Appendix: Bluetooth Classic

Contents

1.Duty Cycle

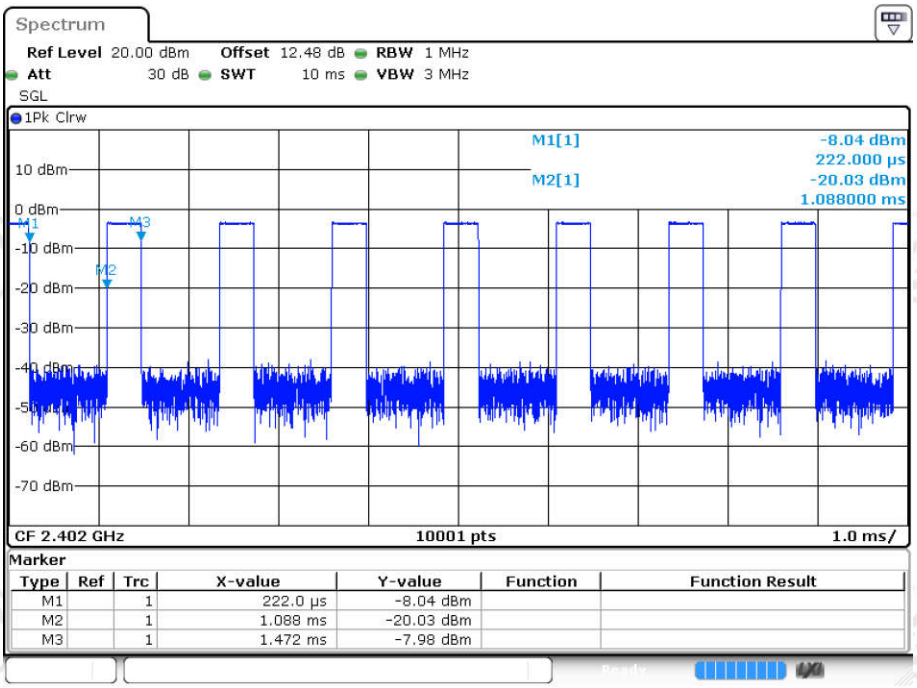
Test data：

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.72	5.13	2.6
NVNT	1-DH1	2441	Ant1	30.72	5.13	2.6
NVNT	1-DH1	2480	Ant1	30.72	5.13	2.6
NVNT	1-DH3	2402	Ant1	65.6	1.83	0.61
NVNT	1-DH3	2441	Ant1	65.57	1.83	0.61
NVNT	1-DH3	2480	Ant1	65.59	1.83	0.61
NVNT	1-DH5	2402	Ant1	77.01	1.13	0.35
NVNT	1-DH5	2441	Ant1	77.01	1.13	0.35
NVNT	1-DH5	2480	Ant1	77.01	1.13	0.35
NVNT	2-DH1	2402	Ant1	31.44	5.03	2.54
NVNT	2-DH1	2441	Ant1	31.44	5.03	2.54
NVNT	2-DH1	2480	Ant1	31.44	5.03	2.54
NVNT	2-DH3	2402	Ant1	65.8	1.82	0.61
NVNT	2-DH3	2441	Ant1	65.8	1.82	0.61
NVNT	2-DH3	2480	Ant1	65.8	1.82	0.61
NVNT	2-DH5	2402	Ant1	77.15	1.13	0.35
NVNT	2-DH5	2441	Ant1	77.12	1.13	0.35
NVNT	2-DH5	2480	Ant1	77.15	1.13	0.35

