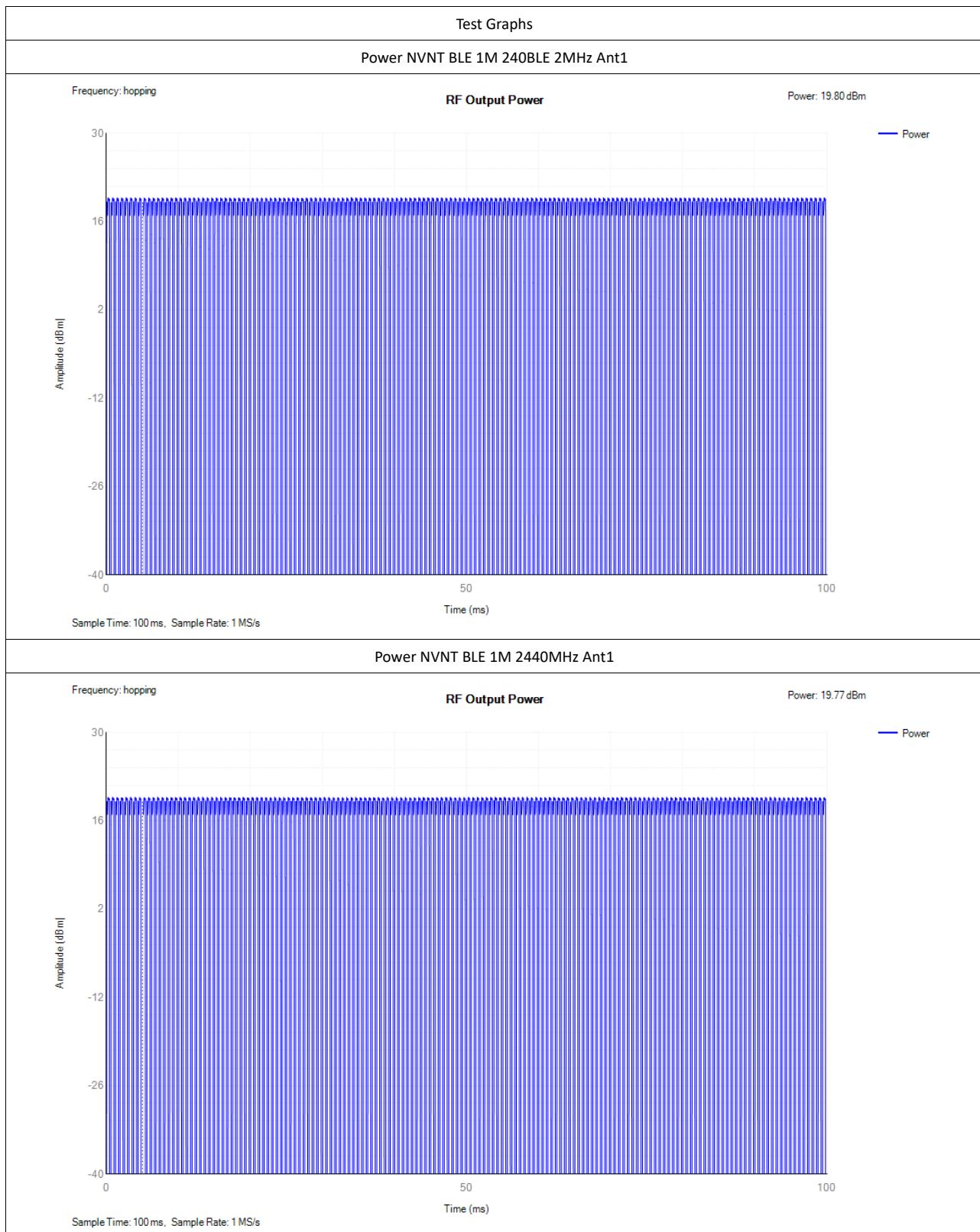
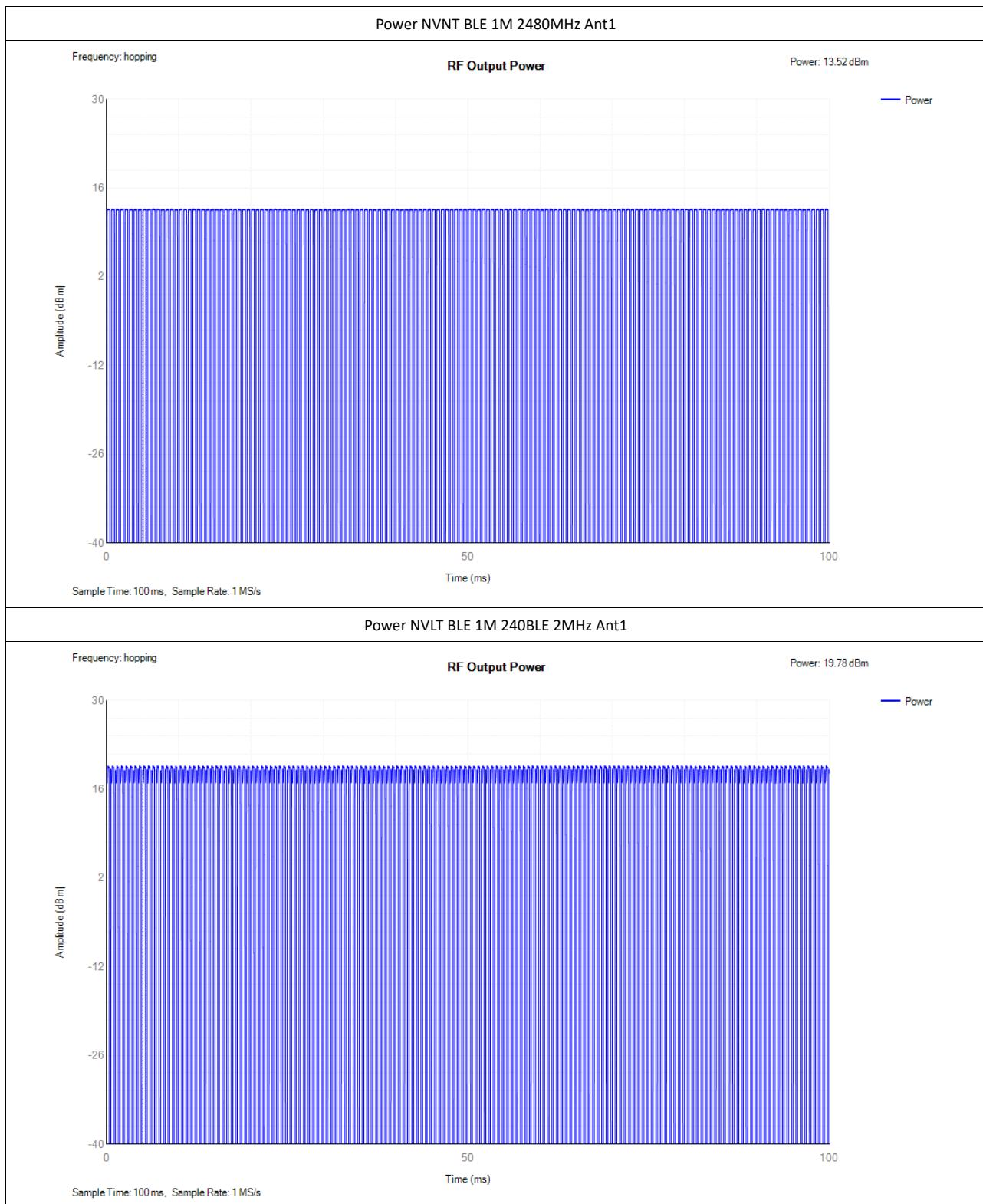


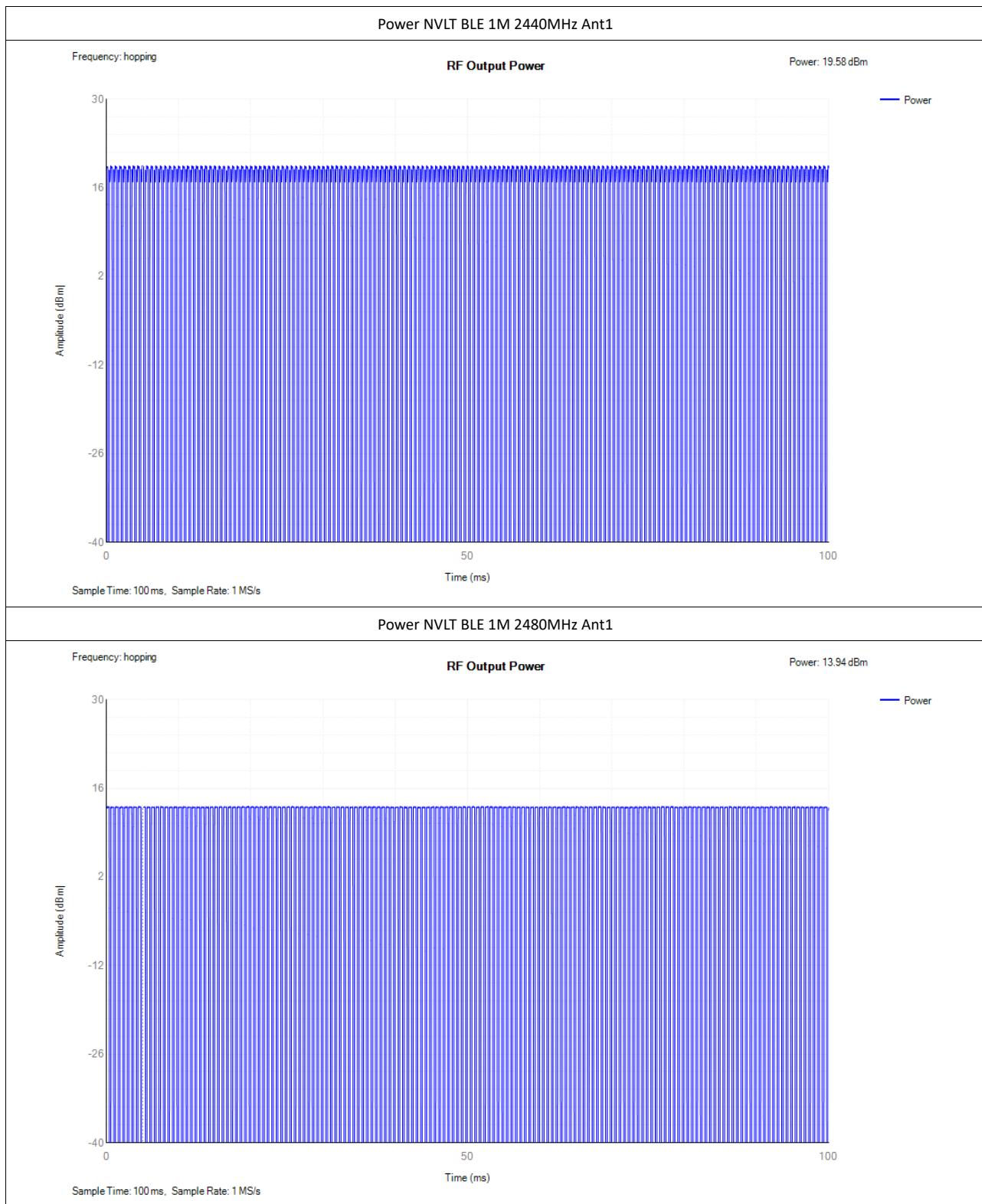
Appendix A

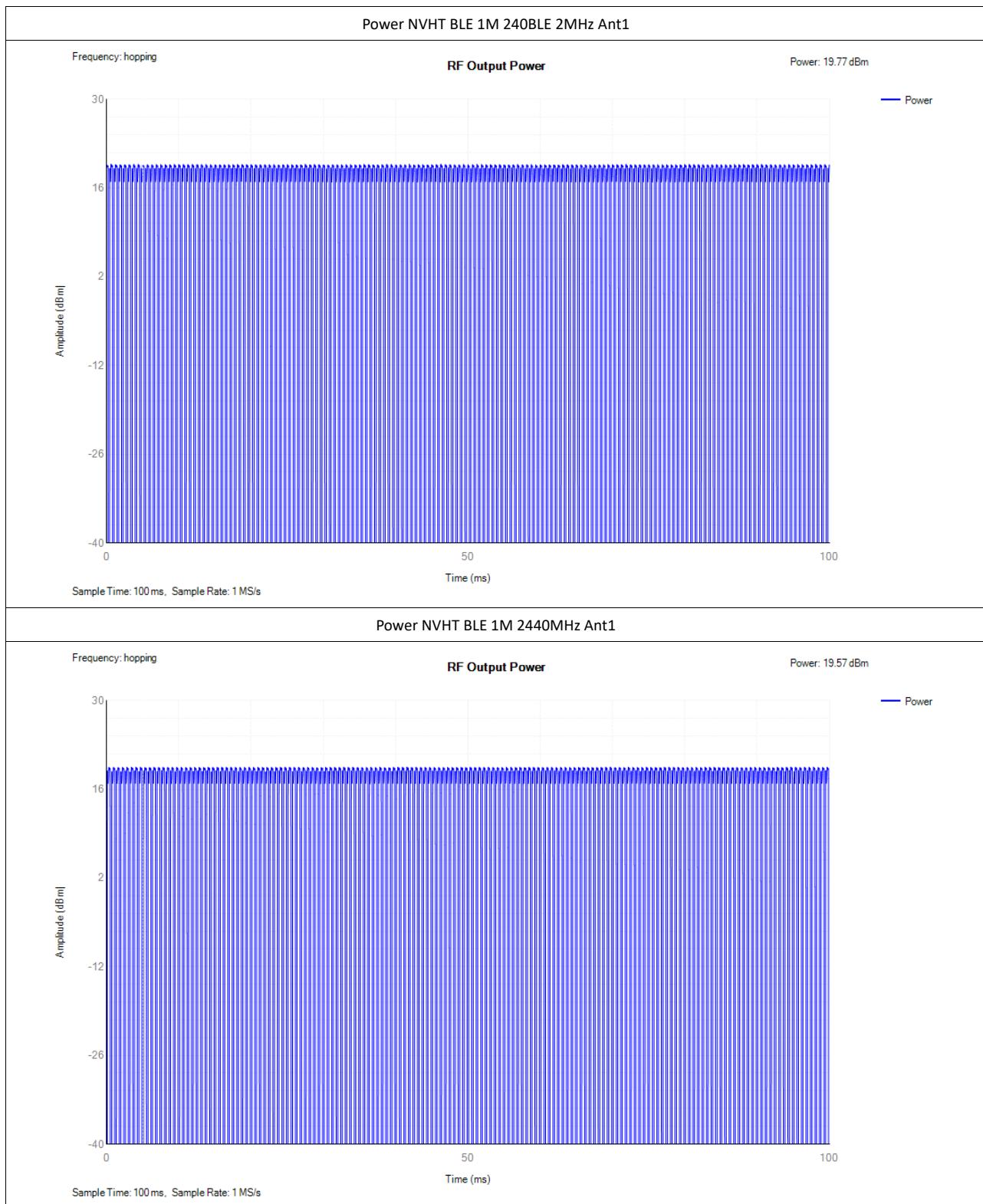
RF Output Power

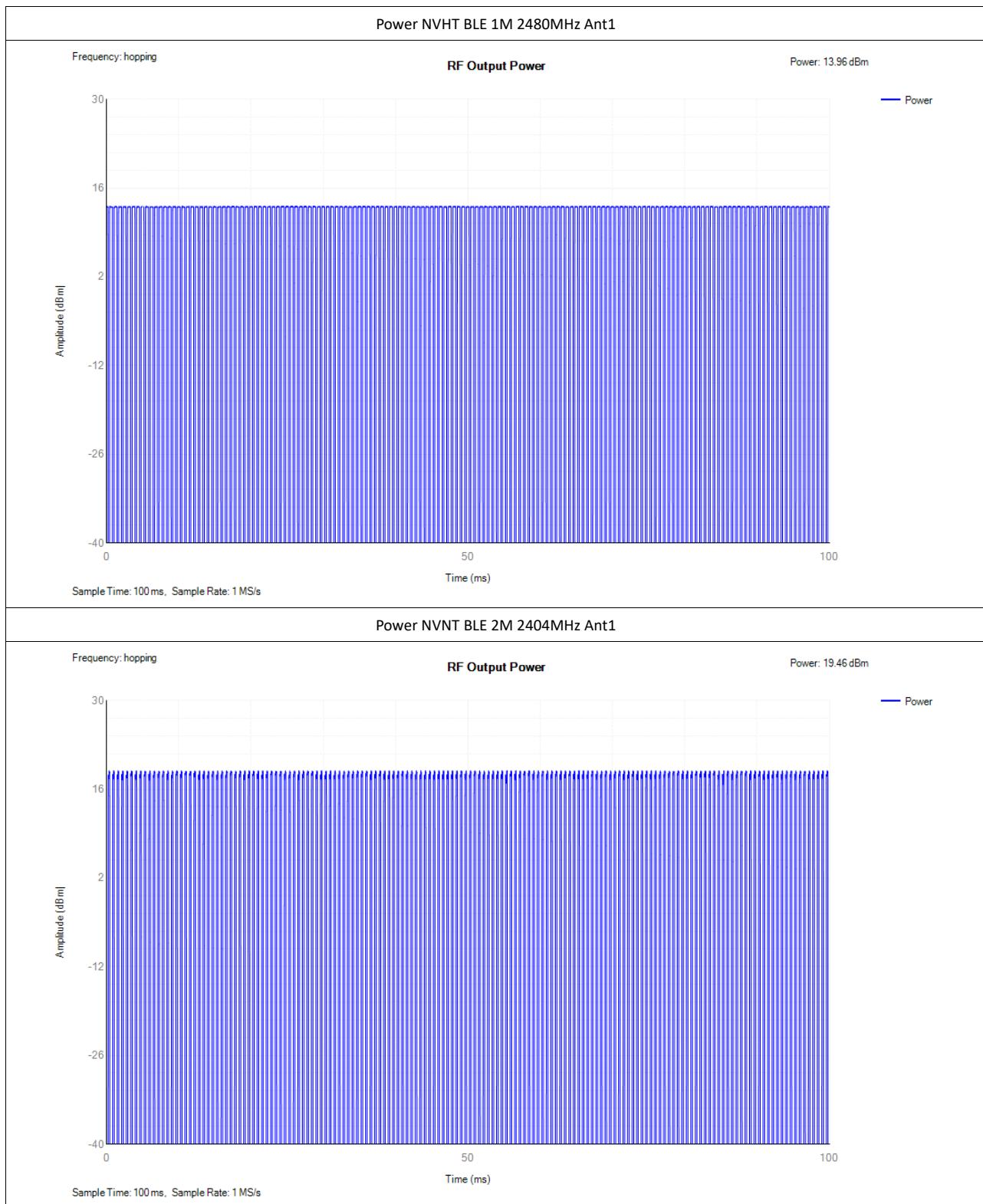
Condition	Mode	Frequency (MHz)	Antenna	Max Burst RMS Power (dBm)	Burst Number	Gain (dB)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	hopping	Ant1	18.8	160	1	19.8	20	Pass
NVNT	BLE 1M	hopping	Ant1	18.77	160	1	19.77	20	Pass
NVNT	BLE 1M	hopping	Ant1	12.52	160	1	13.52	20	Pass
NVLT	BLE 1M	hopping	Ant1	18.78	161	1	19.78	20	Pass
NVLT	BLE 1M	hopping	Ant1	18.58	161	1	19.58	20	Pass
NVLT	BLE 1M	hopping	Ant1	12.94	161	1	13.94	20	Pass
NVHT	BLE 1M	hopping	Ant1	18.77	161	1	19.77	20	Pass
NVHT	BLE 1M	hopping	Ant1	18.57	160	1	19.57	20	Pass
NVHT	BLE 1M	hopping	Ant1	12.96	161	1	13.96	20	Pass
NVNT	BLE 2M	hopping	Ant1	18.46	160	1	19.46	20	Pass
NVNT	BLE 2M	hopping	Ant1	18.69	160	1	19.69	20	Pass
NVNT	BLE 2M	hopping	Ant1	14.31	160	1	15.31	20	Pass
NVLT	BLE 2M	hopping	Ant1	18.45	161	1	19.45	20	Pass
NVLT	BLE 2M	hopping	Ant1	18.66	160	1	19.66	20	Pass
NVLT	BLE 2M	hopping	Ant1	14.33	160	1	15.33	20	Pass
NVHT	BLE 2M	hopping	Ant1	18.2	161	1	19.2	20	Pass
NVHT	BLE 2M	hopping	Ant1	18.69	161	1	19.69	20	Pass
NVHT	BLE 2M	hopping	Ant1	14.35	161	1	15.35	20	Pass

