

1. Duty Cycle

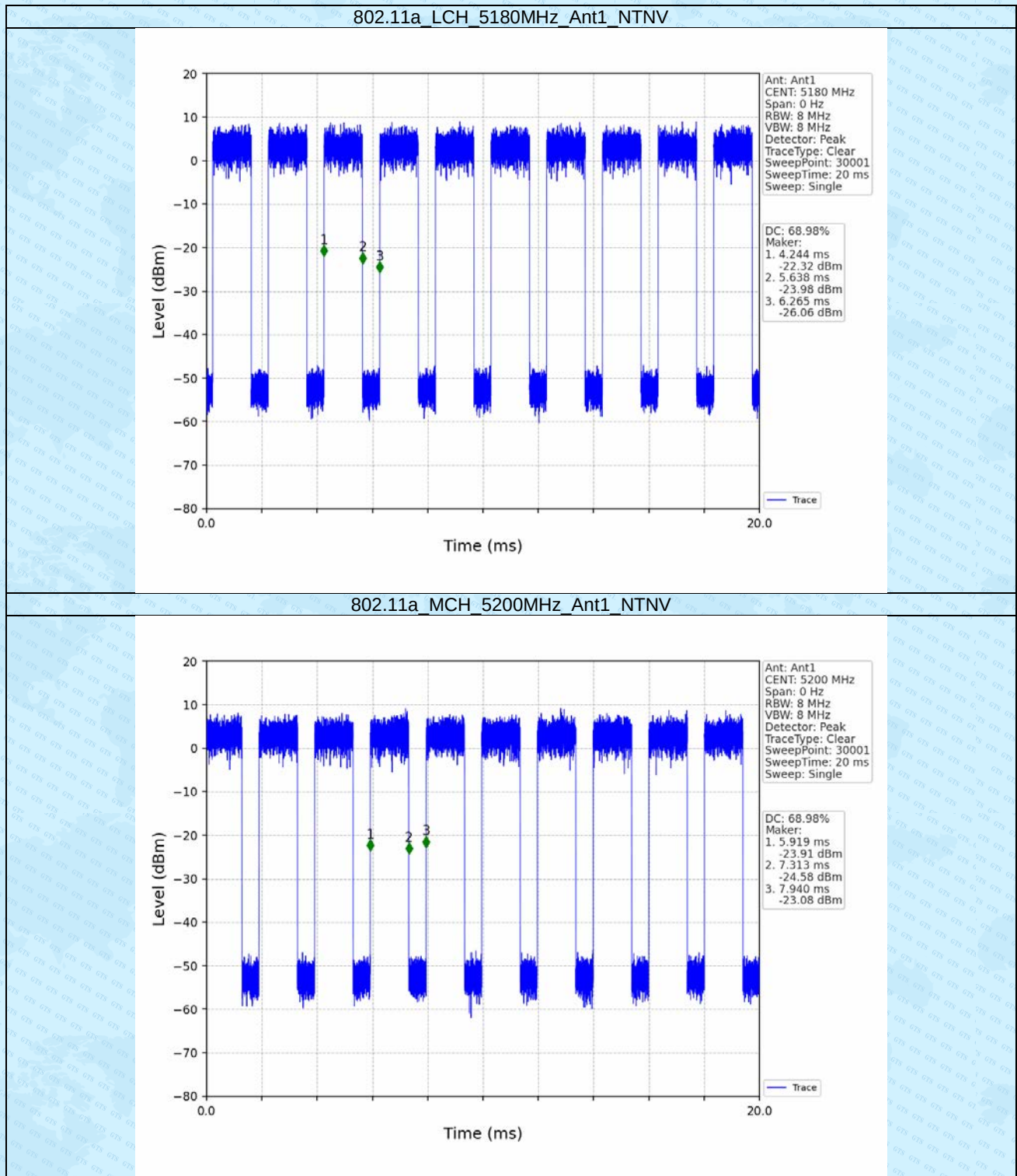
1.1 Ant1

1.1.1 Test Result

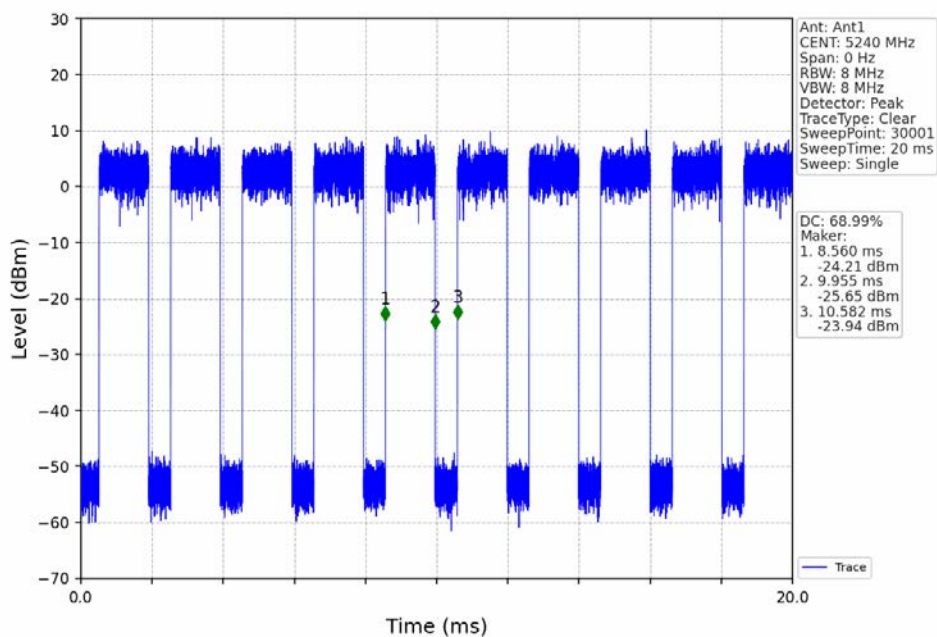
Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.394	2.021	68.98	1.61	0.33
		5200	/	/	1.394	2.021	68.98	1.61	0.32
		5240	/	/	1.395	2.022	68.99	1.61	0.33
802.11n (HT20)	MIMO	5180	/	/	1.290	1.926	66.98	1.74	0.34
		5200	/	/	1.291	1.936	66.68	1.76	0.62
		5240	/	/	1.291	1.945	66.38	1.78	0.95
802.11n (HT40)	MIMO	5190	/	/	0.638	1.283	49.73	3.03	1.10
		5230	/	/	0.638	1.283	49.73	3.03	1.10
802.11ac (VHT20)	MIMO	5180	/	/	1.314	1.959	67.08	1.73	0.33
		5200	/	/	1.314	1.959	67.08	1.73	0.33
		5240	/	/	1.314	1.960	67.04	1.74	0.36
802.11ac (VHT40)	MIMO	5190	/	/	0.654	1.290	50.70	2.95	0.38
		5230	/	/	0.654	1.290	50.70	2.95	0.39
802.11ac (VHT80)	MIMO	5210	/	/	0.326	0.962	33.89	4.70	17.21
802.11ax (HEW20)	MIMO	5180	RU242	Left	0.155	0.188	82.45	0.84	0.14
		5200	RU242	Left	0.154	0.189	81.48	0.89	0.38
		5240	RU242	Left	0.156	0.189	82.54	0.83	0.28
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.053	0.072	73.61	1.33	0.23
		5230	RU484	Left	0.054	0.072	75.00	1.25	0.32
802.11ax (HEW80)	MIMO	5210	RU996	Left	0.040	0.059	67.80	1.69	0.13

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

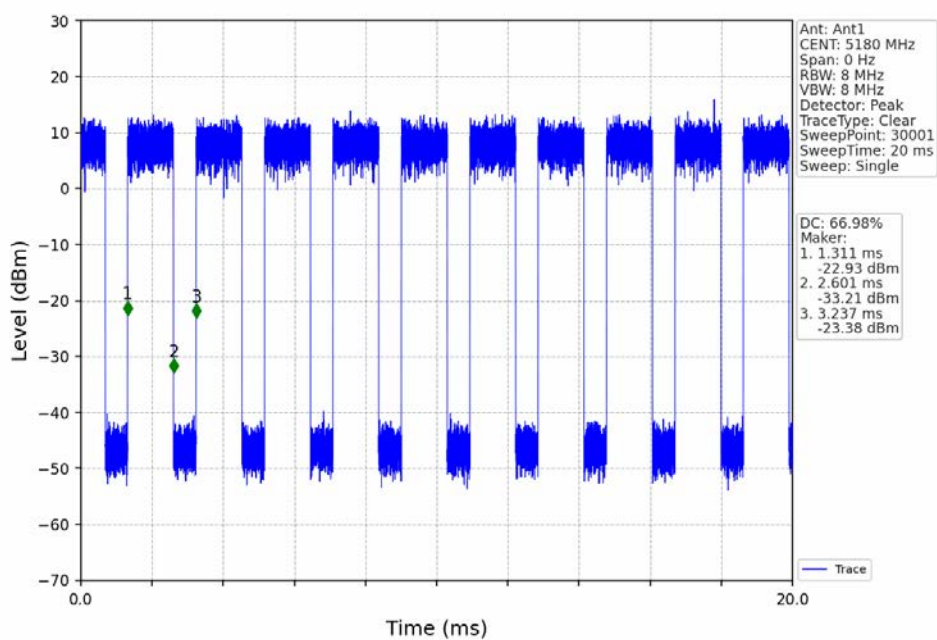
1.1.2 Test Graph



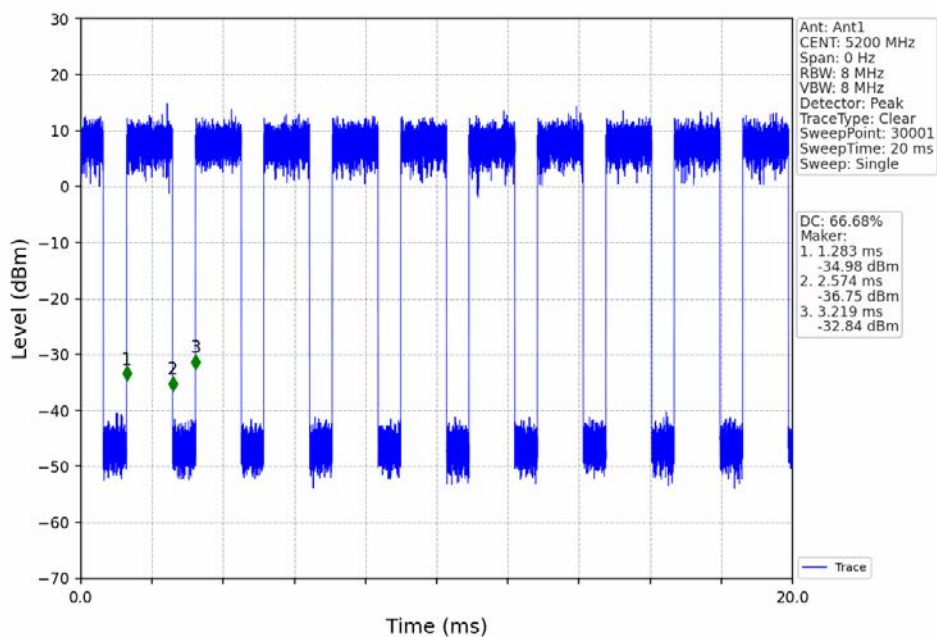
802.11a_HCH_5240MHz_Ant1_NTNV



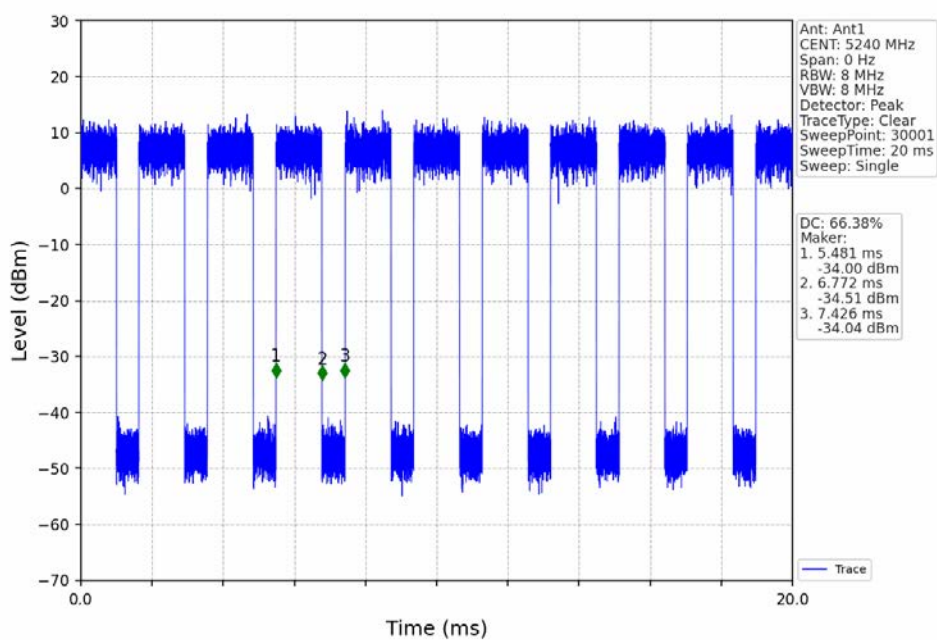
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