Test graphs：

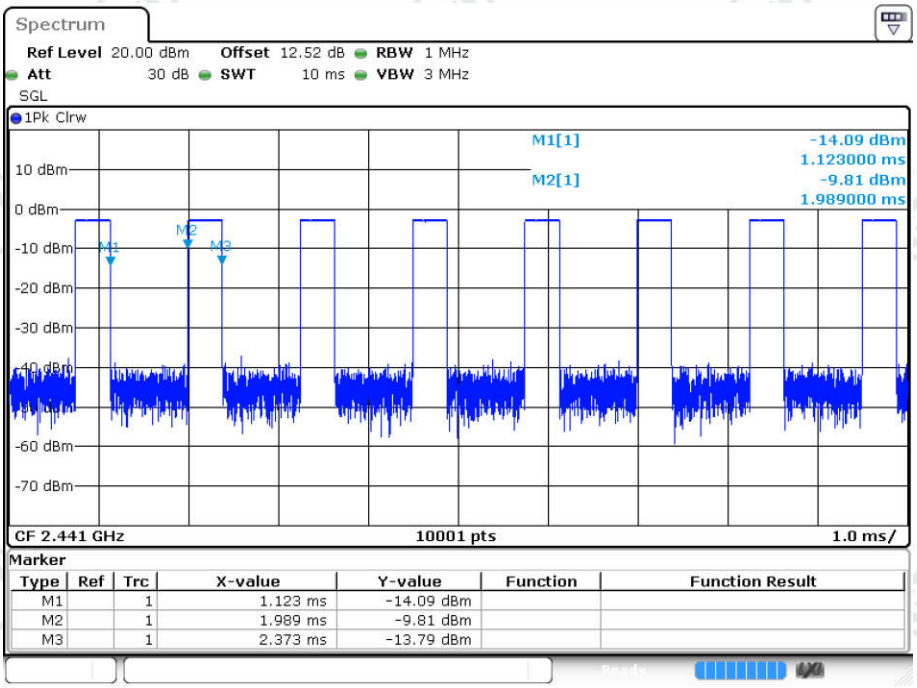
Test Graphs

Duty Cycle NVNT 1-DH1 2402MHz Ant1



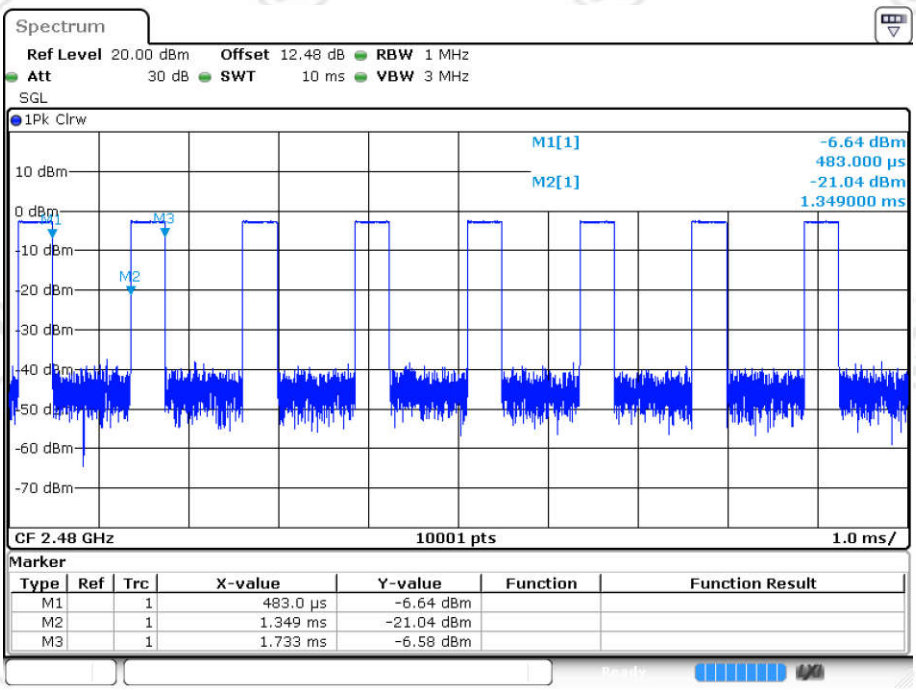
Date: 24.JUN.2022 11:03:19

Duty Cycle NVNT 1-DH1 2441MHz Ant1

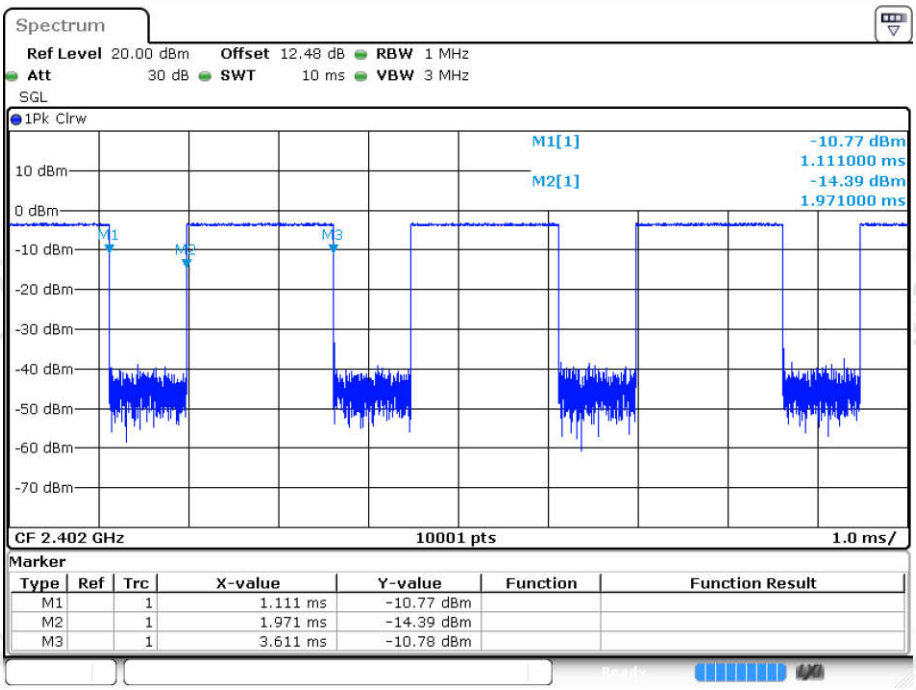


Date: 24.JUN.2022 11:03:34

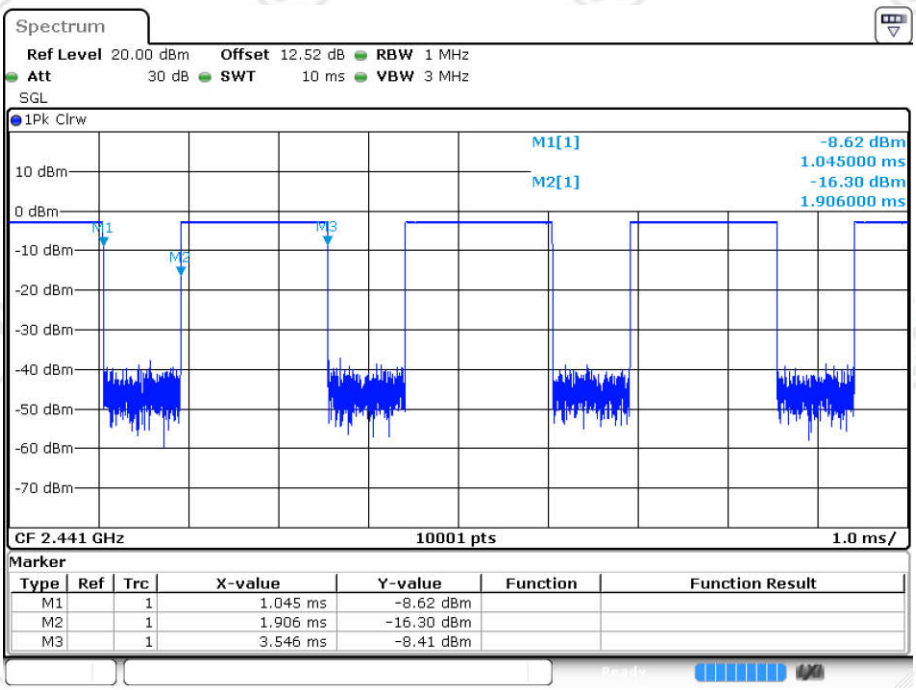
Duty Cycle NVNT 1-DH1 2480MHz Ant1



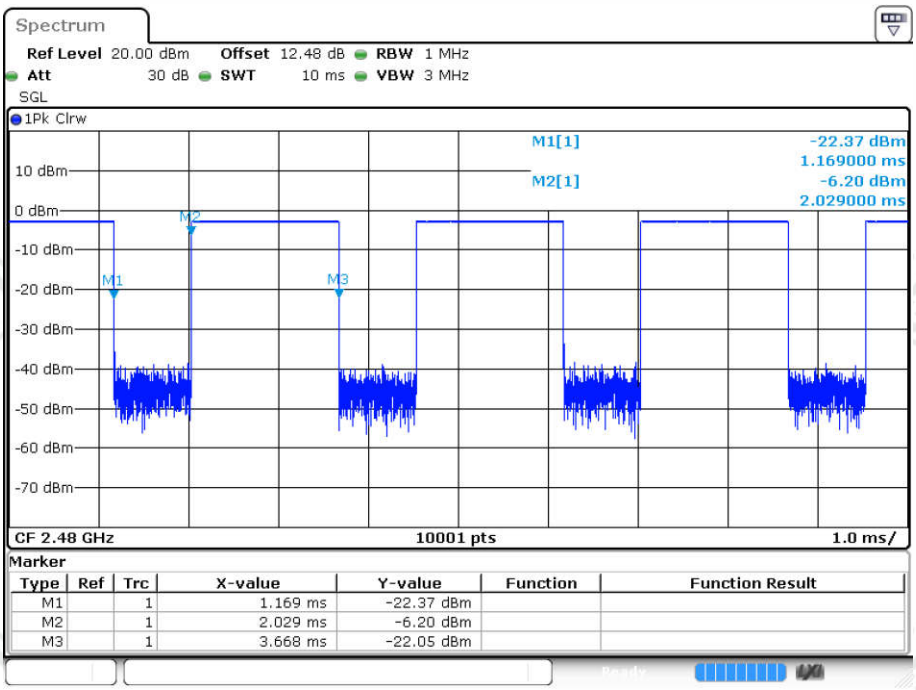
Duty Cycle NVNT 1-DH3 2402MHz Ant1



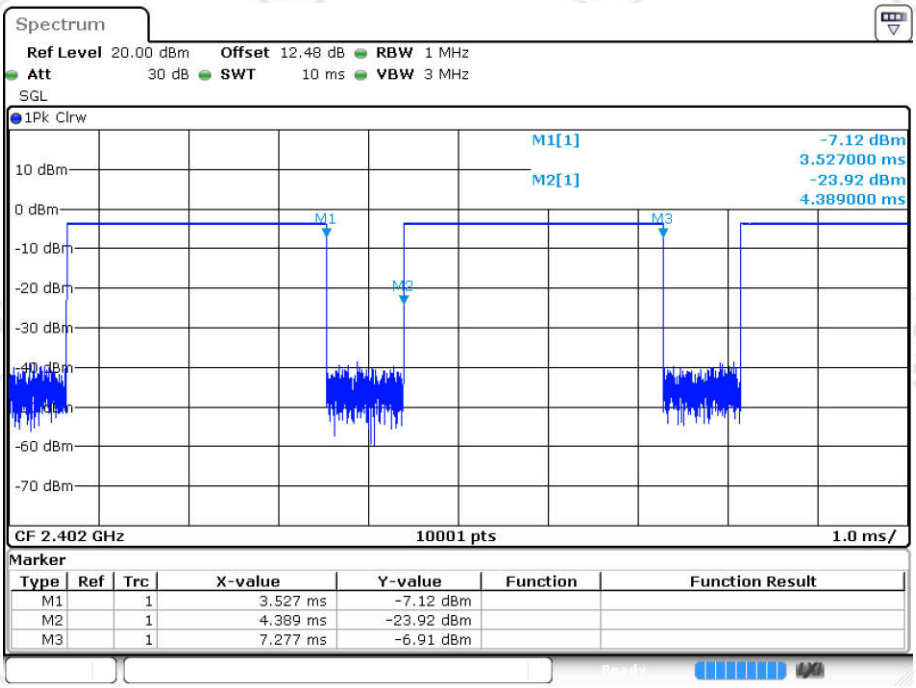
Duty Cycle NVNT 1-DH3 2441MHz Ant1



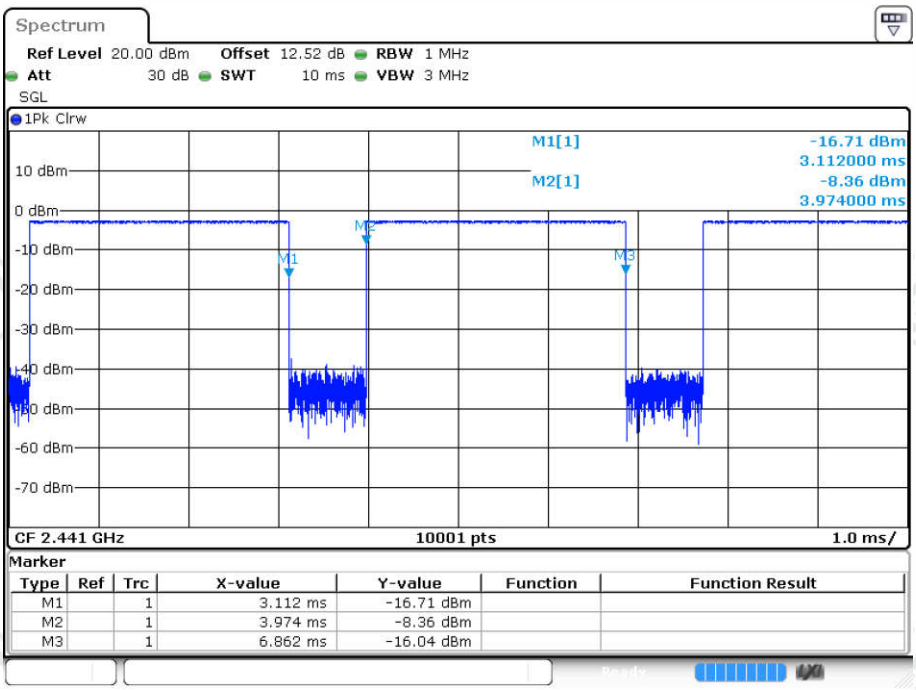
Duty Cycle NVNT 1-DH3 2480MHz Ant1



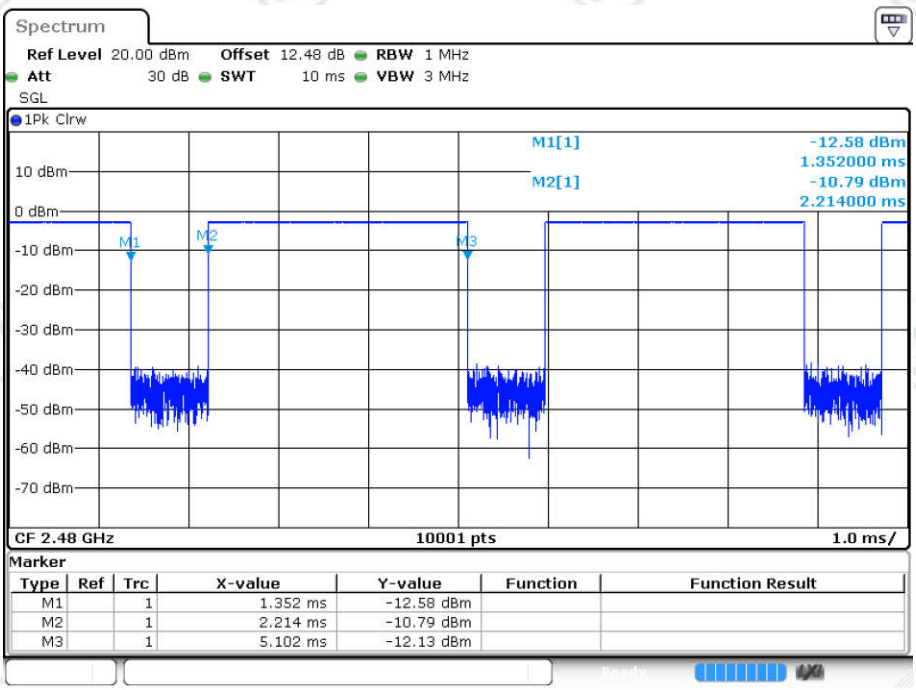
Duty Cycle NVNT 1-DH5 2402MHz Ant1



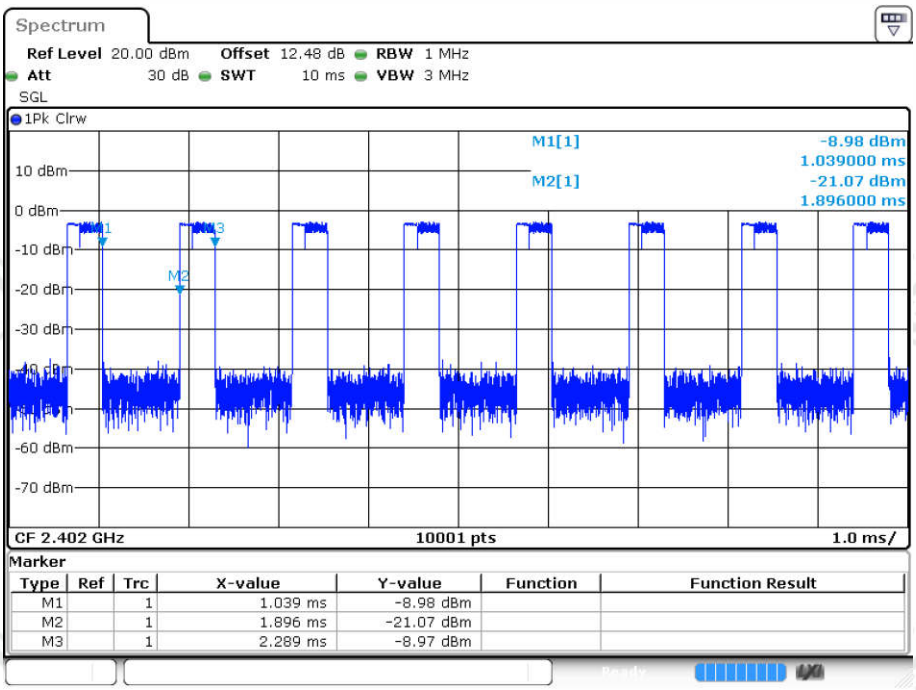
Duty Cycle NVNT 1-DH5 2441MHz Ant1



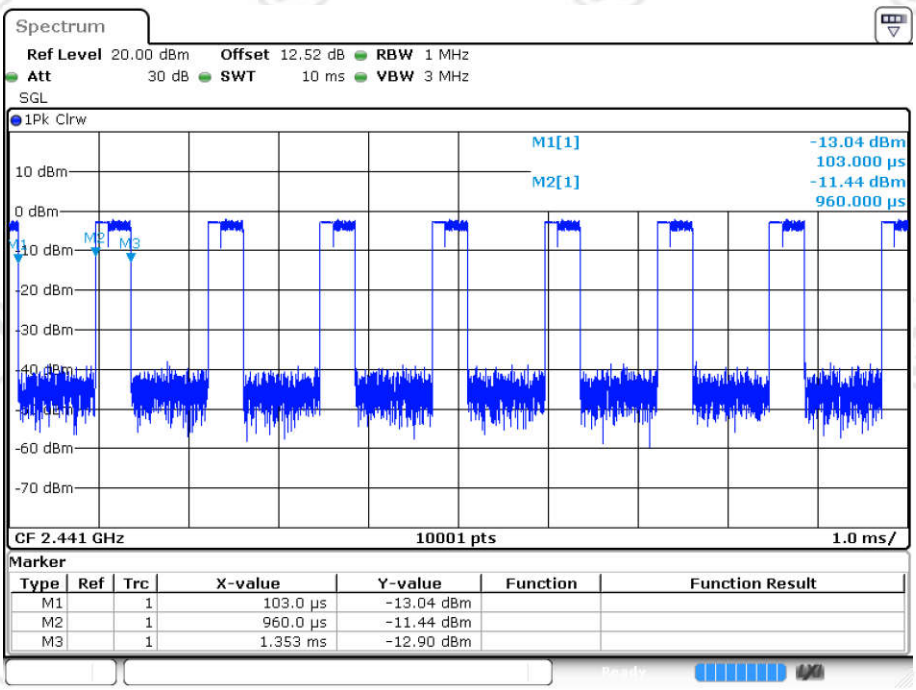
Duty Cycle NVNT 1-DH5 2480MHz Ant1



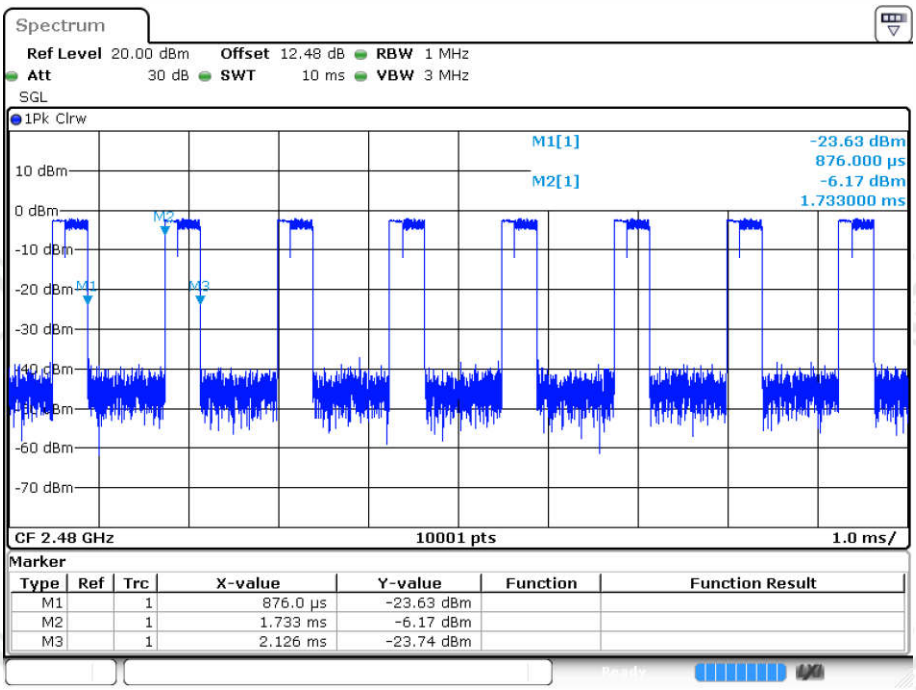
Duty Cycle NVNT 2-DH1 2402MHz Ant1



