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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	13.53	11	17.43	20	Pass
		2433		10.87	11	14.77	20	Pass
		2466		11.31	11	15.21	20	Pass
		2411	Ant2	12.40	11	16.3	20	Pass
		2433		11.34	11	15.24	20	Pass
		2466		12.63	11	16.53	20	Pass
NVLT	2.4G SRD_10M	2411	Ant1	10.88	11	14.78	20	Pass
		2433		7.63	11	11.53	20	Pass
		2466		7.32	11	11.22	20	Pass
		2411	Ant2	10.17	11	14.07	20	Pass
		2433		8.67	11	12.57	20	Pass
		2466		9.71	11	13.61	20	Pass
NVHT	2.4G SRD_10M	2411	Ant1	10.29	11	14.19	20	Pass
		2433		7.61	11	11.51	20	Pass
		2466		7.32	11	11.22	20	Pass
		2411	Ant2	10.71	11	14.61	20	Pass
		2433		8.67	11	12.57	20	Pass
		2466		9.70	11	13.6	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	12.93	11	16.83	20	Pass
		2433		10.75	11	14.65	20	Pass
		2466		11.67	11	15.57	20	Pass
		2411	Ant2	11.67	11	15.57	20	Pass
		2433		11.20	11	15.1	20	Pass
		2466		12.99	11	16.89	20	Pass
NVLT	2.4G SRD_20M	2411	Ant1	10.31	12	14.21	20	Pass
		2433		7.75	11	11.65	20	Pass
		2466		8.03	11	11.93	20	Pass
		2411	Ant2	10.22	11	14.12	20	Pass
		2433		8.76	11	12.66	20	Pass
		2466		9.71	11	13.61	20	Pass
NVHT	2.4G SRD_20M	2411	Ant1	9.73	11	13.63	20	Pass
		2433		7.15	11	11.05	20	Pass
		2466		8.02	11	11.92	20	Pass
		2411	Ant2	9.65	11	13.55	20	Pass
		2433		9.31	11	13.21	20	Pass
		2466		10.25	11	14.15	20	Pass

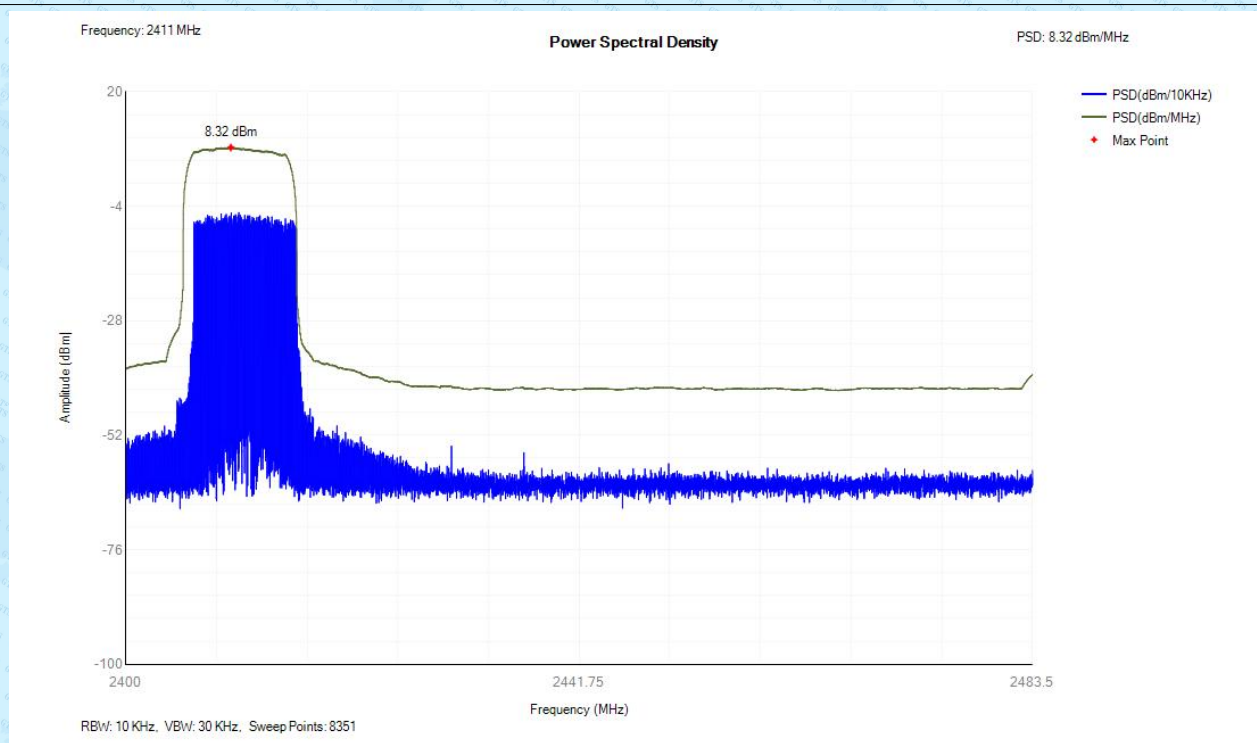
5.4.3 Power Spectral Density

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	2.4G SRD_10M	2411	Ant1	8.32	10	Pass
		2433		5.39	10	Pass
		2466		5.85	10	Pass
		2411	Ant2	7.15	10	Pass
		2433		5.97	10	Pass
		2466		7.21	10	Pass

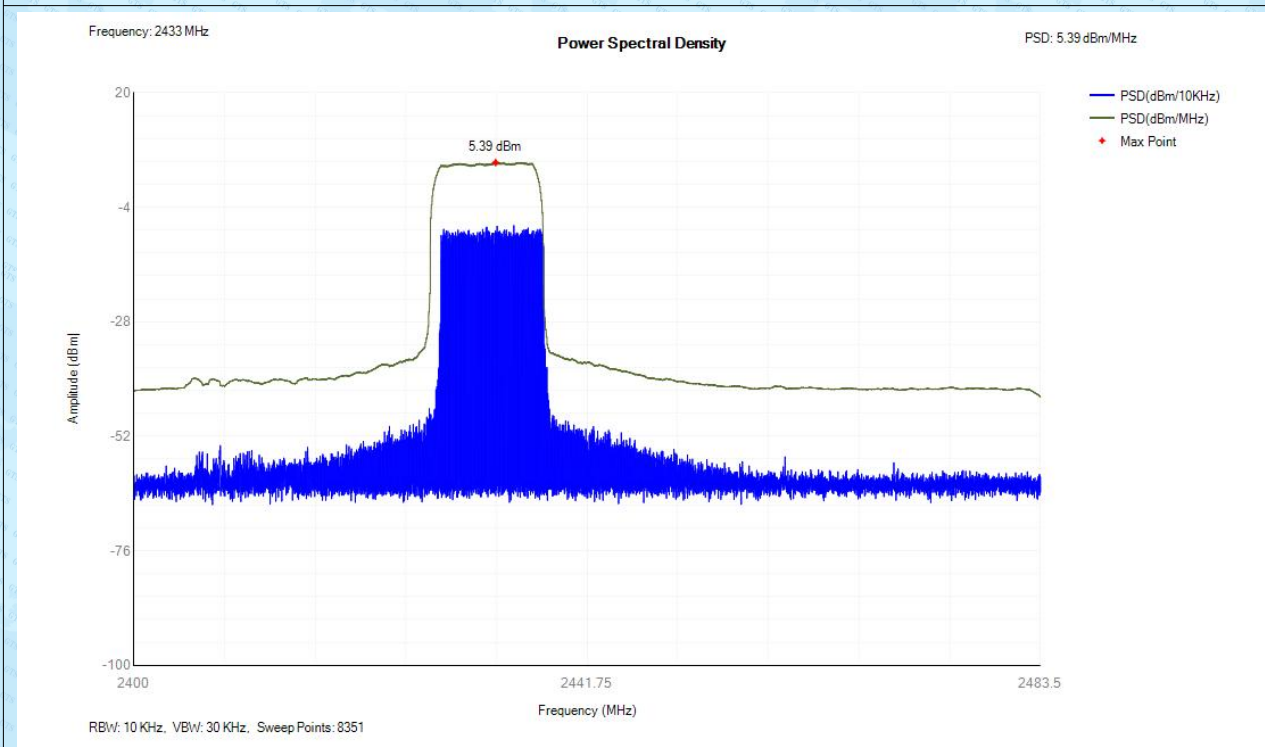
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	5.26	10	Pass
		2433		2.97	10	Pass
		2466		3.68	10	Pass
		2411	Ant2	4.11	10	Pass
		2433		3.73	10	Pass
		2466		5.12	10	Pass

Test Graphs

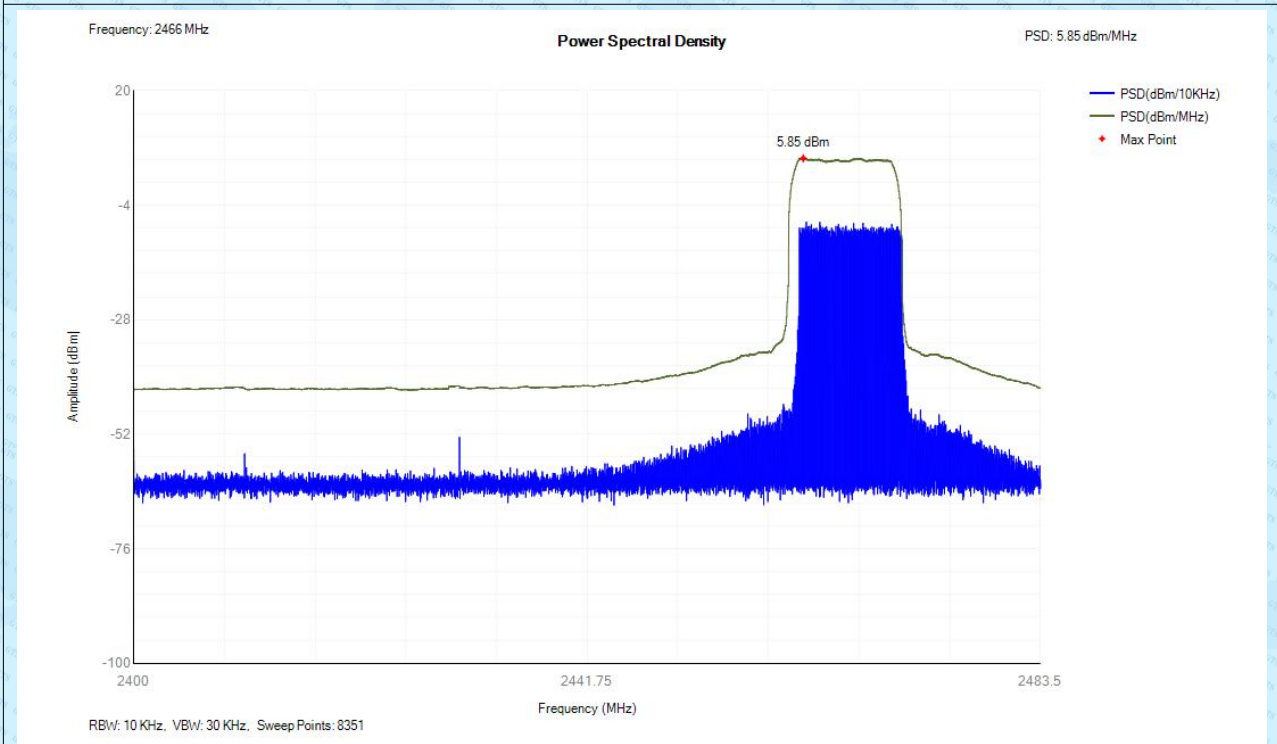
PSD NVNT 2.4G SRD_10M 2411MHz Ant1



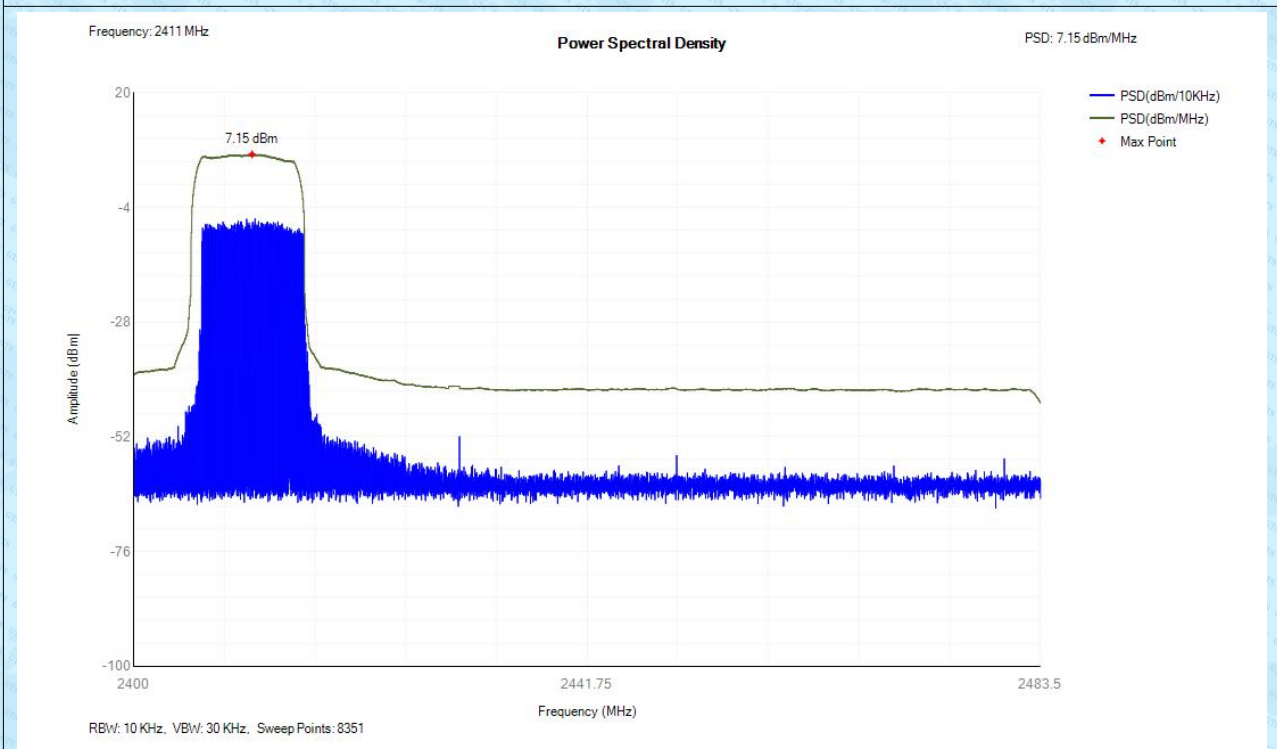
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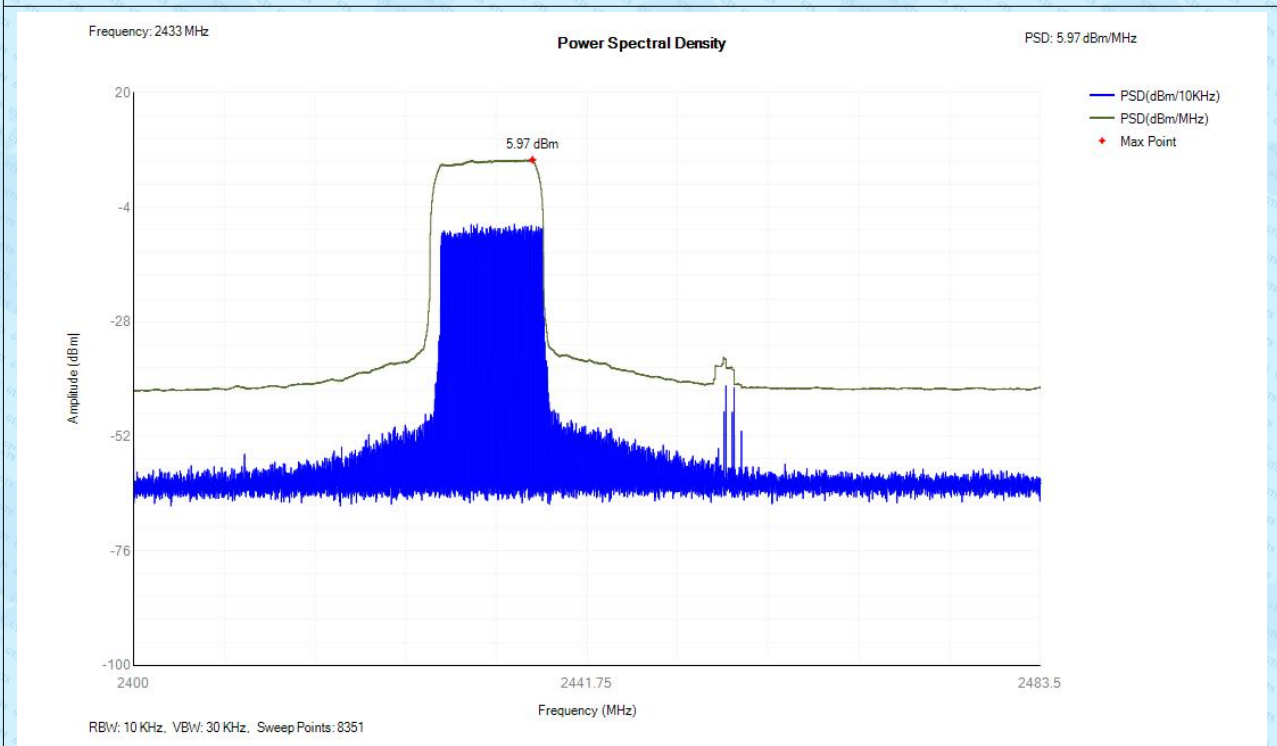
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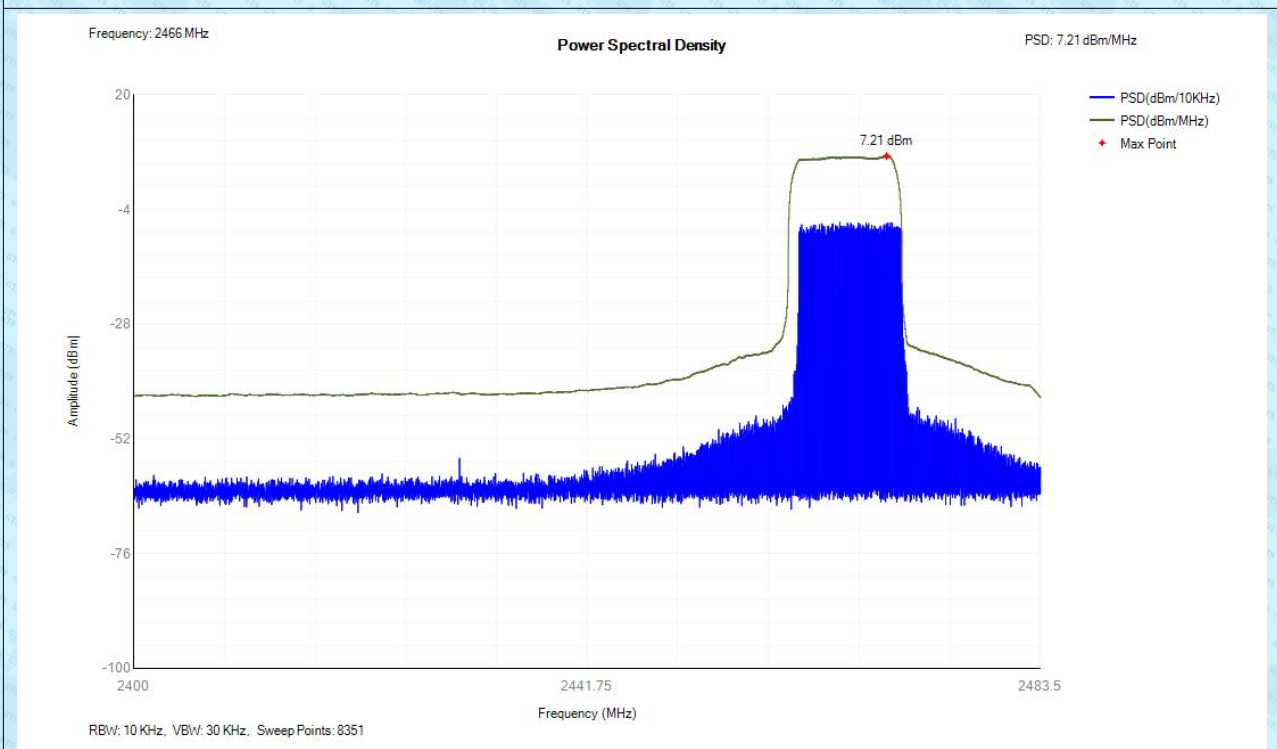
PSD NVNT 2.4G SRD_10M 2411MHz Ant2



PSD NVNT 2.4G SRD_10M 2433MHz Ant2

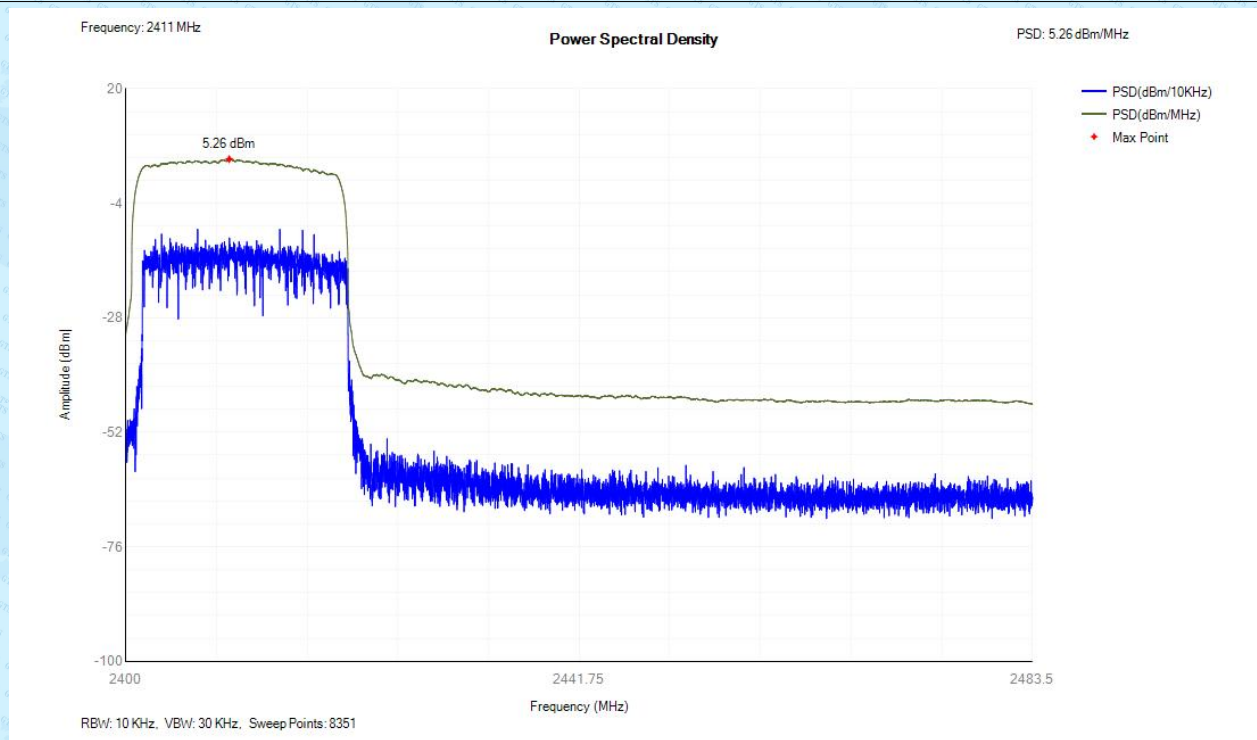


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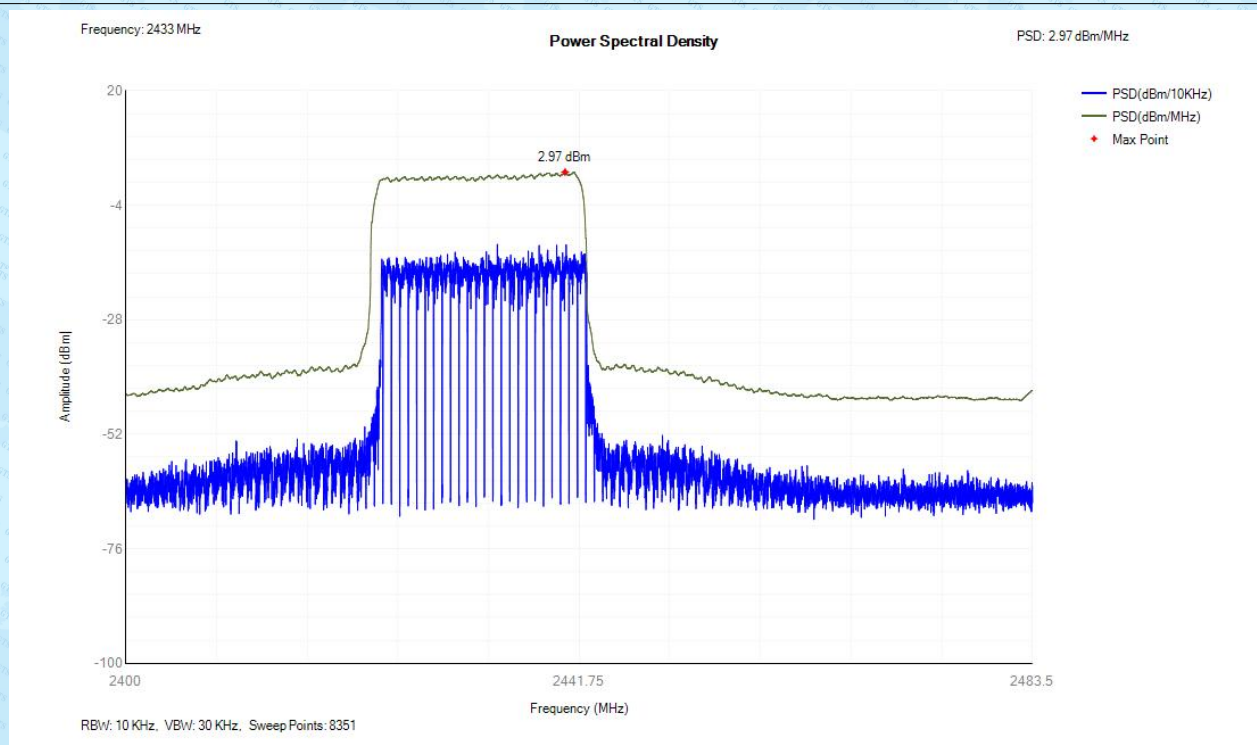


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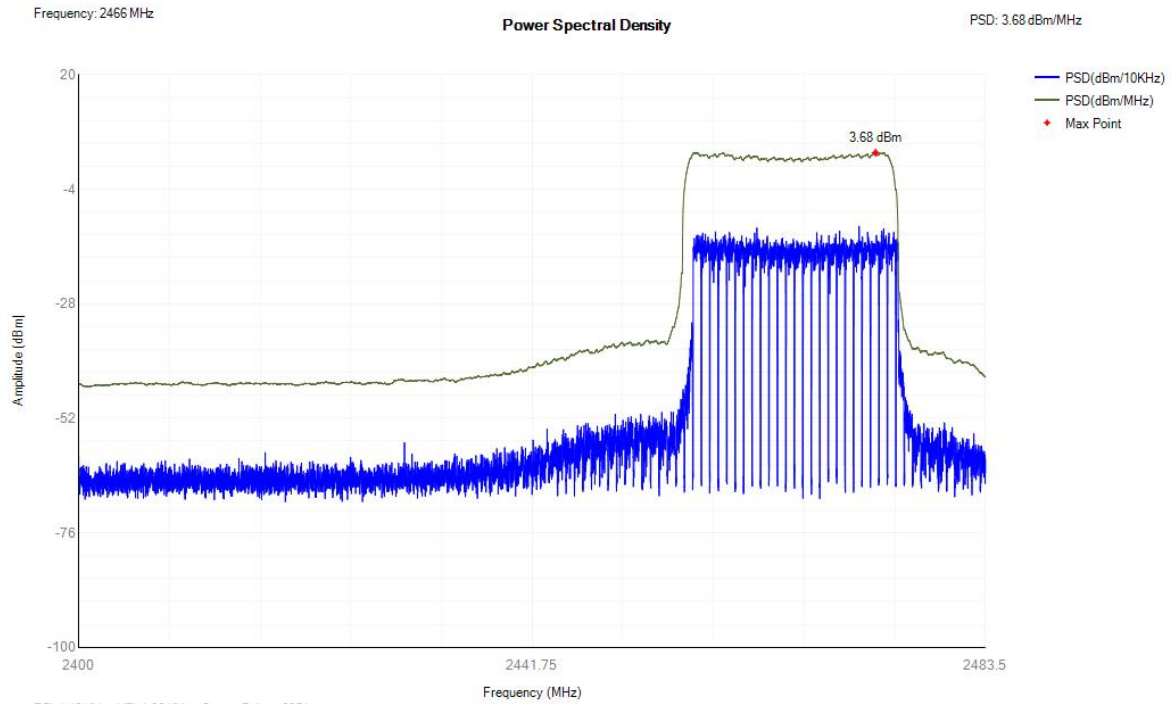
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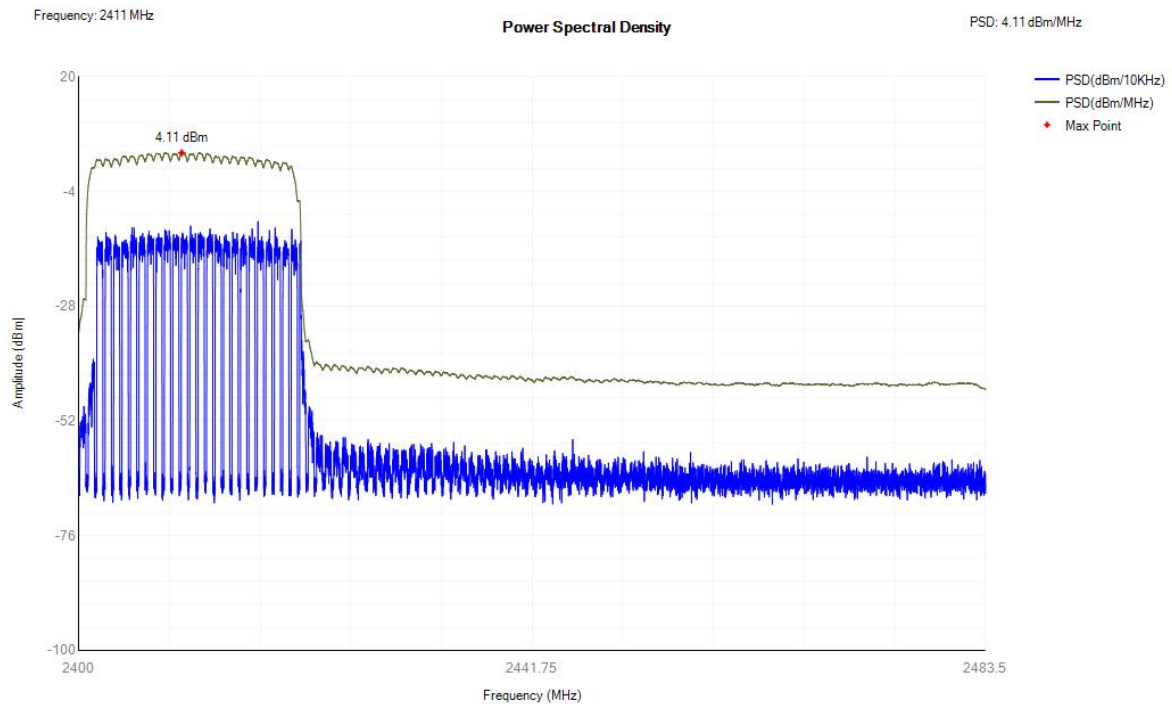
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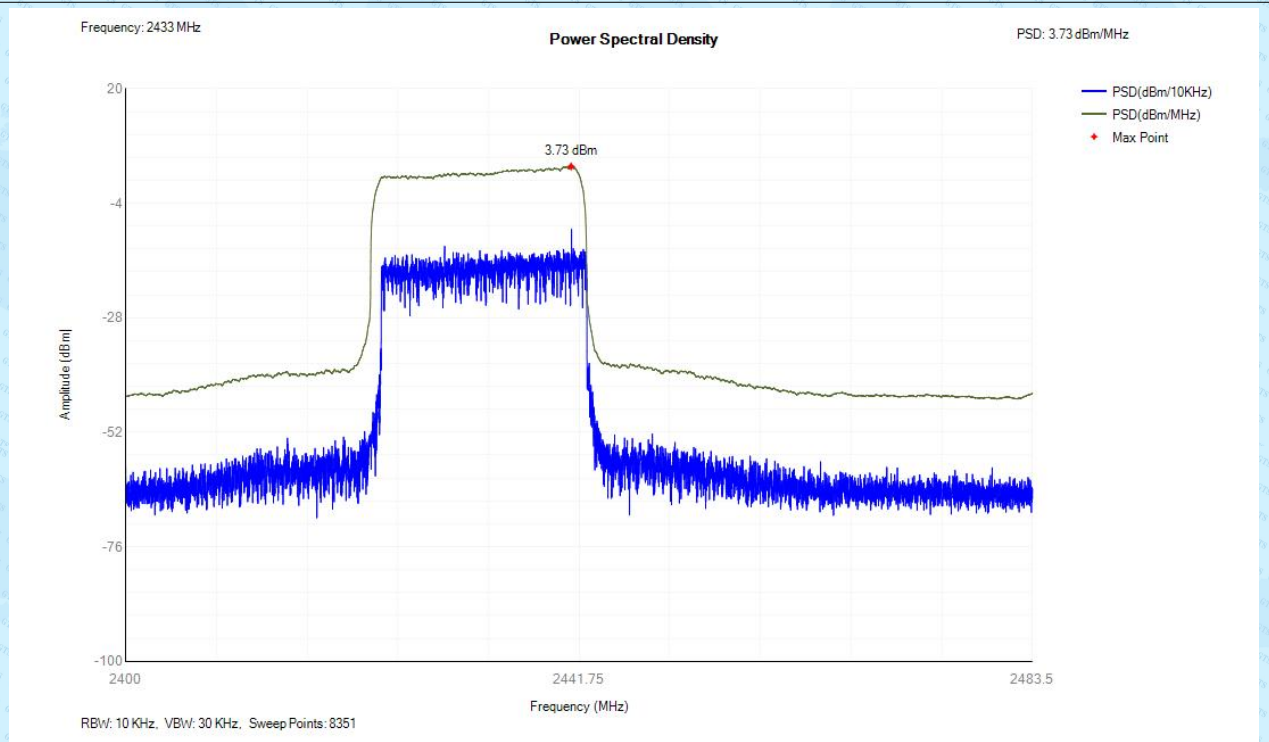
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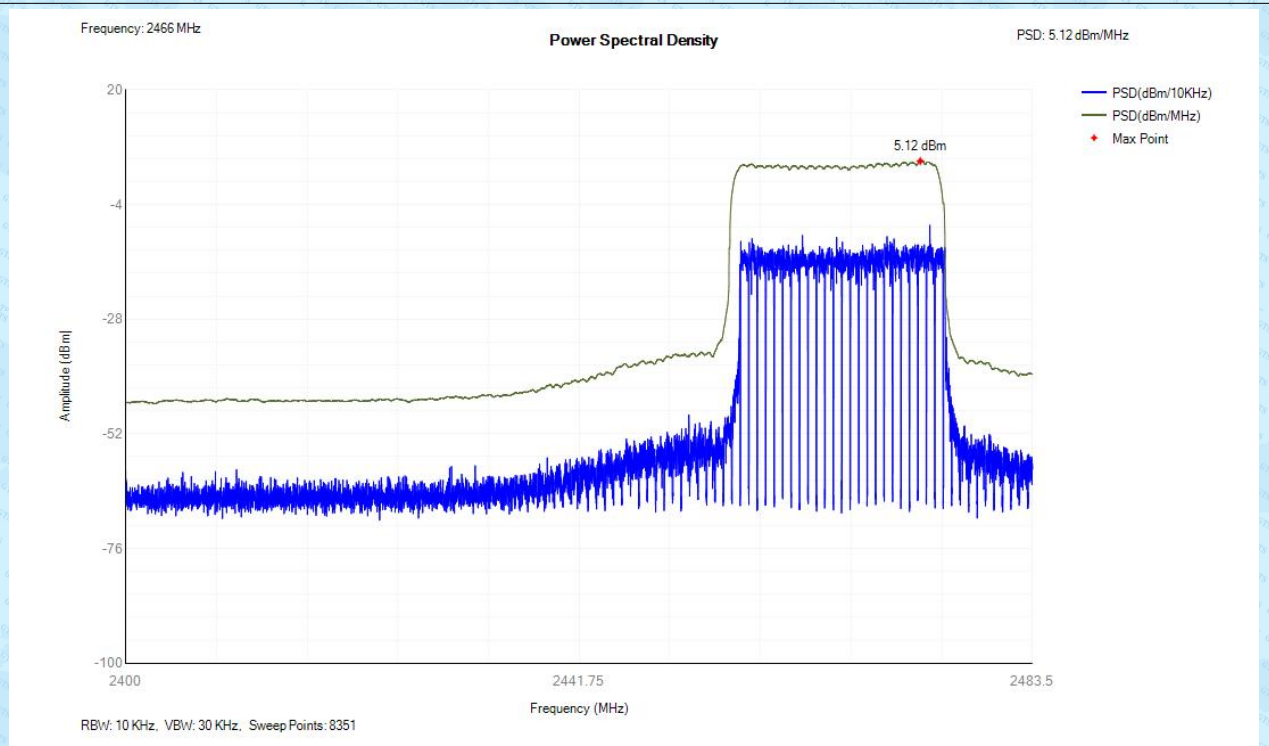
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PSD NVNT 2.4G SRD_20M 2433MHz Ant2



