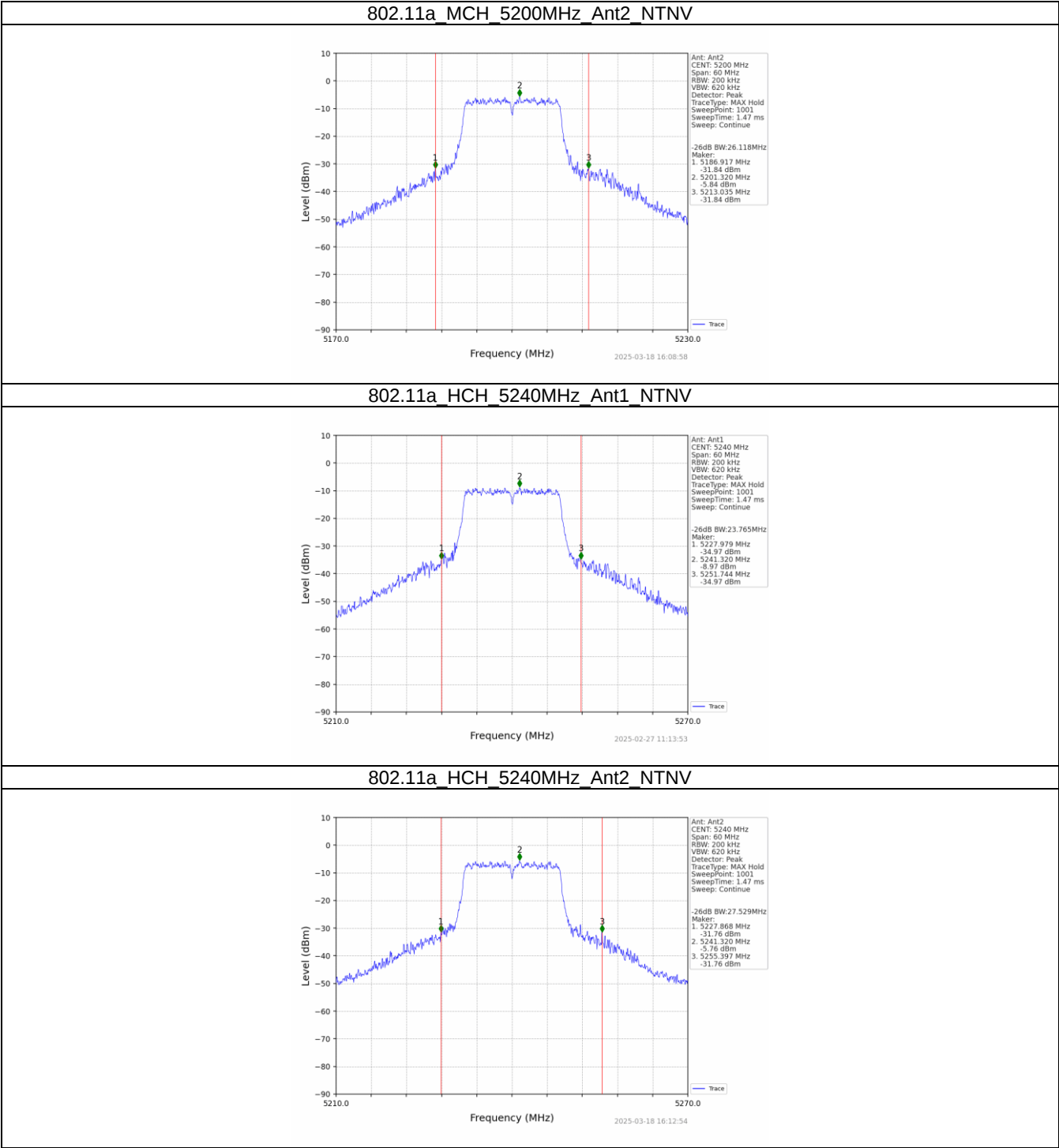
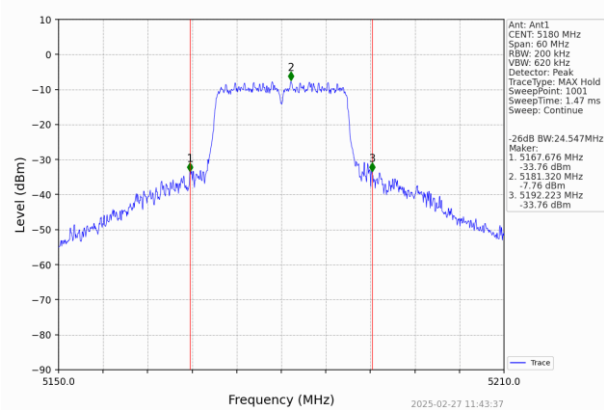
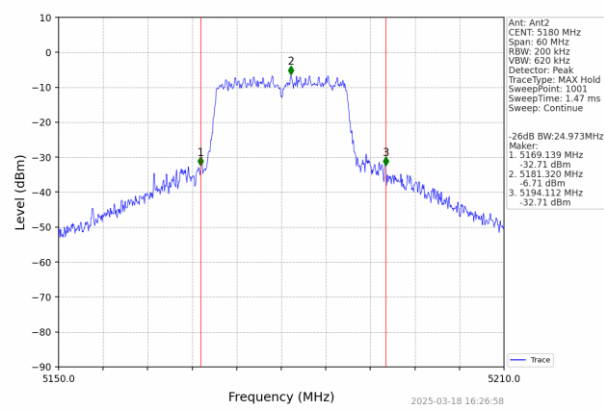




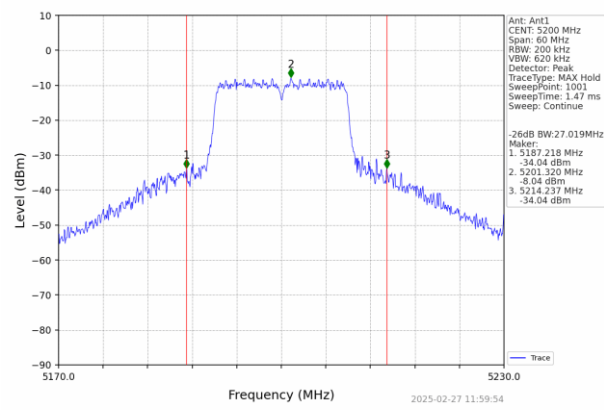
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

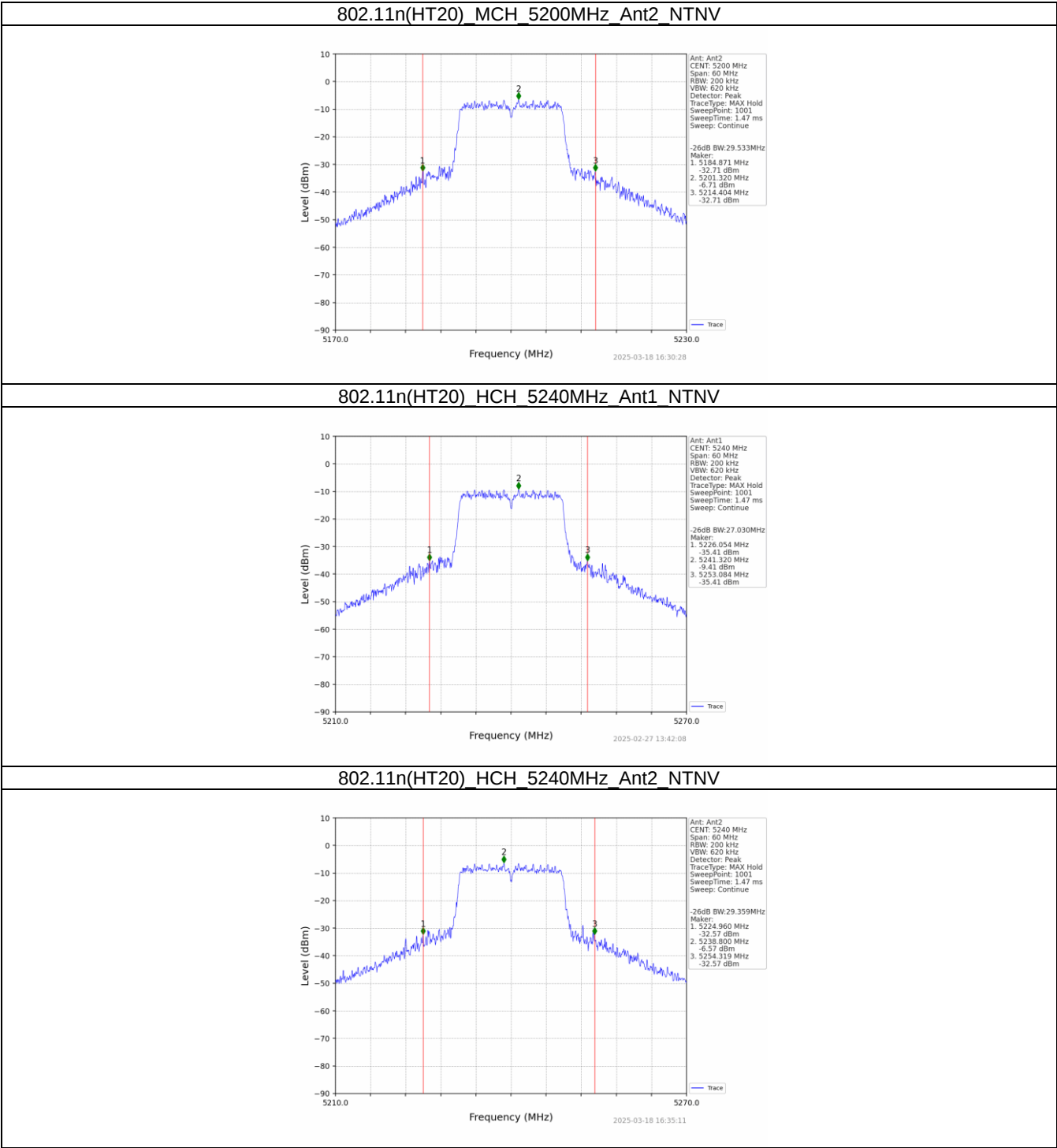


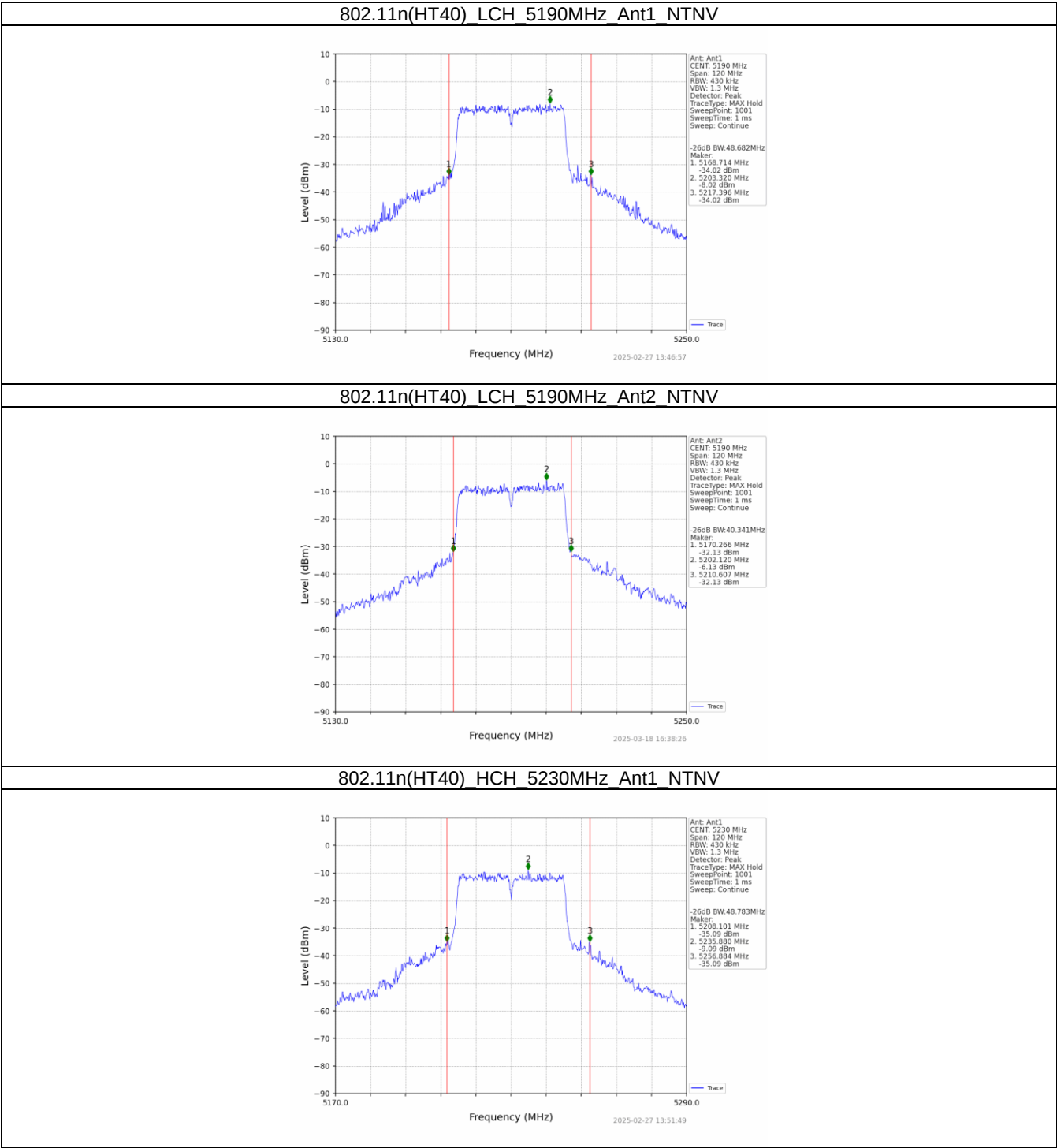
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