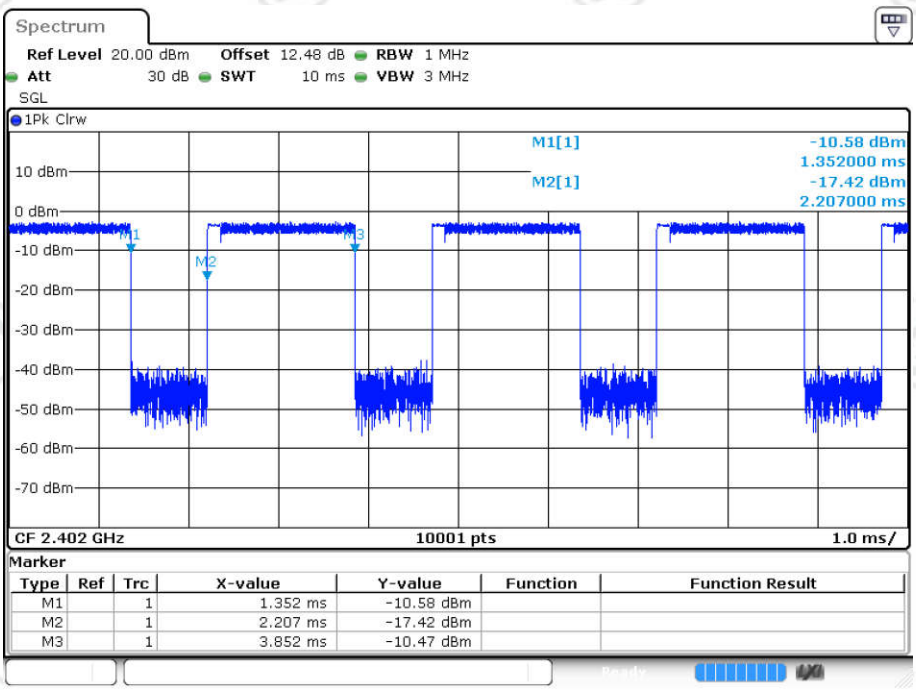
Duty Cycle NVNT 2-DH1 2441MHz Ant1



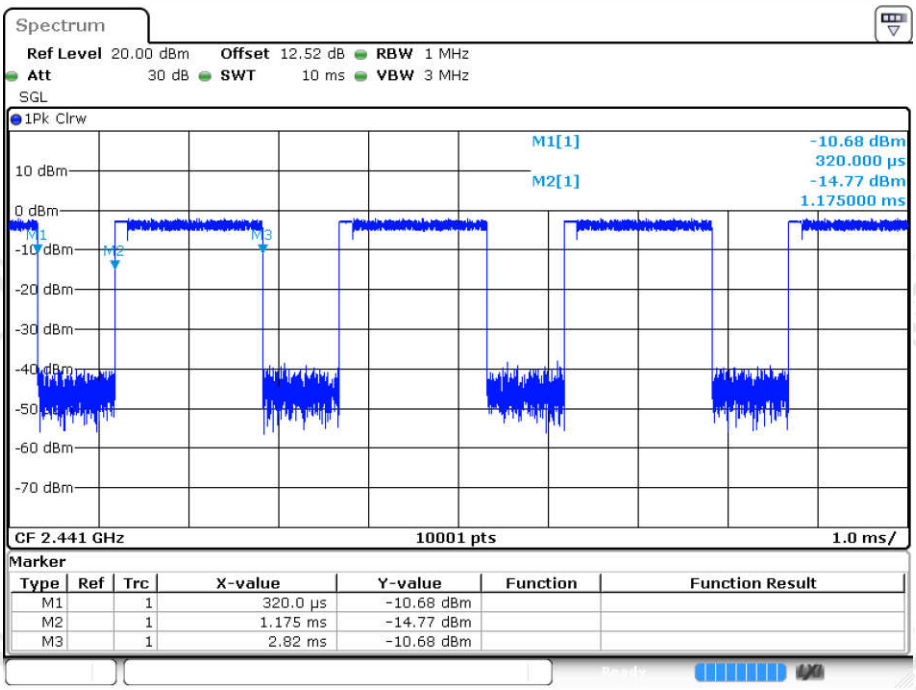
Duty Cycle NVNT 2-DH1 2480MHz Ant1



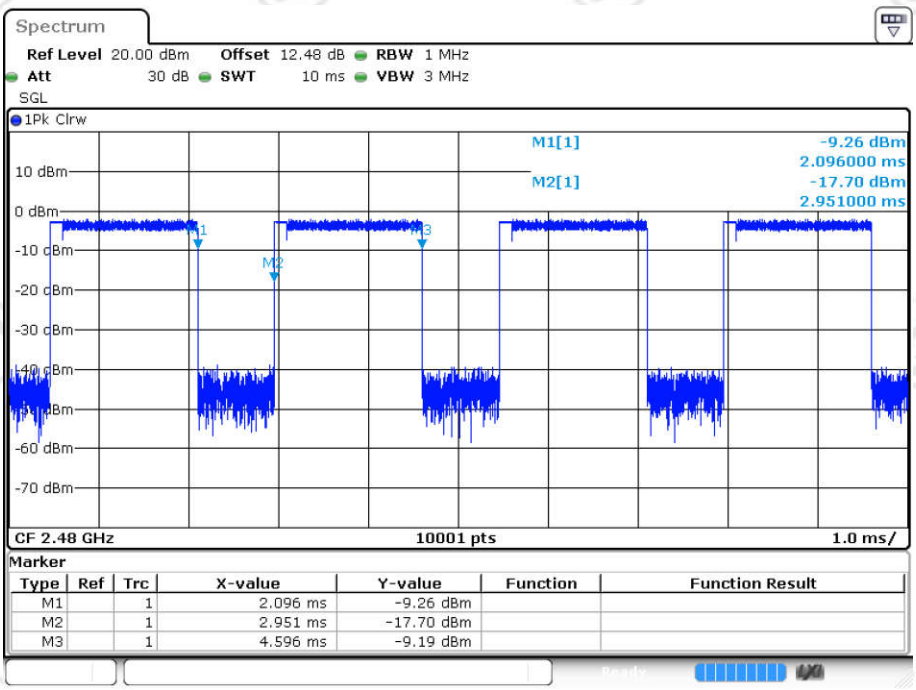
Duty Cycle NVNT 2-DH3 2402MHz Ant1



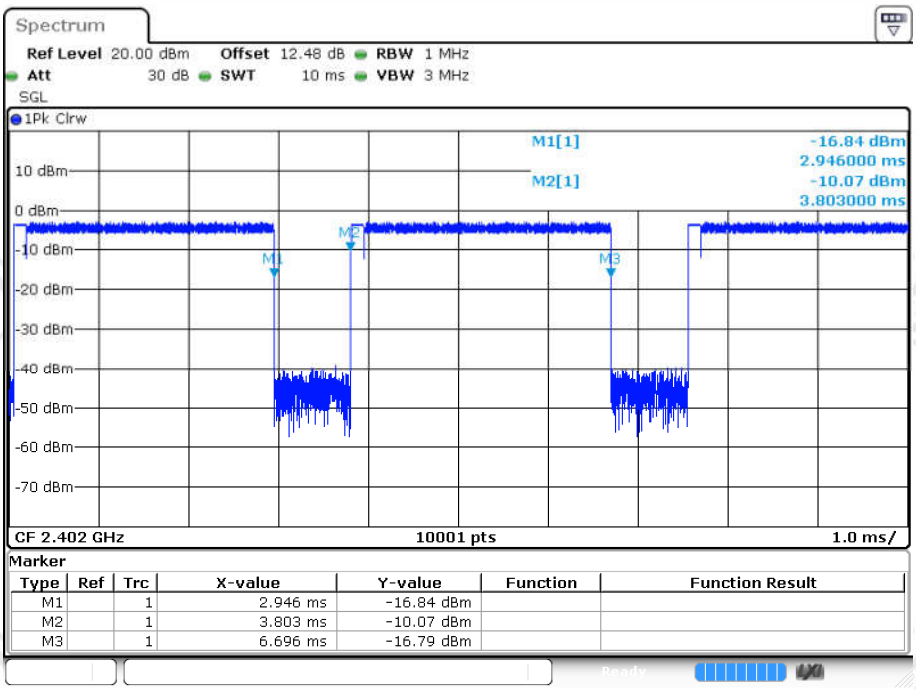
Duty Cycle NVNT 2-DH3 2441MHz Ant1



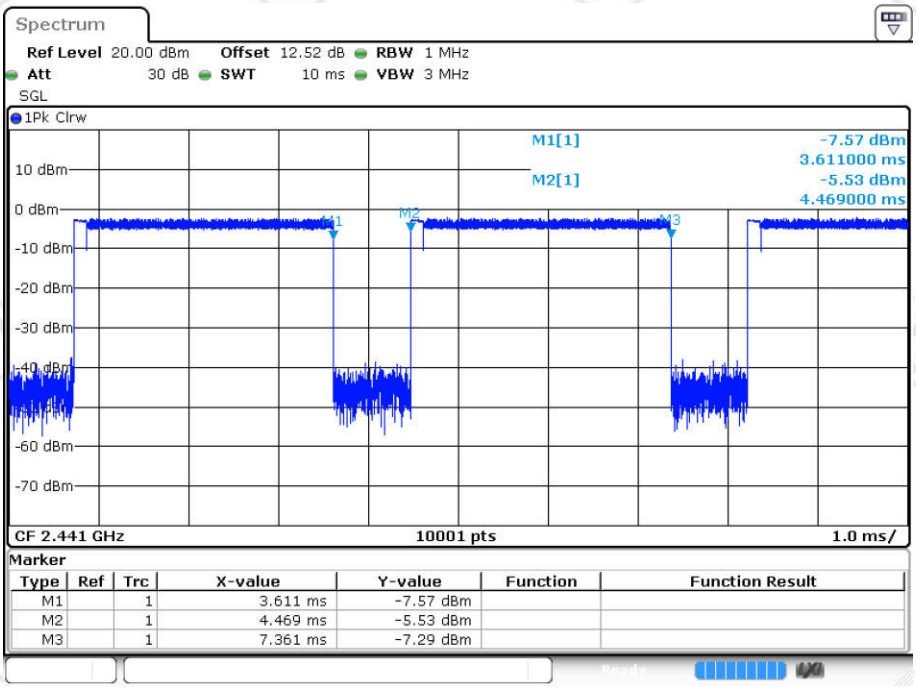
Duty Cycle NVNT 2-DH3 2480MHz Ant1



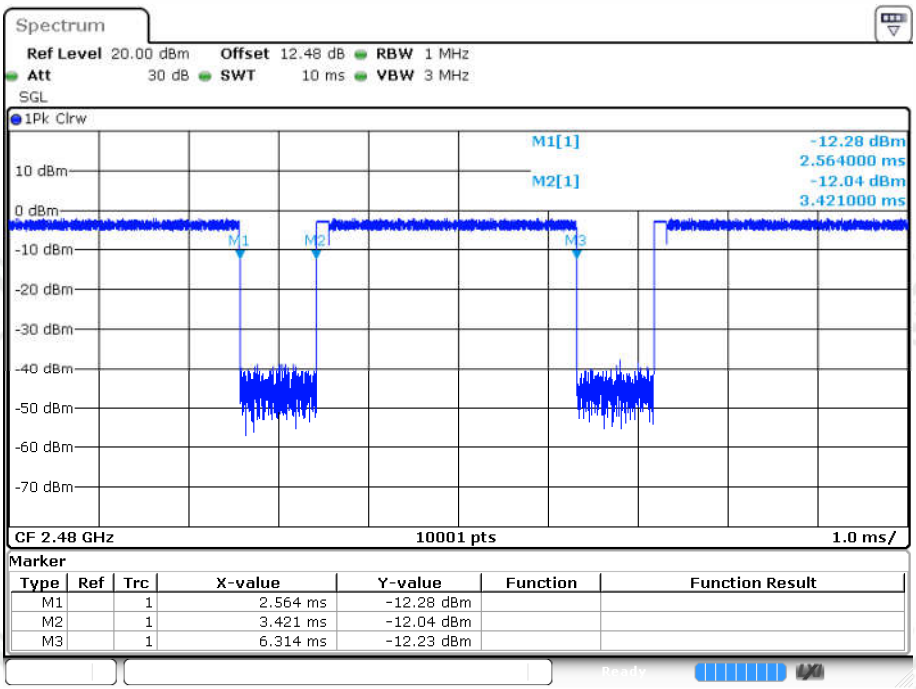
Duty Cycle NVNT 2-DH5 2402MHz Ant1



Duty Cycle NVNT 2-DH5 2441MHz Ant1



Duty Cycle NVNT 2-DH5 2480MHz Ant1



2.Dwell Time

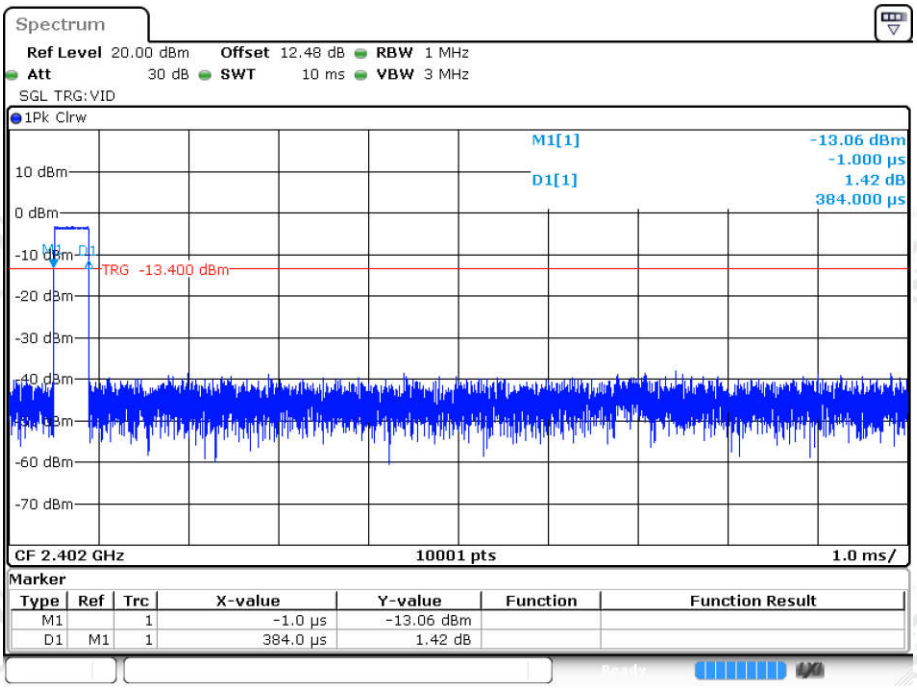
Test data：

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	0.384	122.496	319	31600	400	Pass
NVNT	1-DH1	2441	Ant1	0.382	121.858	319	31600	400	Pass
NVNT	1-DH1	2480	Ant1	0.383	122.177	319	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.639	245.85	150	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.638	260.442	159	31600	400	Pass
NVNT	1-DH3	2480	Ant1	1.638	273.546	167	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.887	268.491	93	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	280.039	97	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	326.231	113	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.392	124.264	317	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.392	123.872	316	31600	400	Pass
NVNT	2-DH1	2480	Ant1	0.392	124.656	318	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.643	262.88	160	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.644	258.108	157	31600	400	Pass
NVNT	2-DH3	2480	Ant1	1.644	276.192	168	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.892	277.632	96	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	289.2	100	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.892	277.632	96	31600	400	Pass

