

RF Test Data for 2.4G WiFi

(Conducted Measurements)

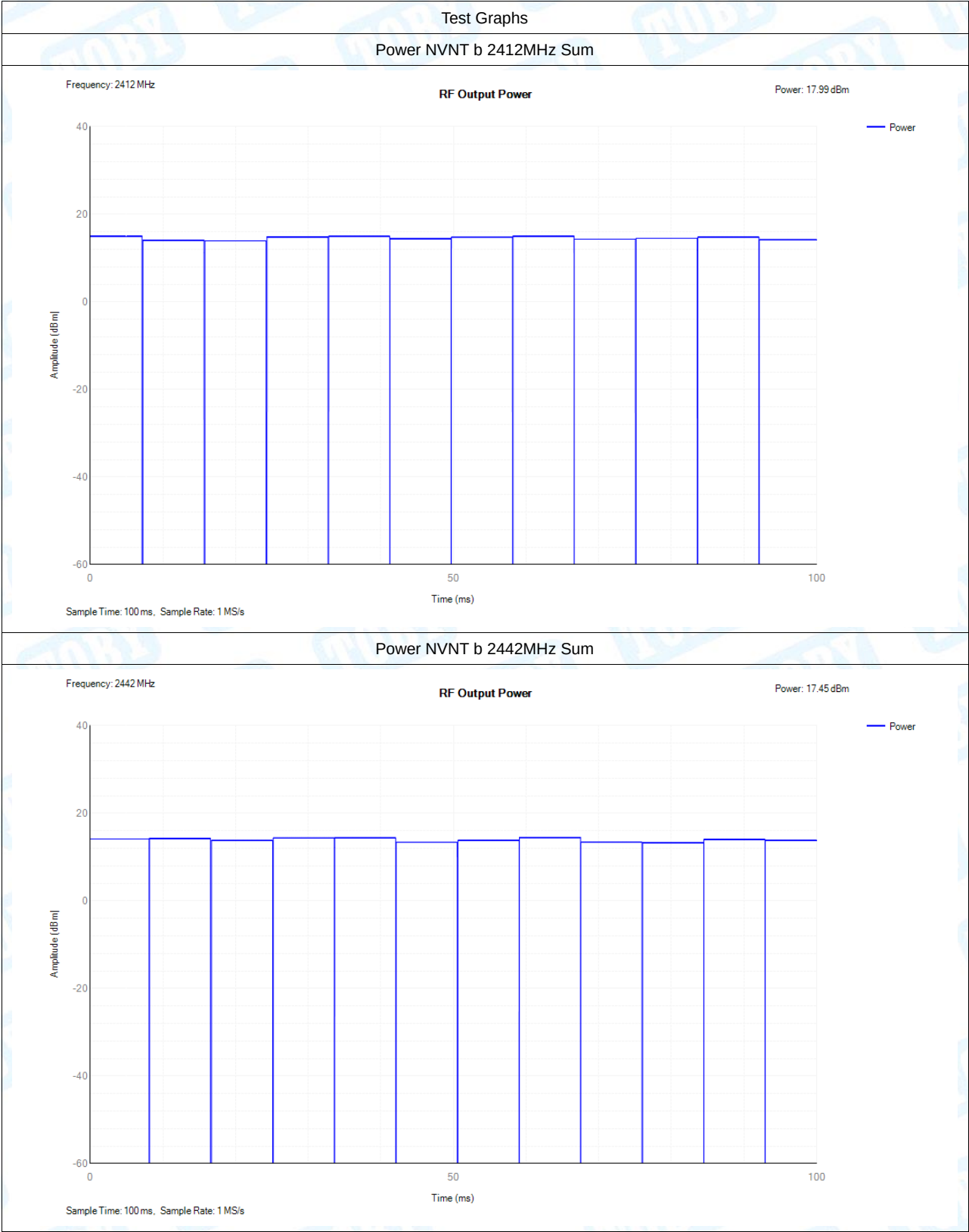
General Description of EUT	
Product Name:	Heltec Light Hotspot
Test Model:	HT-M7603
Standards:	ETSI EN 300 328 V2.2.2
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 5V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202205-0119-1. Only show the worst case test data.	

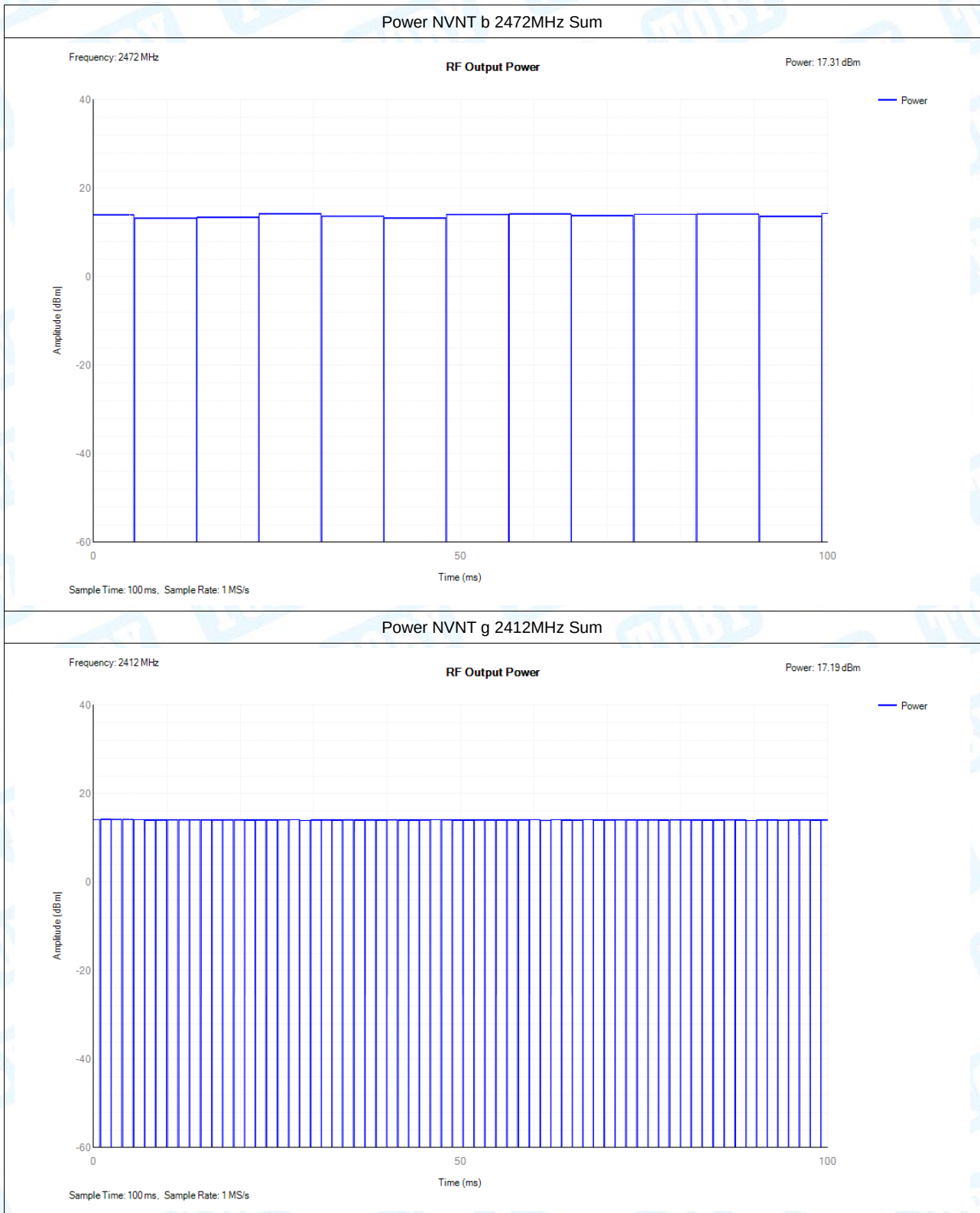
1. Duty Cycle, Tx Sequence, Tx Gap, Medium Utilisation

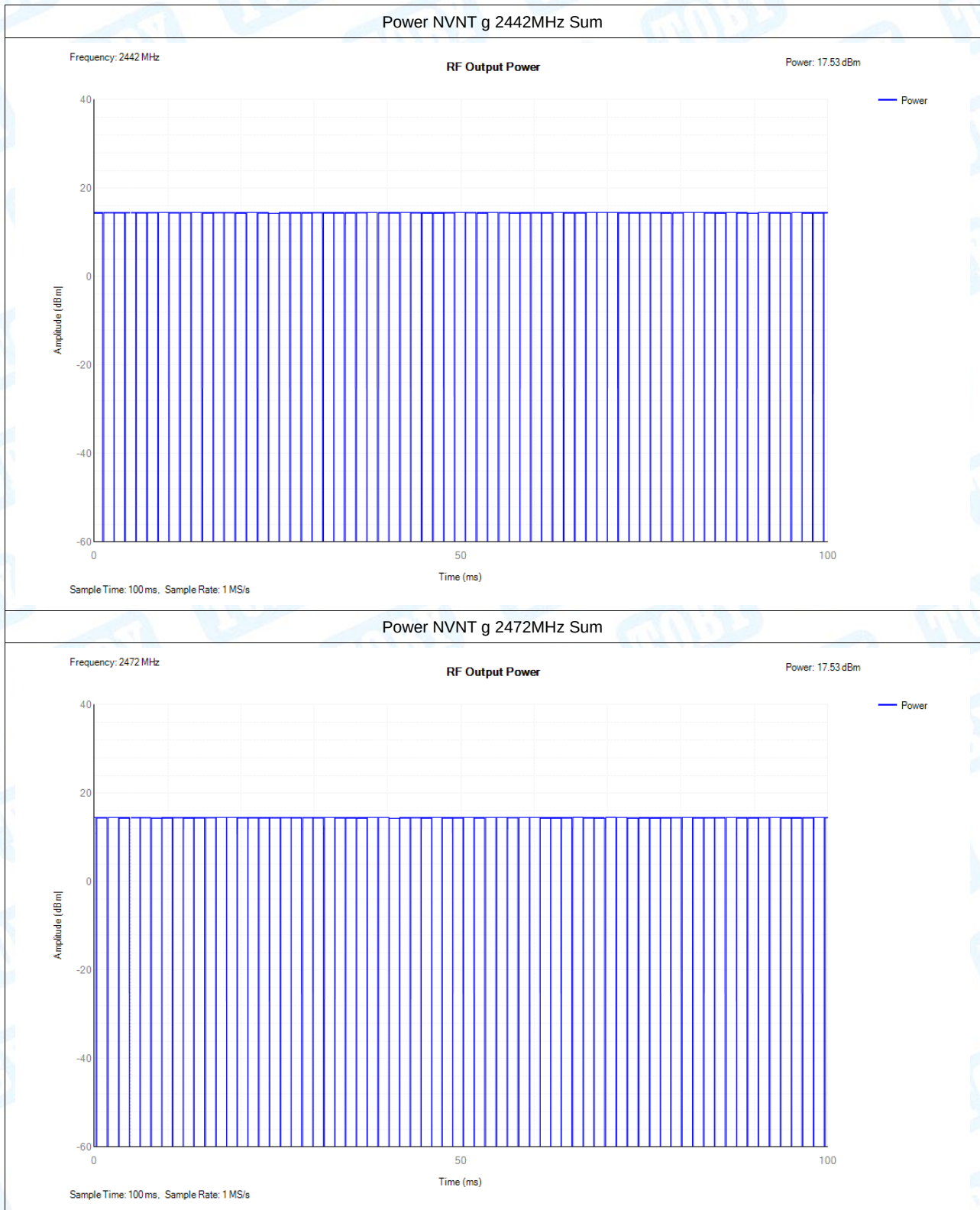
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Tx-sequence (ms)	Tx Gap (ms)	MU (%)
NVNT	b	2412	Sum	99.22	8.42	0.03	31.3
NVNT	b	2442	Sum	99.39	8.42	0.02	27.69
NVNT	b	2472	Sum	98.87	8.42	0.04	26.67
NVNT	g	2412	Sum	94.04	1.4	0.02	24.68
NVNT	g	2442	Sum	93.96	1.4	0.02	26.67
NVNT	g	2472	Sum	94.36	1.4	0.02	26.78
NVNT	n(HT20)	2412	Sum	93.32	1.31	0.03	25.12
NVNT	n(HT20)	2442	Sum	93.78	1.31	0.03	25.59
NVNT	n(HT20)	2472	Sum	93.64	1.31	0.03	25.44
NVNT	n(HT40)	2422	Sum	87.62	0.65	0.02	26.28
NVNT	n(HT40)	2442	Sum	87.89	0.65	0.02	24.66
NVNT	n(HT40)	2462	Sum	87.56	0.65	0.02	24.34

