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5.4.2 RF Output Power

Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	10.6	11	15.80	20	Pass
		2433		9.62	10	14.82	20	Pass
		2466		9.21	10	14.41	20	Pass
		2411	Ant2	9.25	10	14.45	20	Pass
		2433		9.36	10	14.56	20	Pass
		2466		10.13	11	15.33	20	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	10.99	11	16.19	20	Pass
		2433		9.79	10	14.99	20	Pass
		2466		9.39	10	14.59	20	Pass
		2411	Ant2	9.43	10	14.63	20	Pass
		2433		9.41	10	14.61	20	Pass
		2466		10.26	11	15.46	20	Pass

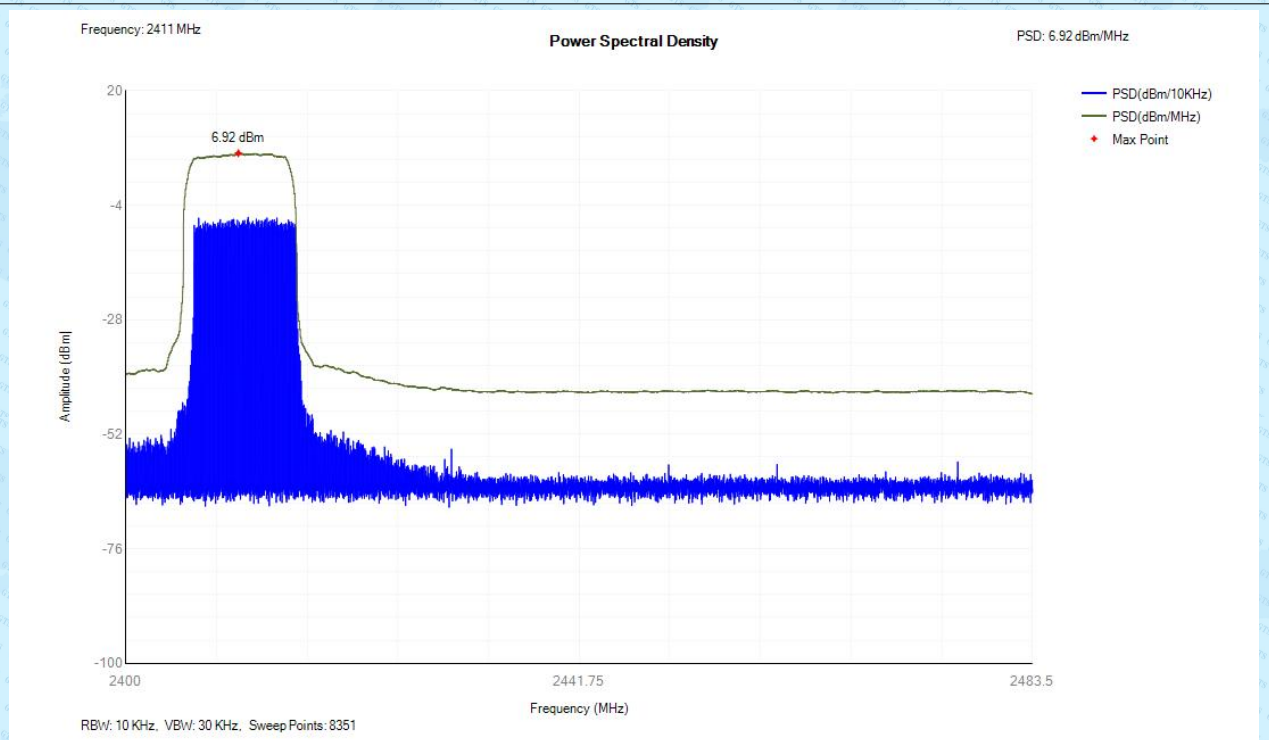
5.4.3 Power Spectral Density

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	6.92	10	Pass
		2433		5.87	10	Pass
		2466		5.88	10	Pass
		2411	Ant2	5.6	10	Pass
		2433		5.65	10	Pass
		2466		6.28	10	Pass

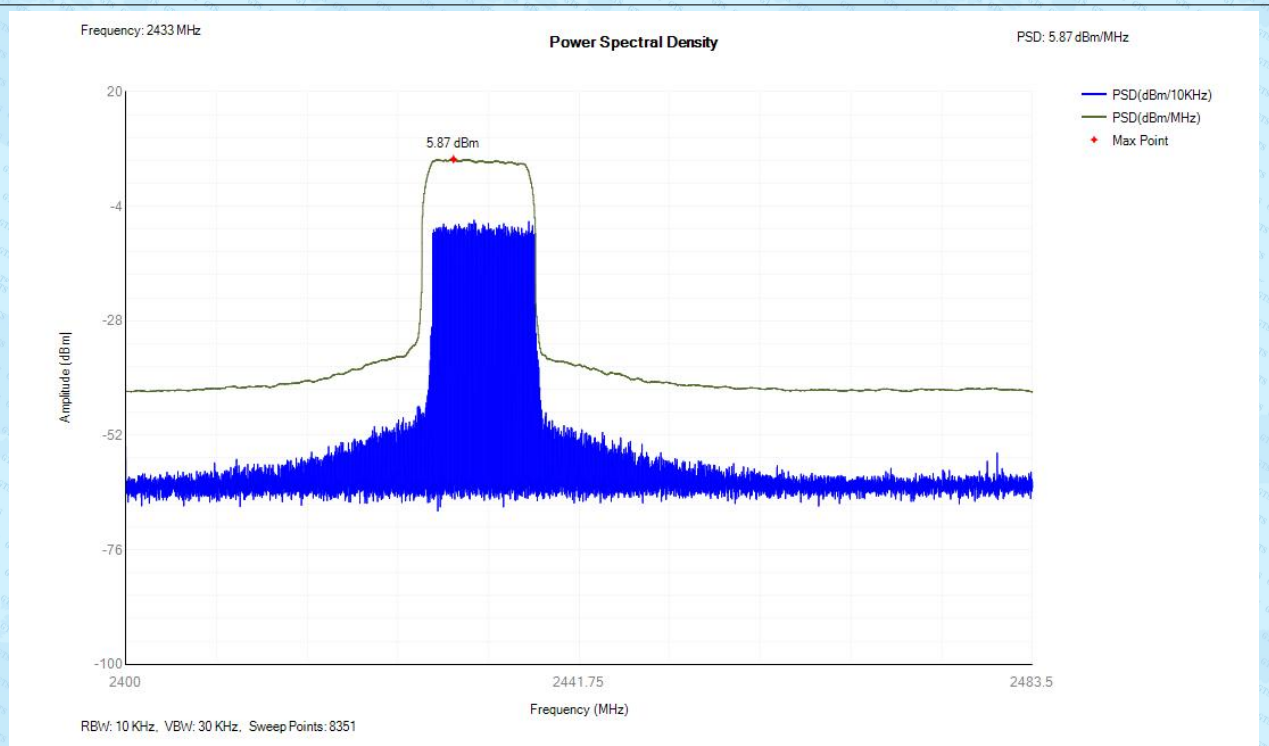
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	4.14	10	Pass
		2433		2.94	10	Pass
		2466		3.03	10	Pass
		2411	Ant2	2.55	10	Pass
		2433		2.87	10	Pass
		2466		3.37	10	Pass

Test Graphs

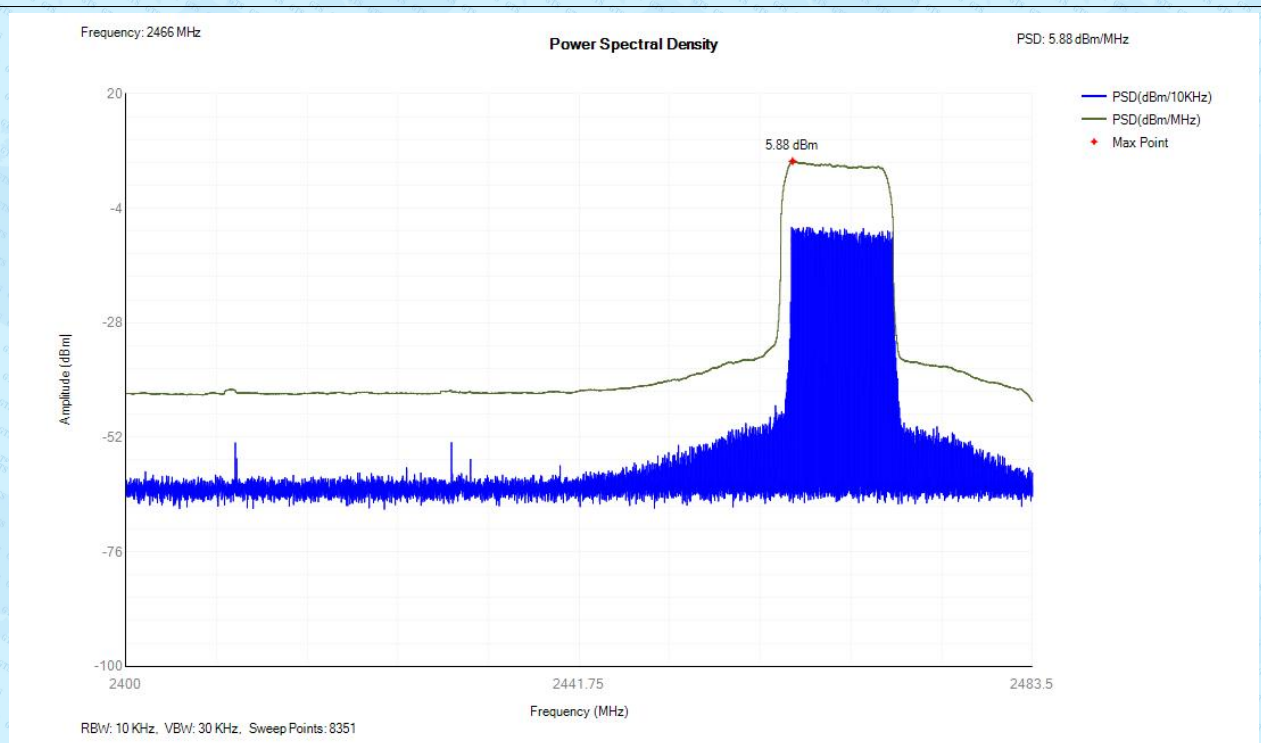
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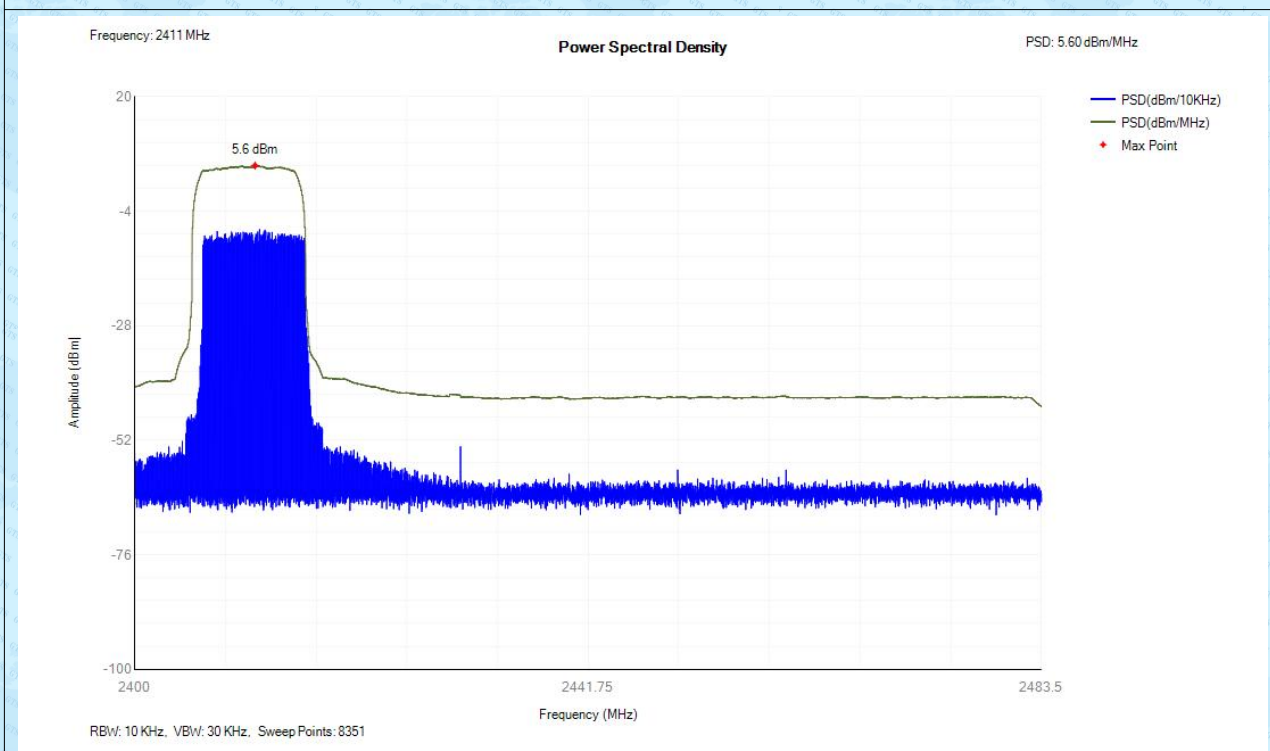
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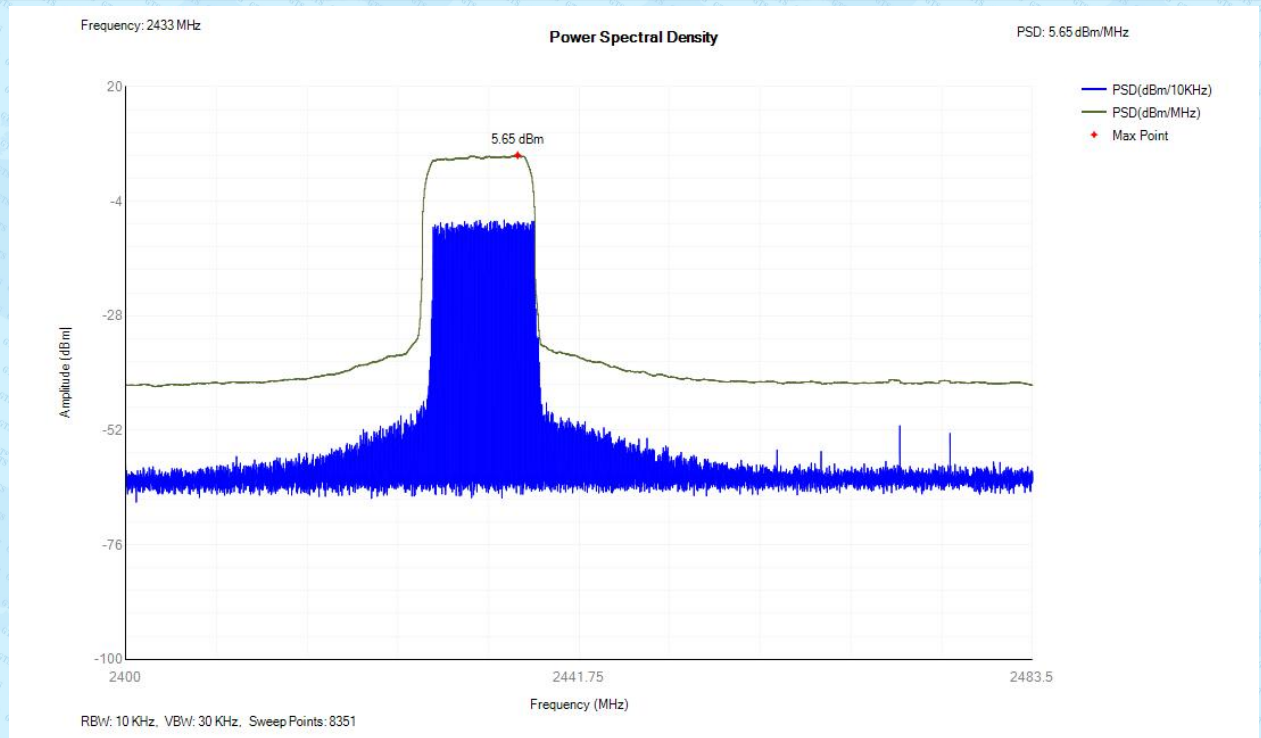
PSD NVNT 2.4G SRD_10M 2466MHz Ant1



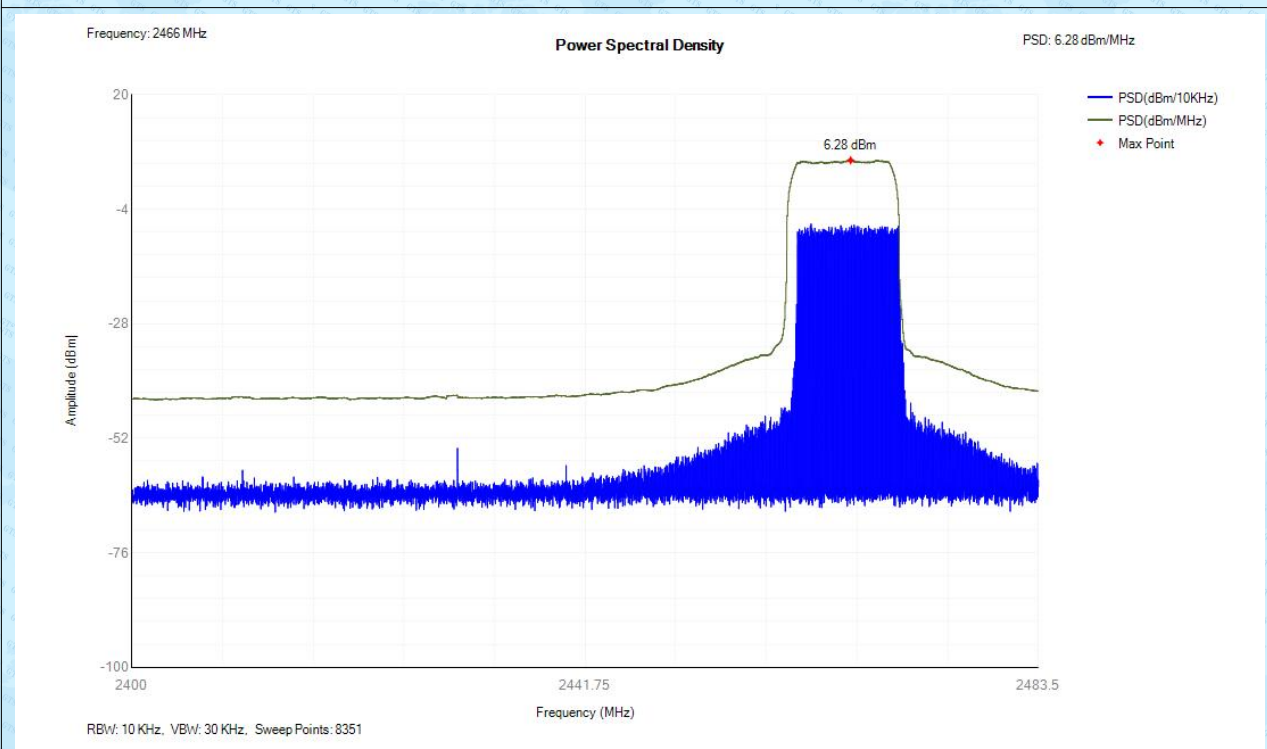
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PSD NVNT 2.4G SRD_10M 2433MHz Ant2

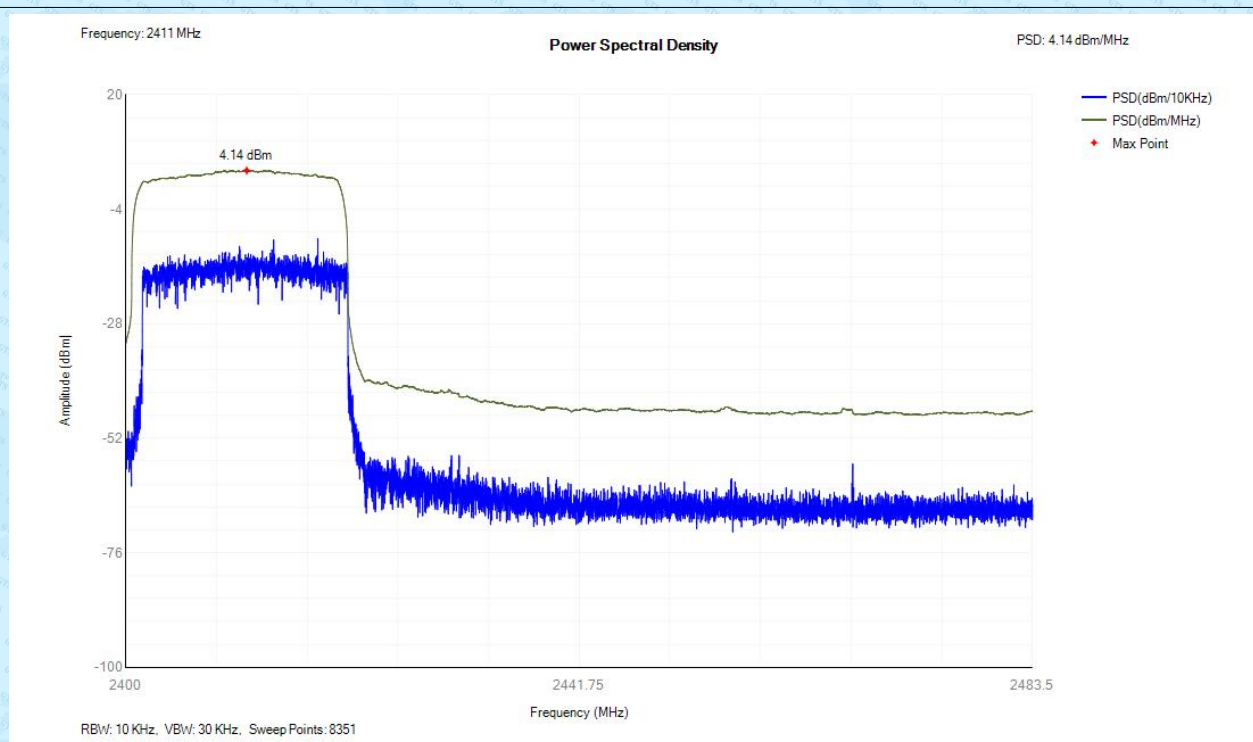


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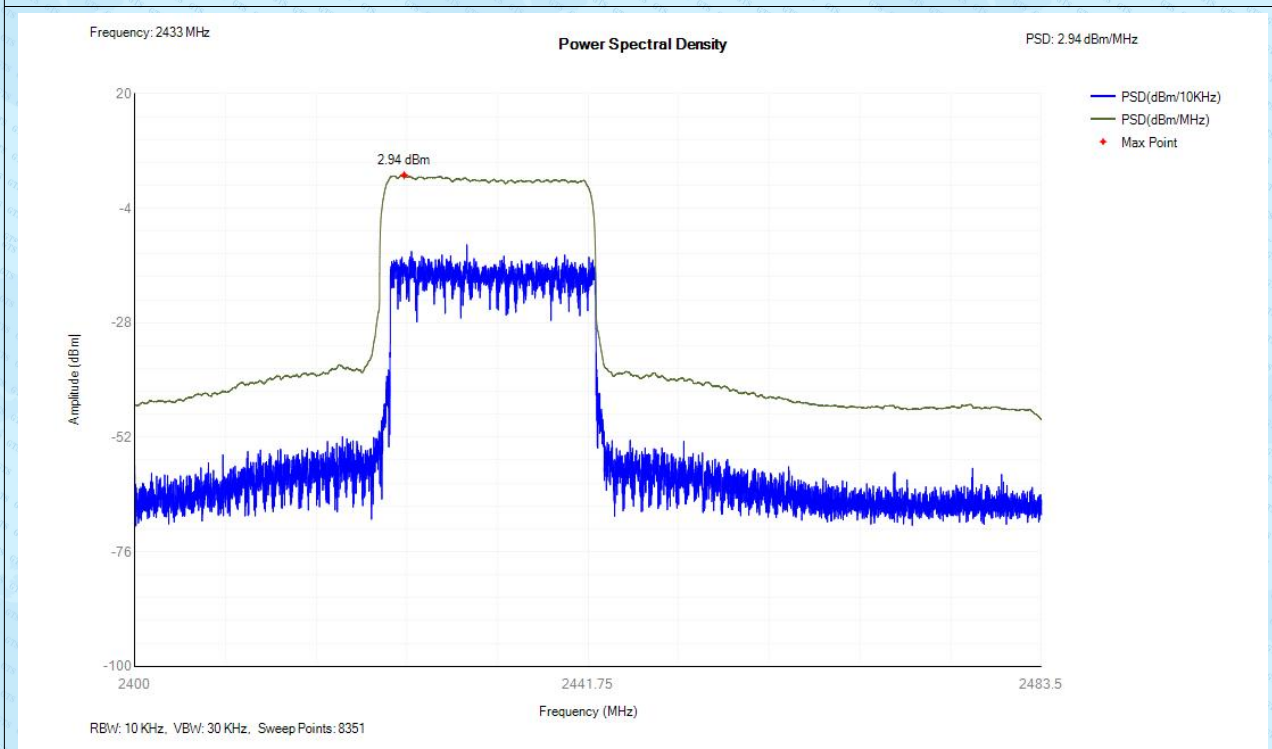


Test Graphs

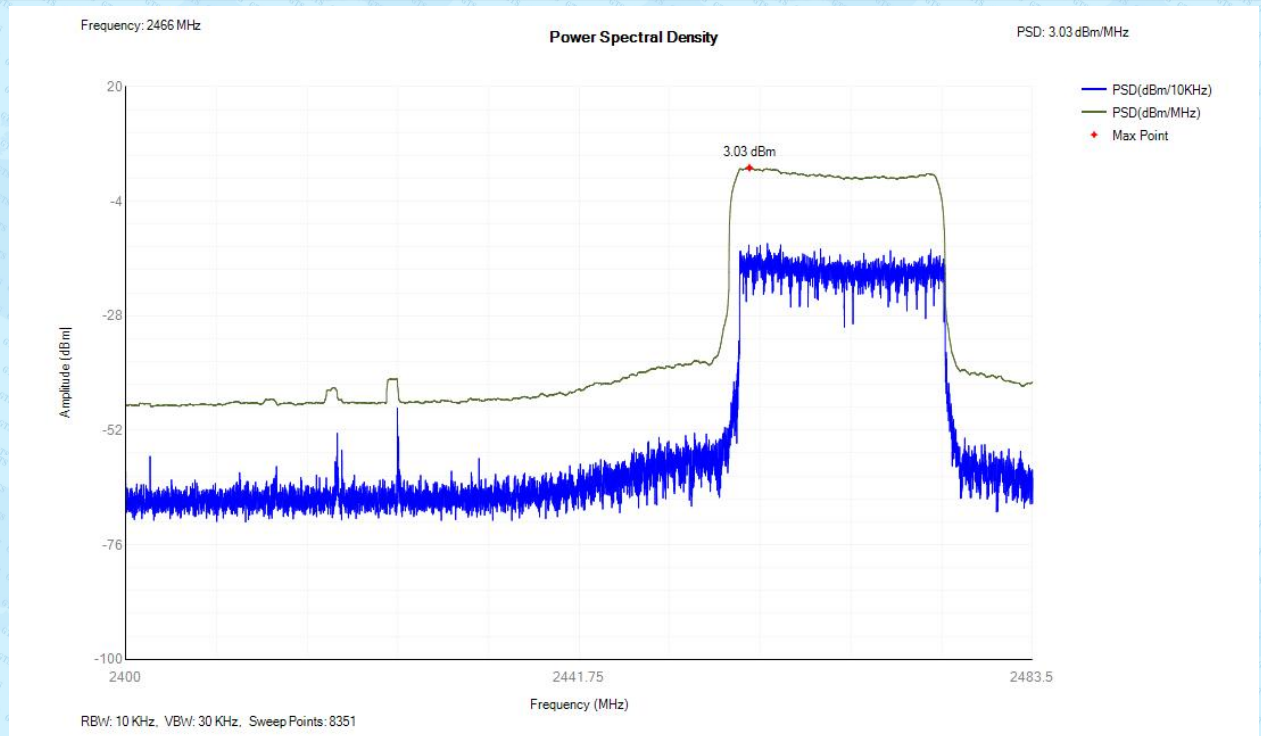
PSD NVNT 2.4G SRD_20M 2411MHz Ant1



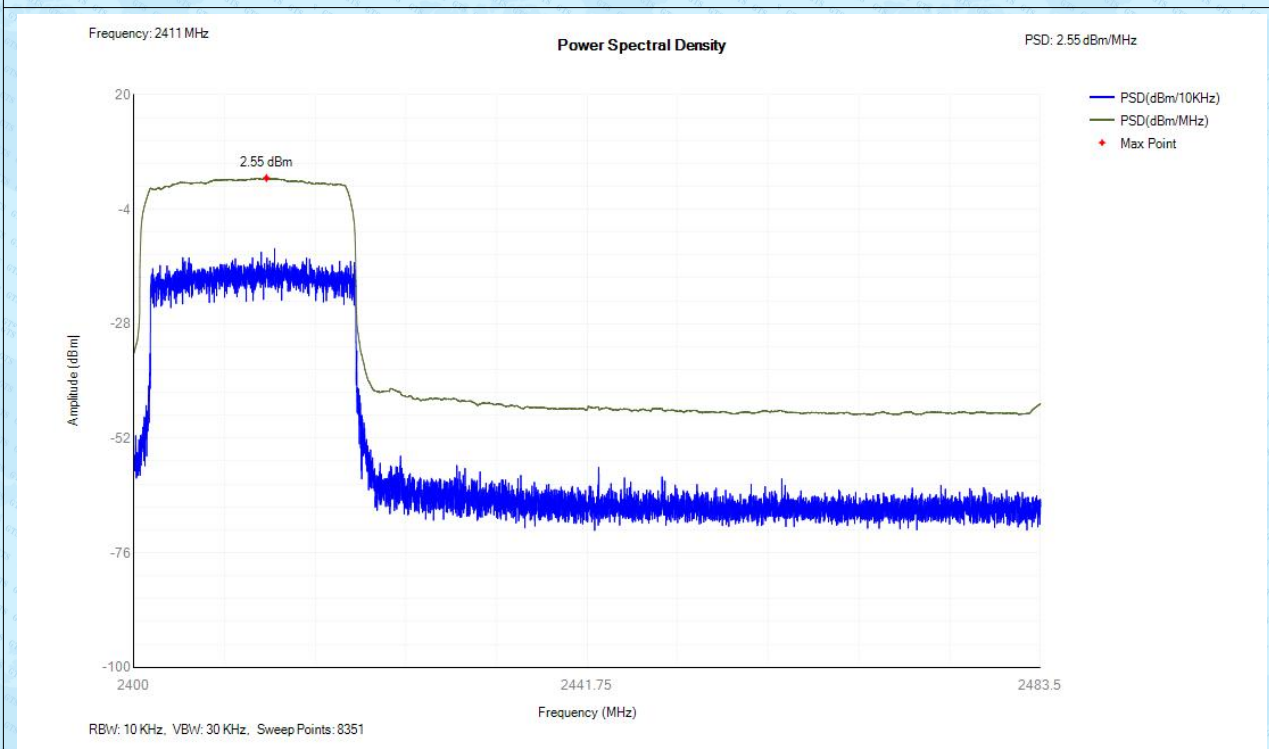
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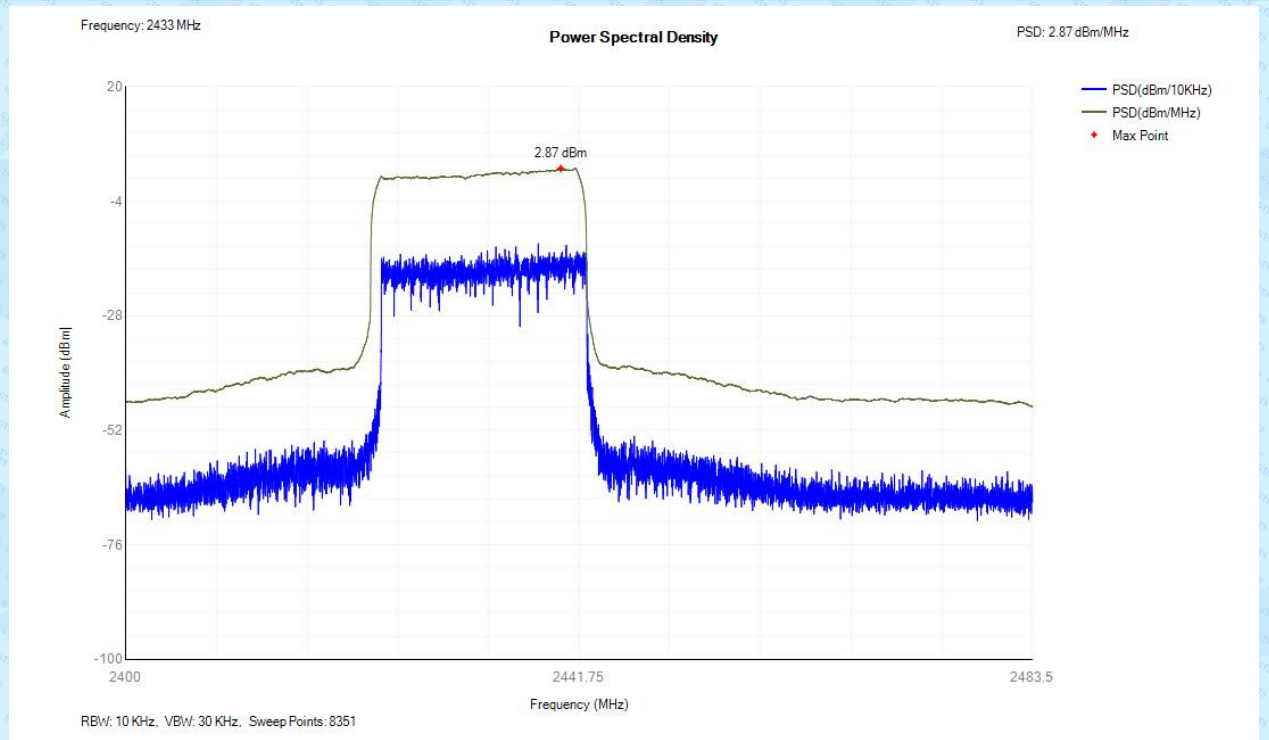
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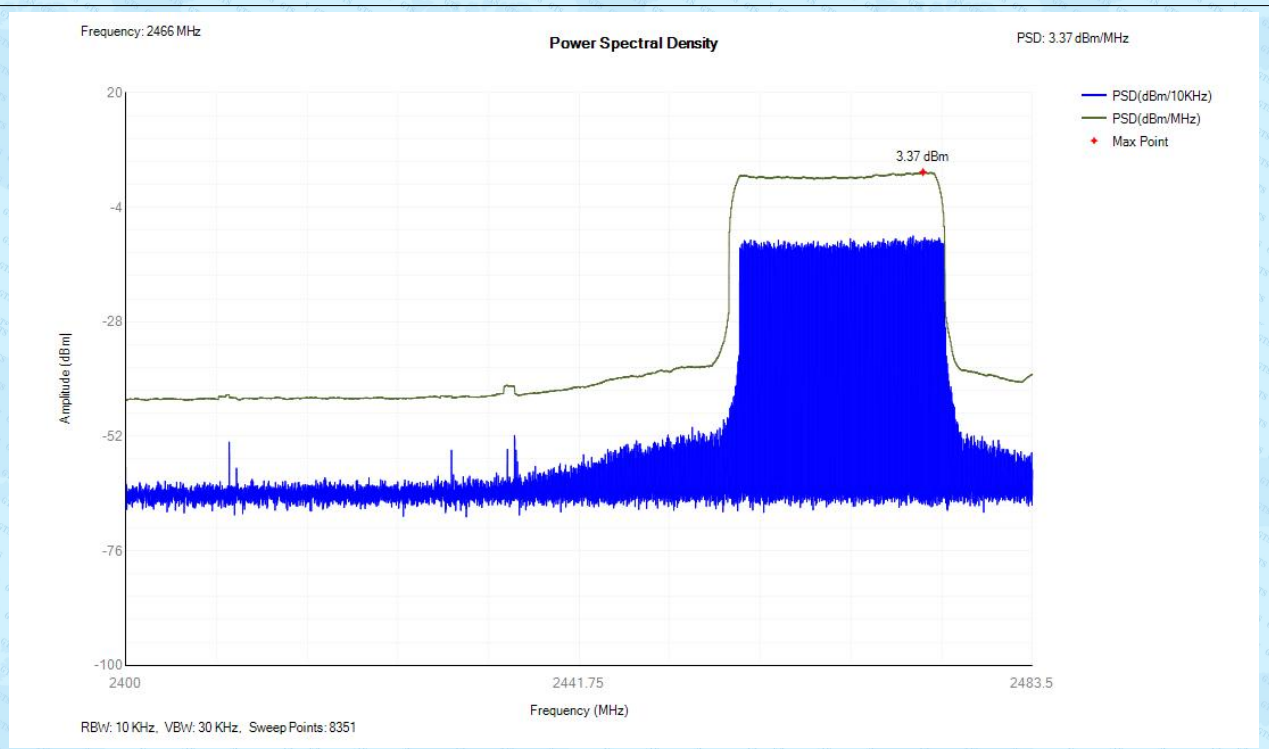
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PSD NVNT 2.4G SRD_20M 2433MHz Ant2