Test graphs：

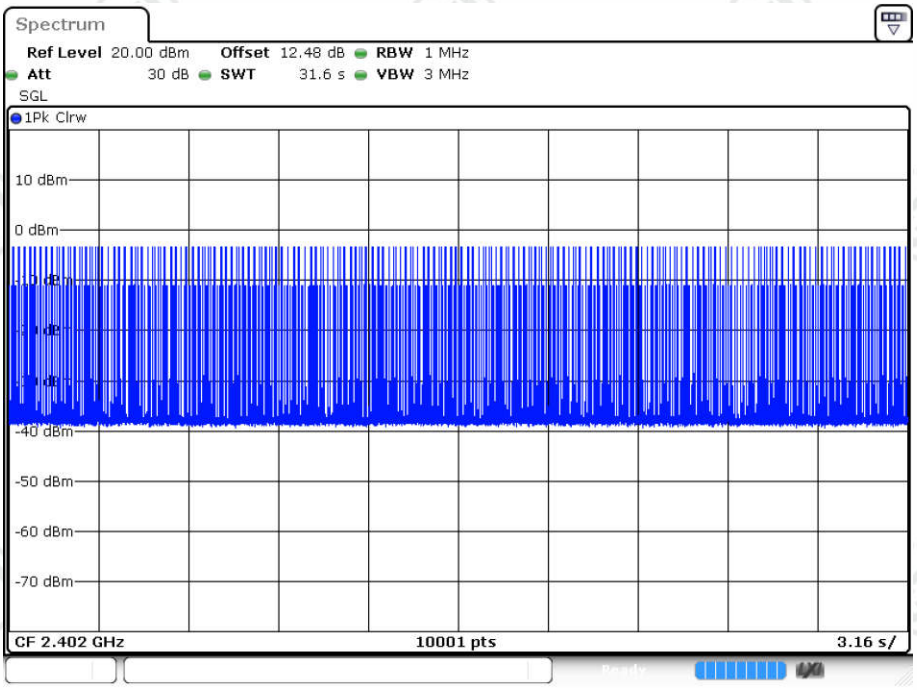
Test Graphs

Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



Date: 24.JUN.2022 11:30:08

Dwell NVNT 1-DH1 2402MHz Ant1 Accumulated



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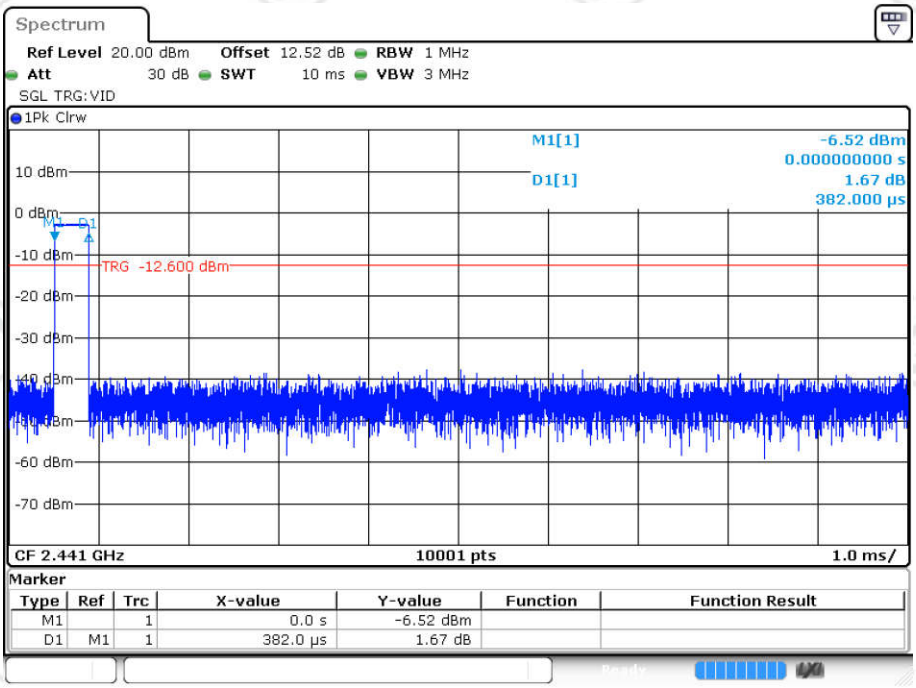
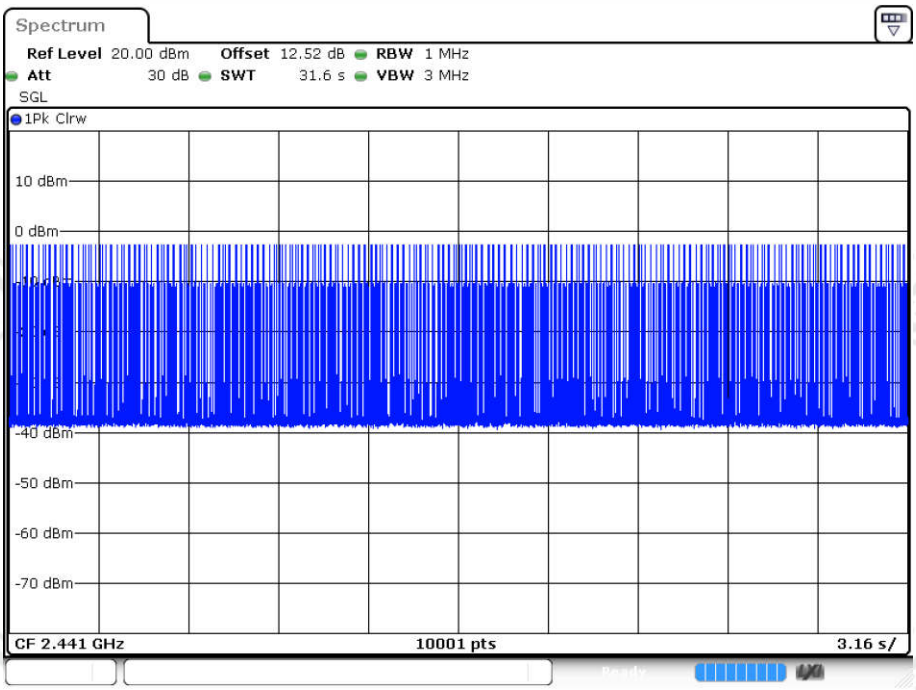
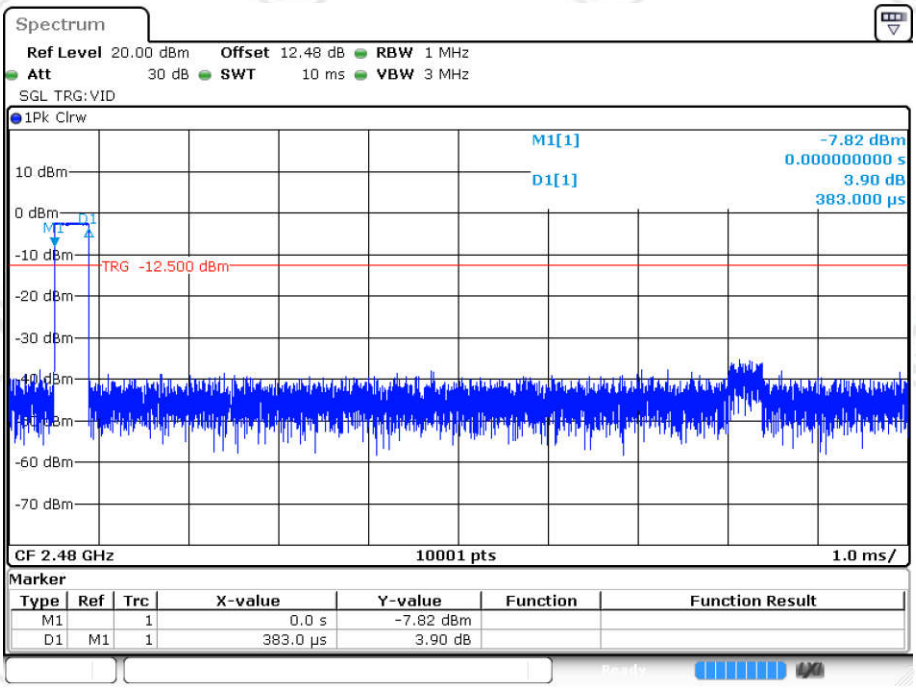
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated

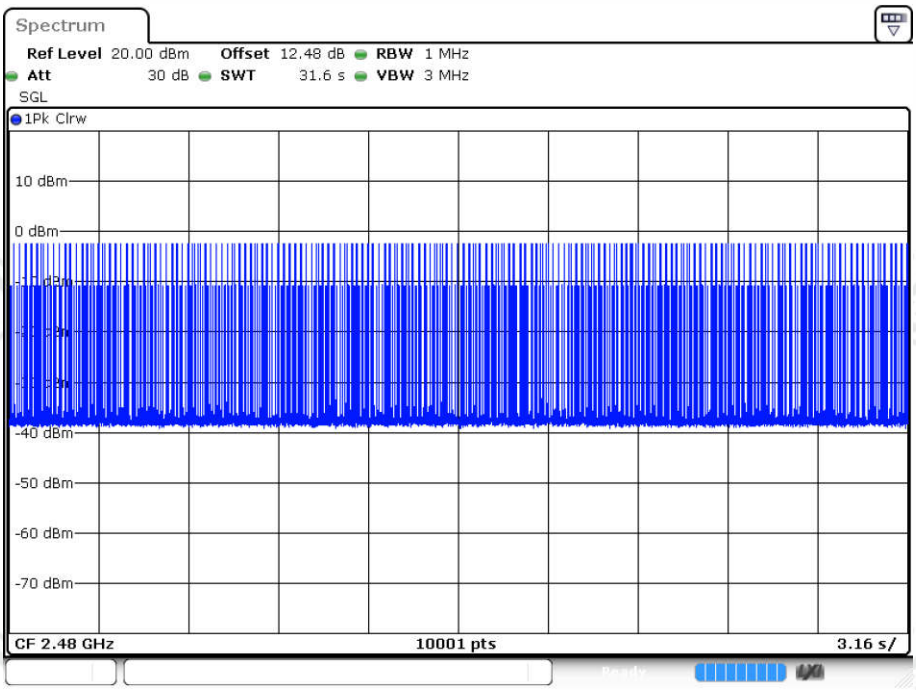


Dwell NVNT 1-DH1 2480MHz Ant1 One Burst



Date: 24.JUN.2022 11:32:47

Dwell NVNT 1-DH1 2480MHz Ant1 Accumulated



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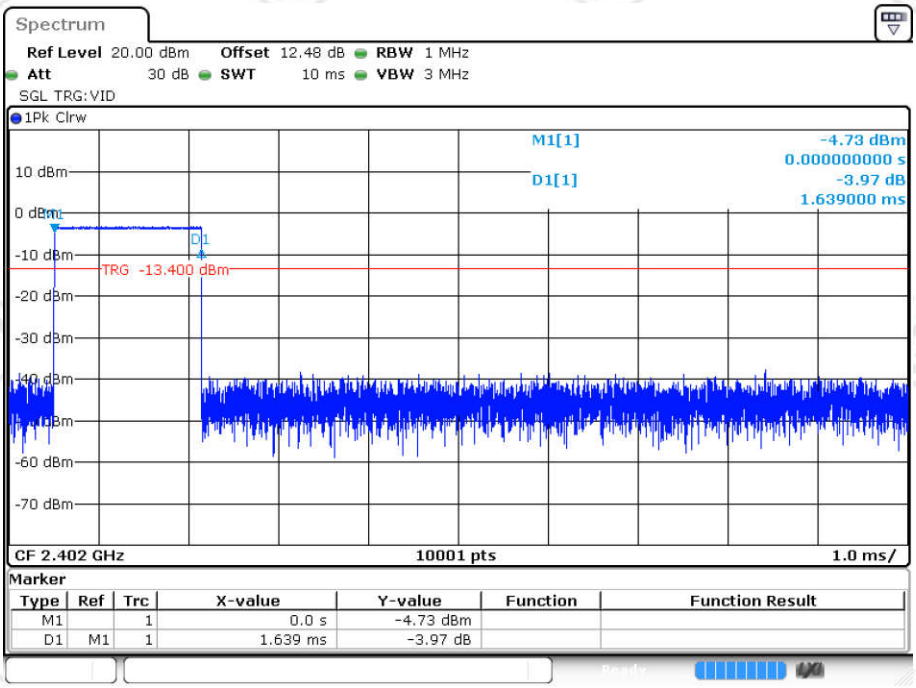
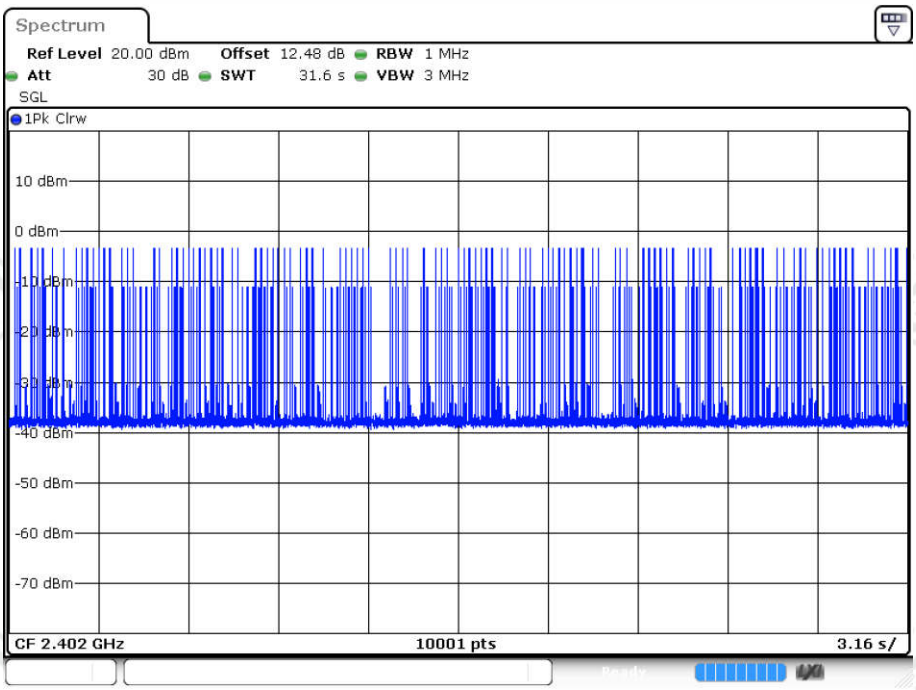
Dwell NVNT 1-DH3 2402MHz Ant1 One Burst



