

Appendix: Bluetooth LE

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Appendix A: Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTLV	CW	Ant1	2402	2402.034	14.15487	±50	PASS
NTNV	CW	Ant1	2402	2402.034	14.15487	±50	PASS
NTHV	CW	Ant1	2402	2402.034	14.15487	±50	PASS
NTLV	CW	Ant1	2440	2440.036	14.75410	±50	PASS
NTNV	CW	Ant1	2440	2440.034	13.93443	±50	PASS
NTHV	CW	Ant1	2440	2440.033	13.52459	±50	PASS
NTLV	CW	Ant1	2480	2480.035	14.11290	±50	PASS
NTNV	CW	Ant1	2480	2480.034	13.70968	±50	PASS
NTHV	CW	Ant1	2480	2480.033	13.30645	±50	PASS

Test Graphs





Appendix B: Antenna Power

Test Result

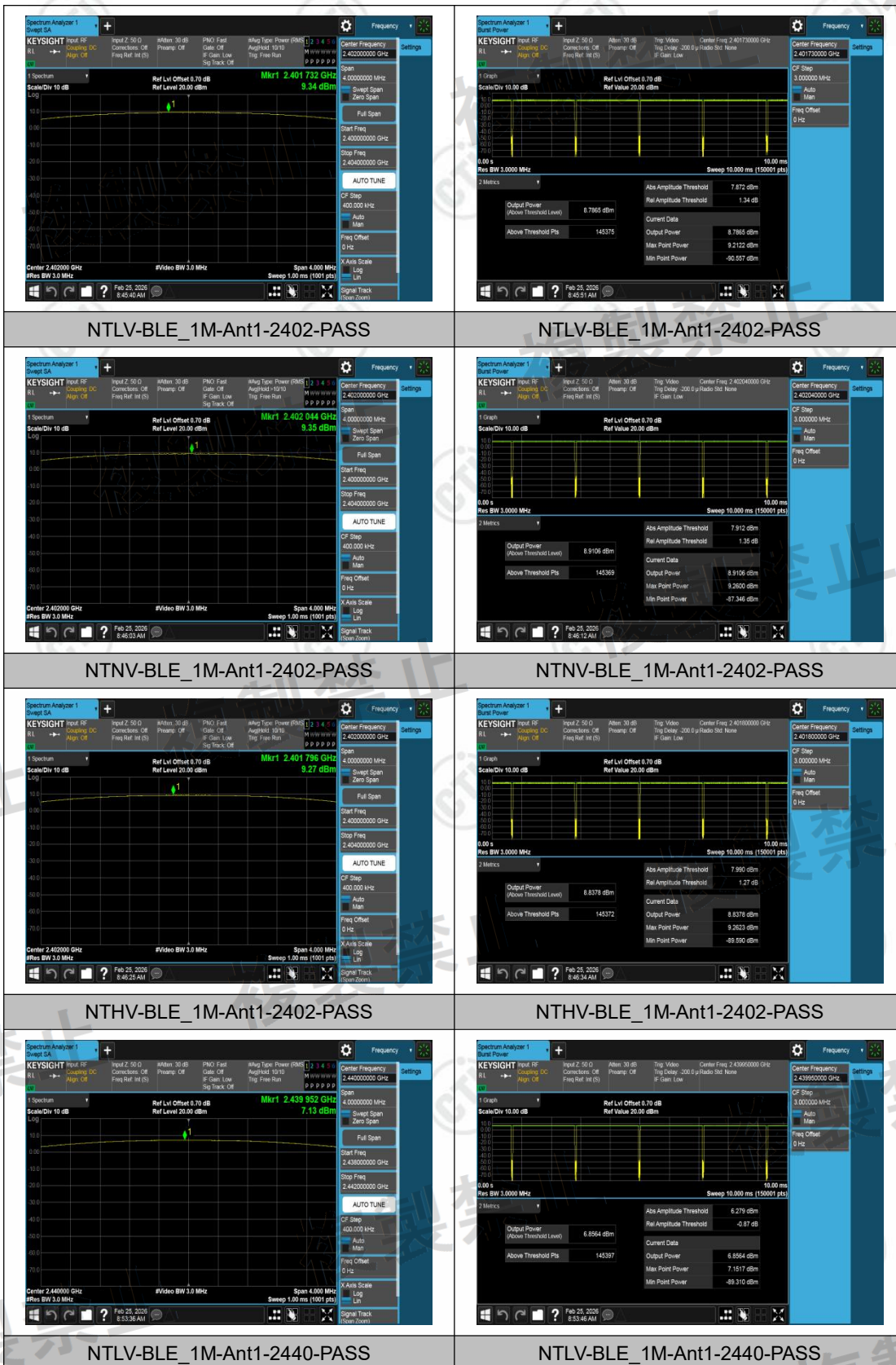
TestCondition	TestMode	Antenna	Freq(M Hz)	Result(dBm)	Result(mW)	Limit(mW)	Verdict
NTLV	BLE_1M	Ant1	2402	8.79	7.5683	≤10	PASS
NTNV	BLE_1M	Ant1	2402	8.91	7.7804	≤10	PASS
NTHV	BLE_1M	Ant1	2402	8.84	7.6560	≤10	PASS
NTLV	BLE_1M	Ant1	2440	6.86	4.8529	≤10	PASS
NTNV	BLE_1M	Ant1	2440	6.86	4.8529	≤10	PASS
NTHV	BLE_1M	Ant1	2440	6.84	4.8306	≤10	PASS
NTLV	BLE_1M	Ant1	2480	7.90	6.1660	≤10	PASS
NTNV	BLE_1M	Ant1	2480	7.95	6.2373	≤10	PASS
NTHV	BLE_1M	Ant1	2480	7.96	6.2517	≤10	PASS
NTLV	BLE_2M	Ant1	2402	5.24	3.3420	≤10	PASS
NTNV	BLE_2M	Ant1	2402	5.20	3.3113	≤10	PASS
NTHV	BLE_2M	Ant1	2402	5.26	3.3574	≤10	PASS
NTLV	BLE_2M	Ant1	2440	6.63	4.6026	≤10	PASS
NTNV	BLE_2M	Ant1	2440	6.44	4.4055	≤10	PASS
NTHV	BLE_2M	Ant1	2440	6.49	4.4566	≤10	PASS
NTLV	BLE_2M	Ant1	2480	4.25	2.6607	≤10	PASS
NTNV	BLE_2M	Ant1	2480	4.27	2.6730	≤10	PASS
NTHV	BLE_2M	Ant1	2480	4.22	2.6424	≤10	PASS

Test Condition	Test Mode	Antenna	Freq(MHz)	Power (mW)	Rated Power (mW)	Result (%)	Limit (%)	Verdict
NTLV	BLE_1M	Ant1	2402	7.5683	8	-5.40	+20	PASS
NTNV	BLE_1M	Ant1	2402	7.7804	8	-2.75	+20	PASS
NTHV	BLE_1M	Ant1	2402	7.6560	8	-4.30	+20	PASS
NTLV	BLE_1M	Ant1	2440	4.8529	8	-39.34	+20	PASS
NTNV	BLE_1M	Ant1	2440	4.8529	8	-39.34	+20	PASS
NTHV	BLE_1M	Ant1	2440	4.8306	8	-39.62	+20	PASS
NTLV	BLE_1M	Ant1	2480	6.1660	8	-22.93	+20	PASS
NTNV	BLE_1M	Ant1	2480	6.2373	8	-22.03	+20	PASS
NTHV	BLE_1M	Ant1	2480	6.2517	8	-21.85	+20	PASS
NTLV	BLE_2M	Ant1	2402	3.3420	4	-16.45	+20	PASS
NTNV	BLE_2M	Ant1	2402	3.3113	4	-17.22	+20	PASS
NTHV	BLE_2M	Ant1	2402	3.3574	4	-16.07	+20	PASS
NTLV	BLE_2M	Ant1	2440	4.6026	4	+15.07	+20	PASS
NTNV	BLE_2M	Ant1	2440	4.4055	4	+10.14	+20	PASS

NTHV	BLE_2M	Ant1	2440	4.4566	4	+11.42	+20	PASS
NTLV	BLE_2M	Ant1	2480	2.6607	4	-33.48	+20	PASS
NTNV	BLE_2M	Ant1	2480	2.6730	4	-33.18	+20	PASS
NTHV	BLE_2M	Ant1	2480	2.6424	4	-33.94	+20	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
NTLV	BLE_1M	Ant1	2402	8.79	10.95	≤12.14	PASS
NTNV	BLE_1M	Ant1	2402	8.91	11.07	≤12.14	PASS
NTHV	BLE_1M	Ant1	2402	8.84	11.00	≤12.14	PASS
NTLV	BLE_1M	Ant1	2440	6.86	9.02	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	6.86	9.02	≤12.14	PASS
NTHV	BLE_1M	Ant1	2440	6.84	9.00	≤12.14	PASS
NTLV	BLE_1M	Ant1	2480	7.90	10.06	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	7.95	10.11	≤12.14	PASS
NTHV	BLE_1M	Ant1	2480	7.96	10.12	≤12.14	PASS
NTLV	BLE_2M	Ant1	2402	5.24	7.40	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	5.20	7.36	≤12.14	PASS
NTHV	BLE_2M	Ant1	2402	5.26	7.42	≤12.14	PASS
NTLV	BLE_2M	Ant1	2440	6.63	8.79	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	6.44	8.60	≤12.14	PASS
NTHV	BLE_2M	Ant1	2440	6.49	8.65	≤12.14	PASS
NTLV	BLE_2M	Ant1	2480	4.25	6.41	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	4.27	6.43	≤12.14	PASS
NTHV	BLE_2M	Ant1	2480	4.22	6.38	≤12.14	PASS

