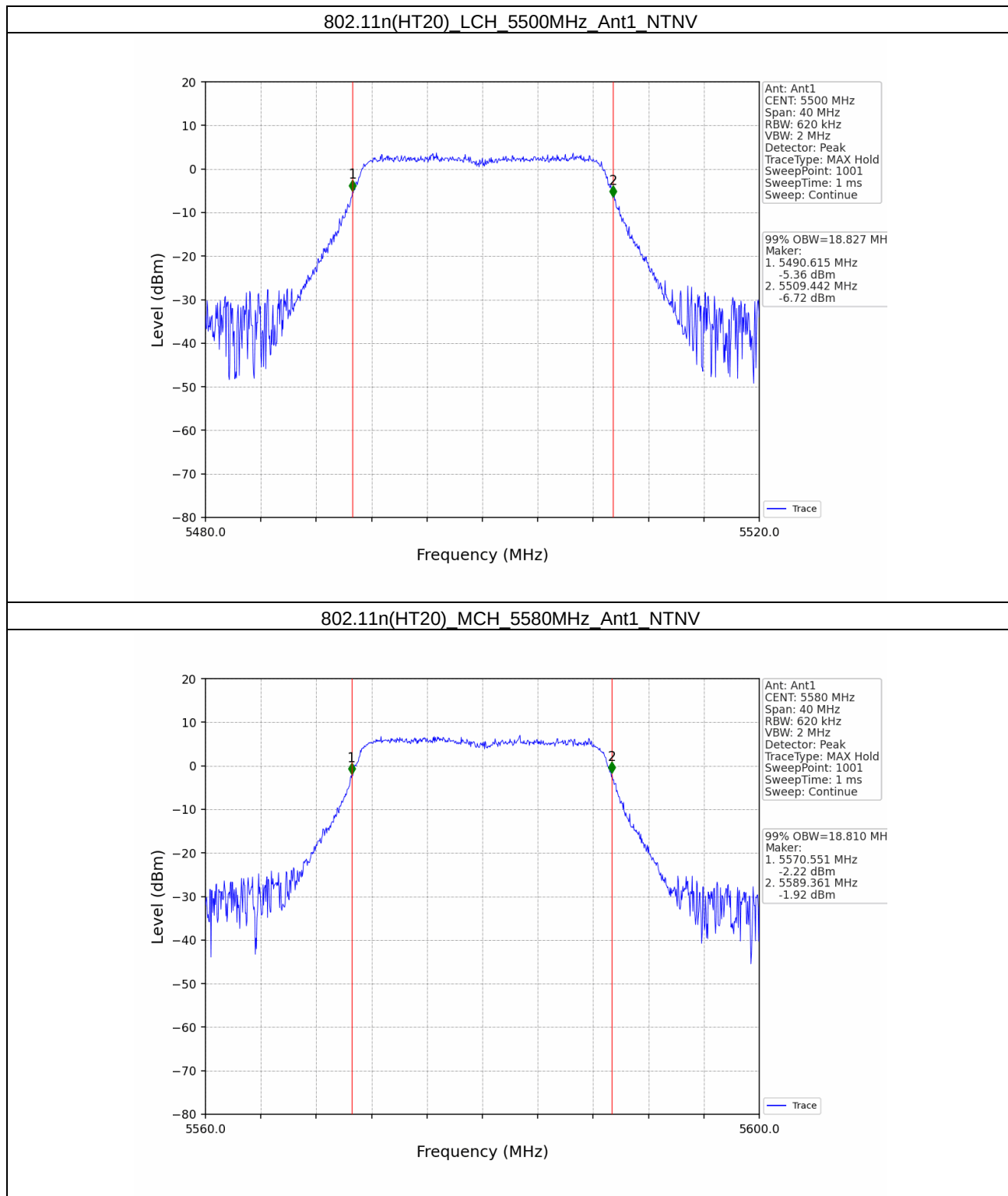


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

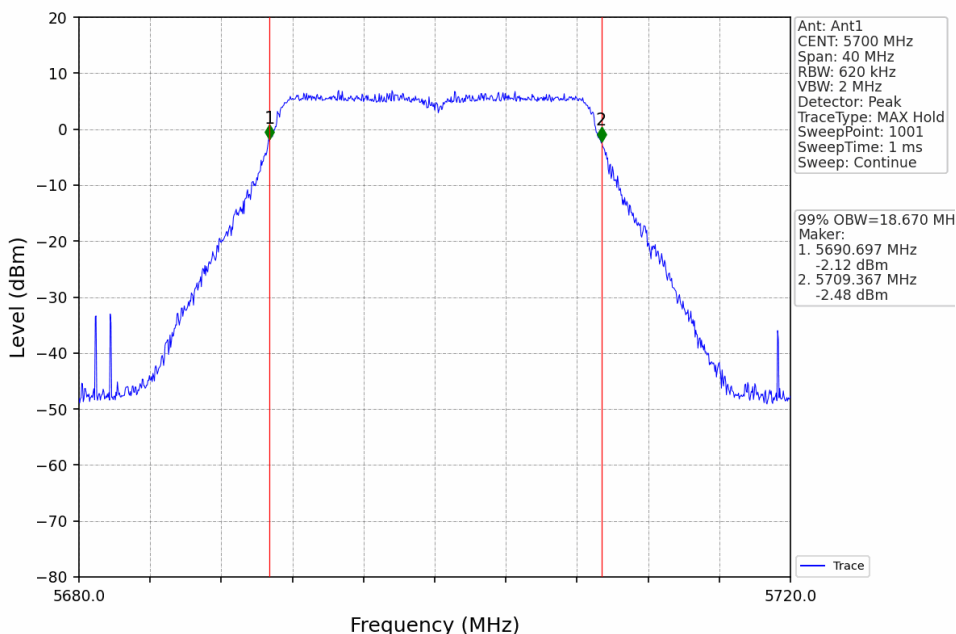


802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

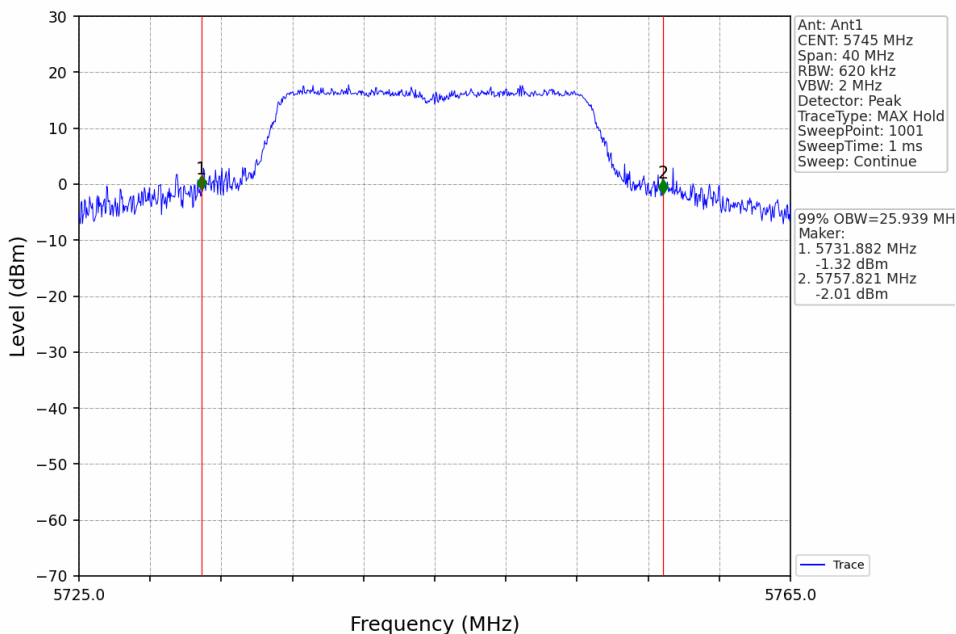




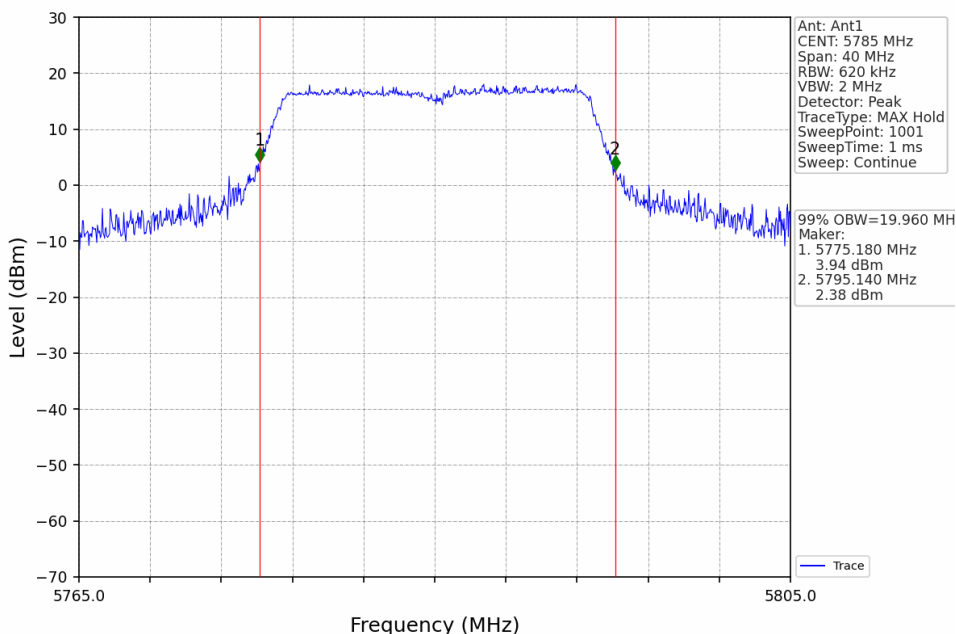
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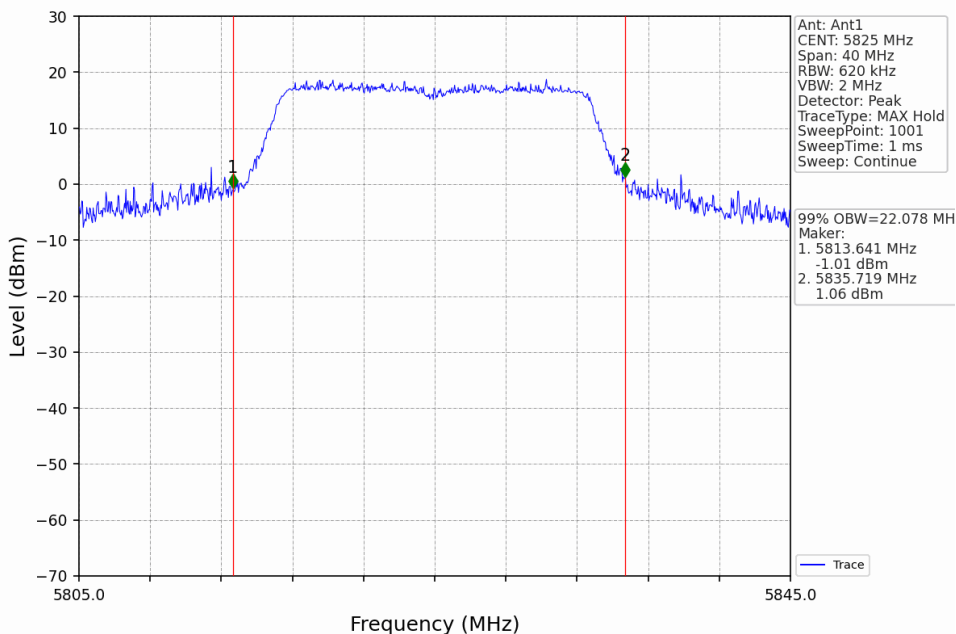
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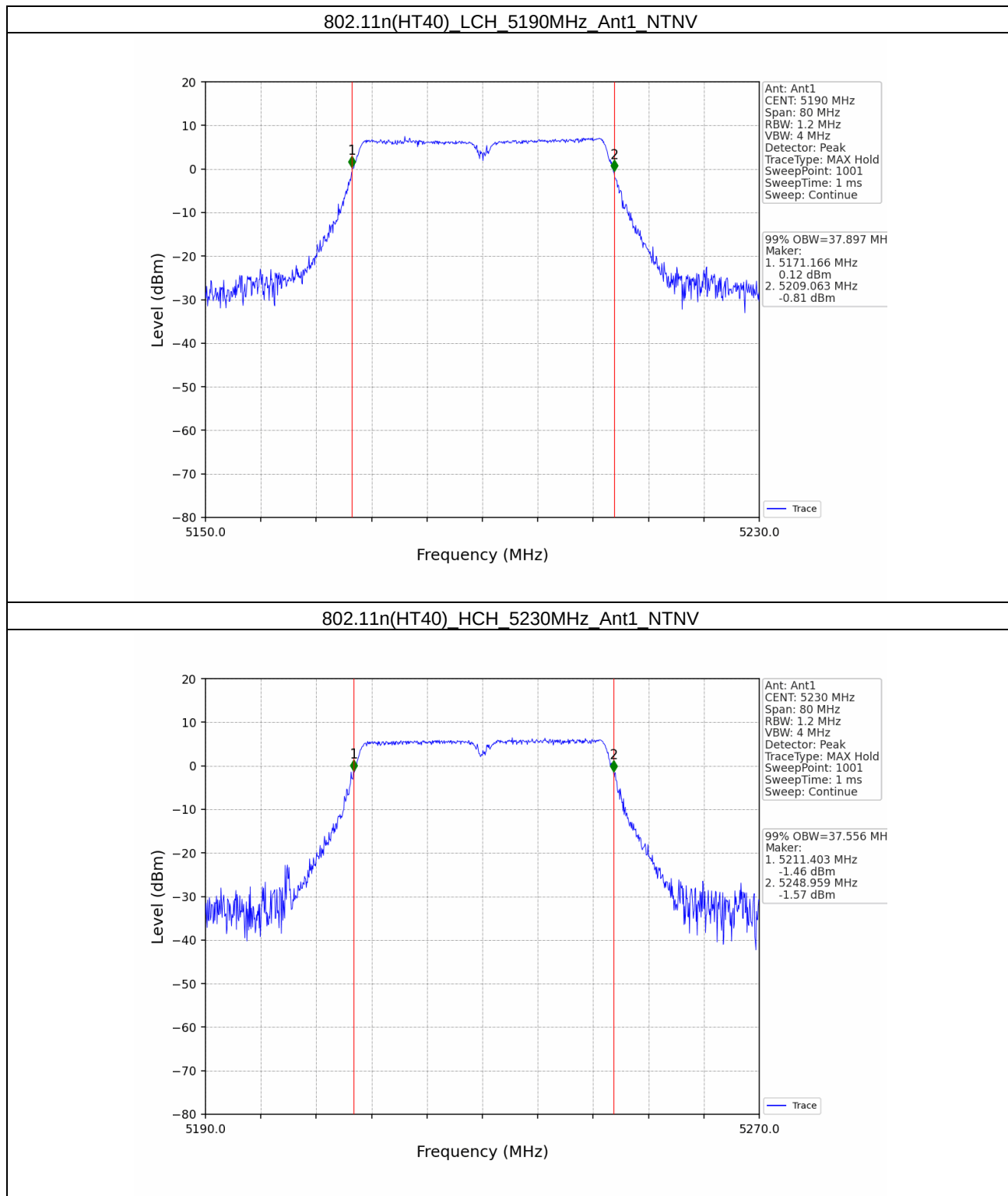