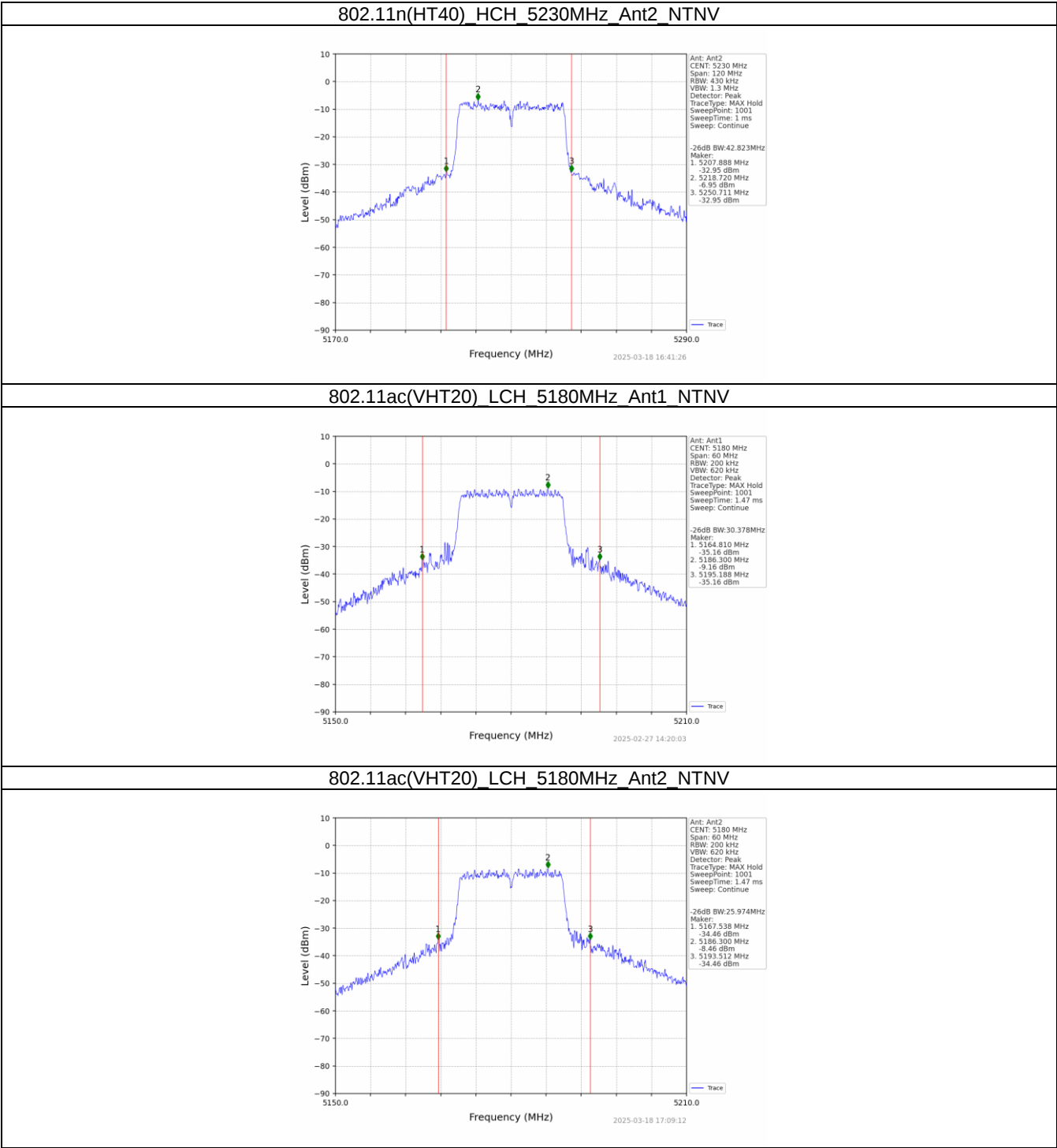


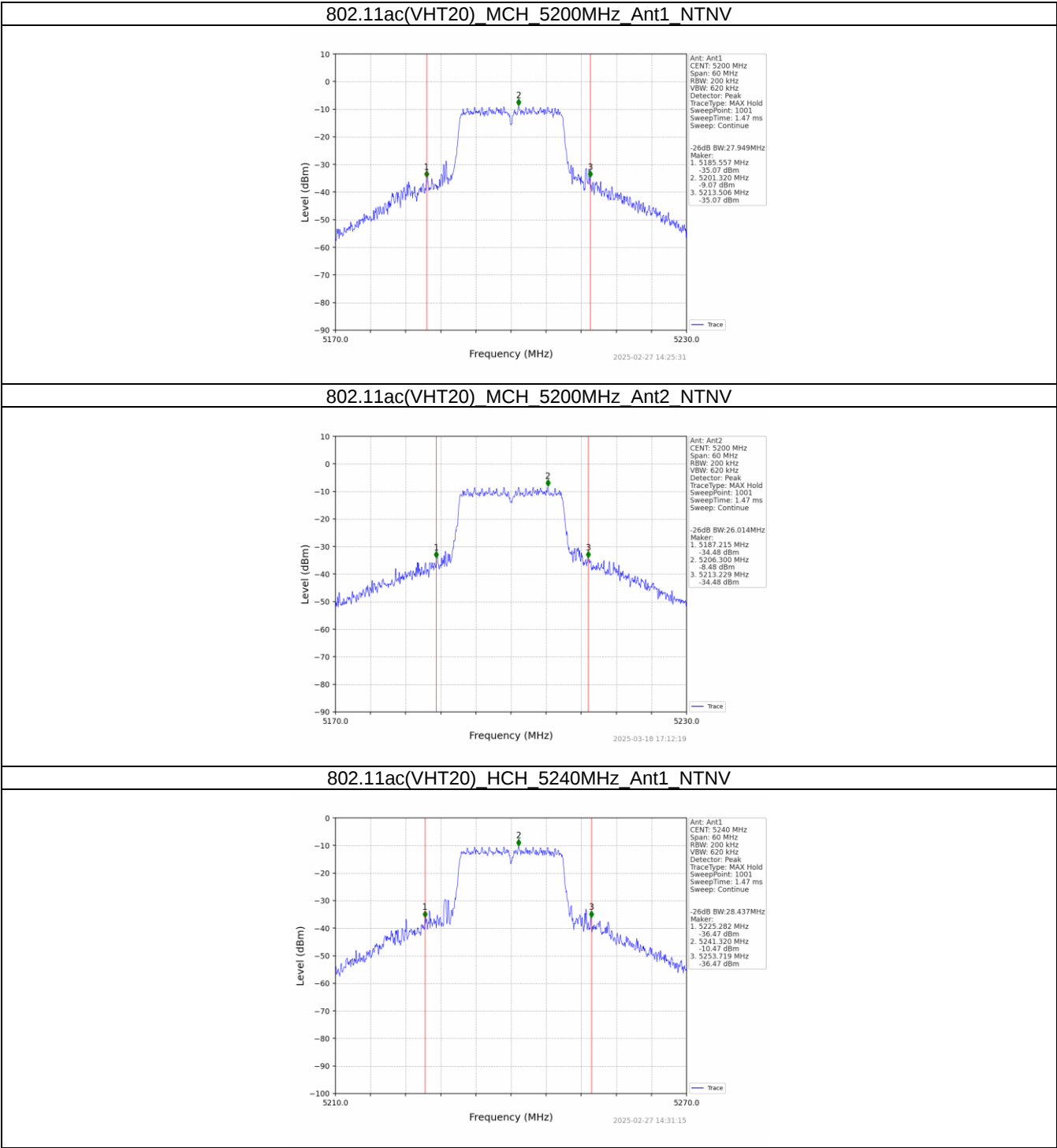
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

