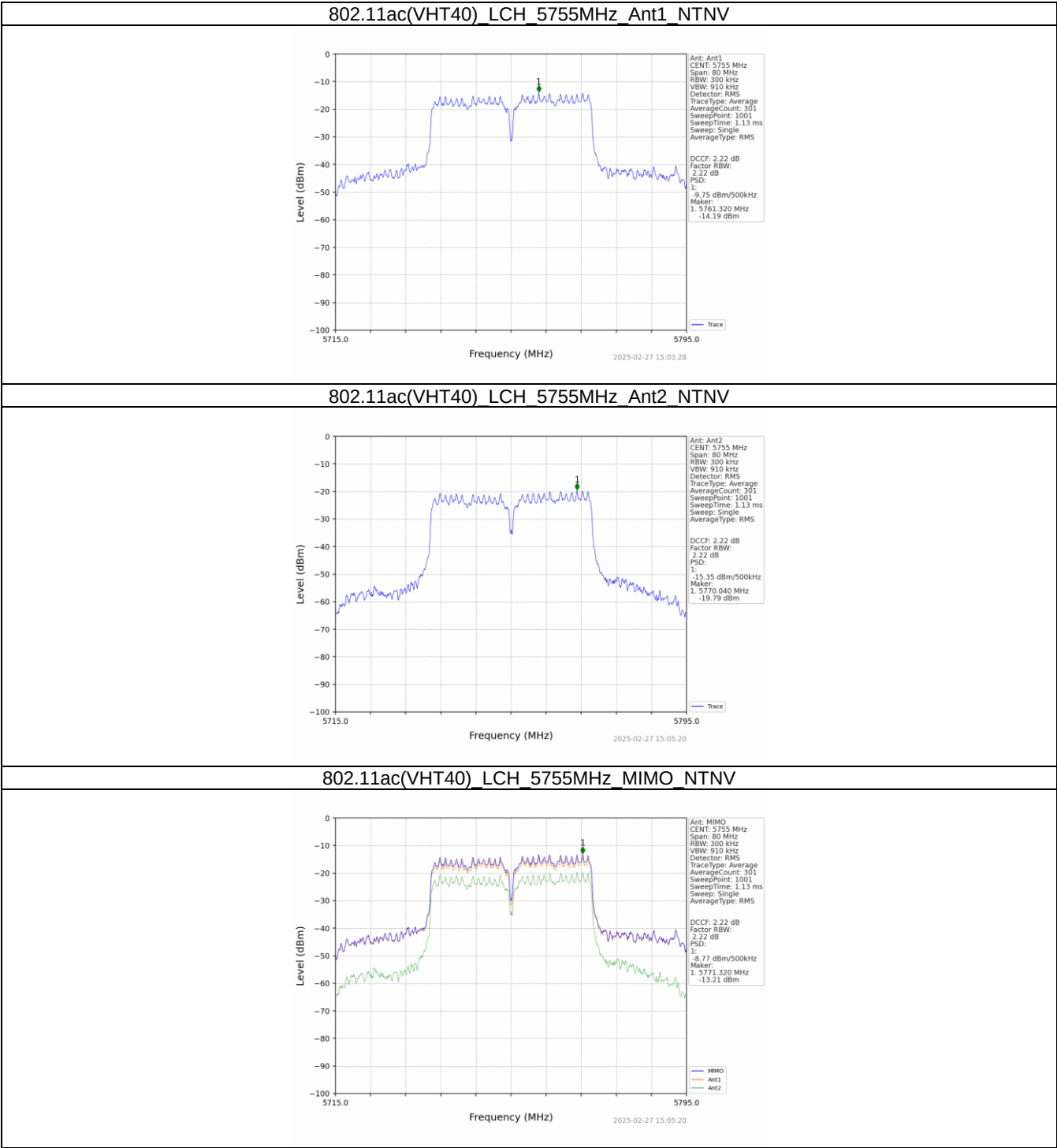
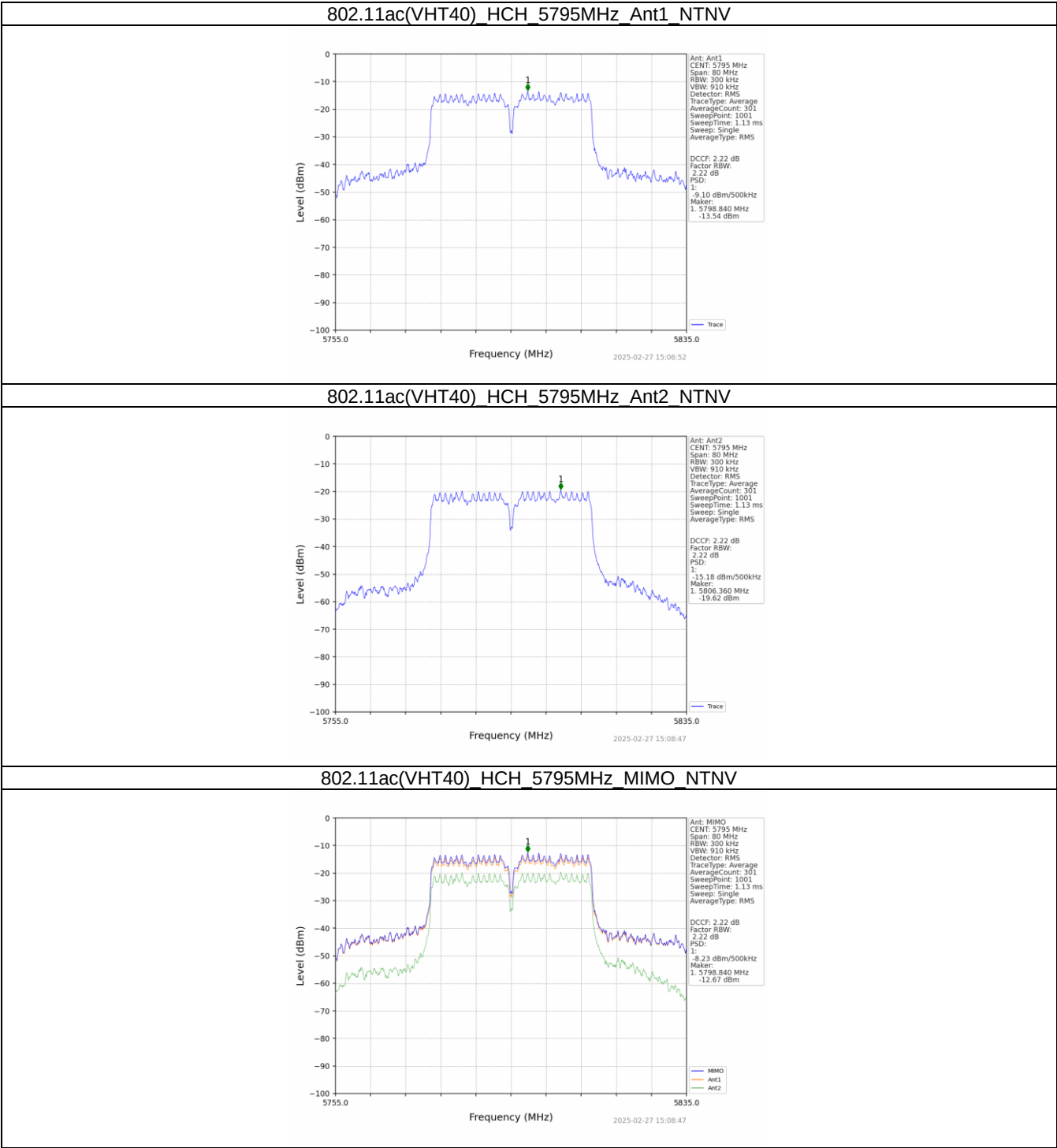
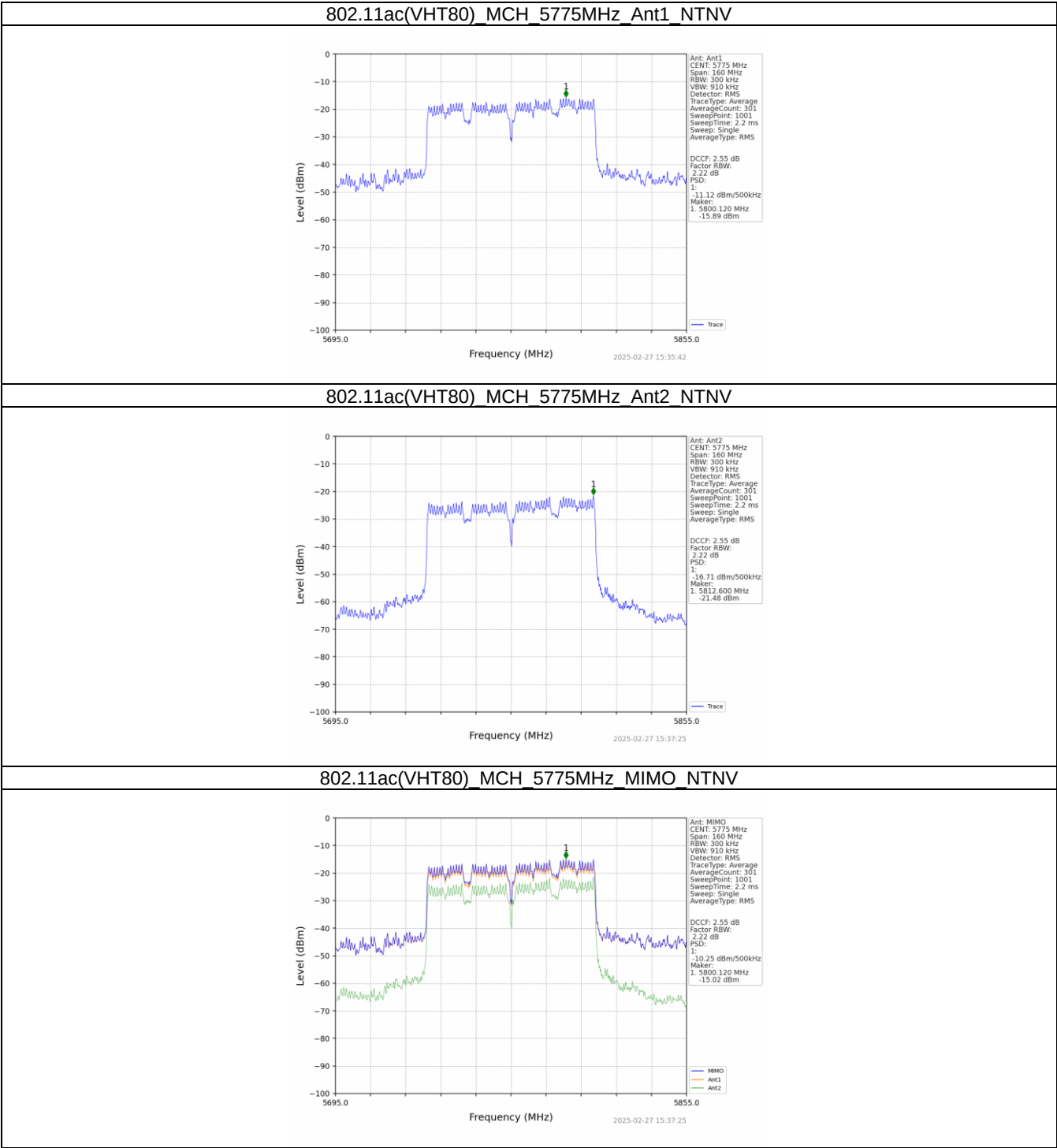
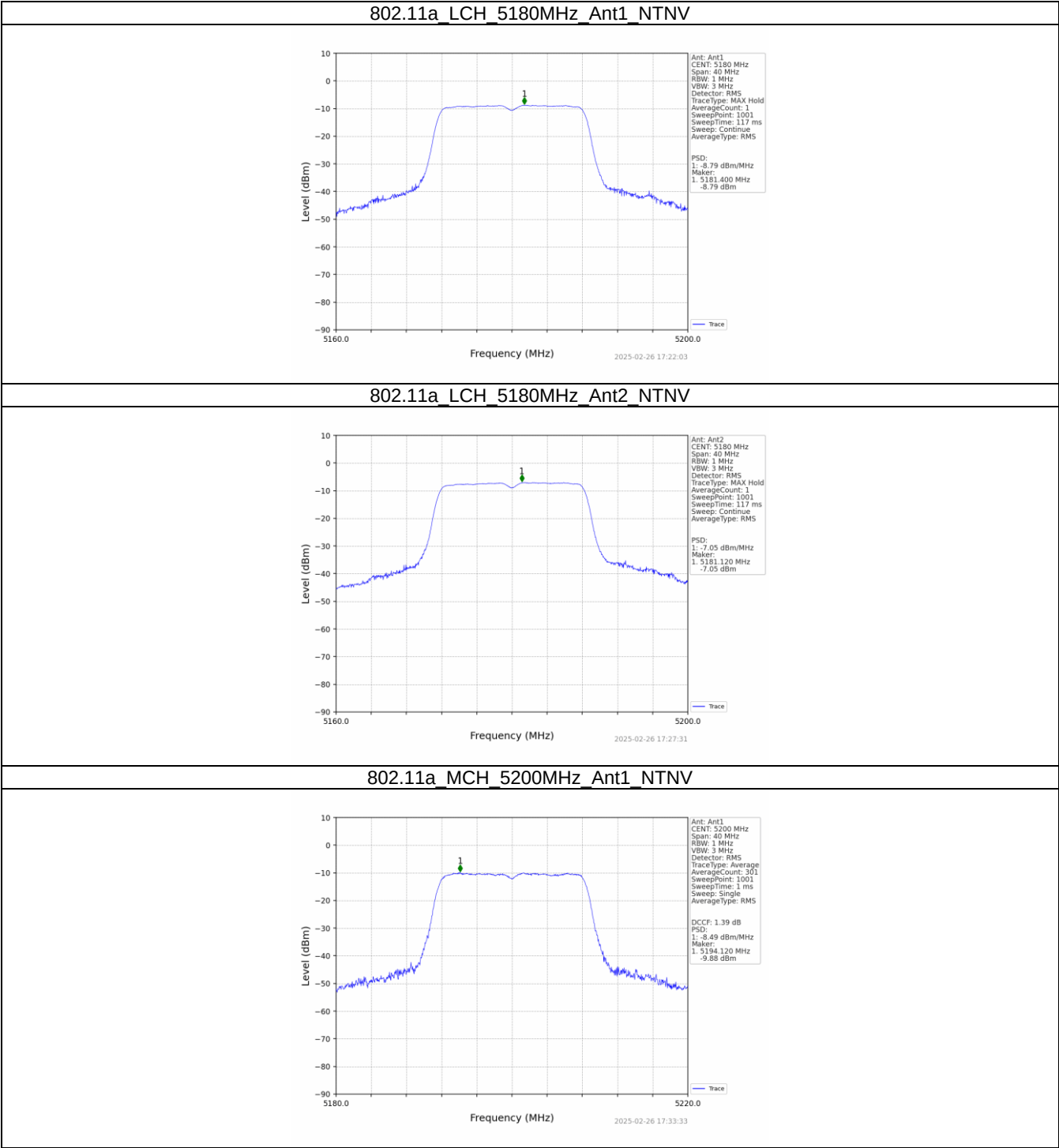