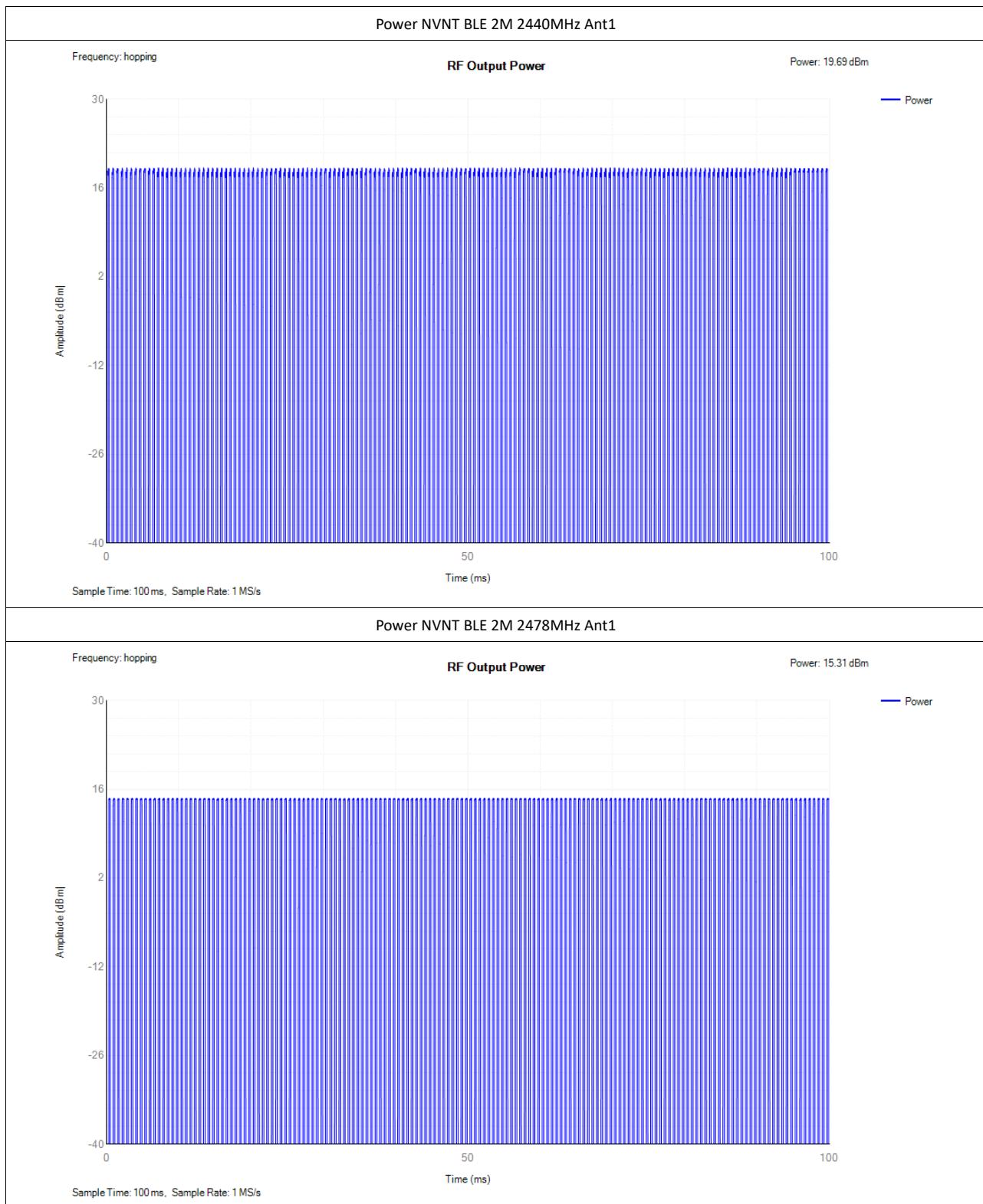


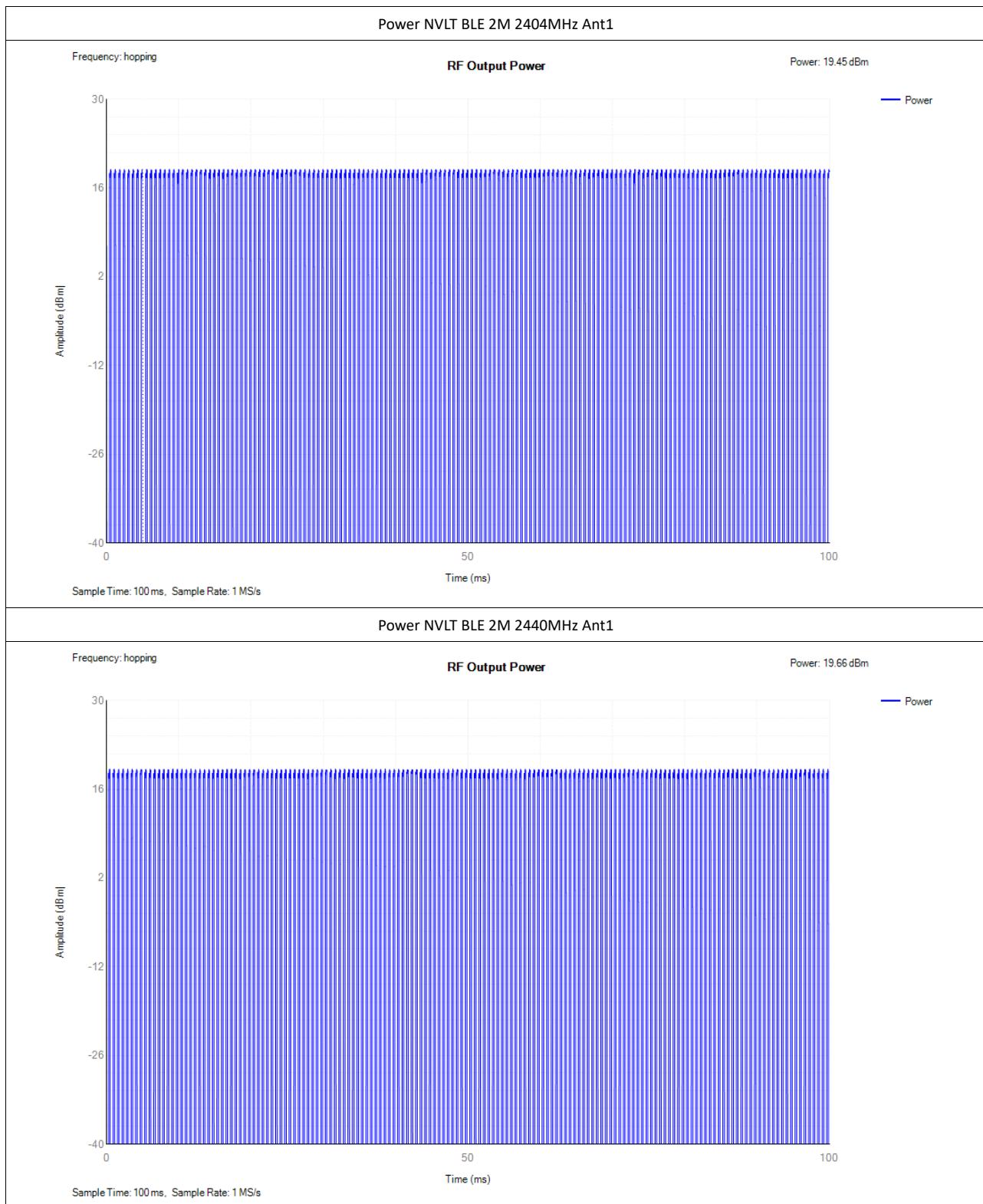


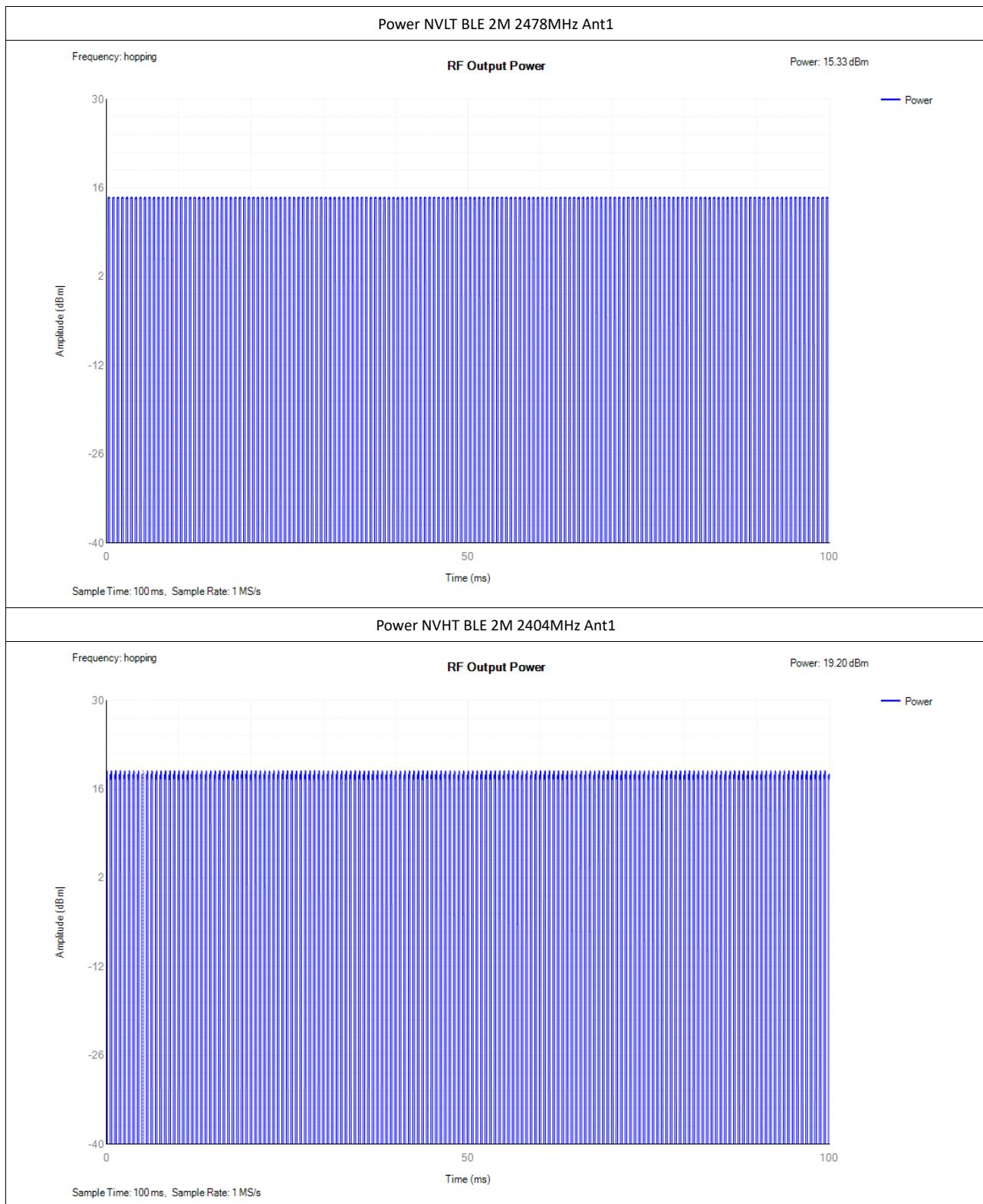


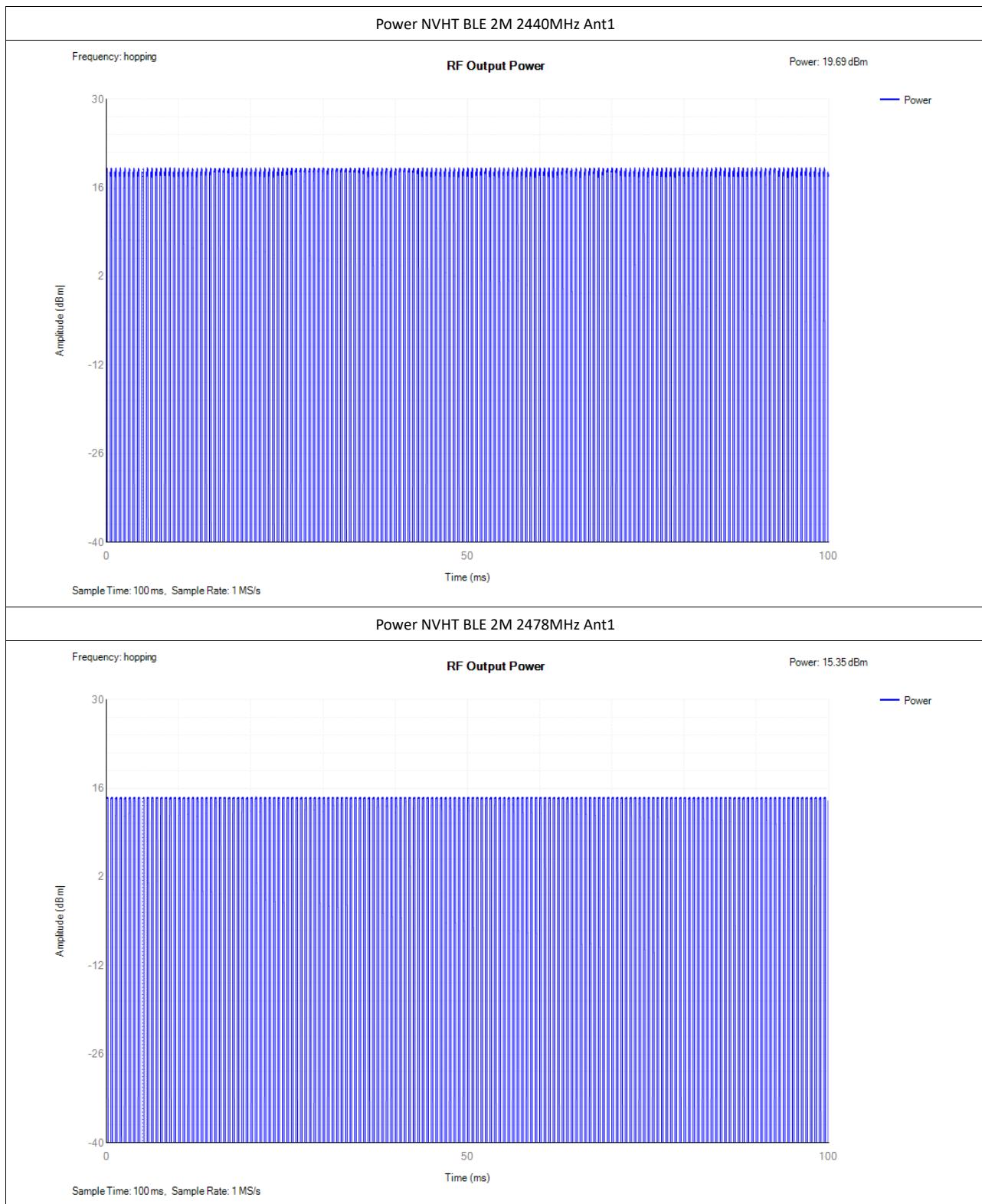






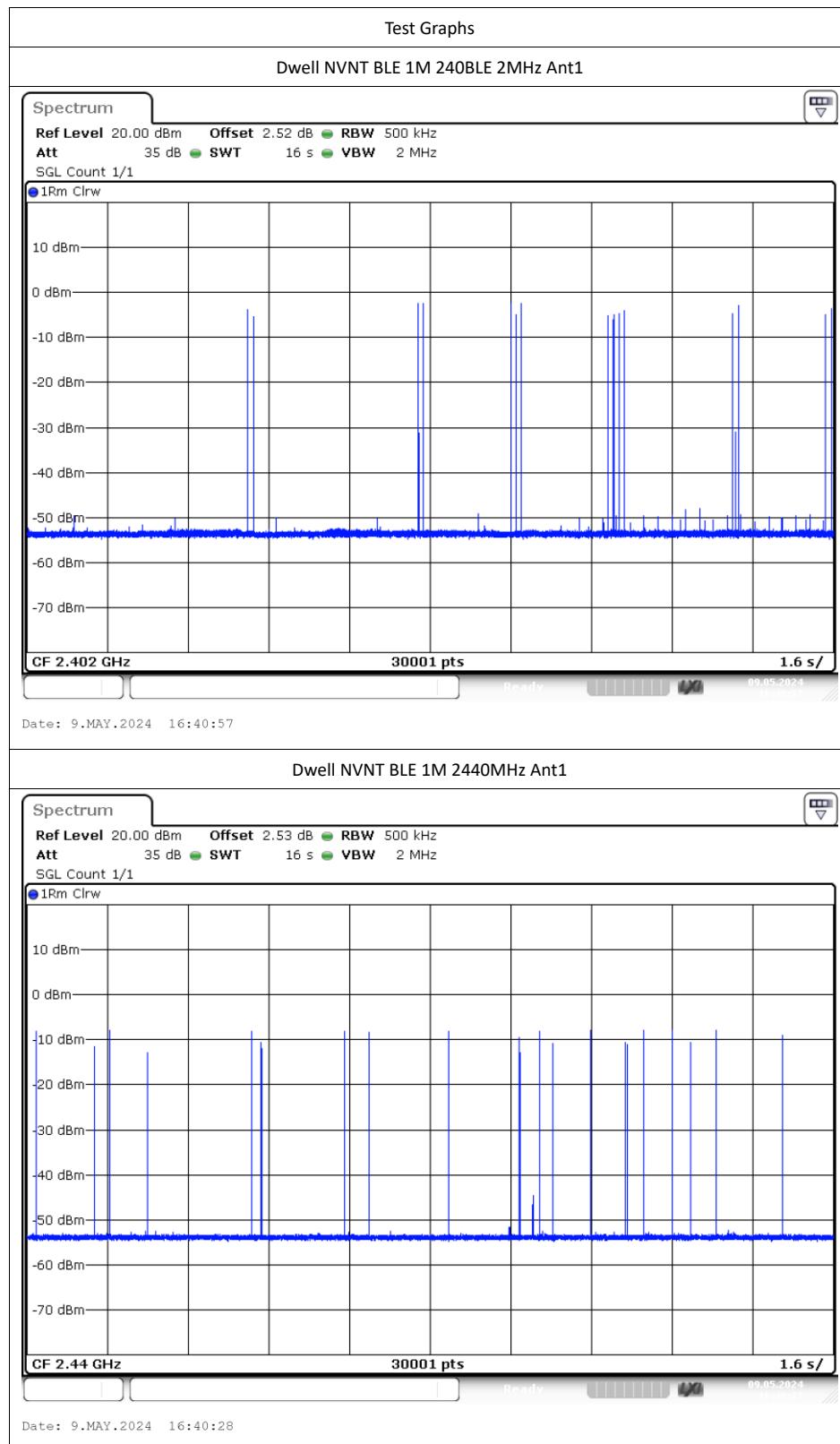


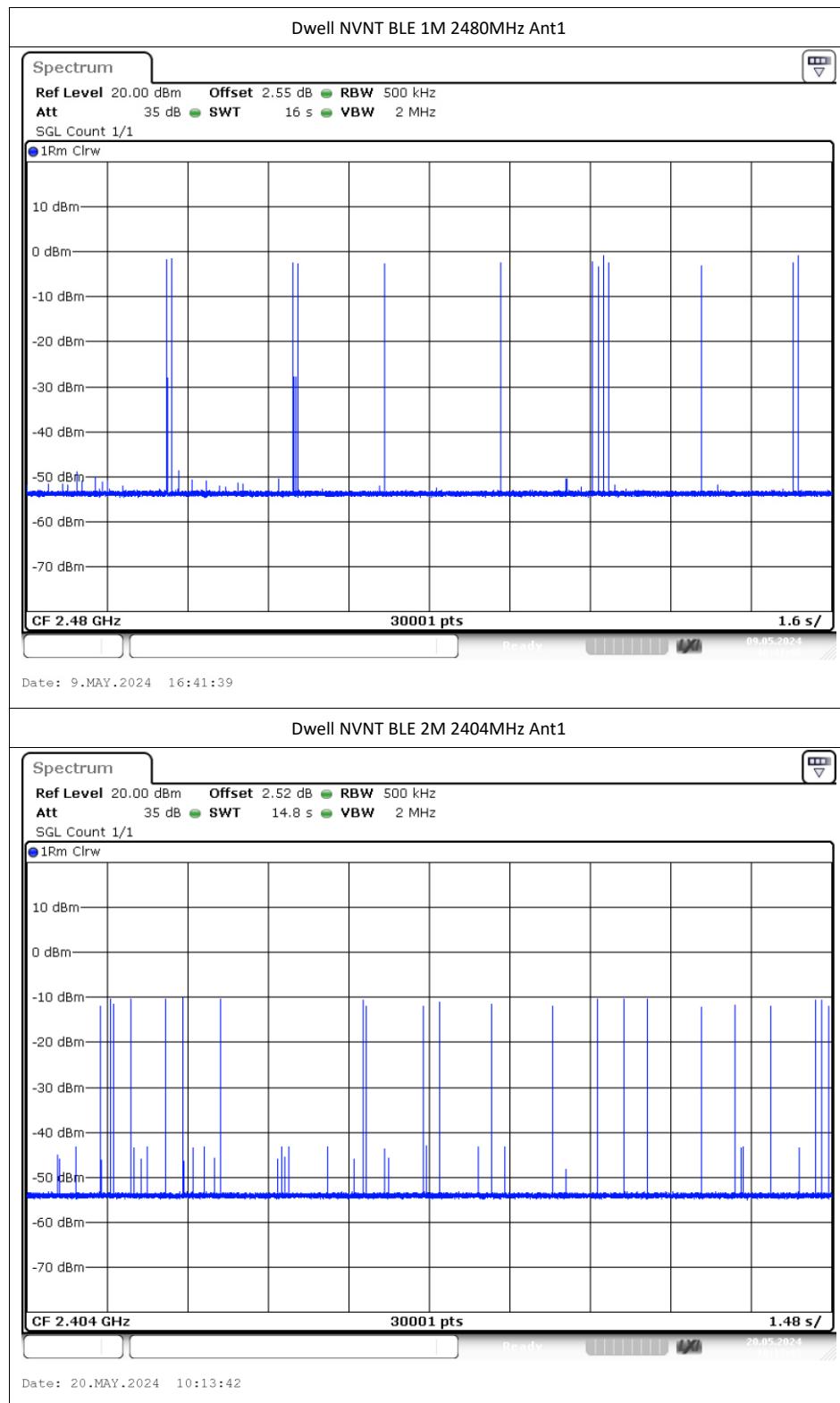


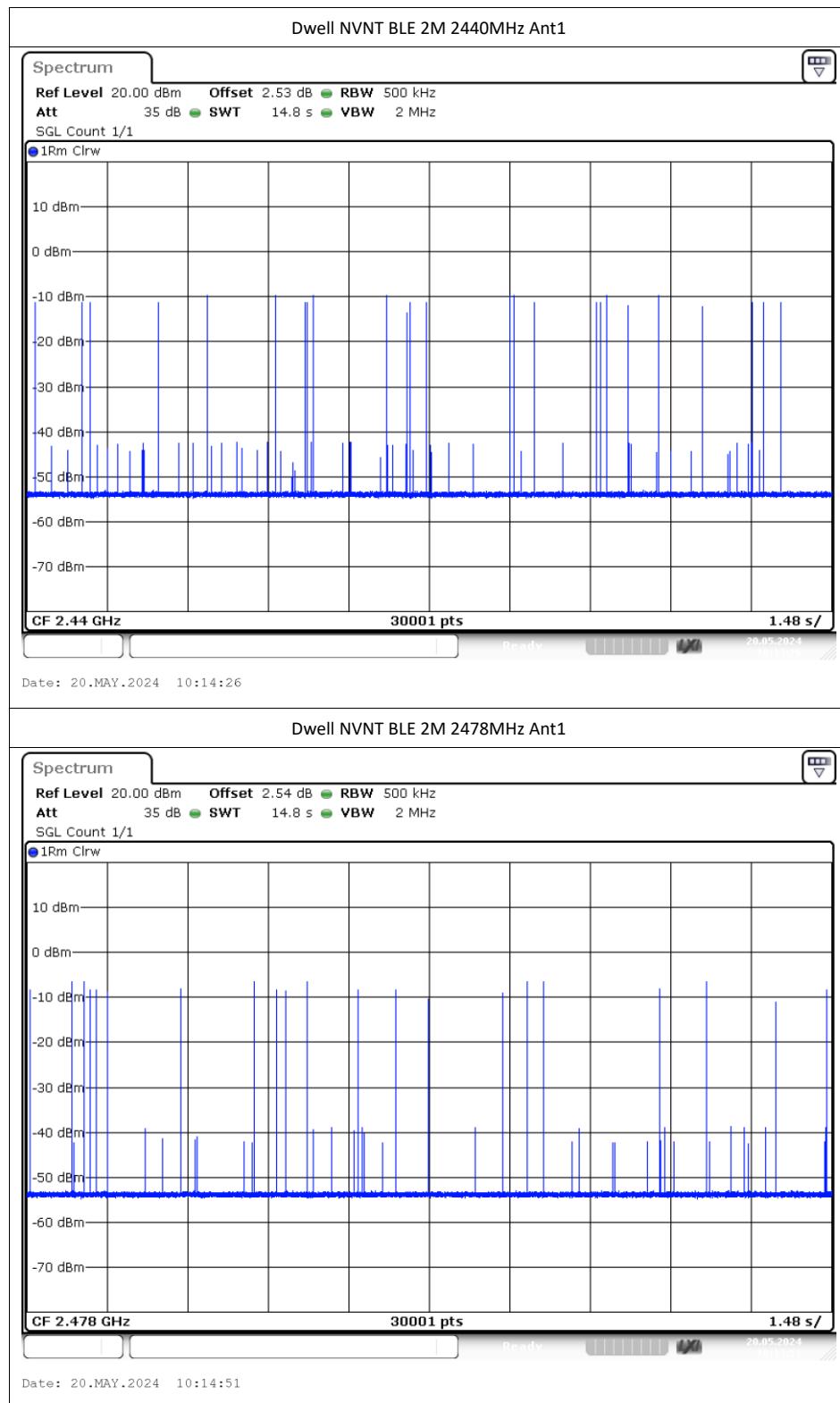


Accumulated Transmit Time

Condition	Mode	Frequency (MHz)	Antenna	Accumulated Transmit Time (ms)	Limit (ms)	Sweep Time (ms)	Burst Number	Verdict
NVNT	BLE 1M	2402	Ant1	6.97	400	16000	17	Pass
NVNT	BLE 1M	2440	Ant1	9.43	400	16000	23	Pass
NVNT	BLE 1M	2480	Ant1	4.92	400	16000	12	Pass
