

2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
802.11a	MIMO	5180	/	1	16.802	/	Pass
		5200	/	1	16.819	/	Pass
		5240	/	1	16.819	/	Pass
		5260	/	1	16.824	/	Pass
		5300	/	1	16.823	/	Pass
		5320	/	1	16.815	/	Pass
		5500	/	1	16.785	/	Pass
		5580	/	1	16.776	/	Pass
		5700	/	1	16.814	/	Pass
		5745	/	1	16.831	/	Pass
		5785	/	1	16.867	/	Pass
		5825	/	1	16.842	/	Pass
802.11n (HT20)	MIMO	5180	/	1	17.961	/	Pass
		5200	/	1	17.965	/	Pass
		5240	/	1	17.954	/	Pass
		5260	/	1	17.921	/	Pass
		5300	/	1	17.931	/	Pass
		5320	/	1	17.912	/	Pass
		5500	/	1	17.908	/	Pass
		5580	/	1	17.889	/	Pass
		5700	/	1	17.911	/	Pass
		5745	/	1	17.897	/	Pass
		5785	/	1	17.896	/	Pass
		5825	/	1	17.891	/	Pass
802.11n (HT40)	MIMO	5190	/	1	37.933	/	Pass
		5230	/	1	36.274	/	Pass
		5270	/	1	36.269	/	Pass
		5310	/	1	36.296	/	Pass
		5510	/	1	36.266	/	Pass
		5550	/	1	36.209	/	Pass
		5670	/	1	36.275	/	Pass



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		5755	/	1	36.214	/	Pass
		5795	/	1	36.218	/	Pass
802.11ac (VHT20)	MIMO	5180	/	1	17.944	/	Pass
		5200	/	1	17.958	/	Pass
		5240	/	1	17.959	/	Pass
		5260	/	1	17.945	/	Pass
		5300	/	1	17.946	/	Pass
		5320	/	1	17.952	/	Pass
		5500	/	1	17.897	/	Pass
		5580	/	1	17.899	/	Pass
		5700	/	1	17.894	/	Pass
		5745	/	1	17.856	/	Pass
		5785	/	1	17.881	/	Pass
		5825	/	1	17.873	/	Pass
802.11ac (VHT40)	MIMO	5190	/	1	36.287	/	Pass
		5230	/	1	36.266	/	Pass
		5270	/	1	36.254	/	Pass
		5310	/	1	36.280	/	Pass
		5510	/	1	36.235	/	Pass
		5550	/	1	36.260	/	Pass
		5670	/	1	36.277	/	Pass
		5755	/	1	36.240	/	Pass
802.11ac (VHT80)	MIMO	5795	/	1	36.255	/	Pass
		5210	/	1	75.858	/	Pass
		5290	/	1	75.701	/	Pass
		5530	/	1	75.854	/	Pass
		5610	/	1	75.849	/	Pass
802.11ac (VHT160)	MIMO	5775	/	1	75.916	/	Pass
		5570	/	1	156.903	/	Pass
802.11ax (HEW20)	MIMO	5250	/	1	155.271	/	Pass
		5180	SU	1	19.107	/	Pass
		5200	SU	1	19.177	/	Pass
		5240	SU	1	19.150	/	Pass
		5260	SU	1	19.167	/	Pass
		5300	SU	1	19.139	/	Pass
		5320	SU	1	19.118	/	Pass
		5500	SU	1	19.092	/	Pass
		5580	SU	1	19.061	/	Pass
		5700	SU	1	19.021	/	Pass
		5745	SU	1	19.051	/	Pass



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		5785	SU	1	19.063	/	Pass
		5825	SU	1	19.061	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	1	38.024	/	Pass
		5230	SU	1	37.955	/	Pass
		5270	SU	1	38.006	/	Pass
		5310	SU	1	37.986	/	Pass
		5510	SU	1	37.993	/	Pass
		5550	SU	1	37.862	/	Pass
		5670	SU	1	37.922	/	Pass
		5755	SU	1	37.911	/	Pass
		5795	SU	1	37.955	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	1	77.451	/	Pass
		5290	SU	1	77.363	/	Pass
		5530	SU	1	77.475	/	Pass
		5610	SU	1	77.475	/	Pass
		5775	SU	1	77.422	/	Pass
802.11ax (HEW160)	MIMO	5570	SU	1	155.533	/	Pass
		5250	SU	1	156.666	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	ANT	6dB Bandwidth (MHz)		Verdict
					Result	Limit	
802.11a	MIMO	5745	/	1	16.324	>=0.5	Pass
		5785	/	1	16.308	>=0.5	Pass
		5825	/	1	16.333	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	1	16.107	>=0.5	Pass
		5785	/	1	16.303	>=0.5	Pass
		5825	/	1	16.794	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	1	36.309	>=0.5	Pass
		5795	/	1	36.325	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	1	17.069	>=0.5	Pass
		5785	/	1	17.284	>=0.5	Pass
		5825	/	1	16.304	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	1	36.316	>=0.5	Pass
		5795	/	1	36.086	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	1	74.484	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	SU	1	18.416	>=0.5	Pass
		5785	SU	1	18.431	>=0.5	Pass
		5825	SU	1	18.887	>=0.5	Pass



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802.11ax (HEW40)	MIMO	5755	SU	1	37.652	≥ 0.5	Pass
		5795	SU	1	37.764	≥ 0.5	Pass
802.11ax (HEW80)	MIMO	5775	SU	1	76.811	≥ 0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
802.11a	MIMO	5180	/	1	19.446	/	Pass
		5200	/	1	20.567	/	Pass
		5240	/	1	20.192	/	Pass
		5260	/	1	20.504	/	Pass
		5300	/	1	19.605	/	Pass
		5320	/	1	19.967	/	Pass
		5500	/	1	19.205	/	Pass
		5580	/	1	19.593	/	Pass
		5700	/	1	19.320	/	Pass
802.11n (HT20)	MIMO	5180	/	1	20.559	/	Pass
		5200	/	1	21.369	/	Pass
		5240	/	1	21.267	/	Pass
		5260	/	1	20.940	/	Pass
		5300	/	1	20.835	/	Pass
		5320	/	1	20.719	/	Pass
		5500	/	1	20.226	/	Pass
		5580	/	1	20.101	/	Pass
		5700	/	1	20.660	/	Pass
802.11n (HT40)	MIMO	5190	/	1	40.714	/	Pass
		5230	/	1	39.897	/	Pass
		5270	/	1	40.224	/	Pass
		5310	/	1	39.821	/	Pass
		5510	/	1	40.003	/	Pass
		5550	/	1	40.083	/	Pass
		5670	/	1	39.923	/	Pass
802.11ac (VHT20)	MIMO	5180	/	1	20.905	/	Pass
		5200	/	1	20.980	/	Pass
		5240	/	1	20.928	/	Pass
		5260	/	1	21.010	/	Pass
		5300	/	1	20.888	/	Pass
		5320	/	1	20.672	/	Pass
		5500	/	1	20.743	/	Pass



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		5580	/	1	20.180	/	Pass
		5700	/	1	20.199	/	Pass
802.11ac (VHT40)	MIMO	5190	/	1	40.125	/	Pass
		5230	/	1	40.519	/	Pass
		5270	/	1	39.899	/	Pass
		5310	/	1	39.896	/	Pass
		5510	/	1	40.107	/	Pass
		5550	/	1	39.864	/	Pass
		5670	/	1	40.033	/	Pass
802.11ac (VHT80)	MIMO	5210	/	1	81.886	/	Pass
		5290	/	1	81.997	/	Pass
		5530	/	1	81.832	/	Pass
		5610	/	1	82.455	/	Pass
802.11ac (VHT160)	MIMO	5570	/	1	163.971	/	Pass
		5250	/	1	165.422	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	1	21.473	/	Pass
		5200	SU	1	21.486	/	Pass
		5240	SU	1	22.011	/	Pass
		5260	SU	1	21.086	/	Pass
		5300	SU	1	21.239	/	Pass
		5320	SU	1	20.892	/	Pass
		5500	SU	1	21.085	/	Pass
		5580	SU	1	20.886	/	Pass
		5700	SU	1	21.254	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	1	40.927	/	Pass
		5230	SU	1	40.561	/	Pass
		5270	SU	1	40.391	/	Pass
		5310	SU	1	40.536	/	Pass
		5510	SU	1	40.472	/	Pass
		5550	SU	1	40.130	/	Pass
		5670	SU	1	40.424	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	1	82.633	/	Pass
		5290	SU	1	82.286	/	Pass
		5530	SU	1	81.903	/	Pass
		5610	SU	1	82.464	/	Pass
802.11ax (HEW160)	MIMO	5570	SU	1	166.071	/	Pass
		5250	SU	1	163.987	/	Pass



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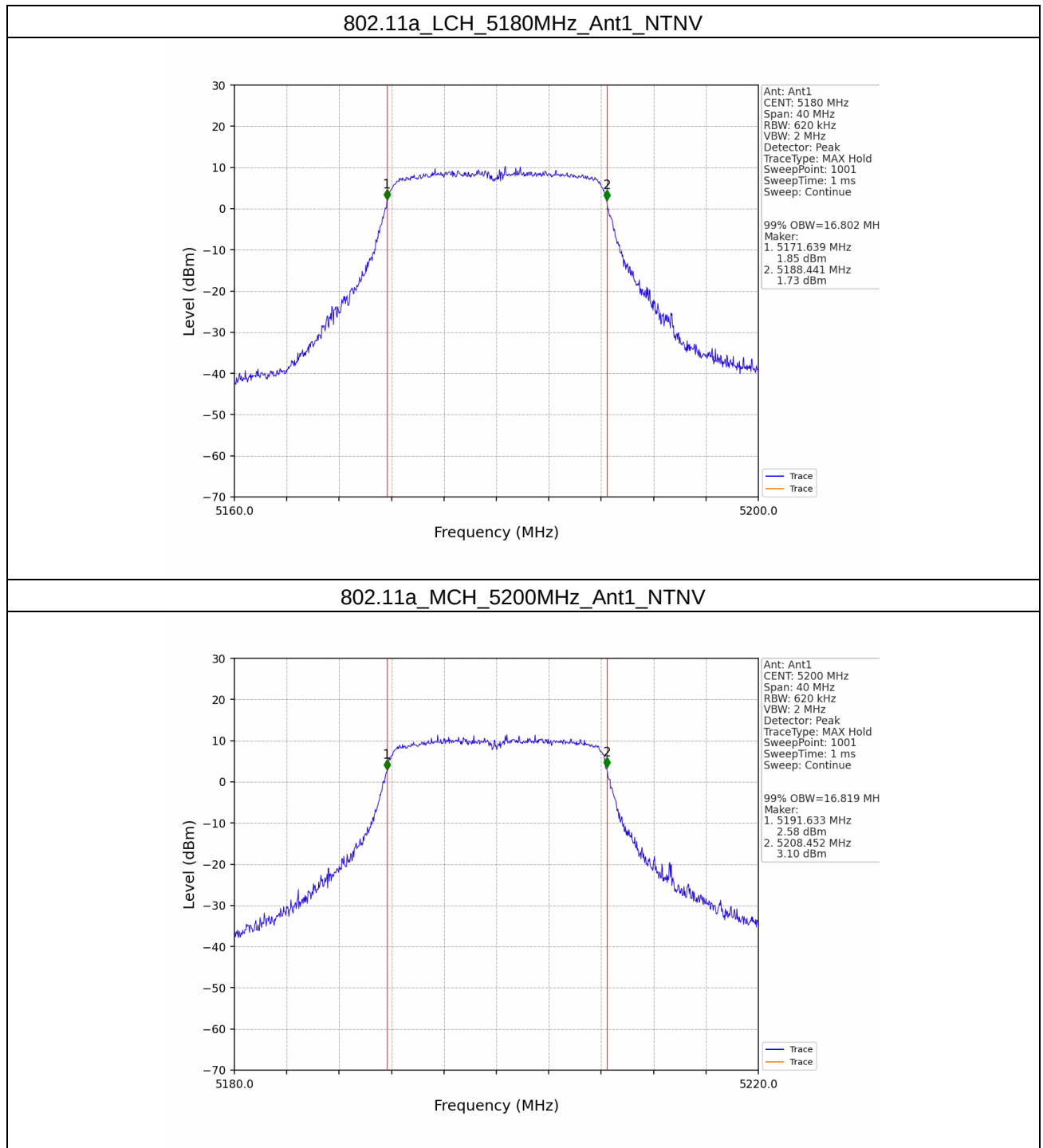
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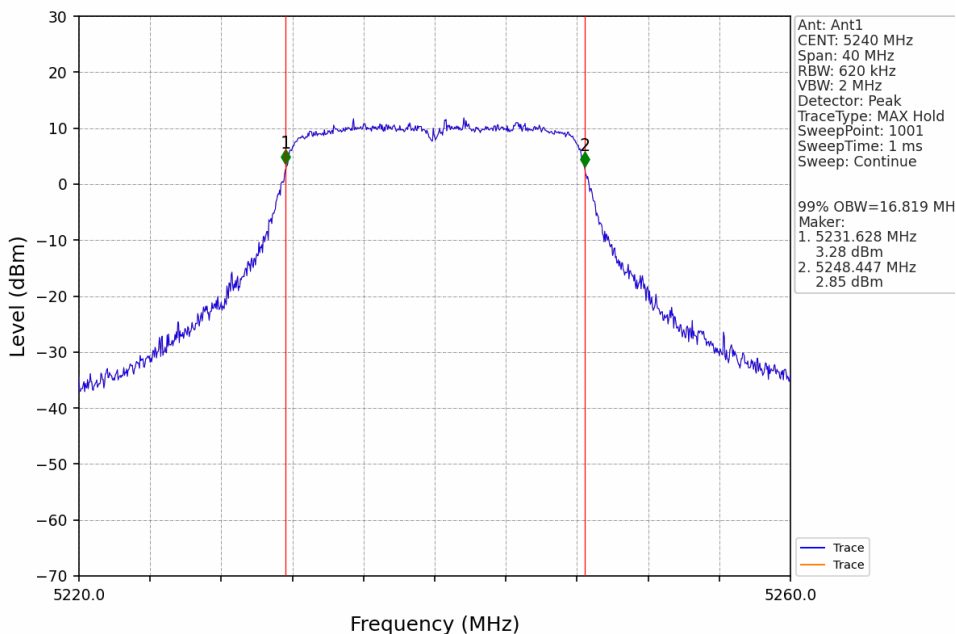
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2.2 Test Graph

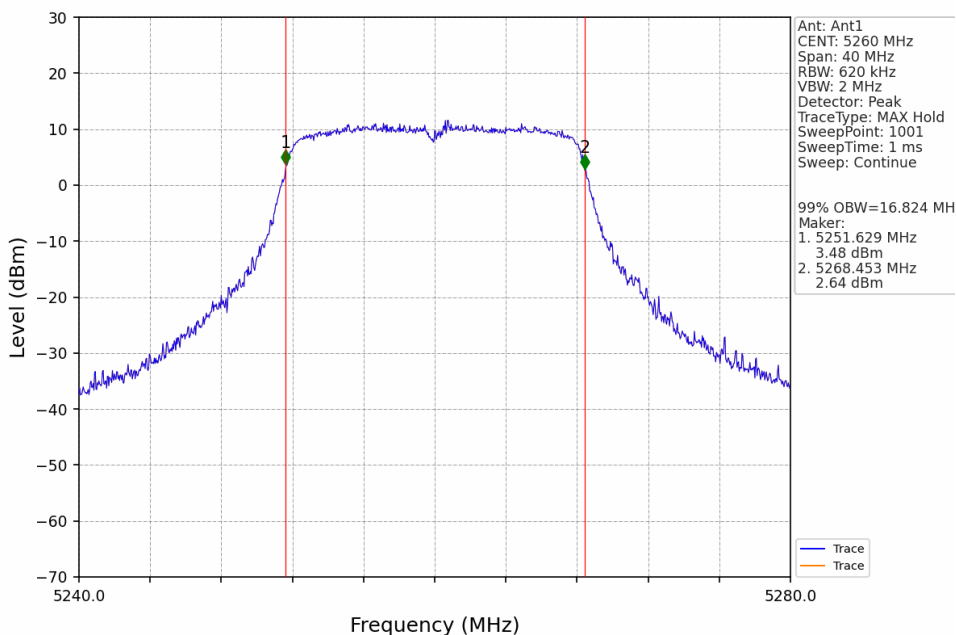
2.2.1 OBW



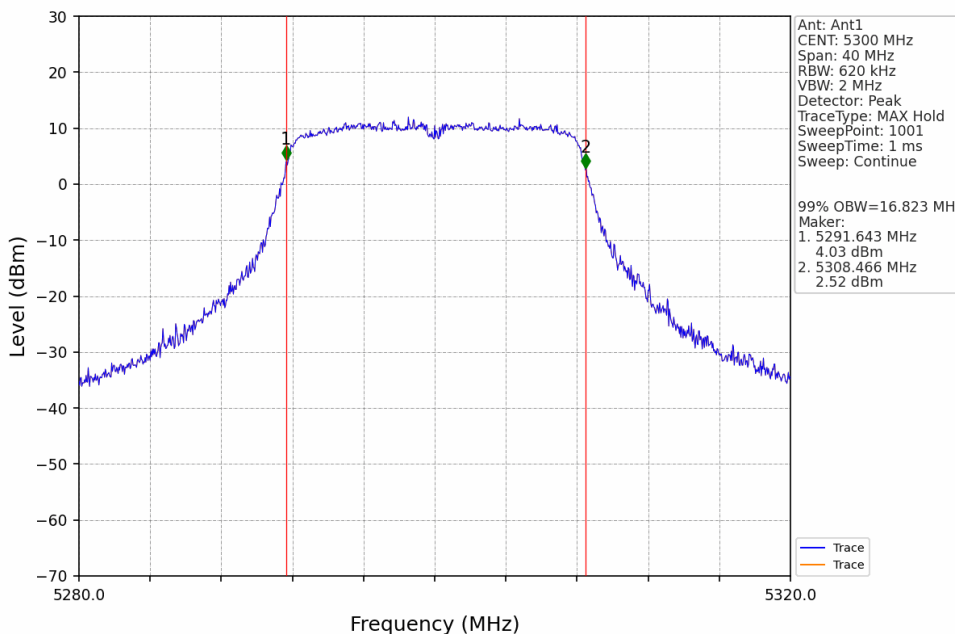
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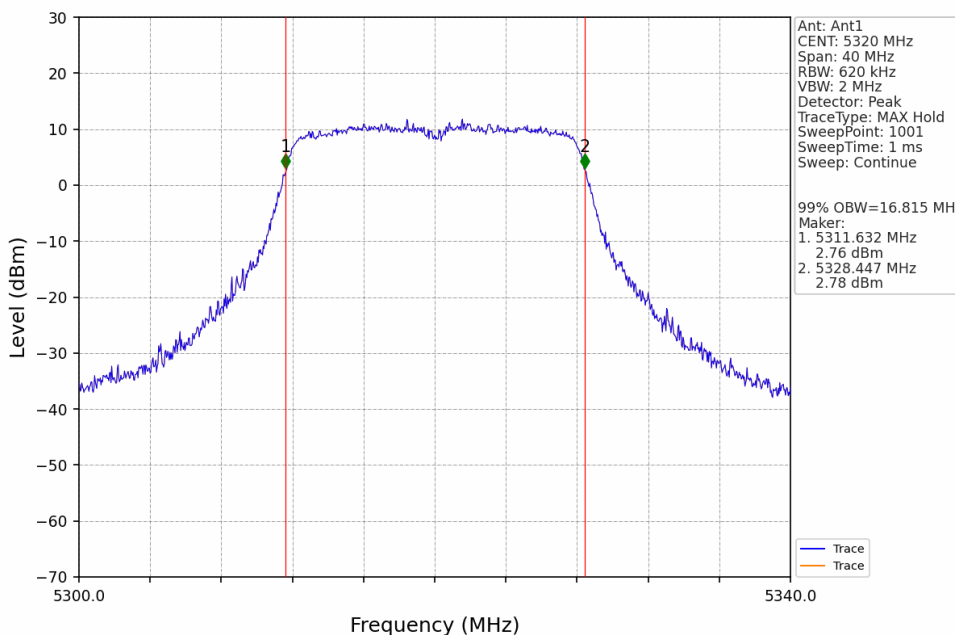
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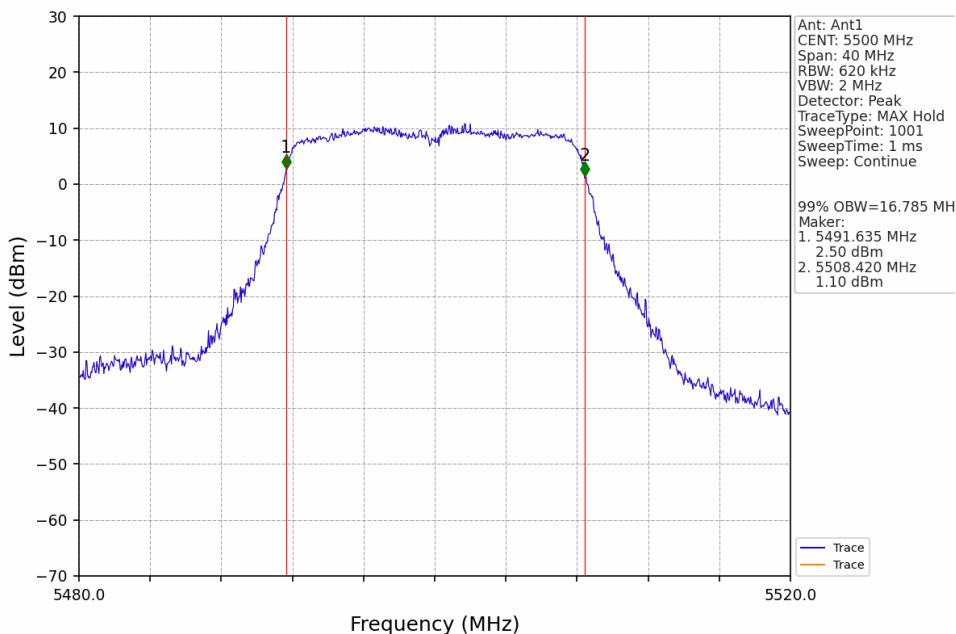
802.11a_MCH_5300MHz_Ant1_NTNV