PSD NVNT 2.4G SRD_20M 2466MHz Ant2



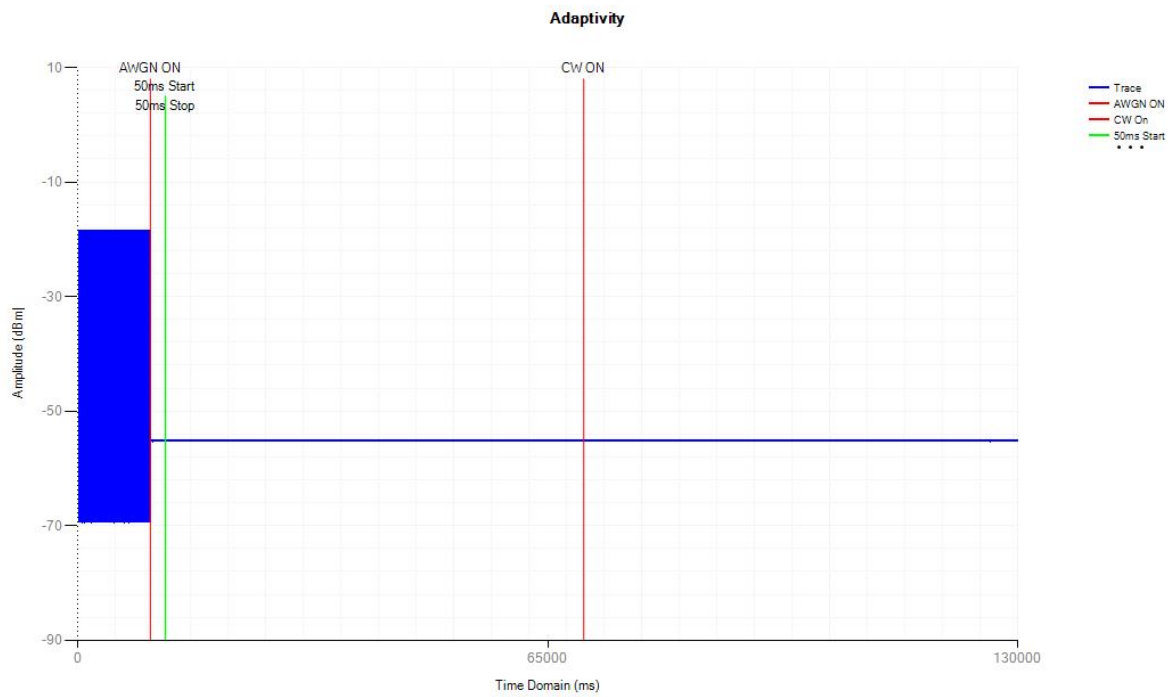
5.4.6 Adaptivity

Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	2.4G SRD_10M	2403.97	Ant1	-64	-35	3.47	6.94	<=10	Pass
				-64.71	-35	4.33	8.66	<=10	Pass
			Ant2	-64.75	-35	4.33	8.66	<=10	Pass
				-64.5	-35	3.47	6.94	<=10	Pass

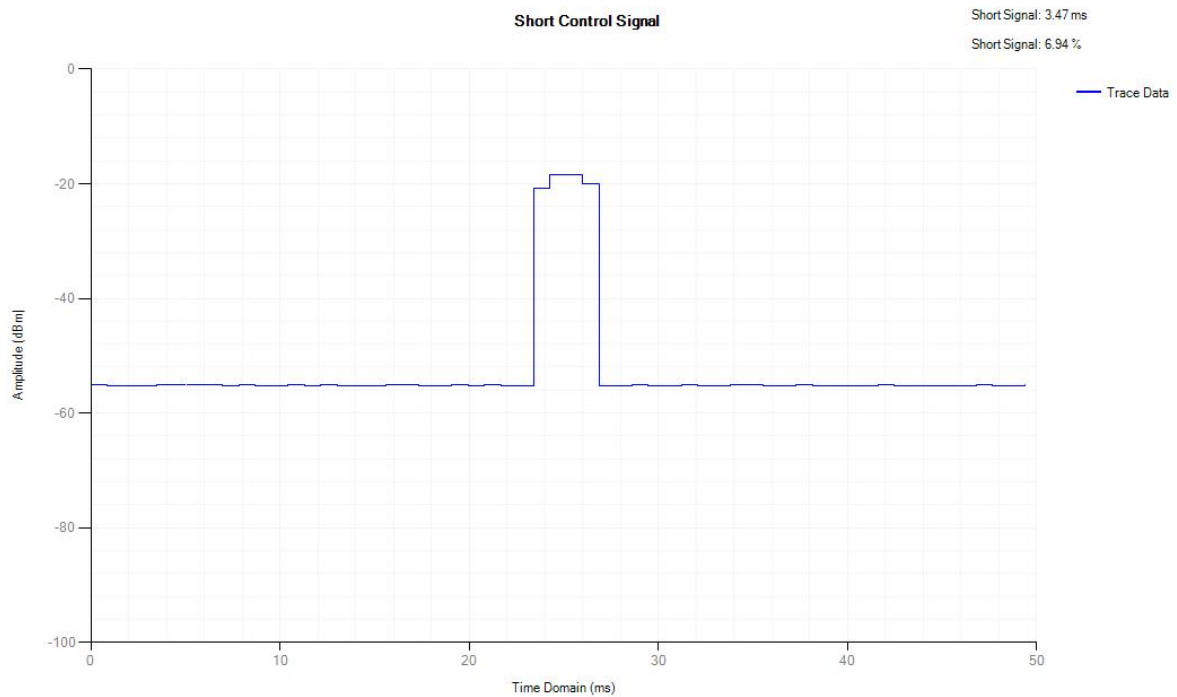
Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	2.4G SRD_20M	2403.97	Ant1	-64.3	-35	3.47	6.94	<=10	Pass
				-64.39	-35	3.47	6.94	<=10	Pass
			Ant2	-64.43	-35	3.47	6.94	<=10	Pass
				-64.26	-35	0	0	<=10	Pass

Test Graphs

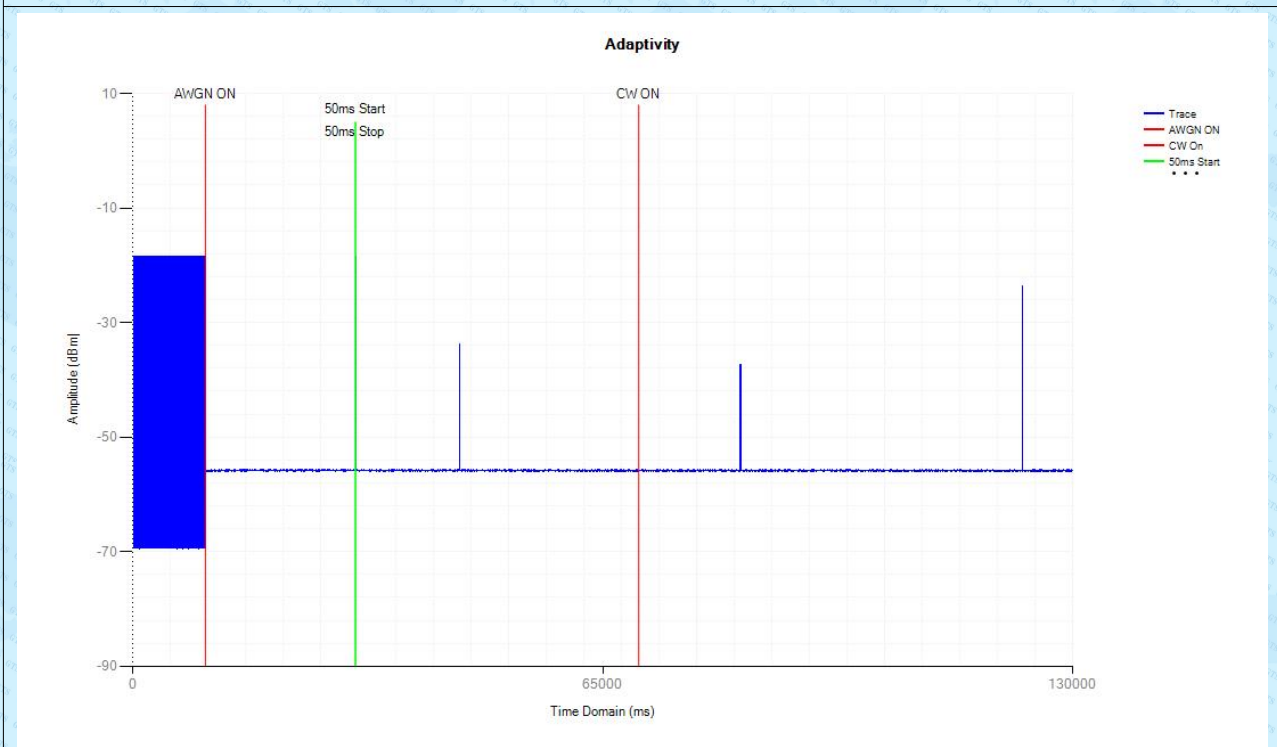
Adaptivity NVNT 2.4G SRD_10M 2403.97MHz



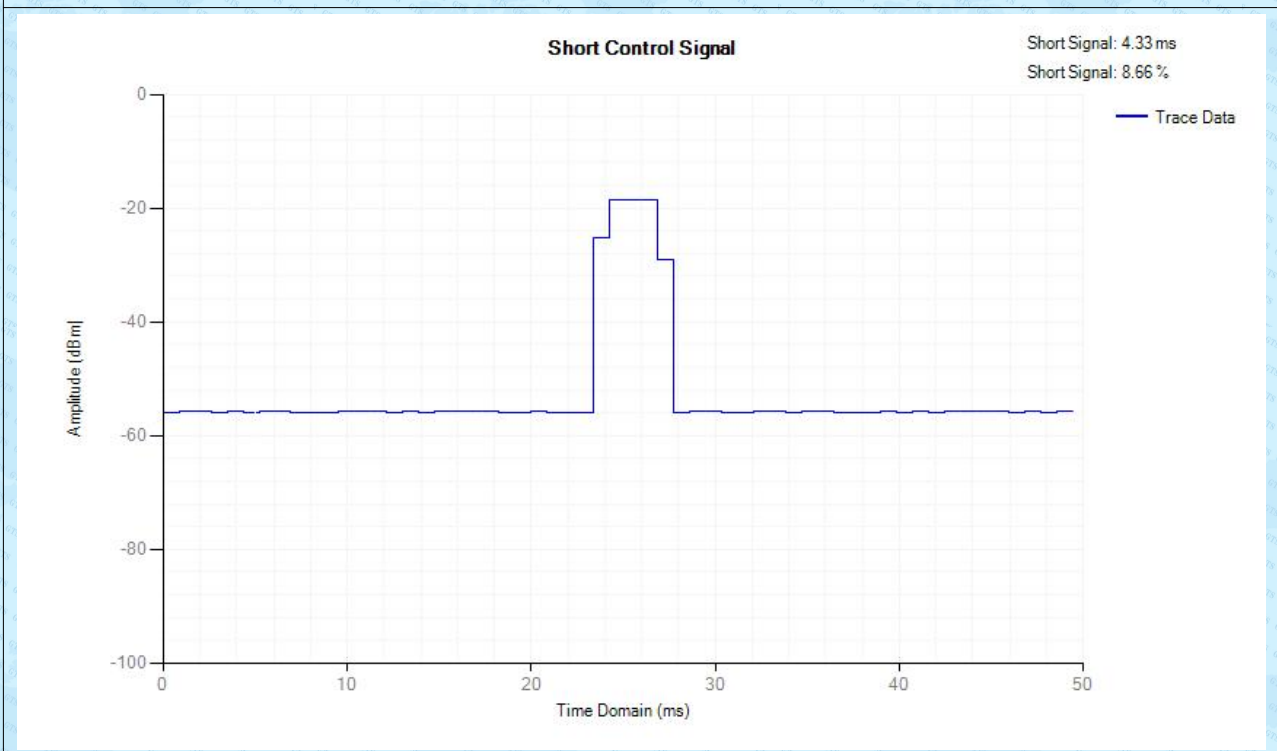
Control Signal NVNT 2.4G SRD_10M 2403.97MHz



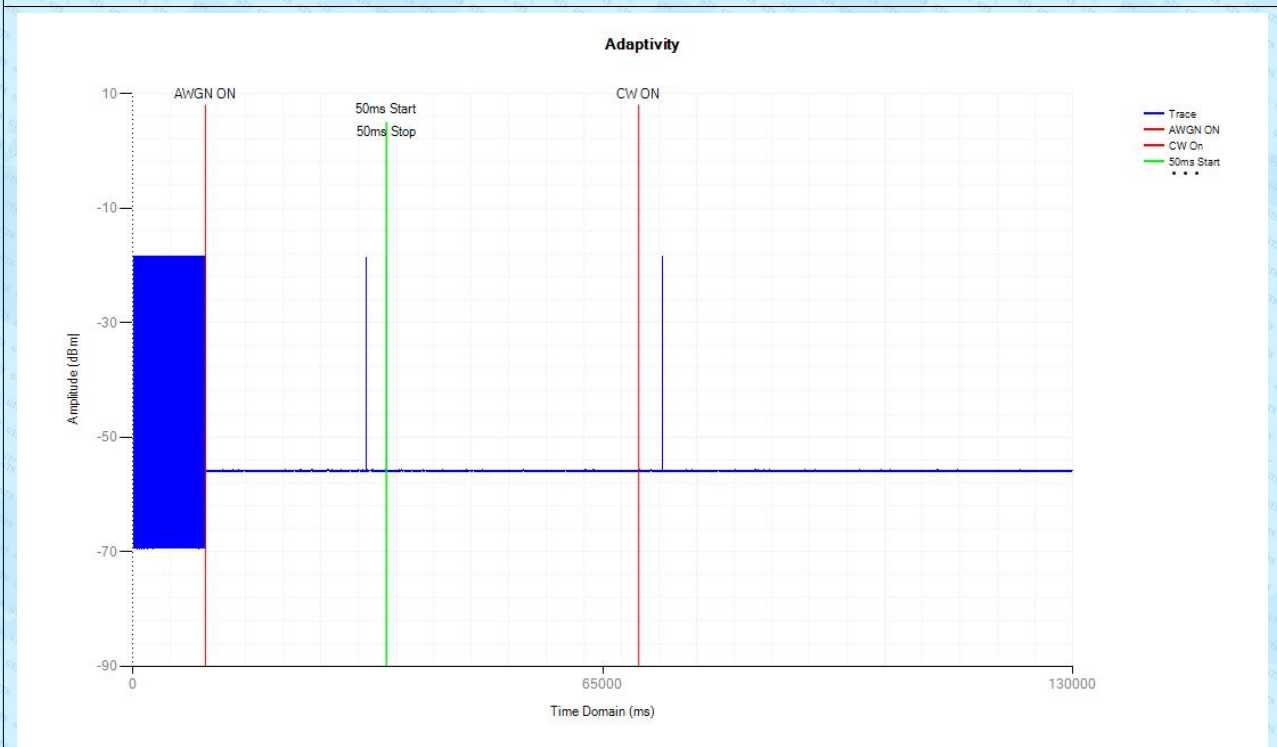
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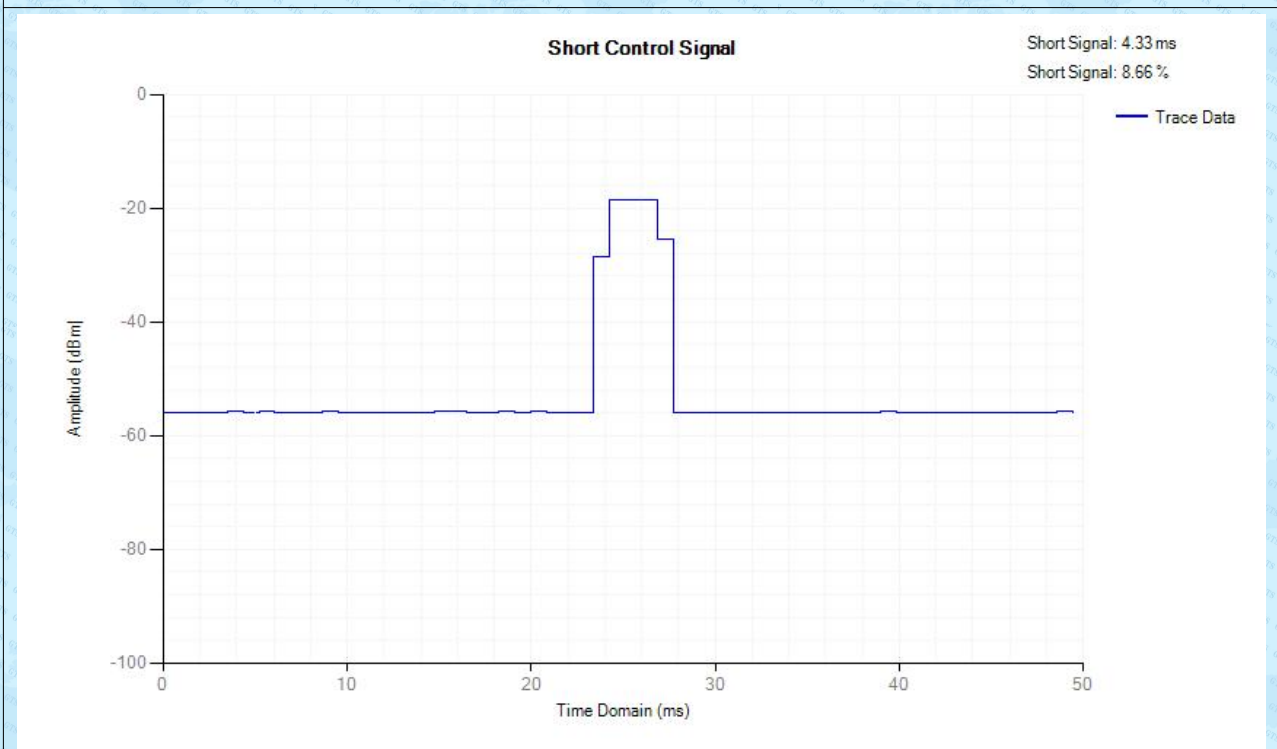
Control Signal NVNT 2.4G SRD_10M 2403.97MHz



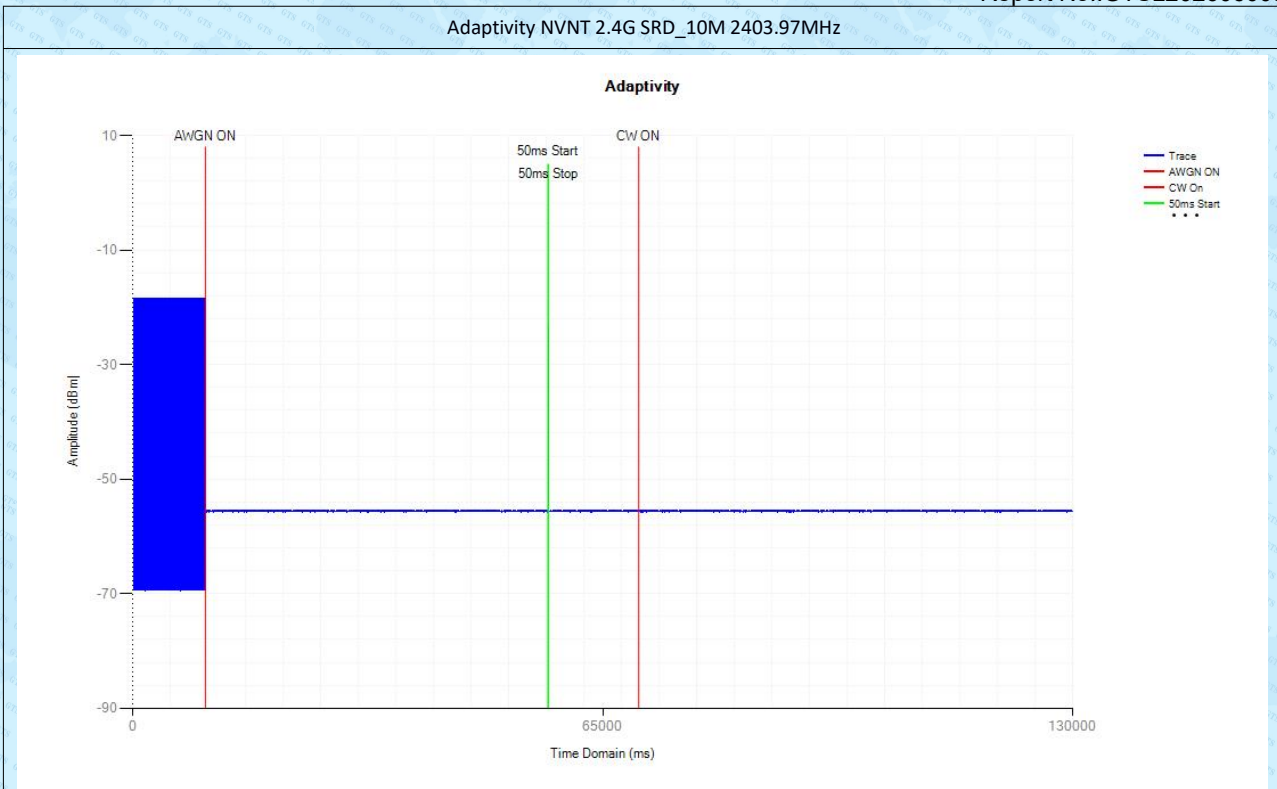
Adaptivity NVNT 2.4G SRD_10M 2403.97MHz



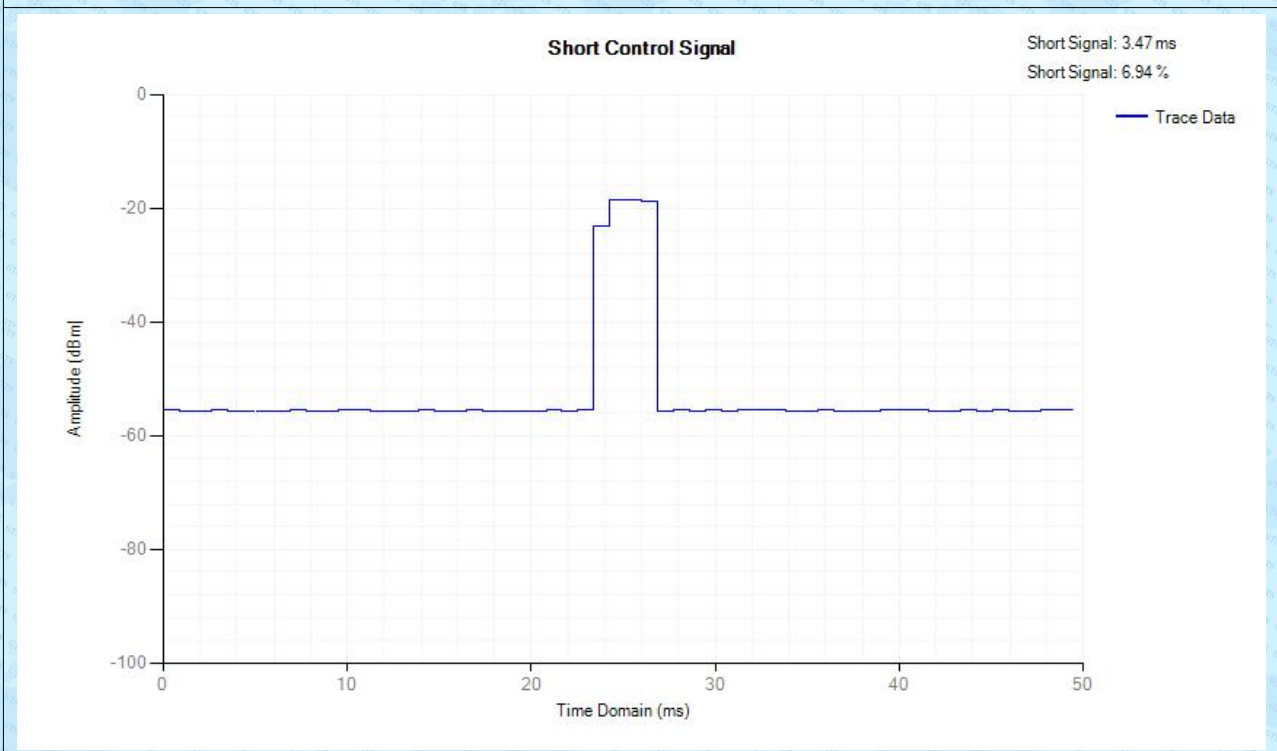
Control Signal NVNT 2.4G SRD_10M 2403.97MHz



Adaptivity NVNT 2.4G SRD_10M 2403.97MHz

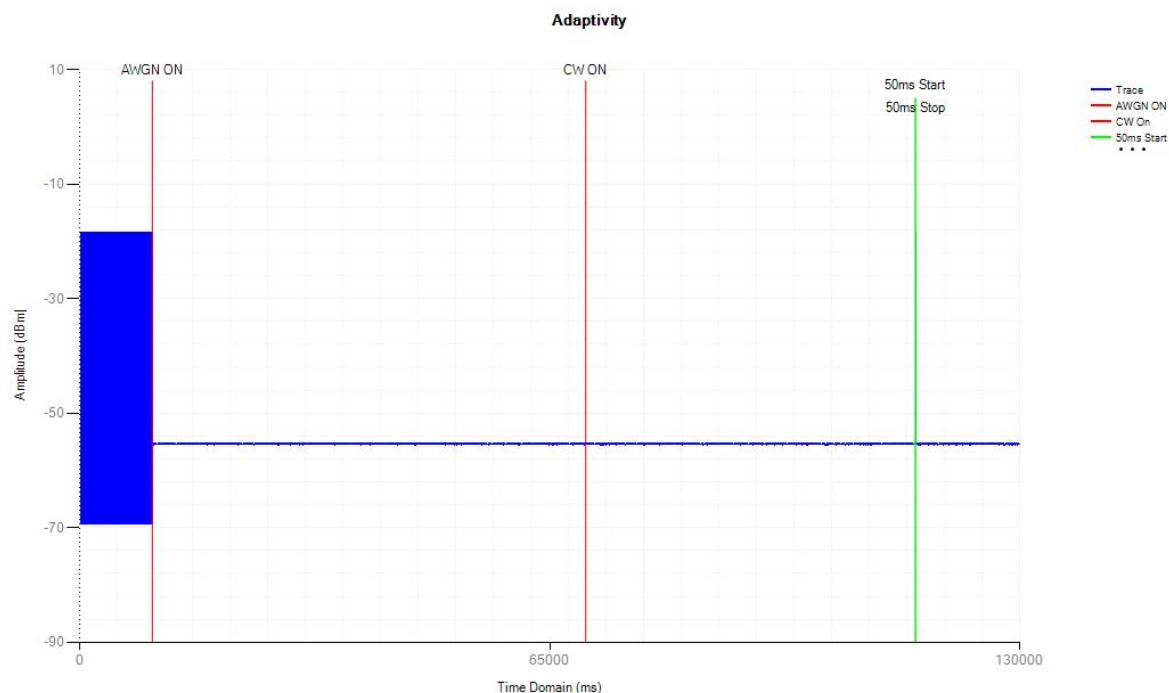


Control Signal NVNT 2.4G SRD_10M 2403.97MHz

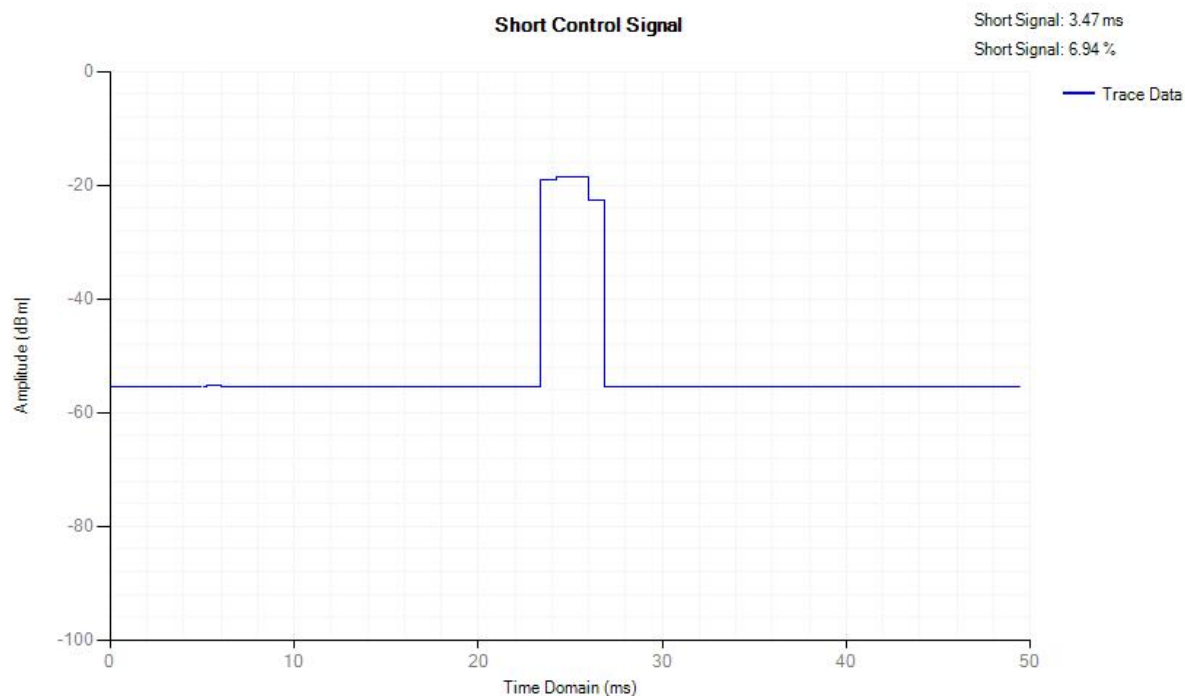


Test Graphs

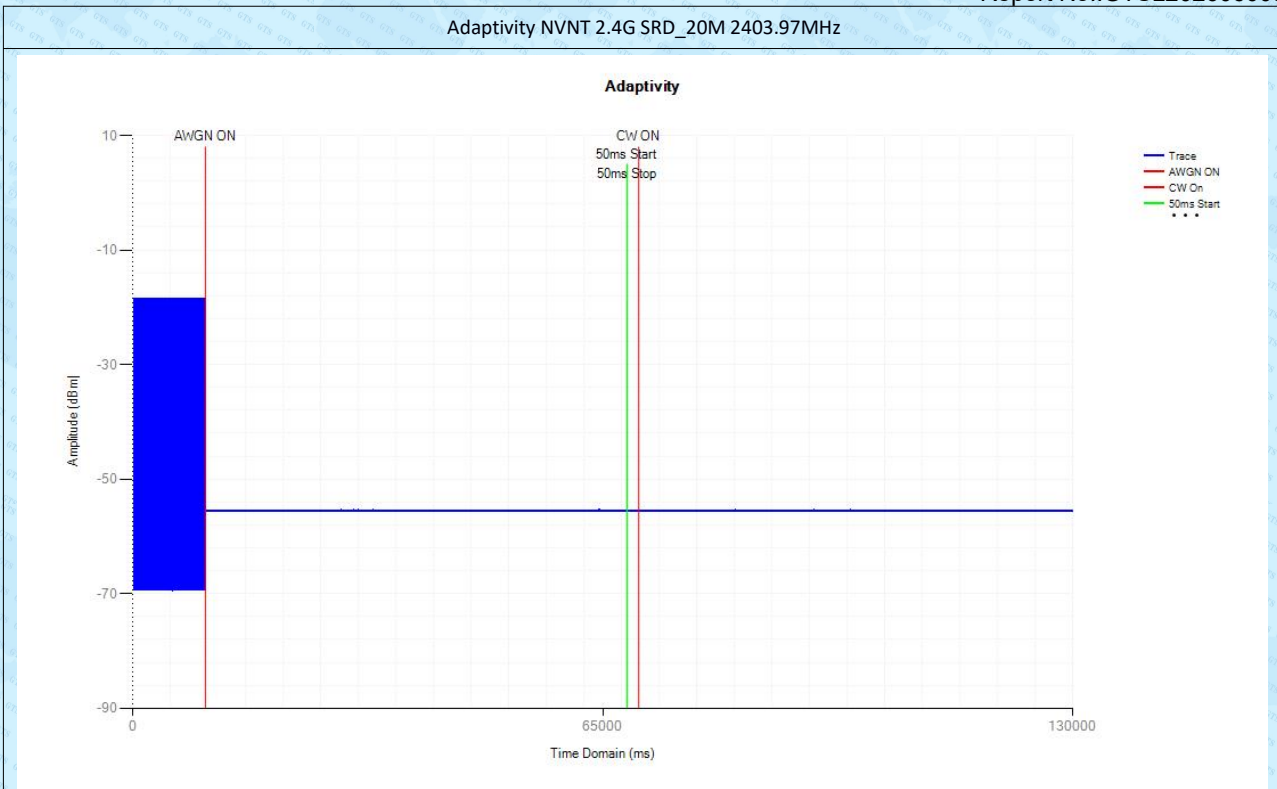
Adaptivity NVNT 2.4G SRD_20M 2403.97MHz



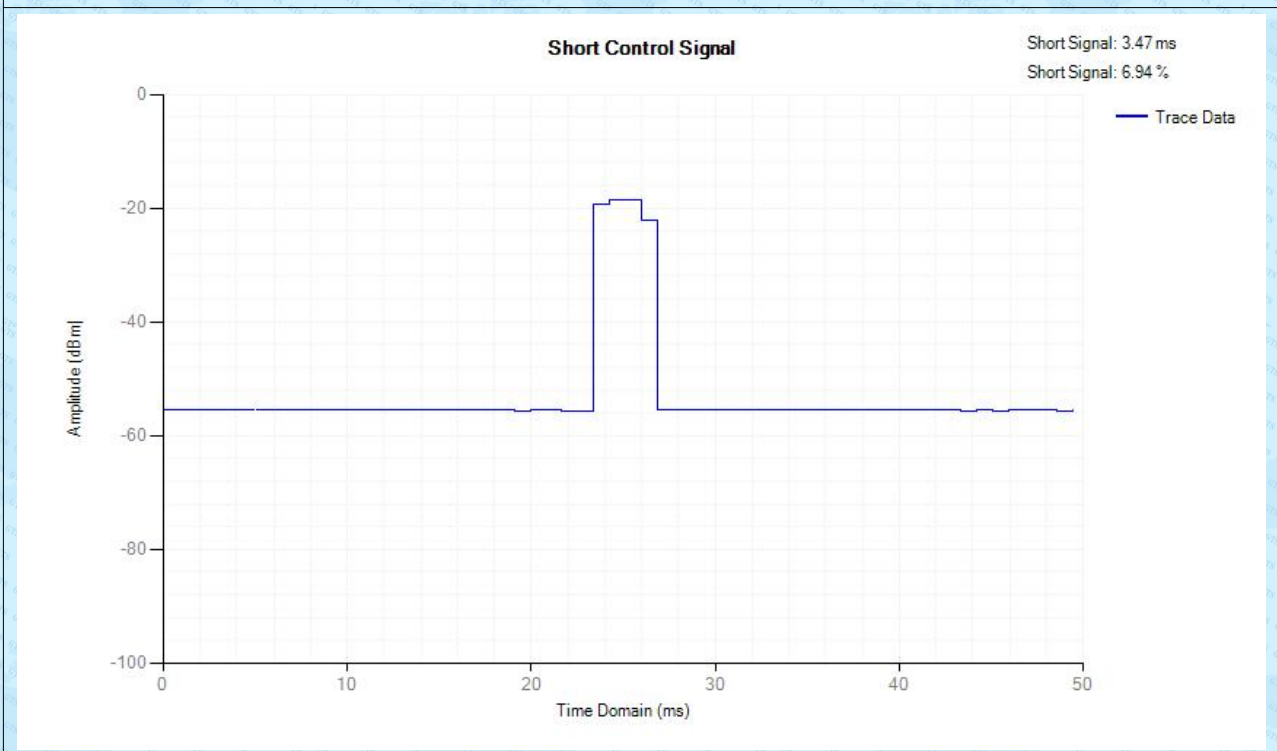
Control Signal NVNT 2.4G SRD_20M 2403.97MHz



