



Appendix G for 2.4GWIFI Test Data

Product Name: Smartphone

Test Model: NOTE 40

Environmental Conditions

Temperature:	22.2° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu



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G.1 RF Output Power

Condition	Mode	Frequency (MHz)	Antenna	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.56	20	Pass
NVNT	b	2442	Ant1	15.07	20	Pass
NVNT	b	2472	Ant1	15.01	20	Pass
NVNT	g	2412	Ant1	13.22	20	Pass
NVNT	g	2442	Ant1	14.35	20	Pass
NVNT	g	2472	Ant1	14.43	20	Pass
NVNT	n20	2412	Ant1	13.27	20	Pass
NVNT	n20	2442	Ant1	13.24	20	Pass
NVNT	n20	2472	Ant1	13.3	20	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max EIRP (dBm)	Limit (dBm)	Verdict
NVLT	b	2412	Ant1	14.52	20	Pass
NVLT	b	2442	Ant1	15.04	20	Pass
NVLT	b	2472	Ant1	14.94	20	Pass
NVLT	g	2412	Ant1	13.18	20	Pass
NVLT	g	2442	Ant1	14.29	20	Pass
NVLT	g	2472	Ant1	14.32	20	Pass
NVLT	n20	2412	Ant1	13.21	20	Pass
NVLT	n20	2442	Ant1	13.21	20	Pass
NVLT	n20	2472	Ant1	13.22	20	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	b	2412	Ant1	14.49	20	Pass
NVHT	b	2442	Ant1	14.98	20	Pass
NVHT	b	2472	Ant1	14.86	20	Pass
NVHT	g	2412	Ant1	13.10	20	Pass
NVHT	g	2442	Ant1	14.19	20	Pass
NVHT	g	2472	Ant1	14.25	20	Pass
NVHT	n20	2412	Ant1	13.14	20	Pass
NVHT	n20	2442	Ant1	13.13	20	Pass
NVHT	n20	2472	Ant1	13.18	20	Pass

***Note: 20 bursts had been captured for power measurement.



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G.2 Power Spectral Density

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	5.49	10	Pass
NVNT	b	2442	Ant1	4.12	10	Pass
NVNT	b	2472	Ant1	6.12	10	Pass
NVNT	g	2412	Ant1	1.68	10	Pass
NVNT	g	2442	Ant1	3.46	10	Pass
NVNT	g	2472	Ant1	3.05	10	Pass
NVNT	n20	2412	Ant1	1.59	10	Pass
NVNT	n20	2442	Ant1	1.53	10	Pass
NVNT	n20	2472	Ant1	1.8	10	Pass

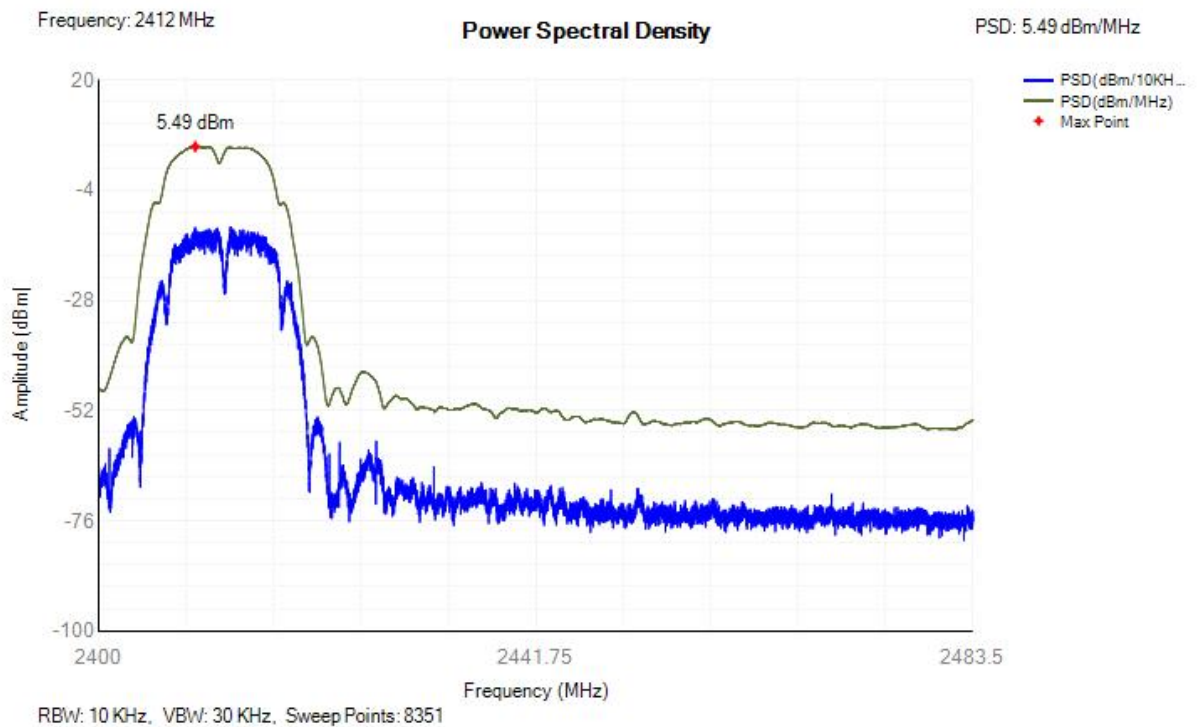


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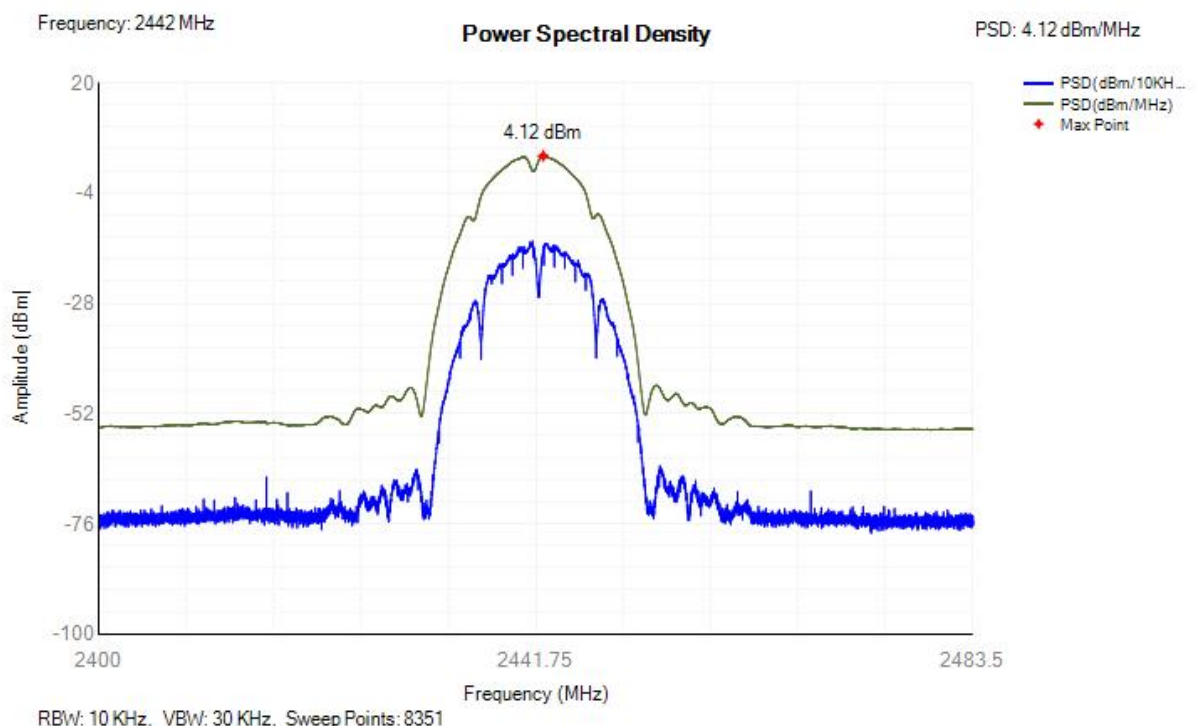