Test Graphs





NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2440-PASS



NTHV-BLE_1M-Ant1-2440-PASS



NTHV-BLE_1M-Ant1-2440-PASS



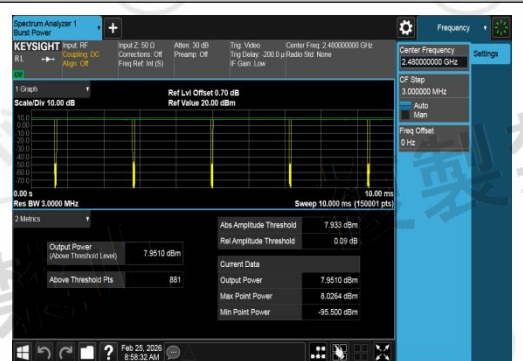
NTLV-BLE_1M-Ant1-2480-PASS



NTLV-BLE_1M-Ant1-2480-PASS



NTNV-BLE_1M-Ant1-2480-PASS



NTNV-BLE_1M-Ant1-2480-PASS



NTHV-BLE_1M-Ant1-2480-PASS



NTHV-BLE_1M-Ant1-2480-PASS



NTLV-BLE_2M-Ant1-2402-PASS



NTLV-BLE_2M-Ant1-2402-PASS



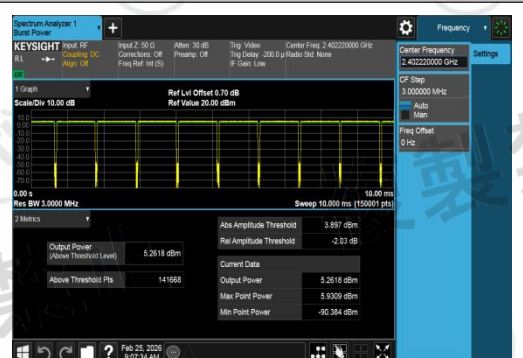
NTNV-BLE_2M-Ant1-2402-PASS



NTNV-BLE_2M-Ant1-2402-PASS



NTHV-BLE_2M-Ant1-2402-PASS



NTHV-BLE_2M-Ant1-2402-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



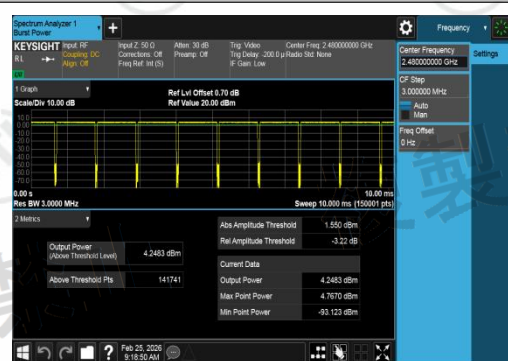
NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS

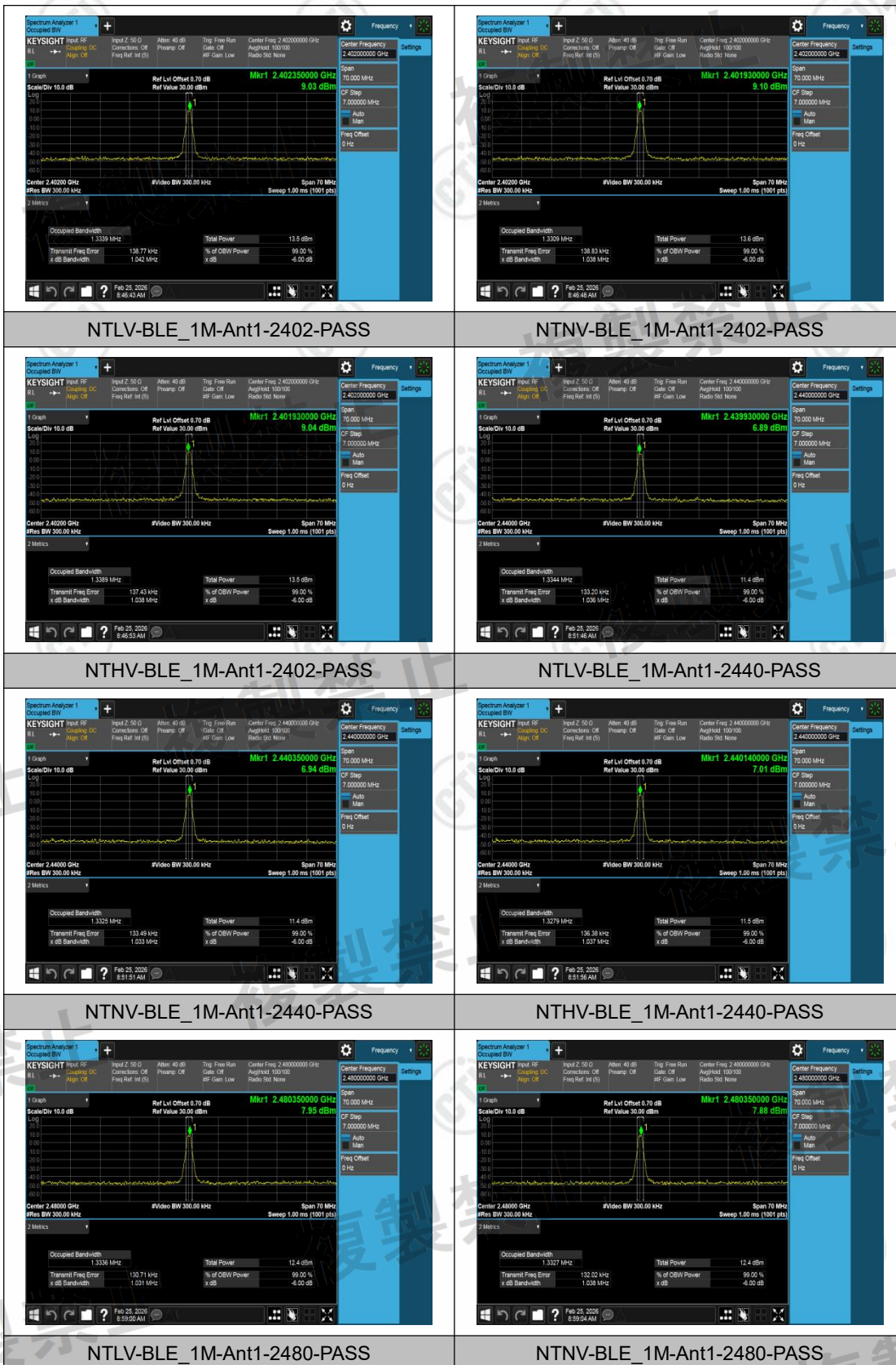


Appendix C: Occupied Bandwidth

Test Result

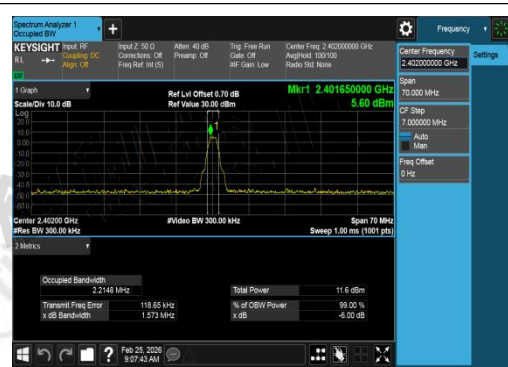
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	1.334	≤26	PASS
NTNV	BLE_1M	Ant1	2402	1.331	≤26	PASS
NTHV	BLE_1M	Ant1	2402	1.339	≤26	PASS
NTLV	BLE_1M	Ant1	2440	1.334	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.333	≤26	PASS
NTHV	BLE_1M	Ant1	2440	1.328	≤26	PASS
NTLV	BLE_1M	Ant1	2480	1.334	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.333	≤26	PASS
NTHV	BLE_1M	Ant1	2480	1.333	≤26	PASS
NTLV	BLE_2M	Ant1	2402	2.215	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.197	≤26	PASS
NTHV	BLE_2M	Ant1	2402	2.226	≤26	PASS
NTLV	BLE_2M	Ant1	2440	2.226	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.232	≤26	PASS
NTHV	BLE_2M	Ant1	2440	2.198	≤26	PASS
NTLV	BLE_2M	Ant1	2480	2.208	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.224	≤26	PASS
NTHV	BLE_2M	Ant1	2480	2.207	≤26	PASS

