

Appendix

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

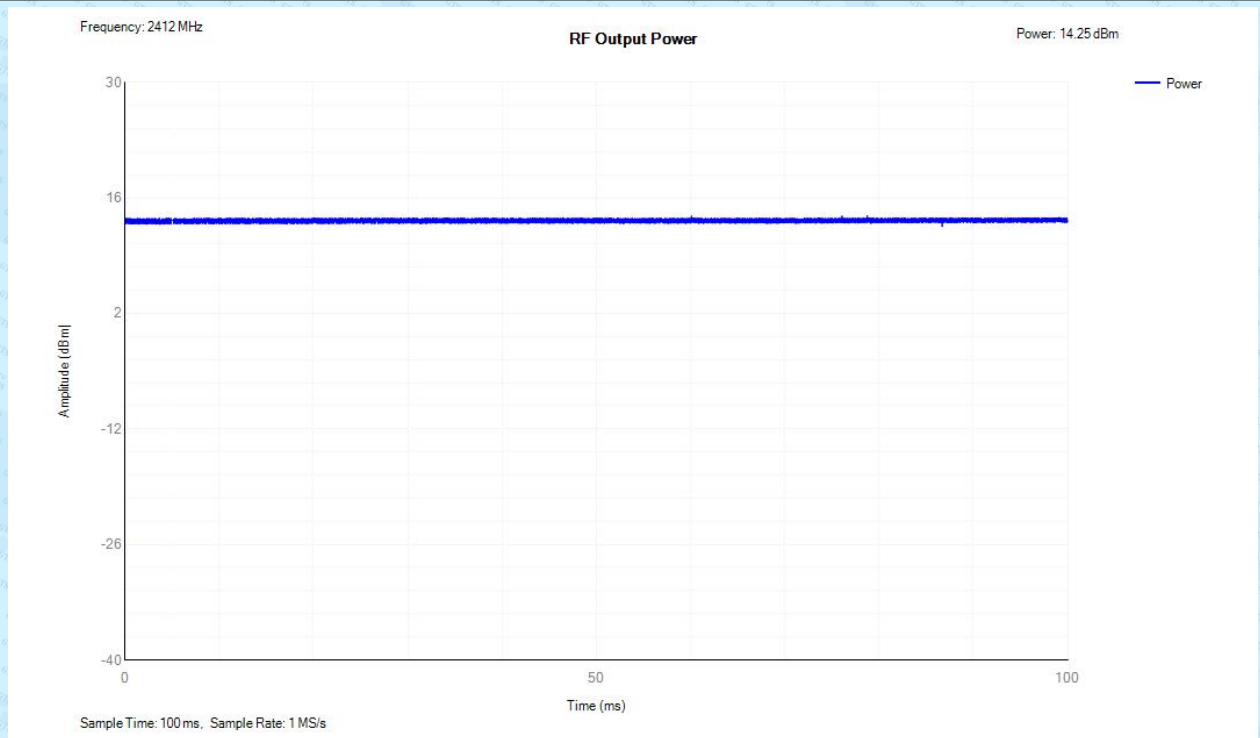
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Tx-sequence (ms)	Tx Gap (ms)	MU (%)
NVNT	b	2412	Ant1	100	100	0	21.13
		2442		100	100	0	25.06
		2472		100	100	0	18.37
	g	2412		100	100	0	25.59
		2442		100	100	0	8.63
		2472		100	100	0	14.19
	n20	2412		100	100	0	11.64
		2442		100	100	0	13.52
		2472		100	100	0	9.73
	n40	2422		100	100	0	24.38
		2442		100	100	0	16.98
		2462		100	100	0	29.38

1.1 RF Output Power

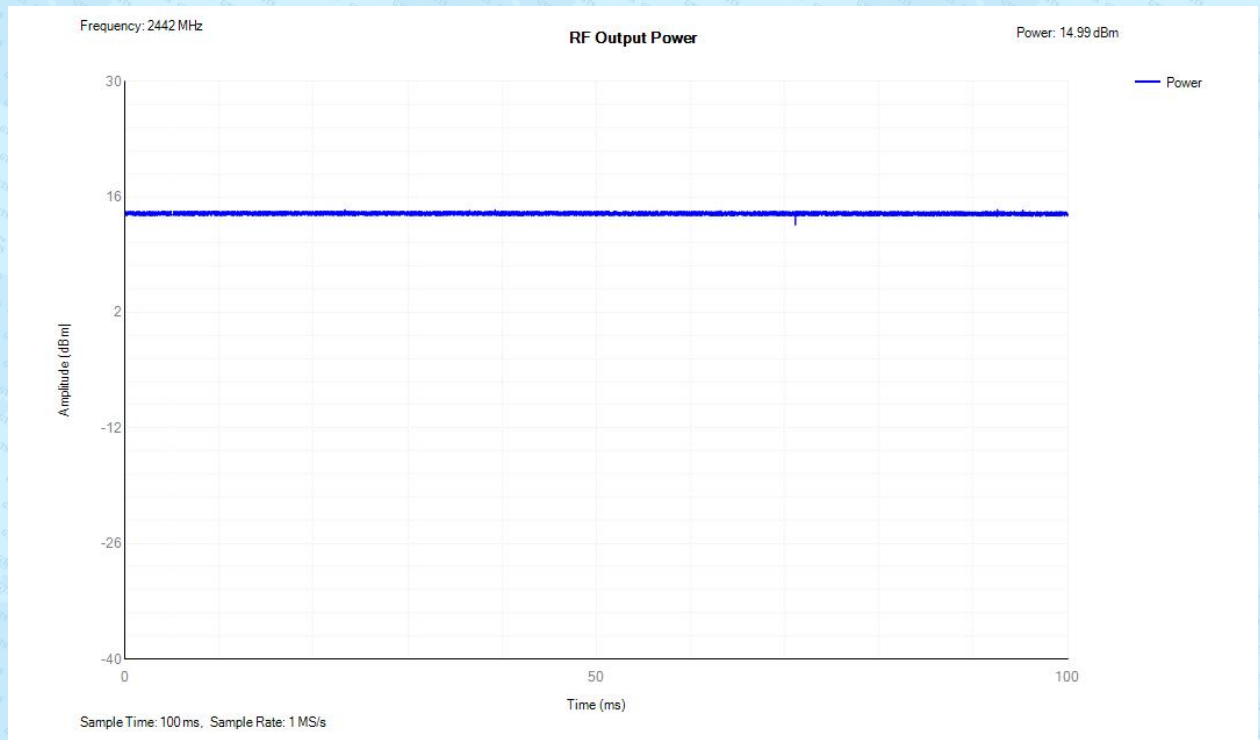
Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	13.25	1	14.25	20	Pass
		2442		13.99	1	14.99	20	Pass
		2472		12.64	1	13.64	20	Pass
	g	2412		14.08	1	15.08	20	Pass
		2442		9.36	1	10.36	20	Pass
		2472		11.52	1	12.52	20	Pass
	n20	2412		10.66	1	11.66	20	Pass
		2442		11.31	1	12.31	20	Pass
		2472		9.88	1	10.88	20	Pass
	n40	2422		13.87	1	14.87	20	Pass
		2442		12.3	1	13.3	20	Pass
		2462		14.68	1	15.68	20	Pass

Test Graphs

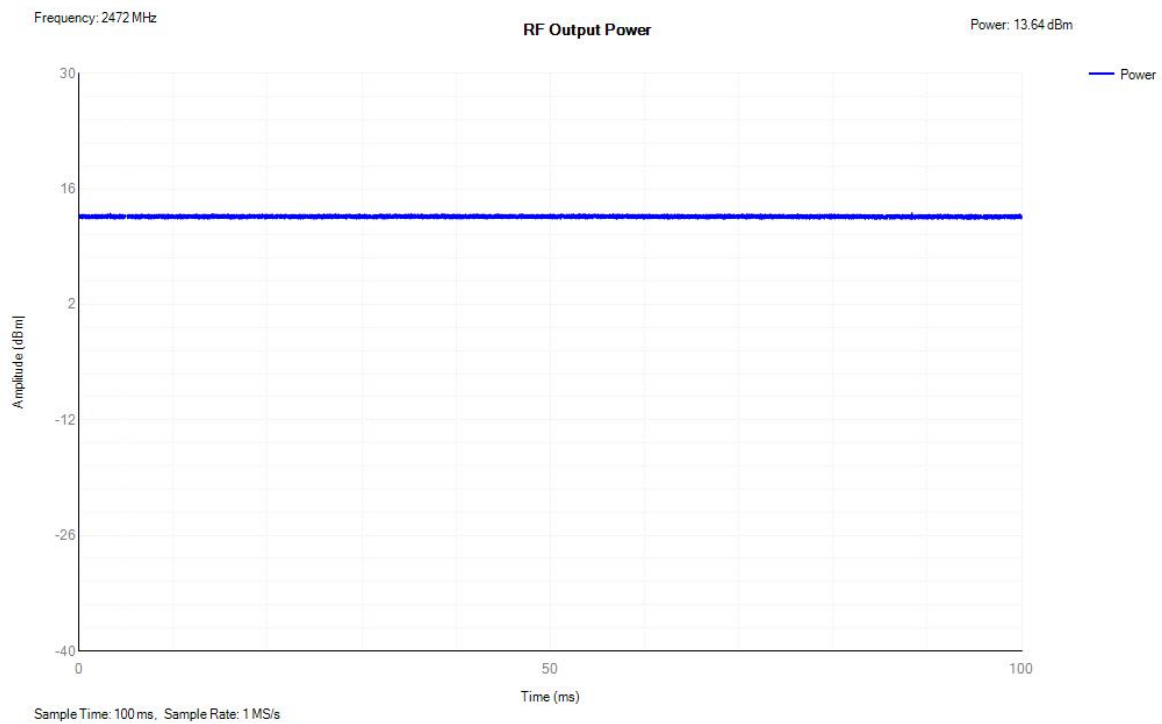
Power NVNT b 2412MHz Ant1



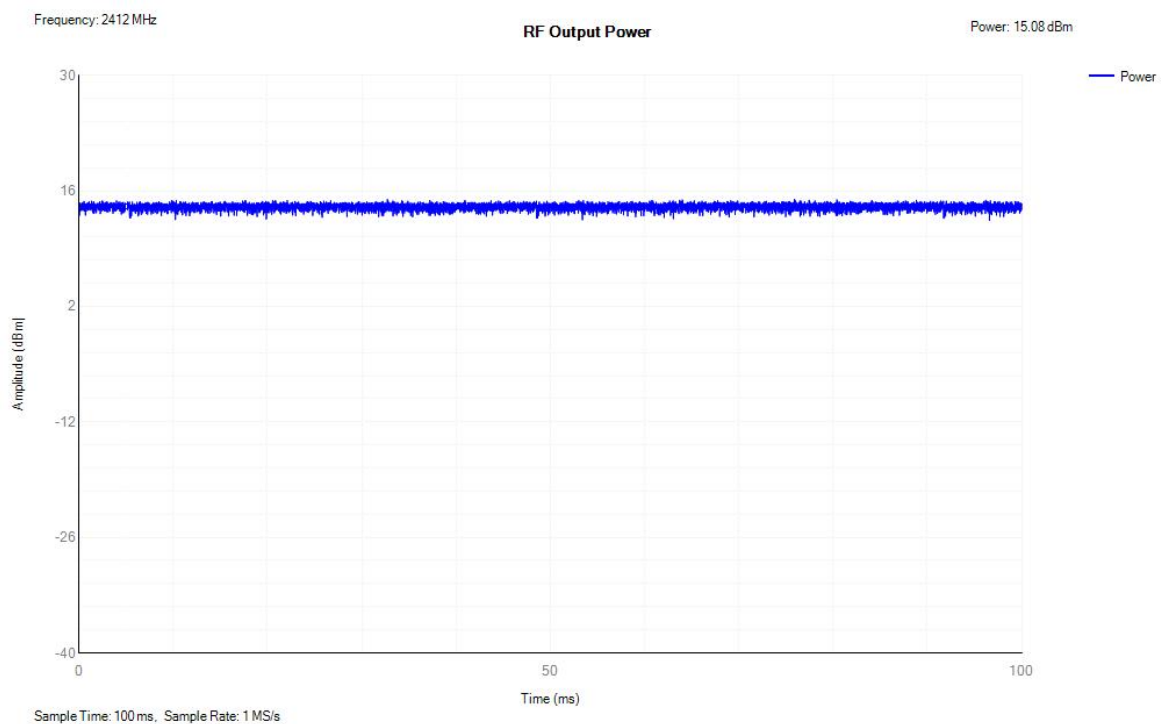
Power NVNT b 2442MHz Ant1



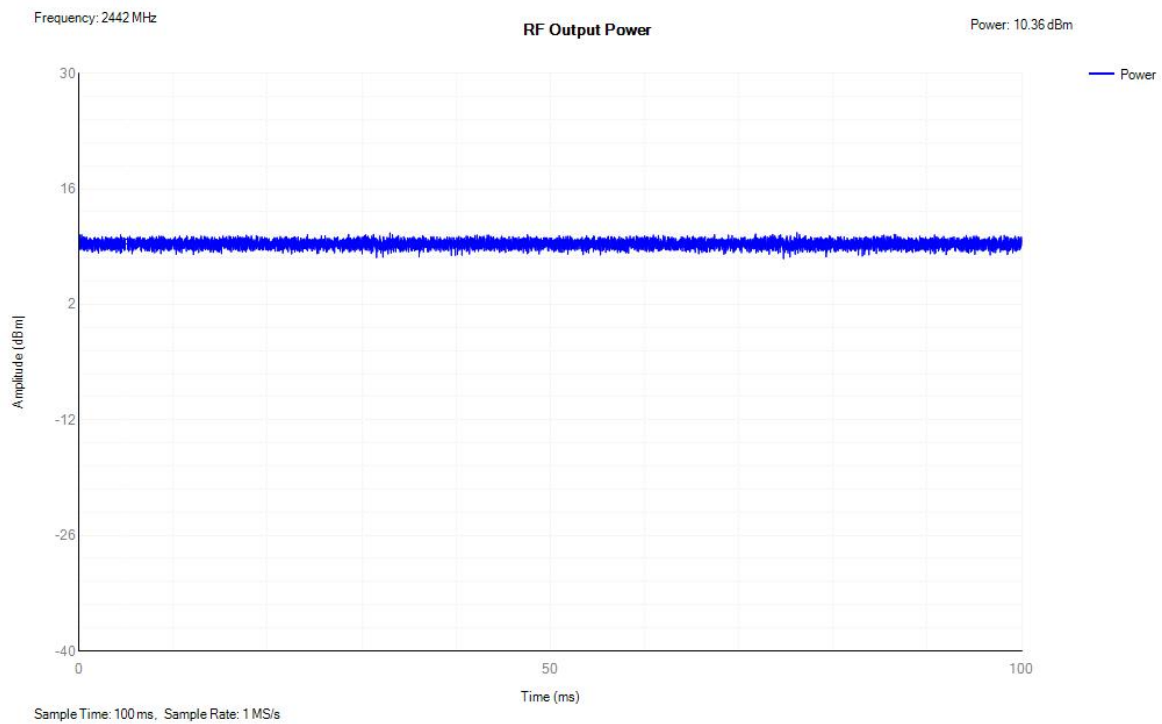
Power NVNT b 2472MHz Ant1



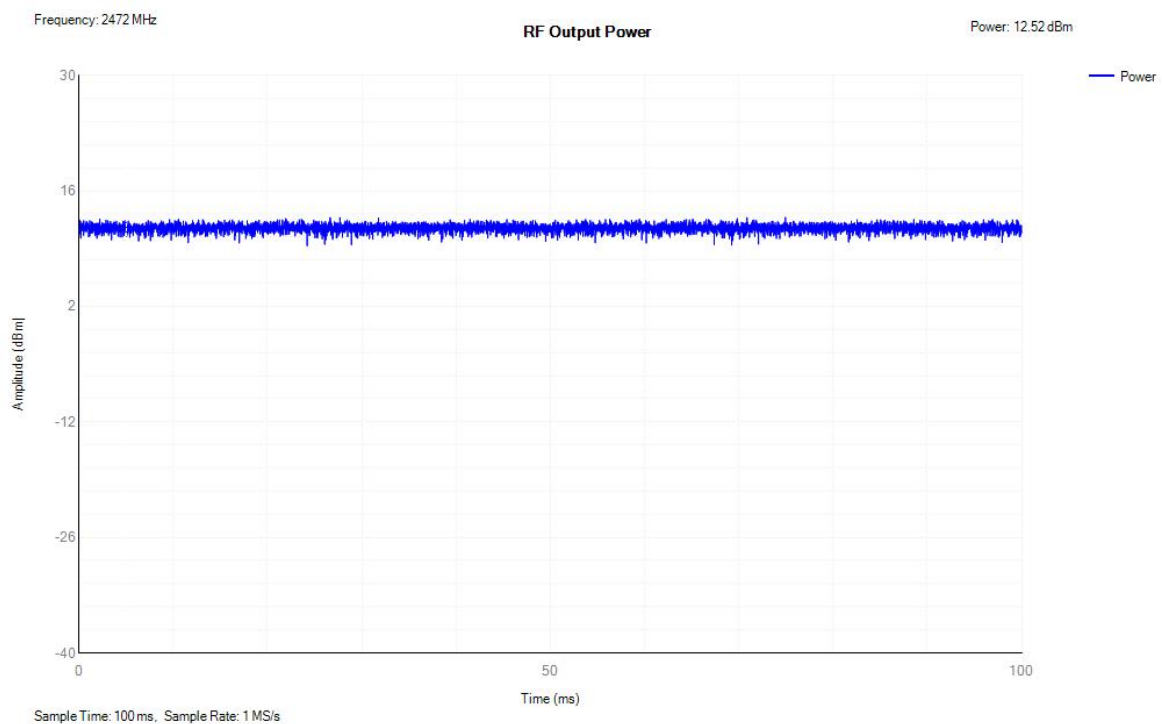
Power NVNT g 2412MHz Ant1



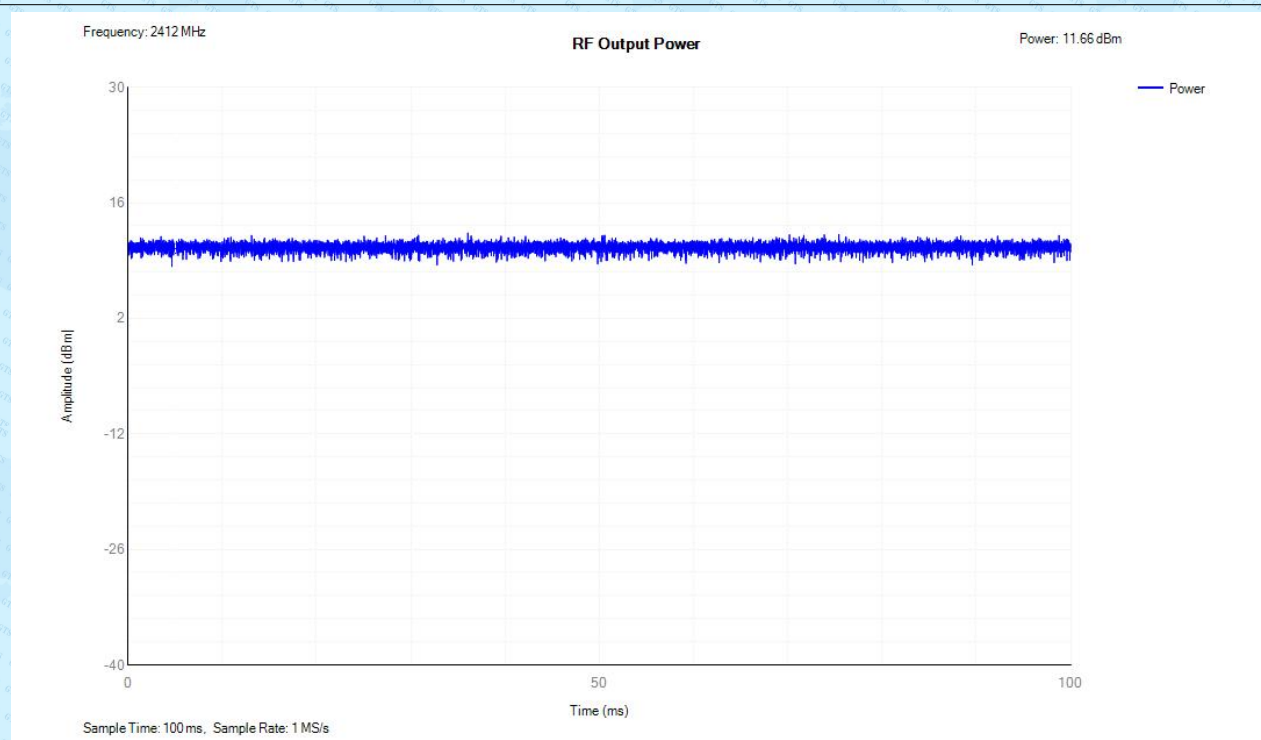
Power NVNT g 2442MHz Ant1



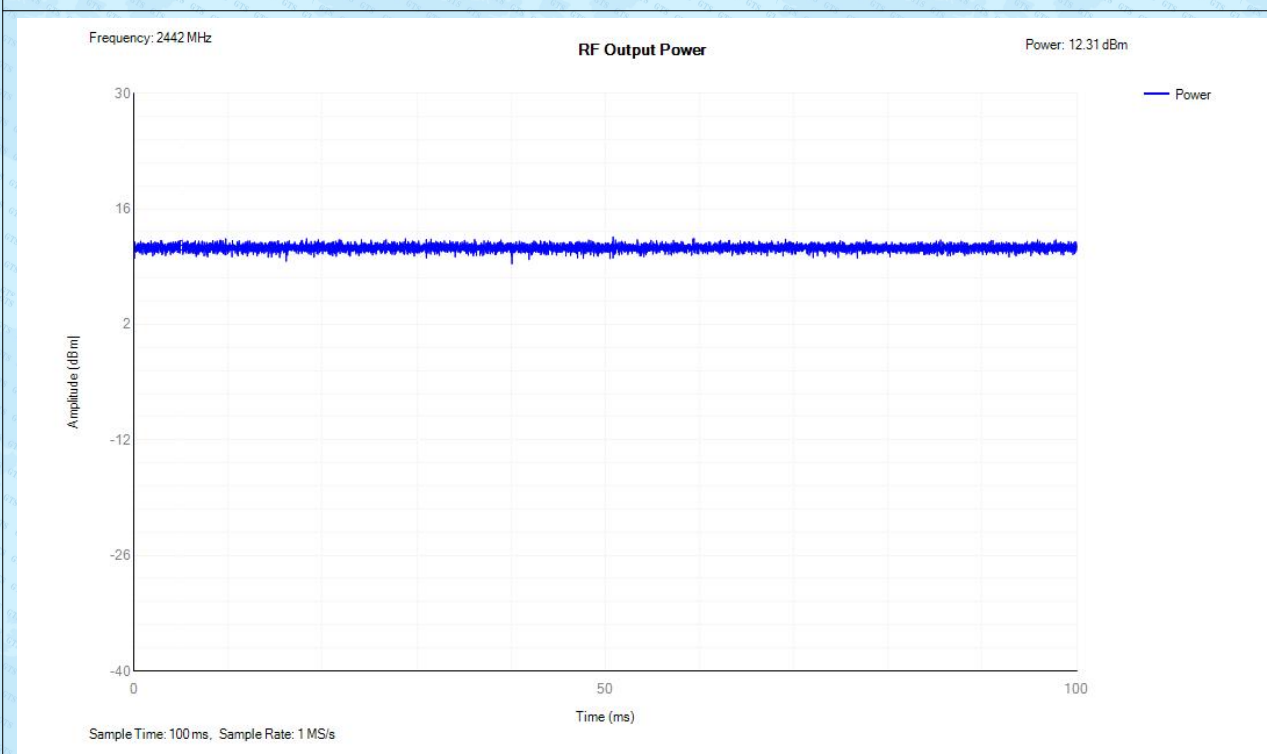
Power NVNT g 2472MHz Ant1



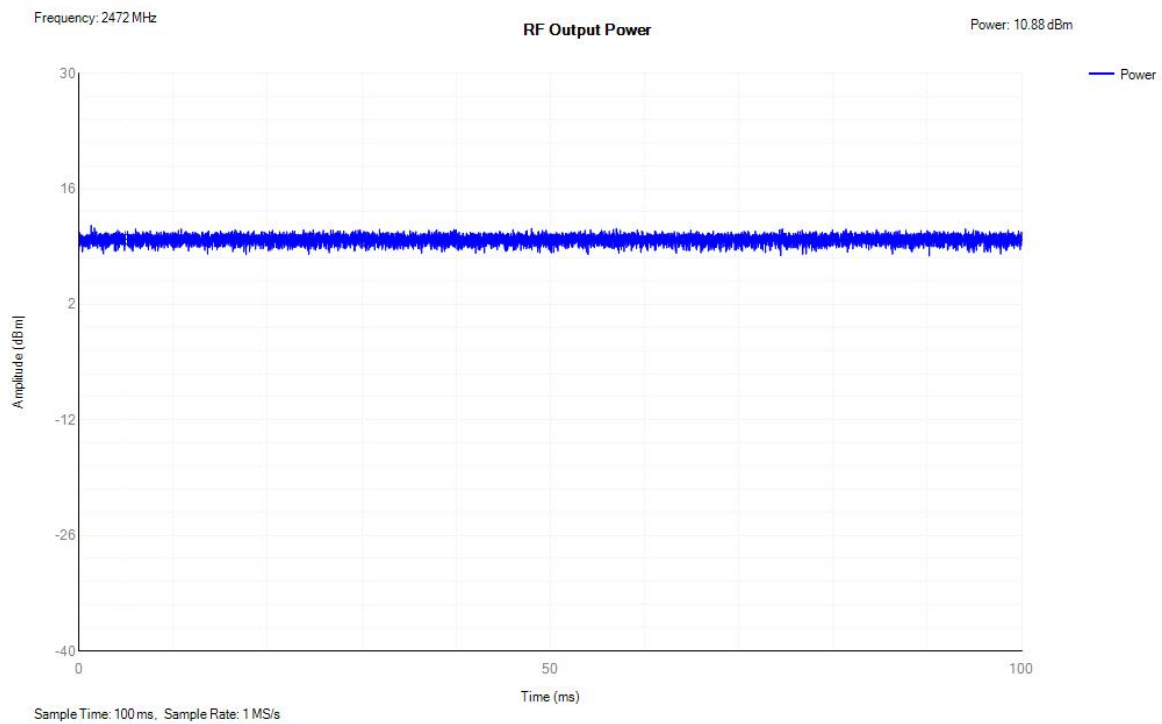
Power NVNT n20 2412MHz Ant1



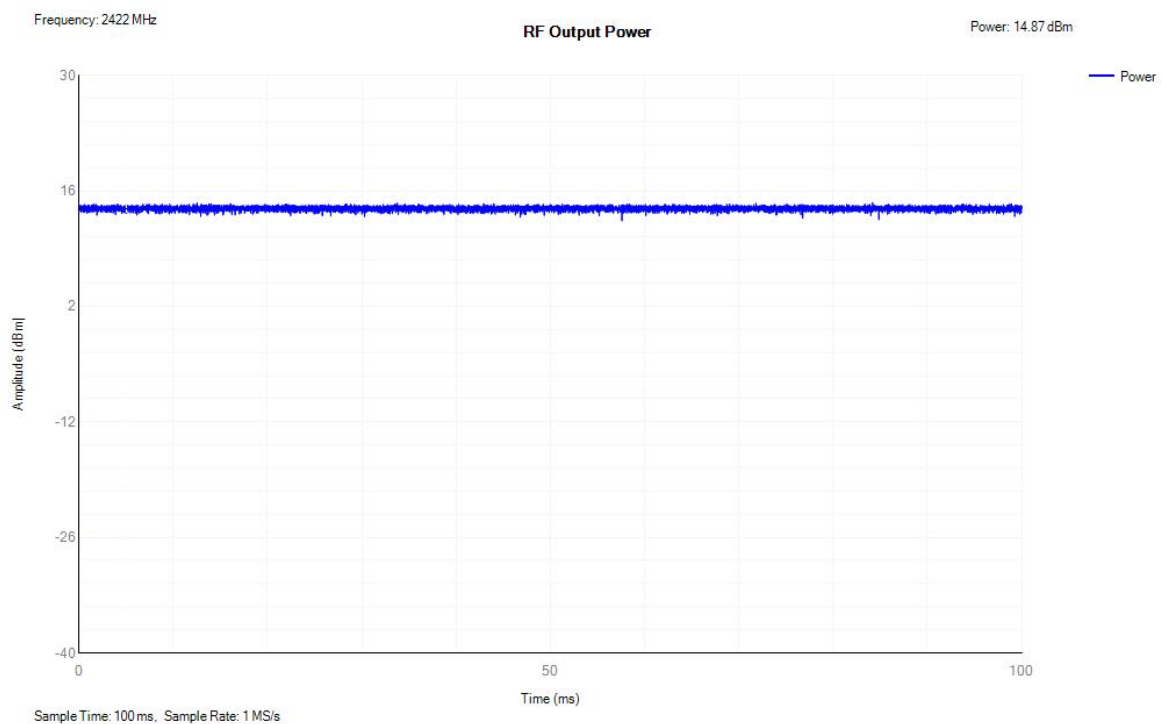
Power NVNT n20 2442MHz Ant1



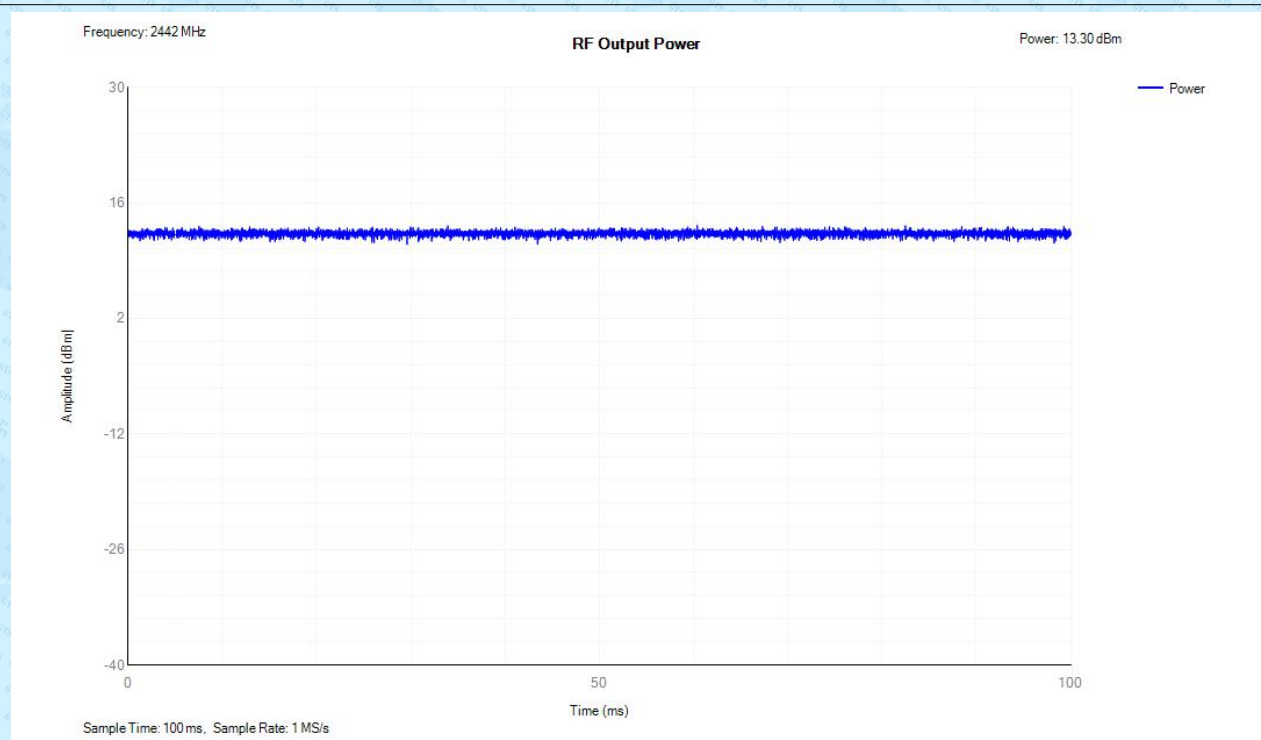
Power NVNT n20 2472MHz Ant1



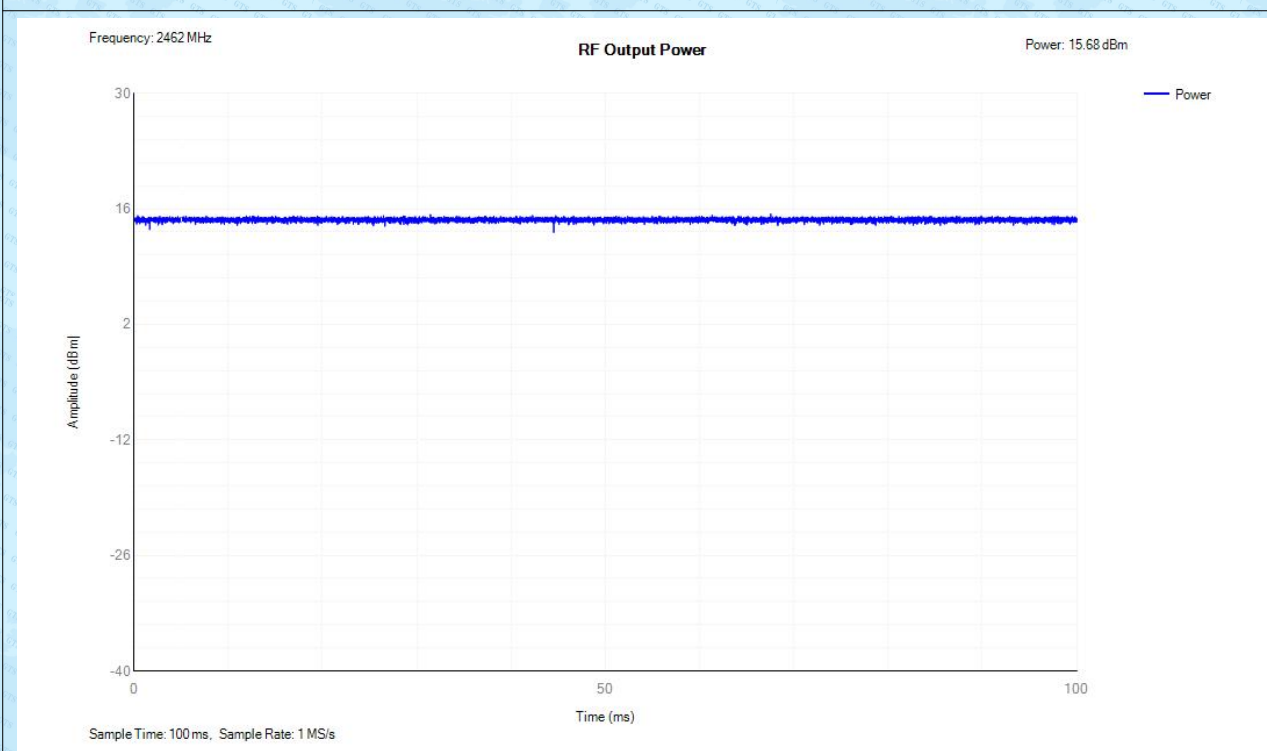
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2442MHz Ant1



