Appendix：2.4G Wi-Fi

Contents

Contents 2
Duty Cycle 3
Maximum Peak Conducted Output Power 22
-6dB Bandwidth 24
Occupied Channel Bandwidth 43
Maximum Power Spectral Density Level 62
Band Edge 94
Conducted RF Spurious Emission 119

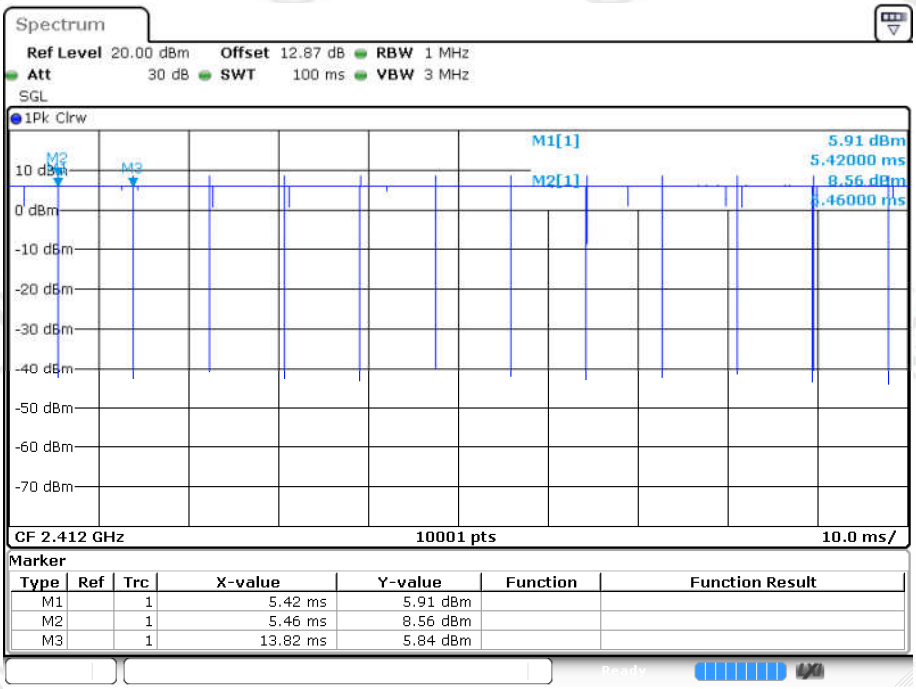
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.52	0	0.12
NVNT	b	2437	Ant1	99.4	0	0.12
NVNT	b	2462	Ant1	99.4	0	0.12
NVNT	b	2412	Ant2	99.4	0	0.12
NVNT	b	2437	Ant2	99.4	0	0.12
NVNT	b	2462	Ant2	99.52	0	0.12
NVNT	g	2412	Ant1	98.12	0	0.48
NVNT	g	2437	Ant1	97.65	0.1	0.48
NVNT	g	2462	Ant1	97.66	0.1	0.48
NVNT	g	2412	Ant2	97.84	0.09	0.48
NVNT	g	2437	Ant2	97.75	0.1	0.48
NVNT	g	2462	Ant2	97.8	0.1	0.48
NVNT	n20	2412	Ant1	98.76	0	0.25
NVNT	n20	2437	Ant1	98.76	0	0.25
NVNT	n20	2462	Ant1	98.76	0	0.25
NVNT	n20	2412	Ant2	98.88	0	0.25
NVNT	n20	2437	Ant2	98.76	0	0.25
NVNT	n20	2462	Ant2	98.76	0	0.25
NVNT	n40	2422	Ant1	99	0	0.25
NVNT	n40	2437	Ant1	98.8	0	0.25
NVNT	n40	2452	Ant1	98.81	0	0.25
NVNT	n40	2422	Ant2	98.8	0	0.25
NVNT	n40	2437	Ant2	98.81	0	0.25
NVNT	n40	2452	Ant2	98.81	0	0.25
NVNT	ax20	2412	Ant1	98.8	0	0.25
NVNT	ax20	2437	Ant1	98.8	0	0.25
NVNT	ax20	2462	Ant1	98.8	0	0.25
NVNT	ax20	2412	Ant2	98.8	0	0.25
NVNT	ax20	2437	Ant2	98.8	0	0.25
NVNT	ax20	2462	Ant2	98.8	0	0.25
NVNT	ax40	2422	Ant1	98.8	0	0.25
NVNT	ax40	2437	Ant1	98.8	0	0.25
NVNT	ax40	2452	Ant1	98.8	0	0.25
NVNT	ax40	2422	Ant2	98.6	0	0.25
NVNT	ax40	2437	Ant2	98.6	0	0.25
NVNT	ax40	2452	Ant2	98.8	0	0.25

Note：Duty Cycle factor (dB)=10 log (1 / Duty Cycle);

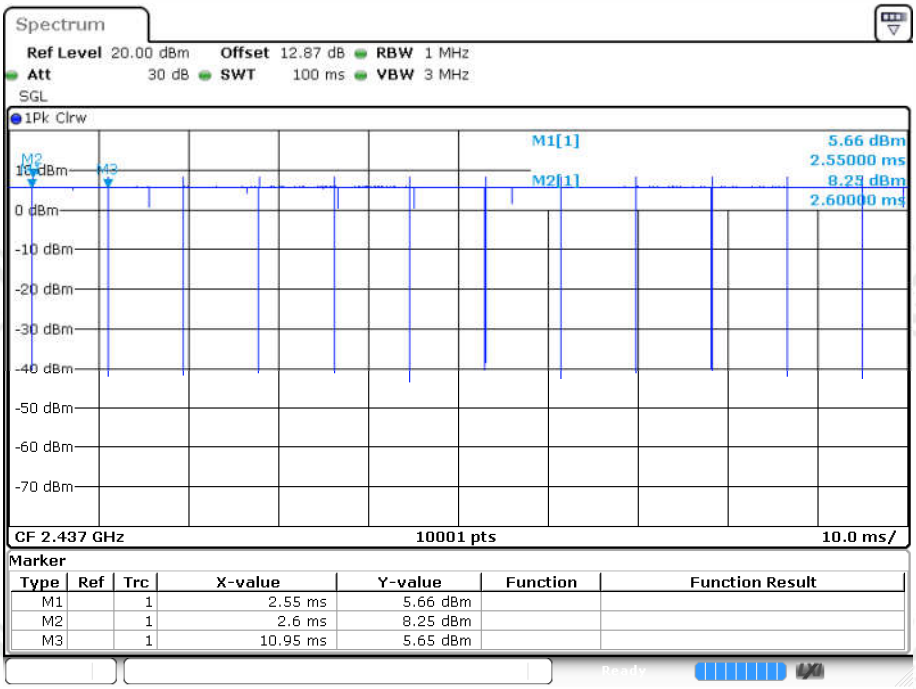
Test Graphs

Duty Cycle NVNT b 2412MHz Ant1



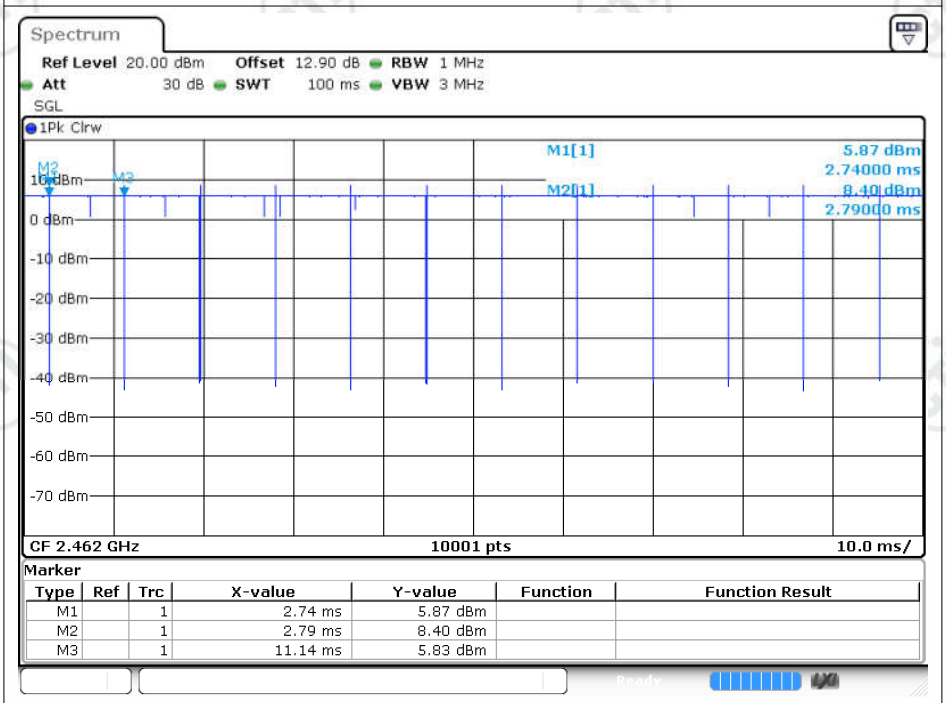
Date: 8.DEC.2023 10:21:55

Duty Cycle NVNT b 2437MHz Ant1



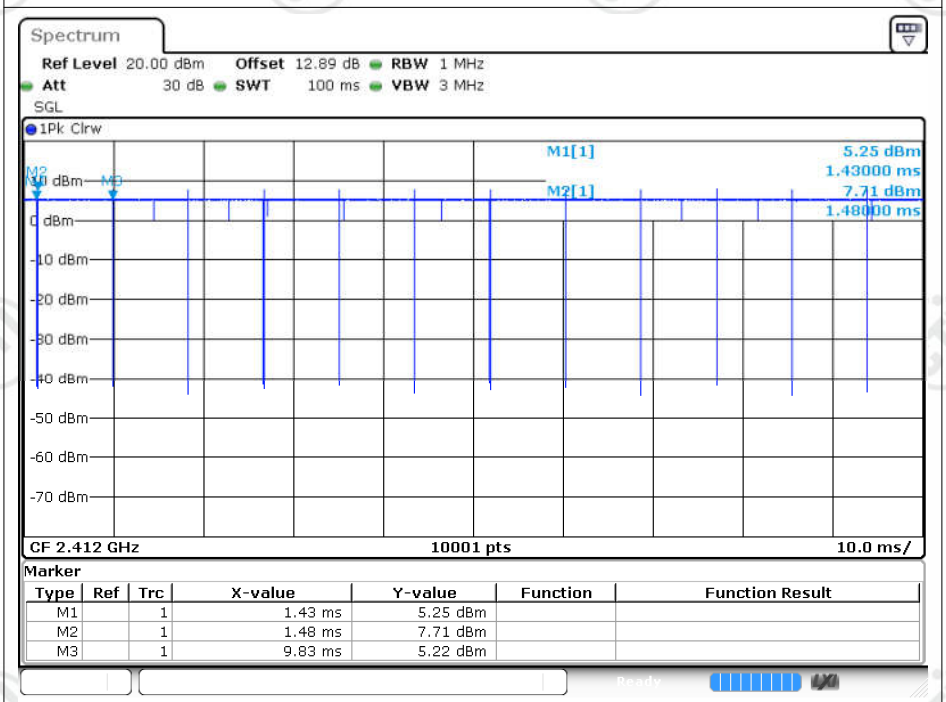
Date: 8.DEC.2023 10:23:50

Duty Cycle NVNT b 2462MHz Ant1



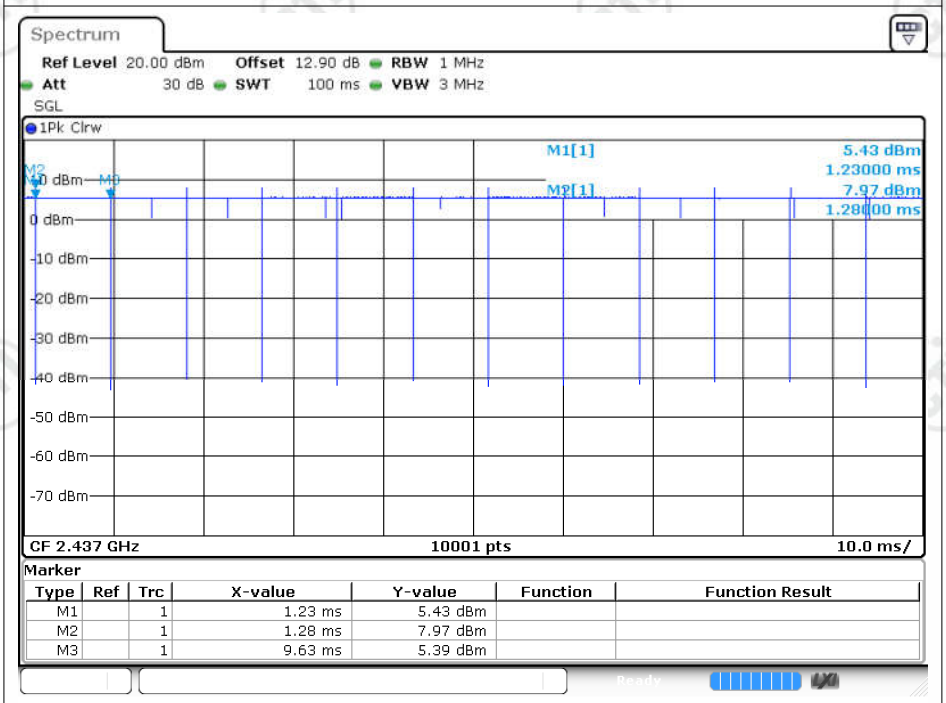
Date: 8.DEC.2023 10:25:46

Duty Cycle NVNT b 2412MHz Ant2



Date: 8.DEC.2023 11:11:04

Duty Cycle NVNT b 2437MHz Ant2

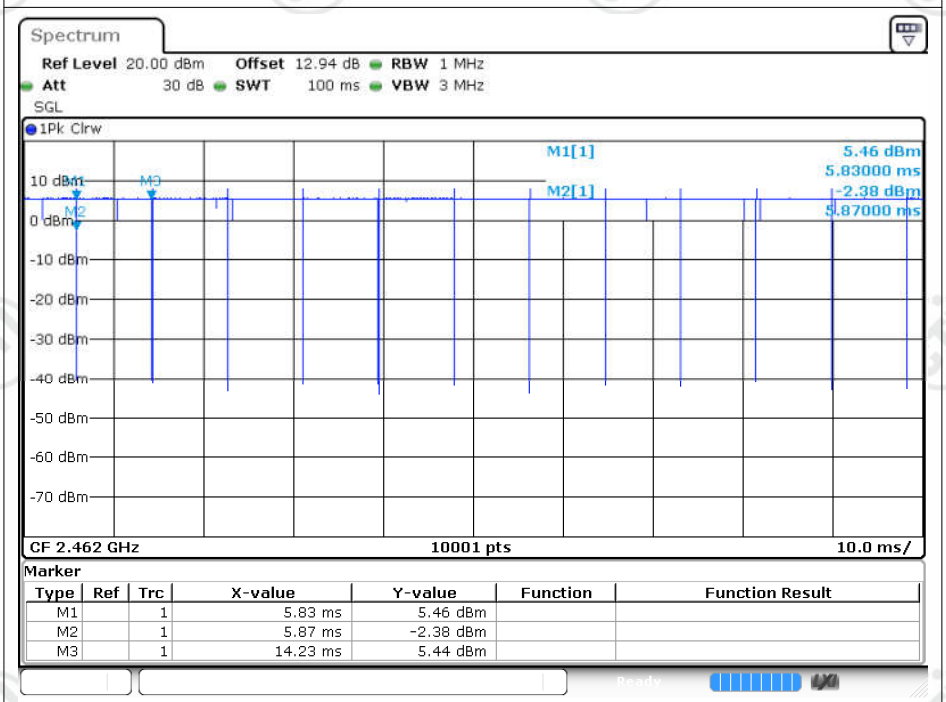


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.23 ms	5.43 dBm		
M2		1	1.28 ms	7.97 dBm		
M3		1	9.63 ms	5.39 dBm		

Date: 8.DEC.2023 11:13:21

Duty Cycle NVNT b 2462MHz Ant2

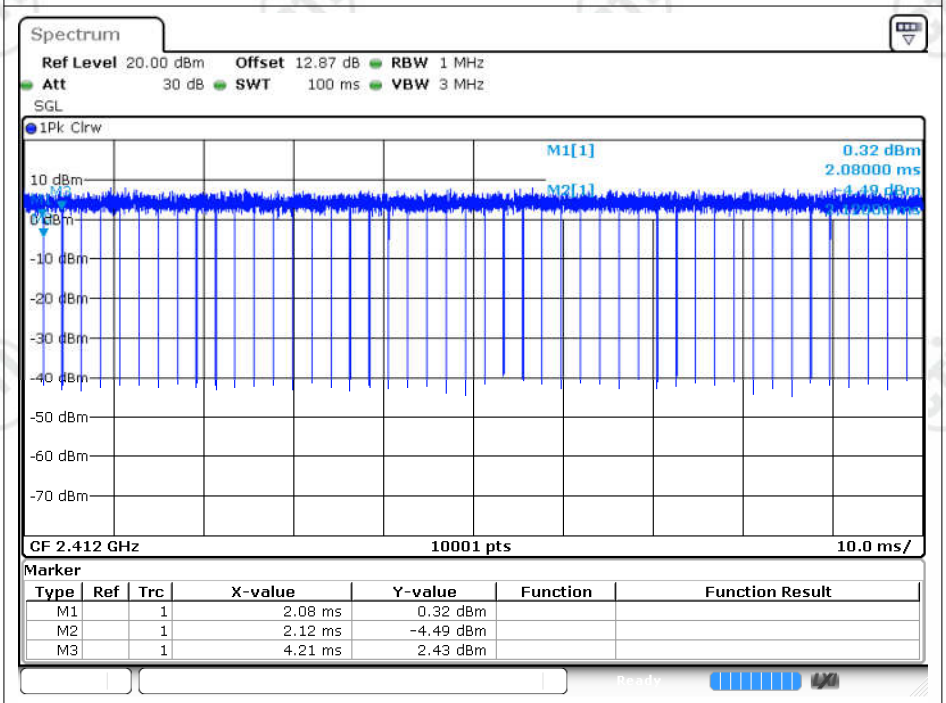


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.83 ms	5.46 dBm		
M2		1	5.87 ms	-2.38 dBm		
M3		1	14.23 ms	5.44 dBm		

Date: 8.DEC.2023 11:14:43

Duty Cycle NVNT g 2412MHz Ant1

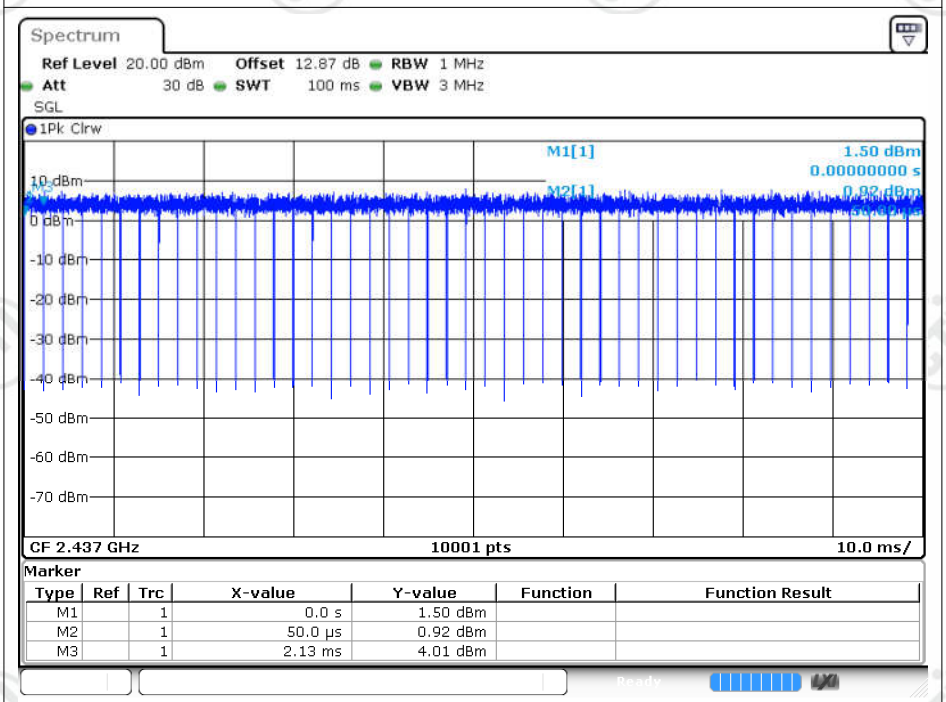


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.08 ms	0.32 dBm		
M2		1	2.12 ms	-4.49 dBm		
M3		1	4.21 ms	2.43 dBm		

Date: 8.DEC.2023 10:28:18

Duty Cycle NVNT g 2437MHz Ant1

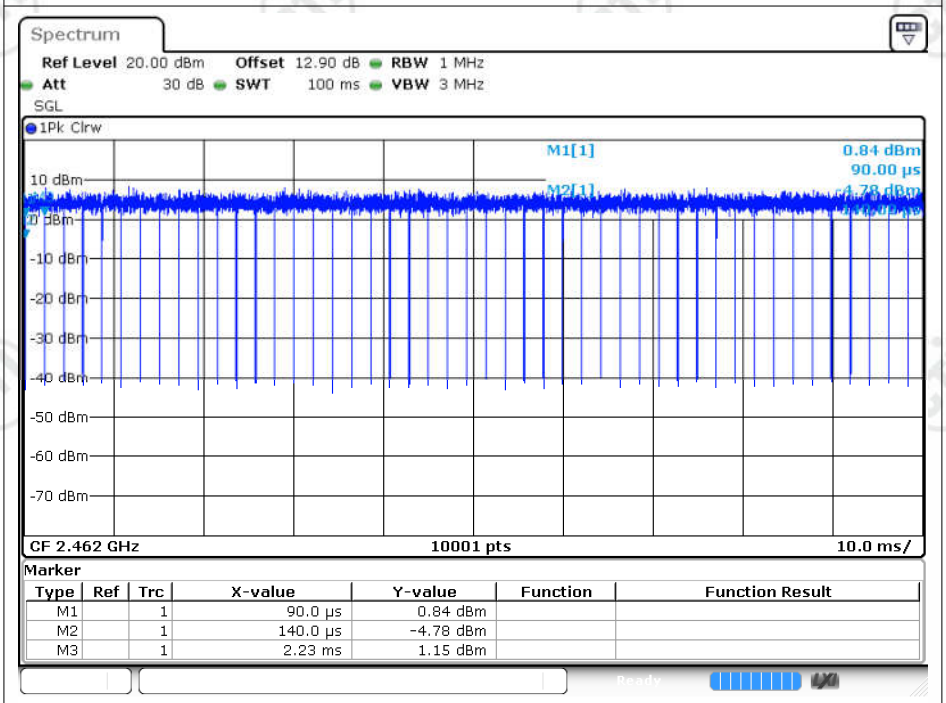


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	0.0 s	1.50 dBm		
M2		1	50.0 µs	0.92 dBm		
M3		1	2.13 ms	4.01 dBm		

Date: 8.DEC.2023 10:30:02

Duty Cycle NVNT g 2462MHz Ant1

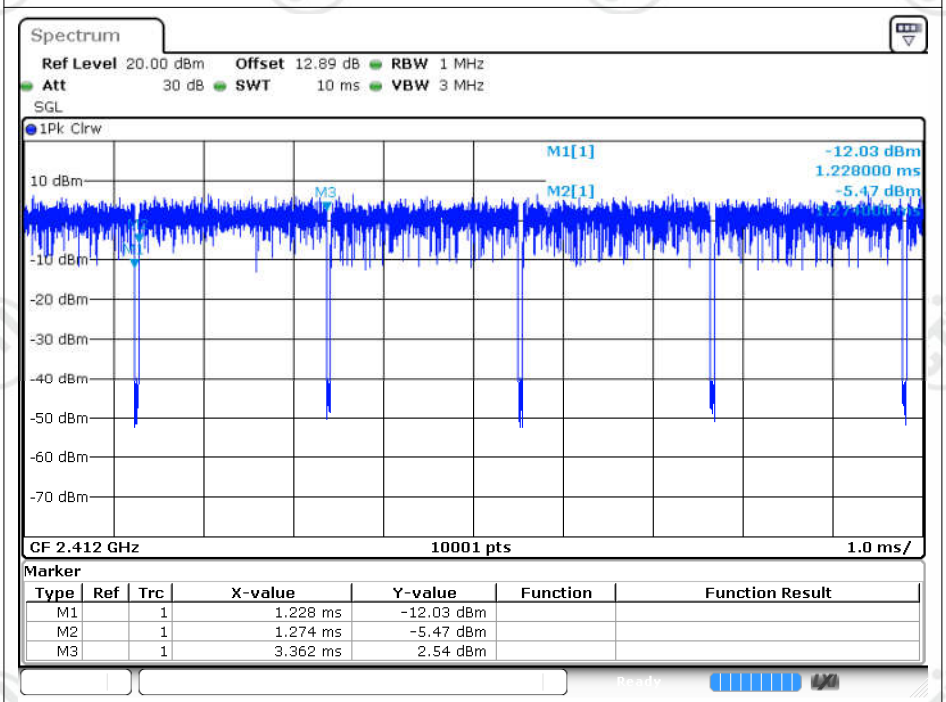


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	90.0 µs	0.84 dBm		
M2		1	140.0 µs	-4.78 dBm		
M3		1	2.23 ms	1.15 dBm		

Date: 8.DEC.2023 10:31:44

Duty Cycle NVNT g 2412MHz Ant2

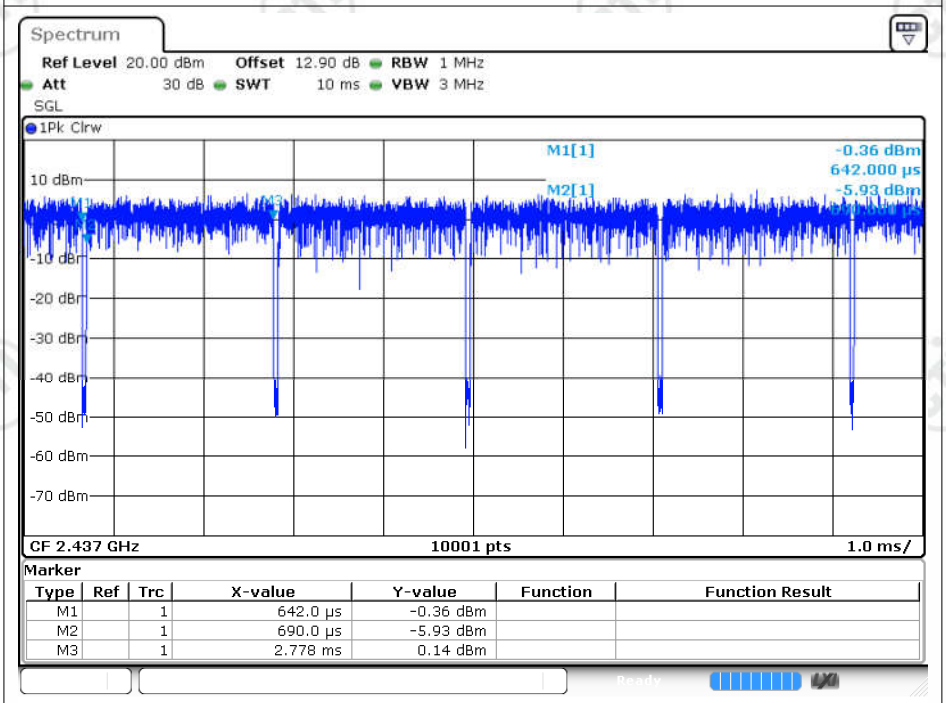


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.228 ms	-12.03 dBm		
M2		1	1.274 ms	-5.47 dBm		
M3		1	3.362 ms	2.54 dBm		