Test Graphs

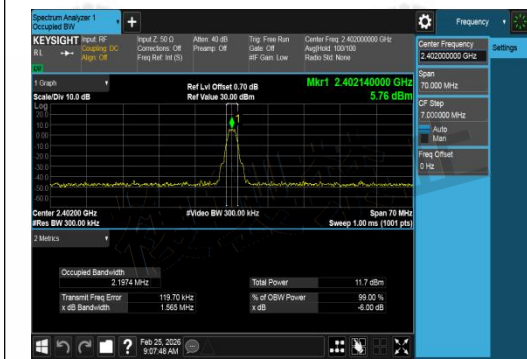




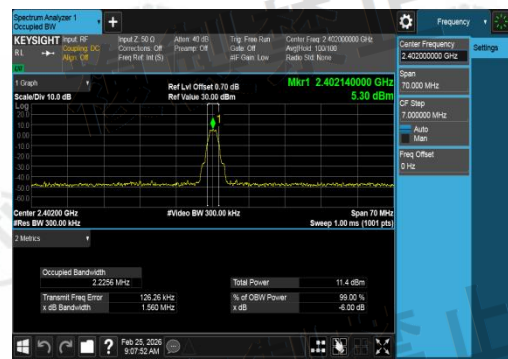
NTHV-BLE_1M-Ant1-2480-PASS



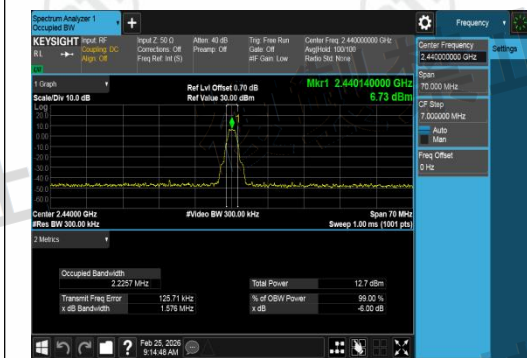
NTLV-BLE_2M-Ant1-2402-PASS



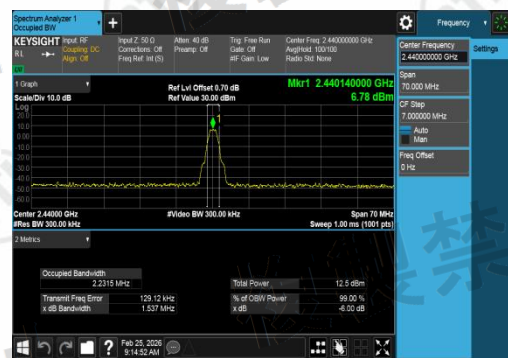
NTVN-BLE_2M-Ant1-2402-PASS



NTHV-BLE_2M-Ant1-2402-PASS



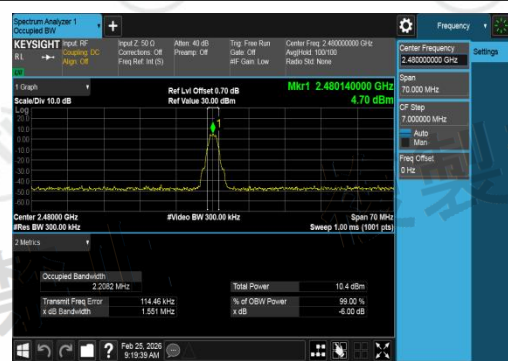
NTLV-BLE_2M-Ant1-2440-PASS



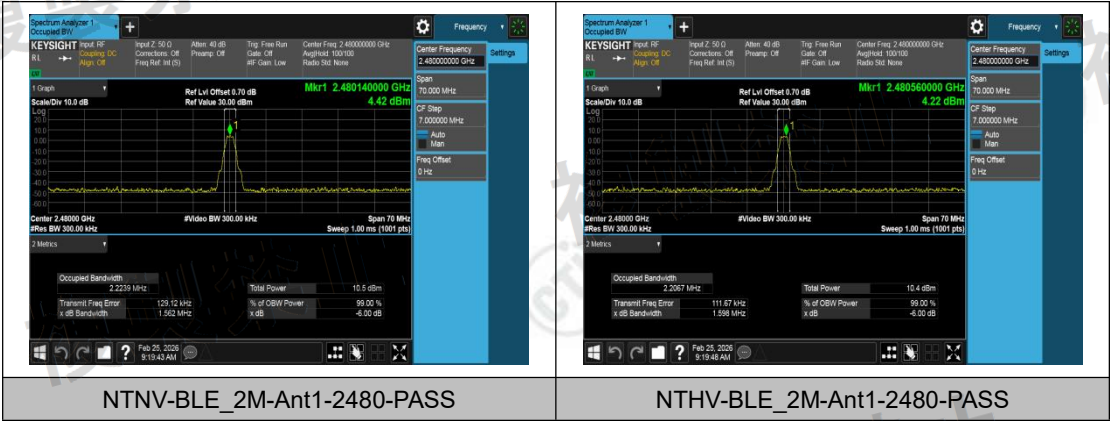
NTNV-BLE_2M-Ant1-2440-PASS



NTHV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2480-PASS

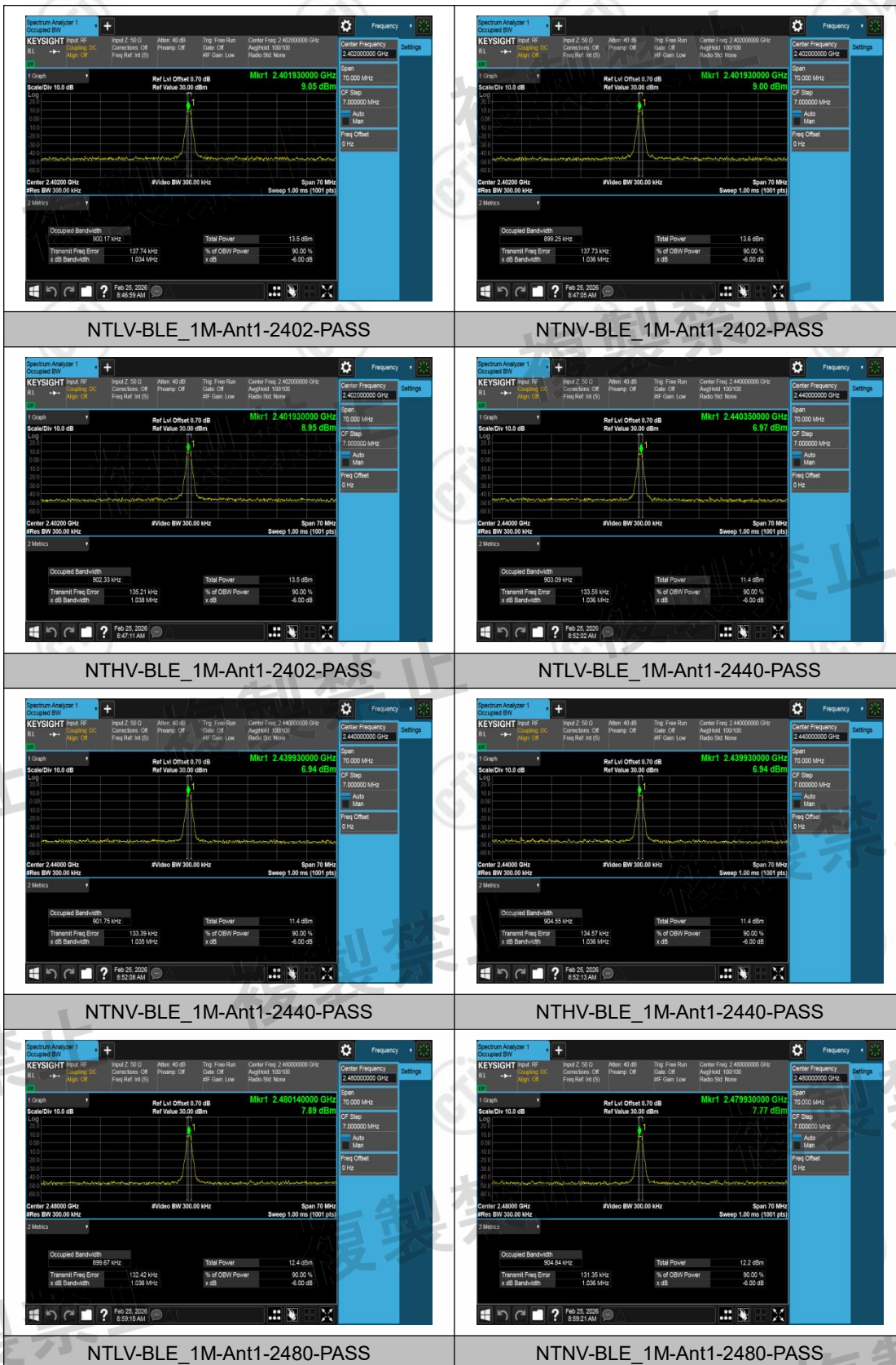


Appendix D: Spread Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]
NTLV	BLE_1M	Ant1	2402	0.900
NTNV	BLE_1M	Ant1	2402	0.899
NTHV	BLE_1M	Ant1	2402	0.902
NTLV	BLE_1M	Ant1	2440	0.903
NTNV	BLE_1M	Ant1	2440	0.902
NTHV	BLE_1M	Ant1	2440	0.905
NTLV	BLE_1M	Ant1	2480	0.900
NTNV	BLE_1M	Ant1	2480	0.905
NTHV	BLE_1M	Ant1	2480	0.906
NTLV	BLE_2M	Ant1	2402	1.447
NTNV	BLE_2M	Ant1	2402	1.442
NTHV	BLE_2M	Ant1	2402	1.461
NTLV	BLE_2M	Ant1	2440	1.435
NTNV	BLE_2M	Ant1	2440	1.447
NTHV	BLE_2M	Ant1	2440	1.438
NTLV	BLE_2M	Ant1	2480	1.432
NTNV	BLE_2M	Ant1	2480	1.445
NTHV	BLE_2M	Ant1	2480	1.444

