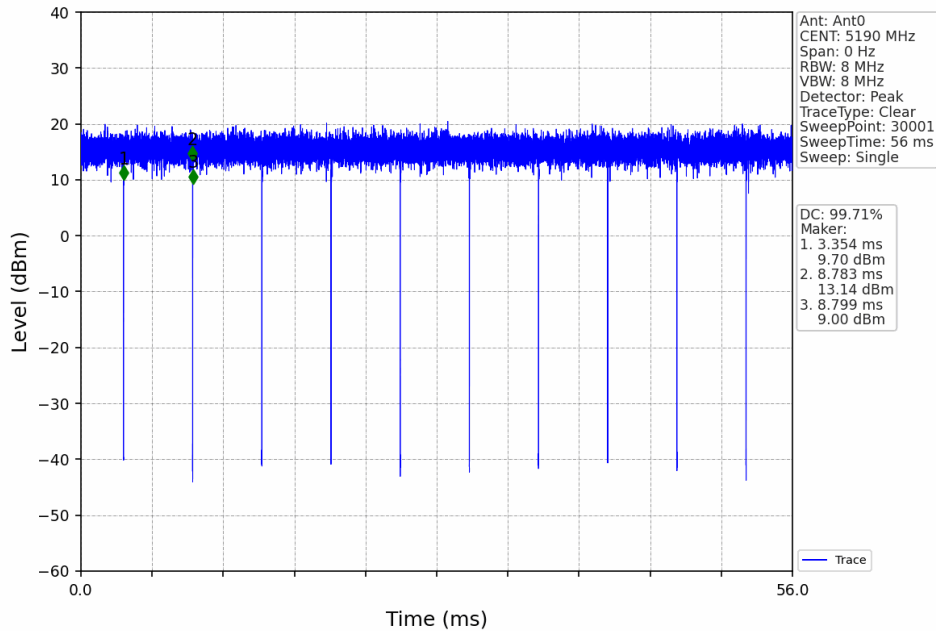
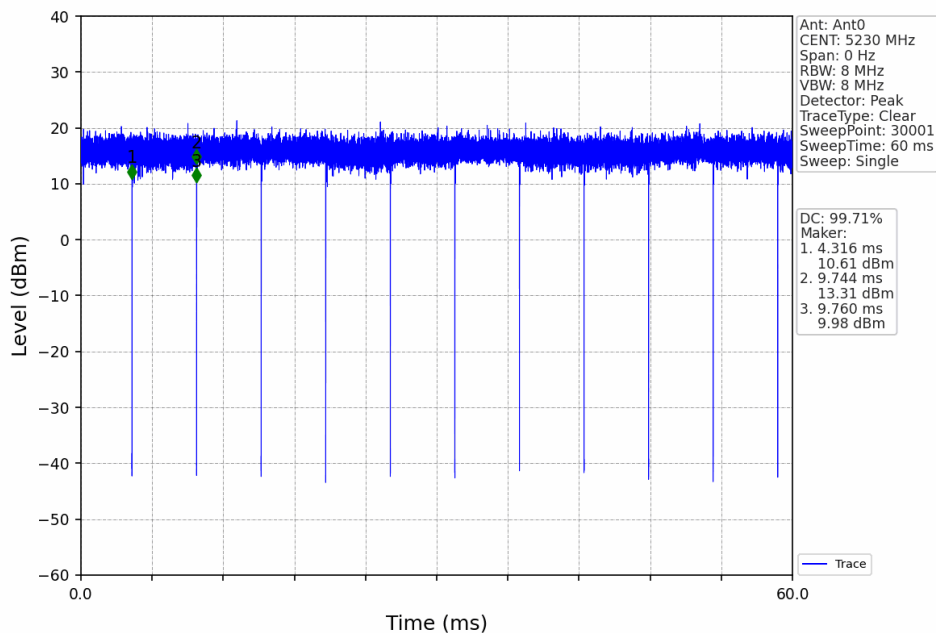


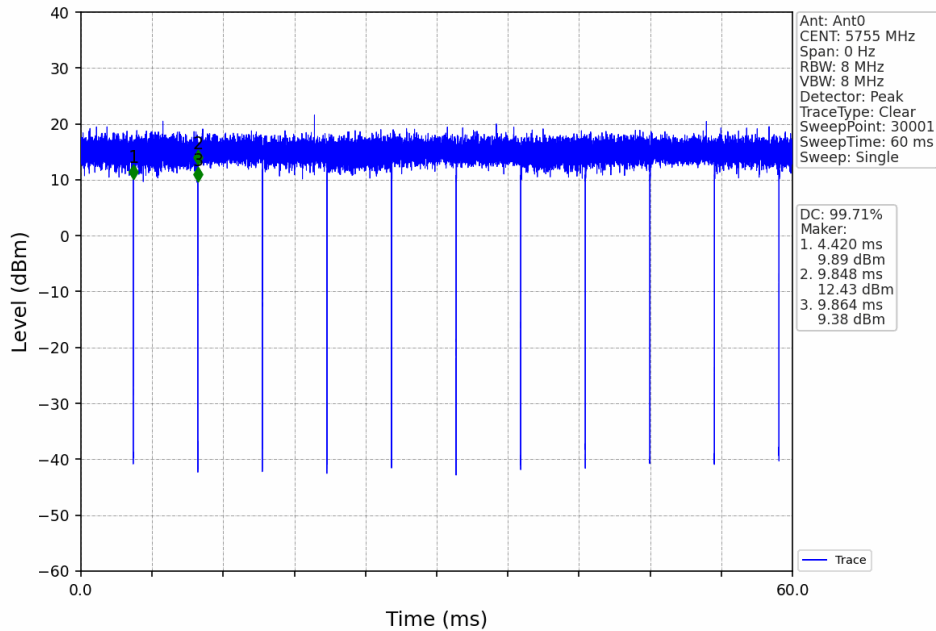
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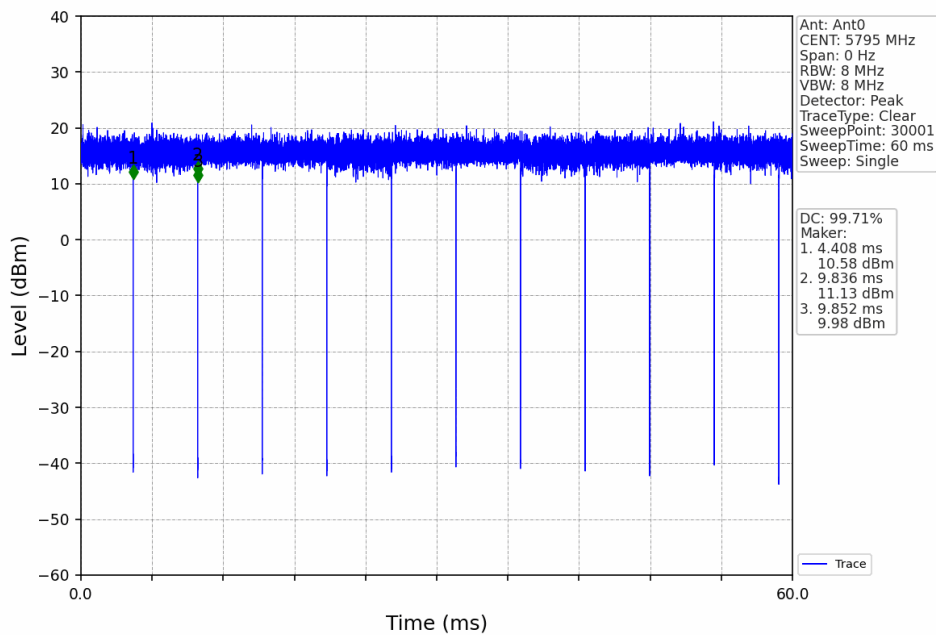
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802.11ac(VHT40)_LCH_5755MHz_Ant0_NTNV



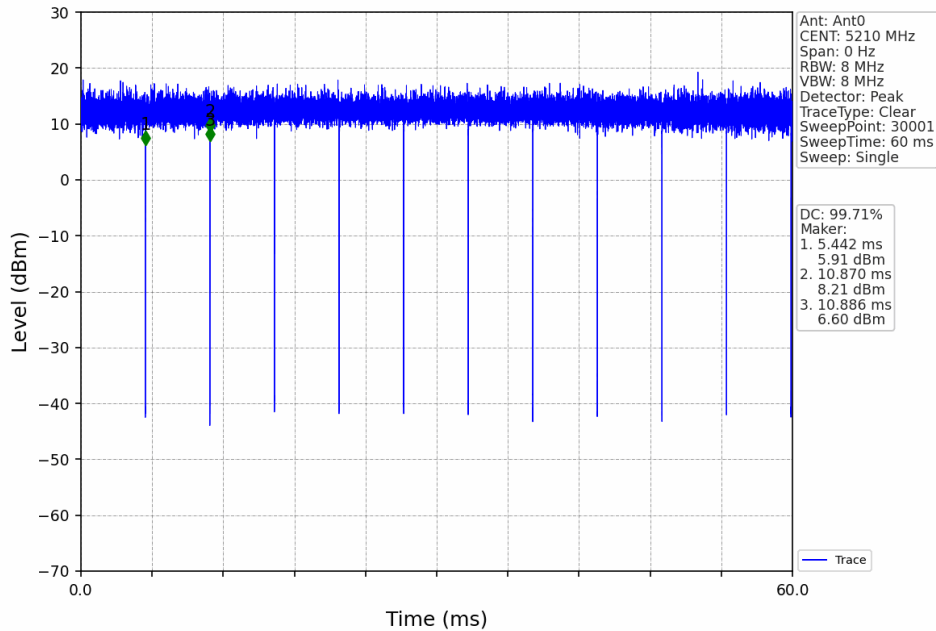
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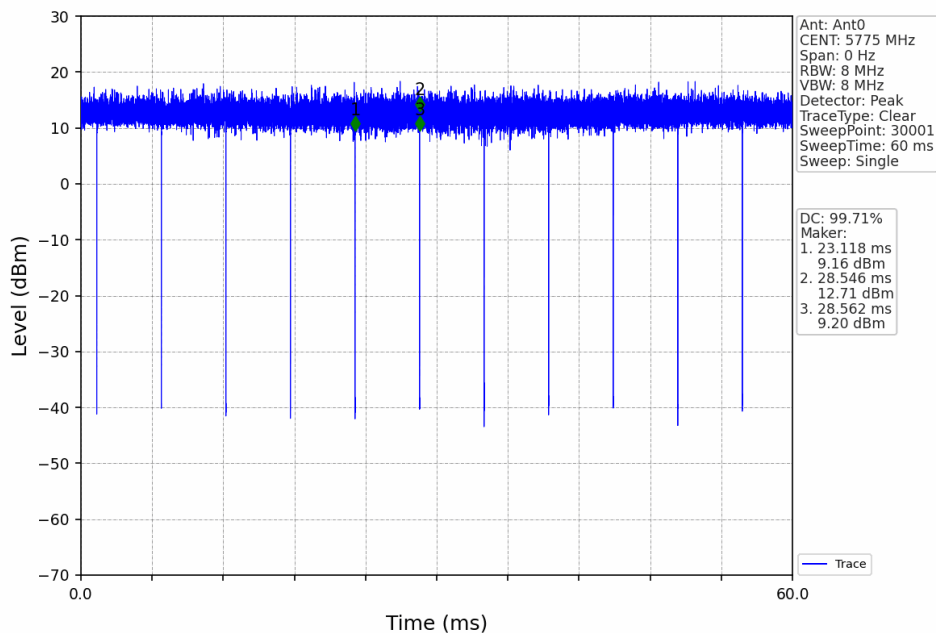
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802.11ac(VHT80)_MCH_5210MHz_Ant0_NTNV



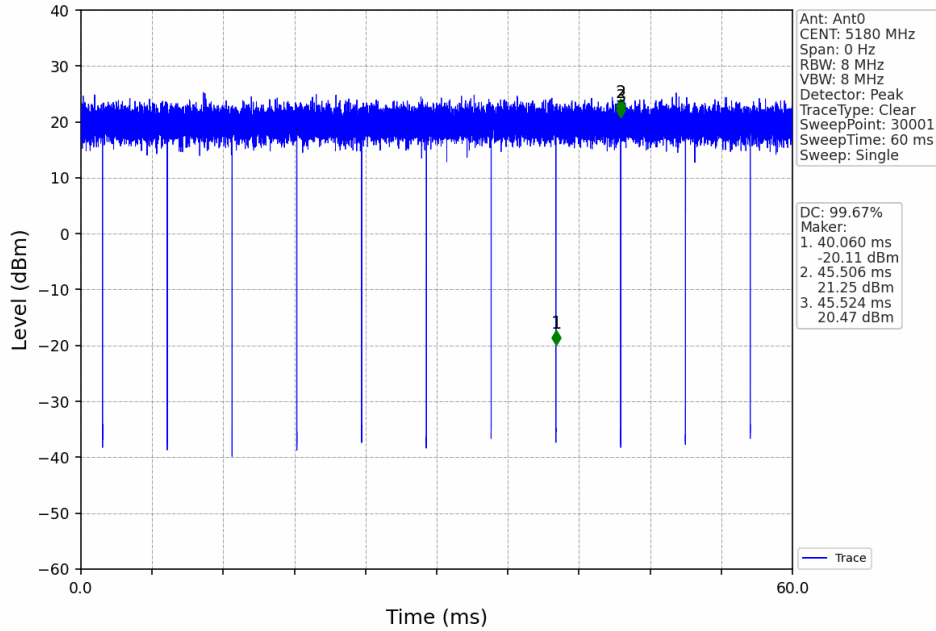
802.11ac(VHT80)_MCH_5775MHz_Ant0_NTNV



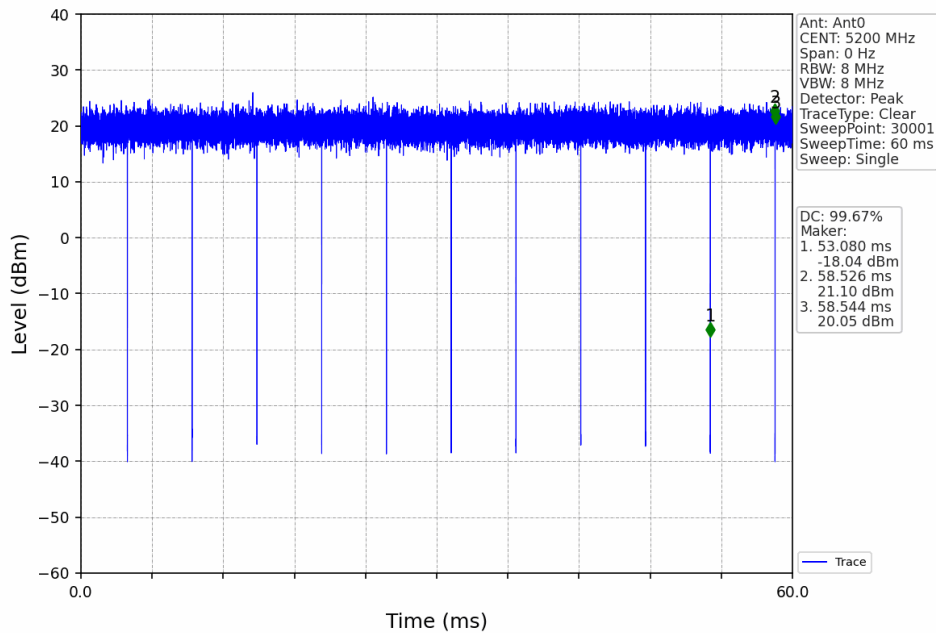
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802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant0_NTNV



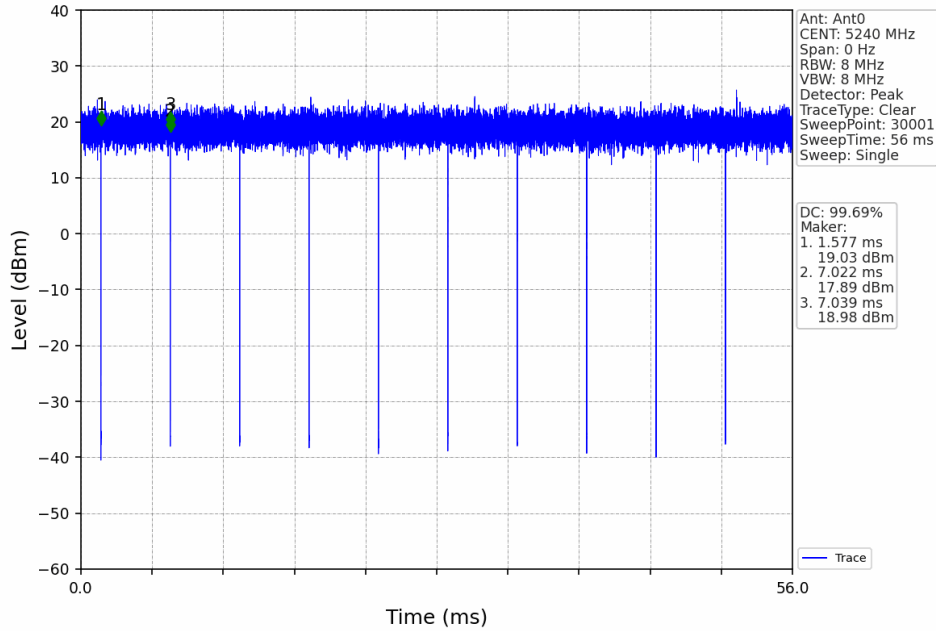
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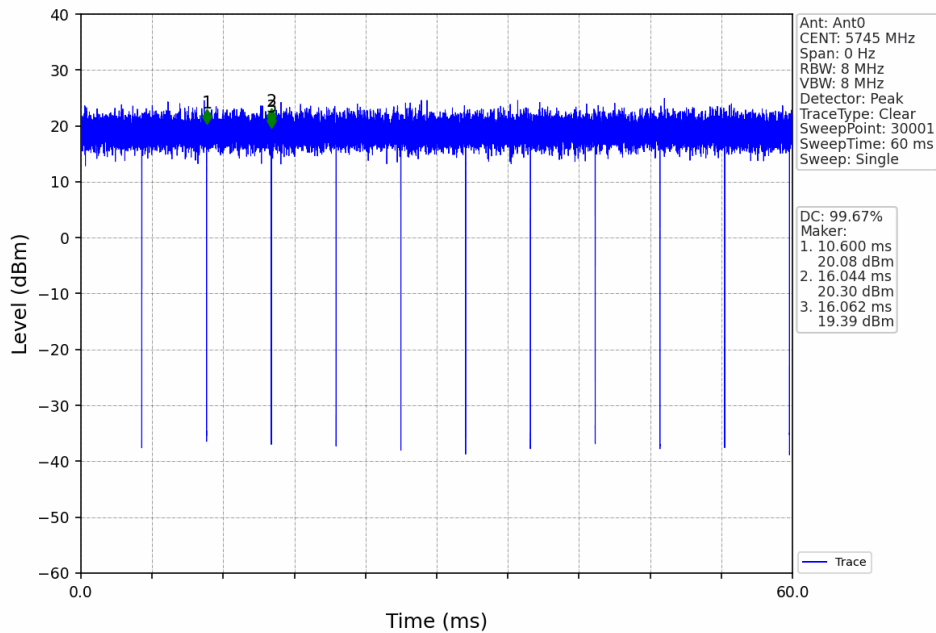
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802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant0_NTNV



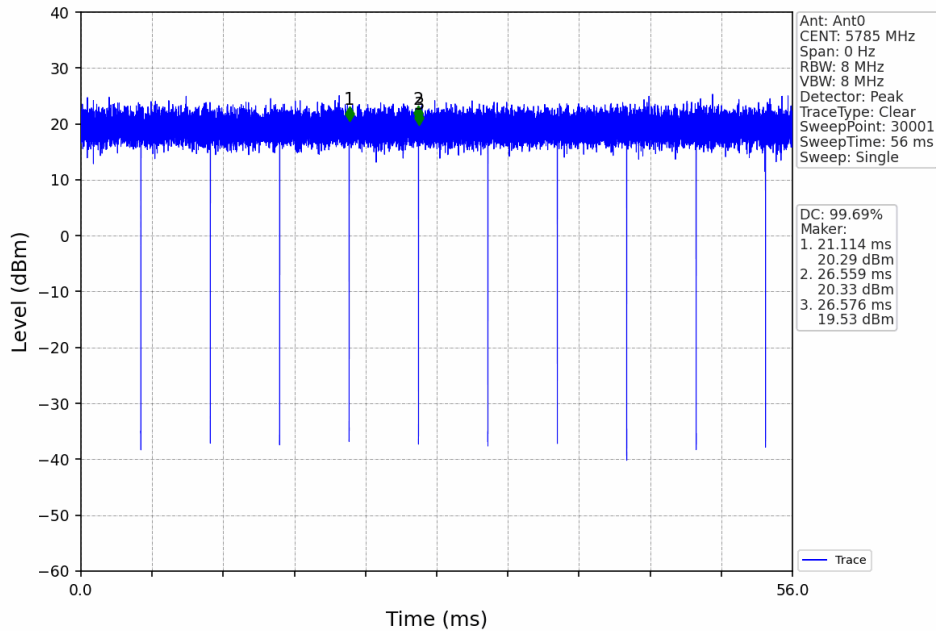
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant0_NTNV