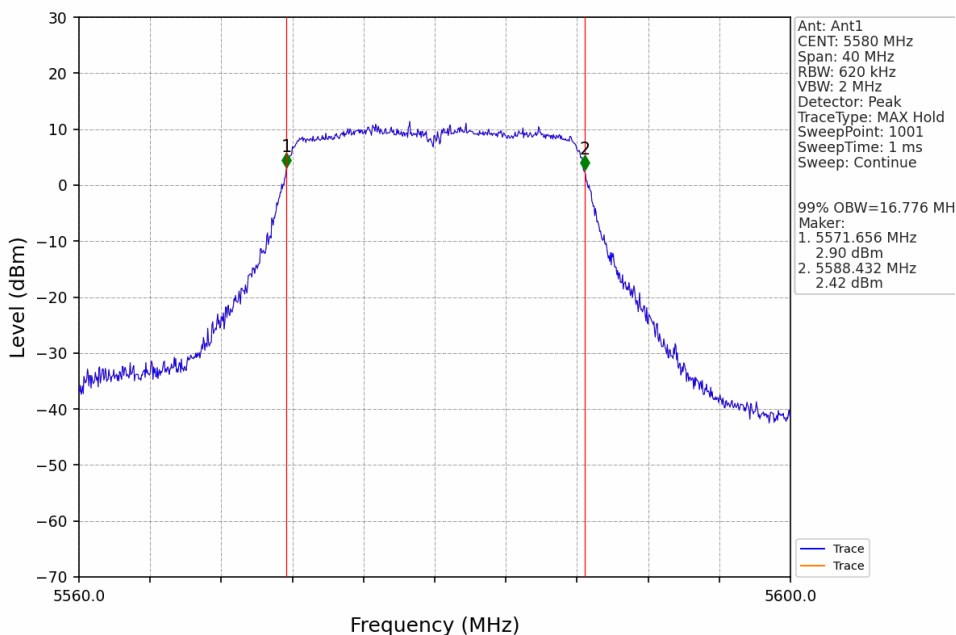
802.11a_HCH_5320MHz_Ant1_NTNV



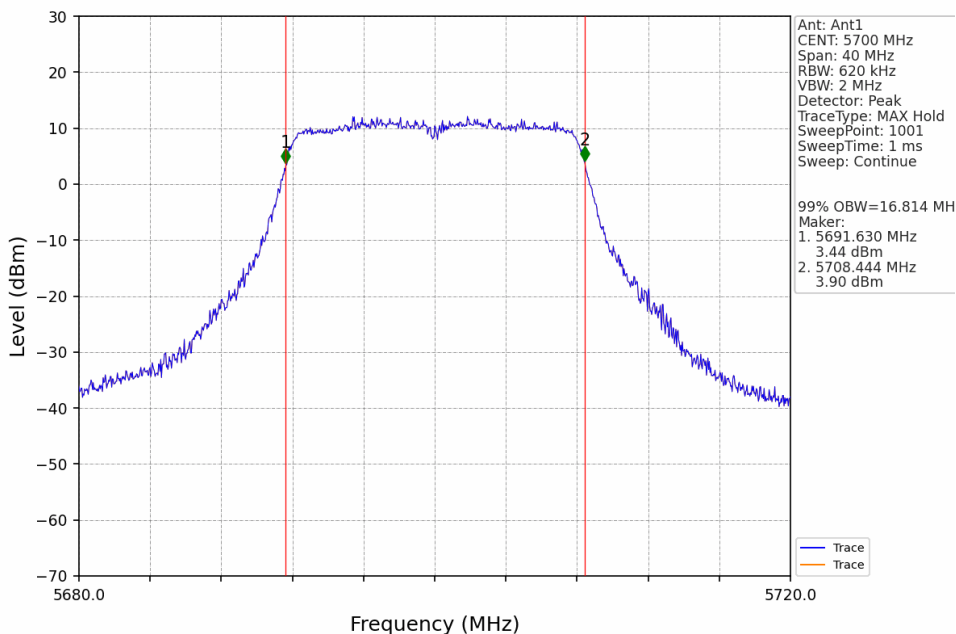
802.11a_LCH_5500MHz_Ant1_NTNV



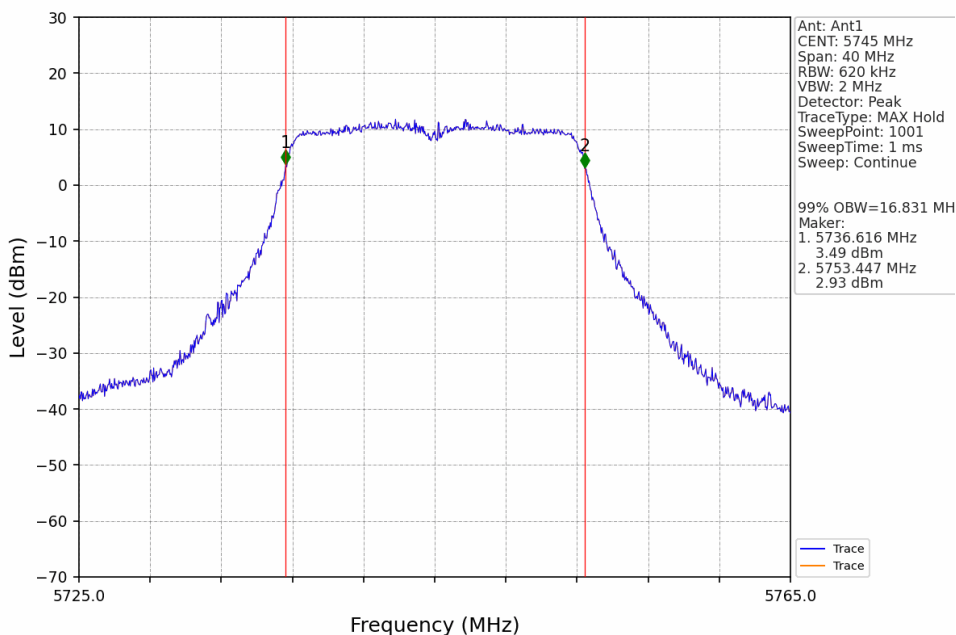
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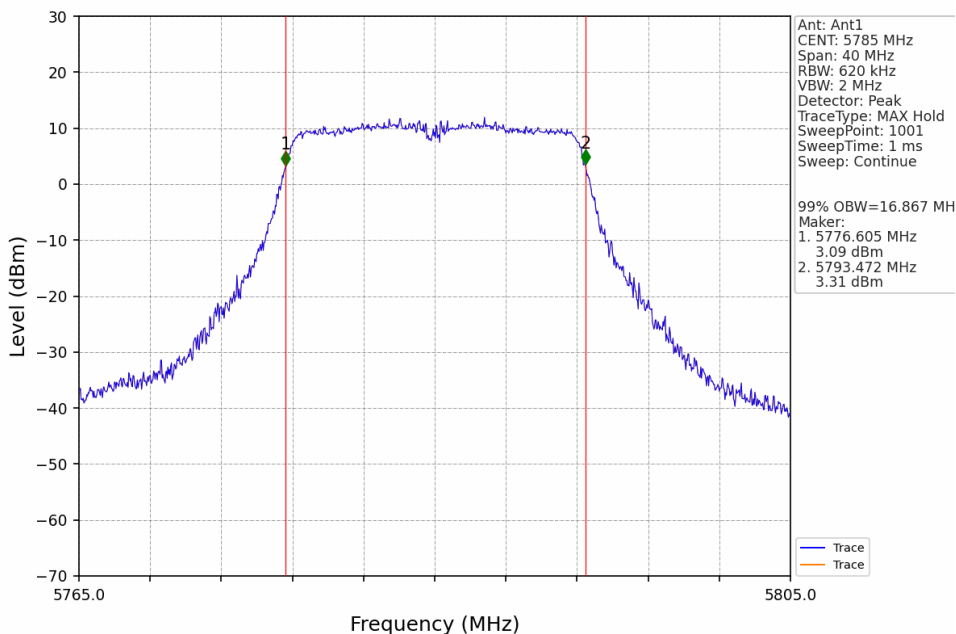
802.11a_HCH_5700MHz_Ant1_NTNV



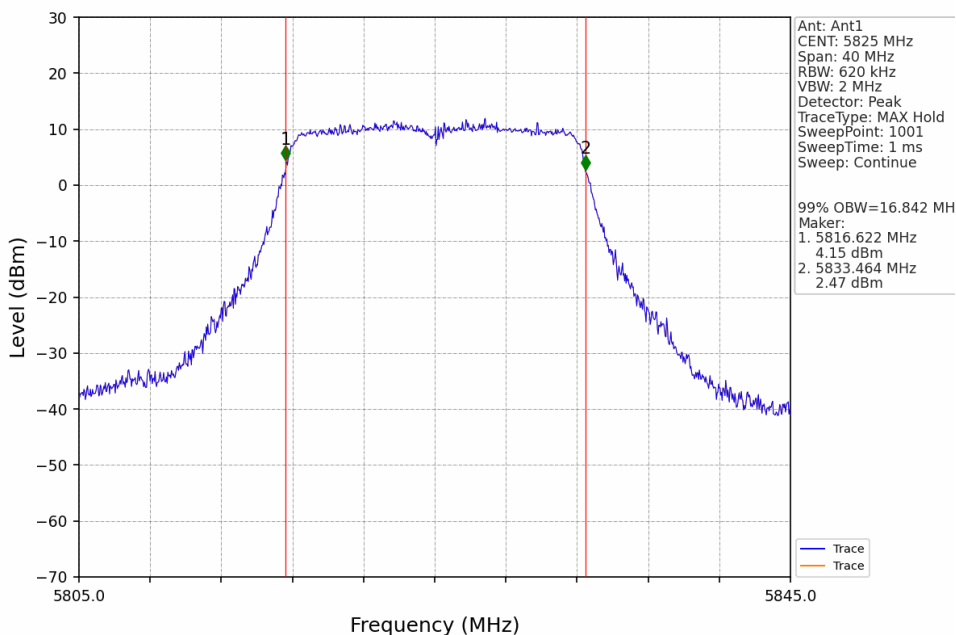
802.11a_LCH_5745MHz_Ant1_NTNV



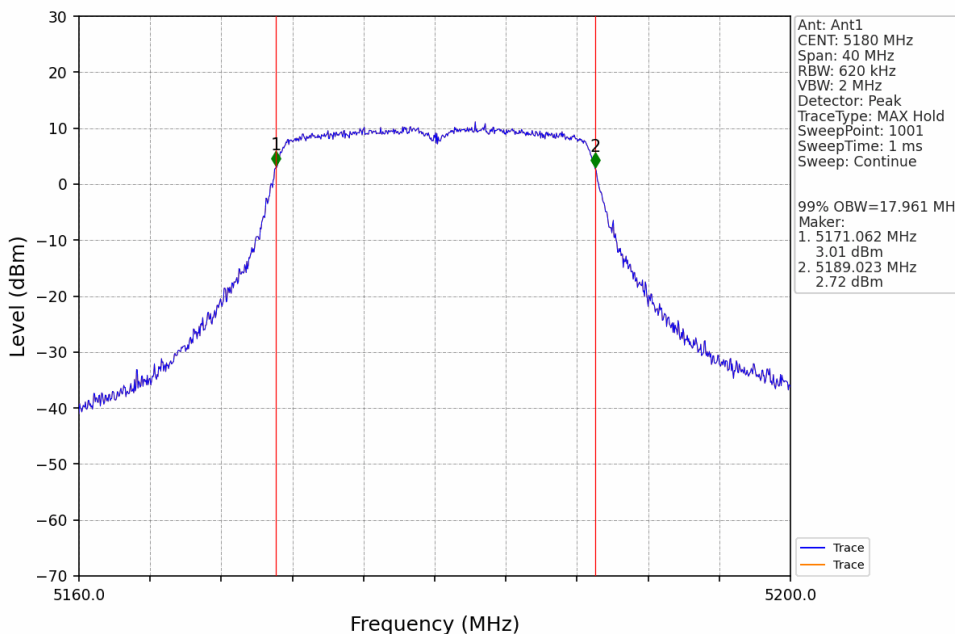
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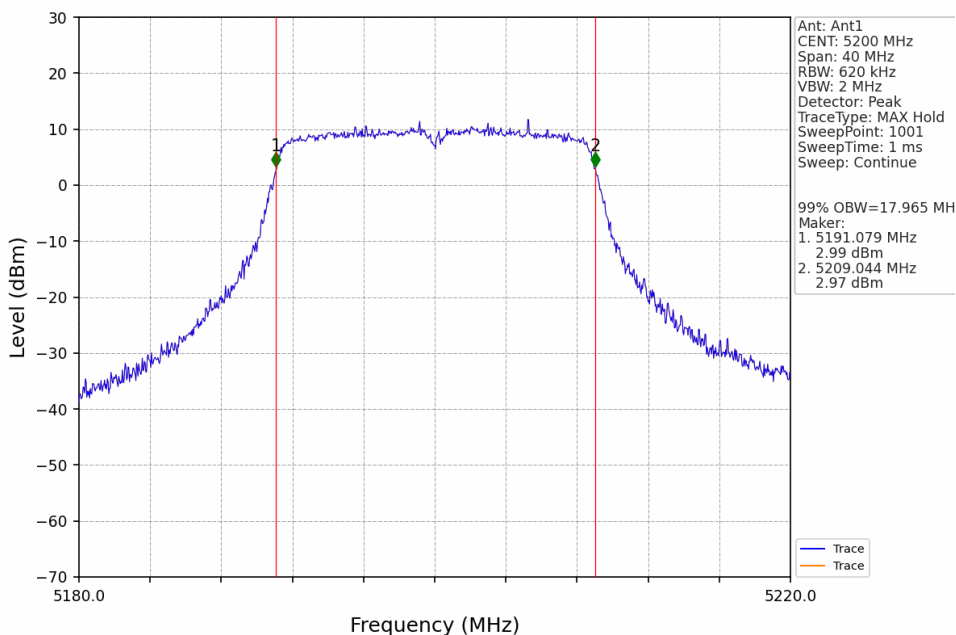
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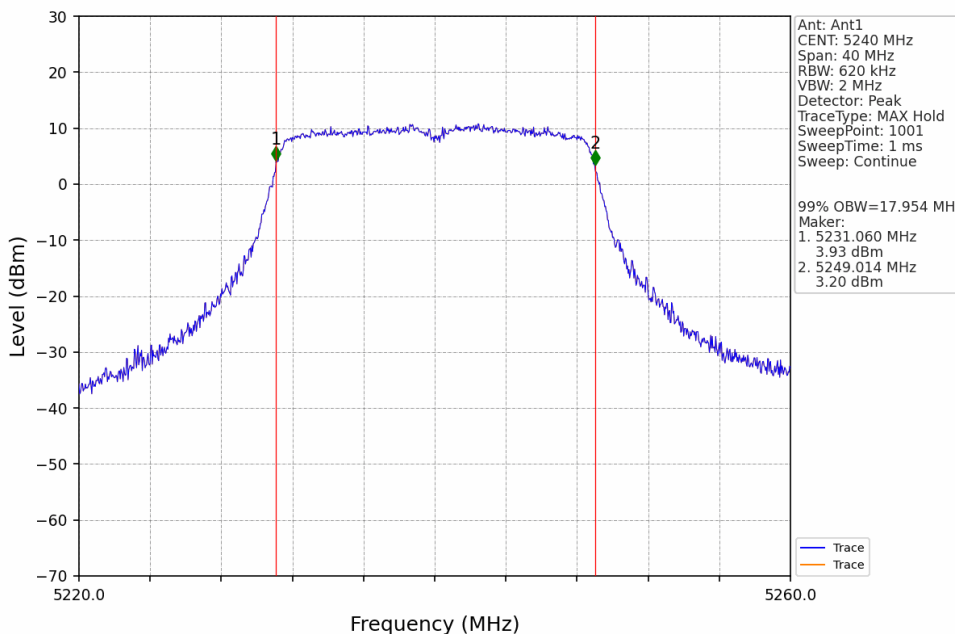
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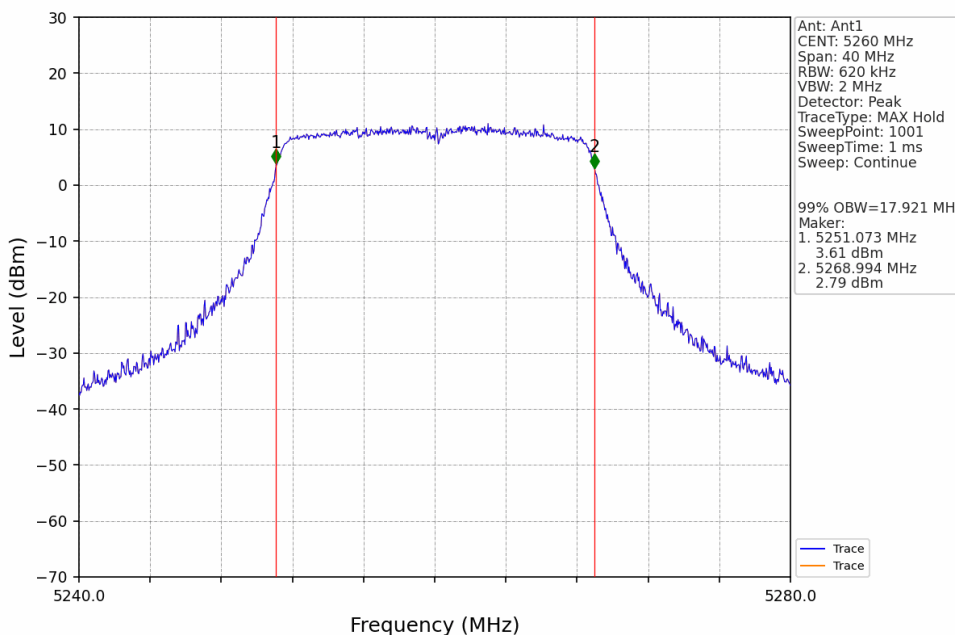
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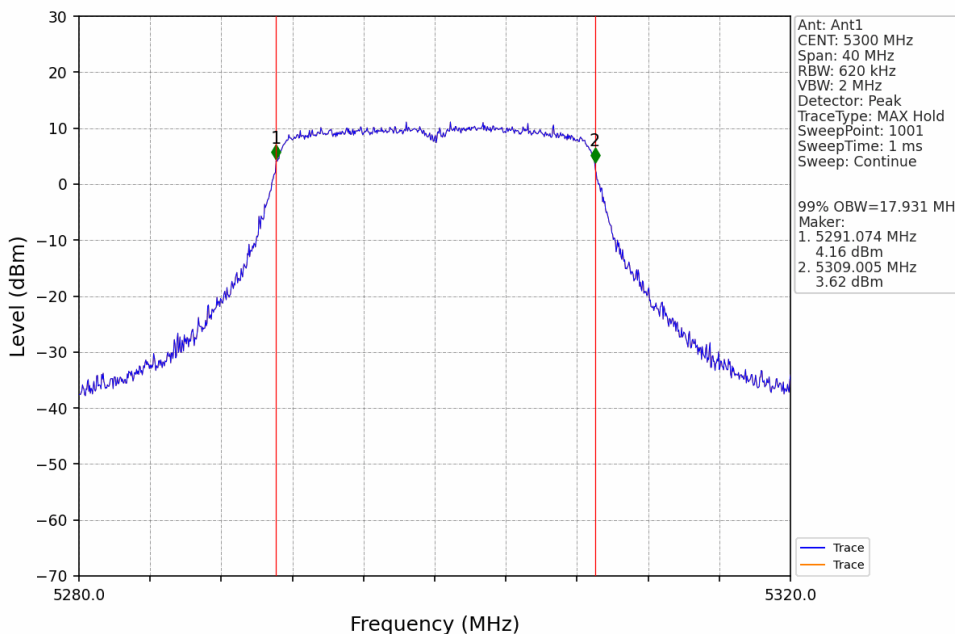
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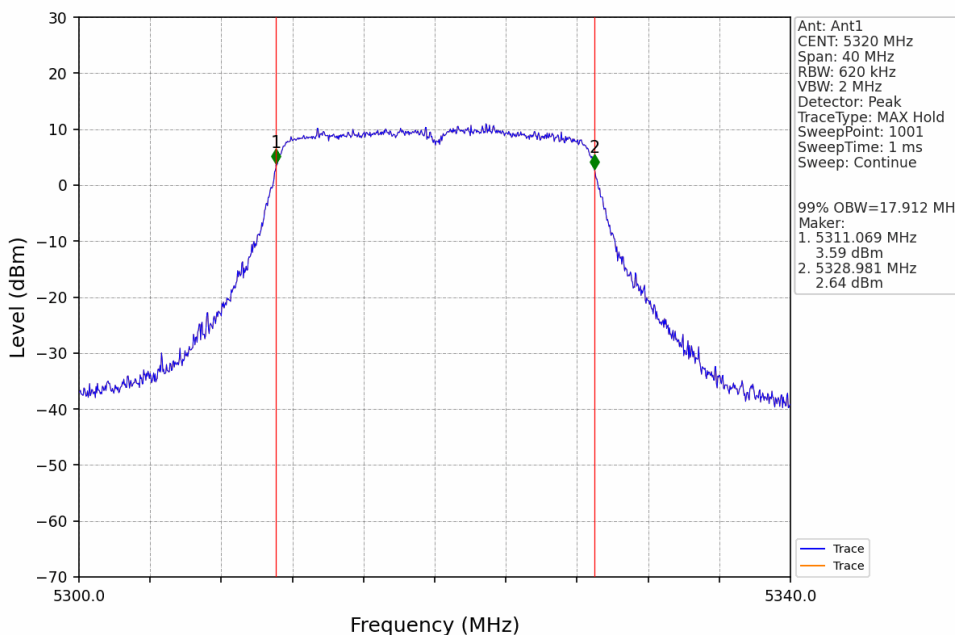
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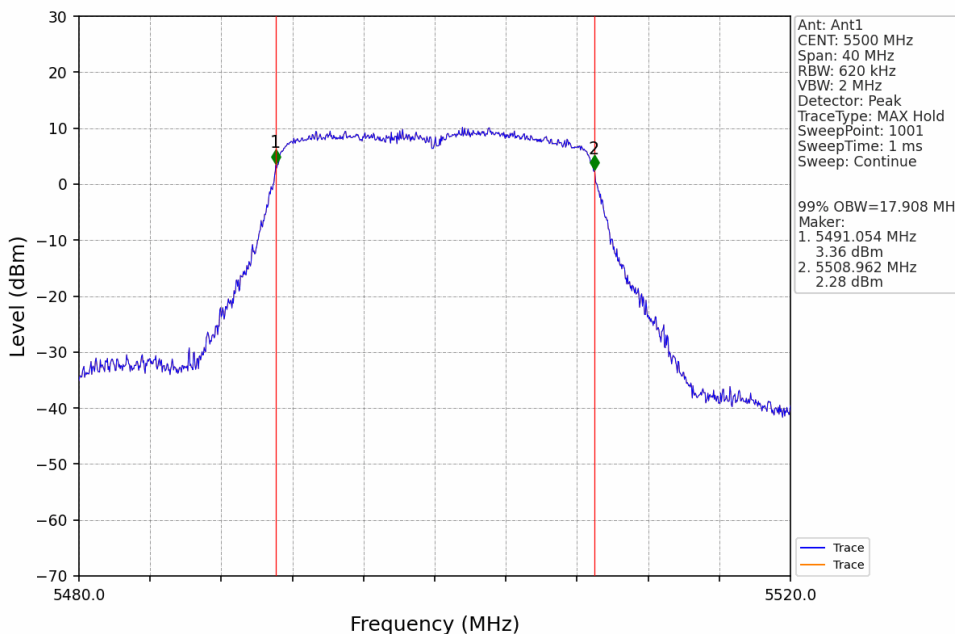
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