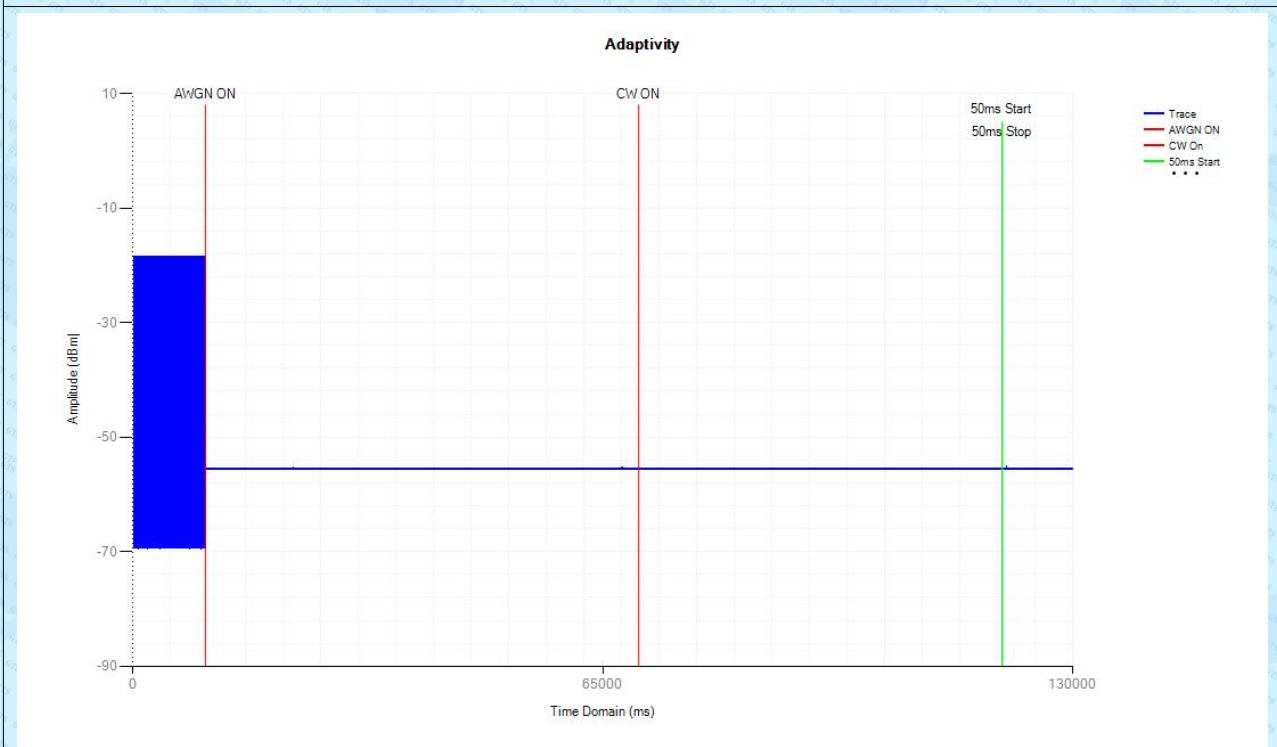
Adaptivity NVNT 2.4G SRD_20M 2403.97MHz



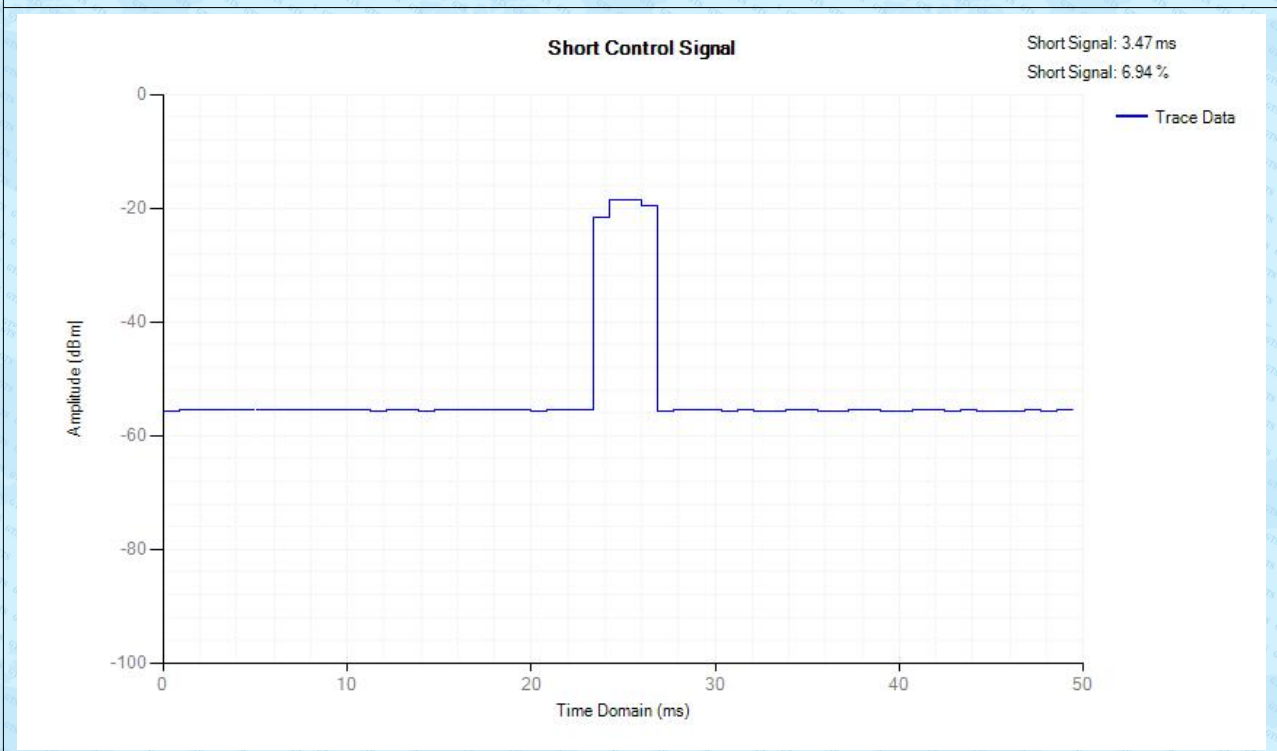
Control Signal NVNT 2.4G SRD_20M 2403.97MHz



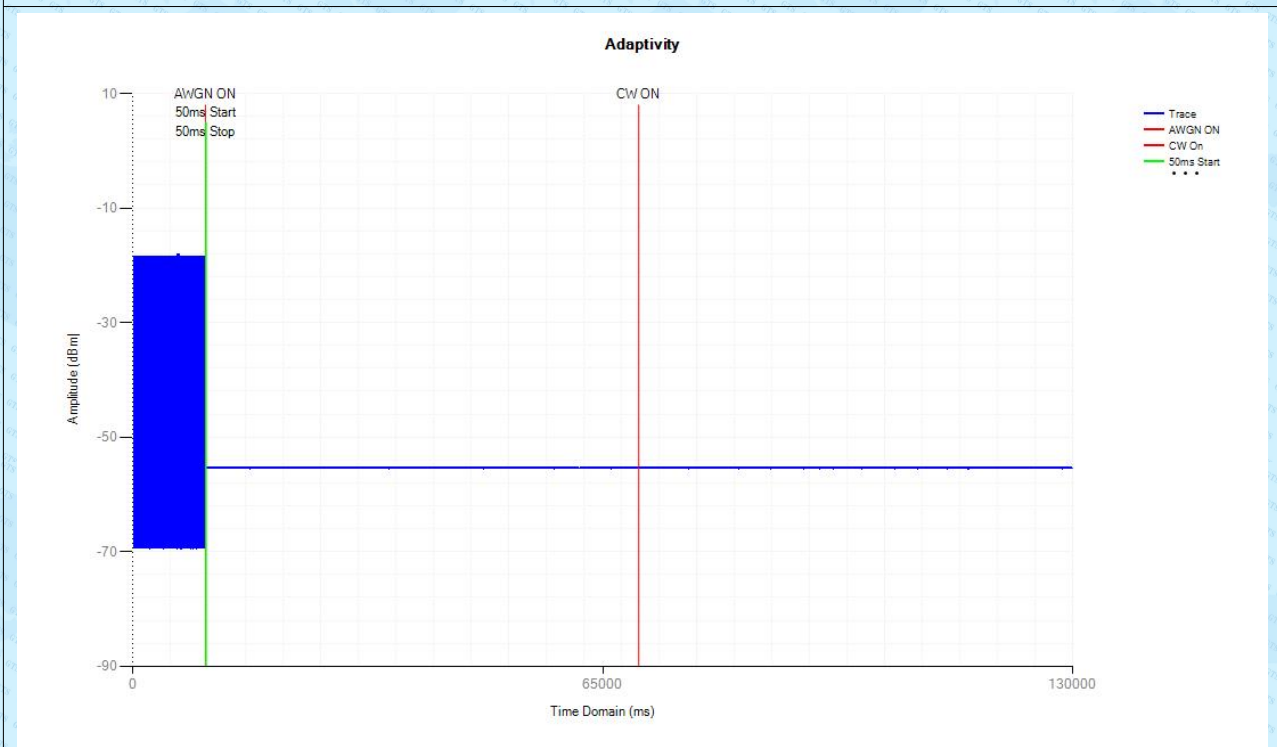
Adaptivity NVNT 2.4G SRD_20M 2403.97MHz



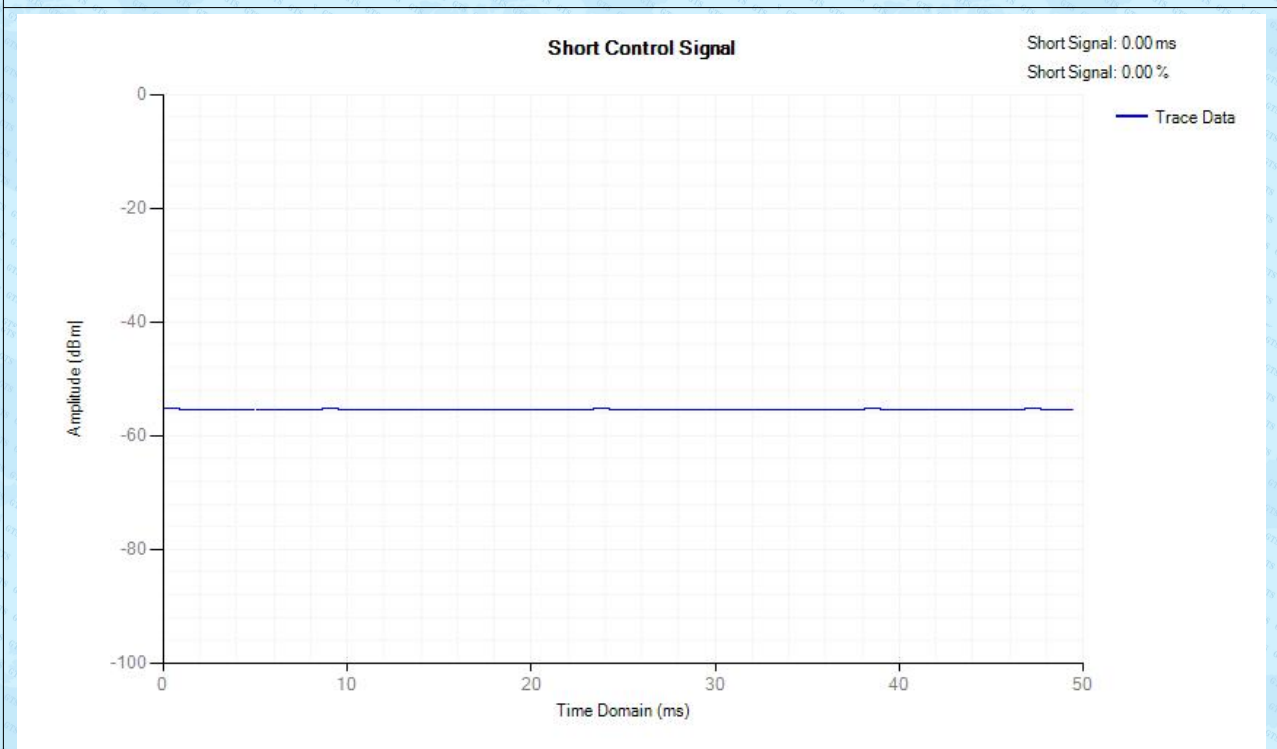
Control Signal NVNT 2.4G SRD_20M 2403.97MHz



Adaptivity NVNT 2.4G SRD_20M 2403.97MHz



Control Signal NVNT 2.4G SRD_20M 2403.97MHz



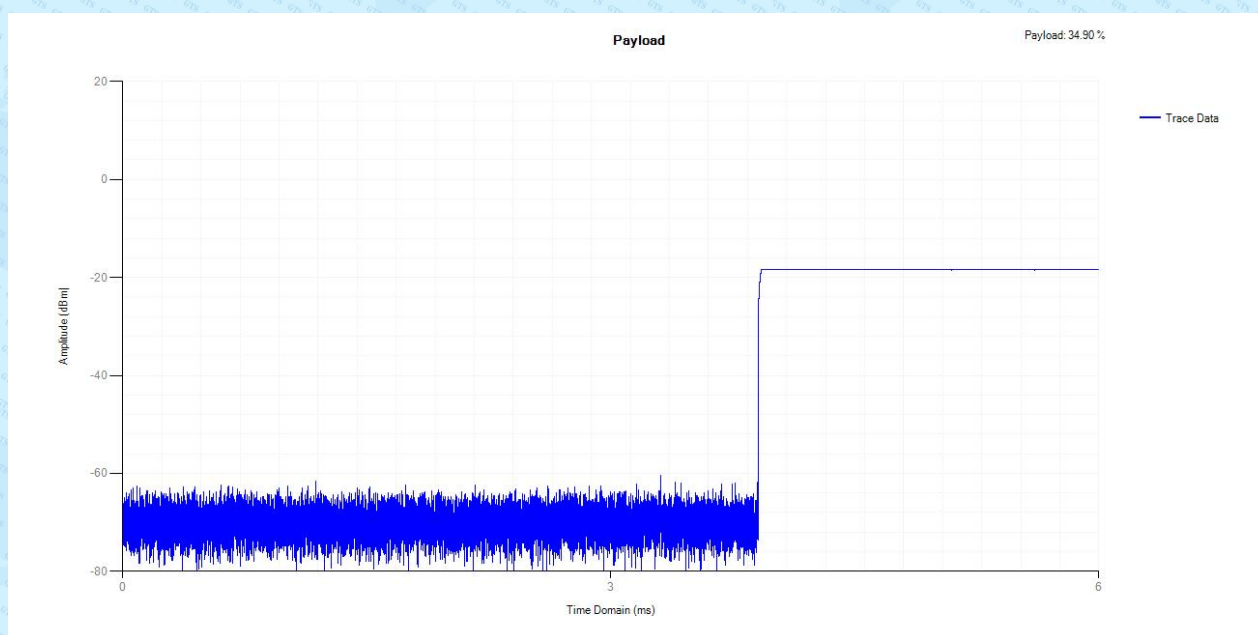
5.4.6 Adaptivity COT

Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	2.4G SRD_10M	2403.97	Ant1	34.9	2.878	<=13	4.132	>0.018	Pass
				47.96	2.878	<=13	4.132	>0.018	Pass
			Ant2	30.98	2.878	<=13	4.13	>0.018	Pass
				47.96	2.878	<=13	4.13	>0.018	Pass

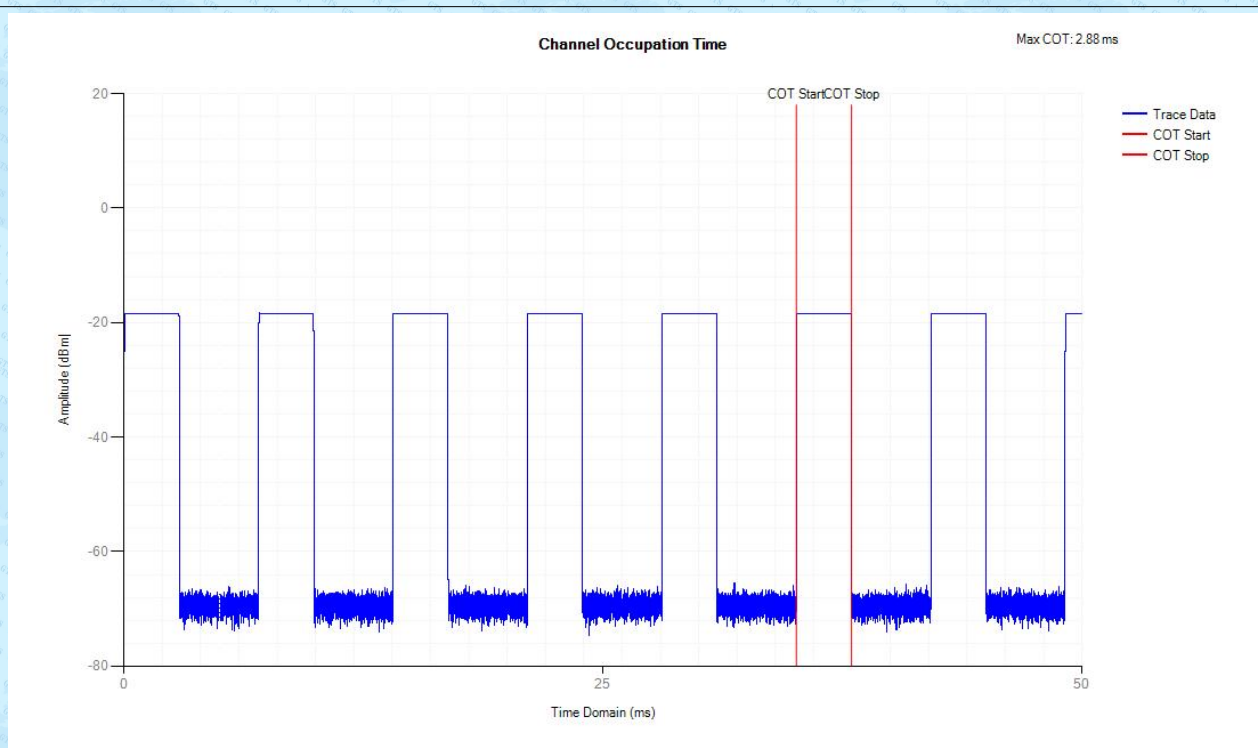
Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	2.4G SRD_20M	2403.97	Ant1	47.97	2.878	<=13	4.132	>0.018	Pass
				31.02	2.878	<=13	4.13	>0.018	Pass
			Ant2	38.15	2.878	<=13	4.132	>0.018	Pass
				47.96	2.878	<=13	4.132	>0.018	Pass

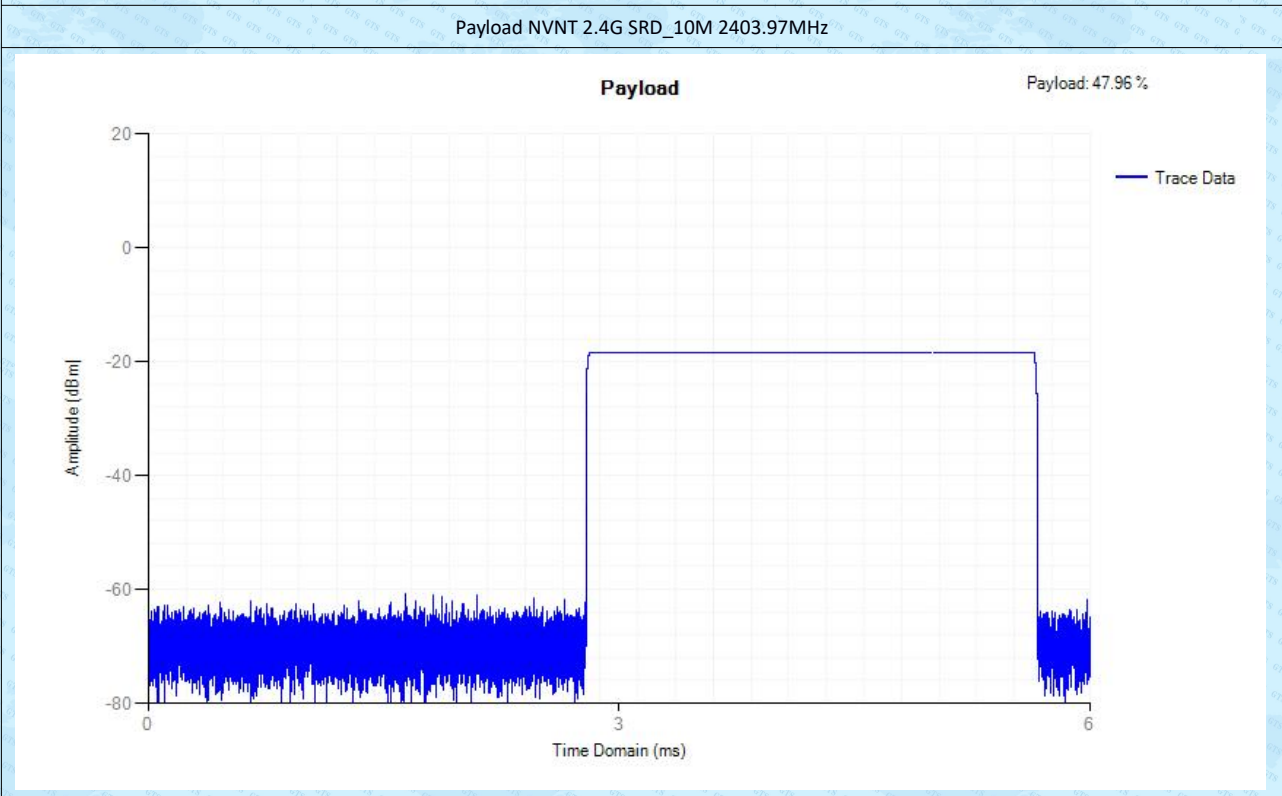
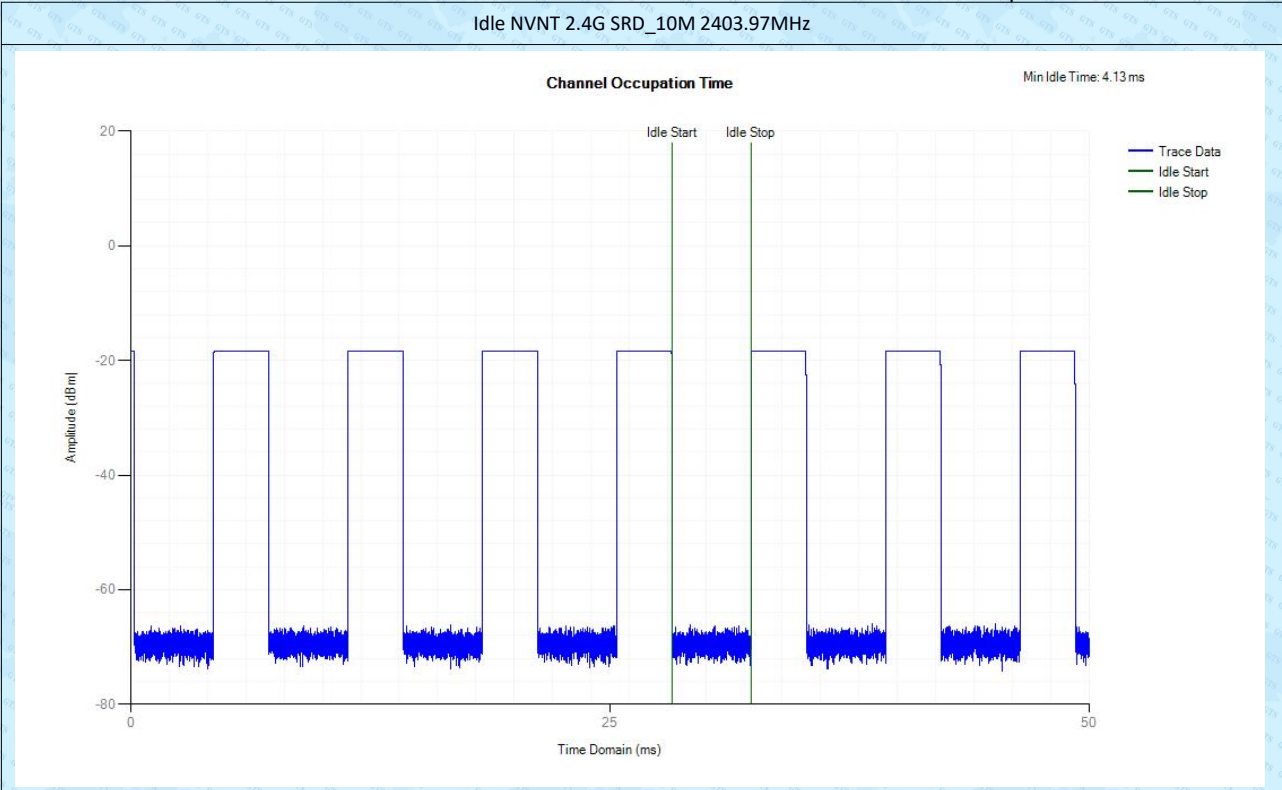
Test Graphs