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



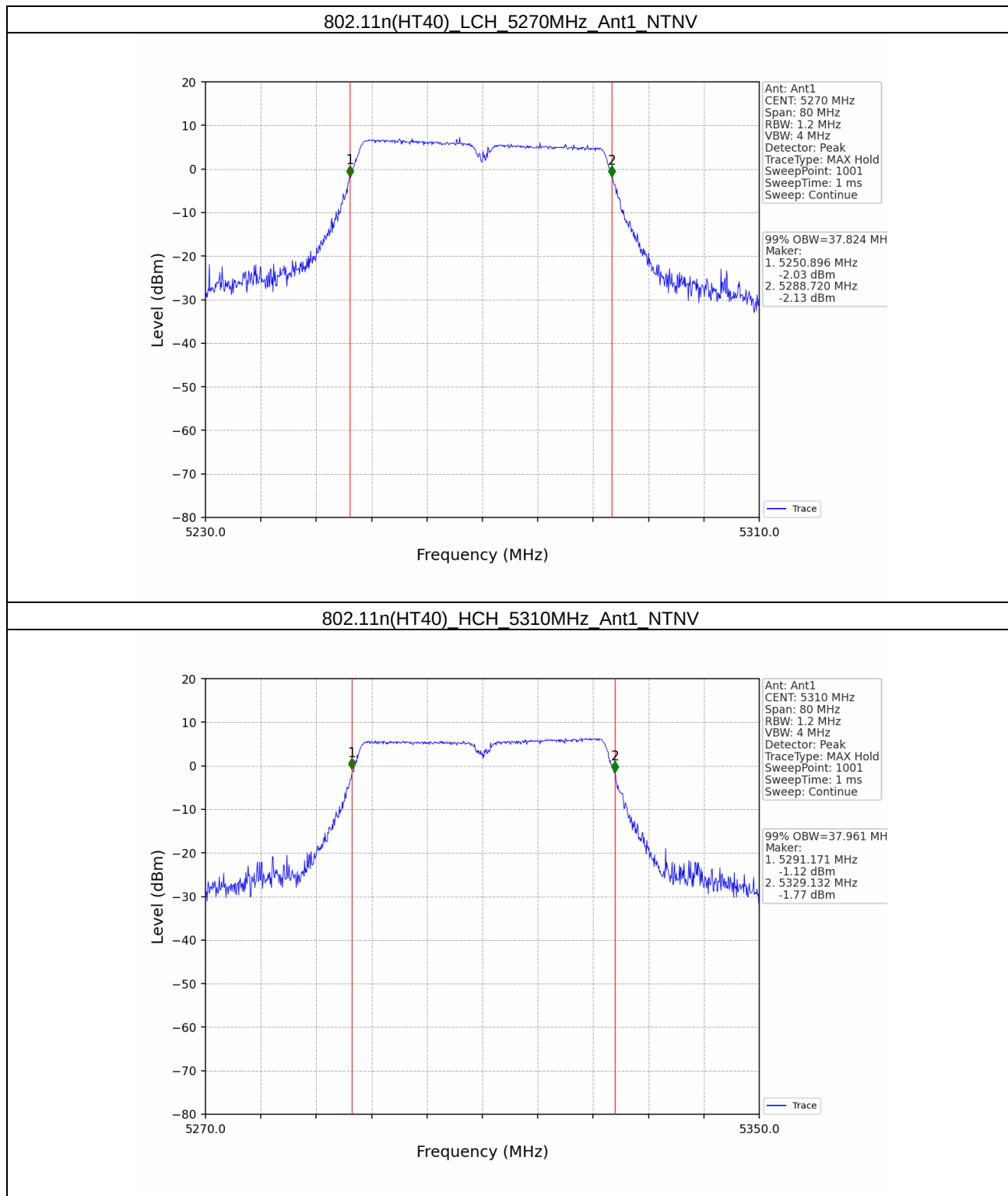


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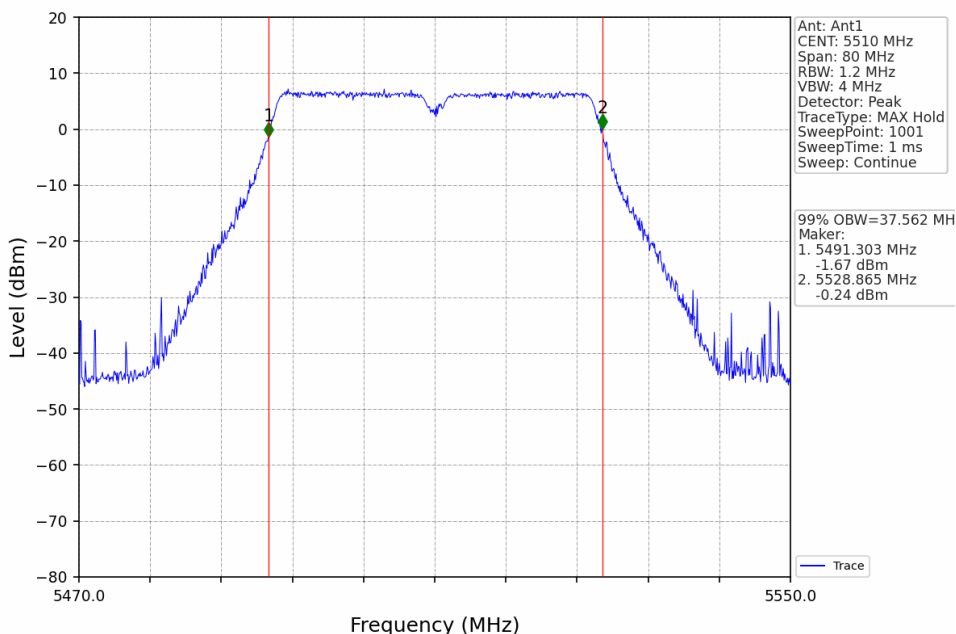
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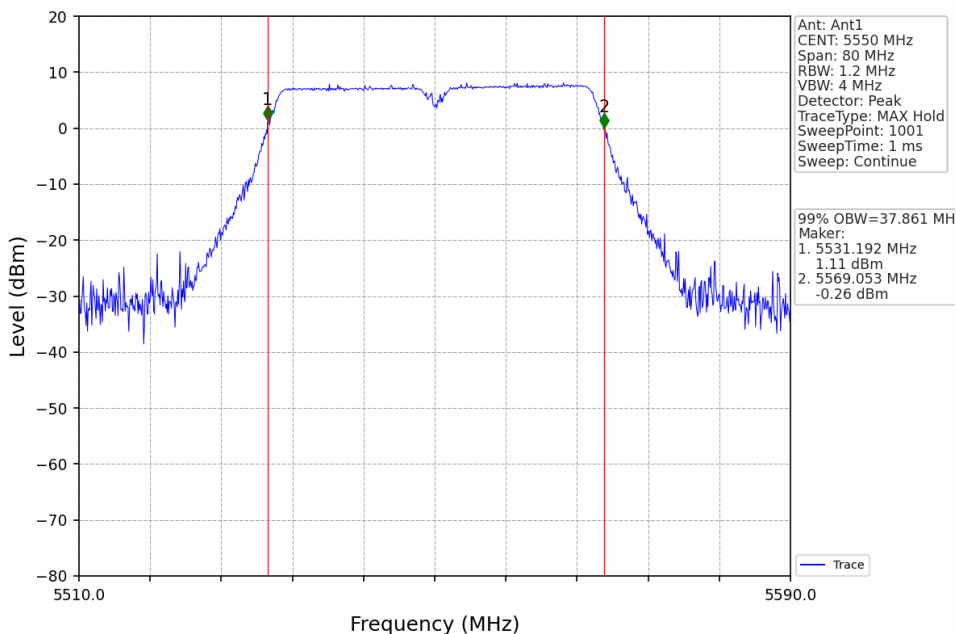
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802.11n(HT40) LCH 5510MHz_Ant1_NTNV