Test Graphs

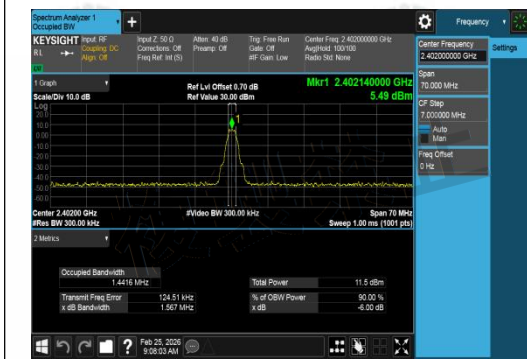




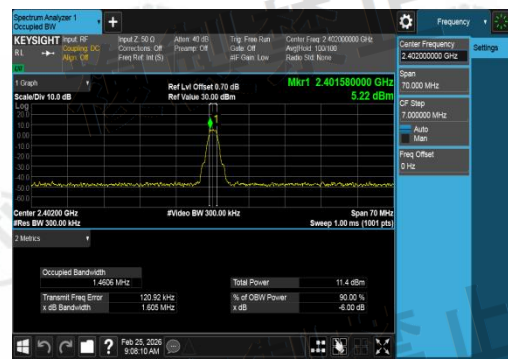
NTHV-BLE_1M-Ant1-2480-PASS



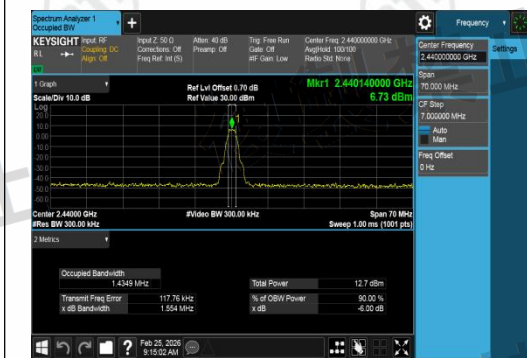
NTLV-BLE_2M-Ant1-2402-PASS



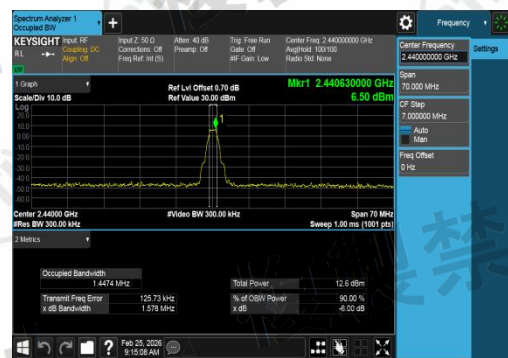
NTHV-BLE_2M-Ant1-2402-PASS



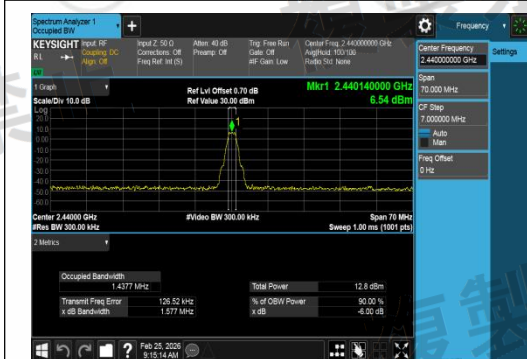
NTLV-BLE_2M-Ant1-2402-PASS



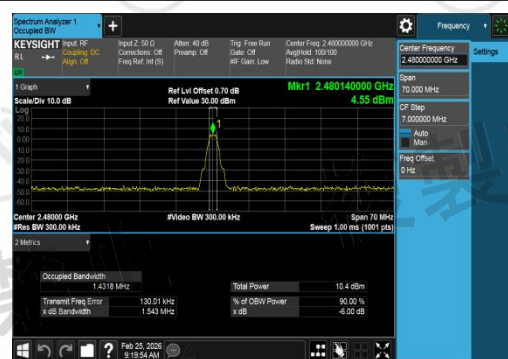
NTHV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2440-PASS



NTHV-BLE_2M-Ant1-2440-PASS



NTLV-BLE_2M-Ant1-2480-PASS



NTNV-BLE_2M-Ant1-2480-PASS



NTHV-BLE_2M-Ant1-2480-PASS

Appendix E: Unwanted Emission Strength

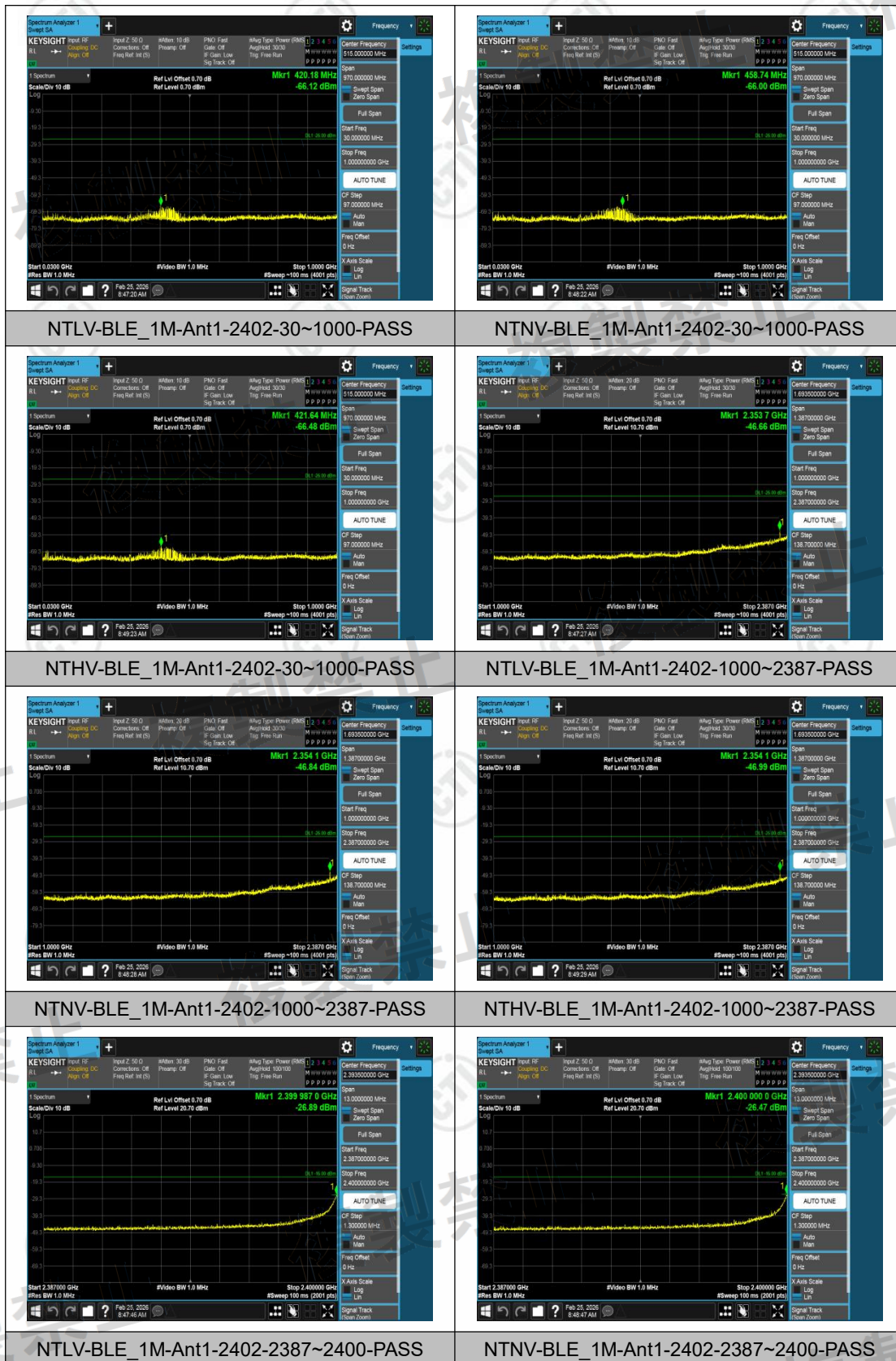
Test Result

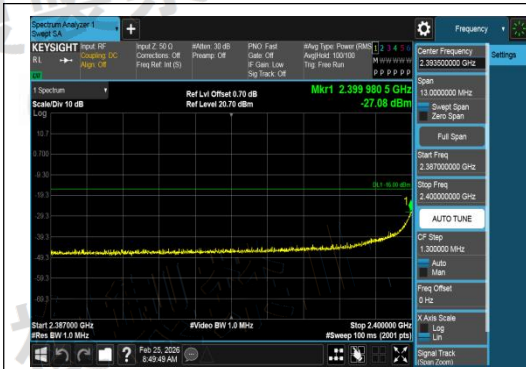
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	ResultFreq (MHz)	Result [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	30~1000	420.18	-66.12	0.00024	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	30~1000	458.74	-66.00	0.00025	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	30~1000	421.64	-66.48	0.00022	≤2.5	PASS
NTLV	BLE_1M	Ant1	2402	1000~2387	2353.71	-46.66	0.02158	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2354.06	-46.84	0.02070	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	1000~2387	2354.06	-46.99	0.02000	≤2.5	PASS
NTLV	BLE_1M	Ant1	2402	2387~2400	2399.99	-26.89	2.04644	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-26.47	2.25424	≤25	PASS
NTHV	BLE_1M	Ant1	2402	2387~2400	2399.98	-27.08	1.95884	≤25	PASS
NTLV	BLE_1M	Ant1	2402	2483.5~2496.5	2494.13	-47.34	0.01845	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2490.70	-47.28	0.01871	≤25	PASS
NTHV	BLE_1M	Ant1	2402	2483.5~2496.5	2485.16	-47.15	0.01928	≤25	PASS
NTLV	BLE_1M	Ant1	2402	2496.5~13000	4655.49	-56.93	0.00203	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	3603.57	-56.38	0.00230	≤2.5	PASS
NTHV	BLE_1M	Ant1	2402	2496.5~13000	2512.26	-56.13	0.00244	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	30~1000	440.07	-65.51	0.00028	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	435.70	-66.27	0.00024	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	30~1000	458.50	-66.15	0.00024	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	1000~2387	2353.71	-50.72	0.00847	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2343.66	-50.91	0.00811	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	1000~2387	2385.61	-50.80	0.00832	≤2.5	PASS
NTLV	BLE_1M	Ant1	2440	2387~2400	2395.79	-46.19	0.02404	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2393.83	-46.14	0.02432	≤25	PASS
NTHV	BLE_1M	Ant1	2440	2387~2400	2399.70	-45.83	0.02612	≤25	PASS
NTLV	BLE_1M	Ant1	2440	2483.5~2496.5	2489.34	-47.64	0.01722	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2496.13	-47.50	0.01778	≤25	PASS
NTHV	BLE_1M	Ant1	2440	2483.5~2496.5	2483.52	-47.06	0.01968	≤25	PASS
NTLV	BLE_1M	Ant1	2440	2496.5~13000	2501.75	-54.75	0.00335	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	4627.66	-56.36	0.00231	≤2.5	PASS
NTHV	BLE_1M	Ant1	2440	2496.5~13000	2505.95	-56.43	0.00228	≤2.5	PASS
NTLV	BLE_1M	Ant1	2480	30~1000	460.44	-65.86	0.00026	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	429.40	-65.82	0.00026	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	30~1000	444.68	-66.11	0.00024	≤2.5	PASS
NTLV	BLE_1M	Ant1	2480	1000~2387	2373.13	-48.25	0.01496	≤2.5	PASS

