

Appendix Test Data

Report No.:	1812C60009512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-6	Finish Test Date:	2026-1-7
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	21.8°C	Relative Humidity:	37%
Pressure:	101kPa		



Appendix A: Frequency Error

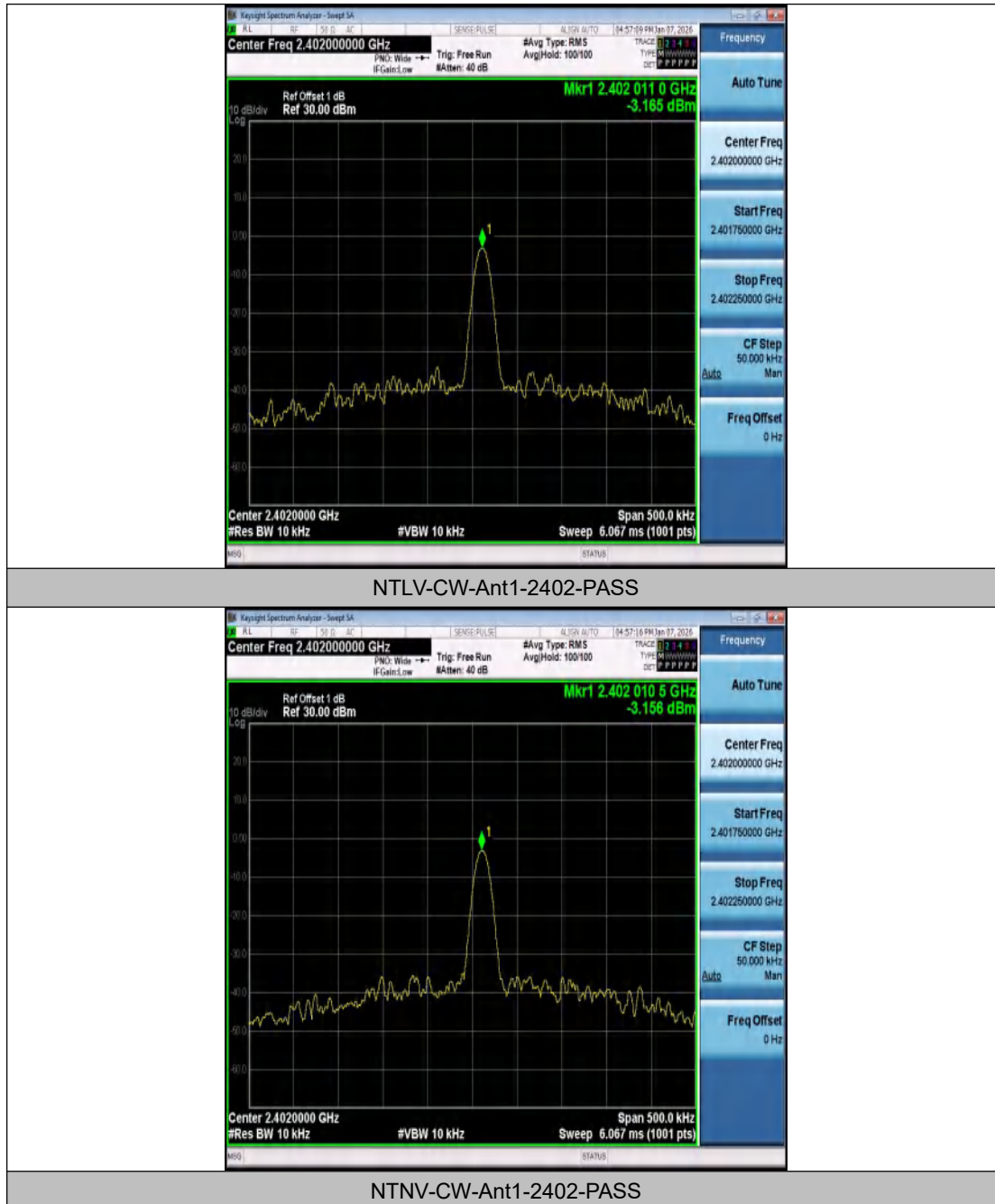
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTLV	CW	Ant1	2402	2402.011	4.57952	±50	PASS
NTNV	CW	Ant1	2402	2402.0105	4.37136	±50	PASS
NTHV	CW	Ant1	2402	2402.0105	4.37136	±50	PASS
NTLV	CW	Ant1	2440	2440.011	4.50820	±50	PASS
NTNV	CW	Ant1	2440	2440.011	4.50820	±50	PASS
NTHV	CW	Ant1	2440	2440.011	4.50820	±50	PASS
NTLV	CW	Ant1	2480	2480.011	4.43548	±50	PASS
NTNV	CW	Ant1	2480	2480.011	4.43548	±50	PASS
NTHV	CW	Ant1	2480	2480.011	4.43548	±50	PASS

Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]* 1000000



Test Graphs



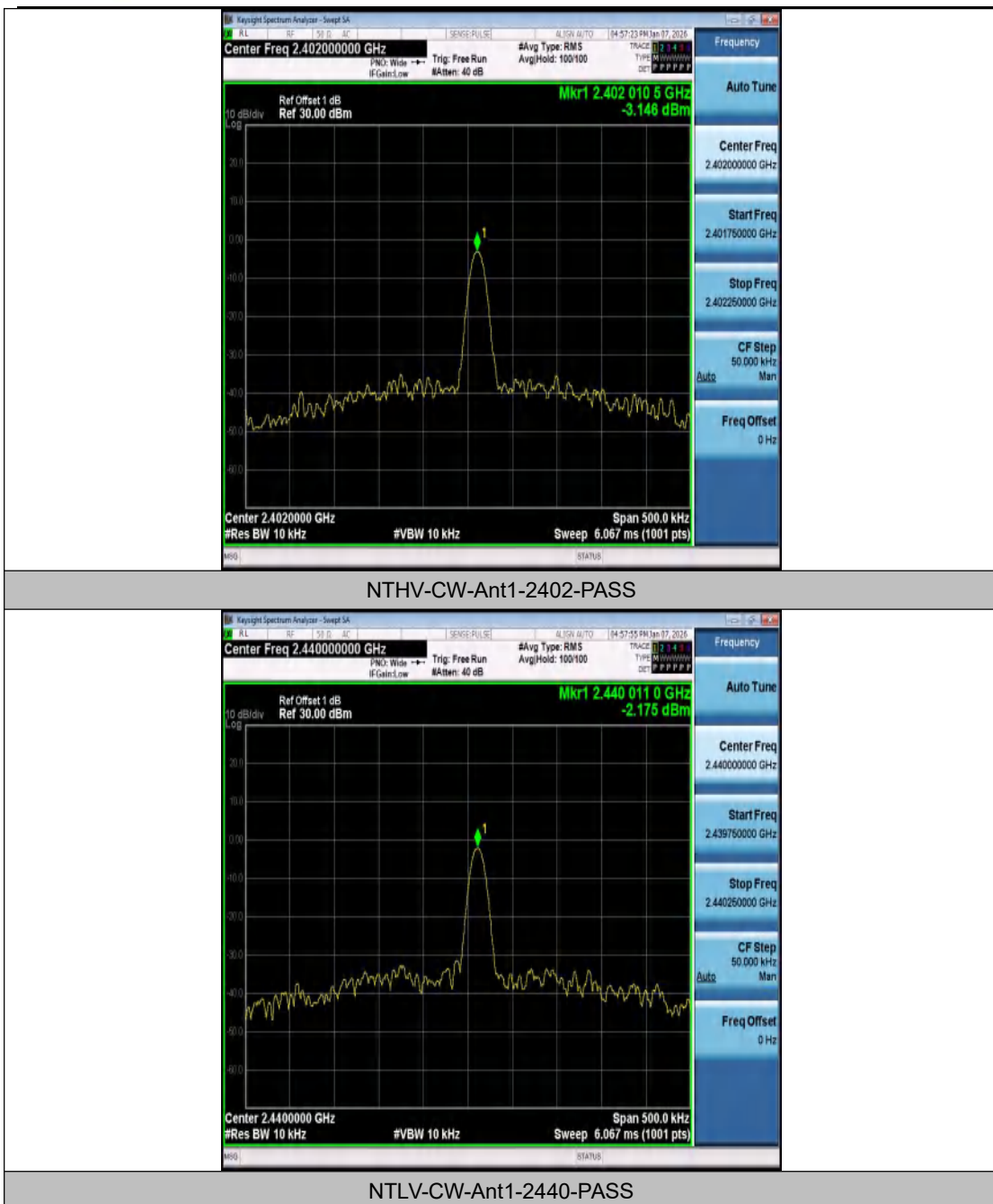
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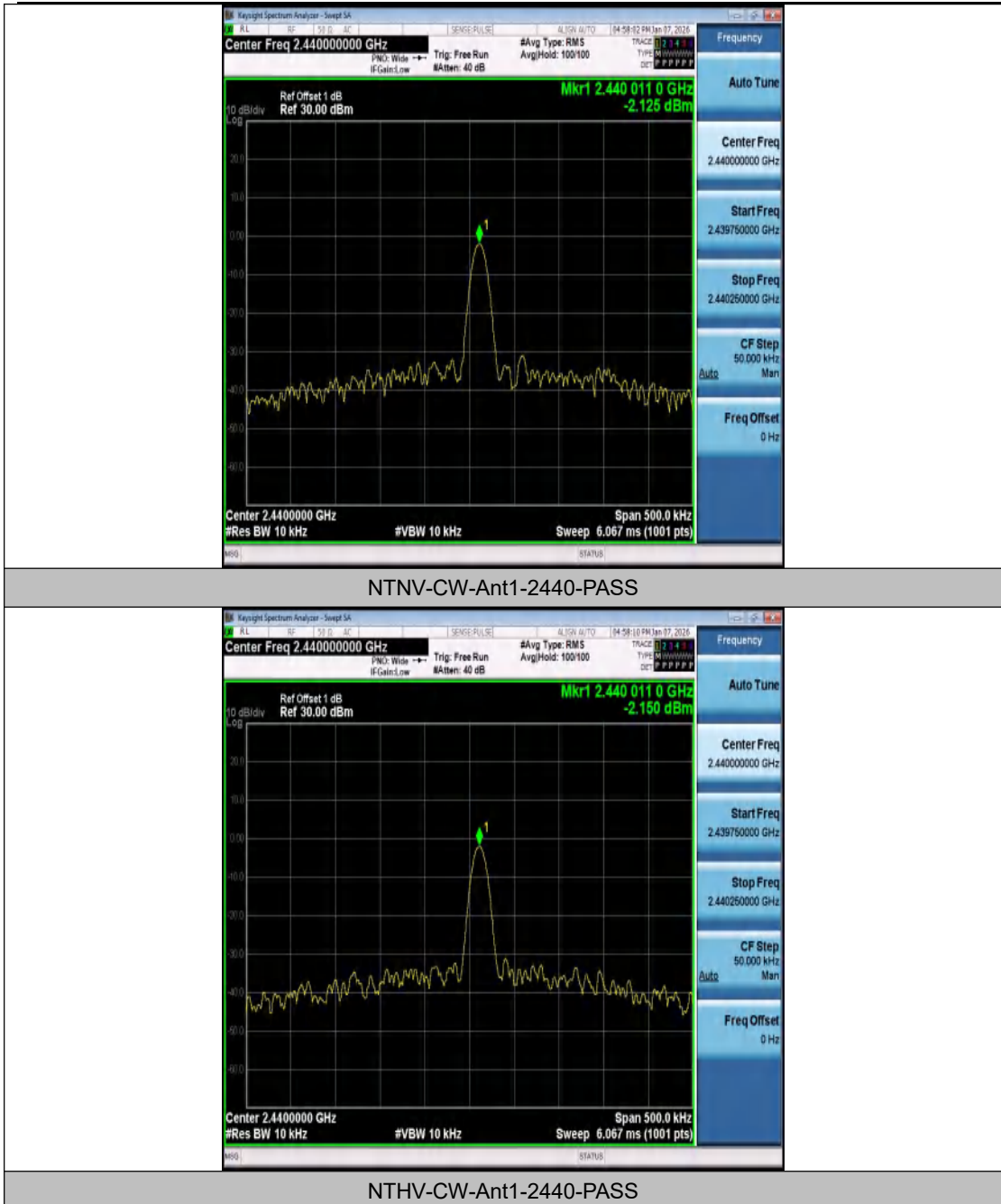
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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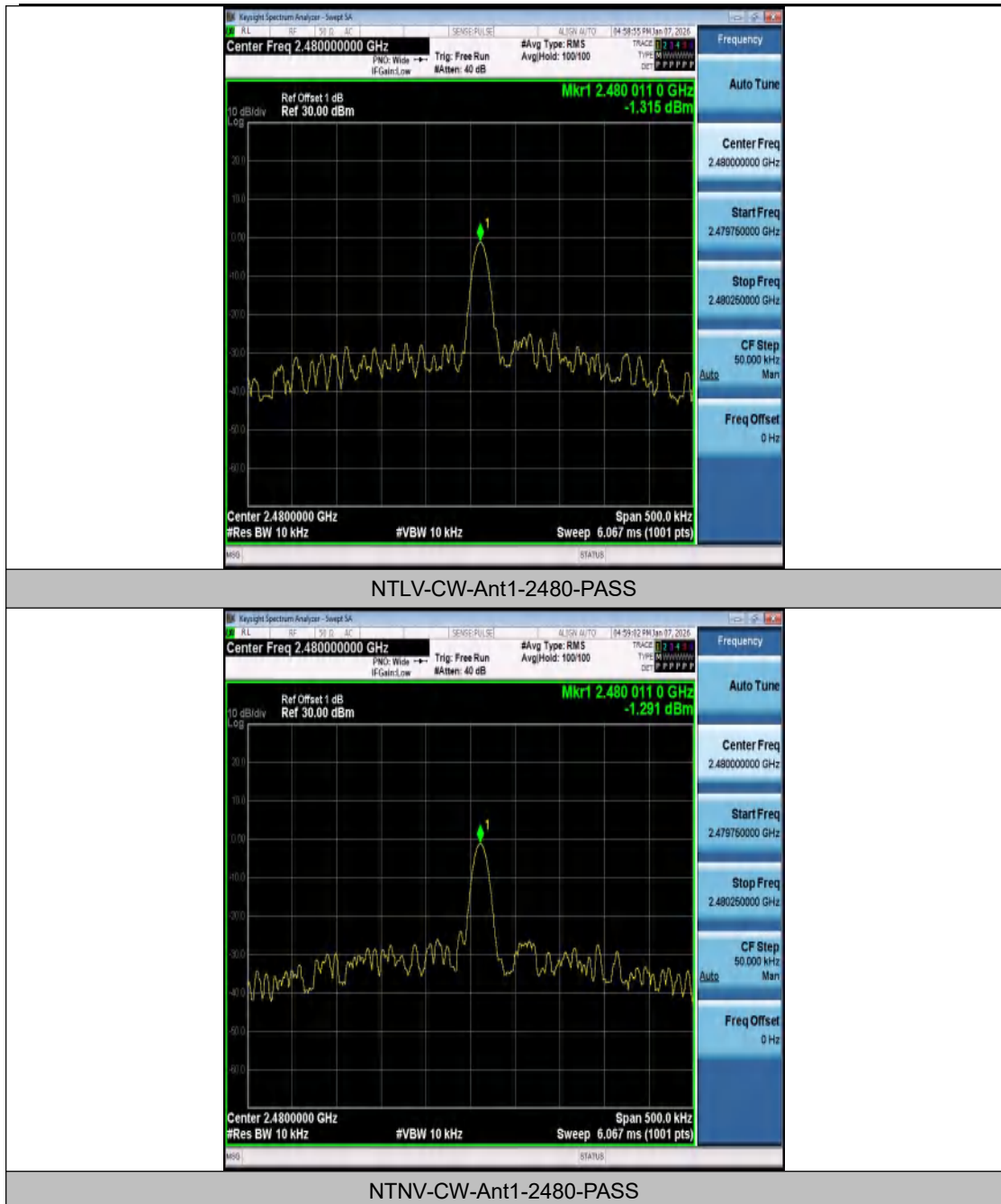


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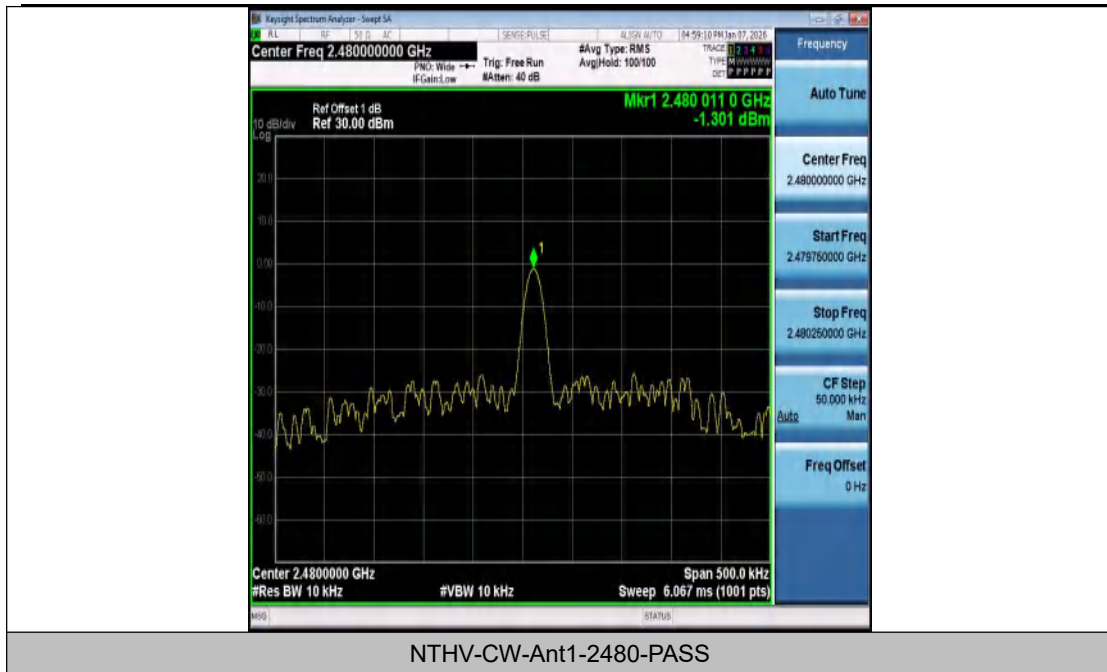
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Appendix B: Antenna Power

Test Result

Test Condition	Test Mode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTLV	BLE_1M	Ant1	2402	-1.988	0.633	≤10	PASS
NTNV	BLE_1M	Ant1	2402	-1.981	0.634	≤10	PASS
NTHV	BLE_1M	Ant1	2402	-2.008	0.630	≤10	PASS
NTLV	BLE_1M	Ant1	2440	-0.844	0.823	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-0.493	0.893	≤10	PASS
NTHV	BLE_1M	Ant1	2440	-0.702	0.851	≤10	PASS
NTLV	BLE_1M	Ant1	2480	-0.303	0.933	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-0.280	0.938	≤10	PASS
NTHV	BLE_1M	Ant1	2480	-0.295	0.934	≤10	PASS

Note: Result[mW]= $10^{(\text{Test Result[dBm]}/10)}$

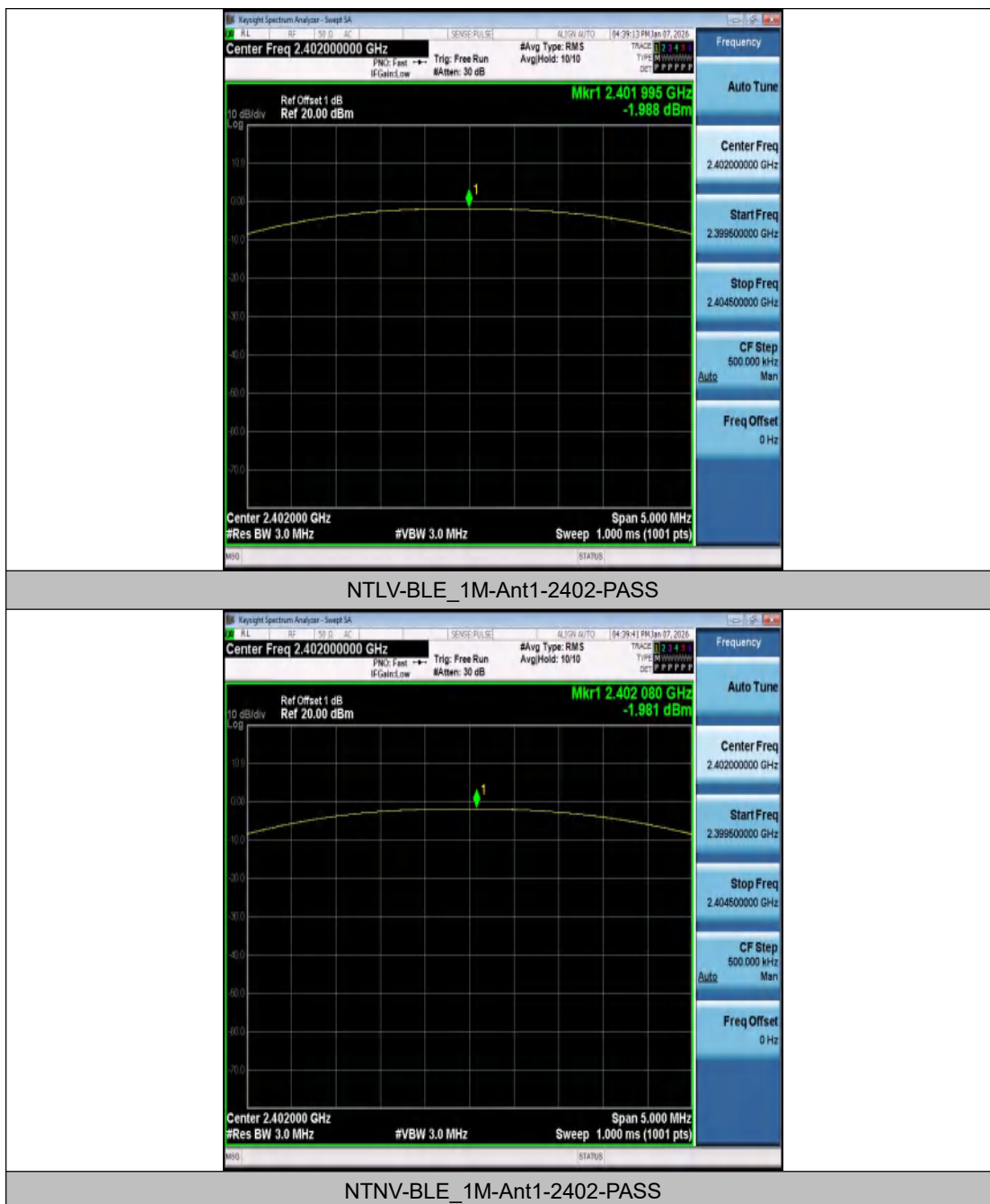
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTLV	BLE_1M	Ant1	2402	0.633	1	-36.73	+20	PASS
NTNV	BLE_1M	Ant1	2402	0.634	1	-36.63	+20	PASS
NTHV	BLE_1M	Ant1	2402	0.630	1	-37.02	+20	PASS
NTLV	BLE_1M	Ant1	2440	0.823	1	-17.66	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.893	1	-10.73	+20	PASS
NTHV	BLE_1M	Ant1	2440	0.851	1	-14.93	+20	PASS
NTLV	BLE_1M	Ant1	2480	0.933	1	-6.74	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.938	1	-6.24	+20	PASS
NTHV	BLE_1M	Ant1	2480	0.934	1	-6.57	+20	PASS

