Appendix: Bluetooth Classic

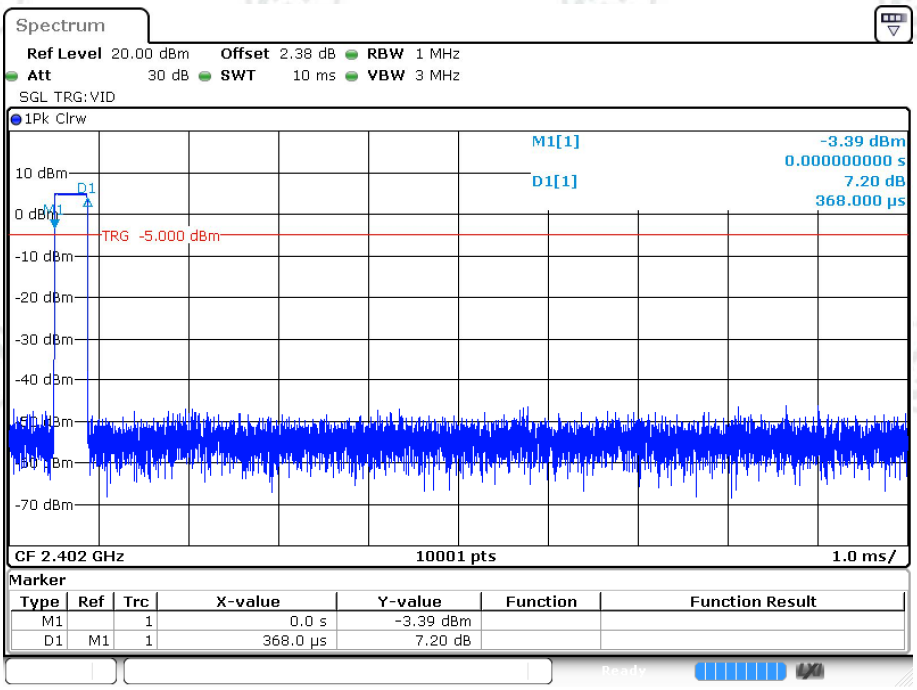
Contents

Dwell Time

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	0.368	117.392	319	31600	400	Pass
NVNT	1-DH3	2402	Ant1	1.624	246.848	152	31600	400	Pass
NVNT	1-DH5	2402	Ant1	2.872	290.072	101	31600	400	Pass
NVNT	2-DH1	2402	Ant1	0.377	120.263	319	31600	400	Pass
NVNT	2-DH3	2402	Ant1	1.63	241.24	148	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.878	310.824	108	31600	400	Pass
NVNT	3-DH1	2402	Ant1	0.378	120.582	319	31600	400	Pass
NVNT	3-DH3	2402	Ant1	1.629	270.414	166	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.88	342.72	119	31600	400	Pass