Date: 8.DEC.2023 11:17:42

Duty Cycle NVNT g 2437MHz Ant2

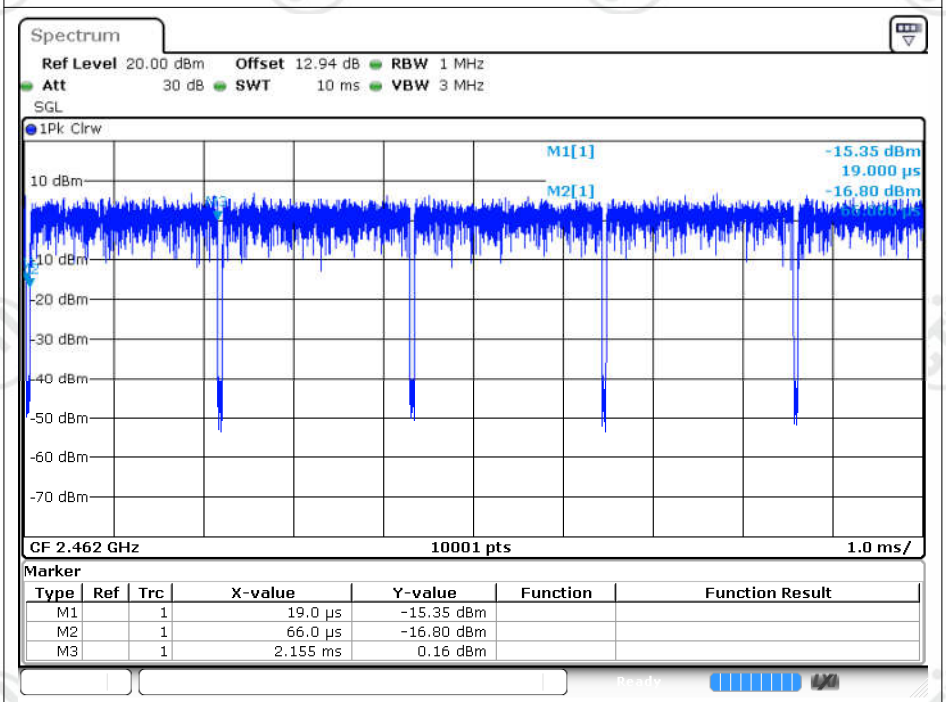


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	642.0 µs	-0.36 dBm		
M2		1	690.0 µs	-5.93 dBm		
M3		1	2.778 ms	0.14 dBm		

Date: 8.DEC.2023 11:23:17

Duty Cycle NVNT g 2462MHz Ant2

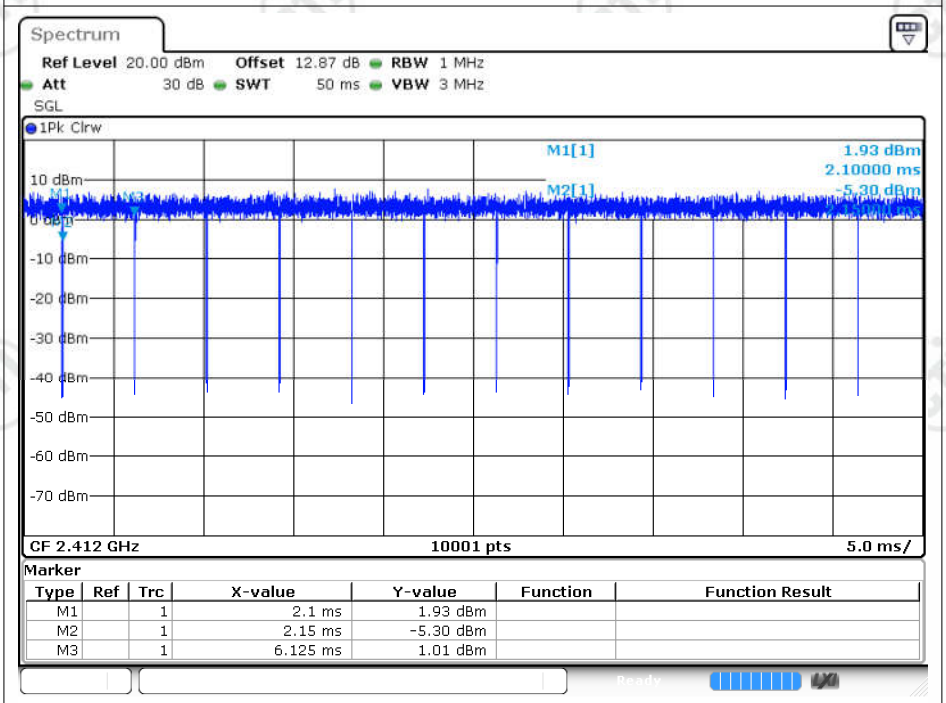


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	19.0 µs	-15.35 dBm		
M2		1	66.0 µs	-16.80 dBm		
M3		1	2.155 ms	0.16 dBm		

Date: 8.DEC.2023 11:28:10

Duty Cycle NVNT n20 2412MHz Ant1

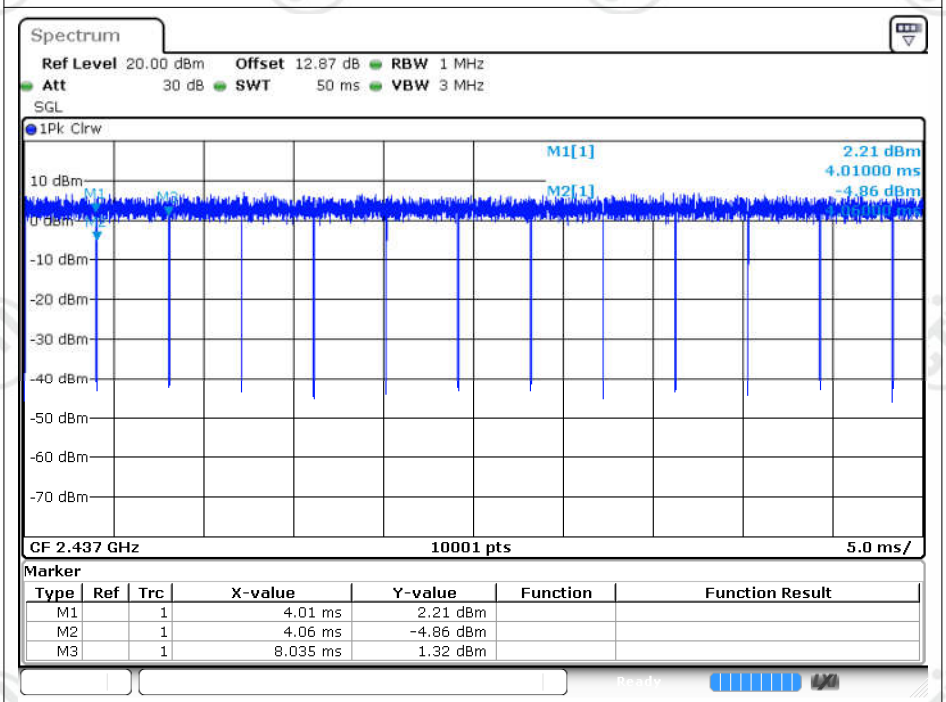


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.1 ms	1.93 dBm		
M2		1	2.15 ms	-5.30 dBm		
M3		1	6.125 ms	1.01 dBm		

Date: 8.DEC.2023 10:34:46

Duty Cycle NVNT n20 2437MHz Ant1

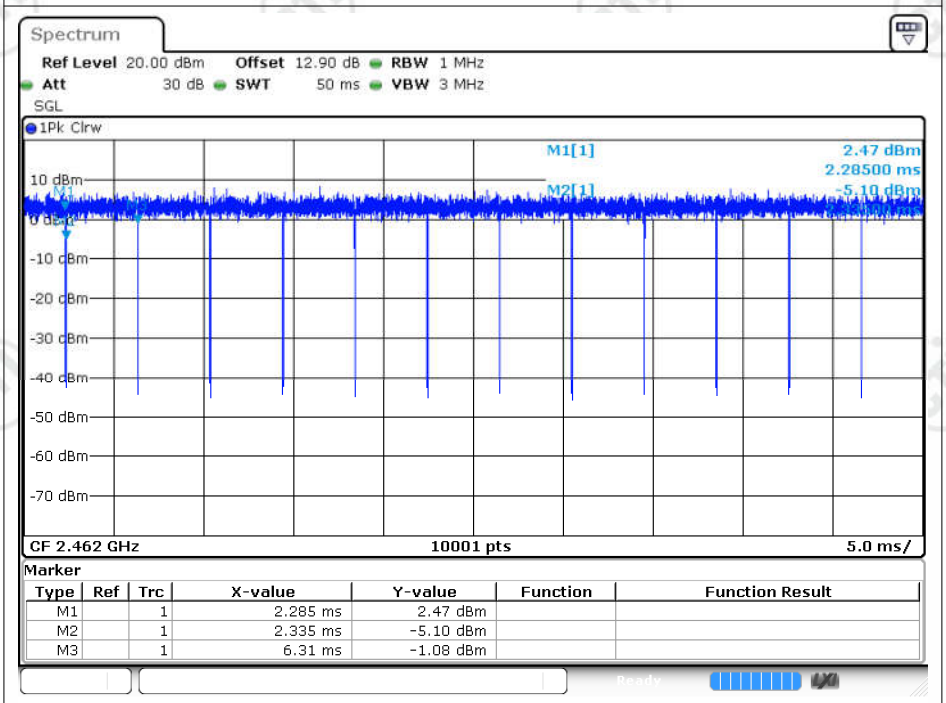


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	4.01 ms	2.21 dBm		
M2		1	4.06 ms	-4.86 dBm		
M3		1	8.035 ms	1.32 dBm		

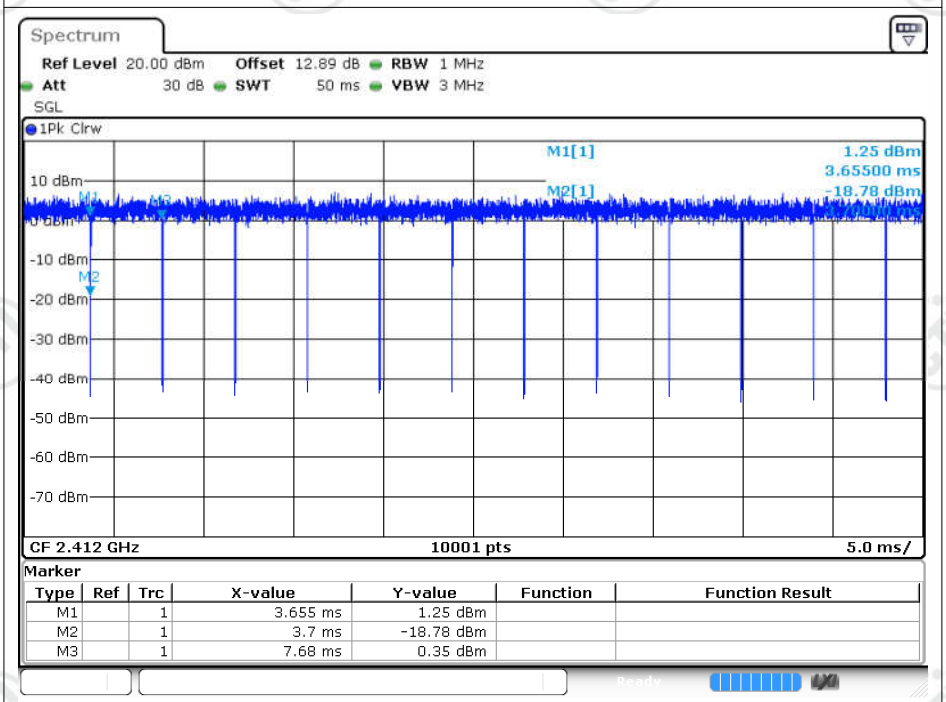
Date: 8.DEC.2023 10:36:34

Duty Cycle NVNT n20 2462MHz Ant1



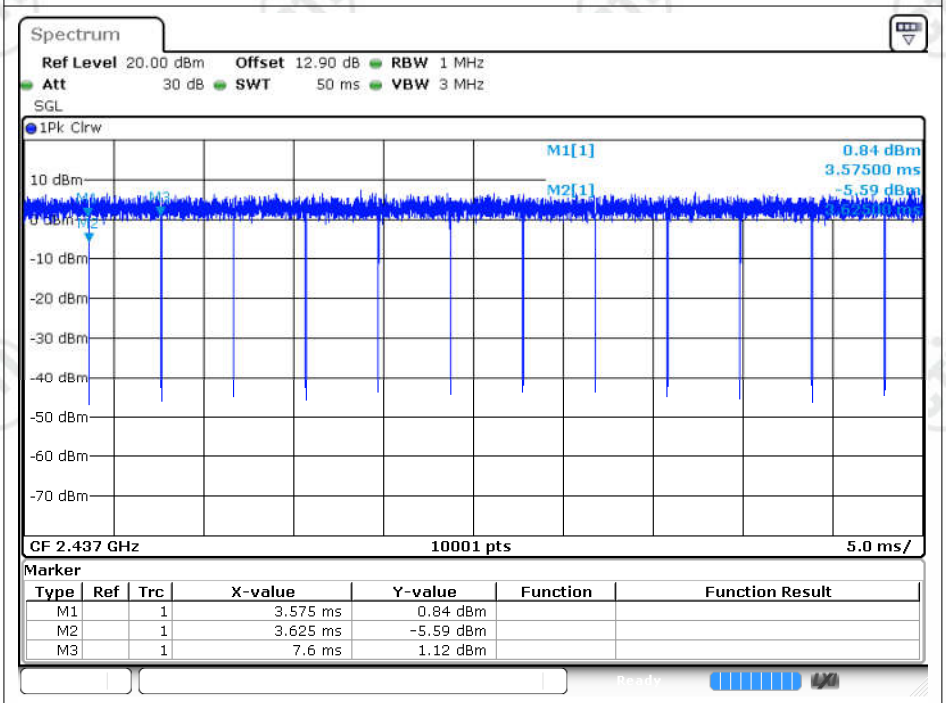
Date: 8.DEC.2023 10:42:39

Duty Cycle NVNT n20 2412MHz Ant2



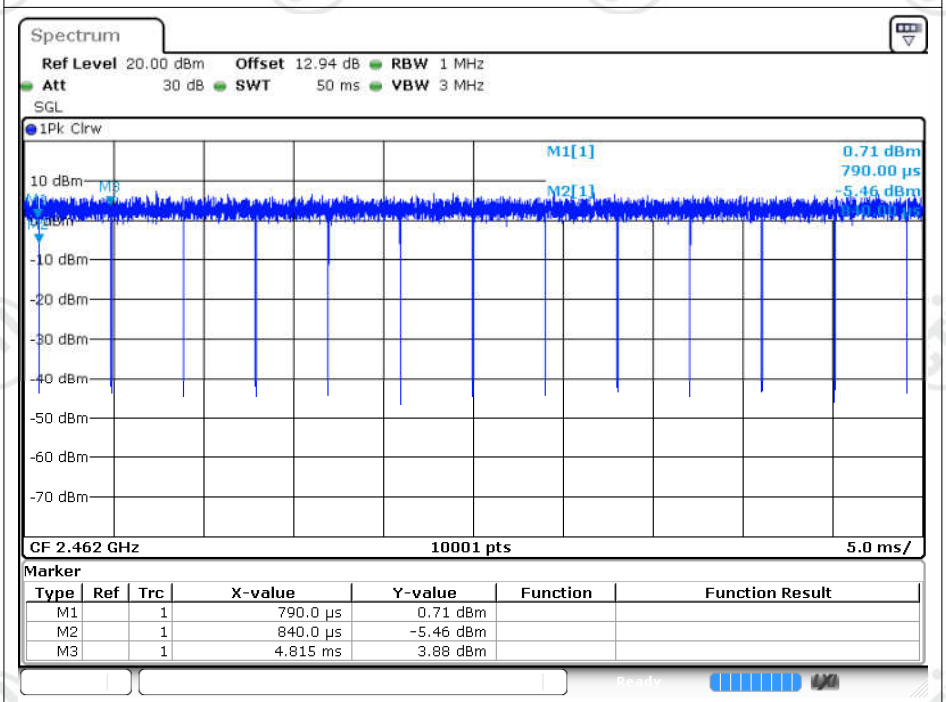
Date: 8.DEC.2023 11:35:45

Duty Cycle NVNT n20 2437MHz Ant2



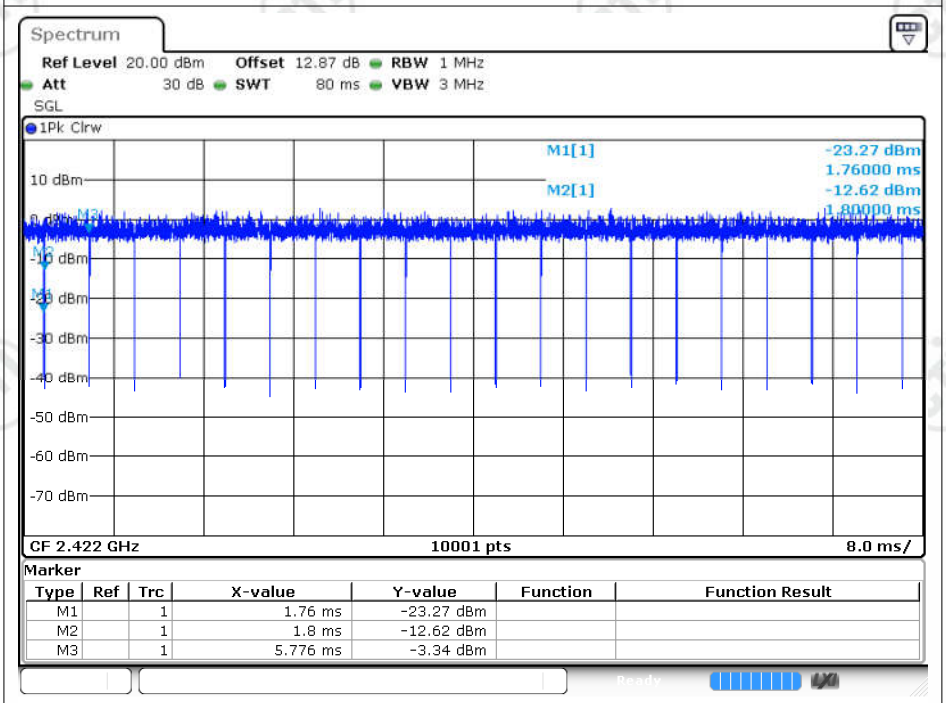
Date: 8.DEC.2023 11:37:21

Duty Cycle NVNT n20 2462MHz Ant2



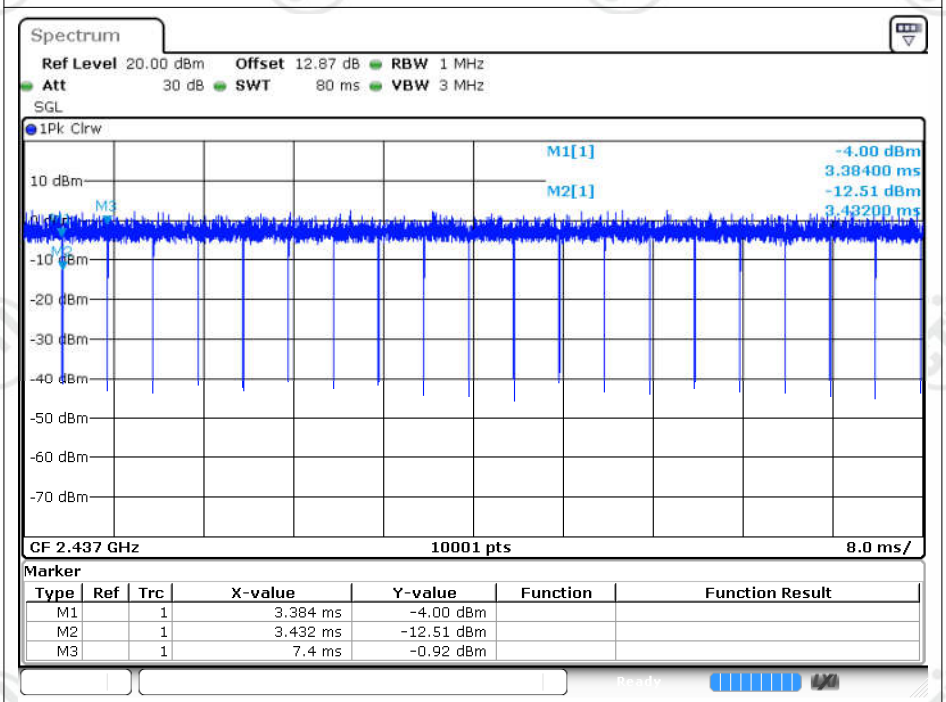
Date: 8.DEC.2023 11:38:51

Duty Cycle NVNT n40 2422MHz Ant1



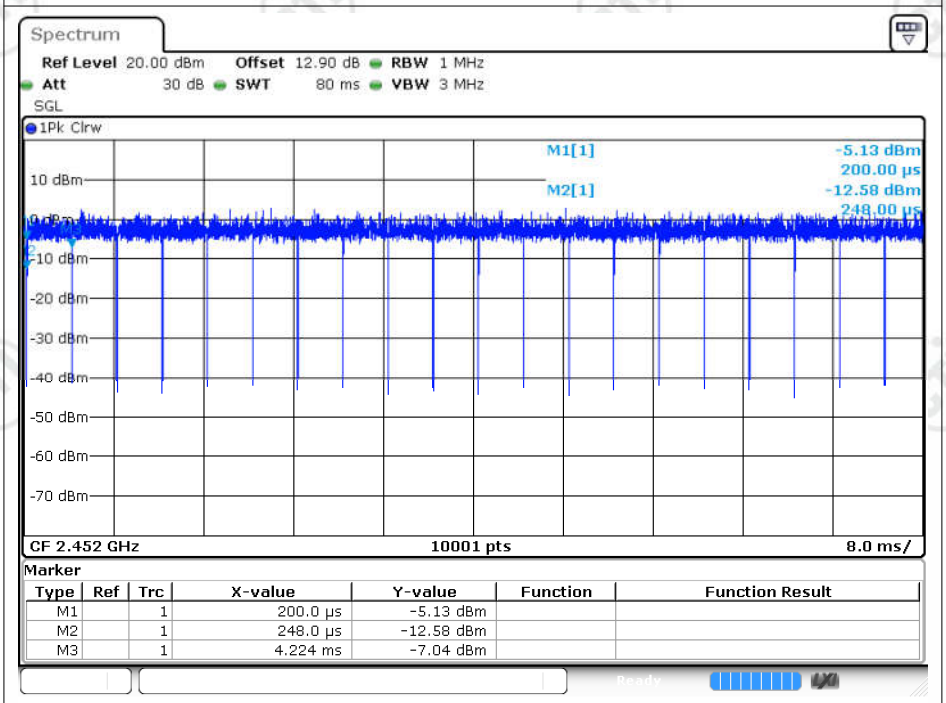
Date: 8.DEC.2023 10:44:38

Duty Cycle NVNT n40 2437MHz Ant1



Date: 8.DEC.2023 10:48:43

Duty Cycle NVNT n40 2452MHz Ant1

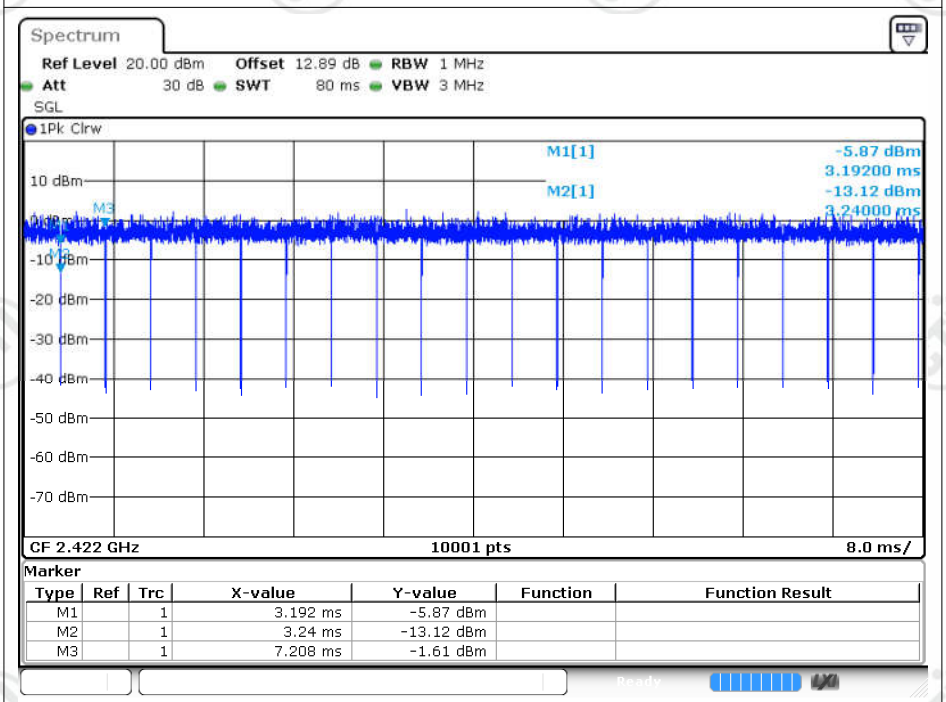


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	200.0 µs	-5.13 dBm		
M2		1	248.0 µs	-12.58 dBm		
M3		1	4.224 ms	-7.04 dBm		

Date: 8.DEC.2023 10:51:14

Duty Cycle NVNT n40 2422MHz Ant2

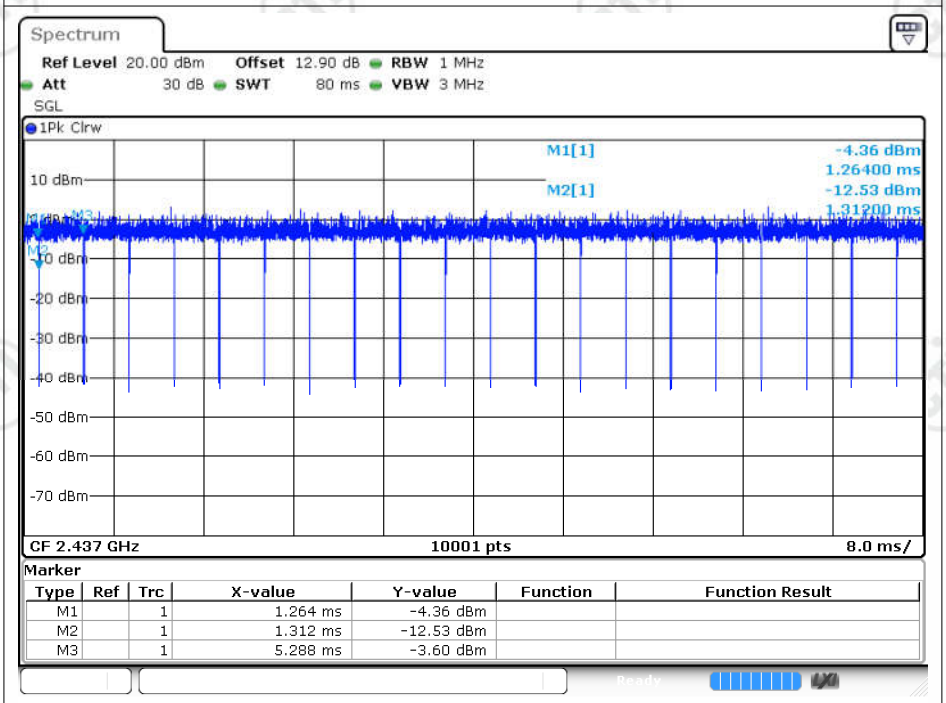


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	3.192 ms	-5.87 dBm		
M2		1	3.24 ms	-13.12 dBm		
M3		1	7.208 ms	-1.61 dBm		