Power NVNT n40 2462MHz Ant1

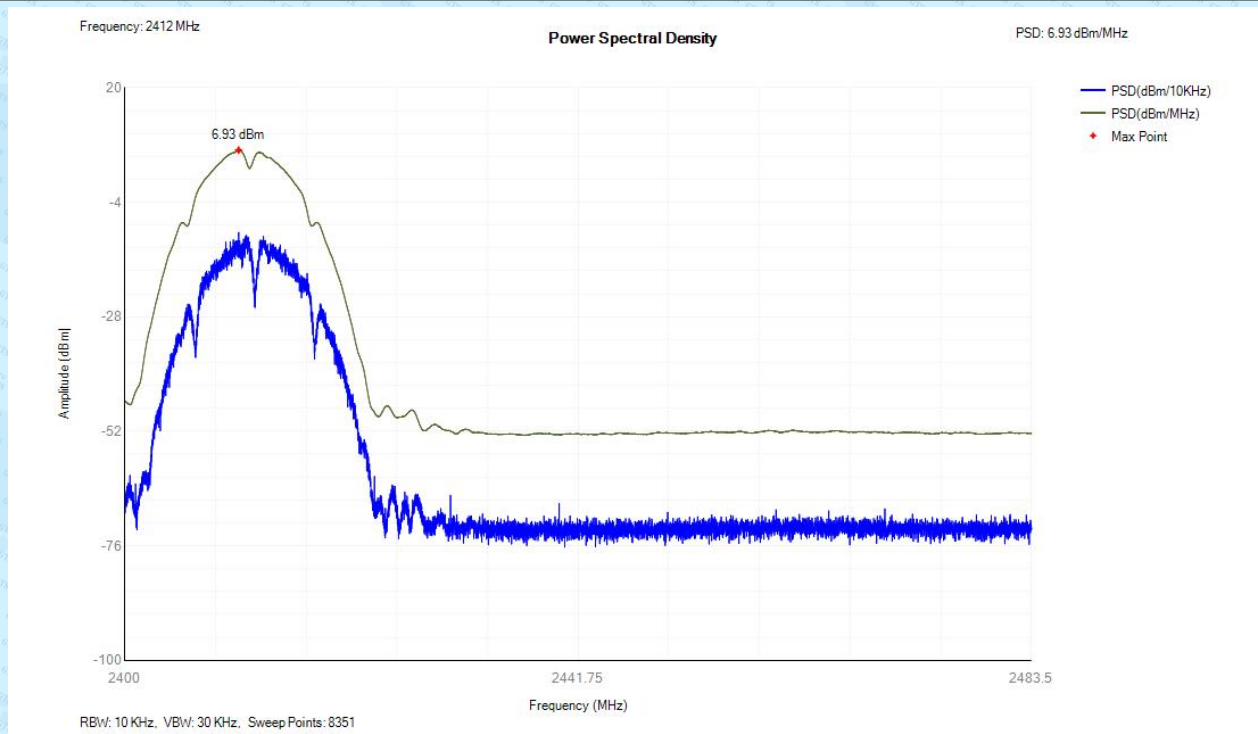


1.2 Power Spectral Density

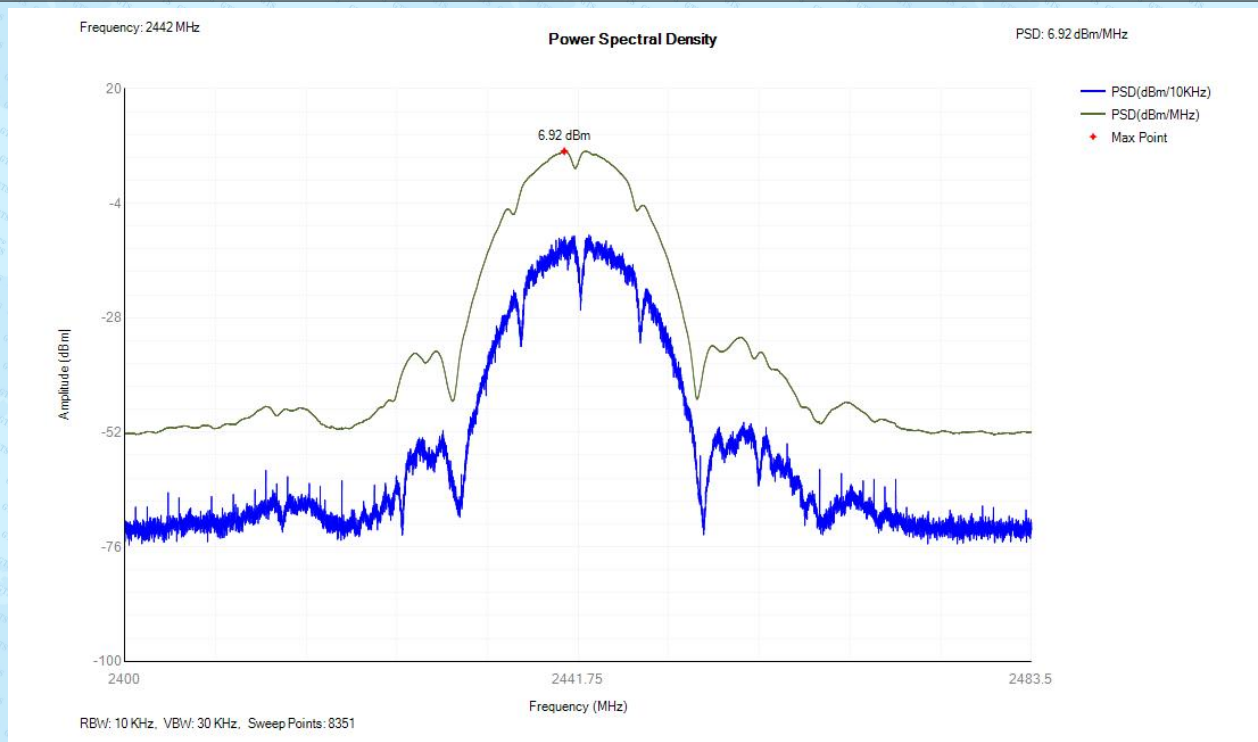
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	6.93	10	Pass
		2442		6.92	10	Pass
		2472		5.81	10	Pass
	g	2412		5.3	10	Pass
		2442		-0.62	10	Pass
		2472		1.88	10	Pass
	n20	2412		2.06	10	Pass
		2442		1.25	10	Pass
		2472		0.01	10	Pass
	n40	2422		2.29	10	Pass
		2442		-1.01	10	Pass
		2462		3.6	10	Pass

Test Graphs

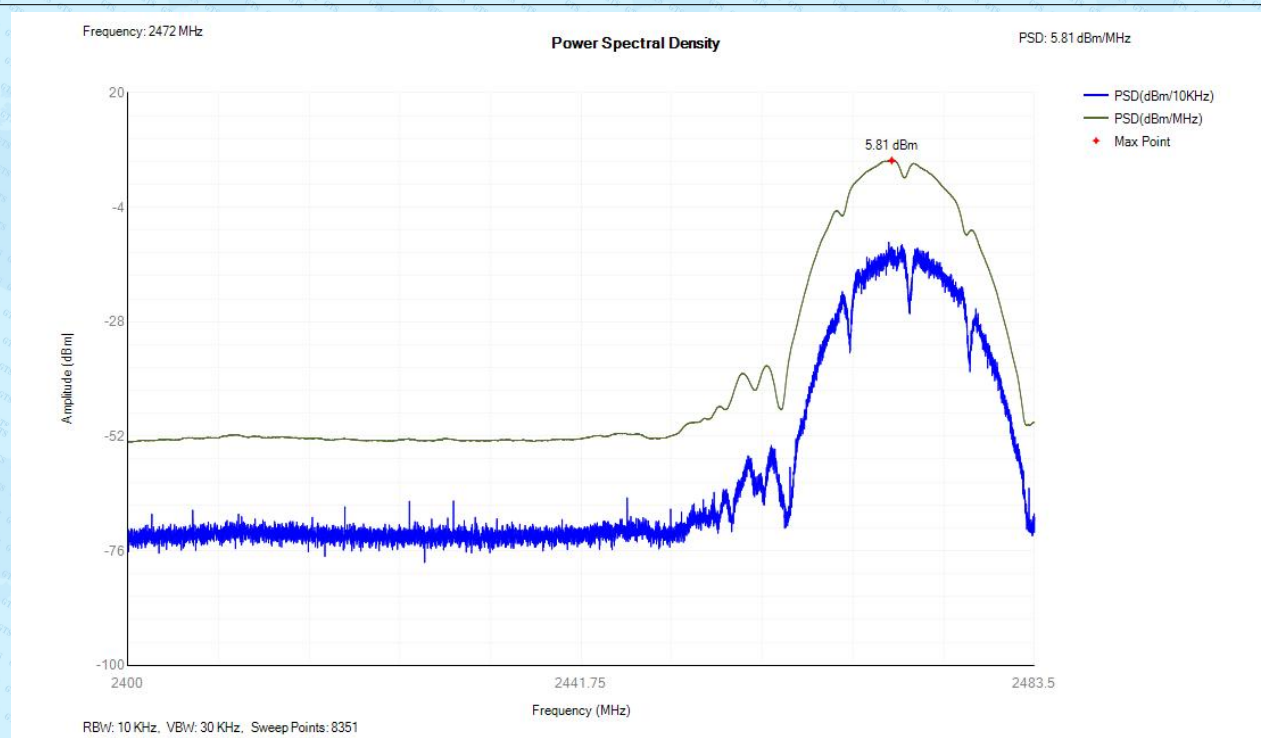
PSD NVNT b 2412MHz Ant1



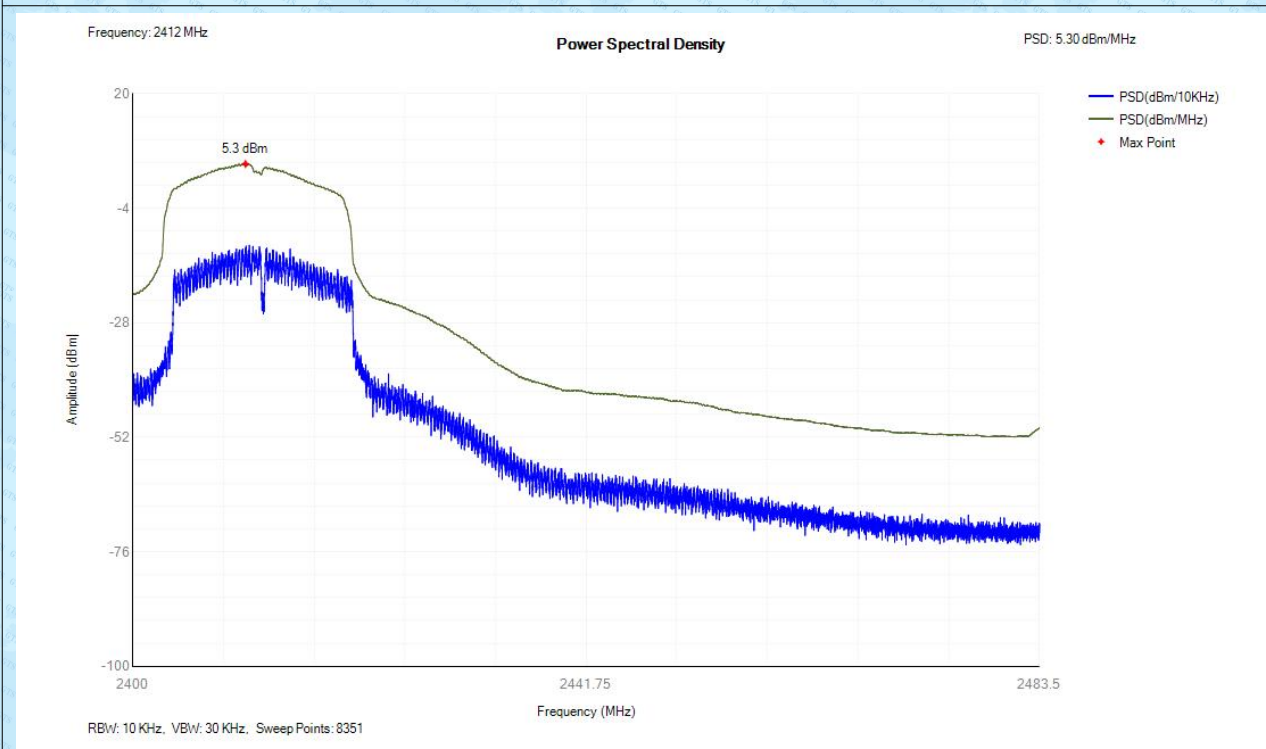
PSD NVNT b 2442MHz Ant1



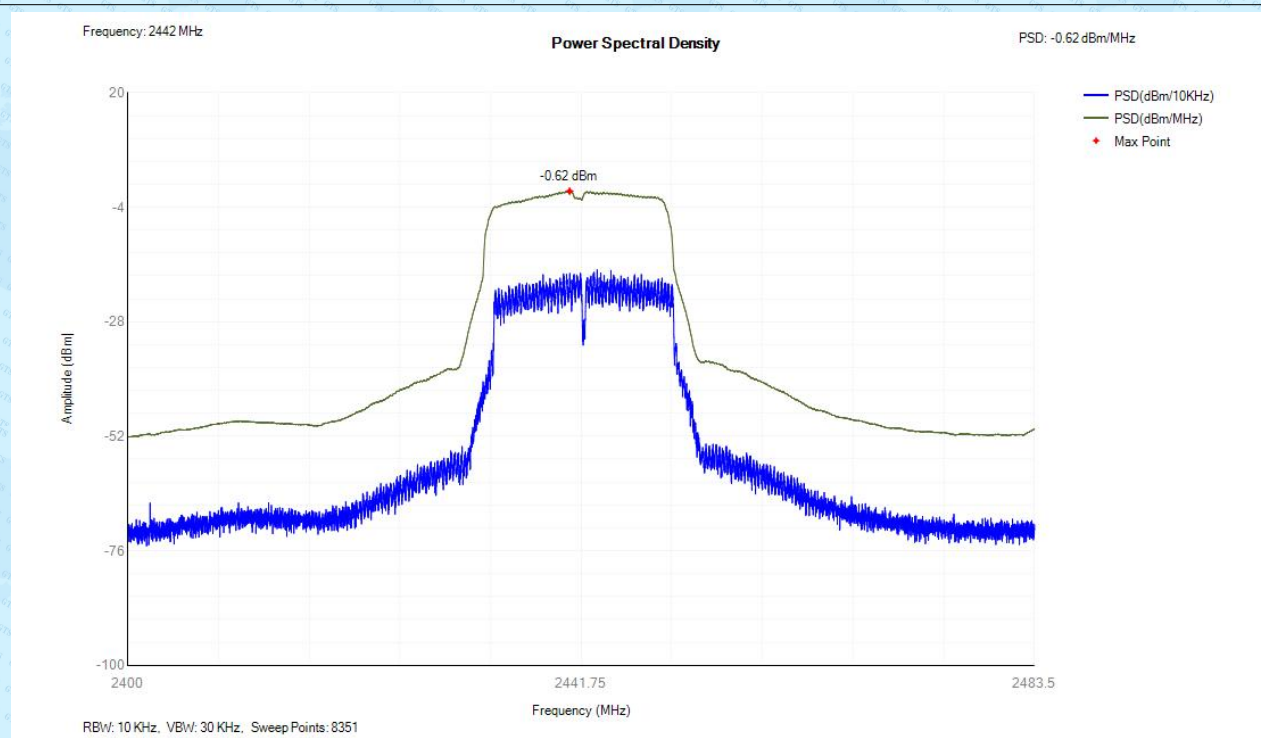
PSD NVNT b 2472MHz Ant1



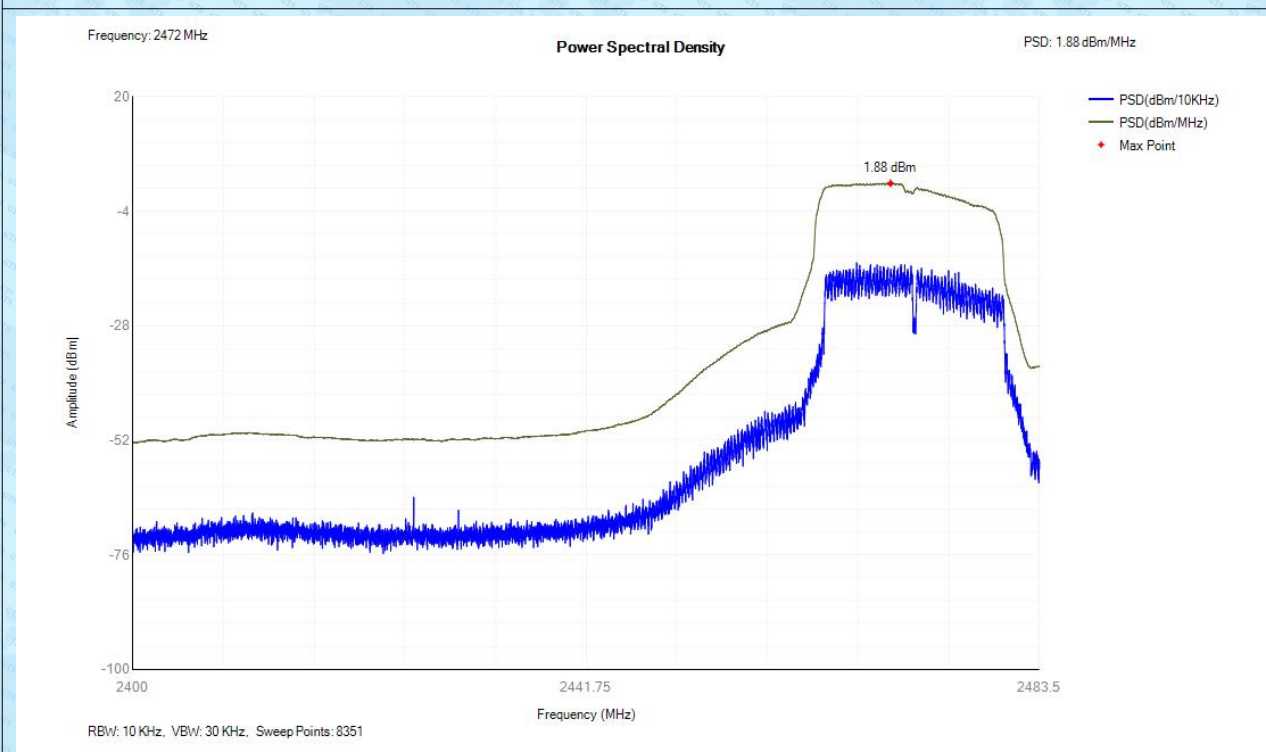
PSD NVNT g 2412MHz Ant1

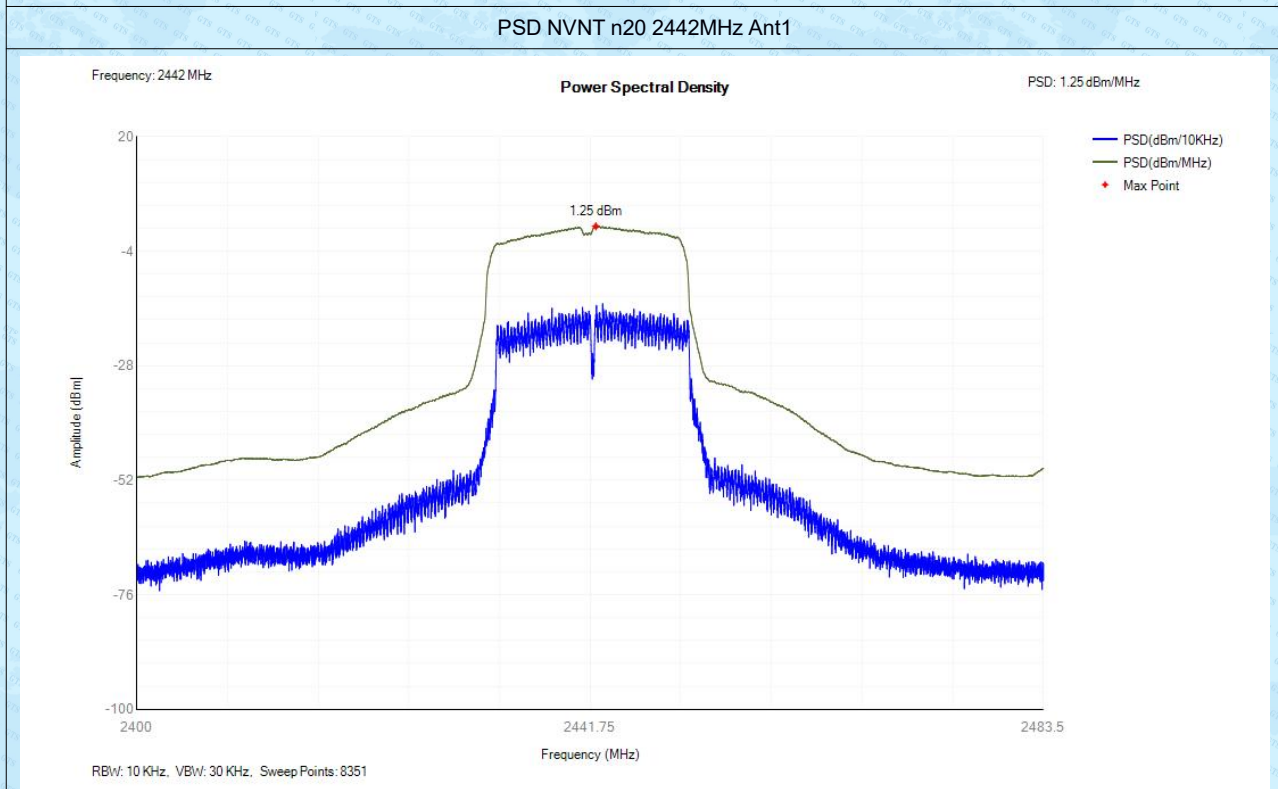
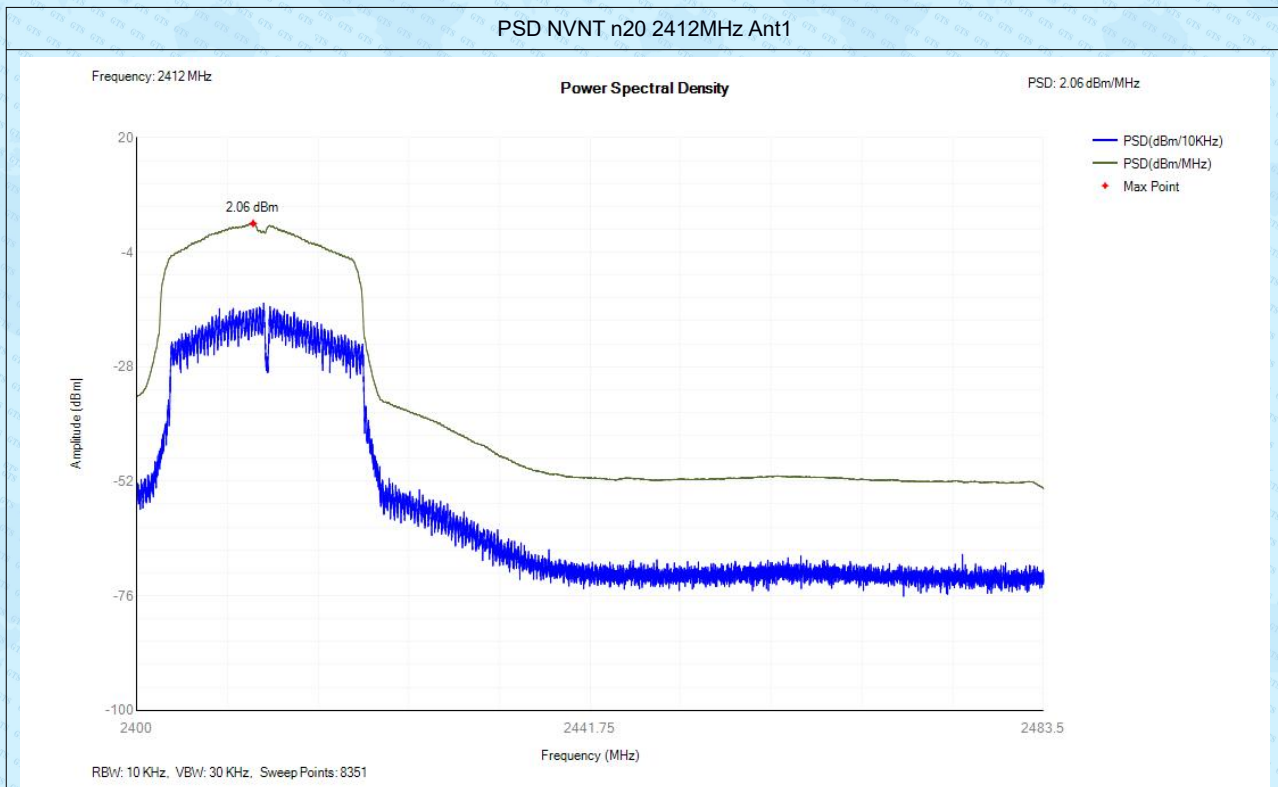


PSD NVNT g 2442MHz Ant1

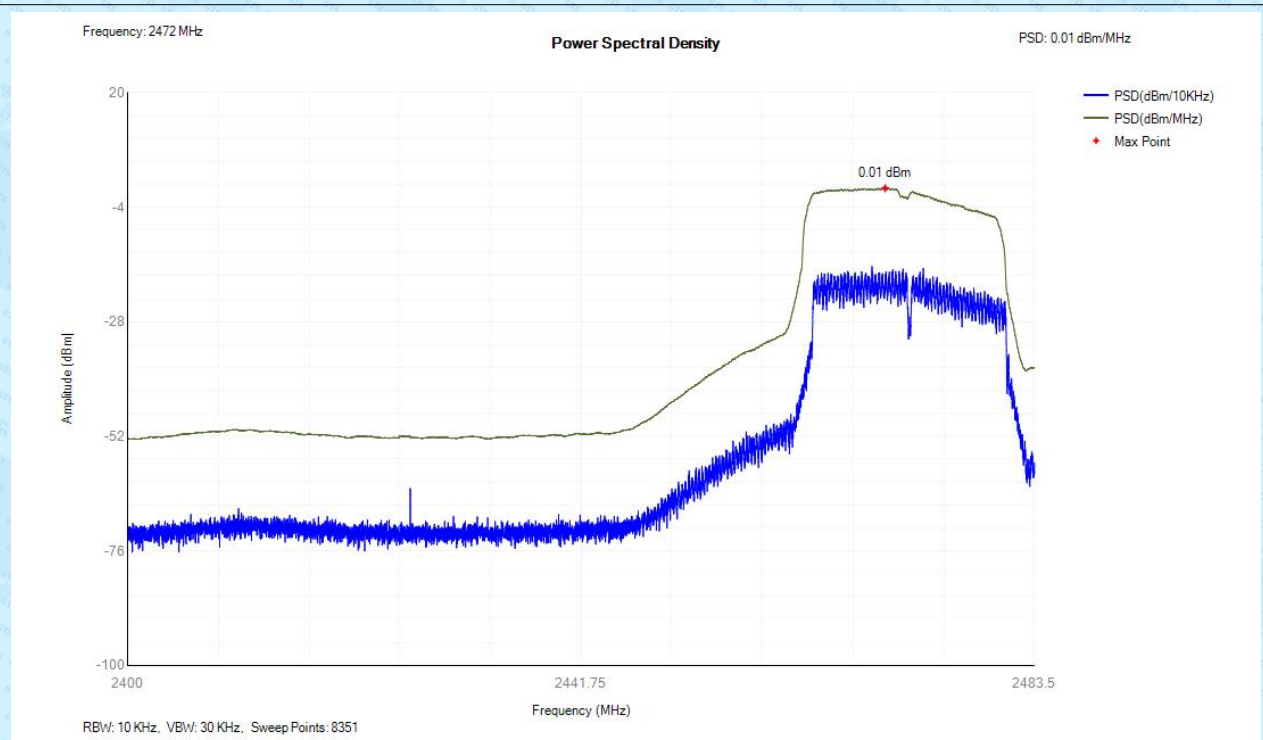


PSD NVNT g 2472MHz Ant1

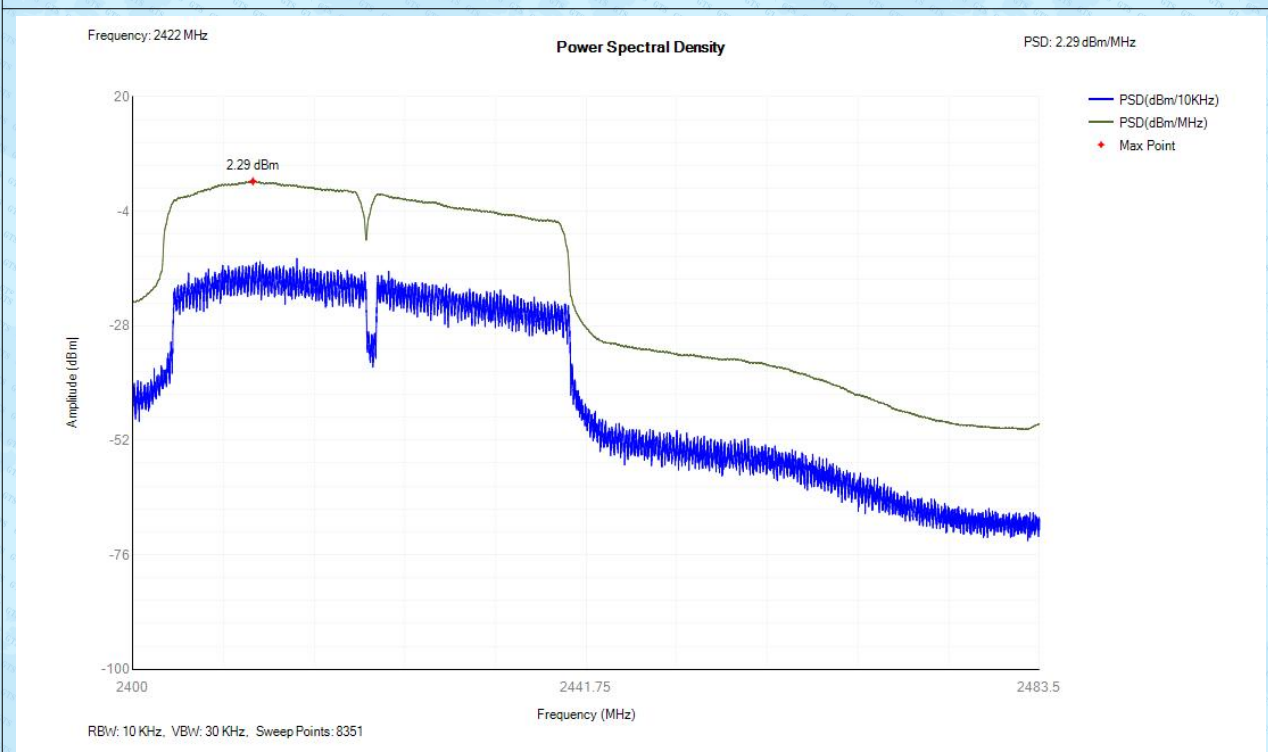


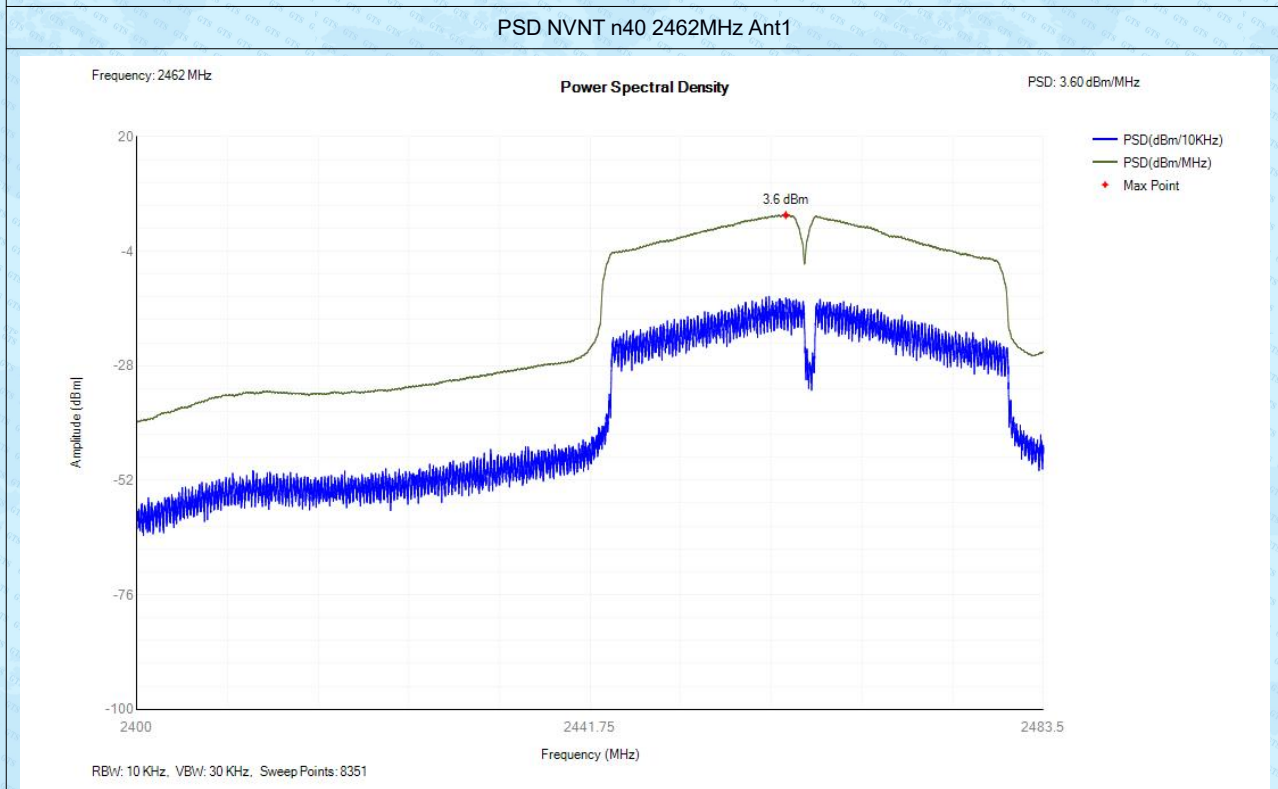
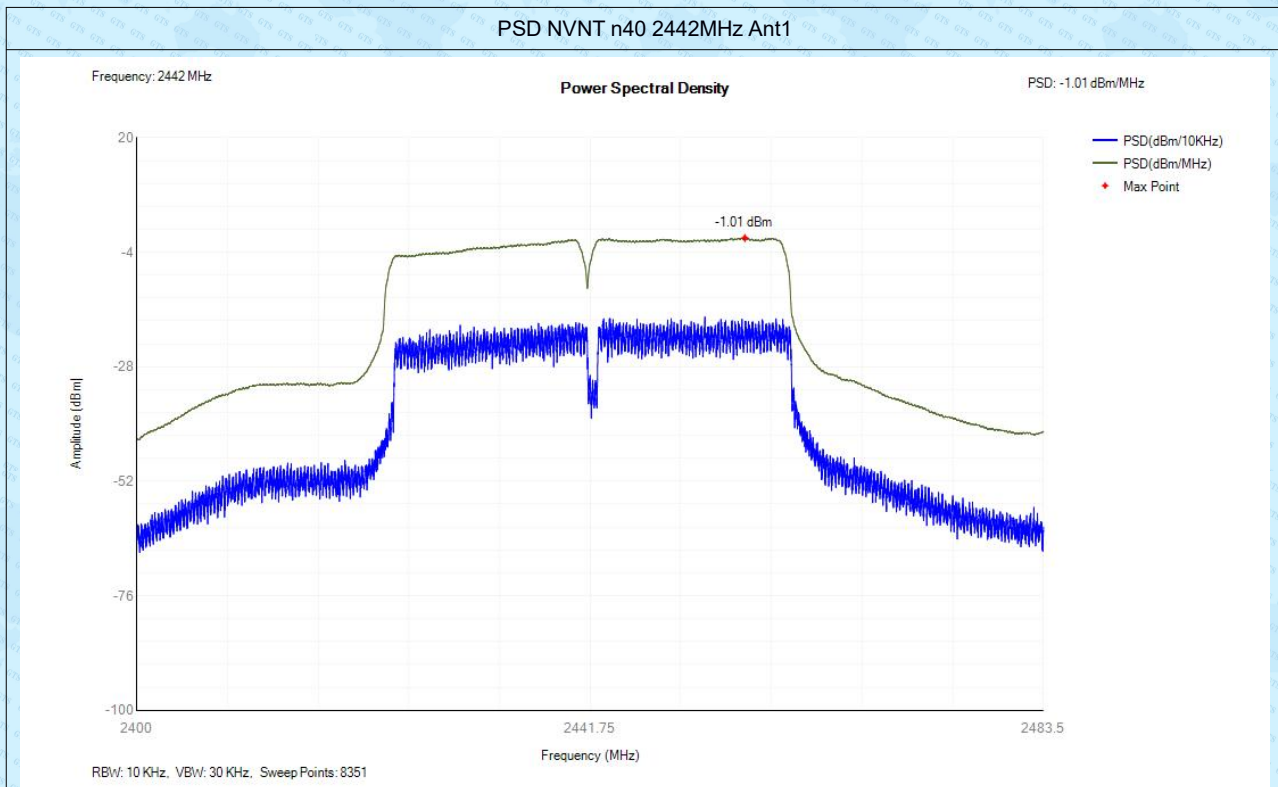


