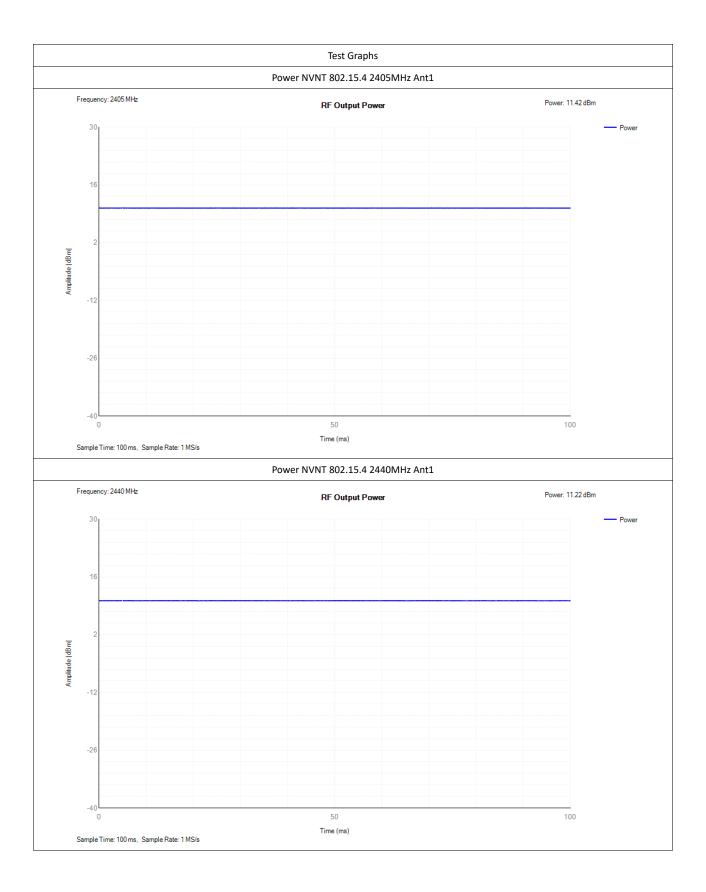
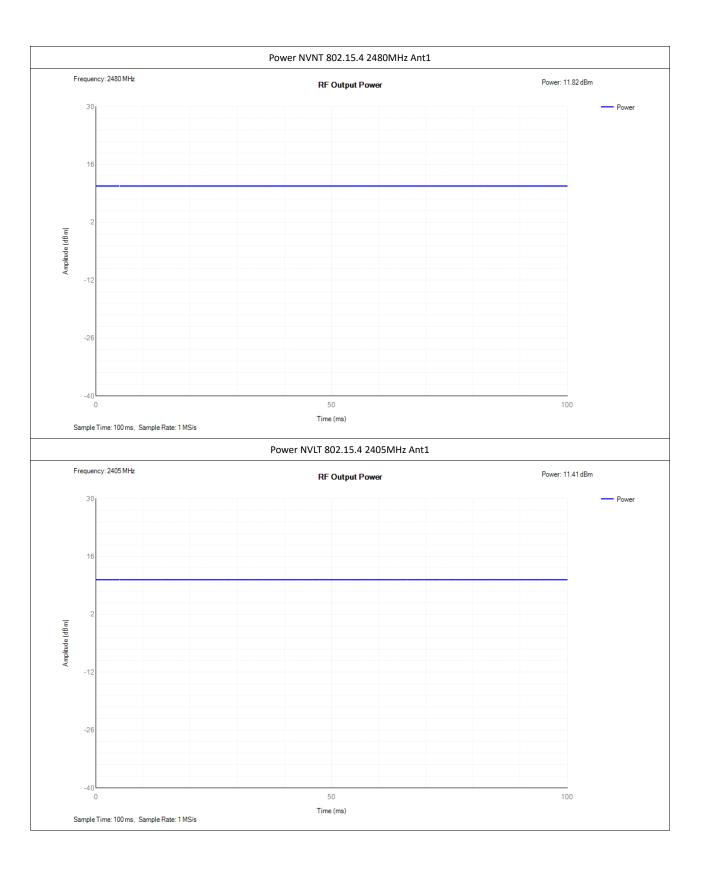
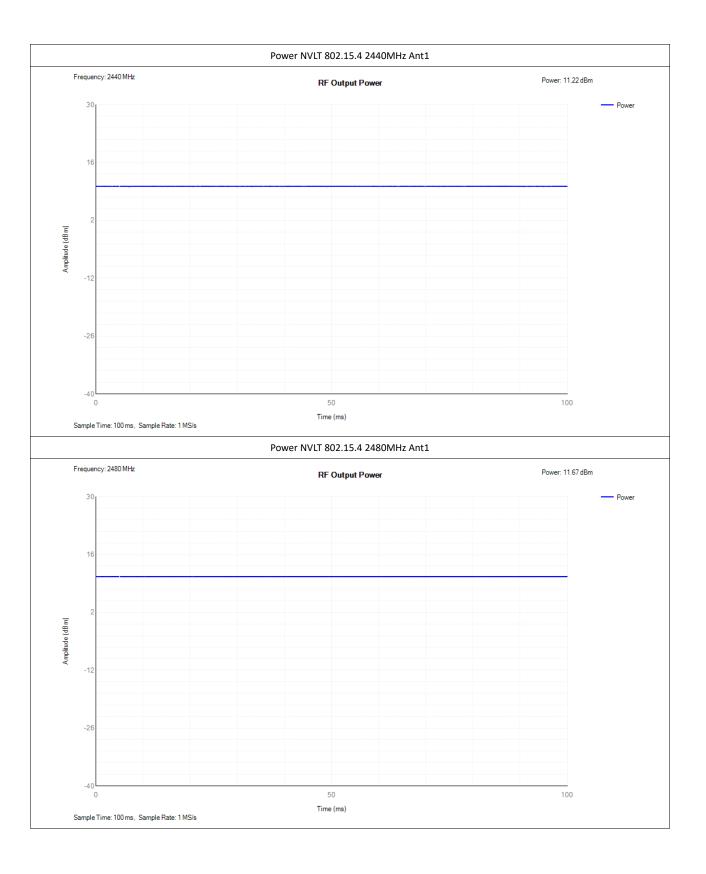
Appendix B

