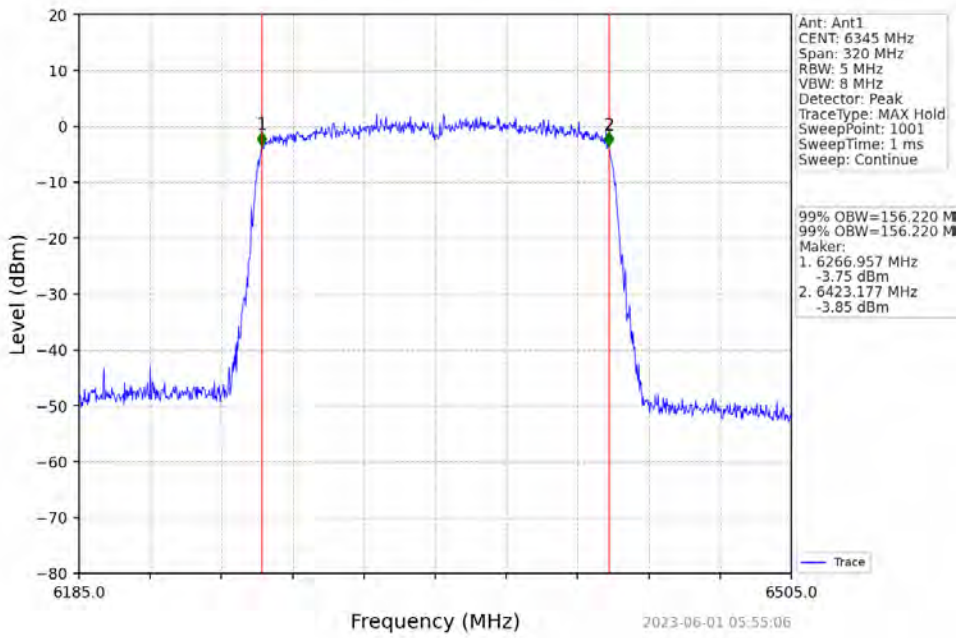
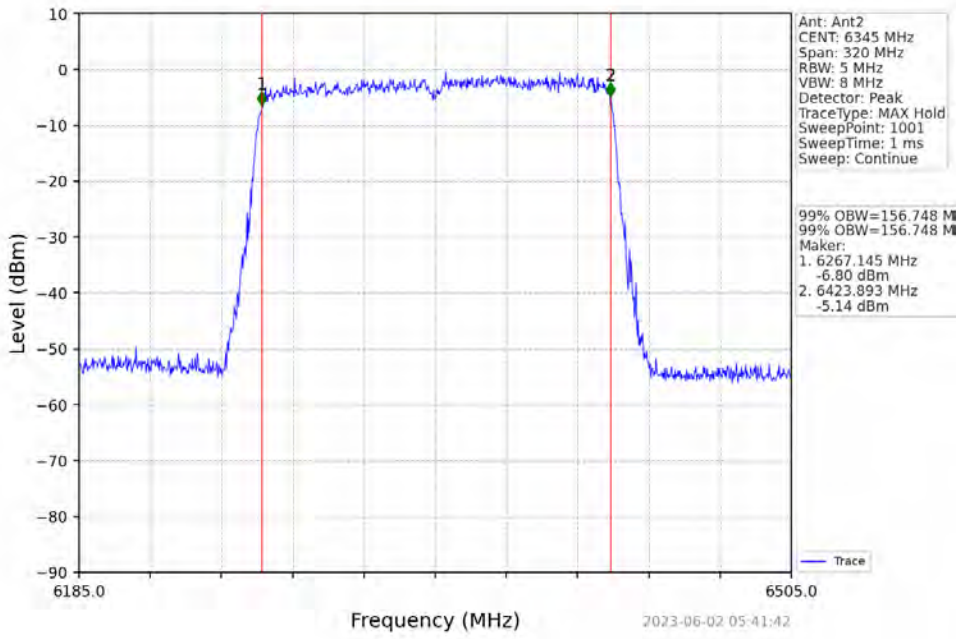
802.11ax(HEW160)_HCH_6345MHz_SU_Ant1_NTNV



802.11ax(HEW160)_HCH_6345MHz_SU_Ant2_NTNV



5.2.2 26DB BW

Test Result

ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax (HEW20)	5955	SU	1	20.844	<=320	Pass
				2	20.414	<=320	Pass
		6175	SU	1	20.759	<=320	Pass
				2	20.658	<=320	Pass
		6415	SU	1	20.584	<=320	Pass
				2	21.283	<=320	Pass
	802.11ax (HEW40)	5965	SU	1	40.151	<=320	Pass
				2	40.518	<=320	Pass
		6165	SU	1	40.319	<=320	Pass
				2	40.418	<=320	Pass
		6405	SU	1	40.370	<=320	Pass
				2	40.306	<=320	Pass
	802.11ax (HEW80)	5985	SU	1	81.738	<=320	Pass
				2	82.529	<=320	Pass
		6145	SU	1	81.900	<=320	Pass
				2	82.138	<=320	Pass
		6385	SU	1	81.811	<=320	Pass
				2	82.196	<=320	Pass
	802.11ax (HEW160)	6025	SU	1	163.724	<=320	Pass
				2	163.643	<=320	Pass
		6185	SU	1	164.792	<=320	Pass
				2	163.597	<=320	Pass
		6345	SU	1	164.534	<=320	Pass
				2	165.800	<=320	Pass

ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax (HEW20)	6435	SU	1	20.903	<=320	Pass
				2	21.104	<=320	Pass
		6475	SU	1	20.867	<=320	Pass
				2	20.840	<=320	Pass
		6515	SU	1	21.205	<=320	Pass
				2	20.804	<=320	Pass
	802.11ax (HEW40)	6445	SU	1	40.112	<=320	Pass
				2	40.411	<=320	Pass
		6485	SU	1	40.298	<=320	Pass
				2	40.219	<=320	Pass
	802.11ax (HEW80)	6465	SU	1	81.920	<=320	Pass
				2	81.795	<=320	Pass

ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax (HEW20)	6535	SU	1	20.986	<=320	Pass
				2	20.541	<=320	Pass
		6695	SU	1	20.793	<=320	Pass
				2	21.017	<=320	Pass

		6855	SU	1	20.771	<=320	Pass
				2	20.702	<=320	Pass
	802.11ax (HEW40)	6565	SU	1	40.399	<=320	Pass
				2	40.328	<=320	Pass
		6685	SU	1	40.414	<=320	Pass
				2	40.606	<=320	Pass
		6845	SU	1	40.205	<=320	Pass
				2	40.498	<=320	Pass
	802.11ax (HEW80)	6625	SU	1	82.273	<=320	Pass
				2	82.029	<=320	Pass
		6705	SU	1	82.380	<=320	Pass
				2	81.504	<=320	Pass
		6785	SU	1	82.000	<=320	Pass
				2	81.382	<=320	Pass
	802.11ax (HEW160)	6665	SU	1	166.103	<=320	Pass
				2	164.650	<=320	Pass

ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax (HEW20)	6895	SU	1	20.878	<=320	Pass
				2	20.748	<=320	Pass
		6995	SU	1	21.006	<=320	Pass
				2	20.722	<=320	Pass
		7095	SU	1	21.045	<=320	Pass
				2	20.722	<=320	Pass
	802.11ax (HEW40)	6925	SU	1	40.246	<=320	Pass
				2	40.207	<=320	Pass
		7005	SU	1	40.185	<=320	Pass
				2	40.523	<=320	Pass
		7085	SU	1	40.367	<=320	Pass
				2	40.920	<=320	Pass
	802.11ax (HEW80)	6945	SU	1	82.087	<=320	Pass
				2	81.908	<=320	Pass
		7025	SU	1	81.697	<=320	Pass
				2	81.157	<=320	Pass
	802.11ax (HEW160)	6985	SU	1	165.380	<=320	Pass
				2	163.413	<=320	Pass

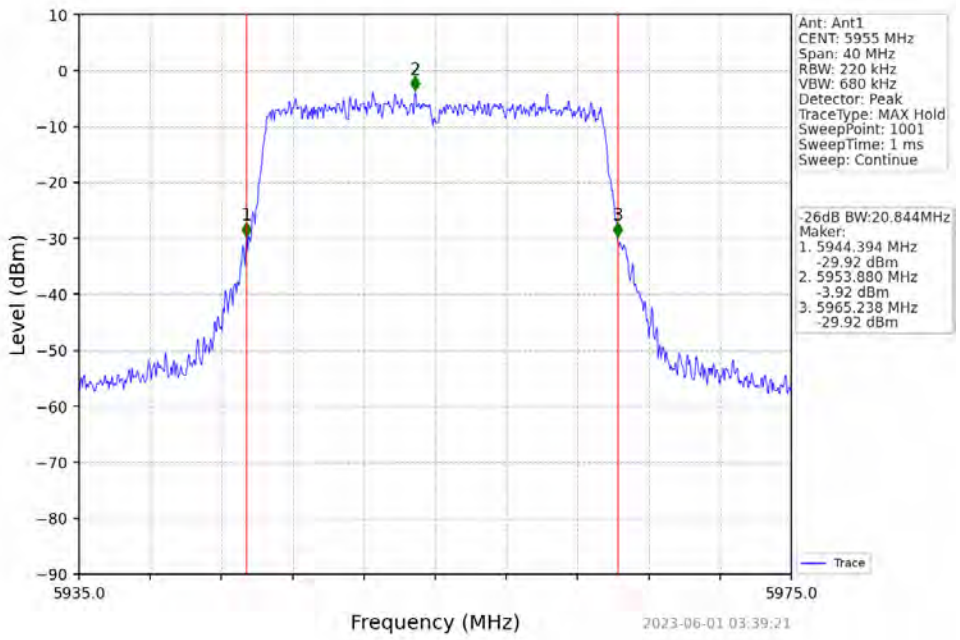
ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax (HEW20)	6875	SU	1	20.896	<=320	Pass
				2	20.806	<=320	Pass
	802.11ax (HEW40)	6885	SU	1	40.366	<=320	Pass
				2	39.900	<=320	Pass
	802.11ax (HEW80)	6865	SU	1	82.105	<=320	Pass
				2	81.871	<=320	Pass
	802.11ax (HEW160)	6825	SU	1	164.328	<=320	Pass
				2	165.445	<=320	Pass

ENV	Mode	Frequency (MHz)	RU	ANT	26dB Bandwidth (MHz)		Verdict
					Result	Limit	
NTNV	802.11ax	6525	SU	1	40.391	<=320	Pass

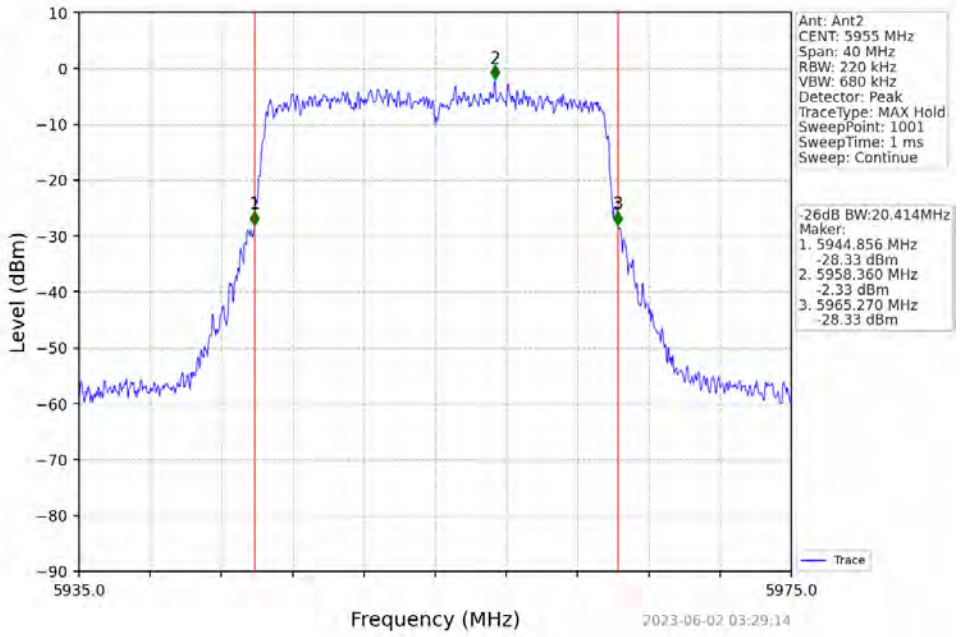
	(HEW40)			2	40.344	<=320	Pass
	802.11ax (HEW80)	6545	SU	1	81.844	<=320	Pass
				2	81.358	<=320	Pass
	802.11ax (HEW160)	6505	SU	1	164.356	<=320	Pass
				2	164.015	<=320	Pass

Test Graph

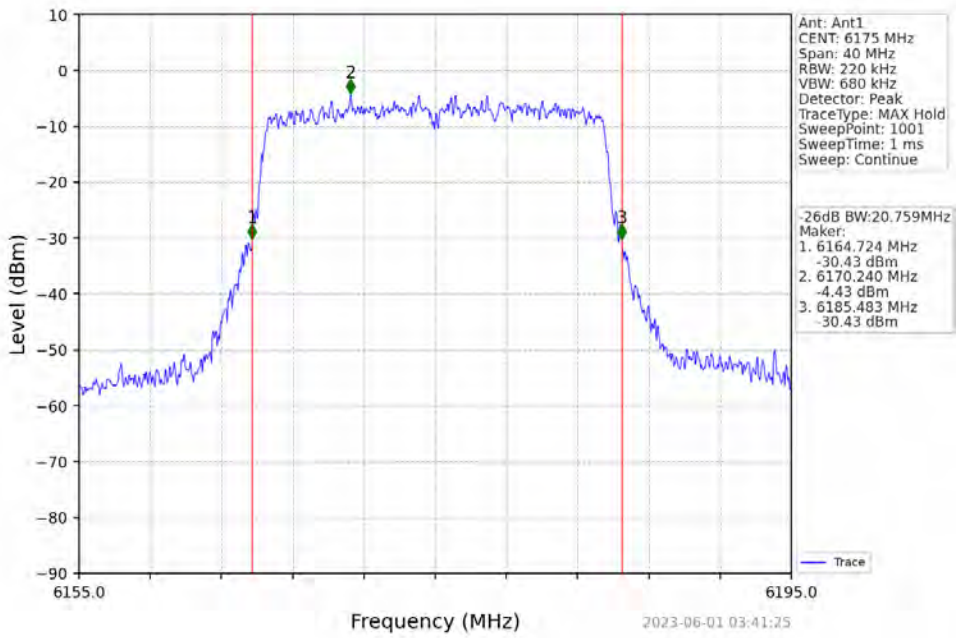
802.11ax(HEW20)_LCH_5955MHz_SU_Ant1_NTNV



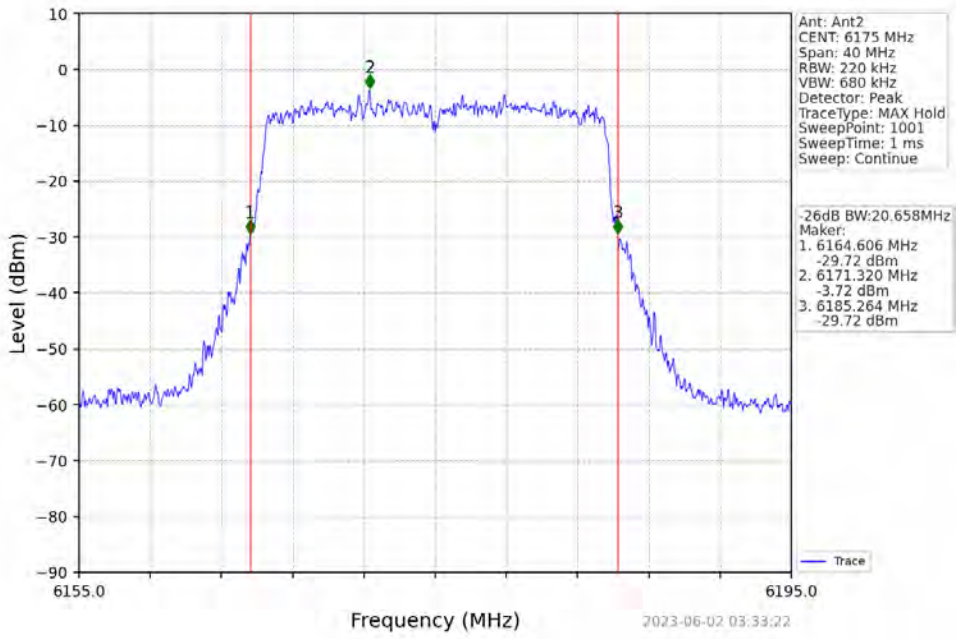
802.11ax(HEW20)_LCH_5955MHz_SU_Ant2_NTNV



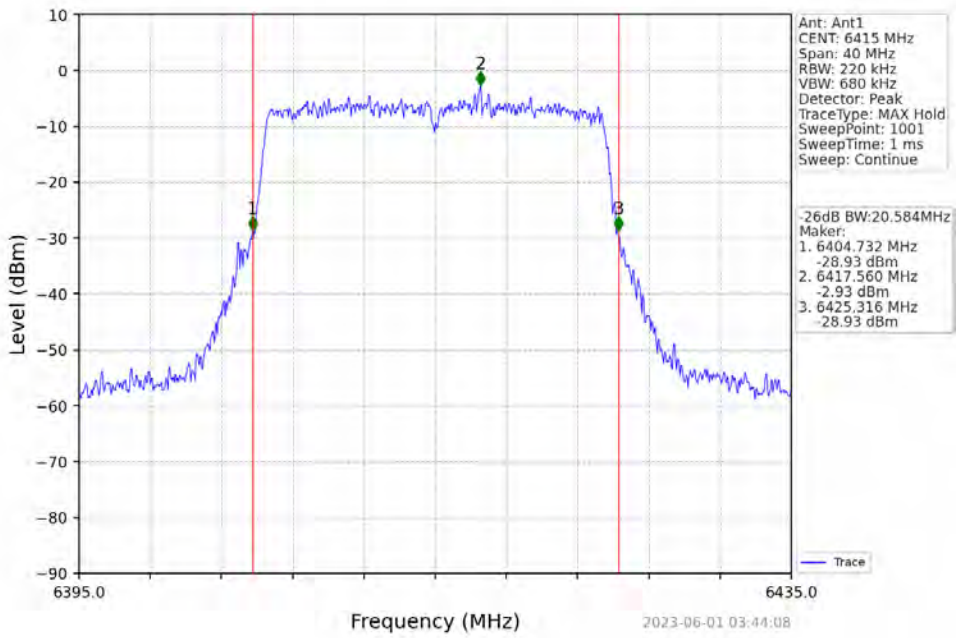
802.11ax(HEW20)_MCH_6175MHz_SU_Ant1_NTNV



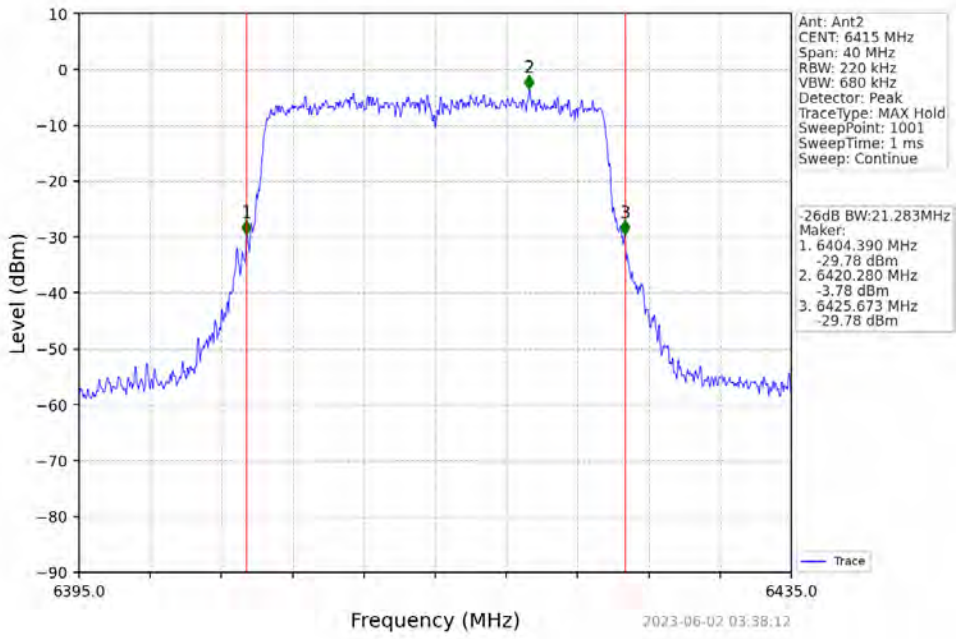
802.11ax(HEW20)_MCH_6175MHz_SU_Ant2_NTNV



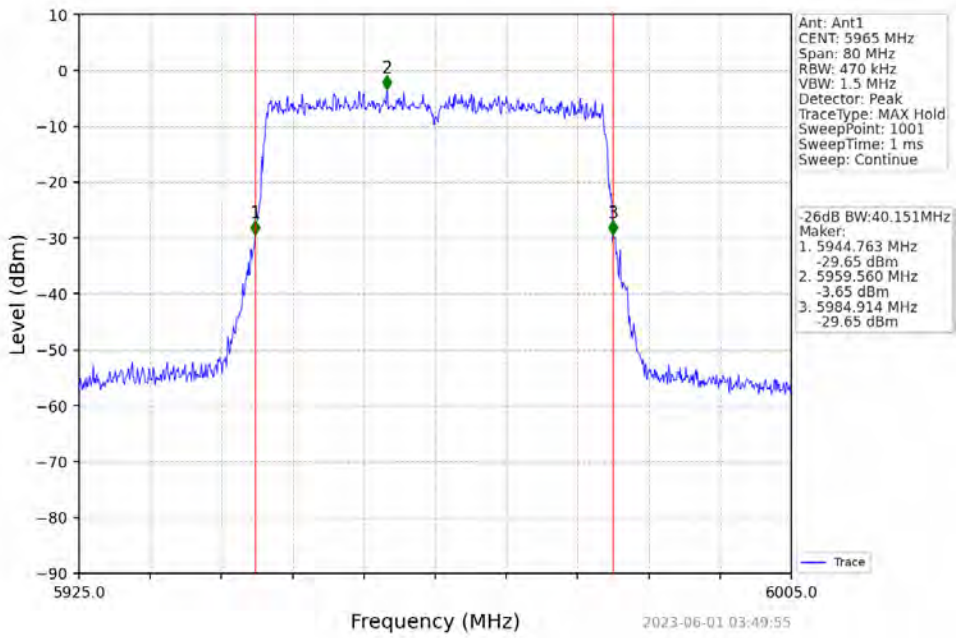
802.11ax(HEW20)_HCH_6415MHz_SU_Ant1_NTNV



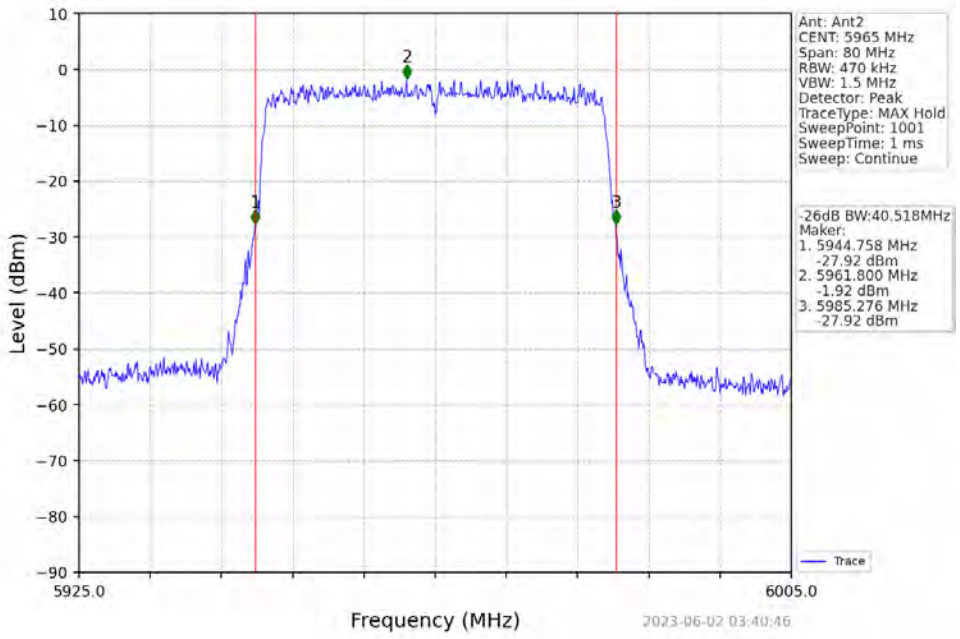
802.11ax(HEW20)_HCH_6415MHz_SU_Ant2_NTNV



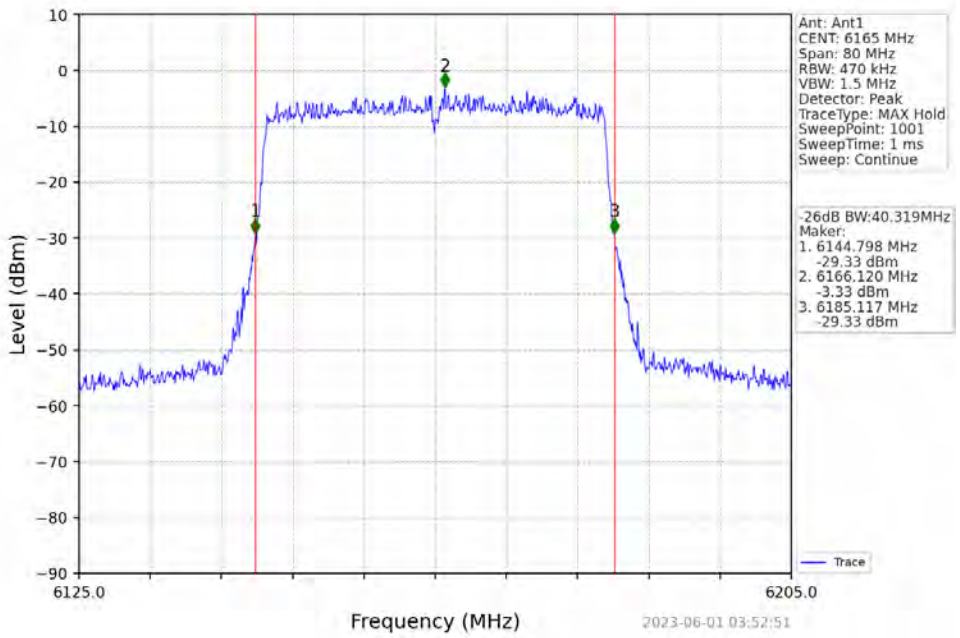
802.11ax(HEW40)_LCH_5965MHz_SU_Ant1_NTNV



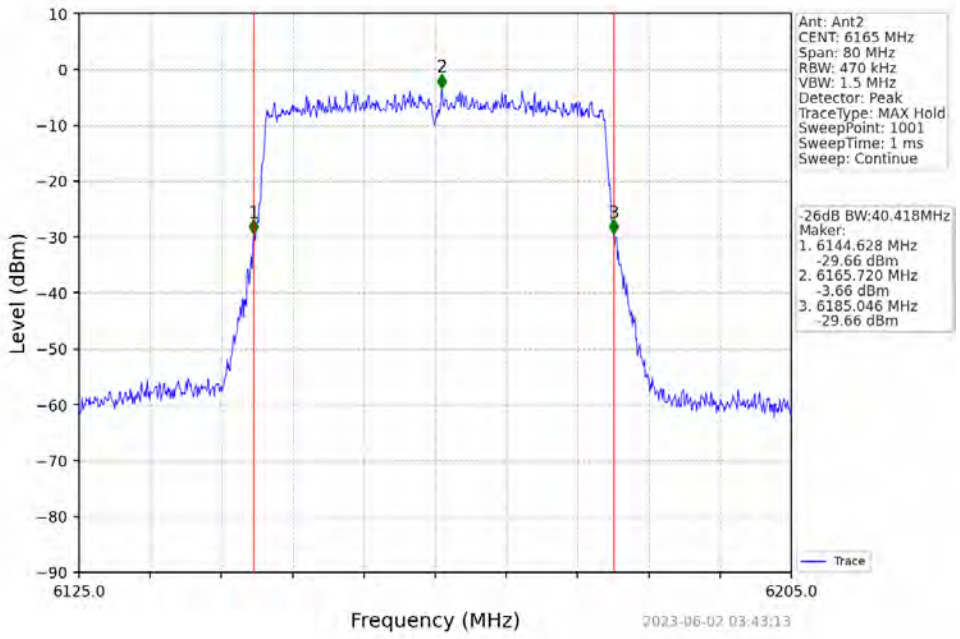
802.11ax(HEW40)_LCH_5965MHz_SU_Ant2_NTNV



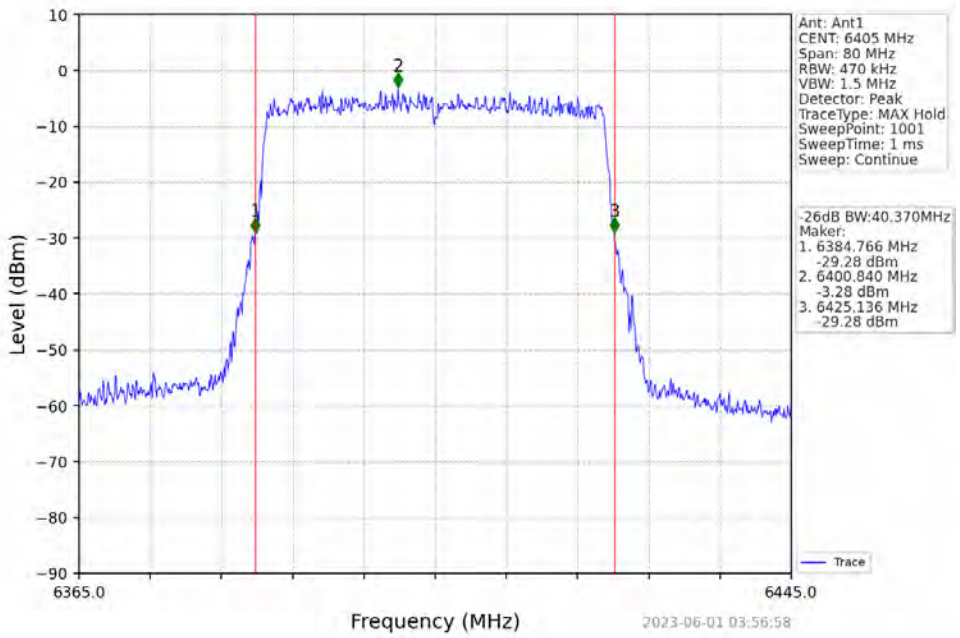
802.11ax(HEW40)_MCH_6165MHz_SU_Ant1_NTNV



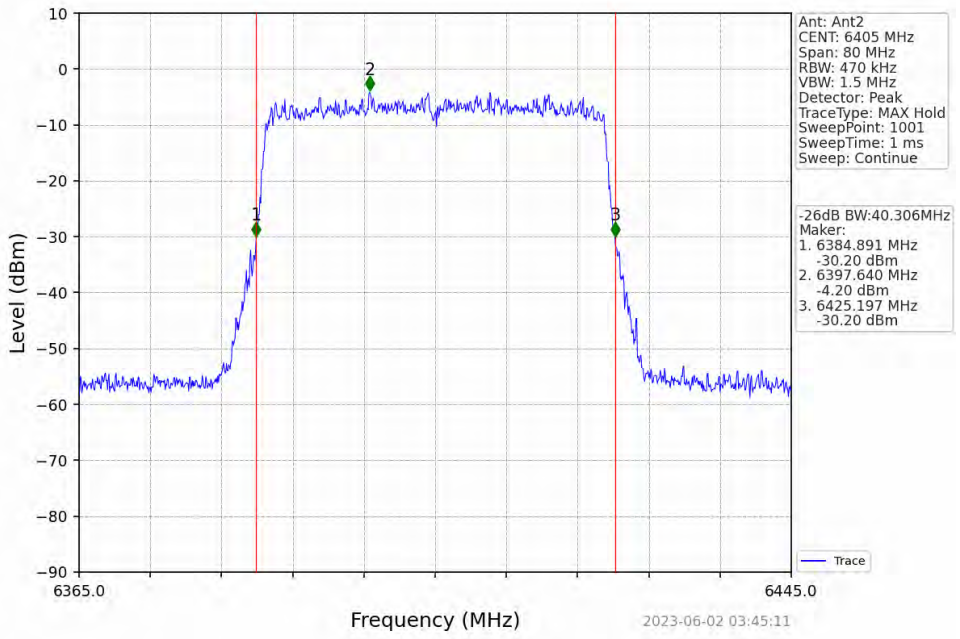
802.11ax(HEW40)_MCH_6165MHz_SU_Ant2_NTNV



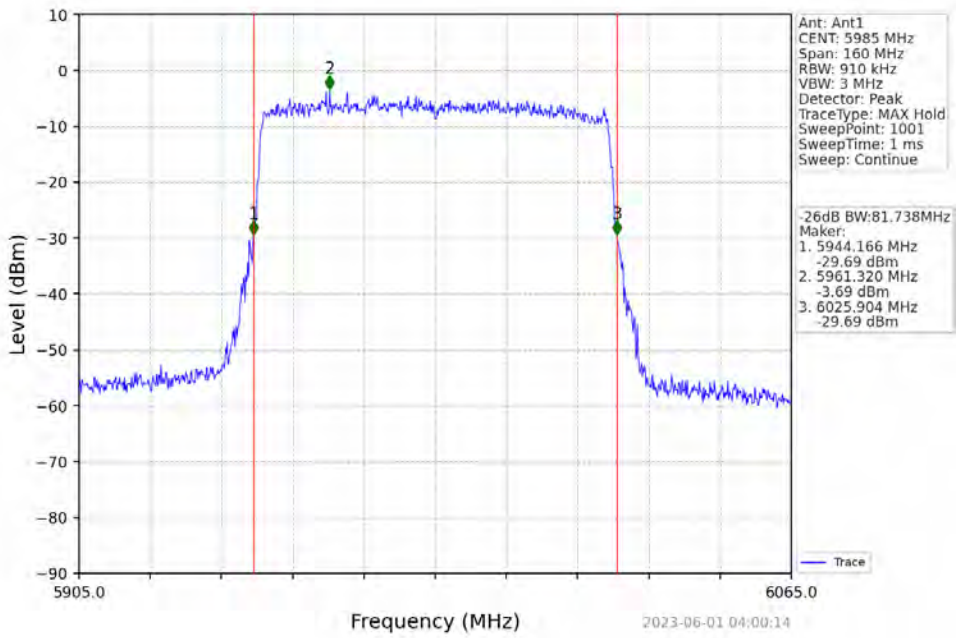
802.11ax(HEW40)_HCH_6405MHz_SU_Ant1_NTNV



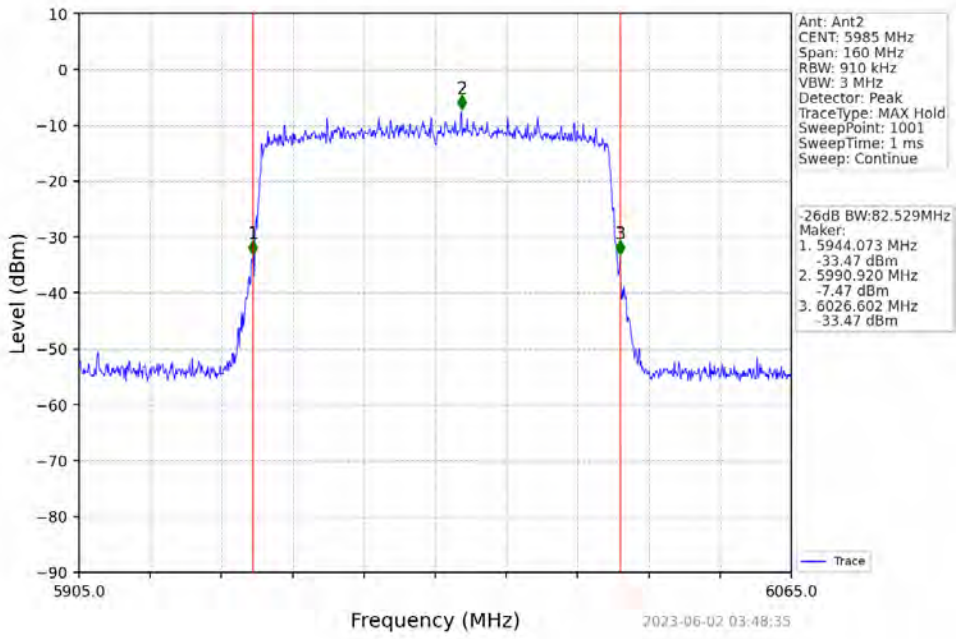
802.11ax(HEW40)_HCH_6405MHz_SU_Ant2_NTNV



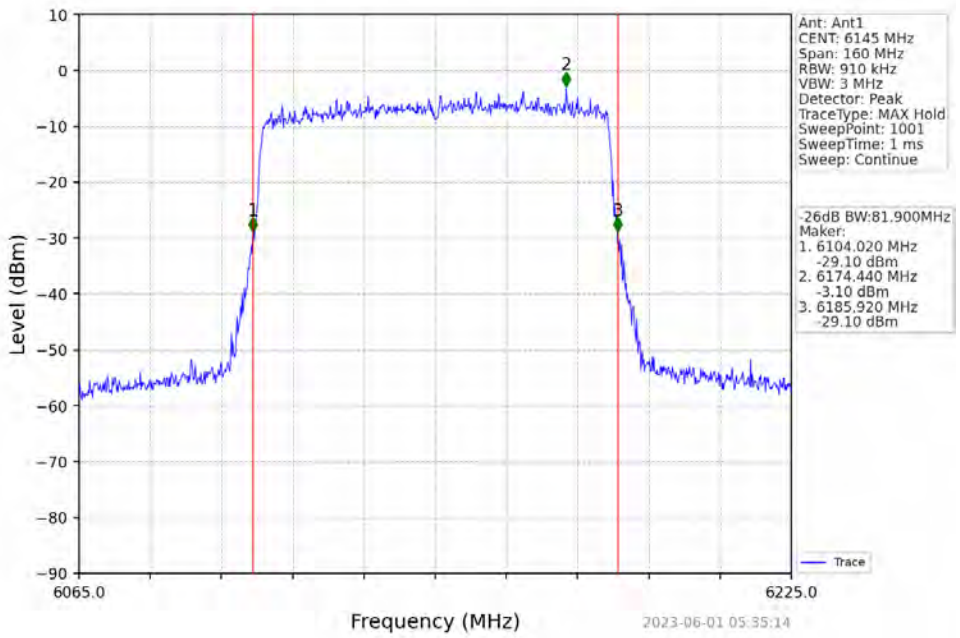
802.11ax(HEW80)_LCH_5985MHz_SU_Ant1_NTNV



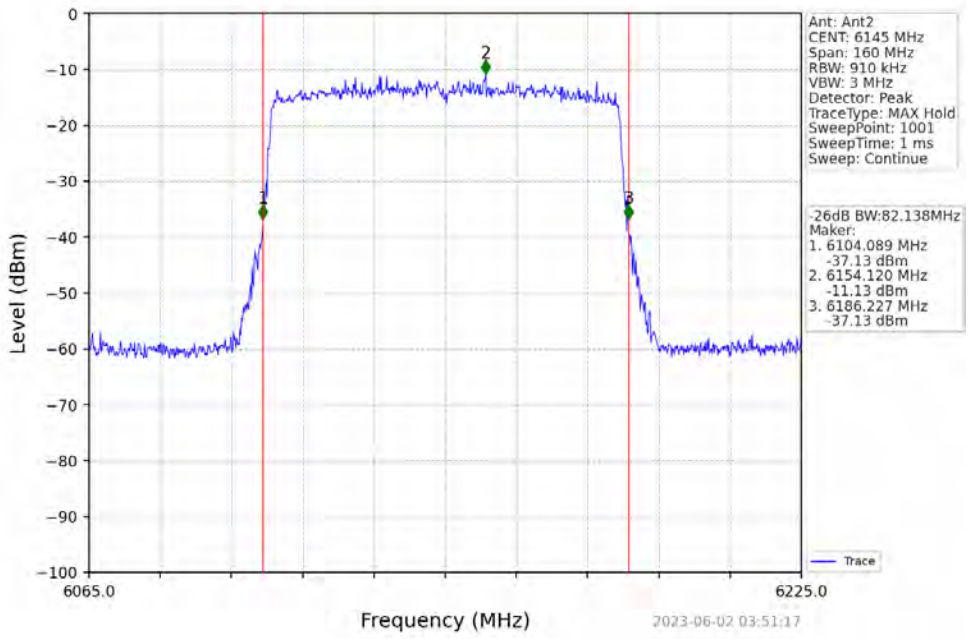
802.11ax(HEW80)_LCH_5985MHz_SU_Ant2_NTNV



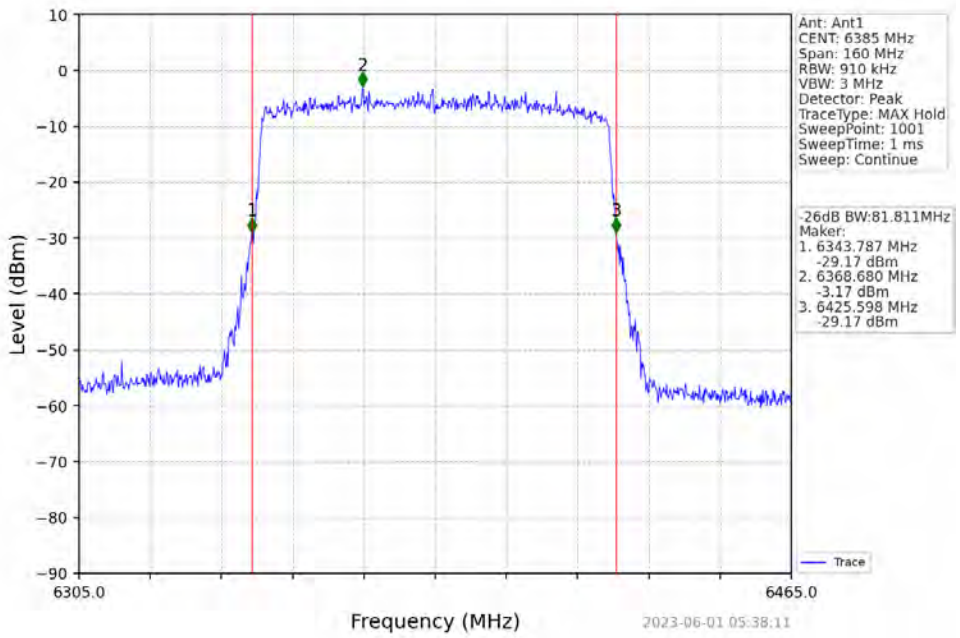
802.11ax(HEW80)_MCH_6145MHz_SU_Ant1_NTNV



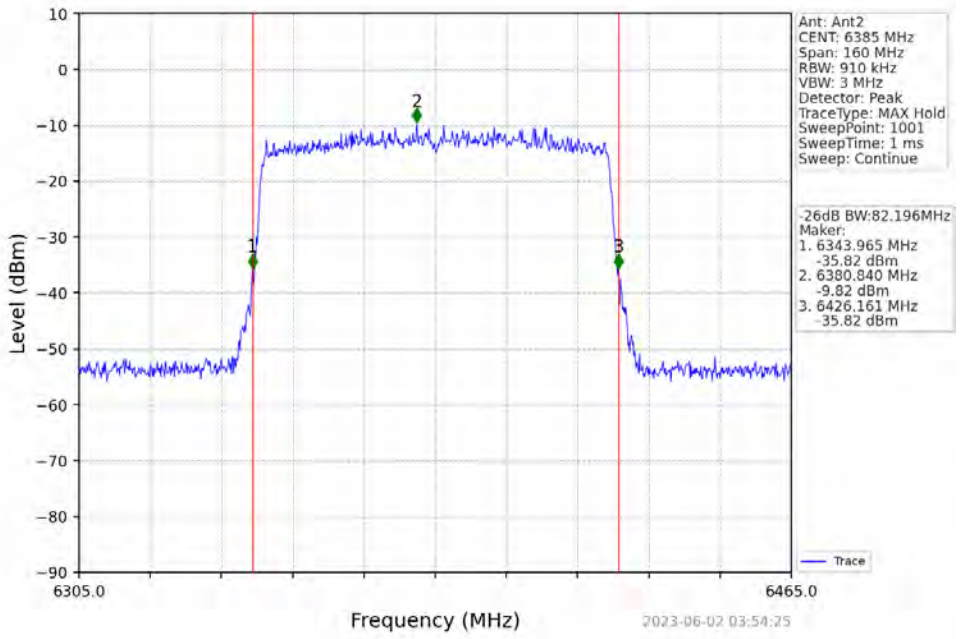
802.11ax(HEW80)_MCH_6145MHz_SU_Ant2_NTNV



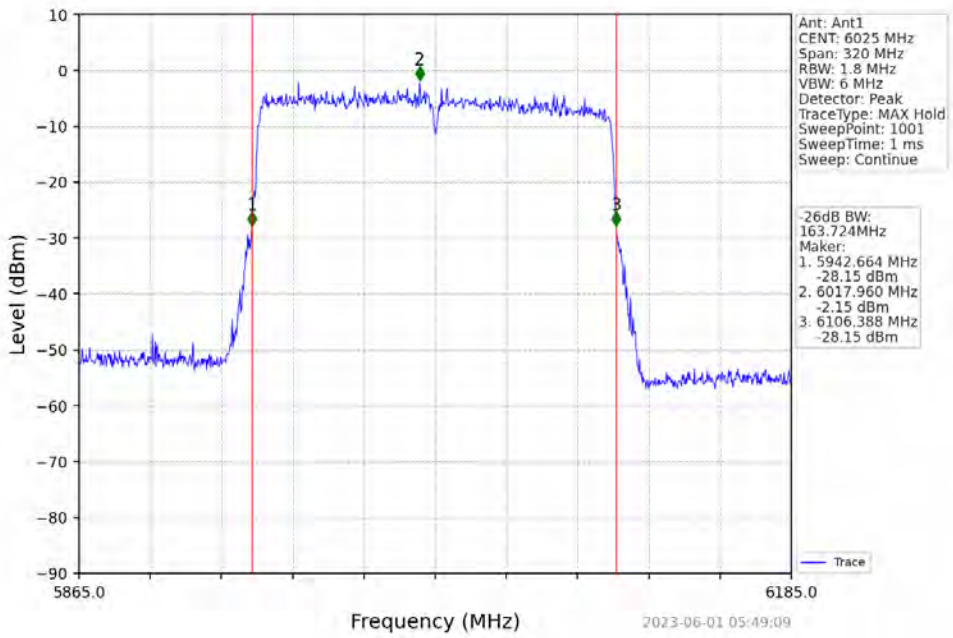
802.11ax(HEW80)_HCH_6385MHz_SU_Ant1_NTNV



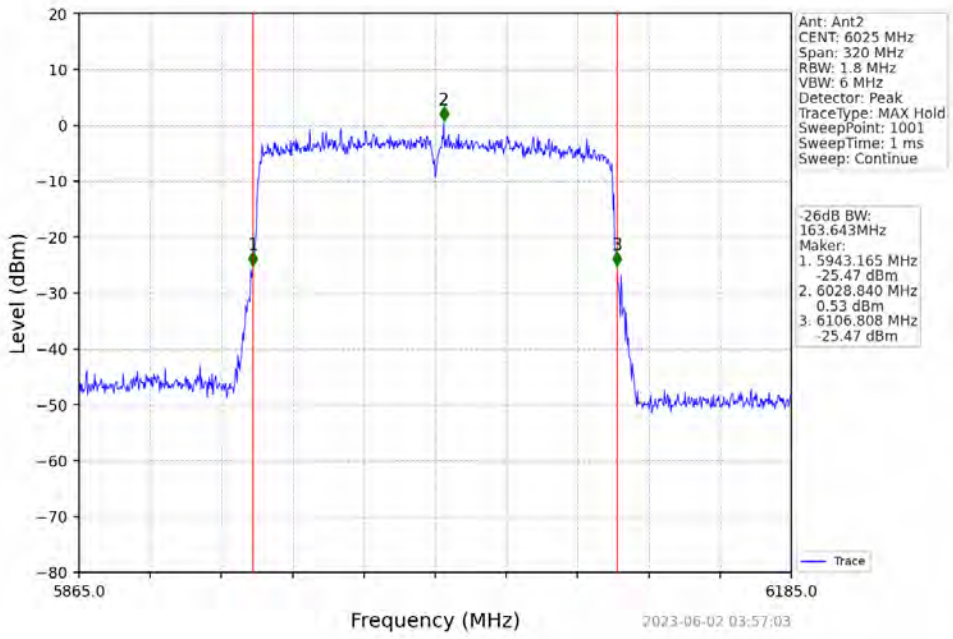
802.11ax(HEW80)_HCH_6385MHz_SU_Ant2_NTNV



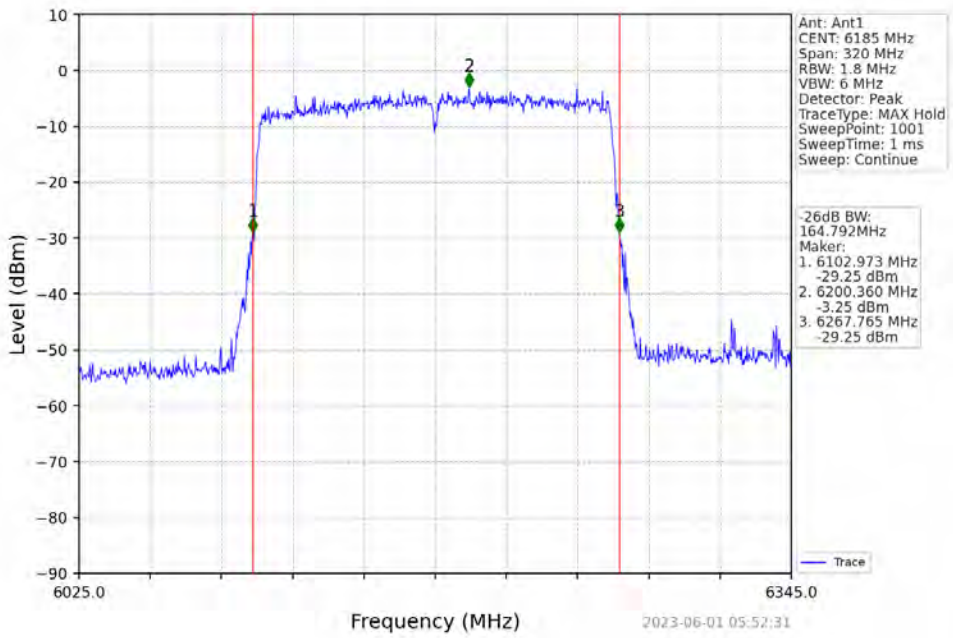
802.11ax(HEW160)_LCH_6025MHz_SU_Ant1_NTNV



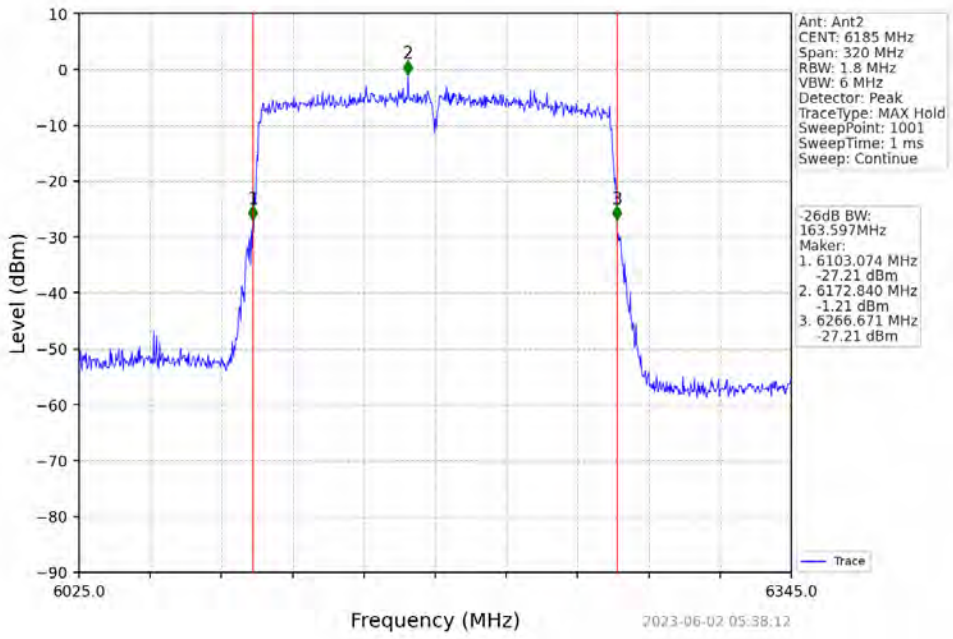
802.11ax(HEW160)_LCH_6025MHz_SU_Ant2_NTNV



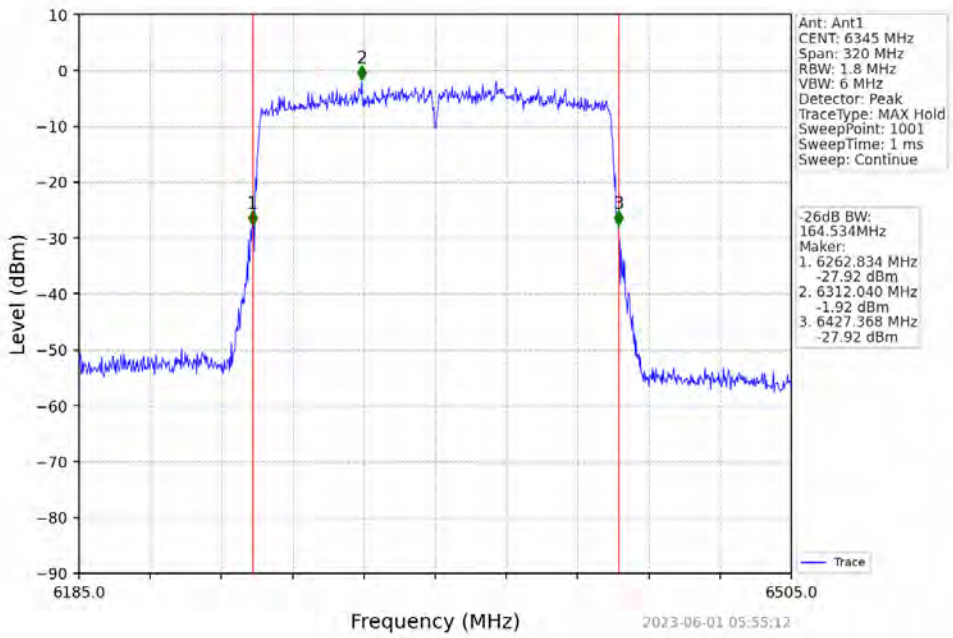
802.11ax(HEW160)_MCH_6185MHz_SU_Ant1_NTNV



