

1. Duty Cycle

1.1 Test Result

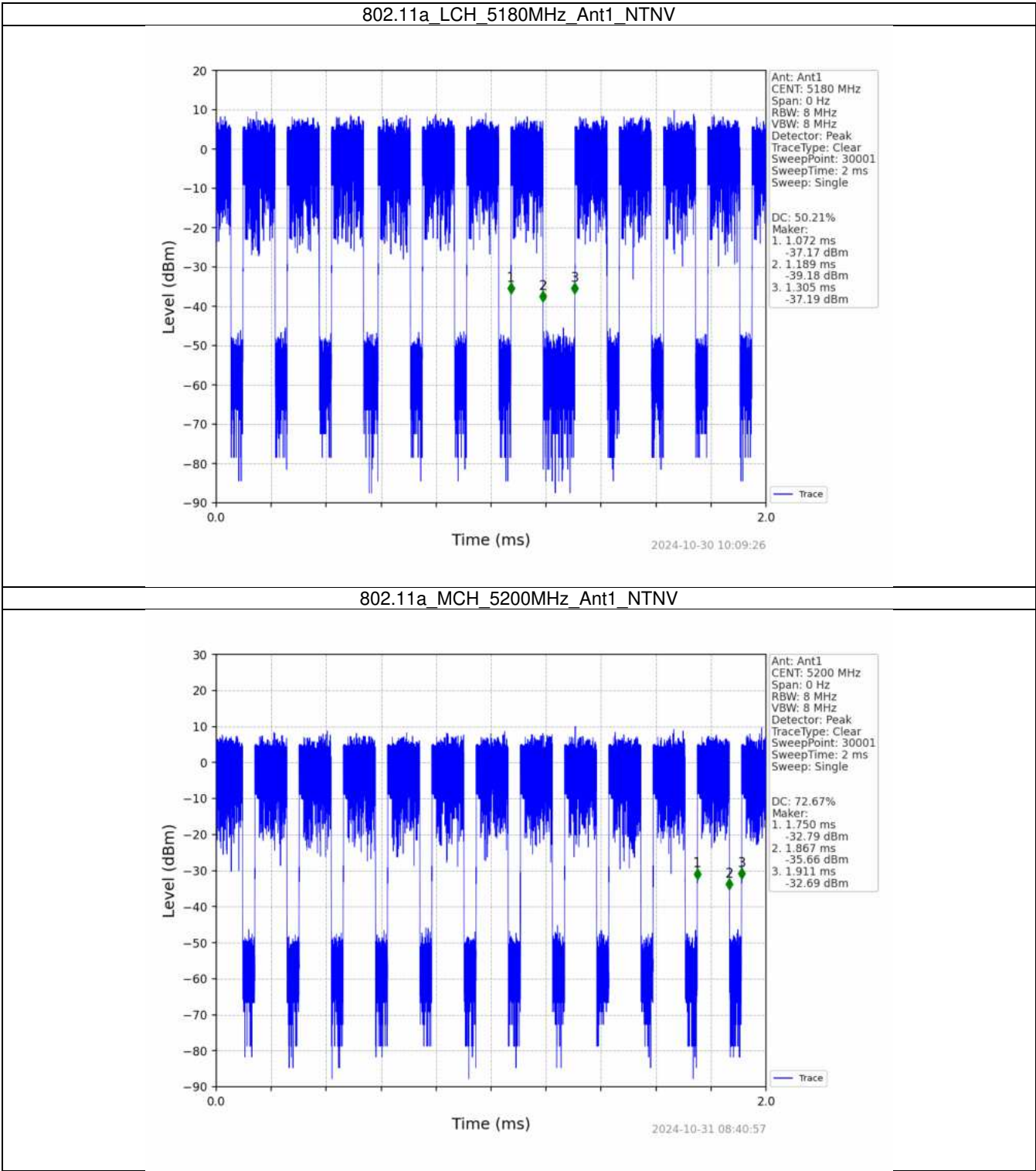
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	0.117	0.233	50.21	2.99	22.52
		5200	0.117	0.161	72.67	1.39	0.17
		5240	0.117	0.161	72.67	1.39	0.08
		5260	0.117	0.287	40.77	3.90	50.12
		5300	0.117	0.233	50.21	2.99	22.52
		5320	0.117	0.161	72.67	1.39	0.10
		5500	0.117	0.161	72.67	1.39	0.12
		5580	0.117	0.161	72.67	1.39	0.08
		5700	0.117	0.161	72.67	1.39	0.04
		5745	0.117	0.161	72.67	1.39	0.08
		5785	0.117	0.161	72.67	1.39	0.12
		5825	0.117	0.161	72.67	1.39	0.12
802.11n (HT20)	MIMO	5180	0.081	0.125	64.80	1.88	0.12
		5200	0.081	0.125	64.80	1.88	0.07
		5240	0.081	0.134	60.45	2.19	4.37
		5260	0.082	0.125	65.60	1.83	0.10
		5300	0.081	0.125	64.80	1.88	0.09
		5320	0.080	0.125	64.00	1.94	0.11
		5500	0.080	0.125	64.00	1.94	0.11
		5580	0.081	0.125	64.80	1.88	0.12
		5700	0.080	0.125	64.00	1.94	0.08
		5745	0.081	0.206	39.32	4.05	25.42
		5785	0.080	0.125	64.00	1.94	0.13
		5825	0.081	0.125	64.80	1.88	0.14
802.11n (HT40)	MIMO	5190	0.062	0.106	58.49	2.33	0.14
		5230	0.062	0.106	58.49	2.33	0.16
		5270	0.062	0.106	58.49	2.33	0.14
		5310	0.062	0.106	58.49	2.33	0.19
		5510	0.063	0.106	59.43	2.26	0.11
		5550	0.062	0.106	58.49	2.33	0.13
		5670	0.063	0.106	59.43	2.26	0.24
		5755	0.062	0.105	59.05	2.29	0.12
		5795	0.062	0.106	58.49	2.33	0.14
802.11ac (VHT20)	MIMO	5180	0.087	0.132	65.91	1.81	0.11
		5200	0.087	0.132	65.91	1.81	0.08
		5240	0.089	0.132	67.42	1.71	0.11
		5260	0.087	0.132	65.91	1.81	0.08
		5300	0.089	0.240	37.08	4.31	30.38
		5320	0.088	0.132	66.67	1.76	0.12
		5500	0.088	0.132	66.67	1.76	0.11
		5580	0.088	0.132	66.67	1.76	0.08
		5700	0.000	0.045	0.00	0.00	66.31
		5745	0.087	0.132	65.91	1.81	0.05
		5785	0.089	0.132	67.42	1.71	0.16
		5825	0.089	0.132	67.42	1.71	0.08
802.11ac (VHT40)	MIMO	5190	0.067	0.110	60.91	2.15	0.10
		5230	0.067	0.110	60.91	2.15	0.05
		5270	0.066	0.119	55.46	2.56	4.69
		5310	0.066	0.110	60.00	2.22	0.08

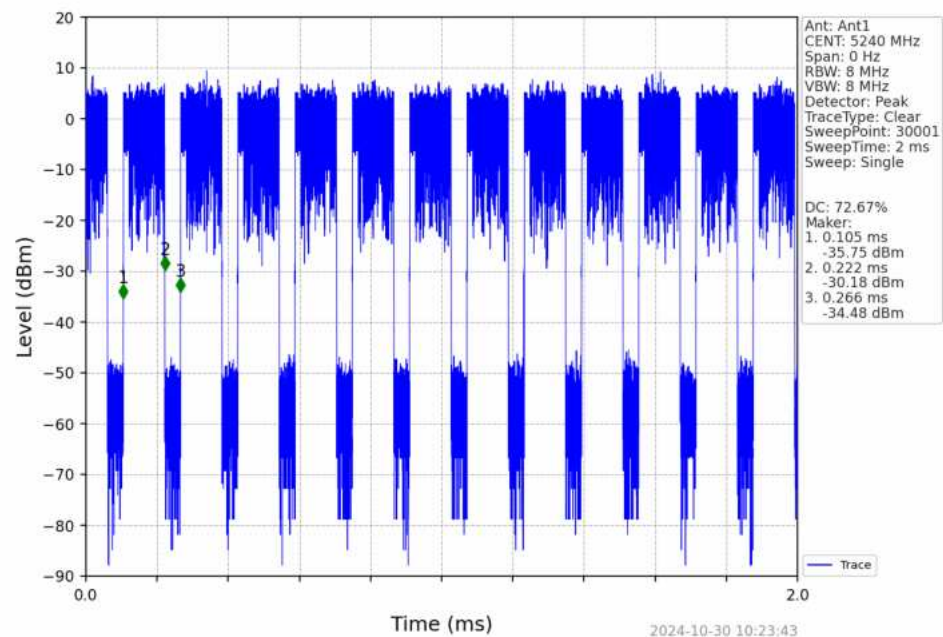
		5510	0.066	0.110	60.00	2.22	0.21
		5550	0.066	0.110	60.00	2.22	0.14
		5670	0.066	0.110	60.00	2.22	0.15
		5755	0.066	0.110	60.00	2.22	0.12
		5795	0.066	0.110	60.00	2.22	0.16
802.11ac (VHT80)	MIMO	5210	0.057	0.099	57.58	2.40	0.24
		5290	0.055	0.099	55.56	2.55	0.08
		5530	0.055	0.099	55.56	2.55	0.09
		5610	0.055	0.099	55.56	2.55	0.13
		5775	0.055	0.099	55.56	2.55	0.20

1.2 Test Graph

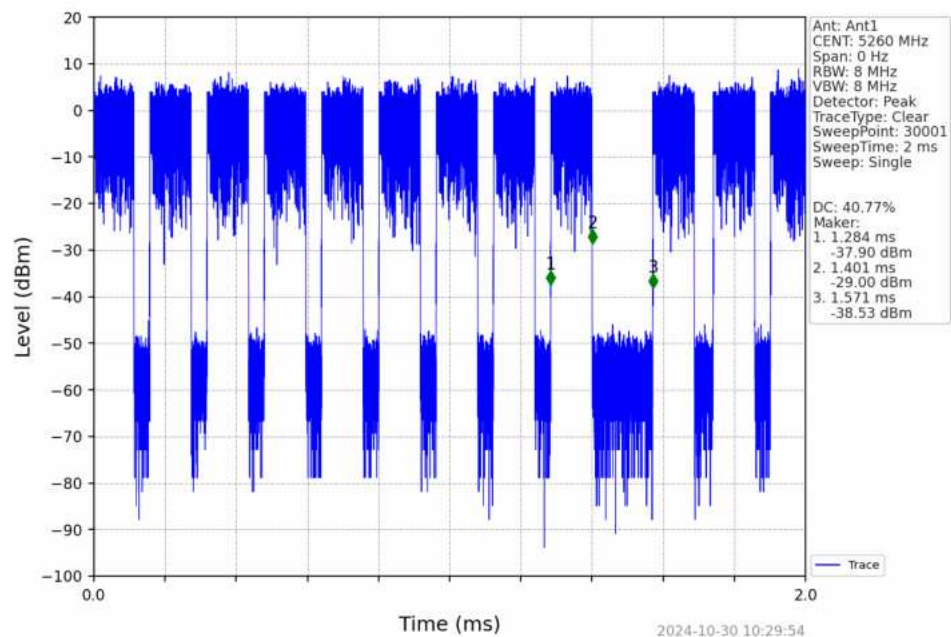
1.2.1 Ant1



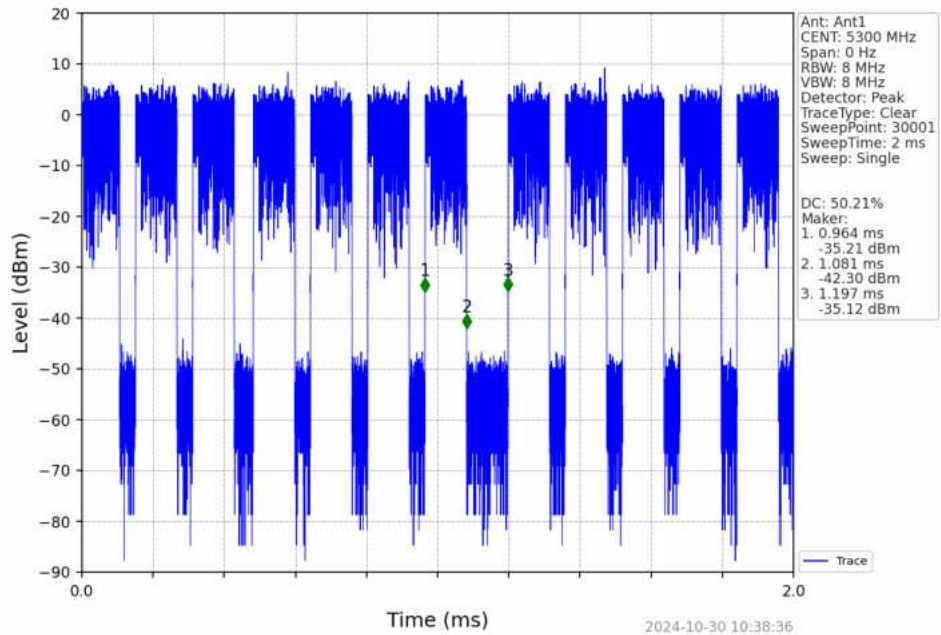
802.11a_HCH_5240MHz_Ant1_NTNV



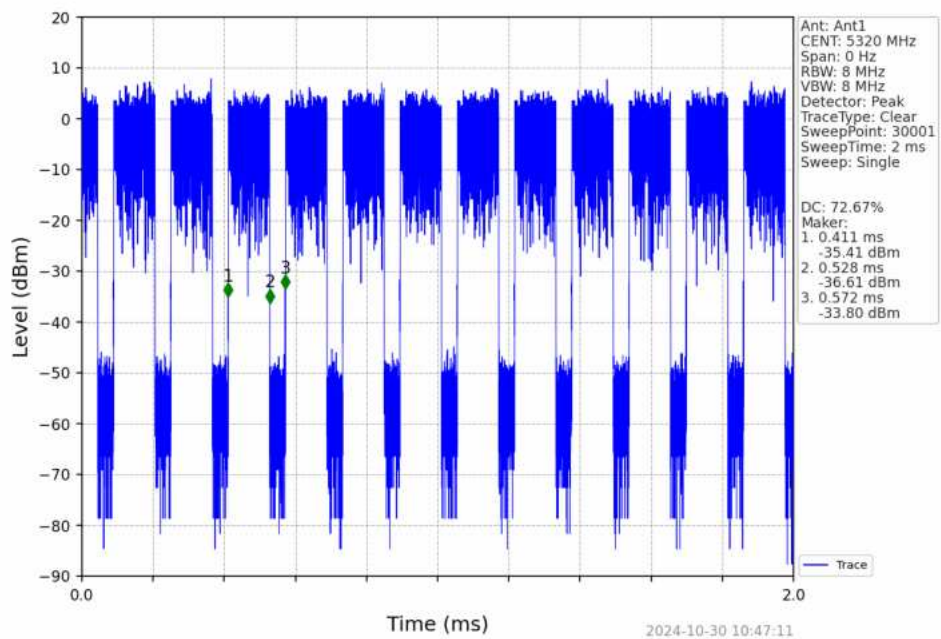
802.11a_LCH_5260MHz_Ant1_NTNV



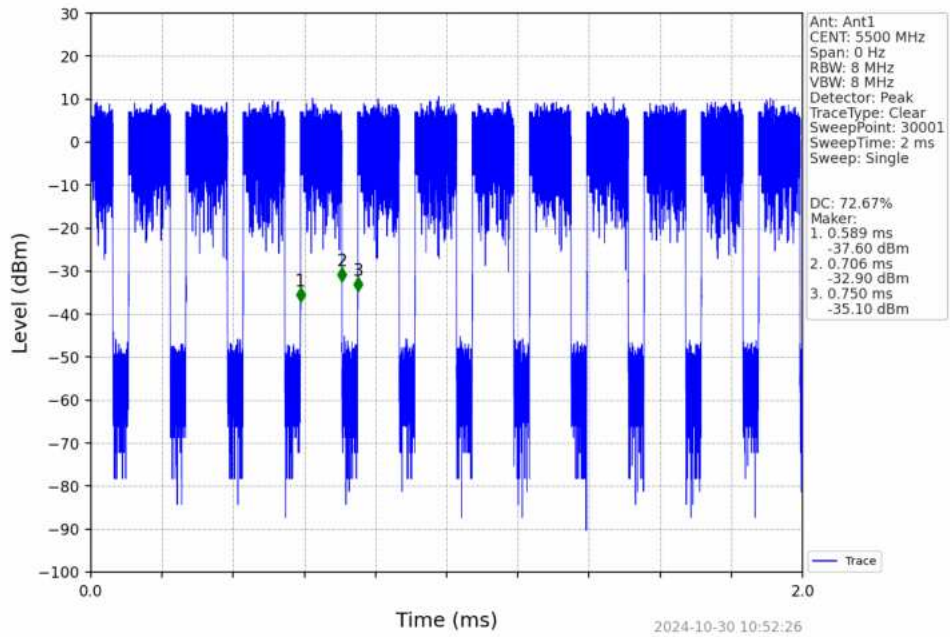
802.11a_MCH_5300MHz_Ant1_NTNV



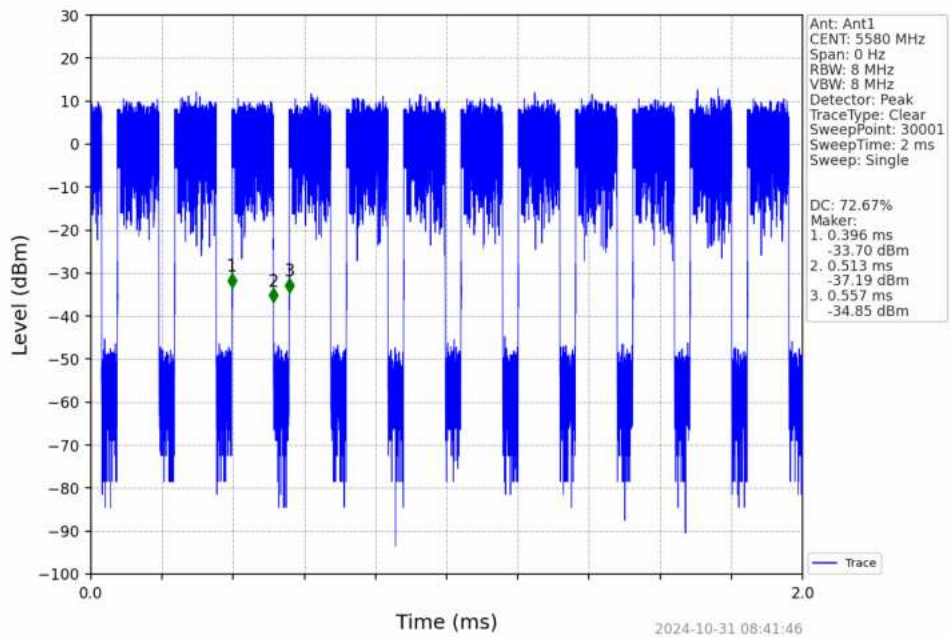
802.11a_HCH_5320MHz_Ant1_NTNV



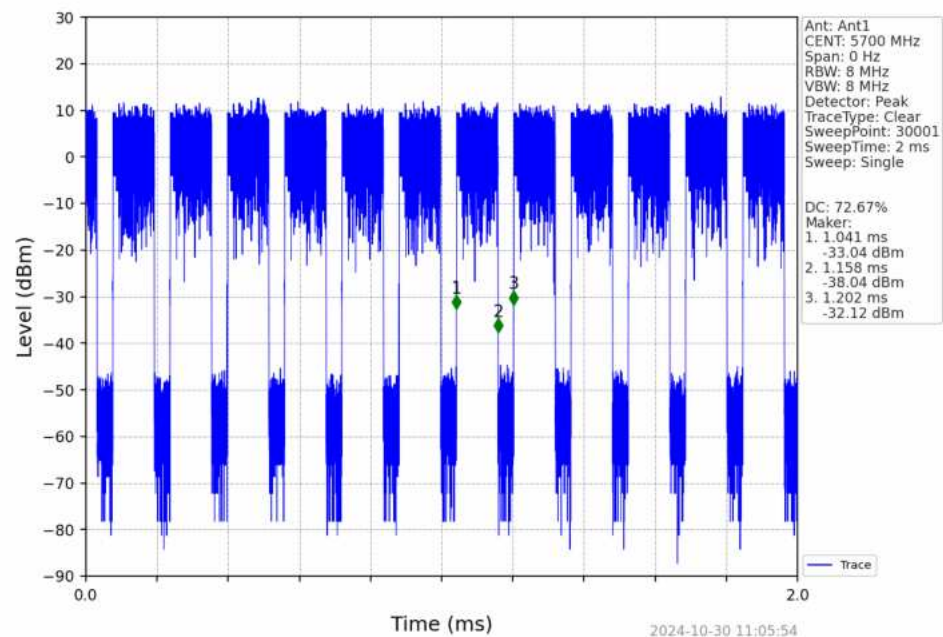
802.11a_LCH_5500MHz_Ant1_NTNV



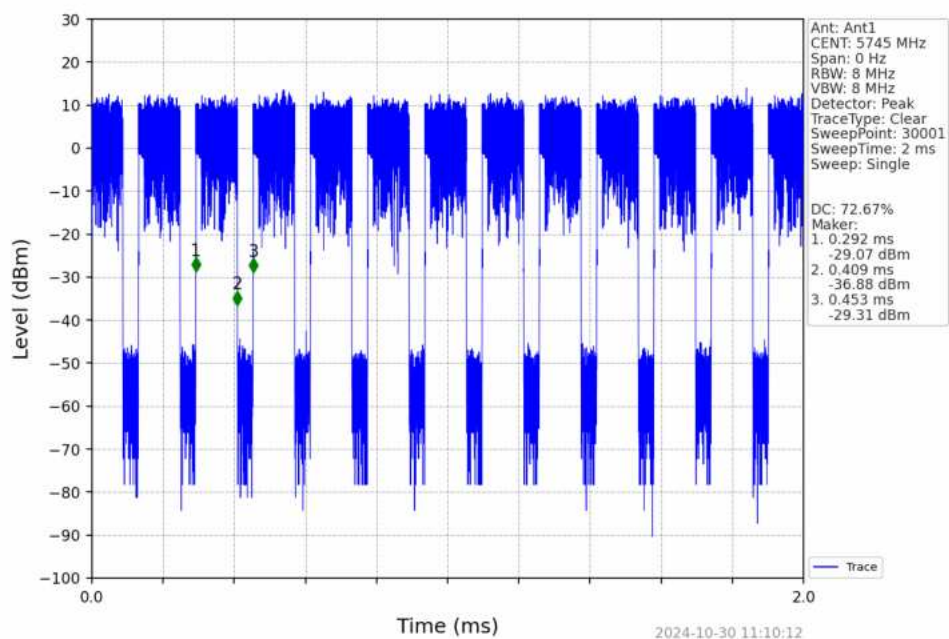
802.11a_MCH_5580MHz_Ant1_NTNV



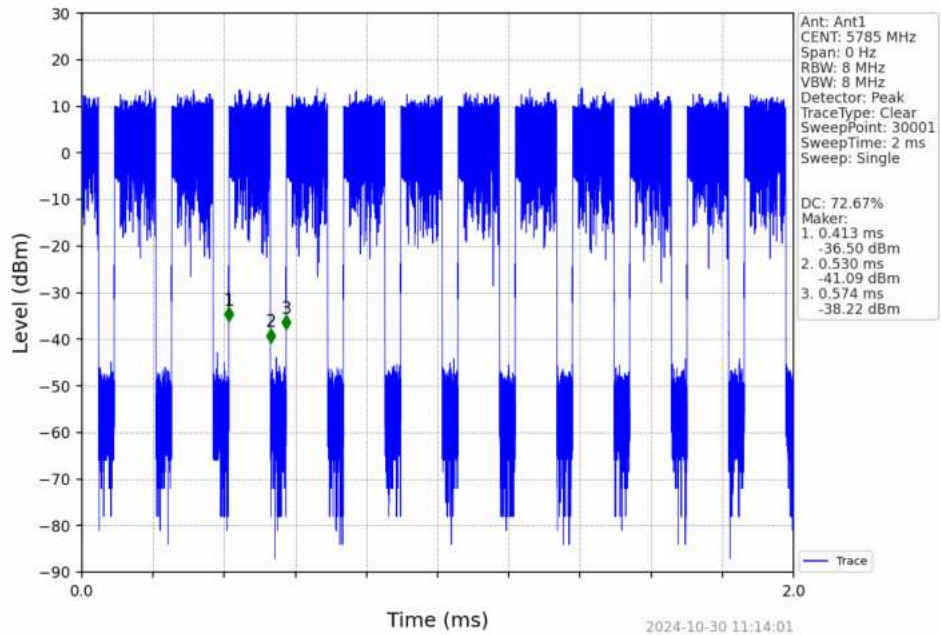
802.11a_HCH_5700MHz_Ant1_NTNV



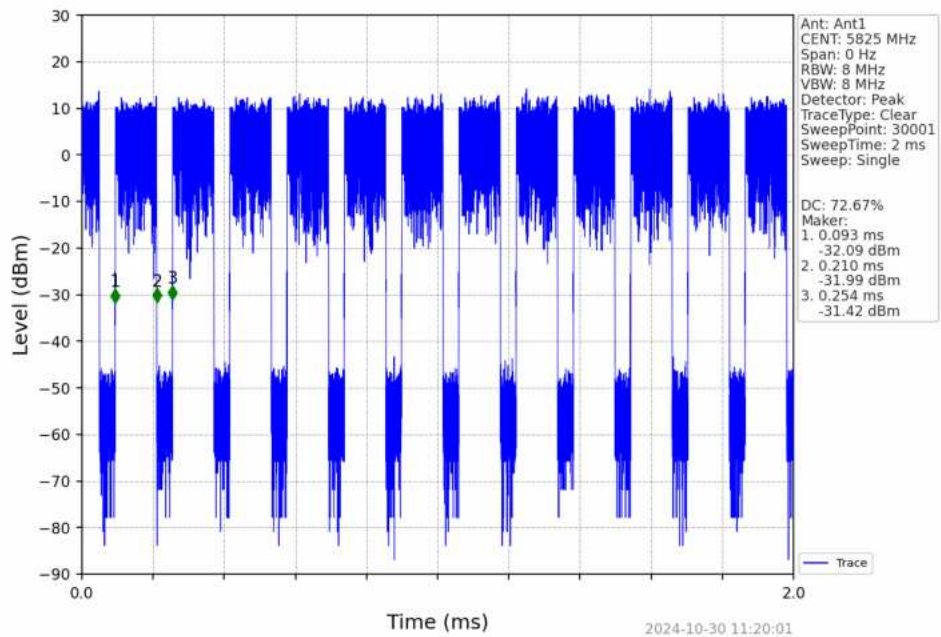
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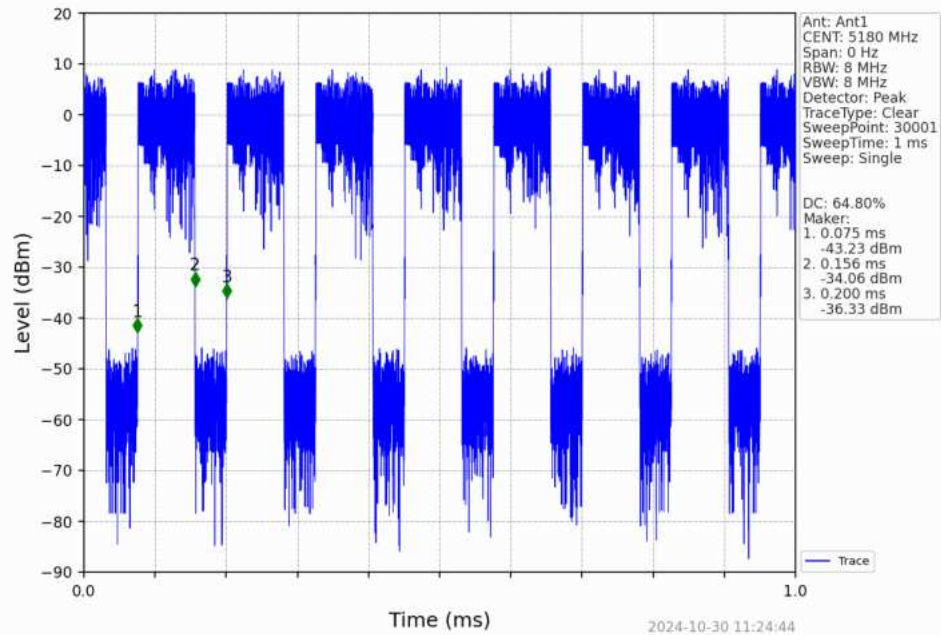
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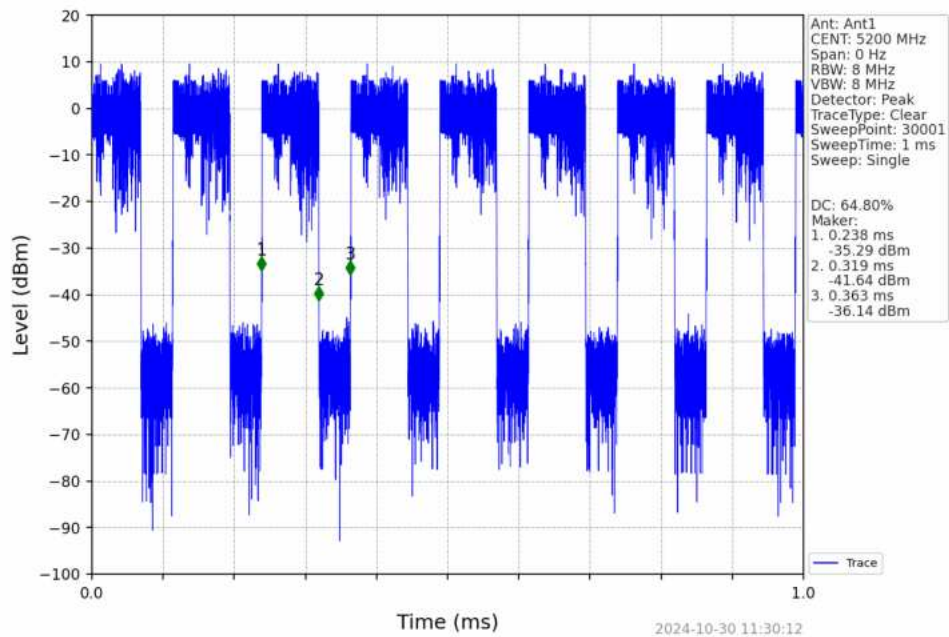
802.11a_HCH_5825MHz_Ant1_NTNV



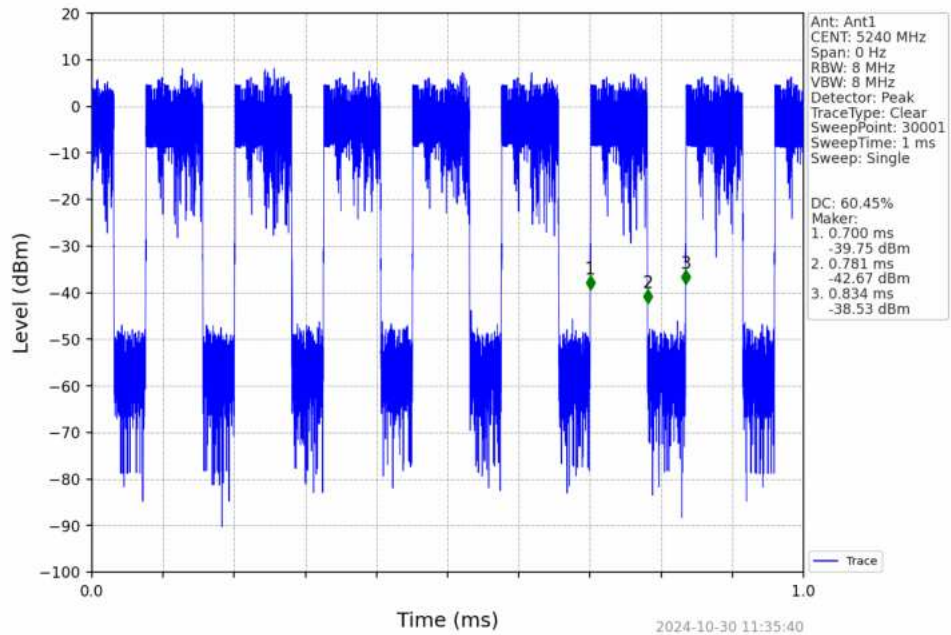
802.11n(HT20) LCH 5180MHz_Ant1_NTNV



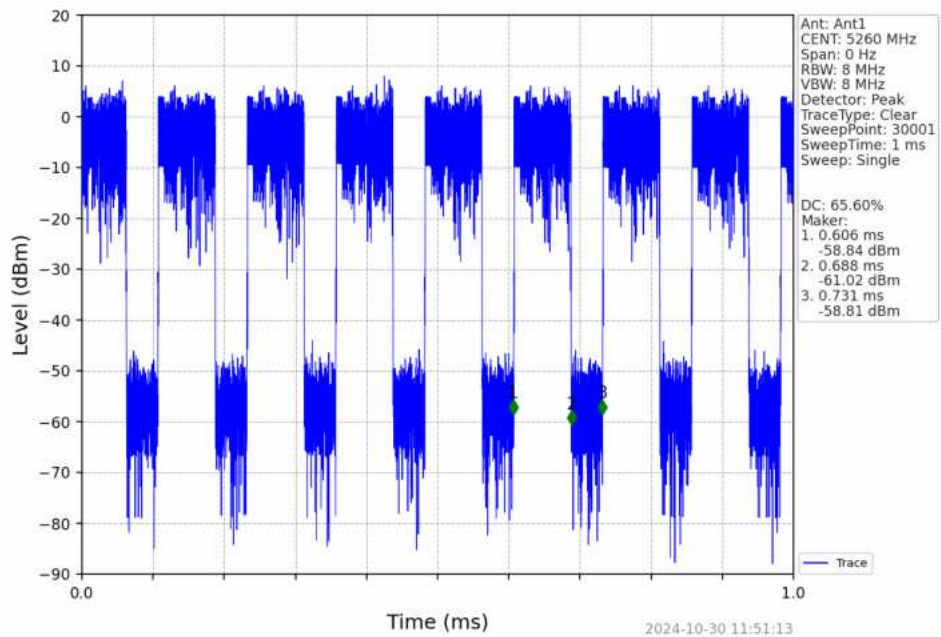
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