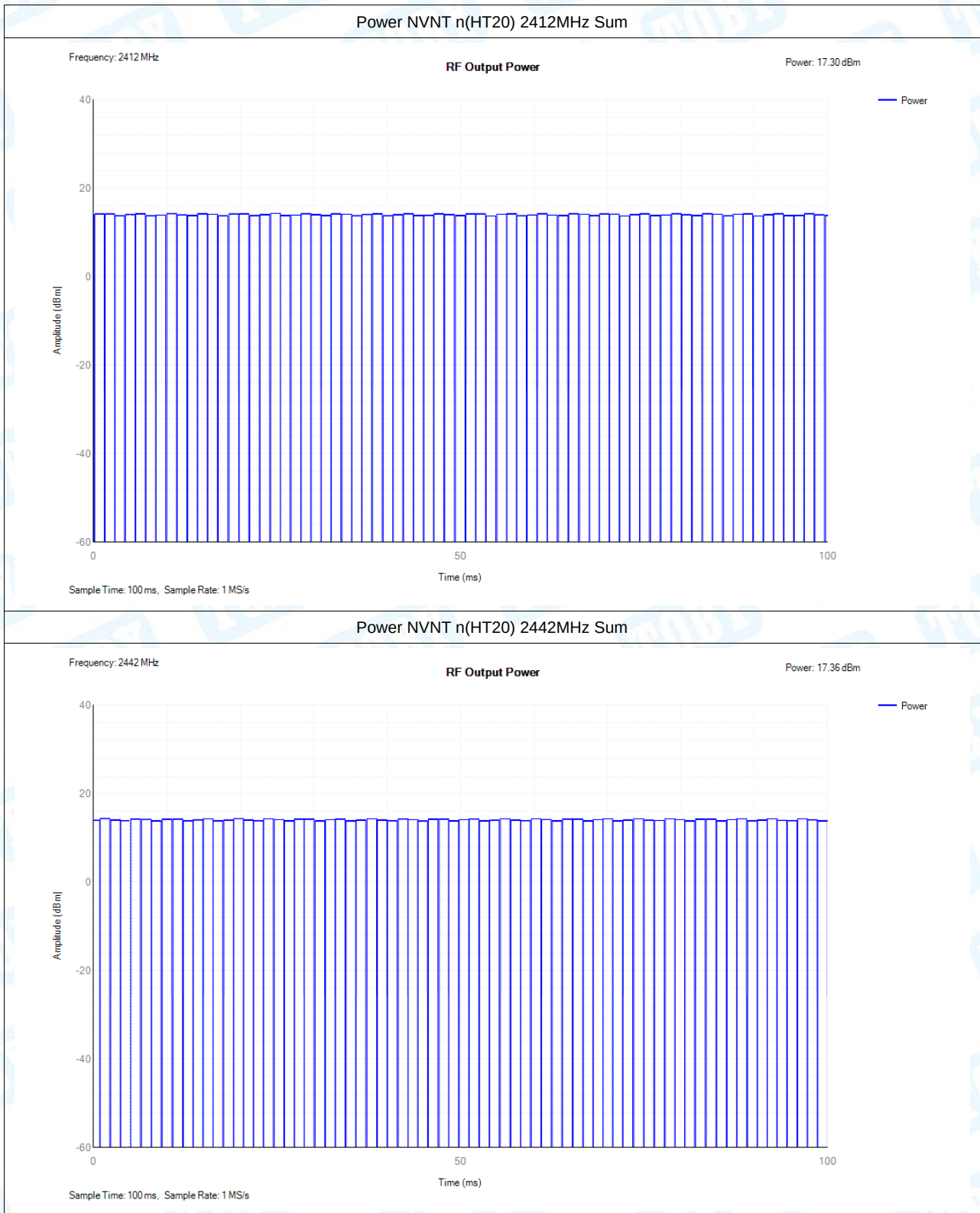
2. RF Output Power

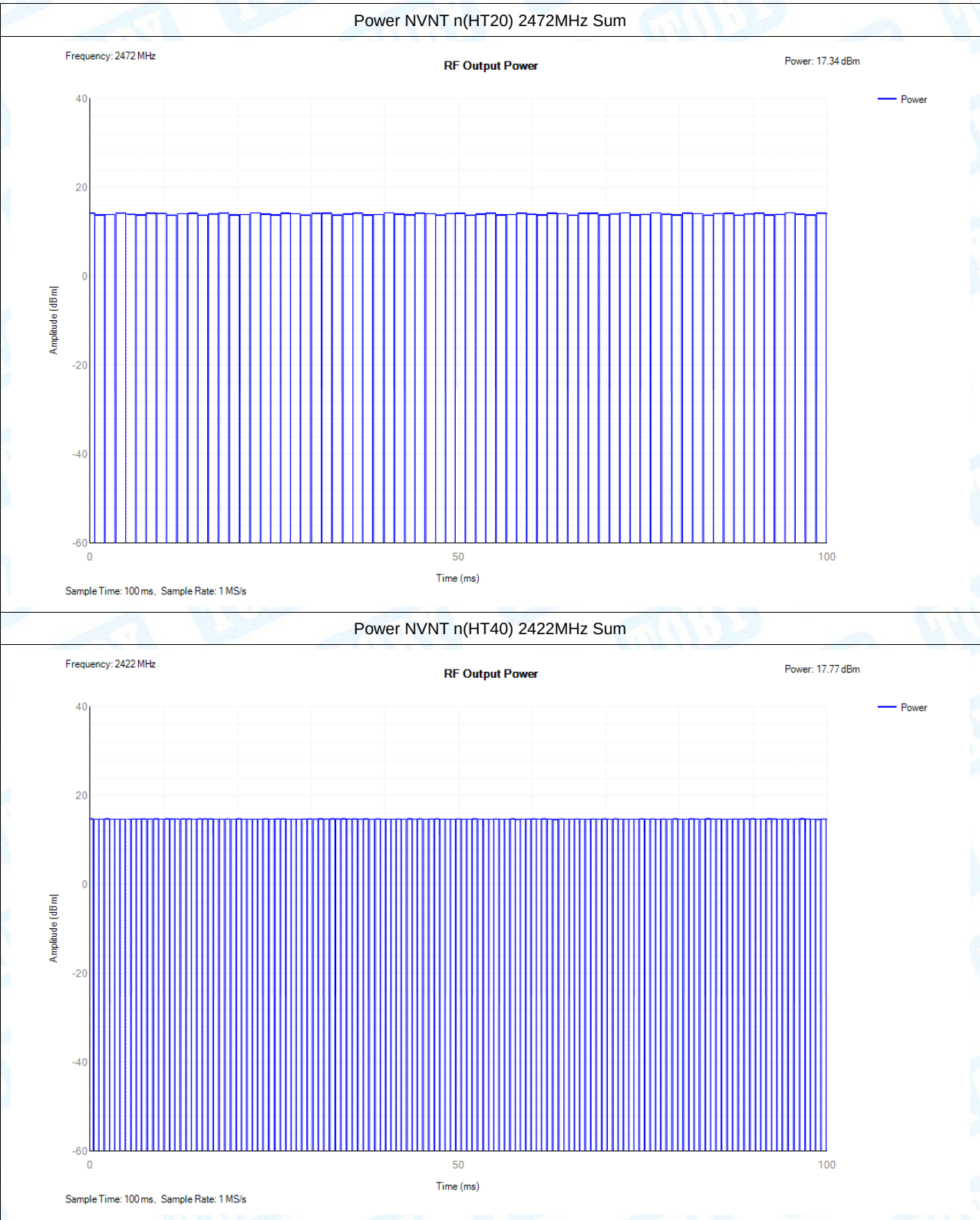
Condition	Mode	Frequency (MHz)	Antenna	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Sum	12	17.99	20	Pass
NVNT	b	2442	Sum	12	17.45	20	Pass
NVNT	b	2472	Sum	13	17.31	20	Pass
NVNT	g	2412	Sum	68	17.19	20	Pass
NVNT	g	2442	Sum	68	17.53	20	Pass
NVNT	g	2472	Sum	69	17.53	20	Pass
NVNT	n(HT20)	2412	Sum	73	17.3	20	Pass
NVNT	n(HT20)	2442	Sum	72	17.36	20	Pass
NVNT	n(HT20)	2472	Sum	73	17.34	20	Pass
NVNT	n(HT40)	2422	Sum	136	17.77	20	Pass
NVNT	n(HT40)	2442	Sum	136	17.48	20	Pass
NVNT	n(HT40)	2462	Sum	135	17.44	20	Pass