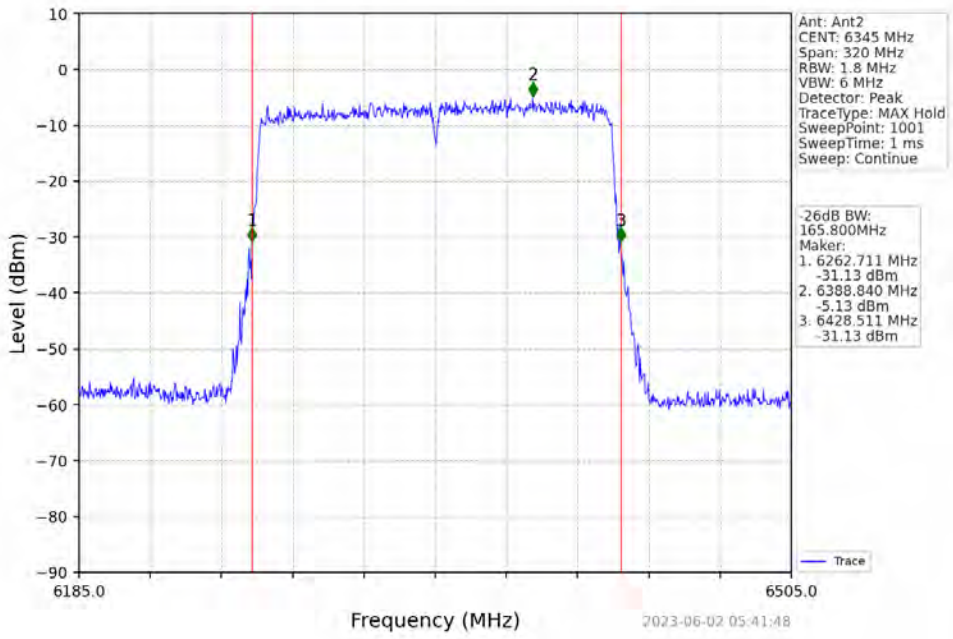
802.11ax(HEW160)_MCH_6185MHz_SU_Ant2_NTNV



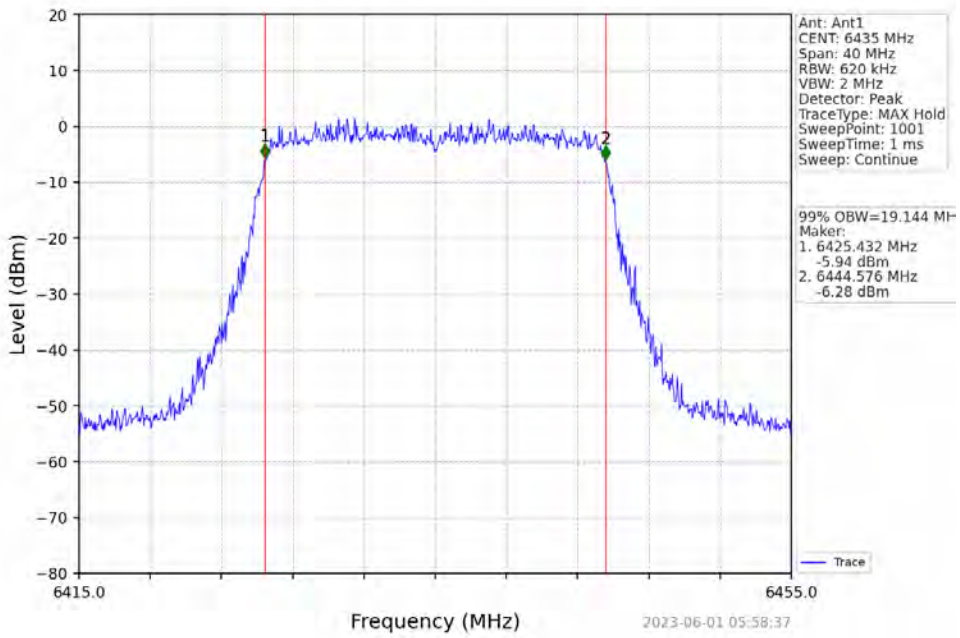
802.11ax(HEW160)_HCH_6345MHz_SU_Ant1_NTNV



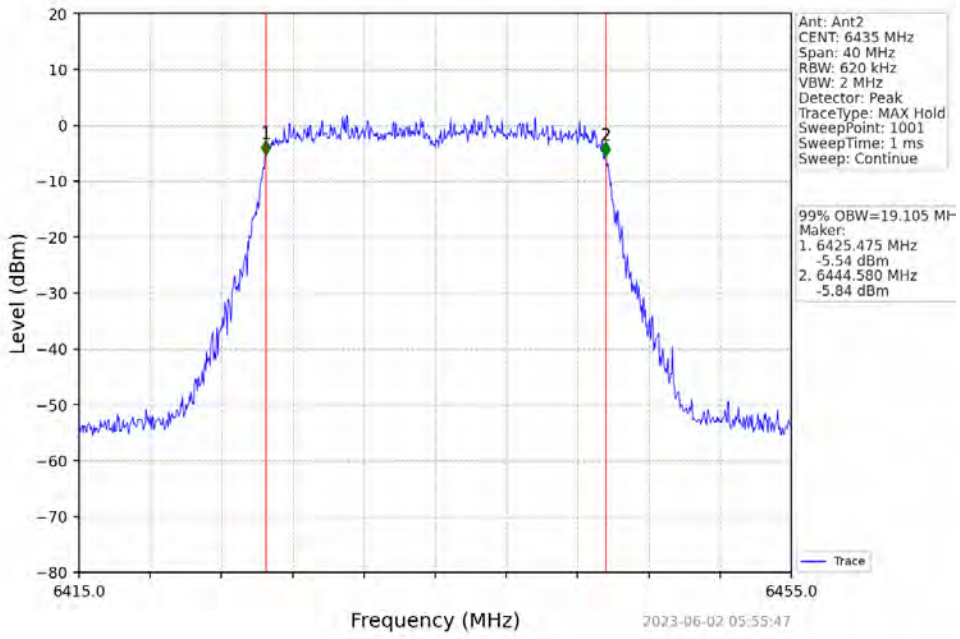
802.11ax(HEW160)_HCH_6345MHz_SU_Ant2_NTNV



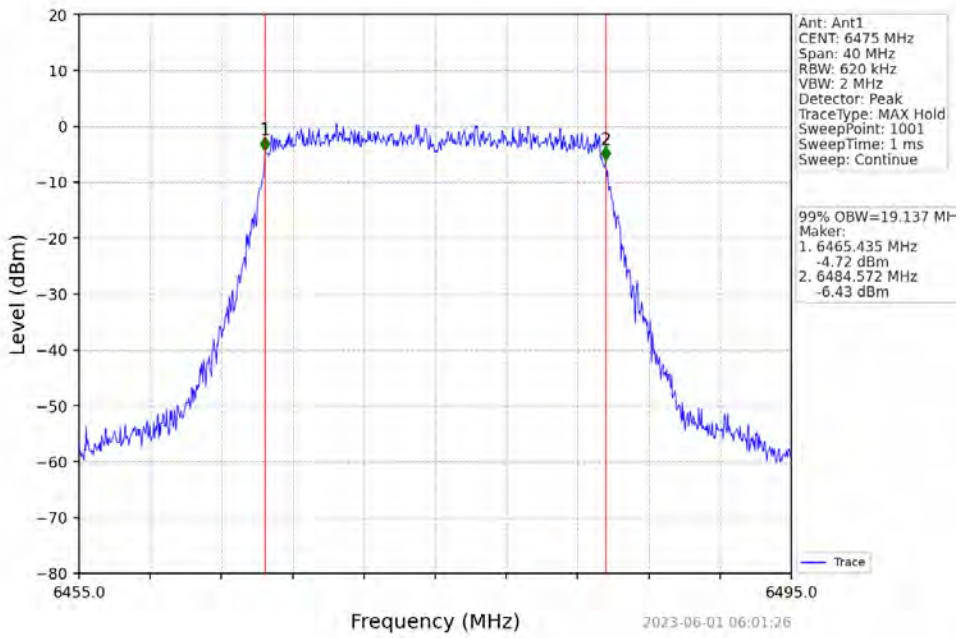
802.11ax(HEW20)_LCH_6435MHz_SU_Ant1_NTNV



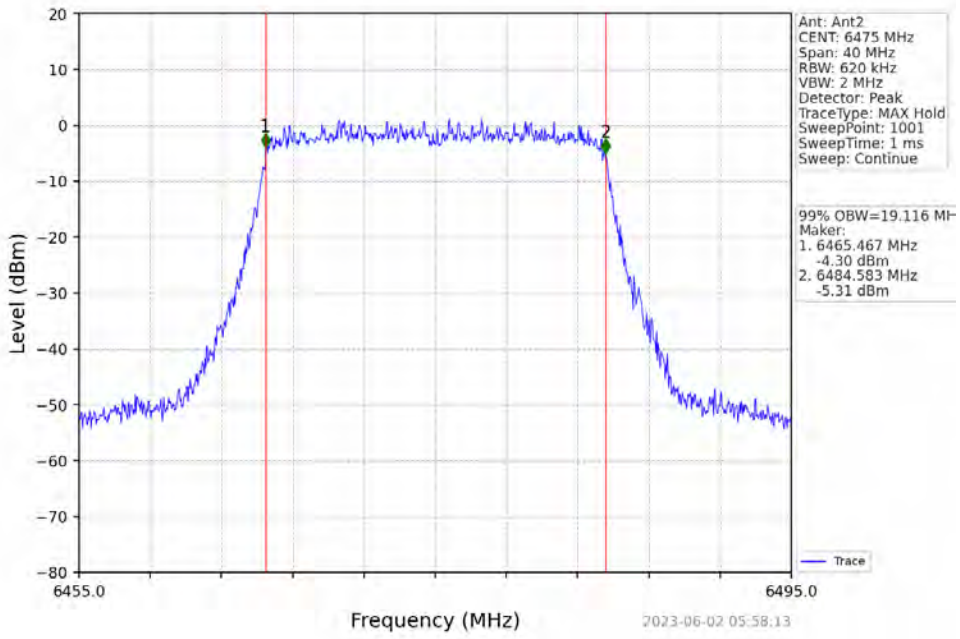
802.11ax(HEW20)_LCH_6435MHz_SU_Ant2_NTNV



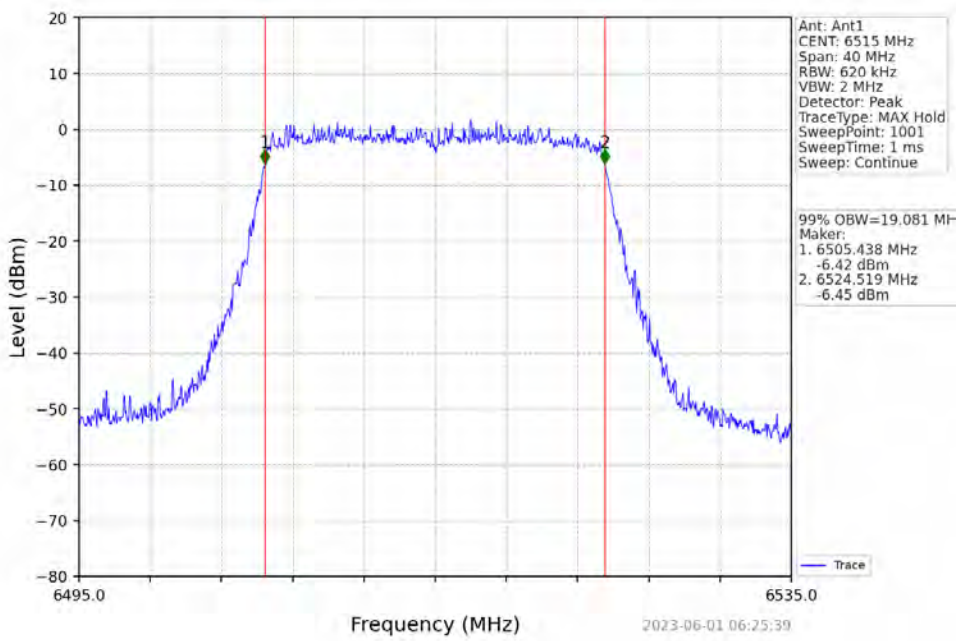
802.11ax(HEW20)_MCH_6475MHz_SU_Ant1_NTNV



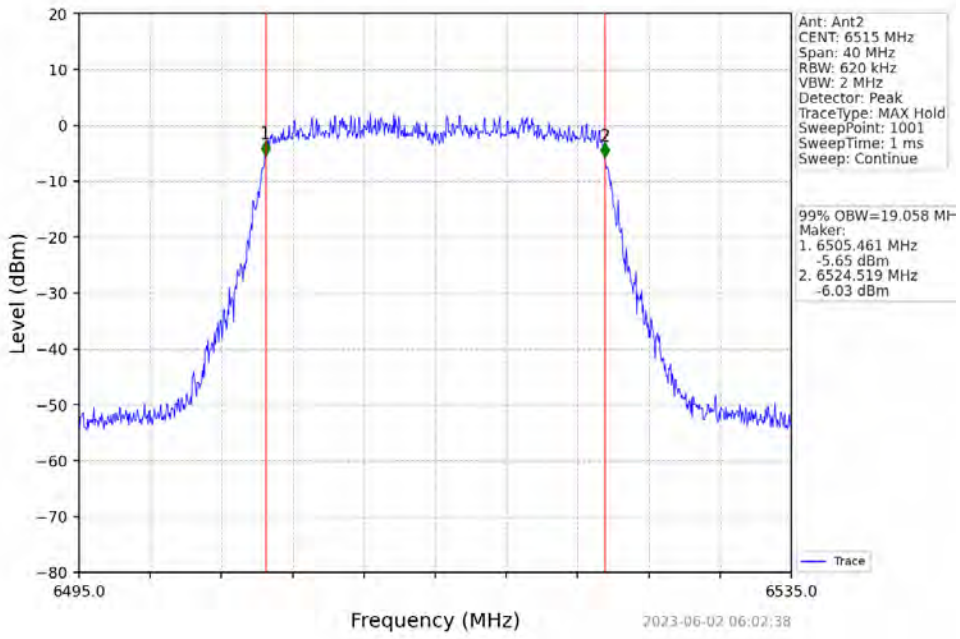
802.11ax(HEW20)_MCH_6475MHz_SU_Ant2_NTNV



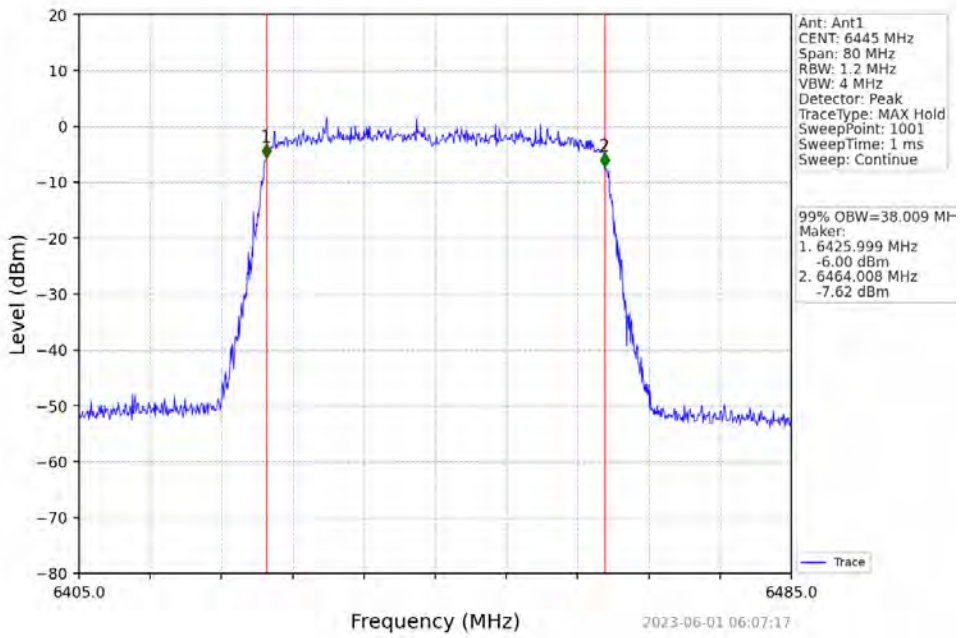
802.11ax(HEW20)_HCH_6515MHz_SU_Ant1_NTNV



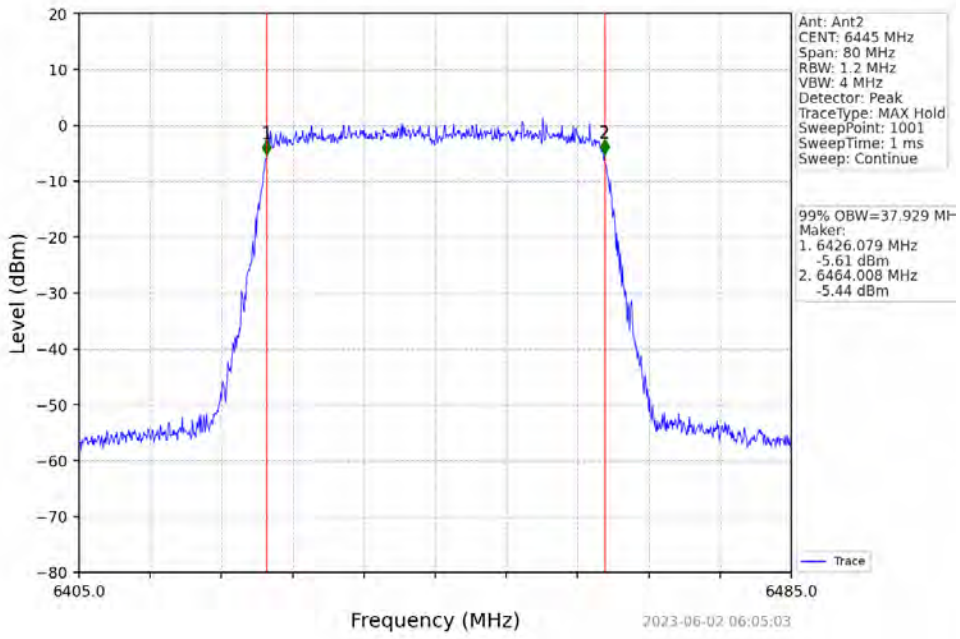
802.11ax(HEW20)_HCH_6515MHz_SU_Ant2_NTNV



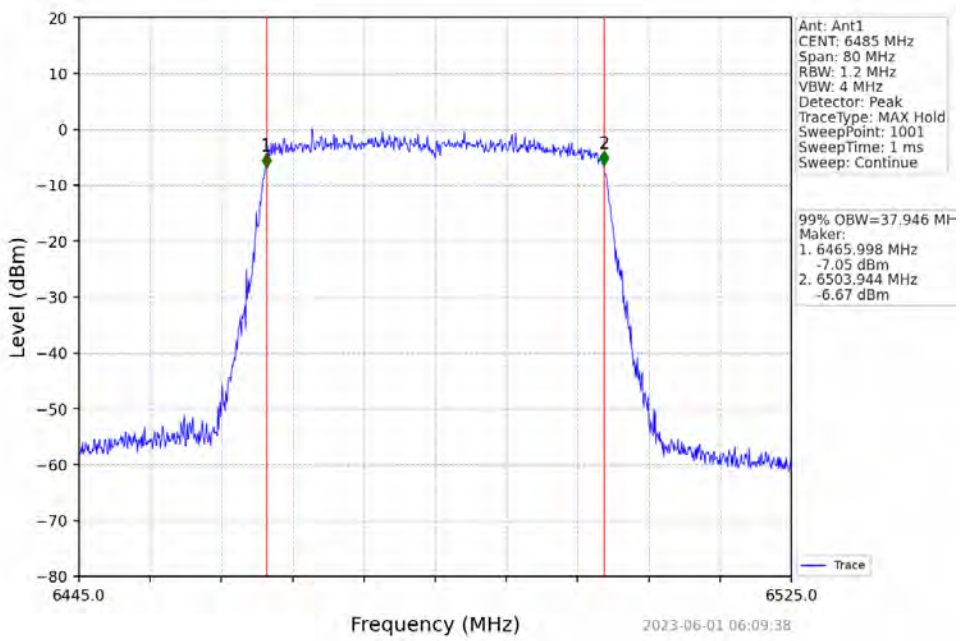
802.11ax(HEW40)_LCH_6445MHz_SU_Ant1_NTNV



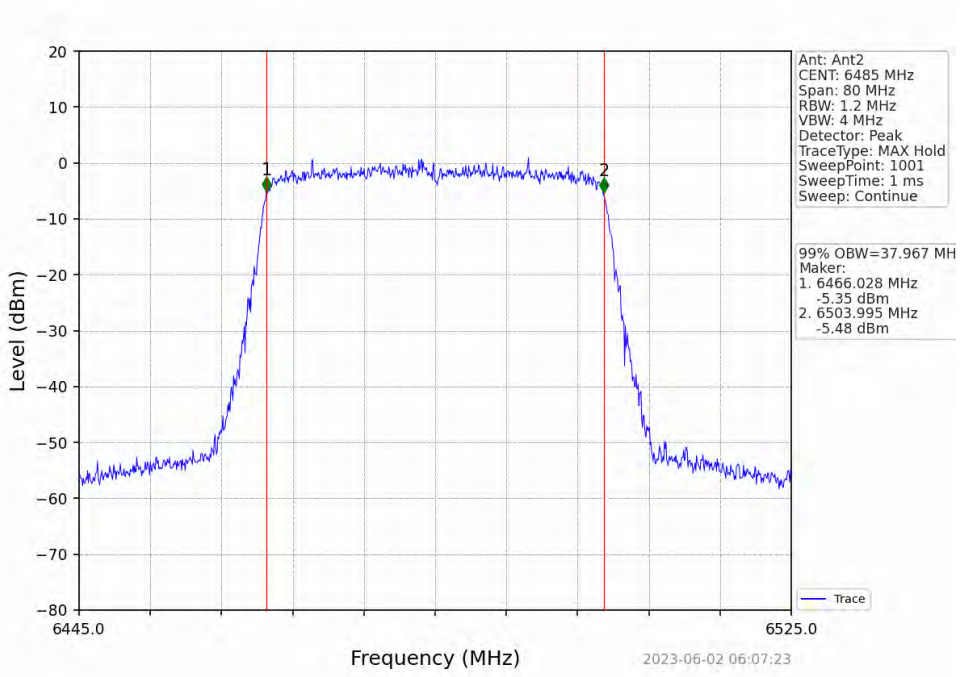
802.11ax(HEW40)_LCH_6445MHz_SU_Ant2_NTNV



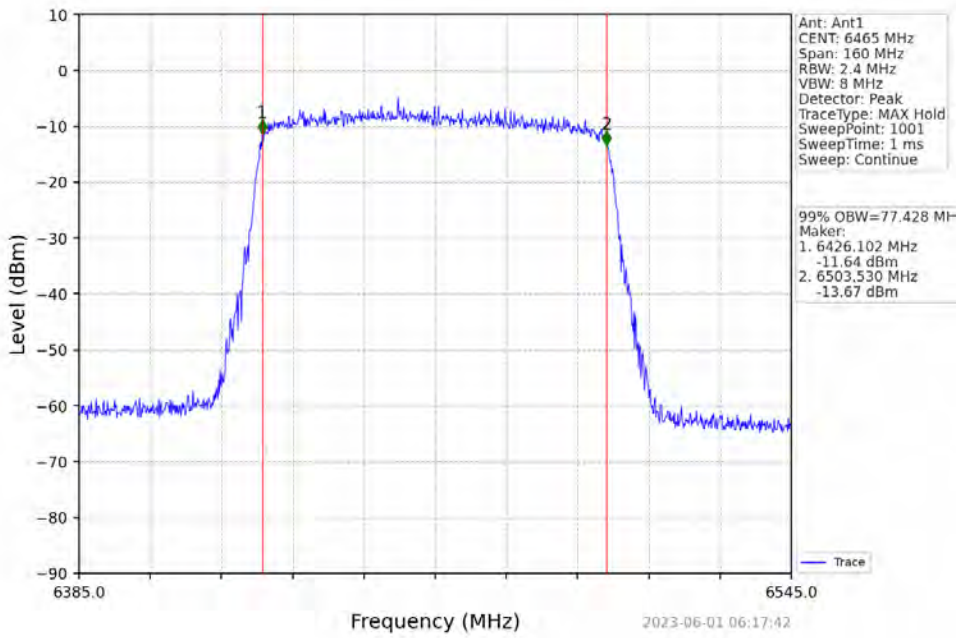
802.11ax(HEW40)_MCH_6485MHz_SU_Ant1_NTNV



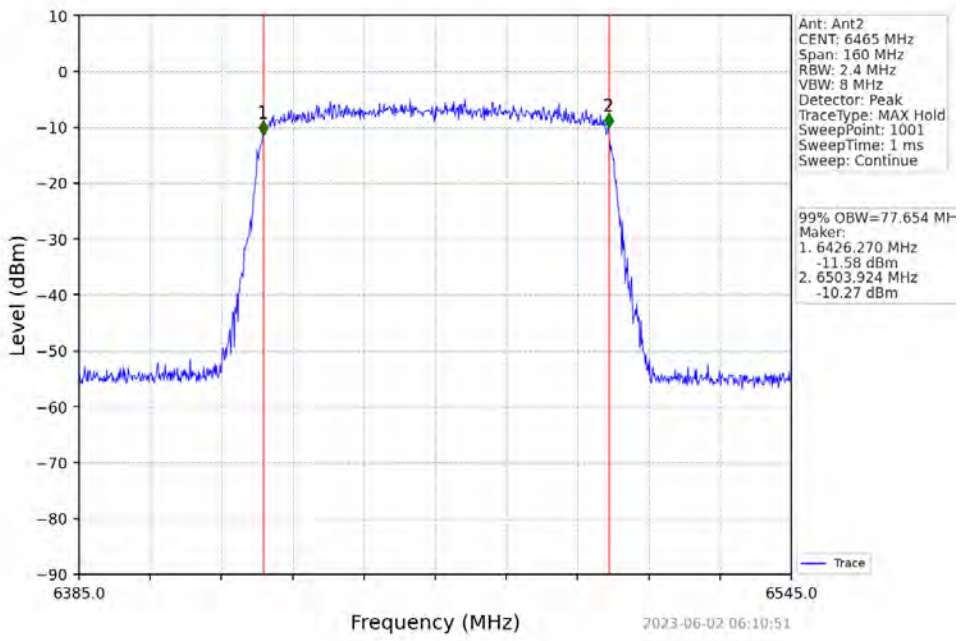
802.11ax(HEW40)_MCH_6485MHz_SU_Ant2_NTNV



802.11ax(HEW80)_LCH_6465MHz_SU_Ant1_NTNV



802.11ax(HEW80)_LCH_6465MHz_SU_Ant2_NTNV



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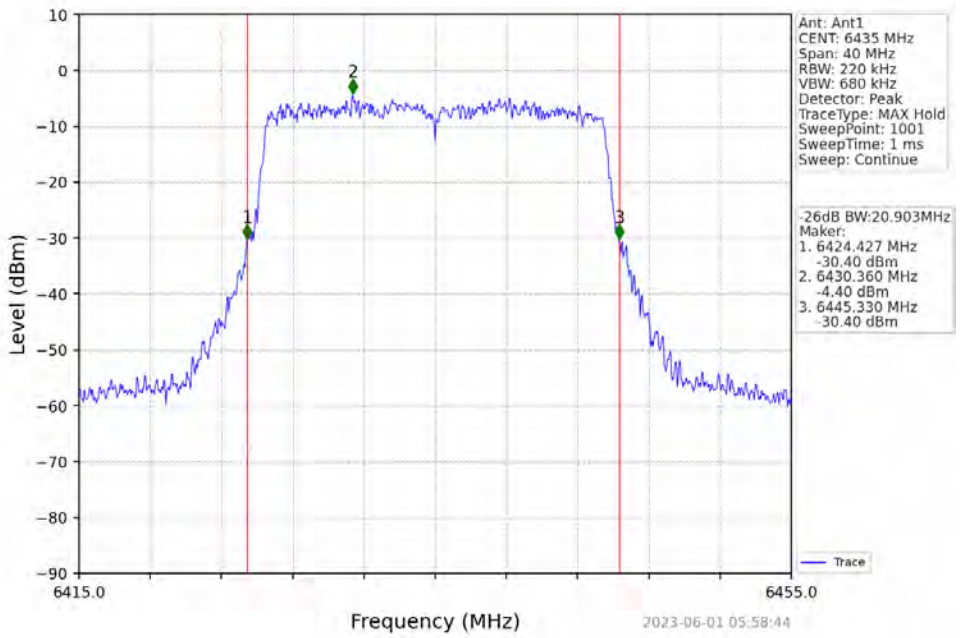

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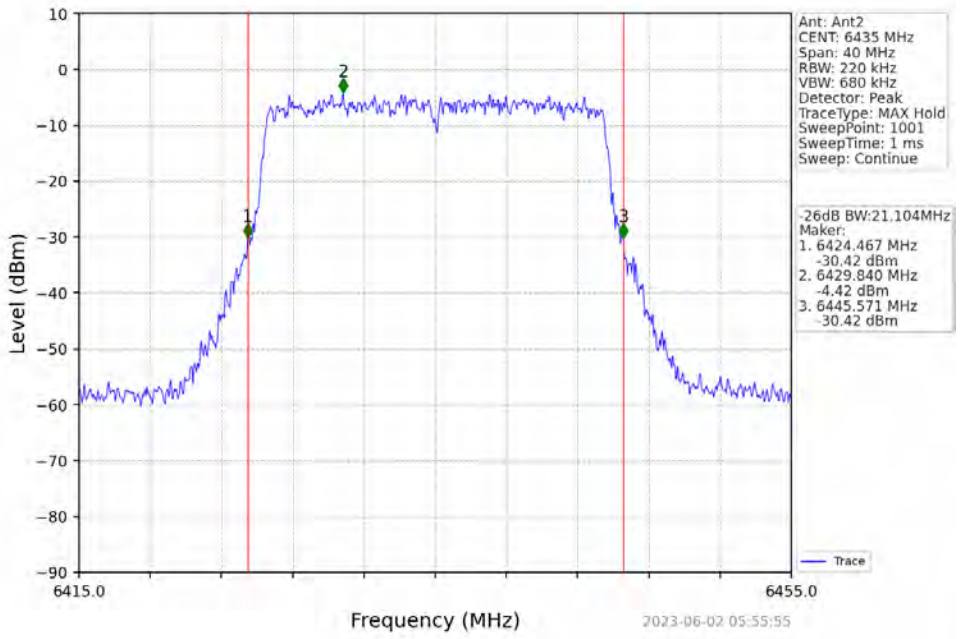

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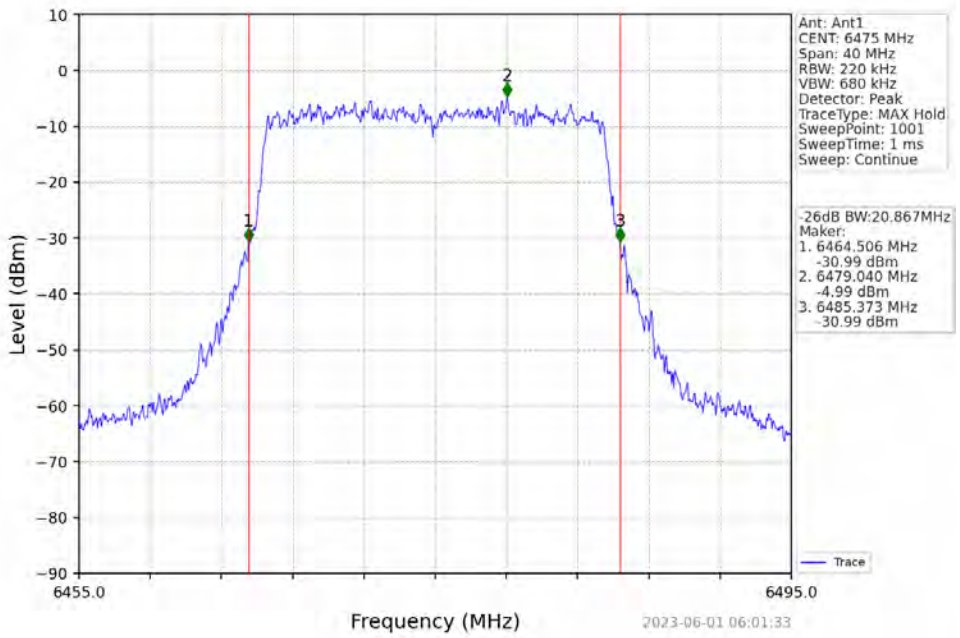

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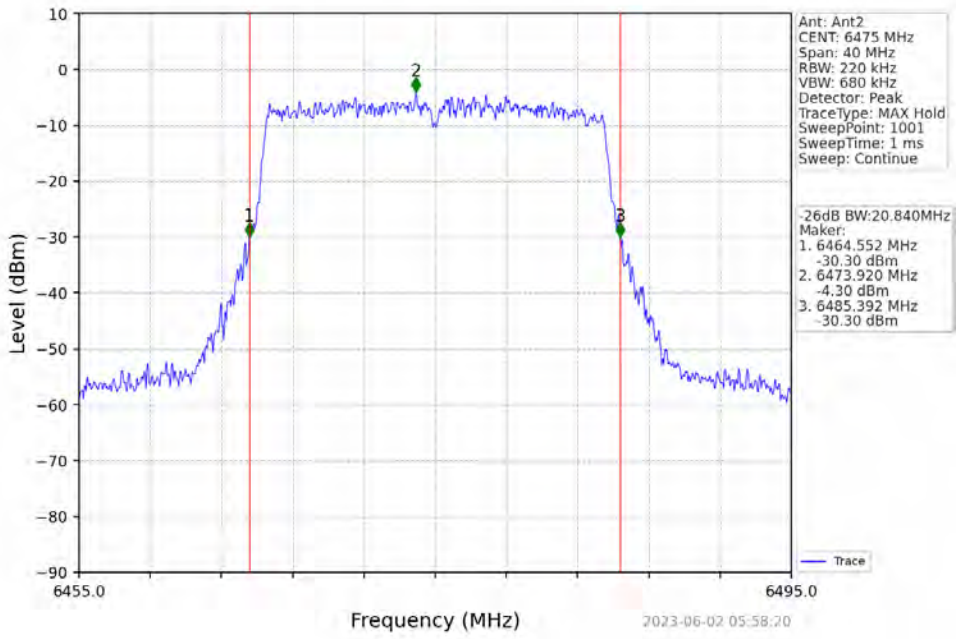

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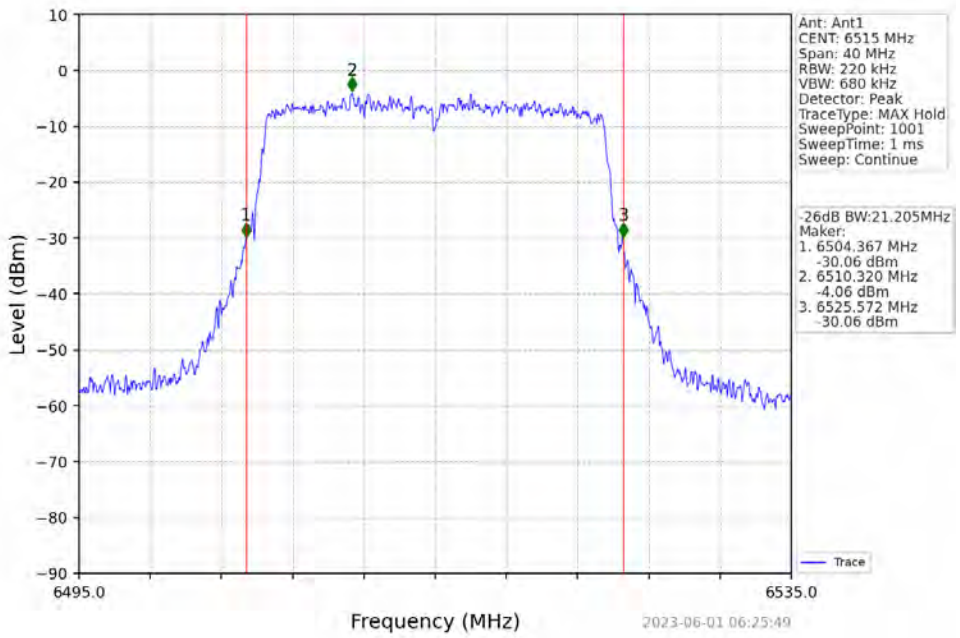

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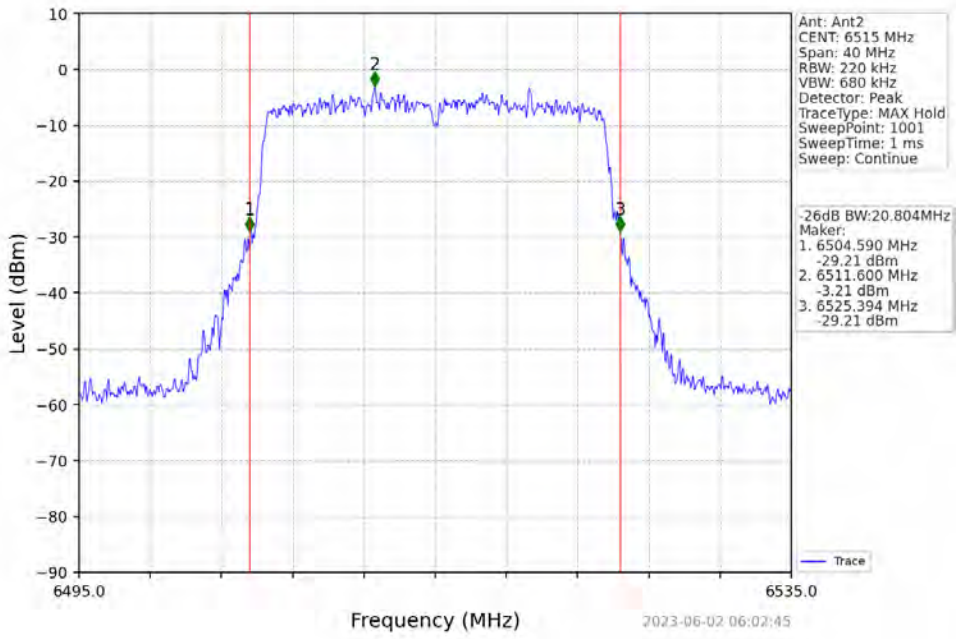

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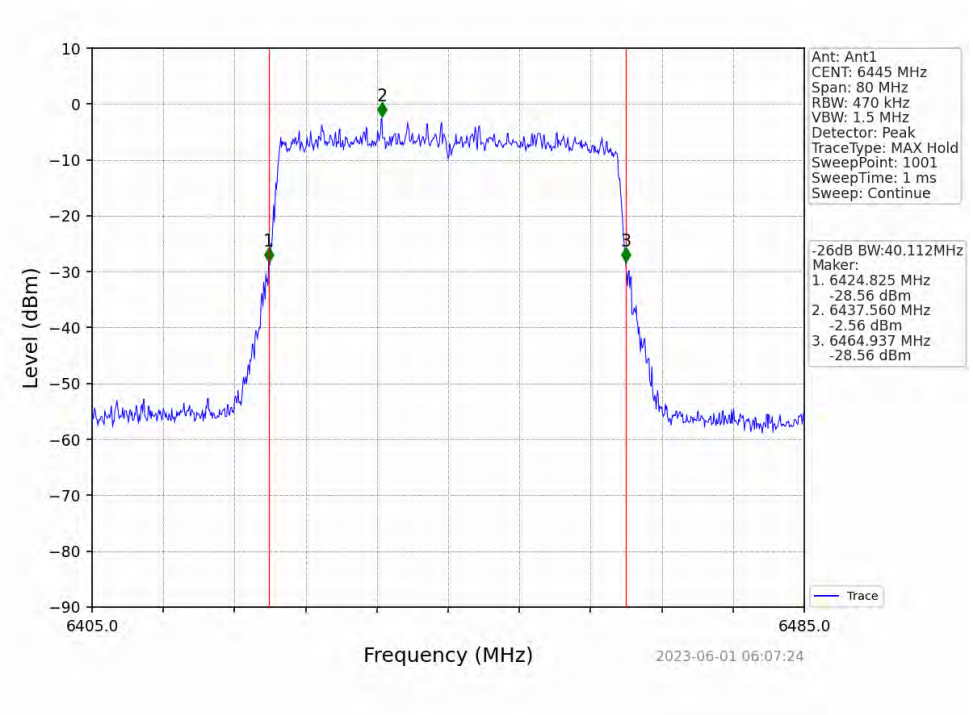

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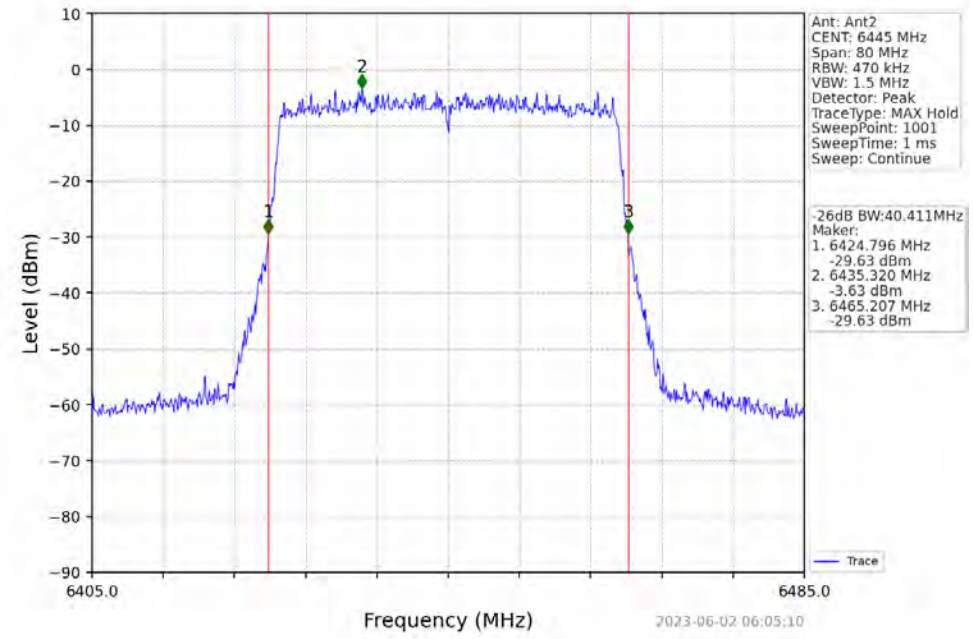

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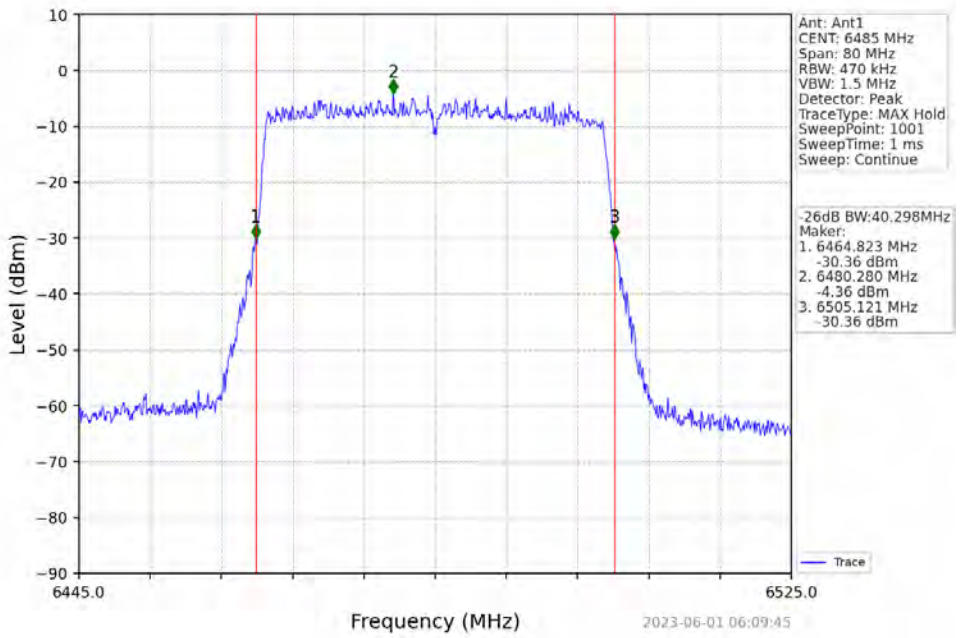

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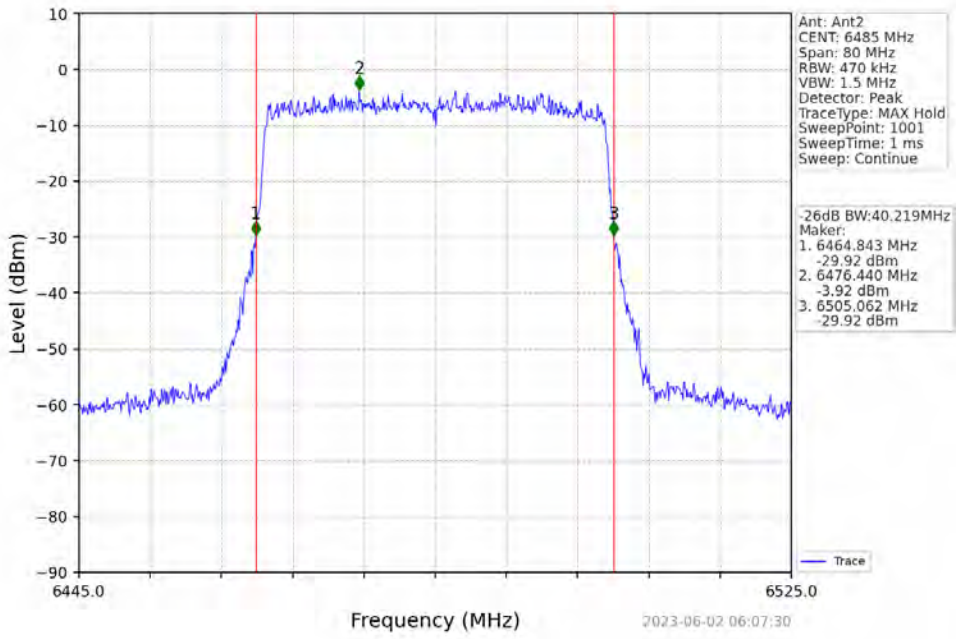

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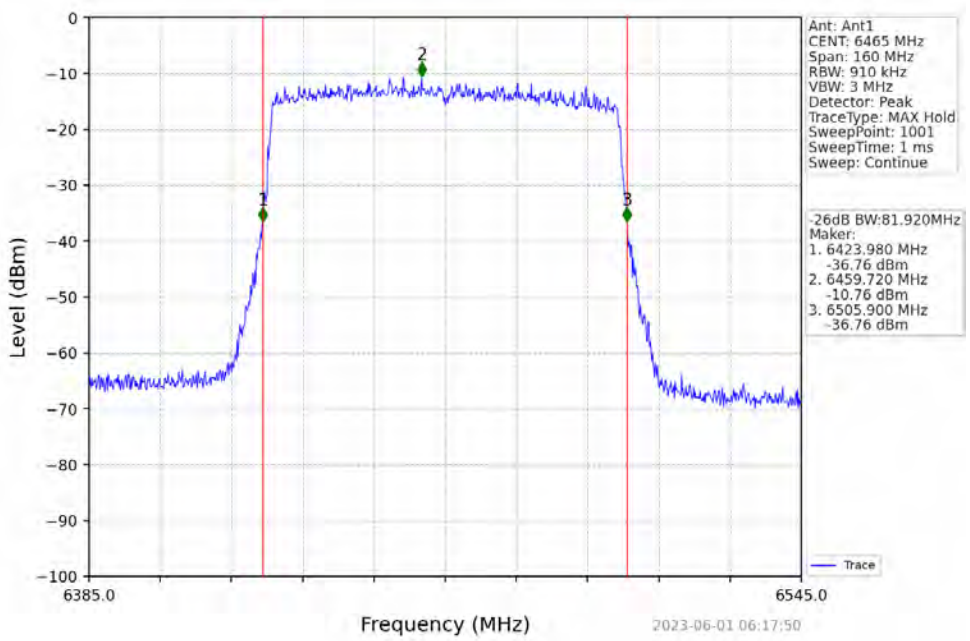

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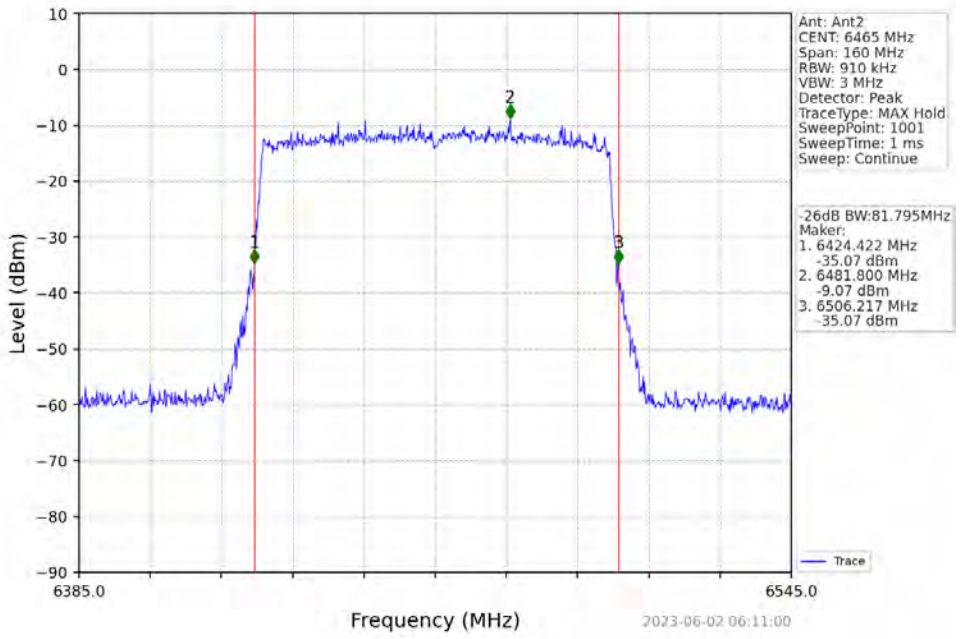

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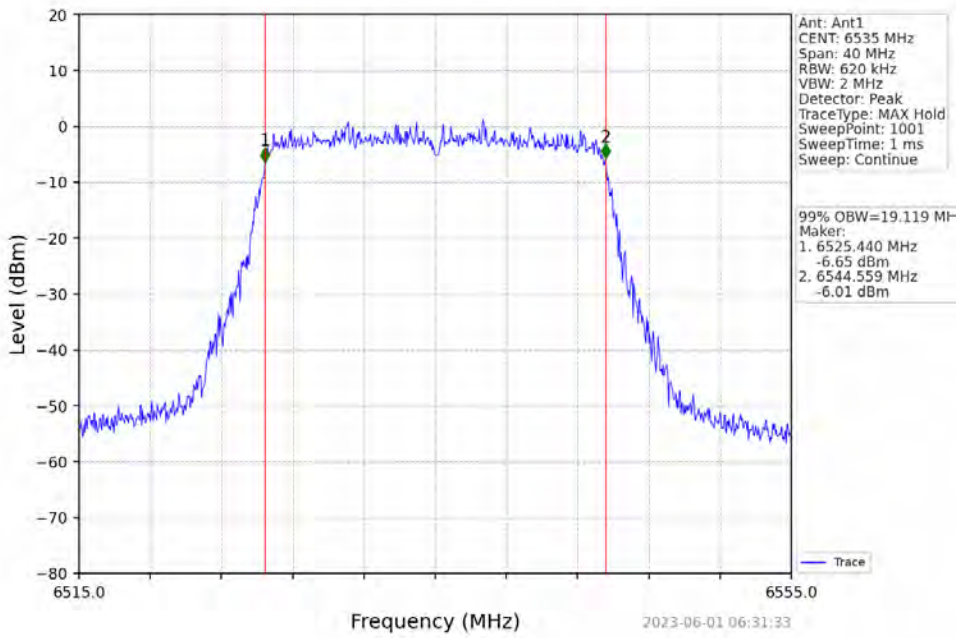

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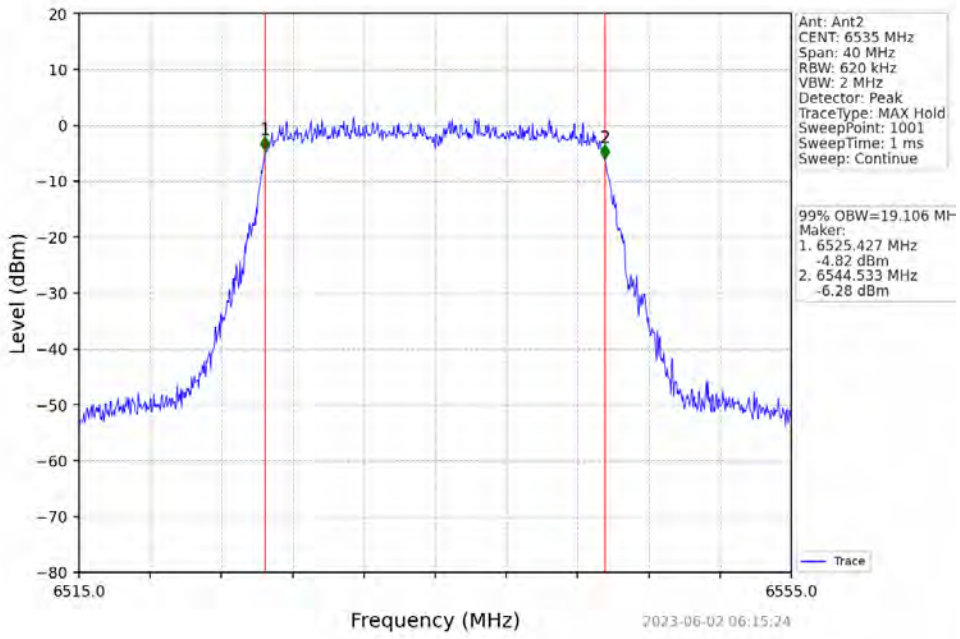