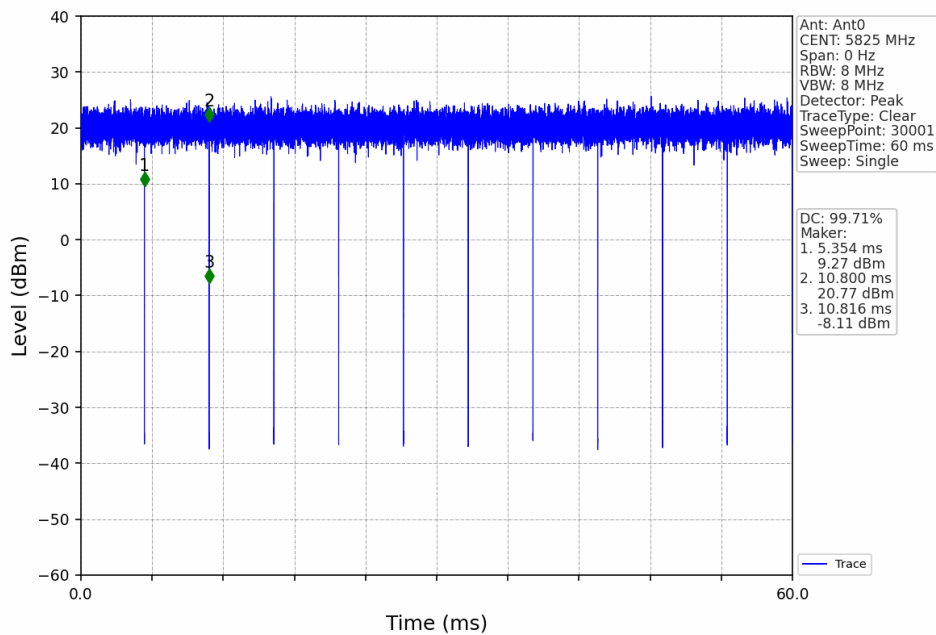
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802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant0_NTNV



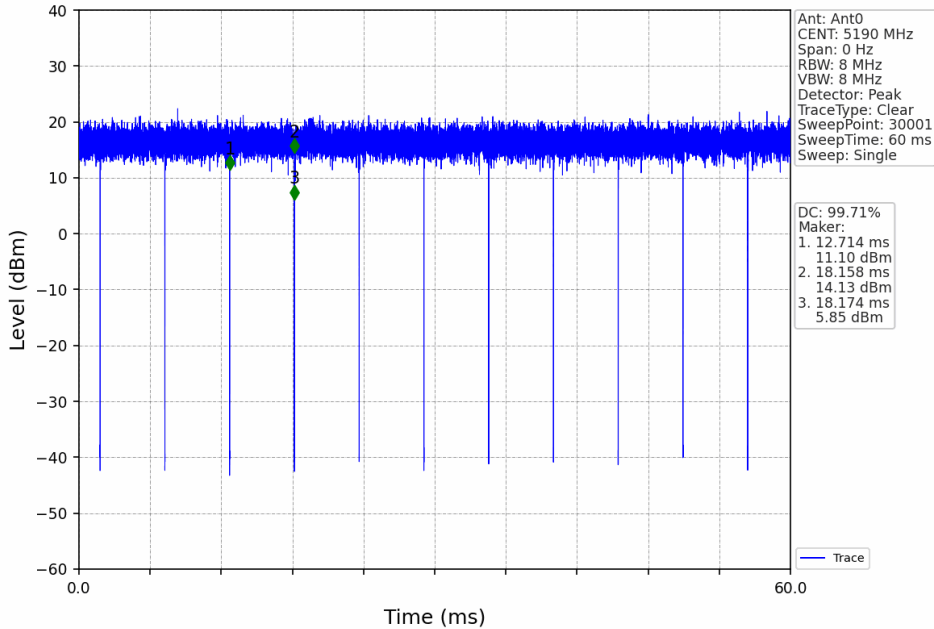
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant0_NTNV



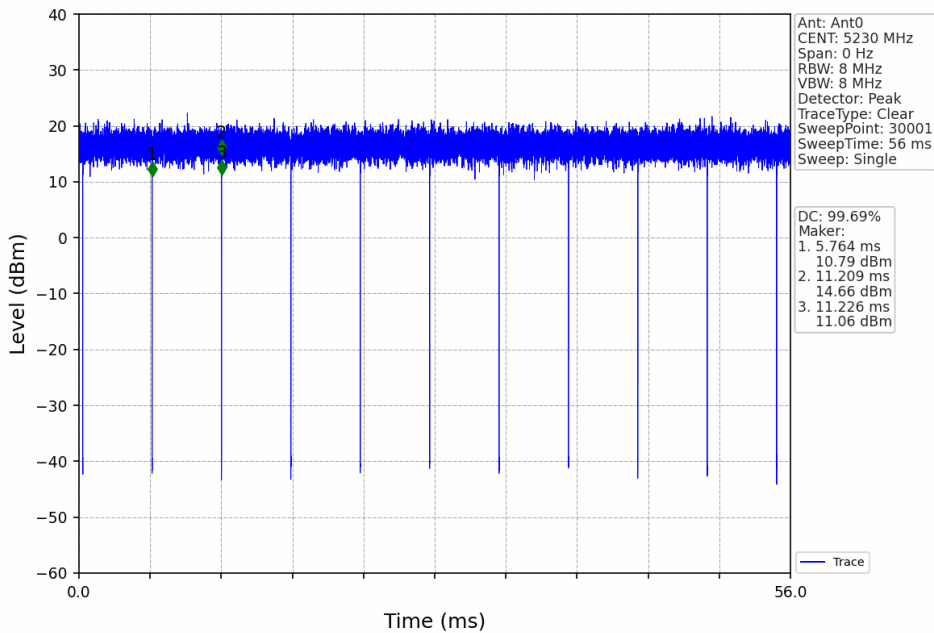
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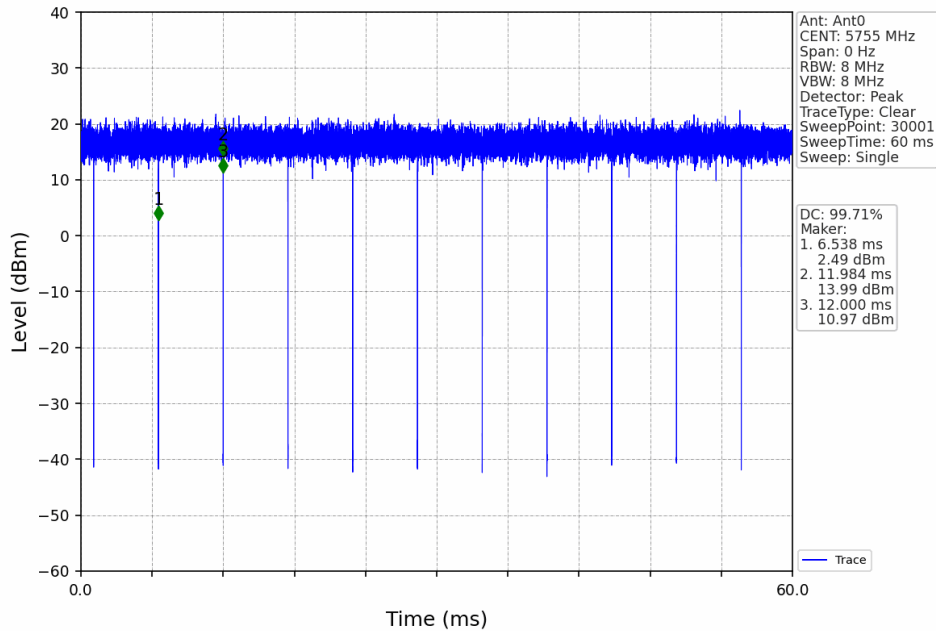
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant0_NTNV



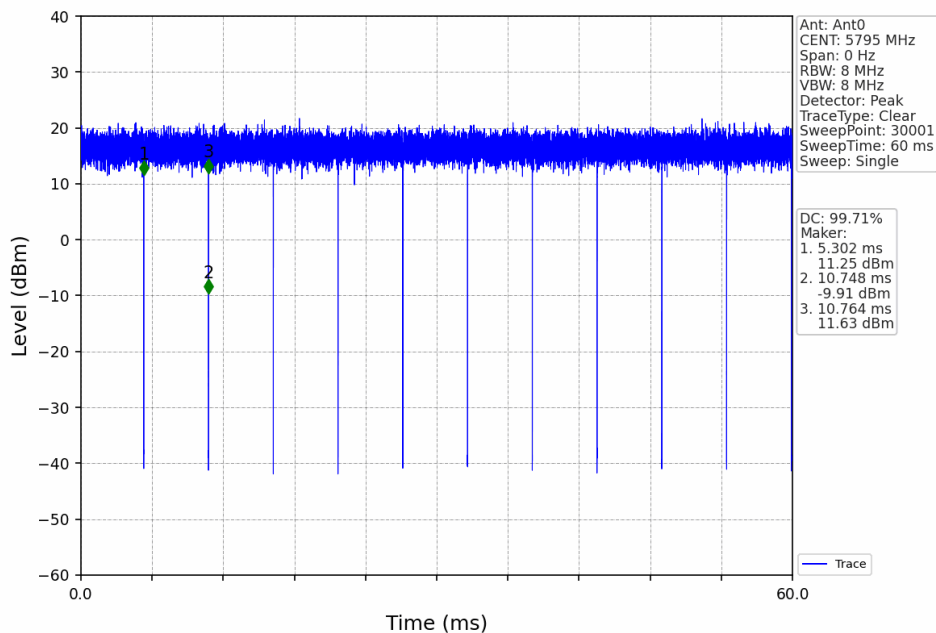
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant0_NTNV



802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant0_NTNV



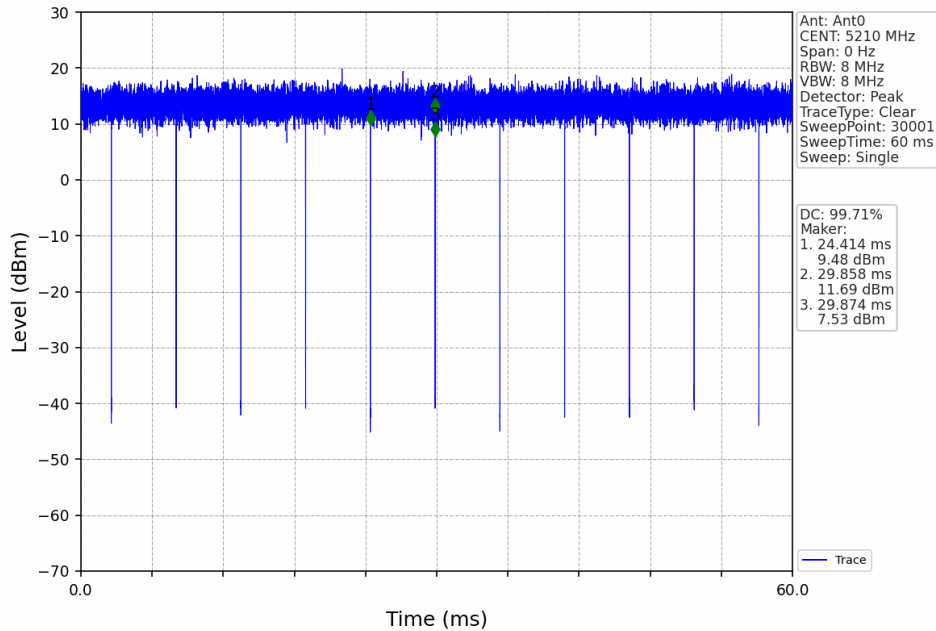
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant0_NTNV



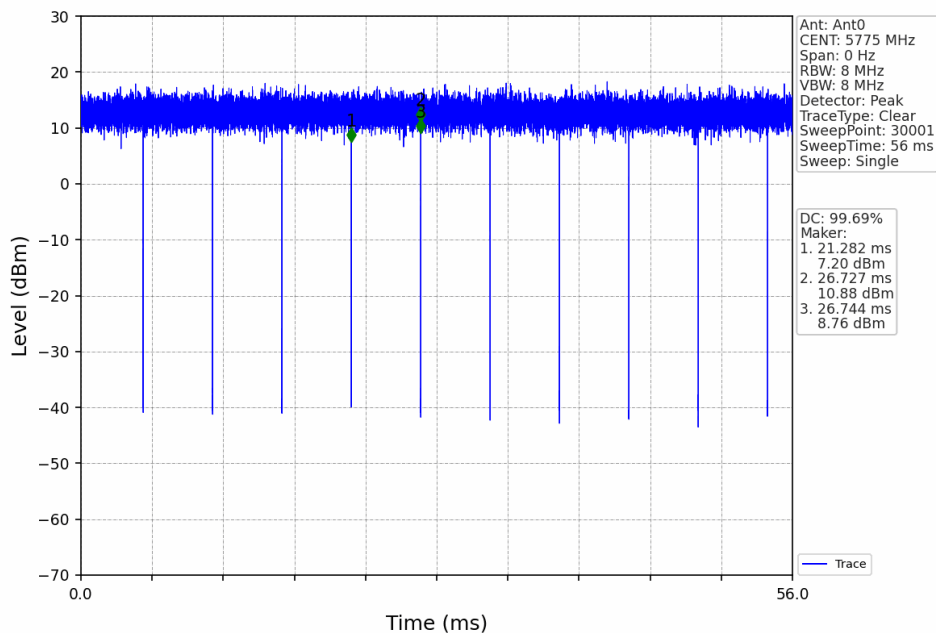
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802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant0_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant0_NTNV



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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	0	16.603	/	Pass
		5200	/	/	0	16.603	/	Pass
		5240	/	/	0	16.613	/	Pass
		5745	/	/	0	16.614	/	Pass
		5785	/	/	0	16.606	/	Pass
		5825	/	/	0	16.637	/	Pass
802.11n (HT20)	MIMO	5180	/	/	0	17.790	/	Pass
		5200	/	/	0	17.813	/	Pass
		5240	/	/	0	17.819	/	Pass
		5745	/	/	0	17.759	/	Pass
		5785	/	/	0	17.747	/	Pass
		5825	/	/	0	17.750	/	Pass
802.11n (HT40)	MIMO	5190	/	/	0	36.073	/	Pass
		5230	/	/	0	36.101	/	Pass
		5755	/	/	0	36.096	/	Pass
		5795	/	/	0	36.118	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0	17.816	/	Pass
		5200	/	/	0	17.794	/	Pass
		5240	/	/	0	17.821	/	Pass
		5745	/	/	0	17.761	/	Pass
		5785	/	/	0	17.755	/	Pass
		5825	/	/	0	17.746	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0	36.091	/	Pass
		5230	/	/	0	36.123	/	Pass
		5755	/	/	0	36.159	/	Pass
		5795	/	/	0	36.112	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	0	75.414	/	Pass
		5775	/	/	0	75.672	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	0	19.070	/	Pass
		5200	RU242	Left	0	19.066	/	Pass
		5240	RU242	Left	0	19.070	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230900320606

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		5745	RU242	Left	0	18.995	/	Pass
		5785	RU242	Left	0	18.999	/	Pass
		5825	RU242	Left	0	19.001	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	0	37.853	/	Pass
		5230	RU484	Left	0	37.890	/	Pass
		5755	RU484	Left	0	37.902	/	Pass
		5795	RU484	Left	0	37.862	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	0	77.259	/	Pass
		5775	RU996	Left	0	77.346	/	Pass



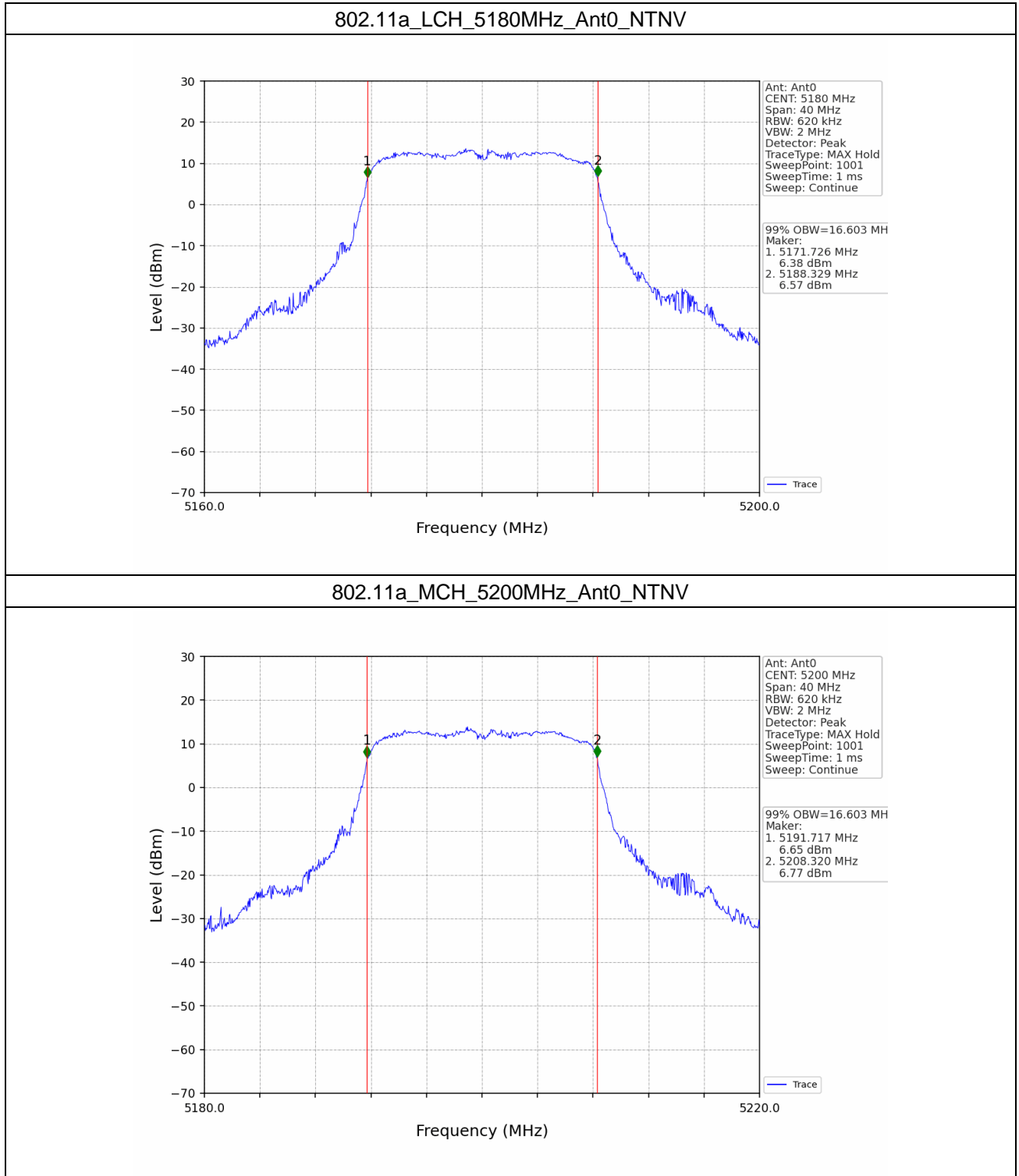
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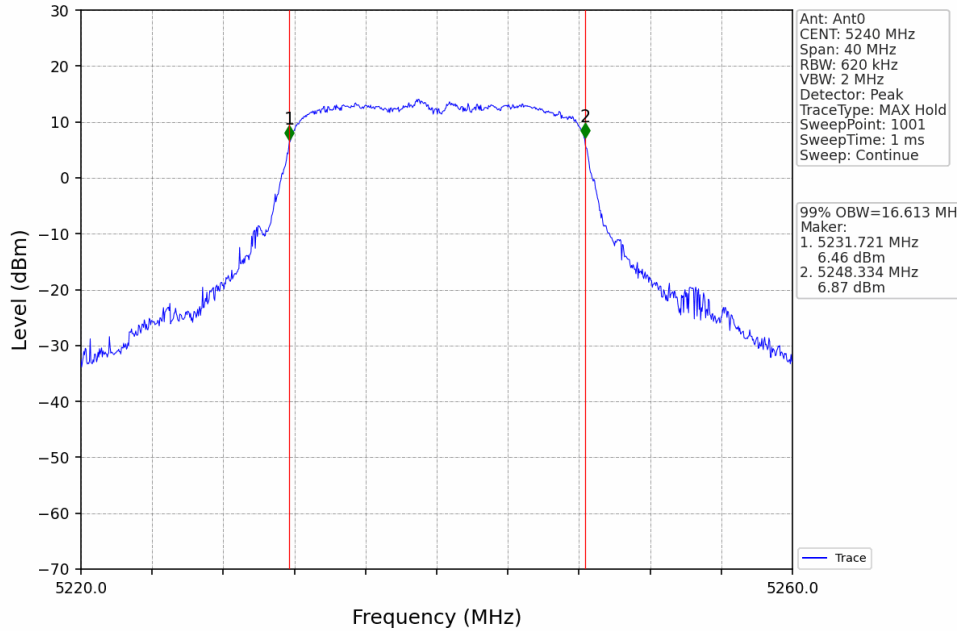
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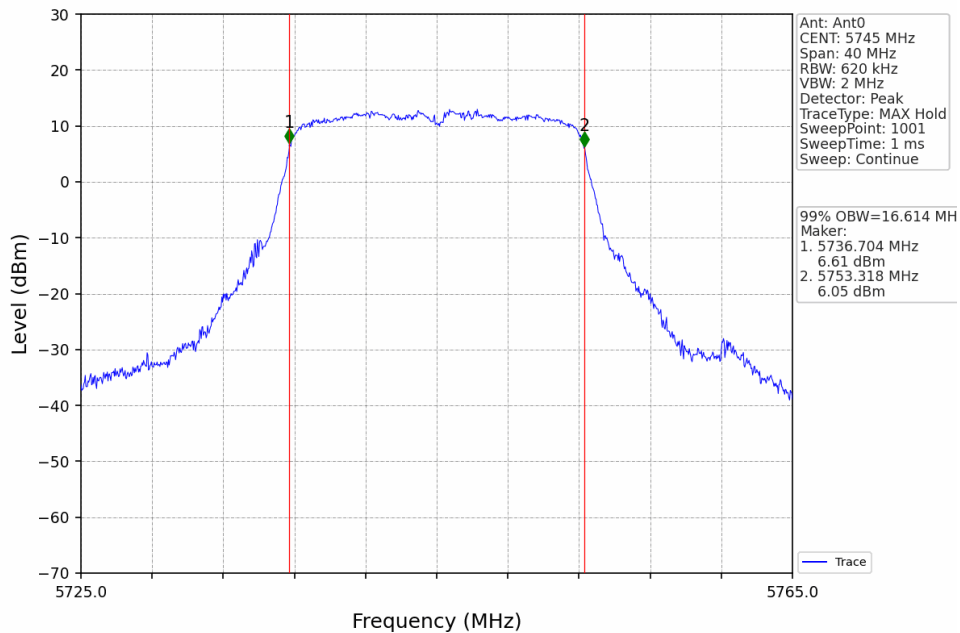
2.1.2 Test Graph