NVNT	BLE 2M	2404	Ant1	2.436	400	14800	21	Pass
NVNT	BLE 2M	2440	Ant1	2.784	400	14800	24	Pass
NVNT	BLE 2M	2478	Ant1	2.32	400	14800	20	Pass

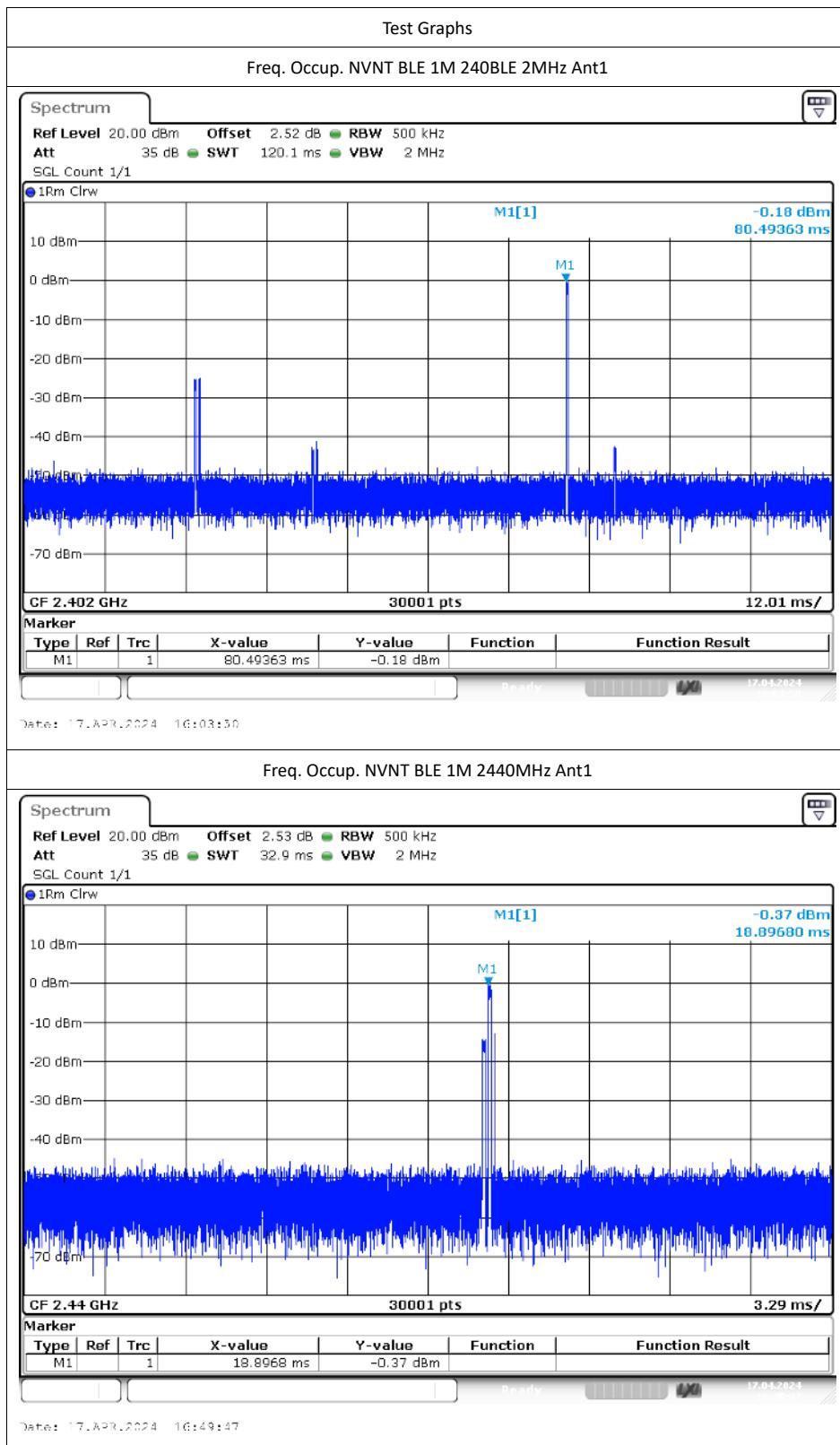


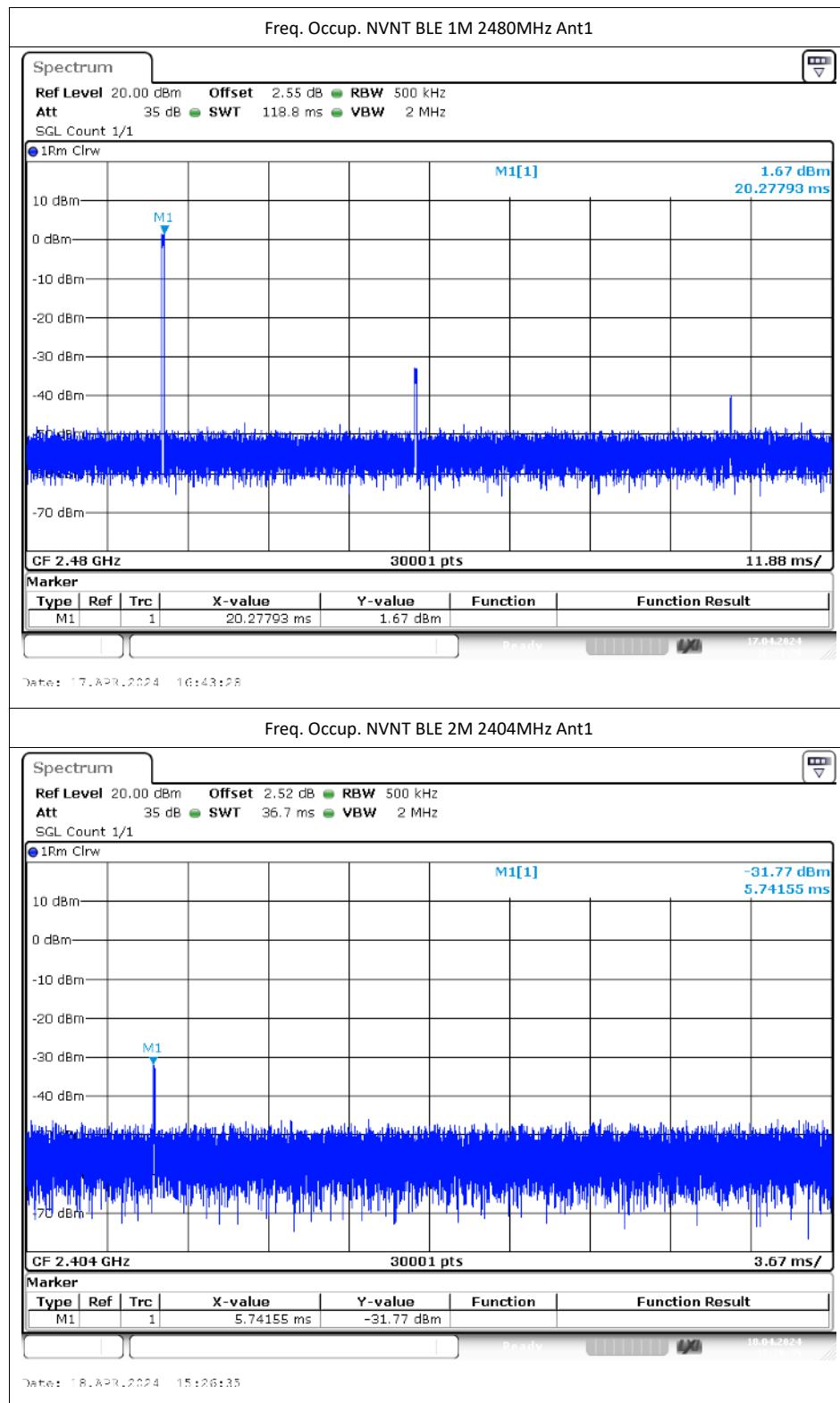


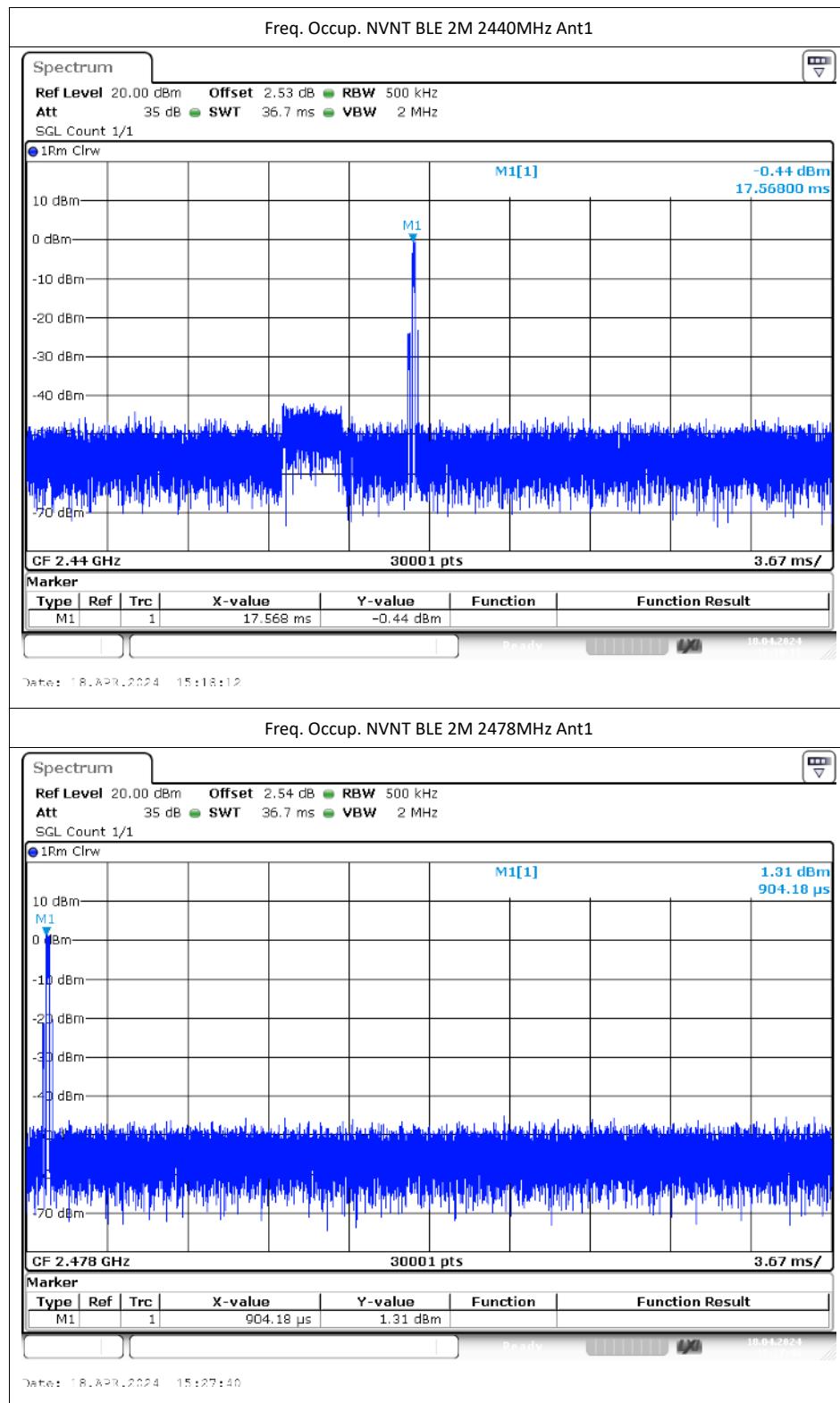


Frequency Occupation

Condition	Mode	Frequency (MHz)	Antenna	Burst Number	Limit	Sweep Time (ms)	Verdict
NVNT	BLE 1M	2402	Ant1	1	1	120.08	Pass
NVNT	BLE 1M	2440	Ant1	1	1	32.864	Pass
NVNT	BLE 1M	2480	Ant1	1	1	118.816	Pass
NVNT	BLE 2M	2404	Ant1	1	1	36.656	Pass
NVNT	BLE 2M	2440	Ant1	1	1	36.656	Pass
NVNT	BLE 2M	2478	Ant1	1	1	36.656	Pass