Date: 8.DEC.2023 11:44:39

Duty Cycle NVNT n40 2437MHz Ant2

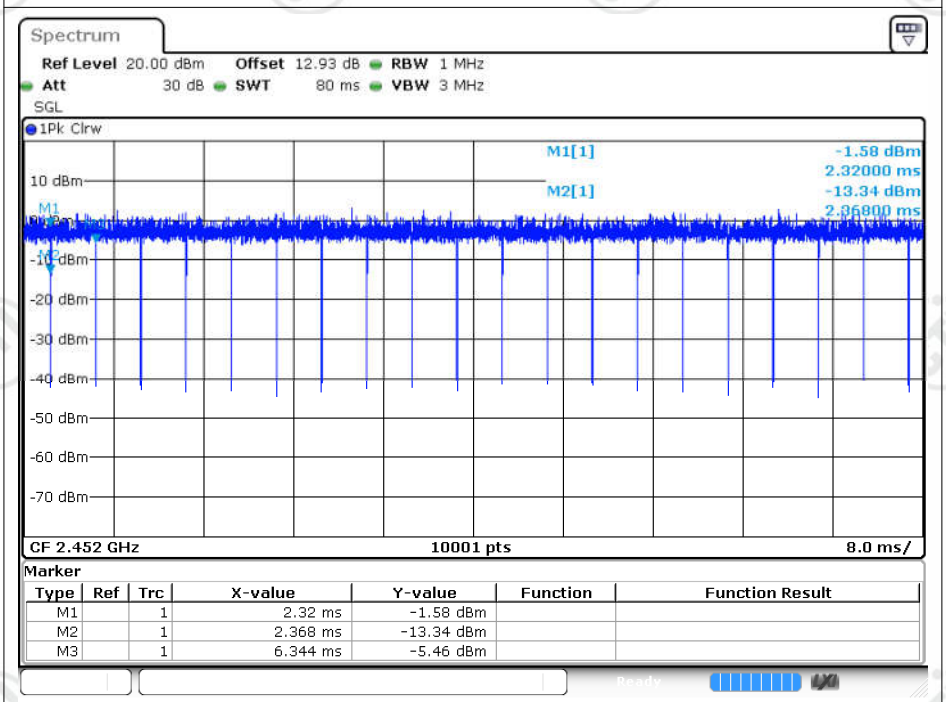


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.264 ms	-4.36 dBm		
M2		1	1.312 ms	-12.53 dBm		
M3		1	5.288 ms	-3.60 dBm		

Date: 8.DEC.2023 12:57:04

Duty Cycle NVNT n40 2452MHz Ant2

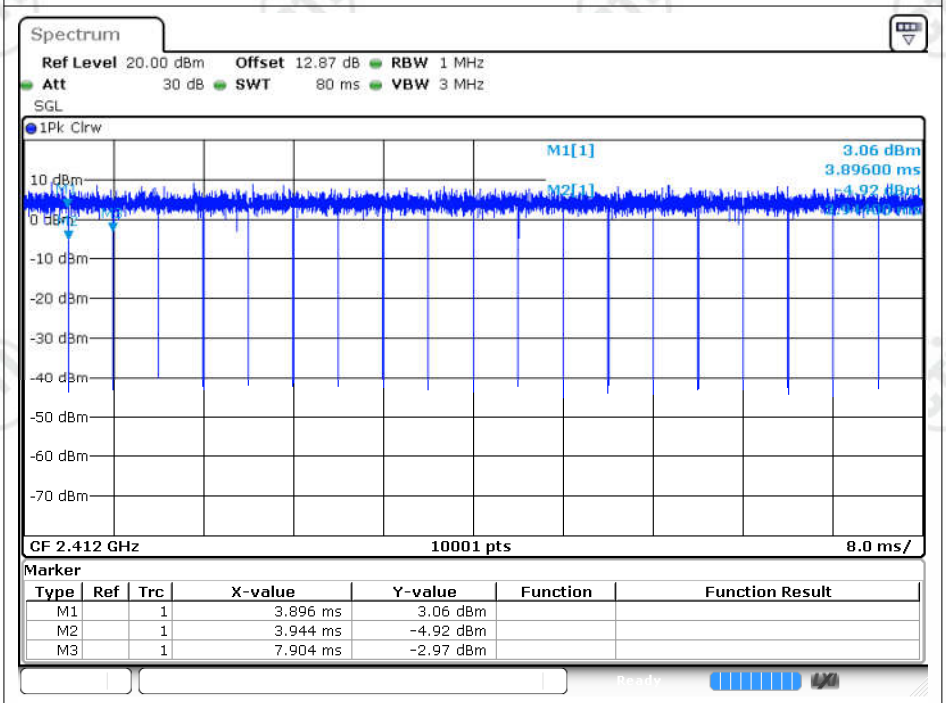


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.32 ms	-1.58 dBm		
M2		1	2.368 ms	-13.34 dBm		
M3		1	6.344 ms	-5.46 dBm		

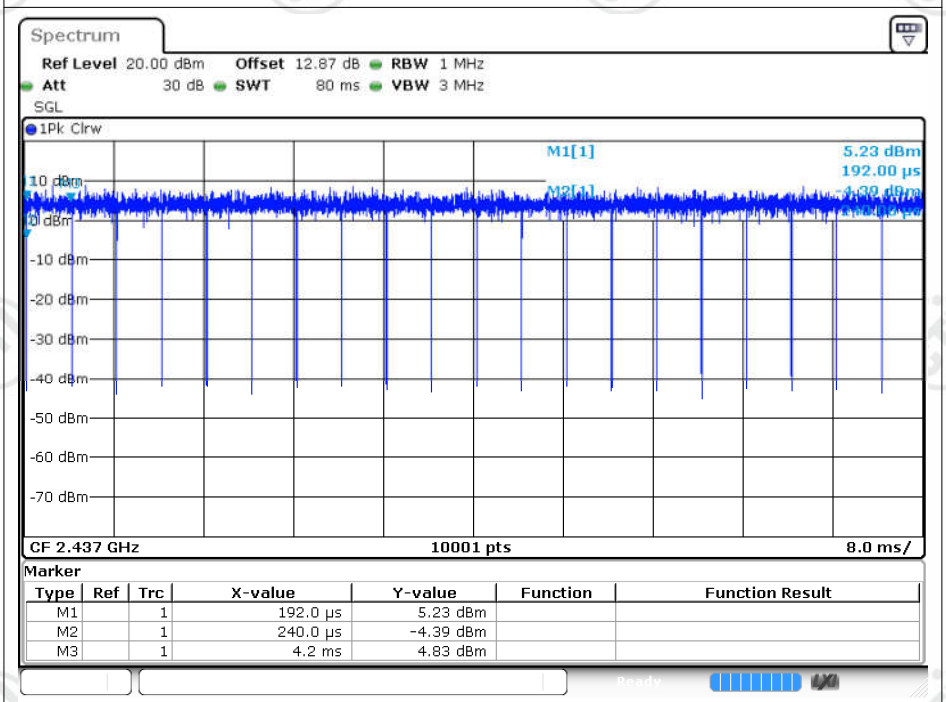
Date: 8.DEC.2023 13:03:55

Duty Cycle NVNT ax20 2412MHz Ant1



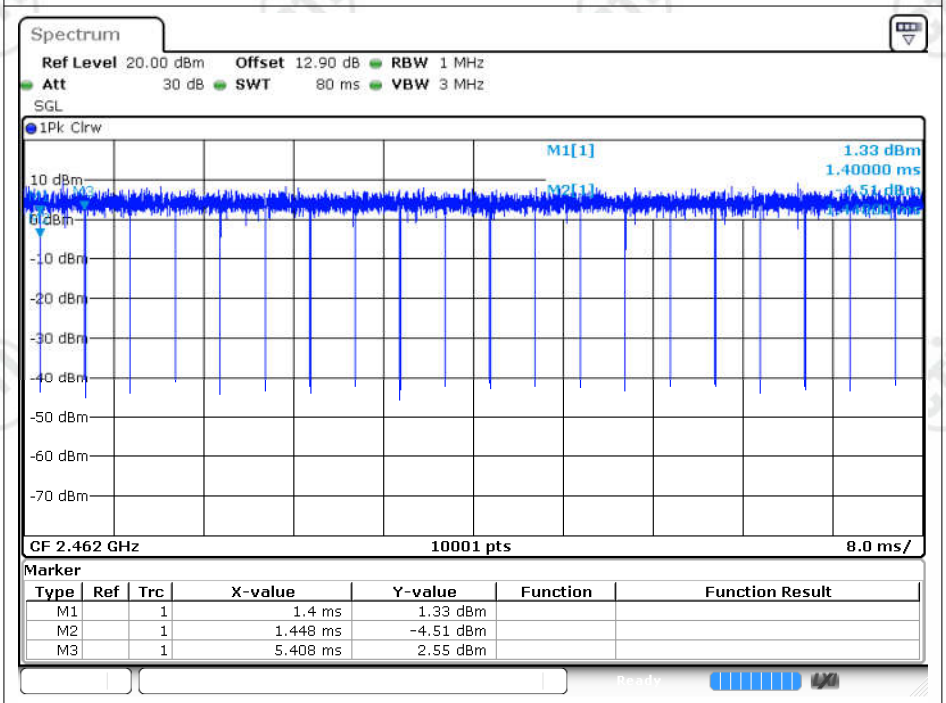
Date: 8.DEC.2023 10:57:43

Duty Cycle NVNT ax20 2437MHz Ant1



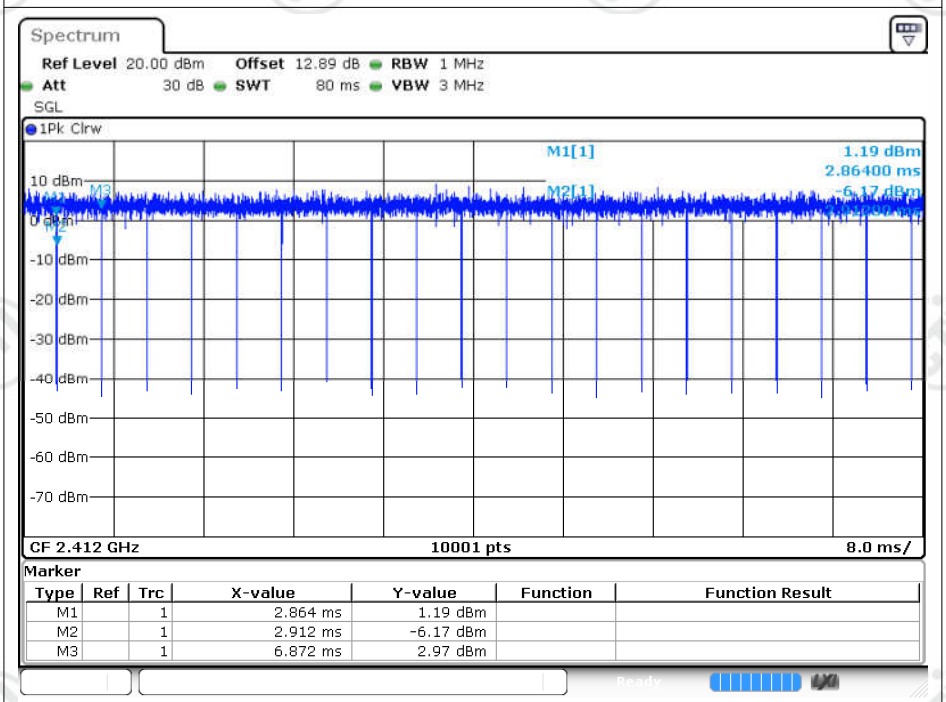
Date: 8.DEC.2023 10:59:27

Duty Cycle NVNT ax20 2462MHz Ant1



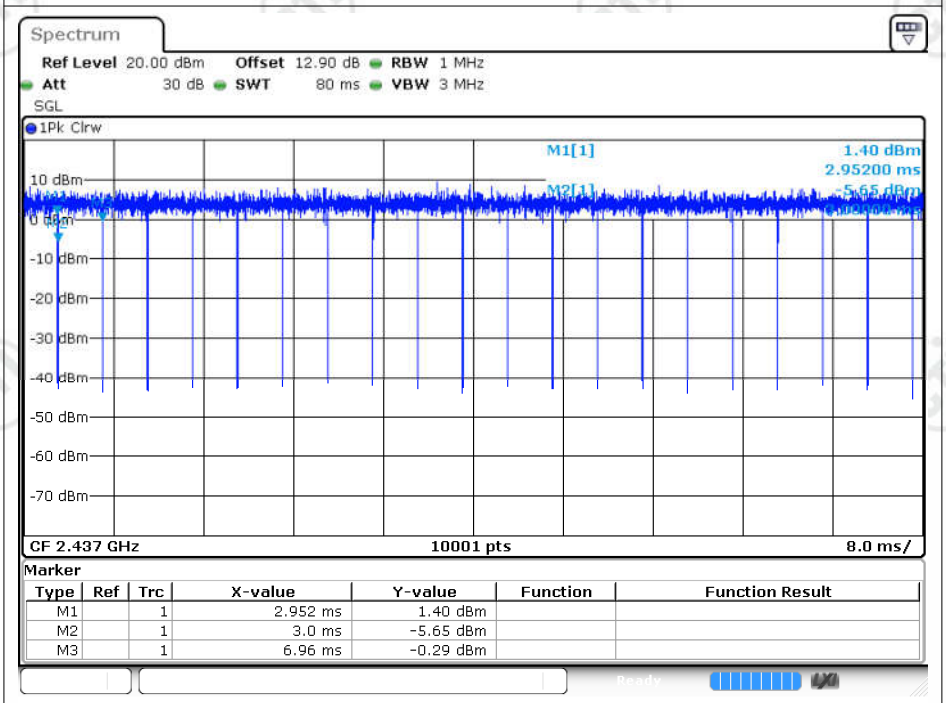
Date: 8.DEC.2023 11:00:59

Duty Cycle NVNT ax20 2412MHz Ant2



Date: 8.DEC.2023 13:06:11

Duty Cycle NVNT ax20 2437MHz Ant2

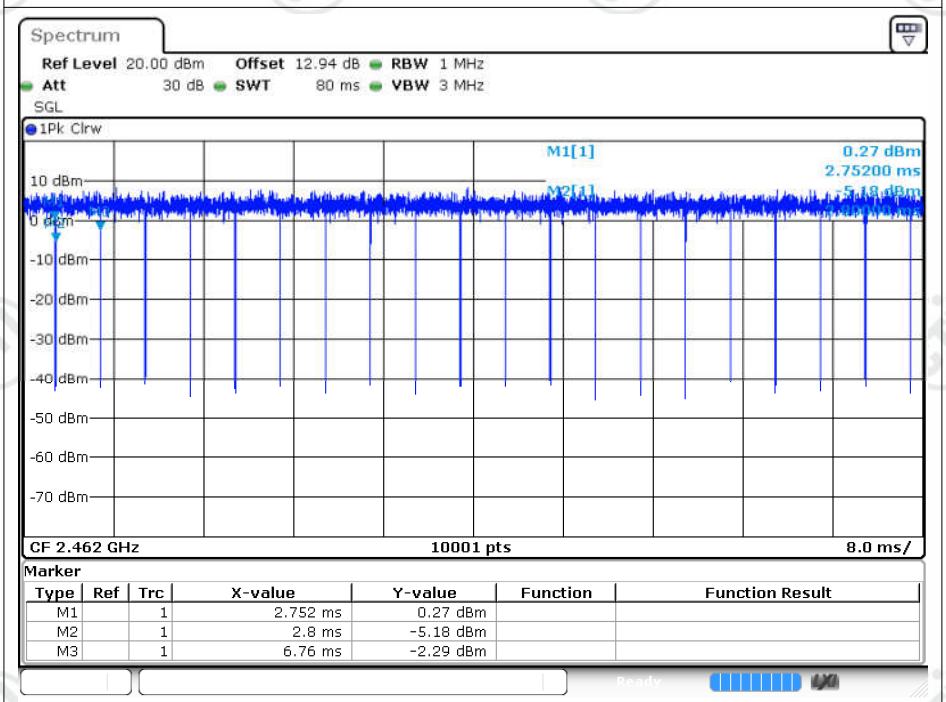


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.952 ms	1.40 dBm		
M2		1	3.0 ms	-5.65 dBm		
M3		1	6.96 ms	-0.29 dBm		

Date: 8.DEC.2023 13:12:03

Duty Cycle NVNT ax20 2462MHz Ant2

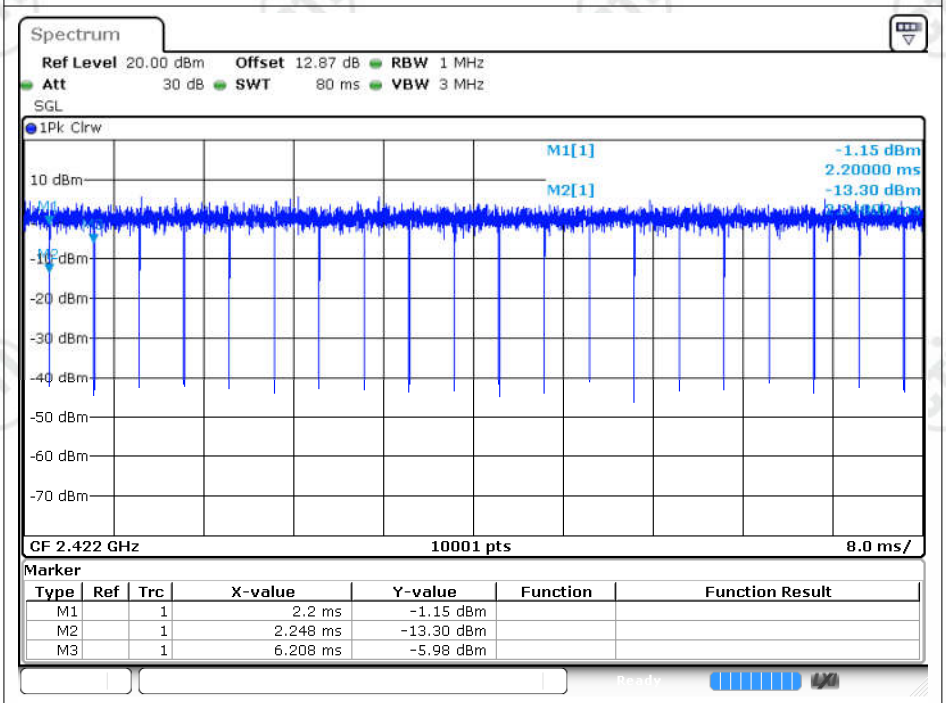


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.752 ms	0.27 dBm		
M2		1	2.8 ms	-5.18 dBm		
M3		1	6.76 ms	-2.29 dBm		

Date: 8.DEC.2023 13:13:51

Duty Cycle NVNT ax40 2422MHz Ant1

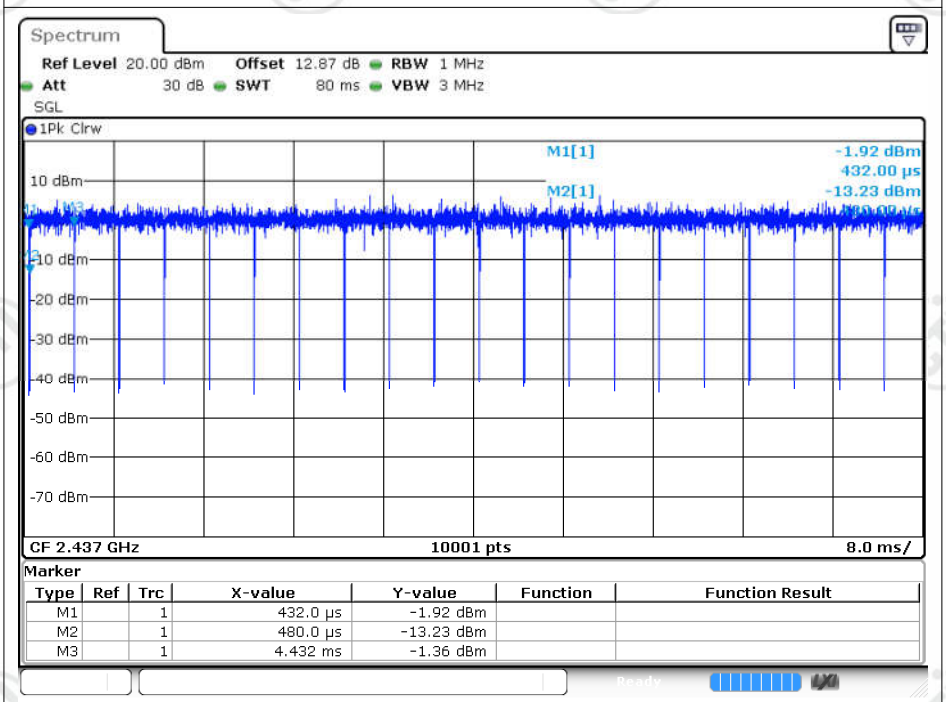


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.2 ms	-1.15 dBm		
M2		1	2.248 ms	-13.30 dBm		
M3		1	6.208 ms	-5.98 dBm		

Date: 8.DEC.2023 11:02:45

Duty Cycle NVNT ax40 2437MHz Ant1

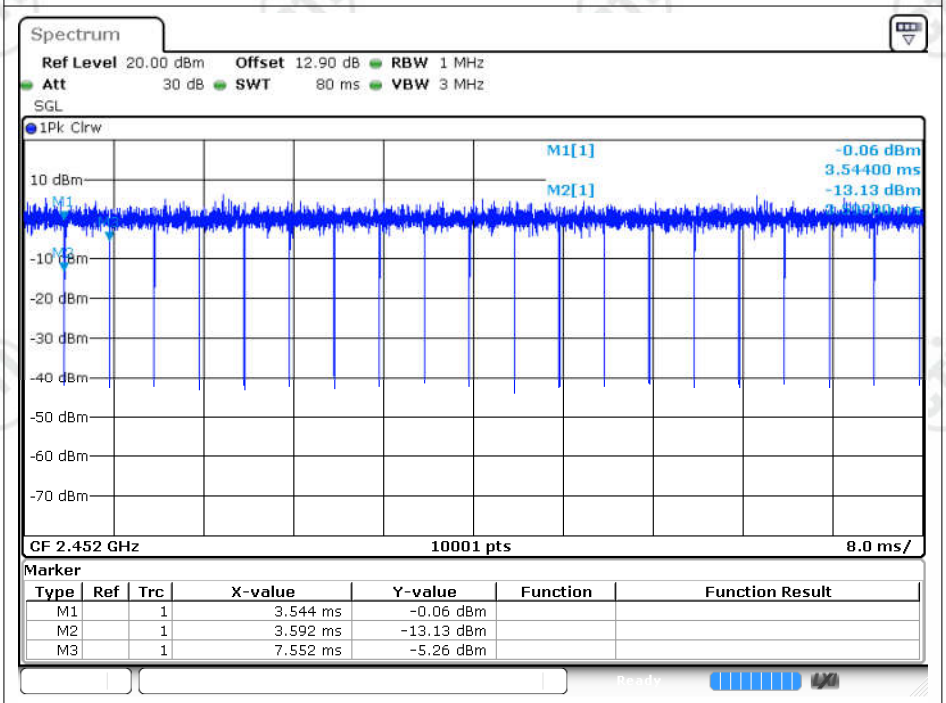


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	432.0 µs	-1.92 dBm		
M2		1	480.0 µs	-13.23 dBm		
M3		1	4.432 ms	-1.36 dBm		

Date: 8.DEC.2023 11:05:15

Duty Cycle NVNT ax40 2452MHz Ant1

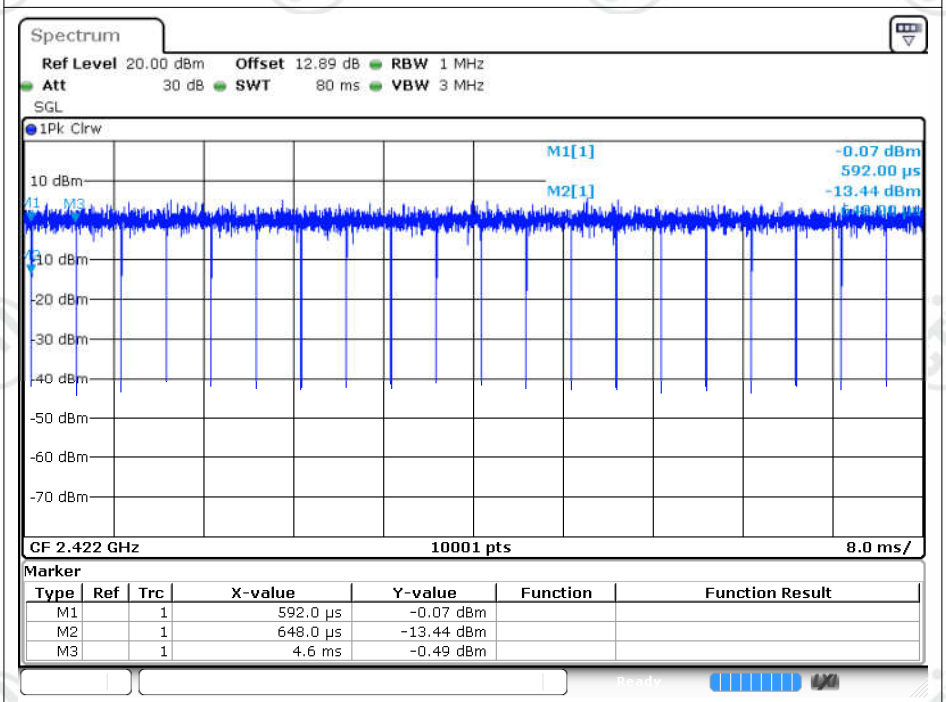


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	3.544 ms	-0.06 dBm		
M2		1	3.592 ms	-13.13 dBm		
M3		1	7.552 ms	-5.26 dBm		

Date: 8.DEC.2023 11:07:46

Duty Cycle NVNT ax40 2422MHz Ant2

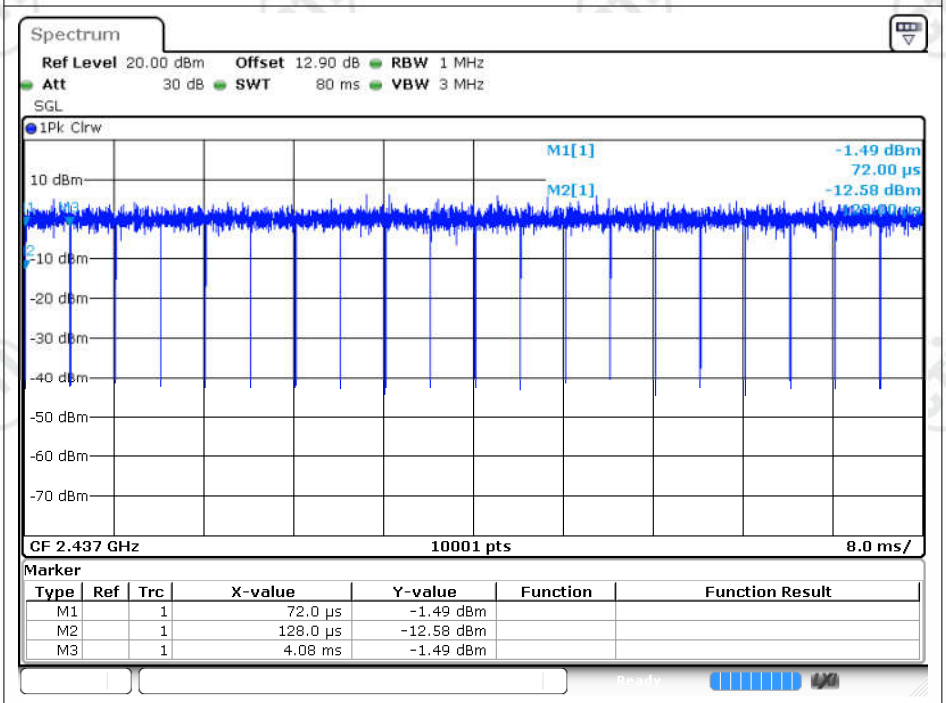


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	592.0 µs	-0.07 dBm		
M2		1	648.0 µs	-13.44 dBm		
M3		1	4.6 ms	-0.49 dBm		