PSD NVNT 2.4G SRD_20M 2466MHz Ant2



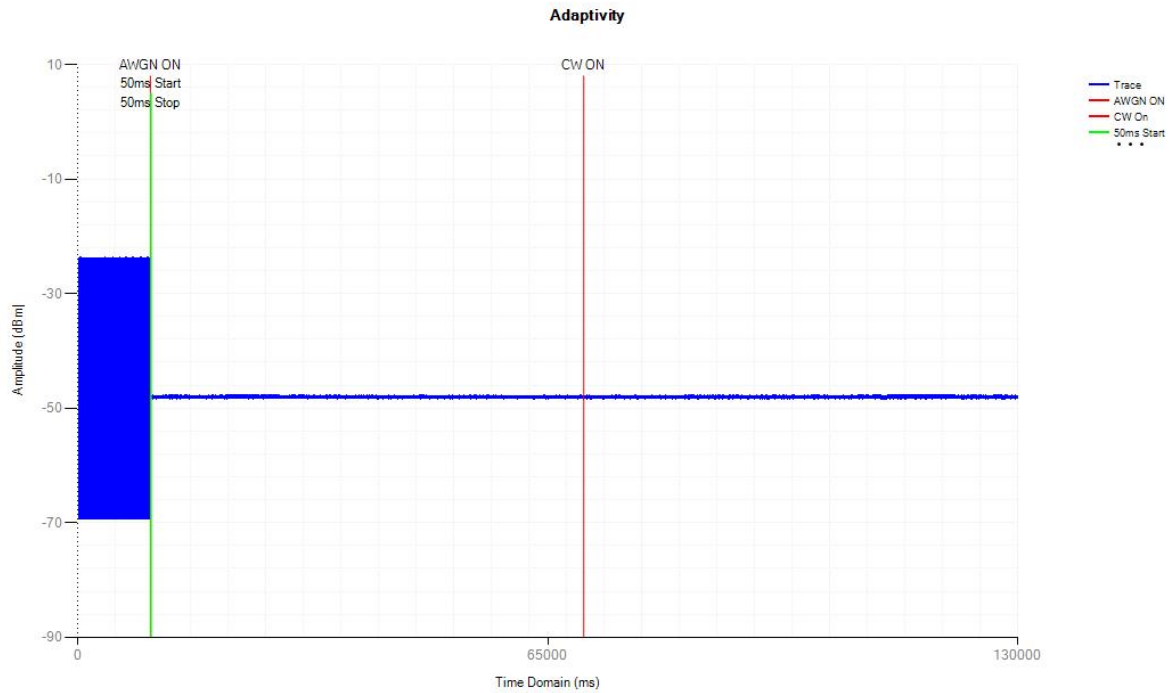
5.4.6 Adaptivity

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	-67.43	-35	0	0	<=10	Pass
				-65.21	-35	0	0	<=10	Pass
			Ant2	-66.3	-35	0	0	<=10	Pass
				-66.53	-35	0	0	<=10	Pass

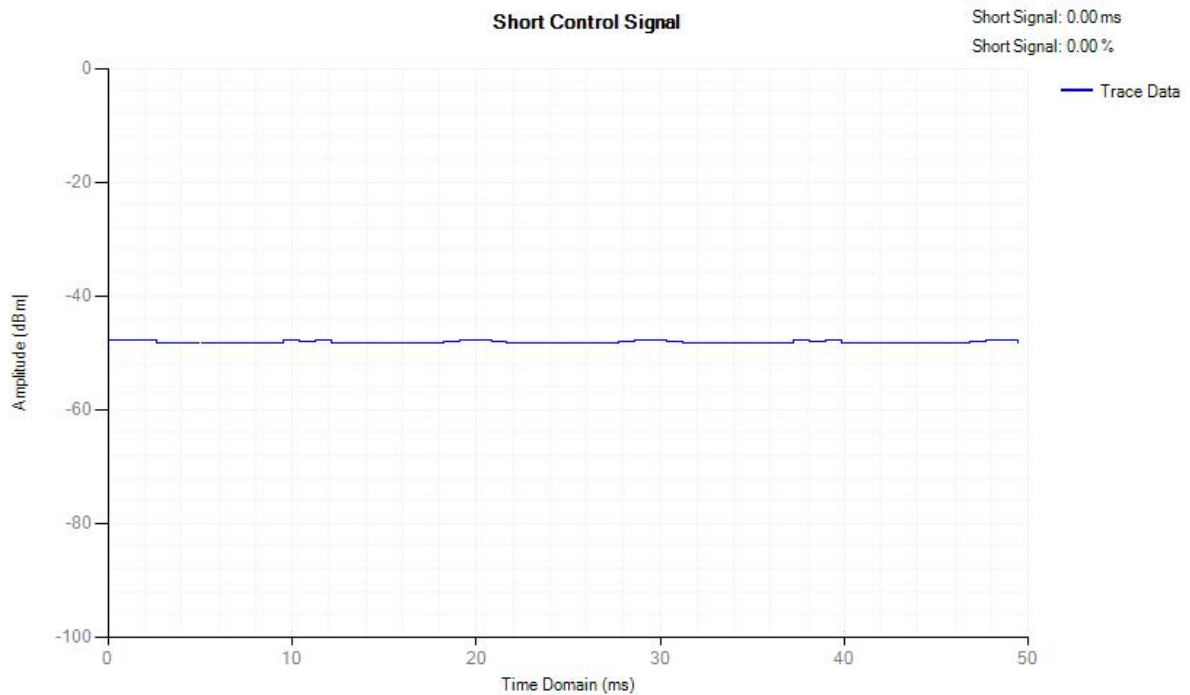
Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	Short Control Width (ms)	Short Control Ratio(%)	Limit (%)	Verdict
NVNT	2.4G SRD_20M	2403.97	Ant1	-67.43	-35	0	0	<=10	Pass
				-65.21	-35	0	0	<=10	Pass
			Ant2	-66.3	-35	0	0	<=10	Pass
				-66.53	-35	0	0	<=10	Pass

Test Graphs

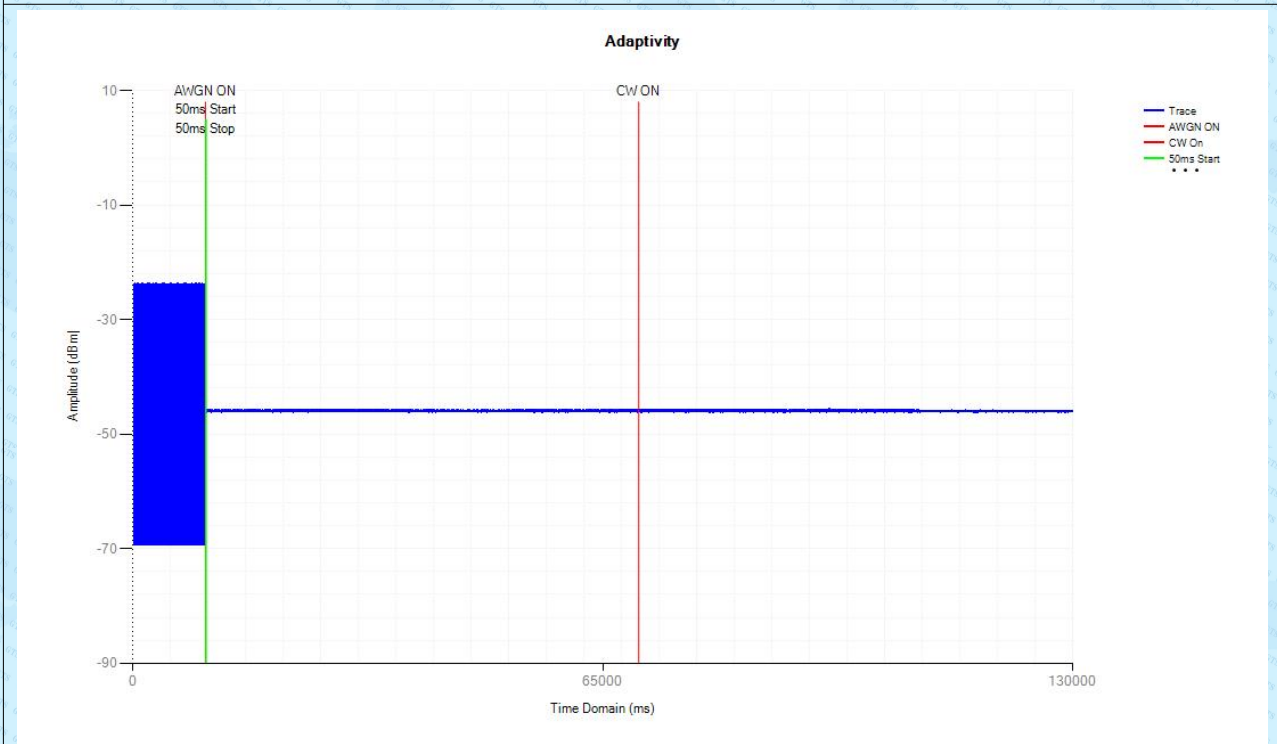
Adaptivity NVNT 2.4G SRD_10M 2411MHz



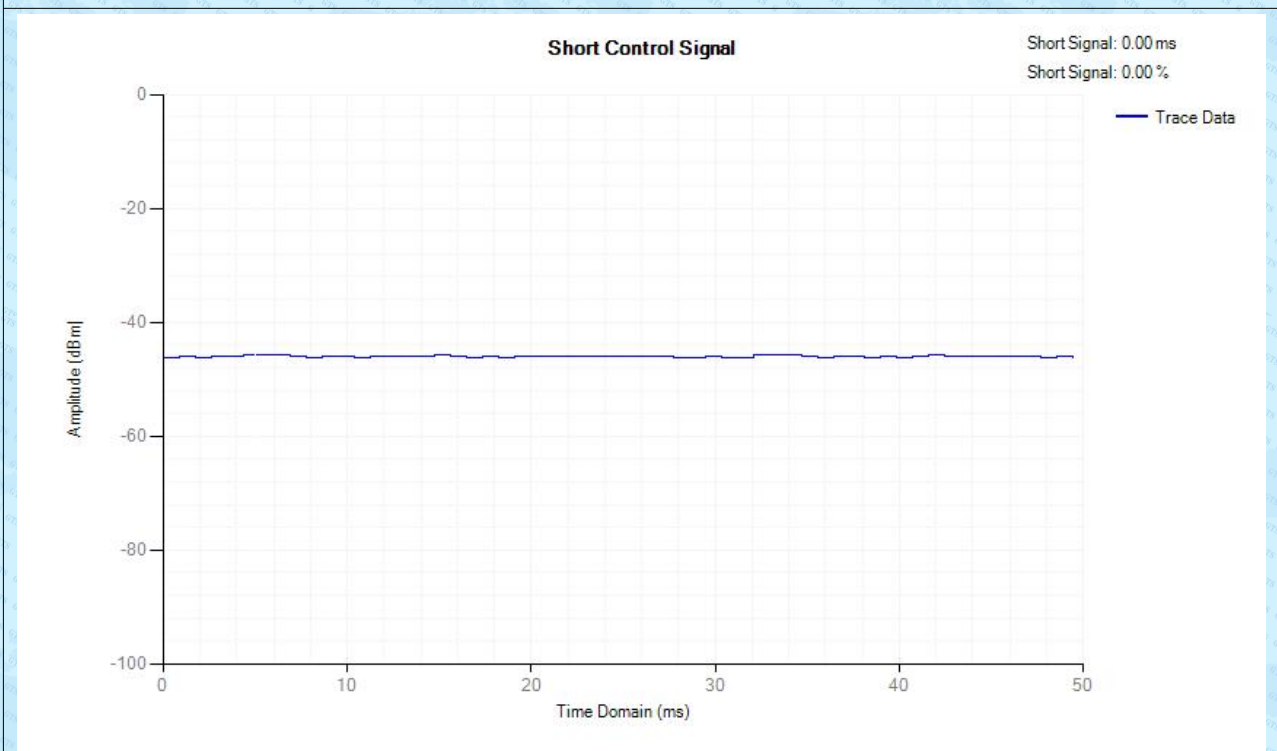
Control Signal NVNT 2.4G SRD_10M 2411MHz



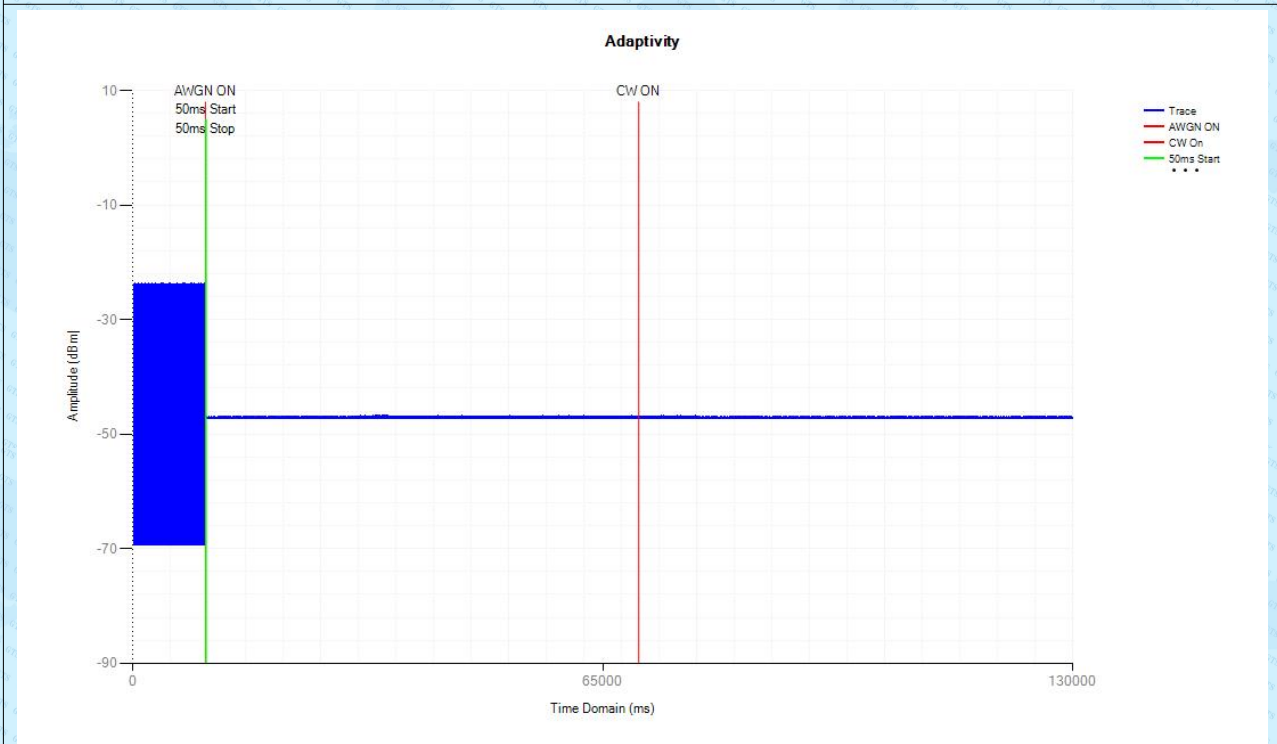
Adaptivity NVNT 2.4G SRD_10M 2411MHz



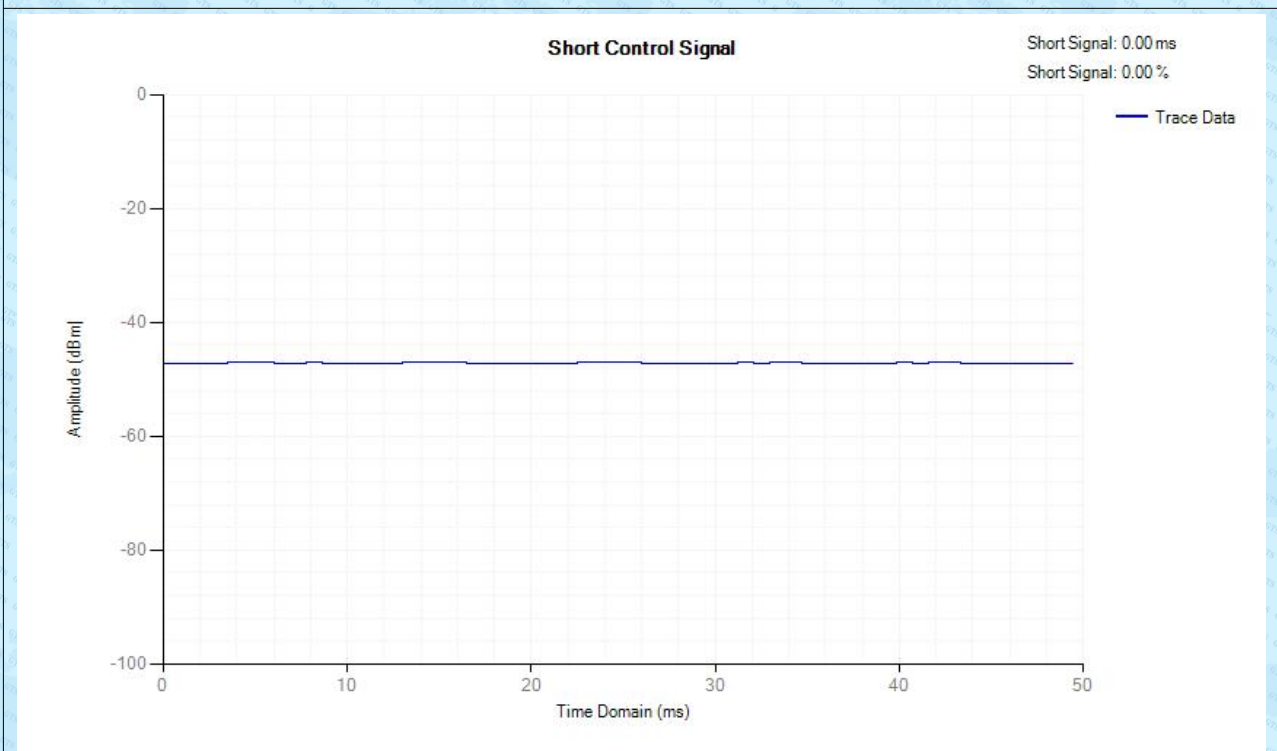
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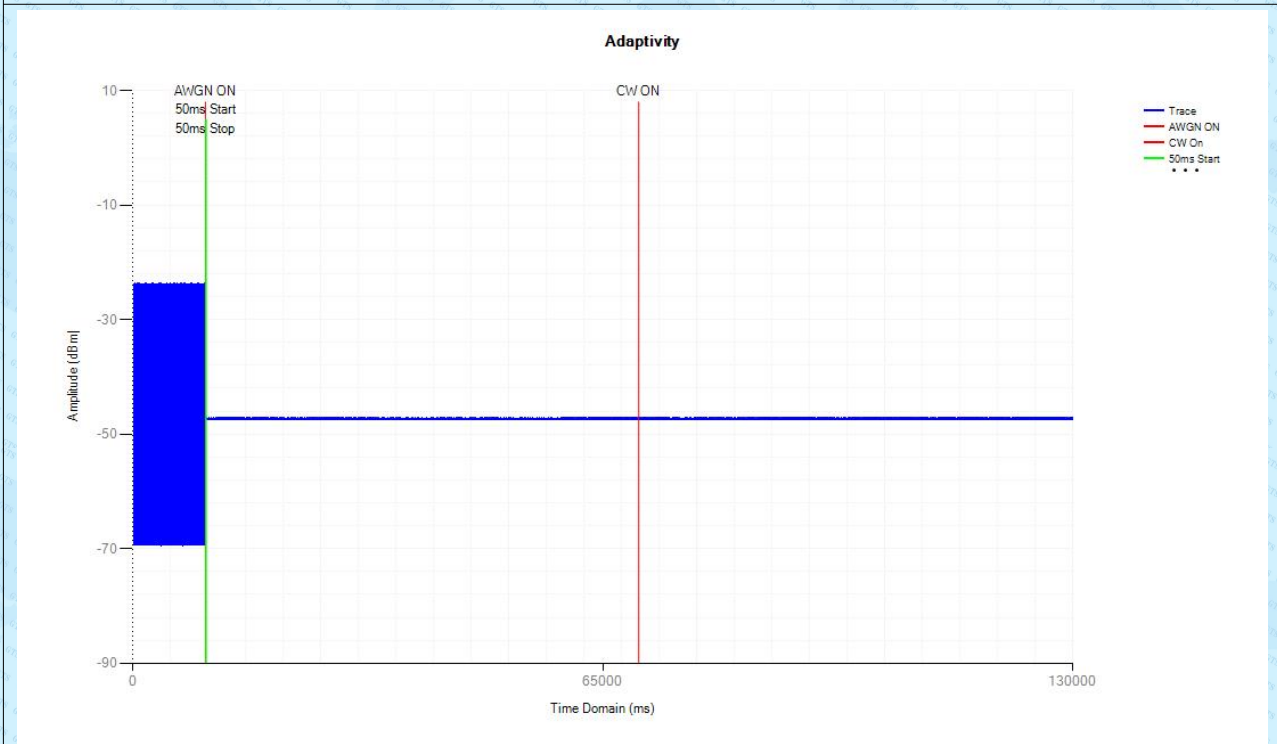
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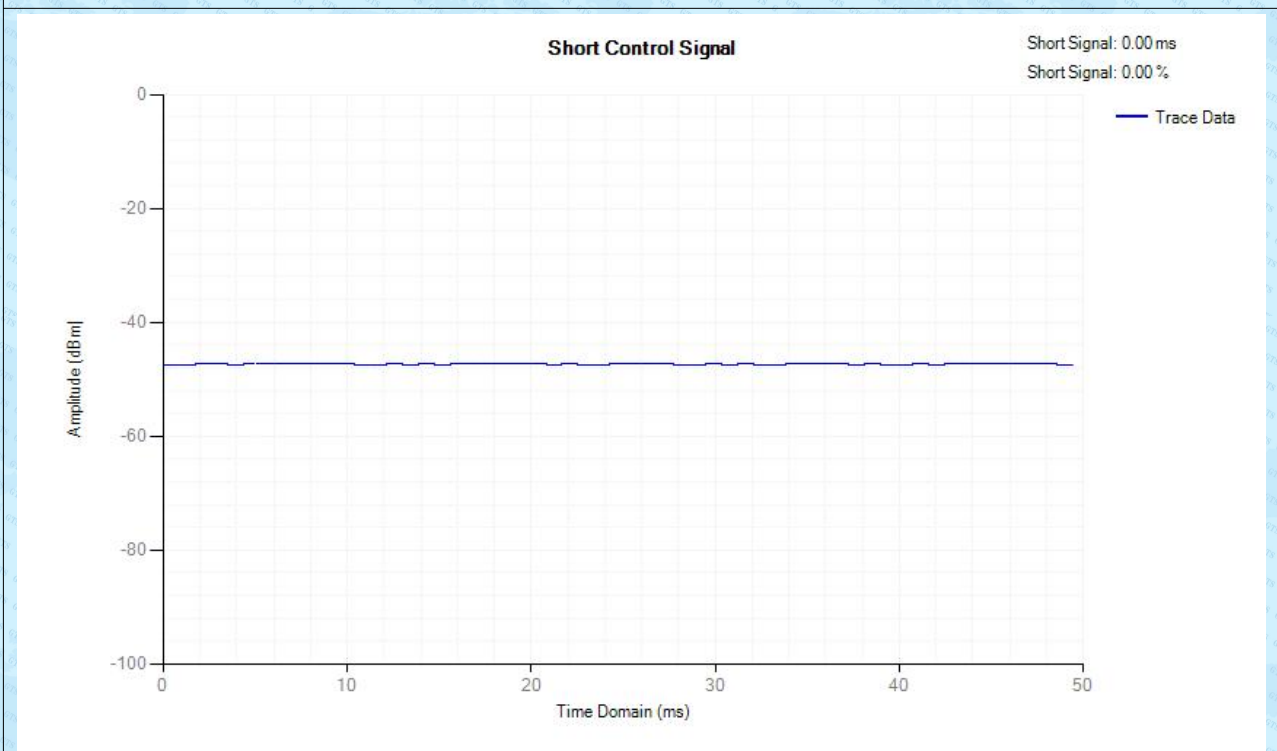
Control Signal NVNT 2.4G SRD_10M 2411MHz



Adaptivity NVNT 2.4G SRD_10M 2411MHz

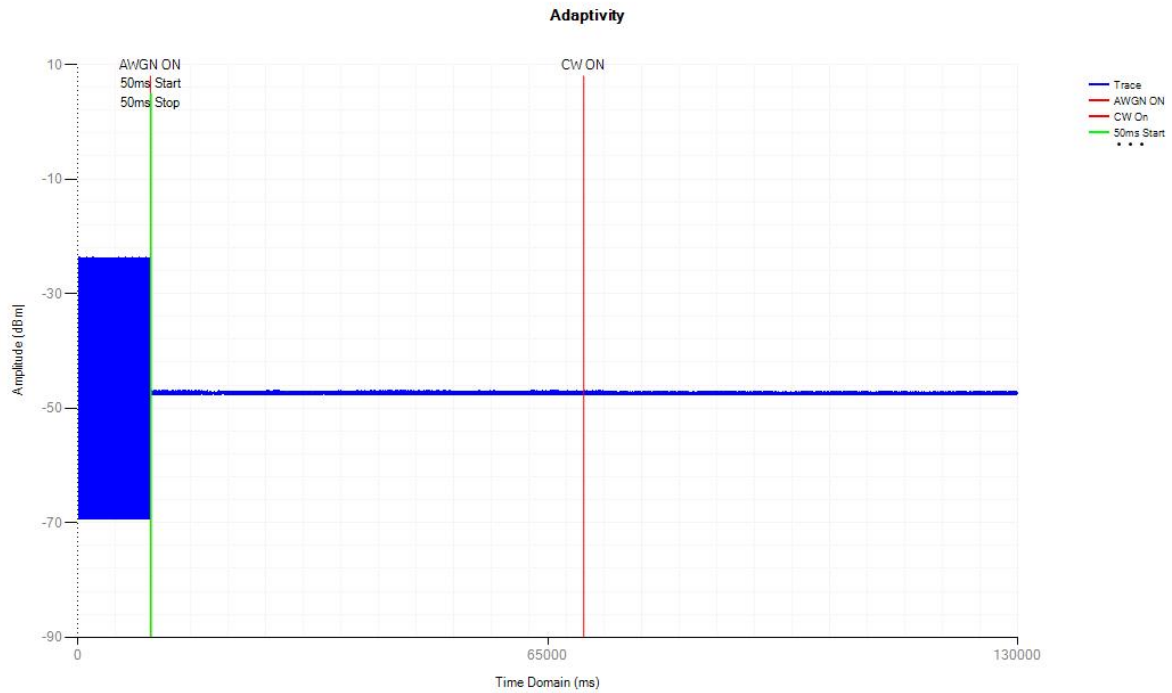


Control Signal NVNT 2.4G SRD_10M 2411MHz

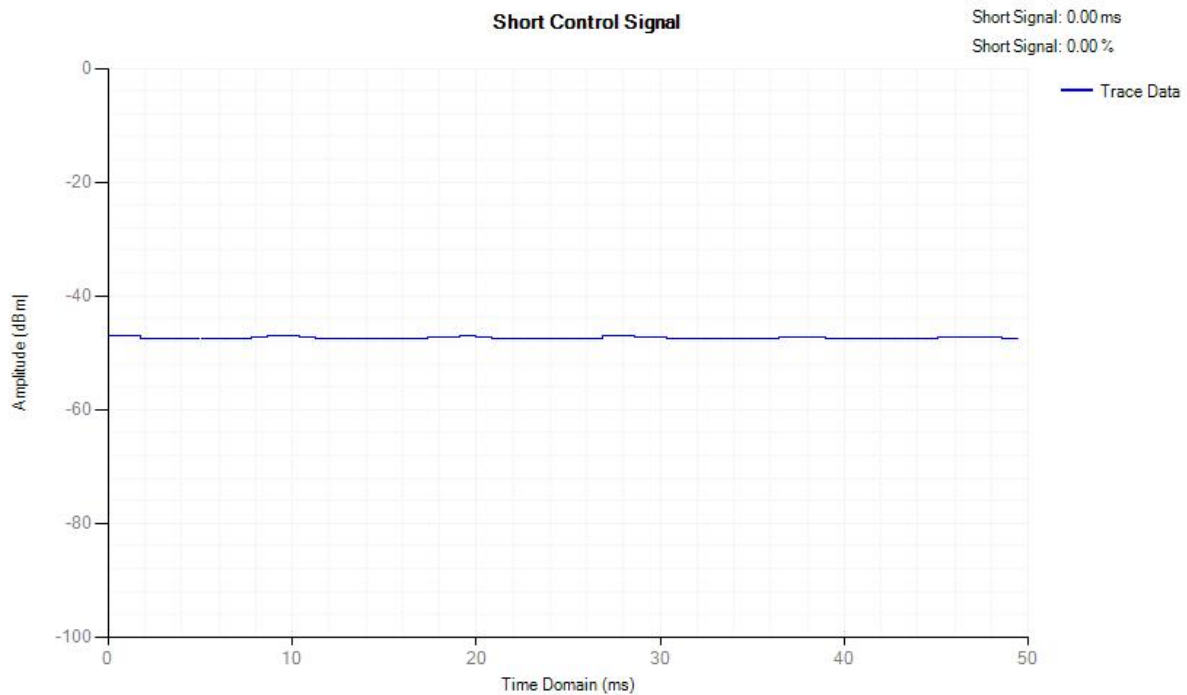


Test Graphs

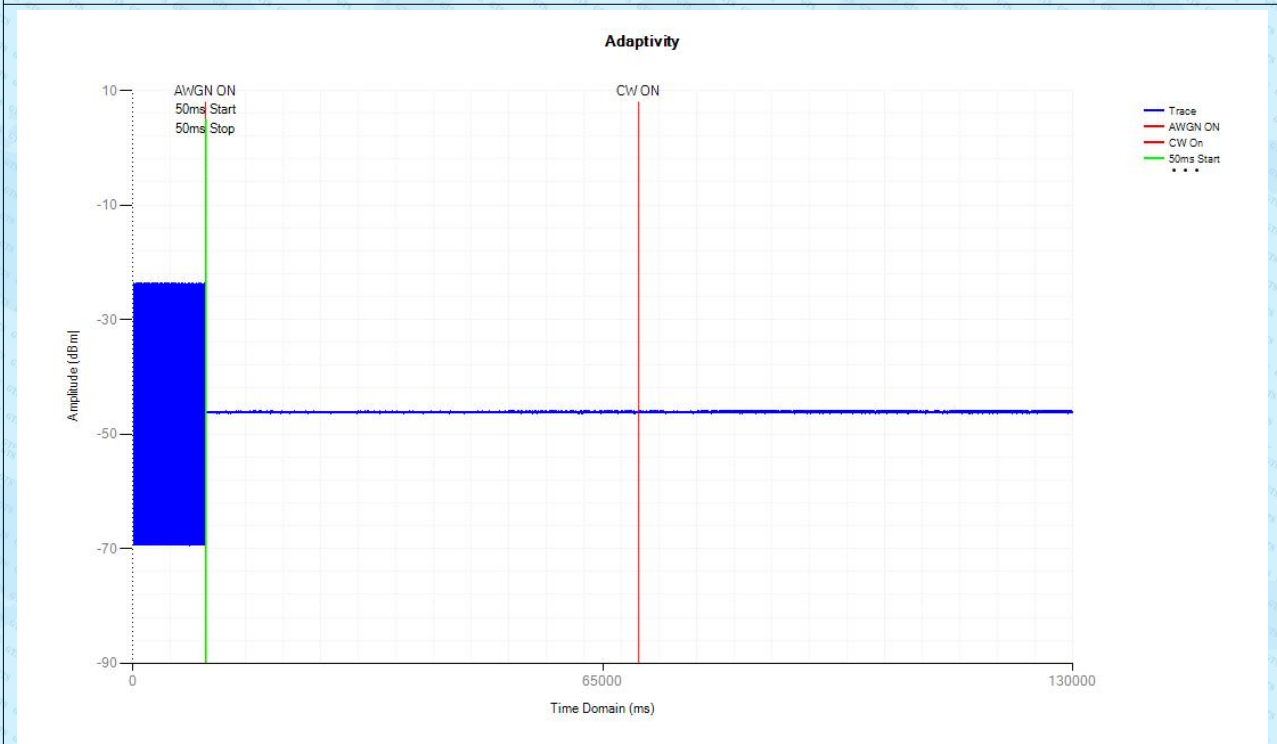
Adaptivity NVNT 2.4G SRD_20M 2411MHz



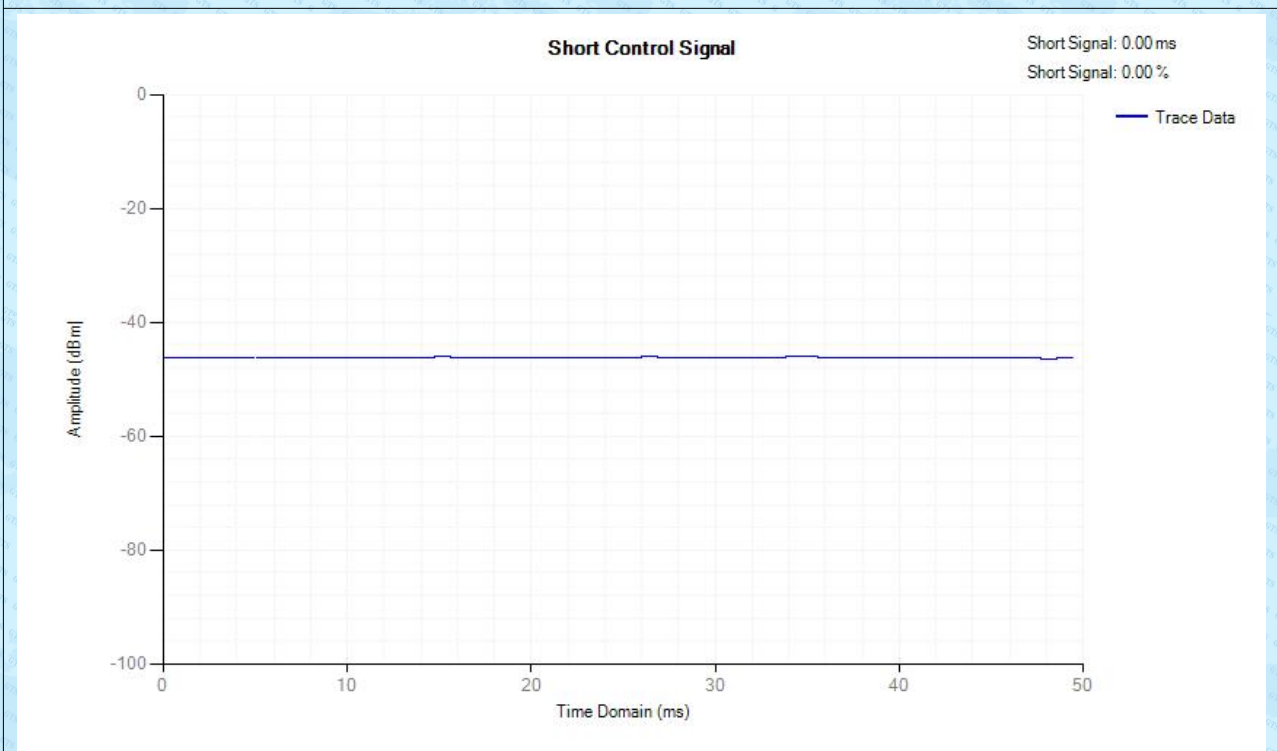
Control Signal NVNT 2.4G SRD_20M 2411MHz