Payload NVNT 2.4G SRD_10M 2403.97MHz

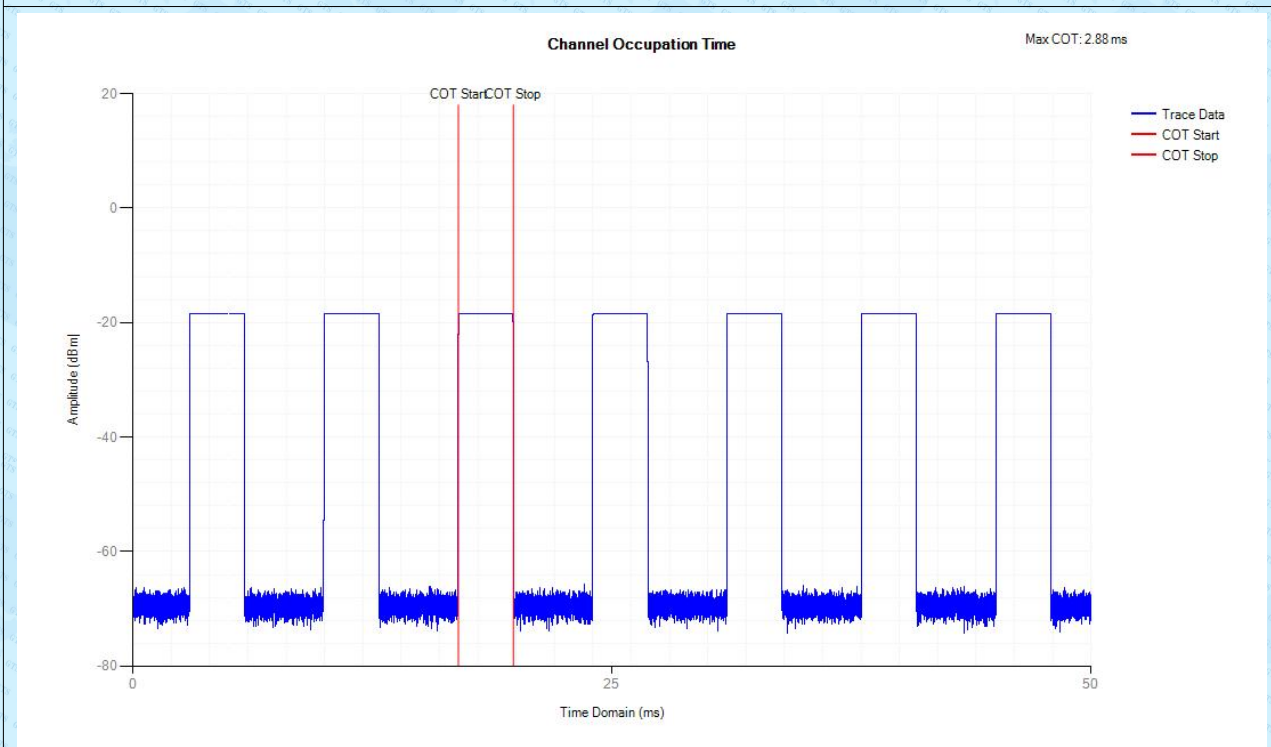


COT NVNT 2.4G SRD_10M 2403.97MHz

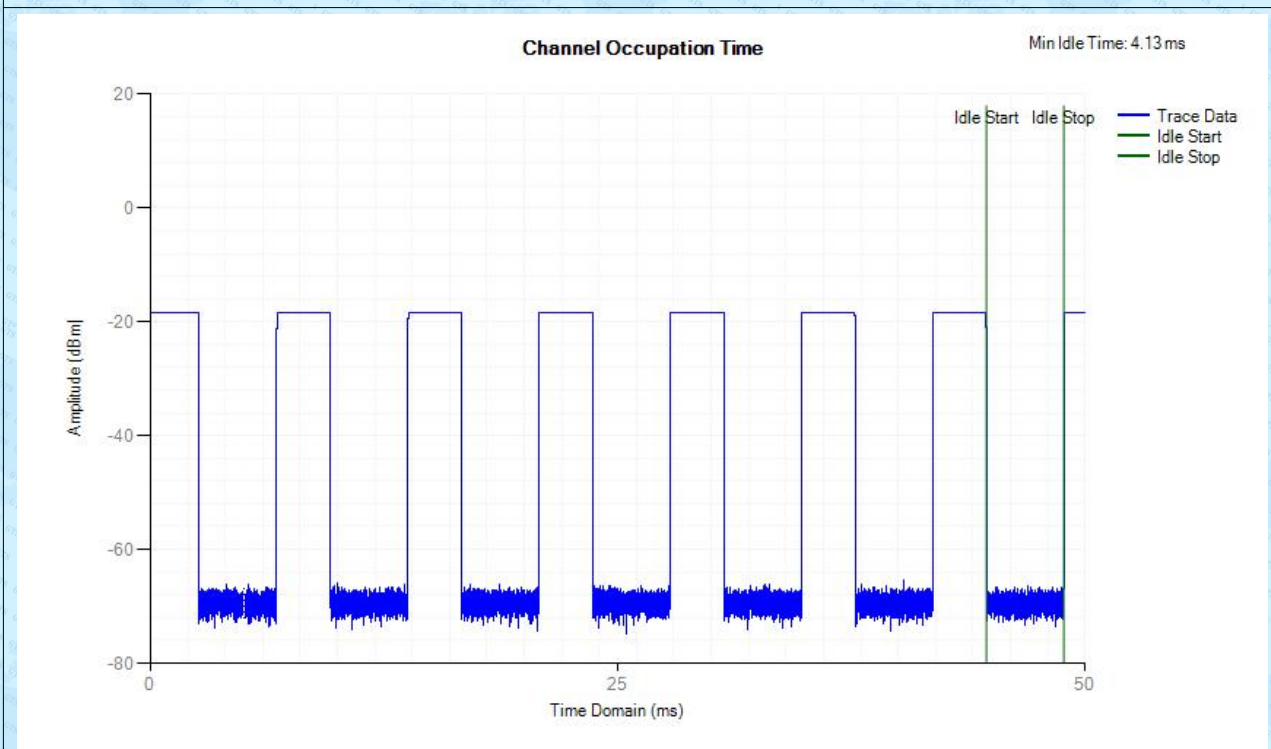




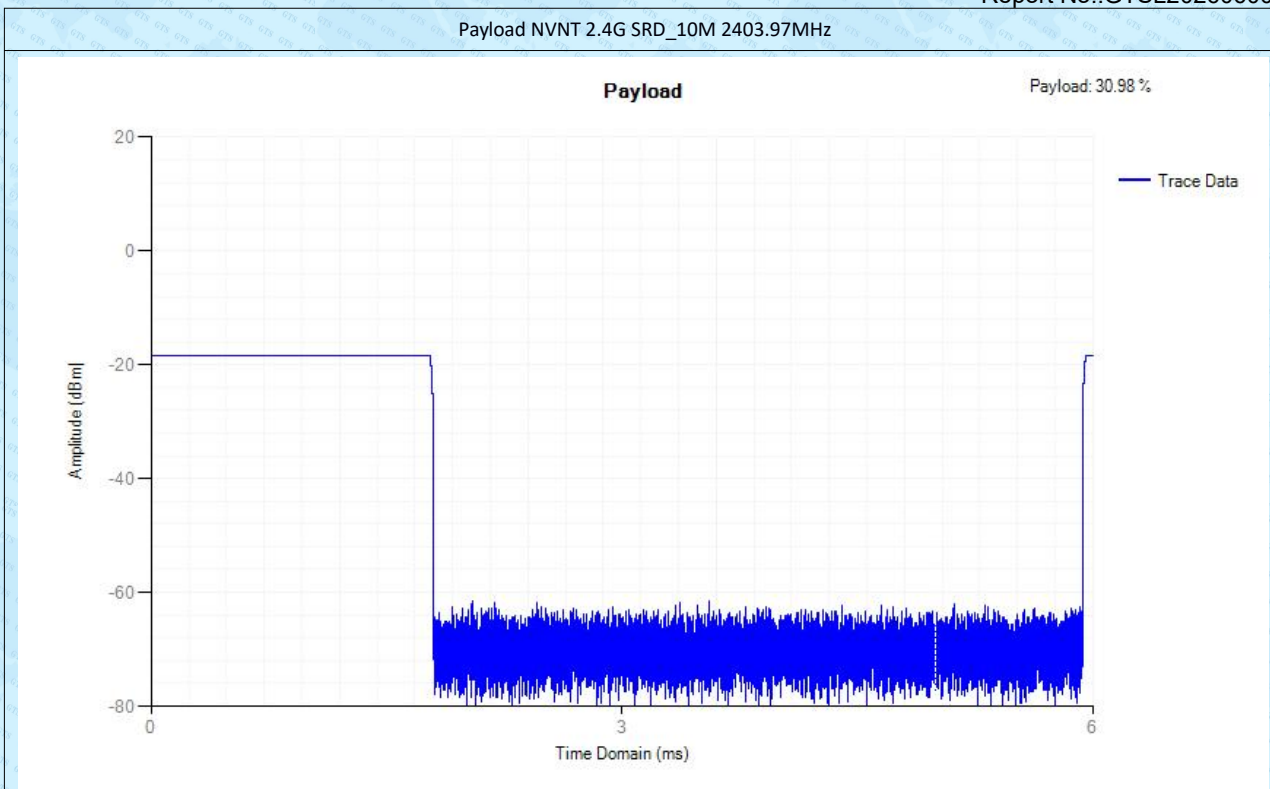
COT NVNT 2.4G SRD_10M 2403.97MHz



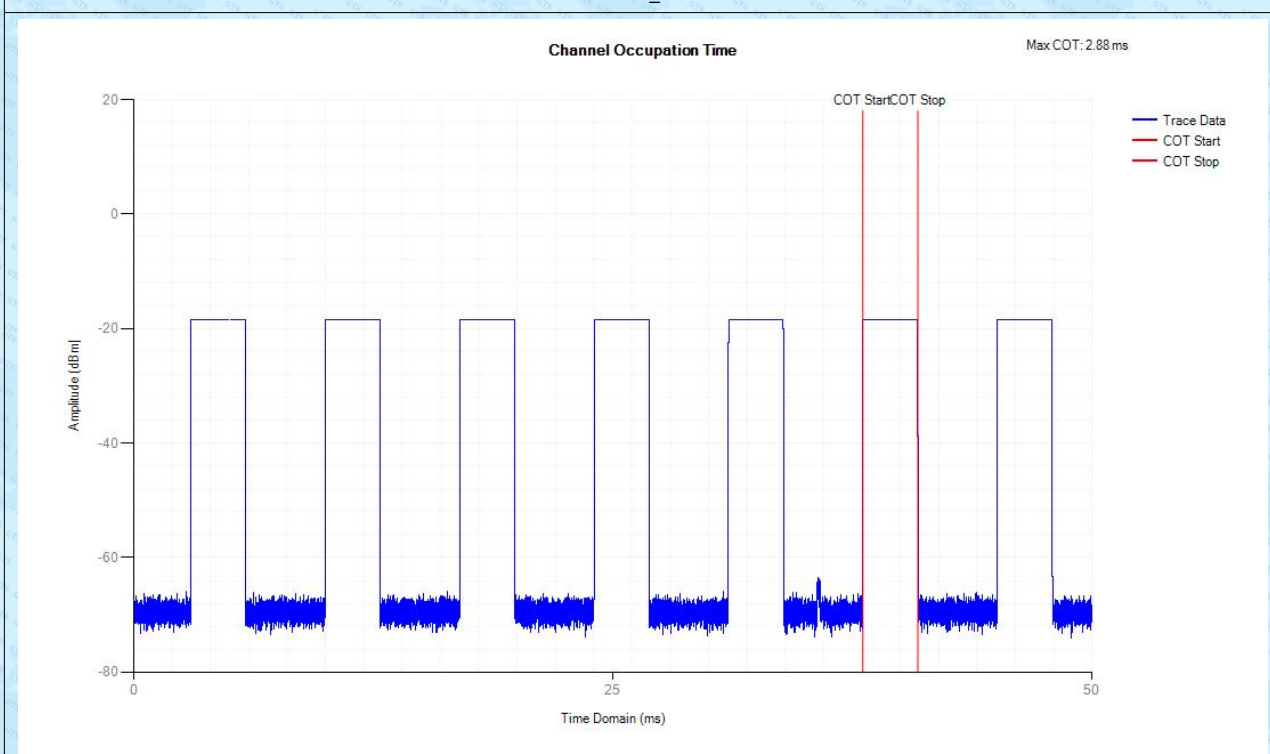
Idle NVNT 2.4G SRD_10M 2403.97MHz



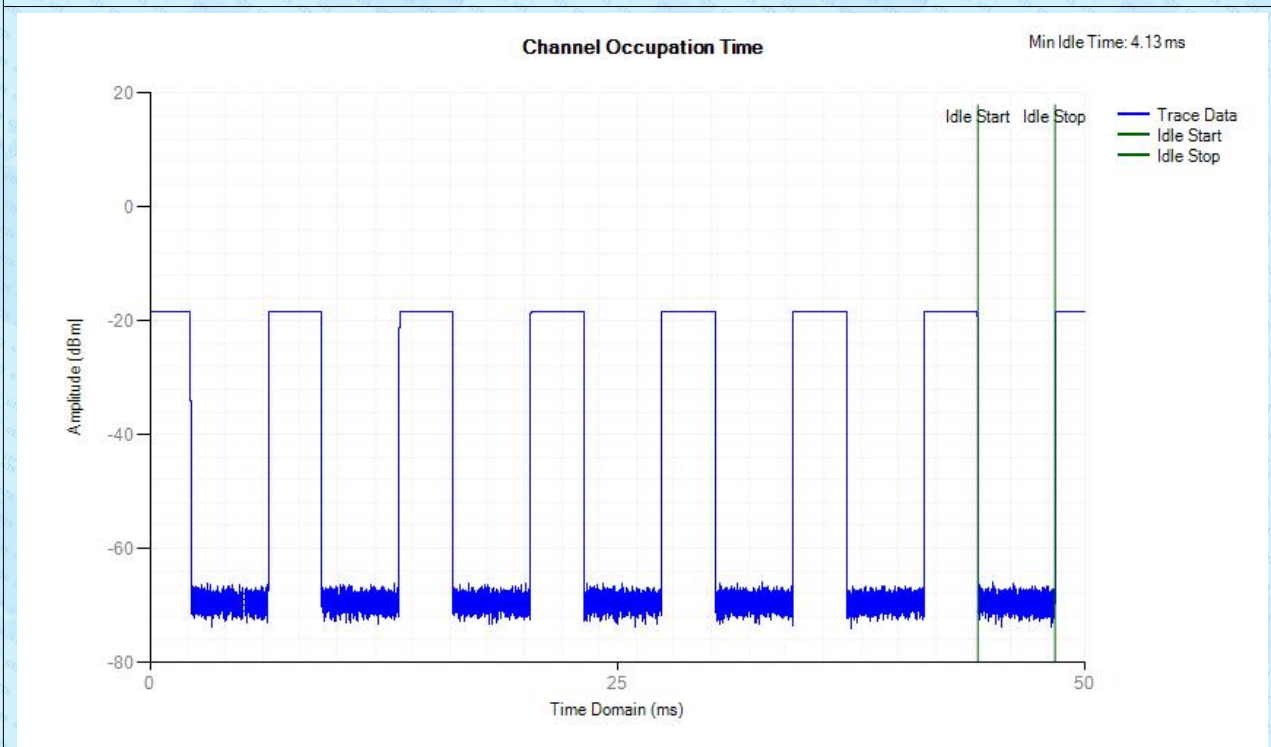
Payload NVNT 2.4G SRD_10M 2403.97MHz



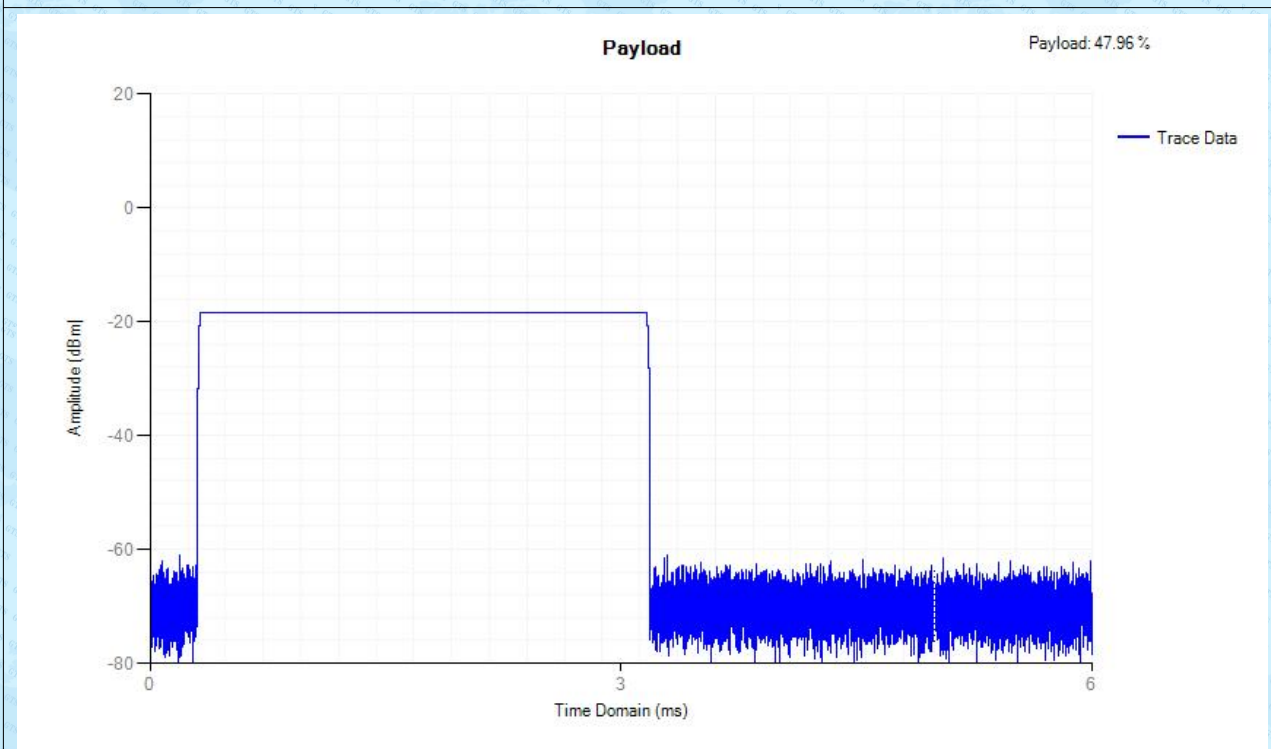
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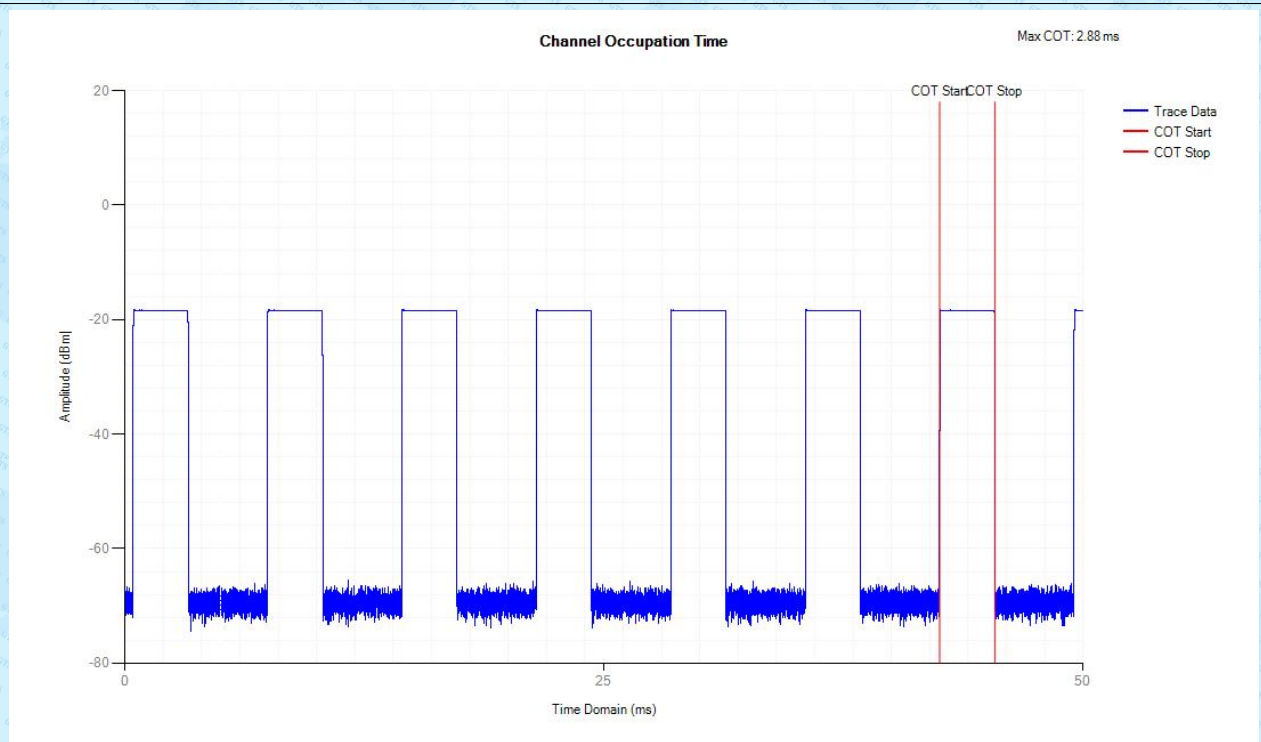
Idle NVNT 2.4G SRD_10M 2403.97MHz