PSD NVNT n20 2472MHz Ant1



PSD NVNT n40 2422MHz Ant1



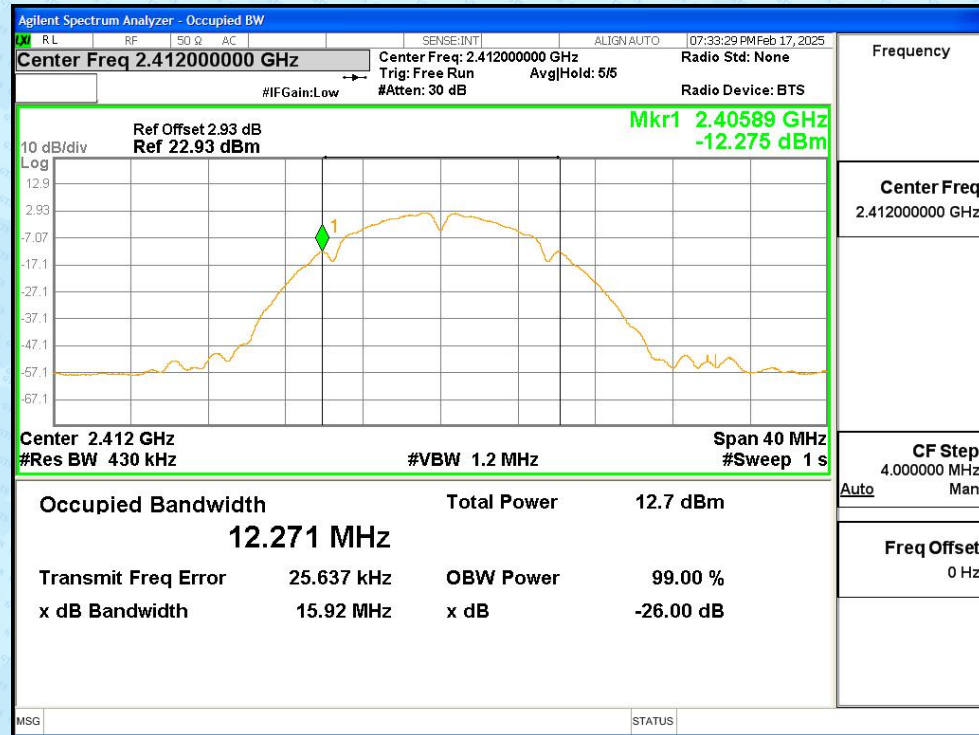


1.3 Occupied Channel Bandwidth

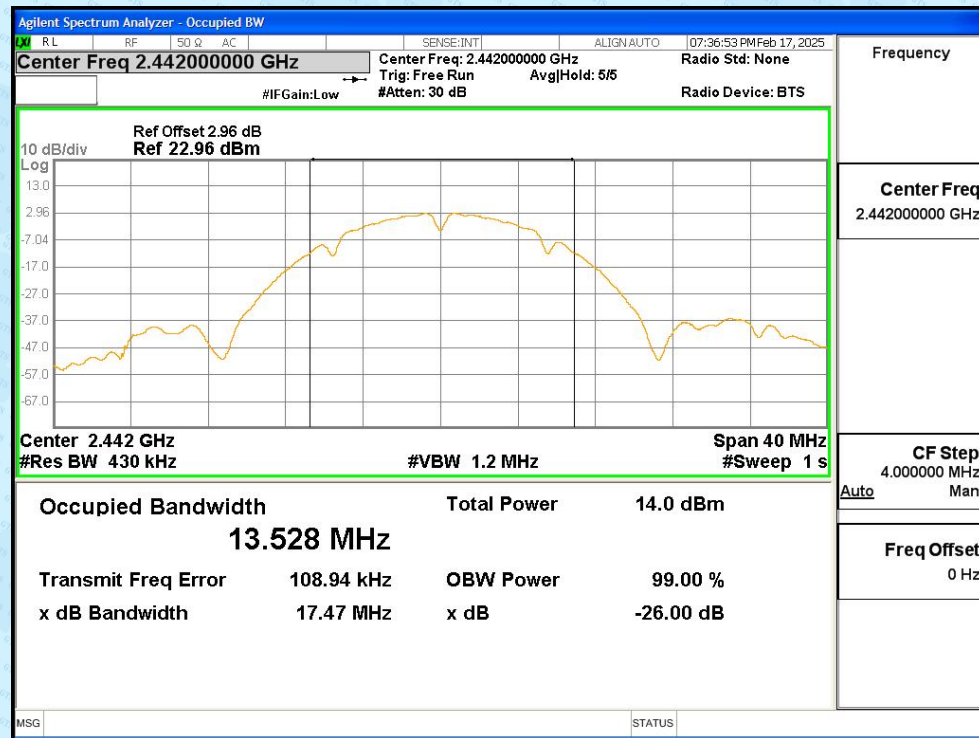
Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	b	2412	Ant1	2412.026	12.271	2405.89	2418.161	2400 - 2483.5MHz	Pass
		2442		2442.109	13.528	2435.345	2448.873	2400 - 2483.5MHz	Pass
		2472		2471.581	13.228	2464.967	2478.195	2400 - 2483.5MHz	Pass
	g	2412		2411.945	16.381	2403.754	2420.135	2400 - 2483.5MHz	Pass
		2442		2442.032	16.513	2433.776	2450.289	2400 - 2483.5MHz	Pass
		2472		2471.858	16.469	2463.623	2480.092	2400 - 2483.5MHz	Pass
	n20	2412		2411.97	17.374	2403.283	2420.657	2400 - 2483.5MHz	Pass
		2442		2442.038	17.713	2433.182	2450.895	2400 - 2483.5MHz	Pass
		2472		2471.863	17.635	2463.046	2480.681	2400 - 2483.5MHz	Pass
	n40	2422		2421.709	35.928	2403.746	2439.673	2400 - 2483.5MHz	Pass
		2442		2442.109	36.38	2423.919	2460.299	2400 - 2483.5MHz	Pass
		2462		2461.883	35.521	2444.123	2479.643	2400 - 2483.5MHz	Pass

Test Graphs

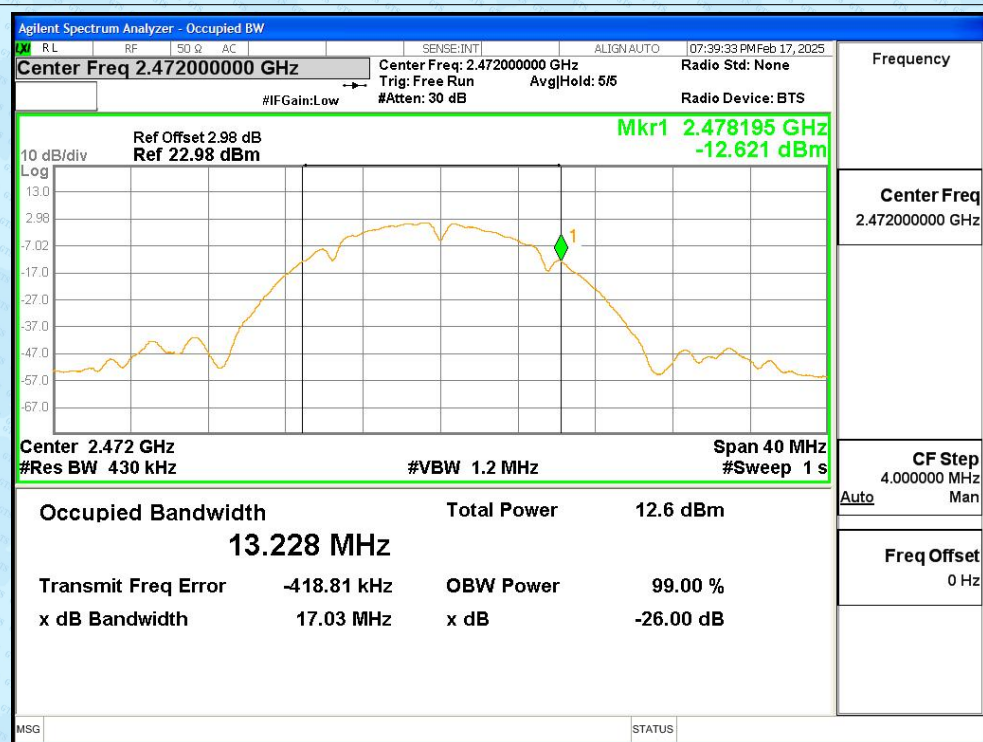
OBW NVNT b 2412MHz Ant1



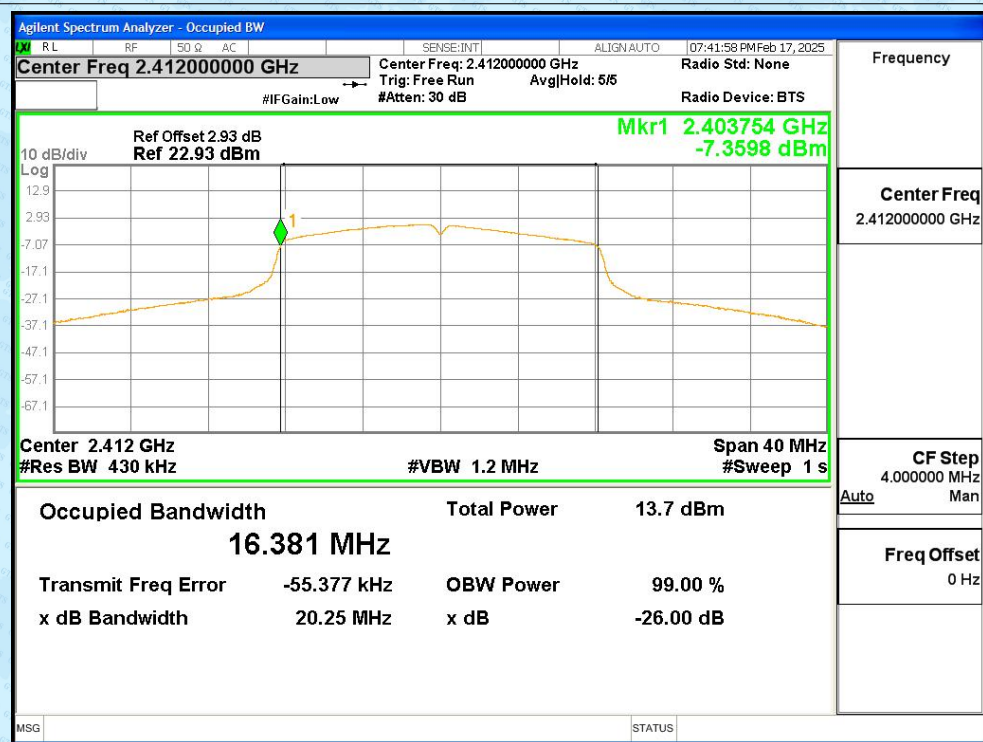
OBW NVNT b 2442MHz Ant1

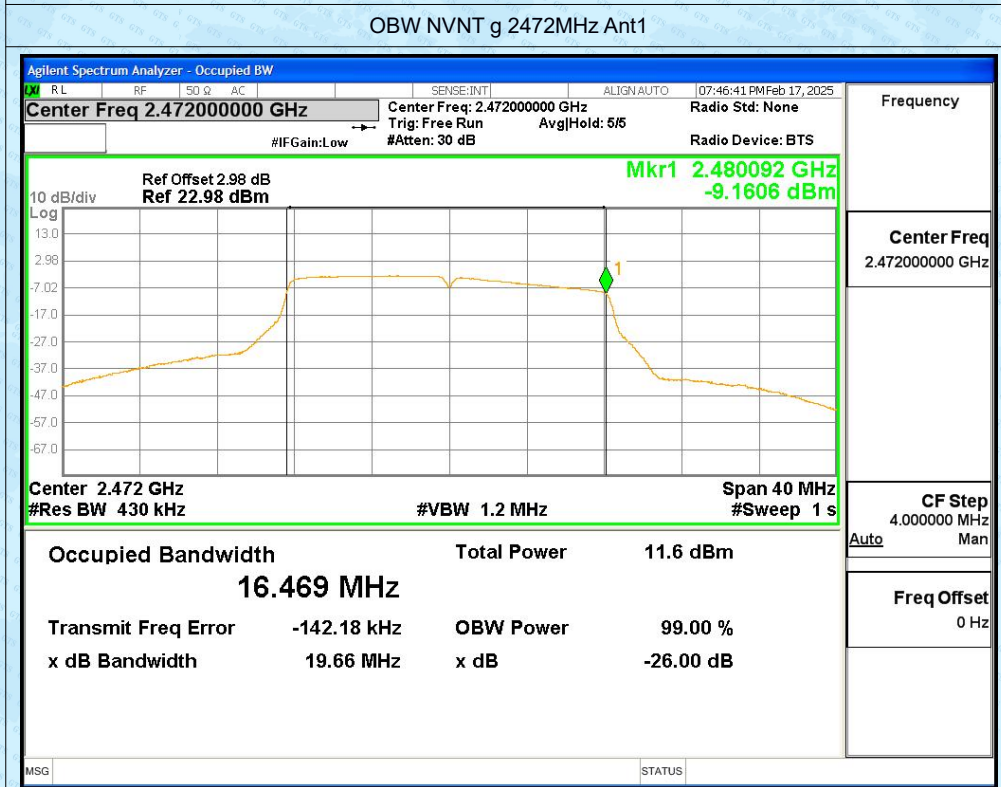
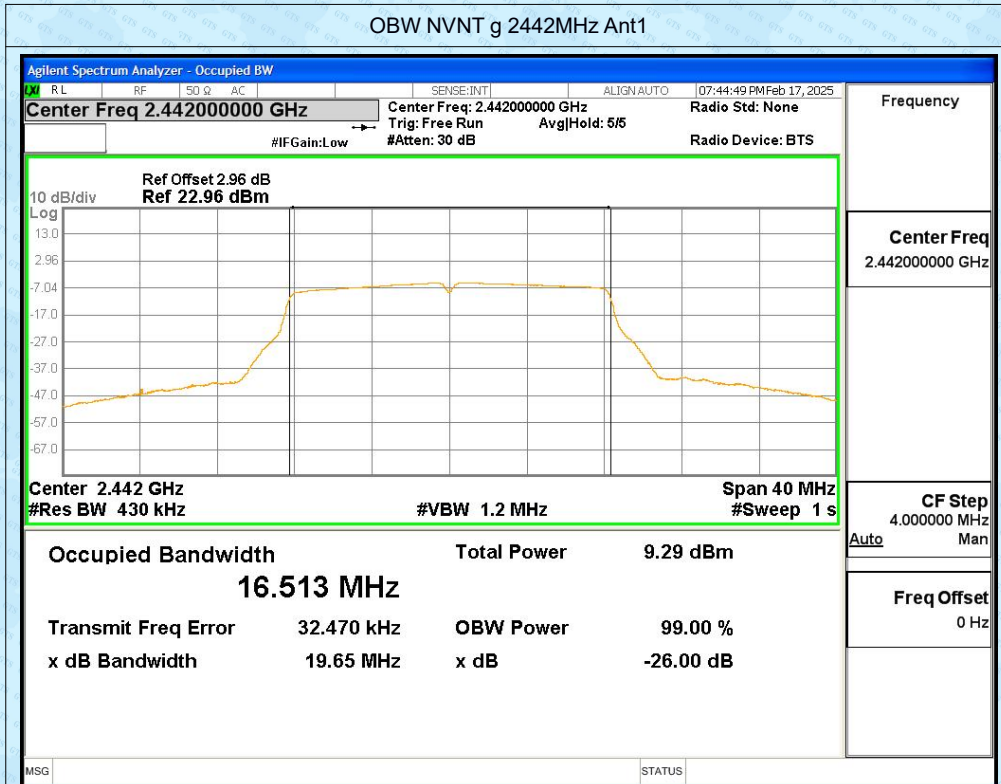


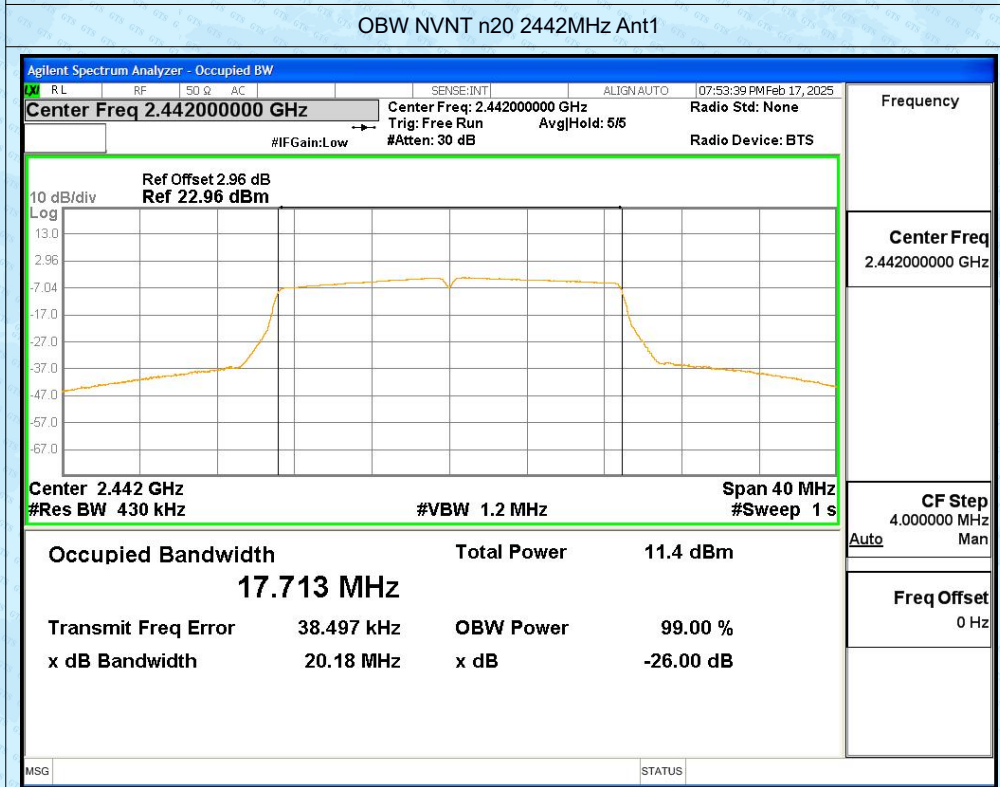
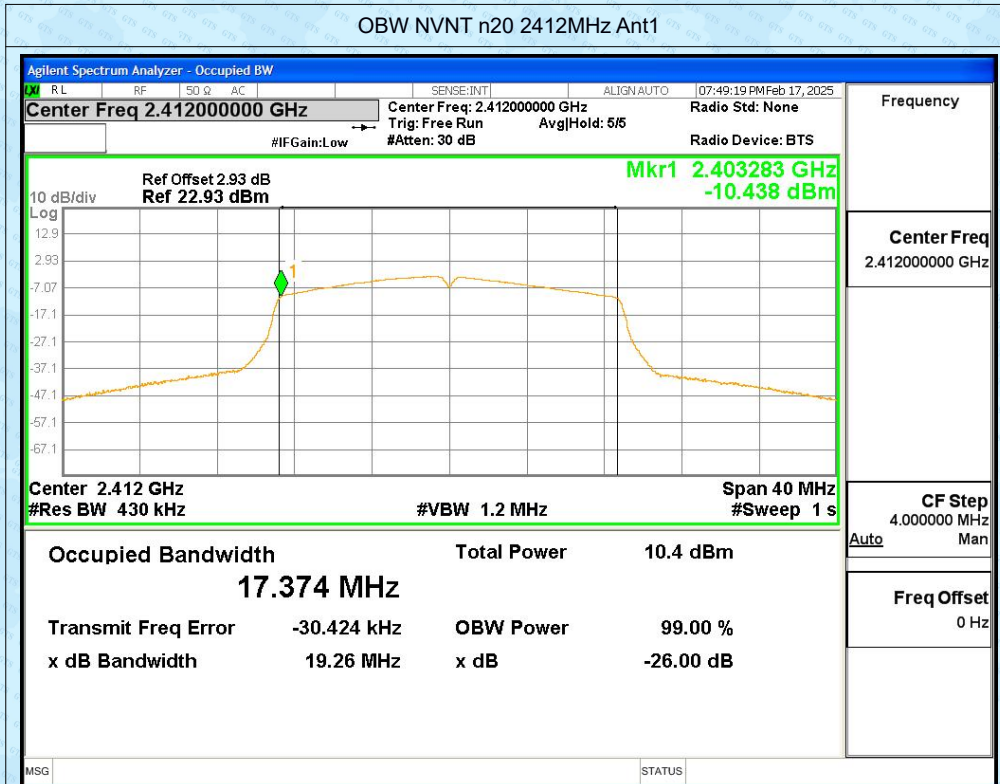
OBW NVNT b 2472MHz Ant1

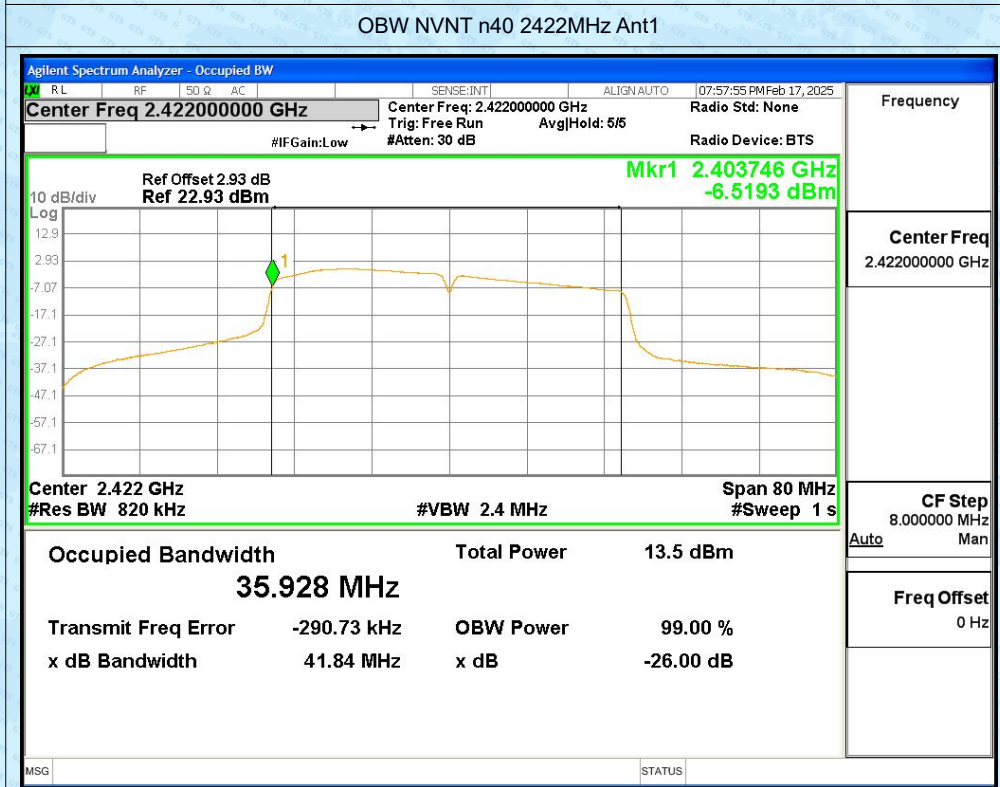
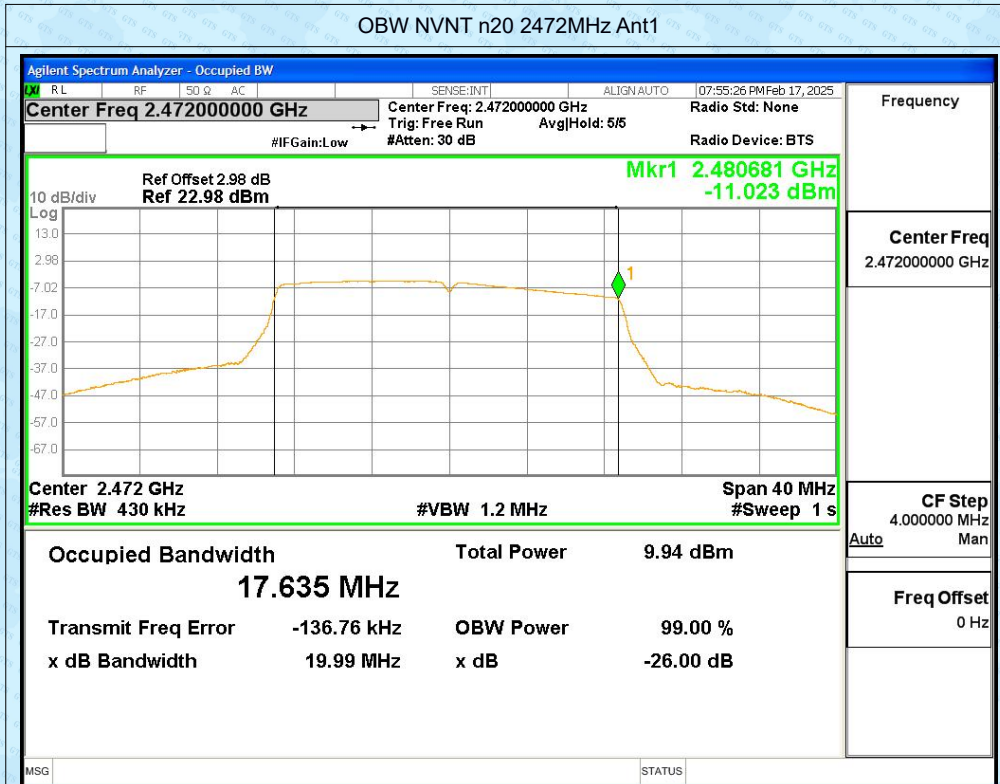


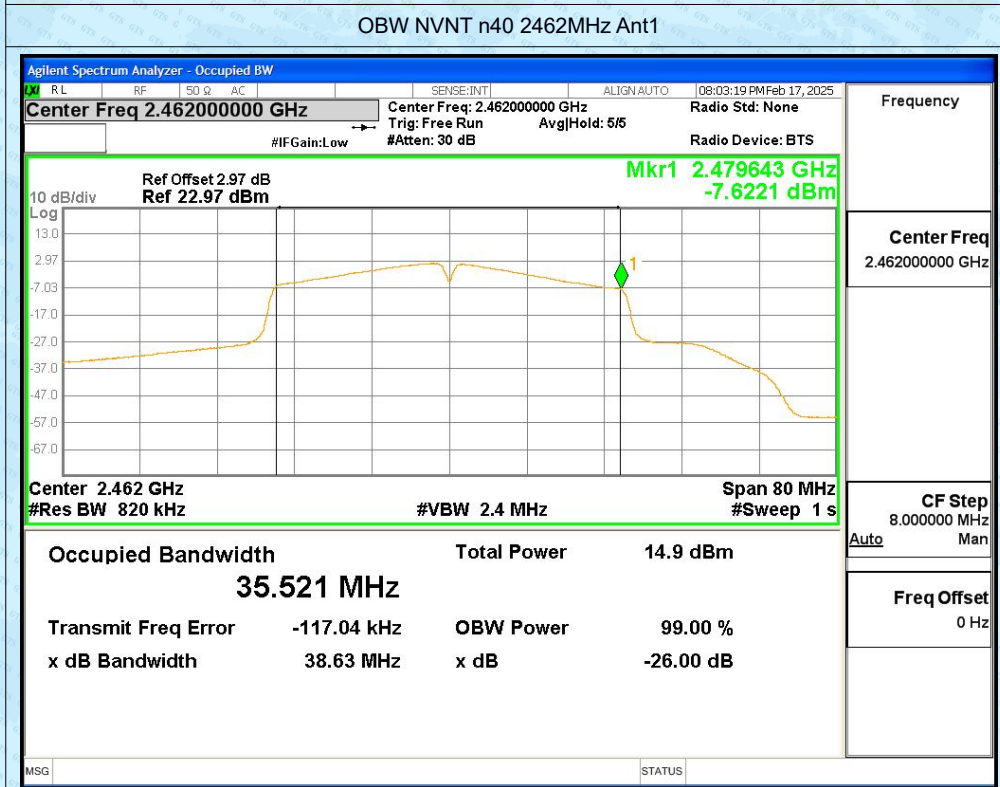
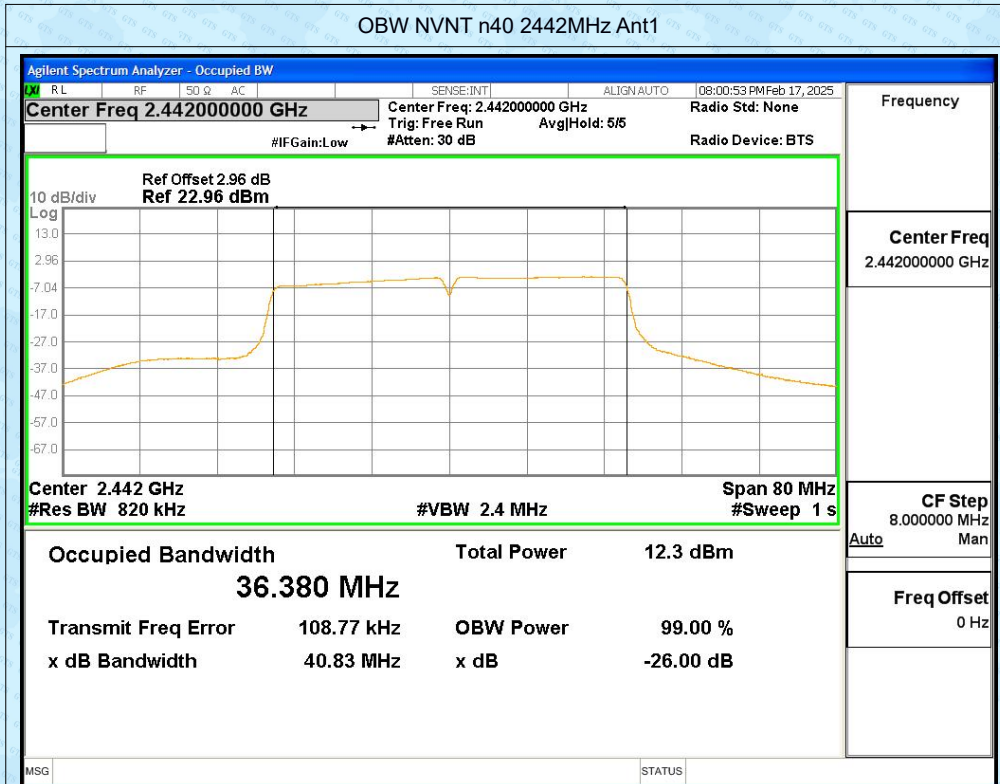
OBW NVNT g 2412MHz Ant1











1.4 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	-51.93	-10	Pass
				2398.5	-51.19	-10	Pass
				2397.5	-54.09	-10	Pass
				2396.5	-58.37	-10	Pass
				2395.5	-59.12	-10	Pass
				2394.5	-58.83	-10	Pass
				2393.5	-60.16	-10	Pass
				2392.5	-59.33	-10	Pass
				2391.5	-59.75	-10	Pass
				2390.5	-61.18	-10	Pass
				2389.5	-61.48	-10	Pass
				2388.5	-61.44	-10	Pass
				2388.229	-61.35	-10	Pass
				2387.229	-61.36	-20	Pass
				2386.229	-61.47	-20	Pass
				2385.229	-61.83	-20	Pass
				2384.229	-62.57	-20	Pass
				2383.229	-63.14	-20	Pass
				2382.229	-63.48	-20	Pass
				2381.229	-63.57	-20	Pass
		2380.229		-63.64	-20	Pass	
		2379.229		-63.64	-20	Pass	
		2378.229		-63.6	-20	Pass	
		2377.229		-63.53	-20	Pass	
		2376.229		-63.67	-20	Pass	
		2375.958		-63.65	-20	Pass	
		2484		-45.11	-10	Pass	
		2485		-43.38	-10	Pass	
		2486		-44.02	-10	Pass	
		2487		-41.79	-10	Pass	
		2488		-45.51	-10	Pass	
		2489		-47.13	-10	Pass	
		2490		-50.96	-10	Pass	
		2491		-53.21	-10	Pass	
		2492		-55.06	-10	Pass	
		2493		-58.99	-10	Pass	
		2494		-60.81	-10	Pass	
		2495		-61.41	-10	Pass	
		2496		-61.28	-10	Pass	
		2496.228		-61.25	-10	Pass	
		2497.228		-62.36	-20	Pass	

			2498.228	-63.16	-20	Pass
			2499.228	-63.26	-20	Pass
			2500.228	-63.31	-20	Pass
			2501.228	-63.27	-20	Pass
			2502.228	-63.33	-20	Pass
			2503.228	-63.29	-20	Pass
			2504.228	-63.36	-20	Pass
			2505.228	-63.33	-20	Pass
			2506.228	-63.29	-20	Pass
			2507.228	-63.31	-20	Pass
			2508.228	-63.32	-20	Pass
			2509.228	-63.31	-20	Pass
			2509.456	-63.3	-20	Pass
	g	2412	2399.5	-23.24	-10	Pass
			2398.5	-24.13	-10	Pass
			2397.5	-25.06	-10	Pass
			2396.5	-26.09	-10	Pass
			2395.5	-27.17	-10	Pass
			2394.5	-28.39	-10	Pass
			2393.5	-29.26	-10	Pass
			2392.5	-30.5	-10	Pass
			2391.5	-31.8	-10	Pass
			2390.5	-33.16	-10	Pass
			2389.5	-34.16	-10	Pass
			2388.5	-35.42	-10	Pass
			2387.5	-36.64	-10	Pass
			2386.5	-37.75	-10	Pass
			2385.5	-39.32	-10	Pass
			2384.5	-41	-10	Pass
			2384.119	-41.64	-10	Pass
			2383.119	-43.99	-20	Pass
			2382.119	-47.67	-20	Pass
			2381.119	-52.75	-20	Pass
			2380.119	-57.69	-20	Pass
			2379.119	-61.06	-20	Pass
			2378.119	-62.53	-20	Pass
			2377.119	-62.88	-20	Pass
			2376.119	-63.43	-20	Pass
			2375.119	-63.55	-20	Pass
			2374.119	-63.63	-20	Pass
			2373.119	-63.7	-20	Pass
			2372.119	-63.66	-20	Pass
			2371.119	-63.73	-20	Pass
			2370.119	-63.59	-20	Pass

