

1. Duty Cycle

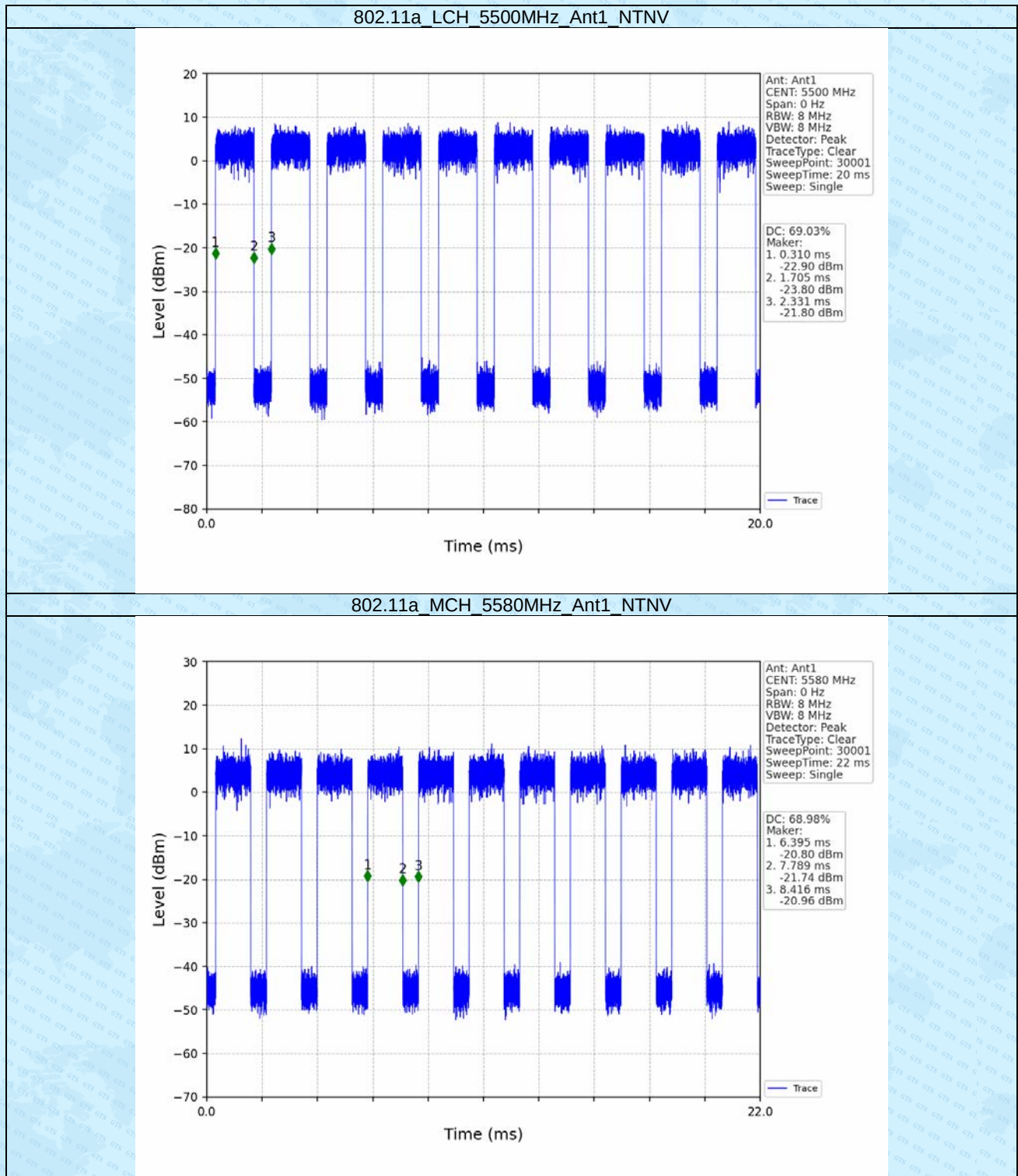
1.1 Ant1

1.1.1 Test Result

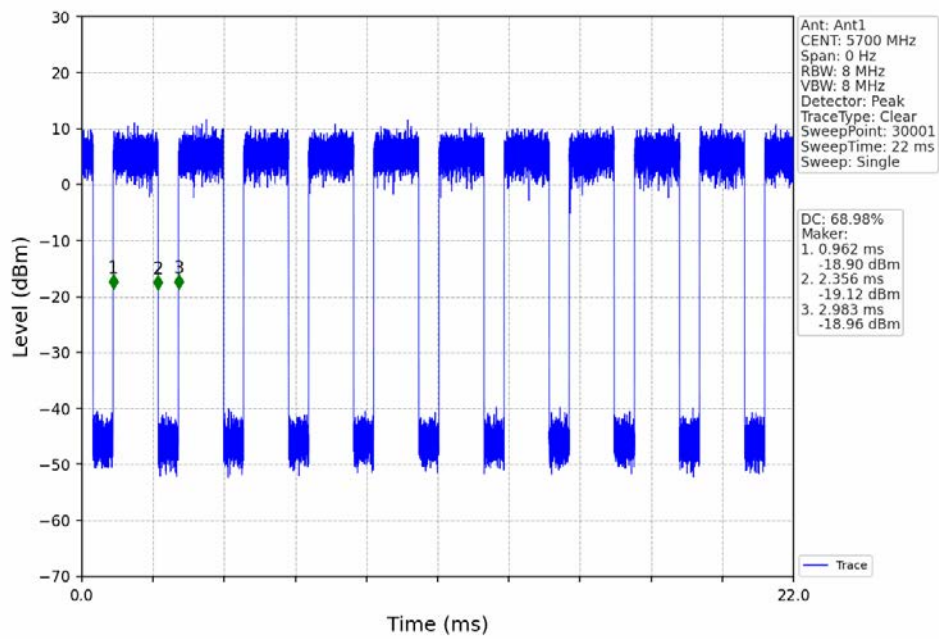
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Ant1				Max. DC Variation (%)
					T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	
802.11a	SISO	5500	/	/	1.395	2.021	69.03	1.61	0.32
		5580	/	/	1.394	2.021	68.98	1.61	0.34
		5700	/	/	1.394	2.021	68.98	1.61	0.34
802.11n (HT20)	MIMO	5500	/	/	1.291	1.944	66.41	1.78	0.92
		5580	/	/	1.291	1.944	66.41	1.78	0.92
		5700	/	/	1.291	1.954	66.07	1.80	1.26
802.11n (HT40)	MIMO	5510	/	/	0.638	1.283	49.73	3.03	1.10
		5550	/	/	0.638	1.283	49.73	3.03	1.06
		5670	/	/	0.638	1.283	49.73	3.03	1.06
802.11ac (VHT20)	MIMO	5500	/	/	1.314	1.959	67.08	1.73	0.36
		5580	/	/	1.314	1.959	67.08	1.73	0.33
		5700	/	/	1.314	1.959	67.08	1.73	0.33
802.11ac (VHT40)	MIMO	5510	/	/	0.654	1.290	50.70	2.95	0.39
		5550	/	/	0.654	1.290	50.70	2.95	0.39
		5670	/	/	0.653	1.290	50.62	2.96	0.38
802.11ac (VHT80)	MIMO	5530	/	/	0.325	0.953	34.10	4.67	0.35
		5610	/	/	0.326	0.953	34.21	4.66	14.84
802.11ax (HEW20)	MIMO	5500	RU242	Left	0.153	0.188	81.38	0.89	0.06
		5580	RU242	Left	0.153	0.188	81.38	0.89	0.04
		5700	RU242	Left	0.154	0.188	81.91	0.87	0.10
802.11ax (HEW40)	MIMO	5510	RU484	Left	0.053	0.072	73.61	1.33	0.20
		5550	RU484	Left	0.054	0.072	75.00	1.25	0.35
		5670	RU484	Left	0.054	0.072	75.00	1.25	0.34
802.11ax (HEW80)	MIMO	5530	RU996	Left	0.041	0.059	69.49	1.58	0.38
		5610	RU996	Left	0.041	0.059	69.49	1.58	0.36

Note: The duty cycle for two antennas were same, so only ant1 report

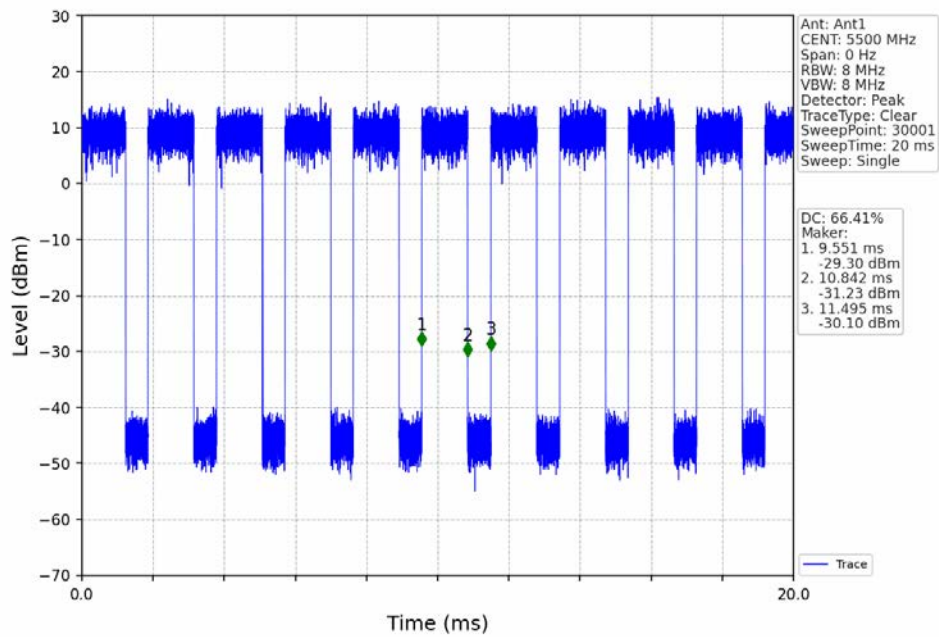
1.1.2 Test Graph



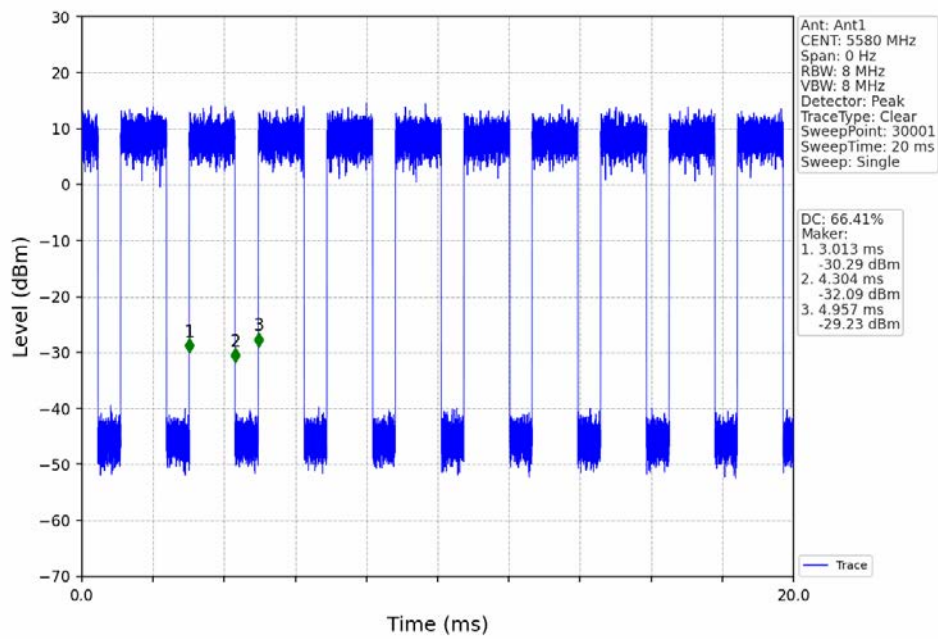
802.11a_HCH_5700MHz_Ant1_NTNV



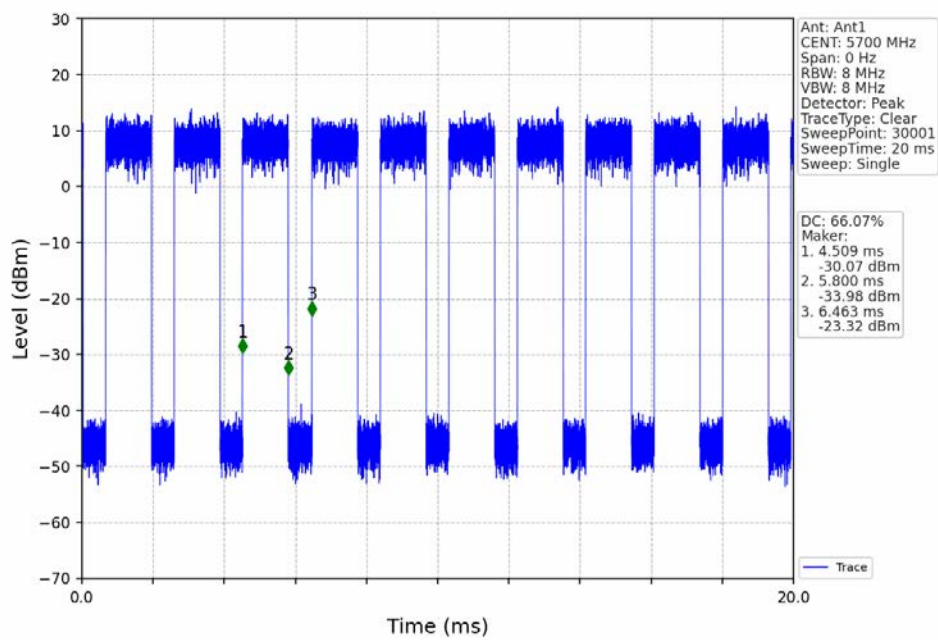
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



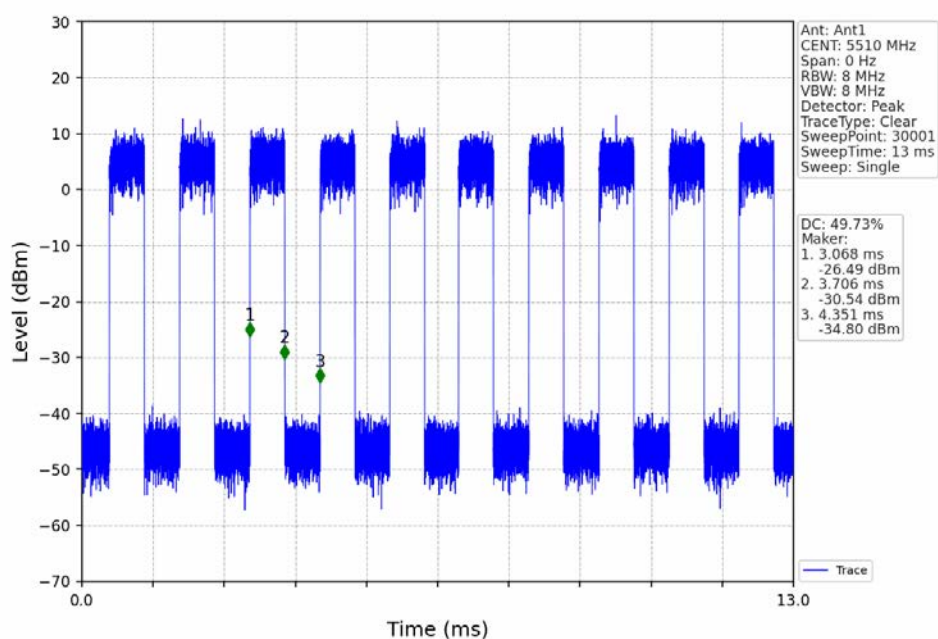
802.11n(HT20) MCH 5580MHz_Ant1_NTNV



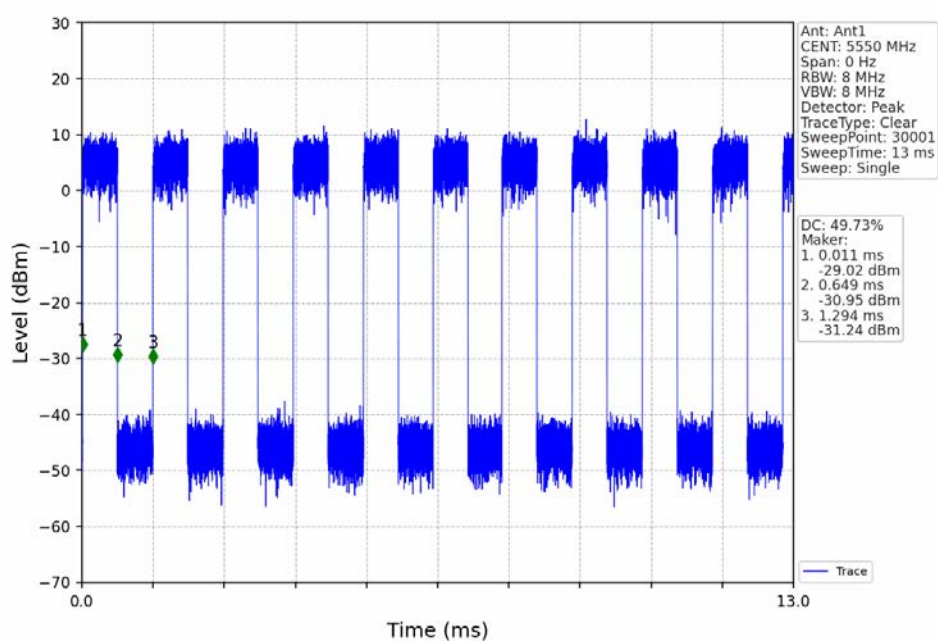
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