NTNV	BLE_1M	Ant1	2480	1000~2387	2368.97	-48.86	0.01300	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	1000~2387	2376.25	-49.21	0.01199	≤2.5	PASS
NTLV	BLE_1M	Ant1	2480	2387~2400	2388.11	-45.00	0.03162	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2399.56	-44.80	0.03311	≤25	PASS
NTHV	BLE_1M	Ant1	2480	2387~2400	2394.59	-45.24	0.02992	≤25	PASS
NTLV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.56	-43.02	0.04989	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.55	-42.53	0.05585	≤25	PASS
NTHV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.67	-42.56	0.05546	≤25	PASS
NTLV	BLE_1M	Ant1	2480	2496.5~13000	2507.00	-53.29	0.00469	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	2555.84	-54.43	0.00361	≤2.5	PASS
NTHV	BLE_1M	Ant1	2480	2496.5~13000	2513.31	-52.81	0.00524	≤2.5	PASS
NTLV	BLE_2M	Ant1	2402	30~1000	437.16	-68.60	0.00014	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	830.98	-62.83	0.00052	≤2.5	PASS
NTHV	BLE_2M	Ant1	2402	30~1000	423.82	-68.42	0.00014	≤2.5	PASS
NTLV	BLE_2M	Ant1	2402	1000~2387	2353.37	-49.50	0.01122	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2353.37	-50.42	0.00908	≤2.5	PASS
NTHV	BLE_2M	Ant1	2402	1000~2387	2354.06	-50.23	0.00948	≤2.5	PASS
NTLV	BLE_2M	Ant1	2402	2387~2400	2399.99	-17.50	17.7828	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2399.99	-17.42	18.1134	≤25	PASS
NTHV	BLE_2M	Ant1	2402	2387~2400	2399.99	-17.46	17.9473	≤25	PASS
NTLV	BLE_2M	Ant1	2402	2483.5~2496.5	2495.36	-47.85	0.01641	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2494.06	-48.33	0.01469	≤25	PASS
NTHV	BLE_2M	Ant1	2402	2483.5~2496.5	2494.13	-47.73	0.01687	≤25	PASS
NTLV	BLE_2M	Ant1	2402	2496.5~13000	3914.47	-55.72	0.00268	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	4637.11	-56.23	0.00238	≤2.5	PASS
NTHV	BLE_2M	Ant1	2402	2496.5~13000	3421.33	-51.73	0.00671	≤2.5	PASS
NTLV	BLE_2M	Ant1	2440	30~1000	450.74	-66.51	0.00022	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	434.49	-65.78	0.00026	≤2.5	PASS
NTHV	BLE_2M	Ant1	2440	30~1000	461.89	-65.45	0.00029	≤2.5	PASS
NTLV	BLE_2M	Ant1	2440	1000~2387	2363.77	-51.21	0.00757	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2385.61	-50.63	0.00865	≤2.5	PASS
NTHV	BLE_2M	Ant1	2440	1000~2387	2377.98	-51.19	0.00760	≤2.5	PASS
NTLV	BLE_2M	Ant1	2440	2387~2400	2399.10	-46.10	0.02455	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2392.62	-45.71	0.02685	≤25	PASS
NTHV	BLE_2M	Ant1	2440	2387~2400	2391.75	-46.16	0.02421	≤25	PASS
NTLV	BLE_2M	Ant1	2440	2483.5~2496.5	2484.69	-47.17	0.01919	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2488.64	-46.59	0.02193	≤25	PASS
NTHV	BLE_2M	Ant1	2440	2483.5~2496.5	2494.51	-47.13	0.01936	≤25	PASS
NTLV	BLE_2M	Ant1	2440	2496.5~13000	2512.78	-56.75	0.00211	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	4631.86	-56.33	0.00233	≤2.5	PASS
NTHV	BLE_2M	Ant1	2440	2496.5~13000	2541.67	-56.46	0.00226	≤2.5	PASS

NTLV	BLE_2M	Ant1	2480	30~1000	439.34	-66.64	0.00022	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	435.22	-65.08	0.00031	≤2.5	PASS
NTHV	BLE_2M	Ant1	2480	30~1000	462.14	-66.59	0.00022	≤2.5	PASS
NTLV	BLE_2M	Ant1	2480	1000~2387	2364.46	-51.21	0.00757	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2363.77	-51.66	0.00682	≤2.5	PASS
NTHV	BLE_2M	Ant1	2480	1000~2387	2354.75	-50.52	0.00887	≤2.5	PASS
NTLV	BLE_2M	Ant1	2480	2387~2400	2399.89	-46.13	0.02438	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2390.19	-45.65	0.02723	≤25	PASS
NTHV	BLE_2M	Ant1	2480	2387~2400	2387.61	-46.21	0.02393	≤25	PASS
NTLV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.52	-44.00	0.03981	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.70	-43.73	0.04236	≤25	PASS
NTHV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.60	-44.09	0.03899	≤25	PASS
NTLV	BLE_2M	Ant1	2480	2496.5~13000	3655.56	-56.52	0.00223	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	4646.57	-55.93	0.00255	≤2.5	PASS
NTHV	BLE_2M	Ant1	2480	2496.5~13000	2518.56	-56.83	0.00207	≤2.5	PASS

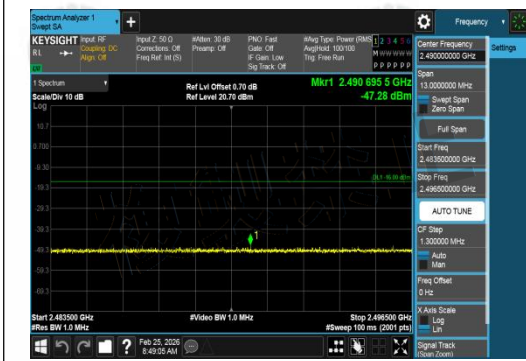
Test Graphs





NTHV-BLE_1M-Ant1-2402-2387~2400-PASS

NTLV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS



NNTV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS

NTHV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS



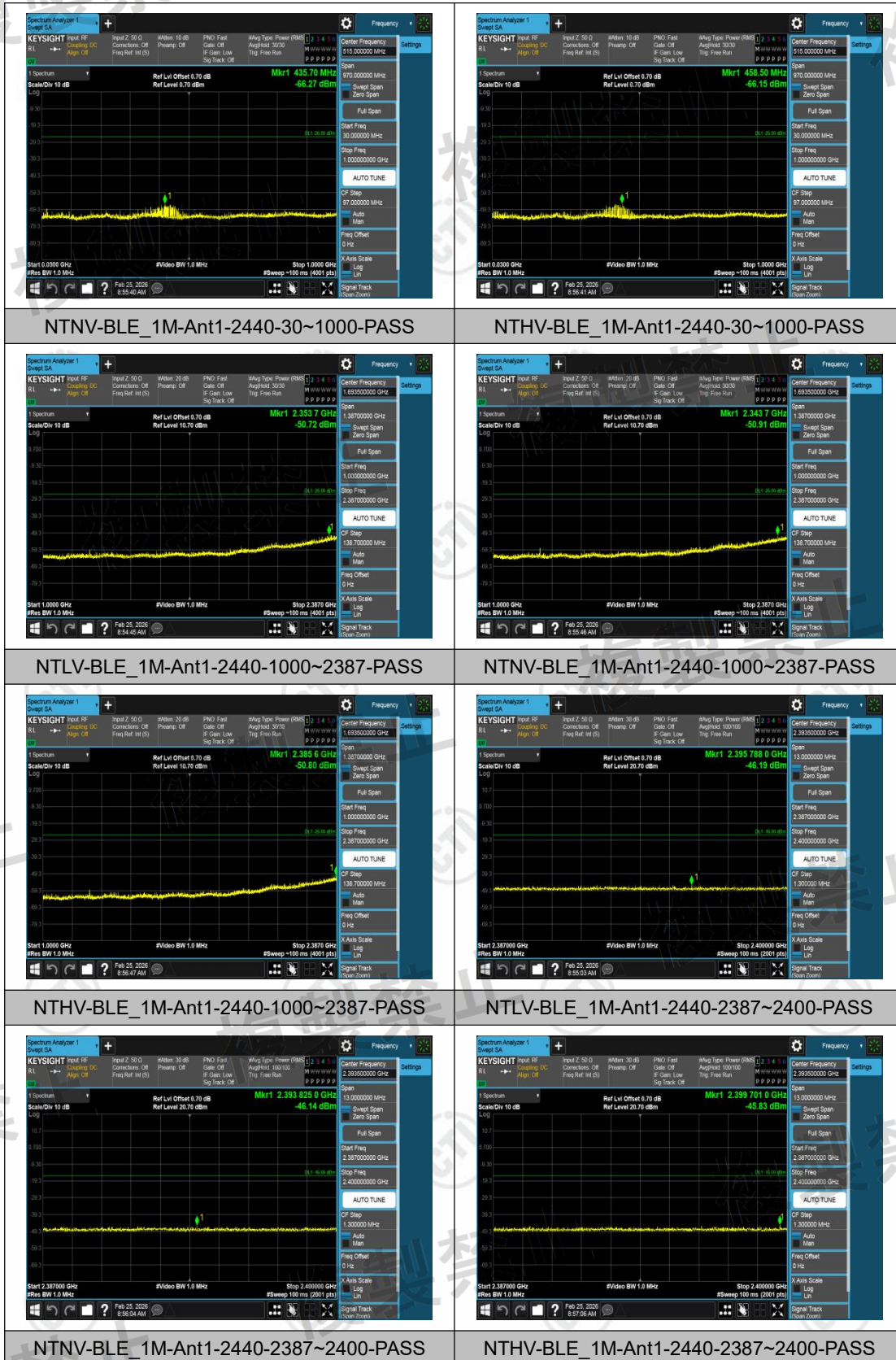
NTLV-BLE_1M-Ant1-2402-2496.5~13000-PASS

NNTV-BLE_1M-Ant1-2402-2496.5~13000-PASS



NTHV-BLE_1M-Ant1-2402-2496.5~13000-PASS

NTLV-BLE_1M-Ant1-2440-30~1000-PASS





NTLV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS



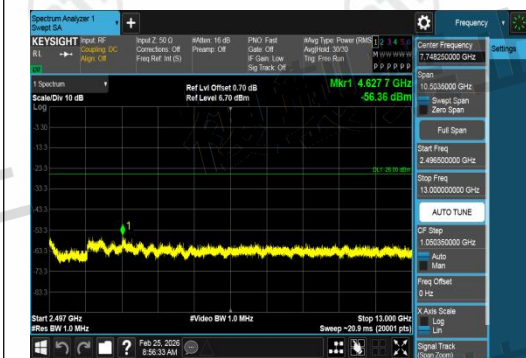
NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS