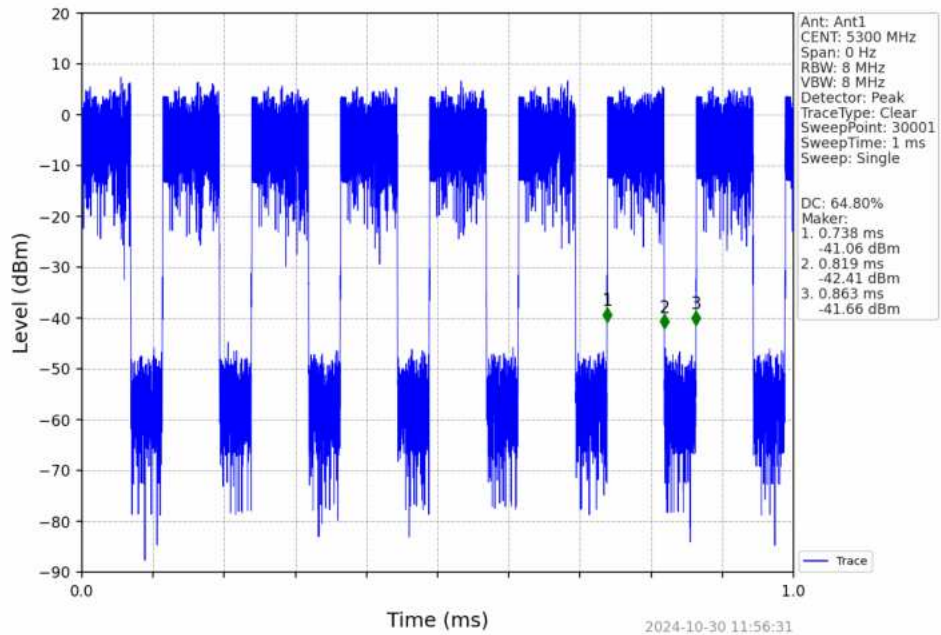
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



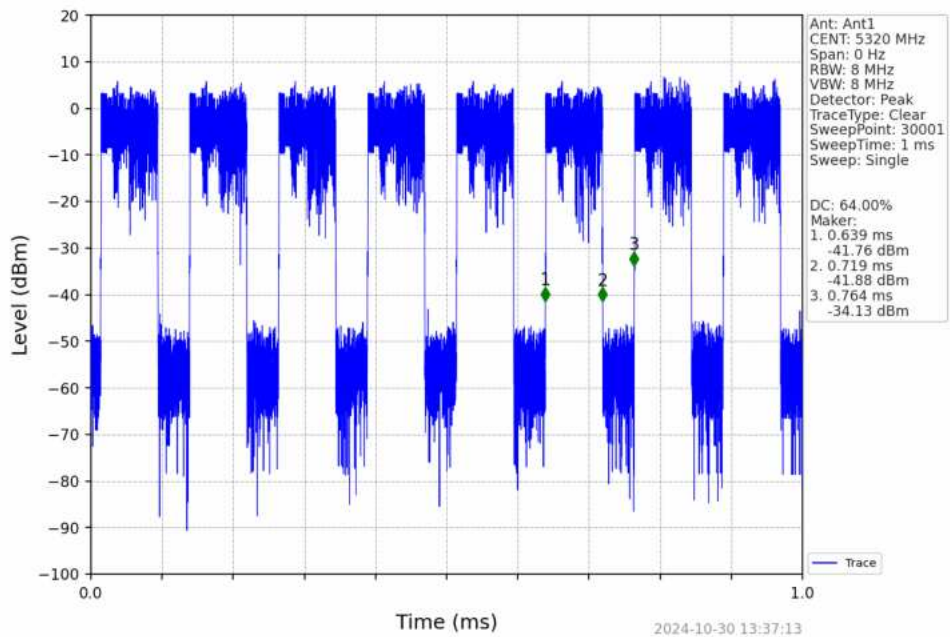
802.11n(HT20) LCH 5260MHz_Ant1_NTNV



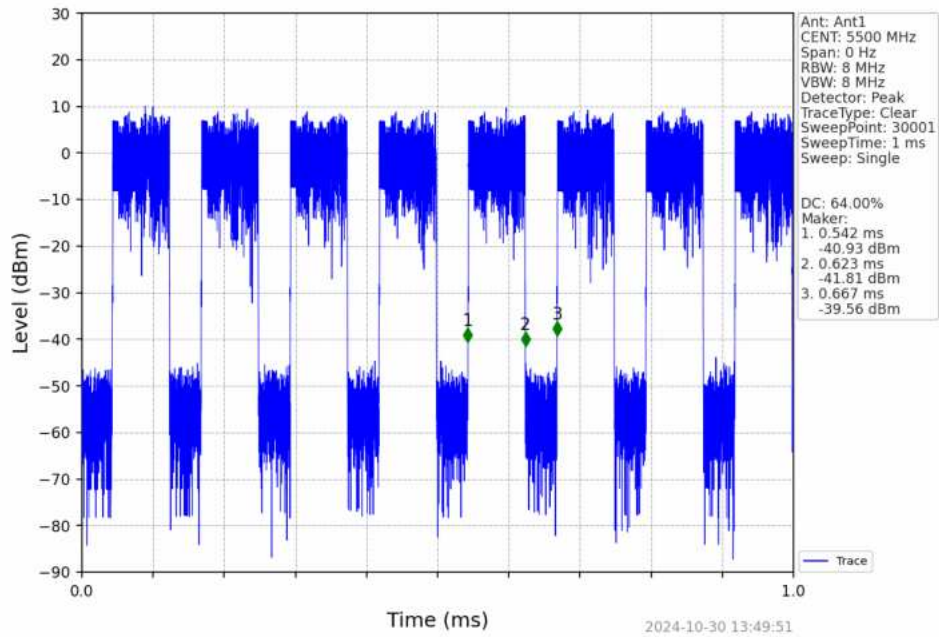
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



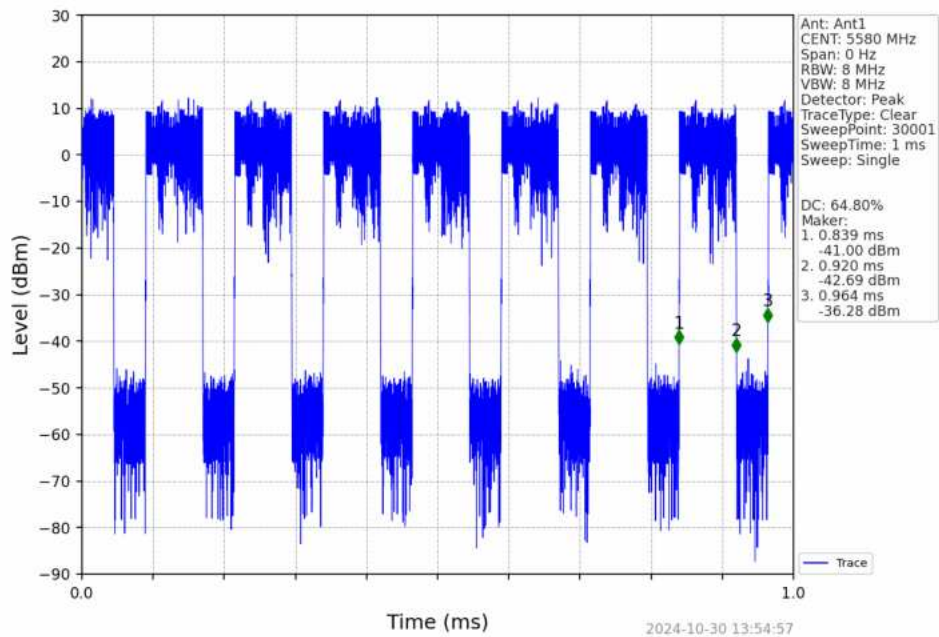
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



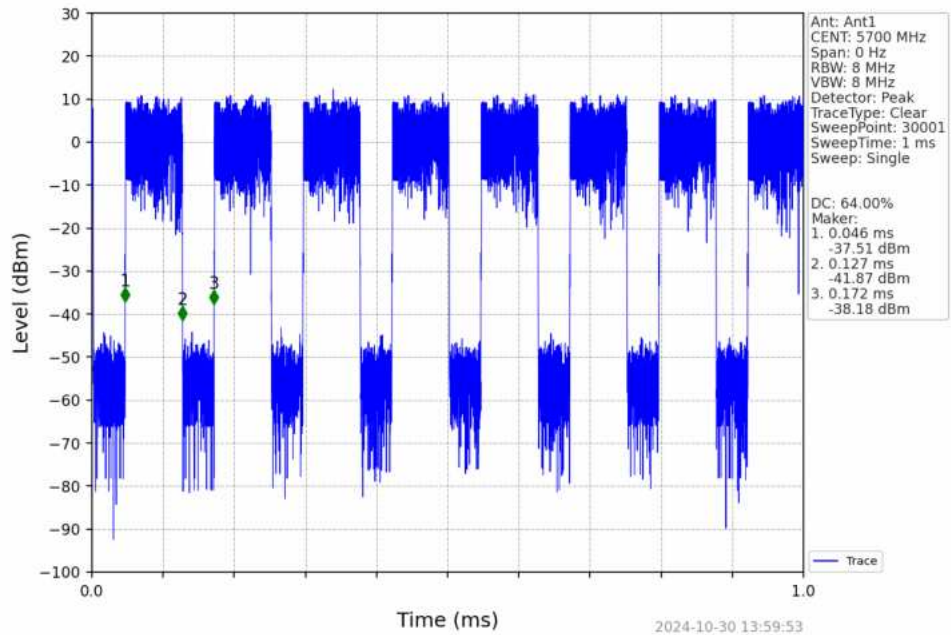
802.11n(HT20) LCH 5500MHz_Ant1_NTNV



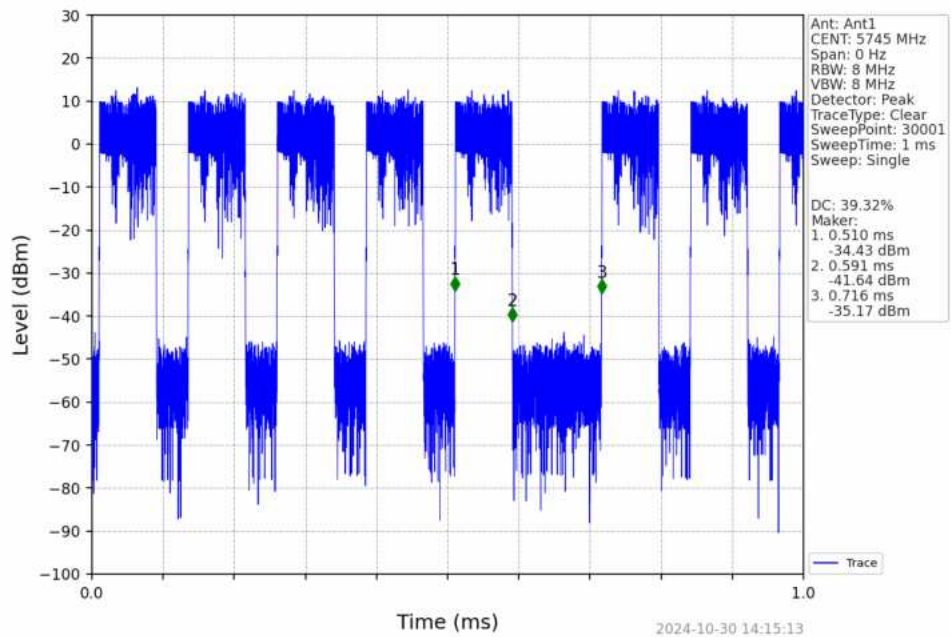
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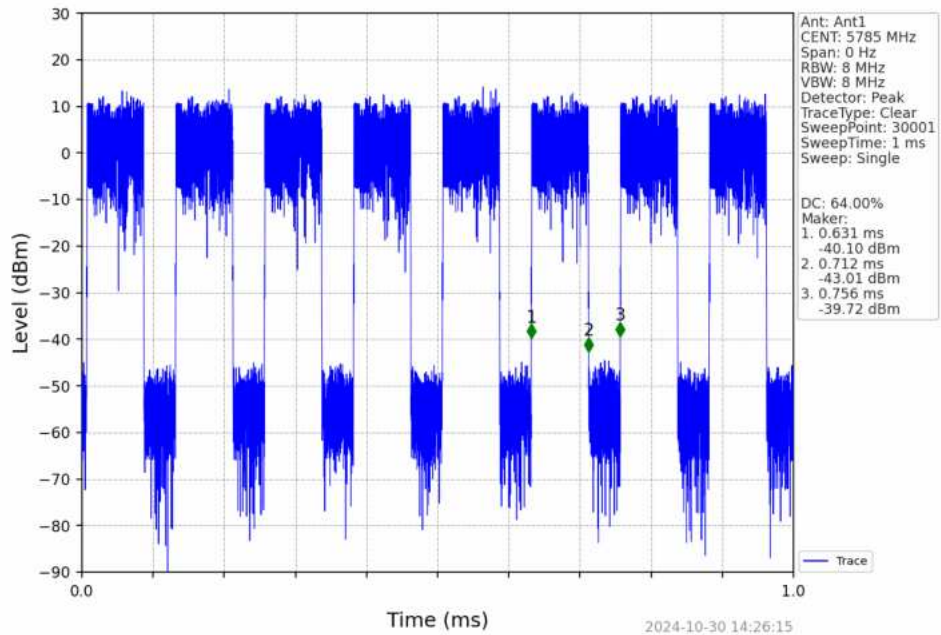
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



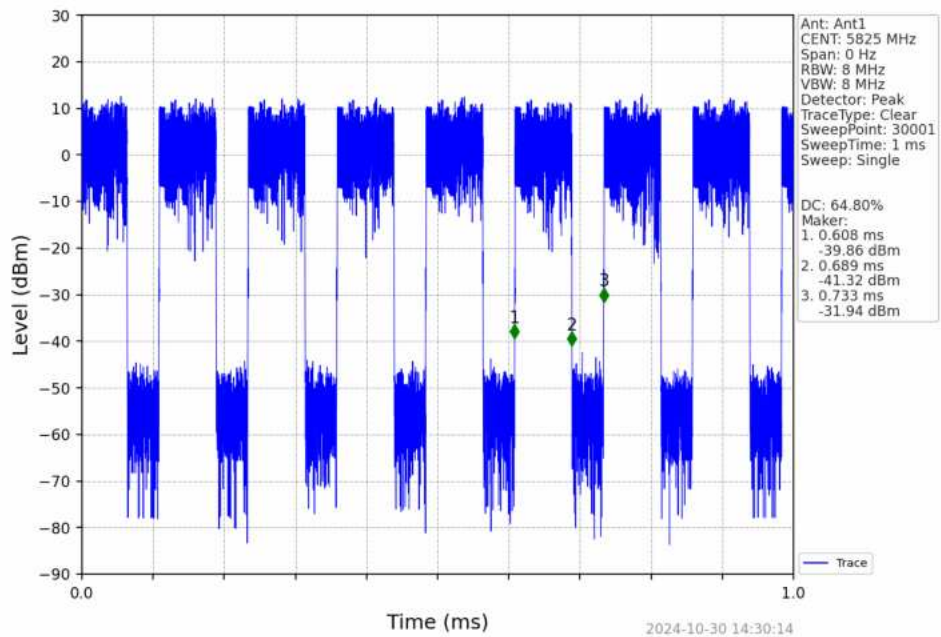
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



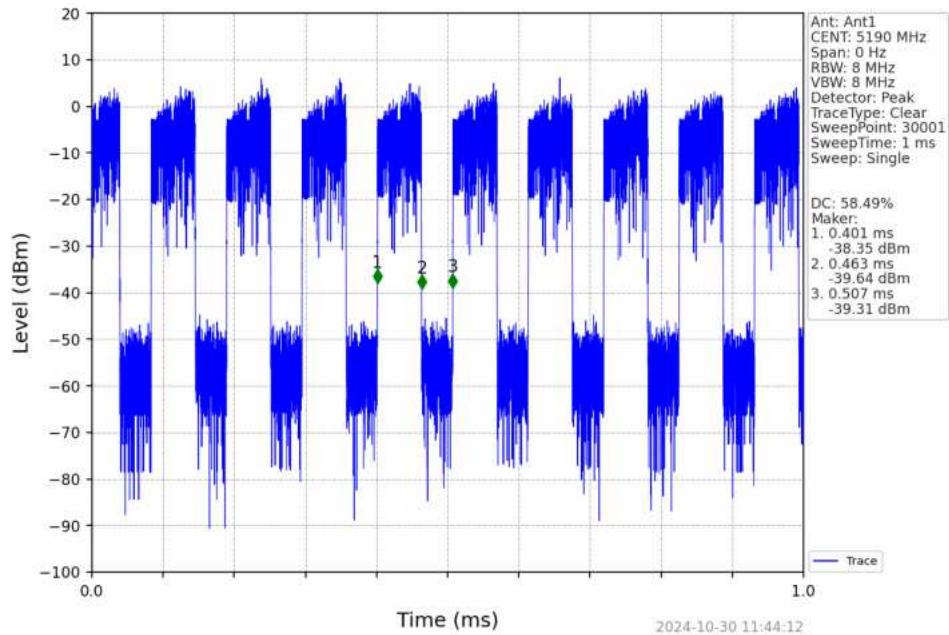
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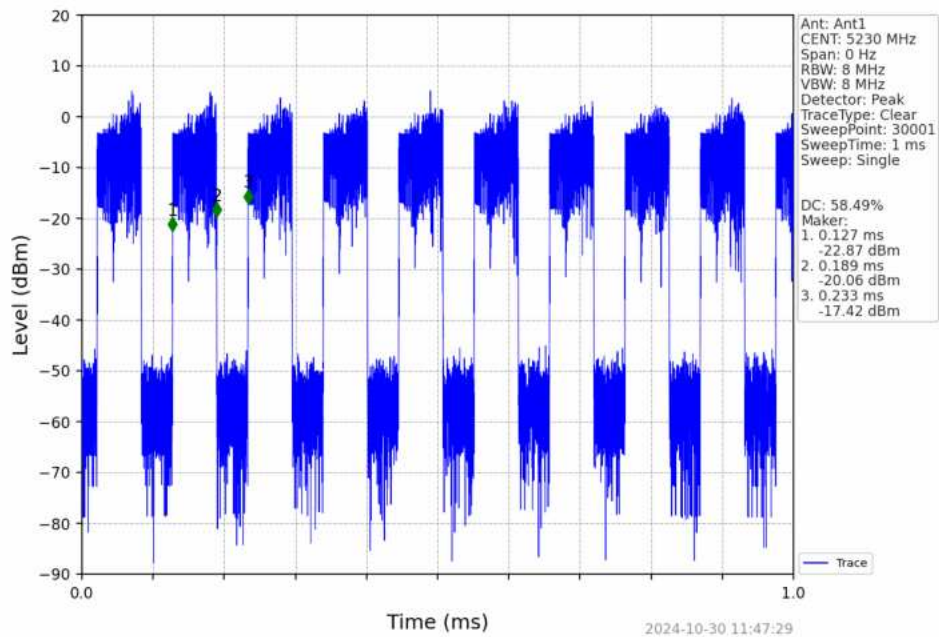
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



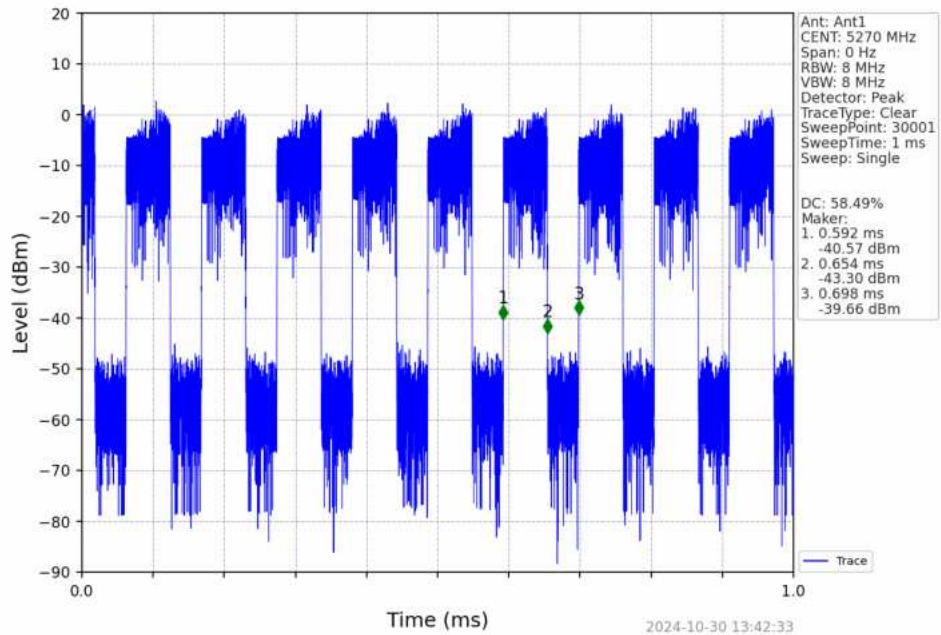
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



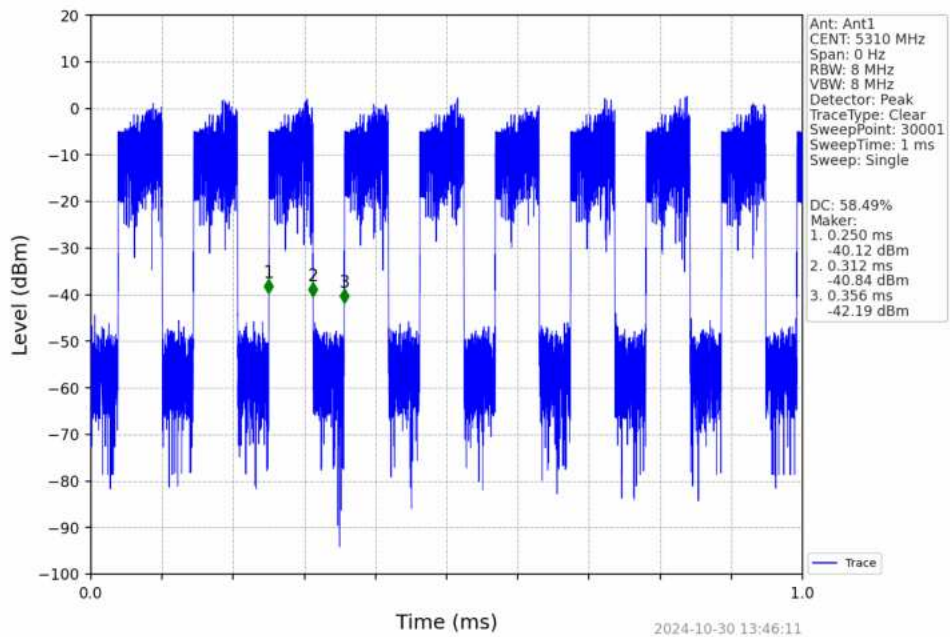
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



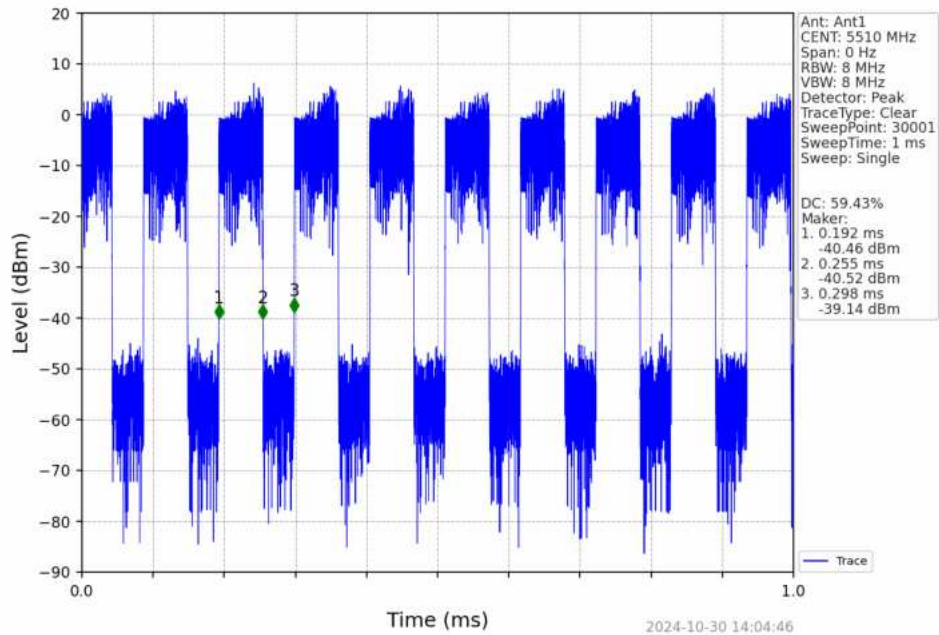
802.11n(HT40) LCH 5270MHz_Ant1_NTNV



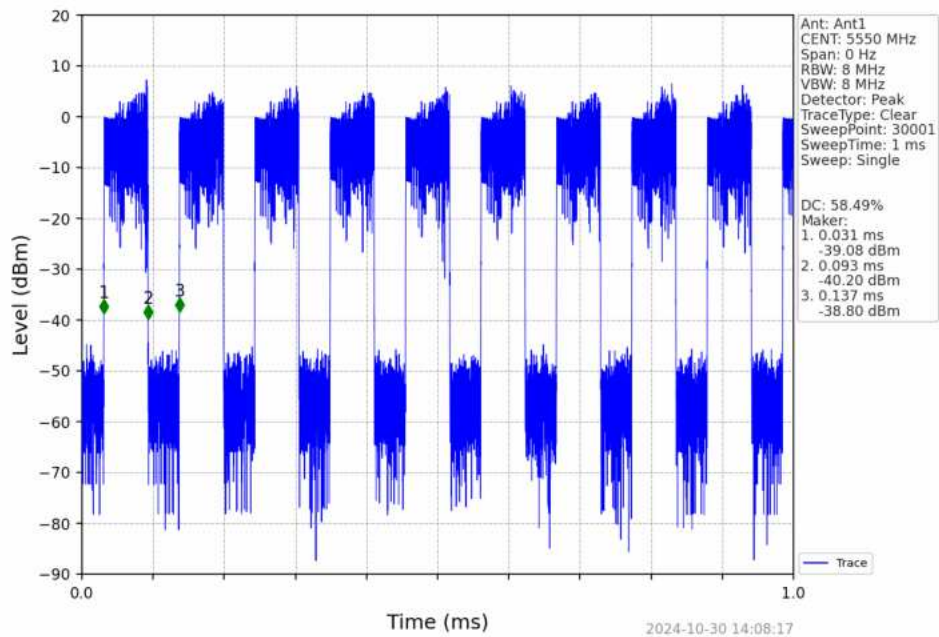
802.11n(HT40) HCH 5310MHz_Ant1_NTNV



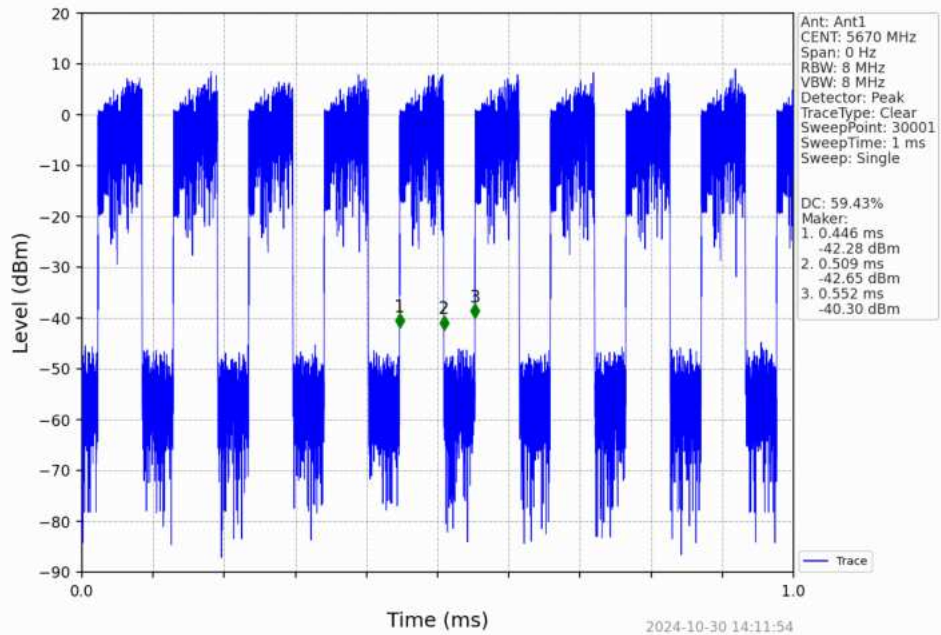
802.11n(HT40) LCH 5510MHz_Ant1_NTNV



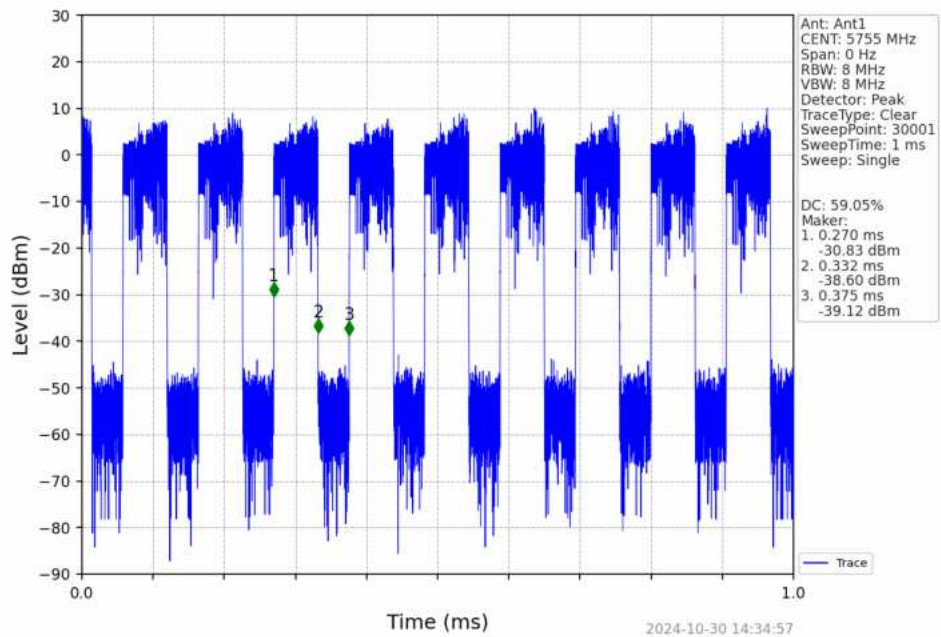
802.11n(HT40) MCH 5550MHz_Ant1_NTNV



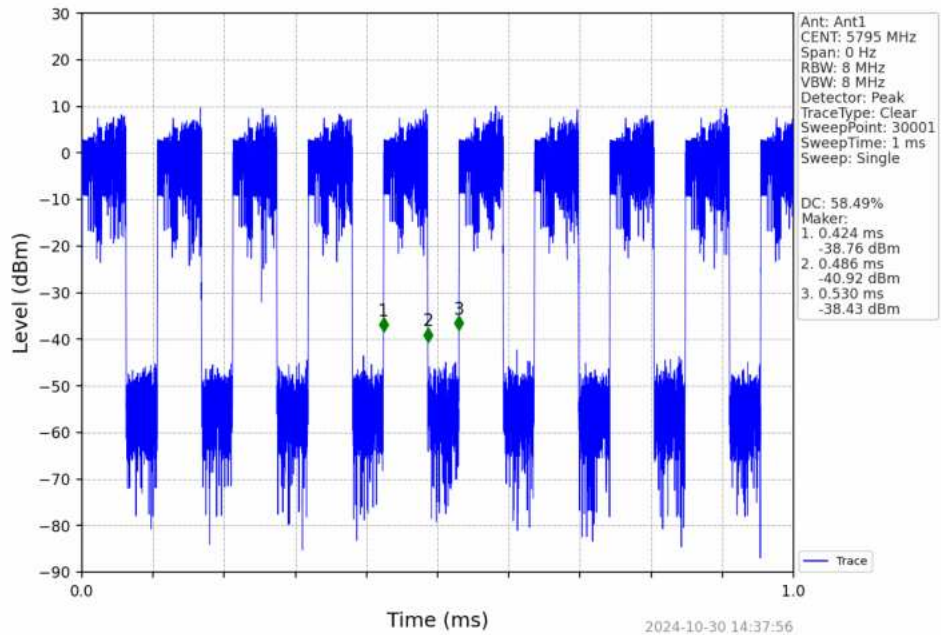
802.11n(HT40) HCH 5670MHz_Ant1_NTNV



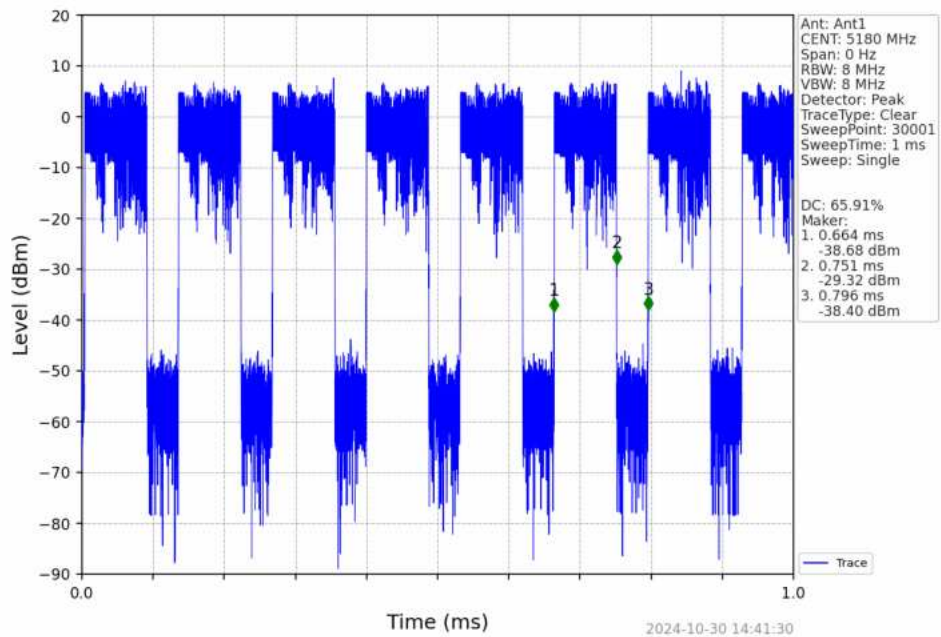
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