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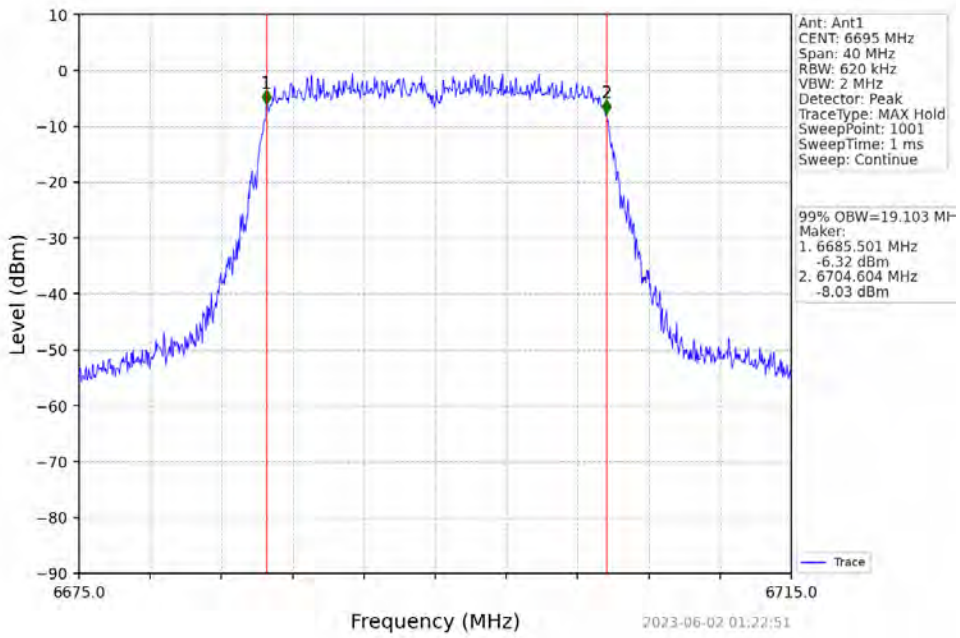

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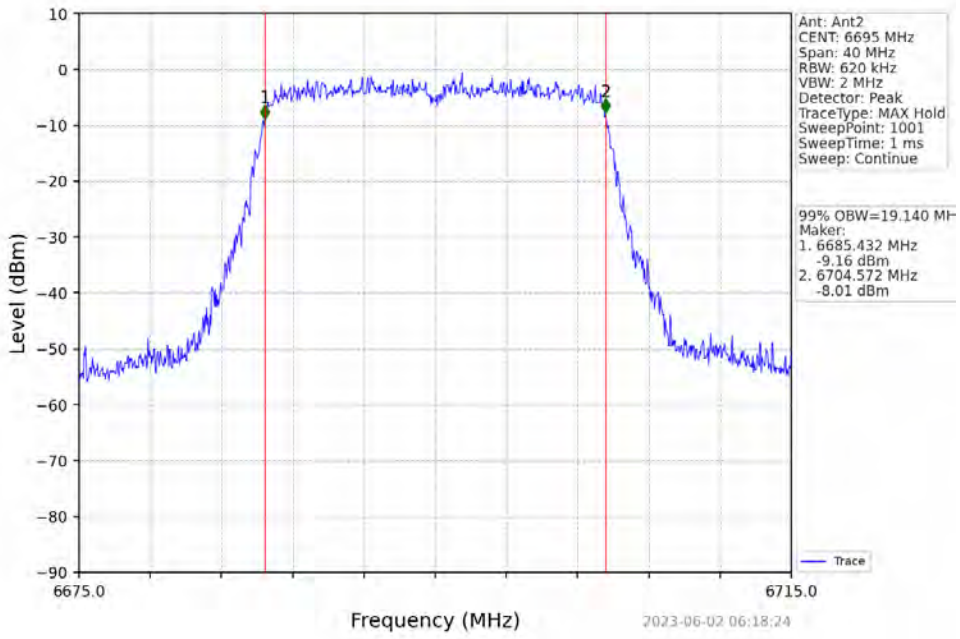

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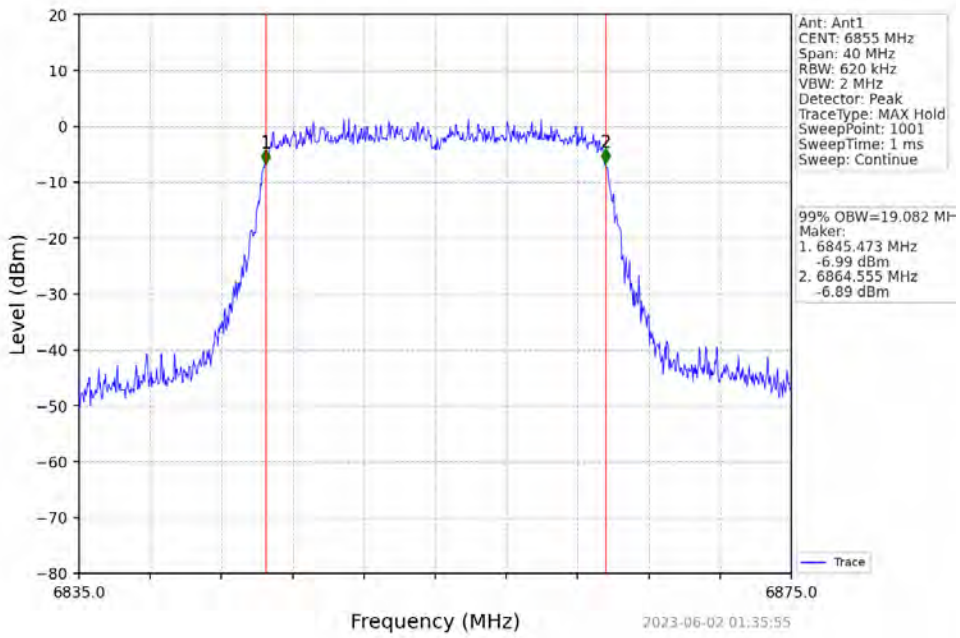

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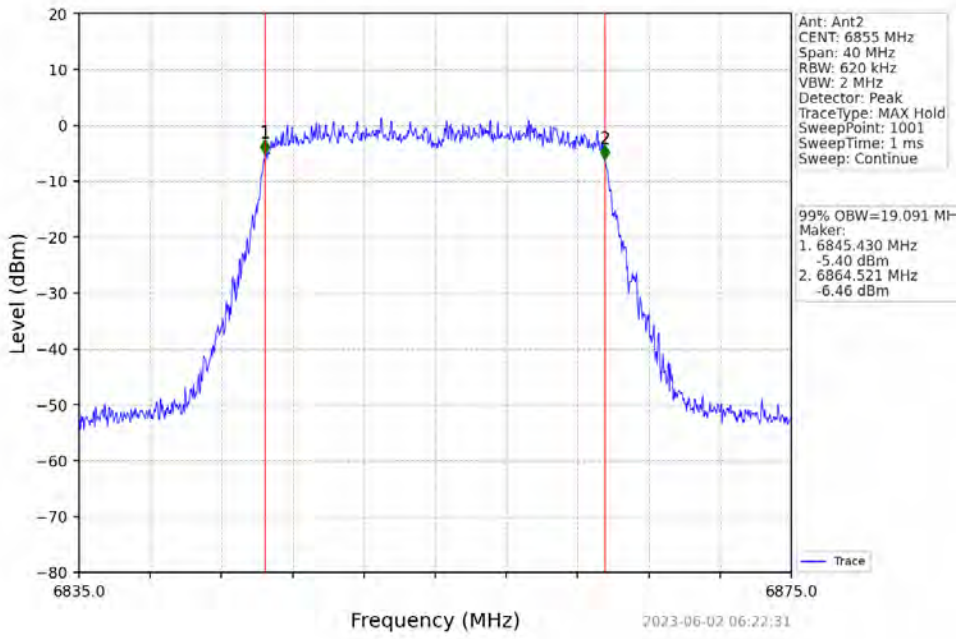

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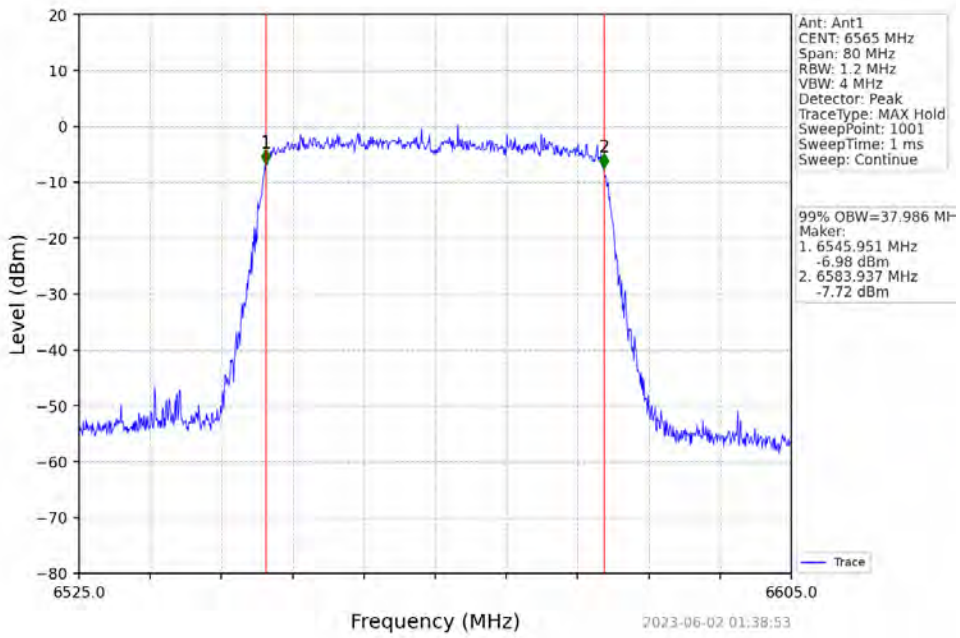

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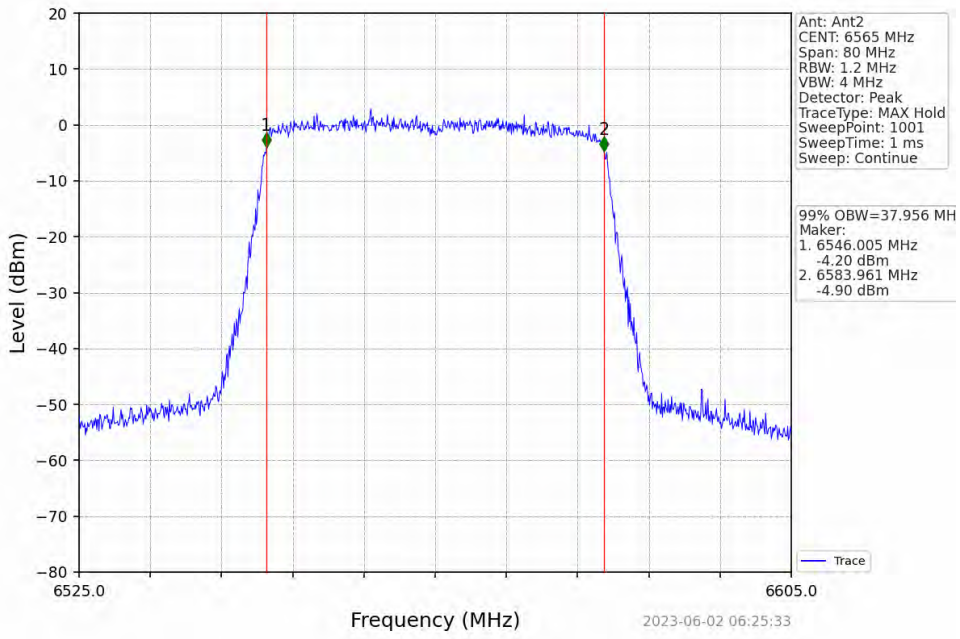

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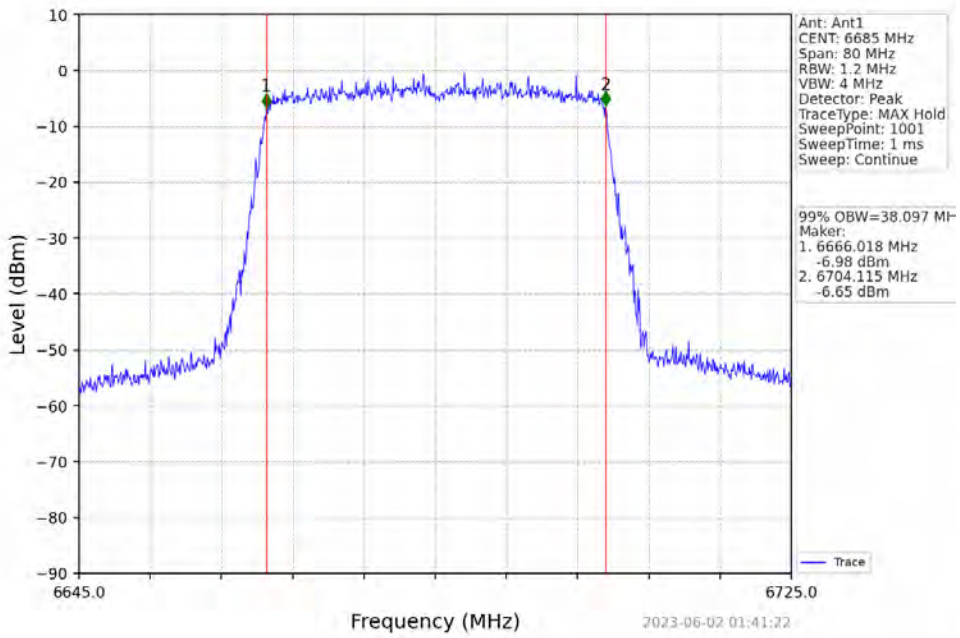

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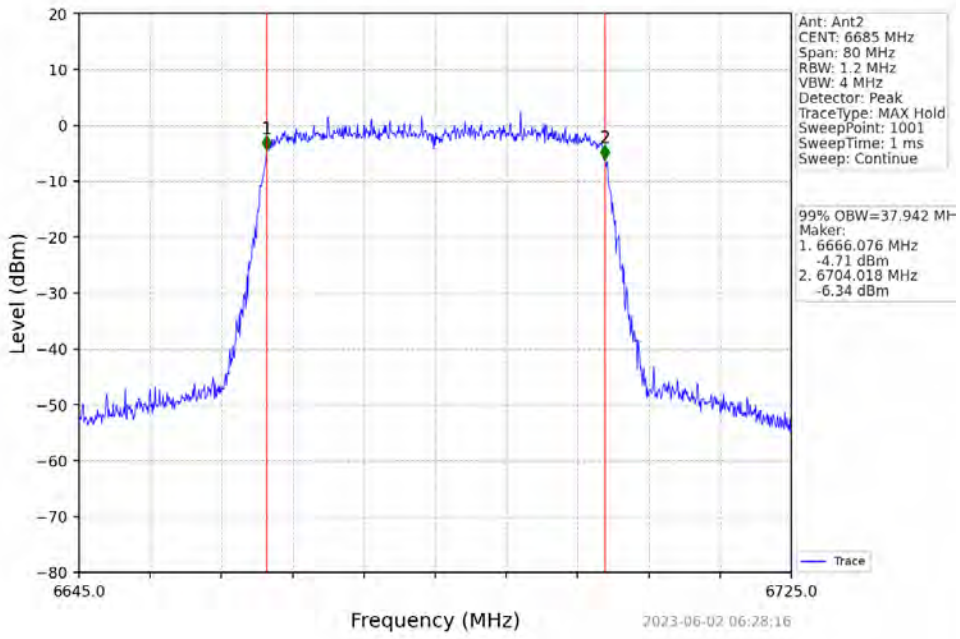

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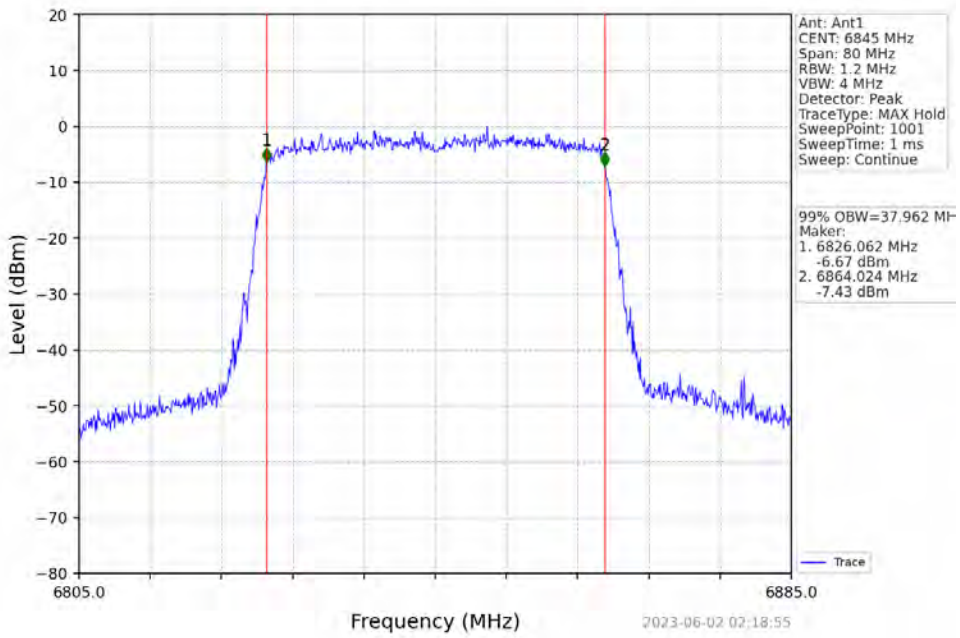

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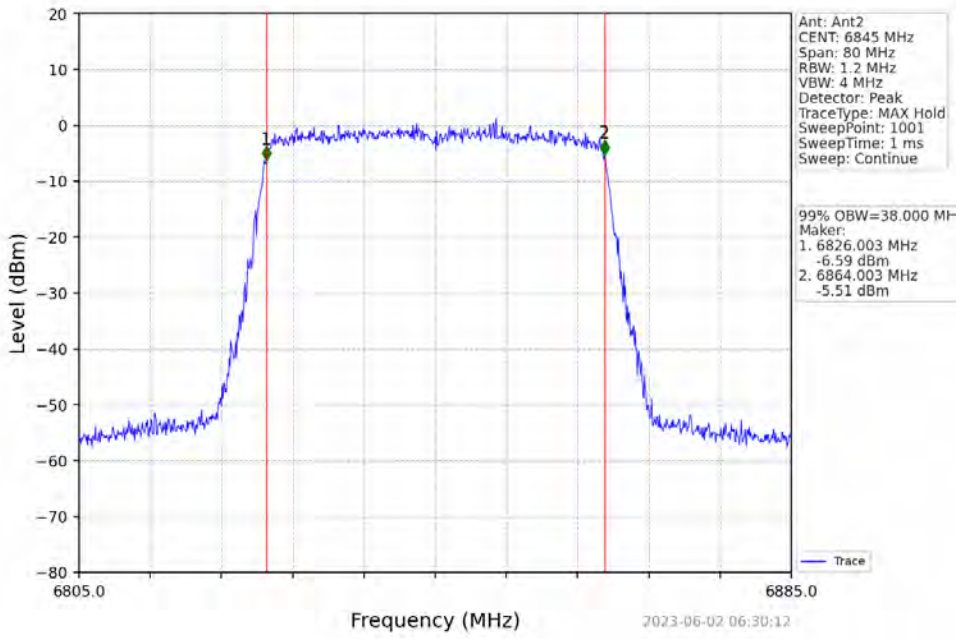

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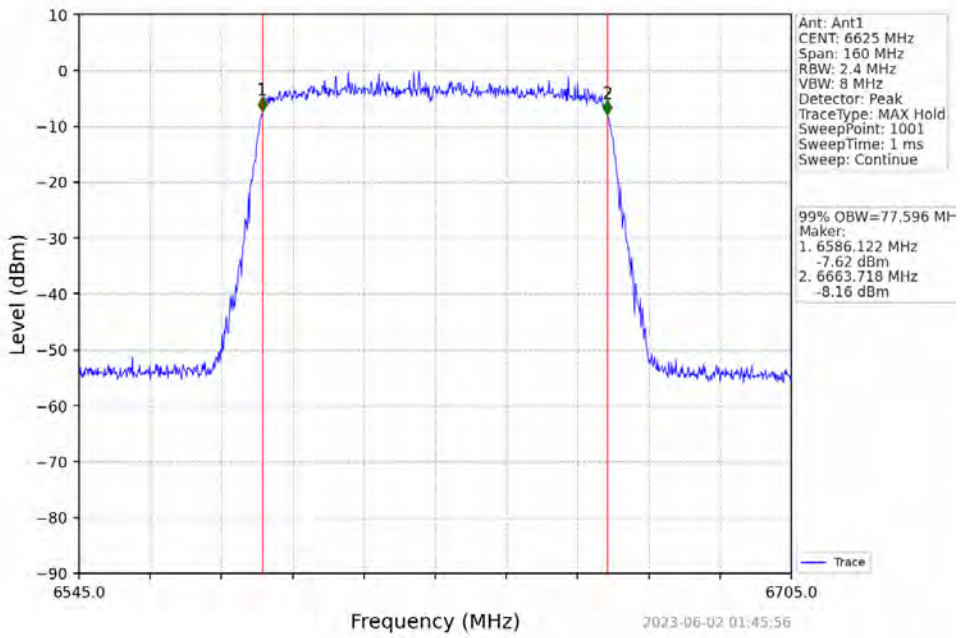

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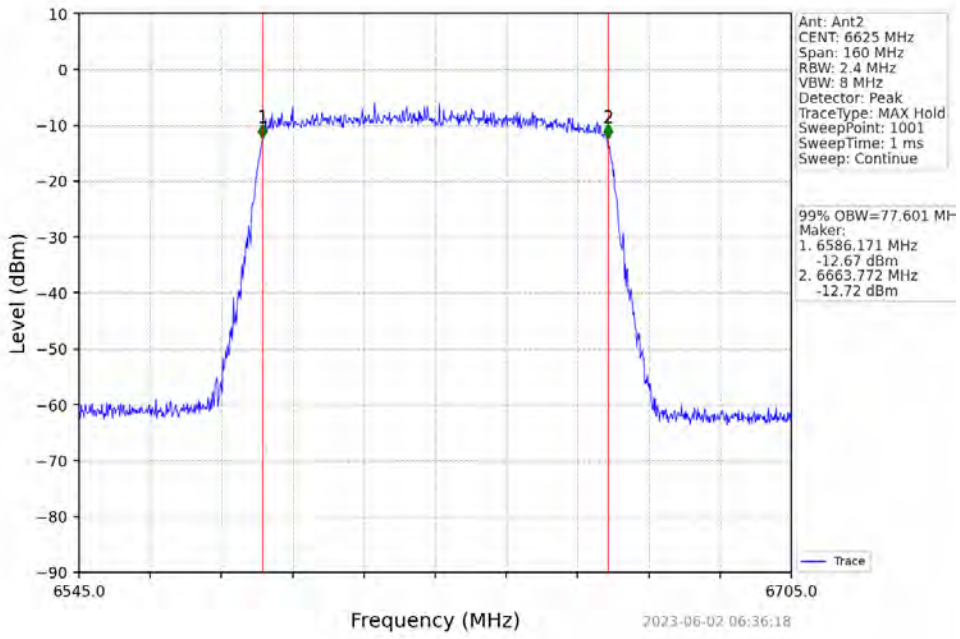

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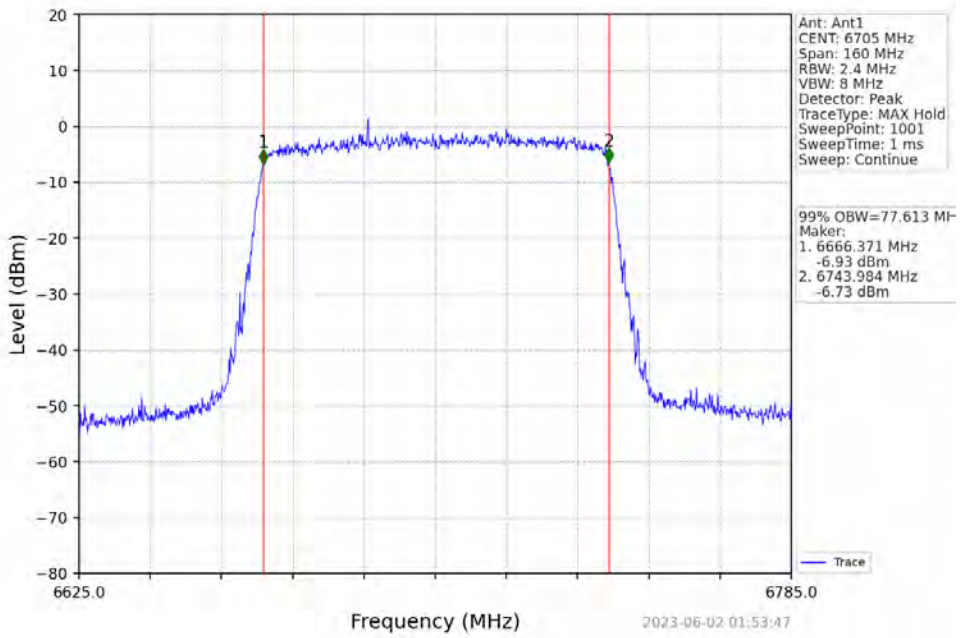

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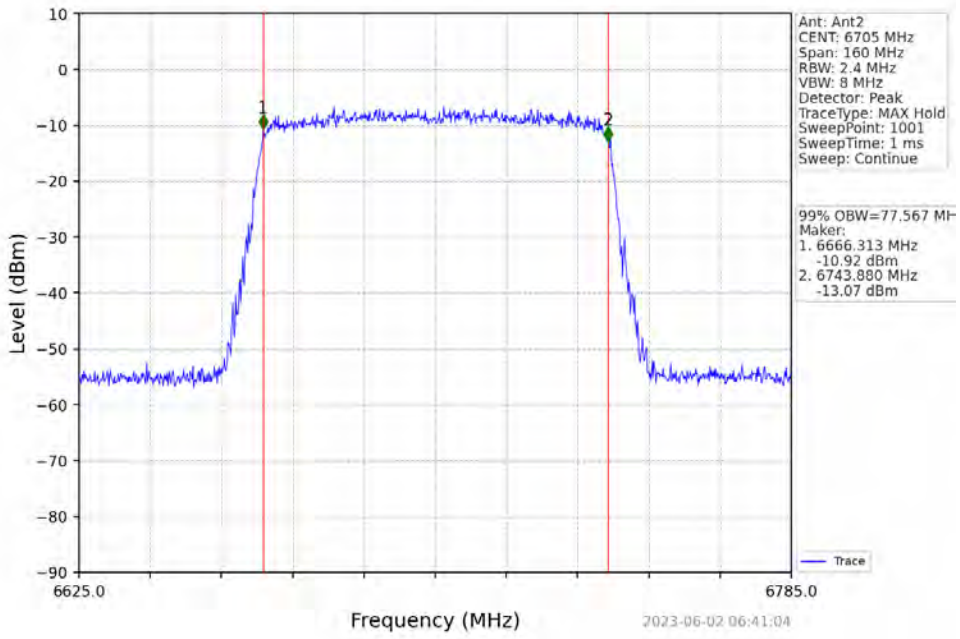

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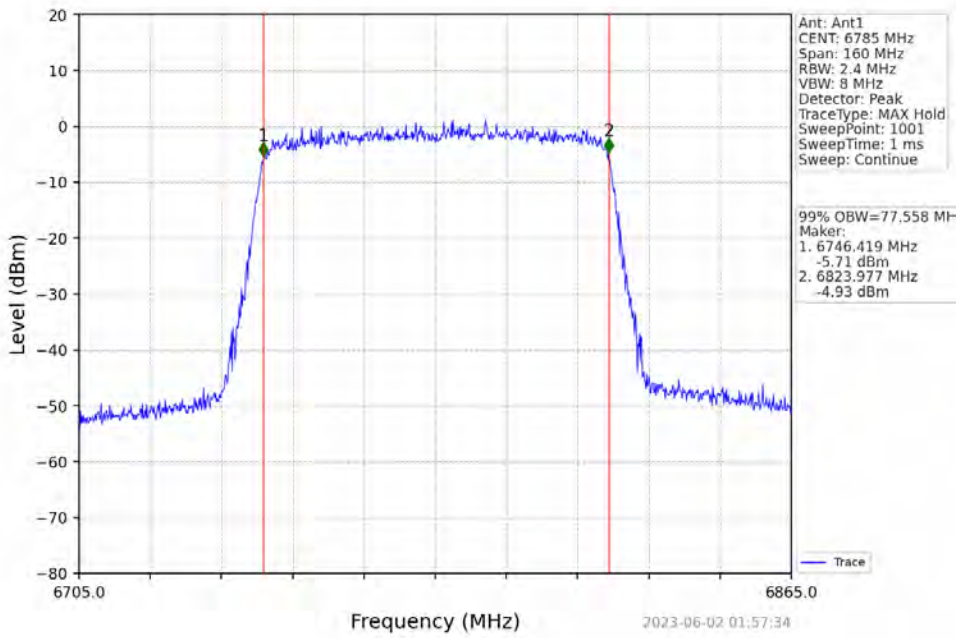

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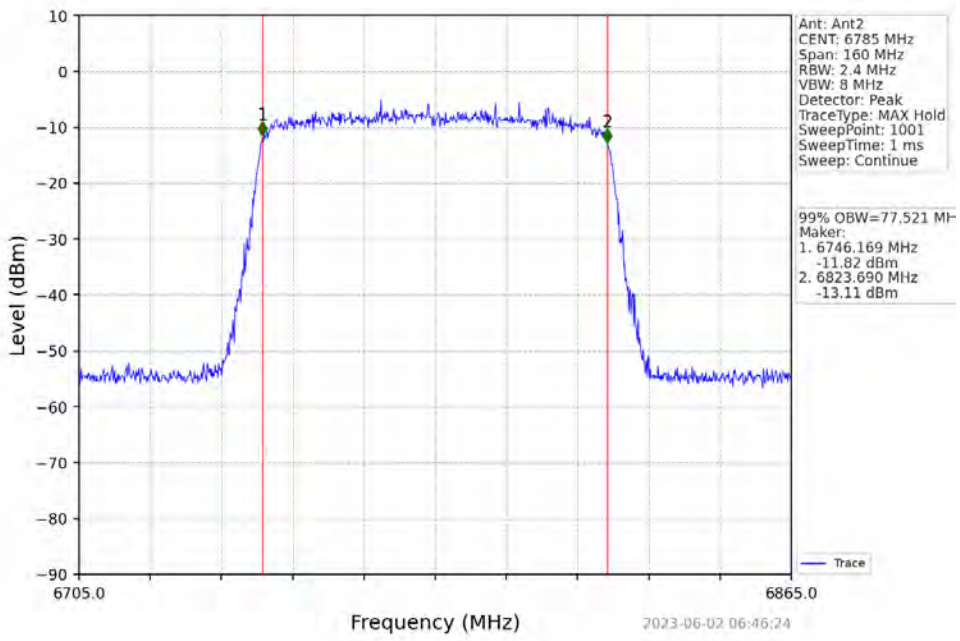

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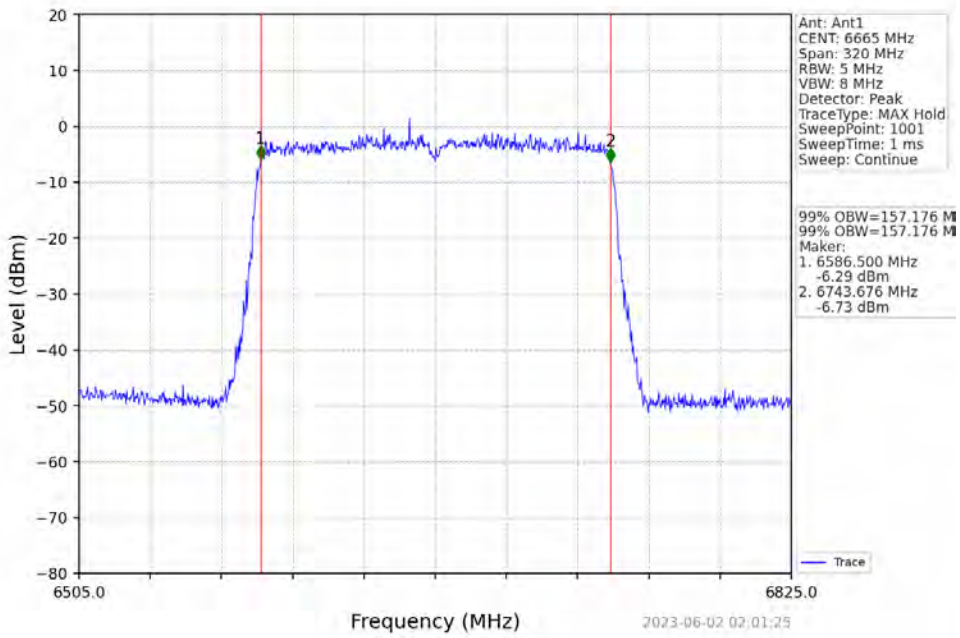

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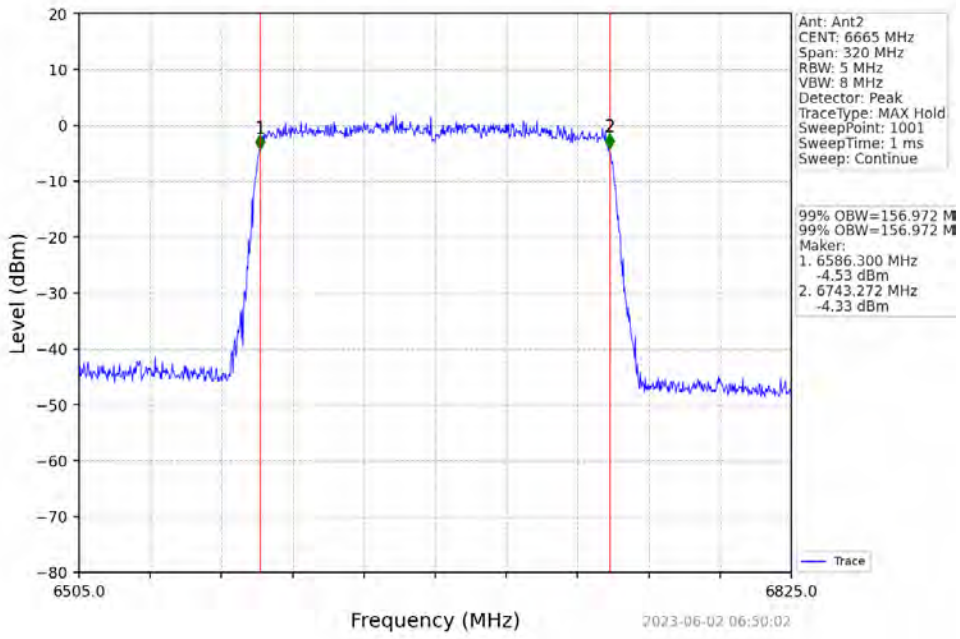

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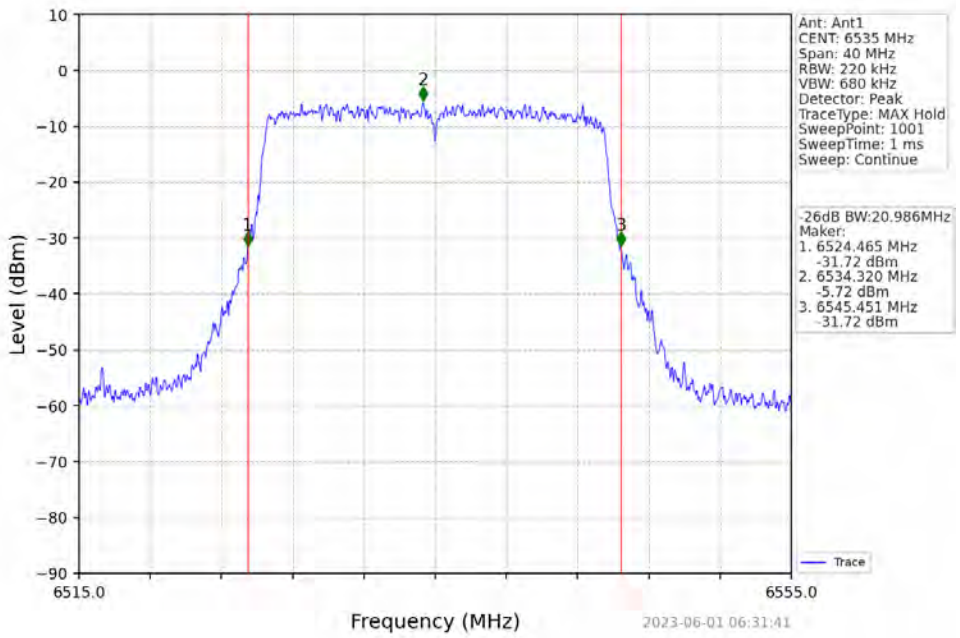

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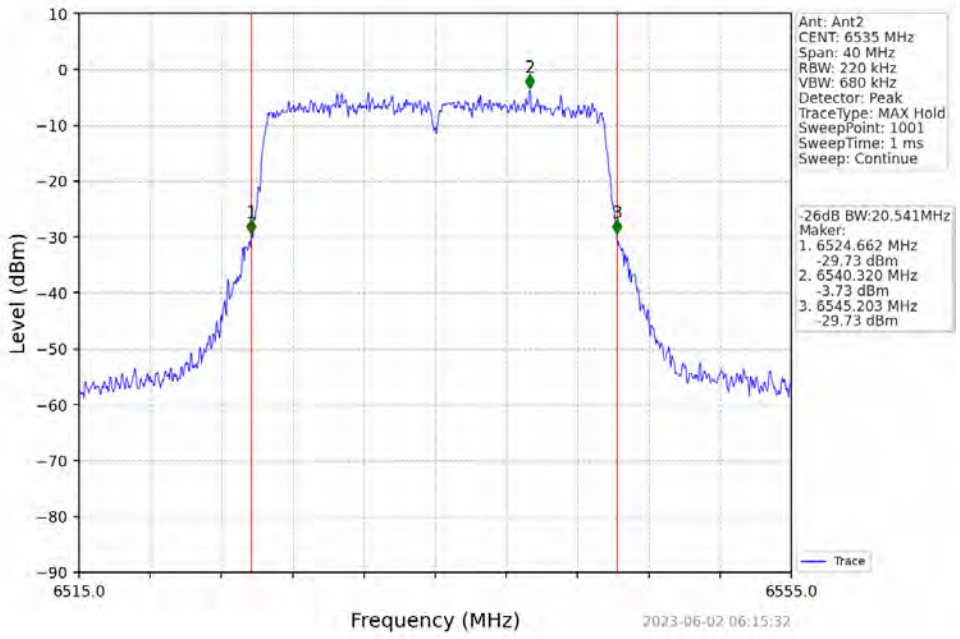

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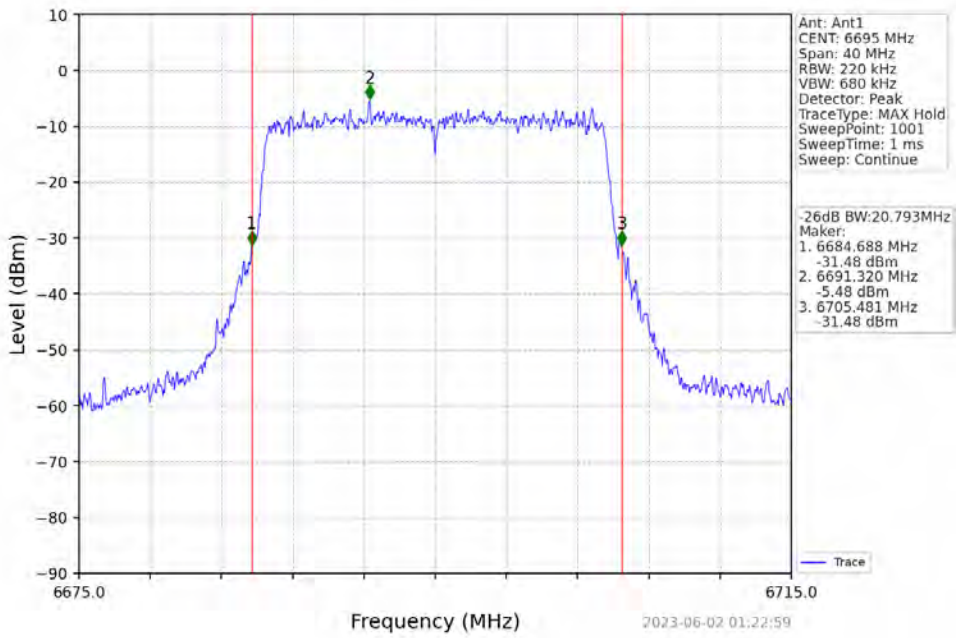

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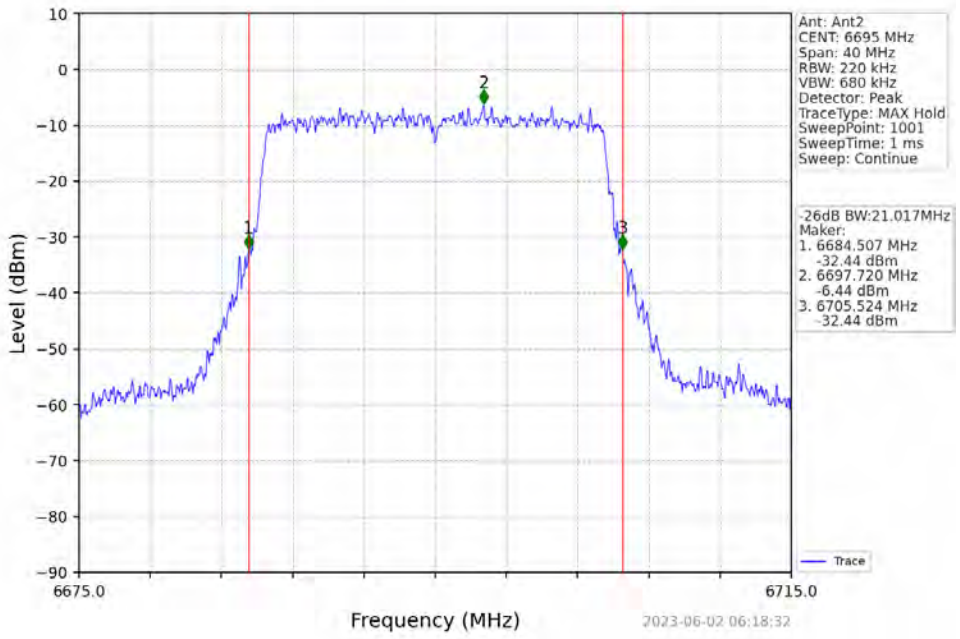

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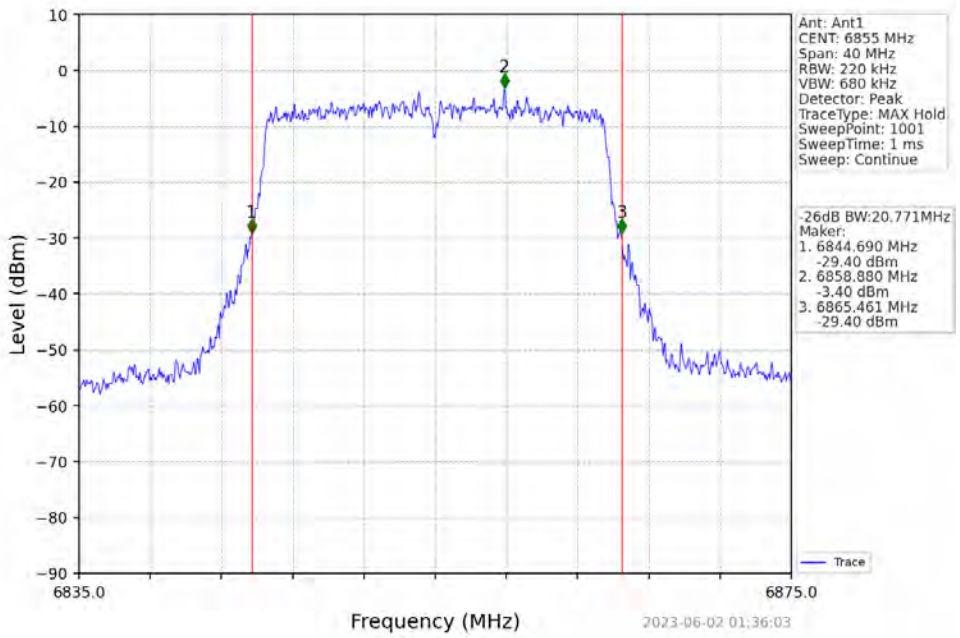

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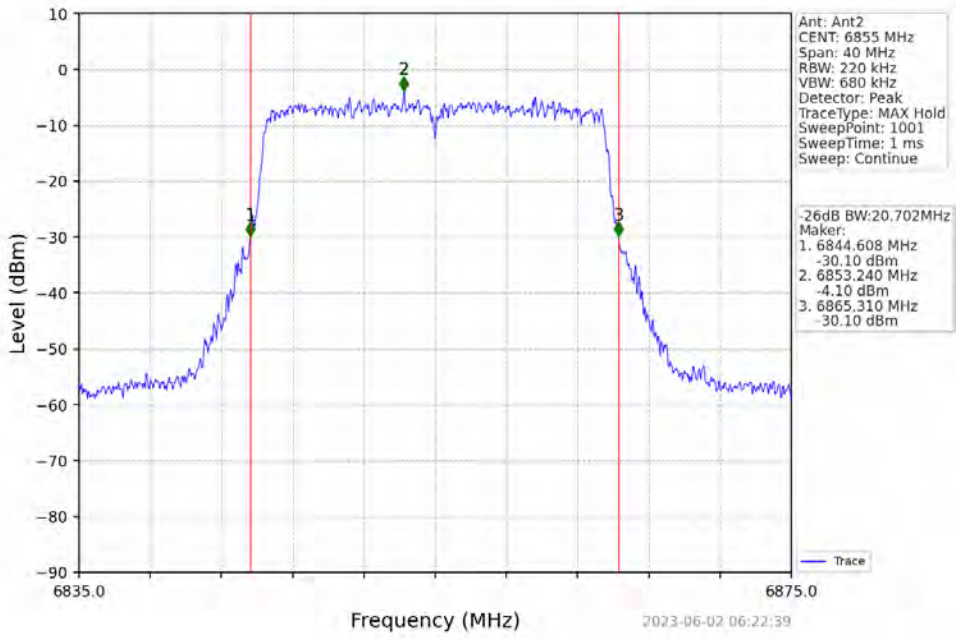

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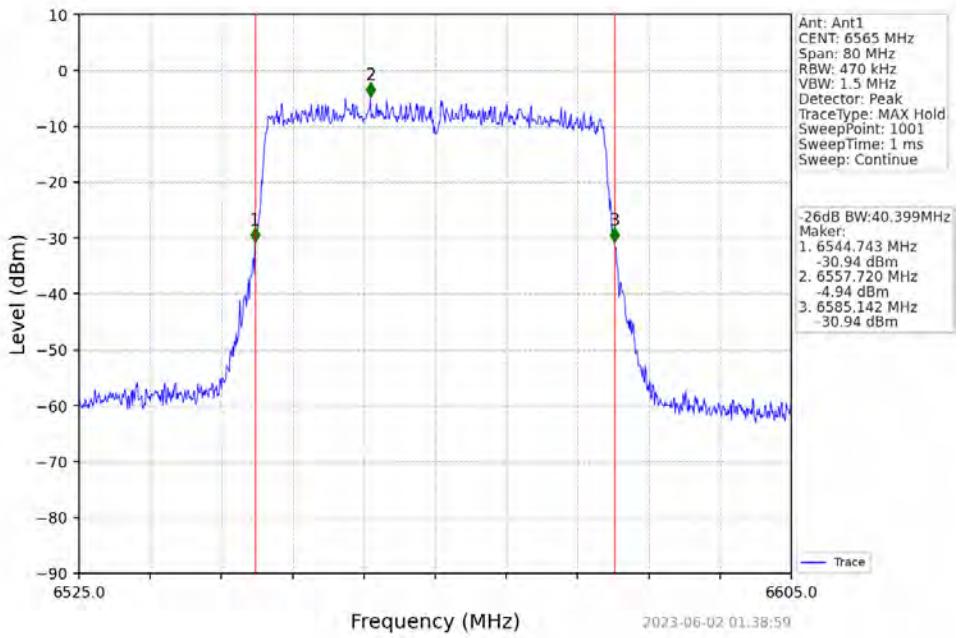

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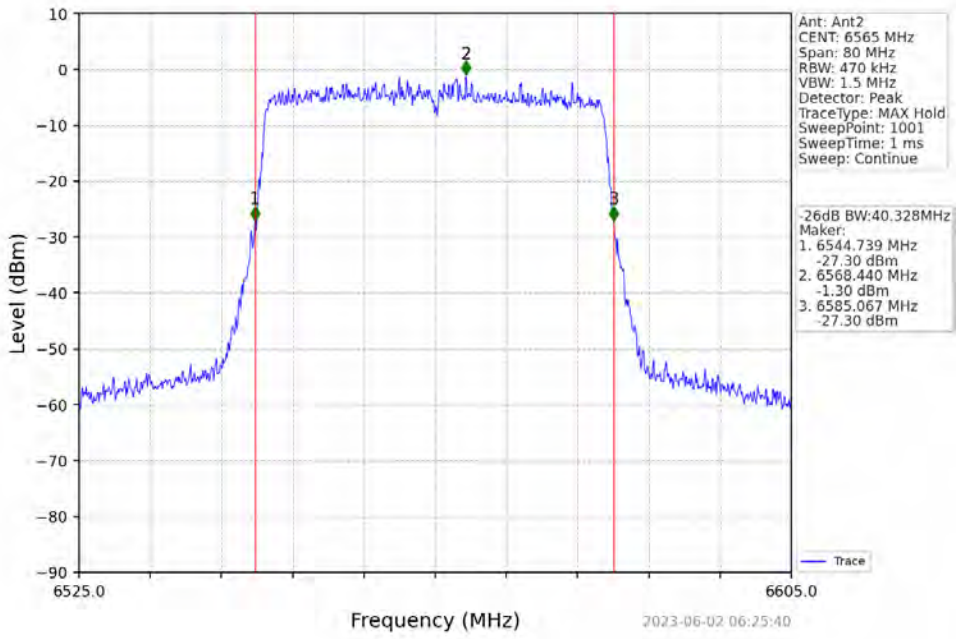

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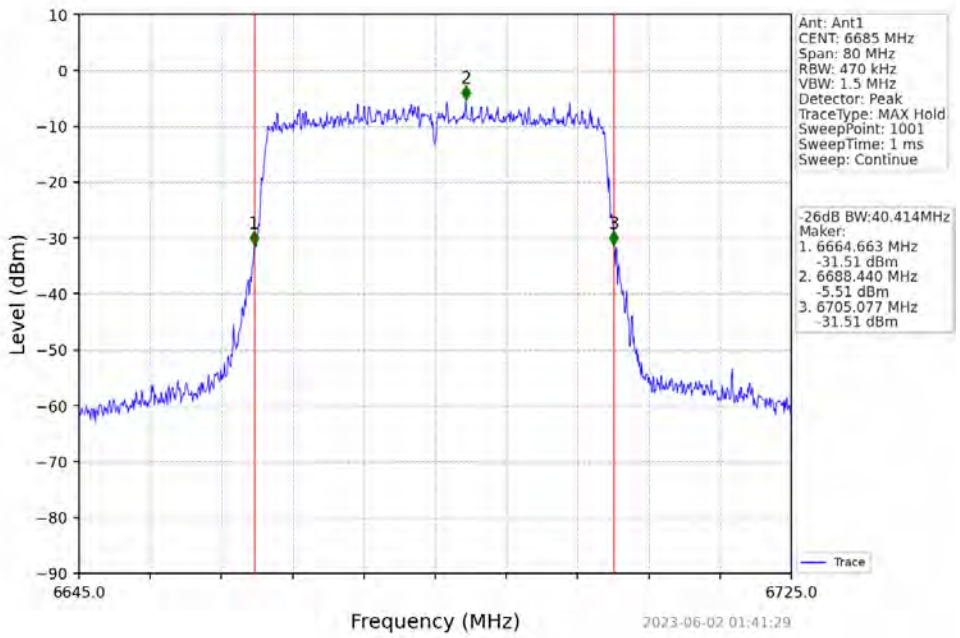

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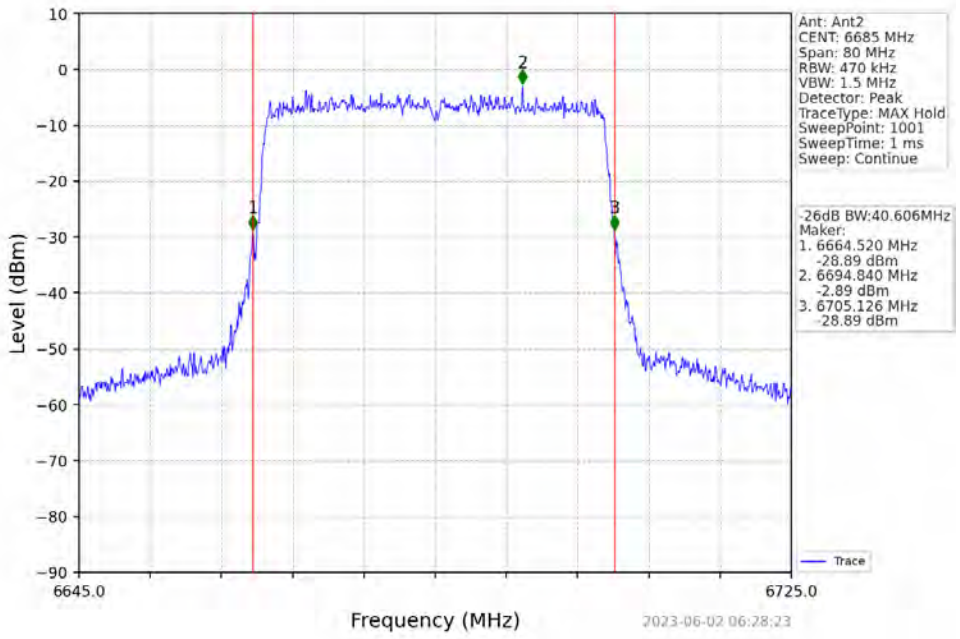