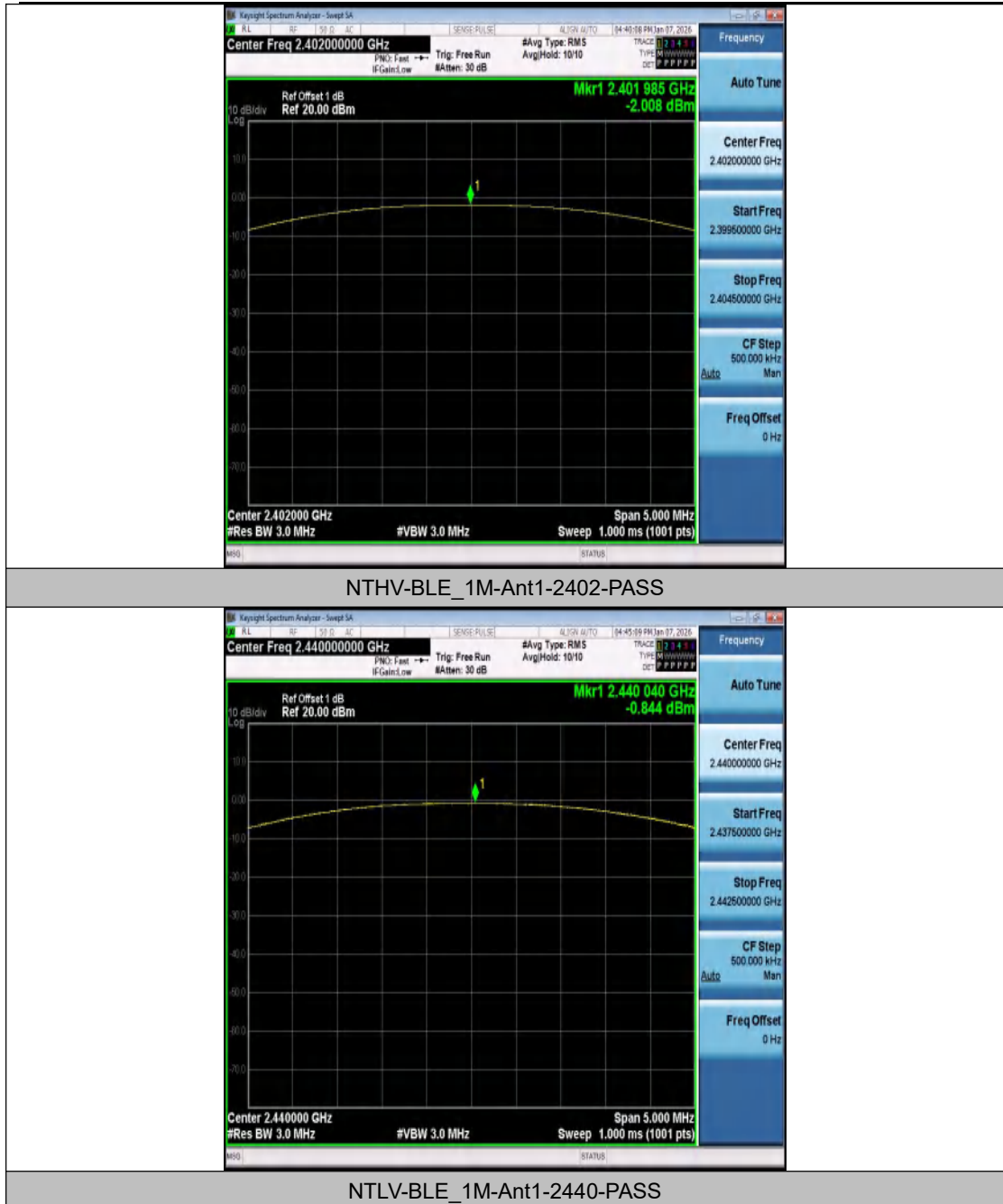
Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTLV	BLE_1M	Ant1	2402	-1.988	0.00	-1.988	≤12.14	PASS
NTNV	BLE_1M	Ant1	2402	-1.981	0.00	-1.981	≤12.14	PASS
NTHV	BLE_1M	Ant1	2402	-2.008	0.00	-2.008	≤12.14	PASS
NTLV	BLE_1M	Ant1	2440	-0.844	0.00	-0.844	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-0.493	0.00	-0.493	≤12.14	PASS
NTHV	BLE_1M	Ant1	2440	-0.702	0.00	-0.702	≤12.14	PASS
NTLV	BLE_1M	Ant1	2480	-0.303	0.00	-0.303	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-0.280	0.00	-0.280	≤12.14	PASS
NTHV	BLE_1M	Ant1	2480	-0.295	0.00	-0.295	≤12.14	PASS

Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs





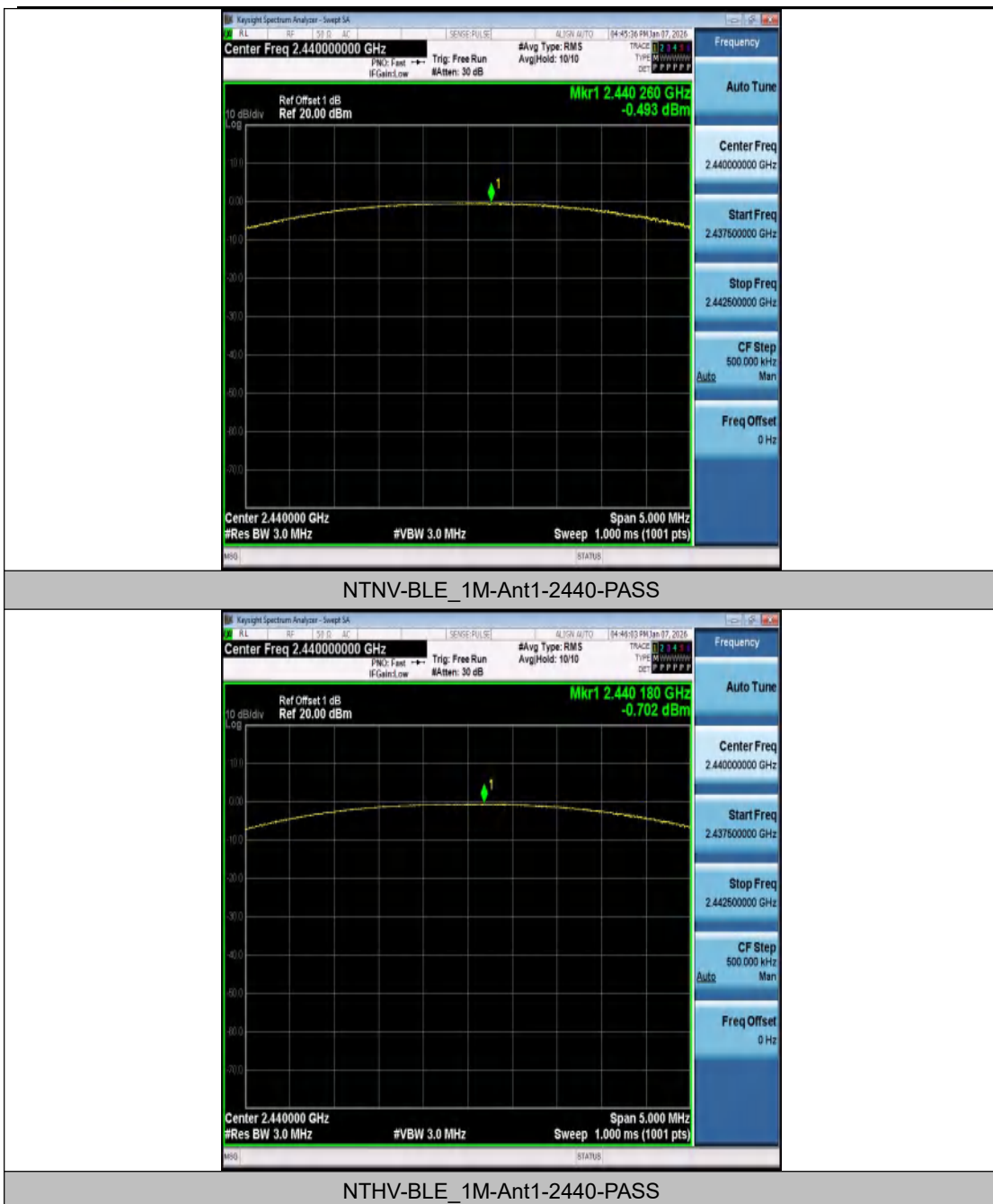
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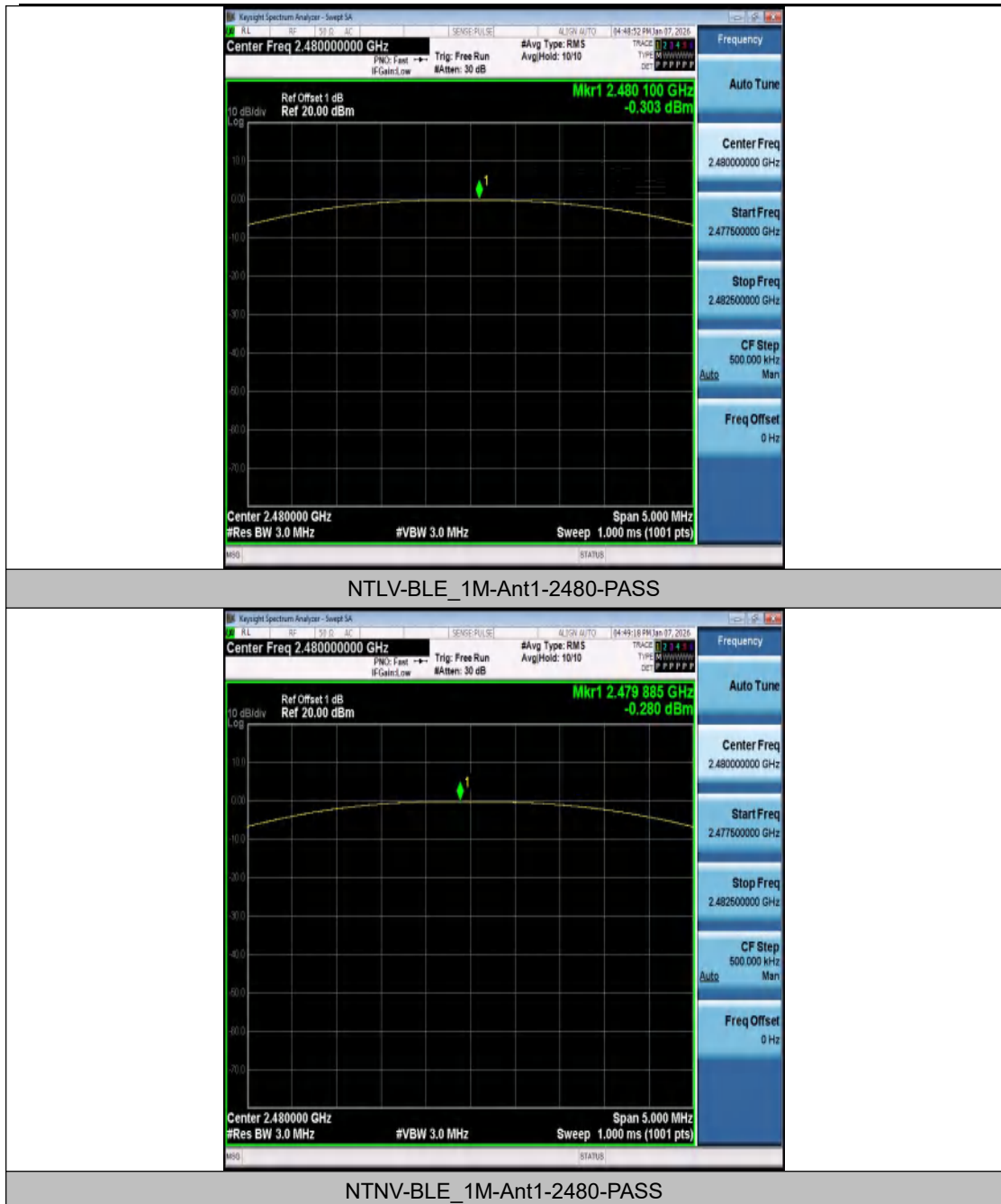
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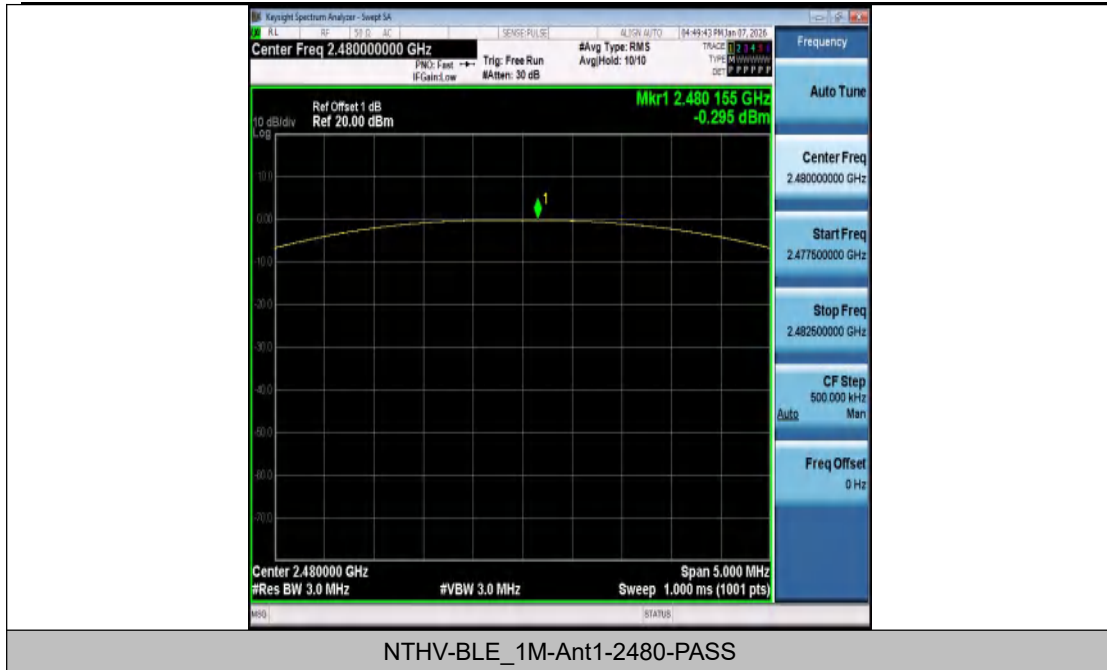
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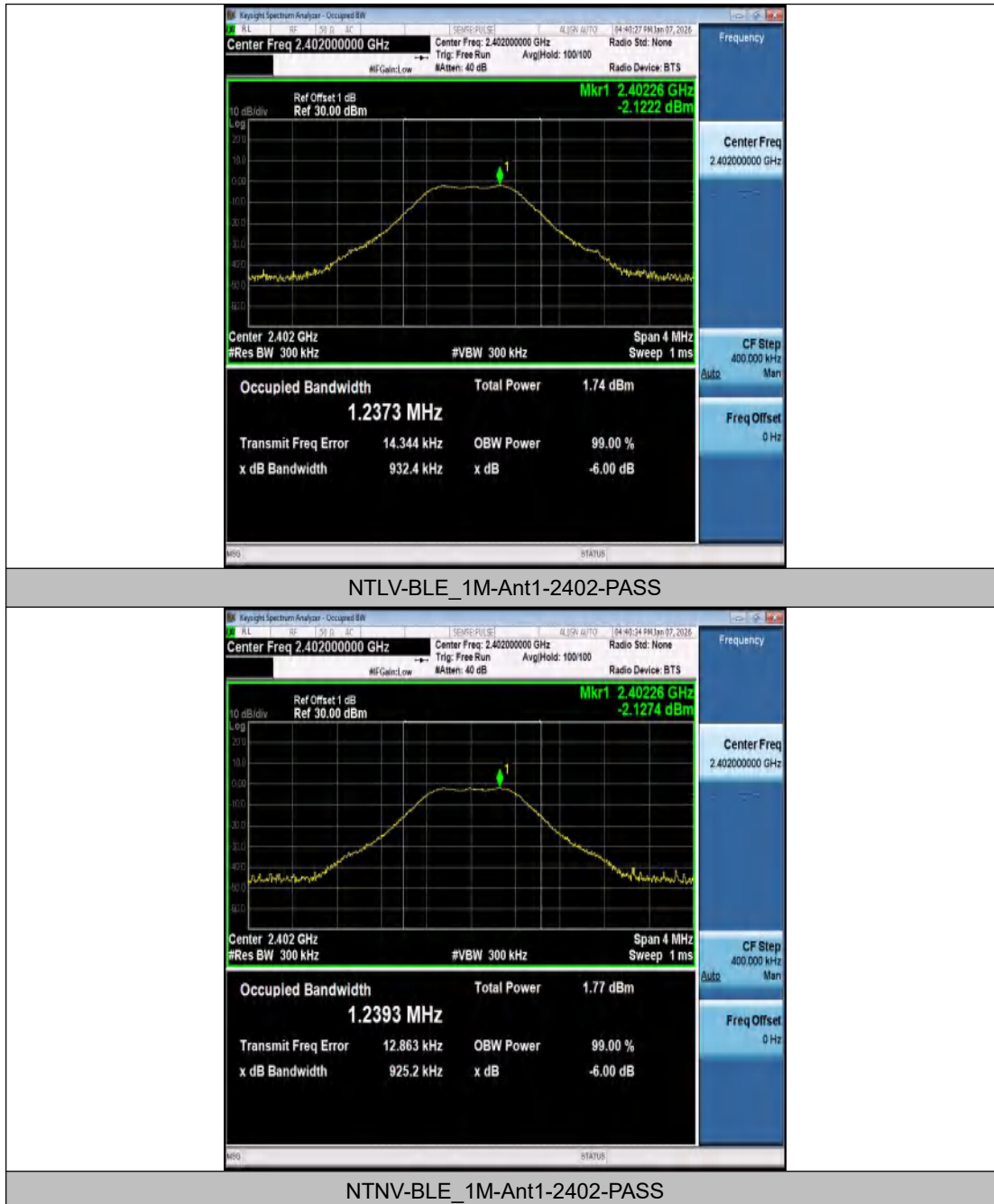
Appendix C: Occupied Bandwidth