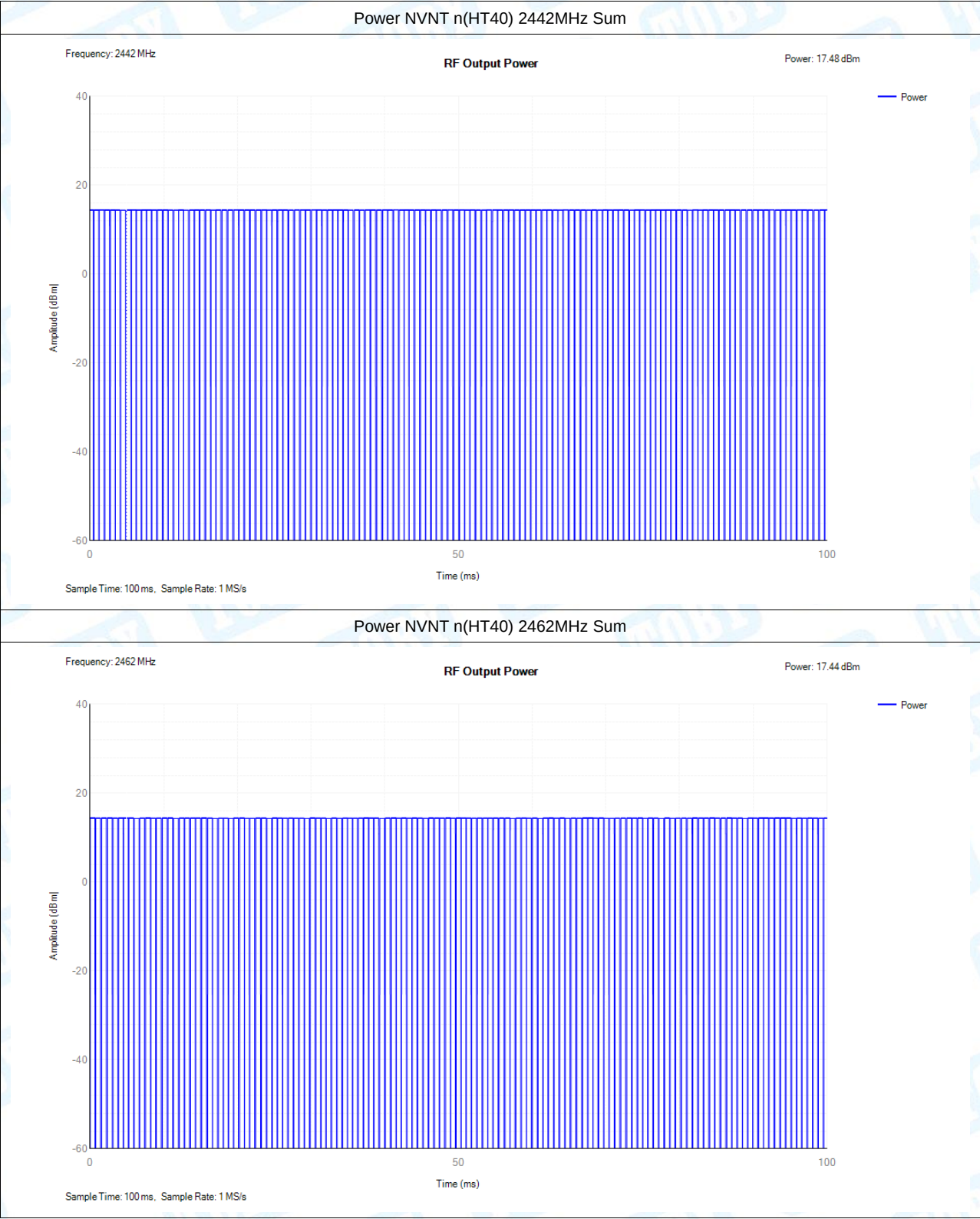






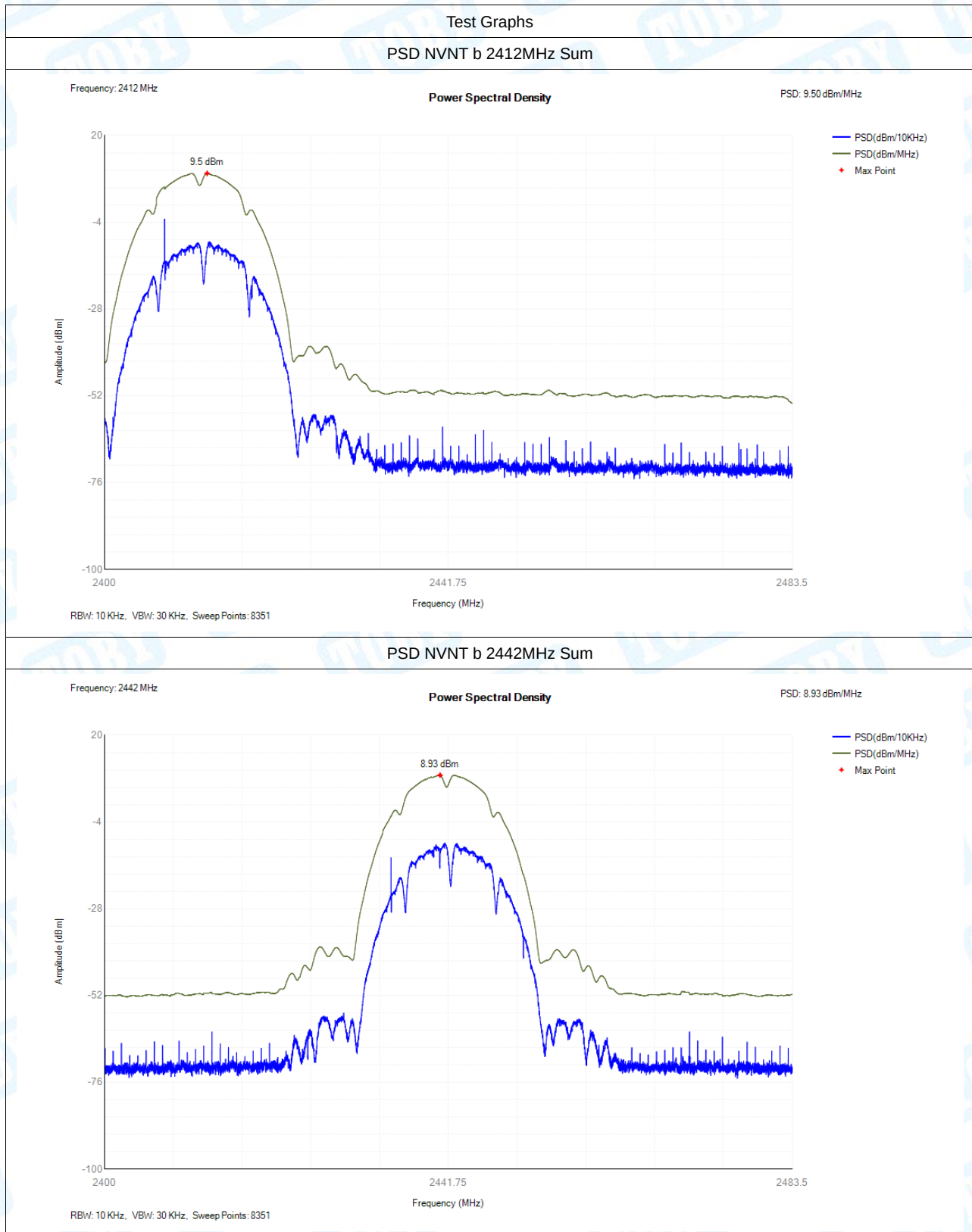


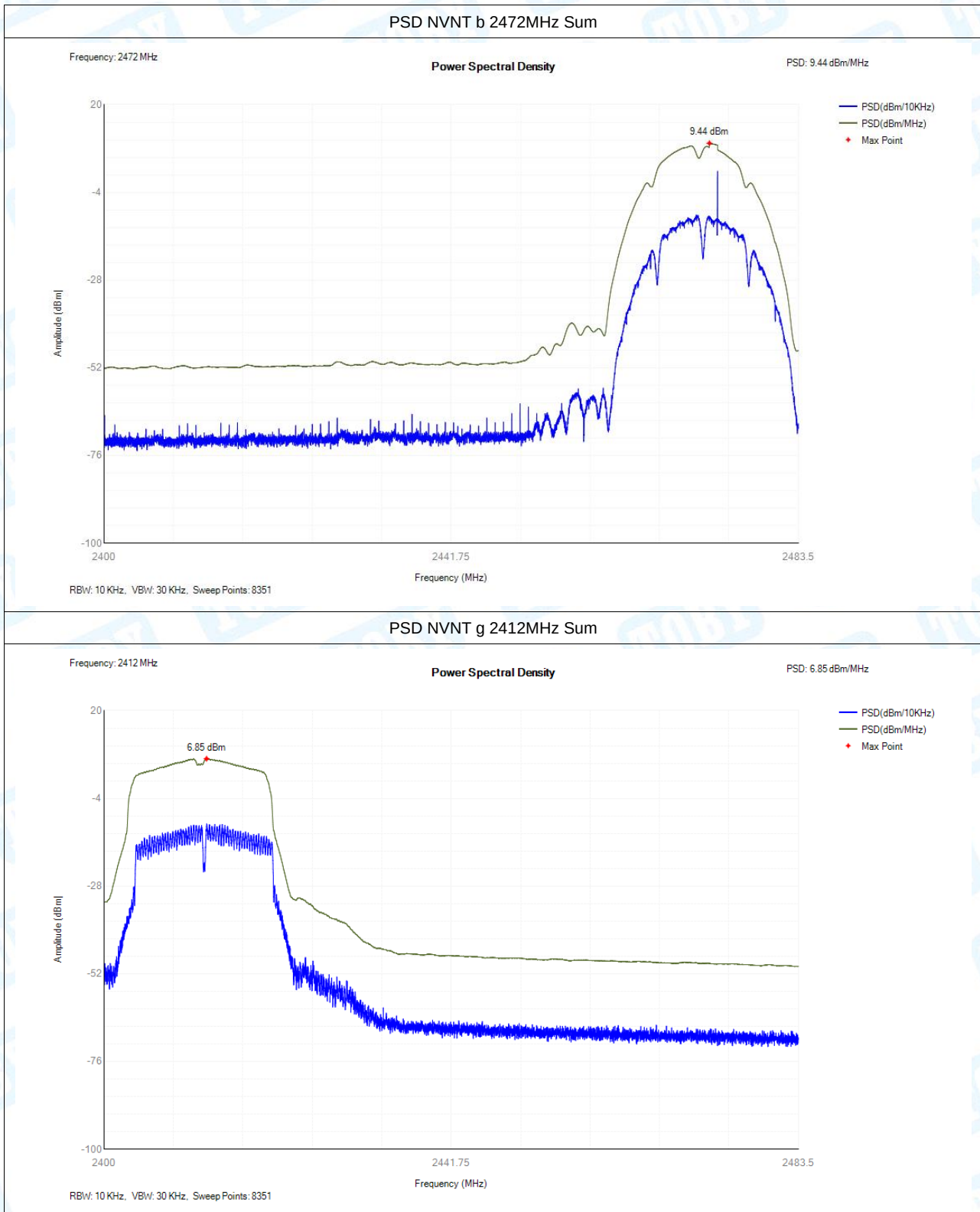


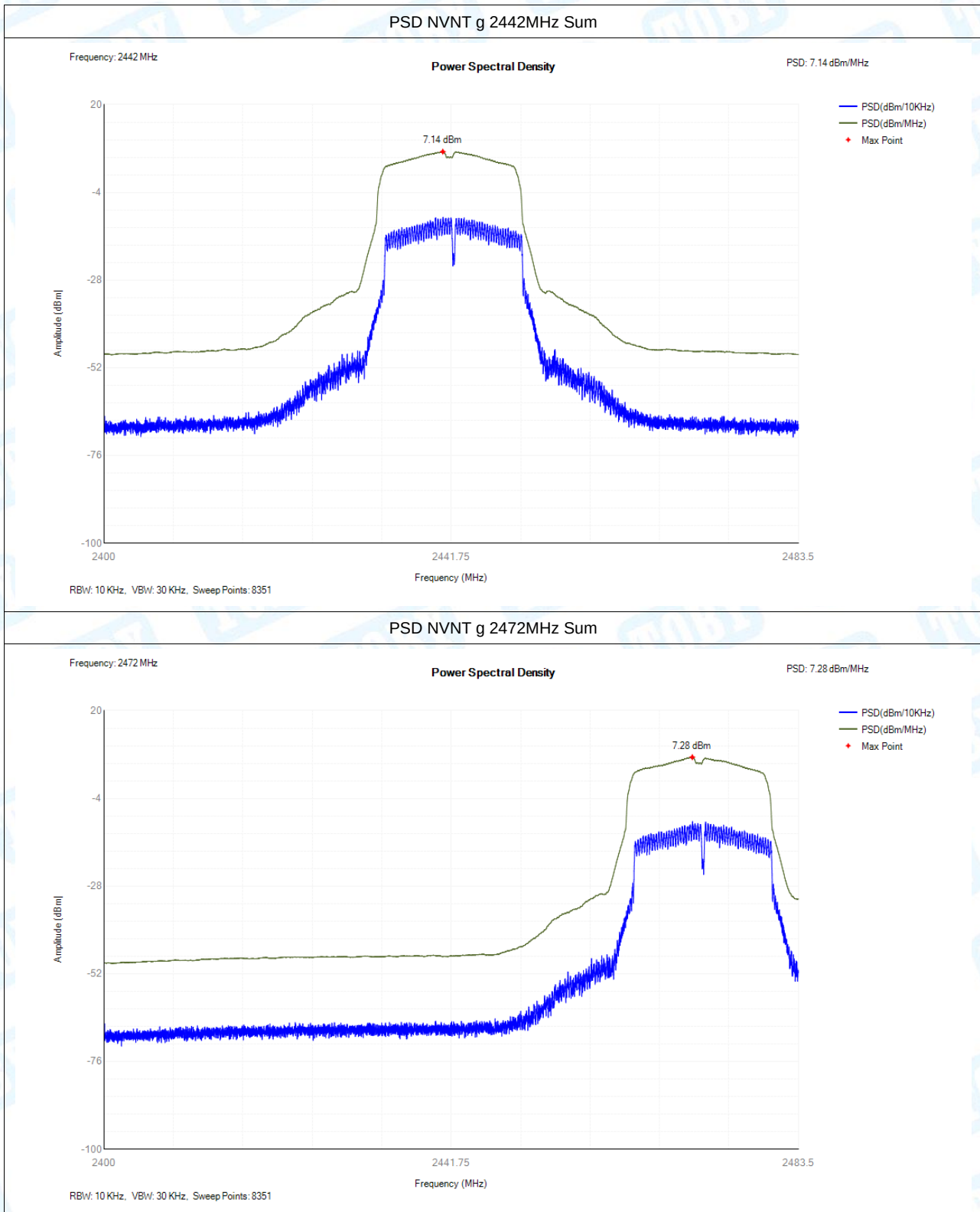


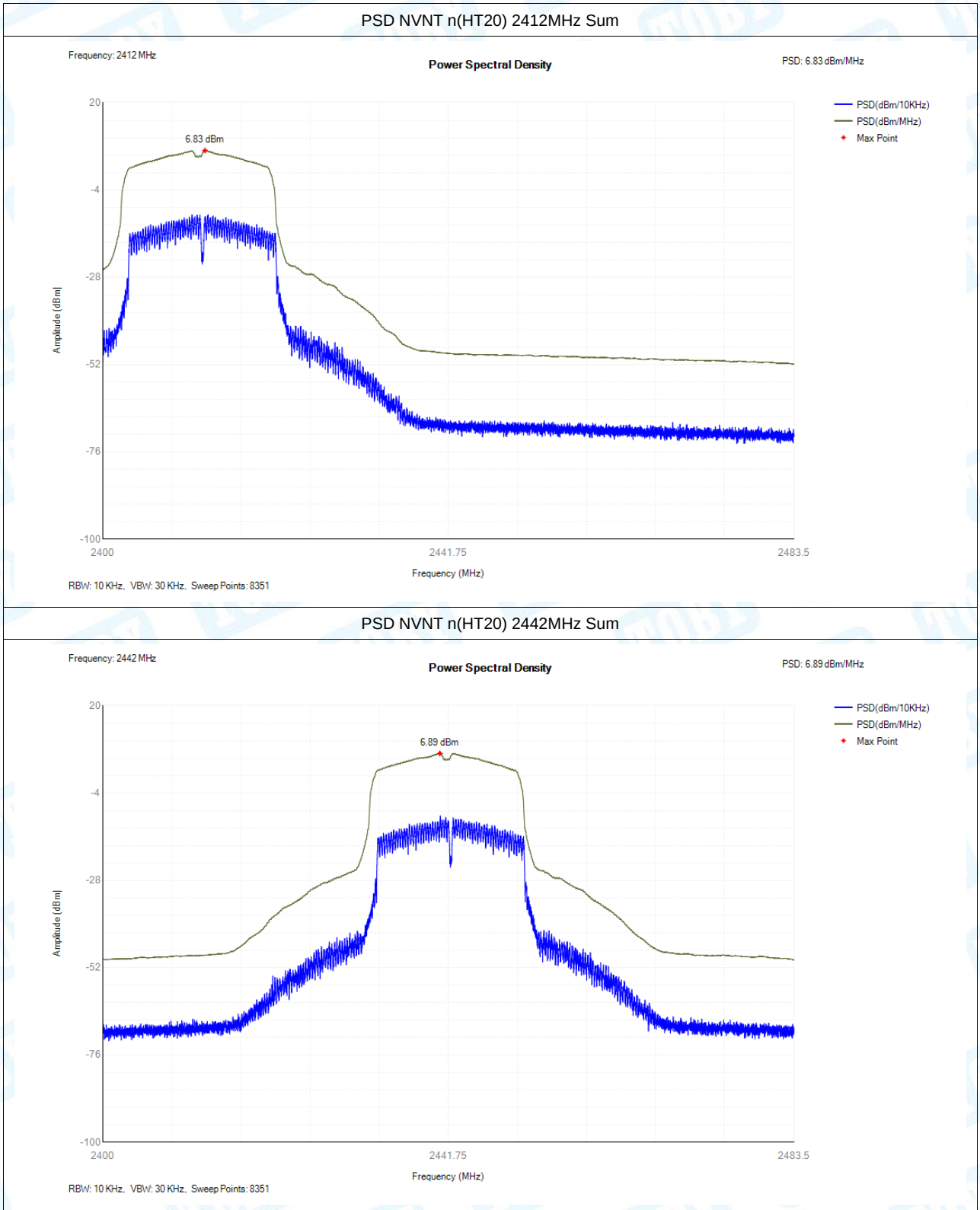
3. Power Spectral Density

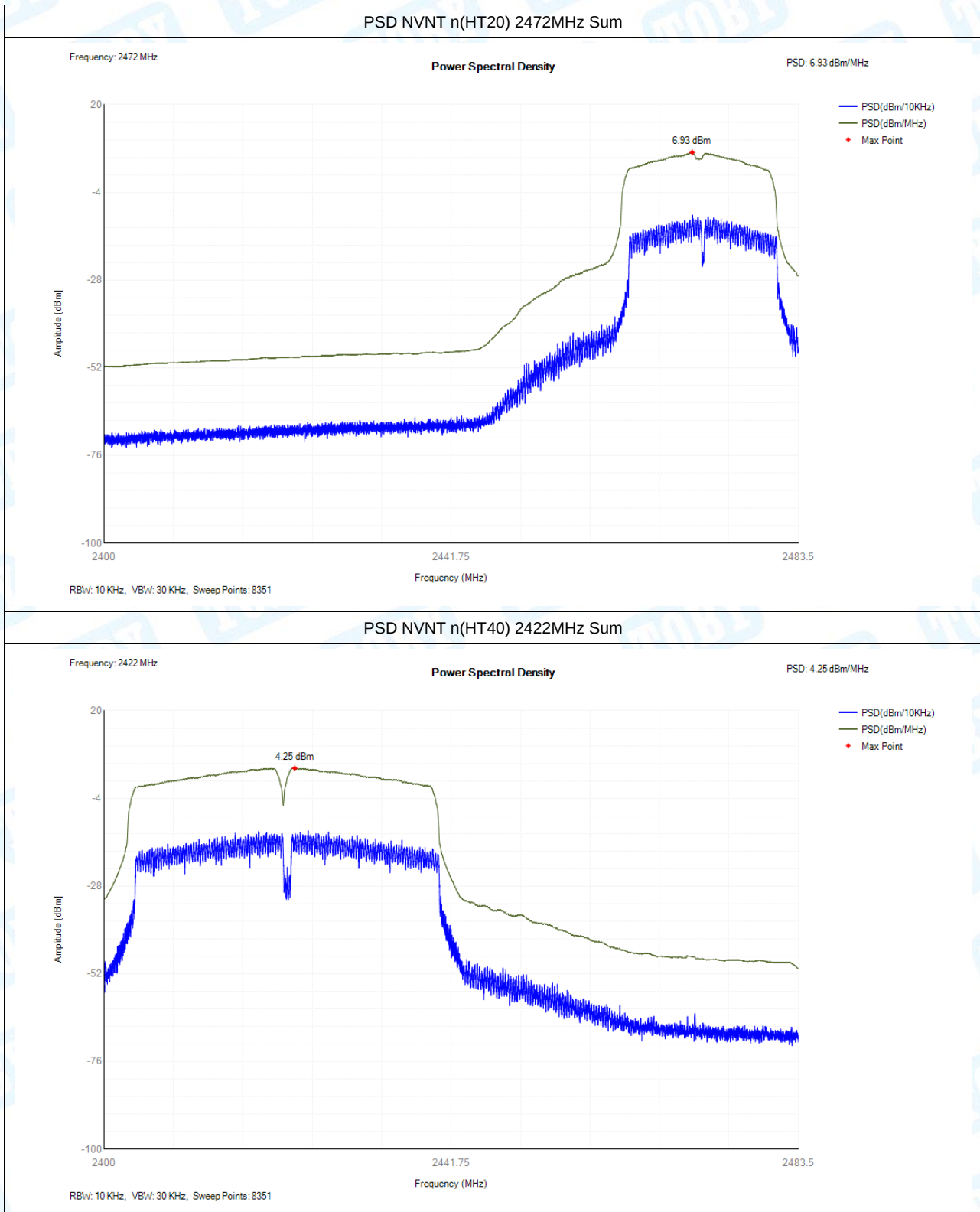
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Sum	9.5	10	Pass
NVNT	b	2442	Sum	8.93	10	Pass
NVNT	b	2472	Sum	9.44	10	Pass
NVNT	g	2412	Sum	6.85	10	Pass
NVNT	g	2442	Sum	7.14	10	Pass
NVNT	g	2472	Sum	7.28	10	Pass
NVNT	n(HT20)	2412	Sum	6.83	10	Pass
NVNT	n(HT20)	2442	Sum	6.89	10	Pass
NVNT	n(HT20)	2472	Sum	6.93	10	Pass
NVNT	n(HT40)	2422	Sum	4.25	10	Pass
NVNT	n(HT40)	2442	Sum	4.01	10	Pass
NVNT	n(HT40)	2462	Sum	3.93	10	Pass

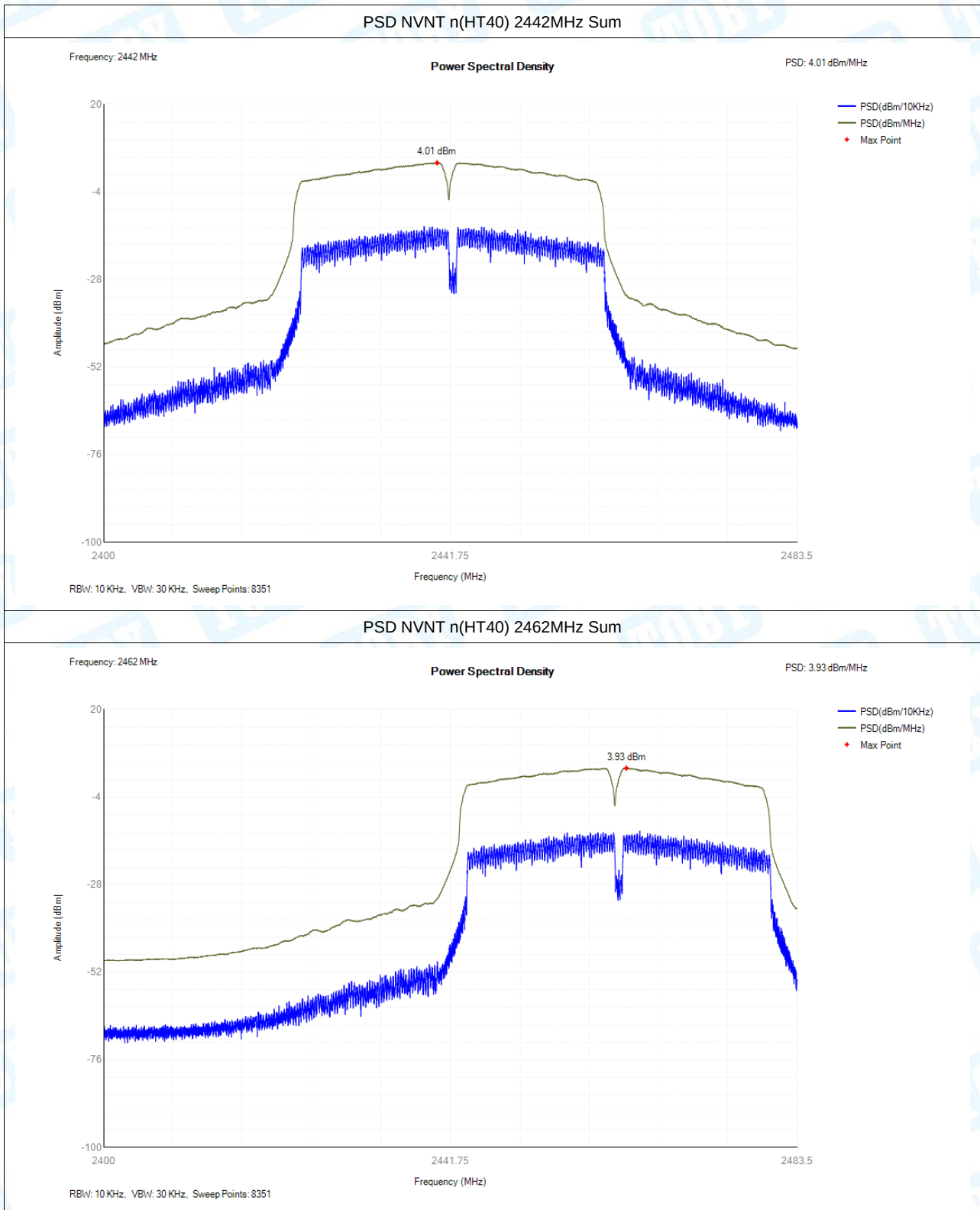












4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	b	2412	Sum	2412.078	14.249	2404.954	2419.203	2400 - 2483.5MHz	Pass
NVNT	b	2442	Sum	2442.016	14.178	2434.927	2449.105	2400 - 2483.5MHz	Pass
NVNT	b	2472	Sum	2471.941	14.205	2464.839	2479.044	2400 - 2483.5MHz	Pass
NVNT	g	2412	Sum	2412.056	16.411	2403.85	2420.261	2400 - 2483.5MHz	Pass
NVNT	g	2442	Sum	2441.998	16.4	2433.798	2450.199	2400 - 2483.5MHz	Pass
NVNT	g	2472	Sum	2472.013	16.427	2463.8	2480.226	2400 - 2483.5MHz	Pass
NVNT	n(HT20)	2412	Sum	2412.097	17.569	2403.312	2420.882	2400 - 2483.5MHz	Pass
NVNT	n(HT20)	2442	Sum	2441.985	17.556	2433.207	2450.764	2400 - 2483.5MHz	Pass
NVNT	n(HT20)	2472	Sum	2472.003	17.653	2463.177	2480.83	2400 - 2483.5MHz	Pass
NVNT	n(HT40)	2422	Sum	2422.071	35.958	2404.092	2440.05	2400 - 2483.5MHz	Pass
NVNT	n(HT40)	2442	Sum	2442.009	35.797	2424.11	2459.907	2400 - 2483.5MHz	Pass
NVNT	n(HT40)	2462	Sum	2461.987	35.883	2444.045	2479.928	2400 - 2483.5MHz	Pass