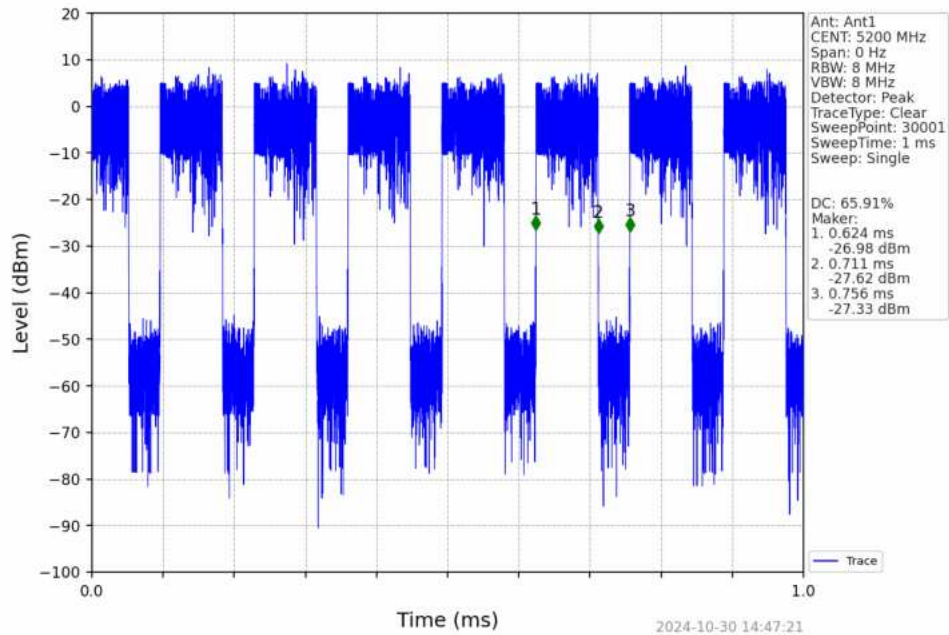
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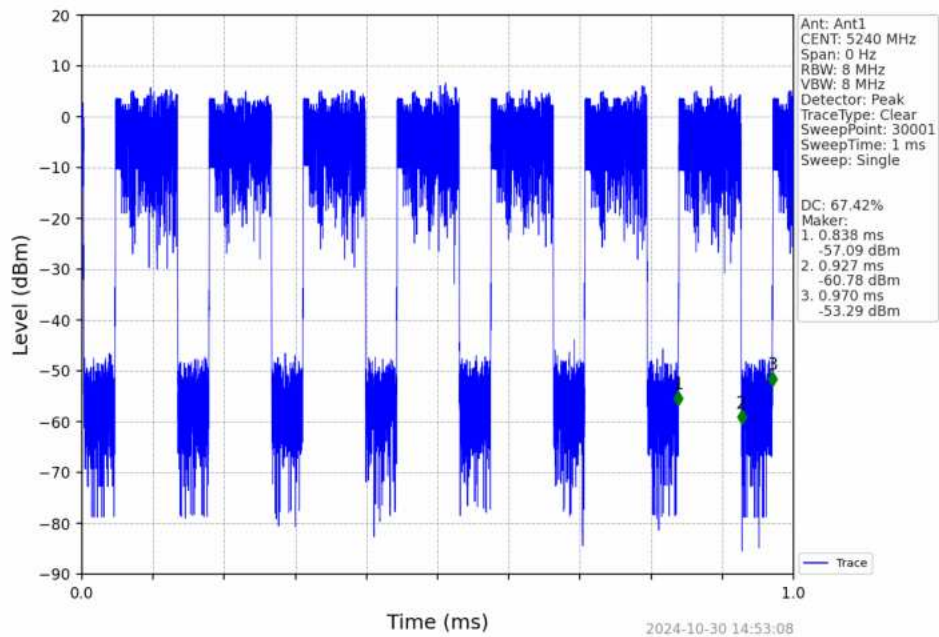
802.11ac(VHT20) LCH 5180MHz_Ant1_NTNV



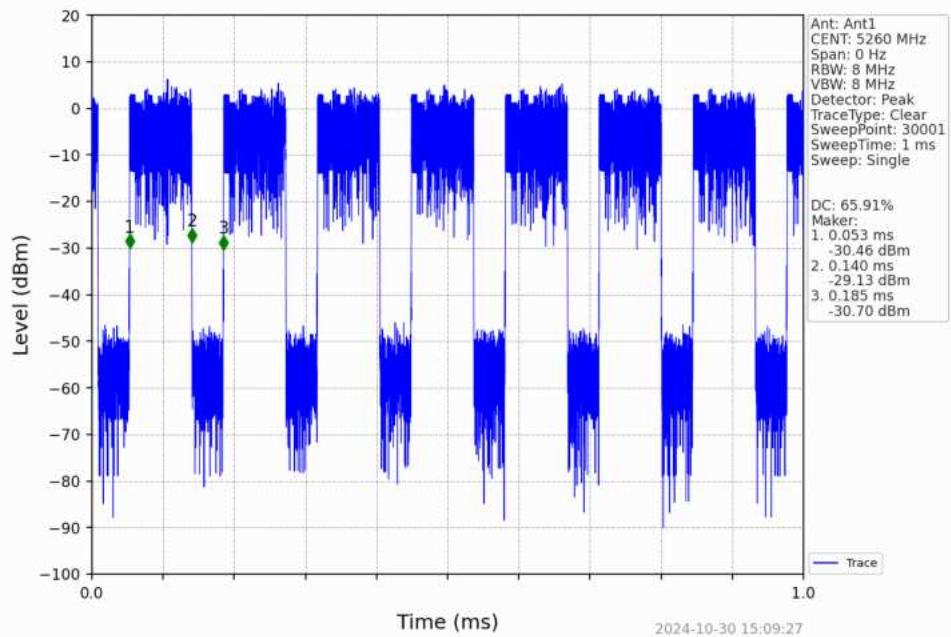
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



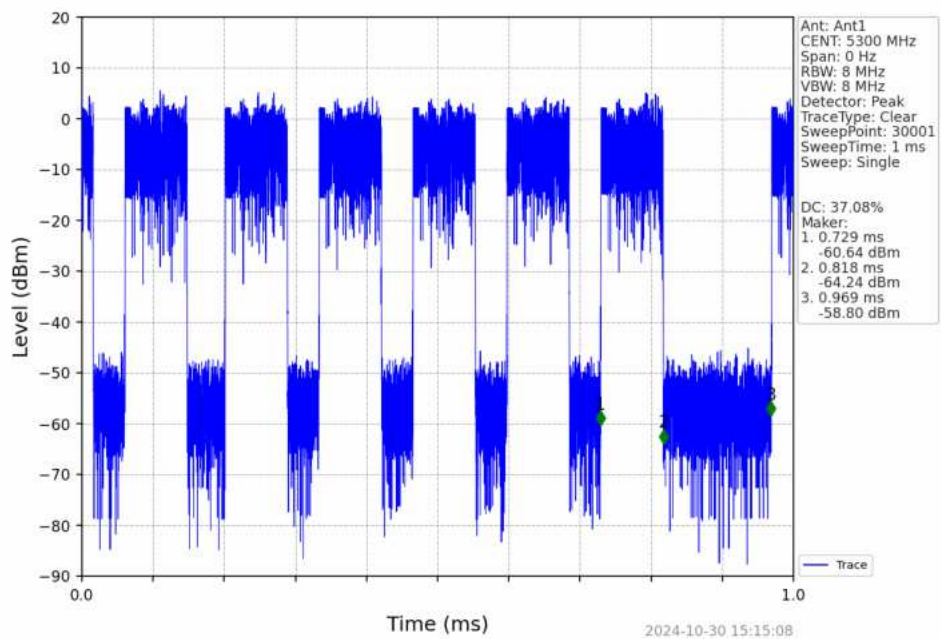
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



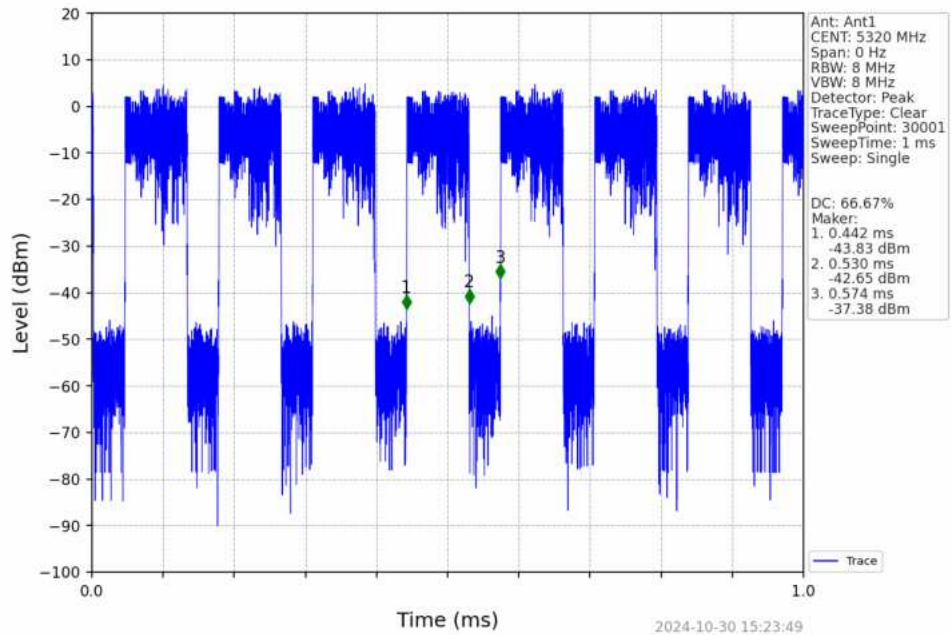
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



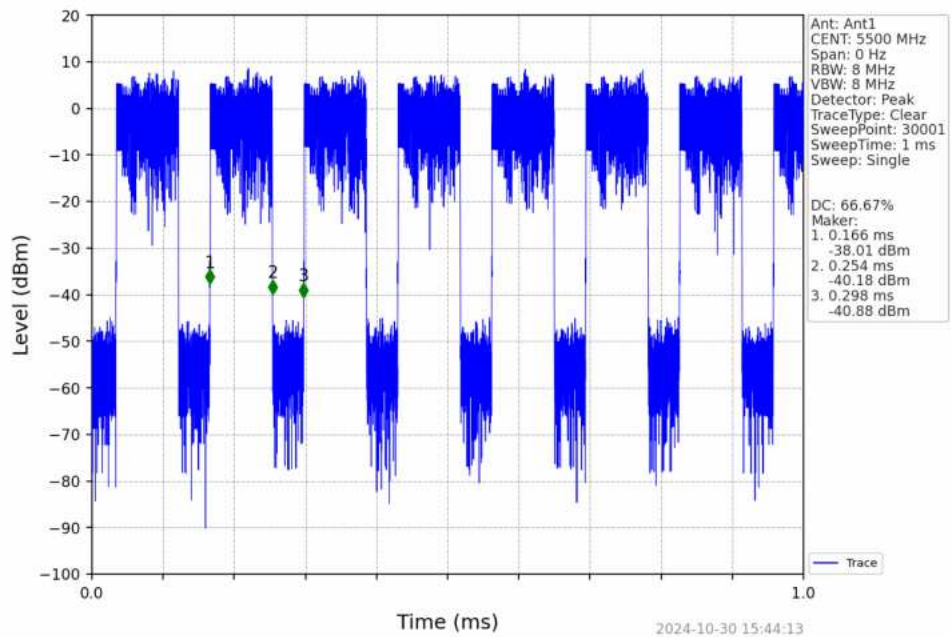
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



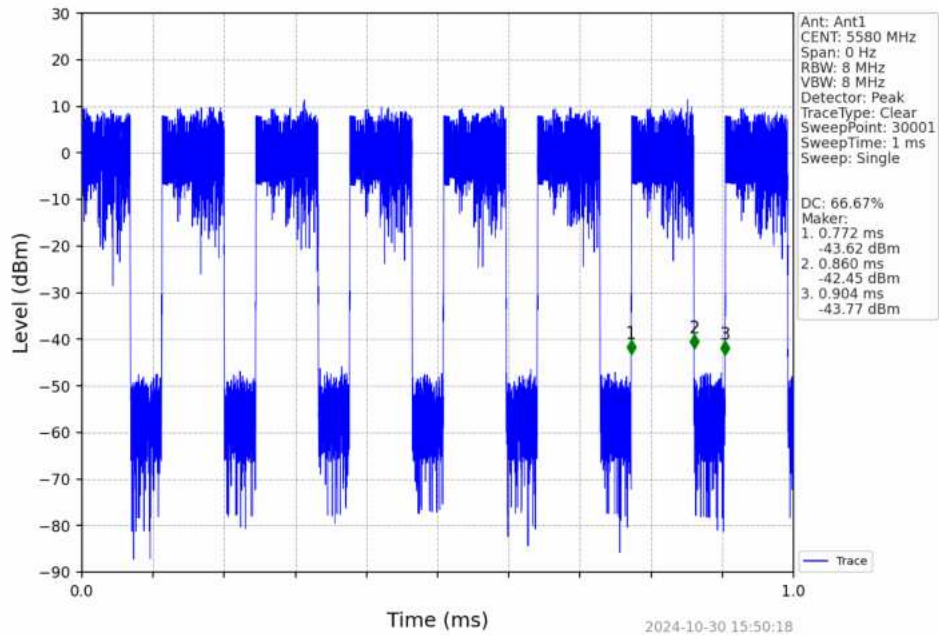
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



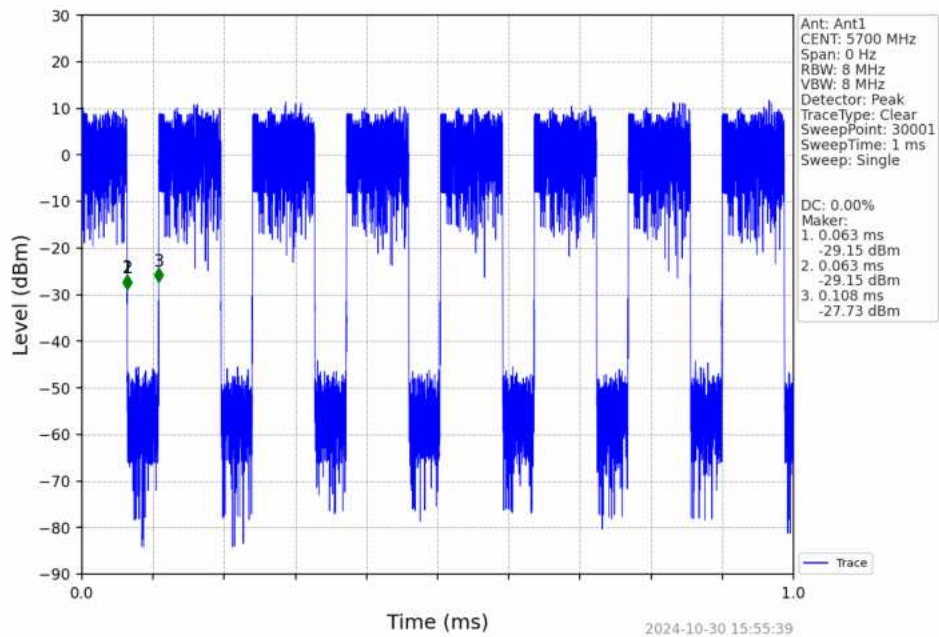
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



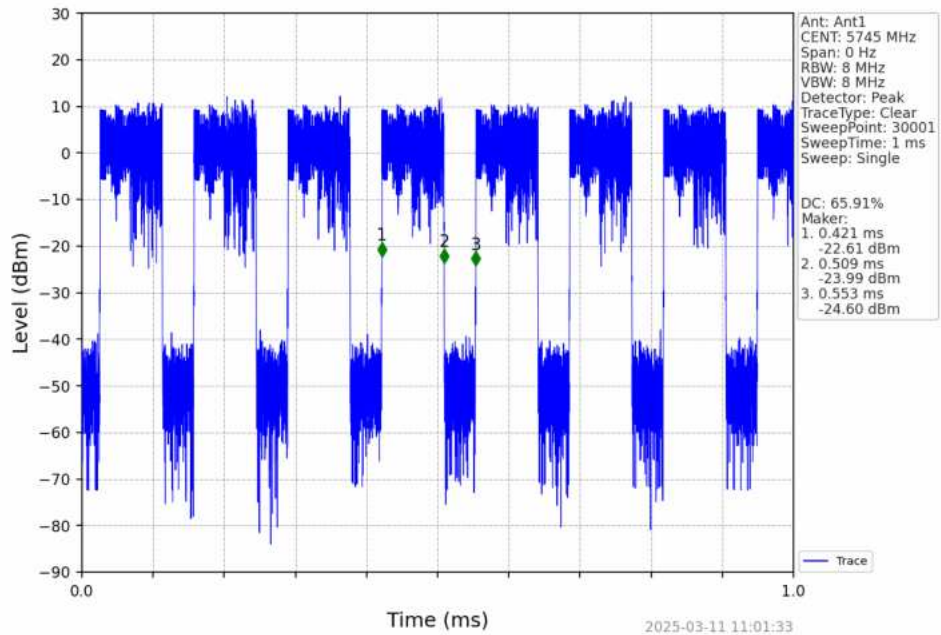
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



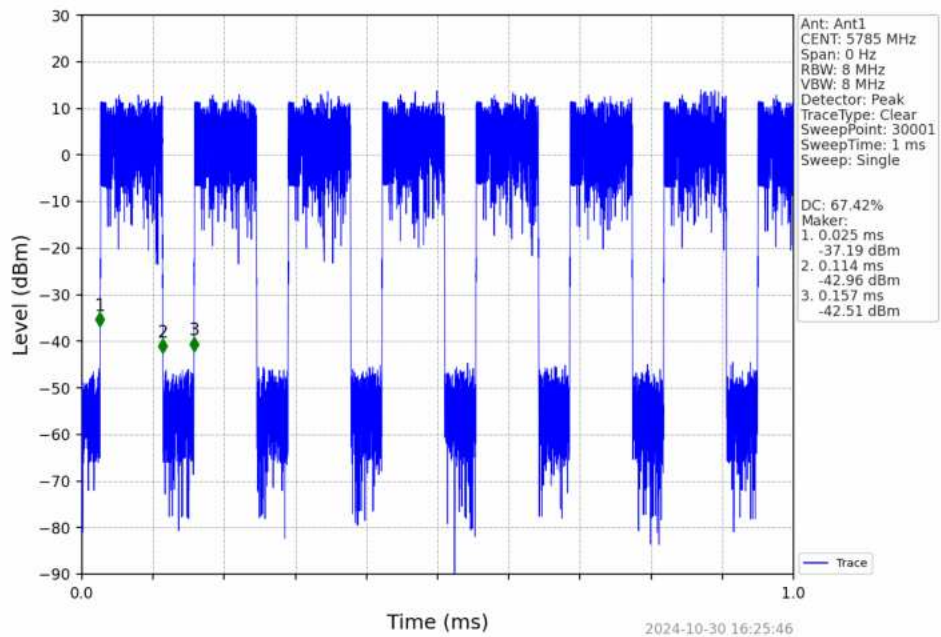
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



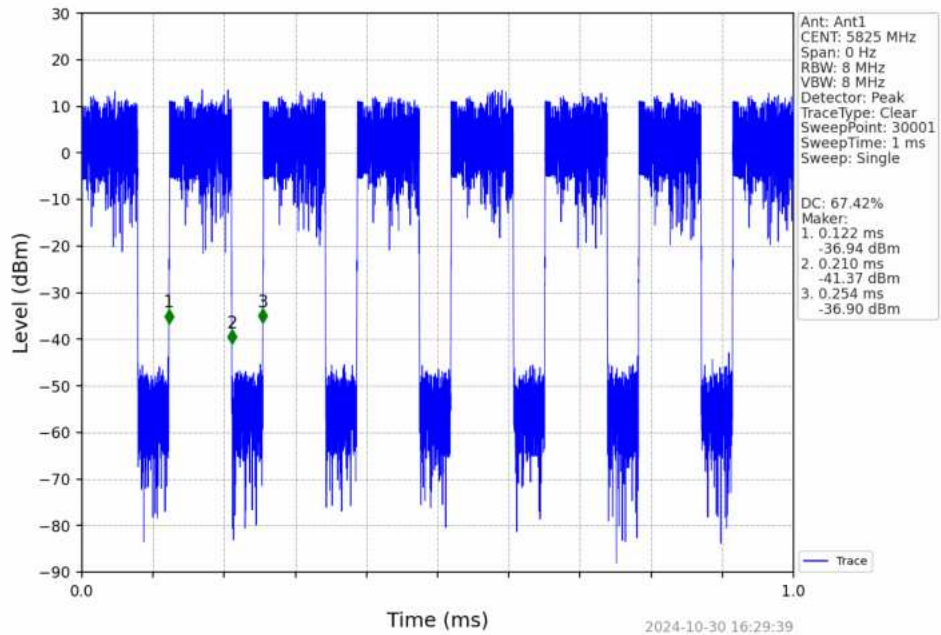
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



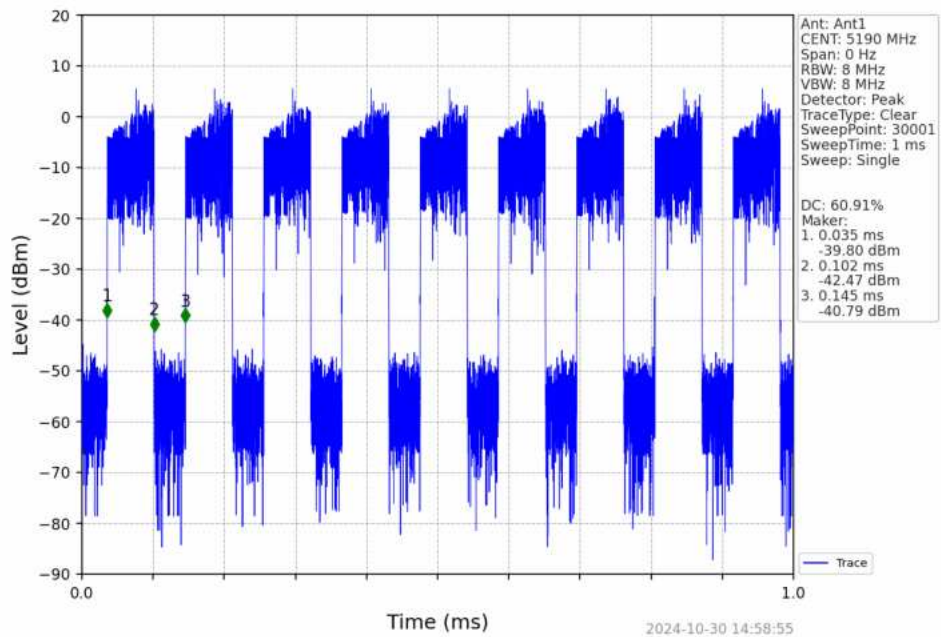
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



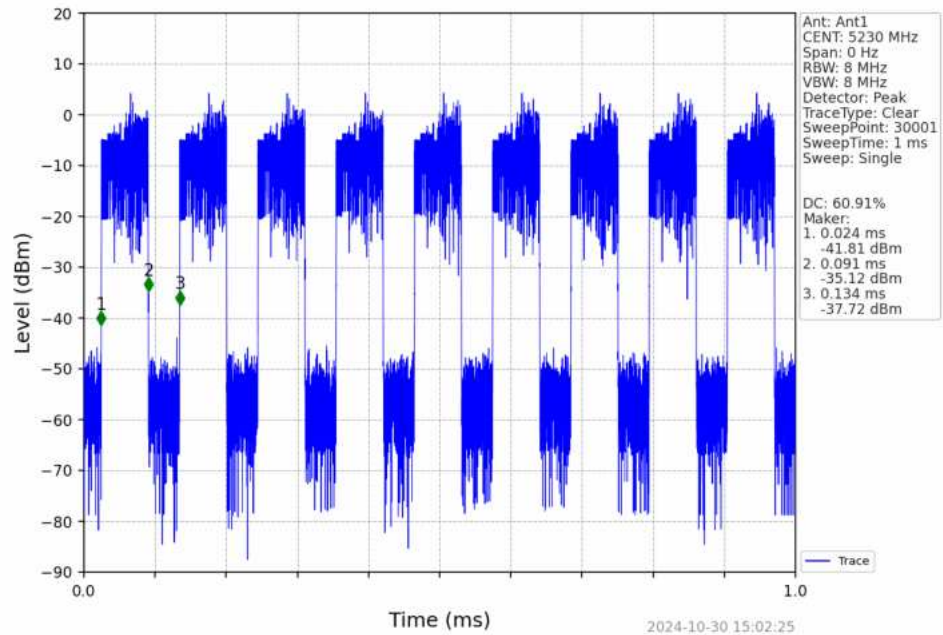
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



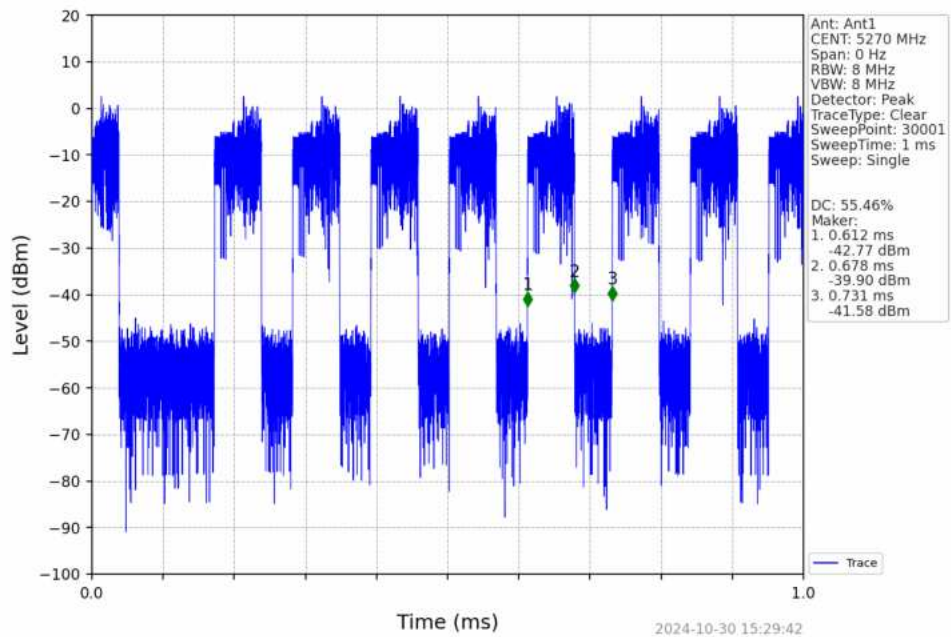
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



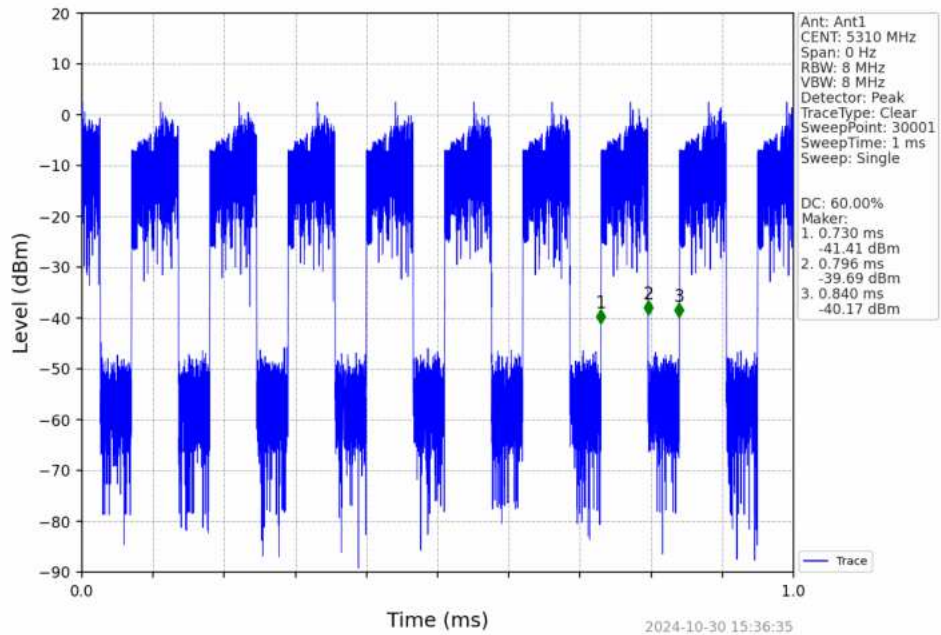
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



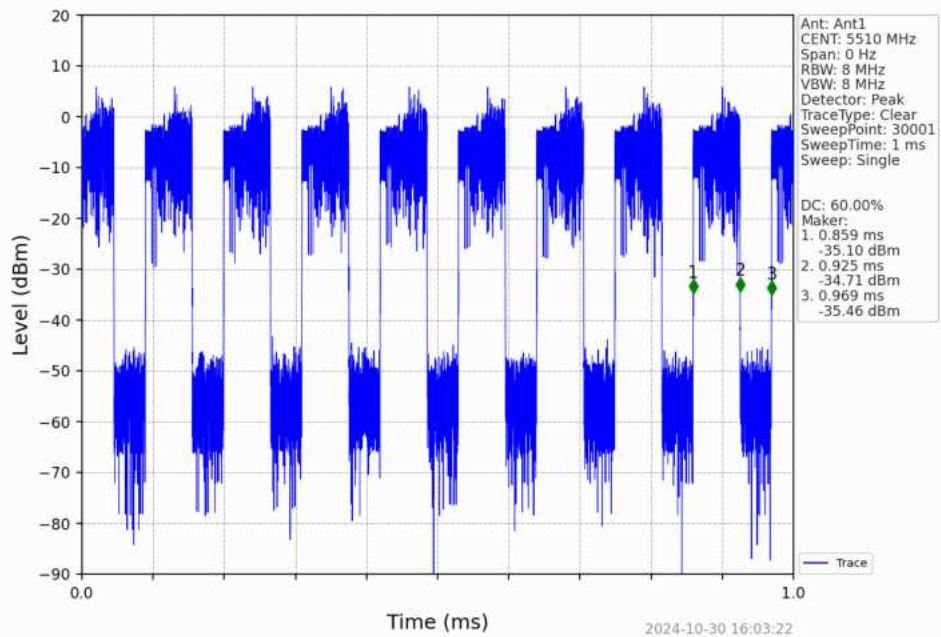
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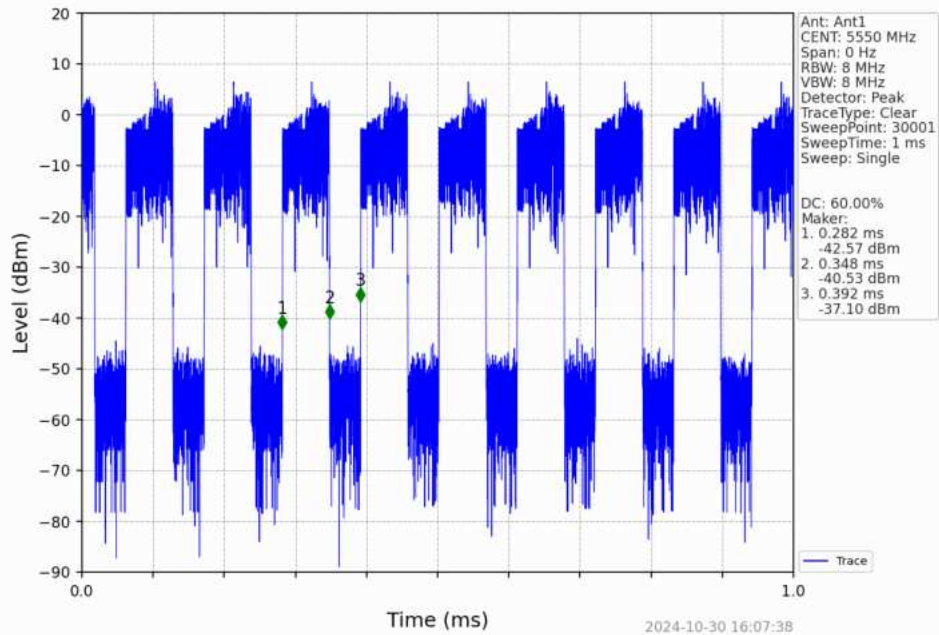
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