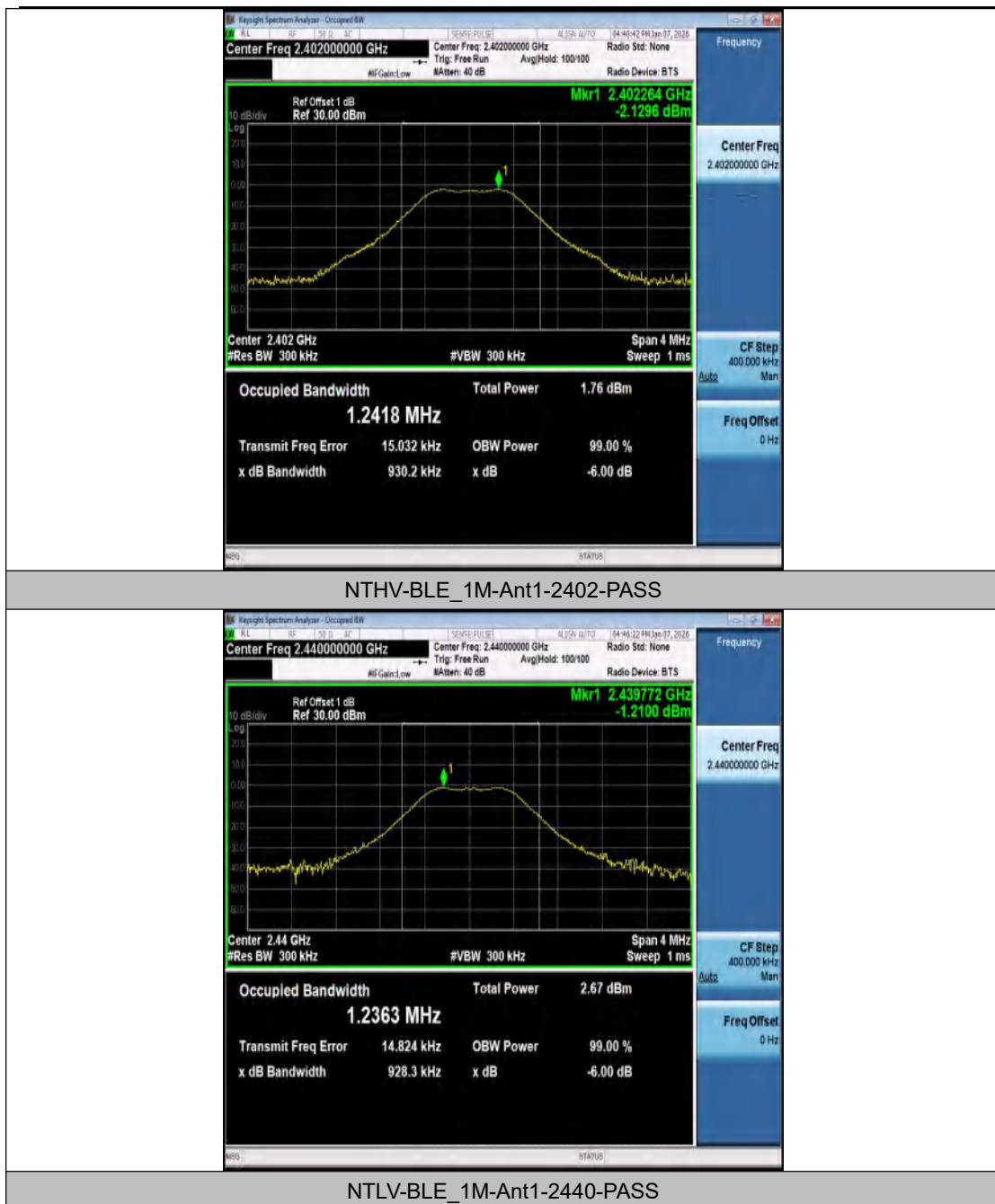
Test Result

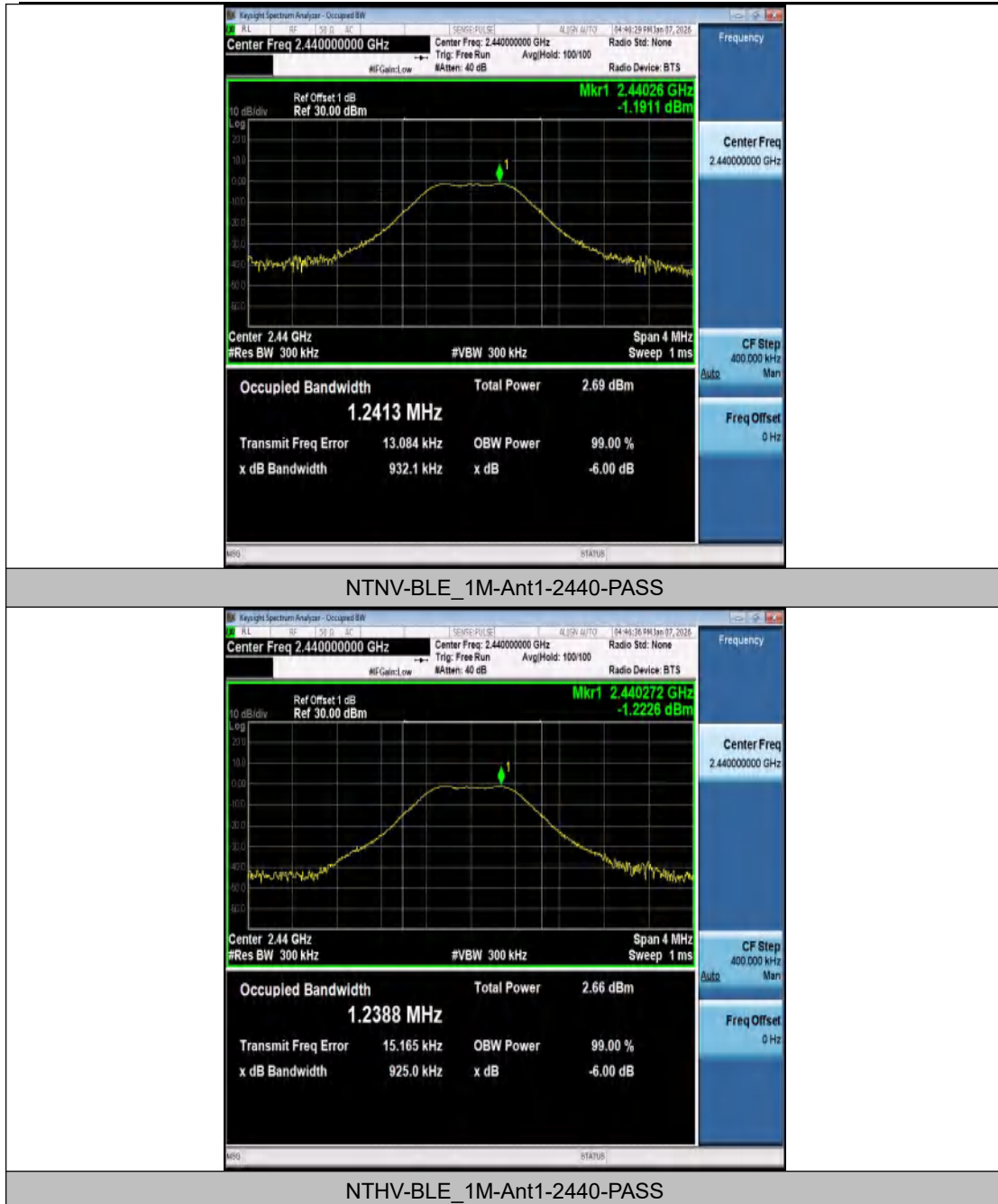
TestCondition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	1.237	≤26	PASS
NTNV	BLE_1M	Ant1	2402	1.239	≤26	PASS
NTHV	BLE_1M	Ant1	2402	1.242	≤26	PASS
NTLV	BLE_1M	Ant1	2440	1.236	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.241	≤26	PASS
NTHV	BLE_1M	Ant1	2440	1.239	≤26	PASS
NTLV	BLE_1M	Ant1	2480	1.235	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.236	≤26	PASS
NTHV	BLE_1M	Ant1	2480	1.235	≤26	PASS

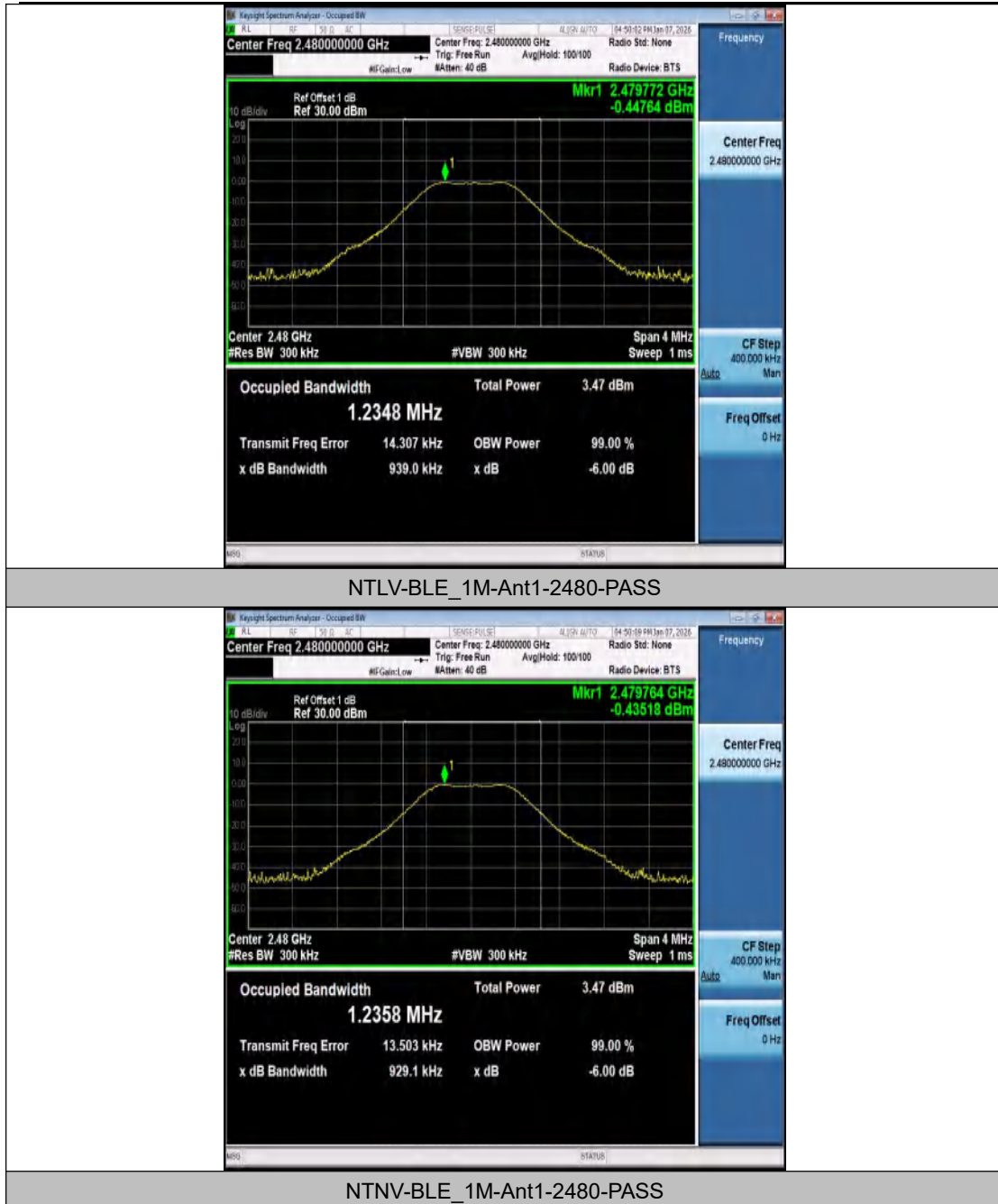


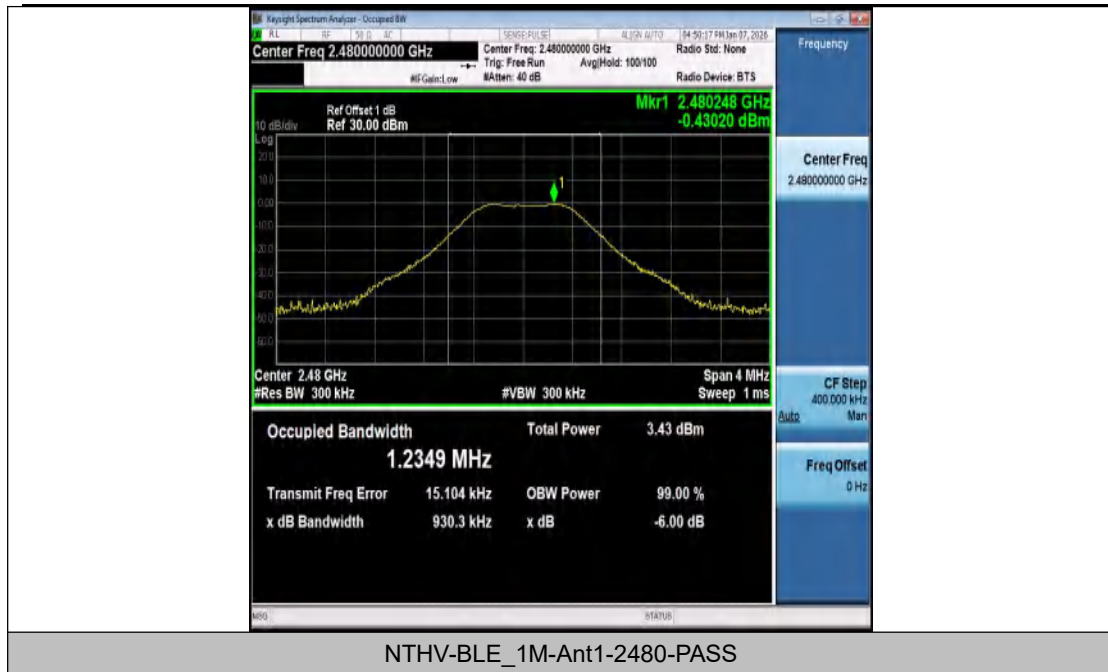
Test Graphs











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Appendix D: Spurious Emission of TX

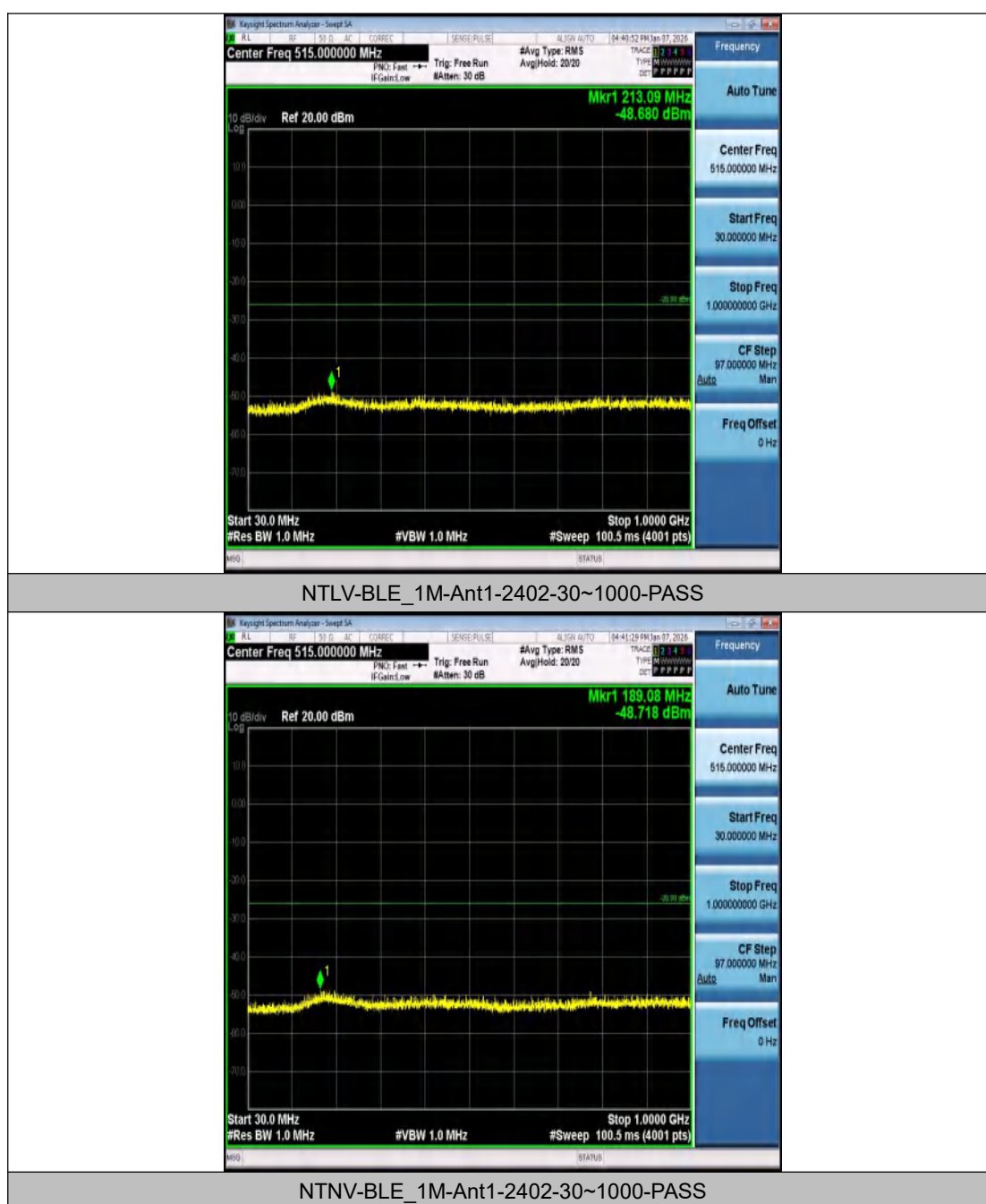
Test Result

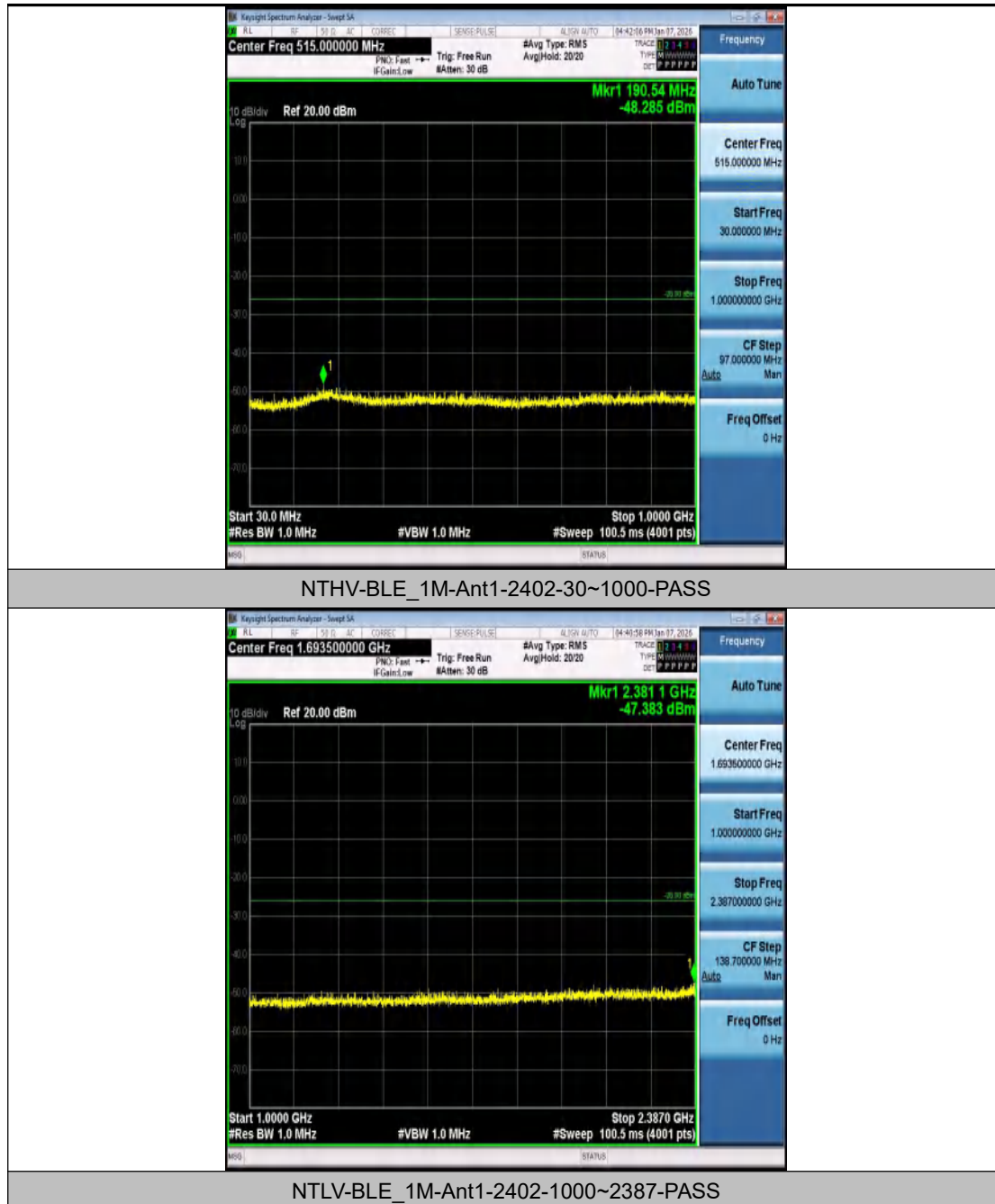
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	30~1000	213.09	-48.68	≤-26	0.01355	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	30~1000	189.08	-48.72	≤-26	0.01343	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	30~1000	190.54	-48.29	≤-26	0.01483	≤2.5	PASS
NTLV	BLE_1M	Ant1	2402	1000~2387	2381.11	-47.38	≤-26	0.01828	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2373.82	-47.64	≤-26	0.01722	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	1000~2387	2373.82	-46.94	≤-26	0.02023	≤2.5	PASS
NTLV	BLE_1M	Ant1	2402	2387~2400	2399.94	-35.74	≤-16	0.26669	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.96	-36.08	≤-16	0.24660	≤25	PASS
NTHV	BLE_1M	Ant1	2402	2387~2400	2399.97	-35.85	≤-16	0.26002	≤25	PASS
NTLV	BLE_1M	Ant1	2402	2483.5~2496.5	2483.77	-47.19	≤-16	0.01910	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2486.07	-47.48	≤-16	0.01786	≤25	PASS
NTHV	BLE_1M	Ant1	2402	2483.5~2496.5	2489.21	-47.04	≤-16	0.01977	≤25	PASS
NTLV	BLE_1M	Ant1	2402	2496.5~13000	5198.00	-40.22	≤-26	0.09506	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	5620.24	-42.12	≤-26	0.06138	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	2496.5~13000	5626.02	-40.73	≤-26	0.08453	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	30~1000	238.79	-48.73	≤-26	0.01340	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	213.33	-48.62	≤-26	0.01374	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	30~1000	199.99	-49.07	≤-26	0.01239	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	1000~2387	2122.43	-47.44	≤-26	0.01803	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2357.87	-47.55	≤-26	0.01758	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	1000~2387	2242.75	-47.19	≤-26	0.01910	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	2387~2400	2398.49	-47.17	≤-16	0.01919	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2397.29	-47.22	≤-16	0.01897	≤25	PASS
NTHV	BLE_1M	Ant1	2440	2387~2400	2397.50	-46.97	≤-16	0.02009	≤25	PASS
NTLV	BLE_1M	Ant1	2440	2483.5~2496.5	2487.33	-46.83	≤-16	0.02075	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2489.12	-47.05	≤-16	0.01972	≤25	PASS
NTHV	BLE_1M	Ant1	2440	2483.5~2496.5	2488.02	-47.01	≤-16	0.01991	≤25	PASS
NTLV	BLE_1M	Ant1	2440	2496.5~13000	5763.61	-39.81	≤-26	0.10447	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	5201.68	-44.31	≤-26	0.03707	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	2496.5~13000	6204.24	-45.15	≤-26	0.03055	≤2.5	PASS
NTLV	BLE_1M	Ant1	2480	30~1000	190.29	-48.51	≤-26	0.01409	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	210.91	-48.82	≤-26	0.01312	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	30~1000	204.12	-49.00	≤-26	0.01259	≤2.5	PASS
NTLV	BLE_1M	Ant1	2480	1000~2387	2356.49	-48.02	≤-26	0.01578	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2336.03	-47.39	≤-26	0.01824	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	1000~2387	2196.98	-47.62	≤-26	0.01730	≤2.5	PASS