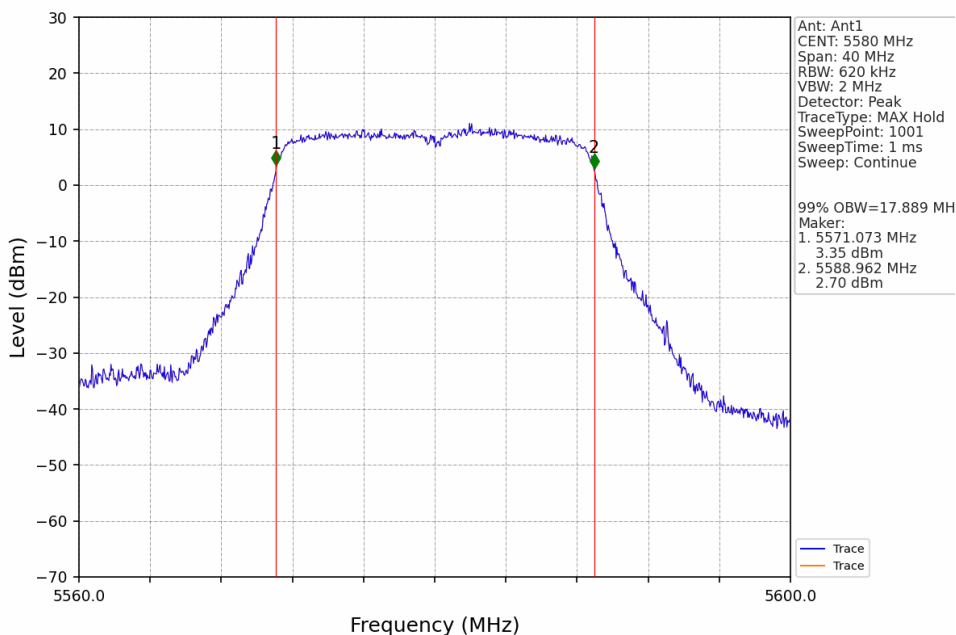
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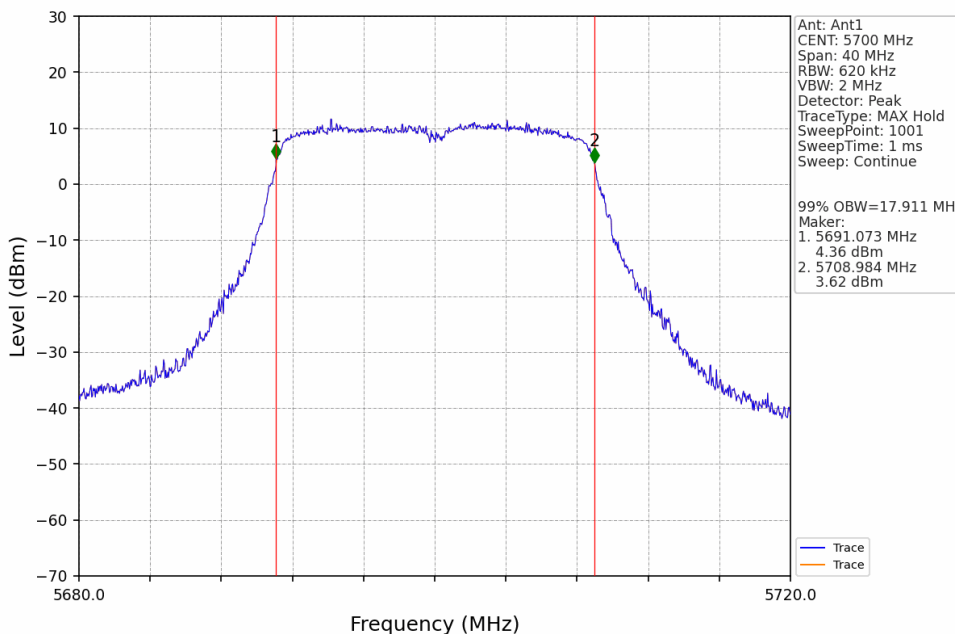
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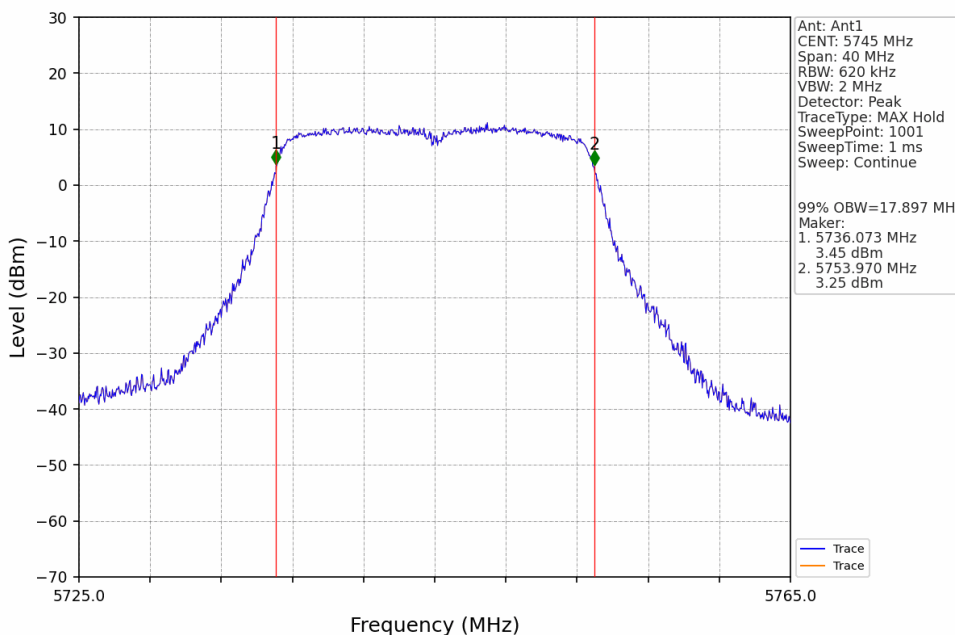
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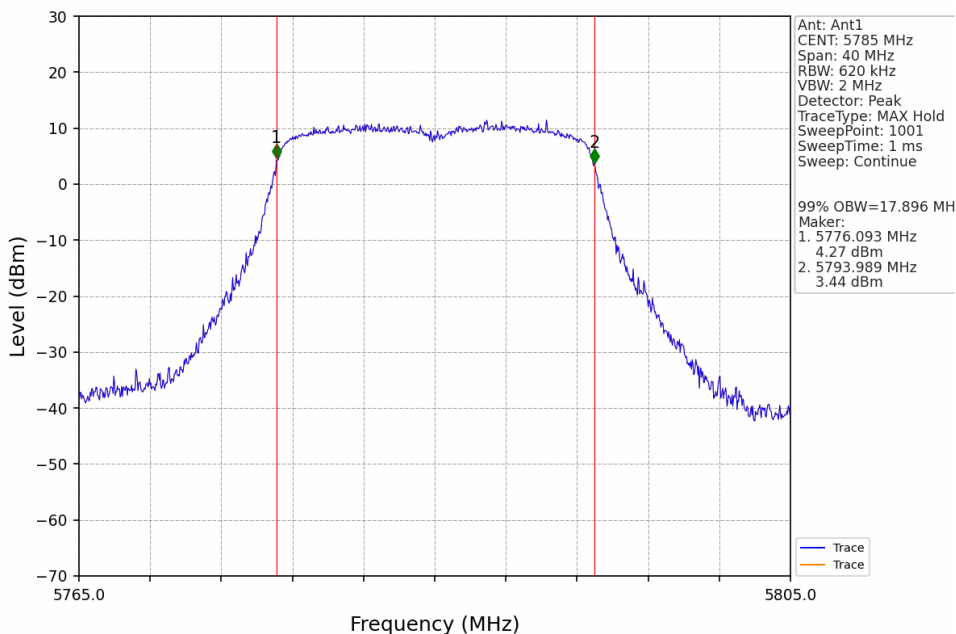
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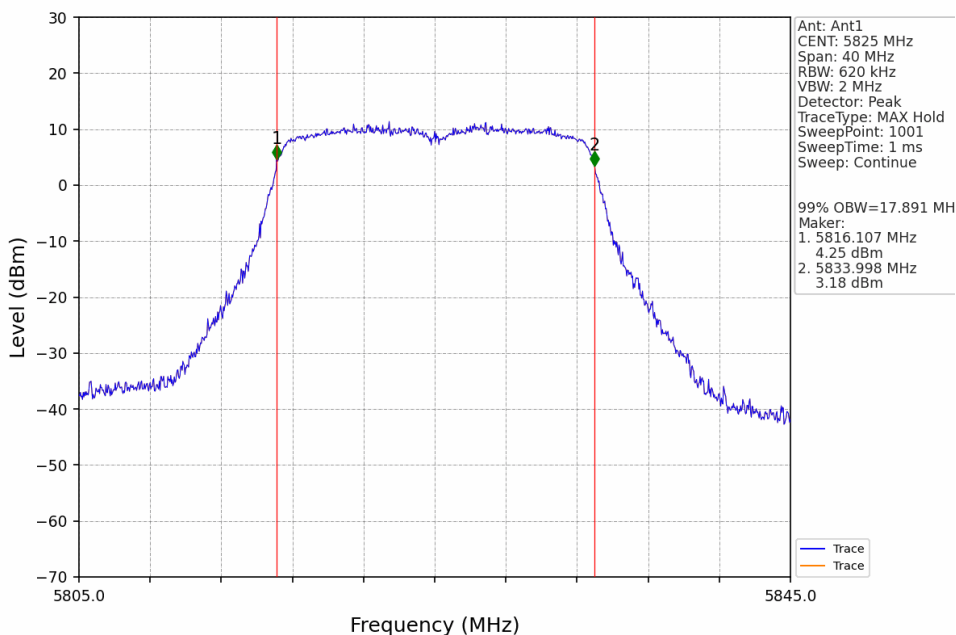
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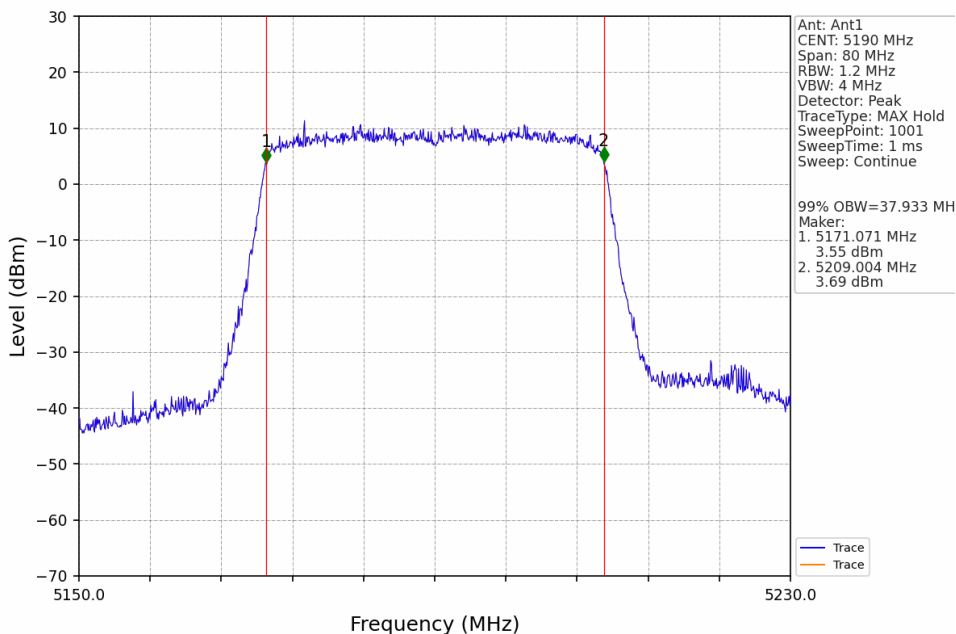
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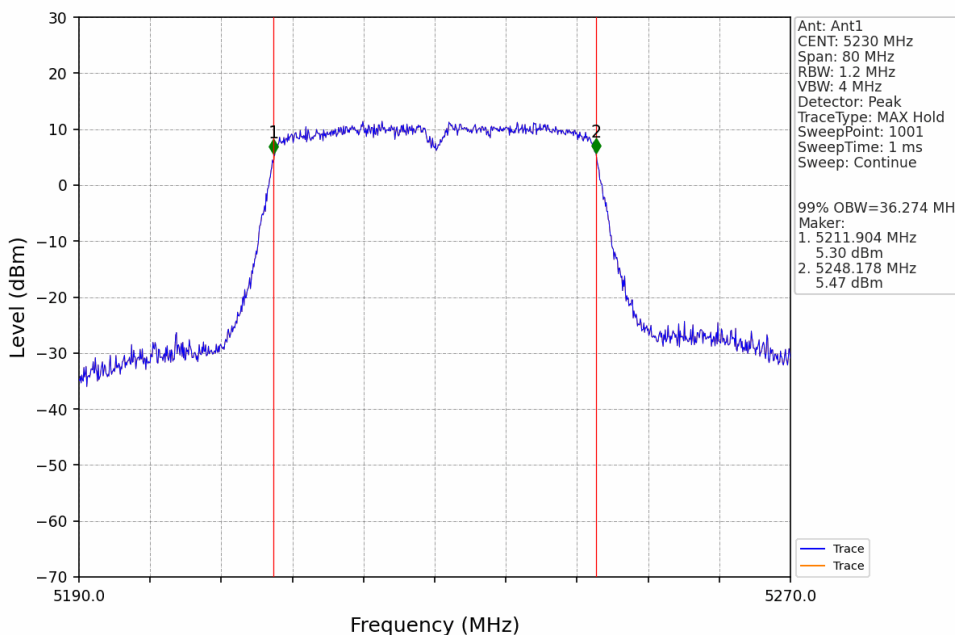
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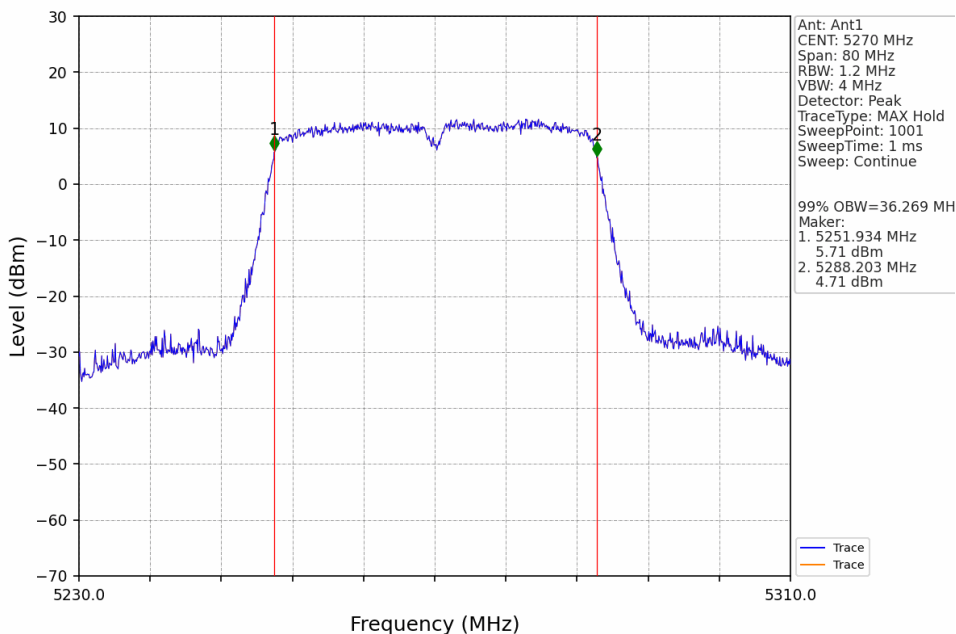
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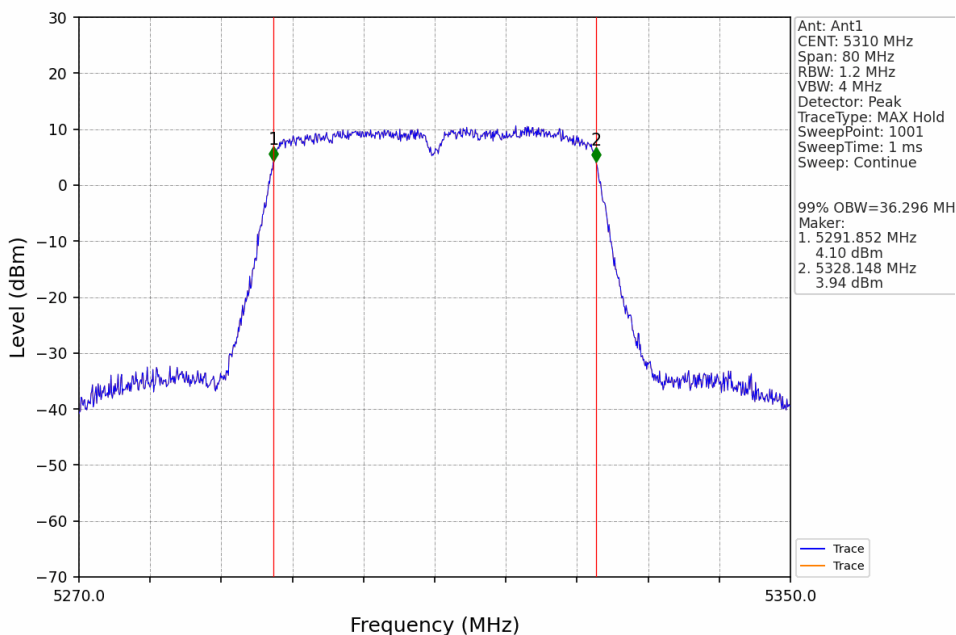
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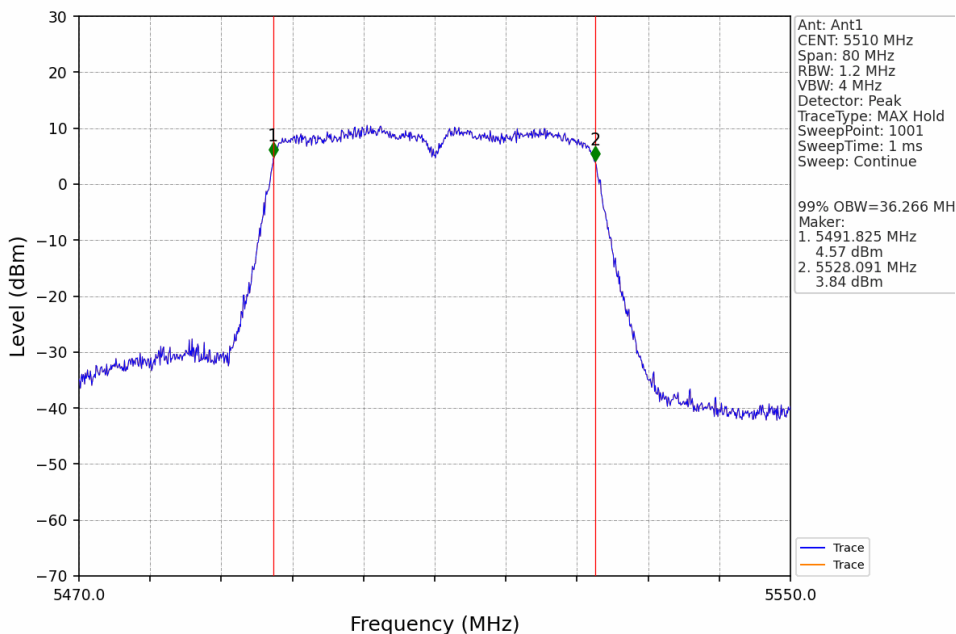
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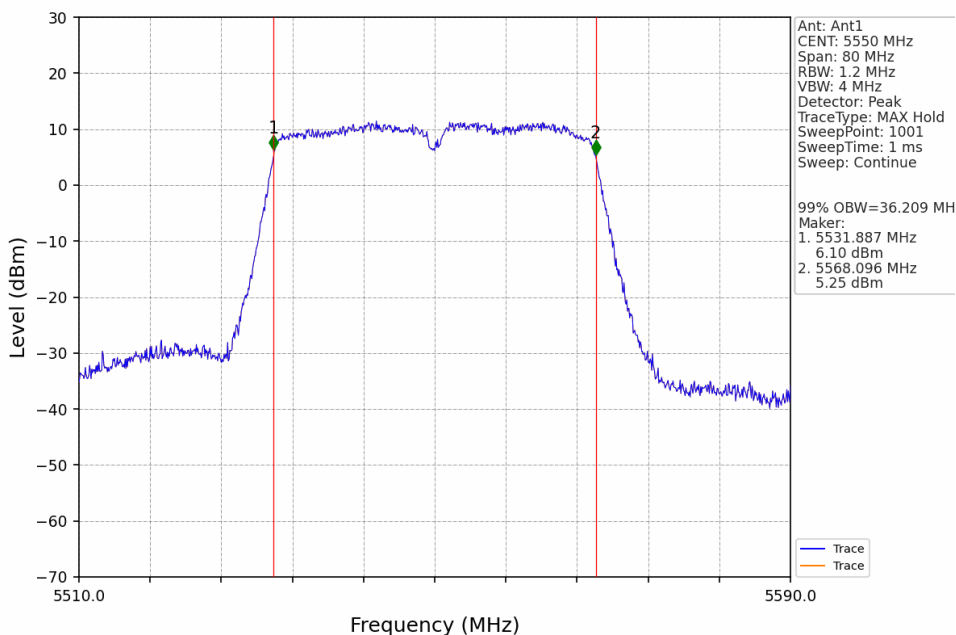
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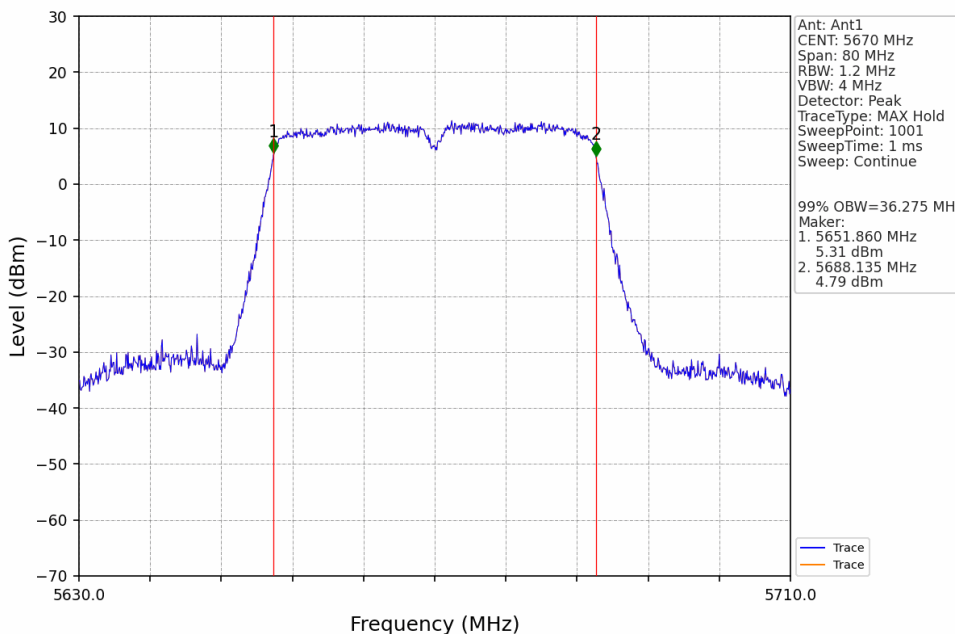
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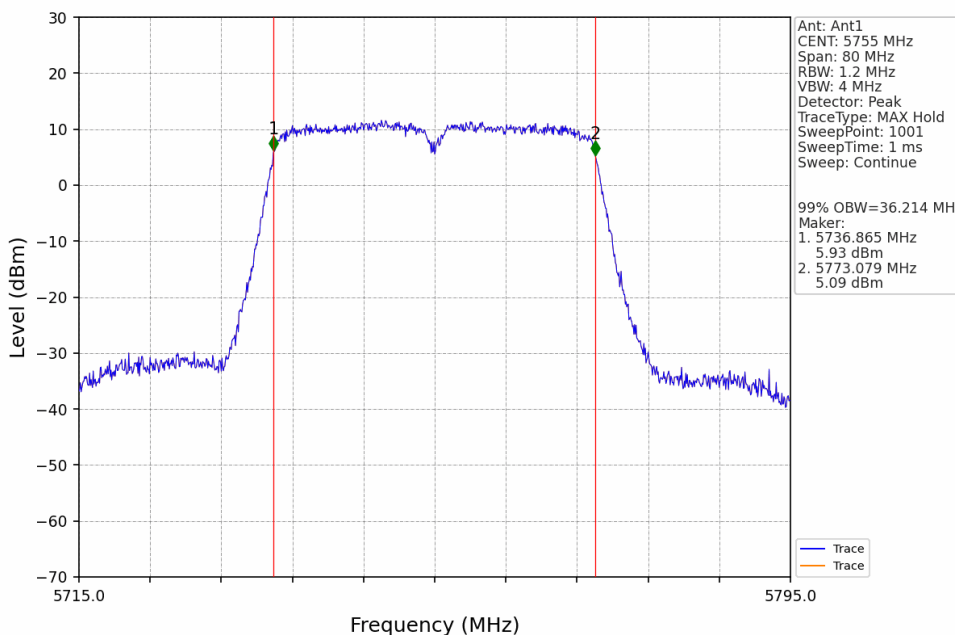
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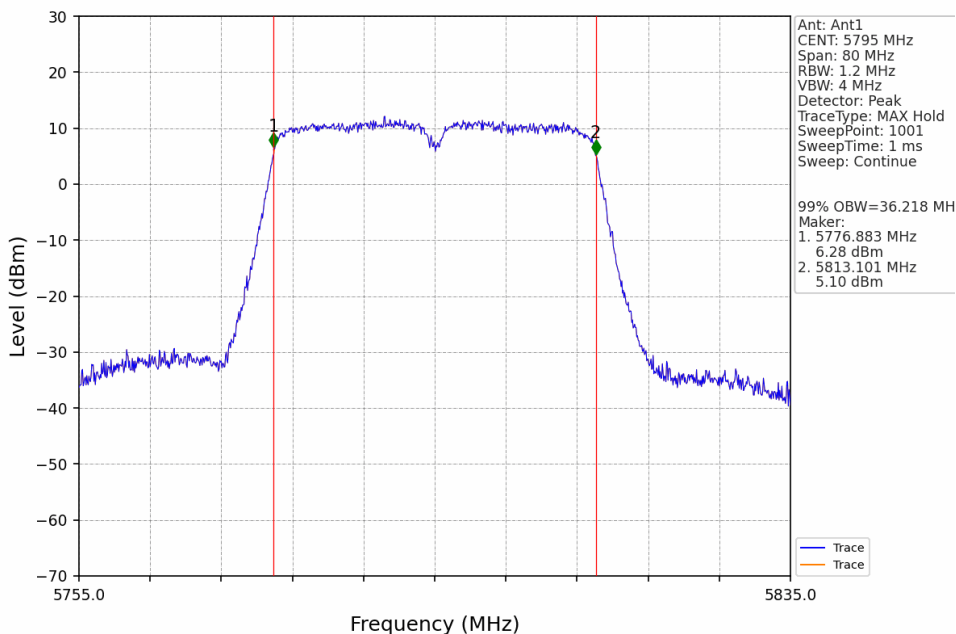
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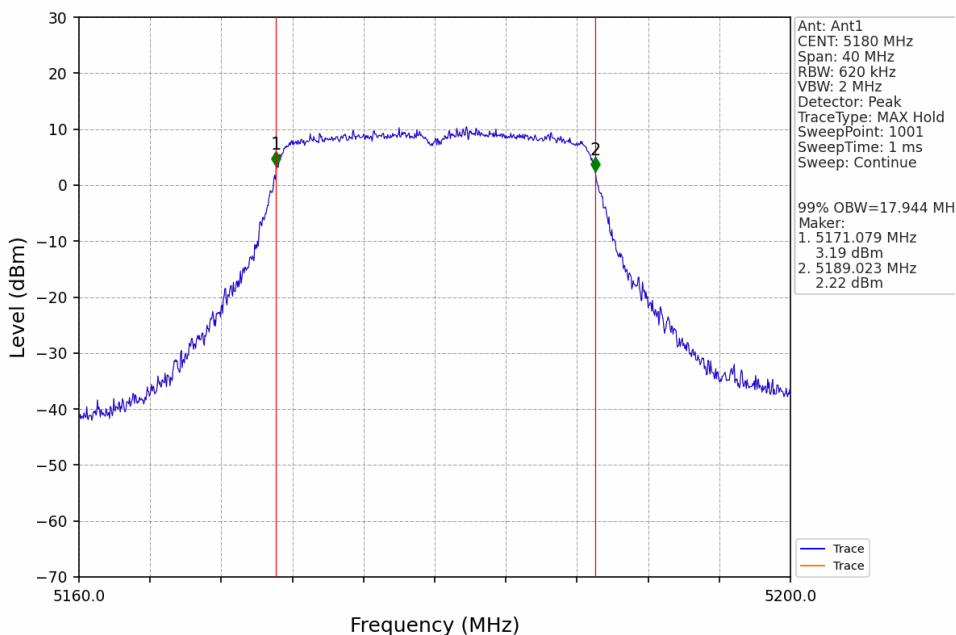
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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