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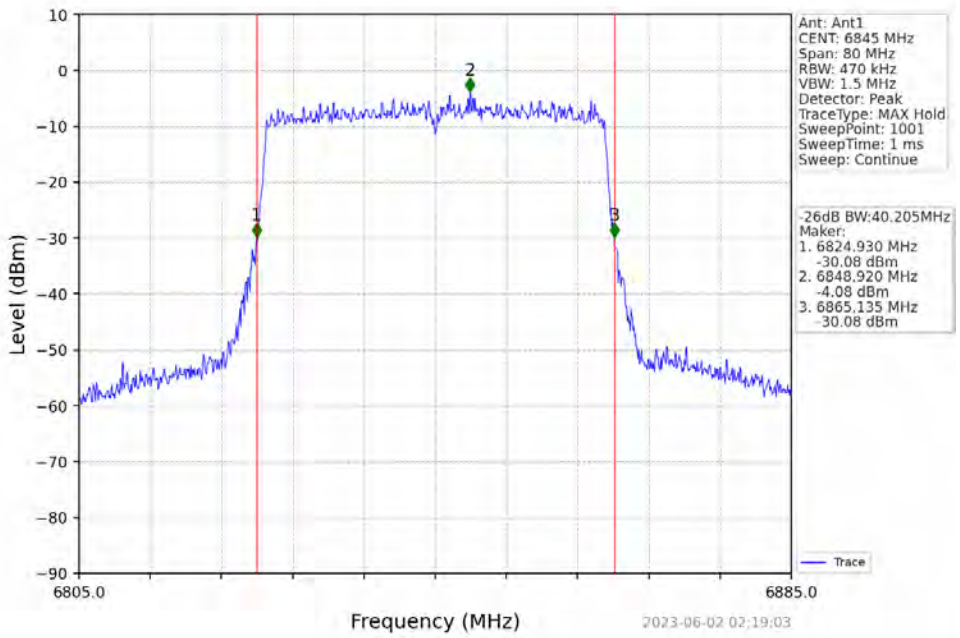

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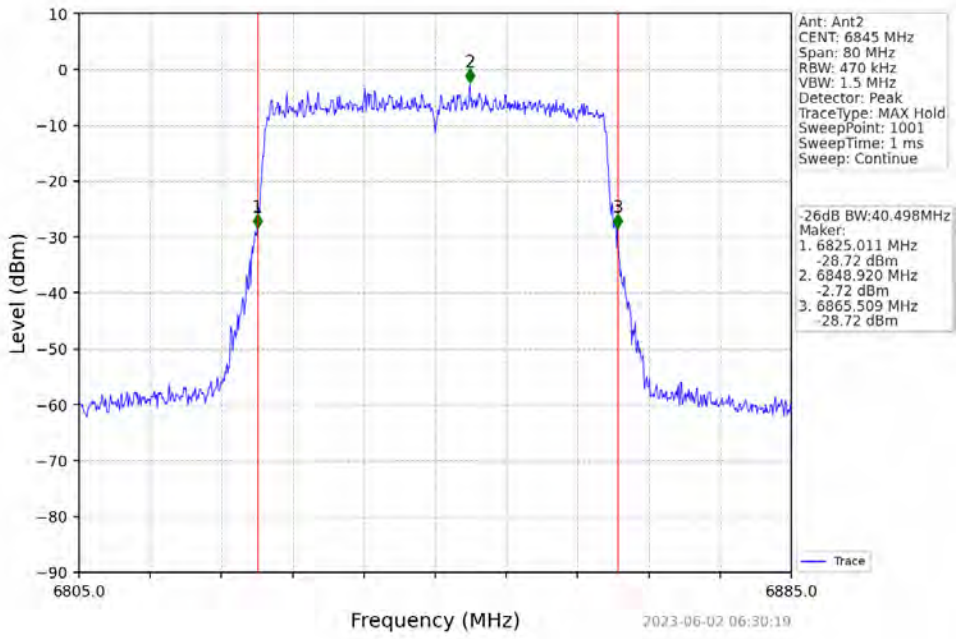

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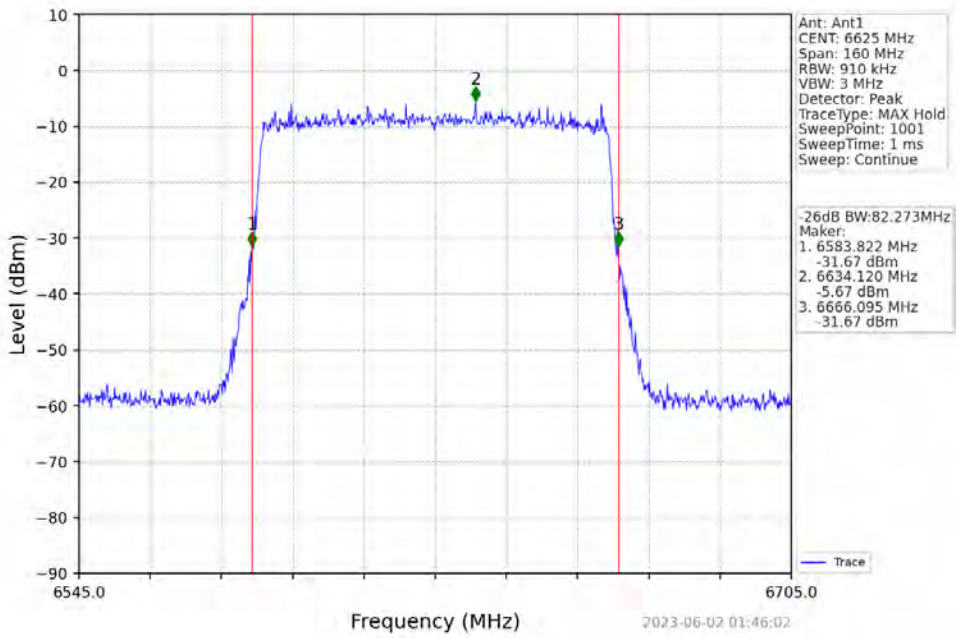

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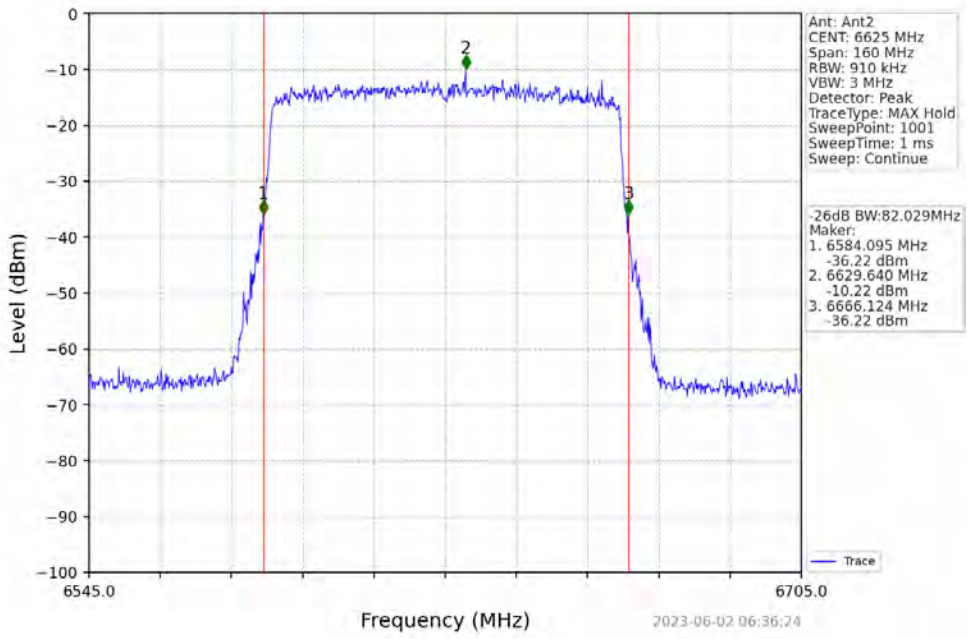

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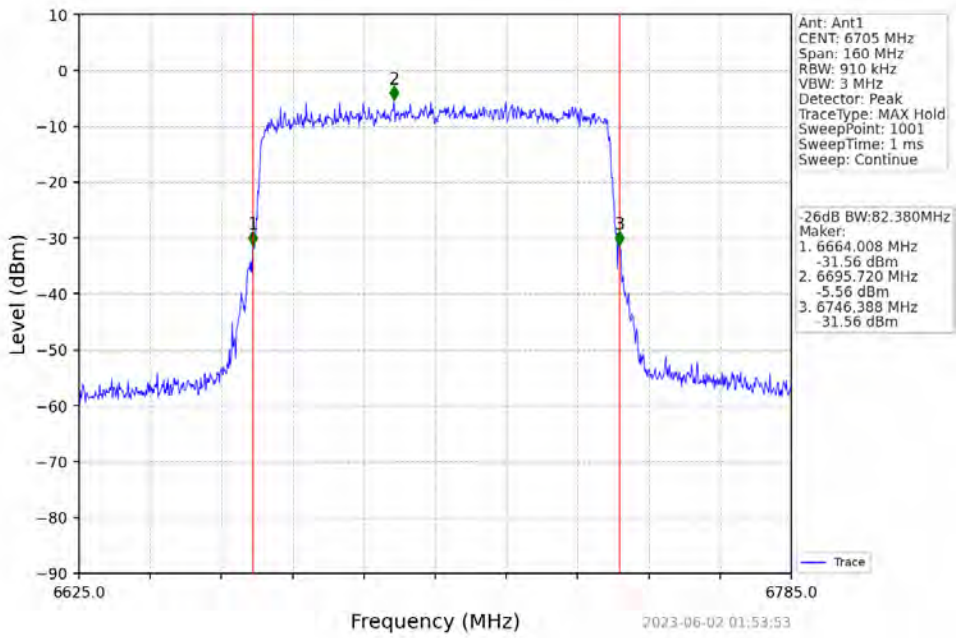
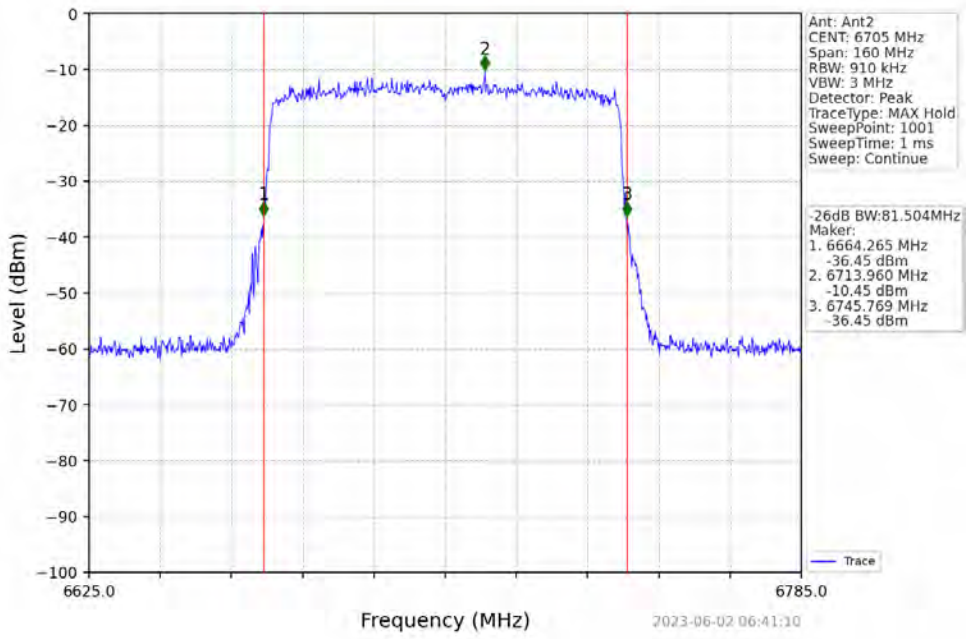


802.11ax(HEW80)_MCH_6705MHz_SU_Ant2_NTNV



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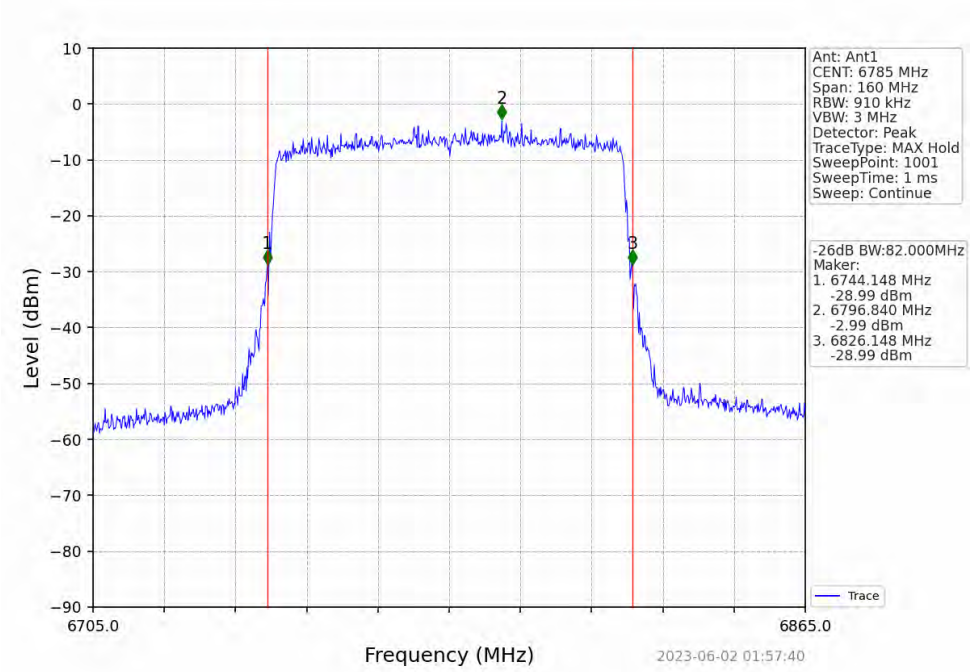

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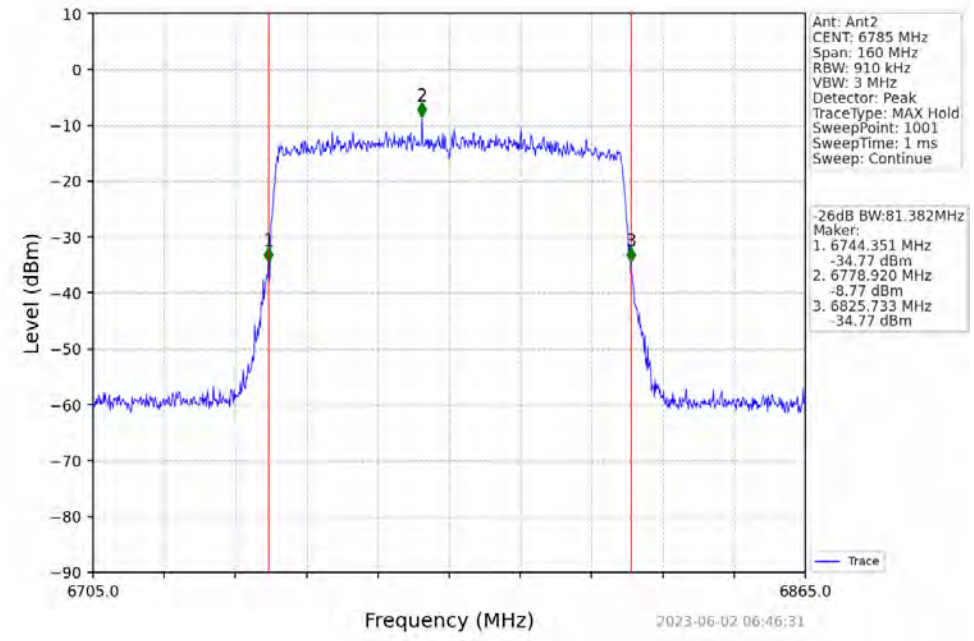

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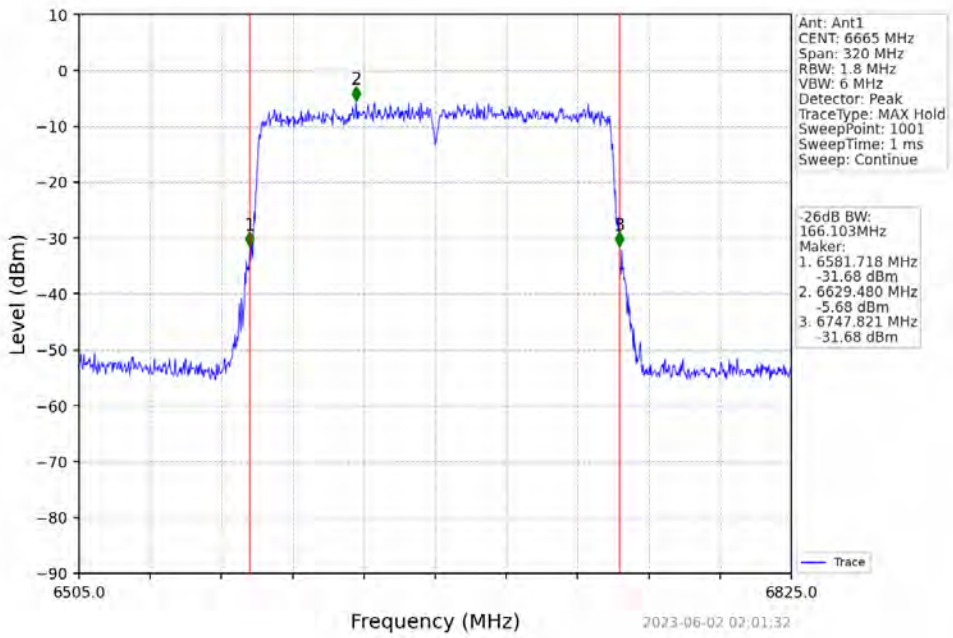

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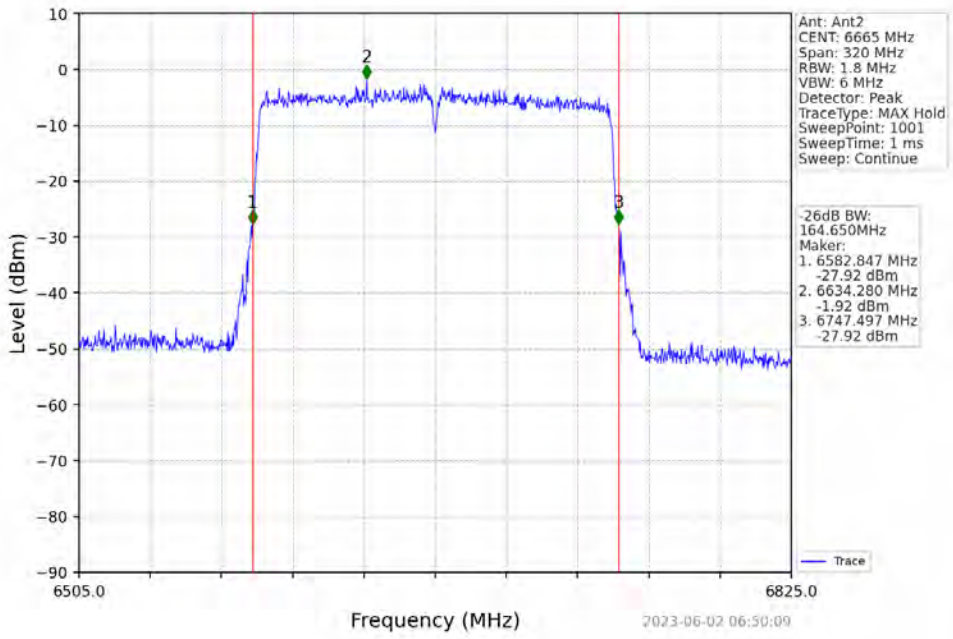

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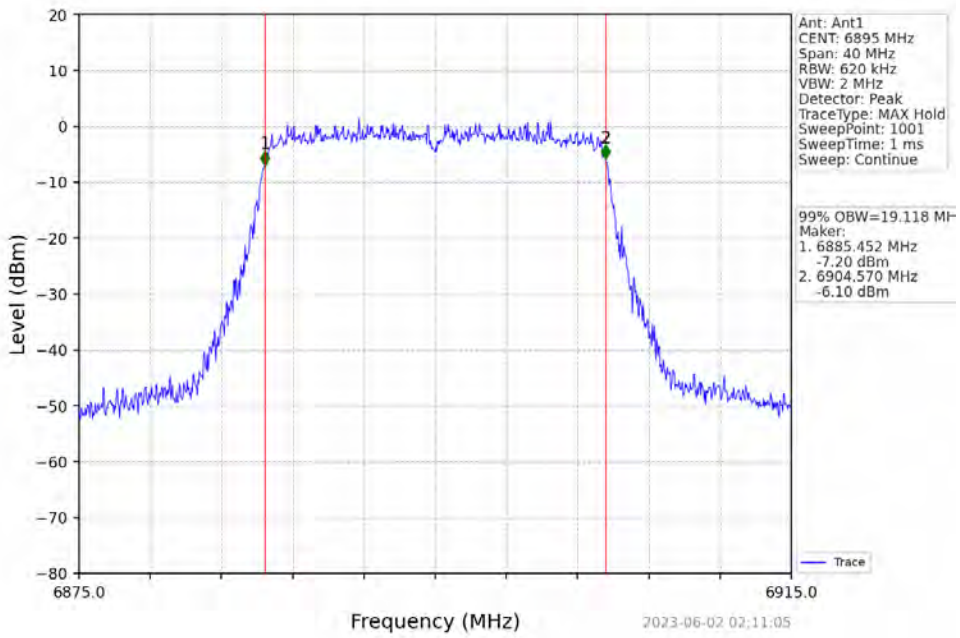

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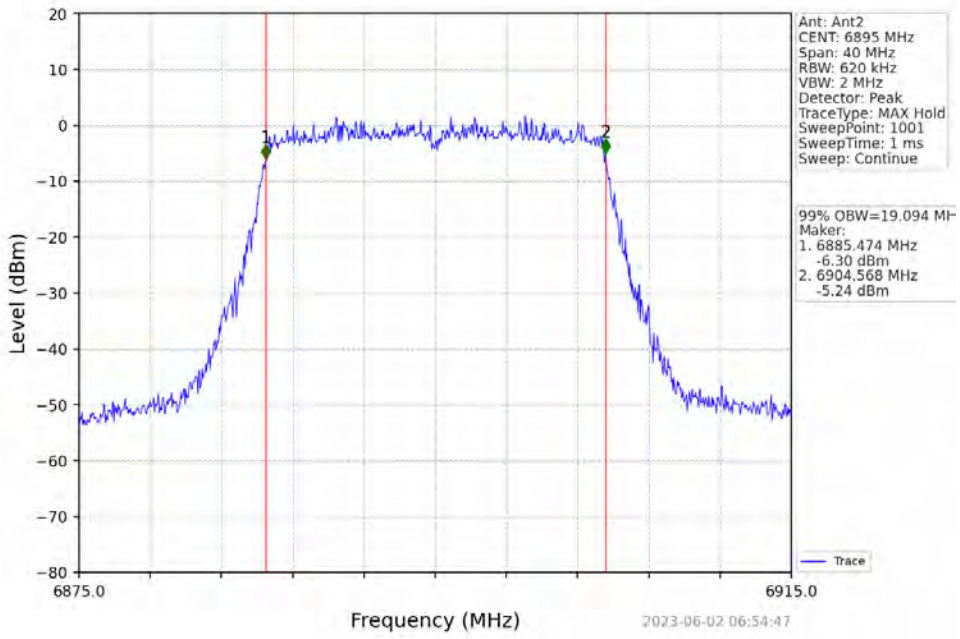

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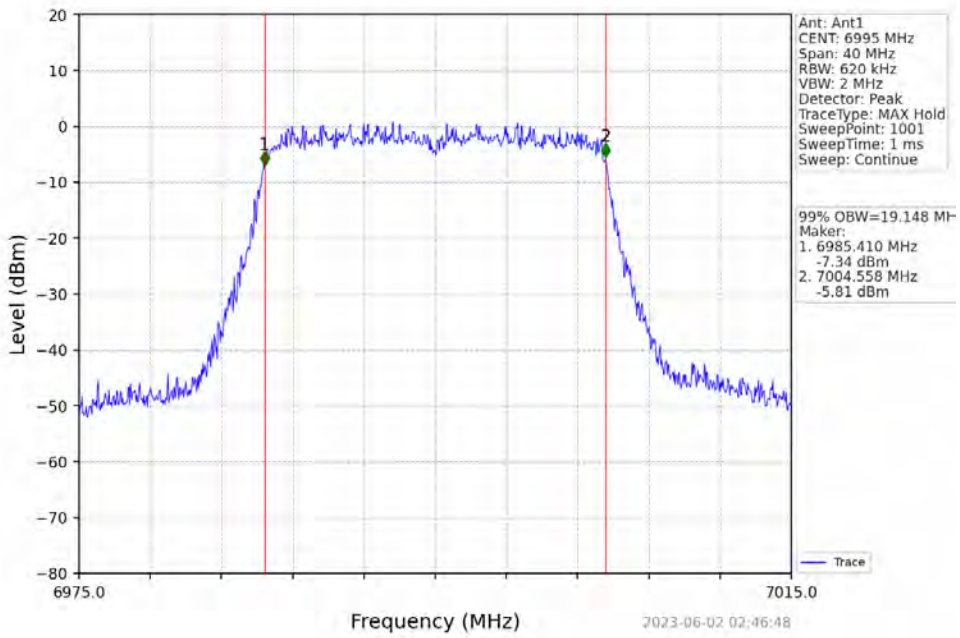

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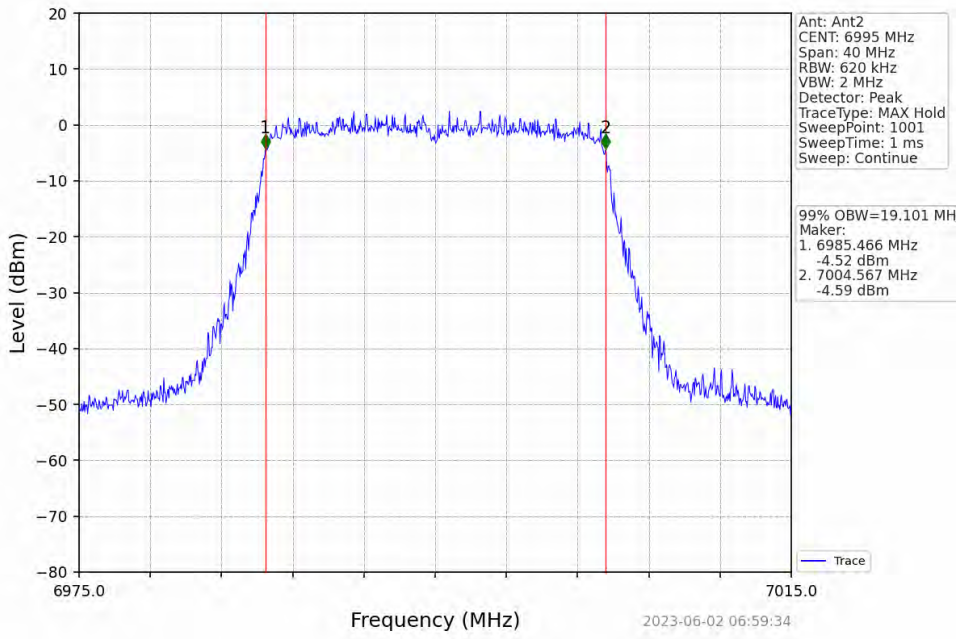

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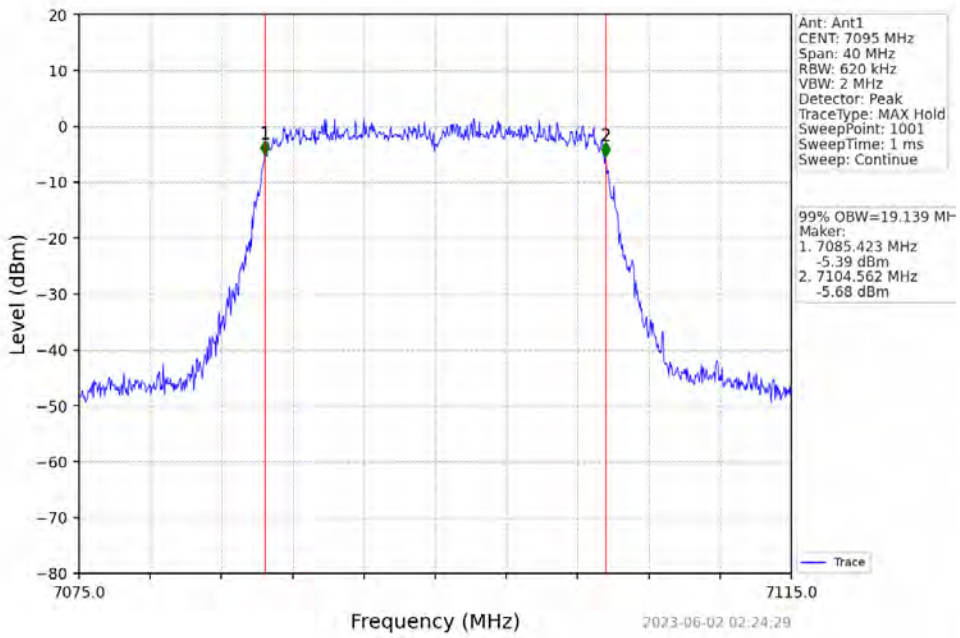

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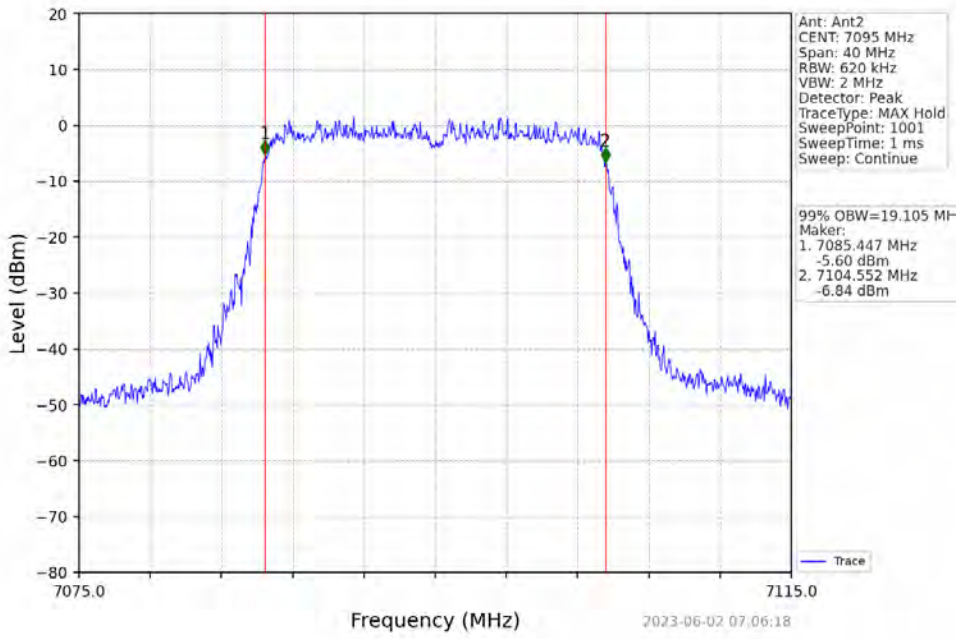
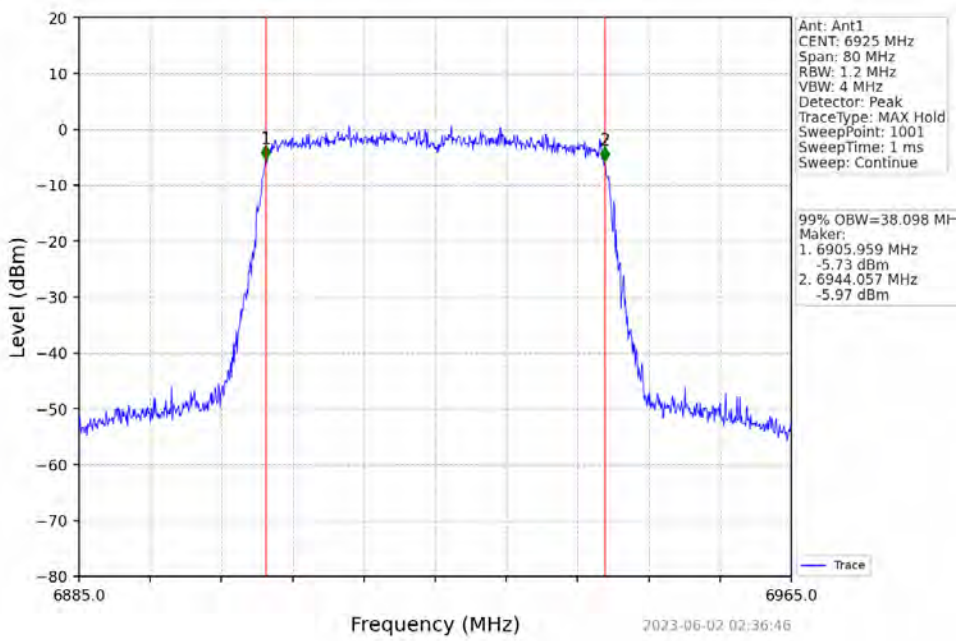


802.11ax(HEW40)_LCH_6925MHz_SU_Ant1_NTNV



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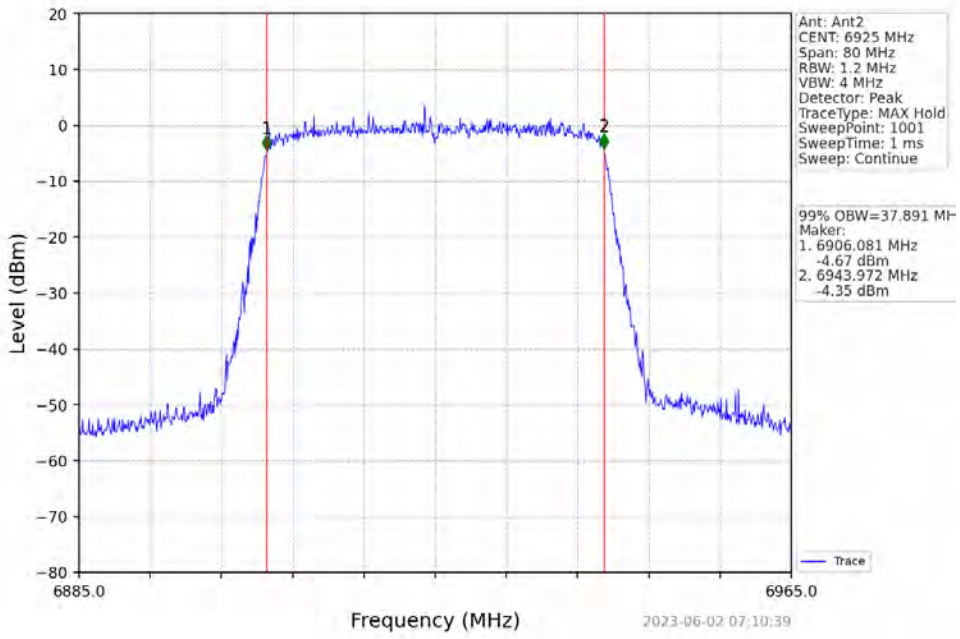

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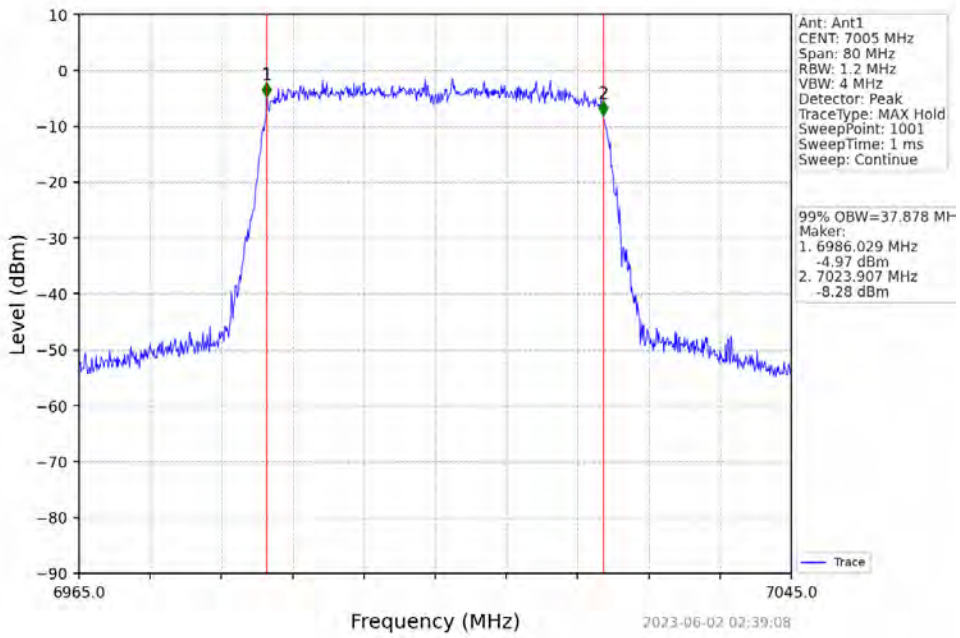

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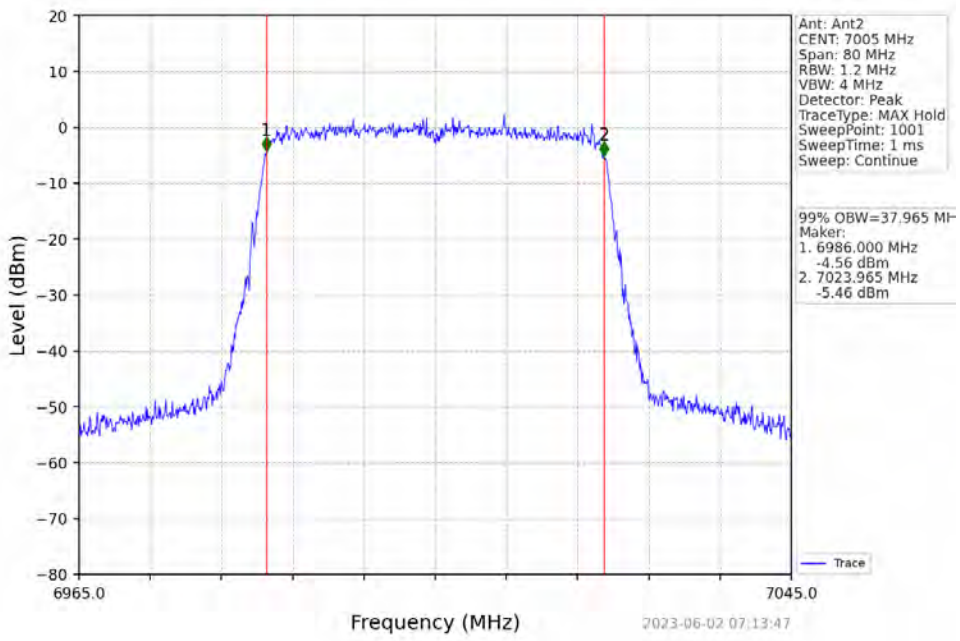

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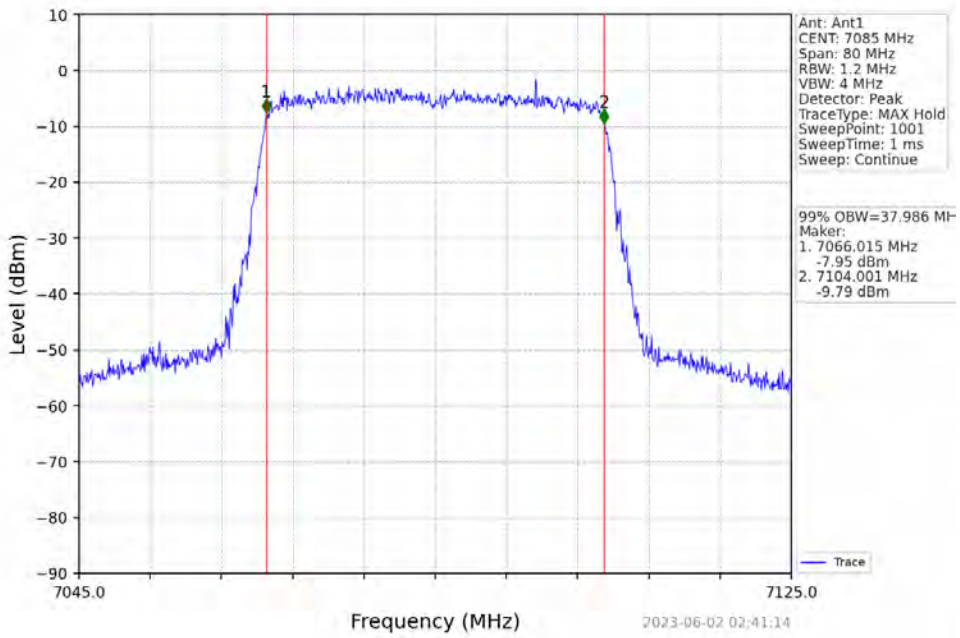

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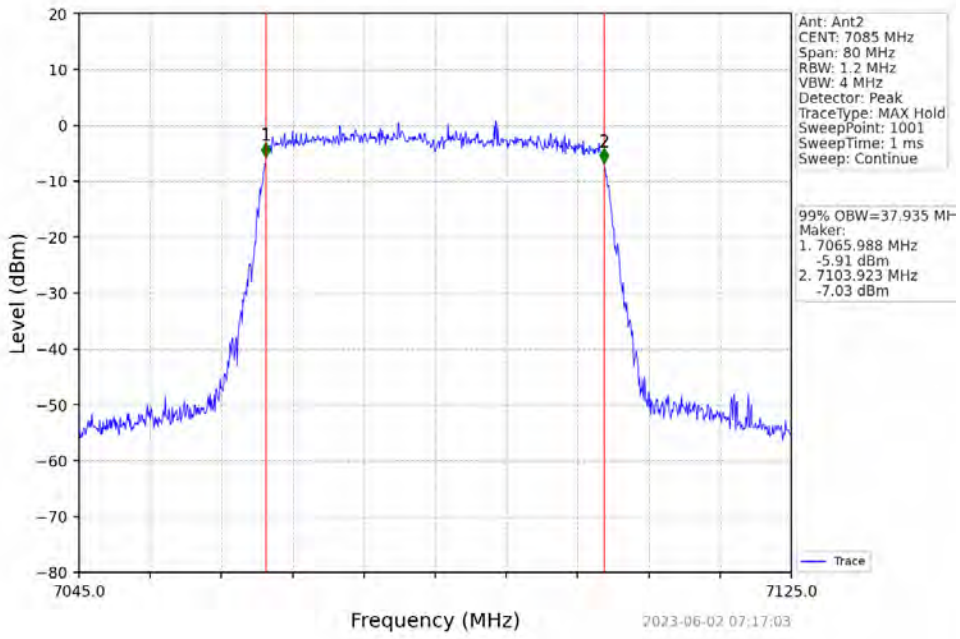

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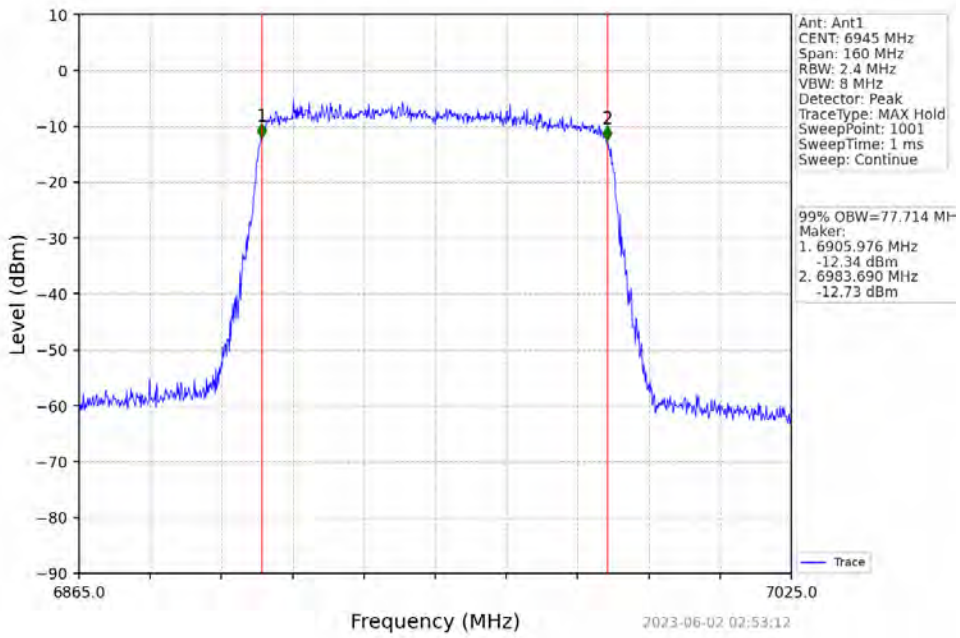

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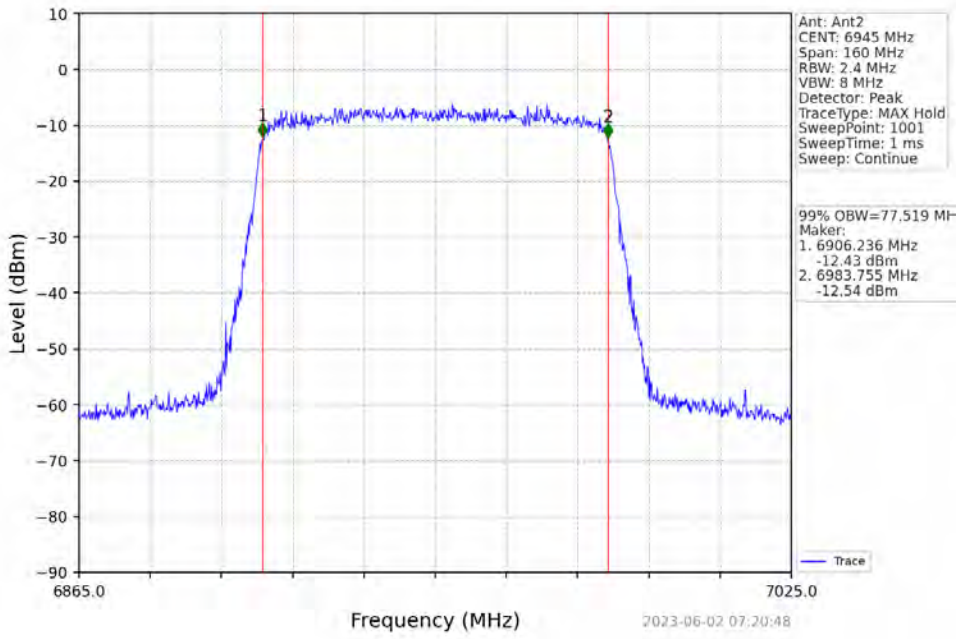

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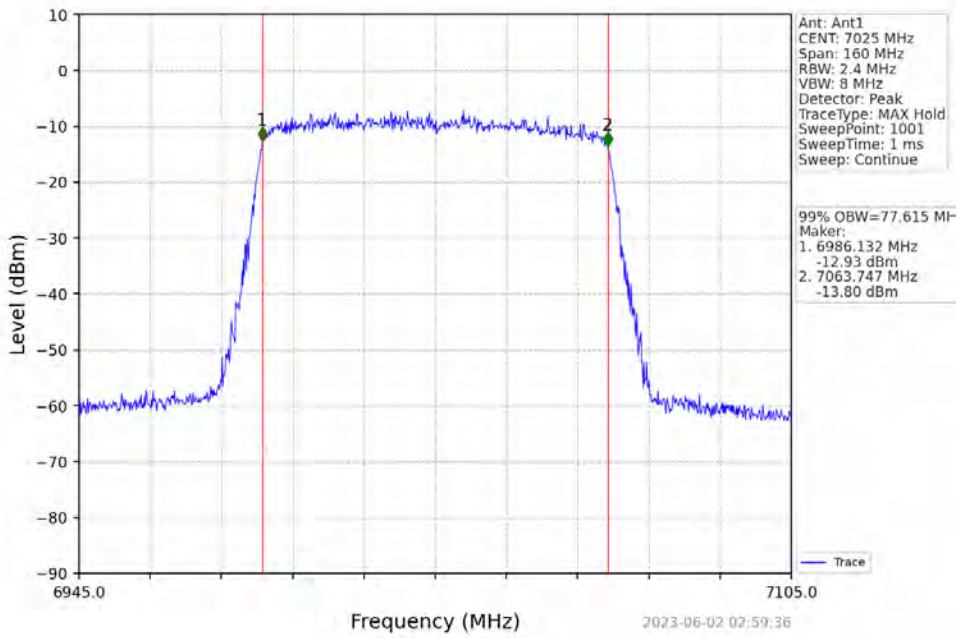

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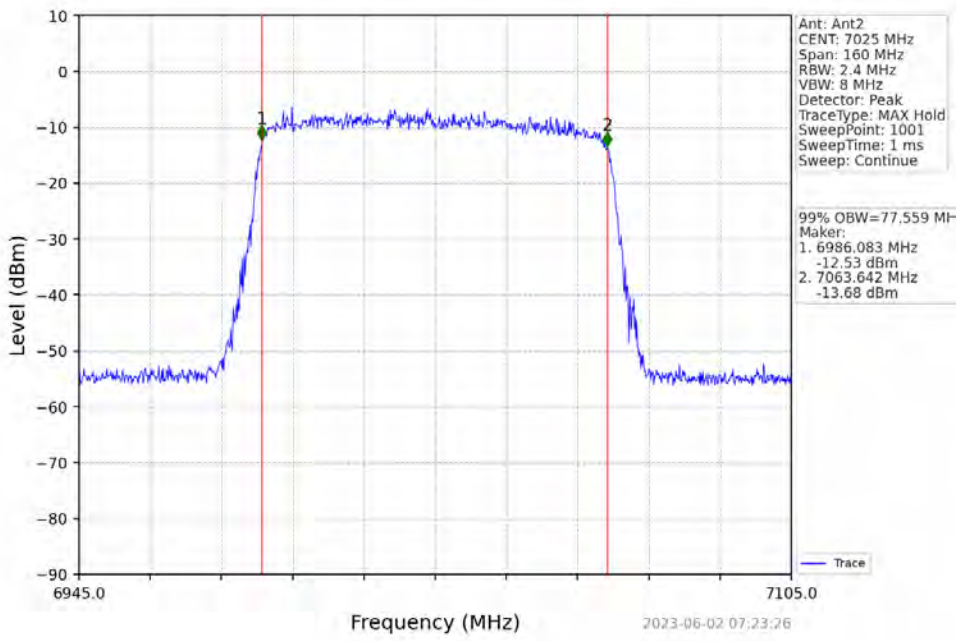

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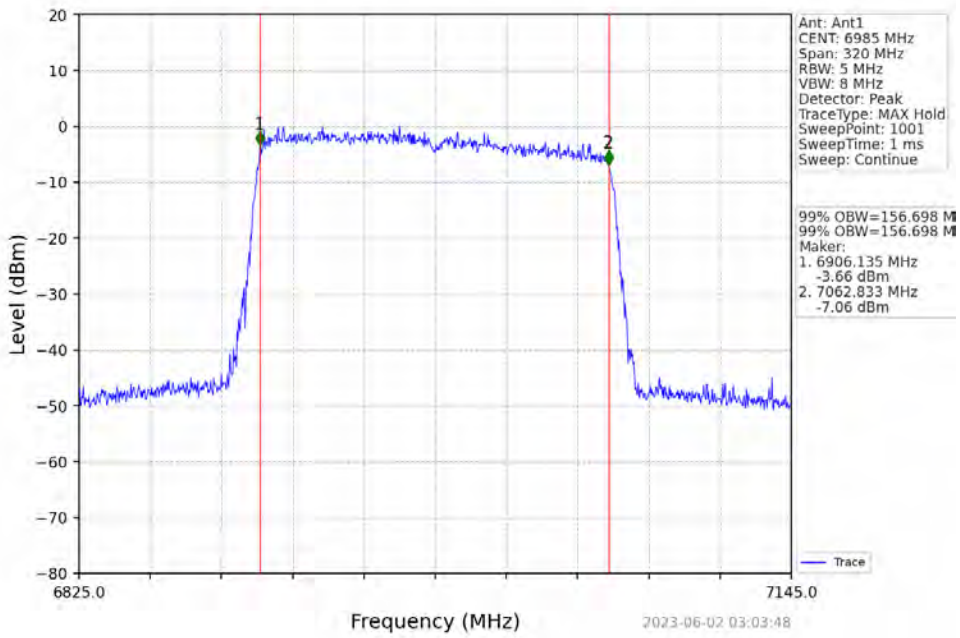

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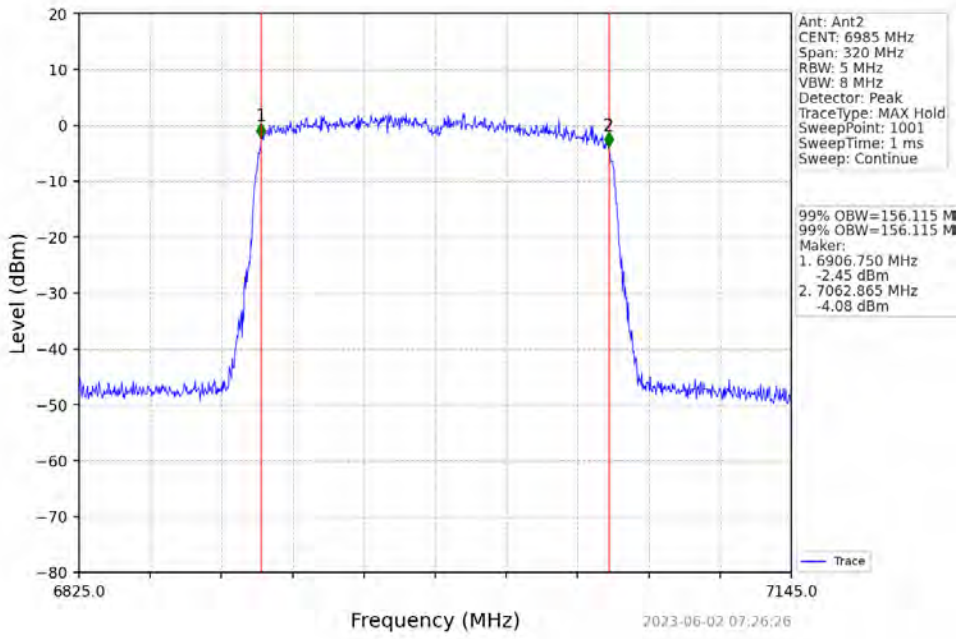