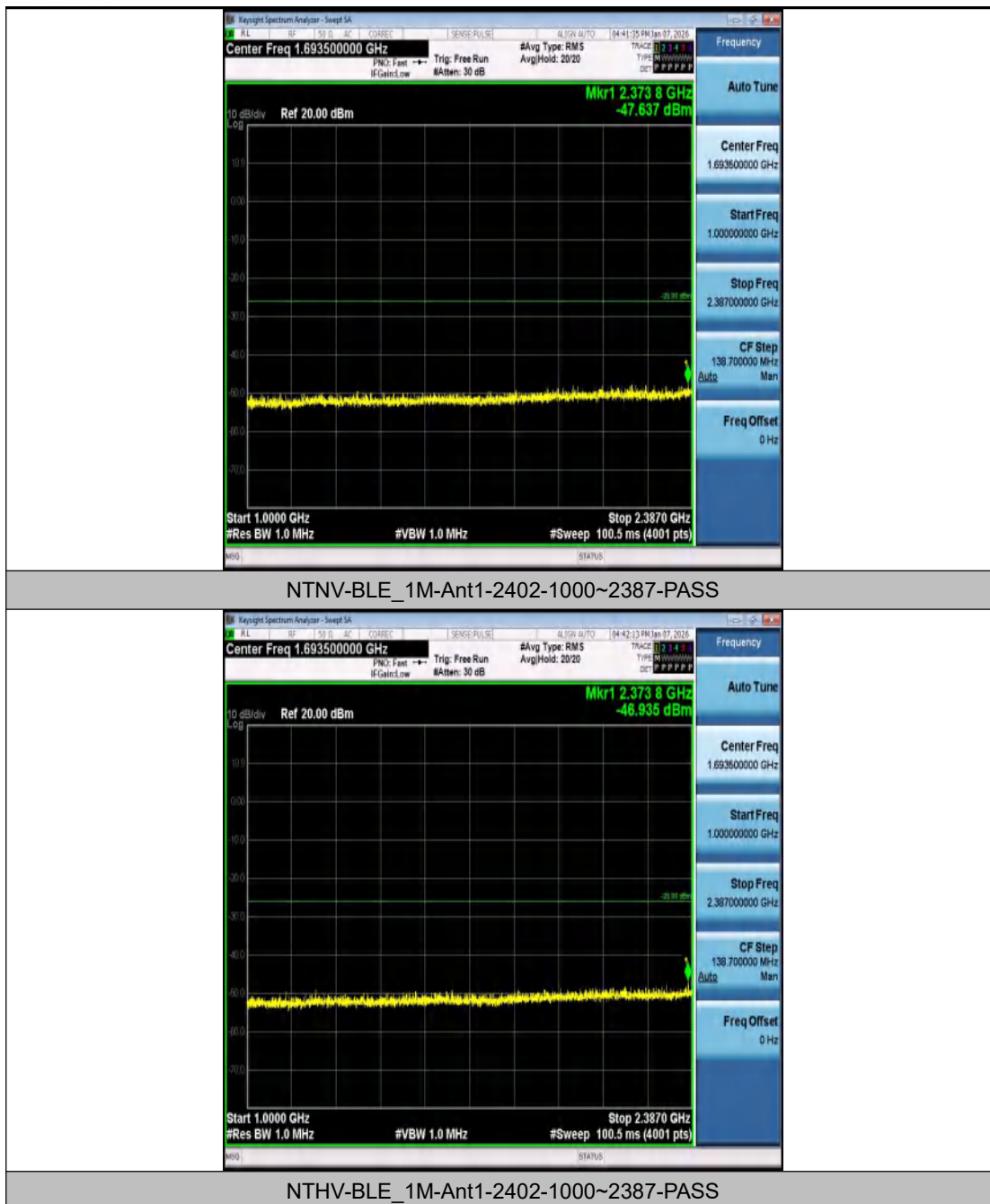


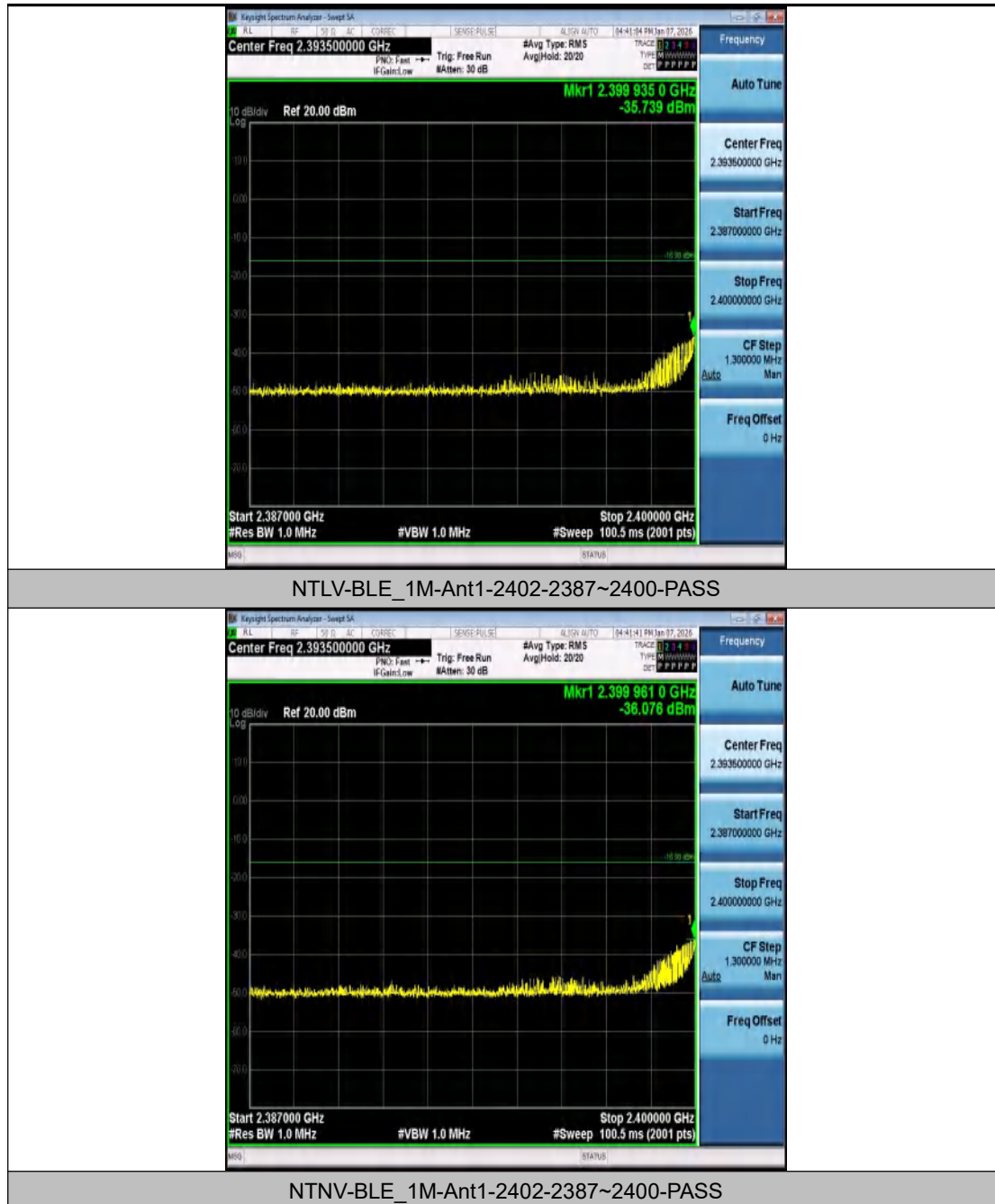
NTLV	BLE_1M	Ant1	2480	2387~2400	2397.42	-47.14	≤-16	0.01932	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2388.42	-47.33	≤-16	0.01849	≤25	PASS
NTHV	BLE_1M	Ant1	2480	2387~2400	2392.08	-47.30	≤-16	0.01862	≤25	PASS
NTLV	BLE_1M	Ant1	2480	2483.5~2496.5	2486.14	-43.10	≤-16	0.04898	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.54	-42.50	≤-16	0.05623	≤25	PASS
NTHV	BLE_1M	Ant1	2480	2483.5~2496.5	2486.00	-42.73	≤-16	0.05333	≤25	PASS
NTLV	BLE_1M	Ant1	2480	2496.5~13000	12419.16	-45.49	≤-26	0.02825	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	5755.74	-42.72	≤-26	0.05346	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	2496.5~13000	12370.84	-44.42	≤-26	0.03614	≤2.5	PASS