NTHV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS



NTLV-BLE_1M-Ant1-2440-2496.5~13000-PASS



NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS



NTHV-BLE_1M-Ant1-2440-2496.5~13000-PASS



NTLV-BLE_1M-Ant1-2480-30~1000-PASS



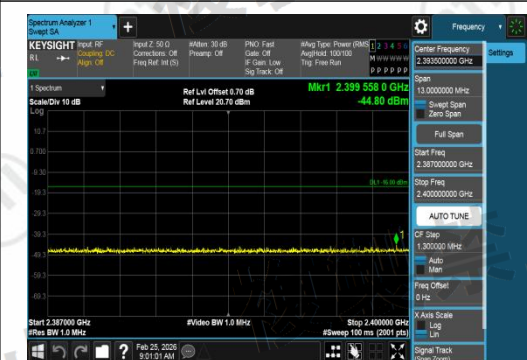
NTNV-BLE_1M-Ant1-2480-30~1000-PASS



NTLV-BLE 1M-Ant1-2480-1000~2387-PASS



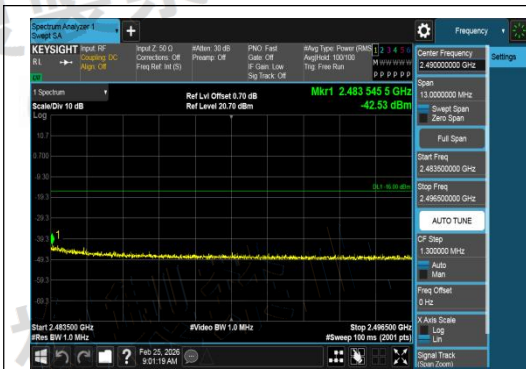
NTHV-BLE 1M-Ant1-2480-1000~2387-PASS



NTNV-BLE 1M-Ant1-2480-2387~2400-PASS



NTLV-BLE 1M-Ant1-2480-2483.5~2496.5-PASS



NTVN-BLE_1M-Ant1-2480-2483.5~2496.5-PASS



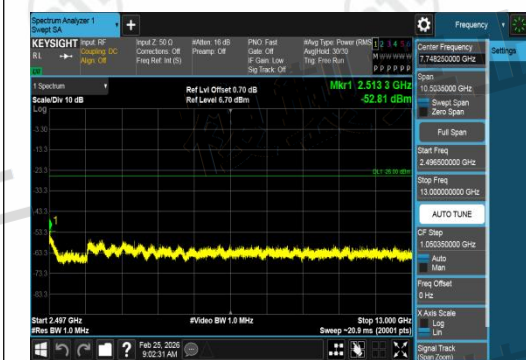
NTHV-BLE_1M-Ant1-2480-2483.5~2496.5-PASS



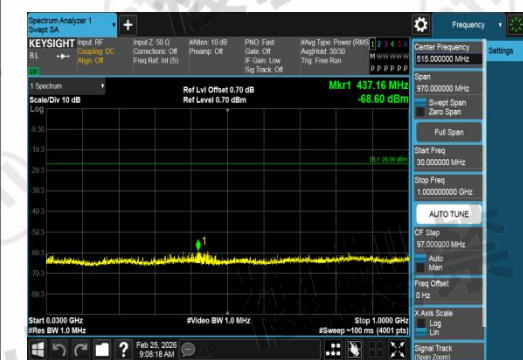
NTLV-BLE_1M-Ant1-2480-2496.5~13000-PASS



NTVN-BLE_1M-Ant1-2480-2496.5~13000-PASS



NTHV-BLE_1M-Ant1-2480-2496.5~13000-PASS



NTLV-BLE_2M-Ant1-2402-30~1000-PASS



NTVN-BLE_2M-Ant1-2402-30~1000-PASS

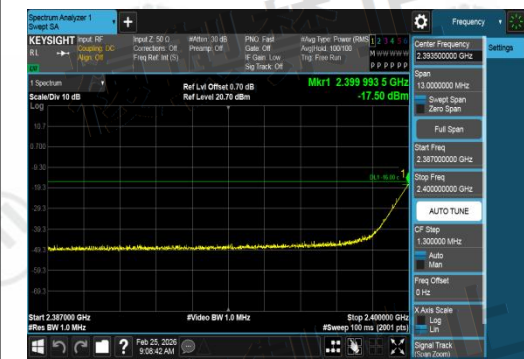
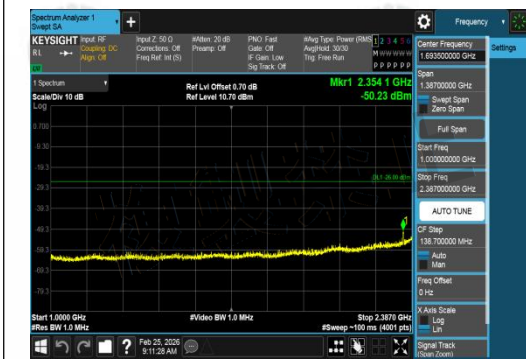


NTHV-BLE_2M-Ant1-2402-30~1000-PASS



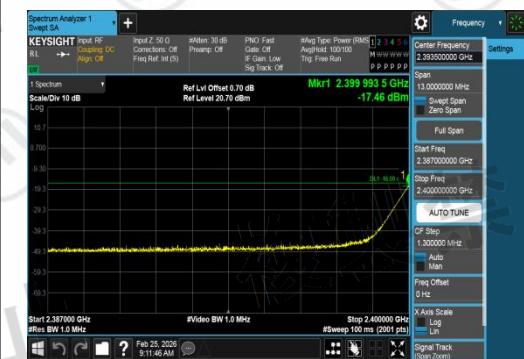
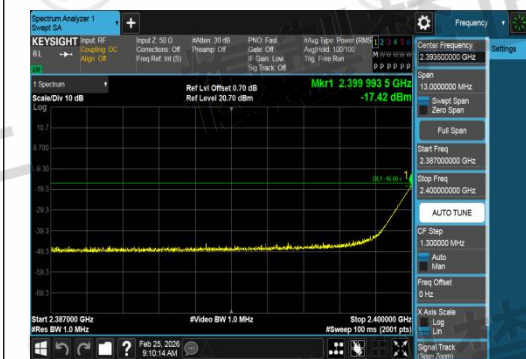
NTLV-BLE_2M-Ant1-2402-1000~2387-PASS

NNTV-BLE_2M-Ant1-2402-1000~2387-PASS



NTHV-BLE_2M-Ant1-2402-1000~2387-PASS

NTLV-BLE_2M-Ant1-2402-2387~2400-See table below



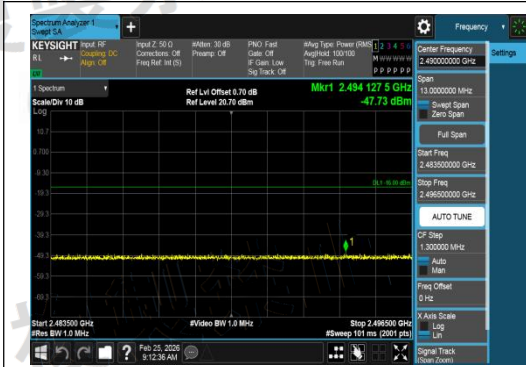
NNTV-BLE_2M-Ant1-2402-2387~2400-See table below

NTHV-BLE_2M-Ant1-2402-2387~2400-See table below



NTLV-BLE_2M-Ant1-2402-2483.5~2496.5-PASS

NNTV-BLE_2M-Ant1-2402-2483.5~2496.5-PASS



NTHV-BLE_2M-Ant1-2402-2483.5~2496.5-PASS



NTLV-BLE_2M-Ant1-2402-2496.5~13000-PASS



NNTV-BLE_2M-Ant1-2402-2496.5~13000-PASS



NTHV-BLE_2M-Ant1-2402-2496.5~13000-PASS



NTLV-BLE_2M-Ant1-2440-30~1000-PASS



NNTV-BLE_2M-Ant1-2440-30~1000-PASS



NTHV-BLE_2M-Ant1-2440-30~1000-PASS

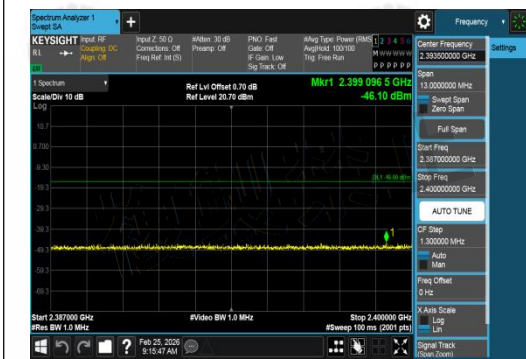


NTLV-BLE_2M-Ant1-2440-1000~2387-PASS



NTNV-BLE_2M-Ant1-2440-1000~2387-PASS

NTHV-BLE_2M-Ant1-2440-1000~2387-PASS



NTLV-BLE_2M-Ant1-2440-2387~2400-PASS

NTNV-BLE_2M-Ant1-2440-2387~2400-PASS



NTHV-BLE_2M-Ant1-2440-2387~2400-PASS

NTLV-BLE_2M-Ant1-2440-2483.5~2496.5-PASS



NTNV-BLE_2M-Ant1-2440-2483.5~2496.5-PASS

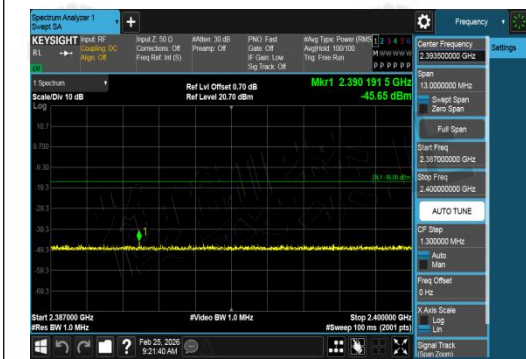
NTHV-BLE_2M-Ant1-2440-2483.5~2496.5-PASS