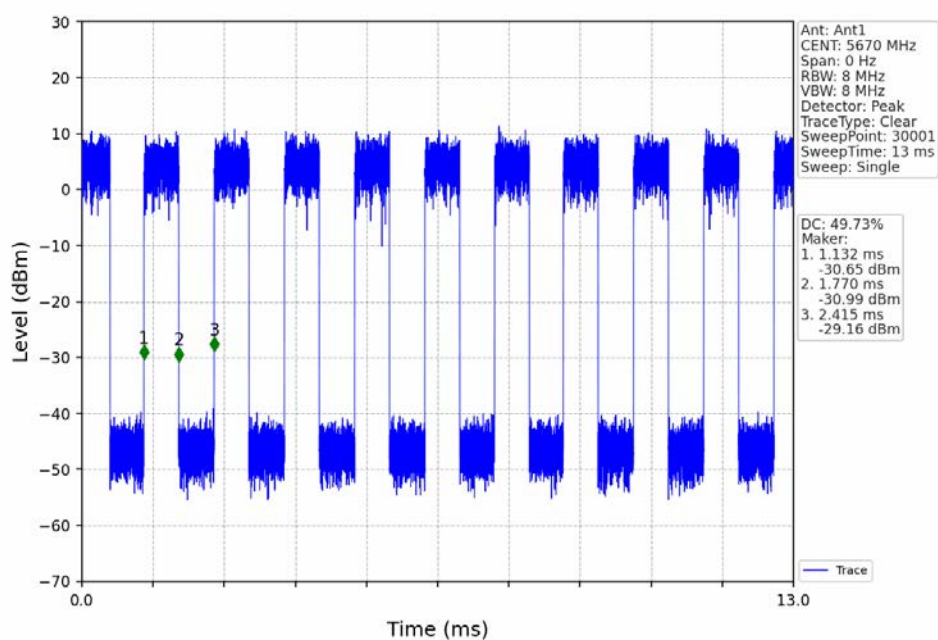
802.11n(HT40) LCH 5510MHz Ant1 NTN



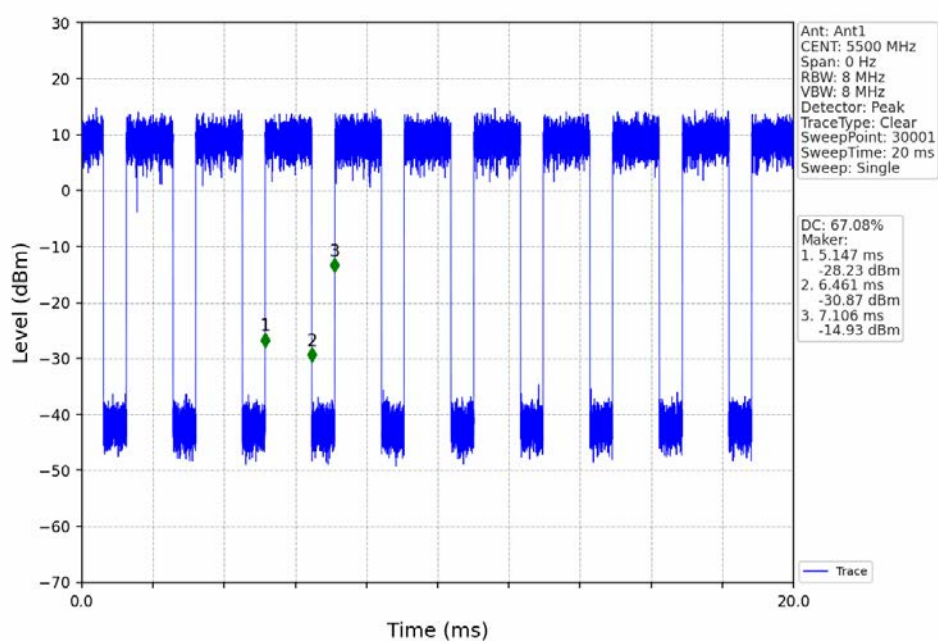
802.11n(HT40) MCH 5550MHz Ant1 NTN



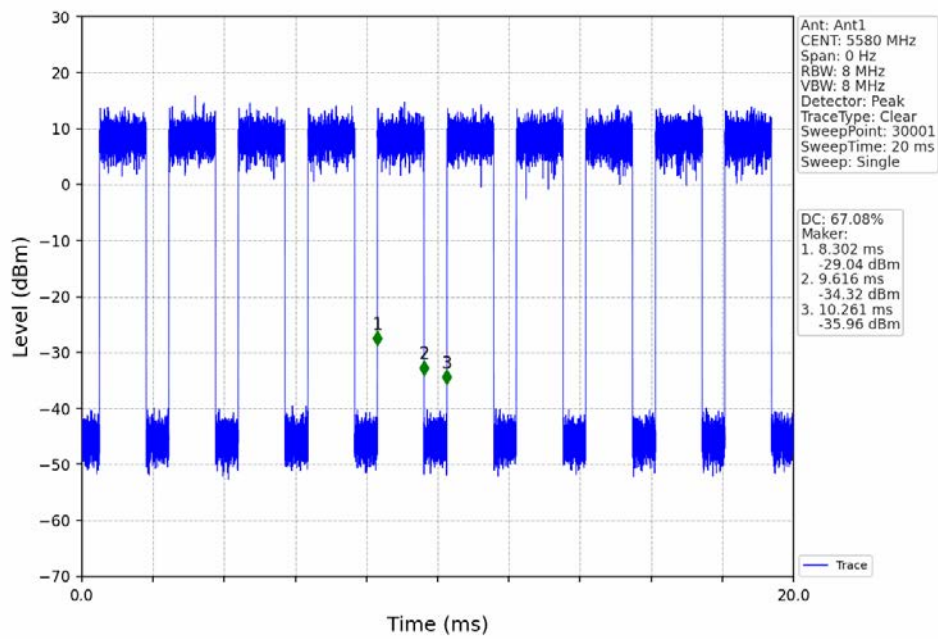
802.11n(HT40) HCH 5670MHz Ant1_NTNV



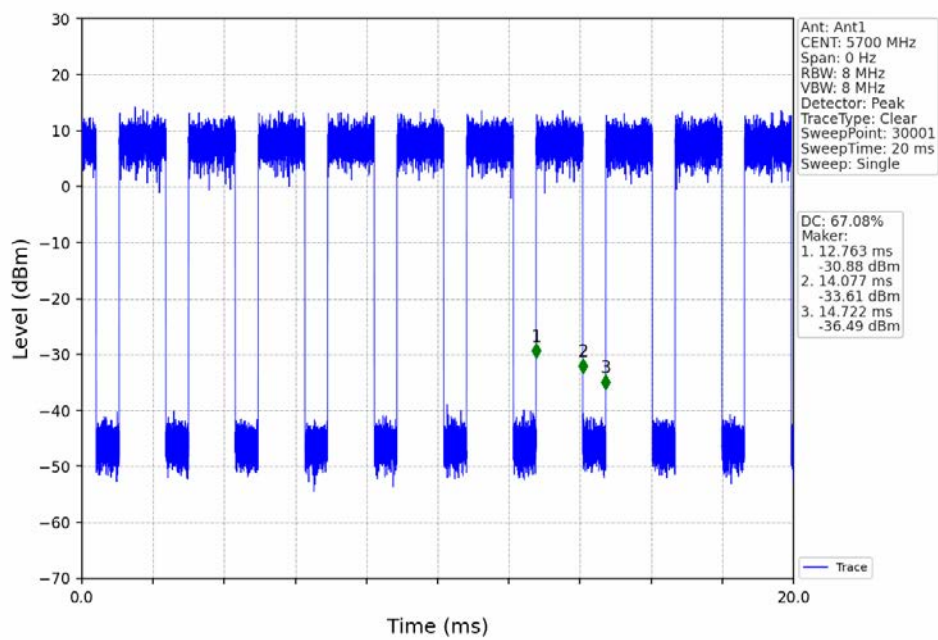
802.11ac(VHT20) LCH 5500MHz Ant1_NTNV



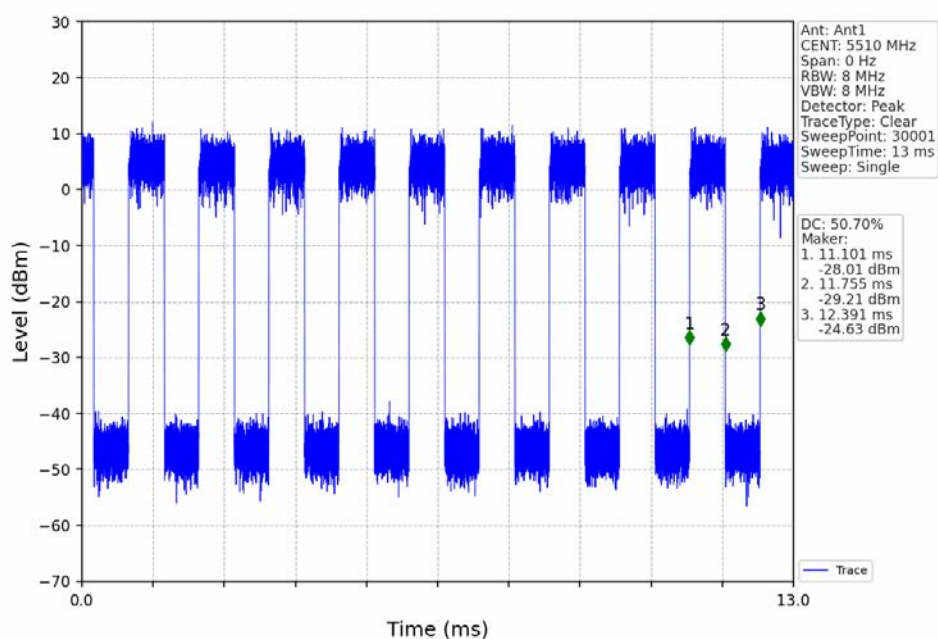
802.11ac(VHT20) MCH 5580MHz_Ant1_NTNV



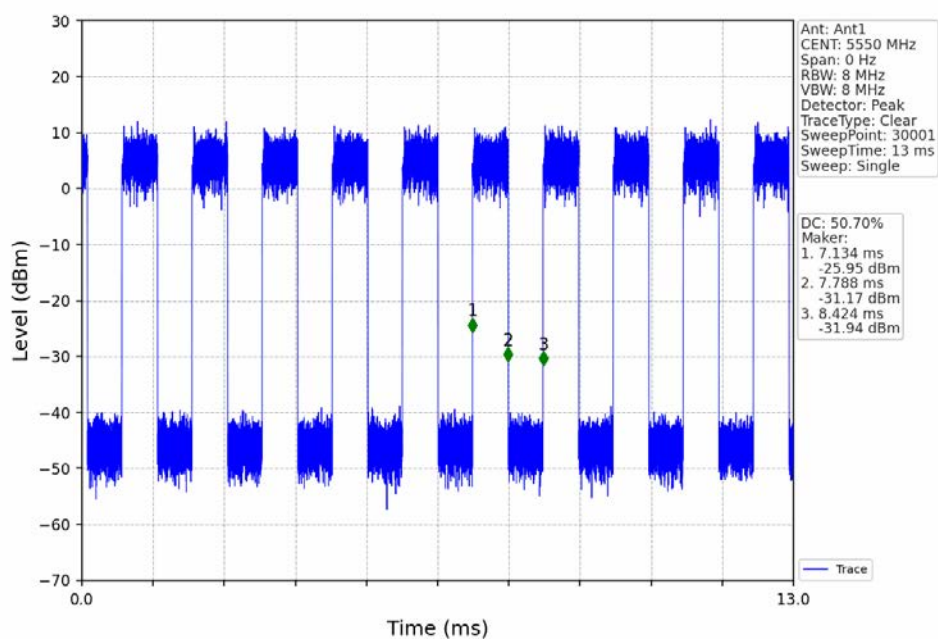
802.11ac(VHT20) HCH 5700MHz_Ant1_NTNV



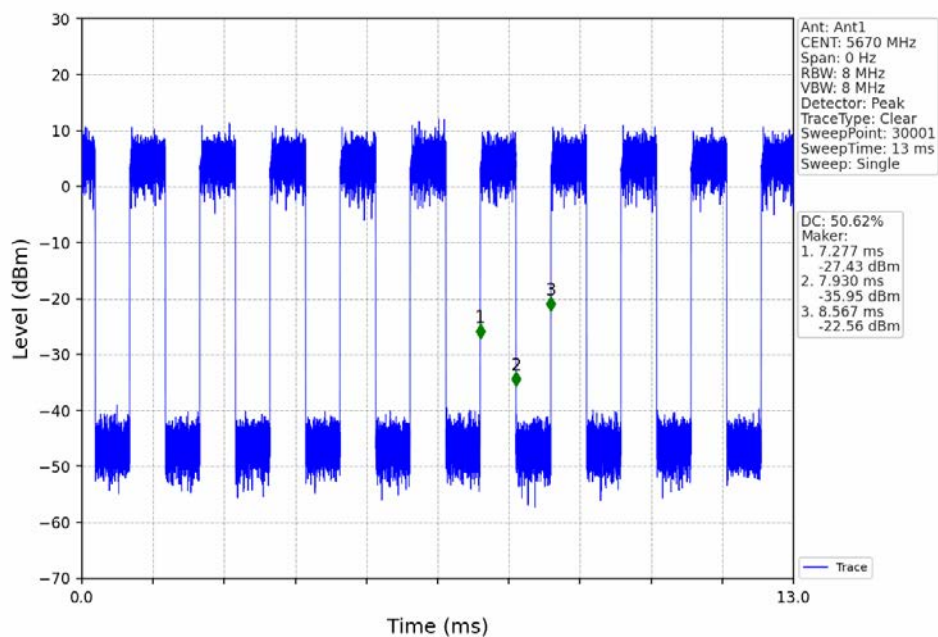
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



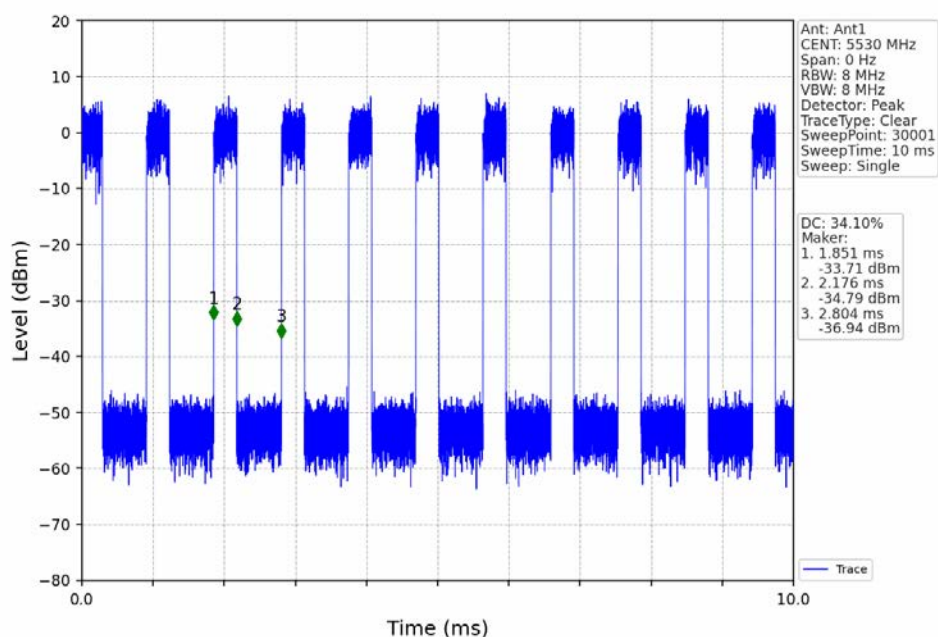
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