Date: 8.DEC.2023 13:15:36

Duty Cycle NVNT ax40 2437MHz Ant2

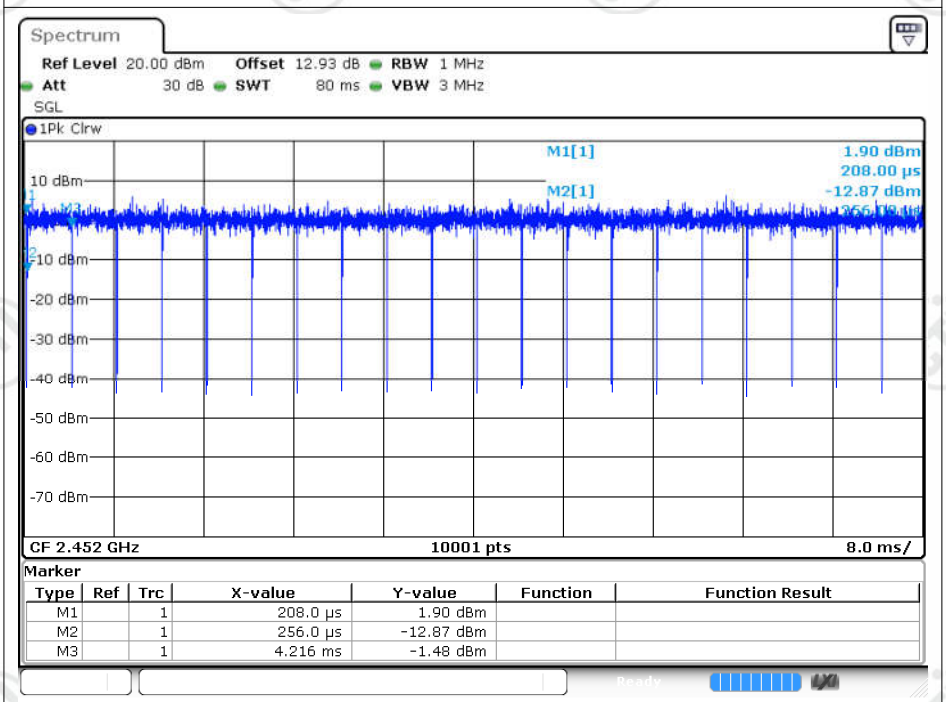


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	72.0 µs	-1.49 dBm		
M2		1	128.0 µs	-12.58 dBm		
M3		1	4.08 ms	-1.49 dBm		

Date: 8.DEC.2023 13:20:08

Duty Cycle NVNT ax40 2452MHz Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	208.0 µs	1.90 dBm		
M2		1	256.0 µs	-12.87 dBm		
M3		1	4.216 ms	-1.48 dBm		

Date: 8.DEC.2023 13:33:11

Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.57	30	Pass
NVNT	b	2437	Ant1	12.4	30	Pass
NVNT	b	2462	Ant1	12.37	30	Pass
NVNT	b	2412	Ant2	12.68	30	Pass
NVNT	b	2437	Ant2	12.85	30	Pass
NVNT	b	2462	Ant2	12.94	30	Pass
NVNT	g	2412	Ant1	11.51	30	Pass
NVNT	g	2437	Ant1	11.32	30	Pass
NVNT	g	2462	Ant1	11.32	30	Pass
NVNT	g	2412	Ant2	10.55	30	Pass
NVNT	g	2437	Ant2	10.88	30	Pass
NVNT	g	2462	Ant2	10.96	30	Pass
NVNT	n20	2412	Ant1	11.44	30	Pass
NVNT	n20	2437	Ant1	11.23	30	Pass
NVNT	n20	2462	Ant1	11.24	30	Pass
NVNT	n20	2412	Ant2	10.43	30	Pass
NVNT	n20	2437	Ant2	10.84	30	Pass
NVNT	n20	2462	Ant2	10.79	30	Pass
NVNT	n20	2412	Ant1	6.01	30	Pass
NVNT	n20	2412	Ant2	5.06	30	Pass
NVNT	n20	2412	Sum	8.57	30	Pass
NVNT	n20	2437	Ant1	5.59	30	Pass
NVNT	n20	2437	Ant2	5.18	30	Pass
NVNT	n20	2437	Sum	8.4	30	Pass
NVNT	n20	2462	Ant1	5.45	30	Pass
NVNT	n20	2462	Ant2	5.35	30	Pass
NVNT	n20	2462	Sum	8.41	30	Pass
NVNT	n40	2422	Ant1	11.95	30	Pass
NVNT	n40	2437	Ant1	11.77	30	Pass
NVNT	n40	2452	Ant1	11.62	30	Pass
NVNT	n40	2422	Ant2	11.21	30	Pass
NVNT	n40	2437	Ant2	11.53	30	Pass
NVNT	n40	2452	Ant2	11.55	30	Pass
NVNT	n40	2422	Ant1	6.2	30	Pass
NVNT	n40	2422	Ant2	5.54	30	Pass
NVNT	n40	2422	Sum	8.89	30	Pass
NVNT	n40	2437	Ant1	6.15	30	Pass
NVNT	n40	2437	Ant2	5.8	30	Pass

NVNT	n40	2437	Sum	8.99	30	Pass
NVNT	n40	2452	Ant1	5.98	30	Pass
NVNT	n40	2452	Ant2	5.86	30	Pass
NVNT	n40	2452	Sum	8.93	30	Pass
NVNT	ax20	2412	Ant1	11.56	30	Pass
NVNT	ax20	2437	Ant1	11.44	30	Pass
NVNT	ax20	2462	Ant1	11.3	30	Pass
NVNT	ax20	2412	Ant2	10.7	30	Pass
NVNT	ax20	2437	Ant2	11	30	Pass
NVNT	ax20	2462	Ant2	10.92	30	Pass
NVNT	ax20	2412	Ant1	5.96	30	Pass
NVNT	ax20	2412	Ant2	4.95	30	Pass
NVNT	ax20	2412	Sum	8.49	30	Pass
NVNT	ax20	2437	Ant1	5.71	30	Pass
NVNT	ax20	2437	Ant2	5.34	30	Pass
NVNT	ax20	2437	Sum	8.54	30	Pass
NVNT	ax20	2462	Ant1	5.65	30	Pass
NVNT	ax20	2462	Ant2	5.35	30	Pass
NVNT	ax20	2462	Sum	8.51	30	Pass
NVNT	ax40	2422	Ant1	11.72	30	Pass
NVNT	ax40	2437	Ant1	11.67	30	Pass
NVNT	ax40	2452	Ant1	11.4	30	Pass
NVNT	ax40	2422	Ant2	11	30	Pass
NVNT	ax40	2437	Ant2	11.18	30	Pass
NVNT	ax40	2452	Ant2	11.3	30	Pass
NVNT	ax40	2422	Ant1	6	30	Pass
NVNT	ax40	2422	Ant2	5.37	30	Pass
NVNT	ax40	2422	Sum	8.71	30	Pass
NVNT	ax40	2437	Ant1	5.98	30	Pass
NVNT	ax40	2437	Ant2	5.66	30	Pass
NVNT	ax40	2437	Sum	8.83	30	Pass
NVNT	ax40	2452	Ant1	5.8	30	Pass
NVNT	ax40	2452	Ant2	5.7	30	Pass
NVNT	ax40	2452	Sum	8.76	30	Pass

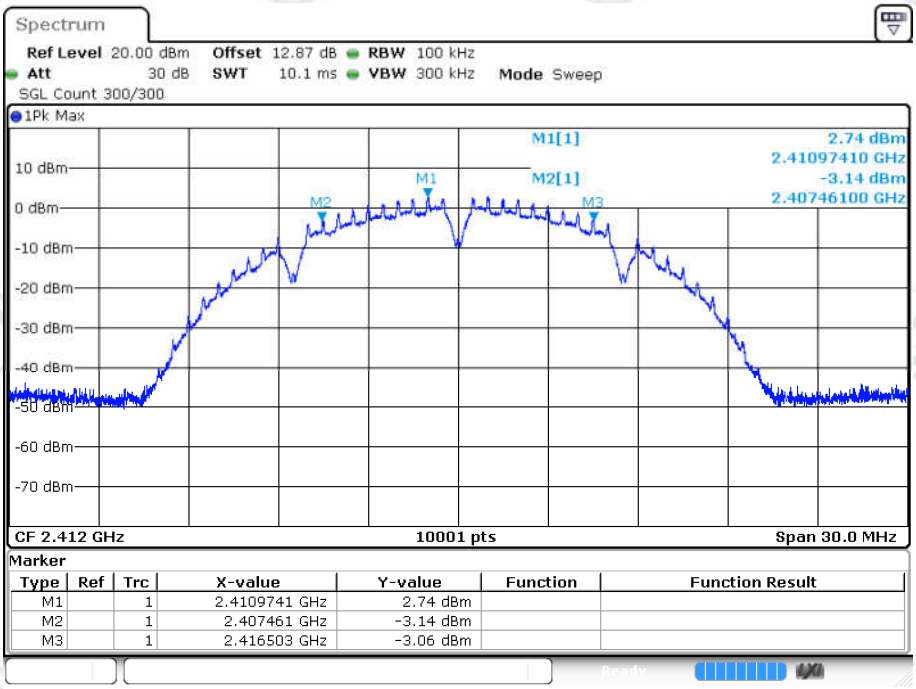
Note:The Conducted Power has been added Duty Cycle factor.

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.042	0.5	Pass
NVNT	b	2437	Ant1	9.039	0.5	Pass
NVNT	b	2462	Ant1	8.535	0.5	Pass
NVNT	b	2412	Ant2	8.076	0.5	Pass
NVNT	b	2437	Ant2	8.532	0.5	Pass
NVNT	b	2462	Ant2	9.006	0.5	Pass
NVNT	g	2412	Ant1	15.105	0.5	Pass
NVNT	g	2437	Ant1	15.111	0.5	Pass
NVNT	g	2462	Ant1	15.096	0.5	Pass
NVNT	g	2412	Ant2	15.036	0.5	Pass
NVNT	g	2437	Ant2	15.084	0.5	Pass
NVNT	g	2462	Ant2	15.315	0.5	Pass
NVNT	n20	2412	Ant1	15.042	0.5	Pass
NVNT	n20	2437	Ant1	15.06	0.5	Pass
NVNT	n20	2462	Ant1	15.06	0.5	Pass
NVNT	n20	2412	Ant2	15.006	0.5	Pass
NVNT	n20	2437	Ant2	15.441	0.5	Pass
NVNT	n20	2462	Ant2	15.015	0.5	Pass
NVNT	n40	2422	Ant1	32.55	0.5	Pass
NVNT	n40	2437	Ant1	35.052	0.5	Pass
NVNT	n40	2452	Ant1	30.972	0.5	Pass
NVNT	n40	2422	Ant2	35.04	0.5	Pass
NVNT	n40	2437	Ant2	31.278	0.5	Pass
NVNT	n40	2452	Ant2	34.974	0.5	Pass
NVNT	ax20	2412	Ant1	15.402	0.5	Pass
NVNT	ax20	2437	Ant1	16.68	0.5	Pass
NVNT	ax20	2462	Ant1	16.575	0.5	Pass
NVNT	ax20	2412	Ant2	15.984	0.5	Pass
NVNT	ax20	2437	Ant2	17.547	0.5	Pass
NVNT	ax20	2462	Ant2	16.509	0.5	Pass
NVNT	ax40	2422	Ant1	31.38	0.5	Pass
NVNT	ax40	2437	Ant1	32.244	0.5	Pass
NVNT	ax40	2452	Ant1	32.094	0.5	Pass
NVNT	ax40	2422	Ant2	34.422	0.5	Pass
NVNT	ax40	2437	Ant2	34.962	0.5	Pass
NVNT	ax40	2452	Ant2	30.54	0.5	Pass

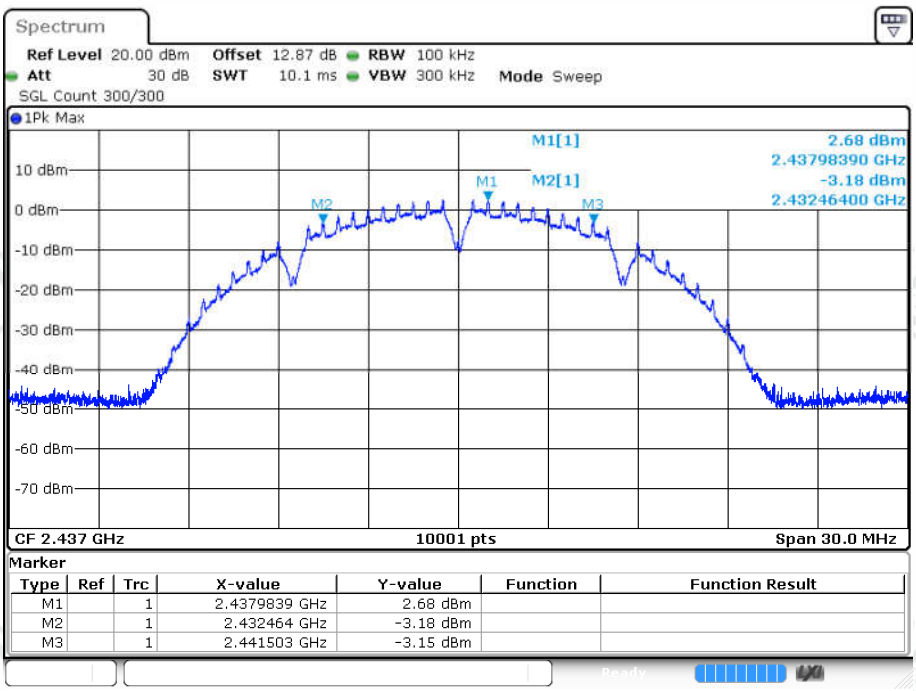
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



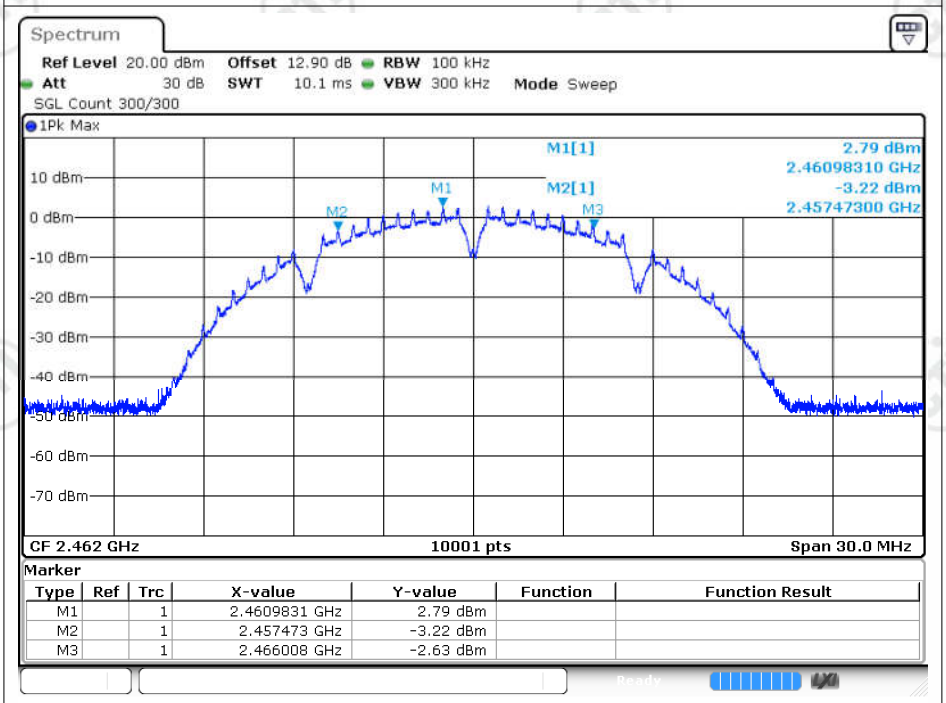
Date: 8.DEC.2023 10:22:19

-6dB Bandwidth NVNT b 2437MHz Ant1



Date: 8.DEC.2023 10:24:16

-6dB Bandwidth NVNT b 2462MHz Ant1

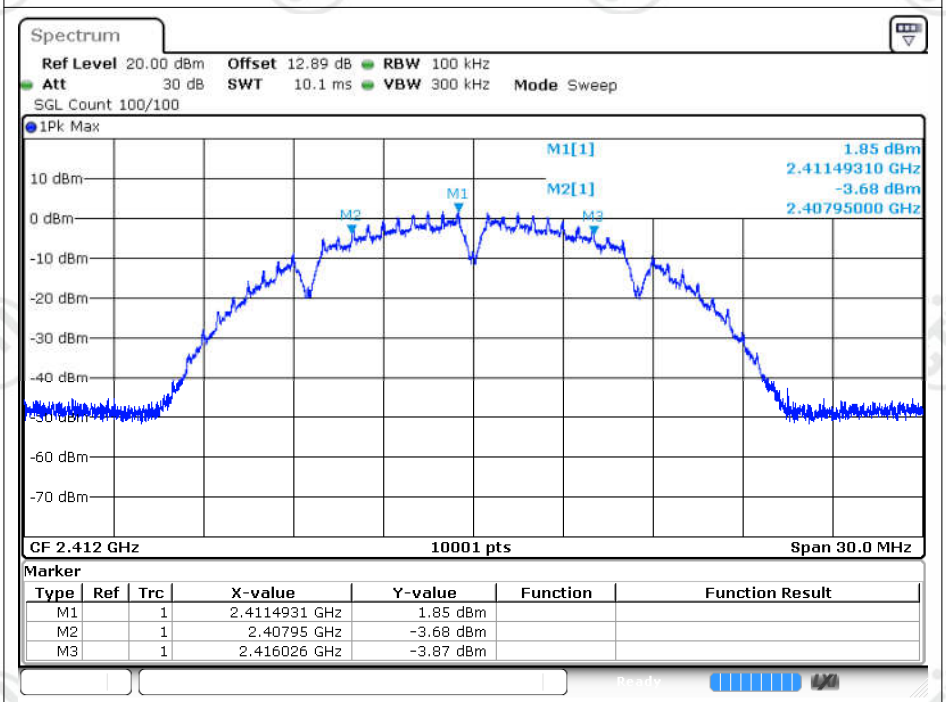


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4609831 GHz	2.79 dBm		
M2		1	2.457473 GHz	-3.22 dBm		
M3		1	2.466008 GHz	-2.63 dBm		

Date: 8.DEC.2023 10:26:13

-6dB Bandwidth NVNT b 2412MHz Ant2

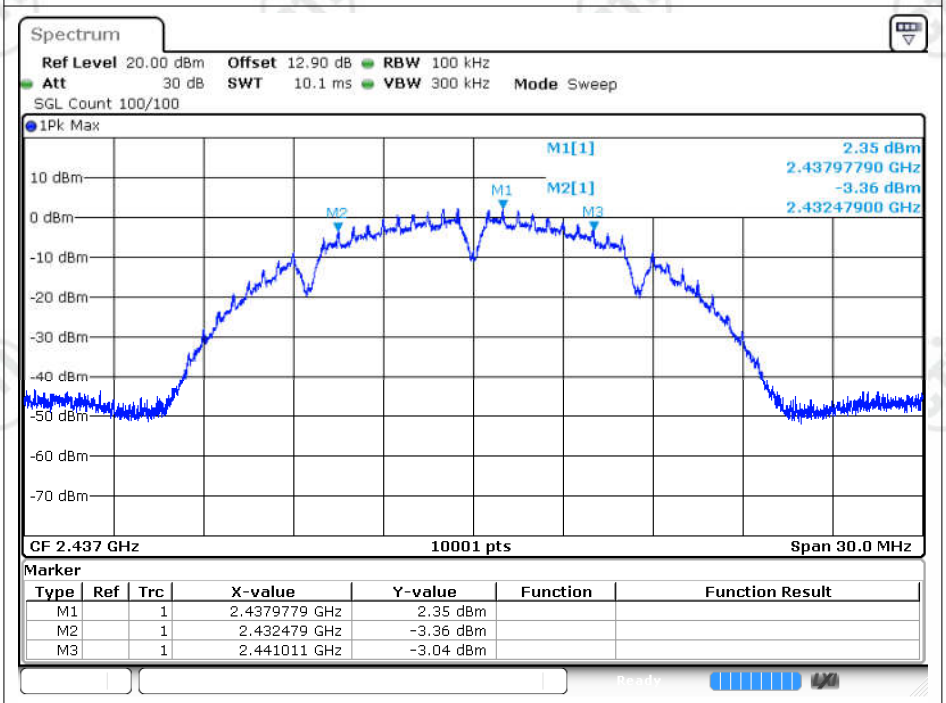


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4114931 GHz	1.85 dBm		
M2		1	2.40795 GHz	-3.68 dBm		
M3		1	2.416026 GHz	-3.87 dBm		

Date: 8.DEC.2023 11:11:20

-6dB Bandwidth NVNT b 2437MHz Ant2

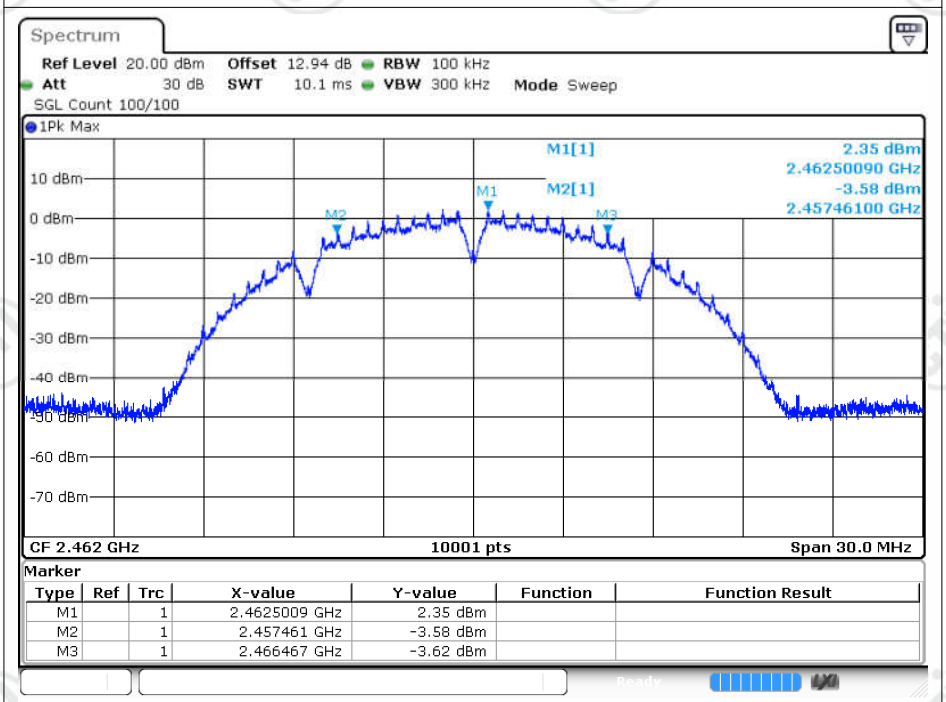


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4379779 GHz	2.35 dBm		
M2		1	2.432479 GHz	-3.36 dBm		
M3		1	2.441011 GHz	-3.04 dBm		

Date: 8.DEC.2023 11:13:37

-6dB Bandwidth NVNT b 2462MHz Ant2

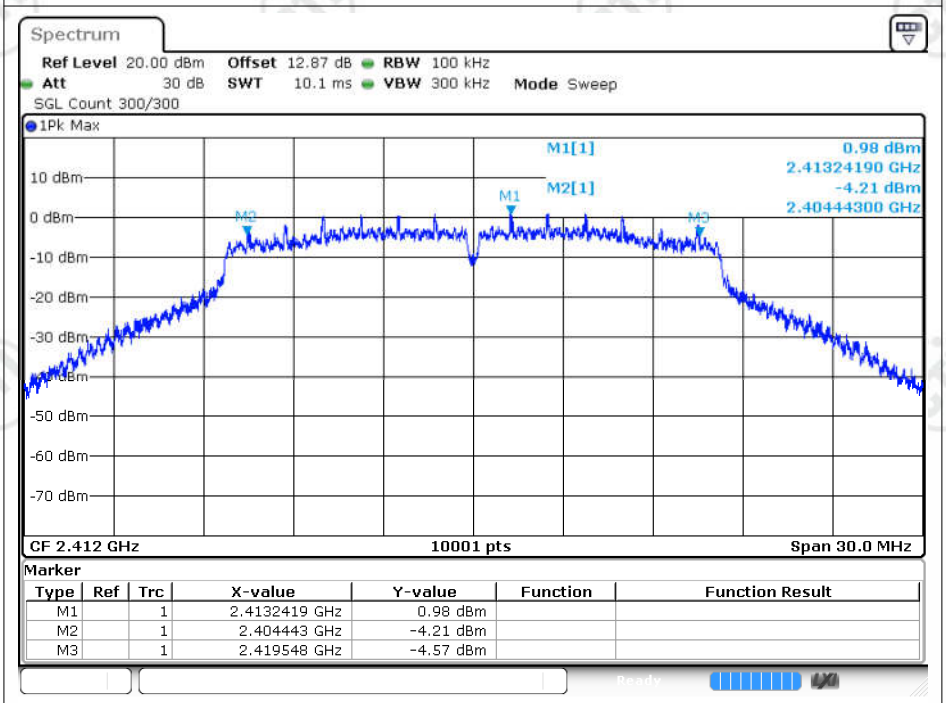


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4625009 GHz	2.35 dBm		
M2		1	2.457461 GHz	-3.58 dBm		
M3		1	2.466467 GHz	-3.62 dBm		