Test Graphs

OBW NVNT b 2412MHz Sum



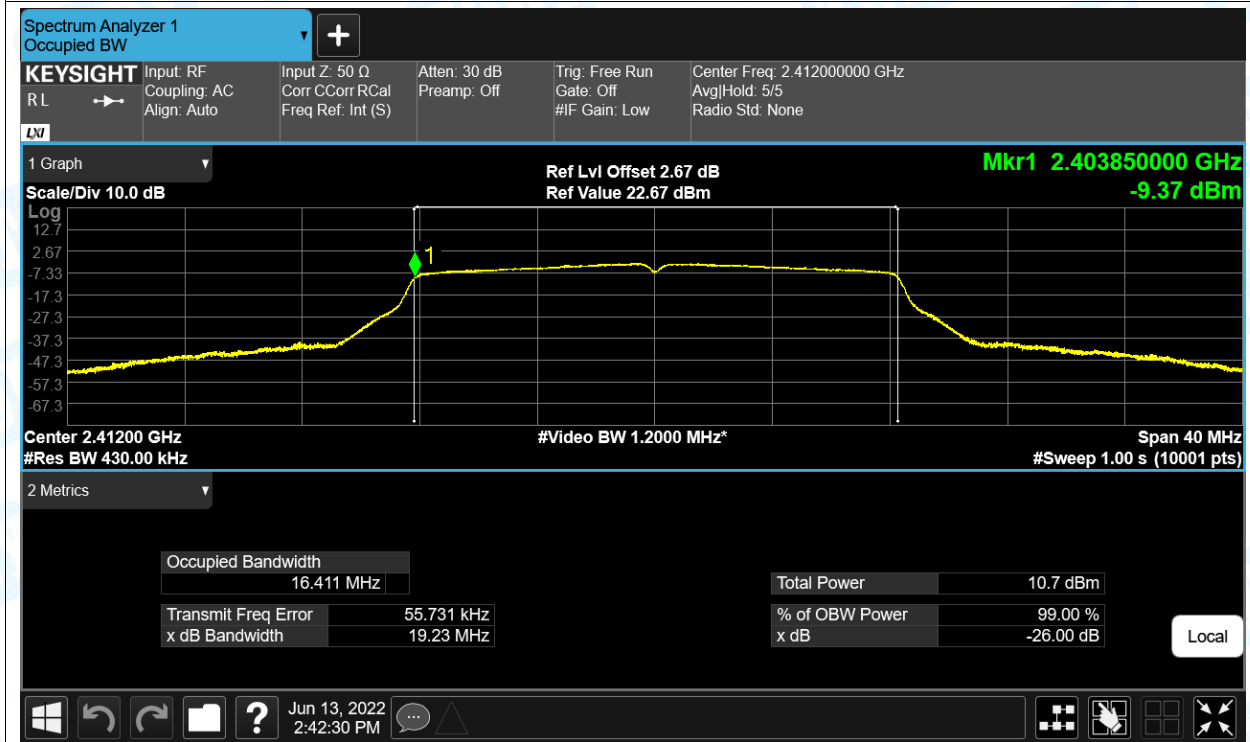
OBW NVNT b 2442MHz Sum



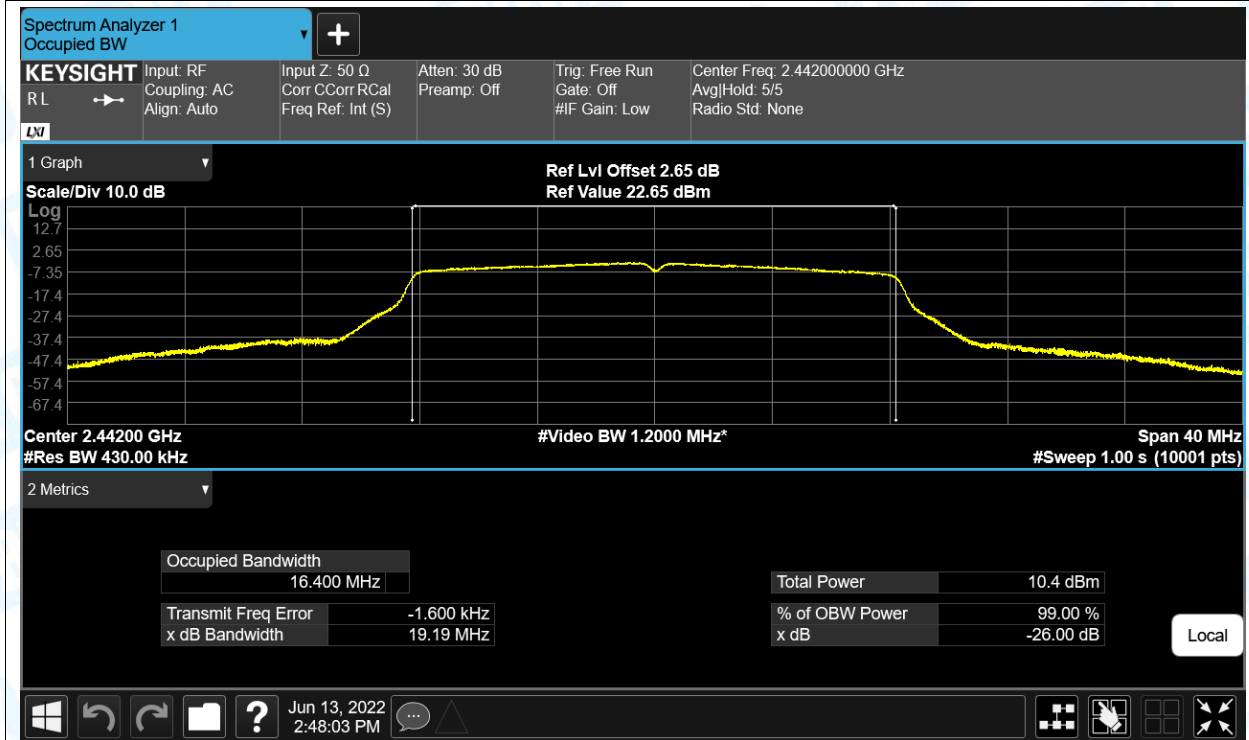
OBW NVNT b 2472MHz Sum



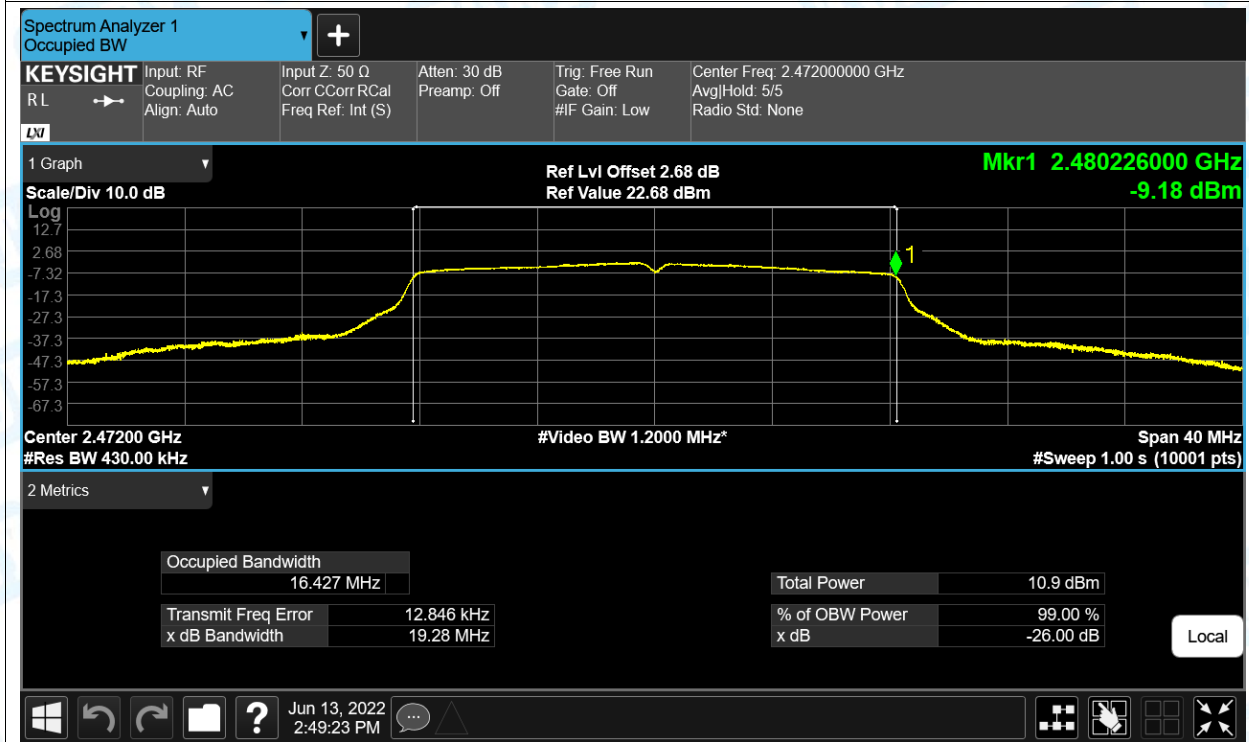
OBW NVNT g 2412MHz Sum



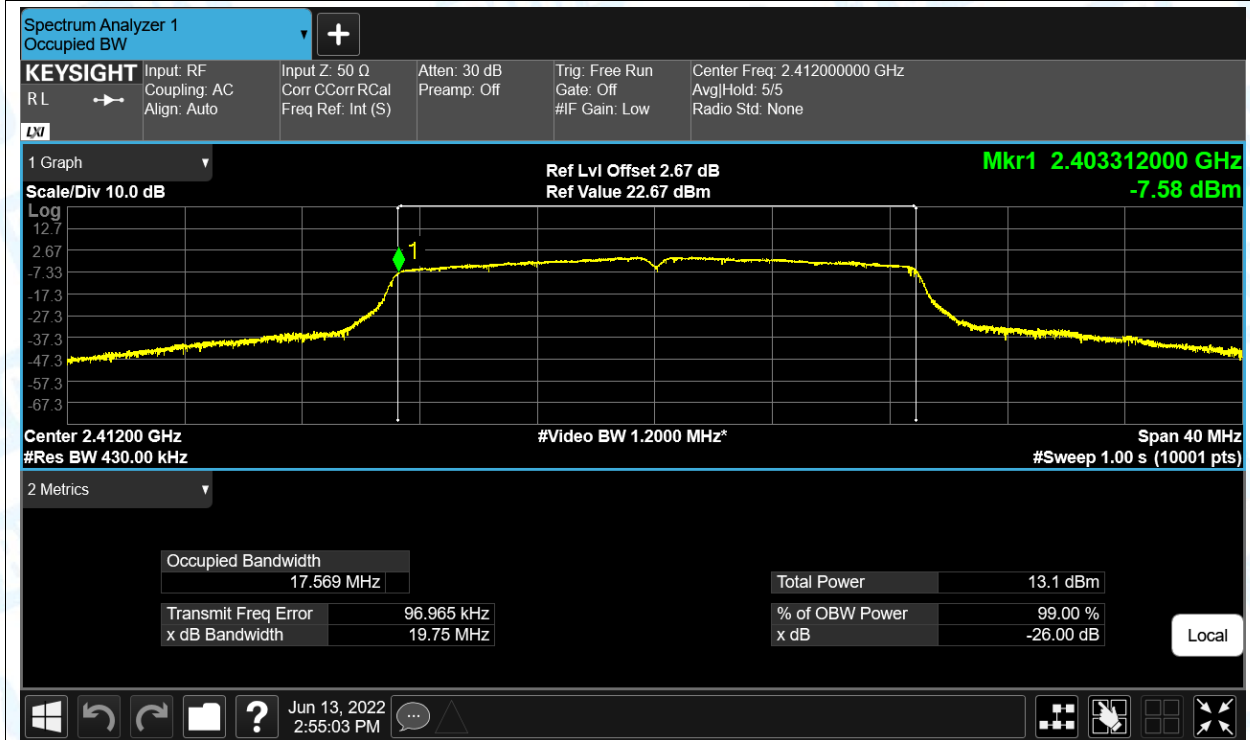
OBW NVNT g 2442MHz Sum



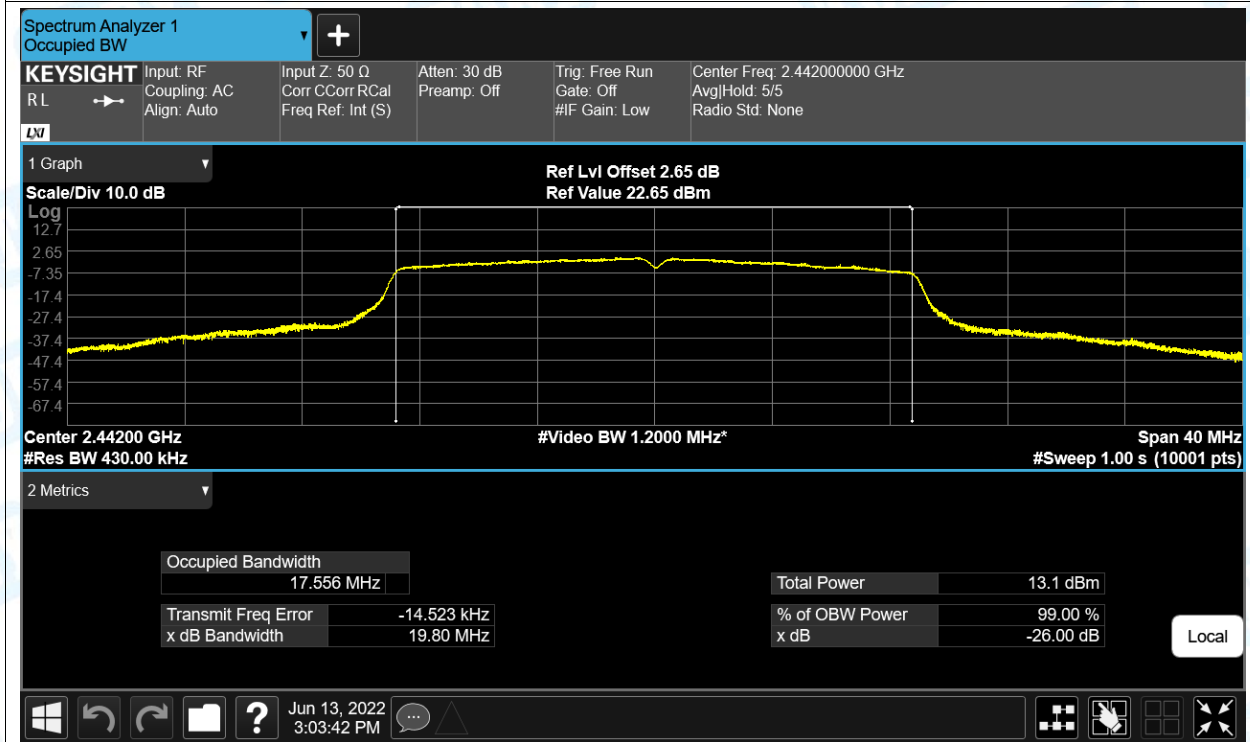
OBW NVNT g 2472MHz Sum

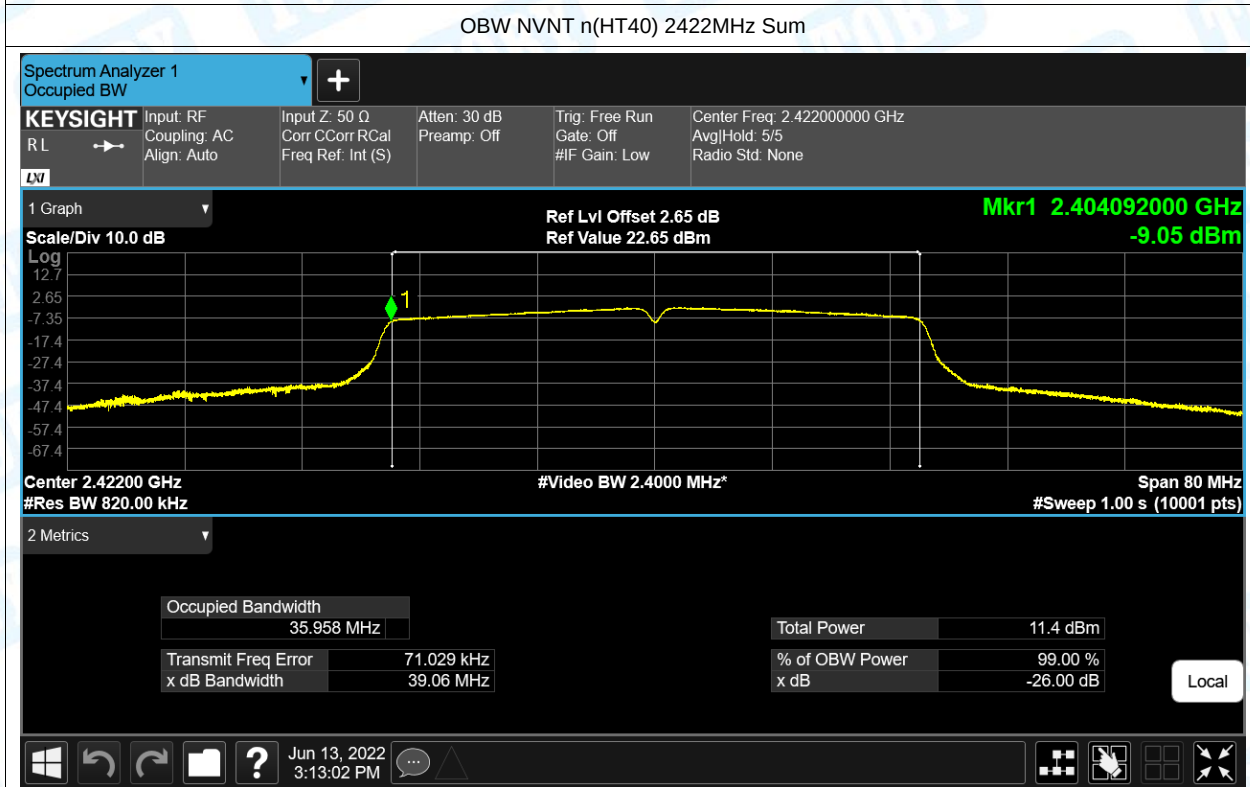
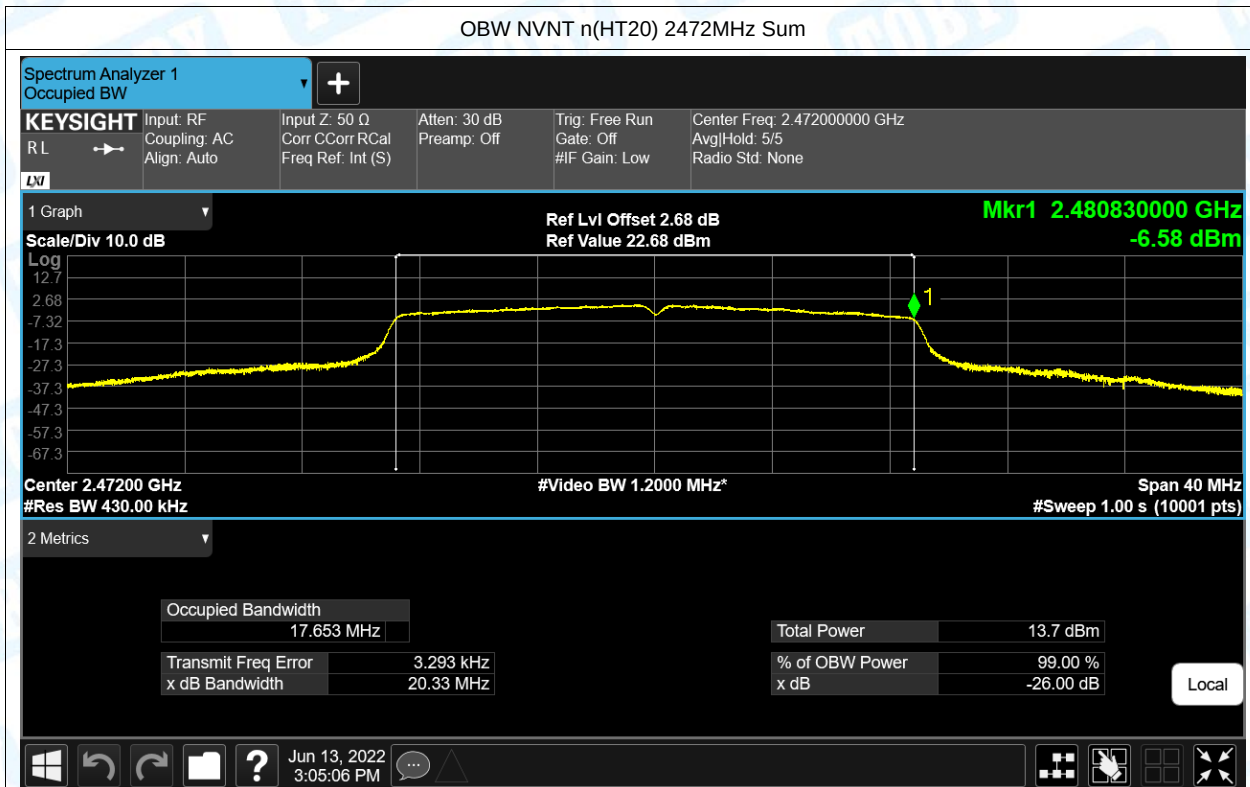


