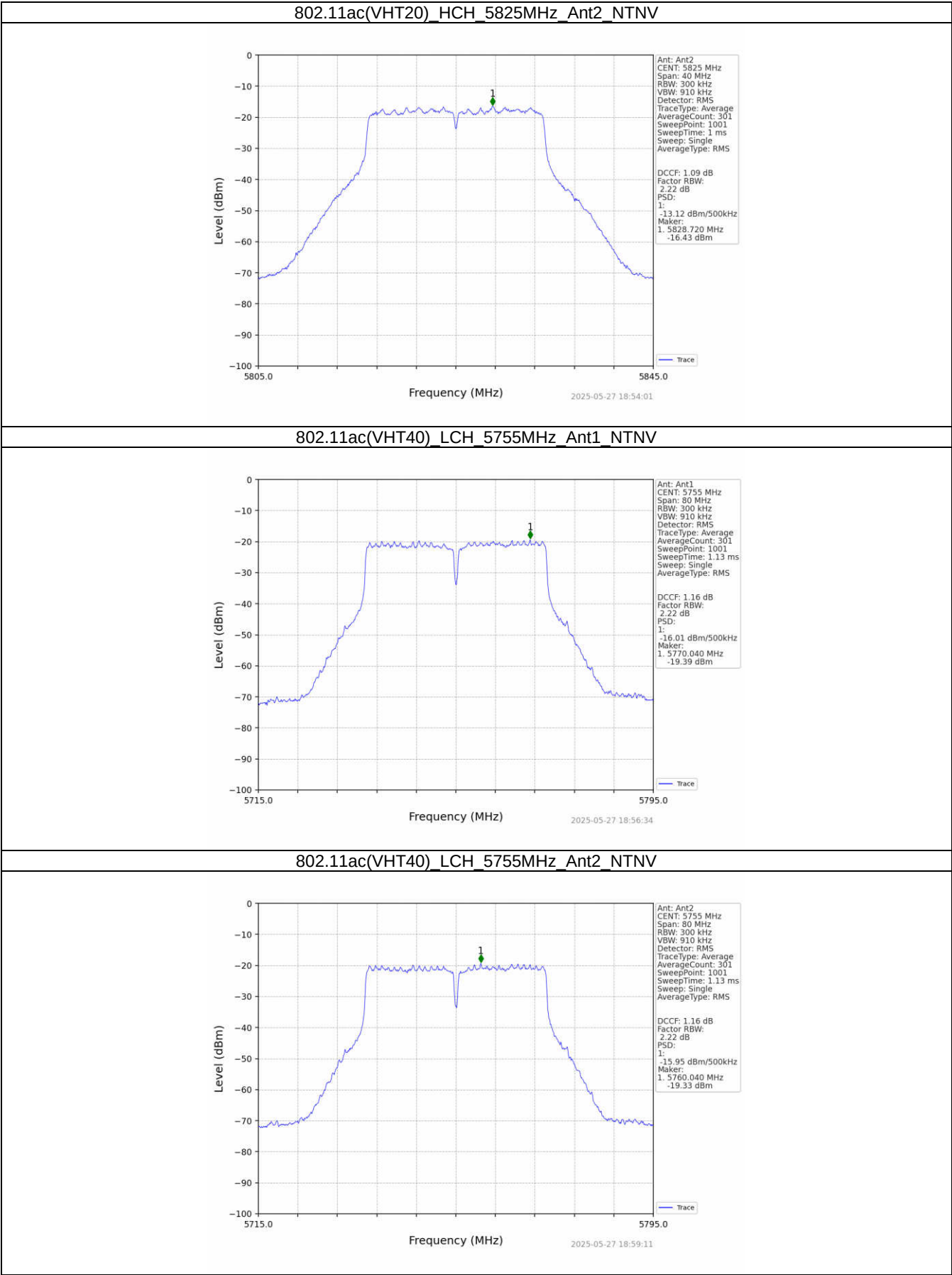
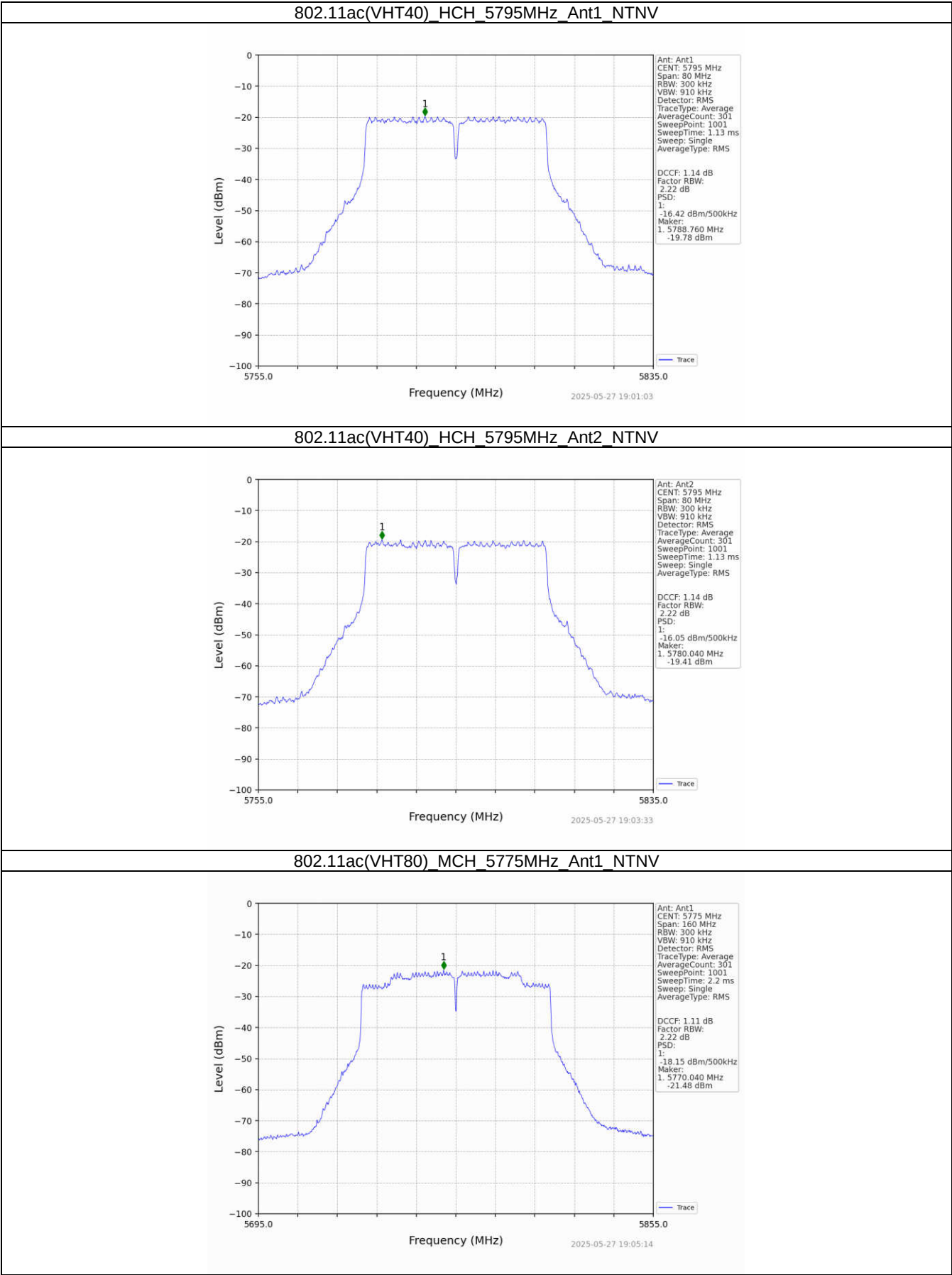
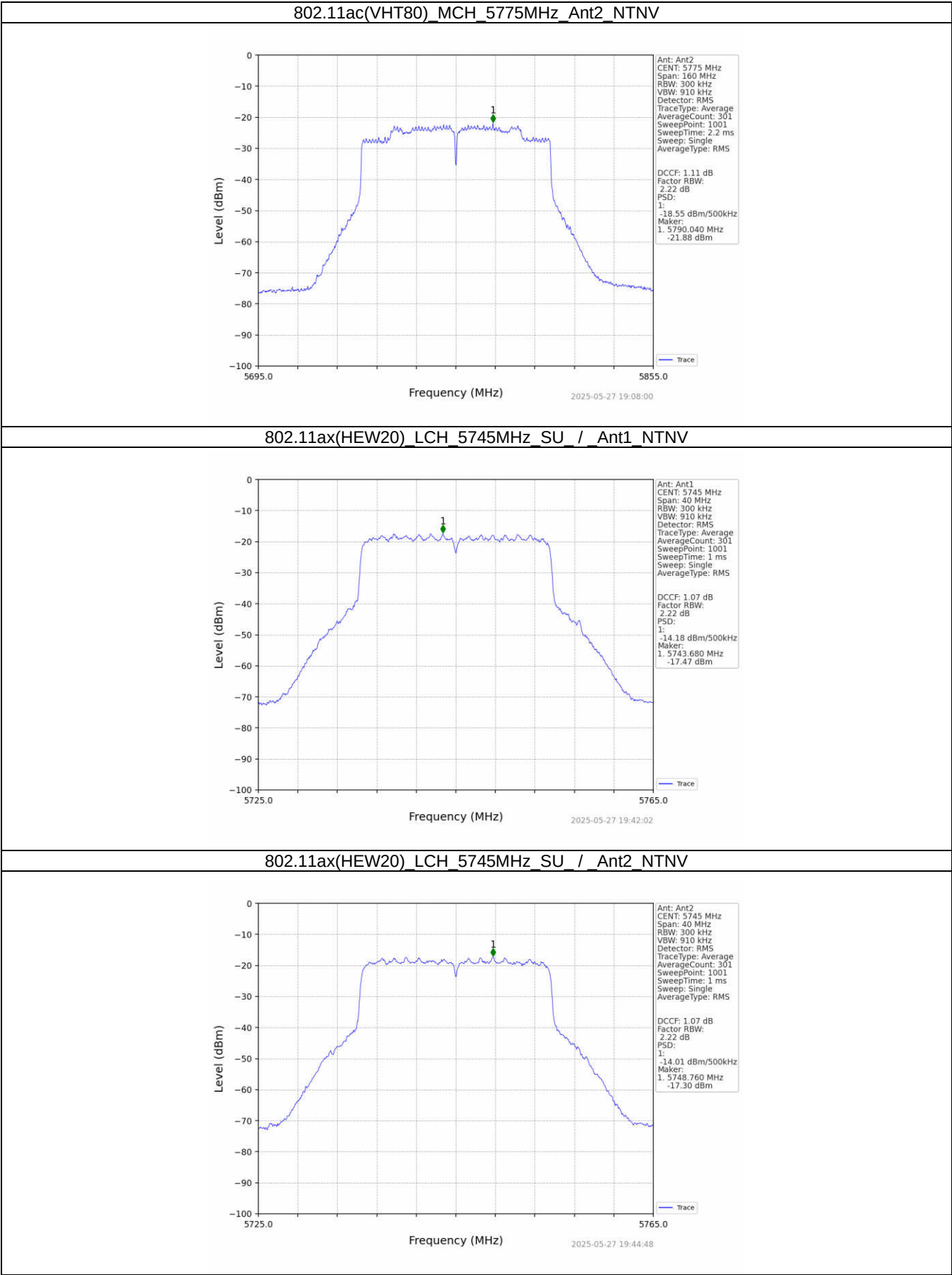
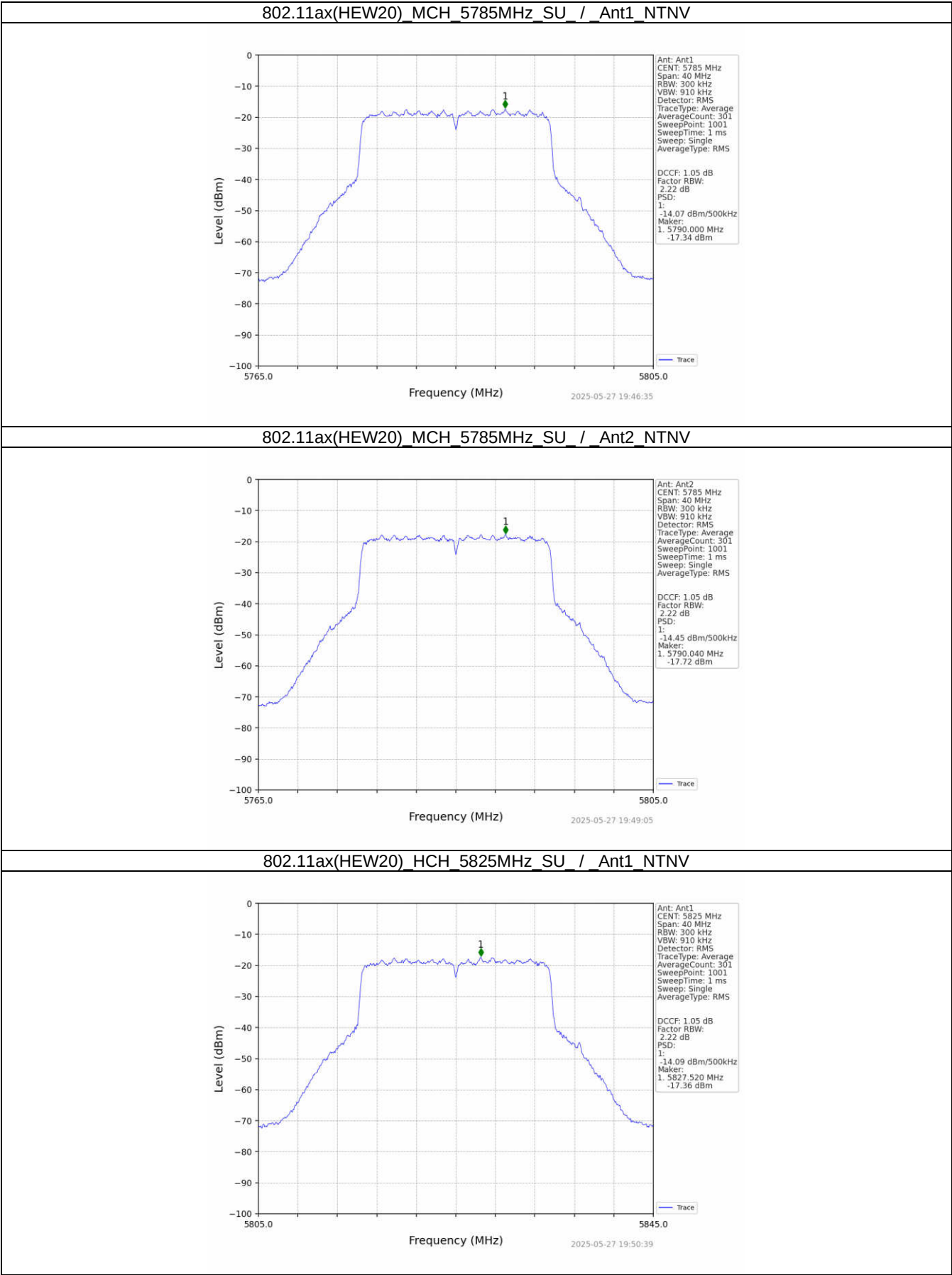
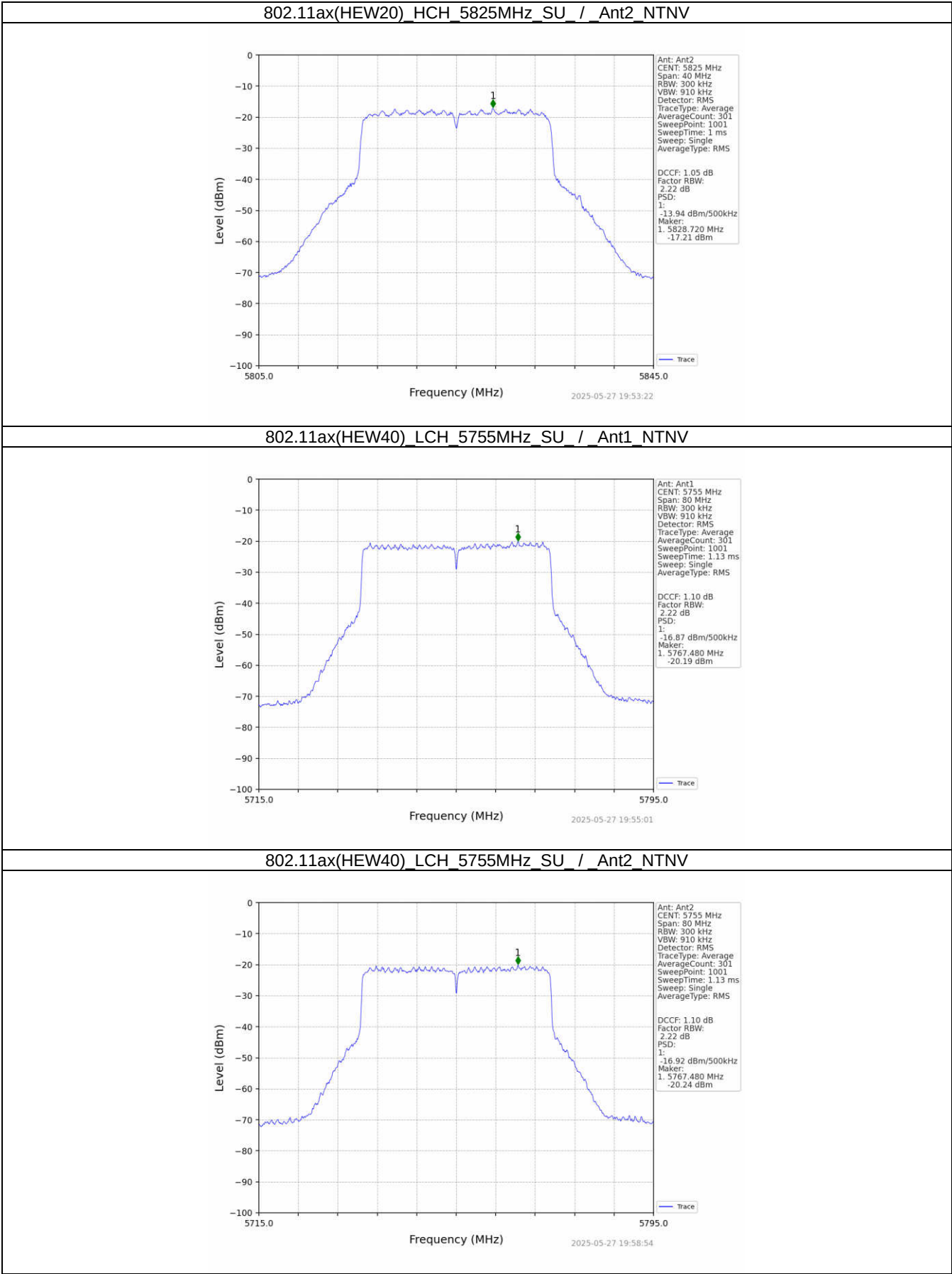