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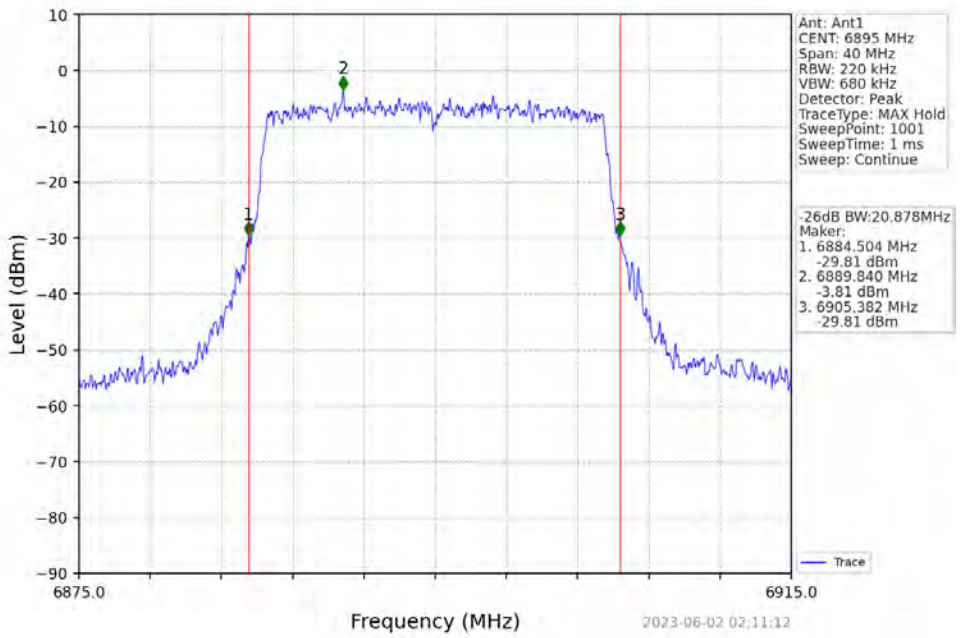

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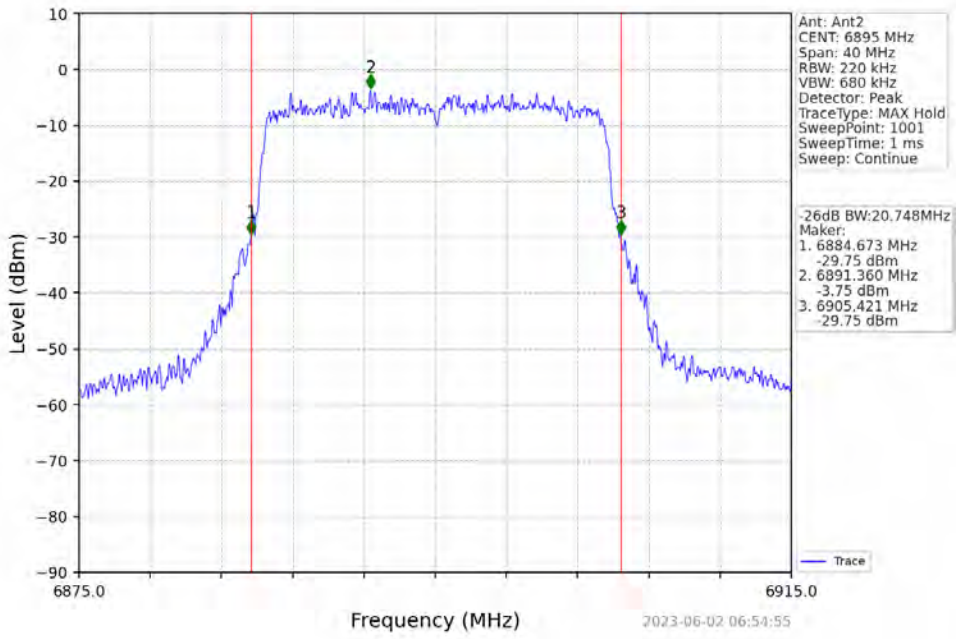

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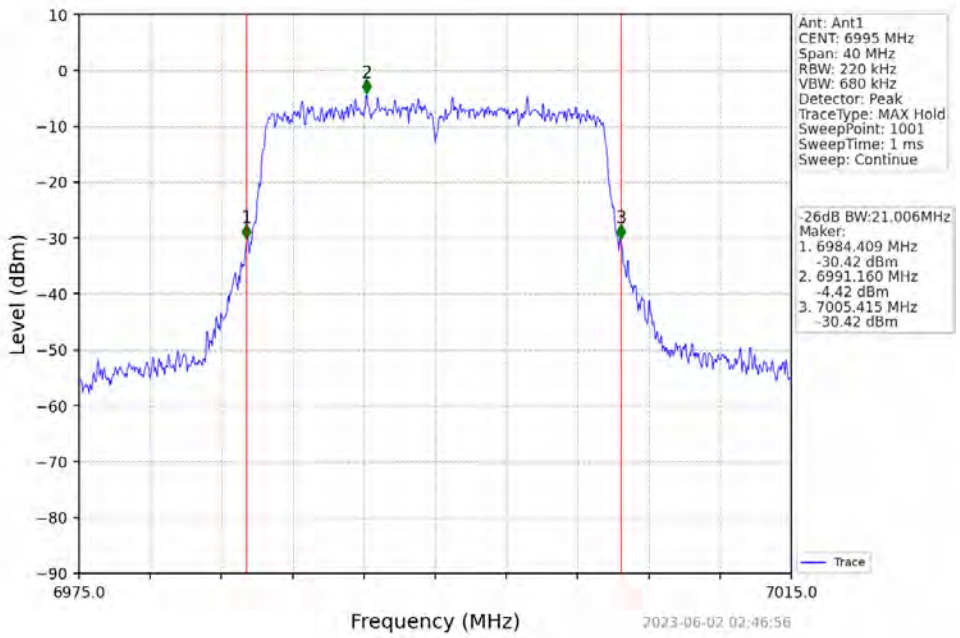

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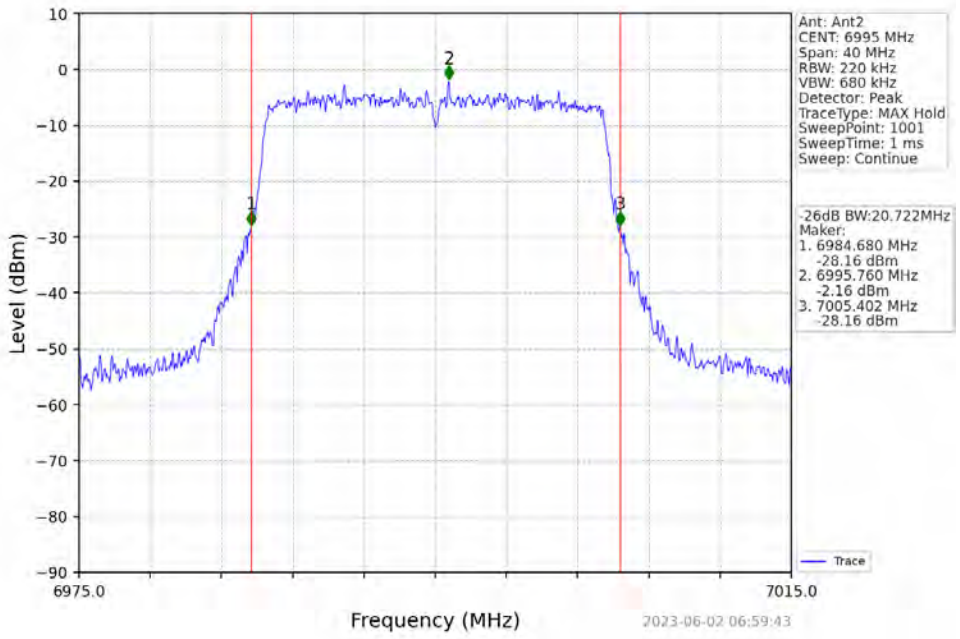

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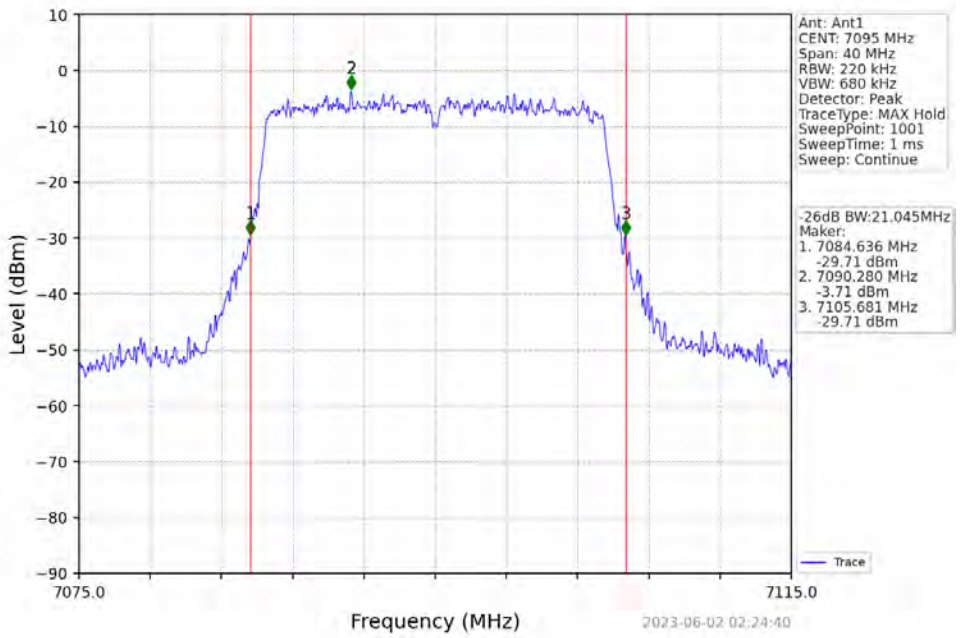

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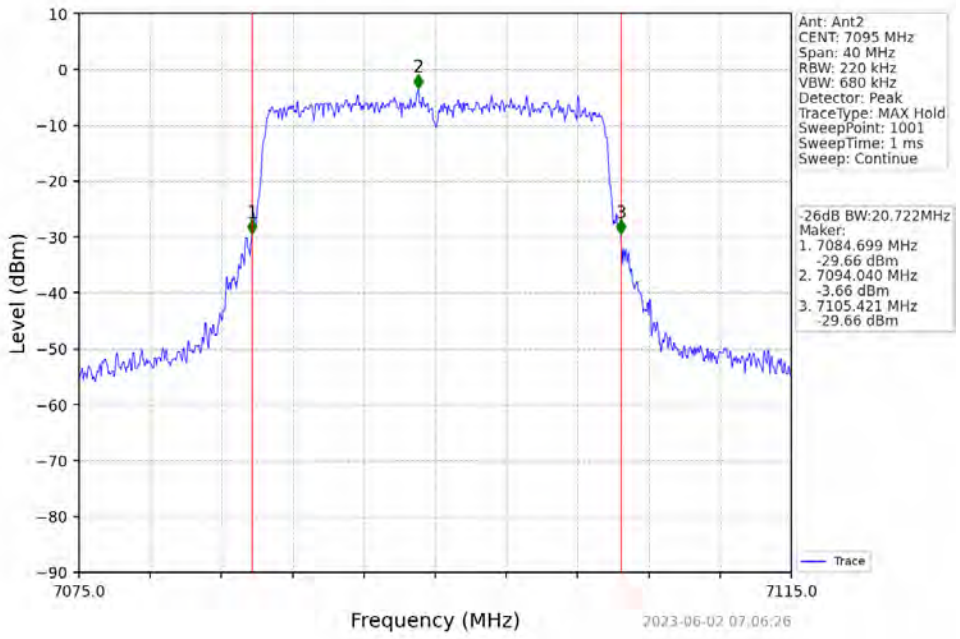

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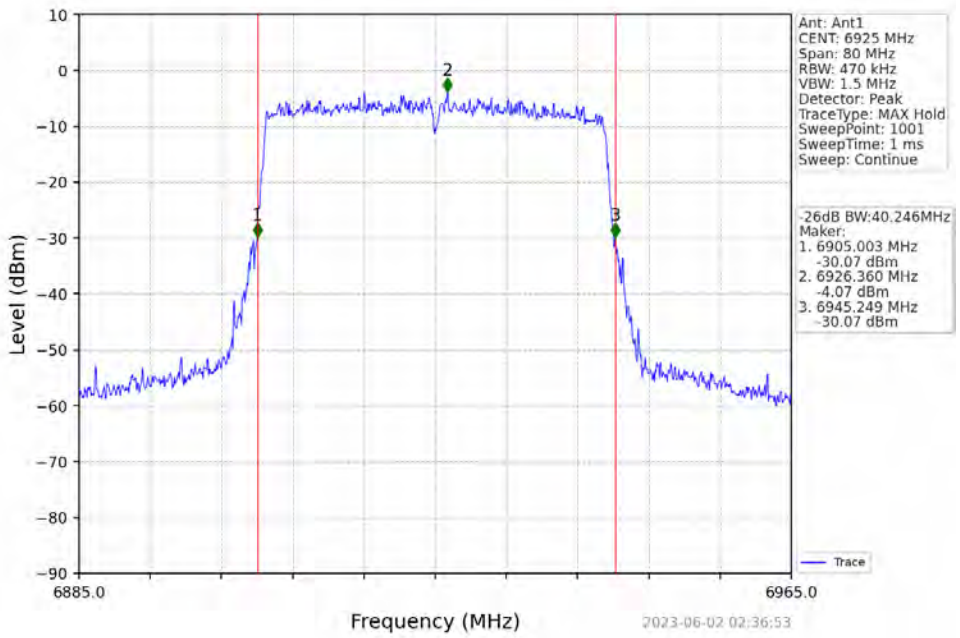

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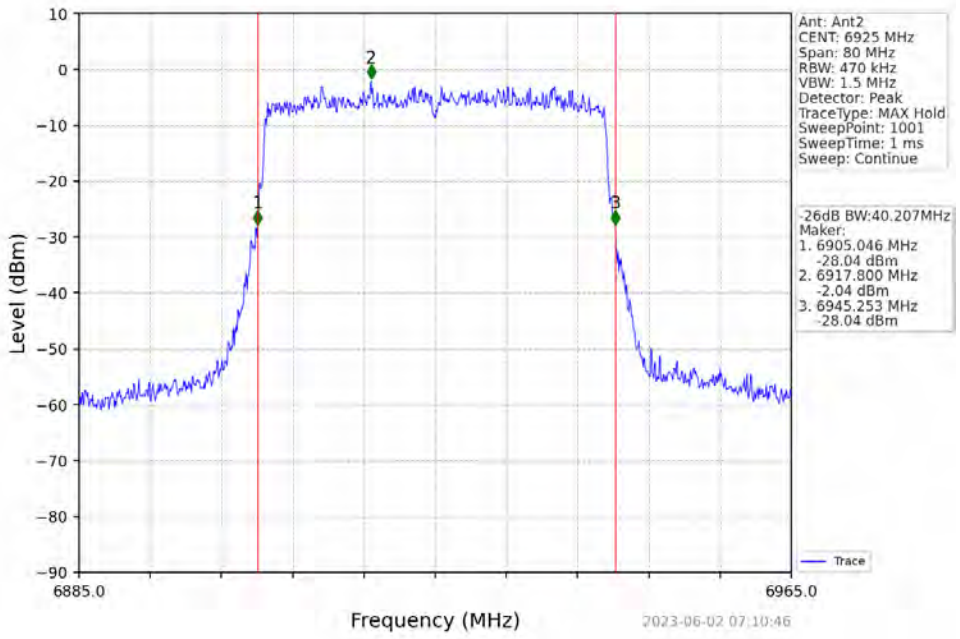

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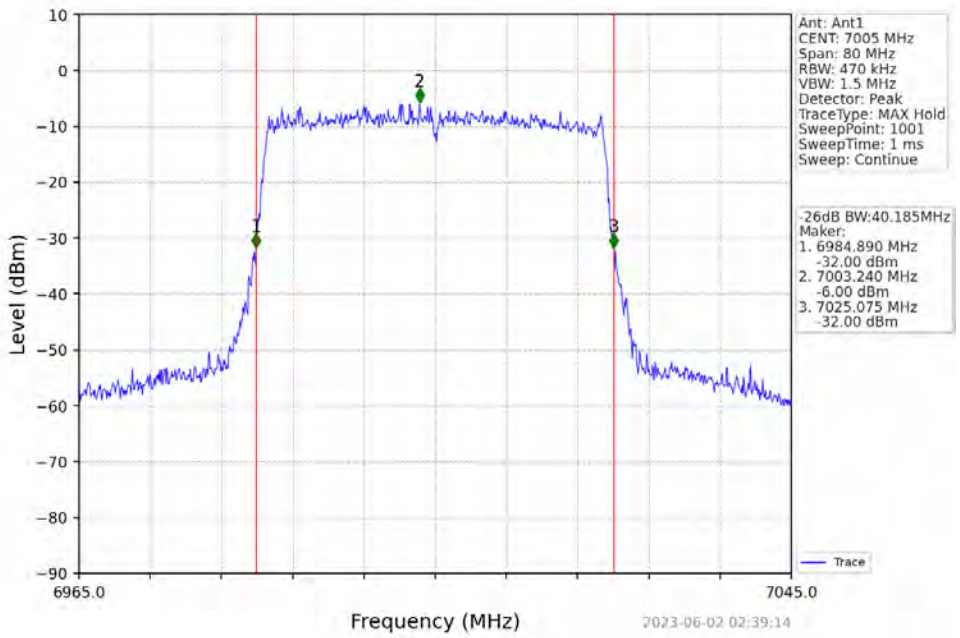

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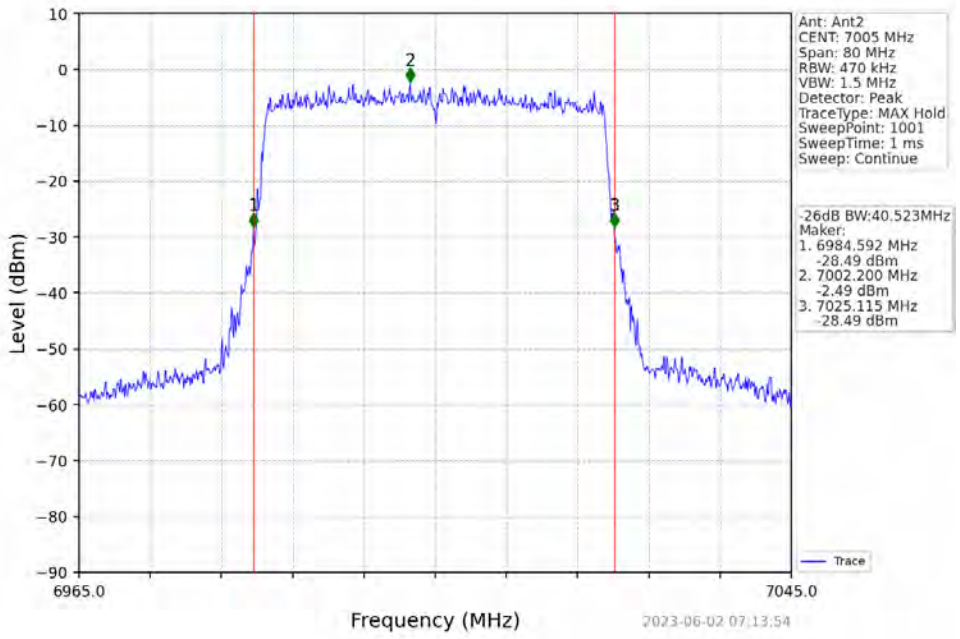

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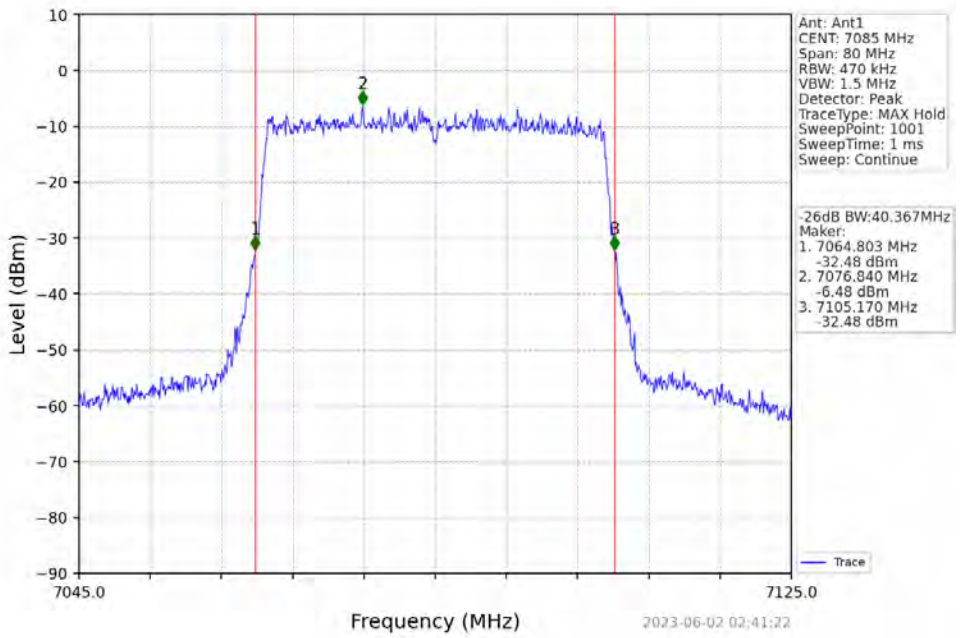

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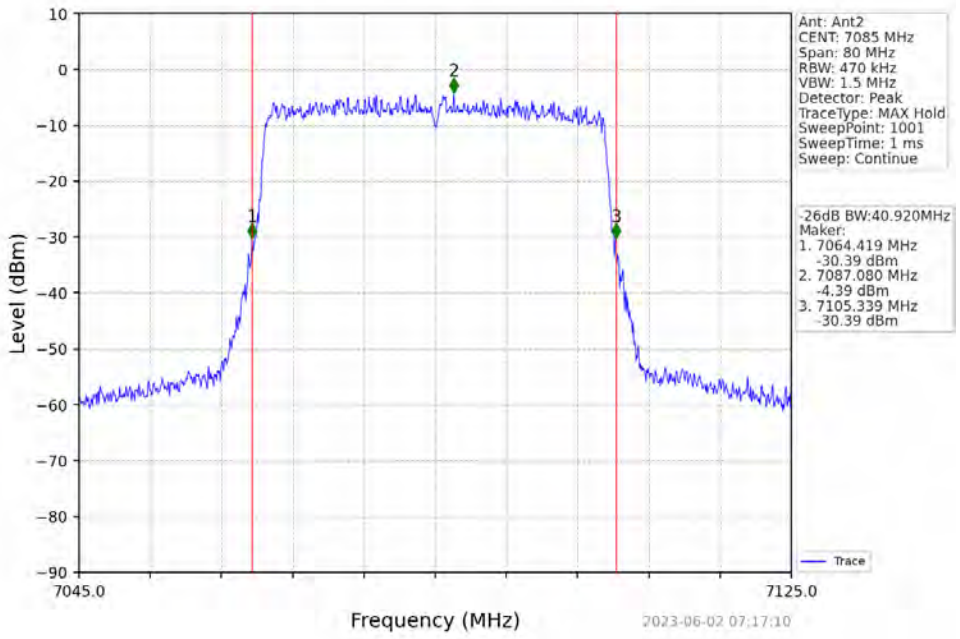

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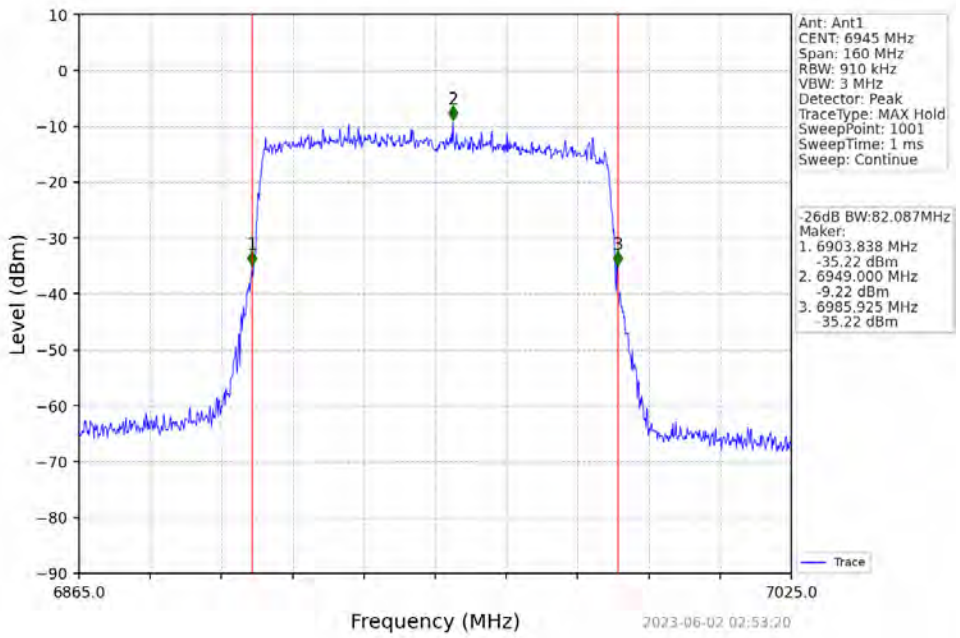

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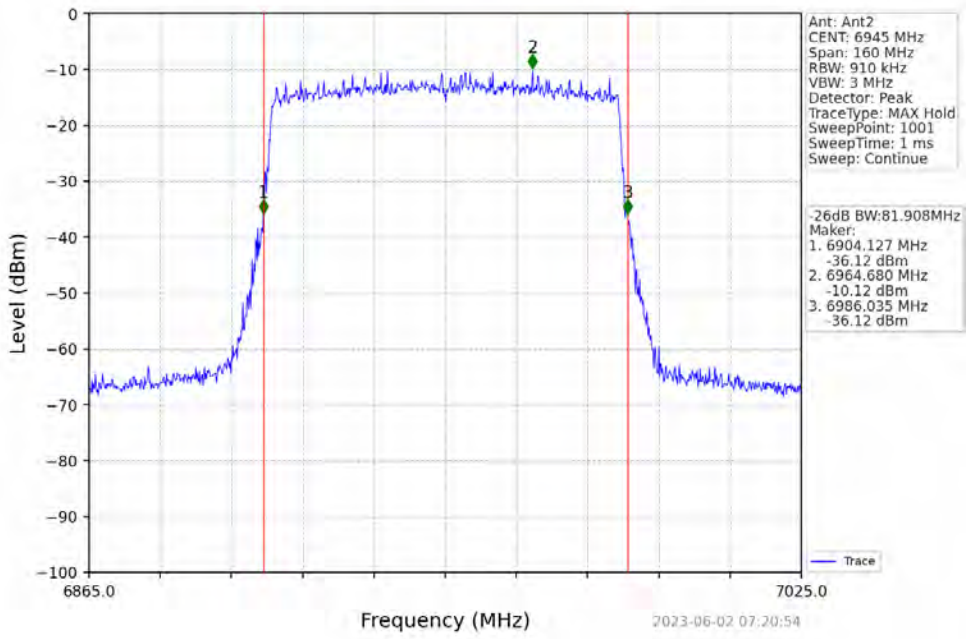

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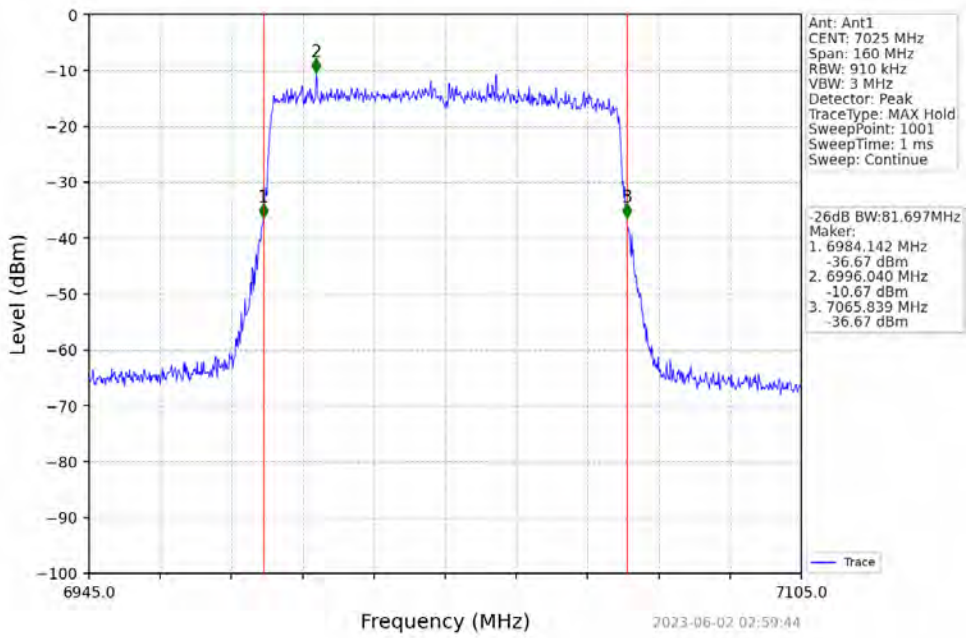

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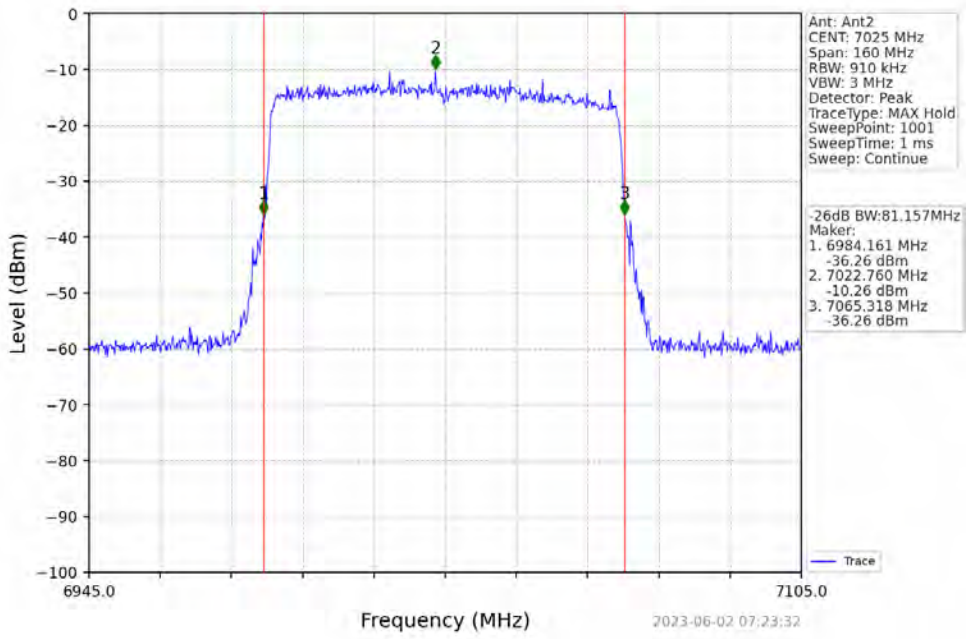

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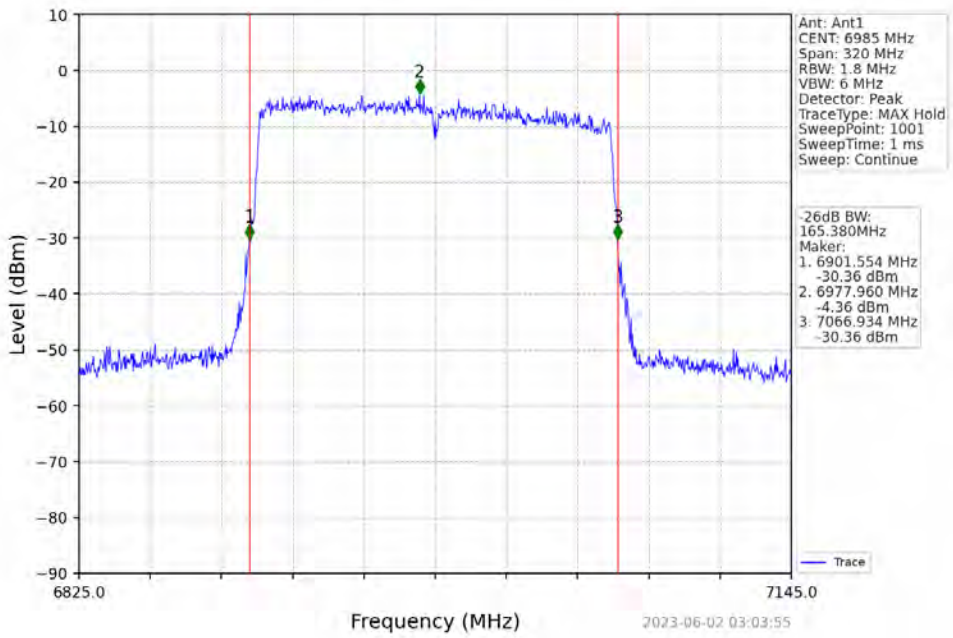

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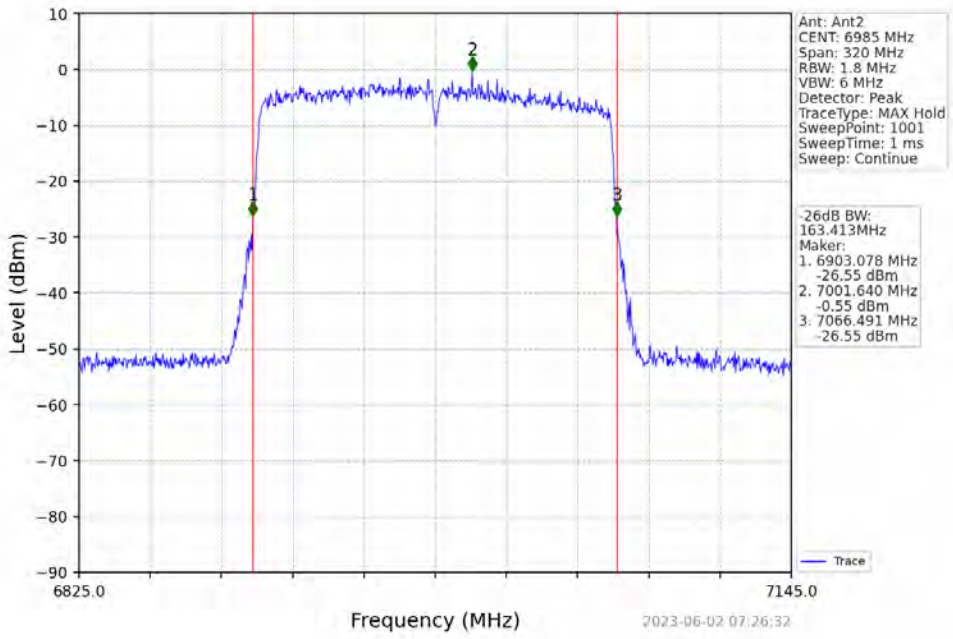

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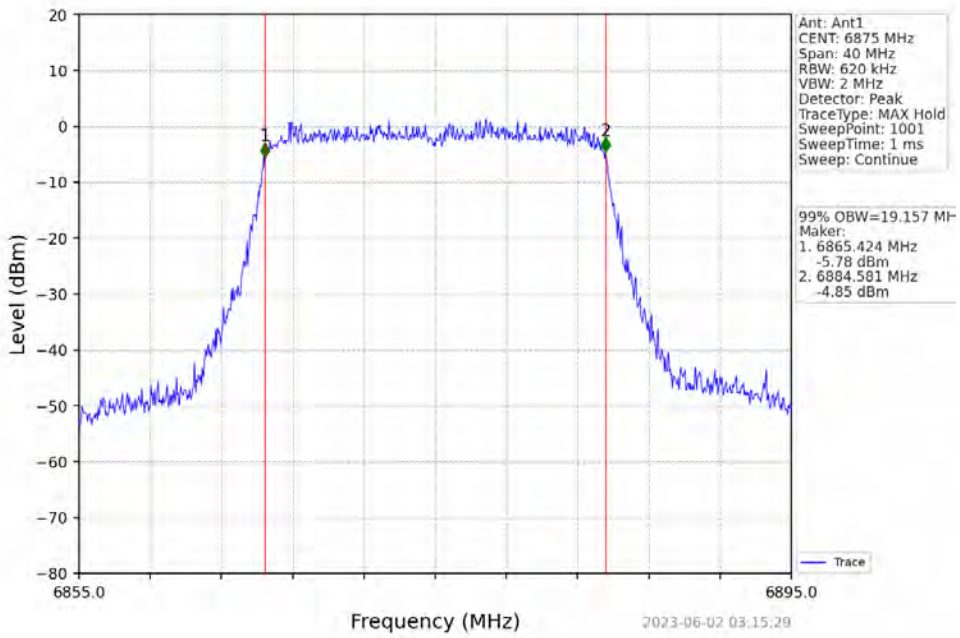

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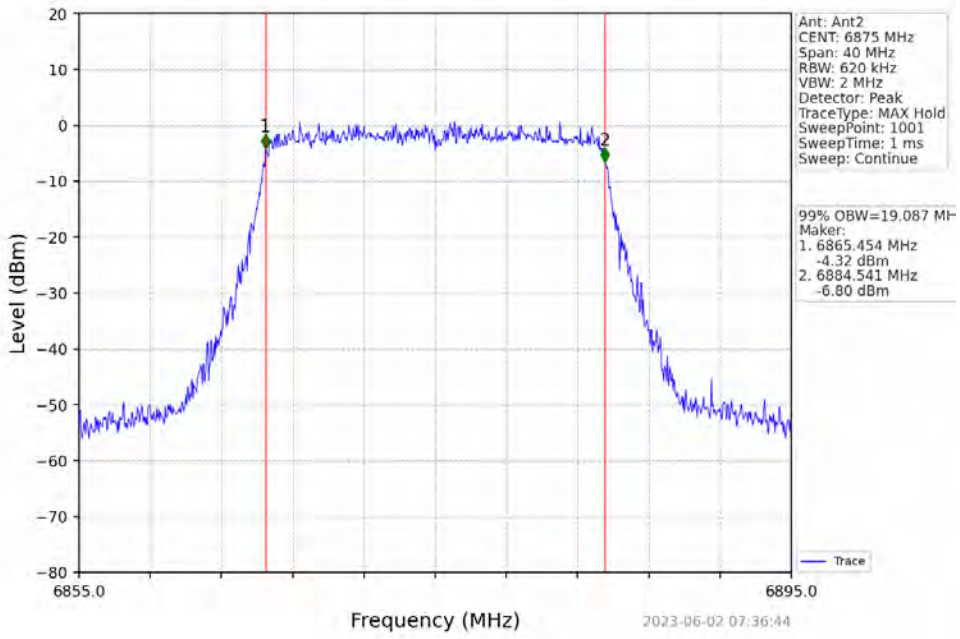

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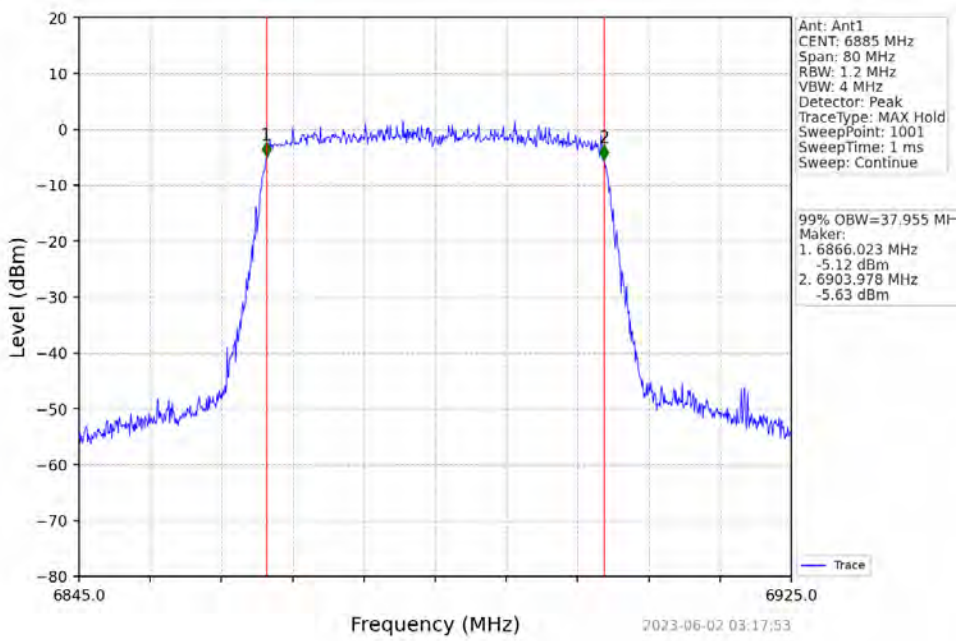

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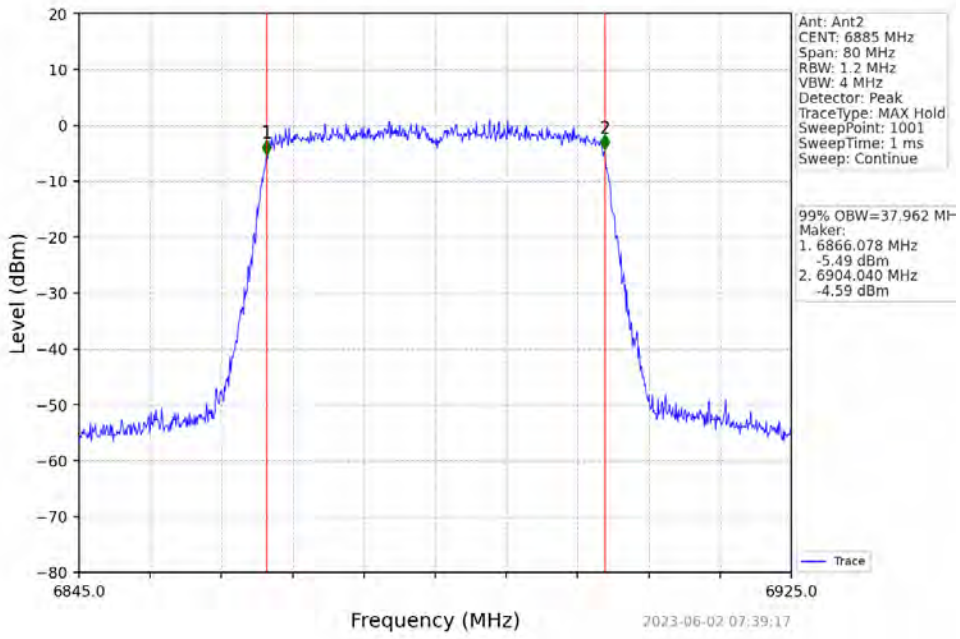

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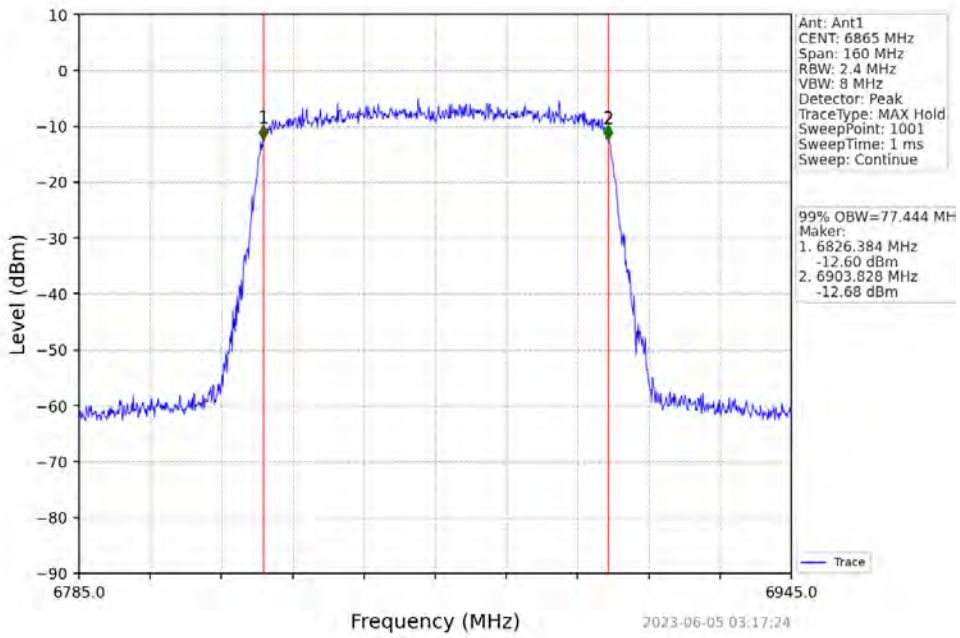

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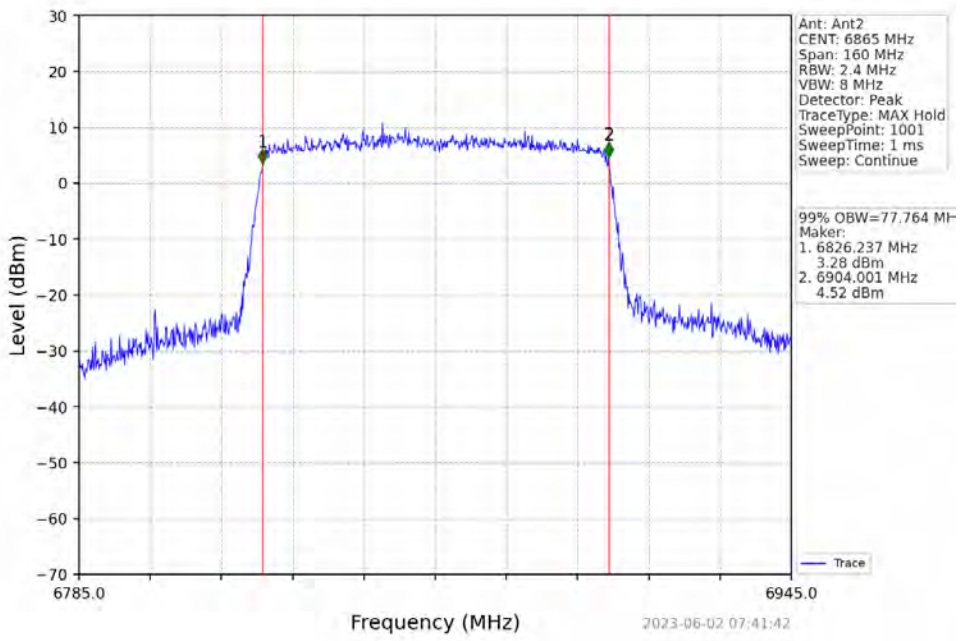

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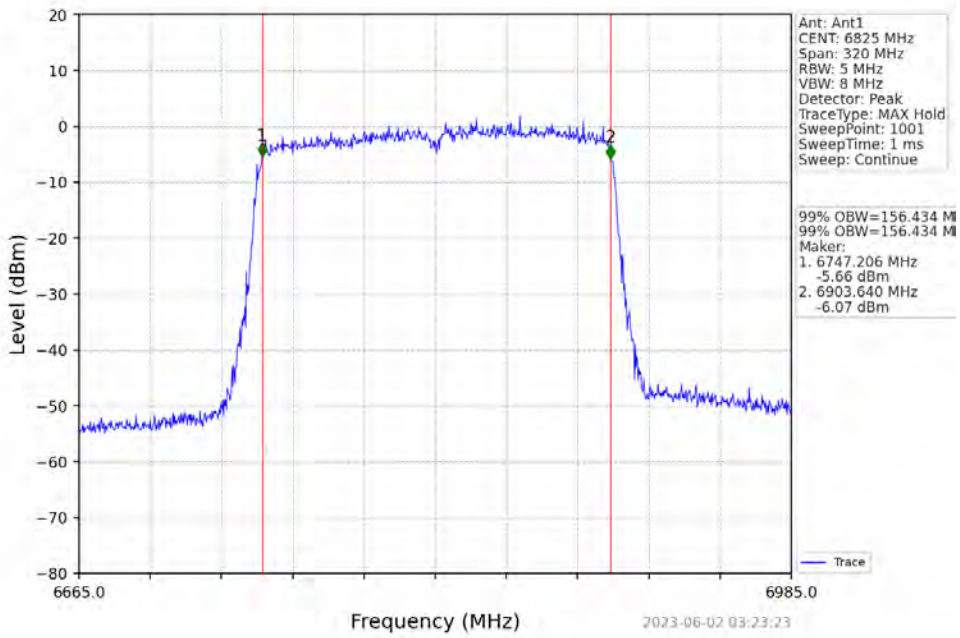
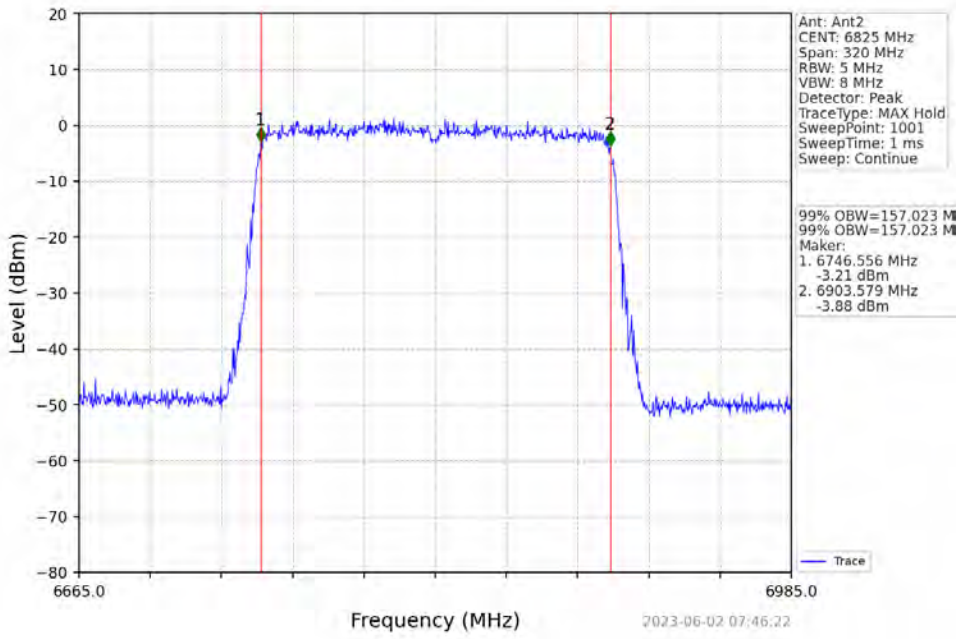


802.11ax(HEW160)_HCH_6825MHz_SU_Ant2_NTNV



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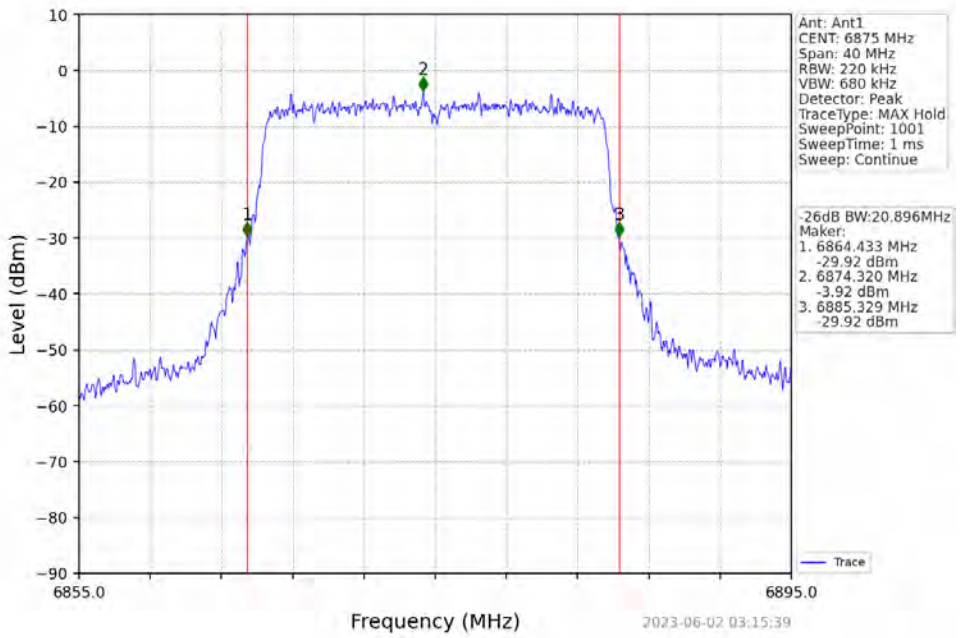

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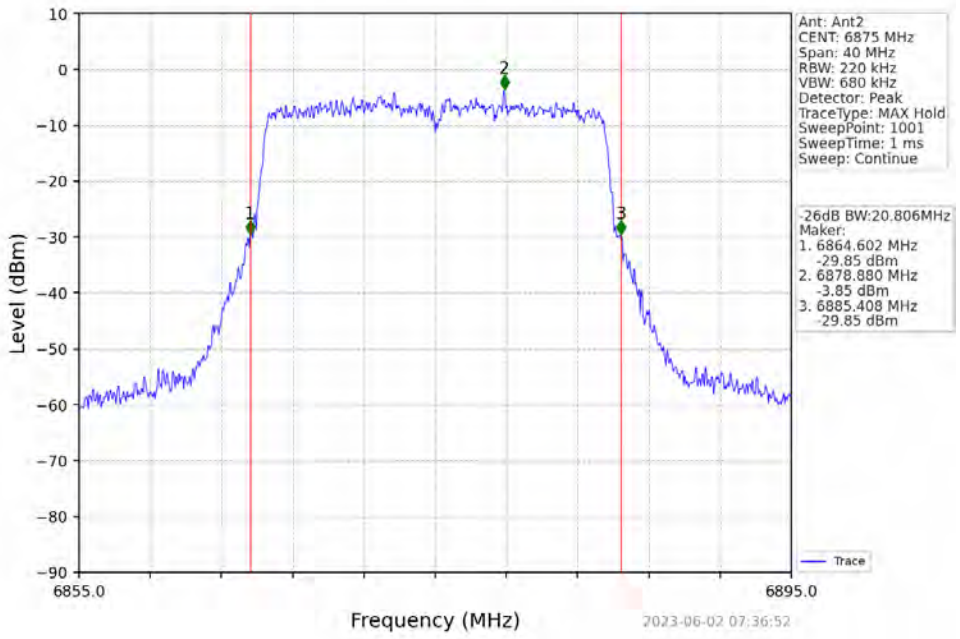