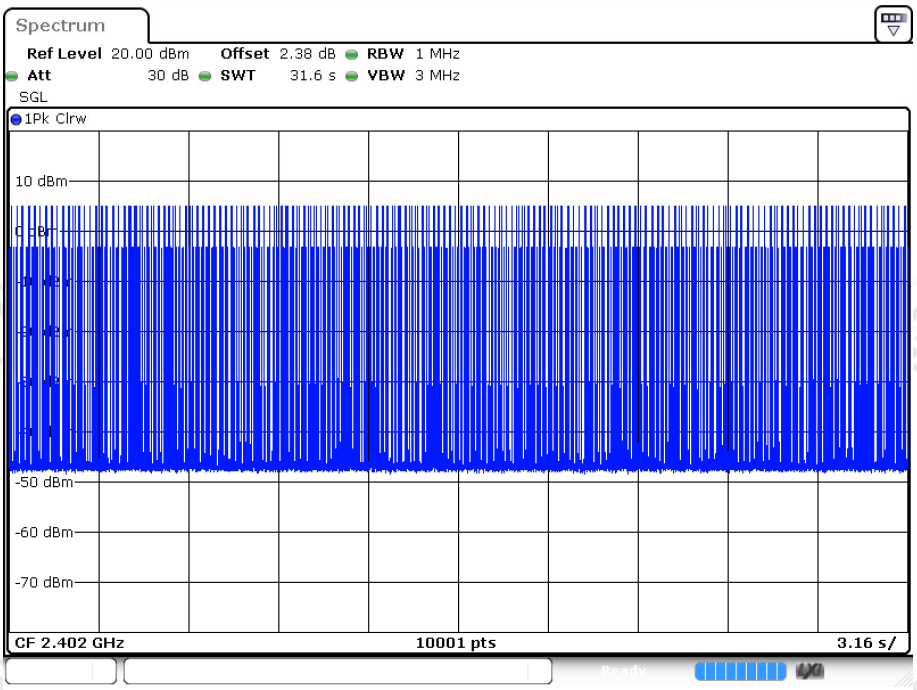
Test Graphs

Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



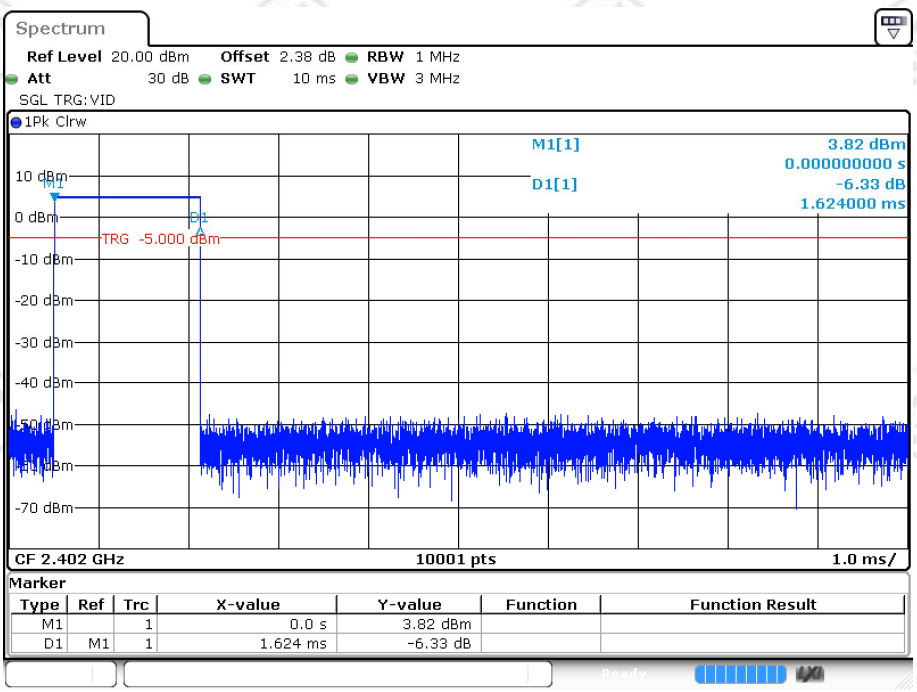
Date: 25.MAR.2025 11:25:26

Dwell NVNT 1-DH1 2402MHz Ant1 Accumulated



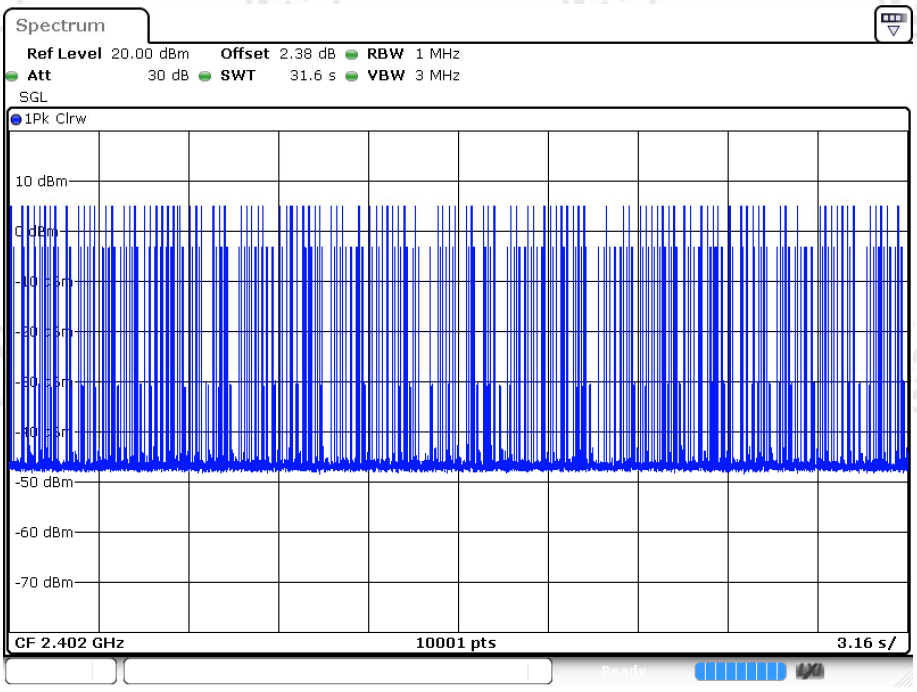
Date: 25.MAR.2025 11:25:58

Dwell NVNT 1-DH3 2402MHz Ant1 One Burst



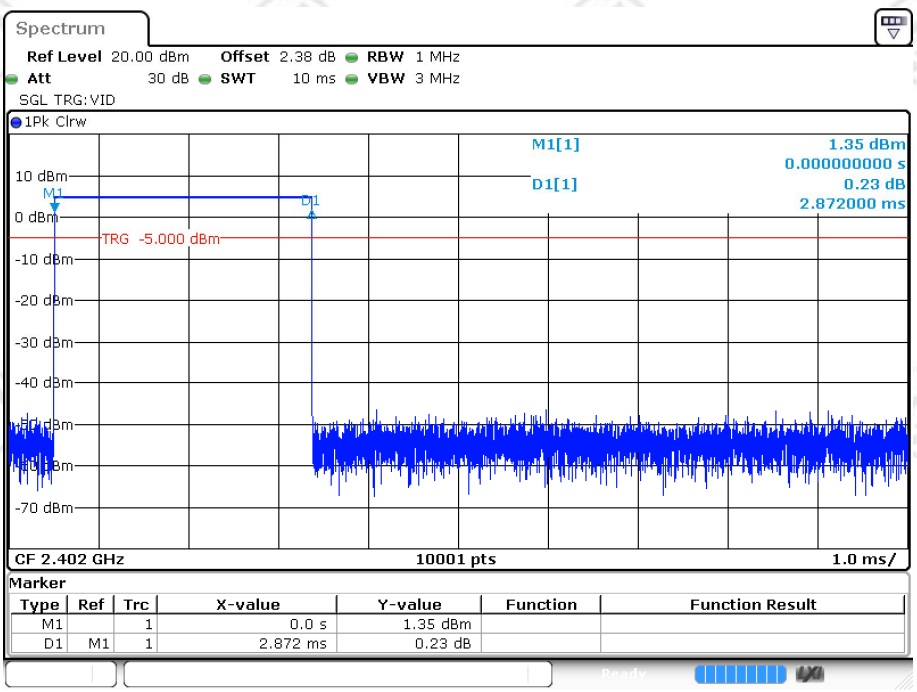
Date: 25.MAR.2025 11:26:14

Dwell NVNT 1-DH3 2402MHz Ant1 Accumulated



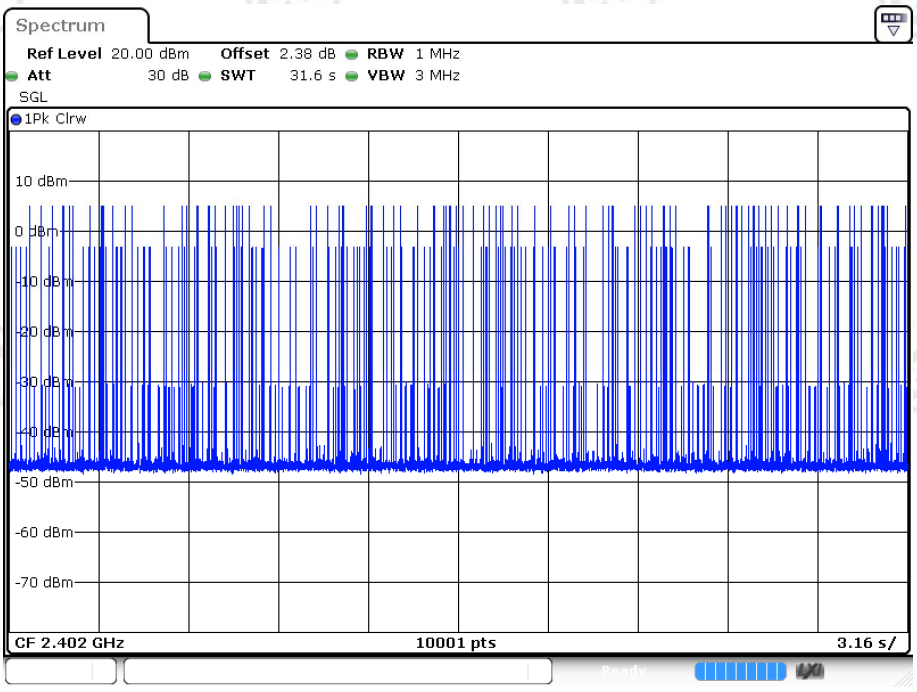
Date: 25.MAR.2025 11:26:47

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



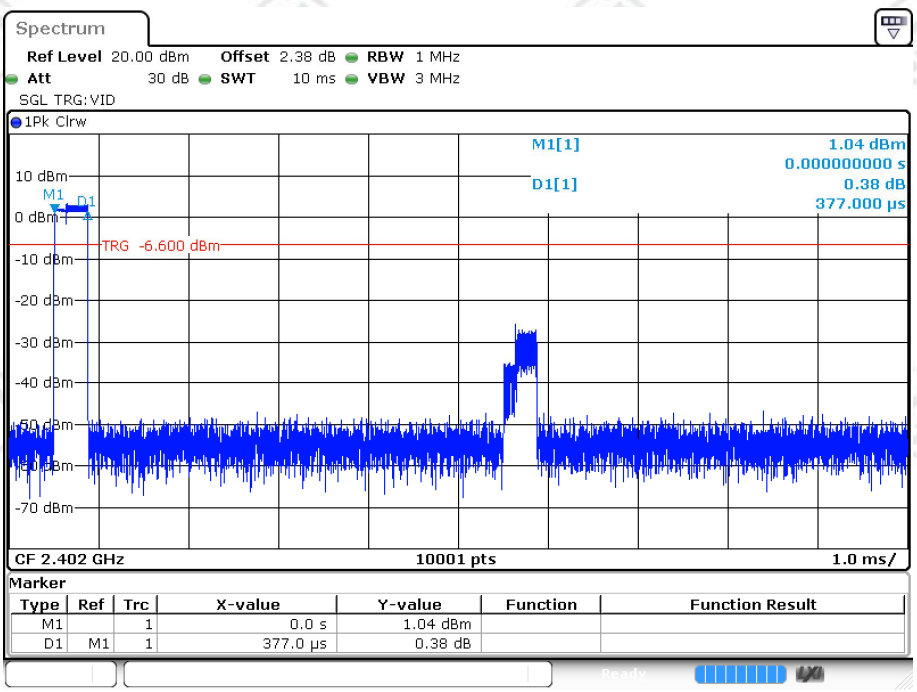
Date: 25.MAR.2025 10:55:21

Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