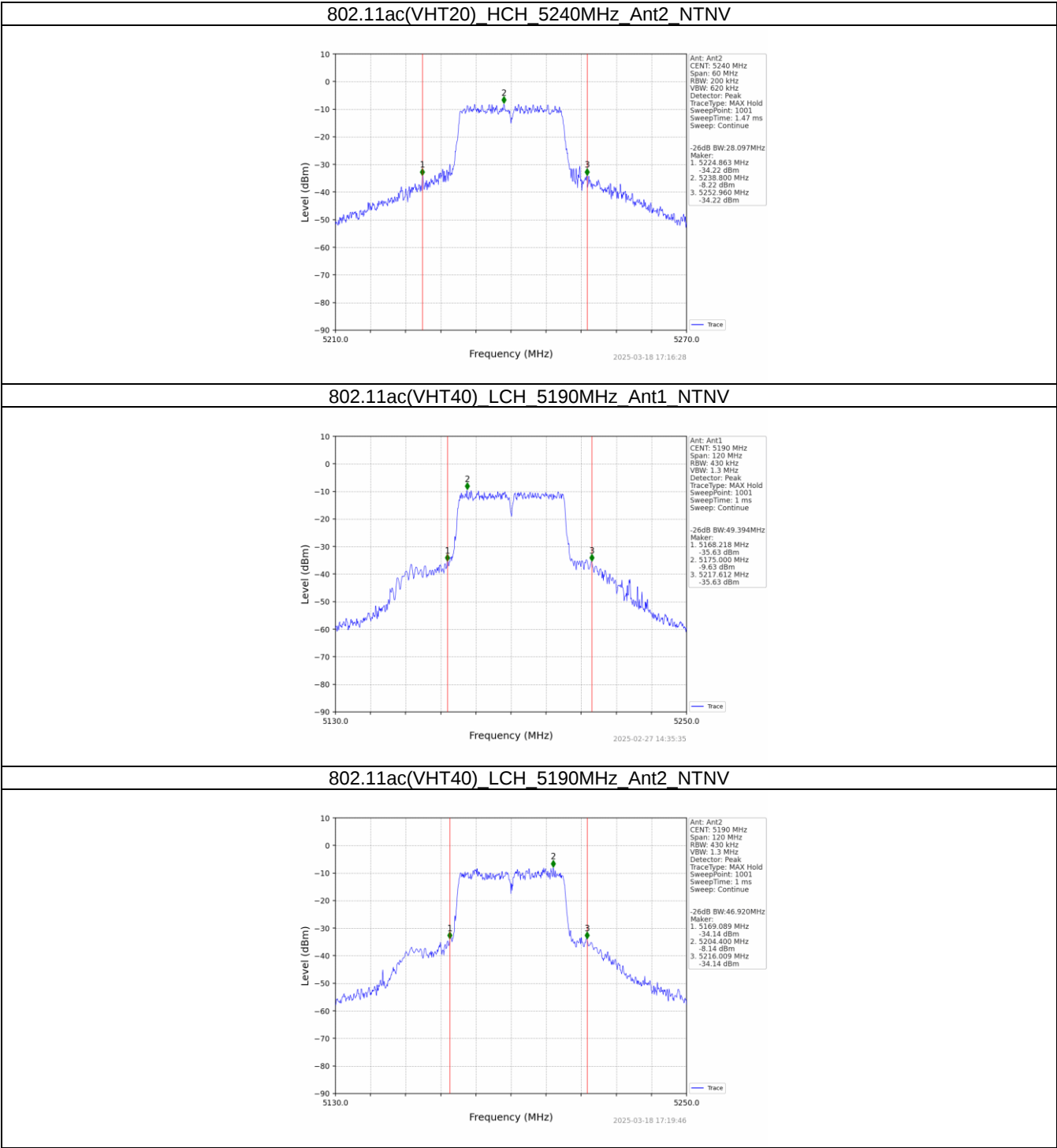


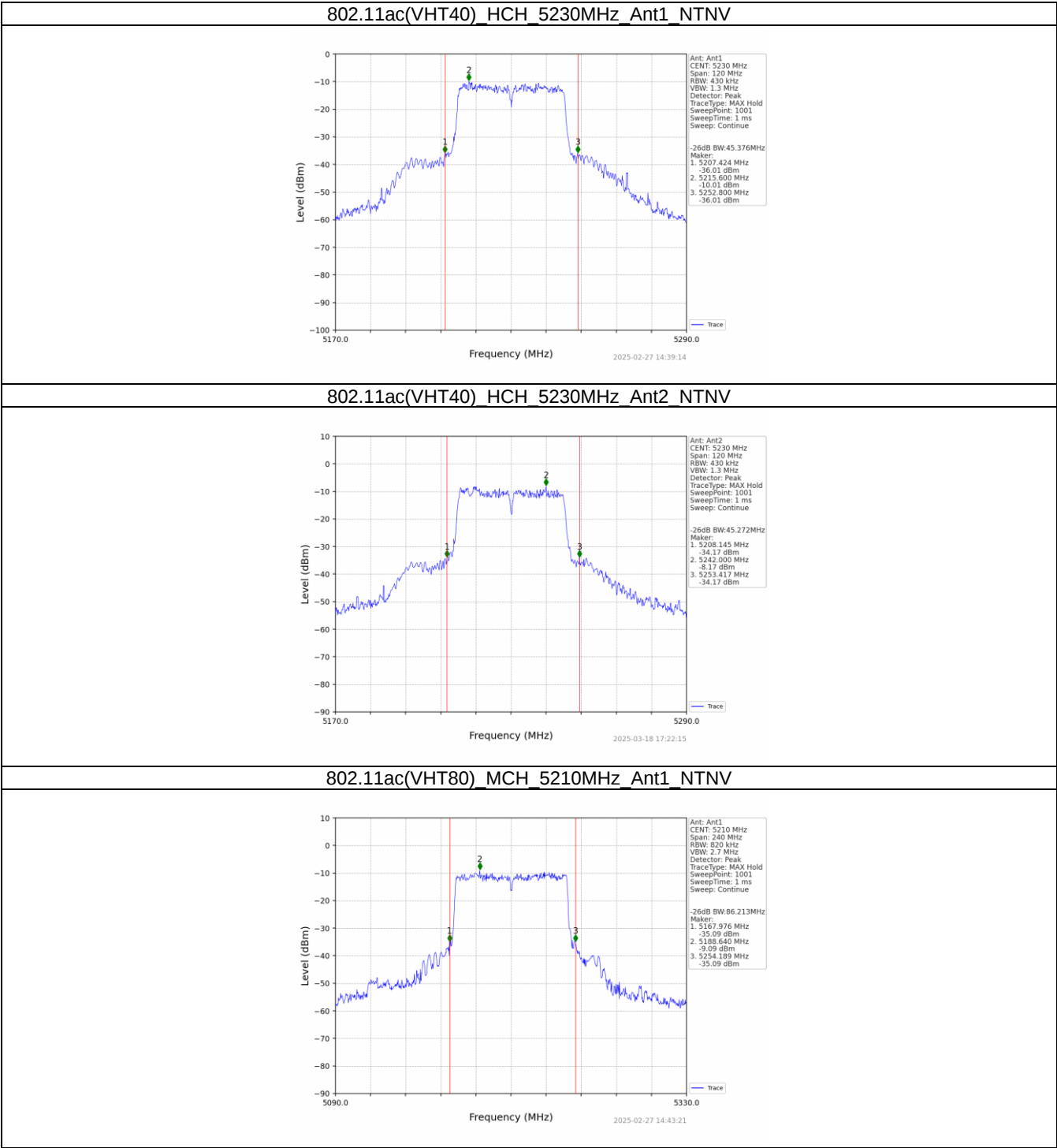


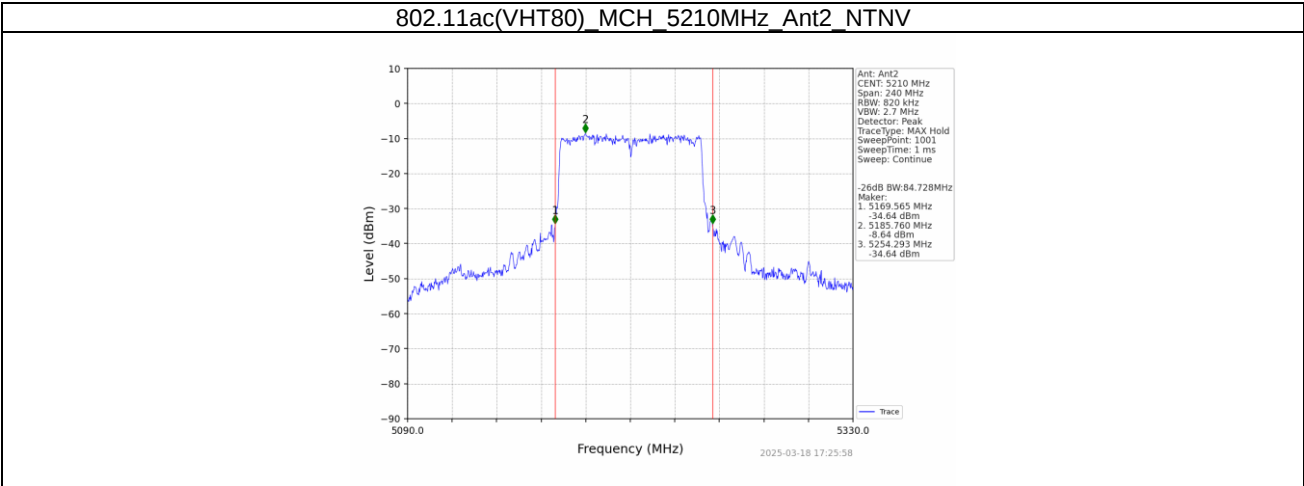




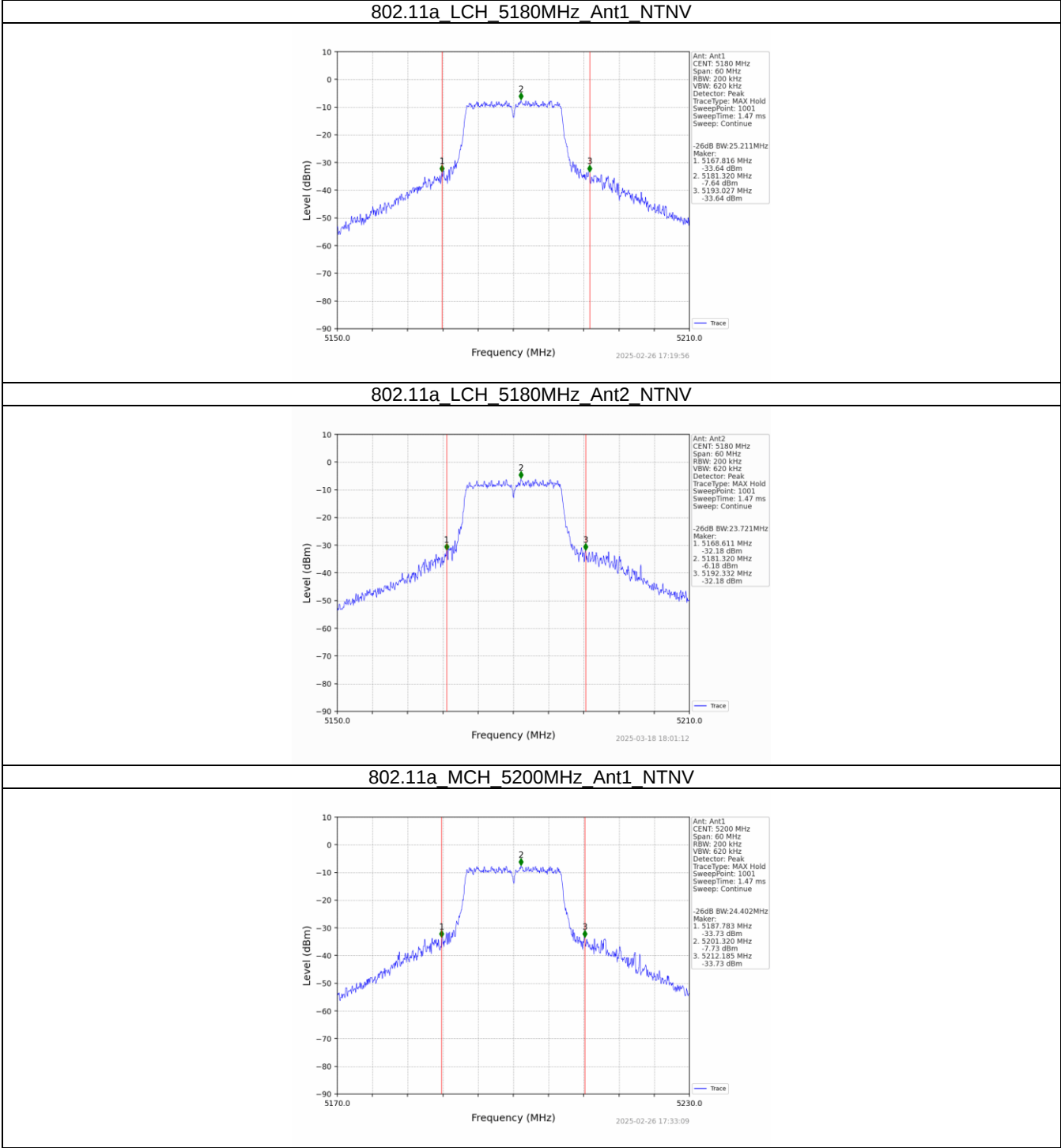


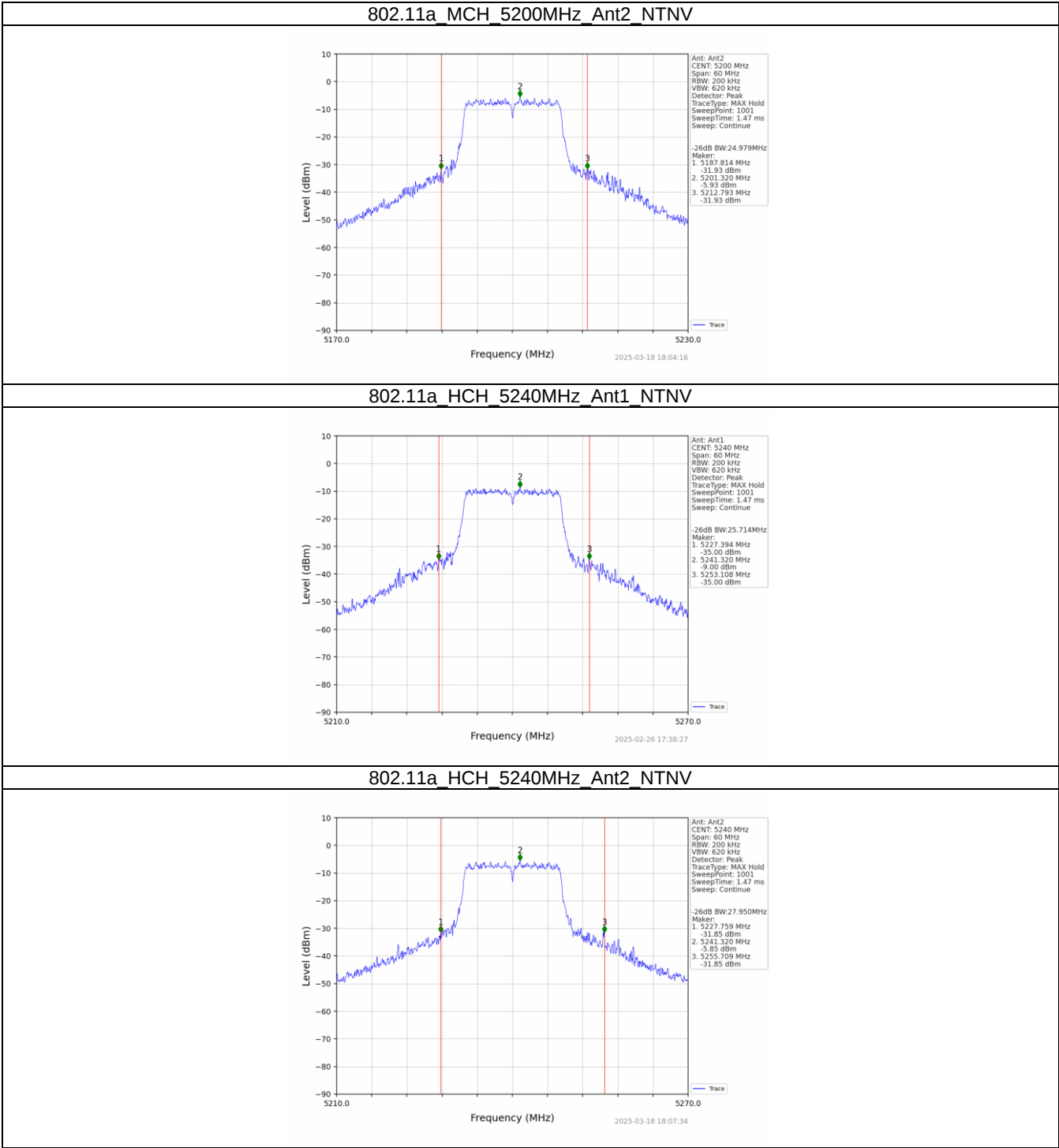


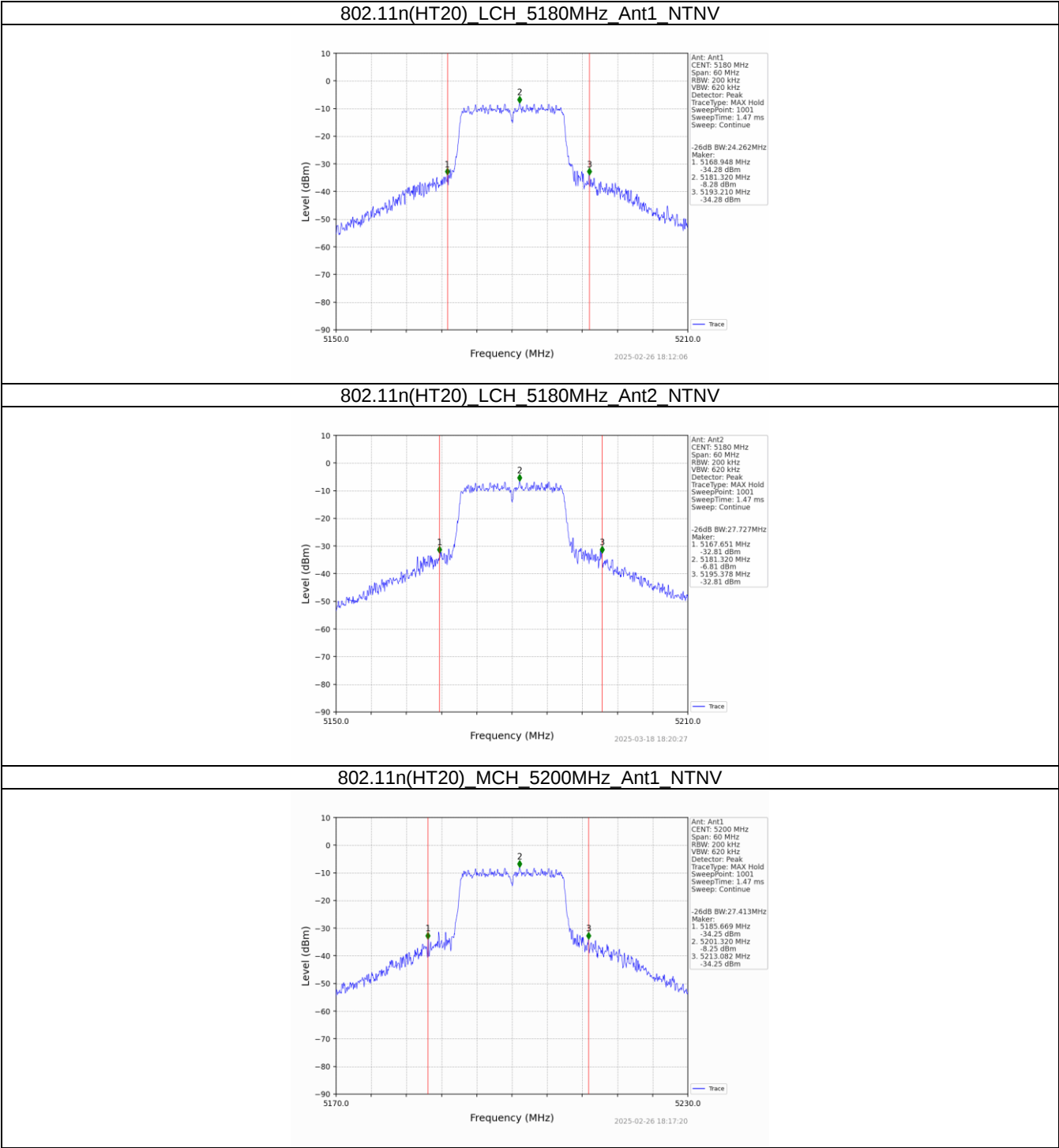


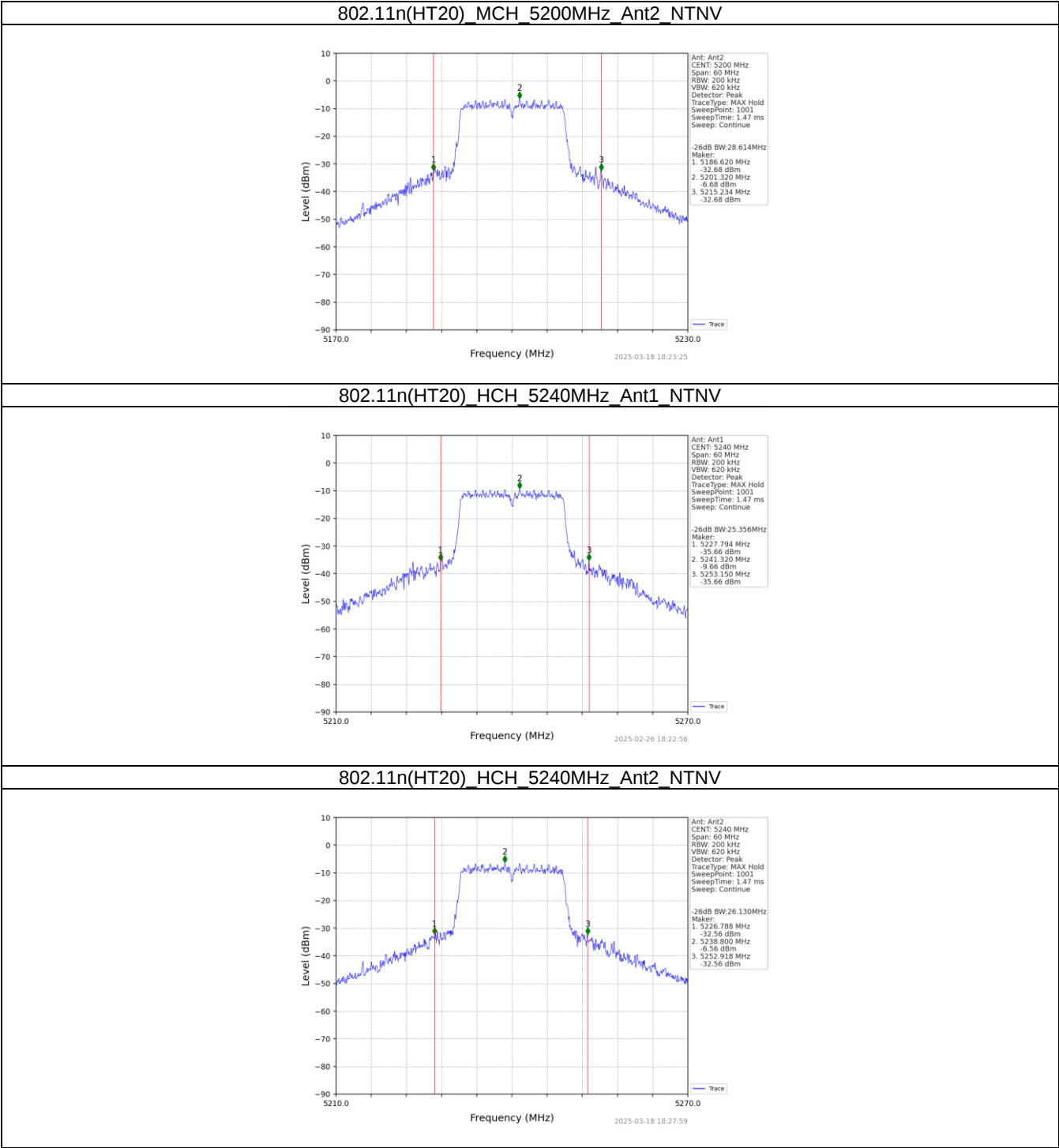


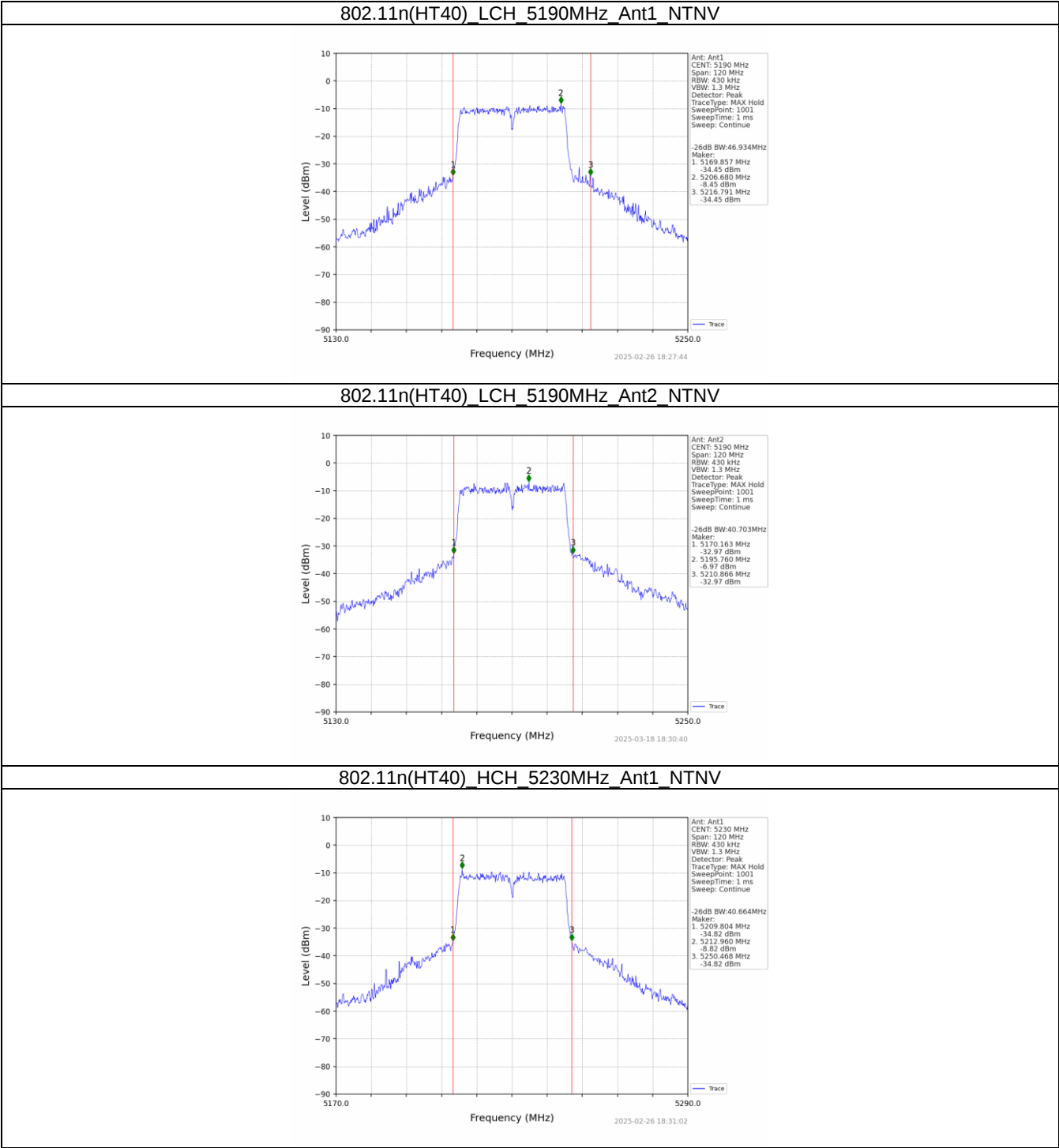
Module 2:
26dB Bandwidth

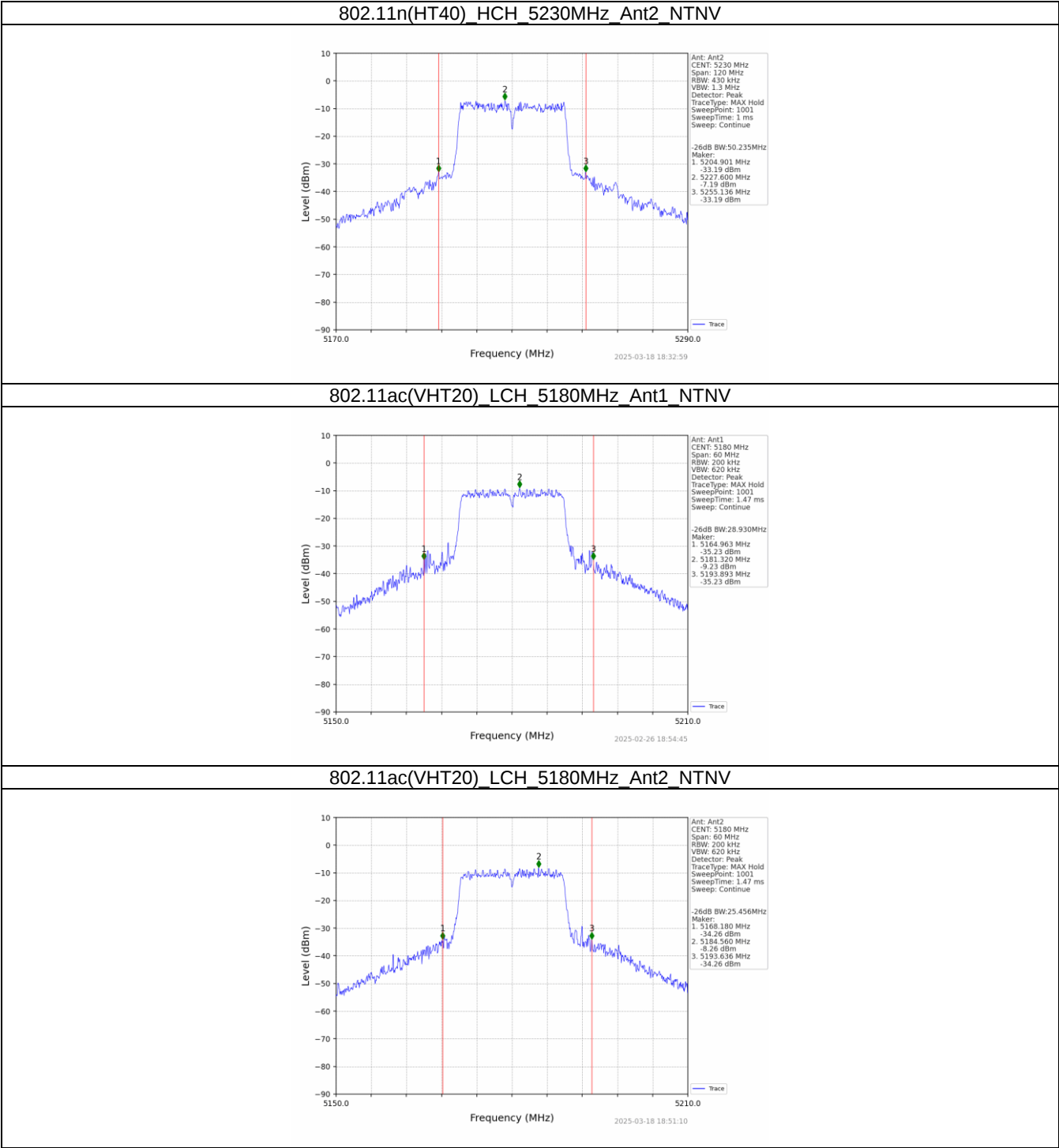




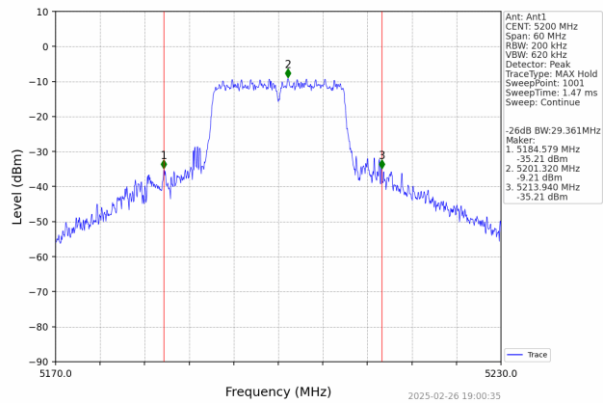




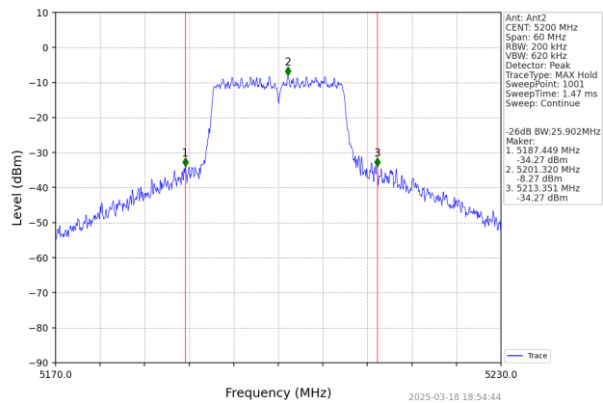




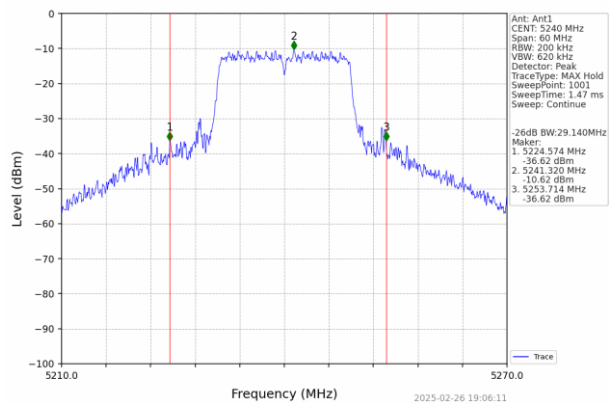
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

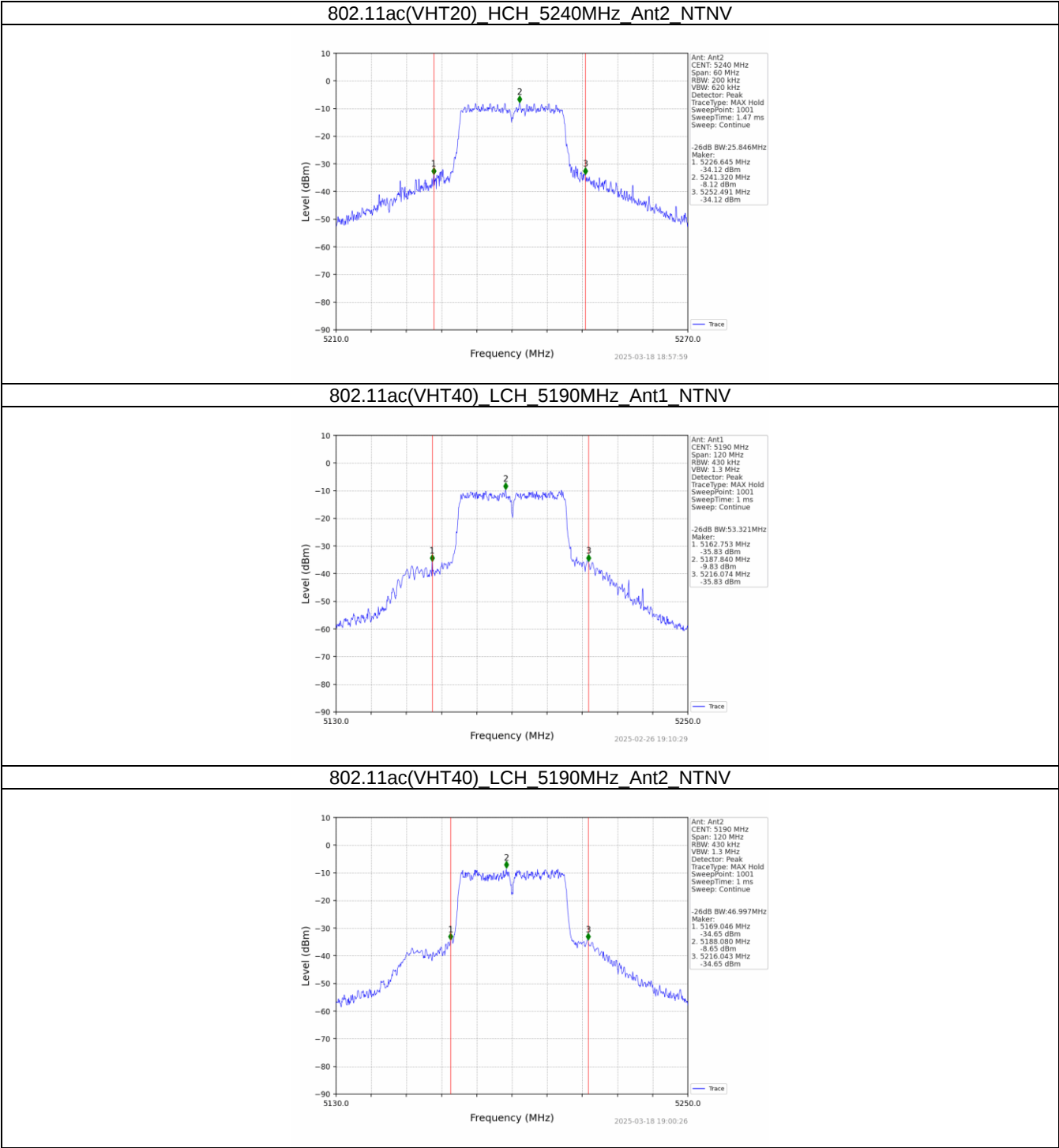


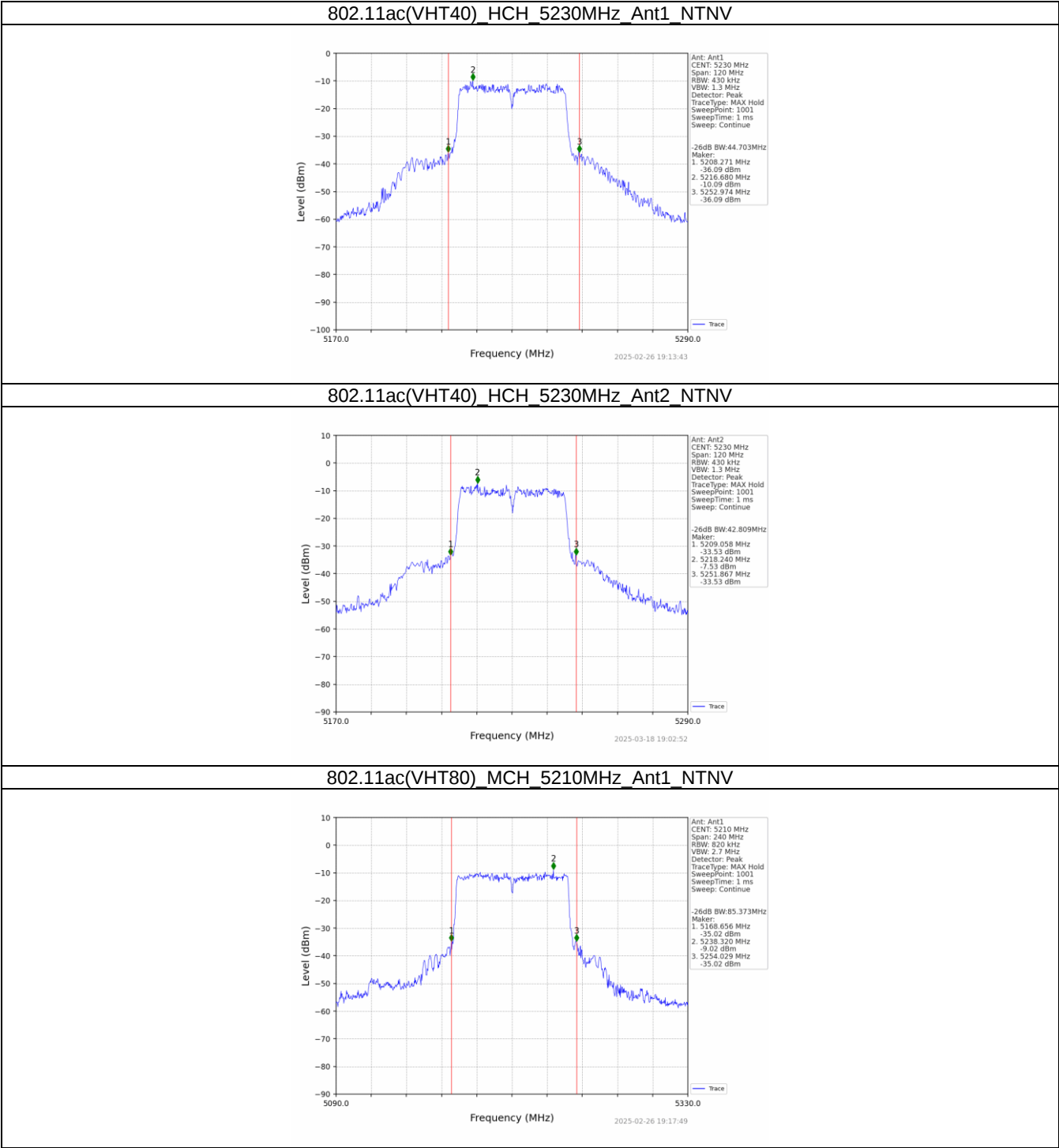
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