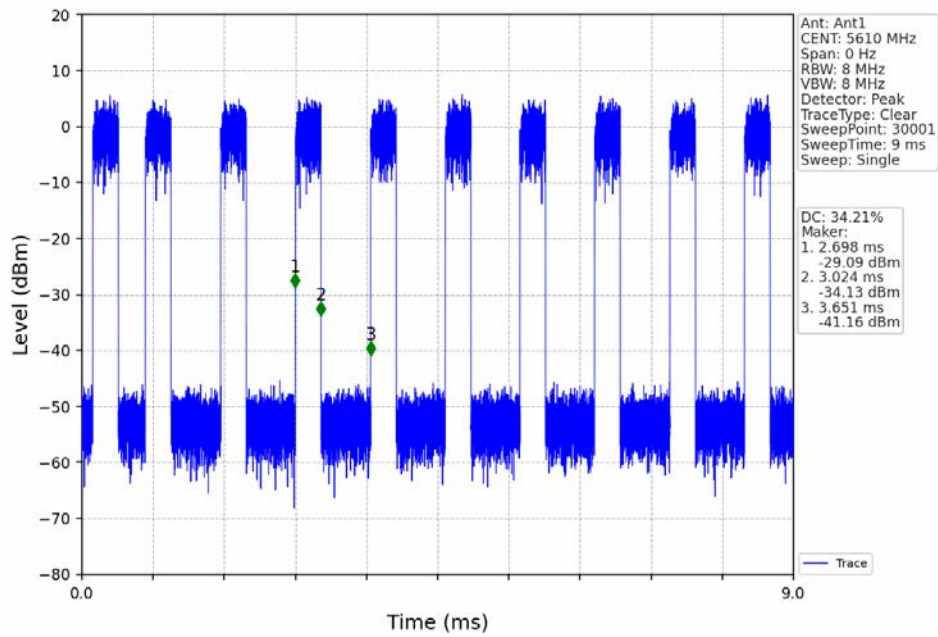
802.11ac(VHT40) HCH_5670MHz_Ant1_NTNV



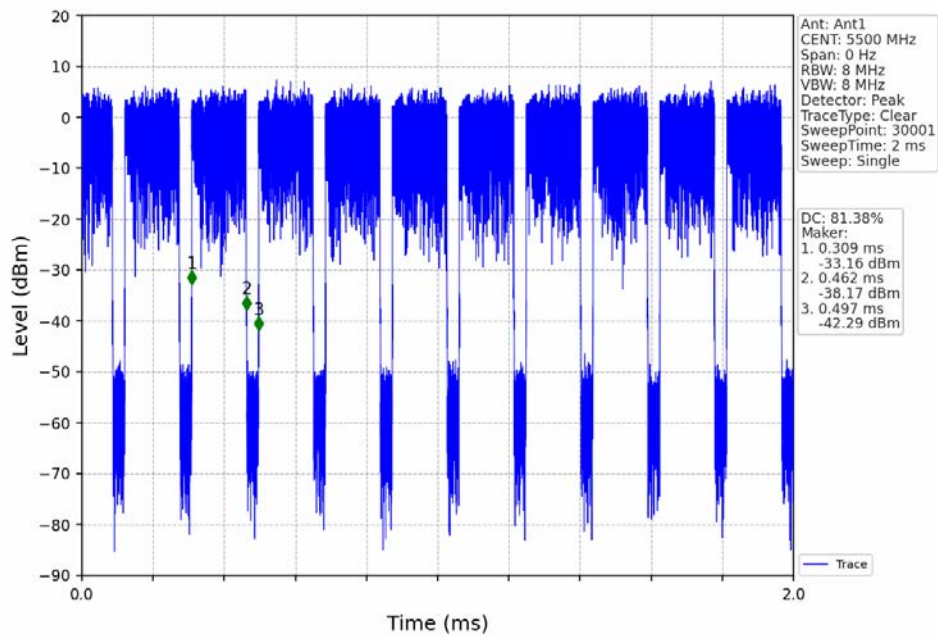
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



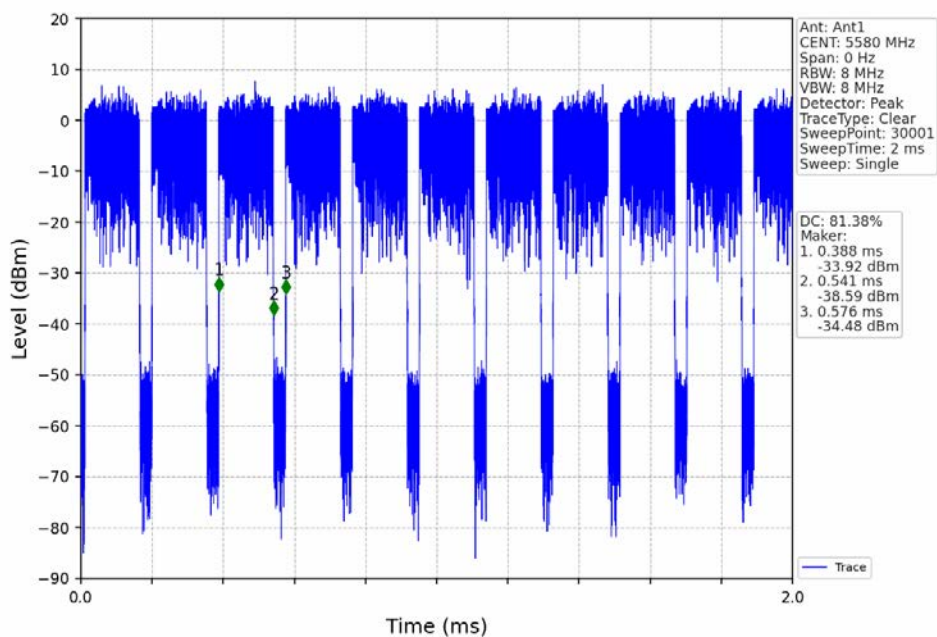
802.11ac(VHT80) HCH_5610MHz_Ant1_NTNV



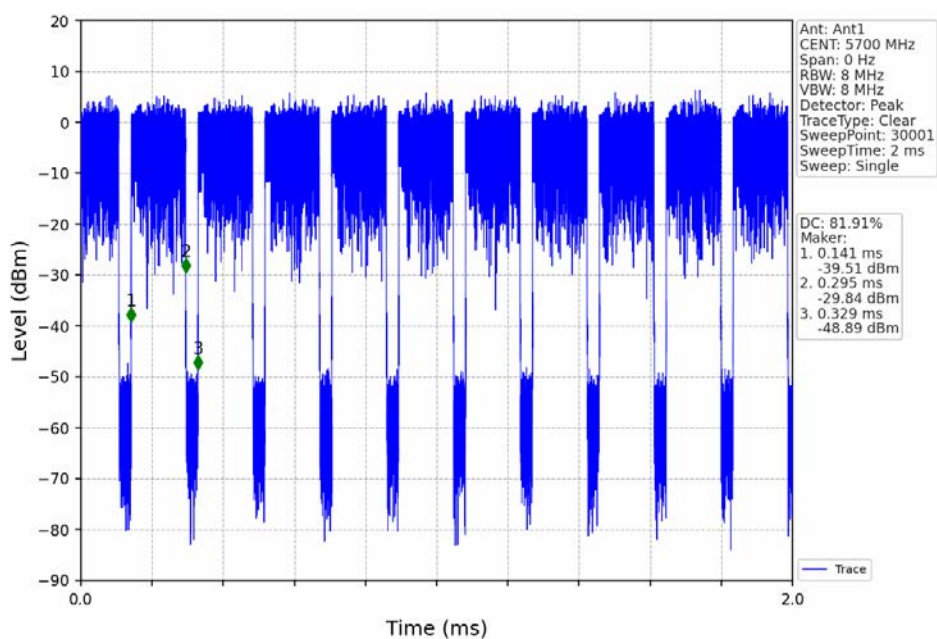
802.11ax(HEW20) LCH_5500MHz_RU242_Left_Ant1_NTNV



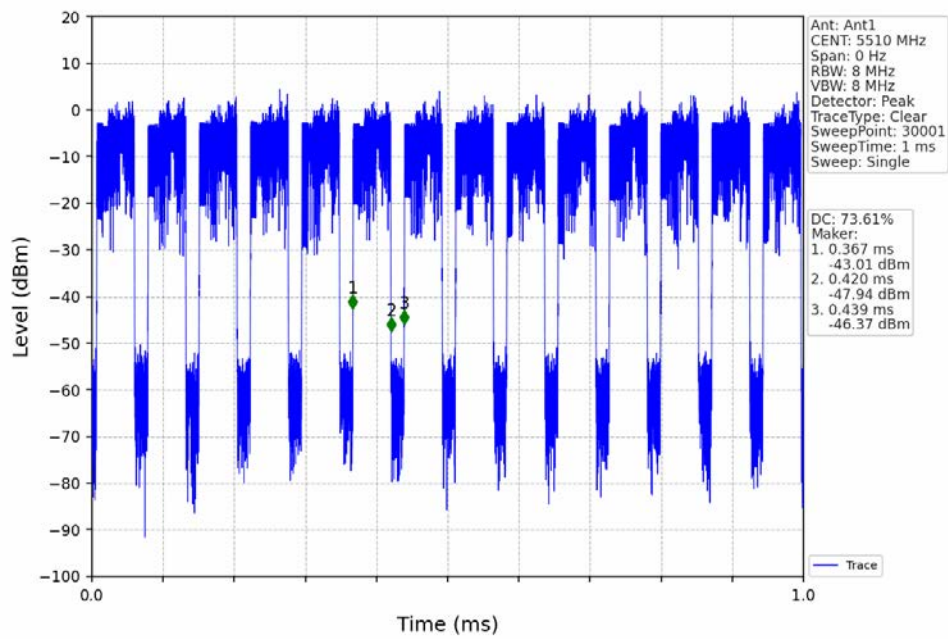
802.11ax(HEW20) MCH 5580MHz RU242 Left Ant1 NTN



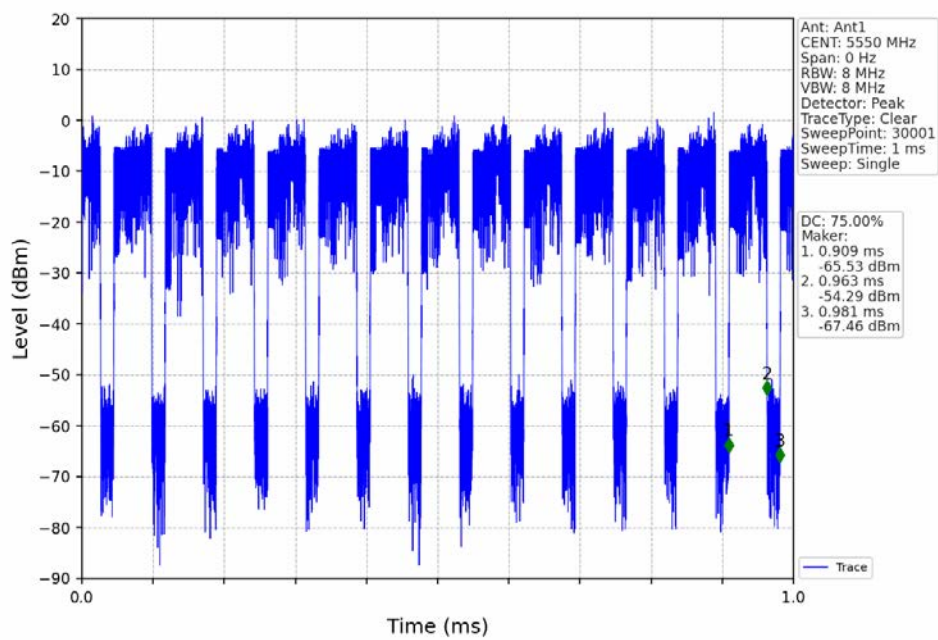
802.11ax(HEW20) HCH 5700MHz RU242 Left Ant1 NTN



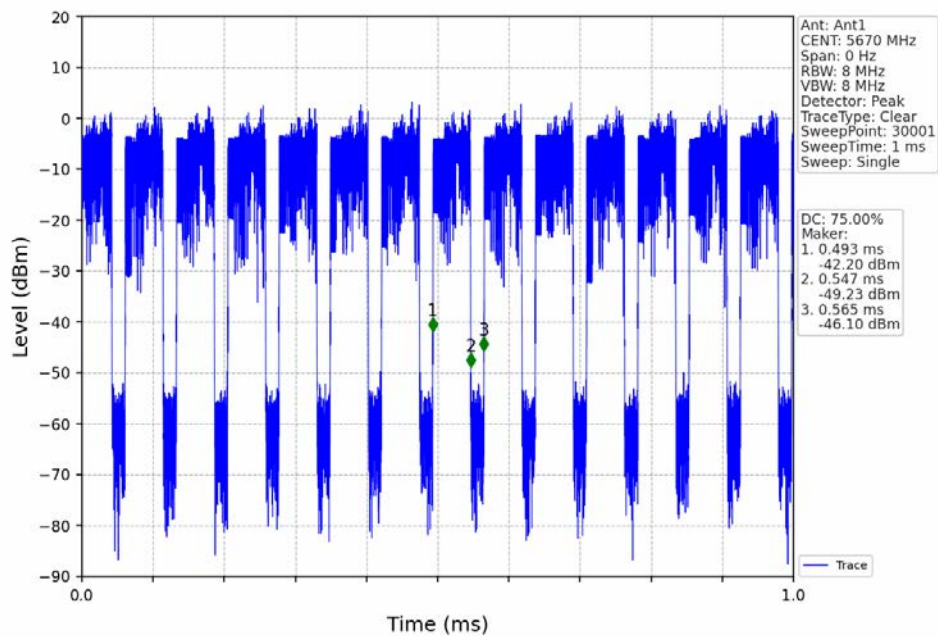
802.11ax(HEW40) LCH_5510MHz RU484 Left Ant1 NTN



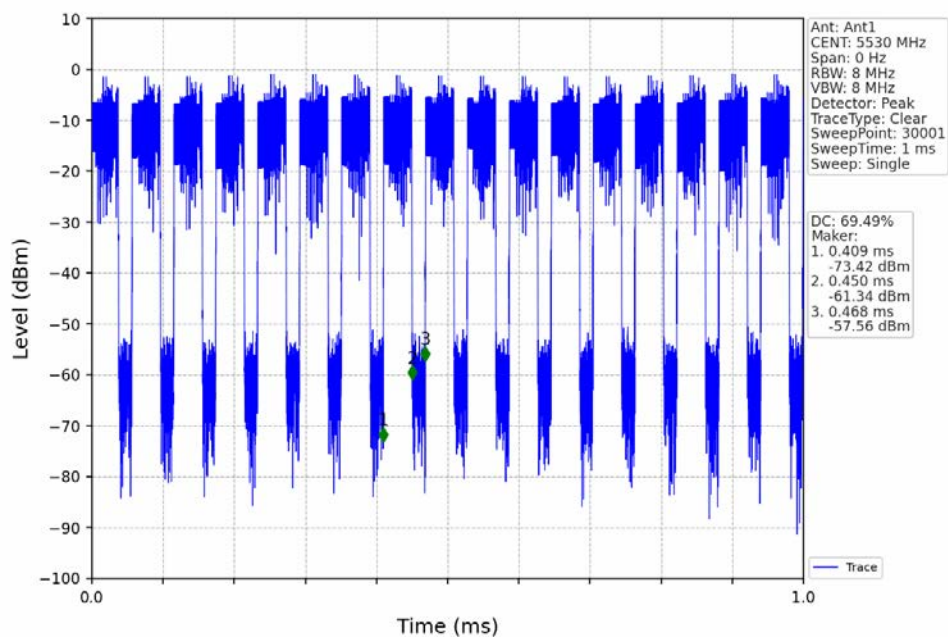
802.11ax(HEW40) MCH_5550MHz RU484 Left Ant1 NTN