OBW NVNT n(HT20) 2412MHz Sum



OBW NVNT n(HT20) 2442MHz Sum







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	Sum	2399.5	-43.36	-10	Pass
NVNT	b	2412	Sum	2398.5	-41.49	-10	Pass
NVNT	b	2412	Sum	2397.5	-42.15	-10	Pass
NVNT	b	2412	Sum	2396.5	-41.6	-10	Pass
NVNT	b	2412	Sum	2395.5	-46.26	-10	Pass
NVNT	b	2412	Sum	2394.5	-48.25	-10	Pass
NVNT	b	2412	Sum	2393.5	-50.29	-10	Pass
NVNT	b	2412	Sum	2392.5	-51.93	-10	Pass
NVNT	b	2412	Sum	2391.5	-54.67	-10	Pass
NVNT	b	2412	Sum	2390.5	-55.37	-10	Pass
NVNT	b	2412	Sum	2389.5	-56.27	-10	Pass
NVNT	b	2412	Sum	2388.5	-56.78	-10	Pass
NVNT	b	2412	Sum	2387.5	-56.46	-10	Pass
NVNT	b	2412	Sum	2386.5	-56.6	-10	Pass
NVNT	b	2412	Sum	2386.251	-56.71	-10	Pass
NVNT	b	2412	Sum	2385.251	-56.68	-20	Pass
NVNT	b	2412	Sum	2384.251	-56.92	-20	Pass
NVNT	b	2412	Sum	2383.251	-57.31	-20	Pass
NVNT	b	2412	Sum	2382.251	-57.15	-20	Pass
NVNT	b	2412	Sum	2381.251	-57.84	-20	Pass
NVNT	b	2412	Sum	2380.251	-57.52	-20	Pass
NVNT	b	2412	Sum	2379.251	-57.65	-20	Pass
NVNT	b	2412	Sum	2378.251	-57.32	-20	Pass
NVNT	b	2412	Sum	2377.251	-57.15	-20	Pass
NVNT	b	2412	Sum	2376.251	-57.83	-20	Pass
NVNT	b	2412	Sum	2375.251	-57.79	-20	Pass
NVNT	b	2412	Sum	2374.251	-57.8	-20	Pass
NVNT	b	2412	Sum	2373.251	-57.13	-20	Pass
NVNT	b	2412	Sum	2372.251	-57.13	-20	Pass
NVNT	b	2412	Sum	2372.002	-57.3	-20	Pass
NVNT	b	2472	Sum	2484	-45.12	-10	Pass
NVNT	b	2472	Sum	2485	-44.28	-10	Pass
NVNT	b	2472	Sum	2486	-44.04	-10	Pass
NVNT	b	2472	Sum	2487	-43.34	-10	Pass
NVNT	b	2472	Sum	2488	-44.56	-10	Pass
NVNT	b	2472	Sum	2489	-48.55	-10	Pass
NVNT	b	2472	Sum	2490	-51.14	-10	Pass
NVNT	b	2472	Sum	2491	-50.54	-10	Pass
NVNT	b	2472	Sum	2492	-52.62	-10	Pass
NVNT	b	2472	Sum	2493	-55.88	-10	Pass
NVNT	b	2472	Sum	2494	-56.43	-10	Pass
NVNT	b	2472	Sum	2495	-57.11	-10	Pass
NVNT	b	2472	Sum	2496	-56.9	-10	Pass
NVNT	b	2472	Sum	2497	-56.9	-10	Pass

NVNT	b	2472	Sum	2497.205	-56.87	-10	Pass
NVNT	b	2472	Sum	2498.205	-56.68	-20	Pass
NVNT	b	2472	Sum	2499.205	-57.22	-20	Pass
NVNT	b	2472	Sum	2500.205	-56.3	-20	Pass
NVNT	b	2472	Sum	2501.205	-57.51	-20	Pass
NVNT	b	2472	Sum	2502.205	-57.18	-20	Pass
NVNT	b	2472	Sum	2503.205	-57.5	-20	Pass
NVNT	b	2472	Sum	2504.205	-57.17	-20	Pass
NVNT	b	2472	Sum	2505.205	-57.74	-20	Pass
NVNT	b	2472	Sum	2506.205	-57.35	-20	Pass
NVNT	b	2472	Sum	2507.205	-57.99	-20	Pass
NVNT	b	2472	Sum	2508.205	-57.51	-20	Pass
NVNT	b	2472	Sum	2509.205	-57.44	-20	Pass
NVNT	b	2472	Sum	2510.205	-58.01	-20	Pass
NVNT	b	2472	Sum	2511.205	-57.72	-20	Pass
NVNT	b	2472	Sum	2511.41	-57.65	-20	Pass
NVNT	g	2412	Sum	2399.5	-34.96	-10	Pass
NVNT	g	2412	Sum	2398.5	-35.98	-10	Pass
NVNT	g	2412	Sum	2397.5	-37.38	-10	Pass
NVNT	g	2412	Sum	2396.5	-39.04	-10	Pass
NVNT	g	2412	Sum	2395.5	-39.97	-10	Pass
NVNT	g	2412	Sum	2394.5	-40.85	-10	Pass
NVNT	g	2412	Sum	2393.5	-44.35	-10	Pass
NVNT	g	2412	Sum	2392.5	-46.05	-10	Pass
NVNT	g	2412	Sum	2391.5	-47.77	-10	Pass
NVNT	g	2412	Sum	2390.5	-48.88	-10	Pass
NVNT	g	2412	Sum	2389.5	-49.8	-10	Pass
NVNT	g	2412	Sum	2388.5	-50.89	-10	Pass
NVNT	g	2412	Sum	2387.5	-51.47	-10	Pass
NVNT	g	2412	Sum	2386.5	-51.34	-10	Pass
NVNT	g	2412	Sum	2385.5	-51.62	-10	Pass
NVNT	g	2412	Sum	2384.5	-51.94	-10	Pass
NVNT	g	2412	Sum	2384.089	-51.79	-10	Pass
NVNT	g	2412	Sum	2383.089	-51.26	-20	Pass
NVNT	g	2412	Sum	2382.089	-52.13	-20	Pass
NVNT	g	2412	Sum	2381.089	-52	-20	Pass
NVNT	g	2412	Sum	2380.089	-51.93	-20	Pass
NVNT	g	2412	Sum	2379.089	-52.23	-20	Pass
NVNT	g	2412	Sum	2378.089	-52.16	-20	Pass
NVNT	g	2412	Sum	2377.089	-52	-20	Pass
NVNT	g	2412	Sum	2376.089	-51.99	-20	Pass
NVNT	g	2412	Sum	2375.089	-52.35	-20	Pass
NVNT	g	2412	Sum	2374.089	-52.18	-20	Pass
NVNT	g	2412	Sum	2373.089	-52.08	-20	Pass
NVNT	g	2412	Sum	2372.089	-52.2	-20	Pass
NVNT	g	2412	Sum	2371.089	-52.08	-20	Pass
NVNT	g	2412	Sum	2370.089	-52.58	-20	Pass

NVNT	g	2412	Sum	2369.089	-52.27	-20	Pass
NVNT	g	2412	Sum	2368.089	-52.25	-20	Pass
NVNT	g	2412	Sum	2367.678	-52.68	-20	Pass
NVNT	g	2472	Sum	2484	-32.88	-10	Pass
NVNT	g	2472	Sum	2485	-33.99	-10	Pass
NVNT	g	2472	Sum	2486	-35.31	-10	Pass
NVNT	g	2472	Sum	2487	-36.5	-10	Pass
NVNT	g	2472	Sum	2488	-37.95	-10	Pass
NVNT	g	2472	Sum	2489	-39.31	-10	Pass
NVNT	g	2472	Sum	2490	-41.09	-10	Pass
NVNT	g	2472	Sum	2491	-43.09	-10	Pass
NVNT	g	2472	Sum	2492	-45.58	-10	Pass
NVNT	g	2472	Sum	2493	-47.65	-10	Pass
NVNT	g	2472	Sum	2494	-48.85	-10	Pass
NVNT	g	2472	Sum	2495	-49.85	-10	Pass
NVNT	g	2472	Sum	2496	-50.75	-10	Pass
NVNT	g	2472	Sum	2497	-51	-10	Pass
NVNT	g	2472	Sum	2498	-51.03	-10	Pass
NVNT	g	2472	Sum	2499	-50.96	-10	Pass
NVNT	g	2472	Sum	2499.427	-51.04	-10	Pass
NVNT	g	2472	Sum	2500.427	-51.13	-20	Pass
NVNT	g	2472	Sum	2501.427	-51.31	-20	Pass
NVNT	g	2472	Sum	2502.427	-51.44	-20	Pass
NVNT	g	2472	Sum	2503.427	-51.24	-20	Pass
NVNT	g	2472	Sum	2504.427	-51.47	-20	Pass
NVNT	g	2472	Sum	2505.427	-51.38	-20	Pass
NVNT	g	2472	Sum	2506.427	-51.59	-20	Pass
NVNT	g	2472	Sum	2507.427	-51.57	-20	Pass
NVNT	g	2472	Sum	2508.427	-51.6	-20	Pass
NVNT	g	2472	Sum	2509.427	-51.61	-20	Pass
NVNT	g	2472	Sum	2510.427	-51.7	-20	Pass
NVNT	g	2472	Sum	2511.427	-51.62	-20	Pass
NVNT	g	2472	Sum	2512.427	-51.53	-20	Pass
NVNT	g	2472	Sum	2513.427	-51.73	-20	Pass
NVNT	g	2472	Sum	2514.427	-51.78	-20	Pass
NVNT	g	2472	Sum	2515.427	-52.03	-20	Pass
NVNT	g	2472	Sum	2515.854	-51.98	-20	Pass
NVNT	n(HT20)	2412	Sum	2399.5	-28.2	-10	Pass
NVNT	n(HT20)	2412	Sum	2398.5	-28.78	-10	Pass
NVNT	n(HT20)	2412	Sum	2397.5	-29.85	-10	Pass
NVNT	n(HT20)	2412	Sum	2396.5	-30.66	-10	Pass
NVNT	n(HT20)	2412	Sum	2395.5	-31.96	-10	Pass
NVNT	n(HT20)	2412	Sum	2394.5	-34.28	-10	Pass
NVNT	n(HT20)	2412	Sum	2393.5	-35.18	-10	Pass
NVNT	n(HT20)	2412	Sum	2392.5	-36.92	-10	Pass
NVNT	n(HT20)	2412	Sum	2391.5	-38.51	-10	Pass
NVNT	n(HT20)	2412	Sum	2390.5	-40.64	-10	Pass