Date: 24.JUN.2022 11:33:47

Dwell NVNT 1-DH3 2402MHz Ant1 Accumulated



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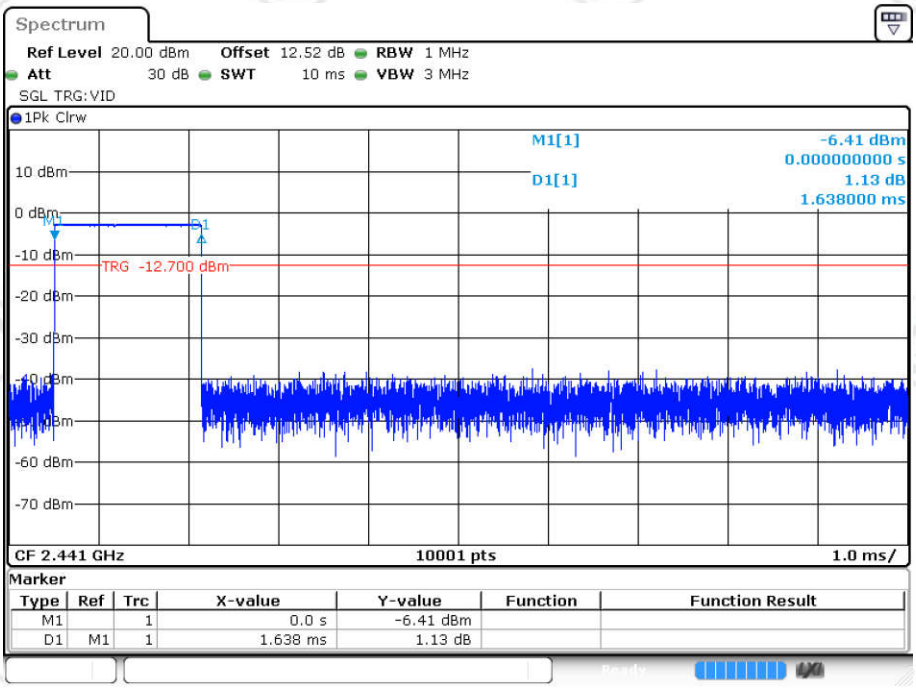
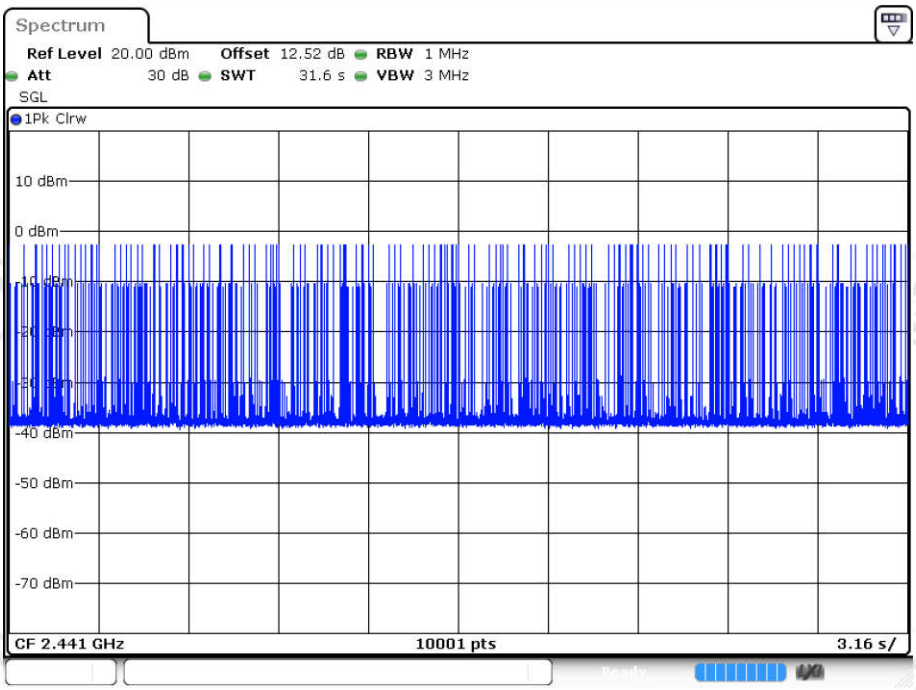
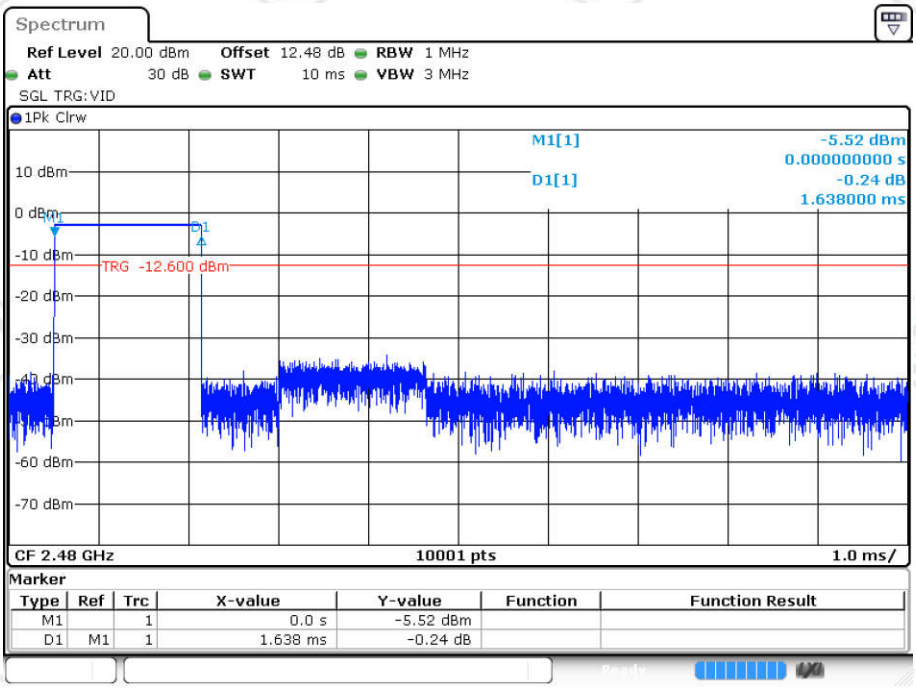
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



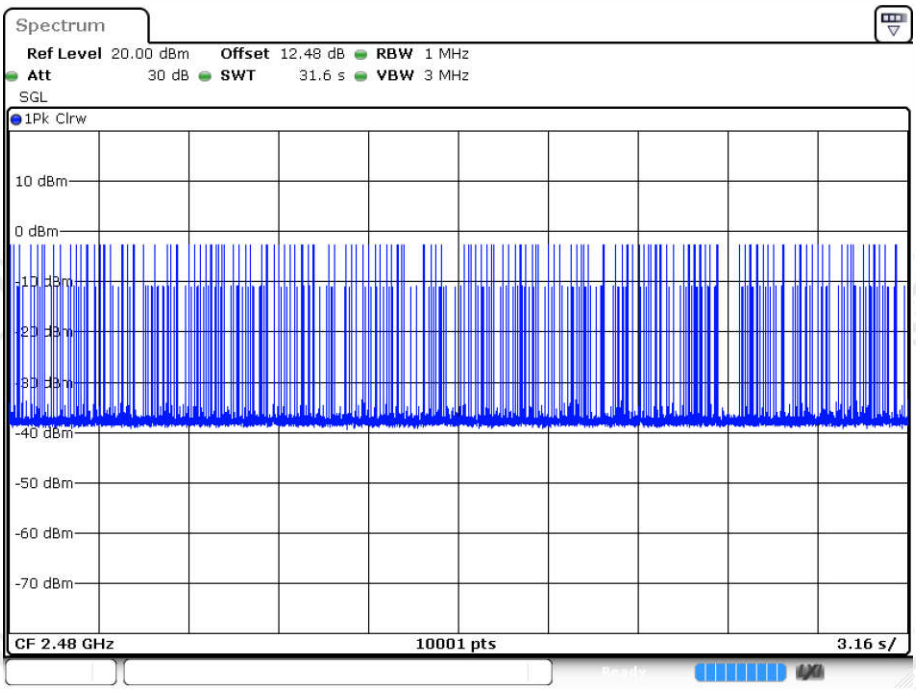
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