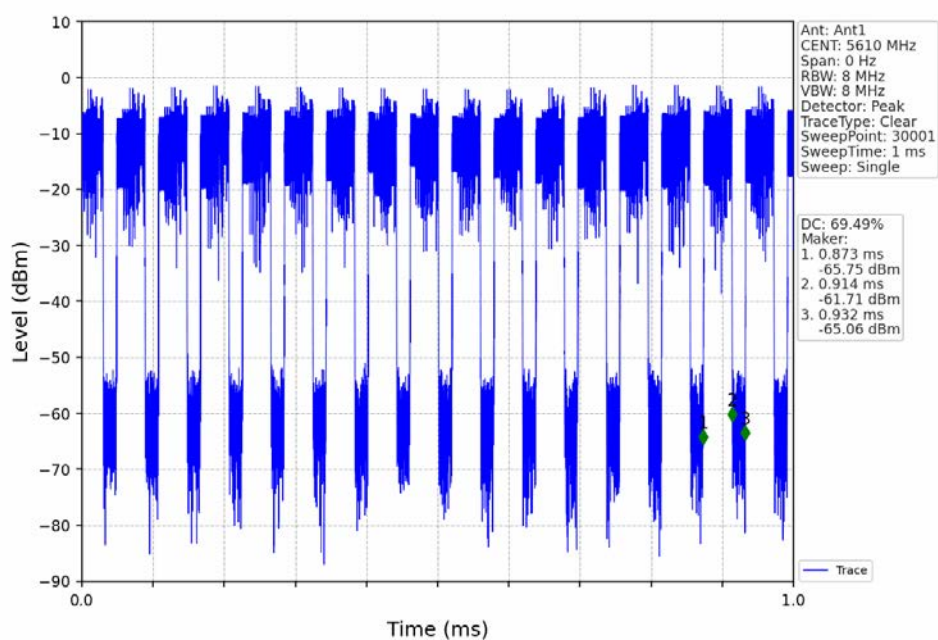
802.11ax(HEW40)_HCH_5670MHz_RU484_Left Ant1_NTNV



802.11ax(HEW80)_LCH_5530MHz_RU996_Left Ant1_NTNV



802.11ax(HEW80) HCH_5610MHz RU996 Left Ant1 NTN



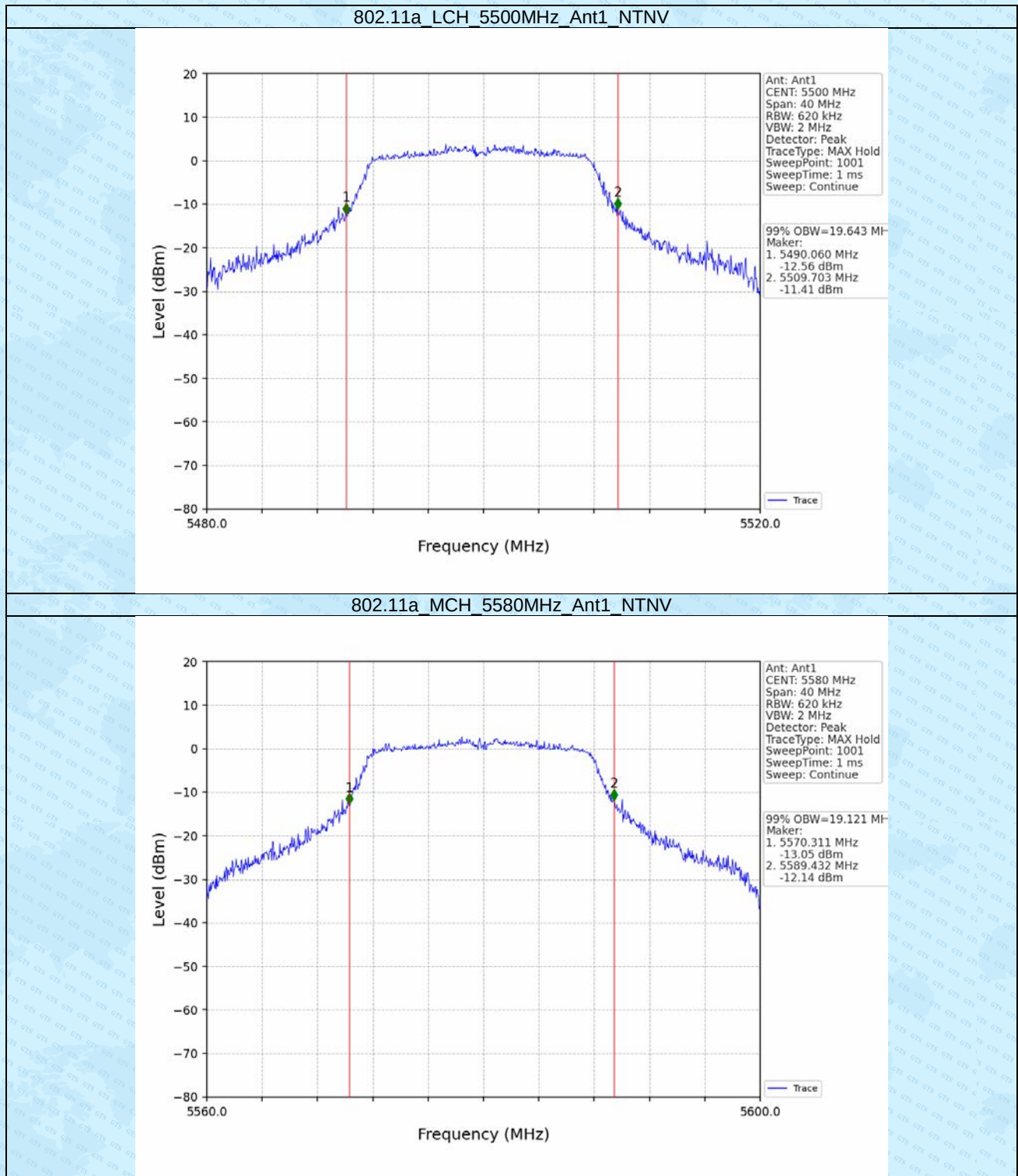
2. Bandwidth

2.1 OBW

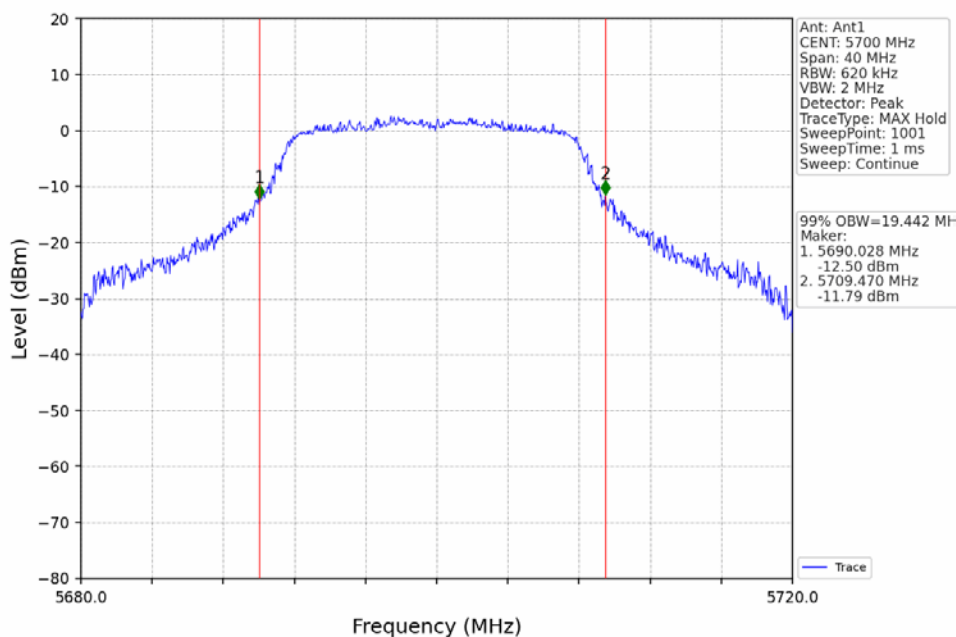
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5500	/	/	1	19.643	Pass
		5580	/	/	1	19.121	Pass
		5700	/	/	1	19.442	Pass
802.11n (HT20)	MIMO	5500	/	/	1	20.228	Pass
		5580	/	/	1	20.144	Pass
		5700	/	/	1	20.078	Pass
802.11n (HT40)	MIMO	5510	/	/	1	36.072	Pass
		5550	/	/	1	36.171	Pass
		5670	/	/	1	36.104	Pass
802.11ac (VHT20)	MIMO	5500	/	/	1	20.166	Pass
		5580	/	/	1	20.115	Pass
		5700	/	/	1	20.143	Pass
802.11ac (VHT40)	MIMO	5510	/	/	1	35.990	Pass
		5550	/	/	1	36.042	Pass
		5670	/	/	1	36.017	Pass
802.11ac (VHT80)	MIMO	5530	/	/	1	75.323	Pass
		5610	/	/	1	75.371	Pass
802.11ax (HEW20)	MIMO	5500	RU242	Left	1	19.695	Pass
		5580	RU242	Left	1	19.790	Pass
		5700	RU242	Left	1	19.728	Pass
802.11ax (HEW40)	MIMO	5510	RU484	Left	1	38.002	Pass
		5550	RU484	Left	1	38.046	Pass
		5670	RU484	Left	1	38.089	Pass
802.11ax (HEW80)	MIMO	5530	RU996	Left	1	77.251	Pass
		5610	RU996	Left	1	77.365	Pass

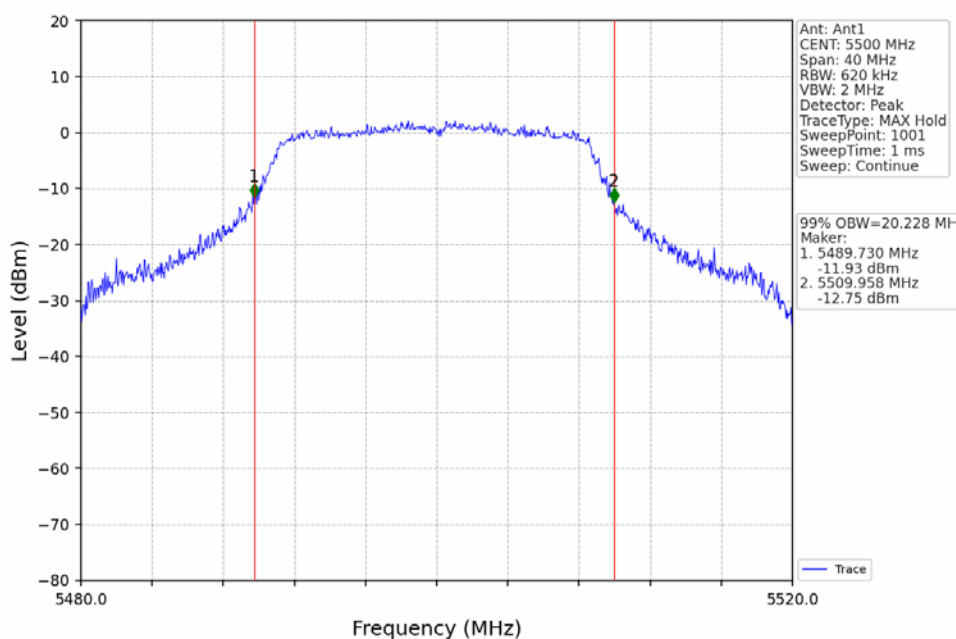
2.1.2 Test Graph



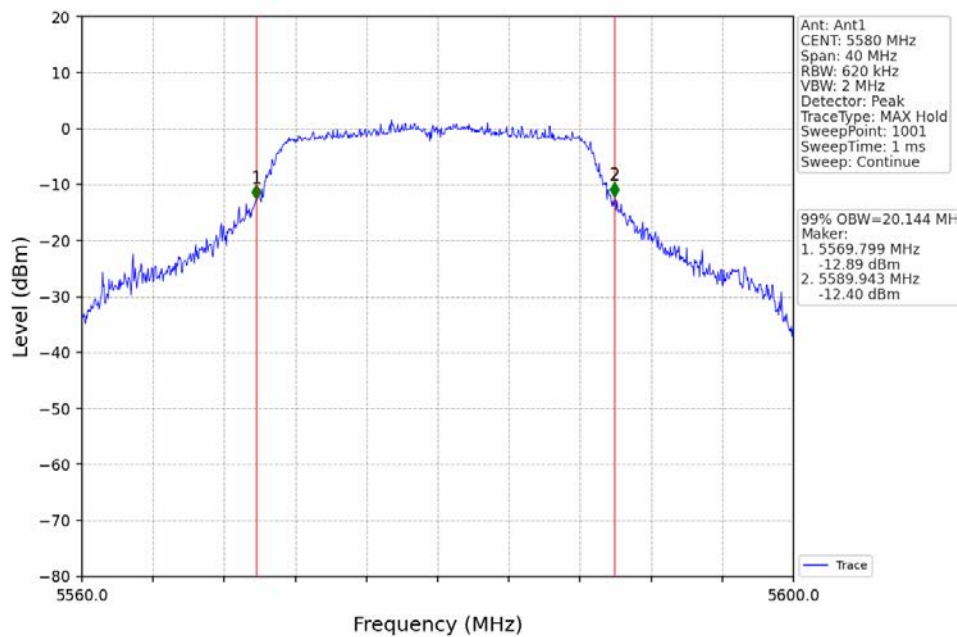
802.11a_HCH_5700MHz_Ant1_NTNV



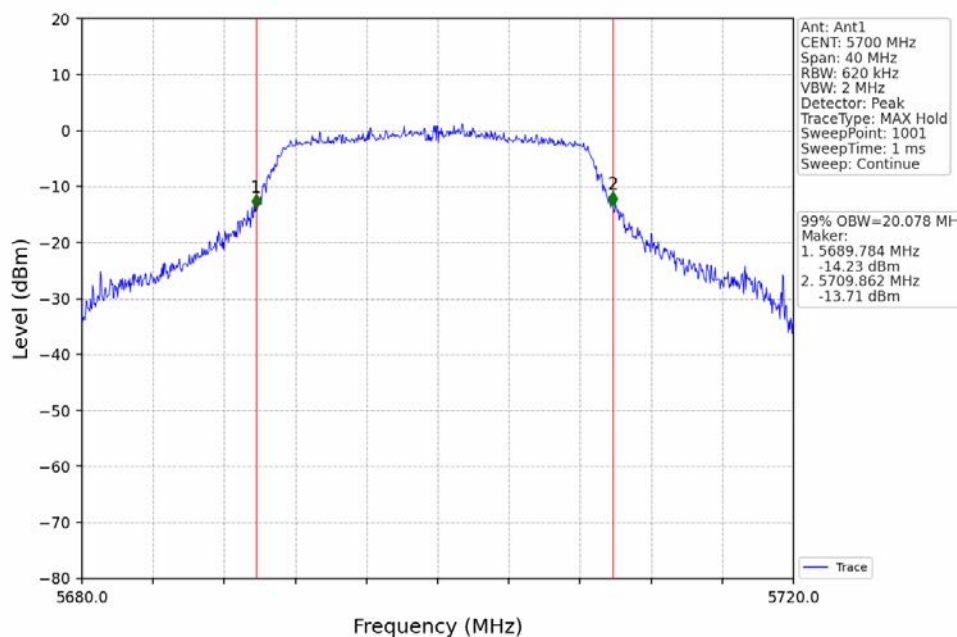
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