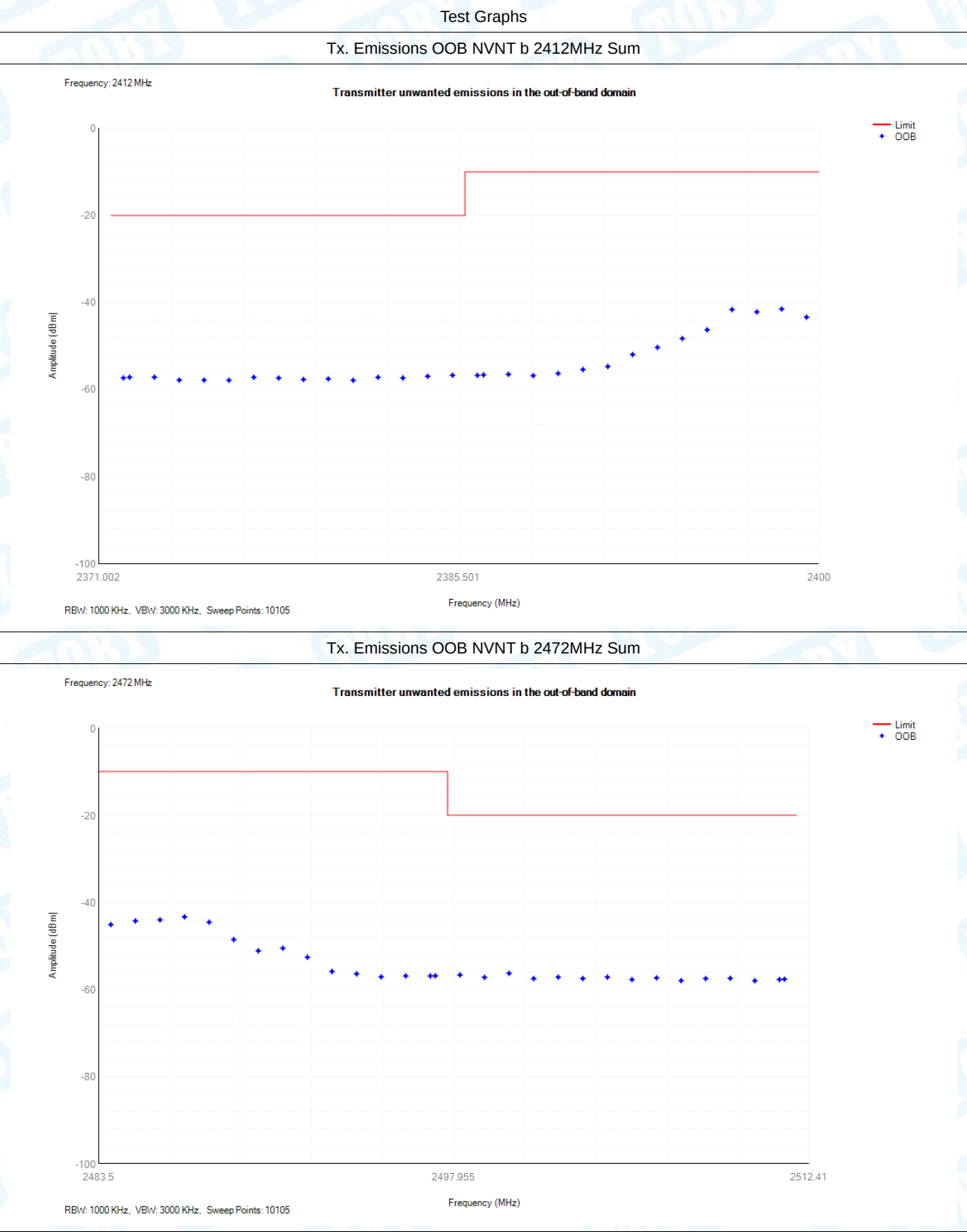
NVNT	n(HT20)	2412	Sum	2389.5	-43.59	-10	Pass
NVNT	n(HT20)	2412	Sum	2388.5	-45.09	-10	Pass
NVNT	n(HT20)	2412	Sum	2387.5	-47.52	-10	Pass
NVNT	n(HT20)	2412	Sum	2386.5	-49.04	-10	Pass
NVNT	n(HT20)	2412	Sum	2385.5	-50.08	-10	Pass
NVNT	n(HT20)	2412	Sum	2384.5	-50.27	-10	Pass
NVNT	n(HT20)	2412	Sum	2383.5	-50.83	-10	Pass
NVNT	n(HT20)	2412	Sum	2382.931	-50.84	-10	Pass
NVNT	n(HT20)	2412	Sum	2381.931	-51.05	-20	Pass
NVNT	n(HT20)	2412	Sum	2380.931	-51.19	-20	Pass
NVNT	n(HT20)	2412	Sum	2379.931	-51.31	-20	Pass
NVNT	n(HT20)	2412	Sum	2378.931	-51.26	-20	Pass
NVNT	n(HT20)	2412	Sum	2377.931	-51.39	-20	Pass
NVNT	n(HT20)	2412	Sum	2376.931	-51.41	-20	Pass
NVNT	n(HT20)	2412	Sum	2375.931	-51.57	-20	Pass
NVNT	n(HT20)	2412	Sum	2374.931	-51.47	-20	Pass
NVNT	n(HT20)	2412	Sum	2373.931	-51.66	-20	Pass
NVNT	n(HT20)	2412	Sum	2372.931	-51.89	-20	Pass
NVNT	n(HT20)	2412	Sum	2371.931	-51.8	-20	Pass
NVNT	n(HT20)	2412	Sum	2370.931	-51.98	-20	Pass
NVNT	n(HT20)	2412	Sum	2369.931	-52.1	-20	Pass
NVNT	n(HT20)	2412	Sum	2368.931	-51.86	-20	Pass
NVNT	n(HT20)	2412	Sum	2367.931	-52.12	-20	Pass
NVNT	n(HT20)	2412	Sum	2366.931	-52.11	-20	Pass
NVNT	n(HT20)	2412	Sum	2365.931	-52.02	-20	Pass
NVNT	n(HT20)	2412	Sum	2365.362	-52.2	-20	Pass
NVNT	n(HT20)	2472	Sum	2484	-23.49	-10	Pass
NVNT	n(HT20)	2472	Sum	2485	-24.94	-10	Pass
NVNT	n(HT20)	2472	Sum	2486	-25.82	-10	Pass
NVNT	n(HT20)	2472	Sum	2487	-27.14	-10	Pass
NVNT	n(HT20)	2472	Sum	2488	-28.36	-10	Pass
NVNT	n(HT20)	2472	Sum	2489	-29.54	-10	Pass
NVNT	n(HT20)	2472	Sum	2490	-31.5	-10	Pass
NVNT	n(HT20)	2472	Sum	2491	-32.89	-10	Pass
NVNT	n(HT20)	2472	Sum	2492	-33.92	-10	Pass
NVNT	n(HT20)	2472	Sum	2493	-36.49	-10	Pass
NVNT	n(HT20)	2472	Sum	2494	-38.95	-10	Pass
NVNT	n(HT20)	2472	Sum	2495	-41.24	-10	Pass
NVNT	n(HT20)	2472	Sum	2496	-43.32	-10	Pass
NVNT	n(HT20)	2472	Sum	2497	-45.63	-10	Pass
NVNT	n(HT20)	2472	Sum	2498	-47.22	-10	Pass
NVNT	n(HT20)	2472	Sum	2499	-48.27	-10	Pass
NVNT	n(HT20)	2472	Sum	2500	-48.37	-10	Pass
NVNT	n(HT20)	2472	Sum	2500.653	-48.63	-10	Pass
NVNT	n(HT20)	2472	Sum	2501.653	-48.67	-20	Pass
NVNT	n(HT20)	2472	Sum	2502.653	-48.76	-20	Pass
NVNT	n(HT20)	2472	Sum	2503.653	-48.68	-20	Pass

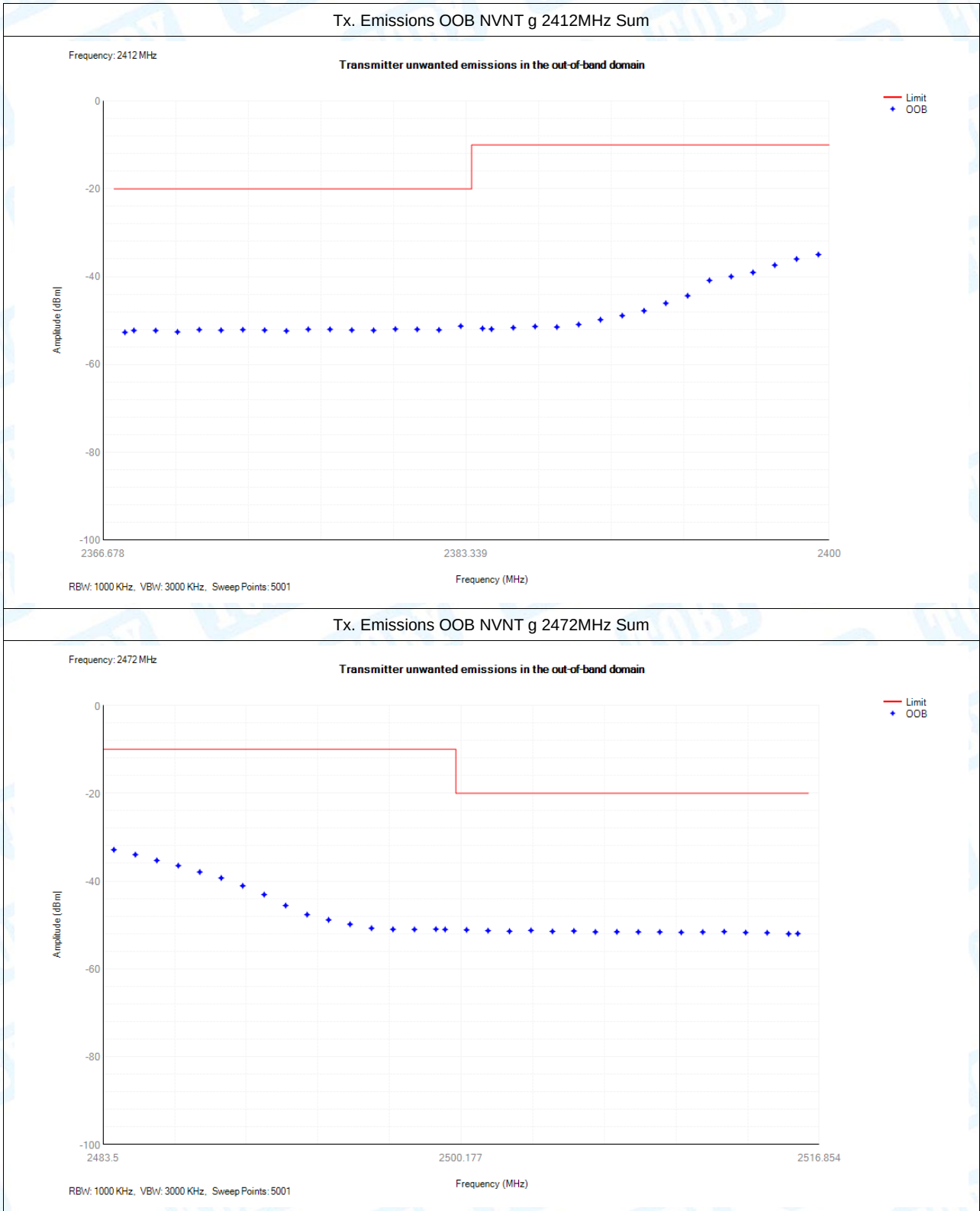
NVNT	n(HT20)	2472	Sum	2504.653	-48.94	-20	Pass
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NVNT	n(HT20)	2472	Sum	2506.653	-49.05	-20	Pass
NVNT	n(HT20)	2472	Sum	2507.653	-49.19	-20	Pass
NVNT	n(HT20)	2472	Sum	2508.653	-49.09	-20	Pass
NVNT	n(HT20)	2472	Sum	2509.653	-49.21	-20	Pass
NVNT	n(HT20)	2472	Sum	2510.653	-49.3	-20	Pass
NVNT	n(HT20)	2472	Sum	2511.653	-49.36	-20	Pass
NVNT	n(HT20)	2472	Sum	2512.653	-49.4	-20	Pass
NVNT	n(HT20)	2472	Sum	2513.653	-49.56	-20	Pass
NVNT	n(HT20)	2472	Sum	2514.653	-49.58	-20	Pass
NVNT	n(HT20)	2472	Sum	2515.653	-49.39	-20	Pass
NVNT	n(HT20)	2472	Sum	2516.653	-49.58	-20	Pass
NVNT	n(HT20)	2472	Sum	2517.653	-49.74	-20	Pass
NVNT	n(HT20)	2472	Sum	2518.306	-49.76	-20	Pass
NVNT	n(HT40)	2422	Sum	2399.5	-34.56	-10	Pass
NVNT	n(HT40)	2422	Sum	2398.5	-35.17	-10	Pass
NVNT	n(HT40)	2422	Sum	2397.5	-35.47	-10	Pass
NVNT	n(HT40)	2422	Sum	2396.5	-36.47	-10	Pass
NVNT	n(HT40)	2422	Sum	2395.5	-36.43	-10	Pass
NVNT	n(HT40)	2422	Sum	2394.5	-37.3	-10	Pass
NVNT	n(HT40)	2422	Sum	2393.5	-37.63	-10	Pass
NVNT	n(HT40)	2422	Sum	2392.5	-38.7	-10	Pass
NVNT	n(HT40)	2422	Sum	2391.5	-39.3	-10	Pass
NVNT	n(HT40)	2422	Sum	2390.5	-39.32	-10	Pass
NVNT	n(HT40)	2422	Sum	2389.5	-39.24	-10	Pass
NVNT	n(HT40)	2422	Sum	2388.5	-40.38	-10	Pass
NVNT	n(HT40)	2422	Sum	2387.5	-41.76	-10	Pass
NVNT	n(HT40)	2422	Sum	2386.5	-41.83	-10	Pass
NVNT	n(HT40)	2422	Sum	2385.5	-42.21	-10	Pass
NVNT	n(HT40)	2422	Sum	2384.5	-43.27	-10	Pass
NVNT	n(HT40)	2422	Sum	2383.5	-44.34	-10	Pass
NVNT	n(HT40)	2422	Sum	2382.5	-45.26	-10	Pass
NVNT	n(HT40)	2422	Sum	2381.5	-46.49	-10	Pass
NVNT	n(HT40)	2422	Sum	2380.5	-47.06	-10	Pass
NVNT	n(HT40)	2422	Sum	2379.5	-48.03	-10	Pass
NVNT	n(HT40)	2422	Sum	2378.5	-47.74	-10	Pass
NVNT	n(HT40)	2422	Sum	2377.5	-48.93	-10	Pass
NVNT	n(HT40)	2422	Sum	2376.5	-49.98	-10	Pass
NVNT	n(HT40)	2422	Sum	2375.5	-50.04	-10	Pass
NVNT	n(HT40)	2422	Sum	2374.5	-50.52	-10	Pass
NVNT	n(HT40)	2422	Sum	2373.5	-50.92	-10	Pass
NVNT	n(HT40)	2422	Sum	2372.5	-51.44	-10	Pass
NVNT	n(HT40)	2422	Sum	2371.5	-51.68	-10	Pass
NVNT	n(HT40)	2422	Sum	2370.5	-51.97	-10	Pass
NVNT	n(HT40)	2422	Sum	2369.5	-52.19	-10	Pass
NVNT	n(HT40)	2422	Sum	2368.5	-52.56	-10	Pass

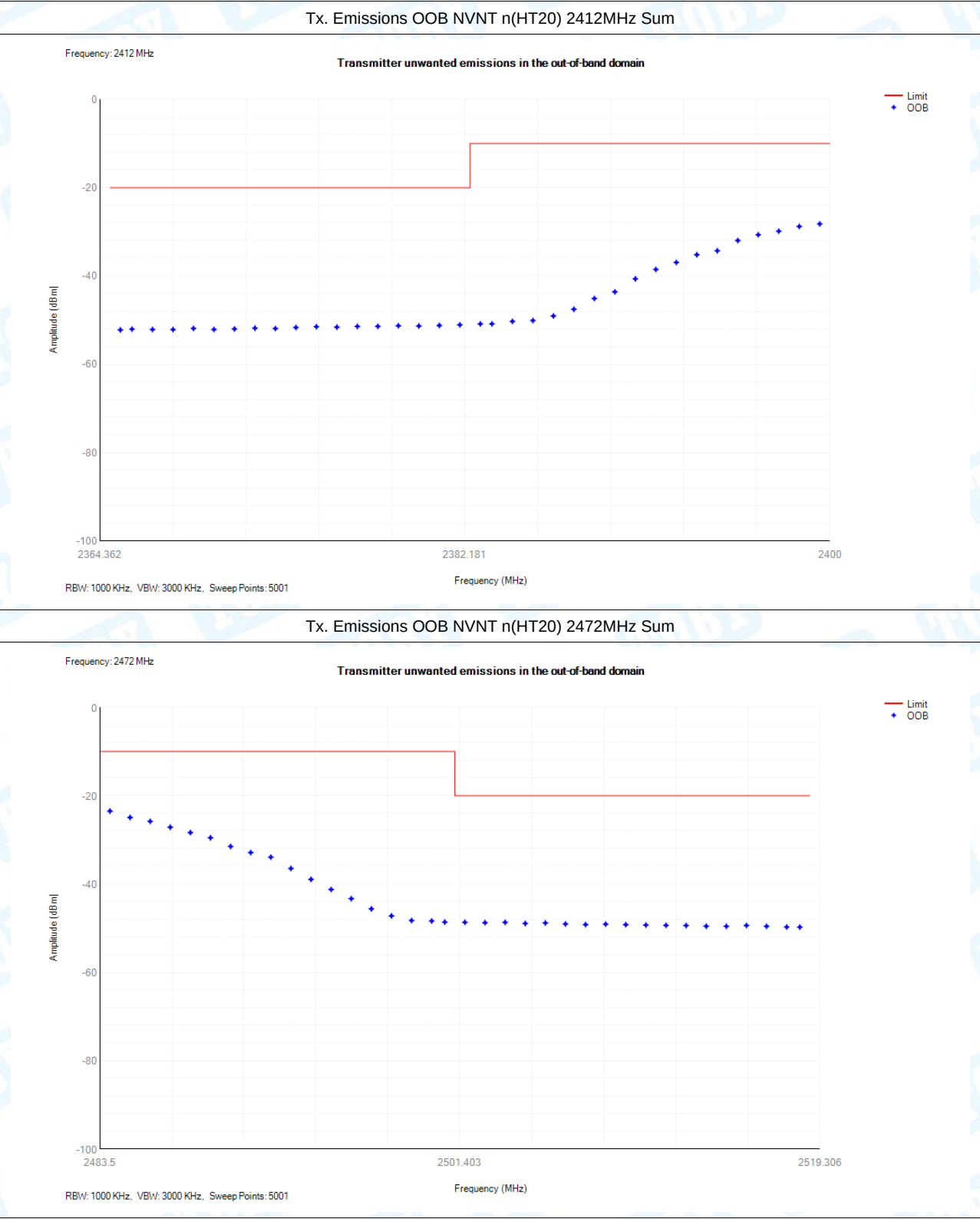
NVNT	n(HT40)	2422	Sum	2367.5	-52.48	-10	Pass
NVNT	n(HT40)	2422	Sum	2366.5	-52.6	-10	Pass
NVNT	n(HT40)	2422	Sum	2365.5	-52.52	-10	Pass
NVNT	n(HT40)	2422	Sum	2364.542	-53	-10	Pass
NVNT	n(HT40)	2422	Sum	2363.542	-52.91	-20	Pass
NVNT	n(HT40)	2422	Sum	2362.542	-53.17	-20	Pass
NVNT	n(HT40)	2422	Sum	2361.542	-53.21	-20	Pass
NVNT	n(HT40)	2422	Sum	2360.542	-53.07	-20	Pass
NVNT	n(HT40)	2422	Sum	2359.542	-53.43	-20	Pass
NVNT	n(HT40)	2422	Sum	2358.542	-53.33	-20	Pass
NVNT	n(HT40)	2422	Sum	2357.542	-53.18	-20	Pass
NVNT	n(HT40)	2422	Sum	2356.542	-53.14	-20	Pass
NVNT	n(HT40)	2422	Sum	2355.542	-53.34	-20	Pass
NVNT	n(HT40)	2422	Sum	2354.542	-53.37	-20	Pass
NVNT	n(HT40)	2422	Sum	2353.542	-53.44	-20	Pass
NVNT	n(HT40)	2422	Sum	2352.542	-53.56	-20	Pass
NVNT	n(HT40)	2422	Sum	2351.542	-53.6	-20	Pass
NVNT	n(HT40)	2422	Sum	2350.542	-54.08	-20	Pass
NVNT	n(HT40)	2422	Sum	2349.542	-53.83	-20	Pass
NVNT	n(HT40)	2422	Sum	2348.542	-53.79	-20	Pass
NVNT	n(HT40)	2422	Sum	2347.542	-54.06	-20	Pass
NVNT	n(HT40)	2422	Sum	2346.542	-53.97	-20	Pass
NVNT	n(HT40)	2422	Sum	2345.542	-53.89	-20	Pass
NVNT	n(HT40)	2422	Sum	2344.542	-53.9	-20	Pass
NVNT	n(HT40)	2422	Sum	2343.542	-54.68	-20	Pass
NVNT	n(HT40)	2422	Sum	2342.542	-54.45	-20	Pass
NVNT	n(HT40)	2422	Sum	2341.542	-54.38	-20	Pass
NVNT	n(HT40)	2422	Sum	2340.542	-54.52	-20	Pass
NVNT	n(HT40)	2422	Sum	2339.542	-54.47	-20	Pass
NVNT	n(HT40)	2422	Sum	2338.542	-55.02	-20	Pass
NVNT	n(HT40)	2422	Sum	2337.542	-54.85	-20	Pass
NVNT	n(HT40)	2422	Sum	2336.542	-55	-20	Pass
NVNT	n(HT40)	2422	Sum	2335.542	-54.59	-20	Pass
NVNT	n(HT40)	2422	Sum	2334.542	-55.03	-20	Pass
NVNT	n(HT40)	2422	Sum	2333.542	-55.14	-20	Pass
NVNT	n(HT40)	2422	Sum	2332.542	-55.02	-20	Pass
NVNT	n(HT40)	2422	Sum	2331.542	-55.25	-20	Pass
NVNT	n(HT40)	2422	Sum	2330.542	-55.43	-20	Pass
NVNT	n(HT40)	2422	Sum	2329.542	-55.35	-20	Pass
NVNT	n(HT40)	2422	Sum	2328.584	-55.45	-20	Pass
NVNT	n(HT40)	2462	Sum	2484	-35.32	-10	Pass
NVNT	n(HT40)	2462	Sum	2485	-36.44	-10	Pass
NVNT	n(HT40)	2462	Sum	2486	-37.11	-10	Pass
NVNT	n(HT40)	2462	Sum	2487	-37.88	-10	Pass
NVNT	n(HT40)	2462	Sum	2488	-38.59	-10	Pass
NVNT	n(HT40)	2462	Sum	2489	-39.39	-10	Pass
NVNT	n(HT40)	2462	Sum	2490	-39.9	-10	Pass