802.11a_HCH_5240MHz_Ant0_NTNV



802.11a_LCH_5745MHz_Ant0_NTNV



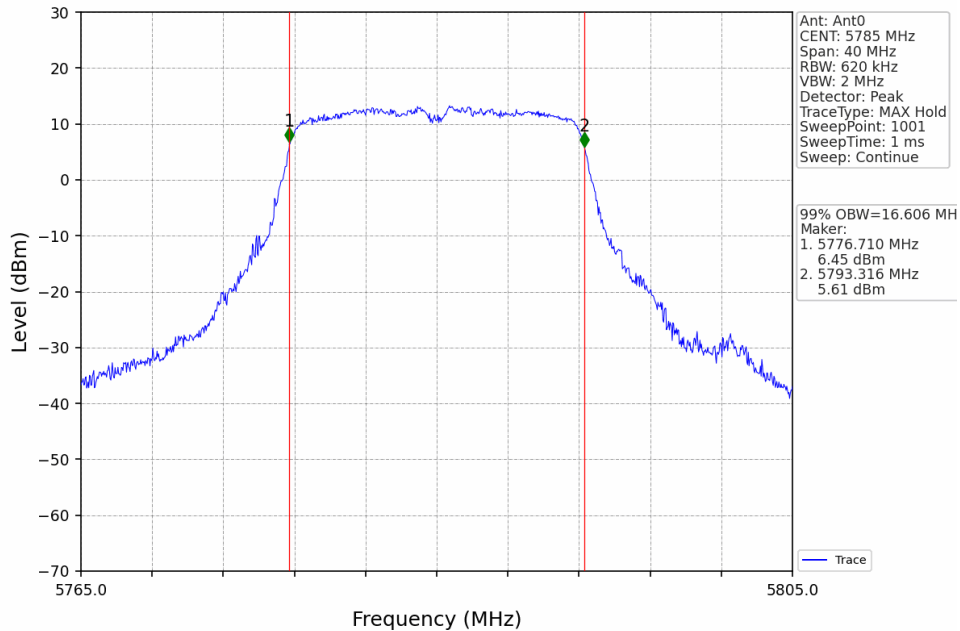
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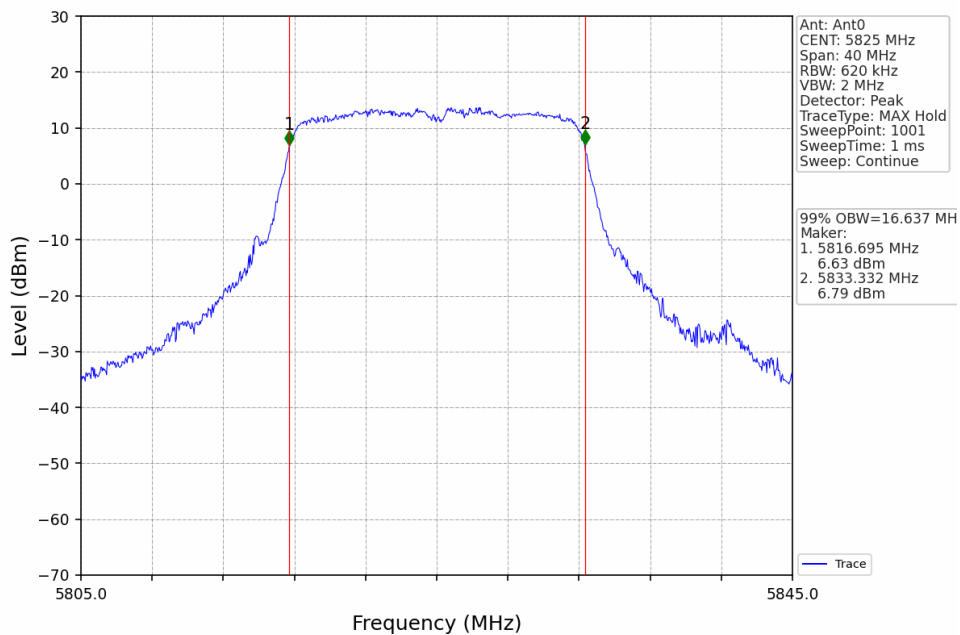
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802.11a_MCH_5785MHz_Ant0_NTNV



802.11a_HCH_5825MHz_Ant0_NTNV



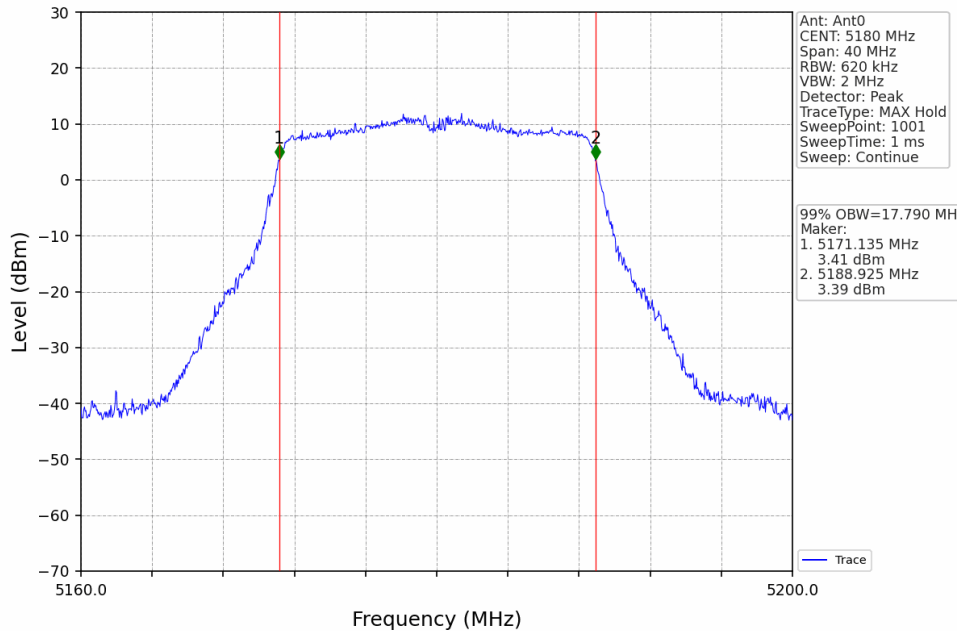
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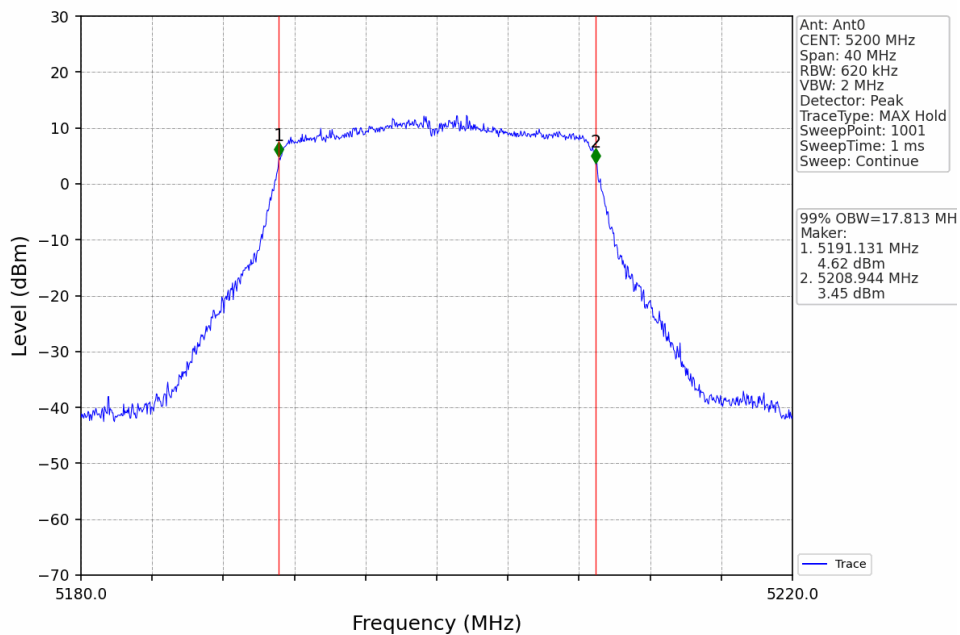
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802.11n(HT20)_LCH_5180MHz_Ant0_NTNV



802.11n(HT20)_MCH_5200MHz_Ant0_NTNV



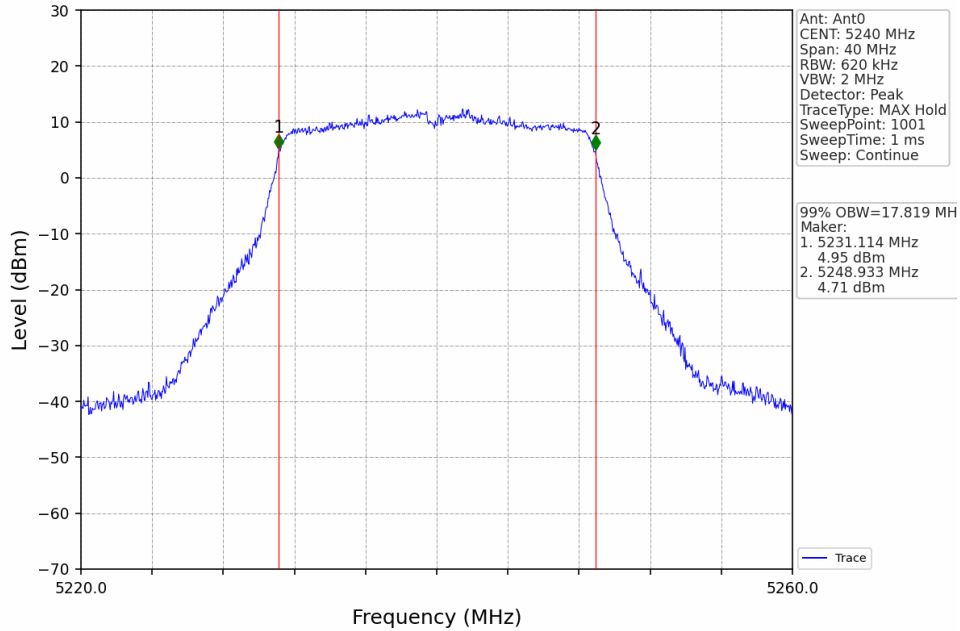
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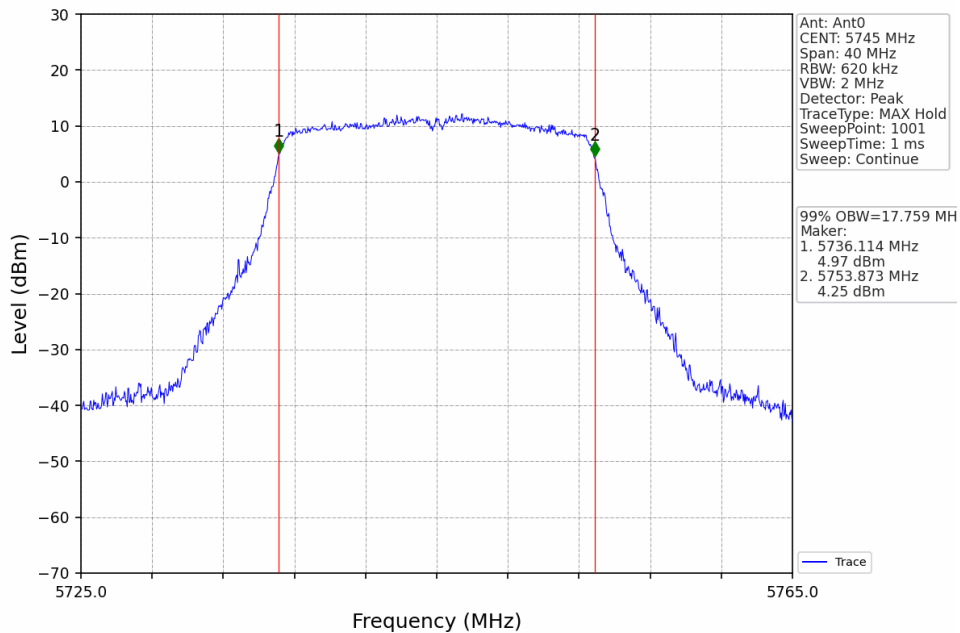
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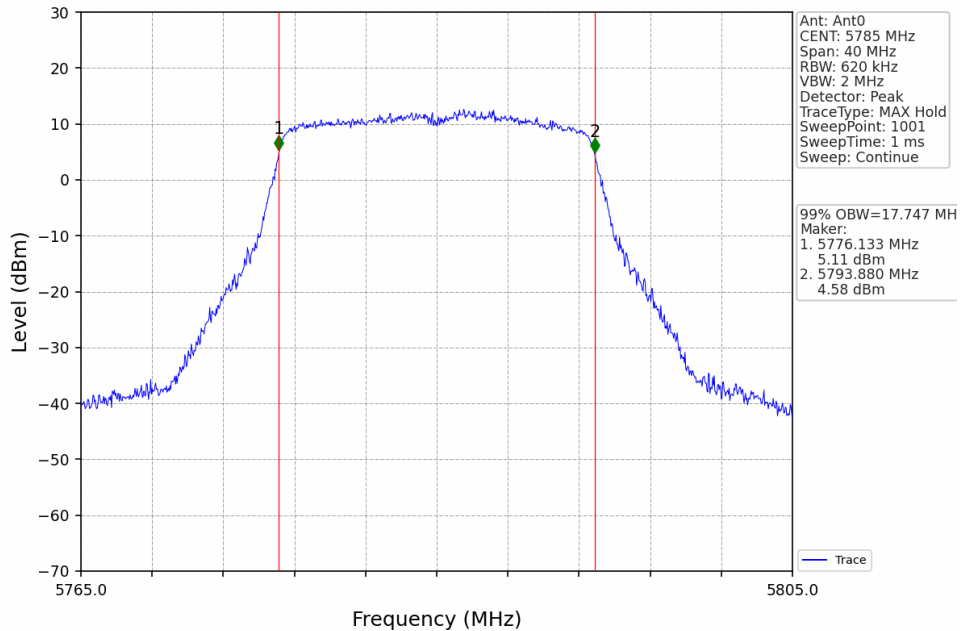
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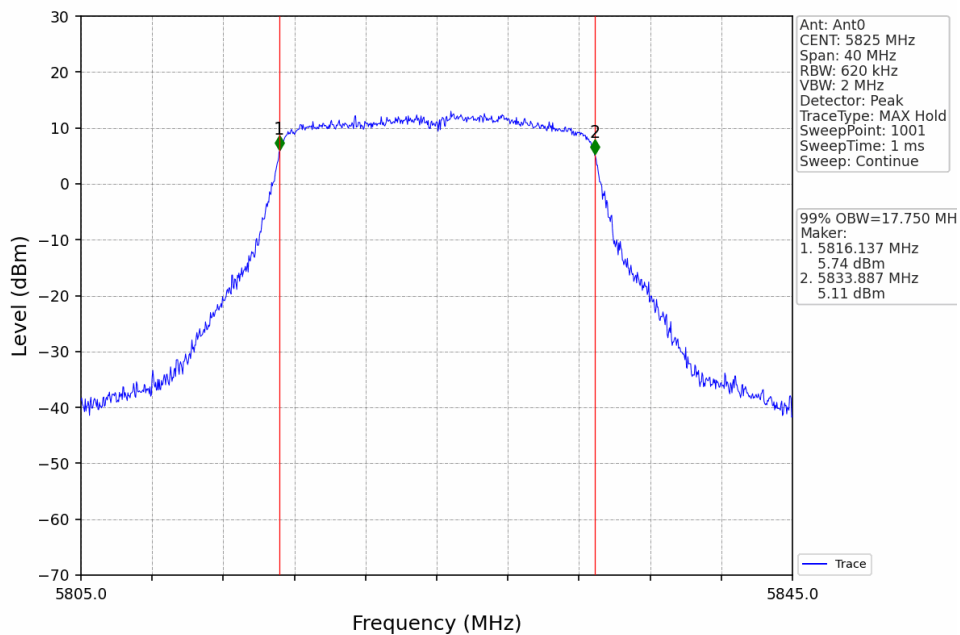
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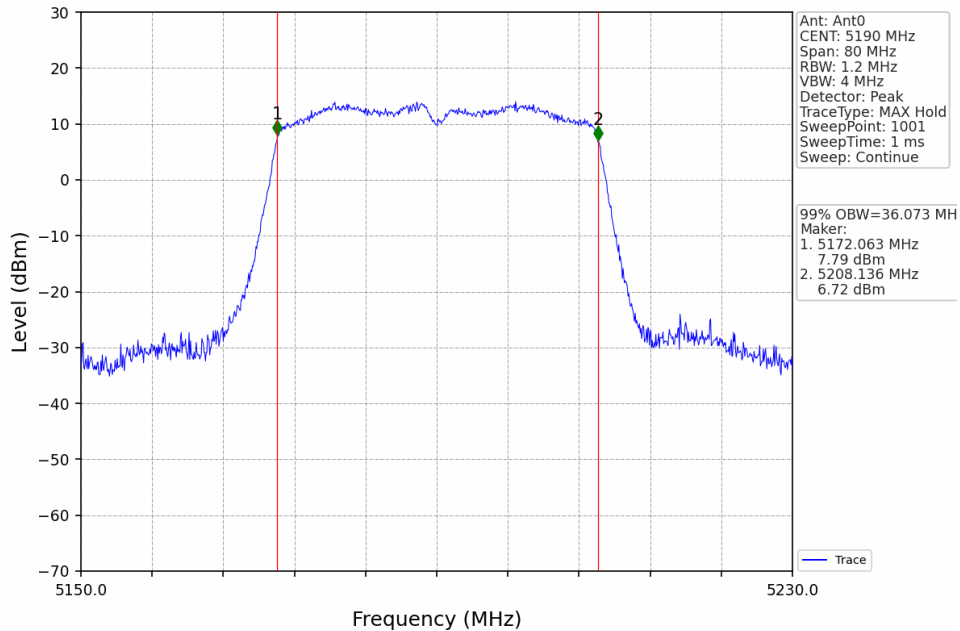
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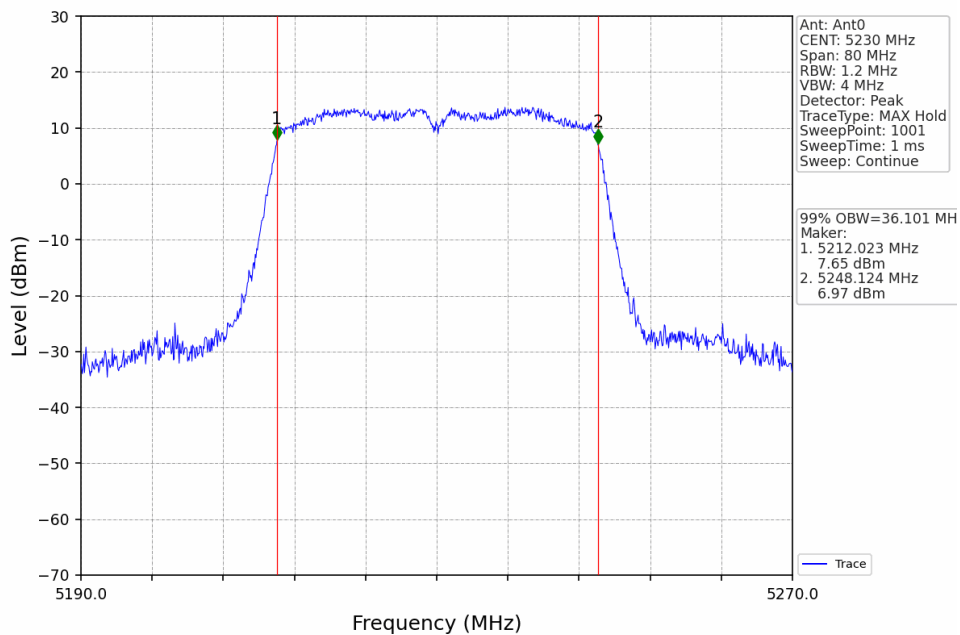
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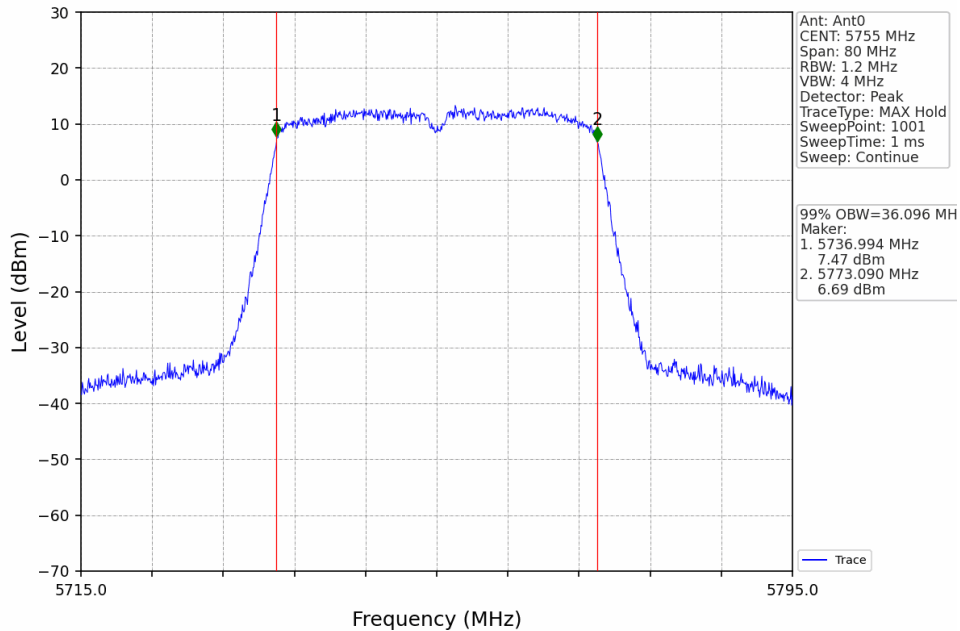
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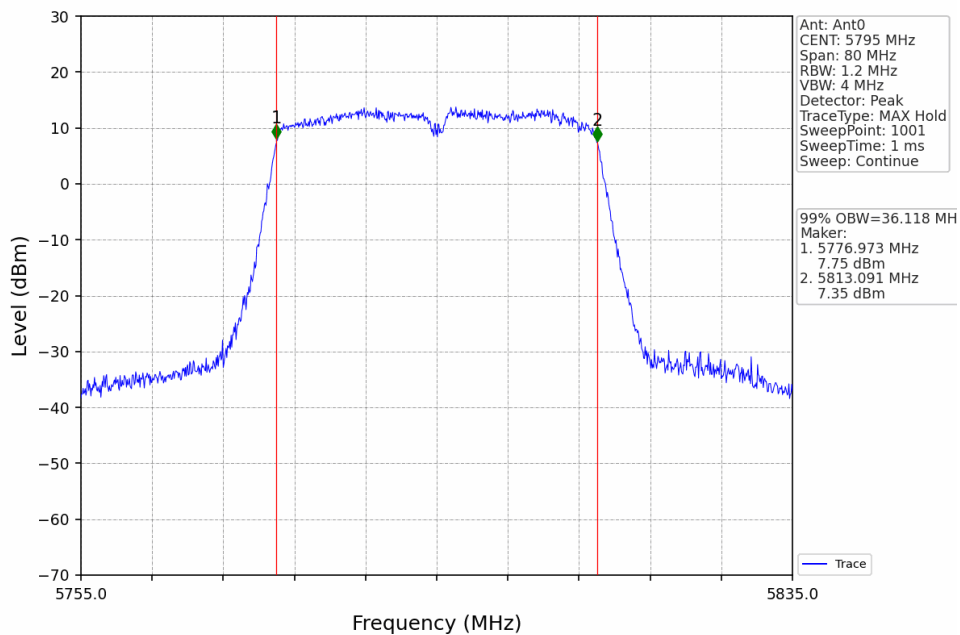
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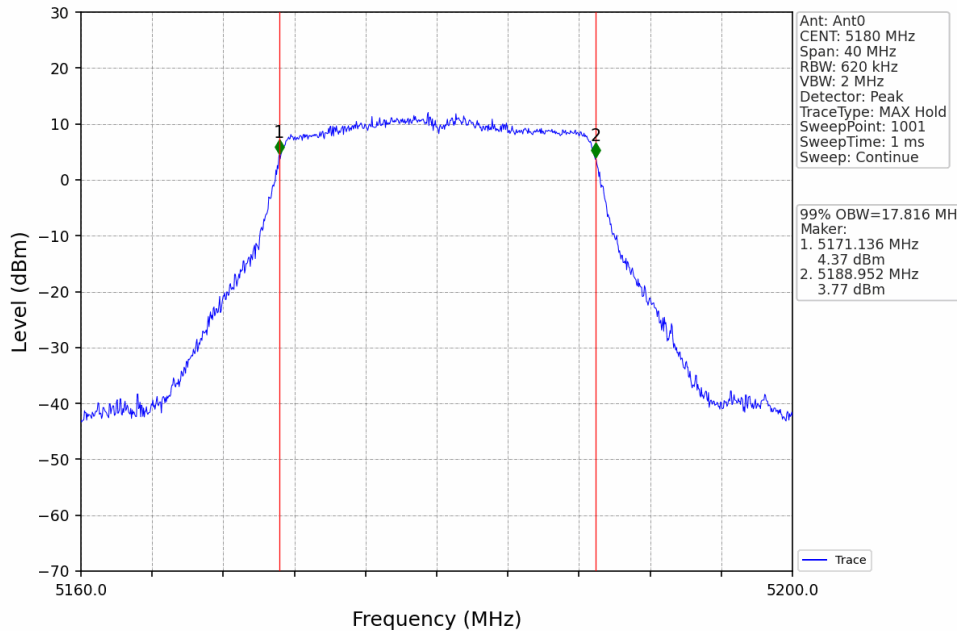
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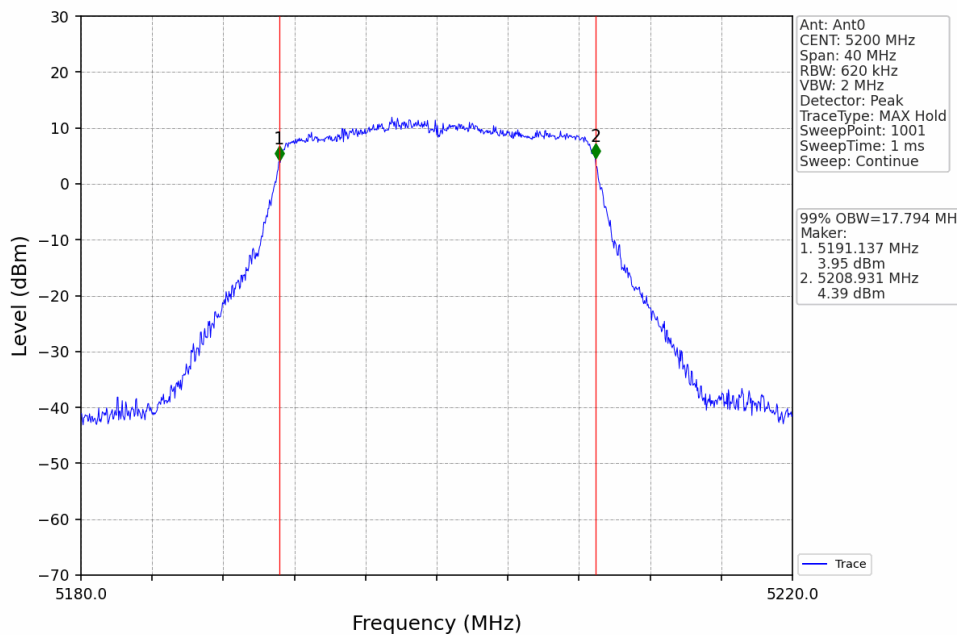
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802.11ac(VHT20)_LCH_5180MHz_Ant0_NTNV