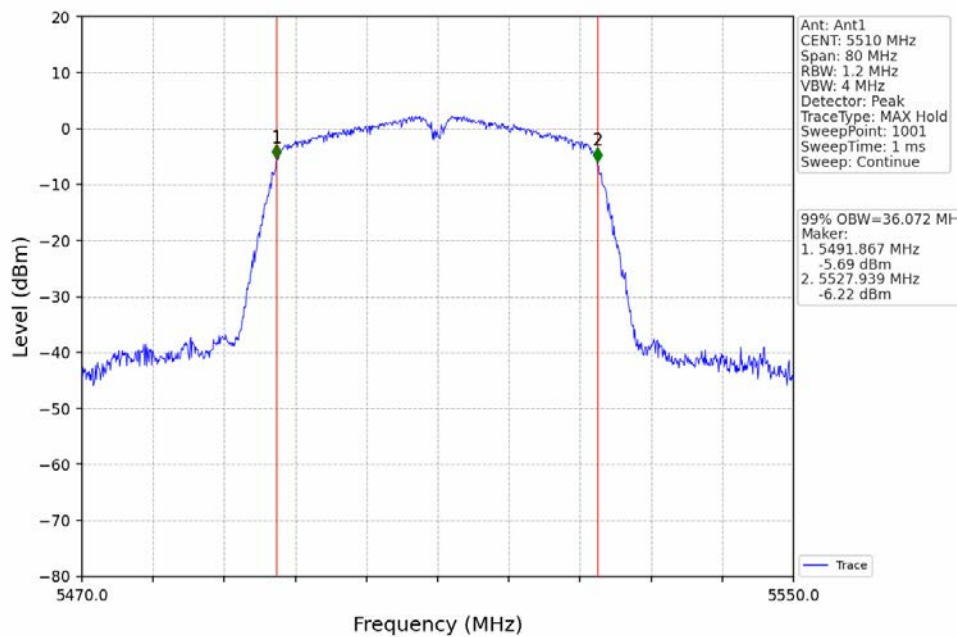
802.11n(HT20) MCH 5580MHz_Ant1_NTNV



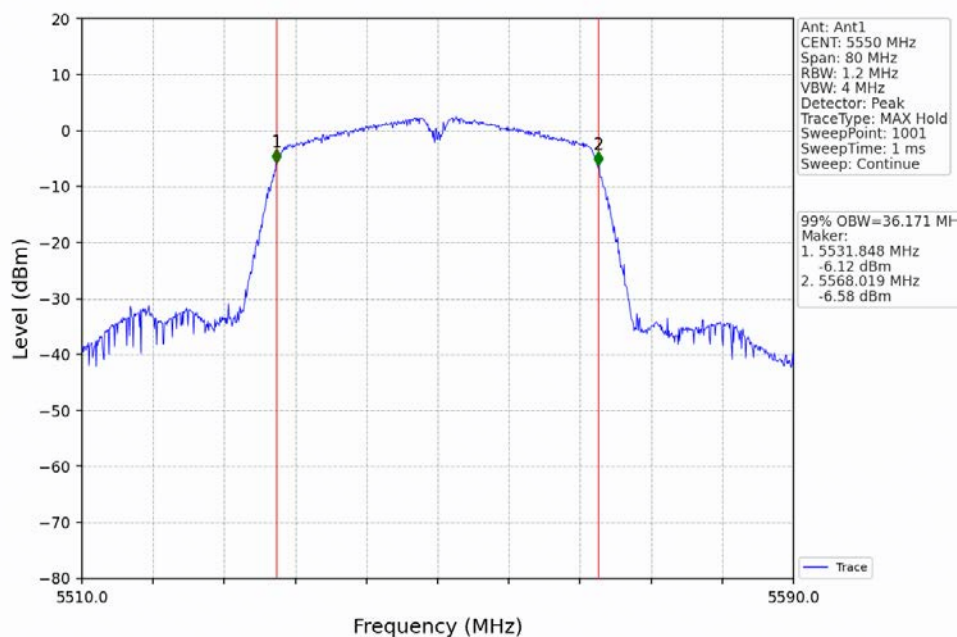
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



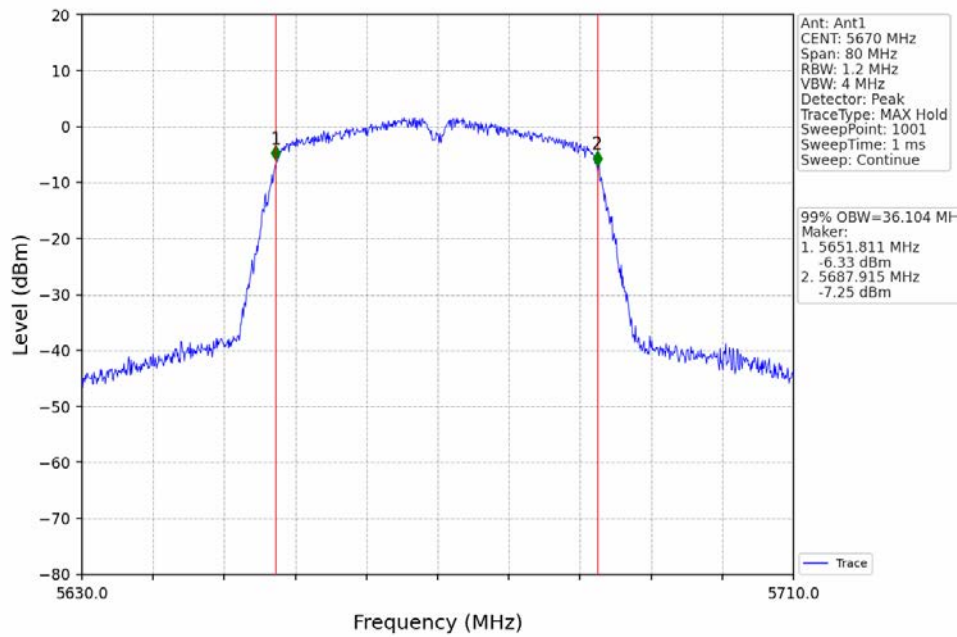
802.11n(HT40) LCH 5510MHz_Ant1_NTNV



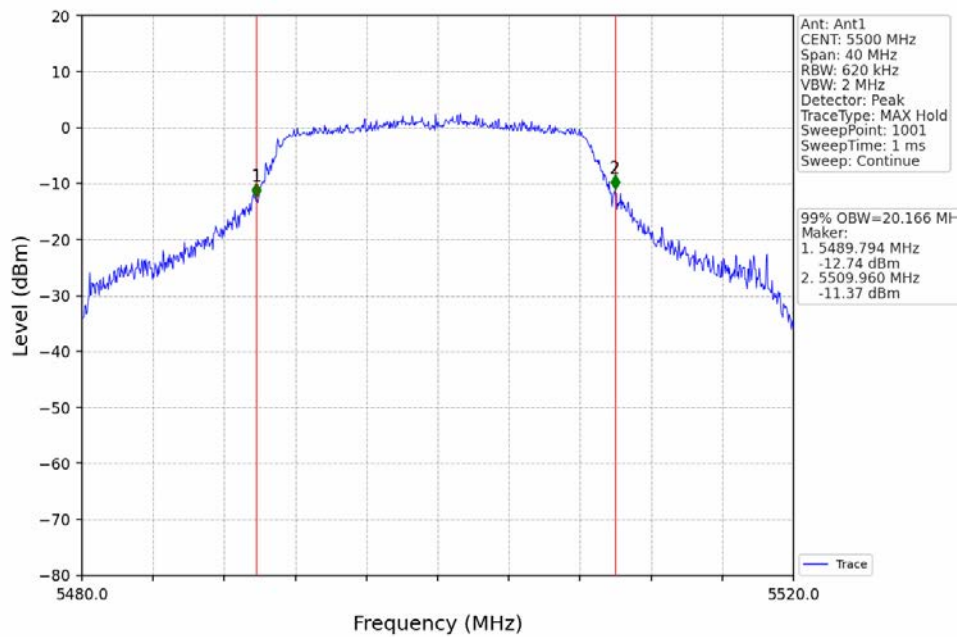
802.11n(HT40) MCH 5550MHz_Ant1_NTNV



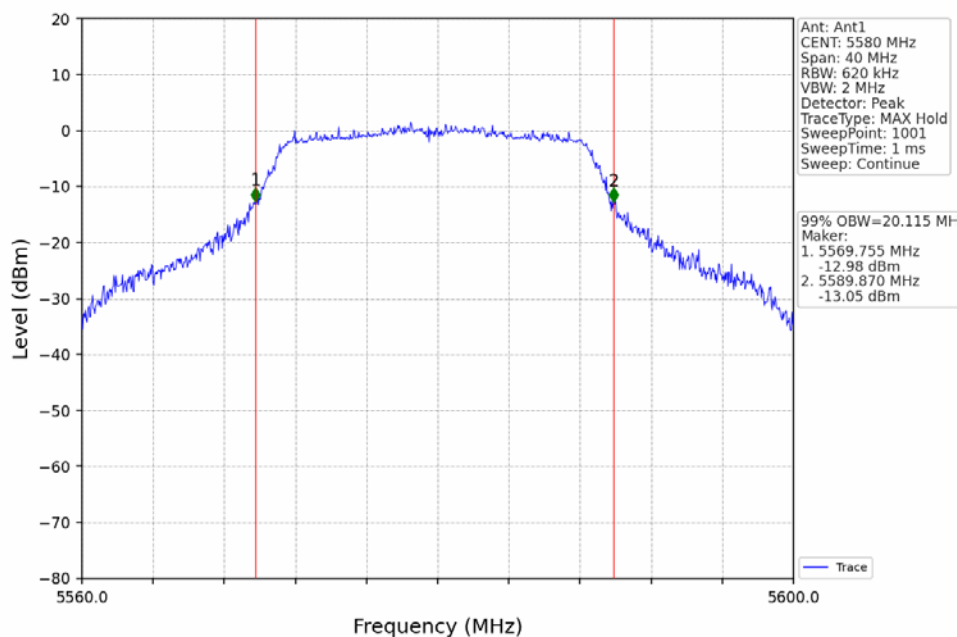
802.11n(HT40) HCH 5670MHz Ant1_NTNV



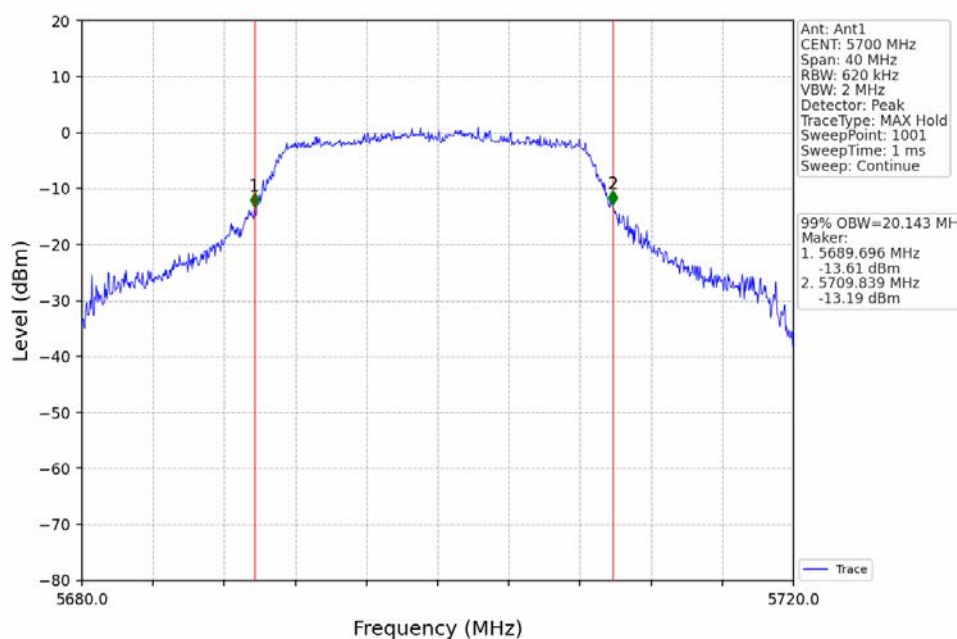
802.11ac(VHT20) LCH 5500MHz Ant1_NTNV



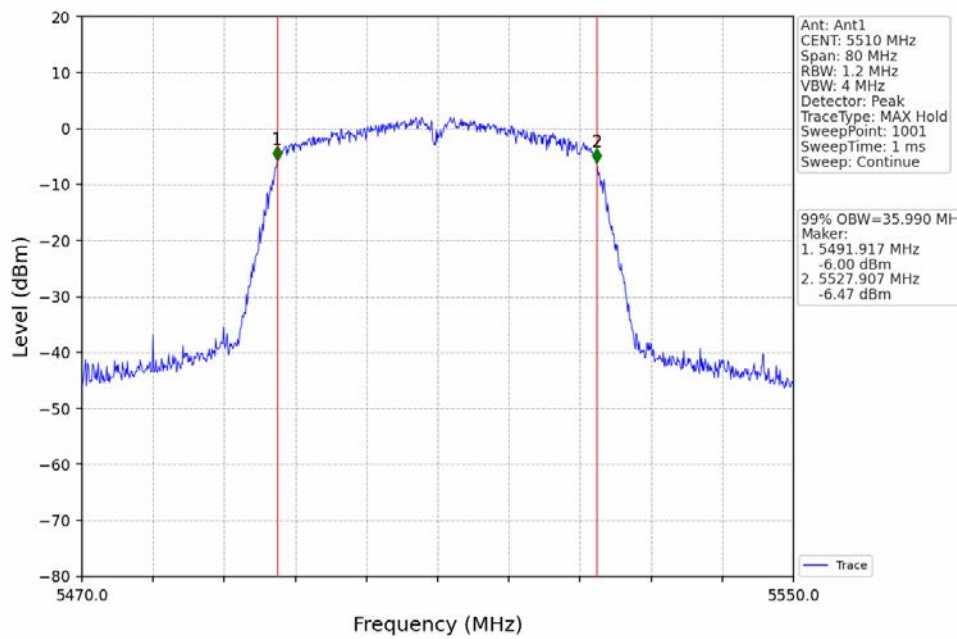
802.11ac(VHT20) MCH 5580MHz Ant1_NTNV



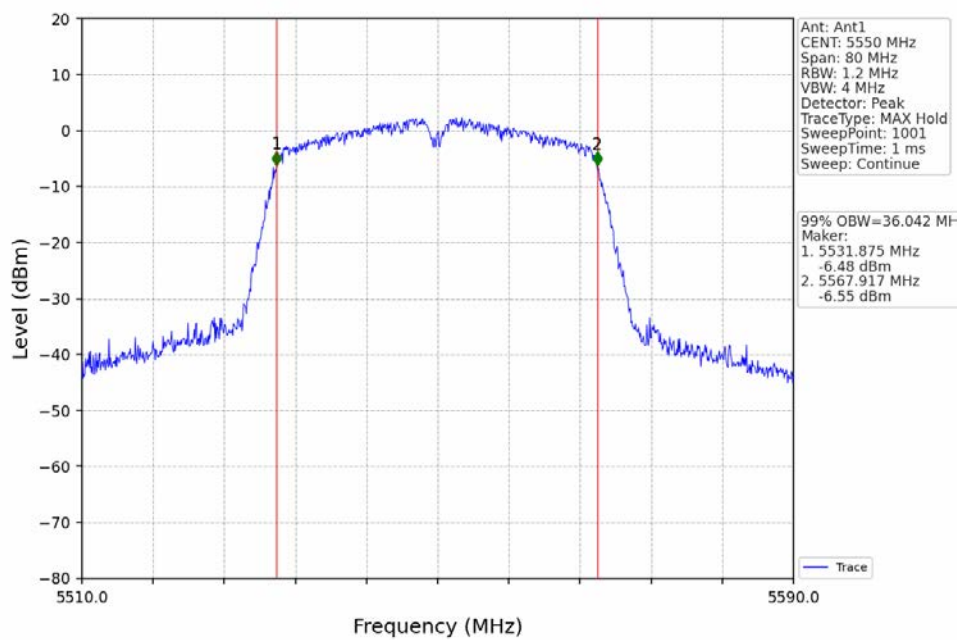
802.11ac(VHT20) HCH 5700MHz Ant1_NTNV



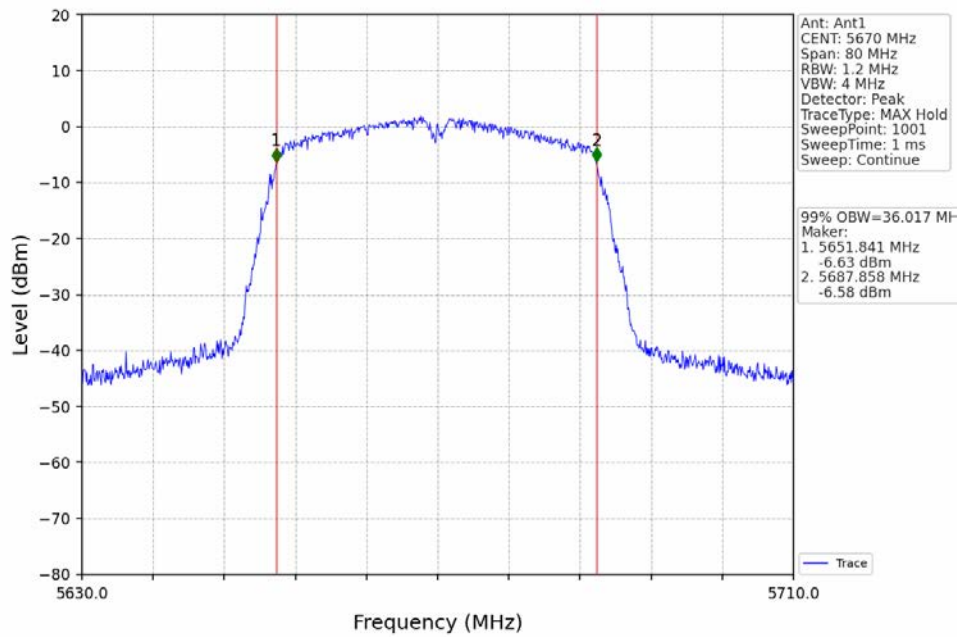
802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