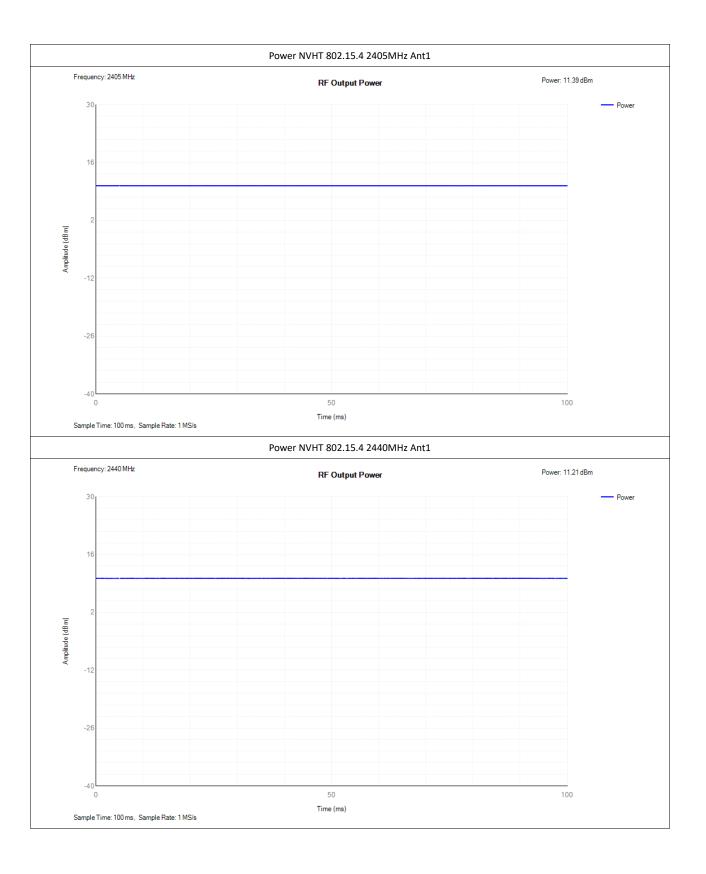
RF Output Power

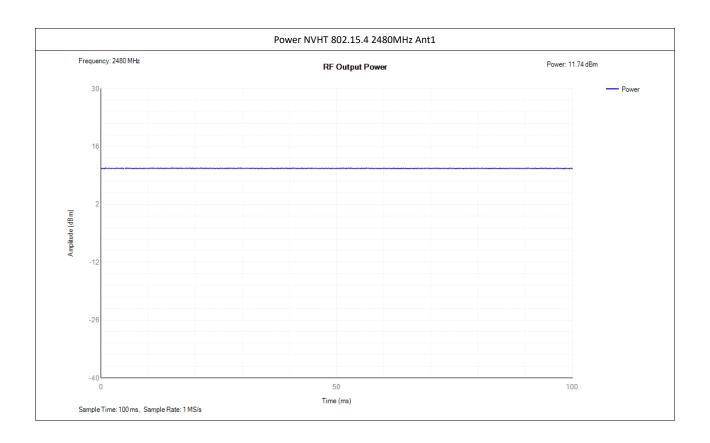
Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Gain (dB)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	802.15.4	2405	Ant1	10.42	1	11.42	20	Pass
NVNT	802.15.4	2440	Ant1	10.22	1	11.22	20	Pass
NVNT	802.15.4	2480	Ant1	10.82	1	11.82	20	Pass
NVLT	802.15.4	2405	Ant1	10.41	1	11.41	20	Pass
NVLT	802.15.4	2440	Ant1	10.22	1	11.22	20	Pass
NVLT	802.15.4	2480	Ant1	10.67	1	11.67	20	Pass
NVHT	802.15.4	2405	Ant1	10.39	1	11.39	20	Pass
NVHT	802.15.4	2440	Ant1	10.21	1	11.21	20	Pass
NVHT	802.15.4	2480	Ant1	10.74	1	11.74	20	Pass