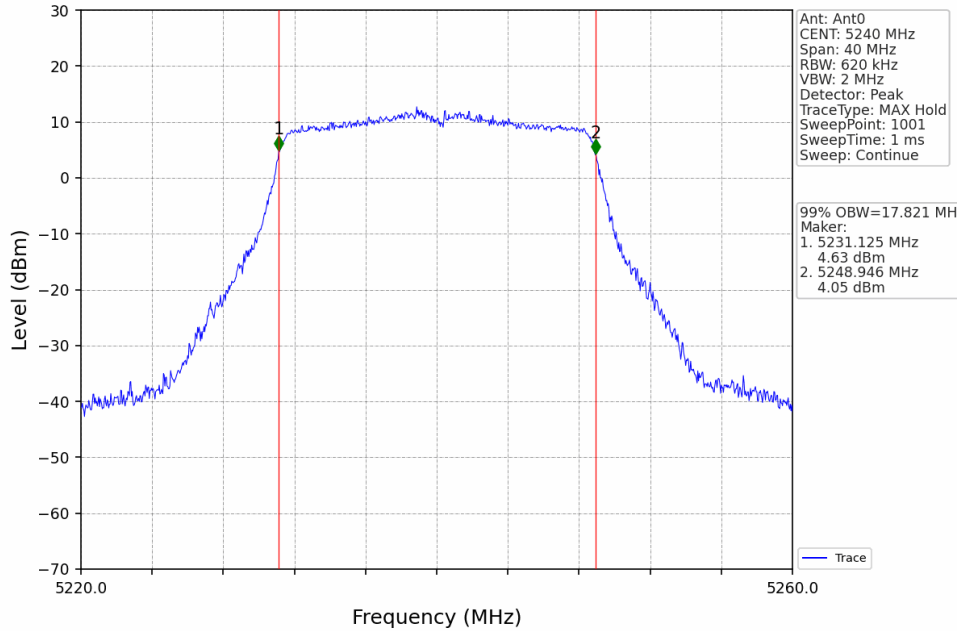
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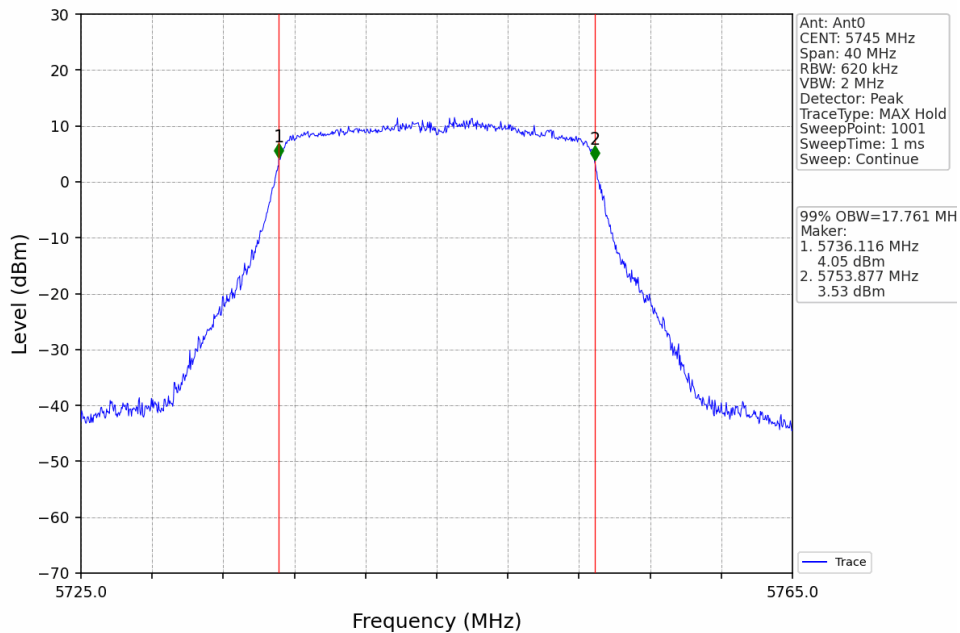
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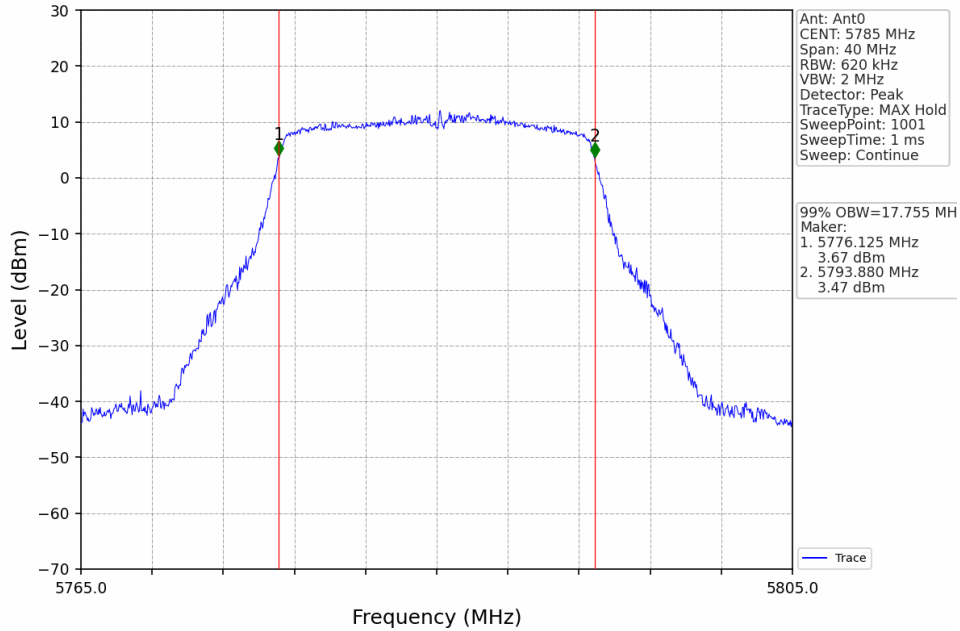
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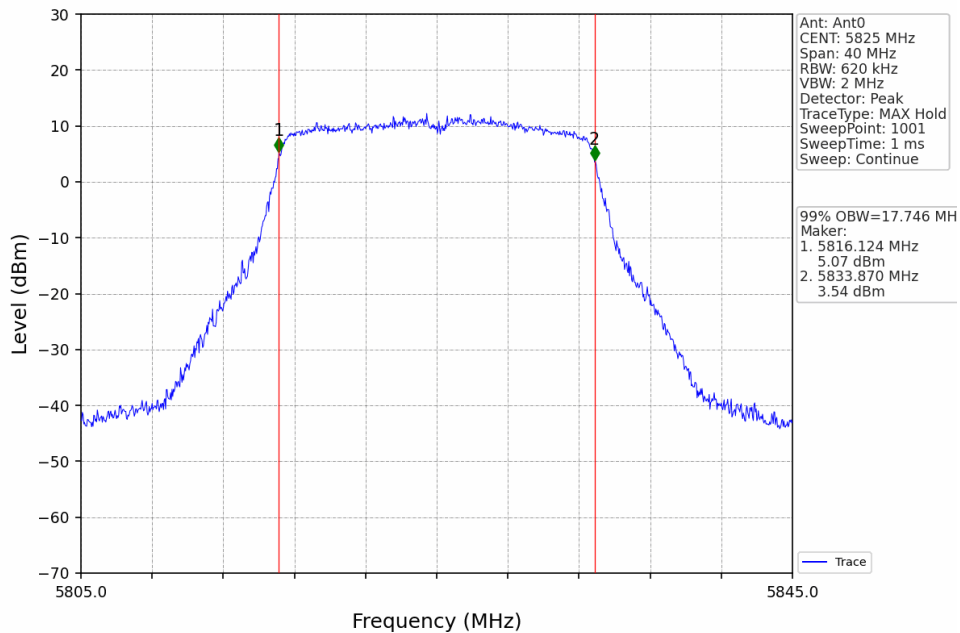
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802.11ac(VHT20)_MCH_5785MHz_Ant0_NTNV



802.11ac(VHT20)_HCH_5825MHz_Ant0_NTNV



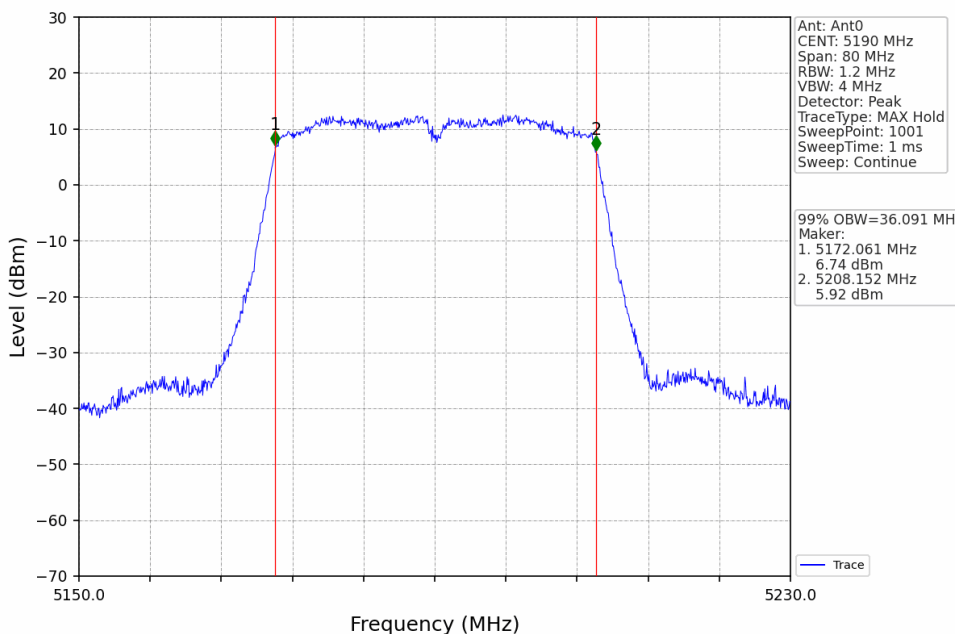
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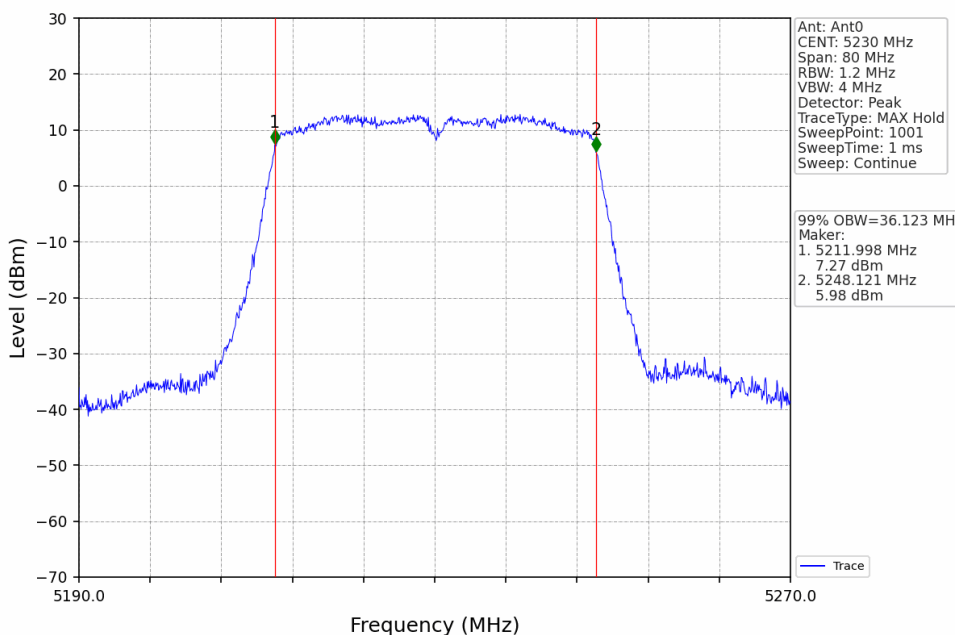
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Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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

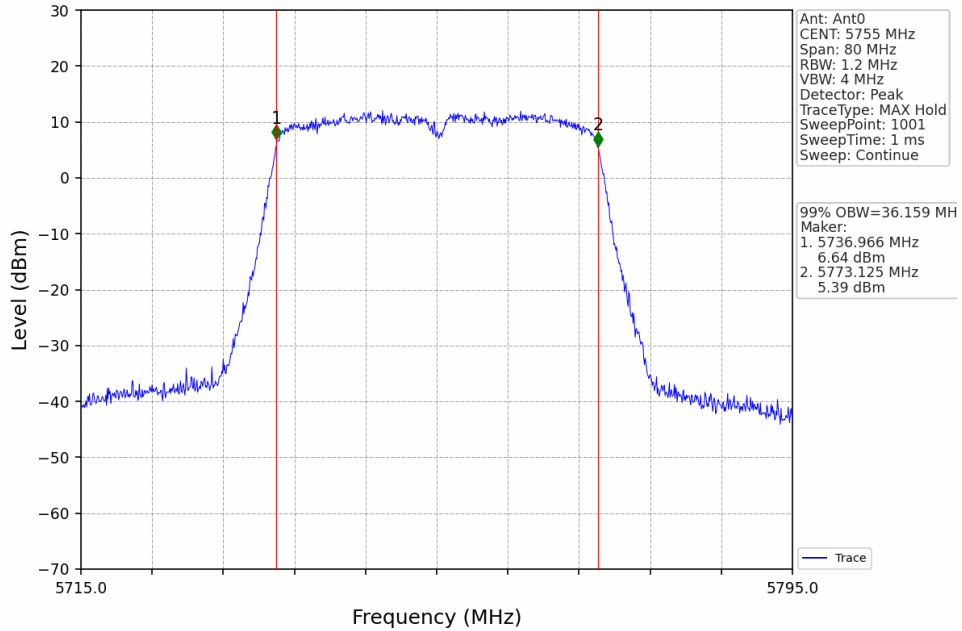
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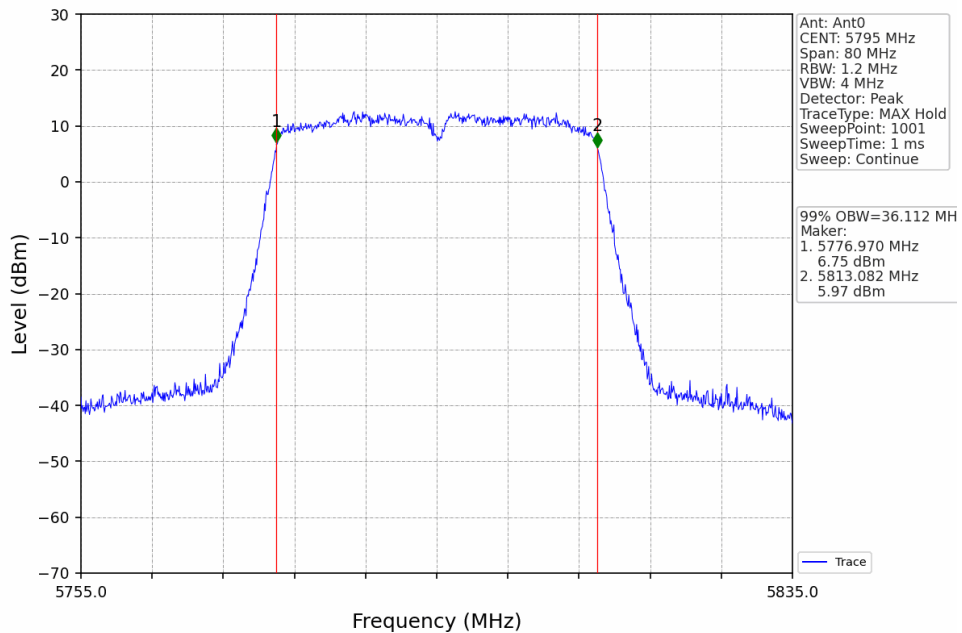
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802.11ac(VHT40)_LCH_5755MHz_Ant0_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant0_NTNV