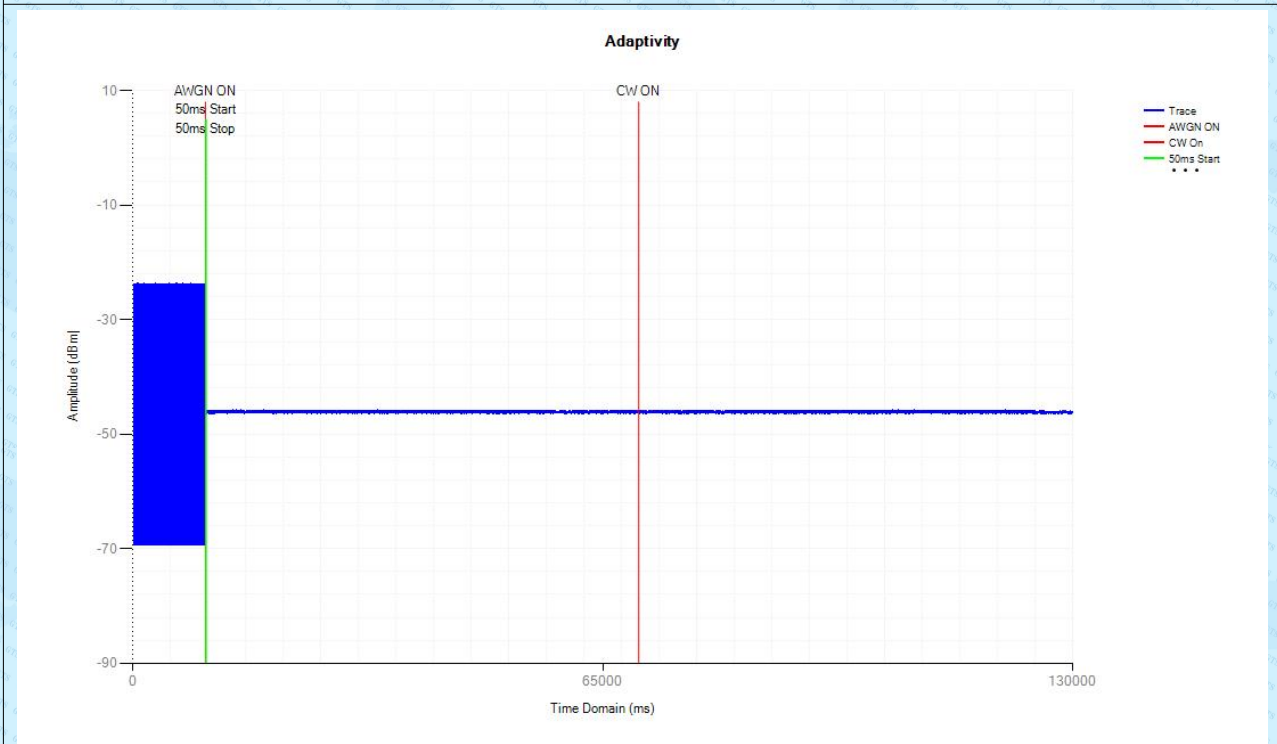
Adaptivity NVNT 2.4G SRD_20M 2411MHz



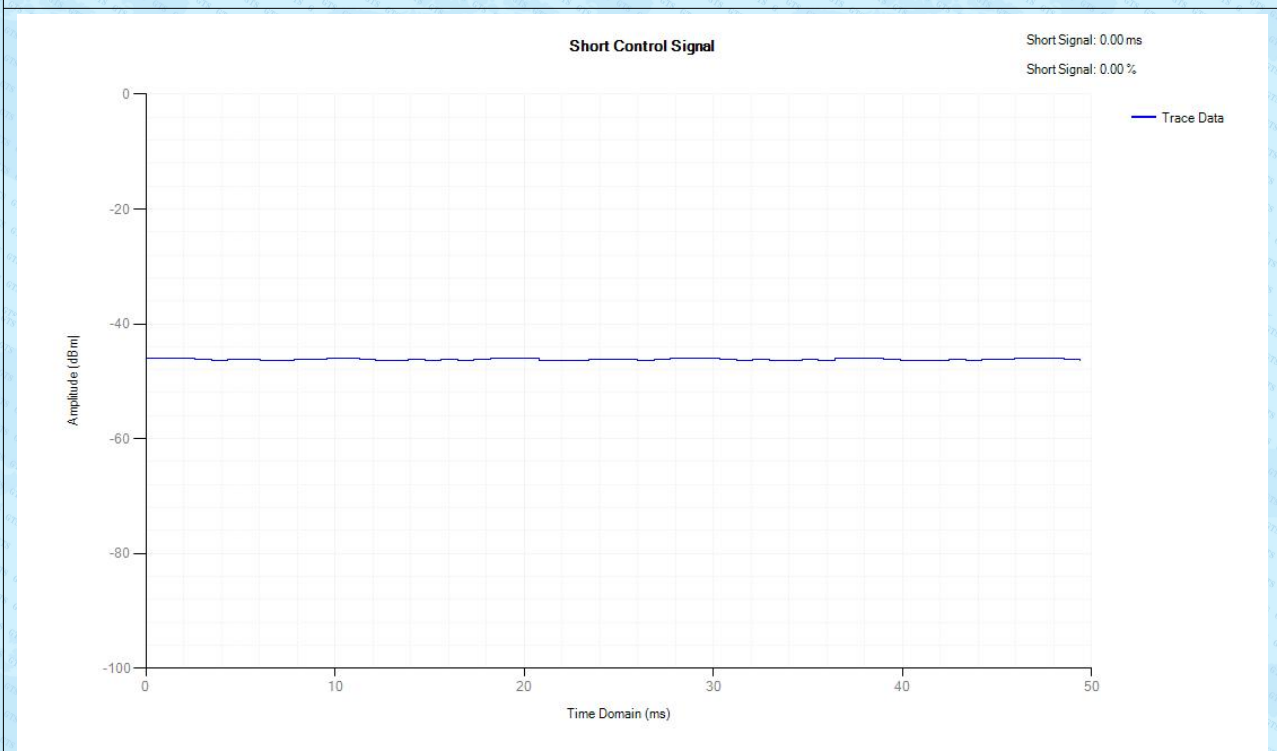
Control Signal NVNT 2.4G SRD_20M 2411MHz



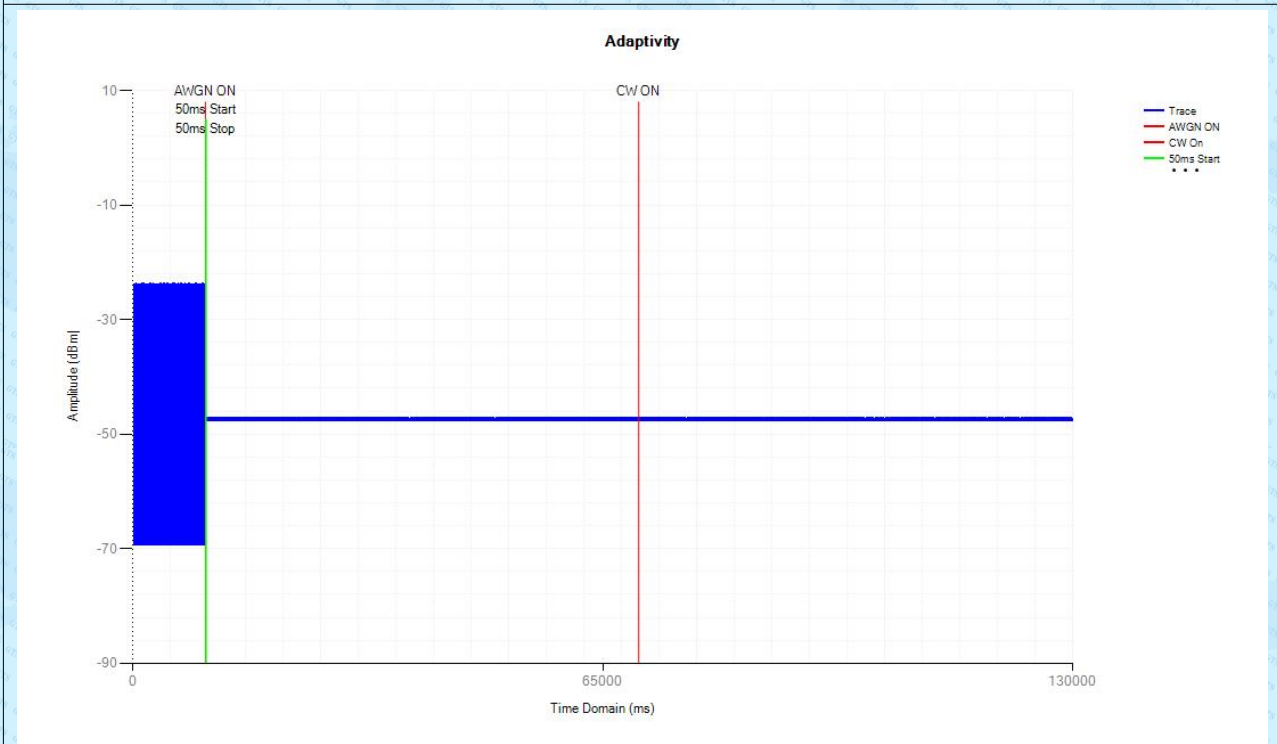
Adaptivity NVNT 2.4G SRD_20M 2411MHz



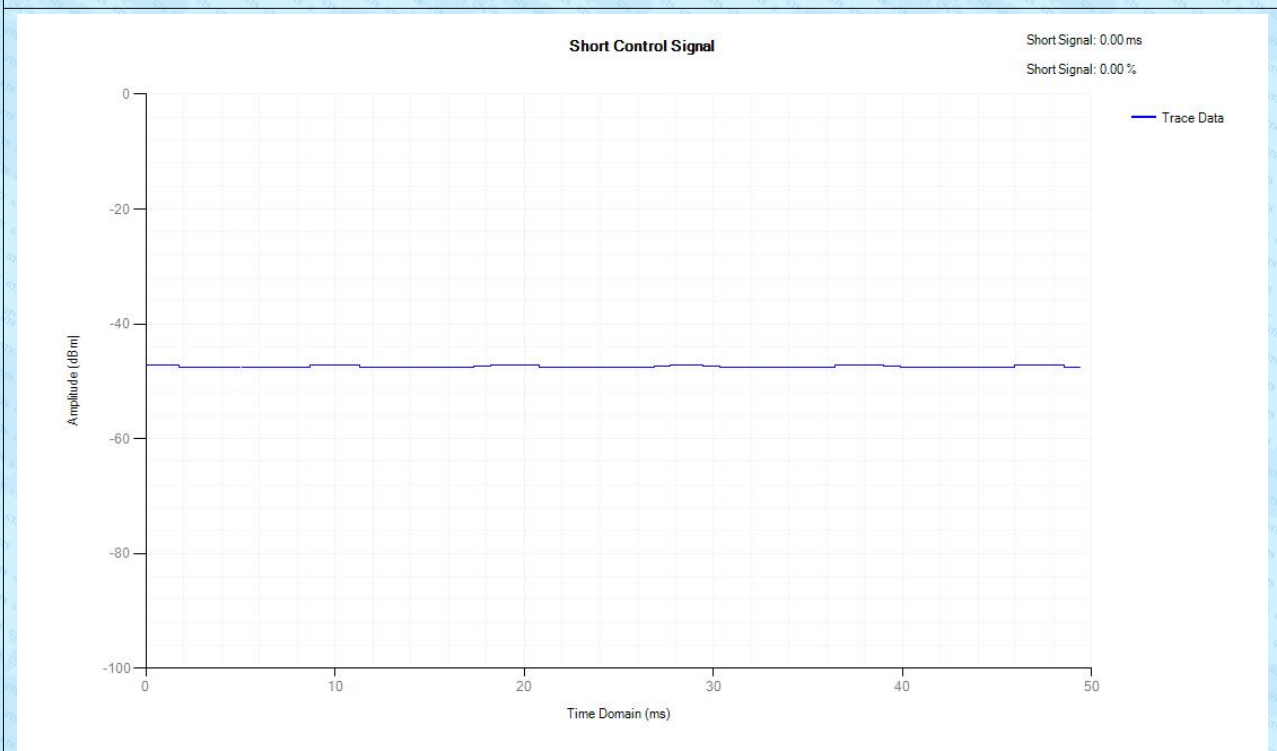
Control Signal NVNT 2.4G SRD_20M 2411MHz



Adaptivity NVNT 2.4G SRD_20M 2411MHz



Control Signal NVNT 2.4G SRD_20M 2411MHz



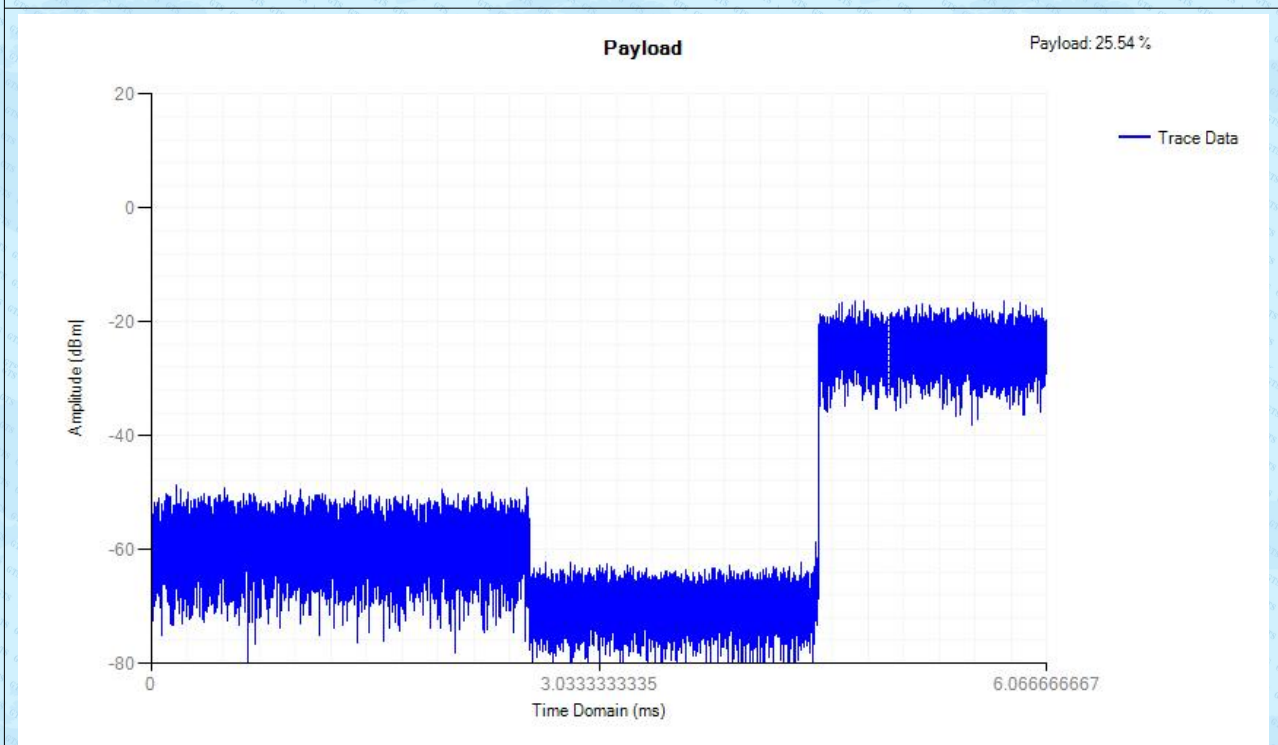
5.4.6 Adaptivity COT

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	2411	Ant1	25.54	2.8	<=13	6.53	>0.018	Pass
				13.28	2.8	<=13	6.53	>0.018	Pass
			Ant2	30.65	2.8	<=13	6.53	>0.018	Pass
				11.32	2.8	<=13	6.53	>0.018	Pass

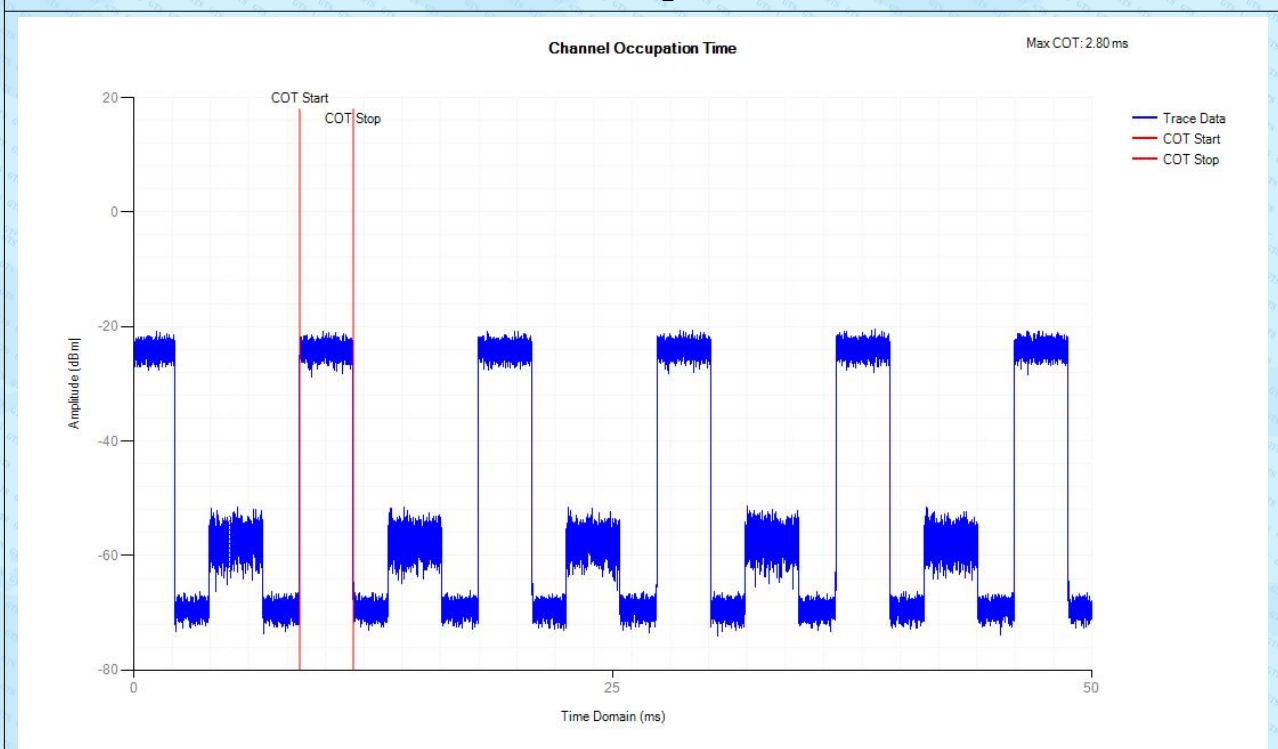
Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	17.52	2.8	<=13	6.53	>0.018	Pass
				46.16	2.8	<=13	6.53	>0.018	Pass
			Ant2	46.16	2.8	<=13	6.53	>0.018	Pass
				30.21	2.8	<=13	6.53	>0.018	Pass

Test Graphs

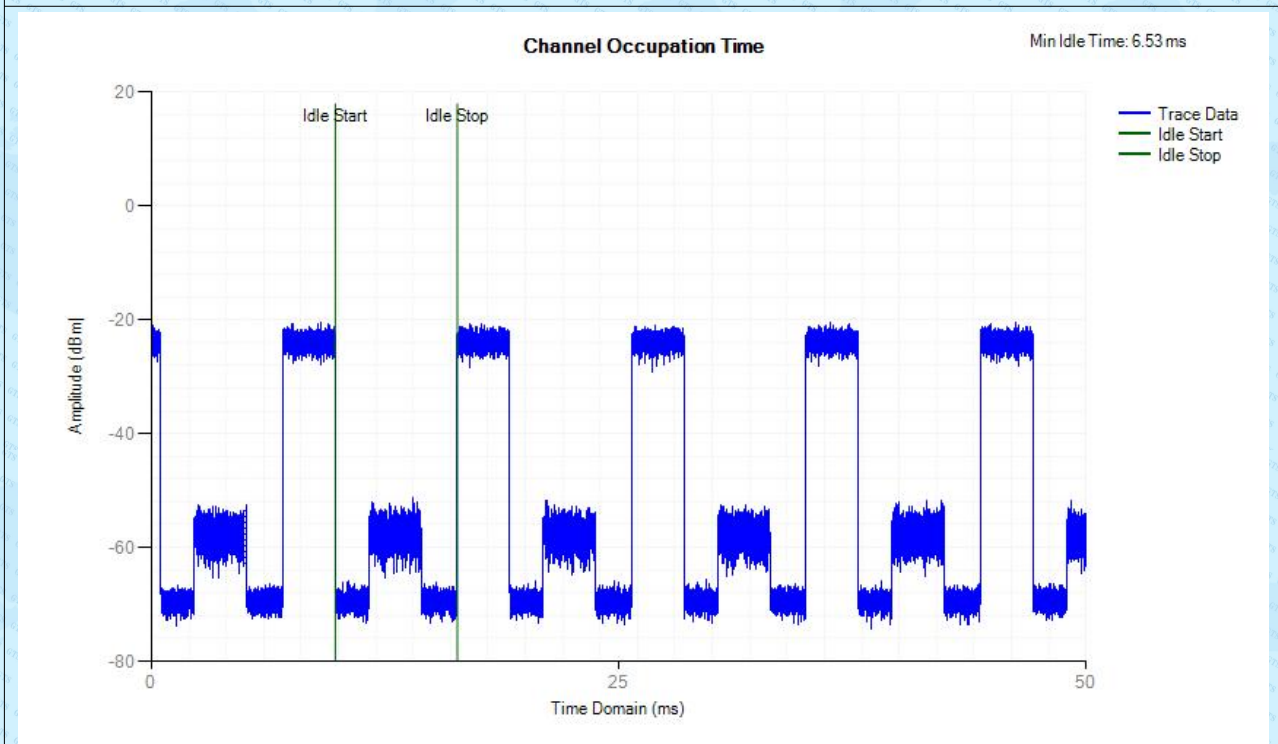
Payload NVNT 2.4G SRD_10M 2411MHz



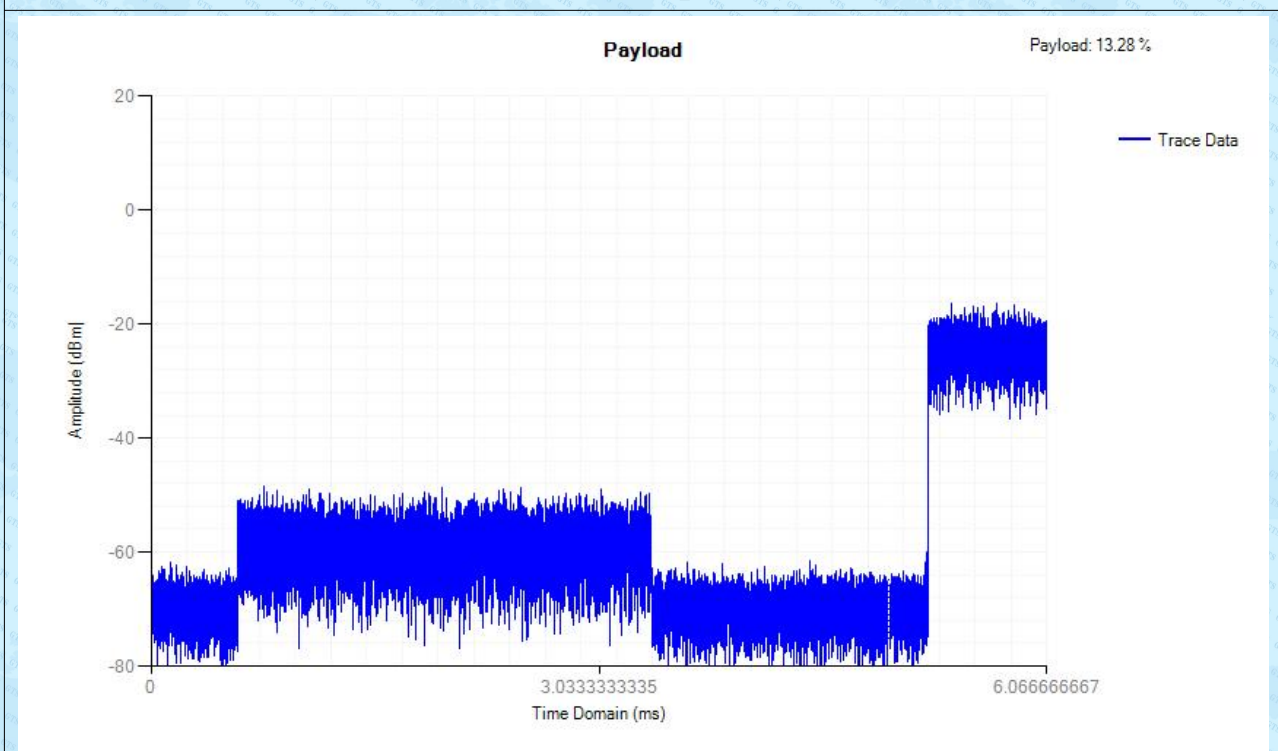
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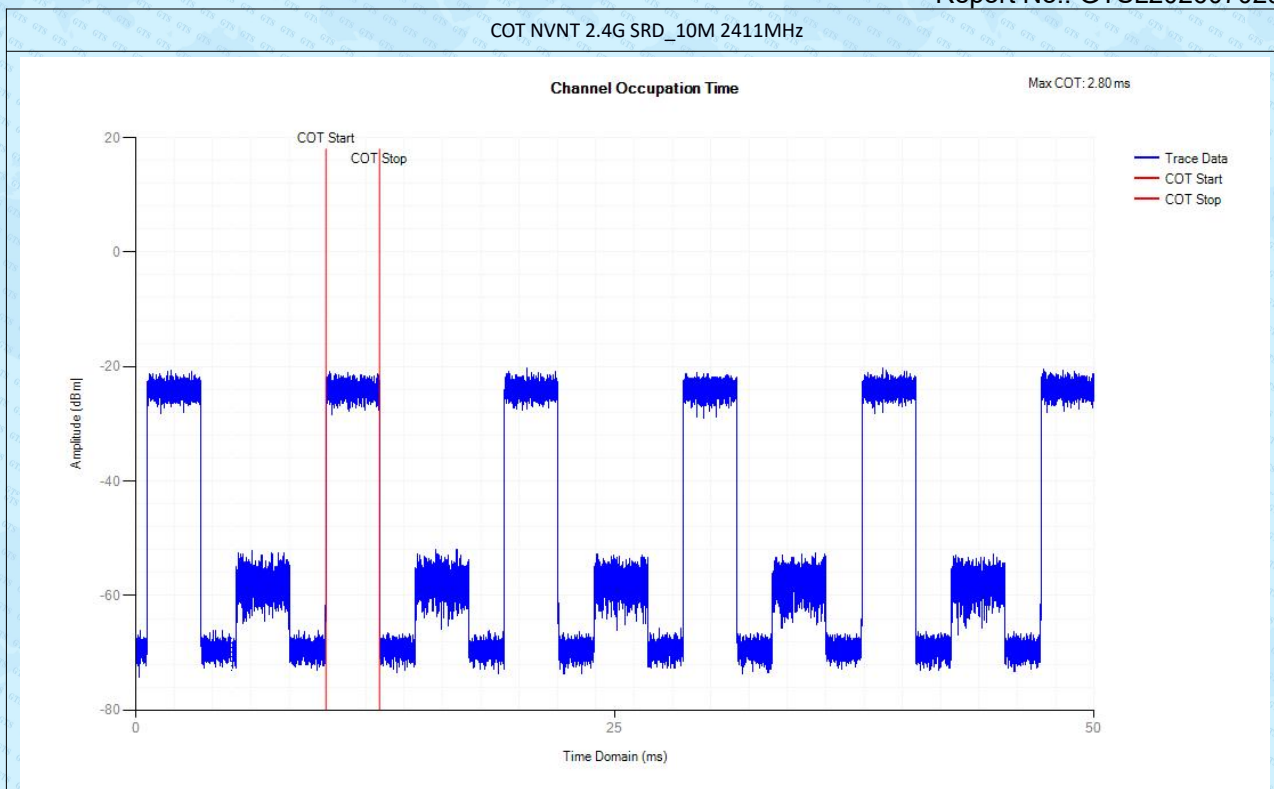
Idle NVNT 2.4G SRD_10M 2411MHz