Test Graphs

PSD NVNT b 2412MHz Ant1

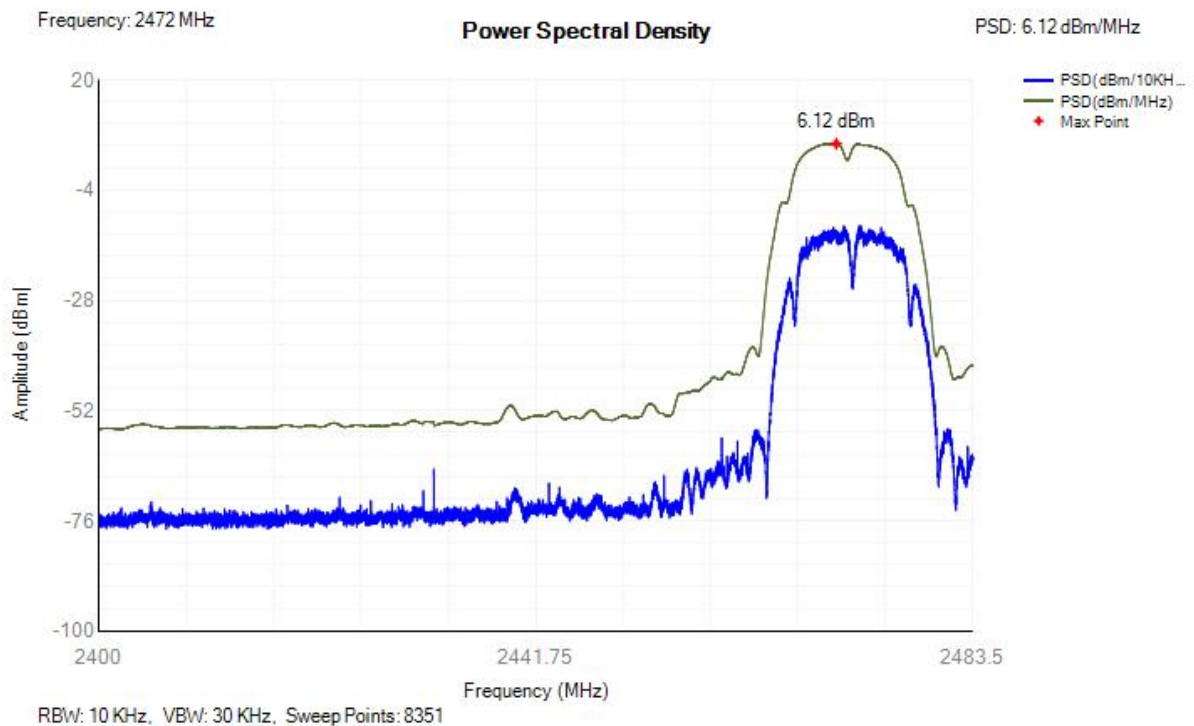


PSD NVNT b 2442MHz Ant1

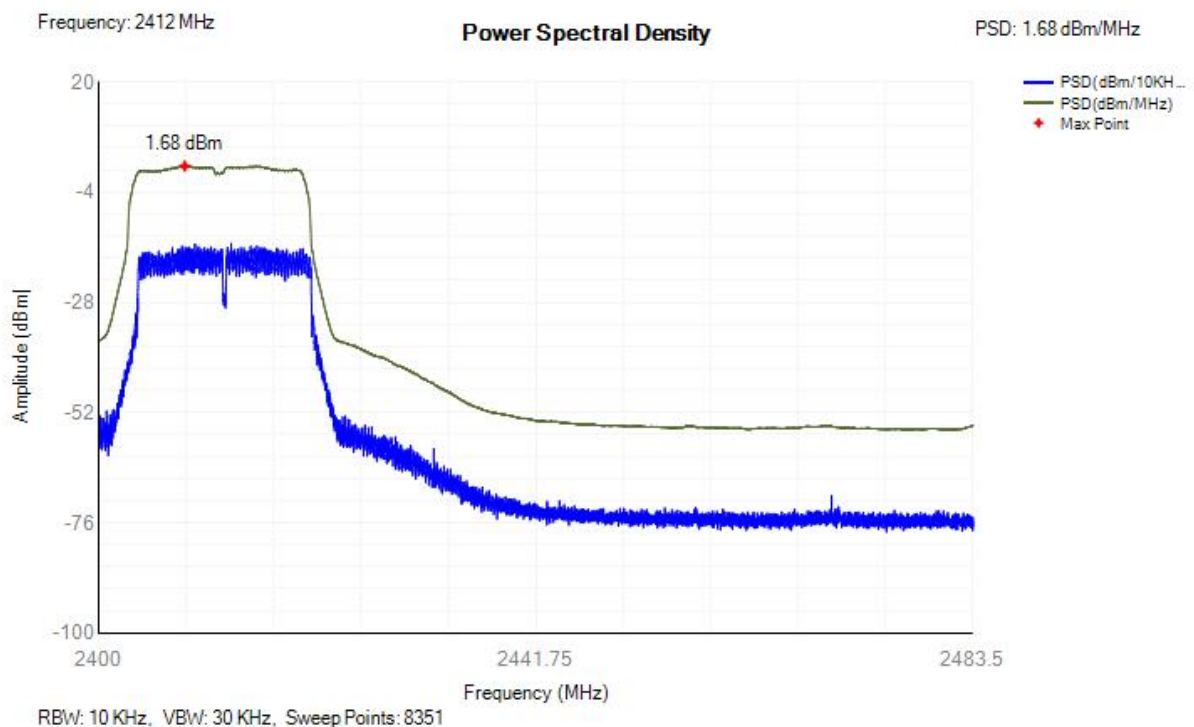




PSD NVNT b 2472MHz Ant1

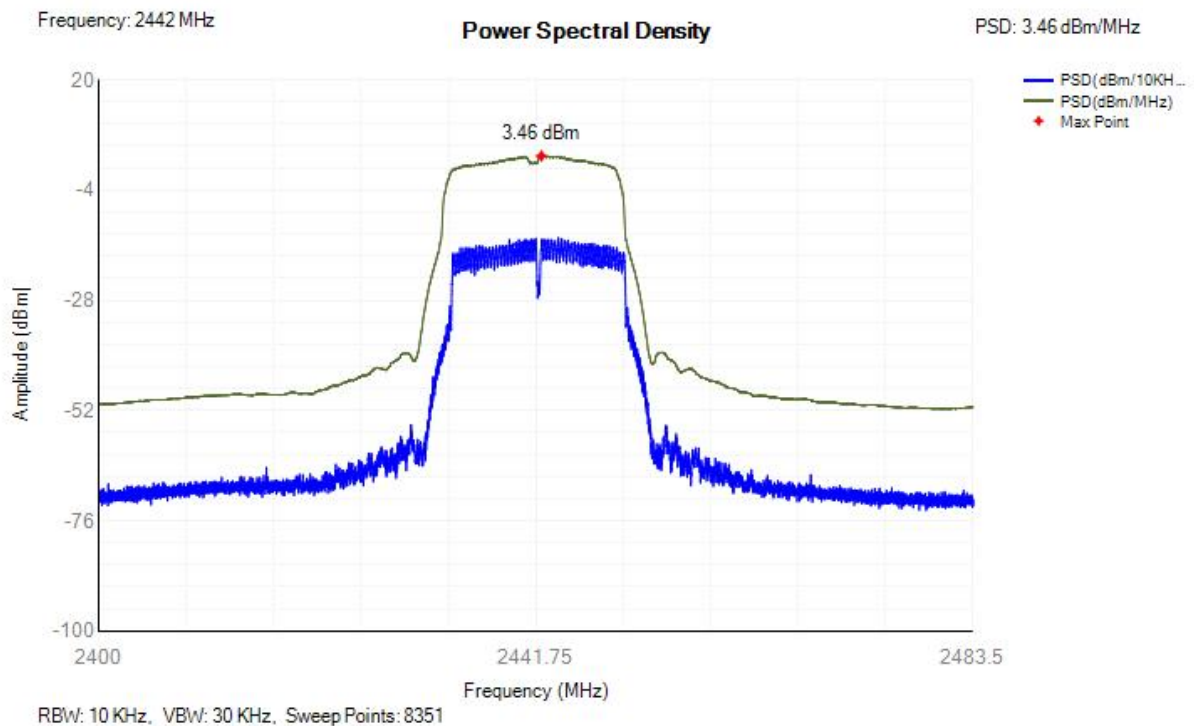


PSD NVNT g 2412MHz Ant1

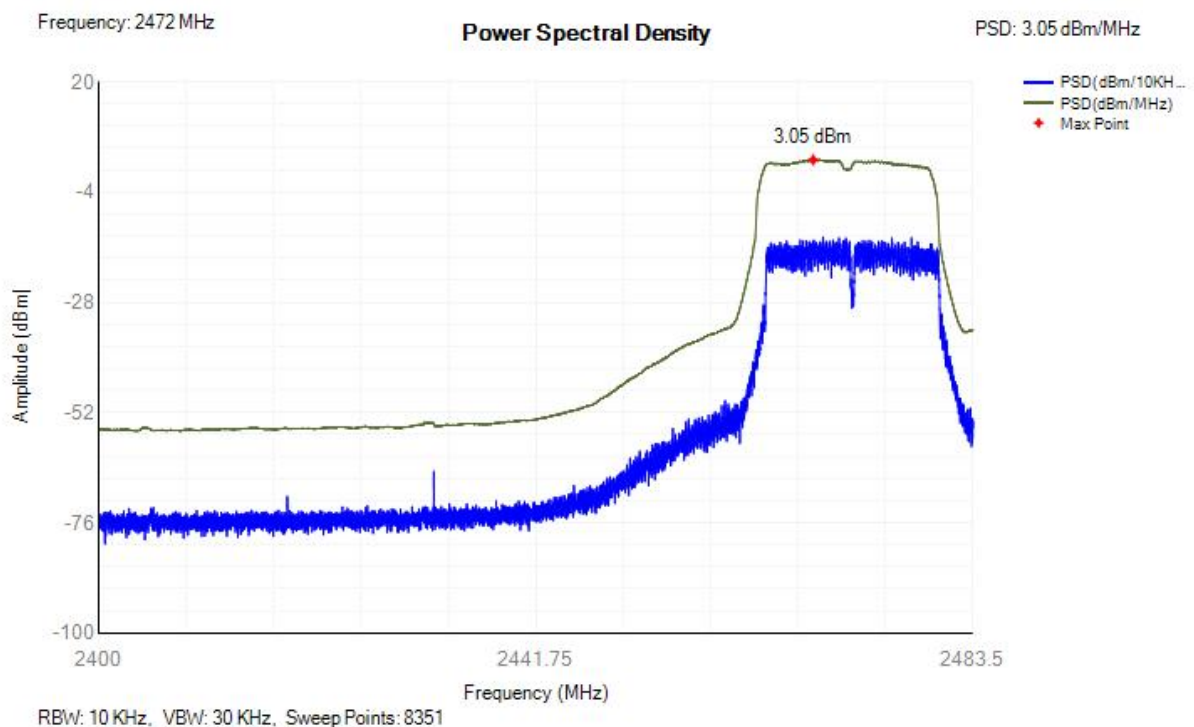


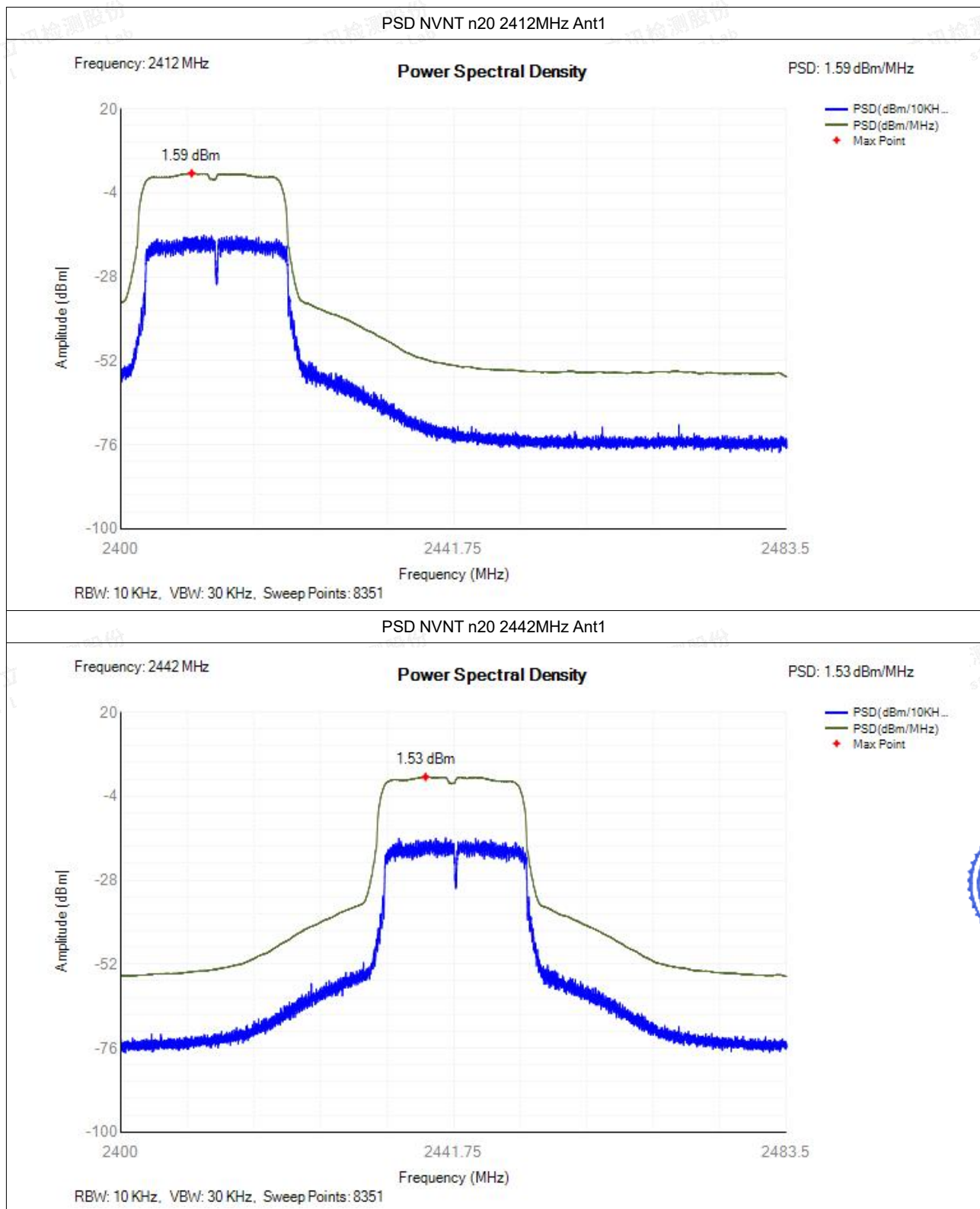


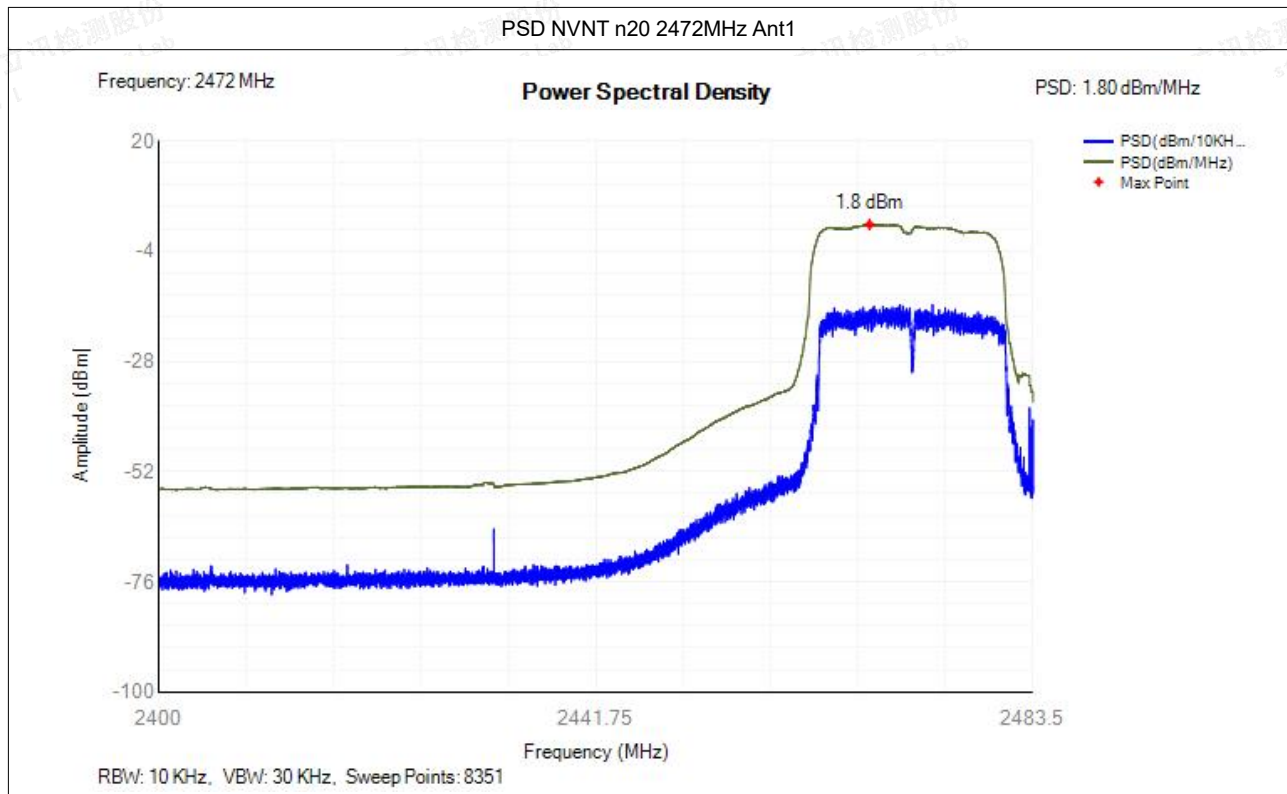
PSD NVNT g 2442MHz Ant1



PSD NVNT g 2472MHz Ant1









G.3 Adaptivity

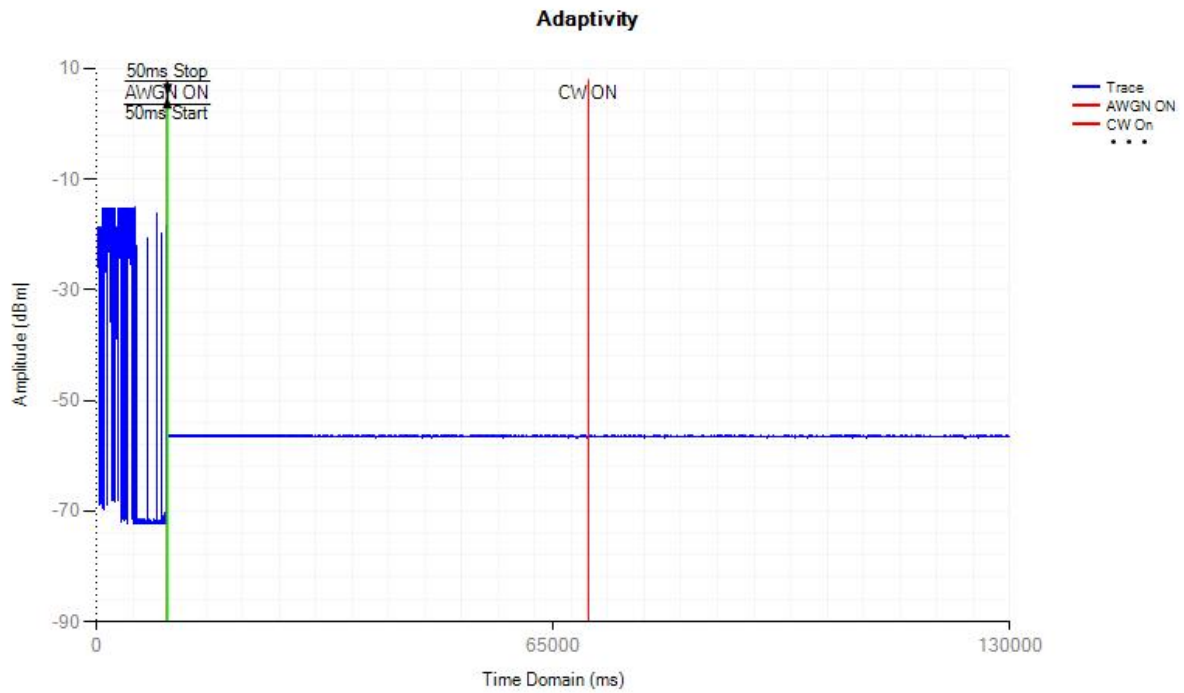
Condition	Mode	Frequency (MHz)	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	b	2412	-64.56	-35	0	0	<=10	Pass
NVNT	b	2442	-65.07	-35	0	0	<=10	Pass
NVNT	b	2472	-65.01	-35	0	0	<=10	Pass
NVNT	g	2412	-63.22	-35	0	0	<=10	Pass
NVNT	g	2442	-64.35	-35	0	0	<=10	Pass
NVNT	g	2472	-64.43	-35	0	0	<=10	Pass
NVNT	n20	2412	-63.27	-35	0	0	<=10	Pass
NVNT	n20	2442	-63.24	-35	0	0	<=10	Pass
NVNT	n20	2472	-63.30	-35	0	0	<=10	Pass