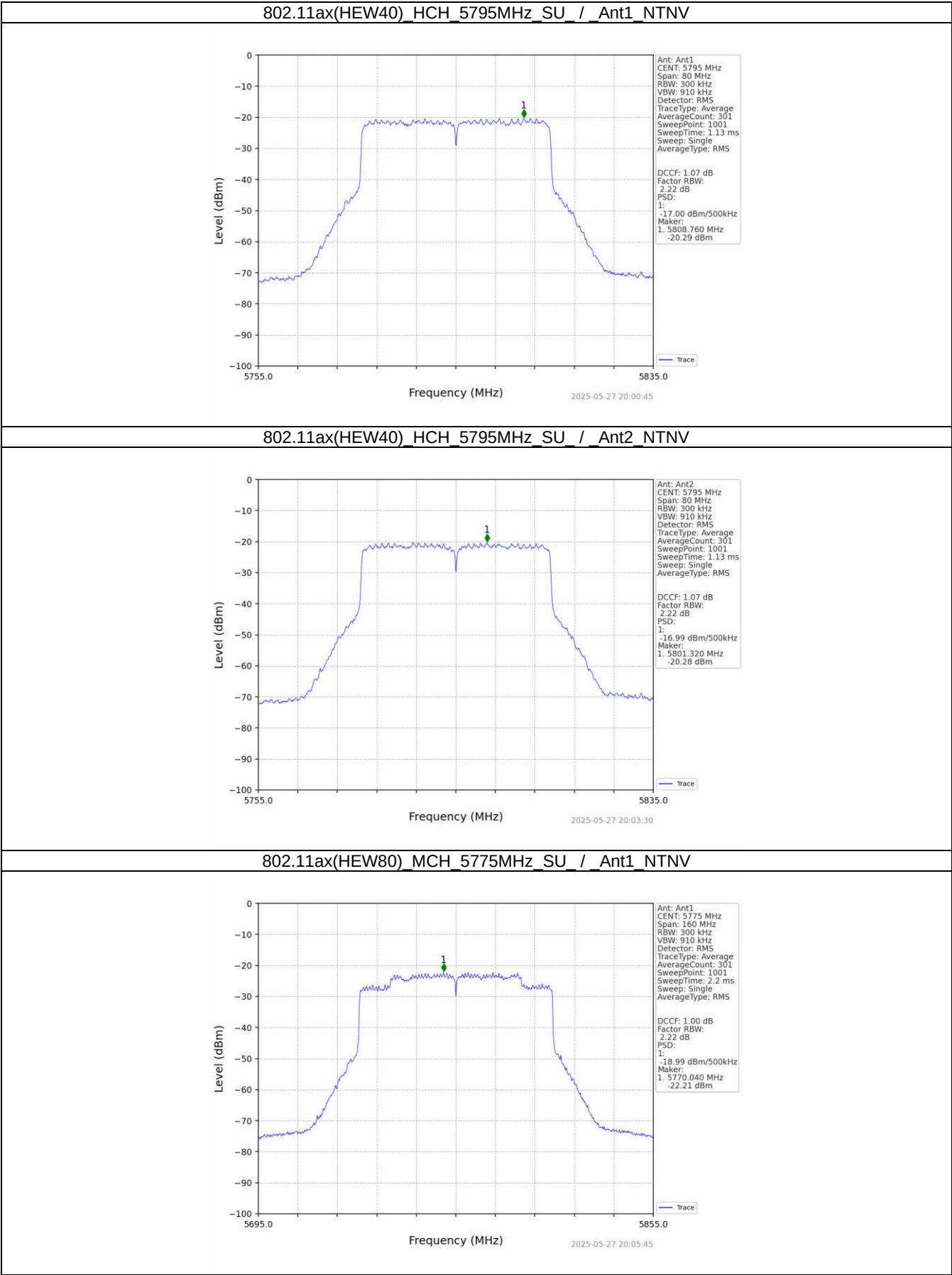


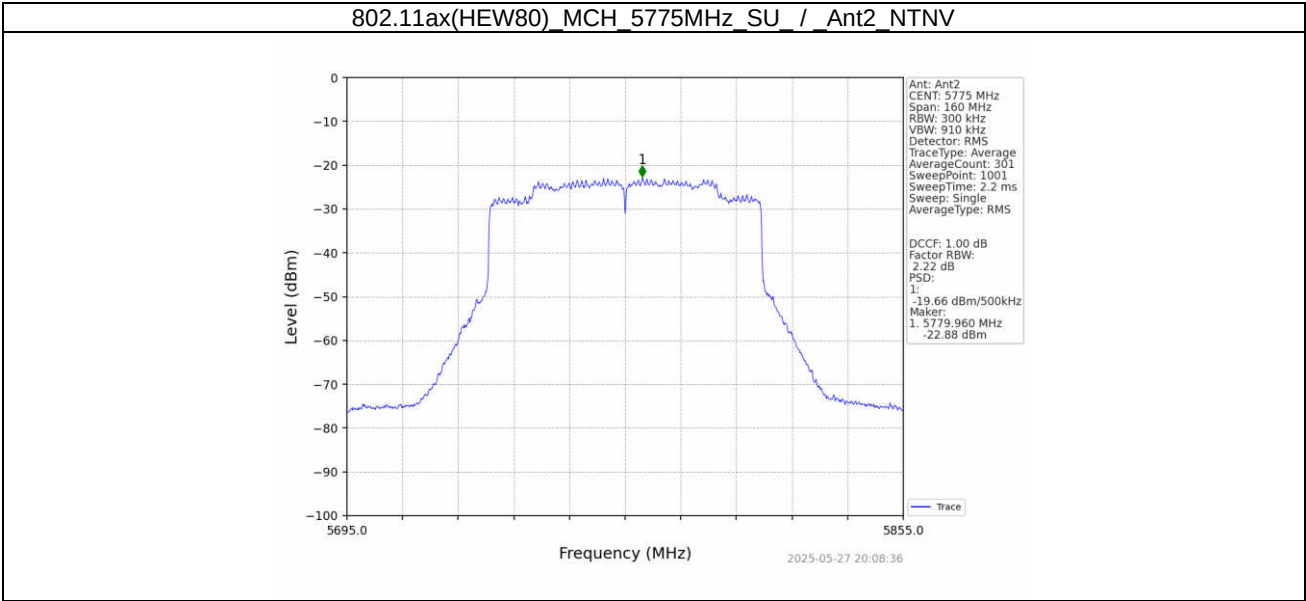












4.6 Emission Bandwidth (26dB Bandwidth)& Occupied Bandwidth

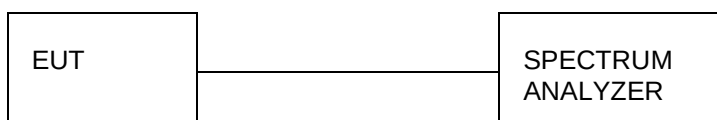
Limit

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



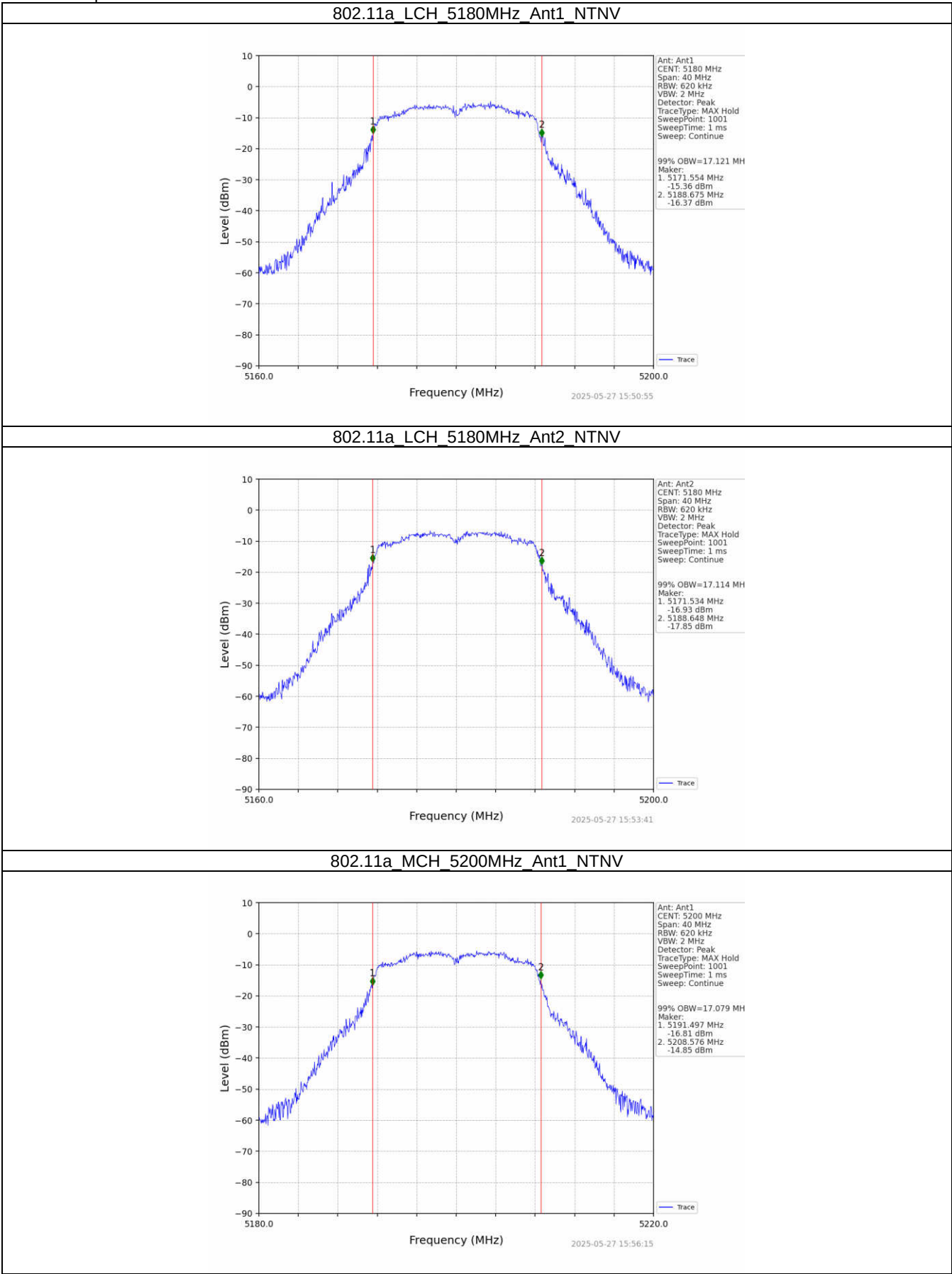
Test Results

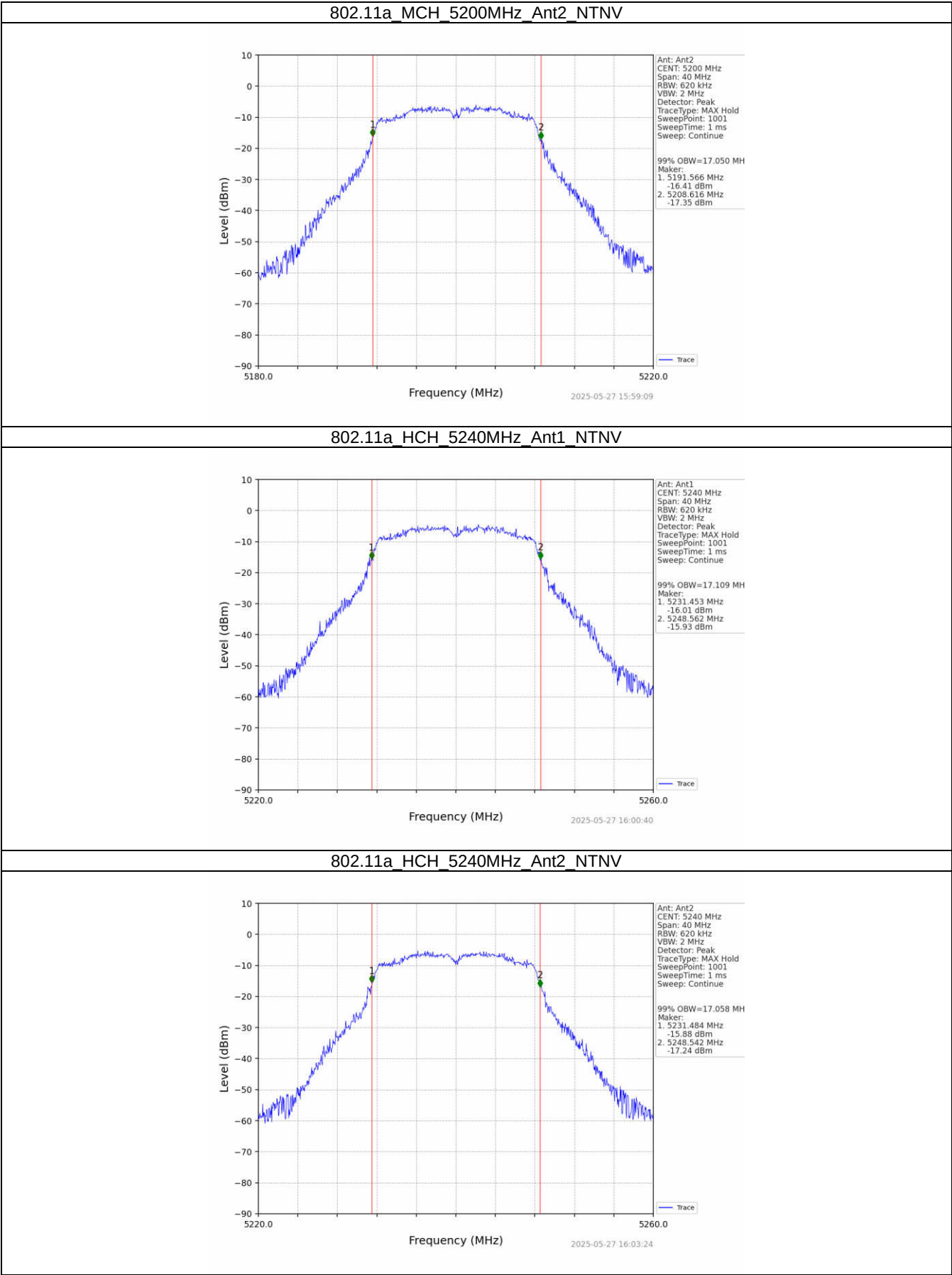
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.121	/	Pass
			2	17.114	/	Pass
		5200	1	17.079	/	Pass
			2	17.050	/	Pass
		5240	1	17.109	/	Pass
			2	17.058	/	Pass
		5745	1	17.471	/	Pass
			2	17.482	/	Pass
		5785	1	17.438	/	Pass
			2	17.519	/	Pass
		5825	1	17.425	/	Pass
			2	17.482	/	Pass
802.11n (HT20)	SISO	5180	1	18.073	/	Pass
			2	18.072	/	Pass
		5200	1	18.144	/	Pass
			2	17.992	/	Pass
		5240	1	18.027	/	Pass
			2	18.074	/	Pass
		5745	1	18.515	/	Pass
			2	18.391	/	Pass
		5785	1	18.622	/	Pass
			2	18.468	/	Pass
		5825	1	18.547	/	Pass
			2	18.415	/	Pass
802.11n (HT40)	SISO	5190	1	36.360	/	Pass
			2	36.322	/	Pass
		5230	1	36.245	/	Pass
			2	36.307	/	Pass
		5755	1	36.995	/	Pass
			2	37.045	/	Pass
		5795	1	36.845	/	Pass
			2	36.844	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.081	/	Pass
			2	18.151	/	Pass
		5200	1	18.054	/	Pass
			2	18.024	/	Pass