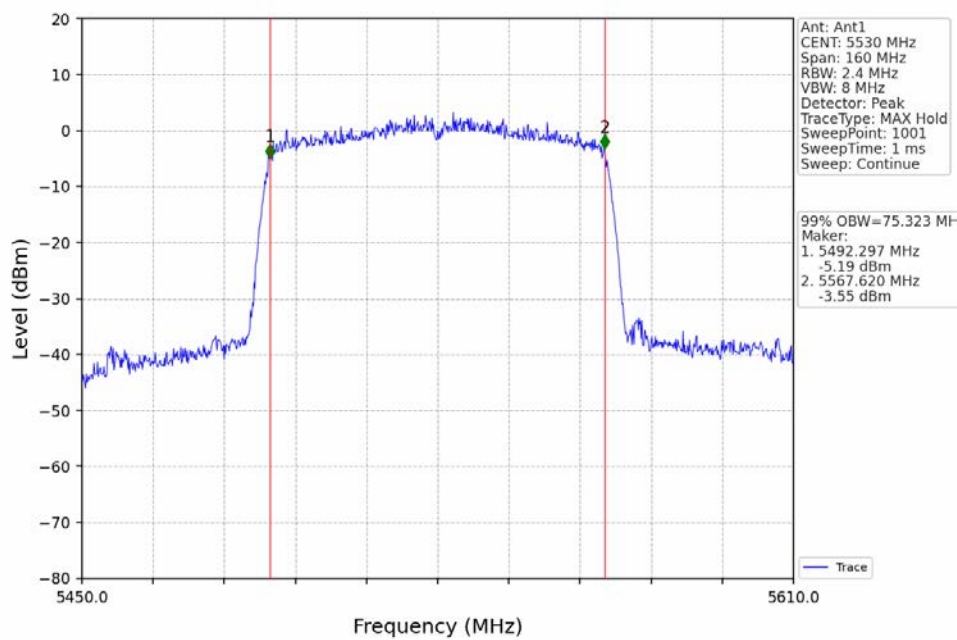
802.11ac(VHT40) MCH_5550MHz_Ant1_NTNV



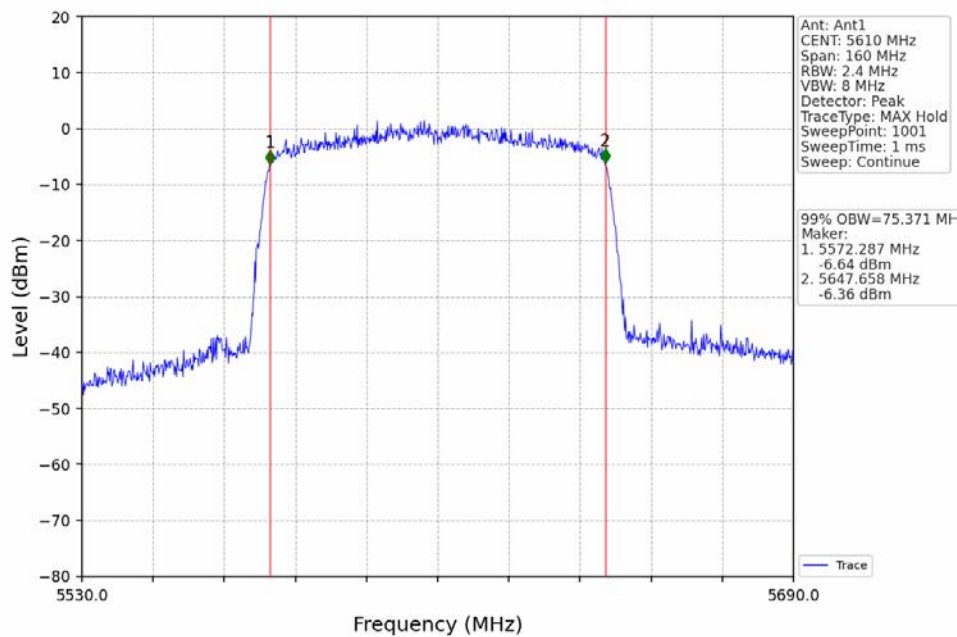
802.11ac(VHT40) HCH_5670MHz_Ant1_NTNV



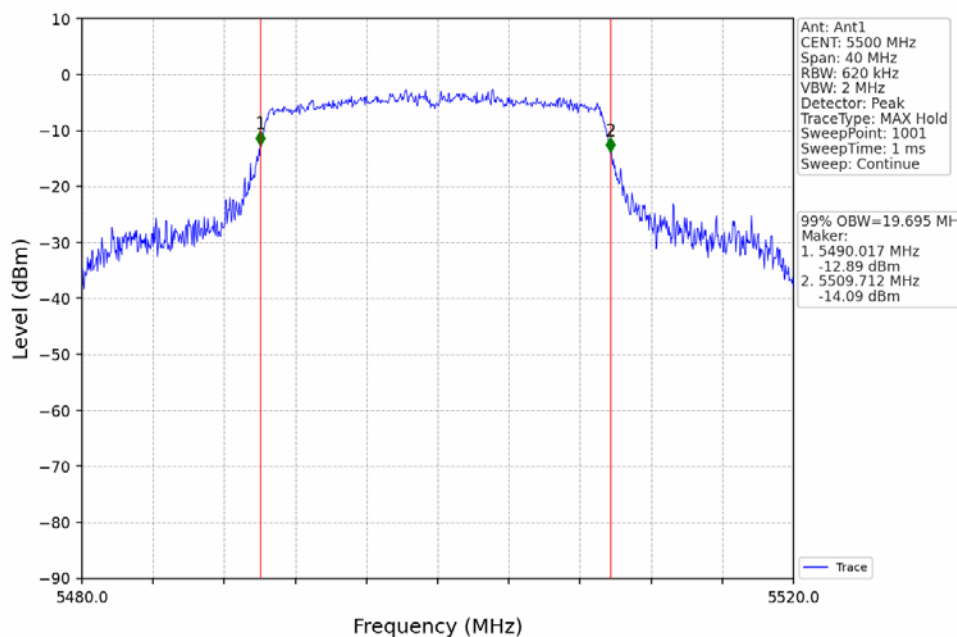
802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



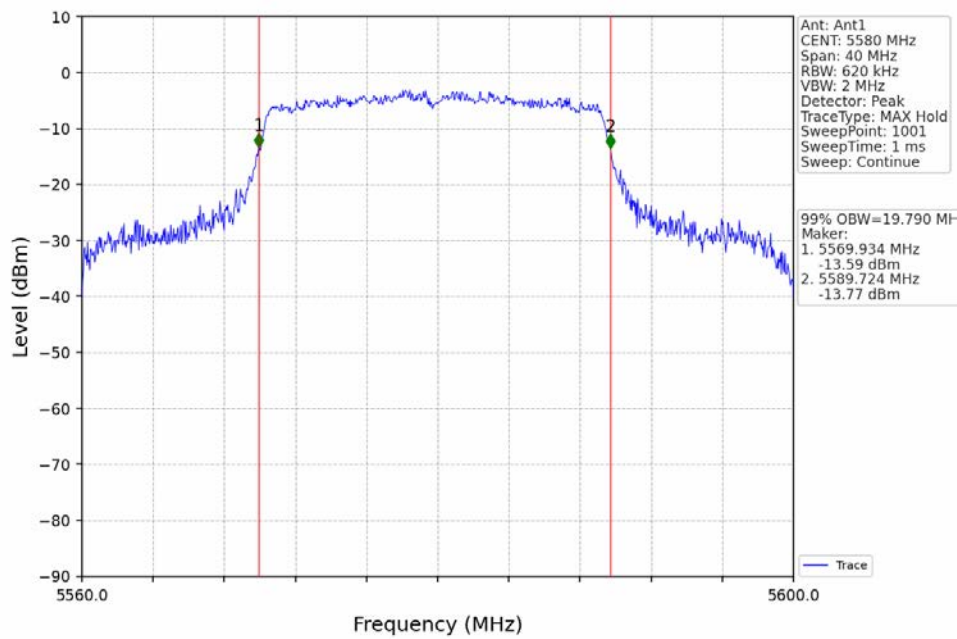
802.11ac(VHT80) HCH_5610MHz_Ant1_NTNV



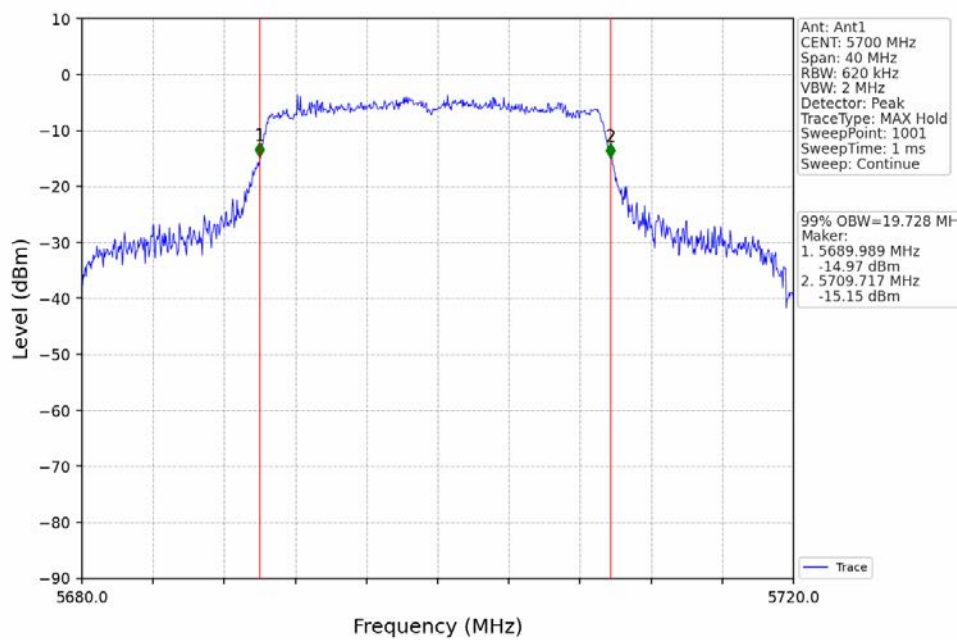
802.11ax(HEW20) LCH_5500MHz_RU242_Left Ant1_NTNV



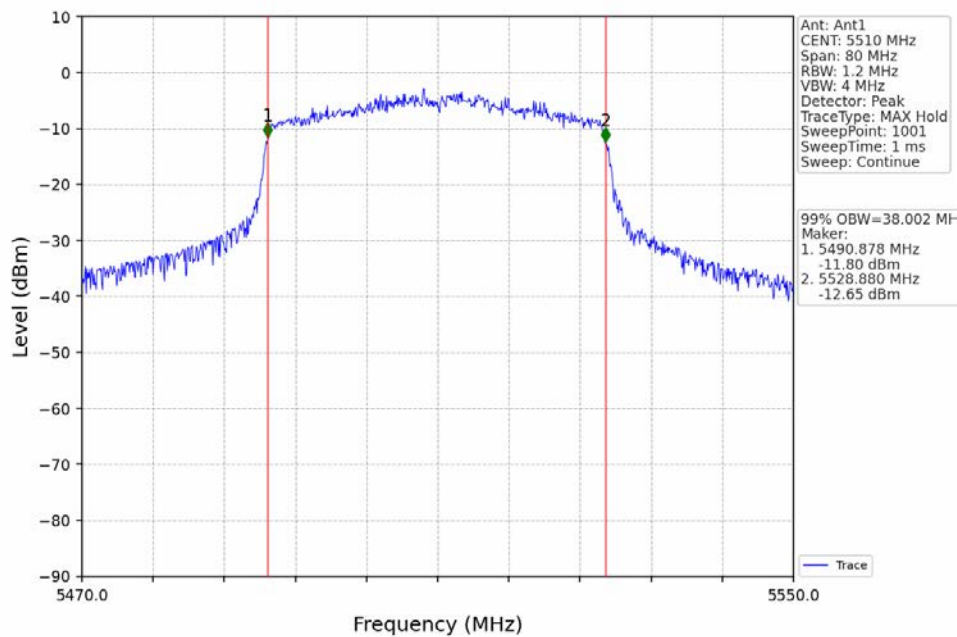
802.11ax(HEW20)_MCH_5580MHz RU242_Left Ant1 NTN



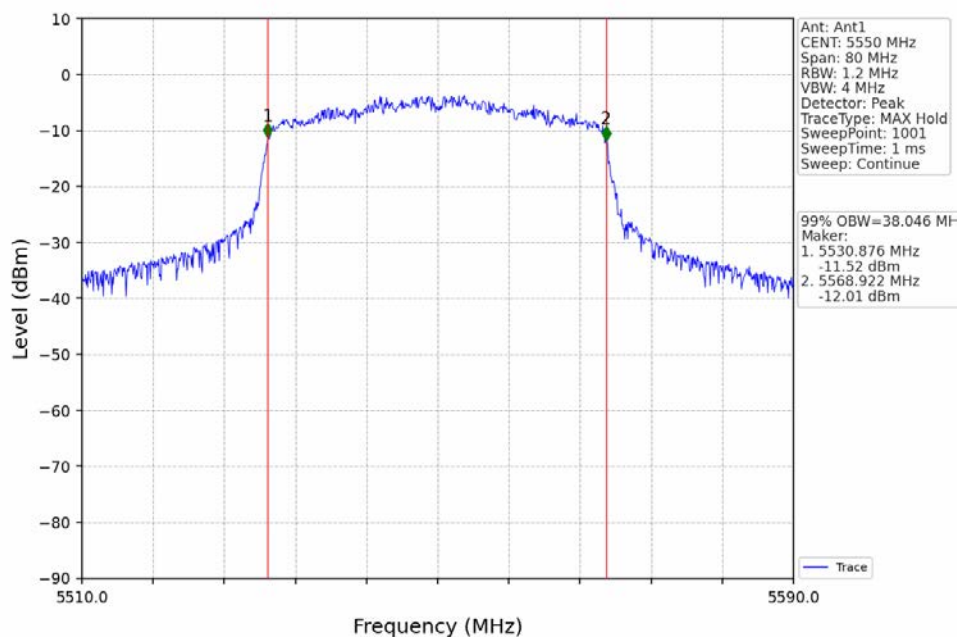
802.11ax(HEW20)_HCH_5700MHz RU242_Left Ant1 NTN



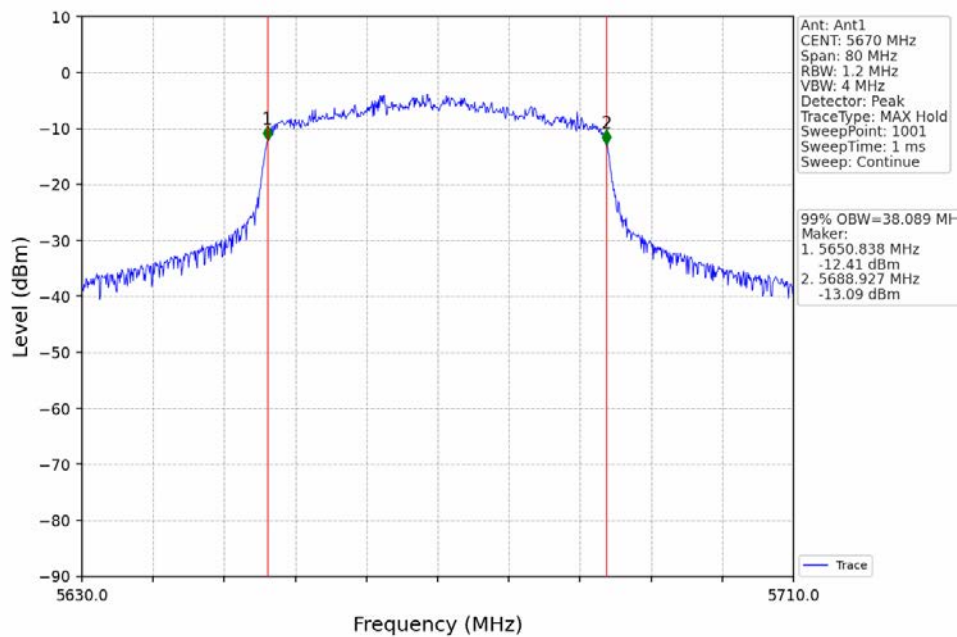
802.11ax(HEW40) LCH_5510MHz RU484 Left Ant1 NTN