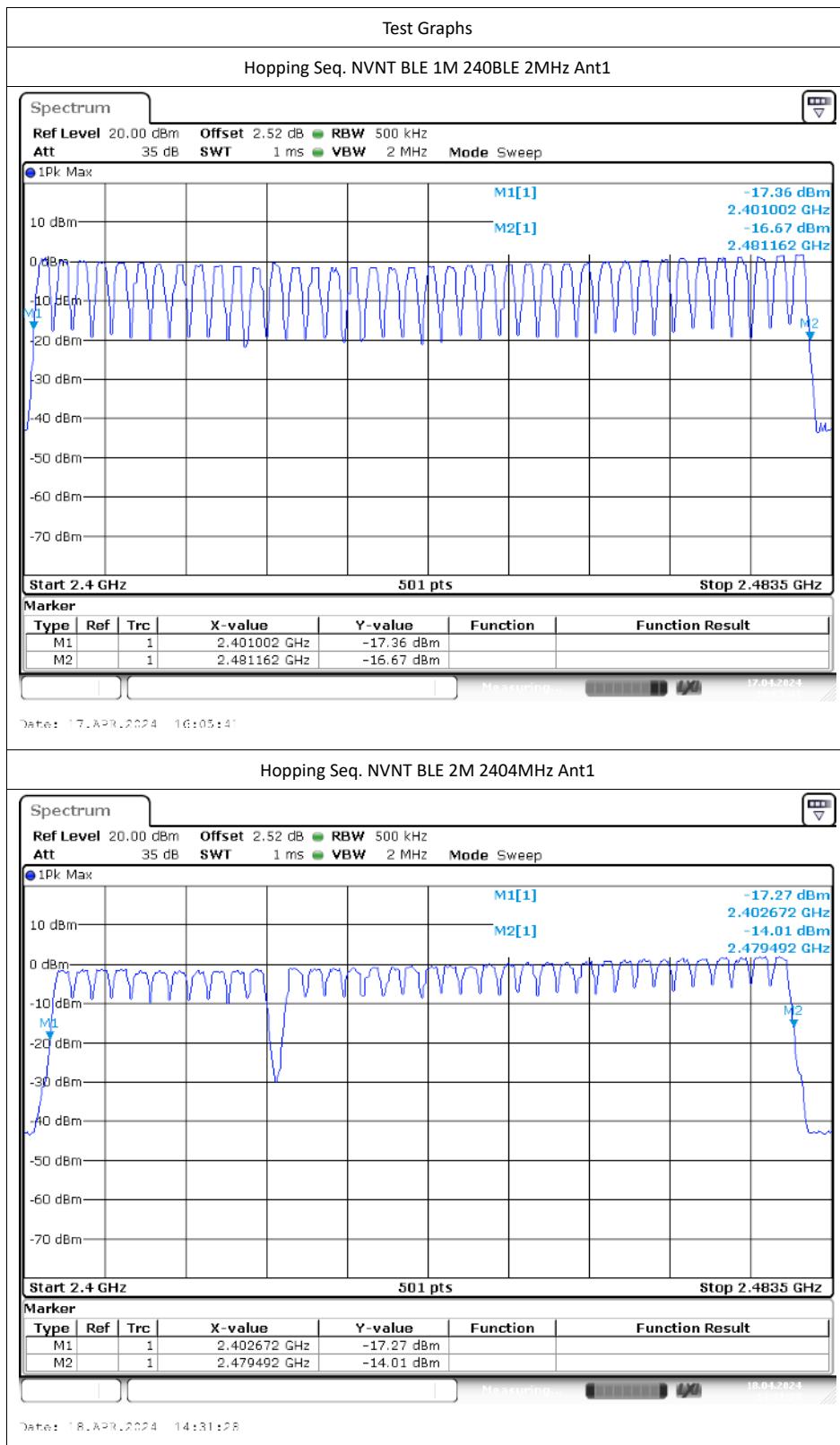






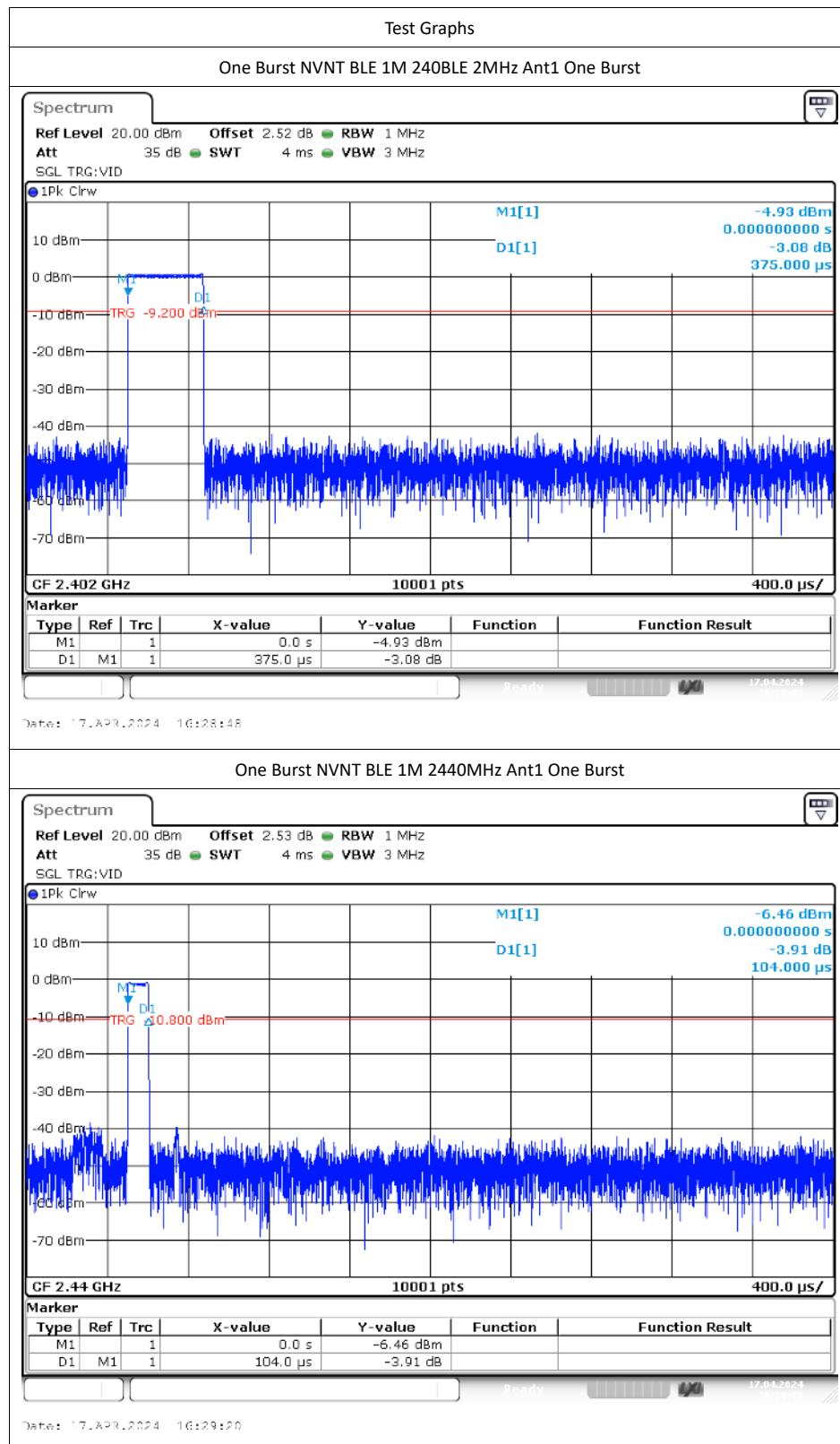
Hopping Sequence

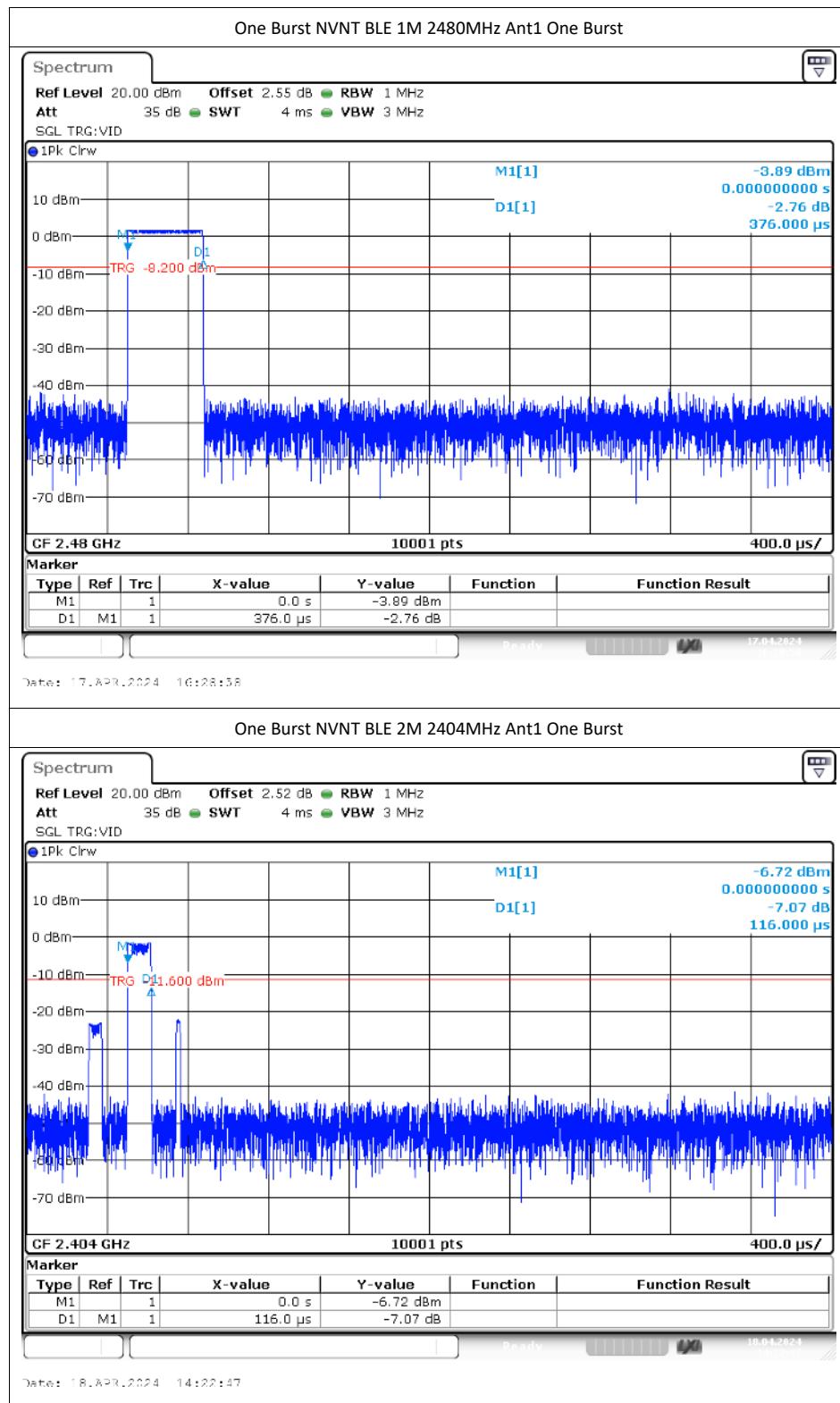
Condition	Mode	Antenna	Hopping Number	Limit	Band Allocation (%)	Limit Band Allocation (%)	Verdict
NVNT	BLE 1M	Ant1	40	15	96	70	Pass
NVNT	BLE 2M	Ant1	37	15	92	70	Pass

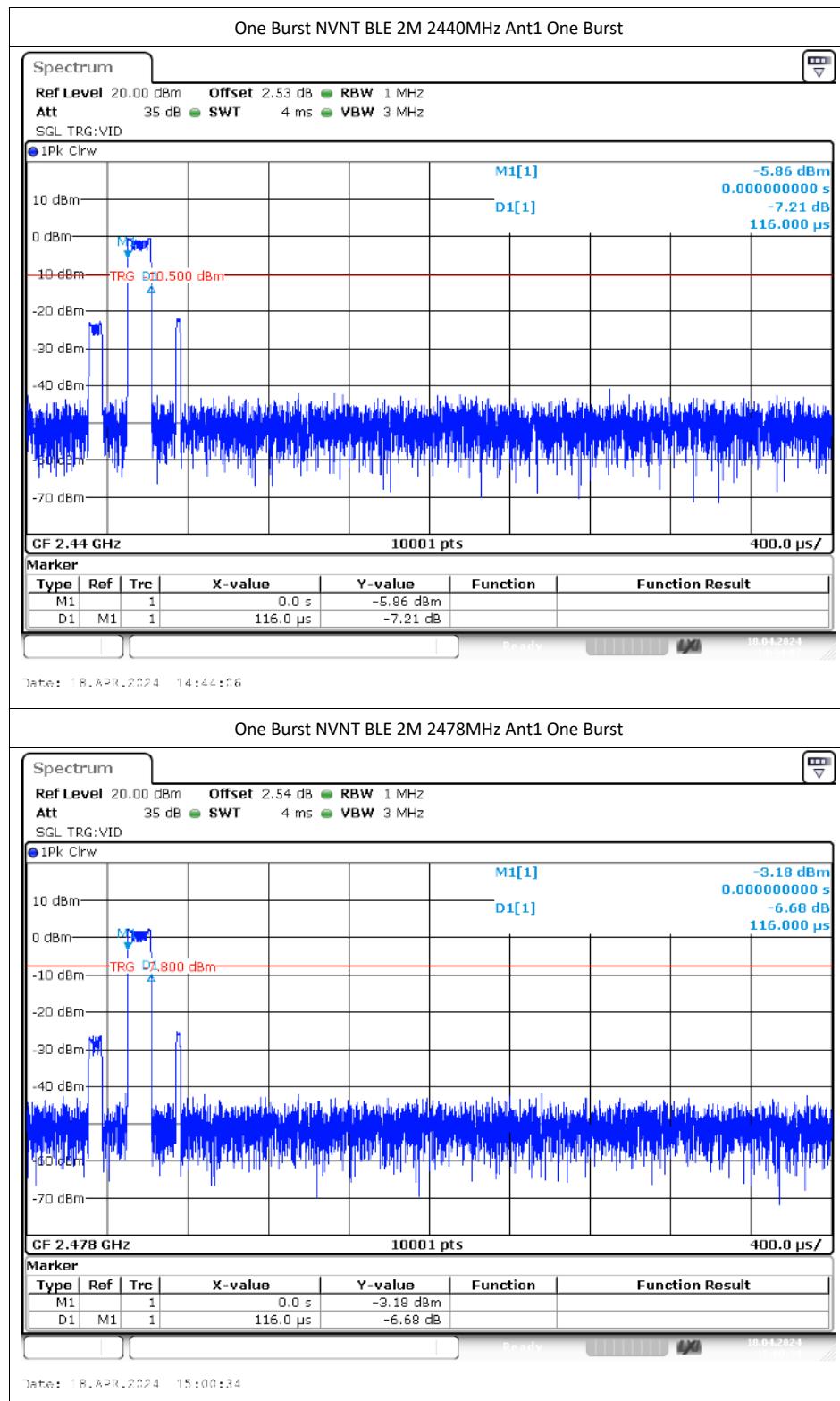


Dwell Time One Burst

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)
NVNT	BLE 1M	2402	Ant1	0.375
NVNT	BLE 1M	2440	Ant1	0.104
NVNT	BLE 1M	2480	Ant1	0.376
NVNT	BLE 2M	2404	Ant1	0.116
NVNT	BLE 2M	2440	Ant1	0.116
NVNT	BLE 2M	2478	Ant1	0.116