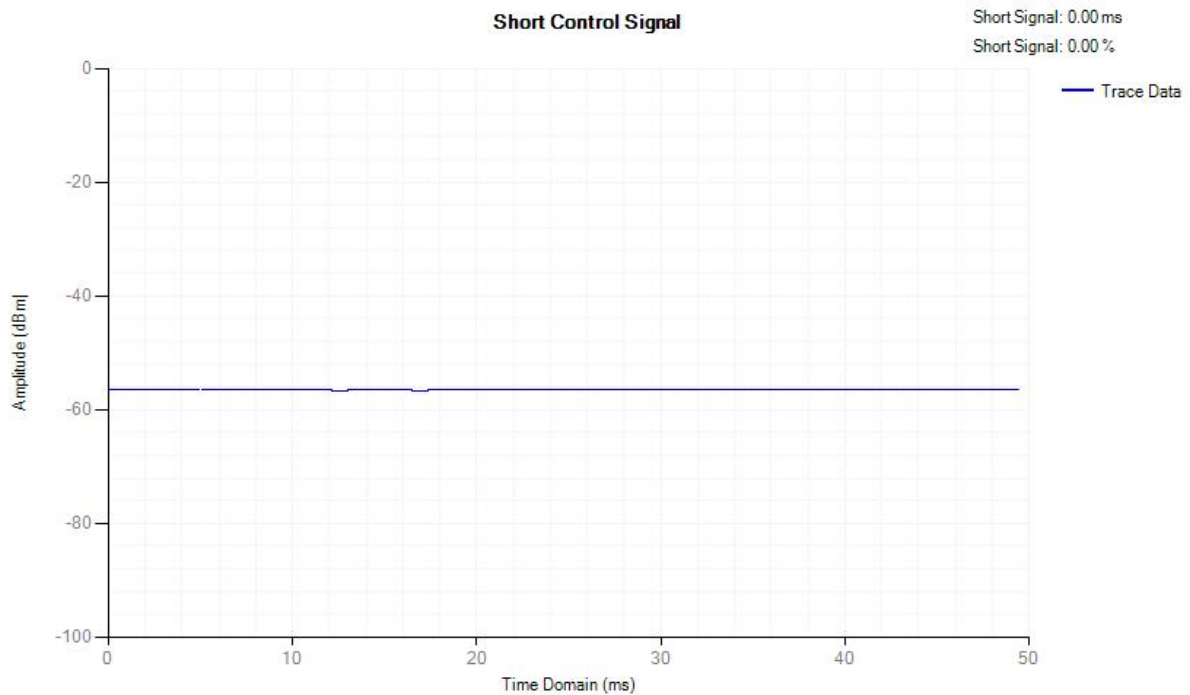


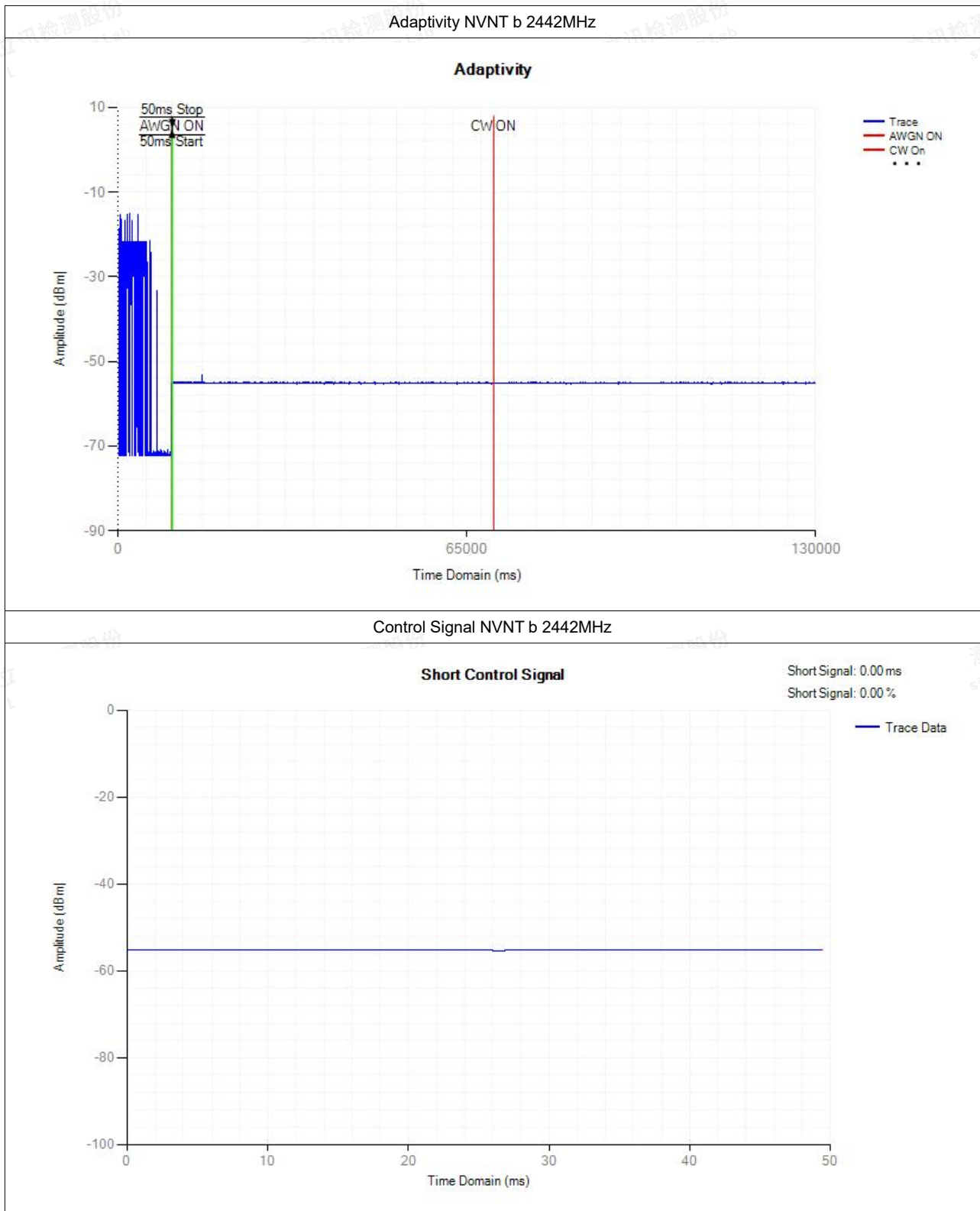
Test Graphs

Adaptivity NVNT b 2412MHz



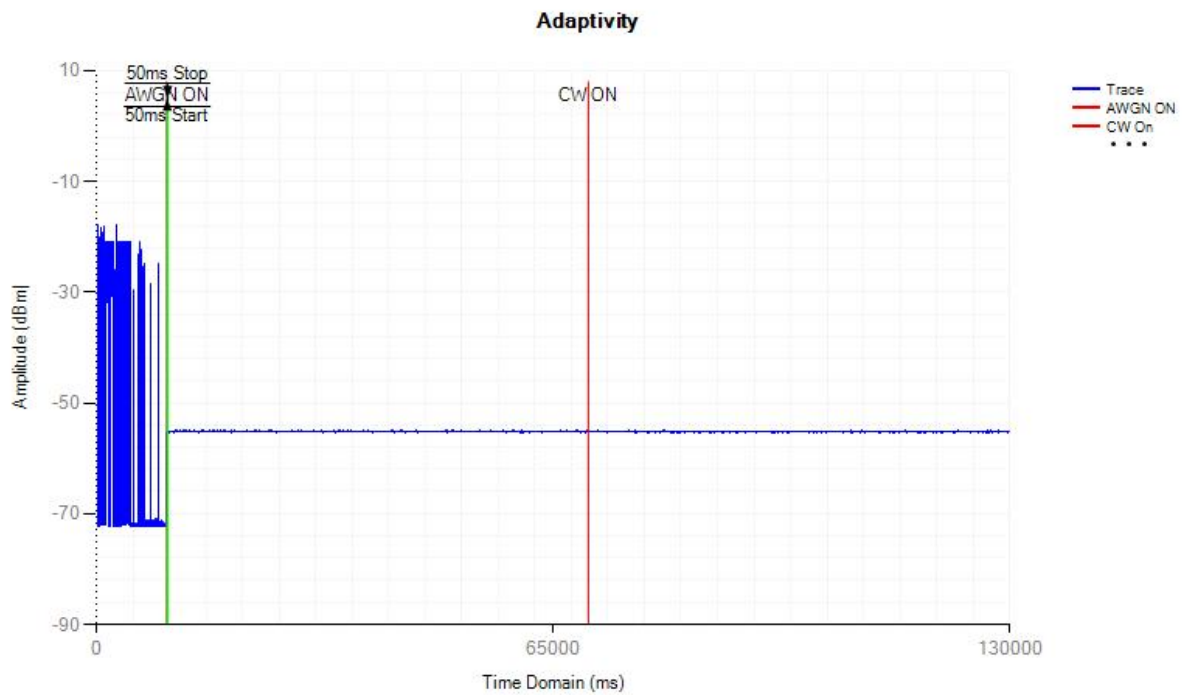
Control Signal NVNT b 2412MHz



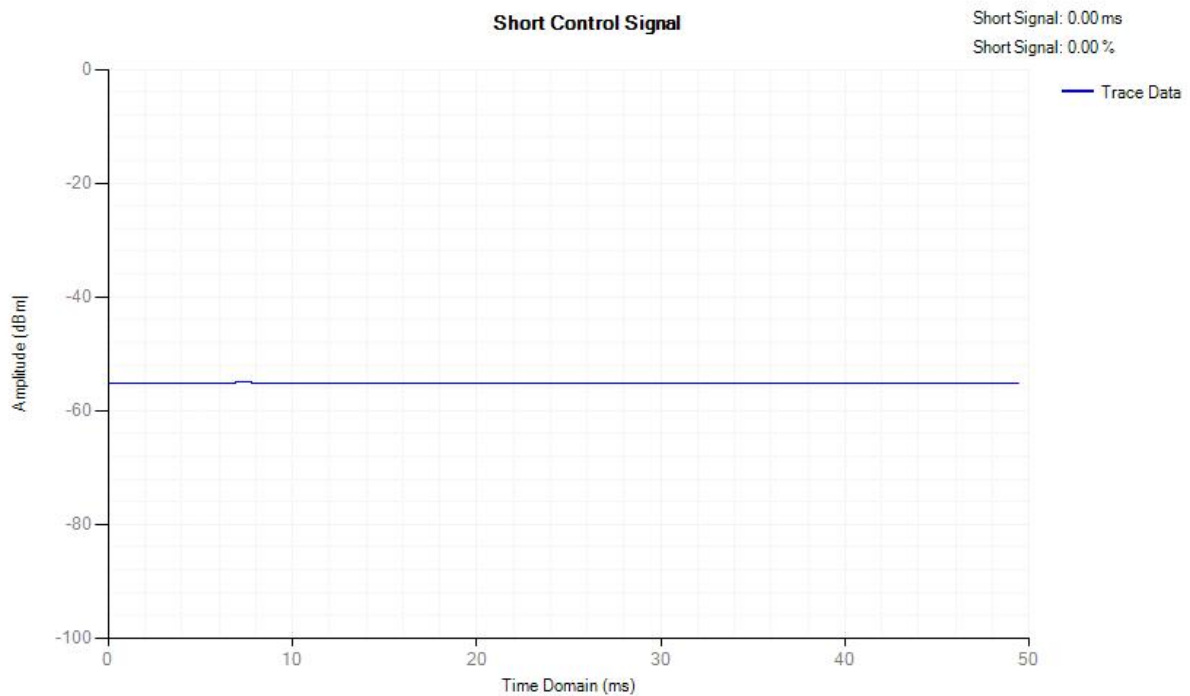


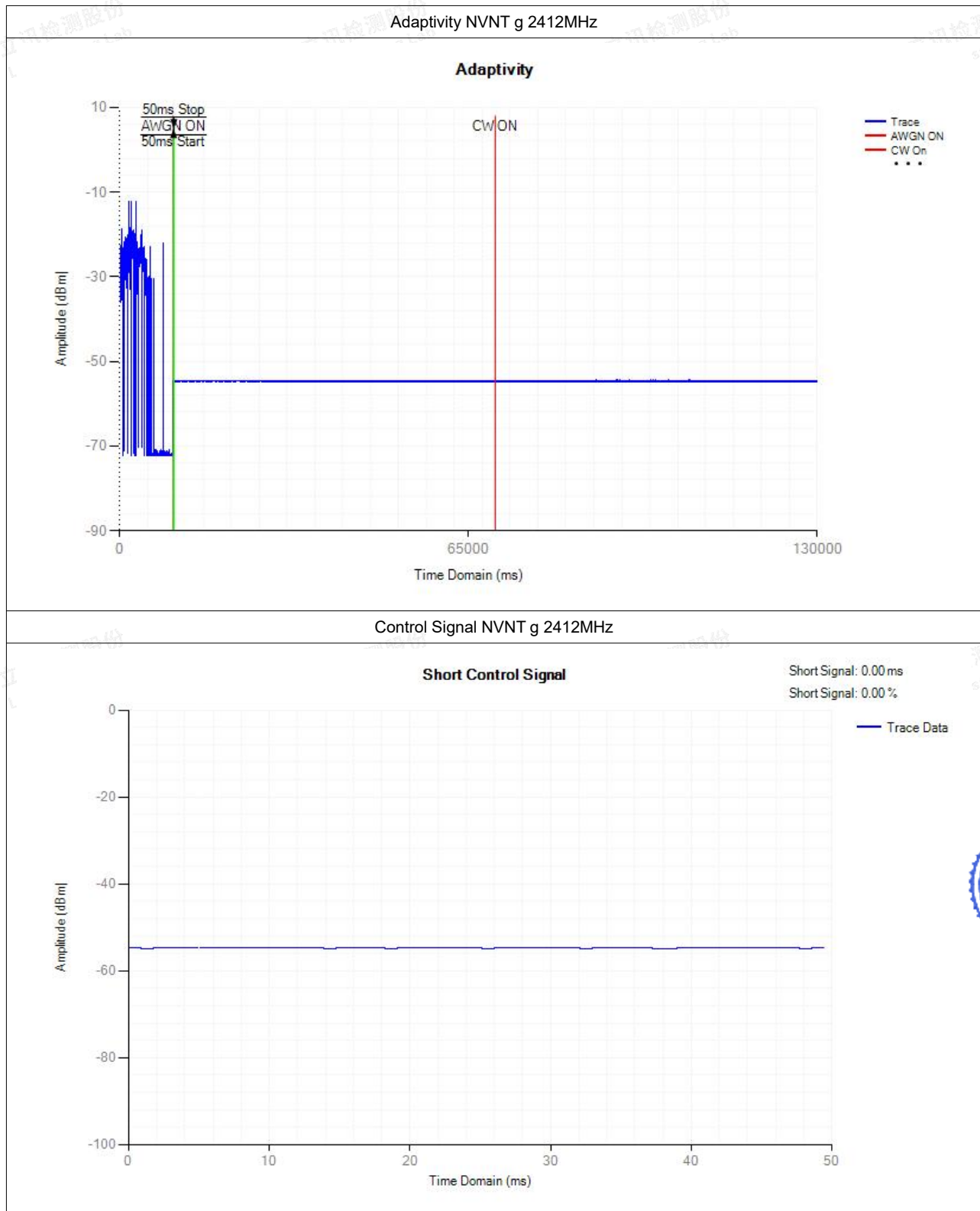


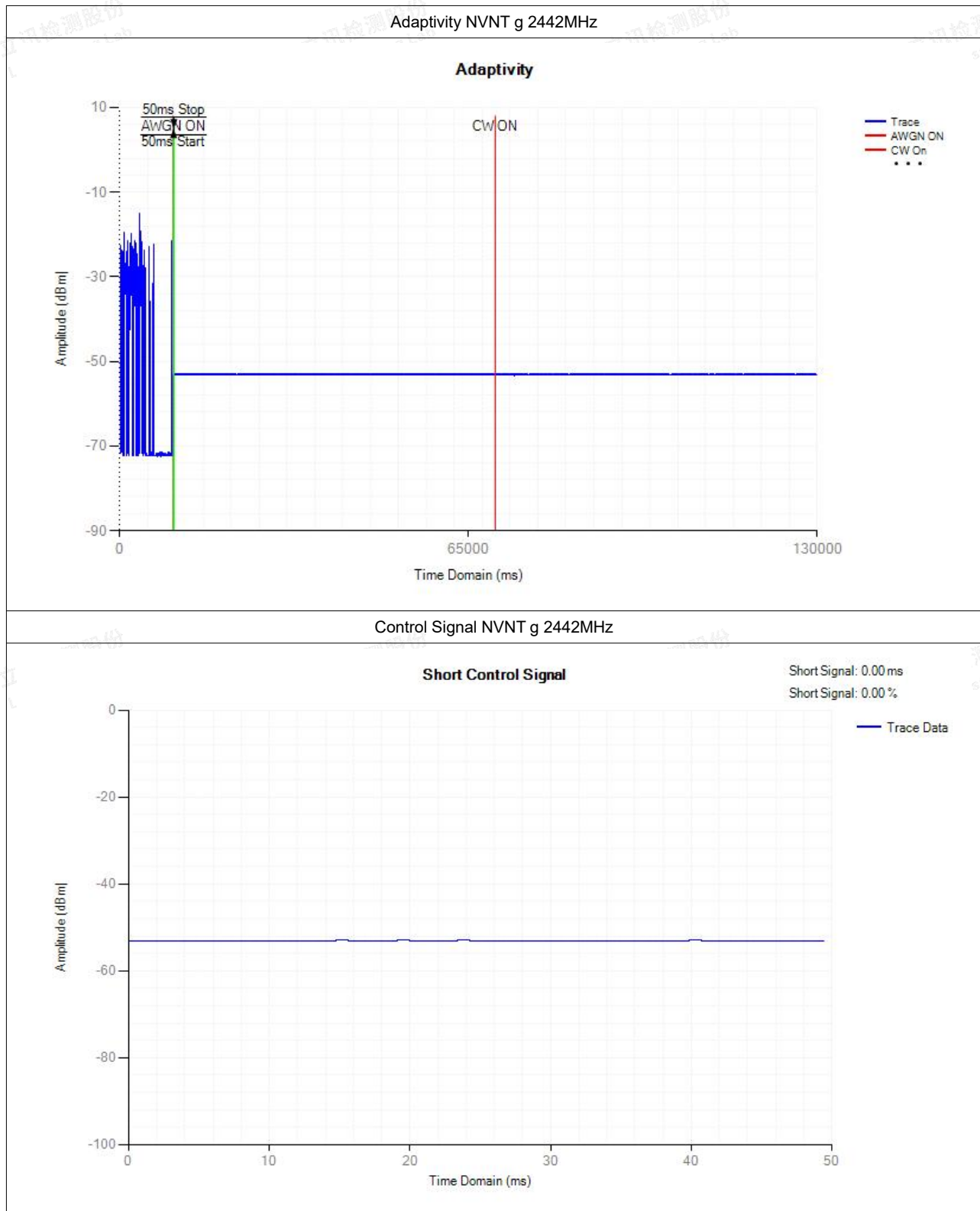
Adaptivity NVNT b 2472MHz

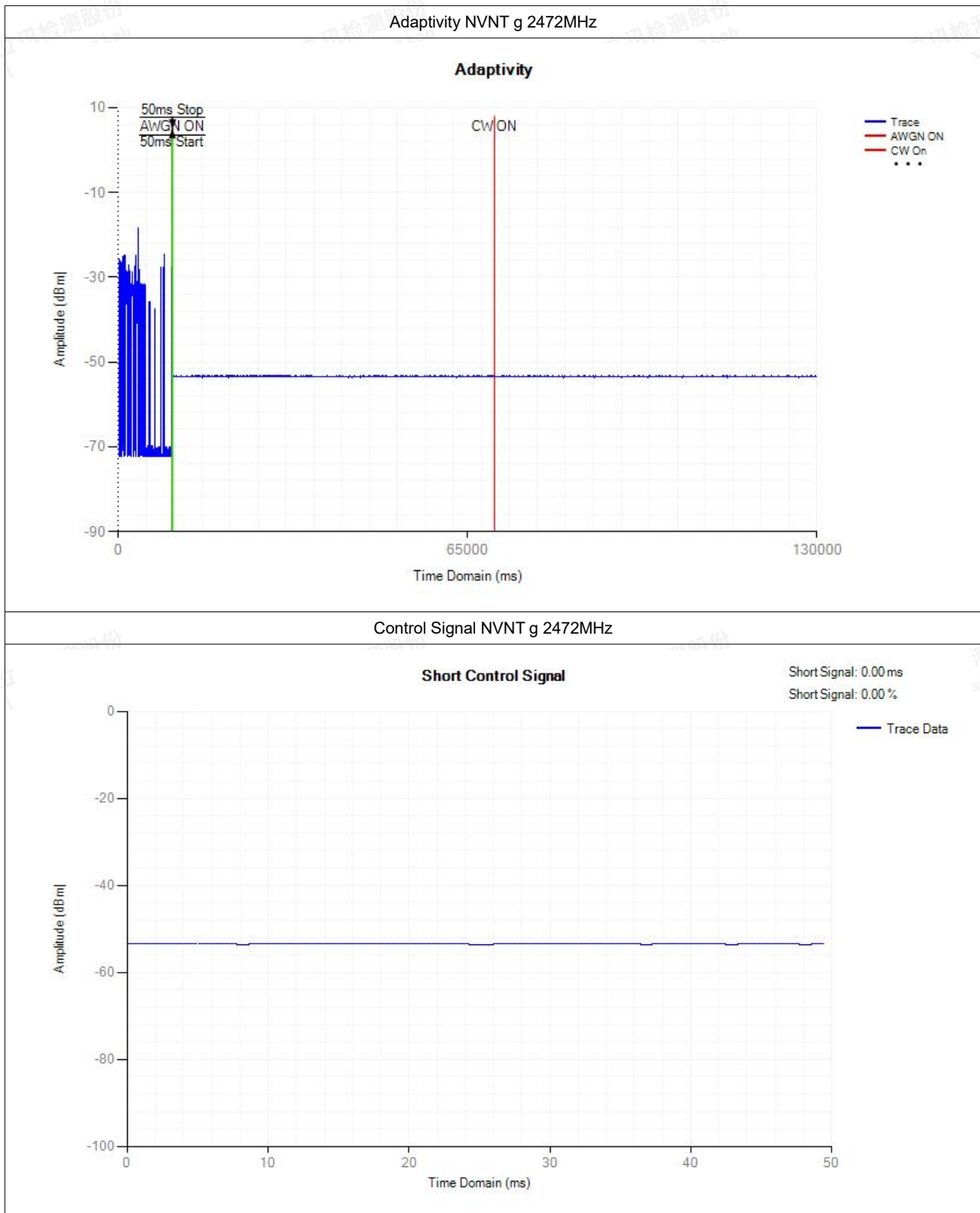


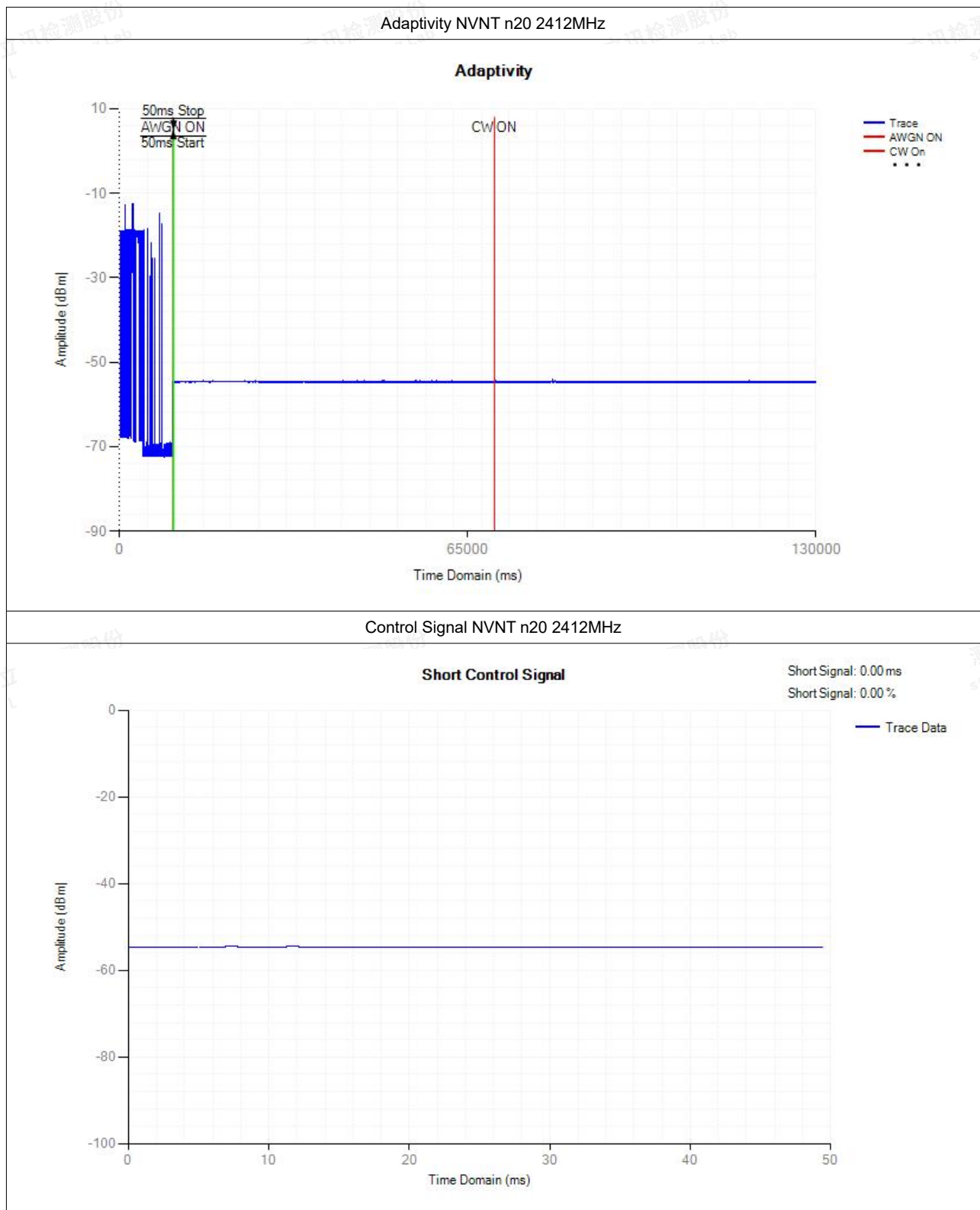
Control Signal NVNT b 2472MHz

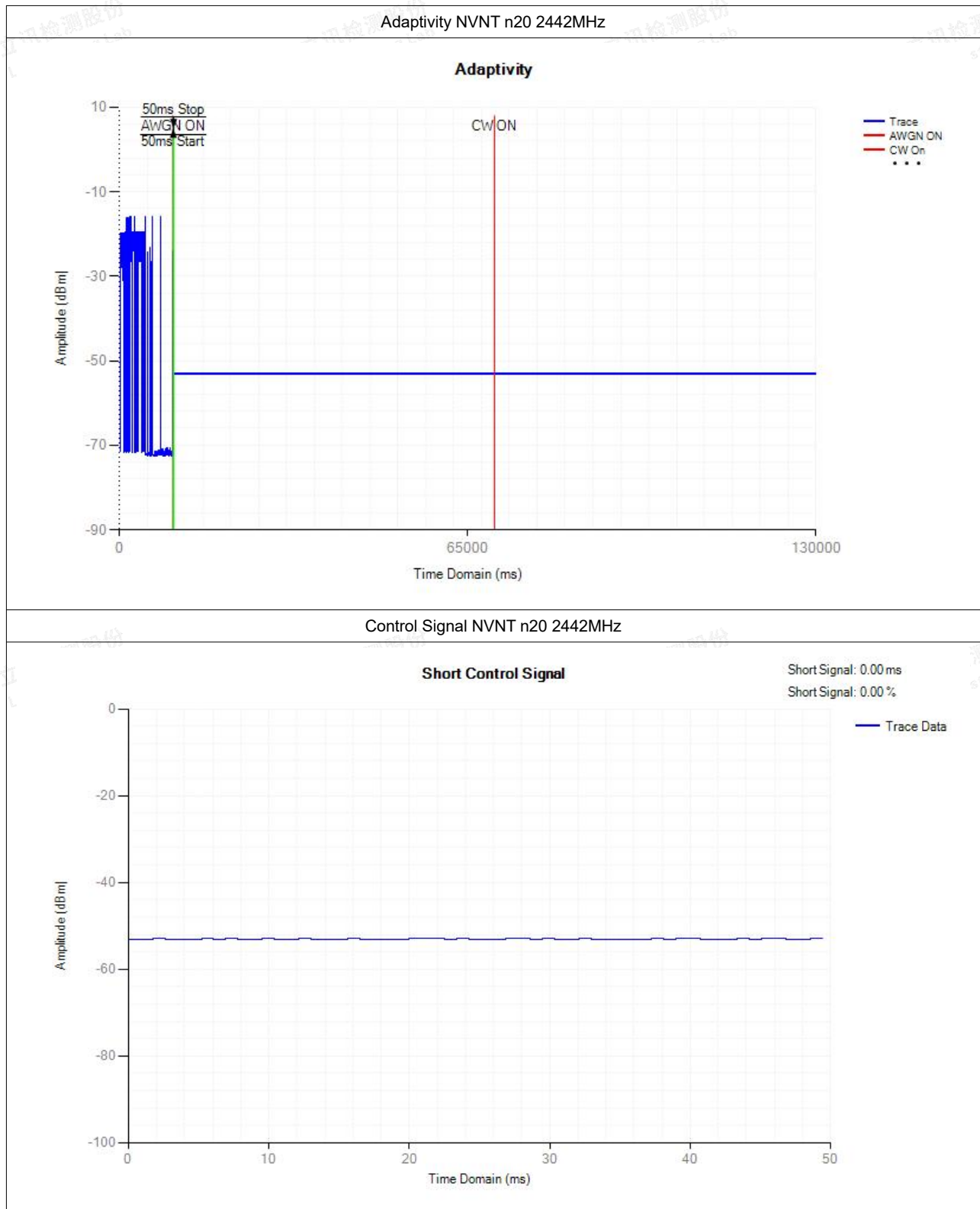


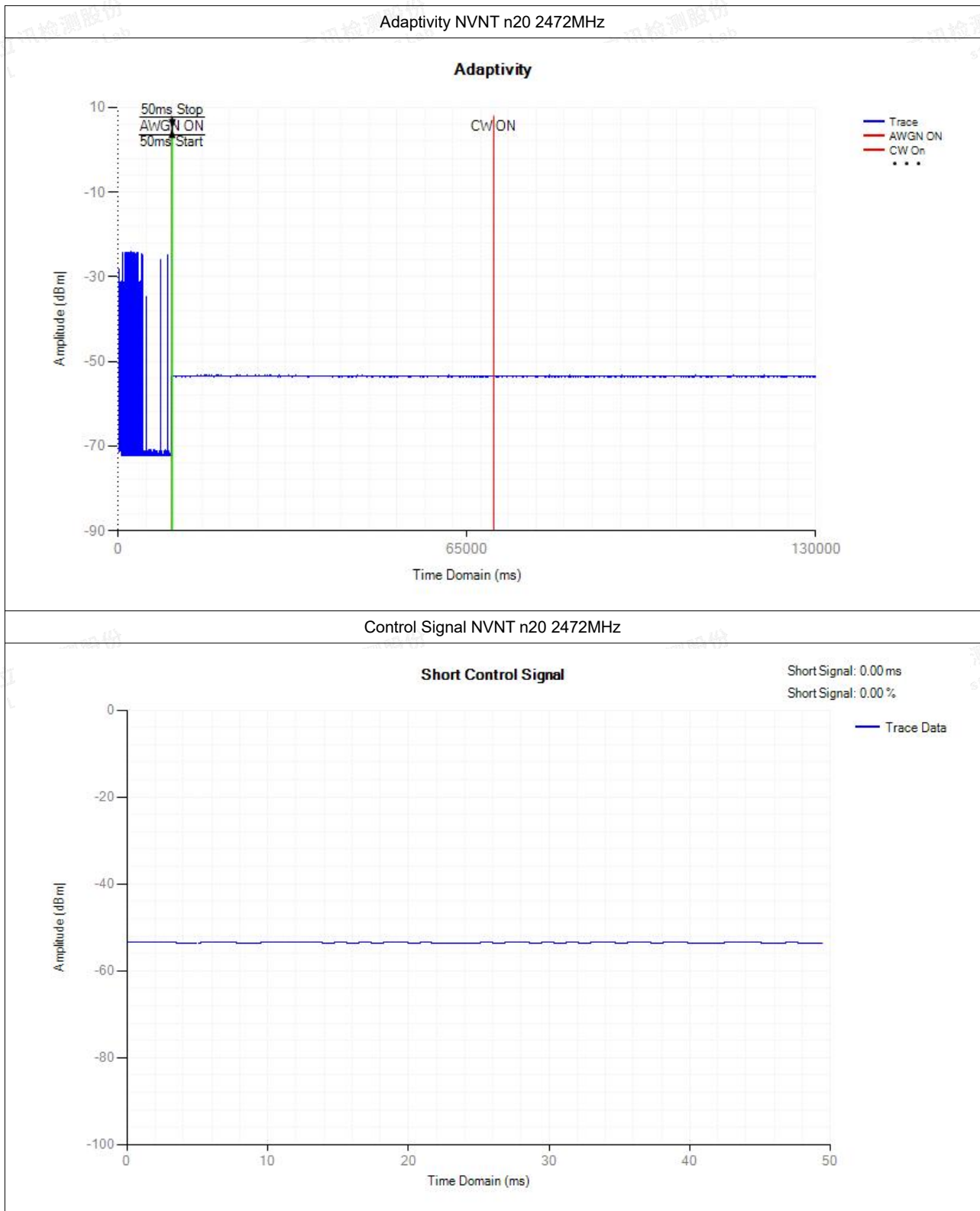














G.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	b	2412	Ant1	2411.979	12.056	2405.951	2418.007	2400 - 2483.5MHz	Pass
NVNT	b	2442	Ant1	2442.033	12.885	2435.59	2448.475	2400 - 2483.5MHz	Pass
NVNT	b	2472	Ant1	2471.953	11.933	2465.987	2477.919	2400 - 2483.5MHz	Pass
NVNT	g	2412	Ant1	2411.989	16.511	2403.733	2420.244	2400 - 2483.5MHz	Pass
NVNT	g	2442	Ant1	2442.009	16.478	2433.77	2450.248	2400 - 2483.5MHz	Pass
NVNT	g	2472	Ant1	2471.974	16.519	2463.714	2480.233	2400 - 2483.5MHz	Pass
NVNT	n20	2412	Ant1	2411.996	17.607	2403.192	2420.799	2400 - 2483.5MHz	Pass
NVNT	n20	2442	Ant1	2441.988	17.591	2433.193	2450.784	2400 - 2483.5MHz	Pass
NVNT	n20	2472	Ant1	2471.97	17.597	2463.171	2480.768	2400 - 2483.5MHz	Pass

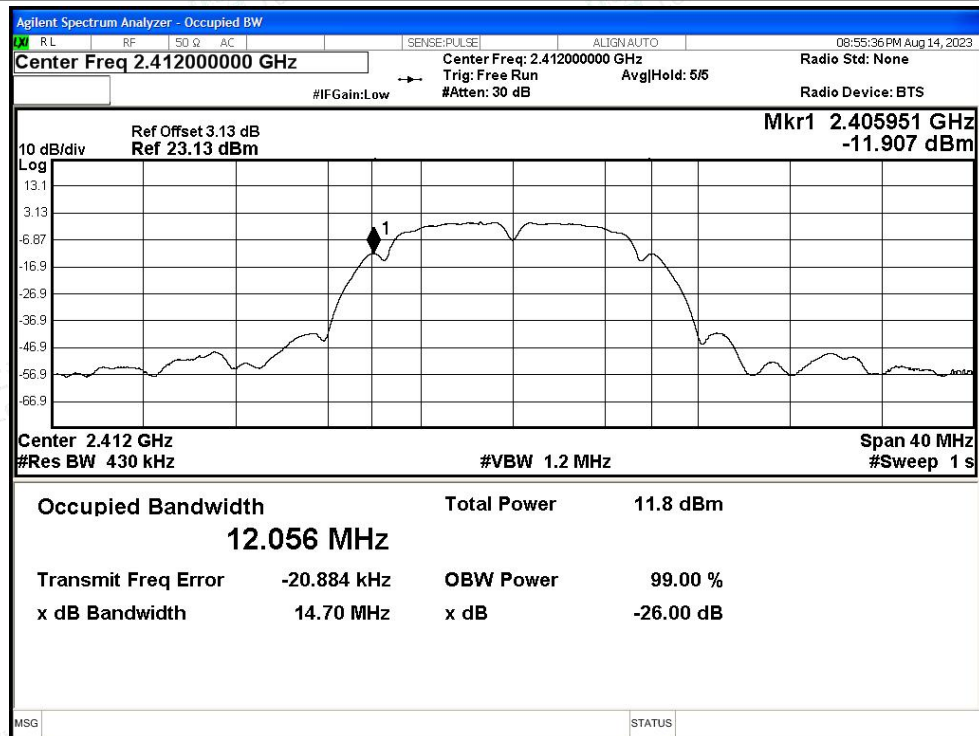


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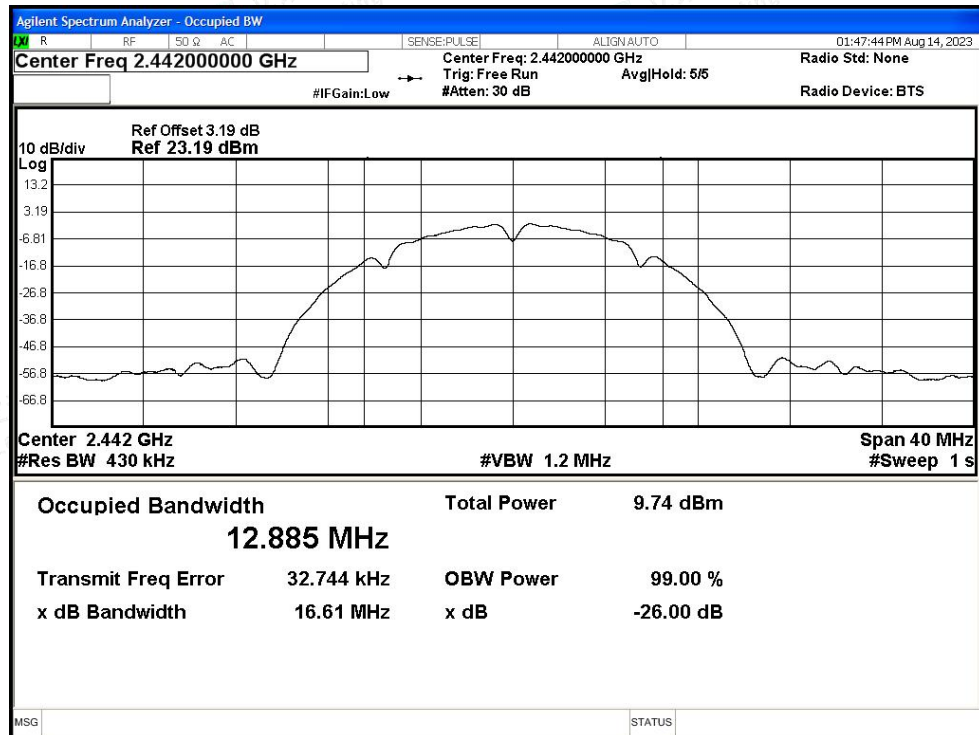