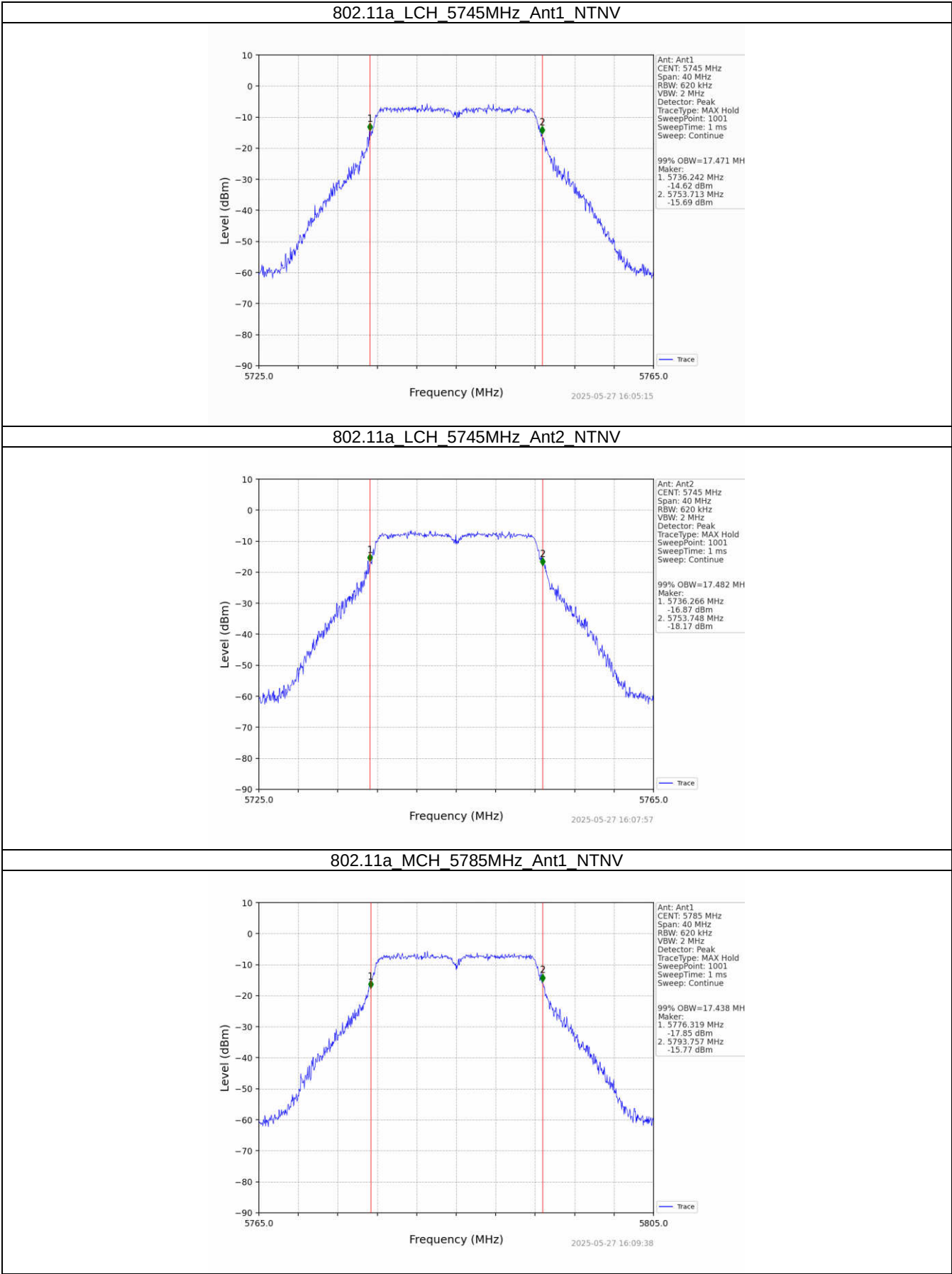
		5240	1	18.049	/	Pass
			2	18.037	/	Pass
		5745	1	18.457	/	Pass
			2	18.478	/	Pass
		5785	1	18.508	/	Pass
			2	18.435	/	Pass
		5825	1	18.390	/	Pass
			2	18.470	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.267	/	Pass
			2	36.321	/	Pass
		5230	1	36.270	/	Pass
			2	36.234	/	Pass
		5755	1	36.938	/	Pass
			2	36.929	/	Pass
		5795	1	36.851	/	Pass
			2	36.816	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.563	/	Pass
			2	75.450	/	Pass
		5775	1	75.601	/	Pass
			2	75.302	/	Pass
802.11ax (HEW20)	SISO	5180	1	18.980	/	Pass
			2	19.035	/	Pass
		5200	1	19.007	/	Pass
			2	19.052	/	Pass
		5240	1	19.019	/	Pass
			2	19.034	/	Pass
		5745	1	19.281	/	Pass
			2	19.293	/	Pass
		5785	1	19.300	/	Pass
			2	19.277	/	Pass
		5825	1	19.253	/	Pass
			2	19.191	/	Pass
802.11ax (HEW40)	SISO	5190	1	37.705	/	Pass
			2	37.698	/	Pass
		5230	1	37.730	/	Pass
			2	37.681	/	Pass
		5755	1	38.133	/	Pass
			2	38.222	/	Pass
		5795	1	38.198	/	Pass
			2	38.137	/	Pass
802.11ax (HEW80)	SISO	5210	1	76.967	/	Pass
			2	76.726	/	Pass
		5775	1	76.965	/	Pass
			2	76.960	/	Pass

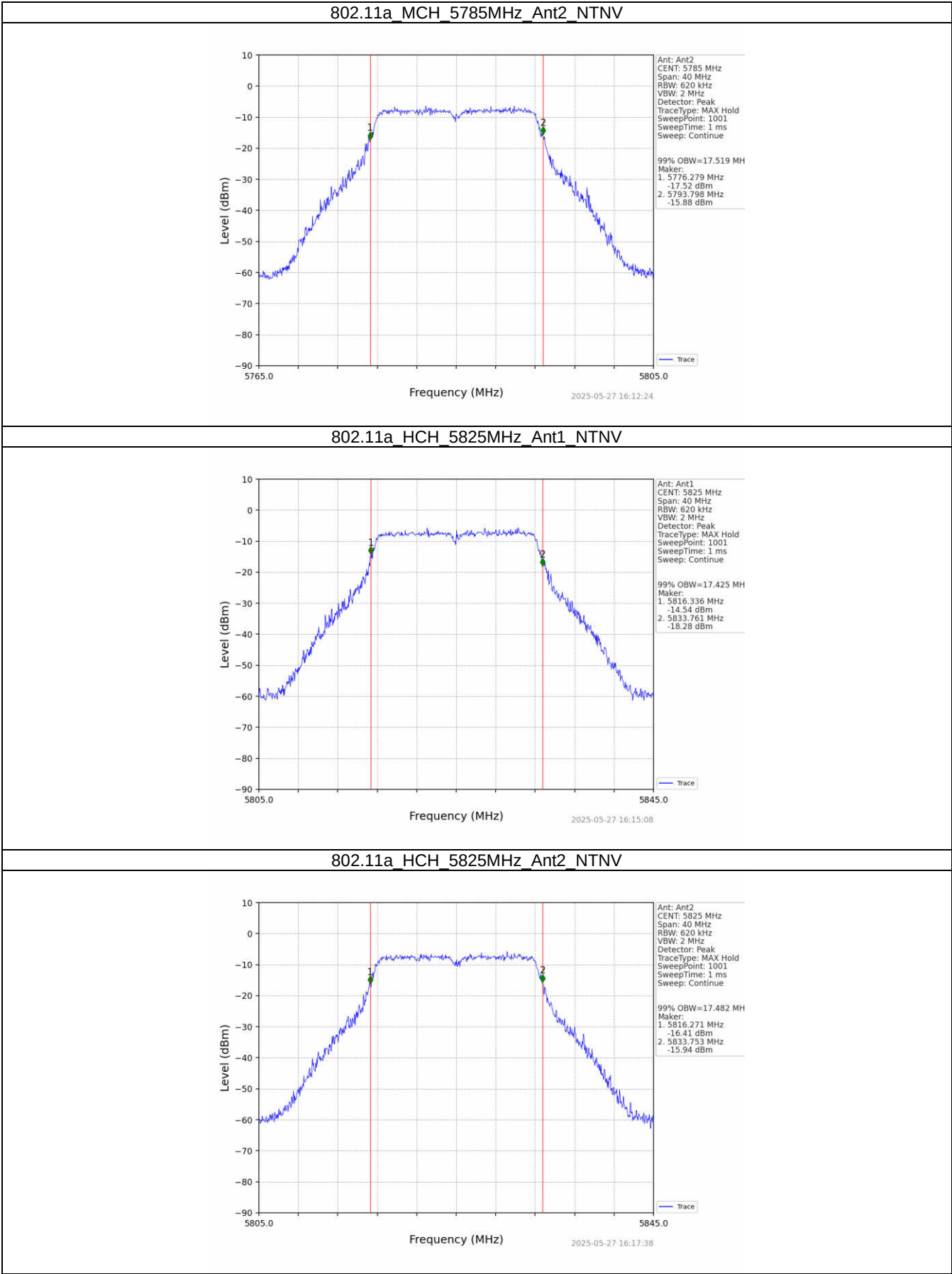
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	22.245	/	Pass
			2	22.177	/	Pass
		5200	1	22.270	/	Pass
			2	21.626	/	Pass
		5240	1	22.183	/	Pass
			2	21.474	/	Pass
802.11n (HT20)	SISO	5180	1	21.951	/	Pass
			2	22.393	/	Pass
		5200	1	21.515	/	Pass
			2	22.807	/	Pass
		5240	1	22.442	/	Pass
			2	22.832	/	Pass
802.11n (HT40)	SISO	5190	1	43.130	/	Pass
			2	44.265	/	Pass
		5230	1	43.794	/	Pass
			2	43.279	/	Pass
802.11ac (VHT20)	SISO	5180	1	22.078	/	Pass
			2	22.044	/	Pass
		5200	1	22.250	/	Pass
			2	22.584	/	Pass
		5240	1	22.453	/	Pass
			2	22.200	/	Pass
802.11ac (VHT40)	SISO	5190	1	42.558	/	Pass
			2	43.124	/	Pass
		5230	1	42.761	/	Pass
			2	43.449	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.717	/	Pass
			2	82.669	/	Pass
802.11ax (HEW20)	SISO	5180	1	23.773	/	Pass
			2	22.560	/	Pass
		5200	1	22.013	/	Pass
			2	23.660	/	Pass
		5240	1	22.315	/	Pass
			2	22.614	/	Pass
802.11ax (HEW40)	SISO	5190	1	41.610	/	Pass
			2	42.627	/	Pass
		5230	1	42.518	/	Pass
			2	41.087	/	Pass
802.11ax (HEW80)	SISO	5210	1	82.363	/	Pass
			2	83.285	/	Pass

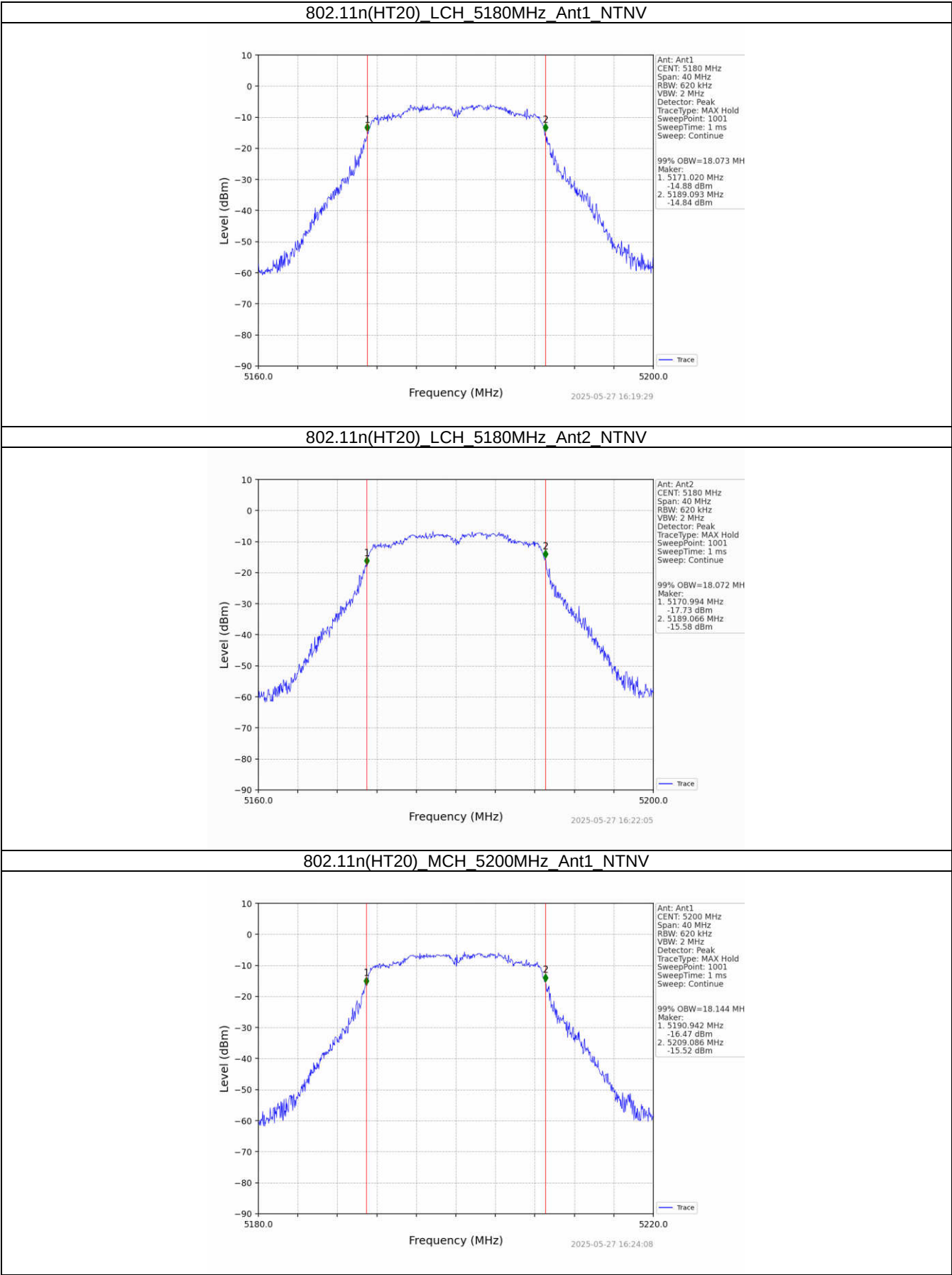
Test plot as follows:
99% Occupied Bandwidth