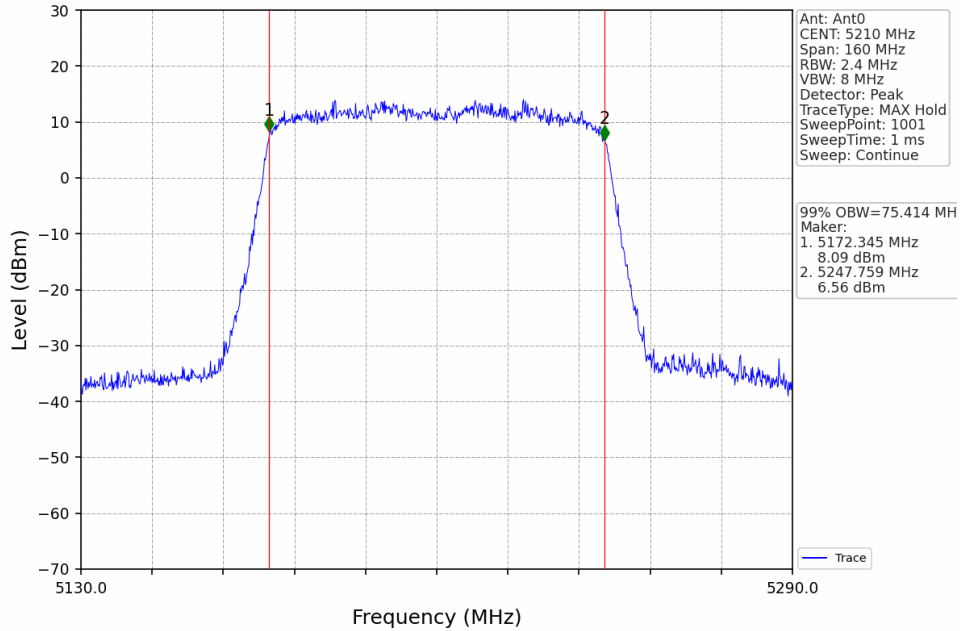
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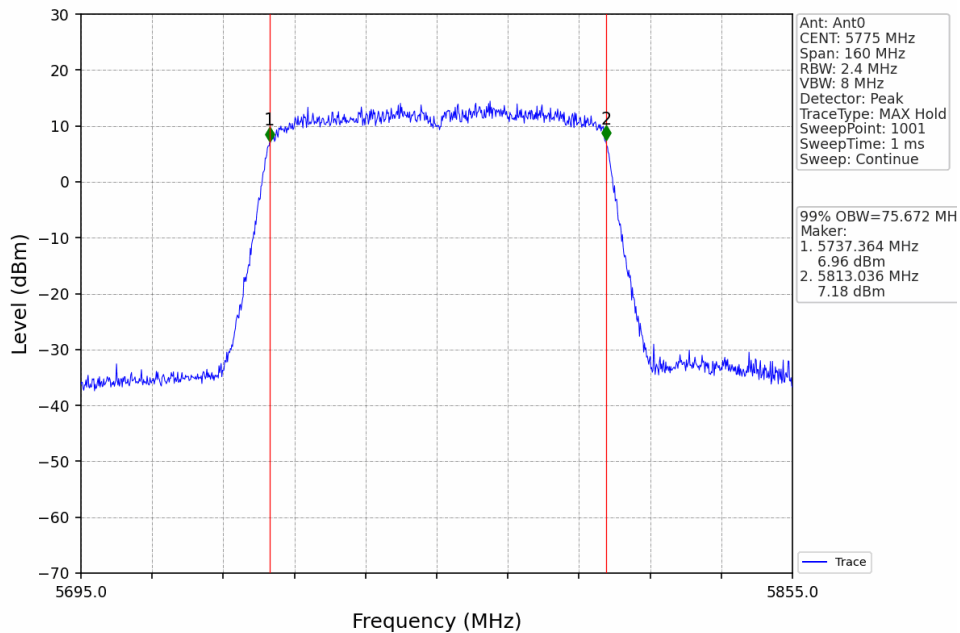
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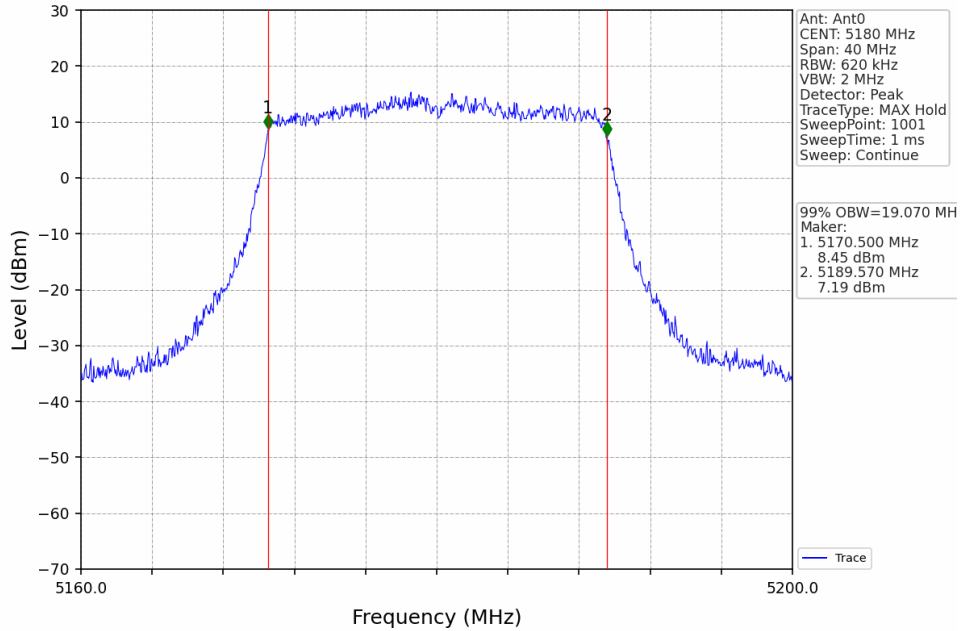
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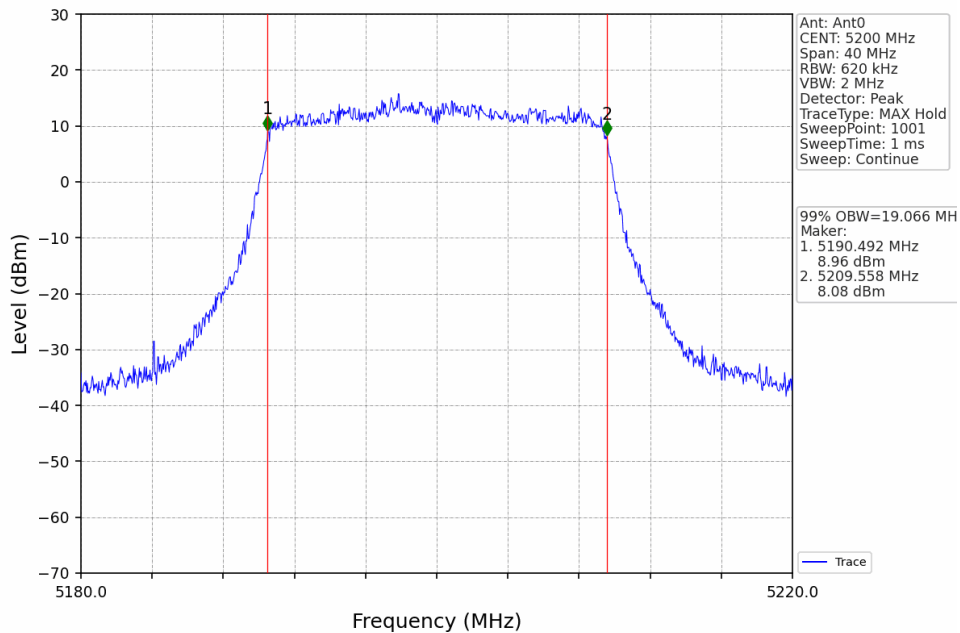
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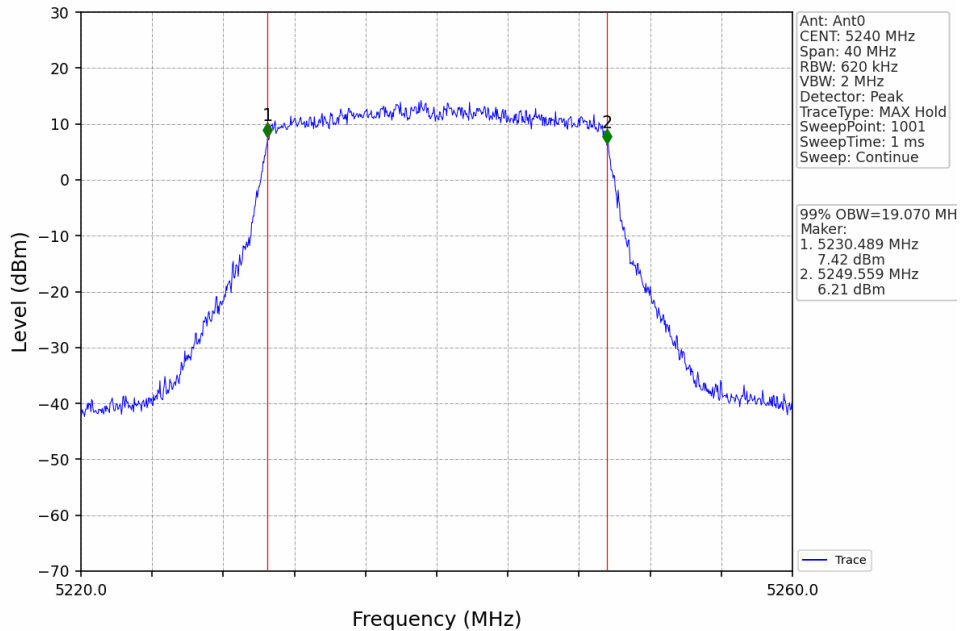
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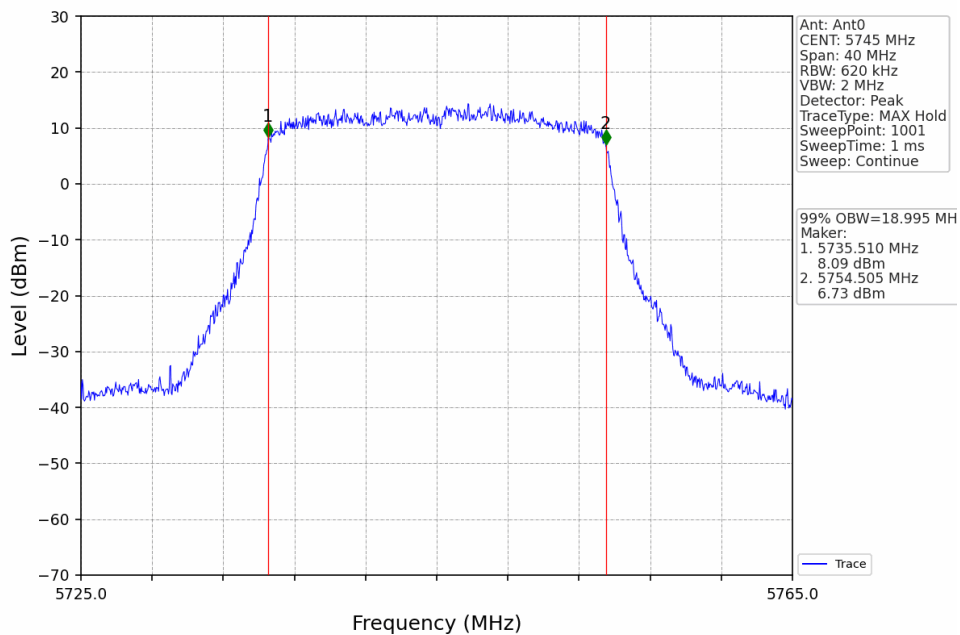
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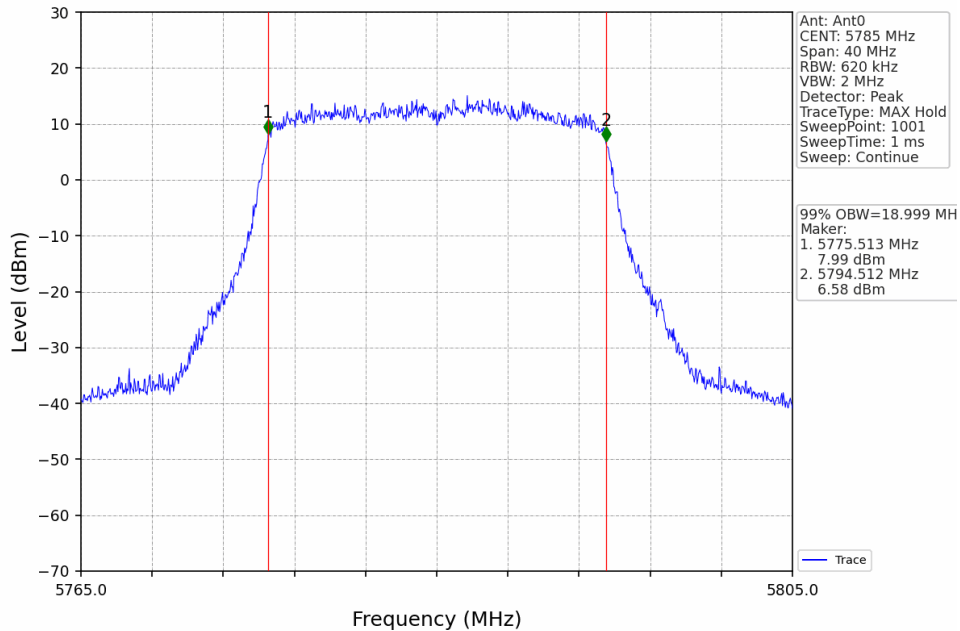
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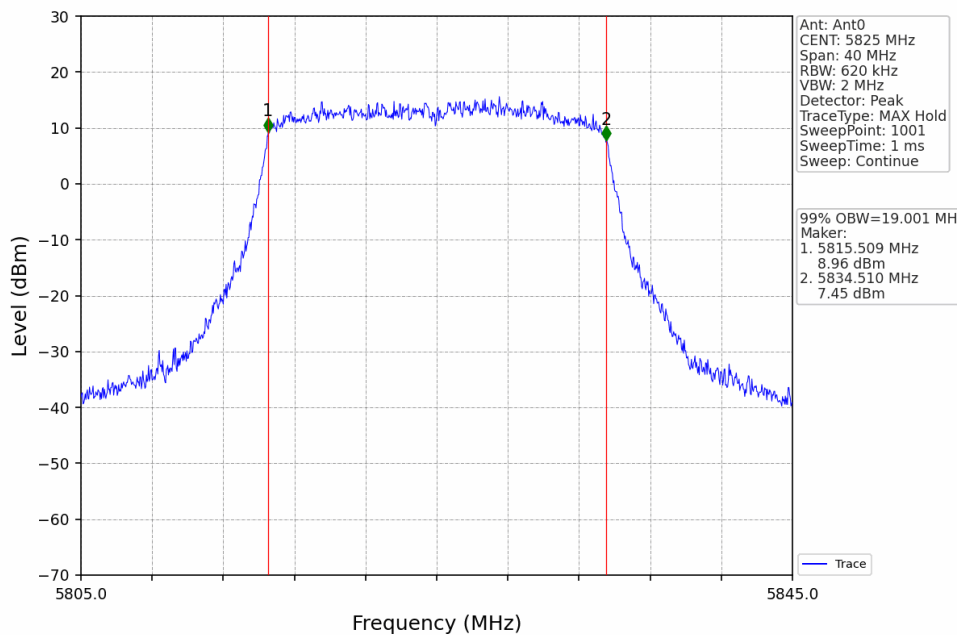
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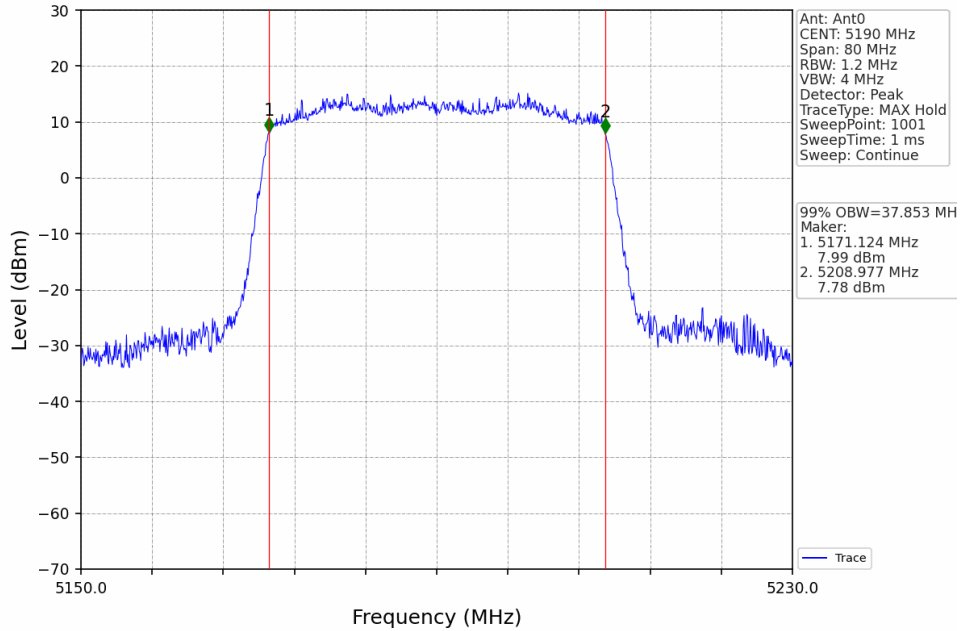
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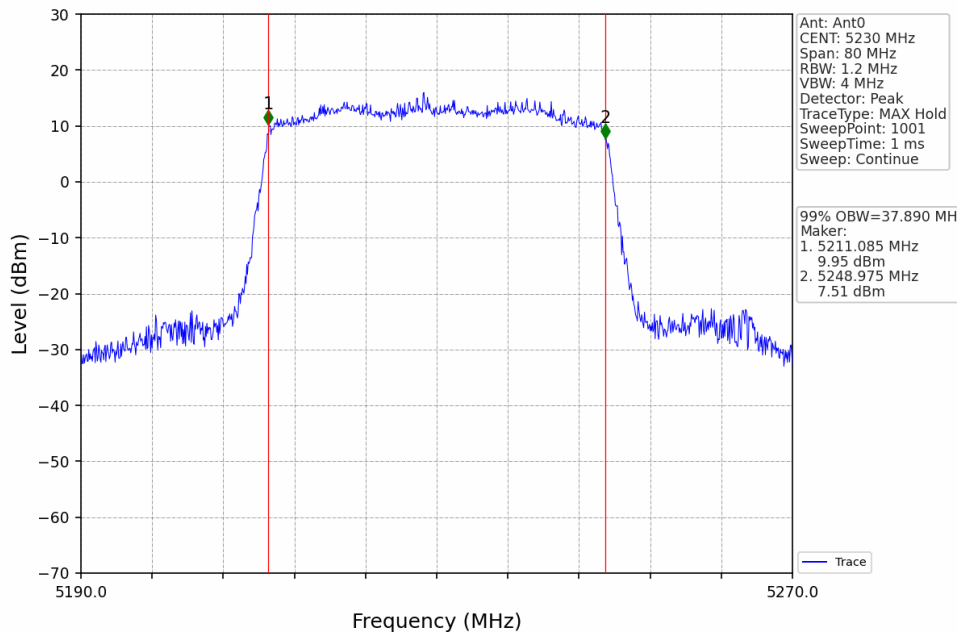
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802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant0_NTNV