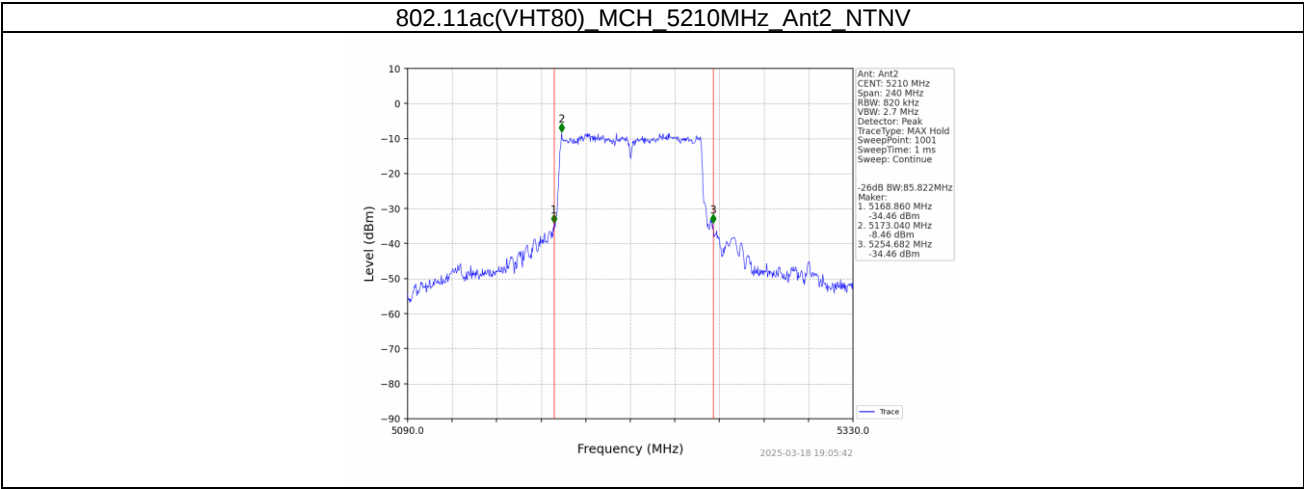


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV









4.6 Minimum Emission Bandwidth (6dB Bandwidth)

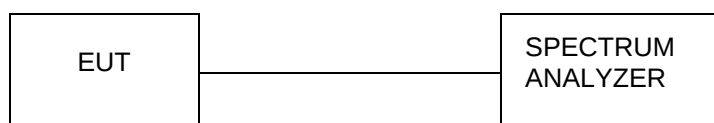
Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth 3 x RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Test Configuration