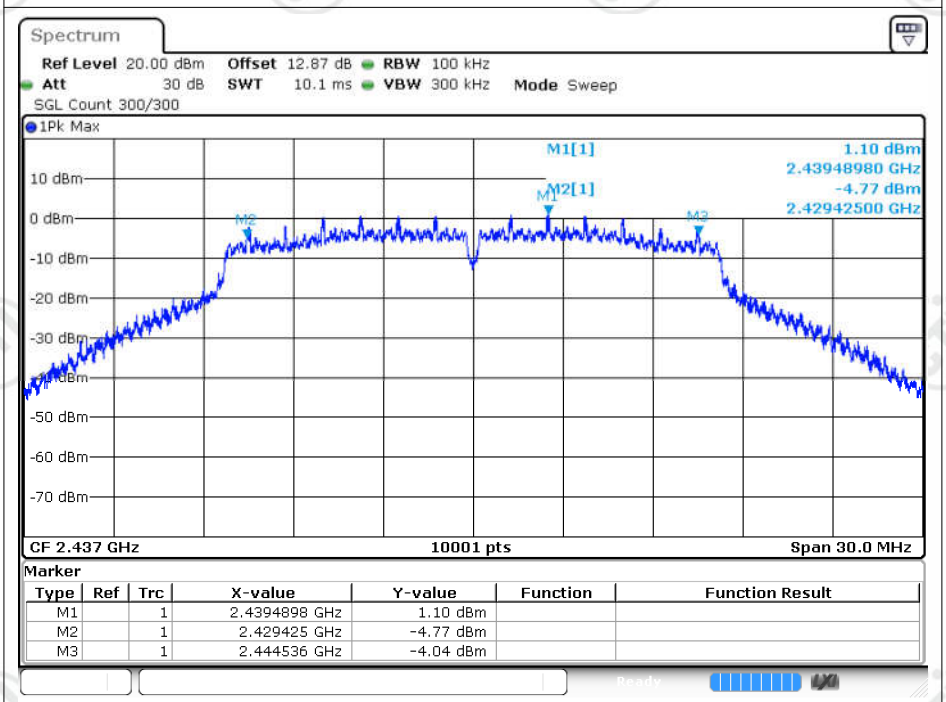
Date: 8.DEC.2023 11:15:00

-6dB Bandwidth NVNT g 2412MHz Ant1



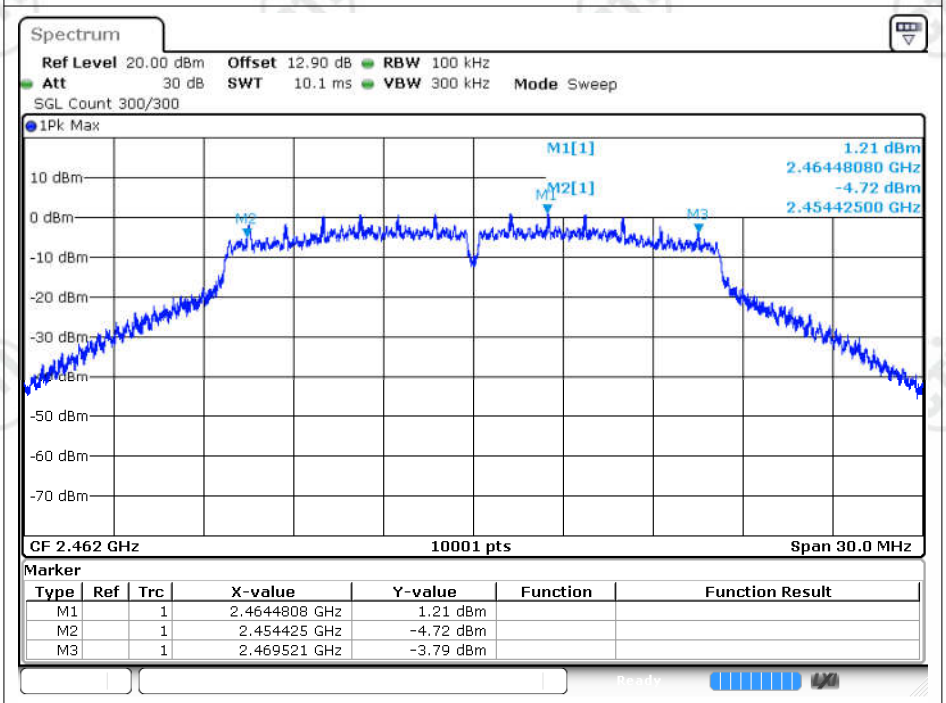
Date: 8.DEC.2023 10:28:40

-6dB Bandwidth NVNT g 2437MHz Ant1



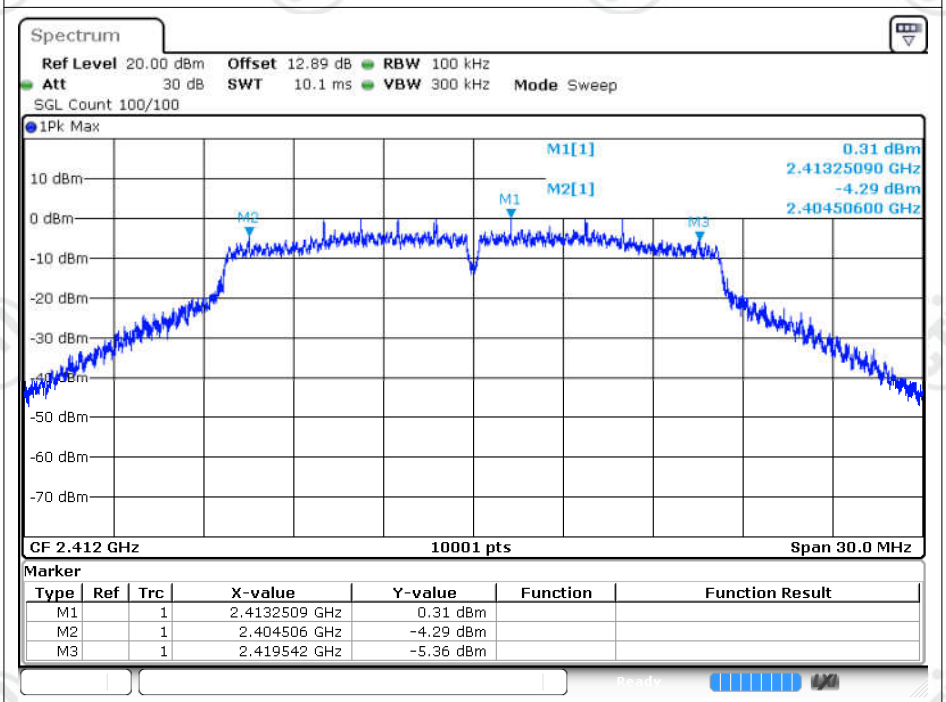
Date: 8.DEC.2023 10:30:27

-6dB Bandwidth NVNT g 2462MHz Ant1



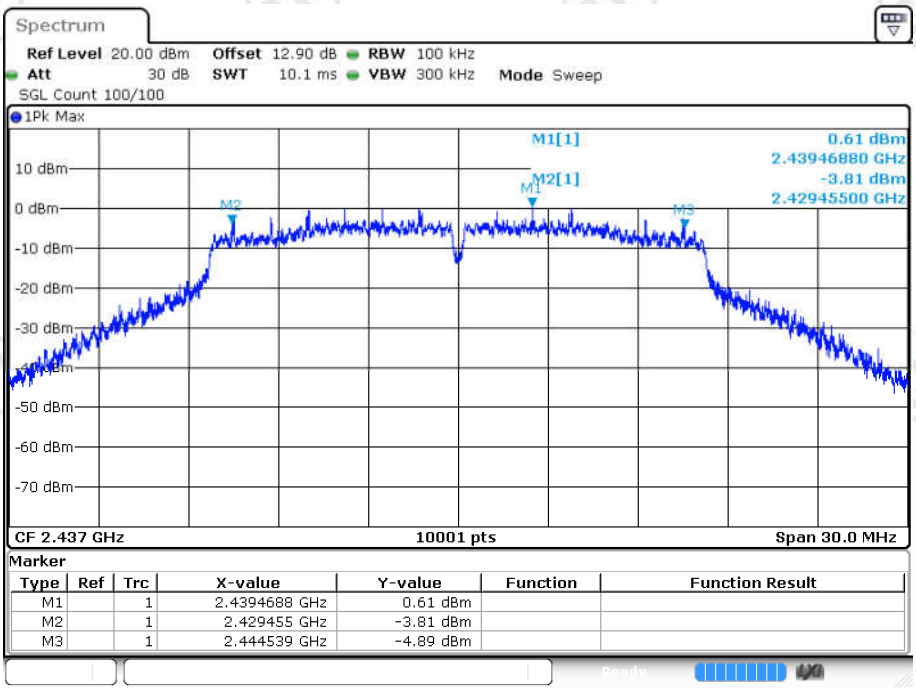
Date: 8.DEC.2023 10:32:10

-6dB Bandwidth NVNT g 2412MHz Ant2



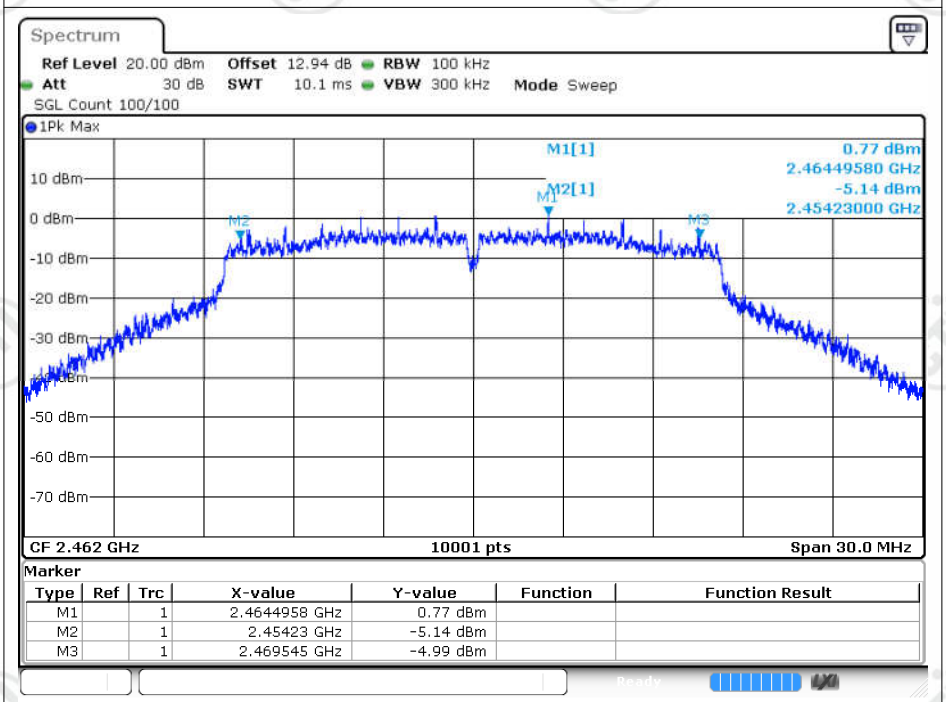
Date: 8.DEC.2023 11:17:58

-6dB Bandwidth NVNT g 2437MHz Ant2



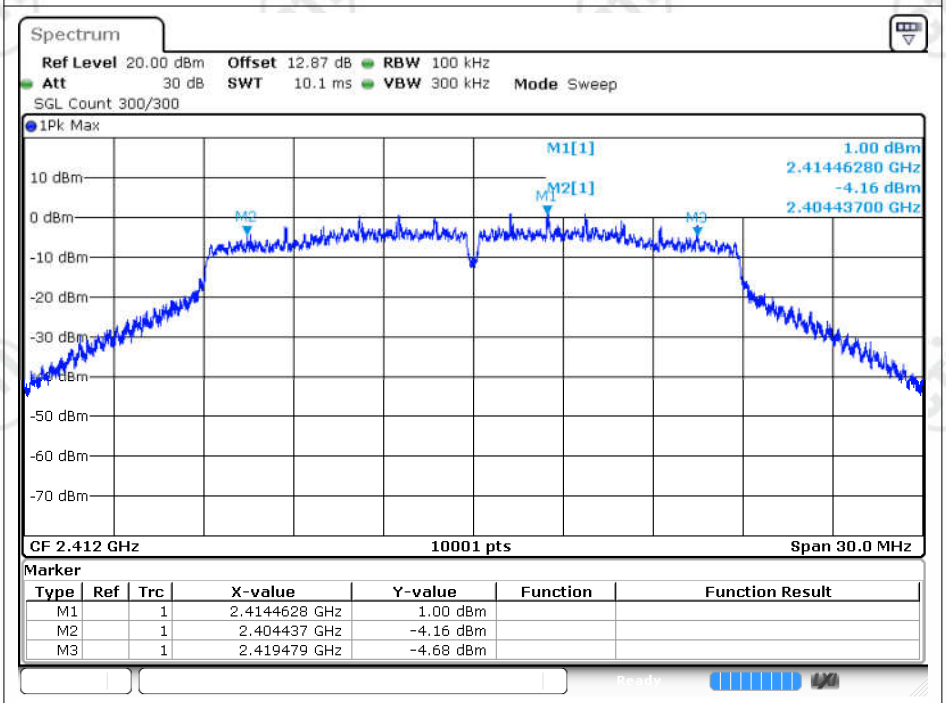
Date: 8.DEC.2023 11:23:32

-6dB Bandwidth NVNT g 2462MHz Ant2



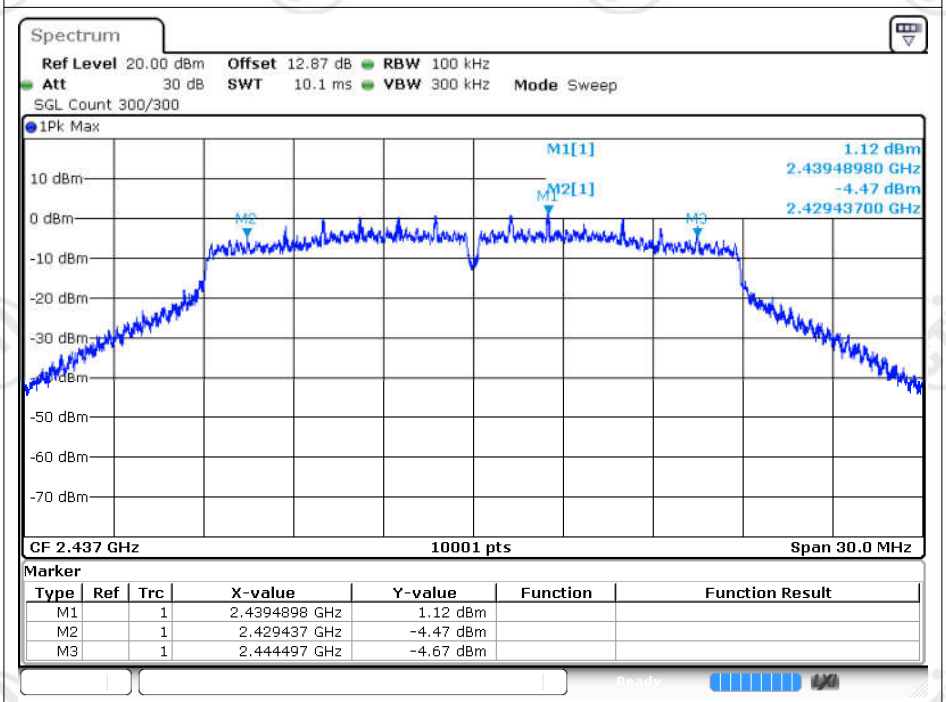
Date: 8.DEC.2023 11:28:27

-6dB Bandwidth NVNT n20 2412MHz Ant1



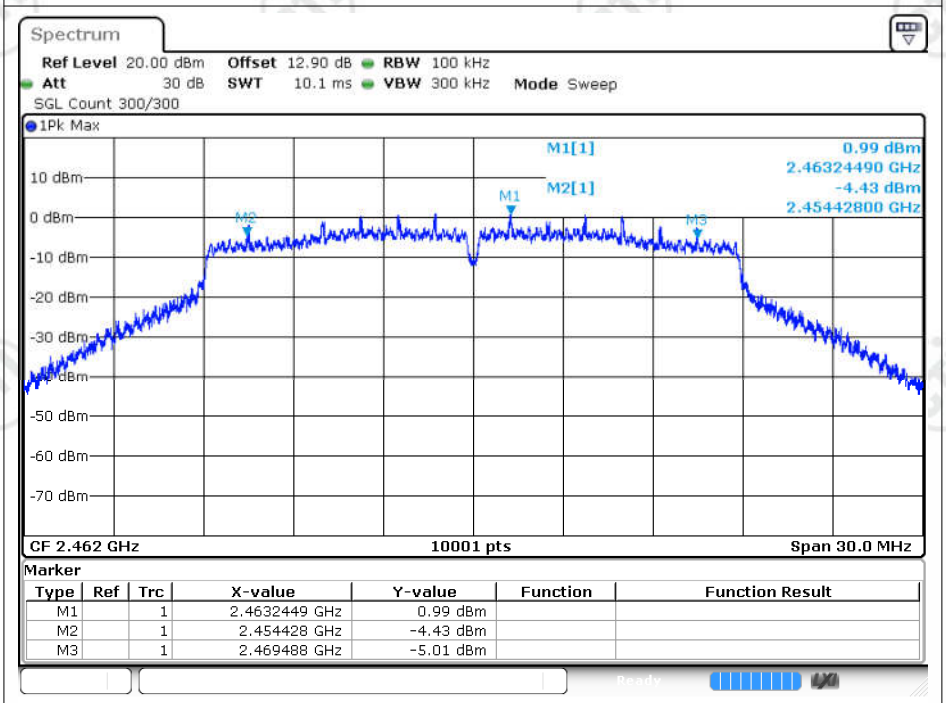
Date: 8.DEC.2023 10:35:07

-6dB Bandwidth NVNT n20 2437MHz Ant1



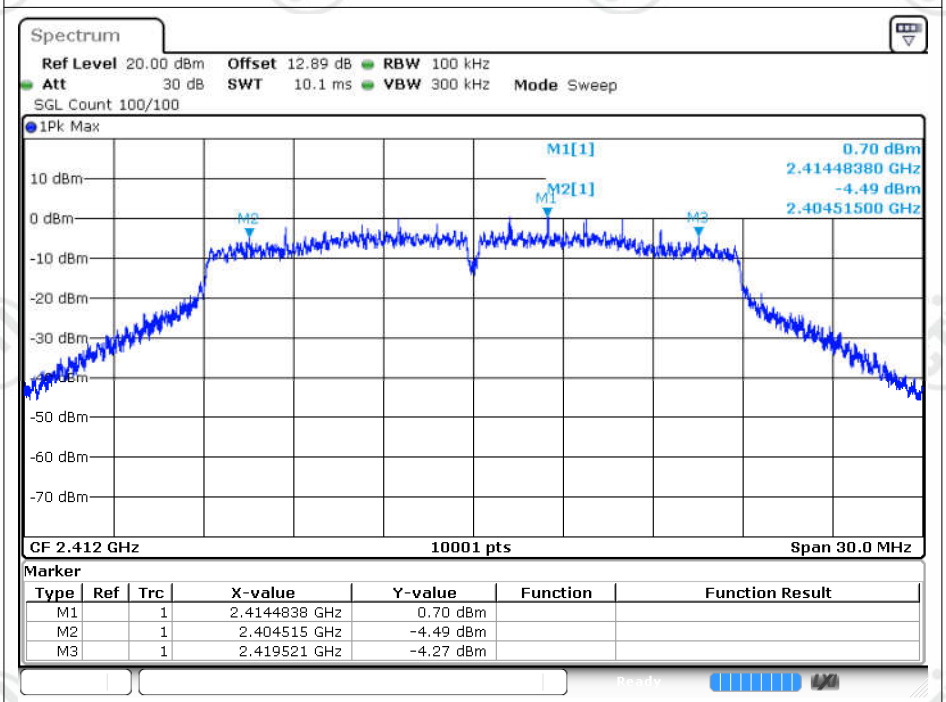
Date: 8.DEC.2023 10:37:00

-6dB Bandwidth NVNT n20 2462MHz Ant1



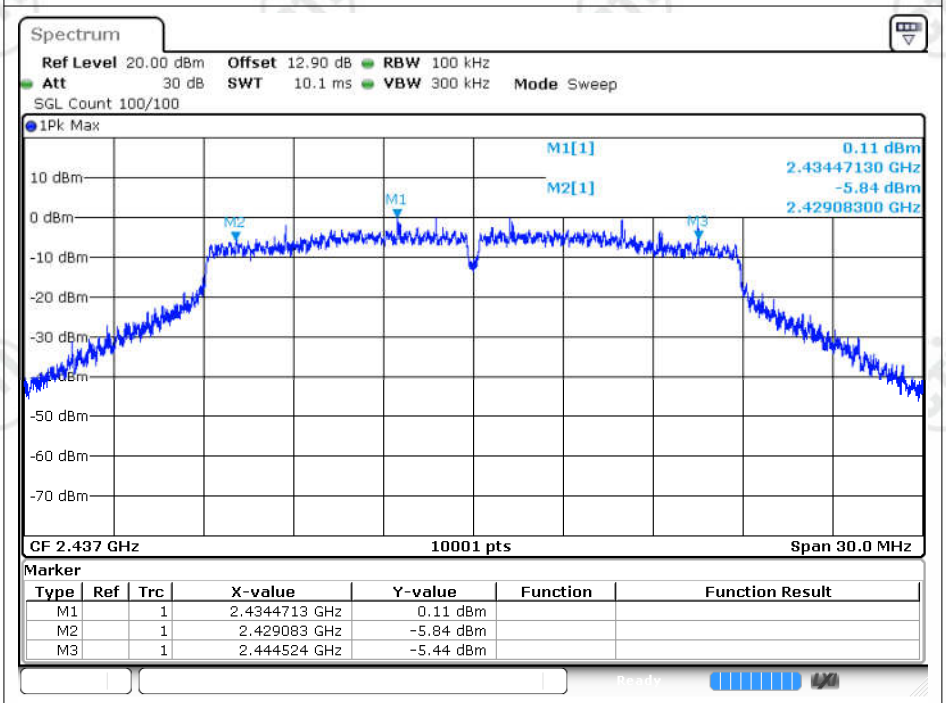
Date: 8.DEC.2023 10:43:06

-6dB Bandwidth NVNT n20 2412MHz Ant2



Date: 8.DEC.2023 11:35:54

-6dB Bandwidth NVNT n20 2437MHz Ant2

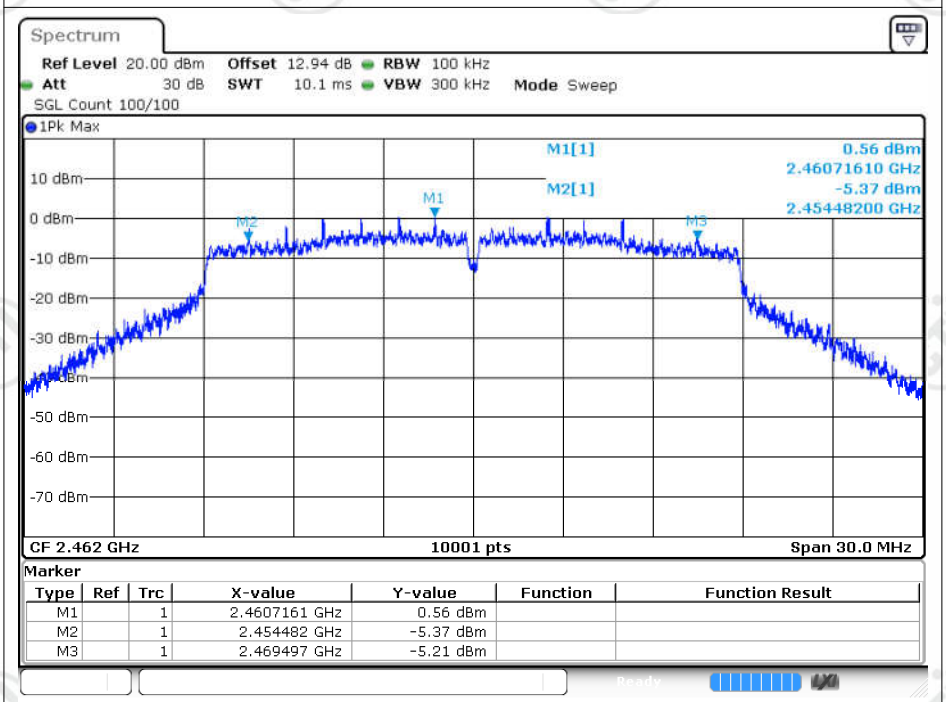


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4344713 GHz	0.11 dBm		
M2		1	2.429083 GHz	-5.84 dBm		
M3		1	2.444524 GHz	-5.44 dBm		

Date: 8.DEC.2023 11:37:37

-6dB Bandwidth NVNT n20 2462MHz Ant2

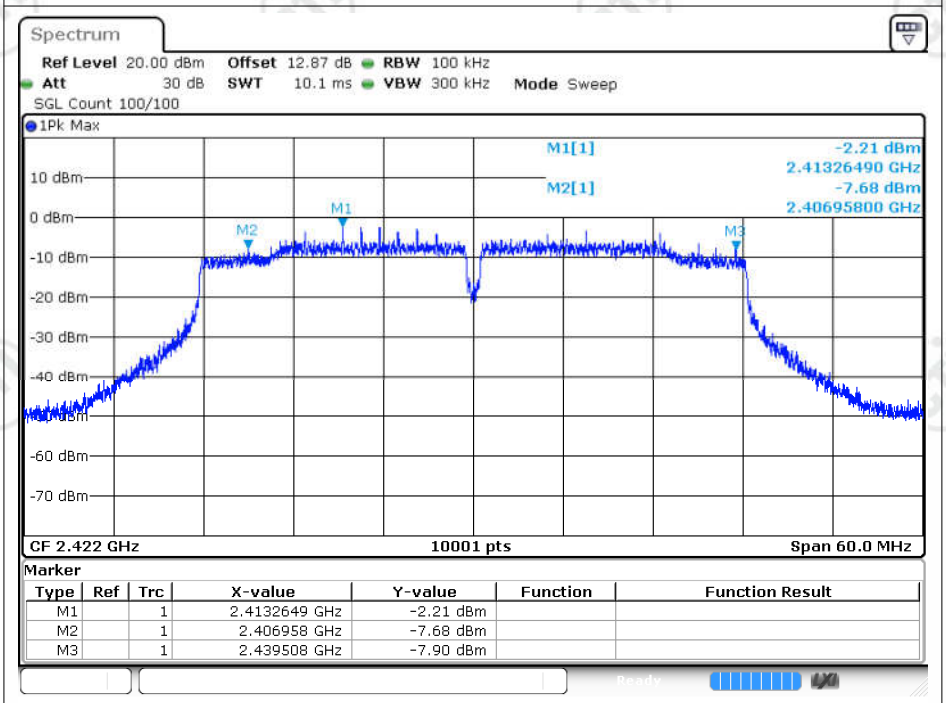


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4607161 GHz	0.56 dBm		
M2		1	2.454482 GHz	-5.37 dBm		
M3		1	2.469497 GHz	-5.21 dBm		