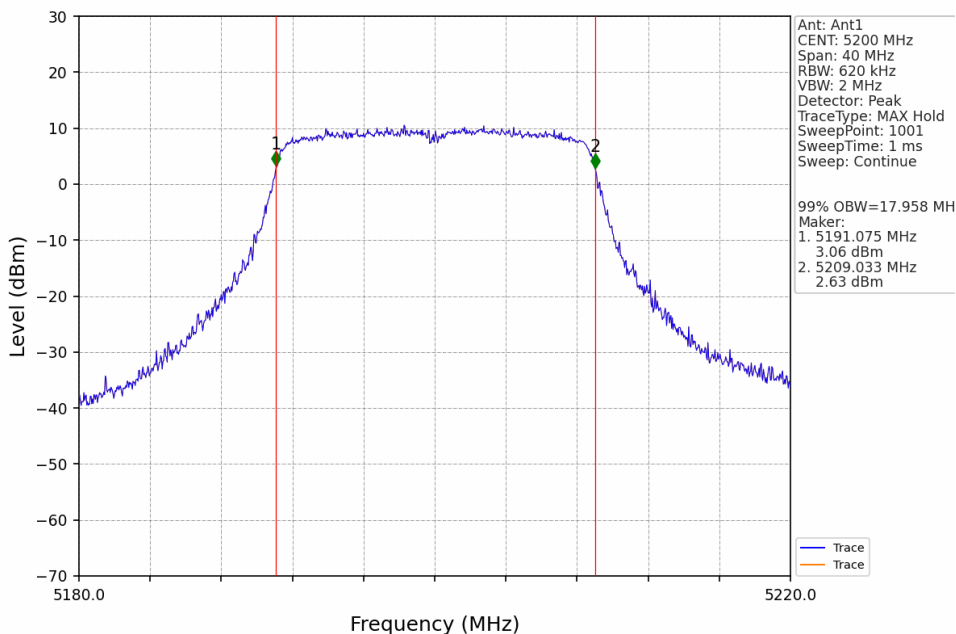
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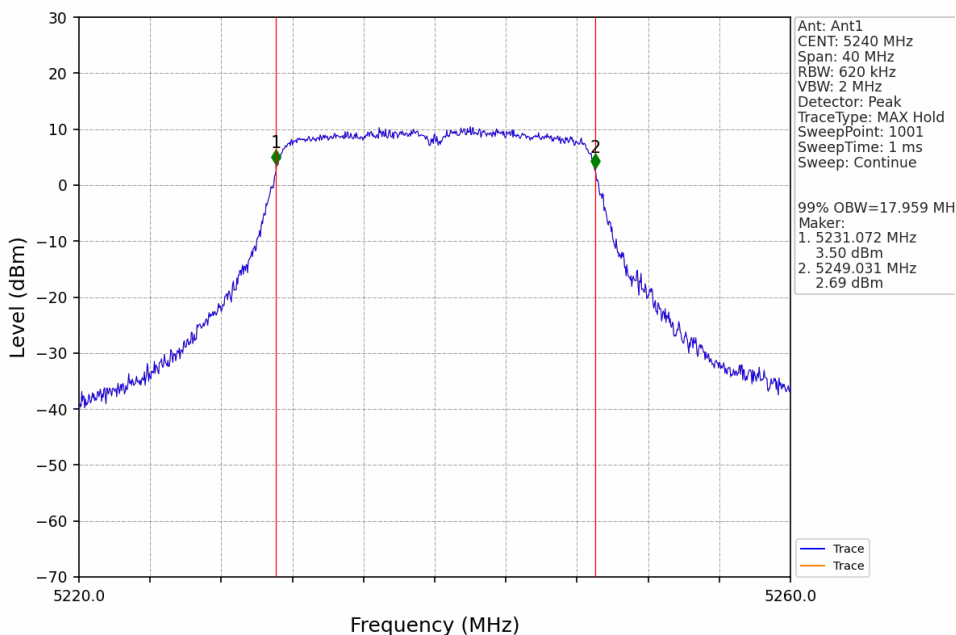
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