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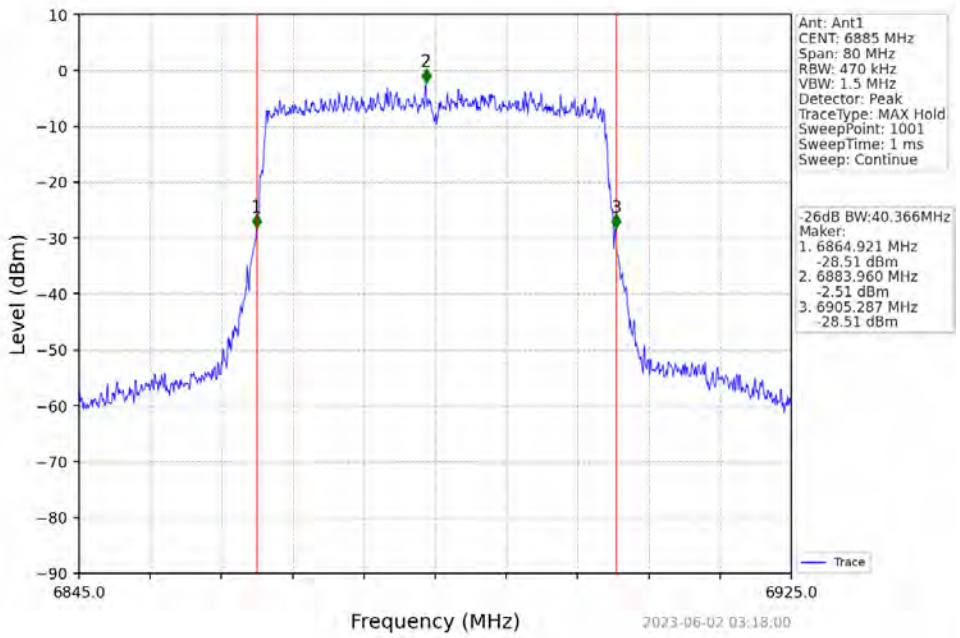

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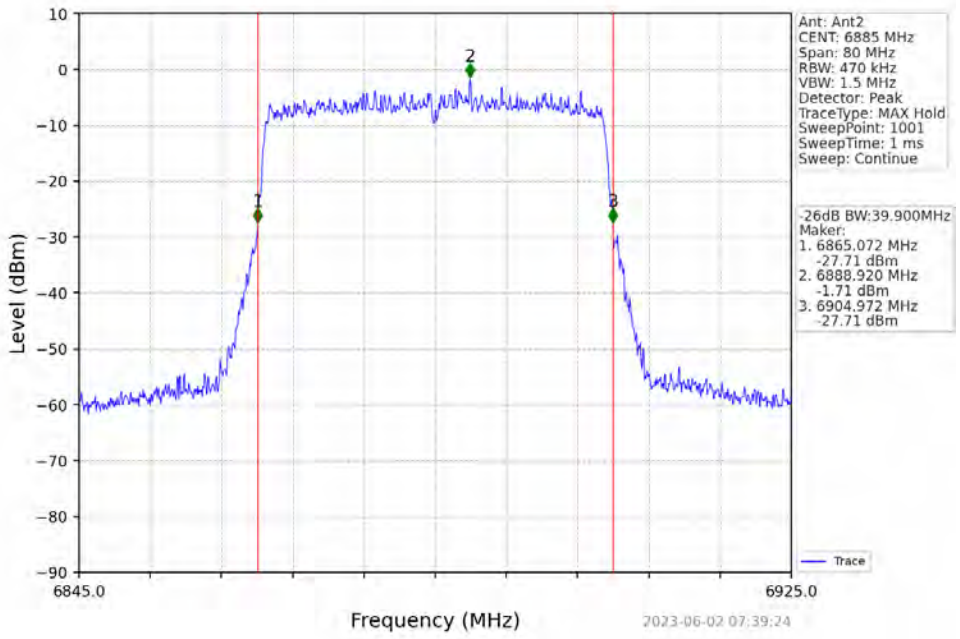

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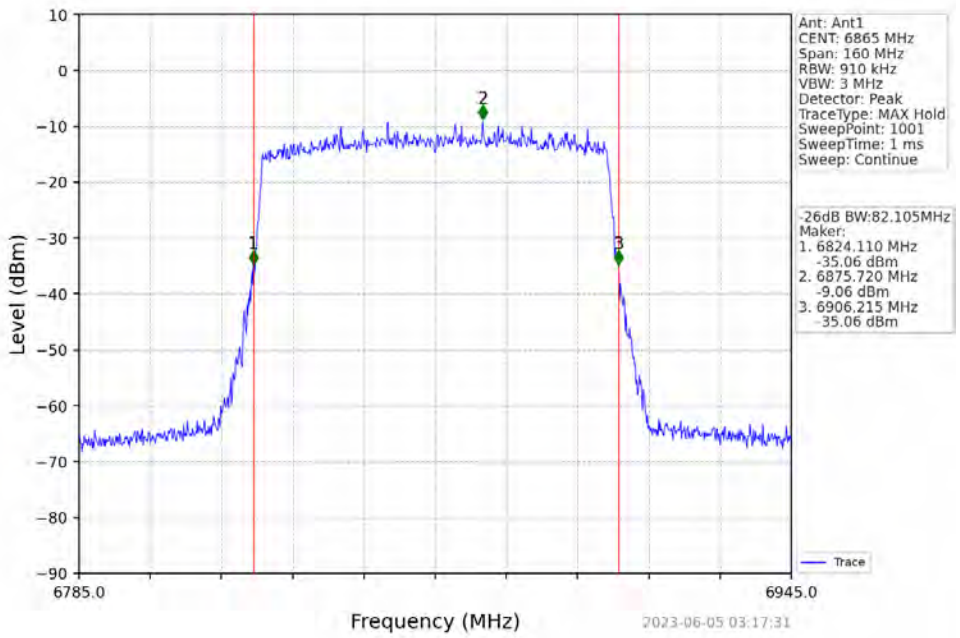

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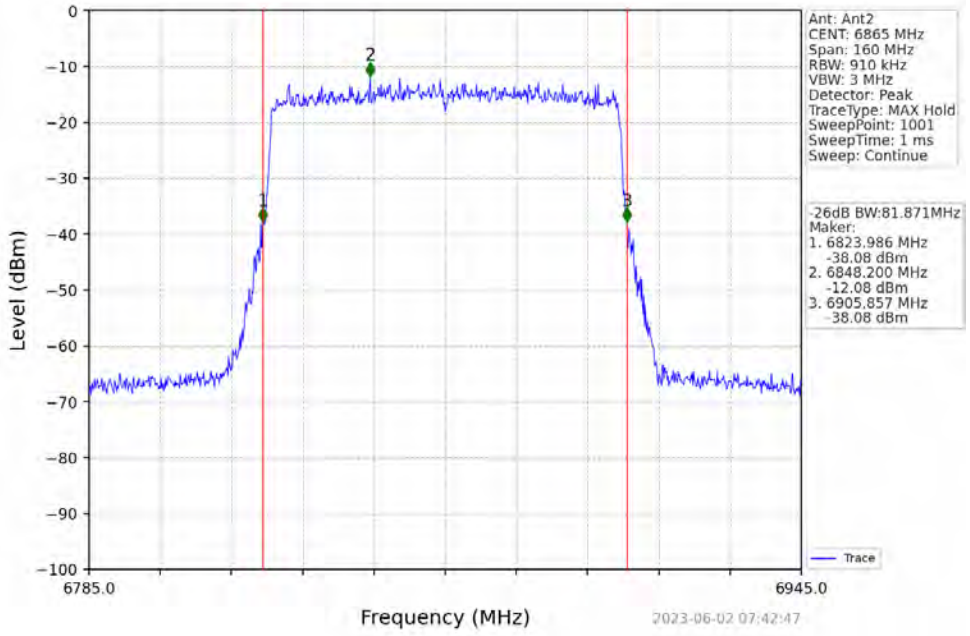

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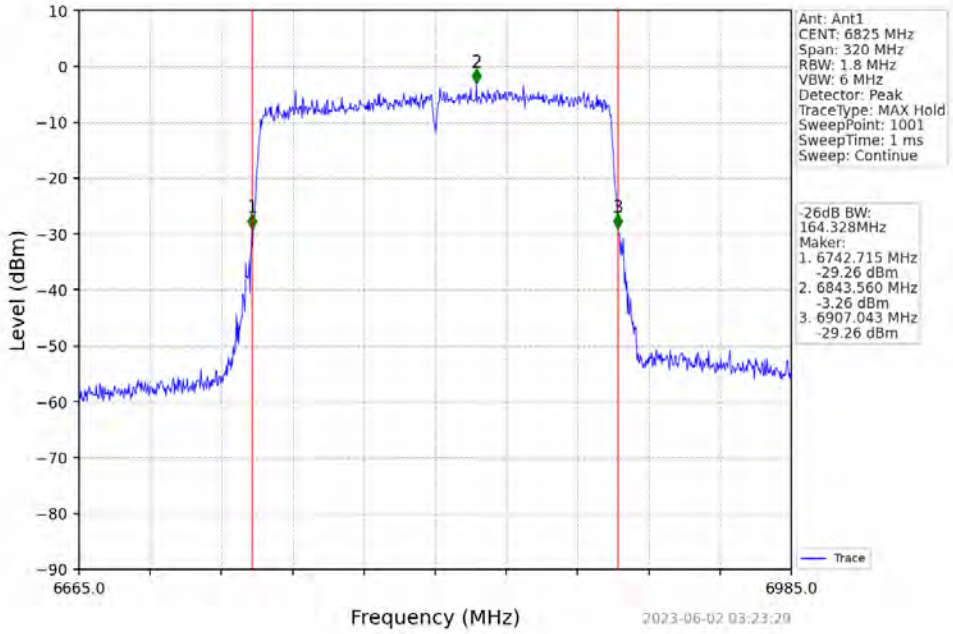

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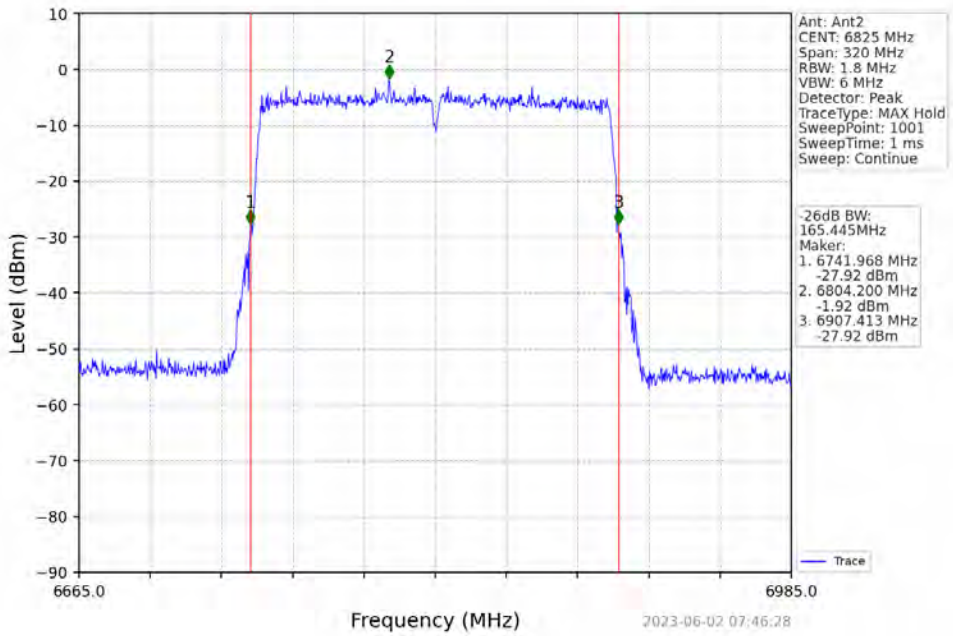

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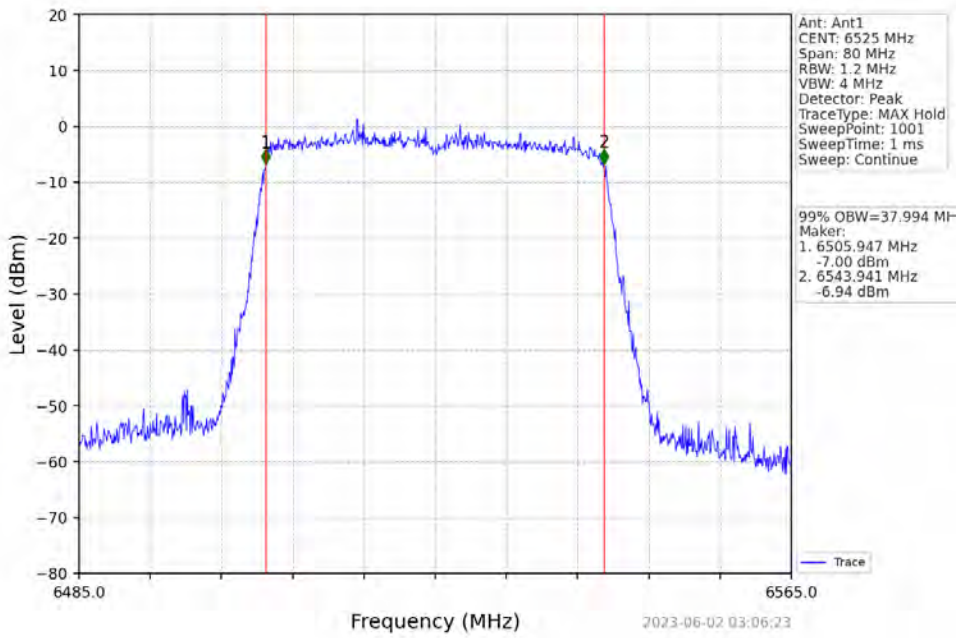

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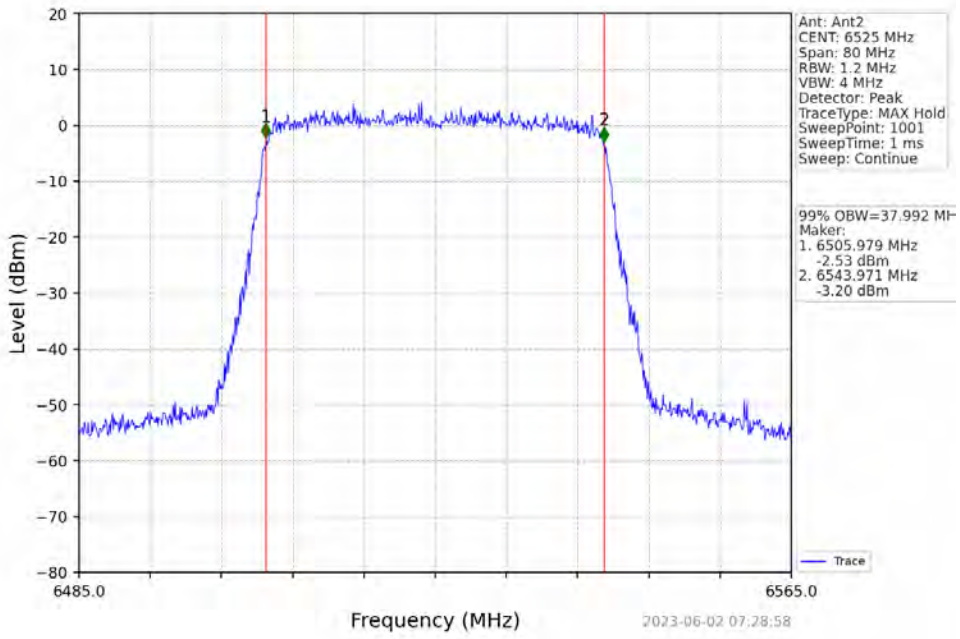

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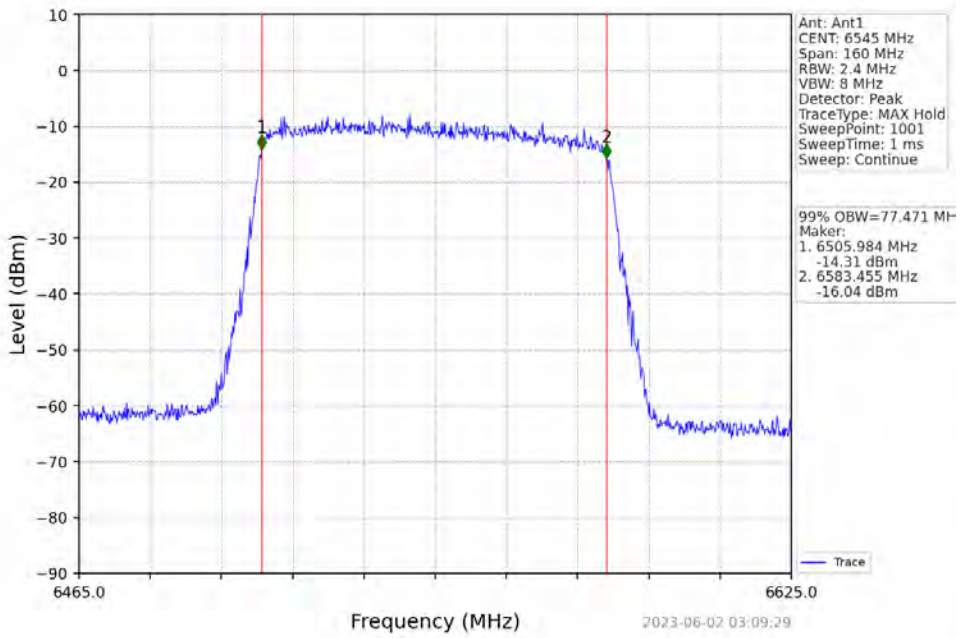

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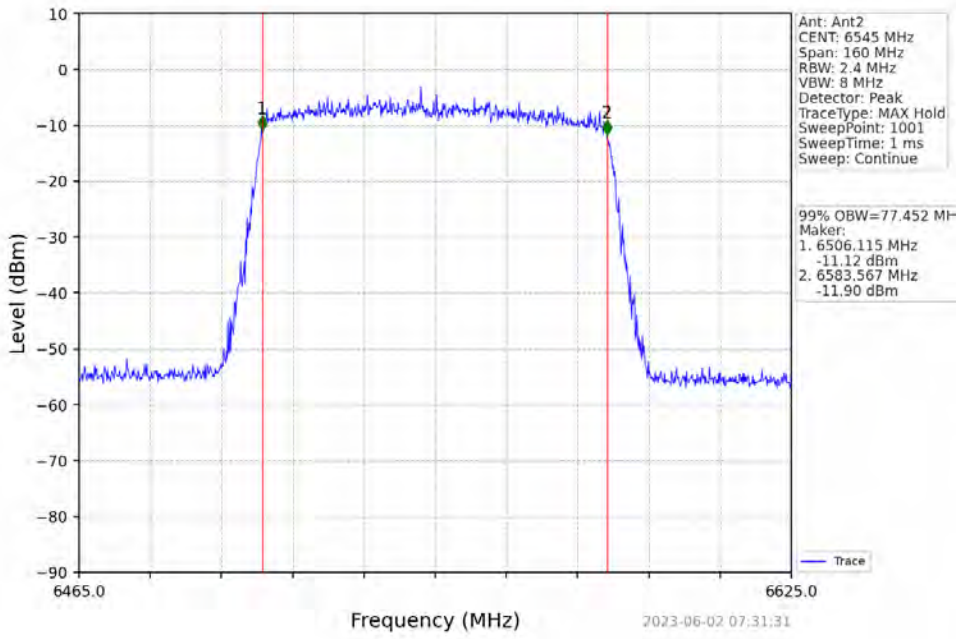

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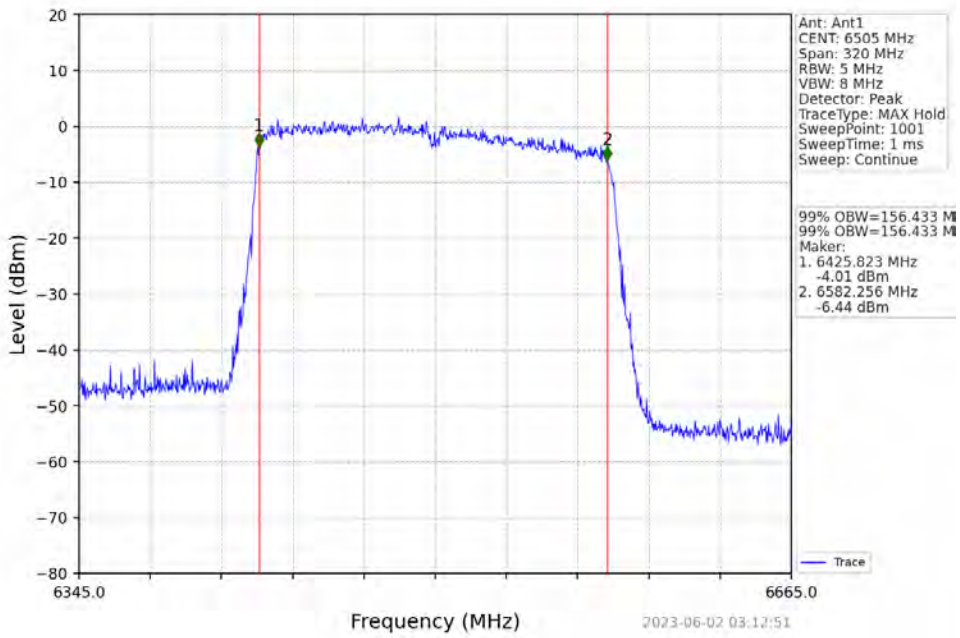

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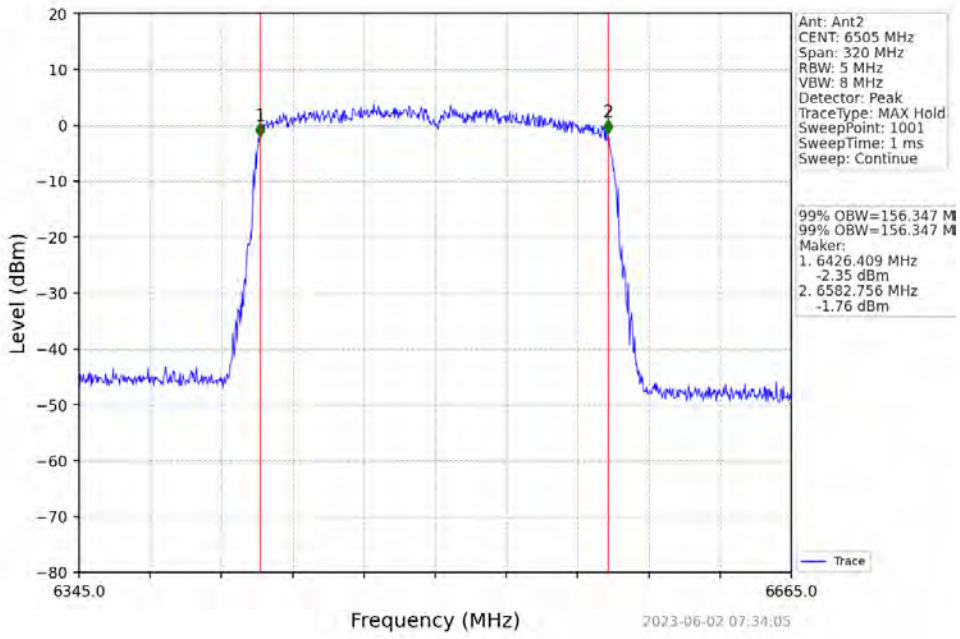

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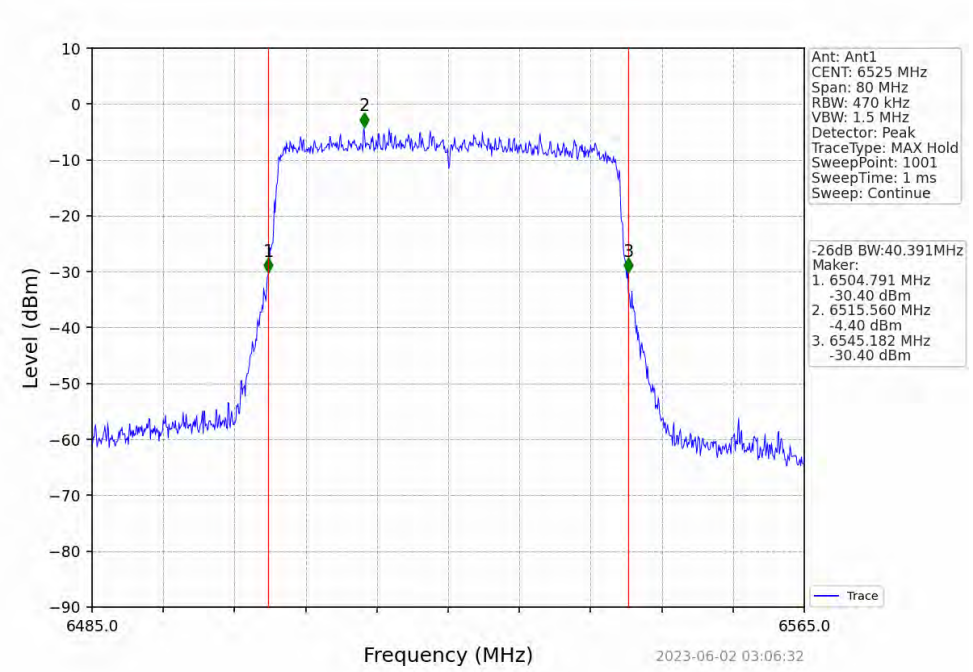

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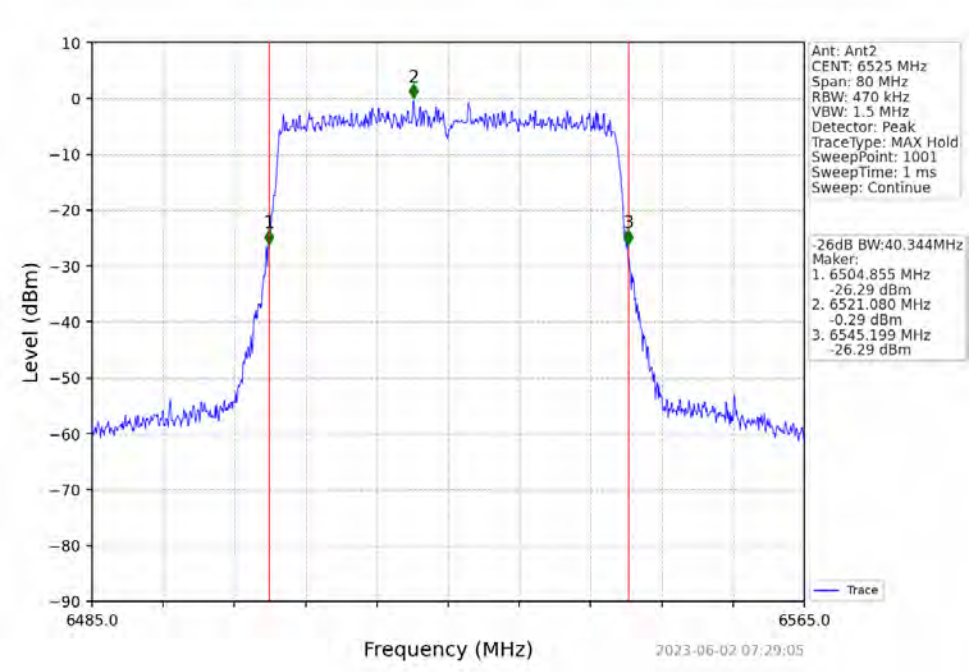

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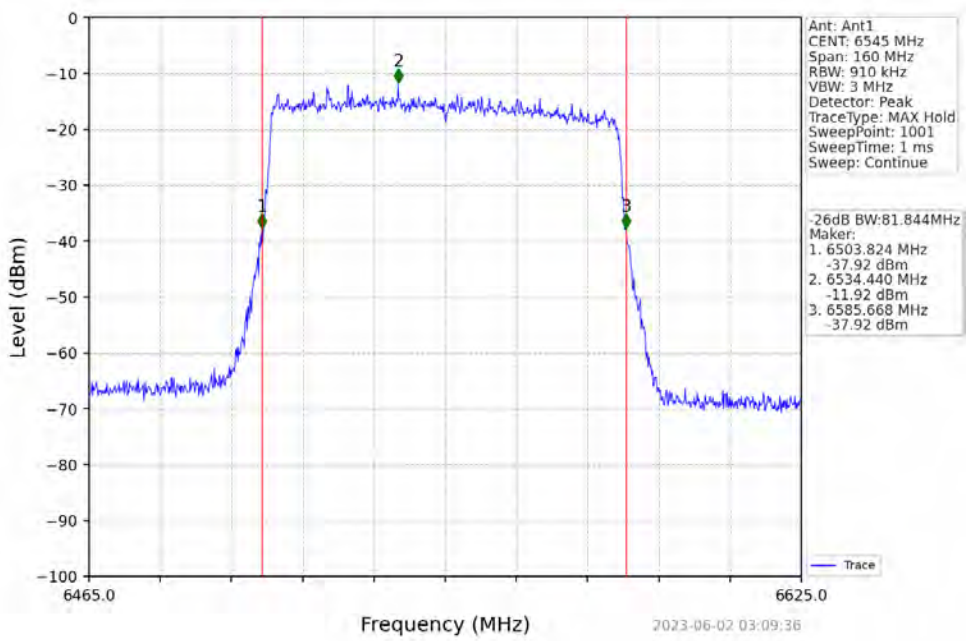

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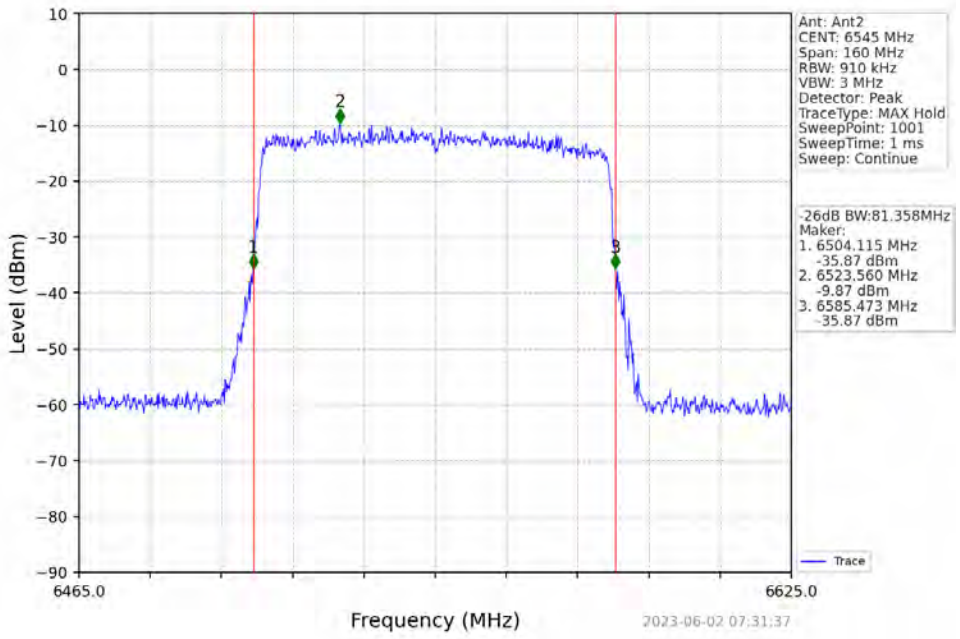

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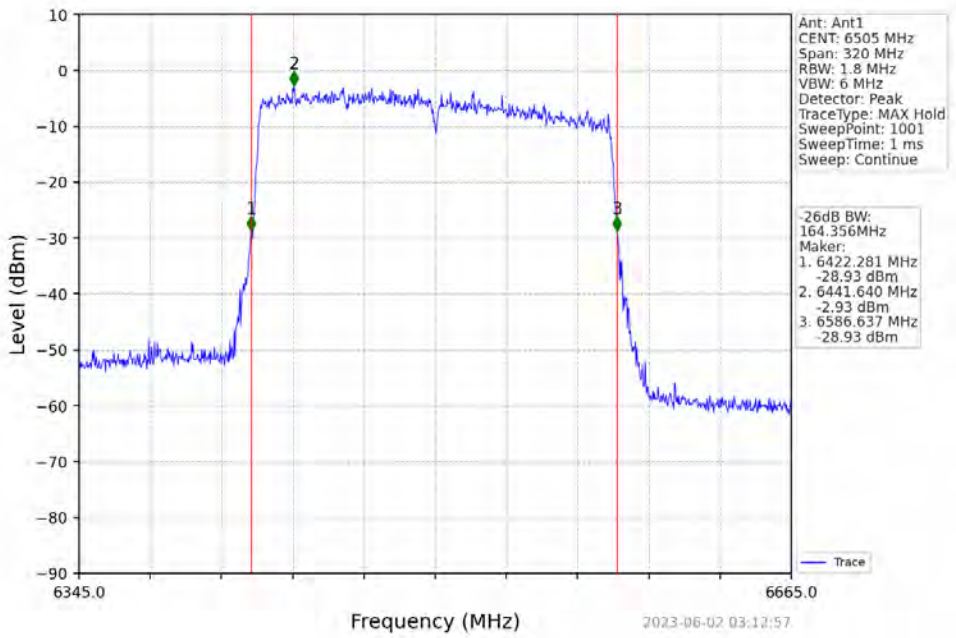
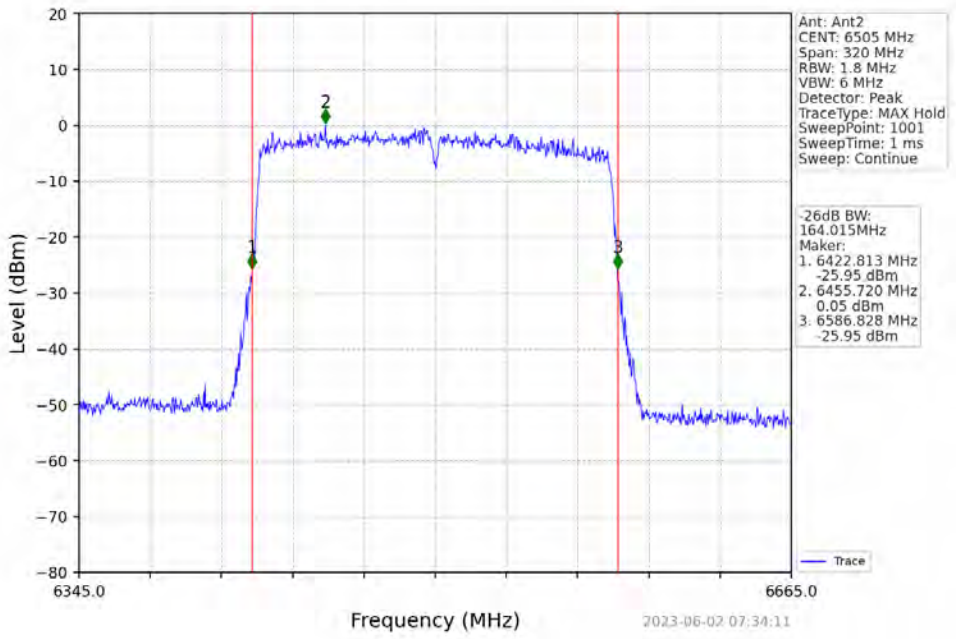


802.11ax(HEW160)_HCH_6505MHz_SU_Ant2_NTNV



5.3. MAXIMUM CONDUCTED OUTPUT POWER

Test Result

ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW20)	5955	SU	4.93	5.98	8.49	Pass
		6175	SU	4.34	4.46	7.41	Pass
		6415	SU	4.93	5.10	8.03	Pass
	802.11ax (HEW40)	5965	SU	4.77	6.84	8.94	Pass
		6165	SU	4.20	4.45	7.34	Pass
		6405	SU	4.71	3.91	7.34	Pass
	802.11ax (HEW80)	5985	SU	4.17	-0.59	5.42	Pass
		6145	SU	3.86	-3.14	4.65	Pass
		6385	SU	4.67	-2.14	5.49	Pass
	802.11ax (HEW160)	6025	SU	4.71	6.72	8.84	Pass
		6185	SU	4.36	4.55	7.47	Pass
		6345	SU	5.31	2.99	7.32	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW20)	6435	SU	4.64	5.03	7.85	Pass
		6475	SU	3.87	4.72	7.32	Pass
		6515	SU	4.76	5.19	7.99	Pass
	802.11ax (HEW40)	6445	SU	4.32	4.62	7.48	Pass
		6485	SU	3.54	4.38	6.99	Pass
	802.11ax (HEW80)	6465	SU	-0.96	-1.53	1.76	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW20)	6535	SU	4.07	4.81	7.47	Pass
		6695	SU	4.63	4.79	7.72	Pass
		6855	SU	4.45	4.55	7.51	Pass
	802.11ax (HEW40)	6565	SU	2.93	6.10	7.8	Pass
		6685	SU	2.47	4.63	6.69	Pass
		6845	SU	3.23	4.48	6.91	Pass
	802.11ax (HEW80)	6625	SU	2.01	-3.19	3.16	Pass
		6705	SU	2.82	-2.95	3.84	Pass
		6785	SU	3.93	-2.88	4.76	Pass
	802.11ax (HEW160)	6665	SU	2.58	5.00	6.96	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)	Verdict

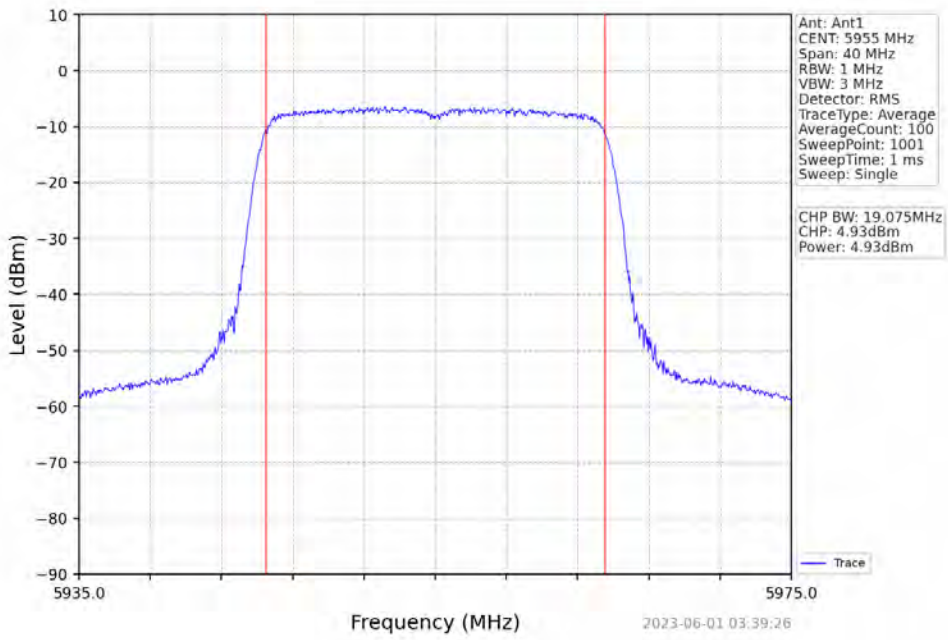
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW20)	6895	SU	4.72	4.82	7.77	Pass
		6995	SU	4.19	5.78	8.06	Pass
		7095	SU	4.82	4.85	7.84	Pass
	802.11ax (HEW40)	6925	SU	4.24	5.40	7.87	Pass
		7005	SU	2.24	5.55	7.21	Pass
		7085	SU	1.20	3.84	5.73	Pass
	802.11ax (HEW80)	6945	SU	-2.45	-2.79	0.41	Pass
		7025	SU	-4.04	-3.36	-0.7	Pass
	802.11ax (HEW160)	6985	SU	3.17	5.81	7.69	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW20)	6875	SU	4.73	4.49	7.62	Pass
	802.11ax (HEW40)	6885	SU	4.73	4.55	7.65	Pass
	802.11ax (HEW80)	6865	SU	-2.29	-4.40	-0.22	Pass
	802.11ax (HEW160)	6825	SU	4.12	4.86	7.51	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

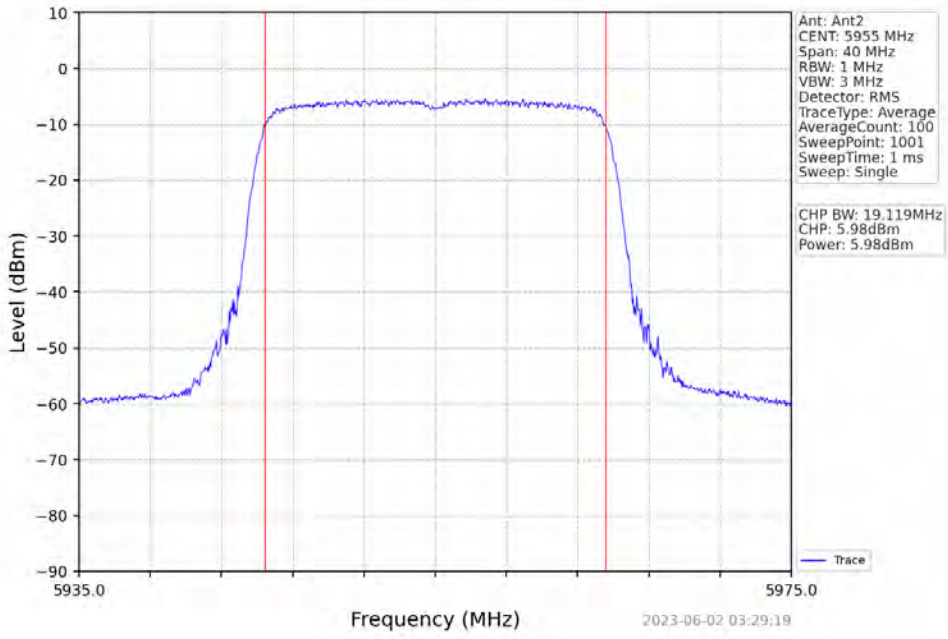
ENV	Mode	Frequency (MHz)	RU	Maximum Average Conducted Output Power (dBm)			Verdict
				ANT1	ANT2	MIMO	
NTNV	802.11ax (HEW40)	6525	SU	3.36	6.97	8.54	Pass
	802.11ax (HEW80)	6545	SU	-5.25	-1.87	-0.2	Pass
	802.11ax (HEW160)	6505	SU	4.31	7.26	9.04	Pass
Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;							

Test Graph

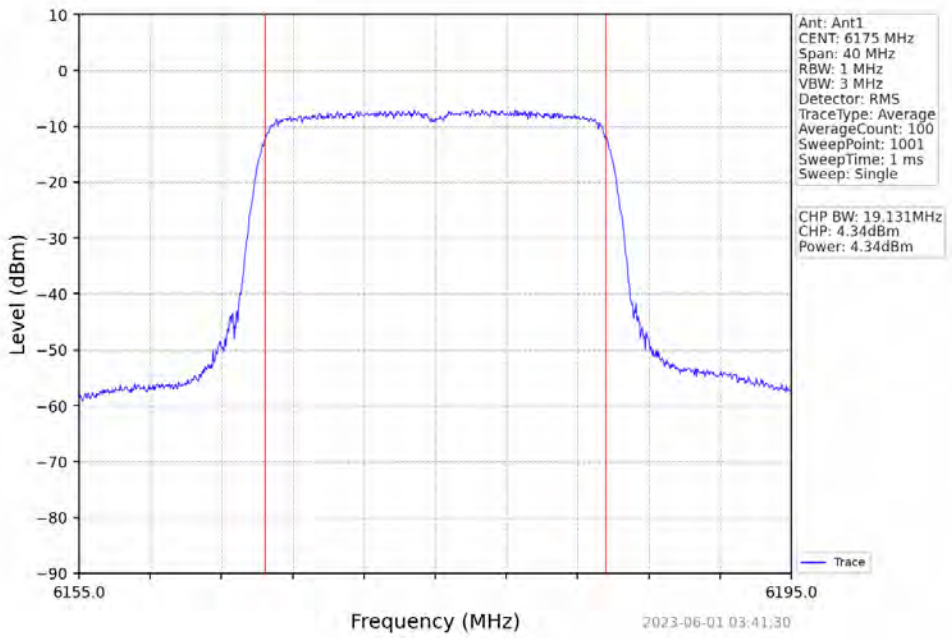
802.11ax(HEW20)_LCH_5955MHz_SU_Ant1_NTNV



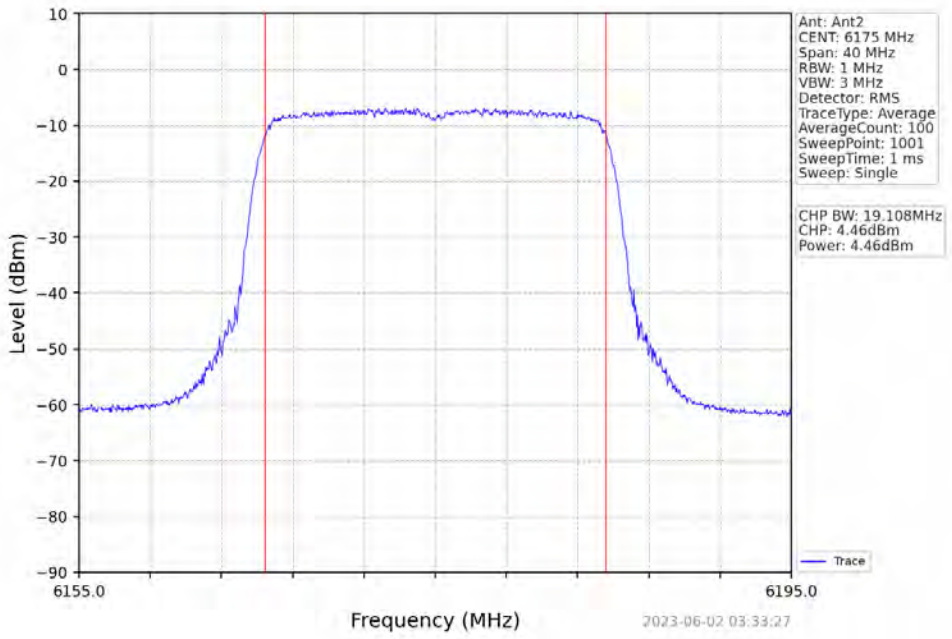
802.11ax(HEW20)_LCH_5955MHz_SU_Ant2_NTNV



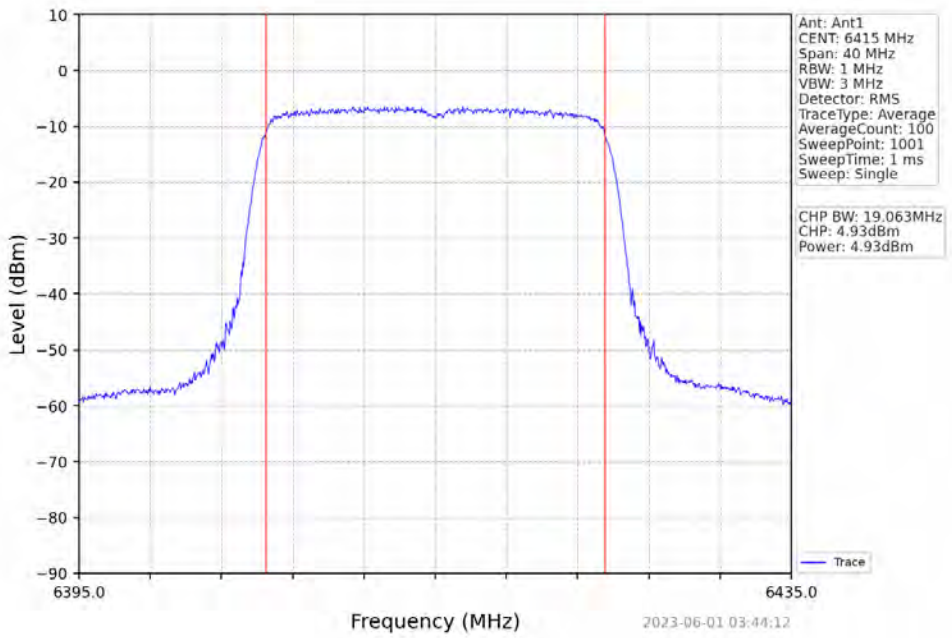
802.11ax(HEW20)_MCH_6175MHz_SU_Ant1_NTNV



802.11ax(HEW20)_MCH_6175MHz_SU_Ant2_NTNV



802.11ax(HEW20)_HCH_6415MHz_SU_Ant1_NTNV



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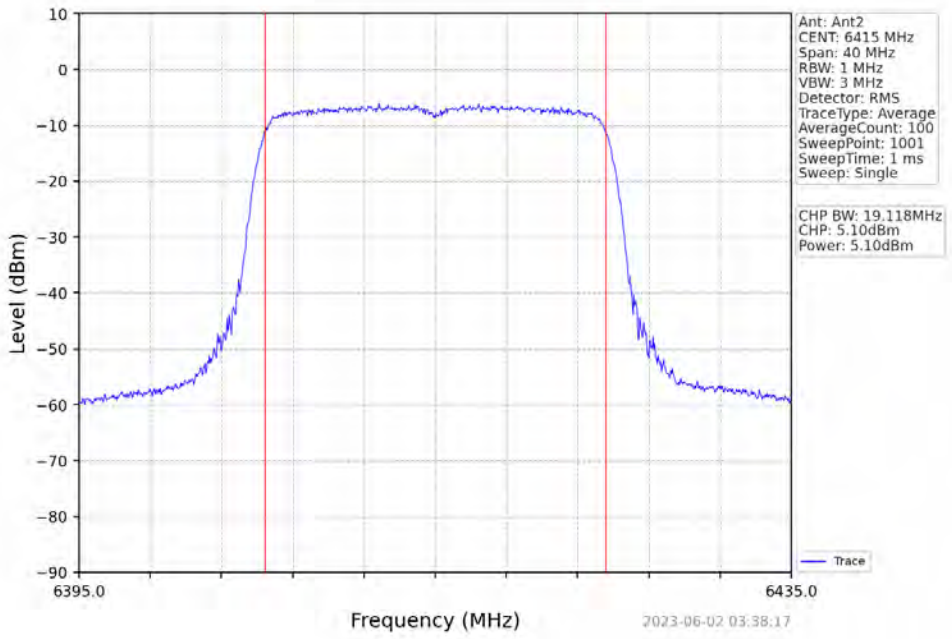

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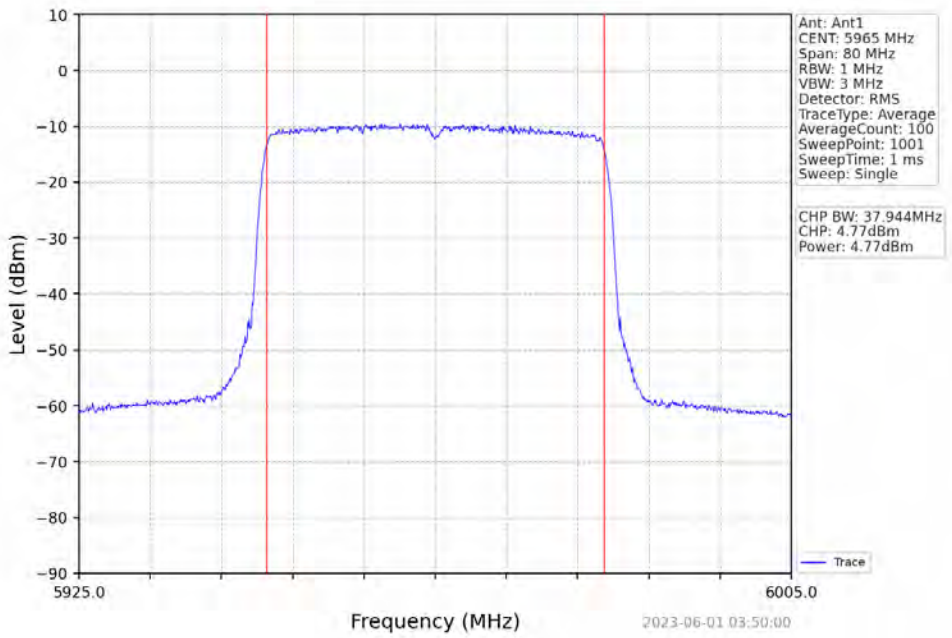

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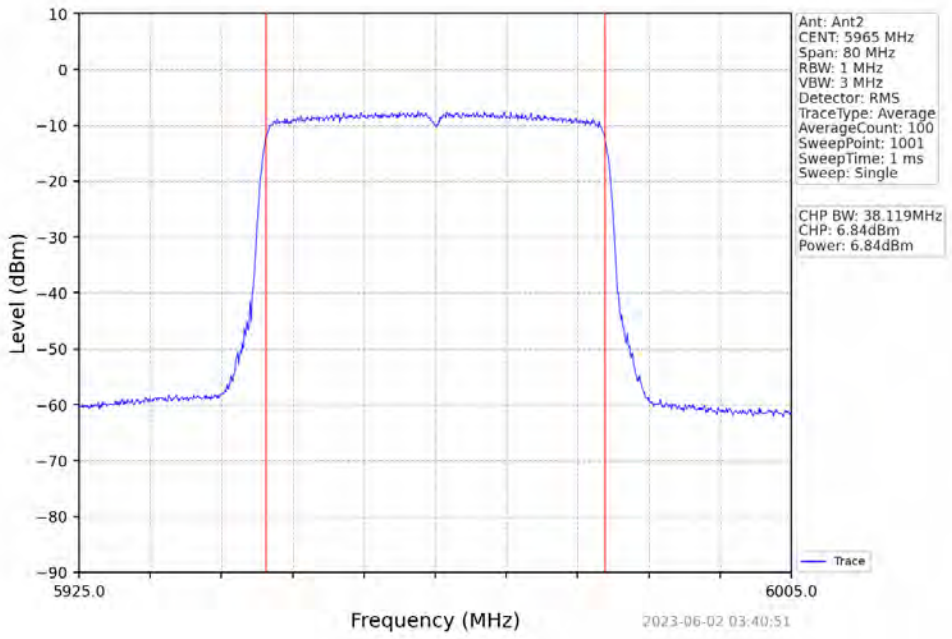
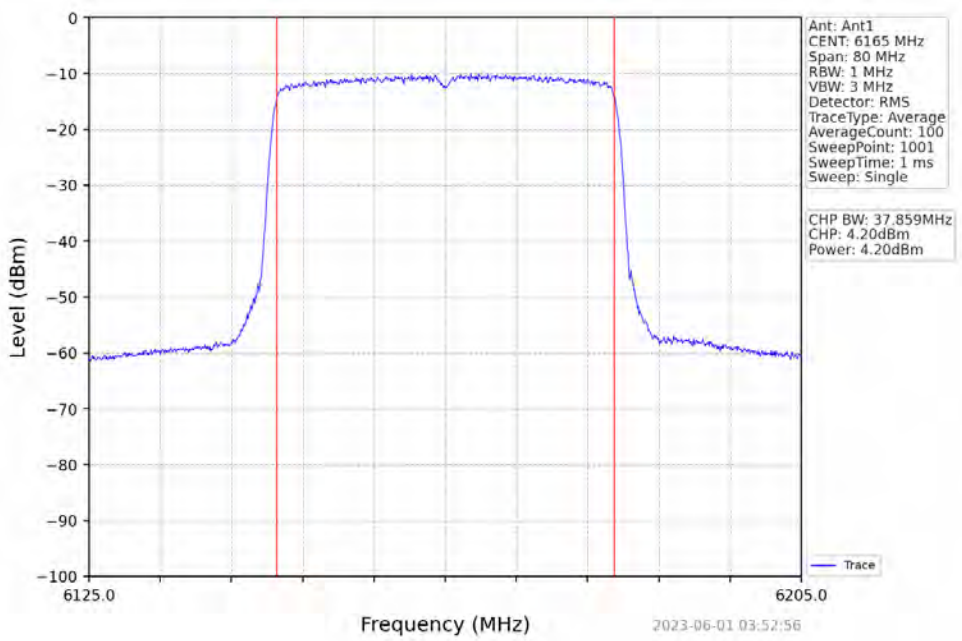