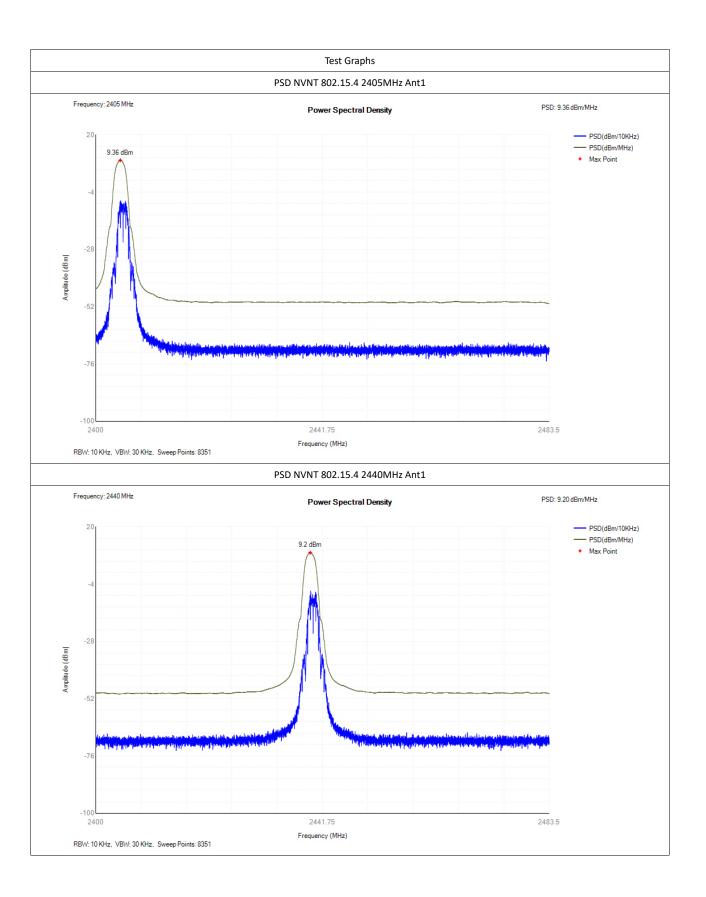


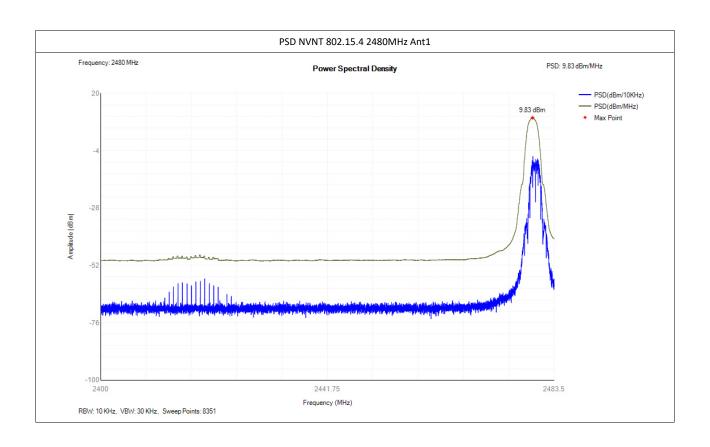




Power Spectral Density

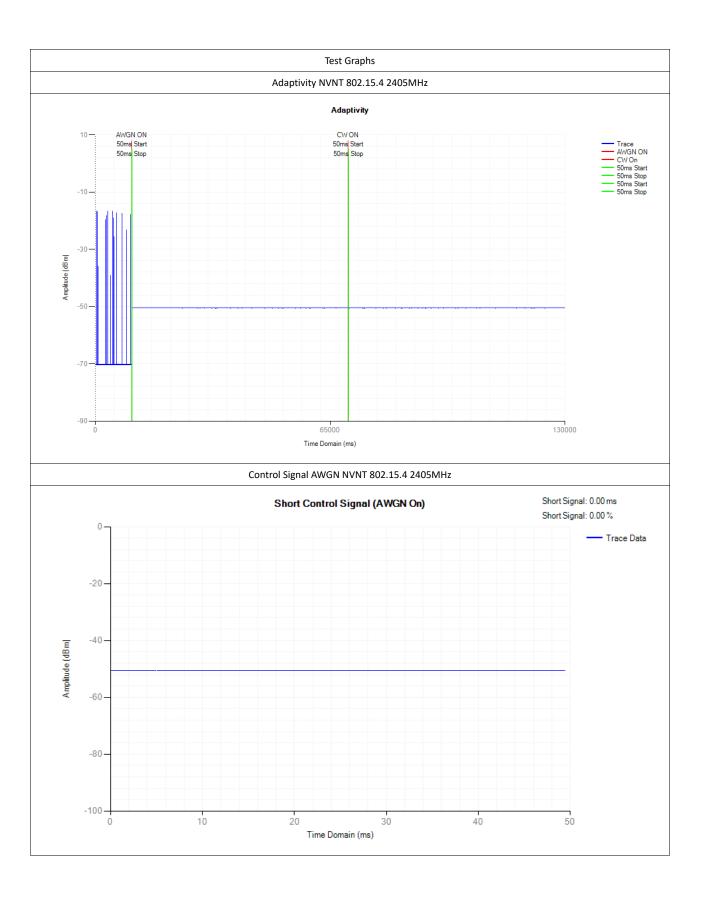
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	802.15.4	2405	Ant1	9.36	10	Pass
NVNT	802.15.4	2440	Ant1	9.2	10	Pass
NVNT	802.15.4	2480	Ant1	9.83	10	Pass