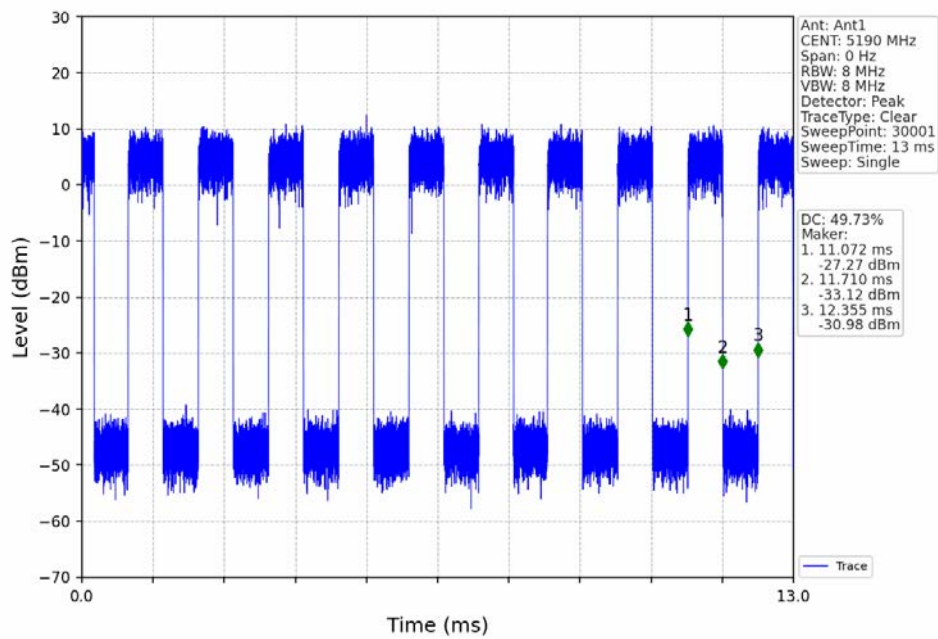
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



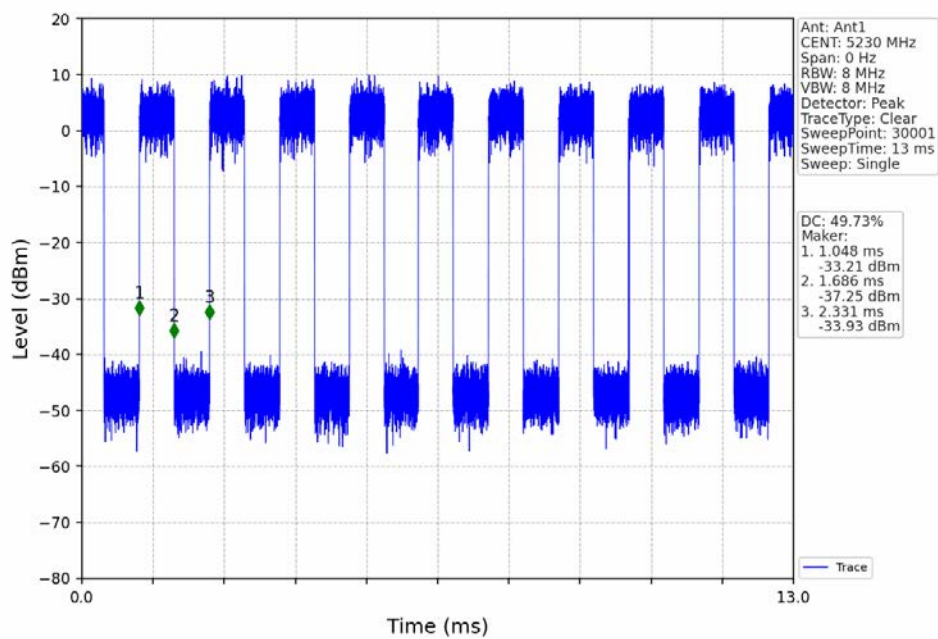
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



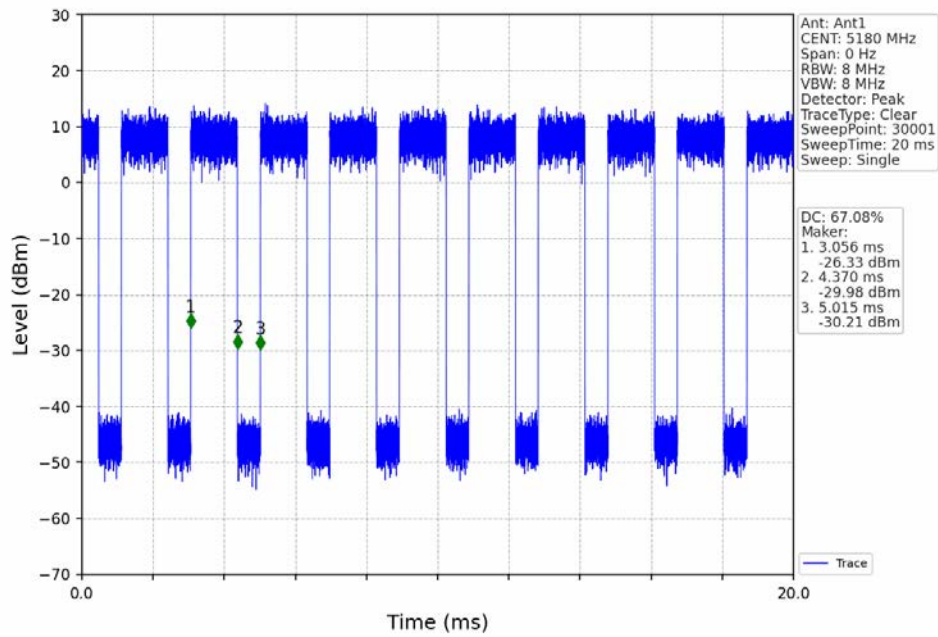
802.11n(HT40) LCH 5190MHz Ant1 NTVN



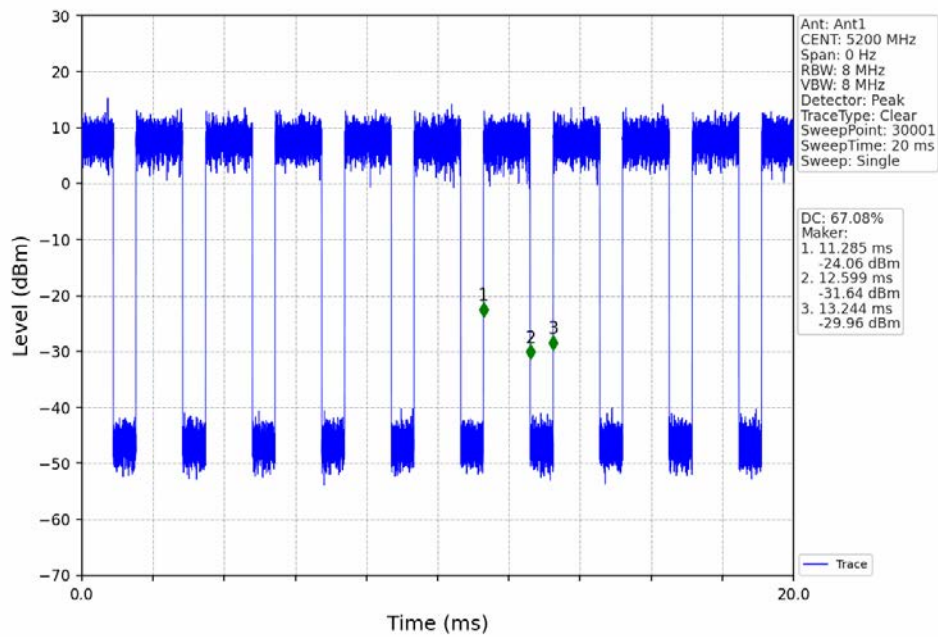
802.11n(HT40) HCH 5230MHz Ant1 NTVN



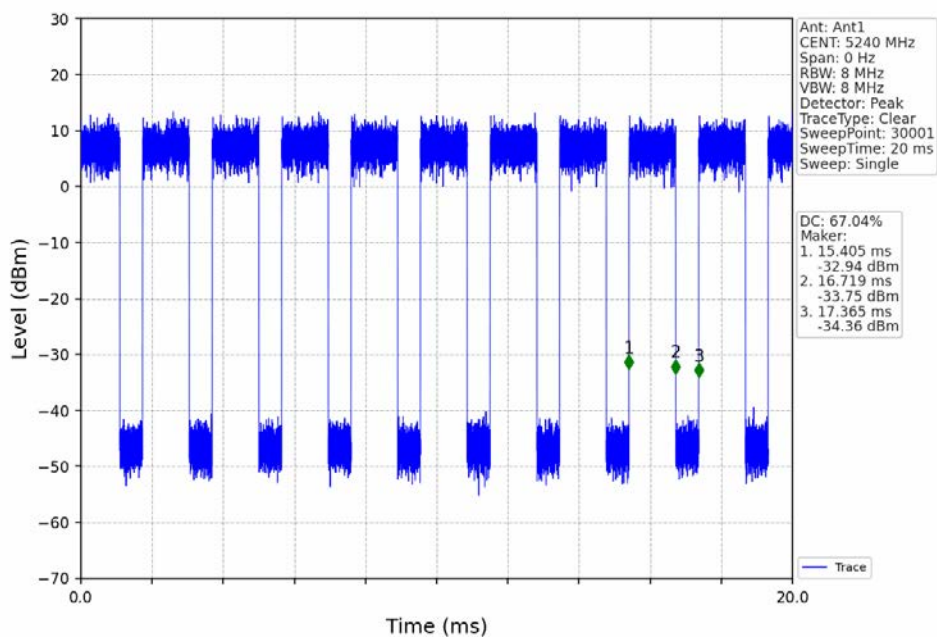
802.11ac(VHT20) LCH_5180MHz_Ant1_NTNV



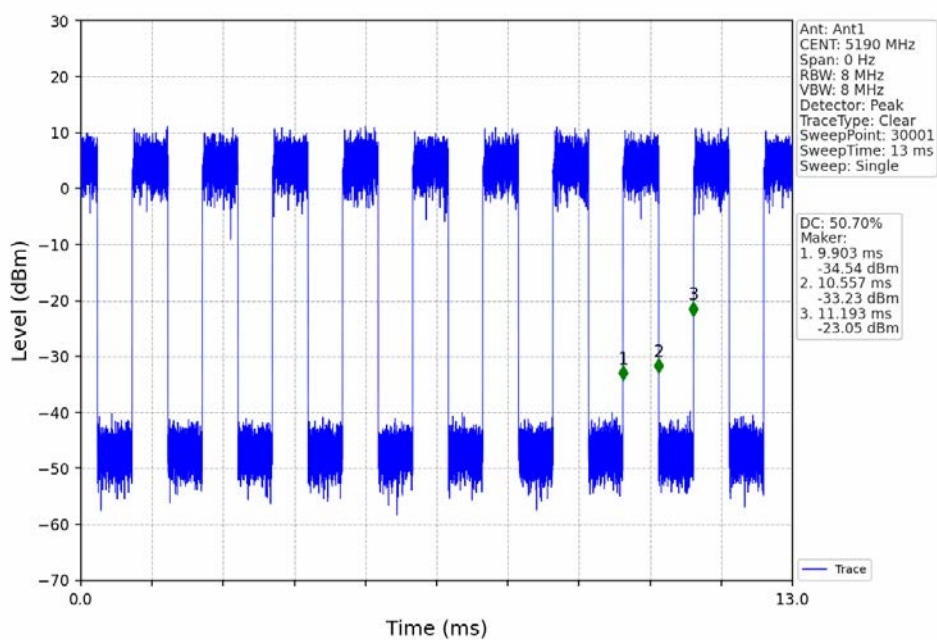
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