802.11ax(HEW40)_MCH_6165MHz_SU_Ant1_NTNV



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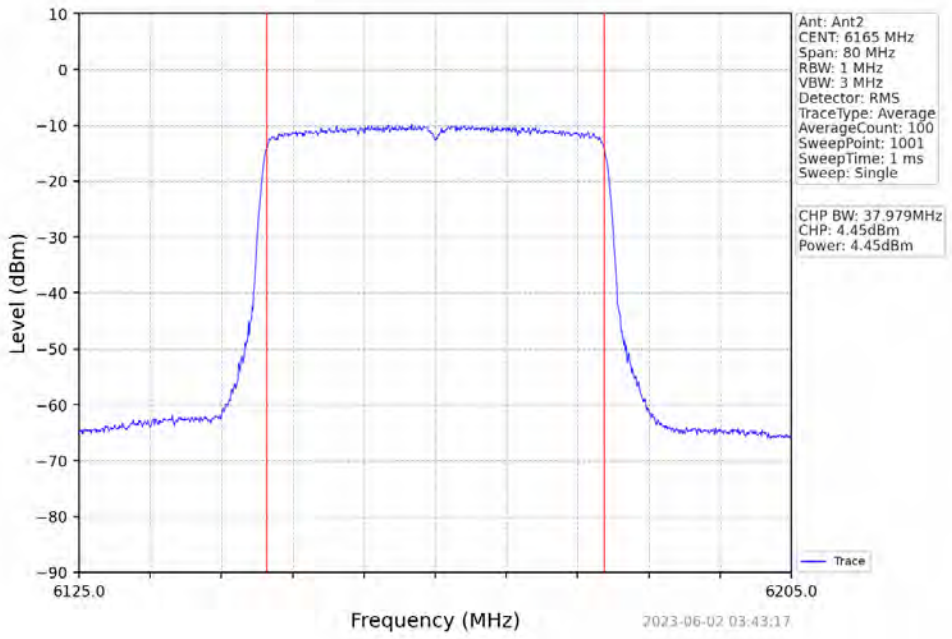
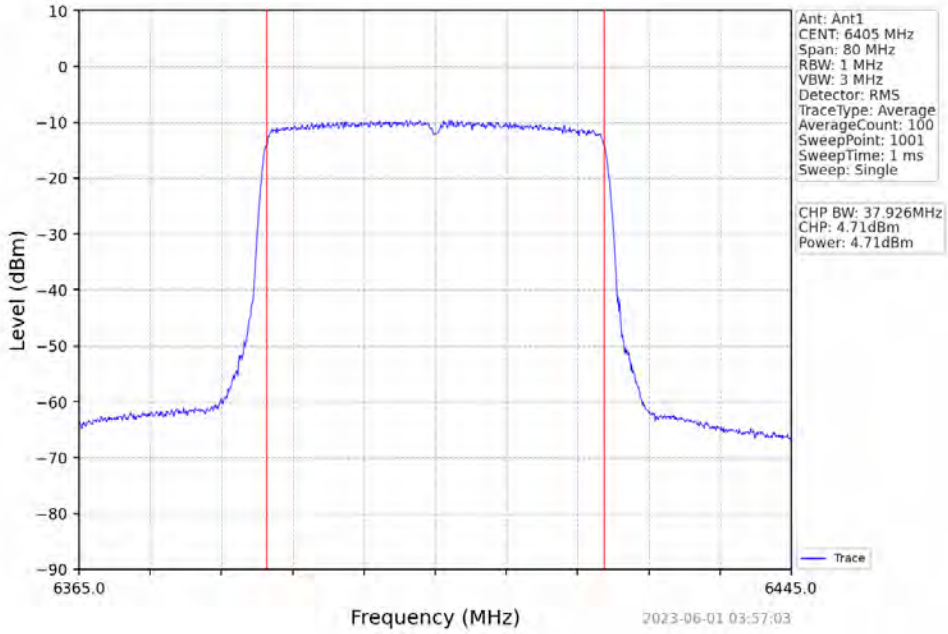
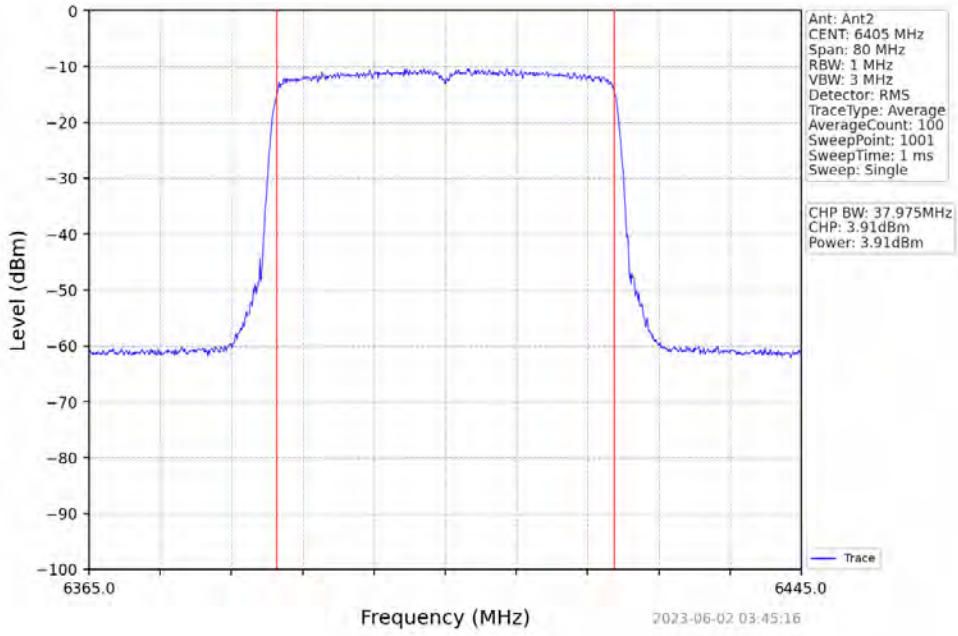


802.11ax(HEW40)_HCH_6405MHz_SU_Ant1_NTNV



802.11ax(HEW40)_HCH_6405MHz_SU_Ant2_NTNV



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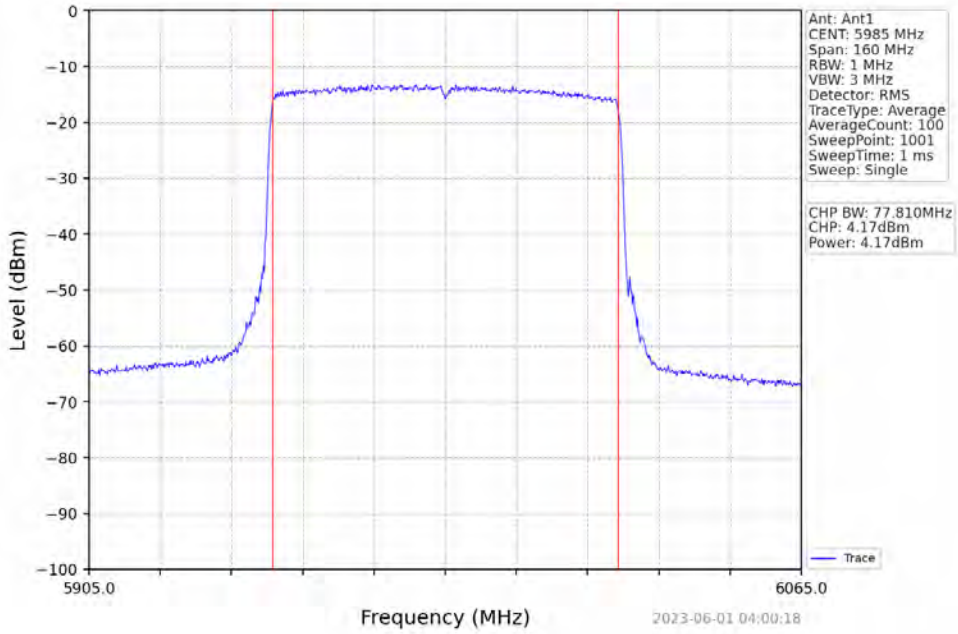
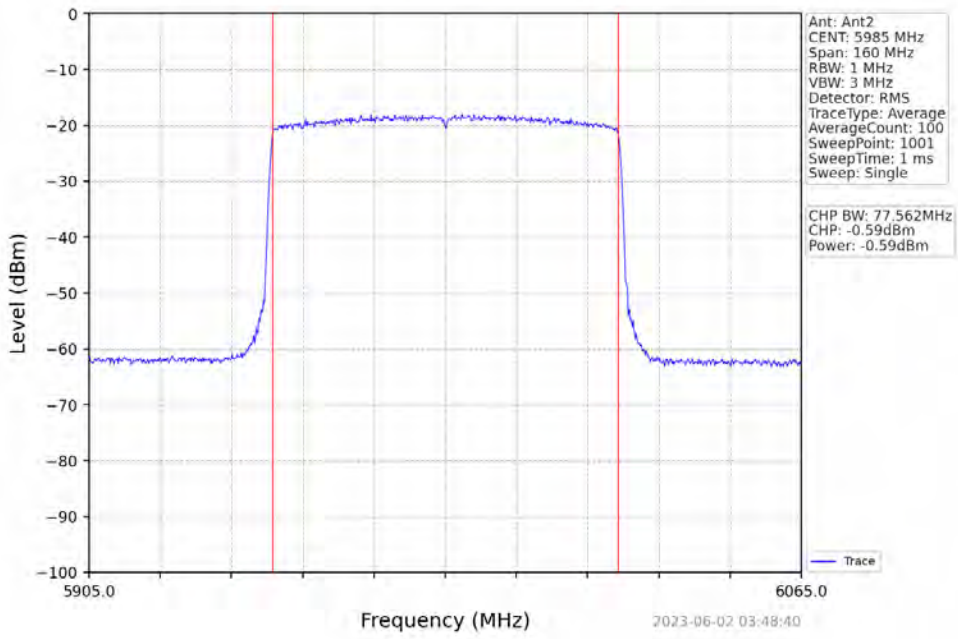
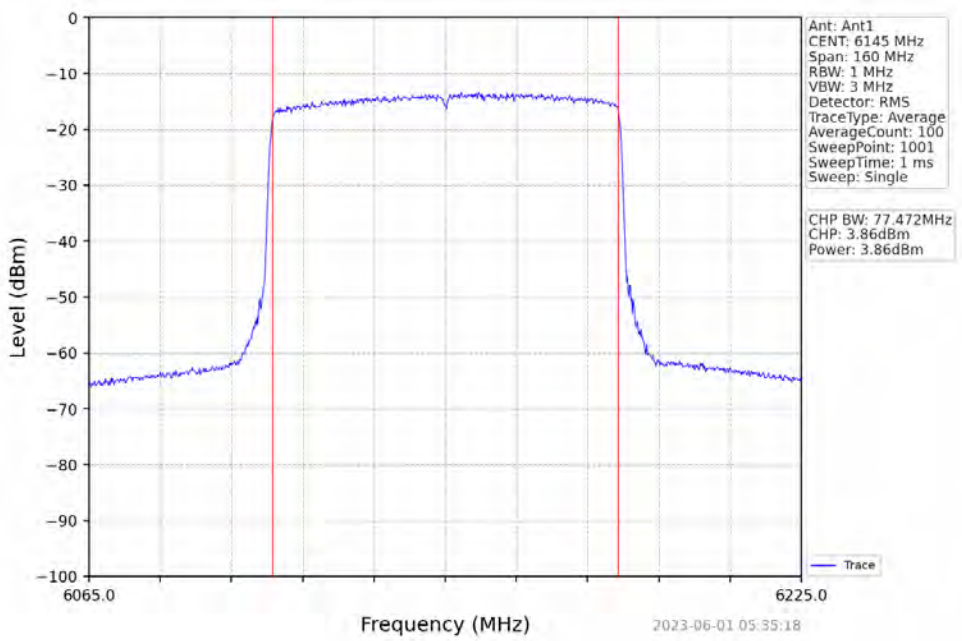


802.11ax(HEW80)_LCH_5985MHz_SU_Ant2_NTNV



802.11ax(HEW80)_MCH_6145MHz_SU_Ant1_NTNV



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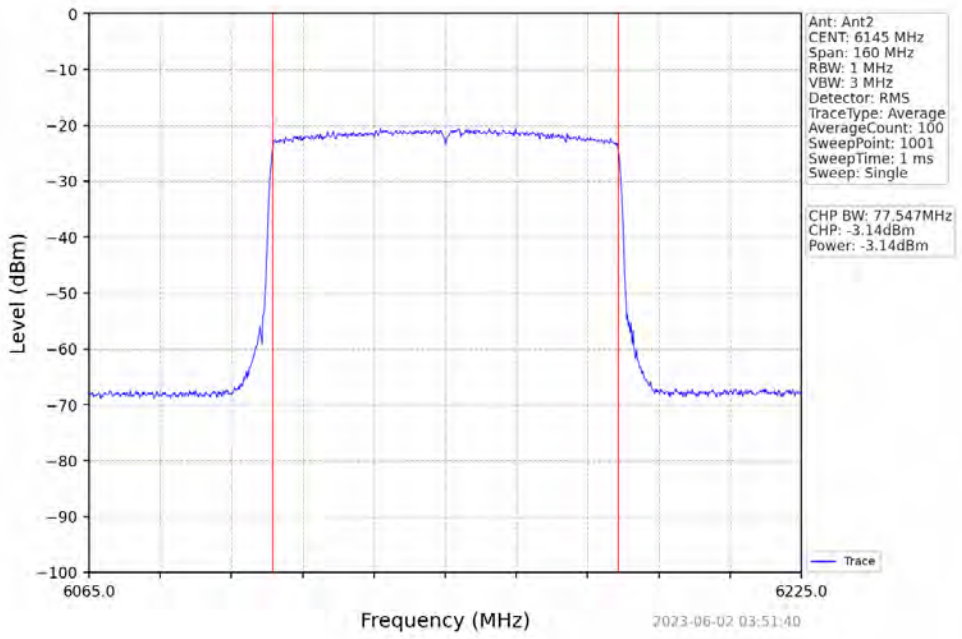
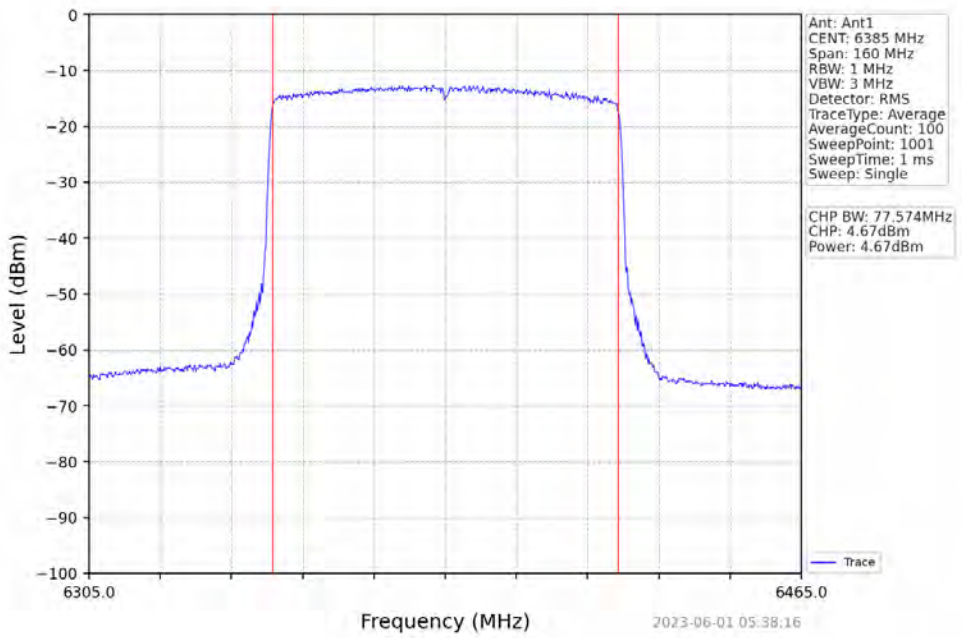
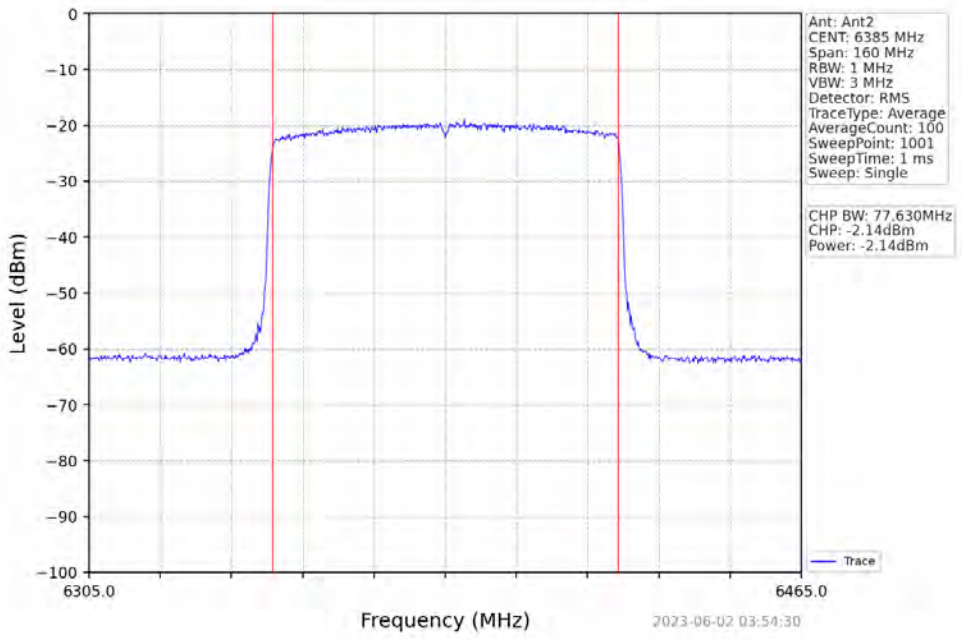


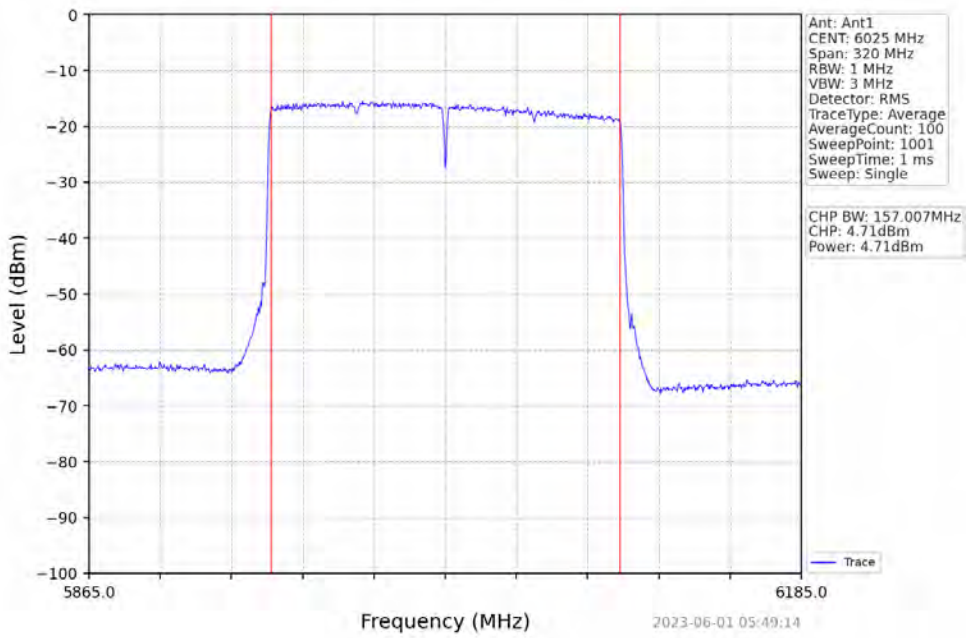
802.11ax(HEW80)_HCH_6385MHz_SU_Ant1_NTNV



802.11ax(HEW80)_HCH_6385MHz_SU_Ant2_NTNV



802.11ax(HEW160)_LCH_6025MHz_SU_Ant1_NTNV



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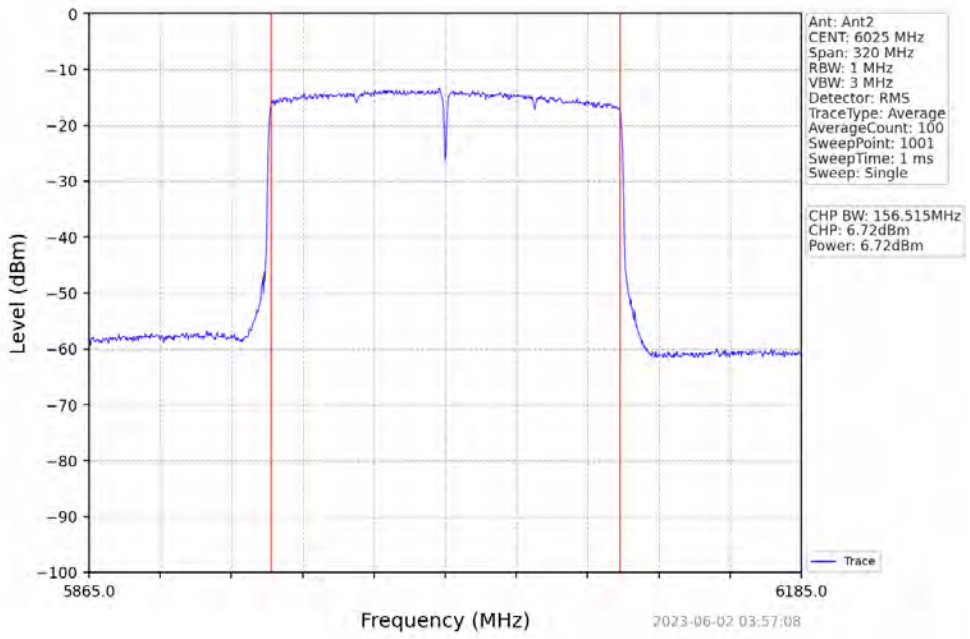
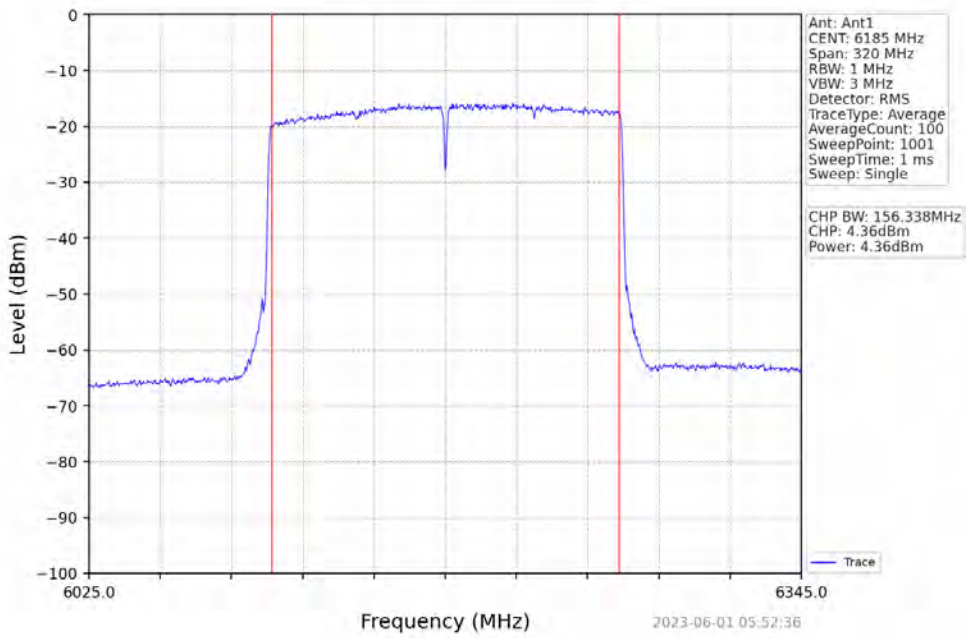


802.11ax(HEW160)_MCH_6185MHz_SU_Ant1_NTNV



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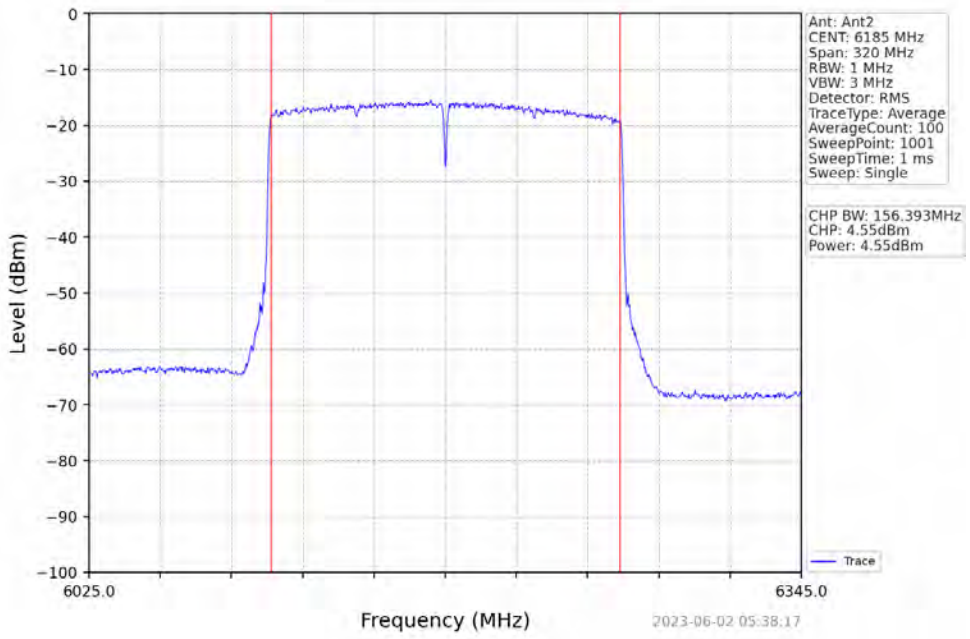

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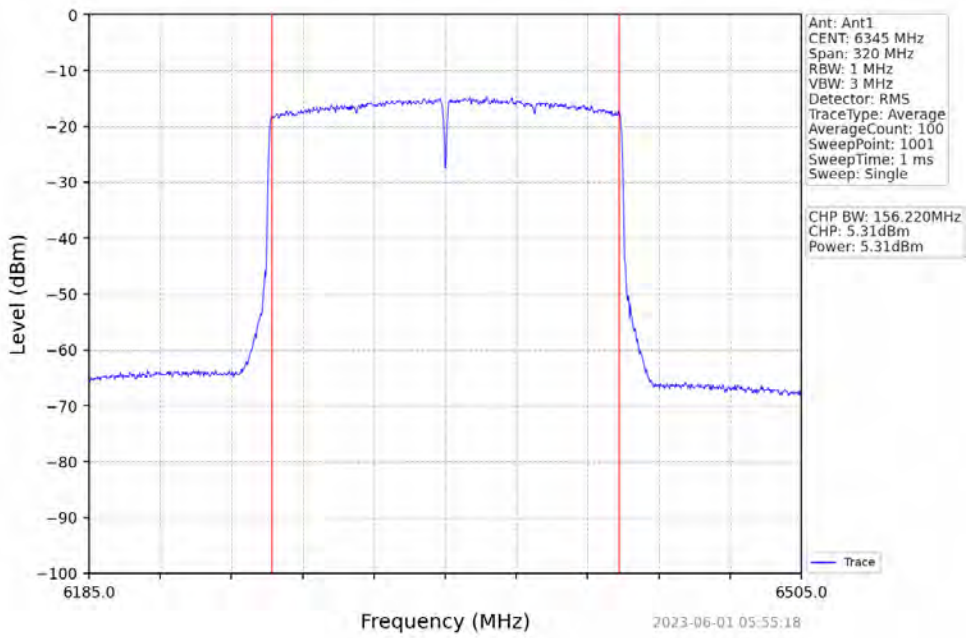

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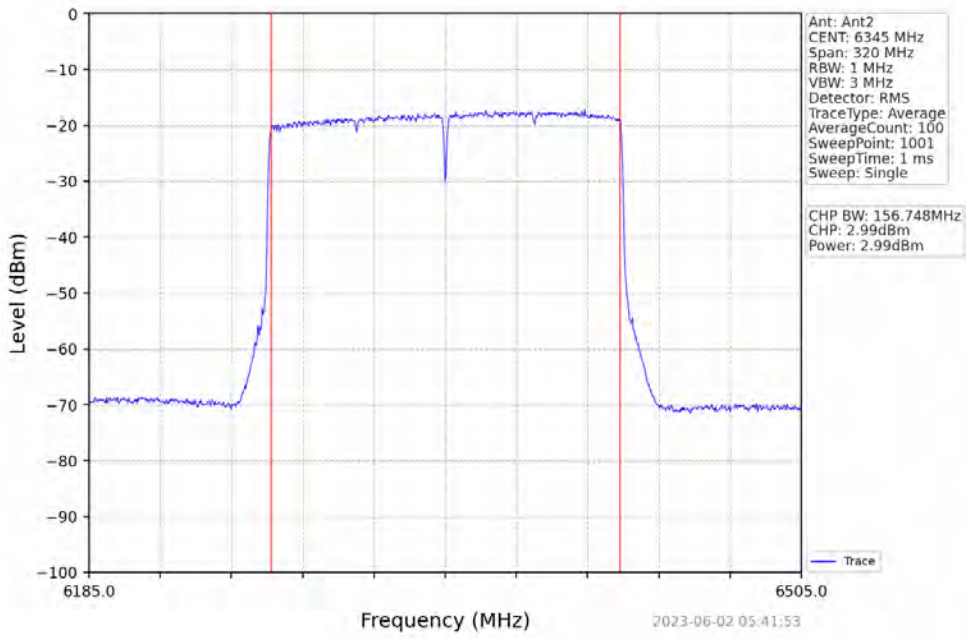


5.4. EIRP

Test Result

ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	5955	SU	7.22	7.24	10.2	<=24	Pass
		6175	SU	6.63	5.72	9.21	<=24	Pass
		6415	SU	7.22	6.36	9.82	<=24	Pass
	802.11ax (HEW40)	5965	SU	7.06	8.10	10.6	<=24	Pass
		6165	SU	6.49	5.71	9.13	<=24	Pass
		6405	SU	7.00	5.17	9.19	<=24	Pass
	802.11ax (HEW80)	5985	SU	6.46	0.67	7.48	<=24	Pass
		6145	SU	6.15	-1.88	6.79	<=24	Pass
		6385	SU	6.96	-0.88	7.63	<=24	Pass
	802.11ax (HEW160)	6025	SU	7.00	7.98	10.5	<=24	Pass
		6185	SU	6.65	5.81	9.26	<=24	Pass
		6345	SU	7.60	4.25	9.25	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	6435	SU	6.93	6.29	9.63	<=24	Pass
		6475	SU	6.16	5.98	9.08	<=24	Pass
		6515	SU	7.05	6.45	9.77	<=24	Pass
	802.11ax (HEW40)	6445	SU	6.61	5.88	9.27	<=24	Pass
		6485	SU	5.83	5.64	8.74	<=24	Pass
	802.11ax (HEW80)	6465	SU	1.33	-0.27	3.62	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	6535	SU	6.36	6.07	9.23	<=24	Pass
		6695	SU	6.92	6.05	9.52	<=24	Pass
		6855	SU	6.74	5.81	9.31	<=24	Pass
	802.11ax (HEW40)	6565	SU	5.22	7.36	9.43	<=24	Pass
		6685	SU	4.76	5.89	8.37	<=24	Pass
		6845	SU	5.52	5.74	8.64	<=24	Pass
	802.11ax (HEW80)	6625	SU	4.30	-1.93	5.22	<=24	Pass
		6705	SU	5.11	-1.69	5.93	<=24	Pass
		6785	SU	6.22	-1.62	6.88	<=24	Pass
	802.11ax (HEW160)	6665	SU	4.87	6.26	8.63	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	6895	SU	7.01	6.08	9.58	<=24	Pass
		6995	SU	6.48	7.04	9.78	<=24	Pass
		7095	SU	7.11	6.11	9.65	<=24	Pass

	802.11ax (HEW40)	6925	SU	6.53	6.66	9.6	<=24	Pass
		7005	SU	4.53	6.81	8.83	<=24	Pass
		7085	SU	3.49	5.10	7.38	<=24	Pass
	802.11ax (HEW80)	6945	SU	-0.16	-1.53	2.2	<=24	Pass
		7025	SU	-1.75	-2.10	1.11	<=24	Pass
	802.11ax (HEW160)	6985	SU	5.46	7.07	9.35	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	6875	SU	7.02	5.75	9.44	<=24	Pass
	802.11ax (HEW40)	6885	SU	7.02	5.81	9.47	<=24	Pass
	802.11ax (HEW80)	6865	SU	0.00	-3.14	1.73	<=24	Pass
	802.11ax (HEW160)	6825	SU	6.41	6.12	9.28	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

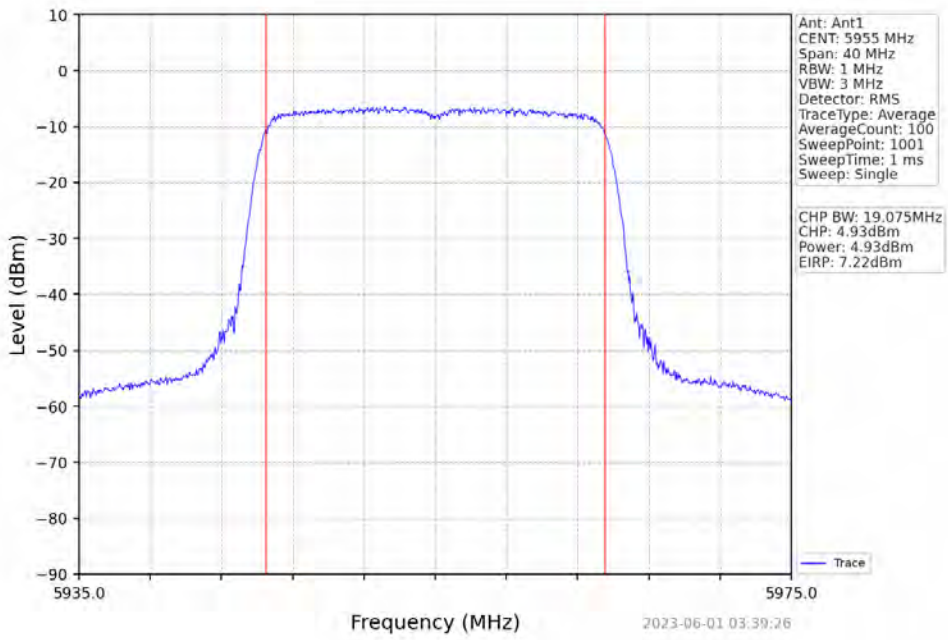
ENV	Mode	Frequency (MHz)	RU	E.I.R.P (dBm)				Verdict
				ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW40)	6525	SU	5.65	8.23	10.1	<=24	Pass
	802.11ax (HEW80)	6545	SU	-2.96	-0.61	1.4	<=24	Pass
	802.11ax (HEW160)	6505	SU	6.60	8.52	10.7	<=24	Pass

Note1: Antenna Gain: Ant1: 2.29dBi; Ant2: 1.26dBi;

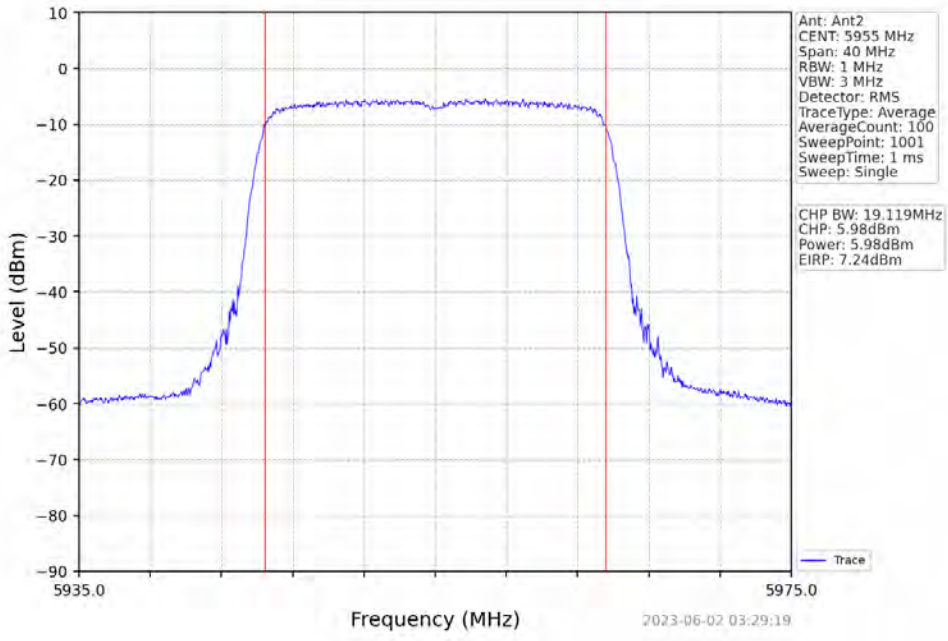
Note2: E.I.R.P = Measured Power + Antenna Gain

Test Graph

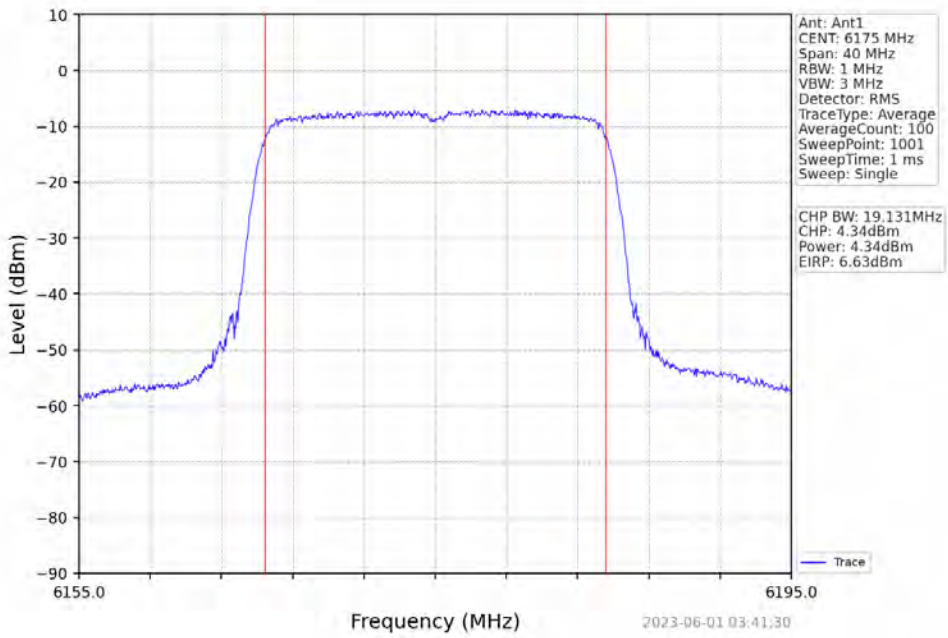
802.11ax(HEW20)_LCH_5955MHz_SU_Ant1_NTNV



802.11ax(HEW20)_LCH_5955MHz_SU_Ant2_NTNV



802.11ax(HEW20)_MCH_6175MHz_SU_Ant1_NTNV



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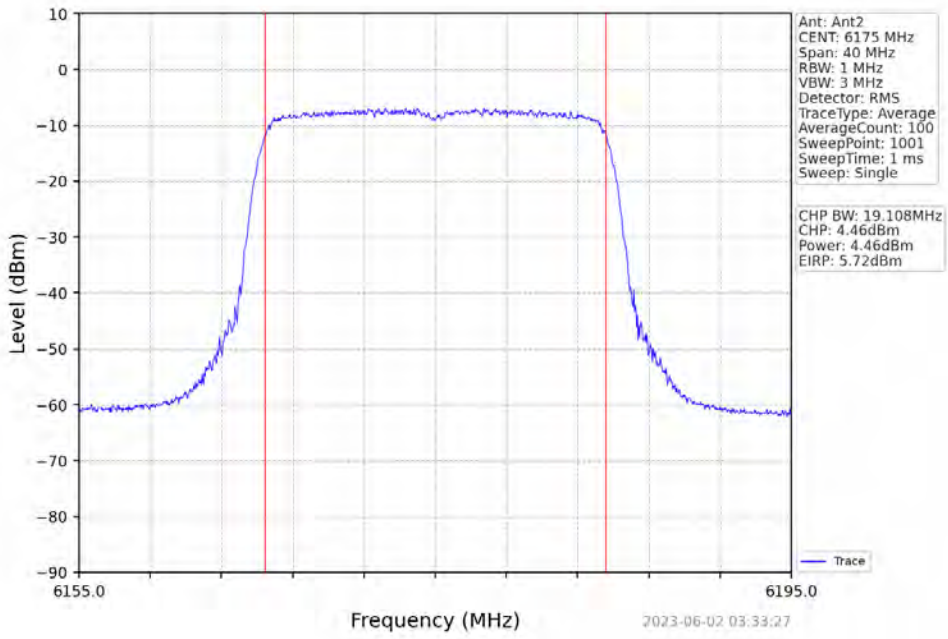
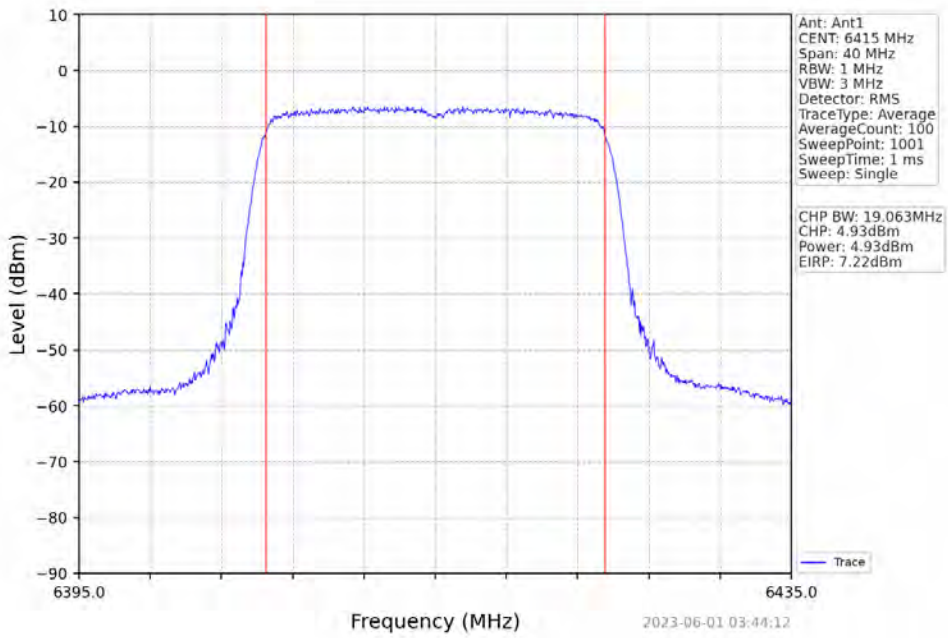
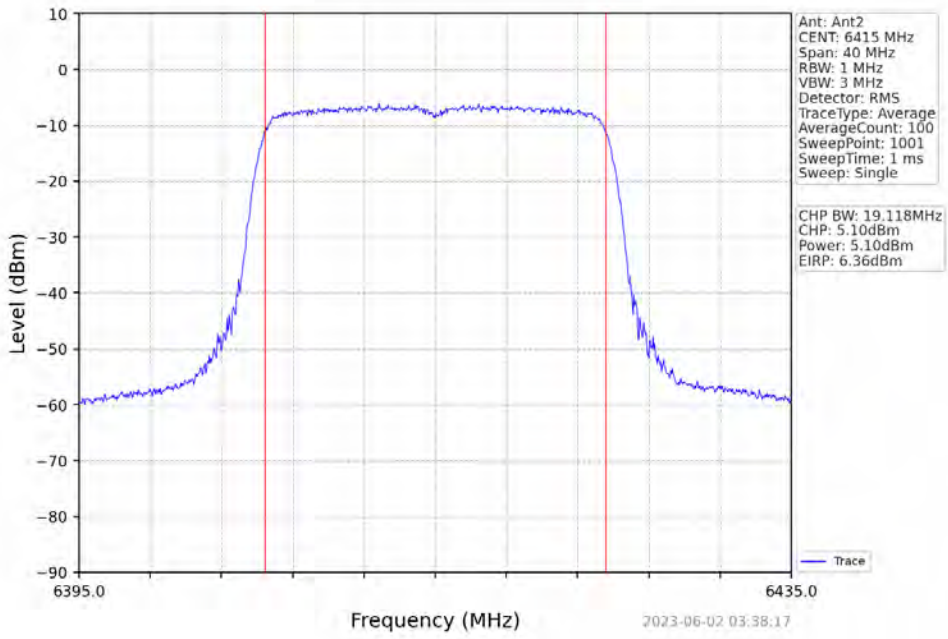


802.11ax(HEW20)_HCH_6415MHz_SU_Ant1_NTNV



802.11ax(HEW20)_HCH_6415MHz_SU_Ant2_NTNV



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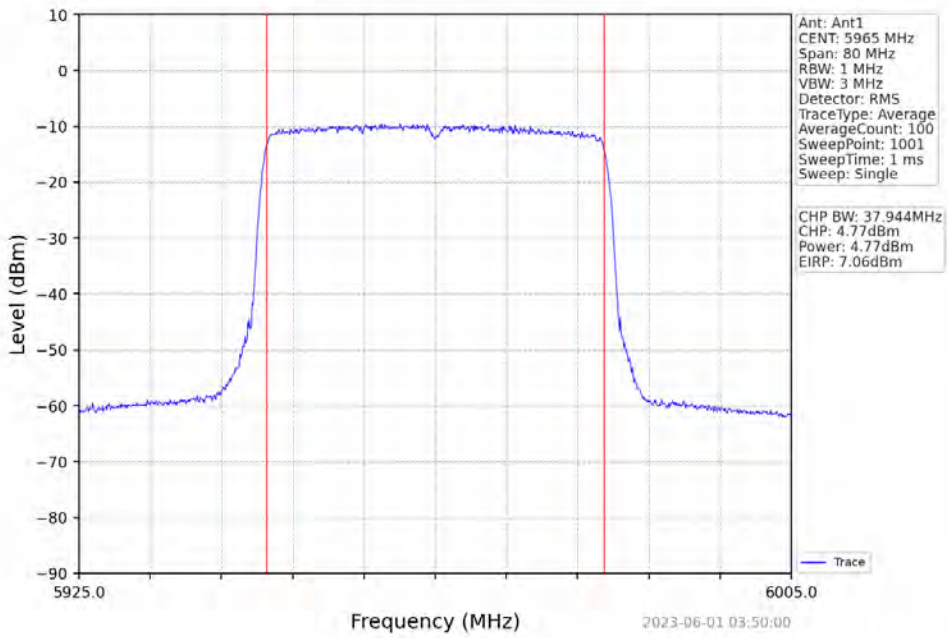

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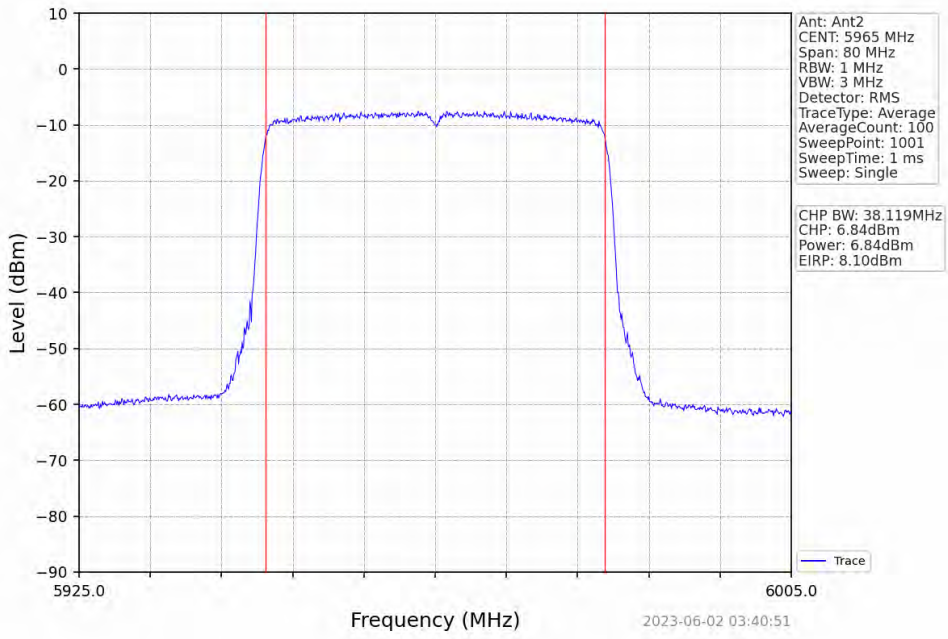

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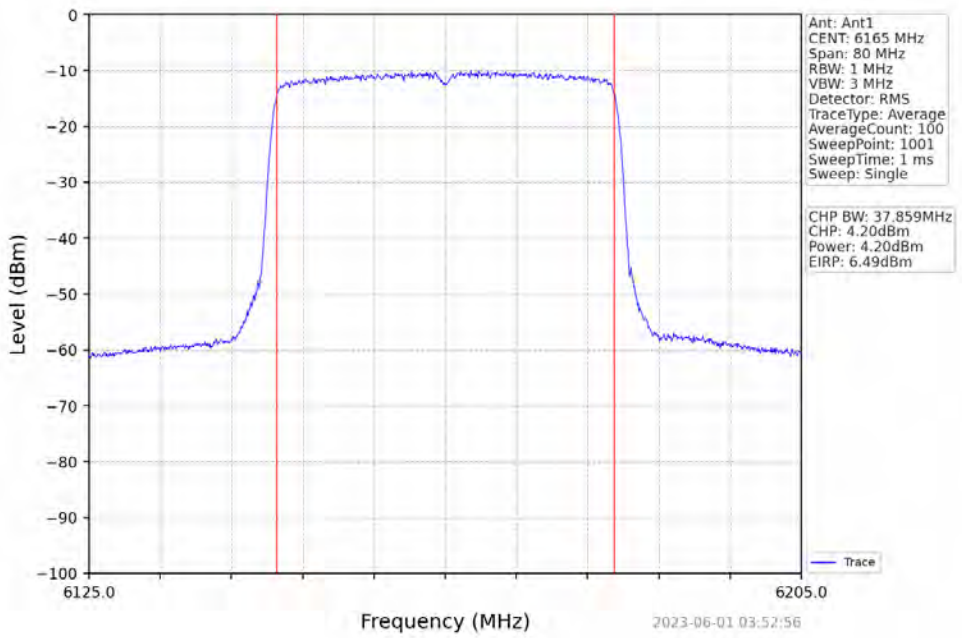

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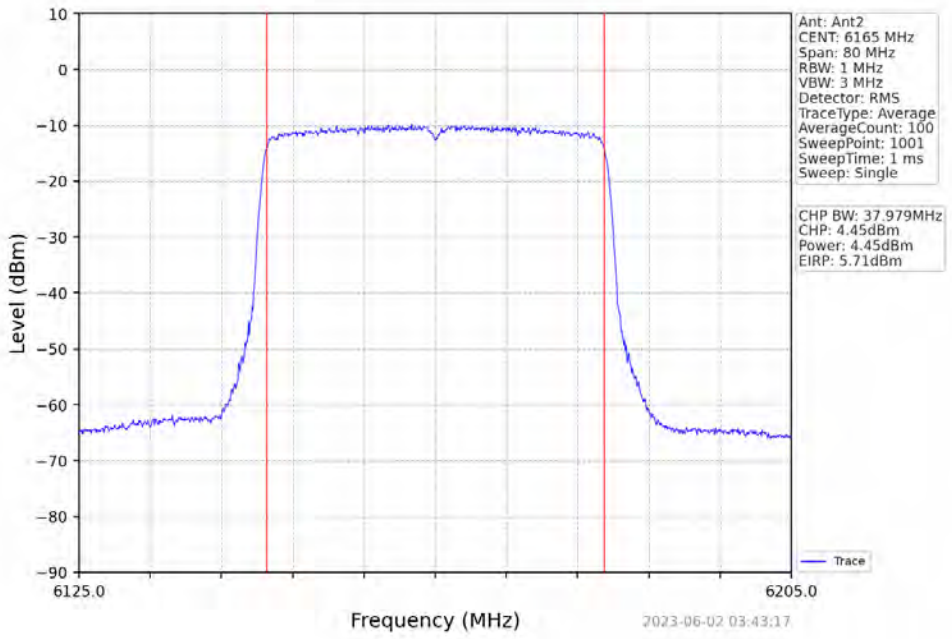