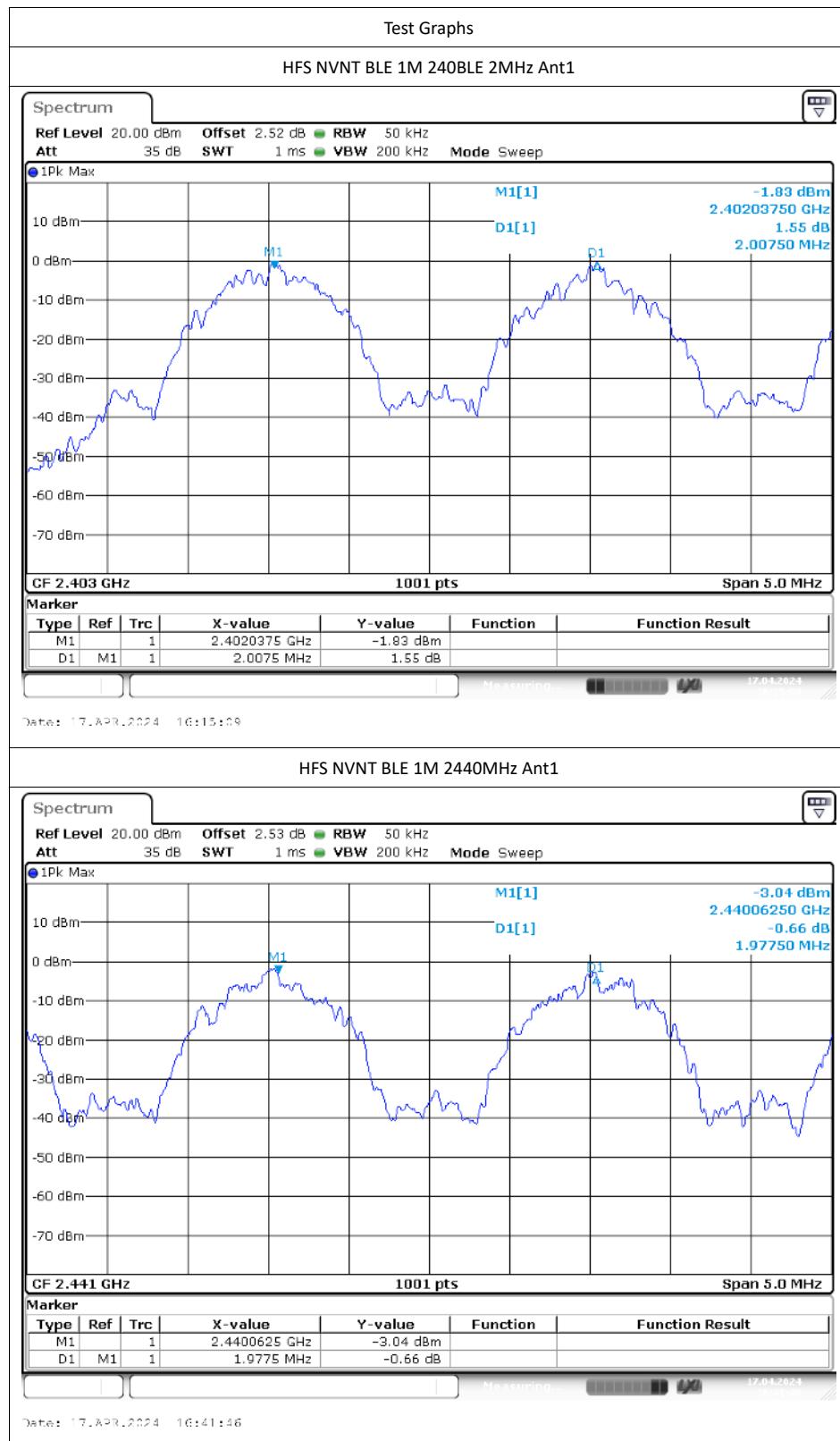




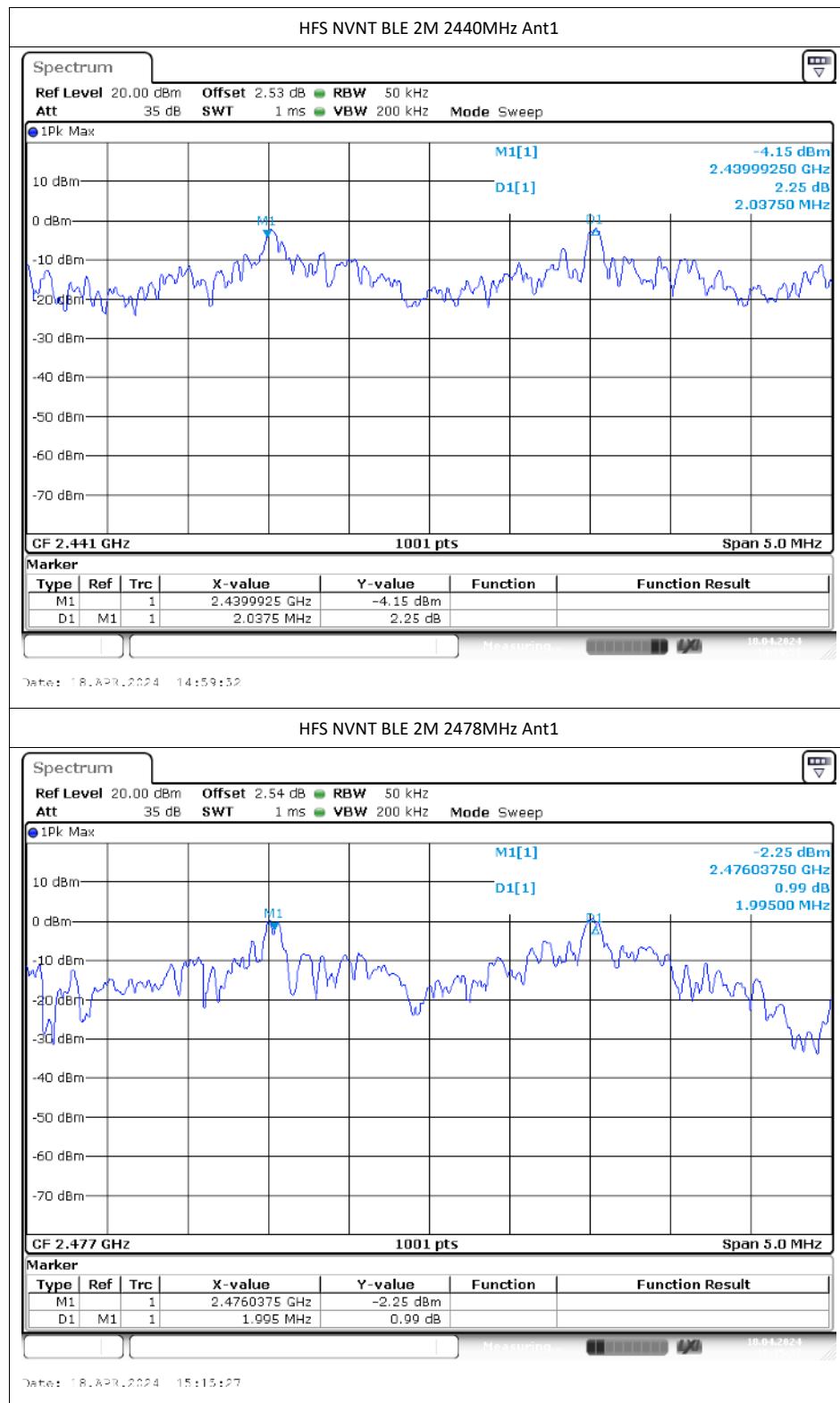


Hopping Frequency Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	Ant1	2402.0375	2404.045	2.0075	0.1	Pass
NVNT	BLE 1M	Ant1	2440.0625	2442.04	1.9775	0.1	Pass
NVNT	BLE 1M	Ant1	2478.0125	2480.0325	2.02	0.1	Pass
NVNT	BLE 2M	Ant1	2403.995	2405.9475	1.9525	0.1	Pass
NVNT	BLE 2M	Ant1	2439.9925	2442.03	2.0375	0.1	Pass
NVNT	BLE 2M	Ant1	2476.0375	2478.0325	1.995	0.1	Pass

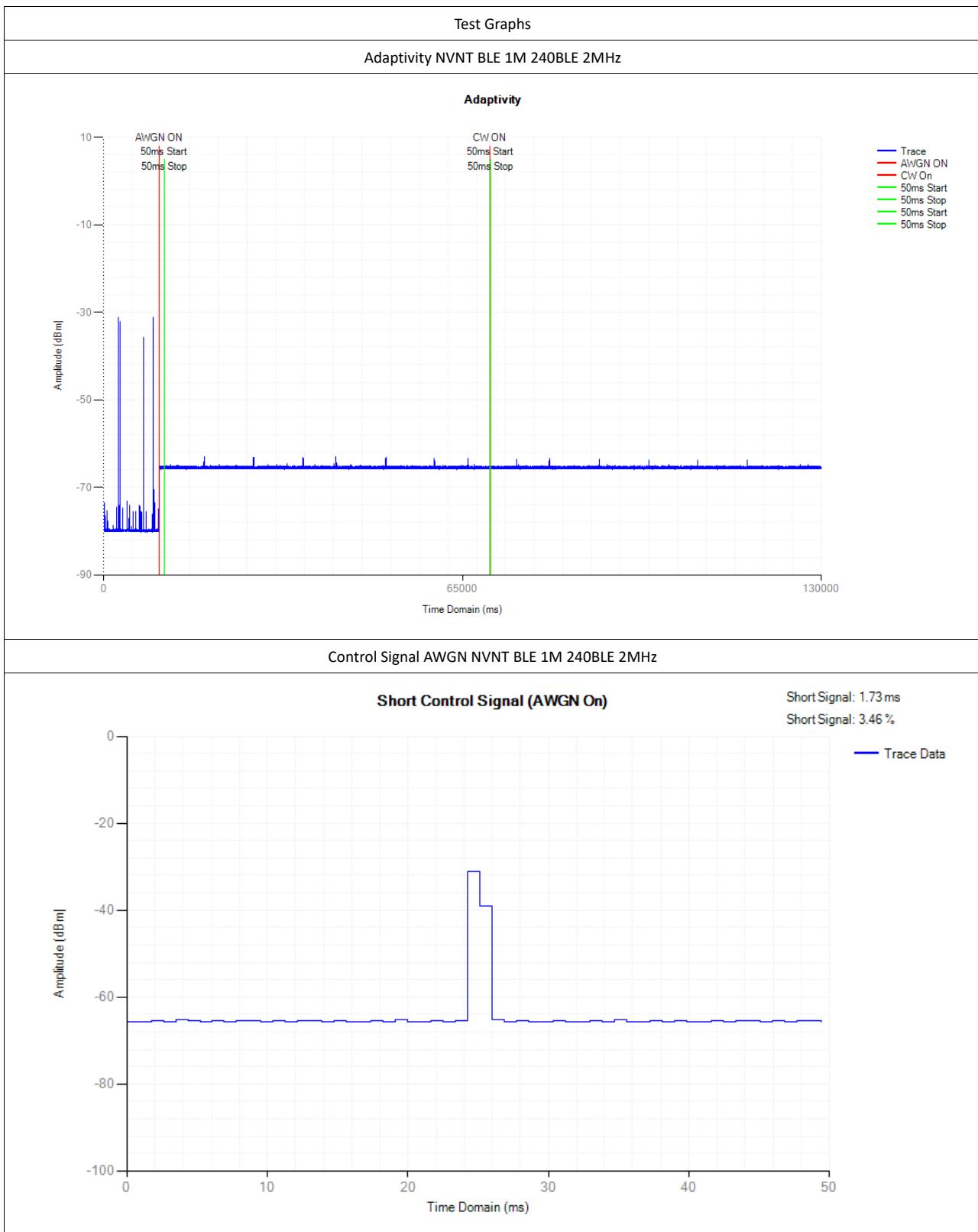


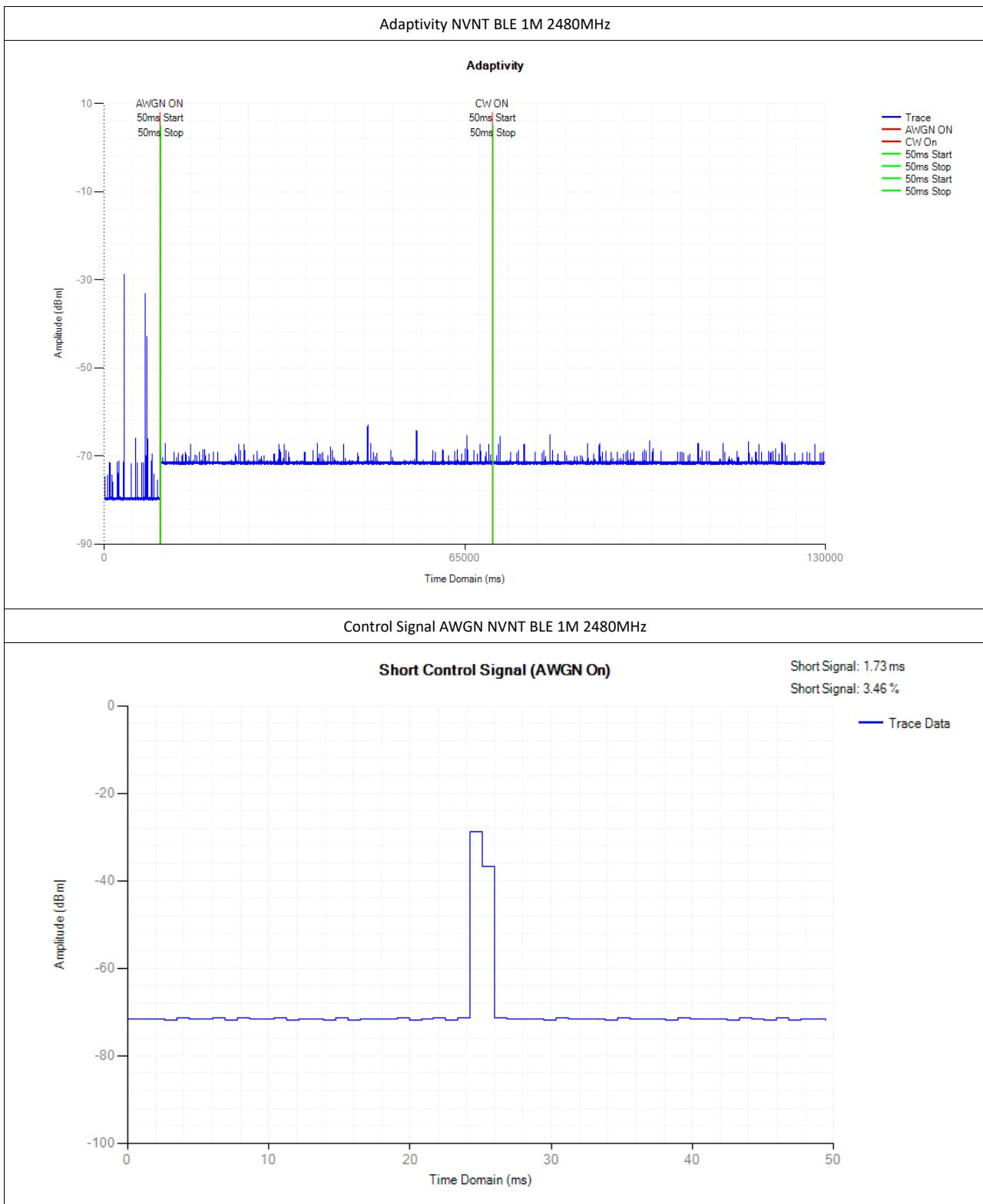




Adaptivity

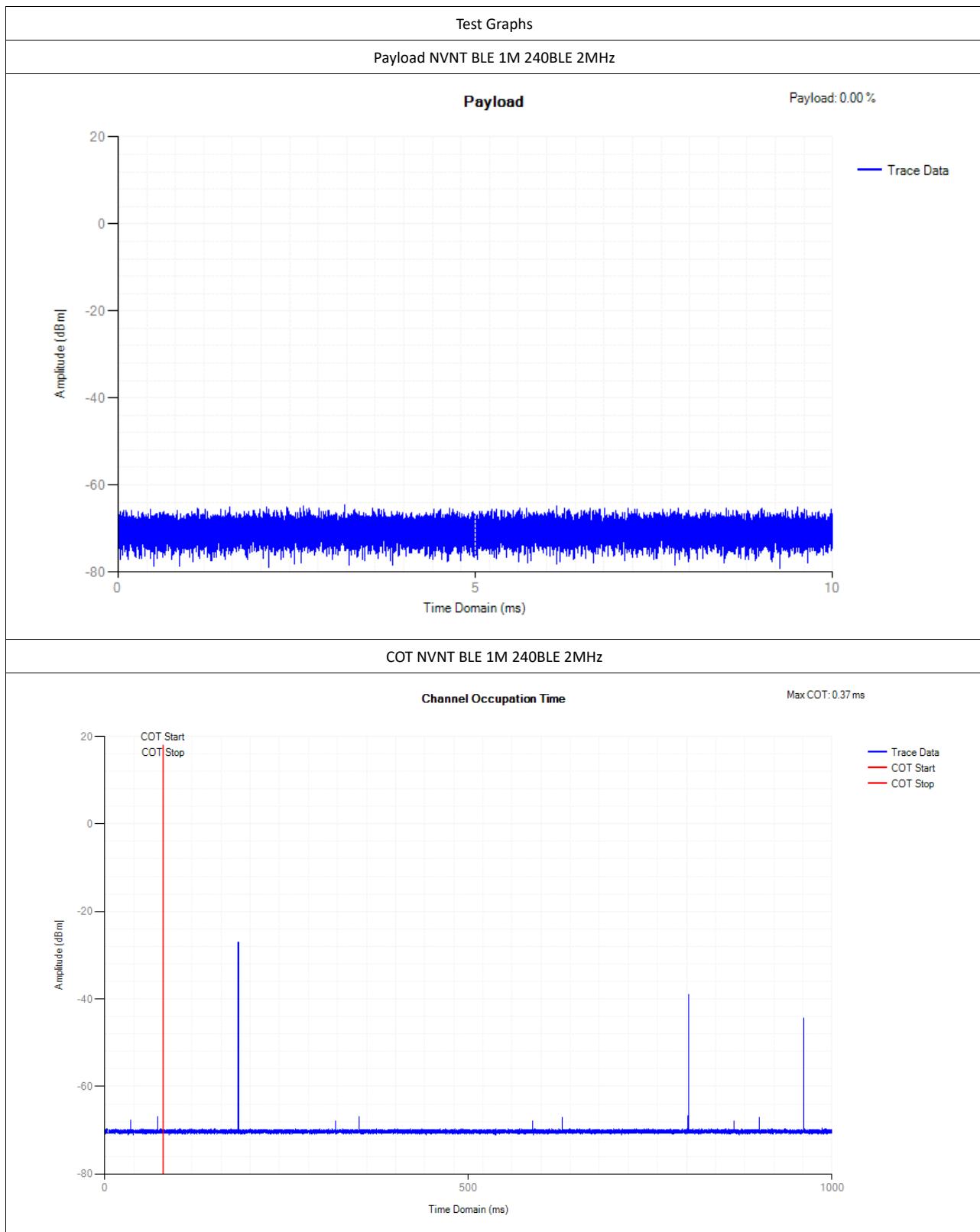
Condition	Mode	Frequency (MHz)	Antenna	AWGN Level (dBm)	CW Level (dBm)	AWGN Short Control(%)	CW Short Control(%)	Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.03	-35	3.46	0	<=10	Pass
NVNT	BLE 1M	2480	Ant1	-60	-35	3.46	0	<=10	Pass