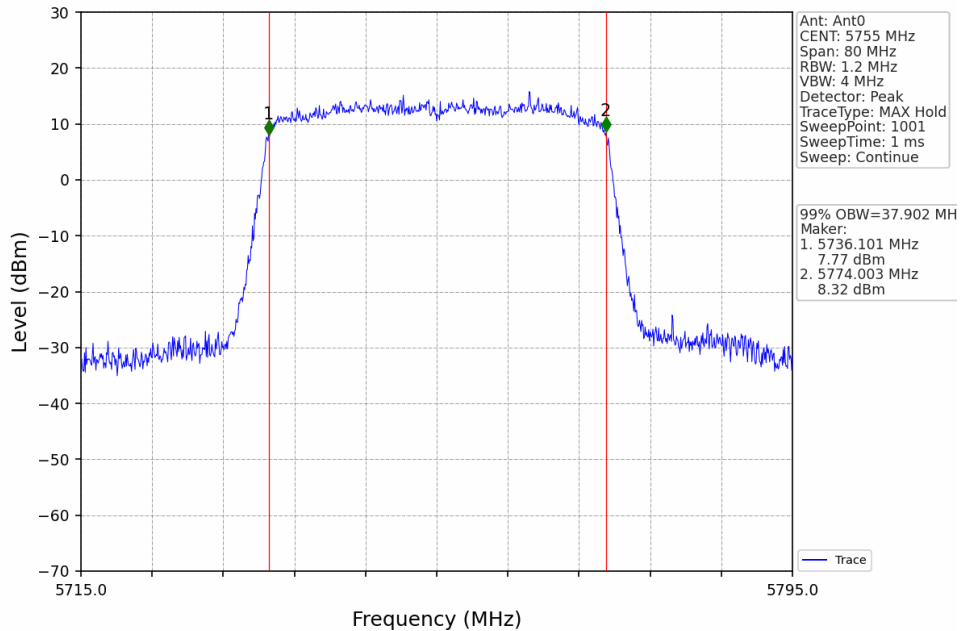
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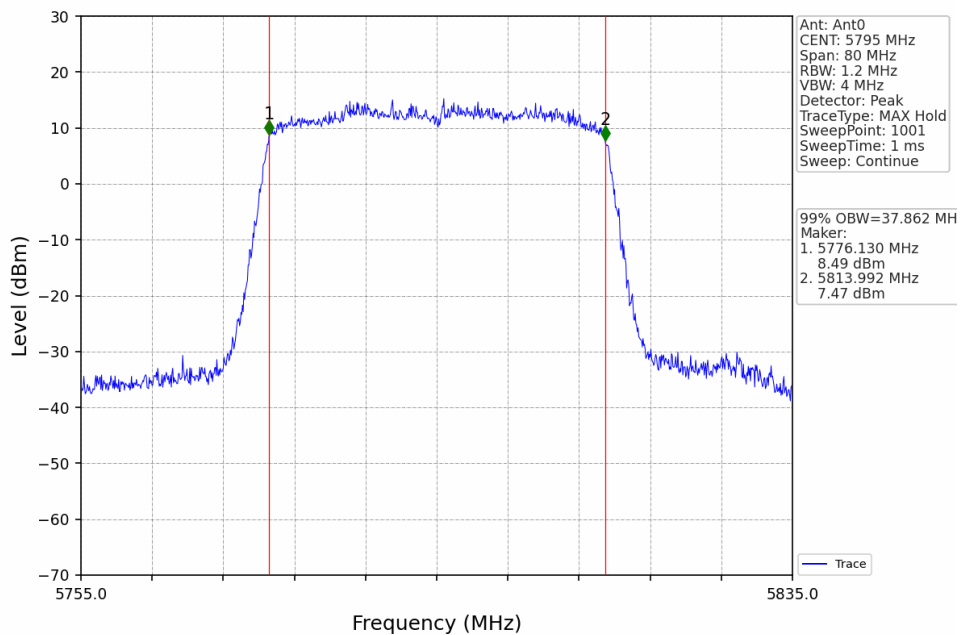
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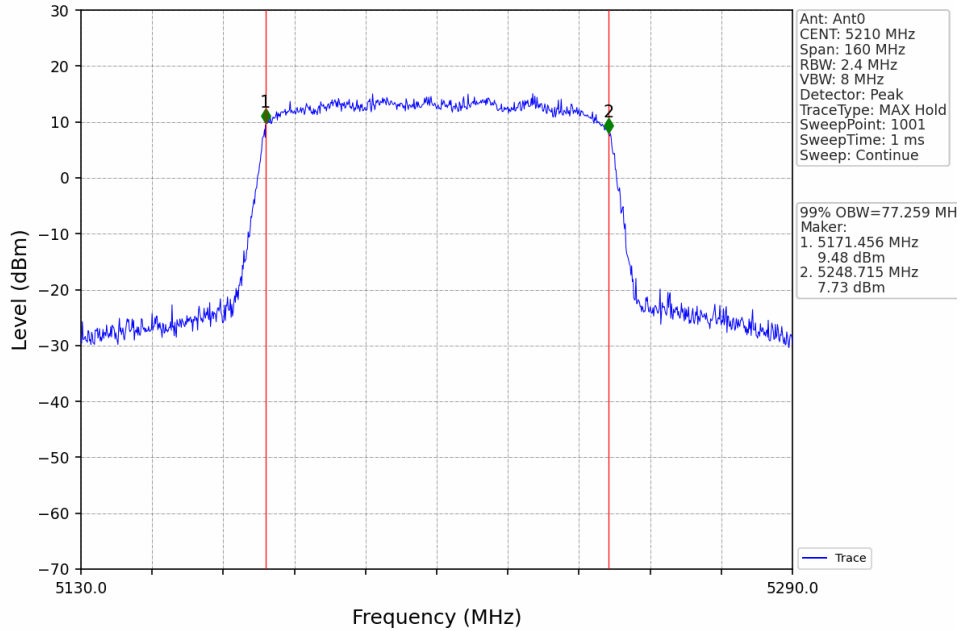
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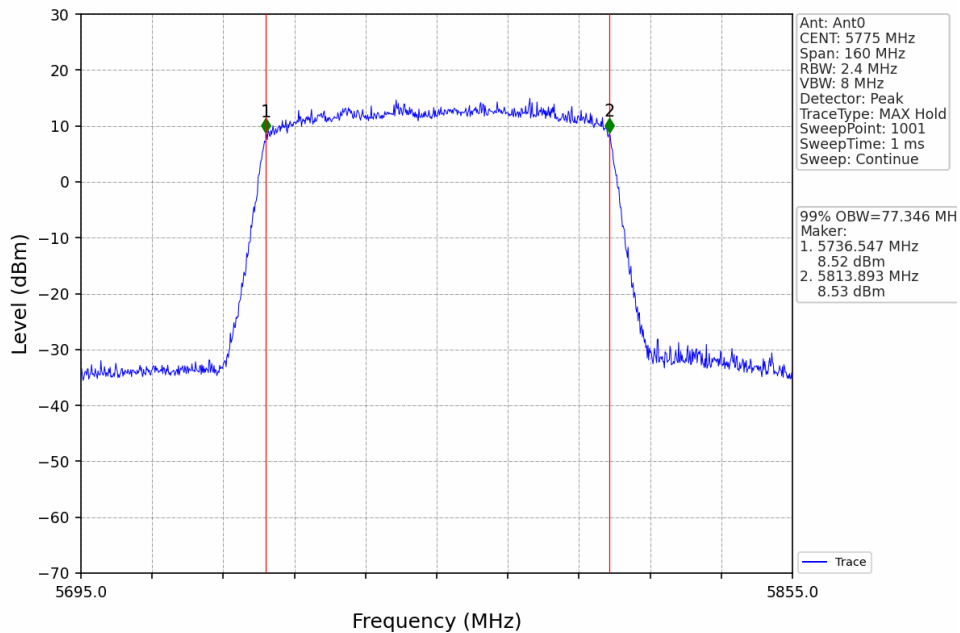
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802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant0_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant0_NTNV



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	0	15.146	>=0.5	Pass
		5785	/	/	0	15.174	>=0.5	Pass
		5825	/	/	0	15.125	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	0	16.914	>=0.5	Pass
		5785	/	/	0	16.283	>=0.5	Pass
		5825	/	/	0	15.964	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	0	35.387	>=0.5	Pass
		5795	/	/	0	35.589	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	0	17.316	>=0.5	Pass
		5785	/	/	0	17.020	>=0.5	Pass
		5825	/	/	0	15.098	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	0	36.313	>=0.5	Pass
		5795	/	/	0	34.921	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	0	72.611	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	0	17.651	>=0.5	Pass
		5785	RU242	Left	0	17.552	>=0.5	Pass
		5825	RU242	Left	0	18.188	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	0	37.535	>=0.5	Pass
		5795	RU484	Left	0	37.241	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	0	76.005	>=0.5	Pass



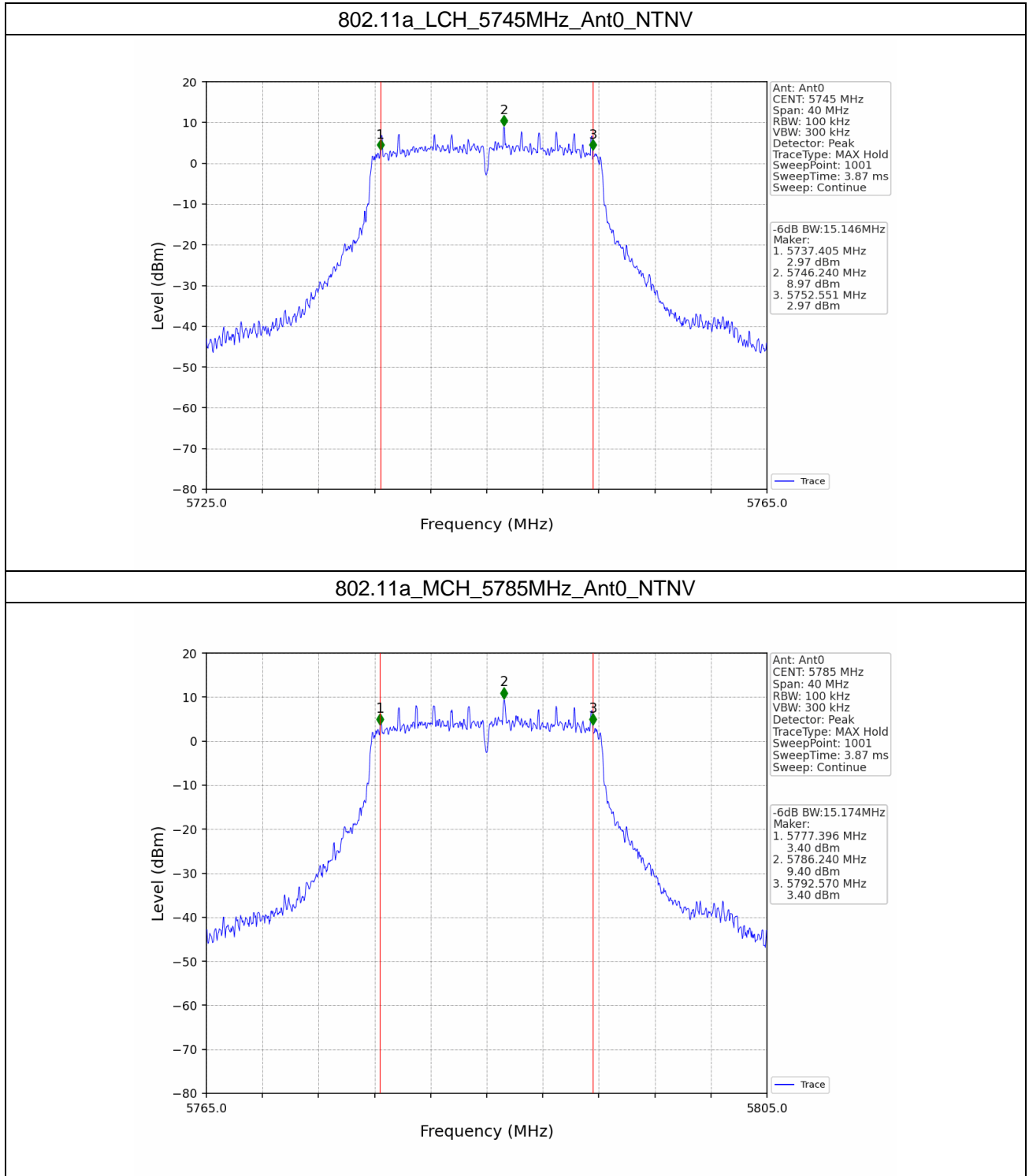
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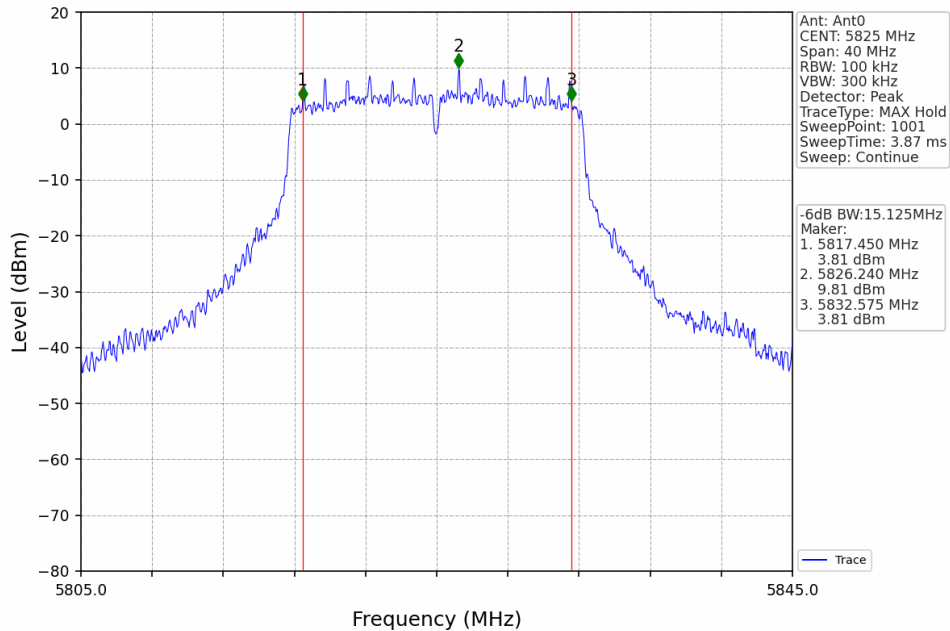
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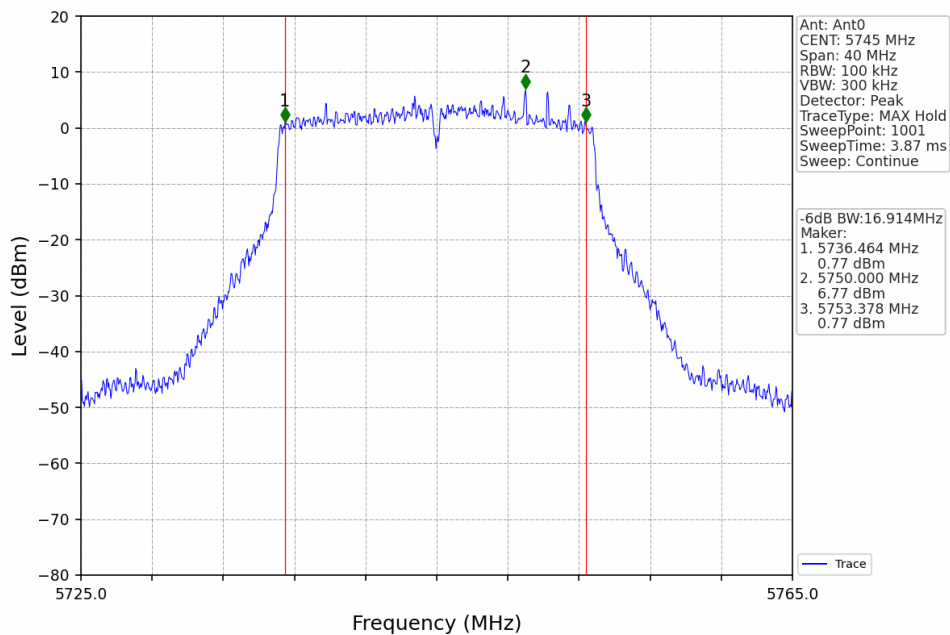
2.2.2 Test Graph



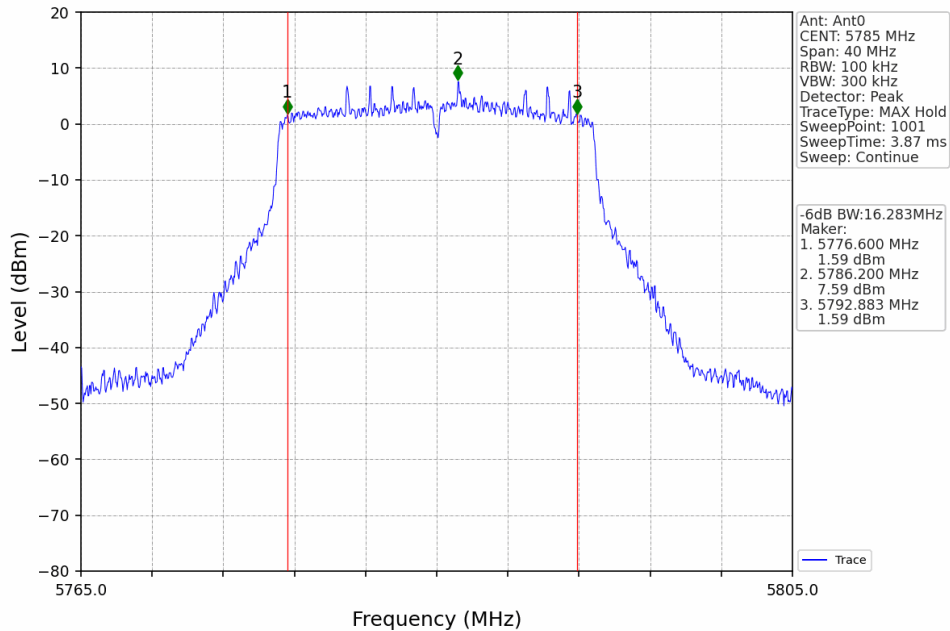
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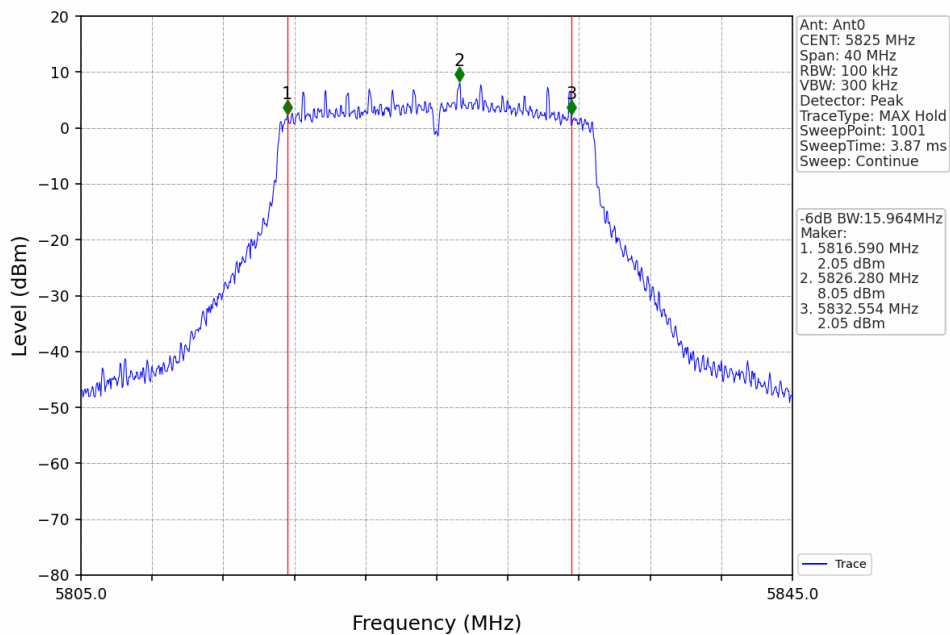
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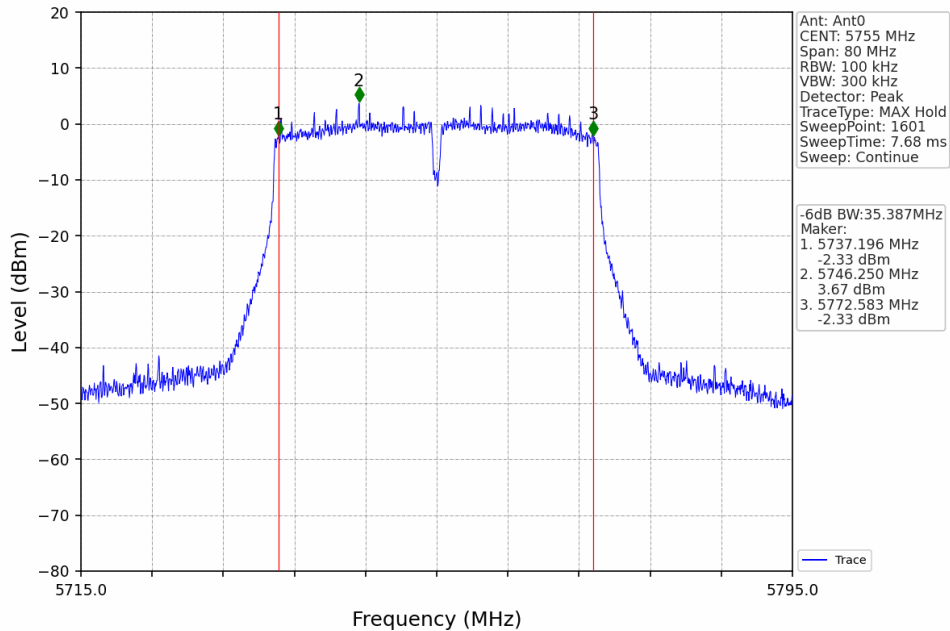
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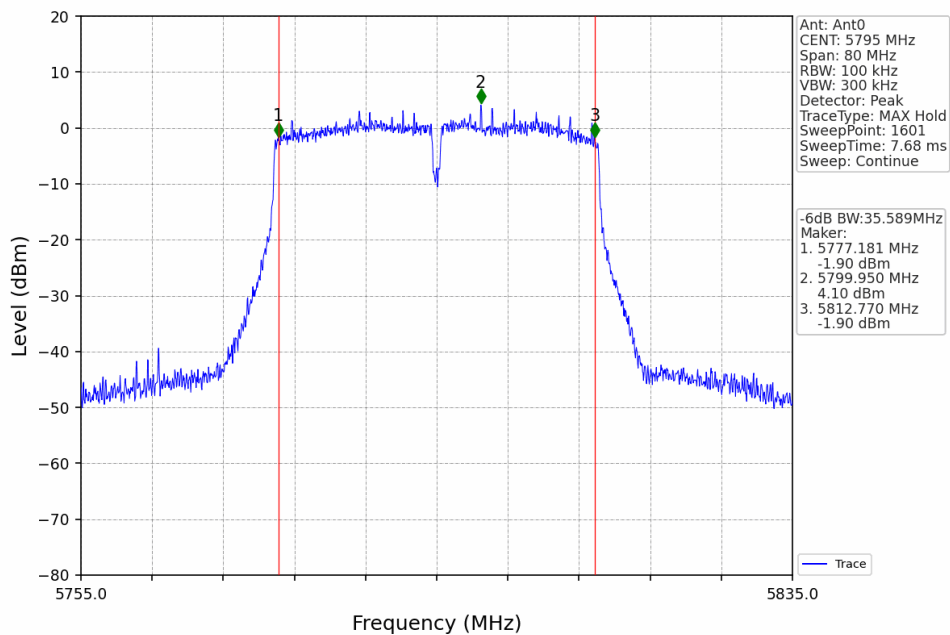
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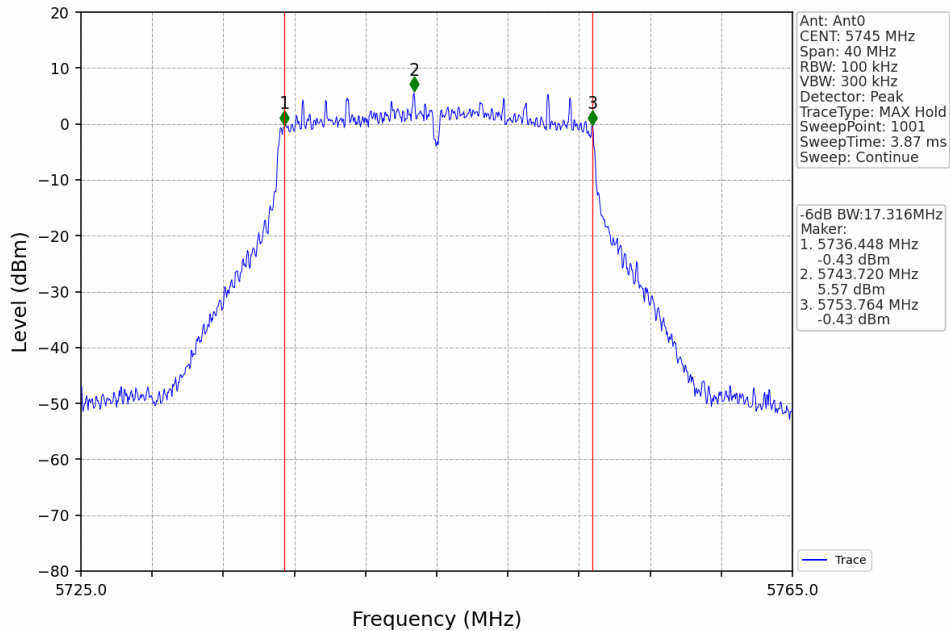
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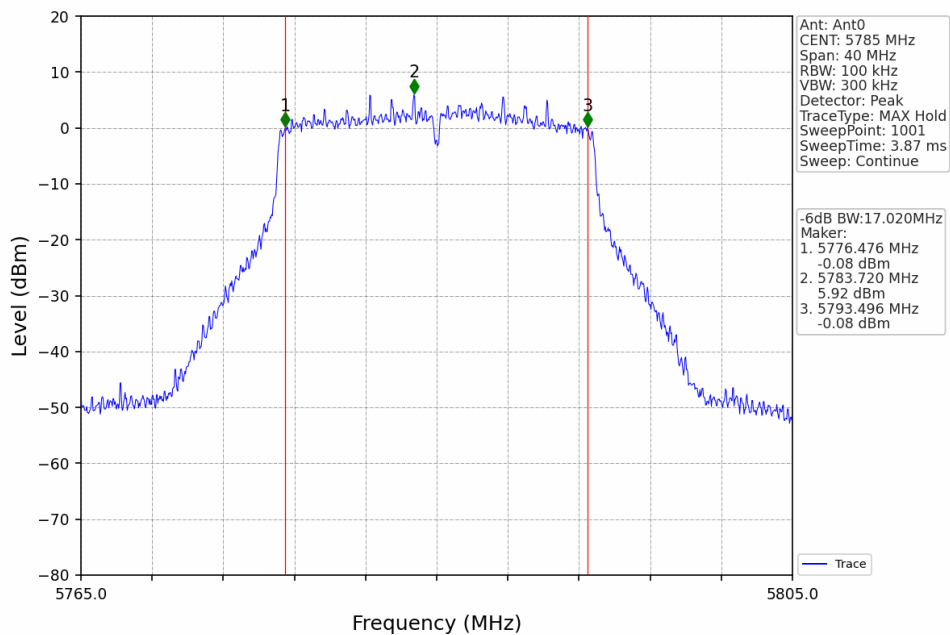
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802.11ac(VHT20)_LCH_5745MHz_Ant0_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant0_NTNV