Test Graphs

OBW NVNT b 2412MHz Ant1

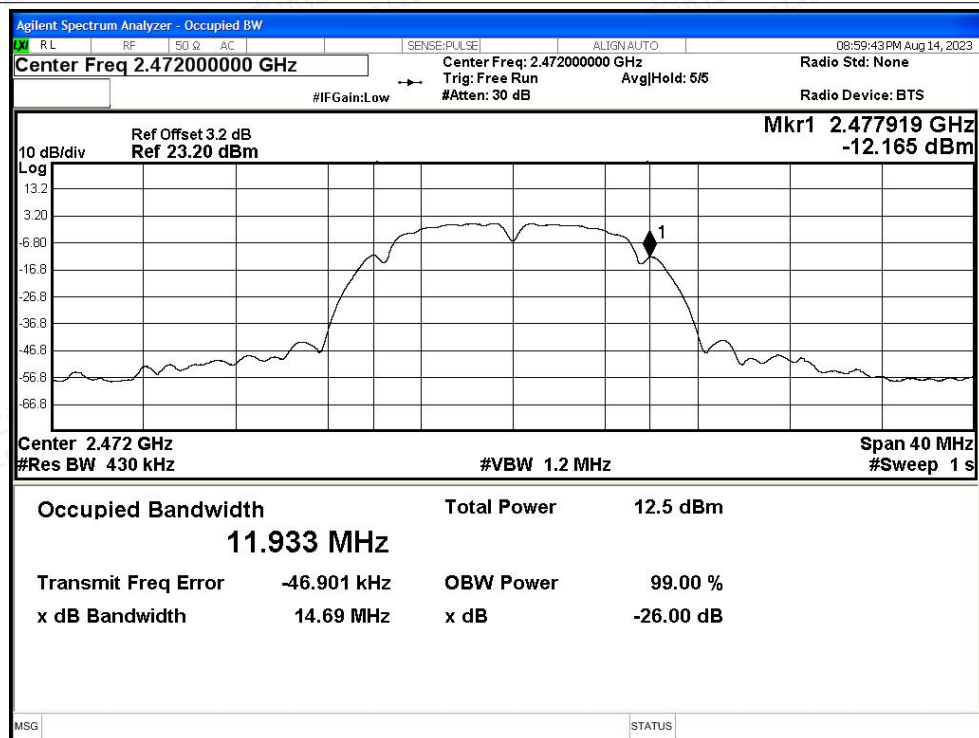


OBW NVNT b 2442MHz Ant1

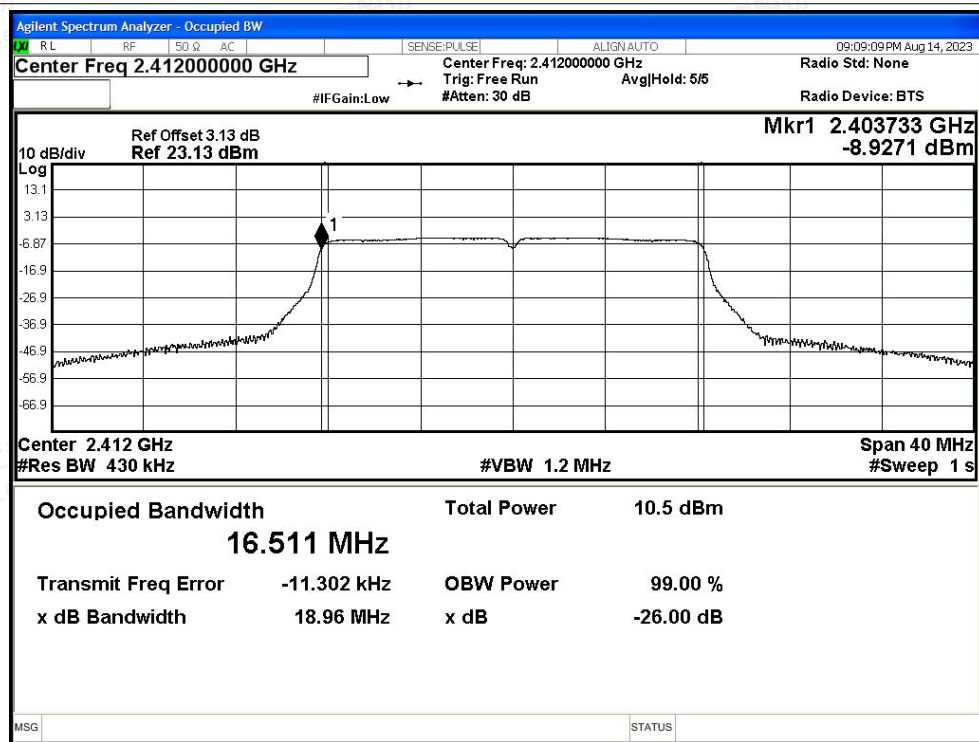




OBW NVNT b 2472MHz Ant1

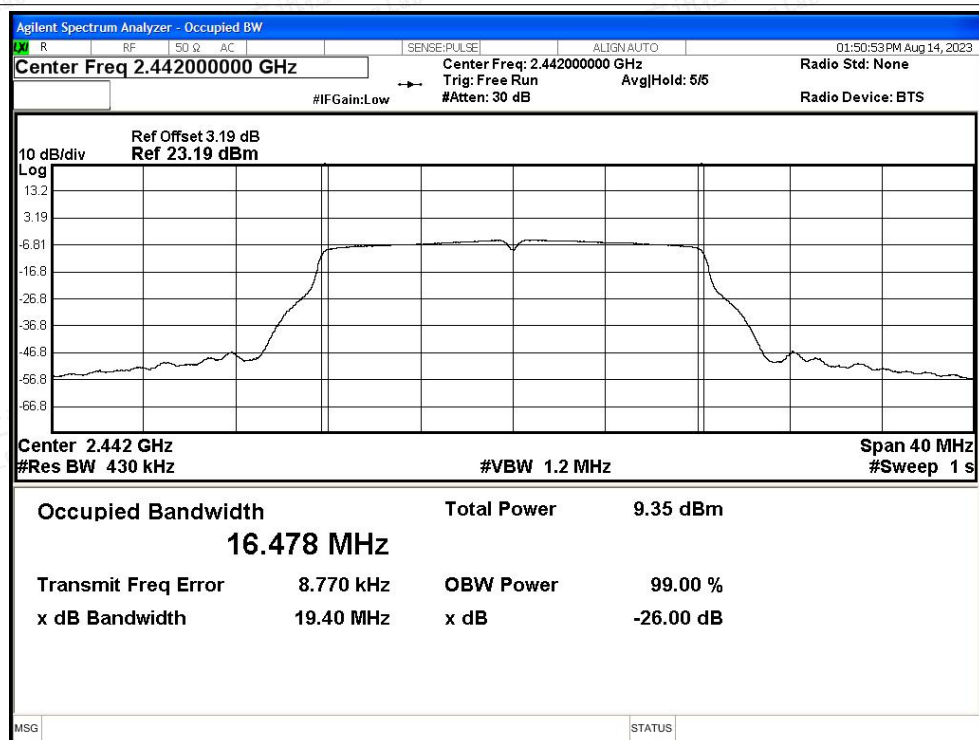


OBW NVNT g 2412MHz Ant1

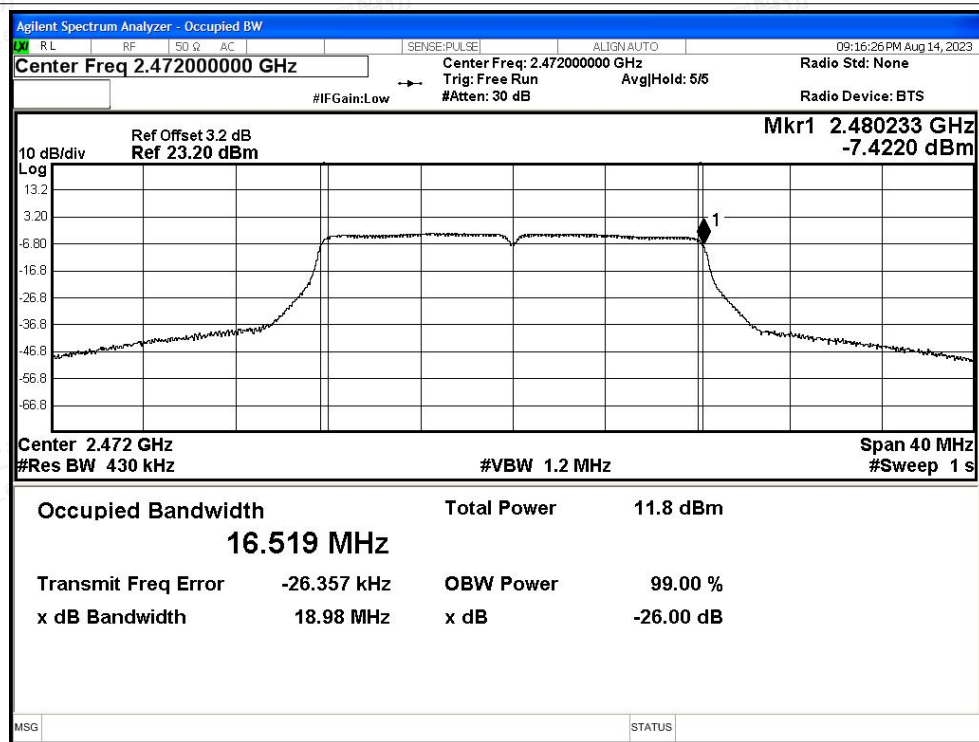


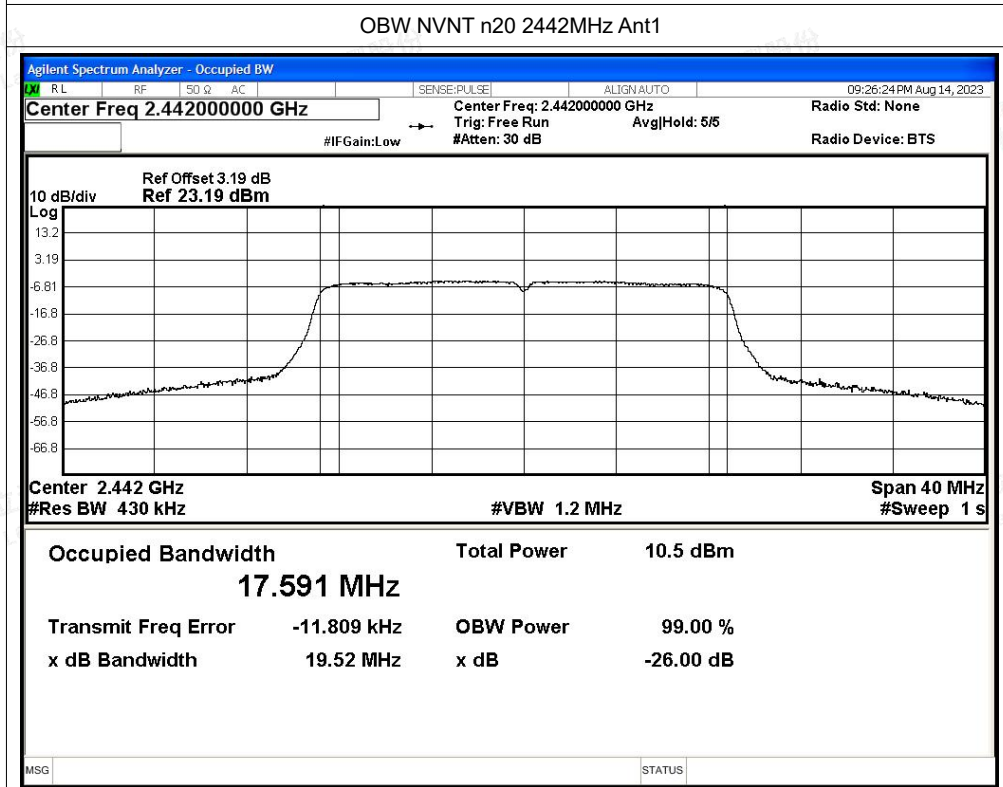
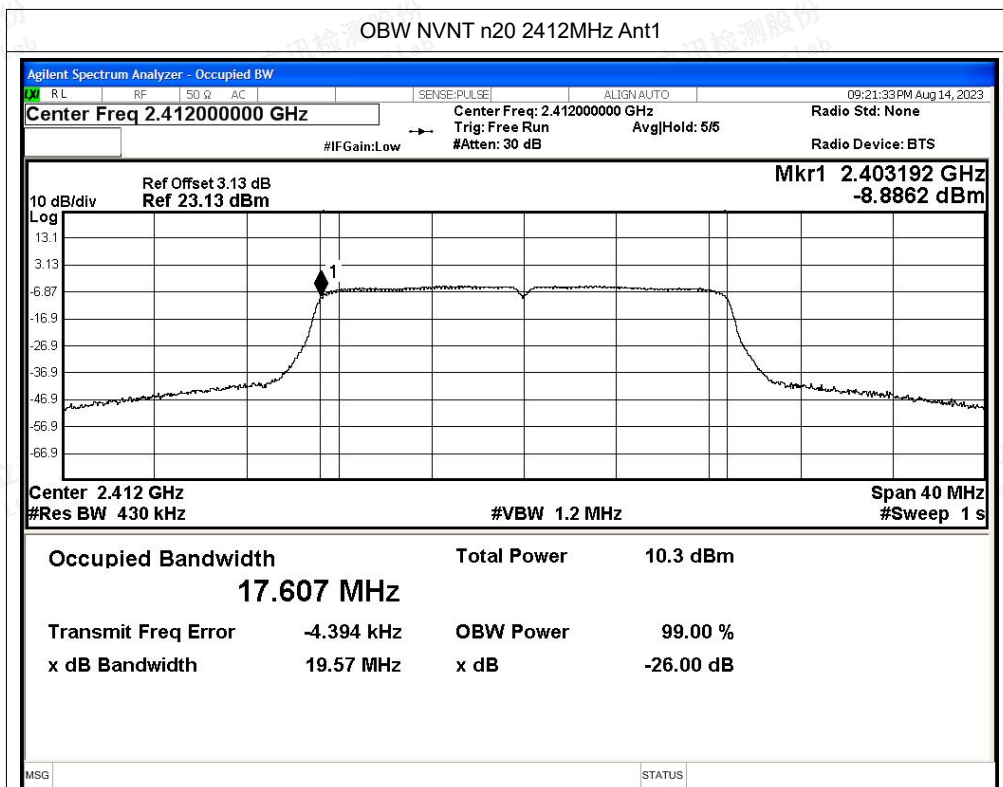