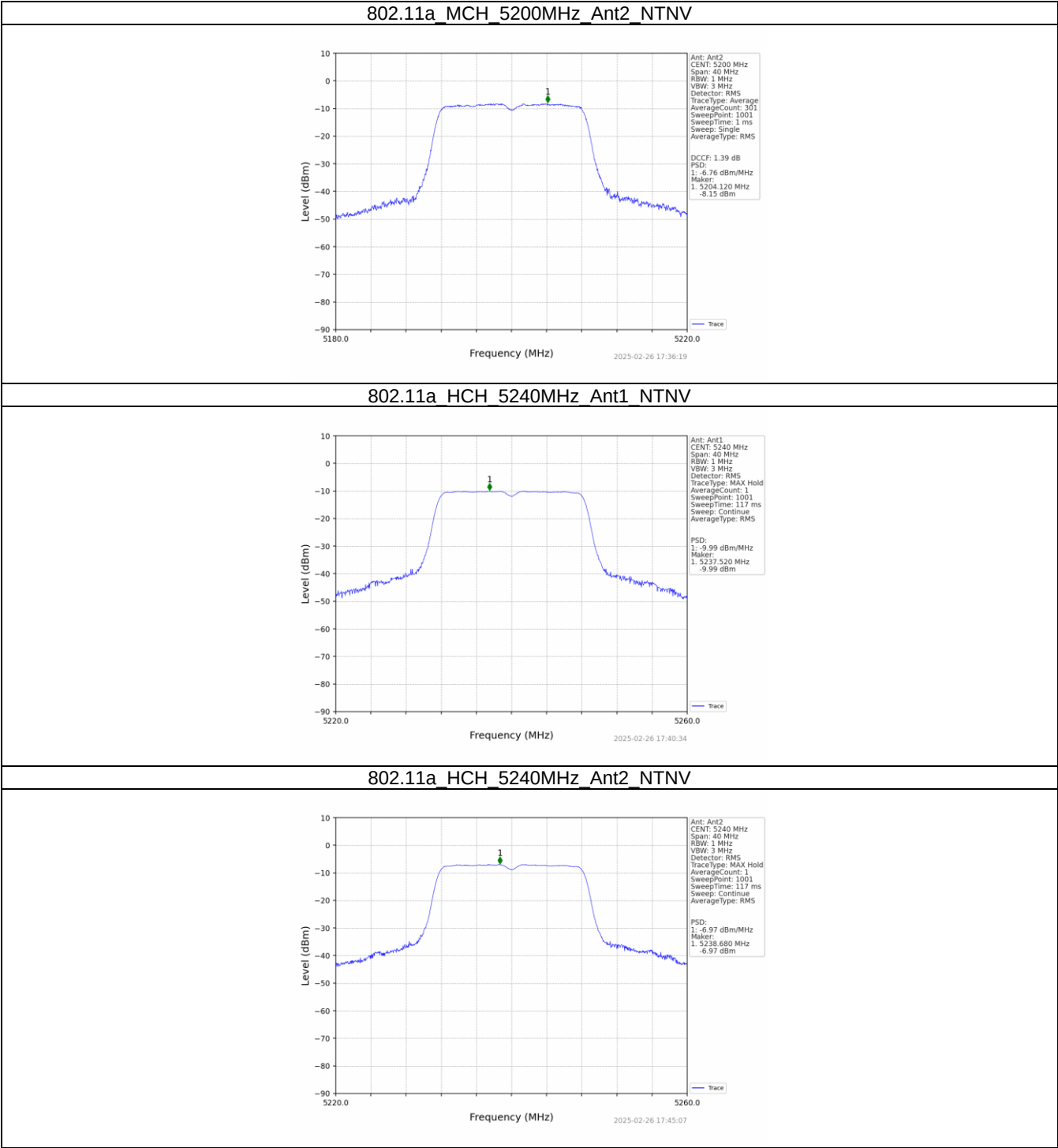


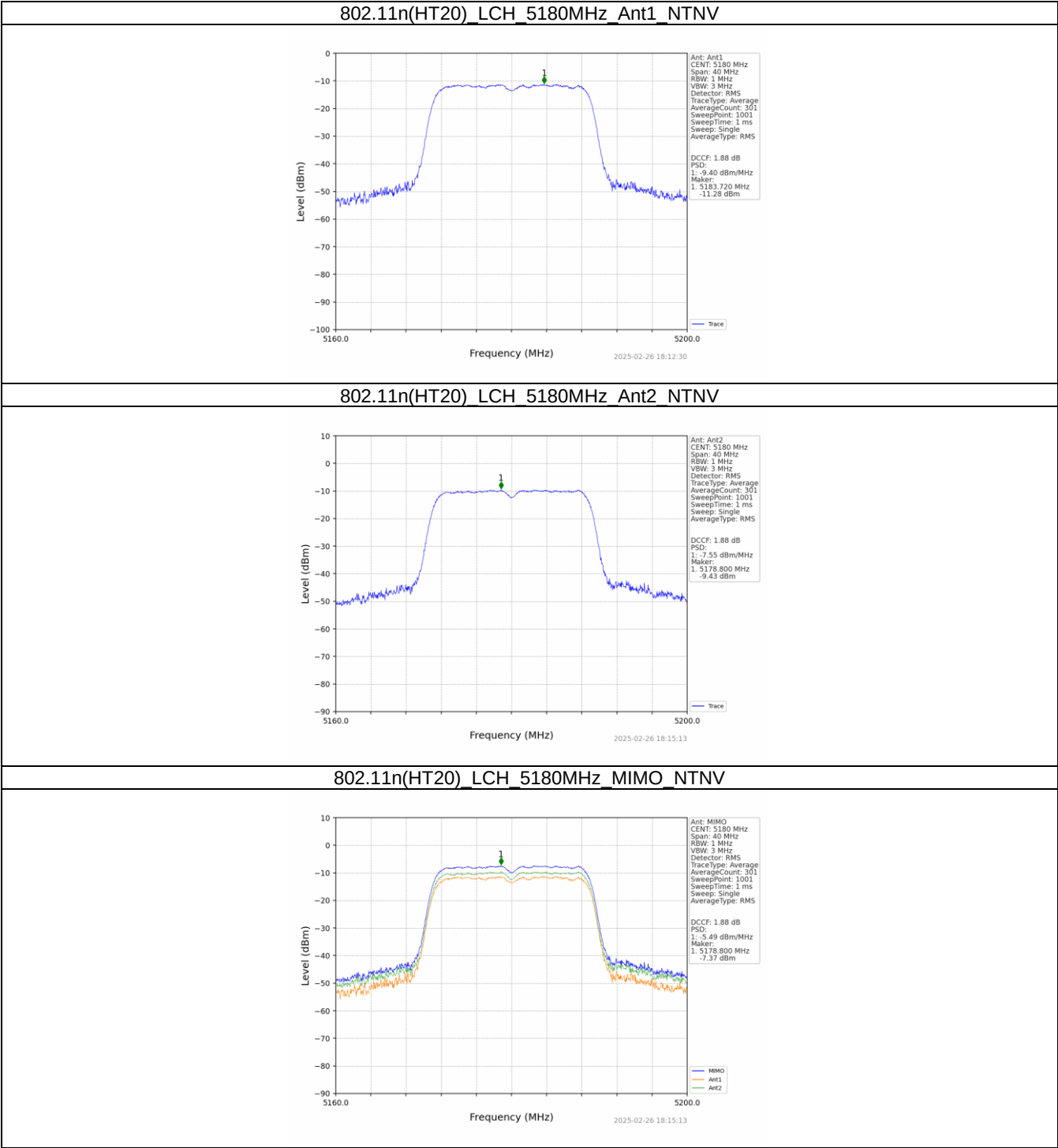


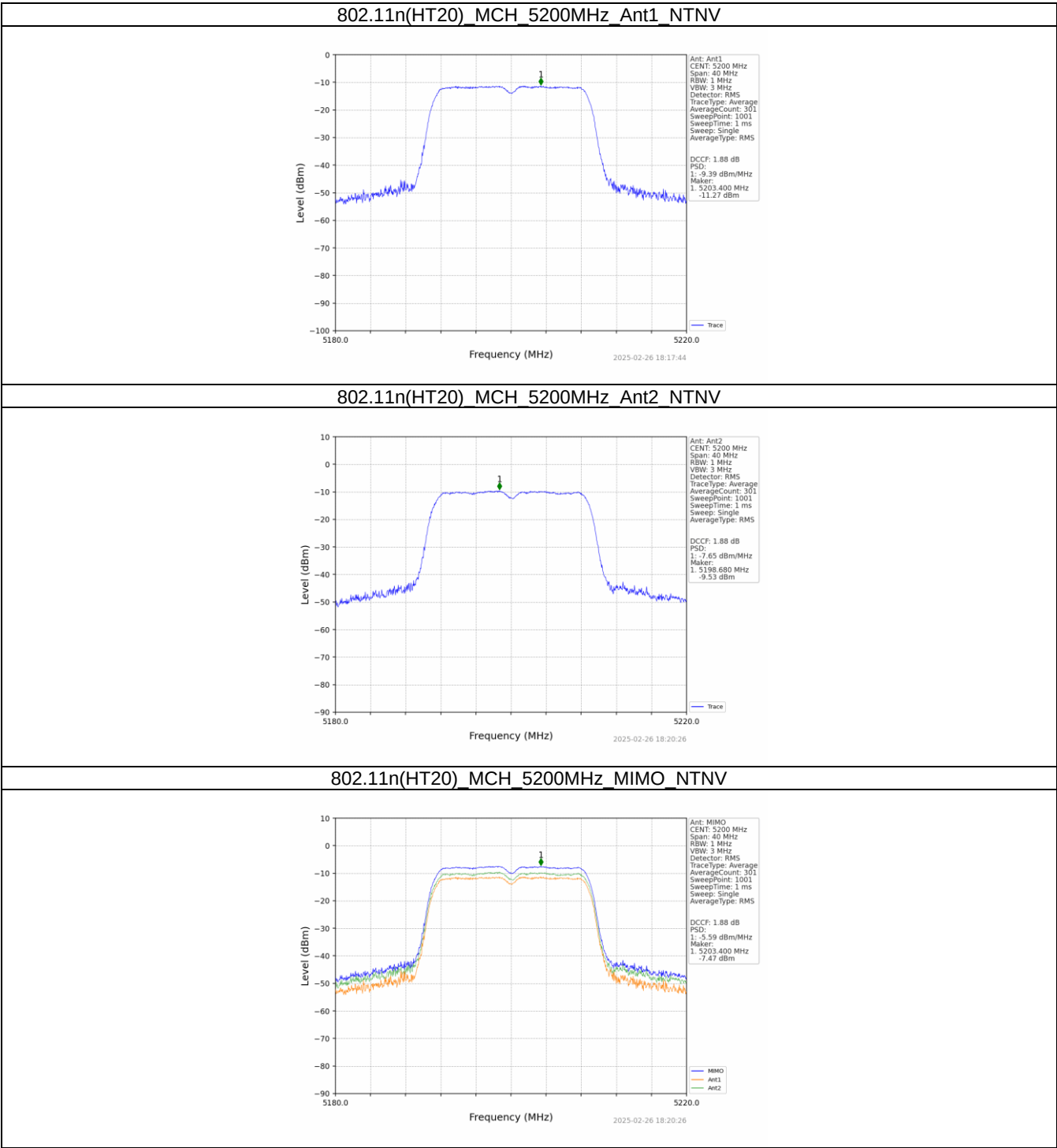


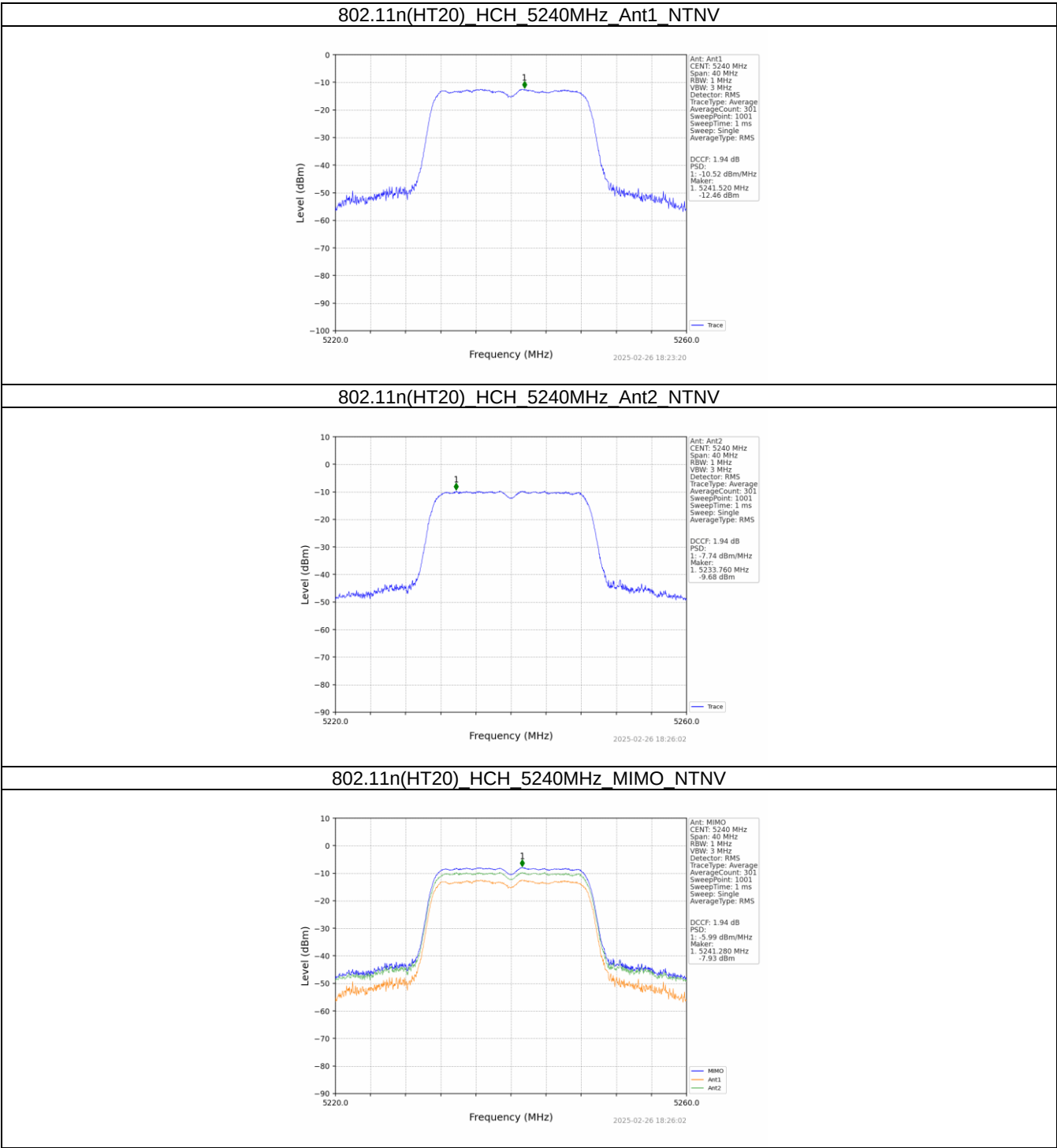
Module 1:

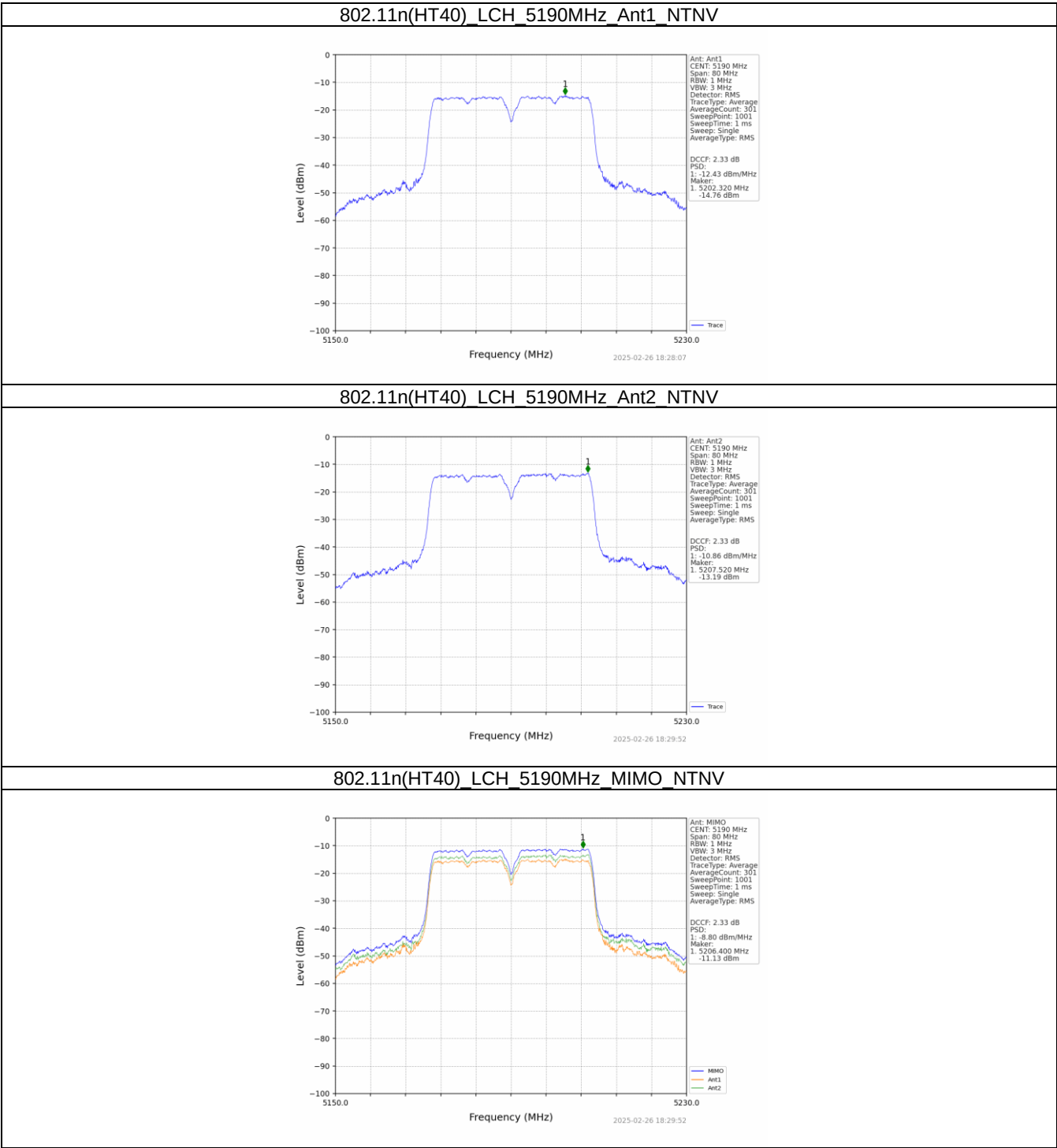


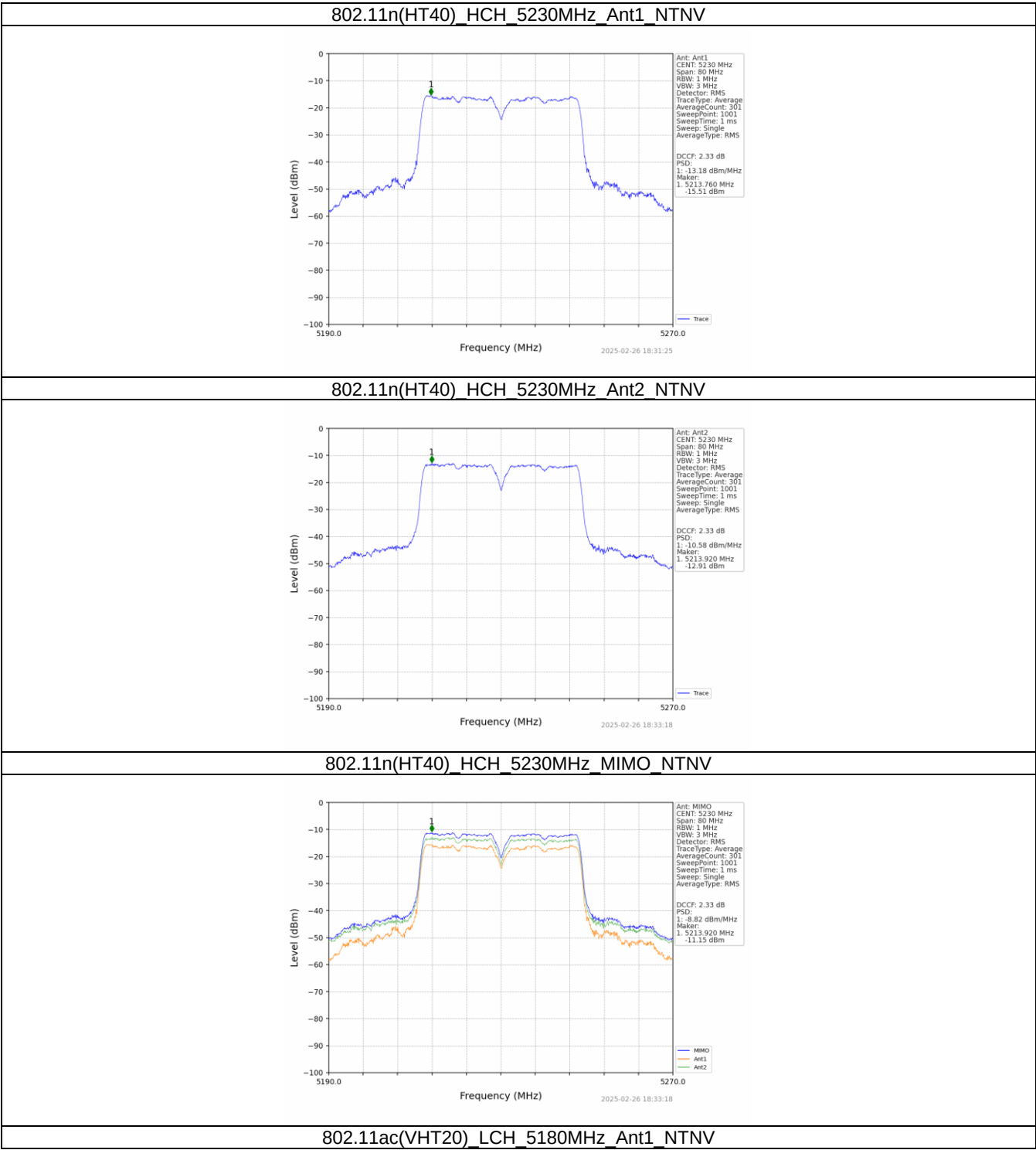


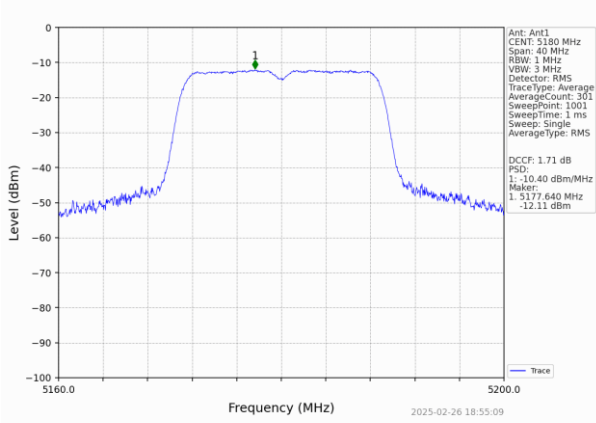




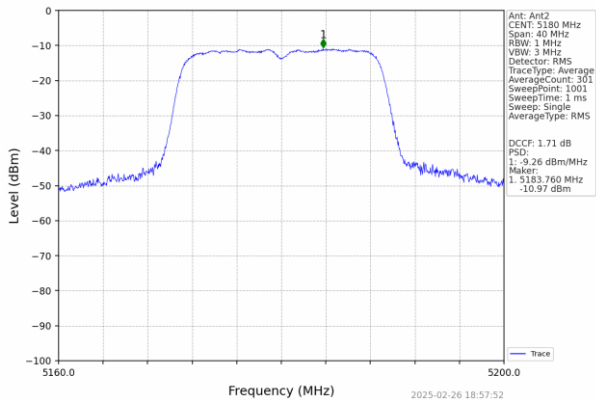




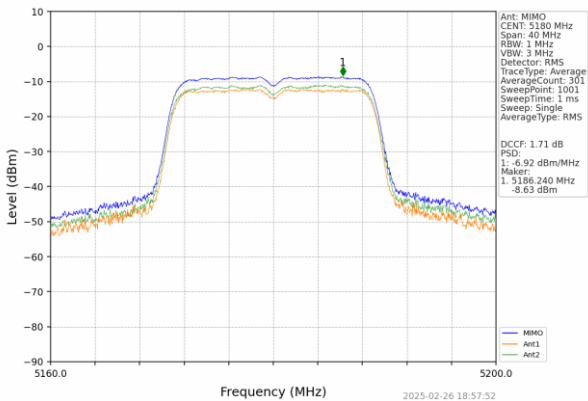


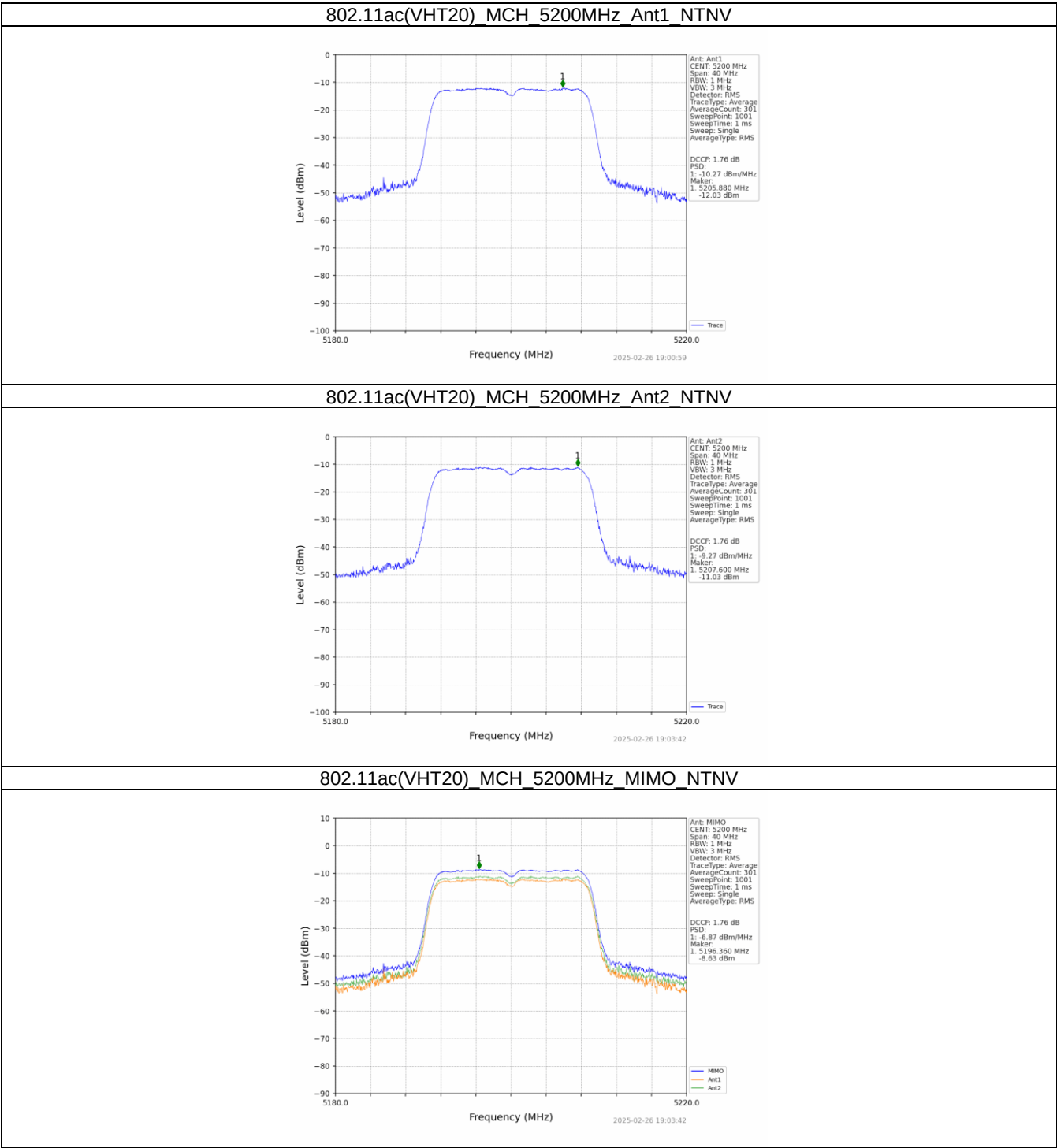