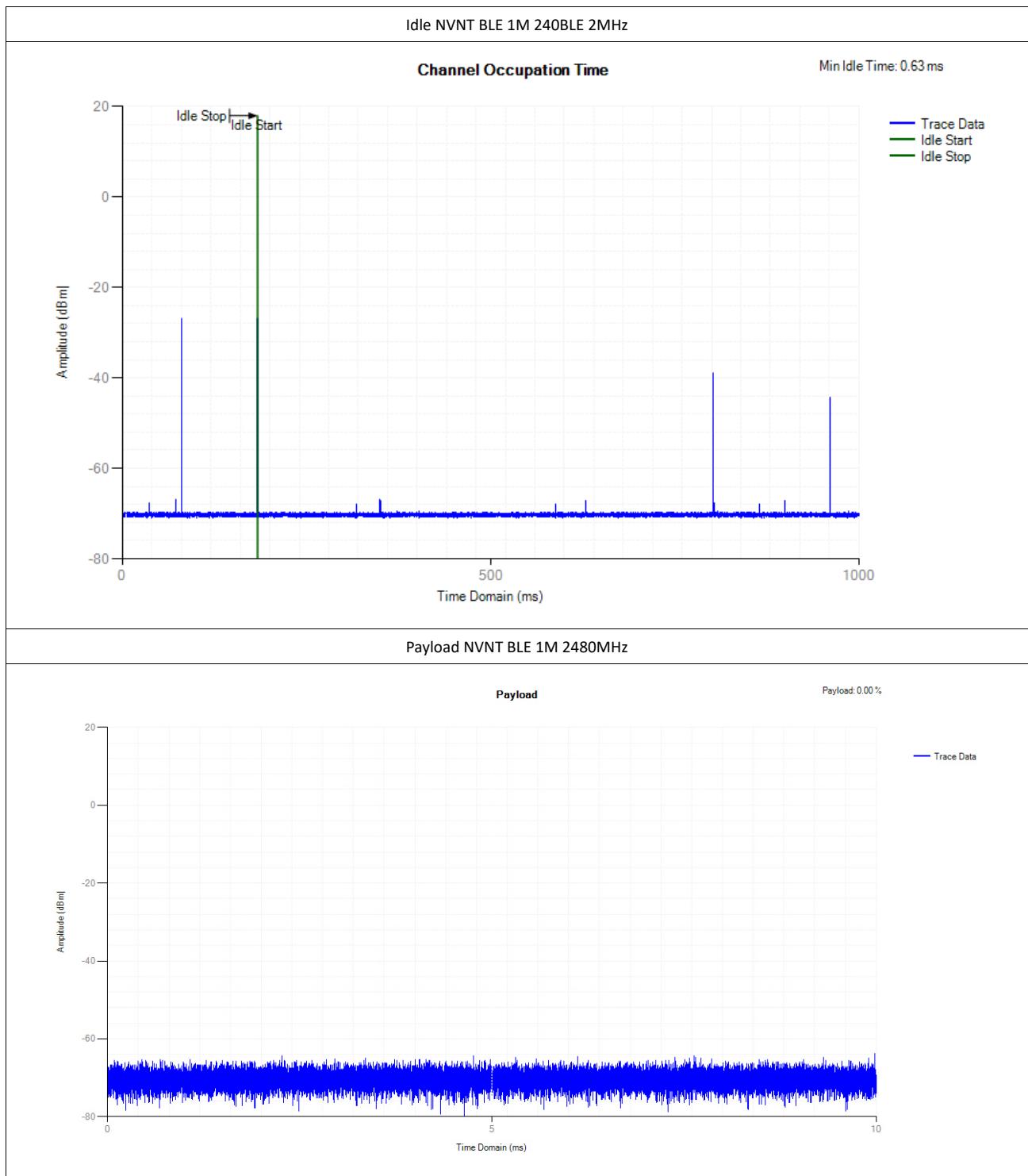


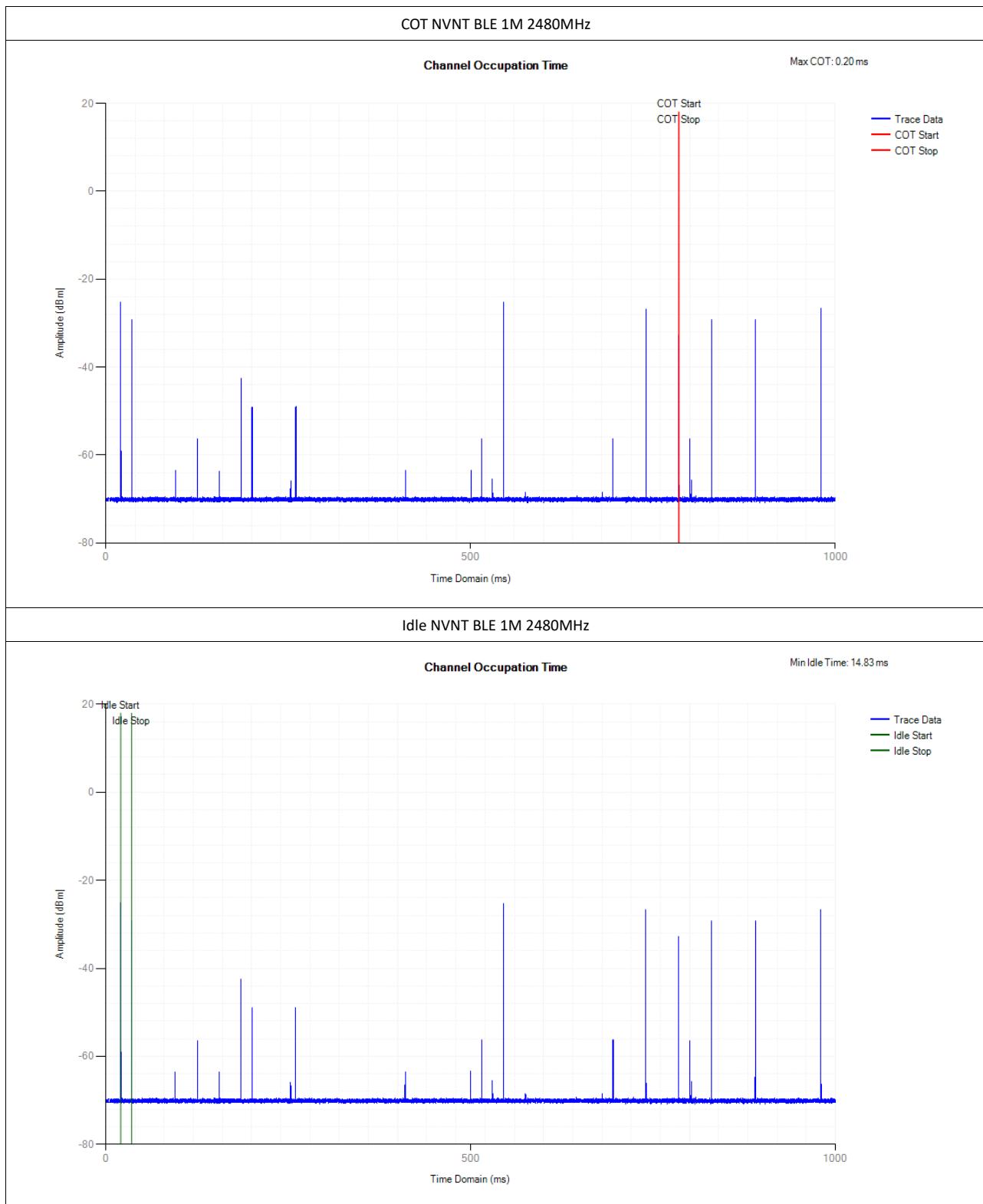


Adaptivity COT

Condition	Mode	Frequency (MHz)	Antenna	Payload	Max COT (ms)	Limit COT (ms)	Min Idle Time (ms)	Limit Idle Time (ms)	Verdict
NVNT	BLE 1M	2402	Ant1	0	0.367	<=13	0.633	>0.018	Pass
NVNT	BLE 1M	2480	Ant1	0	0.2	<=13	14.833	>0.018	Pass

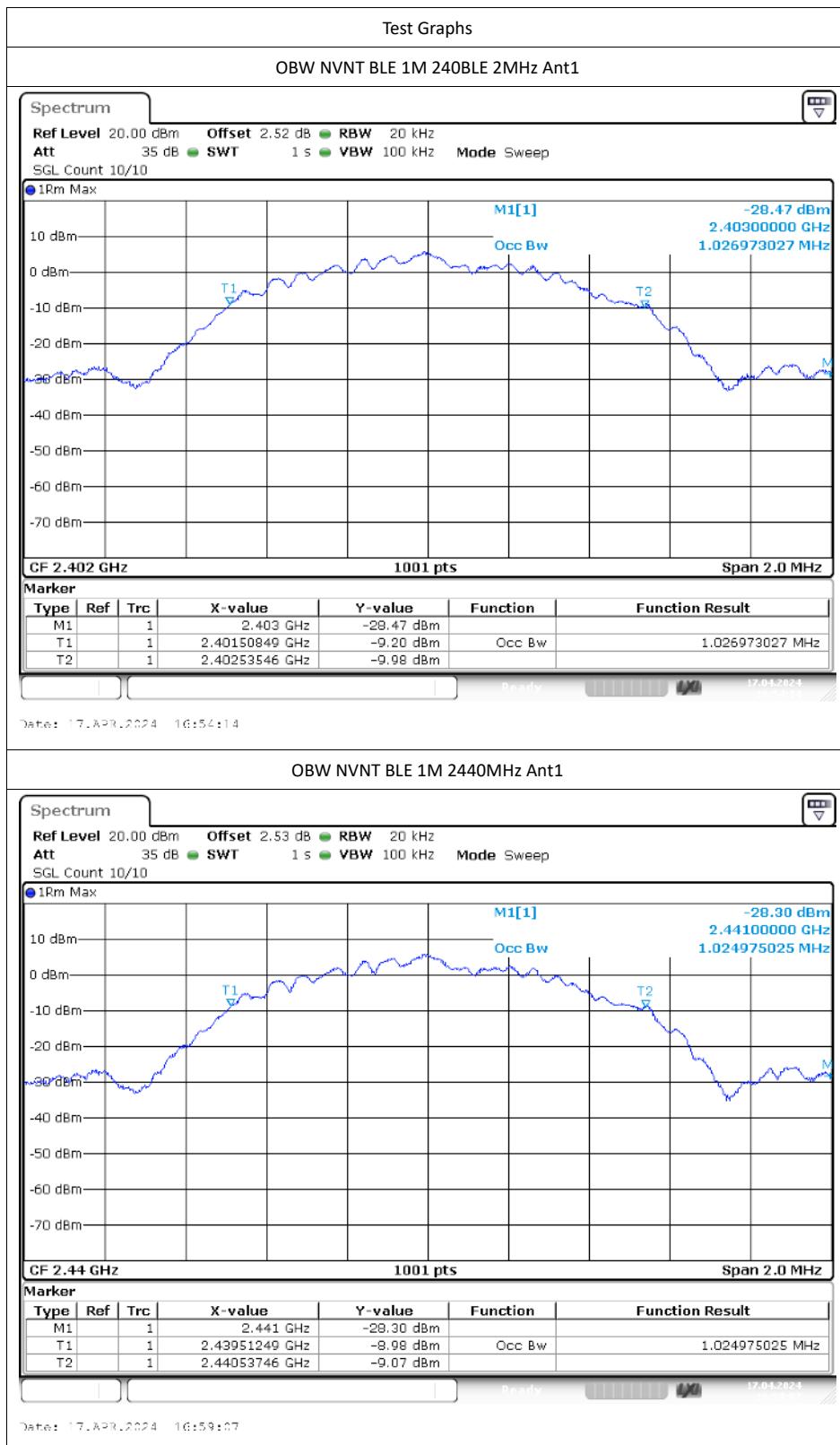


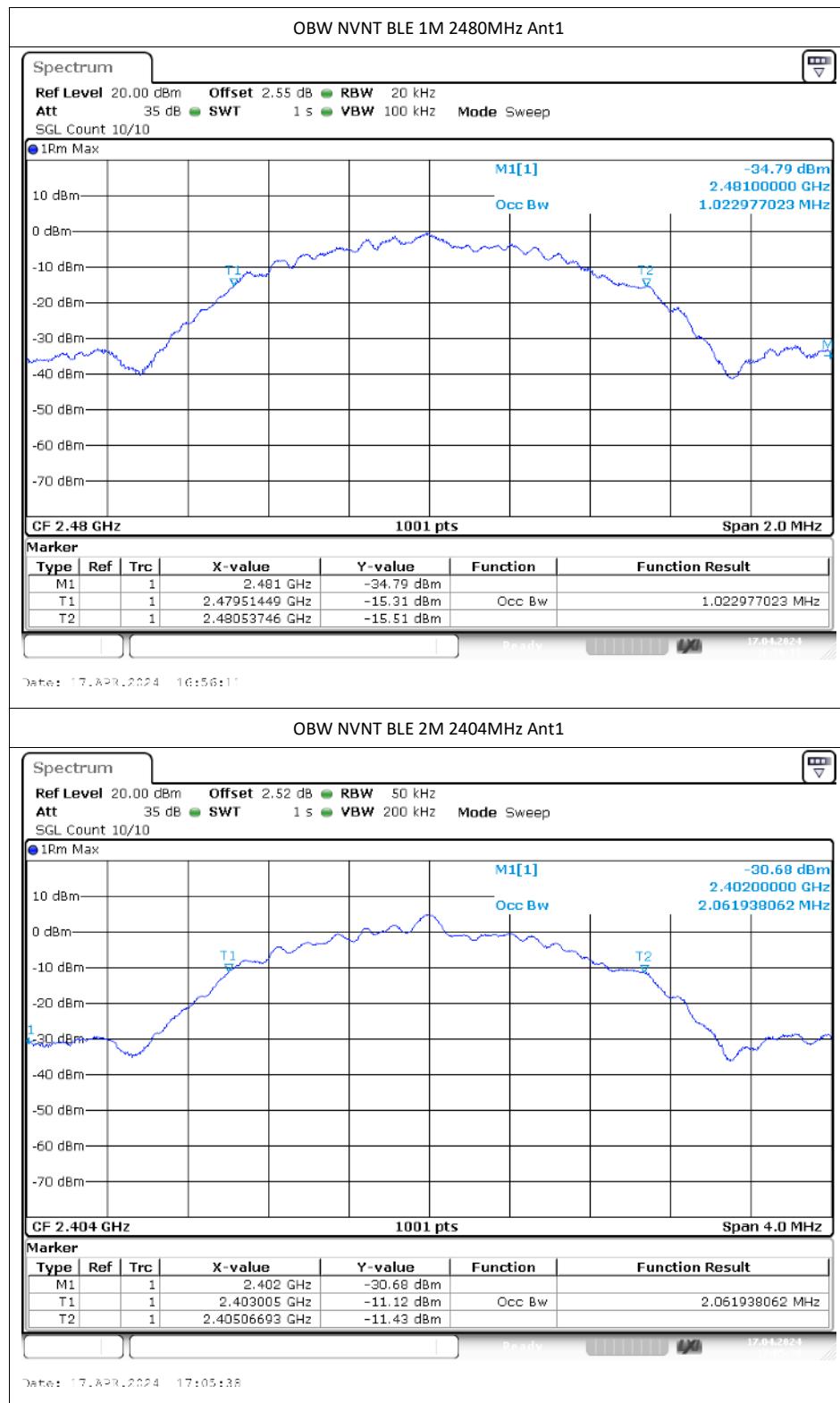


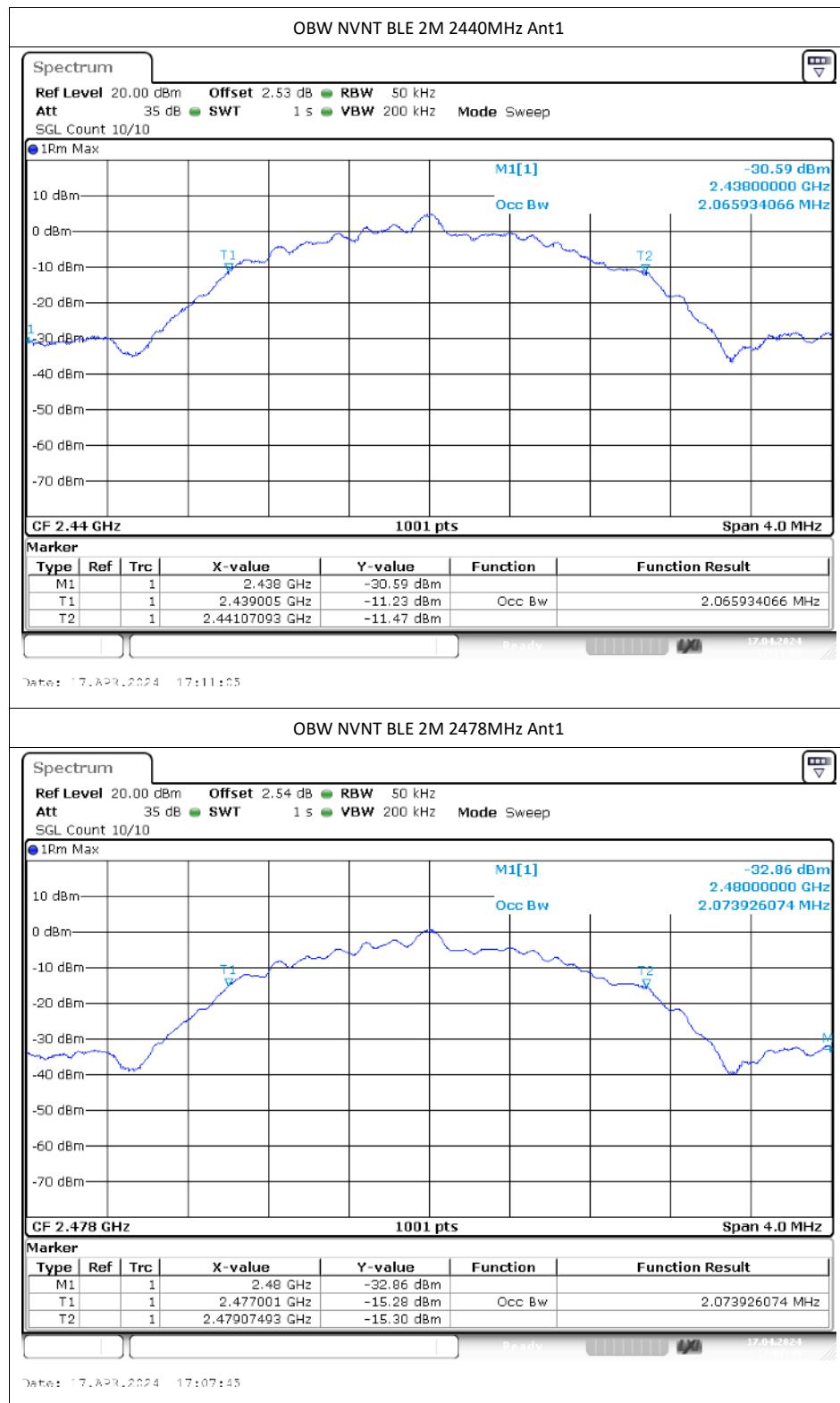


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	2402.022	1.03	2401.508	2402.535	2400 - 2483.5MHz	Pass
NVNT	BLE 1M	2440	Ant1	2440.025	1.02	2439.512	2440.537	2400 - 2483.5MHz	Pass
NVNT	BLE 1M	2480	Ant1	2480.026	1.02	2479.514	2480.537	2400 - 2483.5MHz	Pass
NVNT	BLE 2M	2404	Ant1	2404.036	2.06	2403.005	2405.067	2400 - 2483.5MHz	Pass
NVNT	BLE 2M	2440	Ant1	2440.038	2.07	2439.005	2441.071	2400 - 2483.5MHz	Pass
NVNT	BLE 2M	2478	Ant1	2478.038	2.07	2477.001	2479.075	2400 - 2483.5MHz	Pass