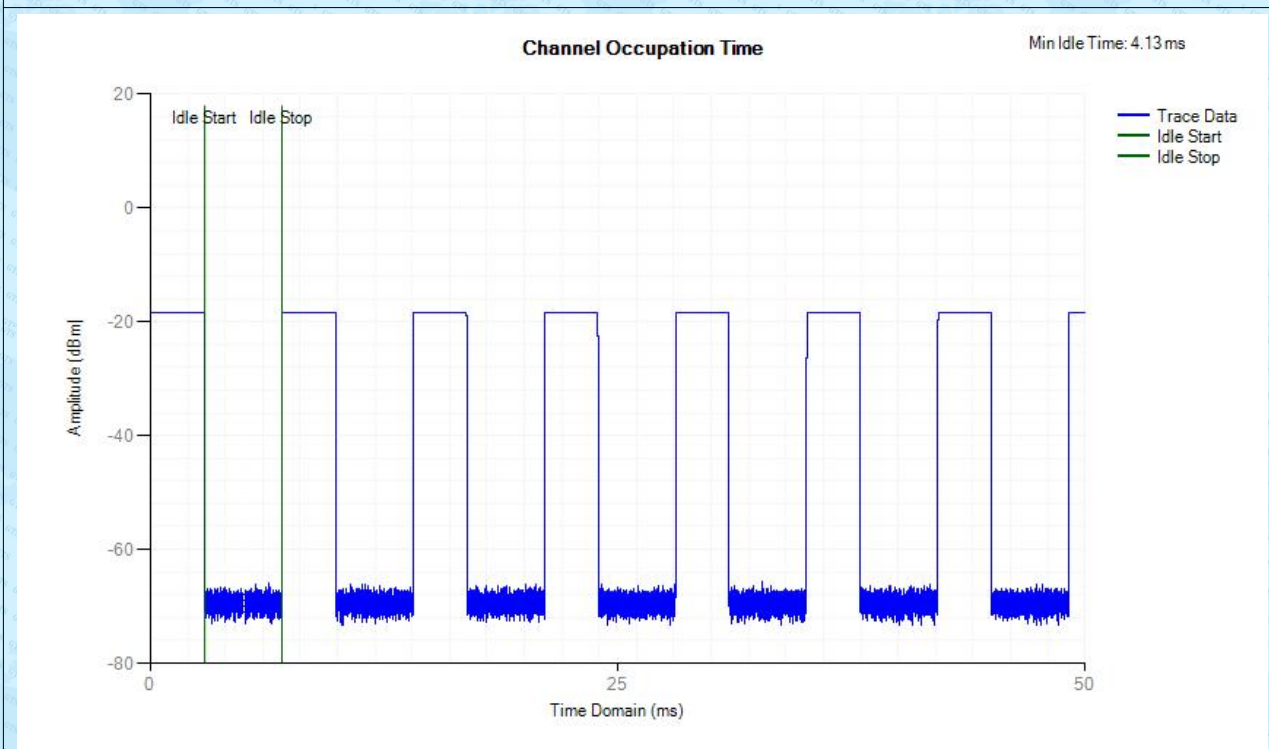
Payload NVNT 2.4G SRD_10M 2403.97MHz



COT NVNT 2.4G SRD_10M 2403.97MHz

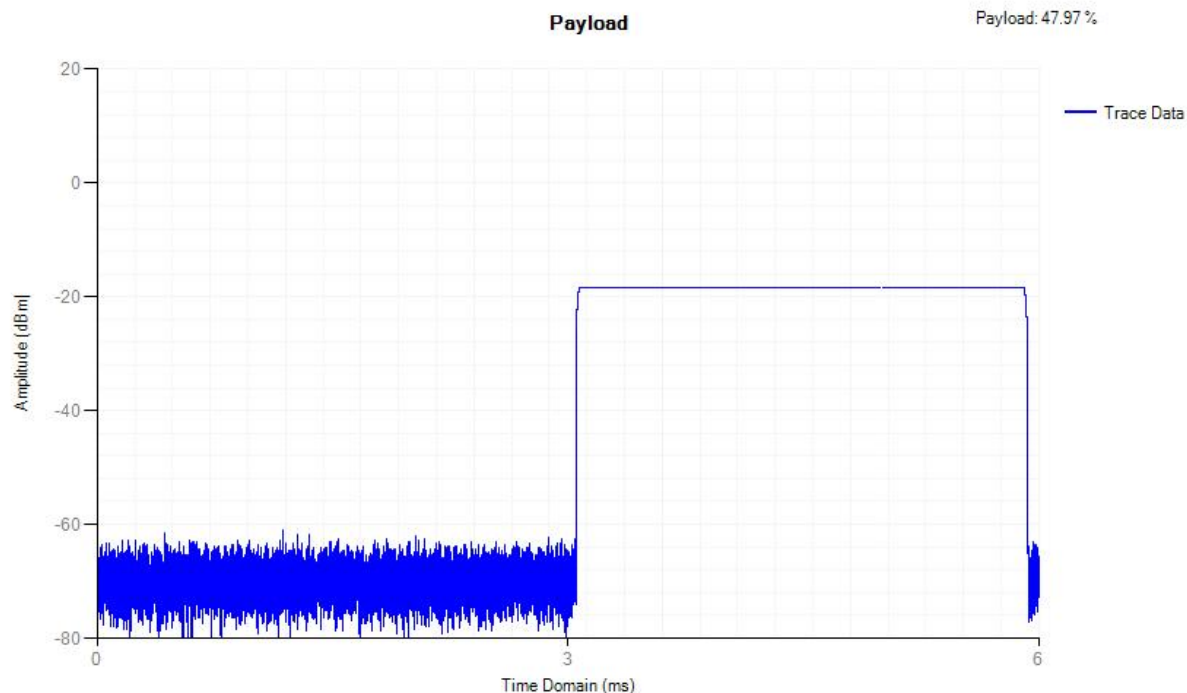


Idle NVNT 2.4G SRD_10M 2403.97MHz

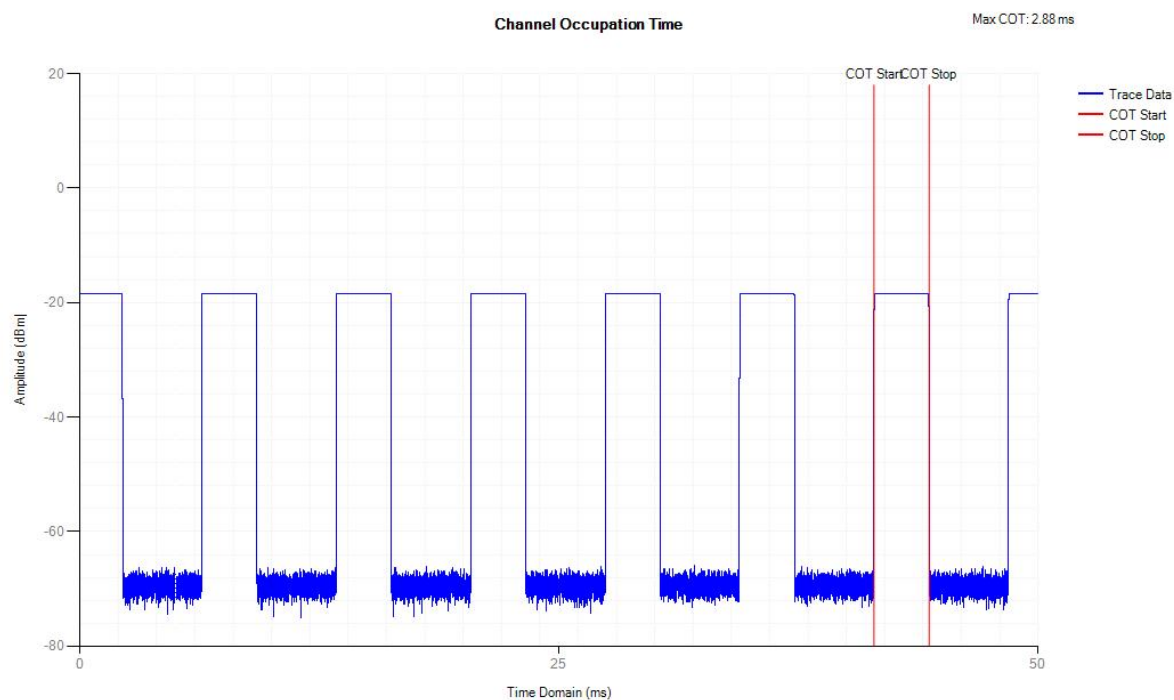


Test Graphs

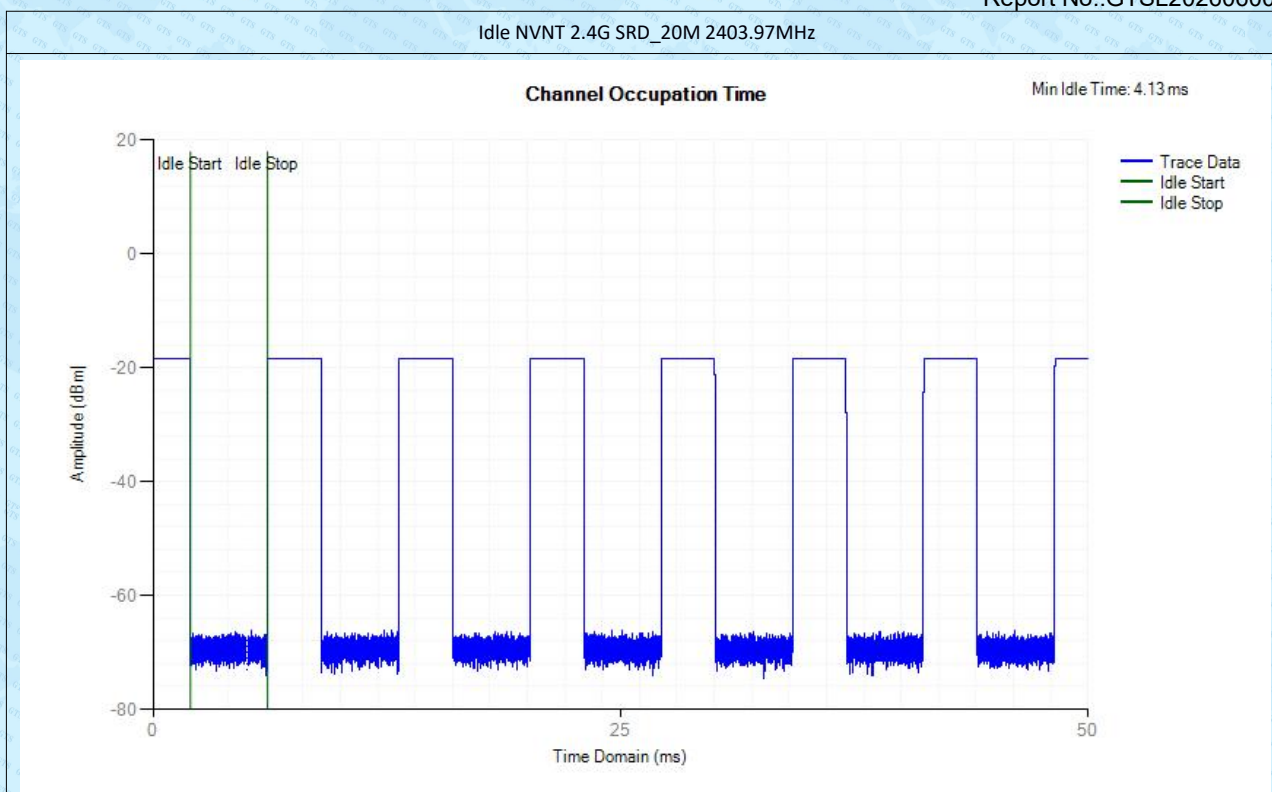
Payload NVNT 2.4G SRD_20M 2403.97MHz



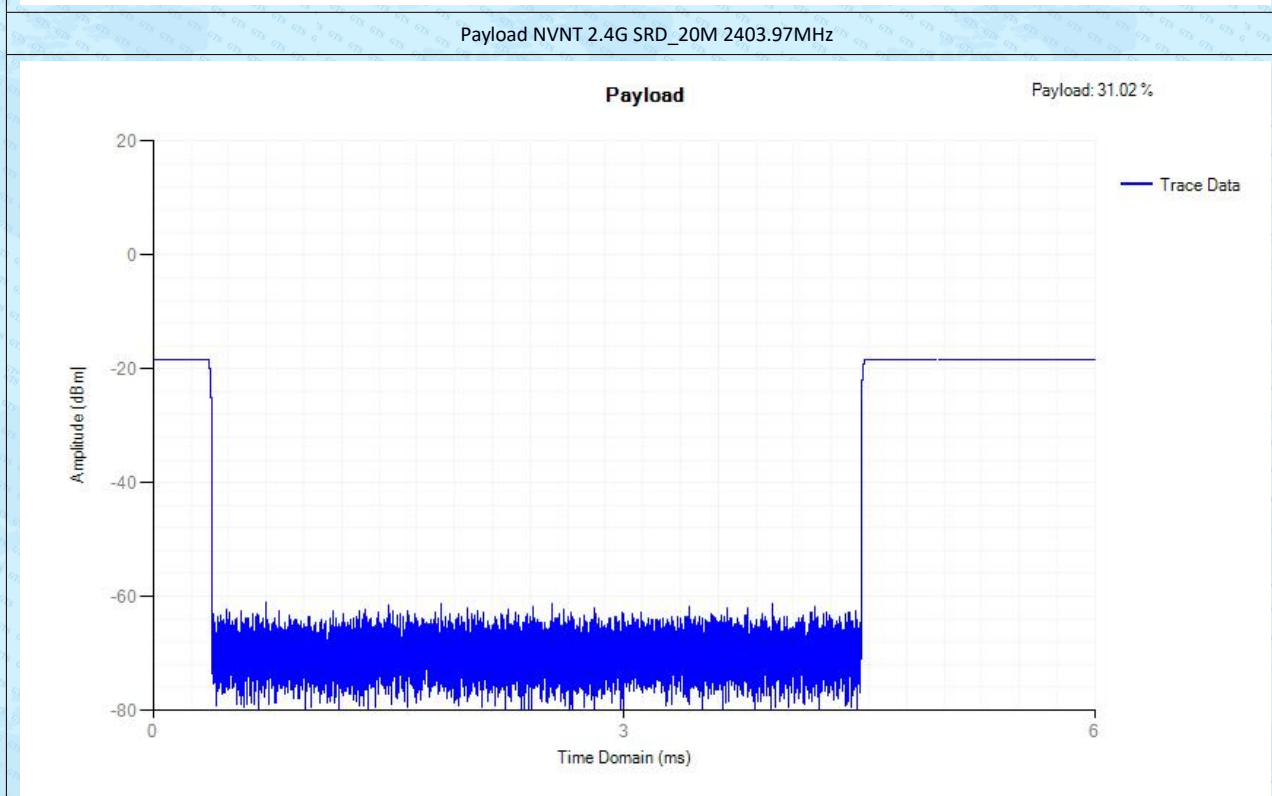
COT NVNT 2.4G SRD_20M 2403.97MHz



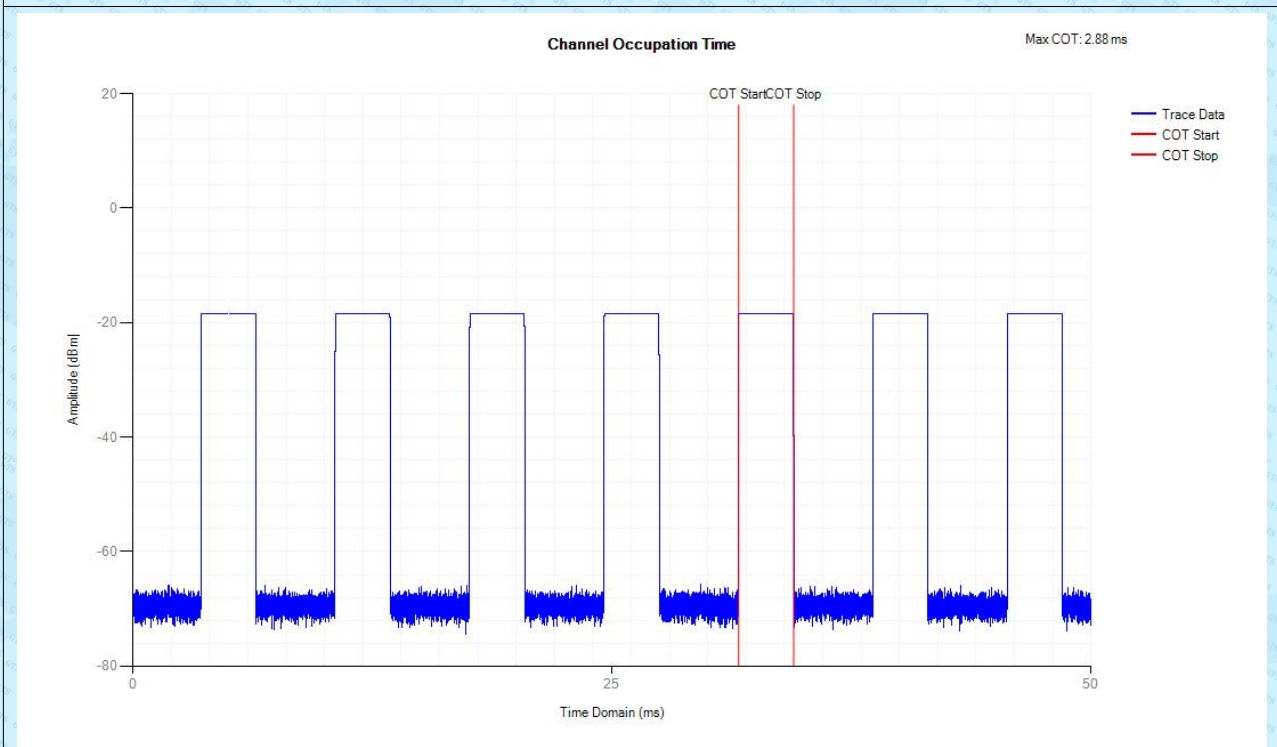
Idle NVNT 2.4G SRD_20M 2403.97MHz



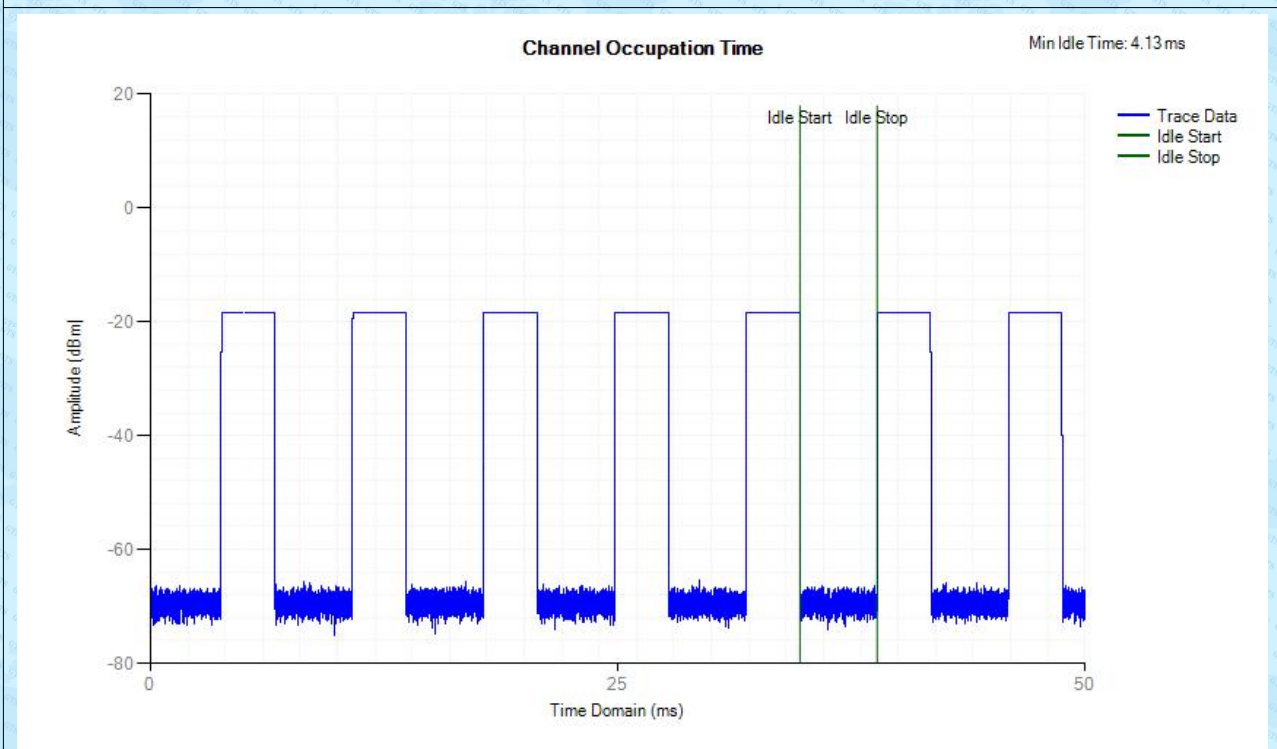
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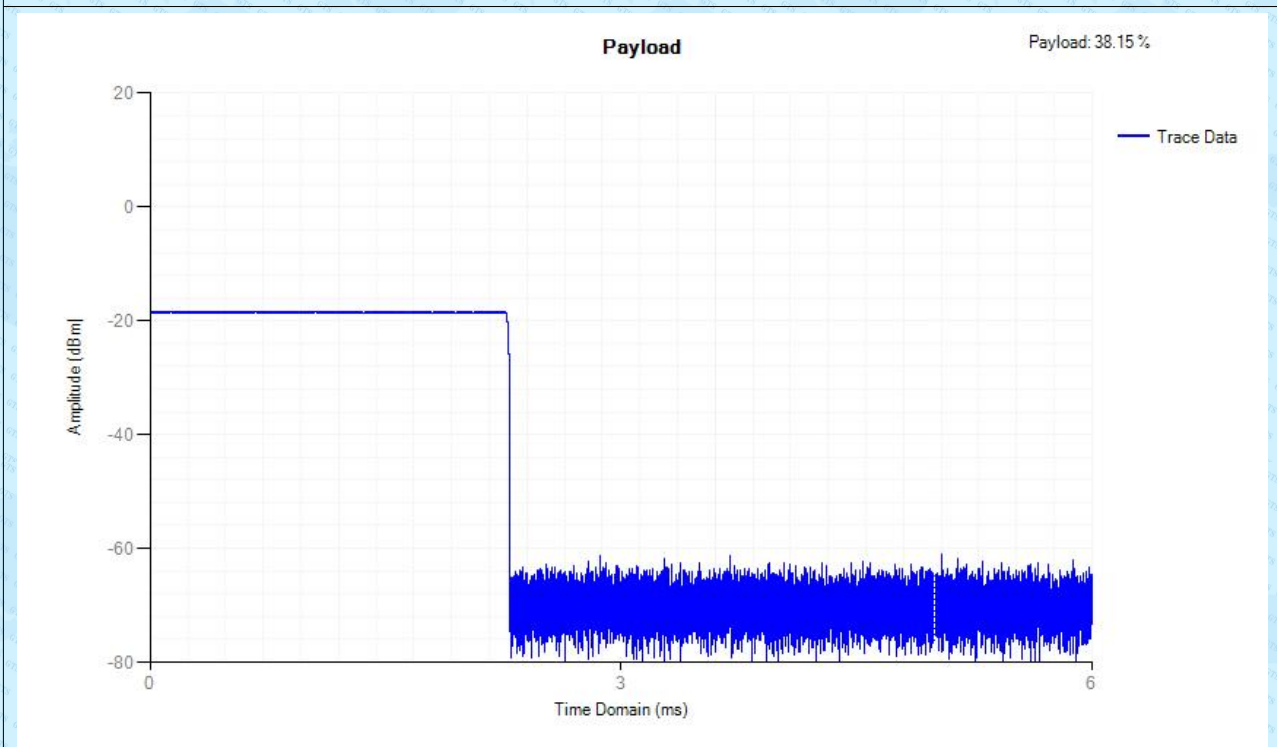
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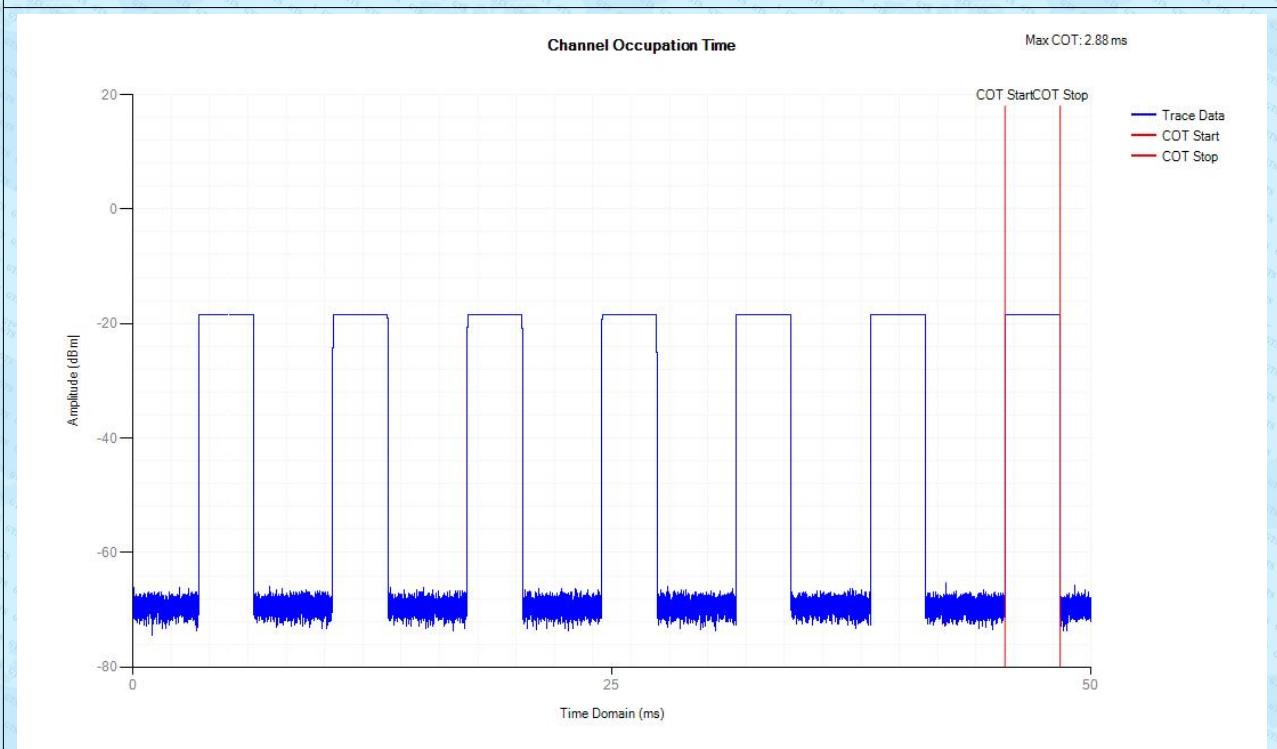
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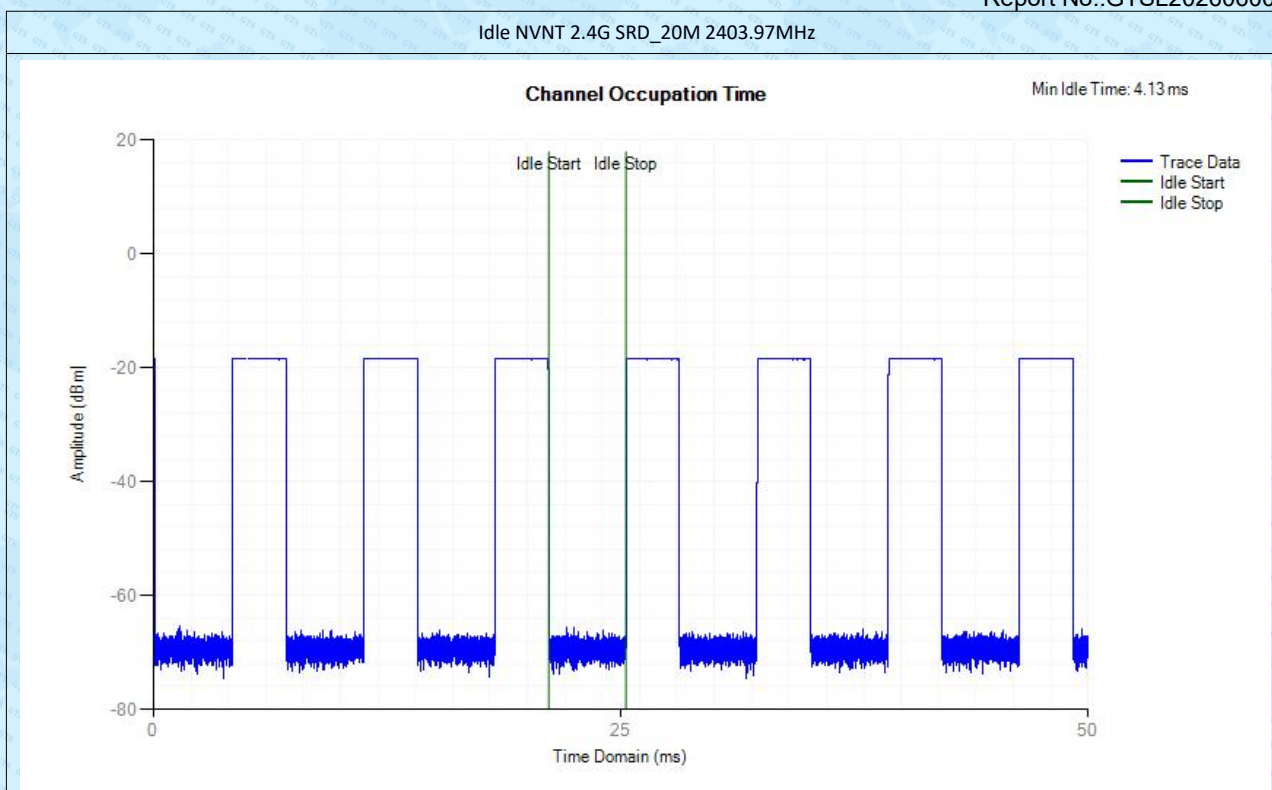
Payload NVNT 2.4G SRD_20M 2403.97MHz



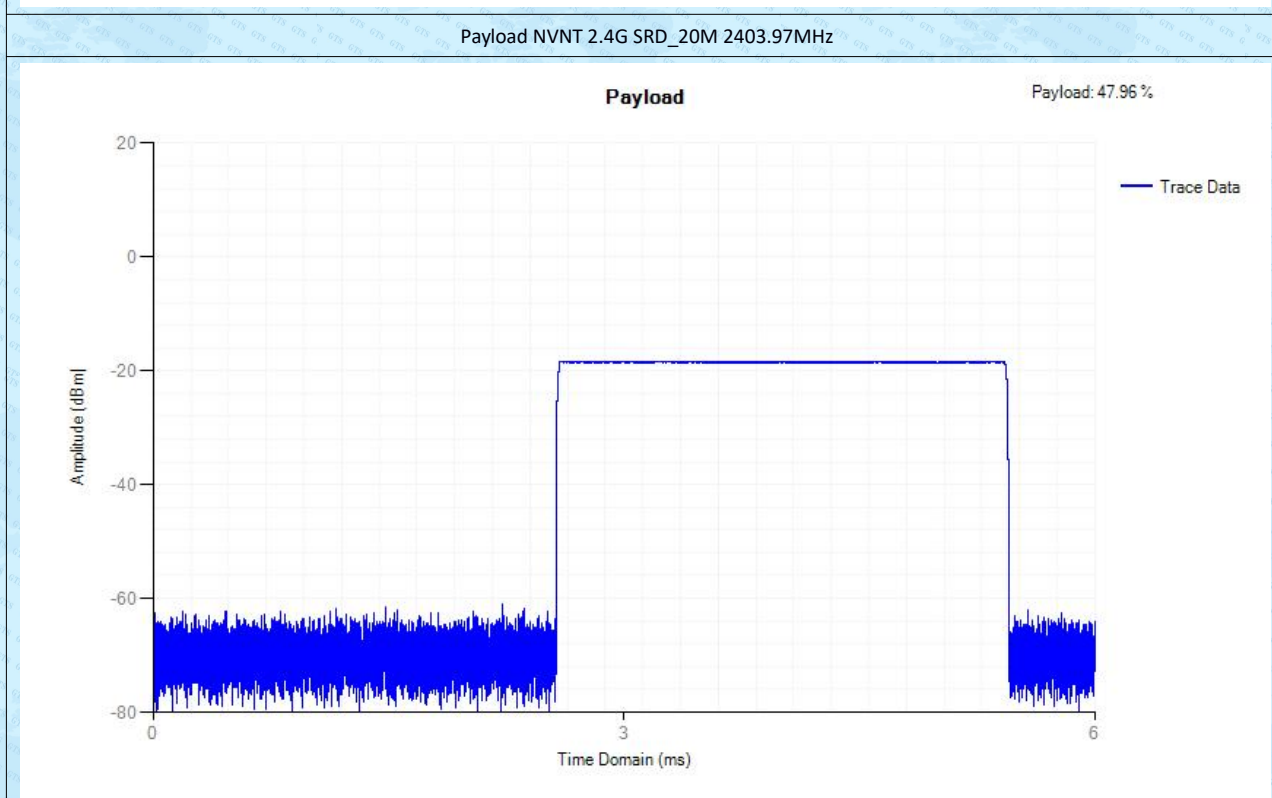
COT NVNT 2.4G SRD_20M 2403.97MHz



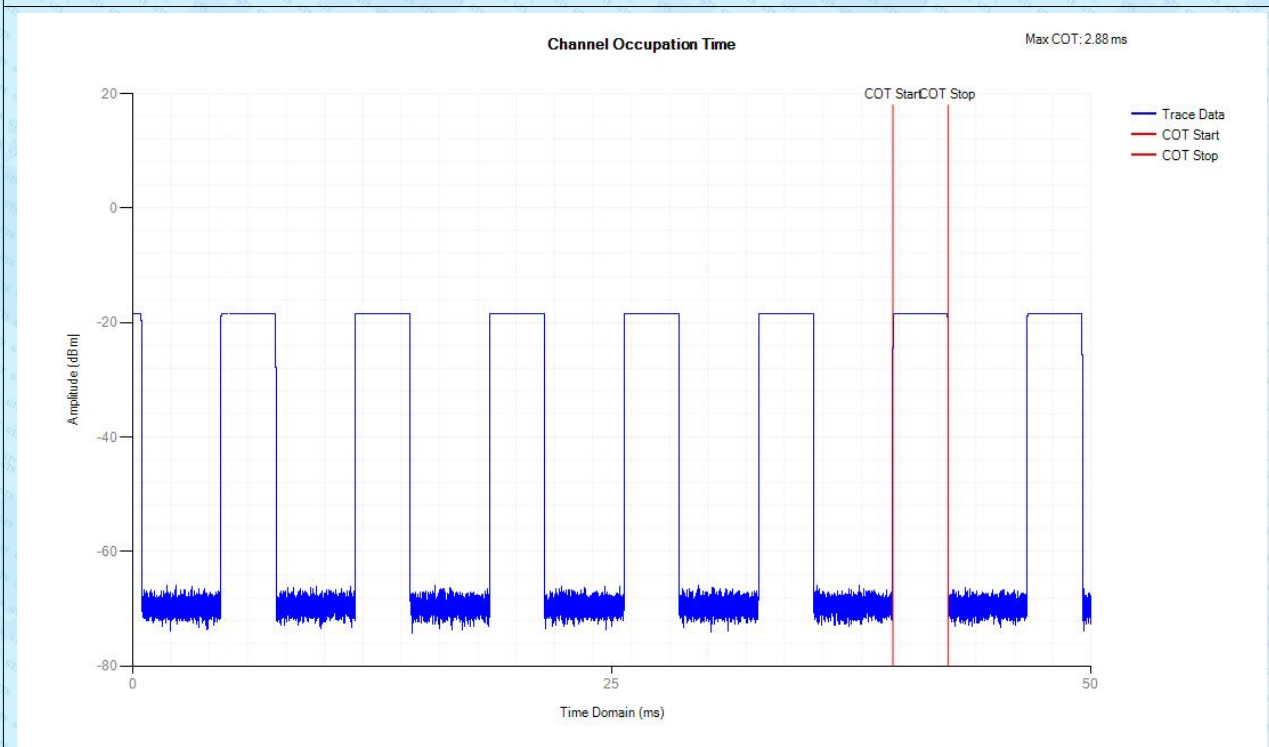
Idle NVNT 2.4G SRD_20M 2403.97MHz



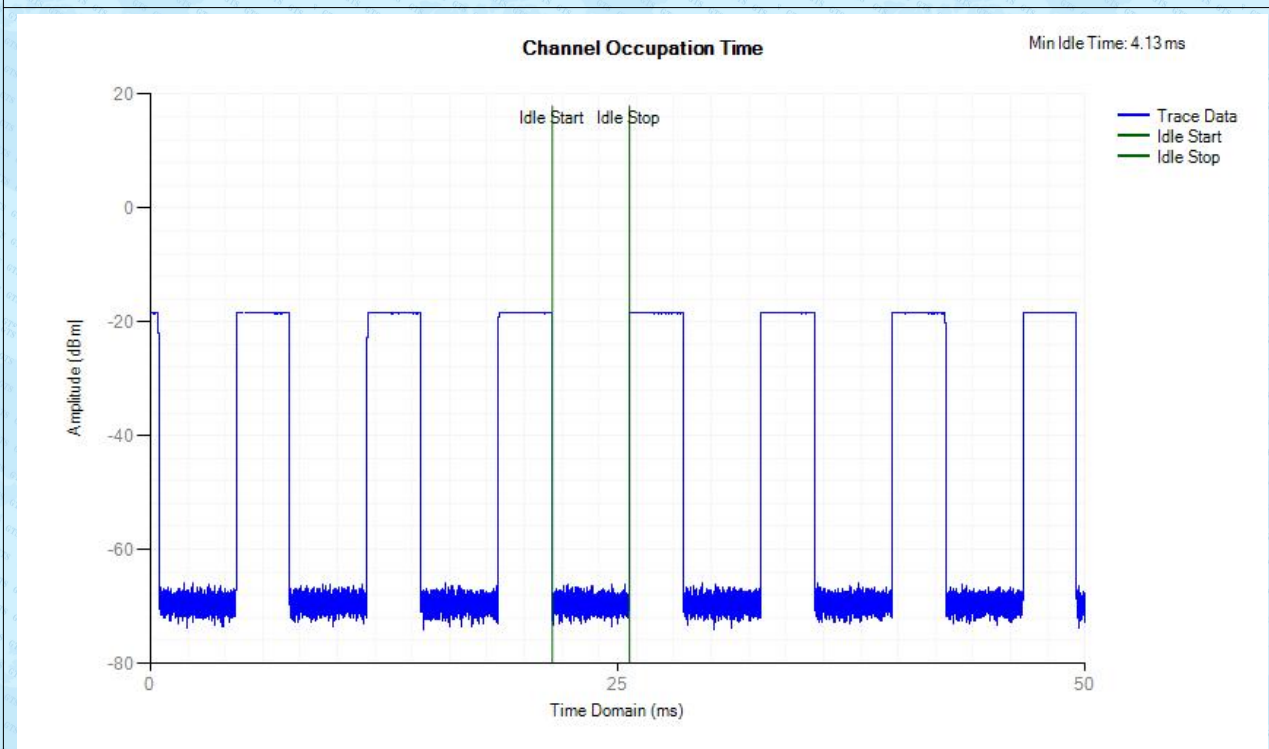
Payload NVNT 2.4G SRD_20M 2403.97MHz



COT NVNT 2.4G SRD_20M 2403.97MHz



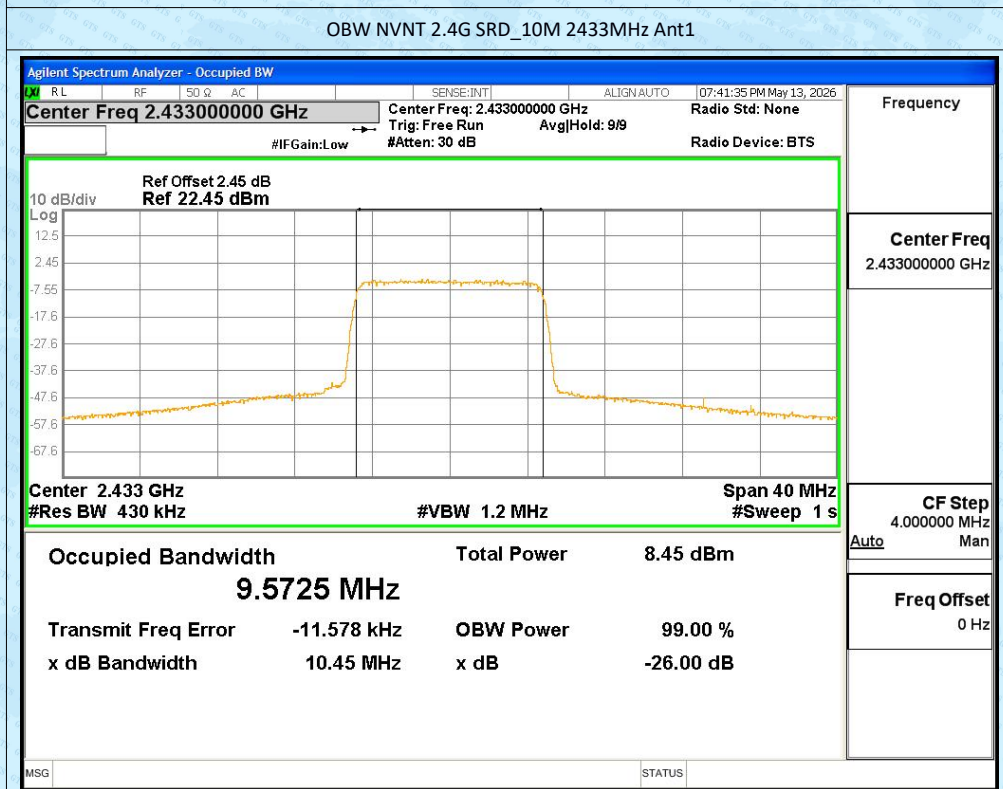
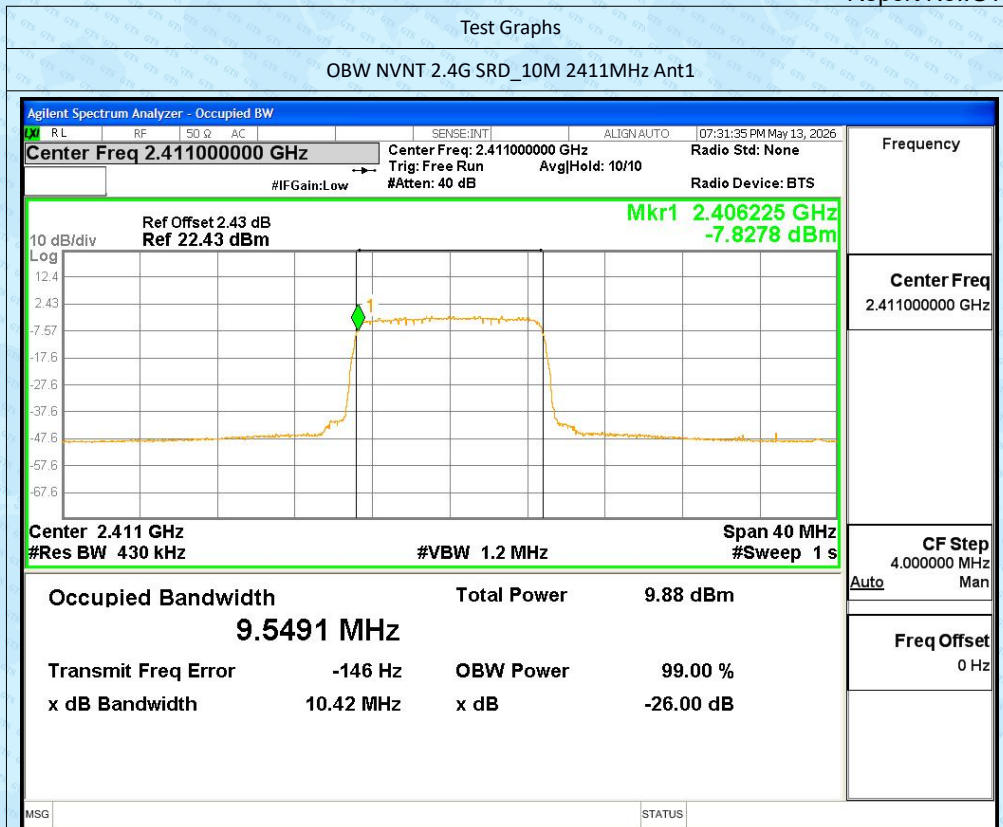
Idle NVNT 2.4G SRD_20M 2403.97MHz



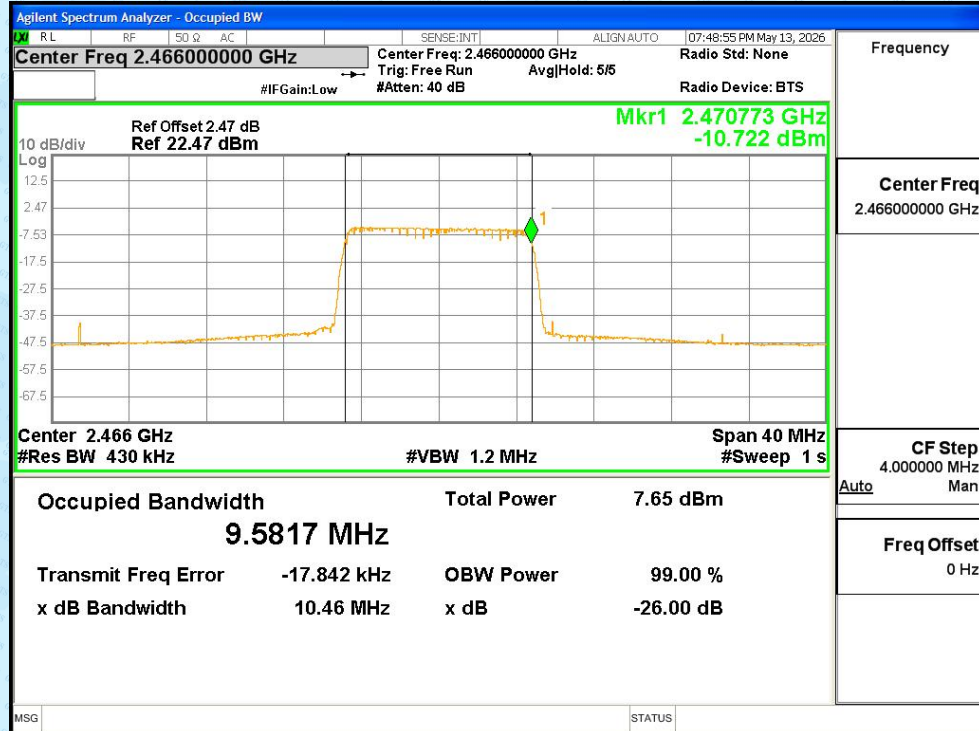
5.4.7 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	2411	9.549	2406.225	2415.774	2400 - 2483.5MHz	Pass
		2433		2432.988	9.572	2428.202	2437.775	2400 - 2483.5MHz	Pass
		2466		2465.982	9.582	2461.191	2470.773	2400 - 2483.5MHz	Pass
		2411	Ant2	2411.007	9.539	2406.237	2415.776	2400 - 2483.5MHz	Pass
		2433		2433.005	9.558	2428.226	2437.783	2400 - 2483.5MHz	Pass
		2466		2466.008	9.57	2461.223	2470.793	2400 - 2483.5MHz	Pass

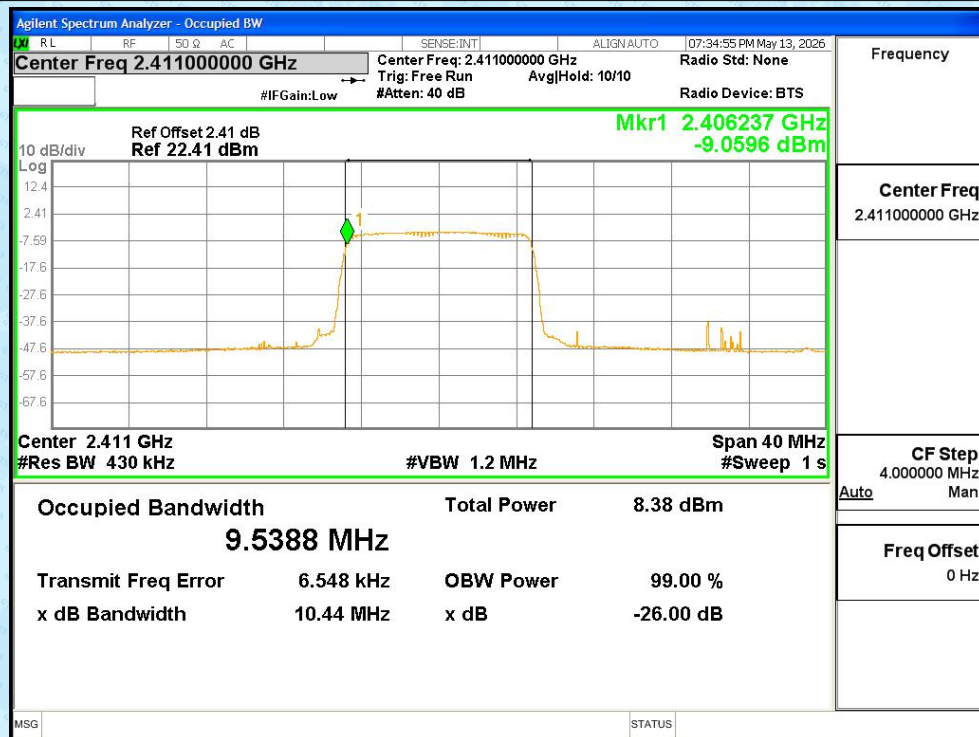
Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	2411.015	18.725	2401.652	2420.377	2400 - 2483.5MHz	Pass
		2433		2432.984	18.842	2423.563	2442.405	2400 - 2483.5MHz	Pass
		2466		2465.978	18.887	2456.535	2475.422	2400 - 2483.5MHz	Pass
		2411	Ant2	2411.007	18.724	2401.645	2420.369	2400 - 2483.5MHz	Pass
		2433		2433.031	18.838	2423.612	2442.45	2400 - 2483.5MHz	Pass
		2466		2466	18.89	2456.555	2475.445	2400 - 2483.5MHz	Pass

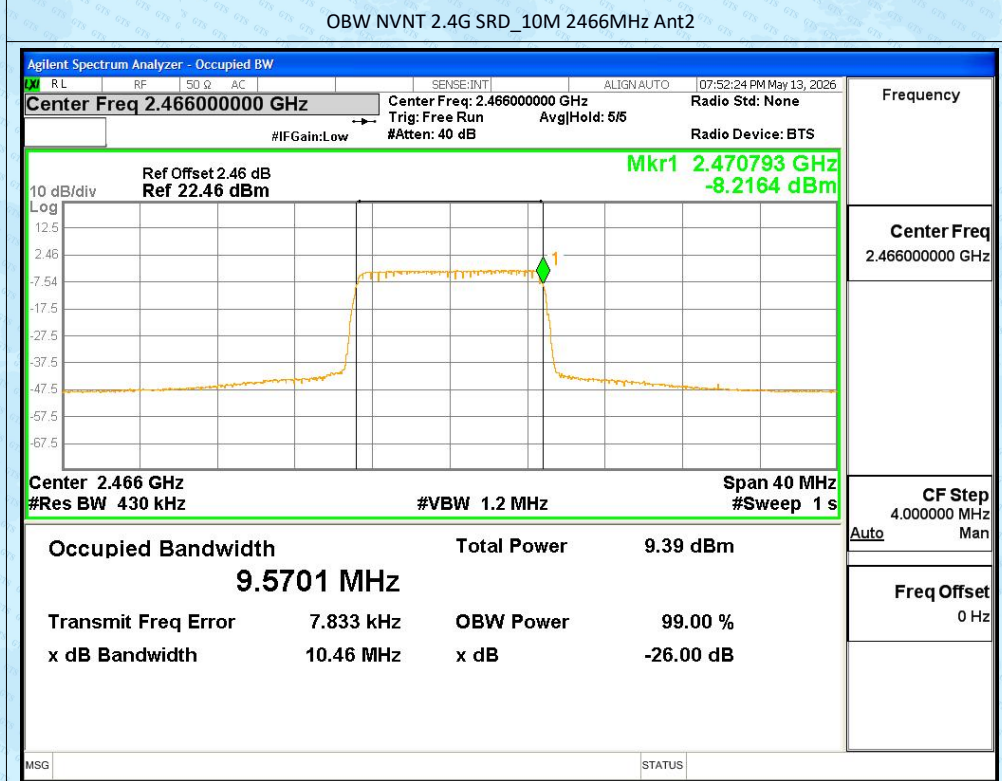
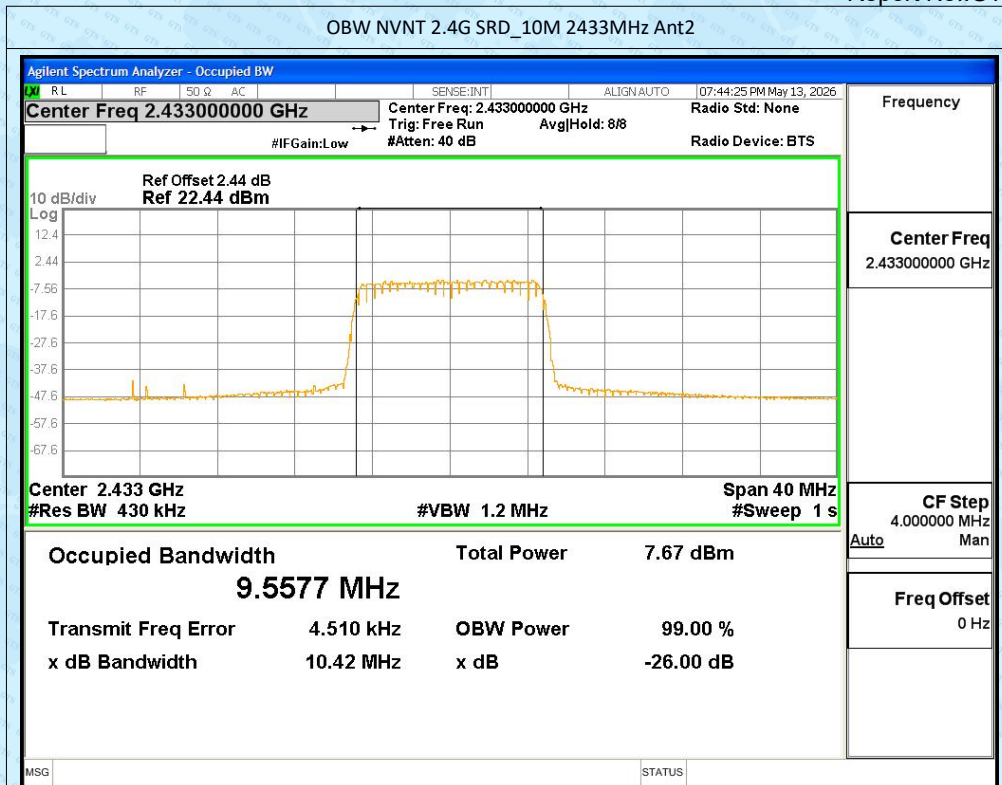


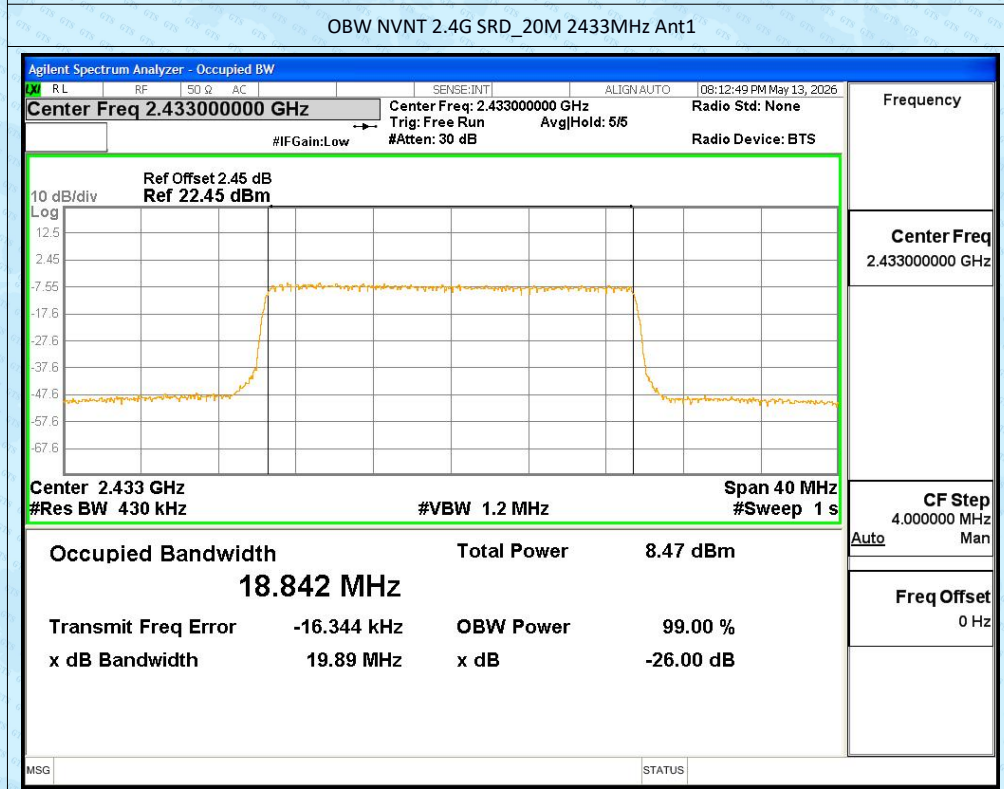
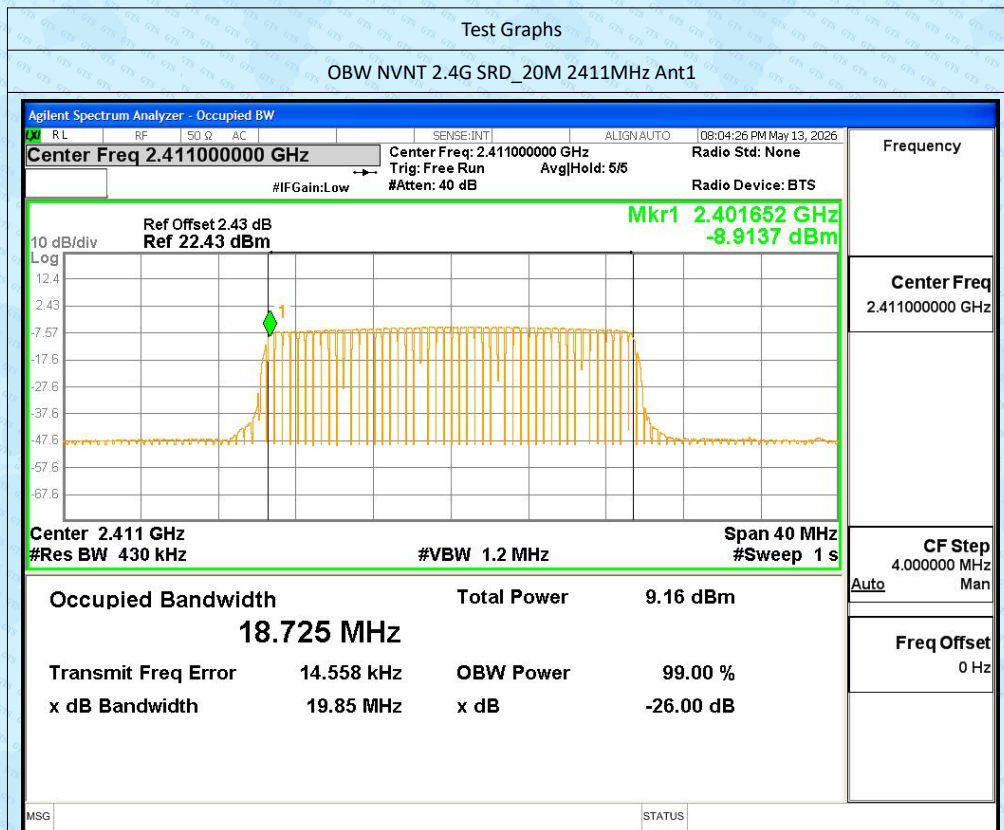
OBW NVNT 2.4G SRD_10M 2466MHz Ant1