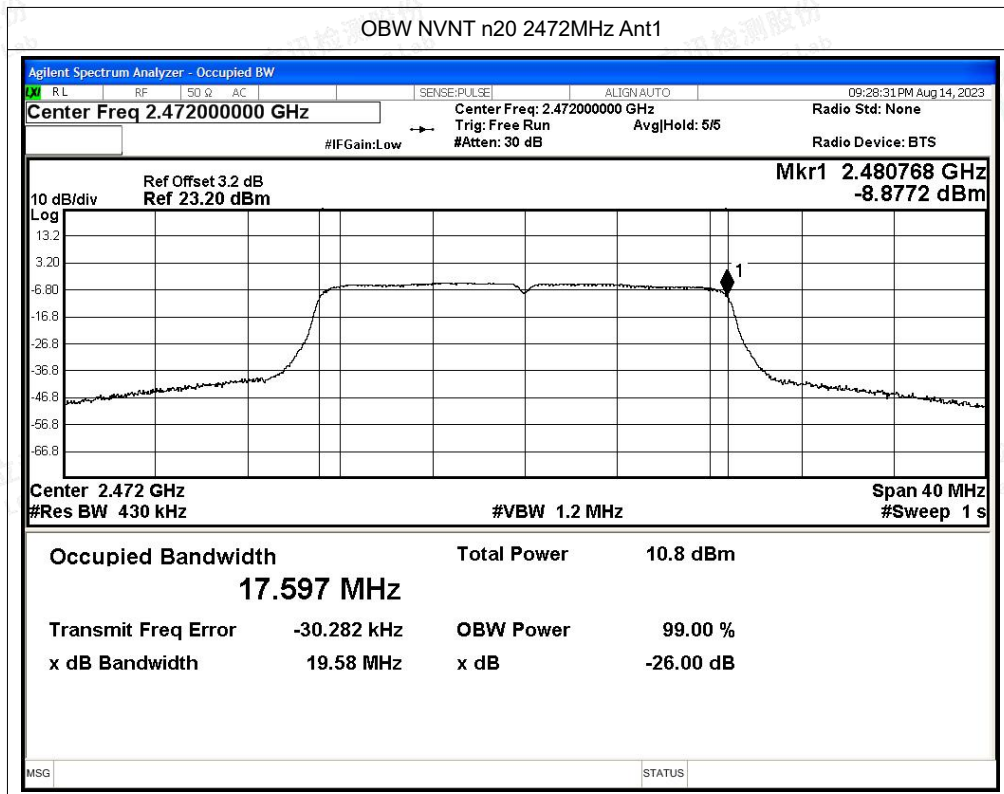
OBW NVNT g 2442MHz Ant1



OBW NVNT g 2472MHz Ant1

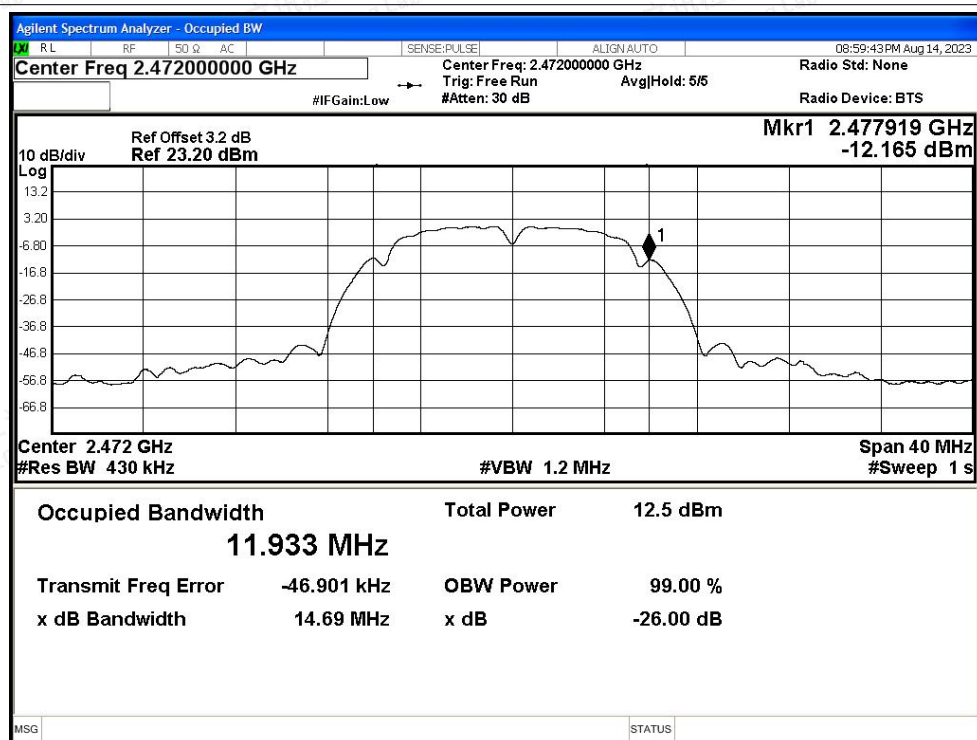




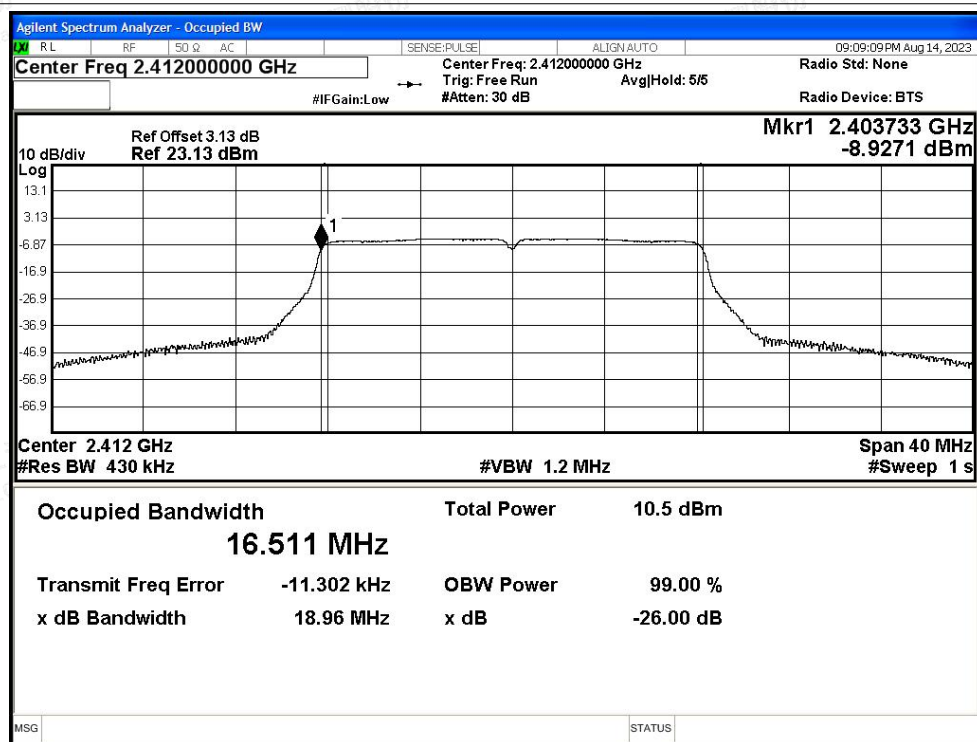




OBW NVNT b 2472MHz Ant1

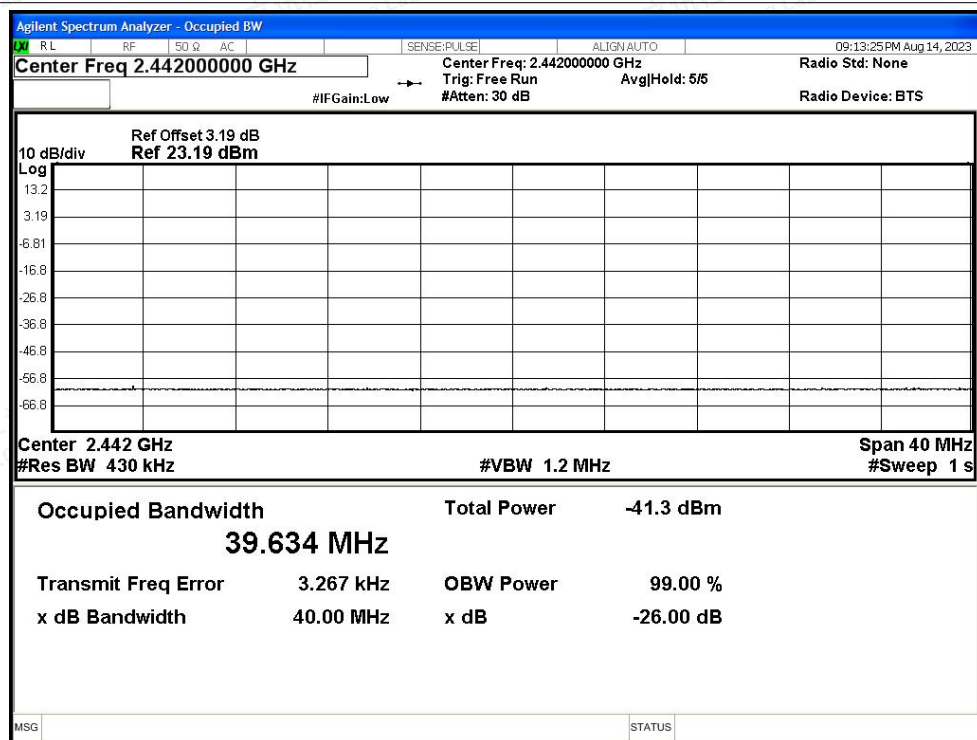


OBW NVNT g 2412MHz Ant1

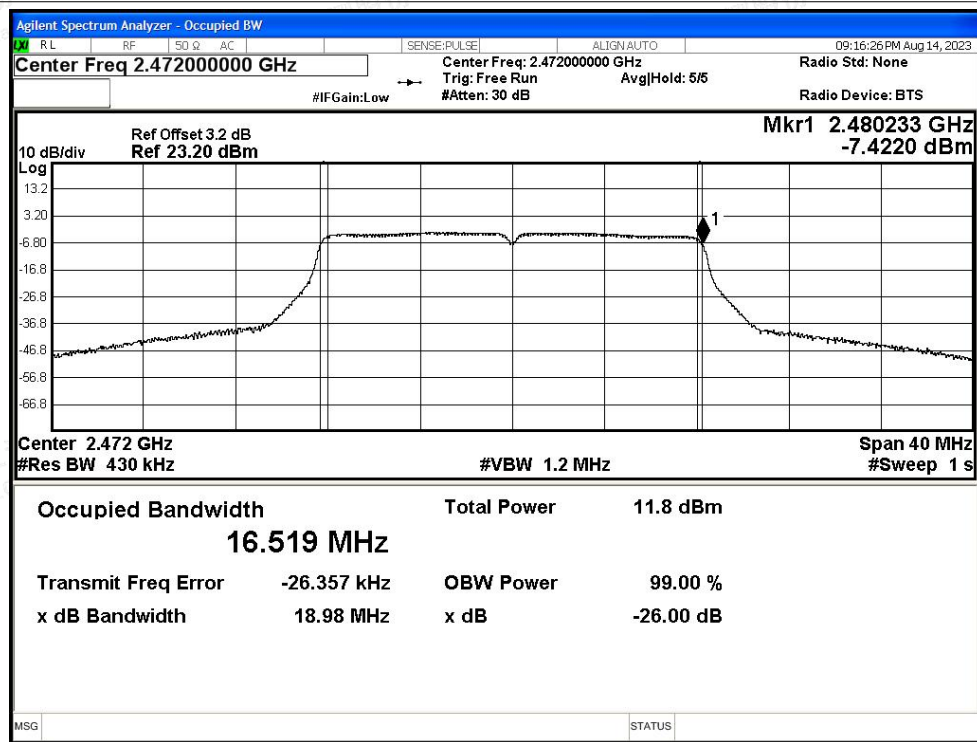


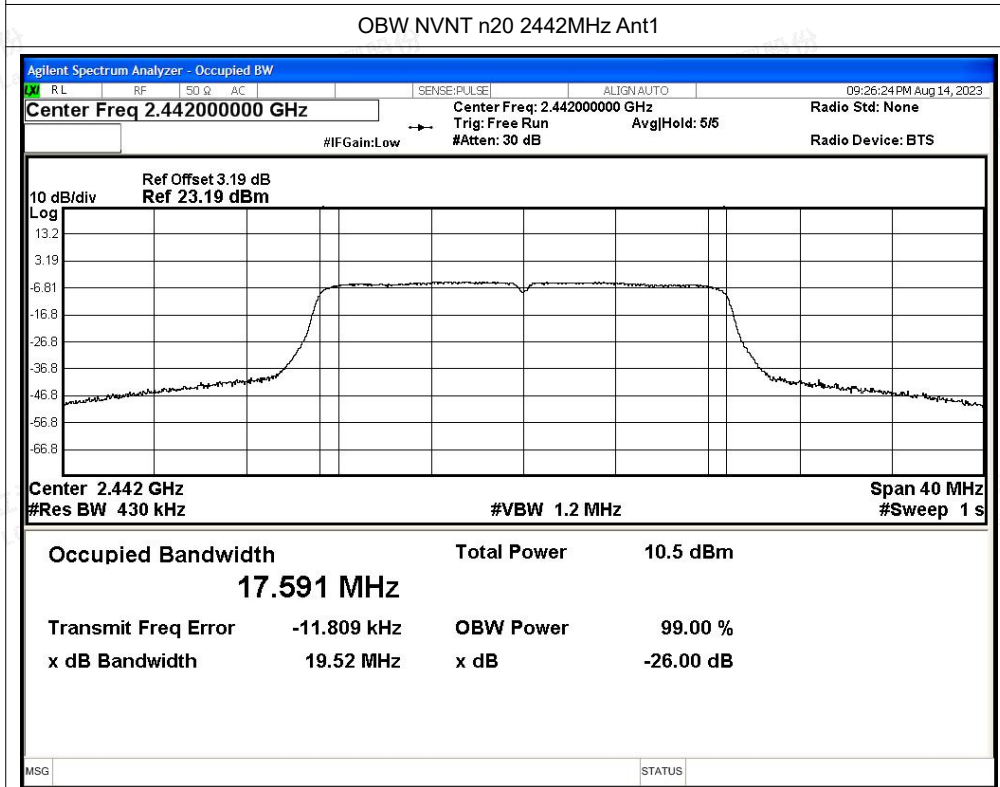
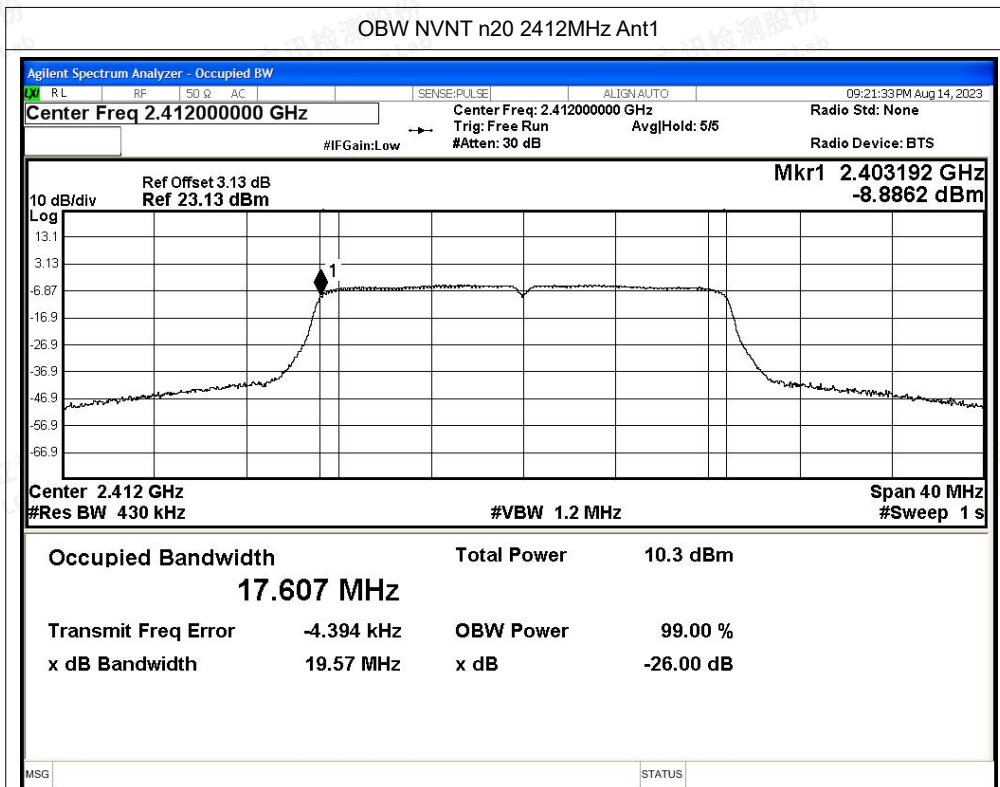


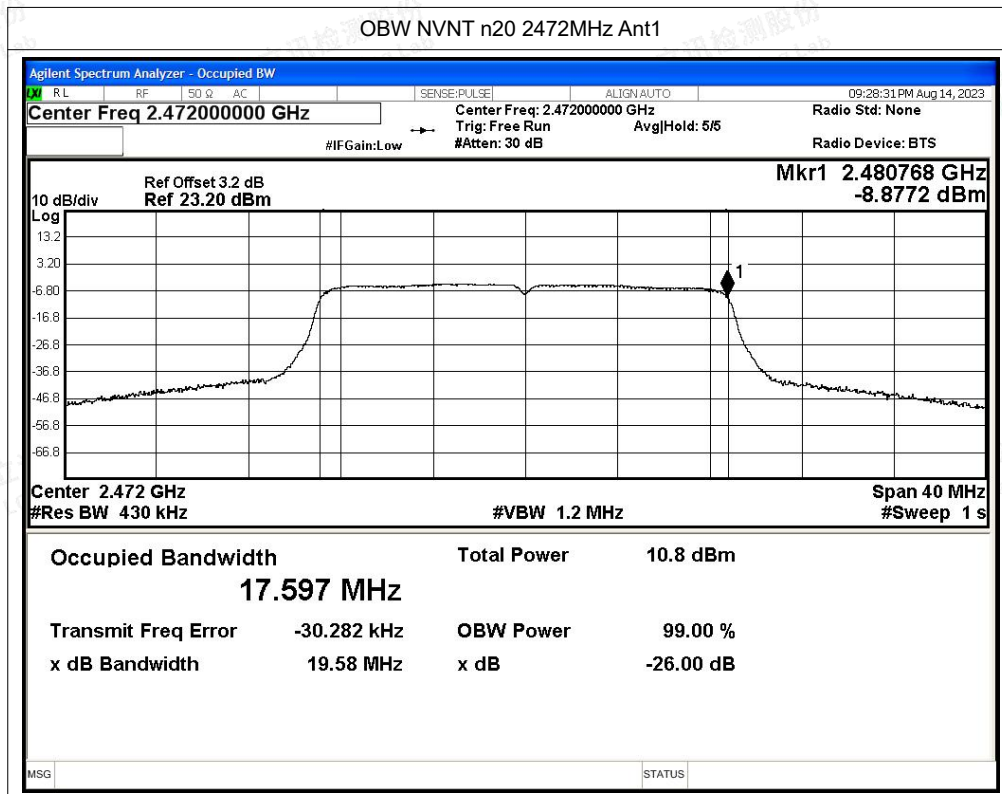
OBW NVNT g 2442MHz Ant1



OBW NVNT g 2472MHz Ant1









G.5 Transmitter unwanted emissions in the out-of-band domain

Condition	Mode	Frequency (MHz)	Antenna	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	2399.5	-45	-10	Pass
NVNT	b	2412	Ant1	2398.5	-44.64	-10	Pass
NVNT	b	2412	Ant1	2397.5	-46.35	-10	Pass
NVNT	b	2412	Ant1	2396.5	-51.03	-10	Pass
NVNT	b	2412	Ant1	2395.5	-49.56	-10	Pass
NVNT	b	2412	Ant1	2394.5	-49.18	-10	Pass
NVNT	b	2412	Ant1	2393.5	-51.77	-10	Pass
NVNT	b	2412	Ant1	2392.5	-52.73	-10	Pass
NVNT	b	2412	Ant1	2391.5	-52.05	-10	Pass
NVNT	b	2412	Ant1	2390.5	-53.62	-10	Pass
NVNT	b	2412	Ant1	2389.5	-55.71	-10	Pass
NVNT	b	2412	Ant1	2388.5	-52.88	-10	Pass
NVNT	b	2412	Ant1	2388.444	-53.54	-10	Pass
NVNT	b	2412	Ant1	2387.444	-52.23	-20	Pass
NVNT	b	2412	Ant1	2386.444	-52.41	-20	Pass
NVNT	b	2412	Ant1	2385.444	-54.01	-20	Pass
NVNT	b	2412	Ant1	2384.444	-54.85	-20	Pass
NVNT	b	2412	Ant1	2383.444	-52.08	-20	Pass
NVNT	b	2412	Ant1	2382.444	-50.36	-20	Pass
NVNT	b	2412	Ant1	2381.444	-53	-20	Pass
NVNT	b	2412	Ant1	2380.444	-52.71	-20	Pass
NVNT	b	2412	Ant1	2379.444	-52.96	-20	Pass
NVNT	b	2412	Ant1	2378.444	-56.93	-20	Pass
NVNT	b	2412	Ant1	2377.444	-57.07	-20	Pass
NVNT	b	2412	Ant1	2376.444	-57.77	-20	Pass
NVNT	b	2412	Ant1	2376.388	-57.89	-20	Pass
NVNT	b	2472	Ant1	2484	-44.22	-10	Pass
NVNT	b	2472	Ant1	2485	-46.77	-10	Pass
NVNT	b	2472	Ant1	2486	-49.63	-10	Pass
NVNT	b	2472	Ant1	2487	-50	-10	Pass
NVNT	b	2472	Ant1	2488	-52.99	-10	Pass
NVNT	b	2472	Ant1	2489	-54.12	-10	Pass
NVNT	b	2472	Ant1	2490	-54.01	-10	Pass
NVNT	b	2472	Ant1	2491	-53.89	-10	Pass
NVNT	b	2472	Ant1	2492	-53.88	-10	Pass
NVNT	b	2472	Ant1	2493	-55.39	-10	Pass
NVNT	b	2472	Ant1	2494	-54.95	-10	Pass
NVNT	b	2472	Ant1	2494.933	-55.31	-10	Pass





NVNT	b	2472	Ant1	2495.933	-51.8	-20	Pass
NVNT	b	2472	Ant1	2496.933	-52.17	-20	Pass
NVNT	b	2472	Ant1	2497.933	-54.67	-20	Pass
NVNT	b	2472	Ant1	2498.933	-55	-20	Pass
NVNT	b	2472	Ant1	2499.933	-56.96	-20	Pass
NVNT	b	2472	Ant1	2500.933	-55.86	-20	Pass
NVNT	b	2472	Ant1	2501.933	-54.99	-20	Pass
NVNT	b	2472	Ant1	2502.933	-56.99	-20	Pass
NVNT	b	2472	Ant1	2503.933	-53.89	-20	Pass
NVNT	b	2472	Ant1	2504.933	-55.84	-20	Pass
NVNT	b	2472	Ant1	2505.933	-58.07	-20	Pass
NVNT	b	2472	Ant1	2506.866	-58.21	-20	Pass
NVNT	g	2412	Ant1	2399.5	-35.31	-10	Pass
NVNT	g	2412	Ant1	2398.5	-32.72	-10	Pass
NVNT	g	2412	Ant1	2397.5	-35.91	-10	Pass
NVNT	g	2412	Ant1	2396.5	-30.92	-10	Pass
NVNT	g	2412	Ant1	2395.5	-38.08	-10	Pass
NVNT	g	2412	Ant1	2394.5	-39.18	-10	Pass
NVNT	g	2412	Ant1	2393.5	-41.07	-10	Pass
NVNT	g	2412	Ant1	2392.5	-42.51	-10	Pass
NVNT	g	2412	Ant1	2391.5	-43.44	-10	Pass
NVNT	g	2412	Ant1	2390.5	-47.04	-10	Pass
NVNT	g	2412	Ant1	2389.5	-49.03	-10	Pass
NVNT	g	2412	Ant1	2388.5	-50.3	-10	Pass
NVNT	g	2412	Ant1	2387.5	-51.9	-10	Pass
NVNT	g	2412	Ant1	2386.5	-53.02	-10	Pass
NVNT	g	2412	Ant1	2385.5	-53.77	-10	Pass
NVNT	g	2412	Ant1	2384.5	-54.33	-10	Pass
NVNT	g	2412	Ant1	2383.989	-54.66	-10	Pass
NVNT	g	2412	Ant1	2382.989	-55.68	-20	Pass
NVNT	g	2412	Ant1	2381.989	-56.74	-20	Pass
NVNT	g	2412	Ant1	2380.989	-56.84	-20	Pass
NVNT	g	2412	Ant1	2379.989	-57.62	-20	Pass
NVNT	g	2412	Ant1	2378.989	-58.09	-20	Pass
NVNT	g	2412	Ant1	2377.989	-59.51	-20	Pass
NVNT	g	2412	Ant1	2376.989	-59.09	-20	Pass
NVNT	g	2412	Ant1	2375.989	-59.59	-20	Pass
NVNT	g	2412	Ant1	2374.989	-59.84	-20	Pass
NVNT	g	2412	Ant1	2373.989	-60.22	-20	Pass
NVNT	g	2412	Ant1	2372.989	-60.32	-20	Pass
NVNT	g	2412	Ant1	2371.989	-60.56	-20	Pass





NVNT	g	2412	Ant1	2370.989	-62.37	-20	Pass
NVNT	g	2412	Ant1	2369.989	-64.63	-20	Pass
NVNT	g	2412	Ant1	2368.989	-64.75	-20	Pass
NVNT	g	2412	Ant1	2367.989	-64.7	-20	Pass
NVNT	g	2412	Ant1	2367.478	-64.76	-20	Pass
NVNT	g	2472	Ant1	2484	-31.41	-10	Pass
NVNT	g	2472	Ant1	2485	-34.47	-10	Pass
NVNT	g	2472	Ant1	2486	-34.13	-10	Pass
NVNT	g	2472	Ant1	2487	-37.17	-10	Pass
NVNT	g	2472	Ant1	2488	-37.75	-10	Pass
NVNT	g	2472	Ant1	2489	-38.61	-10	Pass
NVNT	g	2472	Ant1	2490	-39.42	-10	Pass
NVNT	g	2472	Ant1	2491	-42.64	-10	Pass
NVNT	g	2472	Ant1	2492	-42.26	-10	Pass
NVNT	g	2472	Ant1	2493	-45.83	-10	Pass
NVNT	g	2472	Ant1	2494	-46.86	-10	Pass
NVNT	g	2472	Ant1	2495	-49.01	-10	Pass
NVNT	g	2472	Ant1	2496	-50.51	-10	Pass
NVNT	g	2472	Ant1	2497	-52.73	-10	Pass
NVNT	g	2472	Ant1	2498	-53.31	-10	Pass
NVNT	g	2472	Ant1	2499	-54.42	-10	Pass
NVNT	g	2472	Ant1	2499.519	-54.99	-10	Pass
NVNT	g	2472	Ant1	2500.519	-55.8	-20	Pass
NVNT	g	2472	Ant1	2501.519	-55.86	-20	Pass
NVNT	g	2472	Ant1	2502.519	-56.71	-20	Pass
NVNT	g	2472	Ant1	2503.519	-57.11	-20	Pass
NVNT	g	2472	Ant1	2504.519	-57.05	-20	Pass
NVNT	g	2472	Ant1	2505.519	-57.6	-20	Pass
NVNT	g	2472	Ant1	2506.519	-57.89	-20	Pass
NVNT	g	2472	Ant1	2507.519	-58.26	-20	Pass
NVNT	g	2472	Ant1	2508.519	-58.56	-20	Pass
NVNT	g	2472	Ant1	2509.519	-58.56	-20	Pass
NVNT	g	2472	Ant1	2510.519	-58.94	-20	Pass
NVNT	g	2472	Ant1	2511.519	-59.35	-20	Pass
NVNT	g	2472	Ant1	2512.519	-59.57	-20	Pass
NVNT	g	2472	Ant1	2513.519	-59.87	-20	Pass
NVNT	g	2472	Ant1	2514.519	-60.05	-20	Pass
NVNT	g	2472	Ant1	2515.519	-59.93	-20	Pass
NVNT	g	2472	Ant1	2516.038	-59.91	-20	Pass
NVNT	n20	2412	Ant1	2399.5	-26.01	-10	Pass
NVNT	n20	2412	Ant1	2398.5	-28.87	-10	Pass