NTHV-BLE_2M-Ant1-2480-1000~2387-PASS



NTLV-BLE_2M-Ant1-2480-2387~2400-PASS



NTVN-BLE_2M-Ant1-2480-2387~2400-PASS



NTHV-BLE_2M-Ant1-2480-2387~2400-PASS



NTLV-BLE_2M-Ant1-2480-2483.5~2496.5-PASS



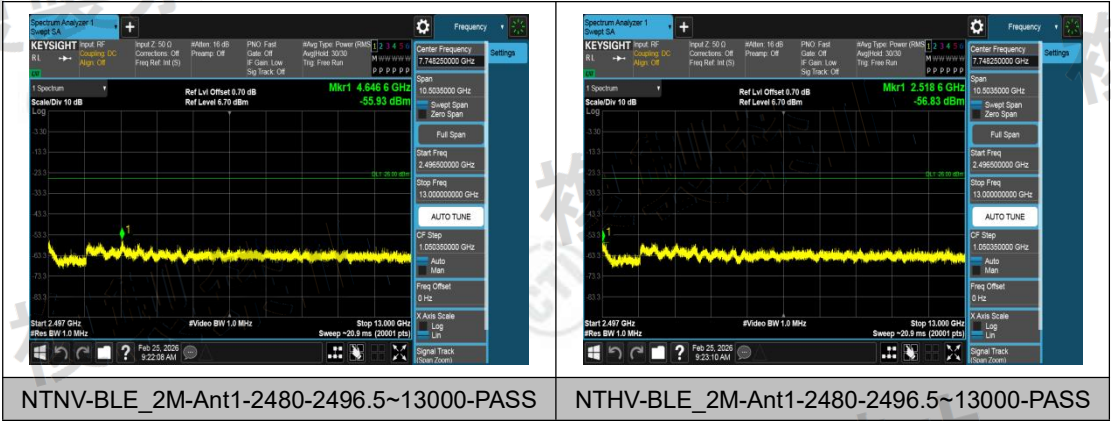
NTNV-BLE_2M-Ant1-2480-2483.5~2496.5-PASS



NTHV-BLE_2M-Ant1-2480-2483.5~2496.5-PASS



NTLV-BLE_2M-Ant1-2480-2496.5~13000-PASS



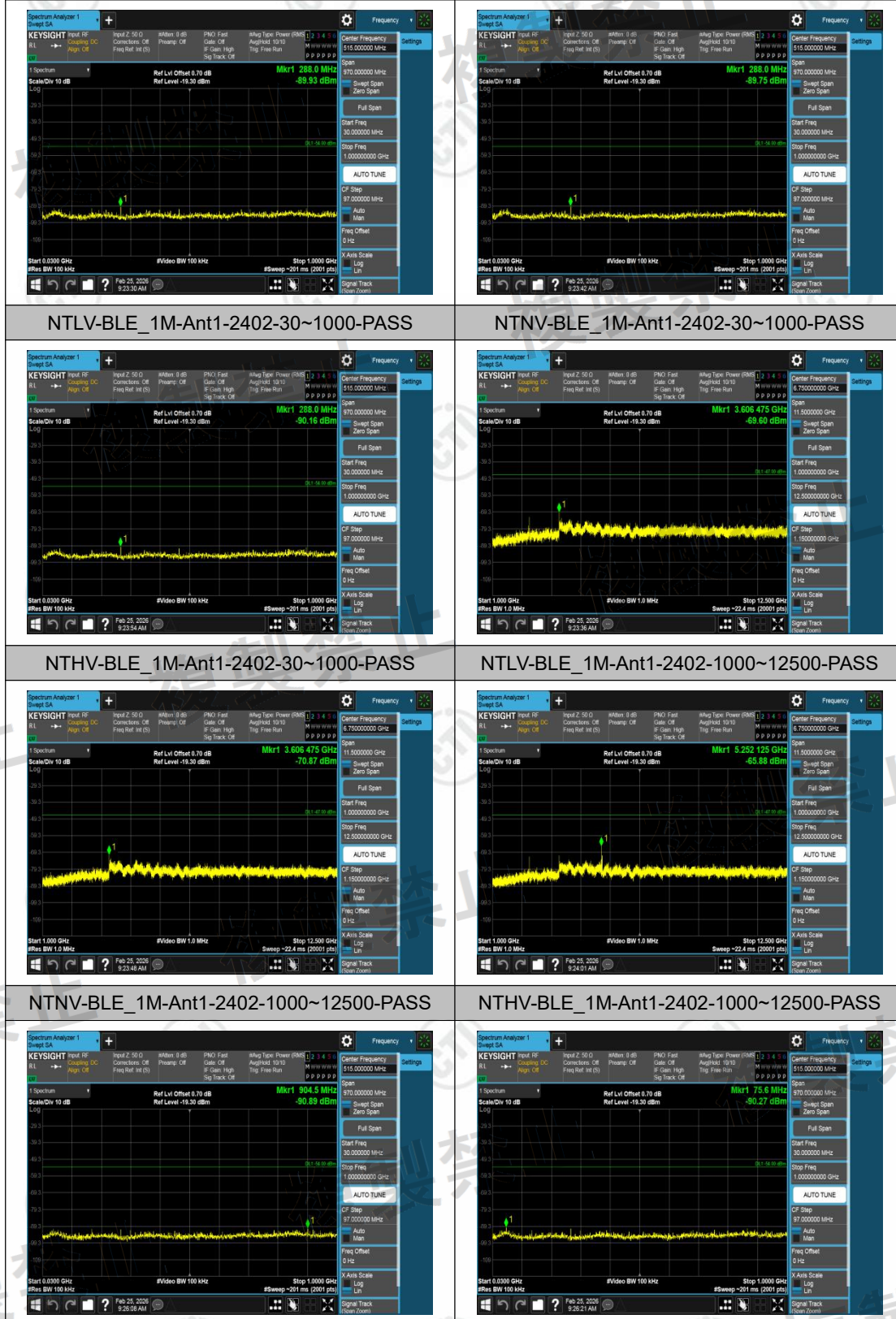
Appendix F: Secondary Radiated Emission Strength