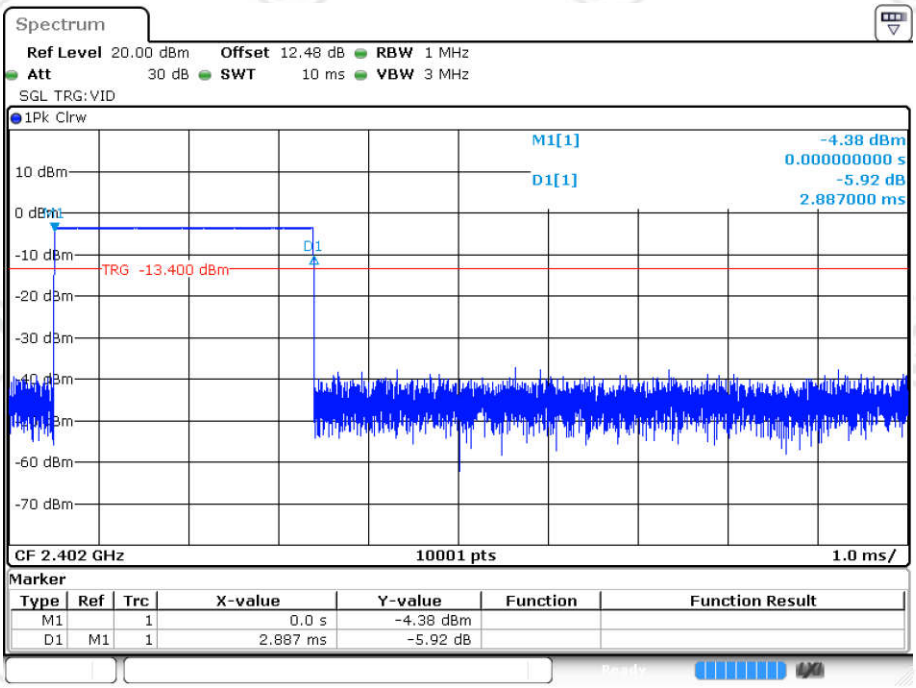
Dwell NVNT 1-DH3 2480MHz Ant1 One Burst



Dwell NVNT 1-DH3 2480MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



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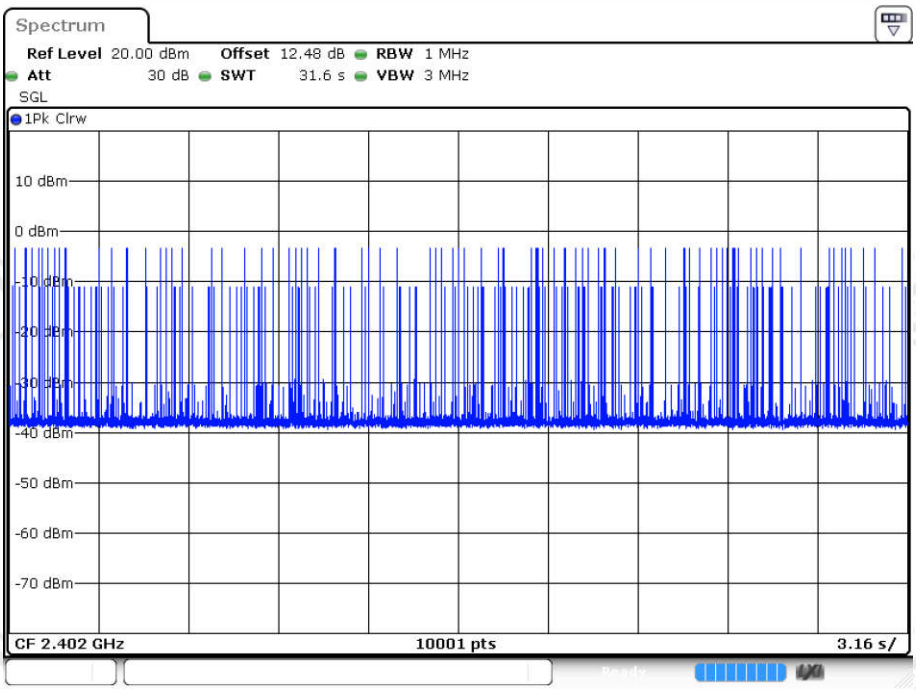
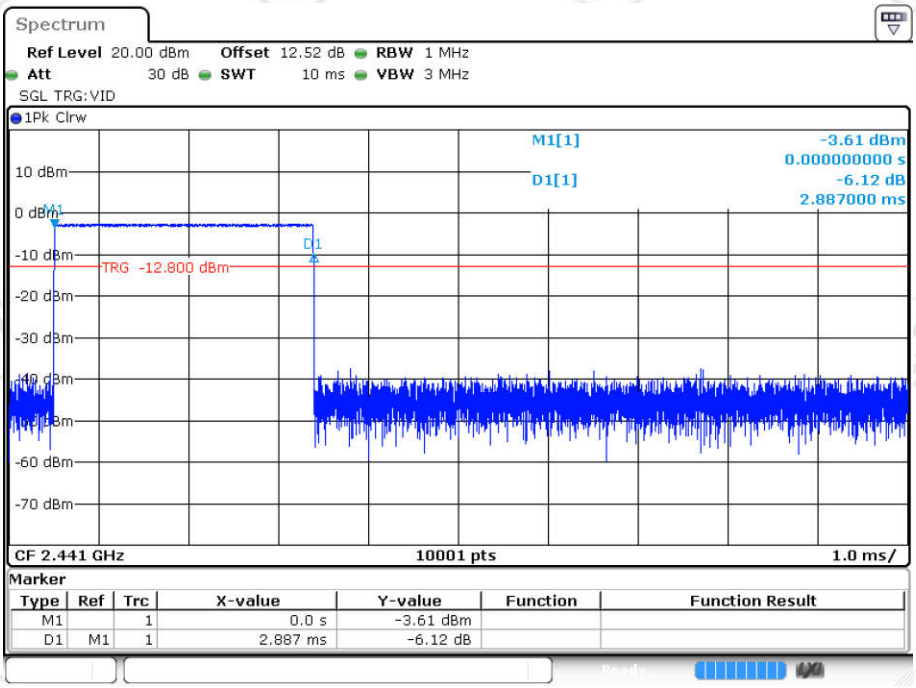
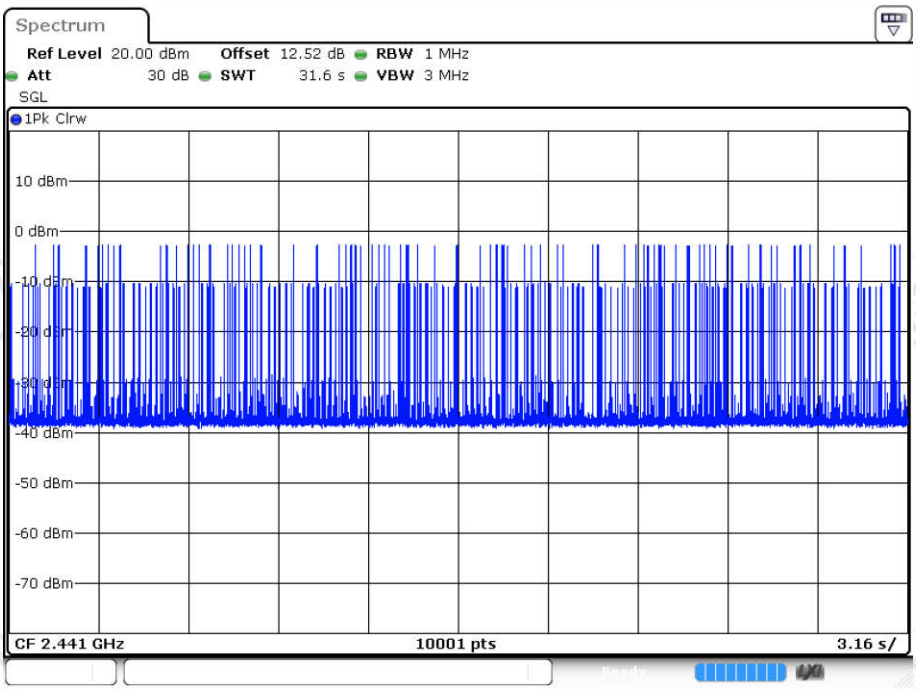


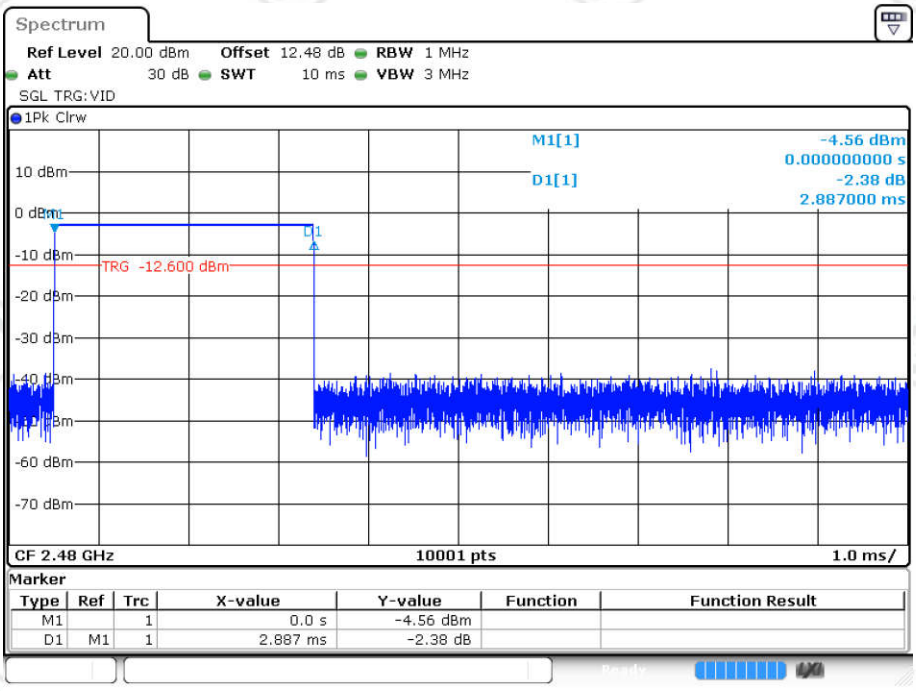
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



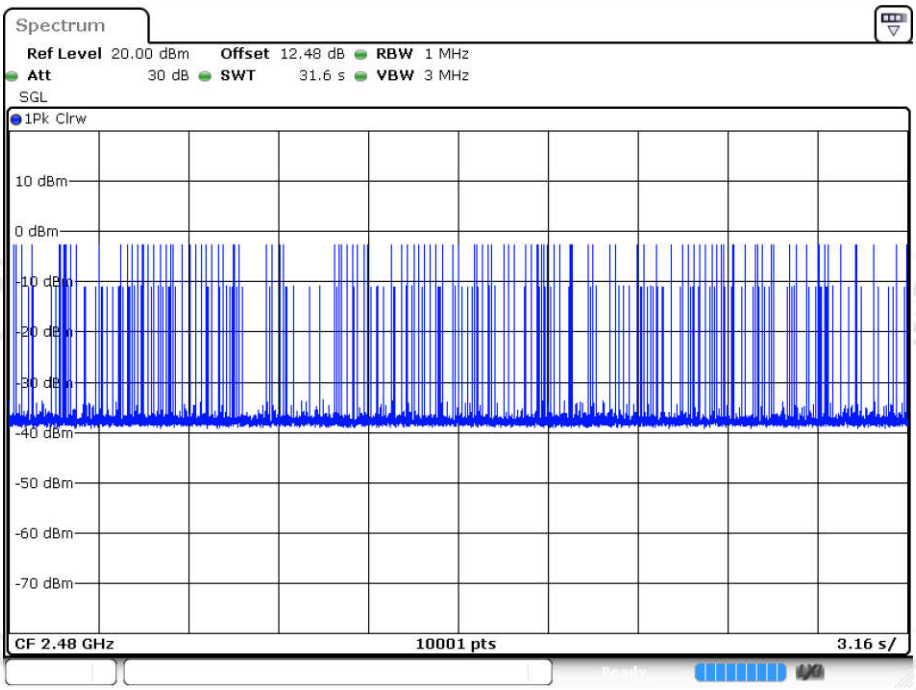
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



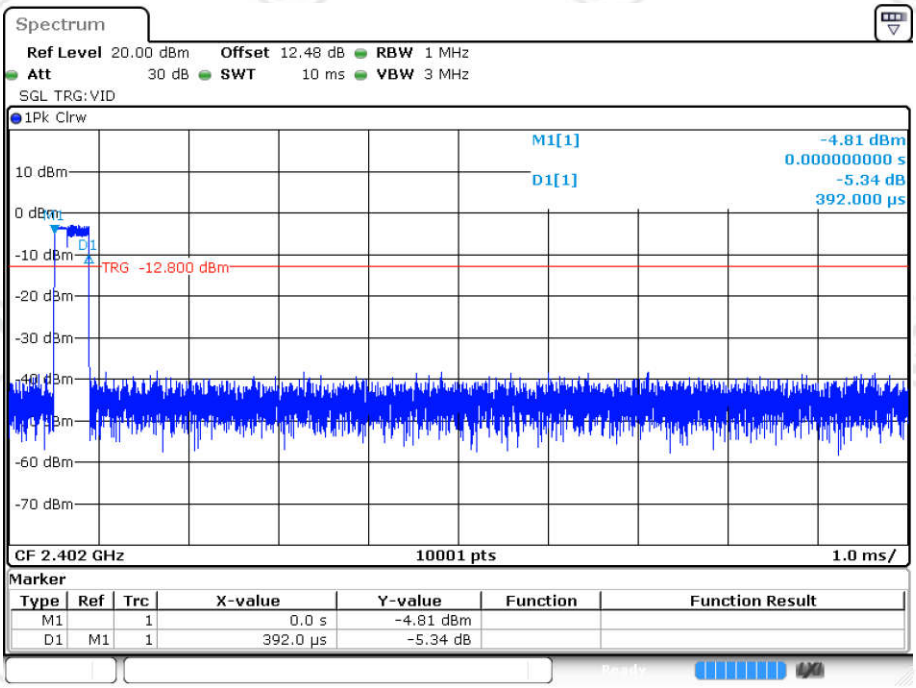
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



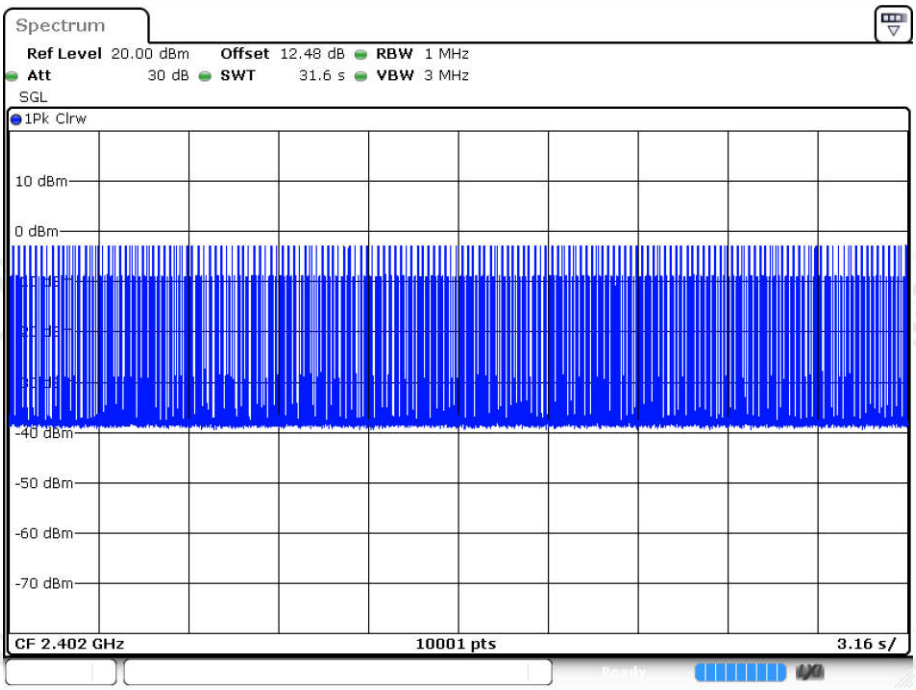
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