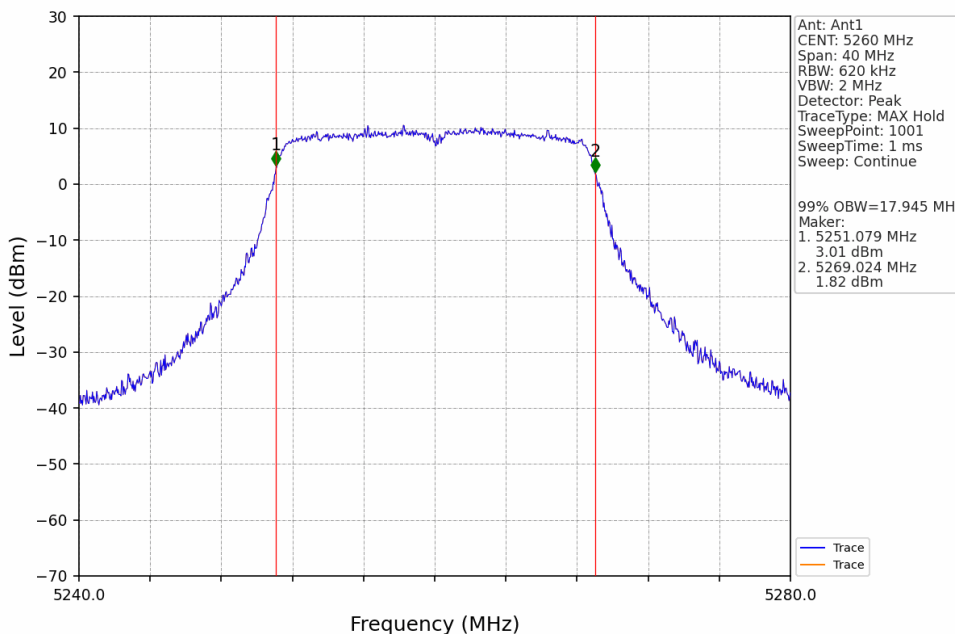
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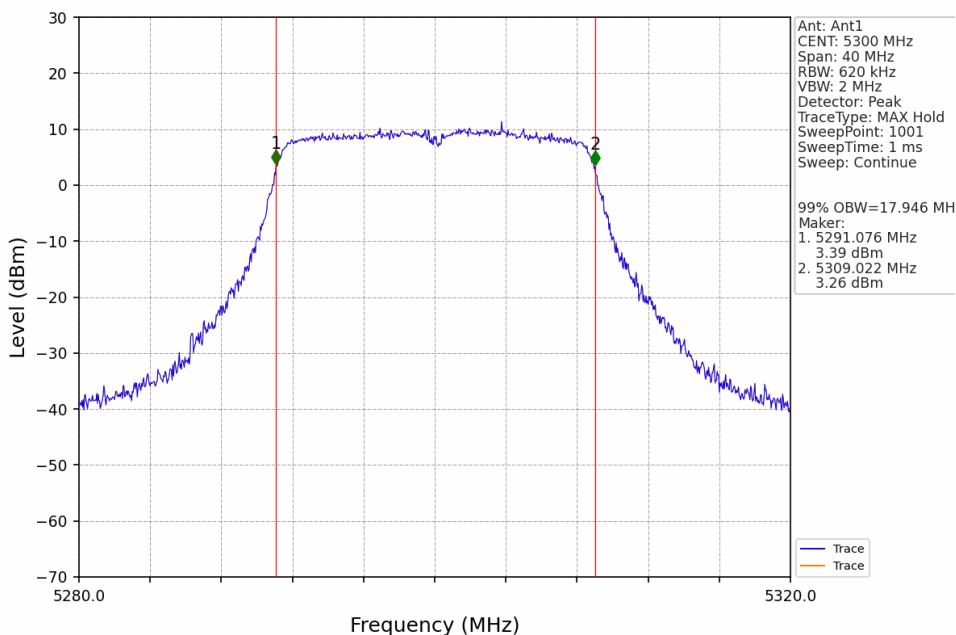
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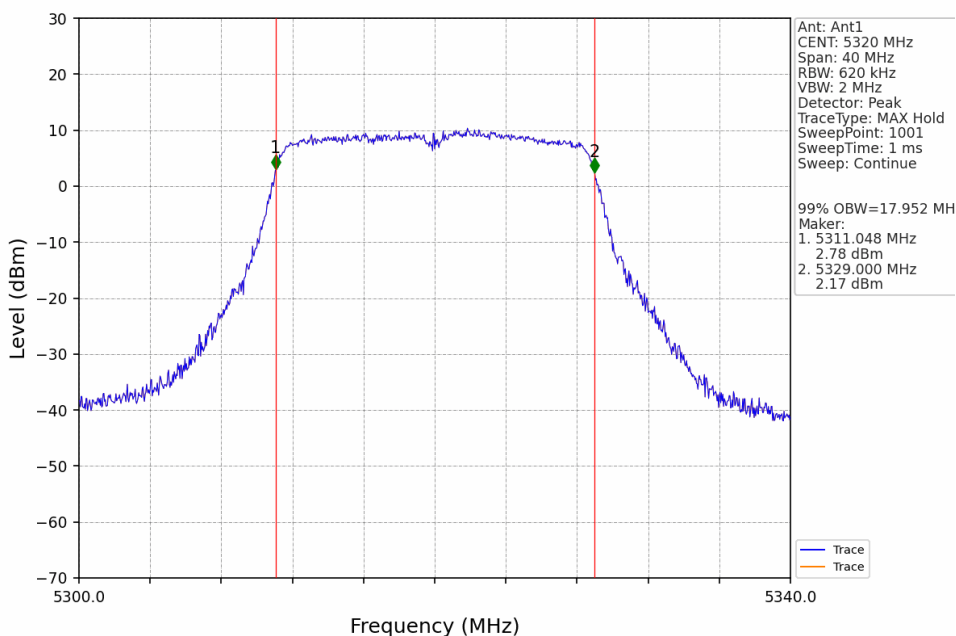
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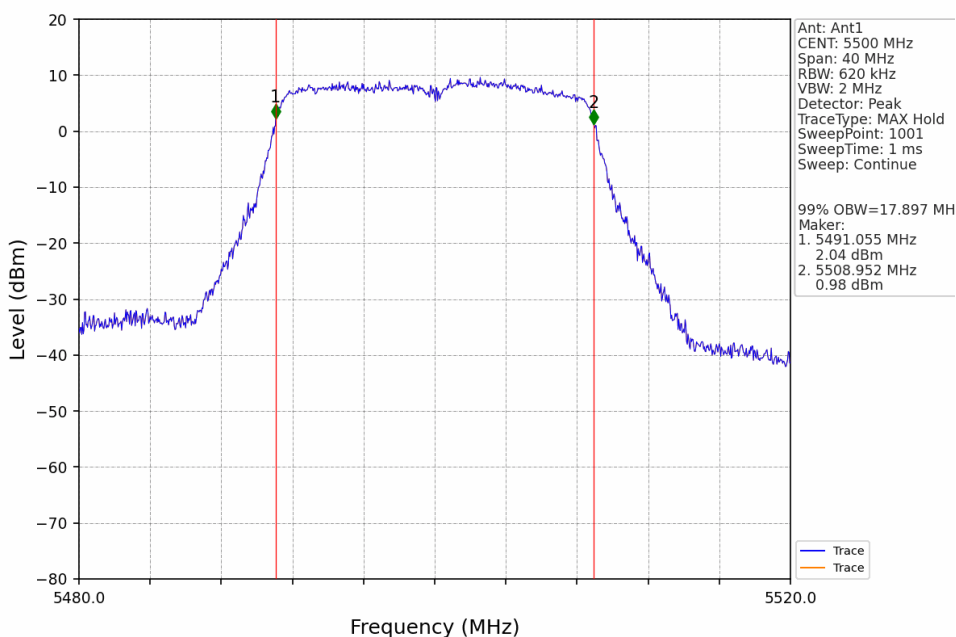
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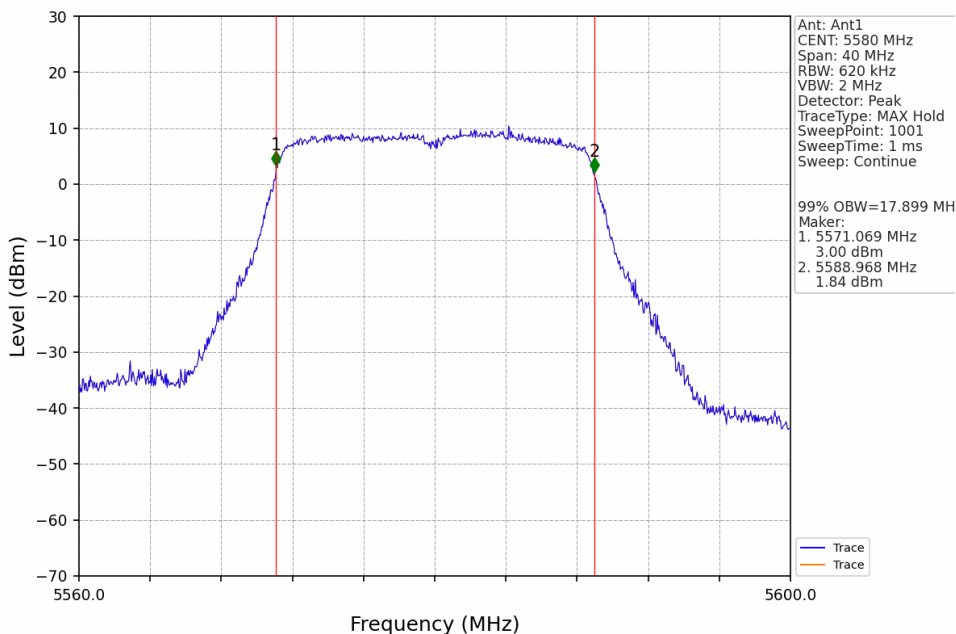
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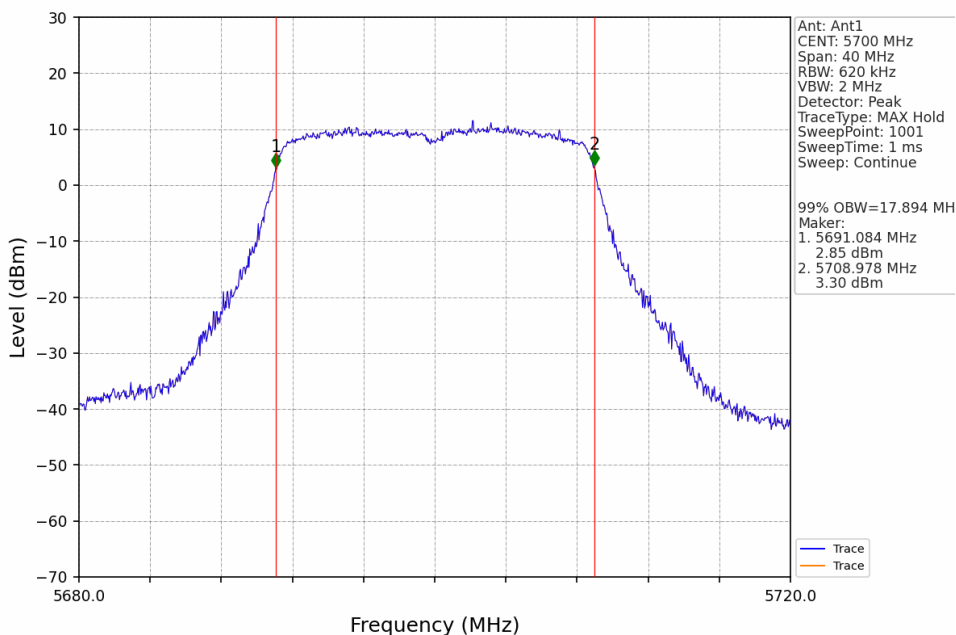
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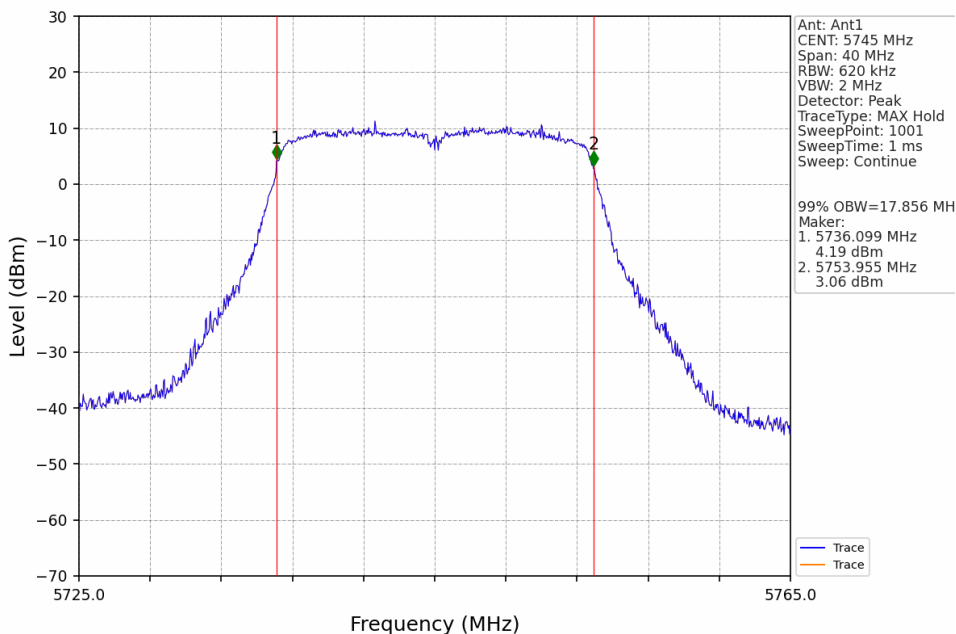
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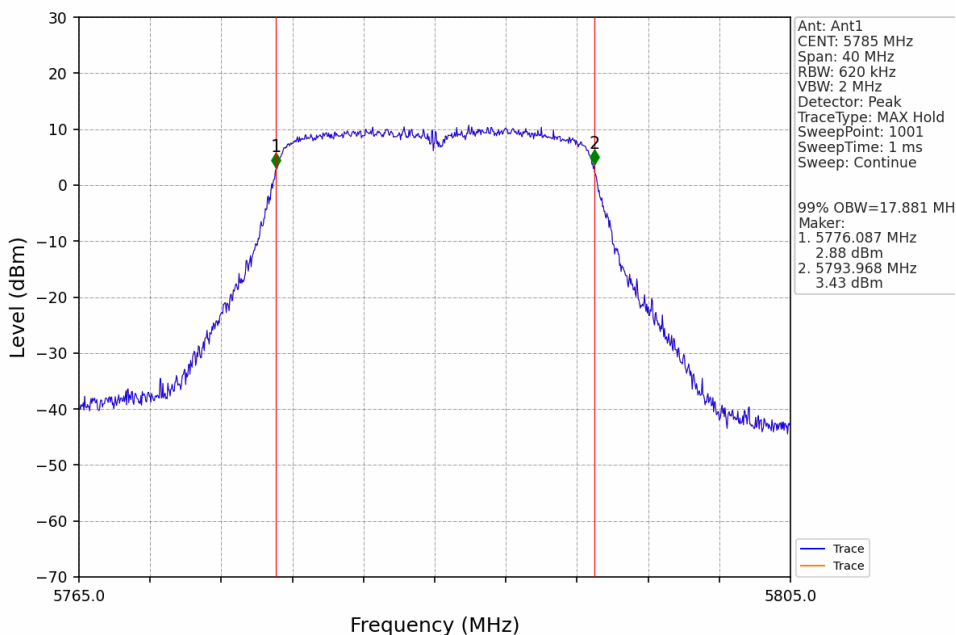
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