NVNT	n20	2412	Ant1	2397.5	-29.69	-10	Pass
NVNT	n20	2412	Ant1	2396.5	-29.59	-10	Pass
NVNT	n20	2412	Ant1	2395.5	-32.82	-10	Pass
NVNT	n20	2412	Ant1	2394.5	-35.9	-10	Pass
NVNT	n20	2412	Ant1	2393.5	-38.4	-10	Pass
NVNT	n20	2412	Ant1	2392.5	-41.41	-10	Pass
NVNT	n20	2412	Ant1	2391.5	-42.11	-10	Pass
NVNT	n20	2412	Ant1	2390.5	-46.53	-10	Pass
NVNT	n20	2412	Ant1	2389.5	-45.61	-10	Pass
NVNT	n20	2412	Ant1	2388.5	-48.35	-10	Pass
NVNT	n20	2412	Ant1	2387.5	-51.32	-10	Pass
NVNT	n20	2412	Ant1	2386.5	-50.42	-10	Pass
NVNT	n20	2412	Ant1	2385.5	-52.89	-10	Pass
NVNT	n20	2412	Ant1	2384.5	-54.03	-10	Pass
NVNT	n20	2412	Ant1	2383.5	-55.24	-10	Pass
NVNT	n20	2412	Ant1	2382.893	-55.4	-10	Pass
NVNT	n20	2412	Ant1	2381.893	-56.05	-20	Pass
NVNT	n20	2412	Ant1	2380.893	-56.5	-20	Pass
NVNT	n20	2412	Ant1	2379.893	-57.03	-20	Pass
NVNT	n20	2412	Ant1	2378.893	-57.69	-20	Pass
NVNT	n20	2412	Ant1	2377.893	-58.99	-20	Pass
NVNT	n20	2412	Ant1	2376.893	-59.1	-20	Pass
NVNT	n20	2412	Ant1	2375.893	-59.84	-20	Pass
NVNT	n20	2412	Ant1	2374.893	-59.85	-20	Pass
NVNT	n20	2412	Ant1	2373.893	-60.16	-20	Pass
NVNT	n20	2412	Ant1	2372.893	-60.34	-20	Pass
NVNT	n20	2412	Ant1	2371.893	-60.77	-20	Pass
NVNT	n20	2412	Ant1	2370.893	-60.84	-20	Pass
NVNT	n20	2412	Ant1	2369.893	-60.81	-20	Pass
NVNT	n20	2412	Ant1	2368.893	-59.89	-20	Pass
NVNT	n20	2412	Ant1	2367.893	-55.91	-20	Pass
NVNT	n20	2412	Ant1	2366.893	-60.5	-20	Pass
NVNT	n20	2412	Ant1	2365.893	-60.35	-20	Pass
NVNT	n20	2412	Ant1	2365.286	-61.17	-20	Pass
NVNT	n20	2472	Ant1	2484	-29.74	-10	Pass
NVNT	n20	2472	Ant1	2485	-29.51	-10	Pass
NVNT	n20	2472	Ant1	2486	-32.98	-10	Pass
NVNT	n20	2472	Ant1	2487	-35.53	-10	Pass
NVNT	n20	2472	Ant1	2488	-36.93	-10	Pass
NVNT	n20	2472	Ant1	2489	-38.2	-10	Pass
NVNT	n20	2472	Ant1	2490	-40.34	-10	Pass





NVNT	n20	2472	Ant1	2491	-43.1	-10	Pass
NVNT	n20	2472	Ant1	2492	-42.12	-10	Pass
NVNT	n20	2472	Ant1	2493	-44.48	-10	Pass
NVNT	n20	2472	Ant1	2494	-45.06	-10	Pass
NVNT	n20	2472	Ant1	2495	-48.99	-10	Pass
NVNT	n20	2472	Ant1	2496	-49.04	-10	Pass
NVNT	n20	2472	Ant1	2497	-52.08	-10	Pass
NVNT	n20	2472	Ant1	2498	-53.74	-10	Pass
NVNT	n20	2472	Ant1	2499	-54.02	-10	Pass
NVNT	n20	2472	Ant1	2500	-55.2	-10	Pass
NVNT	n20	2472	Ant1	2500.597	-55.24	-10	Pass
NVNT	n20	2472	Ant1	2501.597	-56.18	-20	Pass
NVNT	n20	2472	Ant1	2502.597	-56.95	-20	Pass
NVNT	n20	2472	Ant1	2503.597	-57.38	-20	Pass
NVNT	n20	2472	Ant1	2504.597	-58.09	-20	Pass
NVNT	n20	2472	Ant1	2505.597	-58.29	-20	Pass
NVNT	n20	2472	Ant1	2506.597	-58.84	-20	Pass
NVNT	n20	2472	Ant1	2507.597	-59.03	-20	Pass
NVNT	n20	2472	Ant1	2508.597	-59.32	-20	Pass
NVNT	n20	2472	Ant1	2509.597	-59.74	-20	Pass
NVNT	n20	2472	Ant1	2510.597	-60.18	-20	Pass
NVNT	n20	2472	Ant1	2511.597	-60.2	-20	Pass
NVNT	n20	2472	Ant1	2512.597	-60.43	-20	Pass
NVNT	n20	2472	Ant1	2513.597	-60.71	-20	Pass
NVNT	n20	2472	Ant1	2514.597	-60.74	-20	Pass
NVNT	n20	2472	Ant1	2515.597	-60.61	-20	Pass
NVNT	n20	2472	Ant1	2516.597	-60.55	-20	Pass
NVNT	n20	2472	Ant1	2517.597	-60.95	-20	Pass
NVNT	n20	2472	Ant1	2518.194	-60.9	-20	Pass

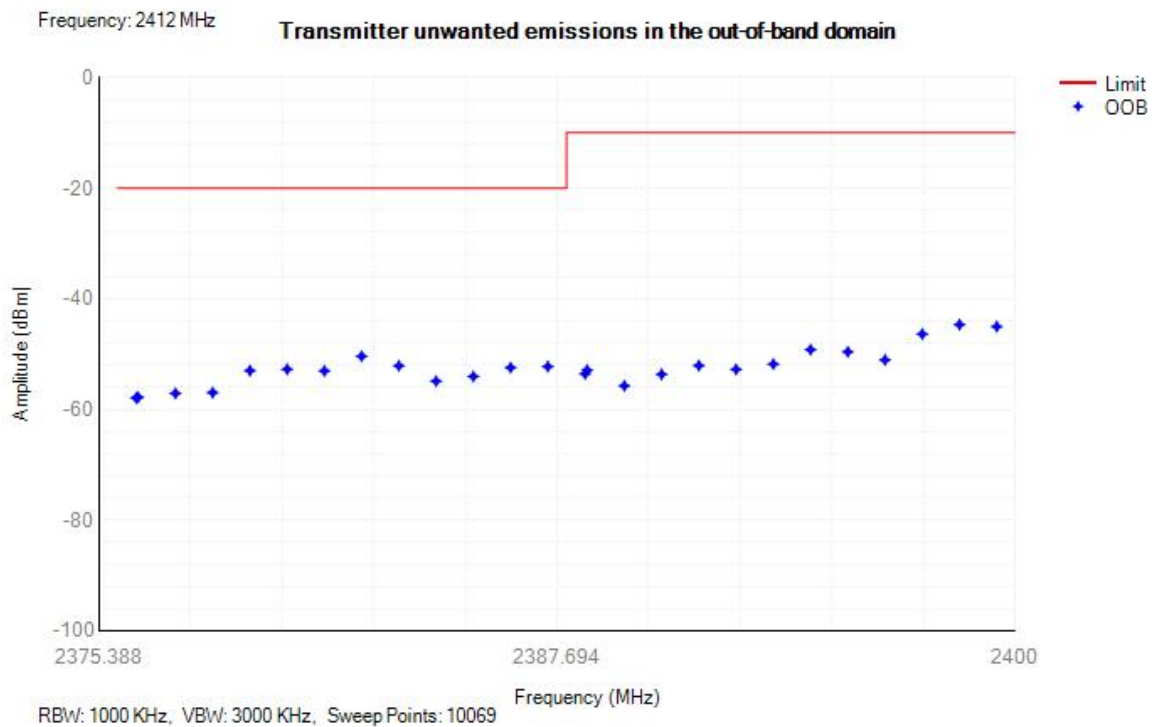


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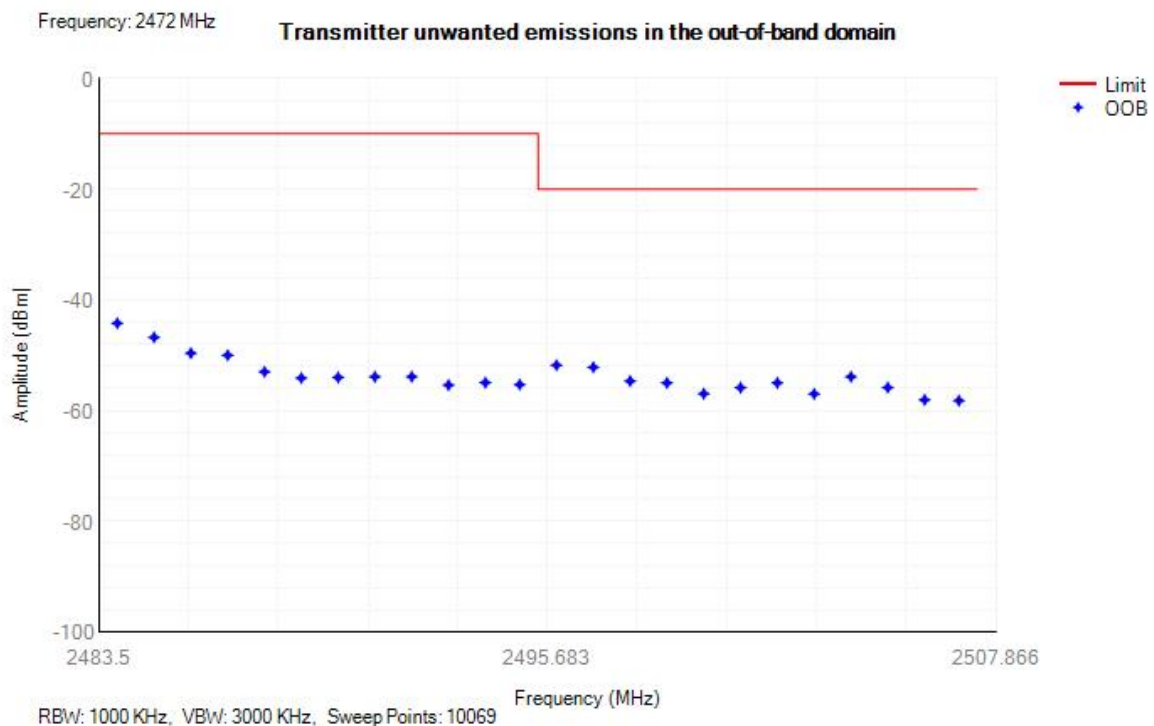


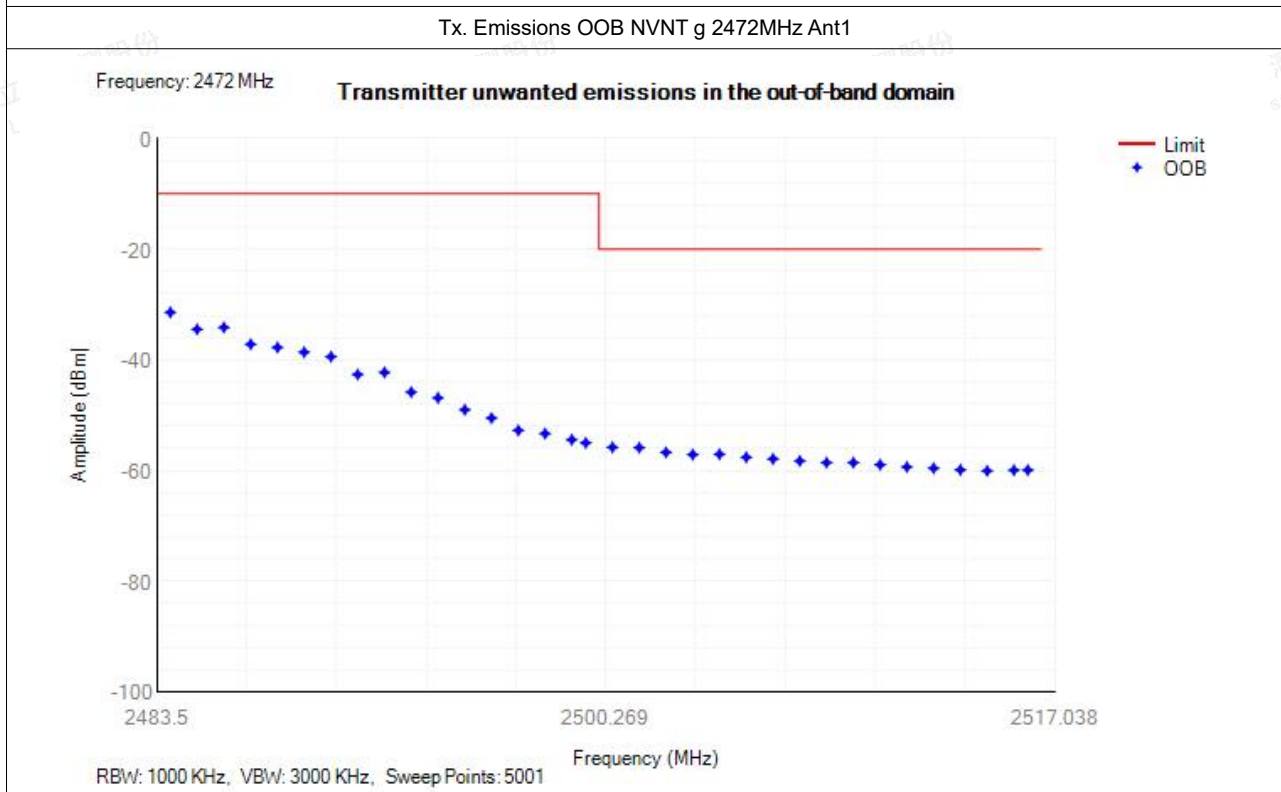
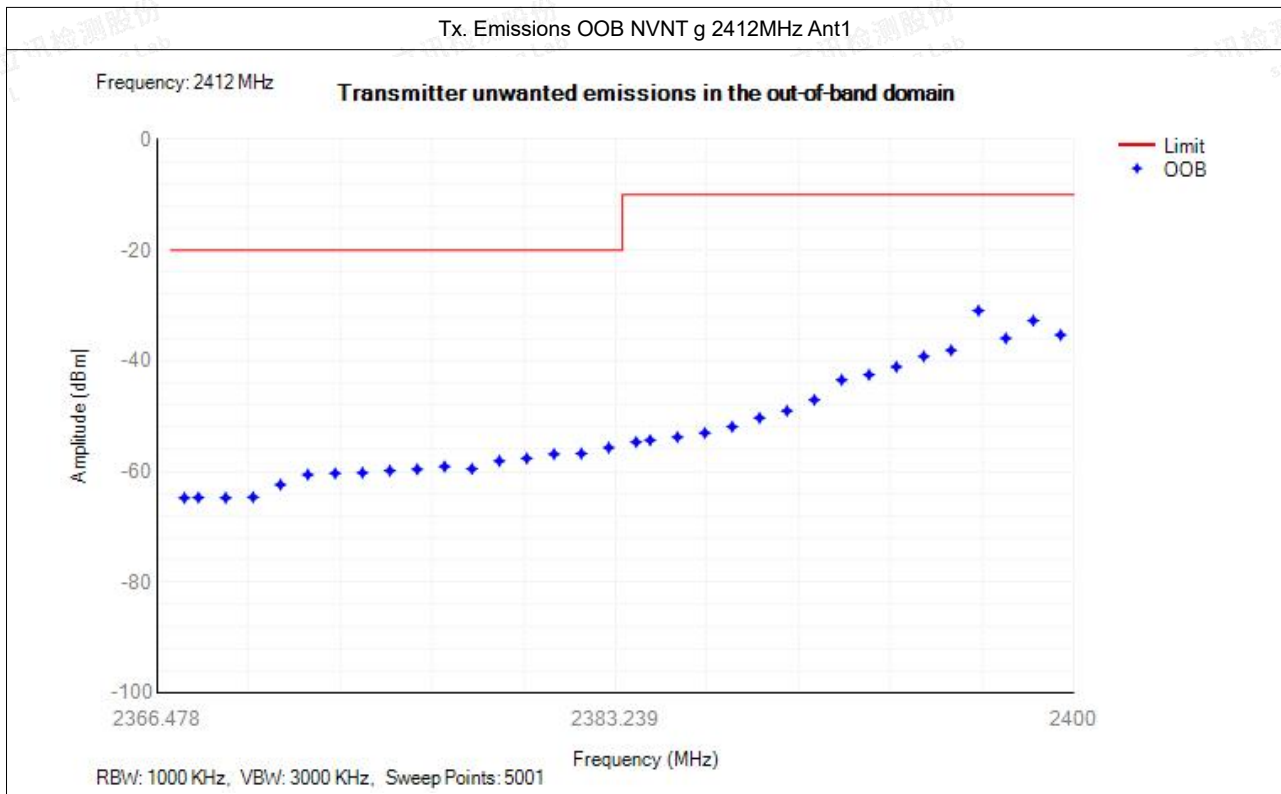
Test Graphs

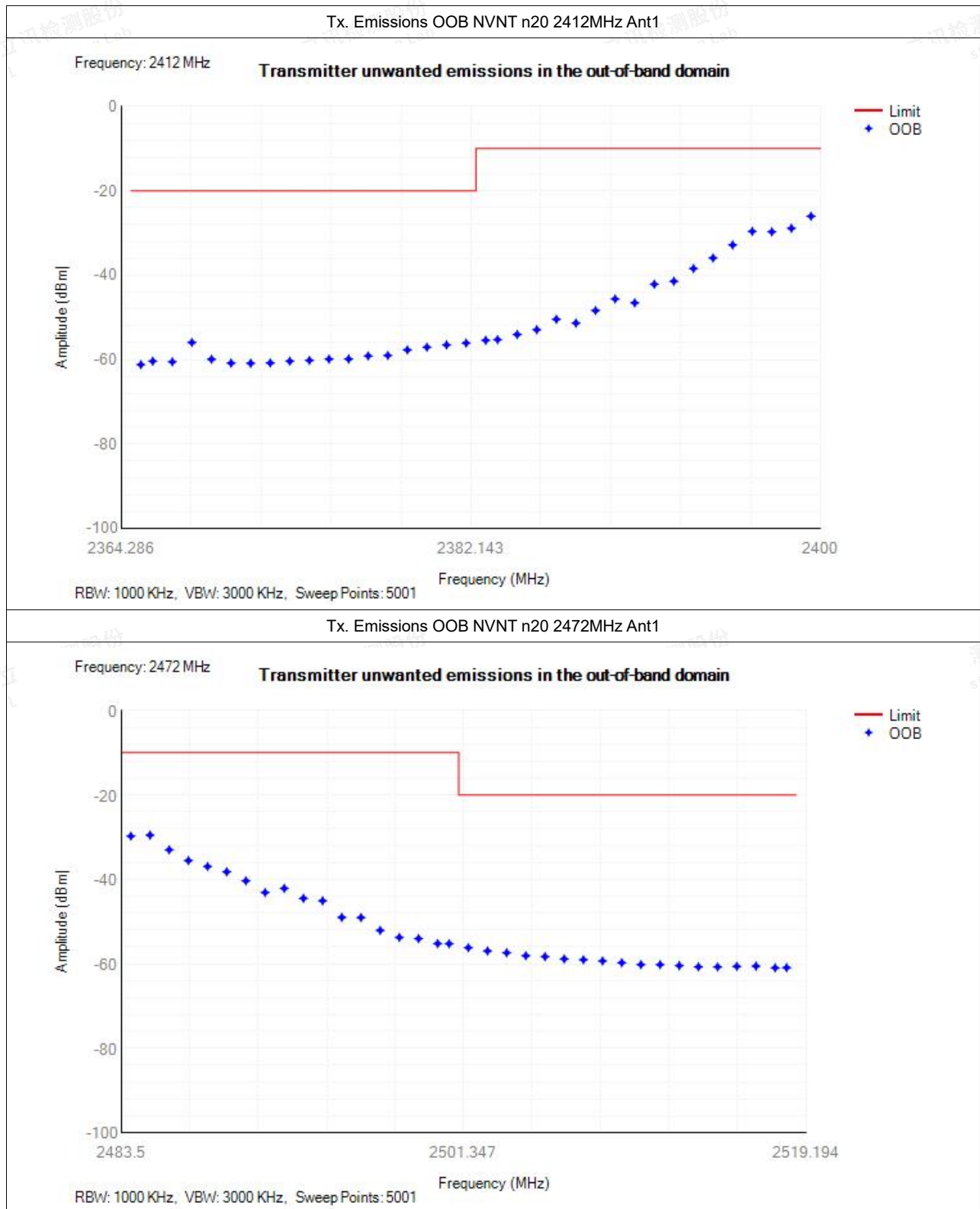
Tx. Emissions OOB NVNT b 2412MHz Ant1



Tx. Emissions OOB NVNT b 2472MHz Ant1









G.6 Transmitter unwanted emissions in the spurious domain

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	30 -47	32.40	-63.62	NA	-36	Pass
NVNT	b	2412	Ant1	47 -74	69.15	-63.11	NA	-54	Pass
NVNT	b	2412	Ant1	74 -87.5	75.95	-62.81	NA	-36	Pass
NVNT	b	2412	Ant1	87.5 -118	116.80	-62.23	NA	-54	Pass
NVNT	b	2412	Ant1	118 -174	142.15	-62.26	NA	-36	Pass
NVNT	b	2412	Ant1	174 -230	191.30	-62.32	NA	-54	Pass
NVNT	b	2412	Ant1	230 -470	316.85	-60.06	NA	-36	Pass
NVNT	b	2412	Ant1	470 -694	480.35	-60.25	NA	-54	Pass
NVNT	b	2412	Ant1	694 -1000	965.30	-58.12	NA	-36	Pass
NVNT	b	2412	Ant1	1000 -2360	2135.50	-45.37	NA	-30	Pass
NVNT	b	2412	Ant1	2523.5 -12750	12741.50	-40.31	NA	-30	Pass
NVNT	b	2472	Ant1	30 -47	40.85	-63.93	NA	-36	Pass
NVNT	b	2472	Ant1	47 -74	70.45	-63.41	NA	-54	Pass
NVNT	b	2472	Ant1	74 -87.5	81.85	-61.55	NA	-36	Pass
NVNT	b	2472	Ant1	87.5 -118	103.40	-61.59	NA	-54	Pass
NVNT	b	2472	Ant1	118 -174	130.80	-61.52	NA	-36	Pass
NVNT	b	2472	Ant1	174 -230	200.35	-61.59	NA	-54	Pass
NVNT	b	2472	Ant1	230 -470	414.35	-60.09	NA	-36	Pass
NVNT	b	2472	Ant1	470 -694	685.20	-60.28	NA	-54	Pass
NVNT	b	2472	Ant1	694 -1000	856.05	-58.70	NA	-36	Pass
NVNT	b	2472	Ant1	1000 -2360	2326.50	-45.76	NA	-30	Pass
NVNT	b	2472	Ant1	2523.5 -12750	12748.00	-40.78	NA	-30	Pass
NVNT	g	2412	Ant1	30 -47	30.75	-63.81	NA	-36	Pass
NVNT	g	2412	Ant1	47 -74	69.60	-63.26	NA	-54	Pass
NVNT	g	2412	Ant1	74 -87.5	81.00	-62.62	NA	-36	Pass
NVNT	g	2412	Ant1	87.5 -118	106.35	-62.29	NA	-54	Pass
NVNT	g	2412	Ant1	118 -174	131.55	-62.53	NA	-36	Pass
NVNT	g	2412	Ant1	174 -230	219.60	-62.06	NA	-54	Pass
NVNT	g	2412	Ant1	230 -470	375.05	-60.81	NA	-36	Pass
NVNT	g	2412	Ant1	470 -694	532.40	-60.13	NA	-54	Pass
NVNT	g	2412	Ant1	694 -1000	909.85	-59.17	NA	-36	Pass
NVNT	g	2412	Ant1	1000 -2360	2313.00	-45.65	NA	-30	Pass
NVNT	g	2412	Ant1	2523.5 -12750	12739.50	-41.15	NA	-30	Pass
NVNT	g	2472	Ant1	30 -47	32.20	-63.76	NA	-36	Pass
NVNT	g	2472	Ant1	47 -74	71.95	-63.55	NA	-54	Pass
NVNT	g	2472	Ant1	74 -87.5	82.45	-62.23	NA	-36	Pass
NVNT	g	2472	Ant1	87.5 -118	108.00	-61.87	NA	-54	Pass
NVNT	g	2472	Ant1	118 -174	165.55	-61.95	NA	-36	Pass