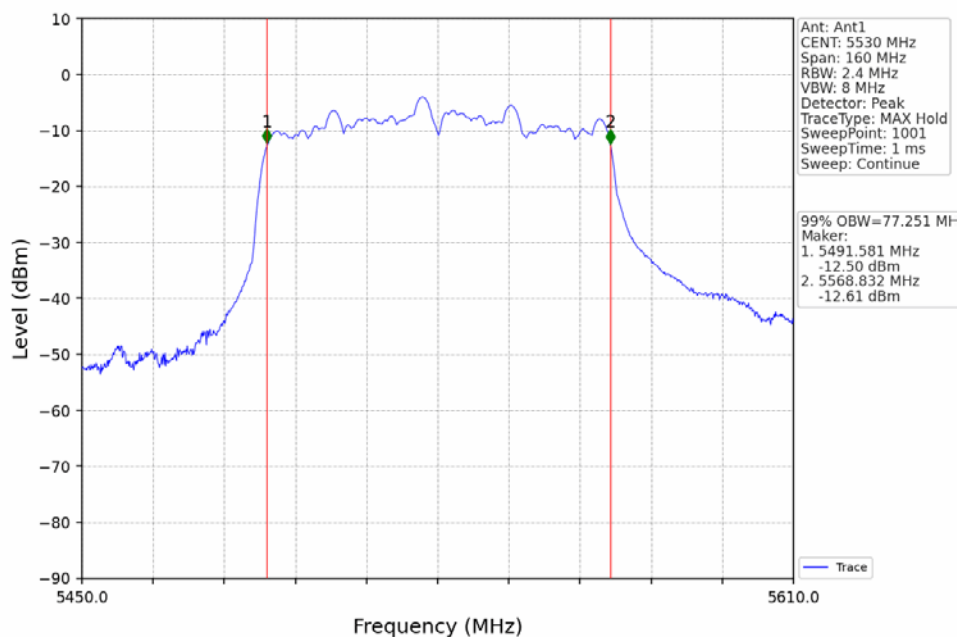
802.11ax(HEW40) MCH_5550MHz RU484 Left Ant1 NTN

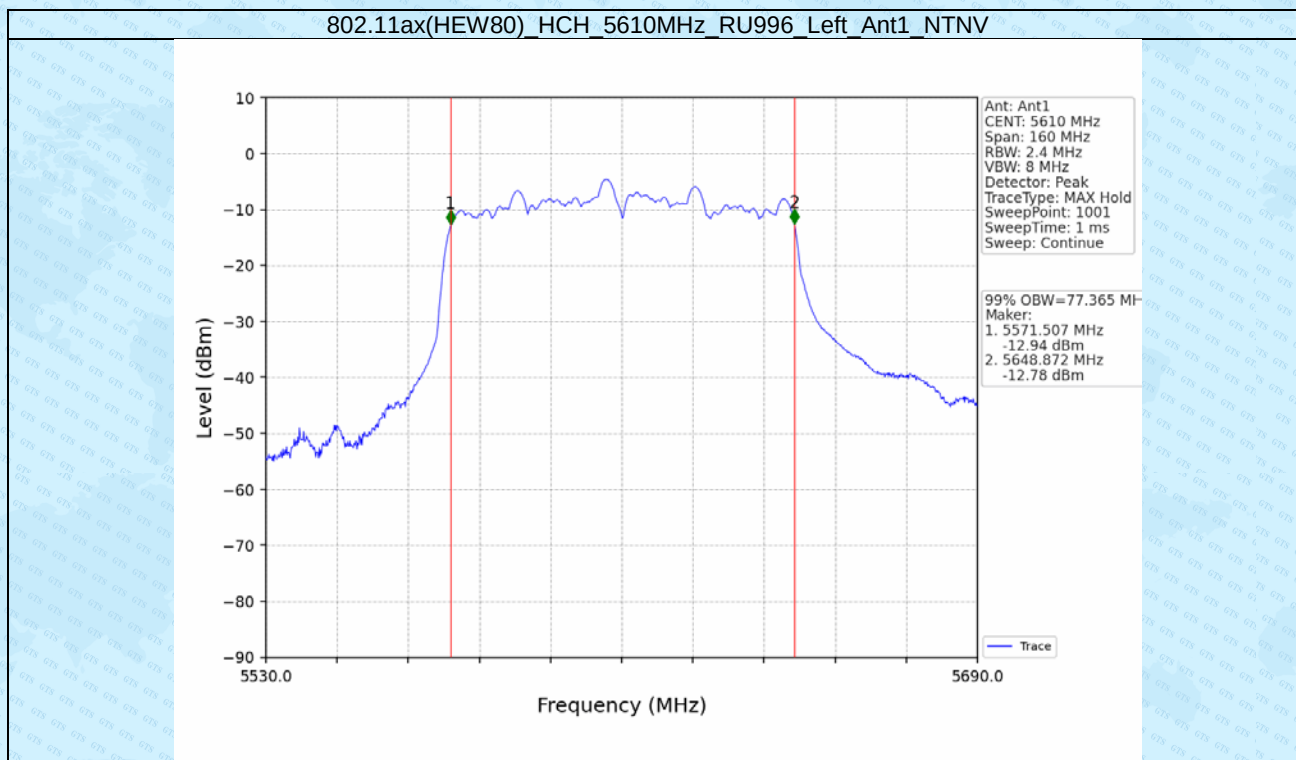


802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant1_NTNV



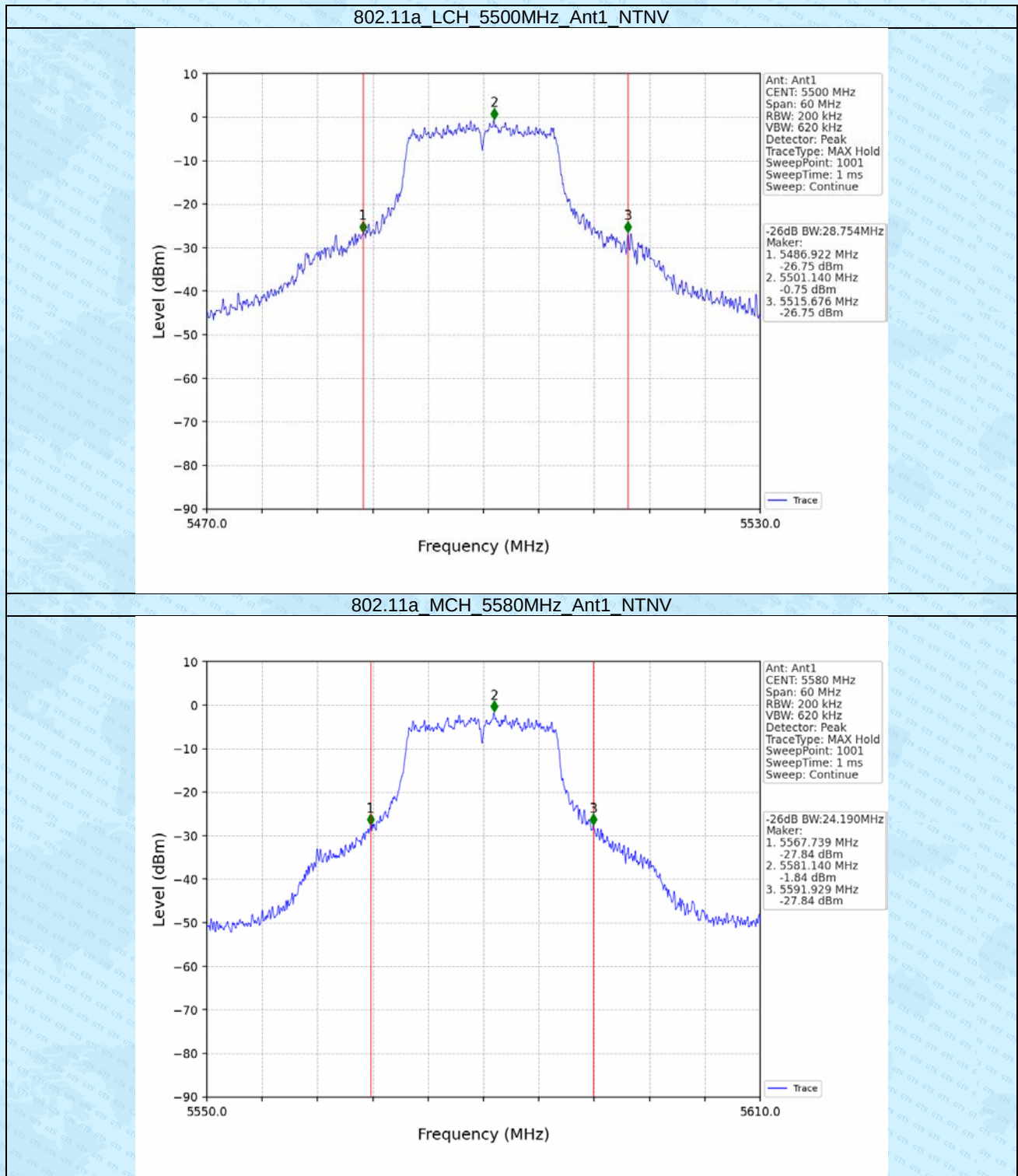


2.3 26dB BW

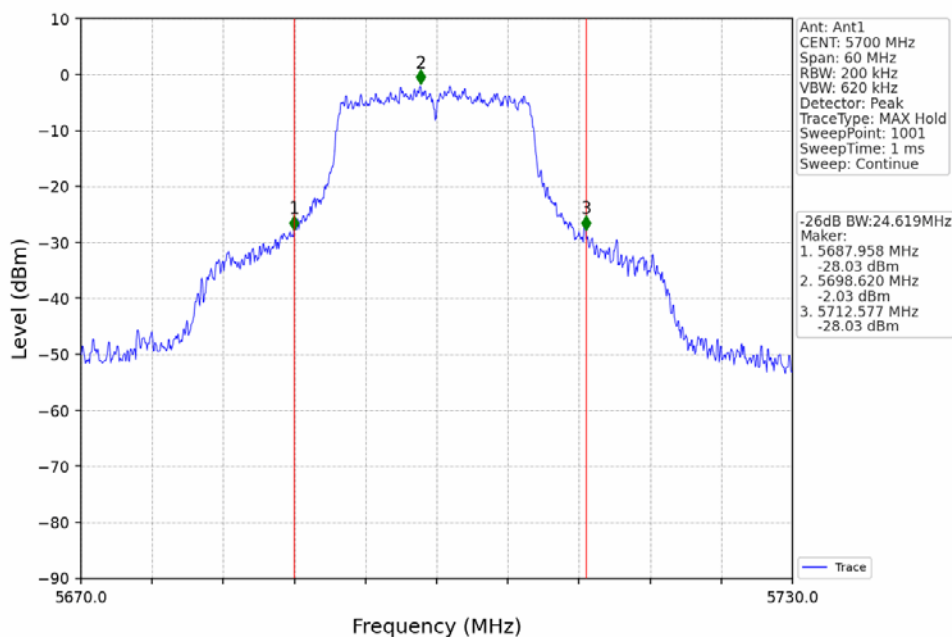
2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5500	/	/	1	28.754	Pass
		5580	/	/	1	24.190	Pass
		5700	/	/	1	24.619	Pass
802.11n (HT20)	MIMO	5500	/	/	1	24.679	Pass
		5580	/	/	1	24.779	Pass
		5700	/	/	1	25.236	Pass
802.11n (HT40)	MIMO	5510	/	/	1	40.085	Pass
		5550	/	/	1	40.217	Pass
		5670	/	/	1	40.121	Pass
802.11ac (VHT20)	MIMO	5500	/	/	1	24.577	Pass
		5580	/	/	1	25.340	Pass
		5700	/	/	1	26.004	Pass
802.11ac (VHT40)	MIMO	5510	/	/	1	40.083	Pass
		5550	/	/	1	40.137	Pass
		5670	/	/	1	39.869	Pass
802.11ac (VHT80)	MIMO	5530	/	/	1	79.666	Pass
		5610	/	/	1	79.877	Pass
802.11ax (HEW20)	MIMO	5500	RU242	Left	1	24.870	Pass
		5580	RU242	Left	1	25.335	Pass
		5700	RU242	Left	1	29.886	Pass
802.11ax (HEW40)	MIMO	5510	RU484	Left	1	41.600	Pass
		5550	RU484	Left	1	42.303	Pass
		5670	RU484	Left	1	41.820	Pass
802.11ax (HEW80)	MIMO	5530	RU996	Left	1	82.448	Pass
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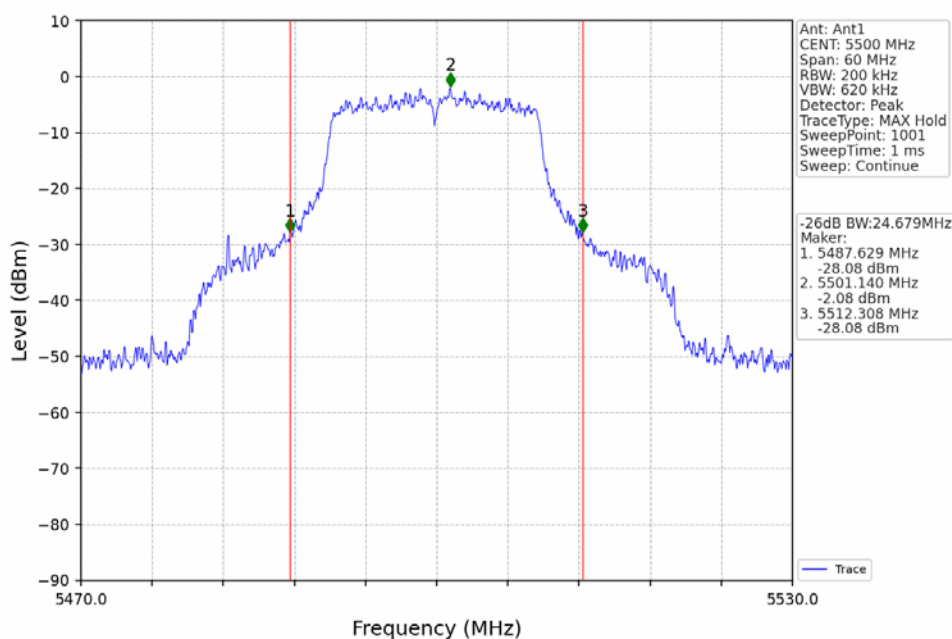
2.3.2 Test Graph