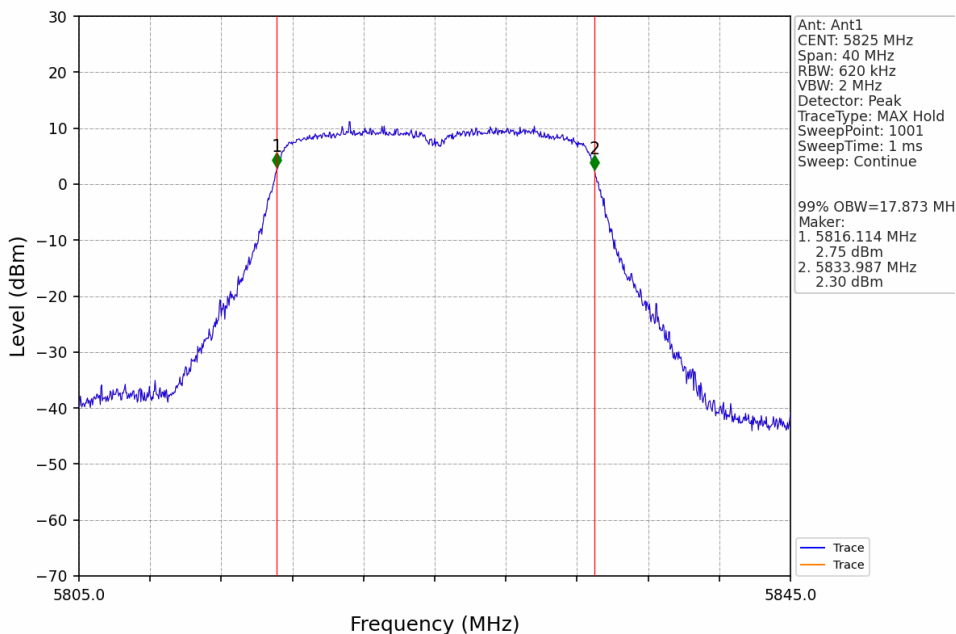
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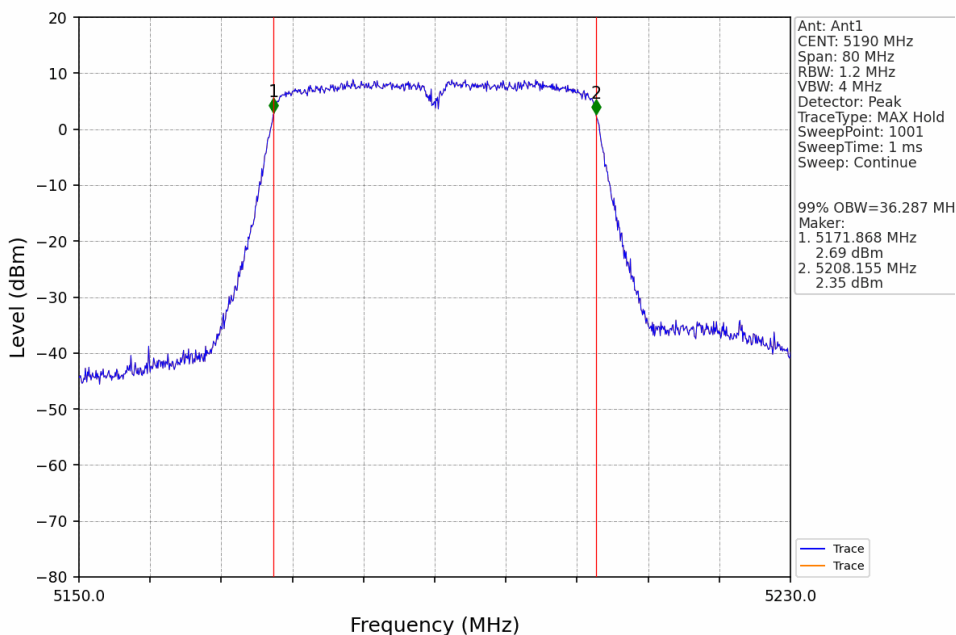
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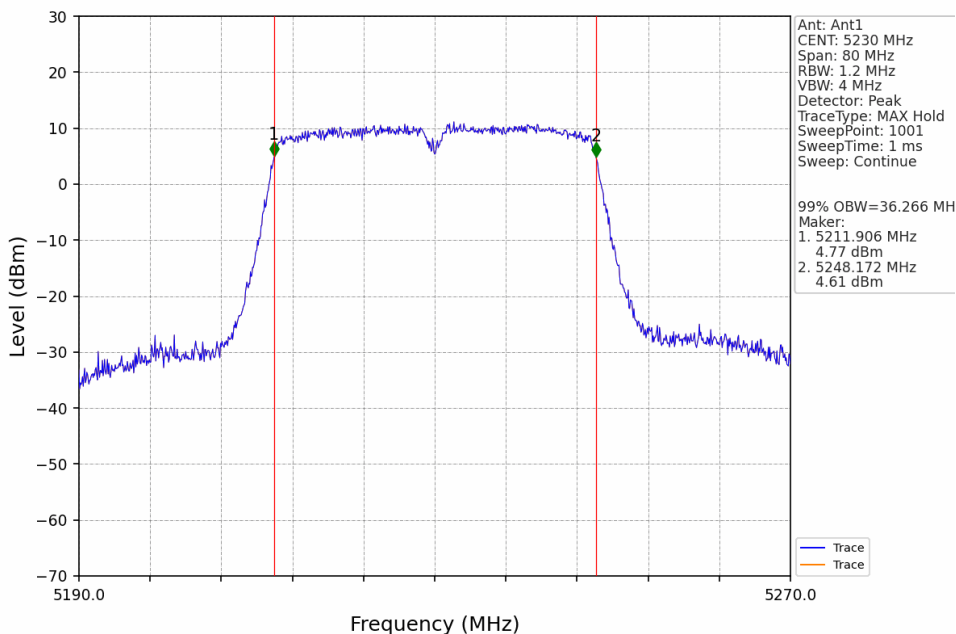
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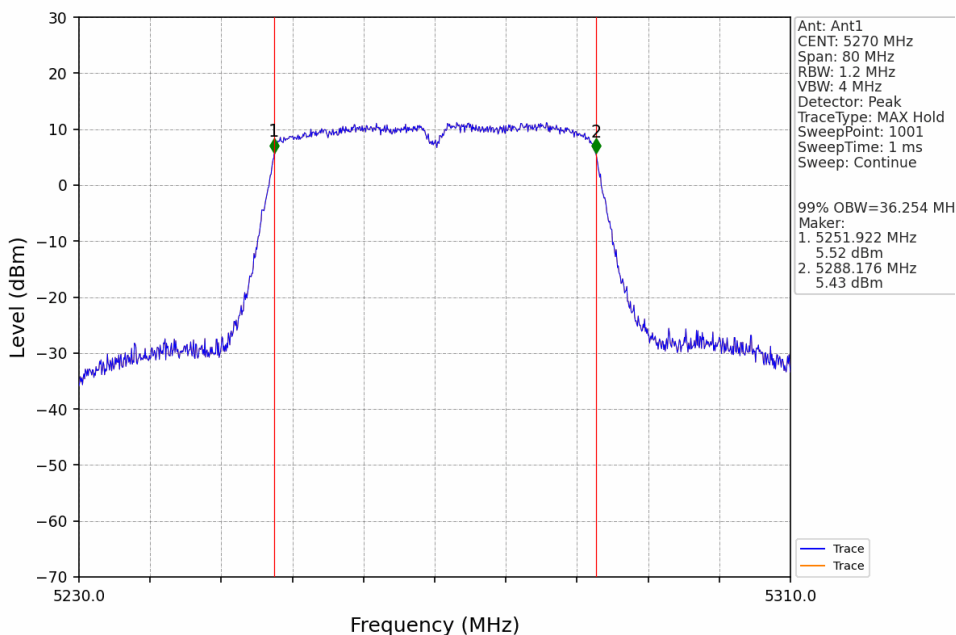
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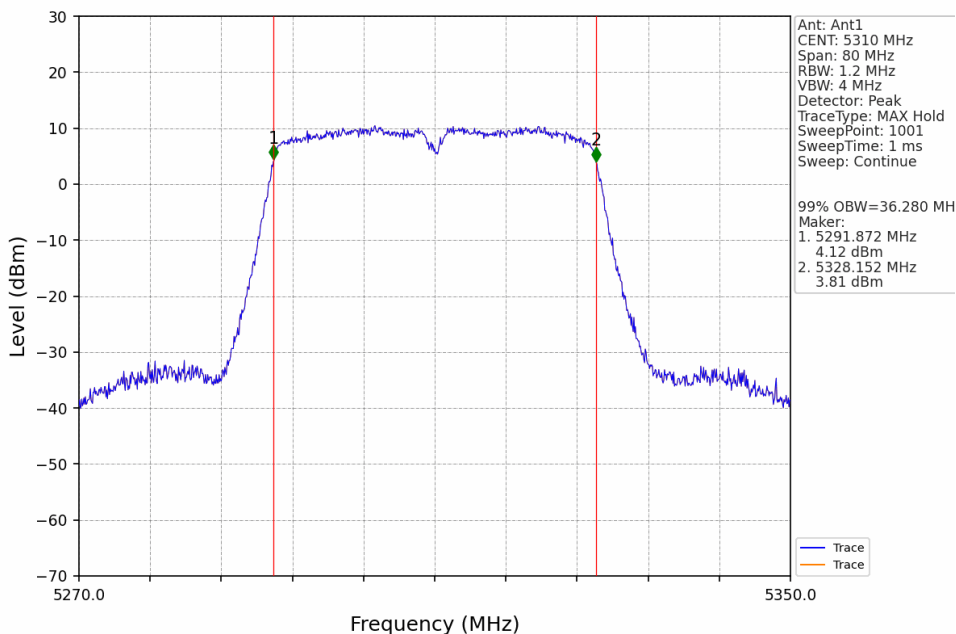
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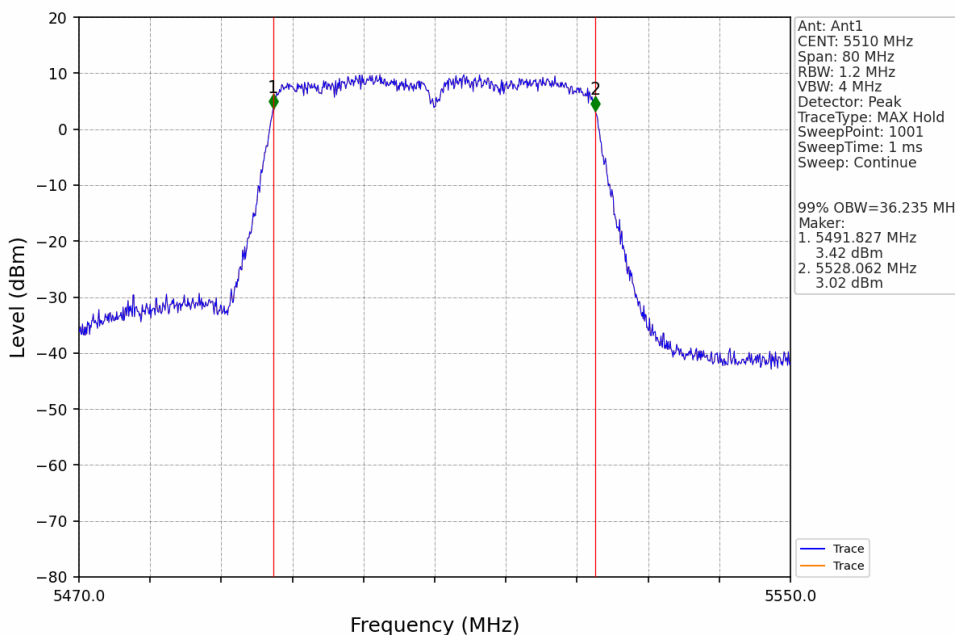
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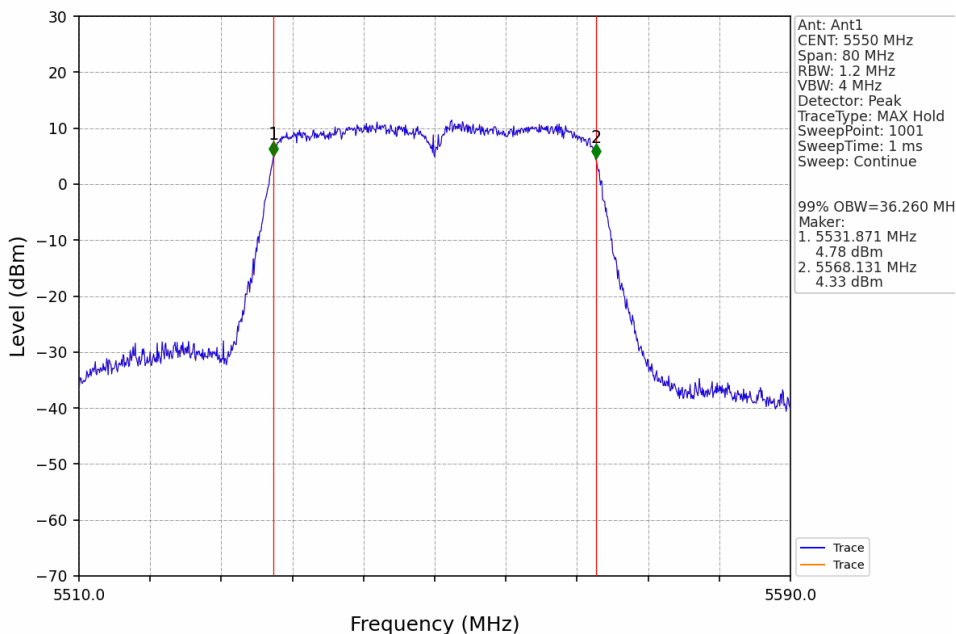
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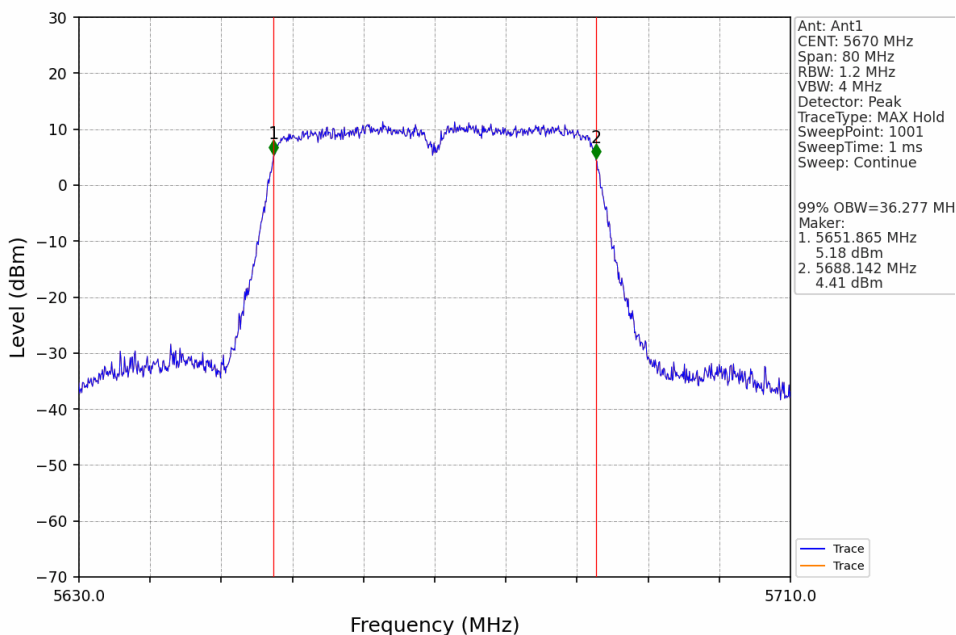
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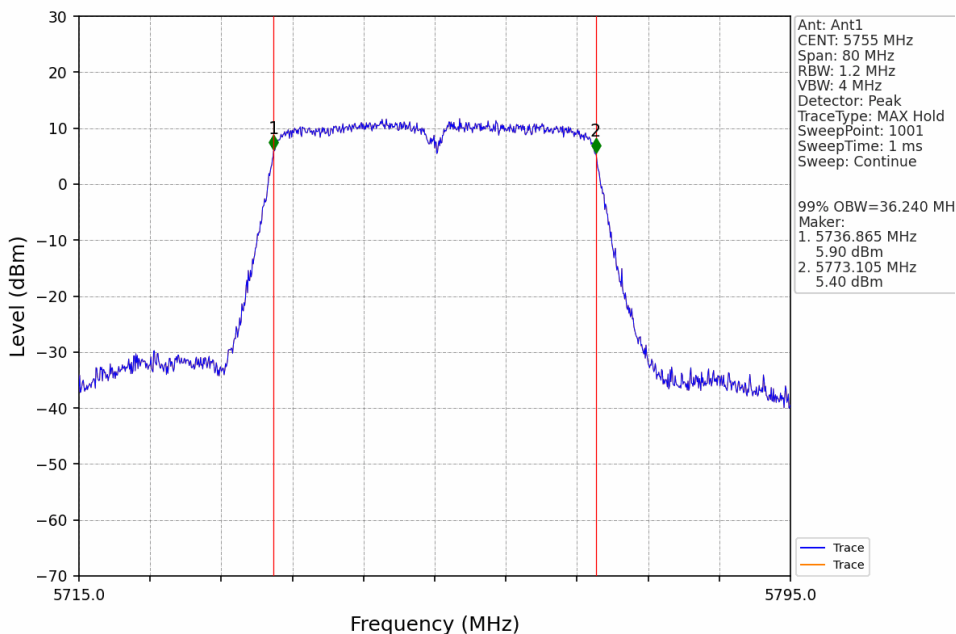
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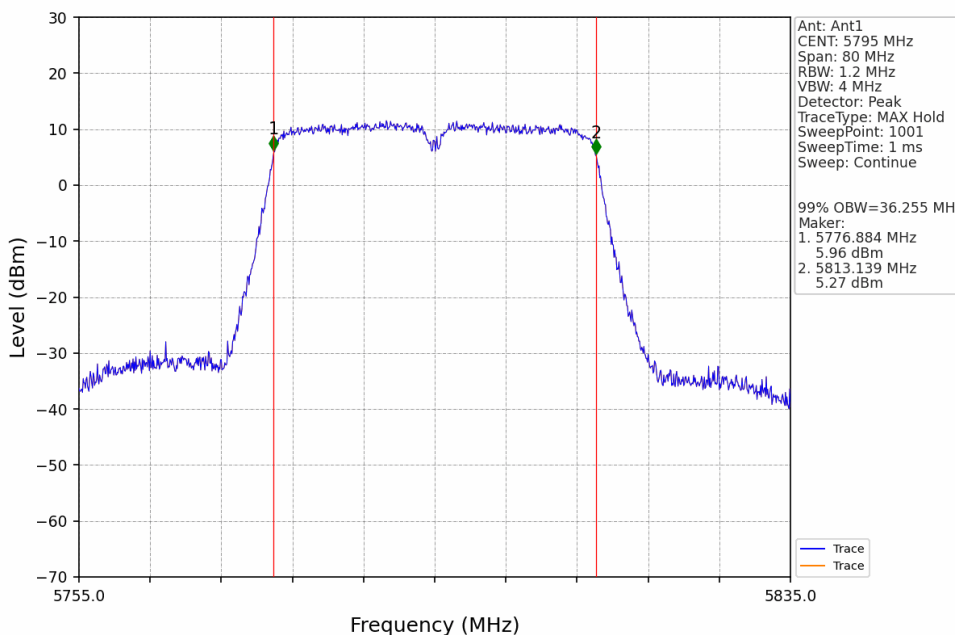
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



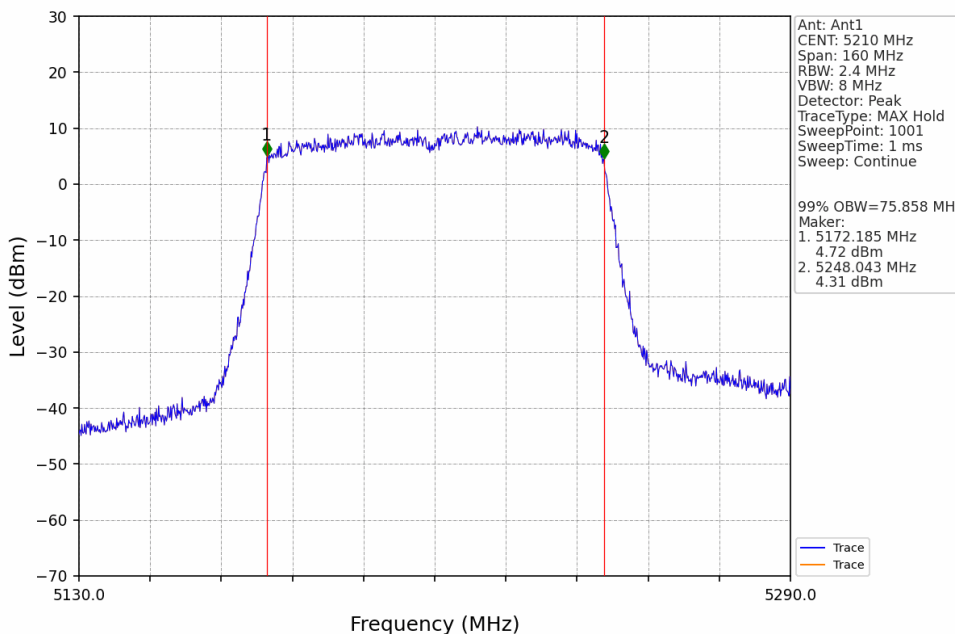
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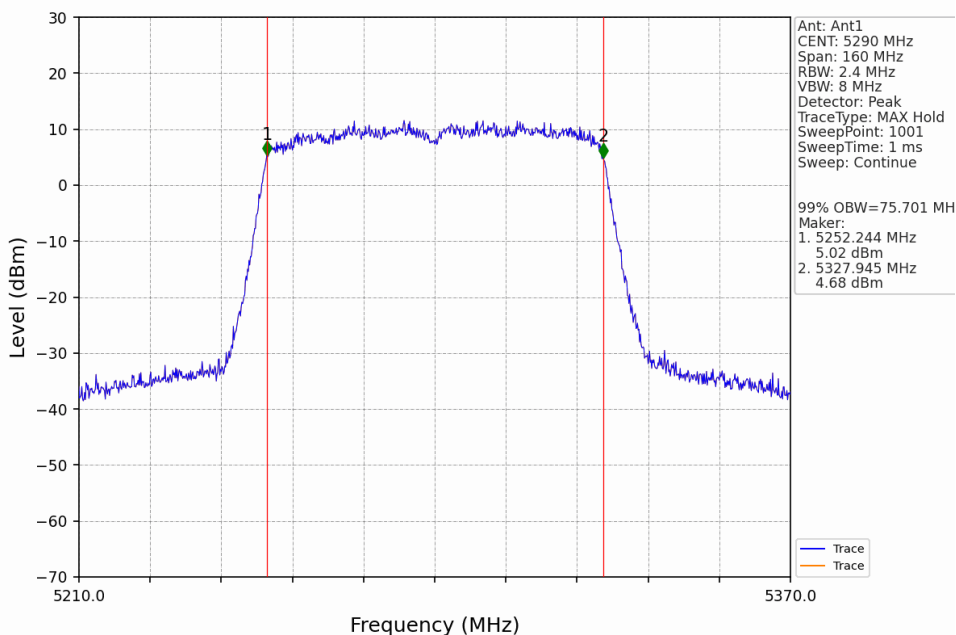
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