NVNT	g	2472	Ant1	174 -230	209.65	-61.40	NA	-54	Pass
NVNT	g	2472	Ant1	230 -470	446.20	-60.09	NA	-36	Pass
NVNT	g	2472	Ant1	470 -694	677.65	-60.34	NA	-54	Pass
NVNT	g	2472	Ant1	694 -1000	792.05	-58.98	NA	-36	Pass
NVNT	g	2472	Ant1	1000 -2360	2174.00	-45.73	NA	-30	Pass
NVNT	g	2472	Ant1	2523.5 -12750	12735.50	-40.57	NA	-30	Pass
NVNT	n20	2412	Ant1	30 -47	43.15	-64.43	NA	-36	Pass
NVNT	n20	2412	Ant1	47 -74	61.20	-63.65	NA	-54	Pass
NVNT	n20	2412	Ant1	74 -87.5	87.45	-63.52	NA	-36	Pass
NVNT	n20	2412	Ant1	87.5 -118	111.25	-62.46	NA	-54	Pass
NVNT	n20	2412	Ant1	118 -174	160.65	-62.37	NA	-36	Pass
NVNT	n20	2412	Ant1	174 -230	206.85	-61.64	NA	-54	Pass
NVNT	n20	2412	Ant1	230 -470	393.25	-59.69	NA	-36	Pass
NVNT	n20	2412	Ant1	470 -694	583.60	-59.99	-71.17	-54	Pass
NVNT	n20	2412	Ant1	694 -1000	976.15	-59.52	NA	-36	Pass
NVNT	n20	2412	Ant1	1000 -2360	2307.50	-45.19	NA	-30	Pass
NVNT	n20	2412	Ant1	2523.5 -12750	12663.00	-41.44	NA	-30	Pass
NVNT	n20	2472	Ant1	30 -47	39.80	-64.42	NA	-36	Pass
NVNT	n20	2472	Ant1	47 -74	71.55	-63.63	NA	-54	Pass
NVNT	n20	2472	Ant1	74 -87.5	86.85	-63.50	NA	-36	Pass
NVNT	n20	2472	Ant1	87.5 -118	115.15	-62.15	NA	-54	Pass
NVNT	n20	2472	Ant1	118 -174	120.20	-62.10	NA	-36	Pass
NVNT	n20	2472	Ant1	174 -230	218.60	-61.12	NA	-54	Pass
NVNT	n20	2472	Ant1	230 -470	451.95	-60.49	NA	-36	Pass
NVNT	n20	2472	Ant1	470 -694	627.45	-60.29	NA	-54	Pass
NVNT	n20	2472	Ant1	694 -1000	948.90	-58.83	NA	-36	Pass
NVNT	n20	2472	Ant1	1000 -2360	2243.00	-45.06	NA	-30	Pass
NVNT	n20	2472	Ant1	2523.5 -12750	12744.00	-41.40	NA	-30	Pass

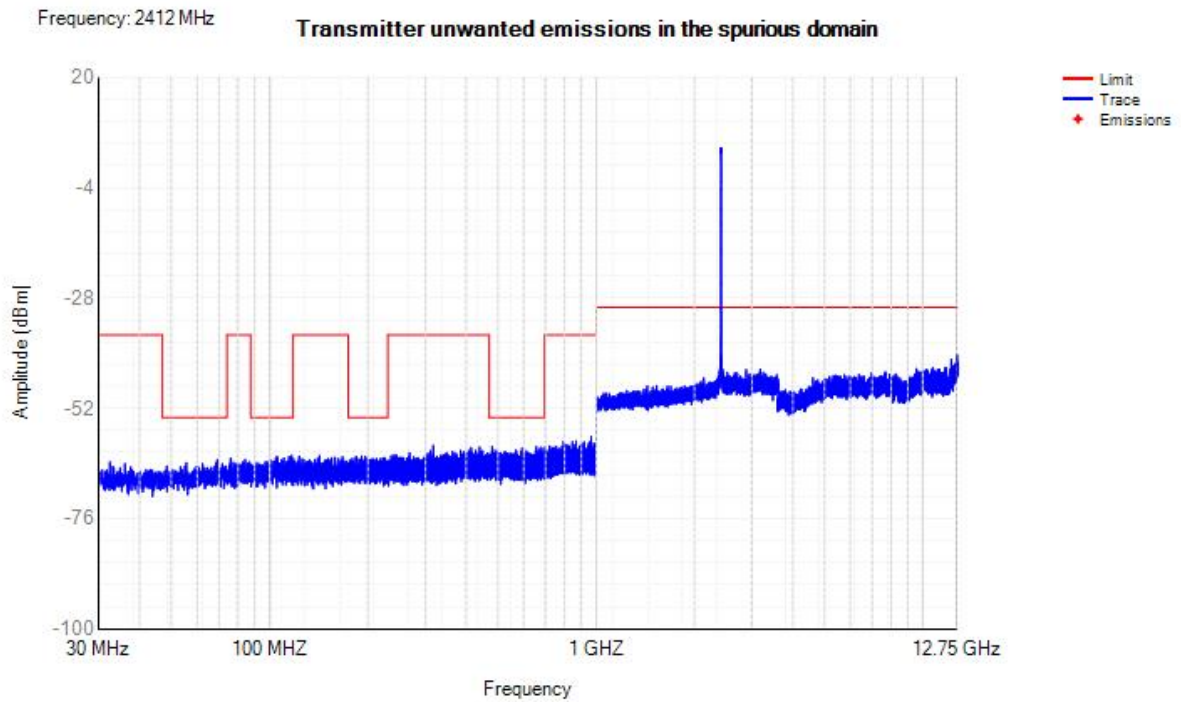


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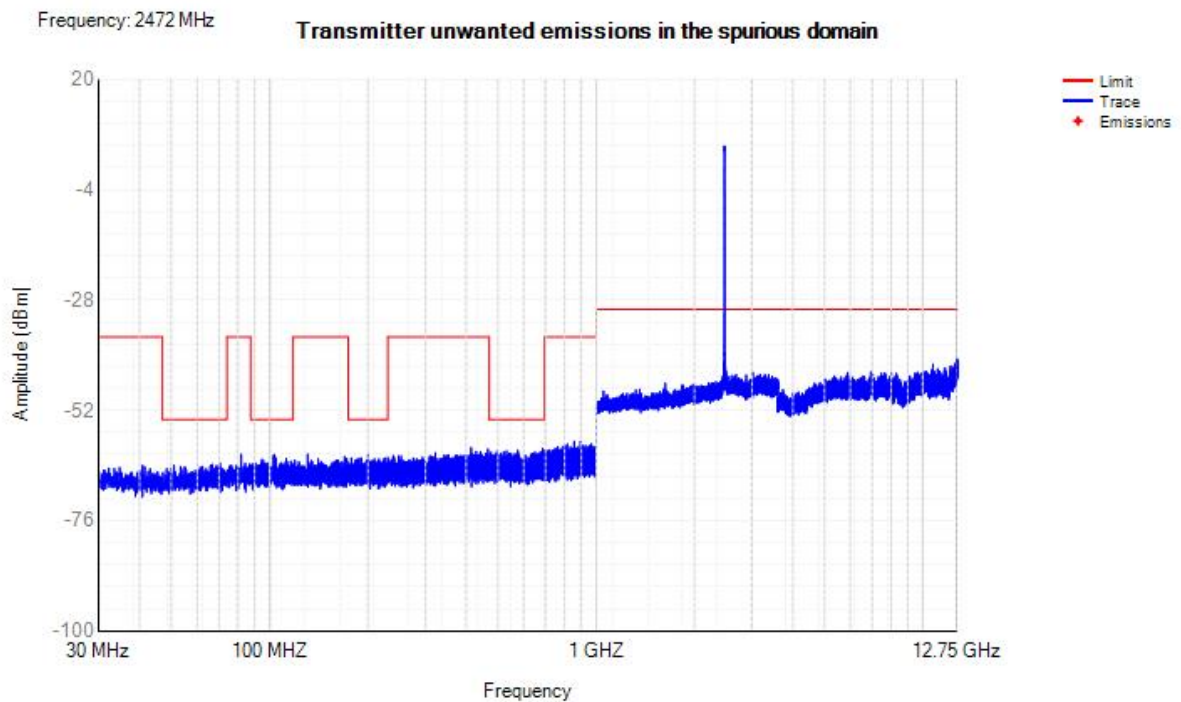


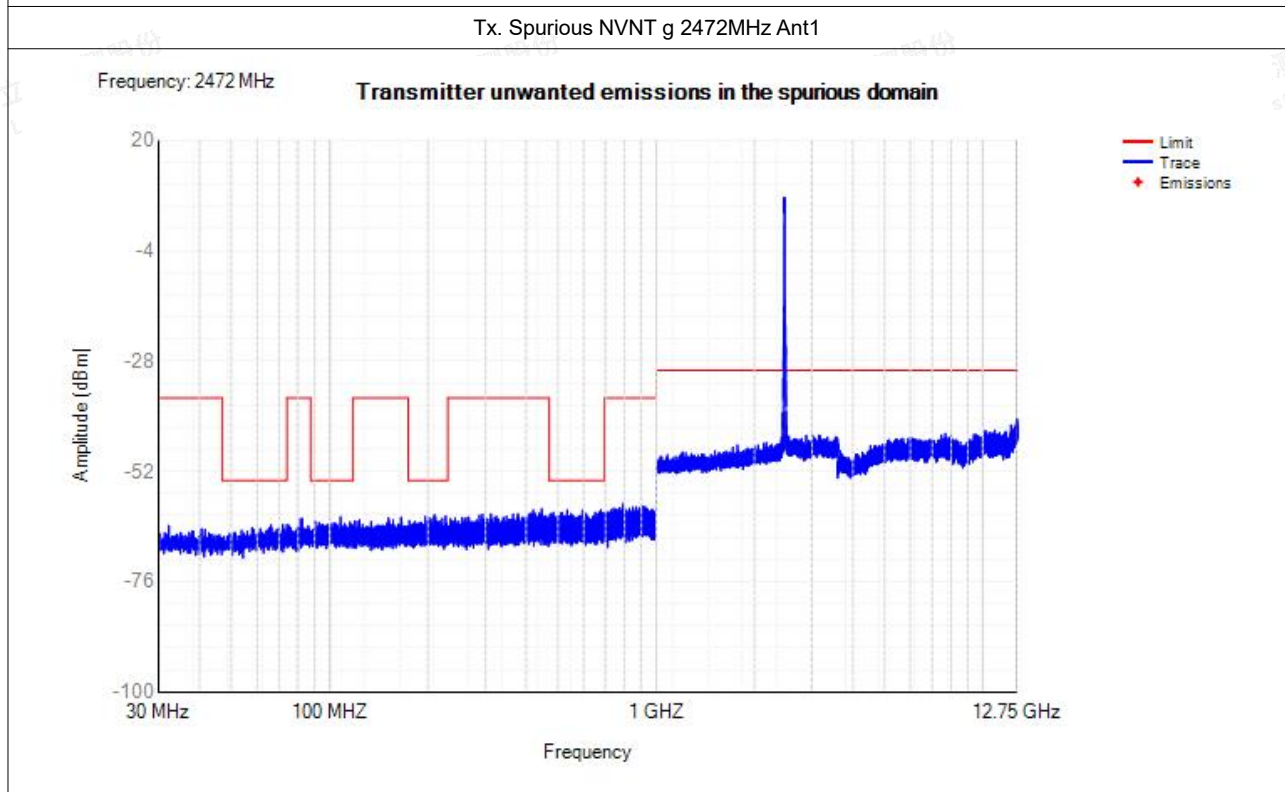
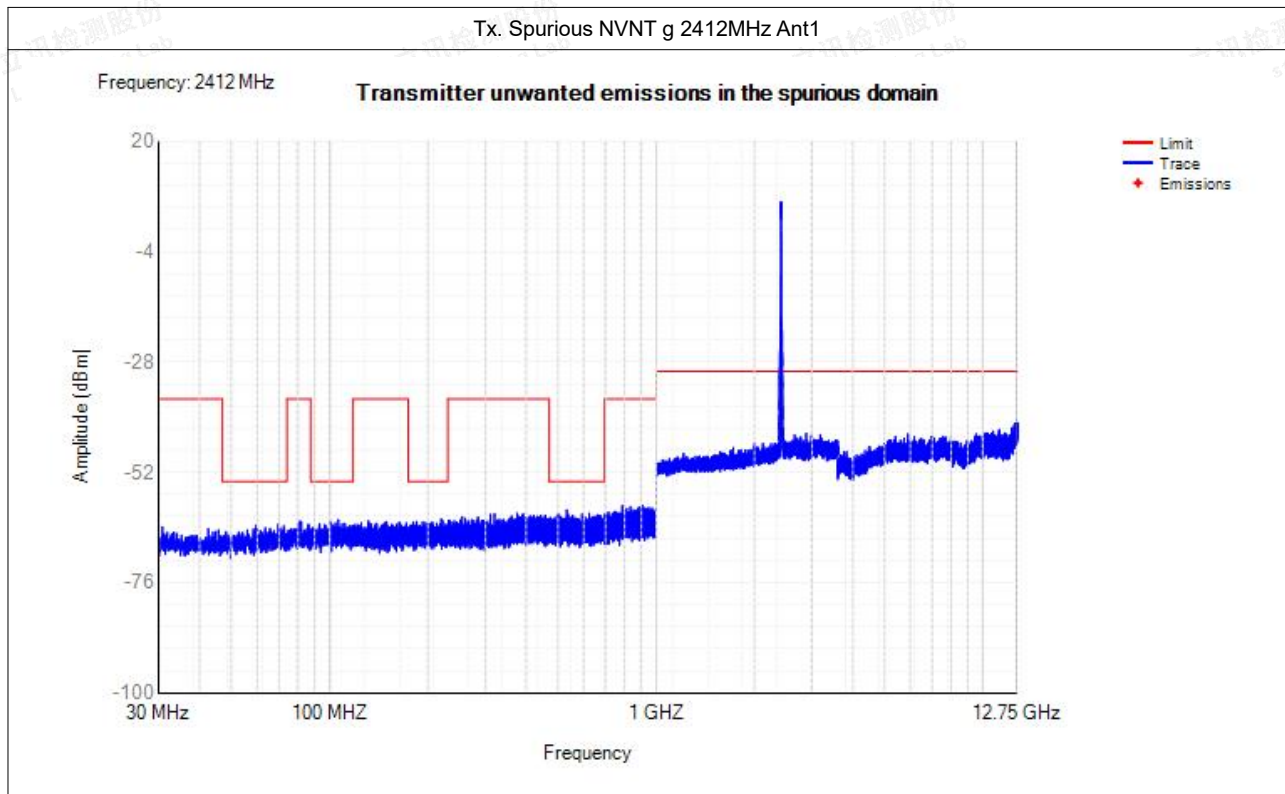
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1



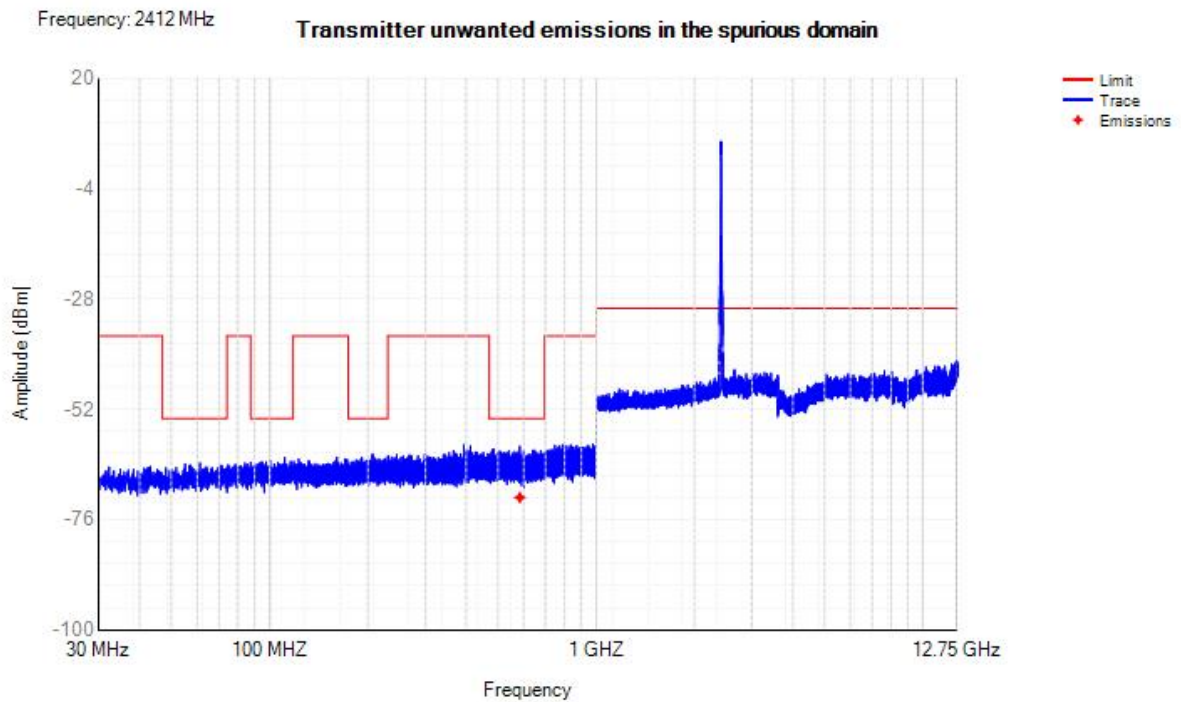
Tx. Spurious NVNT b 2472MHz Ant1



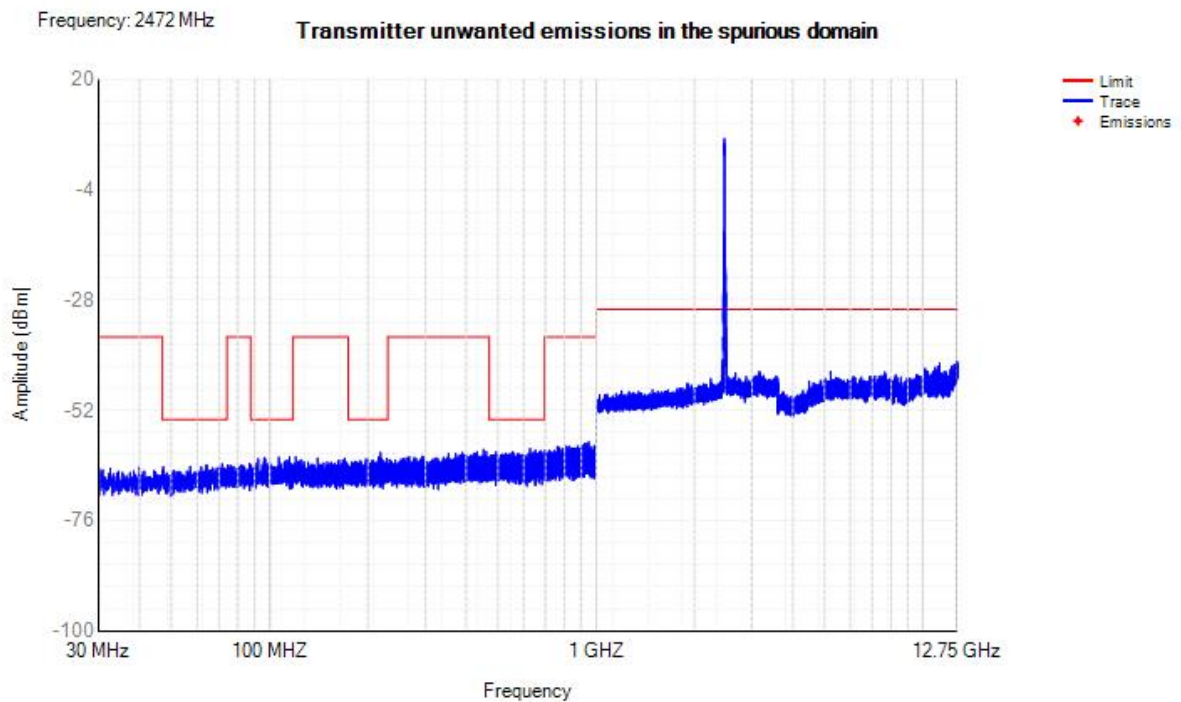




Tx. Spurious NVNT n20 2412MHz Ant1



Tx. Spurious NVNT n20 2472MHz Ant1





G.7 Receiver spurious emissions

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	30 -1000	820.75	-79.52	NA	-57	Pass
NVNT	b	2412	Ant1	1000 -12750	12694.5	-61.80	NA	-47	Pass
NVNT	b	2472	Ant1	30 -1000	930.65	-78.06	NA	-57	Pass
NVNT	b	2472	Ant1	1000 -12750	12735	-62.07	NA	-47	Pass
NVNT	g	2412	Ant1	30 -1000	726.8	-79.37	NA	-57	Pass
NVNT	g	2412	Ant1	1000 -12750	12540.5	-62.30	NA	-47	Pass
NVNT	g	2472	Ant1	30 -1000	970.4	-78.81	NA	-57	Pass
NVNT	g	2472	Ant1	1000 -12750	12738.5	-61.84	NA	-47	Pass
NVNT	n20	2412	Ant1	30 -1000	926.8	-78.53	NA	-57	Pass
NVNT	n20	2412	Ant1	1000 -12750	1902.5	-61.13	NA	-47	Pass
NVNT	n20	2472	Ant1	30 -1000	936.95	-79.03	NA	-57	Pass
NVNT	n20	2472	Ant1	1000 -12750	12733	-61.74	NA	-47	Pass