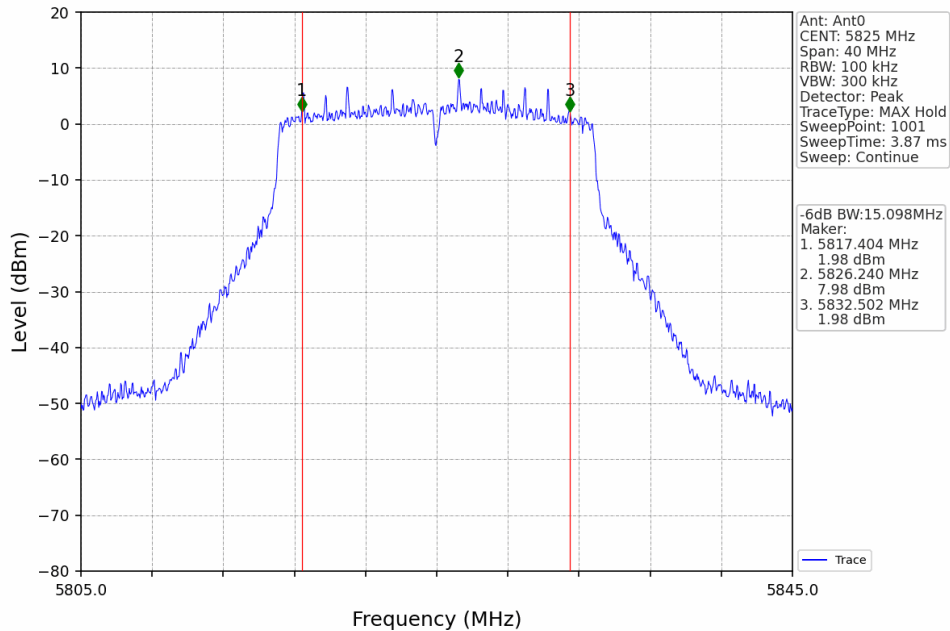
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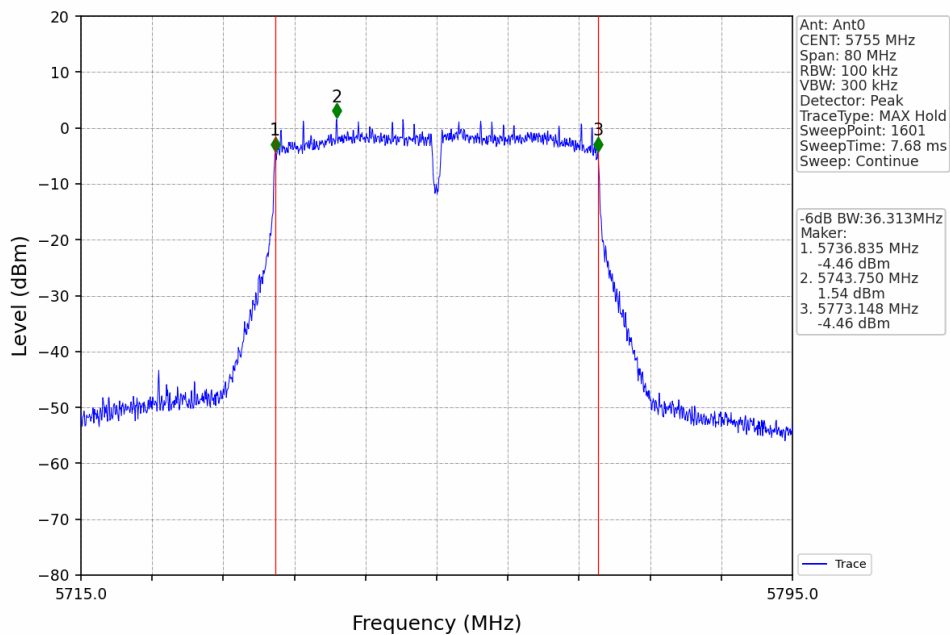
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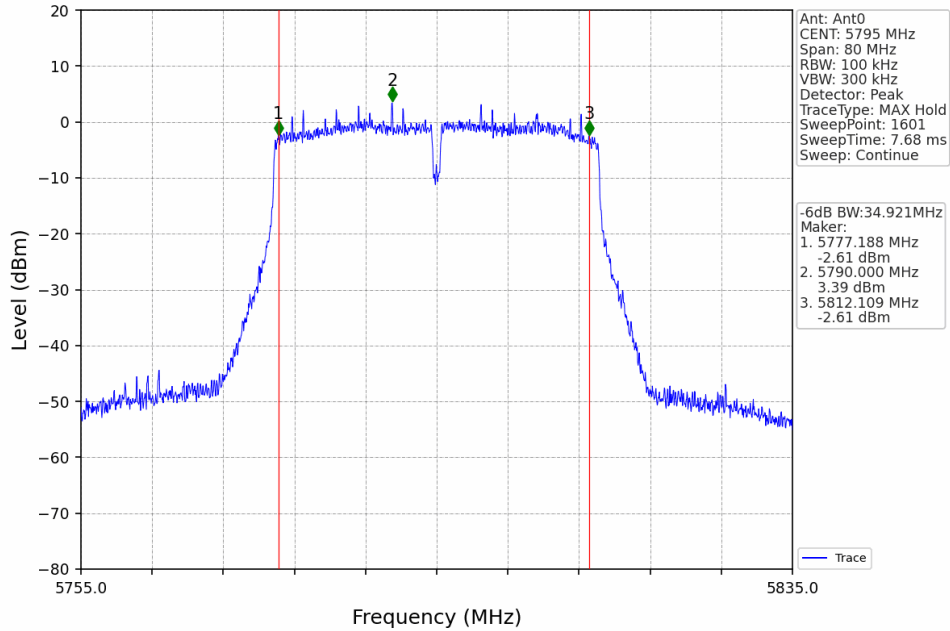
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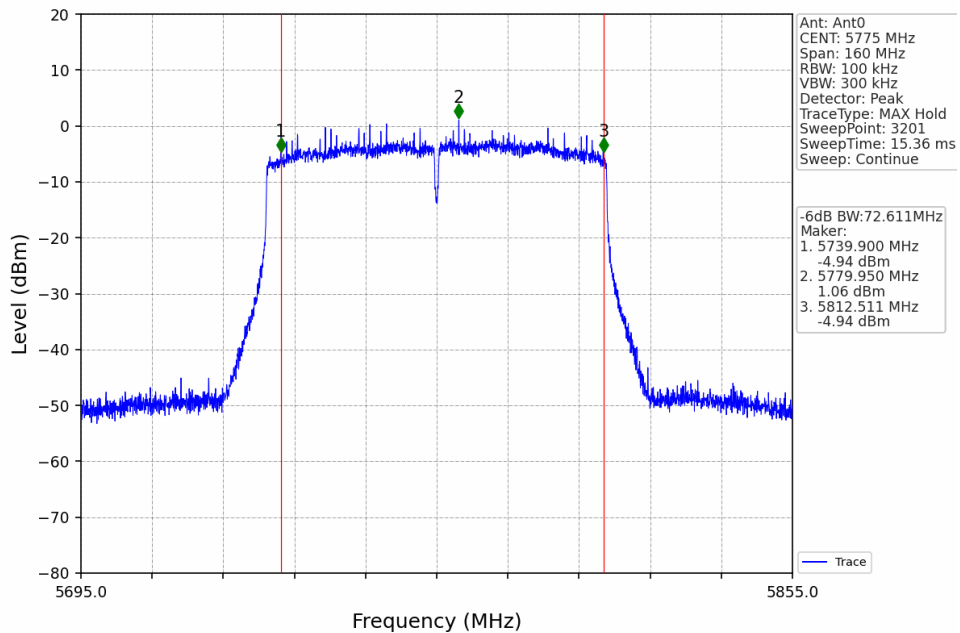
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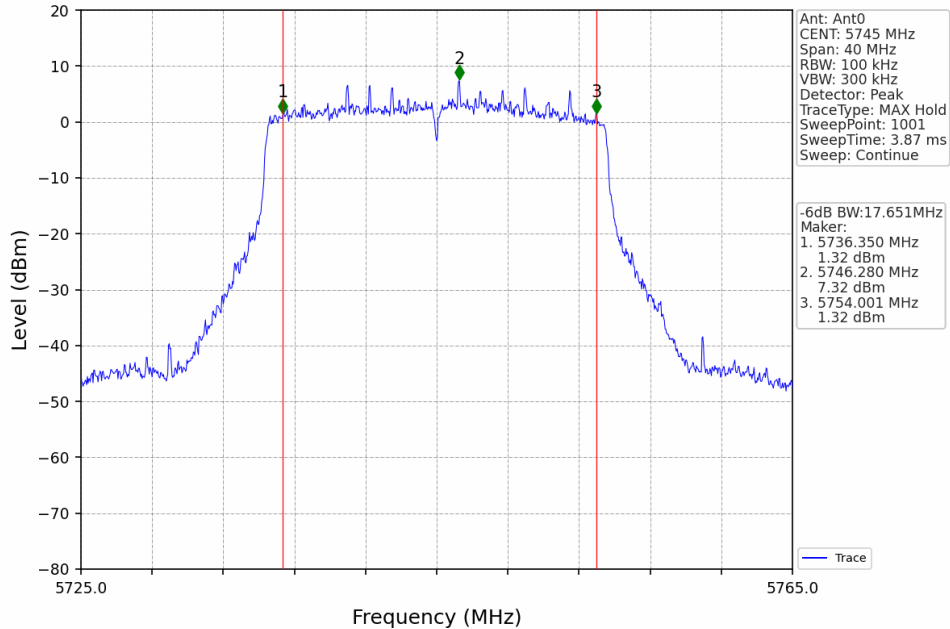
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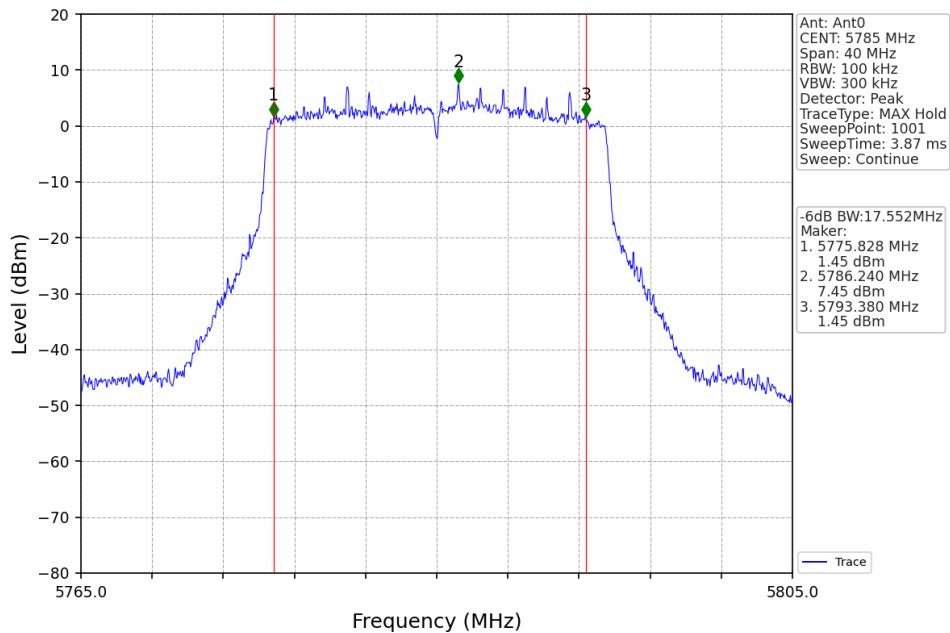
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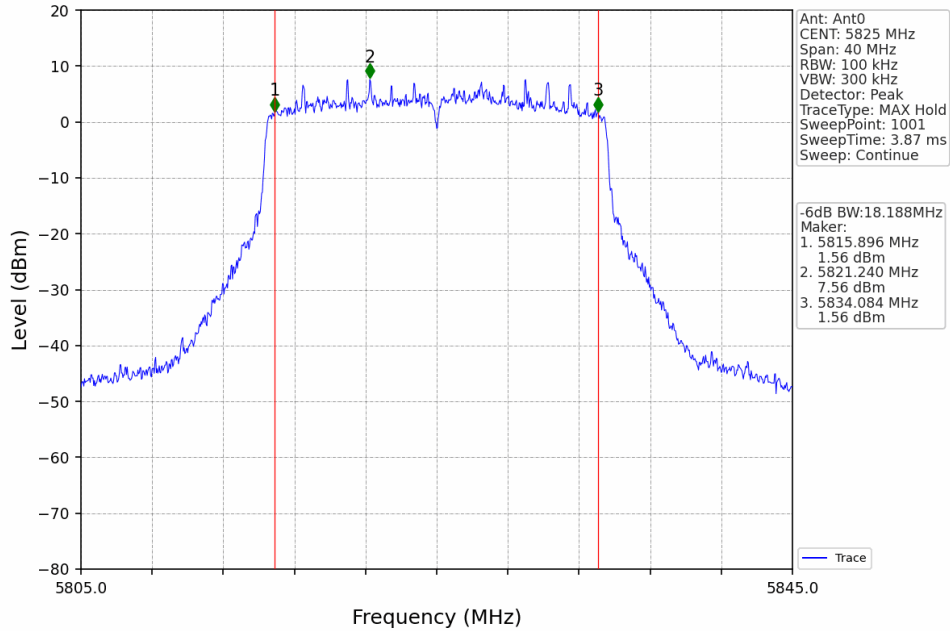
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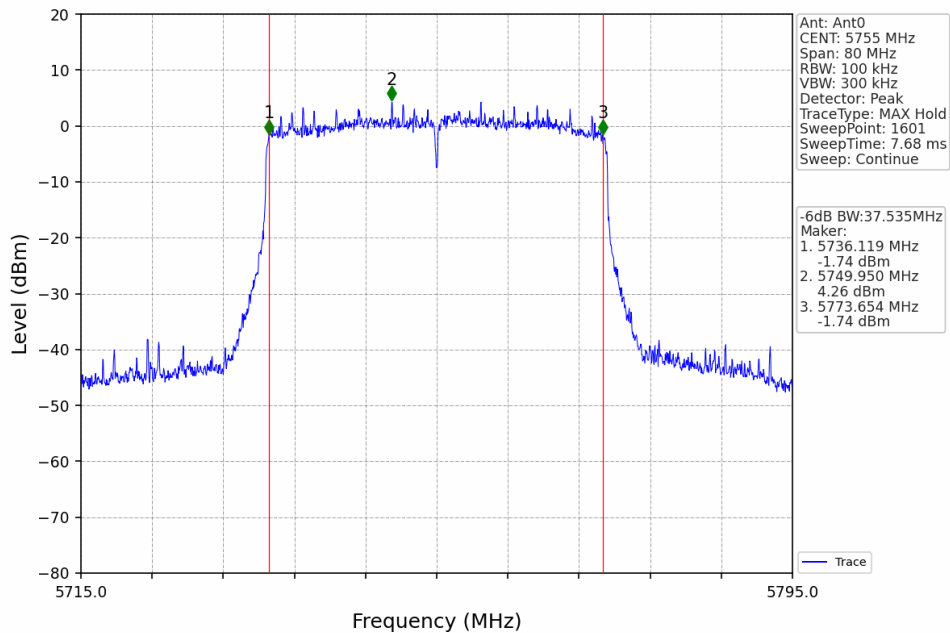
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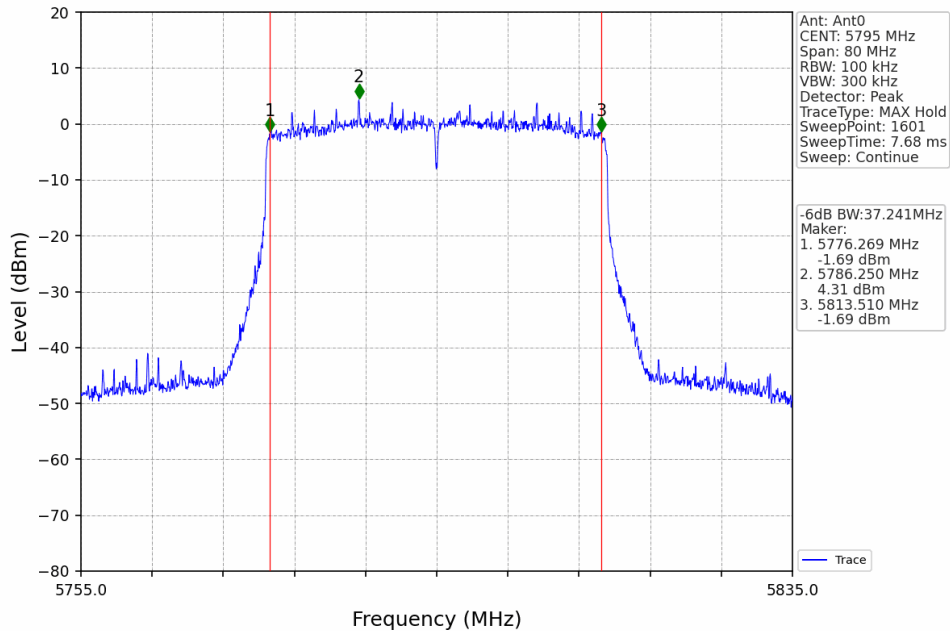
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant0_NTNV