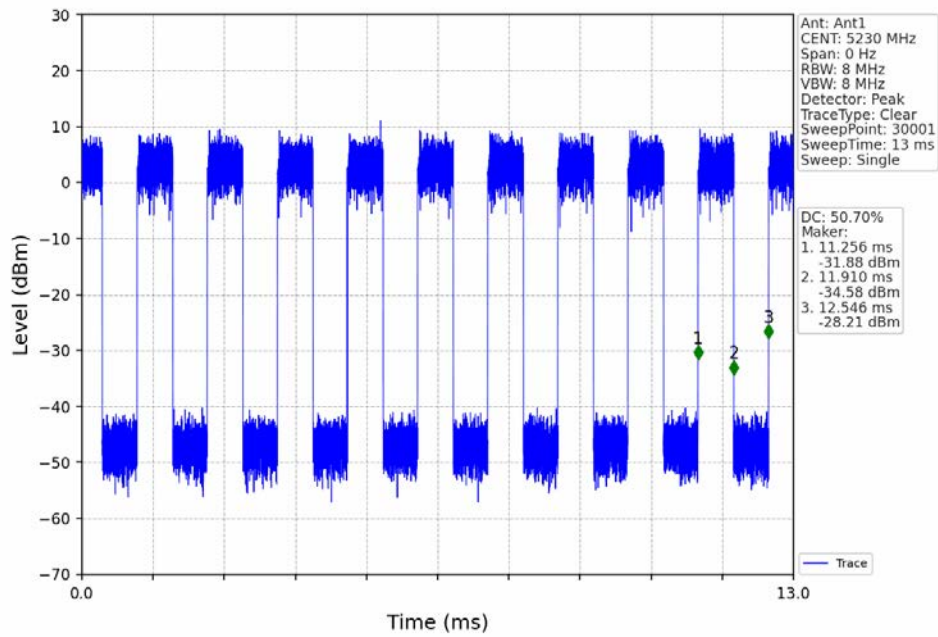
802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



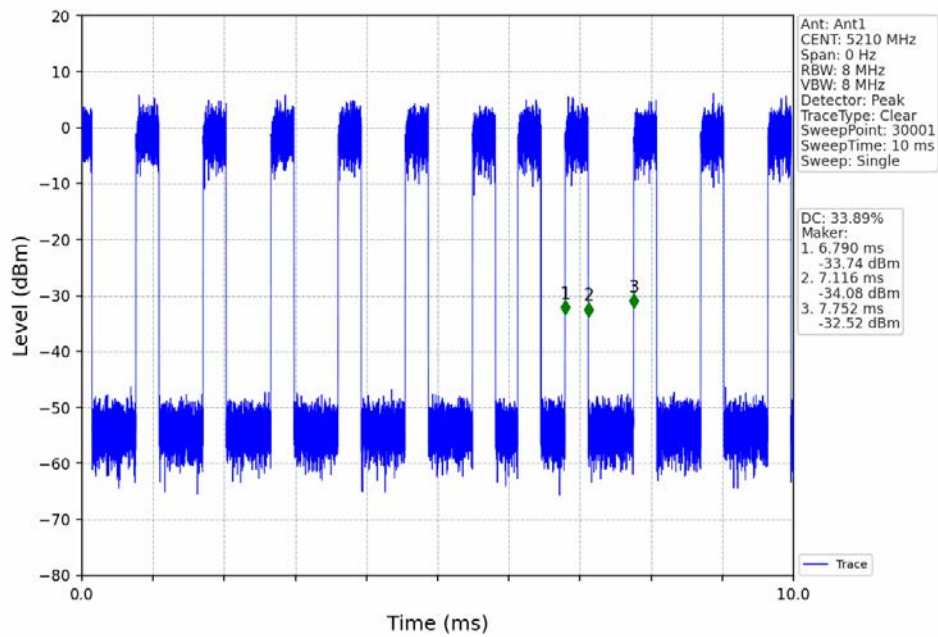
802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



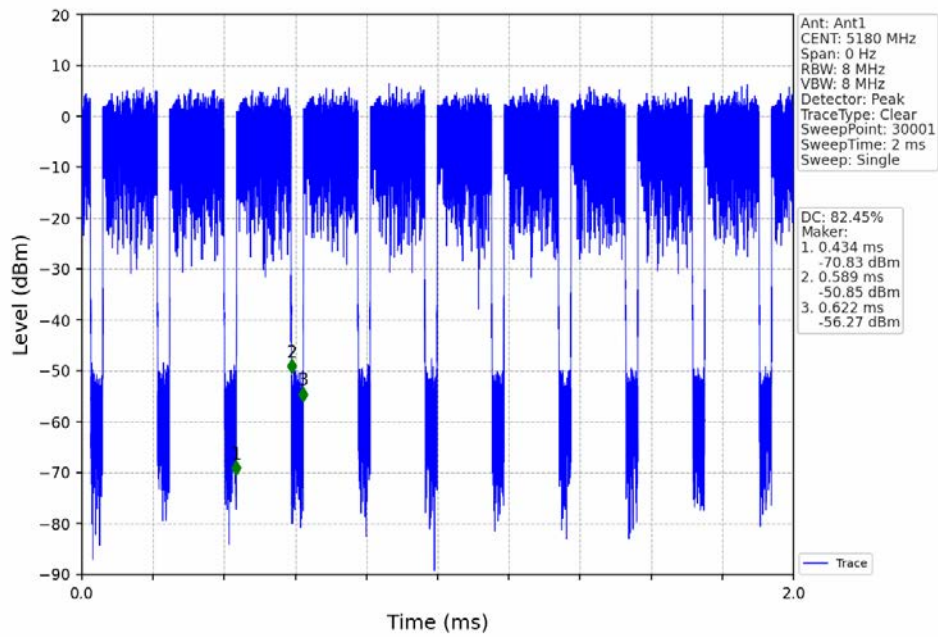
802.11ac(VHT40) HCH 5230MHz_Ant1_NTNV



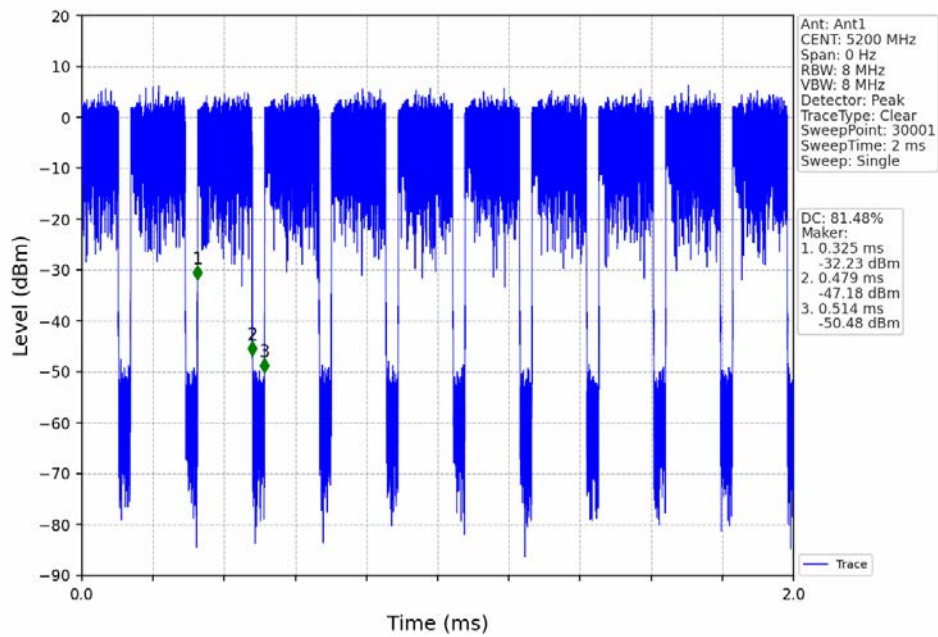
802.11ac(VHT80) MCH 5210MHz_Ant1_NTNV



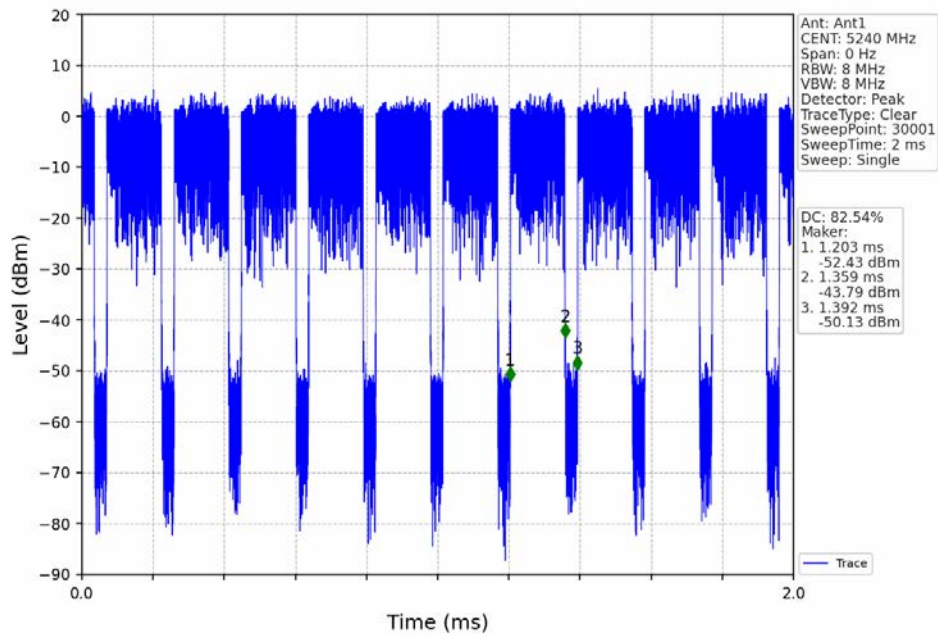
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



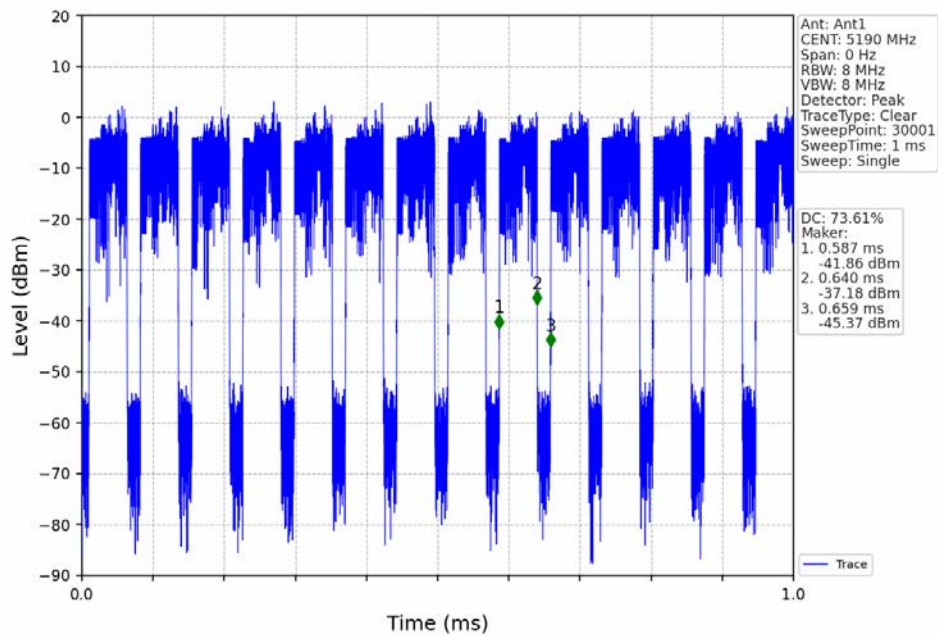
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



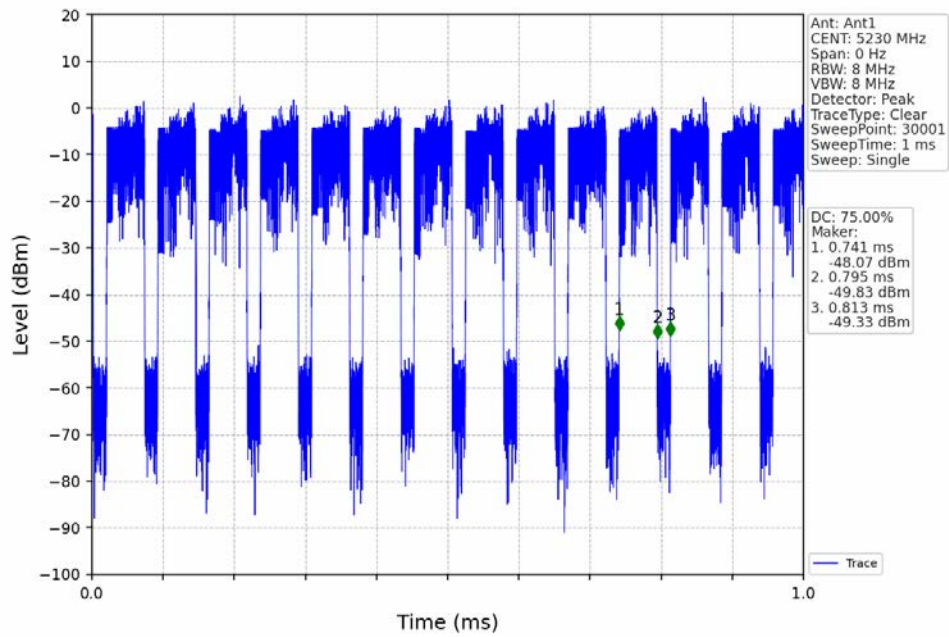
802.11ax(HEW20) HCH 5240MHz RU242 Left Ant1 NTN