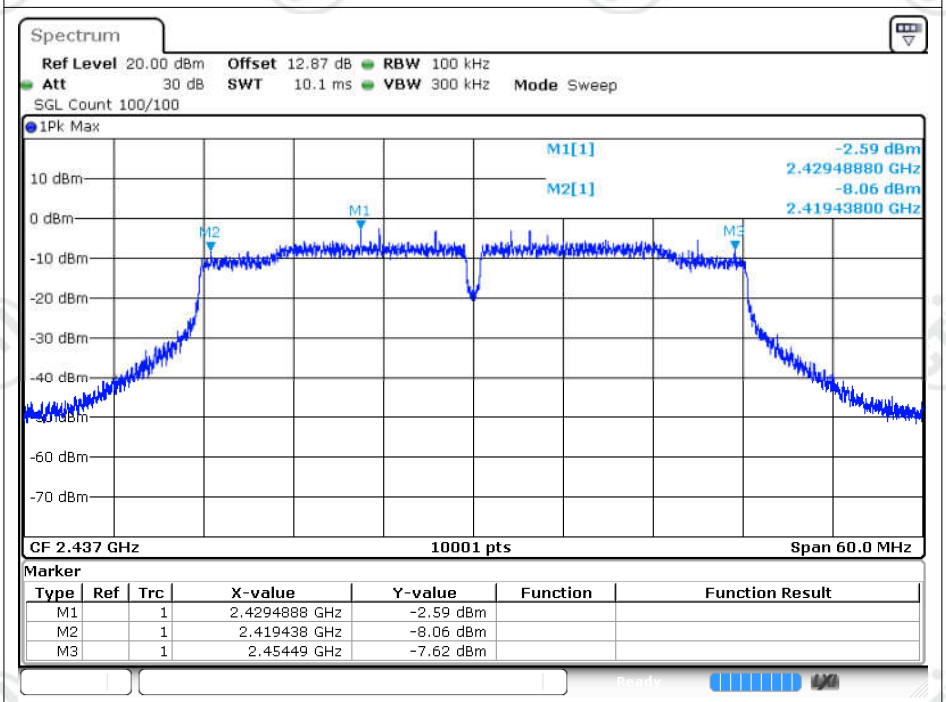
Date: 8.DEC.2023 11:39:08

-6dB Bandwidth NVNT n40 2422MHz Ant1



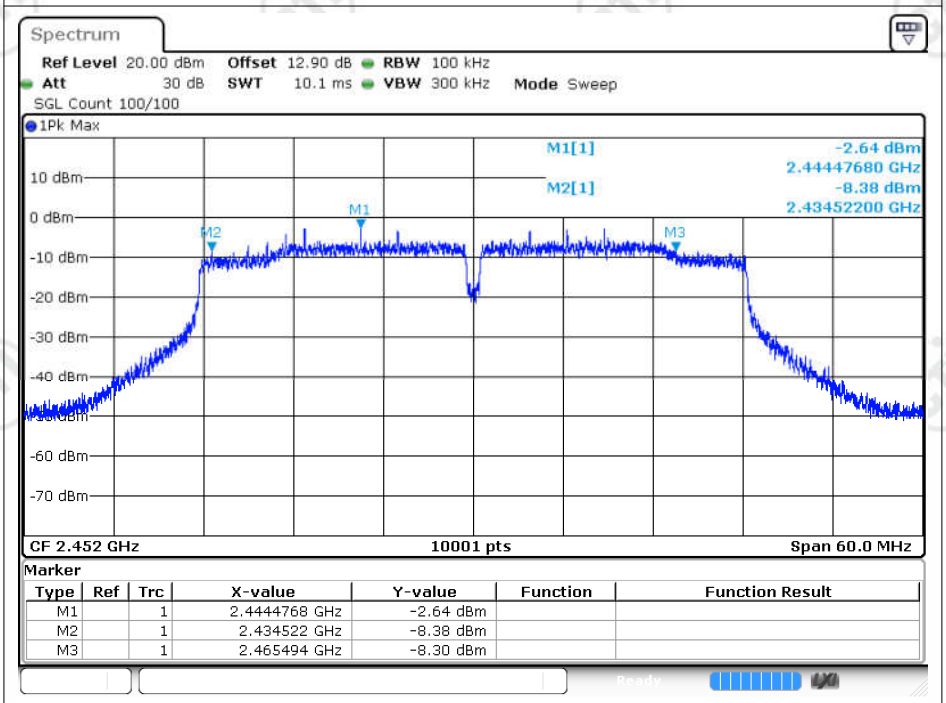
Date: 8.DEC.2023 10:44:52

-6dB Bandwidth NVNT n40 2437MHz Ant1



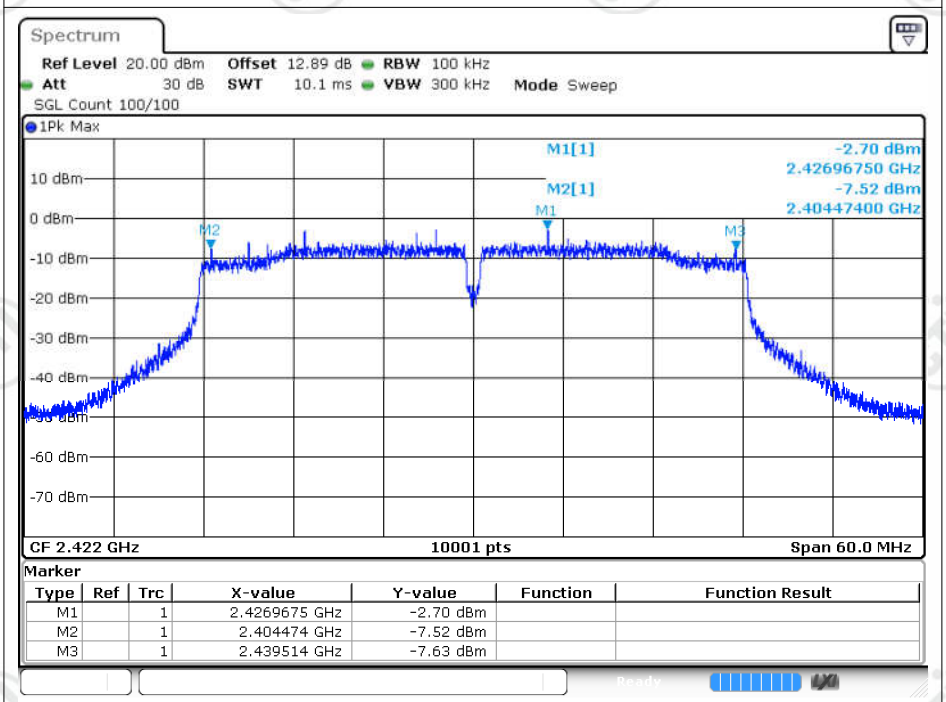
Date: 8.DEC.2023 10:48:57

-6dB Bandwidth NVNT n40 2452MHz Ant1



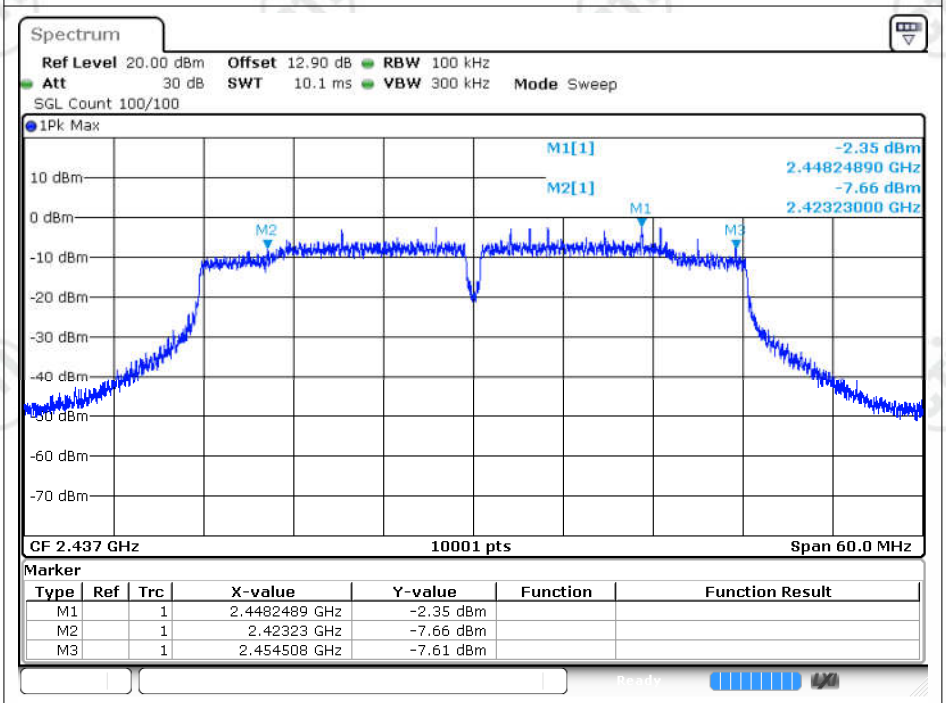
Date: 8.DEC.2023 10:51:28

-6dB Bandwidth NVNT n40 2422MHz Ant2



Date: 8.DEC.2023 11:44:53

-6dB Bandwidth NVNT n40 2437MHz Ant2

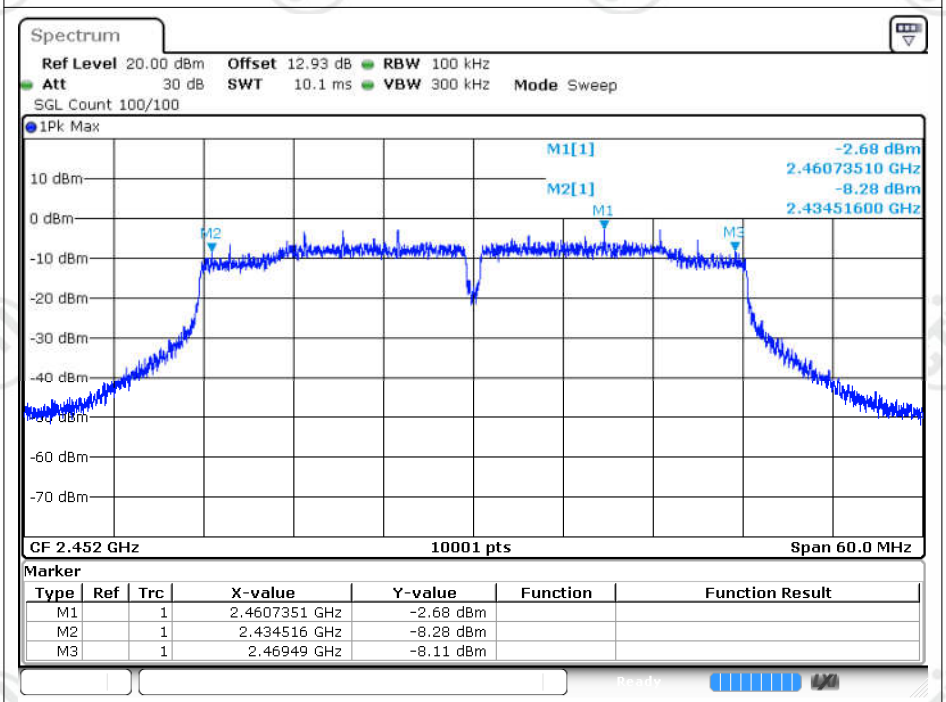


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4482489 GHz	-2.35 dBm		
M2		1	2.42323 GHz	-7.66 dBm		
M3		1	2.454508 GHz	-7.61 dBm		

Date: 8.DEC.2023 12:57:18

-6dB Bandwidth NVNT n40 2452MHz Ant2

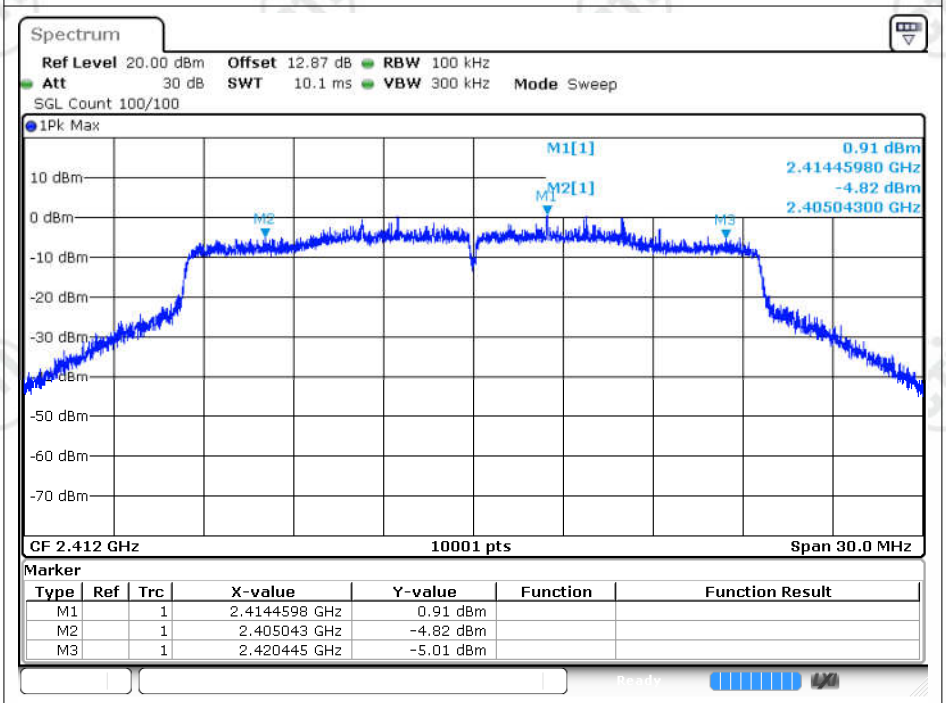


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4607351 GHz	-2.68 dBm		
M2		1	2.434516 GHz	-8.28 dBm		
M3		1	2.46949 GHz	-8.11 dBm		

Date: 8.DEC.2023 13:04:09

-6dB Bandwidth NVNT ax20 2412MHz Ant1

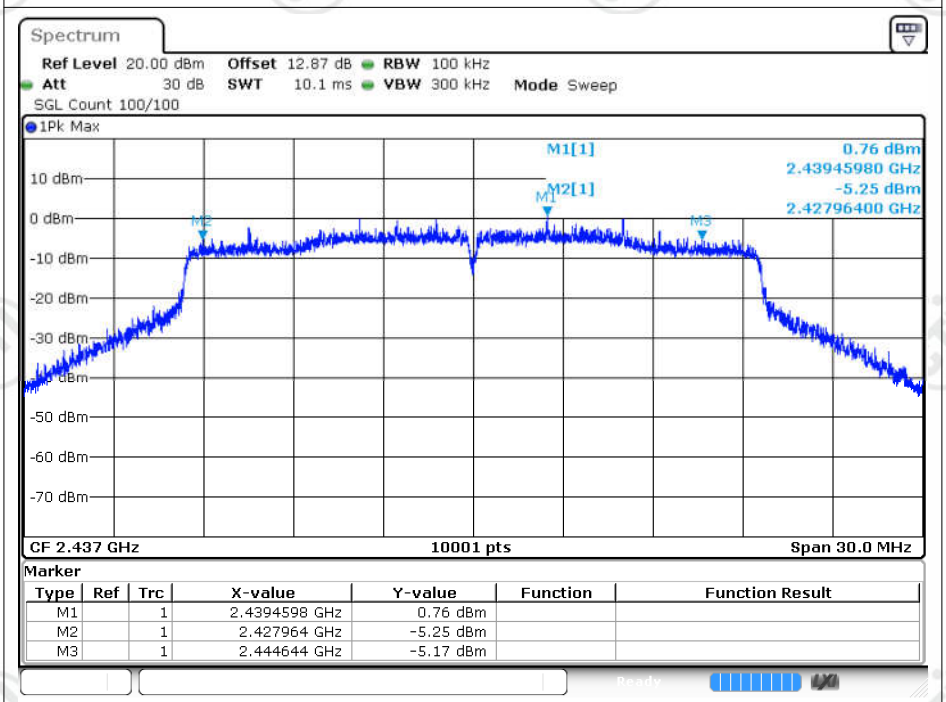


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4144598 GHz	0.91 dBm		
M2		1	2.405043 GHz	-4.82 dBm		
M3		1	2.420445 GHz	-5.01 dBm		

Date: 8.DEC.2023 10:57:50

-6dB Bandwidth NVNT ax20 2437MHz Ant1

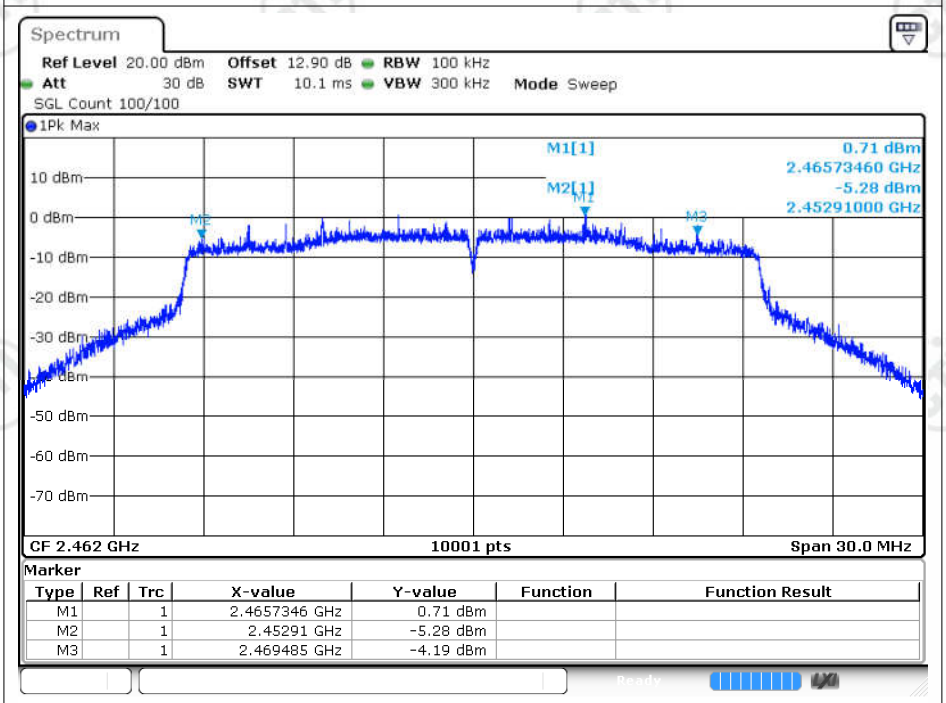


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4394598 GHz	0.76 dBm		
M2		1	2.427964 GHz	-5.25 dBm		
M3		1	2.444644 GHz	-5.17 dBm		

Date: 8.DEC.2023 10:59:43

-6dB Bandwidth NVNT ax20 2462MHz Ant1

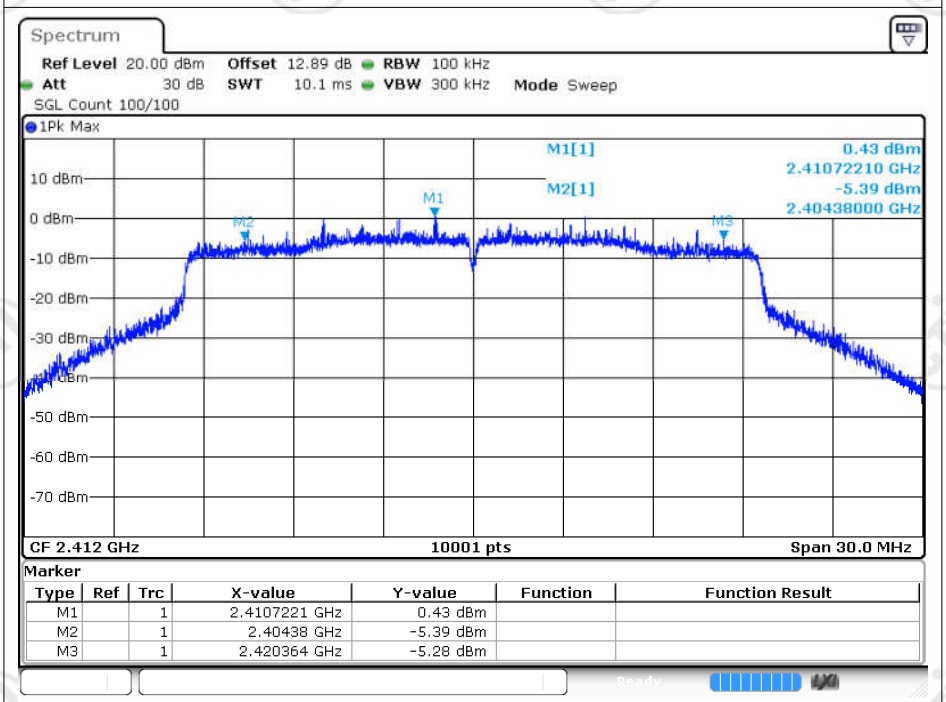


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4657346 GHz	0.71 dBm		
M2		1	2.45291 GHz	-5.28 dBm		
M3		1	2.469485 GHz	-4.19 dBm		

Date: 8.DEC.2023 11:01:15

-6dB Bandwidth NVNT ax20 2412MHz Ant2

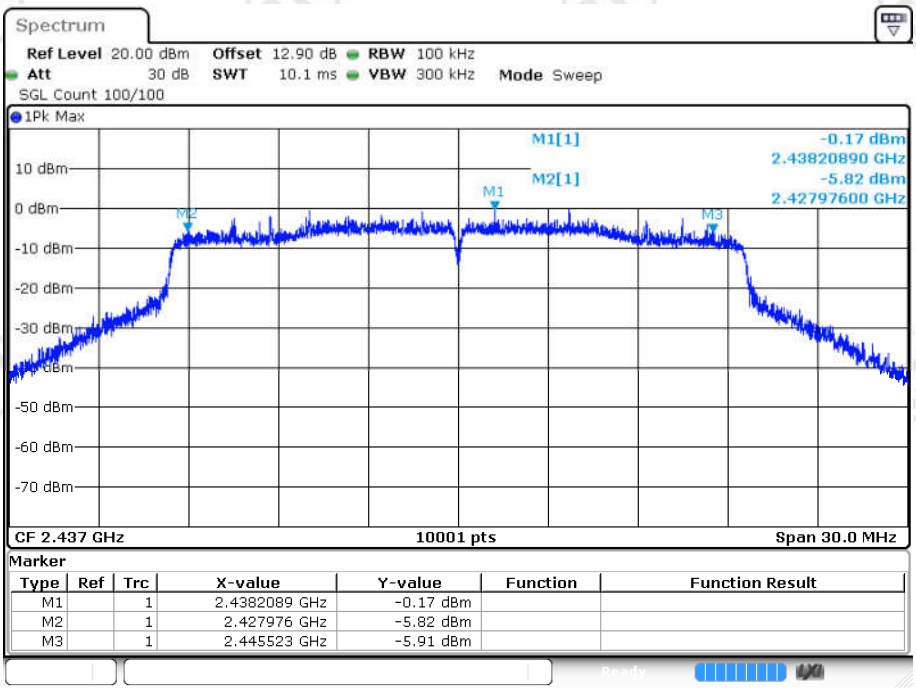


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4107221 GHz	0.43 dBm		
M2		1	2.40438 GHz	-5.39 dBm		
M3		1	2.420364 GHz	-5.28 dBm		

Date: 8.DEC.2023 13:06:27

-6dB Bandwidth NVNT ax20 2437MHz Ant2

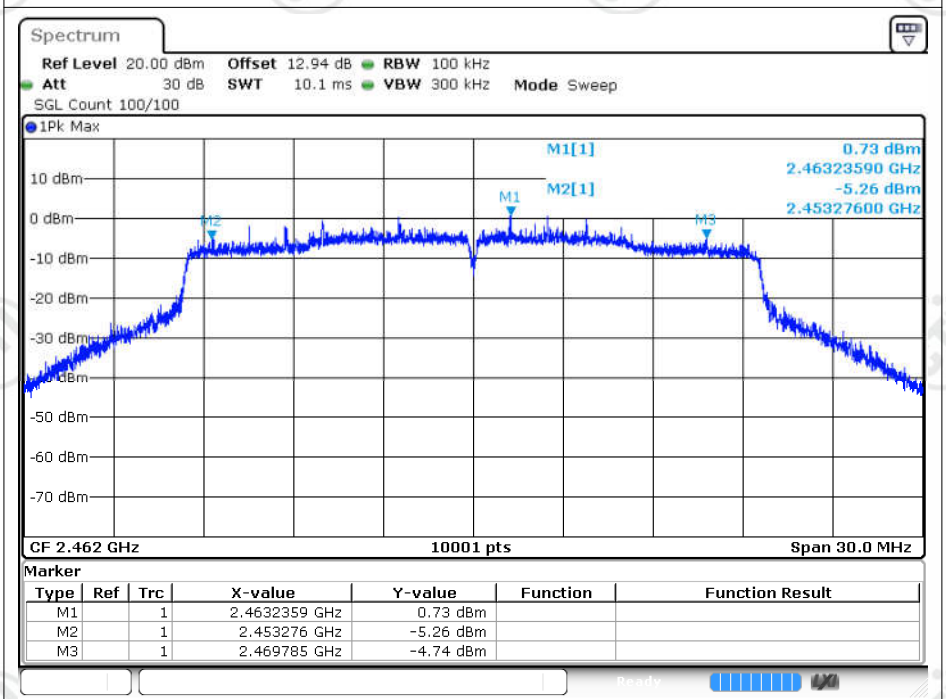


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4382089 GHz	-0.17 dBm		
M2		1	2.427976 GHz	-5.82 dBm		
M3		1	2.445523 GHz	-5.91 dBm		

Date: 8.DEC.2023 13:12:19

-6dB Bandwidth NVNT ax20 2462MHz Ant2

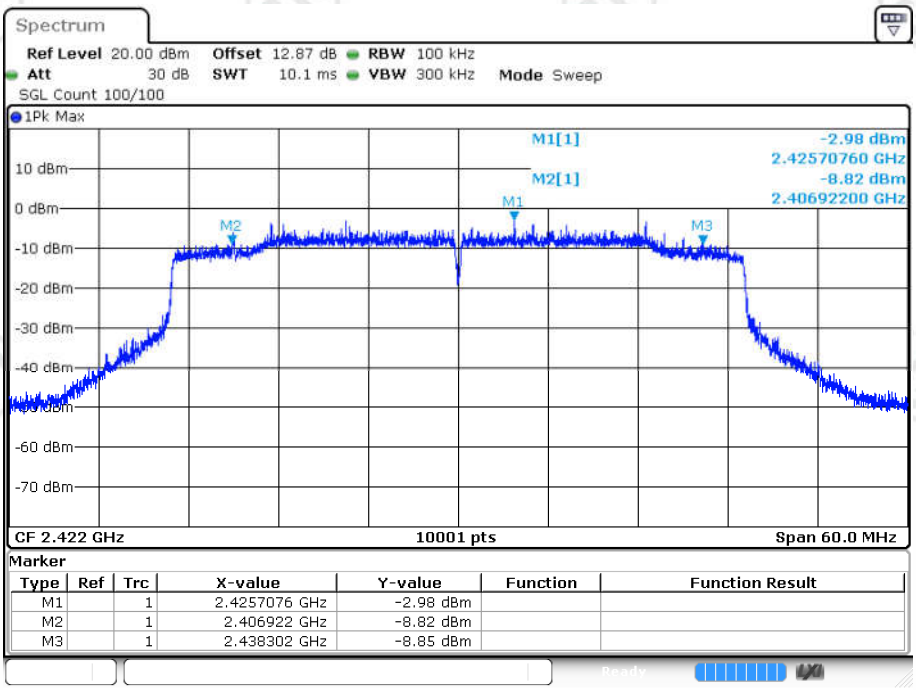


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4632359 GHz	0.73 dBm		
M2		1	2.453276 GHz	-5.26 dBm		
M3		1	2.469785 GHz	-4.74 dBm		