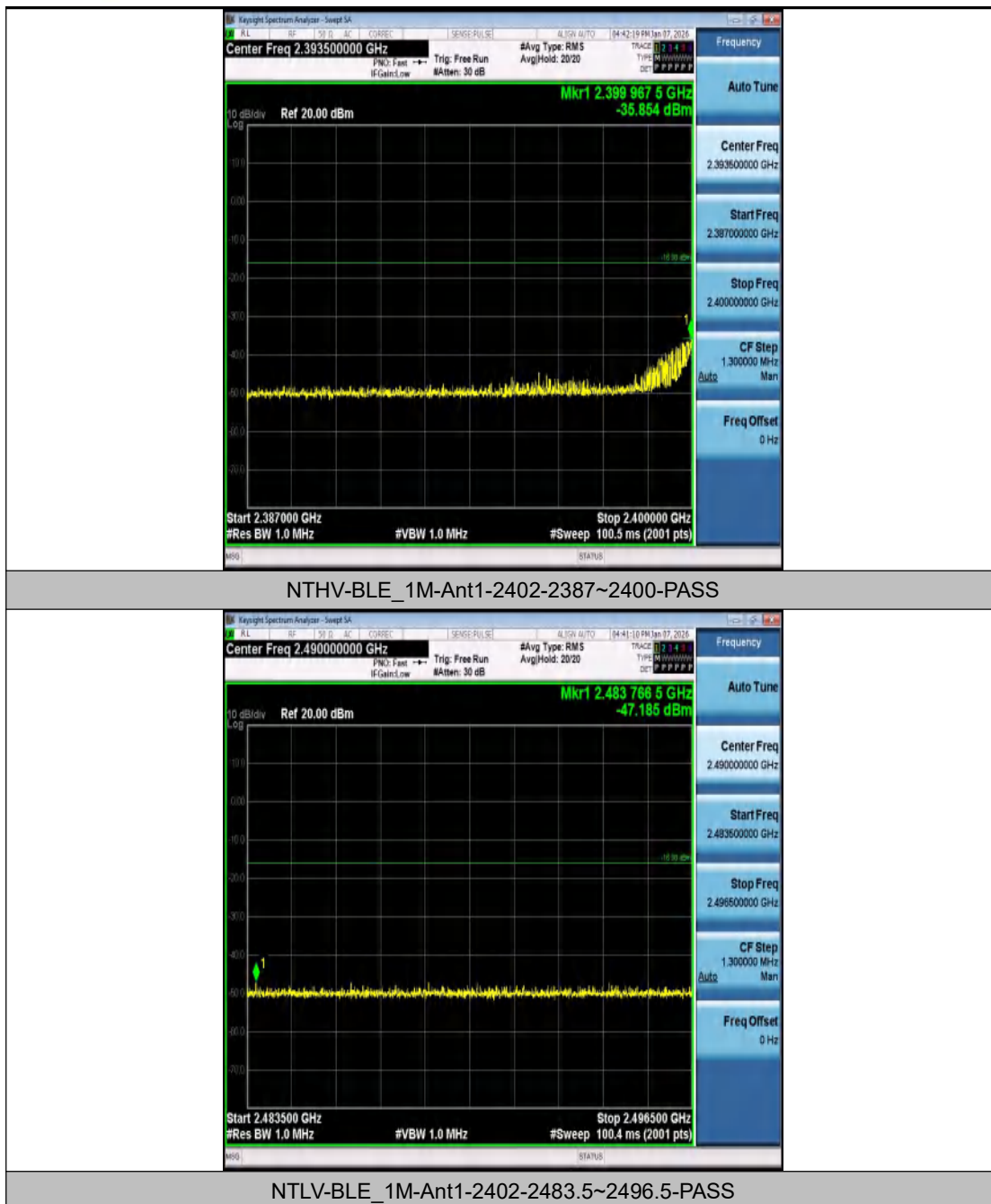
Test Graphs

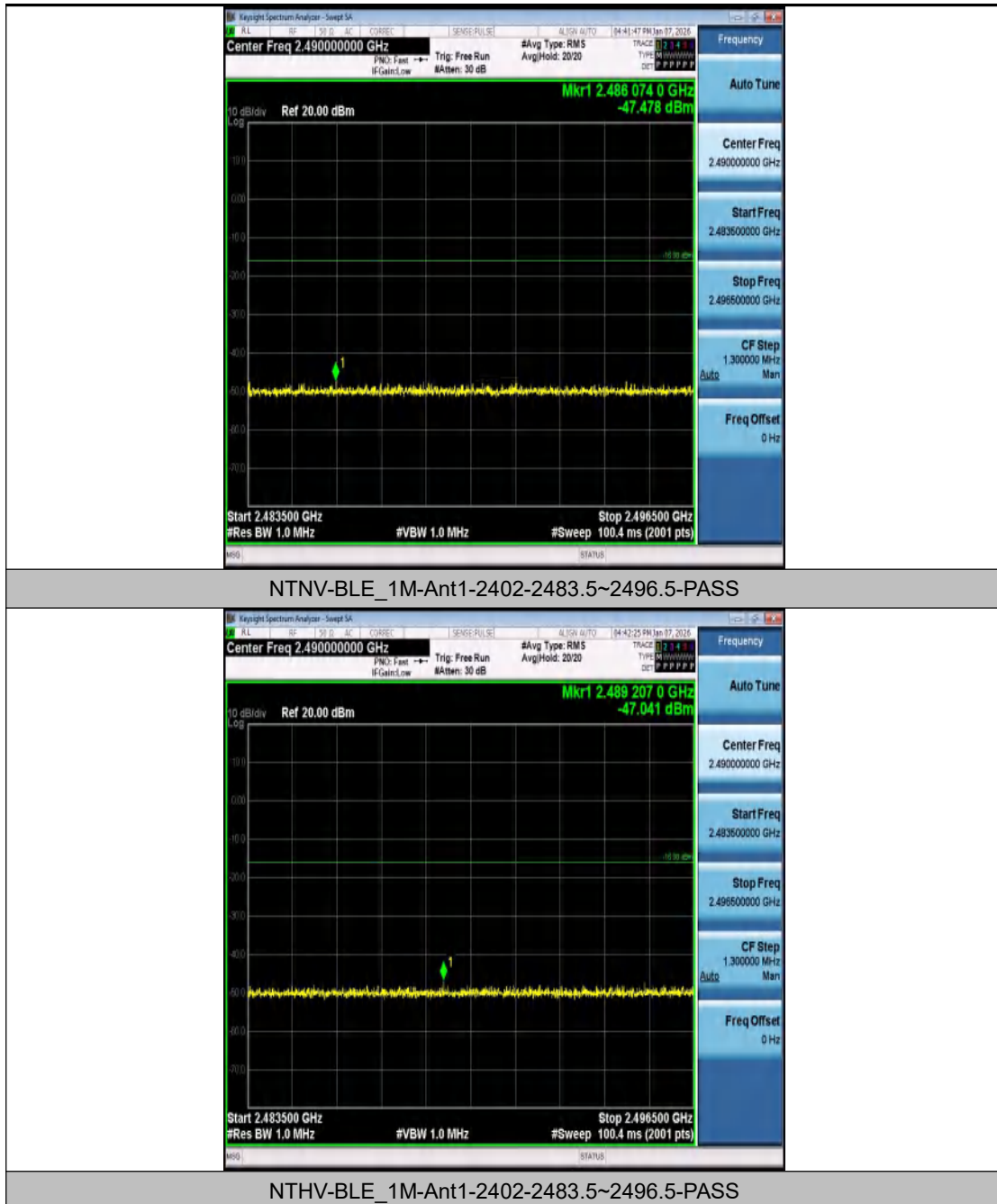


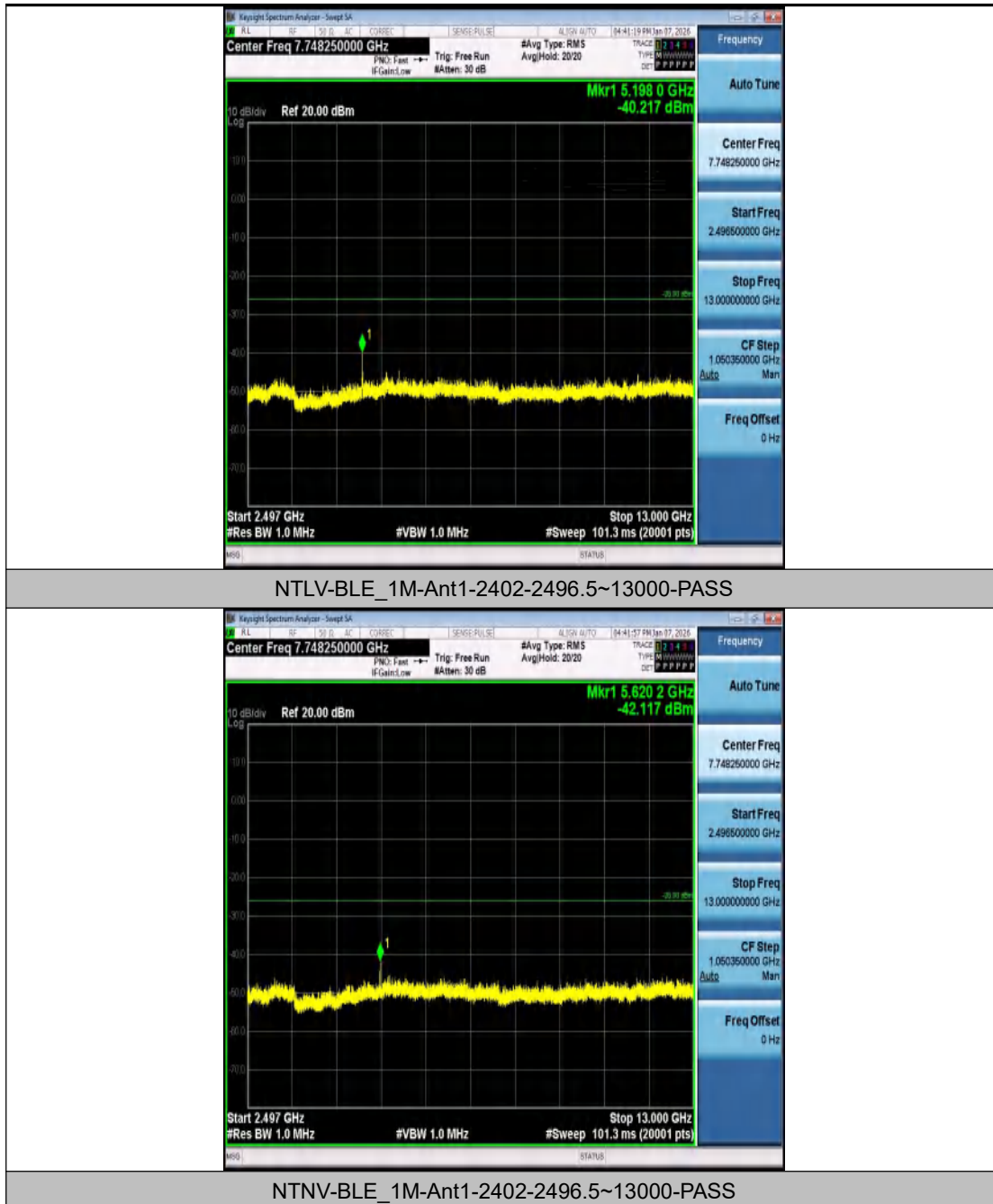


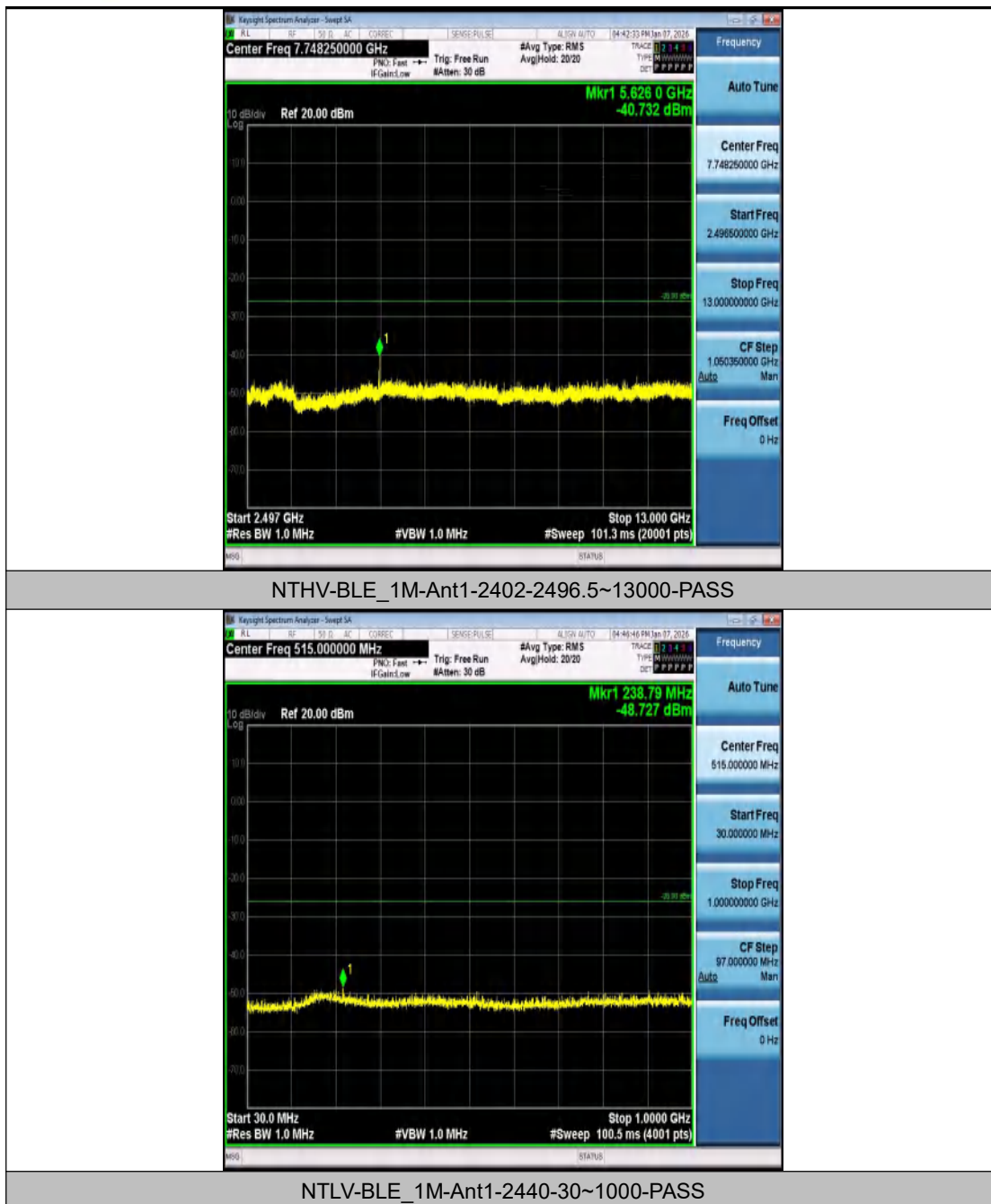


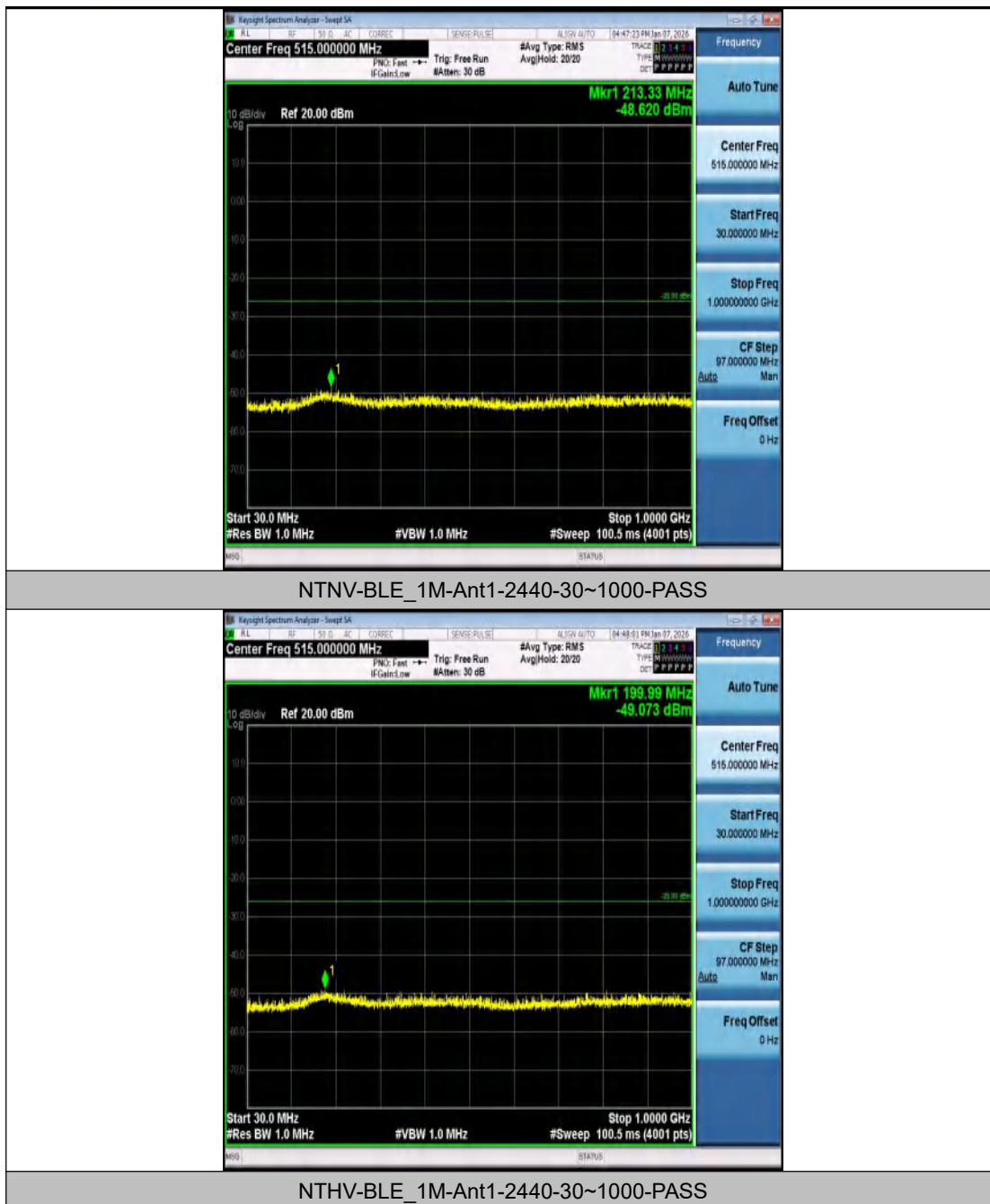


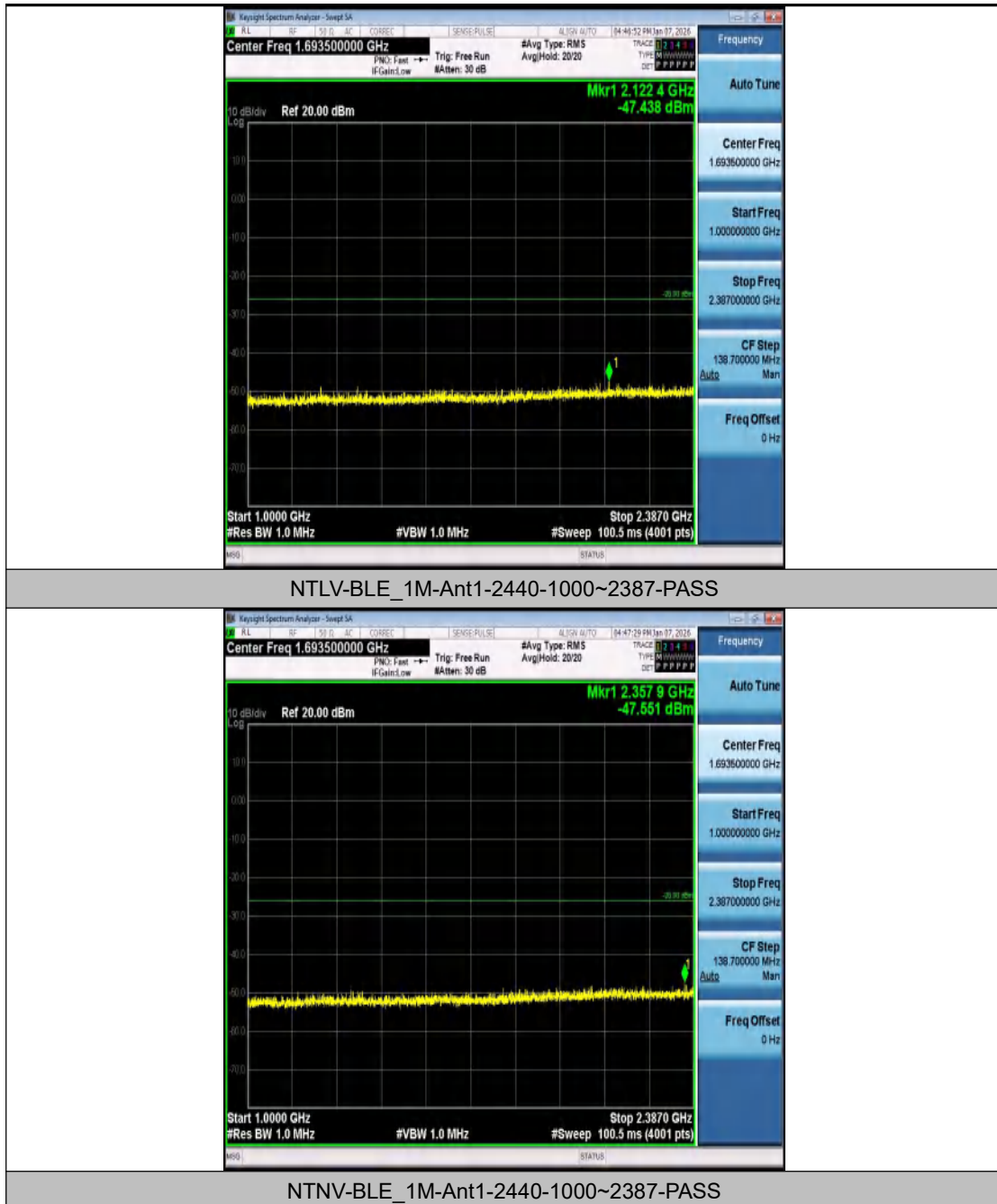


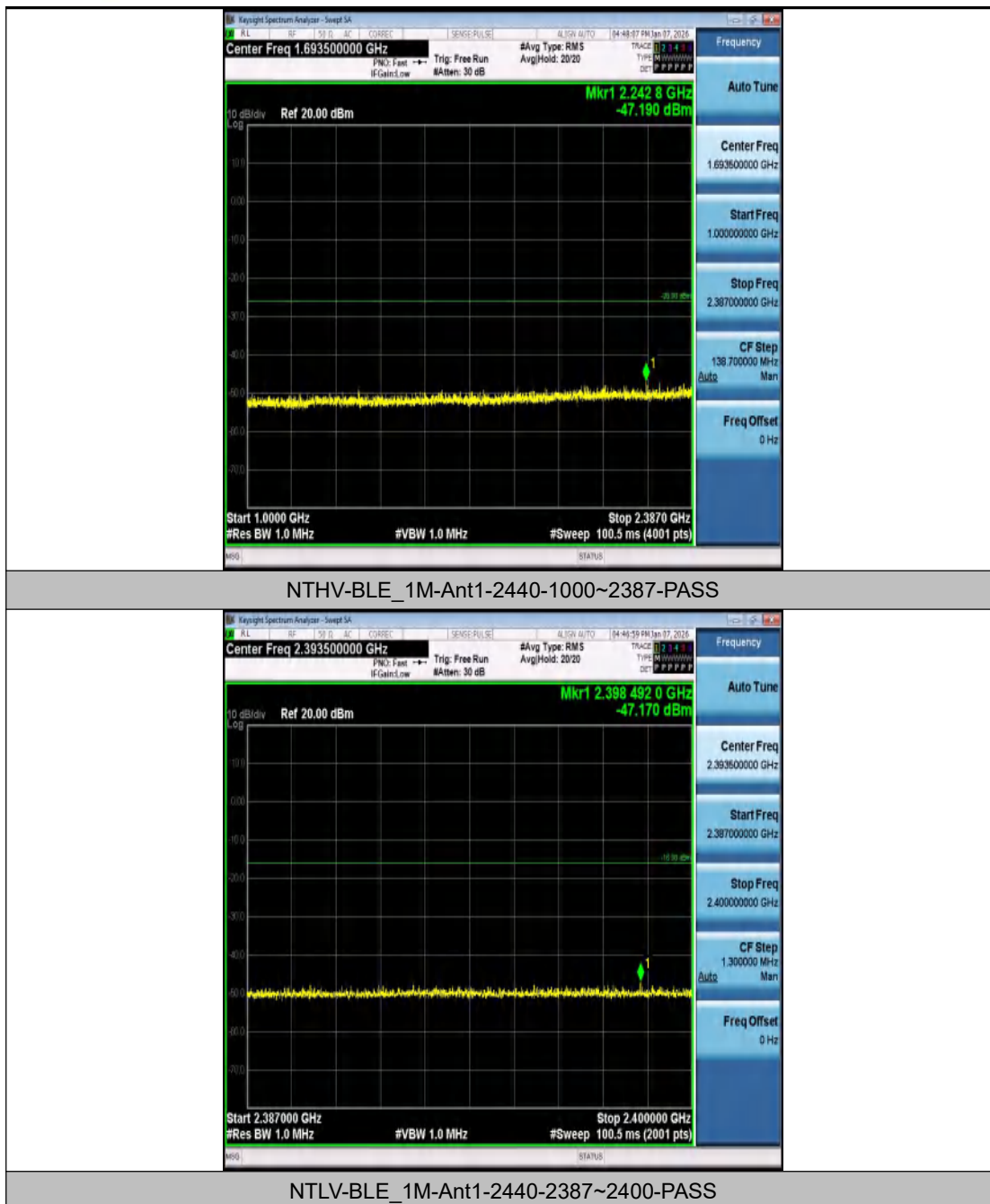


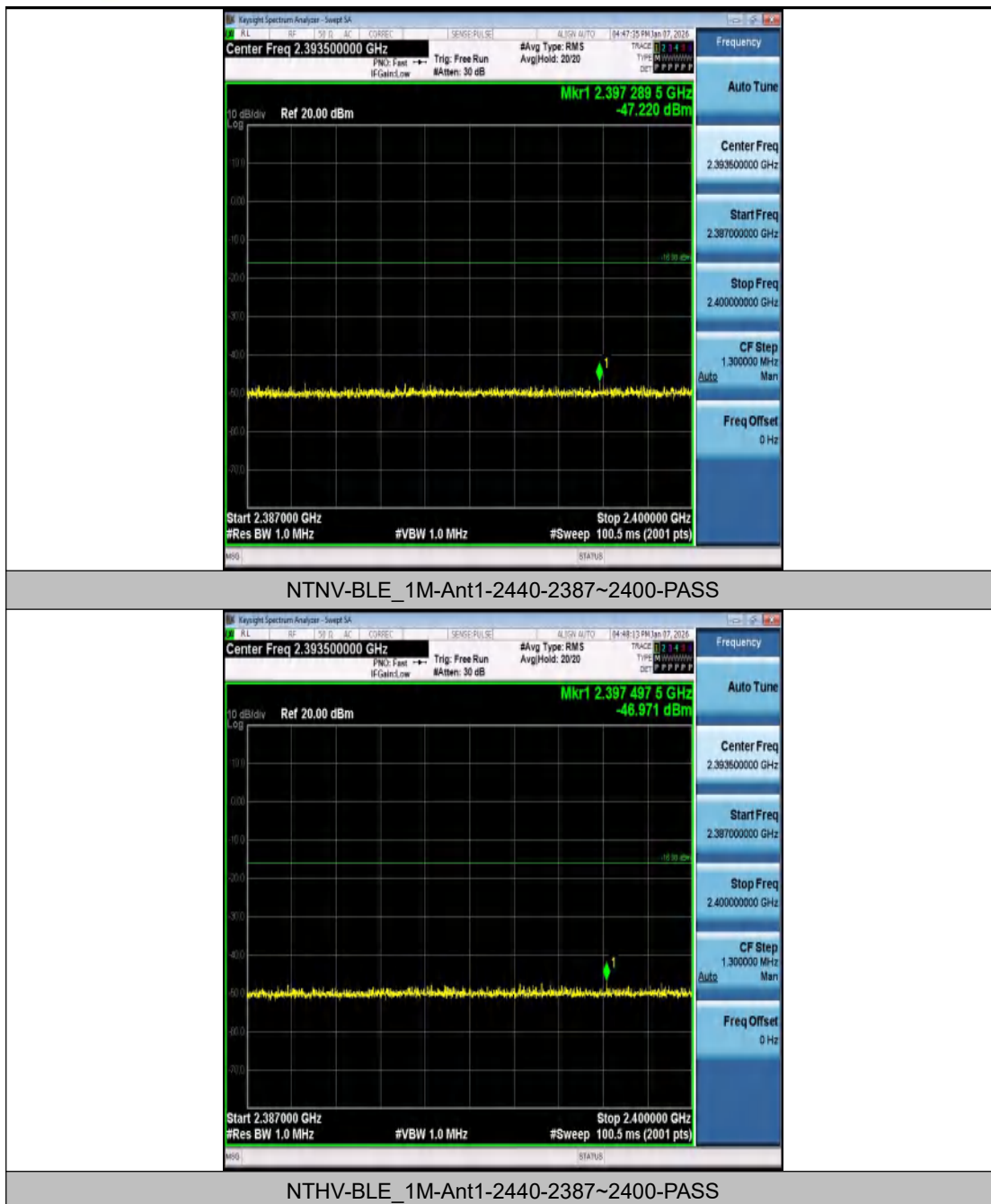


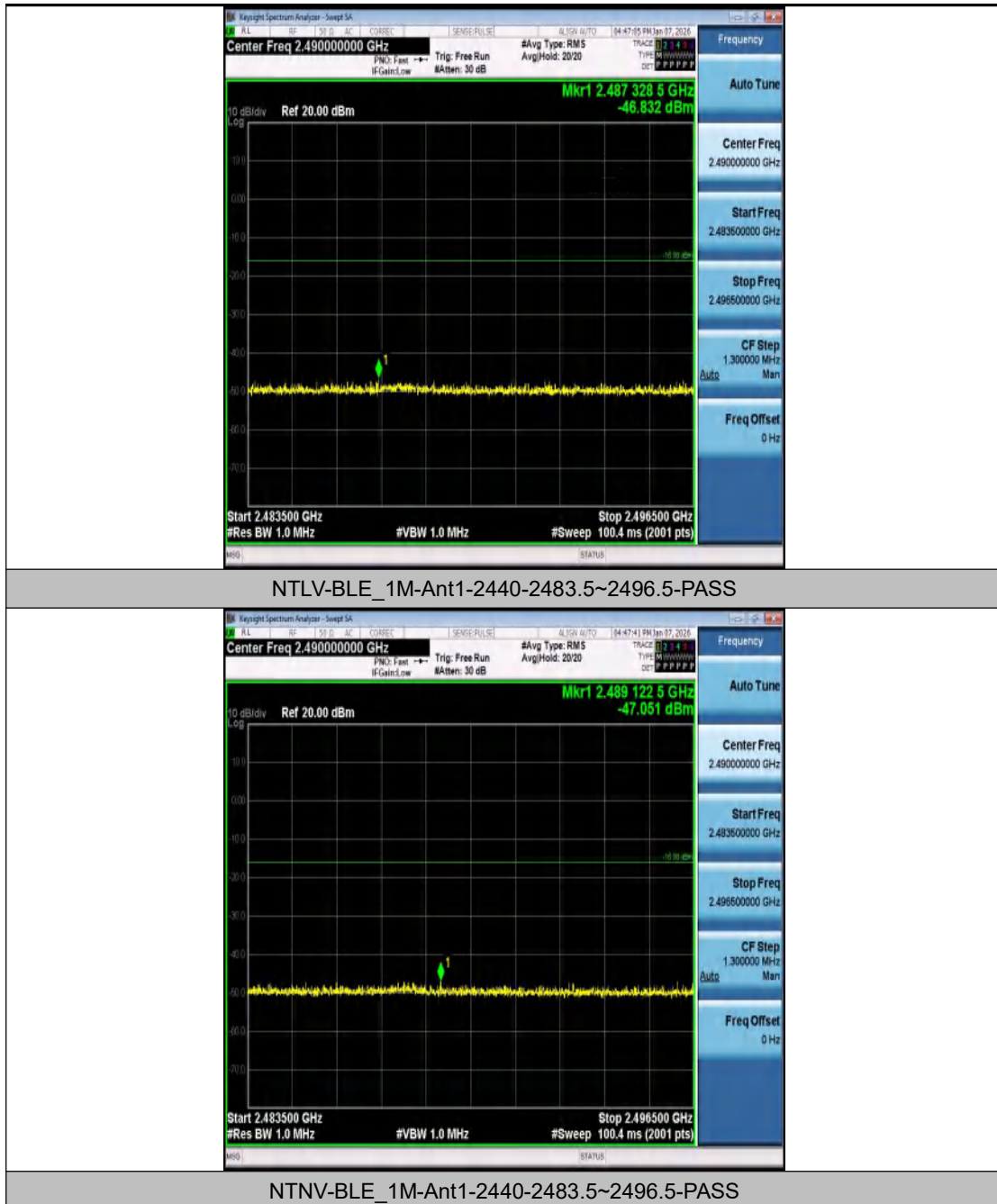


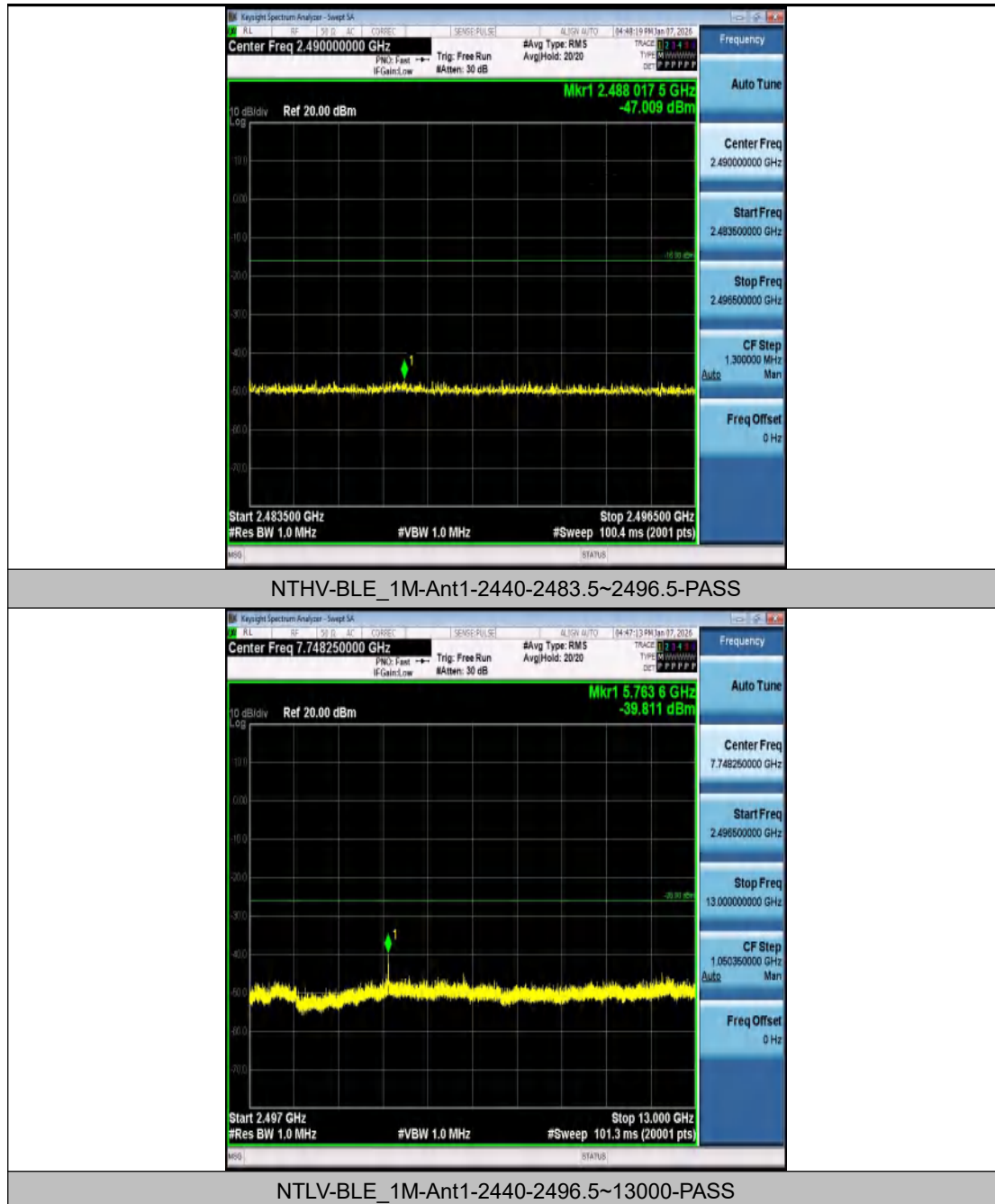


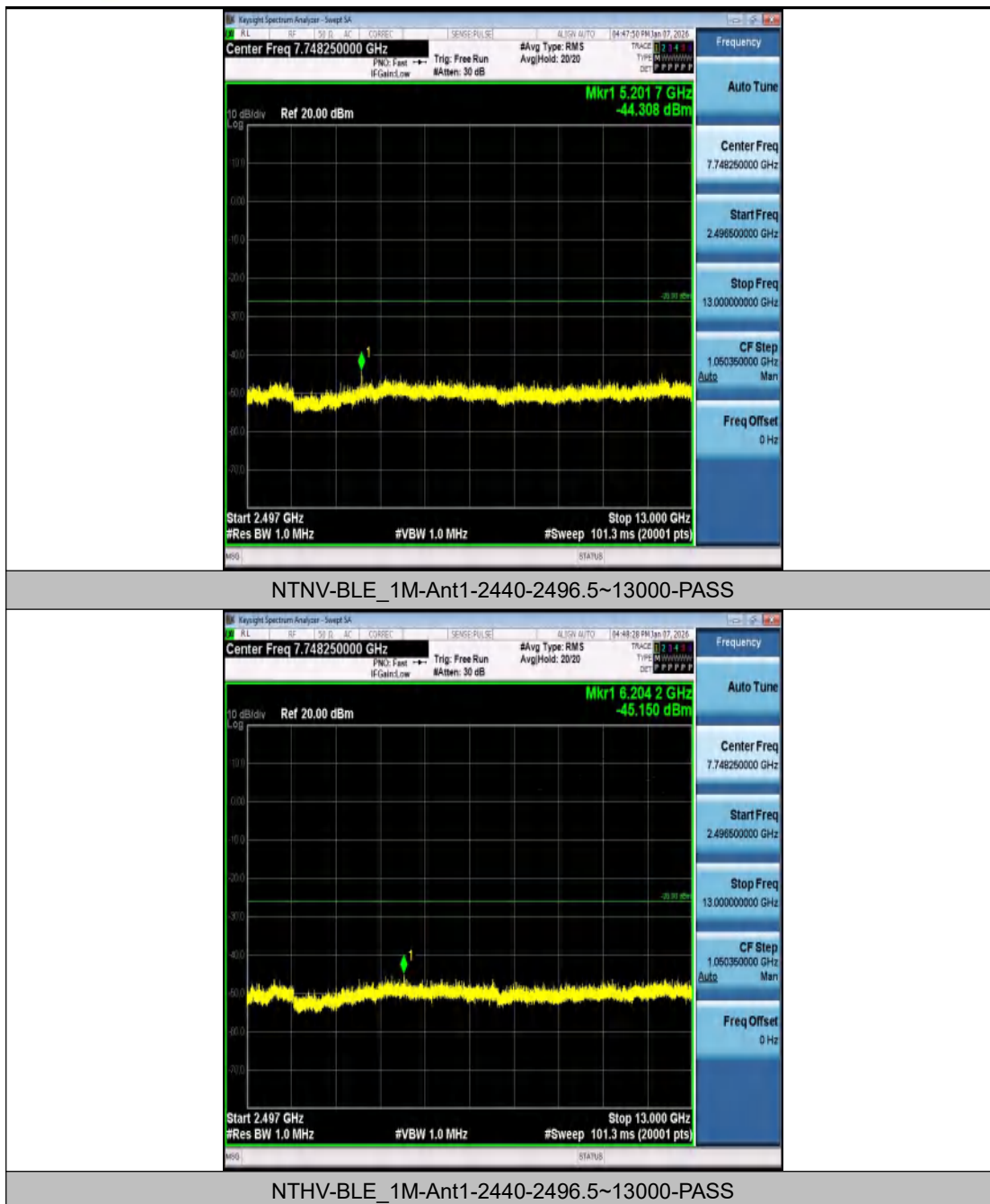


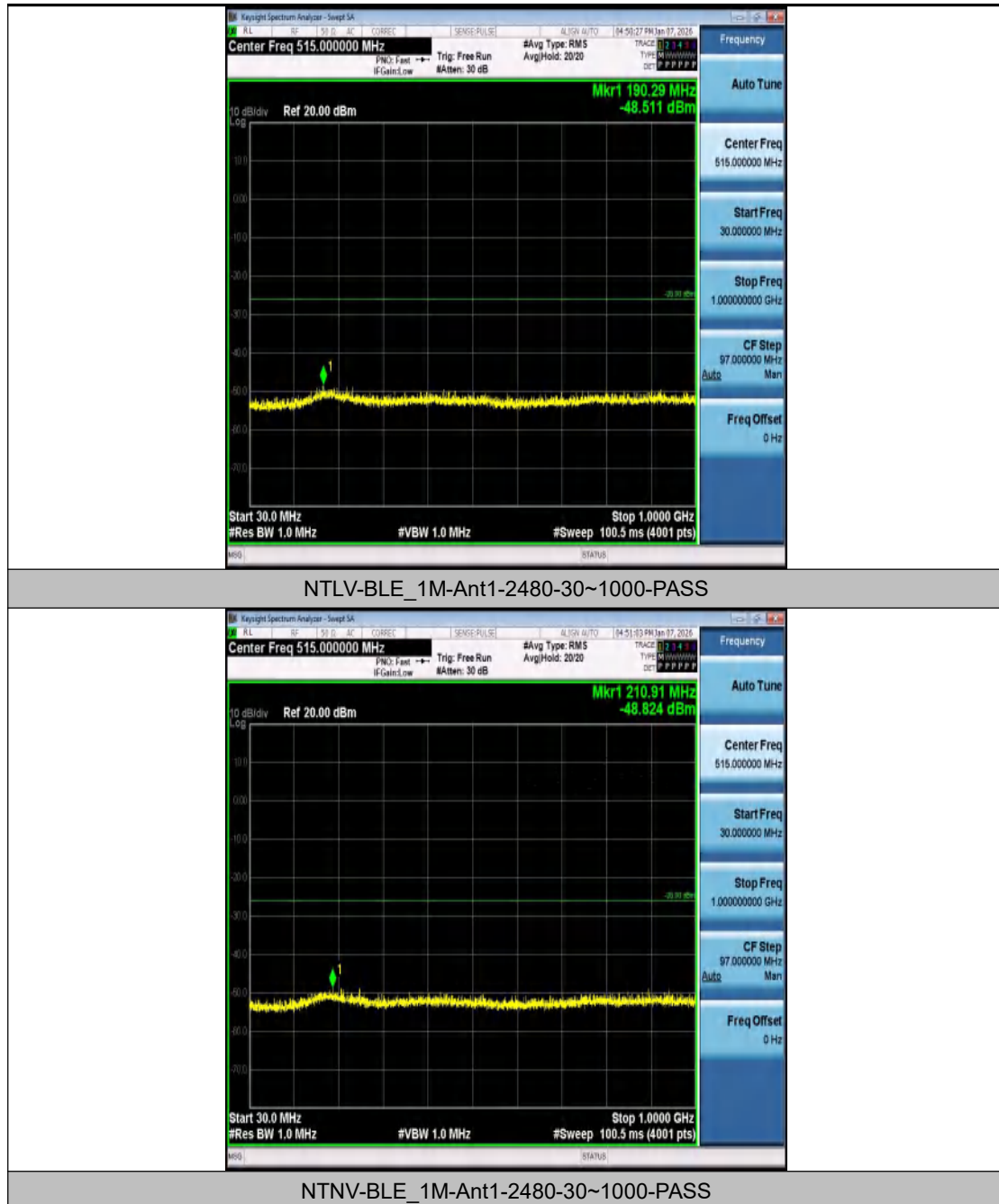


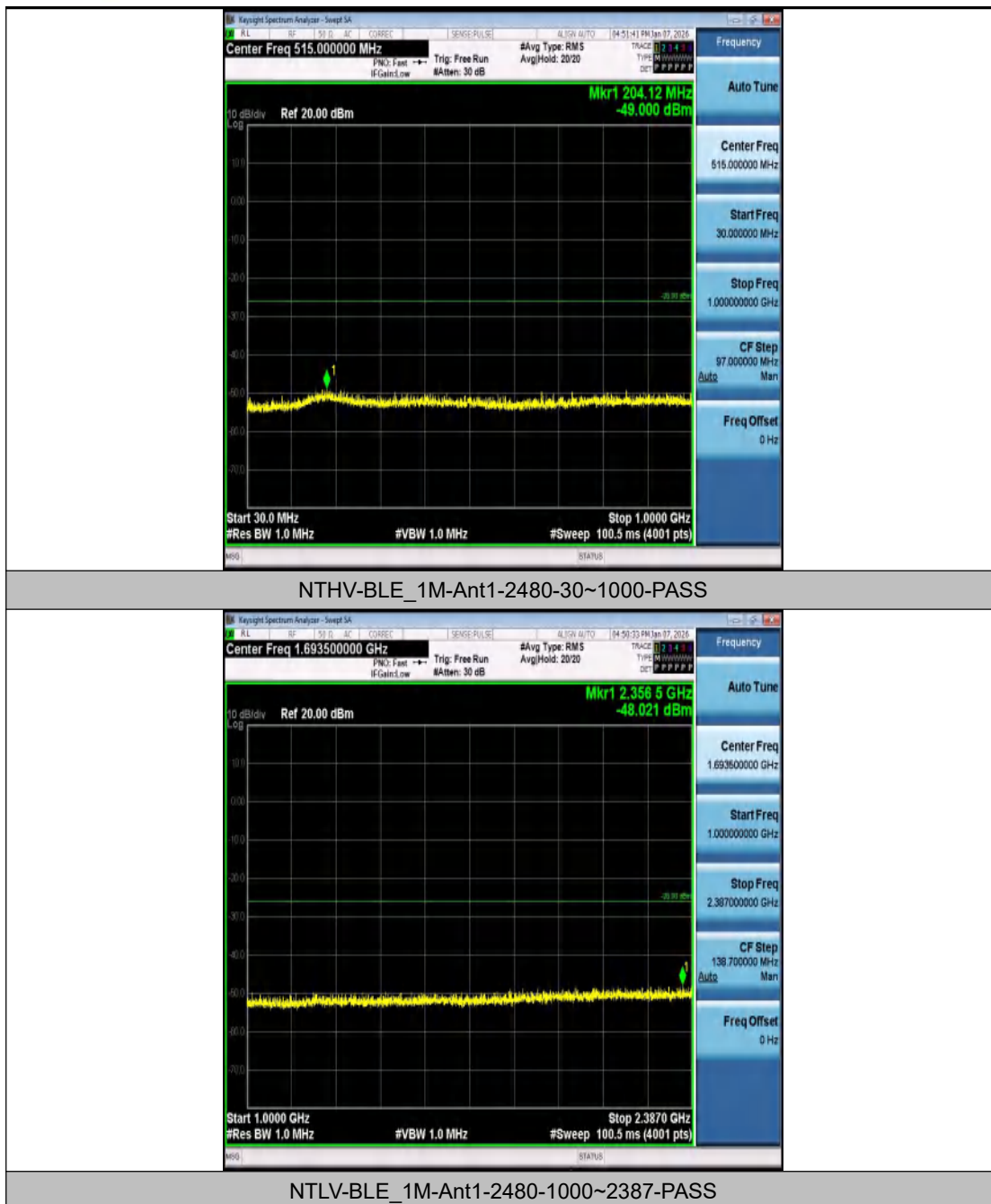


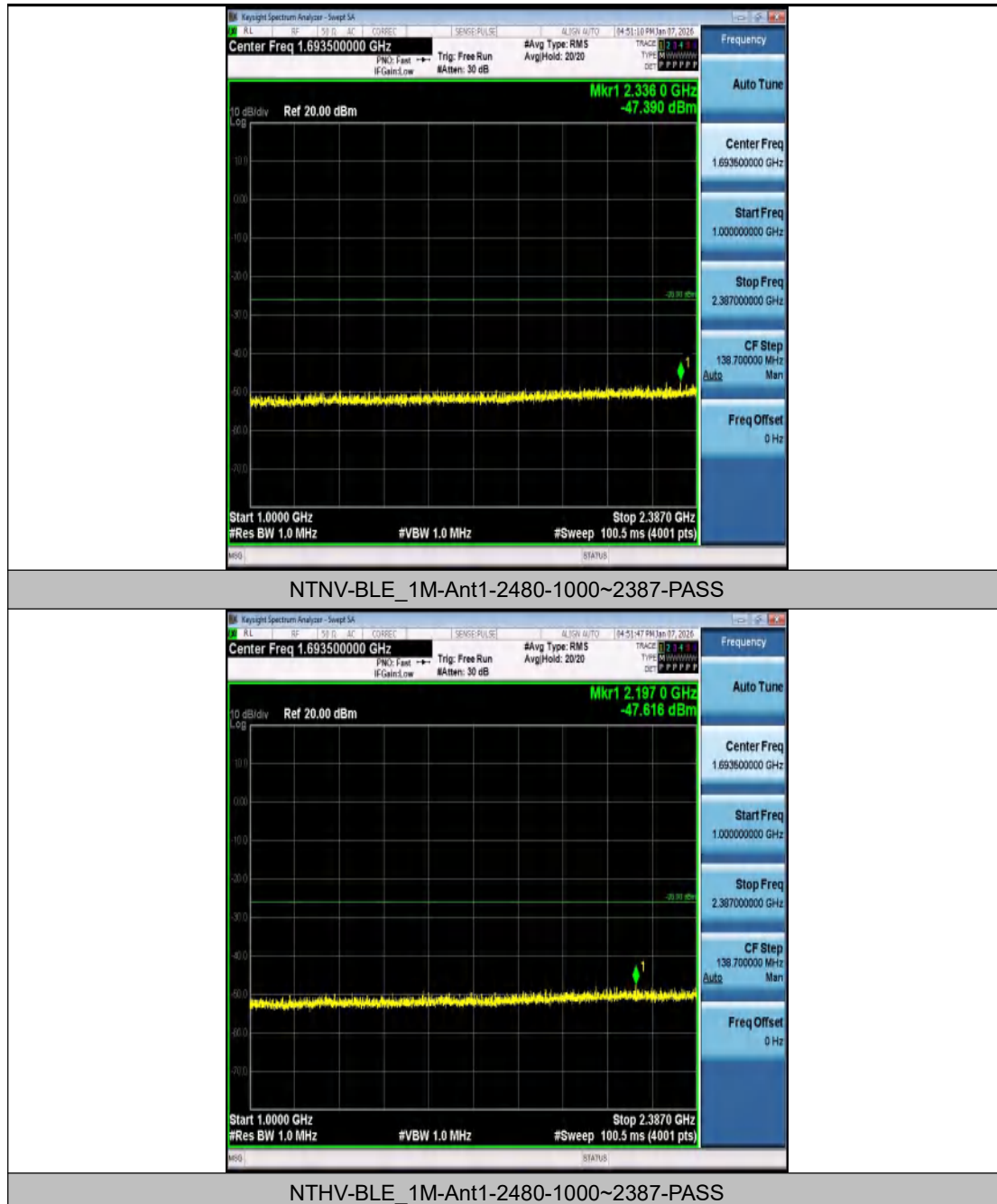


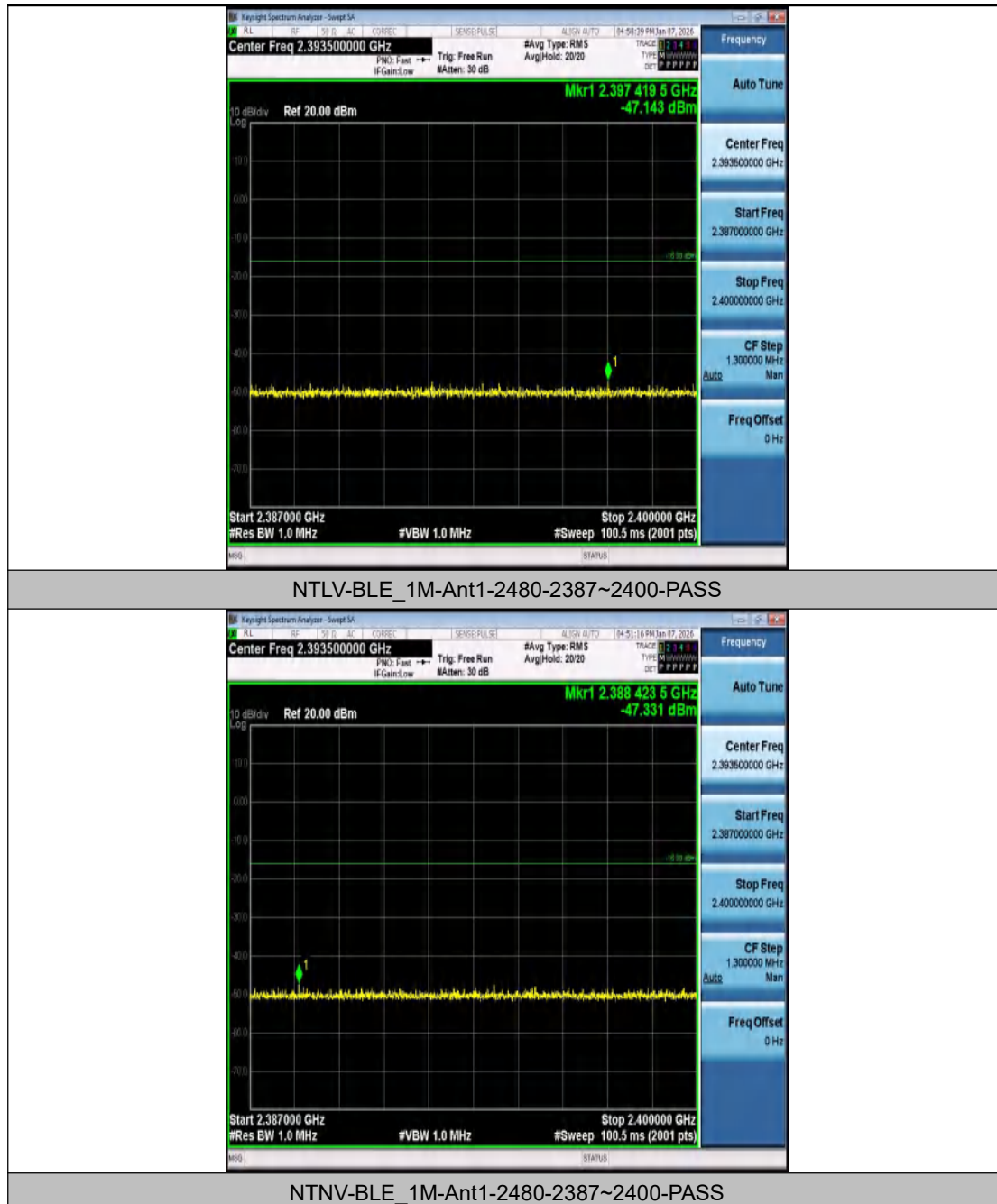


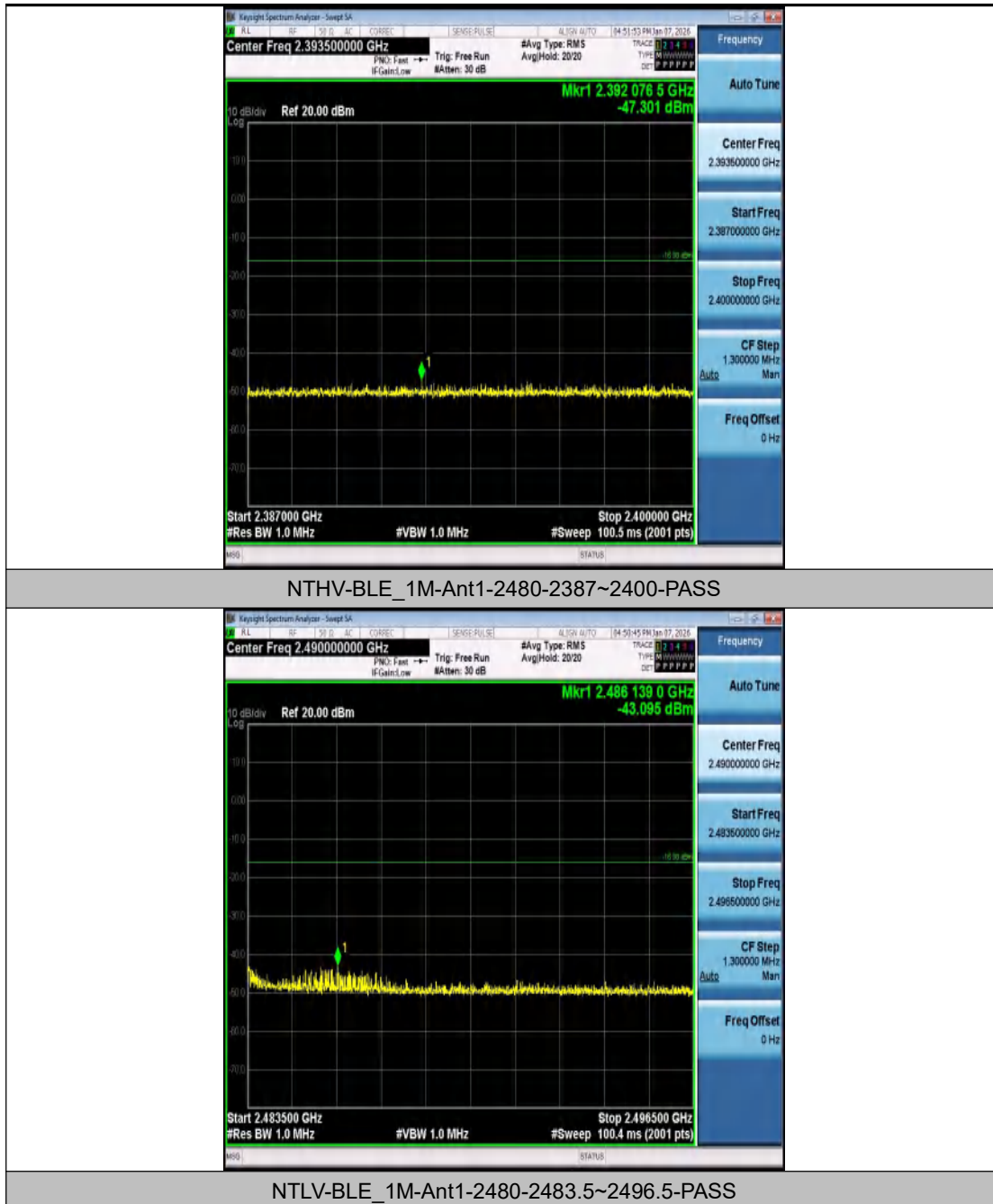


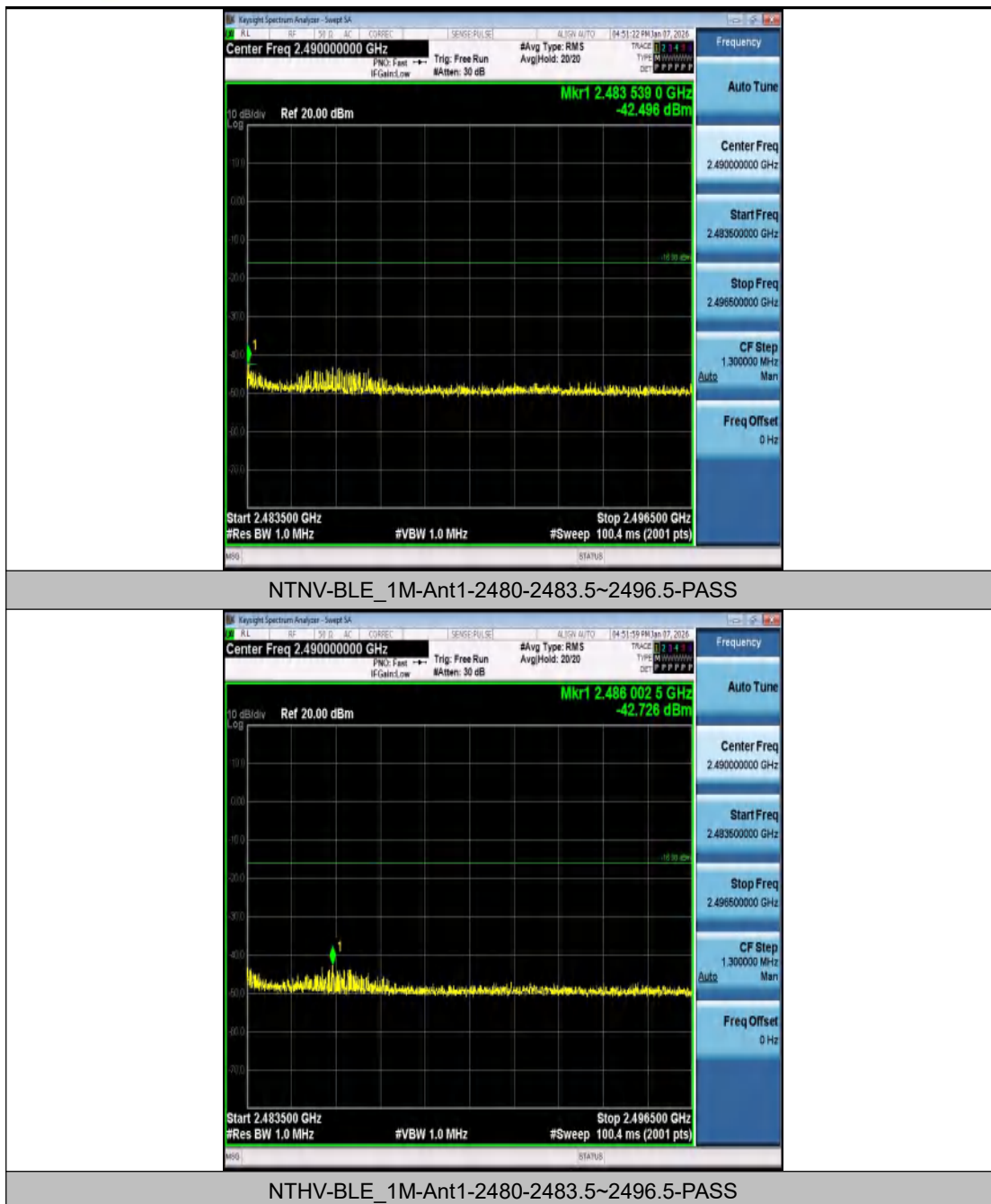


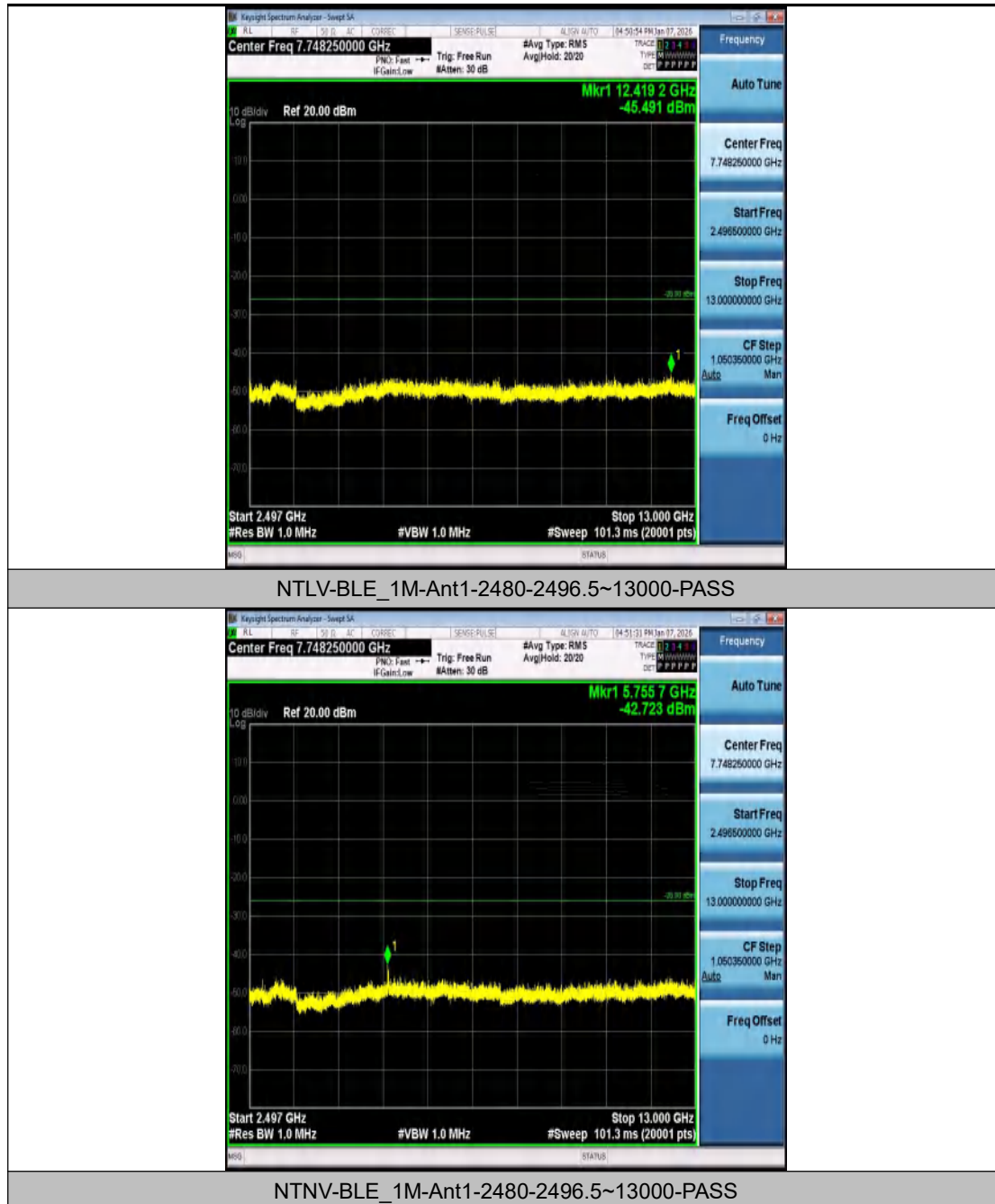