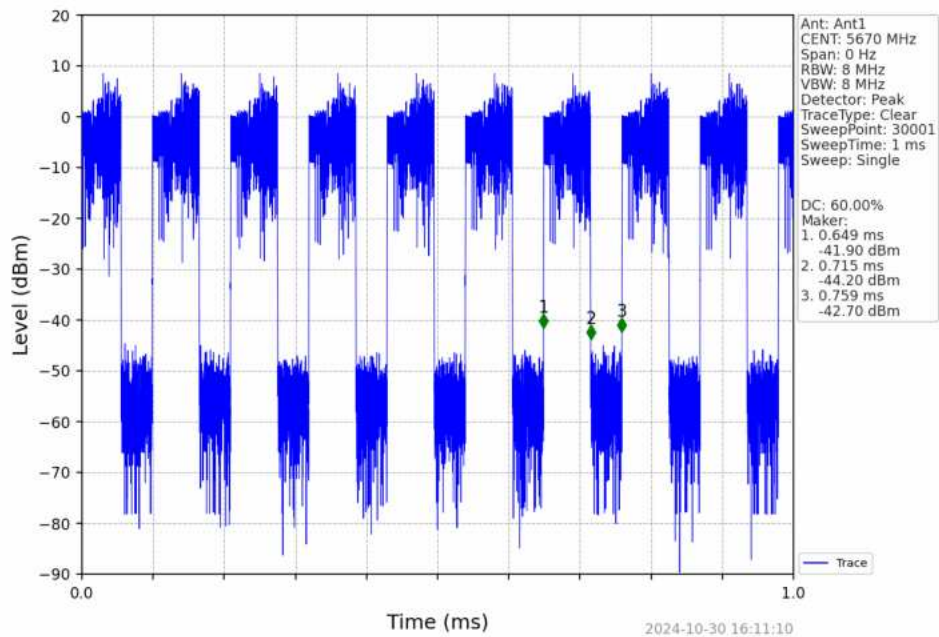
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



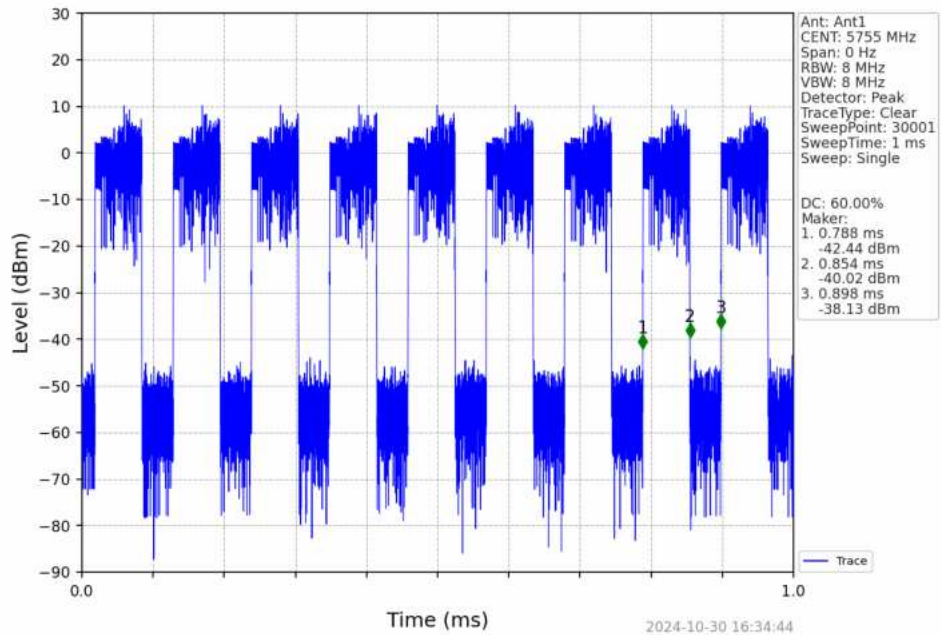
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



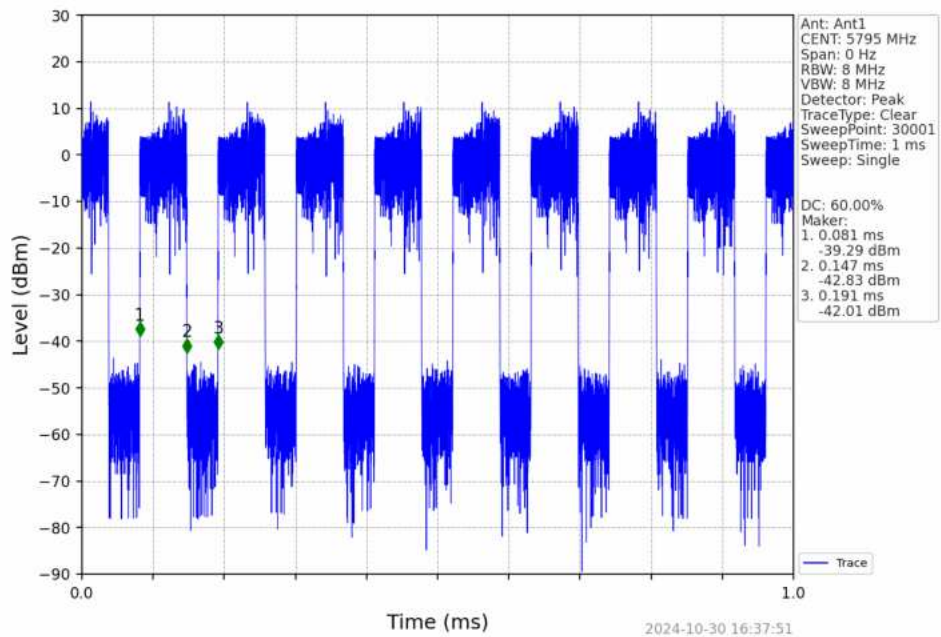
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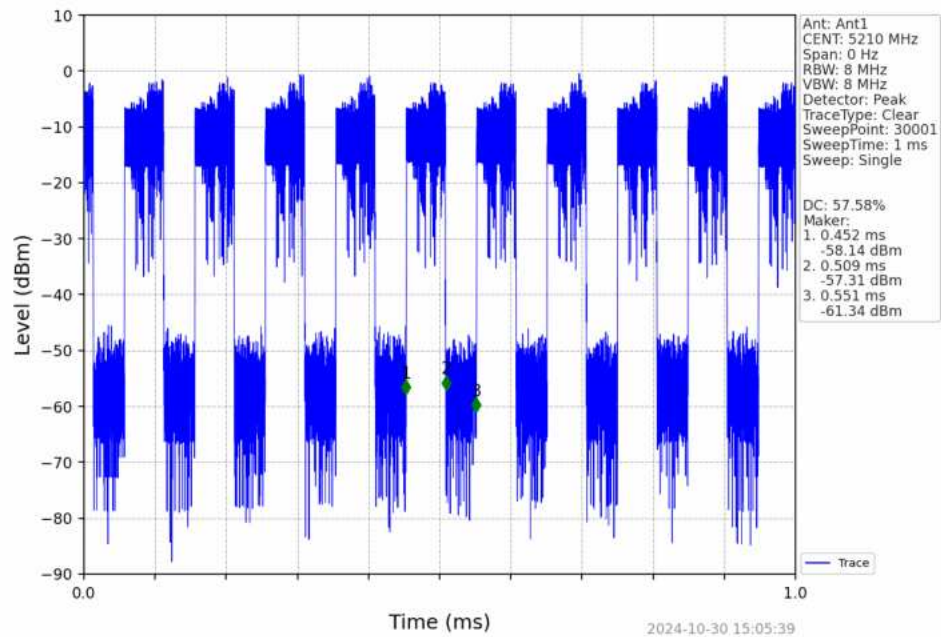
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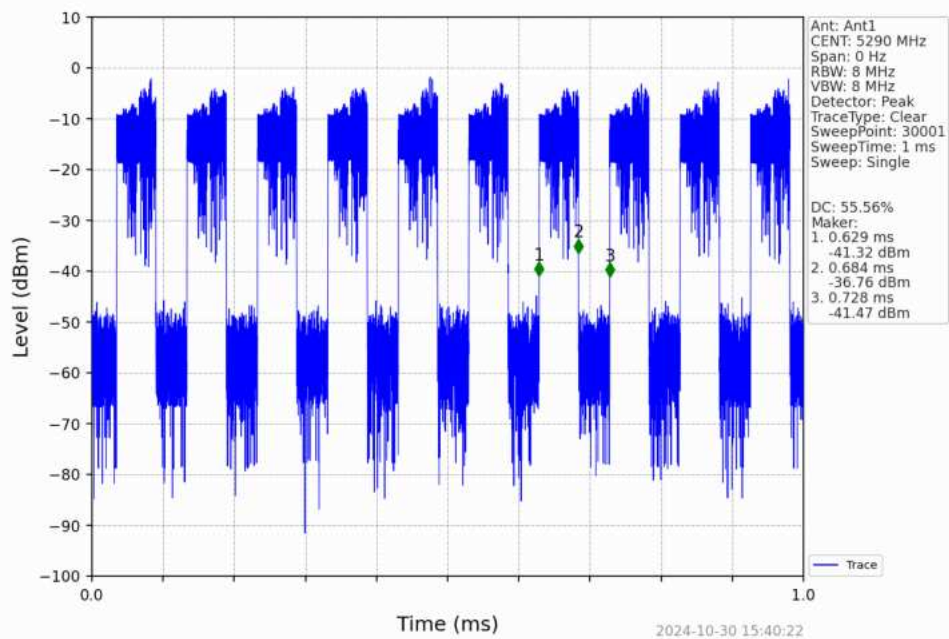
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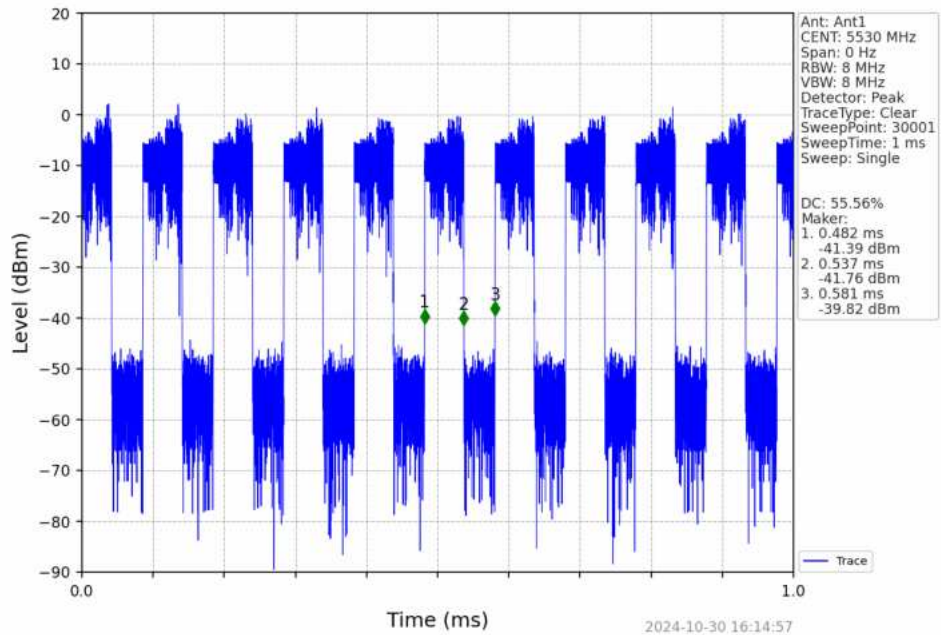
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



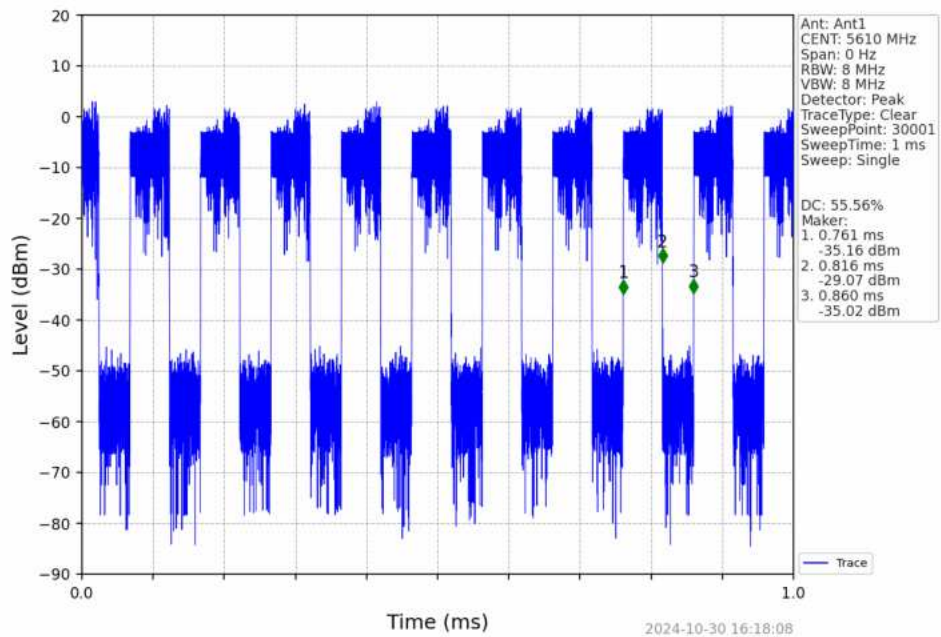
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



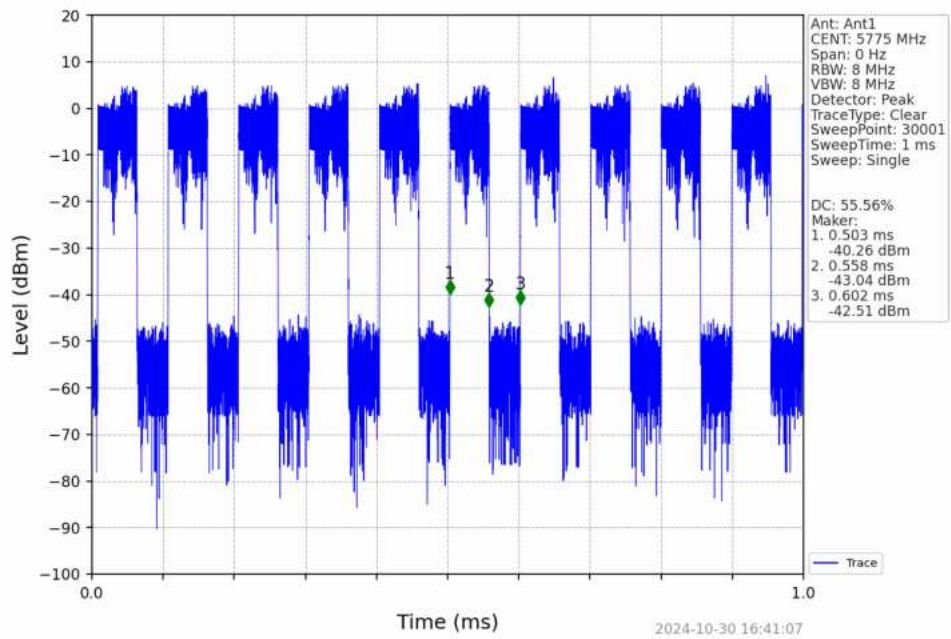
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80) HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.920	/	Pass
		5200	1	17.858	/	Pass
		5240	1	18.028	/	Pass
		5260	1	17.972	/	Pass
		5300	1	17.999	/	Pass
		5320	1	17.938	/	Pass
		5500	1	18.160	/	Pass
		5580	1	18.281	/	Pass
		5700	1	19.025	/	Pass
		5745	1	22.658	/	Pass
		5785	1	18.867	/	Pass
		5825	1	18.806	/	Pass
802.11n (HT20)	MIMO	5180	1	18.407	/	Pass
		5200	1	18.393	/	Pass
		5240	1	18.411	/	Pass
		5260	1	18.373	/	Pass
		5300	1	18.374	/	Pass
		5320	1	18.390	/	Pass
		5500	1	18.433	/	Pass
		5580	1	18.601	/	Pass
		5700	1	18.919	/	Pass
		5745	1	19.687	/	Pass
		5785	1	18.730	/	Pass
		5825	1	18.644	/	Pass
802.11n (HT40)	MIMO	5190	1	36.935	/	Pass
		5230	1	36.926	/	Pass
		5270	1	36.908	/	Pass
		5310	1	36.919	/	Pass
		5510	1	36.919	/	Pass
		5550	1	37.006	/	Pass
		5670	1	37.319	/	Pass
		5755	1	37.513	/	Pass
802.11ac (VHT20)	MIMO	5180	1	18.632	/	Pass
		5200	1	18.500	/	Pass
		5240	1	18.781	/	Pass
		5260	1	18.538	/	Pass
		5300	1	18.500	/	Pass
		5320	1	18.684	/	Pass
		5500	1	18.647	/	Pass
		5580	1	18.645	/	Pass
		5700	1	18.549	/	Pass
		5745	1	22.163	/	Pass
		5785	1	22.330	/	Pass
		5825	1	19.815	/	Pass
802.11ac (VHT40)	MIMO	5190	1	36.934	/	Pass
		5230	1	37.072	/	Pass

		5270	1	37.104	/	Pass
		5310	1	37.059	/	Pass
		5510	1	37.125	/	Pass
		5550	1	37.107	/	Pass
		5670	1	37.120	/	Pass
		5755	1	37.655	/	Pass
		5795	1	37.545	/	Pass
802.11ac (VHT80)	MIMO	5210	1	76.868	/	Pass
		5290	1	76.914	/	Pass
		5530	1	76.848	/	Pass
		5610	1	76.827	/	Pass
		5775	1	82.706	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.416	>=0.5	Pass
		5785	1	16.418	>=0.5	Pass
		5825	1	16.407	>=0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.604	>=0.5	Pass
		5785	1	17.593	>=0.5	Pass
		5825	1	17.601	>=0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.789	>=0.5	Pass
		5795	1	35.855	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.477	>=0.5	Pass
		5785	1	17.603	>=0.5	Pass
		5825	1	17.613	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.601	>=0.5	Pass
		5795	1	35.694	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.412	>=0.5	Pass

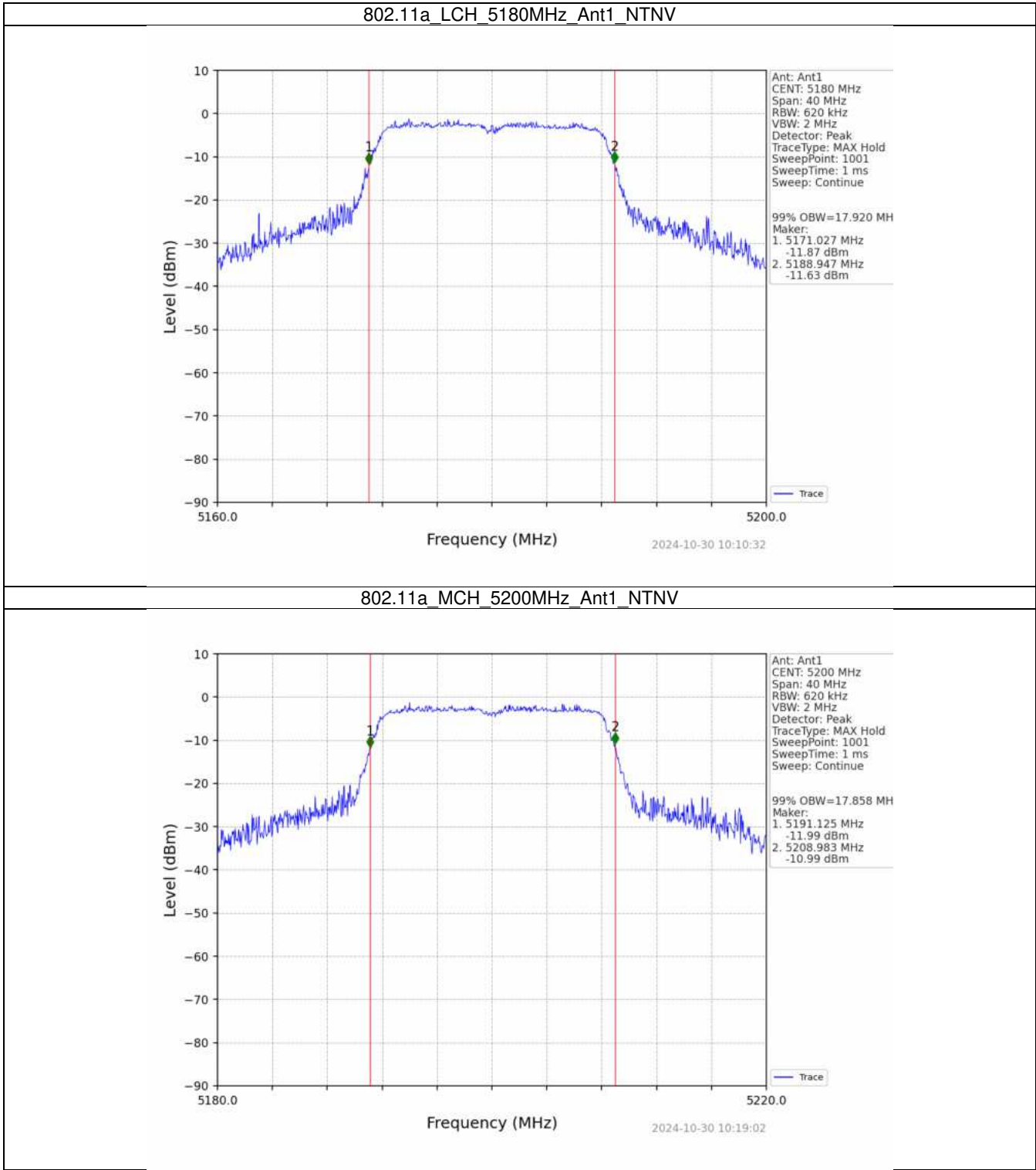
2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.116	/	Pass
		5200	1	27.744	/	Pass
		5240	1	29.069	/	Pass
		5260	1	26.408	/	Pass
		5300	1	23.361	/	Pass
		5320	1	25.190	/	Pass
		5500	1	29.450	/	Pass
		5580	1	30.610	/	Pass
		5700	1	33.085	/	Pass
802.11n (HT20)	MIMO	5180	1	24.287	/	Pass
		5200	1	25.749	/	Pass
		5240	1	28.283	/	Pass
		5260	1	23.902	/	Pass
		5300	1	26.468	/	Pass
		5320	1	24.746	/	Pass
		5500	1	32.327	/	Pass
		5580	1	33.103	/	Pass
		5700	1	38.501	/	Pass
802.11n	MIMO	5190	1	44.076	/	Pass

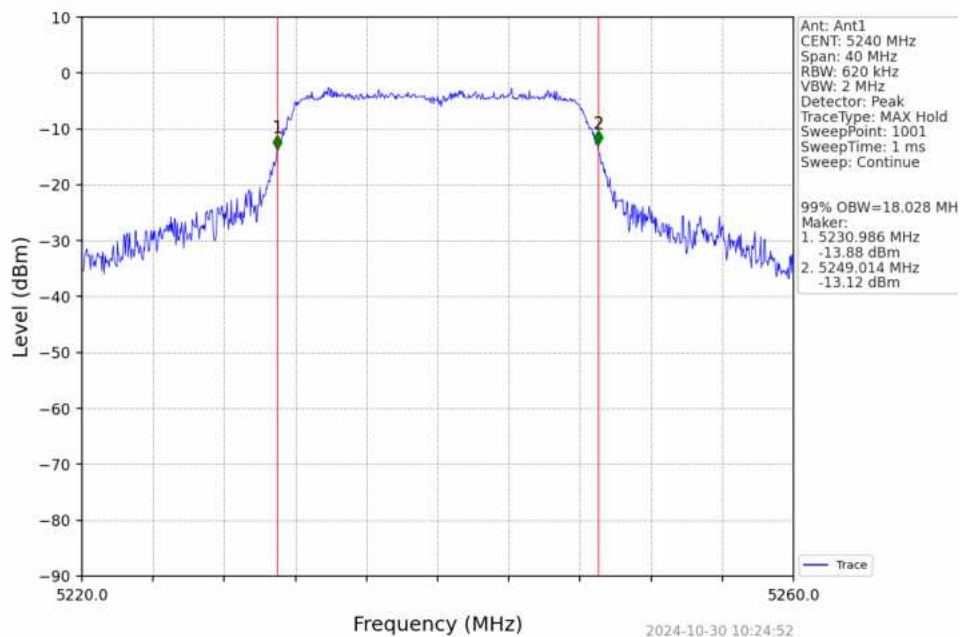
(HT40)		5230	1	51.634	/	Pass
		5270	1	51.515	/	Pass
		5310	1	47.925	/	Pass
		5510	1	49.863	/	Pass
		5550	1	49.709	/	Pass
		5670	1	77.088	/	Pass
802.11ac (VHT20)	MIMO	5180	1	29.342	/	Pass
		5200	1	29.422	/	Pass
		5240	1	32.030	/	Pass
		5260	1	30.147	/	Pass
		5300	1	29.489	/	Pass
		5320	1	28.433	/	Pass
		5500	1	28.928	/	Pass
		5580	1	28.941	/	Pass
802.11ac (VHT40)	MIMO	5700	1	28.759	/	Pass
		5190	1	40.905	/	Pass
		5230	1	40.858	/	Pass
		5270	1	43.948	/	Pass
		5310	1	47.700	/	Pass
		5510	1	50.554	/	Pass
		5550	1	51.305	/	Pass
802.11ac (VHT80)	MIMO	5670	1	65.188	/	Pass
		5210	1	87.866	/	Pass
		5290	1	85.367	/	Pass
		5530	1	84.819	/	Pass
		5610	1	84.997	/	Pass