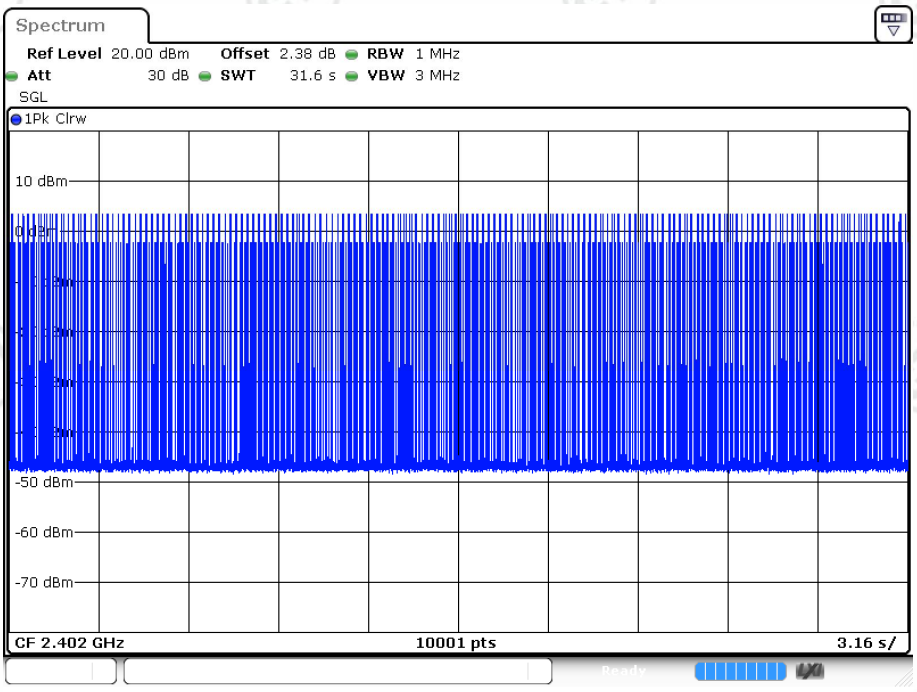
Date: 25.MAR.2025 10:55:54

Dwell NVNT 2-DH1 2402MHz Ant1 One Burst



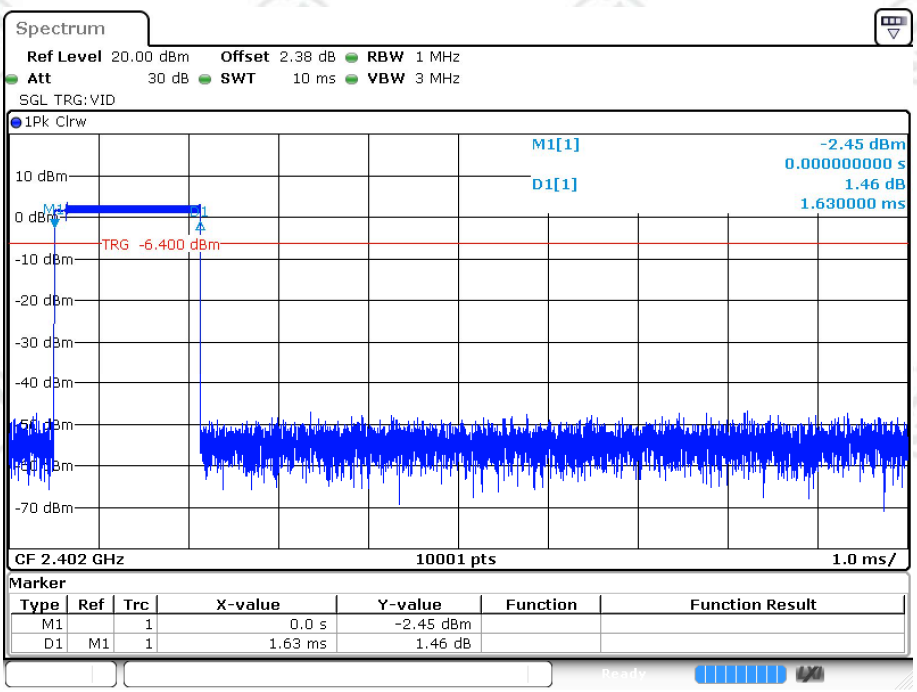
Date: 25.MAR.2025 11:27:09

Dwell NVNT 2-DH1 2402MHz Ant1 Accumulated



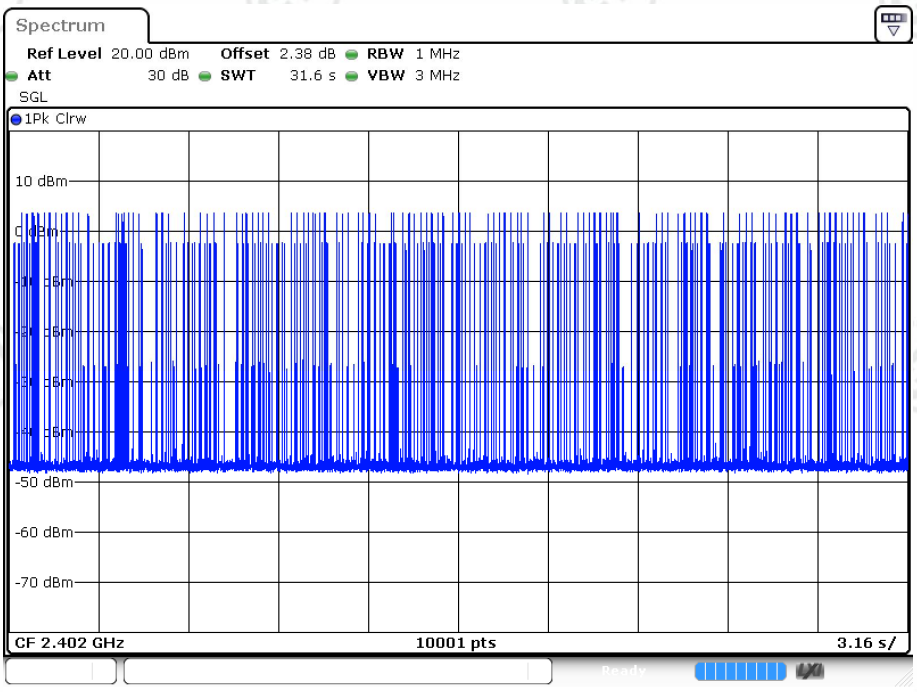
Date: 25.MAR.2025 11:27:42

Dwell NVNT 2-DH3 2402MHz Ant1 One Burst



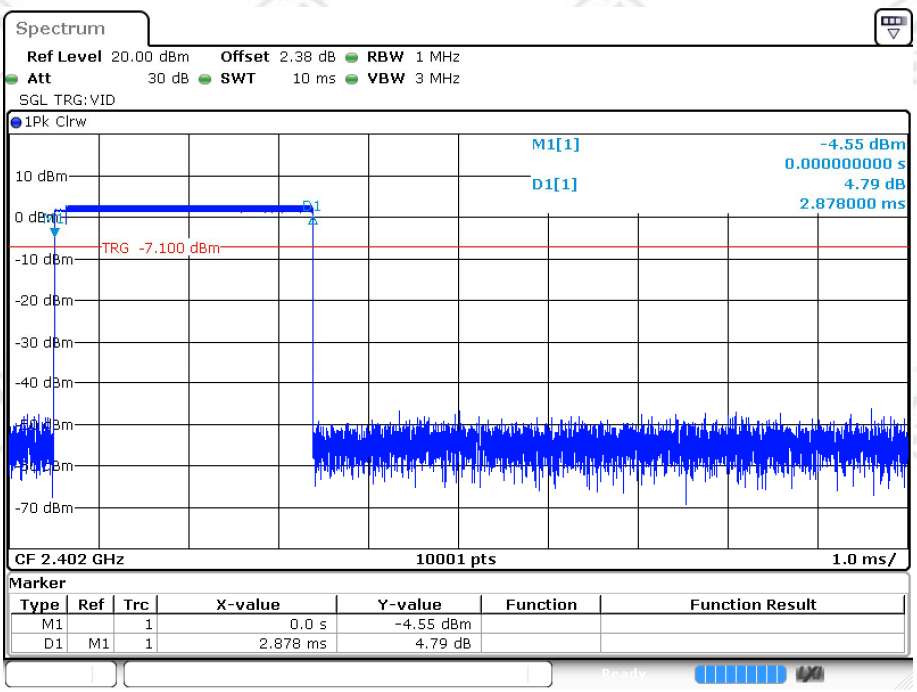
Date: 25.MAR.2025 11:27:54

Dwell NVNT 2-DH3 2402MHz Ant1 Accumulated



Date: 25.MAR.2025 11:28:27

Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Date: 25.MAR.2025 11:08:32

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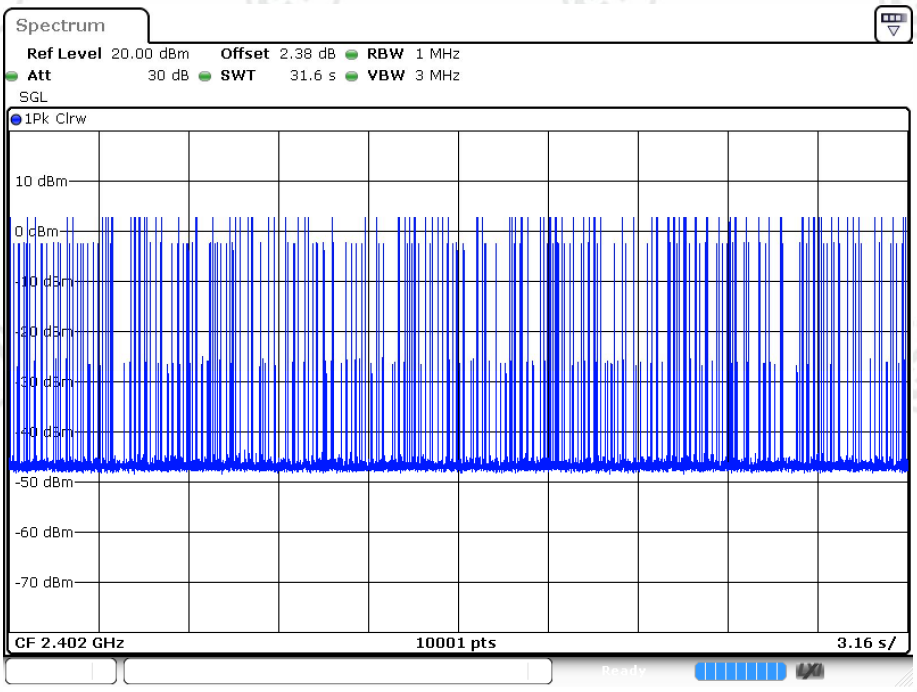
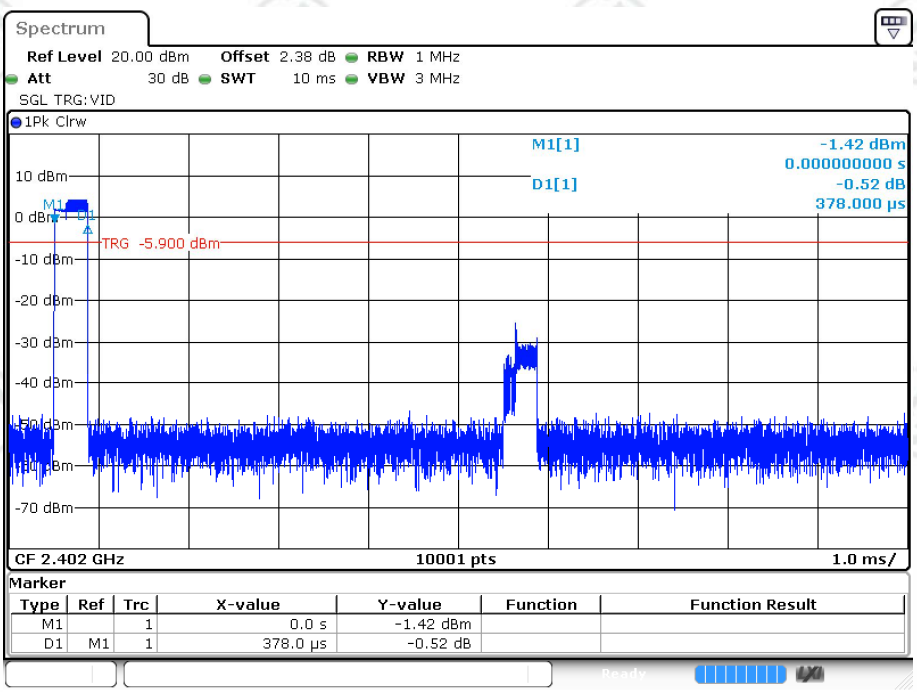