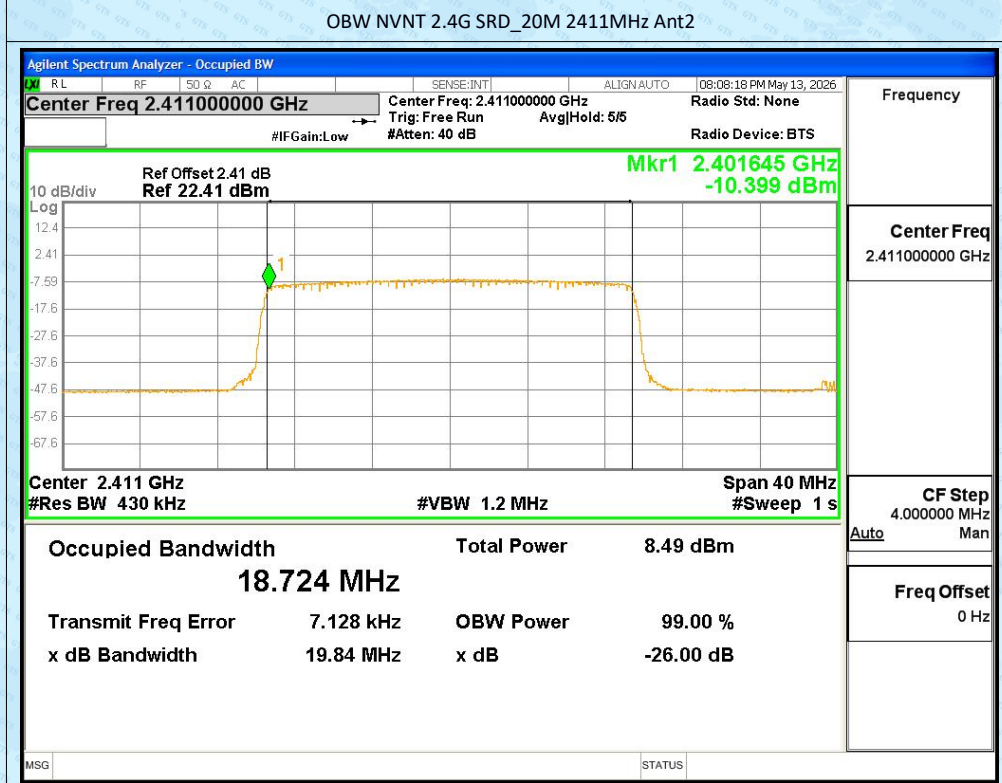
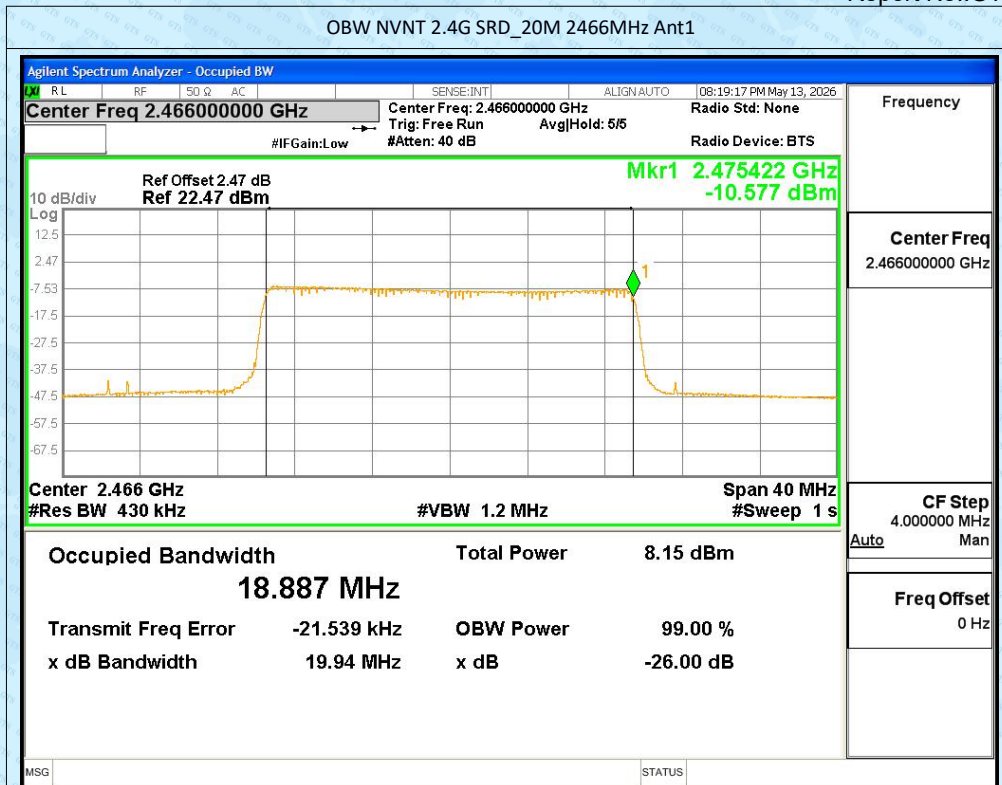


OBW NVNT 2.4G SRD_10M 2411MHz Ant2

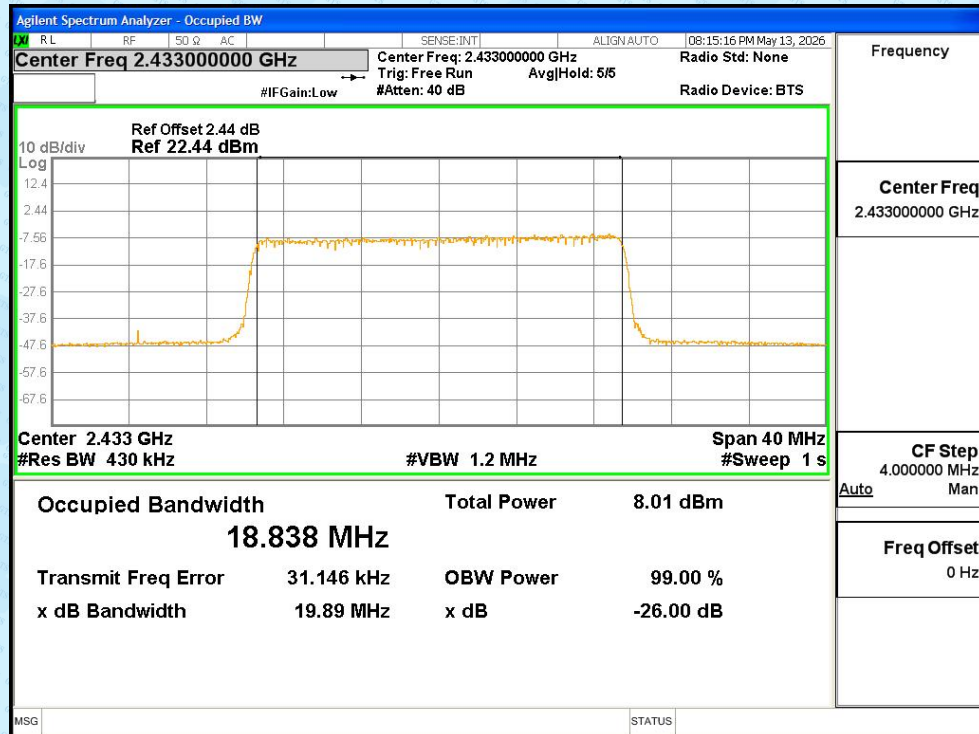




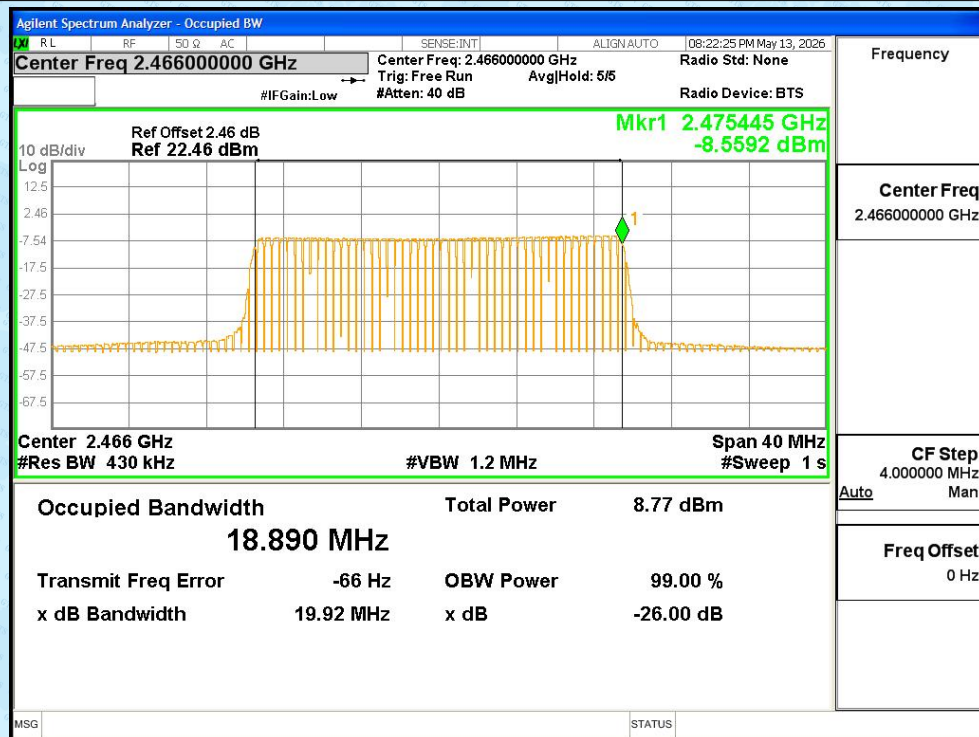




OBW NVNT 2.4G SRD_20M 2433MHz Ant2



OBW NVNT 2.4G SRD_20M 2466MHz Ant2



5.4.8 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	2.4G SRD_10M	2411	Ant1	2399.5	-59.89	-10	Pass
				2398.5	-46.13	-10	Pass
				2397.5	-59.81	-10	Pass
				2396.5	-48.54	-10	Pass
				2395.5	-50.19	-10	Pass
				2394.5	-59.99	-10	Pass
				2393.5	-49.56	-10	Pass
				2392.5	-54.34	-10	Pass
				2391.5	-54.06	-10	Pass
				2390.951	-59.99	-10	Pass
				2389.951	-59.75	-20	Pass
				2388.951	-59.9	-20	Pass
				2387.951	-59.9	-20	Pass
				2386.951	-54.7	-20	Pass
				2385.951	-55.77	-20	Pass
				2384.951	-57.8	-20	Pass
				2383.951	-58.03	-20	Pass
				2382.951	-59.86	-20	Pass
				2381.951	-59.93	-20	Pass
				2381.402	-59.94	-20	Pass
		2484		-59.48	-10	Pass	
		2485		-52.03	-10	Pass	
		2486		-52.8	-10	Pass	
		2487		-54.8	-10	Pass	
		2488		-59.32	-10	Pass	
		2489		-55.01	-10	Pass	
		2490		-59.46	-10	Pass	
		2491		-56.04	-10	Pass	
		2492		-59.31	-10	Pass	
		2466		2492.582	-59.47	-10	Pass
				2493.582	-59.02	-20	Pass
				2494.582	-58.7	-20	Pass
				2495.582	-59.42	-20	Pass
				2496.582	-59.43	-20	Pass
				2497.582	-59.36	-20	Pass
				2498.582	-59.37	-20	Pass
				2499.582	-59.29	-20	Pass
				2500.582	-59.42	-20	Pass
				2501.582	-59.37	-20	Pass
		2502.164		-59.44	-20	Pass	
		2411	Ant2	2399.5	-60.05	-10	Pass
				2398.5	-54.4	-10	Pass

			2397.5	-59.94	-10	Pass
			2396.5	-49.3	-10	Pass
			2395.5	-60	-10	Pass
			2394.5	-60.17	-10	Pass
			2393.5	-52.1	-10	Pass
			2392.5	-59.51	-10	Pass
			2391.5	-60.02	-10	Pass
			2390.961	-52.74	-10	Pass
			2389.961	-54.28	-20	Pass
			2388.961	-54.13	-20	Pass
			2387.961	-55.59	-20	Pass
			2386.961	-56.51	-20	Pass
			2385.961	-60.02	-20	Pass
			2384.961	-59.86	-20	Pass
			2383.961	-58.97	-20	Pass
			2382.961	-59.16	-20	Pass
			2381.961	-59.02	-20	Pass
			2381.422	-59.66	-20	Pass
			2484	-50.36	-10	Pass
			2485	-59.41	-10	Pass
2466			2486	-59.3	-10	Pass
			2487	-51.6	-10	Pass
			2488	-54.25	-10	Pass
			2489	-52.43	-10	Pass
			2490	-54.42	-10	Pass
			2491	-58.95	-10	Pass
			2492	-59.38	-10	Pass
			2492.57	-59.43	-10	Pass
			2493.57	-59.28	-20	Pass
			2494.57	-59.14	-20	Pass
			2495.57	-59.39	-20	Pass
			2496.57	-59.33	-20	Pass
			2497.57	-59.38	-20	Pass
			2498.57	-59.35	-20	Pass
			2499.57	-59.37	-20	Pass
			2500.57	-59.36	-20	Pass
			2501.57	-59.35	-20	Pass
			2502.14	-59.43	-20	Pass

Condition	Mode	Frequency (MHz)	Antenna	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	2399.5	-60.55	-10	Pass
				2398.5	-60.5	-10	Pass
				2397.5	-43.36	-10	Pass
				2396.5	-60.4	-10	Pass
				2395.5	-46.63	-10	Pass
				2394.5	-60.52	-10	Pass
				2393.5	-47.69	-10	Pass
				2392.5	-50.47	-10	Pass
				2391.5	-48.13	-10	Pass
				2390.5	-60.45	-10	Pass
				2389.5	-47.63	-10	Pass
				2388.5	-49.35	-10	Pass
				2387.5	-52.12	-10	Pass
				2386.5	-51.48	-10	Pass
				2385.5	-60.4	-10	Pass
				2384.5	-53.59	-10	Pass
				2383.5	-60.41	-10	Pass
				2382.5	-58.1	-10	Pass
				2381.775	-59.43	-10	Pass
				2380.775	-60.01	-20	Pass
				2379.775	-60.41	-20	Pass
				2378.775	-60.46	-20	Pass
				2377.775	-60.27	-20	Pass
				2376.775	-60.37	-20	Pass
				2375.775	-60.48	-20	Pass
				2374.775	-60.5	-20	Pass
				2373.775	-60.38	-20	Pass
				2372.775	-60.51	-20	Pass
				2371.775	-60.29	-20	Pass
				2370.775	-60.34	-20	Pass
		2369.775		-60.2	-20	Pass	
		2368.775		-60.32	-20	Pass	
		2367.775		-60.35	-20	Pass	
		2366.775		-60.52	-20	Pass	
		2365.775		-60.26	-20	Pass	
		2364.775		-60.28	-20	Pass	
		2363.775		-60.24	-20	Pass	
		2363.05		-60.26	-20	Pass	
		2466		2484	-59.82	-10	Pass
				2485	-46.97	-10	Pass
				2486	-59.84	-10	Pass
				2487	-59.9	-10	Pass
				2488	-47.8	-10	Pass
				2489	-49.61	-10	Pass
				2490	-48.86	-10	Pass

				2491	-52.89	-10	Pass		
				2492	-55.97	-10	Pass		
				2493	-55.44	-10	Pass		
				2494	-59.05	-10	Pass		
				2495	-59.22	-10	Pass		
				2496	-59.65	-10	Pass		
				2497	-59.87	-10	Pass		
				2498	-59.82	-10	Pass		
				2499	-59.83	-10	Pass		
				2500	-59.79	-10	Pass		
				2501	-59.84	-10	Pass		
				2501.887	-59.75	-10	Pass		
				2502.887	-59.91	-20	Pass		
				2503.887	-59.81	-20	Pass		
				2504.887	-59.72	-20	Pass		
				2505.887	-59.83	-20	Pass		
				2506.887	-59.86	-20	Pass		
				2507.887	-59.84	-20	Pass		
				2508.887	-59.87	-20	Pass		
				2509.887	-59.78	-20	Pass		
				2510.887	-59.89	-20	Pass		
				2511.887	-59.9	-20	Pass		
				2512.887	-59.93	-20	Pass		
				2513.887	-59.92	-20	Pass		
				2514.887	-59.82	-20	Pass		
				2515.887	-59.76	-20	Pass		
				2516.887	-59.95	-20	Pass		
				2517.887	-59.76	-20	Pass		
				2518.887	-59.76	-20	Pass		
				2519.887	-59.67	-20	Pass		
				2520.774	-59.78	-20	Pass		
				2411	Ant2	2399.5	-43.02	-10	Pass
						2398.5	-60.6	-10	Pass
						2397.5	-60.5	-10	Pass
						2396.5	-55.99	-10	Pass
						2395.5	-60.55	-10	Pass
						2394.5	-60.53	-10	Pass
						2393.5	-60.55	-10	Pass
						2392.5	-60.54	-10	Pass
						2391.5	-60.57	-10	Pass
						2390.5	-48.05	-10	Pass
						2389.5	-60.51	-10	Pass
						2388.5	-53.19	-10	Pass
						2387.5	-52.3	-10	Pass
						2386.5	-56.91	-10	Pass
						2385.5	-60.57	-10	Pass

			2384.5	-56.61	-10	Pass
			2383.5	-56.39	-10	Pass
			2382.5	-59.76	-10	Pass
			2381.776	-58.89	-10	Pass
			2380.776	-59.97	-20	Pass
			2379.776	-60.47	-20	Pass
			2378.776	-60.39	-20	Pass
			2377.776	-60.36	-20	Pass
			2376.776	-60.37	-20	Pass
			2375.776	-60.4	-20	Pass
			2374.776	-60.43	-20	Pass
			2373.776	-60.5	-20	Pass
			2372.776	-60.4	-20	Pass
			2371.776	-60.42	-20	Pass
			2370.776	-60.33	-20	Pass
			2369.776	-60.31	-20	Pass
			2368.776	-60.28	-20	Pass
			2367.776	-60.35	-20	Pass
			2366.776	-60.3	-20	Pass
			2365.776	-60.26	-20	Pass
			2364.776	-60.3	-20	Pass
			2363.776	-60.22	-20	Pass
			2363.052	-60.32	-20	Pass
		2466	2484	-59.89	-10	Pass
			2485	-47.86	-10	Pass
			2486	-60	-10	Pass
			2487	-47.48	-10	Pass
			2488	-46.23	-10	Pass
			2489	-47.53	-10	Pass
			2490	-59.86	-10	Pass
			2491	-49.3	-10	Pass
			2492	-56.57	-10	Pass
			2493	-59.87	-10	Pass
			2494	-58.9	-10	Pass
			2495	-59.55	-10	Pass
			2496	-59.85	-10	Pass
			2497	-59.88	-10	Pass
			2498	-59.86	-10	Pass
			2499	-59.76	-10	Pass
			2500	-59.81	-10	Pass
			2501	-59.88	-10	Pass
			2501.89	-60	-10	Pass
			2502.89	-59.78	-20	Pass
			2503.89	-59.9	-20	Pass
			2504.89	-59.75	-20	Pass
			2505.89	-59.95	-20	Pass

				2506.89	-59.94	-20	Pass
				2507.89	-59.72	-20	Pass
				2508.89	-59.85	-20	Pass
				2509.89	-59.77	-20	Pass
				2510.89	-59.65	-20	Pass
				2511.89	-59.83	-20	Pass
				2512.89	-59.86	-20	Pass
				2513.89	-59.84	-20	Pass
				2514.89	-59.72	-20	Pass
				2515.89	-59.77	-20	Pass
				2516.89	-59.74	-20	Pass
				2517.89	-59.86	-20	Pass
				2518.89	-59.85	-20	Pass
				2519.89	-59.74	-20	Pass
				2520.78	-59.76	-20	Pass

5.4.9 Transmitter unwanted emissions in the spurious domain

Conductance Measurement:

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	30 -47	42.35	-57.09	NA	-36	Pass
				47 -74	61.45	-56.67	-68.18	-54	Pass
				74 -87.5	79.00	-57.49	NA	-36	Pass
				87.5 -118	111.75	-56.30	-68.09	-54	Pass
				118 -174	162.25	-55.64	NA	-36	Pass
				174 -230	224.70	-56.33	-67.75	-54	Pass
				230 -470	408.80	-55.26	NA	-36	Pass
				470 -694	481.90	-55.70	-67.28	-54	Pass
				694 -1000	774.30	-56.36	NA	-36	Pass
				1000 -2360	2156.50	-41.63	NA	-30	Pass
				2523.5 -12750	7003.50	-36.98	NA	-30	Pass
		30 -47		35.20	-66.83	NA	-36	Pass	
		47 -74		63.90	-66.93	NA	-54	Pass	
		74 -87.5		83.35	-66.69	NA	-36	Pass	
		87.5 -118		98.25	-66.76	NA	-54	Pass	
		118 -174		169.00	-66.29	NA	-36	Pass	
		174 -230		191.70	-66.44	NA	-54	Pass	
		230 -470		299.95	-65.41	NA	-36	Pass	
		470 -694		536.15	-66.02	NA	-54	Pass	
		694 -1000		930.40	-65.29	NA	-36	Pass	
		1000 -2360		2181.00	-51.72	NA	-30	Pass	
		2523.5 -12750		12298.00	-46.59	NA	-30	Pass	
		30 -47	42.45	-66.55	NA	-36	Pass		
		47 -74	49.10	-65.88	NA	-54	Pass		
		74 -87.5	82.35	-66.71	NA	-36	Pass		
		87.5 -118	97.50	-67.05	NA	-54	Pass		
		118 -174	143.75	-66.18	NA	-36	Pass		
		174 -230	194.25	-66.38	NA	-54	Pass		
		230 -470	301.25	-65.17	NA	-36	Pass		
		470 -694	585.10	-66.13	NA	-54	Pass		
		694 -1000	791.05	-65.71	NA	-36	Pass		
		1000 -2360	2182.50	-52.11	NA	-30	Pass		
		2523.5 -12750	7183.50	-46.34	NA	-30	Pass		
		2411	Ant2	30 -47	30.10	-63.03	NA	-36	Pass
		47 -74		53.55	-62.14	NA	-54	Pass	

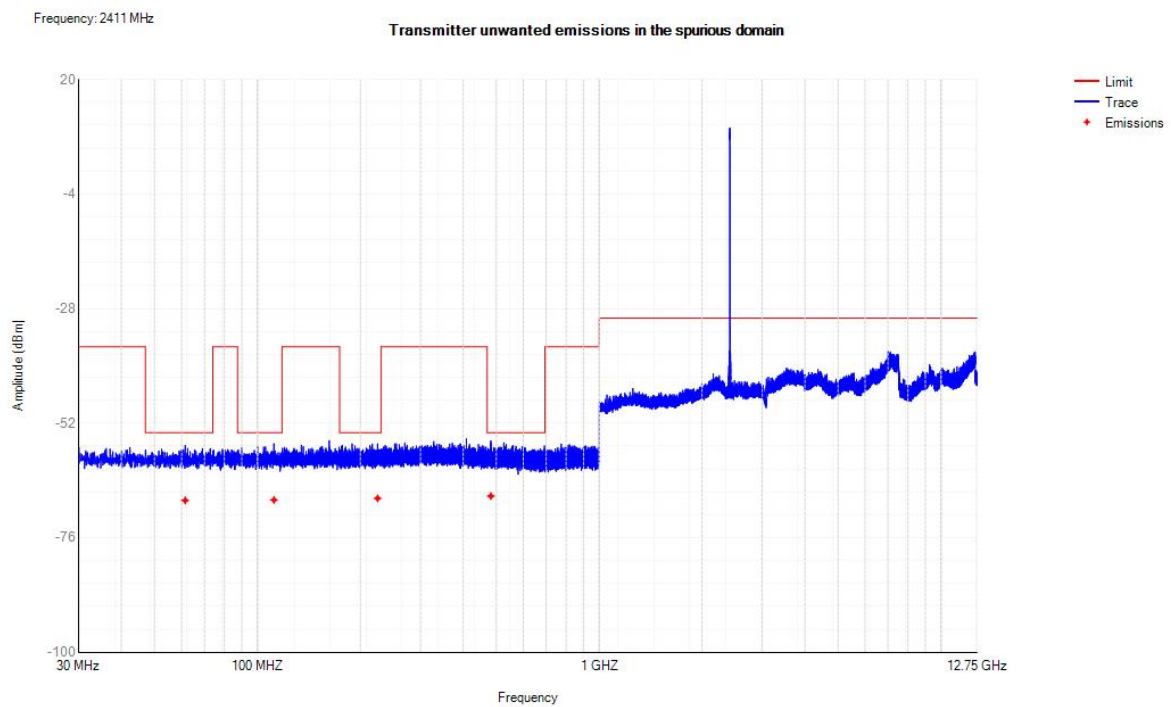
					74 -87.5	86.10	-61.52	NA	-36	Pass
					87.5 -118	91.95	-61.42	NA	-54	Pass
					118 -174	149.60	-61.12	NA	-36	Pass
					174 -230	197.00	-59.91	-72.58	-54	Pass
					230 -470	266.45	-58.77	NA	-36	Pass
					470 -694	585.40	-60.75	NA	-54	Pass
					694 -1000	923.15	-60.94	NA	-36	Pass
					1000 -2360	1451.00	-46.73	NA	-30	Pass
					2523.5 -12750	7132.50	-46.89	NA	-30	Pass
				2433	30 -47	41.20	-67.05	NA	-36	Pass
					47 -74	53.95	-66.80	NA	-54	Pass
					74 -87.5	83.15	-66.77	NA	-36	Pass
					87.5 -118	100.85	-66.63	NA	-54	Pass
					118 -174	136.10	-66.22	NA	-36	Pass
					174 -230	215.20	-66.16	NA	-54	Pass
					230 -470	270.00	-65.64	NA	-36	Pass
					470 -694	543.95	-66.17	NA	-54	Pass
					694 -1000	829.80	-65.62	NA	-36	Pass
					1000 -2360	2159.50	-52.08	NA	-30	Pass
					2523.5 -12750	12488.00	-46.12	NA	-30	Pass
				2466	30 -47	30.90	-66.72	NA	-36	Pass
					47 -74	68.85	-67.19	NA	-54	Pass
					74 -87.5	76.90	-67.37	NA	-36	Pass
					87.5 -118	87.80	-66.24	NA	-54	Pass
					118 -174	149.15	-66.02	NA	-36	Pass
					174 -230	226.00	-65.41	NA	-54	Pass
					230 -470	278.20	-65.47	NA	-36	Pass
					470 -694	571.20	-65.81	NA	-54	Pass
					694 -1000	816.75	-65.52	NA	-36	Pass
					1000 -2360	2164.50	-51.71	NA	-30	Pass
					2523.5 -12750	7435.50	-46.73	NA	-30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict	
NVNT	2.4G SRD_20M	2411	Ant1	30 -47	42.15	-56.46	NA	-36	Pass	
				47 -74	66.05	-57.48	-67.99	-54	Pass	
				74 -87.5	77.40	-57.42	NA	-36	Pass	
				87.5 -118	115.05	-56.60	-68.26	-54	Pass	
				118 -174	137.45	-56.89	NA	-36	Pass	
				174 -230	180.65	-56.30	-68.06	-54	Pass	
				230 -470	385.80	-55.44	NA	-36	Pass	
				470 -694	520.25	-56.58	-67.49	-54	Pass	
				694 -1000	998.25	-54.98	NA	-36	Pass	
				1000 -2360	2231.00	-41.78	NA	-30	Pass	
				2523.5 -12750	7088.50	-36.37	NA	-30	Pass	
		2433		30 -47	39.70	-66.90	NA	-36	Pass	
				47 -74	61.65	-67.17	NA	-54	Pass	
				74 -87.5	81.25	-66.40	NA	-36	Pass	
				87.5 -118	108.95	-66.72	NA	-54	Pass	
				118 -174	171.35	-67.28	NA	-36	Pass	
				174 -230	213.10	-66.59	NA	-54	Pass	
				230 -470	313.60	-65.70	NA	-36	Pass	
				470 -694	527.00	-65.94	NA	-54	Pass	
				694 -1000	975.15	-65.05	NA	-36	Pass	
				1000 -2360	2190.00	-51.89	NA	-30	Pass	
				2523.5 -12750	7396.00	-46.03	NA	-30	Pass	
		2466		30 -47	35.85	-66.92	NA	-36	Pass	
				47 -74	57.05	-65.84	NA	-54	Pass	
				74 -87.5	83.45	-67.36	NA	-36	Pass	
				87.5 -118	117.20	-66.72	NA	-54	Pass	
				118 -174	153.20	-66.08	NA	-36	Pass	
				174 -230	218.65	-66.67	NA	-54	Pass	
				230 -470	382.85	-65.51	NA	-36	Pass	
				470 -694	473.50	-66.44	NA	-54	Pass	
				694 -1000	954.75	-65.97	NA	-36	Pass	
				1000 -2360	2189.50	-51.81	NA	-30	Pass	
				2523.5 -12750	7199.00	-46.37	NA	-30	Pass	
		2411		Ant2	30 -47	43.65	-64.78	NA	-36	Pass
					47 -74	48.40	-64.30	NA	-54	Pass
					74 -87.5	86.50	-65.07	NA	-36	Pass
					87.5 -118	102.35	-63.70	NA	-54	Pass
					118 -174	155.80	-63.66	NA	-36	Pass
					174 -230	206.80	-63.03	NA	-54	Pass
					230 -470	251.35	-61.37	NA	-36	Pass

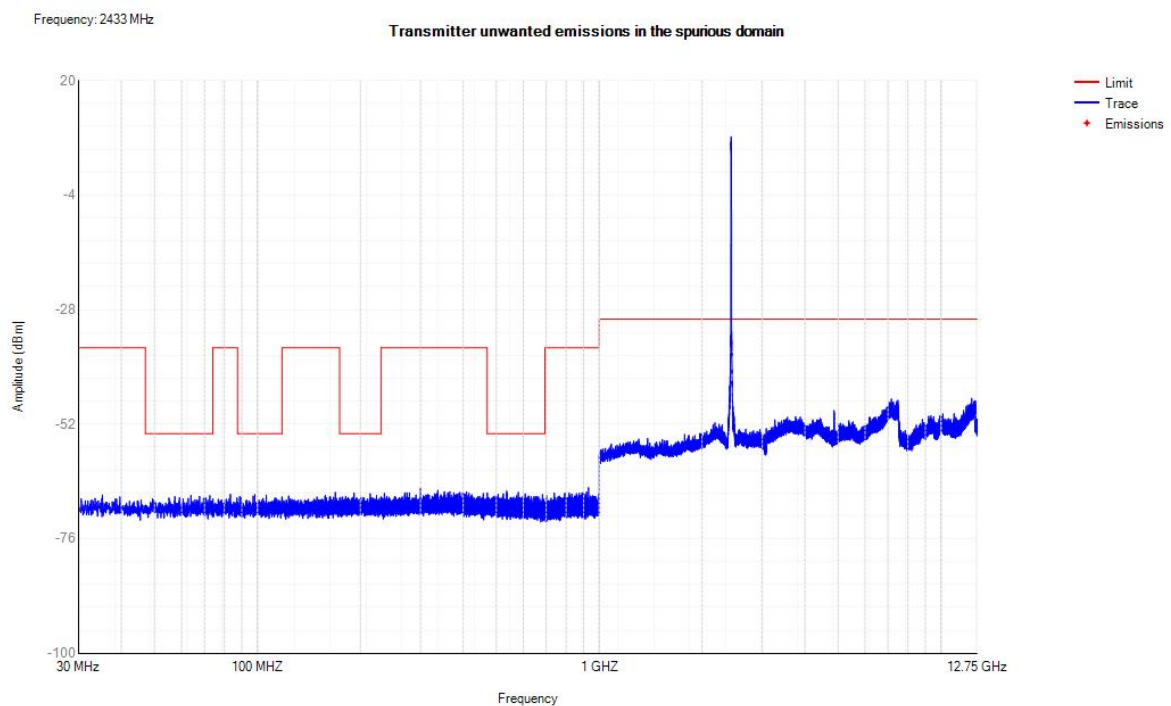
		2433	470 -694	518.90	-62.60	NA	-54	Pass
			694 -1000	981.05	-63.62	NA	-36	Pass
			1000 -2360	1470.50	-50.74	NA	-30	Pass
			2523.5 -12750	12538.50	-46.40	NA	-30	Pass
			30 -47	40.35	-66.89	NA	-36	Pass
			47 -74	64.50	-66.45	NA	-54	Pass
			74 -87.5	76.15	-66.92	NA	-36	Pass
			87.5 -118	88.70	-66.94	NA	-54	Pass
			118 -174	169.75	-67.01	NA	-36	Pass
			174 -230	184.65	-66.46	NA	-54	Pass
			230 -470	362.15	-65.69	NA	-36	Pass
			470 -694	491.45	-66.06	NA	-54	Pass
			694 -1000	861.05	-65.82	NA	-36	Pass
			1000 -2360	2187.50	-51.68	NA	-30	Pass
			2523.5 -12750	7097.00	-46.83	NA	-30	Pass
		2466	30 -47	35.25	-66.75	NA	-36	Pass
			47 -74	63.65	-66.94	NA	-54	Pass
			74 -87.5	86.25	-67.36	NA	-36	Pass
			87.5 -118	114.25	-65.93	NA	-54	Pass
			118 -174	145.30	-66.06	NA	-36	Pass
			174 -230	215.90	-66.44	NA	-54	Pass
			230 -470	367.30	-65.75	NA	-36	Pass
			470 -694	518.85	-65.98	NA	-54	Pass
			694 -1000	873.80	-65.90	NA	-36	Pass
			1000 -2360	2221.50	-52.10	NA	-30	Pass
			2523.5 -12750	12561.00	-47.11	NA	-30	Pass