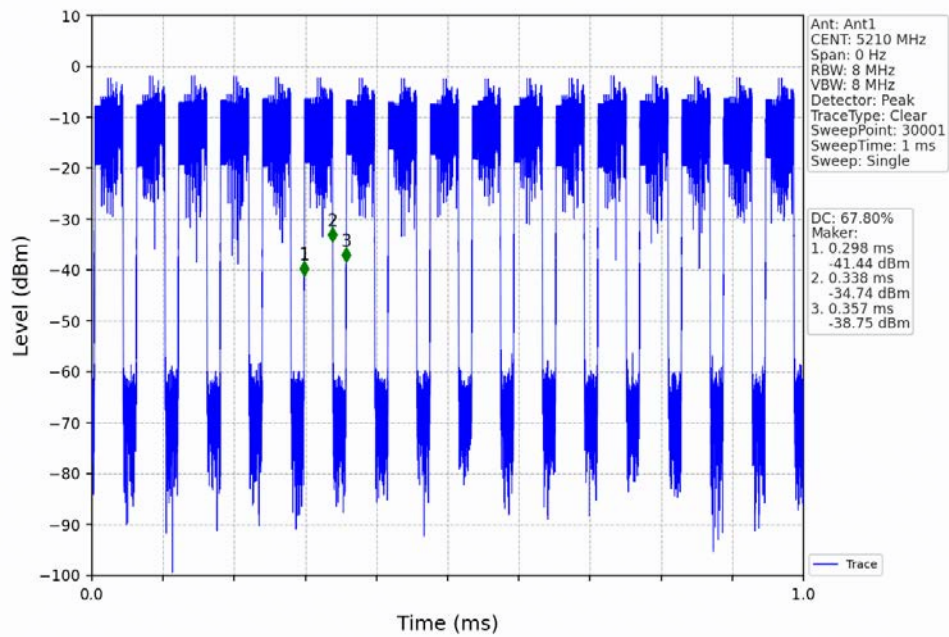
802.11ax(HEW40) LCH 5190MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5230MHz RU484 Left Ant1 NTN



802.11ax(HEW80) MCH 5210MHz RU996 Left Ant1 NTN



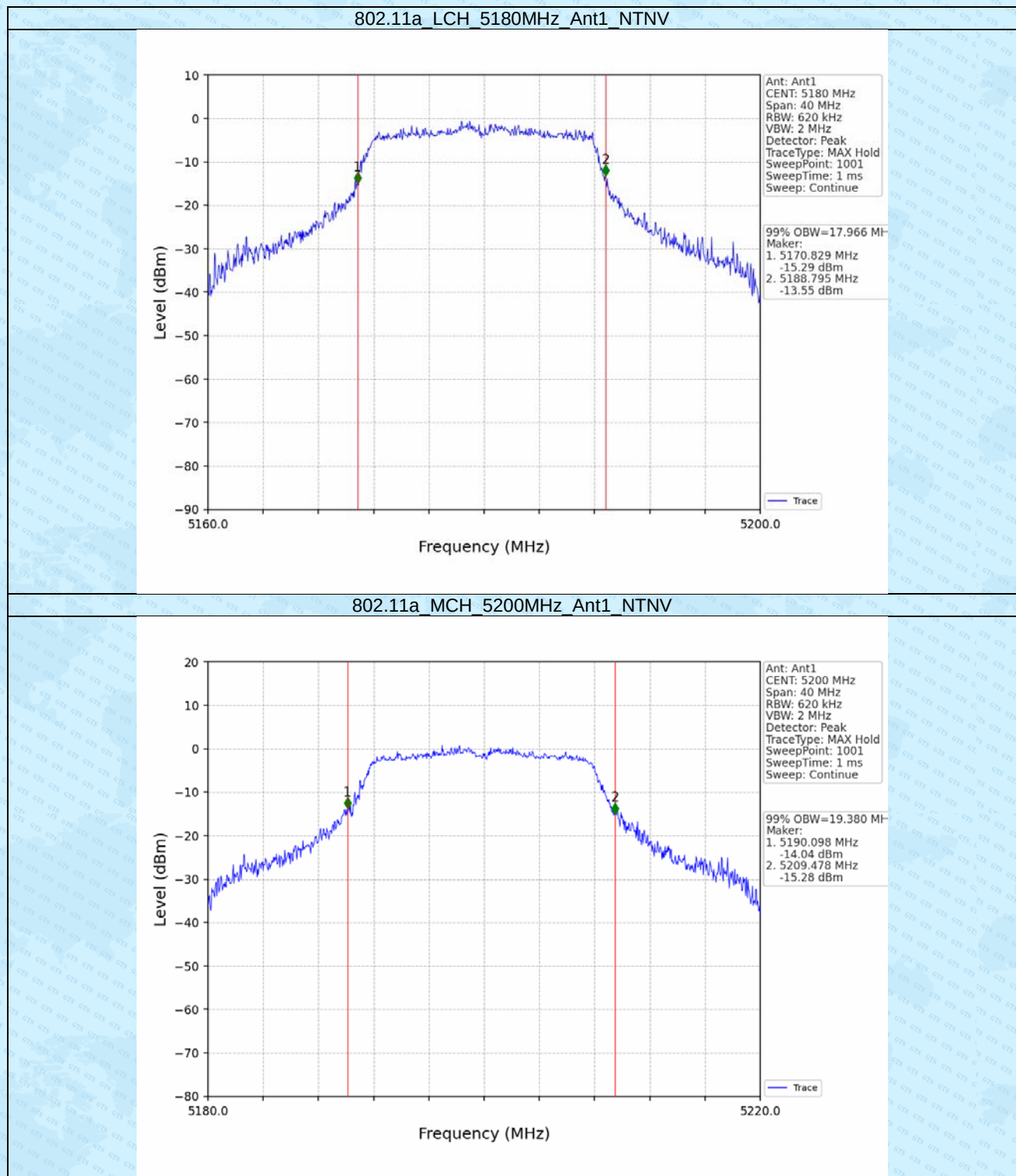
2. Bandwidth

2.1 OBW

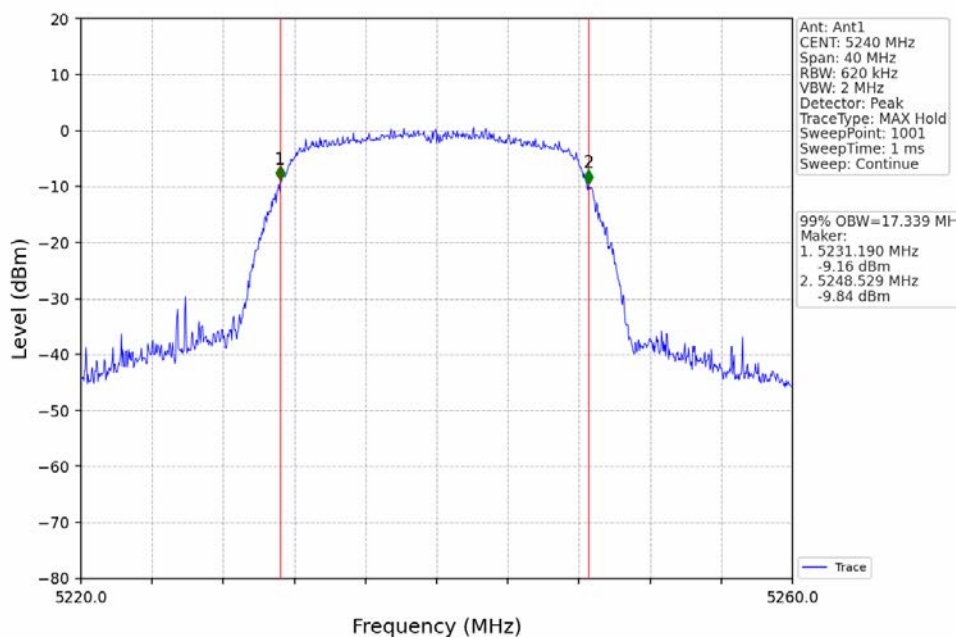
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5180	/	/	1	17.966	Pass
		5200	/	/	1	19.380	Pass
		5240	/	/	1	17.339	Pass
802.11n (HT20)	MIMO	5180	/	/	1	20.291	Pass
		5200	/	/	1	20.100	Pass
		5240	/	/	1	18.203	Pass
802.11n (HT40)	MIMO	5190	/	/	1	36.017	Pass
		5230	/	/	1	36.132	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	20.187	Pass
		5200	/	/	1	20.348	Pass
		5240	/	/	1	18.246	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.056	Pass
		5230	/	/	1	36.004	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	75.389	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	19.808	Pass
		5200	RU242	Left	1	19.785	Pass
		5240	RU242	Left	1	19.004	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	38.059	Pass
		5230	RU484	Left	1	37.971	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	77.263	Pass