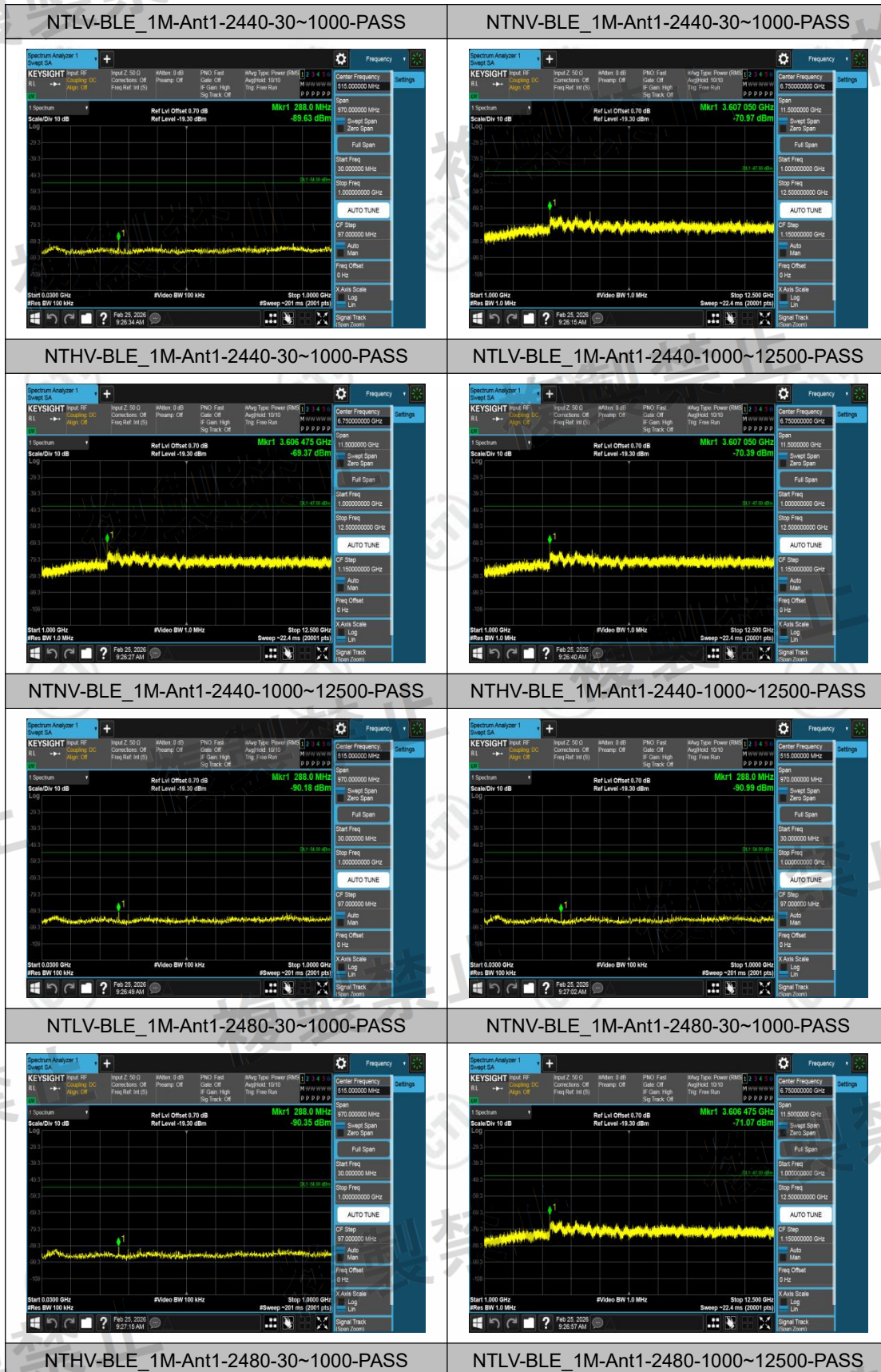
Test Result

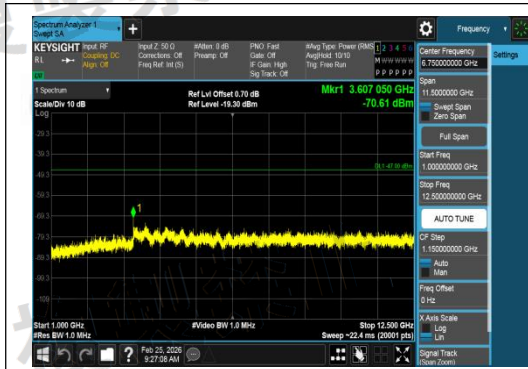
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	ResultFrequency (MHz)	Result [dBm]	Result [nW]	Limit [nW]	Verdict
NTLV	BLE_1M	Ant1	2402	30~1000	288.02	-89.93	0.00102	≤4	PASS
NTNV	BLE_1M	Ant1	2402	30~1000	288.02	-89.75	0.00106	≤4	PASS
NTHV	BLE_1M	Ant1	2402	30~1000	288.02	-90.16	0.00096	≤4	PASS
NTLV	BLE_1M	Ant1	2402	1000~12500	3606.48	-69.60	0.10965	≤20	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	3606.48	-70.87	0.08185	≤20	PASS
NTHV	BLE_1M	Ant1	2402	1000~12500	5252.13	-65.88	0.25823	≤20	PASS
NTLV	BLE_1M	Ant1	2440	30~1000	904.46	-90.89	0.00081	≤4	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	75.59	-90.27	0.00094	≤4	PASS
NTHV	BLE_1M	Ant1	2440	30~1000	288.02	-89.63	0.00109	≤4	PASS
NTLV	BLE_1M	Ant1	2440	1000~12500	3607.05	-70.97	0.07998	≤20	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	3606.48	-69.37	0.11561	≤20	PASS
NTHV	BLE_1M	Ant1	2440	1000~12500	3607.05	-70.39	0.09141	≤20	PASS
NTLV	BLE_1M	Ant1	2480	30~1000	288.02	-90.18	0.00096	≤4	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	288.02	-90.99	0.00080	≤4	PASS
NTHV	BLE_1M	Ant1	2480	30~1000	288.02	-90.35	0.00092	≤4	PASS
NTLV	BLE_1M	Ant1	2480	1000~12500	3606.48	-71.07	0.07816	≤20	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	3607.05	-70.61	0.08690	≤20	PASS
NTHV	BLE_1M	Ant1	2480	1000~12500	3607.05	-70.97	0.07998	≤20	PASS
NTLV	BLE_2M	Ant1	2402	30~1000	288.02	-90.76	0.00084	≤4	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	288.02	-91.17	0.00076	≤4	PASS
NTHV	BLE_2M	Ant1	2402	30~1000	288.02	-90.48	0.00090	≤4	PASS
NTLV	BLE_2M	Ant1	2402	1000~12500	3606.48	-69.76	0.10568	≤20	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	3607.05	-70.28	0.09376	≤20	PASS
NTHV	BLE_2M	Ant1	2402	1000~12500	2435.78	-71.21	0.07568	≤20	PASS
NTLV	BLE_2M	Ant1	2440	30~1000	288.02	-90.47	0.00090	≤4	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	836.56	-89.96	0.00101	≤4	PASS
NTHV	BLE_2M	Ant1	2440	30~1000	288.02	-89.98	0.00100	≤4	PASS
NTLV	BLE_2M	Ant1	2440	1000~12500	3606.48	-71.52	0.07047	≤20	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	3606.48	-71.68	0.06792	≤20	PASS
NTHV	BLE_2M	Ant1	2440	1000~12500	3606.48	-71.20	0.07586	≤20	PASS
NTLV	BLE_2M	Ant1	2480	30~1000	288.02	-88.96	0.00127	≤4	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	975.27	-90.43	0.00091	≤4	PASS
NTHV	BLE_2M	Ant1	2480	30~1000	964.11	-90.99	0.00080	≤4	PASS
NTLV	BLE_2M	Ant1	2480	1000~12500	3606.48	-70.58	0.08750	≤20	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	3606.48	-70.42	0.09078	≤20	PASS

NTHV	BLE_2M	Ant1	2480	1000~12500	5201.53	-70.58	0.08750	≤20	PASS
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Test Graphs

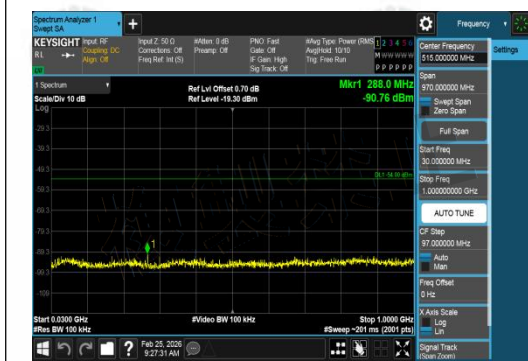






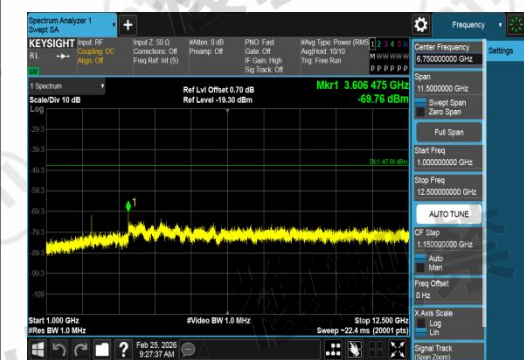
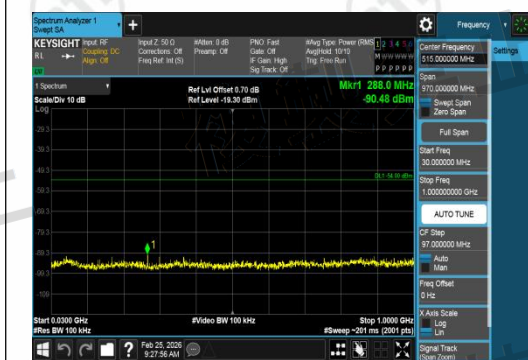
NTNV-BLE_1M-Ant1-2480-1000~12500-PASS

NTHV-BLE_1M-Ant1-2480-1000~12500-PASS



NTLV-BLE_2M-Ant1-2402-30~1000-PASS

NTNV-BLE_2M-Ant1-2402-30~1000-PASS



NTHV-BLE_2M-Ant1-2402-30~1000-PASS

NTLV-BLE_2M-Ant1-2402-1000~12500-PASS



NTNV-BLE_2M-Ant1-2402-1000~12500-PASS

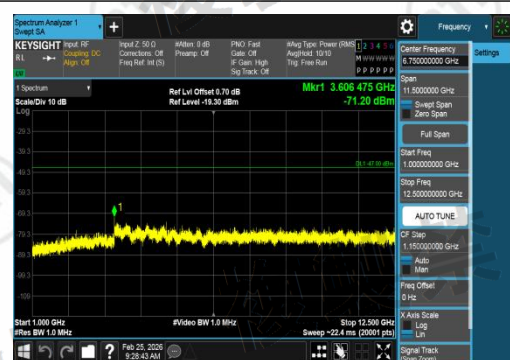
NTHV-BLE_2M-Ant1-2402-1000~12500-PASS



NTNV-BLE 2M-Ant1-2440-30~1000-PASS



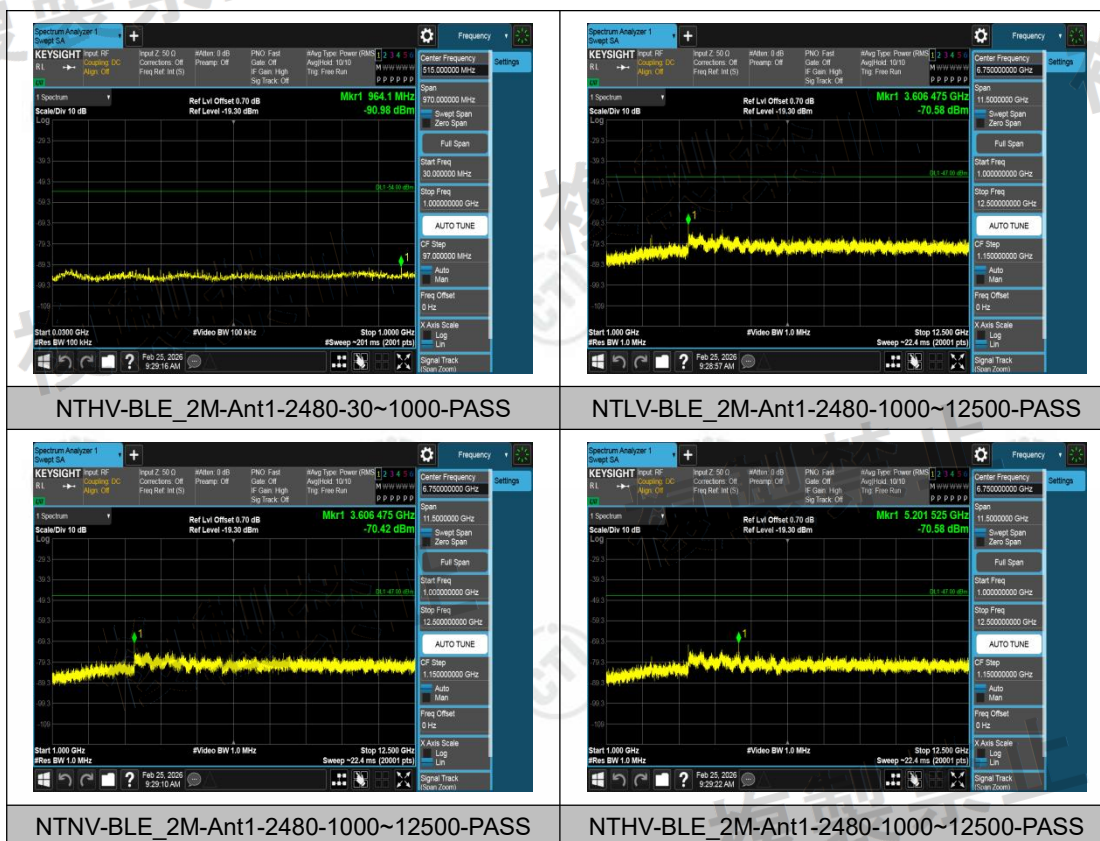
NTLV-BLE 2M-Ant1-2440-1000~12500-PASS



NTHV-BLE 2M-Ant1-2440-1000~12500-PASS



NTNV-BLE 2M-Ant1-2480-30~1000-PASS



*** End of Report ***