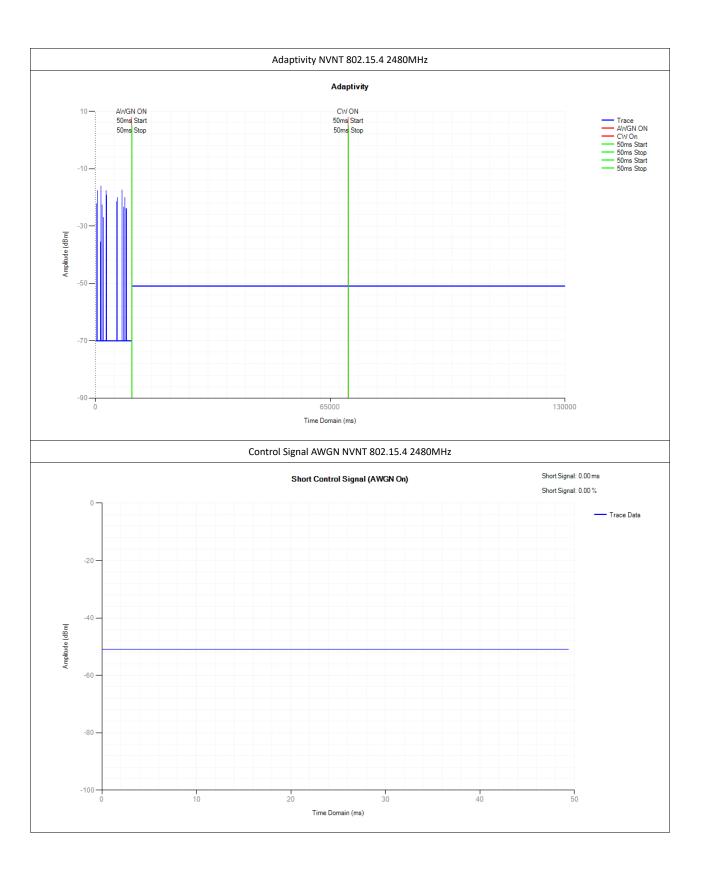




Adaptivity

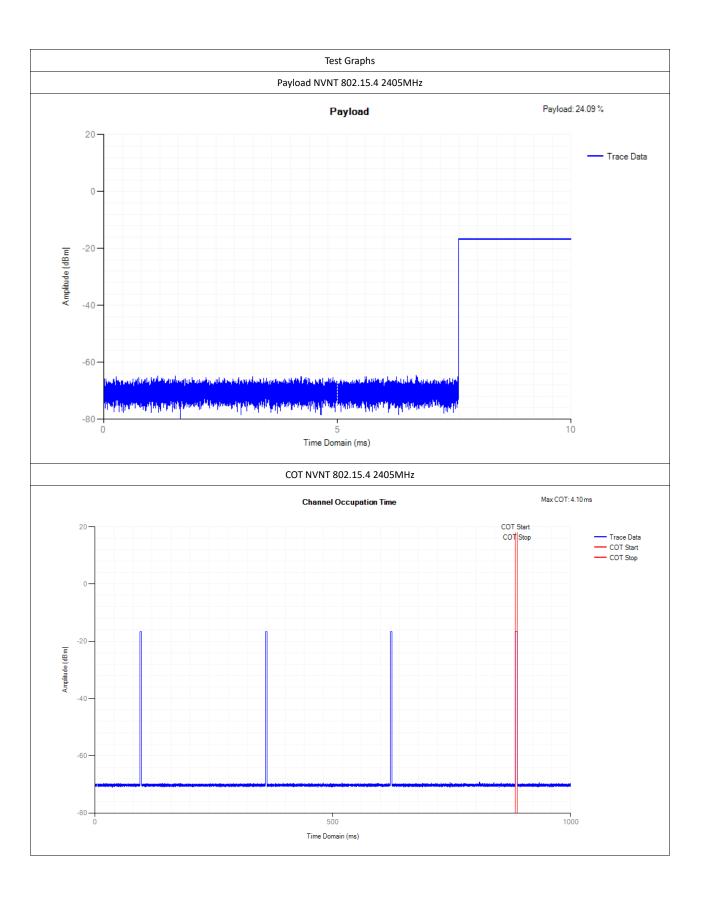
Condition	Mode	Frequency	Antenna	AWGN Level	CW Level	AWGN Short	CW Short	Limit	Verdict
		(MHz)		(dBm)	(dBm)	Control(%)	Control(%)	(%)	
NVNT	802.15.4	2405	Ant1	-61.39	-35	0	0	<=10	Pass
NVNT	802.15.4	2480	Ant1	-61.74	-35	0	0	<=10	Pass