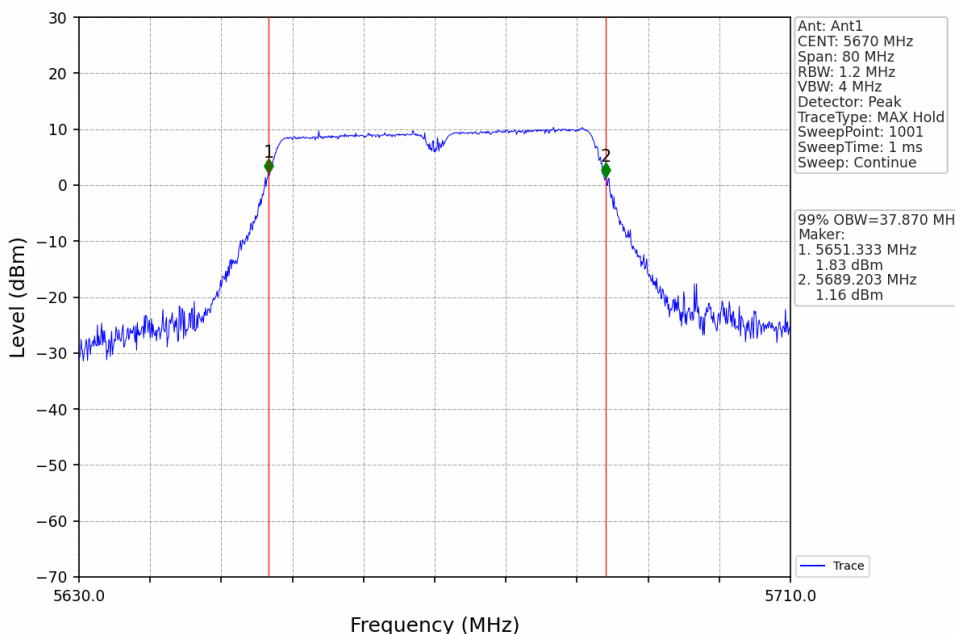
802.11n(HT40) MCH 5550MHz_Ant1_NTNV



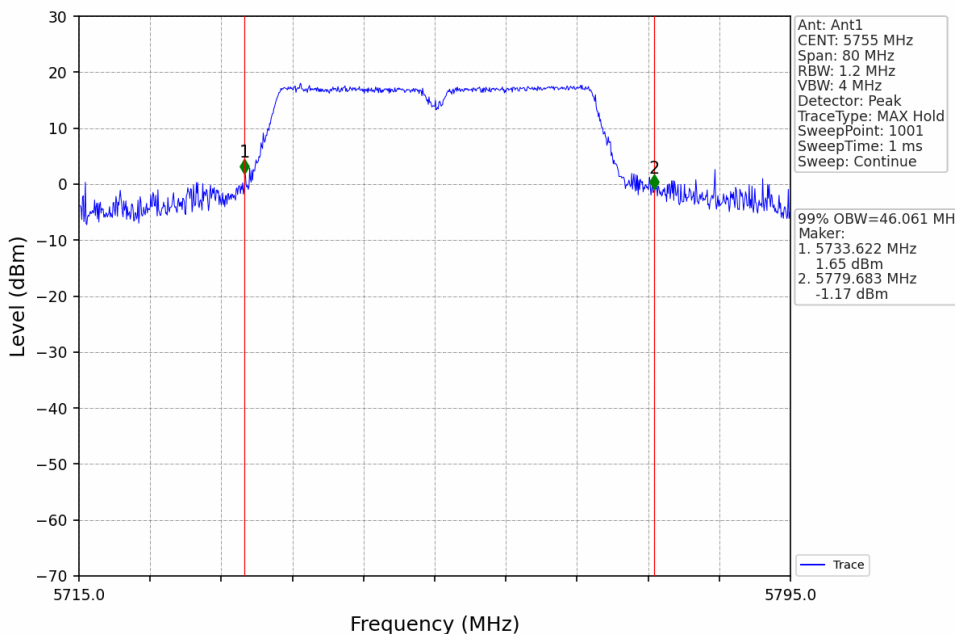
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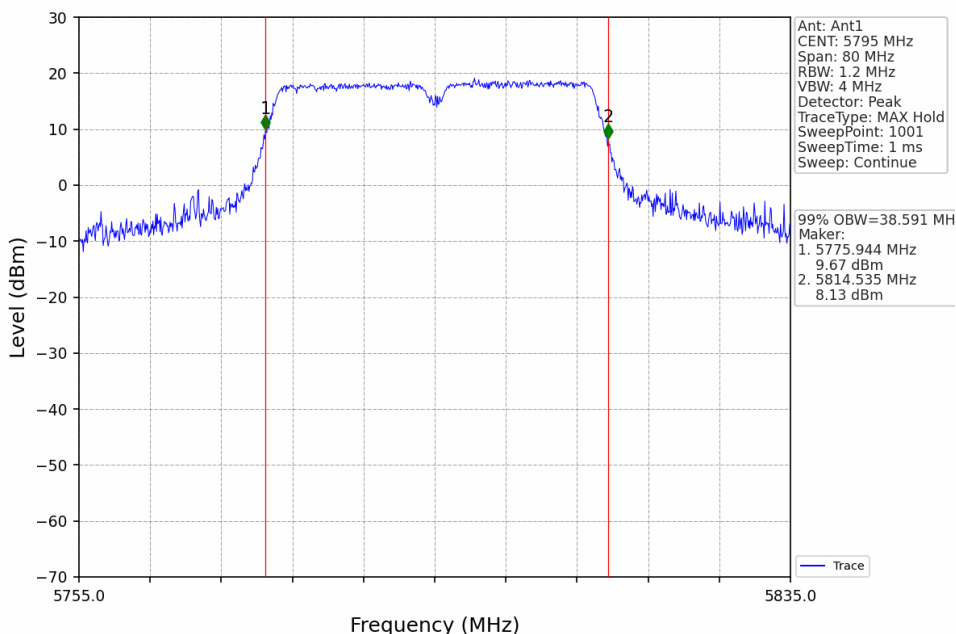
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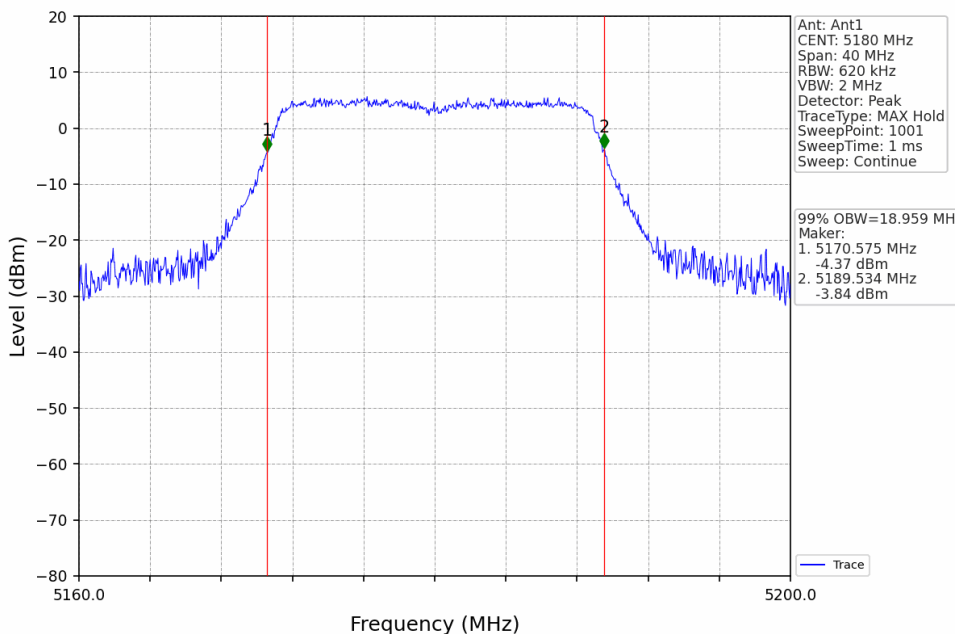
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802.11n(HT40)_HCH 5795MHz_Ant1_NTNV