2.2 Test Graph

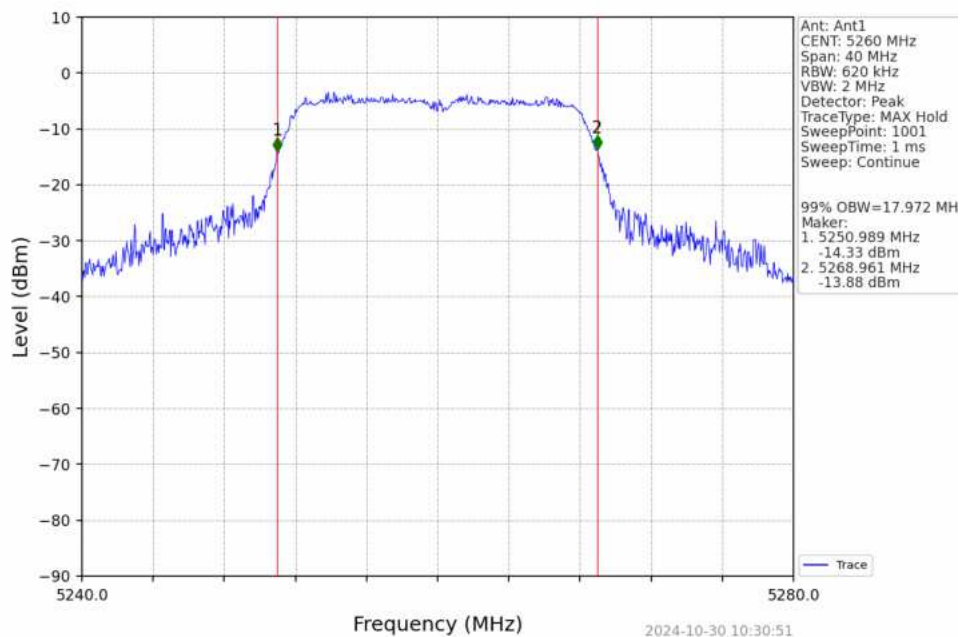
2.2.1 OBW



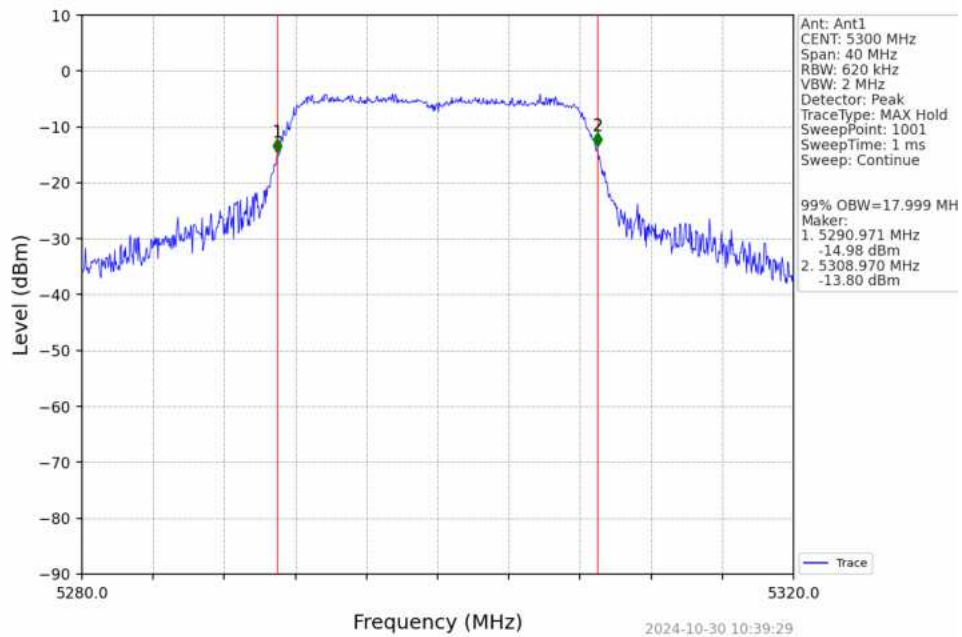
802.11a_HCH_5240MHz_Ant1_NTNV



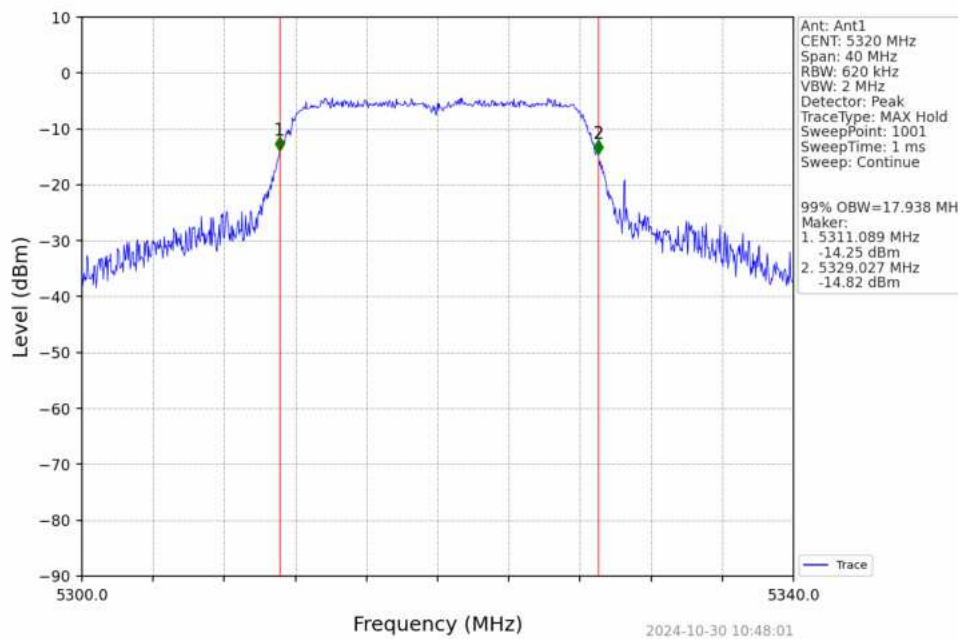
802.11a_LCH_5260MHz_Ant1_NTNV



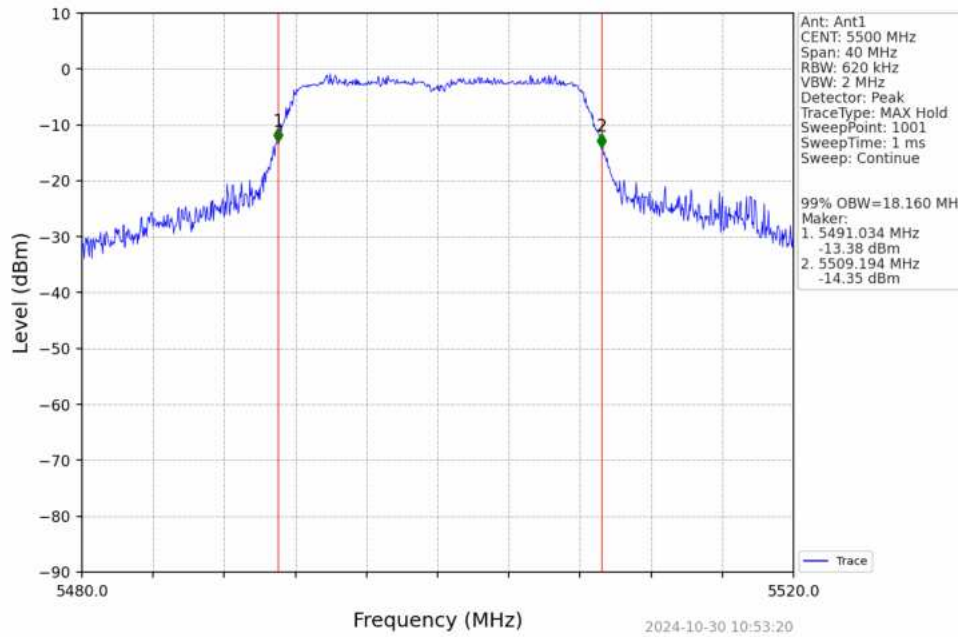
802.11a_MCH_5300MHz_Ant1_NTNV



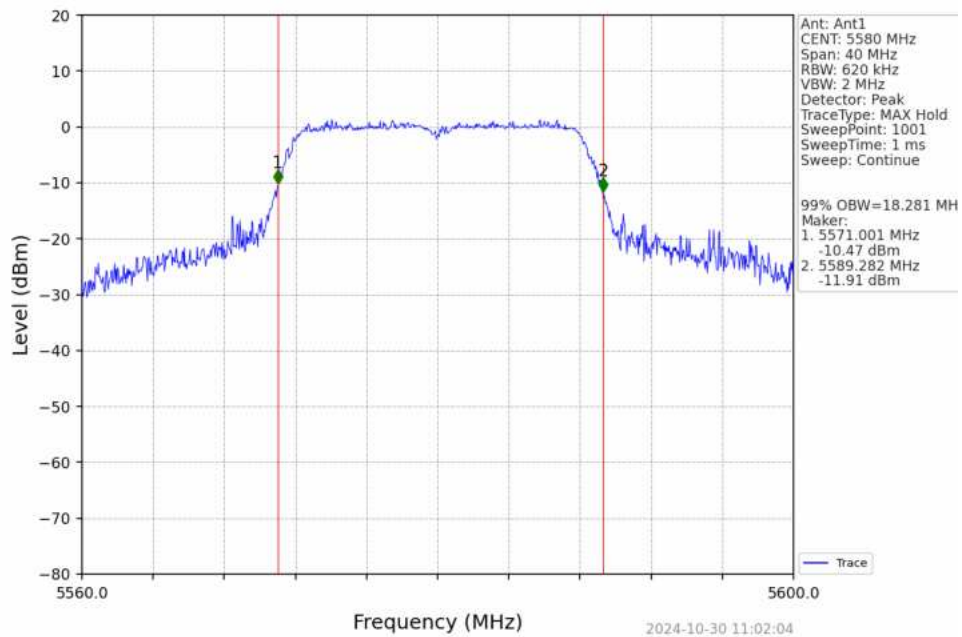
802.11a_HCH_5320MHz_Ant1_NTNV



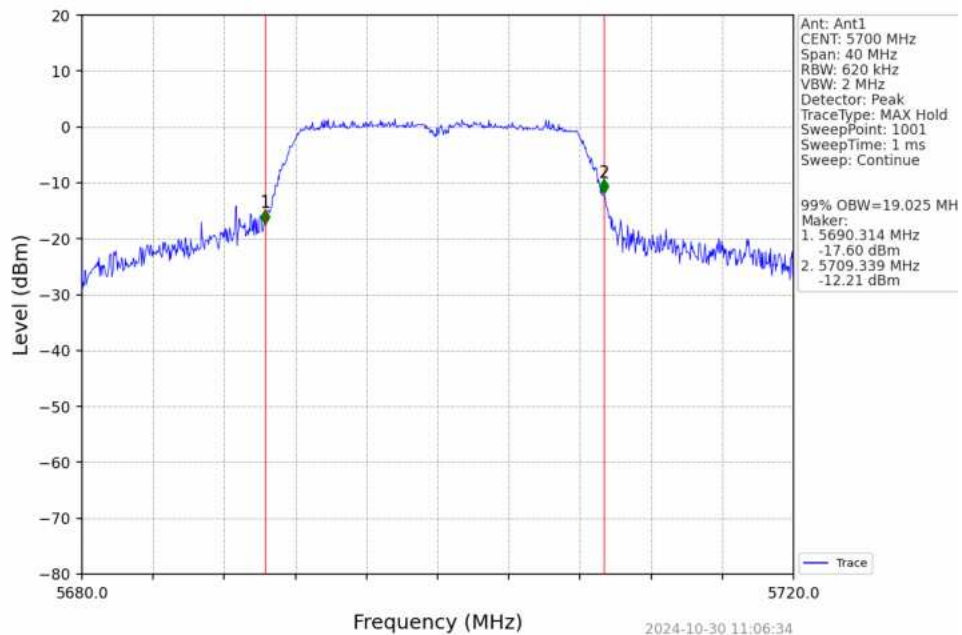
802.11a_LCH_5500MHz_Ant1_NTNV



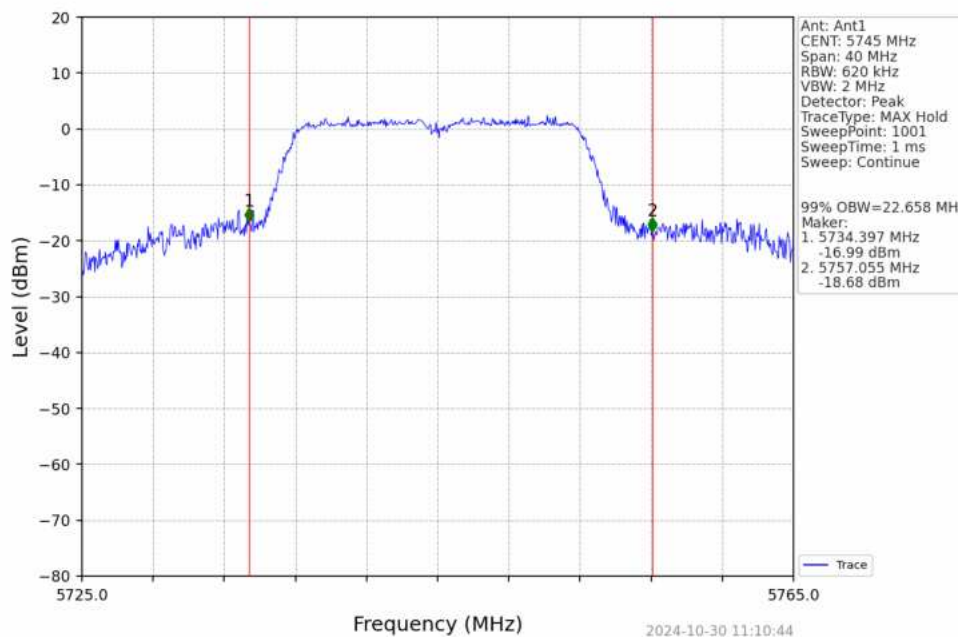
802.11a_MCH_5580MHz_Ant1_NTNV



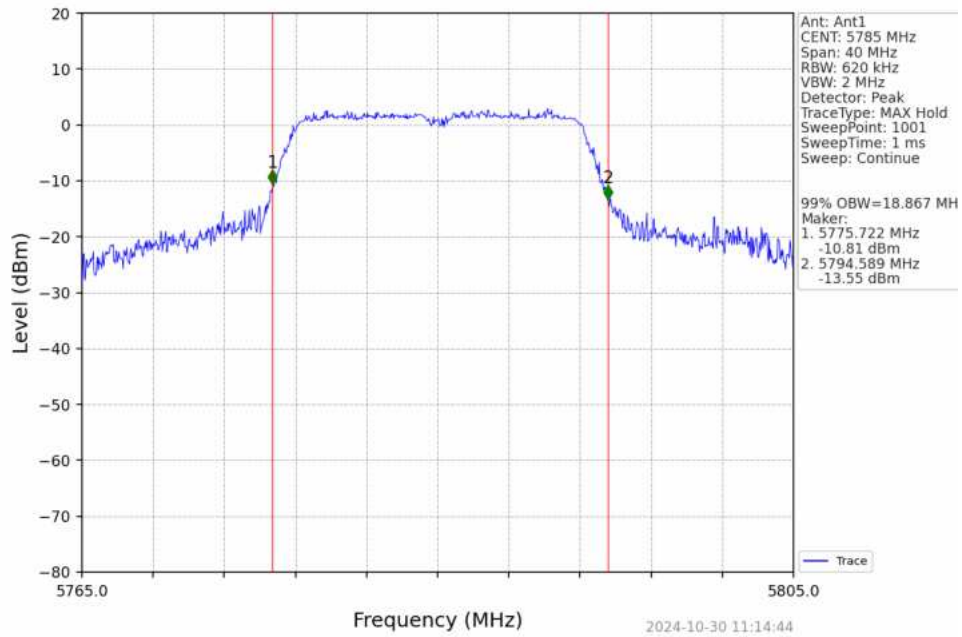
802.11a_HCH_5700MHz_Ant1_NTNV



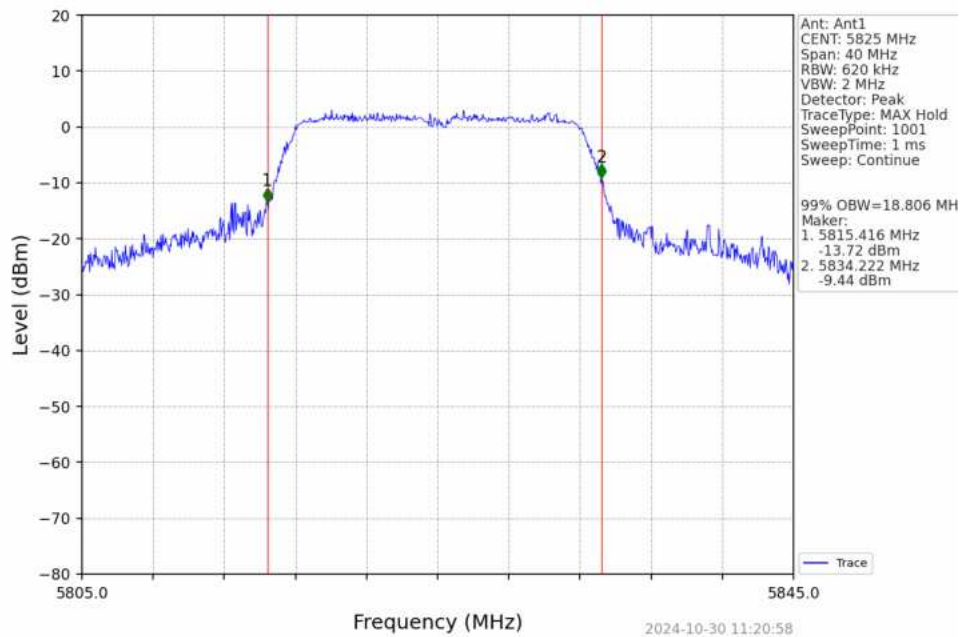
802.11a_LCH_5745MHz_Ant1_NTNV



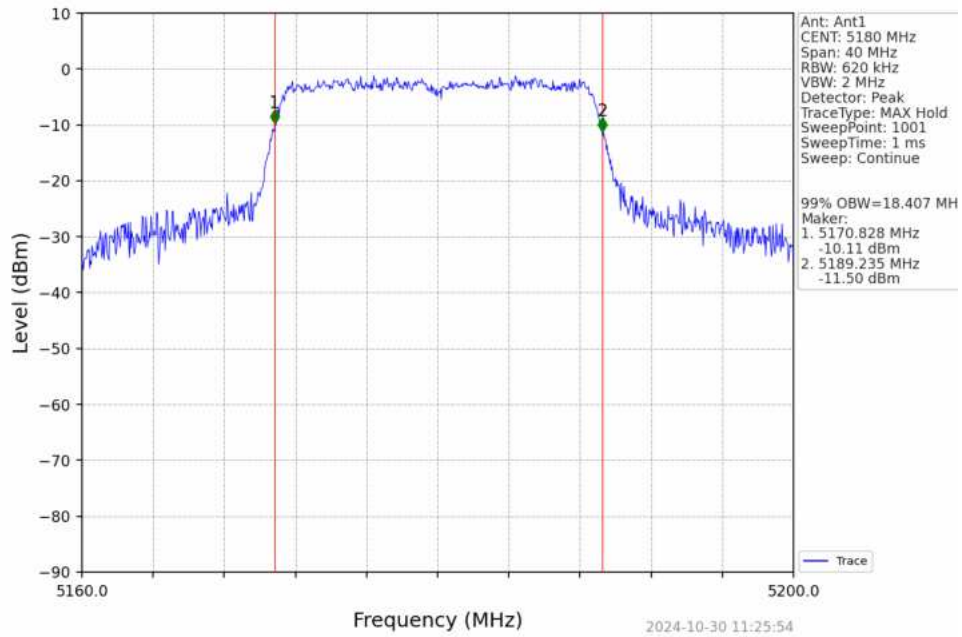
802.11a_MCH_5785MHz_Ant1_NTNV



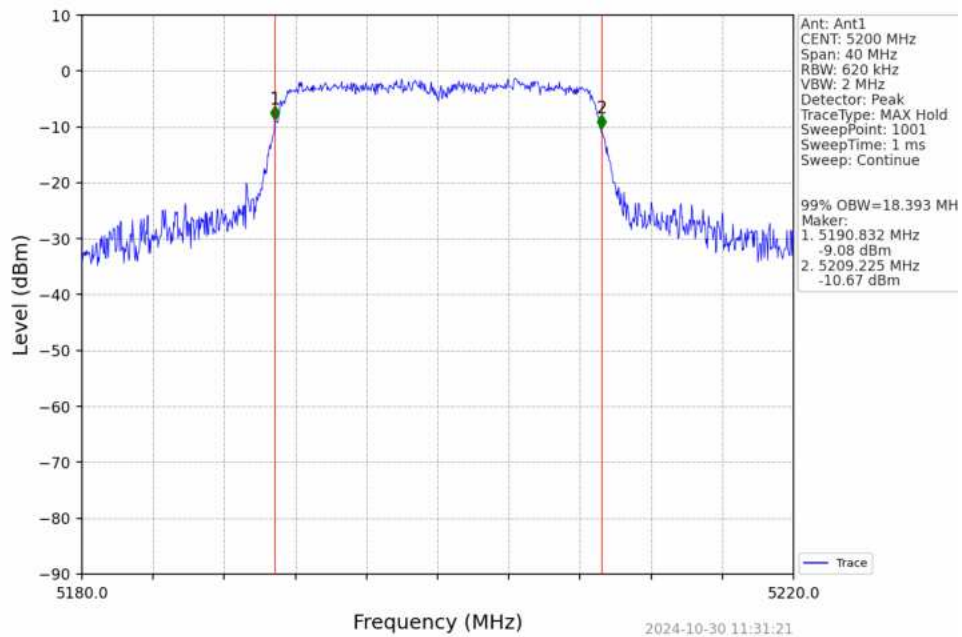
802.11a_HCH_5825MHz_Ant1_NTNV



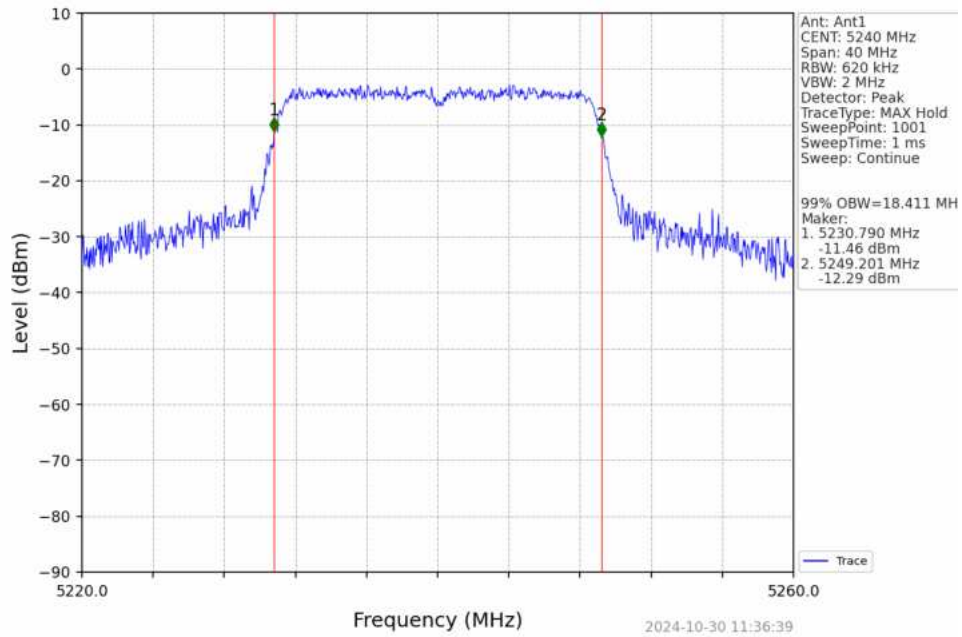
802.11n(HT20) LCH 5180MHz Ant1 NTN



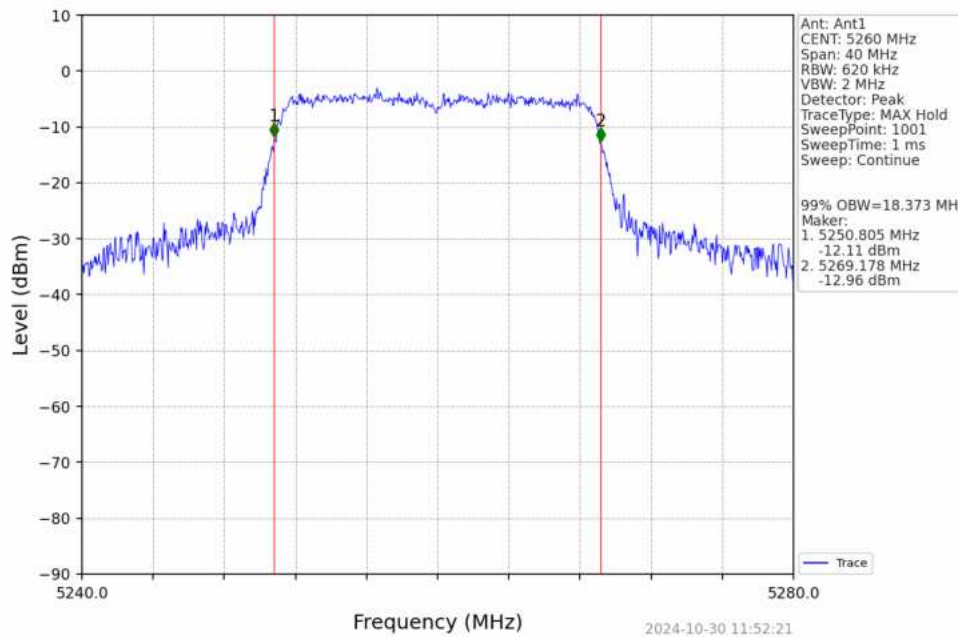
802.11n(HT20) MCH 5200MHz Ant1 NTN



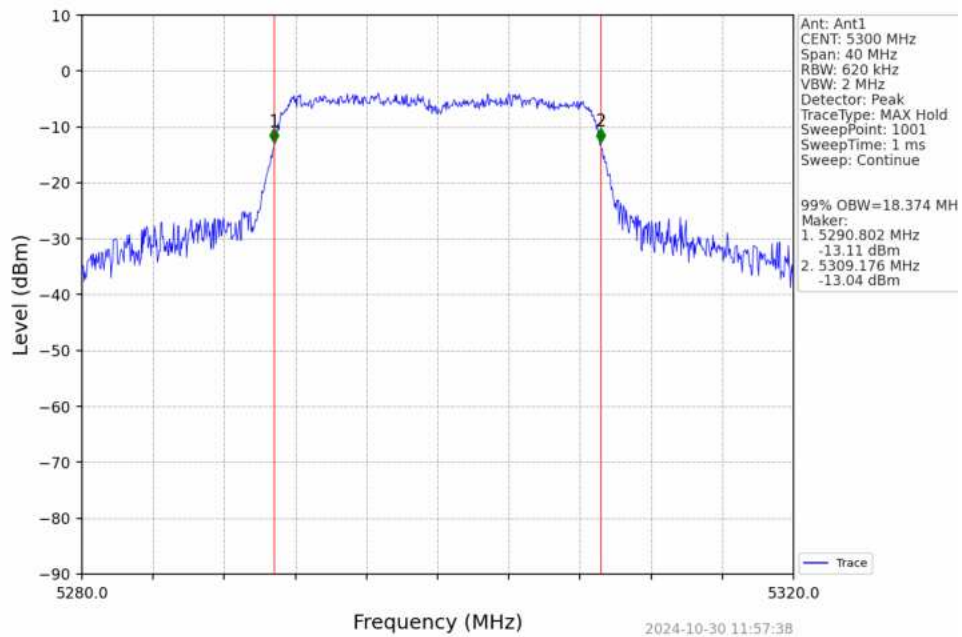
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



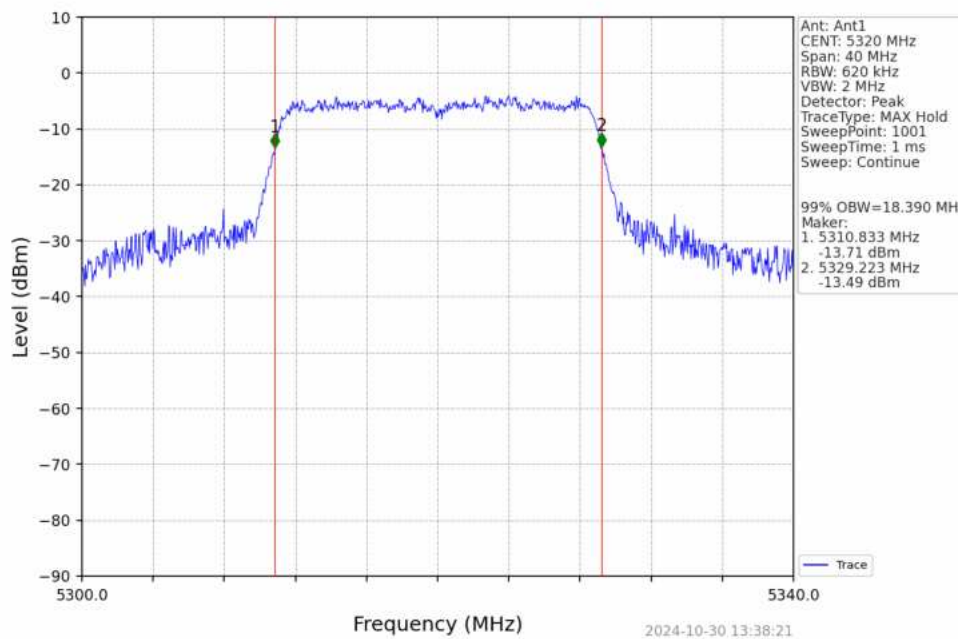
802.11n(HT20) LCH 5260MHz_Ant1_NTNV



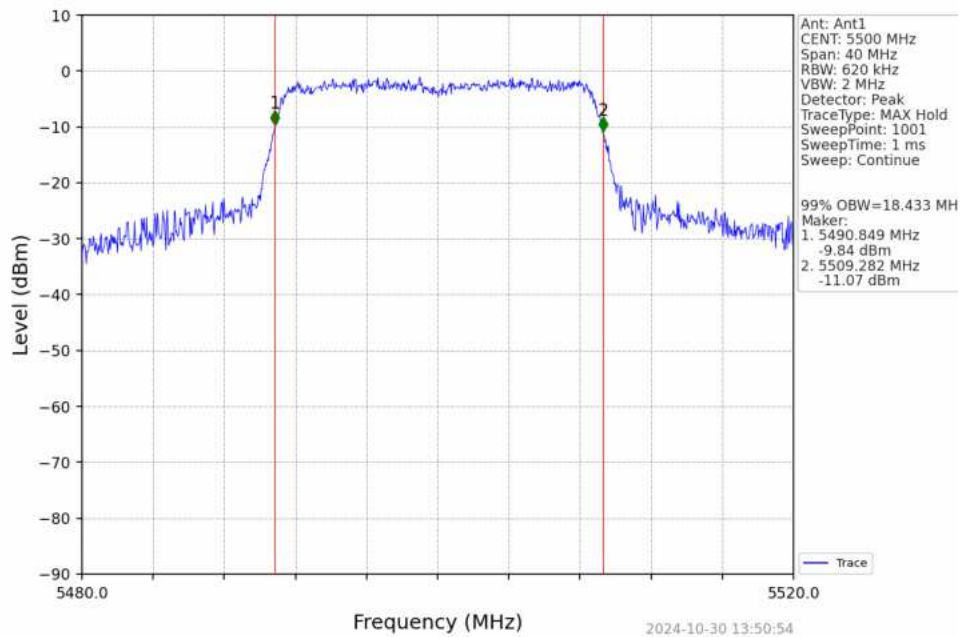
802.11n(HT20) MCH 5300MHz Ant1_NTNV



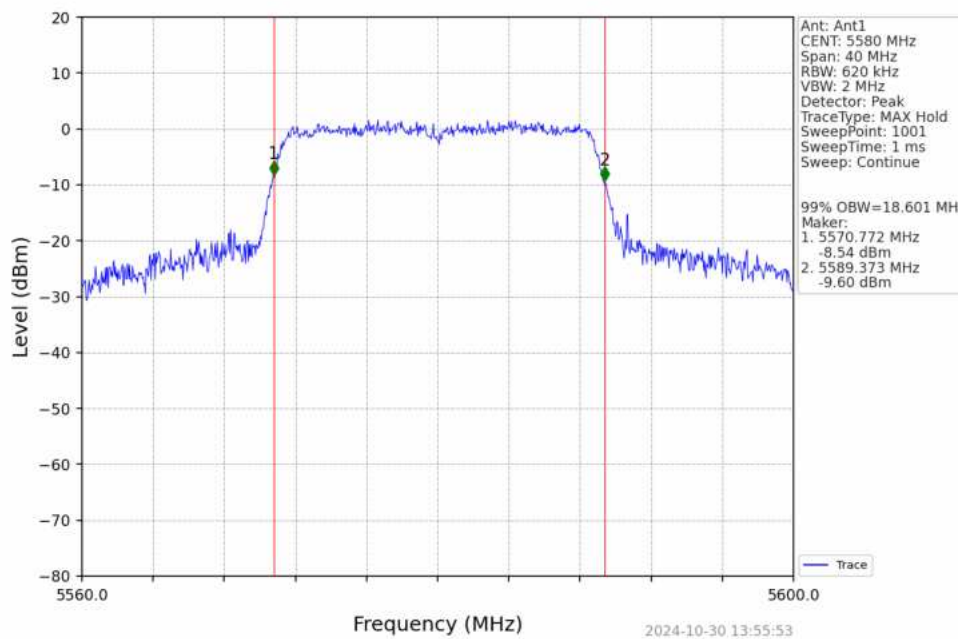
802.11n(HT20) HCH 5320MHz Ant1_NTNV



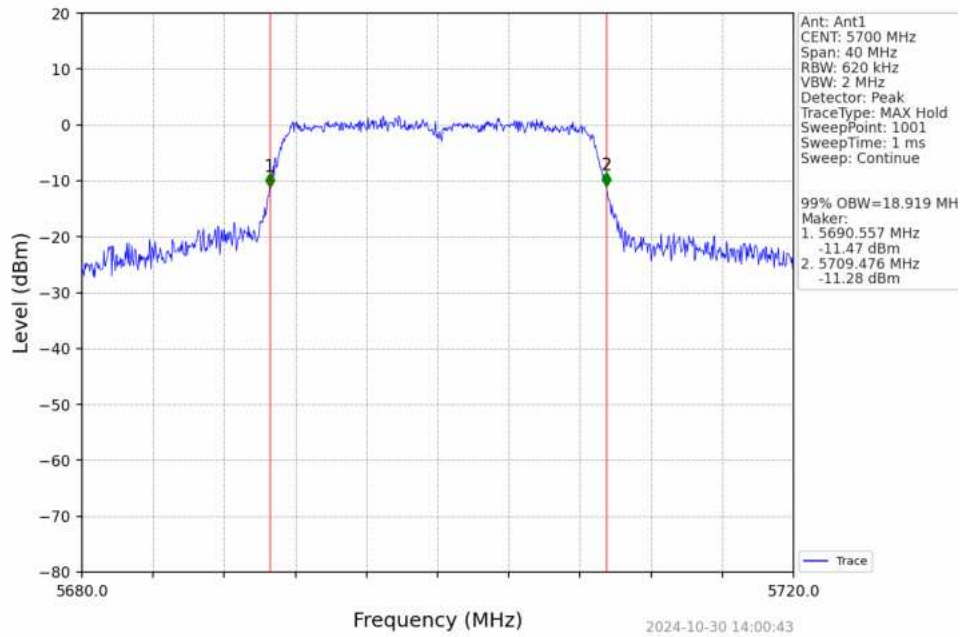
802.11n(HT20) LCH 5500MHz Ant1 NTN



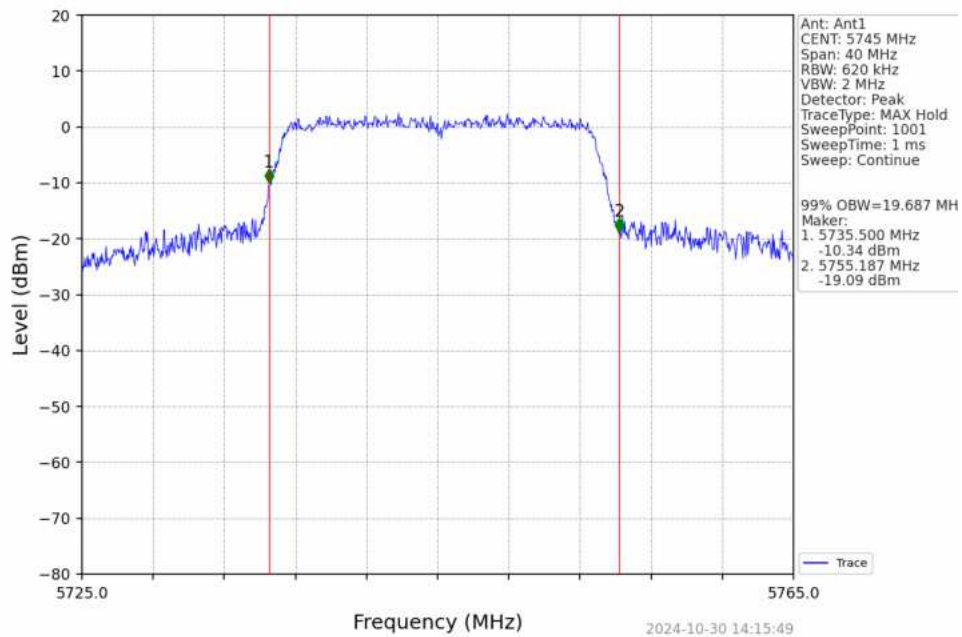
802.11n(HT20) MCH 5580MHz Ant1 NTN



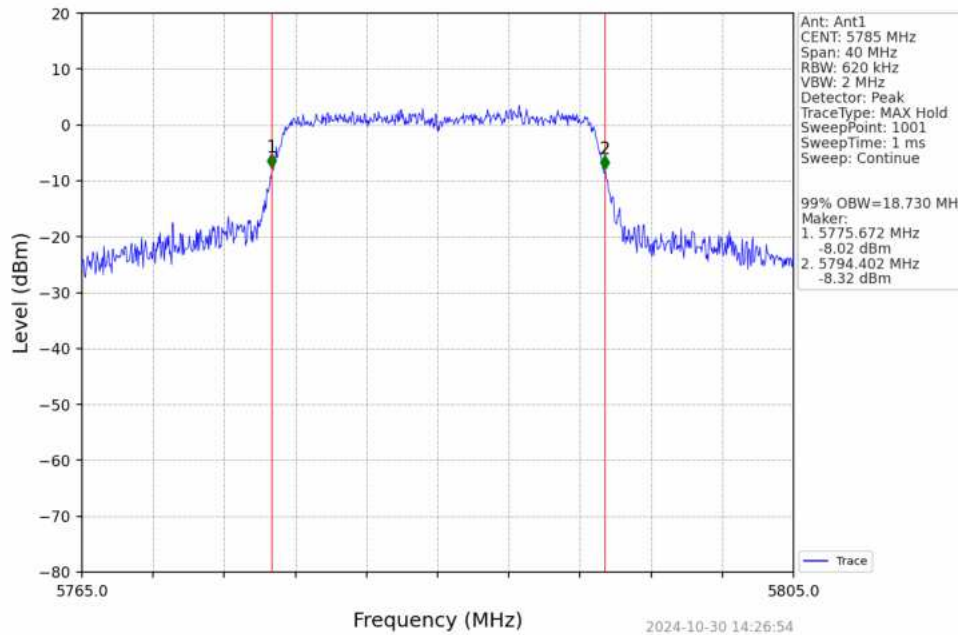
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