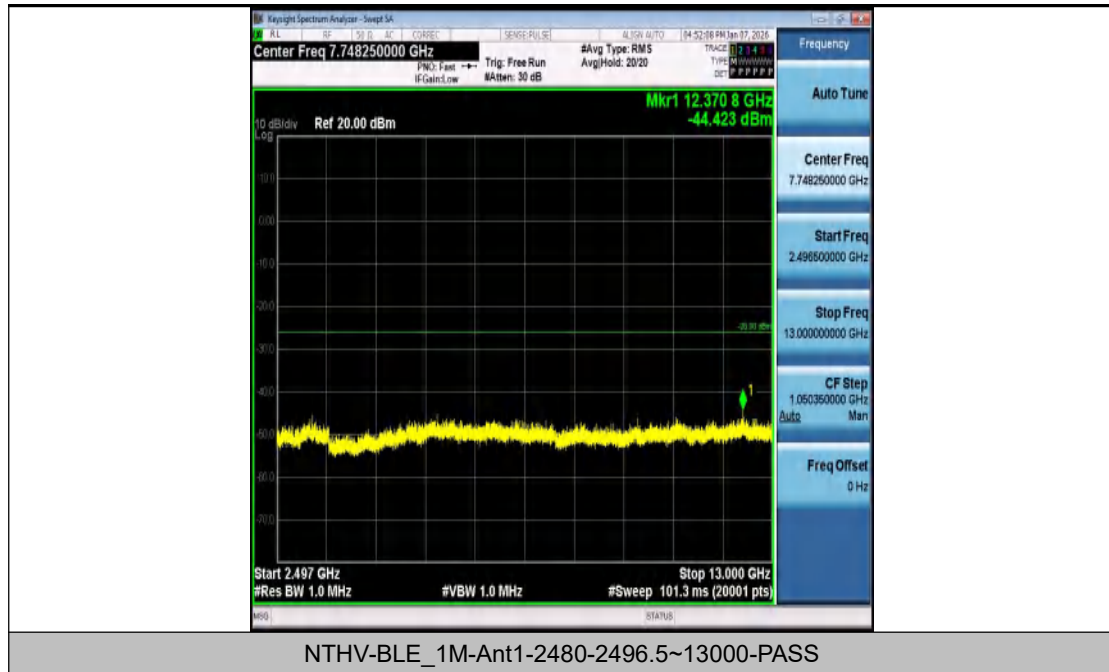












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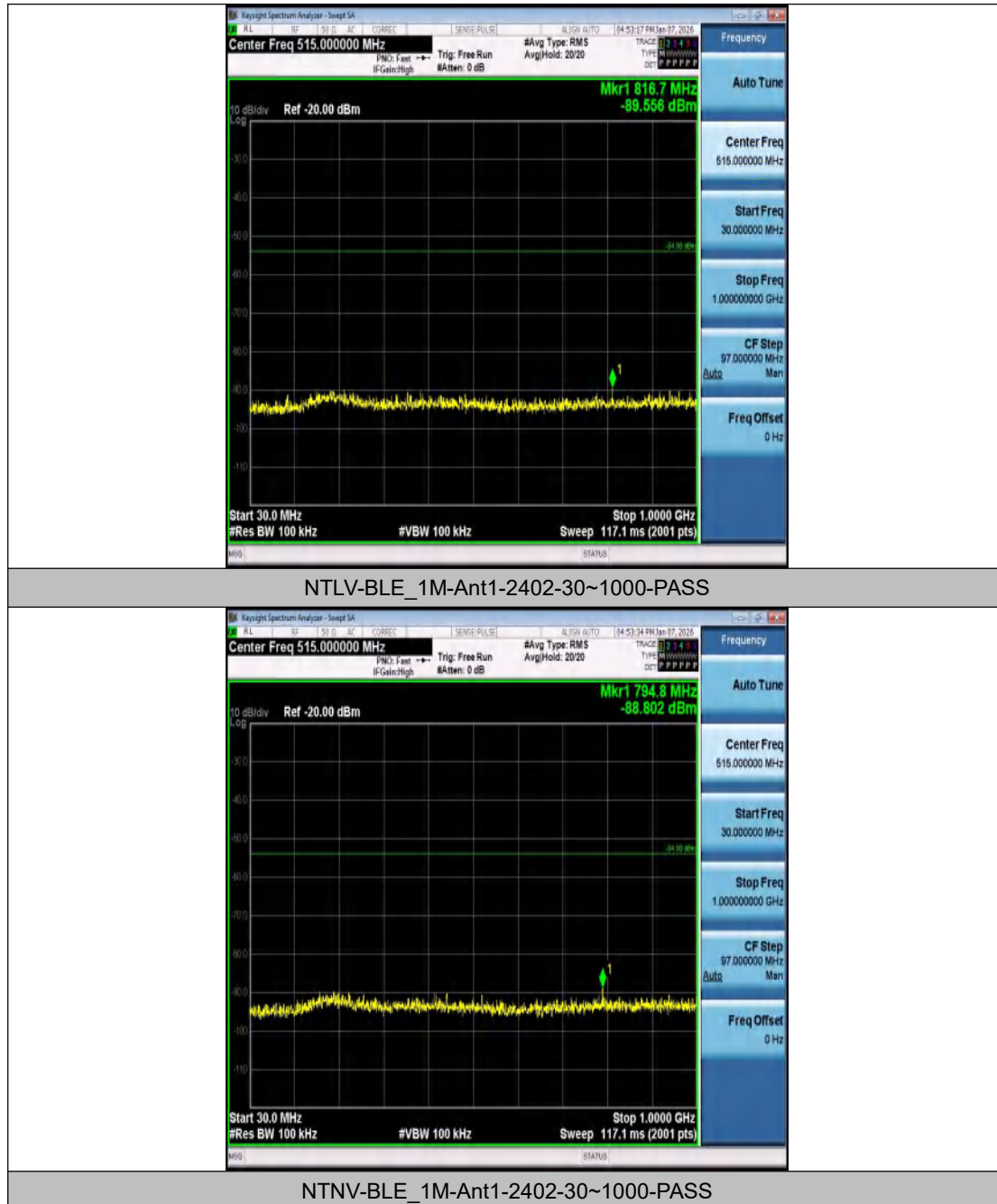
Appendix E: Spurious Emission of RX

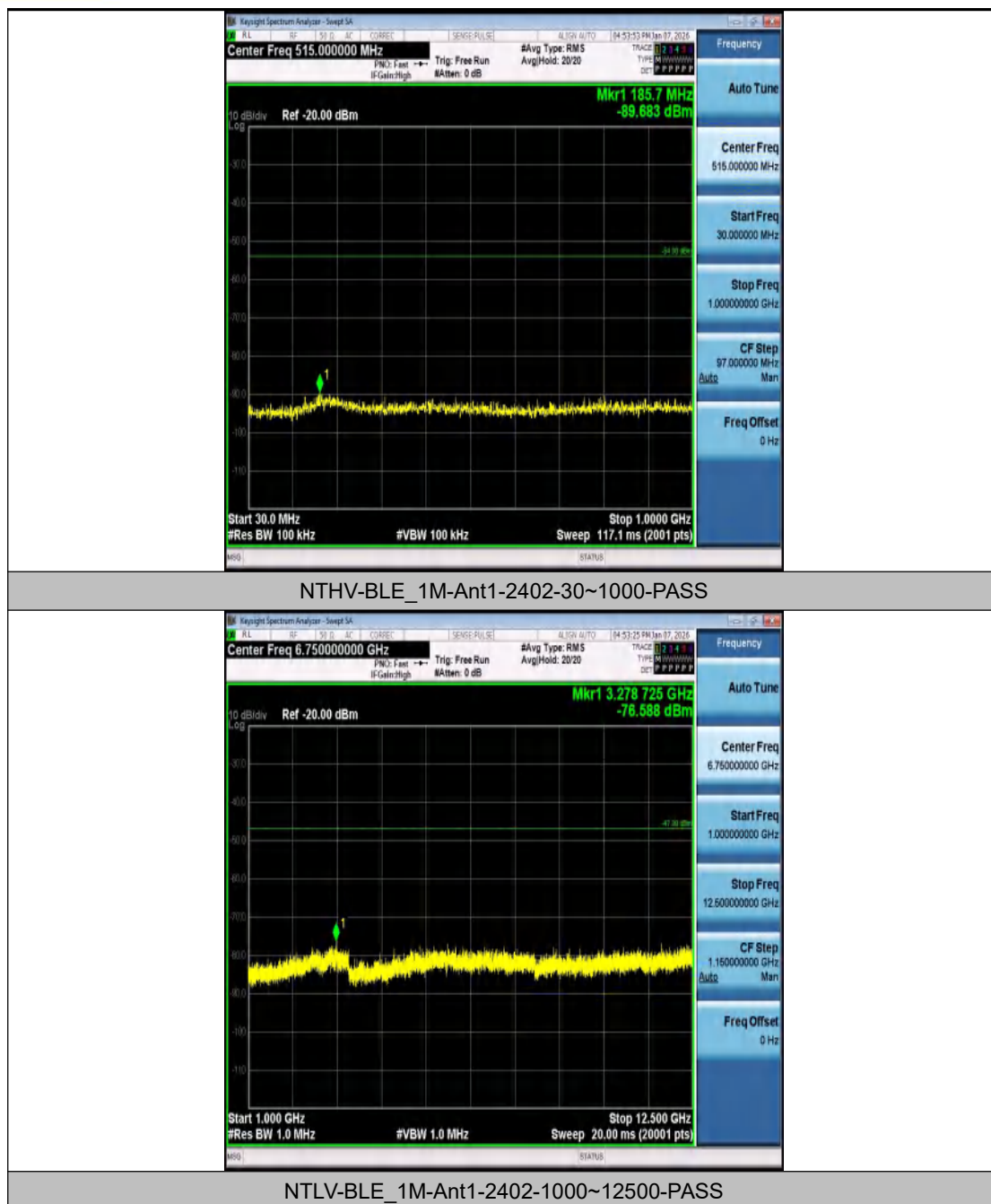
Test Result

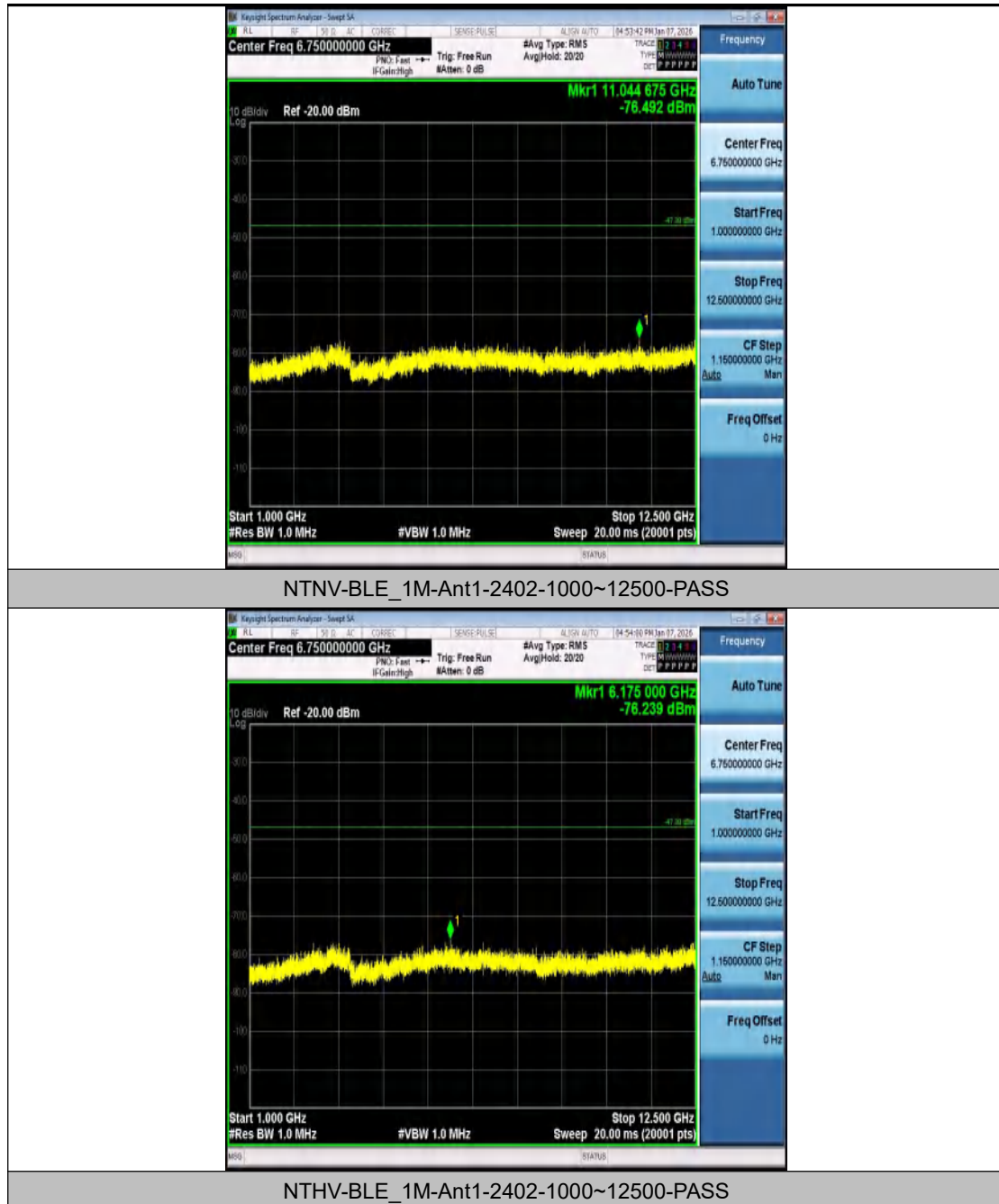
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTLV	BLE_1M	Ant1	2402	30~1000	816.67	-89.56	≤-54	0.00111	≤4	PASS
NTNV	BLE_1M	Ant1	2402	30~1000	794.85	-88.80	≤-54	0.00132	≤4	PASS
NTHV	BLE_1M	Ant1	2402	30~1000	185.69	-89.68	≤-54	0.00108	≤4	PASS
NTLV	BLE_1M	Ant1	2402	1000~12500	3278.73	-76.59	≤-47	0.02193	≤20	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	11044.68	-76.49	≤-47	0.02244	≤20	PASS
NTHV	BLE_1M	Ant1	2402	1000~12500	6175.00	-76.24	≤-47	0.02377	≤20	PASS
NTLV	BLE_1M	Ant1	2440	30~1000	254.56	-89.63	≤-54	0.00109	≤4	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	212.85	-90.05	≤-54	0.00099	≤4	PASS
NTHV	BLE_1M	Ant1	2440	30~1000	195.87	-87.91	≤-54	0.00162	≤4	PASS
NTLV	BLE_1M	Ant1	2440	1000~12500	3187.30	-76.26	≤-47	0.02366	≤20	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	3187.88	-76.00	≤-47	0.02512	≤20	PASS
NTHV	BLE_1M	Ant1	2440	1000~12500	12378.68	-76.81	≤-47	0.02084	≤20	PASS
NTLV	BLE_1M	Ant1	2480	30~1000	198.78	-89.19	≤-54	0.00121	≤4	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	198.78	-88.87	≤-54	0.00130	≤4	PASS
NTHV	BLE_1M	Ant1	2480	30~1000	191.51	-90.01	≤-54	0.00100	≤4	PASS
NTLV	BLE_1M	Ant1	2480	1000~12500	3129.80	-76.83	≤-47	0.02075	≤20	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6817.28	-76.51	≤-47	0.02234	≤20	PASS
NTHV	BLE_1M	Ant1	2480	1000~12500	12420.65	-76.61	≤-47	0.02183	≤20	PASS