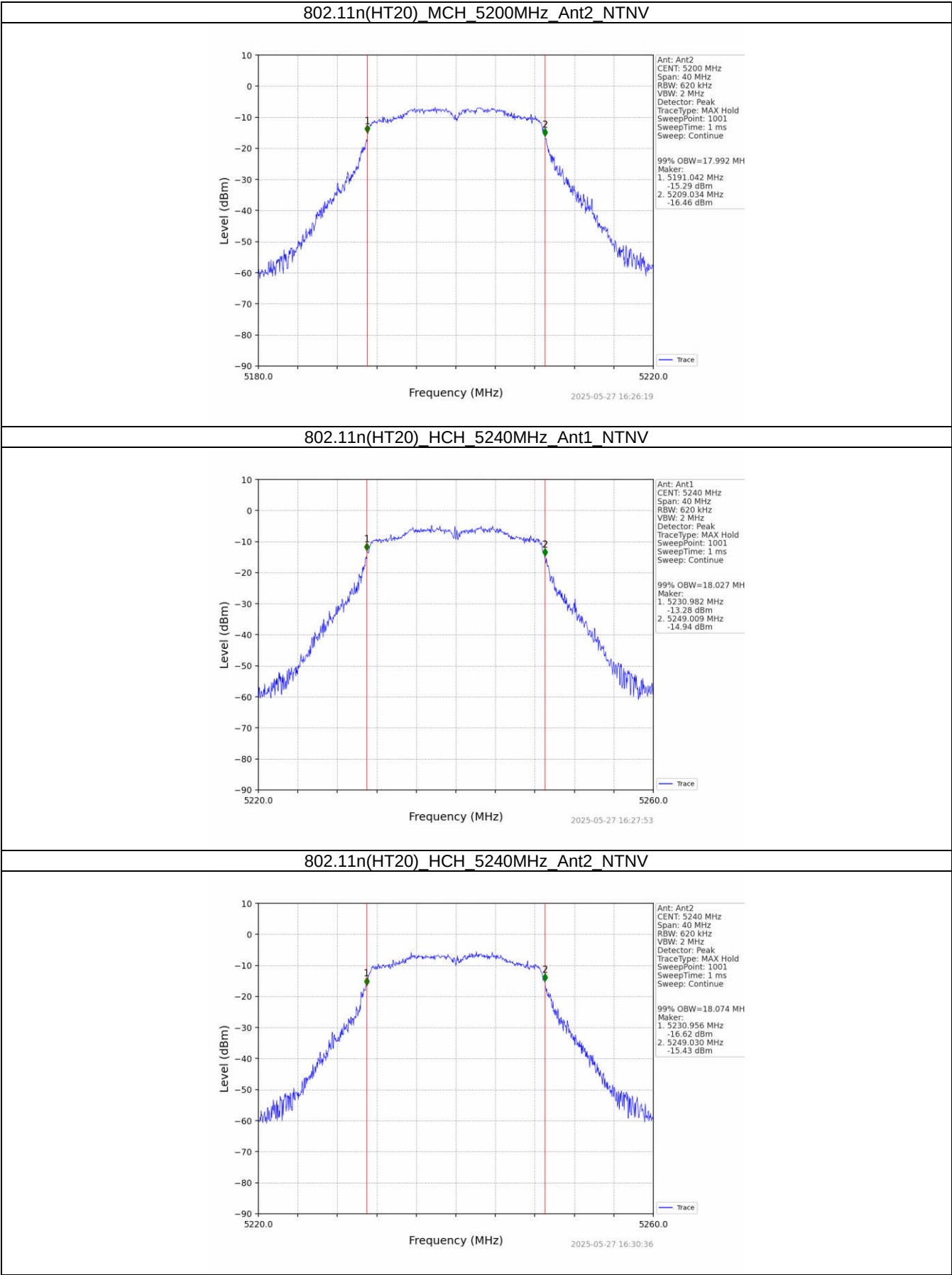


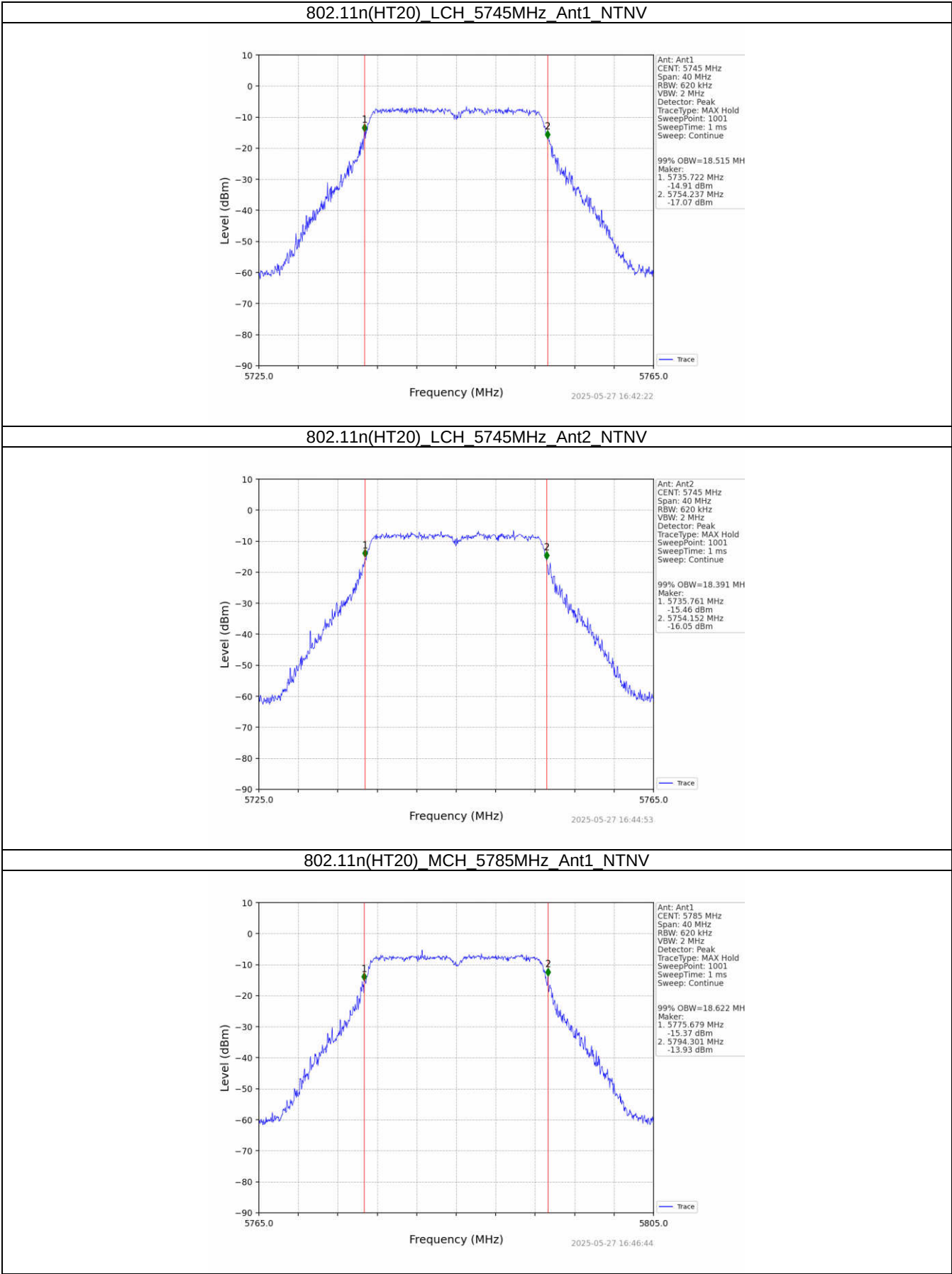


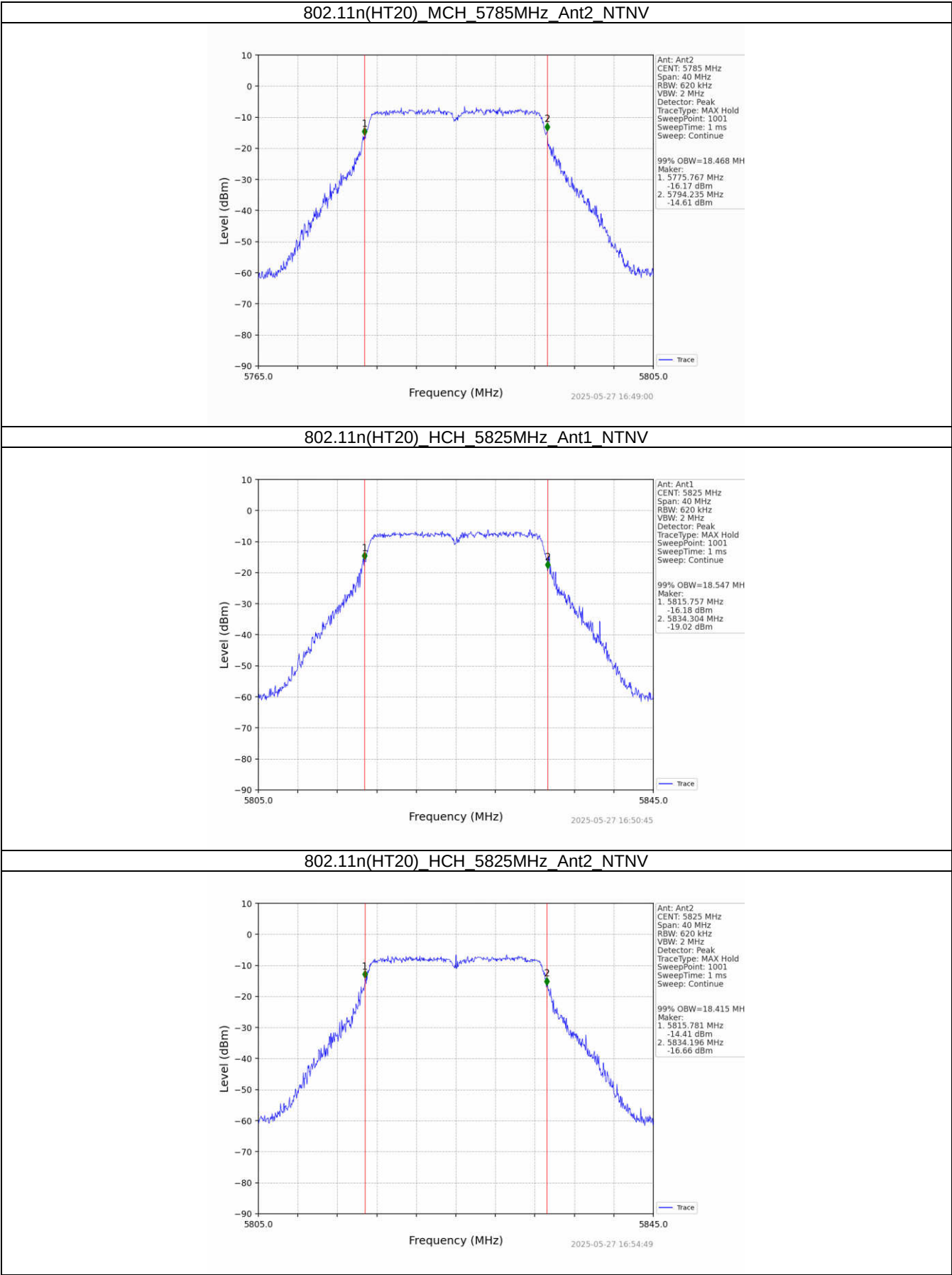


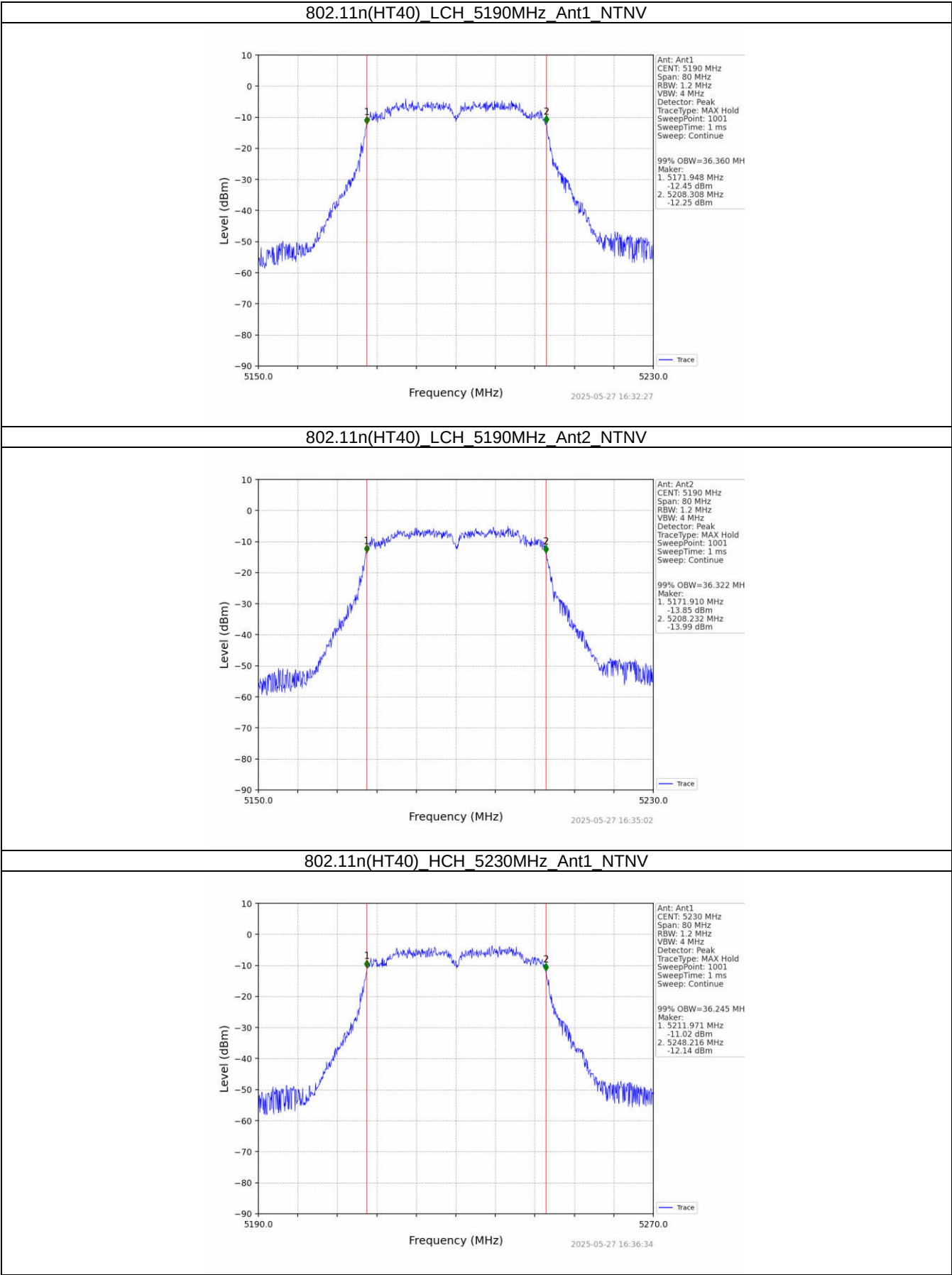


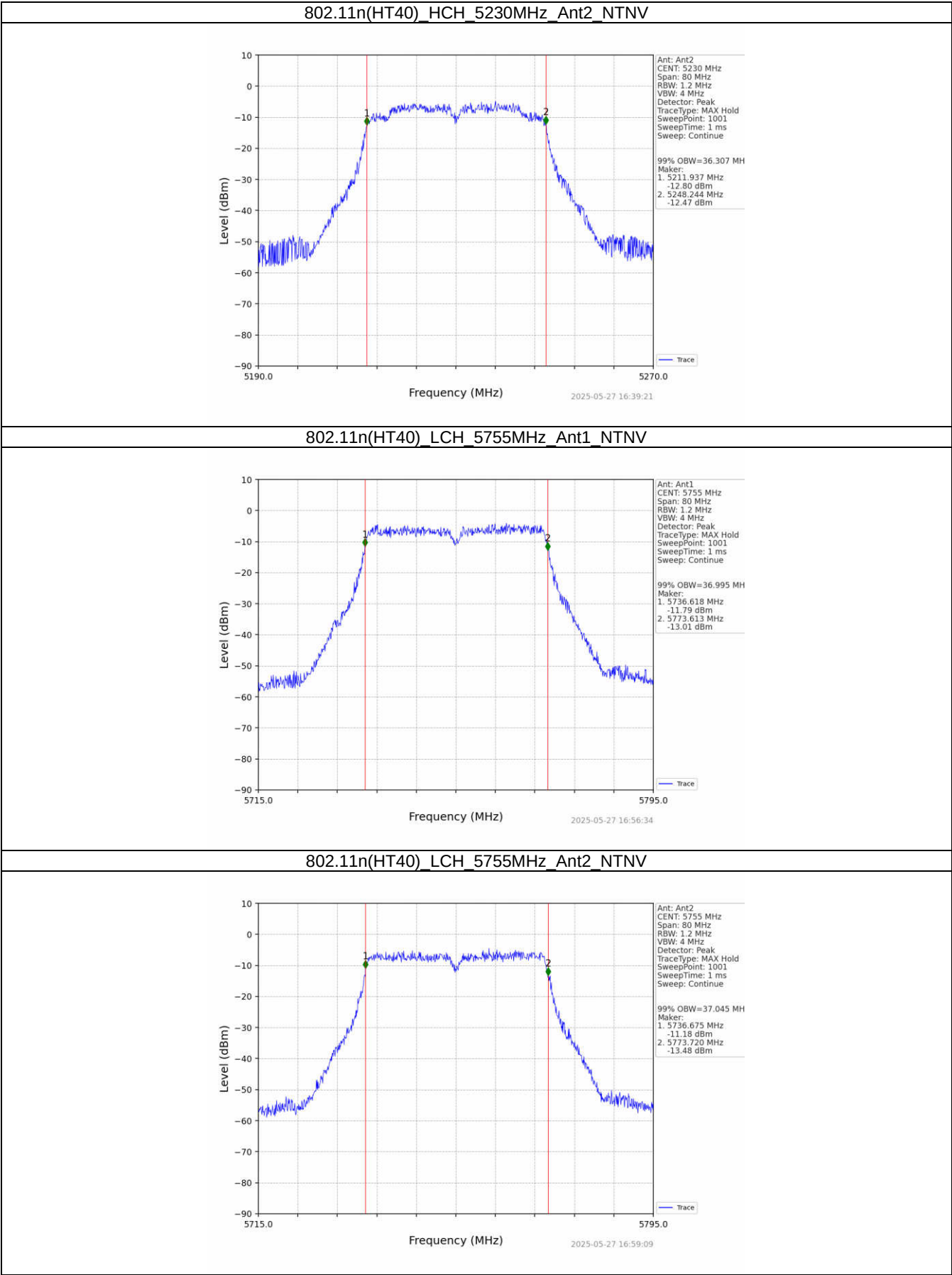