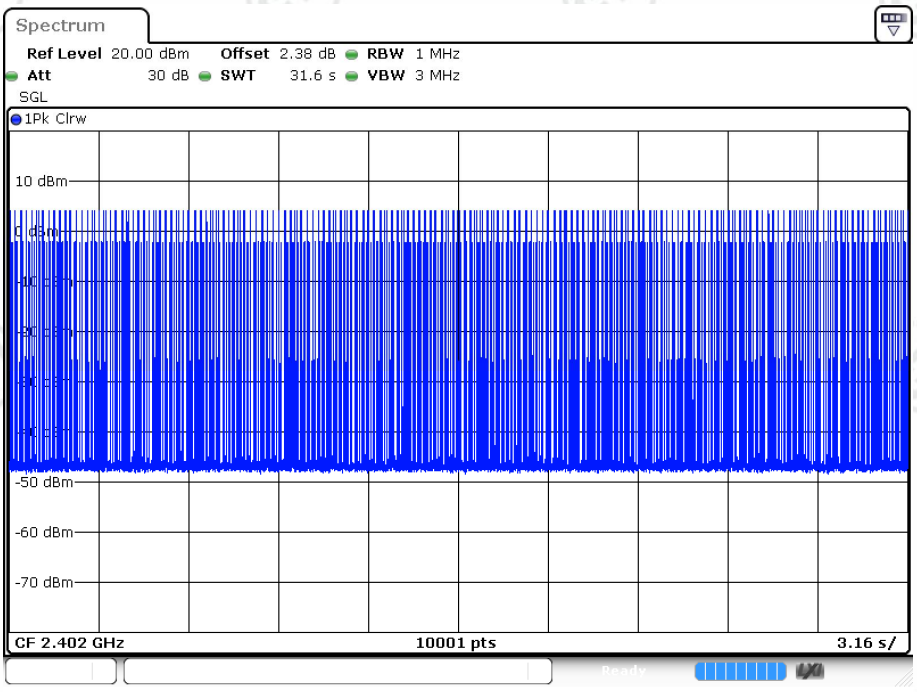
Date: 25.MAR.2025 11:09:05

Dwell NVNT 3-DH1 2402MHz Ant1 One Burst



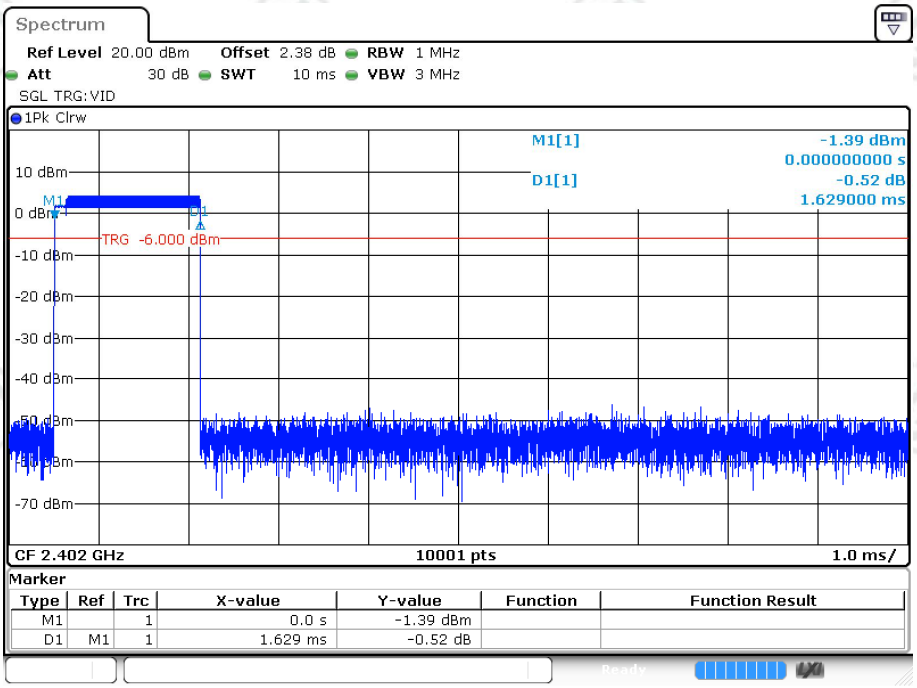
Date: 25.MAR.2025 11:31:01

Dwell NVNT 3-DH1 2402MHz Ant1 Accumulated



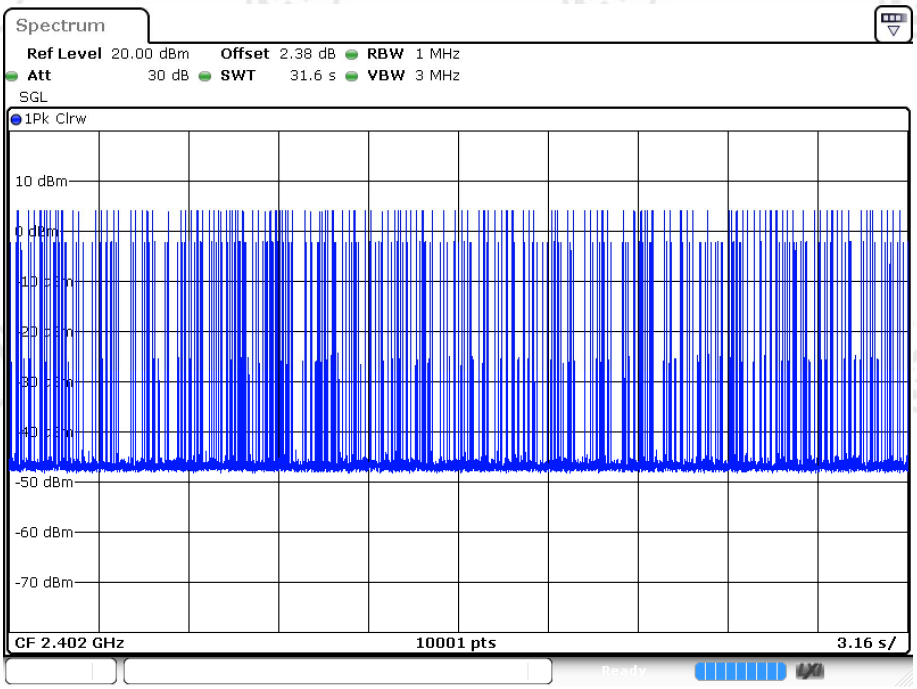
Date: 25.MAR.2025 11:31:34

Dwell NVNT 3-DH3 2402MHz Ant1 One Burst



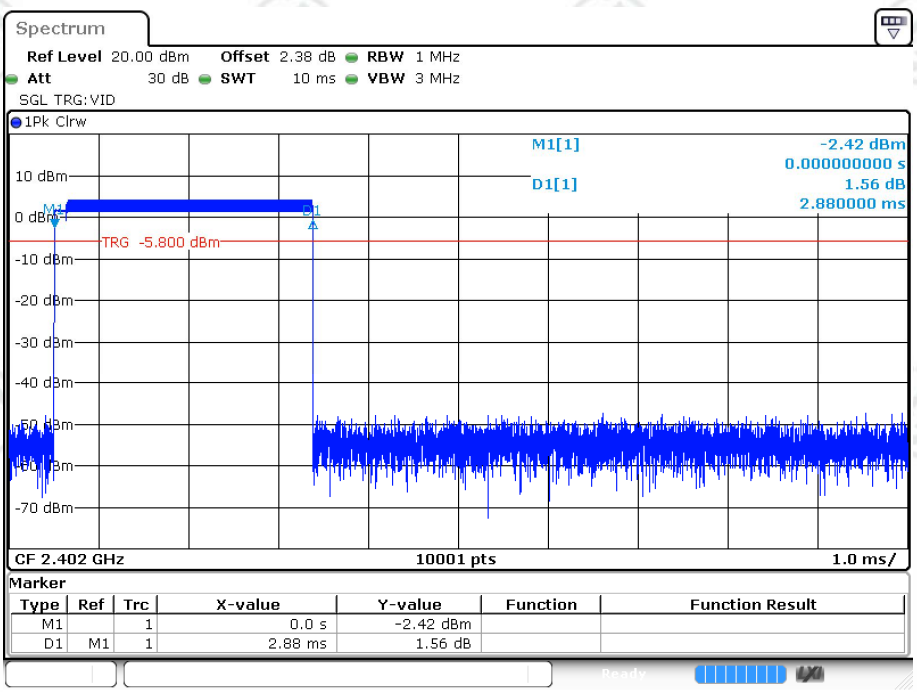
Date: 25.MAR.2025 11:30:04

Dwell NVNT 3-DH3 2402MHz Ant1 Accumulated



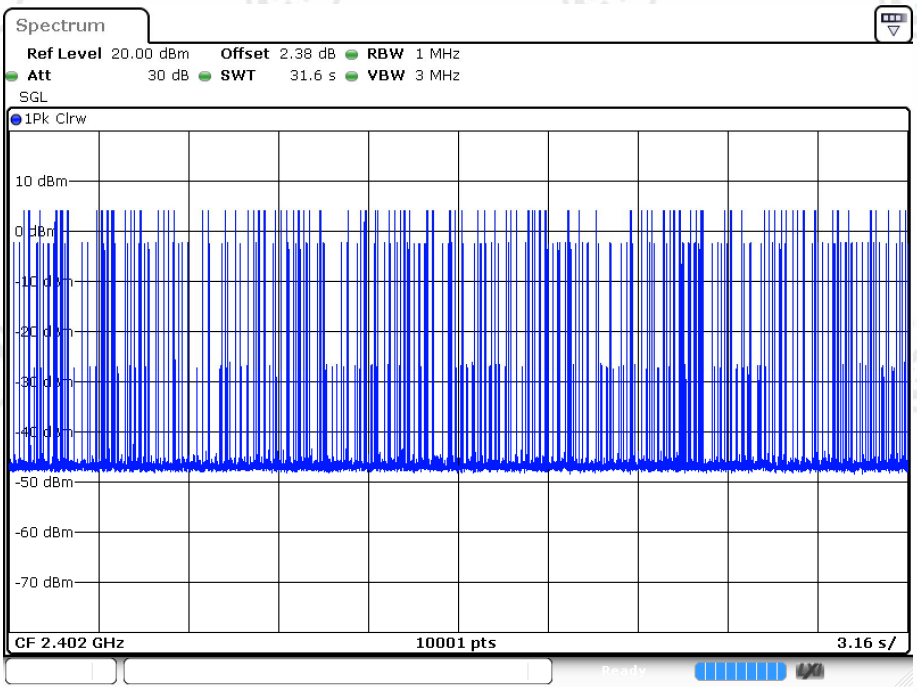
Date: 25.MAR.2025 11:30:37

Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Date: 25.MAR.2025 11:23:01

Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



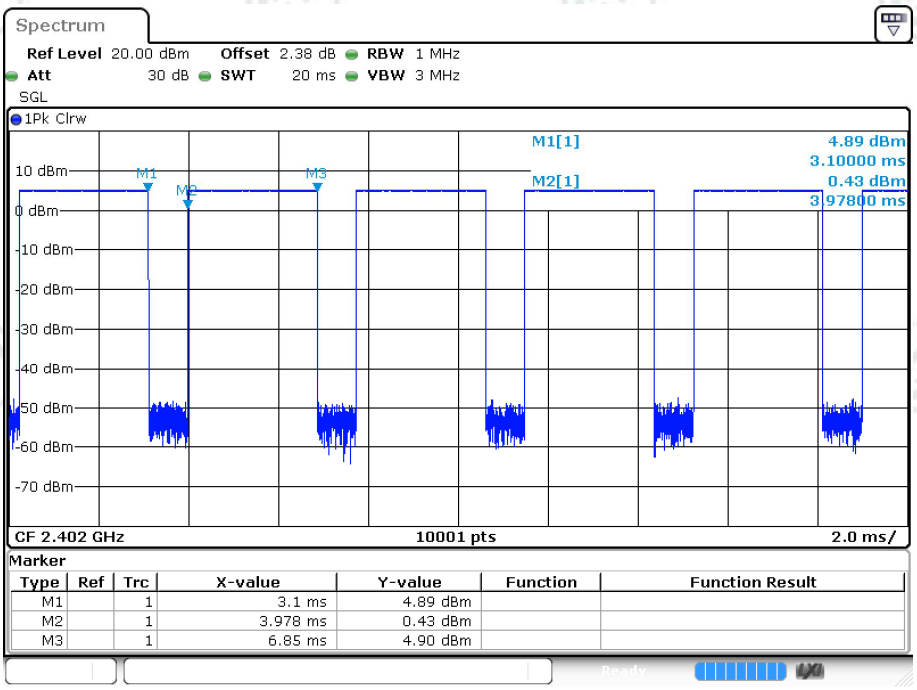
Date: 25.MAR.2025 11:23:34

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.59	1.16	0.35