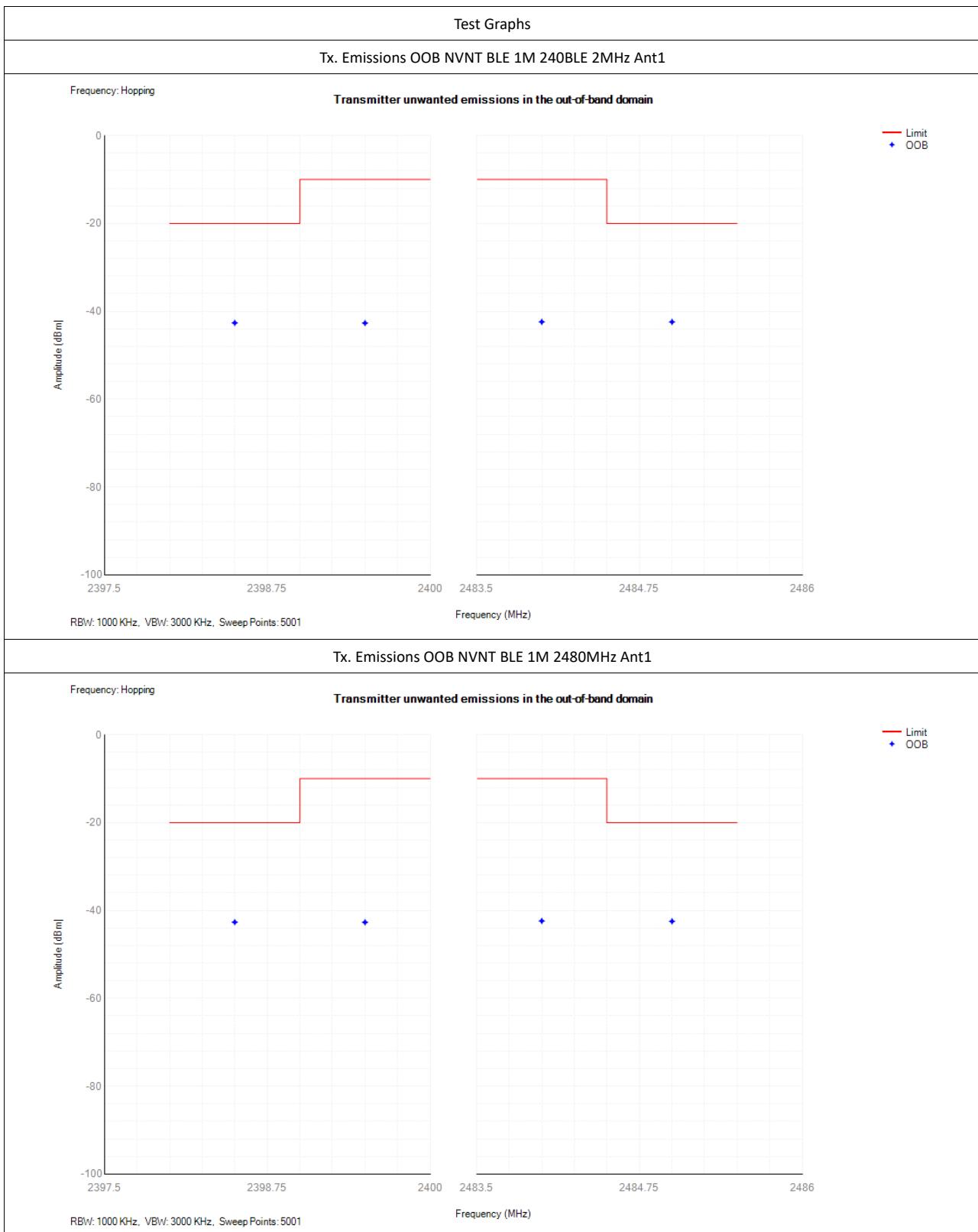


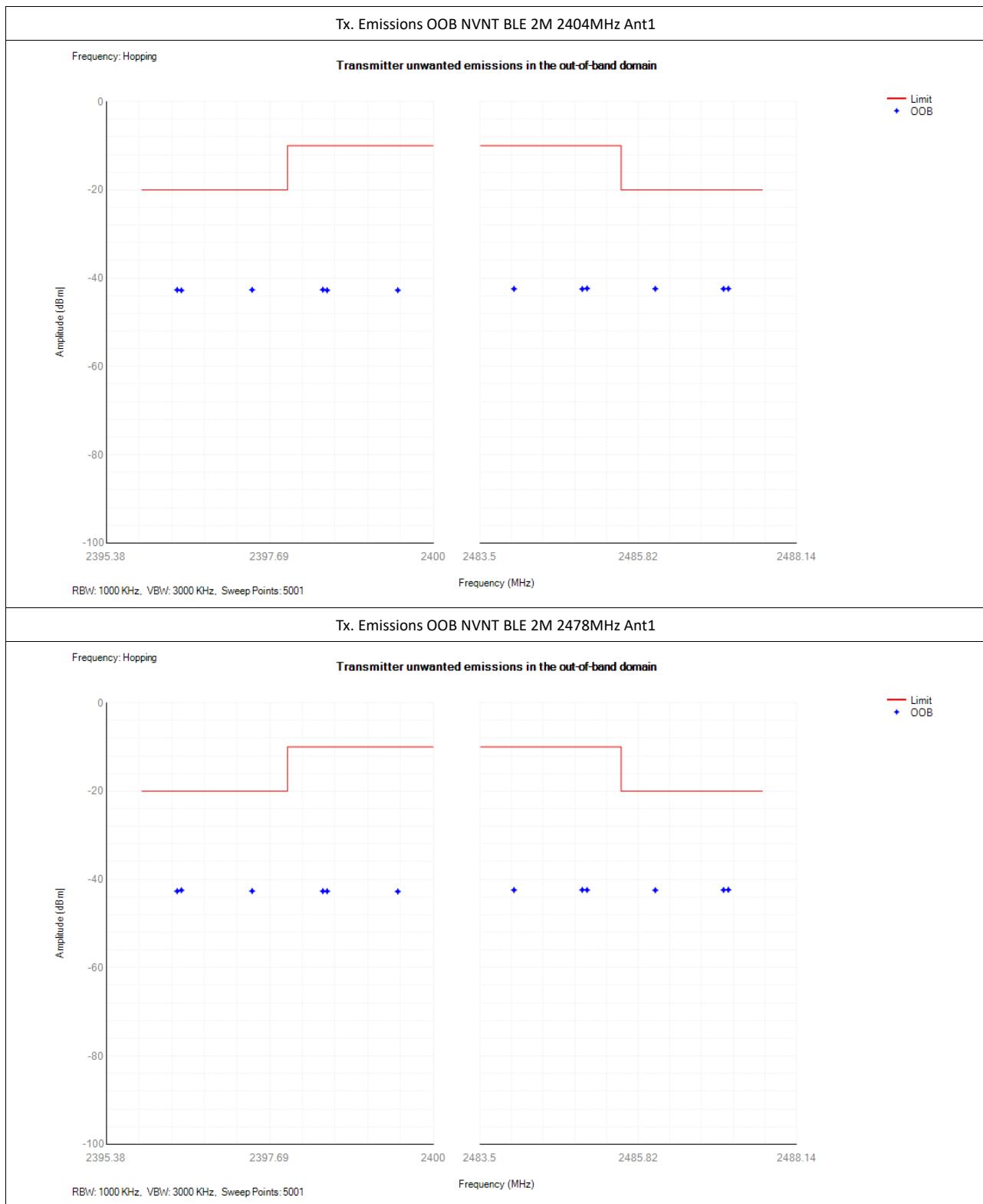




Transmitter unwanted emissions in the out-of-band domain

Condition	Mode	Frequency (MHz)	Antenna	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE 1M	Hopping	Ant1	2399.5	-42.67	-10	Pass
NVNT	BLE 1M	Hopping	Ant1	2398.5	-42.63	-20	Pass
NVNT	BLE 1M	Hopping	Ant1	2484	-42.4	-10	Pass
NVNT	BLE 1M	Hopping	Ant1	2485	-42.41	-20	Pass
NVNT	BLE 1M	Hopping	Ant1	2399.5	-42.68	-10	Pass
NVNT	BLE 1M	Hopping	Ant1	2398.5	-42.65	-20	Pass
NVNT	BLE 1M	Hopping	Ant1	2484	-42.38	-10	Pass
NVNT	BLE 1M	Hopping	Ant1	2485	-42.46	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2399.5	-42.72	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2398.5	-42.73	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2398.44	-42.6	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2397.44	-42.64	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2396.44	-42.75	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2396.38	-42.65	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2484	-42.42	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2485	-42.45	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2485.07	-42.32	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2486.07	-42.4	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2487.07	-42.42	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2487.14	-42.38	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2399.5	-42.73	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2398.5	-42.67	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2398.44	-42.66	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2397.44	-42.63	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2396.44	-42.45	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2396.38	-42.66	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2484	-42.4	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2485	-42.38	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2485.07	-42.4	-10	Pass
NVNT	BLE 2M	Hopping	Ant1	2486.07	-42.44	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2487.07	-42.39	-20	Pass
NVNT	BLE 2M	Hopping	Ant1	2487.14	-42.35	-20	Pass

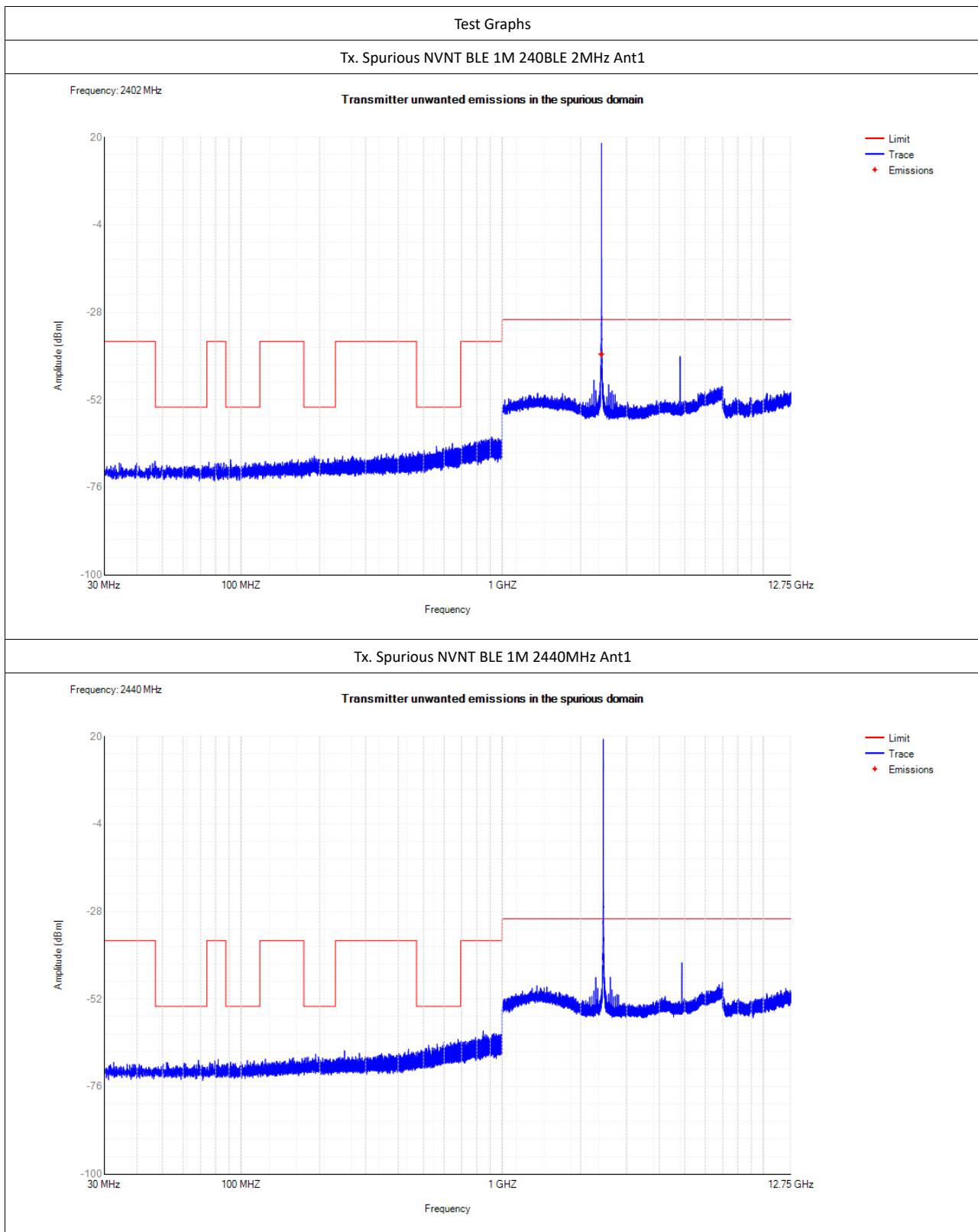


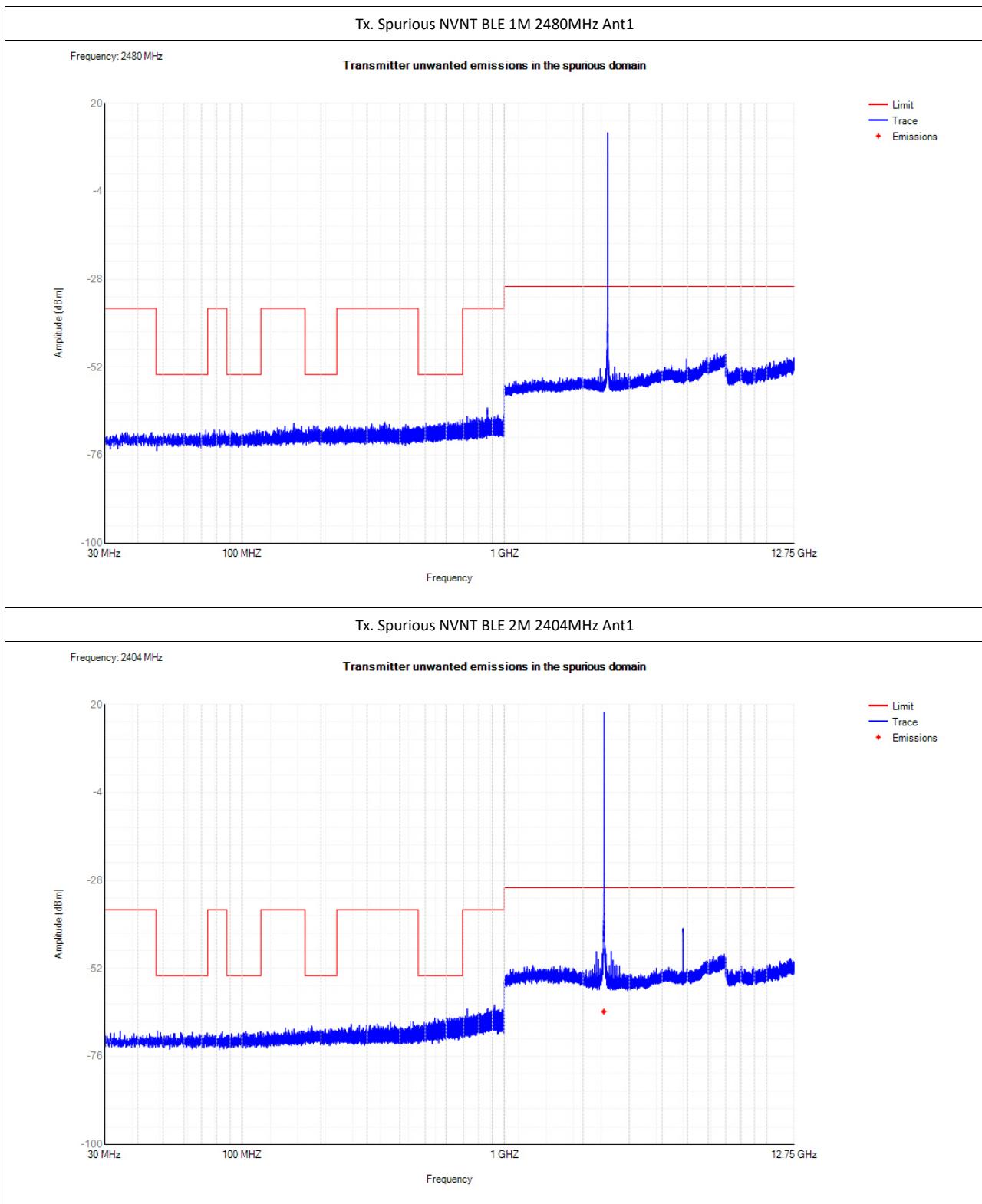


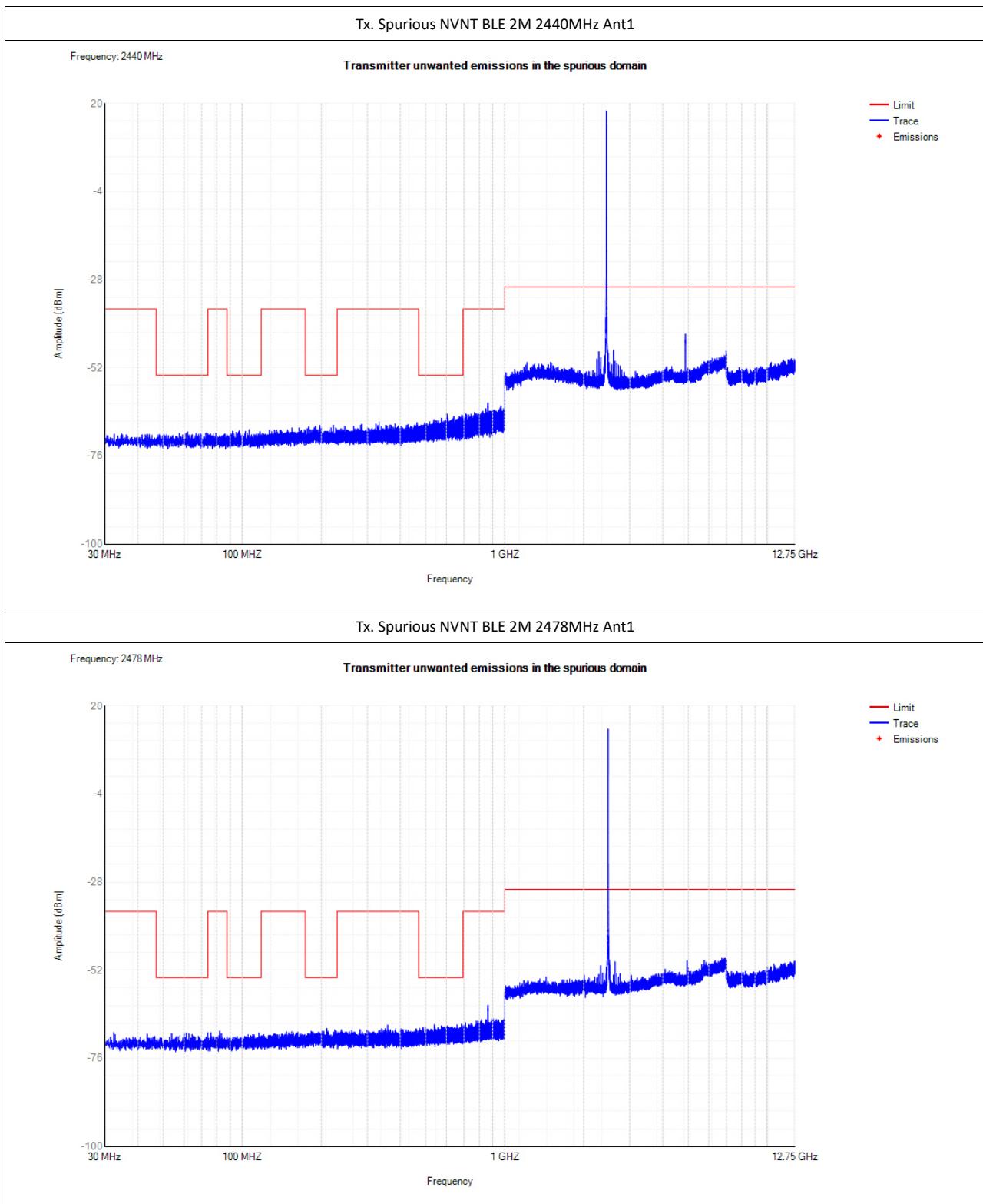
Transmitter unwanted emissions in the spurious domain