			2369.119	-63.76	-20	Pass
			2368.119	-63.74	-20	Pass
			2367.738	-63.72	-20	Pass
			2484	-36.99	-10	Pass
			2485	-37.21	-10	Pass
			2486	-38.46	-10	Pass
			2487	-39.11	-10	Pass
			2488	-40.18	-10	Pass
			2489	-41.66	-10	Pass
			2490	-43.86	-10	Pass
			2491	-46.2	-10	Pass
			2492	-48.92	-10	Pass
			2493	-51.4	-10	Pass
			2494	-53.33	-10	Pass
			2495	-54.73	-10	Pass
			2496	-56.7	-10	Pass
			2497	-60.18	-10	Pass
			2498	-62.72	-10	Pass
			2499	-63.28	-10	Pass
			2499.469	-63.36	-10	Pass
			2500.469	-63.38	-20	Pass
			2501.469	-63.38	-20	Pass
			2502.469	-63.41	-20	Pass
			2503.469	-63.4	-20	Pass
			2504.469	-63.47	-20	Pass
			2505.469	-63.41	-20	Pass
			2506.469	-63.34	-20	Pass
			2507.469	-63.37	-20	Pass
			2508.469	-63.45	-20	Pass
			2509.469	-63.39	-20	Pass
			2510.469	-63.39	-20	Pass
			2511.469	-63.41	-20	Pass
			2512.469	-63.37	-20	Pass
			2513.469	-63.4	-20	Pass
			2514.469	-63.4	-20	Pass
			2515.469	-63.39	-20	Pass
			2515.938	-63.35	-20	Pass
			2399.5	-34.82	-10	Pass
			2398.5	-35.45	-10	Pass
			2397.5	-36.33	-10	Pass
			2396.5	-37.59	-10	Pass
			2395.5	-38.32	-10	Pass
			2394.5	-39.92	-10	Pass
			2393.5	-40.73	-10	Pass

			2392.5	-42.72	-10	Pass	
			2391.5	-44.39	-10	Pass	
			2390.5	-45.02	-10	Pass	
			2389.5	-47.28	-10	Pass	
			2388.5	-48.53	-10	Pass	
			2387.5	-49.93	-10	Pass	
			2386.5	-50.03	-10	Pass	
			2385.5	-51.21	-10	Pass	
			2384.5	-53.67	-10	Pass	
			2383.5	-55.55	-10	Pass	
			2383.126	-57.08	-10	Pass	
			2382.126	-60.07	-20	Pass	
			2381.126	-62.49	-20	Pass	
			2380.126	-63.29	-20	Pass	
			2379.126	-63.6	-20	Pass	
			2378.126	-63.65	-20	Pass	
			2377.126	-63.72	-20	Pass	
			2376.126	-63.88	-20	Pass	
			2375.126	-63.93	-20	Pass	
			2374.126	-63.94	-20	Pass	
			2373.126	-63.89	-20	Pass	
			2372.126	-63.9	-20	Pass	
			2371.126	-63.88	-20	Pass	
			2370.126	-63.74	-20	Pass	
			2369.126	-63.86	-20	Pass	
			2368.126	-63.82	-20	Pass	
			2367.126	-63.85	-20	Pass	
			2366.126	-63.83	-20	Pass	
			2365.752	-63.87	-20	Pass	
		2472		2484	-39.15	-10	Pass
				2485	-39.86	-10	Pass
				2486	-40.72	-10	Pass
				2487	-41.25	-10	Pass
			2488	-42.49	-10	Pass	
			2489	-44.16	-10	Pass	
			2490	-46.25	-10	Pass	
			2491	-48.64	-10	Pass	
			2492	-51.22	-10	Pass	
			2493	-53.54	-10	Pass	
			2494	-55.41	-10	Pass	
			2495	-56.68	-10	Pass	
			2496	-58.6	-10	Pass	
			2497	-61.46	-10	Pass	
			2498	-63.03	-10	Pass	

n40	2422	2499	-63.33	-10	Pass
		2500	-63.35	-10	Pass
		2500.635	-63.29	-10	Pass
		2501.635	-63.34	-20	Pass
		2502.635	-63.34	-20	Pass
		2503.635	-63.34	-20	Pass
		2504.635	-63.36	-20	Pass
		2505.635	-63.41	-20	Pass
		2506.635	-63.38	-20	Pass
		2507.635	-63.38	-20	Pass
		2508.635	-63.35	-20	Pass
		2509.635	-63.35	-20	Pass
		2510.635	-63.33	-20	Pass
		2511.635	-63.35	-20	Pass
		2512.635	-63.4	-20	Pass
		2513.635	-63.31	-20	Pass
		2514.635	-63.35	-20	Pass
		2515.635	-63.33	-20	Pass
		2516.635	-63.34	-20	Pass
		2517.635	-63.31	-20	Pass
		2518.27	-63.33	-20	Pass
		2399.5	-24.27	-10	Pass
		2398.5	-25.06	-10	Pass
		2397.5	-25.71	-10	Pass
		2396.5	-26.48	-10	Pass
		2395.5	-27.23	-10	Pass
		2394.5	-27.92	-10	Pass
		2393.5	-28.54	-10	Pass
		2392.5	-29.14	-10	Pass
		2391.5	-29.71	-10	Pass
		2390.5	-30.26	-10	Pass
		2389.5	-30.89	-10	Pass
		2388.5	-31.55	-10	Pass
		2387.5	-32.32	-10	Pass
		2386.5	-33.2	-10	Pass
		2385.5	-34.14	-10	Pass
		2384.5	-35.57	-10	Pass
		2383.5	-37.54	-10	Pass
		2382.5	-40.57	-10	Pass
		2381.5	-45.4	-10	Pass
2380.5	-51	-10	Pass		
2379.5	-56.5	-10	Pass		
2378.5	-59.98	-10	Pass		
2377.5	-61.46	-10	Pass		

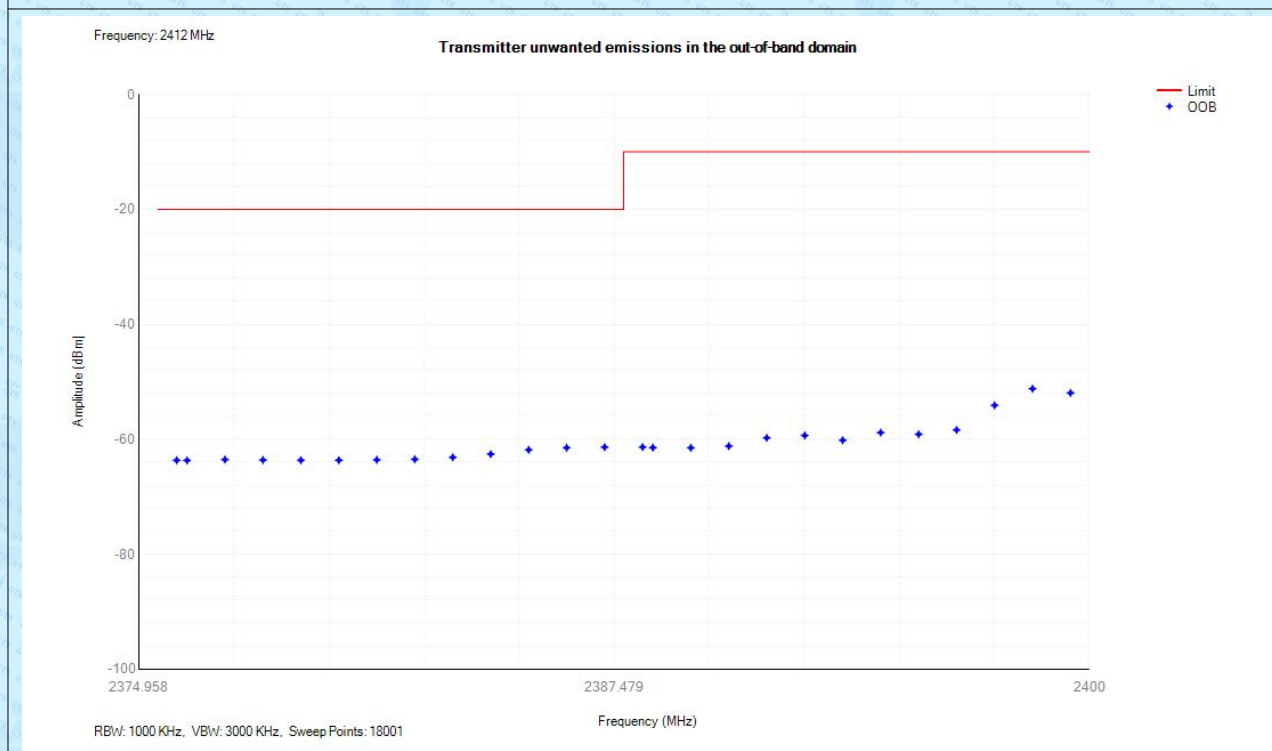
				2376.5	-62.36	-10	Pass
				2375.5	-62.86	-10	Pass
				2374.5	-63.3	-10	Pass
				2373.5	-63.49	-10	Pass
				2372.5	-63.64	-10	Pass
				2371.5	-63.79	-10	Pass
				2370.5	-63.71	-10	Pass
				2369.5	-63.75	-10	Pass
				2368.5	-63.78	-10	Pass
				2367.5	-63.8	-10	Pass
				2366.5	-63.8	-10	Pass
				2365.5	-63.77	-10	Pass
				2364.572	-63.77	-10	Pass
				2363.572	-63.75	-20	Pass
				2362.572	-63.74	-20	Pass
				2361.572	-63.75	-20	Pass
				2360.572	-63.72	-20	Pass
				2359.572	-63.68	-20	Pass
				2358.572	-63.67	-20	Pass
				2357.572	-63.7	-20	Pass
				2356.572	-63.66	-20	Pass
				2355.572	-63.67	-20	Pass
				2354.572	-63.59	-20	Pass
				2353.572	-63.66	-20	Pass
				2352.572	-63.62	-20	Pass
				2351.572	-63.64	-20	Pass
				2350.572	-63.59	-20	Pass
				2349.572	-63.58	-20	Pass
				2348.572	-63.56	-20	Pass
				2347.572	-63.57	-20	Pass
				2346.572	-63.54	-20	Pass
				2345.572	-63.55	-20	Pass
				2344.572	-63.55	-20	Pass
				2343.572	-63.54	-20	Pass
				2342.572	-63.55	-20	Pass
				2341.572	-63.45	-20	Pass
				2340.572	-63.45	-20	Pass
				2339.572	-63.42	-20	Pass
				2338.572	-63.41	-20	Pass
				2337.572	-63.39	-20	Pass
				2336.572	-63.36	-20	Pass
				2335.572	-63.39	-20	Pass
				2334.572	-63.38	-20	Pass
				2333.572	-63.35	-20	Pass

			2332.572	-63.3	-20	Pass
			2331.572	-63.3	-20	Pass
			2330.572	-63.27	-20	Pass
			2329.572	-63.27	-20	Pass
			2328.644	-63.27	-20	Pass
			2484	-25.58	-10	Pass
			2485	-25.62	-10	Pass
			2486	-25.69	-10	Pass
			2487	-26.04	-10	Pass
			2488	-26.75	-10	Pass
			2489	-27.98	-10	Pass
			2490	-29.64	-10	Pass
			2491	-31.47	-10	Pass
			2492	-33.3	-10	Pass
			2493	-34.91	-10	Pass
			2494	-36.59	-10	Pass
			2495	-39.06	-10	Pass
			2496	-43.88	-10	Pass
			2497	-51.19	-10	Pass
			2498	-58.37	-10	Pass
			2499	-61.33	-10	Pass
			2500	-61.75	-10	Pass
			2501	-61.94	-10	Pass
			2502	-62.23	-10	Pass
			2503	-62.59	-10	Pass
			2504	-62.85	-10	Pass
			2505	-62.98	-10	Pass
			2506	-63.01	-10	Pass
			2507	-62.96	-10	Pass
			2508	-62.83	-10	Pass
			2509	-62.89	-10	Pass
			2510	-62.97	-10	Pass
			2511	-63.04	-10	Pass
			2512	-63.1	-10	Pass
			2513	-63.18	-10	Pass
			2514	-63.25	-10	Pass
			2515	-63.27	-10	Pass
			2516	-63.2	-10	Pass
			2517	-63.22	-10	Pass
			2518	-63.23	-10	Pass
			2518.521	-63.22	-10	Pass
			2519.521	-63.16	-20	Pass
			2520.521	-63.19	-20	Pass
			2521.521	-63.2	-20	Pass

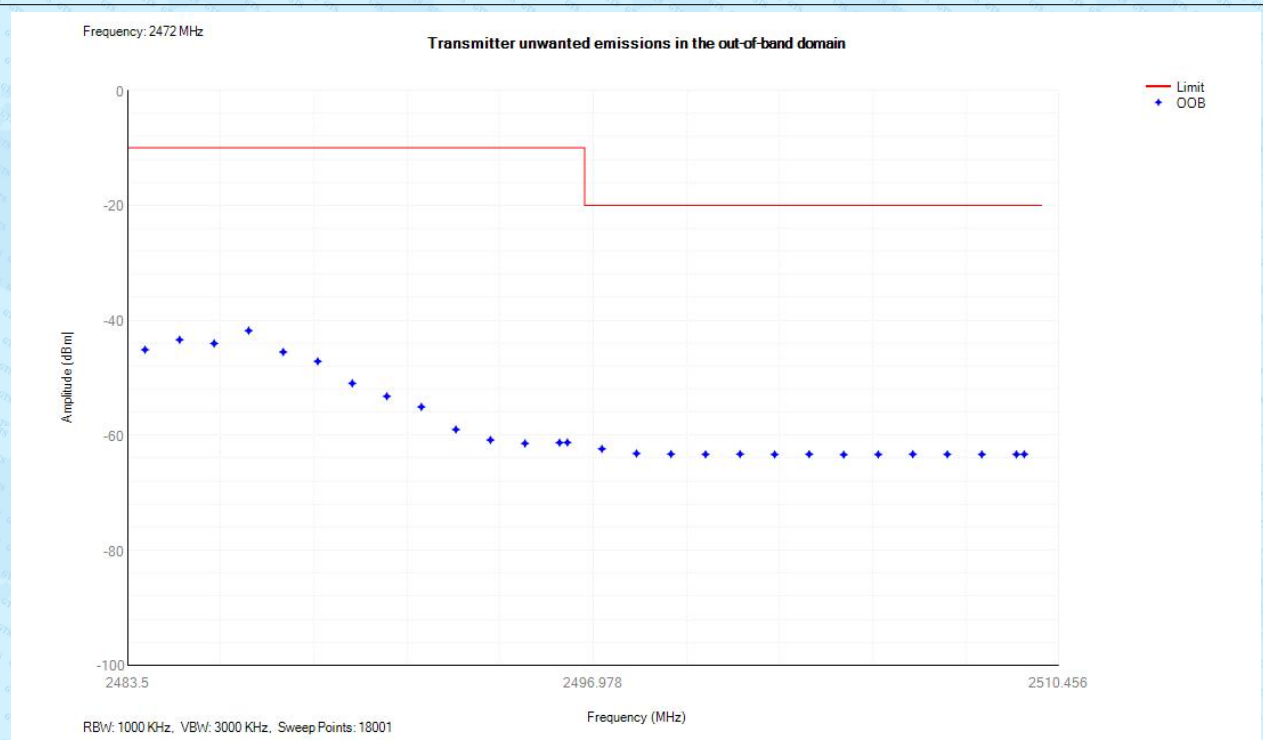
			2522.521	-63.17	-20	Pass
			2523.521	-63.2	-20	Pass
			2524.521	-63.24	-20	Pass
			2525.521	-63.23	-20	Pass
			2526.521	-63.23	-20	Pass
			2527.521	-63.22	-20	Pass
			2528.521	-63.15	-20	Pass
			2529.521	-63.19	-20	Pass
			2530.521	-63.14	-20	Pass
			2531.521	-63.18	-20	Pass
			2532.521	-63.19	-20	Pass
			2533.521	-63.19	-20	Pass
			2534.521	-63.22	-20	Pass
			2535.521	-63.24	-20	Pass
			2536.521	-63.13	-20	Pass
			2537.521	-63.16	-20	Pass
			2538.521	-63.14	-20	Pass
			2539.521	-63.14	-20	Pass
			2540.521	-63.12	-20	Pass
			2541.521	-63.16	-20	Pass
			2542.521	-63.18	-20	Pass
			2543.521	-63.11	-20	Pass
			2544.521	-63.31	-20	Pass
			2545.521	-63.23	-20	Pass
			2546.521	-63.3	-20	Pass
			2547.521	-63.25	-20	Pass
			2548.521	-63.31	-20	Pass
			2549.521	-63.28	-20	Pass
			2550.521	-63.23	-20	Pass
			2551.521	-63.32	-20	Pass
			2552.521	-63.22	-20	Pass
			2553.521	-63.26	-20	Pass
			2554.042	-63.32	-20	Pass

Test Graphs

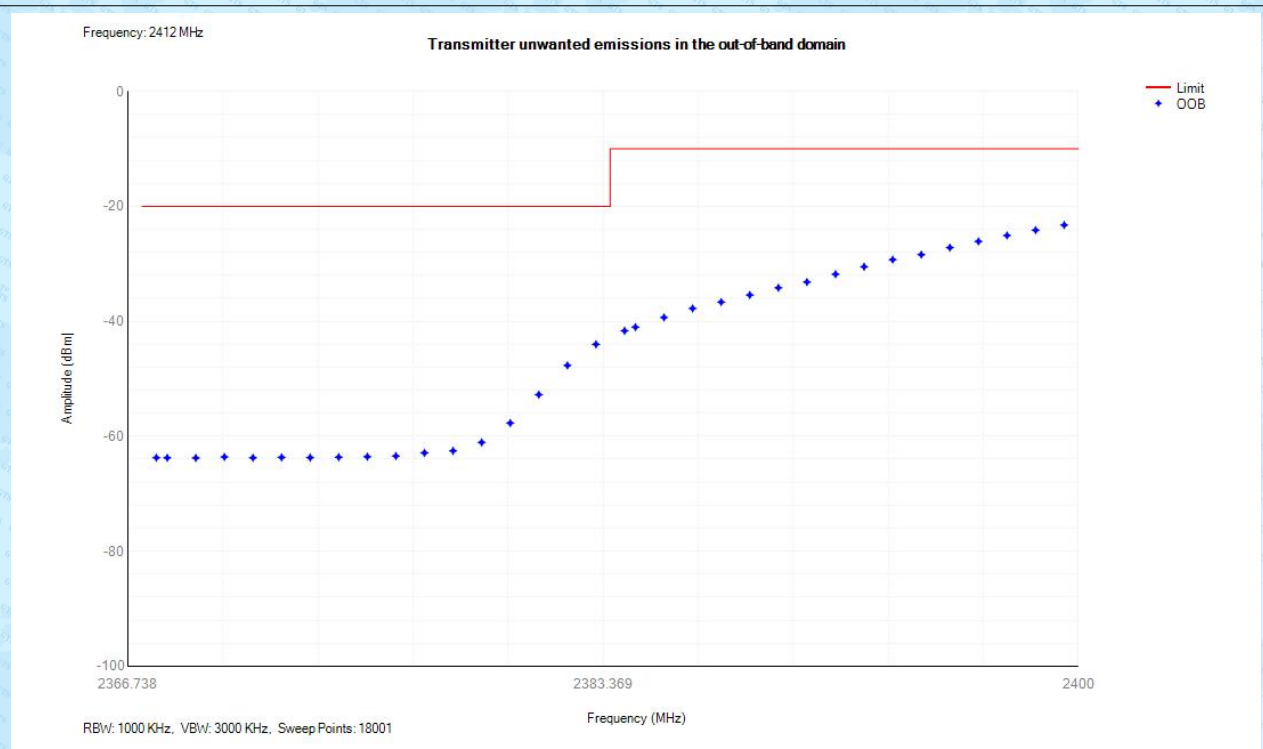
Tx. Emissions OOB NVNT b 2412MHz Ant1

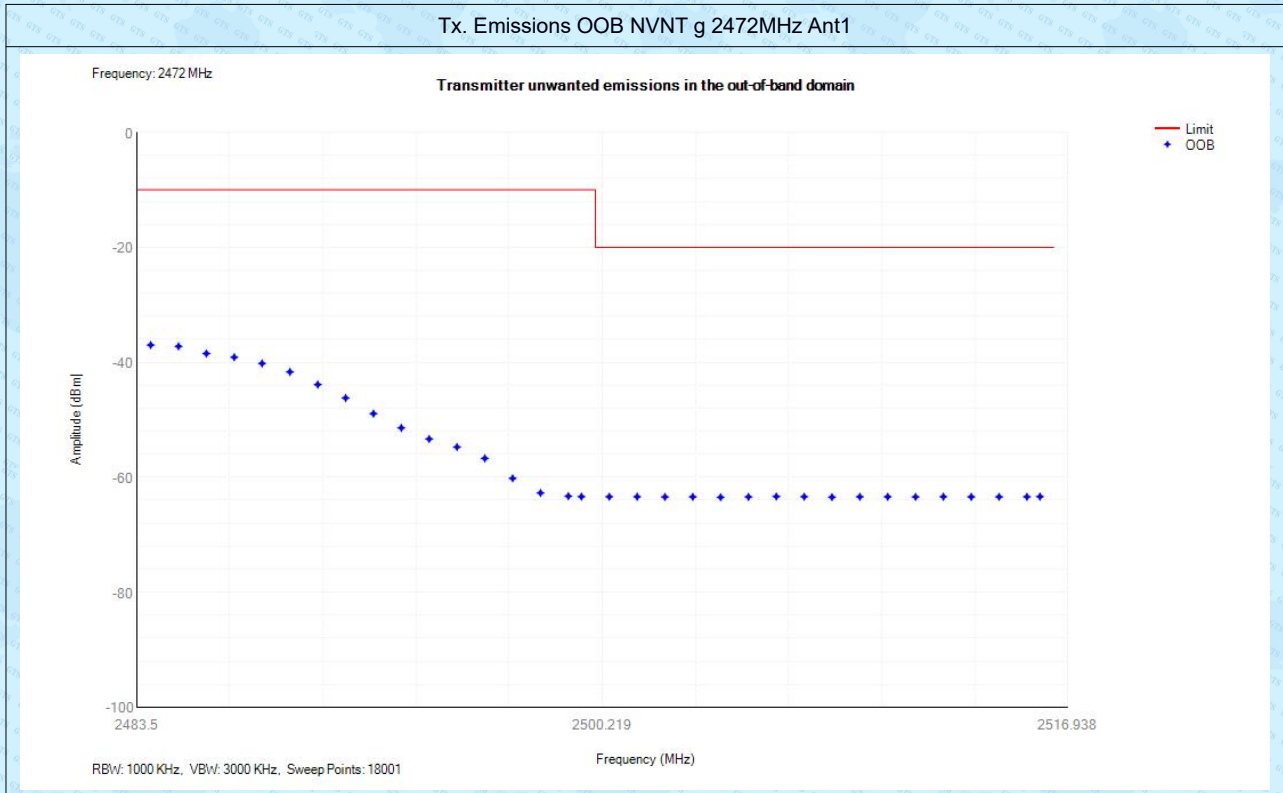


Tx. Emissions OOB NVNT b 2472MHz Ant1

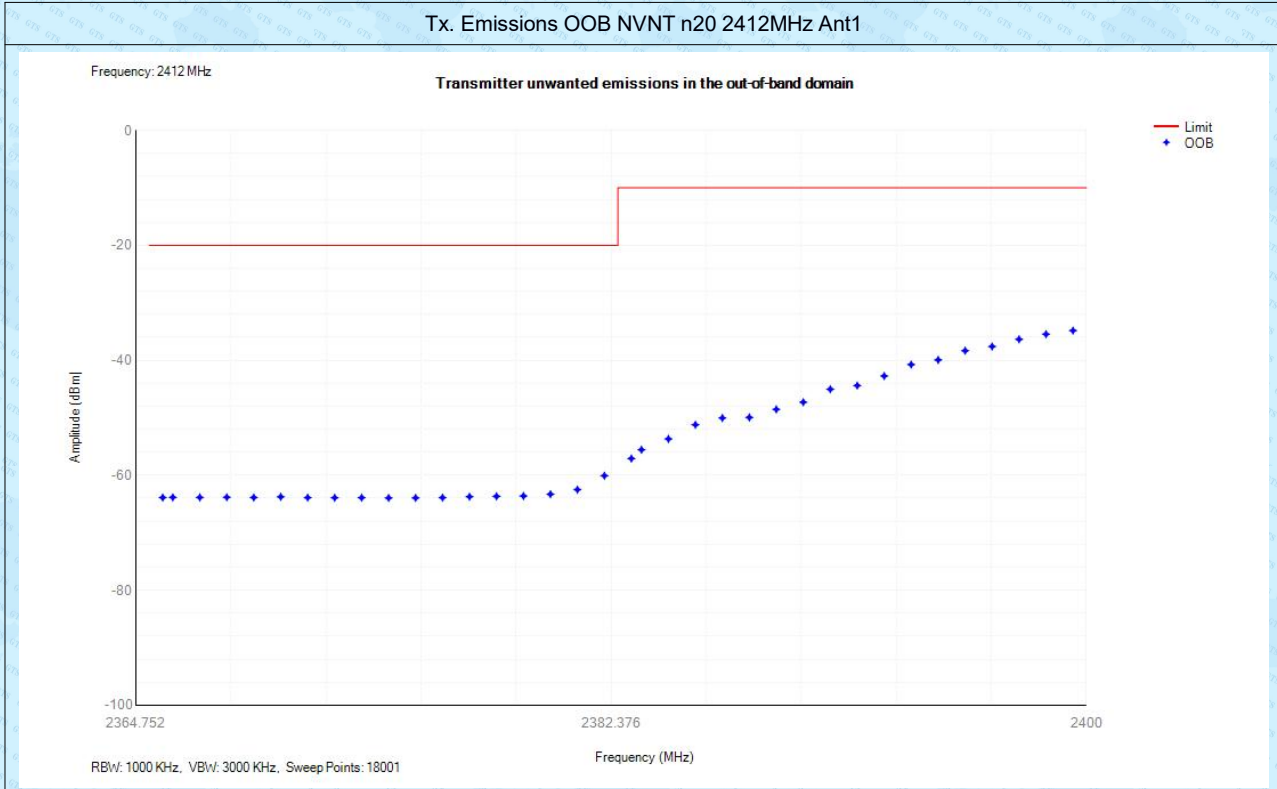


Tx. Emissions OOB NVNT g 2412MHz Ant1

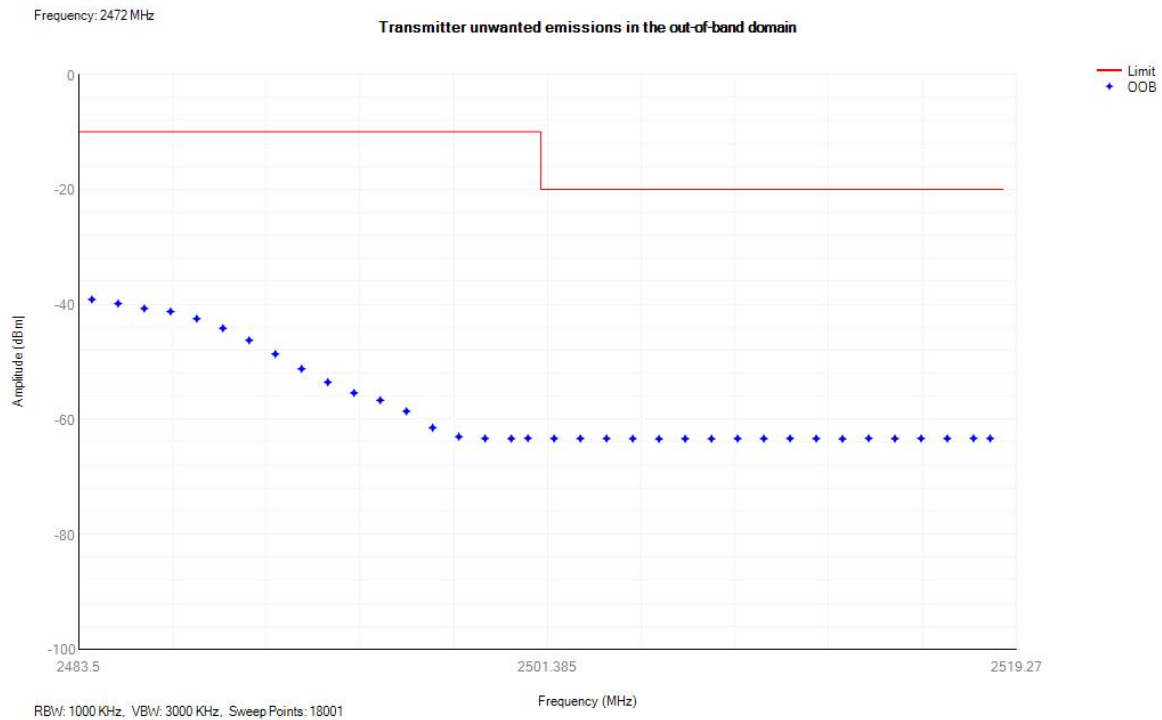




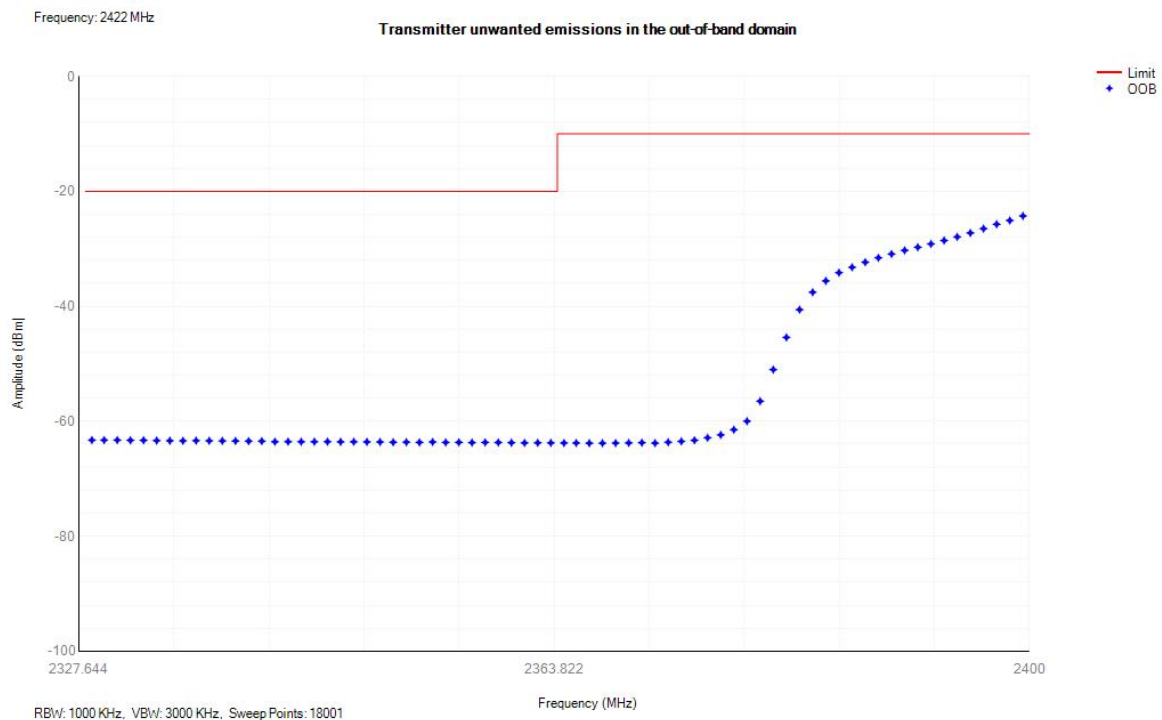
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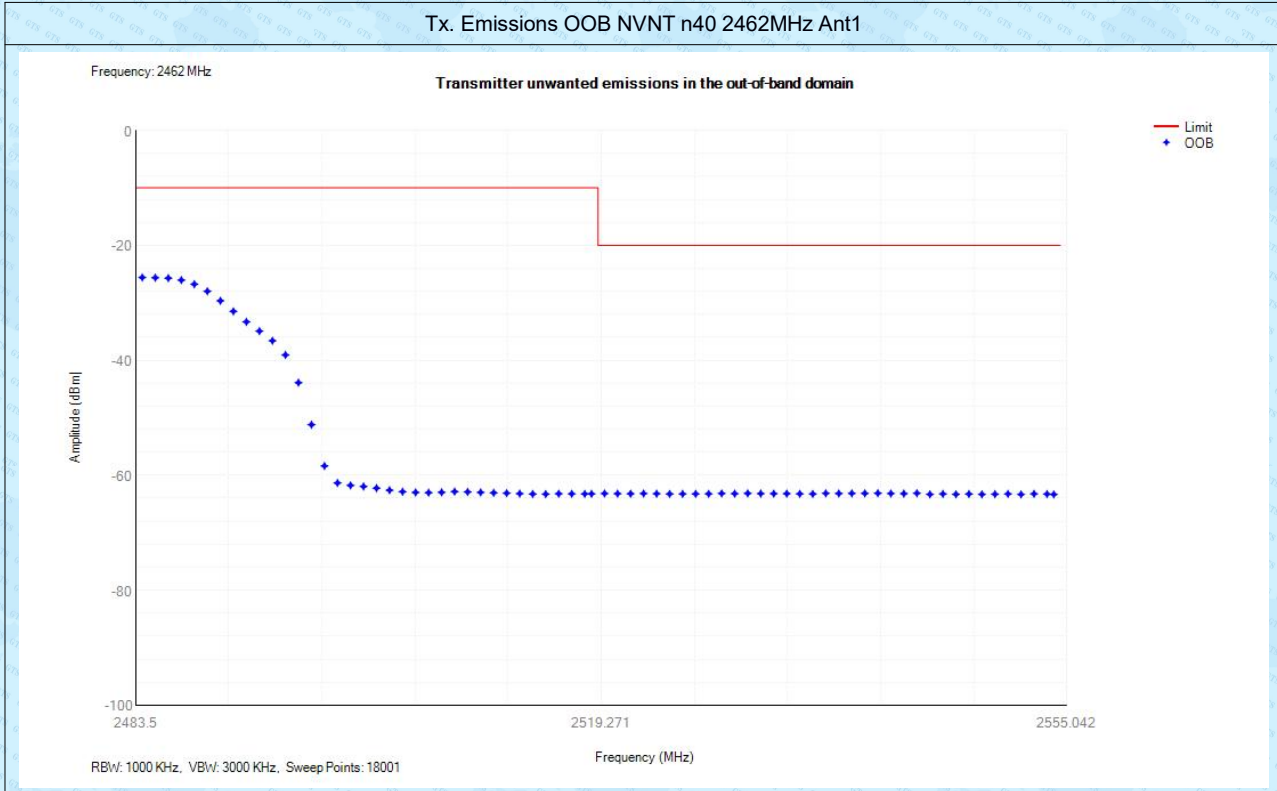
Tx. Emissions OOB NVNT n20 2472MHz Ant1



Tx. Emissions OOB NVNT n40 2422MHz Ant1



Tx. Emissions OOB NVNT n40 2462MHz Ant1



1.5 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	46.75	-66.33	NA	-36	Pass
				47 -74	72.50	-65.43	NA	-54	Pass
				74 -87.5	83.45	-65.33	NA	-36	Pass
				87.5 -118	116.35	-65.12	NA	-54	Pass
				118 -174	170.50	-65.42	NA	-36	Pass
				174 -230	222.30	-64.84	NA	-54	Pass
				230 -470	270.25	-63.53	NA	-36	Pass
				470 -694	641.65	-65.16	NA	-54	Pass
				694 -1000	770.65	-60.88	NA	-36	Pass
				1000 -2360	2048.00	-51.78	NA	-30	Pass
		2523.5 -12750		3452.50	-42.42	NA	-30	Pass	
		30 -47		30.75	-62.66	NA	-36	Pass	
		47 -74		64.10	-66.77	NA	-54	Pass	
		74 -87.5		82.00	-67.05	NA	-36	Pass	
		87.5 -118		106.00	-66.44	NA	-54	Pass	
		118 -174		128.50	-66.04	NA	-36	Pass	
		174 -230		194.10	-66.52	NA	-54	Pass	
		230 -470		273.75	-65.02	NA	-36	Pass	
		470 -694		481.50	-64.93	NA	-54	Pass	
		694 -1000		948.60	-59.69	NA	-36	Pass	
		1000 -2360		2132.00	-51.49	NA	-30	Pass	
		2523.5 -12750		4884.00	-39.01	NA	-30	Pass	
		30 -47		39.20	-66.93	NA	-36	Pass	
		47 -74		60.75	-65.21	NA	-54	Pass	
		74 -87.5		74.65	-66.50	NA	-36	Pass	
		87.5 -118		105.60	-67.10	NA	-54	Pass	
		118 -174		162.05	-66.76	NA	-36	Pass	
		174 -230		177.30	-66.72	NA	-54	Pass	
		230 -470		270.00	-65.61	NA	-36	Pass	
		470 -694		561.50	-65.51	NA	-54	Pass	
	694 -1000	948.60		-61.61	NA	-36	Pass		
	1000 -2360	2172.50		-51.30	NA	-30	Pass		
	2523.5 -12750	7431.00		-46.73	NA	-30	Pass		
	30 -47	30.50		-56.27	NA	-36	Pass		
	47 -74	70.75		-55.34	-67.58	-54	Pass		
	74 -87.5	86.45		-55.61	NA	-36	Pass		
	87.5 -118	108.15		-54.91	-66.53	-54	Pass		