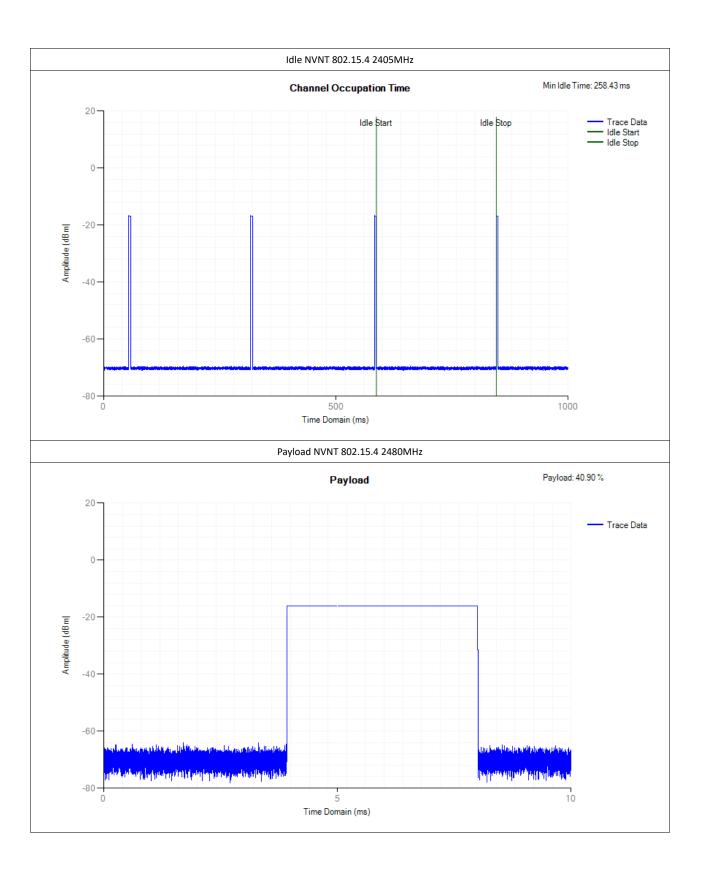


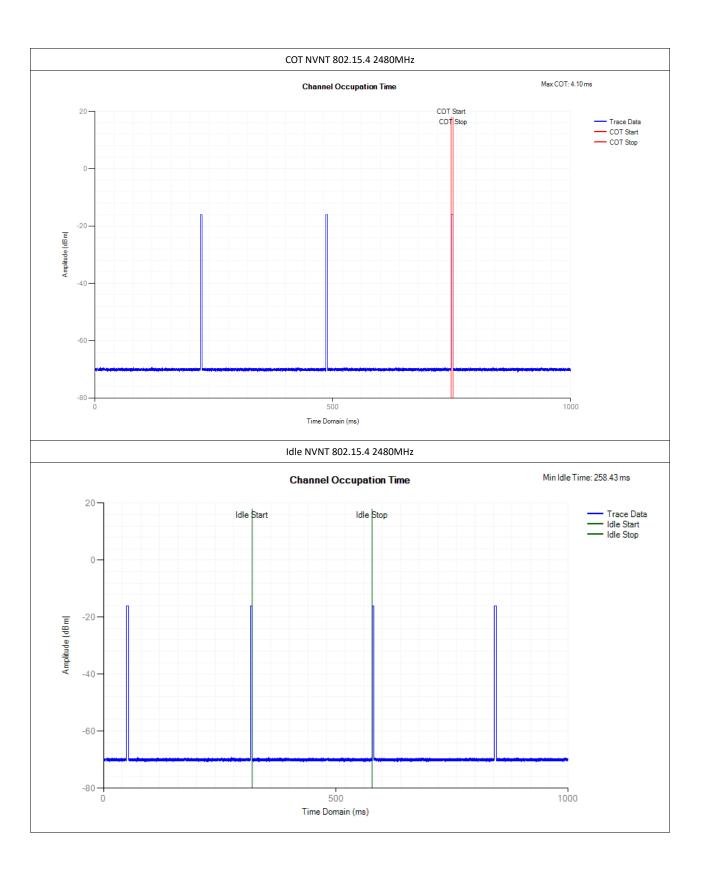


Adaptivity COT

Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms) Limit COT (Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	802.15.4	2405	Ant1	24.09	4.1	<=13	258.433	>0.018	Pass
NVNT	802.15.4	2480	Ant1	40.9	4.1	<=13	258.433	>0.018	Pass