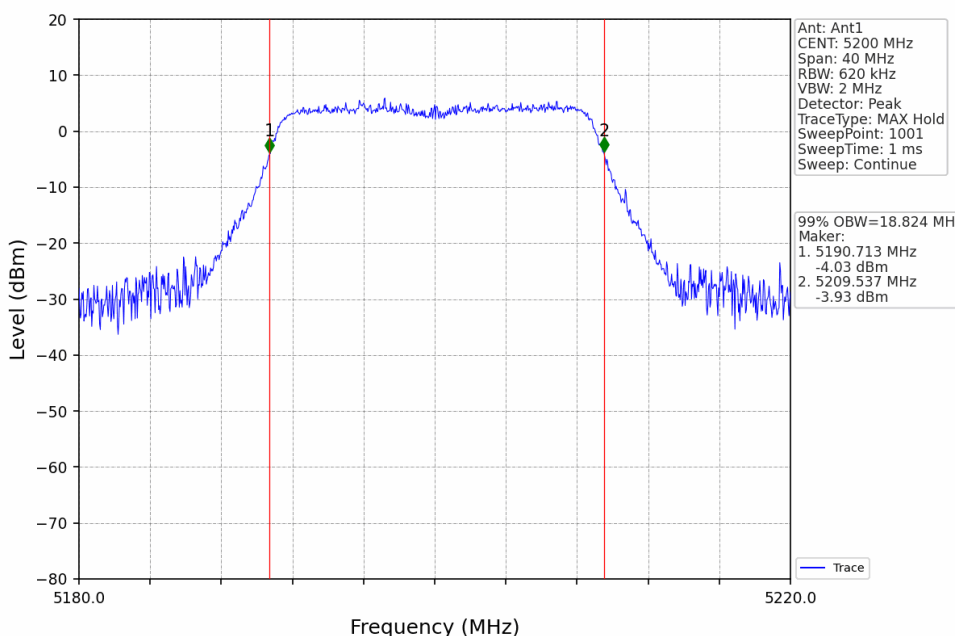
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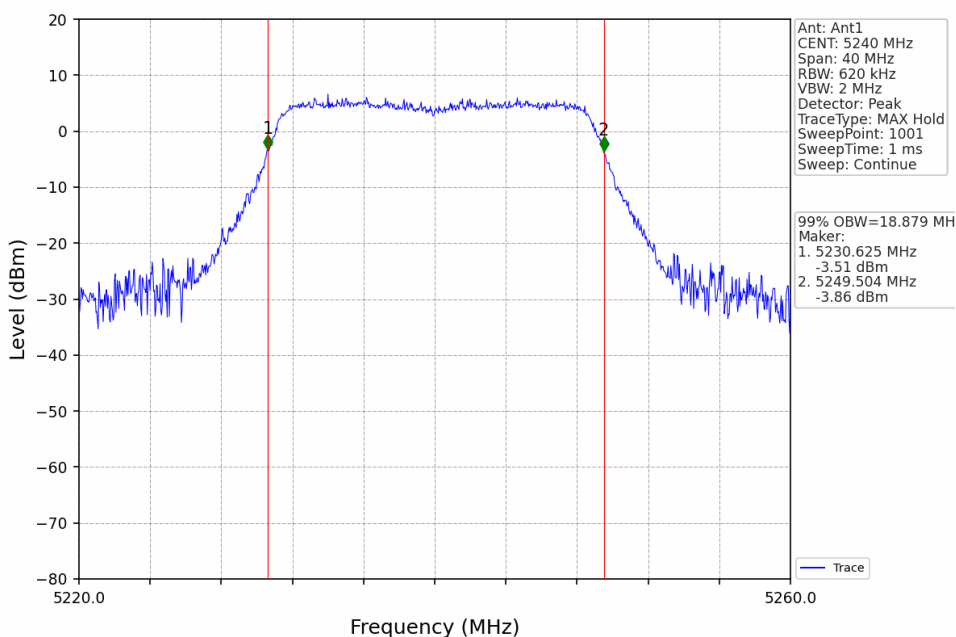
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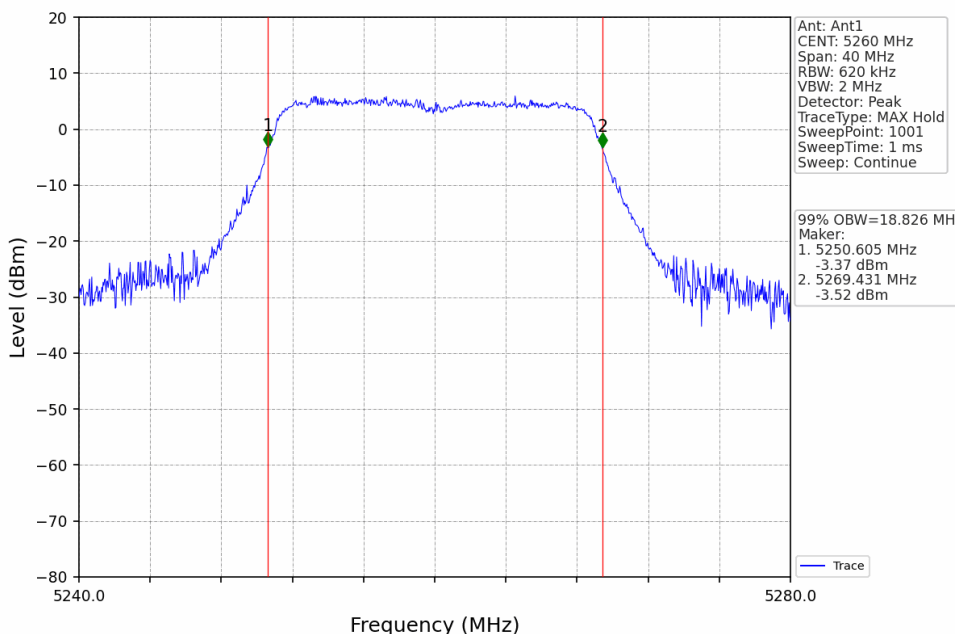
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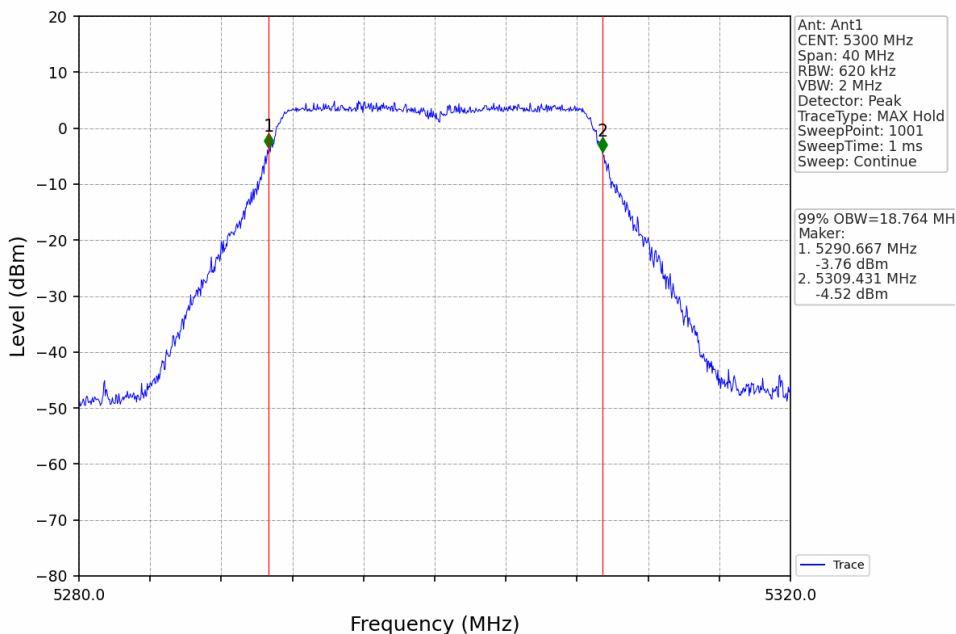
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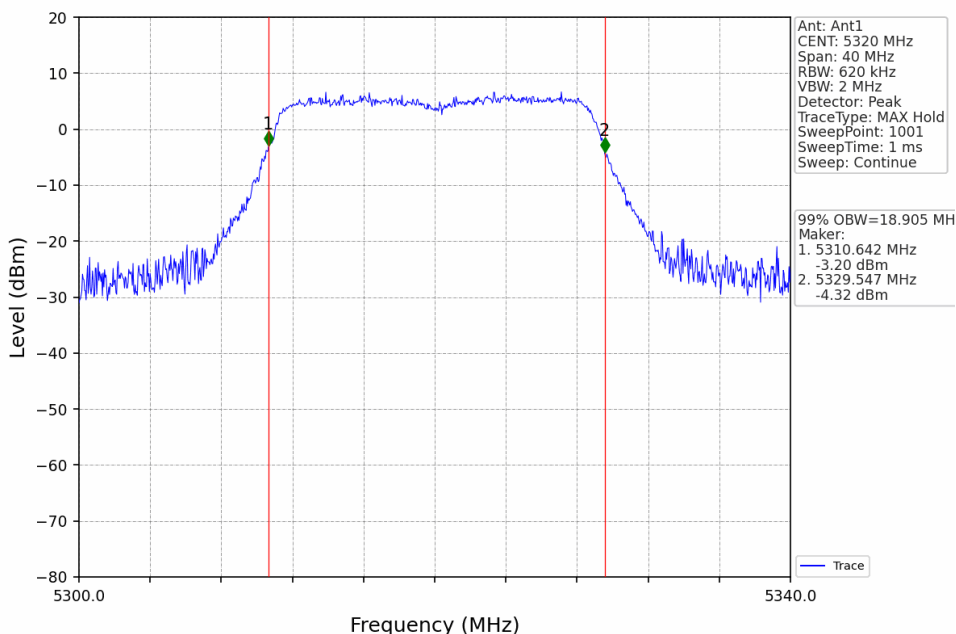