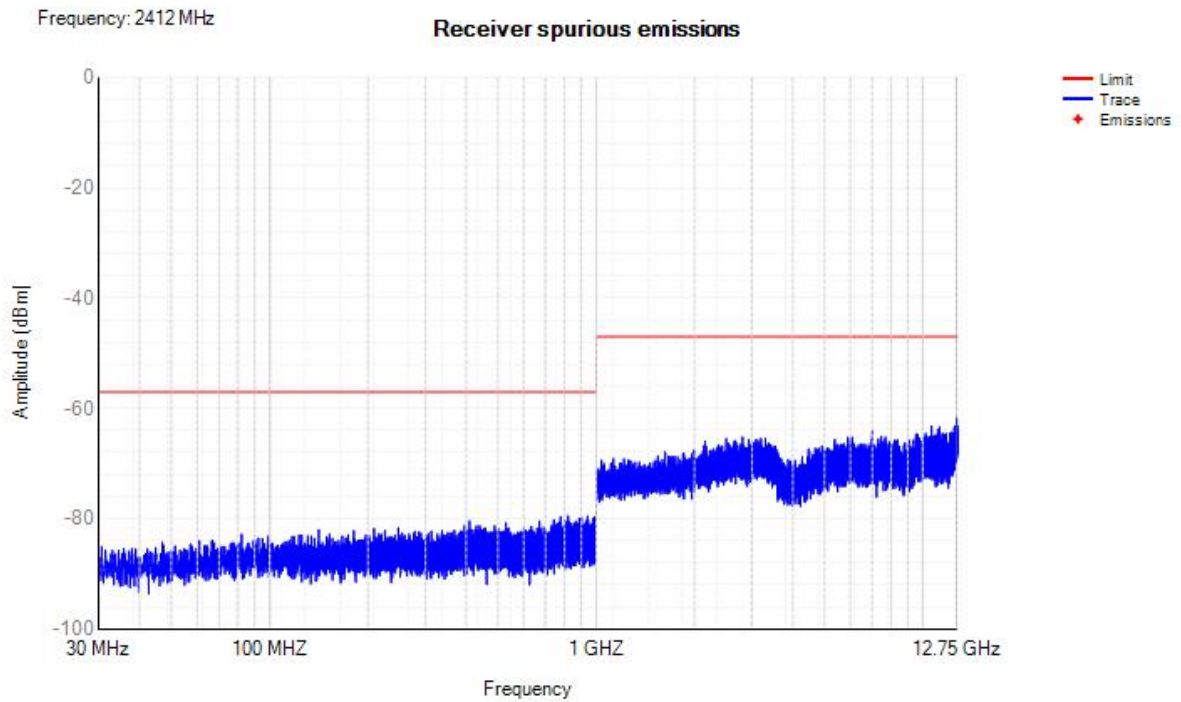


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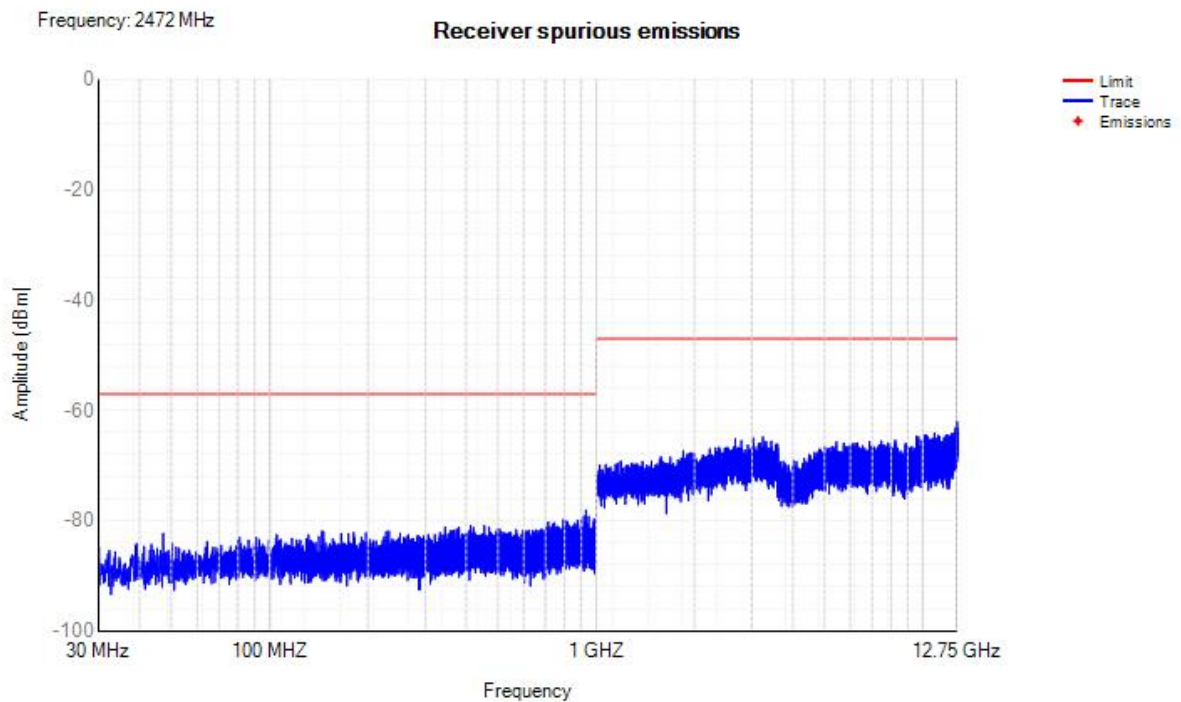


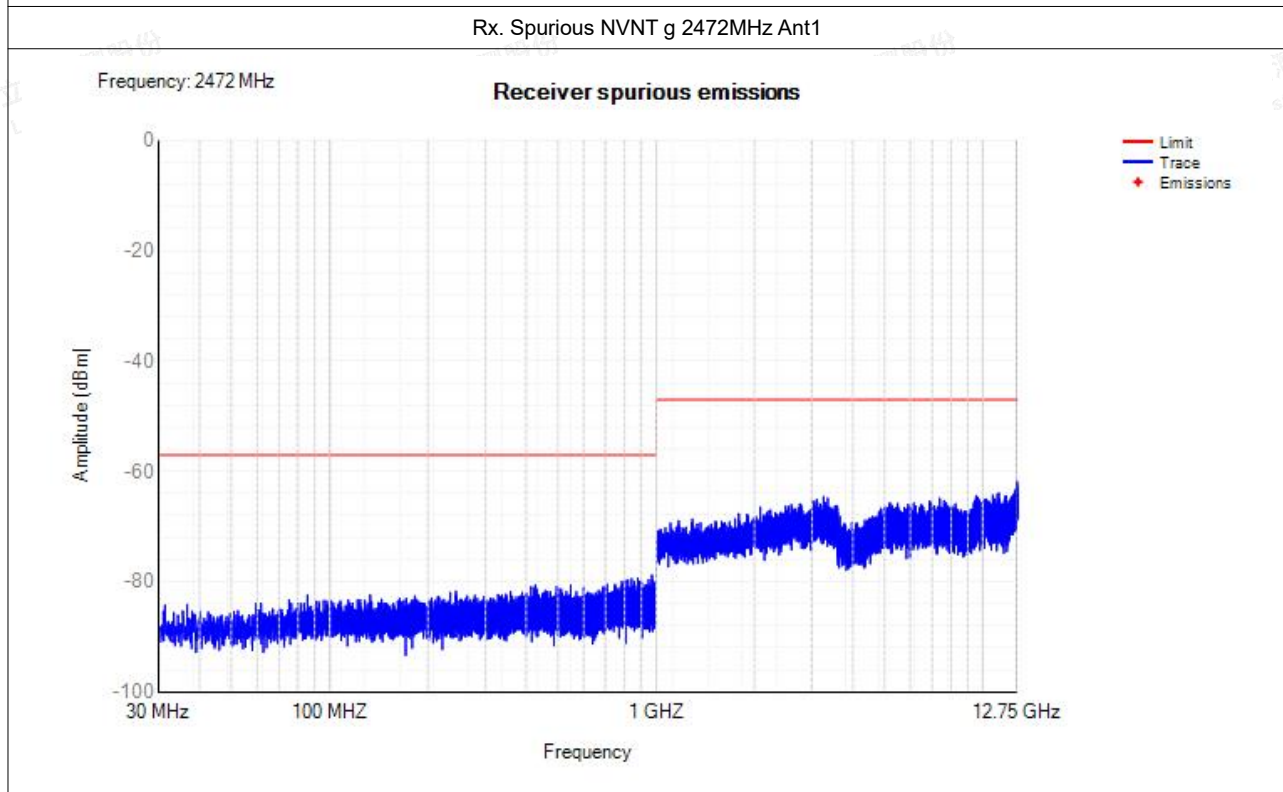
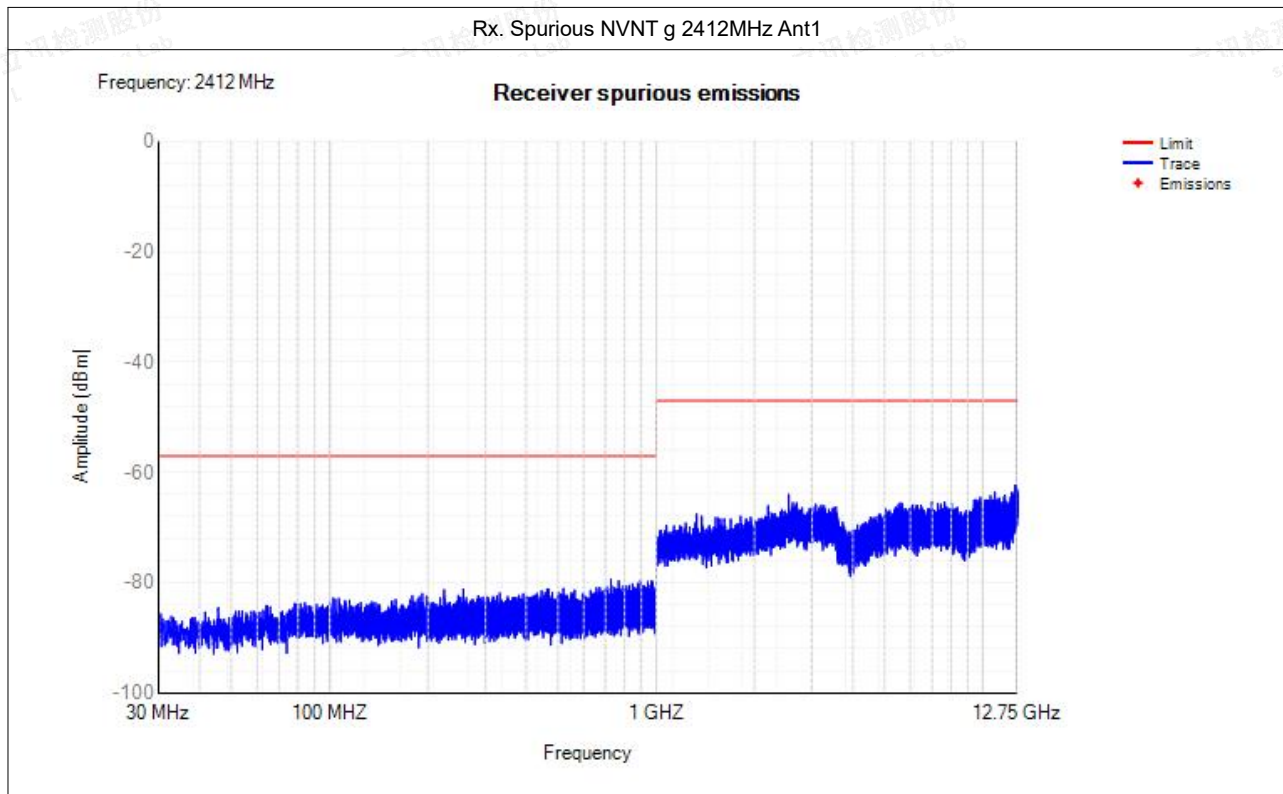
Test Graphs

Rx. Spurious NVNT b 2412MHz Ant1



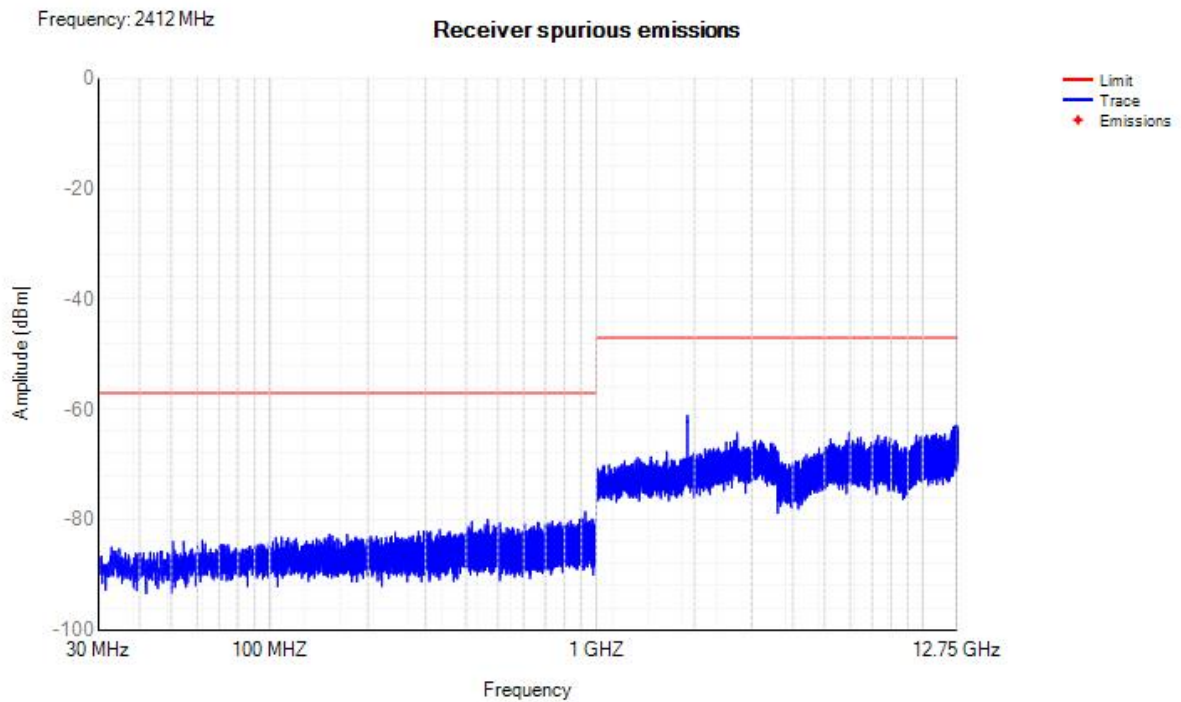
Rx. Spurious NVNT b 2472MHz Ant1



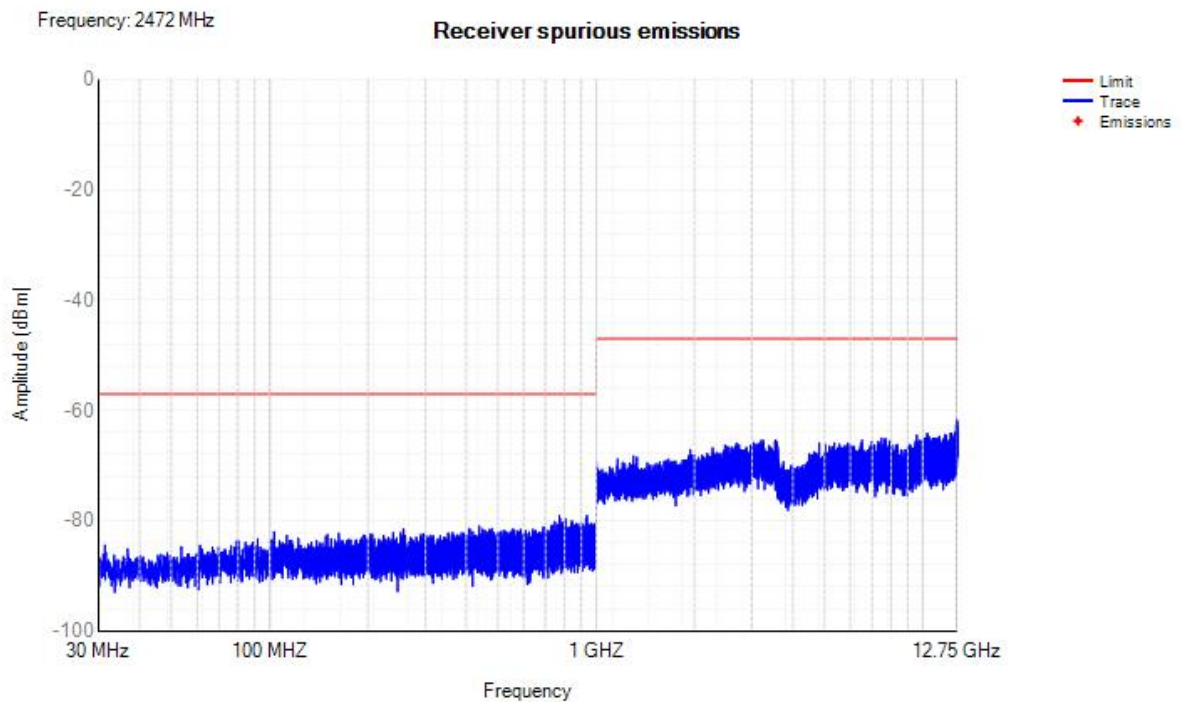




Rx. Spurious NVNT n20 2412MHz Ant1



Rx. Spurious NVNT n20 2472MHz Ant1





G.8 Receiver Blocking

Test Mode	Test Channel (MHz)	Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)		Type of Blocking Signal	PER(%)		Test Result
				Test Value	Limit		Test Value	Limit	
802.11b	2412	-68	2380	-26	≥-34	CW	3.56	10	Pass
			2504	-23	≥-34	CW	1.81	10	Pass
		-74	2300	-26	≥-34	CW	1.62	10	Pass
			2330	-23	≥-34	CW	1.66	10	Pass
			2360	-30	≥-34	CW	4.03	10	Pass
			2524	-25	≥-34	CW	3.48	10	Pass
			2584	-27	≥-34	CW	2.41	10	Pass
			2674	-20	≥-34	CW	1.66	10	Pass
	2472	-68	2380	-21	≥-34	CW	4.43	10	Pass
			2504	-21	≥-34	CW	3.26	10	Pass
		-74	2300	-29	≥-34	CW	2.45	10	Pass
			2330	-27	≥-34	CW	3.29	10	Pass
			2360	-23	≥-34	CW	4.98	10	Pass
			2524	-27	≥-34	CW	3.52	10	Pass
			2584	-25	≥-34	CW	2.77	10	Pass
			2674	-20	≥-34	CW	3.78	10	Pass

Test Mode	Test Channel (MHz)	Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)		Type of Blocking Signal	PER(%)		Test Result
				Test Value	Limit		Test Value	Limit	
802.11g	2412	-68	2380	-28	≥-34	CW	2.97	10	Pass
			2504	-23	≥-34	CW	1.98	10	Pass
		-74	2300	-27	≥-34	CW	1.04	10	Pass
			2330	-24	≥-34	CW	3.00	10	Pass
			2360	-31	≥-34	CW	4.05	10	Pass
			2524	-25	≥-34	CW	2.98	10	Pass
			2584	-29	≥-34	CW	2.58	10	Pass
			2674	-22	≥-34	CW	2.62	10	Pass
	2472	-68	2380	-20	≥-34	CW	4.88	10	Pass
			2504	-22	≥-34	CW	3.52	10	Pass
		-74	2300	-28	≥-34	CW	2.59	10	Pass
			2330	-26	≥-34	CW	3.08	10	Pass
			2360	-22	≥-34	CW	4.94	10	Pass
			2524	-28	≥-34	CW	4.15	10	Pass
			2584	-23	≥-34	CW	2.94	10	Pass
			2674	-19	≥-34	CW	2.38	10	Pass





Test Mode	Test Channel (MHz)	Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)		Type of Blocking Signal	PER(%)		Test Result
				Test Value	Limit		Test Value	Limit	
802.11n20	2412	-68	2380	-27	≥-34	CW	1.59	10	Pass
			2504	-23	≥-34	CW	2.18	10	Pass
		-74	2300	-25	≥-34	CW	0.90	10	Pass
			2330	-23	≥-34	CW	0.60	10	Pass
			2360	-29	≥-34	CW	4.14	10	Pass
			2524	-24	≥-34	CW	1.74	10	Pass
			2584	-28	≥-34	CW	2.75	10	Pass
			2674	-22	≥-34	CW	2.66	10	Pass
	2472	-68	2380	-20	≥-34	CW	5.51	10	Pass
			2504	-21	≥-34	CW	2.66	10	Pass
		-74	2300	-30	≥-34	CW	0.82	10	Pass
			2330	-28	≥-34	CW	3.45	10	Pass
			2360	-23	≥-34	CW	4.54	10	Pass
			2524	-28	≥-34	CW	2.20	10	Pass
			2584	-23	≥-34	CW	2.79	10	Pass
			2674	-20	≥-34	CW	1.07	10	Pass