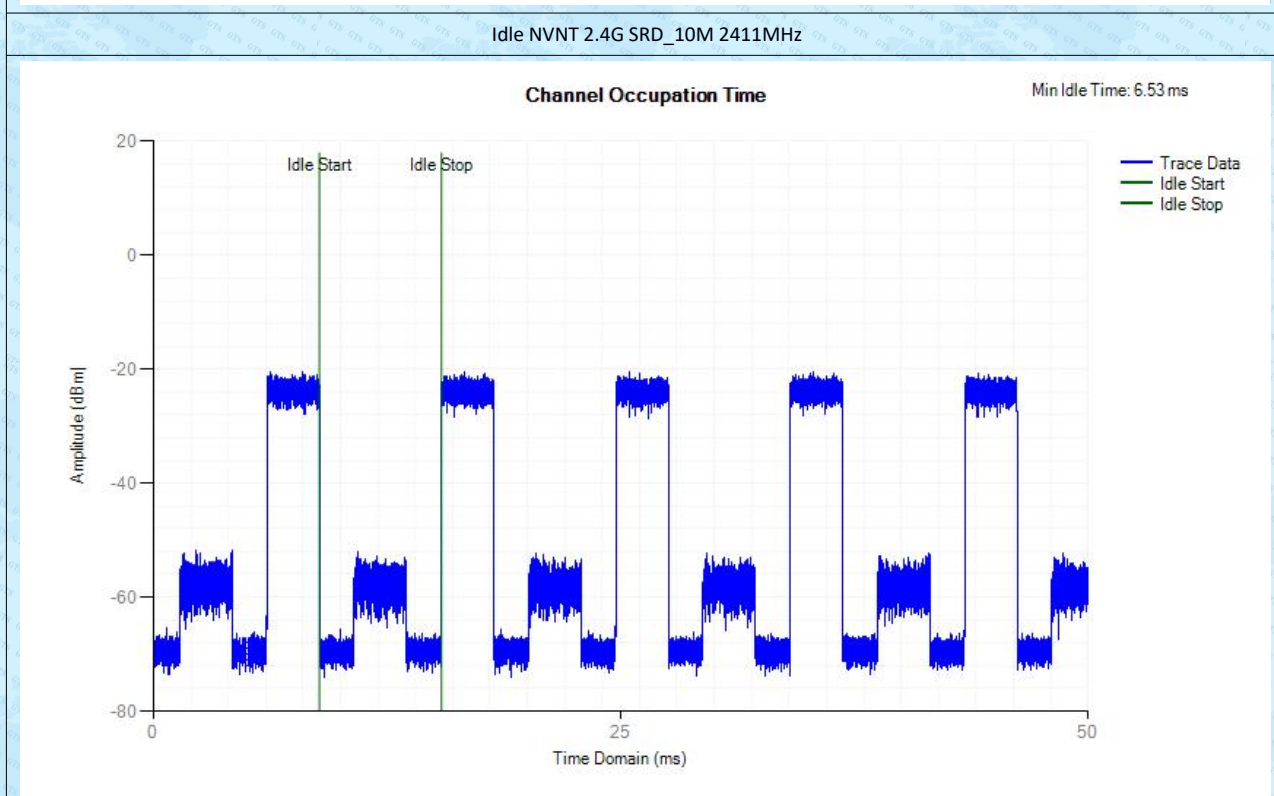
Payload NVNT 2.4G SRD_10M 2411MHz



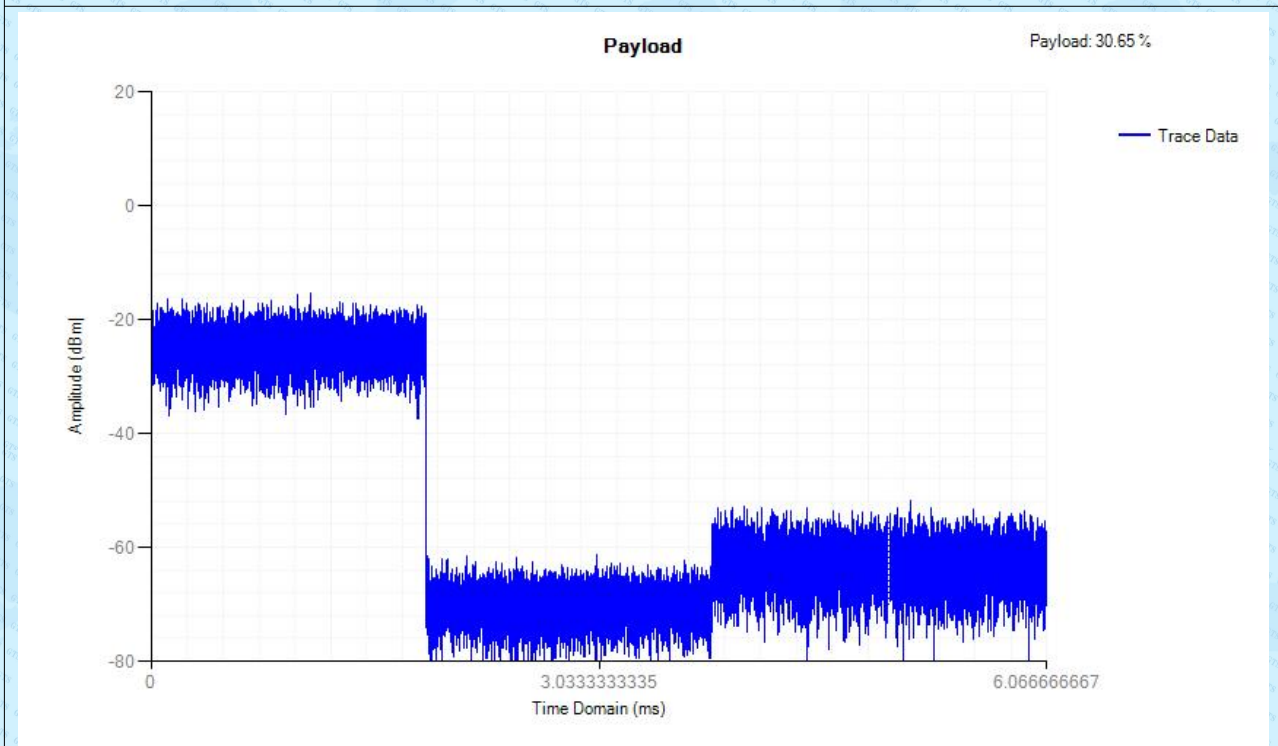
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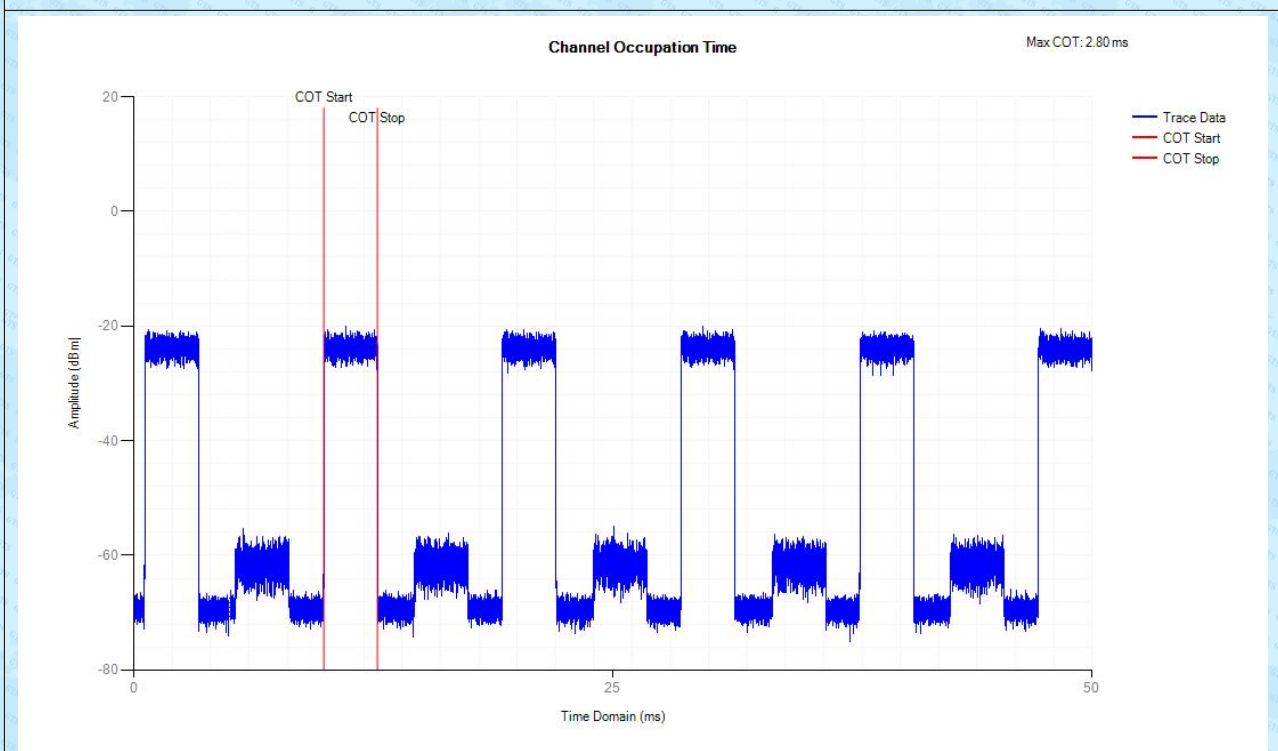
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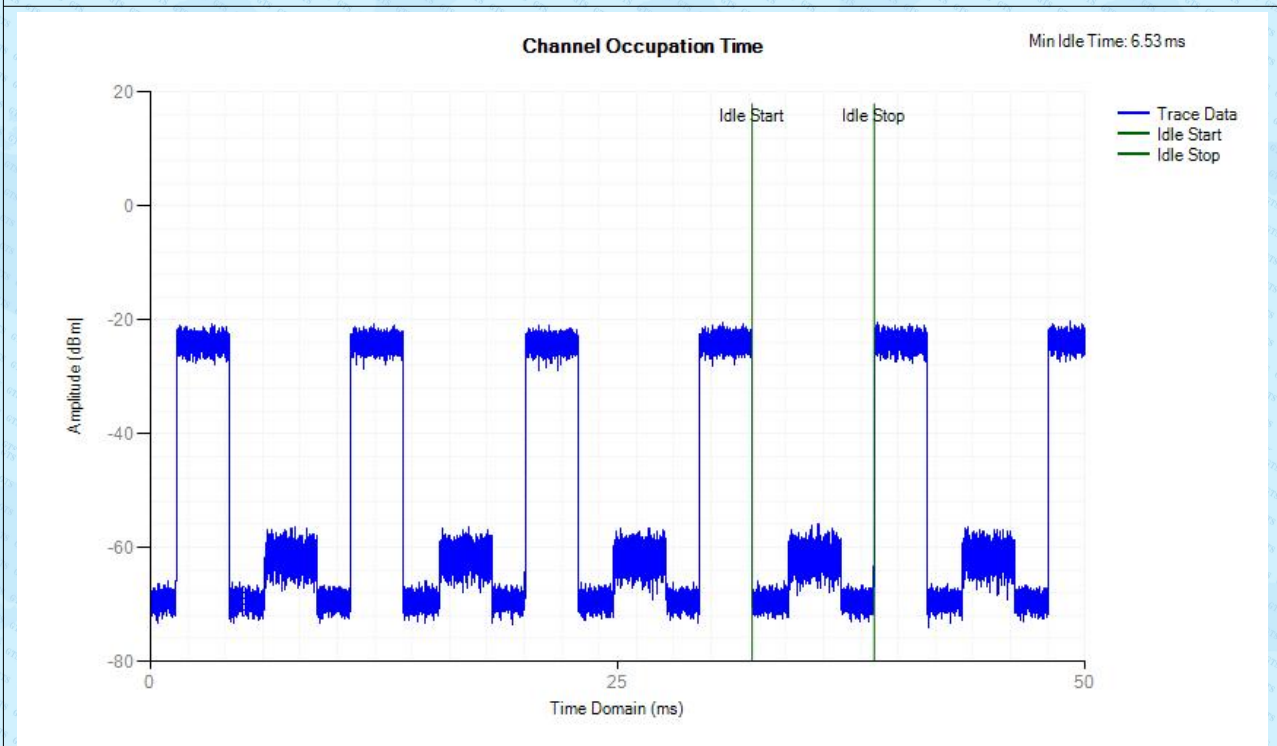
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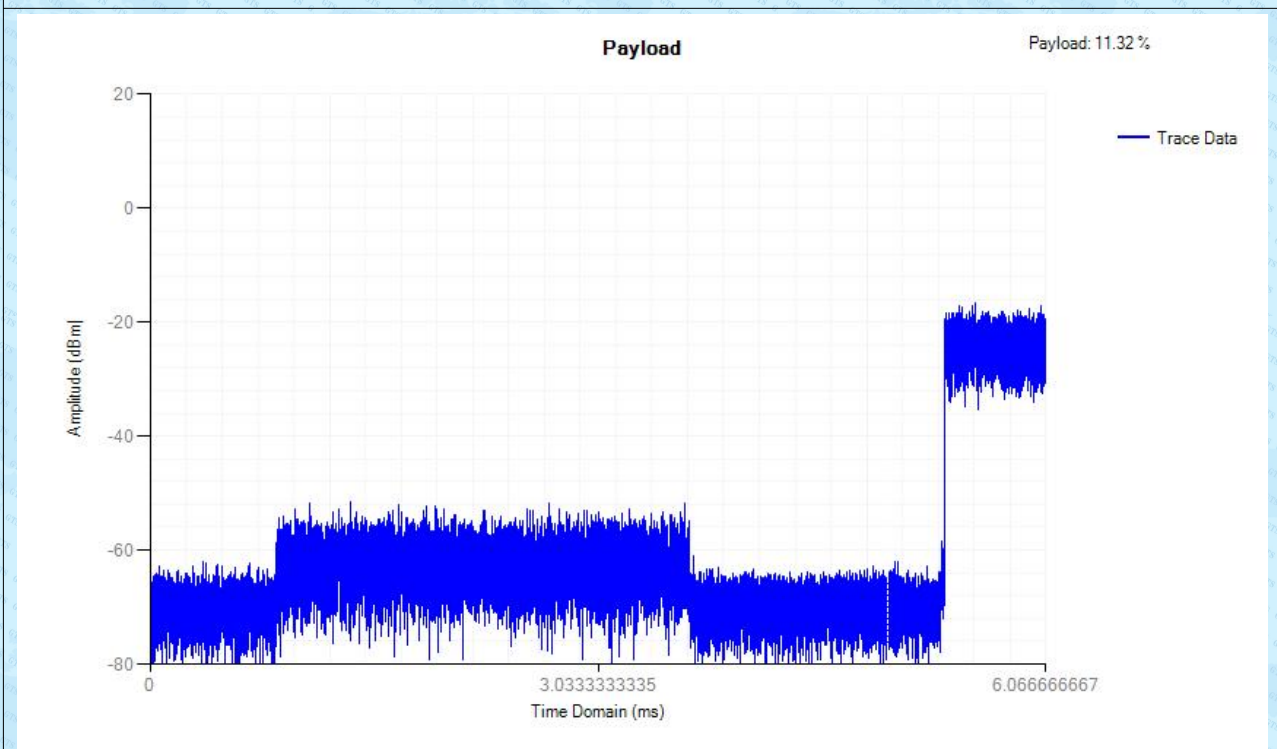
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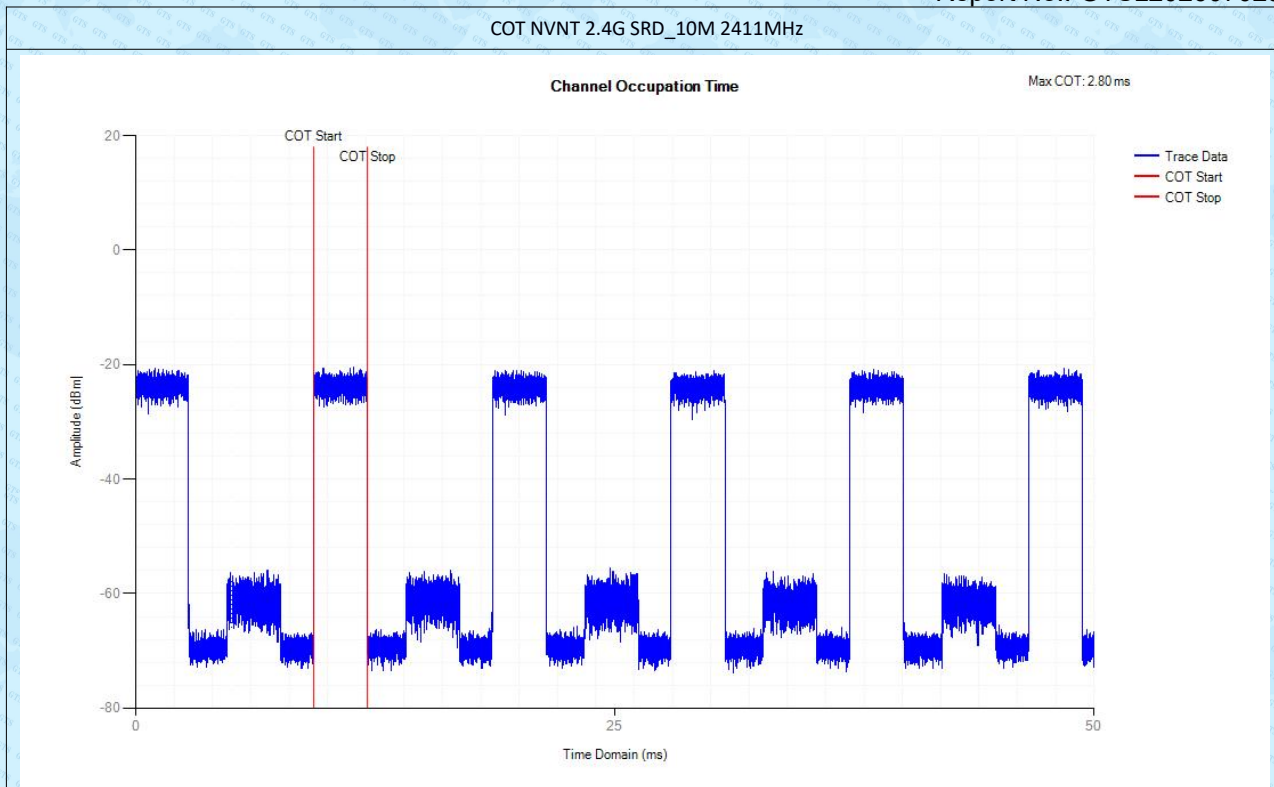
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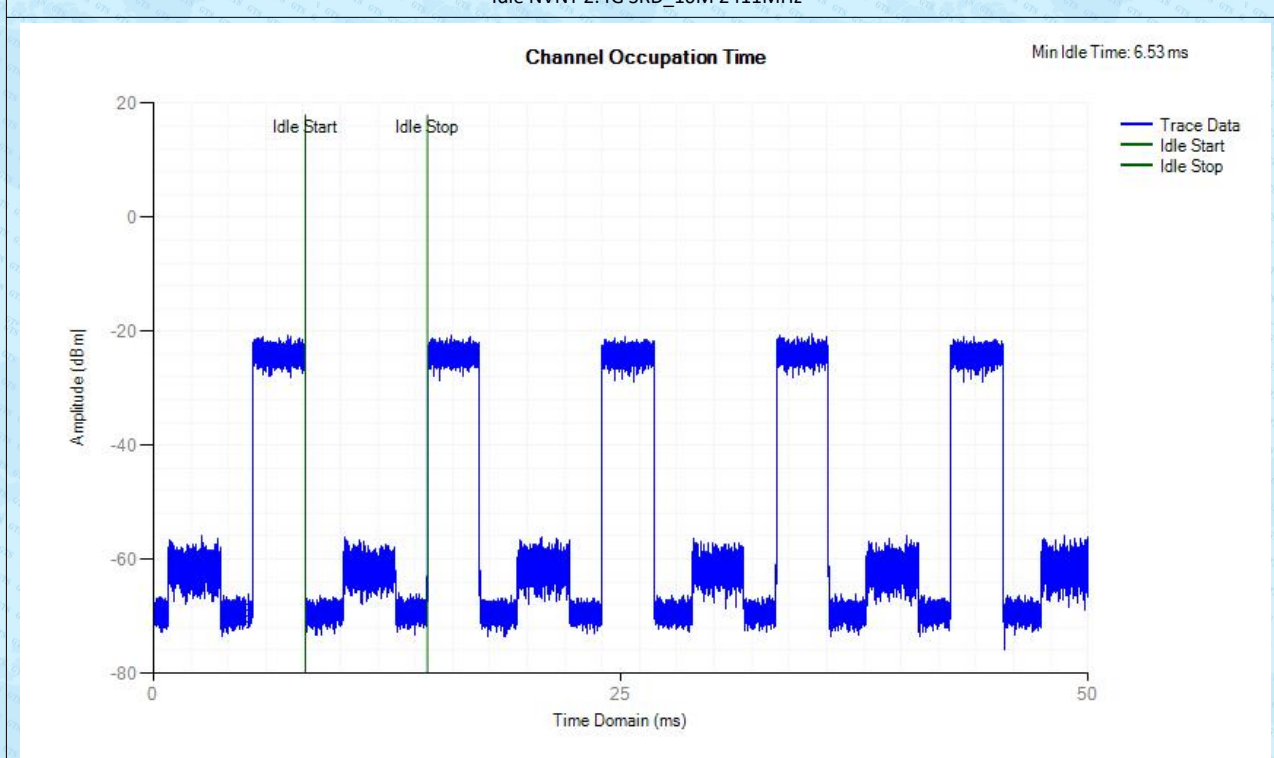
Payload NVNT 2.4G SRD_10M 2411MHz



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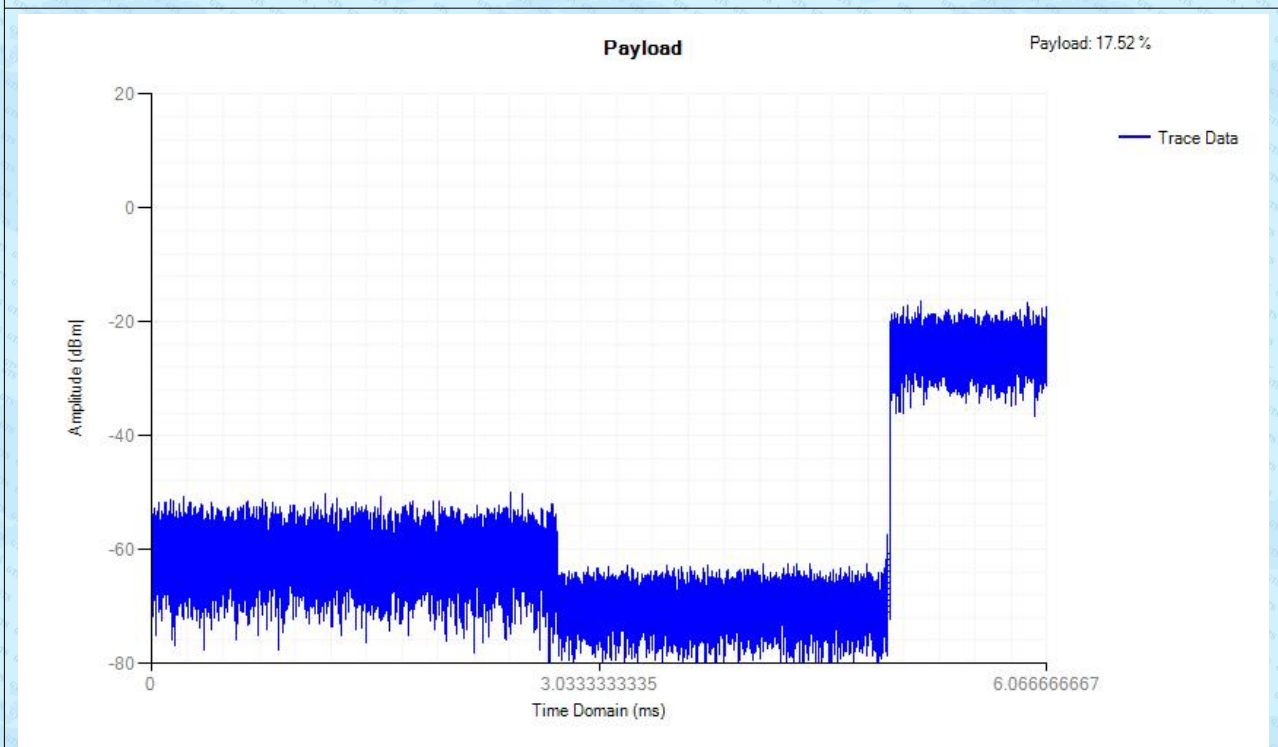


Idle NVNT 2.4G SRD_10M 2411MHz

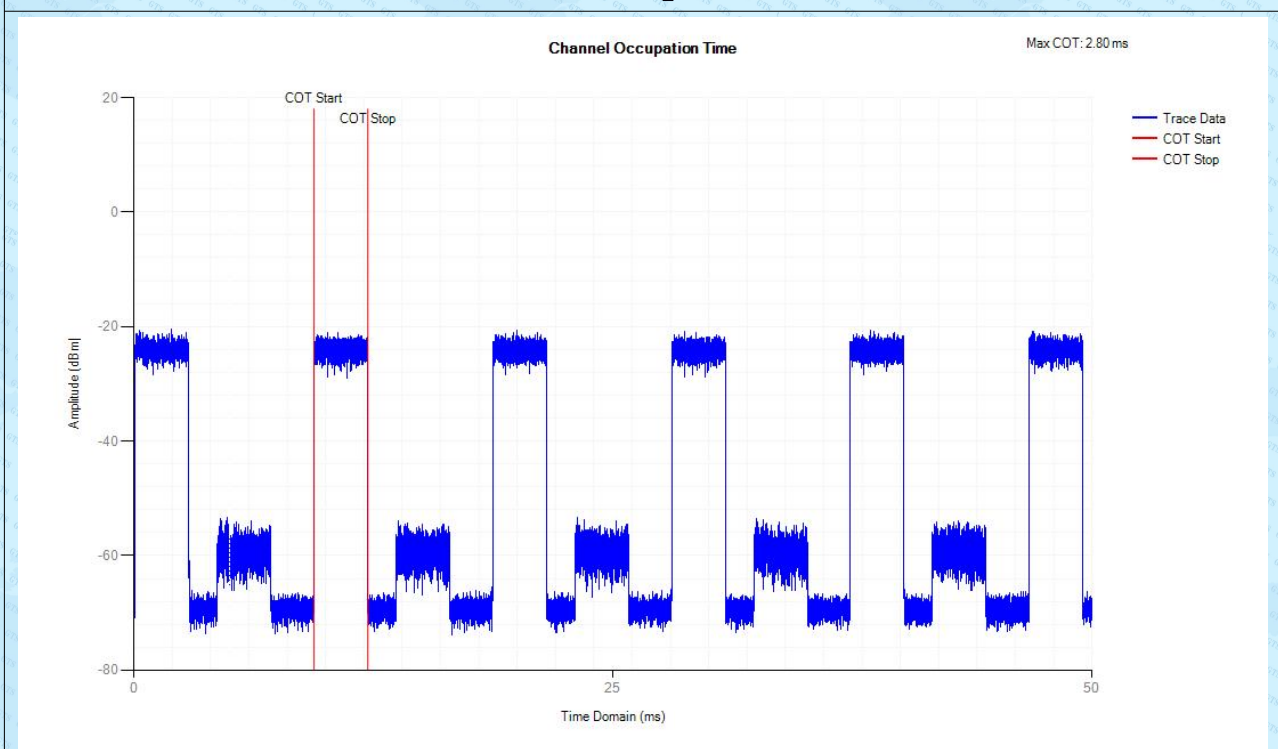


Test Graphs

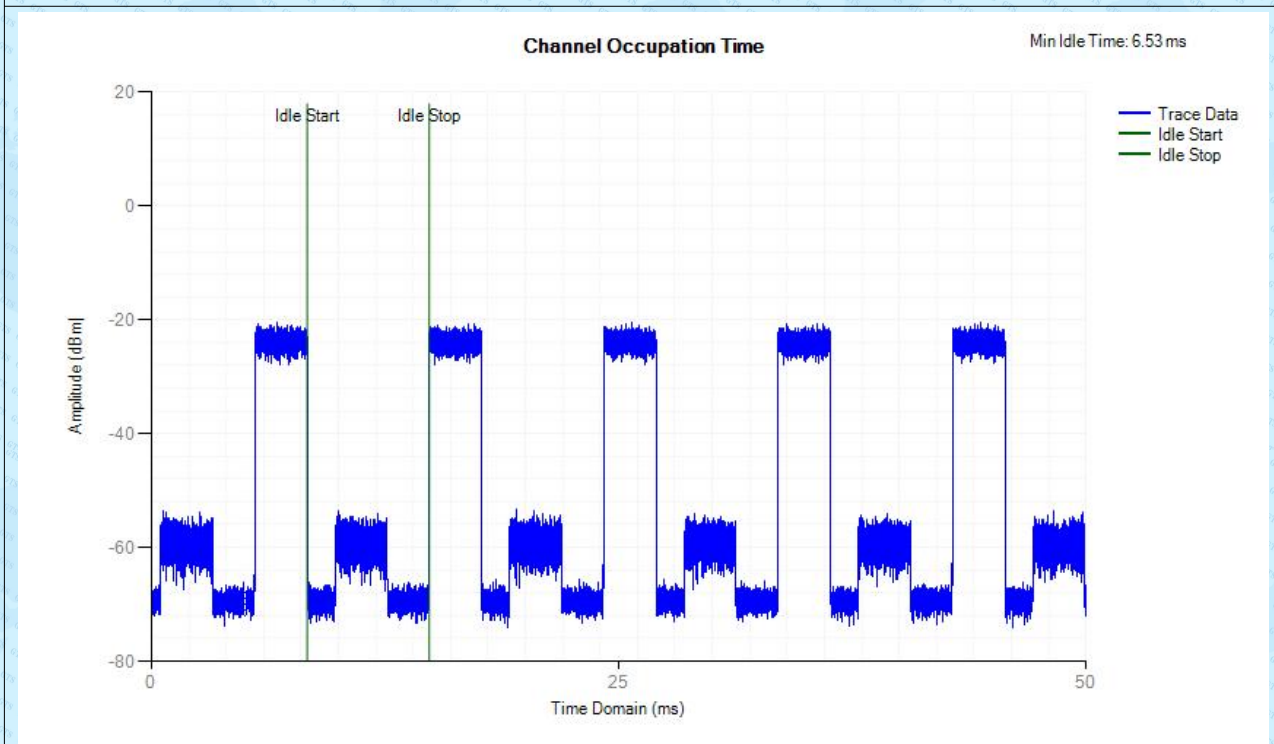
Payload NVNT 2.4G SRD_20M 2411MHz



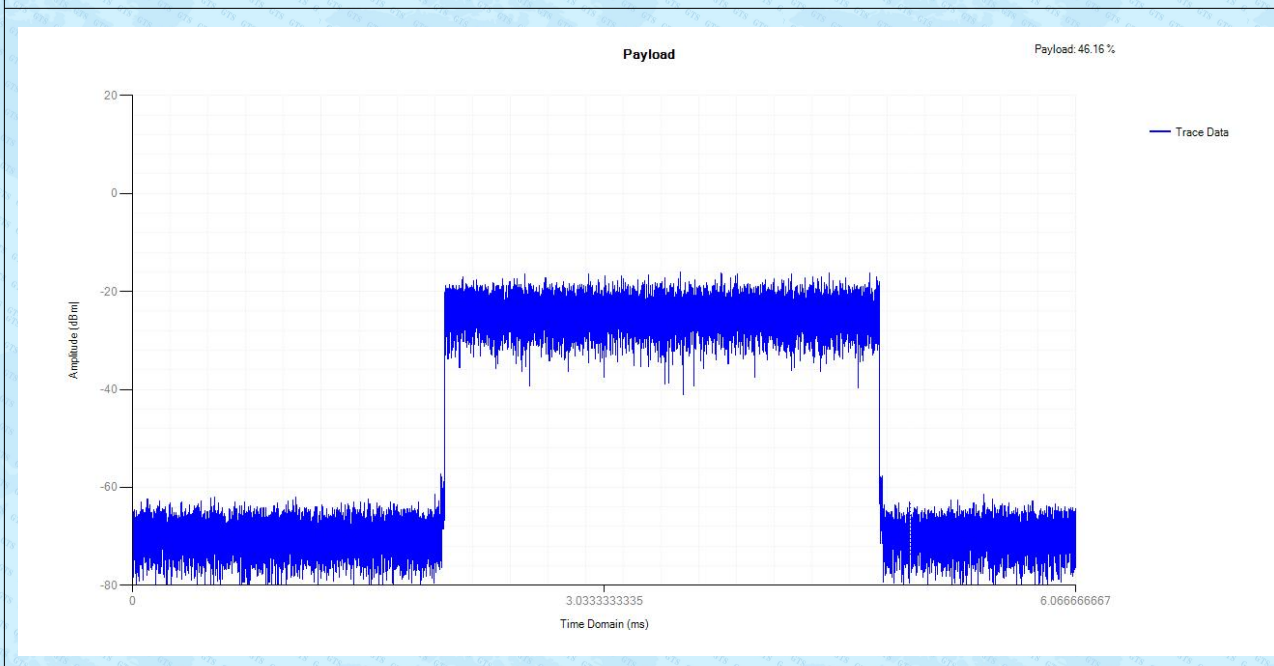
COT NVNT 2.4G SRD_20M 2411MHz



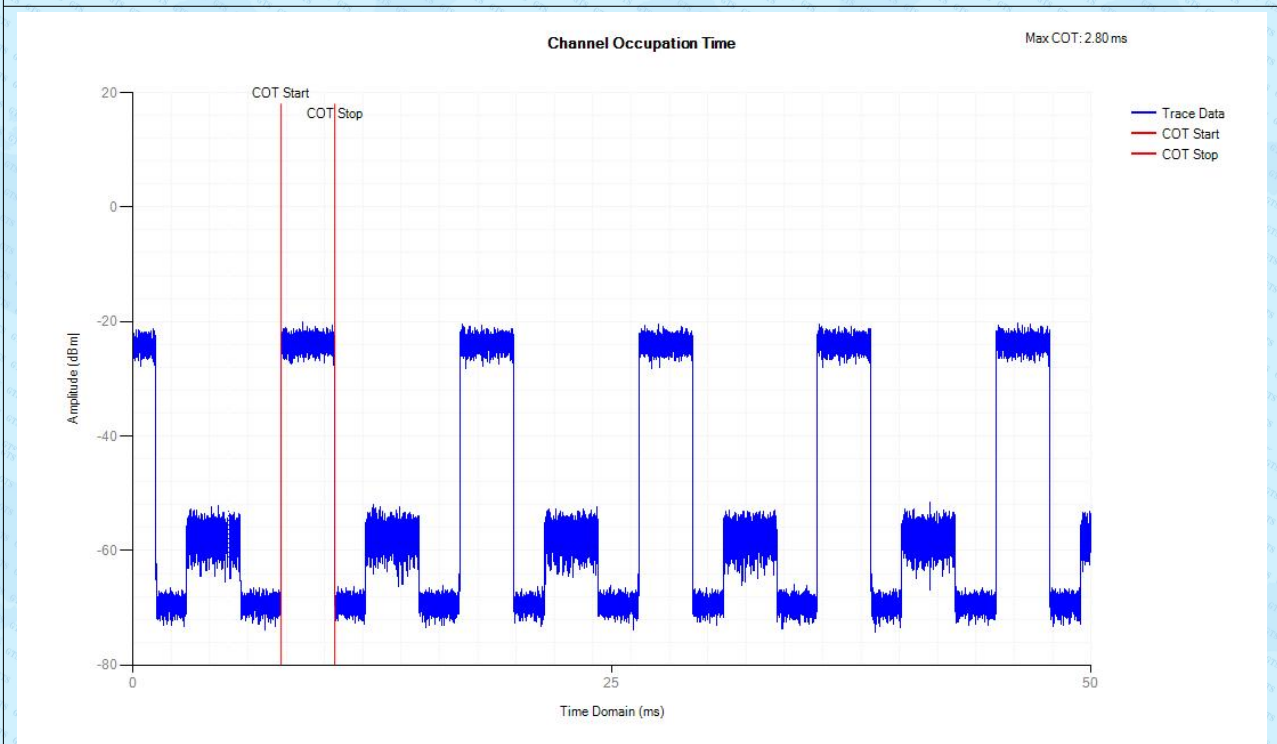
Idle NVNT 2.4G SRD_20M 2411MHz



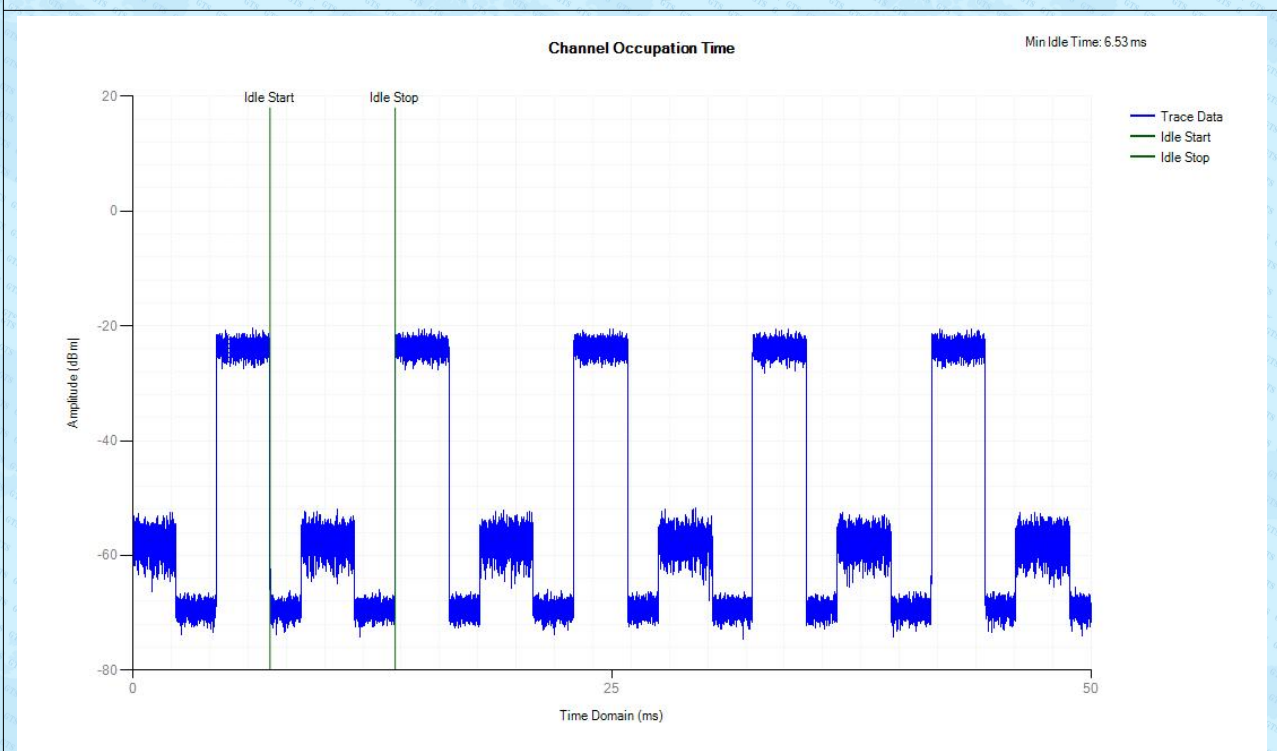
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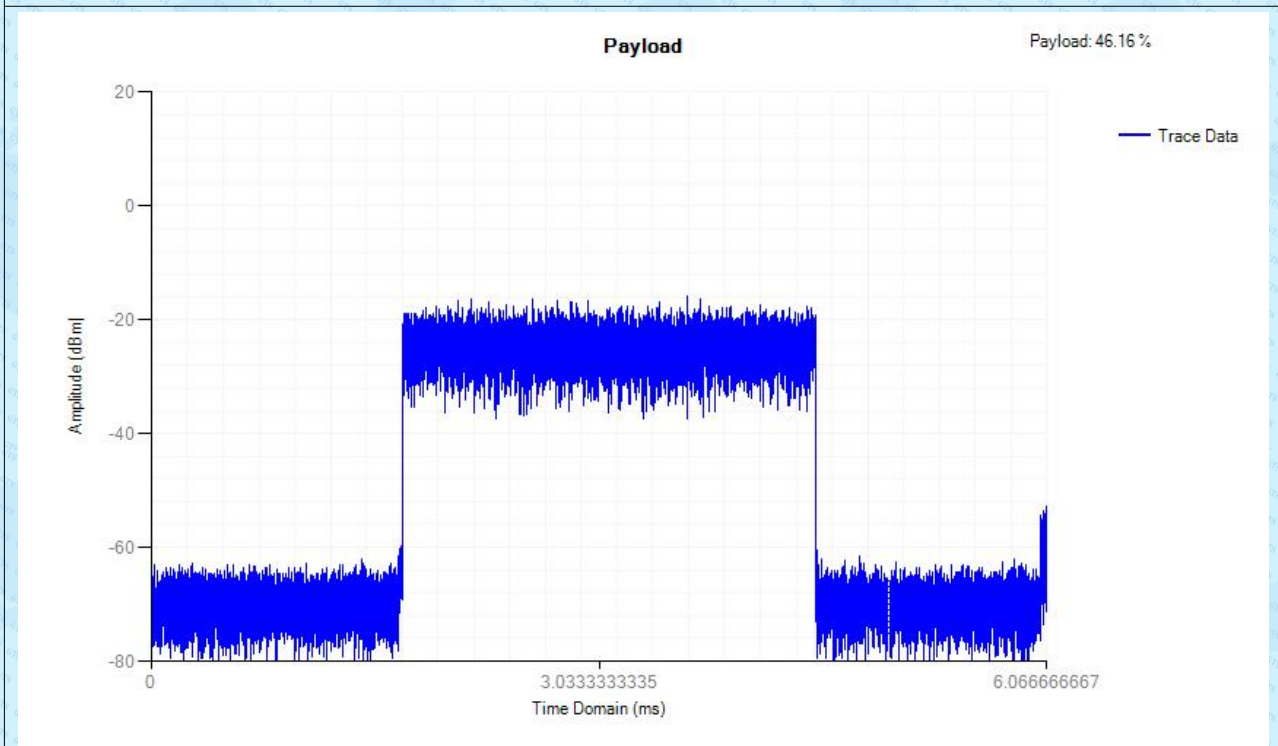
COT NVNT 2.4G SRD_20M 2411MHz