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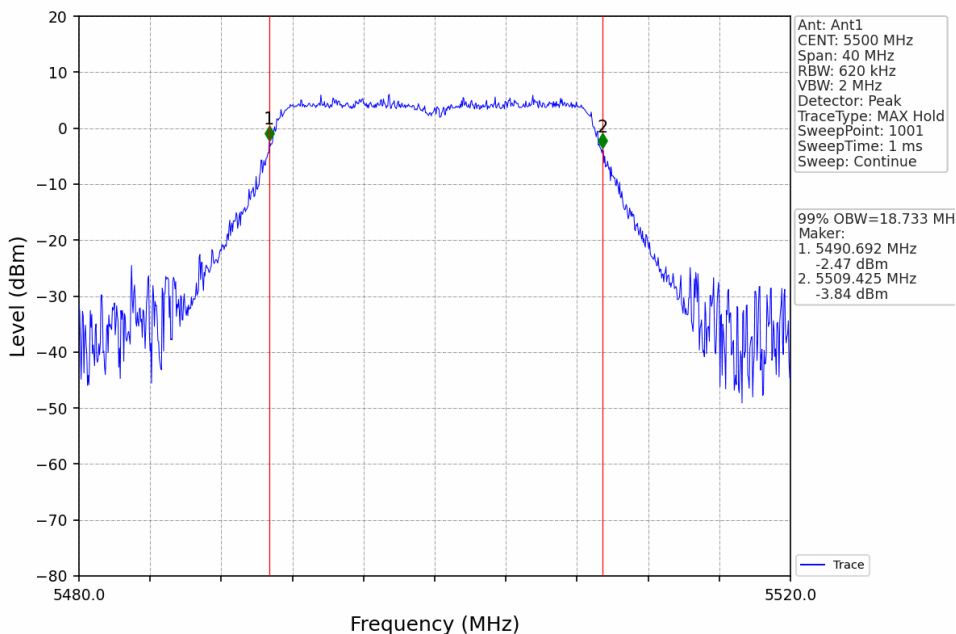
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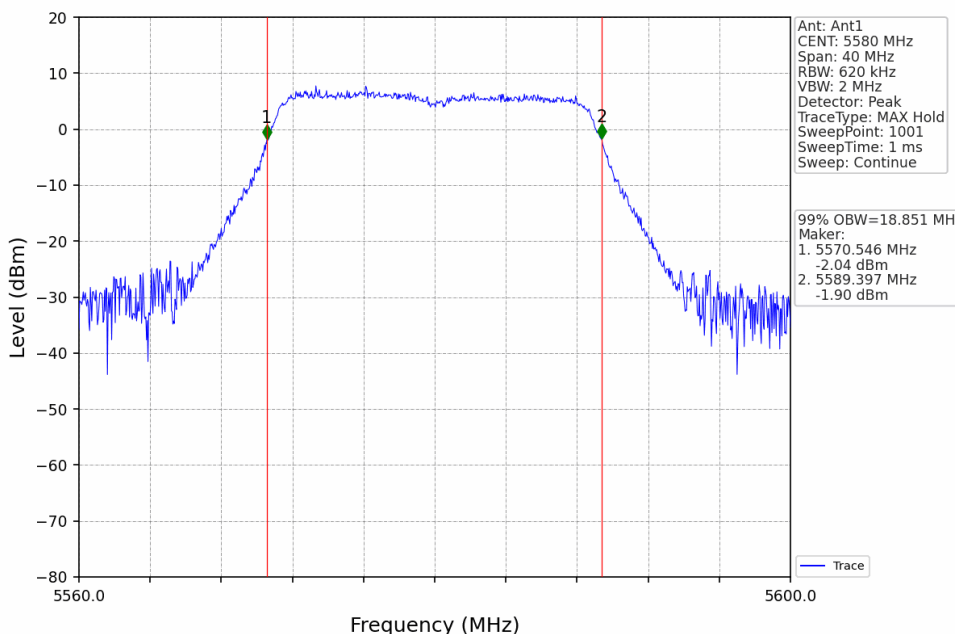
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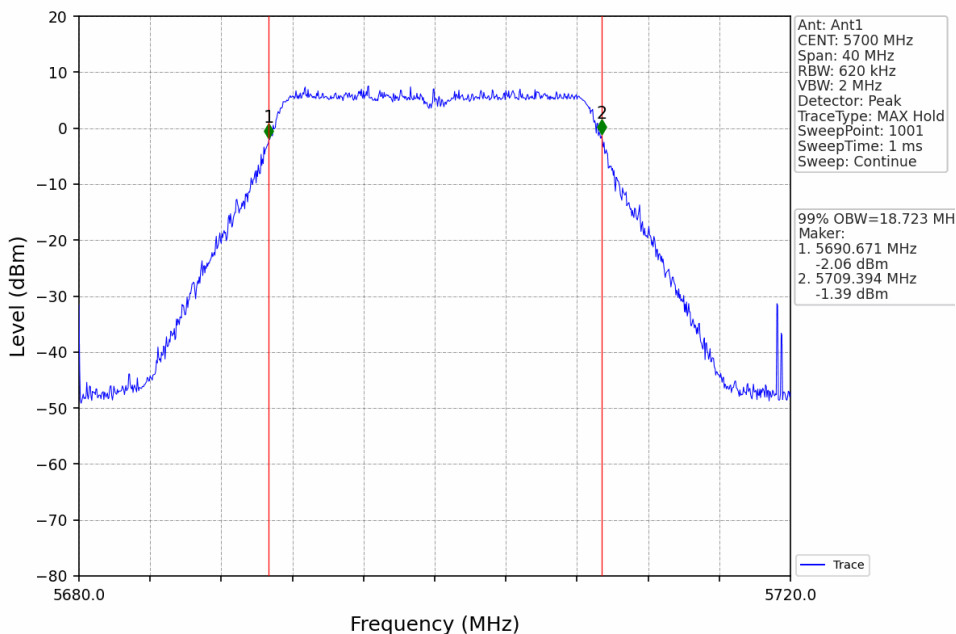
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