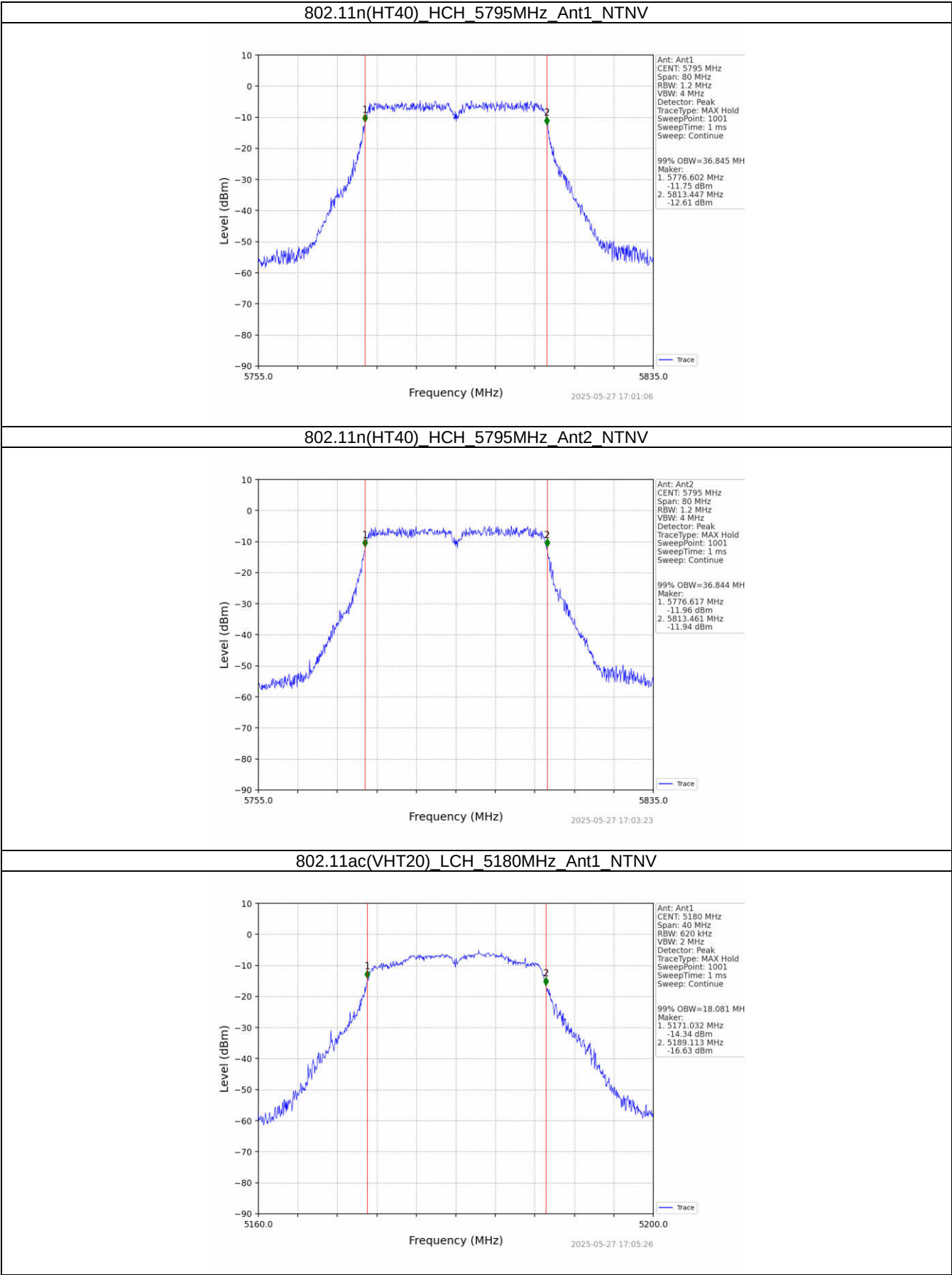


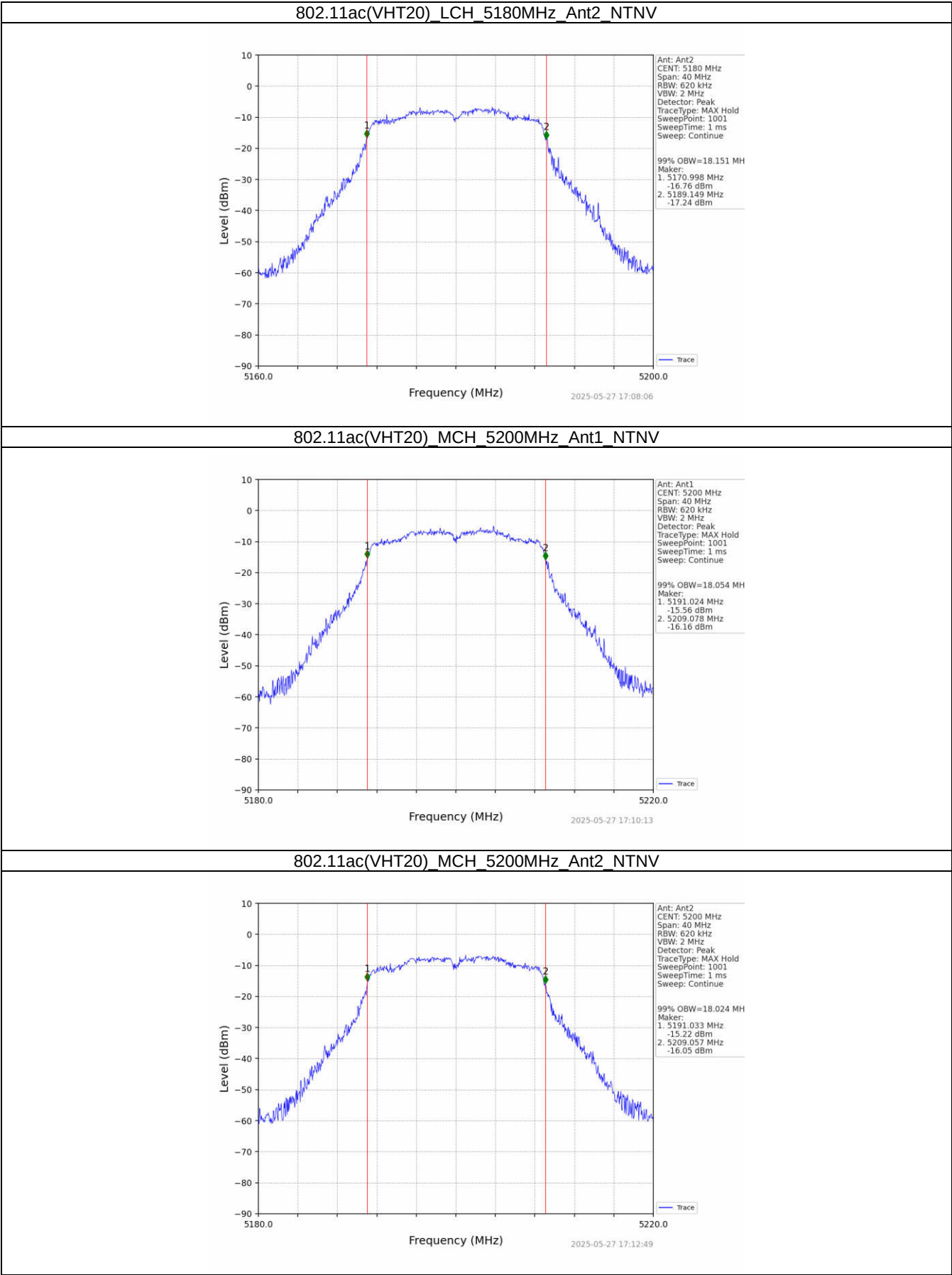


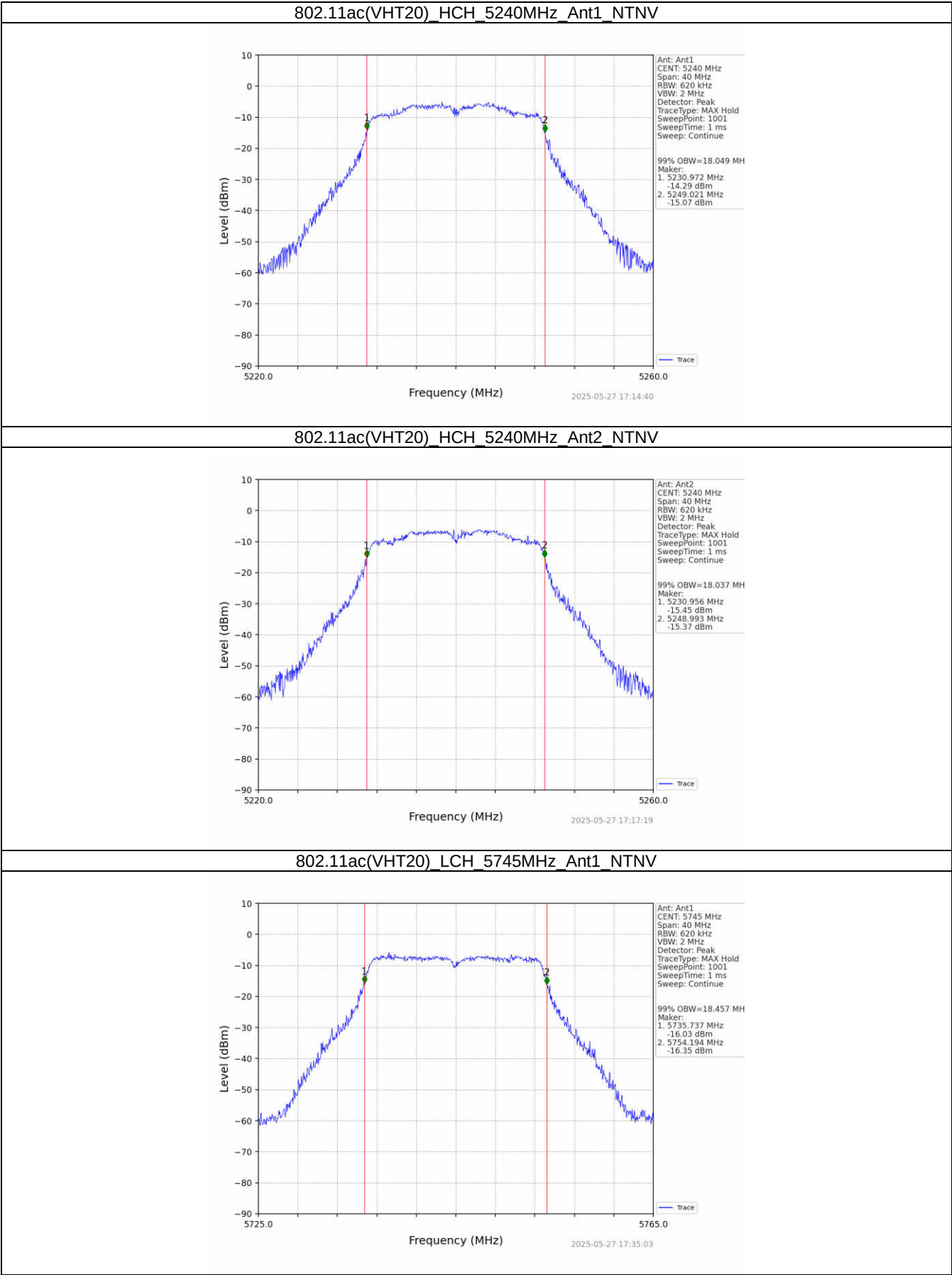


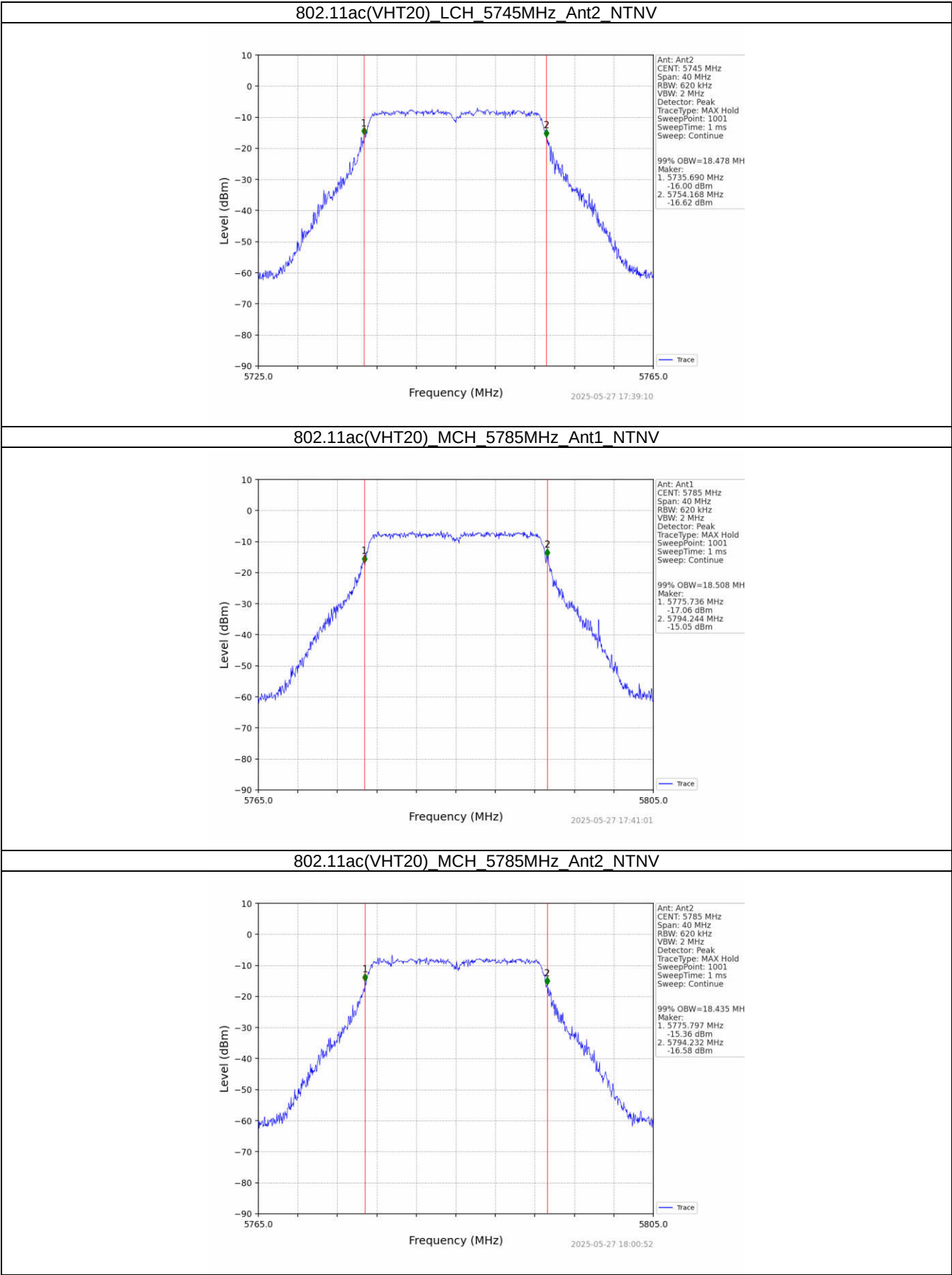