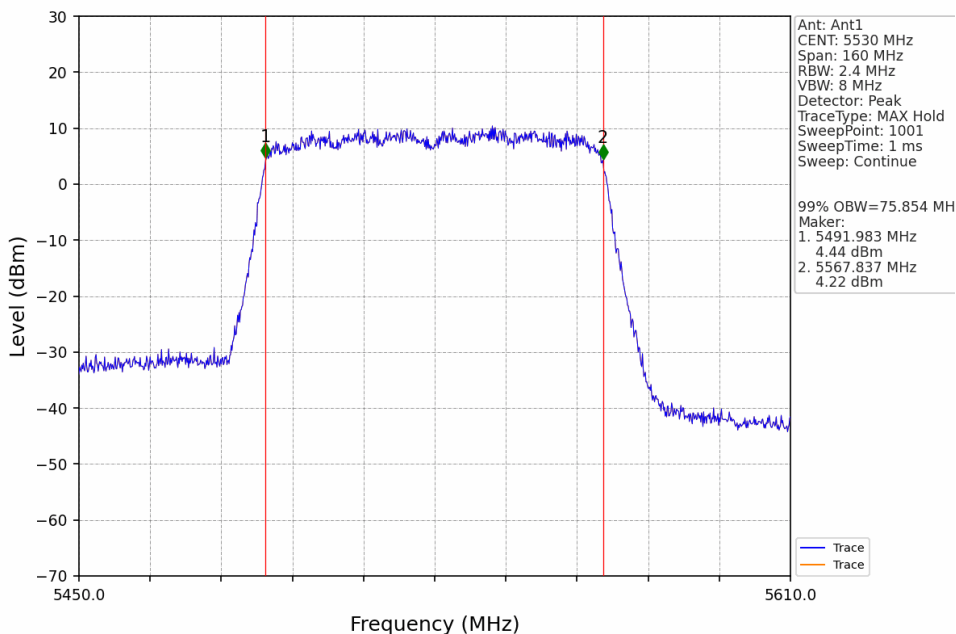
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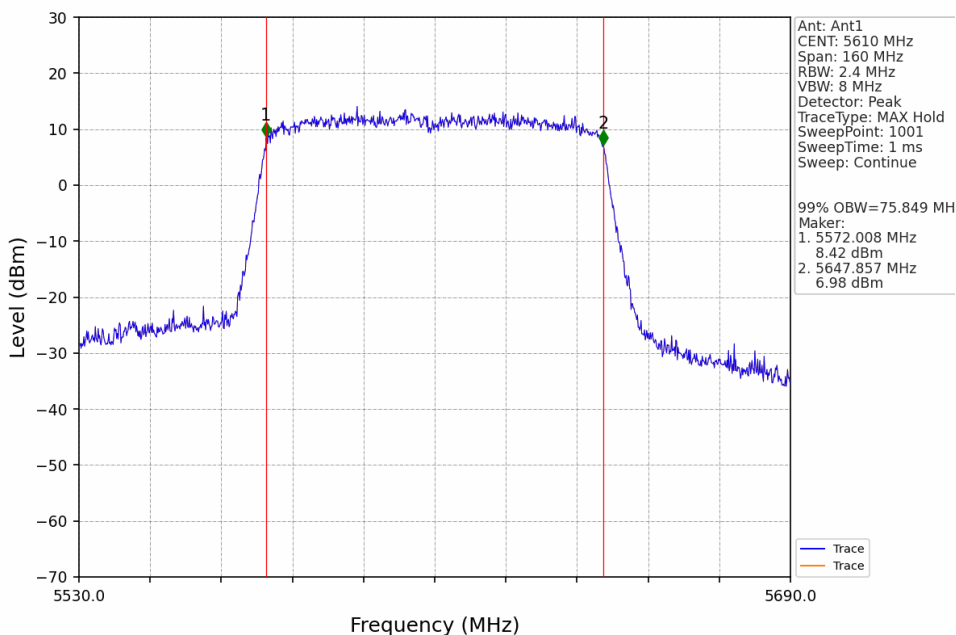
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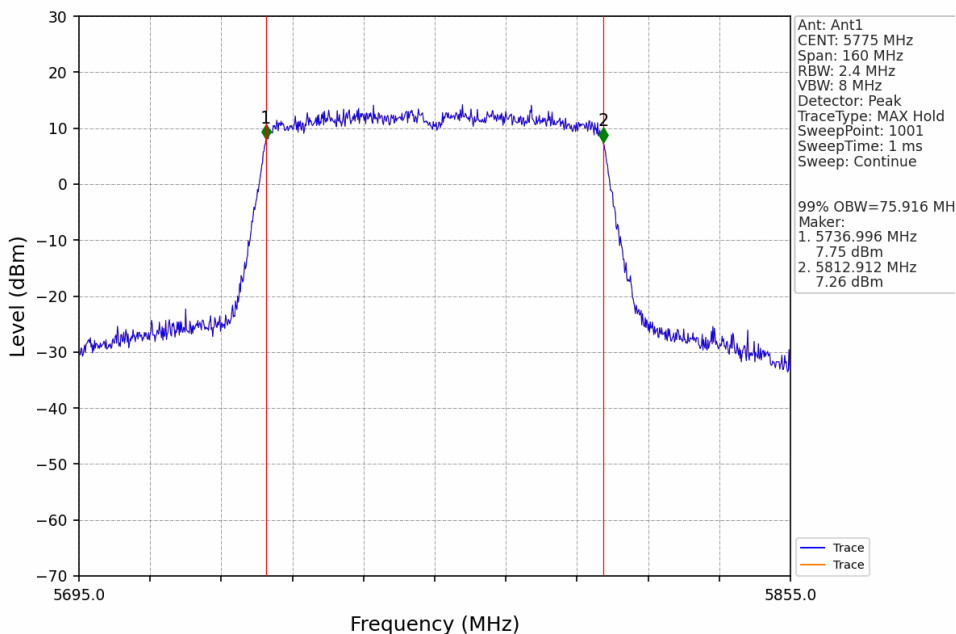
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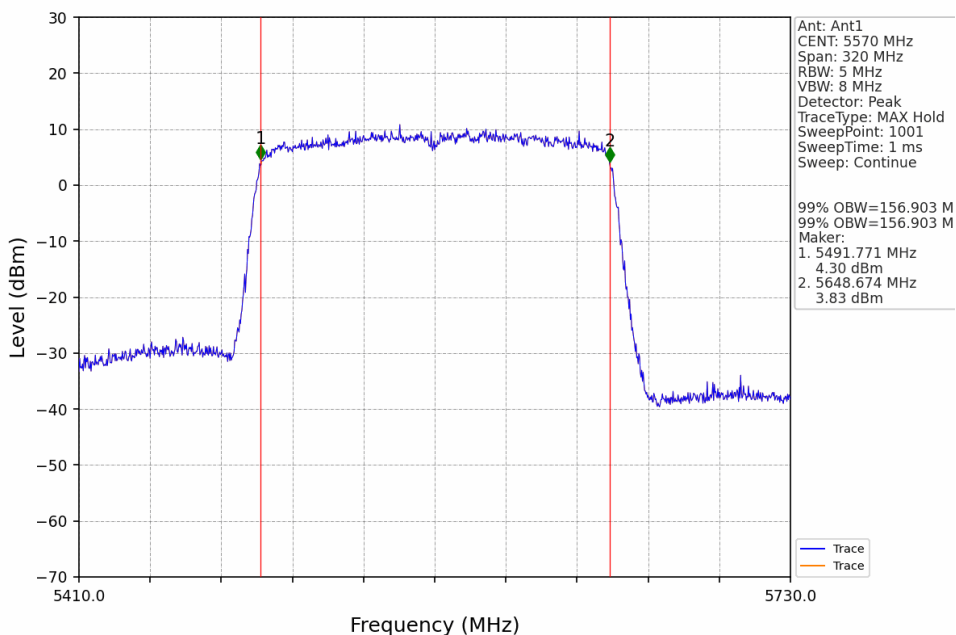
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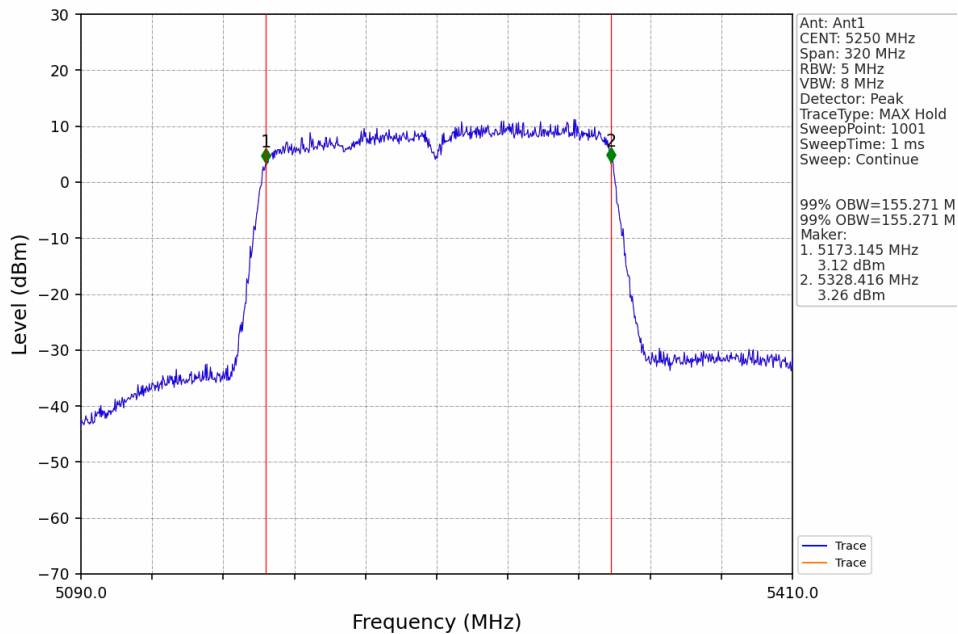
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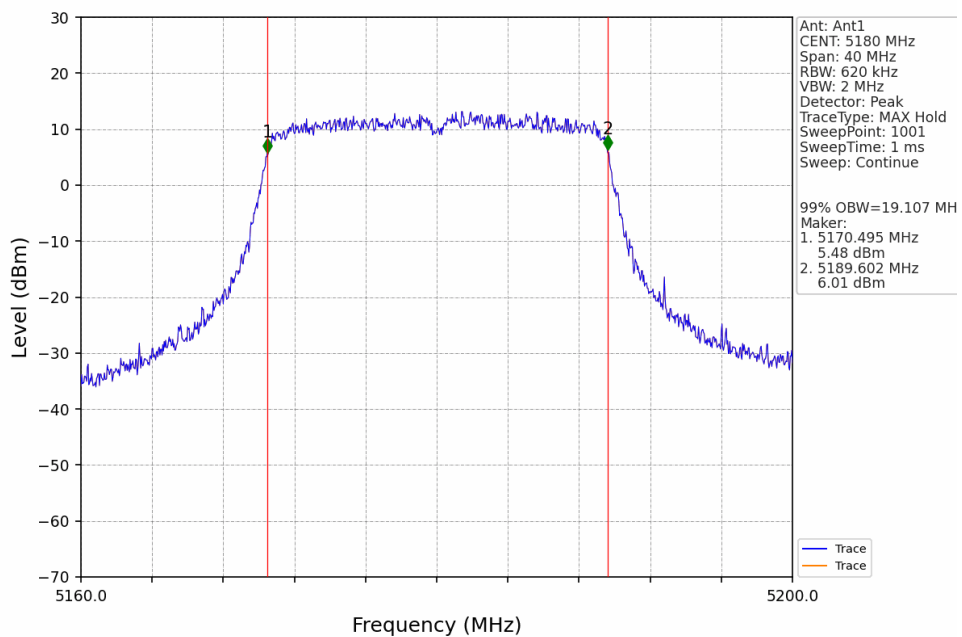
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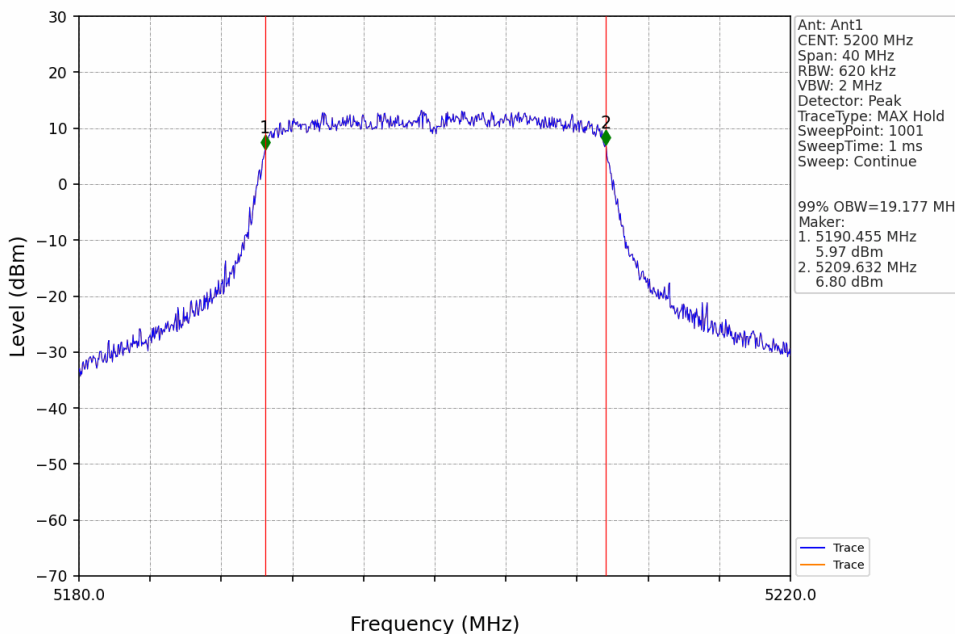
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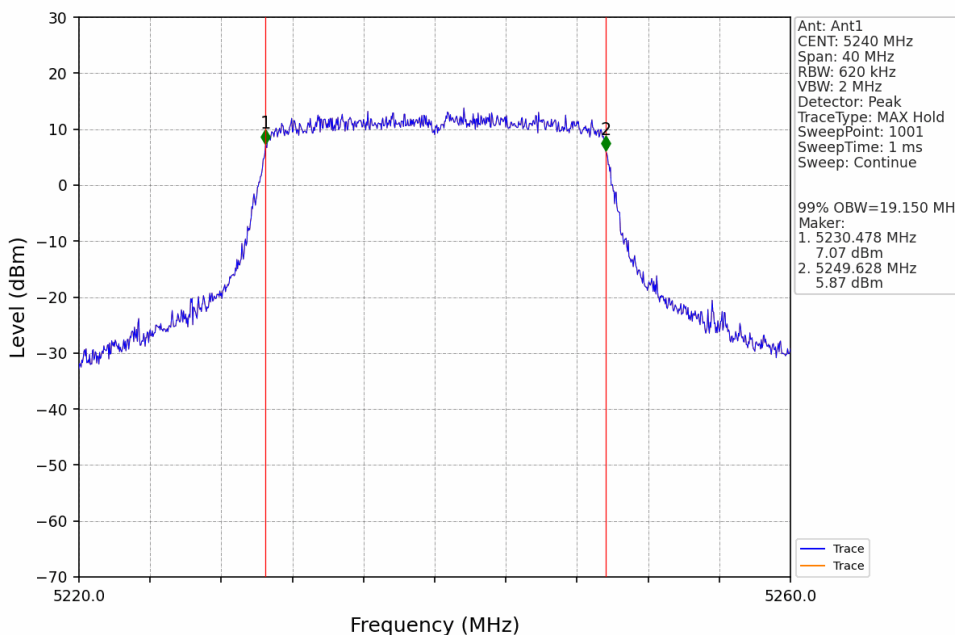
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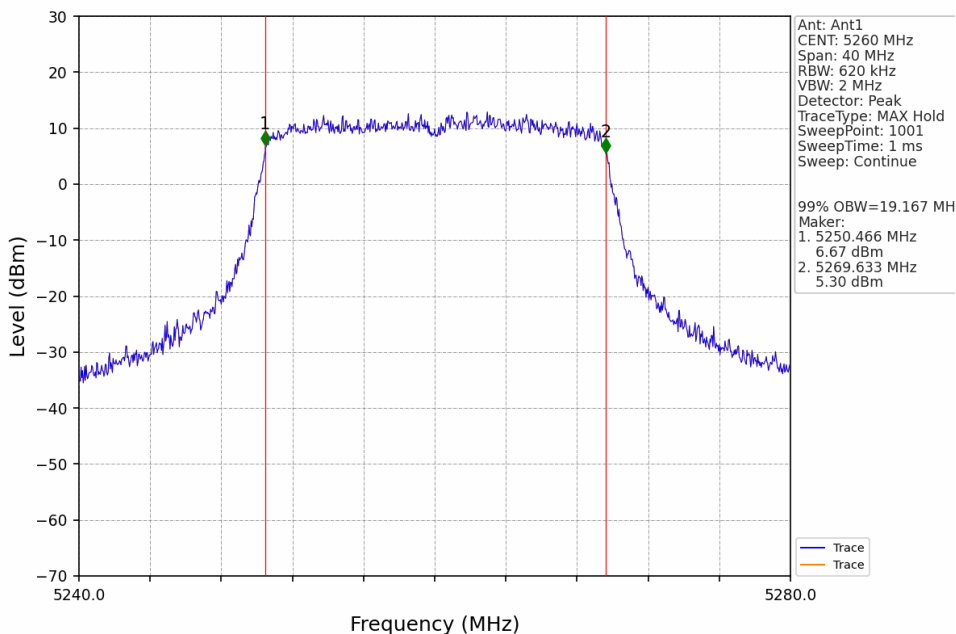
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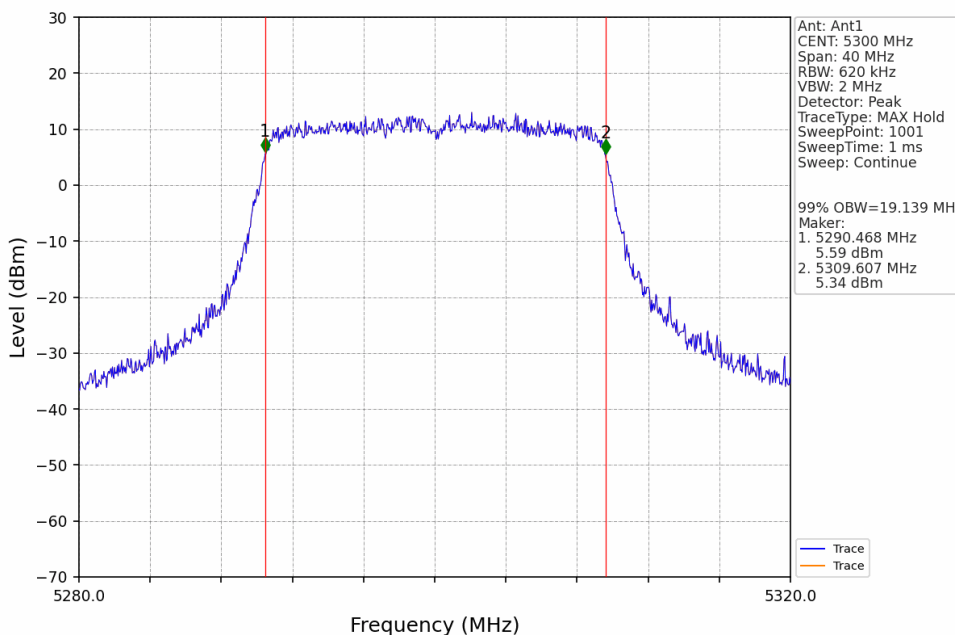
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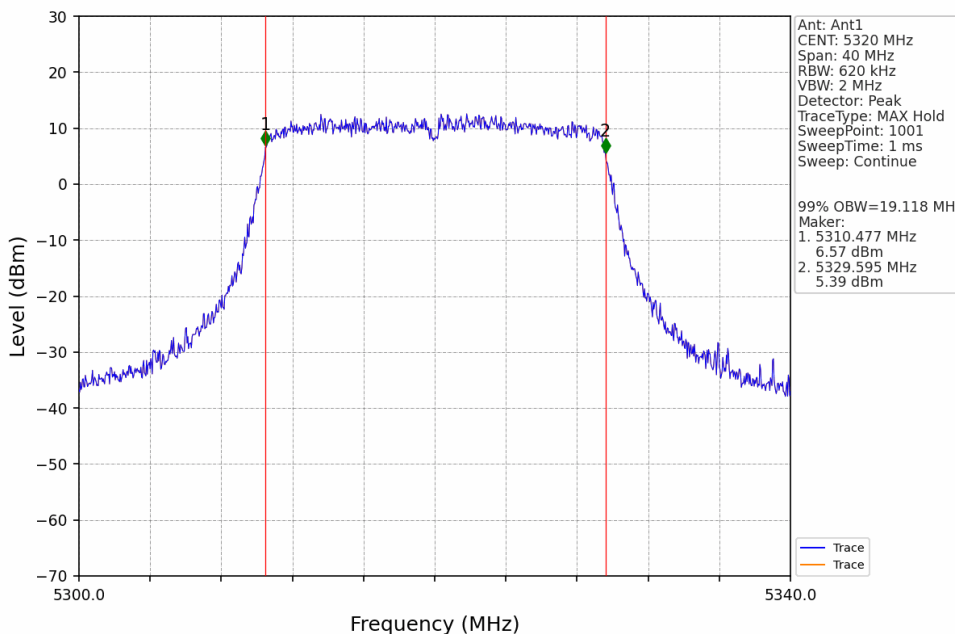
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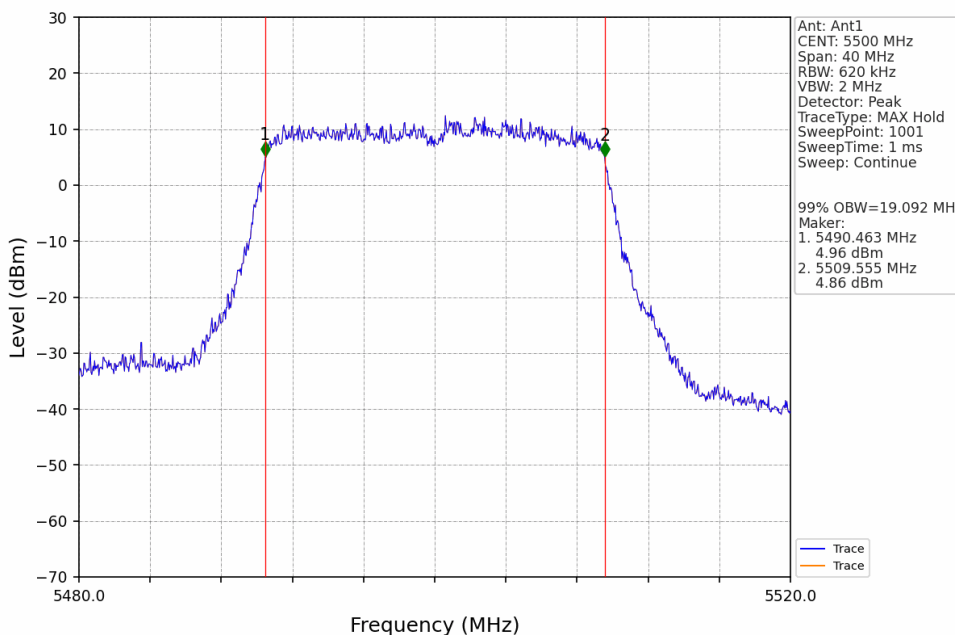
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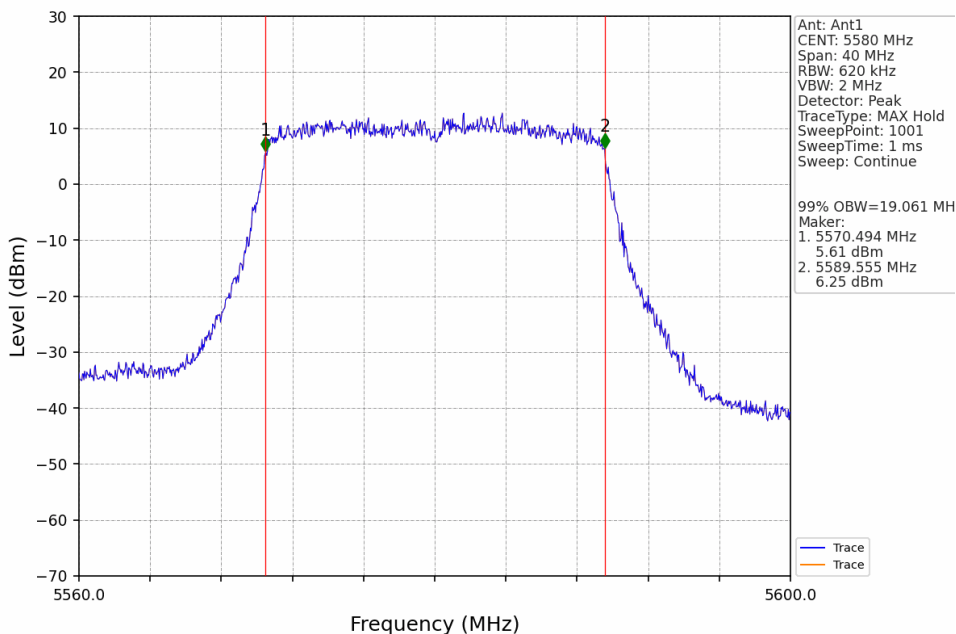
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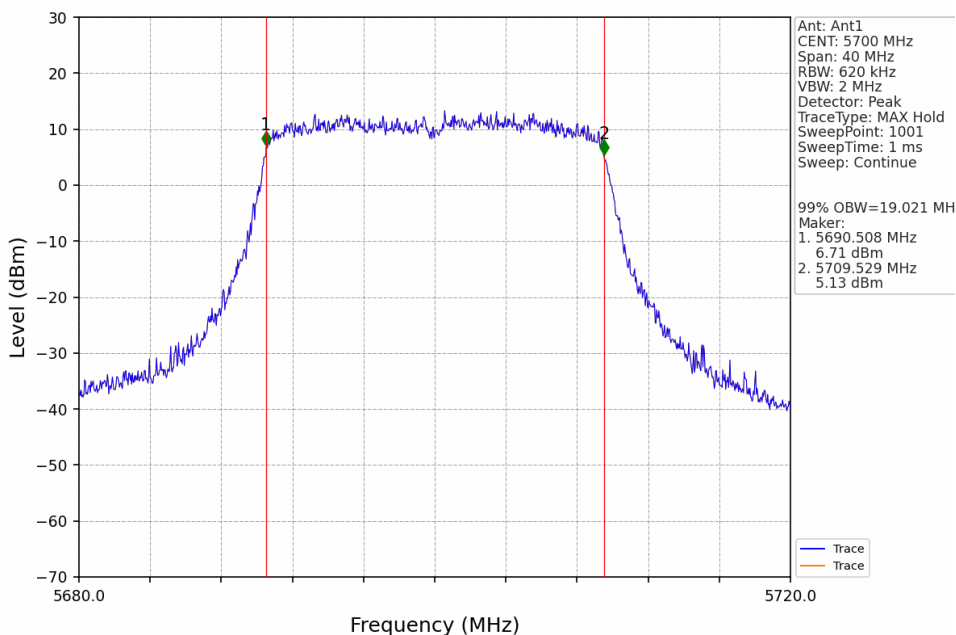
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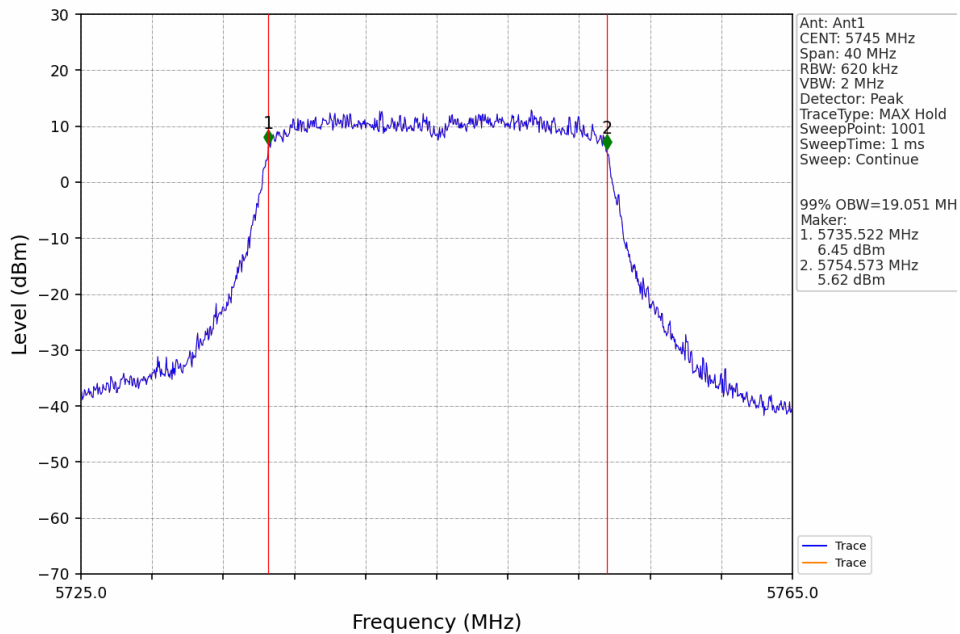
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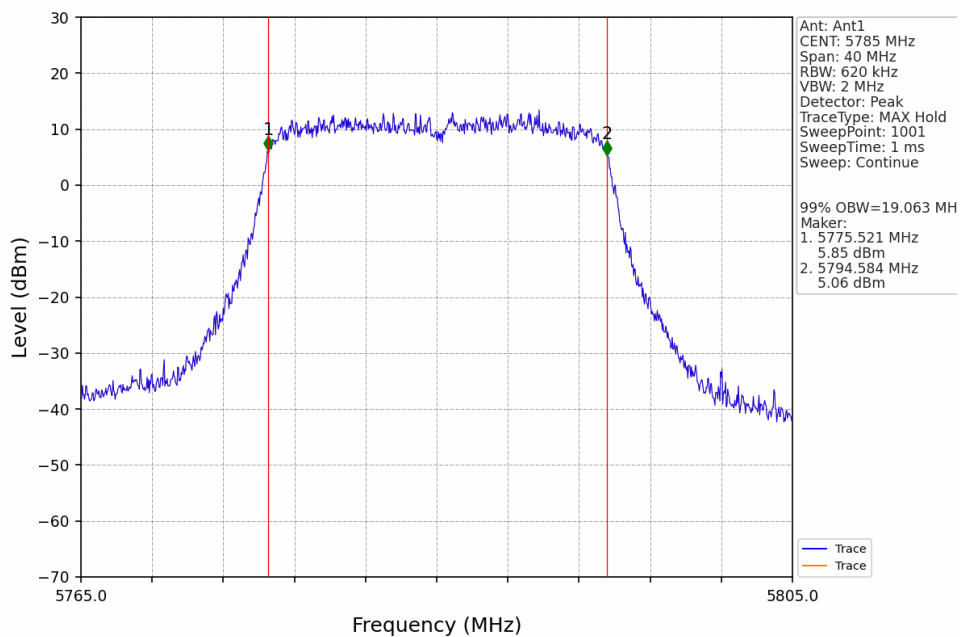
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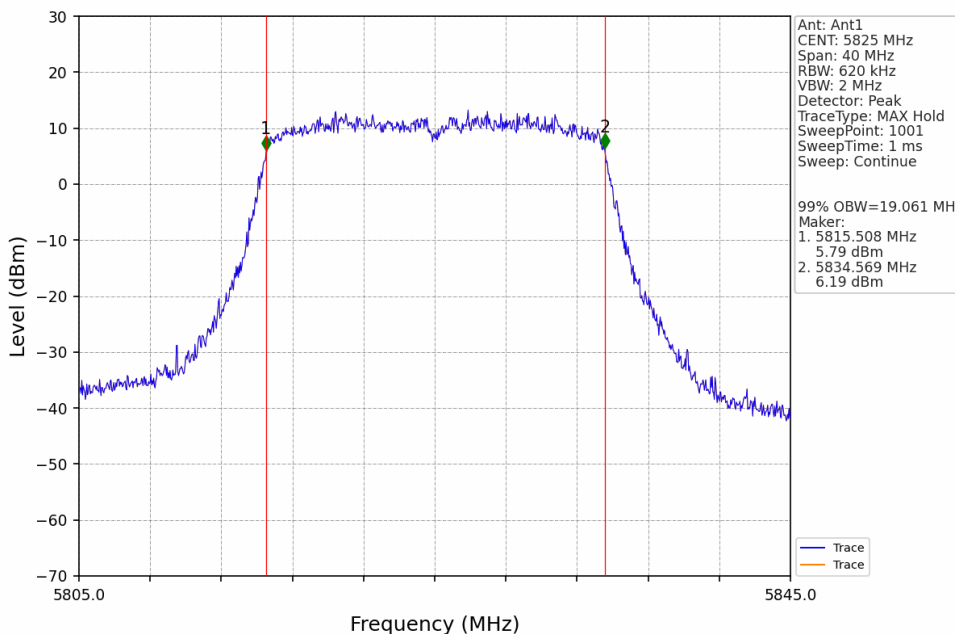
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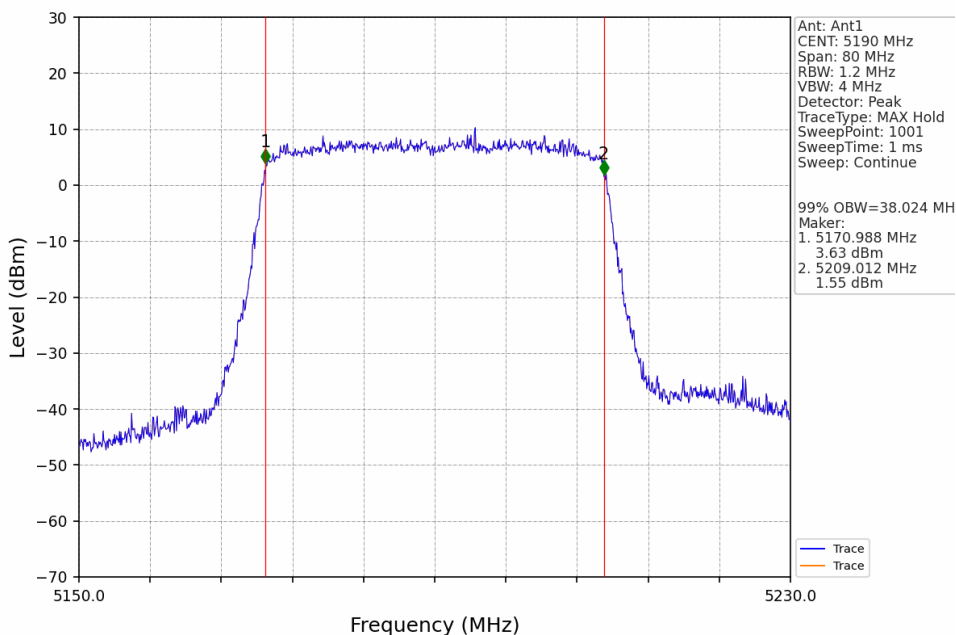
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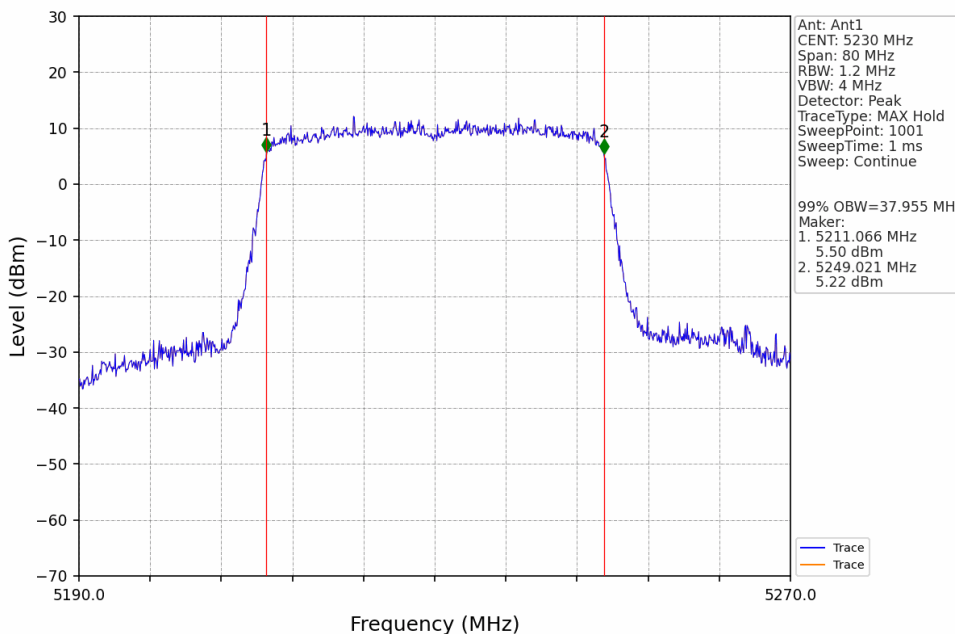
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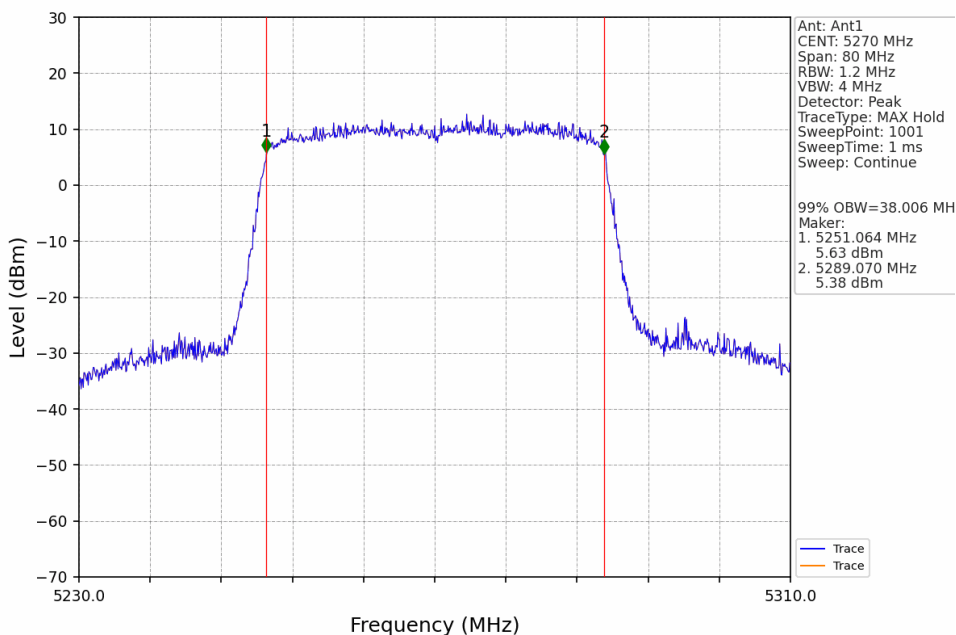
802.11ax(HEW40)_LCH_5190MHz_SU_Ant1_NTNV