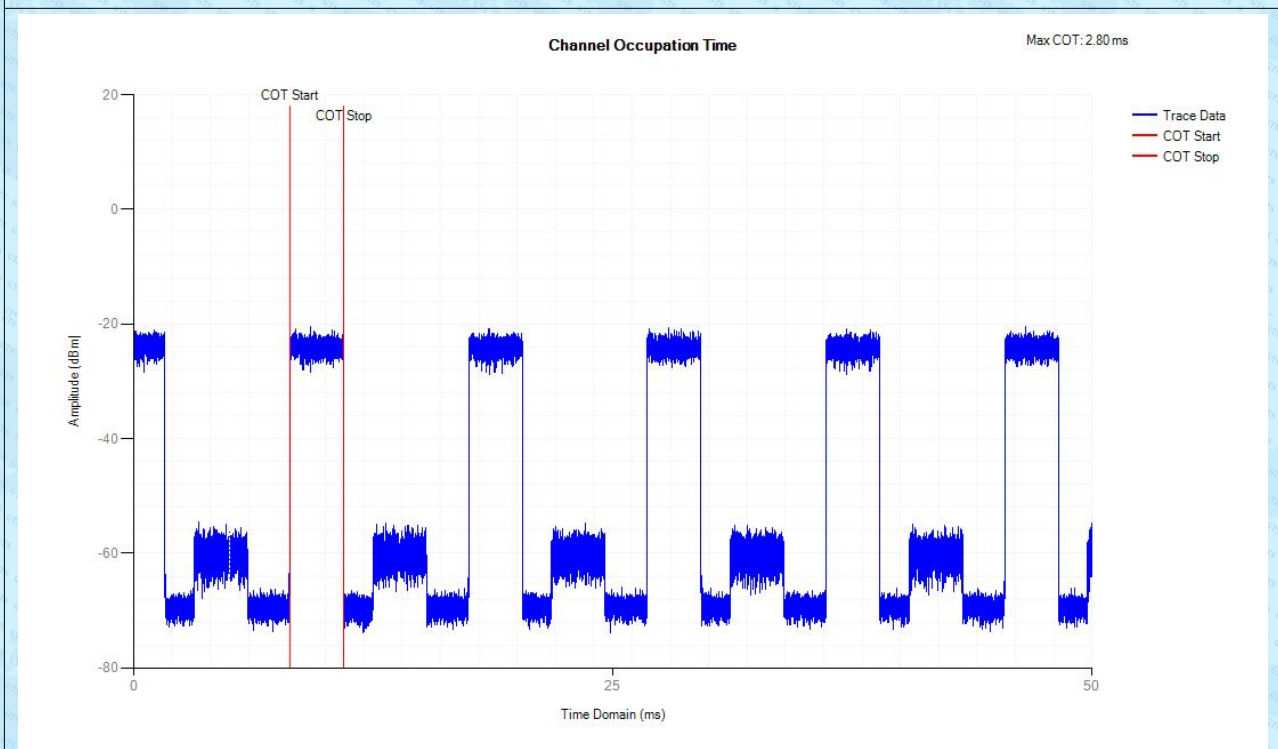
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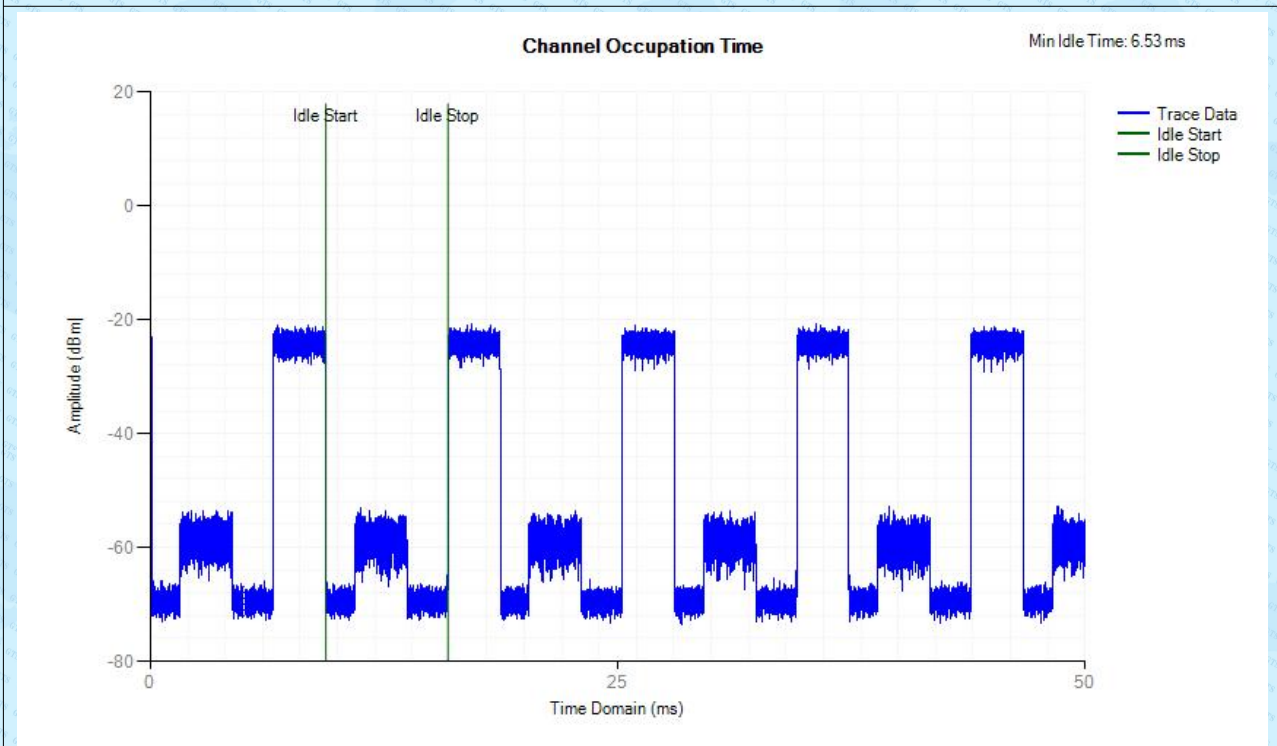
Payload NVNT 2.4G SRD_20M 2411MHz



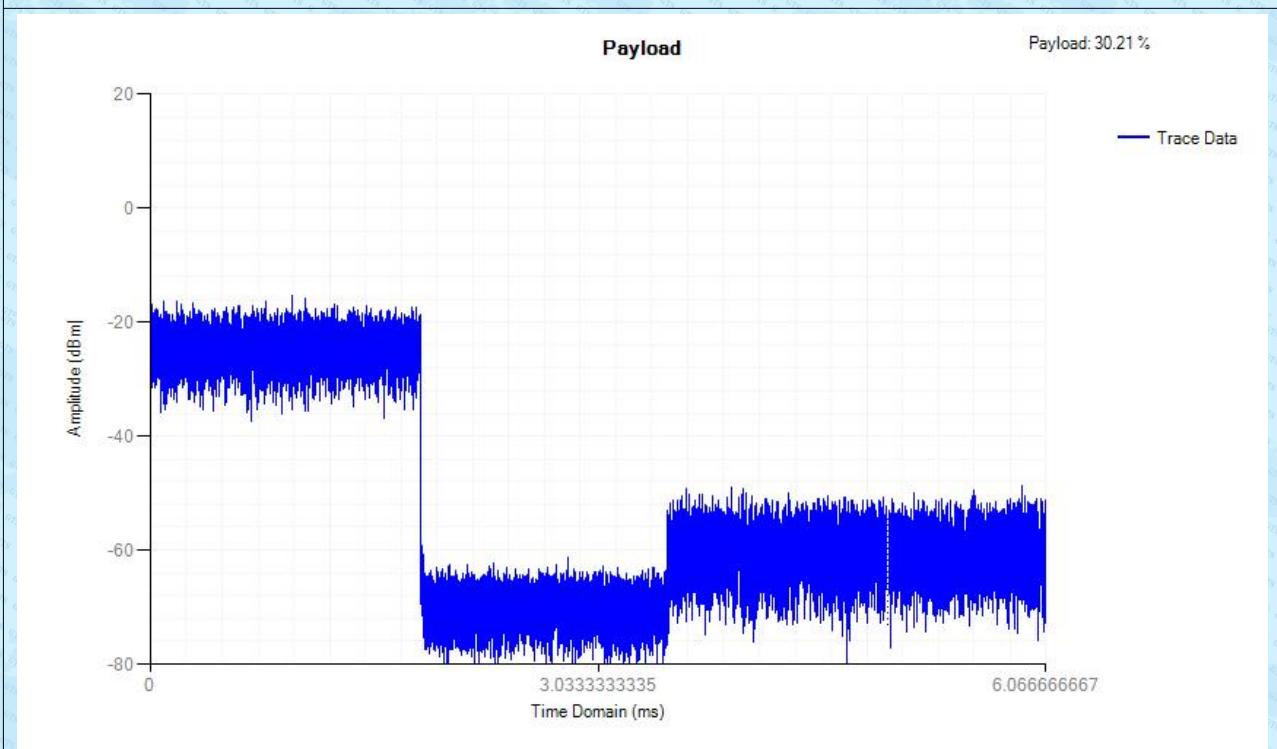
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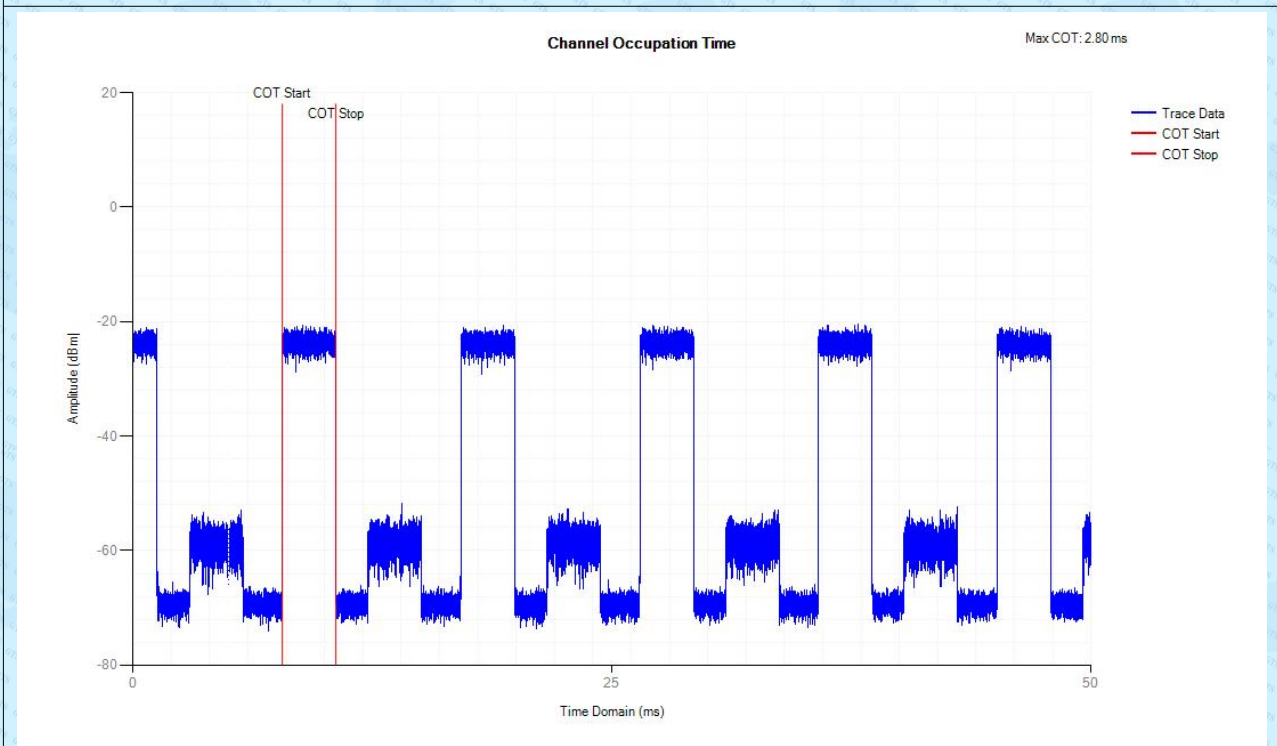
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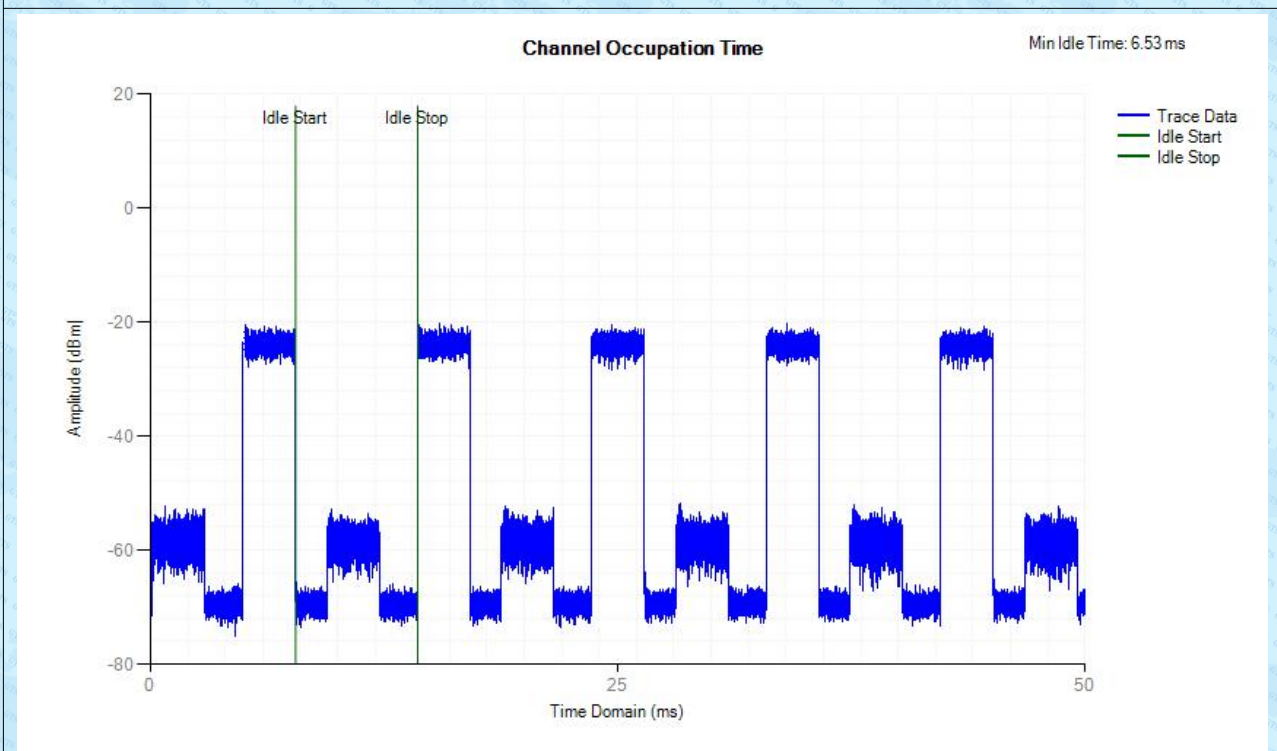
Payload NVNT 2.4G SRD_20M 2411MHz



COT NVNT 2.4G SRD_20M 2411MHz



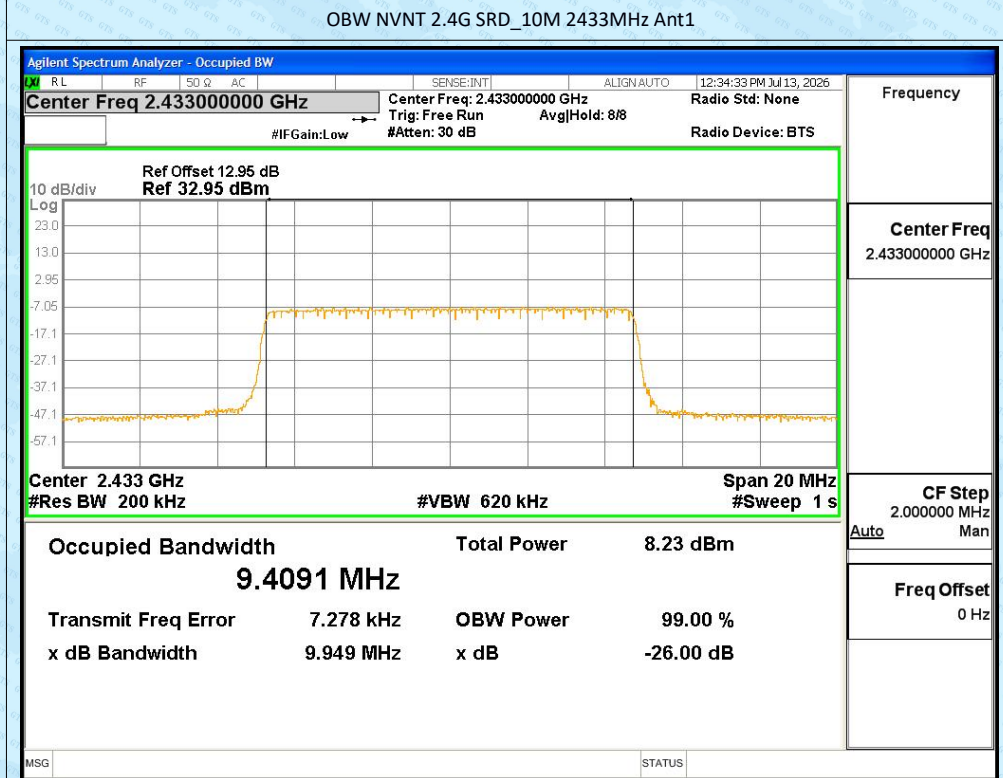
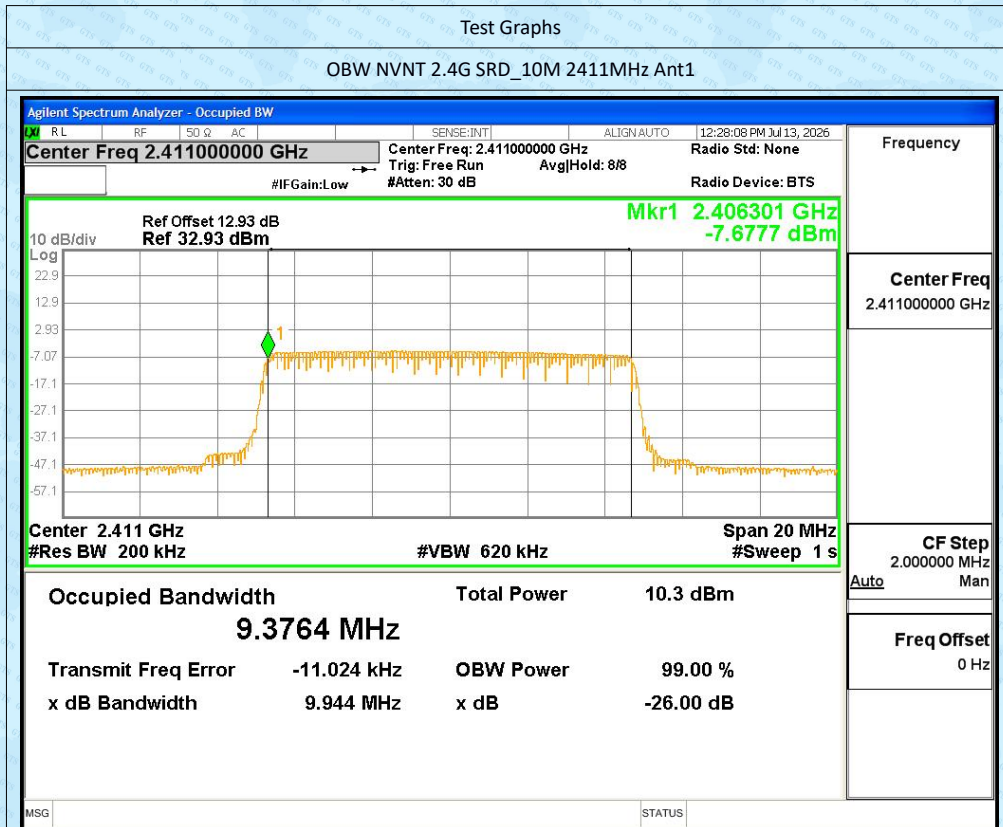
Idle NVNT 2.4G SRD_20M 2411MHz



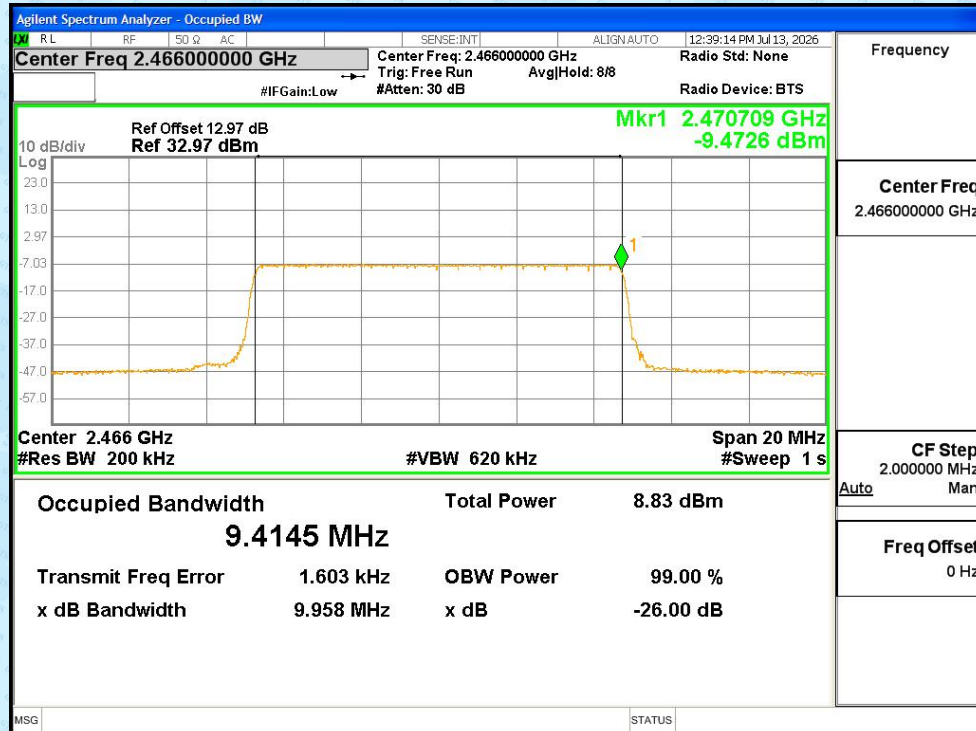
5.4.7 Occupied Channel Bandwidth

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	2410.989	9.376	2406.301	2415.677	2400 - 2483.5MHz	Pass
		2433		2433.007	9.409	2428.303	2437.712	2400 - 2483.5MHz	Pass
		2466		2466.002	9.415	2461.294	2470.709	2400 - 2483.5MHz	Pass
		2411	Ant2	2410.996	9.383	2406.304	2415.687	2400 - 2483.5MHz	Pass
		2433		2433.012	9.41	2428.306	2437.717	2400 - 2483.5MHz	Pass
		2466		2466.002	9.41	2461.297	2470.707	2400 - 2483.5MHz	Pass

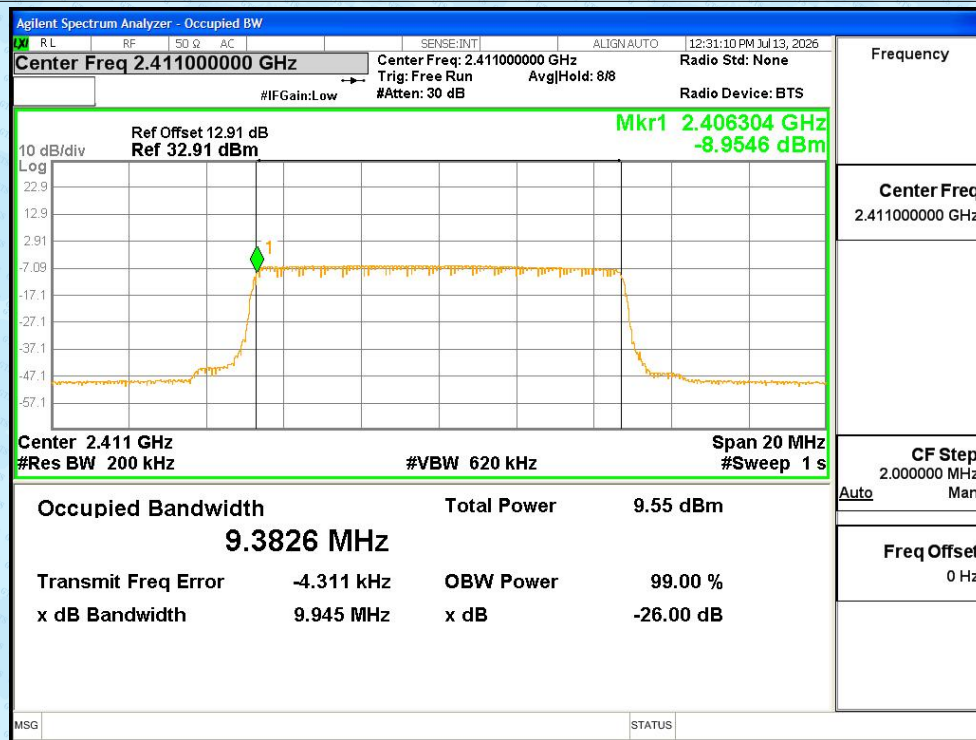
Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	2410.965	18.733	2401.599	2420.332	2400 - 2483.5MHz	Pass
		2433		2433.023	18.842	2423.602	2442.444	2400 - 2483.5MHz	Pass
		2466		2466	18.908	2456.546	2475.453	2400 - 2483.5MHz	Pass
		2411	Ant2	2410.982	18.78	2401.592	2420.372	2400 - 2483.5MHz	Pass
		2433		2433.032	18.898	2423.583	2442.481	2400 - 2483.5MHz	Pass
		2466		2466.011	18.872	2456.575	2475.447	2400 - 2483.5MHz	Pass