Test Results

Module 1:

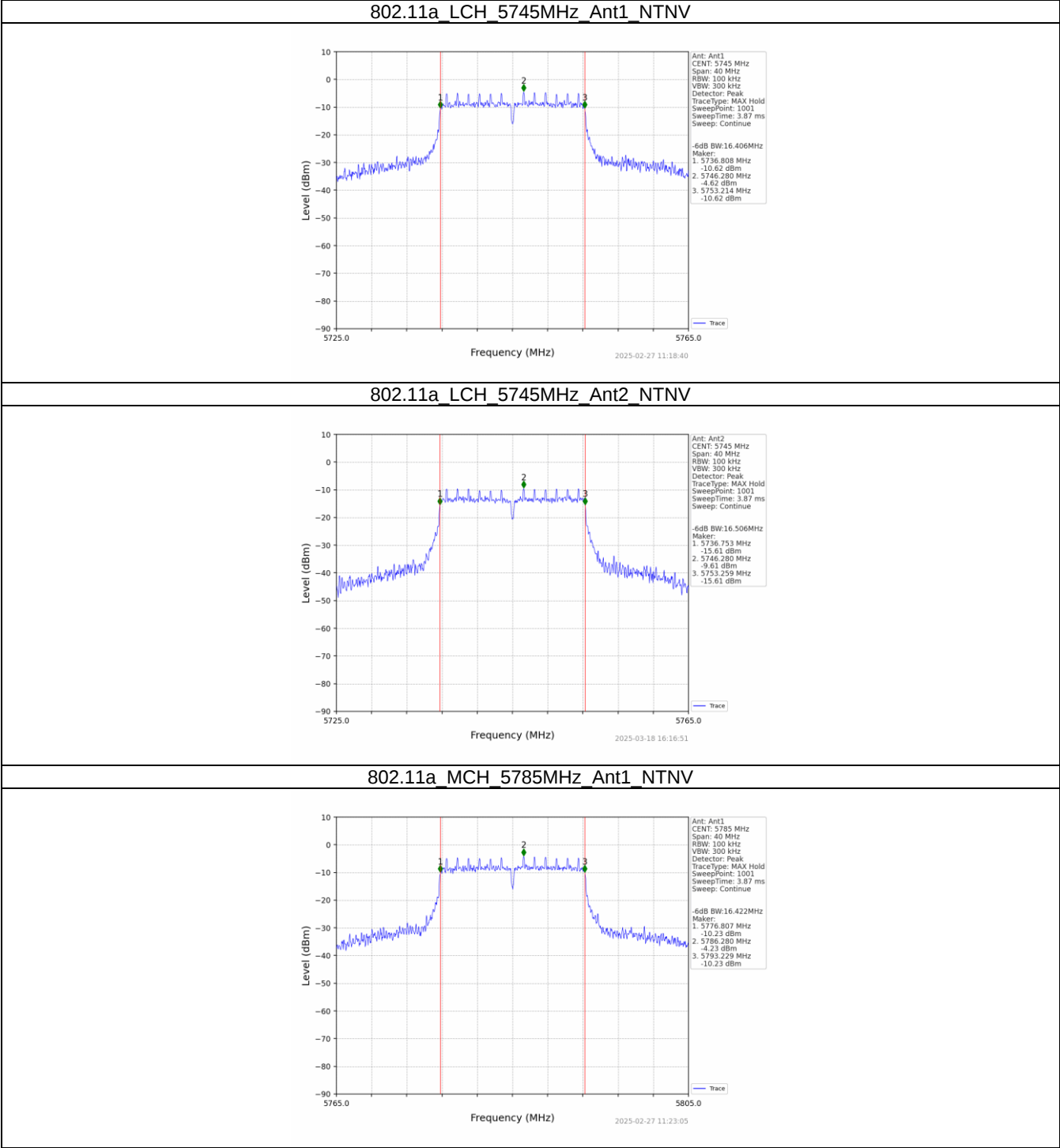
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.406	>=0.5	Pass
			2	16.506	>=0.5	Pass
		5785	1	16.422	>=0.5	Pass
			2	16.459	>=0.5	Pass
		5825	1	16.415	>=0.5	Pass
			2	16.463	>=0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.588	>=0.5	Pass
			2	17.657	>=0.5	Pass
		5785	1	17.587	>=0.5	Pass
			2	17.679	>=0.5	Pass
		5825	1	17.625	>=0.5	Pass
			2	17.677	>=0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.801	>=0.5	Pass
			2	35.827	>=0.5	Pass
		5795	1	35.758	>=0.5	Pass
			2	35.773	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.631	>=0.5	Pass
			2	17.642	>=0.5	Pass
		5785	1	17.597	>=0.5	Pass
			2	17.646	>=0.5	Pass
		5825	1	17.594	>=0.5	Pass
			2	17.660	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.584	>=0.5	Pass
			2	35.884	>=0.5	Pass
		5795	1	36.032	>=0.5	Pass
			2	35.897	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.538	>=0.5	Pass
			2	75.464	>=0.5	Pass

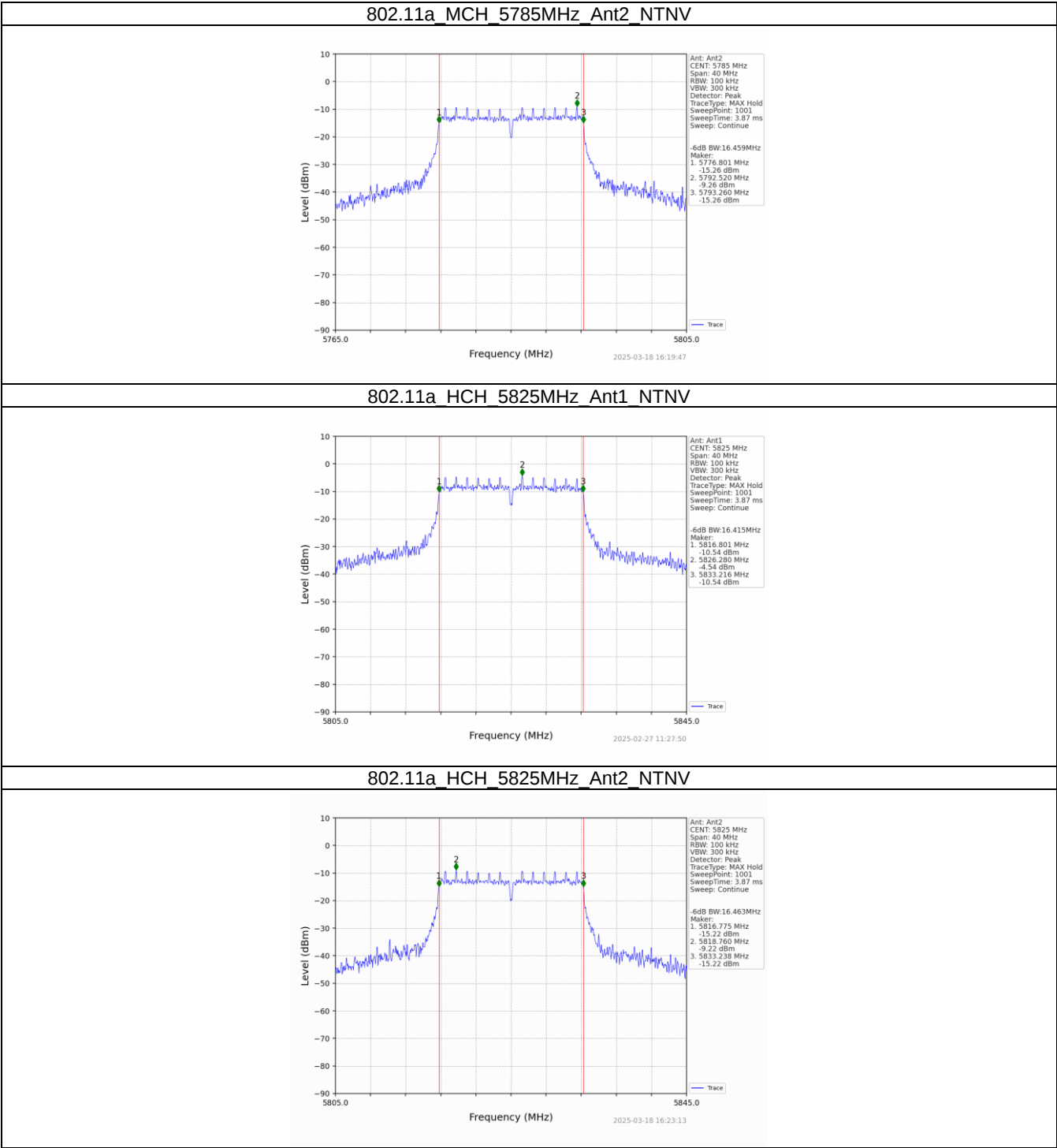
Module 2:

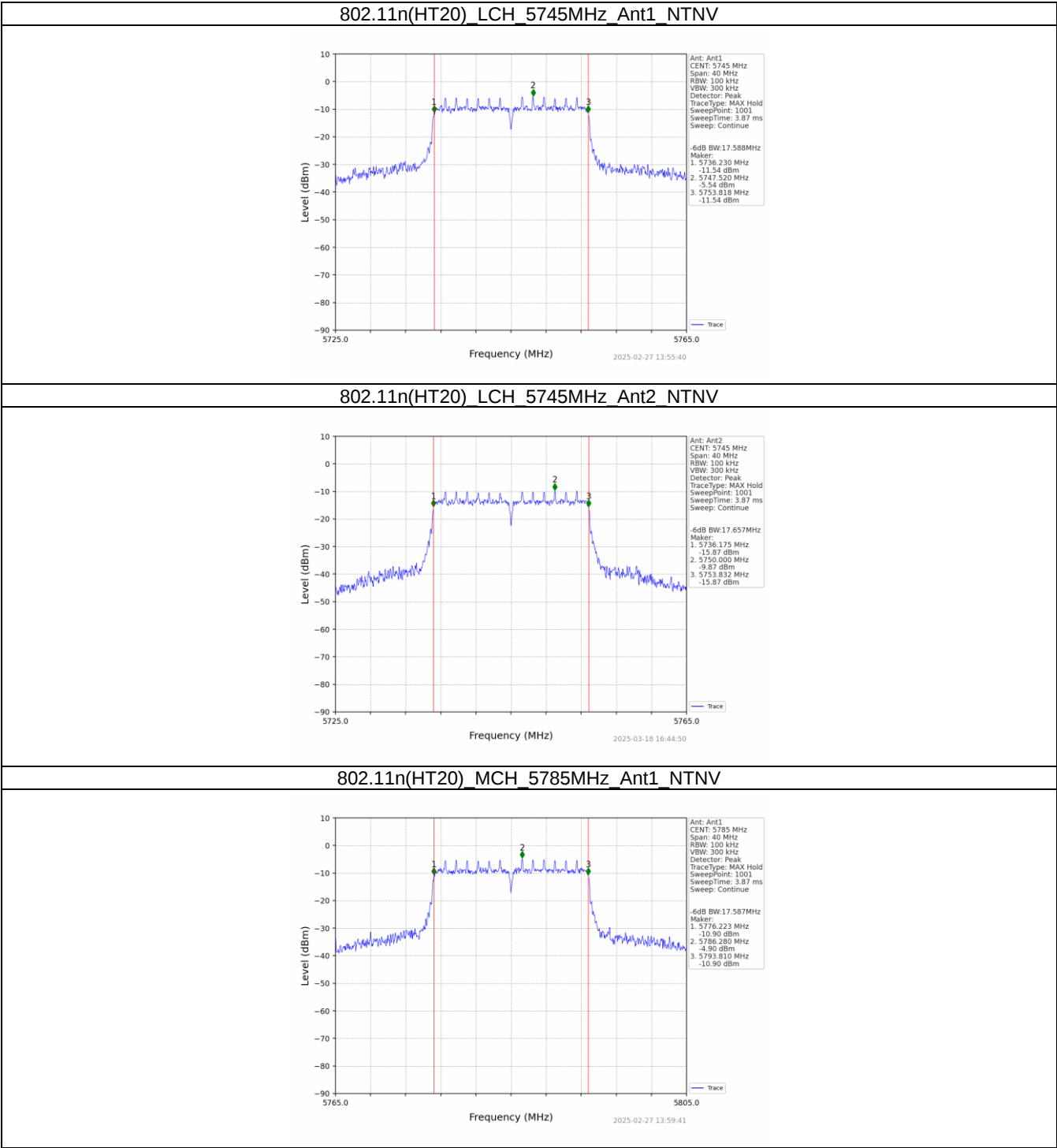
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.417	≥ 0.5	Pass
			2	16.471	≥ 0.5	Pass
		5785	1	16.418	≥ 0.5	Pass
			2	16.482	≥ 0.5	Pass
		5825	1	16.444	≥ 0.5	Pass
			2	16.496	≥ 0.5	Pass
802.11n (HT20)	MIMO	5745	1	17.608	≥ 0.5	Pass
			2	17.665	≥ 0.5	Pass
		5785	1	17.587	≥ 0.5	Pass
			2	17.657	≥ 0.5	Pass
		5825	1	17.615	≥ 0.5	Pass
			2	17.716	≥ 0.5	Pass
802.11n (HT40)	MIMO	5755	1	35.781	≥ 0.5	Pass
			2	35.747	≥ 0.5	Pass
		5795	1	36.084	≥ 0.5	Pass
			2	35.982	≥ 0.5	Pass
802.11ac (VHT20)	MIMO	5745	1	17.586	≥ 0.5	Pass
			2	17.644	≥ 0.5	Pass
		5785	1	17.610	≥ 0.5	Pass
			2	17.647	≥ 0.5	Pass
		5825	1	17.600	≥ 0.5	Pass
			2	17.661	≥ 0.5	Pass
802.11ac (VHT40)	MIMO	5755	1	35.558	≥ 0.5	Pass
			2	35.827	≥ 0.5	Pass
		5795	1	35.688	≥ 0.5	Pass
			2	35.991	≥ 0.5	Pass
802.11ac (VHT80)	MIMO	5775	1	75.549	≥ 0.5	Pass
			2	75.566	≥ 0.5	Pass