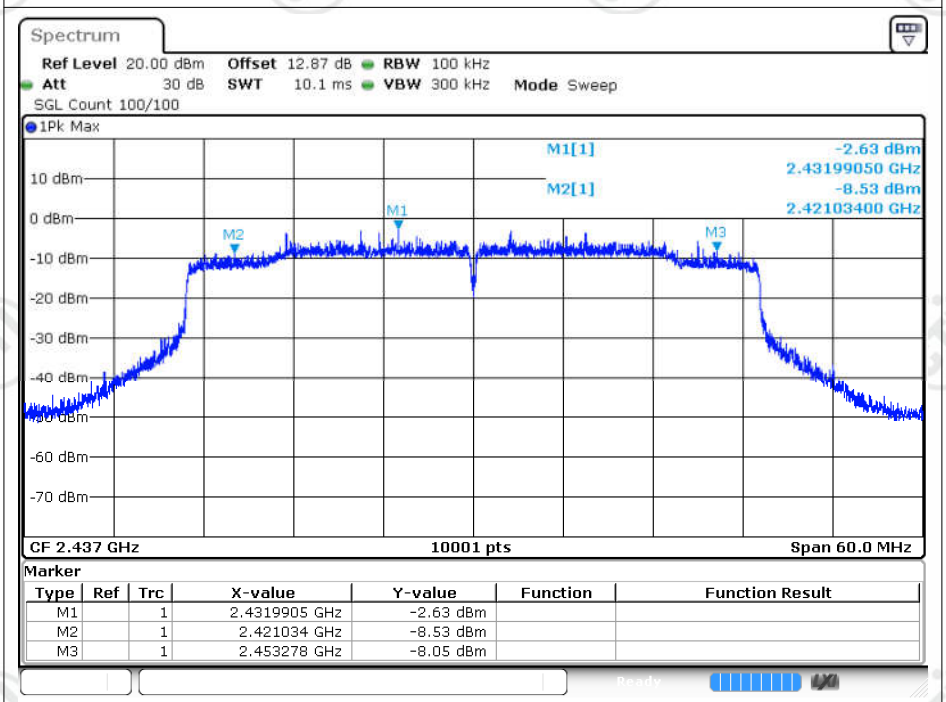
Date: 8.DEC.2023 13:14:07

-6dB Bandwidth NVNT ax40 2422MHz Ant1



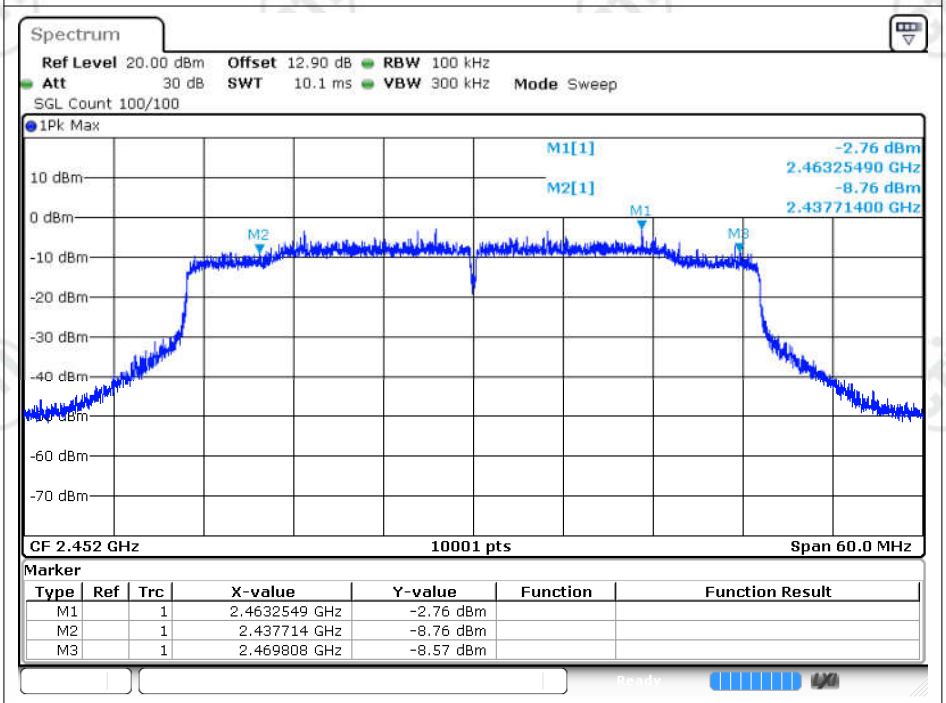
Date: 8.DEC.2023 11:02:59

-6dB Bandwidth NVNT ax40 2437MHz Ant1



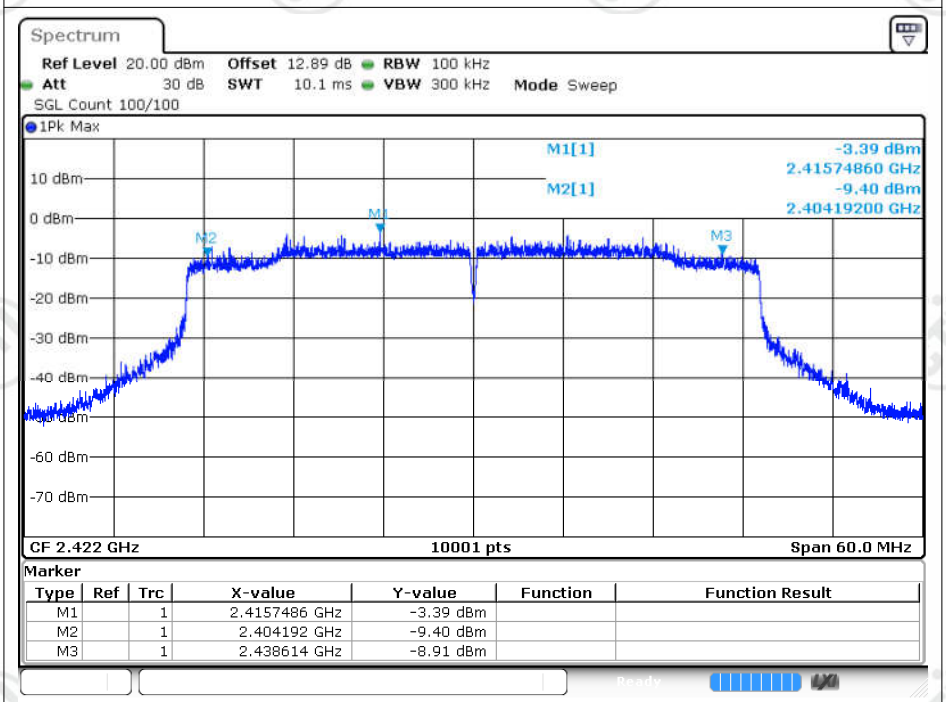
Date: 8.DEC.2023 11:05:29

-6dB Bandwidth NVNT ax40 2452MHz Ant1



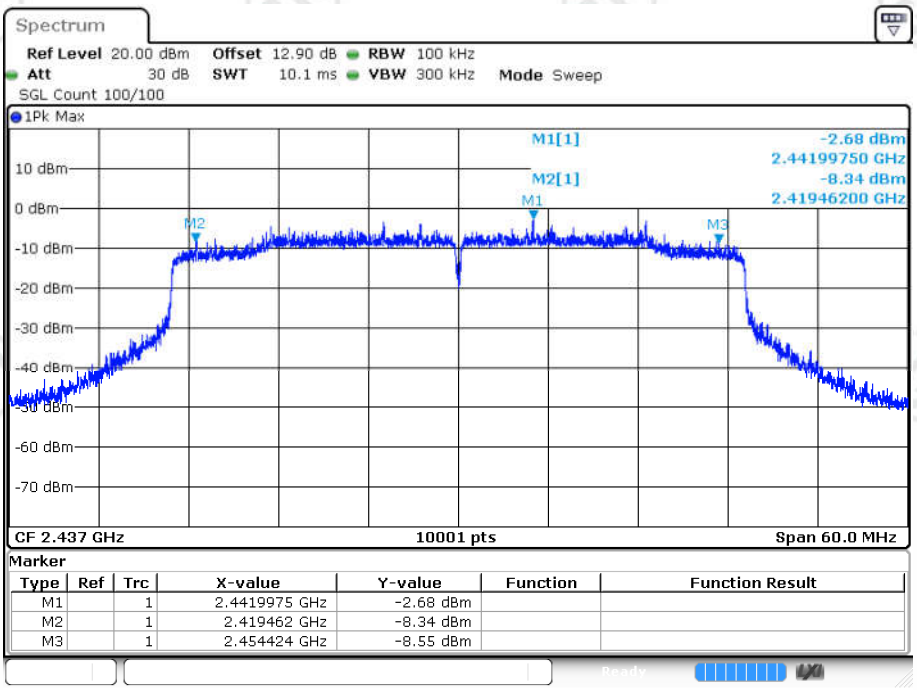
Date: 8.DEC.2023 11:08:00

-6dB Bandwidth NVNT ax40 2422MHz Ant2



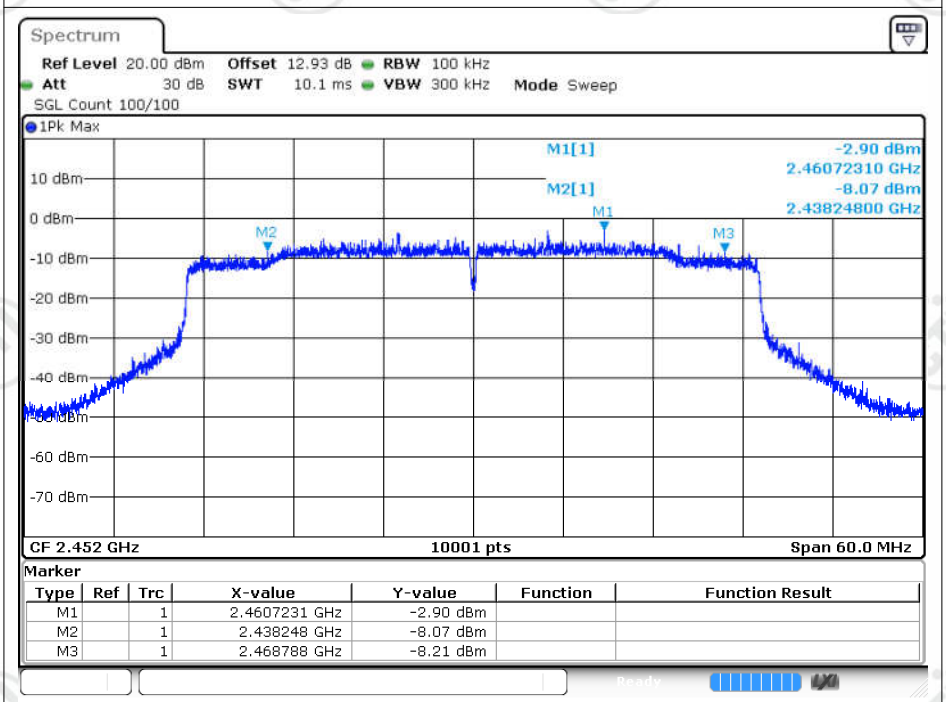
Date: 8.DEC.2023 13:15:50

-6dB Bandwidth NVNT ax40 2437MHz Ant2



Date: 8.DEC.2023 13:20:23

-6dB Bandwidth NVNT ax40 2452MHz Ant2



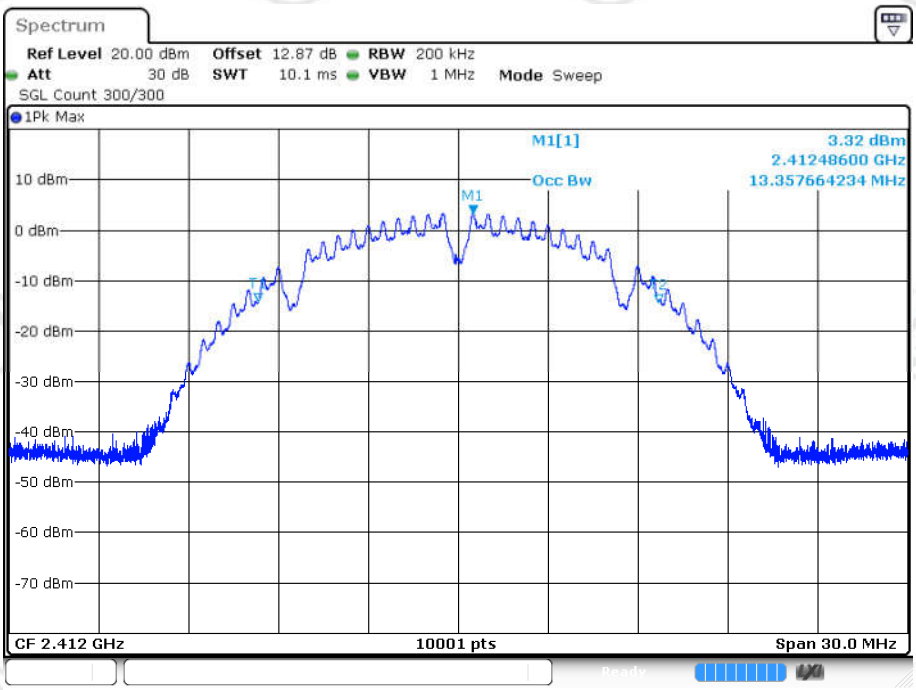
Date: 8.DEC.2023 13:33:26

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.358
NVNT	b	2437	Ant1	13.37
NVNT	b	2462	Ant1	13.382
NVNT	b	2412	Ant2	13.346
NVNT	b	2437	Ant2	13.265
NVNT	b	2462	Ant2	13.334
NVNT	g	2412	Ant1	16.651
NVNT	g	2437	Ant1	16.639
NVNT	g	2462	Ant1	16.657
NVNT	g	2412	Ant2	16.594
NVNT	g	2437	Ant2	16.606
NVNT	g	2462	Ant2	16.624
NVNT	n20	2412	Ant1	17.713
NVNT	n20	2437	Ant1	17.713
NVNT	n20	2462	Ant1	17.737
NVNT	n20	2412	Ant2	17.707
NVNT	n20	2437	Ant2	17.704
NVNT	n20	2462	Ant2	17.719
NVNT	n40	2422	Ant1	35.954
NVNT	n40	2437	Ant1	35.954
NVNT	n40	2452	Ant1	35.954
NVNT	n40	2422	Ant2	35.972
NVNT	n40	2437	Ant2	35.966
NVNT	n40	2452	Ant2	35.96
NVNT	ax20	2412	Ant1	18.874
NVNT	ax20	2437	Ant1	18.88
NVNT	ax20	2462	Ant1	18.88
NVNT	ax20	2412	Ant2	18.874
NVNT	ax20	2437	Ant2	18.886
NVNT	ax20	2462	Ant2	18.88
NVNT	ax40	2422	Ant1	37.388
NVNT	ax40	2437	Ant1	37.442
NVNT	ax40	2452	Ant1	37.406
NVNT	ax40	2422	Ant2	37.382
NVNT	ax40	2437	Ant2	37.43
NVNT	ax40	2452	Ant2	37.436