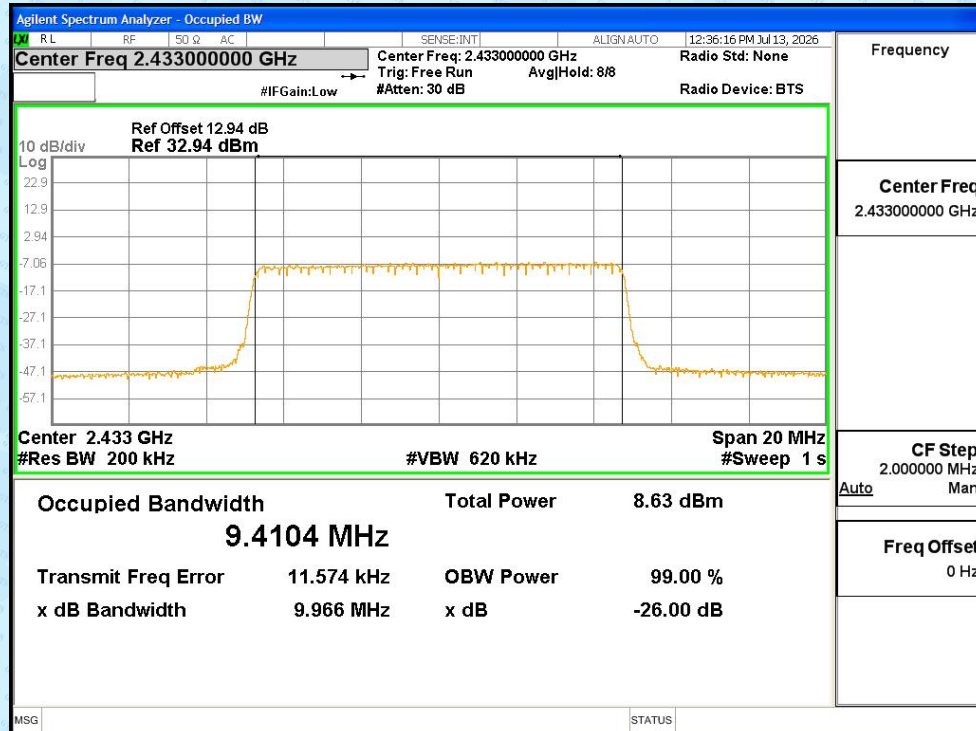
OBW NVNT 2.4G SRD_10M 2466MHz Ant1



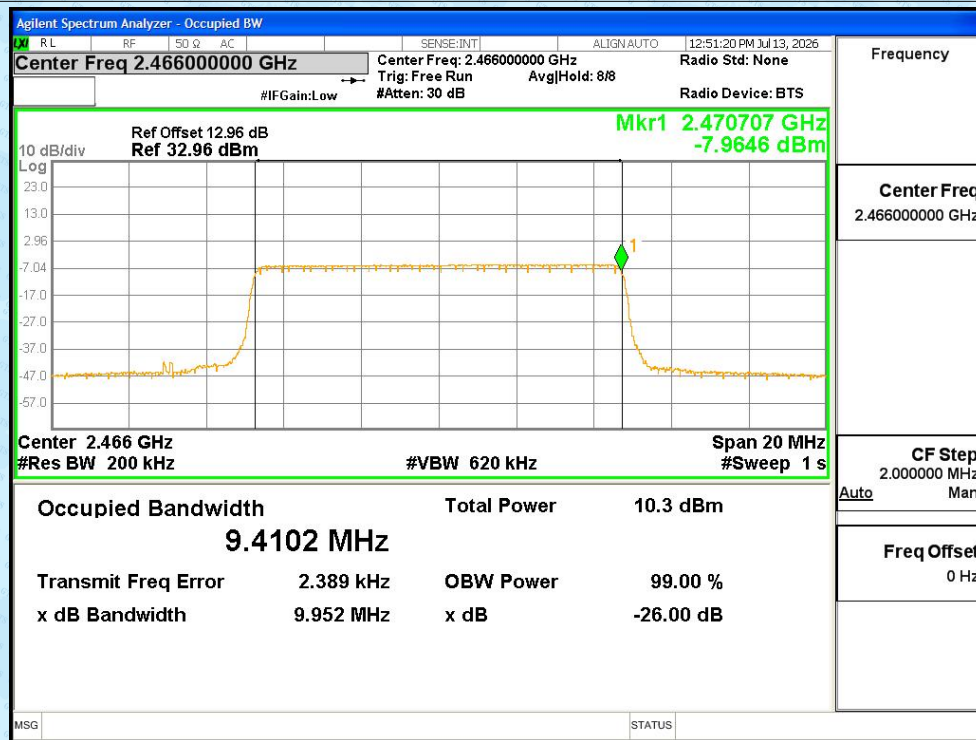
OBW NVNT 2.4G SRD_10M 2411MHz Ant2



OBW NVNT 2.4G SRD_10M 2433MHz Ant2

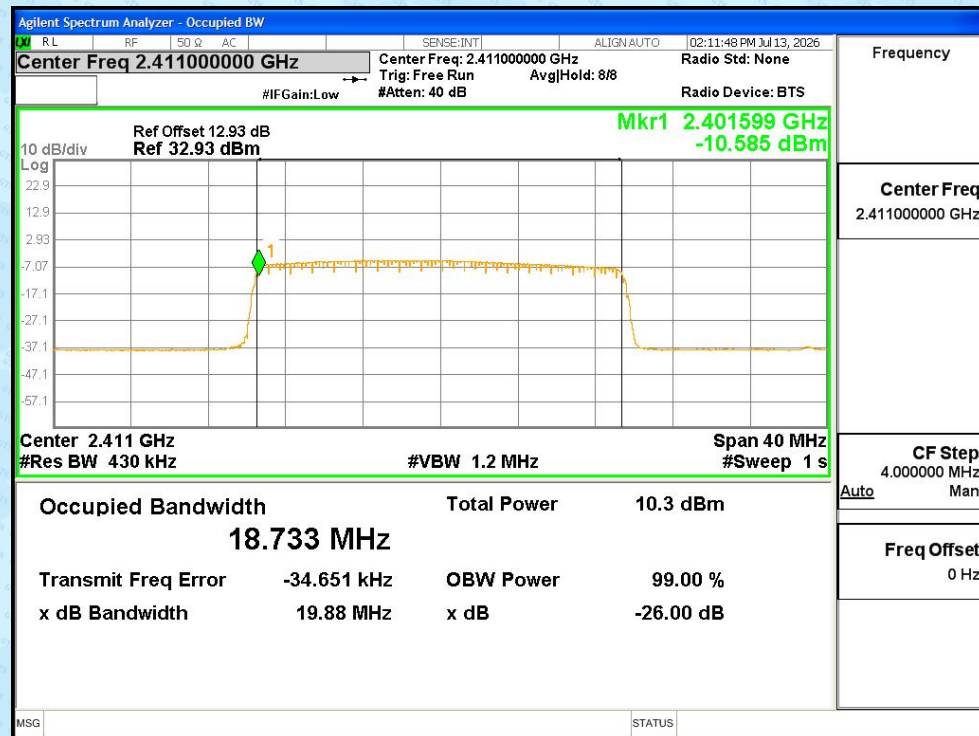


OBW NVNT 2.4G SRD_10M 2466MHz Ant2

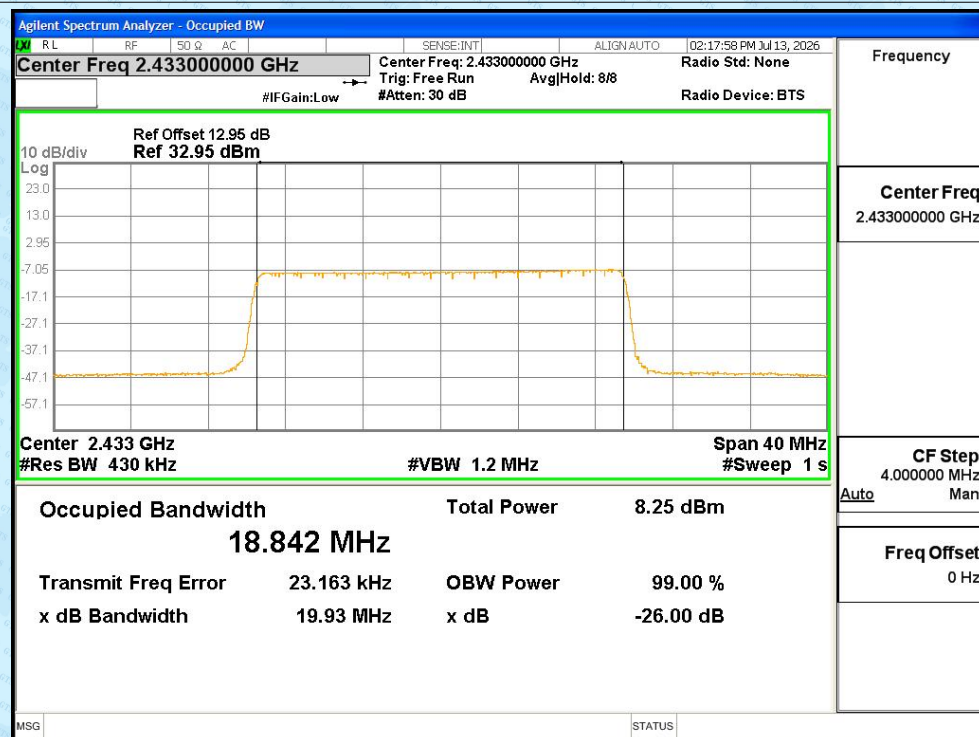


Test Graphs

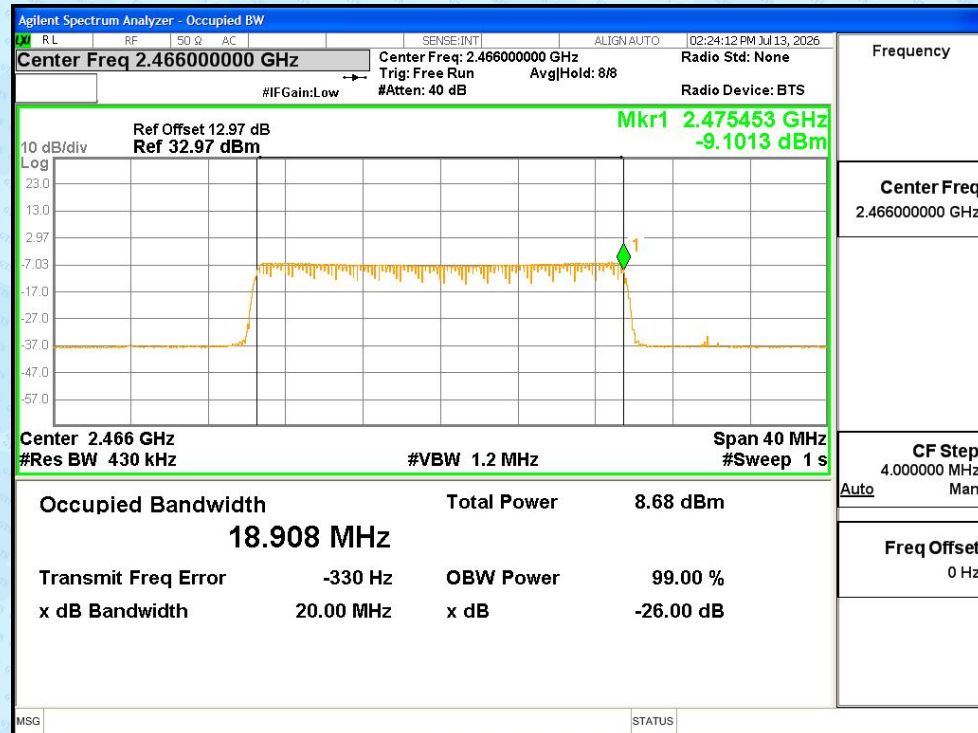
OBW NVNT 2.4G SRD_20M 2411MHz Ant1



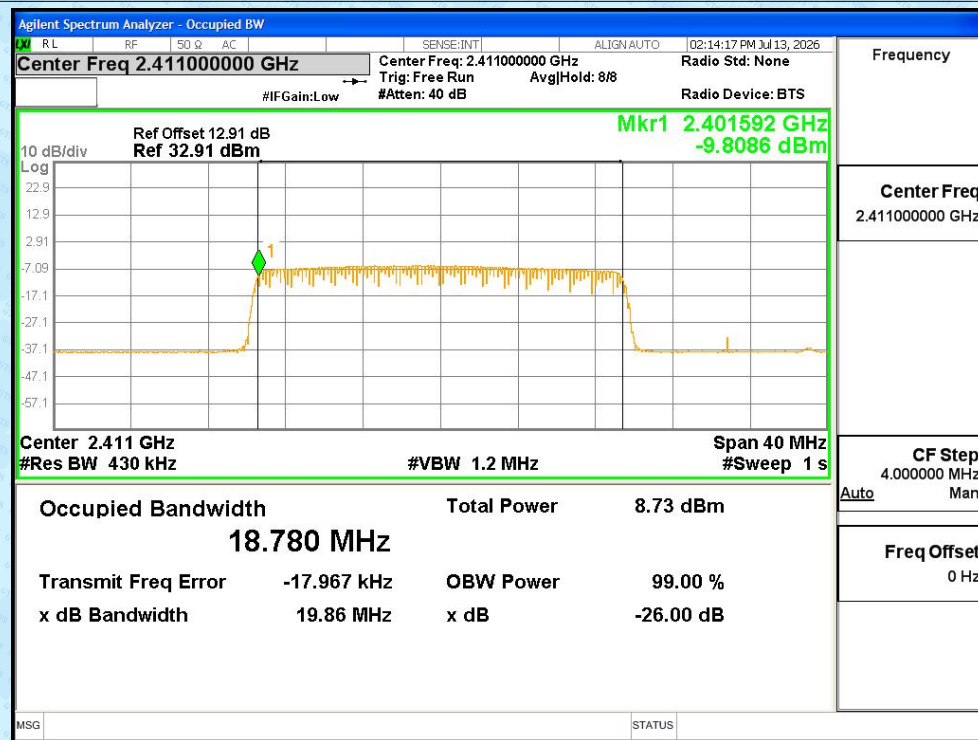
OBW NVNT 2.4G SRD_20M 2433MHz Ant1



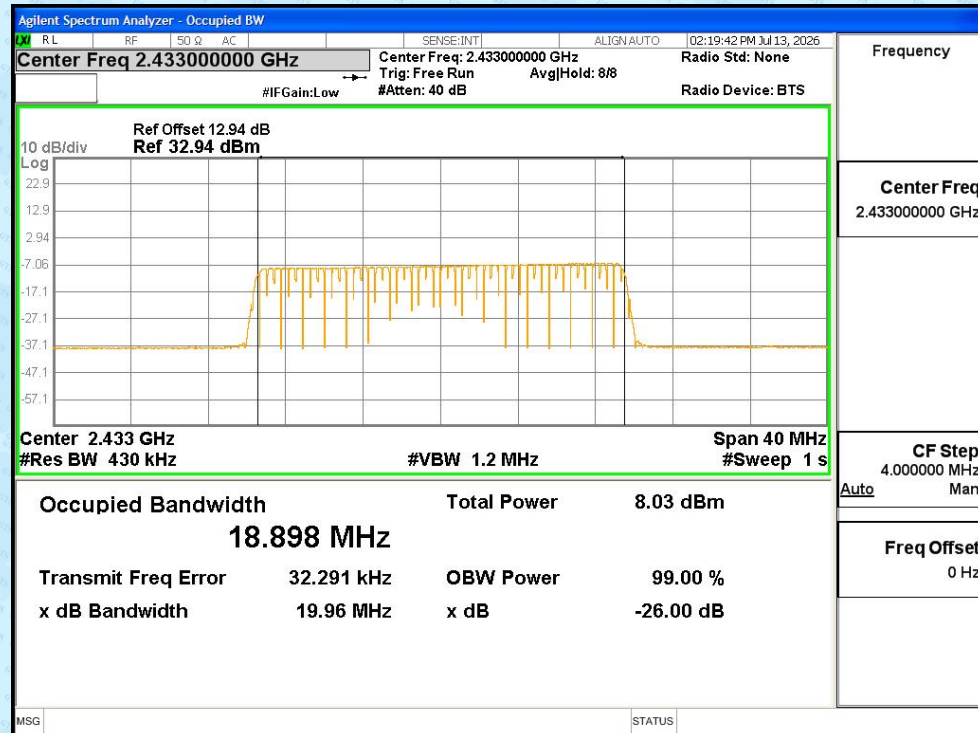
OBW NVNT 2.4G SRD_20M 2466MHz Ant1



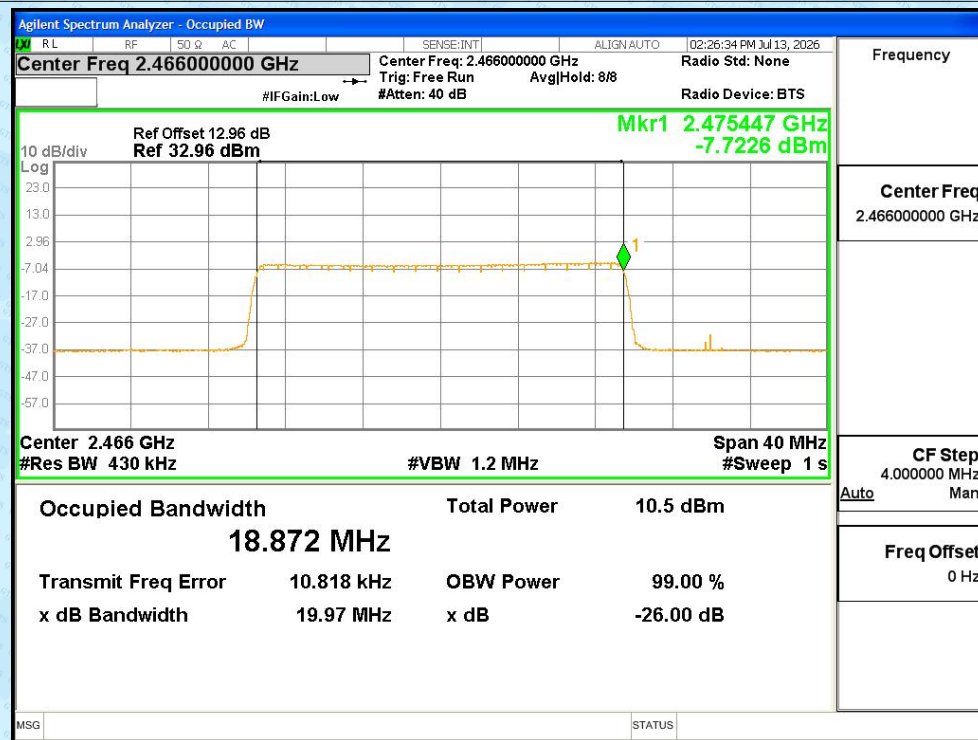
OBW NVNT 2.4G SRD_20M 2411MHz Ant2



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	-49.15	-10	Pass
				2398.5	-48.94	-10	Pass
				2397.5	-49.05	-10	Pass
				2396.5	-49.03	-10	Pass
				2395.5	-46.74	-10	Pass
				2394.5	-45.16	-10	Pass
				2393.5	-47.84	-10	Pass
				2392.5	-47.17	-10	Pass
				2391.5	-49.07	-10	Pass
				2391.124	-48.04	-10	Pass
				2390.124	-46.97	-20	Pass
				2389.124	-47.21	-20	Pass
				2388.124	-48.29	-20	Pass
				2387.124	-47.92	-20	Pass
				2386.124	-48.43	-20	Pass
				2385.124	-48.17	-20	Pass
				2384.124	-48.43	-20	Pass
				2383.124	-49.06	-20	Pass
				2382.124	-48.94	-20	Pass
				2381.748	-48.99	-20	Pass
		2484		-46.48	-10	Pass	
		2485		-48.57	-10	Pass	
		2486		-48.6	-10	Pass	
		2487		-48.53	-10	Pass	
		2488		-47.94	-10	Pass	
		2489		-48.31	-10	Pass	
		2490		-48.53	-10	Pass	
		2491		-48.51	-10	Pass	
		2492		-48.61	-10	Pass	
		2492.415		-48.48	-10	Pass	
		2493.415		-48.45	-20	Pass	
		2494.415		-48.53	-20	Pass	
		2495.415		-48.54	-20	Pass	
		2496.415		-48.56	-20	Pass	
		2497.415		-48.41	-20	Pass	
		2498.415		-48.71	-20	Pass	
		2499.415		-48.48	-20	Pass	
		2500.415		-48.57	-20	Pass	
		2501.415		-48.48	-20	Pass	
		2501.83		-48.6	-20	Pass	
		2411	Ant2	2399.5	-43.66	-10	Pass

			2398.5	-49.21	-10	Pass
			2397.5	-48.8	-10	Pass
			2396.5	-48.03	-10	Pass
			2395.5	-48.77	-10	Pass
			2394.5	-47.62	-10	Pass
			2393.5	-48.1	-10	Pass
			2392.5	-46.92	-10	Pass
			2391.5	-48.64	-10	Pass
			2391.117	-48.06	-10	Pass
			2390.117	-48.24	-20	Pass
			2389.117	-48.13	-20	Pass
			2388.117	-49.12	-20	Pass
			2387.117	-48.48	-20	Pass
			2386.117	-49.18	-20	Pass
			2385.117	-49.21	-20	Pass
			2384.117	-48.9	-20	Pass
			2383.117	-48.86	-20	Pass
			2382.117	-48.93	-20	Pass
			2381.734	-49.12	-20	Pass
			2484	-46.03	-10	Pass
2466			2485	-47.94	-10	Pass
			2486	-46.73	-10	Pass
			2487	-48.63	-10	Pass
			2488	-48.05	-10	Pass
			2489	-47.53	-10	Pass
			2490	-47.65	-10	Pass
			2491	-47.44	-10	Pass
			2492	-48.15	-10	Pass
			2492.41	-48.43	-10	Pass
			2493.41	-48.5	-20	Pass
			2494.41	-48.5	-20	Pass
			2495.41	-48.49	-20	Pass
			2496.41	-48.56	-20	Pass
			2497.41	-48.49	-20	Pass
			2498.41	-48.53	-20	Pass
			2499.41	-48.68	-20	Pass
			2500.41	-48.55	-20	Pass
			2501.41	-48.6	-20	Pass
			2501.82	-48.7	-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	-42.02	-10	Pass	
				2398.5	-45.48	-10	Pass	
				2397.5	-49.12	-10	Pass	
				2396.5	-43.57	-10	Pass	
				2395.5	-43.48	-10	Pass	
				2394.5	-43.41	-10	Pass	
				2393.5	-45.15	-10	Pass	
				2392.5	-44.25	-10	Pass	
				2391.5	-48.79	-10	Pass	
				2390.5	-46.77	-10	Pass	
				2389.5	-43.36	-10	Pass	
				2388.5	-43.91	-10	Pass	
				2387.5	-44.49	-10	Pass	
				2386.5	-49.16	-10	Pass	
				2385.5	-49.25	-10	Pass	
				2384.5	-47.88	-10	Pass	
				2383.5	-48.43	-10	Pass	
				2382.5	-49.14	-10	Pass	
				2381.767	-48.44	-10	Pass	
				2380.767	-48.98	-20	Pass	
				2379.767	-49.13	-20	Pass	
				2378.767	-49.16	-20	Pass	
				2377.767	-49.14	-20	Pass	
				2376.767	-49.12	-20	Pass	
				2375.767	-49.14	-20	Pass	
				2374.767	-49.08	-20	Pass	
				2373.767	-49.05	-20	Pass	
				2372.767	-49.05	-20	Pass	
				2371.767	-49.11	-20	Pass	
				2370.767	-49.04	-20	Pass	
				2369.767	-48.98	-20	Pass	
				2368.767	-49.12	-20	Pass	
				2367.767	-49.02	-20	Pass	
				2366.767	-48.99	-20	Pass	
				2365.767	-49.09	-20	Pass	
				2364.767	-49.11	-20	Pass	
				2363.767	-49	-20	Pass	
				2363.034	-48.94	-20	Pass	
		2466		2484	-48.01	-10	Pass	
				2485	-48.57	-10	Pass	
				2486	-46.53	-10	Pass	
				2487	-48.52	-10	Pass	

				2488	-48.62	-10	Pass
				2489	-48.56	-10	Pass
				2490	-46.98	-10	Pass
				2491	-48.52	-10	Pass
				2492	-46.4	-10	Pass
				2493	-48.68	-10	Pass
				2494	-48.19	-10	Pass
				2495	-48.44	-10	Pass
				2496	-48.55	-10	Pass
				2497	-48.55	-10	Pass
				2498	-48.56	-10	Pass
				2499	-48.53	-10	Pass
				2500	-48.55	-10	Pass
				2501	-48.56	-10	Pass
				2501.908	-48.58	-10	Pass
				2502.908	-48.57	-20	Pass
				2503.908	-48.62	-20	Pass
				2504.908	-48.6	-20	Pass
				2505.908	-48.6	-20	Pass
				2506.908	-48.54	-20	Pass
				2507.908	-48.45	-20	Pass
				2508.908	-48.42	-20	Pass
				2509.908	-48.39	-20	Pass
				2510.908	-48.52	-20	Pass
				2511.908	-48.59	-20	Pass
				2512.908	-48.48	-20	Pass
				2513.908	-48.5	-20	Pass
				2514.908	-48.39	-20	Pass
				2515.908	-48.52	-20	Pass
				2516.908	-48.45	-20	Pass
				2517.908	-48.41	-20	Pass
				2518.908	-48.57	-20	Pass
				2519.908	-48.43	-20	Pass
				2520.816	-48.49	-20	Pass
2411	Ant2			2399.5	-41.8	-10	Pass
				2398.5	-46.14	-10	Pass
				2397.5	-44.25	-10	Pass
				2396.5	-45.23	-10	Pass
				2395.5	-43.99	-10	Pass
				2394.5	-49.13	-10	Pass
				2393.5	-47.37	-10	Pass
				2392.5	-49.19	-10	Pass
				2391.5	-49.12	-10	Pass
				2390.5	-47.92	-10	Pass

			2389.5	-48.92	-10	Pass	
			2388.5	-48.07	-10	Pass	
			2387.5	-49.07	-10	Pass	
			2386.5	-47.78	-10	Pass	
			2385.5	-46.83	-10	Pass	
			2384.5	-47.06	-10	Pass	
			2383.5	-48.42	-10	Pass	
			2382.5	-48.73	-10	Pass	
			2381.72	-48.85	-10	Pass	
			2380.72	-49.03	-20	Pass	
			2379.72	-48.87	-20	Pass	
			2378.72	-48.95	-20	Pass	
			2377.72	-48.83	-20	Pass	
			2376.72	-49.04	-20	Pass	
			2375.72	-48.95	-20	Pass	
			2374.72	-48.99	-20	Pass	
			2373.72	-49.01	-20	Pass	
			2372.72	-49	-20	Pass	
			2371.72	-48.88	-20	Pass	
			2370.72	-48.88	-20	Pass	
			2369.72	-48.88	-20	Pass	
			2368.72	-48.96	-20	Pass	
			2367.72	-48.93	-20	Pass	
			2366.72	-48.85	-20	Pass	
			2365.72	-48.79	-20	Pass	
			2364.72	-48.81	-20	Pass	
			2363.72	-48.83	-20	Pass	
			2362.94	-48.87	-20	Pass	
			2466	2484	-48.62	-10	Pass
				2485	-42.45	-10	Pass
				2486	-48.6	-10	Pass
				2487	-48.72	-10	Pass
	2488	-48.5		-10	Pass		
	2489	-45.96		-10	Pass		
	2490	-47.82		-10	Pass		
	2491	-45.16		-10	Pass		
	2492	-48.52		-10	Pass		
	2493	-48.48		-10	Pass		
	2494	-48.53		-10	Pass		
	2495	-48.56		-10	Pass		
	2496	-48.51	-10	Pass			
	2497	-48.57	-10	Pass			
	2498	-48.55	-10	Pass			
	2499	-48.62	-10	Pass			

			2500	-48.58	-10	Pass
			2501	-48.57	-10	Pass
			2501.872	-48.64	-10	Pass
			2502.872	-48.64	-20	Pass
			2503.872	-48.52	-20	Pass
			2504.872	-48.66	-20	Pass
			2505.872	-48.6	-20	Pass
			2506.872	-48.55	-20	Pass
			2507.872	-48.56	-20	Pass
			2508.872	-48.54	-20	Pass
			2509.872	-48.46	-20	Pass
			2510.872	-48.48	-20	Pass
			2511.872	-48.62	-20	Pass
			2512.872	-48.46	-20	Pass
			2513.872	-48.61	-20	Pass
			2514.872	-48.56	-20	Pass
			2515.872	-48.44	-20	Pass
			2516.872	-48.54	-20	Pass
			2517.872	-48.52	-20	Pass
			2518.872	-48.56	-20	Pass
			2519.872	-48.47	-20	Pass
			2520.744	-48.59	-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	39.95	-67.05	NA	-36	Pass
				47 -74	57.75	-67.23	NA	-54	Pass
				74 -87.5	84.55	-67.73	NA	-36	Pass
				87.5 -118	115.60	-65.88	NA	-54	Pass
				118 -174	152.55	-66.71	NA	-36	Pass
				174 -230	217.75	-66.75	NA	-54	Pass
				230 -470	358.45	-64.94	NA	-36	Pass
				470 -694	557.45	-66.16	NA	-54	Pass
				694 -1000	801.60	-65.67	NA	-36	Pass
				1000 -2380	2257.00	-51.66	NA	-30	Pass
				2503.5 -12750	12592.00	-46.18	NA	-30	Pass
		2433		30 -47	41.40	-67.48	NA	-36	Pass
				47 -74	49.65	-66.75	NA	-54	Pass
				74 -87.5	77.65	-66.89	NA	-36	Pass
				87.5 -118	94.95	-67.17	NA	-54	Pass
				118 -174	149.50	-66.07	NA	-36	Pass
				174 -230	223.75	-66.11	NA	-54	Pass
				230 -470	356.20	-65.78	NA	-36	Pass
				470 -694	513.55	-66.24	NA	-54	Pass
				694 -1000	895.10	-66.43	NA	-36	Pass
				1000 -2380	2093.50	-51.86	NA	-30	Pass
				2503.5 -12750	12571.50	-46.51	NA	-30	Pass
		2466		30 -47	32.80	-67.54	NA	-36	Pass
				47 -74	50.05	-67.53	NA	-54	Pass
				74 -87.5	83.25	-67.78	NA	-36	Pass
				87.5 -118	106.35	-66.15	NA	-54	Pass
				118 -174	130.05	-66.15	NA	-36	Pass
				174 -230	176.45	-66.08	NA	-54	Pass
				230 -470	405.20	-65.60	NA	-36	Pass
				470 -694	606.10	-66.13	NA	-54	Pass
				694 -1000	929.15	-66.05	NA	-36	Pass
				1000 -2380	2242.00	-51.67	NA	-30	Pass
				2503.5 -12750	7176.00	-46.15	NA	-30	Pass
		2411	Ant2	30 -47	31.25	-67.07	NA	-36	Pass

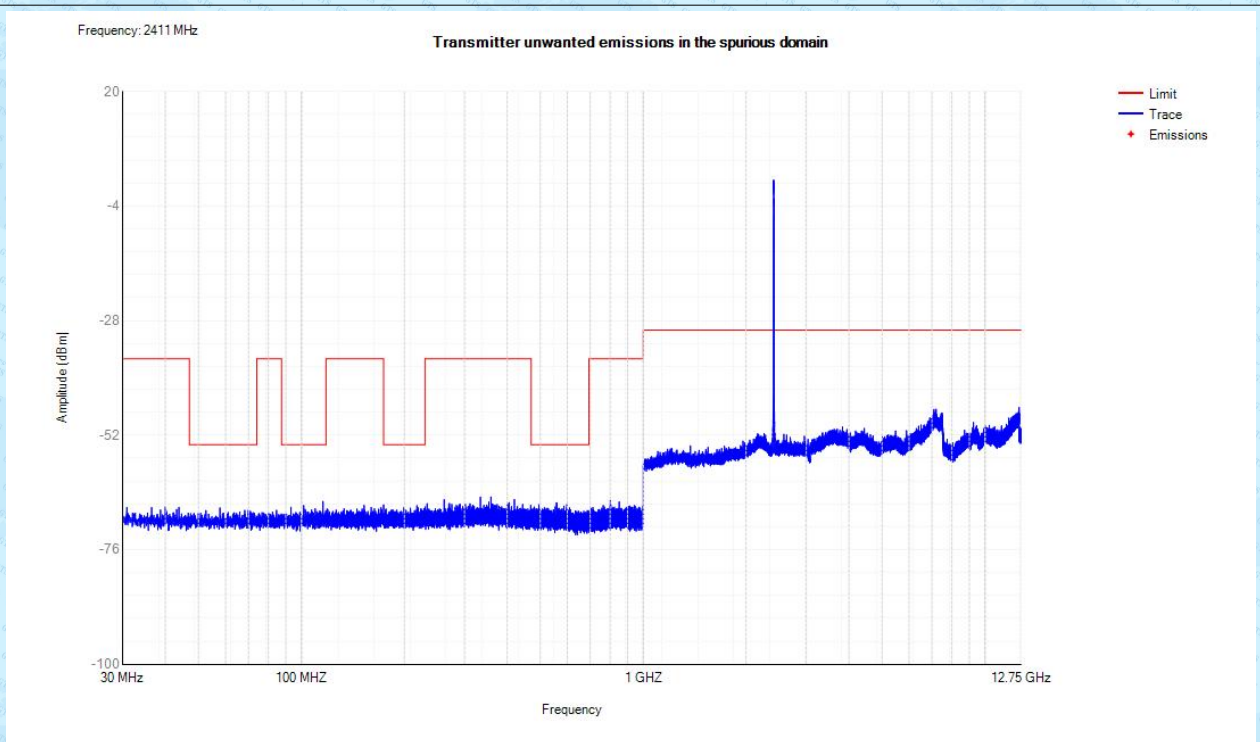
			47 -74	71.45	-66.96	NA	-54	Pass
			74 -87.5	78.15	-67.27	NA	-36	Pass
			87.5 -118	105.55	-66.50	NA	-54	Pass
			118 -174	137.25	-66.69	NA	-36	Pass
			174 -230	197.95	-66.71	NA	-54	Pass
			230 -470	270.00	-64.67	NA	-36	Pass
			470 -694	498.55	-66.55	NA	-54	Pass
			694 -1000	816.25	-66.29	NA	-36	Pass
			1000 -2380	2213.00	-51.40	NA	-30	Pass
			2503.5 -12750	7378.00	-46.74	NA	-30	Pass
		2433	30 -47	40.50	-67.53	NA	-36	Pass
			47 -74	61.50	-66.76	NA	-54	Pass
			74 -87.5	76.65	-67.61	NA	-36	Pass
			87.5 -118	99.40	-66.35	NA	-54	Pass
			118 -174	132.40	-67.03	NA	-36	Pass
			174 -230	178.20	-66.85	NA	-54	Pass
			230 -470	268.40	-65.71	NA	-36	Pass
			470 -694	496.75	-66.61	NA	-54	Pass
			694 -1000	951.40	-65.05	NA	-36	Pass
			1000 -2380	2176.50	-51.97	NA	-30	Pass
			2503.5 -12750	12437.00	-46.21	NA	-30	Pass
		2466	30 -47	31.85	-67.42	NA	-36	Pass
			47 -74	65.65	-67.56	NA	-54	Pass
			74 -87.5	77.20	-66.96	NA	-36	Pass
			87.5 -118	115.65	-67.14	NA	-54	Pass
			118 -174	139.85	-66.66	NA	-36	Pass
			174 -230	206.75	-66.06	NA	-54	Pass
			230 -470	270.00	-65.73	NA	-36	Pass
			470 -694	480.70	-66.56	NA	-54	Pass
			694 -1000	852.50	-65.68	NA	-36	Pass
			1000 -2380	2251.50	-51.97	NA	-30	Pass
			2503.5 -12750	12586.50	-46.56	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	31.40	-56.76	NA	-36	Pass
				47 -74	59.40	-57.25	-57.19	-54	Pass
				74 -87.5	82.15	-57.55	NA	-36	Pass
				87.5 -118	107.40	-57.47	-56.92	-54	Pass
				118 -174	169.00	-56.95	NA	-36	Pass
				174 -230	186.65	-56.81	-56.81	-54	Pass
				230 -470	270.00	-55.88	NA	-36	Pass
				470 -694	498.15	-56.20	-57.08	-54	Pass
				694 -1000	811.30	-55.79	NA	-36	Pass
				1000 -2360	2160.00	-41.29	NA	-30	Pass
				2523.5 -12750	12570.00	-35.67	-37.04	-30	Pass
		30 -47		38.00	-67.21	NA	-36	Pass	
		47 -74		51.55	-67.28	NA	-54	Pass	
		74 -87.5		86.85	-67.24	NA	-36	Pass	
		87.5 -118		105.55	-66.82	NA	-54	Pass	
		118 -174		158.80	-65.34	NA	-36	Pass	
		174 -230		226.80	-66.15	NA	-54	Pass	
		230 -470		270.00	-65.52	NA	-36	Pass	
		470 -694		617.35	-66.35	NA	-54	Pass	
		694 -1000		933.35	-66.58	NA	-36	Pass	
		1000 -2360		2196.00	-51.40	NA	-30	Pass	
		2523.5 -12750		12543.00	-46.70	NA	-30	Pass	
		30 -47		42.75	-67.50	NA	-36	Pass	
		47 -74		69.80	-66.31	NA	-54	Pass	
		74 -87.5		79.60	-67.04	NA	-36	Pass	
		87.5 -118		94.70	-66.66	NA	-54	Pass	
		118 -174		147.90	-66.56	NA	-36	Pass	
		174 -230		186.70	-66.10	NA	-54	Pass	
		230 -470		270.00	-64.81	NA	-36	Pass	
		470 -694		635.45	-66.51	NA	-54	Pass	
		694 -1000		999.45	-66.42	NA	-36	Pass	
		1000 -2360		2189.50	-51.44	NA	-30	Pass	
		2523.5 -12750		7491.50	-46.45	NA	-30	Pass	
		30 -47		37.90	-66.88	NA	-36	Pass	
		47 -74		68.95	-67.49	NA	-54	Pass	
		74 -87.5		85.75	-66.89	NA	-36	Pass	
		87.5 -118		115.00	-67.12	NA	-54	Pass	
		118 -174		124.50	-66.76	NA	-36	Pass	