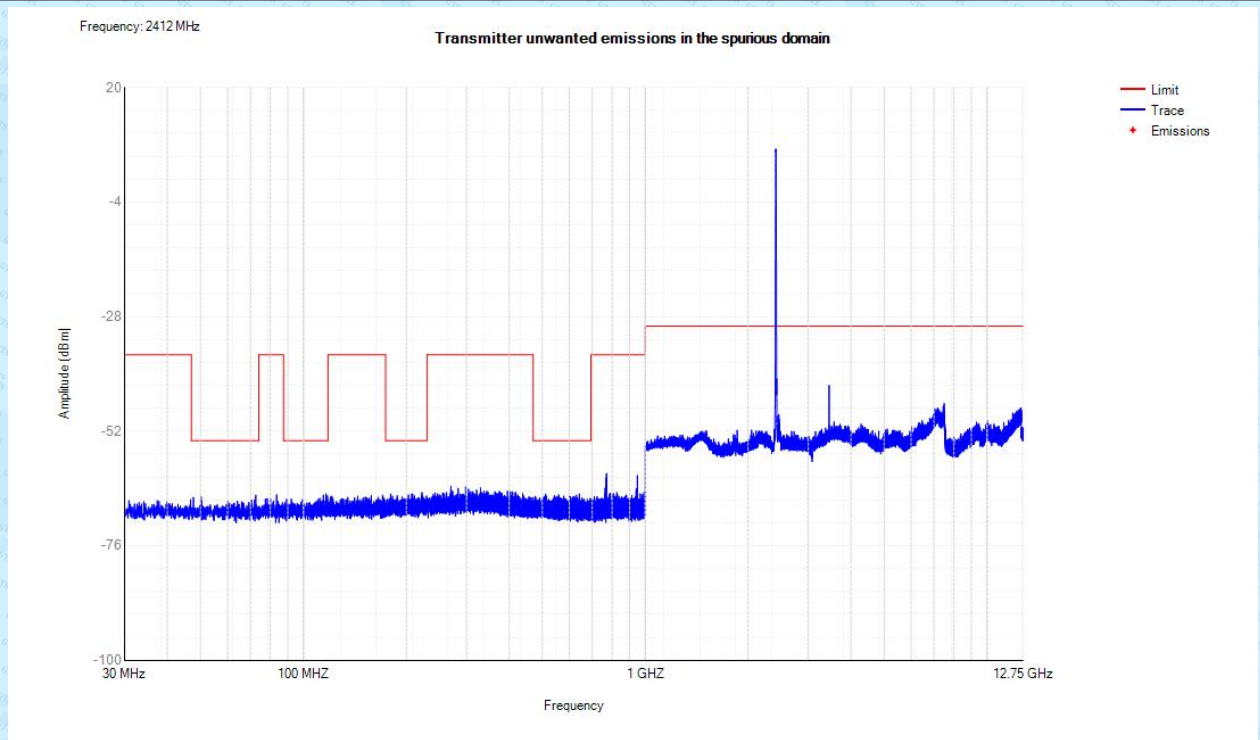
		2442	118 -174	166.75	-53.59	NA	-36	Pass	
			174 -230	200.30	-53.03	-64.93	-54	Pass	
			230 -470	337.70	-51.99	NA	-36	Pass	
			470 -694	492.10	-54.18	-66.55	-54	Pass	
			694 -1000	739.80	-55.10	NA	-36	Pass	
			1000 -2360	1465.50	-42.95	NA	-30	Pass	
			2523.5 -12750	4818.00	-42.42	NA	-30	Pass	
			30 -47	36.35	-67.19	NA	-36	Pass	
			47 -74	58.65	-66.34	NA	-54	Pass	
			74 -87.5	76.10	-67.06	NA	-36	Pass	
			87.5 -118	95.15	-66.66	NA	-54	Pass	
			118 -174	121.40	-66.14	NA	-36	Pass	
			174 -230	183.60	-65.18	NA	-54	Pass	
			230 -470	408.55	-65.37	NA	-36	Pass	
			470 -694	540.05	-66.04	NA	-54	Pass	
			694 -1000	948.55	-60.49	NA	-36	Pass	
			1000 -2360	2234.00	-51.62	NA	-30	Pass	
			2523.5 -12750	3454.00	-39.61	NA	-30	Pass	
			30 -47	35.70	-66.95	NA	-36	Pass	
			47 -74	71.35	-66.61	NA	-54	Pass	
			74 -87.5	80.10	-66.49	NA	-36	Pass	
			87.5 -118	110.40	-66.84	NA	-54	Pass	
			118 -174	169.95	-66.79	NA	-36	Pass	
			174 -230	188.25	-66.12	NA	-54	Pass	
		230 -470	270.05	-64.69	NA	-36	Pass		
		470 -694	543.85	-66.37	NA	-54	Pass		
		694 -1000	948.60	-60.53	NA	-36	Pass		
		1000 -2360	2291.50	-51.44	NA	-30	Pass		
		2523.5 -12750	3440.00	-37.62	NA	-30	Pass		
		n20	2412	30 -47	41.30	-62.07	NA	-36	Pass
				47 -74	52.00	-61.49	NA	-54	Pass
				74 -87.5	76.80	-60.79	NA	-36	Pass
				87.5 -118	116.70	-61.07	NA	-54	Pass
				118 -174	118.20	-59.96	NA	-36	Pass
				174 -230	224.35	-59.13	-70.28	-54	Pass
				230 -470	249.30	-57.11	NA	-36	Pass
470 -694	483.05			-60.00	-71.81	-54	Pass		
694 -1000	948.55			-58.94	NA	-36	Pass		
1000 -2360	1459.00			-46.70	NA	-30	Pass		
2523.5 -12750	3498.00			-35.53	-62.3	-30	Pass		

	2442	30 -47	38.80	-66.69	NA	-36	Pass
		47 -74	49.05	-67.60	NA	-54	Pass
		74 -87.5	81.70	-66.74	NA	-36	Pass
		87.5 -118	110.20	-66.52	NA	-54	Pass
		118 -174	172.00	-66.52	NA	-36	Pass
		174 -230	214.80	-66.14	NA	-54	Pass
		230 -470	323.65	-64.81	NA	-36	Pass
		470 -694	646.70	-65.96	NA	-54	Pass
		694 -1000	948.50	-62.12	NA	-36	Pass
		1000 -2360	2200.00	-50.90	NA	-30	Pass
		2523.5 -12750	4886.50	-44.42	NA	-30	Pass
	2472	30 -47	32.15	-67.04	NA	-36	Pass
		47 -74	51.85	-66.41	NA	-54	Pass
		74 -87.5	84.55	-67.23	NA	-36	Pass
		87.5 -118	110.15	-66.39	NA	-54	Pass
		118 -174	157.25	-66.58	NA	-36	Pass
		174 -230	203.15	-66.37	NA	-54	Pass
		230 -470	397.05	-65.34	NA	-36	Pass
		470 -694	548.75	-66.54	NA	-54	Pass
		694 -1000	948.50	-61.23	NA	-36	Pass
		1000 -2360	2140.00	-51.24	NA	-30	Pass
		2523.5 -12750	3468.50	-35.16	-57.4	-30	Pass
	2422	30 -47	39.80	-60.81	NA	-36	Pass
		47 -74	64.65	-60.35	NA	-54	Pass
		74 -87.5	85.90	-60.19	NA	-36	Pass
		87.5 -118	115.90	-59.07	-70.43	-54	Pass
		118 -174	157.00	-58.03	NA	-36	Pass
		174 -230	209.35	-57.44	-69.11	-54	Pass
		230 -470	312.05	-56.12	NA	-36	Pass
		470 -694	493.30	-58.18	-70.45	-54	Pass
		694 -1000	948.60	-58.06	NA	-36	Pass
		1000 -2320	1476.50	-46.52	NA	-30	Pass
		2563.5 -12750	3484.50	-42.59	NA	-30	Pass
	n40	30 -47	34.15	-66.89	NA	-36	Pass
		47 -74	73.25	-66.55	NA	-54	Pass
		74 -87.5	81.60	-66.70	NA	-36	Pass
		87.5 -118	103.85	-66.40	NA	-54	Pass
		118 -174	133.75	-66.98	NA	-36	Pass
		174 -230	225.00	-66.62	NA	-54	Pass
		230 -470	395.15	-65.14	NA	-36	Pass
		470 -694	492.55	-66.29	NA	-54	Pass
	2442	30 -47	34.15	-66.89	NA	-36	Pass
		47 -74	73.25	-66.55	NA	-54	Pass
		74 -87.5	81.60	-66.70	NA	-36	Pass
		87.5 -118	103.85	-66.40	NA	-54	Pass
		118 -174	133.75	-66.98	NA	-36	Pass
		174 -230	225.00	-66.62	NA	-54	Pass
		230 -470	395.15	-65.14	NA	-36	Pass
		470 -694	492.55	-66.29	NA	-54	Pass

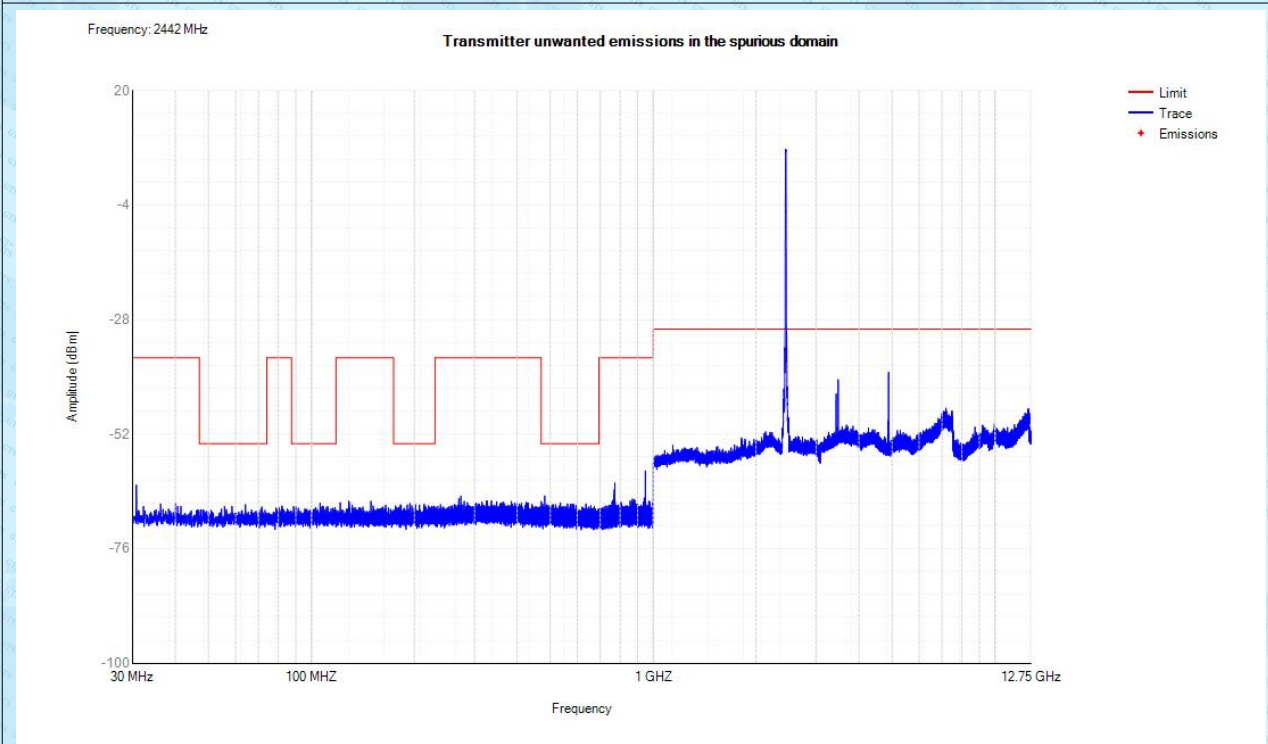
		2462	694 -1000	948.55	-59.11	NA	-36	Pass
			1000 -2320	2243.50	-51.73	NA	-30	Pass
			2563.5	3444.00	-34.13	-50.23	-30	Pass
			-12750					
			30 -47	44.50	-66.63	NA	-36	Pass
			47 -74	50.50	-66.89	NA	-54	Pass
			74 -87.5	81.55	-67.18	NA	-36	Pass
			87.5 -118	92.70	-66.75	NA	-54	Pass
			118 -174	141.25	-66.16	NA	-36	Pass
			174 -230	181.10	-65.97	NA	-54	Pass
			230 -470	417.95	-65.00	NA	-36	Pass
			470 -694	584.45	-64.91	NA	-54	Pass
			694 -1000	948.60	-63.22	NA	-36	Pass
			1000 -2320	2199.50	-51.56	NA	-30	Pass
			2563.5	3402.00	-41.02	NA	-30	Pass
			-12750					

Test Graphs

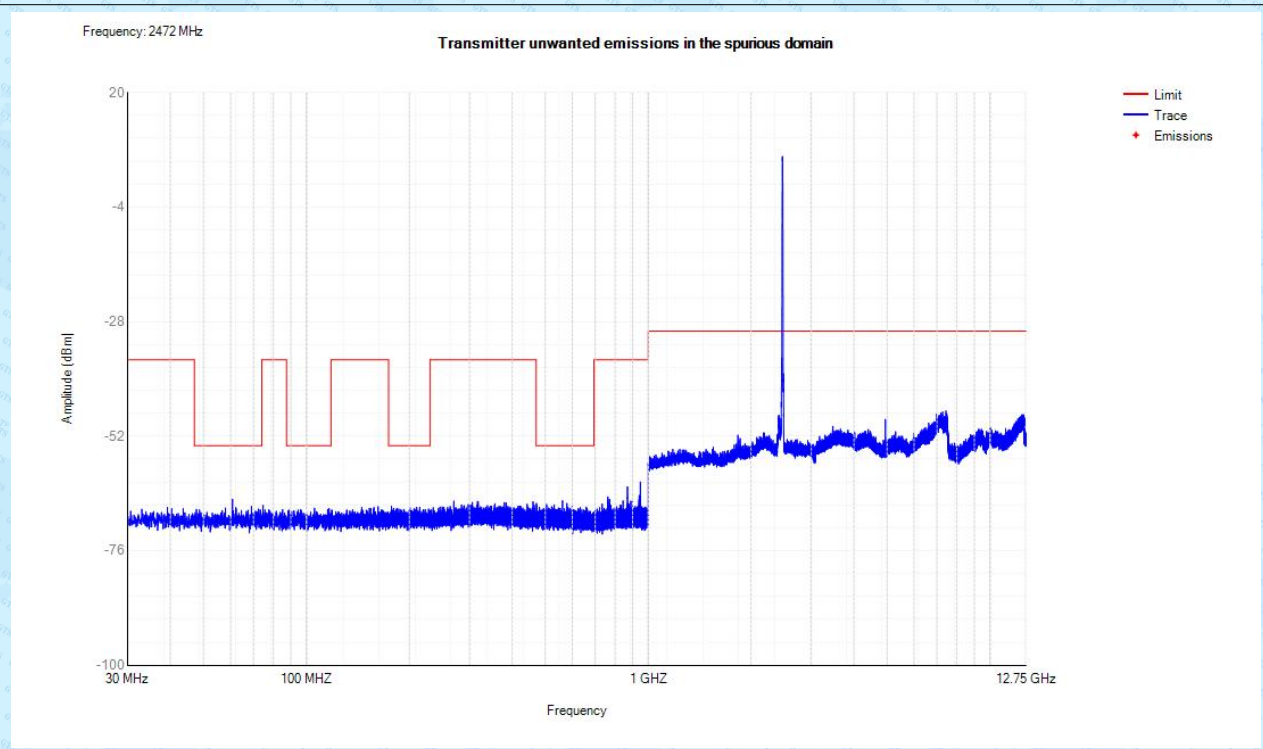
Tx. Spurious NVNT b 2412MHz Ant1



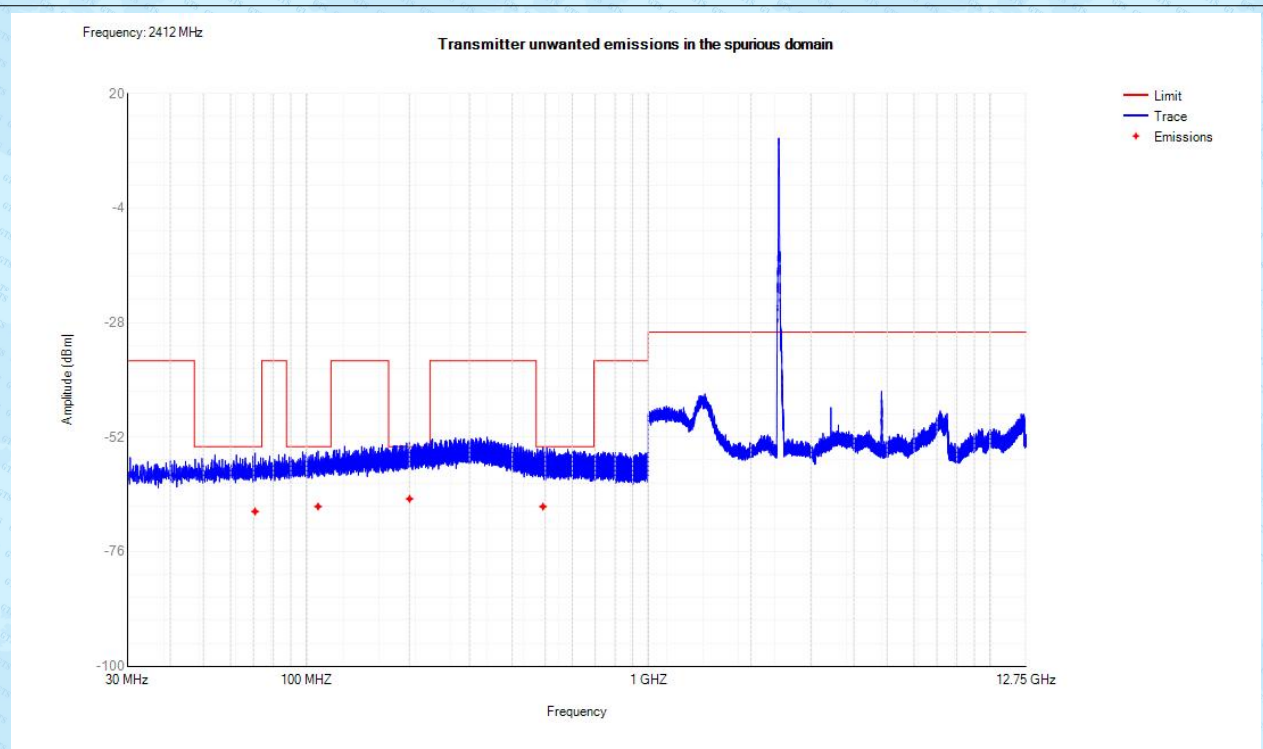
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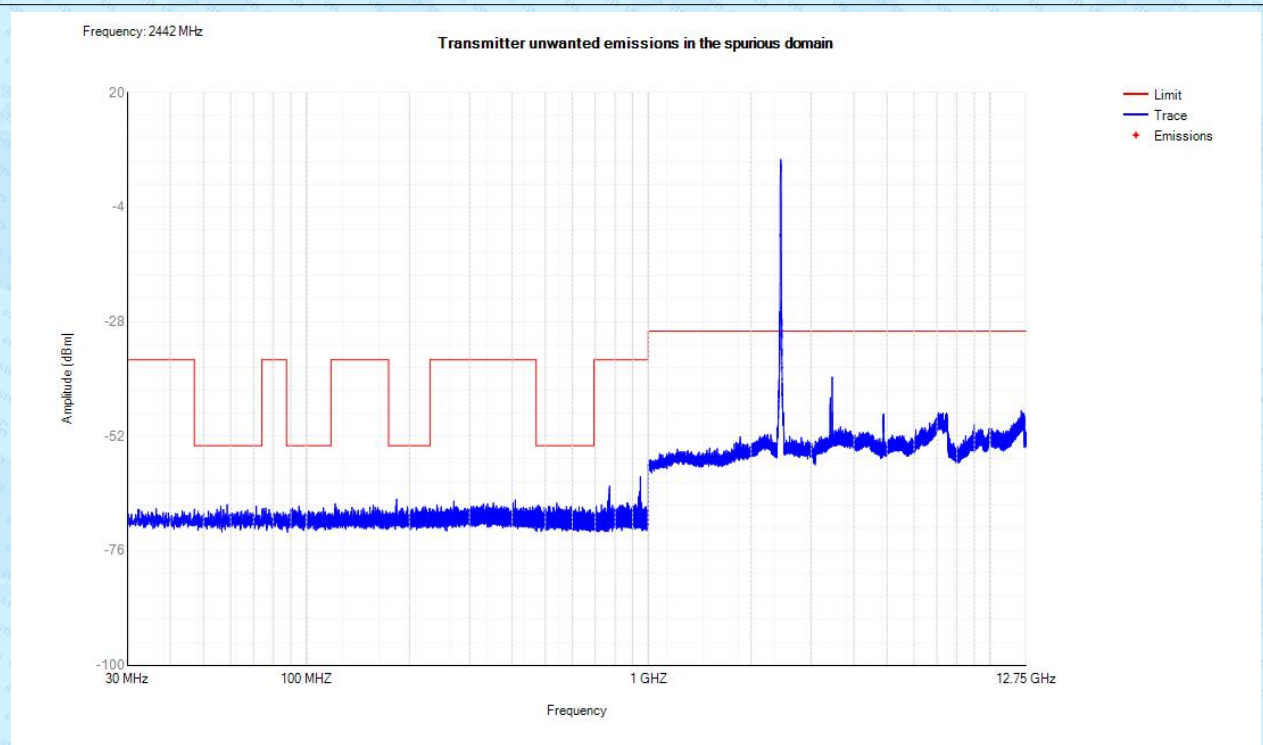
Tx. Spurious NVNT b 2472MHz Ant1



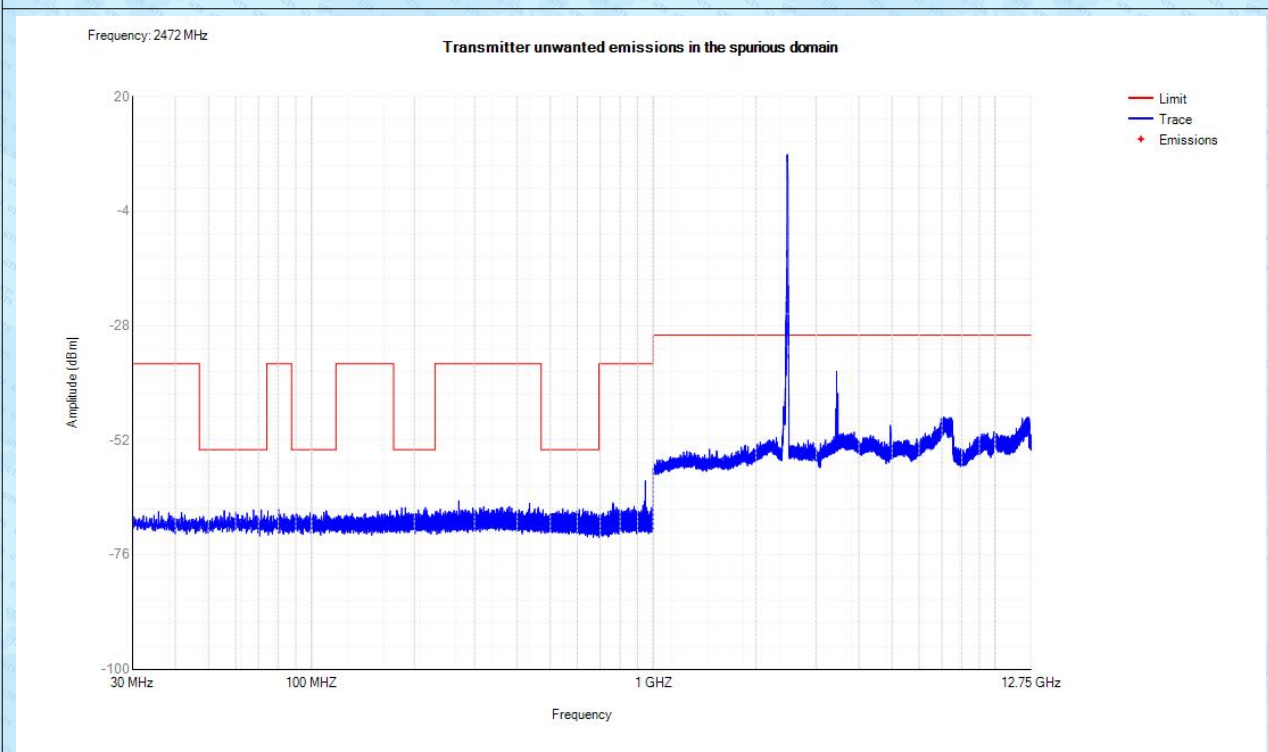
Tx. Spurious NVNT g 2412MHz Ant1



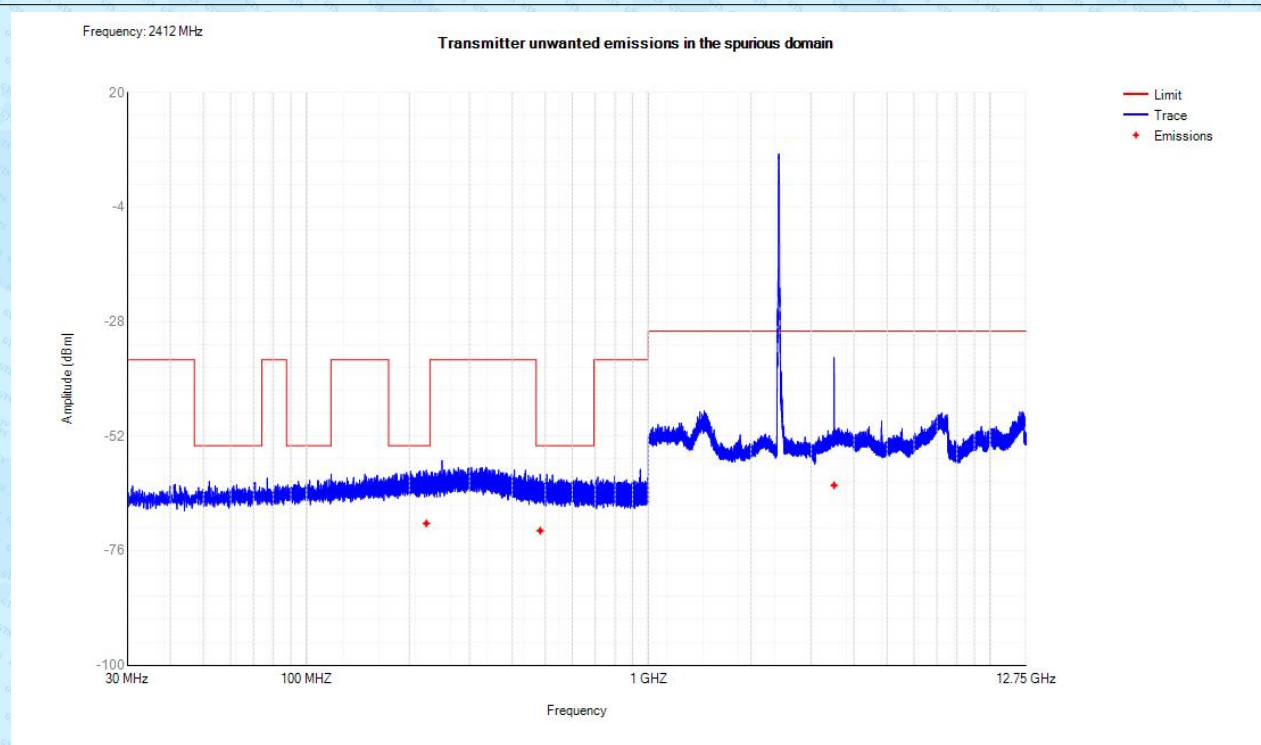
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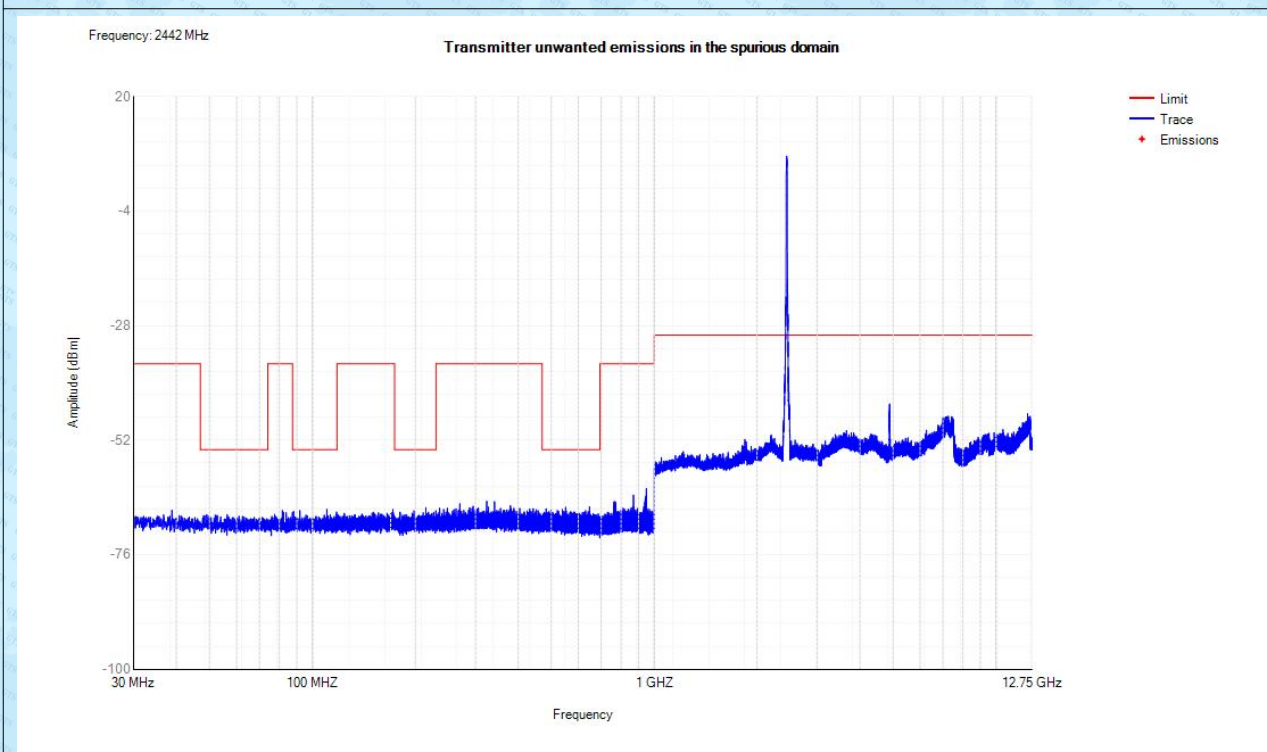
Tx. Spurious NVNT g 2472MHz Ant1