NVNT	n(HT40)	2462	Sum	2491	-40.08	-10	Pass
NVNT	n(HT40)	2462	Sum	2492	-41.22	-10	Pass
NVNT	n(HT40)	2462	Sum	2493	-42.32	-10	Pass
NVNT	n(HT40)	2462	Sum	2494	-42.6	-10	Pass
NVNT	n(HT40)	2462	Sum	2495	-43.7	-10	Pass
NVNT	n(HT40)	2462	Sum	2496	-44.58	-10	Pass
NVNT	n(HT40)	2462	Sum	2497	-45.4	-10	Pass
NVNT	n(HT40)	2462	Sum	2498	-46.13	-10	Pass
NVNT	n(HT40)	2462	Sum	2499	-46.92	-10	Pass
NVNT	n(HT40)	2462	Sum	2500	-47.49	-10	Pass
NVNT	n(HT40)	2462	Sum	2501	-48.41	-10	Pass
NVNT	n(HT40)	2462	Sum	2502	-49.14	-10	Pass
NVNT	n(HT40)	2462	Sum	2503	-49.89	-10	Pass
NVNT	n(HT40)	2462	Sum	2504	-50.46	-10	Pass
NVNT	n(HT40)	2462	Sum	2505	-51.16	-10	Pass
NVNT	n(HT40)	2462	Sum	2506	-50.96	-10	Pass
NVNT	n(HT40)	2462	Sum	2507	-51.5	-10	Pass
NVNT	n(HT40)	2462	Sum	2508	-51.47	-10	Pass
NVNT	n(HT40)	2462	Sum	2509	-51.91	-10	Pass
NVNT	n(HT40)	2462	Sum	2510	-52.09	-10	Pass
NVNT	n(HT40)	2462	Sum	2511	-52.6	-10	Pass
NVNT	n(HT40)	2462	Sum	2512	-52.62	-10	Pass
NVNT	n(HT40)	2462	Sum	2513	-52.86	-10	Pass
NVNT	n(HT40)	2462	Sum	2514	-52.93	-10	Pass
NVNT	n(HT40)	2462	Sum	2515	-53.15	-10	Pass
NVNT	n(HT40)	2462	Sum	2516	-52.89	-10	Pass
NVNT	n(HT40)	2462	Sum	2517	-53.19	-10	Pass
NVNT	n(HT40)	2462	Sum	2518	-53.47	-10	Pass
NVNT	n(HT40)	2462	Sum	2518.883	-53.55	-10	Pass
NVNT	n(HT40)	2462	Sum	2519.883	-53.84	-20	Pass
NVNT	n(HT40)	2462	Sum	2520.883	-53.96	-20	Pass
NVNT	n(HT40)	2462	Sum	2521.883	-53.71	-20	Pass
NVNT	n(HT40)	2462	Sum	2522.883	-54.21	-20	Pass
NVNT	n(HT40)	2462	Sum	2523.883	-54.18	-20	Pass
NVNT	n(HT40)	2462	Sum	2524.883	-54.13	-20	Pass
NVNT	n(HT40)	2462	Sum	2525.883	-54.33	-20	Pass
NVNT	n(HT40)	2462	Sum	2526.883	-54.24	-20	Pass
NVNT	n(HT40)	2462	Sum	2527.883	-54.42	-20	Pass
NVNT	n(HT40)	2462	Sum	2528.883	-54.56	-20	Pass
NVNT	n(HT40)	2462	Sum	2529.883	-54.46	-20	Pass
NVNT	n(HT40)	2462	Sum	2530.883	-54.82	-20	Pass
NVNT	n(HT40)	2462	Sum	2531.883	-55.01	-20	Pass
NVNT	n(HT40)	2462	Sum	2532.883	-54.89	-20	Pass
NVNT	n(HT40)	2462	Sum	2533.883	-54.97	-20	Pass
NVNT	n(HT40)	2462	Sum	2534.883	-55.02	-20	Pass
NVNT	n(HT40)	2462	Sum	2535.883	-55.16	-20	Pass
NVNT	n(HT40)	2462	Sum	2536.883	-55.17	-20	Pass

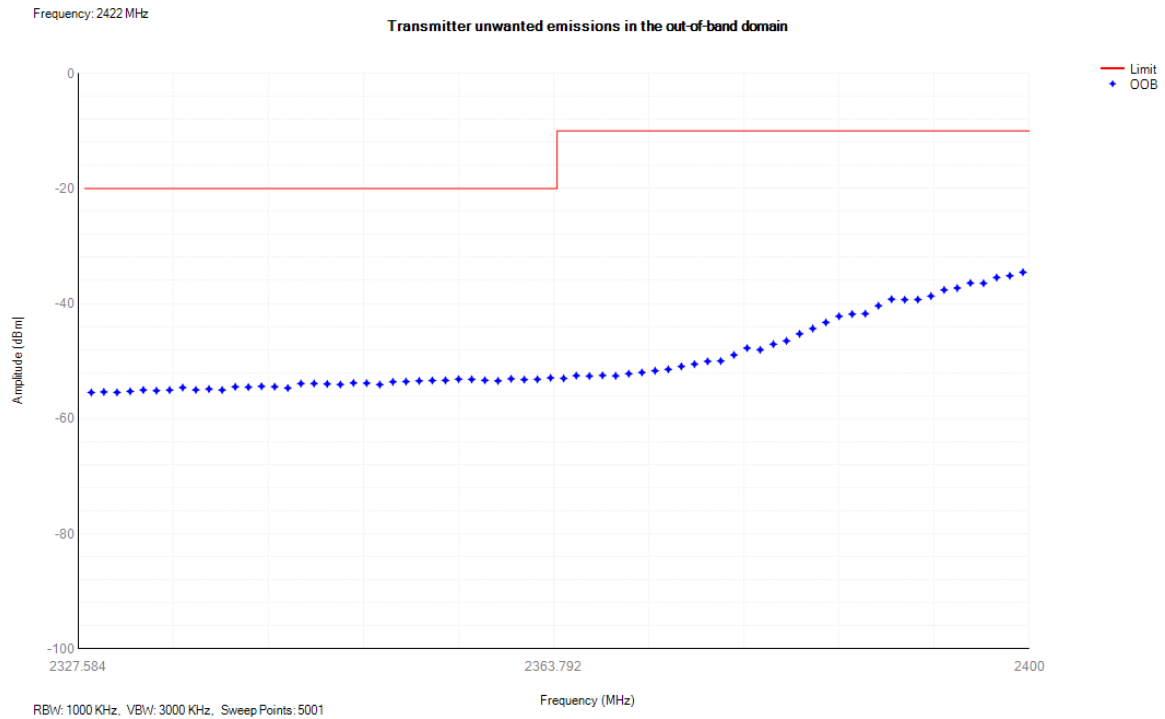
NVNT	n(HT40)	2462	Sum	2537.883	-55.32	-20	Pass
NVNT	n(HT40)	2462	Sum	2538.883	-55.67	-20	Pass
NVNT	n(HT40)	2462	Sum	2539.883	-55.53	-20	Pass
NVNT	n(HT40)	2462	Sum	2540.883	-55.49	-20	Pass
NVNT	n(HT40)	2462	Sum	2541.883	-55.63	-20	Pass
NVNT	n(HT40)	2462	Sum	2542.883	-55.81	-20	Pass
NVNT	n(HT40)	2462	Sum	2543.883	-55.97	-20	Pass
NVNT	n(HT40)	2462	Sum	2544.883	-55.64	-20	Pass
NVNT	n(HT40)	2462	Sum	2545.883	-56.03	-20	Pass
NVNT	n(HT40)	2462	Sum	2546.883	-56.08	-20	Pass
NVNT	n(HT40)	2462	Sum	2547.883	-56.61	-20	Pass
NVNT	n(HT40)	2462	Sum	2548.883	-56.56	-20	Pass
NVNT	n(HT40)	2462	Sum	2549.883	-56.49	-20	Pass
NVNT	n(HT40)	2462	Sum	2550.883	-56.56	-20	Pass
NVNT	n(HT40)	2462	Sum	2551.883	-56.7	-20	Pass
NVNT	n(HT40)	2462	Sum	2552.883	-56.87	-20	Pass
NVNT	n(HT40)	2462	Sum	2553.883	-56.89	-20	Pass
NVNT	n(HT40)	2462	Sum	2554.766	-56.77	-20	Pass