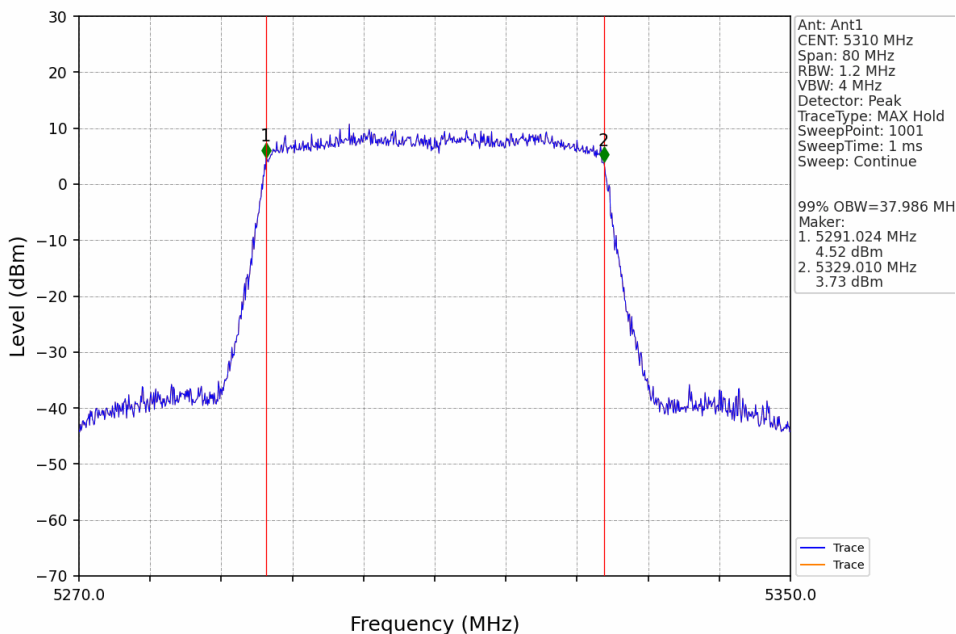
802.11ax(HEW40)_HCH_5230MHz_SU_Ant1_NTNV



802.11ax(HEW40)_LCH_5270MHz_SU_Ant1_NTNV



802.11ax(HEW40)_HCH_5310MHz_SU_Ant1_NTNV



802.11ax(HEW40)_LCH_5510MHz_SU_Ant1_NTNV