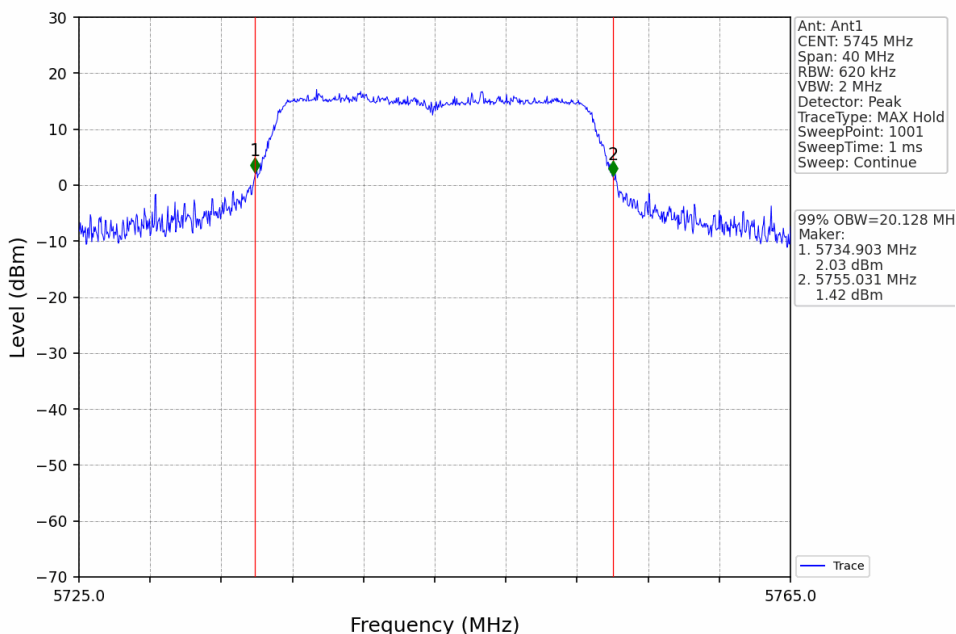
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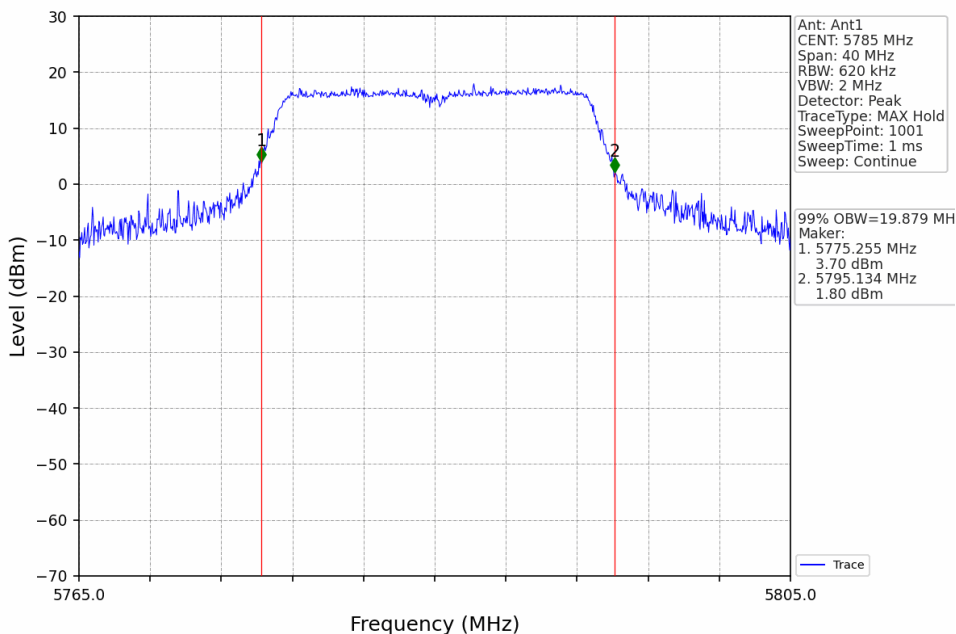
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802.11ac(VHT20) LCH 5745MHz Ant1 NTNV