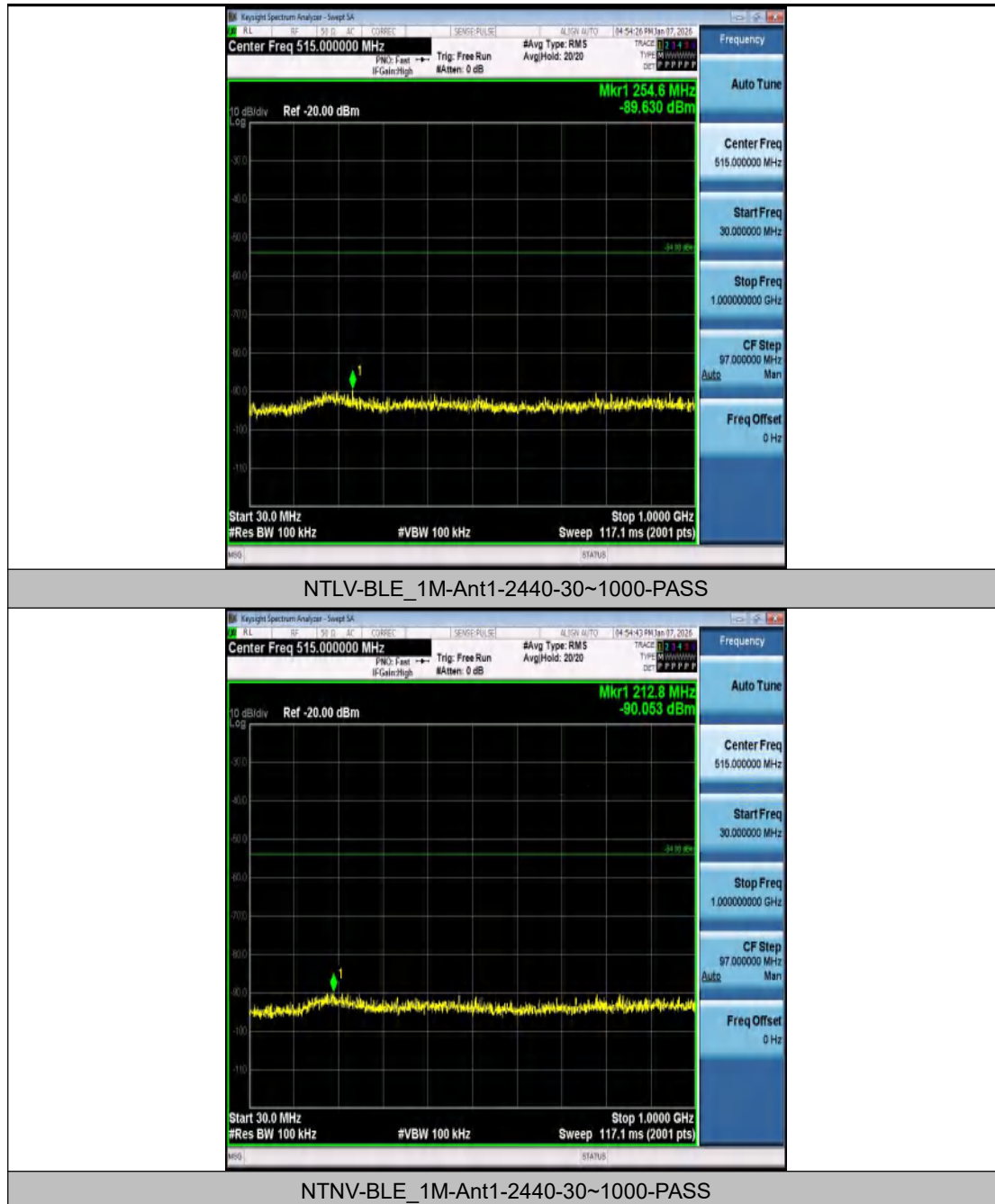


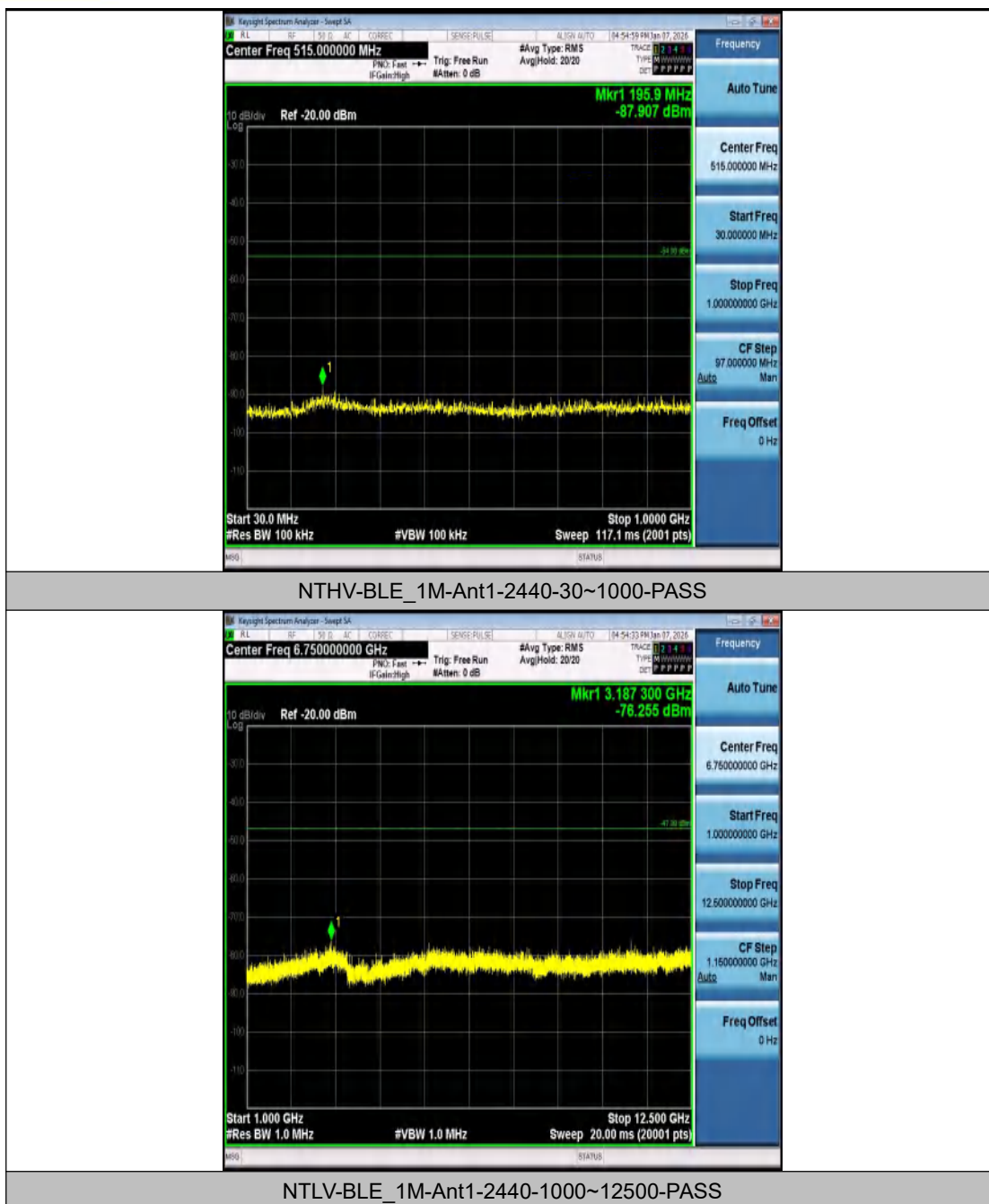
Test Graphs

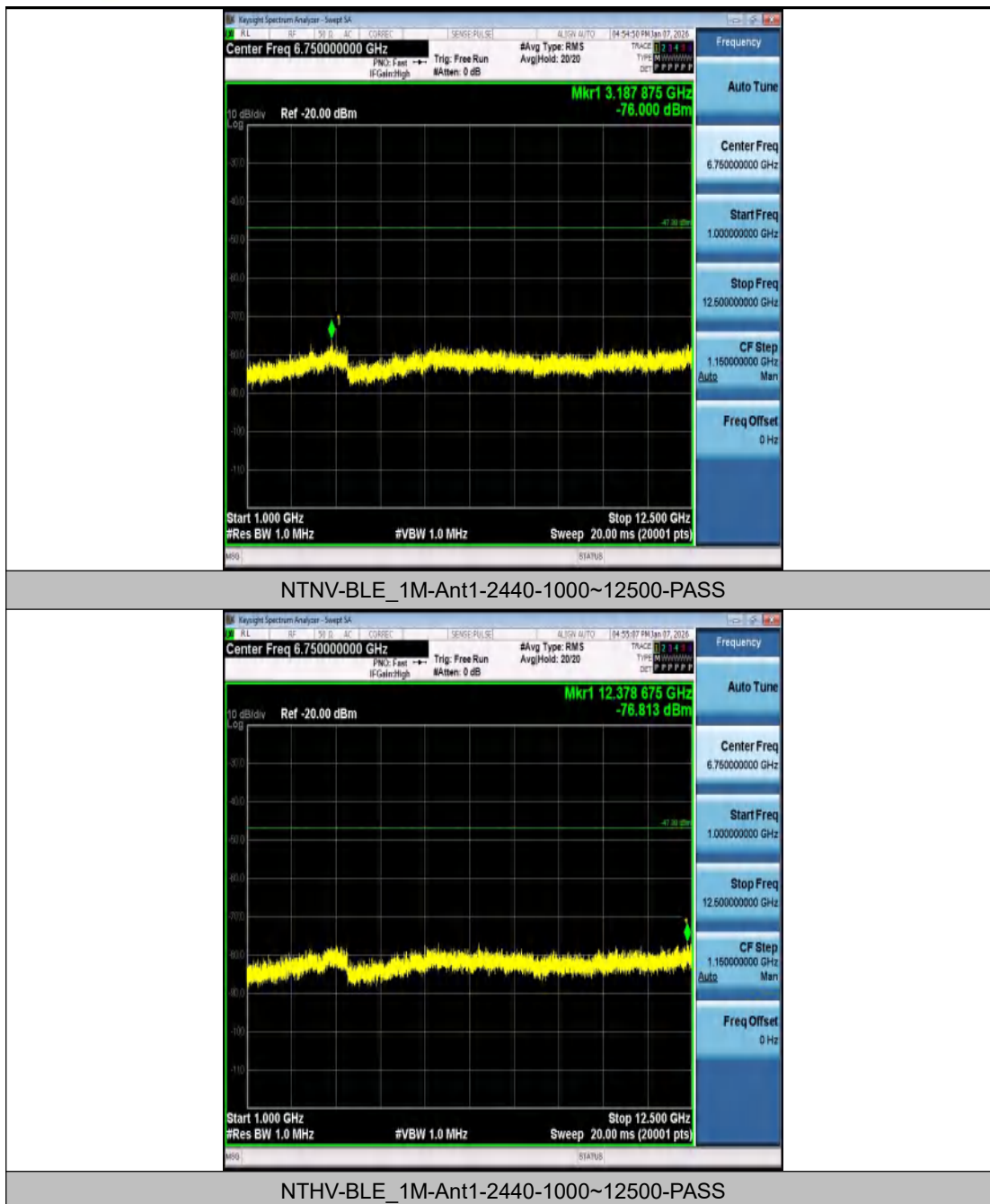


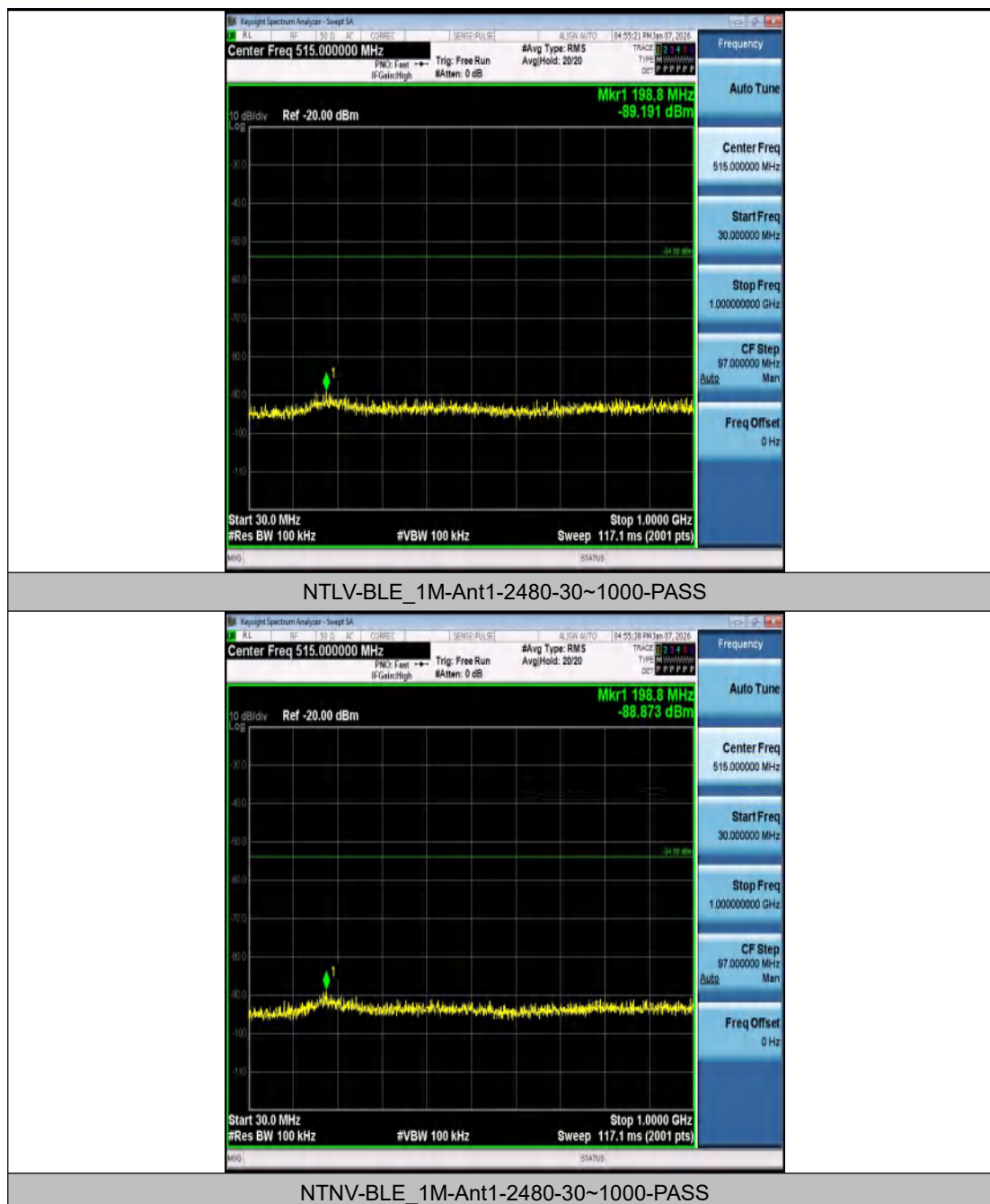


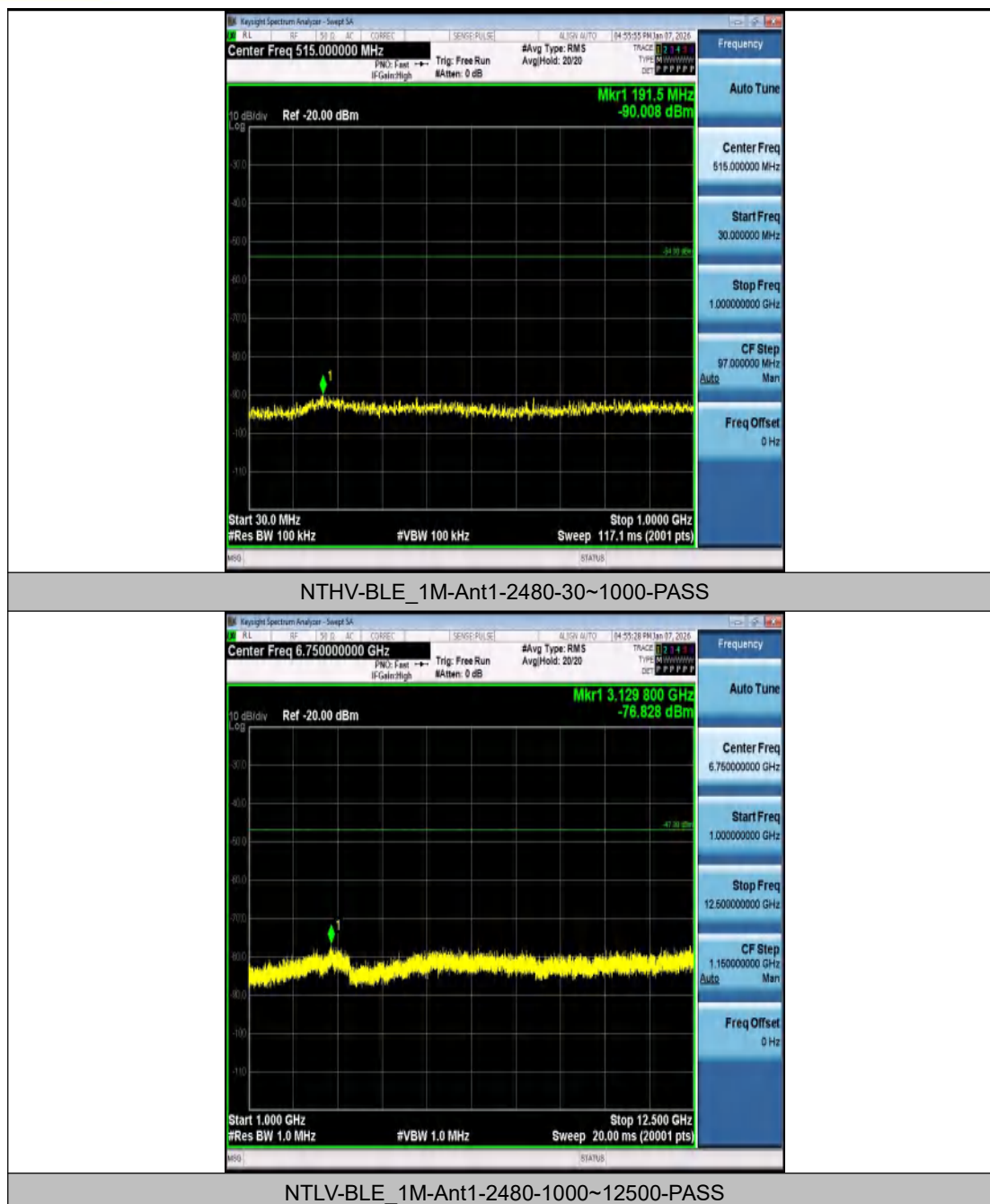


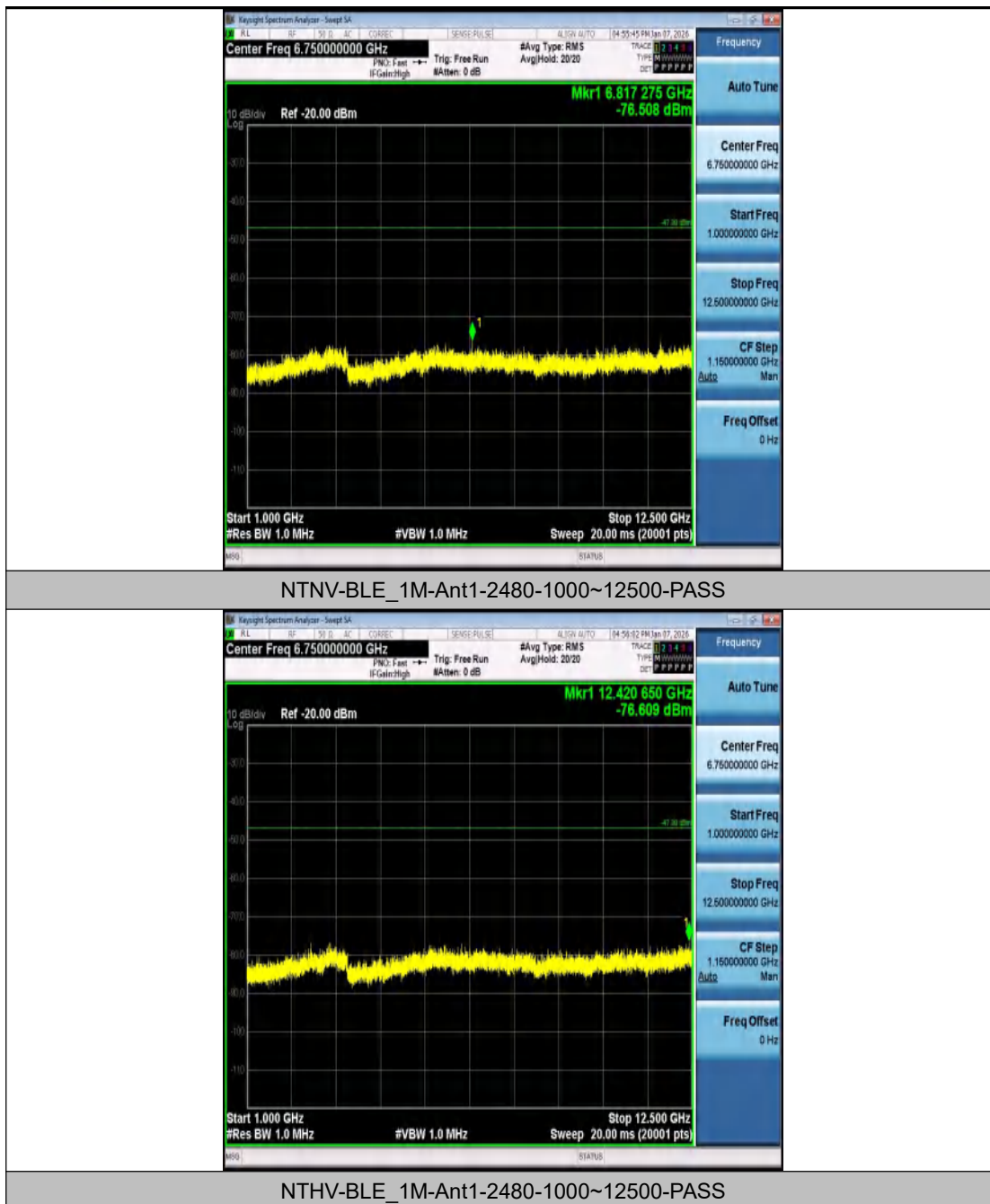












---End---