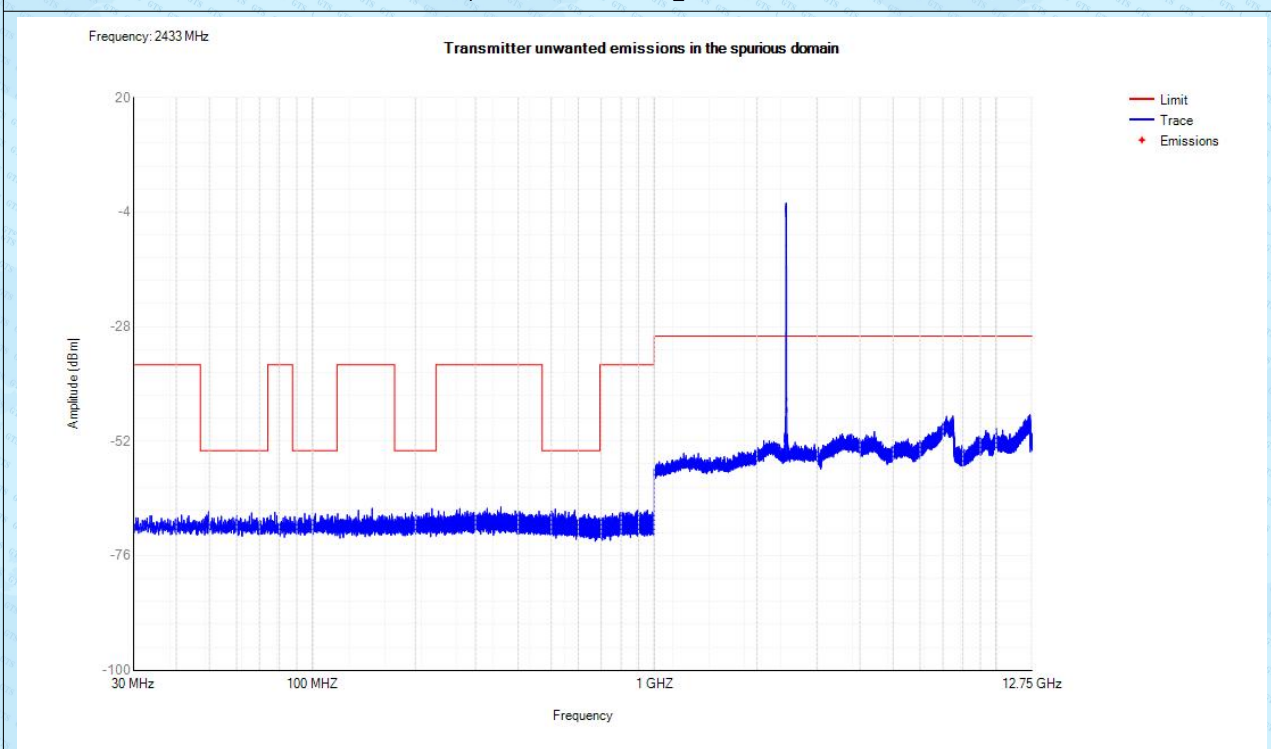
		2433	174 -230	179.00	-66.49	NA	-54	Pass
			230 -470	285.05	-65.81	NA	-36	Pass
			470 -694	492.20	-66.32	NA	-54	Pass
			694 -1000	801.20	-66.14	NA	-36	Pass
			1000 -2360	2185.00	-51.35	NA	-30	Pass
			2523.5 -12750	7133.00	-46.65	NA	-30	Pass
		2466	30 -47	35.65	-66.99	NA	-36	Pass
			47 -74	72.45	-67.23	NA	-54	Pass
			74 -87.5	86.60	-67.42	NA	-36	Pass
			87.5 -118	115.90	-67.60	NA	-54	Pass
			118 -174	134.25	-66.06	NA	-36	Pass
			174 -230	215.00	-66.72	NA	-54	Pass
		2466	230 -470	270.00	-65.19	NA	-36	Pass
			470 -694	549.50	-66.60	NA	-54	Pass
			694 -1000	923.45	-66.16	NA	-36	Pass
			1000 -2360	2242.50	-51.50	NA	-30	Pass
			2523.5 -12750	7138.00	-45.98	NA	-30	Pass
		2466	30 -47	32.20	-66.72	NA	-36	Pass
			47 -74	60.15	-67.28	NA	-54	Pass
			74 -87.5	75.15	-66.88	NA	-36	Pass
			87.5 -118	113.65	-67.28	NA	-54	Pass
			118 -174	149.50	-66.86	NA	-36	Pass
			174 -230	211.50	-66.69	NA	-54	Pass
		2466	230 -470	270.00	-64.25	NA	-36	Pass
			470 -694	523.15	-66.40	NA	-54	Pass
			694 -1000	846.80	-66.67	NA	-36	Pass
			1000 -2360	2098.50	-51.50	NA	-30	Pass
			2523.5 -12750	7173.00	-45.95	NA	-30	Pass

Test Graphs

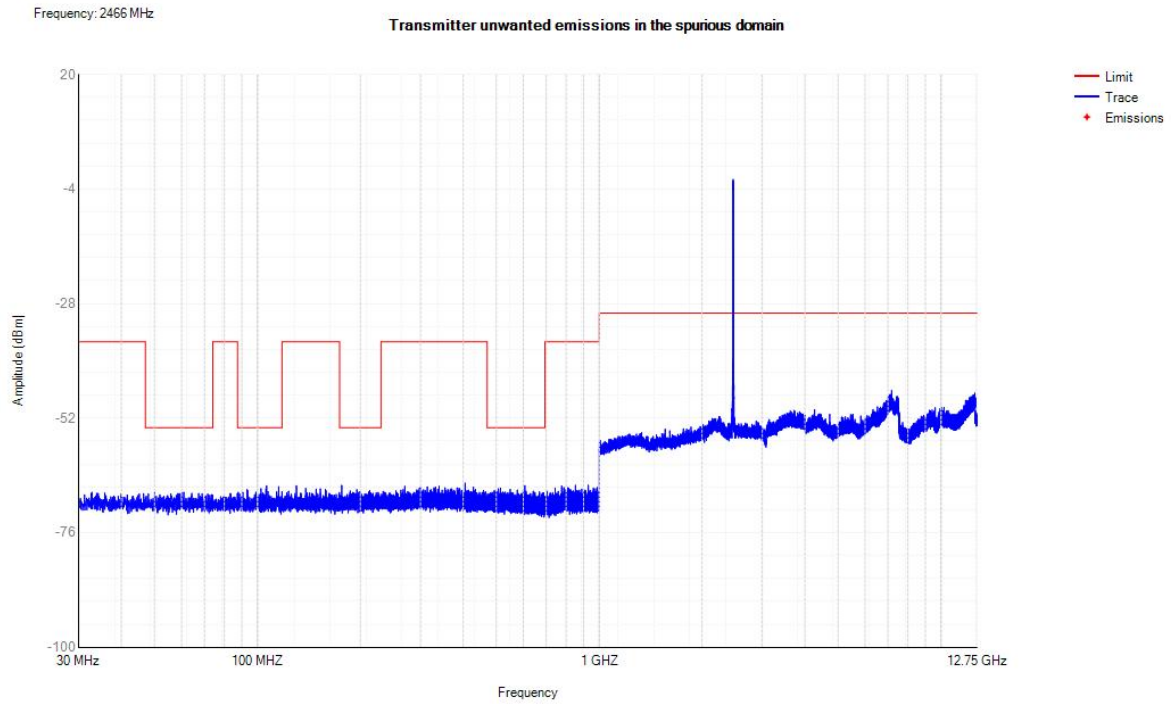
Tx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant1



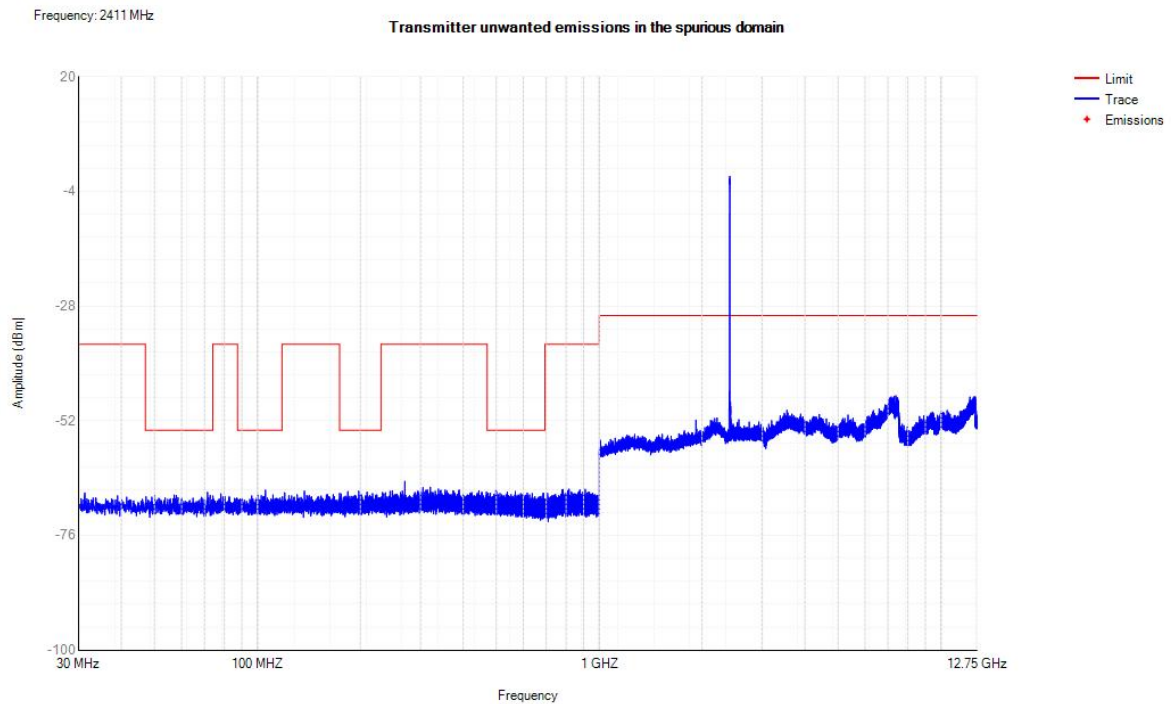
Tx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant1



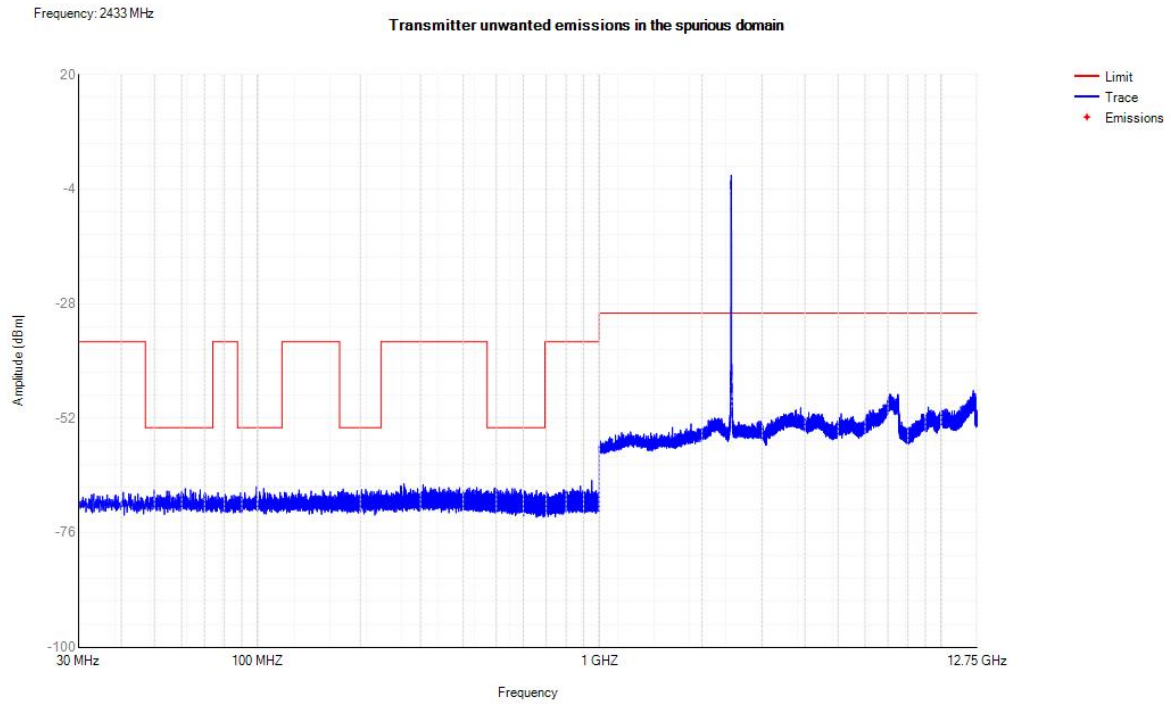
Tx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant1



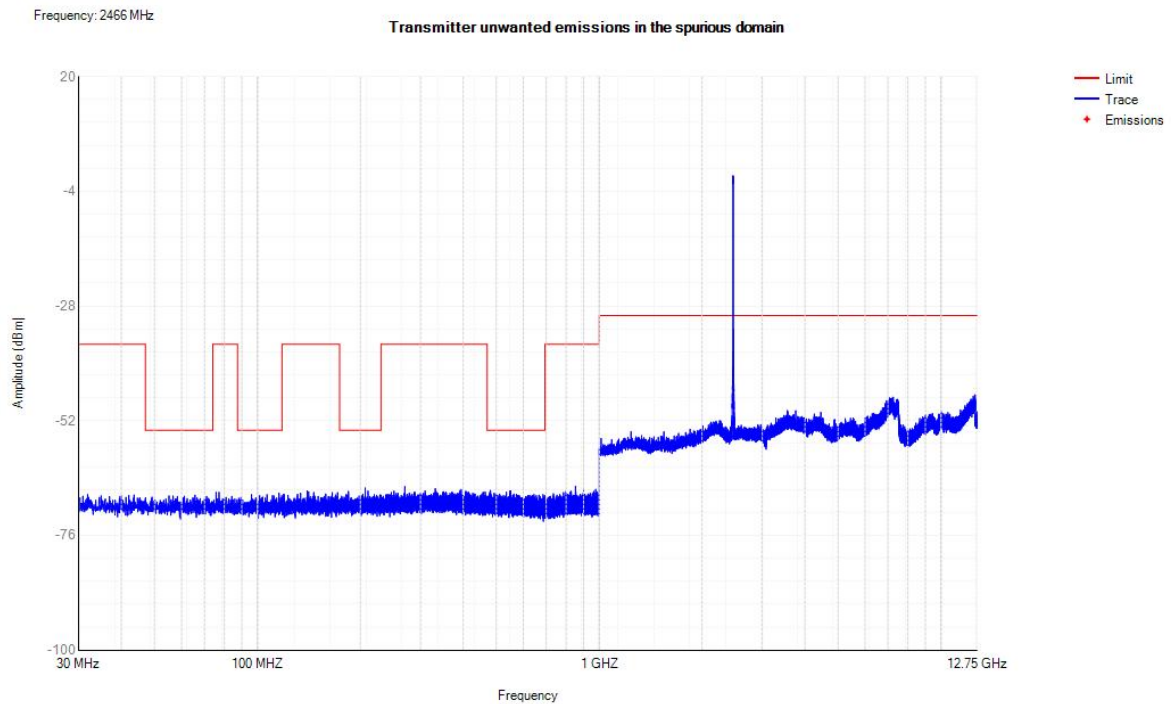
Tx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant2



Tx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant2

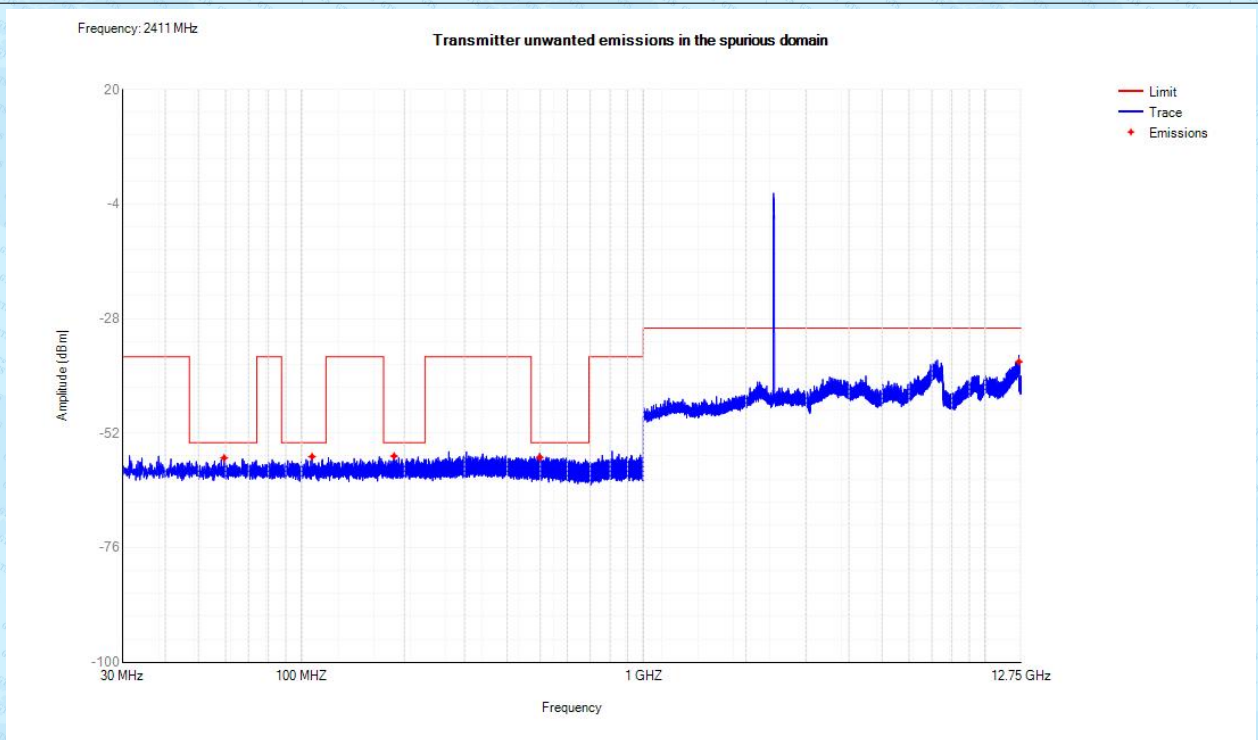


Tx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant2

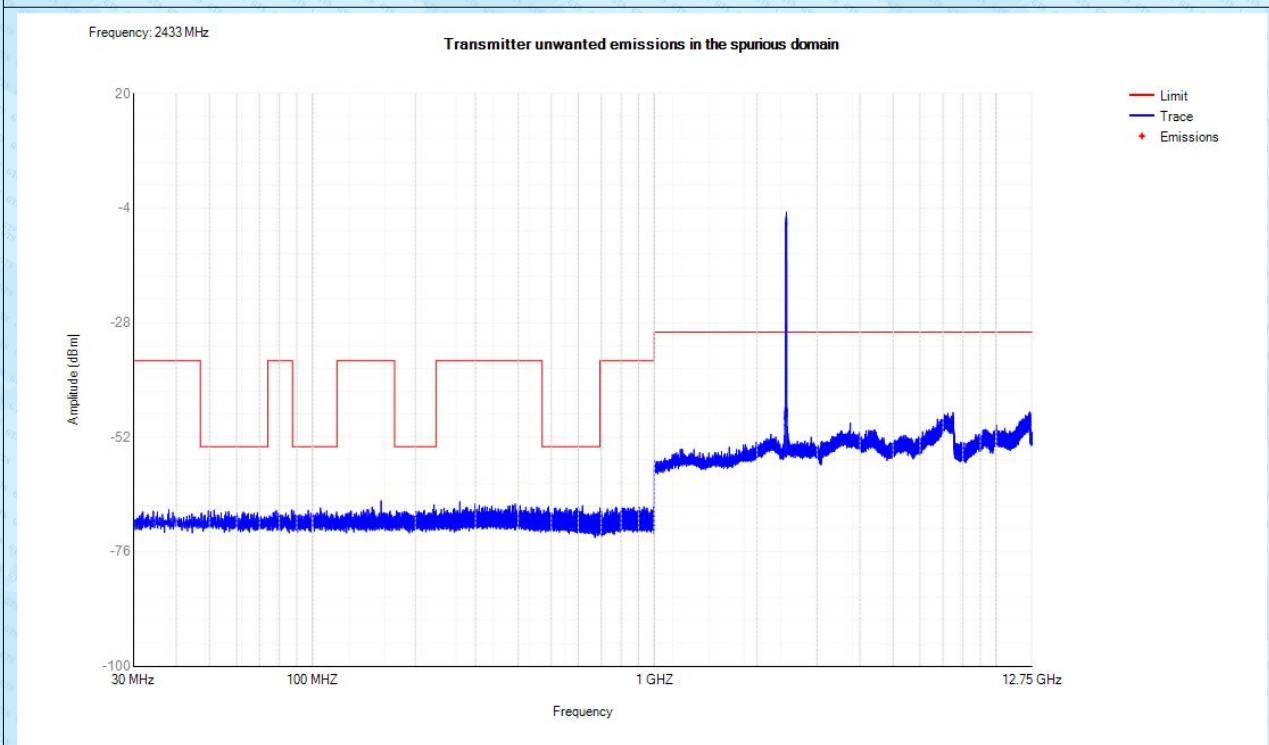


Test Graphs

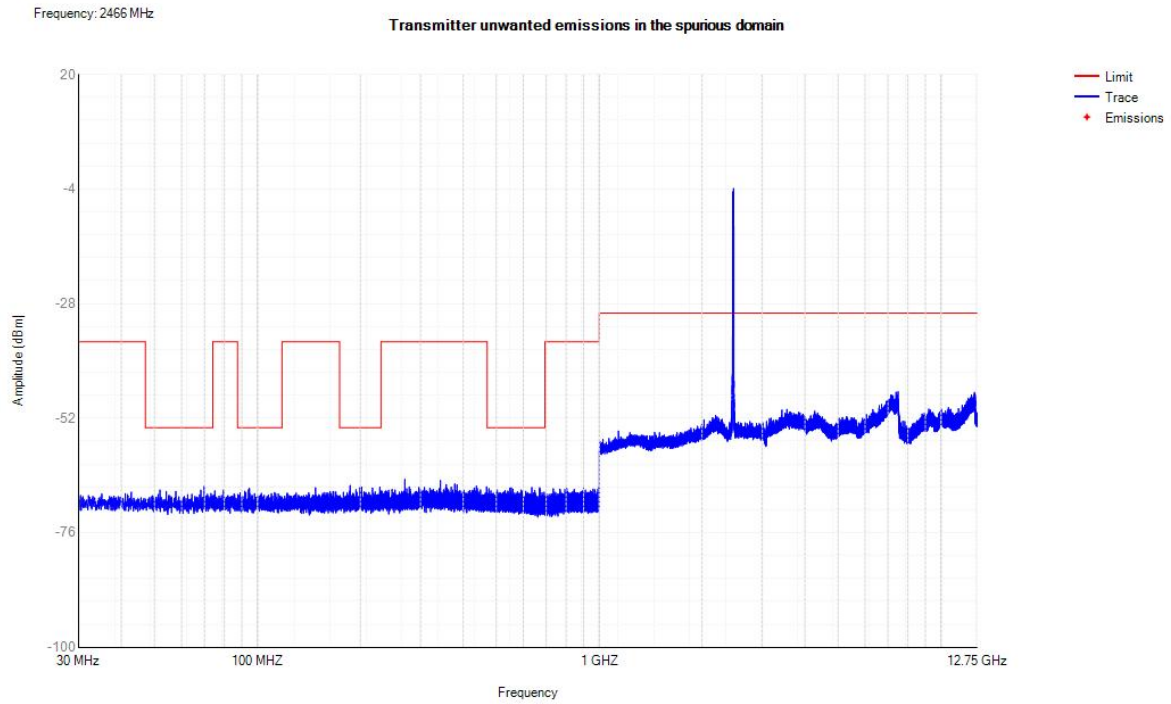
Tx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant1



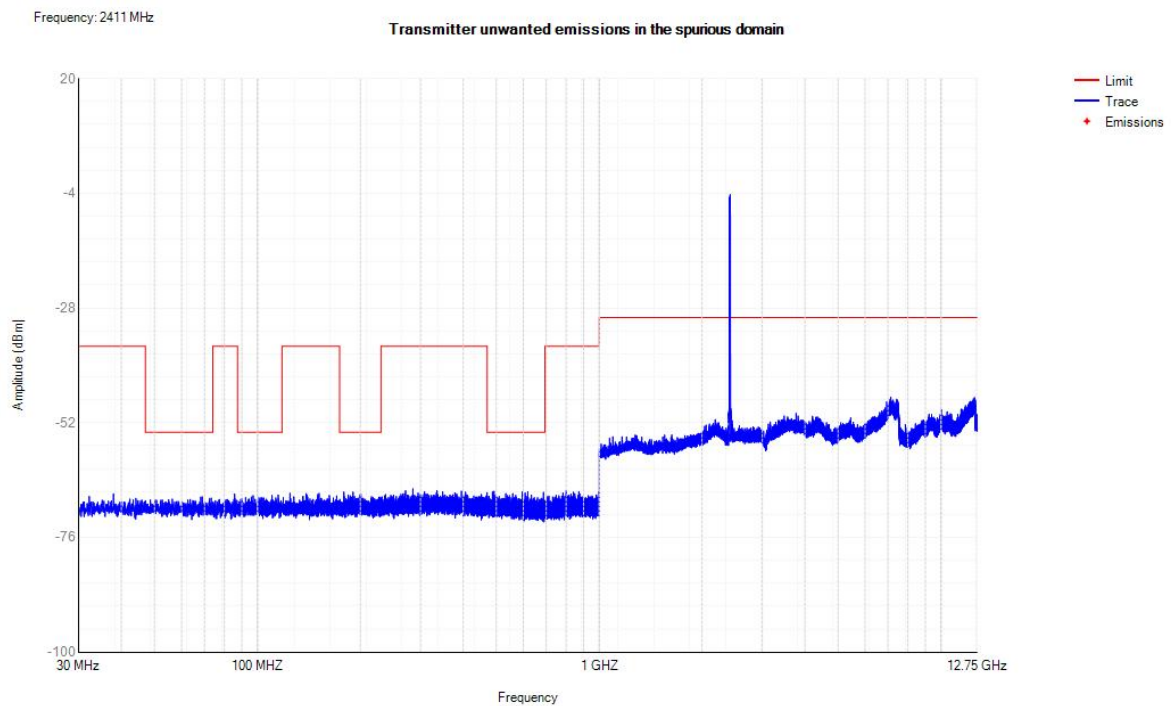
Tx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant1



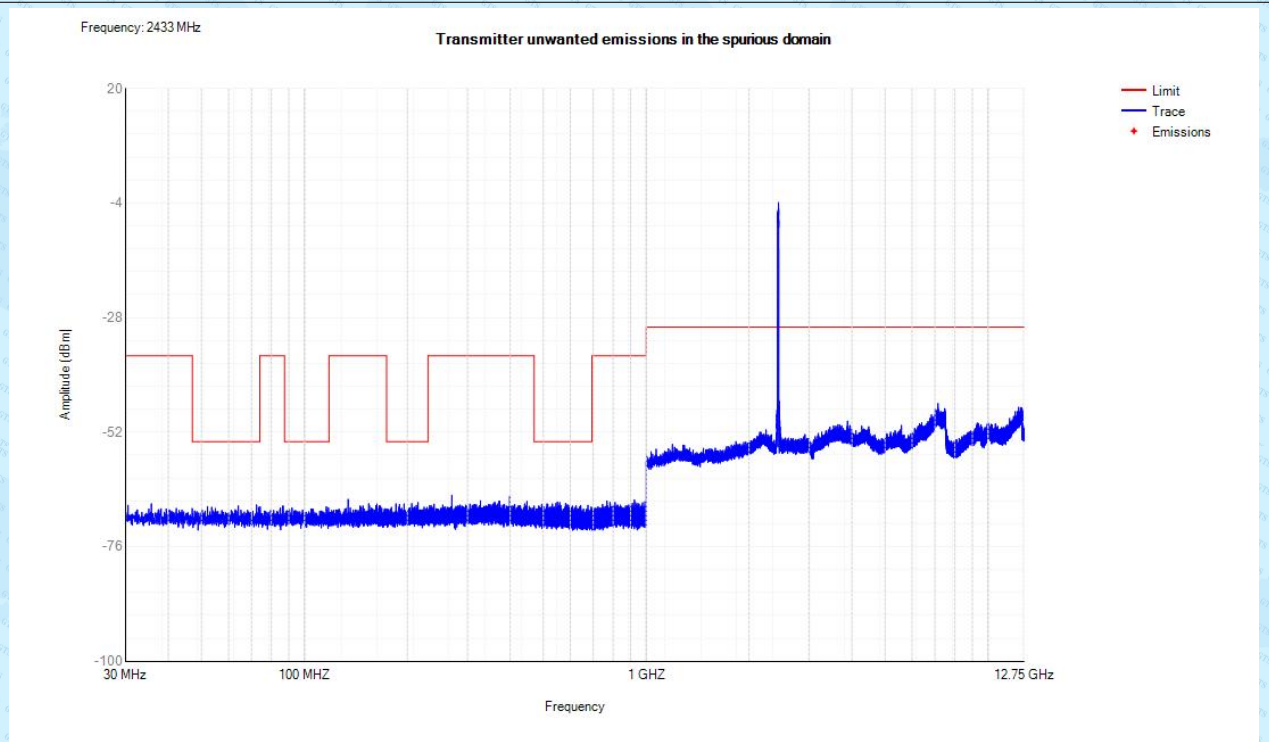
Tx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant1



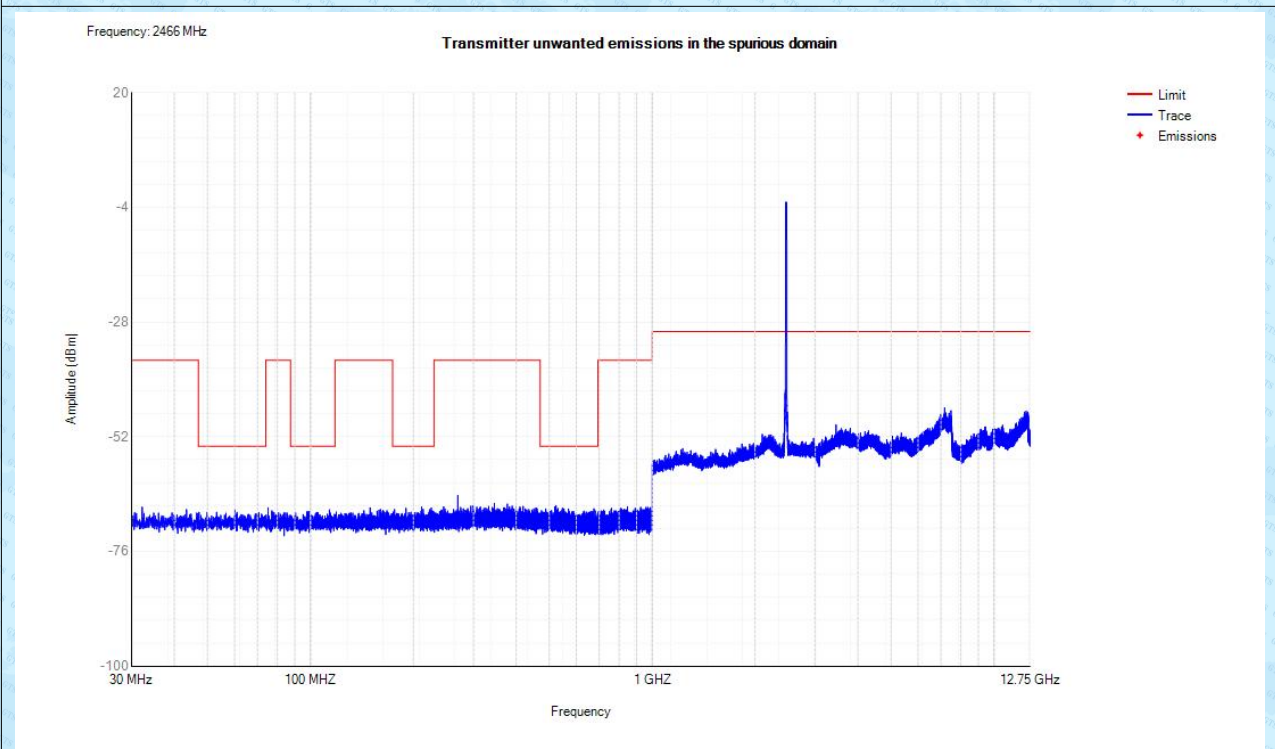
Tx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant2



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)		
187.40	Vertical	-74.00	-54.00	PASS
685.21	V	-71.38		
89.41	V	-64.86		
160.81	V	-72.65	-36.00	
4822.00	V	-46.92	-30.00	
172.49	Horizontal	-71.50	-54.00	
758.46	H	-72.80		
83.77	H	-67.28	-36.00	
169.53	H	-71.82		
4822.00	H	-45.62	-30.00	
2.4G SRD_10M 2466 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
181.86	Vertical	-73.01	-54.00	PASS
671.69	V	-71.07		
85.48	V	-64.46		
159.82	V	-74.71	-36.00	
4932.00	V	-46.28	-30.00	
191.17	Horizontal	-73.24	-54.00	
758.17	H	-71.19		
82.47	H	-66.58	-36.00	
162.10	H	-70.73		
4932.00	H	-46.40	-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

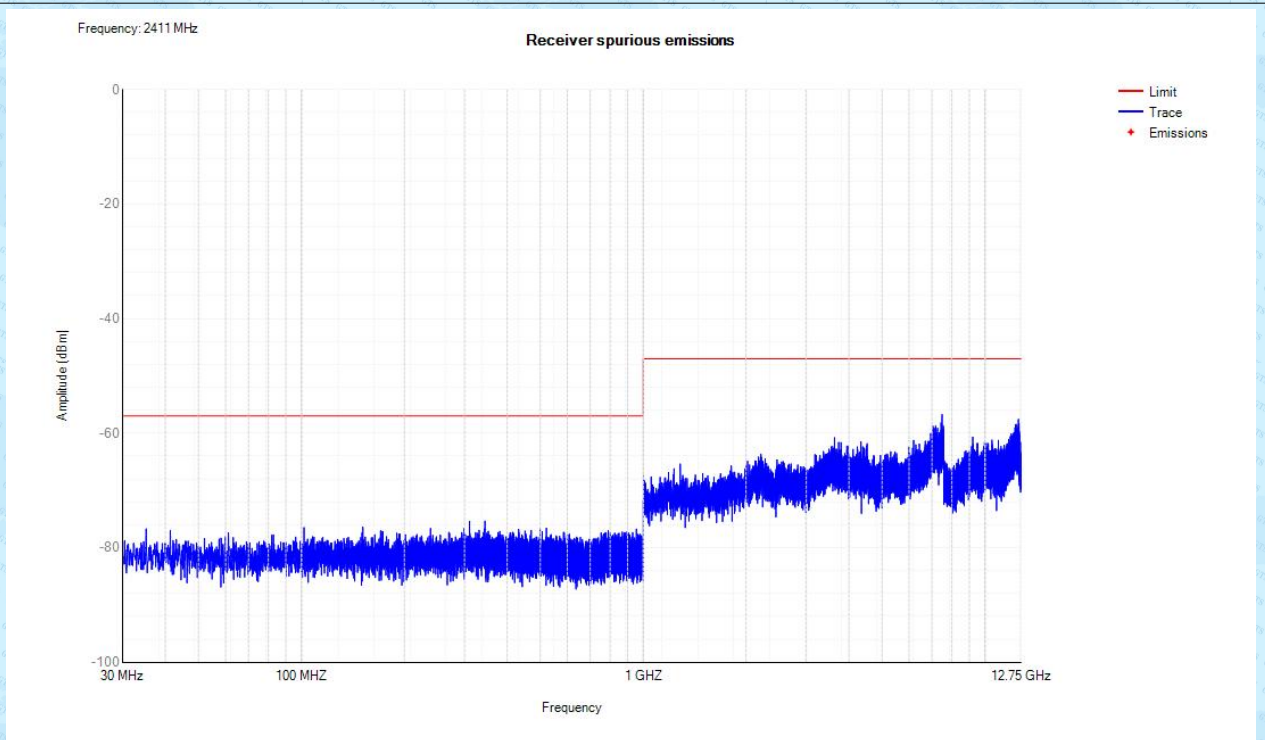
Conductance Measurement:

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	344.4	-75.34	NA	-57	Pass
				1000	7491.5	-56.74	NA	-47	Pass
				-12750					
		2433		30 -1000	808.85	-76.16	NA	-57	Pass
				1000	7018.5	-57.96	NA	-47	Pass
				-12750					
		2466		30 -1000	926.75	-75.13	NA	-57	Pass
				1000	7060.5	-57.84	NA	-47	Pass
				-12750					
		2411	Ant2	30 -1000	51.5	-75.72	NA	-57	Pass
				1000	12535.5	-58.47	NA	-47	Pass
				-12750					
		2433		30 -1000	808.2	-75.77	NA	-57	Pass
				1000	7075.5	-57.84	NA	-47	Pass
				-12750					
		2466		30 -1000	218.1	-74.19	NA	-57	Pass
				1000	7456	-58.11	NA	-47	Pass
				-12750					