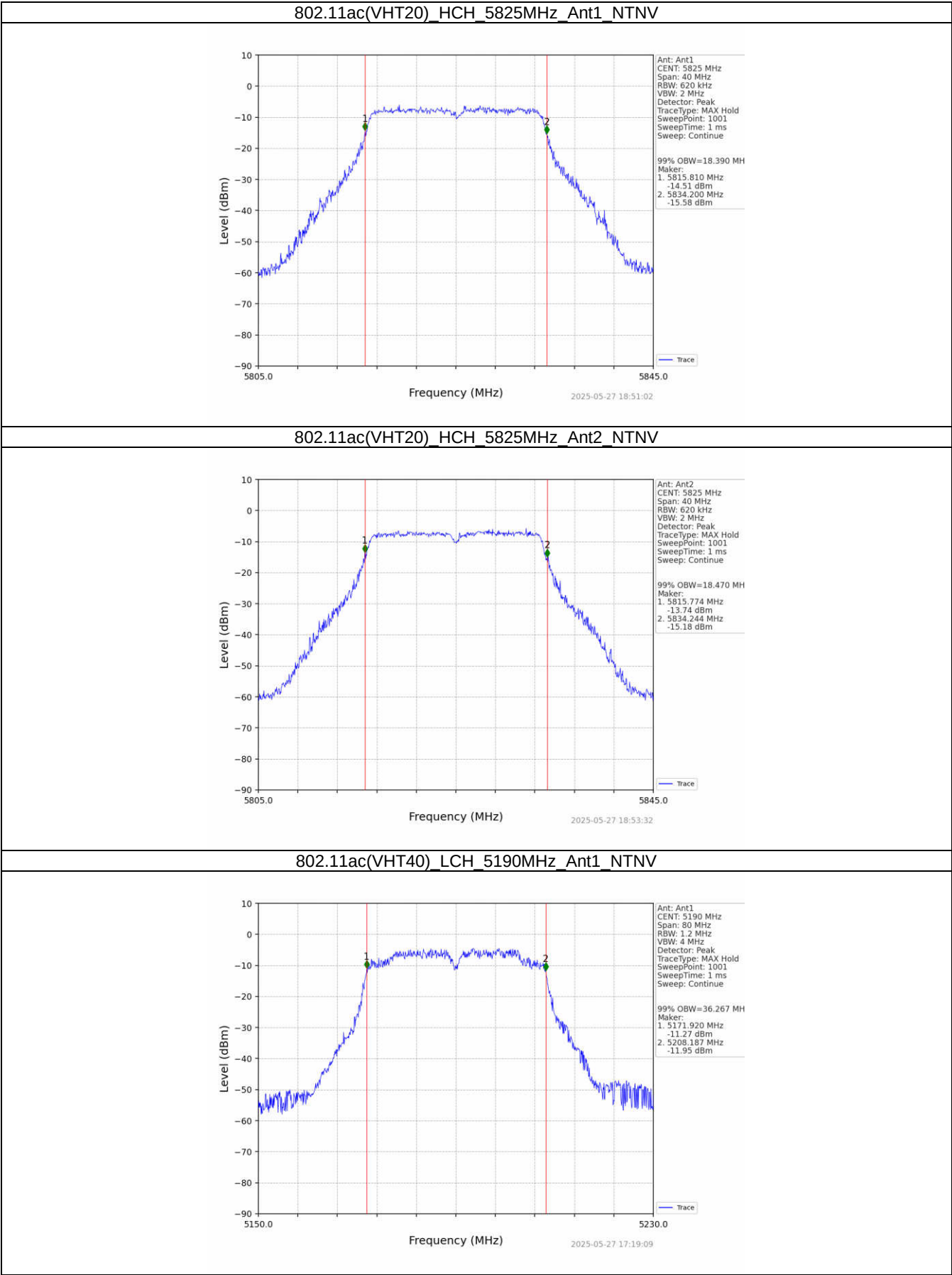


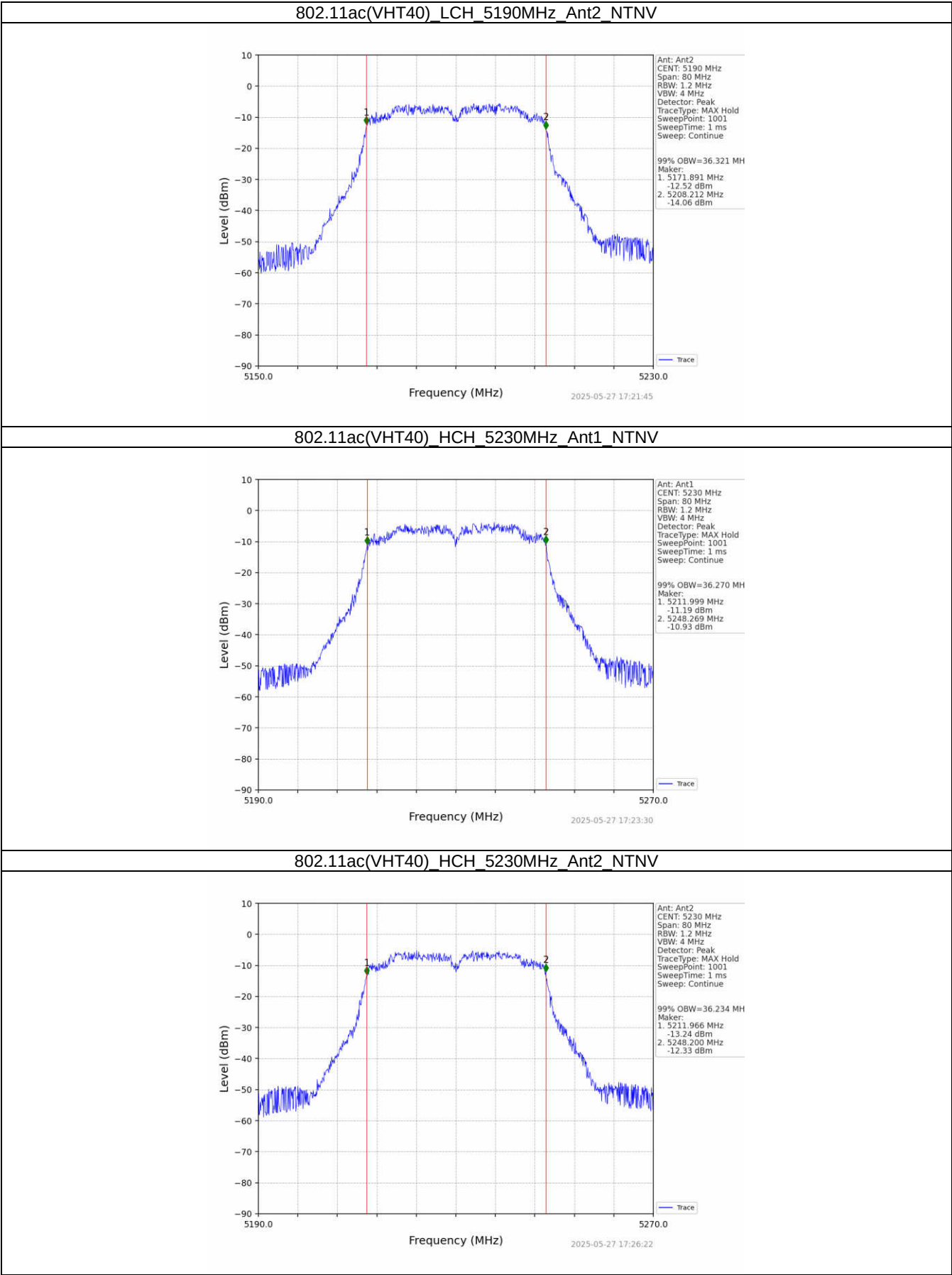


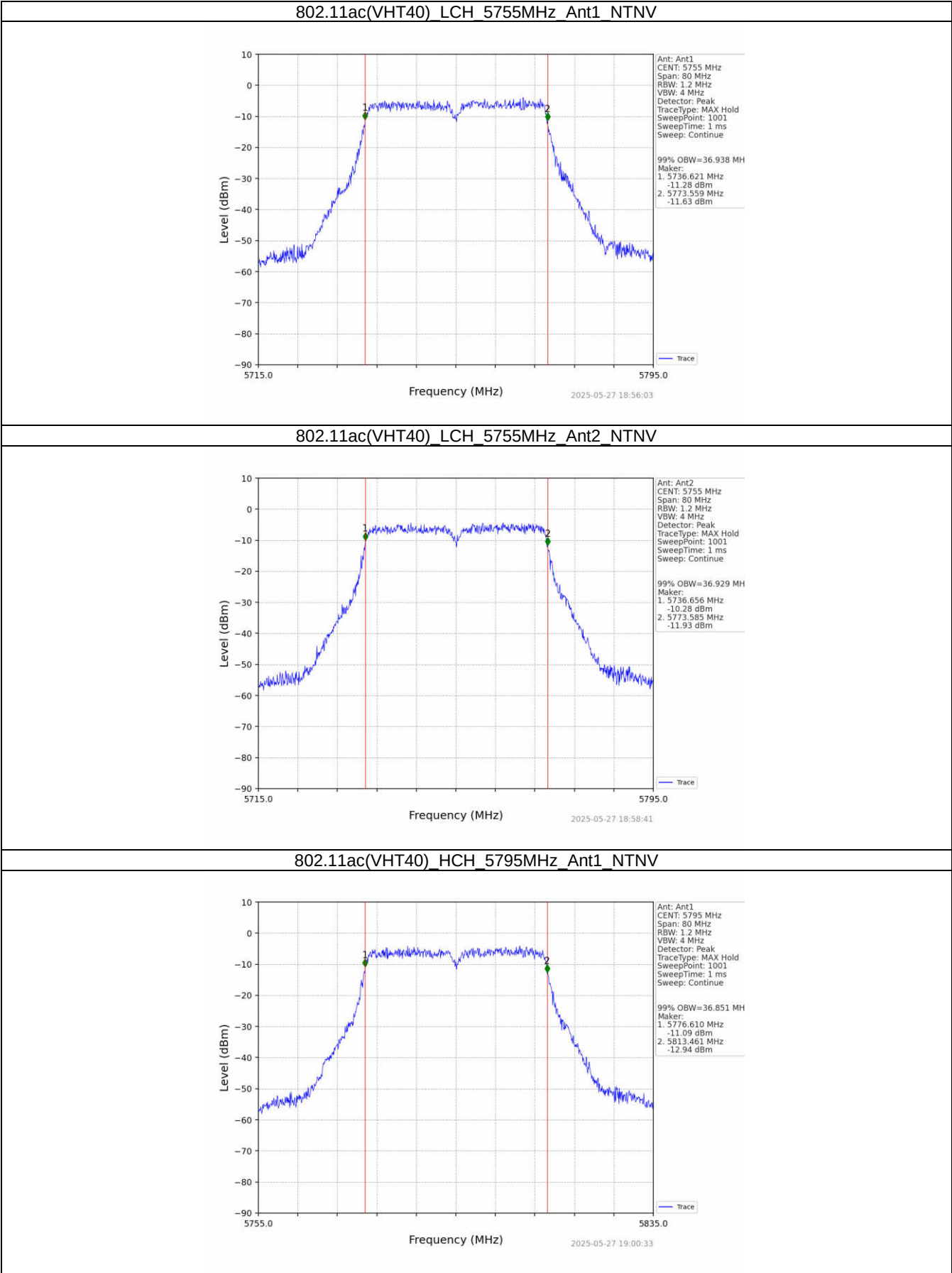


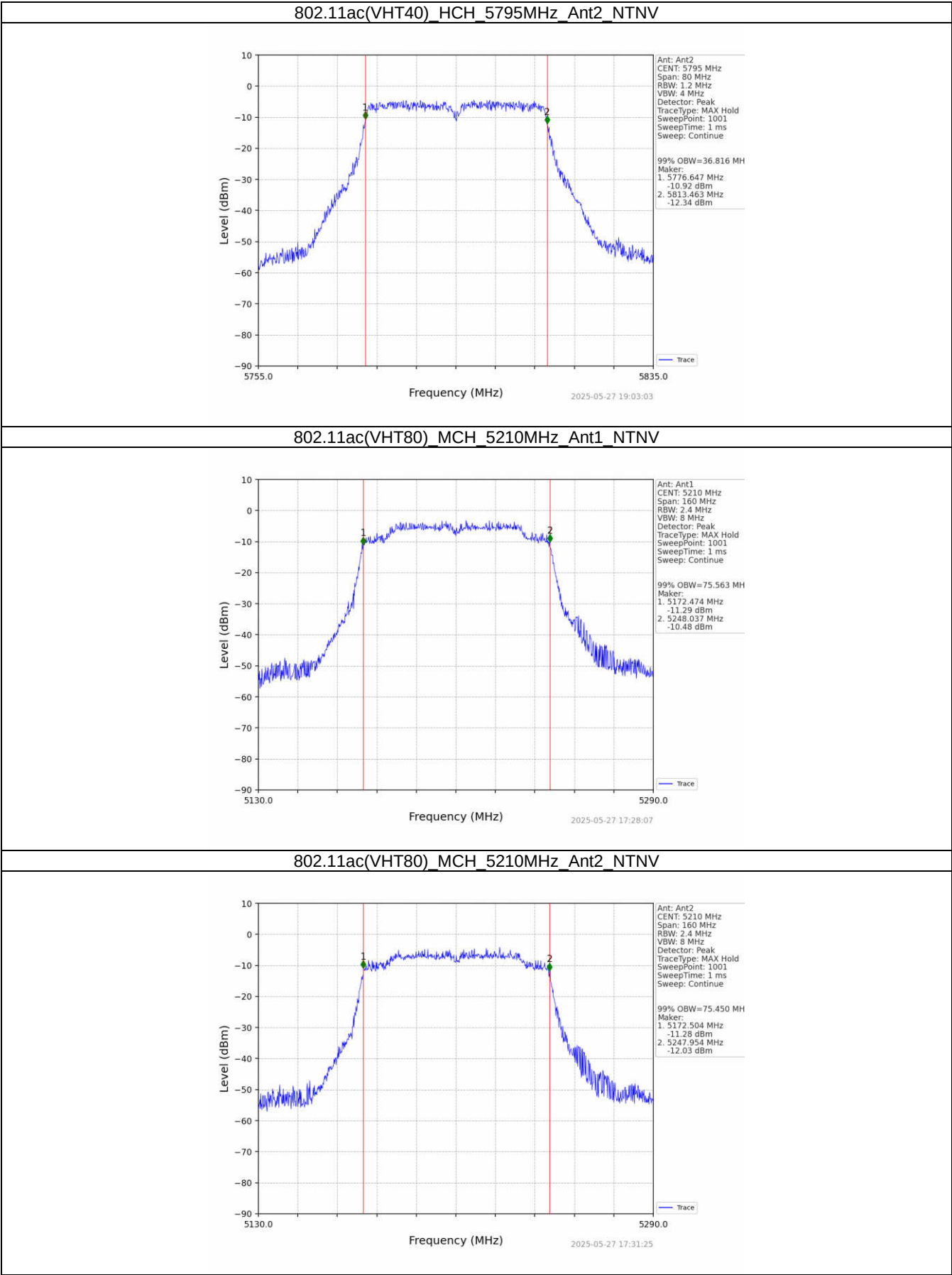


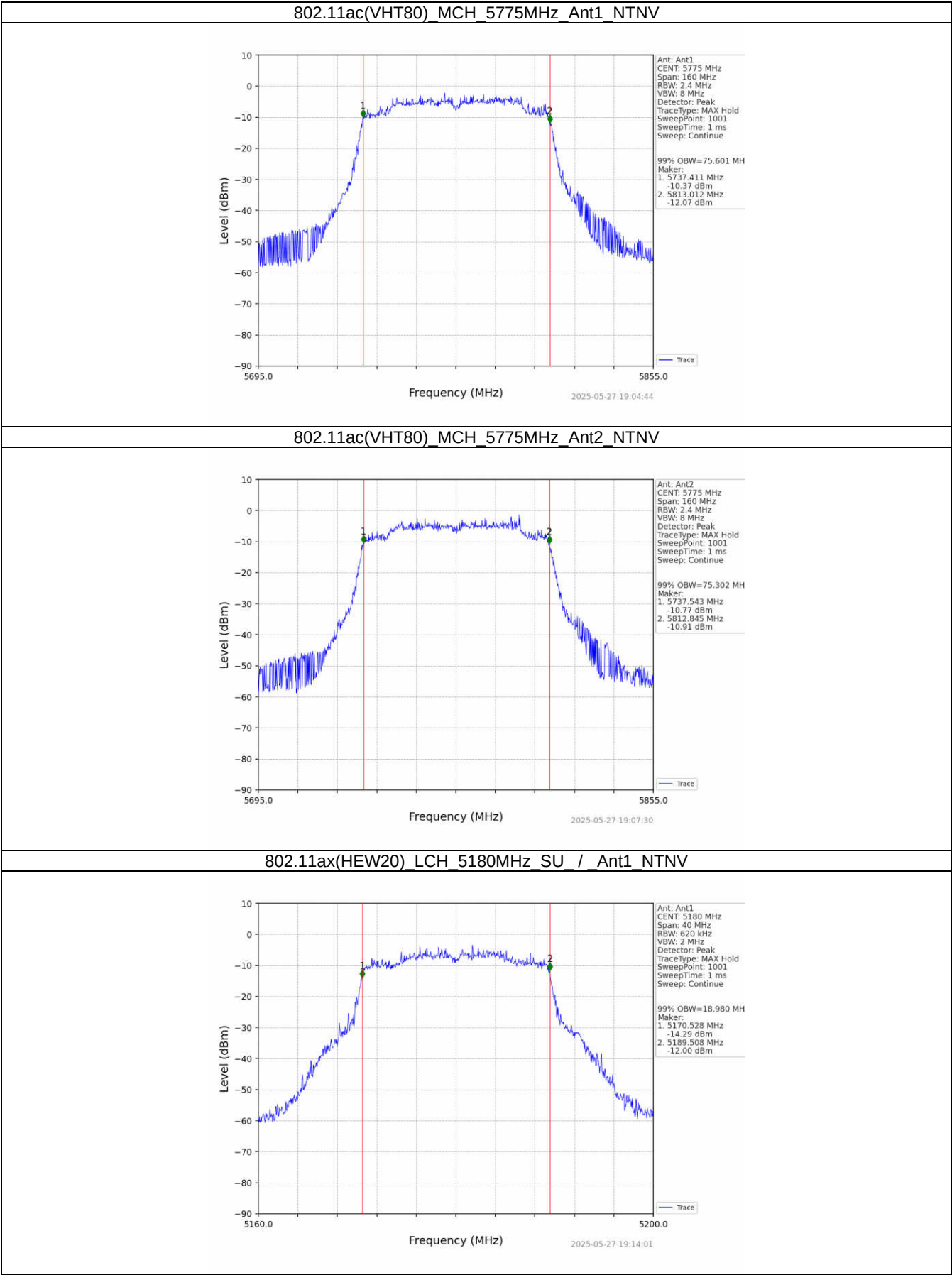