Test Graphs

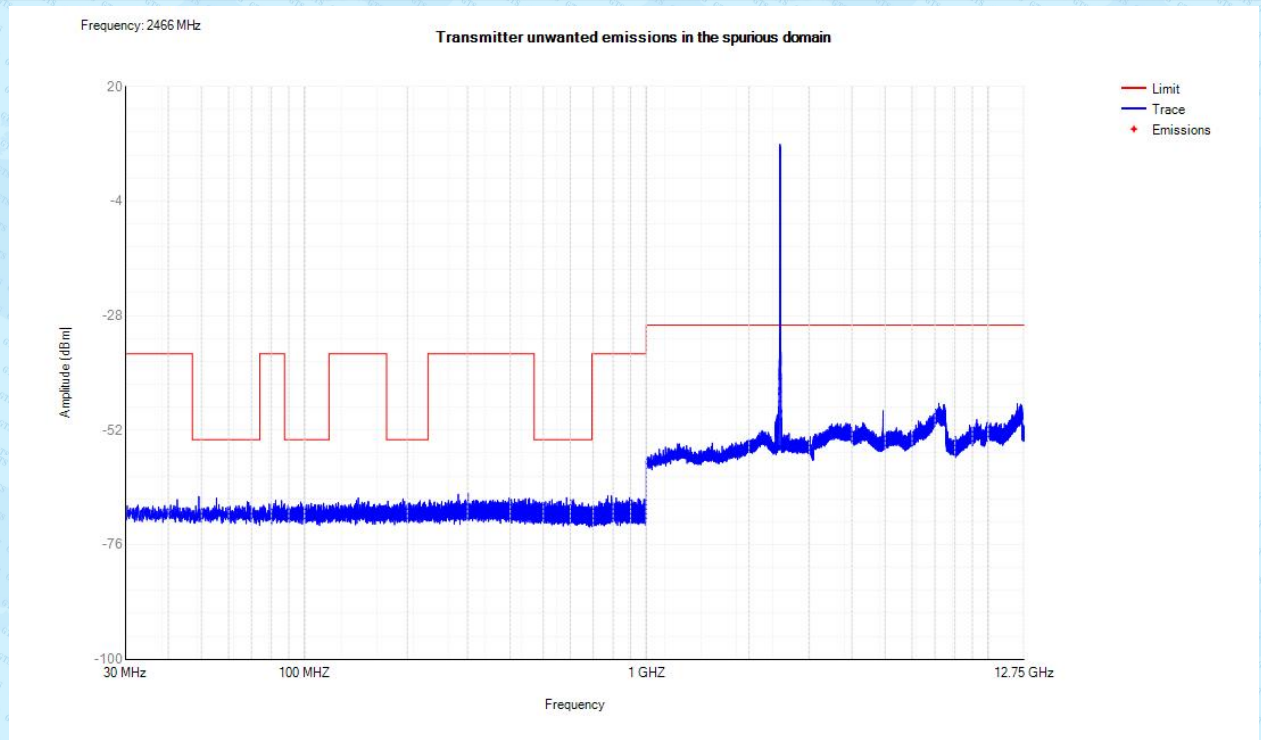
Tx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant1



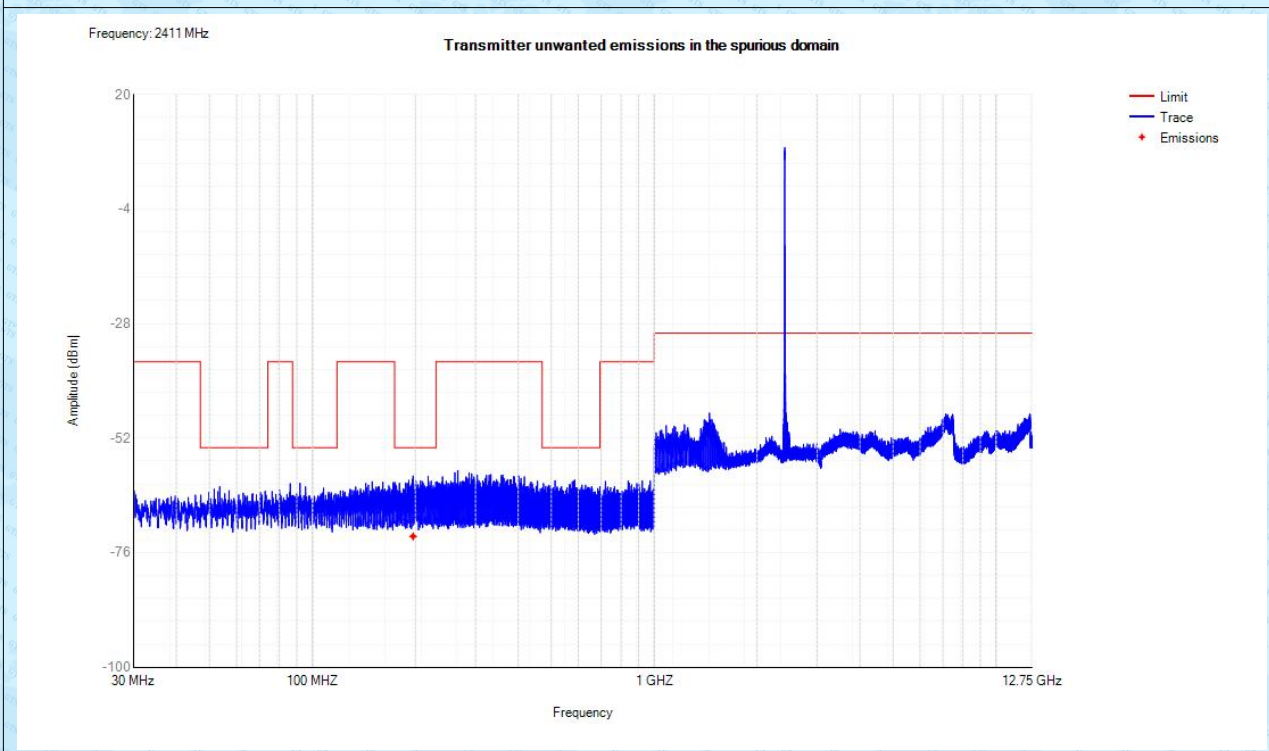
Tx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant1



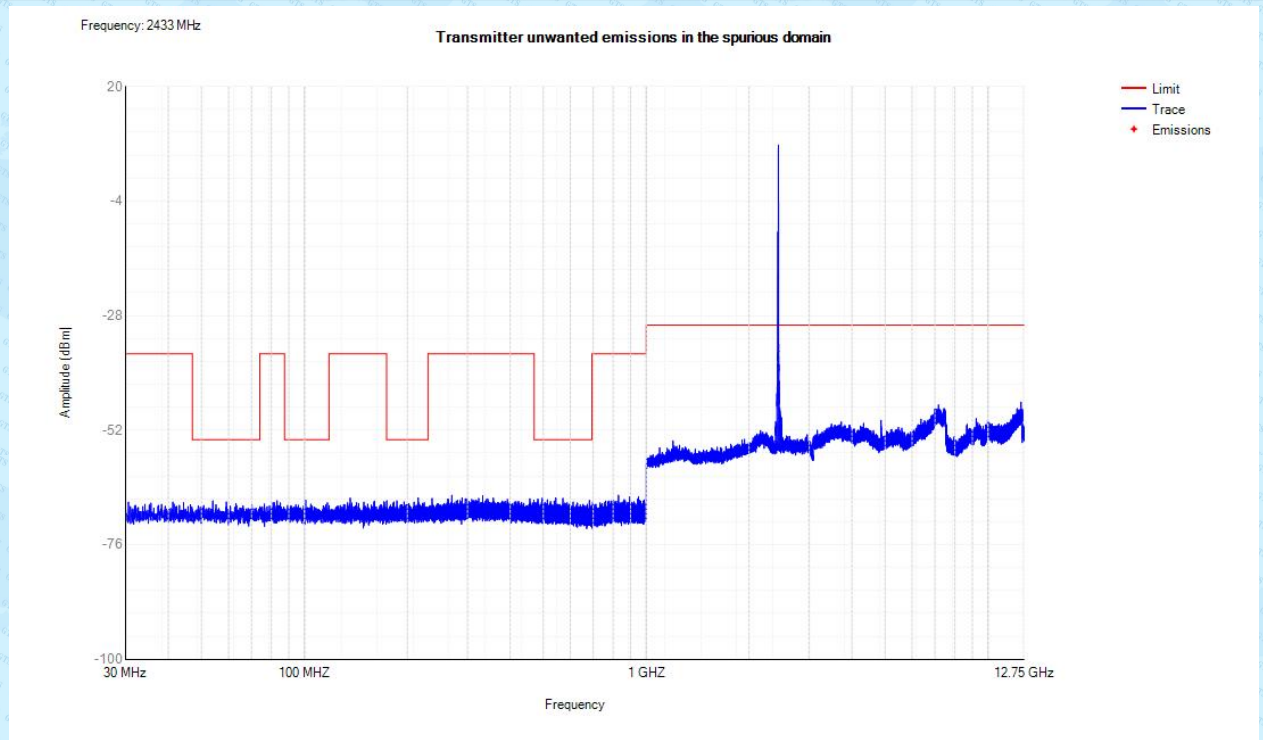
Tx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant1



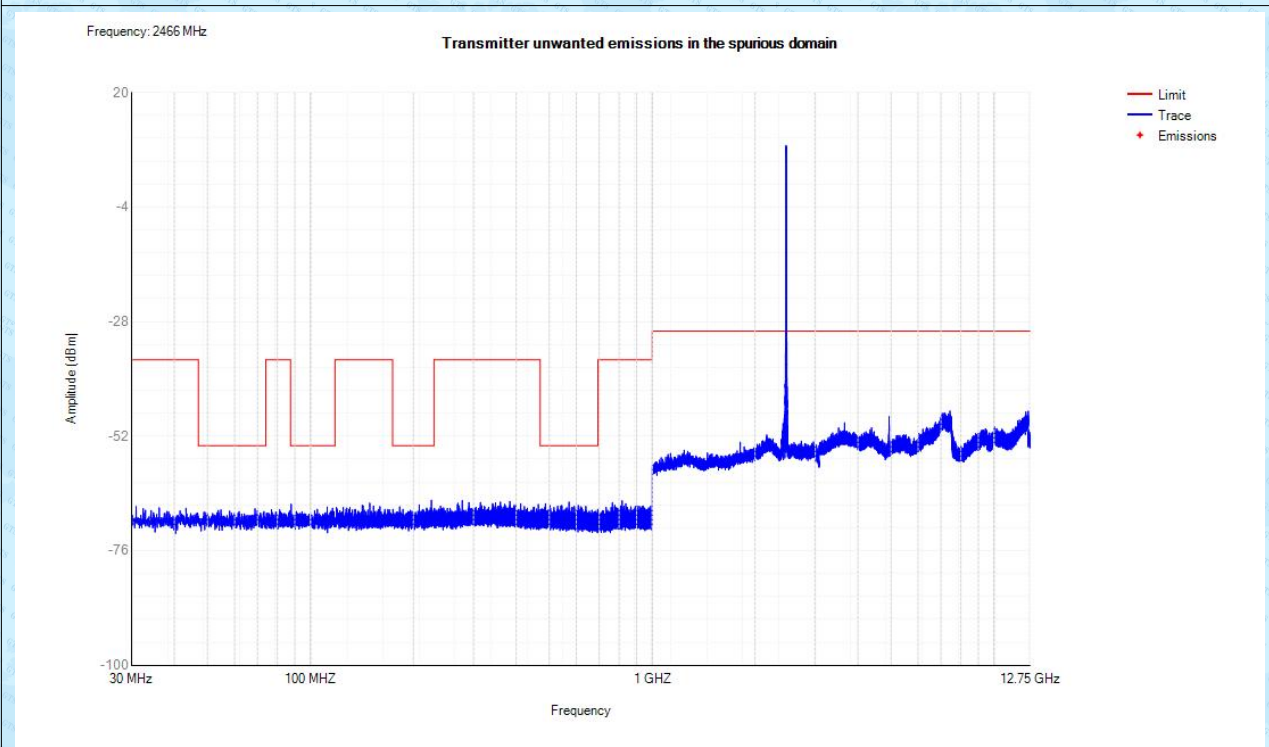
Tx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant2



Tx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant2

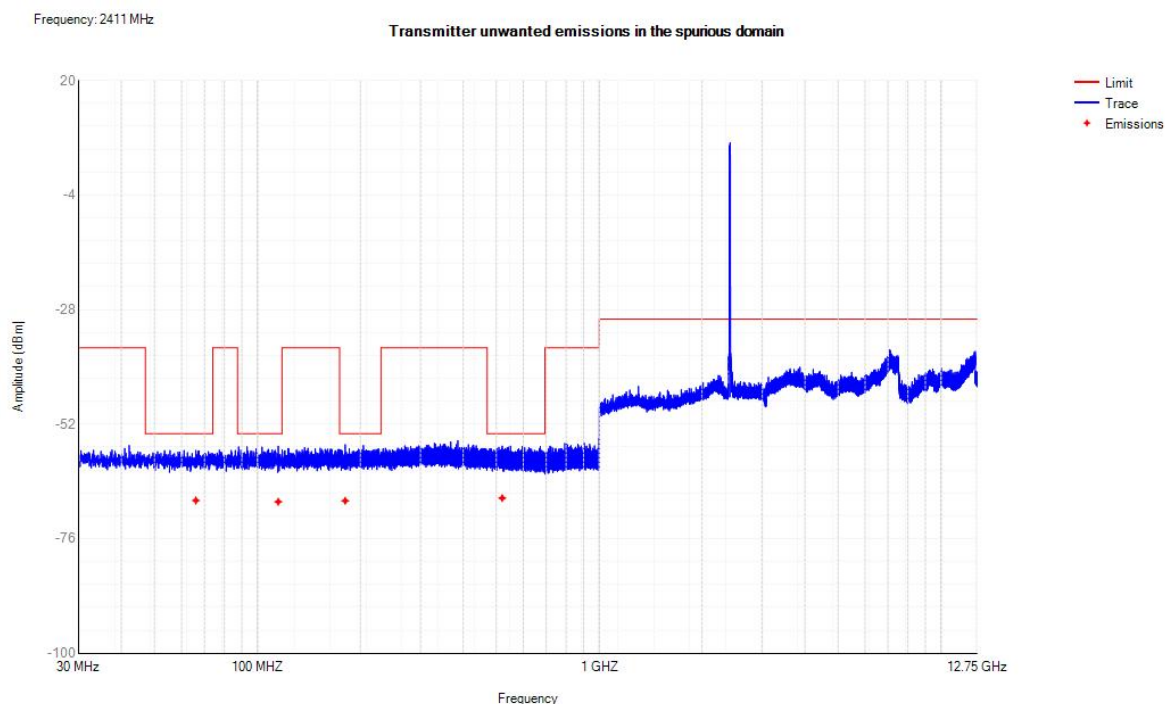


Tx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant2

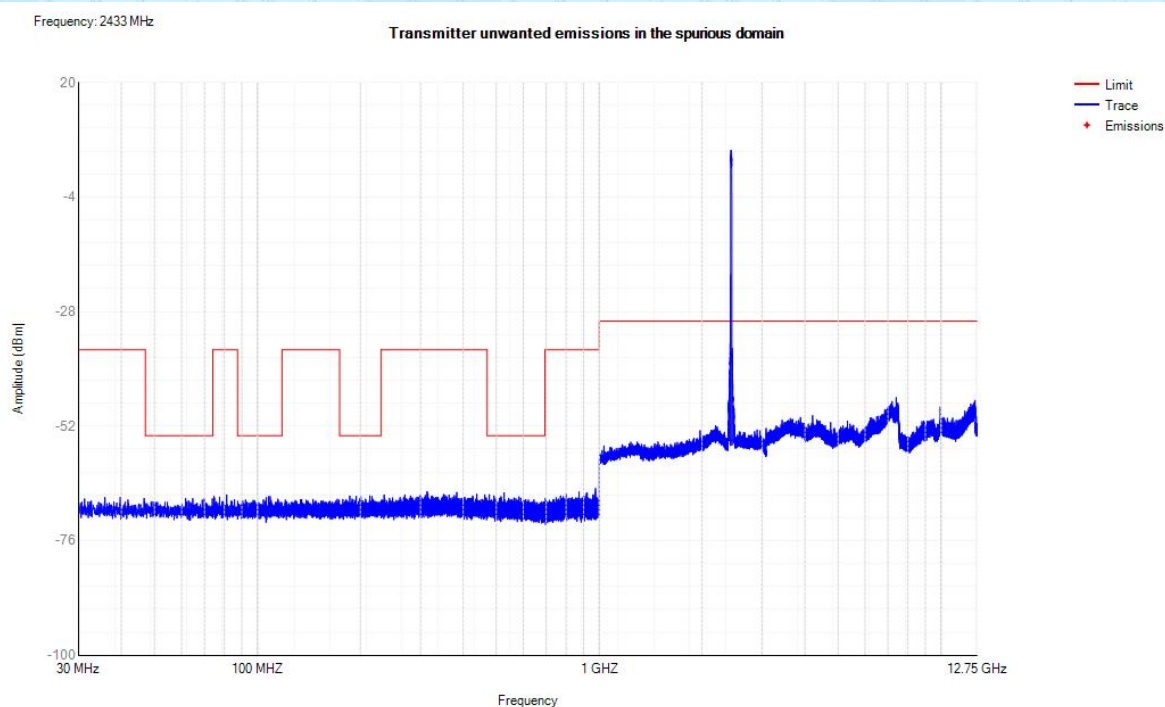


Test Graphs

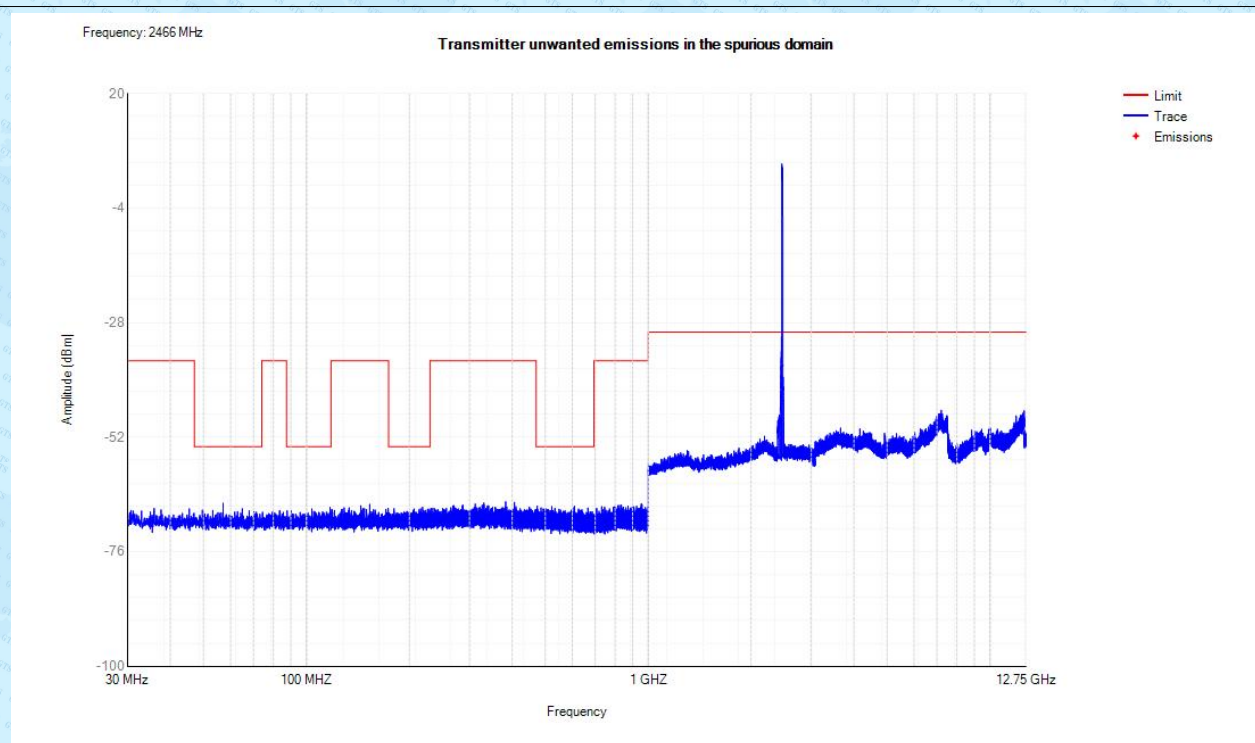
Tx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant1



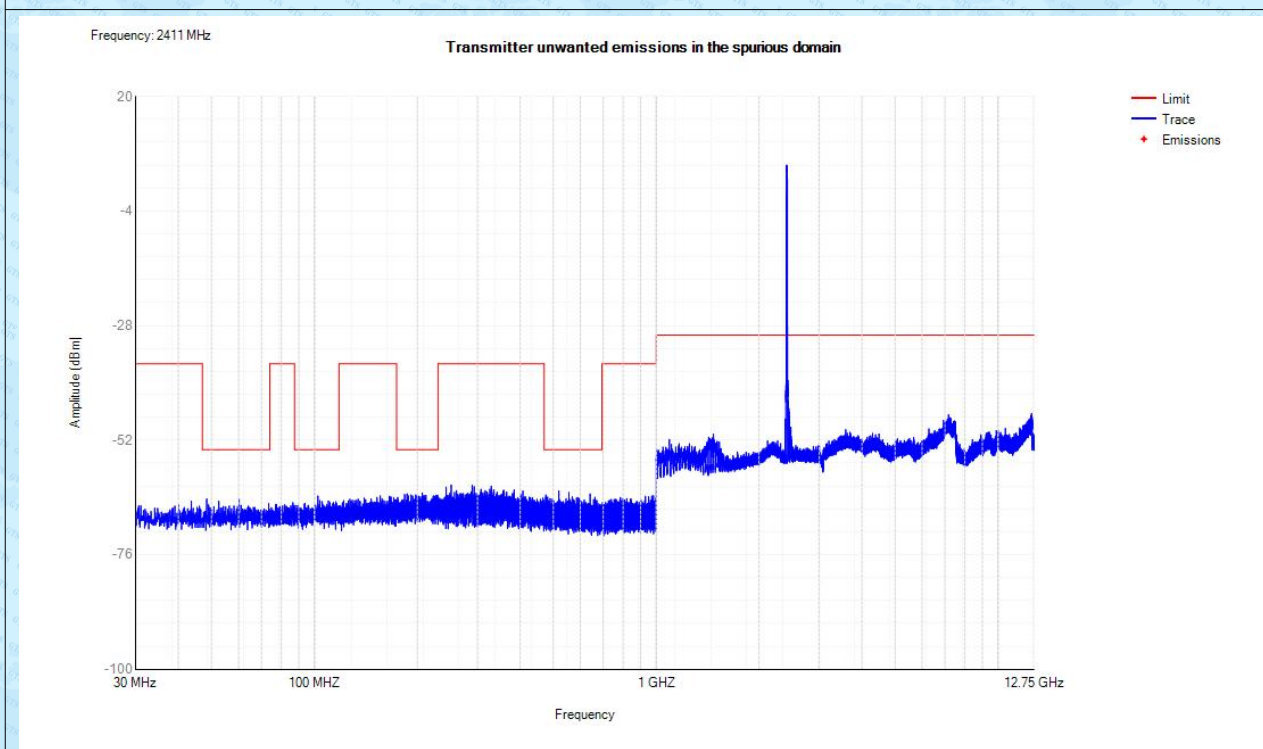
Tx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant1



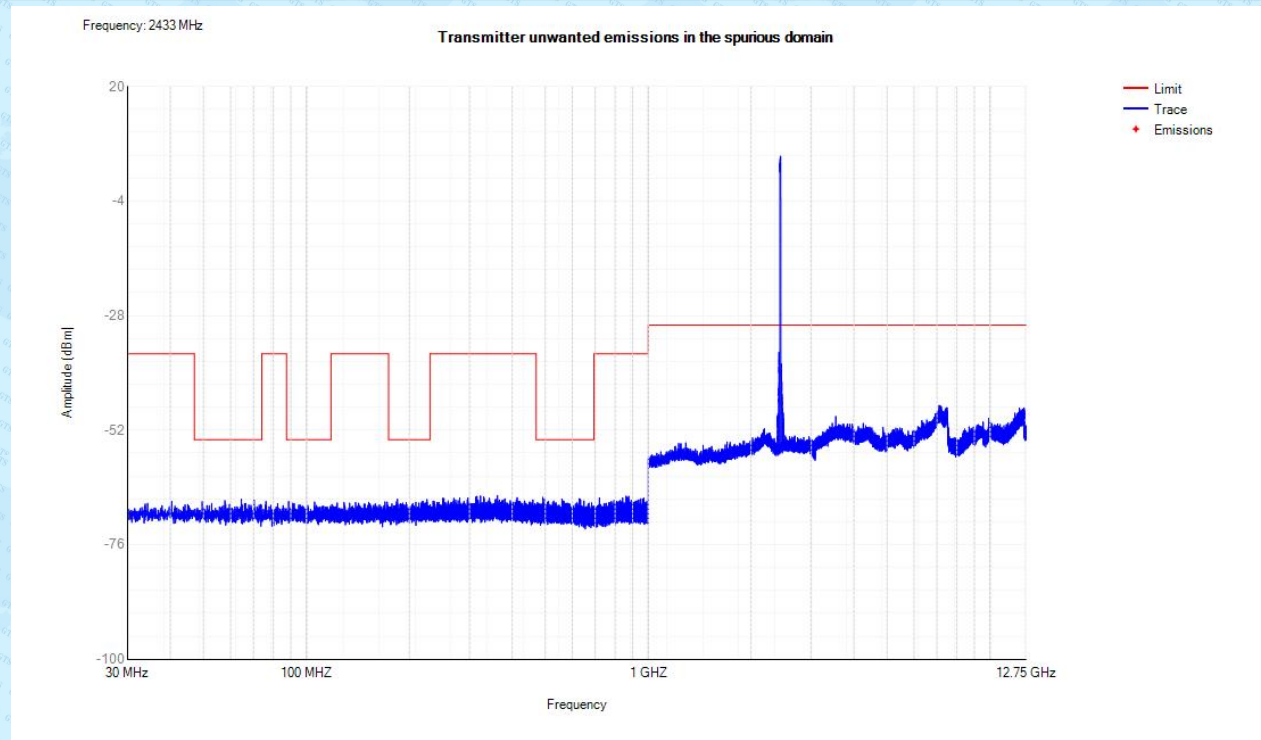
Tx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant1



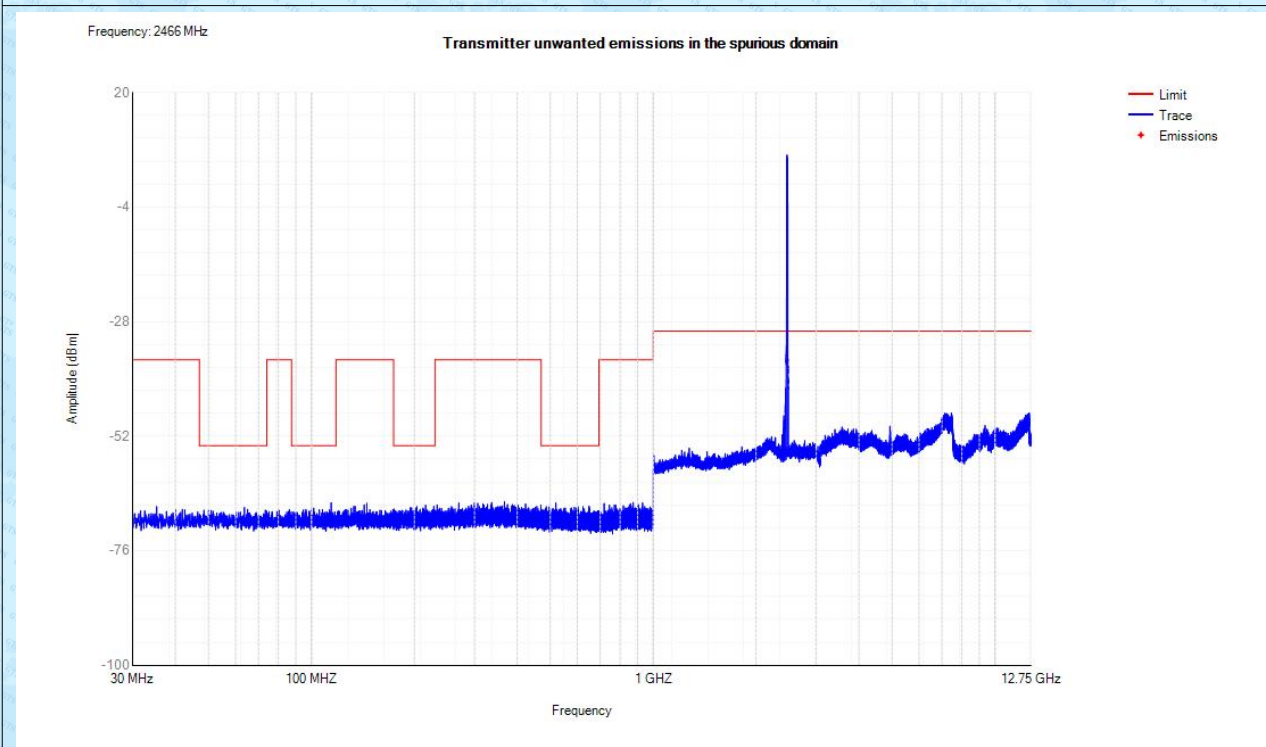
Tx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant2



Tx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant2



Tx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant2



Radiation Measurement:

2.4G SRD_10M 2411 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
185.14	Vertical	-74.26	-54.00	PASS
677.58	V	-71.56		
81.50	V	-64.58	-36.00	
157.01	V	-73.69		
4824.00	V	-47.63	-30.00	
189.74	Horizontal	-72.36	-54.00	
752.74	H	-71.56		
81.50	H	-68.53	-36.00	
161.47	H	-71.42		
4824.00	H	-46.96	-30.00	
2.4G SRD_10M 2466 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
185.14	Vertical	-73.26	-54.00	PASS
677.58	V	-71.45		
81.50	V	-64.26	-36.00	
157.01	V	-73.56		
4944.00	V	-47.36	-30.00	
189.74	Horizontal	-71.25	-54.00	
752.74	H	-71.42		
81.50	H	-67.53	-36.00	
161.47	H	-70.36		
4944.00	H	-47.69	-30.00	

Note: All of the EUT Configure Mode were tested and found 2.4G SRD_10M mode is the worst mode, the worst case is recorded in this report.

5.4.10 Receiver spurious emissions

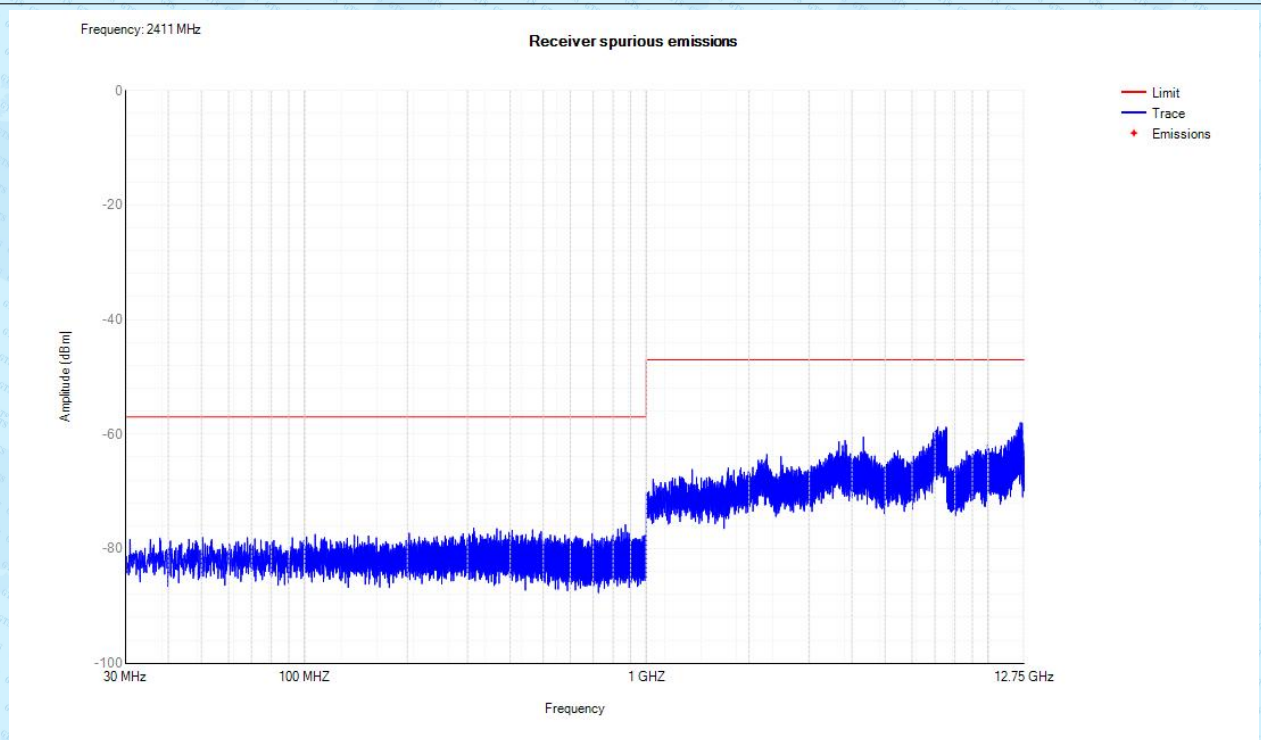
Conductance Measurement:

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	30 -1000	869.45	-75.78	NA	-57	Pass
				1000 -12750	12435	-57.99	NA	-47	Pass
		2433		30 -1000	380.75	-75.30	NA	-57	Pass
				1000 -12750	7508	-57.55	NA	-47	Pass
		2466		30 -1000	361.85	-75.85	NA	-57	Pass
				1000 -12750	12328	-57.17	NA	-47	Pass
		2411	Ant2	30 -1000	343.55	-75.67	NA	-57	Pass
				1000 -12750	7568	-57.54	NA	-47	Pass
		2433		30 -1000	419.55	-75.05	NA	-57	Pass
				1000 -12750	12598.5	-56.36	NA	-47	Pass
		2466		30 -1000	902.55	-76.39	NA	-57	Pass
				1000 -12750	7162.5	-58.35	NA	-47	Pass

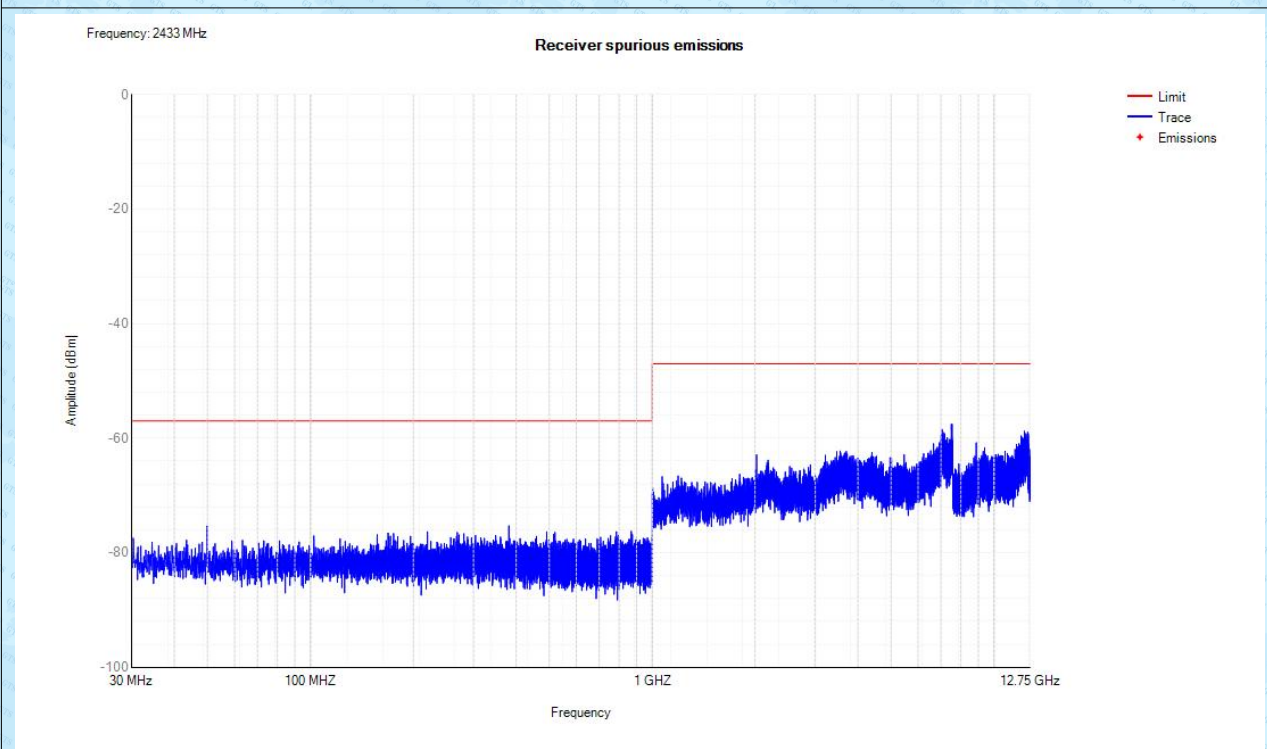
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	30 -1000	389.9	-75.25	NA	-57	Pass
				1000 -12750	12534.5	-58.40	NA	-47	Pass
		2433		30 -1000	406.2	-75.30	NA	-57	Pass
				1000 -12750	12586.5	-58.00	NA	-47	Pass
		2466		30 -1000	92	-76.02	NA	-57	Pass
				1000 -12750	7425	-57.34	NA	-47	Pass
		2411	Ant2	30 -1000	48.3	-76.44	NA	-57	Pass
				1000 -12750	7516	-57.48	NA	-47	Pass
		2433		30 -1000	283.85	-75.55	NA	-57	Pass
				1000 -12750	7117.5	-58.36	NA	-47	Pass
		2466		30 -1000	171.25	-75.97	NA	-57	Pass
				1000 -12750	7512.5	-57.82	NA	-47	Pass