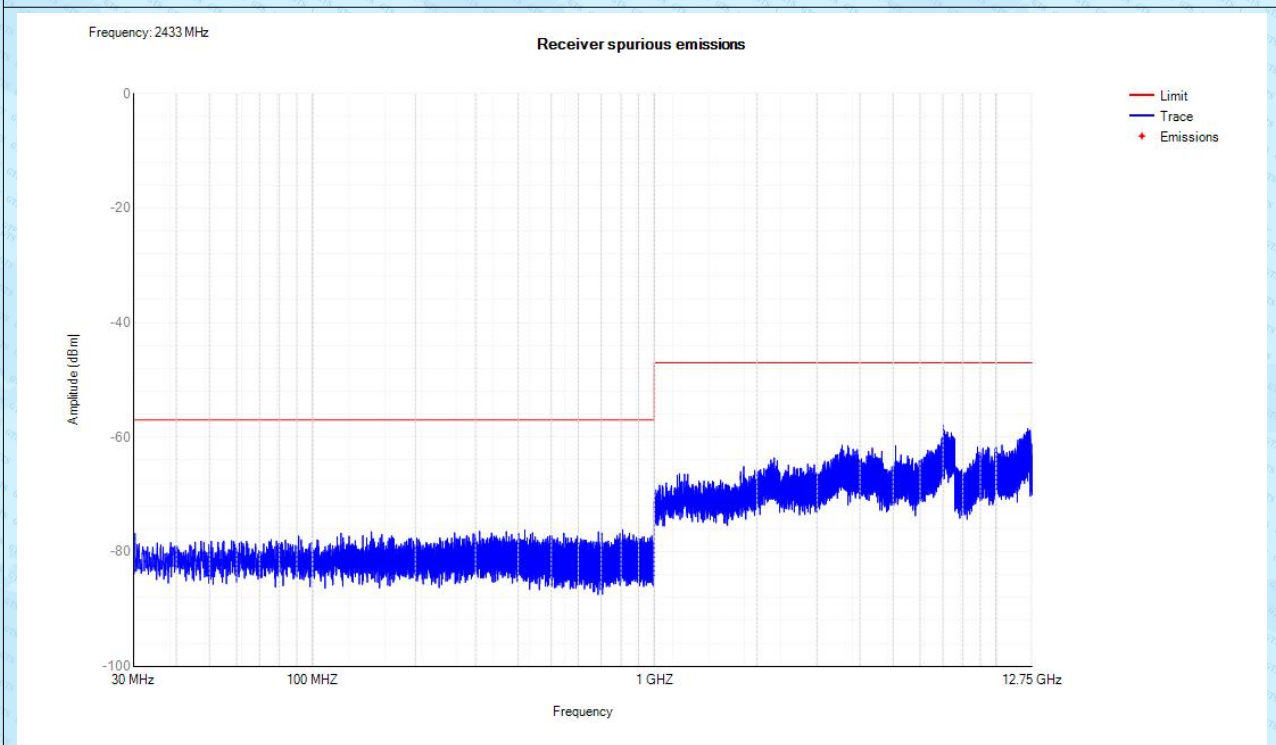
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	2.4G SRD_20M	2411	Ant1	30 -1000	845.4	-75.70	NA	-57	Pass
				1000	12138	-57.43	NA	-47	Pass
				-12750					
		2433		30 -1000	243	-75.92	NA	-57	Pass
				1000	12554	-57.51	NA	-47	Pass
				-12750					
		2466		30 -1000	270.05	-75.37	NA	-57	Pass
				1000	7114	-58.11	NA	-47	Pass
				-12750					
		2411	Ant2	30 -1000	485.65	-75.42	NA	-57	Pass
				1000	12456	-57.63	NA	-47	Pass
				-12750					
		2433		30 -1000	379.8	-75.98	NA	-57	Pass
				1000	12592.5	-57.65	NA	-47	Pass
				-12750					
		2466		30 -1000	954.65	-75.49	NA	-57	Pass
				1000	7576	-58.02	NA	-47	Pass
				-12750					

Test Graphs

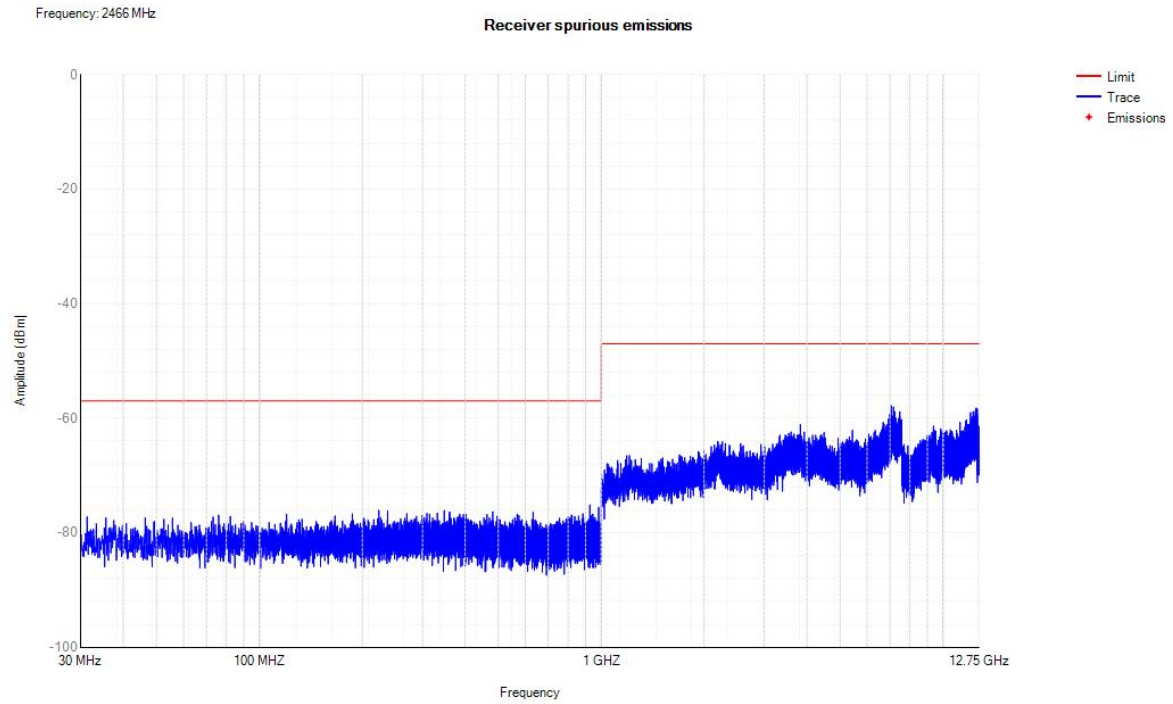
Rx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant1



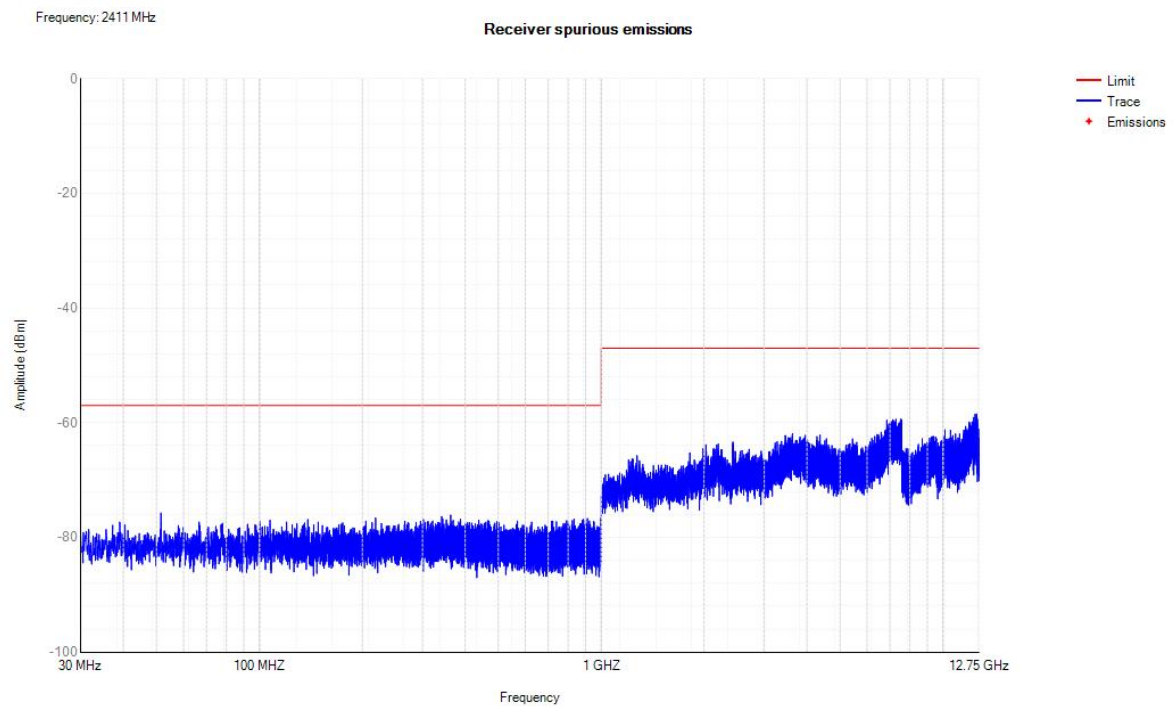
Rx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant1



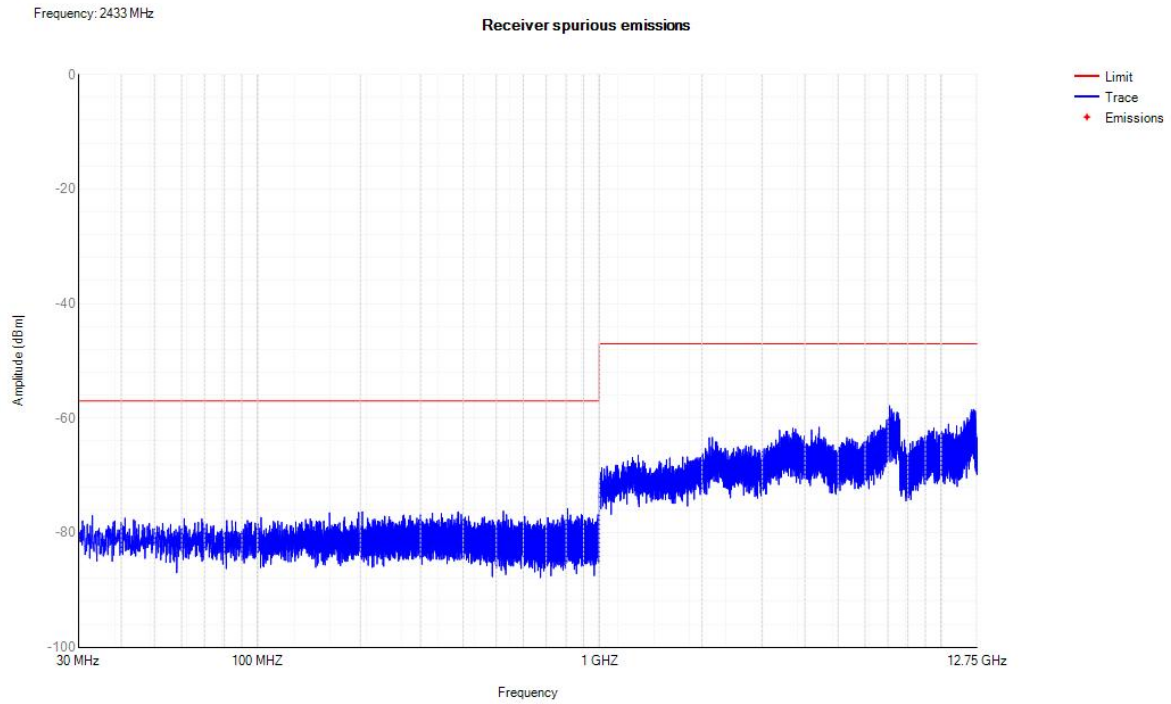
Rx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant1



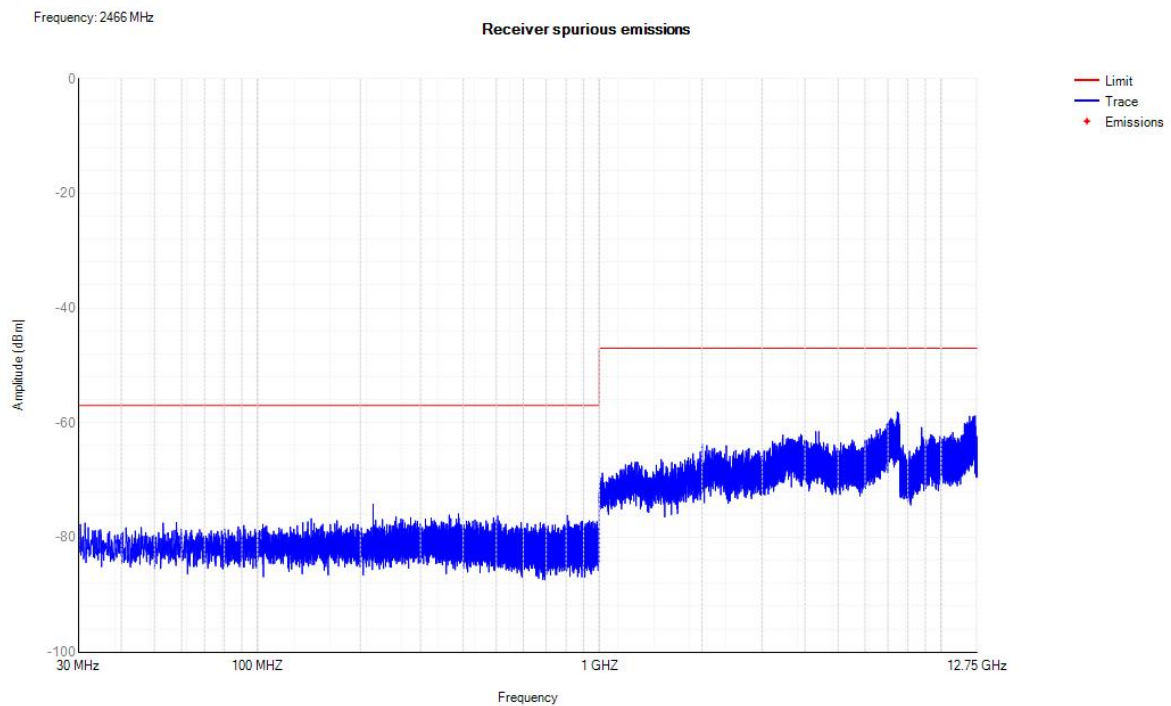
Rx. Spurious NVNT 2.4G SRD_10M 2411MHz Ant2



Rx. Spurious NVNT 2.4G SRD_10M 2433MHz Ant2

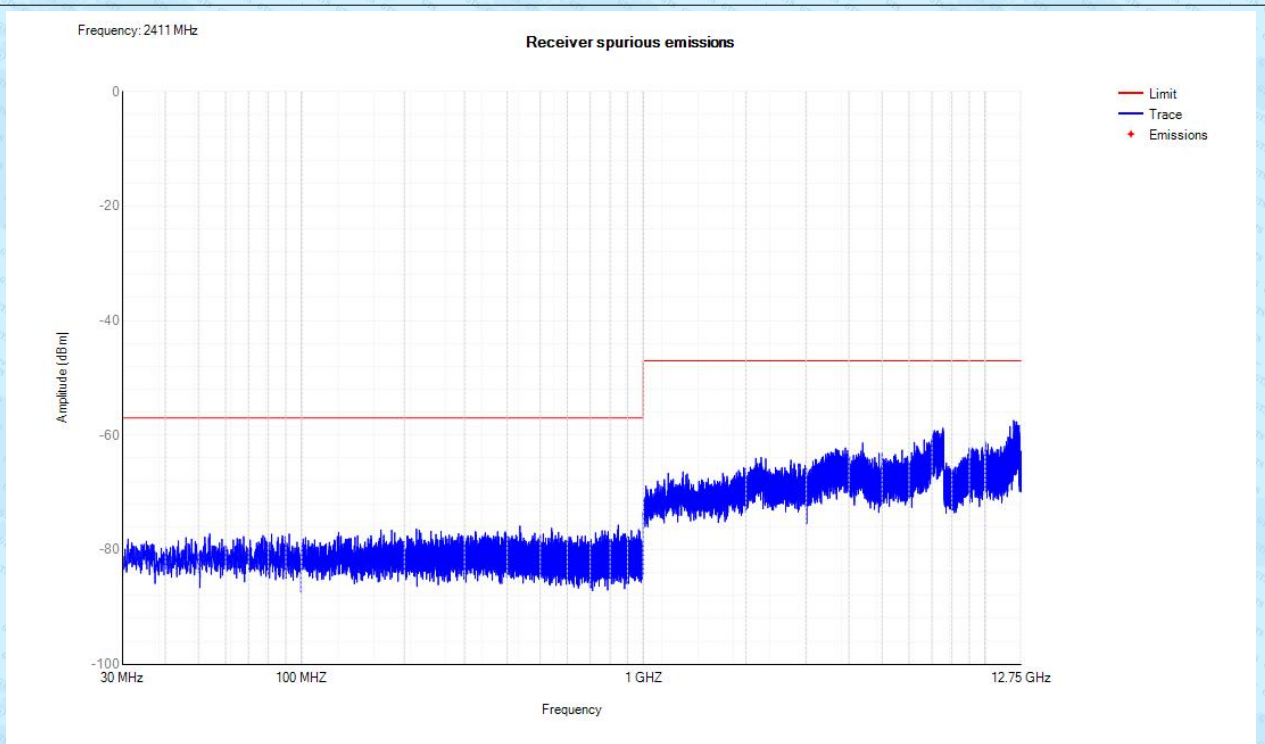


Rx. Spurious NVNT 2.4G SRD_10M 2466MHz Ant2

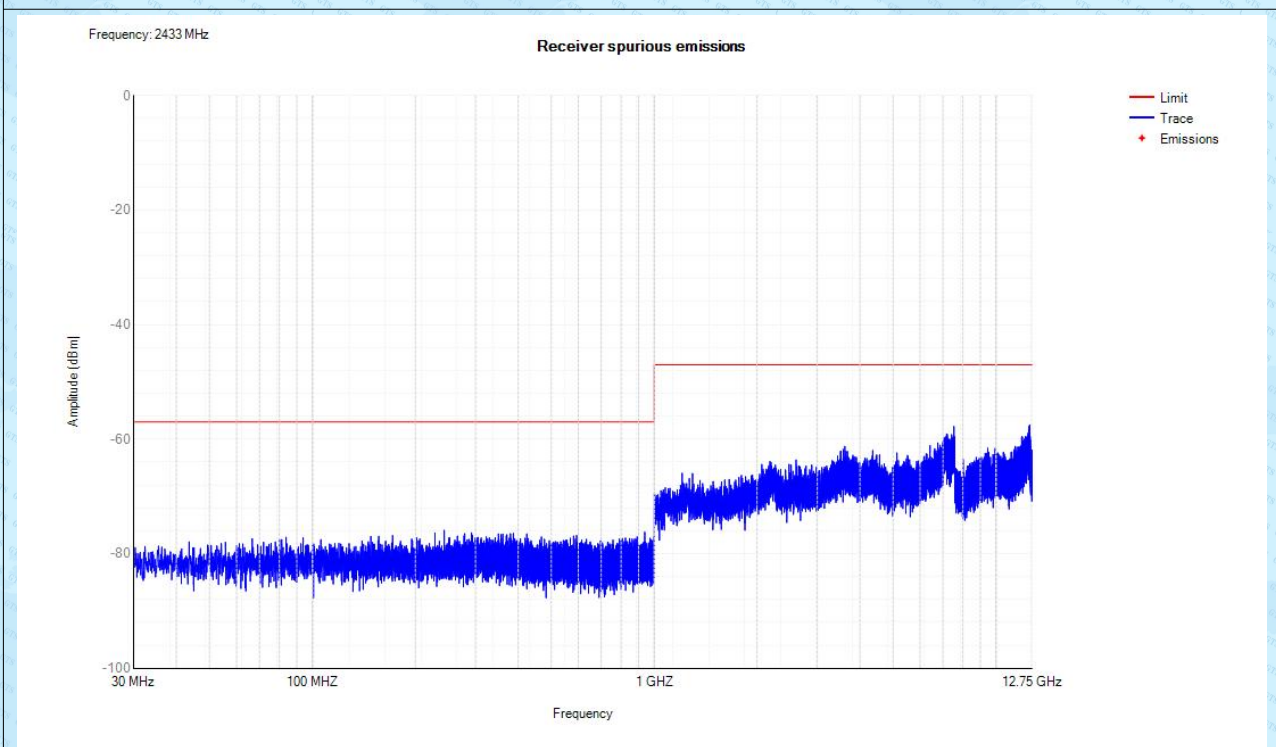


Test Graphs

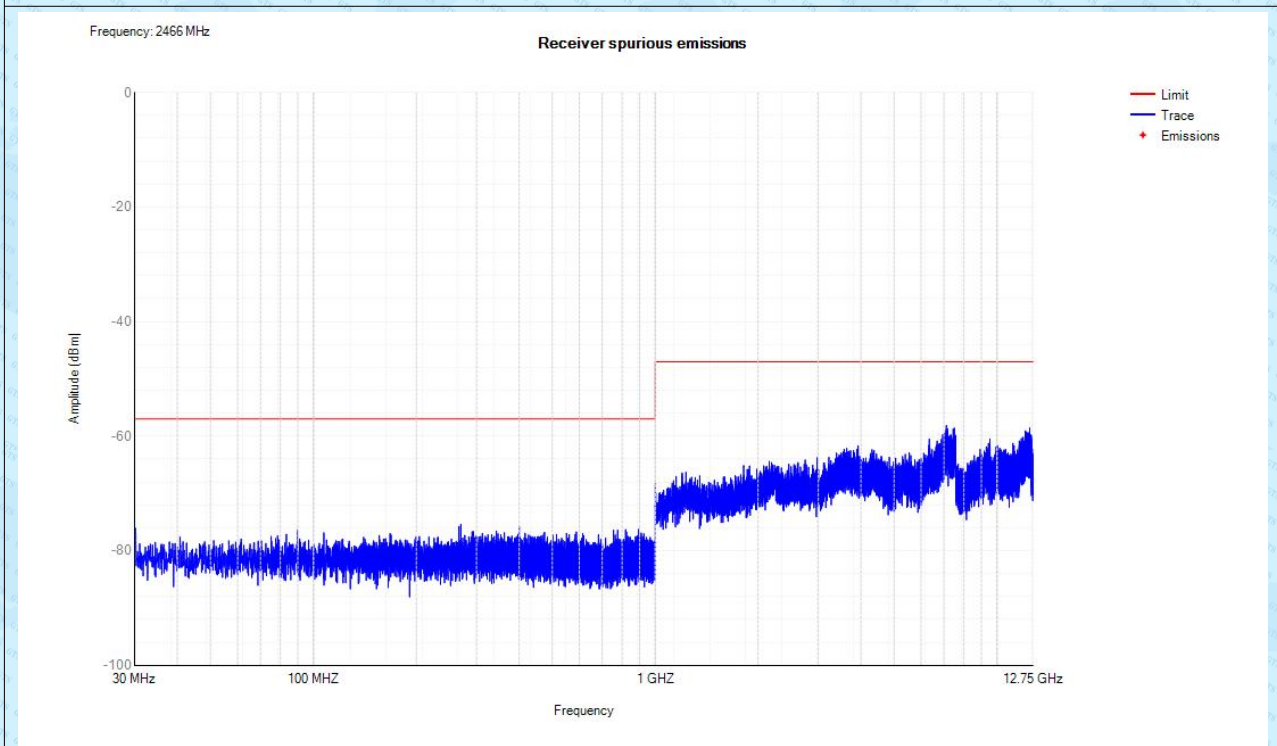
Rx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant1



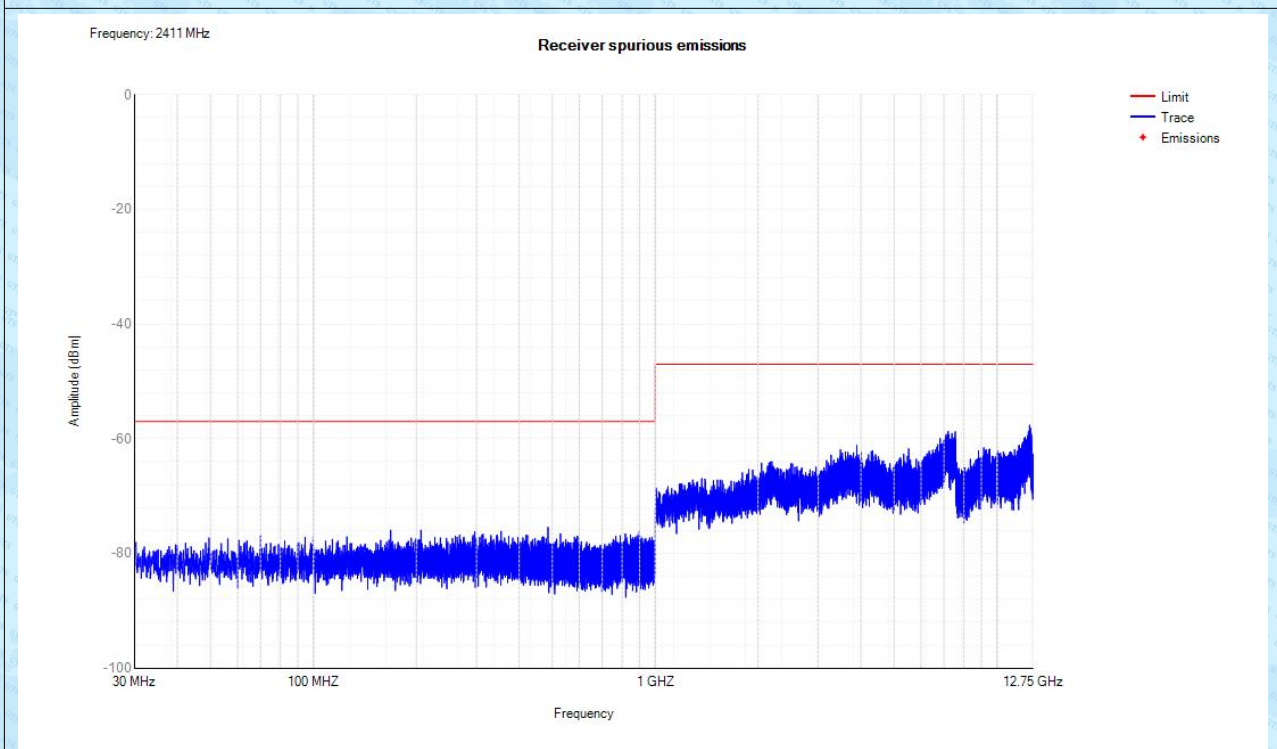
Rx. Spurious NVNT 2.4G SRD_20M 2433MHz Ant1



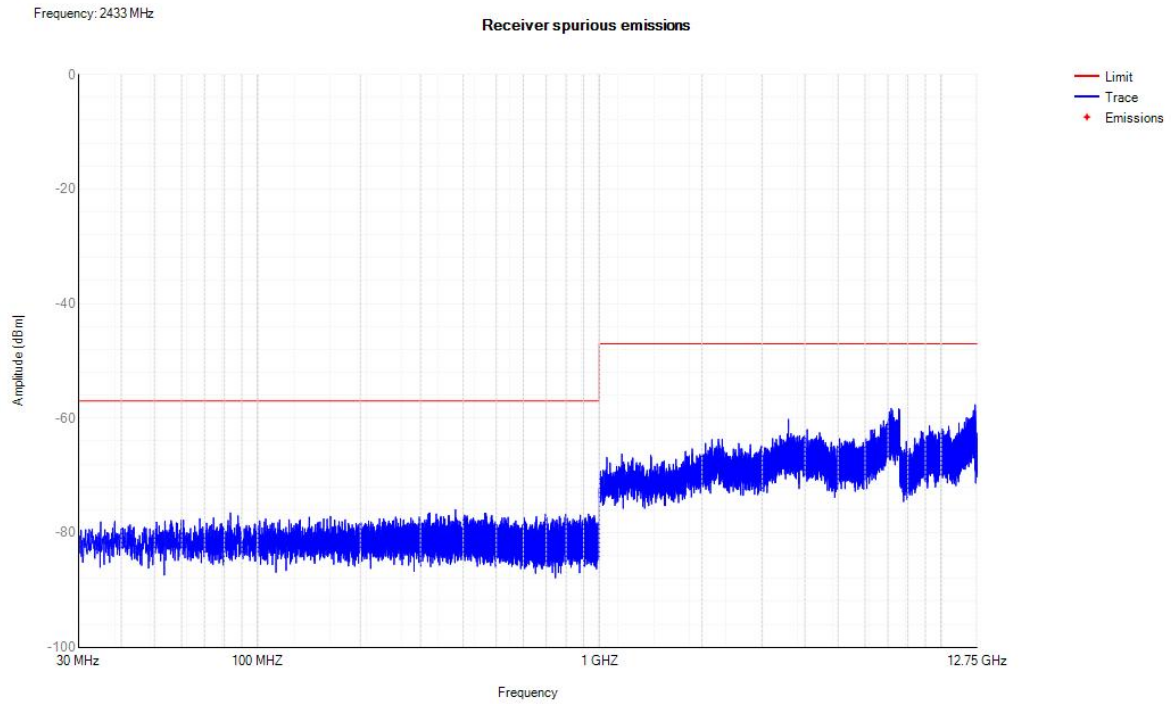
Rx. Spurious NVNT 2.4G SRD_20M 2466MHz Ant1



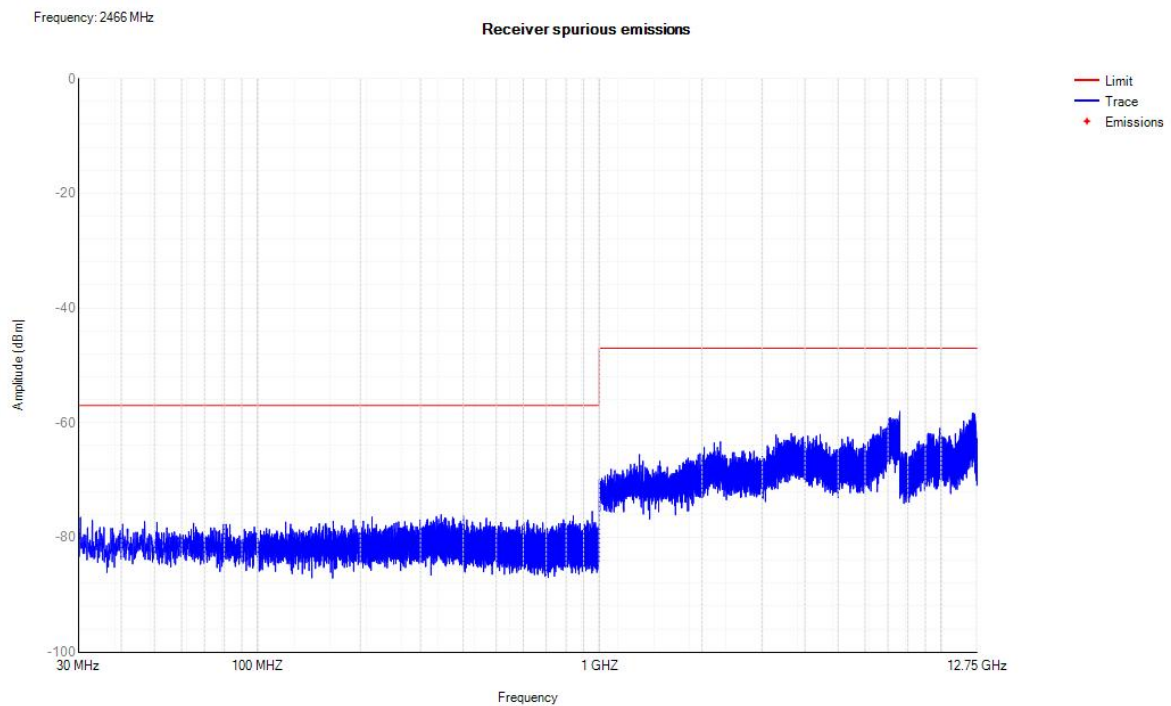
Rx. Spurious NVNT 2.4G SRD_20M 2411MHz Ant2



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)		
83.30	Vertical	-65.47	2nW/ -57dBm below 1GHz, 20nW/ -47dBm above 1GHz.	Pass
172.03	V	-67.29		
4822.00	V	-62.45		
86.10	Horizontal	-69.14		
162.78	H	-68.26		
4822.00	H	-61.48		
2.4G SRD_10M 2466 channel				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
82.60	Vertical	-65.03	2nW/ -57dBm below 1GHz, 20nW/ -47dBm above 1GHz.	Pass
168.80	V	-69.06		
4932.00	V	-62.06		
85.44	Horizontal	-70.61		
161.23	H	-68.83		
4932.00	H	-61.01		

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	-64.10	2380	-30.10	0	10	Pass
				-70.10	2300	-30.10	0	10	Pass
				-70.10	2330	-30.10	0	10	Pass
				-70.10	2360	-30.10	0	10	Pass
		2466		-64.10	2504	-30.10	0	10	Pass
				-70.10	2524	-30.10	0	10	Pass
				-70.10	2584	-30.10	0	10	Pass
				-70.10	2674	-30.10	0	10	Pass
		2411	Ant2	-64.10	2380	-30.10	0	10	Pass
				-70.10	2300	-30.10	0	10	Pass
				-70.10	2330	-30.10	0	10	Pass
				-70.10	2360	-30.10	0	10	Pass
		2466		-64.10	2504	-30.10	0	10	Pass
				-70.10	2524	-30.10	0	10	Pass
				-70.10	2584	-30.10	0	10	Pass
				-70.10	2674	-30.10	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	-64.10	2380	-30.10	0	10	Pass	
				-70.10	2300	-30.10	0	10	Pass	
				-70.10	2330	-30.10	0	10	Pass	
				-70.10	2360	-30.10	0	10	Pass	
		2466		-64.10	2504	-30.10	0	10	Pass	
				-70.10	2524	-30.10	0	10	Pass	
				-70.10	2584	-30.10	0	10	Pass	
				-70.10	2674	-30.10	0	10	Pass	
		2411	Ant2	-64.10	2380	-30.10	0	10	Pass	
				-70.10	2300	-30.10	0	10	Pass	
				-70.10	2330	-30.10	0	10	Pass	
				-70.10	2360	-30.10	0	10	Pass	
				2466	-64.10	2504	-30.10	0	10	Pass
					-70.10	2524	-30.10	0	10	Pass
					-70.10	2584	-30.10	0	10	Pass
					-70.10	2674	-30.10	0	10	Pass

-----End-----