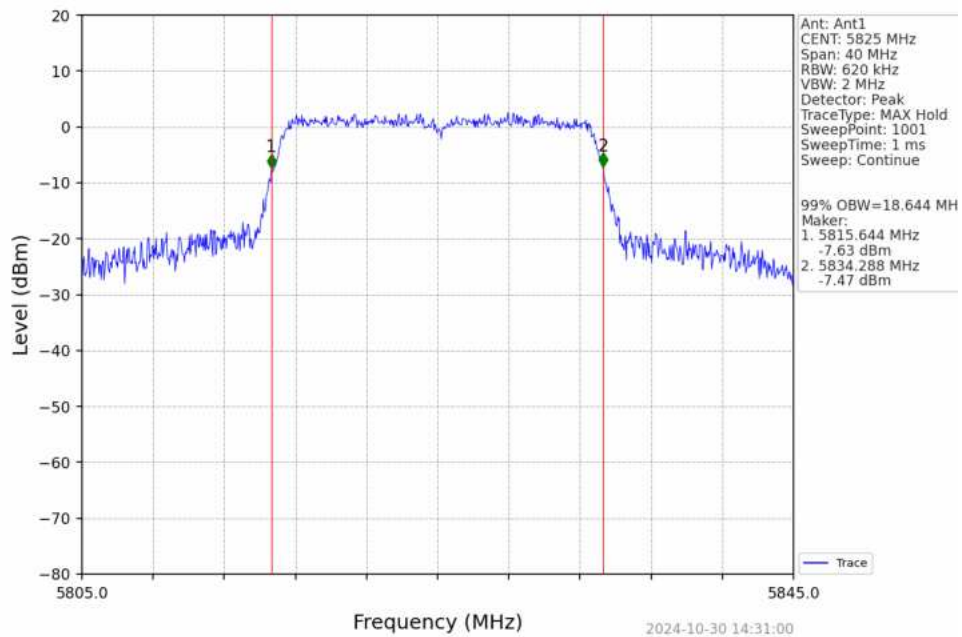
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



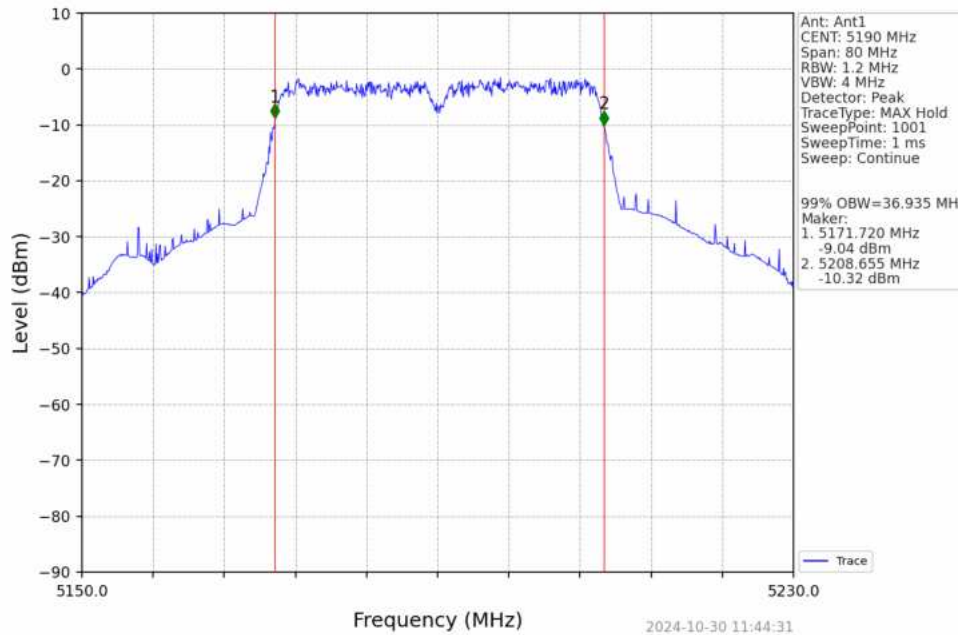
802.11n(HT20) MCH 5785MHz Ant1_NTNV



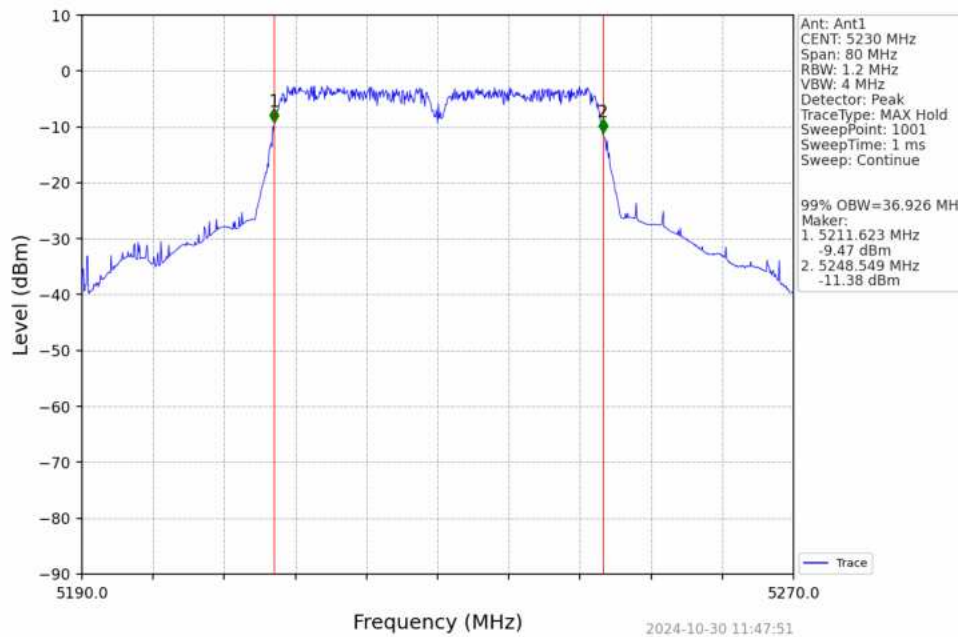
802.11n(HT20) HCH 5825MHz Ant1_NTNV



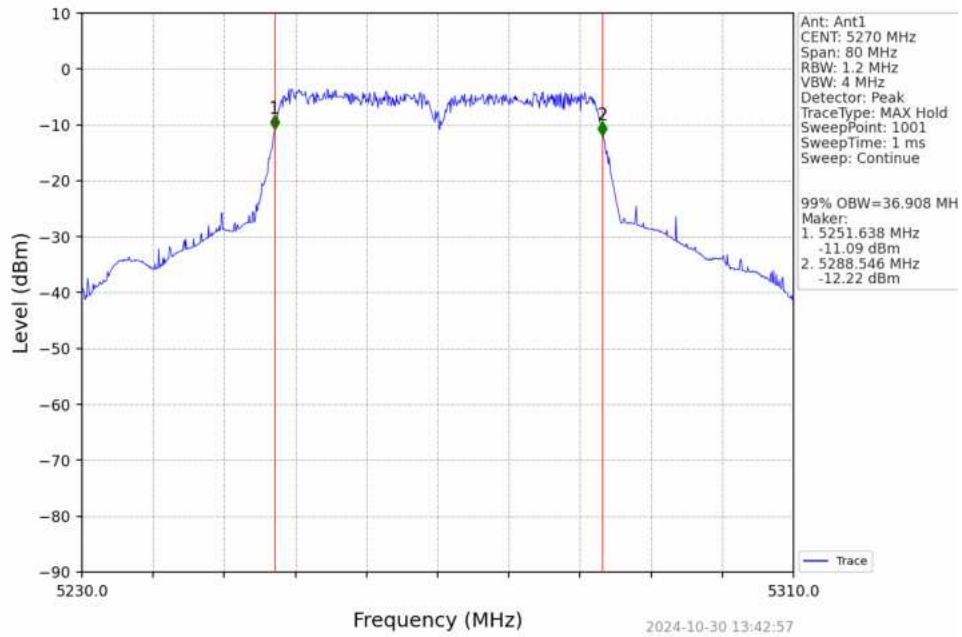
802.11n(HT40) LCH 5190MHz Ant1 NTN



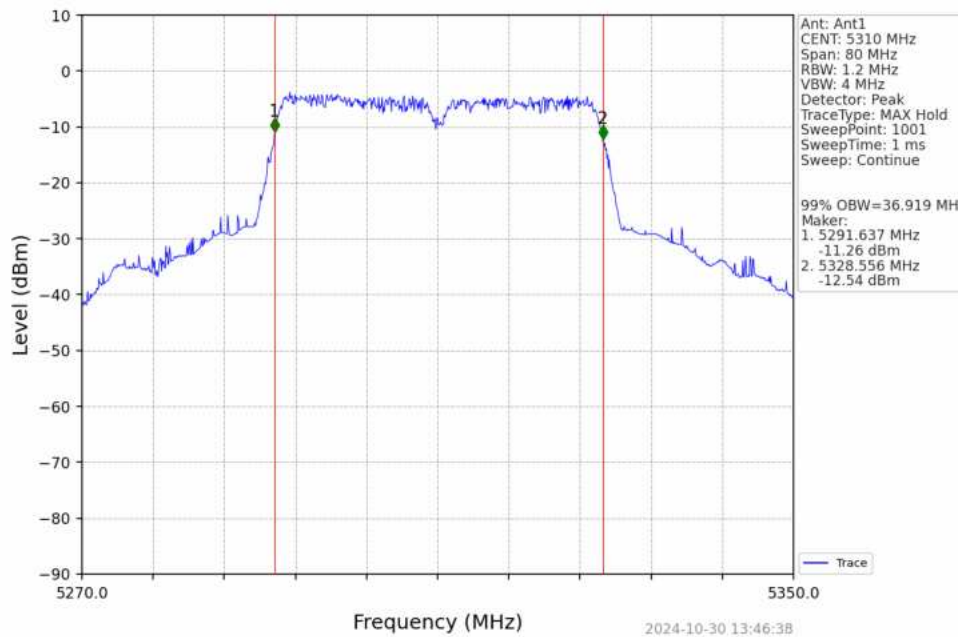
802.11n(HT40) HCH 5230MHz Ant1 NTN



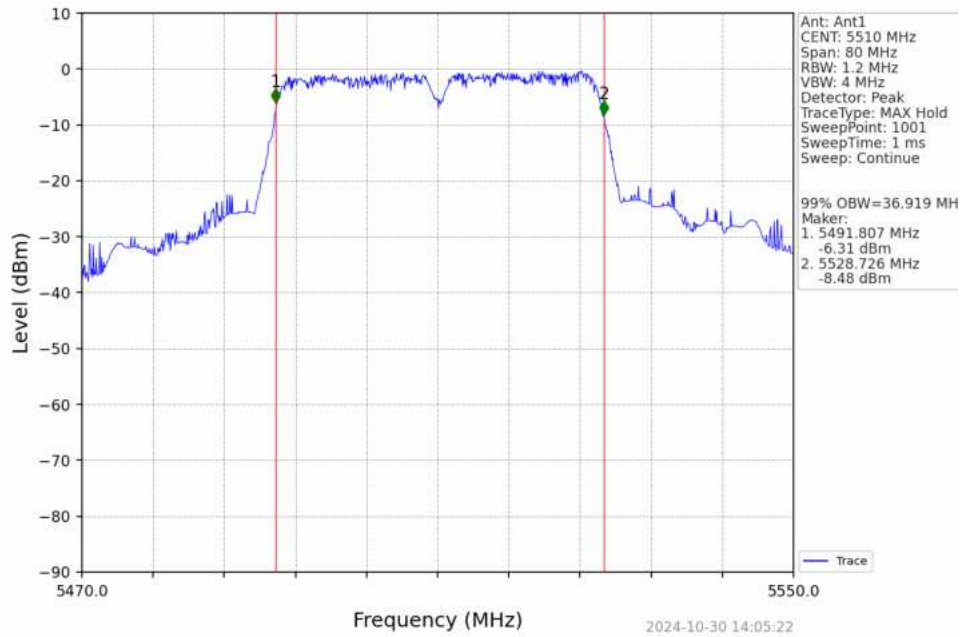
802.11n(HT40) LCH 5270MHz Ant1 NTN



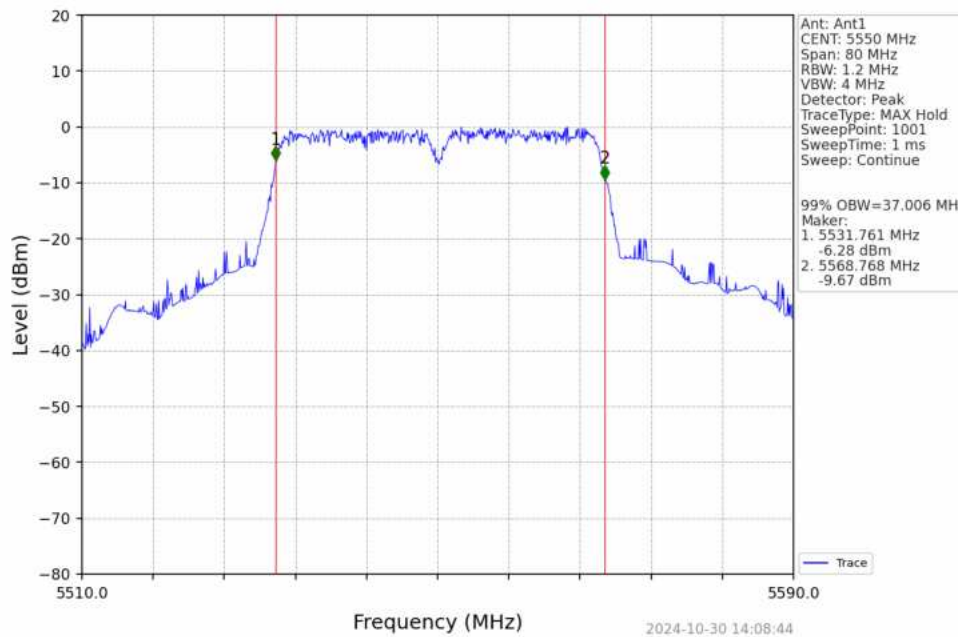
802.11n(HT40) HCH 5310MHz Ant1 NTN



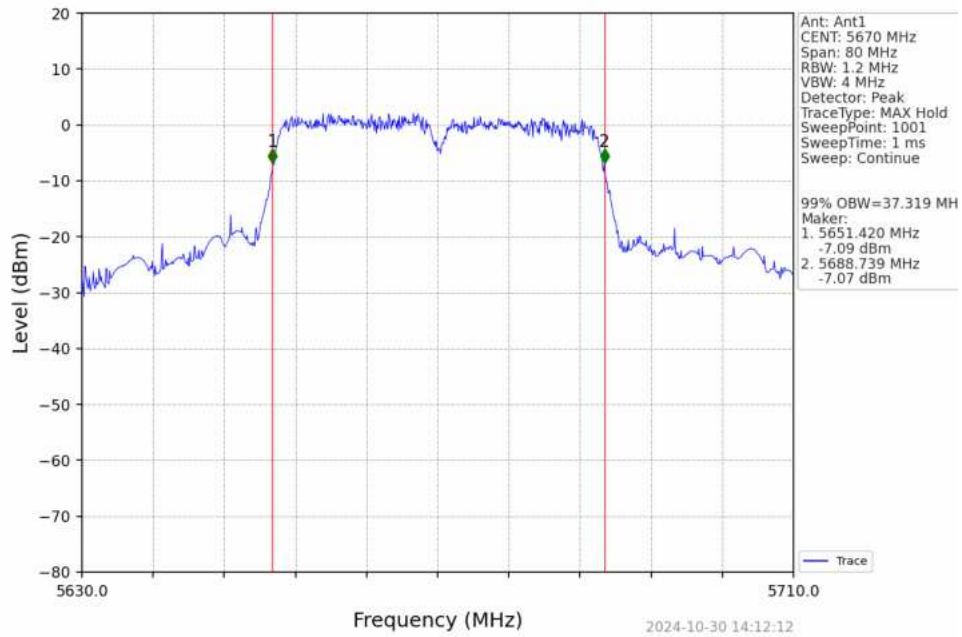
802.11n(HT40) LCH 5510MHz Ant1 NTN



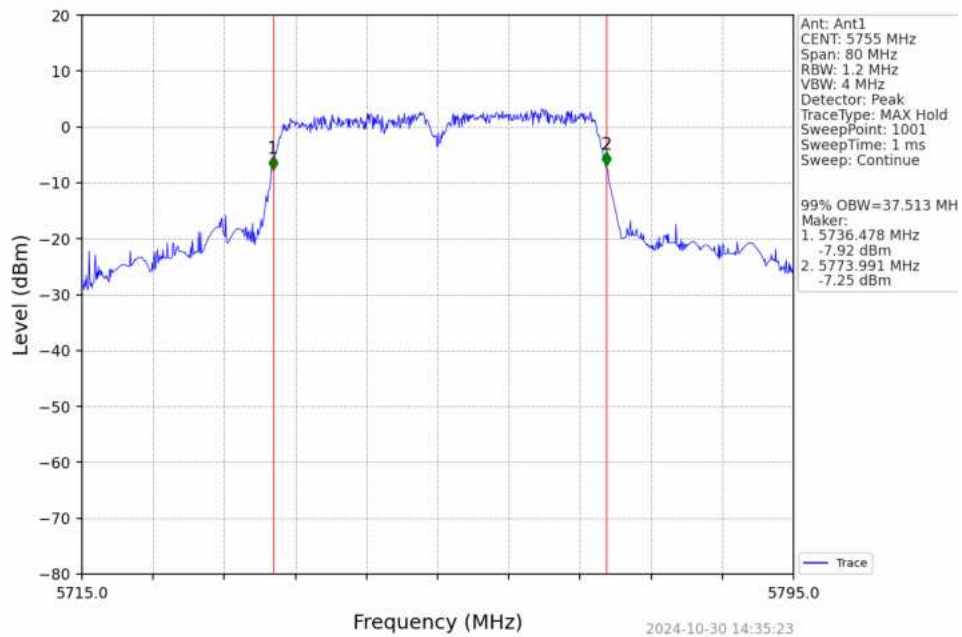
802.11n(HT40) MCH 5550MHz Ant1 NTN



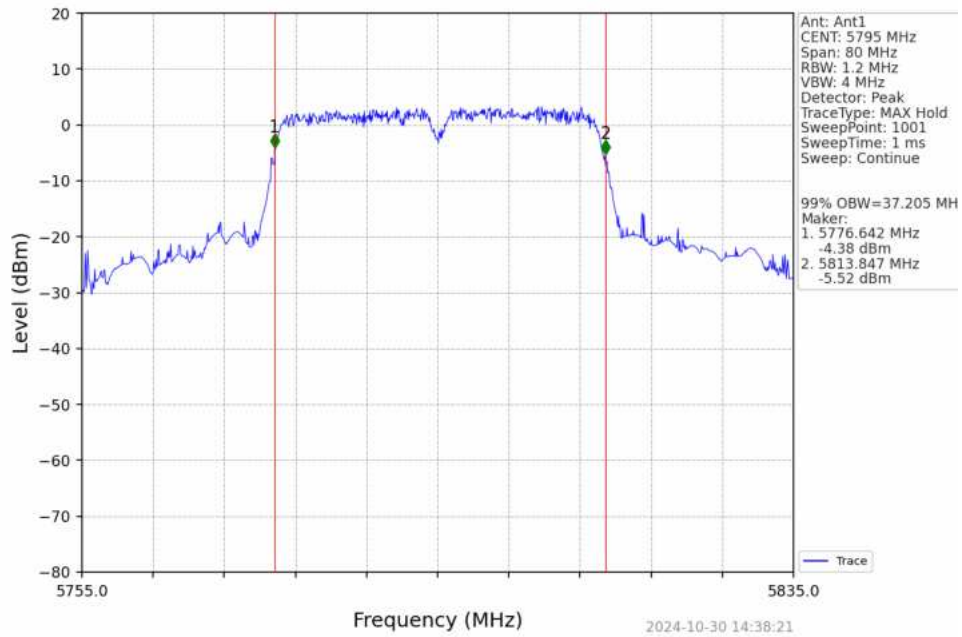
802.11n(HT40) HCH 5670MHz Ant1_NTNV



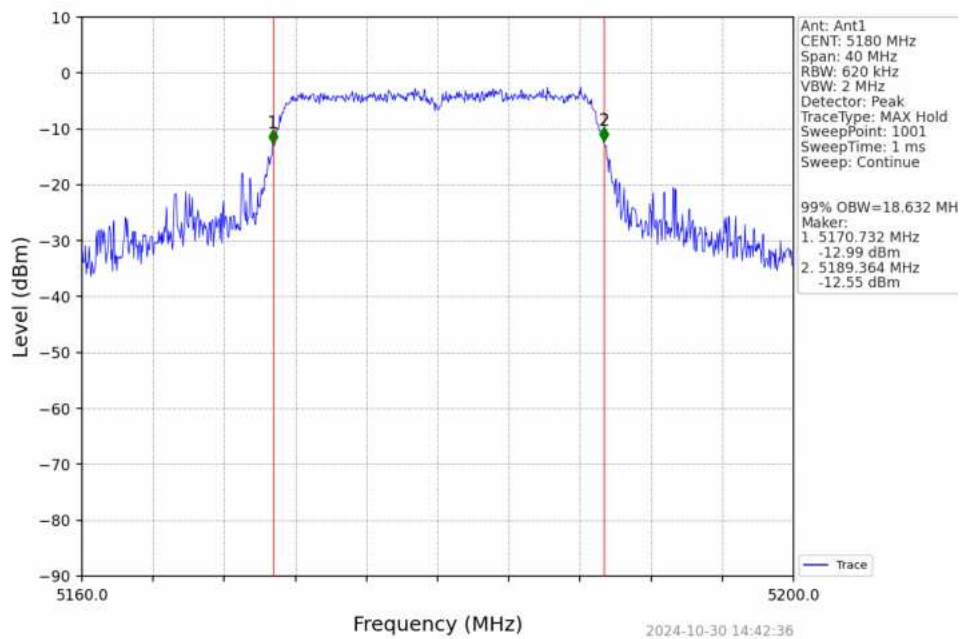
802.11n(HT40) LCH 5755MHz Ant1_NTNV



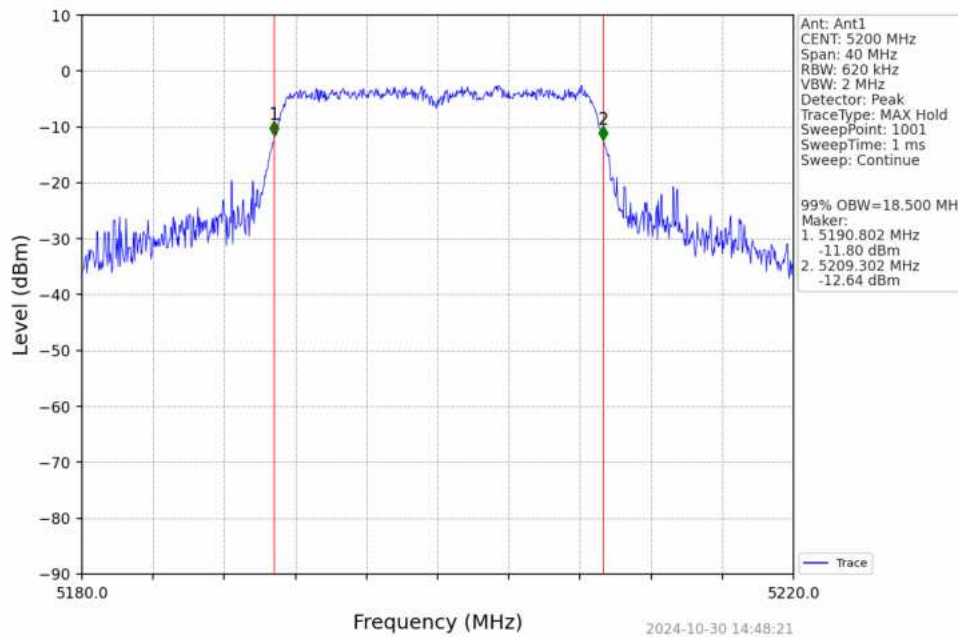
802.11n(HT40) HCH 5795MHz Ant1_NTNV



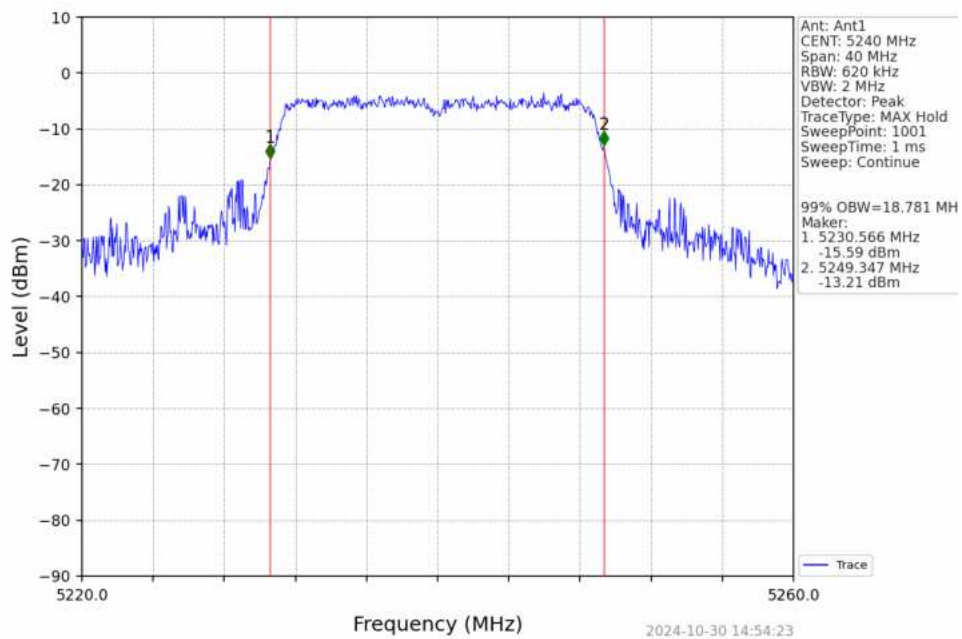
802.11ac(VHT20) LCH 5180MHz Ant1_NTNV



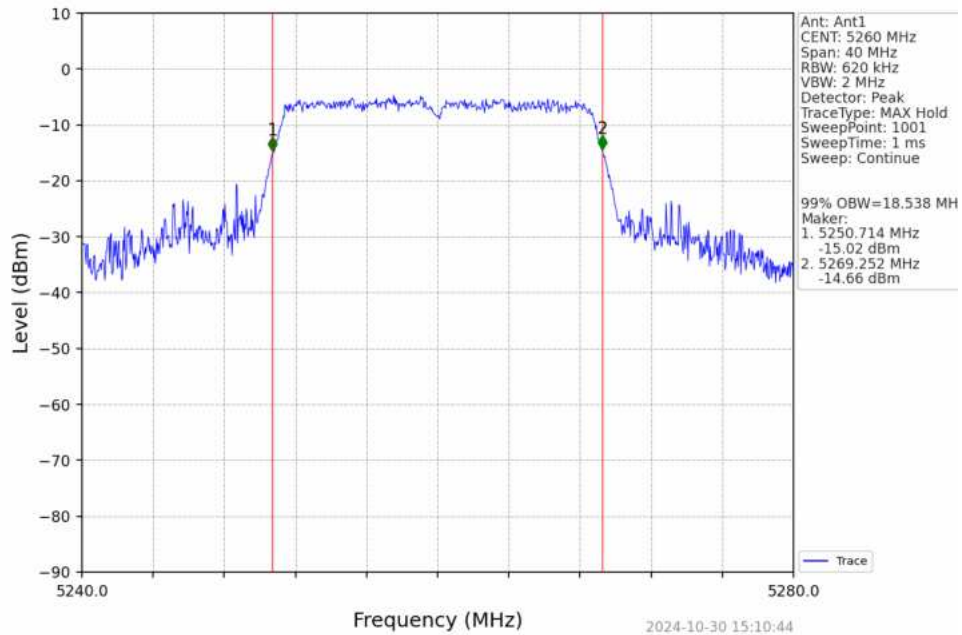
802.11ac(VHT20)_MCH 5200MHz_Ant1_NTNV



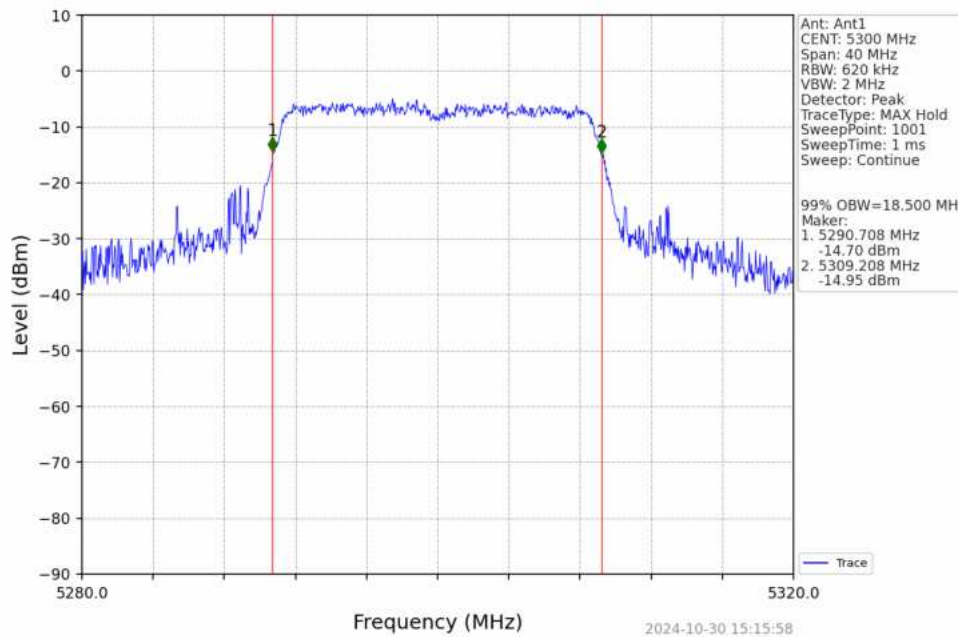
802.11ac(VHT20)_HCH 5240MHz_Ant1_NTNV



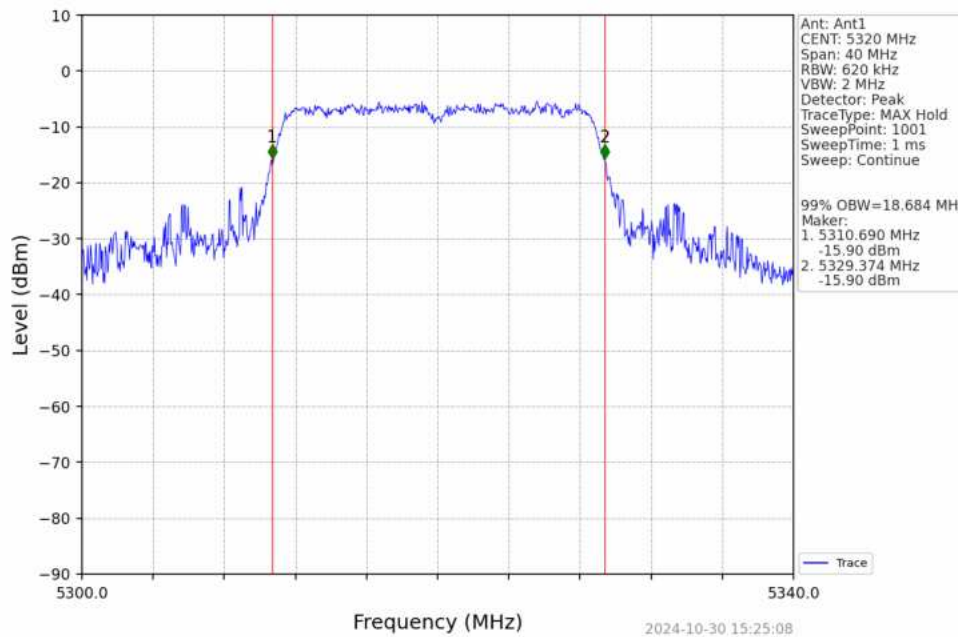
802.11ac(VHT20) LCH_5260MHz Ant1_NTNV



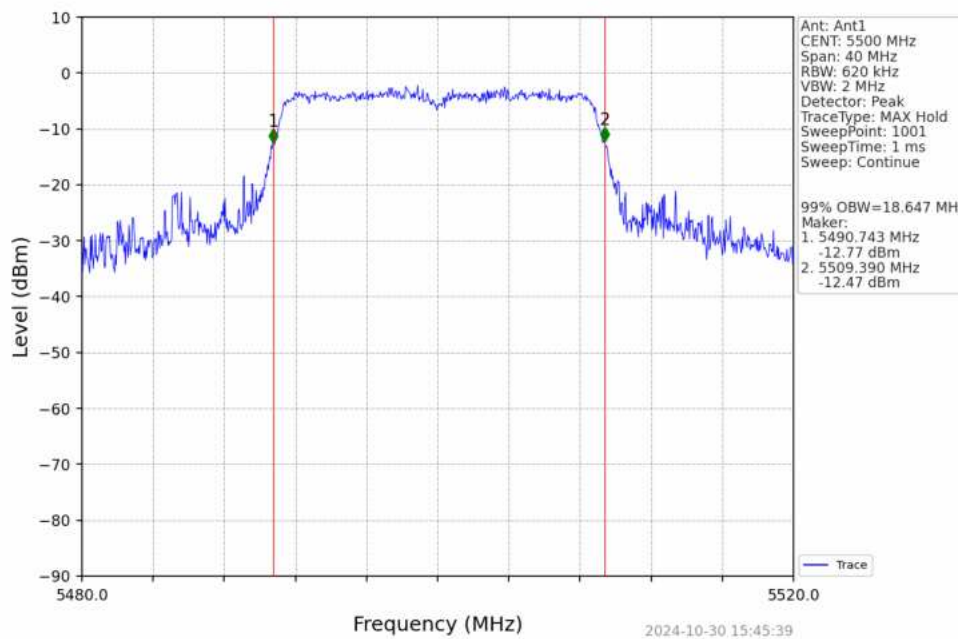
802.11ac(VHT20) MCH_5300MHz Ant1_NTNV



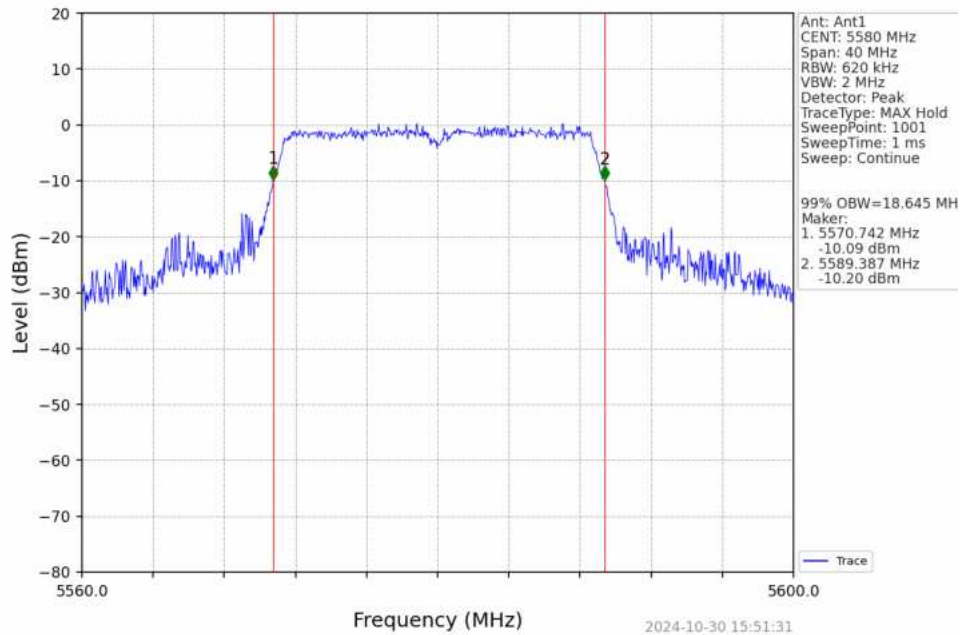
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