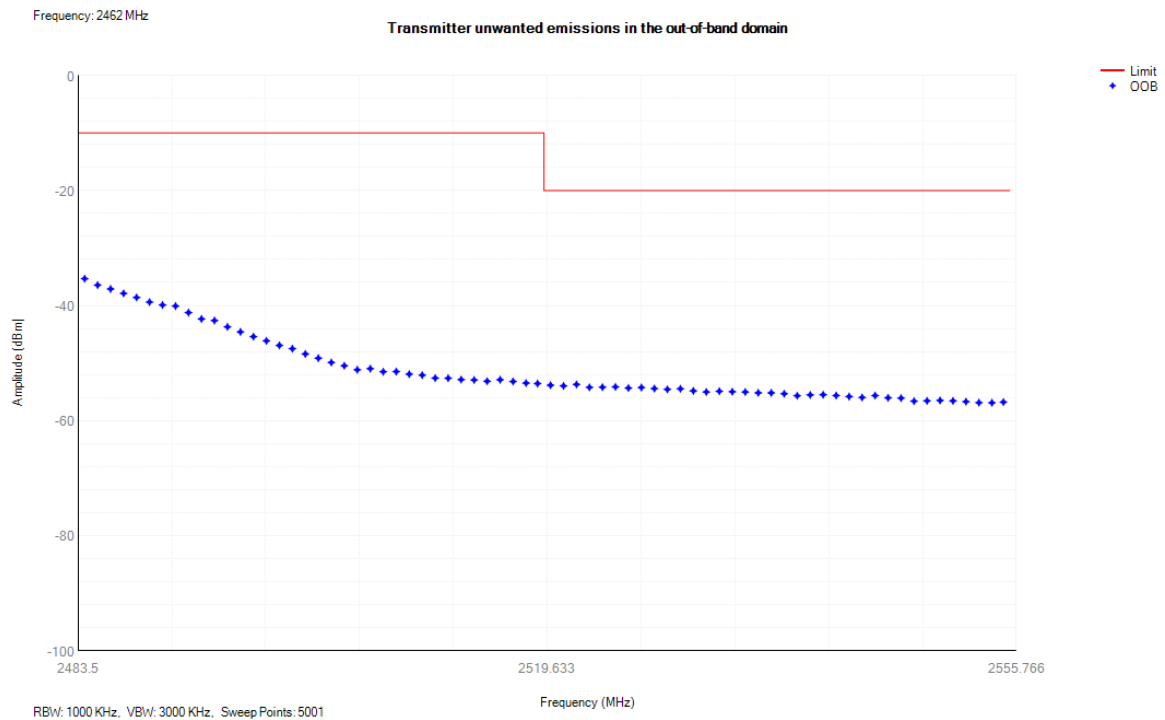




Tx. Emissions OOB NVNT n(HT40) 2422MHz Sum

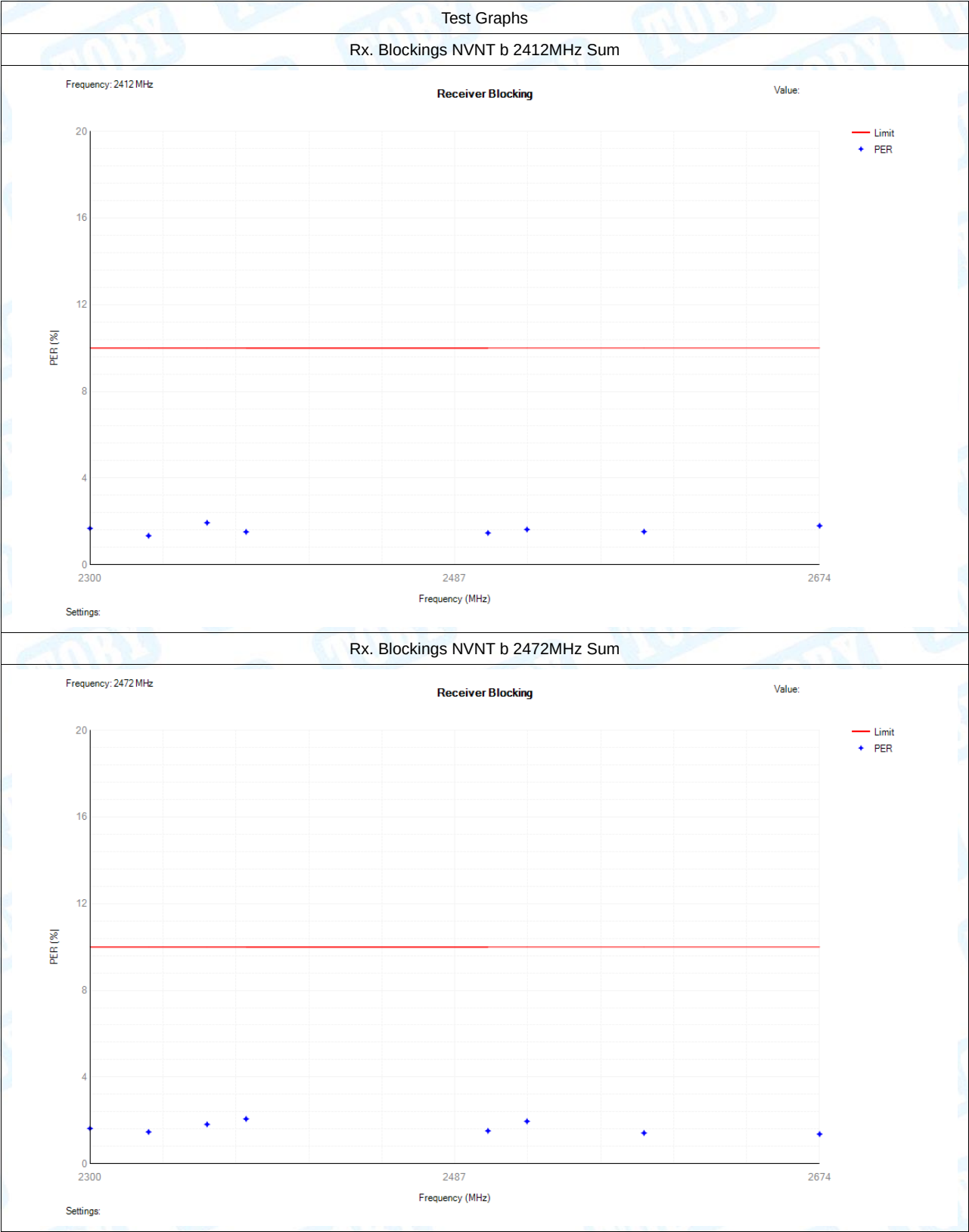


Tx. Emissions OOB NVNT n(HT40) 2462MHz Sum



6. Receiver Blocking

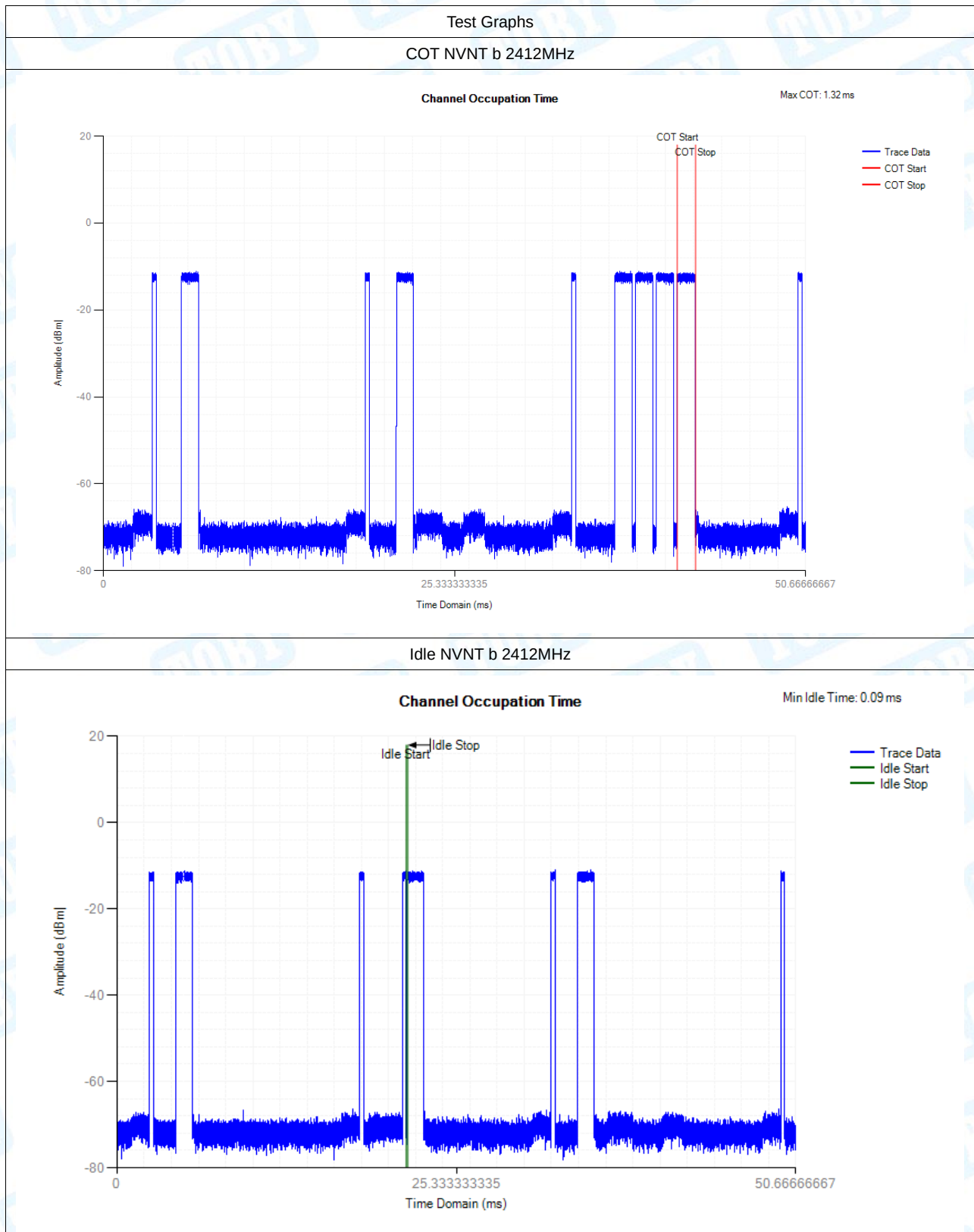
Condition	Mode	Frequency (MHz)	Antenna	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER (%)	Limit (%)	Verdict
NVNT	b	2412	Sum	-68	2380	-31	1.52	10	Pass
NVNT	b	2412	Sum	-68	2504	-31	1.47	10	Pass
NVNT	b	2412	Sum	-74	2300	-31	1.68	10	Pass
NVNT	b	2412	Sum	-74	2330	-31	1.34	10	Pass
NVNT	b	2412	Sum	-74	2360	-31	1.94	10	Pass
NVNT	b	2412	Sum	-74	2524	-31	1.63	10	Pass
NVNT	b	2412	Sum	-74	2584	-31	1.53	10	Pass
NVNT	b	2412	Sum	-74	2674	-31	1.8	10	Pass
NVNT	b	2472	Sum	-68	2380	-31	2.07	10	Pass
NVNT	b	2472	Sum	-68	2504	-31	1.52	10	Pass
NVNT	b	2472	Sum	-74	2300	-31	1.63	10	Pass
NVNT	b	2472	Sum	-74	2330	-31	1.47	10	Pass
NVNT	b	2472	Sum	-74	2360	-31	1.82	10	Pass
NVNT	b	2472	Sum	-74	2524	-31	1.96	10	Pass
NVNT	b	2472	Sum	-74	2584	-31	1.42	10	Pass
NVNT	b	2472	Sum	-74	2674	-31	1.37	10	Pass

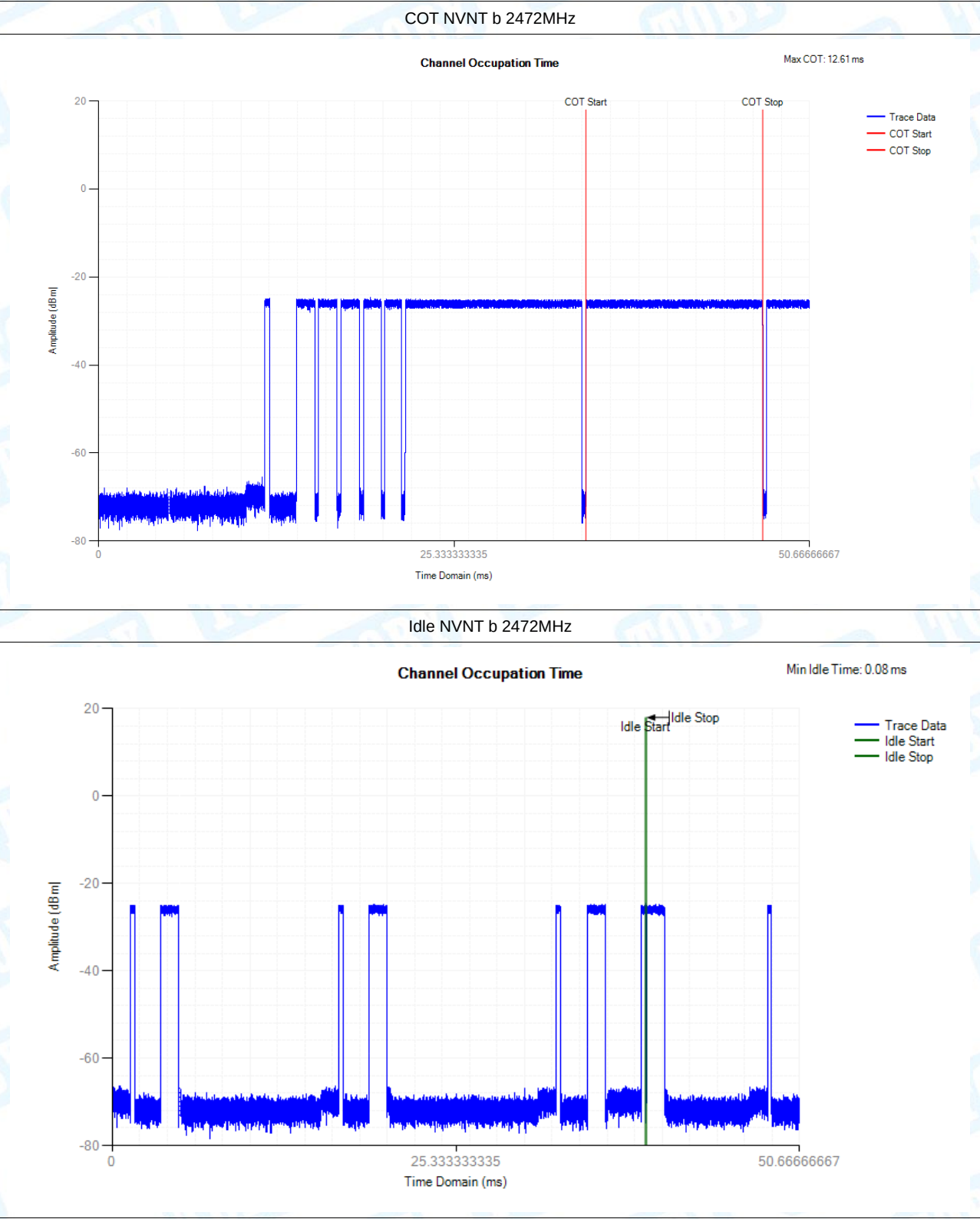


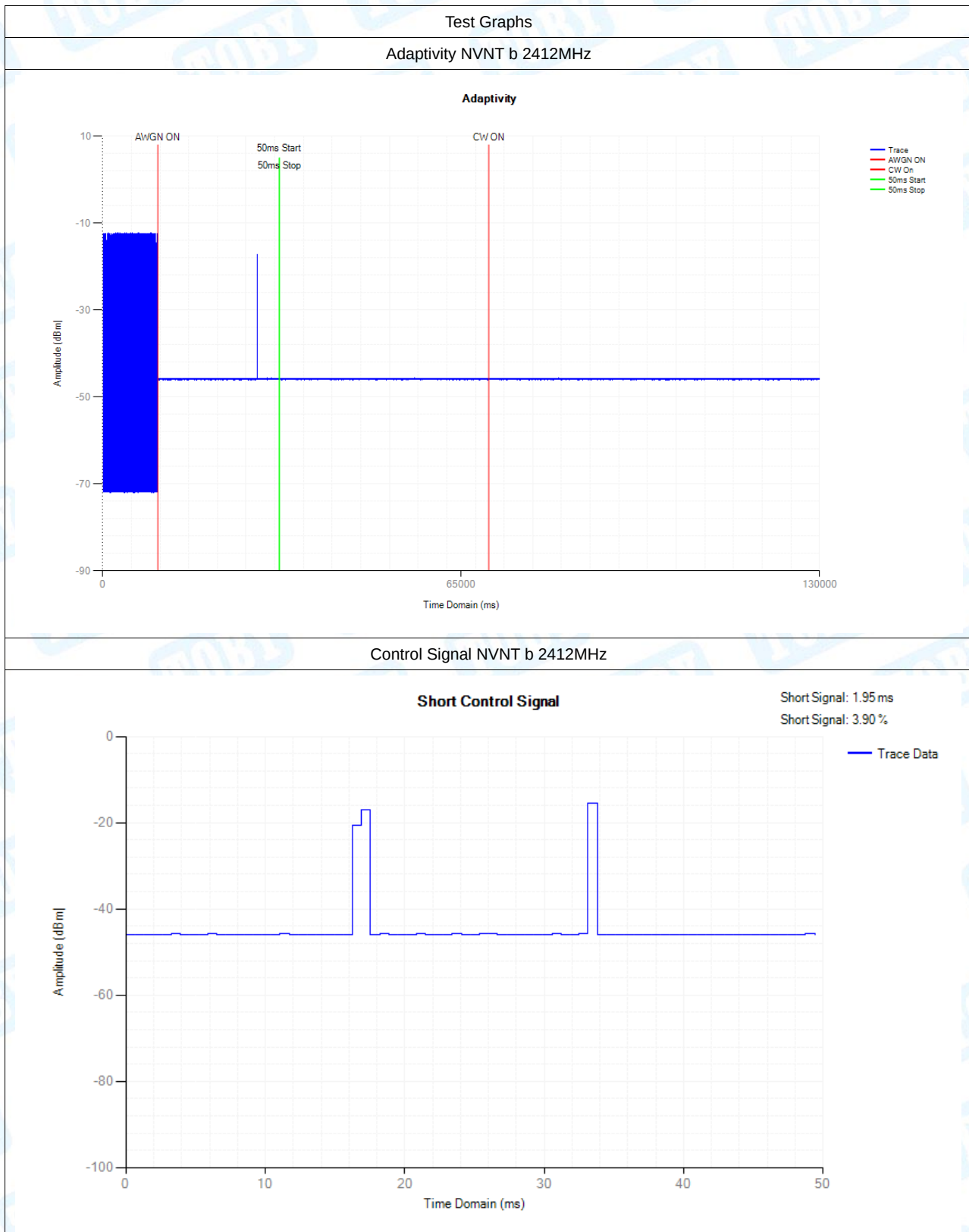
7. Adaptivity

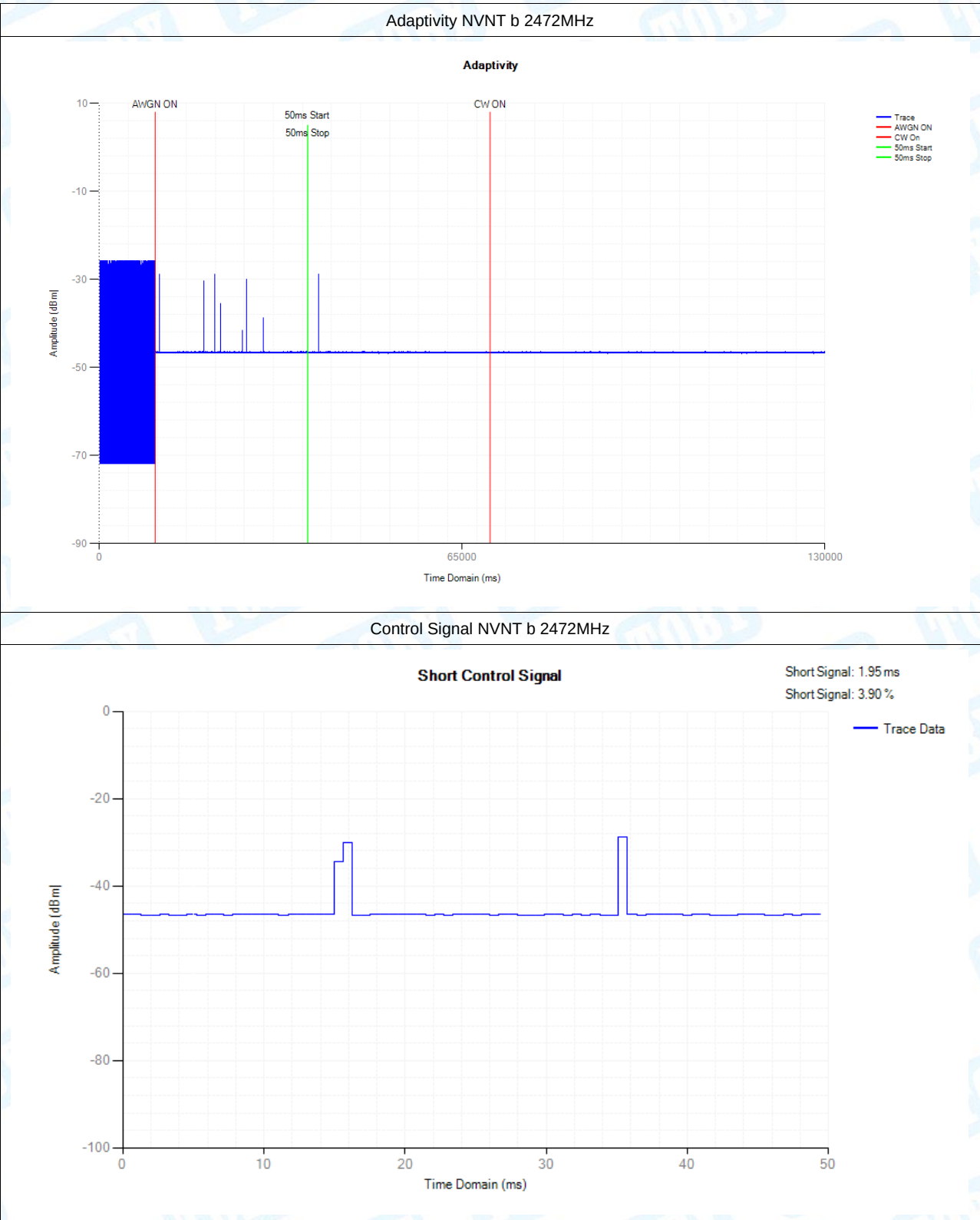
Condition	Mode	Frequency (MHz)	Antenna	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	b	2412	Ant1	1.322	<=13	0.094	>0.018	Pass
NVNT	b	2472	Ant1	12.61	<=13	0.084	>0.018	Pass

Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	b	2412	Ant1	-66.41	-35	1.95	3.9	<=10	Pass
NVNT	b	2472	Ant1	-67.26	-35	1.95	3.9	<=10	Pass









-----End of the report-----