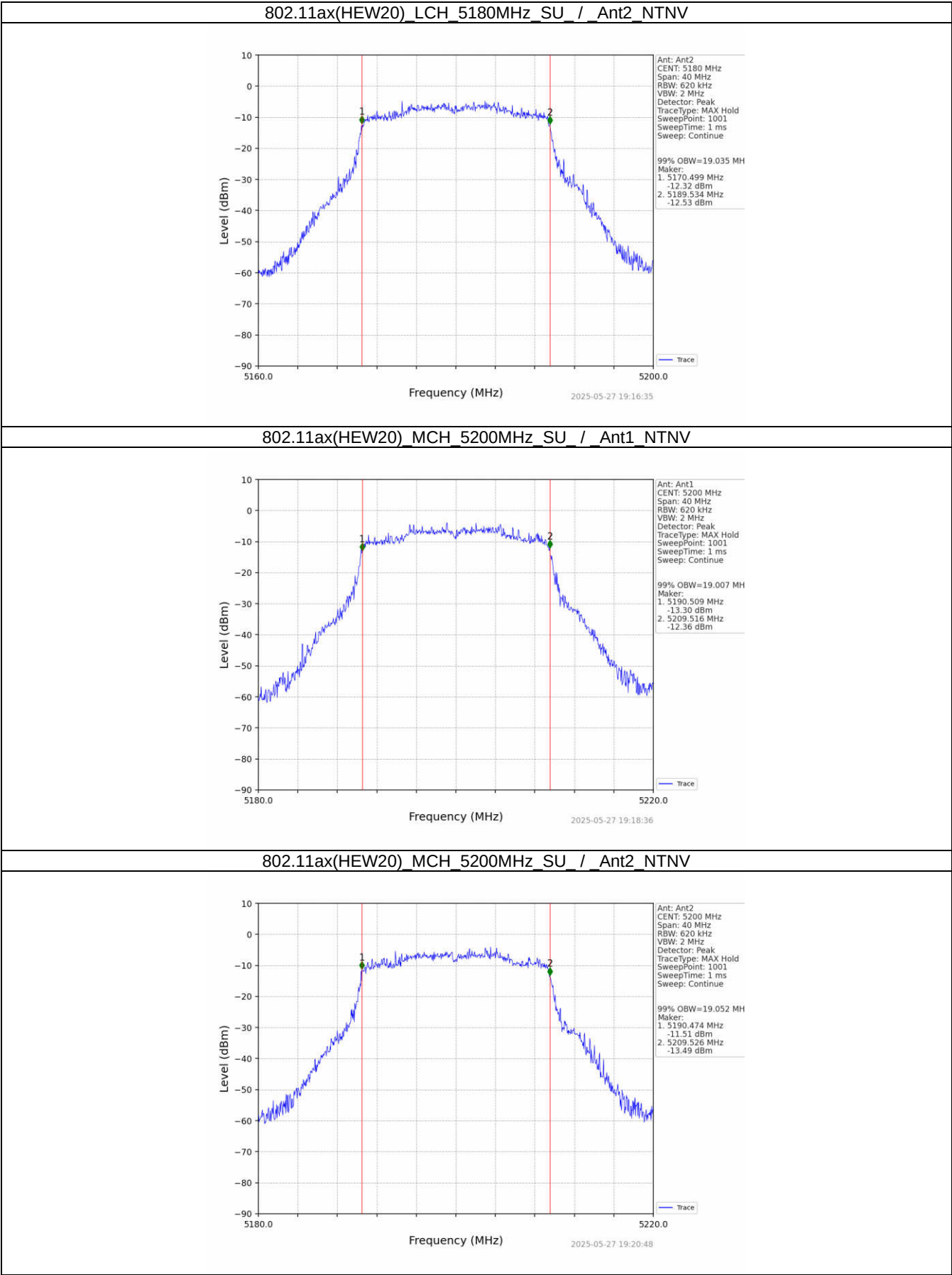


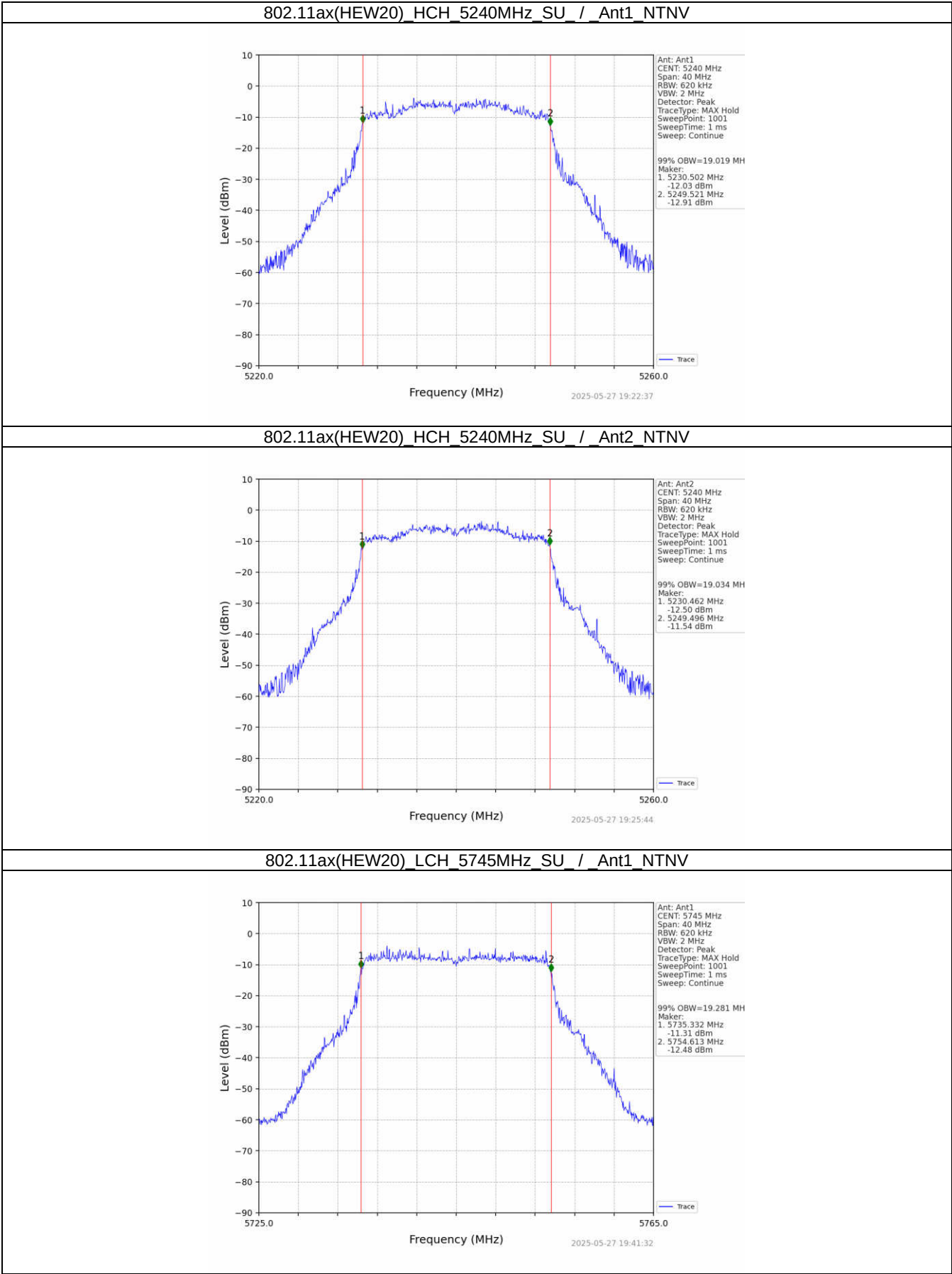


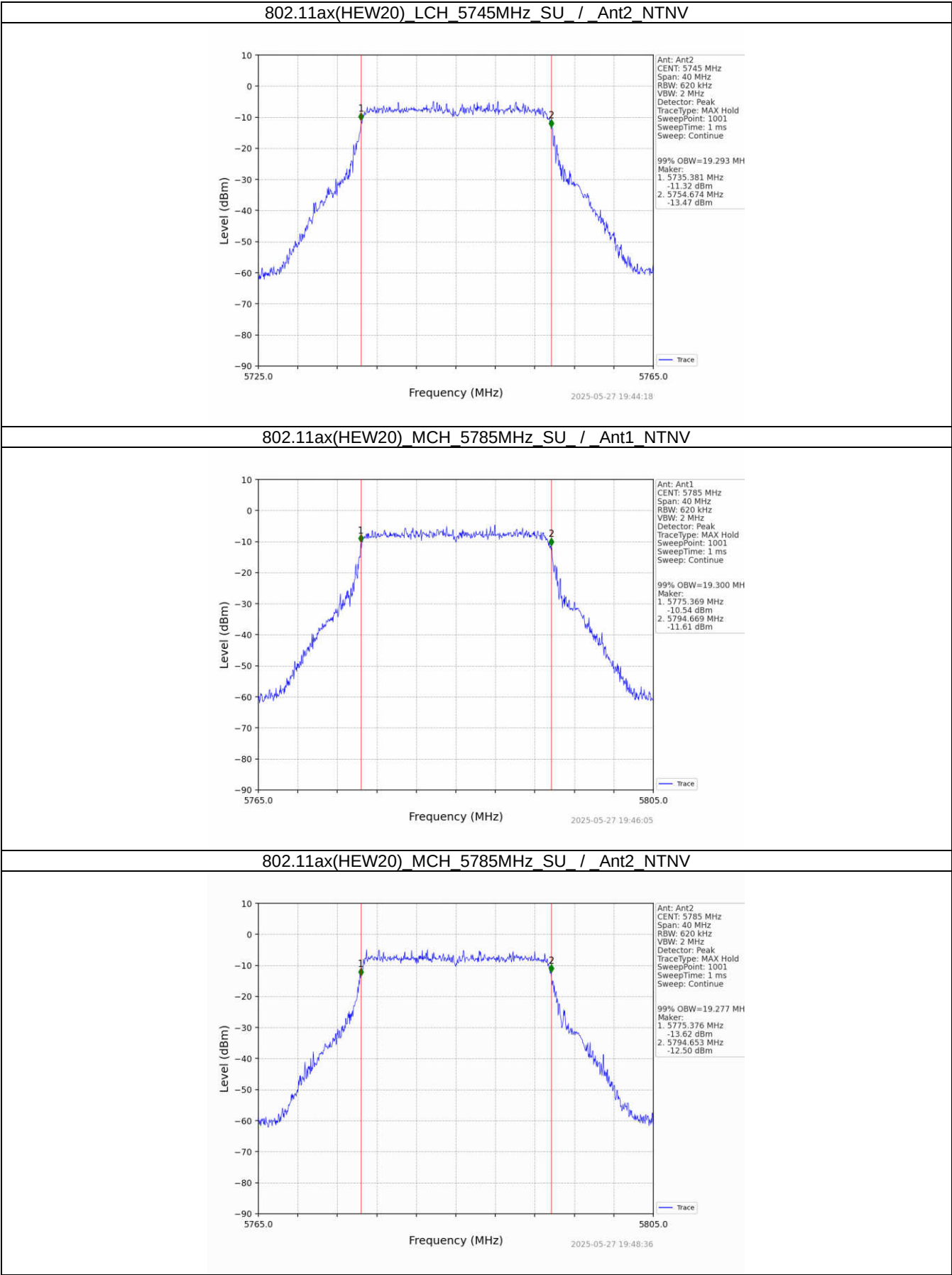


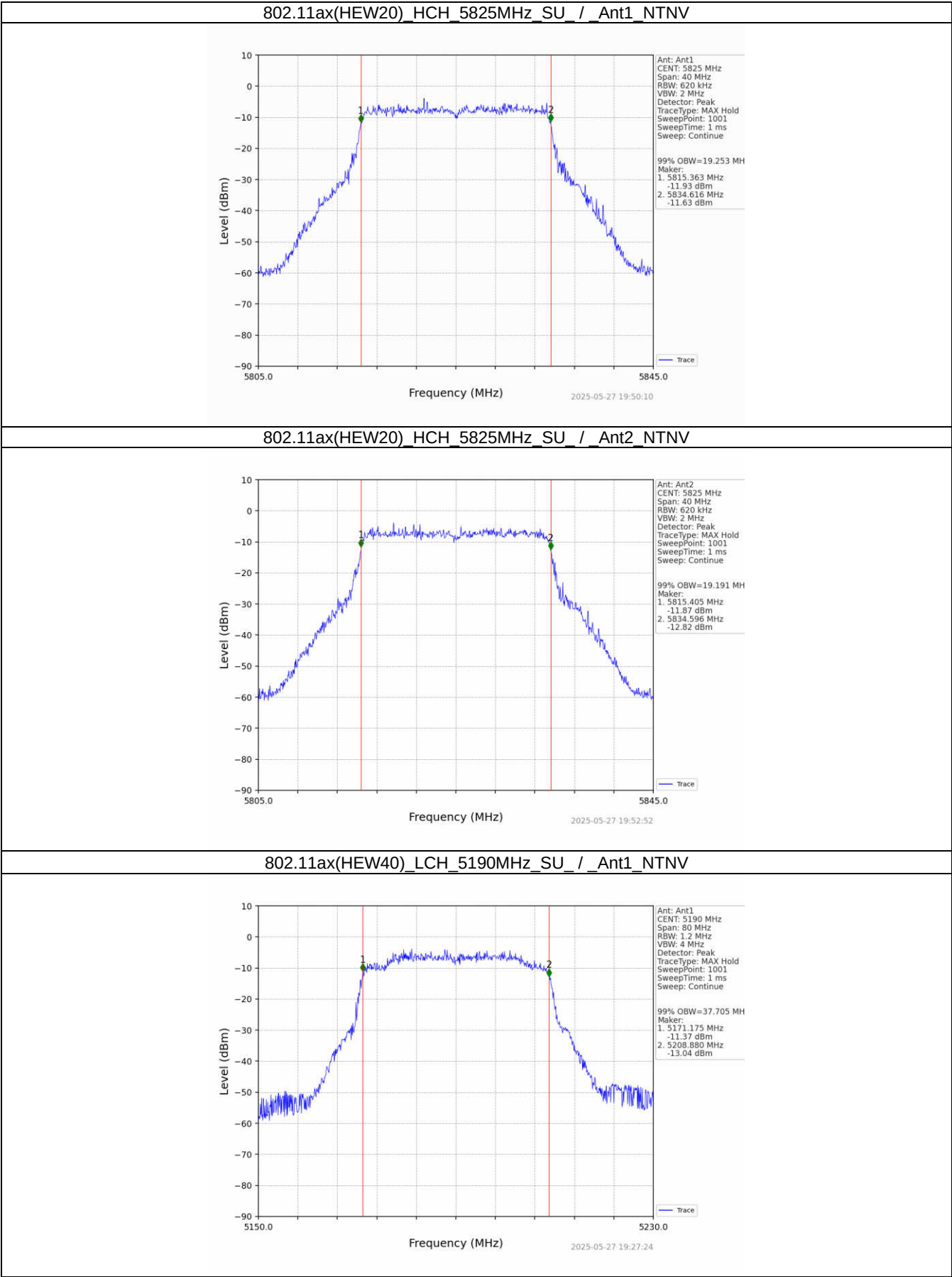