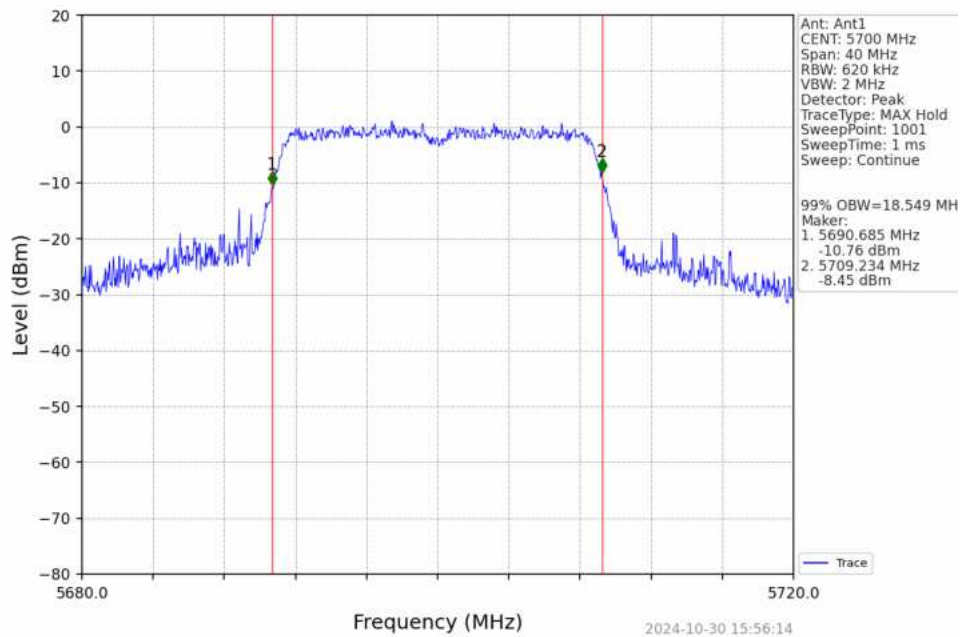
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



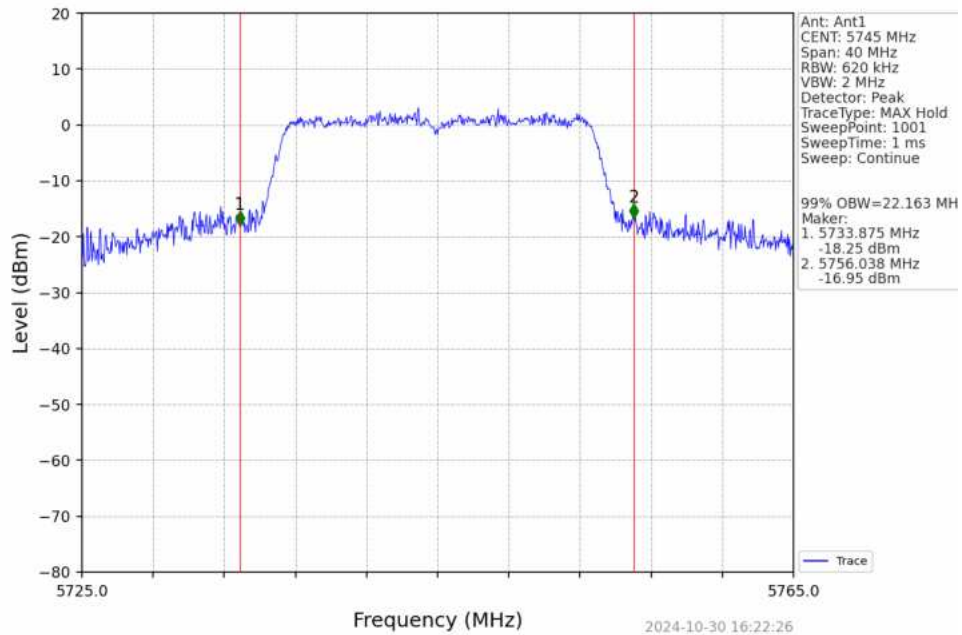
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



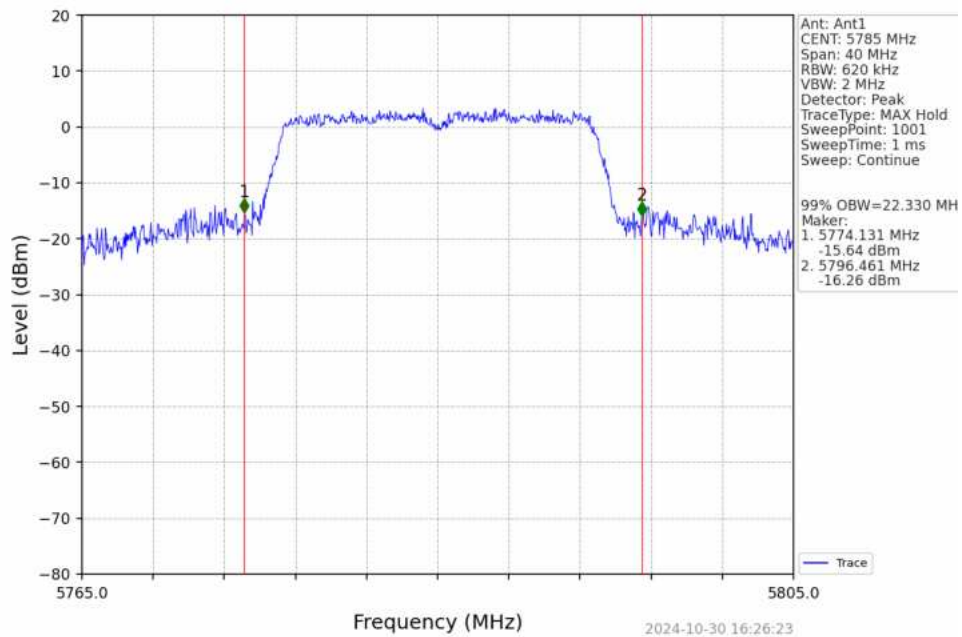
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



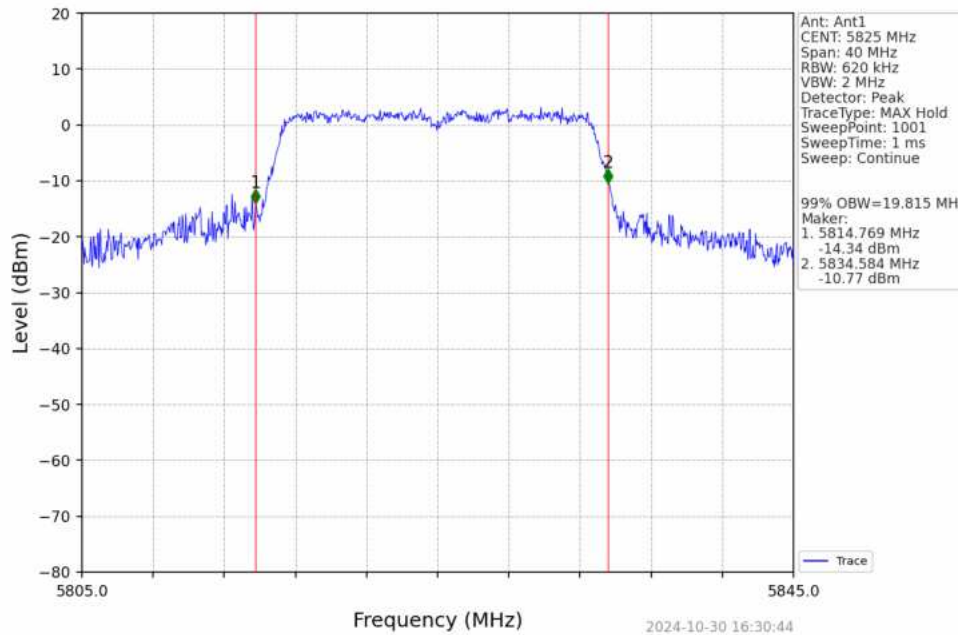
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



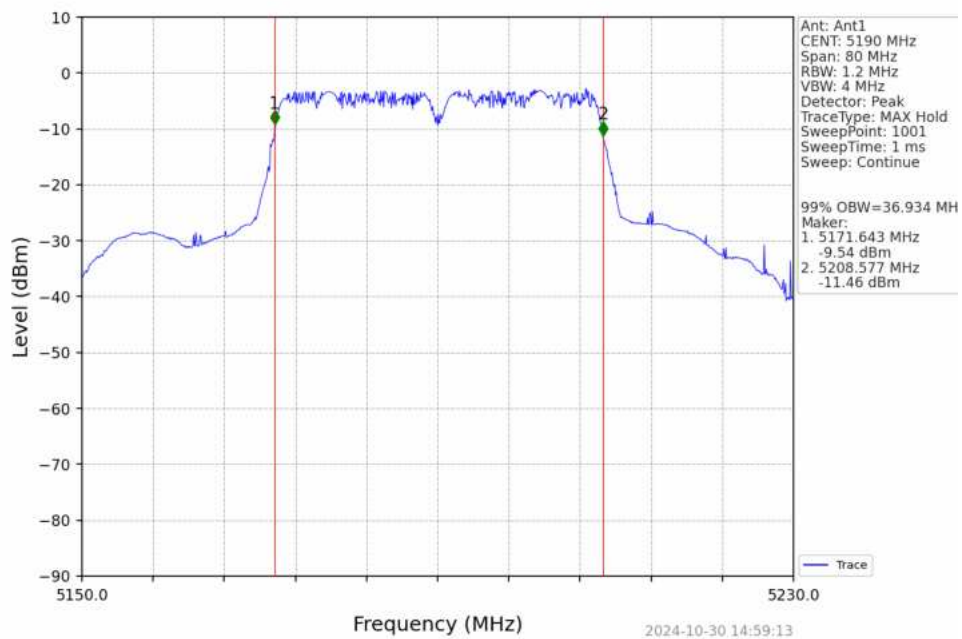
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



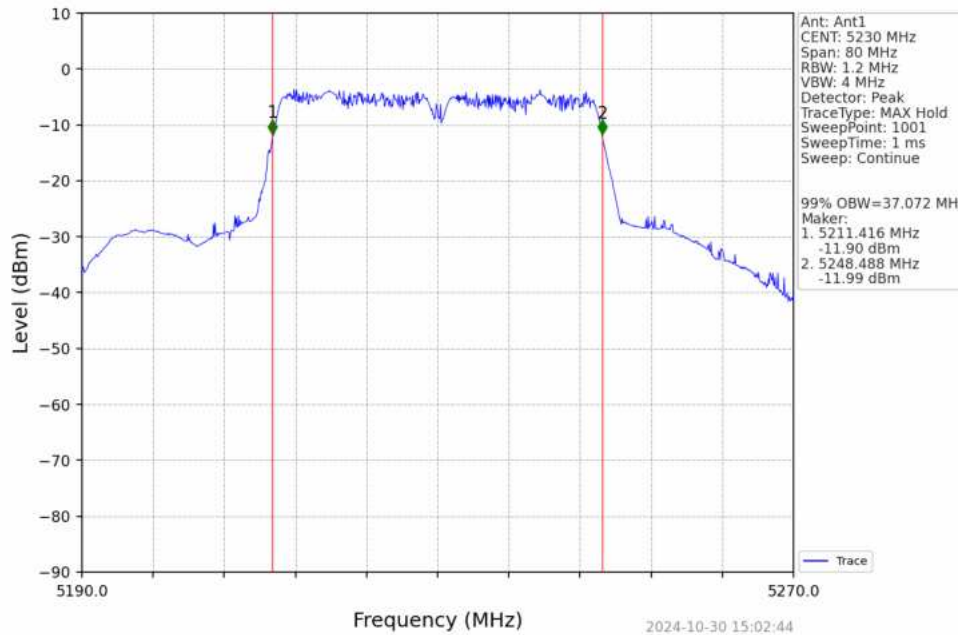
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



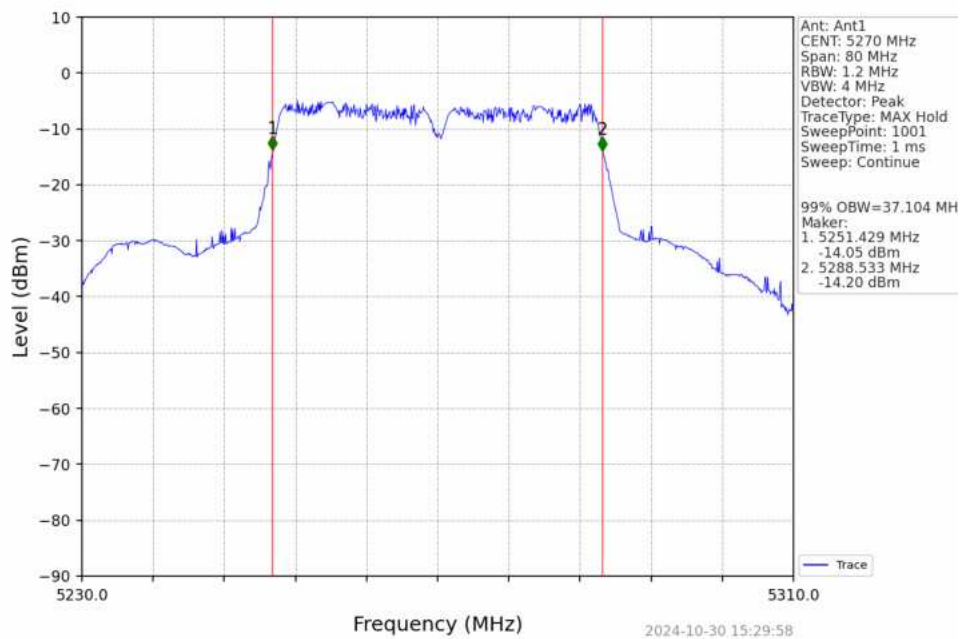
802.11ac(VHT40) LCH 5190MHz Ant1_NTNV



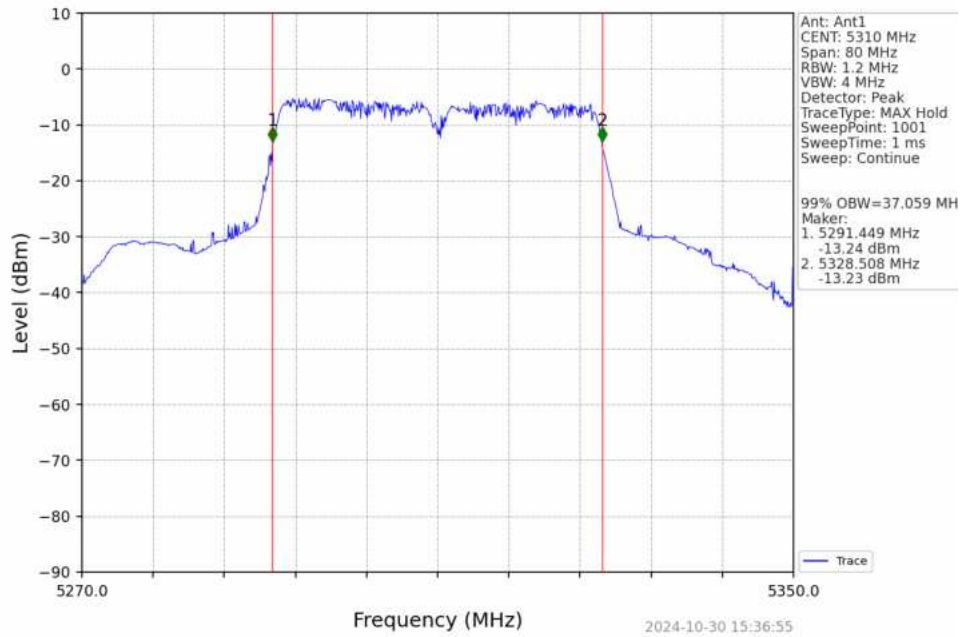
802.11ac(VHT40) HCH 5230MHz Ant1_NTNV



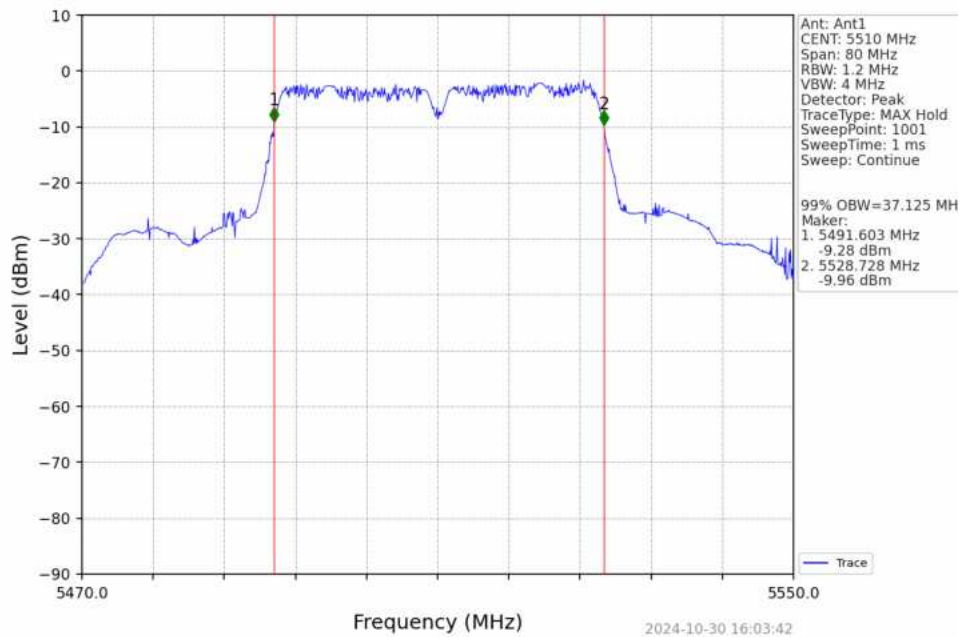
802.11ac(VHT40) LCH 5270MHz Ant1_NTNV



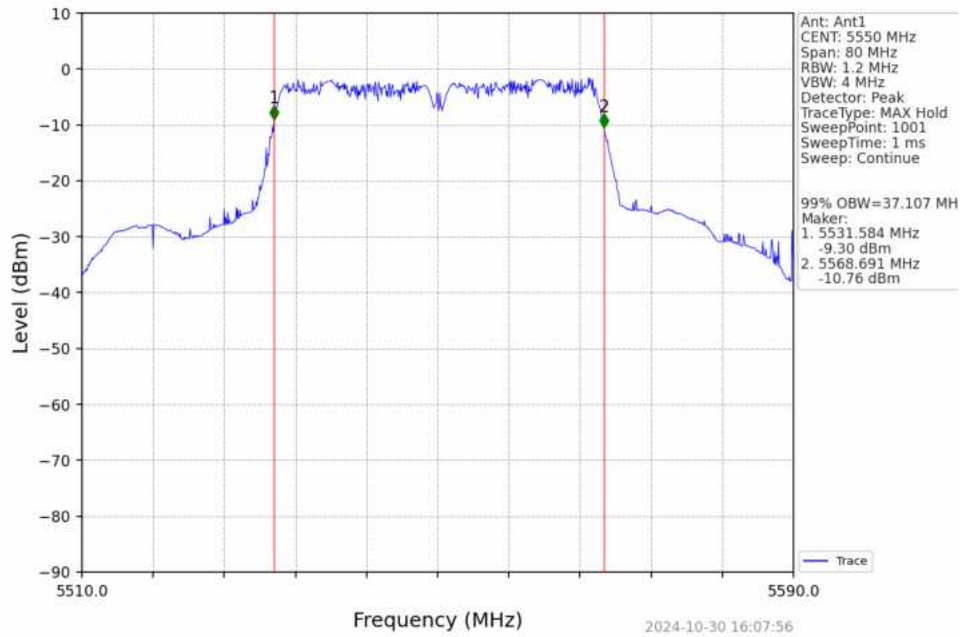
802.11ac(VHT40) HCH 5310MHz Ant1_NTNV



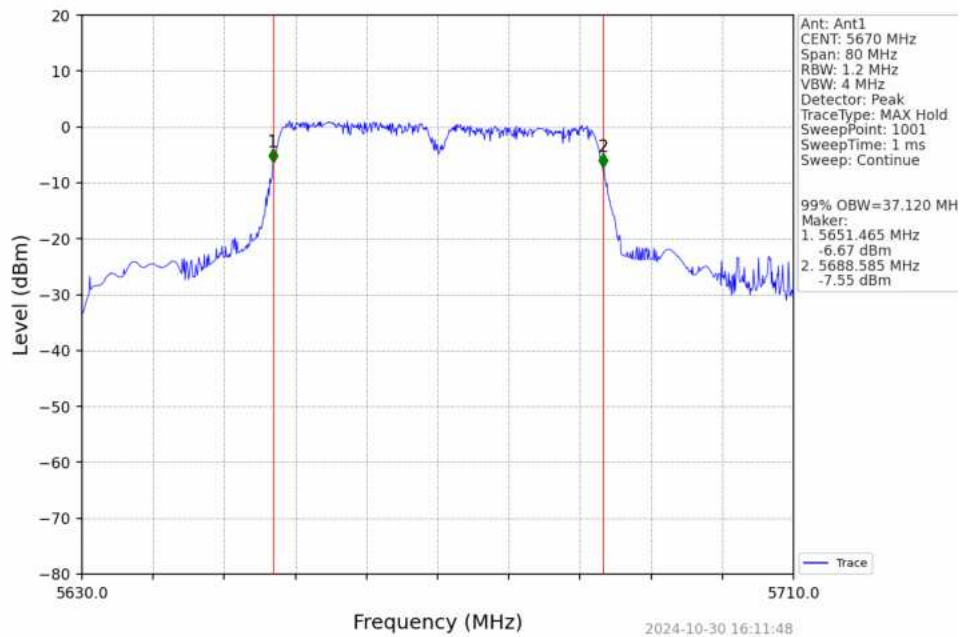
802.11ac(VHT40) LCH 5510MHz Ant1_NTNV



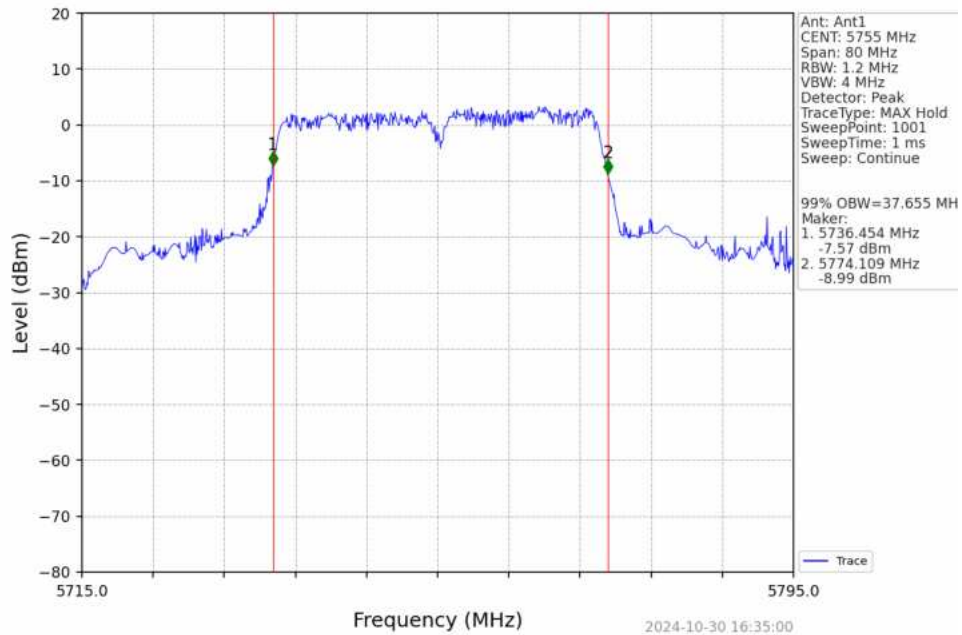
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



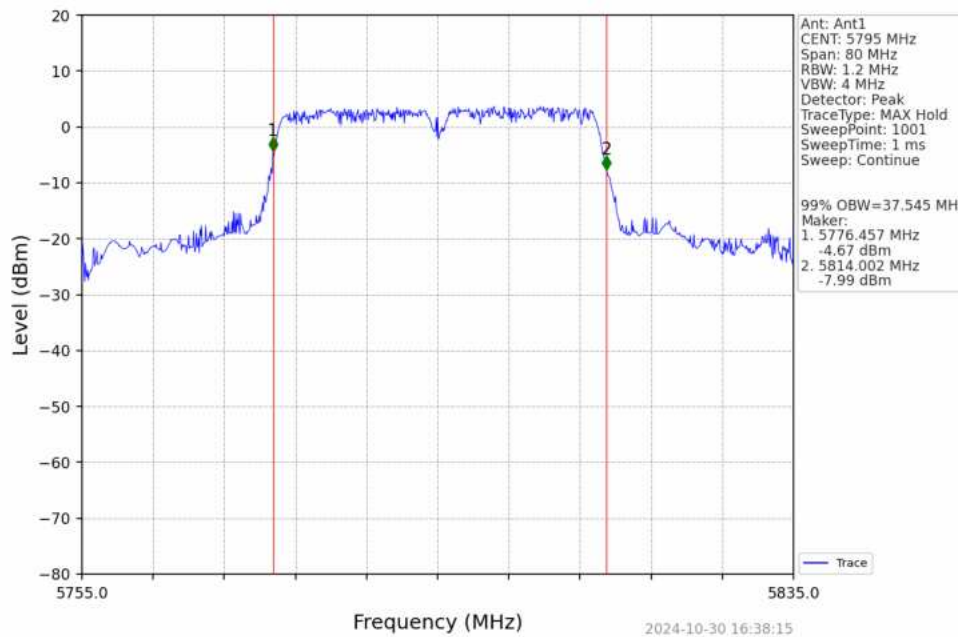
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



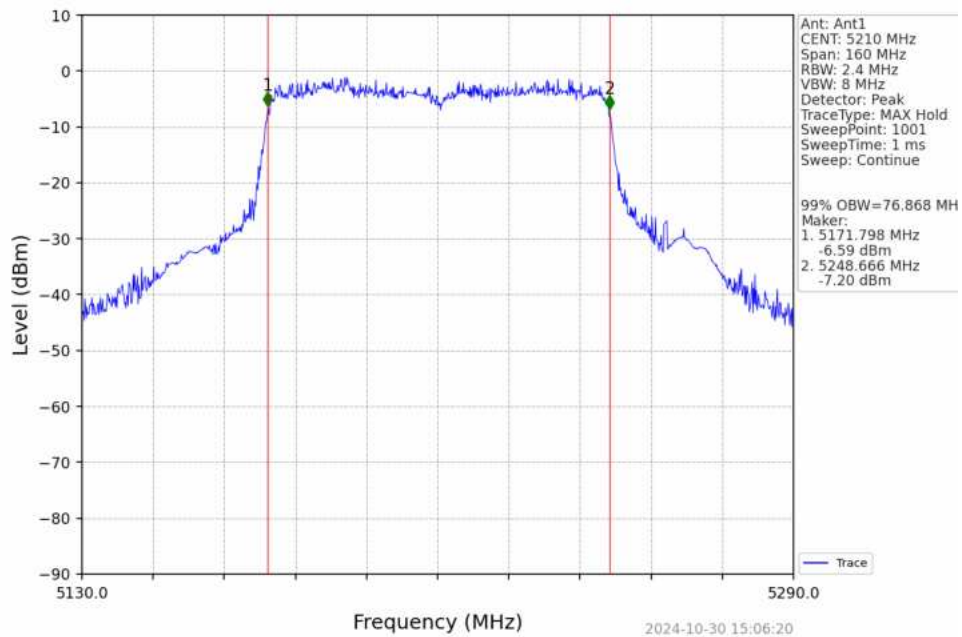
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



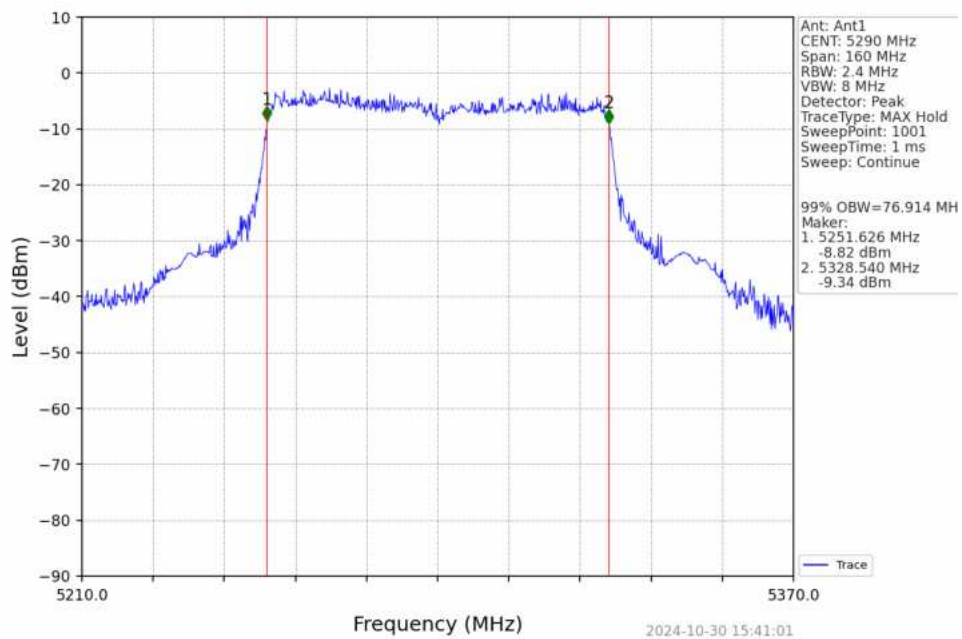
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