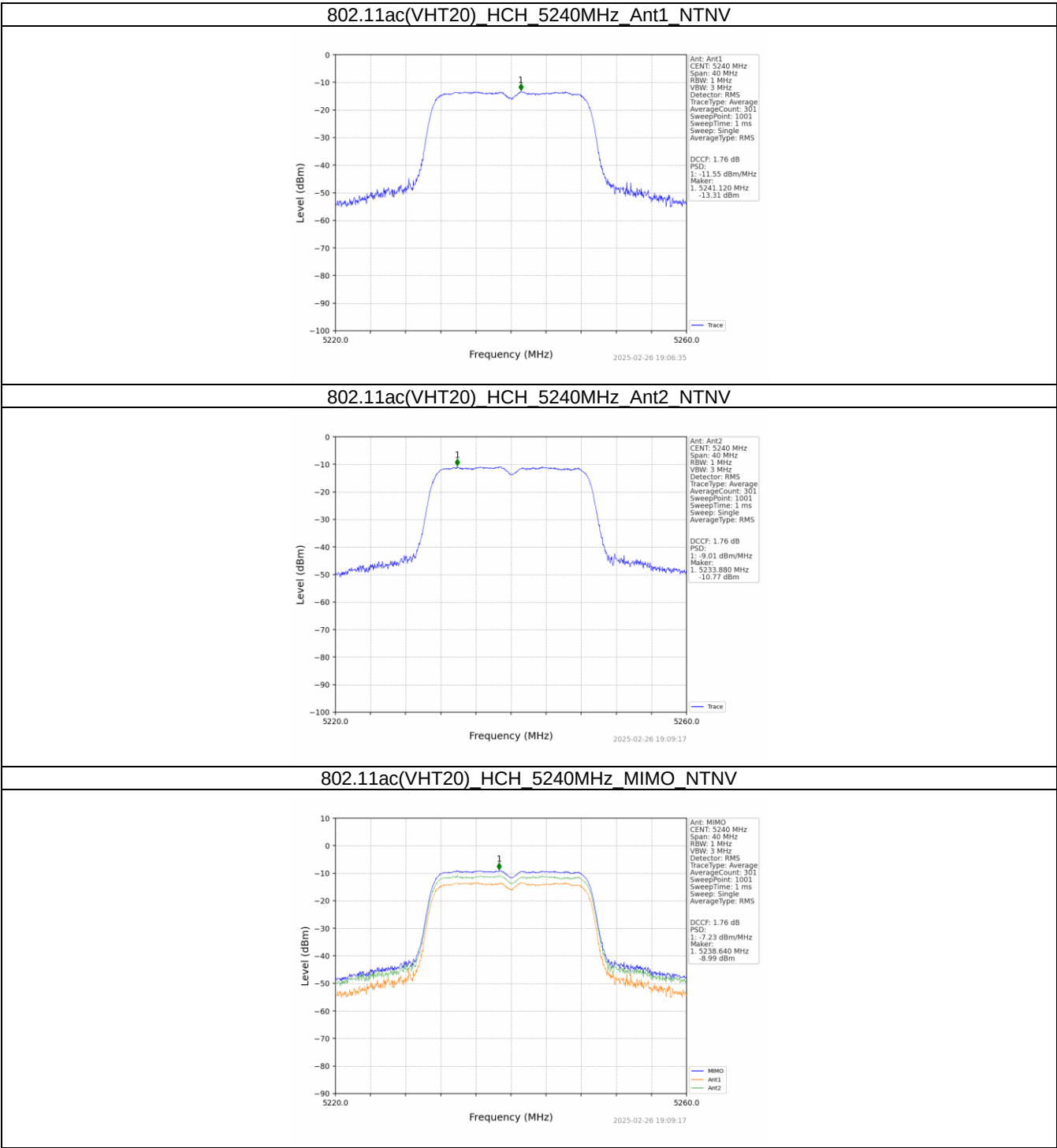
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

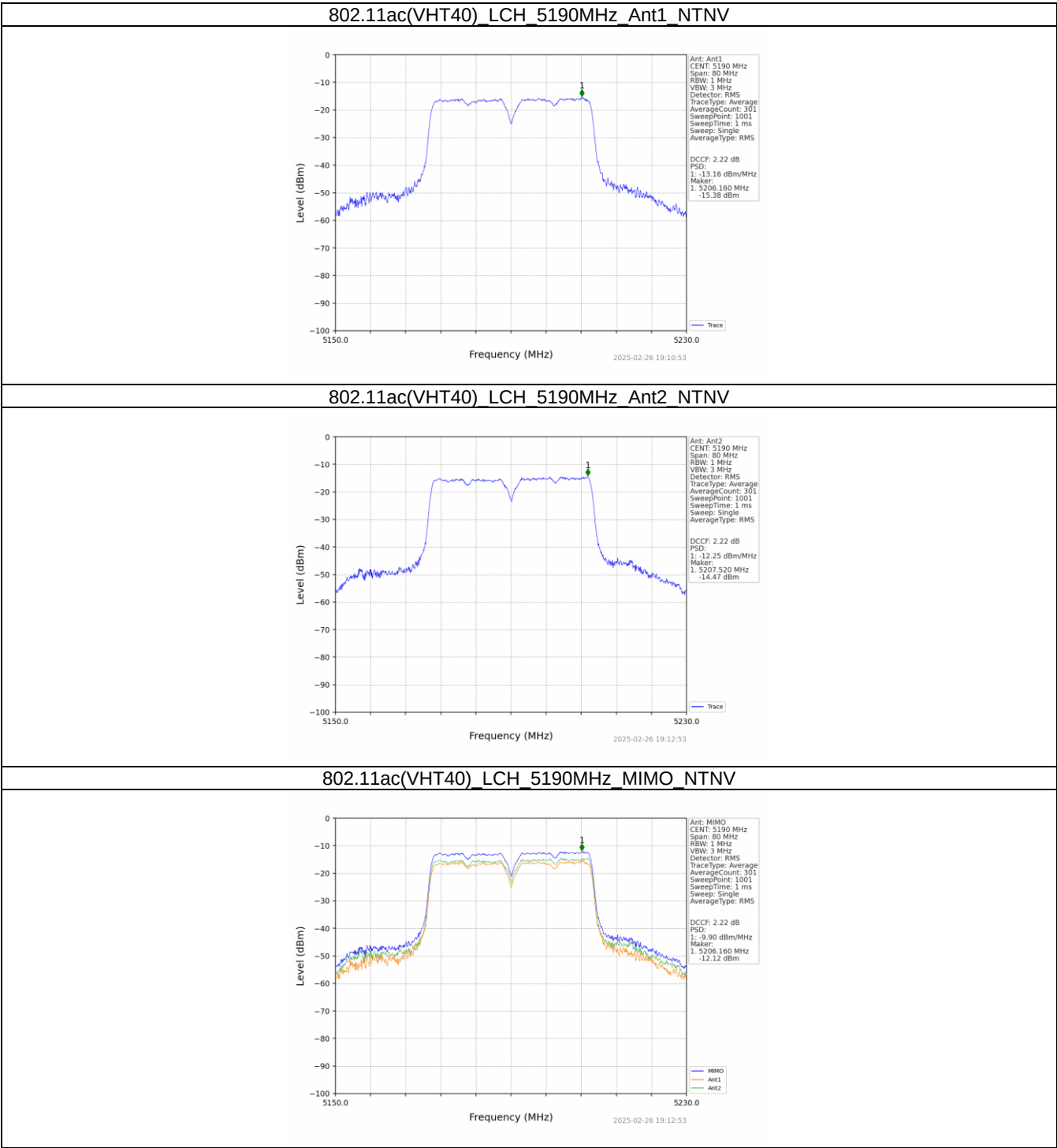


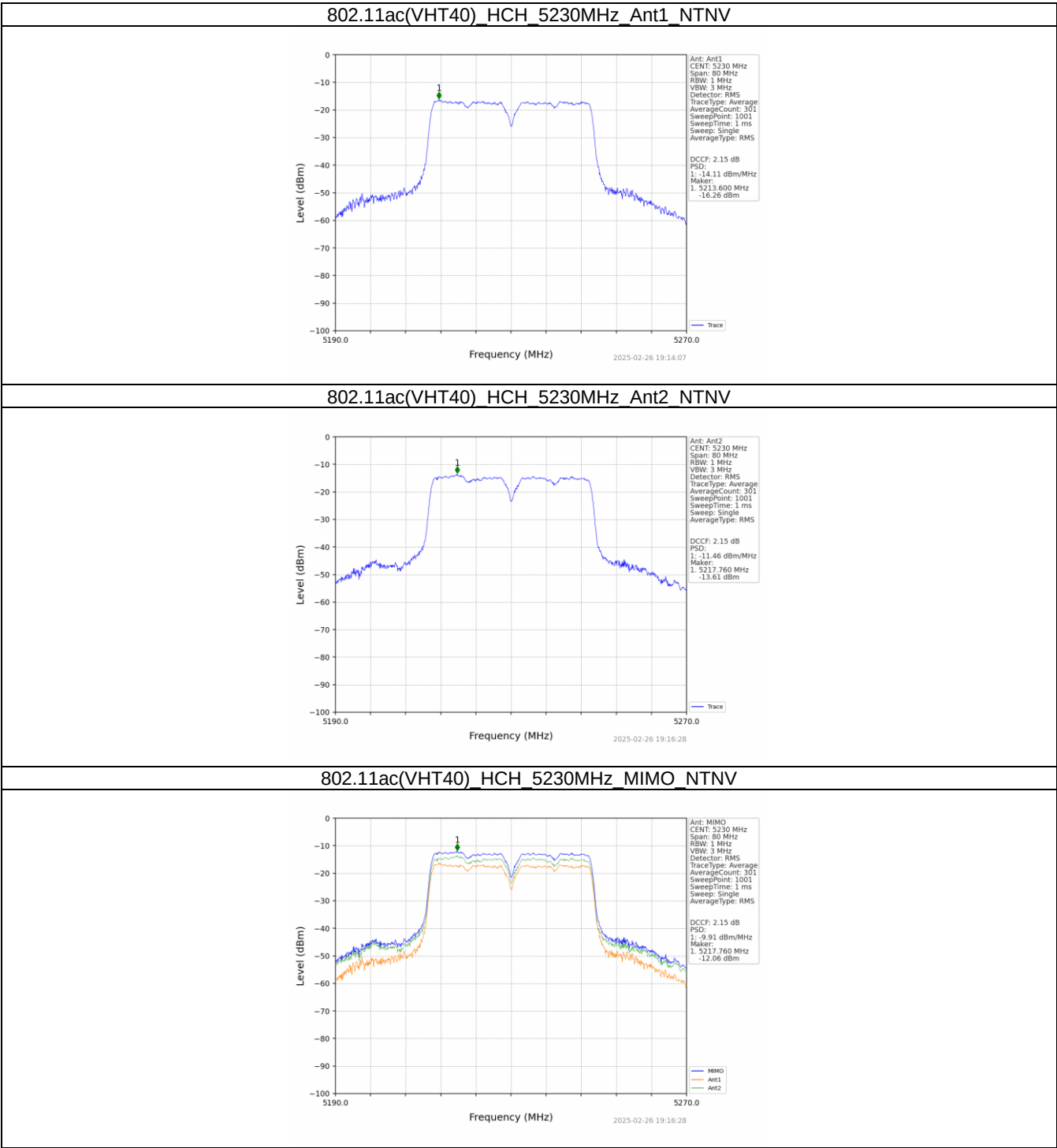
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV