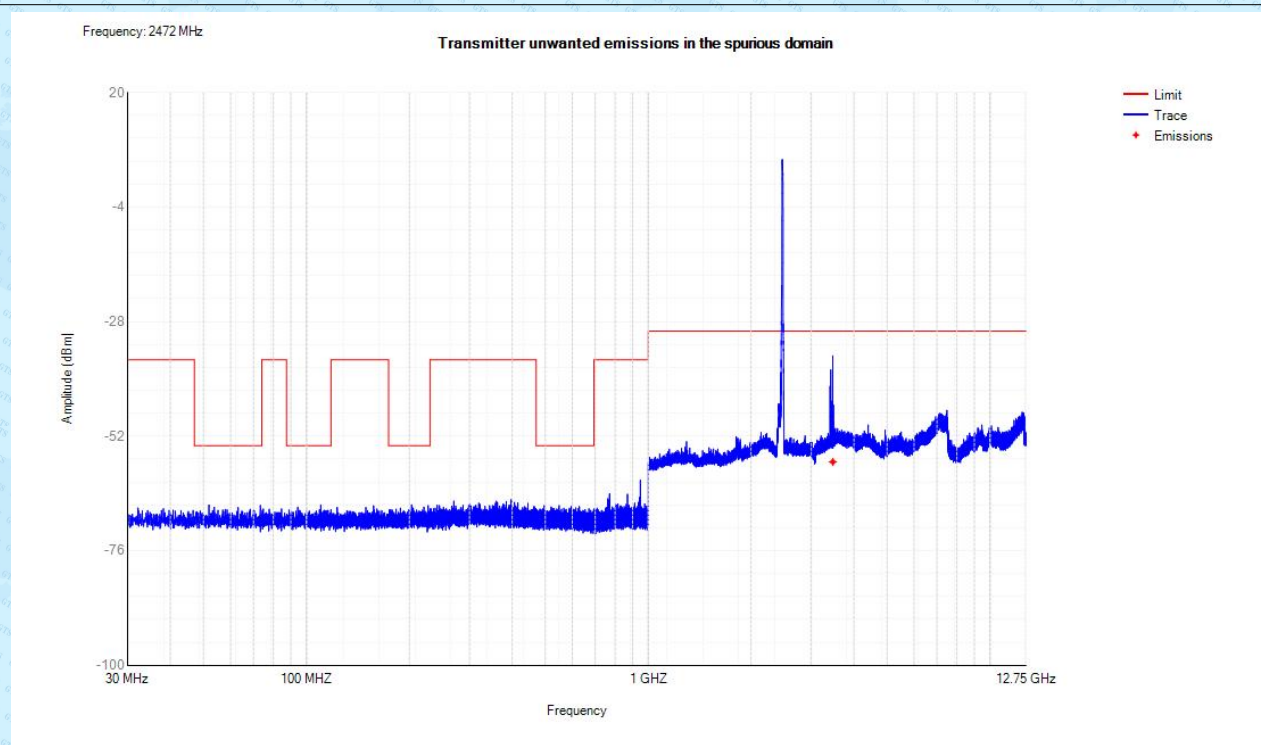
Tx. Spurious NVNT n20 2412MHz Ant1



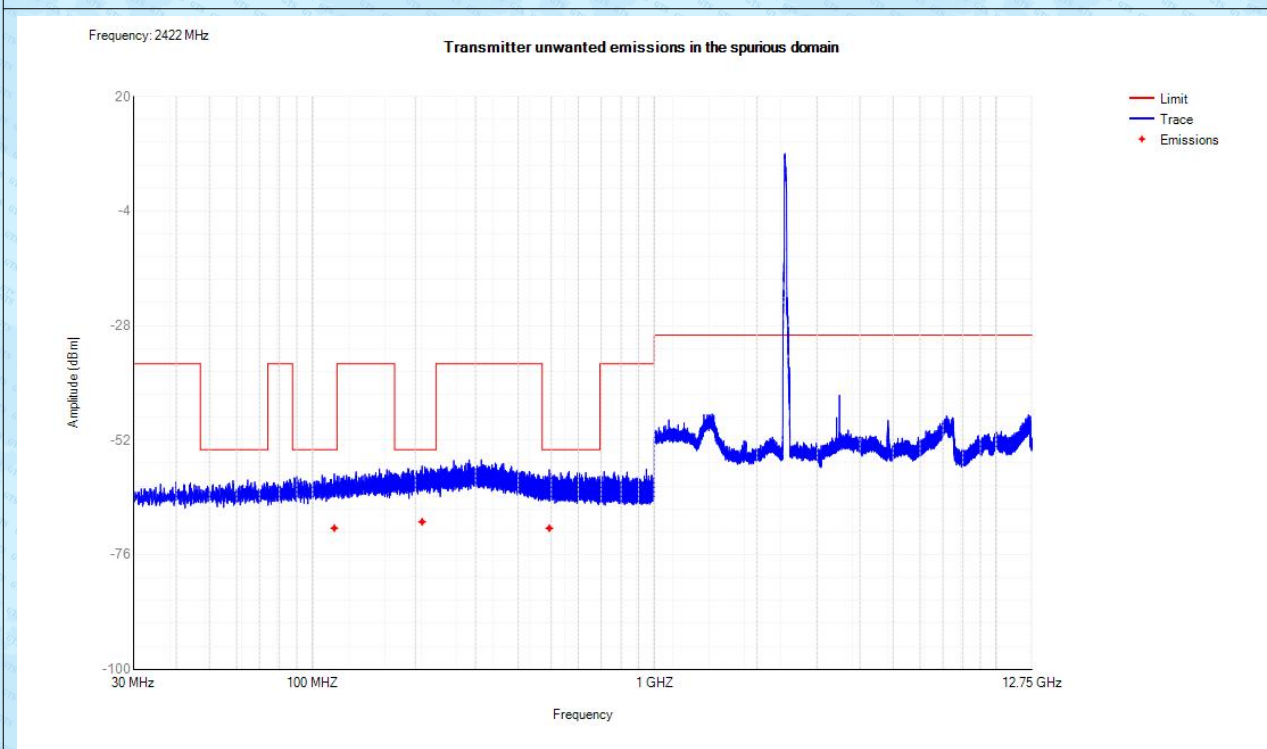
Tx. Spurious NVNT n20 2442MHz Ant1



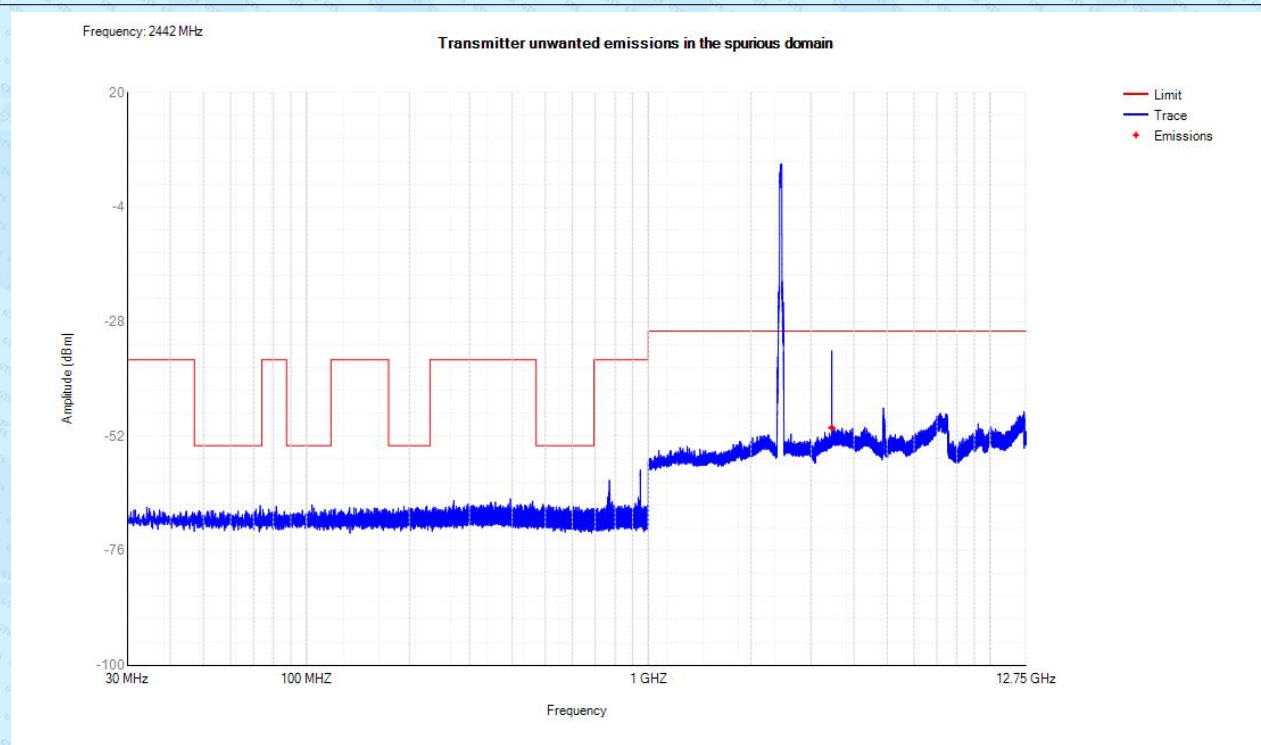
Tx. Spurious NVNT n20 2472MHz Ant1



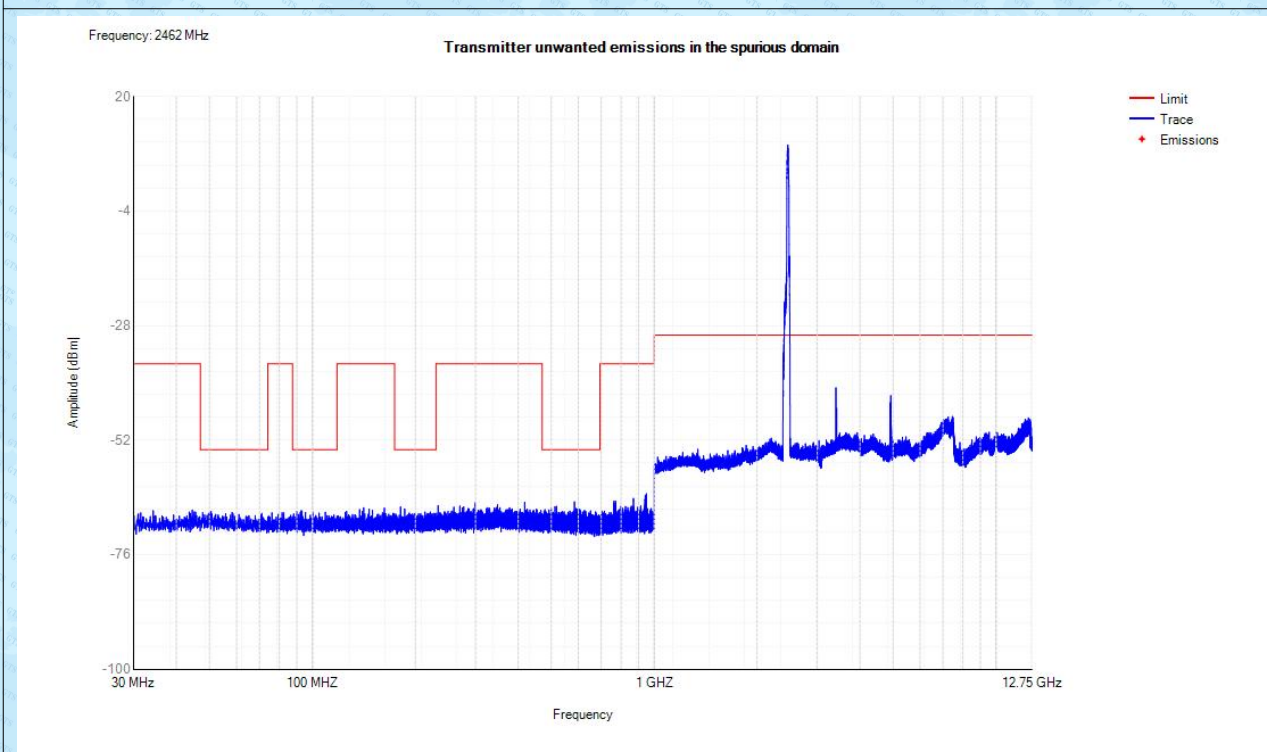
Tx. Spurious NVNT n40 2422MHz Ant1



Tx. Spurious NVNT n40 2442MHz Ant1



Tx. Spurious NVNT n40 2462MHz Ant1

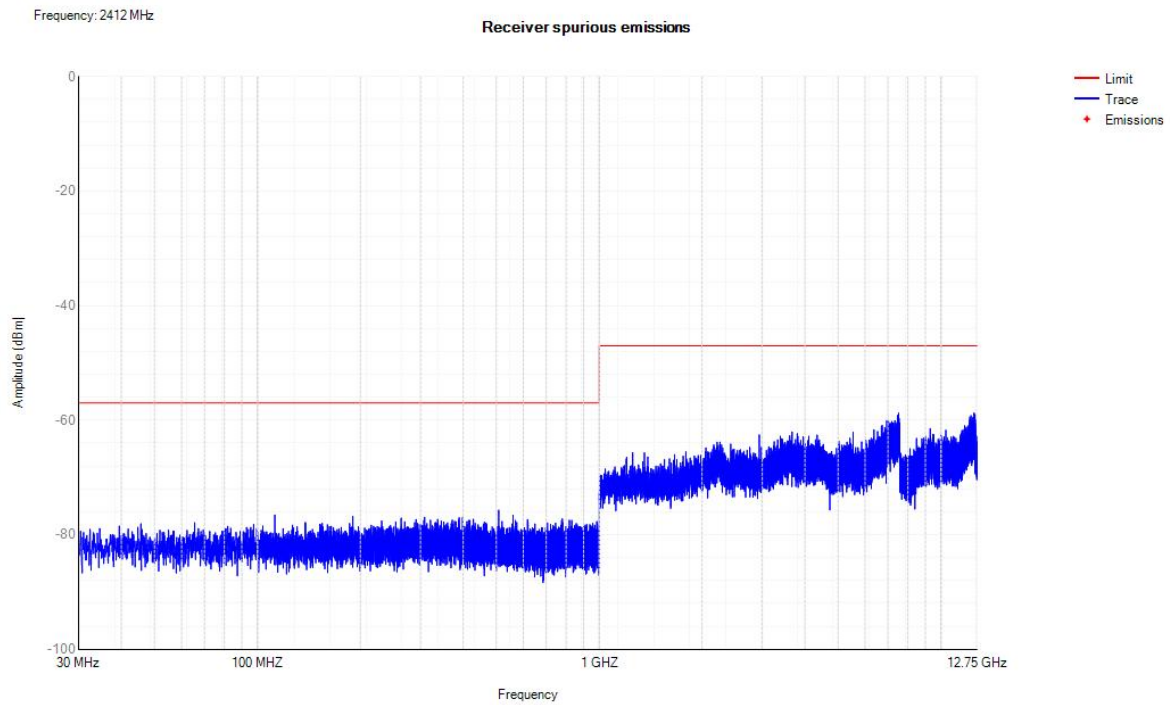


1.6 Receiver spurious emissions

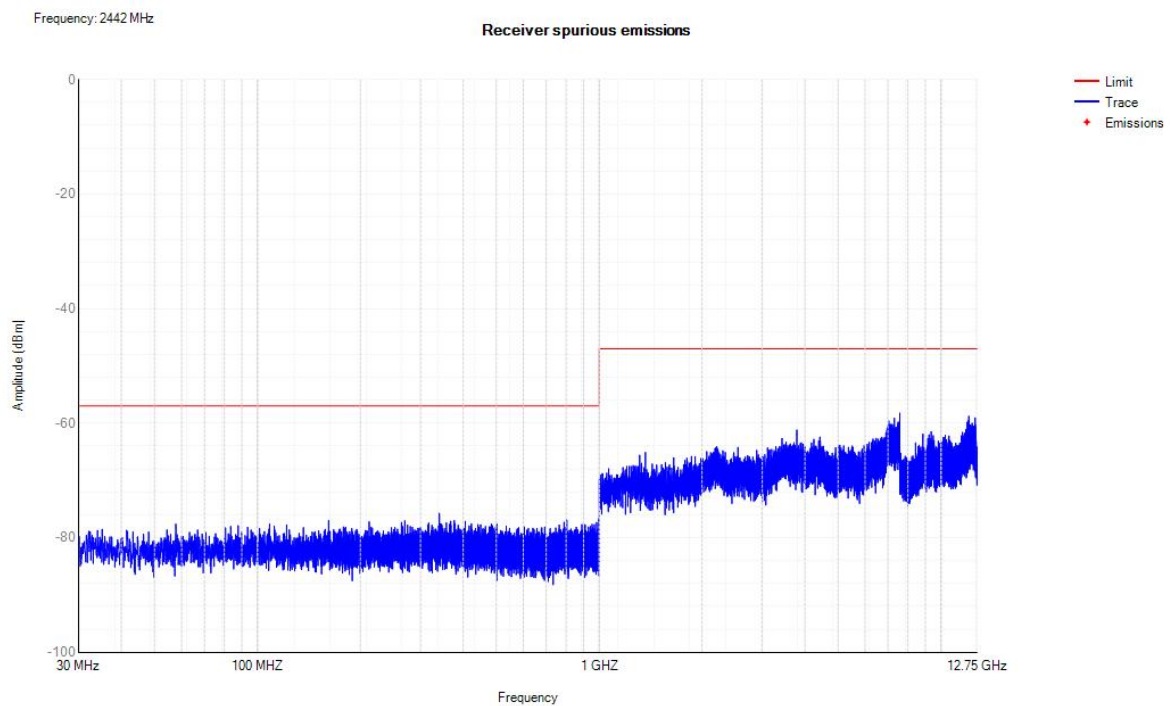
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	30 -1000	508.2	-75.71	NA	-57	Pass
				1000 -12750	12488	-58.73	NA	-47	Pass
				2442	30 -1000	340.55	-75.73	NA	-57
		1000 -12750			7577	-58.24	NA	-47	Pass
		2472			30 -1000	341.6	-76.14	NA	-57
				1000 -12750	7272	-58.51	NA	-47	Pass
	g			2412	30 -1000	366.05	-75.82	NA	-57
		1000 -12750			12401	-58.78	NA	-47	Pass
		2442			30 -1000	246.8	-75.68	NA	-57
				1000 -12750	12227.5	-58.63	NA	-47	Pass
				2472	30 -1000	991.9	-76.24	NA	-57
		1000 -12750			12592.5	-58.80	NA	-47	Pass
	n20	2412			30 -1000	345.05	-75.92	NA	-57
				1000 -12750	11973.5	-58.27	NA	-47	Pass
				2442	30 -1000	337.25	-76.92	NA	-57
		1000 -12750			12374	-57.72	NA	-47	Pass
		2472			30 -1000	314.65	-75.94	NA	-57
				1000 -12750	7236.5	-58.45	NA	-47	Pass
	n40			2422	30 -1000	139.9	-74.35	NA	-57
		1000 -12750			7125.5	-58.95	NA	-47	Pass
		2442			30 -1000	361.85	-76.24	NA	-57
				1000 -12750	12535.5	-58.58	NA	-47	Pass
				2462	30 -1000	354.85	-75.59	NA	-57
		1000 -12750			12563	-58.01	NA	-47	Pass