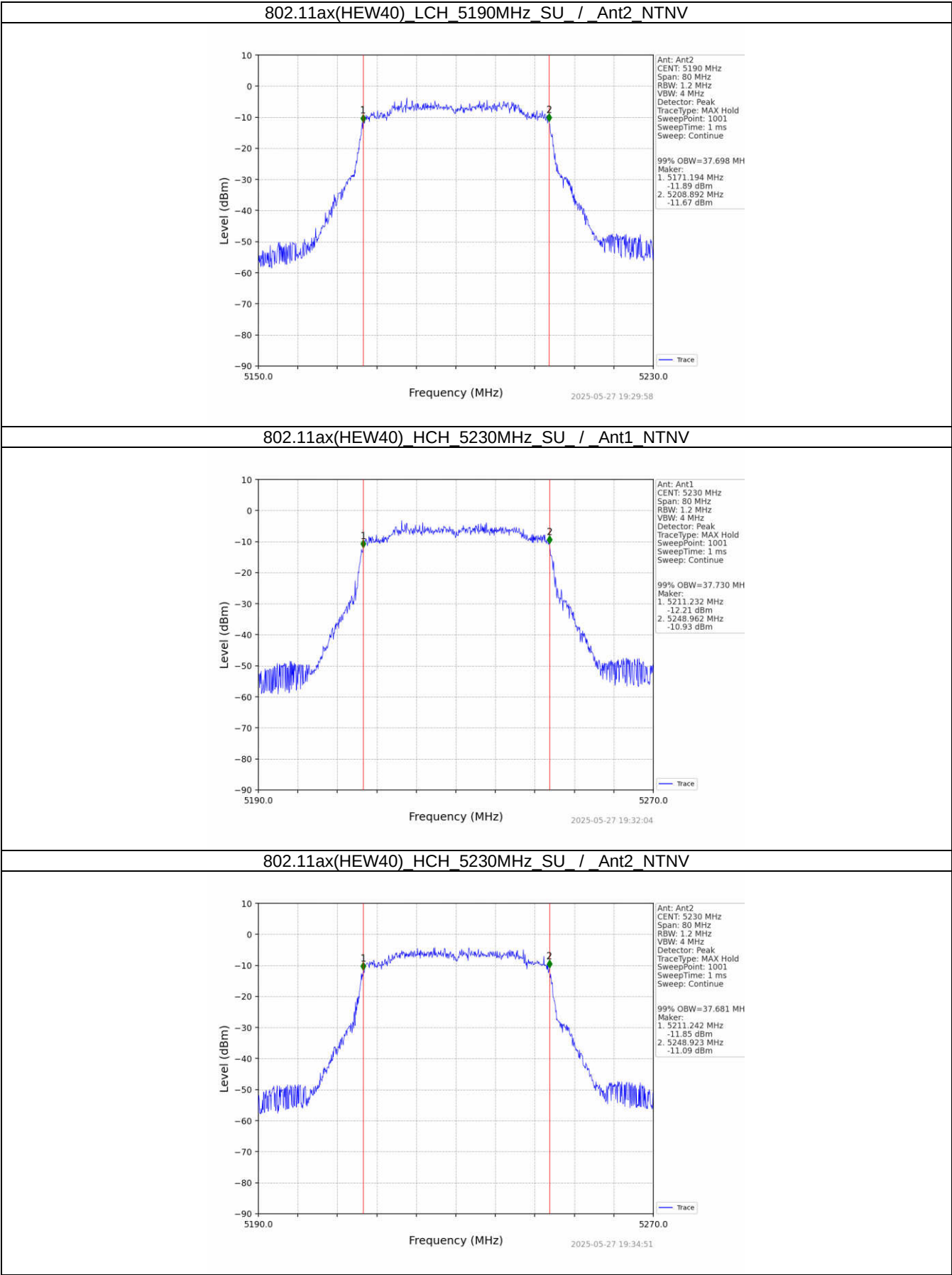


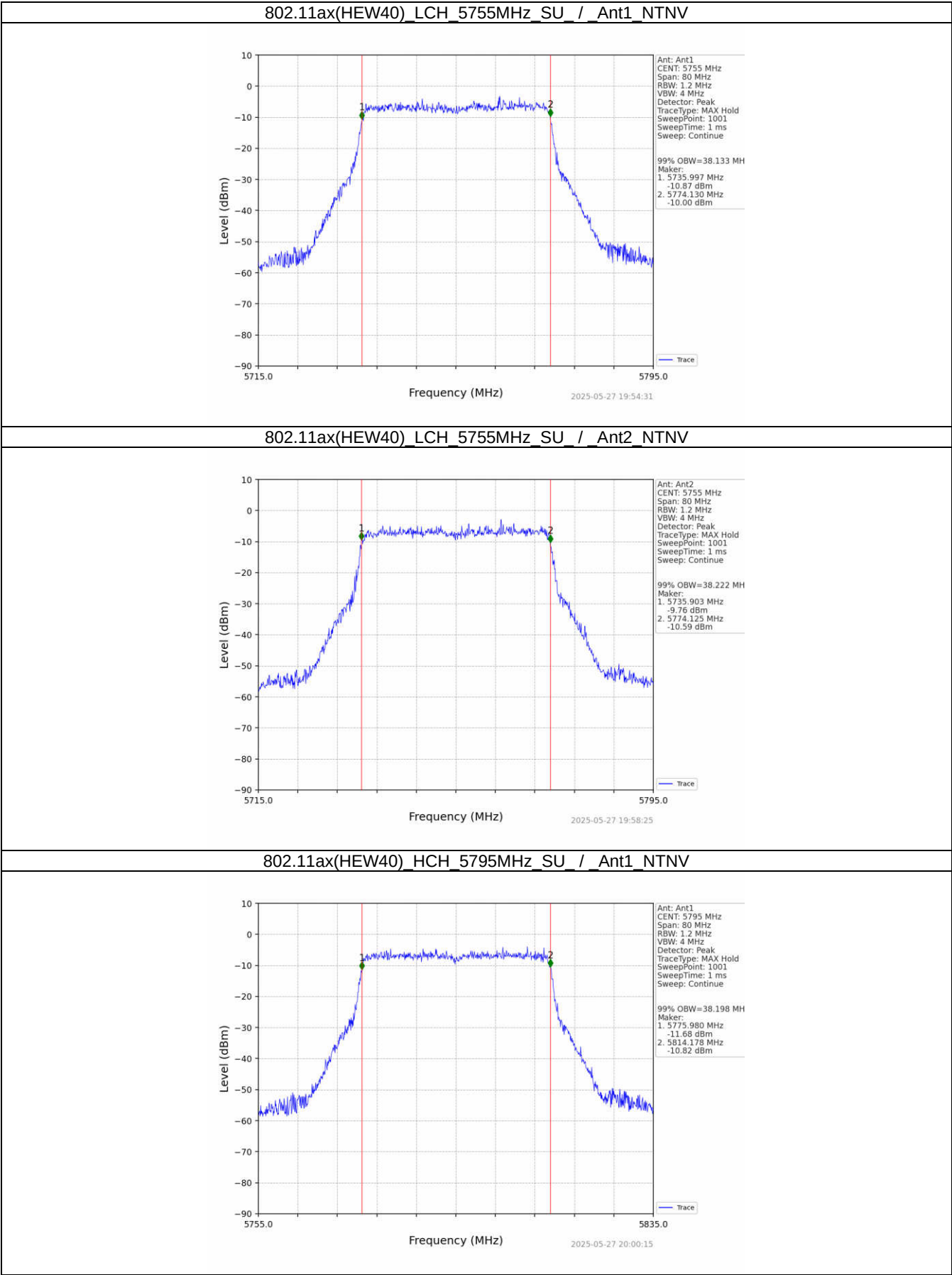


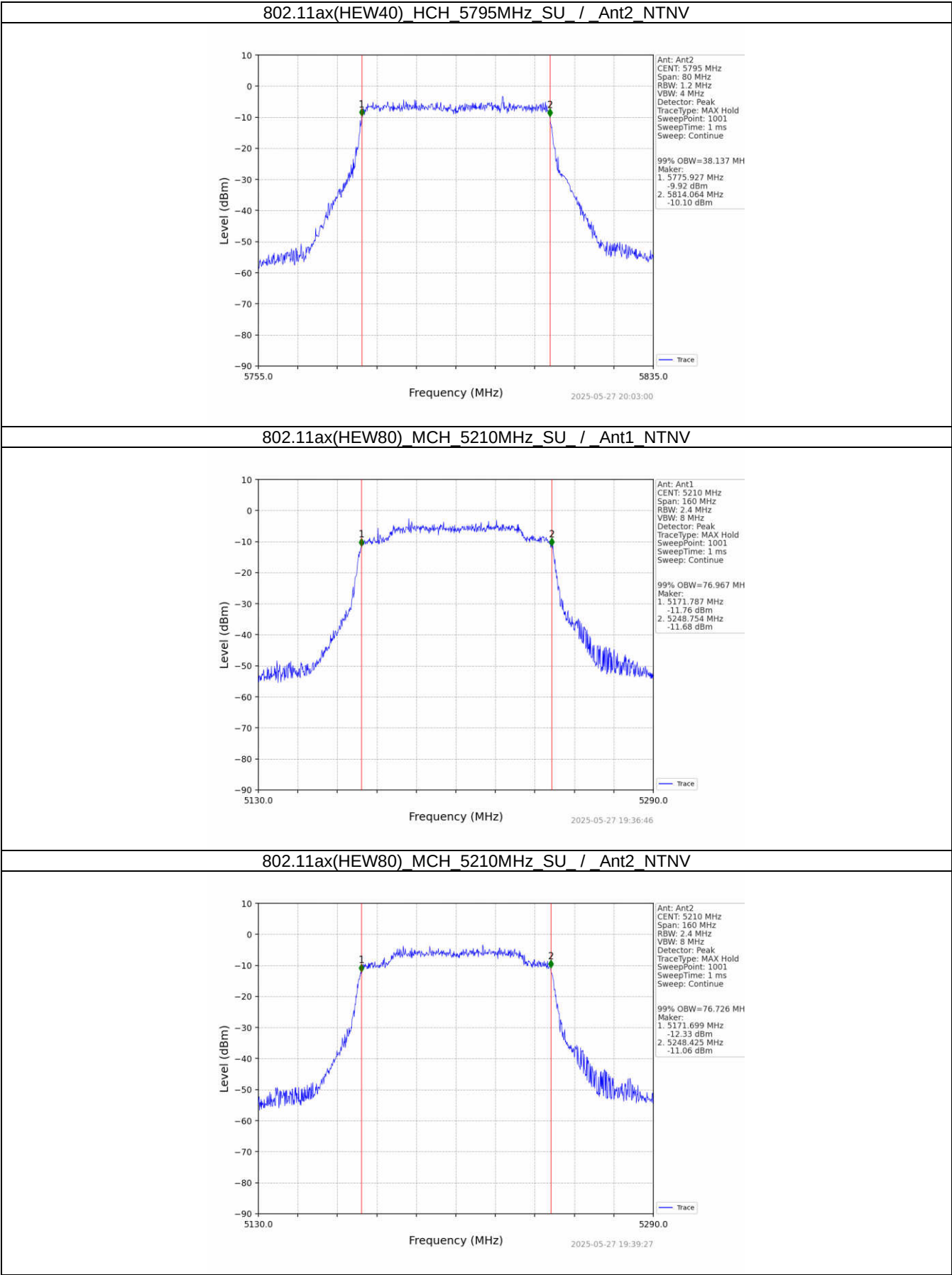


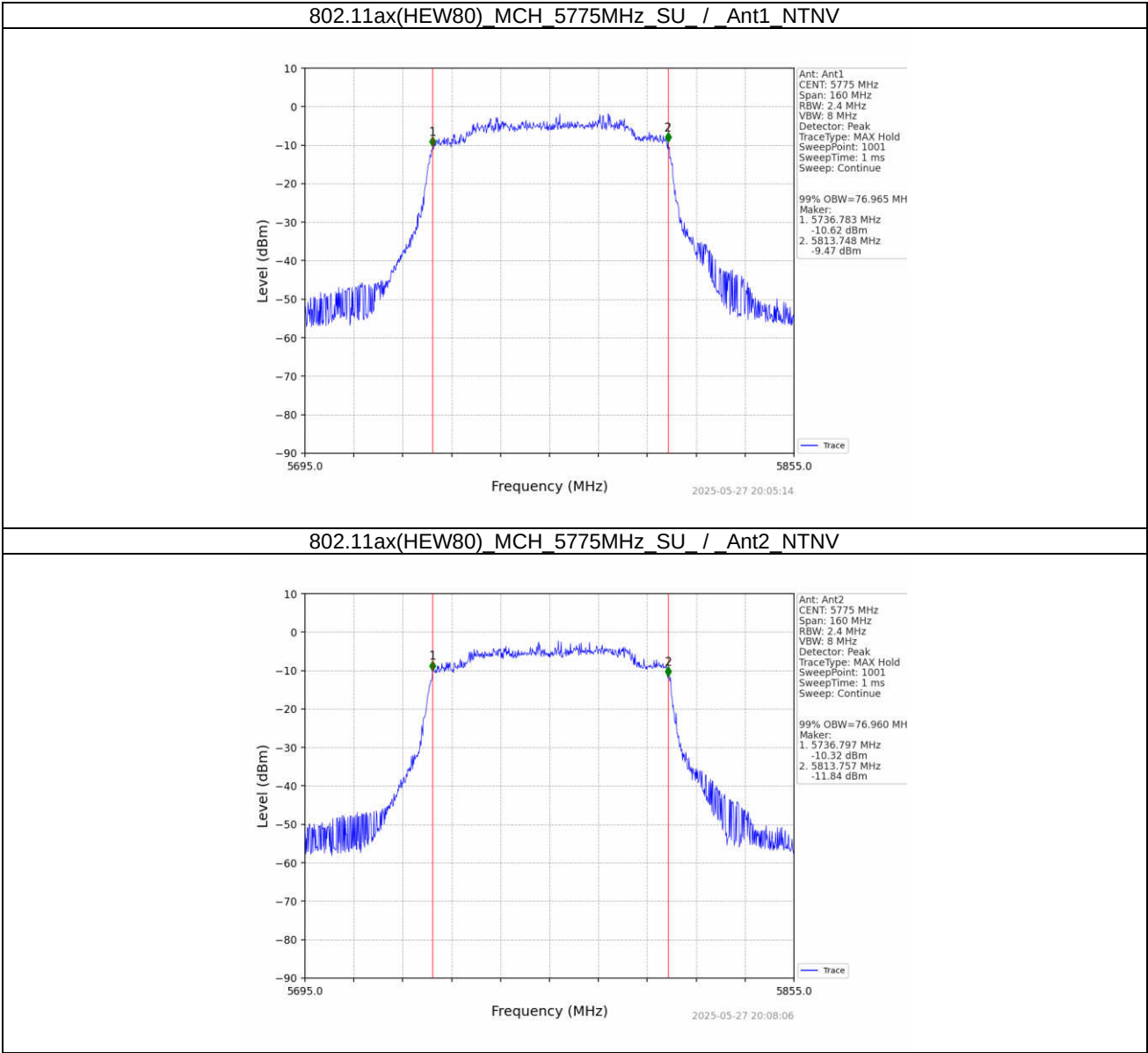












26dB Bandwidth