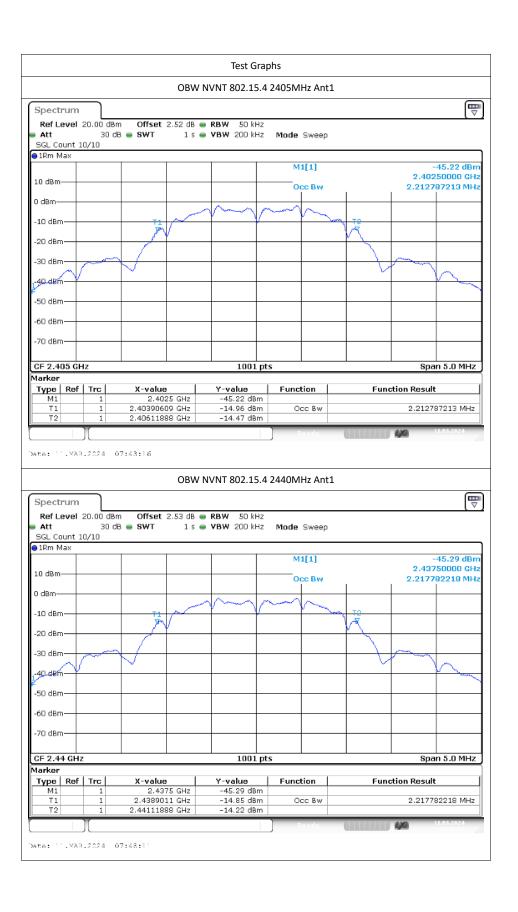


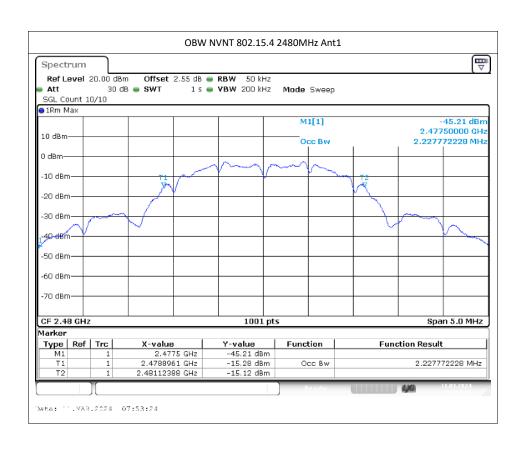




Occupied Channel Bandwidth

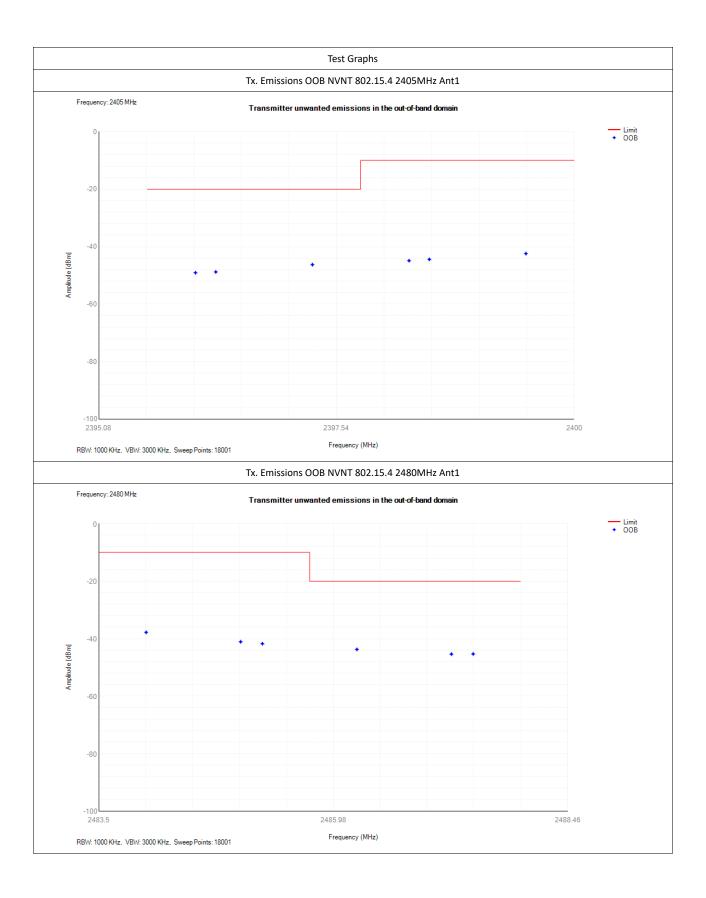
Condition	Mode	Frequency	Antenna	Center Frequency	OBW Lower Edge		Upper Edge	Limit OBW	Verdict
		(MHz)		(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	
NVNT	802.15.4	2405	Ant1	1201.953	2.21	2403.906	2406.118	2400 -	Pass
								2483.5MHz	
NVNT	802.15.4	2440	Ant1	1219.451	2.22	2438.901	2441.121	2400 -	Pass
								2483.5MHz	
NVNT	802.15.4	2480	Ant1	1239.448	2.23	2478.896	2481.126	2400 -	Pass
								2483.5MHz	





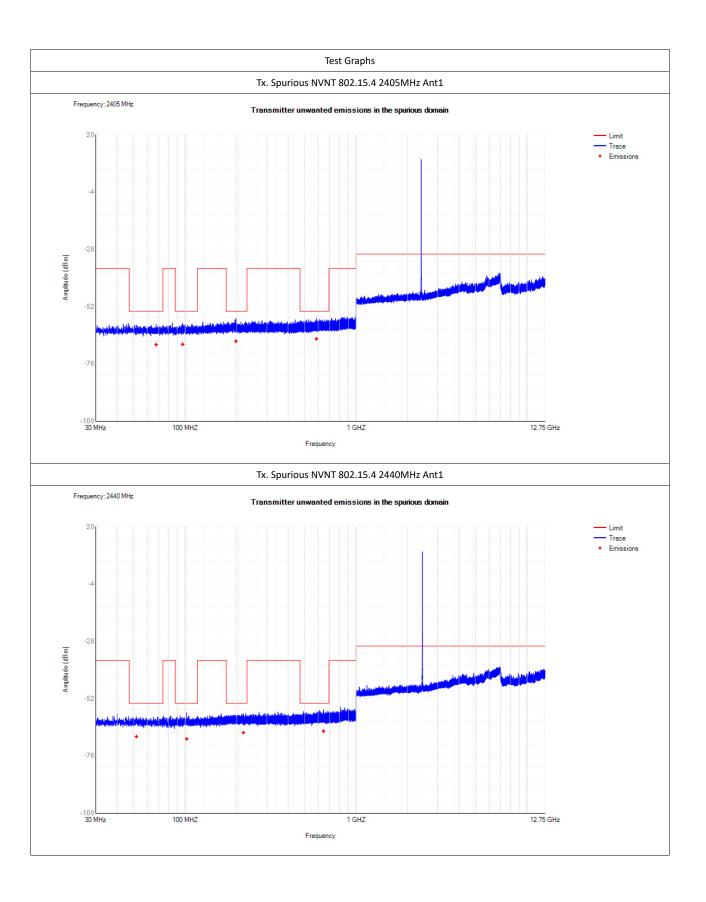
Transmitter unwanted emissions in the out-of-band domain