Test Graphs

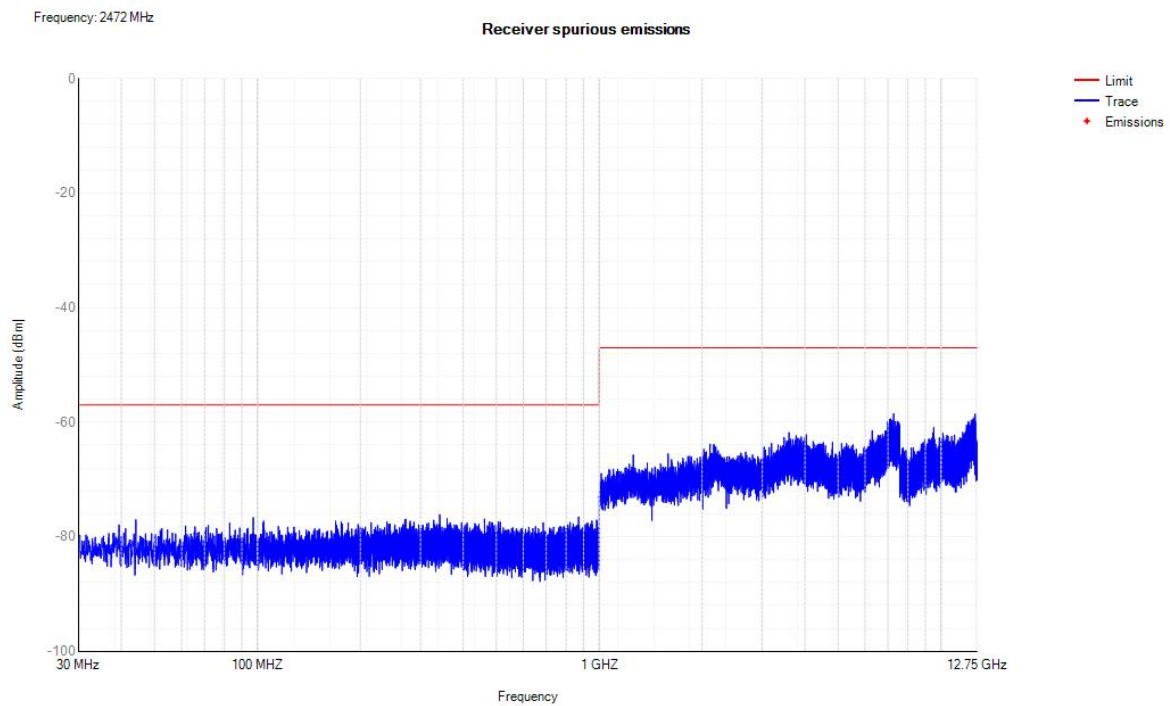
Rx. Spurious NVNT b 2412MHz Ant1



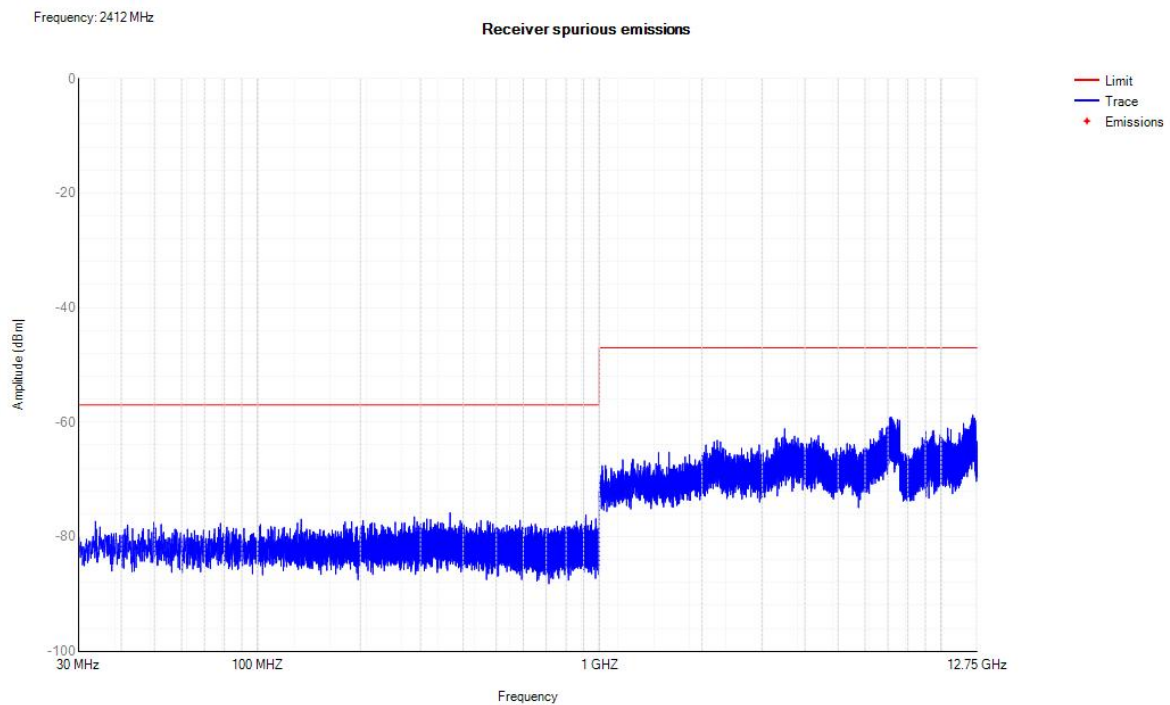
Rx. Spurious NVNT b 2442MHz Ant1



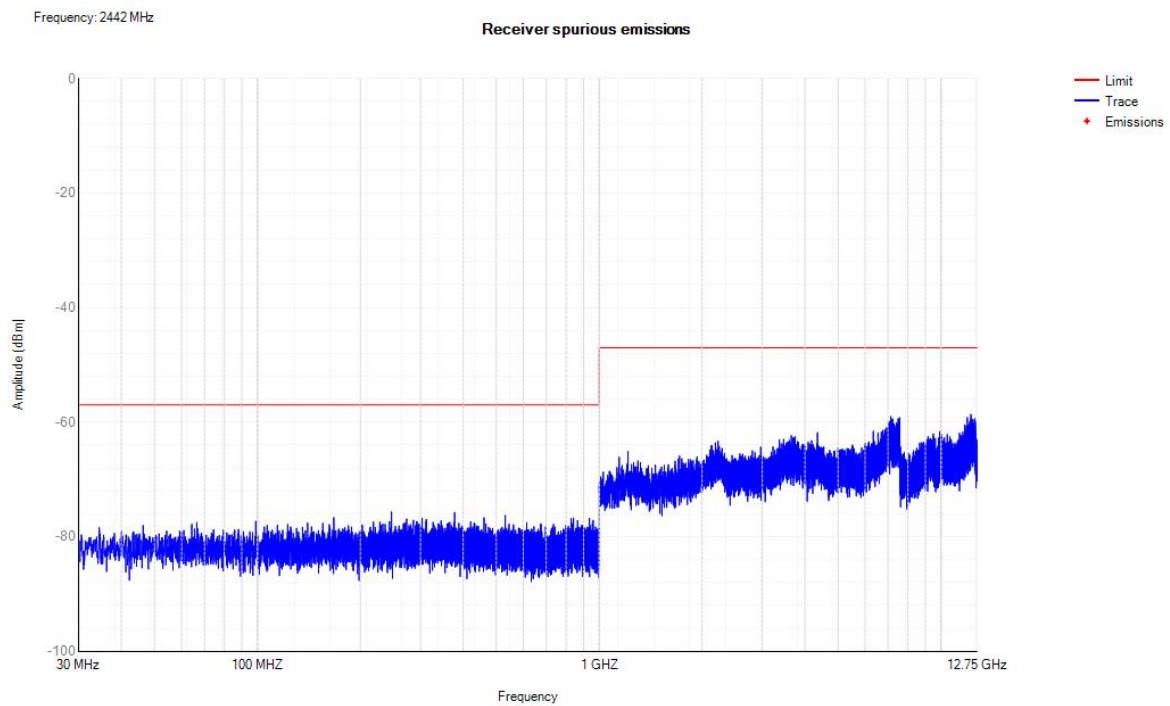
Rx. Spurious NVNT b 2472MHz Ant1



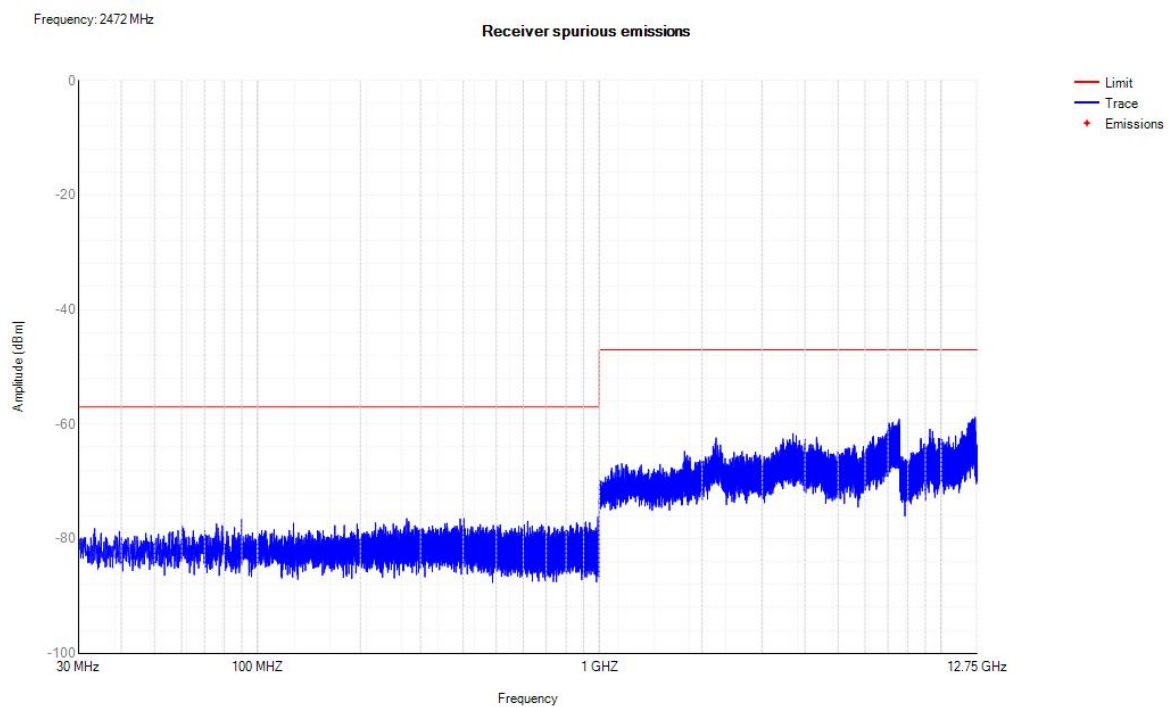
Rx. Spurious NVNT g 2412MHz Ant1



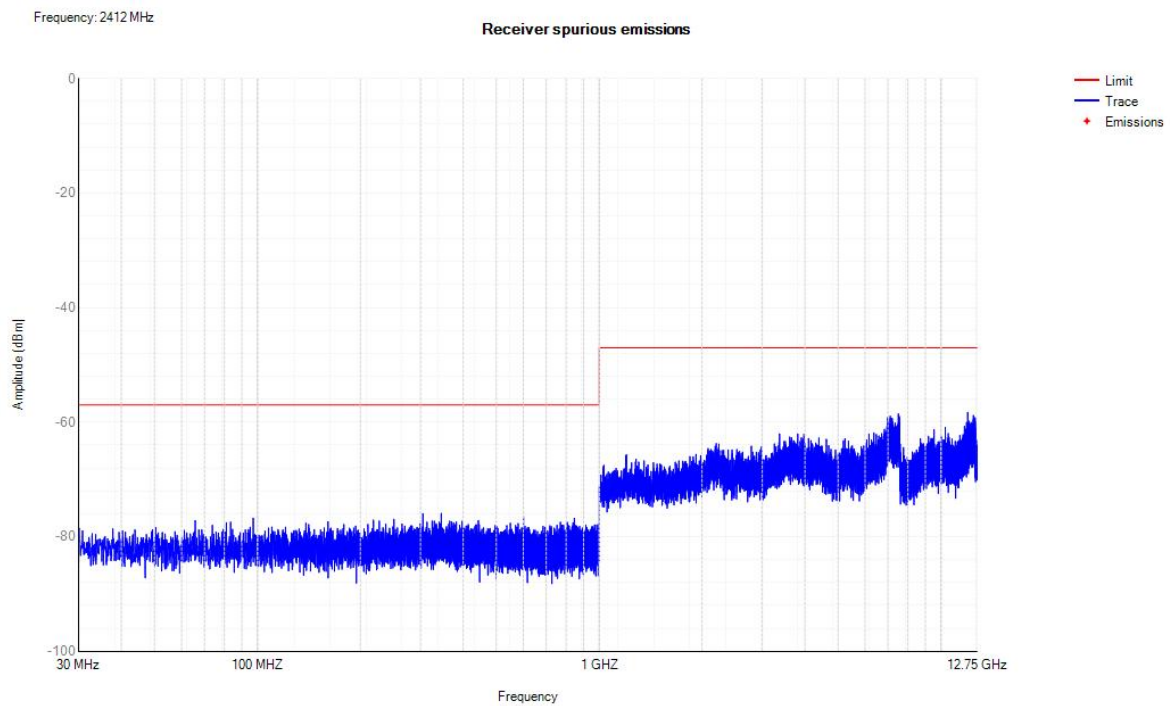
Rx. Spurious NVNT g 2442MHz Ant1



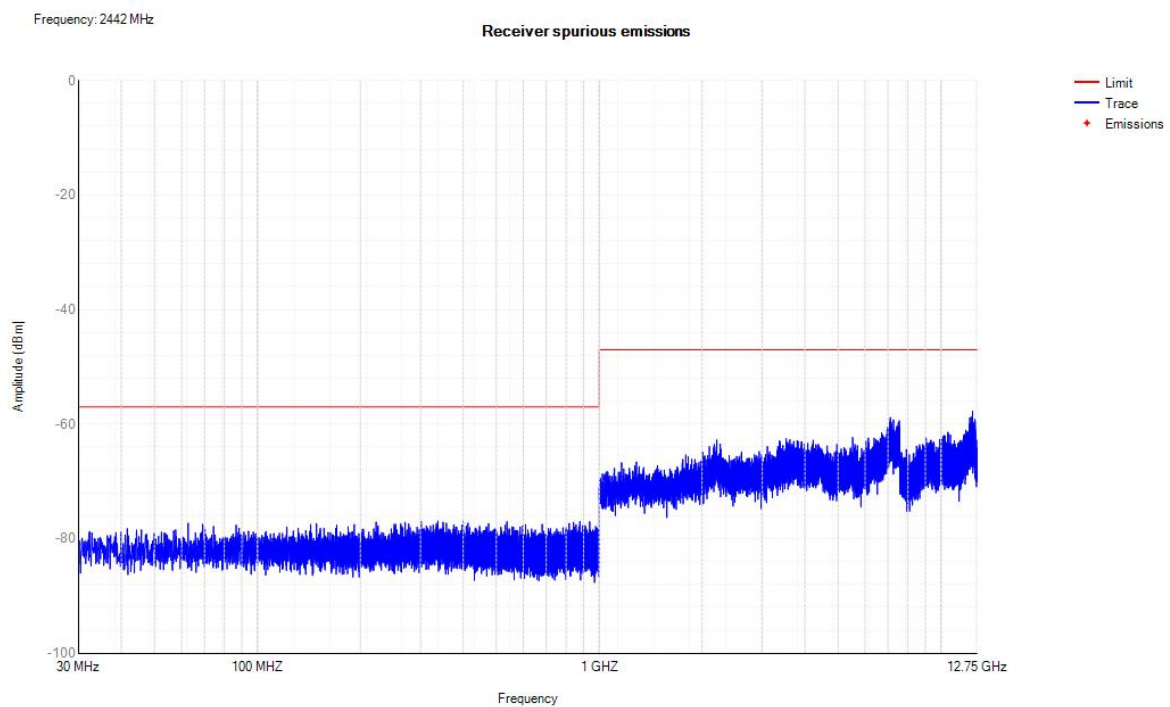
Rx. Spurious NVNT g 2472MHz Ant1



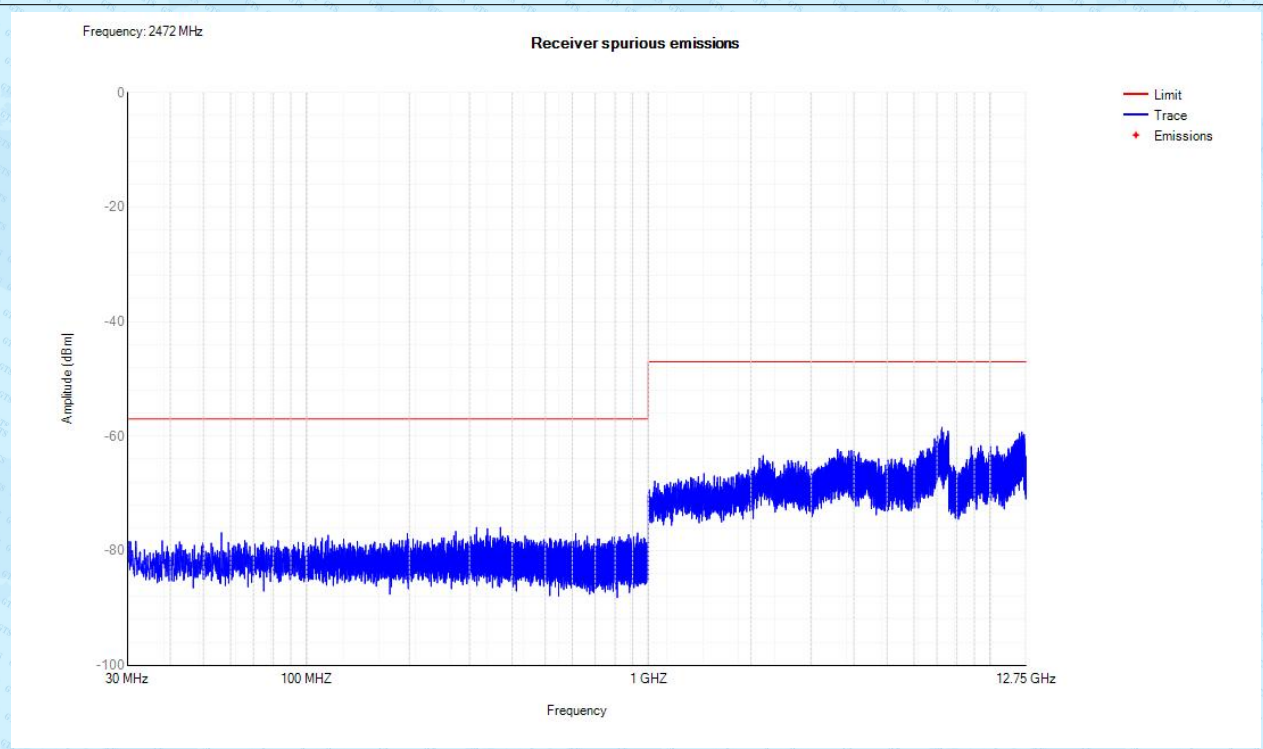
Rx. Spurious NVNT n20 2412MHz Ant1



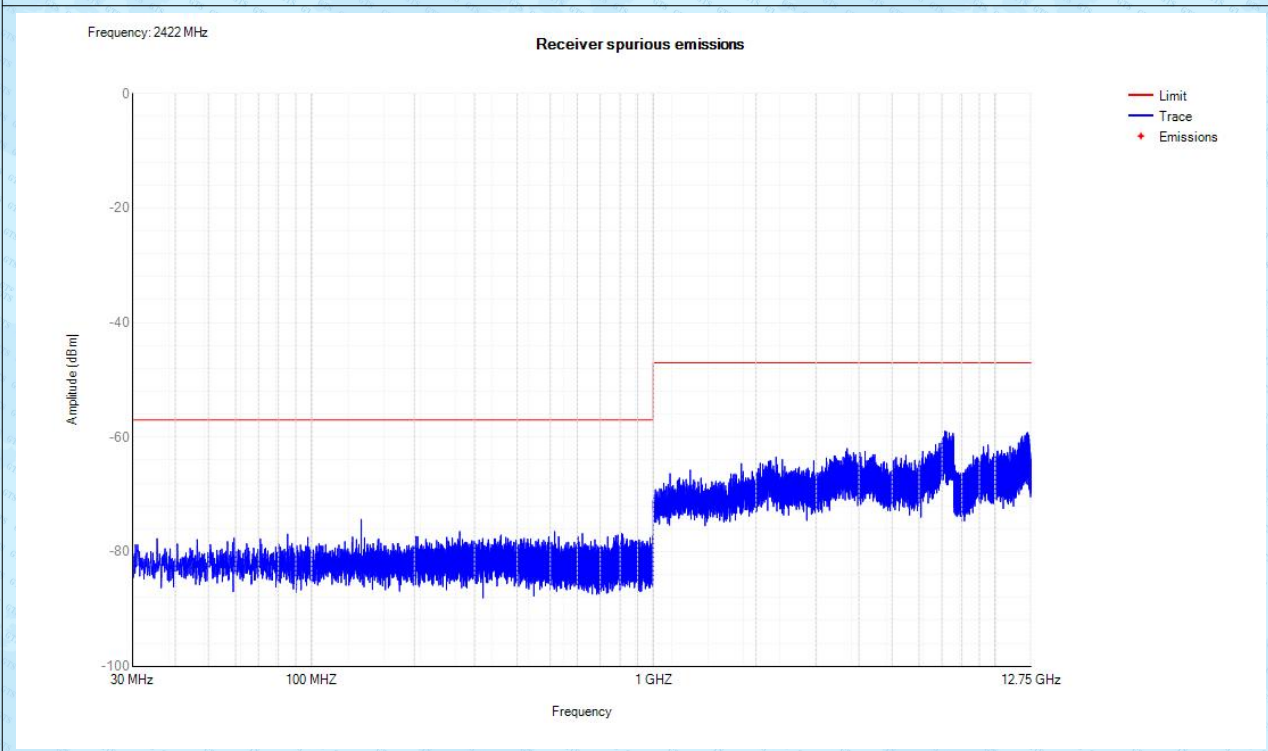
Rx. Spurious NVNT n20 2442MHz Ant1



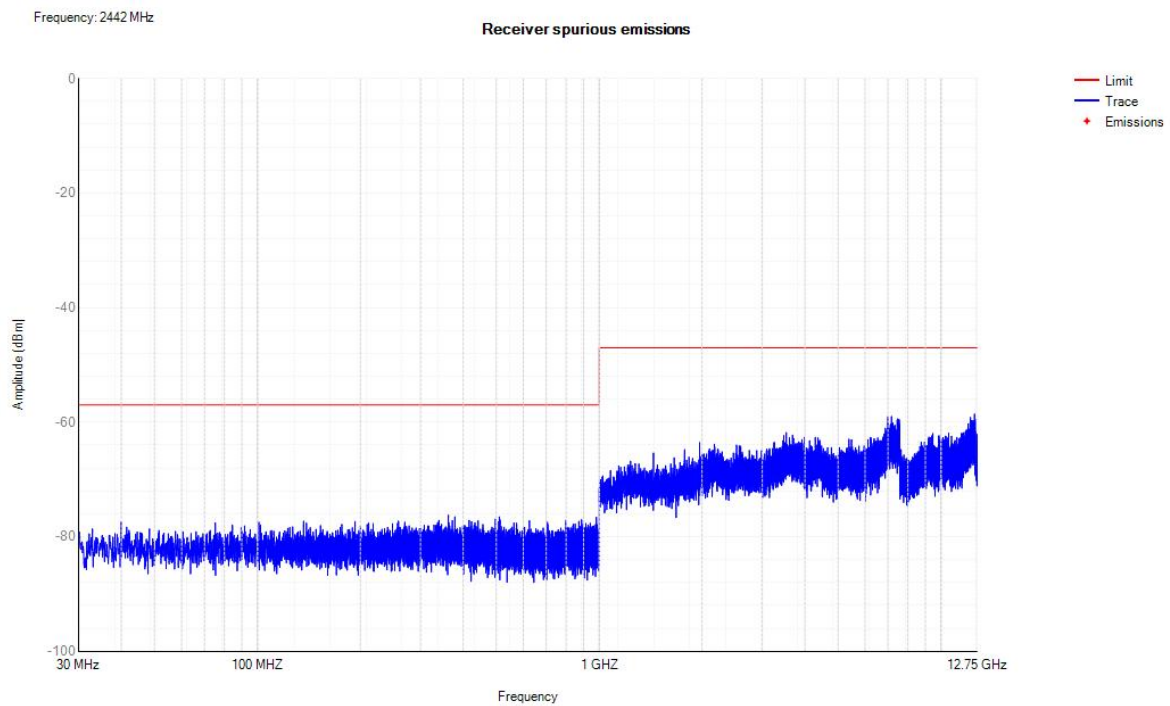
Rx. Spurious NVNT n20 2472MHz Ant1



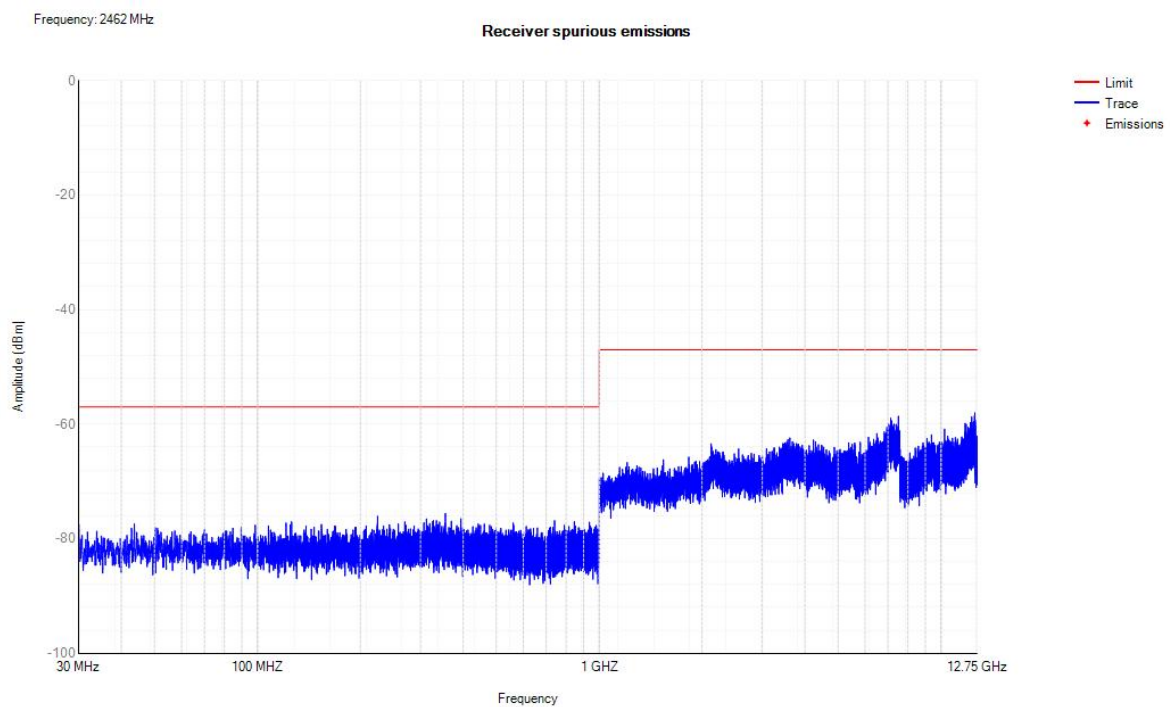
Rx. Spurious NVNT n40 2422MHz Ant1



Rx. Spurious NVNT n40 2442MHz Ant1



Rx. Spurious NVNT n40 2462MHz Ant1



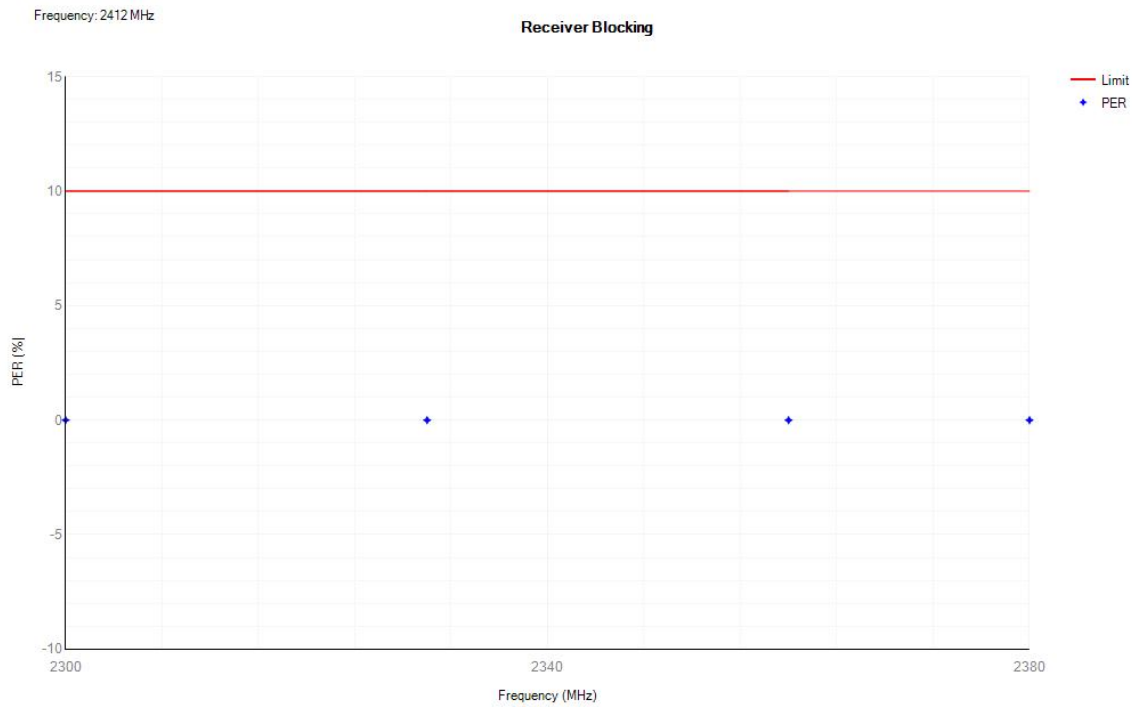
1.7 Receiver Blocking

Condition	Mode	Frequency (MHz)	Antenna	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER (%)	Limit (%)	Verdict
NVNT	b	2412	Ant1	-67	2380	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass
				-73	2360	-33	0	10	Pass
		2442		-67	2380	-33	0	10	Pass
				-67	2504	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass
				-73	2360	-33	0	10	Pass
				-73	2524	-33	0	10	Pass
				-73	2584	-33	0	10	Pass
				-73	2674	-33	0	10	Pass
		2472		-67	2504	-33	0	10	Pass
				-73	2524	-33	0	10	Pass
				-73	2584	-33	0	10	Pass
				-73	2674	-33	0	10	Pass
	g	2412		-67	2380	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass
				-73	2360	-33	0	10	Pass
		2442		-67	2380	-33	0	10	Pass
				-67	2504	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass
				-73	2360	-33	0	10	Pass
				-73	2524	-33	0	10	Pass
				-73	2584	-33	0	10	Pass
				-73	2674	-33	0	10	Pass
		2472		-67	2504	-33	0	10	Pass
				-73	2524	-33	0	10	Pass
				-73	2584	-33	0	10	Pass
				-73	2674	-33	0	10	Pass
	n20	2412		-67	2380	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass
				-73	2360	-33	0	10	Pass
		2442		-67	2380	-33	0	10	Pass
				-67	2504	-33	0	10	Pass
				-73	2300	-33	0	10	Pass
				-73	2330	-33	0	10	Pass

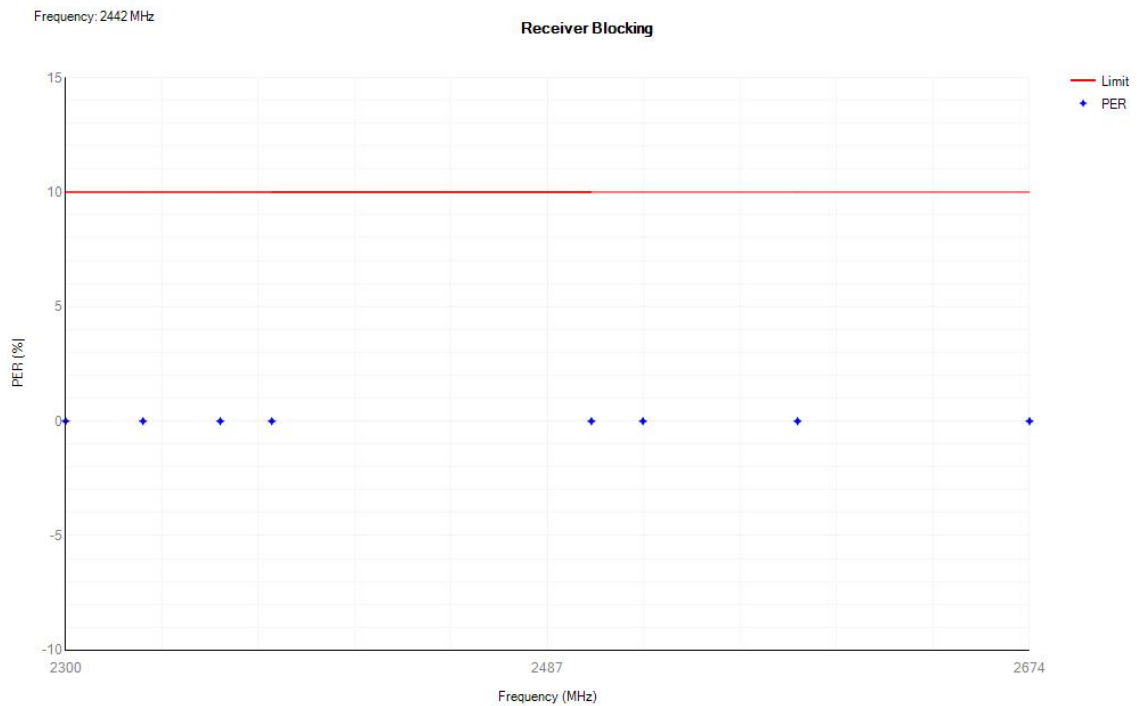
		2472	-73	2360	-33	0	10	Pass
			-73	2524	-33	0	10	Pass
			-73	2584	-33	0	10	Pass
			-73	2674	-33	0	10	Pass
		2422	-67	2504	-33	0	10	Pass
			-73	2524	-33	0	10	Pass
			-73	2584	-33	0	10	Pass
			-73	2674	-33	0	10	Pass
	n40	2442	-67	2380	-33	0	10	Pass
			-73	2300	-33	0	10	Pass
			-73	2330	-33	0	10	Pass
			-73	2360	-33	0	10	Pass
		2462	-67	2380	-33	0	10	Pass
			-67	2504	-33	0	10	Pass
			-73	2300	-33	0	10	Pass
			-73	2330	-33	0	10	Pass
			-73	2360	-33	0	10	Pass
			-73	2524	-33	0	10	Pass
			-73	2584	-33	0	10	Pass
			-73	2674	-33	0	10	Pass
			-67	2504	-33	0	10	Pass
			-73	2524	-33	0	10	Pass
			-73	2584	-33	0	10	Pass
			-73	2674	-33	0	10	Pass