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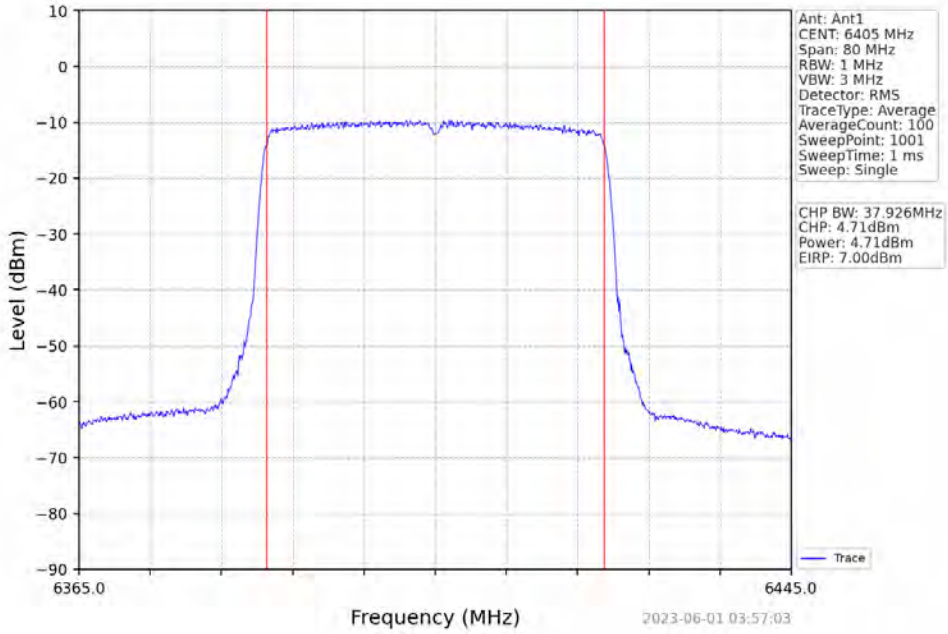

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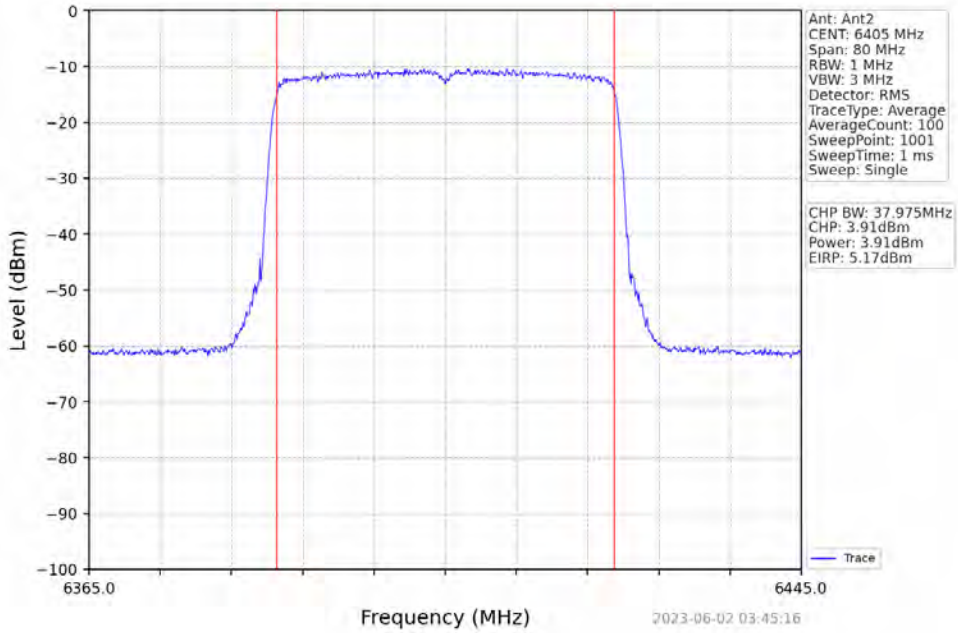

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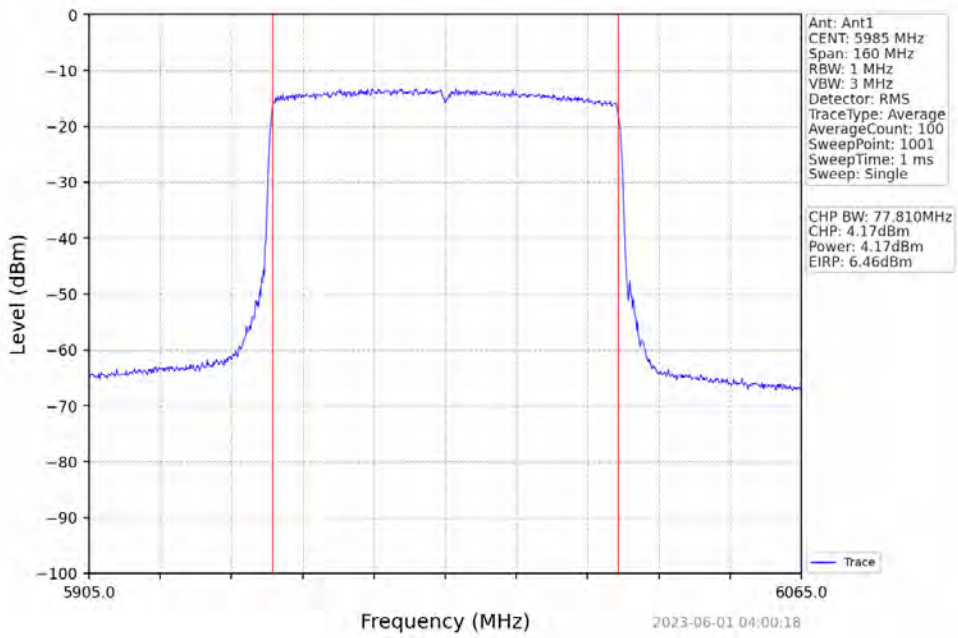

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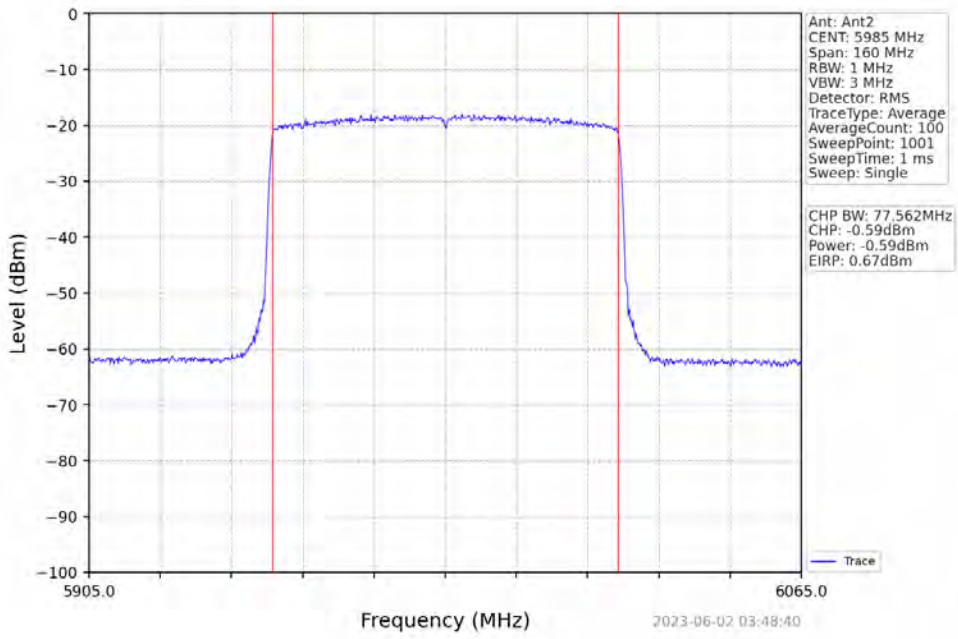

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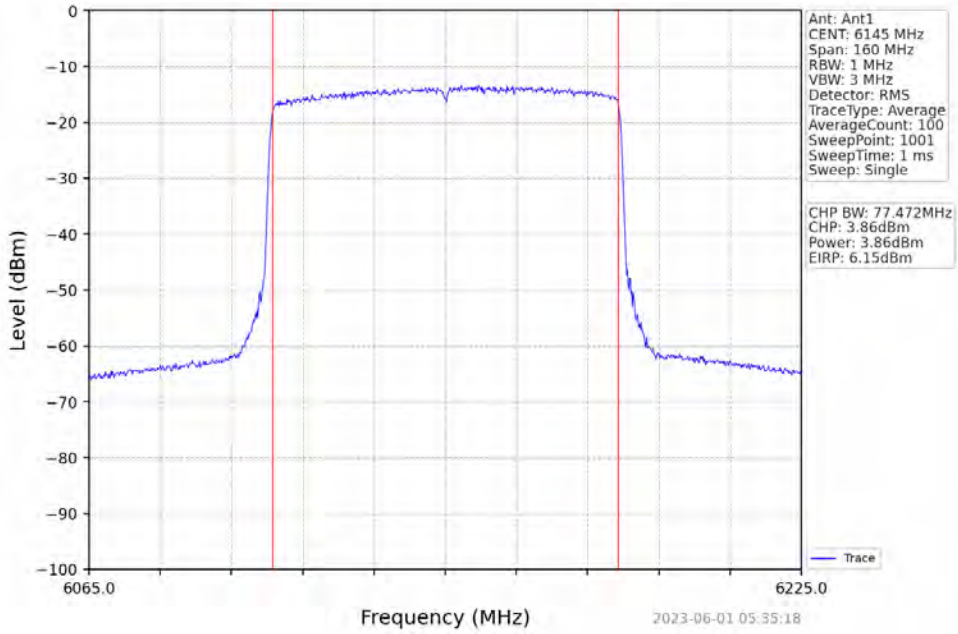

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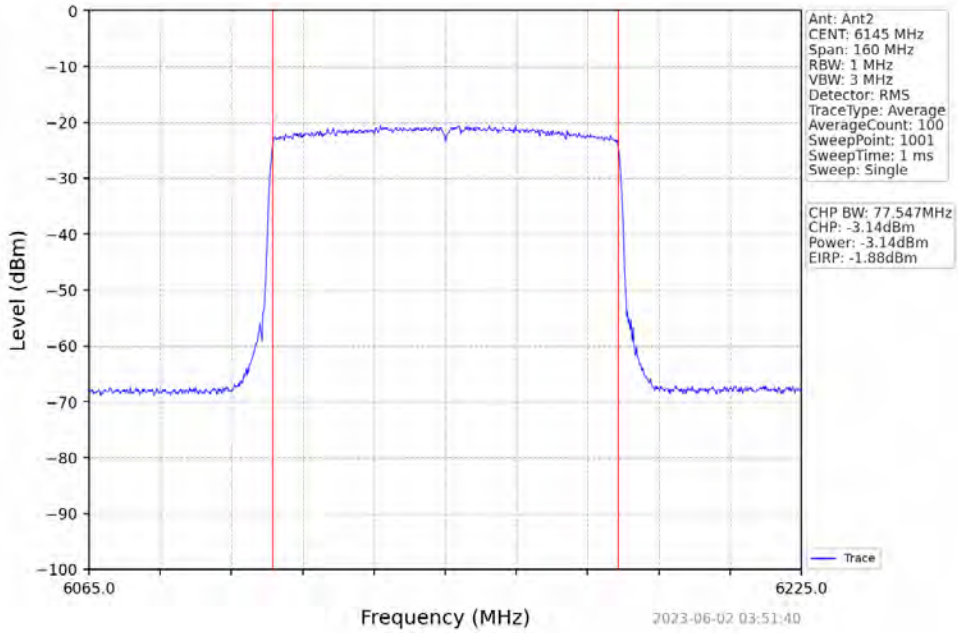

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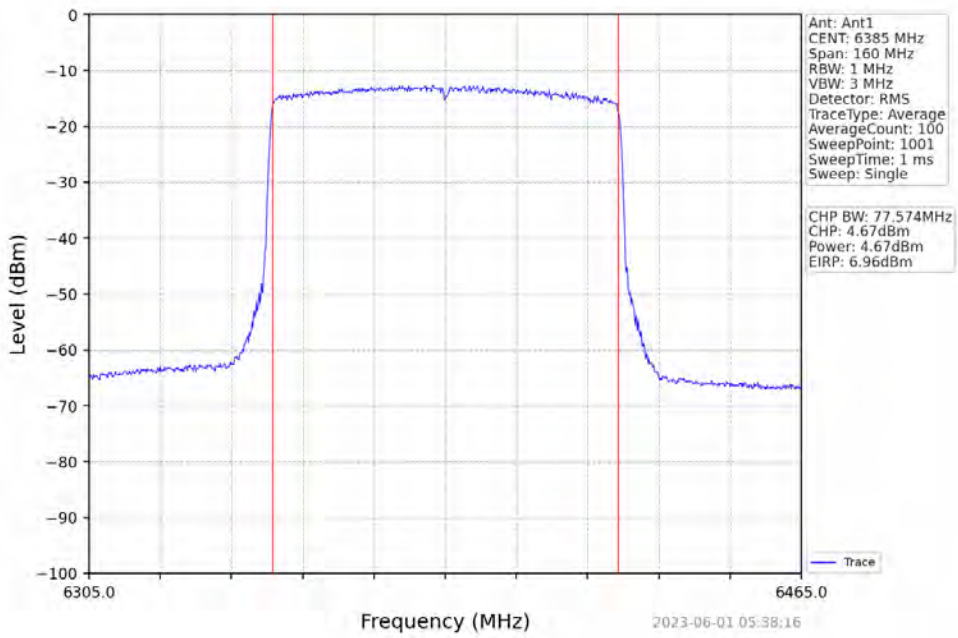

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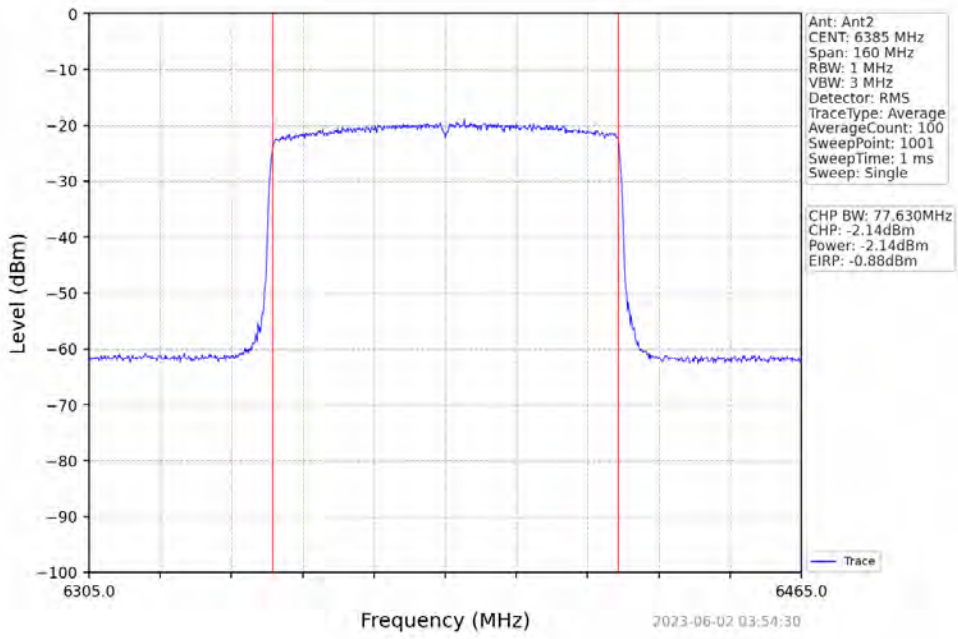
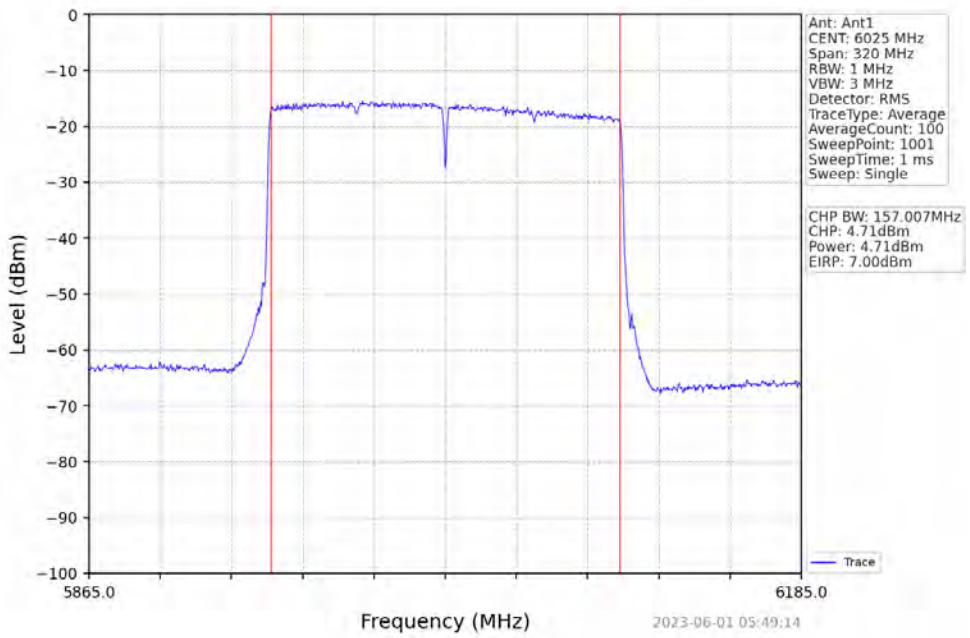


802.11ax(HEW160)_LCH_6025MHz_SU_Ant1_NTNV



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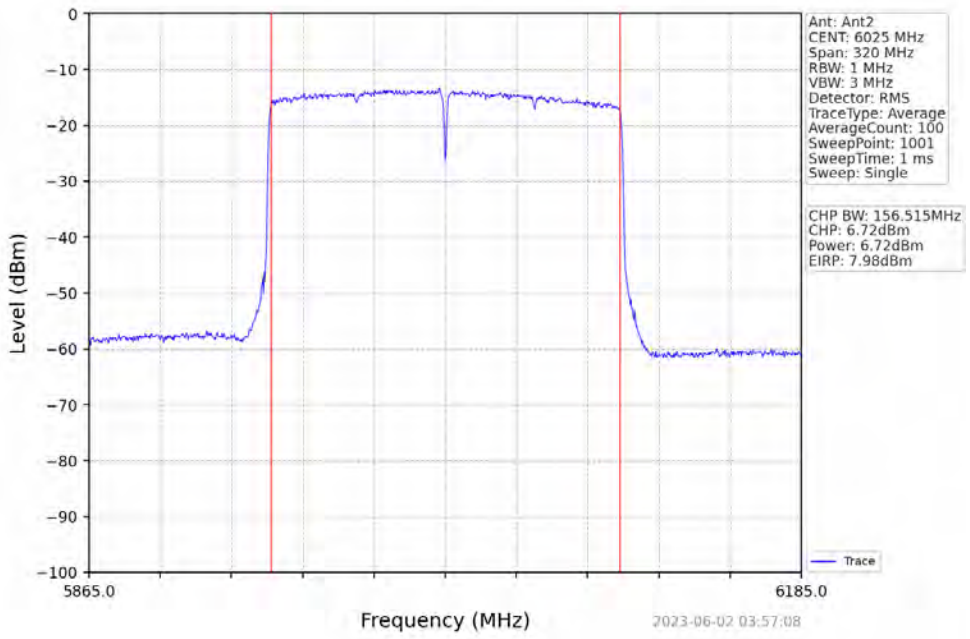

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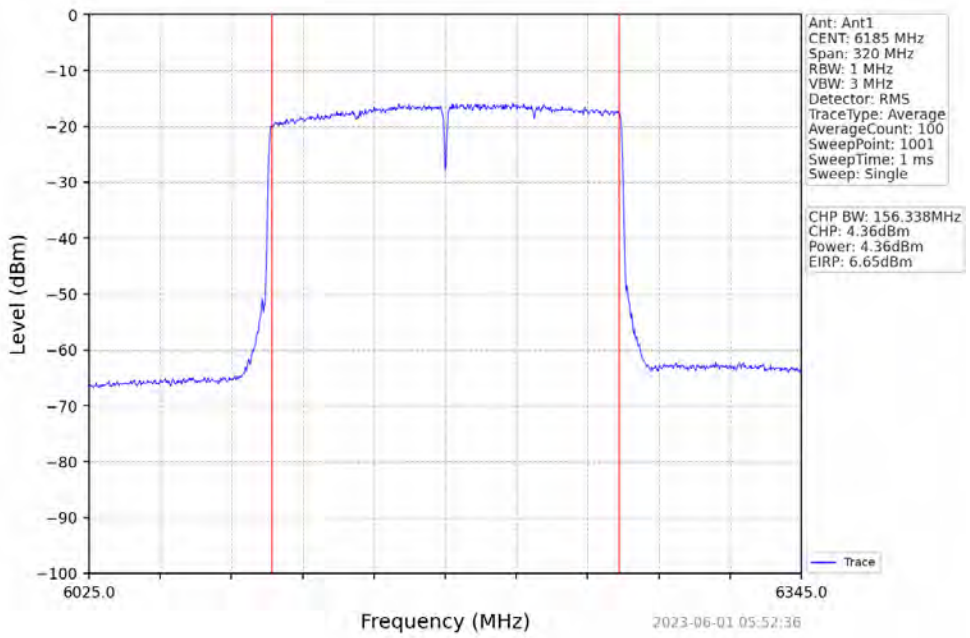
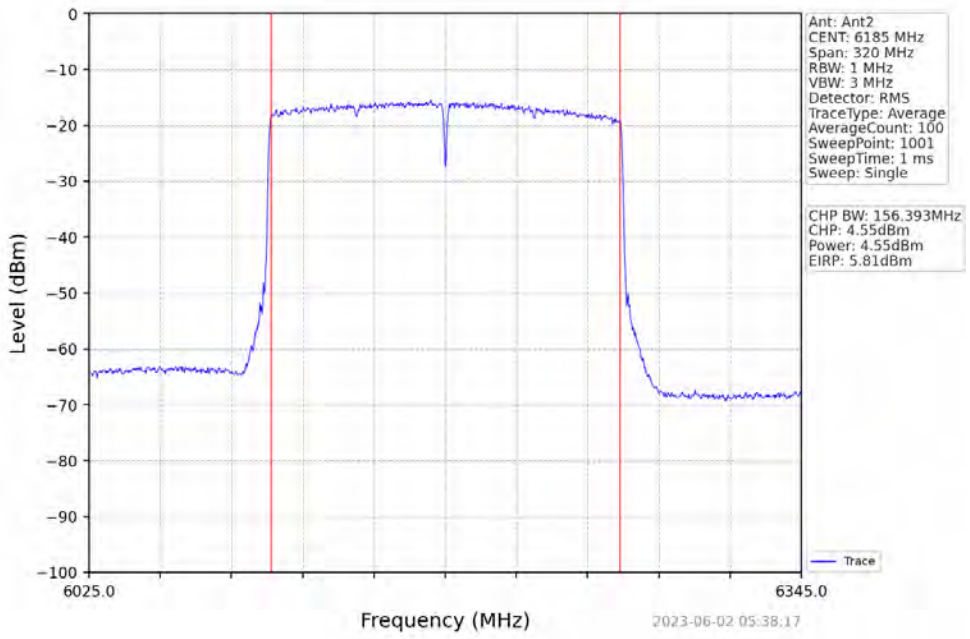


802.11ax(HEW160)_MCH_6185MHz_SU_Ant2_NTNV



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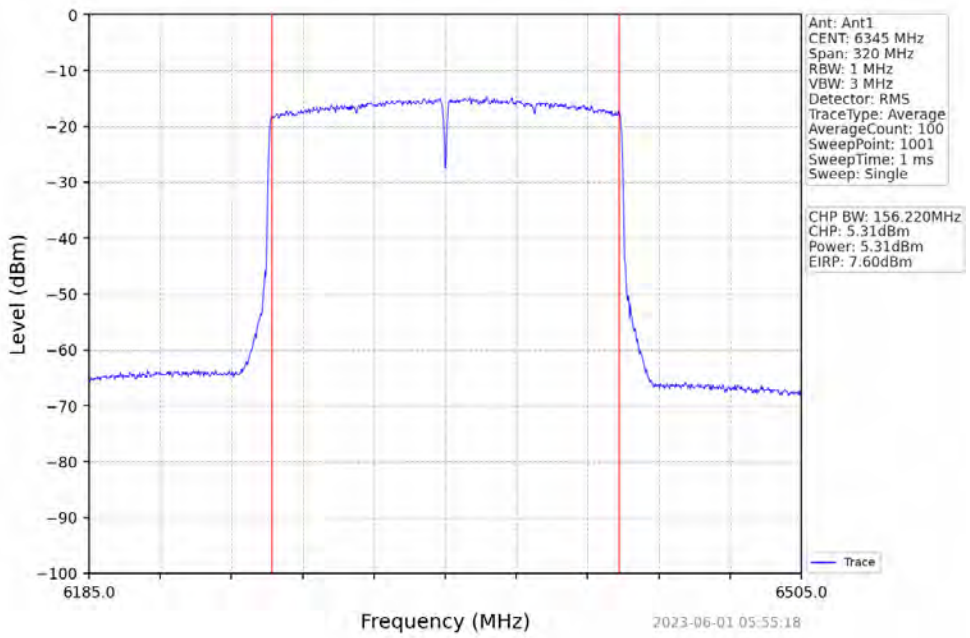

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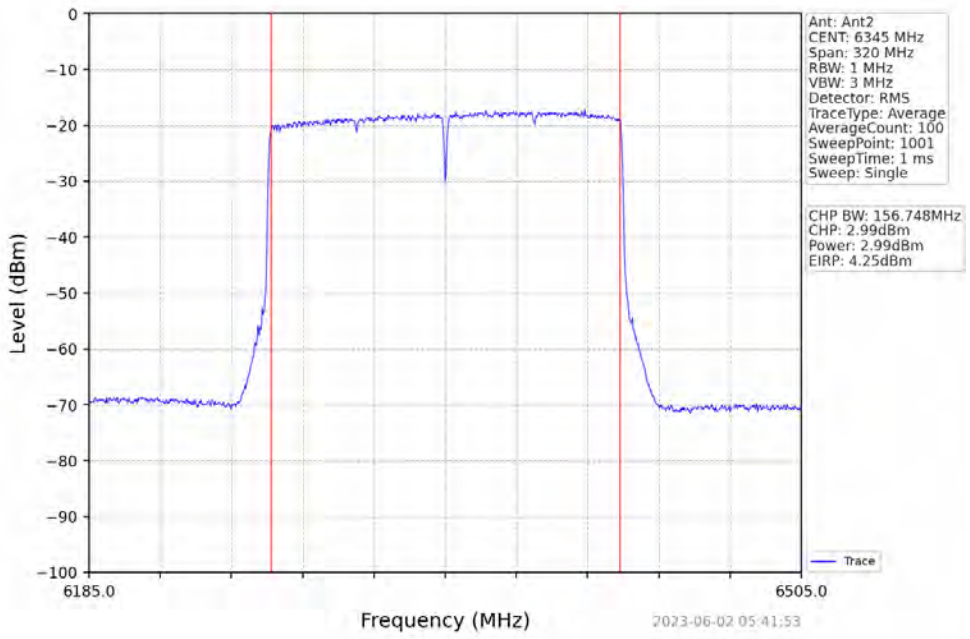
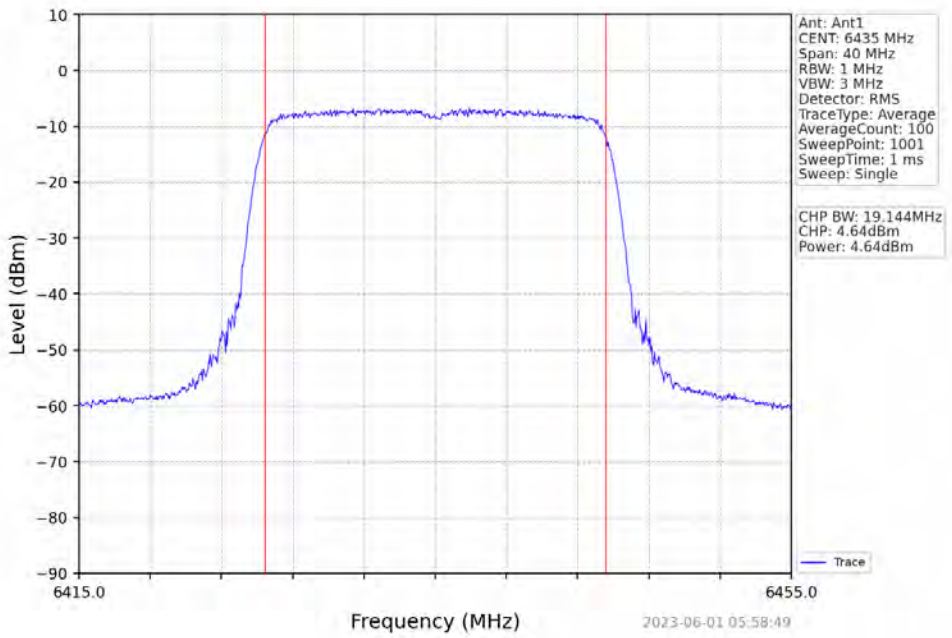


802.11ax(HEW20)_LCH_6435MHz_SU_Ant1_NTNV



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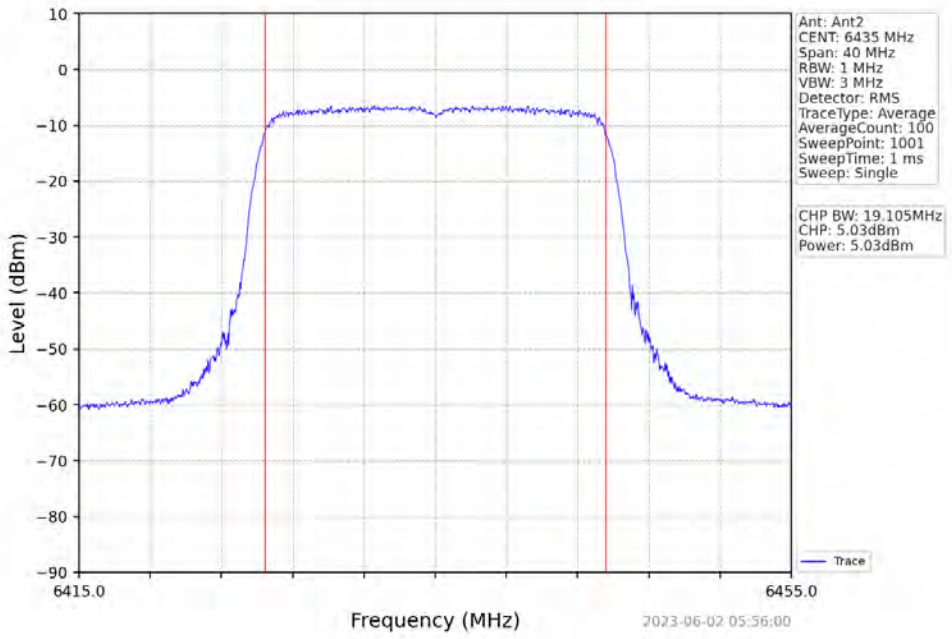

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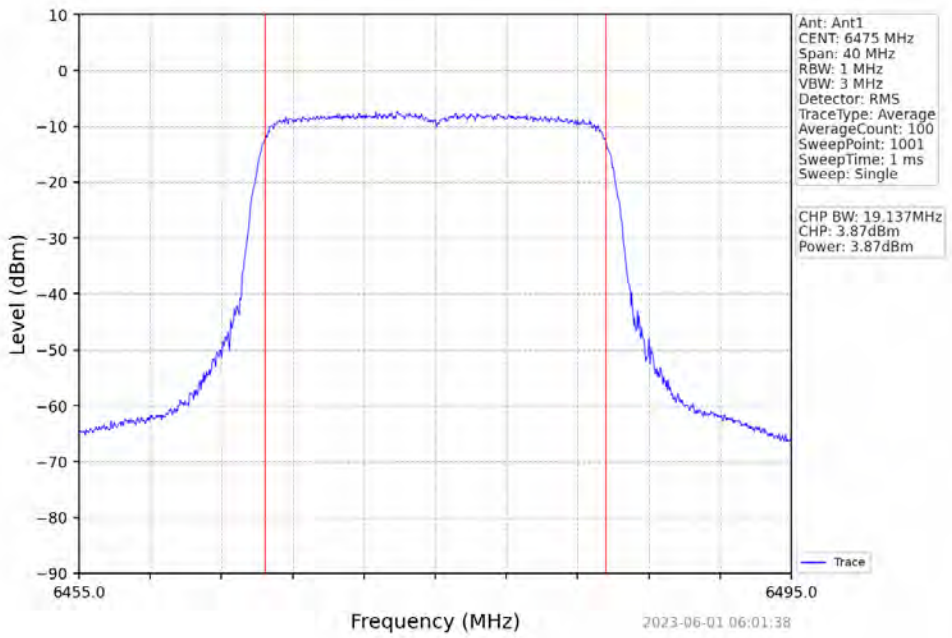

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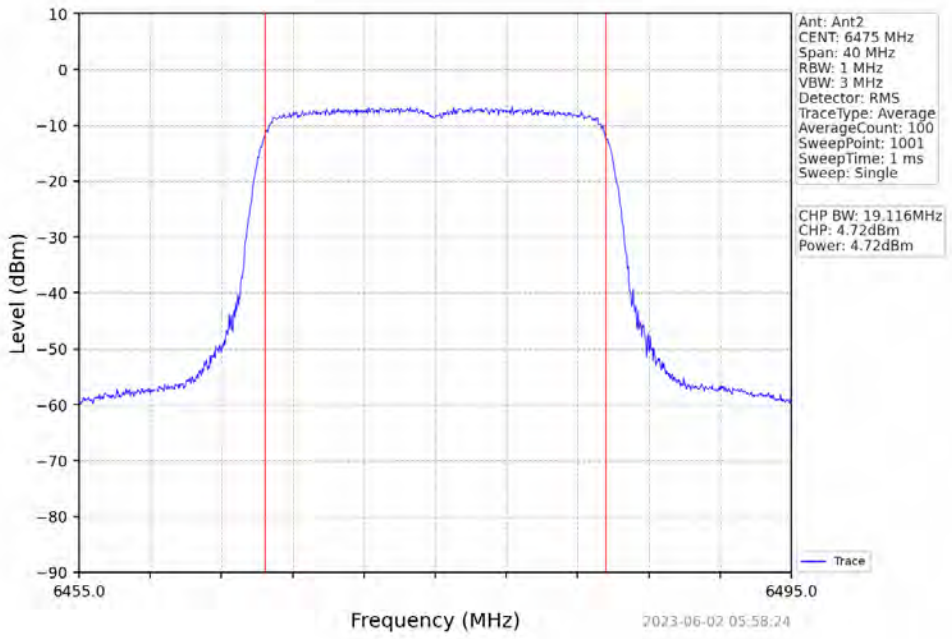

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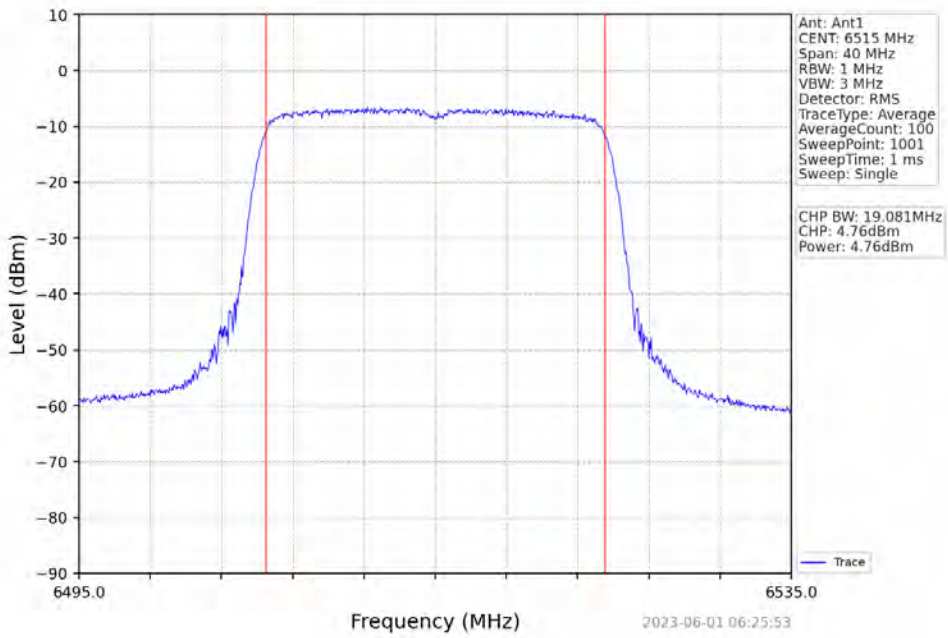

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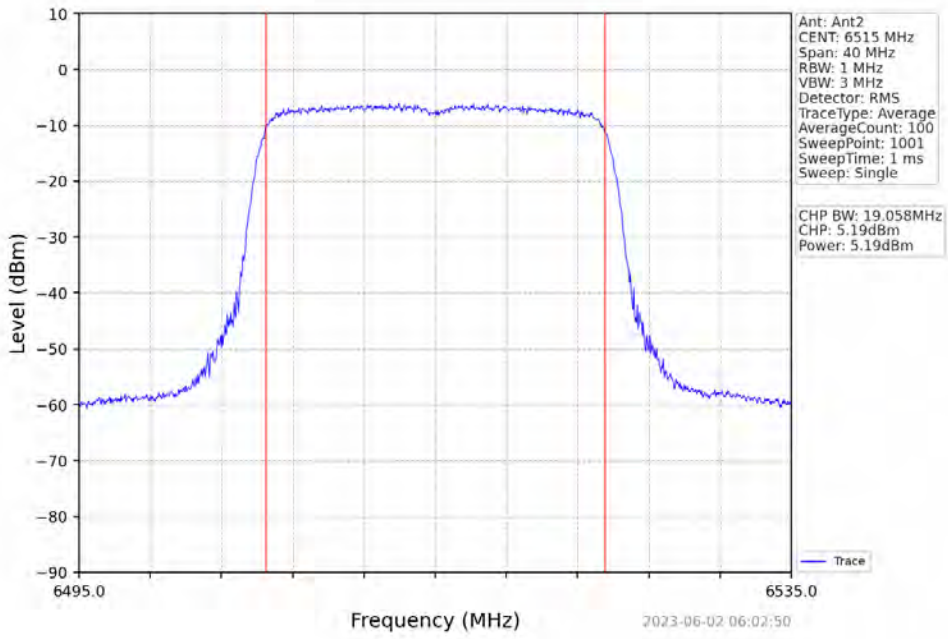
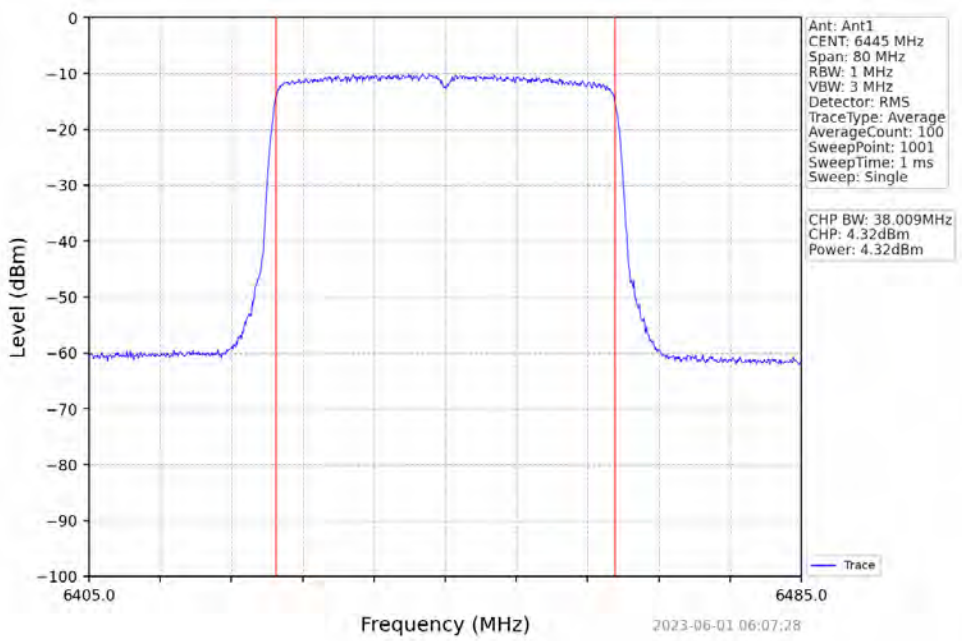


802.11ax(HEW40)_LCH_6445MHz_SU_Ant1_NTNV



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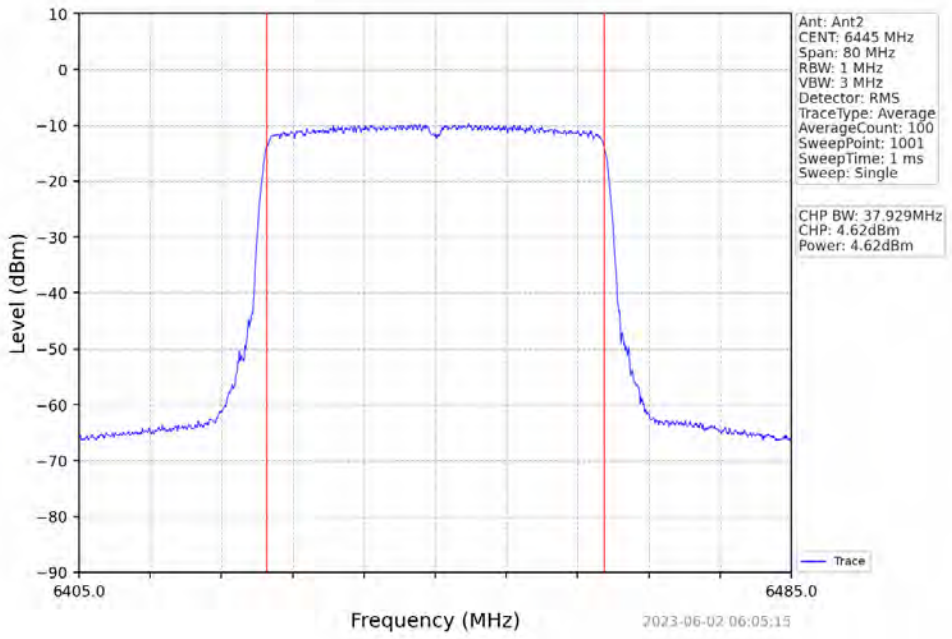
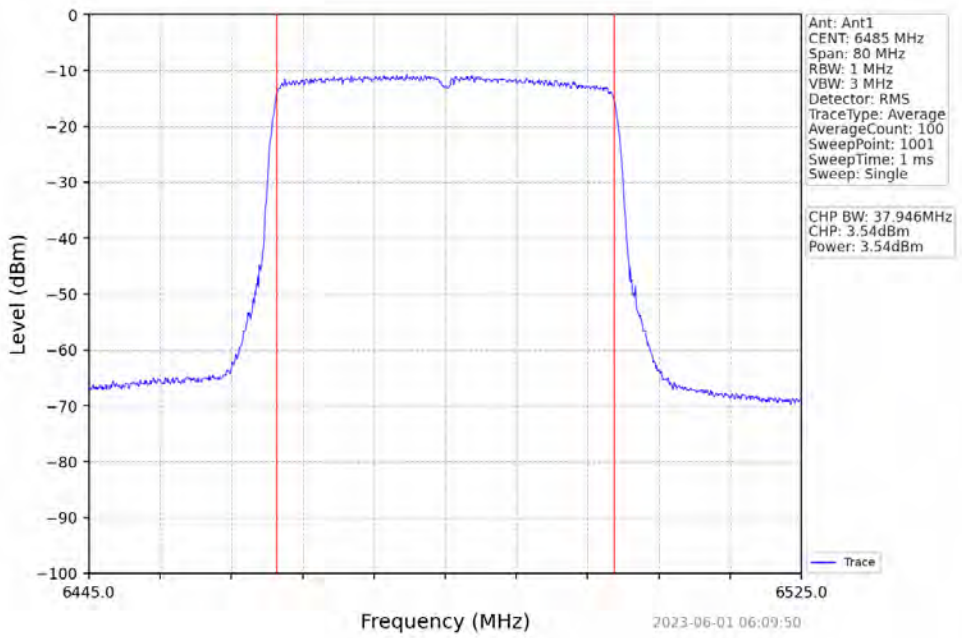


802.11ax(HEW40)_MCH_6485MHz_SU_Ant1_NTNV



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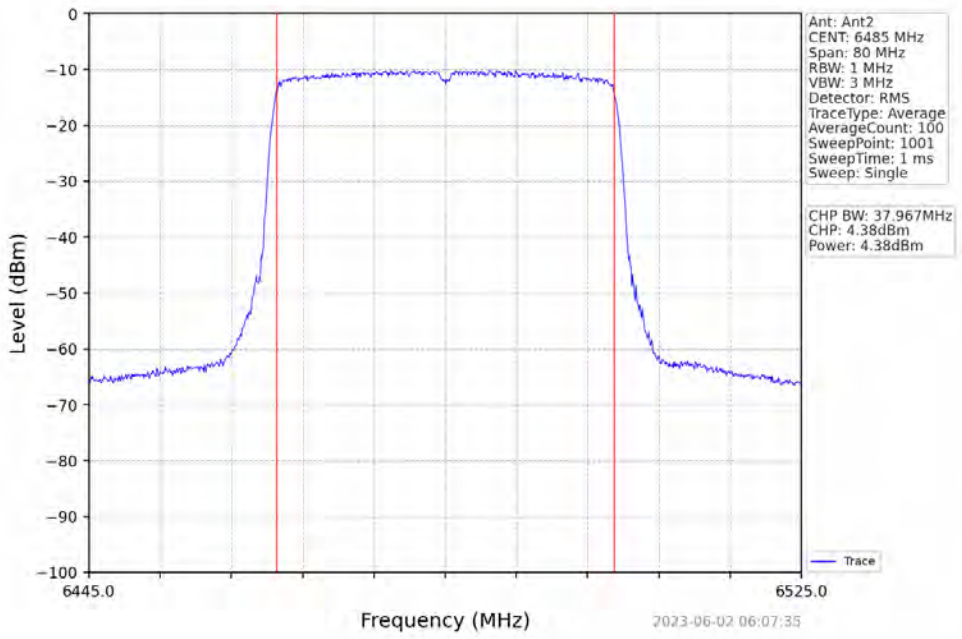

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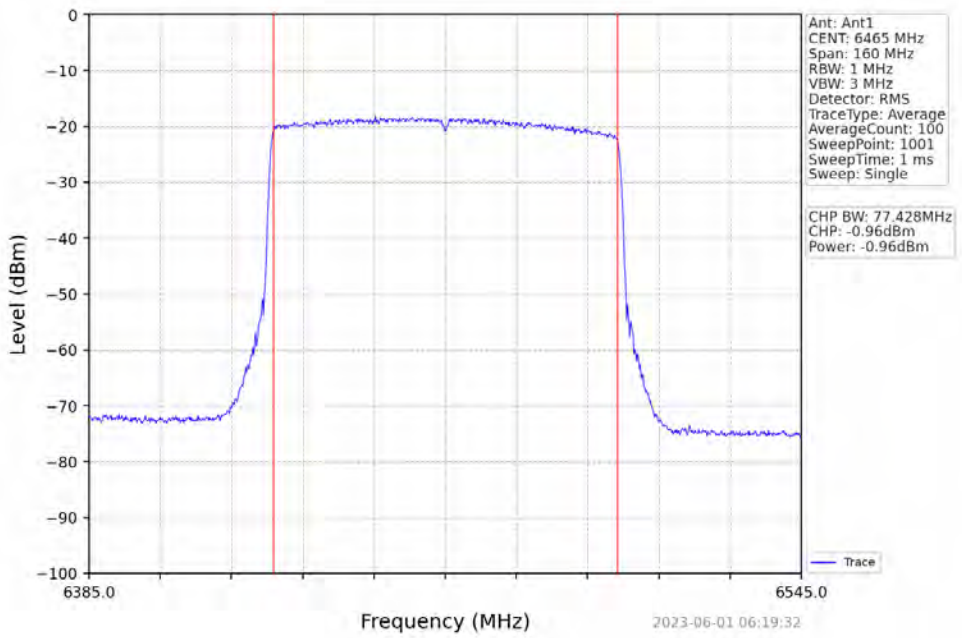

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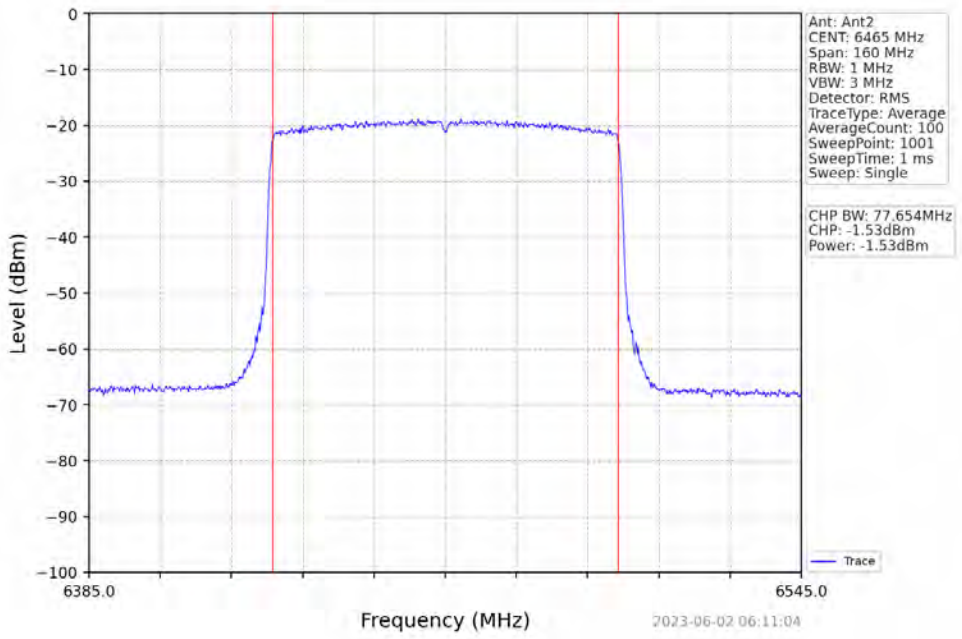
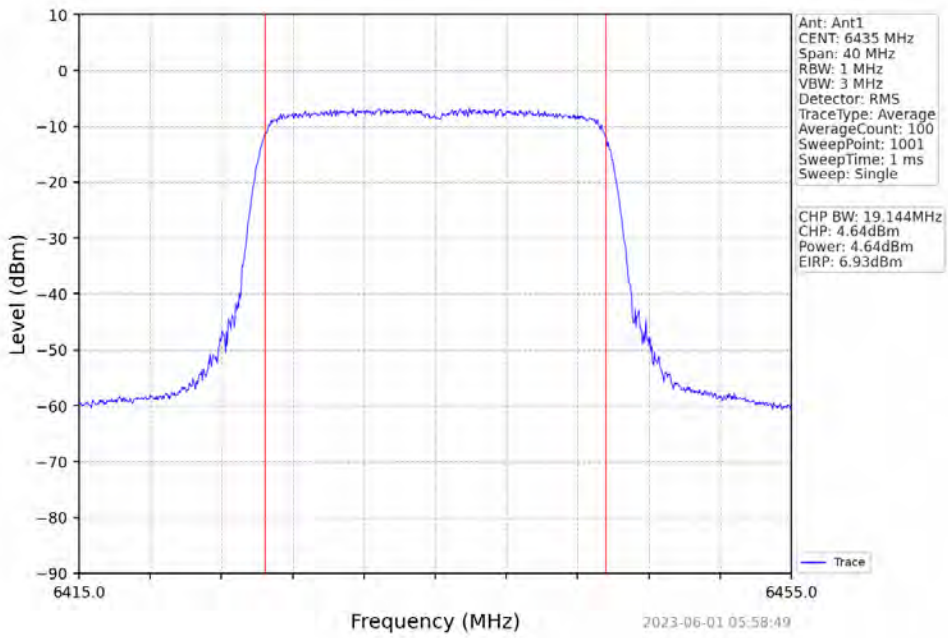
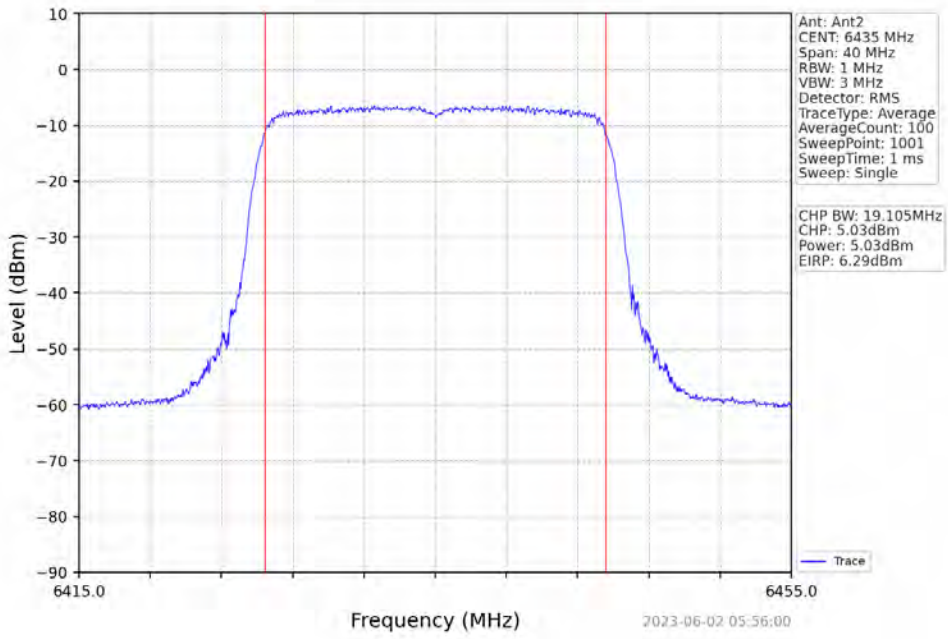


802.11ax(HEW20)_LCH_6435MHz_SU_Ant1_NTNV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