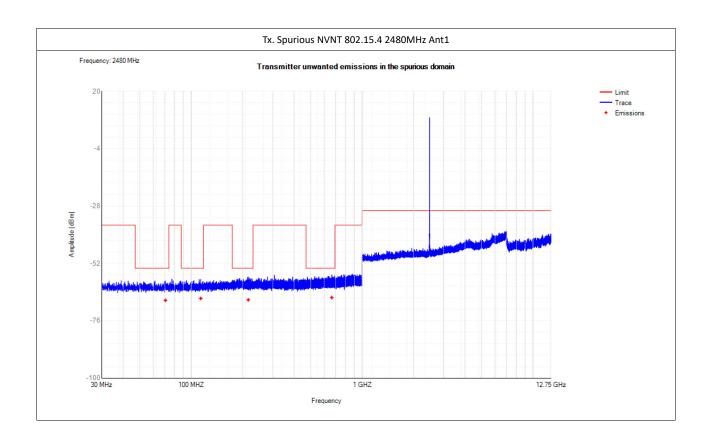
Condition	Mode	Frequency (MHz)	Antenna	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	802.15.4	2405	Ant1	2399.5	-42.41	-10	Pass
NVNT	802.15.4	2405	Ant1	2398.5	-44.41	-10	Pass
NVNT	802.15.4	2405	Ant1	2398.29	-44.88	-10	Pass
NVNT	802.15.4	2405	Ant1	2397.29	-46.25	-20	Pass
NVNT	802.15.4	2405	Ant1	2396.29	-48.79	-20	Pass
NVNT	802.15.4	2405	Ant1	2396.08	-49.06	-20	Pass
NVNT	802.15.4	2480	Ant1	2484	-37.8	-10	Pass
NVNT	802.15.4	2480	Ant1	2485	-41.08	-10	Pass
NVNT	802.15.4	2480	Ant1	2485.23	-41.75	-10	Pass
NVNT	802.15.4	2480	Ant1	2486.23	-43.74	-20	Pass
NVNT	802.15.4	2480	Ant1	2487.23	-45.37	-20	Pass
NVNT	802.15.4	2480	Ant1	2487.46	-45.32	-20	Pass



Transmitter unwanted emissions in the spurious domain

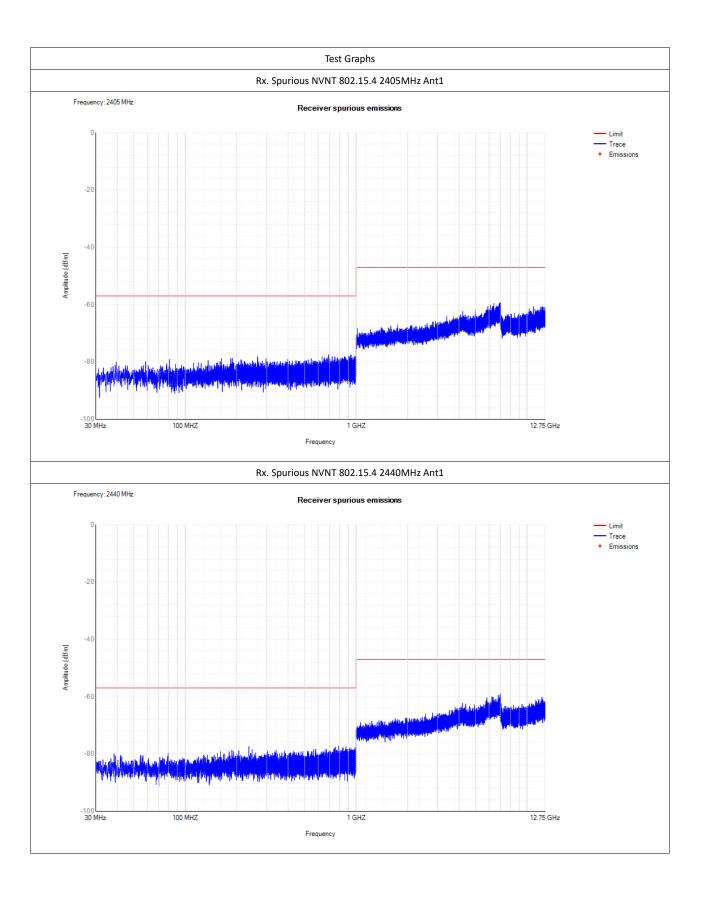
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	802.15.4	2405	Ant1	30 -47	46.65	-59.04	NA	-36	Pass
NVNT	802.15.4	2405	Ant1	47 -74	67.60	-59.44	-67.98	-54	Pass
NVNT	802.15.4	2405	Ant1	74 -87.5	84.15	-58.84	NA	-36	Pass
NVNT	802.15.4	2405	Ant1	87.5 -118	96.55	-59.10	-67.83	-54	Pass
NVNT	802.15.4	2405	Ant1	118 -174	126.95	-58.43	NA	-36	Pass
NVNT	802.15.4	2405	Ant1	174 -230	197.85	-56.99	-66.51	-54	Pass
NVNT	802.15.4	2405	Ant1	230 -470	439.95	-57.50	NA	-36	Pass
NVNT	802.15.4	2405	Ant1	470 -694	586.05	-56.82	-65.55	-54	Pass
NVNT	802.15.4	2405	Ant1	694 -1000	992.15	-56.20	NA	-36	Pass
NVNT	802.15.4	2405	Ant1	1000 -2398	2397.00	-41.95	NA	-30	Pass
NVNT	802.15.4	2405	Ant1	2485.5 -12750	6962.00	-37.93	NA	-30	Pass
NVNT	802.15.4	2440	Ant1	30 -47	40.05	-58.44	NA	-36	Pass
NVNT	802.15.4	2440	Ant1	47 -74	51.80	-59.71	-67.93	-54	Pass
NVNT	802.15.4	2440	Ant1	74 -87.5	74.55	-59.19	NA	-36	Pass
NVNT	802.15.4	2440	Ant1	87.5 -118	102.00	-57.94	-68.91	-54	Pass
NVNT	802.15.4	2440	Ant1	118 -174	162.85	-58.33	NA	-36	Pass
NVNT	802.15.4	2440	Ant1	174 -230	219.15	-58.32	-66.27	-54	Pass
NVNT	802.15.4	2440	Ant1	230 -470	349.10	-57.65	NA	-36	Pass
NVNT	802.15.4	2440	Ant1	470 -694	644.75	-56.68	-65.63	-54	Pass
NVNT	802.15.4	2440	Ant1	694 -1000	809.60	-55.70	NA	-36	Pass
NVNT	802.15.4	2440	Ant1	1000 -2398	2239.00	-46.12	NA	-30	Pass
NVNT	802.15.4	2440	Ant1	2485.5 -12750	6975.00	-38.68	NA	-30	Pass
NVNT	802.15.4	2480	Ant1	30 -47	38.90	-59.18	NA	-36	Pass
NVNT	802.15.4	2480	Ant1	47 -74	70.65	-59.35	-67.47	-54	Pass
NVNT	802.15.4	2480	Ant1	74 -87.5	77.05	-58.55	NA	-36	Pass
NVNT	802.15.4	2480	Ant1	87.5 -118	113.75	-58.69	-66.68	-54	Pass
NVNT	802.15.4	2480	Ant1	118 -174	147.50	-59.07	NA	-36	Pass
NVNT	802.15.4	2480	Ant1	174 -230	215.85	-57.72	-67.26	-54	Pass
NVNT	802.15.4	2480	Ant1	230 -470	306.80	-56.94	NA	-36	Pass
NVNT	802.15.4	2480	Ant1	470 -694	664.80	-56.77	-66.32	-54	Pass
NVNT	802.15.4	2480	Ant1	694 -1000	875.35	-56.42	NA	-36	Pass
NVNT	802.15.4	2480	Ant1	1000 -2398	1953.50	-45.63	NA	-30	Pass
NVNT	802.15.4	2480	Ant1	2485.5 -12750	6988.50	-38.43	NA	-30	Pass