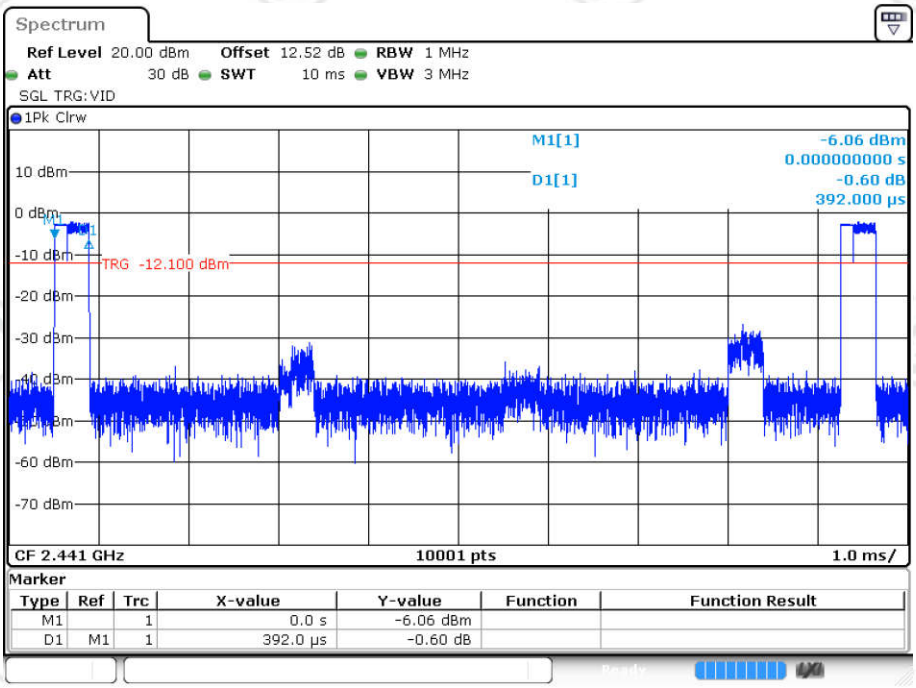
Dwell NVNT 2-DH1 2402MHz Ant1 One Burst



Dwell NVNT 2-DH1 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



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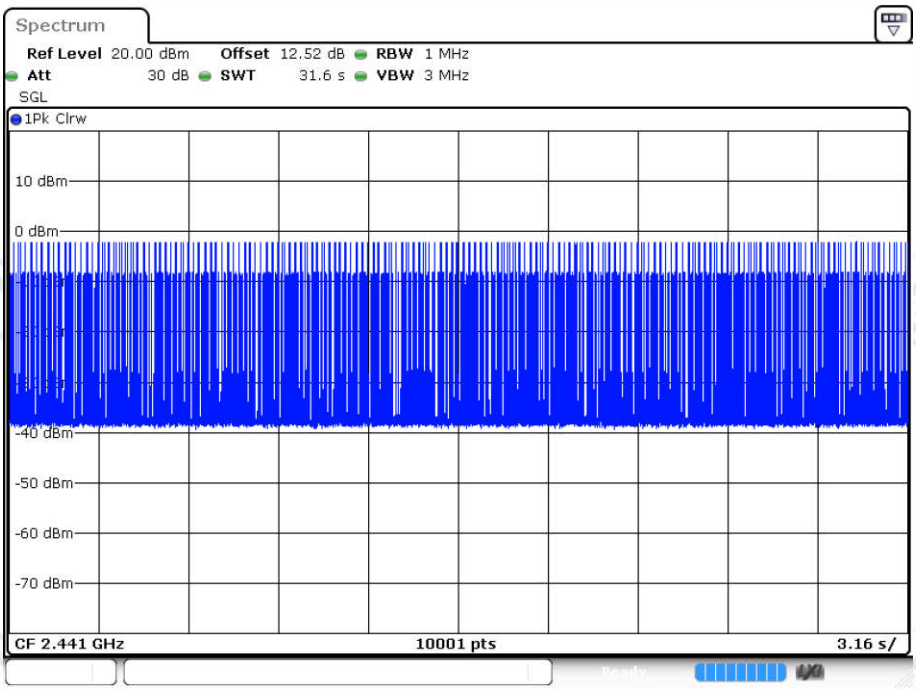
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



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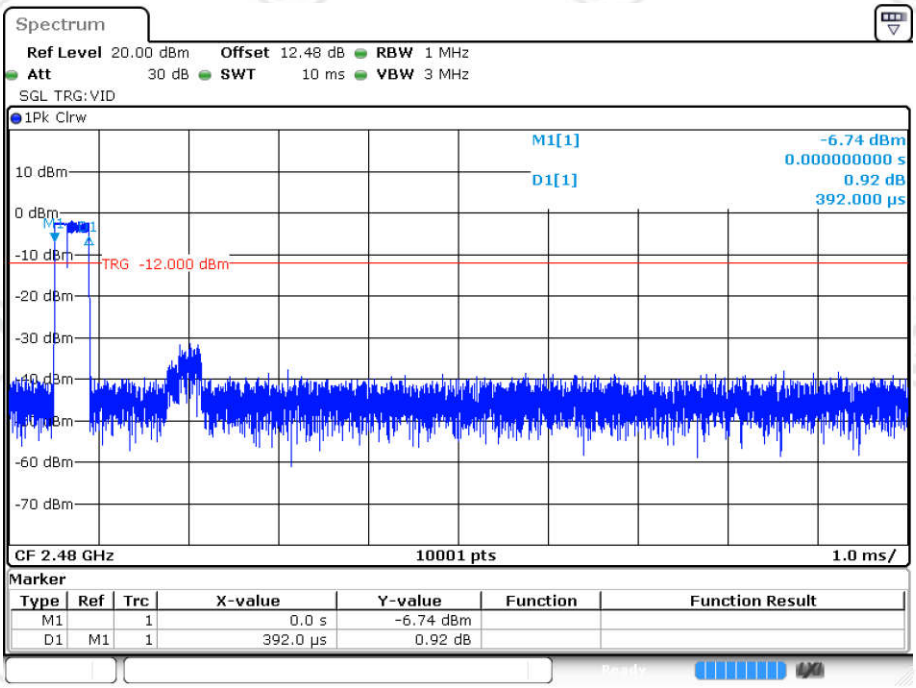
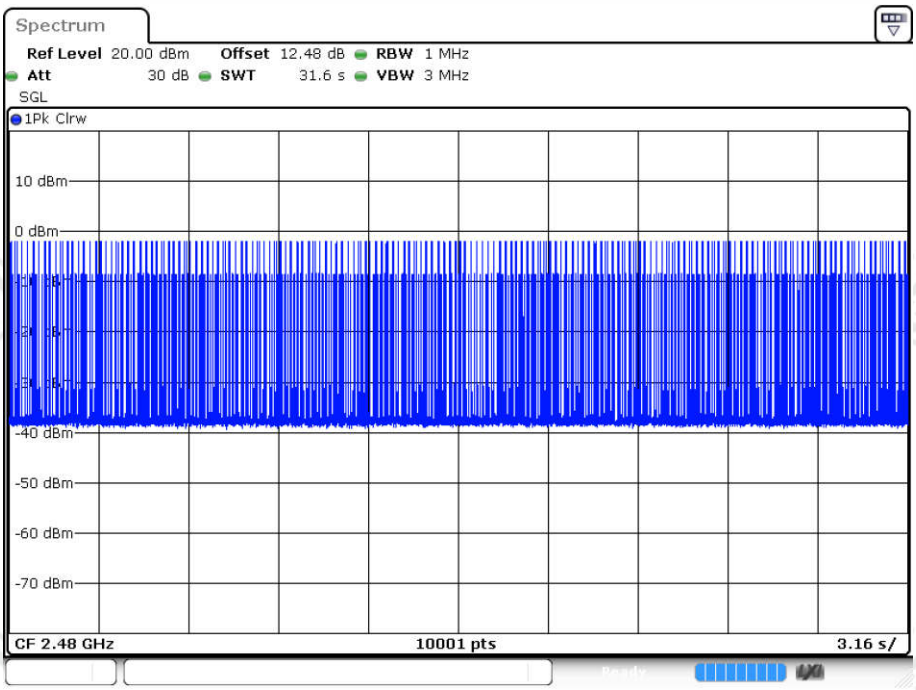
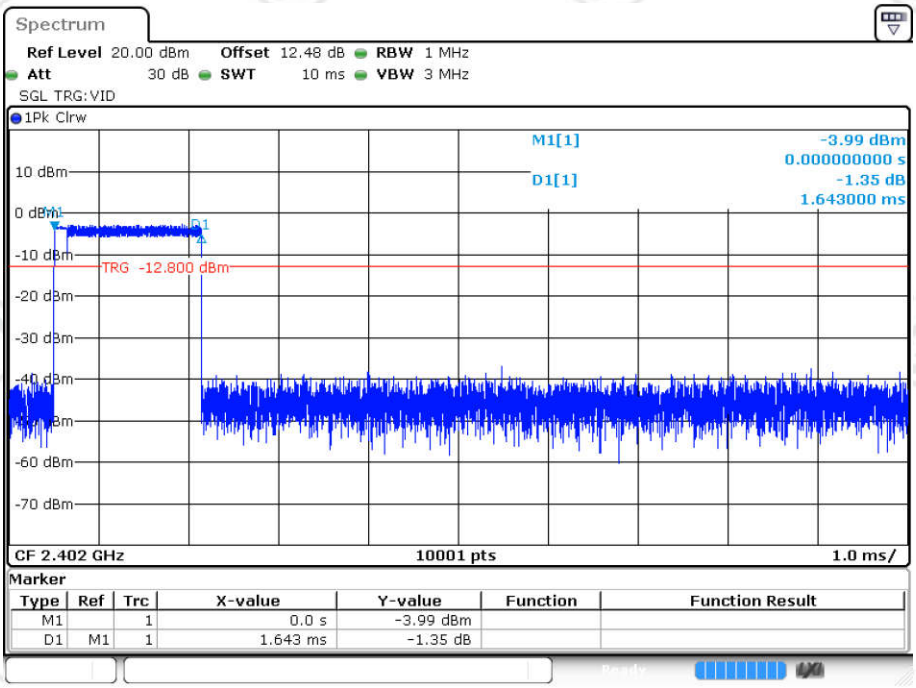
Dwell NVNT 2-DH1 2480MHz Ant1 One Burst



Dwell NVNT 2-DH1 2480MHz Ant1 Accumulated



Dwell NVNT 2-DH3 2402MHz Ant1 One Burst



Dwell NVNT 2-DH3 2402MHz Ant1 Accumulated