802.11ac(VHT20) MCH 5785MHz Ant1 NTNV



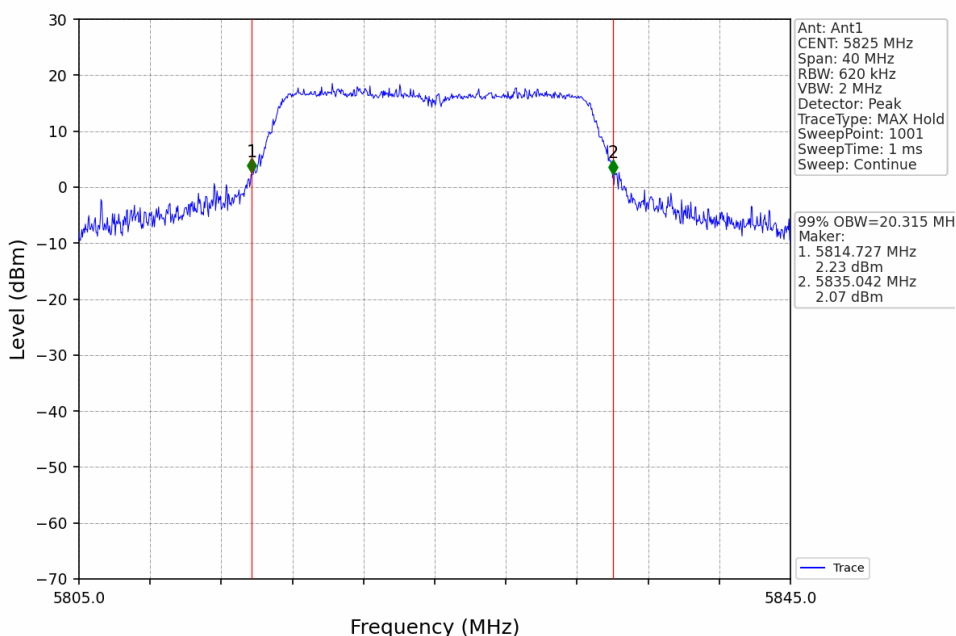
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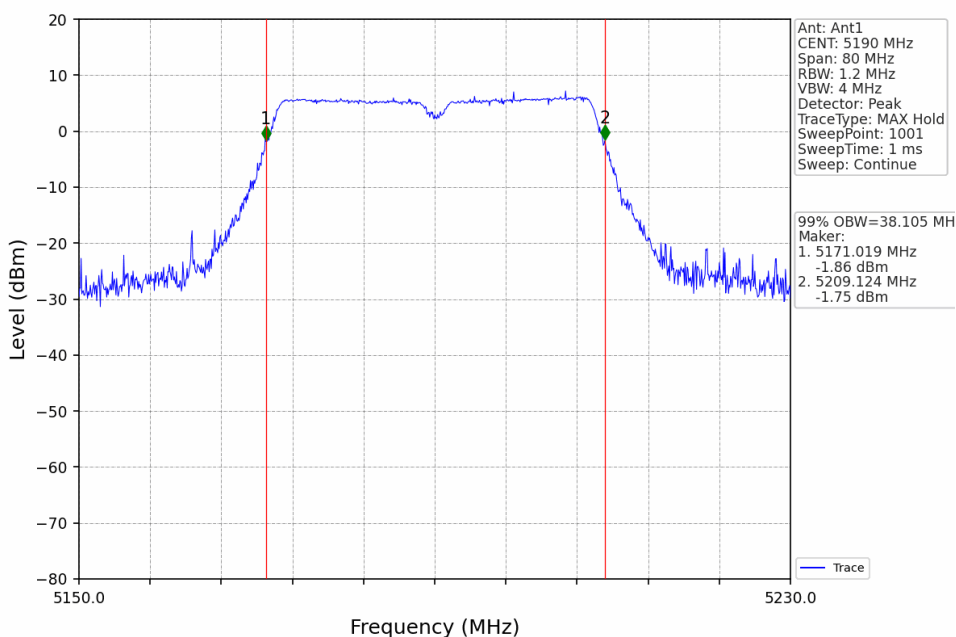
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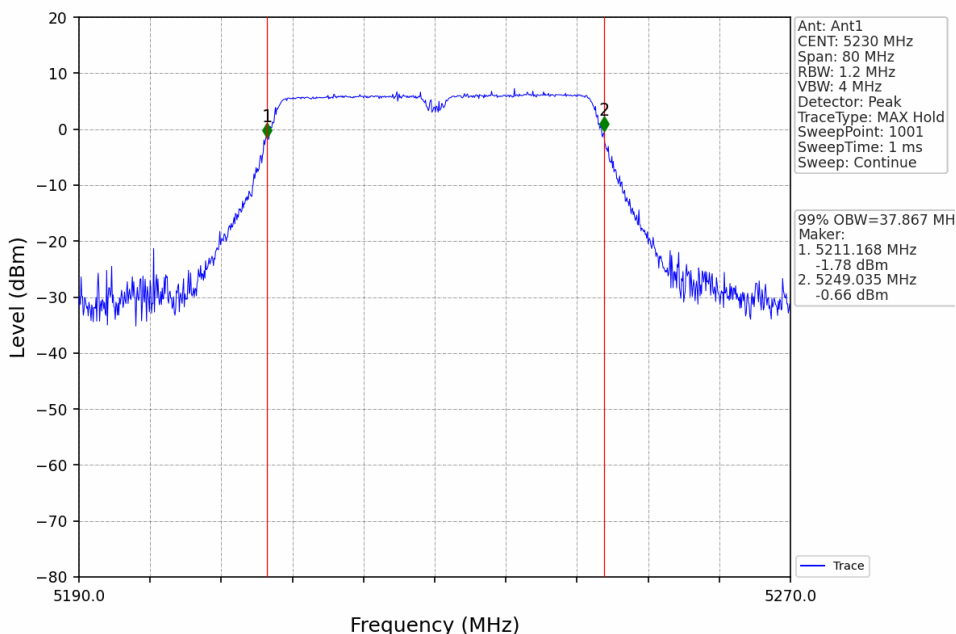
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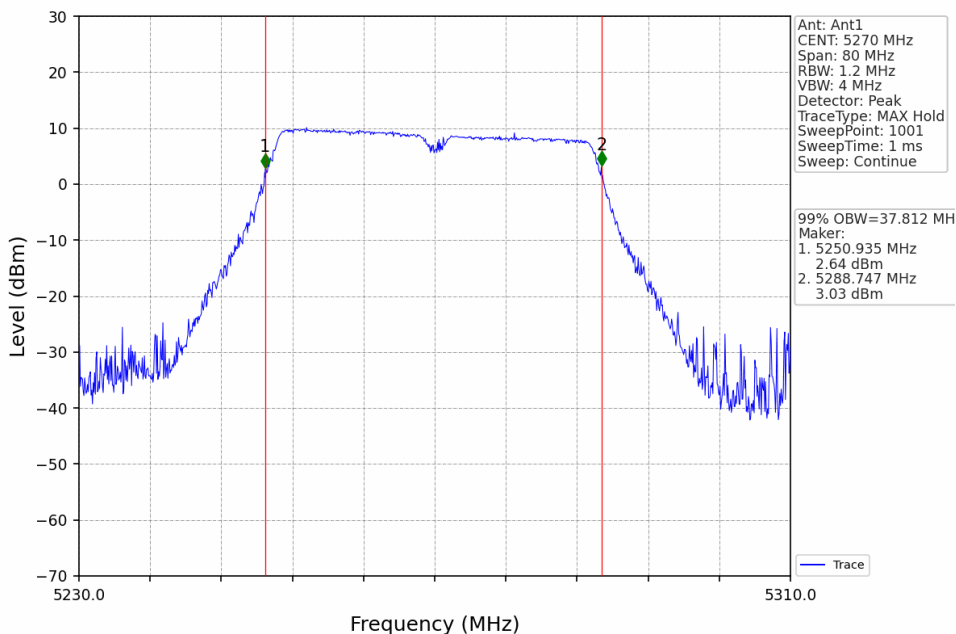
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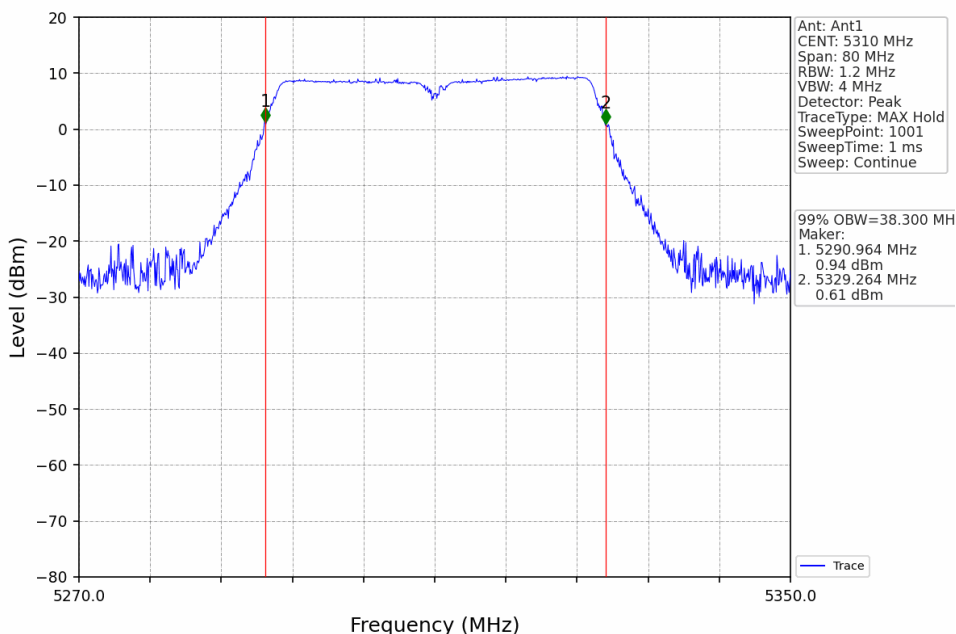
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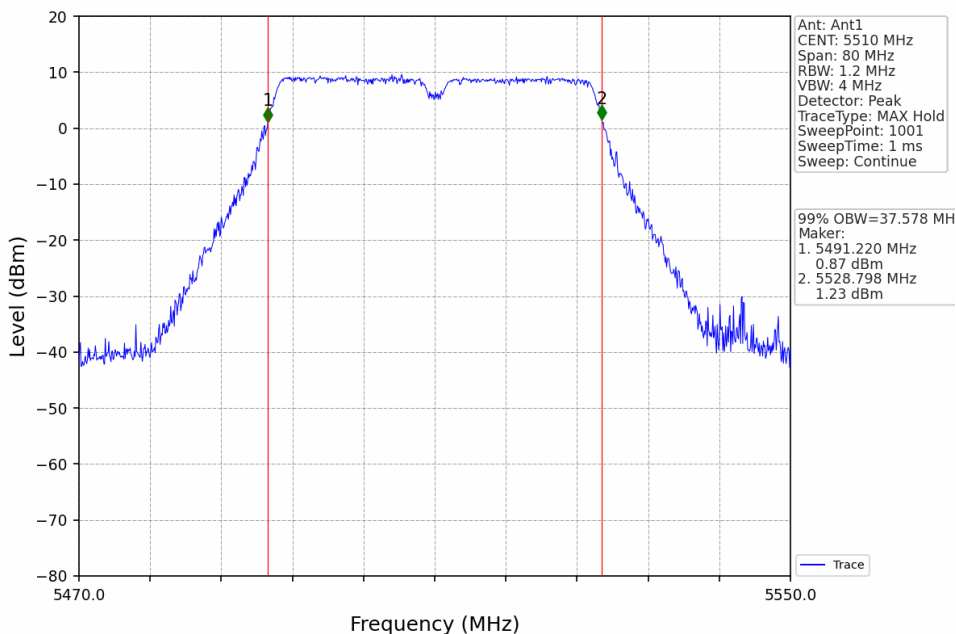
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802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