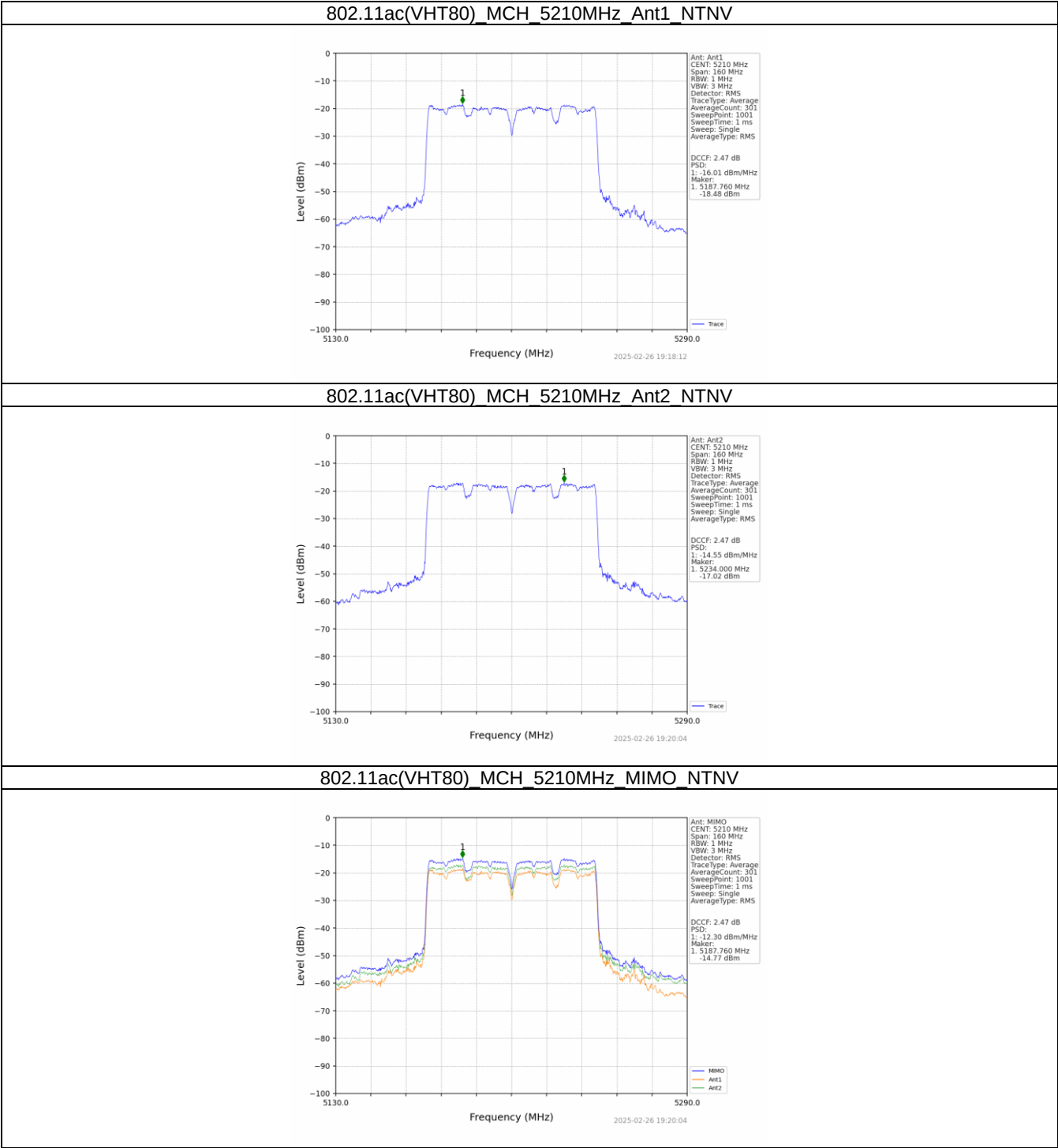


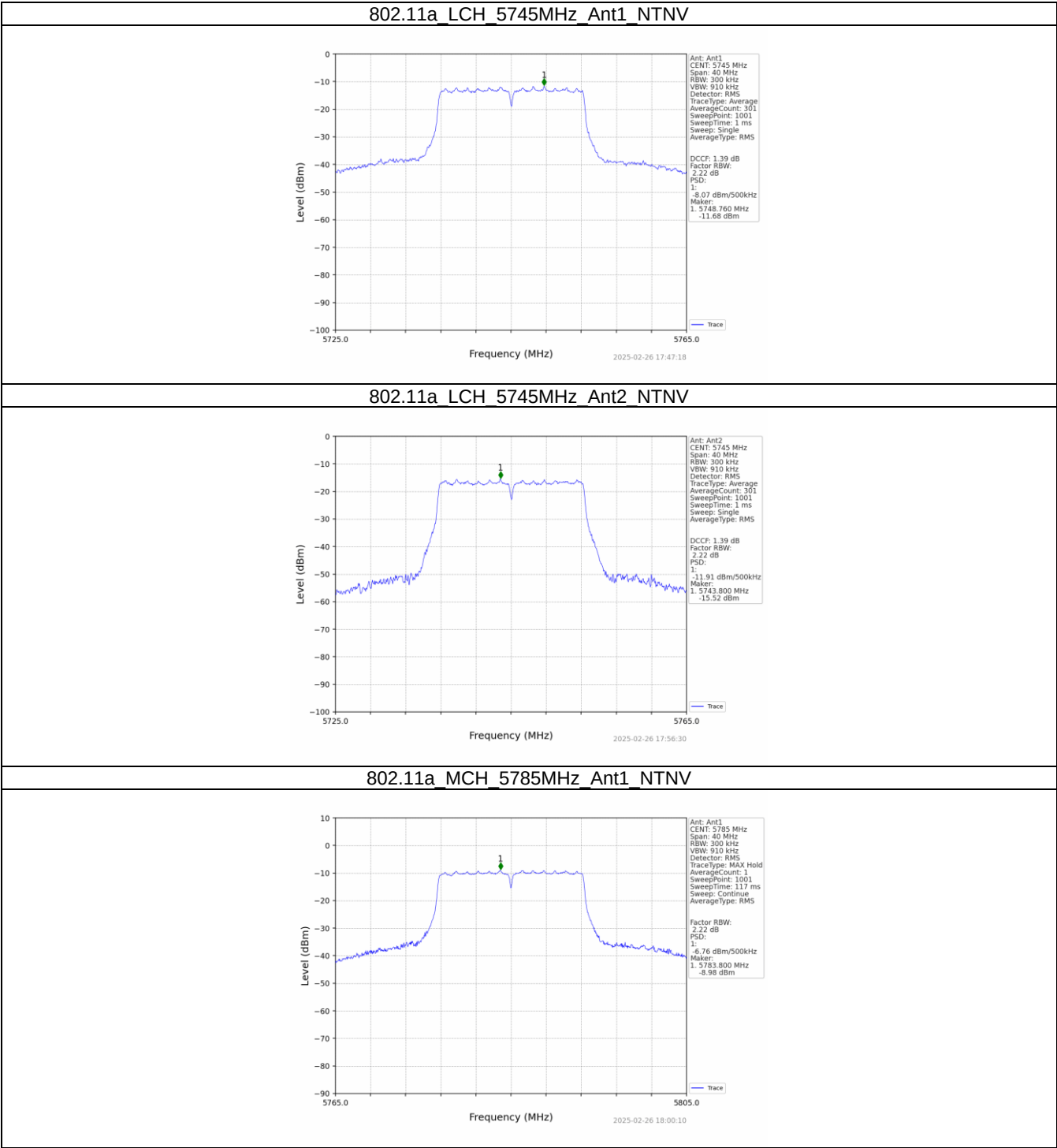


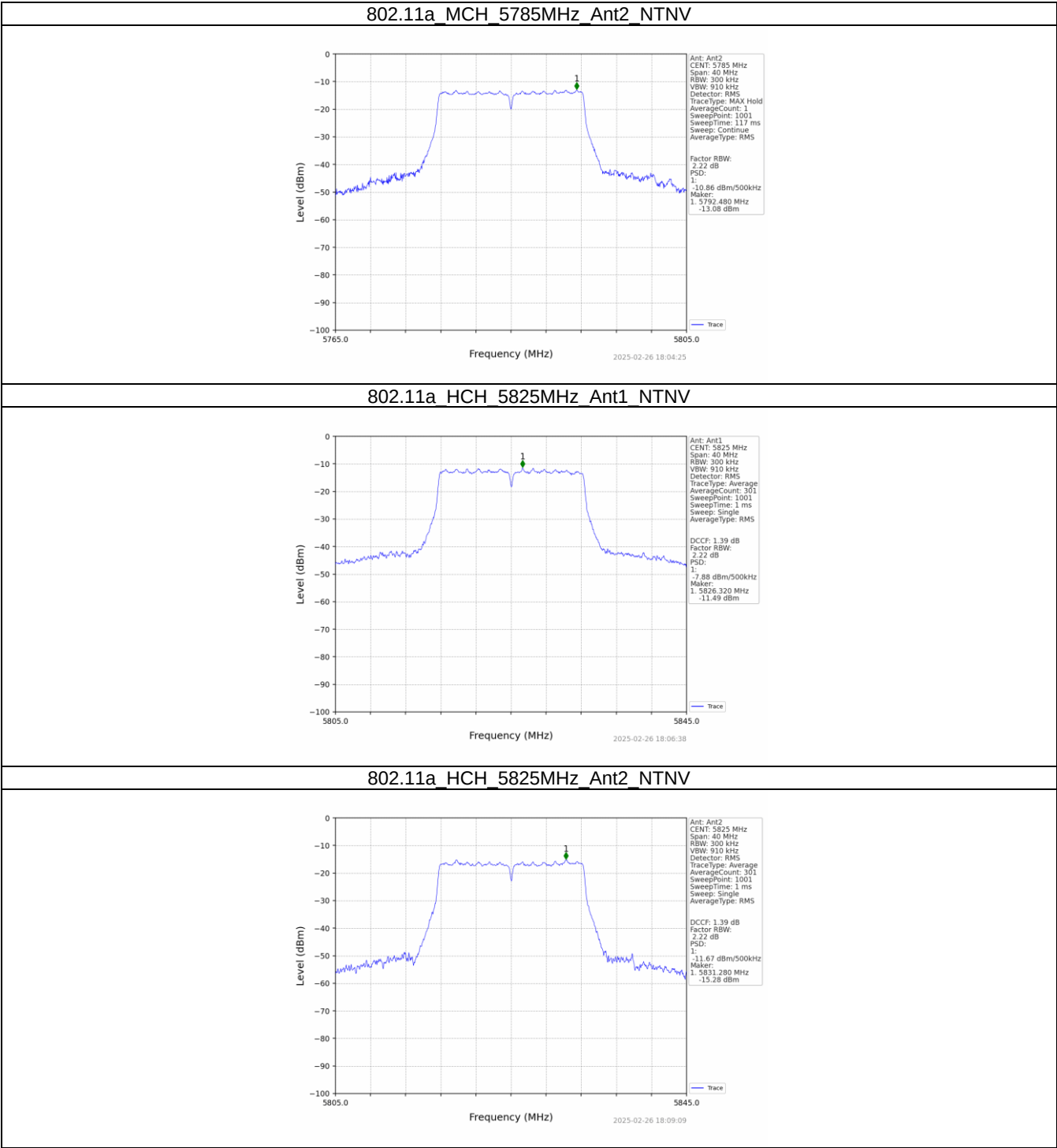


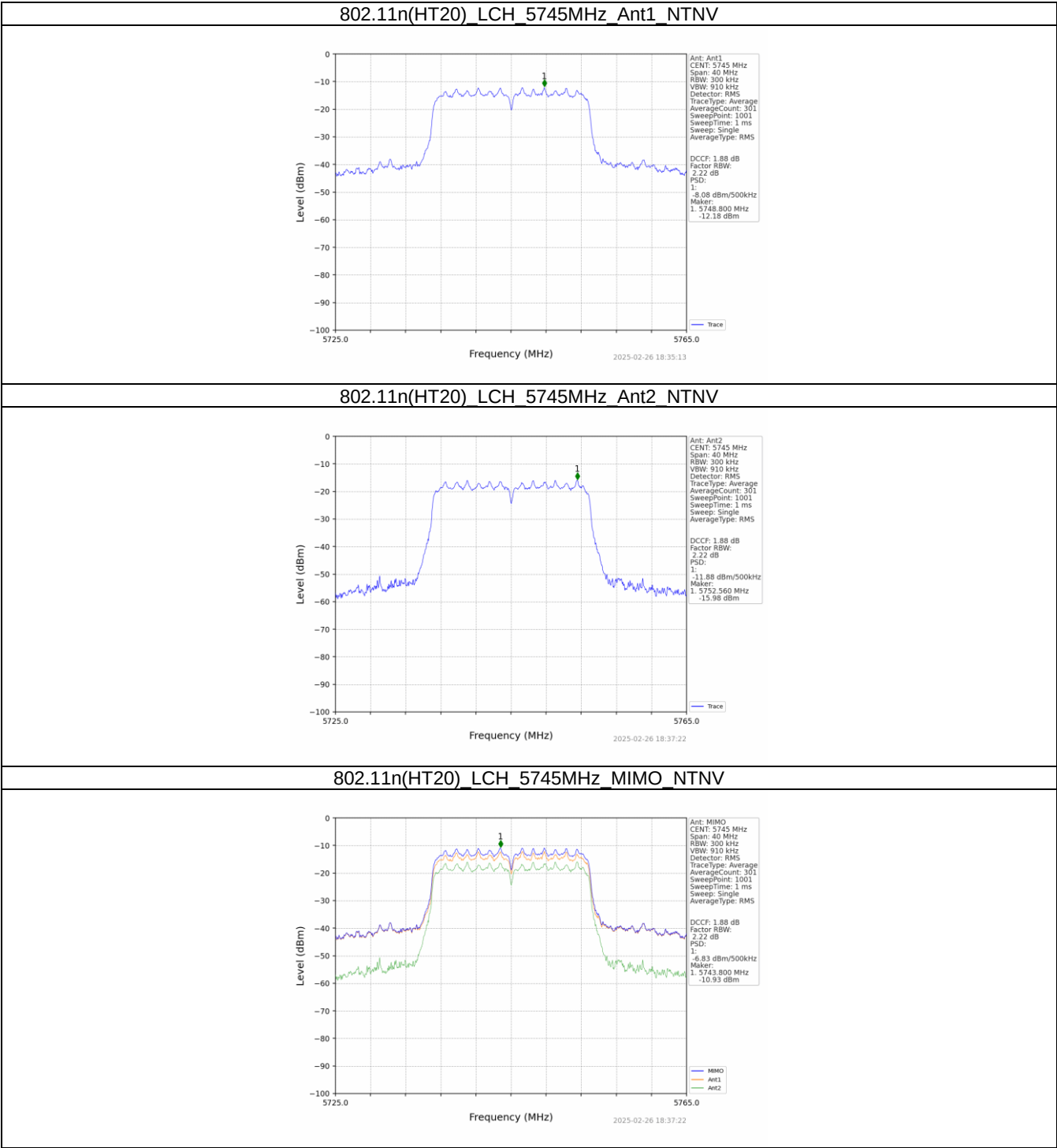


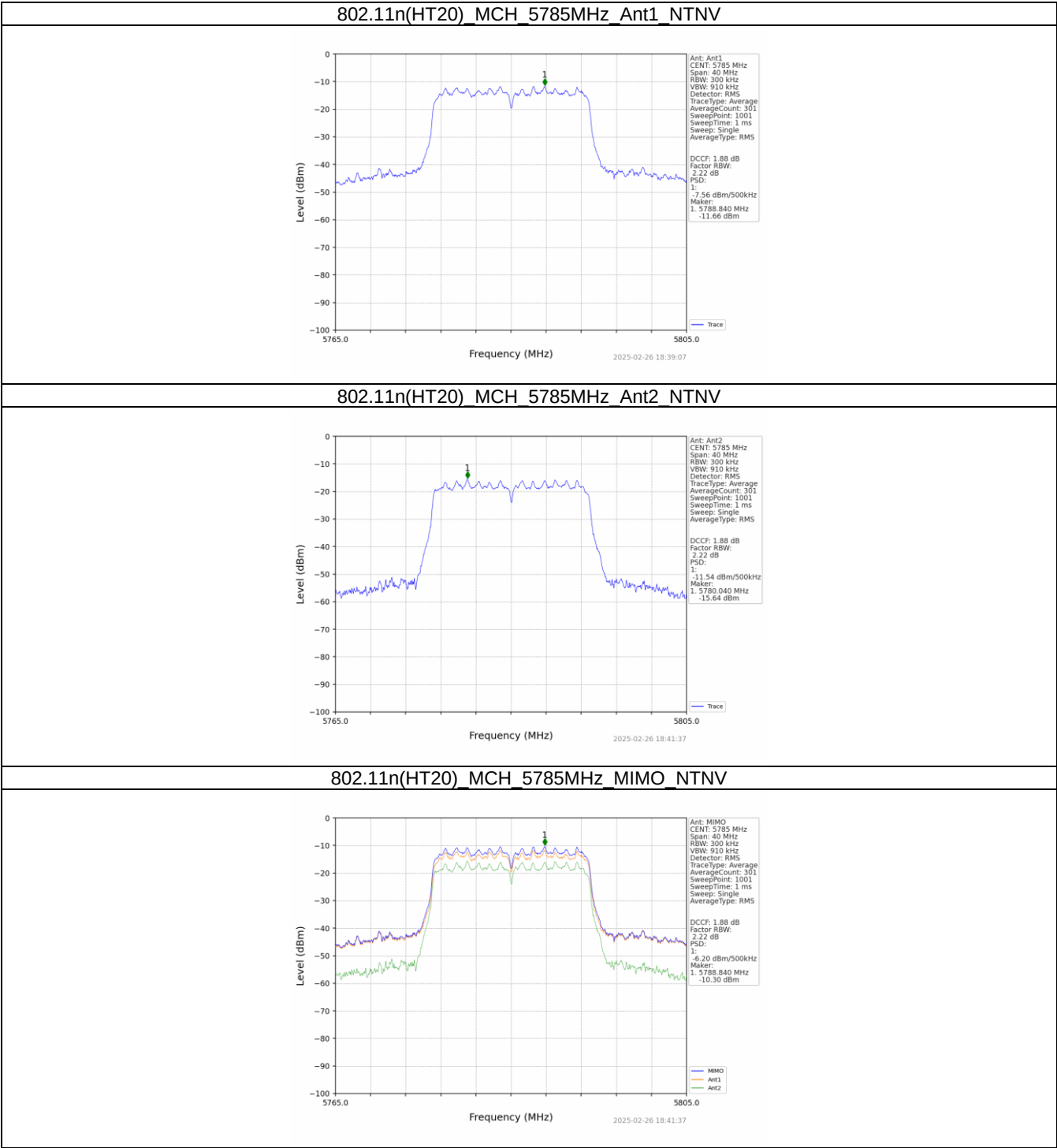


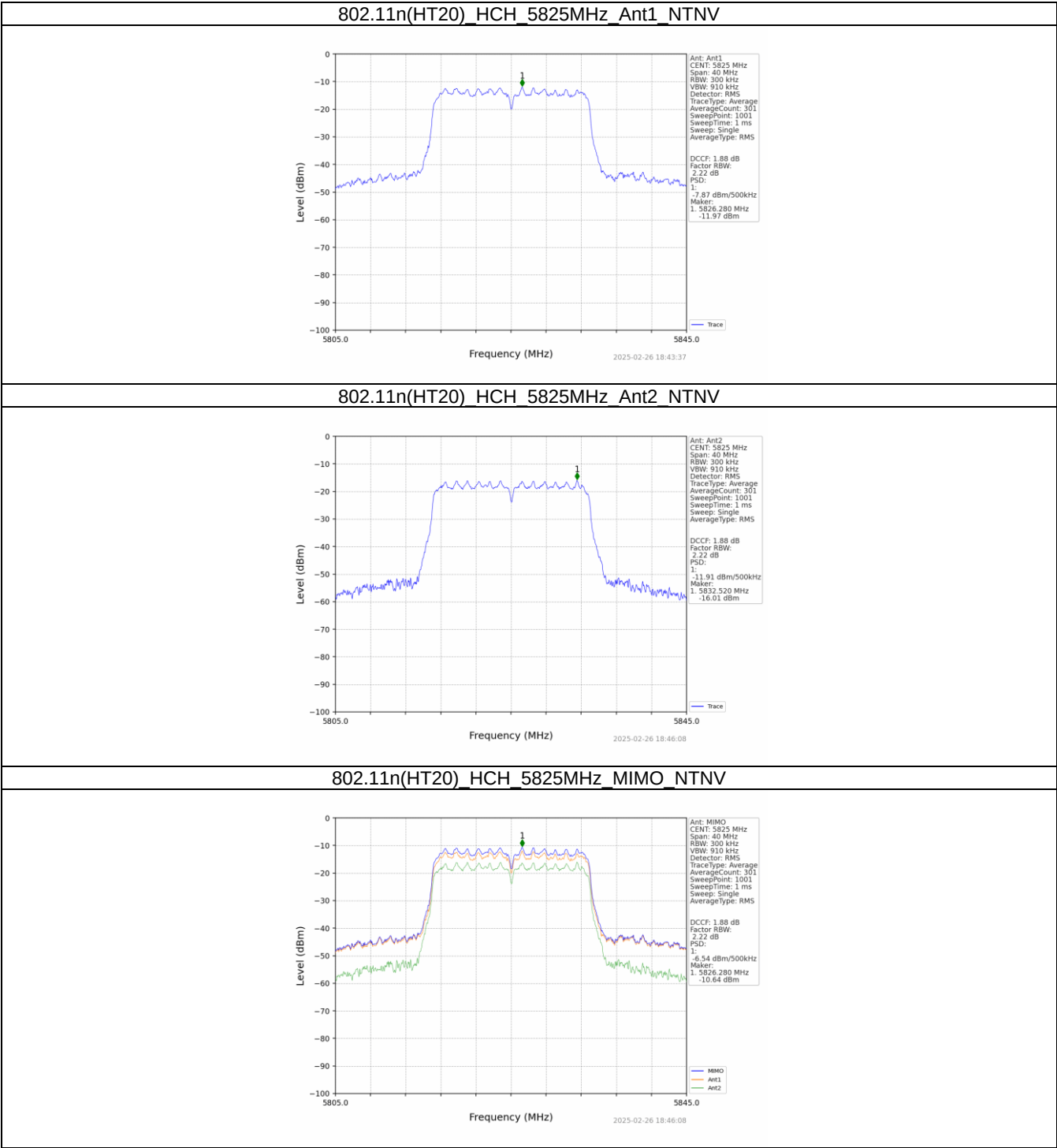


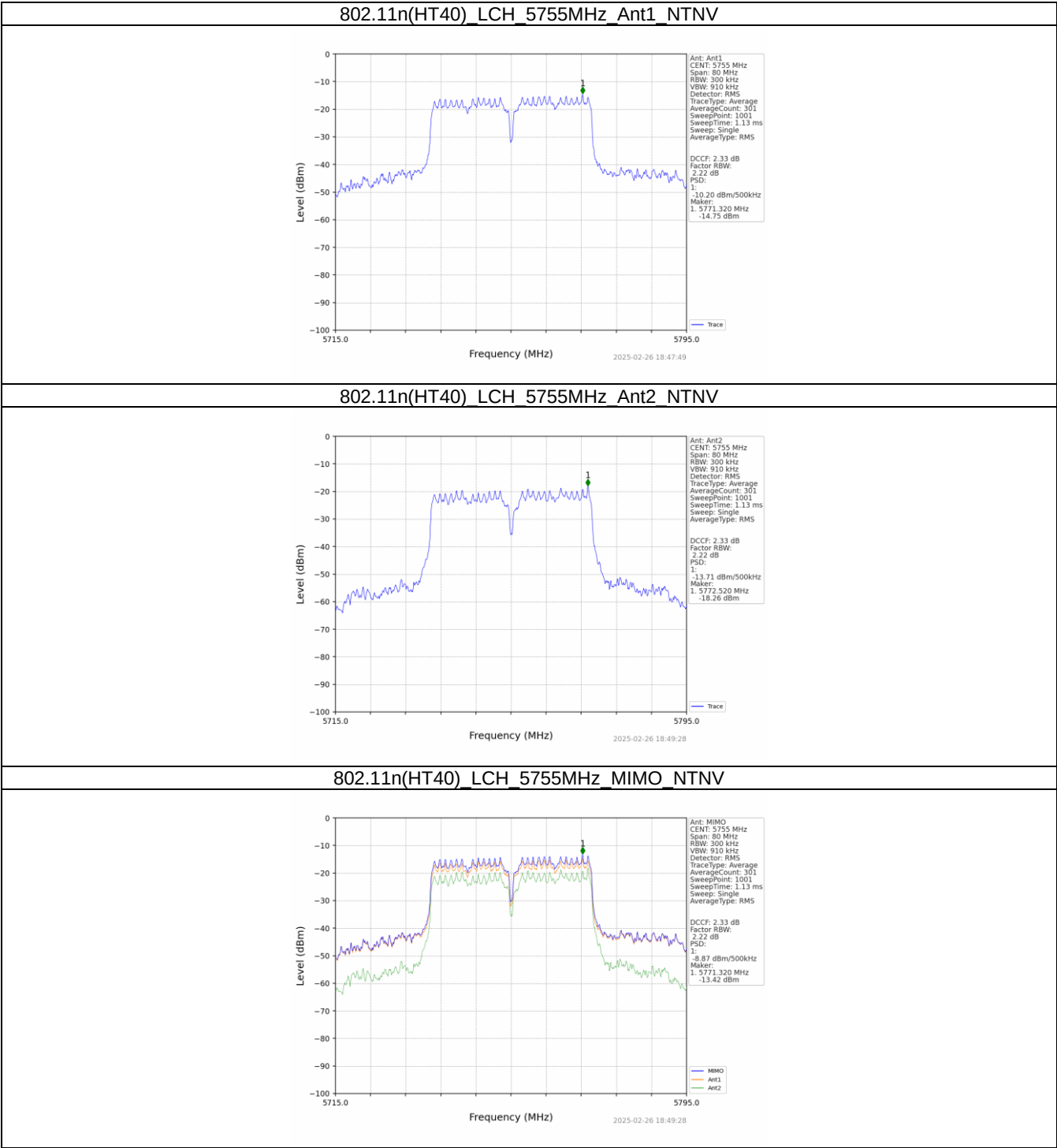


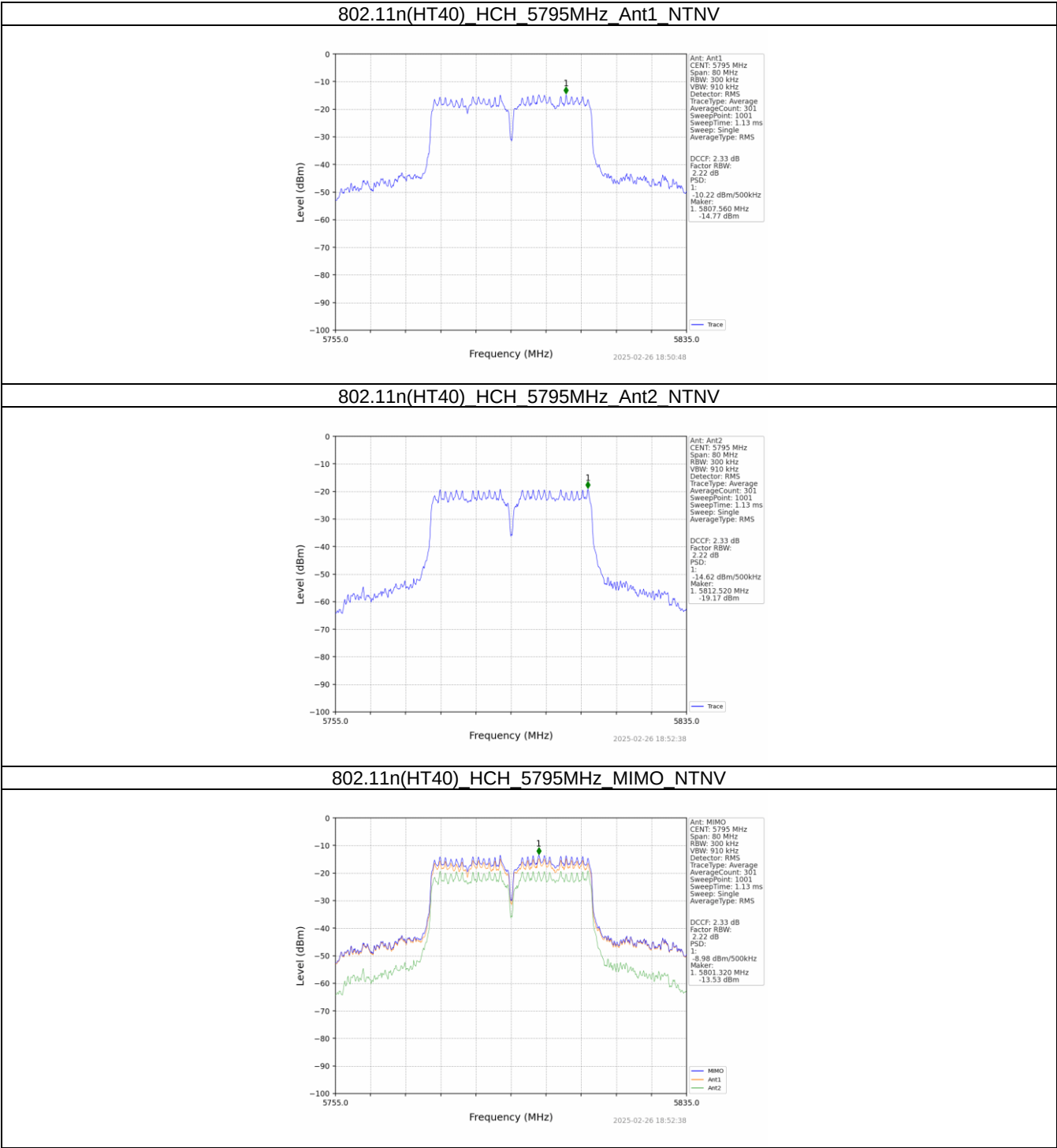


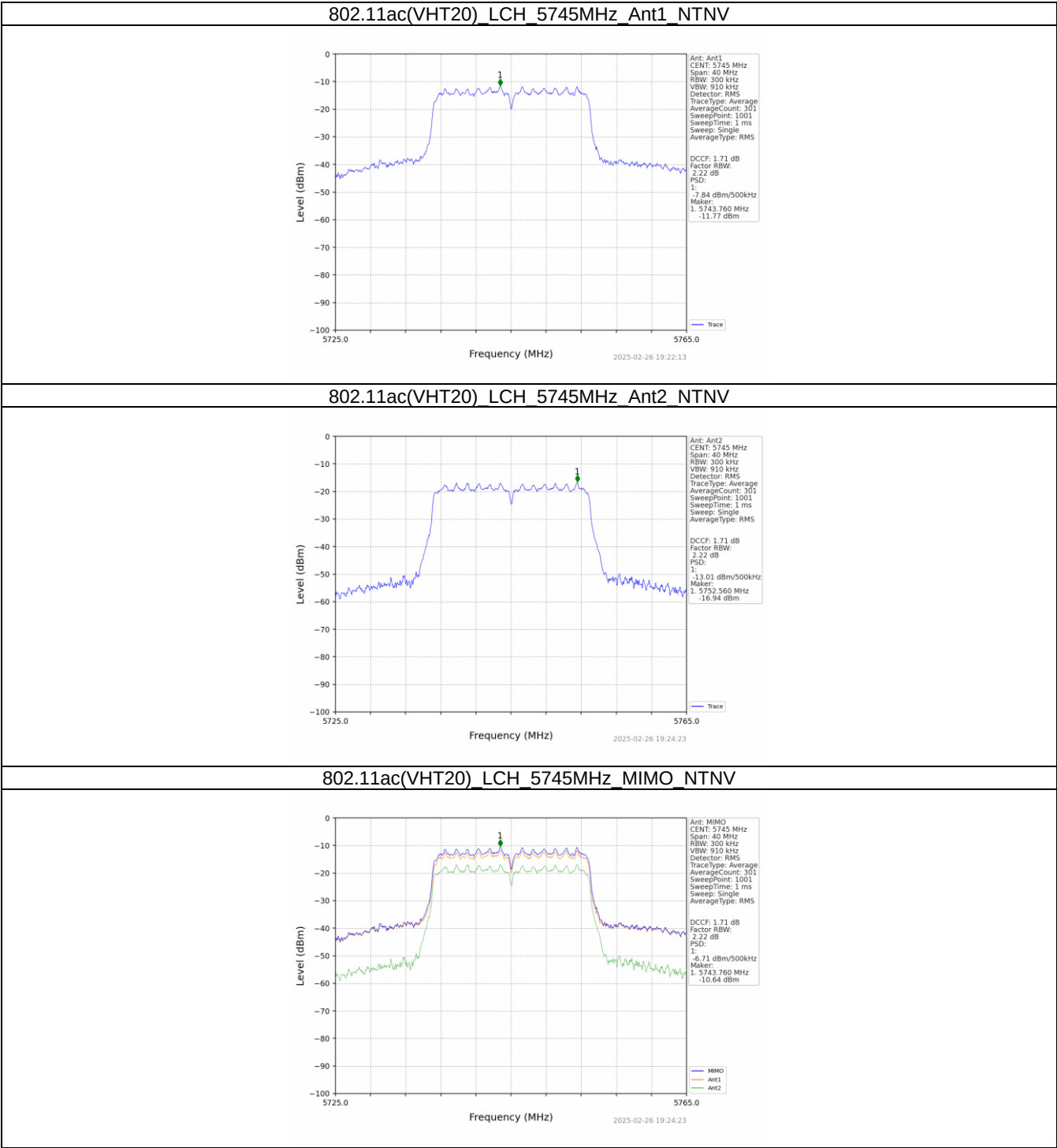


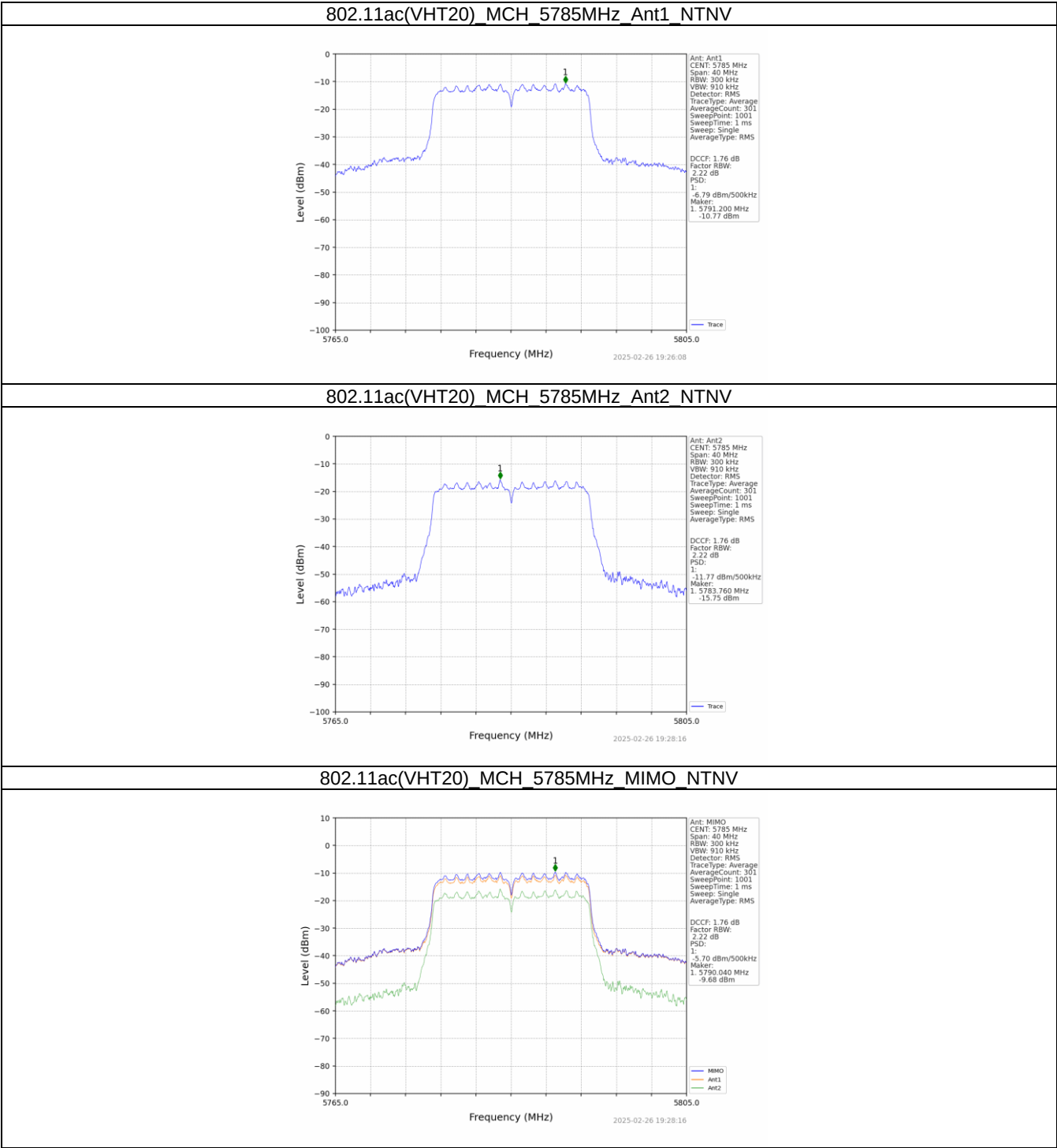


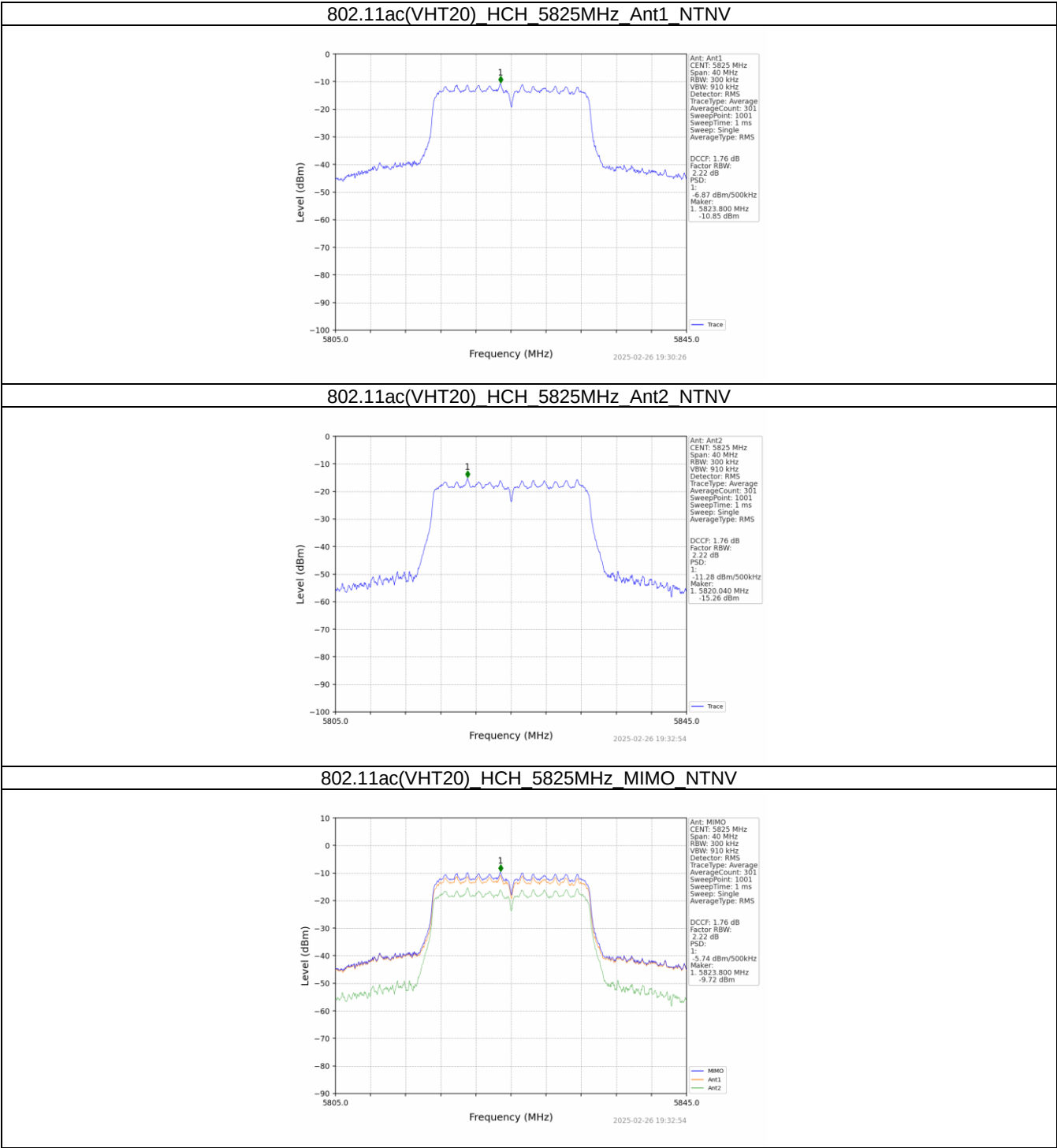


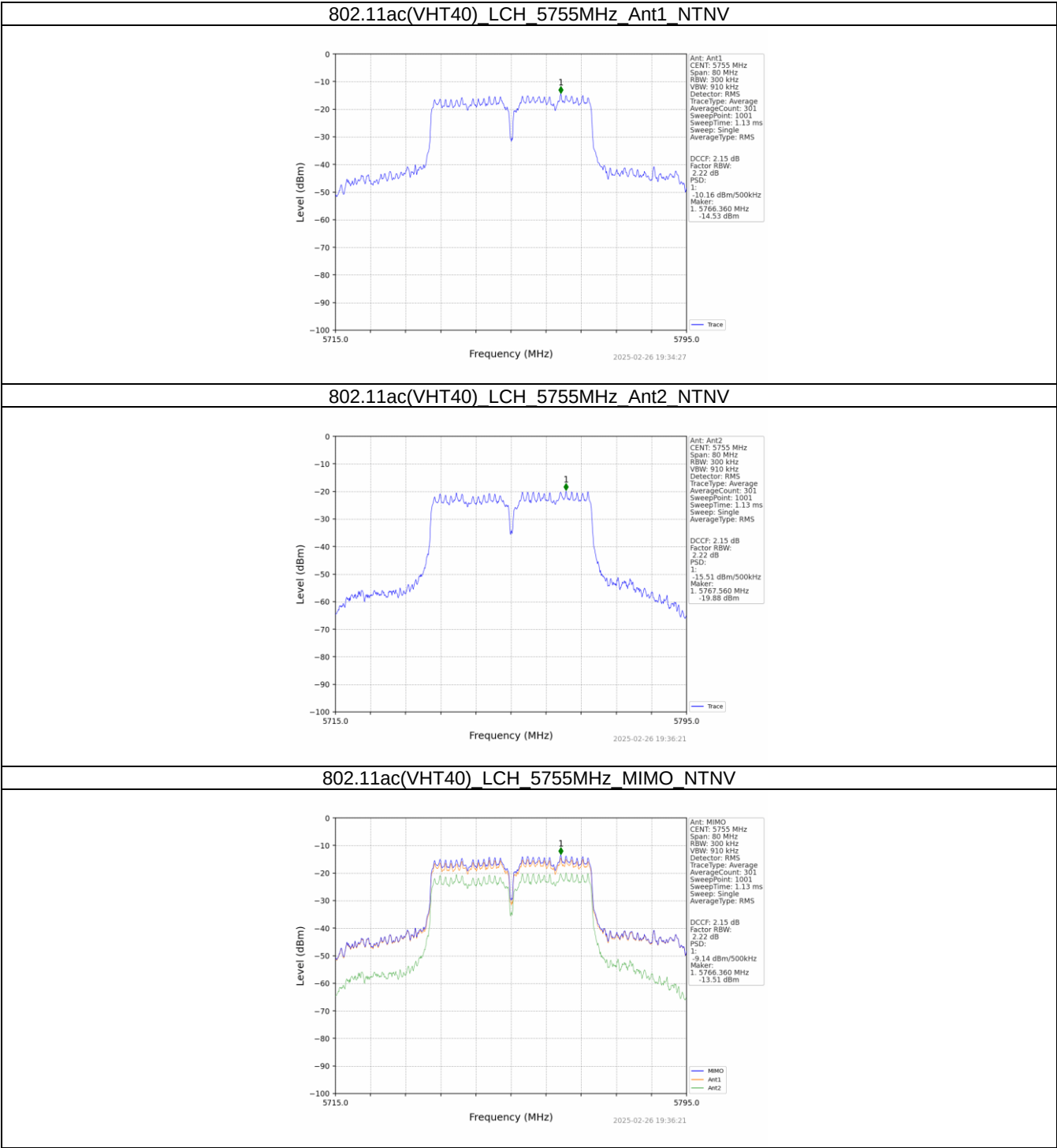


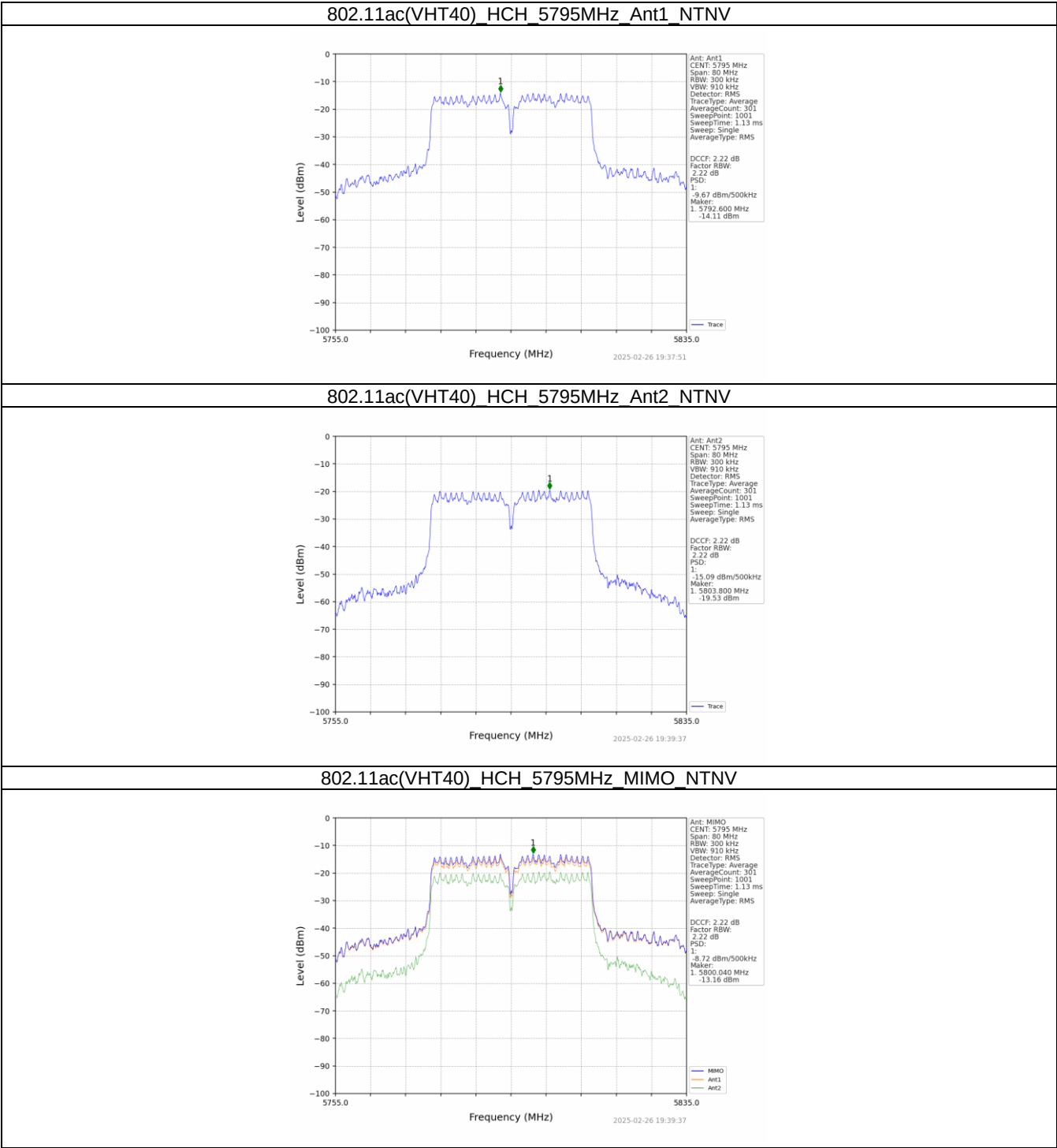


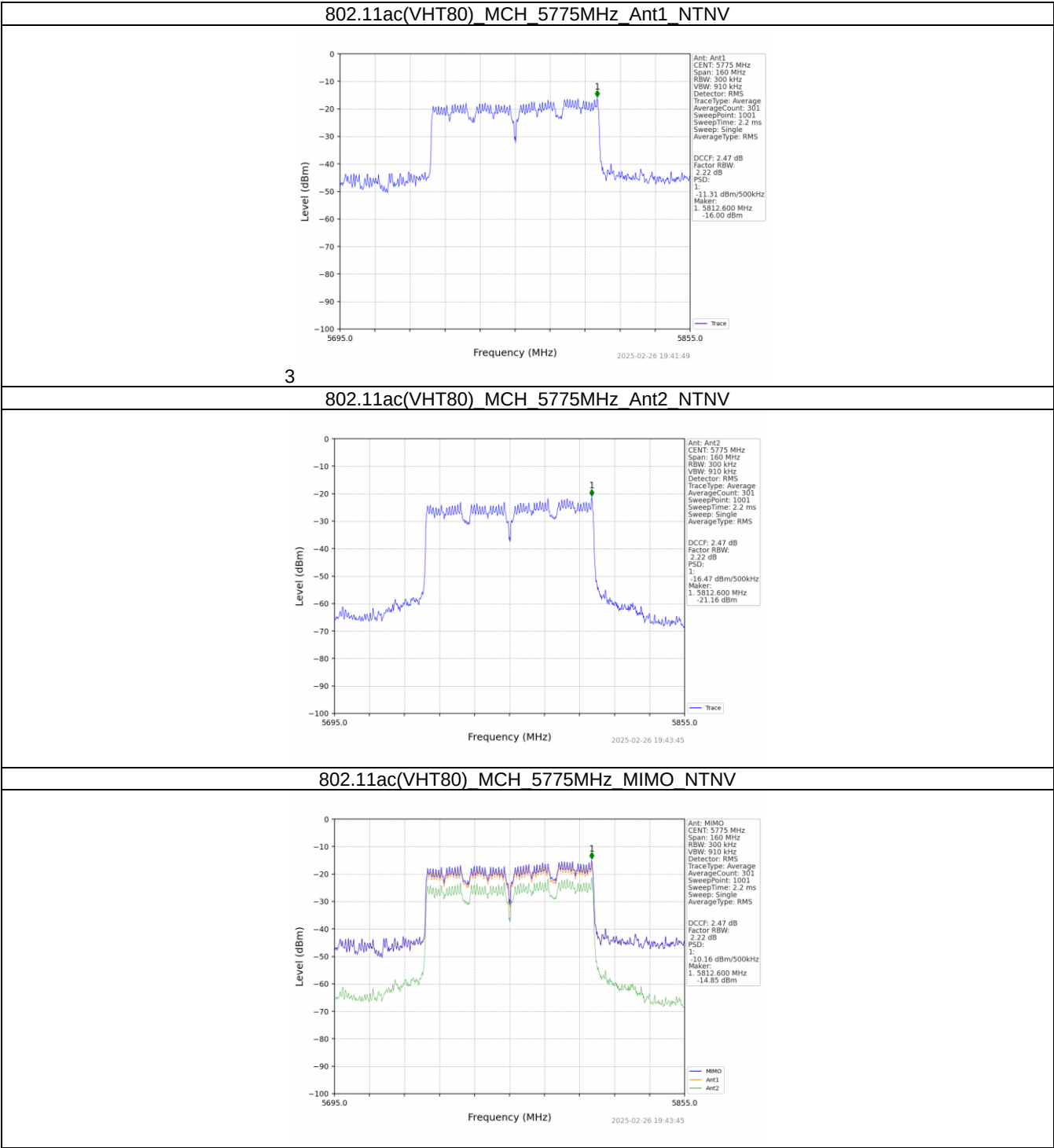