NVNT	1-DH5	2441	Ant1	76.64	1.16	0.35
NVNT	1-DH5	2480	Ant1	76.64	1.16	0.35
NVNT	2-DH5	2402	Ant1	76.8	1.15	0.35
NVNT	2-DH5	2441	Ant1	76.75	1.15	0.35
NVNT	2-DH5	2480	Ant1	76.8	1.15	0.35
NVNT	3-DH5	2402	Ant1	76.81	1.15	0.35
NVNT	3-DH5	2441	Ant1	76.85	1.14	0.35
NVNT	3-DH5	2480	Ant1	76.85	1.14	0.35

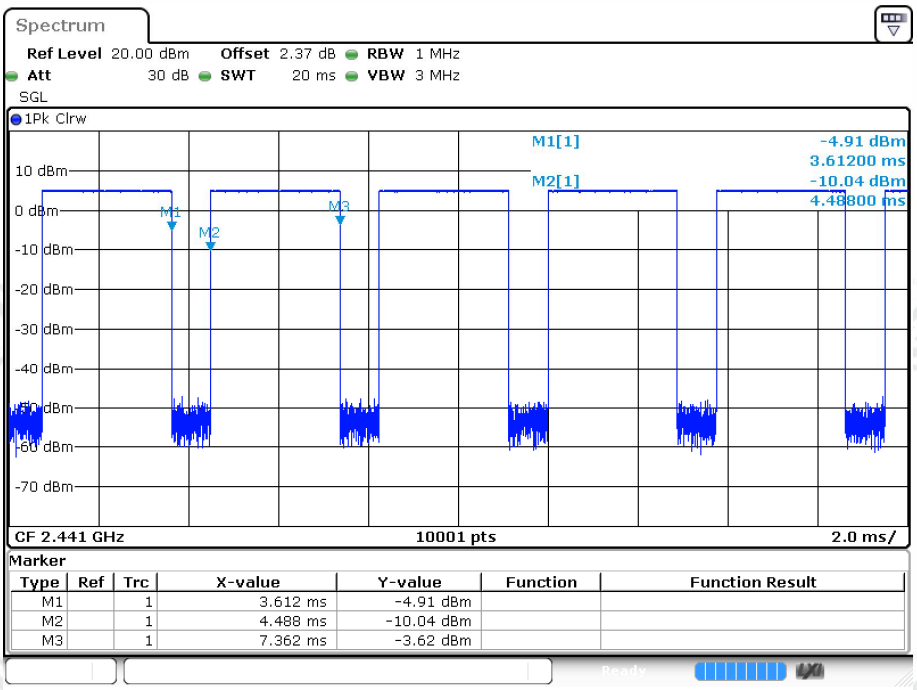
Test Graphs

Duty Cycle NVNT 1-DH5 2402MHz Ant1



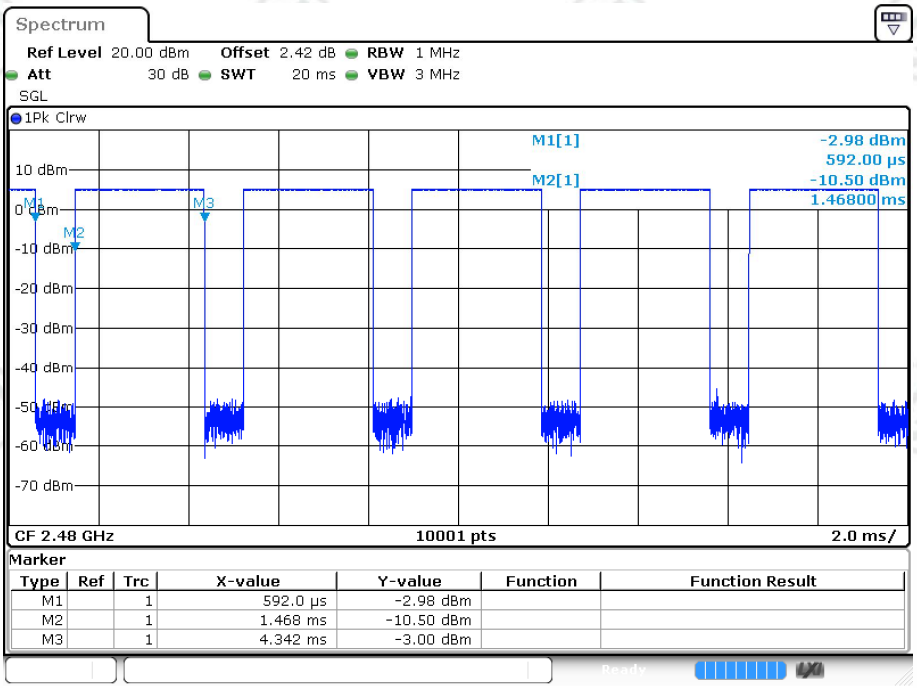
Date: 25.MAR.2025 10:45:55

Duty Cycle NVNT 1-DH5 2441MHz Ant1



Date: 25.MAR.2025 10:47:20

Duty Cycle NVNT 1-DH5 2480MHz Ant1

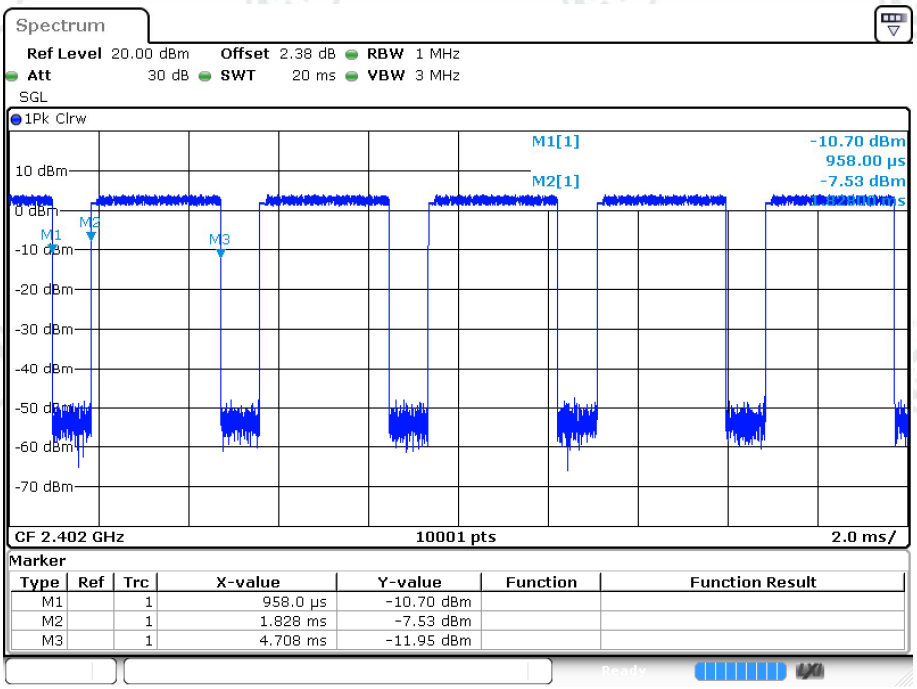


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	592.0 µs	-2.98 dBm		
M2		1	1.468 ms	-10.50 dBm		
M3		1	4.342 ms	-3.00 dBm		