Test Graphs

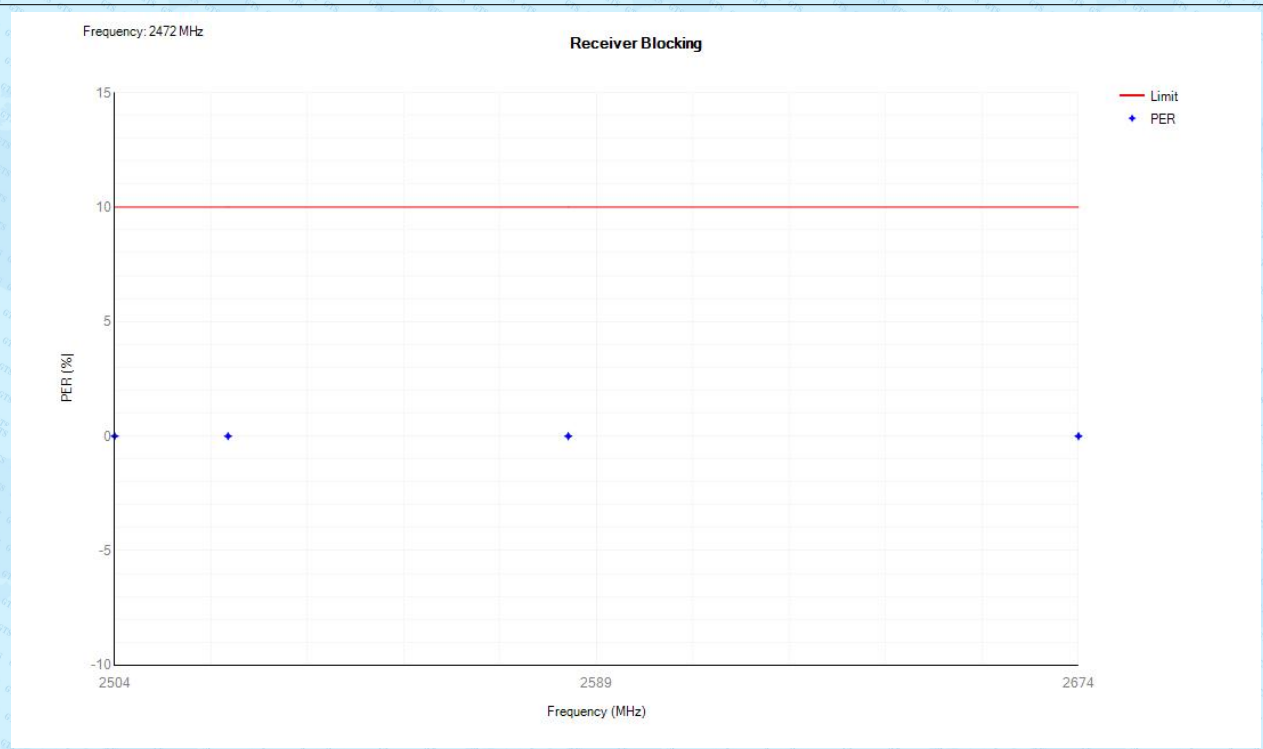
Rx. Blockings NVNT b 2412MHz Ant1



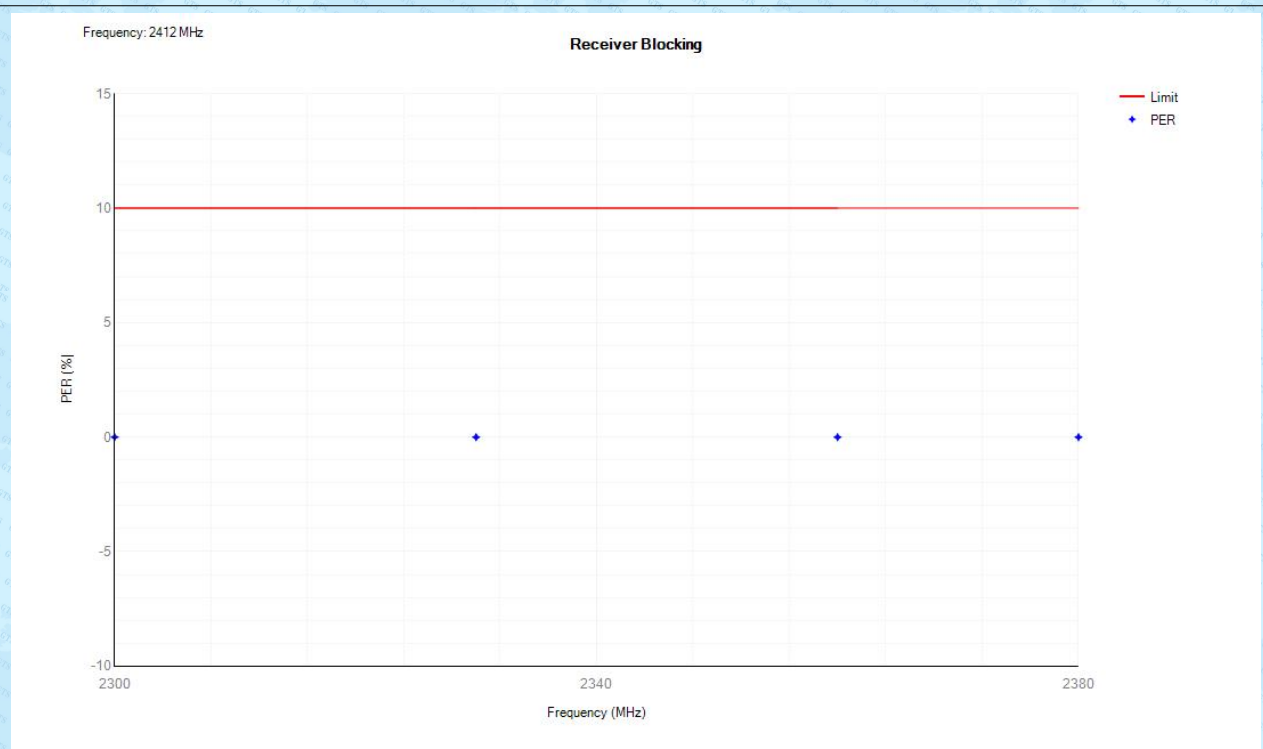
Rx. Blockings NVNT b 2442MHz Ant1



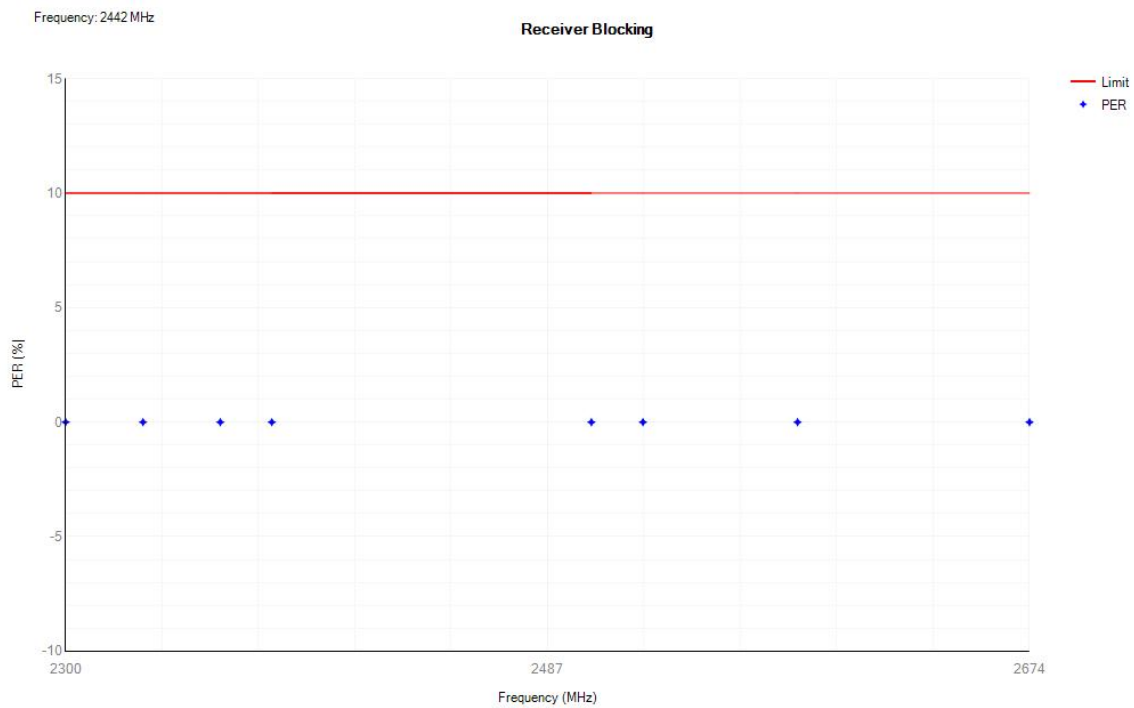
Rx. Blockings NVNT b 2472MHz Ant1



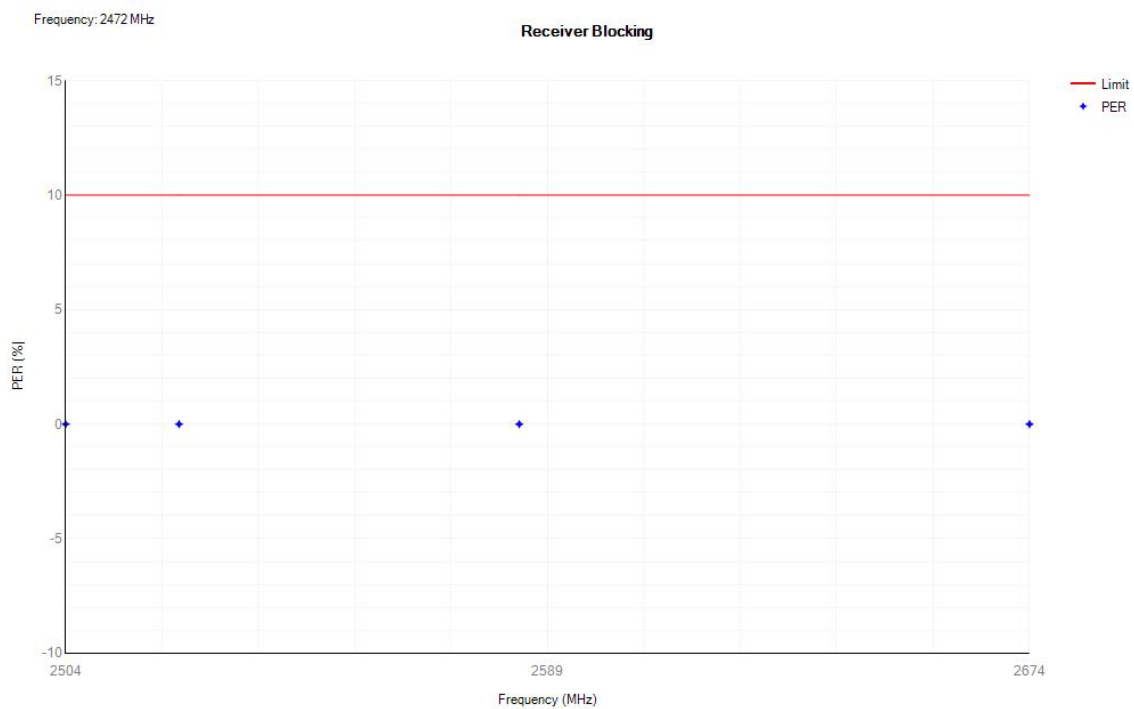
Rx. Blockings NVNT g 2412MHz Ant1



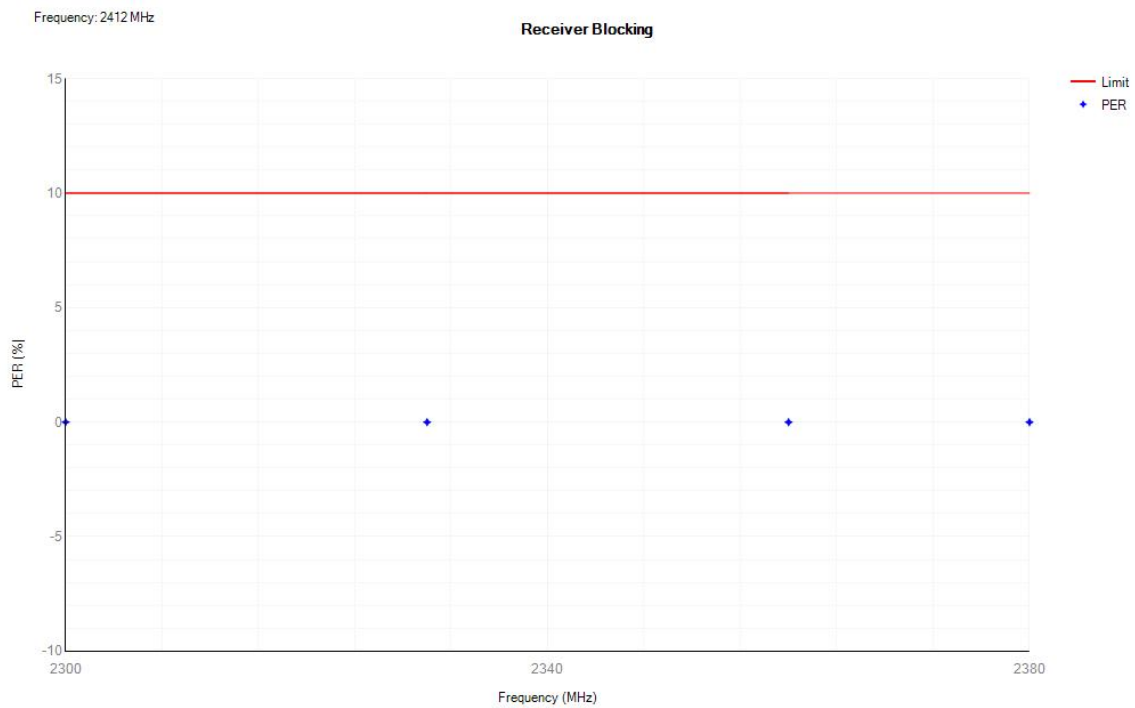
Rx. Blockings NVNT g 2442MHz Ant1



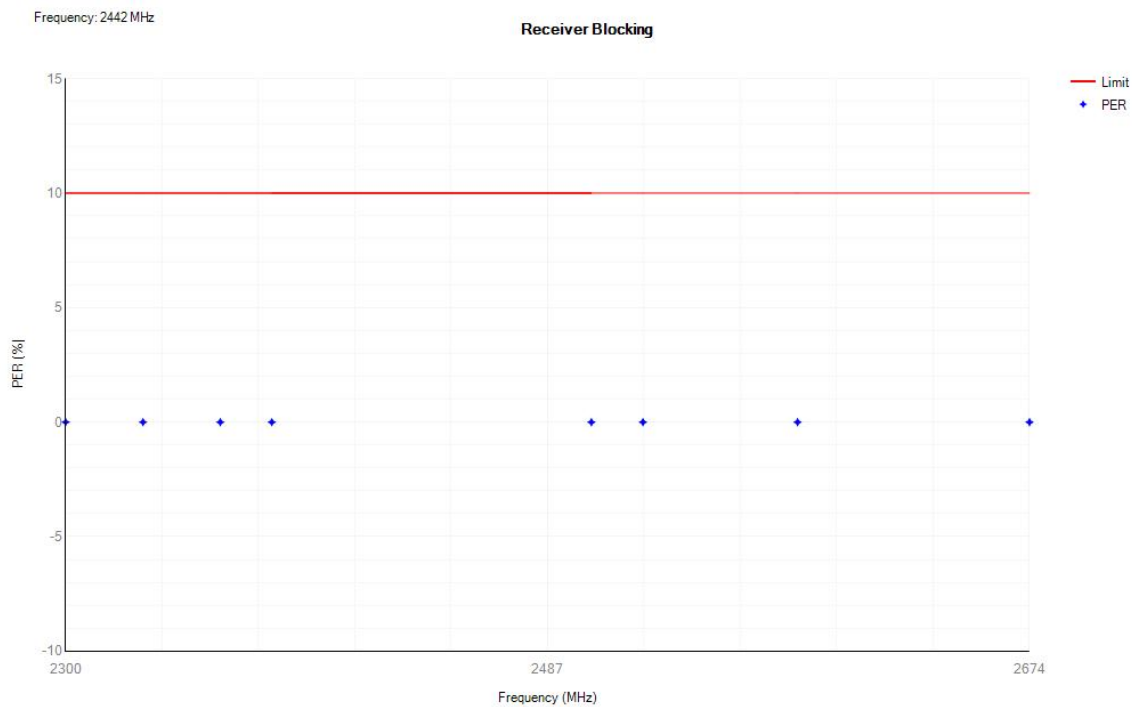
Rx. Blockings NVNT g 2472MHz Ant1



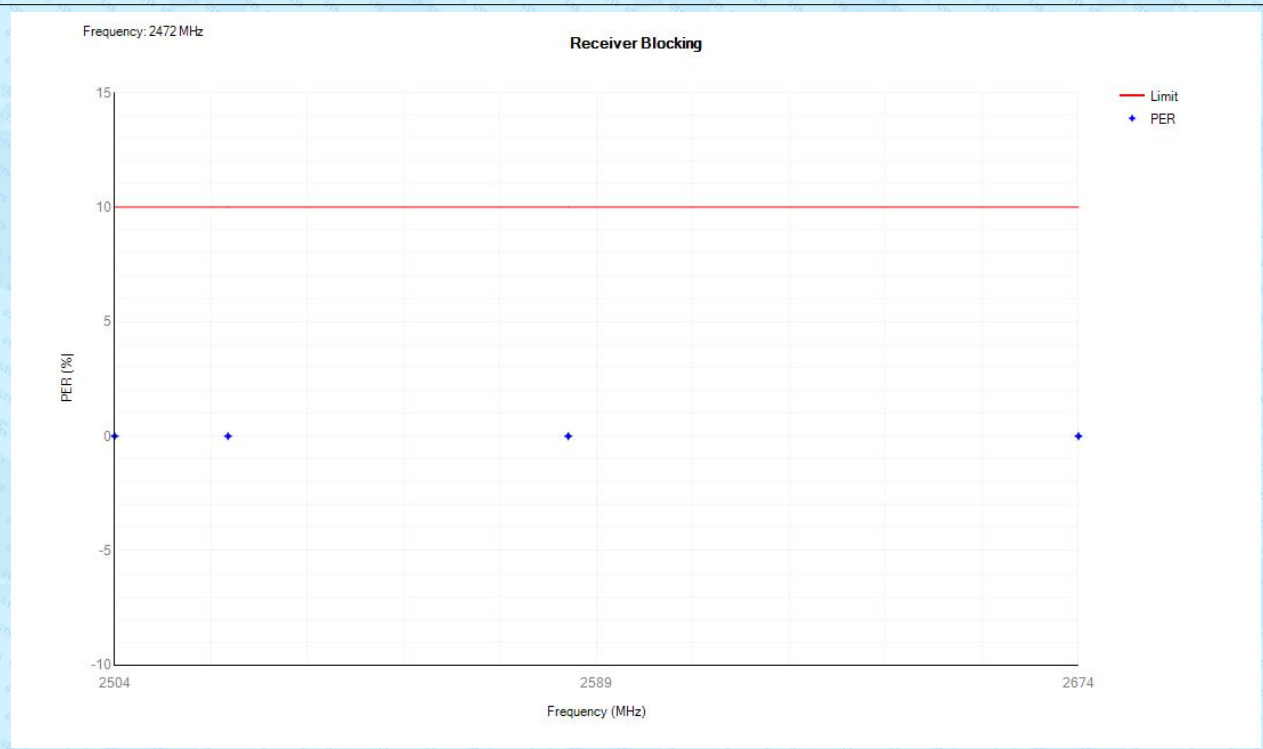
Rx. Blockings NVNT n20 2412MHz Ant1



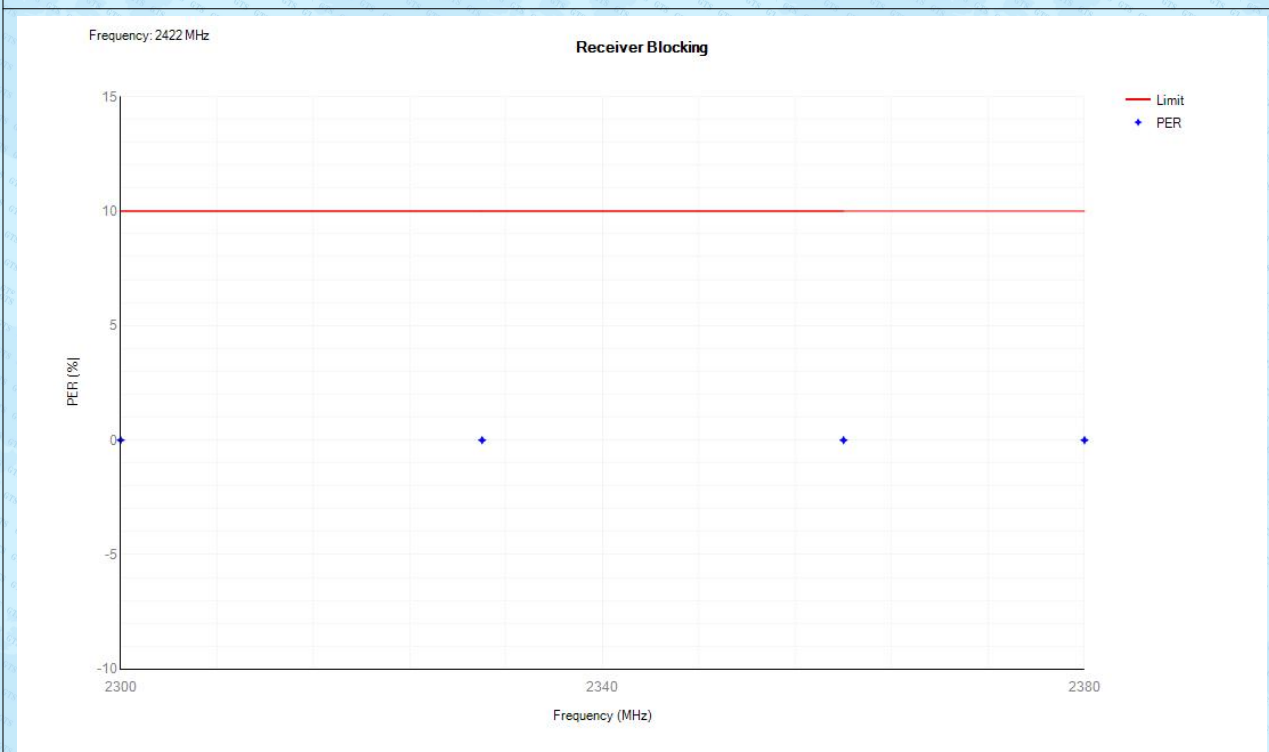
Rx. Blockings NVNT n20 2442MHz Ant1



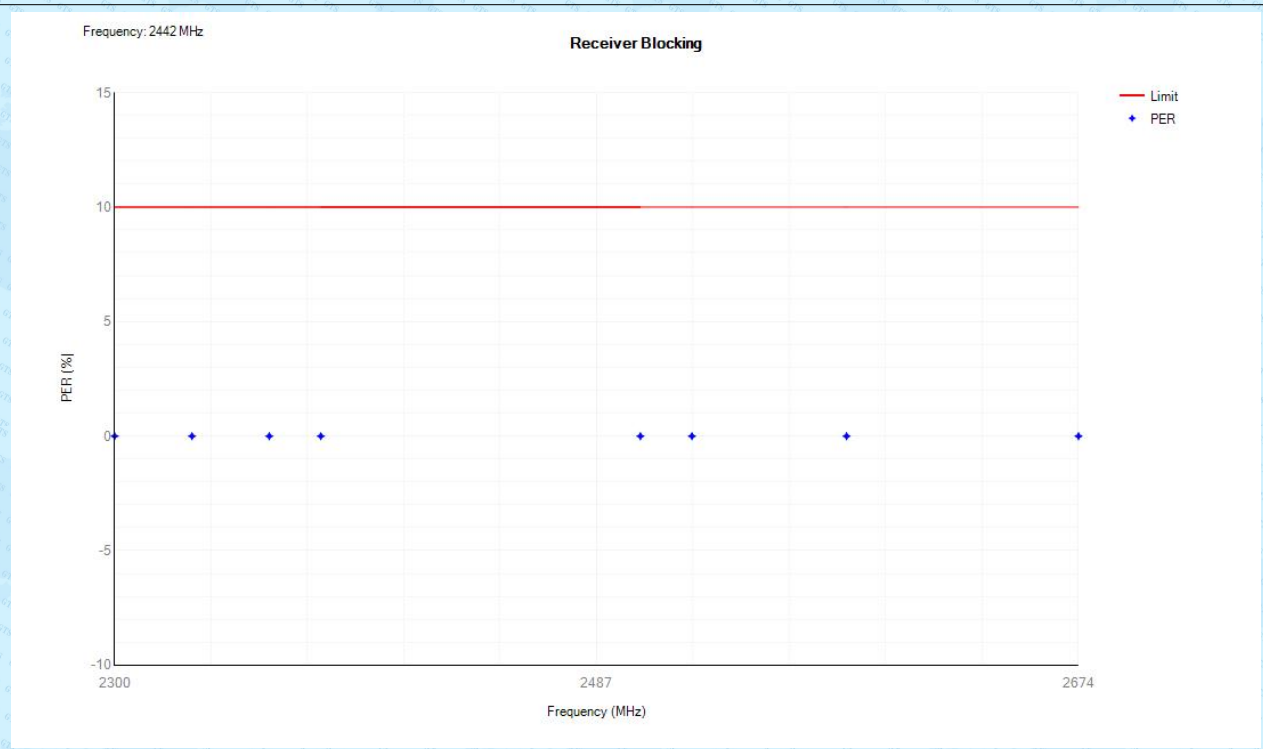
Rx. Blockings NVNT n20 2472MHz Ant1



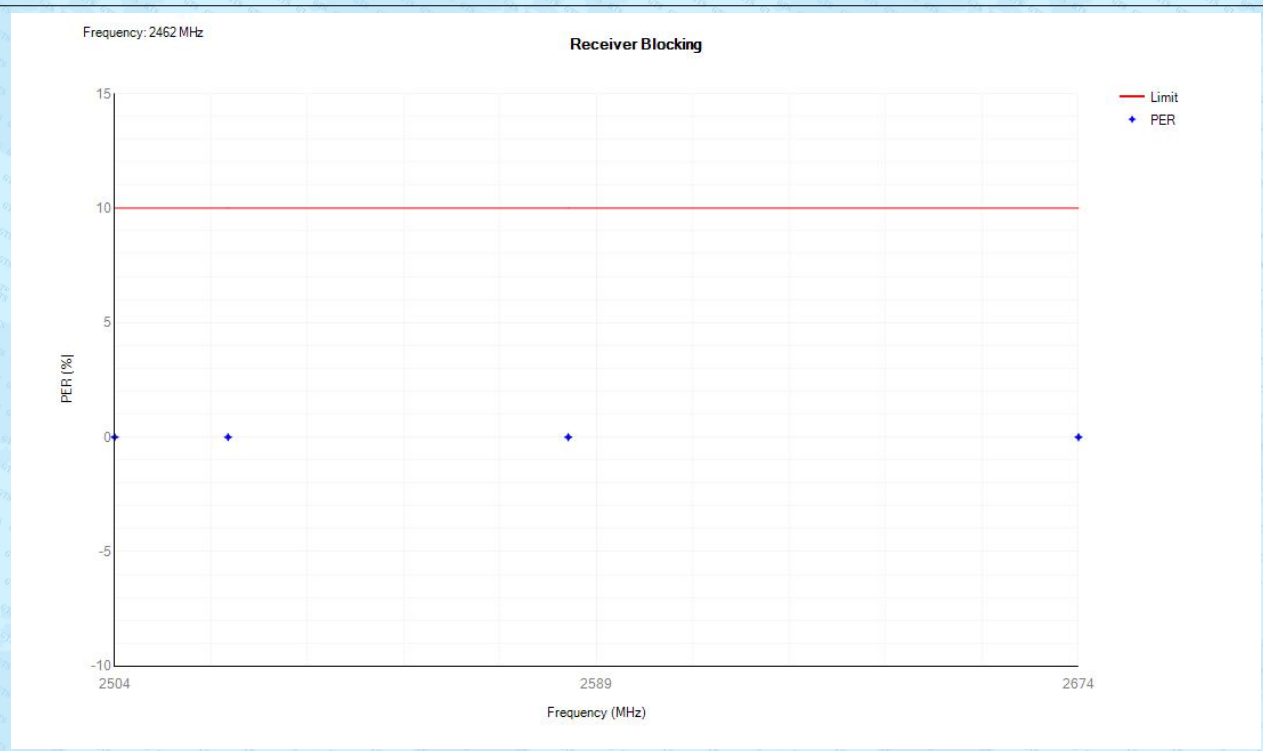
Rx. Blockings NVNT n40 2422MHz Ant1



Rx. Blockings NVNT n40 2442MHz Ant1



Rx. Blockings NVNT n40 2462MHz Ant1

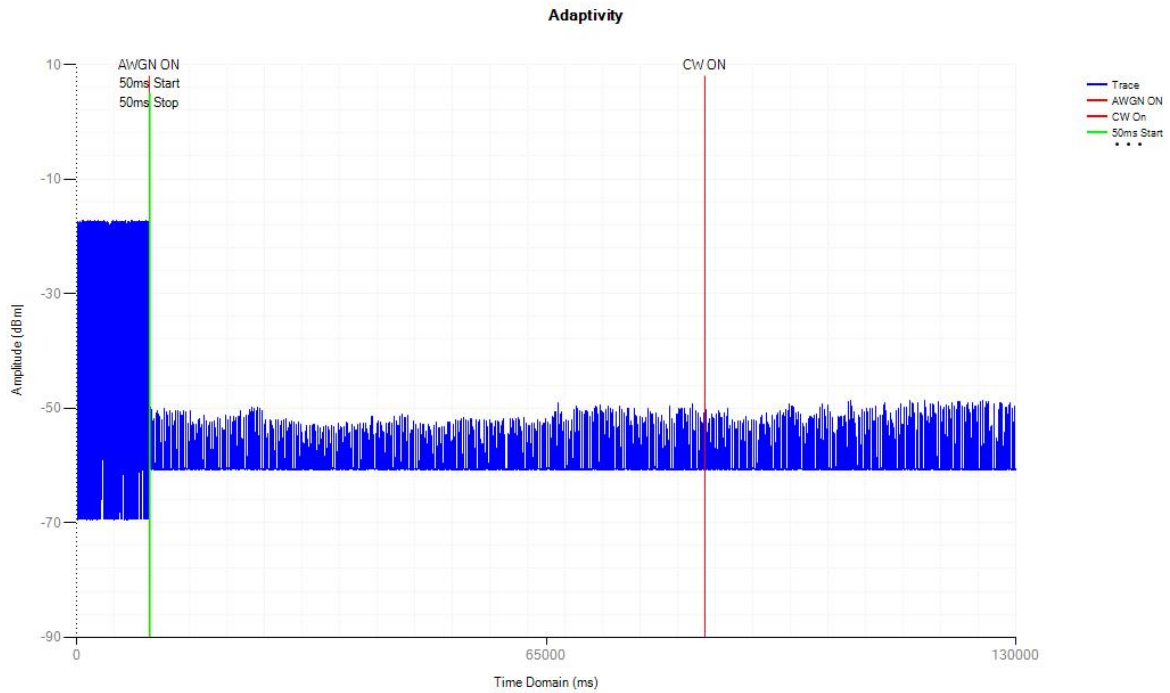


1.8 Adaptivity

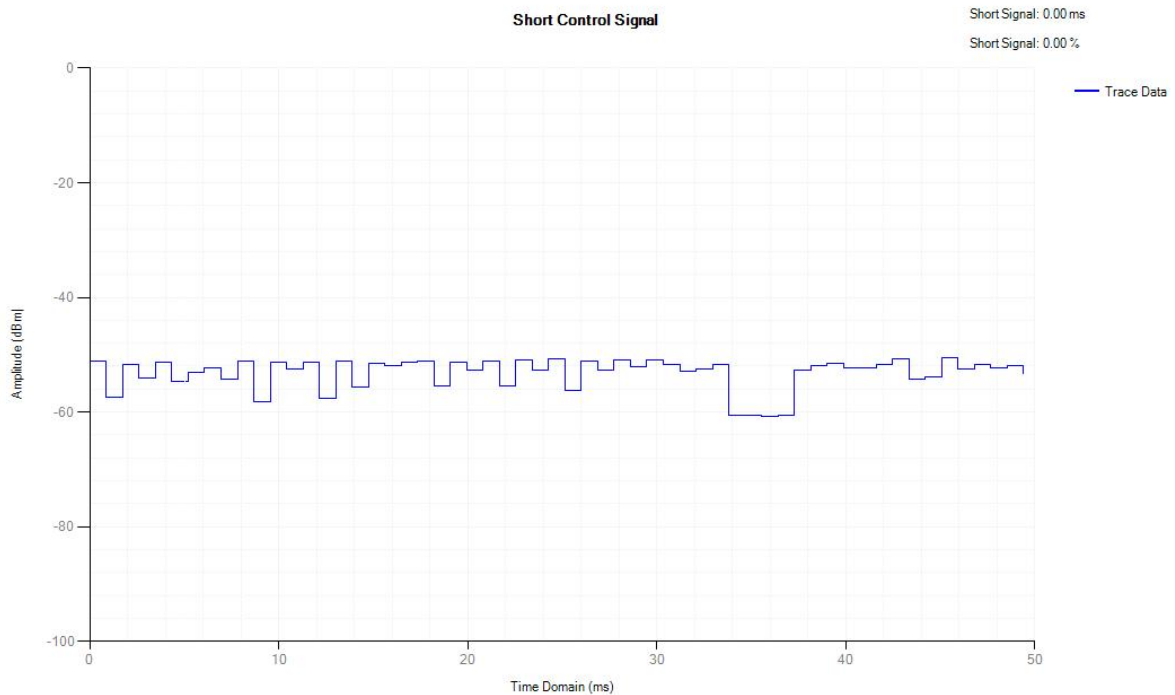
Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	b	2412	Ant1	-70	-35	0	0	<=0	Pass
		2472		-70	-35	0	0	<=10	Pass

Test Graphs

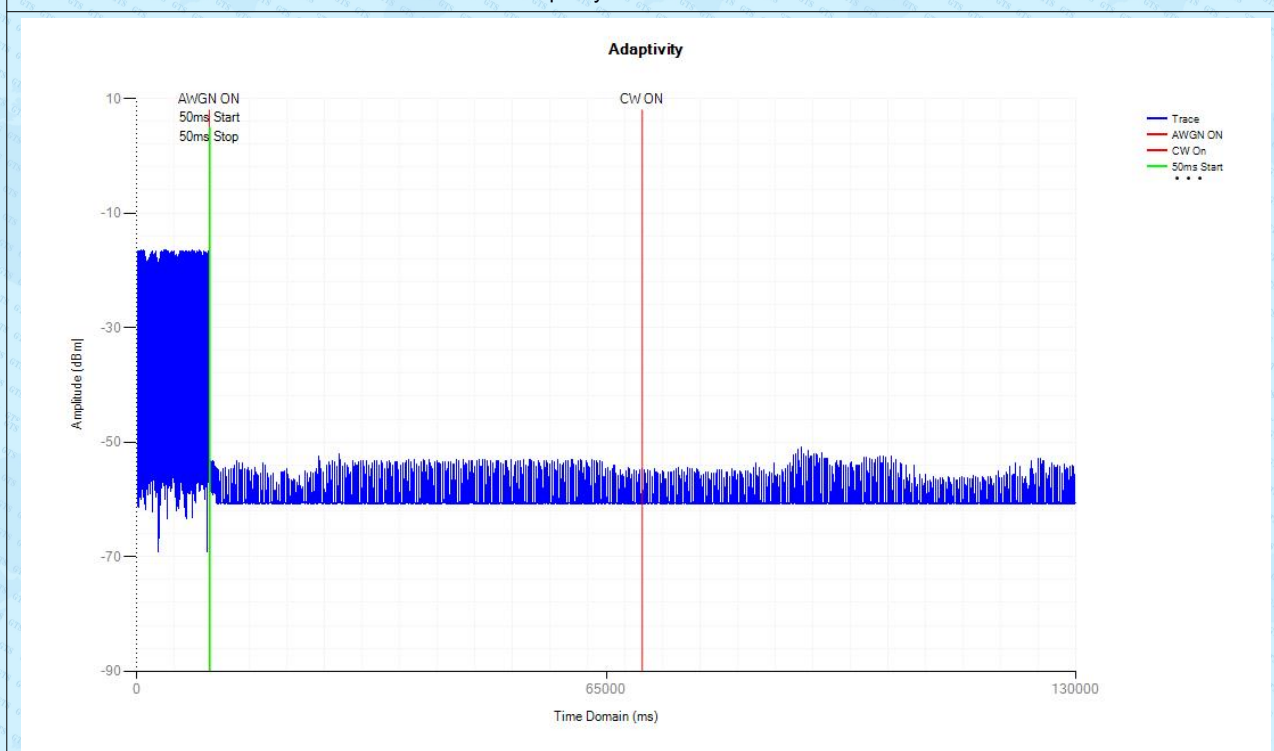
Adaptivity NVNT b 2412MHz



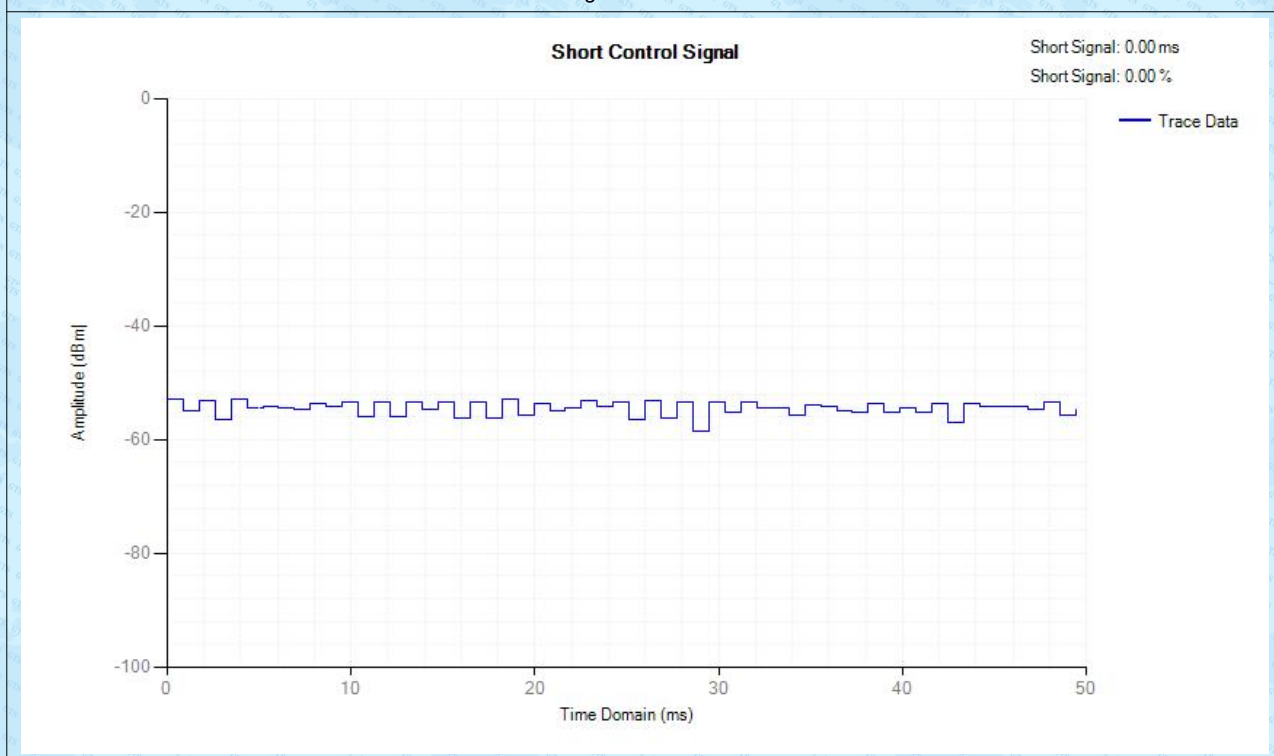
Control Signal NVNT b 2412MHz



Adaptivity NVNT b 2472MHz



Control Signal NVNT b 2472MHz

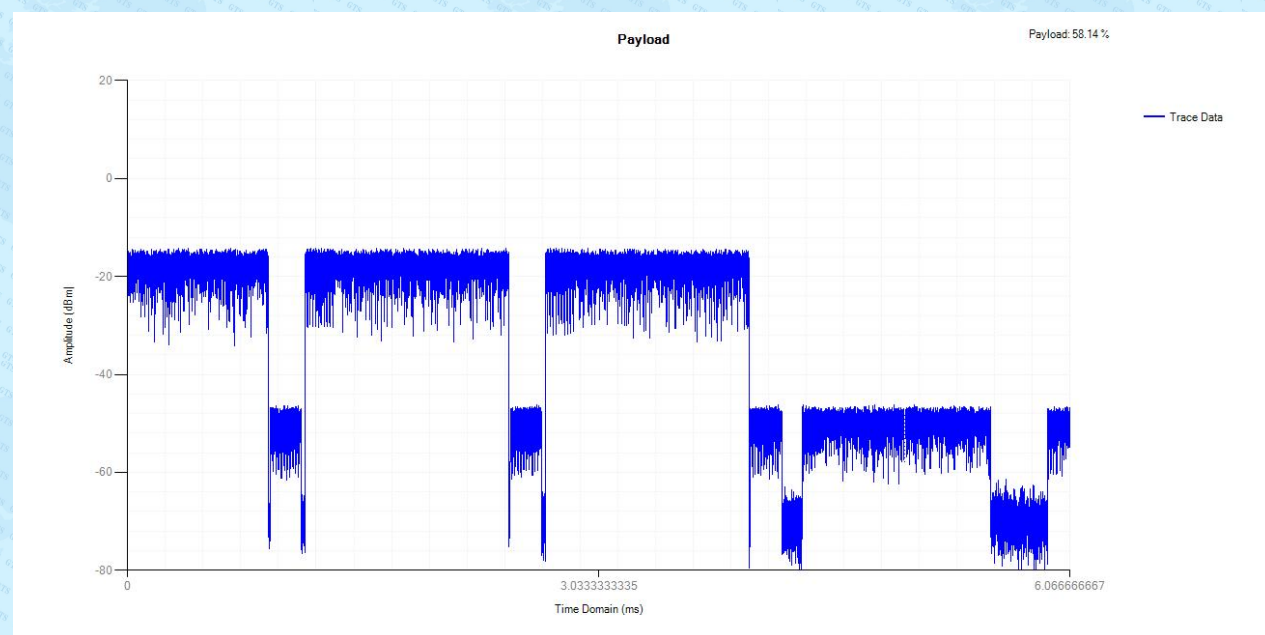


1.9 Adaptivity COT

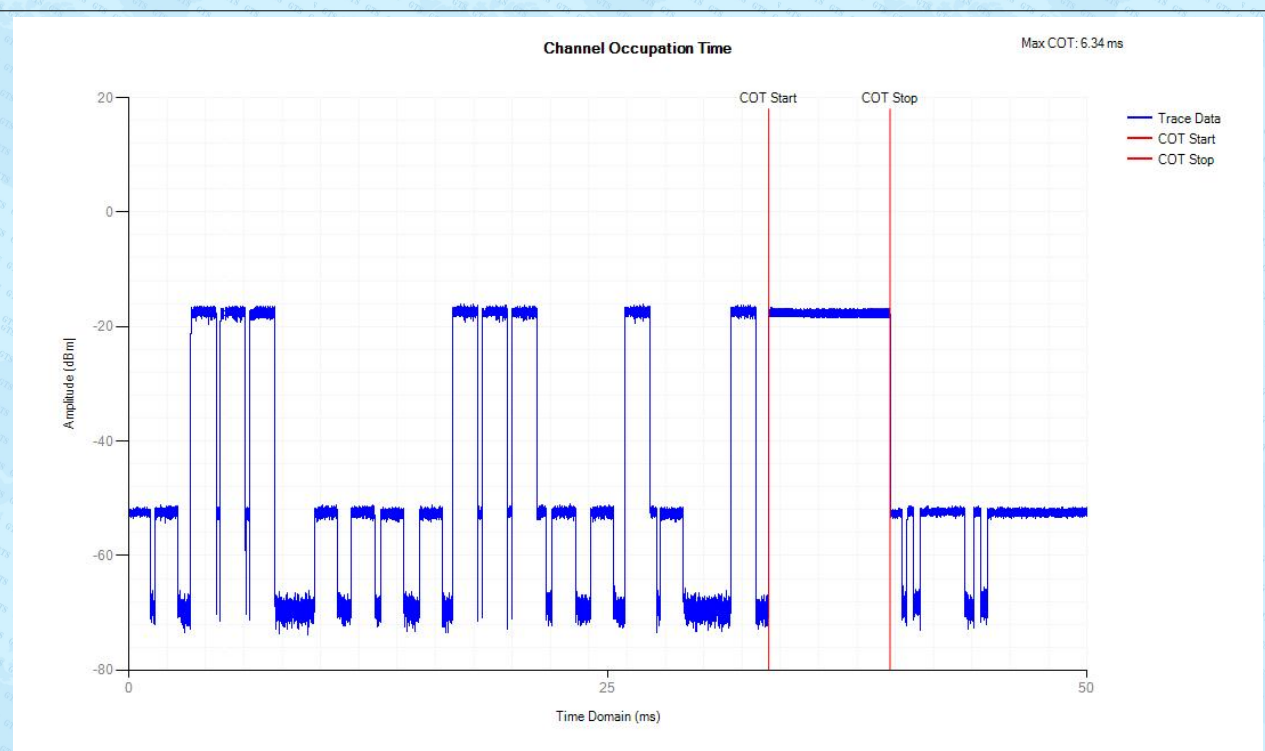
Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	b	2412	Ant1	58.14	6.335	<=13	0.237	>0.018	Pass
		2472		63.39	1.31	<=13	0.235	>0.018	Pass

Test Graphs

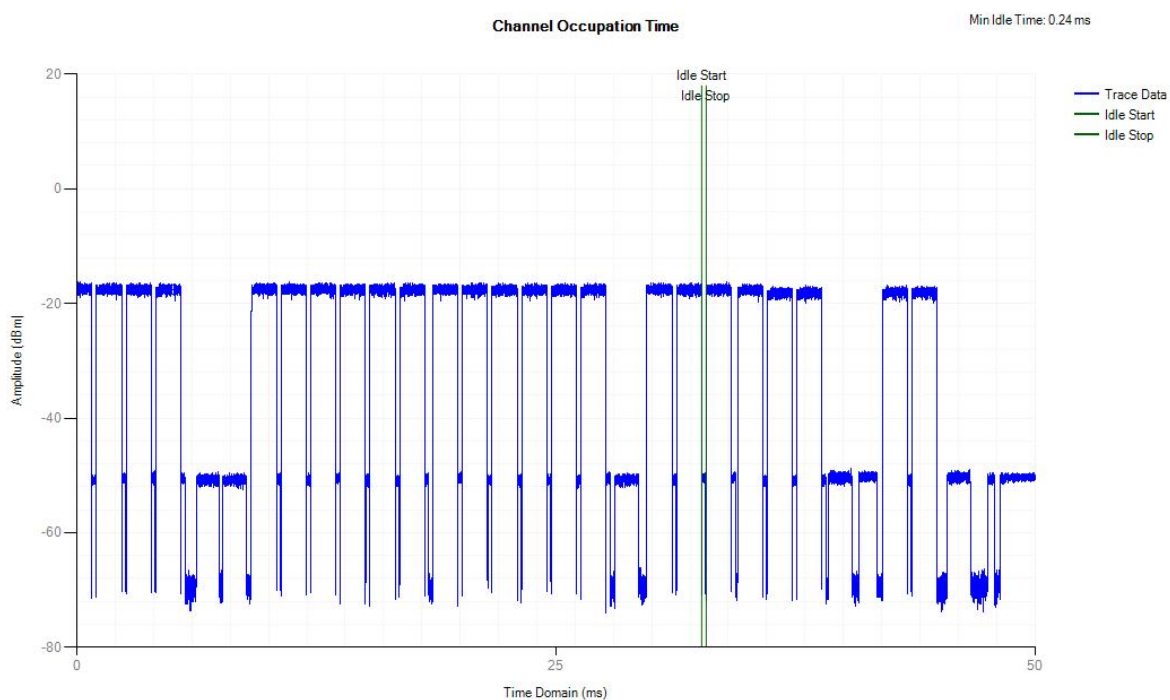
Payload NVNT b 2412MHz



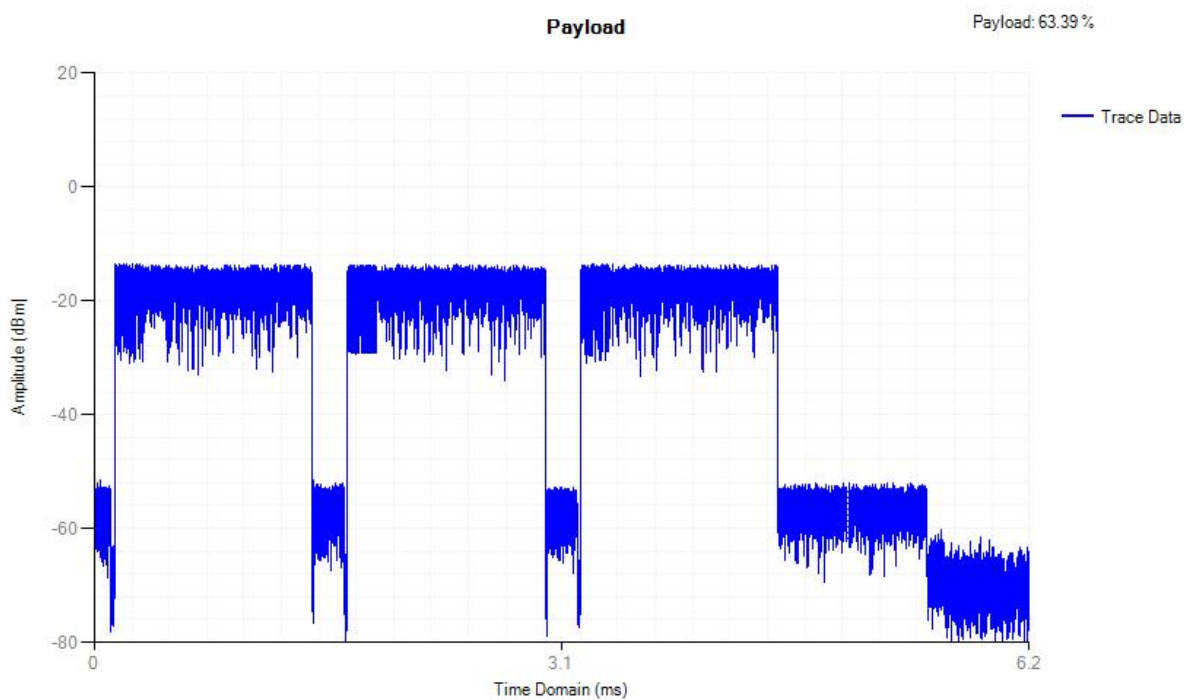
COT NVNT b 2412MHz



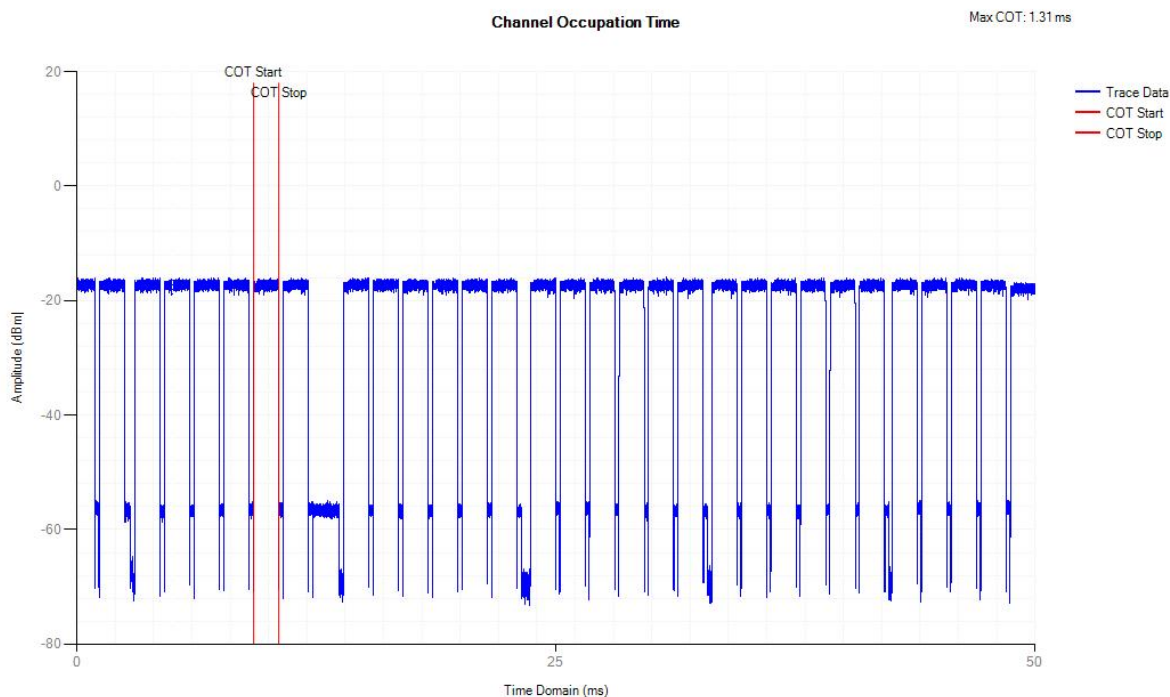
Idle NVNT b 2412MHz



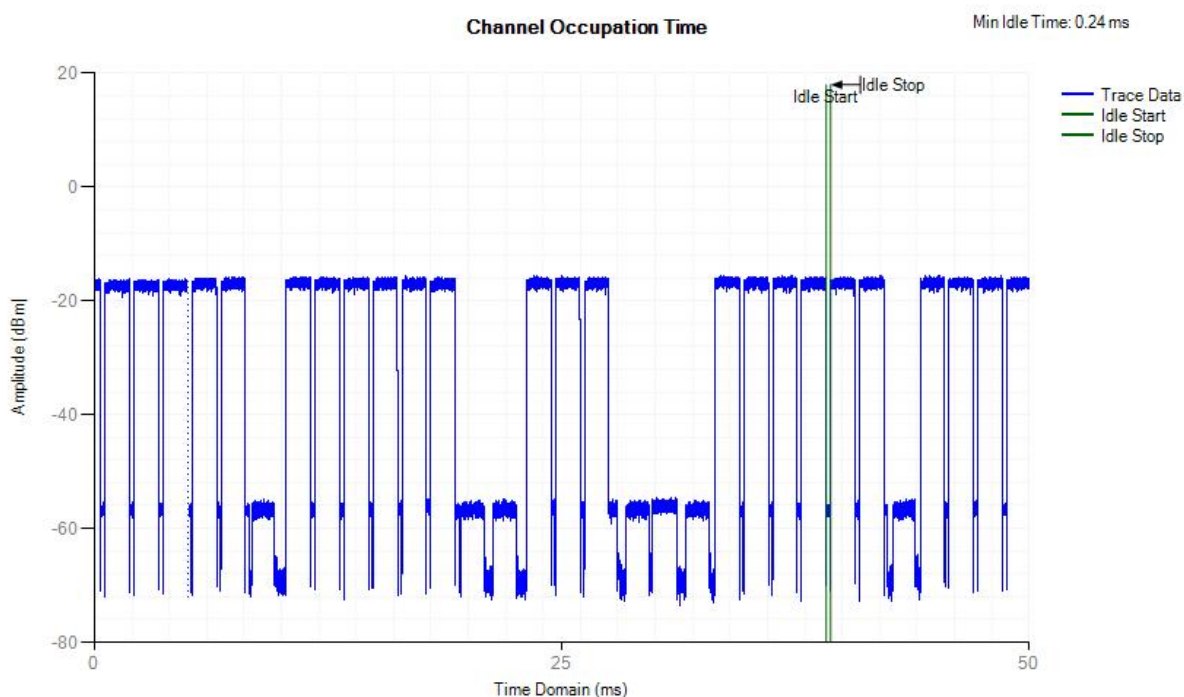
Payload NVNT b 2472MHz



COT NVNT b 2472MHz



Idle NVNT b 2472MHz



-----End-----