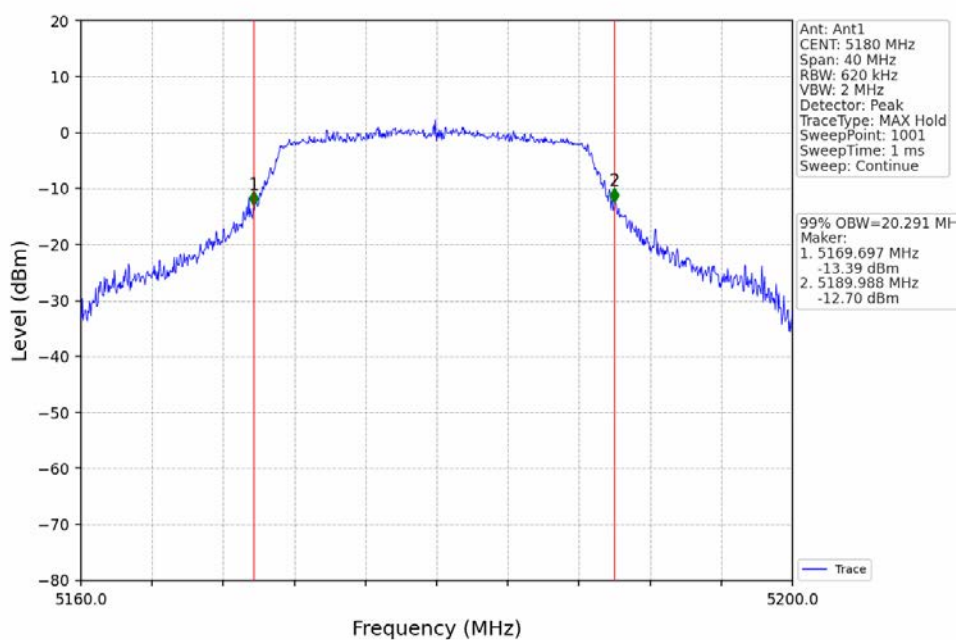
2.1.2 Test Graph



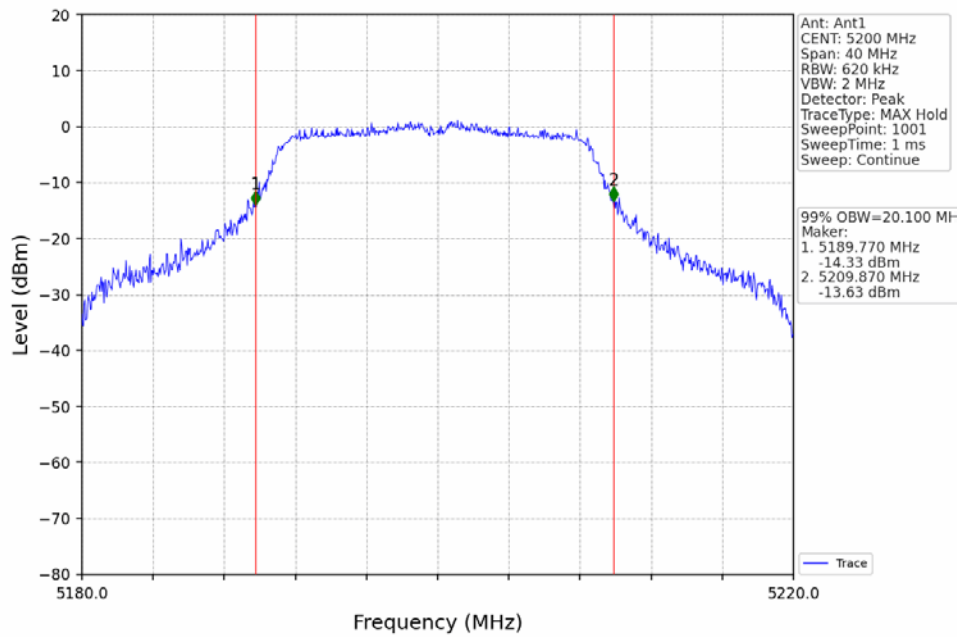
802.11a_HCH_5240MHz_Ant1_NTNV



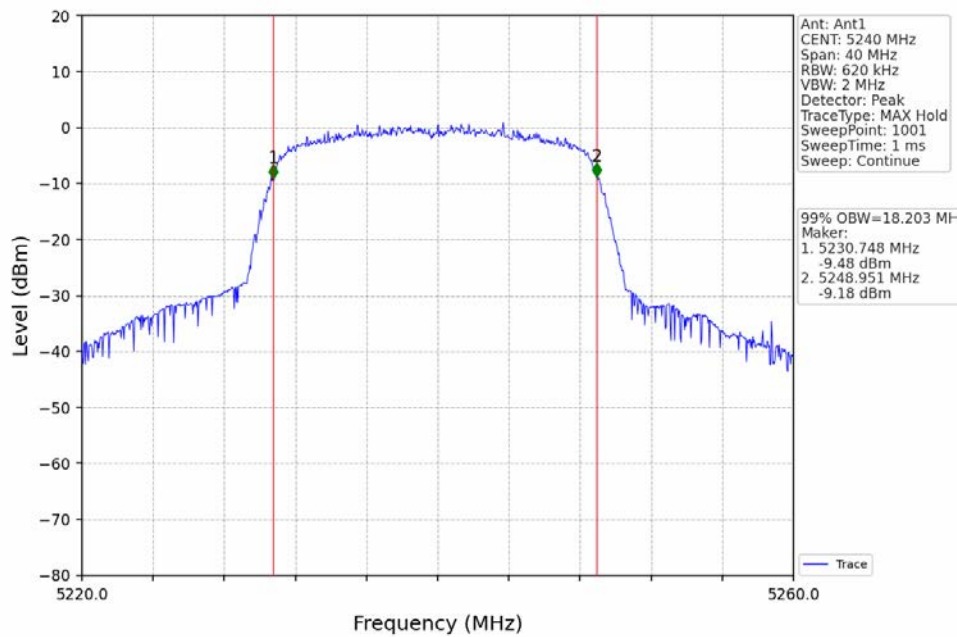
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



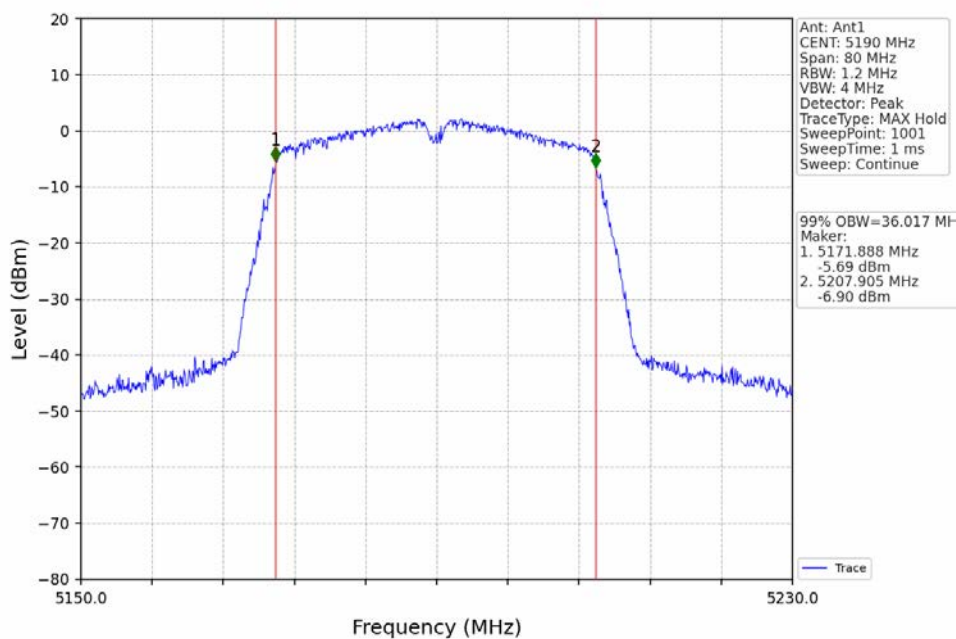
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



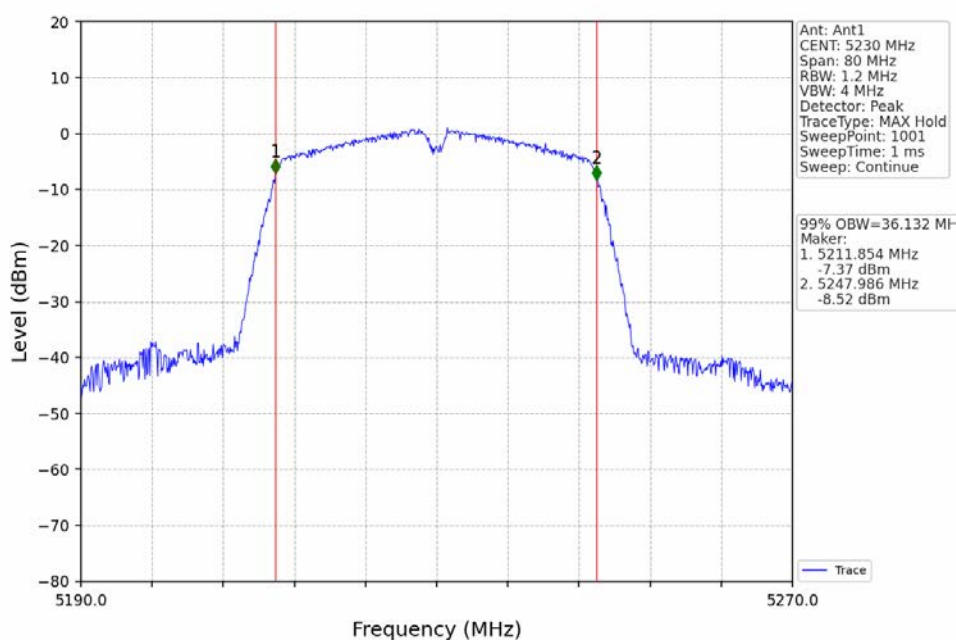
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



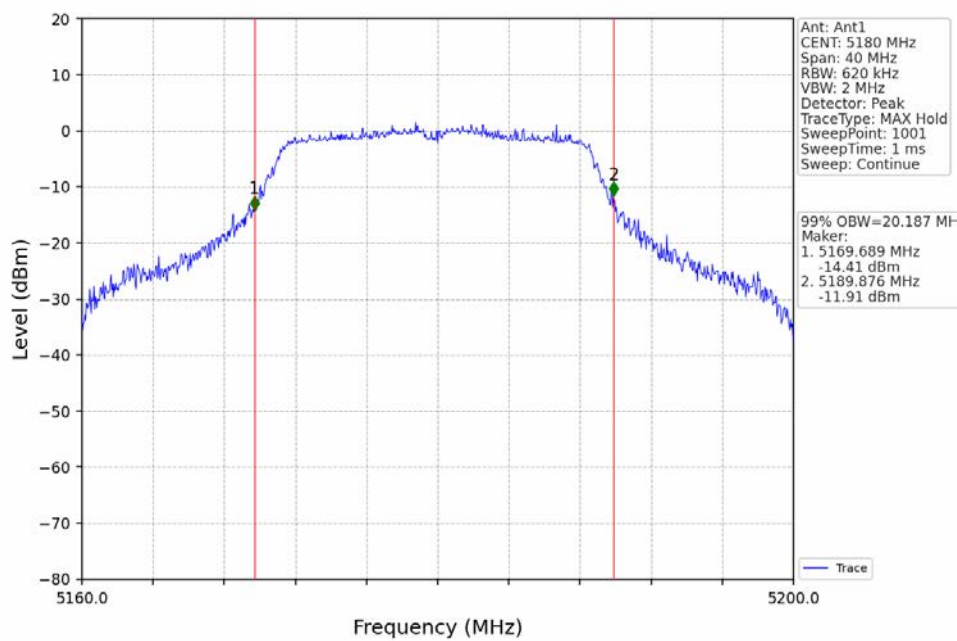
802.11n(HT40) LCH 5190MHz Ant1 NTNV



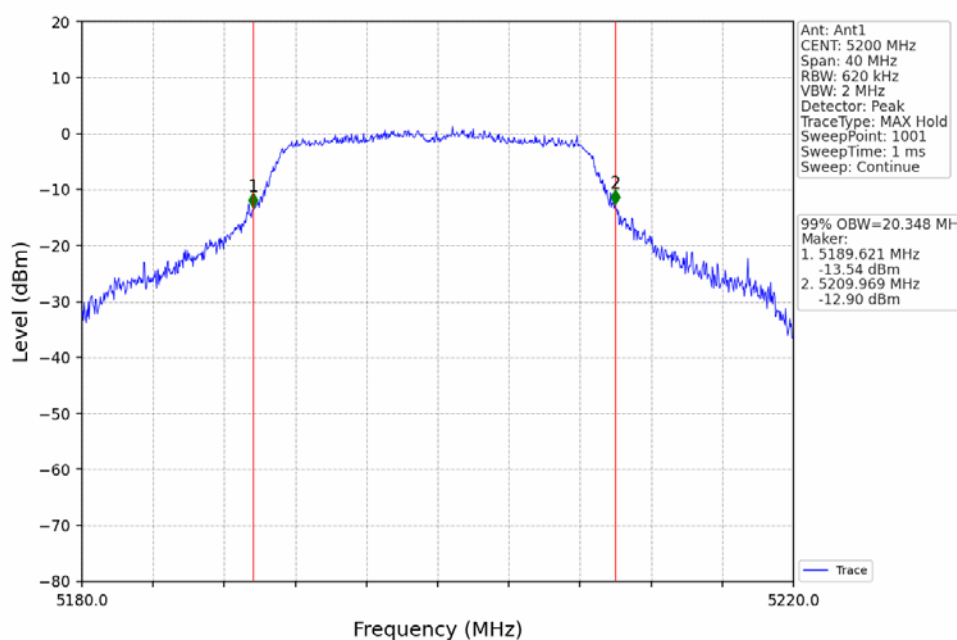
802.11n(HT40) HCH 5230MHz Ant1 NTNV



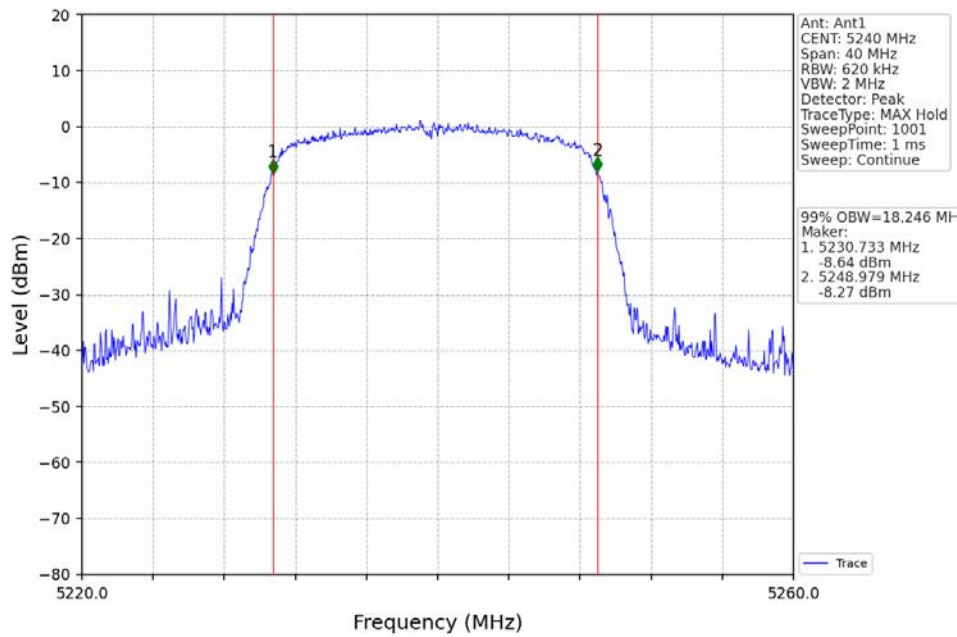
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