Date: 25.MAR.2025 10:49:14

Duty Cycle NVNT 2-DH5 2402MHz Ant1

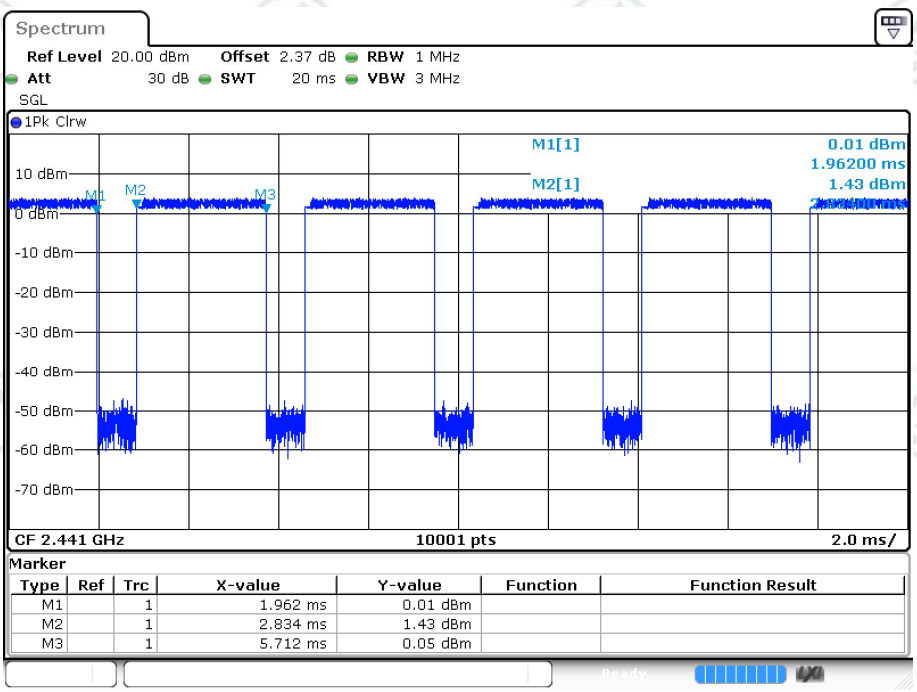


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	958.0 µs	-10.70 dBm		
M2		1	1.828 ms	-7.53 dBm		
M3		1	4.708 ms	-11.95 dBm		

Date: 25.MAR.2025 10:57:40

Duty Cycle NVNT 2-DH5 2441MHz Ant1

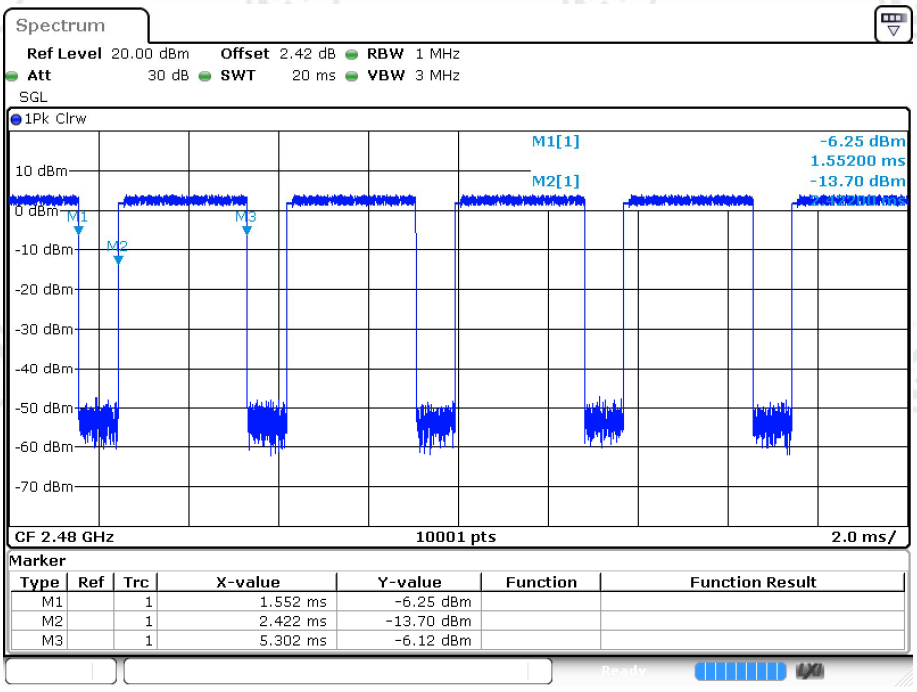


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.962 ms	0.01 dBm		
M2		1	2.834 ms	1.43 dBm		
M3		1	5.712 ms	0.05 dBm		

Date: 25.MAR.2025 10:59:33

Duty Cycle NVNT 2-DH5 2480MHz Ant1

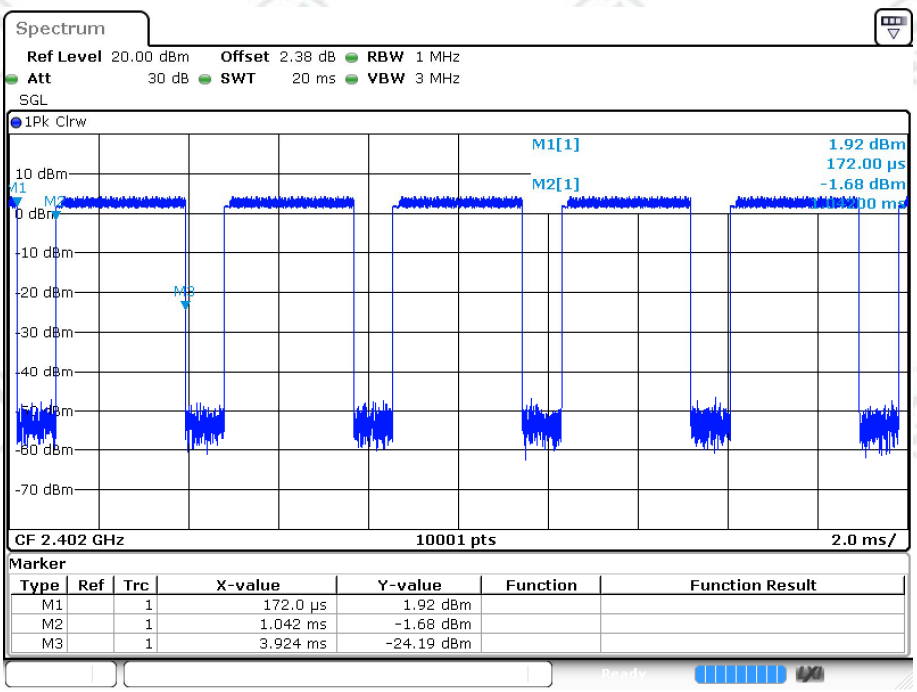


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.552 ms	-6.25 dBm		
M2		1	2.422 ms	-13.70 dBm		
M3		1	5.302 ms	-6.12 dBm		