4.5 Emission Bandwidth (26dB Bandwidth)

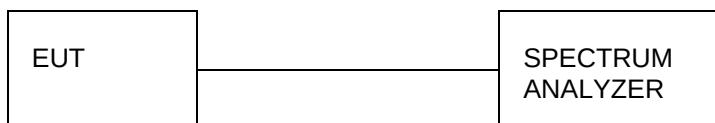
Limit

N/A

Test Procedure

1. Set resolution bandwidth (RBW) = approximately 1 % of the EBW.
2. Set the video bandwidth (VBW) > RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW / EBW ratio is approximately 1 %.

Test Configuration



Test Results

Module 1:

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	24.874	/	Pass
			2	27.884	/	Pass
		5200	1	26.178	/	Pass
			2	26.118	/	Pass
		5240	1	23.765	/	Pass
			2	27.529	/	Pass
802.11n (HT20)	MIMO	5180	1	24.547	/	Pass
			2	24.973	/	Pass
		5200	1	27.019	/	Pass
			2	29.533	/	Pass
		5240	1	27.030	/	Pass
			2	29.359	/	Pass
802.11n (HT40)	MIMO	5190	1	48.682	/	Pass
			2	40.341	/	Pass
		5230	1	48.783	/	Pass
			2	42.823	/	Pass
802.11ac (VHT20)	MIMO	5180	1	30.378	/	Pass
			2	25.974	/	Pass
		5200	1	27.949	/	Pass
			2	26.014	/	Pass
		5240	1	28.437	/	Pass
			2	28.097	/	Pass
802.11ac (VHT40)	MIMO	5190	1	49.394	/	Pass
			2	46.920	/	Pass
		5230	1	45.376	/	Pass
			2	45.272	/	Pass
802.11ac (VHT80)	MIMO	5210	1	86.213	/	Pass
			2	84.728	/	Pass

Module 2:

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.211	/	Pass
			2	23.721	/	Pass
		5200	1	24.402	/	Pass
			2	24.979	/	Pass
		5240	1	25.714	/	Pass
			2	27.950	/	Pass
802.11n (HT20)	MIMO	5180	1	24.262	/	Pass
			2	27.727	/	Pass
		5200	1	27.413	/	Pass
			2	28.614	/	Pass
		5240	1	25.356	/	Pass
			2	26.130	/	Pass
802.11n (HT40)	MIMO	5190	1	46.934	/	Pass
			2	40.703	/	Pass
		5230	1	40.664	/	Pass
			2	50.235	/	Pass
802.11ac (VHT20)	MIMO	5180	1	28.930	/	Pass
			2	25.456	/	Pass
		5200	1	29.361	/	Pass
			2	25.902	/	Pass
		5240	1	29.140	/	Pass
			2	25.846	/	Pass
802.11ac (VHT40)	MIMO	5190	1	53.321	/	Pass
			2	46.997	/	Pass
		5230	1	44.703	/	Pass
			2	42.809	/	Pass
802.11ac (VHT80)	MIMO	5210	1	85.373	/	Pass
			2	85.822	/	Pass

Test plot as follows:

Module 1:
26dB Bandwidth