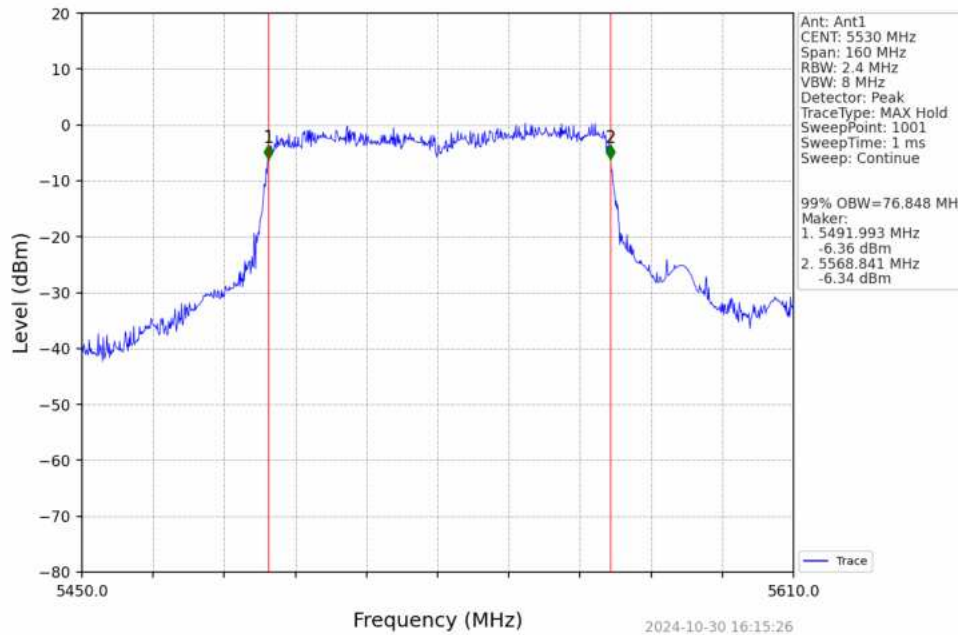
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



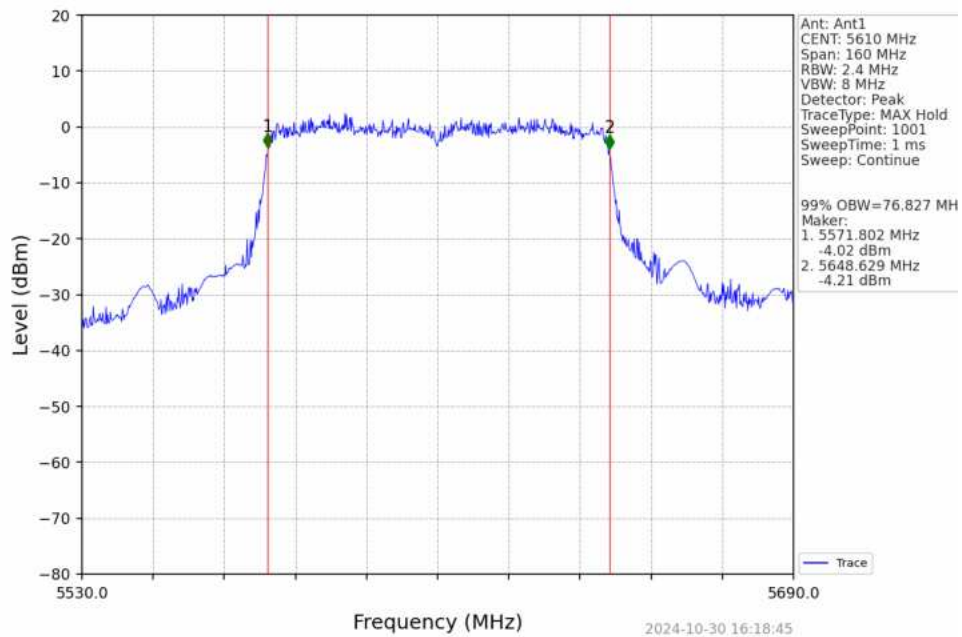
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



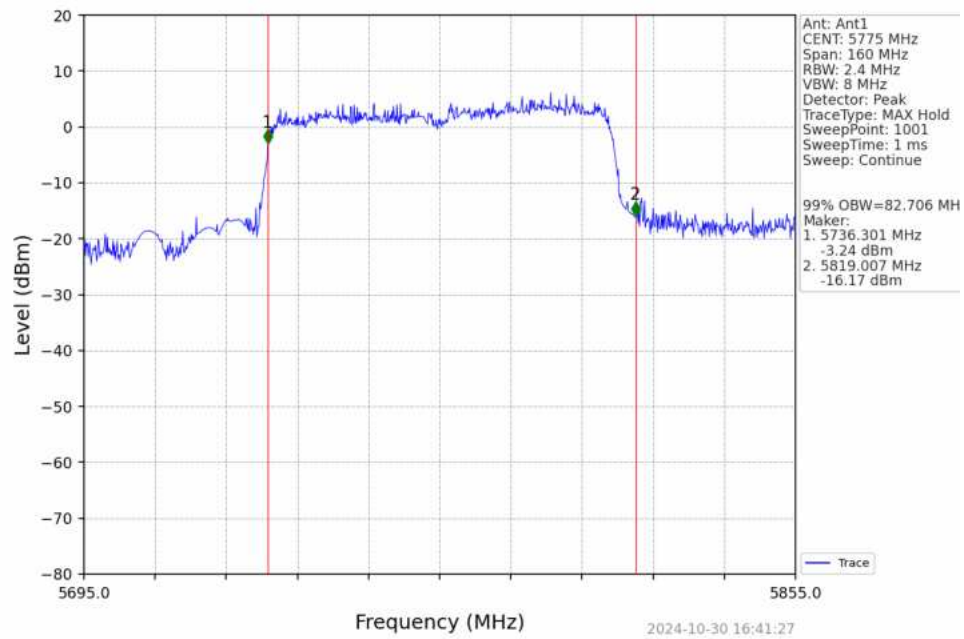
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



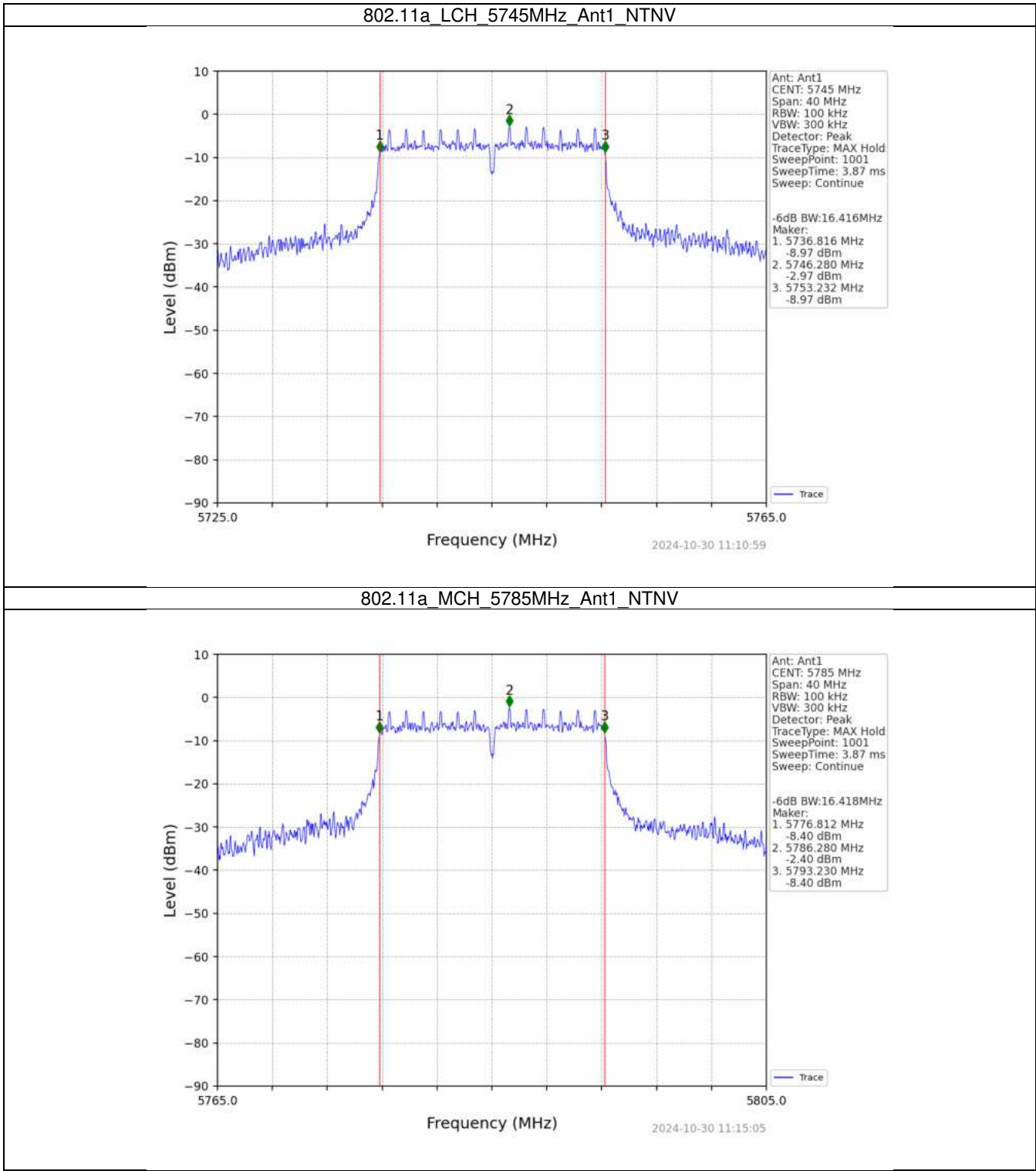
802.11ac(VHT80) HCH_5610MHz_Ant1_NTNV



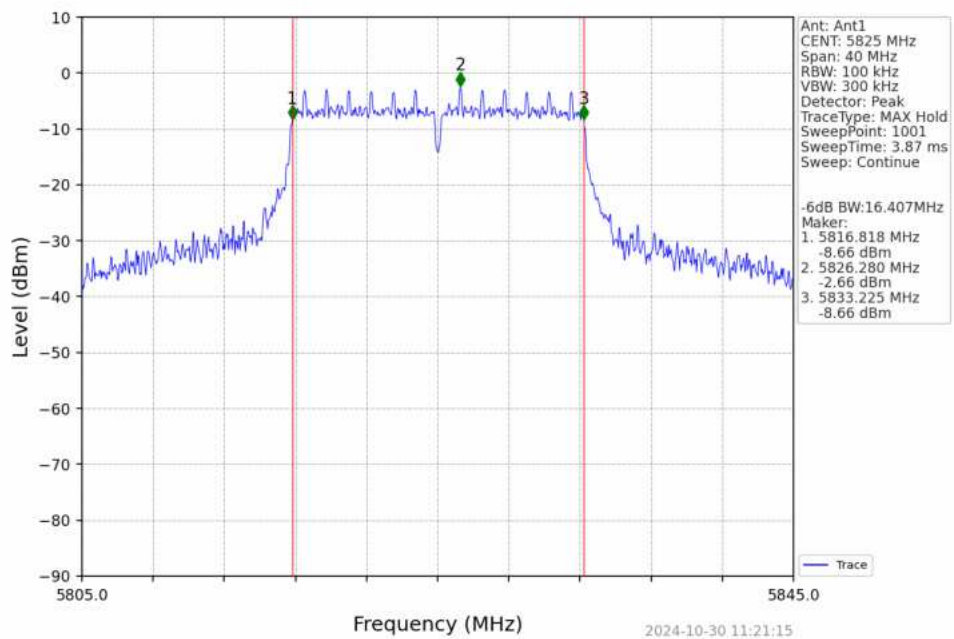
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



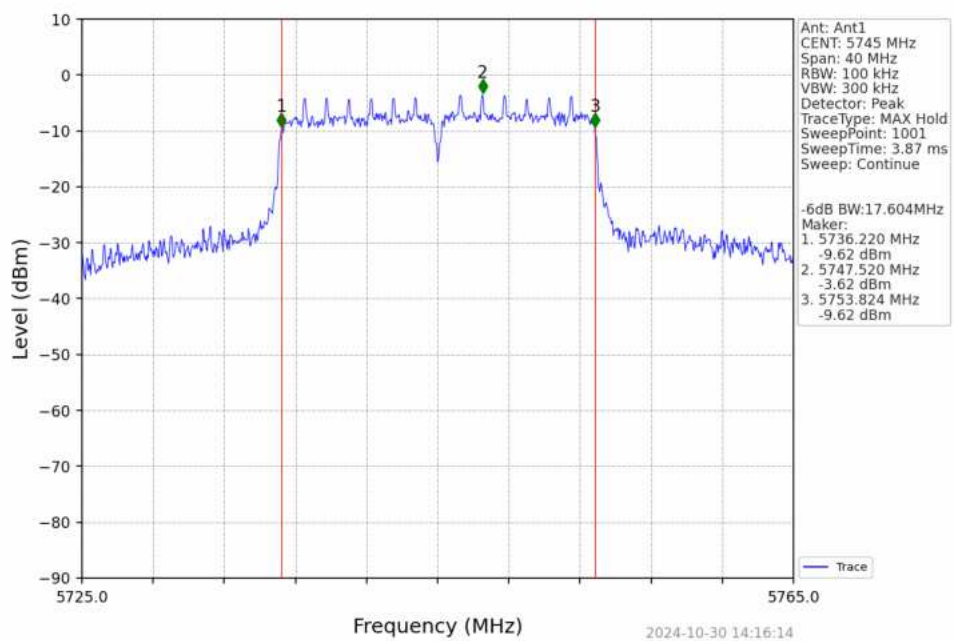
2.2.2 6dB BW



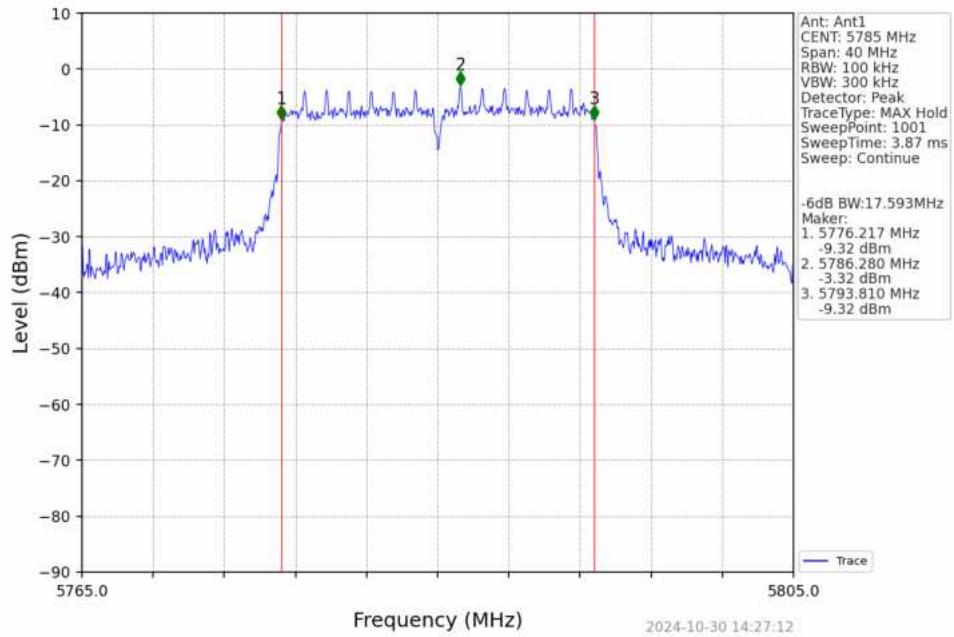
802.11a_HCH_5825MHz_Ant1_NTNV



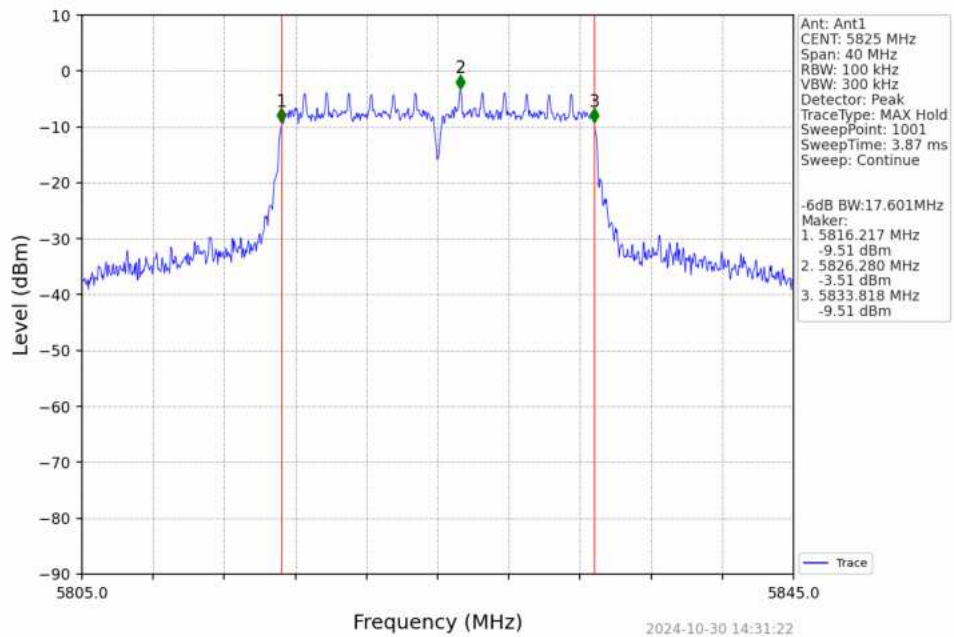
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



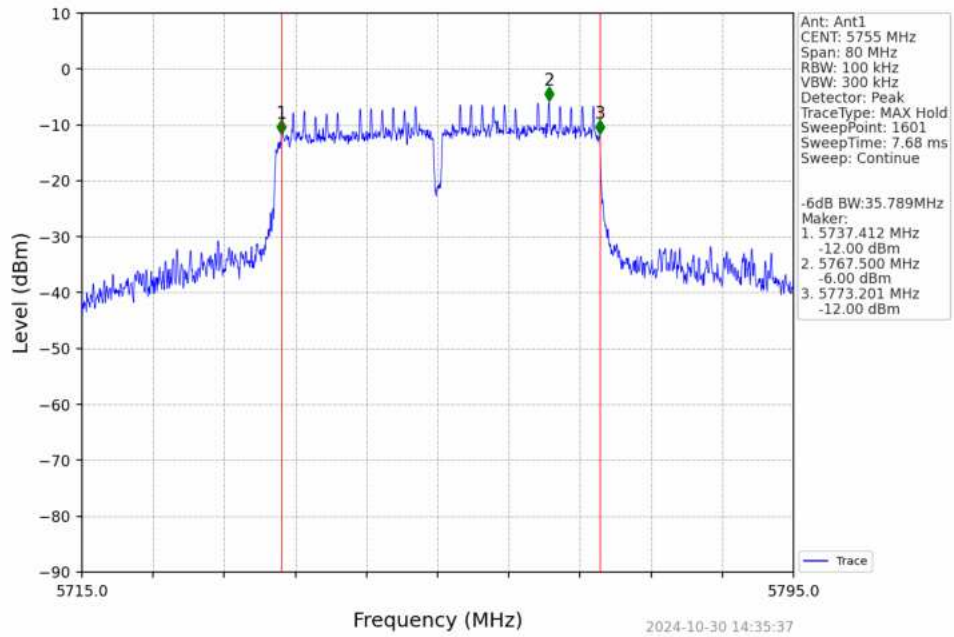
802.11n(HT20) MCH 5785MHz Ant1_NTNV



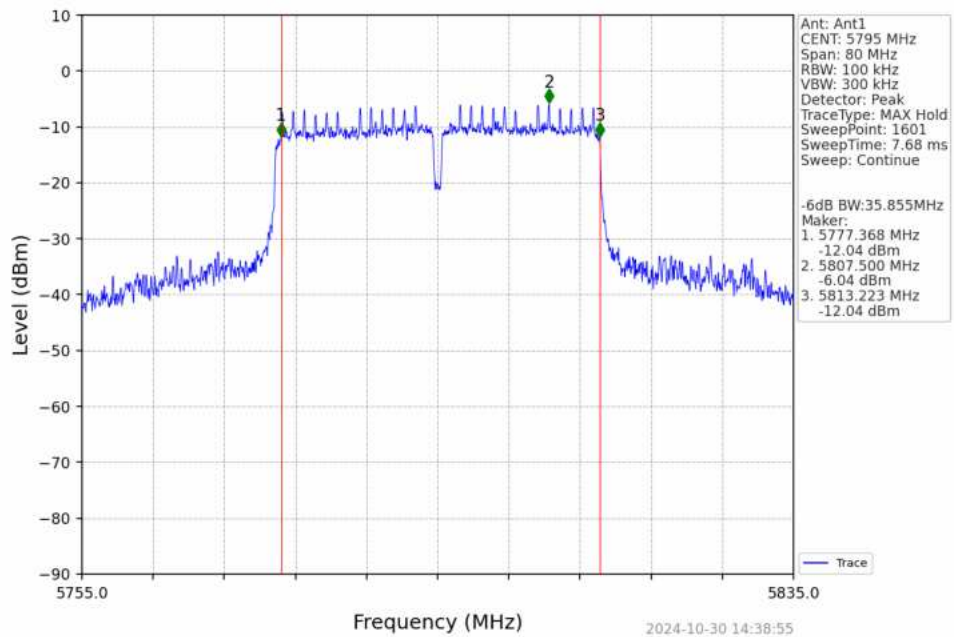
802.11n(HT20) HCH 5825MHz Ant1_NTNV



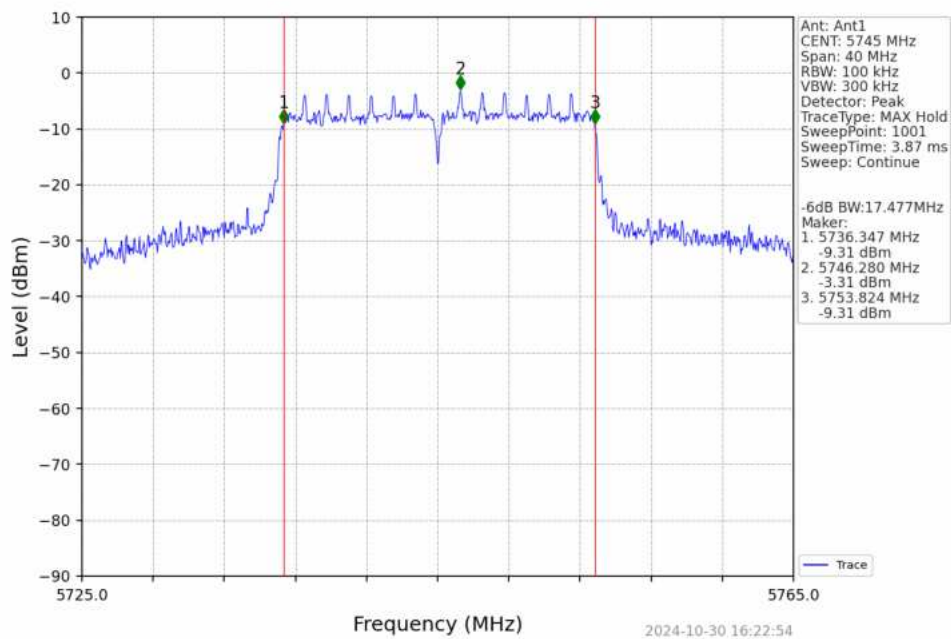
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



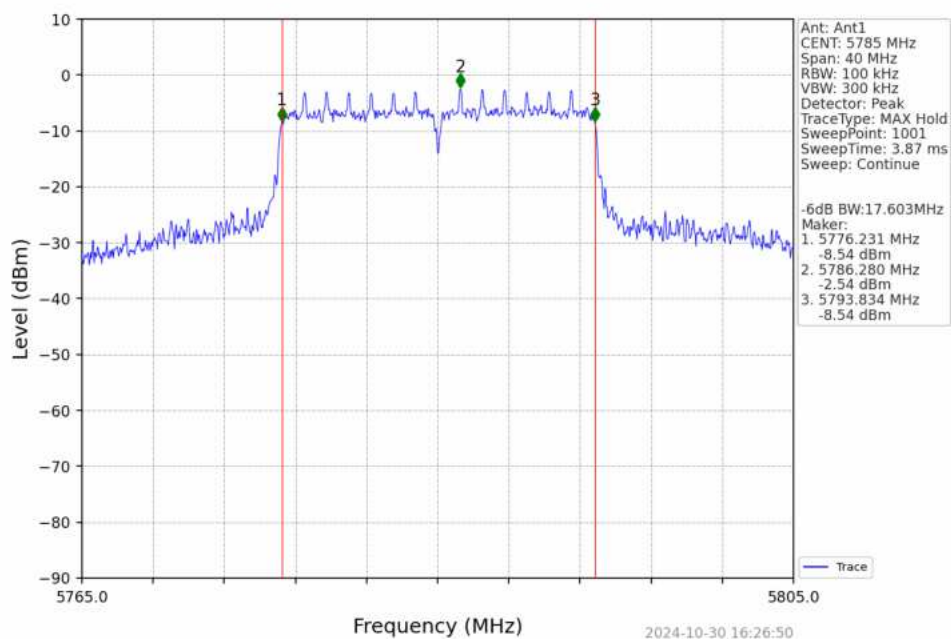
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



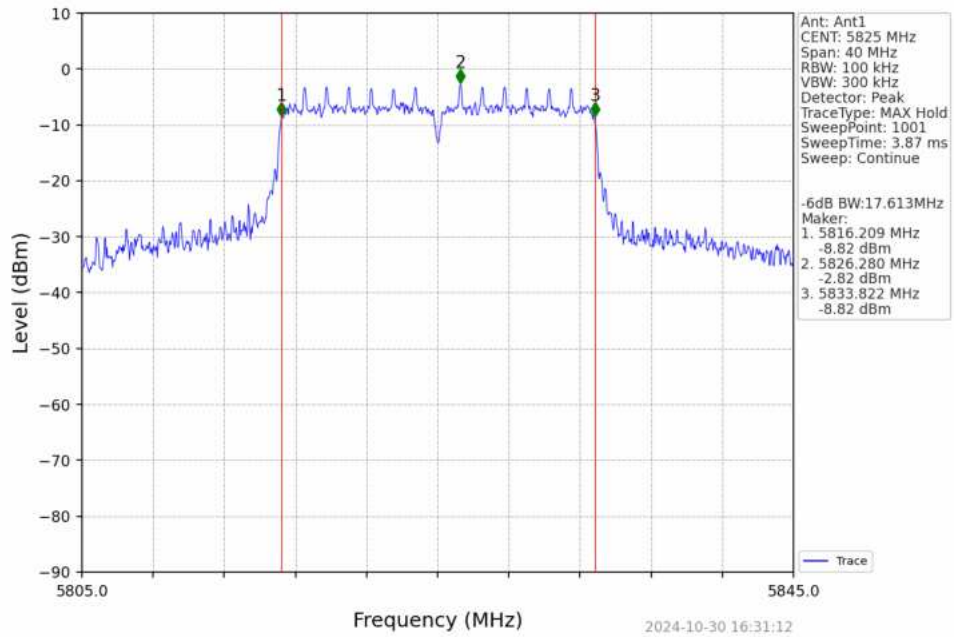
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



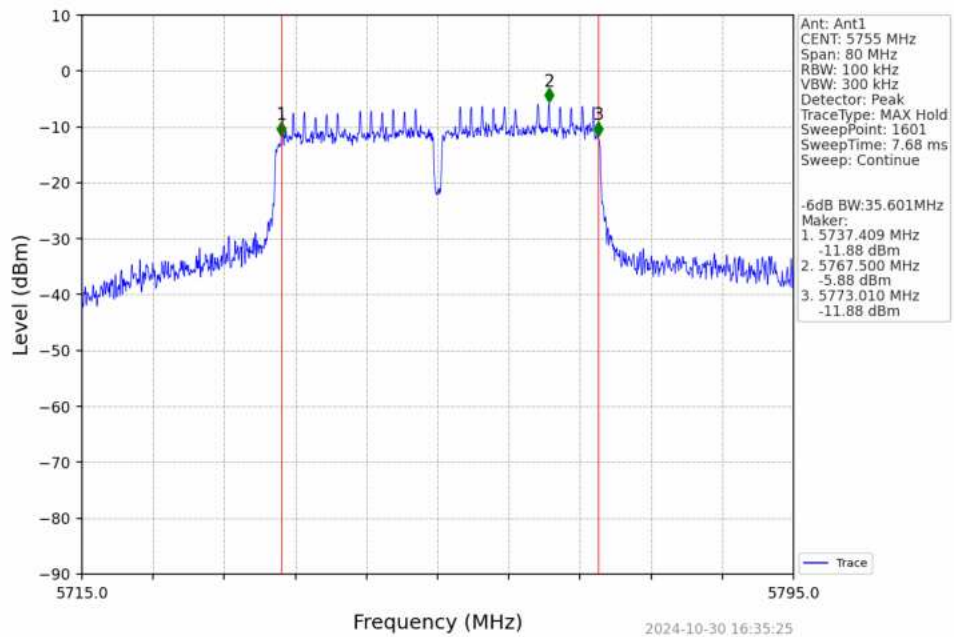
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



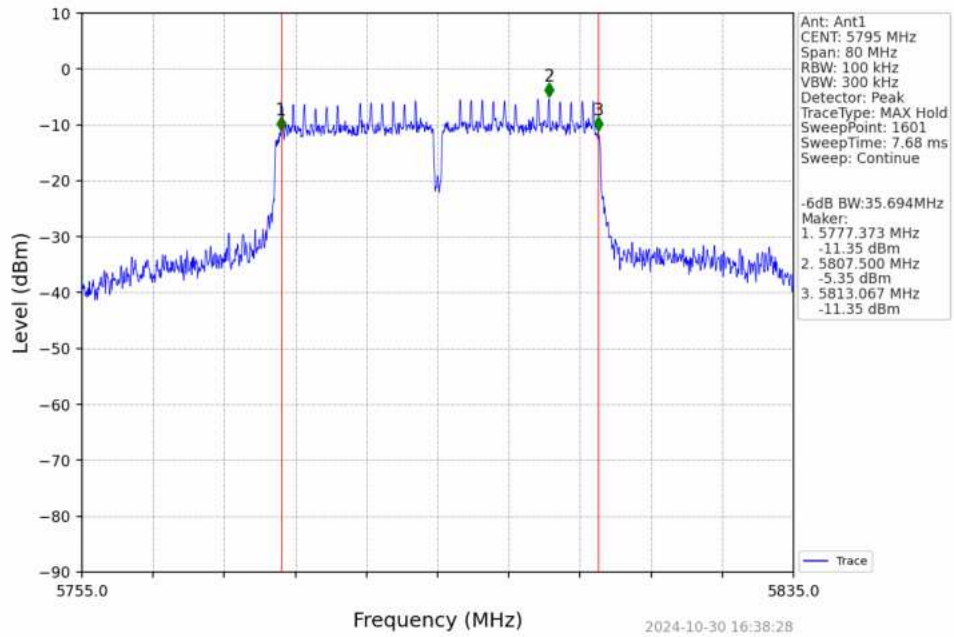
802.11ac(VHT20) HCH 5825MHz Ant1_NTNV



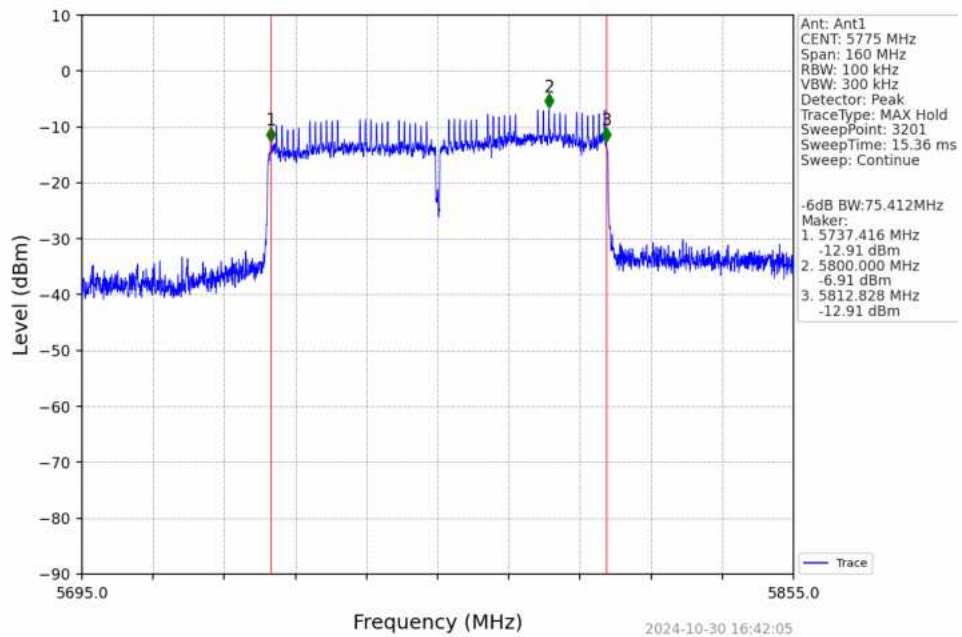
802.11ac(VHT40) LCH 5755MHz Ant1_NTNV



802.11ac(VHT40) HCH 5795MHz Ant1_NTNV



802.11ac(VHT80) MCH 5775MHz Ant1_NTNV



2.2.3 26dB BW