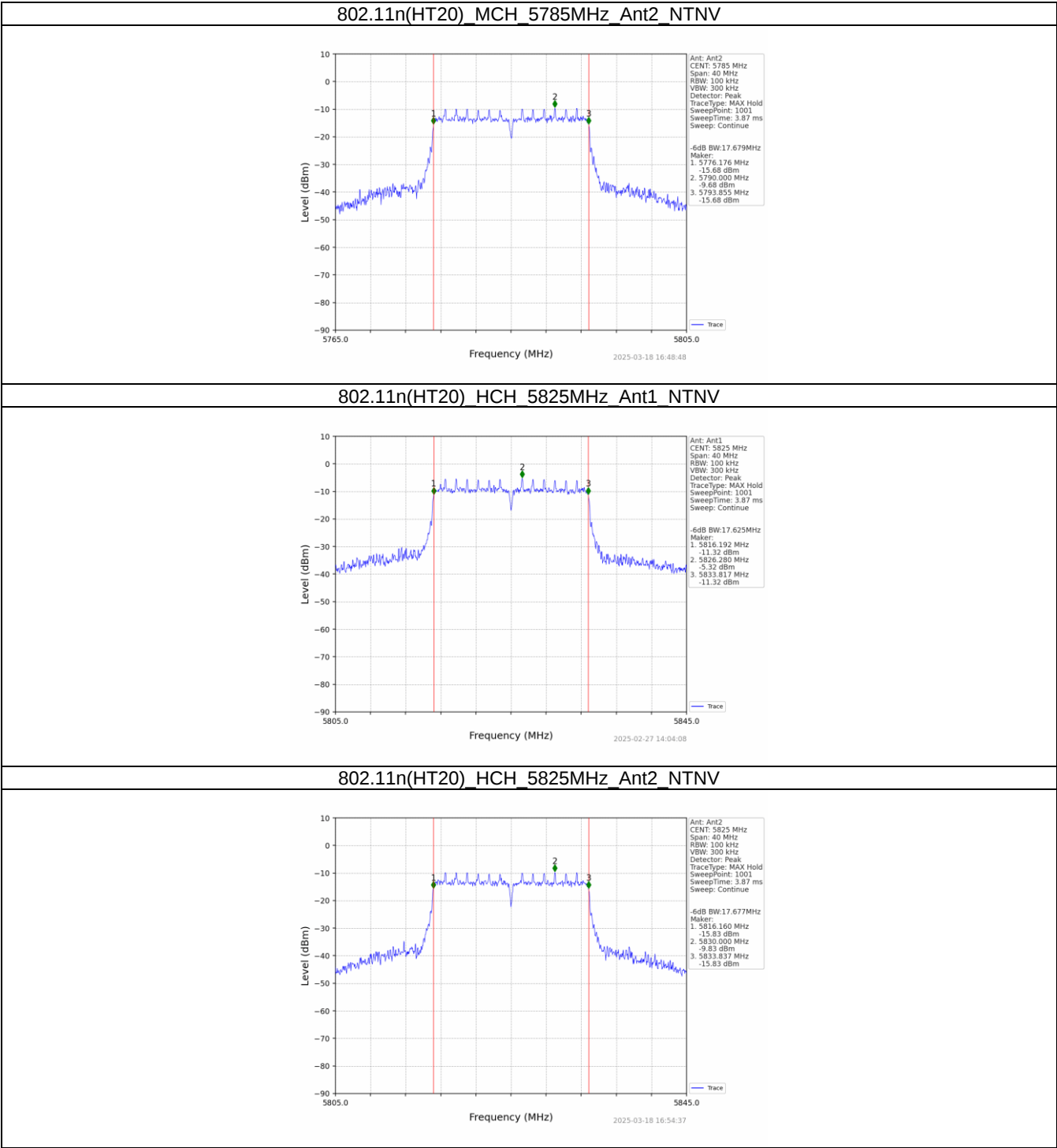
Test plot as follows:

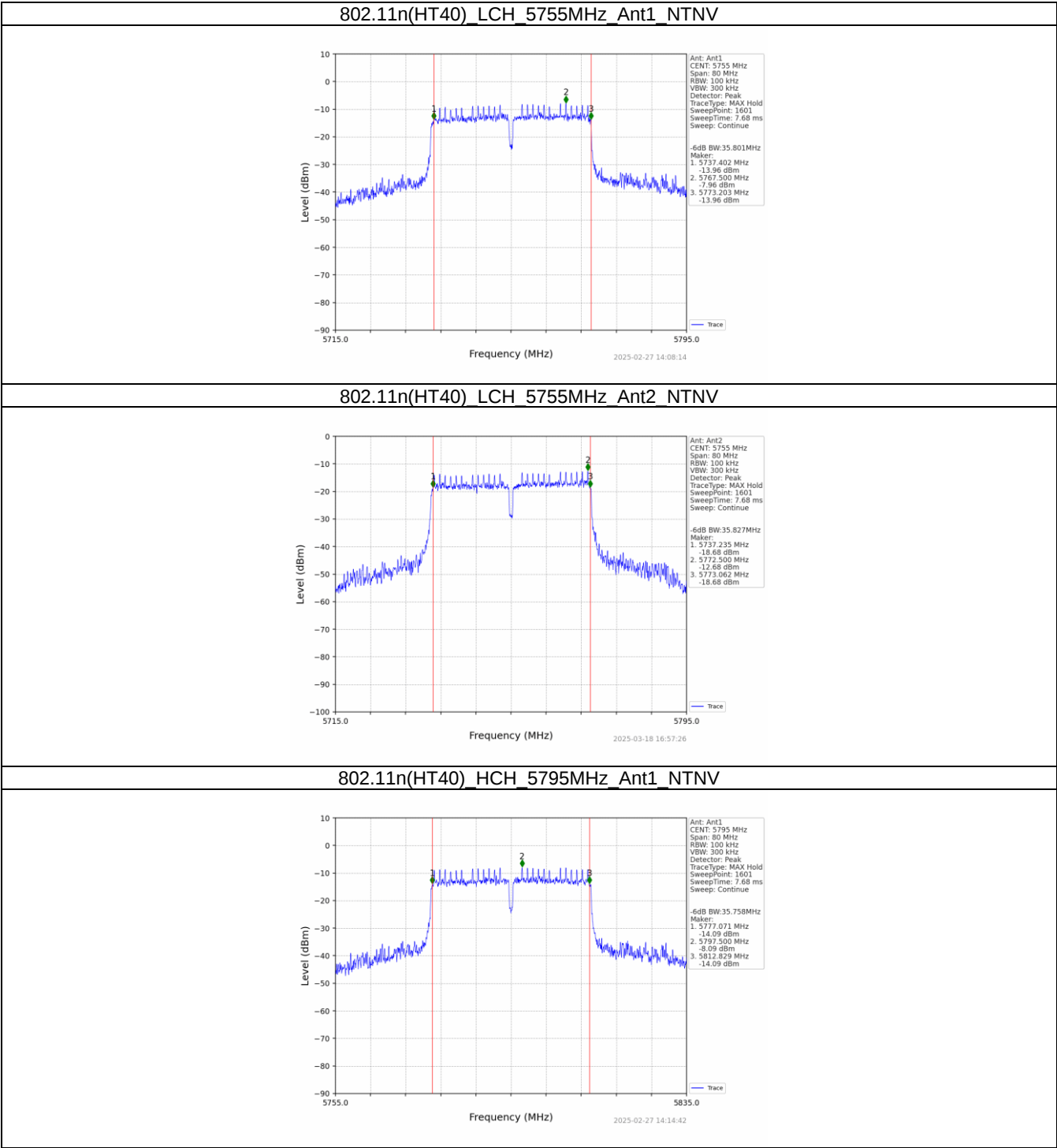
Module 1:
6dB Bandwidth

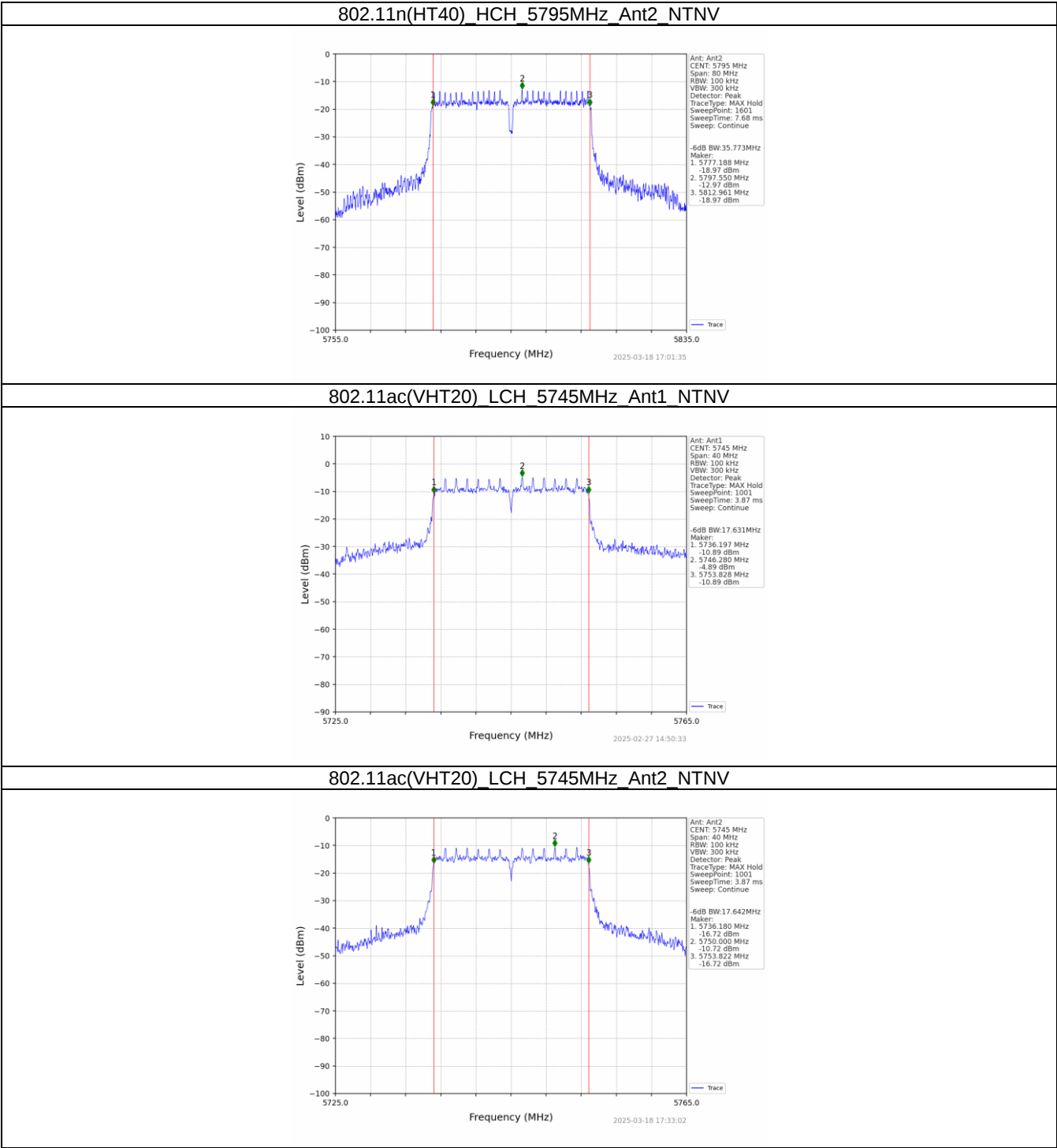


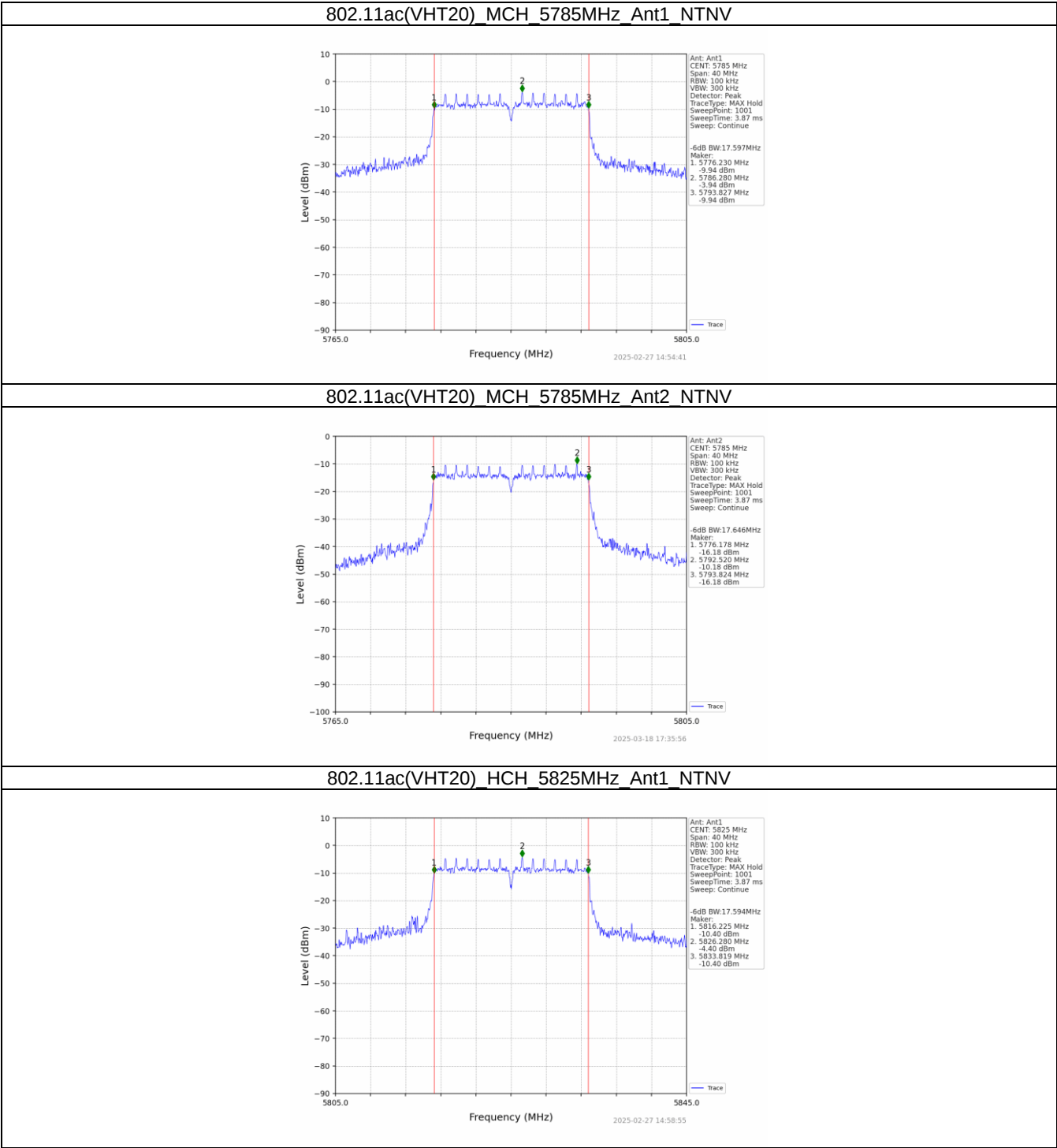


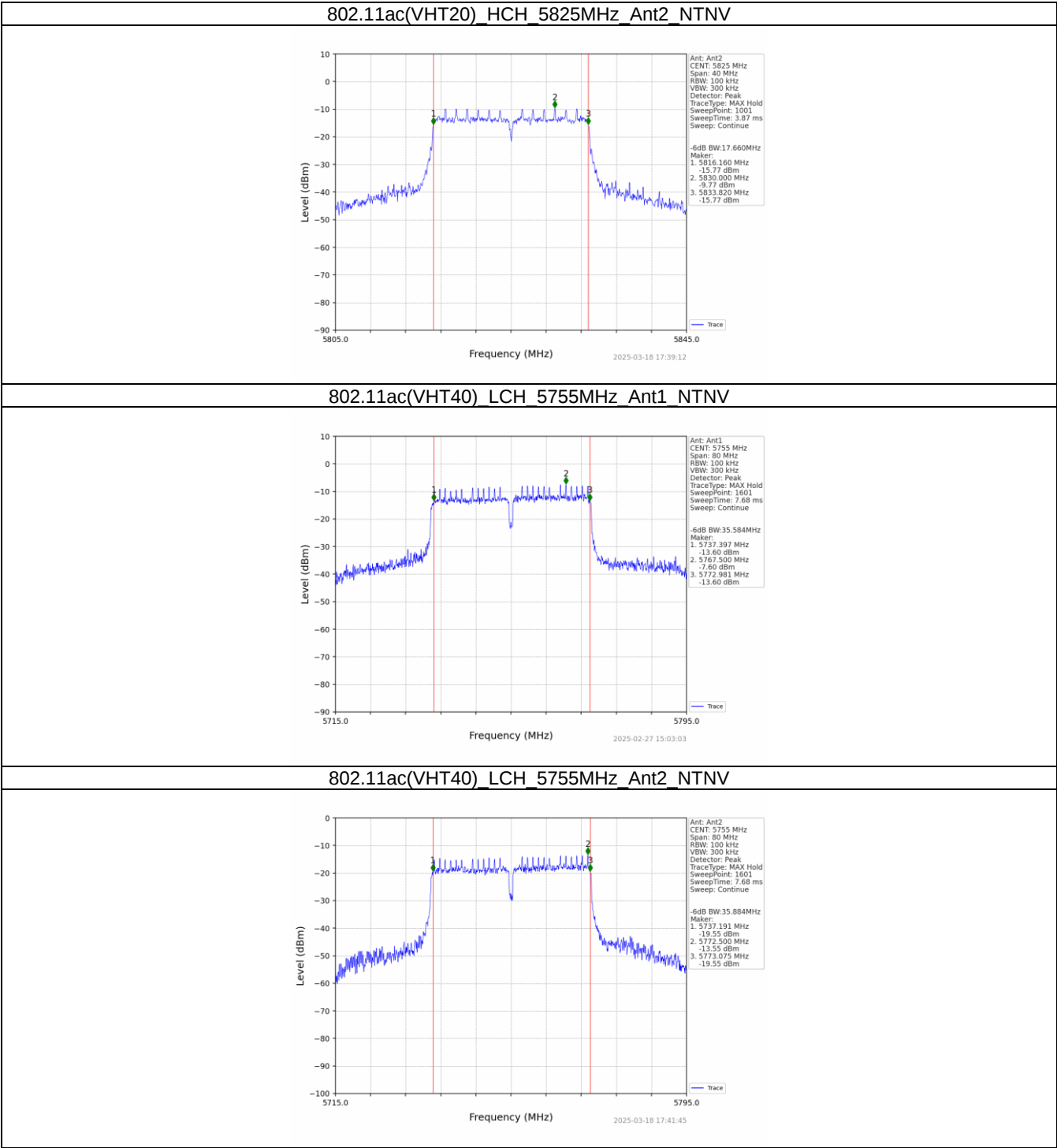


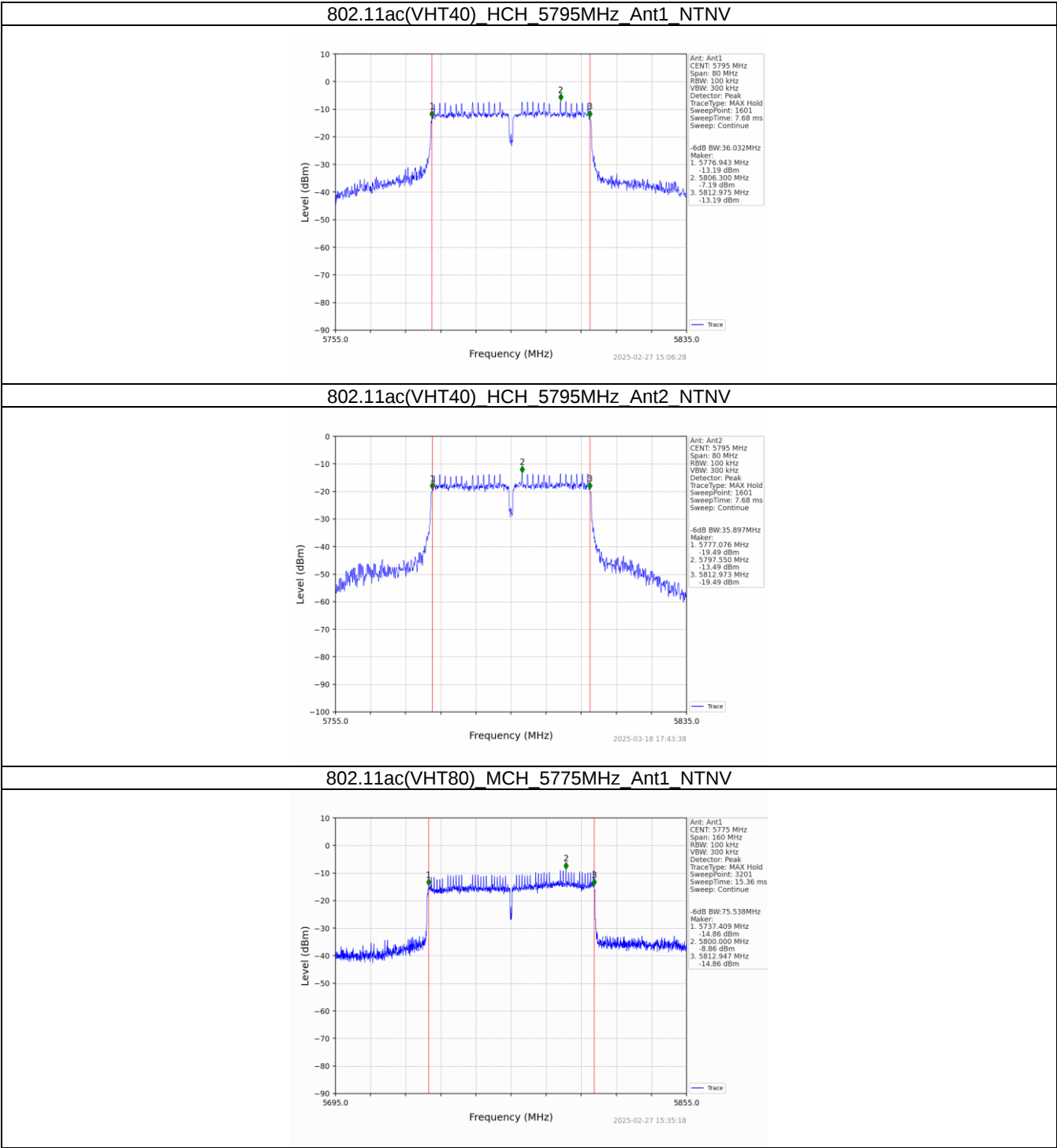


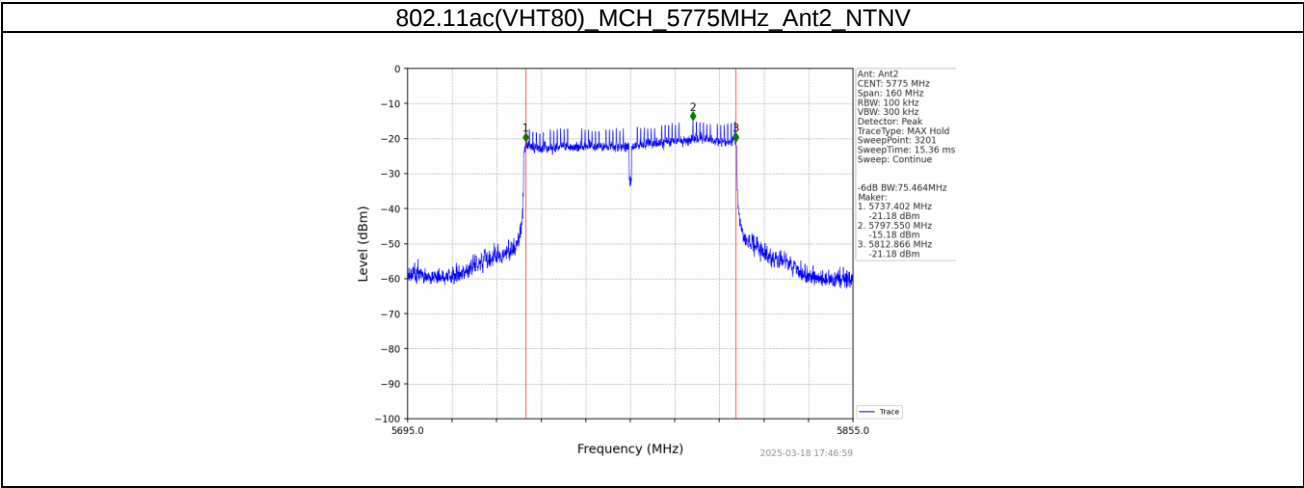












Module 2:
6dB Bandwidth