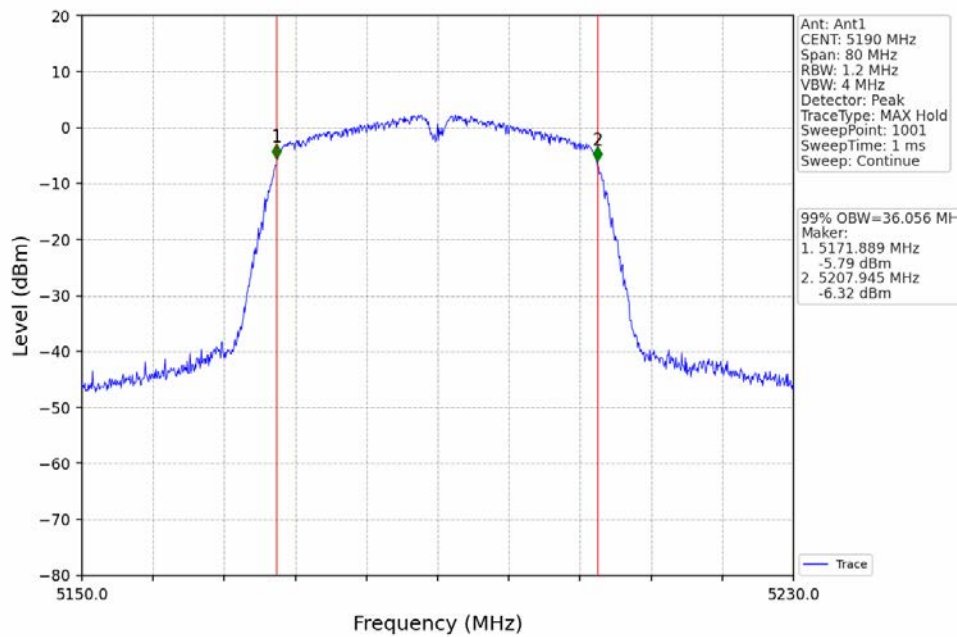
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



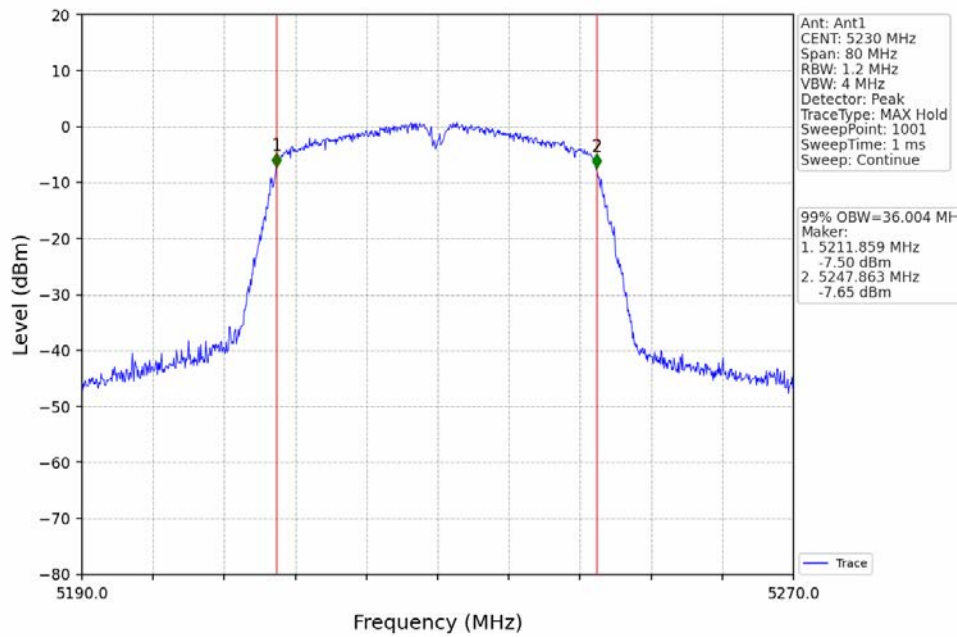
802.11ac(VHT20) HCH_5240MHz_Ant1_NTNV



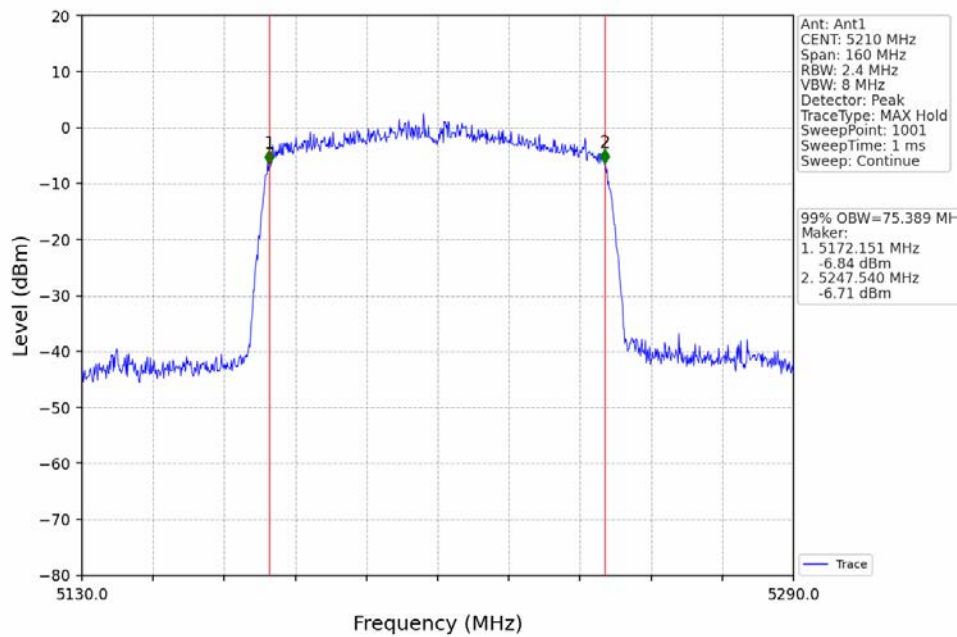
802.11ac(VHT40) LCH_5190MHz_Ant1_NTNV



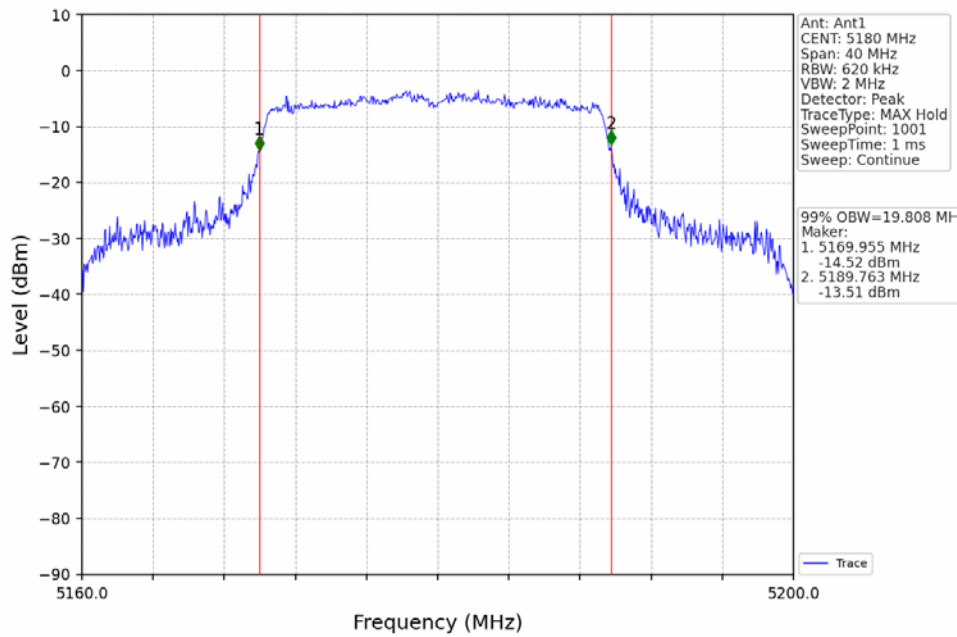
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



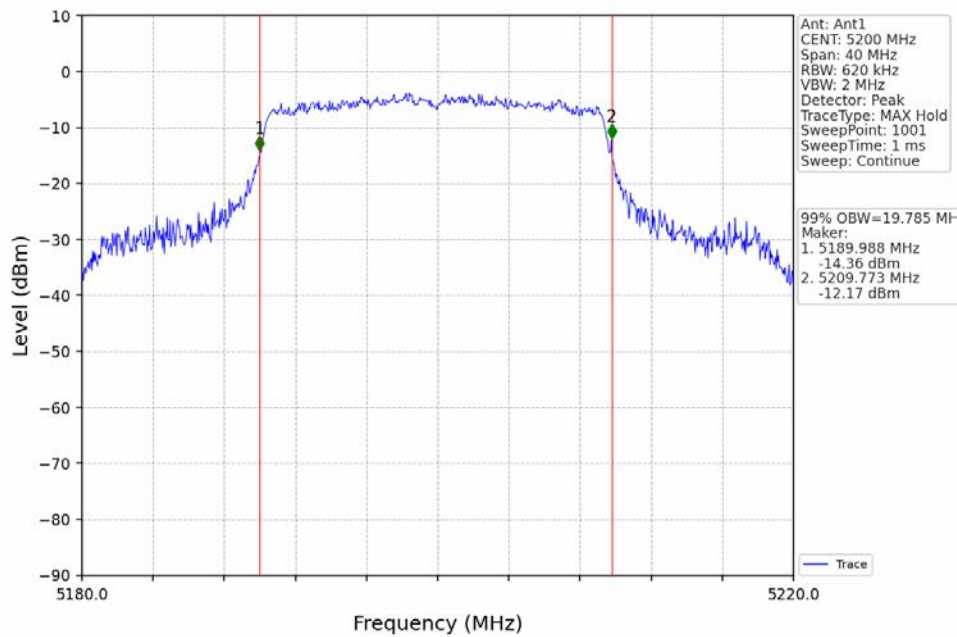
802.11ac(VHT80) MCH_5210MHz_Ant1_NTNV



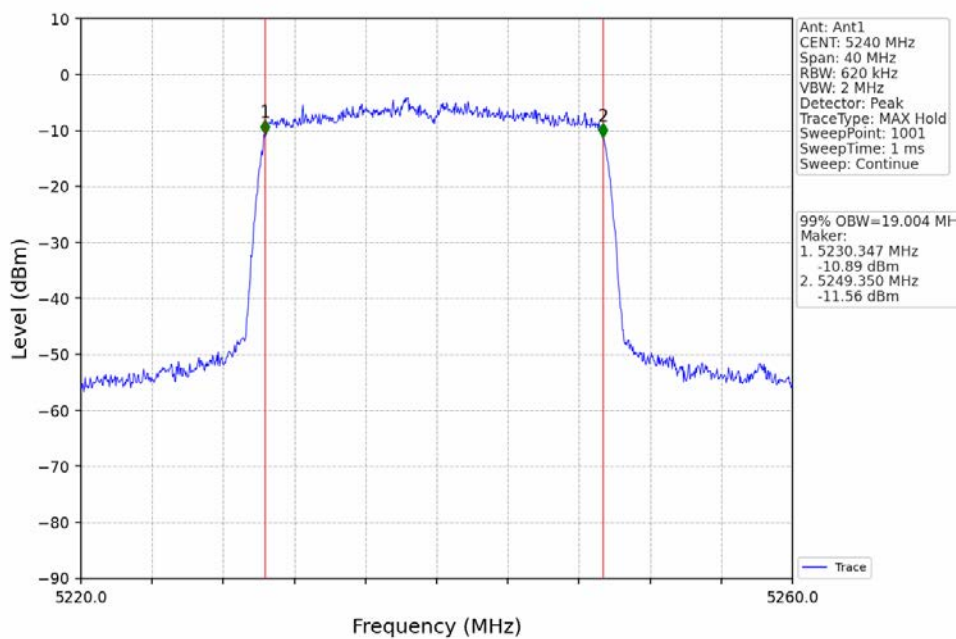
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