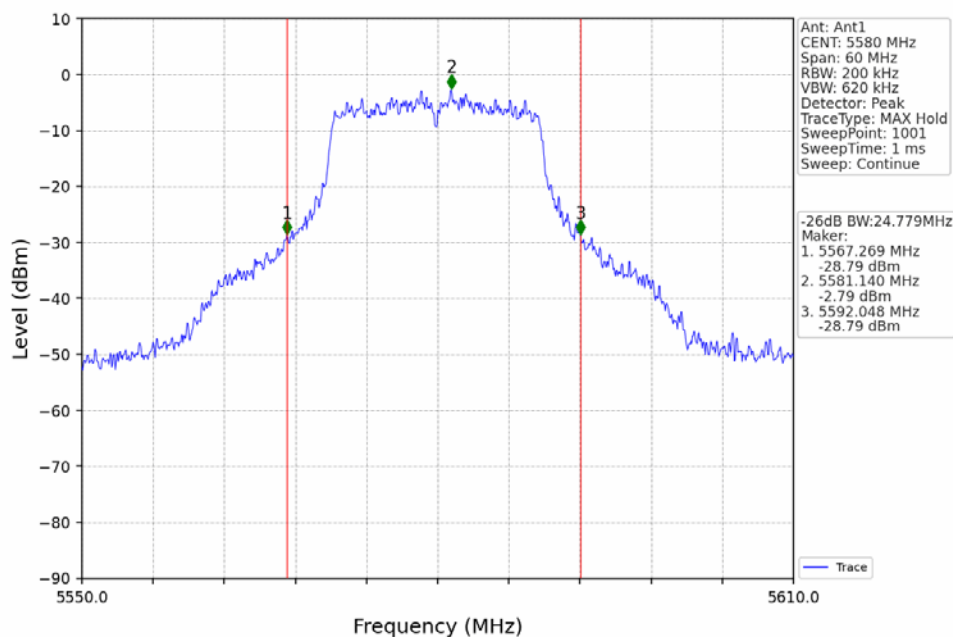
802.11a_HCH_5700MHz_Ant1_NTNV



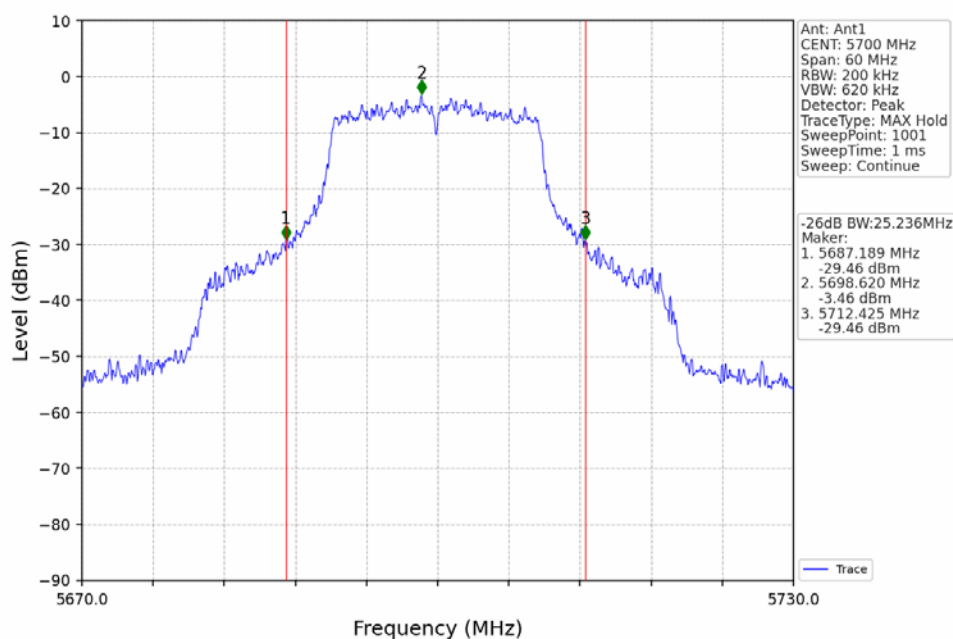
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



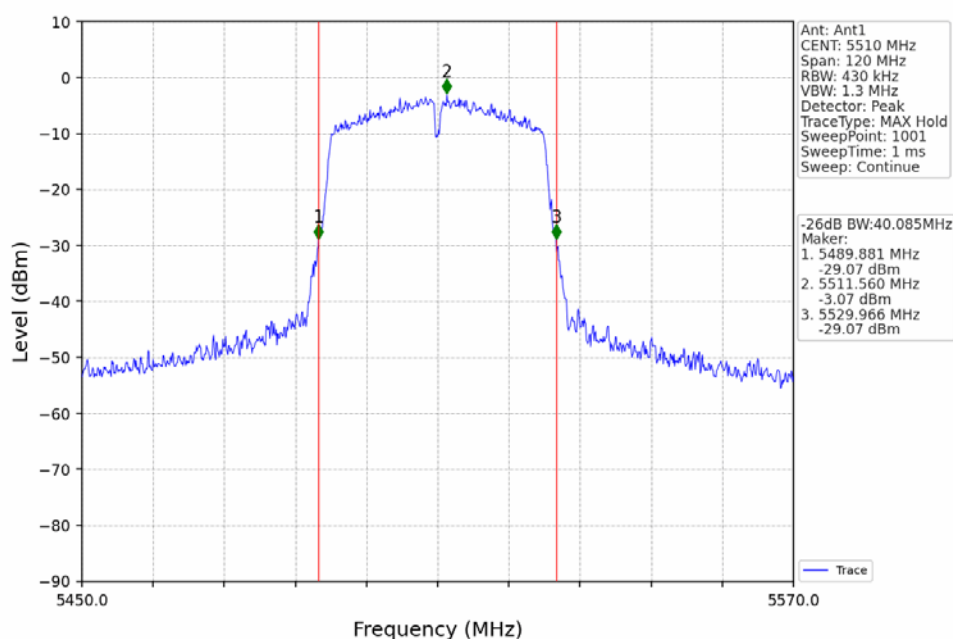
802.11n(HT20) MCH 5580MHz_Ant1_NTNV



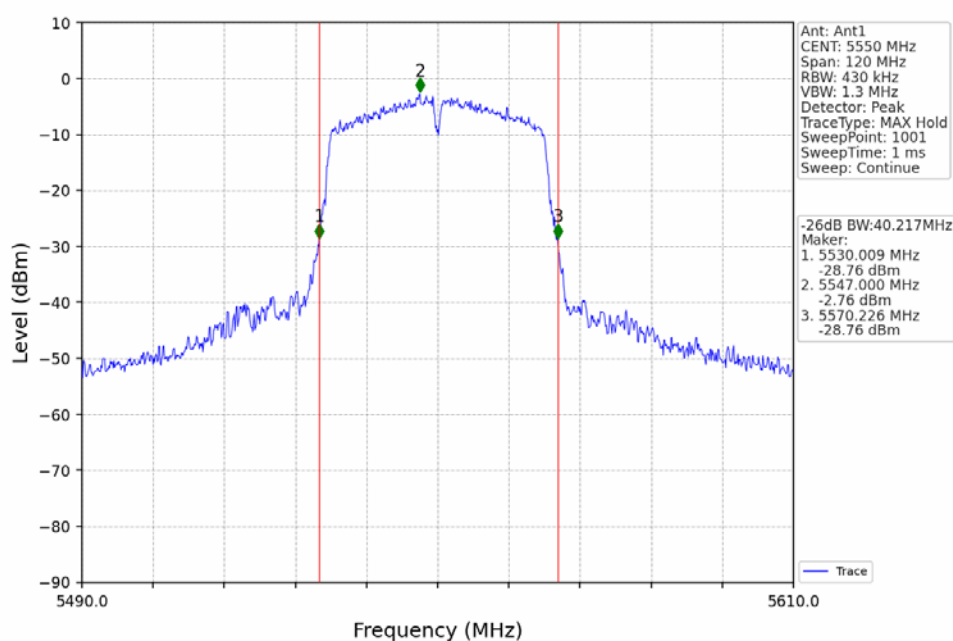
802.11n(HT20) HCH 5700MHz_Ant1_NTNV



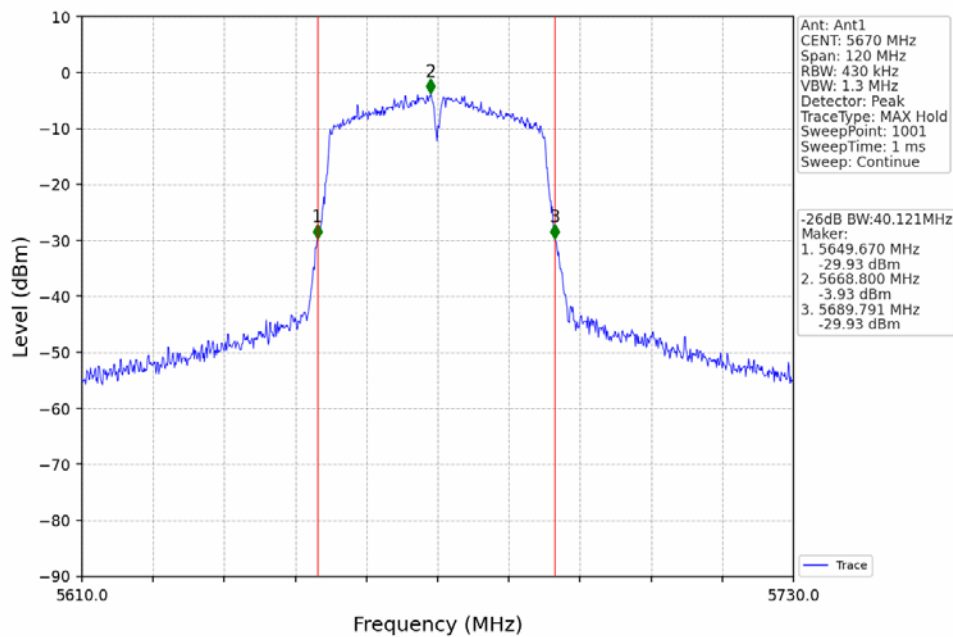
802.11n(HT40) LCH 5510MHz Ant1 NTN



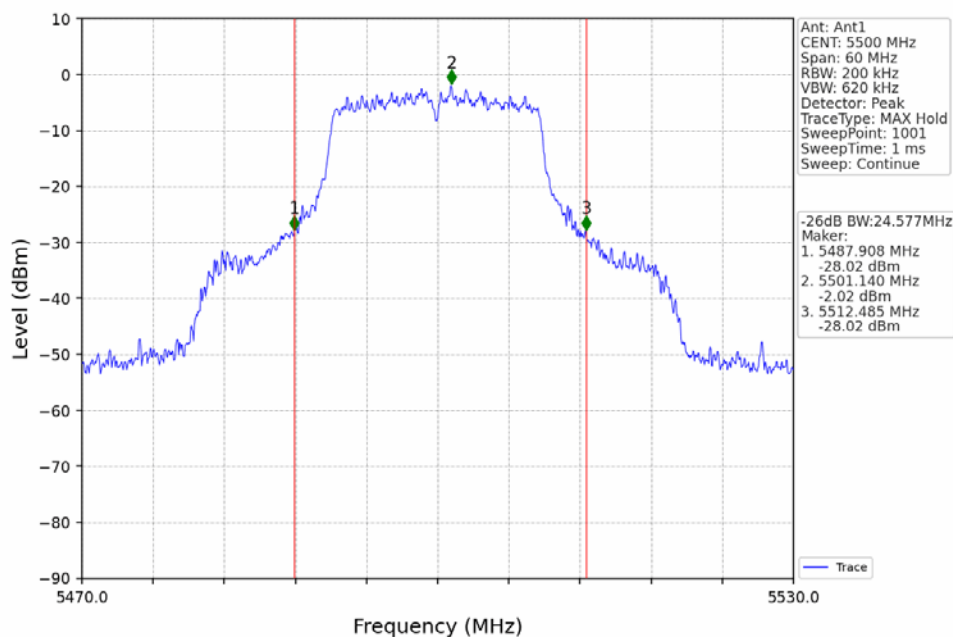
802.11n(HT40) MCH 5550MHz Ant1 NTN



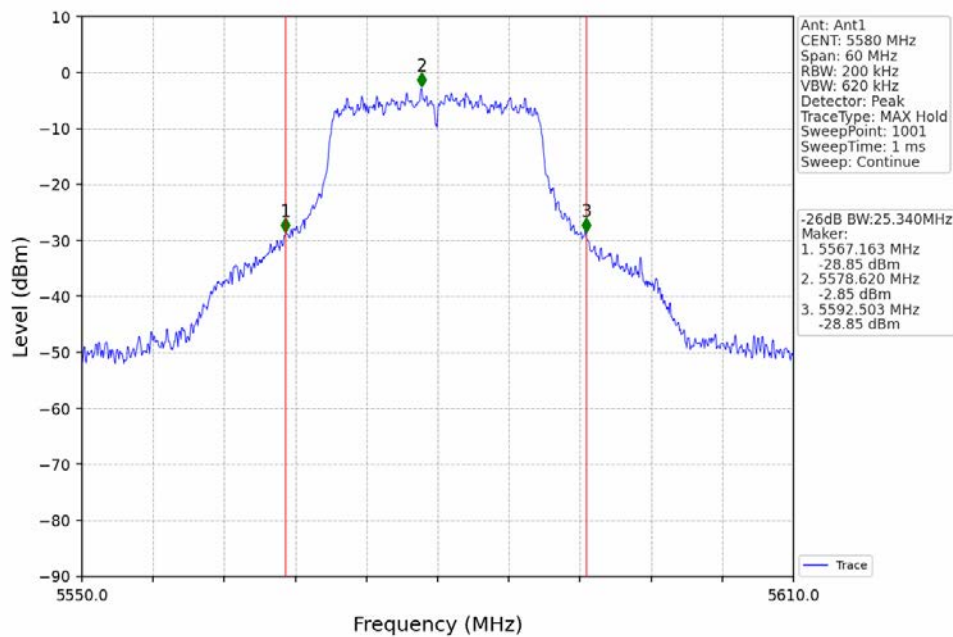
802.11n(HT40) HCH 5670MHz_Ant1_NTNV



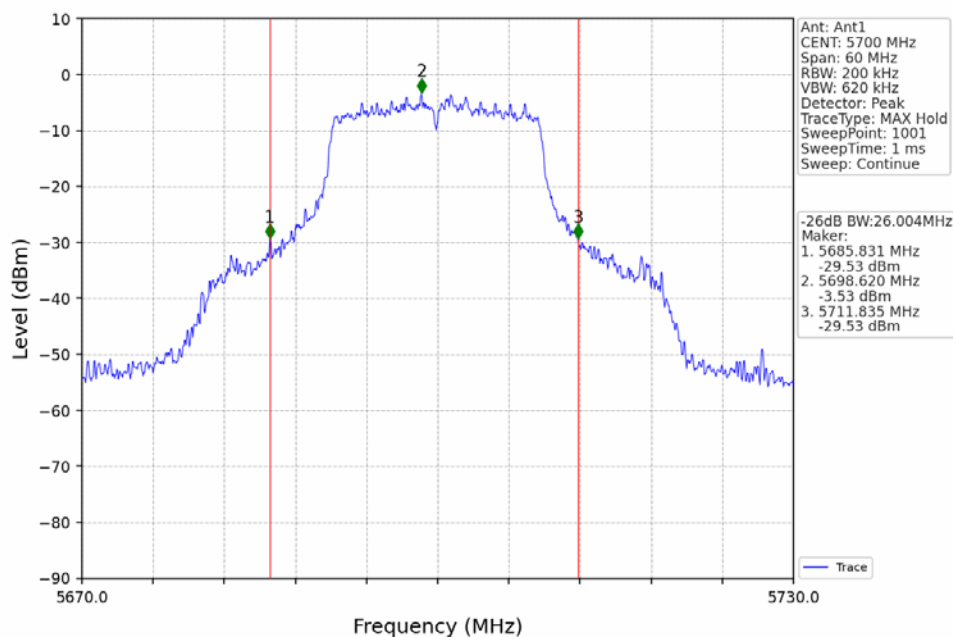
802.11ac(VHT20) LCH 5500MHz_Ant1_NTNV



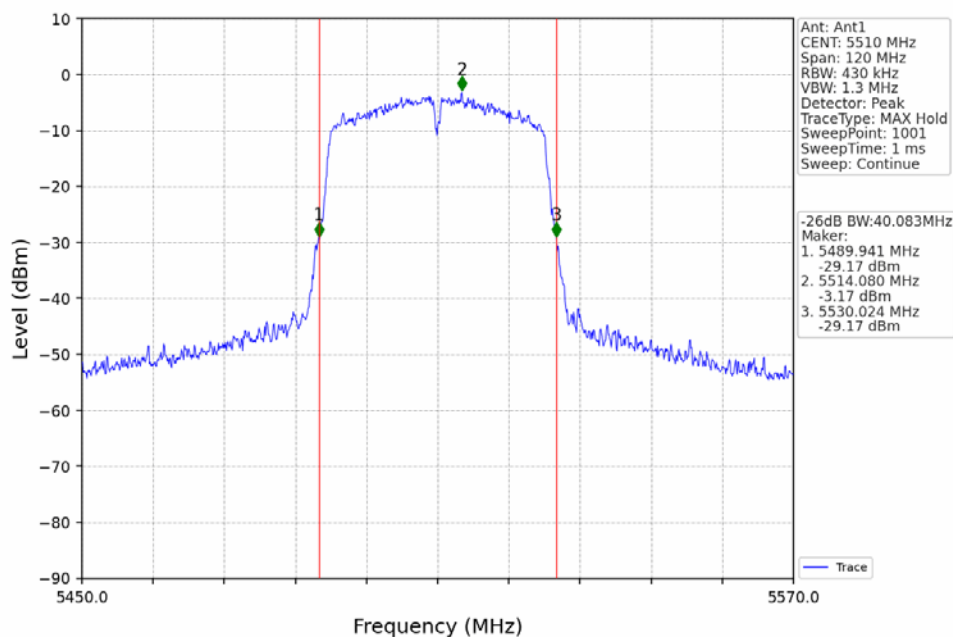
802.11ac(VHT20) MCH 5580MHz Ant1_NTNV



802.11ac(VHT20) HCH 5700MHz Ant1_NTNV



802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40) MCH_5550MHz_Ant1_NTNV