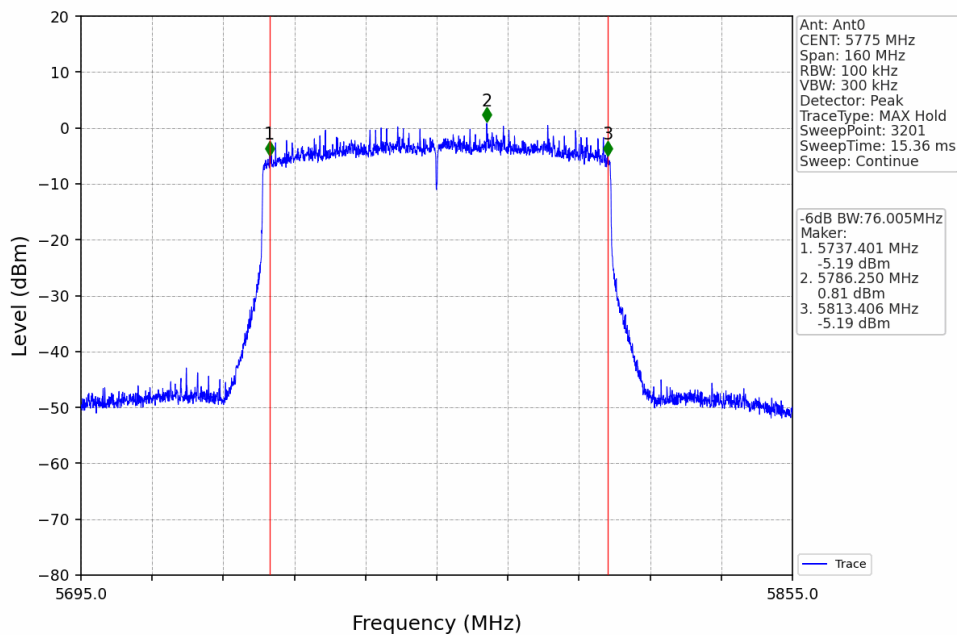
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802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant0_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant0_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	0	19.855	/	Pass
		5200	/	/	0	20.336	/	Pass
		5240	/	/	0	20.359	/	Pass
802.11n (HT20)	MIMO	5180	/	/	0	20.498	/	Pass
		5200	/	/	0	20.012	/	Pass
		5240	/	/	0	20.193	/	Pass
802.11n (HT40)	MIMO	5190	/	/	0	39.617	/	Pass
		5230	/	/	0	39.691	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0	20.270	/	Pass
		5200	/	/	0	20.496	/	Pass
		5240	/	/	0	20.332	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	0	39.497	/	Pass
		5230	/	/	0	39.418	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	0	81.479	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	0	20.961	/	Pass
		5200	RU242	Left	0	21.011	/	Pass
		5240	RU242	Left	0	21.027	/	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	0	40.293	/	Pass
		5230	RU484	Left	0	40.250	/	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	0	81.921	/	Pass



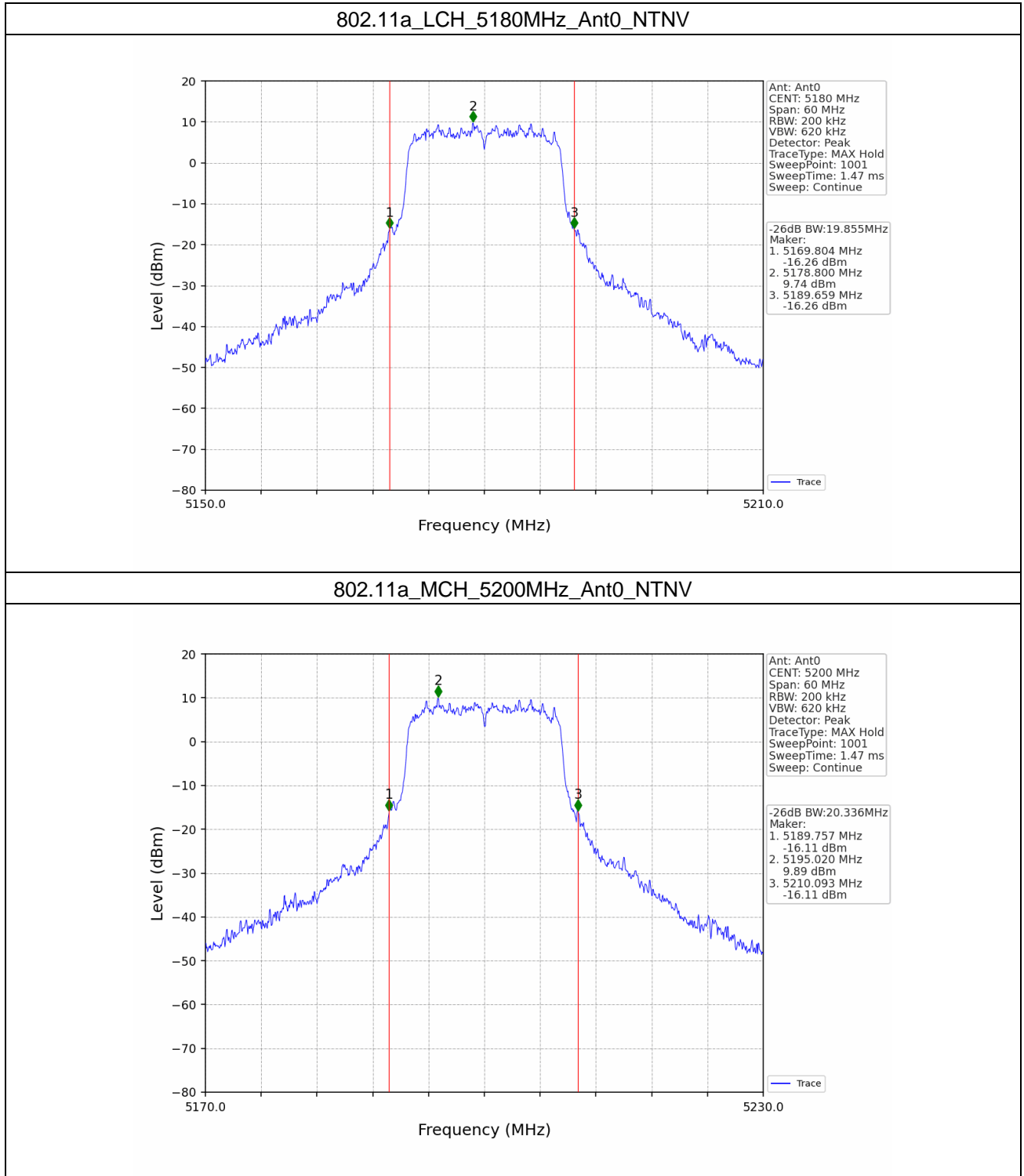
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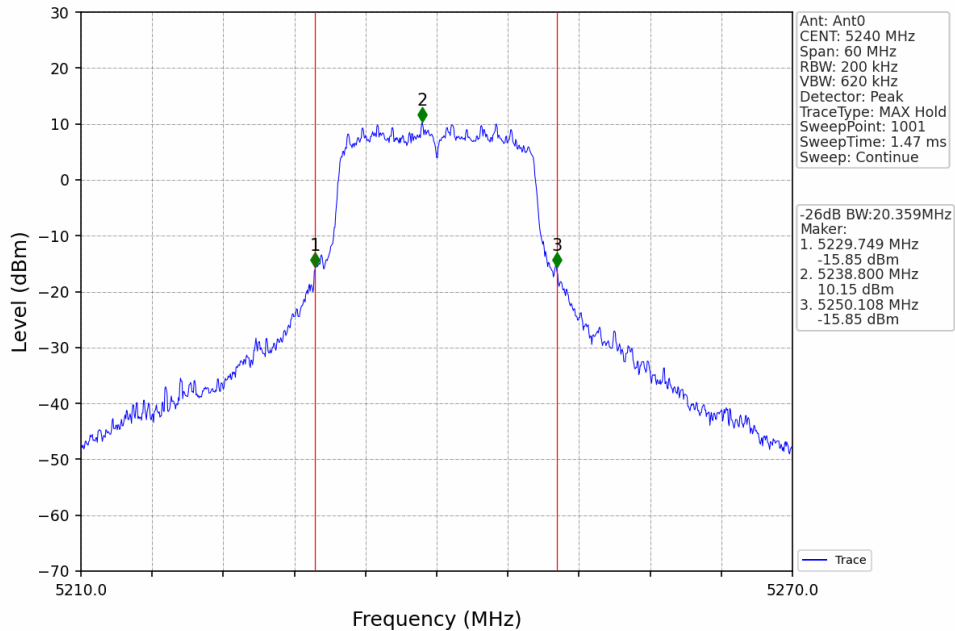
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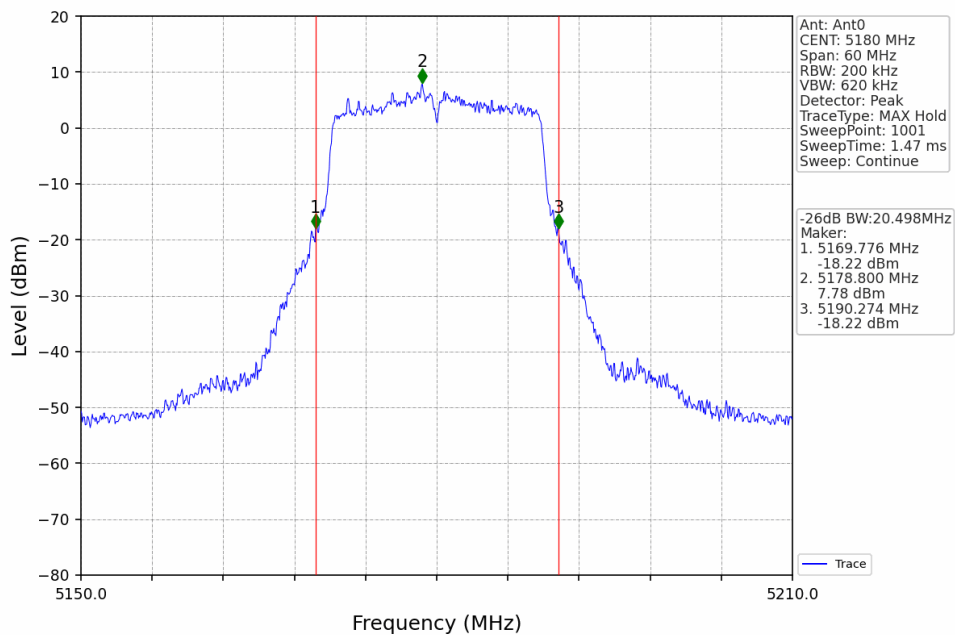
2.3.2 Test Graph



802.11a_HCH_5240MHz_Ant0_NTNV



802.11n(HT20)_LCH_5180MHz_Ant0_NTNV



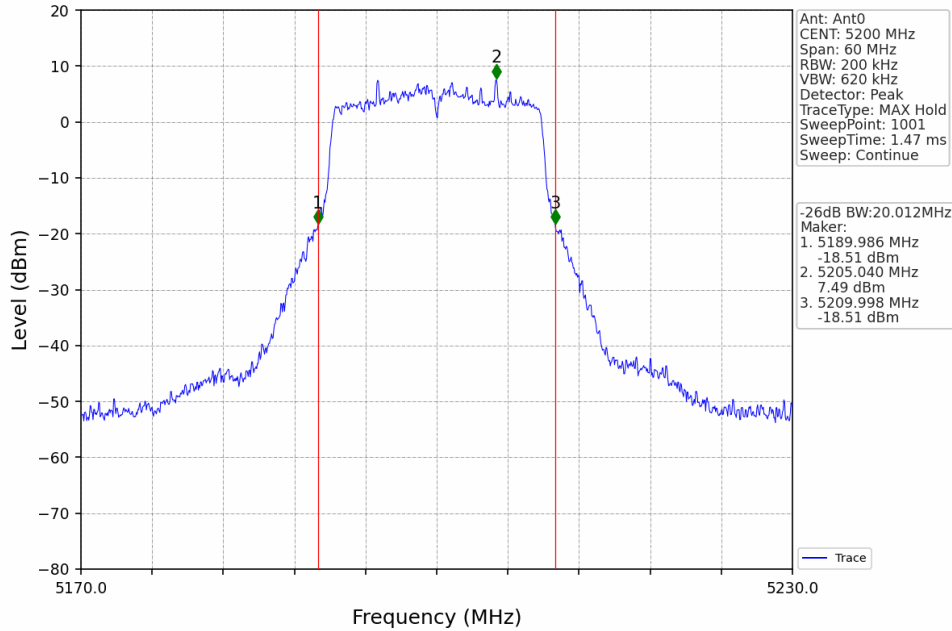
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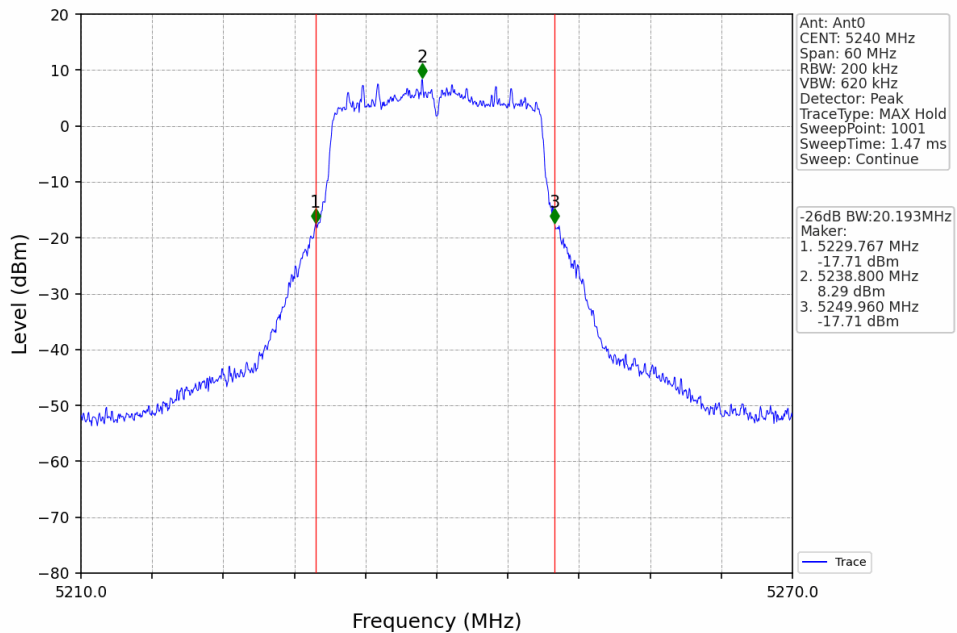
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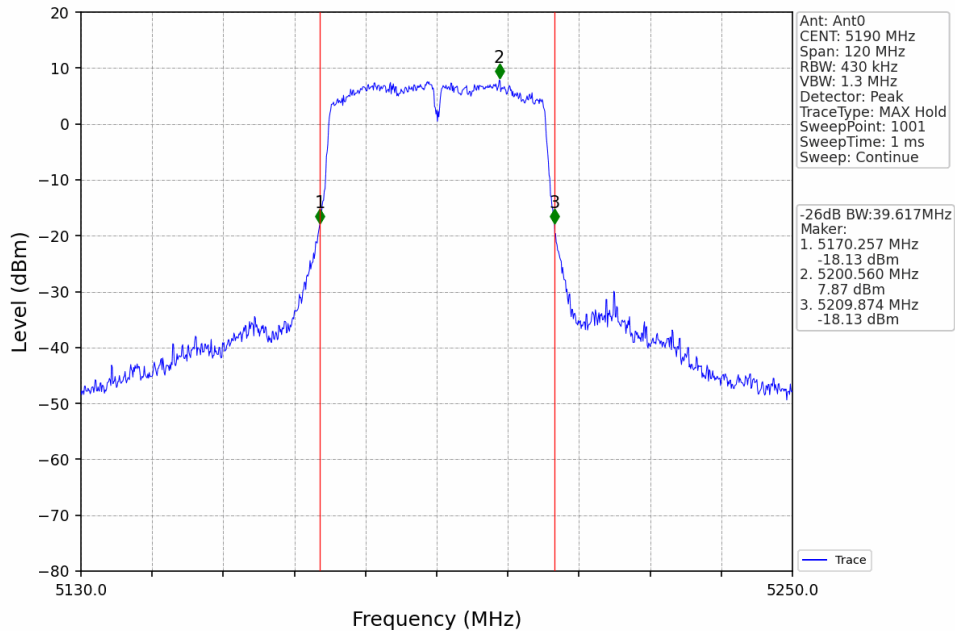
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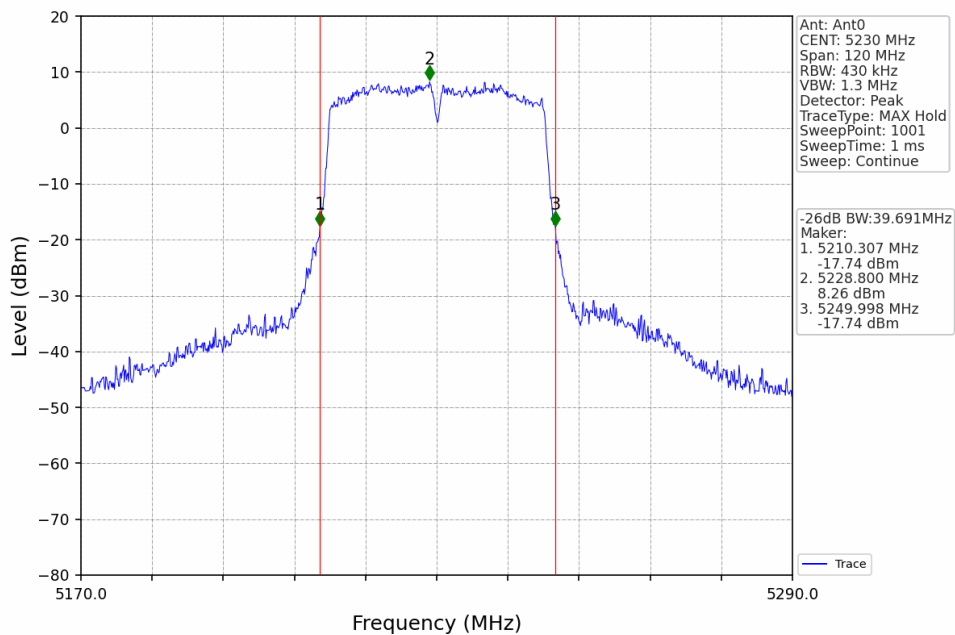
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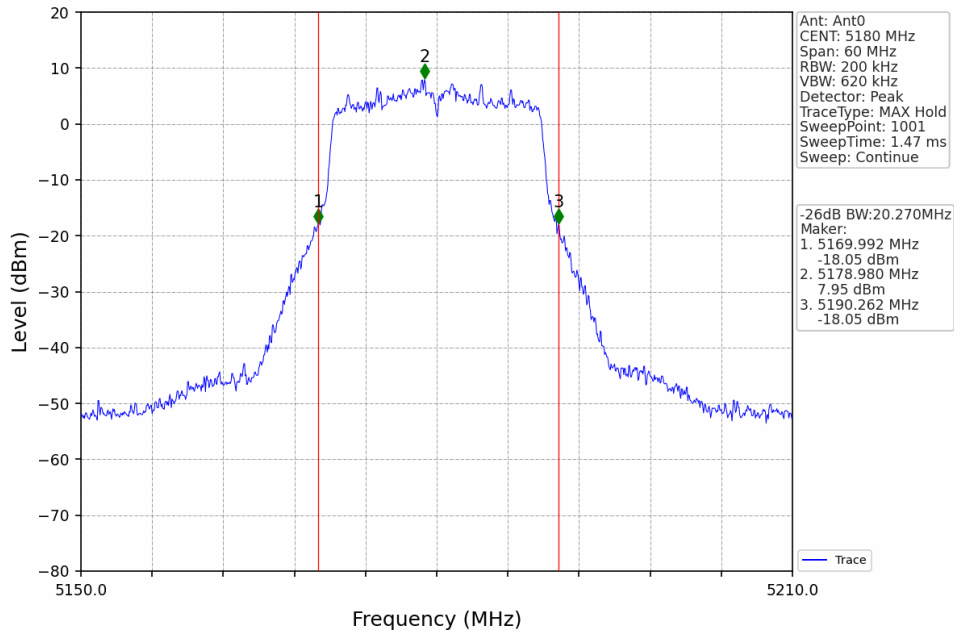
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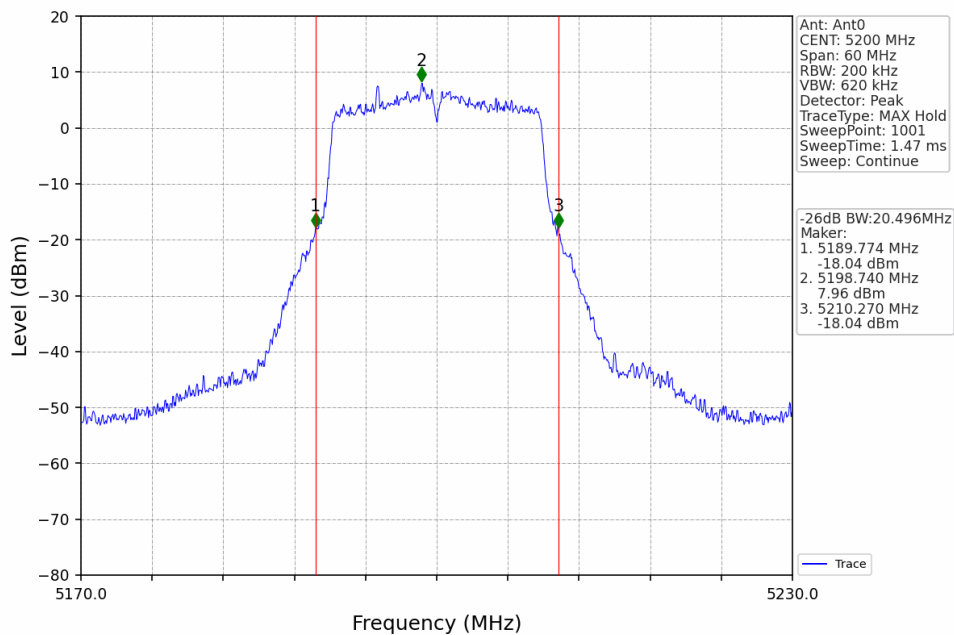
802.11n(HT40)_HCH_5230MHz_Ant0_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant0_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant0_NTNV



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