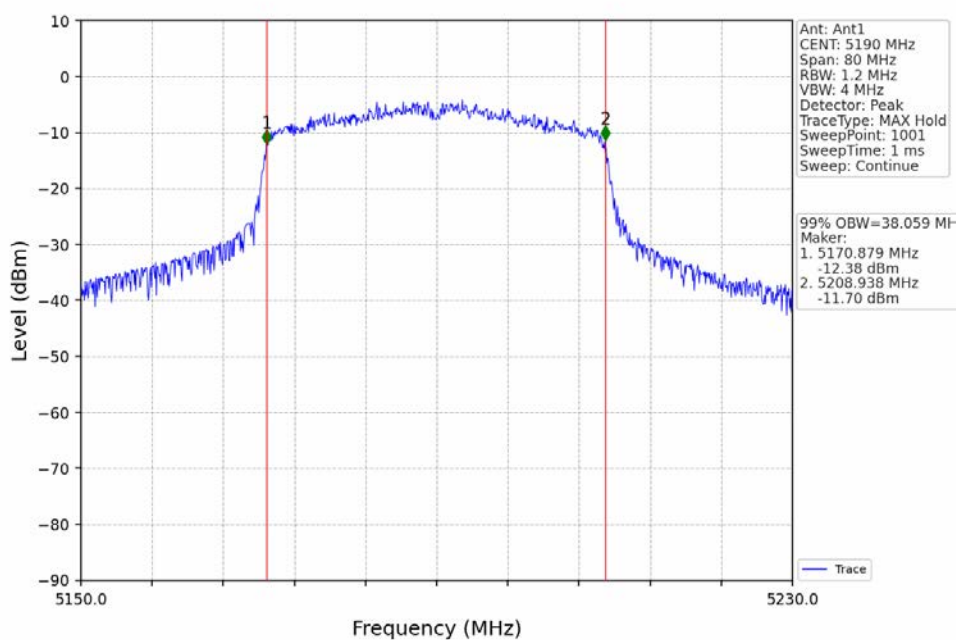
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



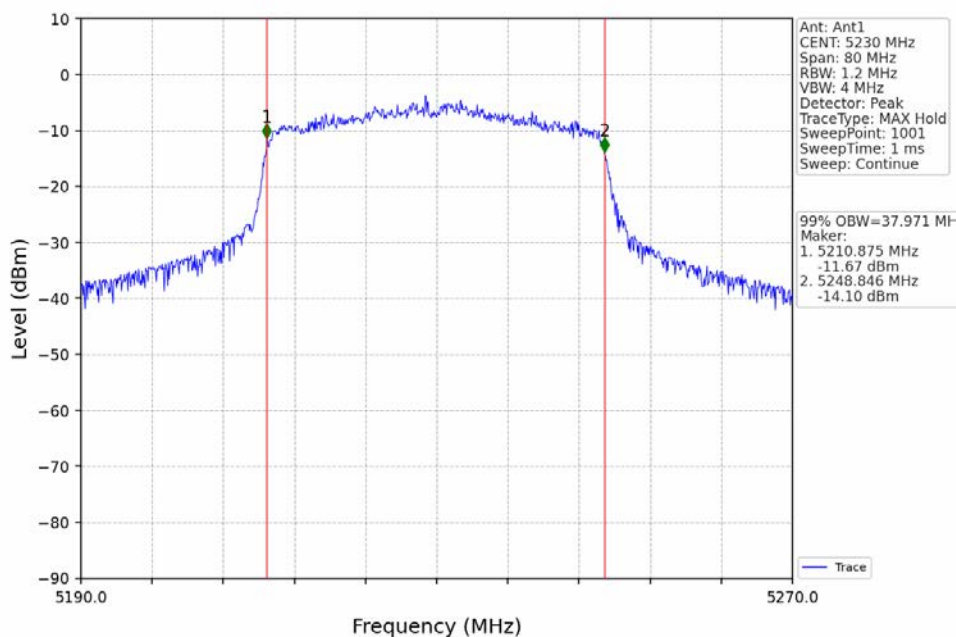
802.11ax(HEW20) HCH 5240MHz RU242 Left Ant1 NTN



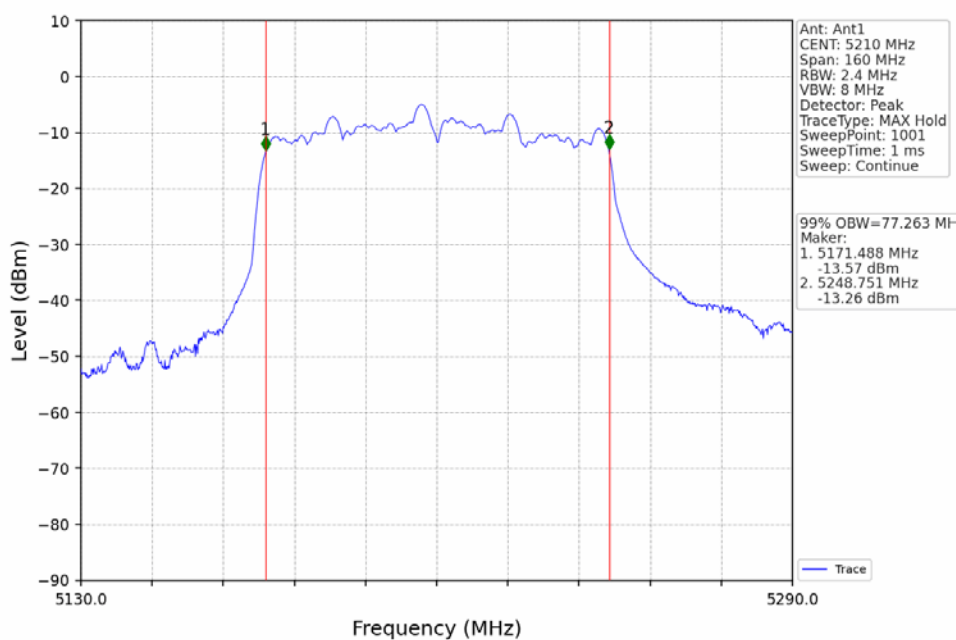
802.11ax(HEW40) LCH 5190MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5230MHz RU484 Left Ant1 NTN



802.11ax(HEW80) MCH 5210MHz RU996 Left Ant1 NTN

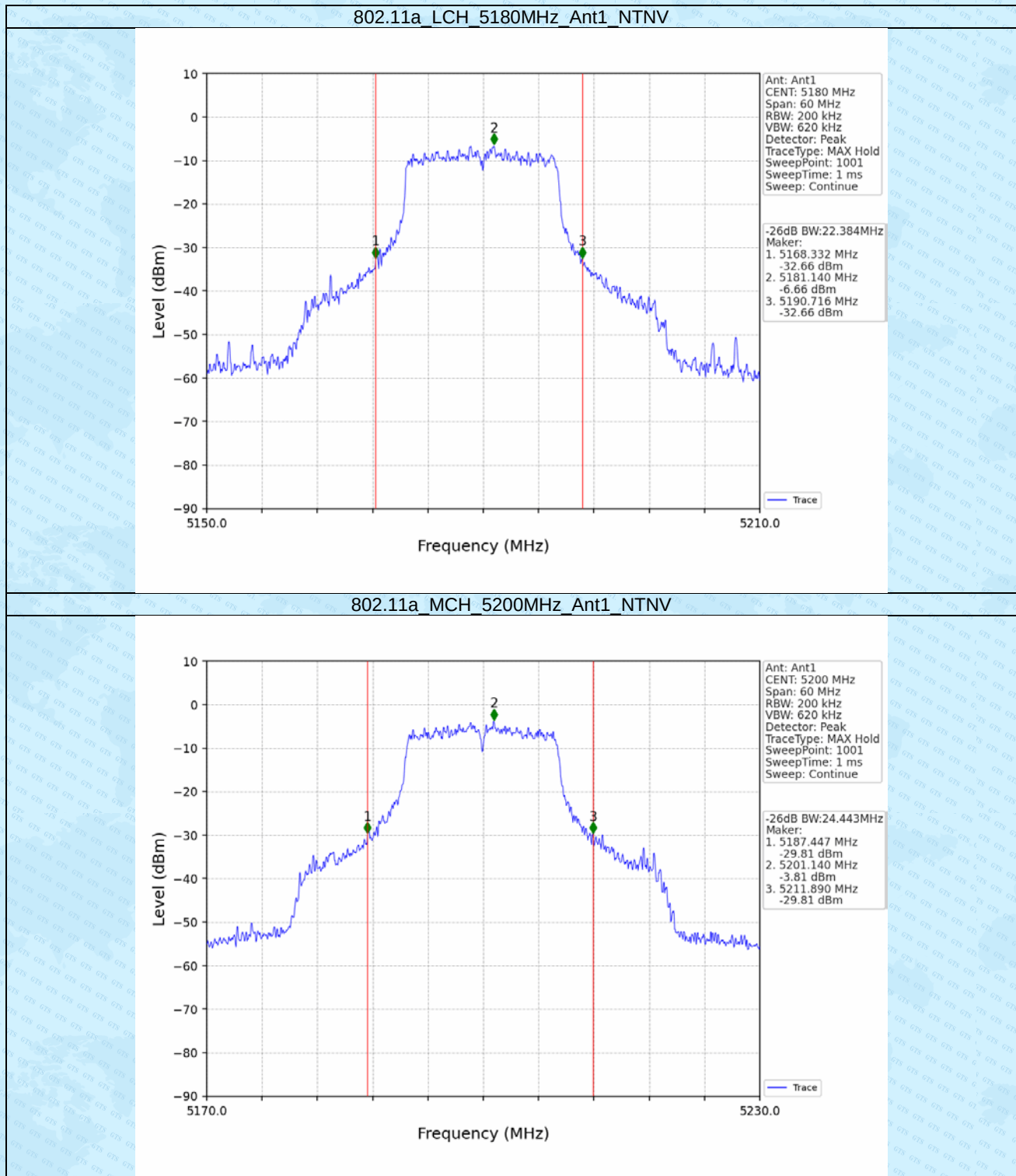


2.3 26dB BW

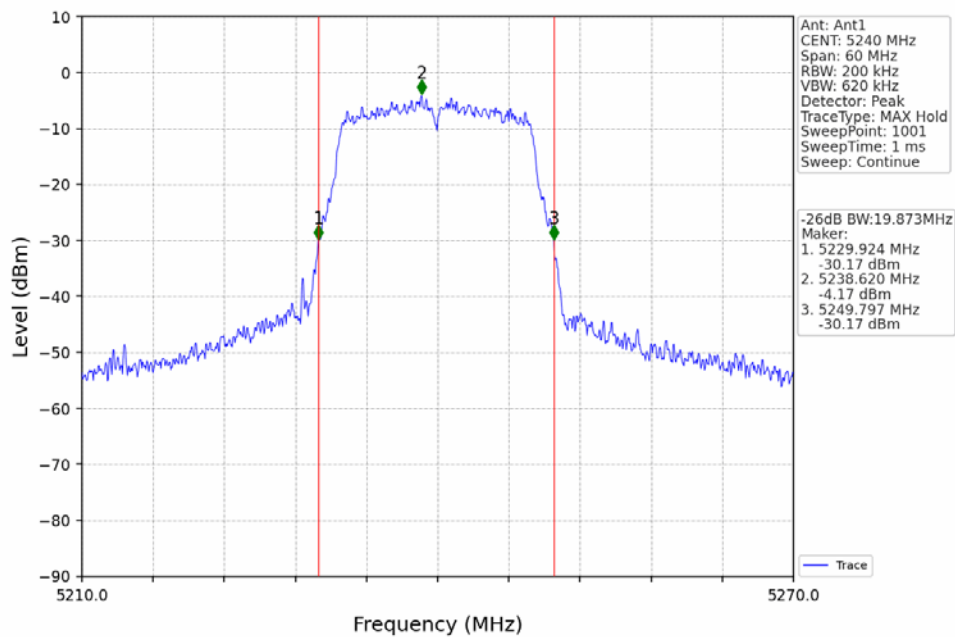
2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5180	/	/	1	22.384	Pass
		5200	/	/	1	24.443	Pass
		5240	/	/	1	19.873	Pass
802.11n (HT20)	MIMO	5180	/	/	1	25.248	Pass
		5200	/	/	1	25.598	Pass
		5240	/	/	1	19.980	Pass
802.11n (HT40)	MIMO	5190	/	/	1	40.363	Pass
		5230	/	/	1	39.993	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	25.597	Pass
		5200	/	/	1	25.023	Pass
		5240	/	/	1	20.081	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	39.799	Pass
		5230	/	/	1	40.425	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	79.695	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	25.888	Pass
		5200	RU242	Left	1	24.400	Pass
		5240	RU242	Left	1	19.857	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	41.762	Pass
		5230	RU484	Left	1	42.508	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	82.119	Pass