Test Graphs

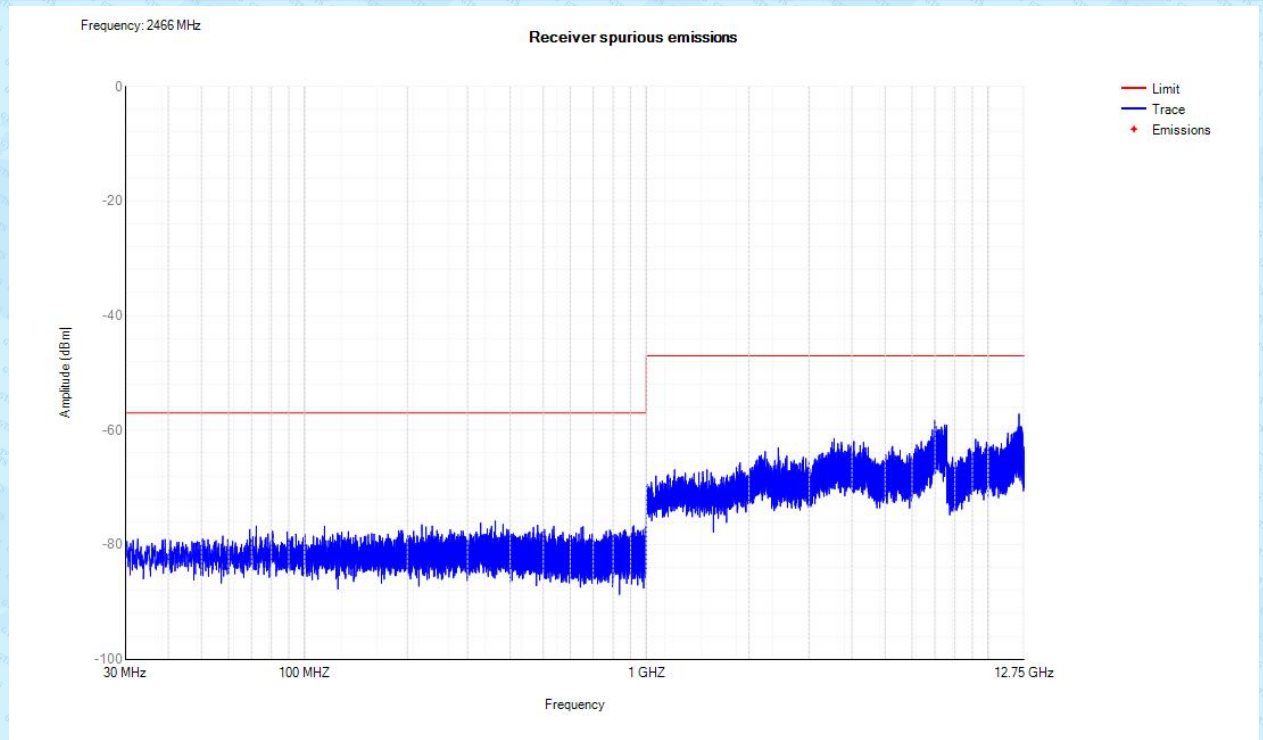
Rx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant1



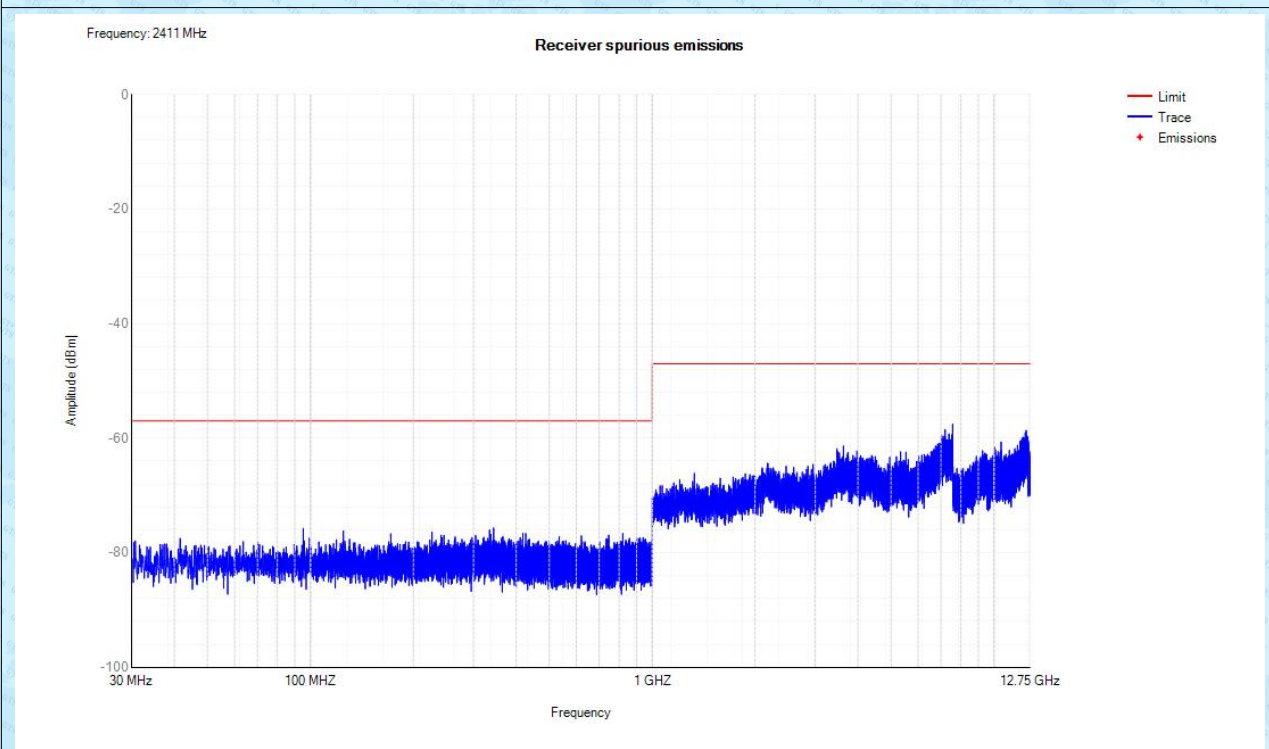
Rx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant1



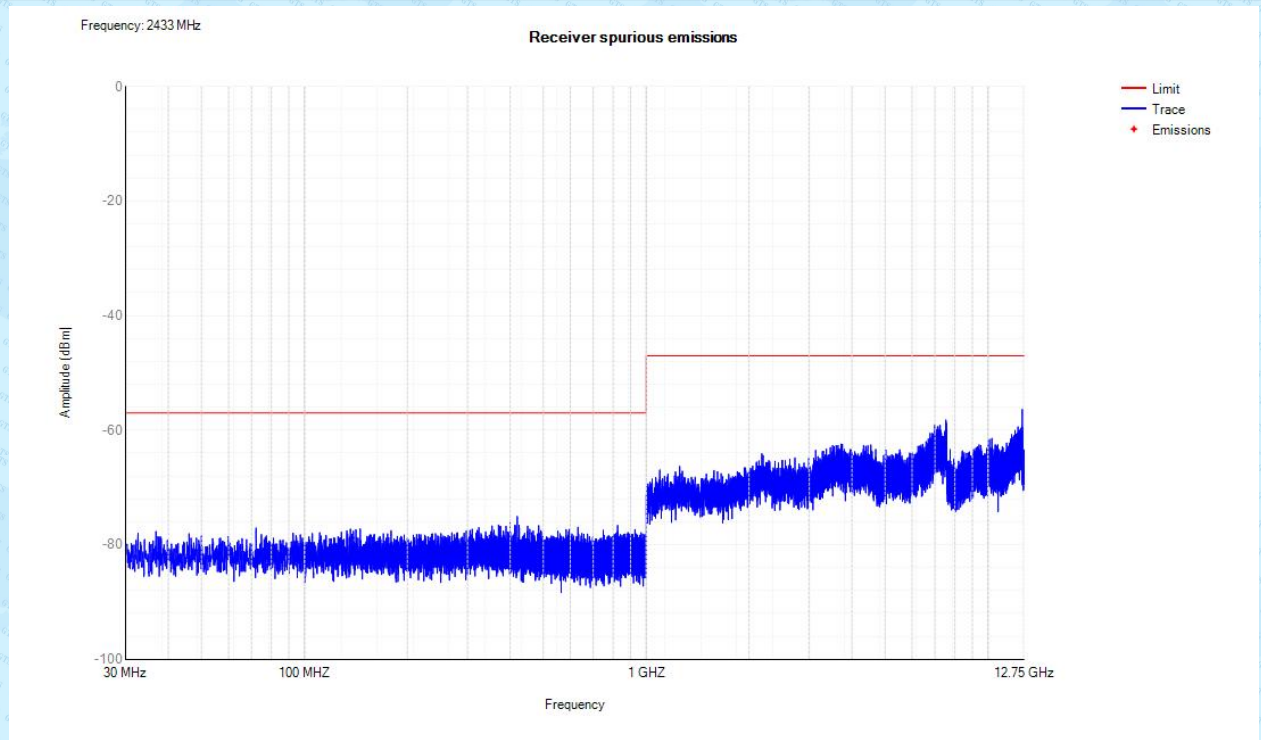
Rx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant1



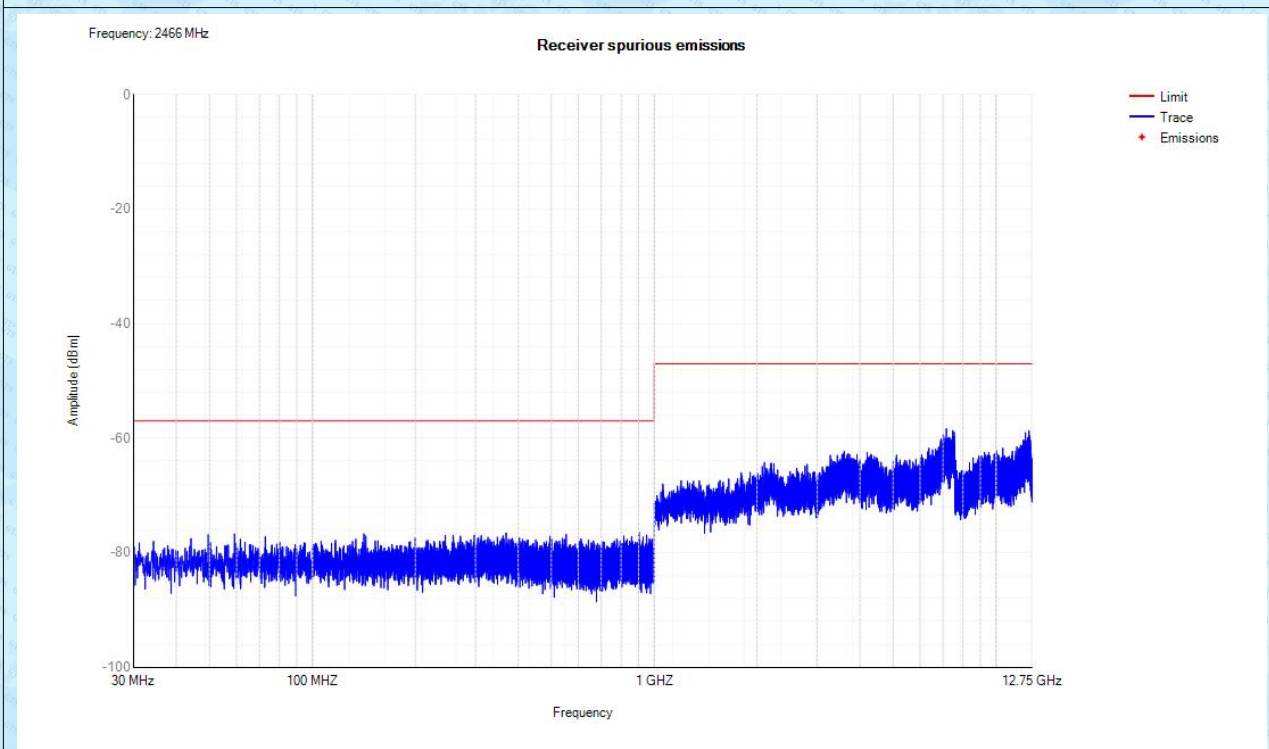
Rx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant2



Rx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant2

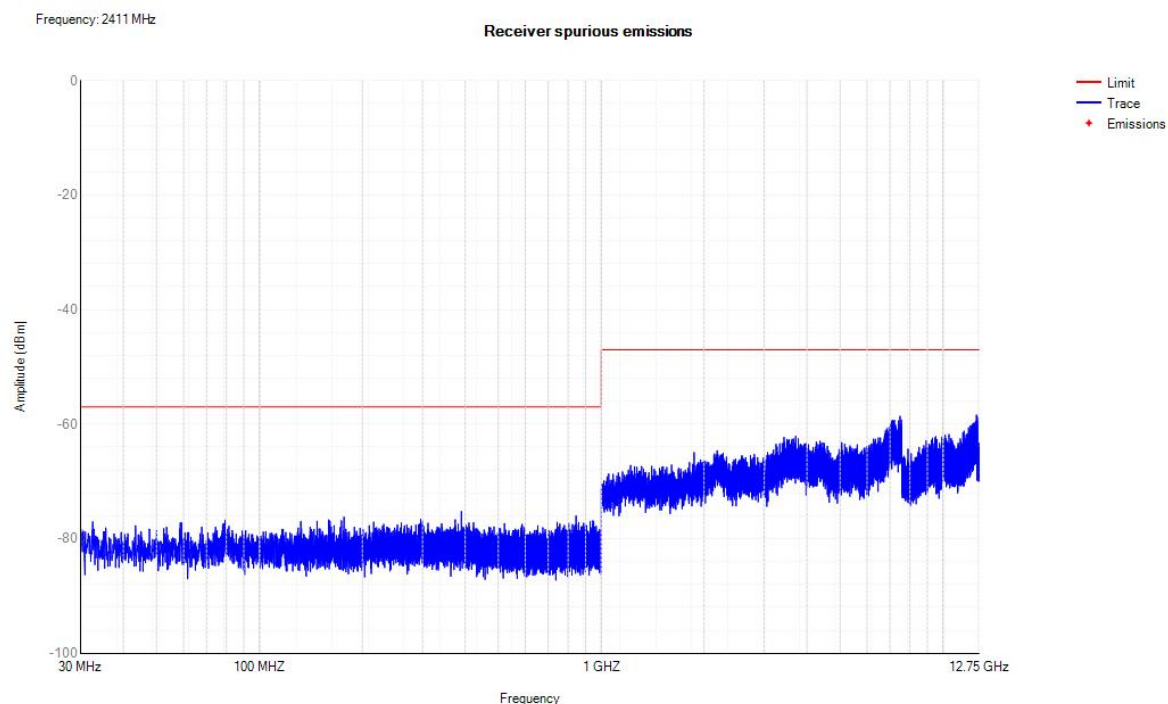


Rx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant2

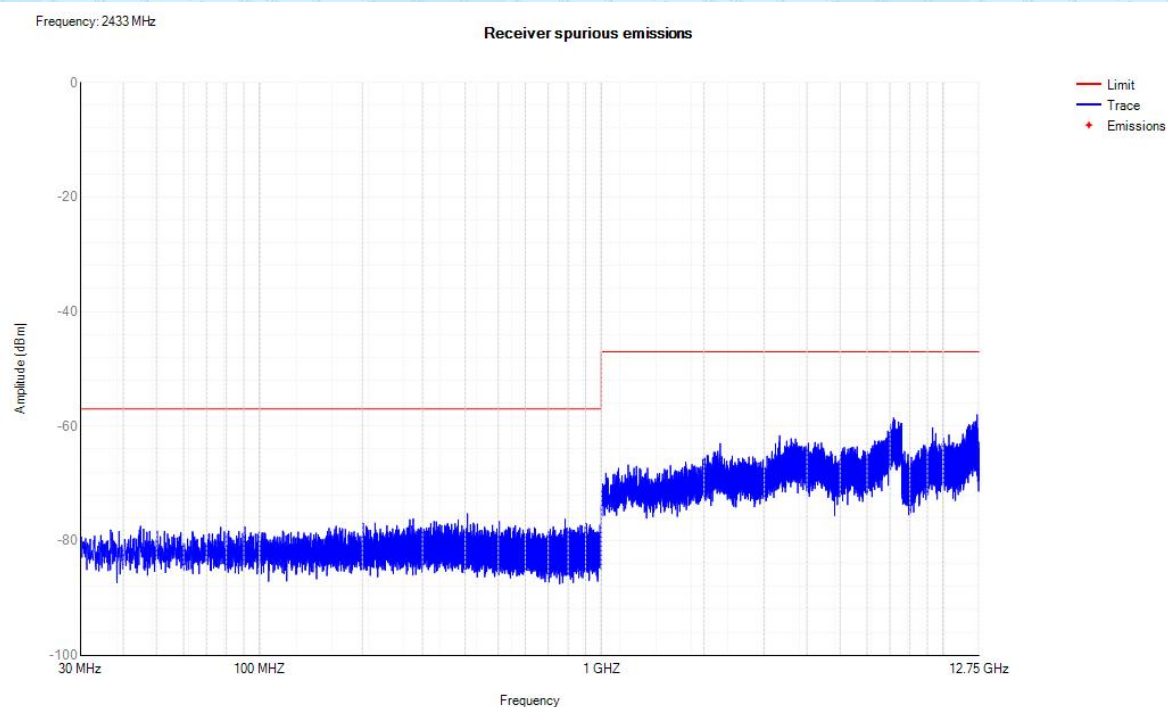


Test Graphs

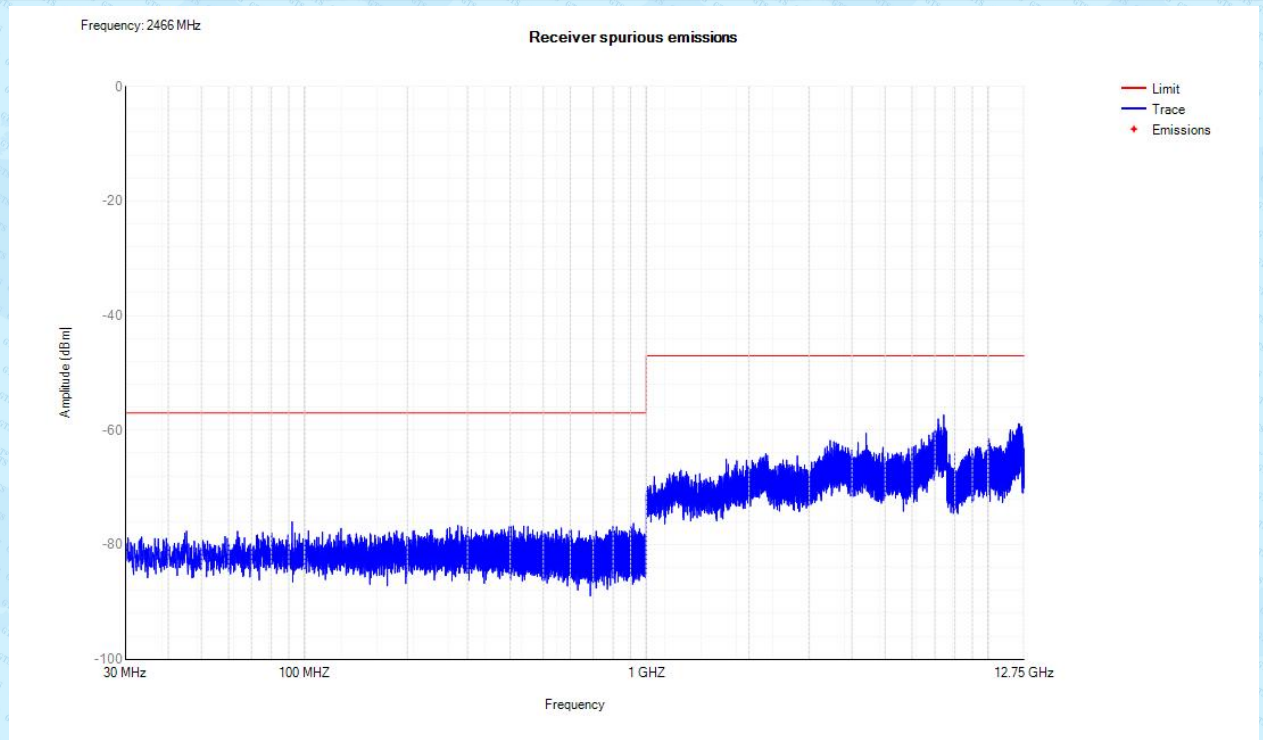
Rx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant1



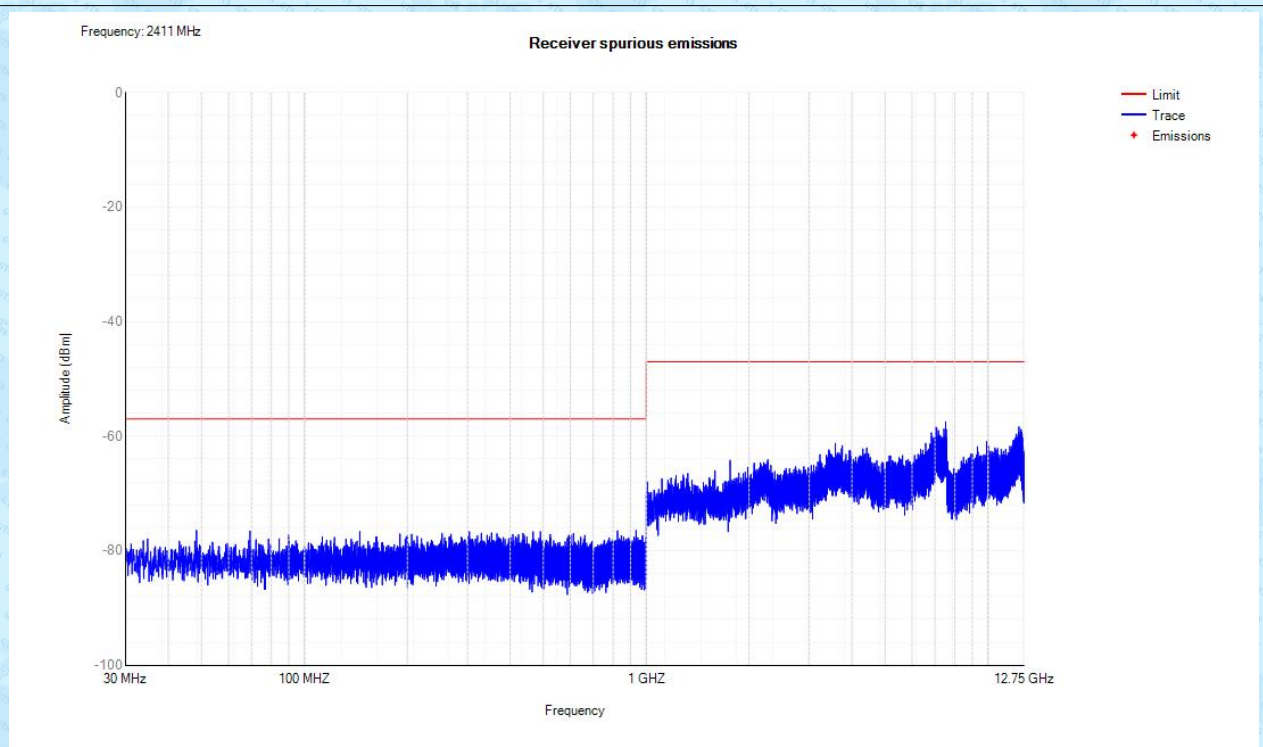
Rx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant1



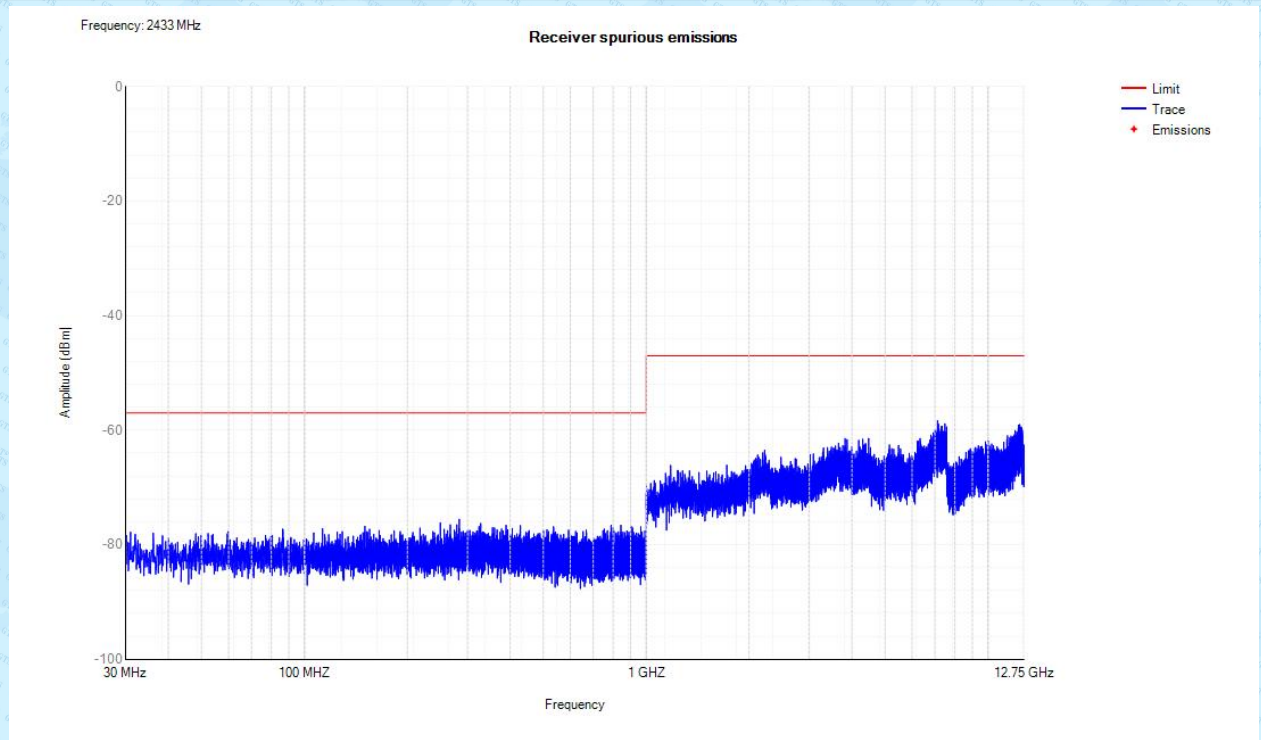
Rx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant1



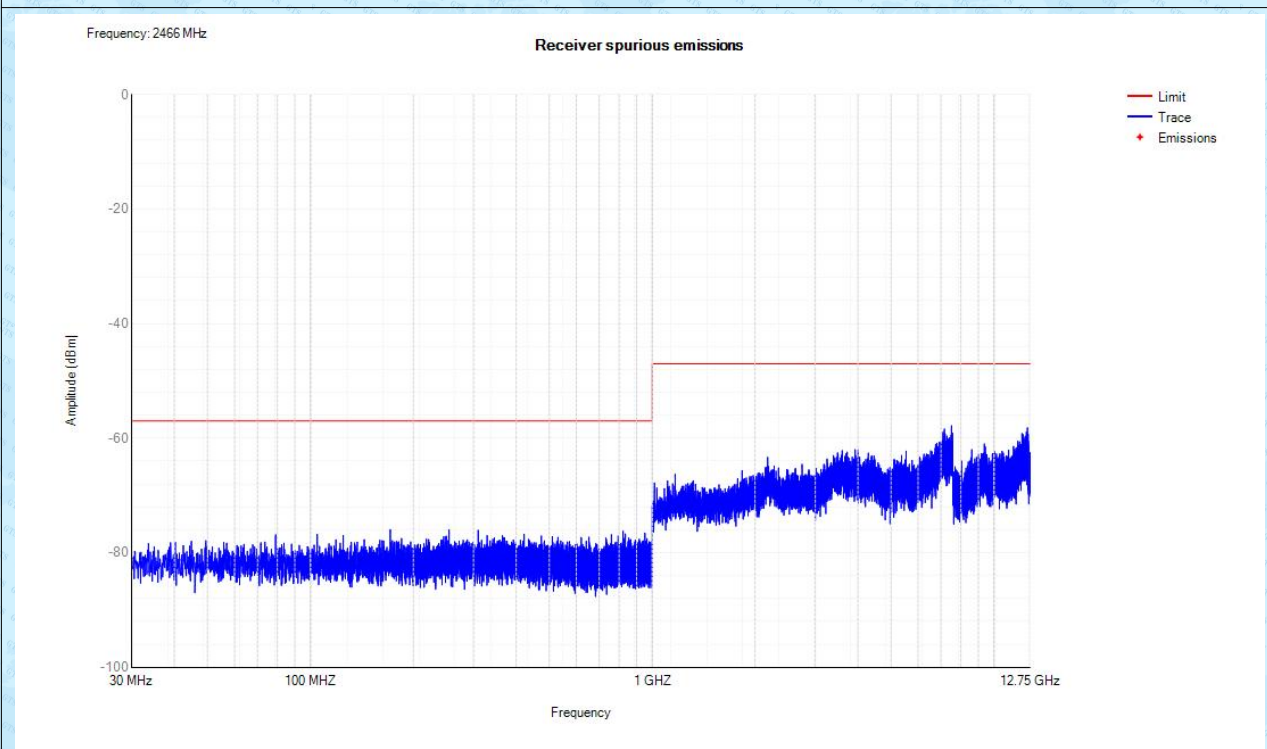
Rx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant2



Rx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant2



Rx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant2



Radiation Measurement:

2.4G SRD_10M 2411 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
81.78	Vertical	-64.52	2nW/ -57dBm below 1GHz, 20nW/ -47dBm above 1GHz.	Pass
166.07	V	-69.56		
4824.00	V	-61.25		
81.78	Horizontal	-70.36		
159.78	H	-69.56		
4824.00	H	-61.25		
2.4G SRD_10M 2466 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
81.78	Vertical	-64.52	2nW/ -57dBm below 1GHz, 20nW/ -47dBm above 1GHz.	Pass
166.07	V	-69.56		
4944.00	V	-61.42		
81.78	Horizontal	-71.36		
159.78	H	-70.36		
4944.00	H	-60.75		

Note: All of the EUT Configure Mode were tested and found 2.4G SRD_10M mode is the worst mode, the worst case is recorded in this report.

5.4.11 Receiver Blocking

Condition	Mode	Frequency (MHz)	Antenna	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER (%)	Limit (%)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	-62.5	2380	-28.5	0	10	Pass
				-68.5	2300	-28.5	0	10	Pass
				-68.5	2330	-28.5	0	10	Pass
				-68.5	2360	-28.5	0	10	Pass
		-62.5		2380	-28.5	0	10	Pass	
		-62.5		2504	-28.5	0	10	Pass	
		-68.5		2300	-28.5	0	10	Pass	
		-68.5		2330	-28.5	0	10	Pass	
		-68.5		2360	-28.5	0	10	Pass	
		-68.5		2524	-28.5	0	10	Pass	
		-68.5		2584	-28.5	0	10	Pass	
		-68.5		2674	-28.5	0	10	Pass	
		2433		-62.5	2504	-28.5	0	10	Pass
				-68.5	2524	-28.5	0	10	Pass
				-68.5	2584	-28.5	0	10	Pass
				-68.5	2674	-28.5	0	10	Pass
		2466	-62.5	2380	-28.5	0	10	Pass	
			-68.5	2300	-28.5	0	10	Pass	
			-68.5	2330	-28.5	0	10	Pass	
			-68.5	2360	-28.5	0	10	Pass	
		Ant2	-62.5	2380	-28.5	0	10	Pass	
			-62.5	2504	-28.5	0	10	Pass	
			-68.5	2300	-28.5	0	10	Pass	
			-68.5	2330	-28.5	0	10	Pass	
			-68.5	2360	-28.5	0	10	Pass	
			-68.5	2524	-28.5	0	10	Pass	
			-68.5	2584	-28.5	0	10	Pass	
			-68.5	2674	-28.5	0	10	Pass	
			-62.5	2504	-28.5	0	10	Pass	
			-68.5	2524	-28.5	0	10	Pass	
			-68.5	2584	-28.5	0	10	Pass	
			-68.5	2674	-28.5	0	10	Pass	

Condition	Mode	Frequency (MHz)	Antenna	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER (%)	Limit (%)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	-63	2380	-29	0	10	Pass
				-69	2300	-29	0	10	Pass
				-69	2330	-29	0	10	Pass
				-69	2360	-29	0	10	Pass
		-63		2380	-29	0	10	Pass	
		-63		2504	-29	0	10	Pass	
		-69		2300	-29	0	10	Pass	
		-69		2330	-29	0	10	Pass	
		-69		2360	-29	0	10	Pass	
		-69		2524	-29	0	10	Pass	
		-69		2584	-29	0	10	Pass	
		-69		2674	-29	0	10	Pass	
		-63		2504	-29	0	10	Pass	
		-69		2524	-29	0	10	Pass	
		-69		2584	-29	0	10	Pass	
		-69		2674	-29	0	10	Pass	
		2433	-63	2380	-29	0	10	Pass	
			-69	2300	-29	0	10	Pass	
			-69	2330	-29	0	10	Pass	
			-69	2360	-29	0	10	Pass	
			-63	2380	-29	0	10	Pass	
			-63	2504	-29	0	10	Pass	
			-69	2300	-29	0	10	Pass	
			-69	2330	-29	0	10	Pass	
			-69	2360	-29	0	10	Pass	
			-69	2524	-29	0	10	Pass	
			-69	2584	-29	0	10	Pass	
			-69	2674	-29	0	10	Pass	
		2466	-63	2504	-29	0	10	Pass	
			-69	2524	-29	0	10	Pass	
			-69	2584	-29	0	10	Pass	
			-69	2674	-29	0	10	Pass	
-63	2504		-29	0	10	Pass			
-69	2524		-29	0	10	Pass			
-69	2584		-29	0	10	Pass			
-69	2674		-29	0	10	Pass			

-----End-----