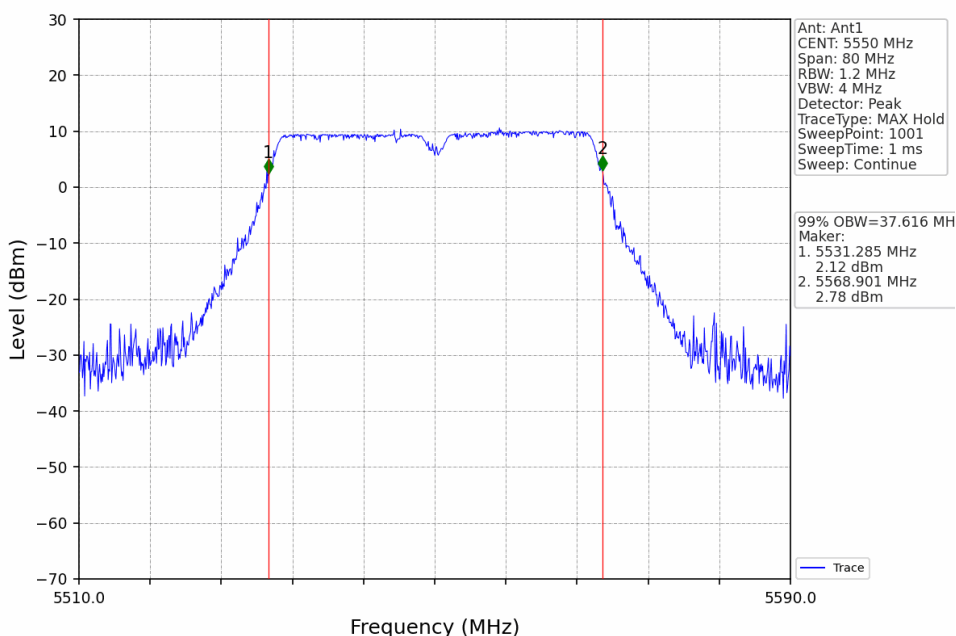
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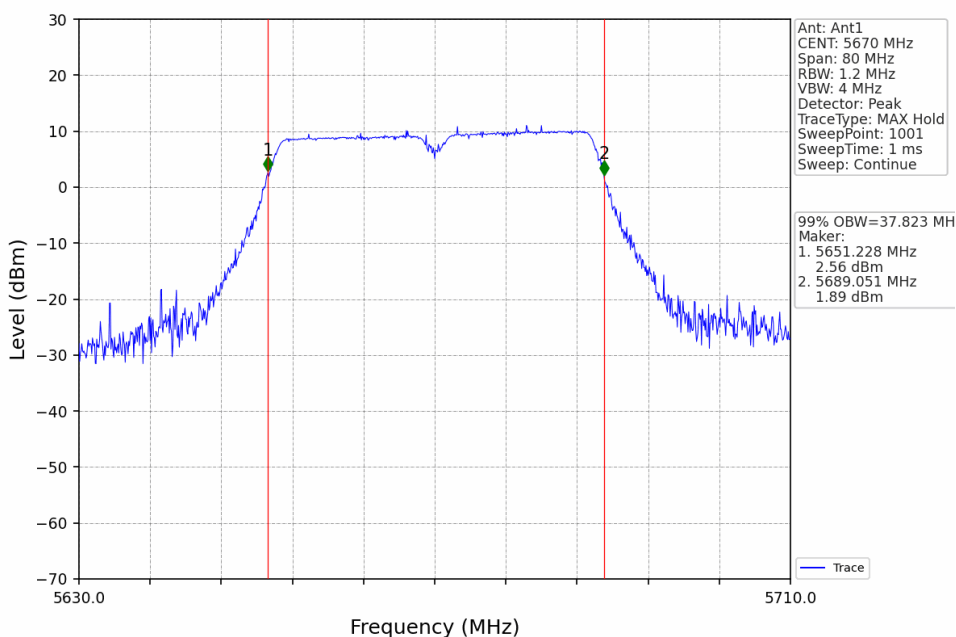
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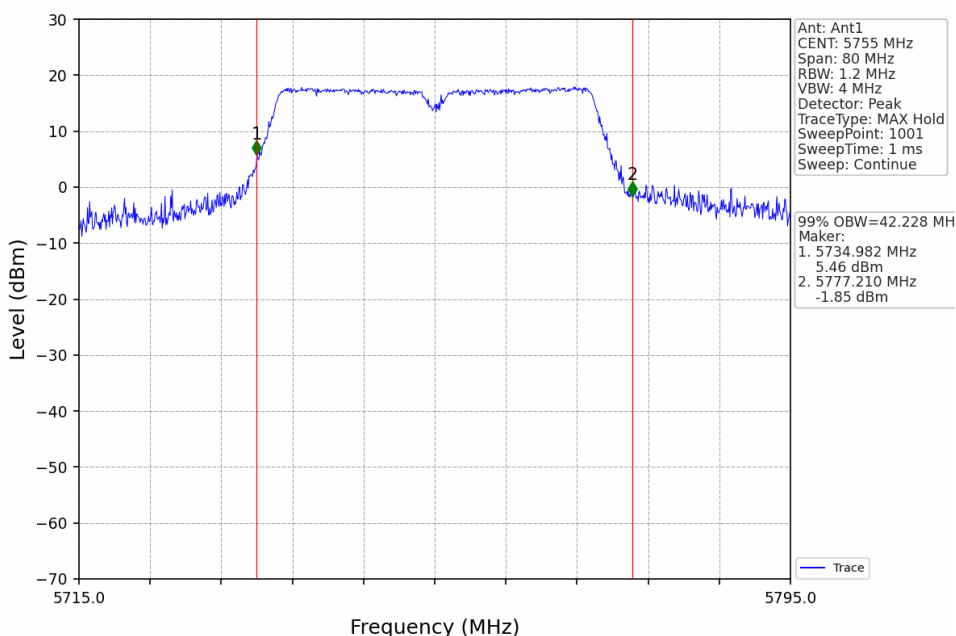
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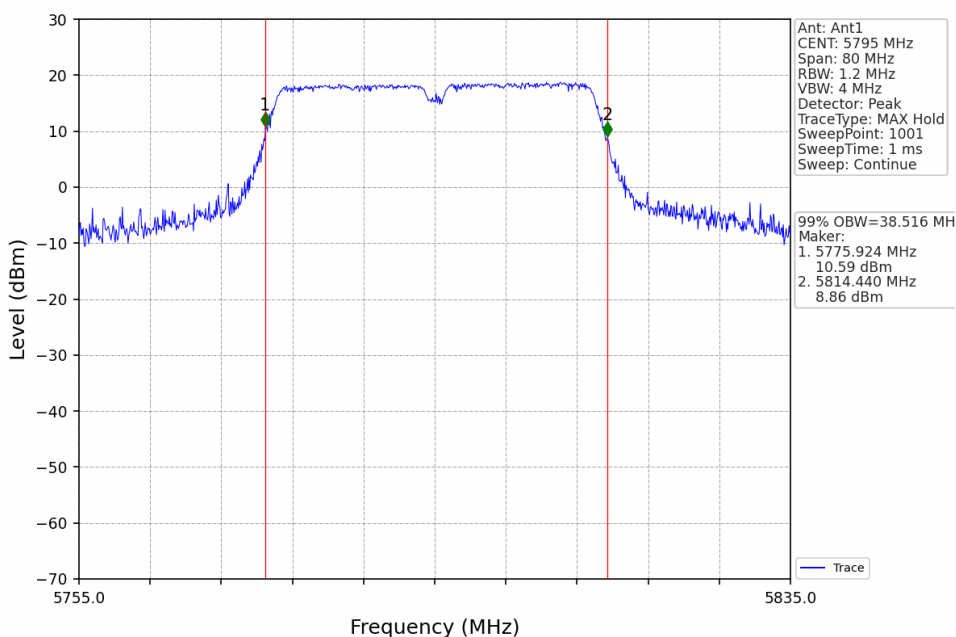
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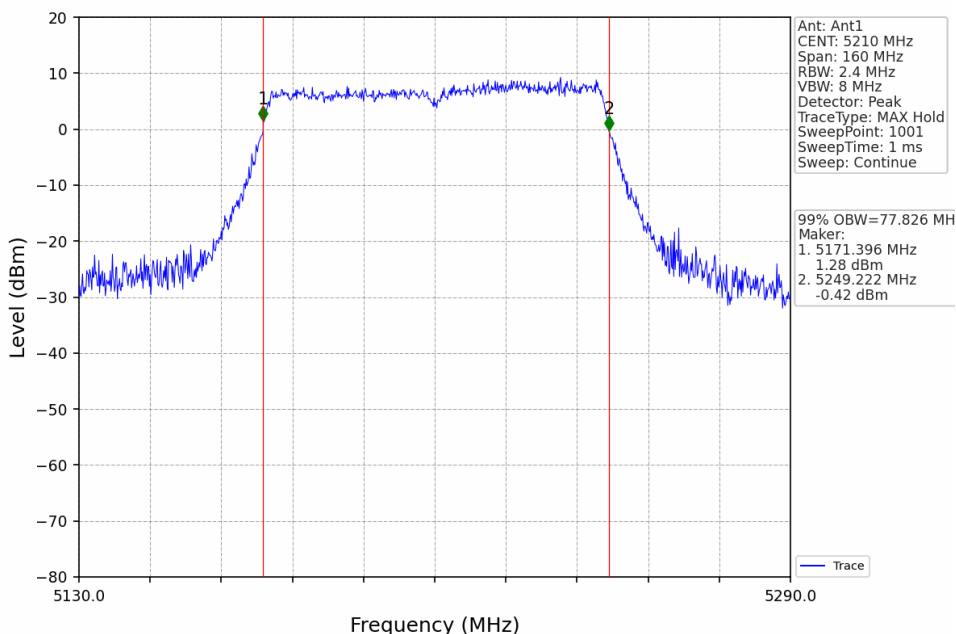
802.11ac(VHT40) LCH 5755MHz Ant1 NTV



802.11ac(VHT40) HCH 5795MHz Ant1 NTV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