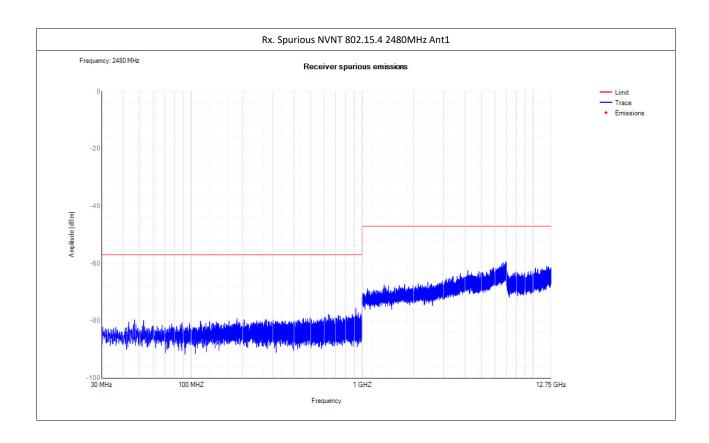




Receiver spurious emissions

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	802.15.4	2405	Ant1	30 -1000	690.6	-77.49	NA	-57	Pass
NVNT	802.15.4	2405	Ant1	1000 -12750	6999.5	-59.28	NA	-47	Pass
NVNT	802.15.4	2440	Ant1	30 -1000	790.95	-77.22	NA	-57	Pass
NVNT	802.15.4	2440	Ant1	1000 -12750	6984	-58.91	NA	-47	Pass
NVNT	802.15.4	2480	Ant1	30 -1000	918.95	-75.64	NA	-57	Pass
NVNT	802.15.4	2480	Ant1	1000 -12750	6995	-59.43	NA	-47	Pass





Receiver Blocking

Condition	Mode	Frequency	Antenna	Wanted Power	Blocking Frequency	Blocking Power	PER	Limit	Verdict
		(MHz)		(dBm)	(MHz)	(dBm)	(%)	(%)	
NVNT	802.15.4	2405	Ant1	-68.56	2380	-33	3.16	10	Pass
NVNT	802.15.4	2405	Ant1	-74.56	2300	-33	4.33	10	Pass
NVNT	802.15.4	2405	Ant1	-74.56	2330	-33	3.22	10	Pass
NVNT	802.15.4	2405	Ant1	-74.56	2360	-33	4.19	10	Pass
NVNT	802.15.4	2480	Ant1	-68.52	2504	-33	5.63	10	Pass
NVNT	802.15.4	2480	Ant1	-74.52	2524	-33	3.52	10	Pass
NVNT	802.15.4	2480	Ant1	-74.52	2584	-33	4.28	10	Pass
NVNT	802.15.4	2480	Ant1	-74.52	2674	-33	3.38	10	Pass