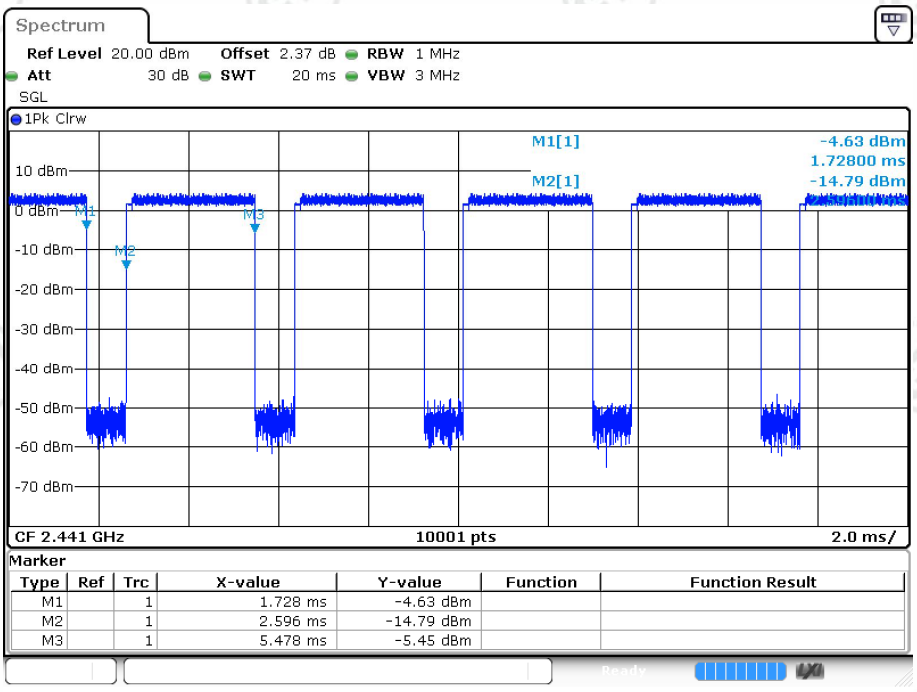
Date: 25.MAR.2025 11:01:17

Duty Cycle NVNT 3-DH5 2402MHz Ant1



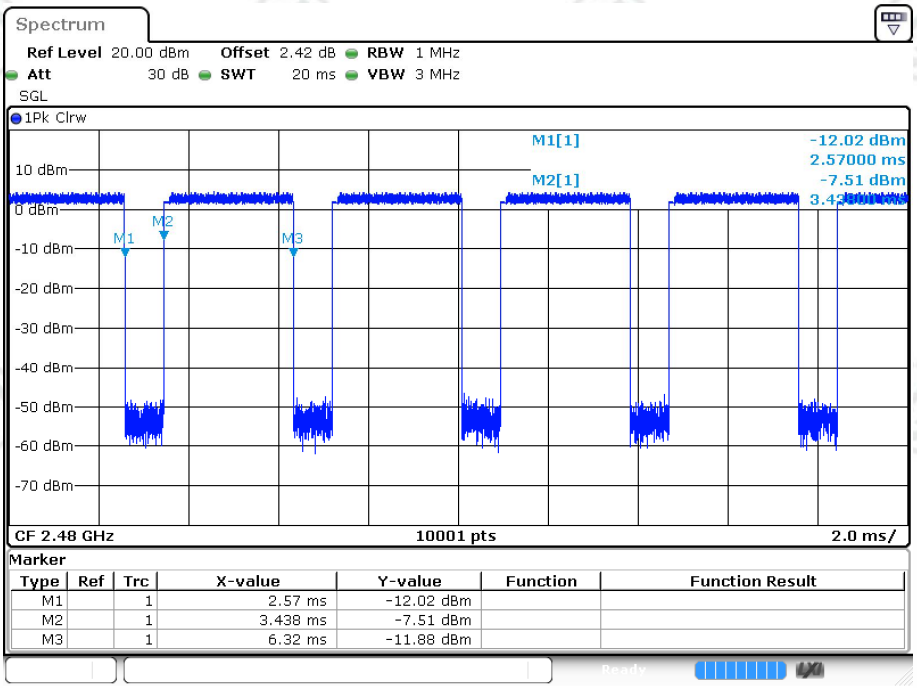
Date: 25.MAR.2025 11:10:46

Duty Cycle NVNT 3-DH5 2441MHz Ant1



Date: 25.MAR.2025 11:12:59

Duty Cycle NVNT 3-DH5 2480MHz Ant1



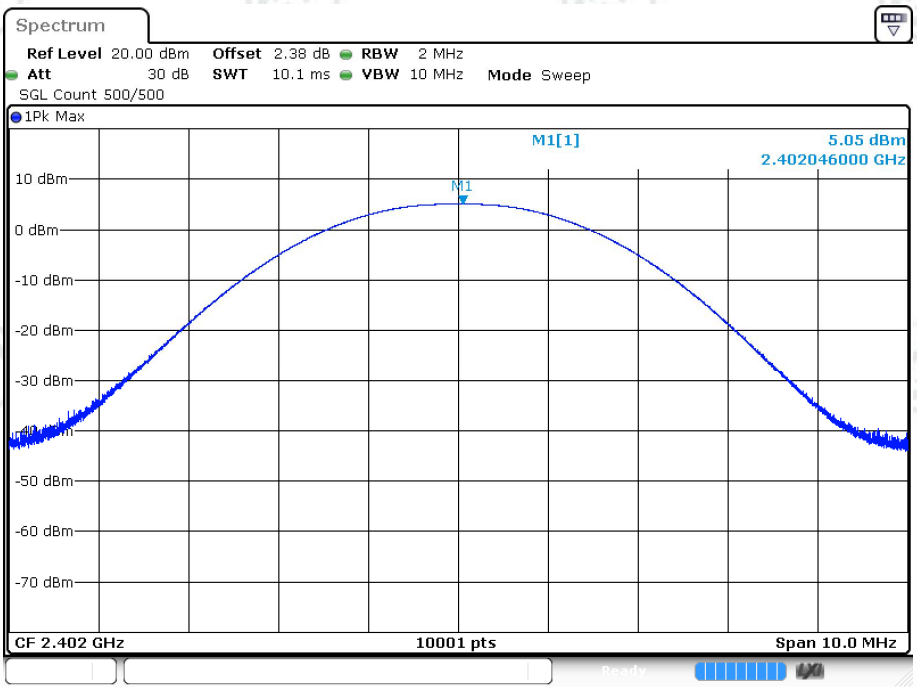
Date: 25.MAR.2025 11:15:00

Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	5.05	21	Pass
NVNT	1-DH5	2441	Ant1	4.94	21	Pass
NVNT	1-DH5	2480	Ant1	5.03	21	Pass
NVNT	2-DH5	2402	Ant1	4.54	21	Pass
NVNT	2-DH5	2441	Ant1	4.45	21	Pass
NVNT	2-DH5	2480	Ant1	4.54	21	Pass
NVNT	3-DH5	2402	Ant1	4.79	21	Pass
NVNT	3-DH5	2441	Ant1	4.7	21	Pass
NVNT	3-DH5	2480	Ant1	4.79	21	Pass