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	30 -47	46.85	-68.81	NA	-36	Pass
NVNT	BLE 1M	2402	Ant1	47 -74	51.95	-69.91	NA	-54	Pass
NVNT	BLE 1M	2402	Ant1	74 -87.5	75.30	-69.08	NA	-36	Pass
NVNT	BLE 1M	2402	Ant1	87.5 -118	91.25	-68.41	NA	-54	Pass
NVNT	BLE 1M	2402	Ant1	118 -174	156.55	-68.38	NA	-36	Pass
NVNT	BLE 1M	2402	Ant1	174 -230	190.80	-67.42	NA	-54	Pass
NVNT	BLE 1M	2402	Ant1	230 -470	454.95	-66.32	NA	-36	Pass
NVNT	BLE 1M	2402	Ant1	470 -694	644.90	-63.93	NA	-54	Pass
NVNT	BLE 1M	2402	Ant1	694 -1000	911.60	-62.16	NA	-36	Pass
NVNT	BLE 1M	2402	Ant1	1000 -2398	2397.00	-31.14	-39.5	-30	Pass
NVNT	BLE 1M	2402	Ant1	2485.5 -12750	4804.00	-40.12	NA	-30	Pass
NVNT	BLE 1M	2440	Ant1	30 -47	32.55	-69.32	NA	-36	Pass
NVNT	BLE 1M	2440	Ant1	47 -74	68.70	-68.79	NA	-54	Pass
NVNT	BLE 1M	2440	Ant1	74 -87.5	81.75	-68.51	NA	-36	Pass
NVNT	BLE 1M	2440	Ant1	87.5 -118	105.75	-68.84	NA	-54	Pass
NVNT	BLE 1M	2440	Ant1	118 -174	158.60	-68.08	NA	-36	Pass
NVNT	BLE 1M	2440	Ant1	174 -230	193.10	-67.12	NA	-54	Pass
NVNT	BLE 1M	2440	Ant1	230 -470	438.20	-65.76	NA	-36	Pass
NVNT	BLE 1M	2440	Ant1	470 -694	678.40	-63.03	NA	-54	Pass
NVNT	BLE 1M	2440	Ant1	694 -1000	846.05	-60.78	NA	-36	Pass
NVNT	BLE 1M	2440	Ant1	1000 -2398	2284.00	-46.09	NA	-30	Pass
NVNT	BLE 1M	2440	Ant1	2485.5 -12750	4880.00	-42.05	NA	-30	Pass
NVNT	BLE 1M	2480	Ant1	30 -47	45.25	-69.78	NA	-36	Pass
NVNT	BLE 1M	2480	Ant1	47 -74	72.80	-69.11	NA	-54	Pass
NVNT	BLE 1M	2480	Ant1	74 -87.5	82.00	-69.06	NA	-36	Pass
NVNT	BLE 1M	2480	Ant1	87.5 -118	114.15	-69.19	NA	-54	Pass
NVNT	BLE 1M	2480	Ant1	118 -174	157.65	-67.32	NA	-36	Pass
NVNT	BLE 1M	2480	Ant1	174 -230	194.90	-67.97	NA	-54	Pass
NVNT	BLE 1M	2480	Ant1	230 -470	351.00	-67.01	NA	-36	Pass
NVNT	BLE 1M	2480	Ant1	470 -694	678.45	-66.46	NA	-54	Pass
NVNT	BLE 1M	2480	Ant1	694 -1000	863.30	-63.09	NA	-36	Pass
NVNT	BLE 1M	2480	Ant1	1000 -2398	2324.00	-52.37	NA	-30	Pass
NVNT	BLE 1M	2480	Ant1	2485.5 -12750	2486.00	-40.37	NA	-30	Pass
NVNT	BLE 2M	2404	Ant1	30 -47	34.35	-69.13	NA	-36	Pass
NVNT	BLE 2M	2404	Ant1	47 -74	47.50	-69.07	NA	-54	Pass
NVNT	BLE 2M	2404	Ant1	74 -87.5	84.20	-69.32	NA	-36	Pass
NVNT	BLE 2M	2404	Ant1	87.5 -118	103.40	-69.22	NA	-54	Pass
NVNT	BLE 2M	2404	Ant1	118 -174	146.45	-68.23	NA	-36	Pass
NVNT	BLE 2M	2404	Ant1	174 -230	184.60	-67.68	NA	-54	Pass

NVNT	BLE 2M	2404	Ant1	230 -470	437.95	-66.47	NA	-36	Pass
NVNT	BLE 2M	2404	Ant1	470 -694	676.50	-65.19	NA	-54	Pass
NVNT	BLE 2M	2404	Ant1	694 -1000	917.30	-61.99	NA	-36	Pass
NVNT	BLE 2M	2404	Ant1	1000 -2398	2397.50	-35.60	-63.81	-30	Pass
NVNT	BLE 2M	2404	Ant1	2485.5 -12750	4809.00	-41.08	NA	-30	Pass
NVNT	BLE 2M	2440	Ant1	30 -47	34.70	-69.92	NA	-36	Pass
NVNT	BLE 2M	2440	Ant1	47 -74	61.90	-69.43	NA	-54	Pass
NVNT	BLE 2M	2440	Ant1	74 -87.5	79.40	-69.75	NA	-36	Pass
NVNT	BLE 2M	2440	Ant1	87.5 -118	106.15	-68.88	NA	-54	Pass
NVNT	BLE 2M	2440	Ant1	118 -174	164.85	-68.32	NA	-36	Pass
NVNT	BLE 2M	2440	Ant1	174 -230	222.30	-67.62	NA	-54	Pass
NVNT	BLE 2M	2440	Ant1	230 -470	332.45	-66.75	NA	-36	Pass
NVNT	BLE 2M	2440	Ant1	470 -694	602.60	-64.56	NA	-54	Pass
NVNT	BLE 2M	2440	Ant1	694 -1000	863.15	-61.54	NA	-36	Pass
NVNT	BLE 2M	2440	Ant1	1000 -2398	2284.00	-47.59	NA	-30	Pass
NVNT	BLE 2M	2440	Ant1	2485.5 -12750	4880.00	-42.80	NA	-30	Pass
NVNT	BLE 2M	2478	Ant1	30 -47	32.40	-68.96	NA	-36	Pass
NVNT	BLE 2M	2478	Ant1	47 -74	73.85	-68.97	NA	-54	Pass
NVNT	BLE 2M	2478	Ant1	74 -87.5	82.10	-68.59	NA	-36	Pass
NVNT	BLE 2M	2478	Ant1	87.5 -118	115.80	-69.07	NA	-54	Pass
NVNT	BLE 2M	2478	Ant1	118 -174	154.30	-68.71	NA	-36	Pass
NVNT	BLE 2M	2478	Ant1	174 -230	210.10	-67.81	NA	-54	Pass
NVNT	BLE 2M	2478	Ant1	230 -470	358.20	-66.91	NA	-36	Pass
NVNT	BLE 2M	2478	Ant1	470 -694	684.25	-66.68	NA	-54	Pass
NVNT	BLE 2M	2478	Ant1	694 -1000	863.25	-61.55	NA	-36	Pass
NVNT	BLE 2M	2478	Ant1	1000 -2398	2322.00	-50.71	NA	-30	Pass
NVNT	BLE 2M	2478	Ant1	2485.5 -12750	2486.00	-41.24	NA	-30	Pass

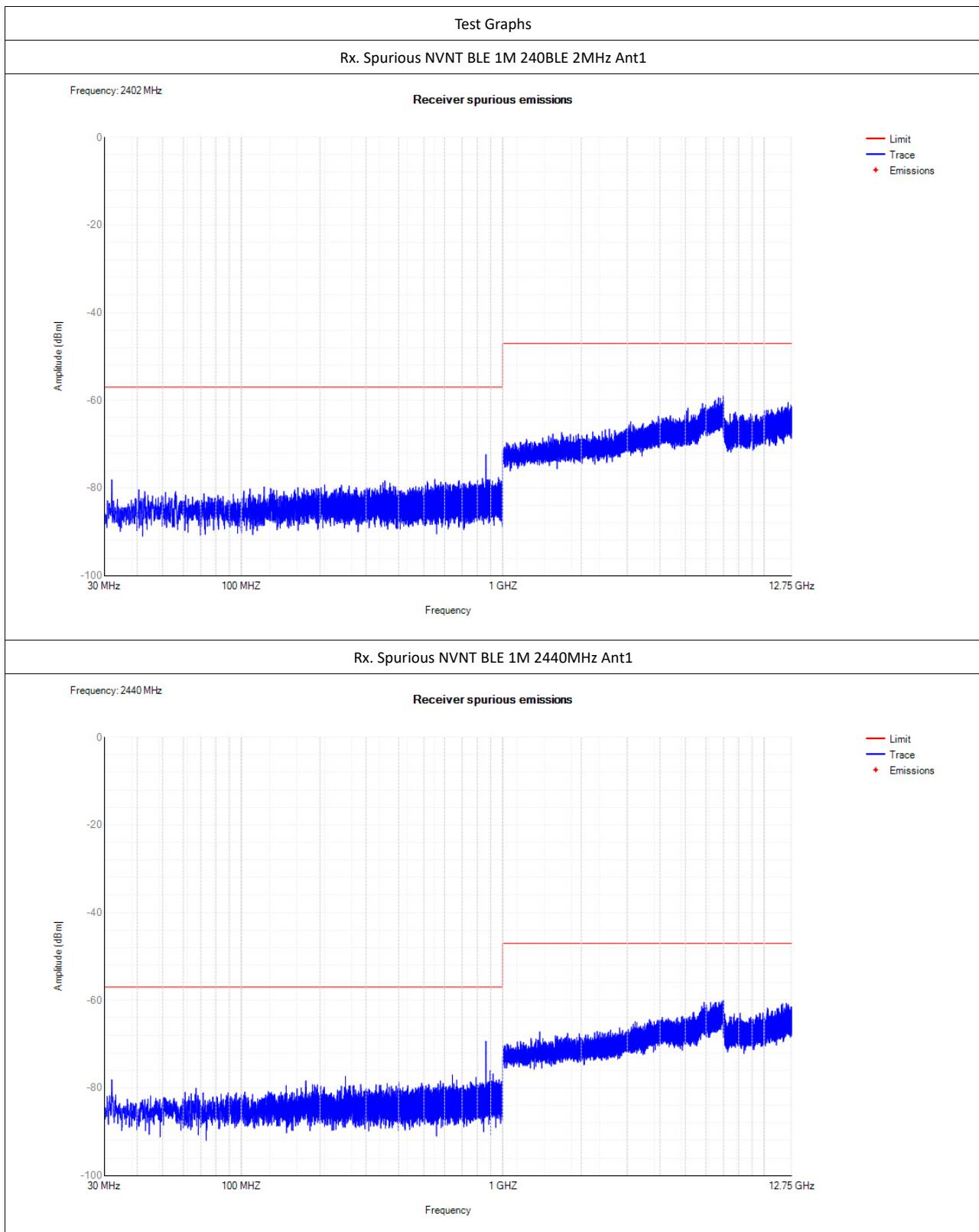


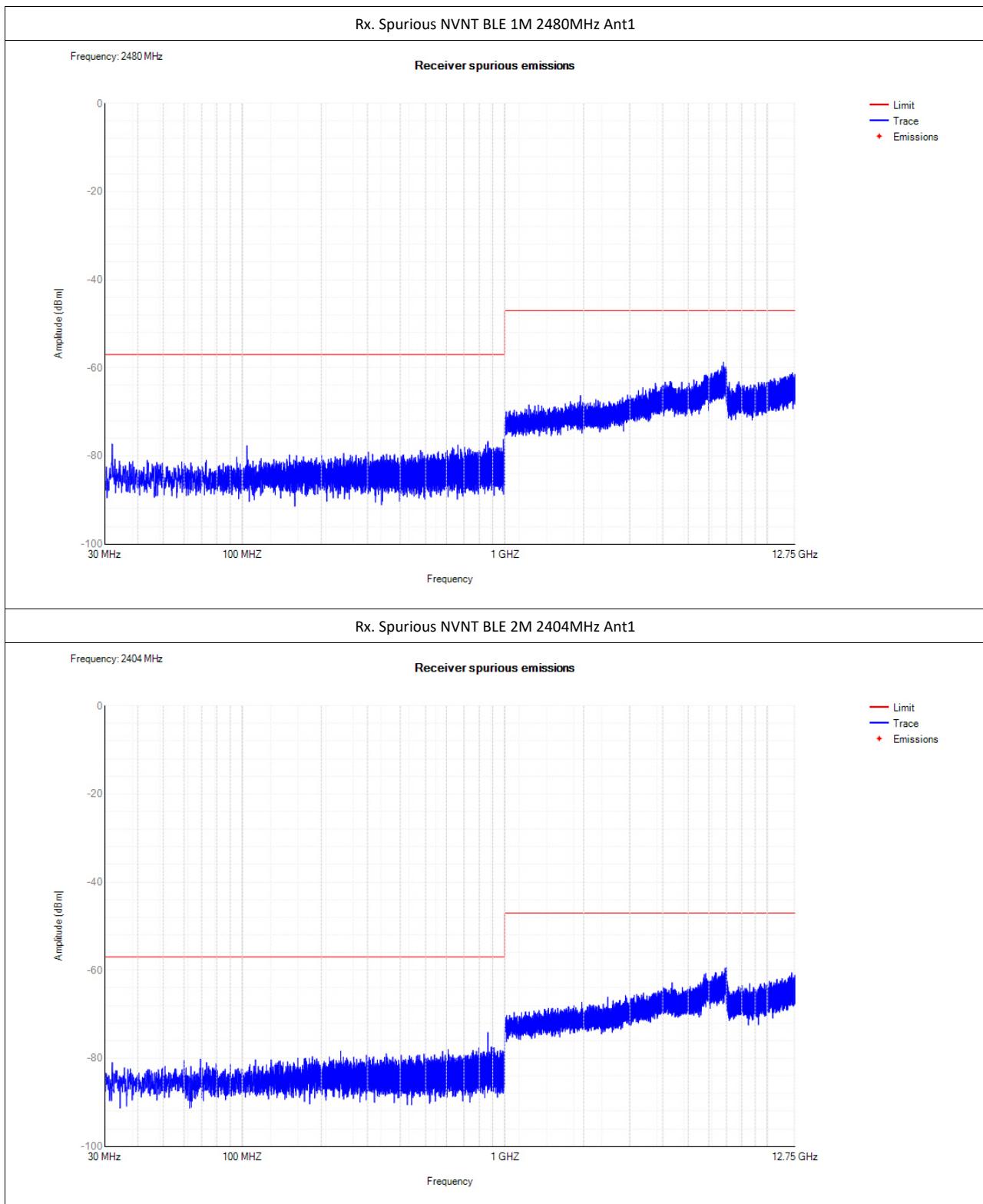


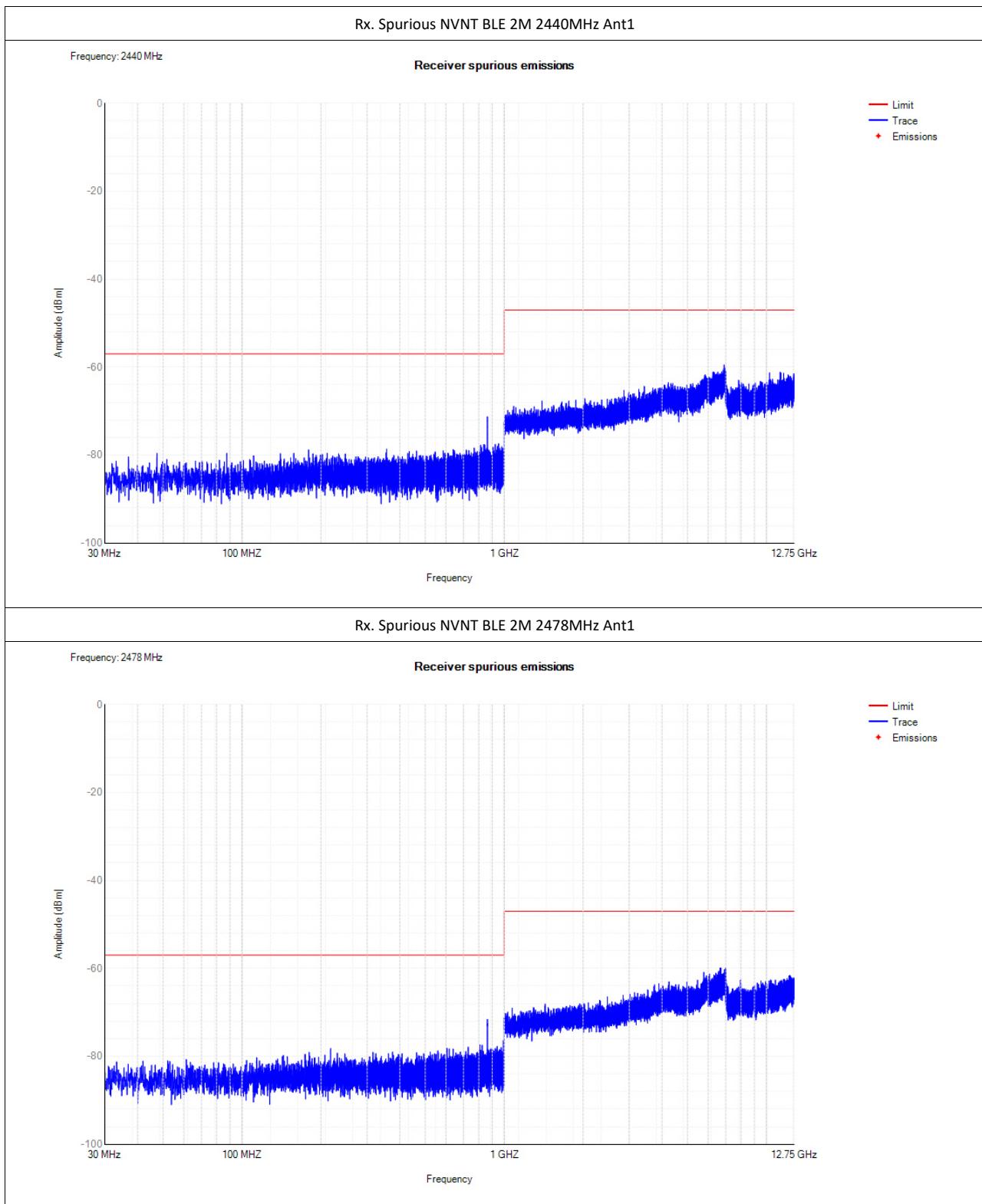


Receiver spurious emissions

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Spur Freq (MHz)	Peak (dBm)	RMS (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	30 -1000	863.3	-72.37	NA	-57	Pass
NVNT	BLE 1M	2402	Ant1	1000 -12750	6976.5	-58.95	NA	-47	Pass
NVNT	BLE 1M	2440	Ant1	30 -1000	863.2	-69.36	NA	-57	Pass
NVNT	BLE 1M	2440	Ant1	1000 -12750	6995.5	-60.04	NA	-47	Pass
NVNT	BLE 1M	2480	Ant1	30 -1000	988.6	-76.25	NA	-57	Pass
NVNT	BLE 1M	2480	Ant1	1000 -12750	6809.5	-58.70	NA	-47	Pass
NVNT	BLE 2M	2404	Ant1	30 -1000	863.2	-74.13	NA	-57	Pass
NVNT	BLE 2M	2404	Ant1	1000 -12750	6999	-59.43	NA	-47	Pass
NVNT	BLE 2M	2440	Ant1	30 -1000	863.2	-71.29	NA	-57	Pass
NVNT	BLE 2M	2440	Ant1	1000 -12750	6901.5	-59.48	NA	-47	Pass
NVNT	BLE 2M	2478	Ant1	30 -1000	863.15	-71.62	NA	-57	Pass
NVNT	BLE 2M	2478	Ant1	1000 -12750	6711.5	-59.89	NA	-47	Pass







Receiver Blocking

Condition	Mode	Frequency (MHz)	Antenna	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER (%)	Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-71.87	2380	-33	3.46	10	Pass
NVNT	BLE 1M	2402	Ant1	-77.87	2300	-33	4.11	10	Pass
NVNT	BLE 1M	2402	Ant1	-77.87	2330	-33	3.39	10	Pass
NVNT	BLE 1M	2402	Ant1	-77.87	2360	-33	3.61	10	Pass
NVNT	BLE 1M	2480	Ant1	-71.91	2504	-33	4.67	10	Pass
NVNT	BLE 1M	2480	Ant1	-77.91	2524	-33	3.29	10	Pass
NVNT	BLE 1M	2480	Ant1	-77.91	2584	-33	3.61	10	Pass
NVNT	BLE 1M	2480	Ant1	-77.91	2674	-33	3.67	10	Pass