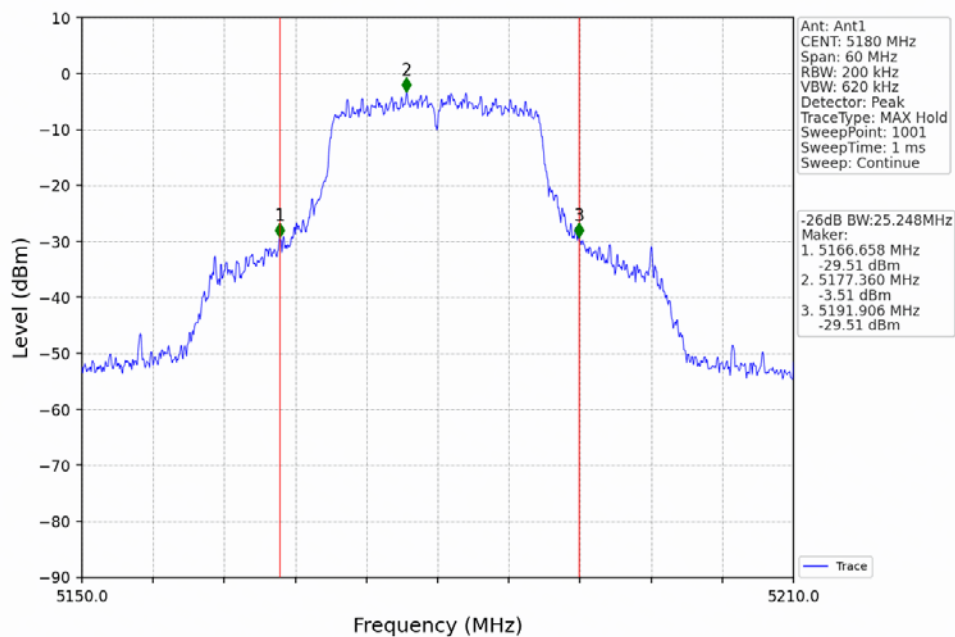
2.3.2 Test Graph



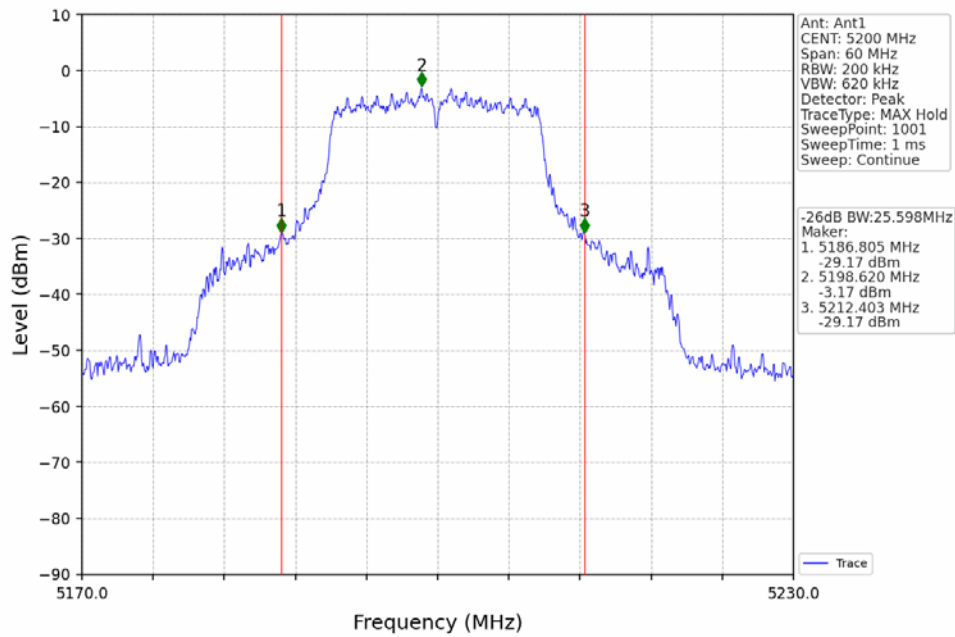
802.11a_HCH_5240MHz_Ant1_NTNV



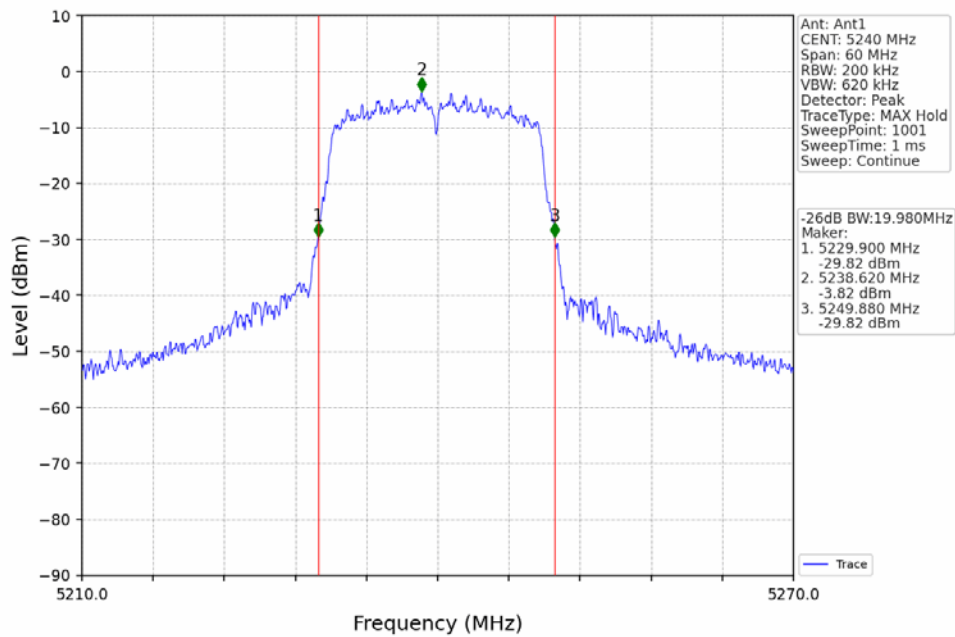
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



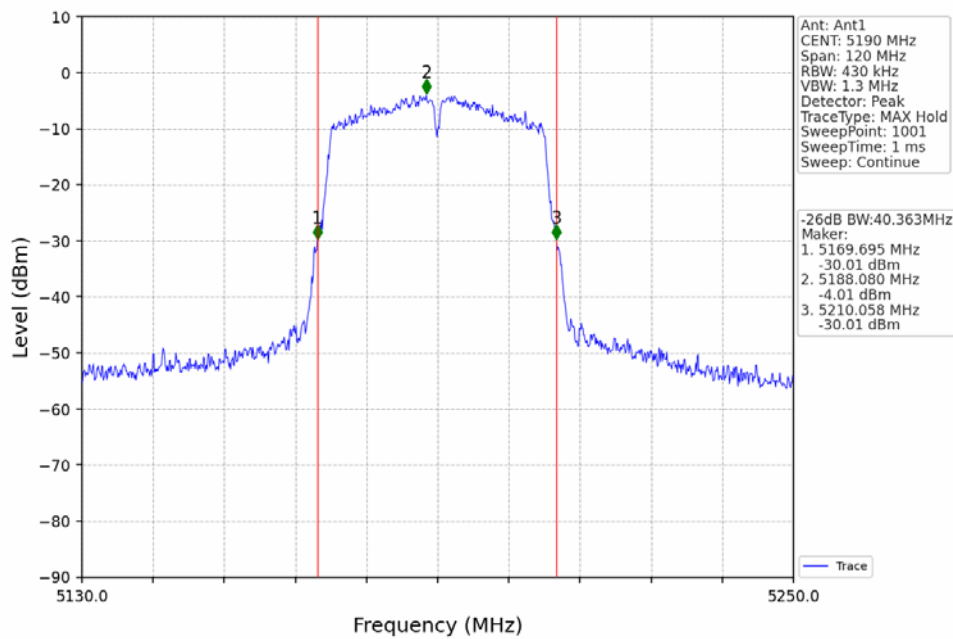
802.11n(HT20) MCH 5200MHz_Ant1_NTNV



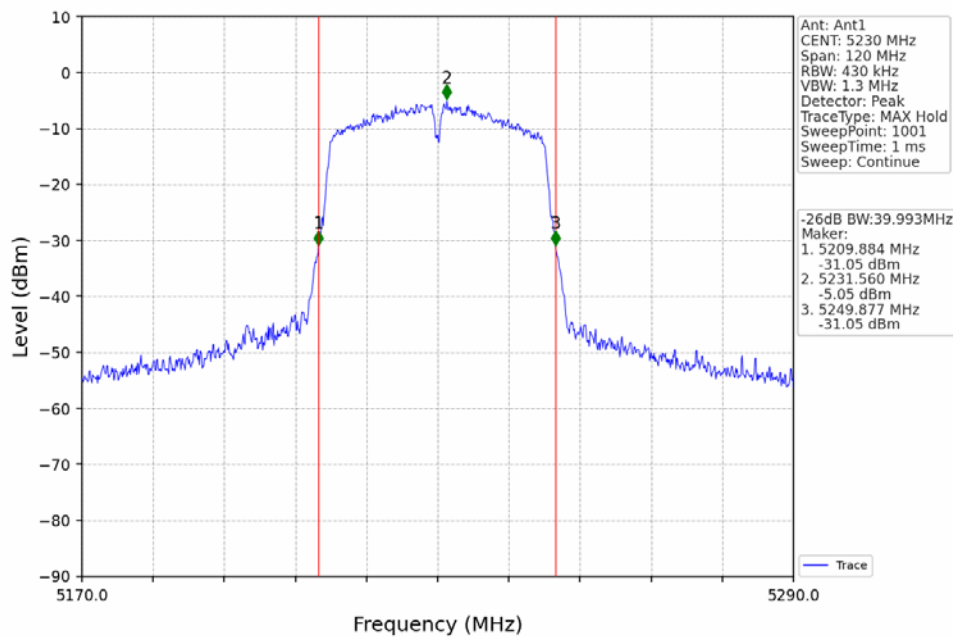
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



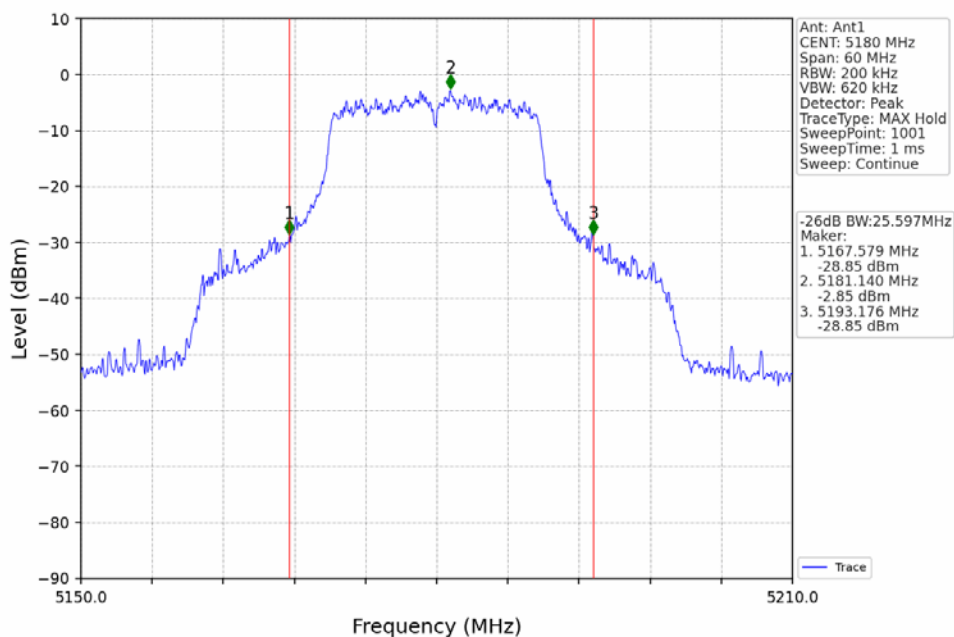
802.11n(HT40) LCH 5190MHz Ant1 NTVN



802.11n(HT40) HCH 5230MHz Ant1 NTVN



802.11ac(VHT20) LCH 5180MHz Ant1 NTN



802.11ac(VHT20) MCH 5200MHz Ant1 NTN