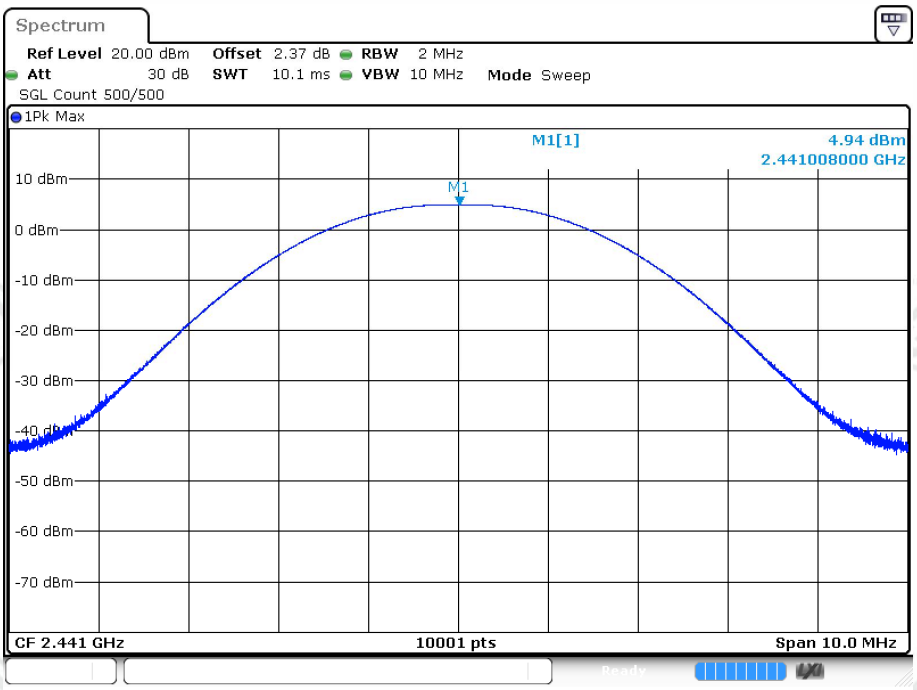
Test Graphs

Peak Power NVNT 1-DH5 2402MHz Ant1



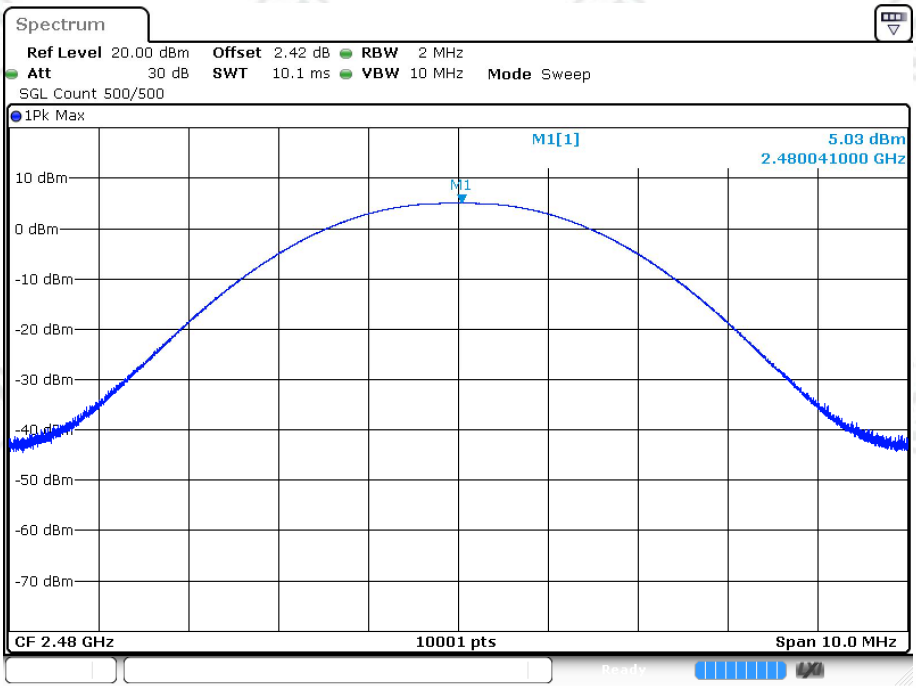
Date: 25.MAR.2025 10:46:09

Peak Power NVNT 1-DH5 2441MHz Ant1



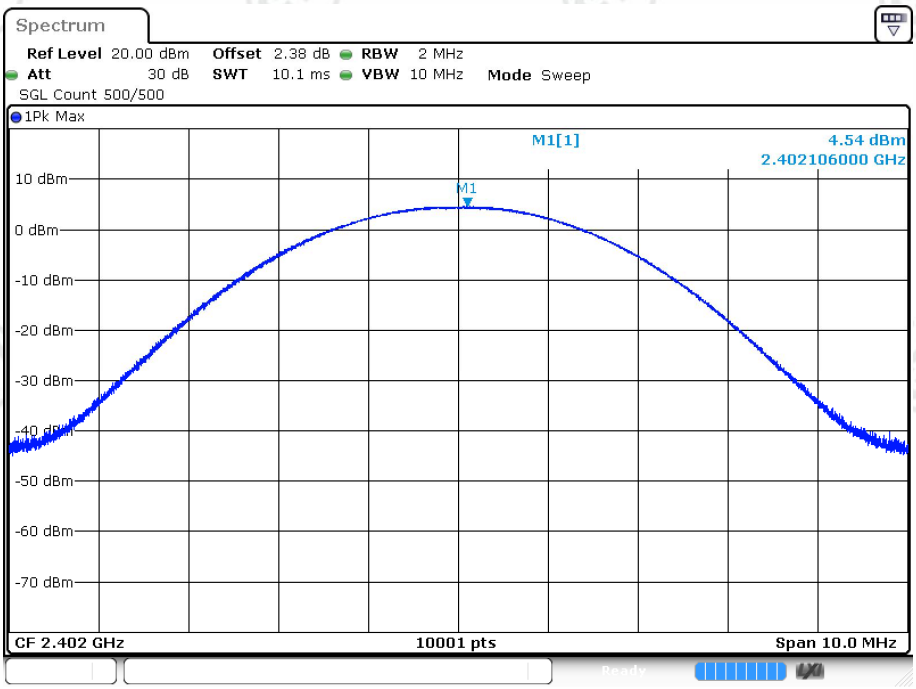
Date: 25.MAR.2025 10:47:31

Peak Power NVNT 1-DH5 2480MHz Ant1



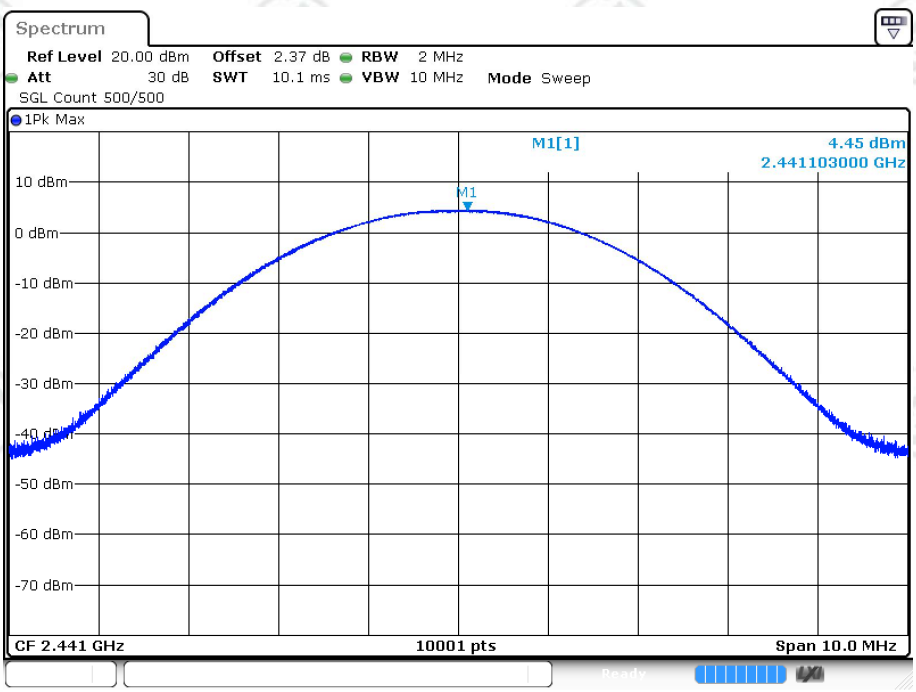
Date: 25.MAR.2025 10:49:25

Peak Power NVNT 2-DH5 2402MHz Ant1



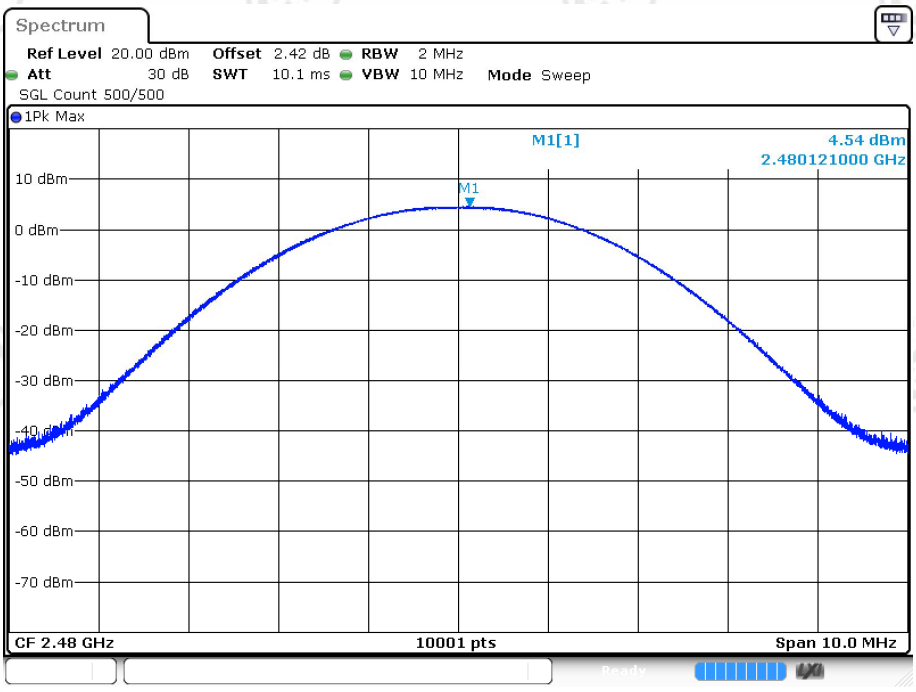
Date: 25.MAR.2025 10:57:51

Peak Power NVNT 2-DH5 2441MHz Ant1



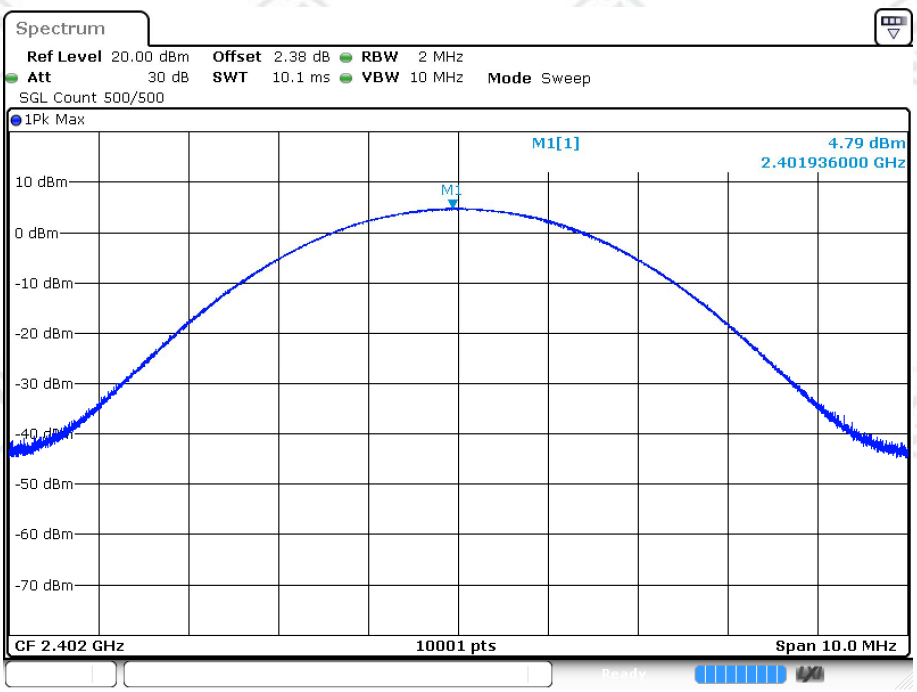
Date: 25.MAR.2025 10:59:46

Peak Power NVNT 2-DH5 2480MHz Ant1



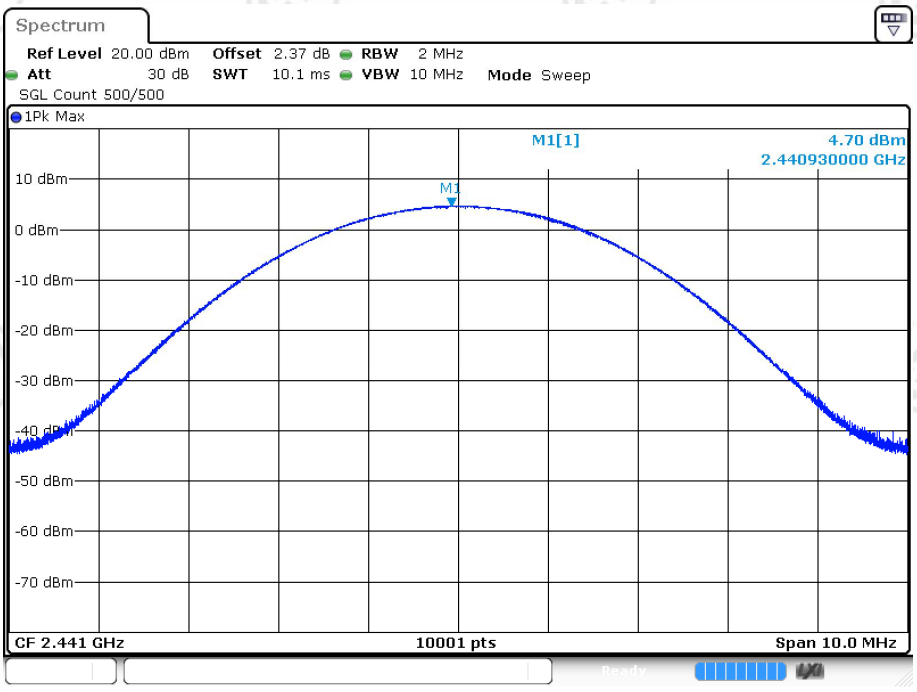
Date: 25.MAR.2025 11:01:28

Peak Power NVNT 3-DH5 2402MHz Ant1



Date: 25.MAR.2025 11:10:58

Peak Power NVNT 3-DH5 2441MHz Ant1



Date: 25.MAR.2025 11:13:10

Peak Power NVNT 3-DH5 2480MHz Ant1