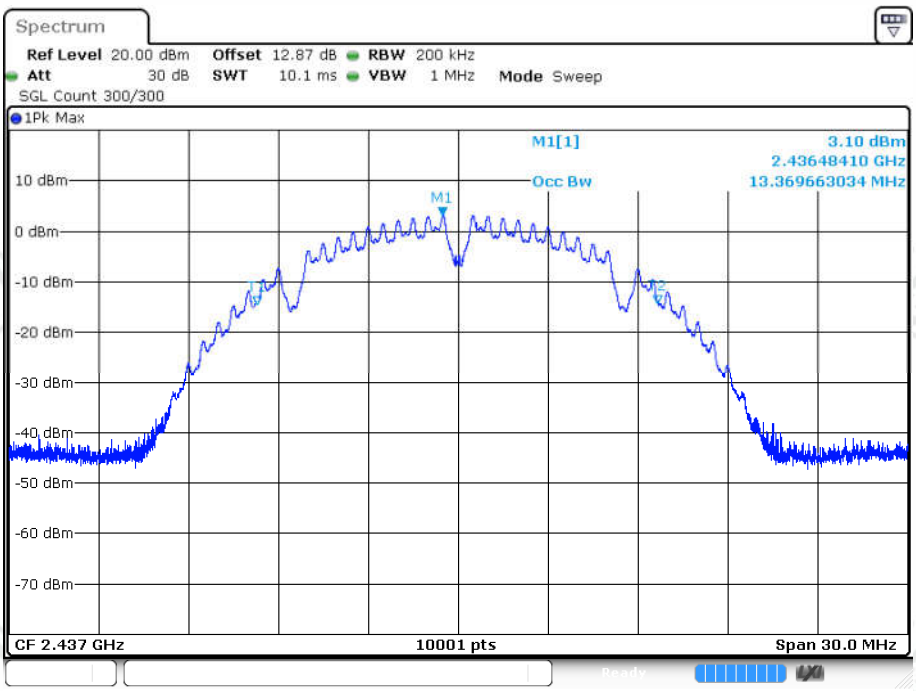
Test Graphs

OBW NVNT b 2412MHz Ant1



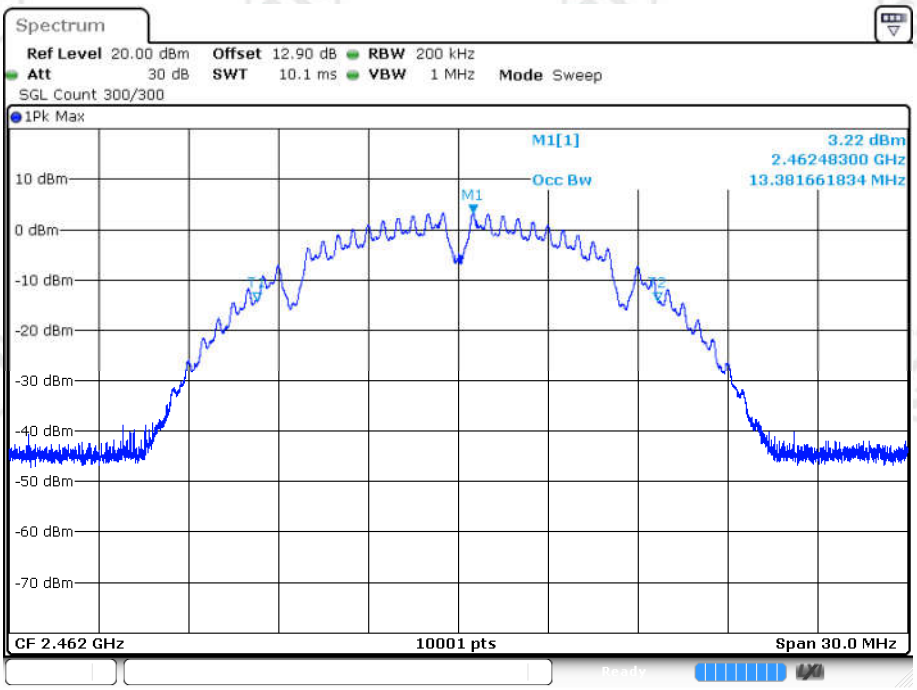
Date: 8.DEC.2023 10:22:08

OBW NVNT b 2437MHz Ant1



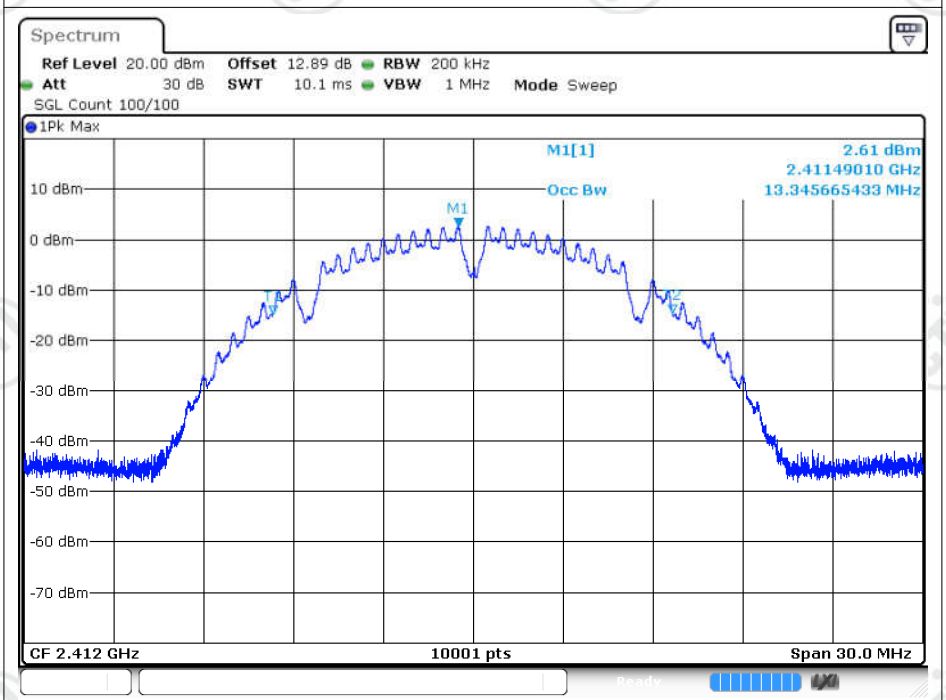
Date: 8.DEC.2023 10:24:04

OBW NVNT b 2462MHz Ant1



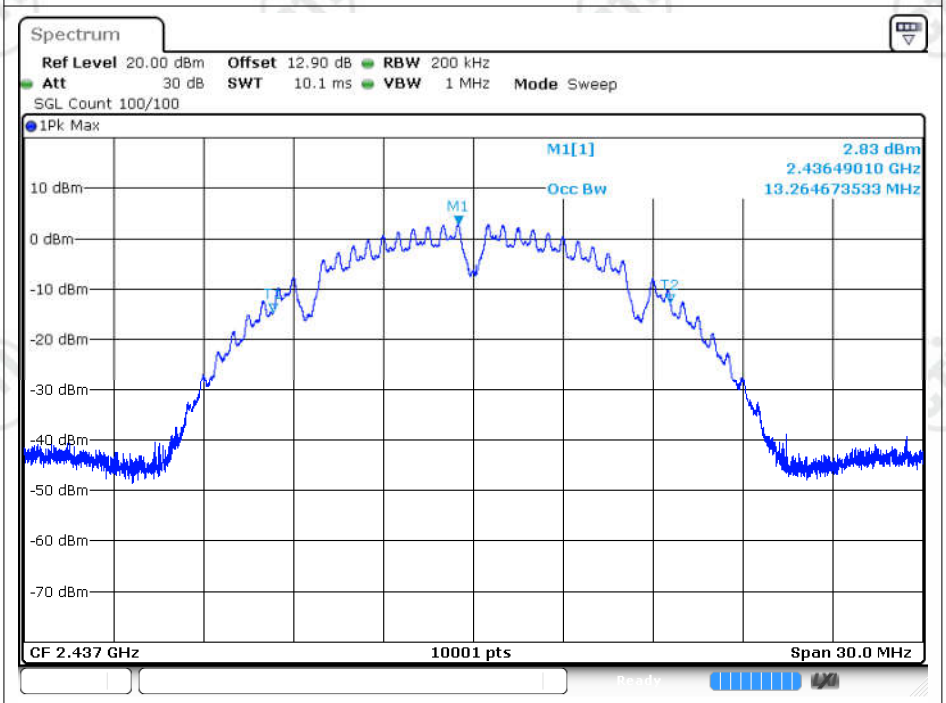
Date: 8.DEC.2023 10:26:01

OBW NVNT b 2412MHz Ant2



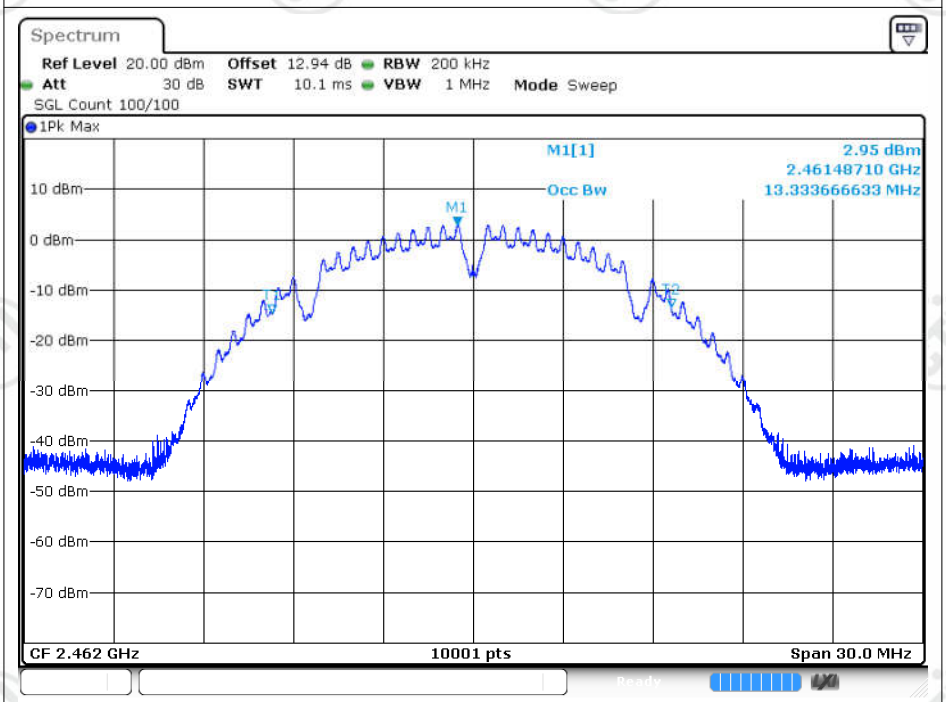
Date: 8.DEC.2023 11:11:13

OBW NVNT b 2437MHz Ant2



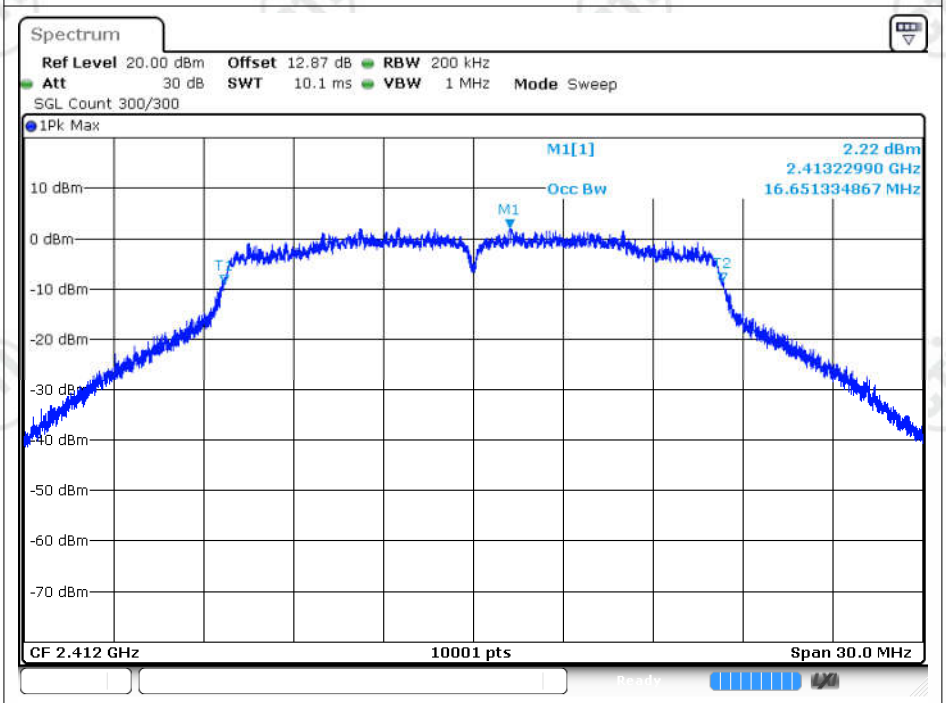
Date: 8.DEC.2023 11:13:30

OBW NVNT b 2462MHz Ant2



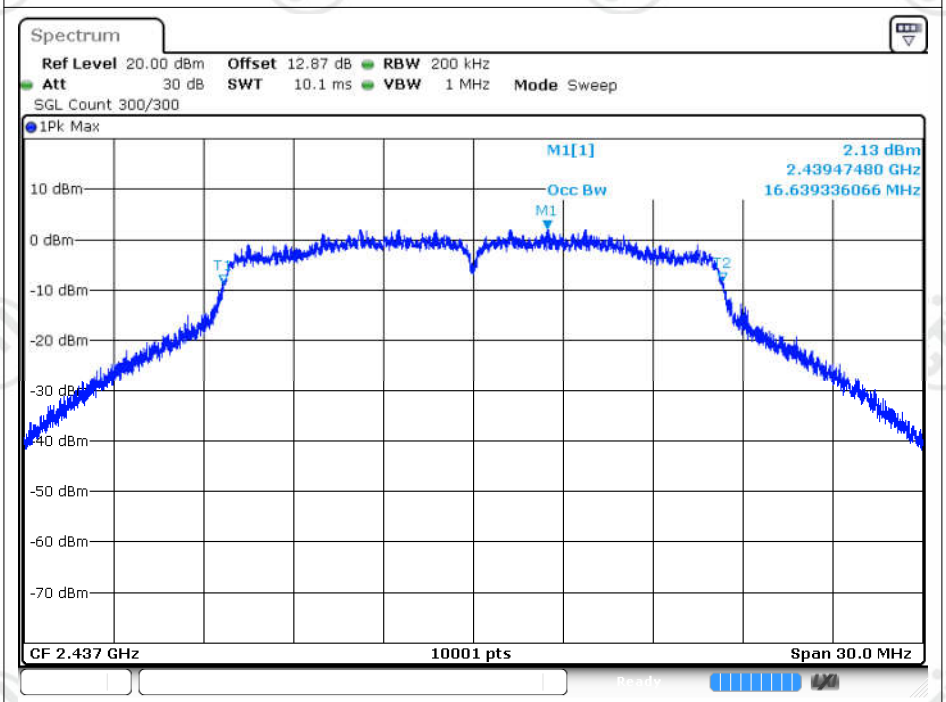
Date: 8.DEC.2023 11:14:53

OBW NVNT g 2412MHz Ant1



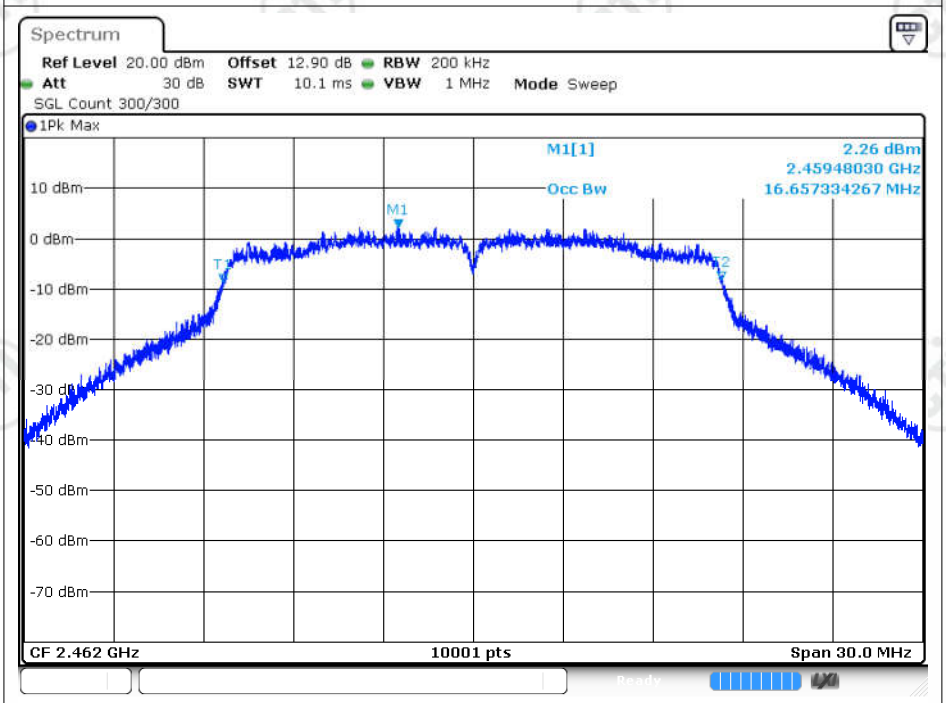
Date: 8.DEC.2023 10:28:29

OBW NVNT g 2437MHz Ant1



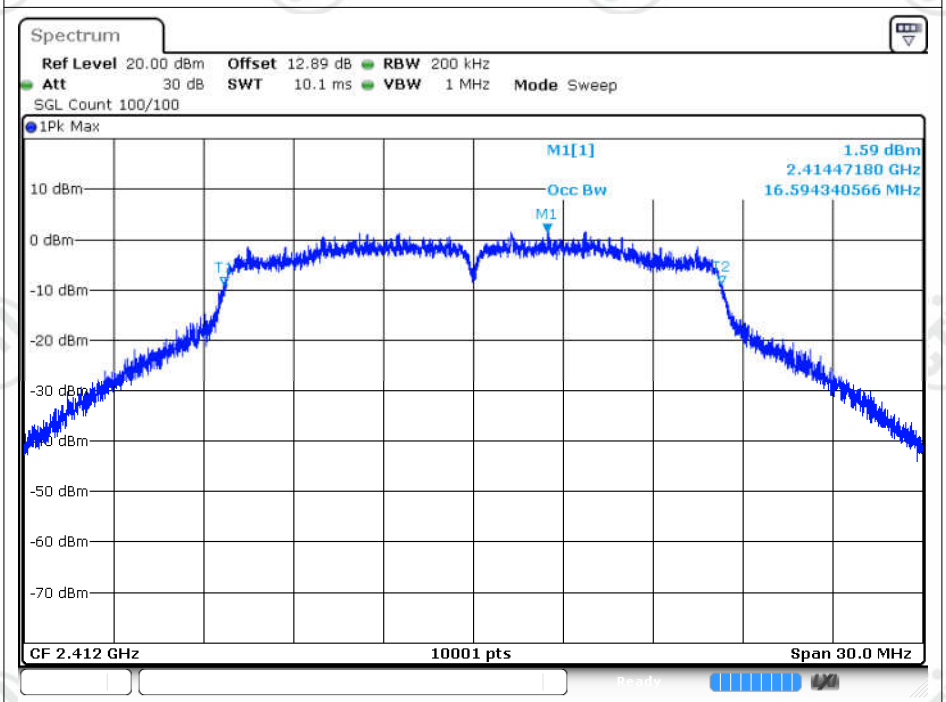
Date: 8.DEC.2023 10:30:15

OBW NVNT g 2462MHz Ant1



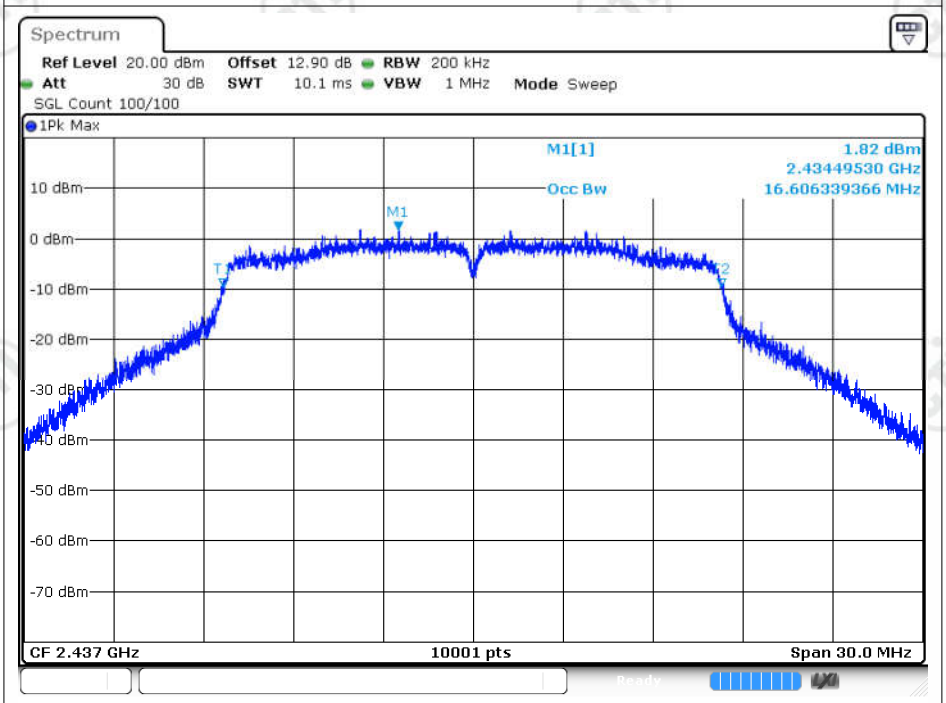
Date: 8.DEC.2023 10:31:58

OBW NVNT g 2412MHz Ant2



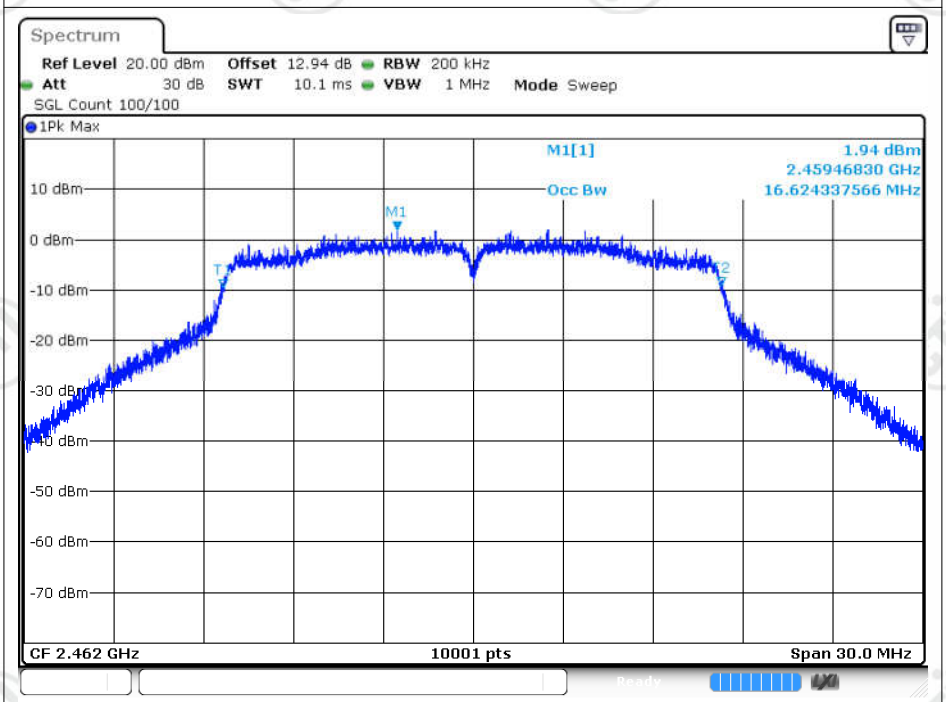
Date: 8.DEC.2023 11:17:51

OBW NVNT g 2437MHz Ant2



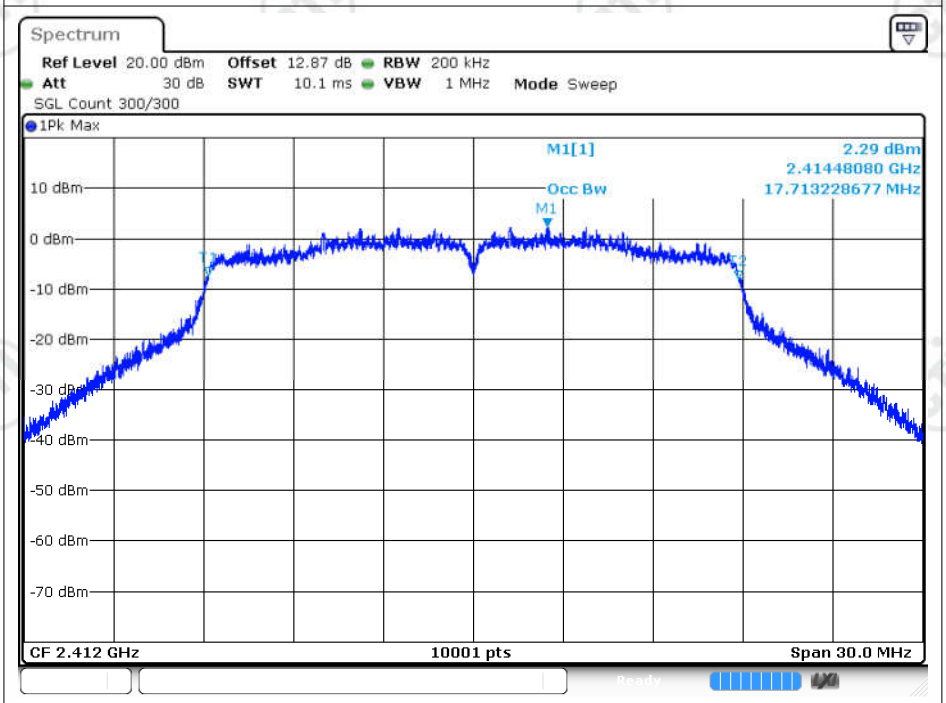
Date: 8.DEC.2023 11:23:26

OBW NVNT g 2462MHz Ant2



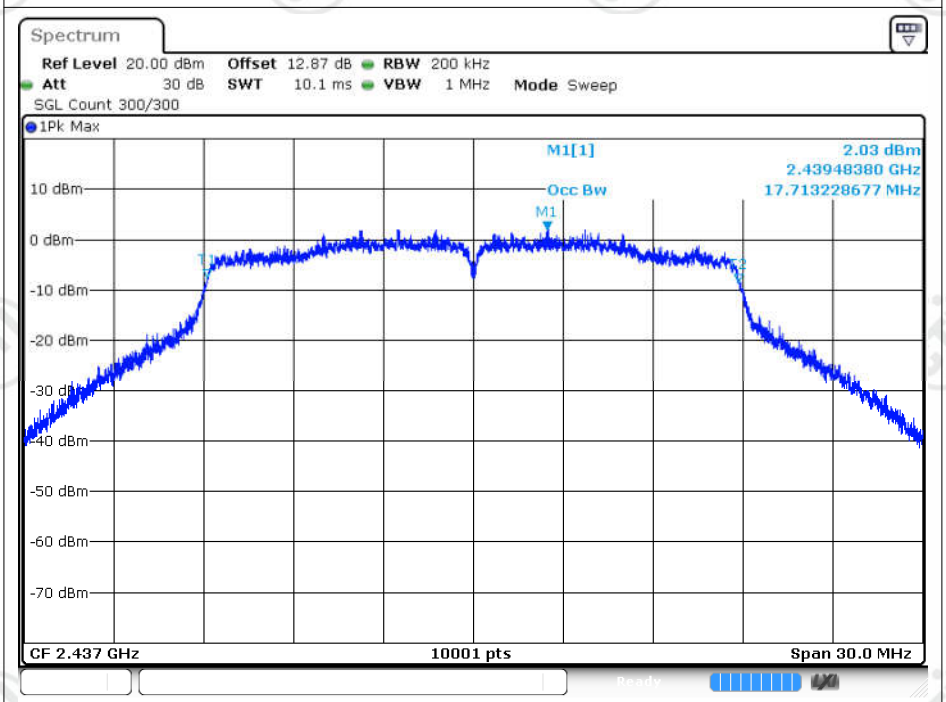
Date: 8.DEC.2023 11:28:19

OBW NVNT n20 2412MHz Ant1



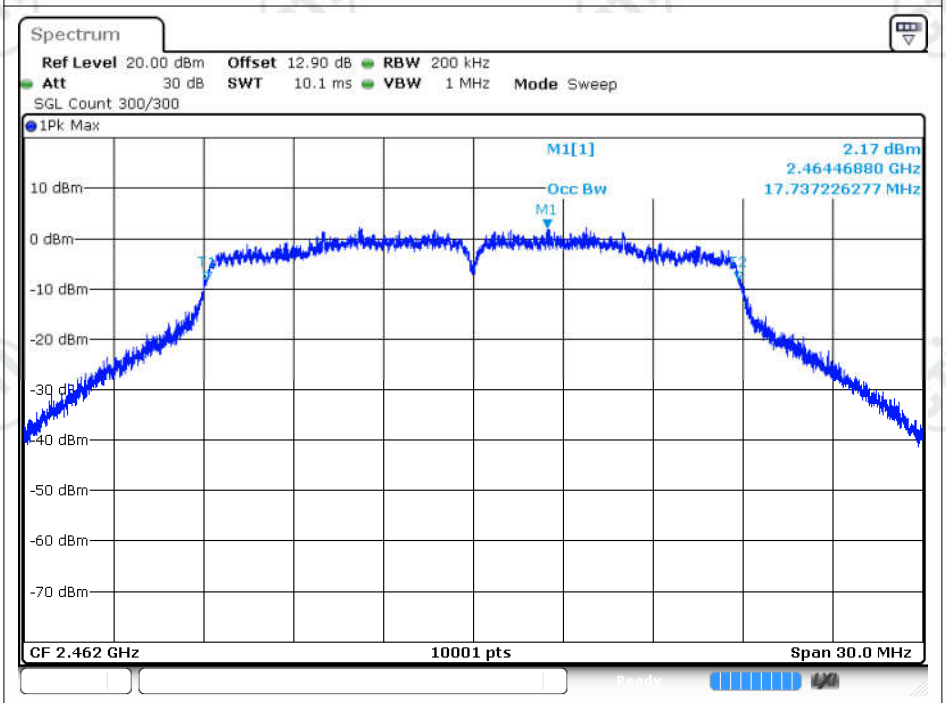
Date: 8.DEC.2023 10:34:56

OBW NVNT n20 2437MHz Ant1



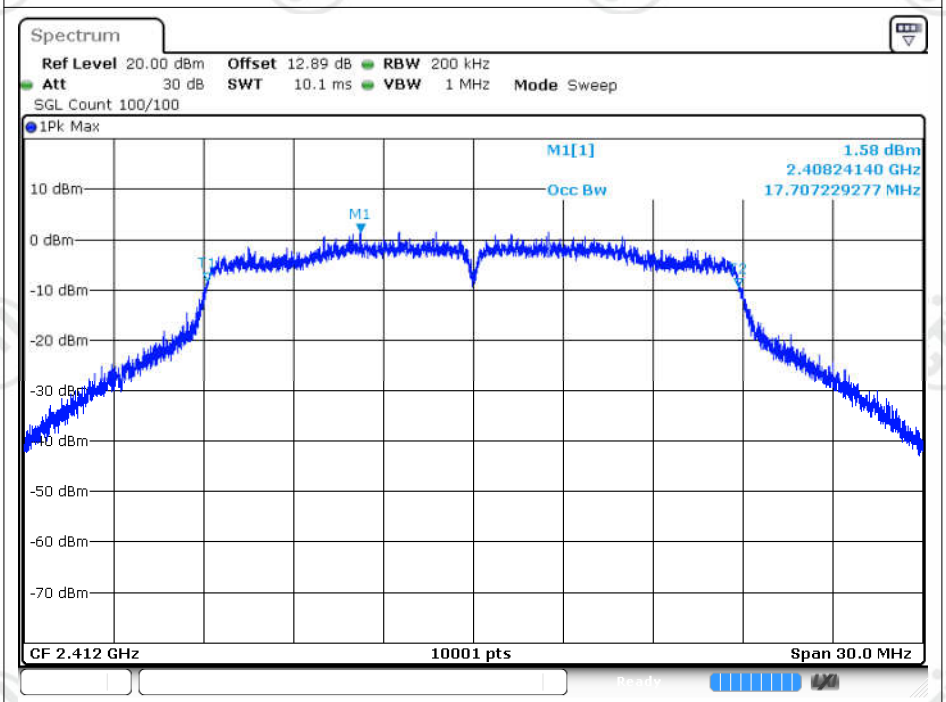
Date: 8.DEC.2023 10:36:48

OBW NVNT n20 2462MHz Ant1



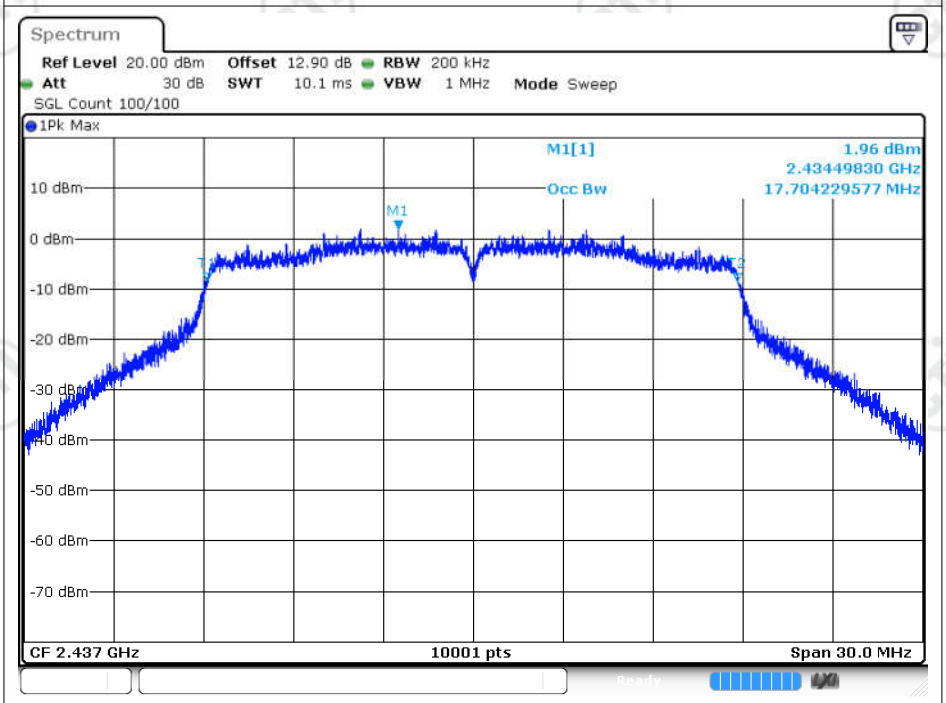
Date: 8.DEC.2023 10:42:53

OBW NVNT n20 2412MHz Ant2



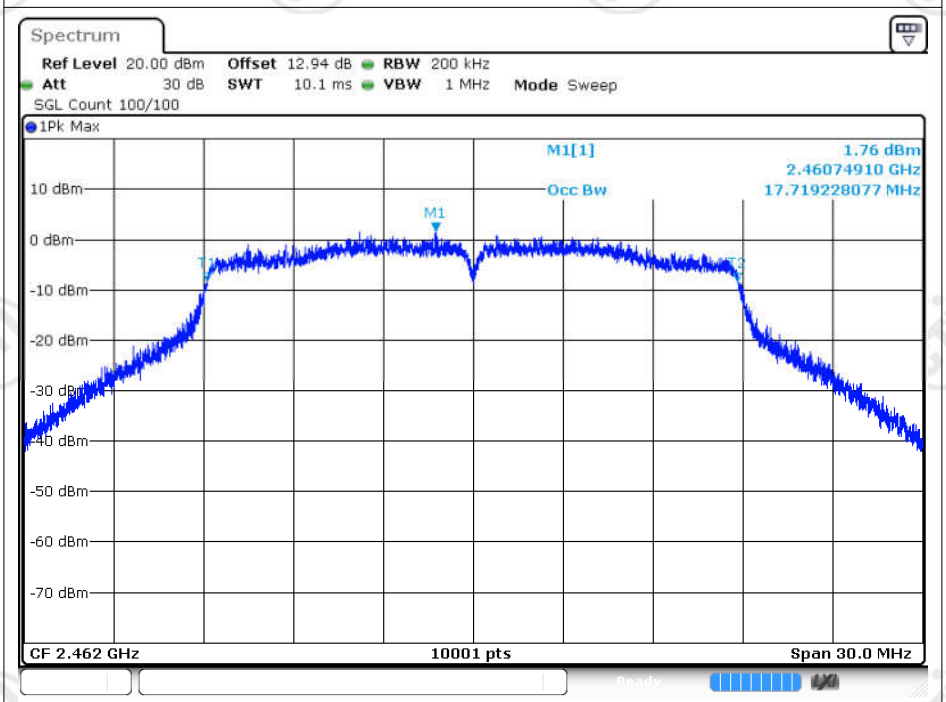
Date: 8.DEC.2023 11:35:20

OBW NVNT n20 2437MHz Ant2



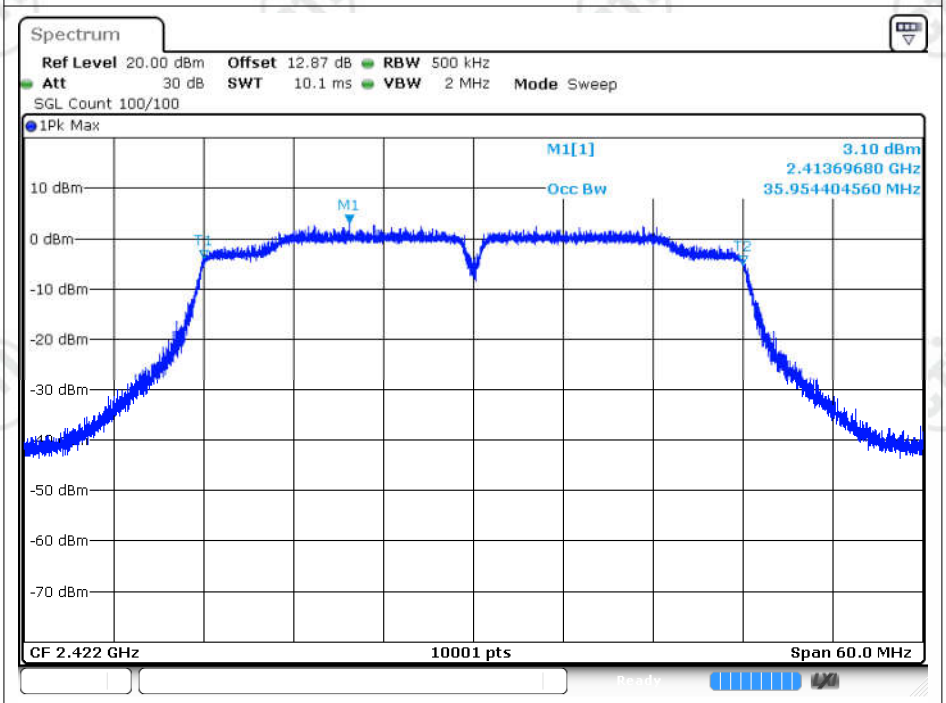
Date: 8.DEC.2023 11:37:30

OBW NVNT n20 2462MHz Ant2



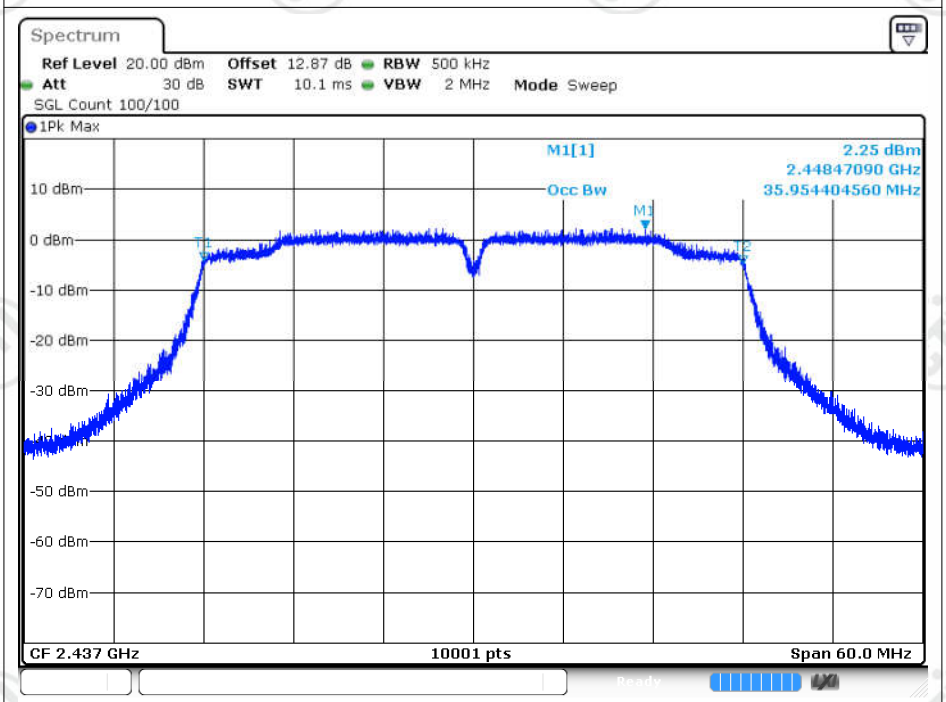
Date: 8.DEC.2023 11:39:00

OBW NVNT n40 2422MHz Ant1



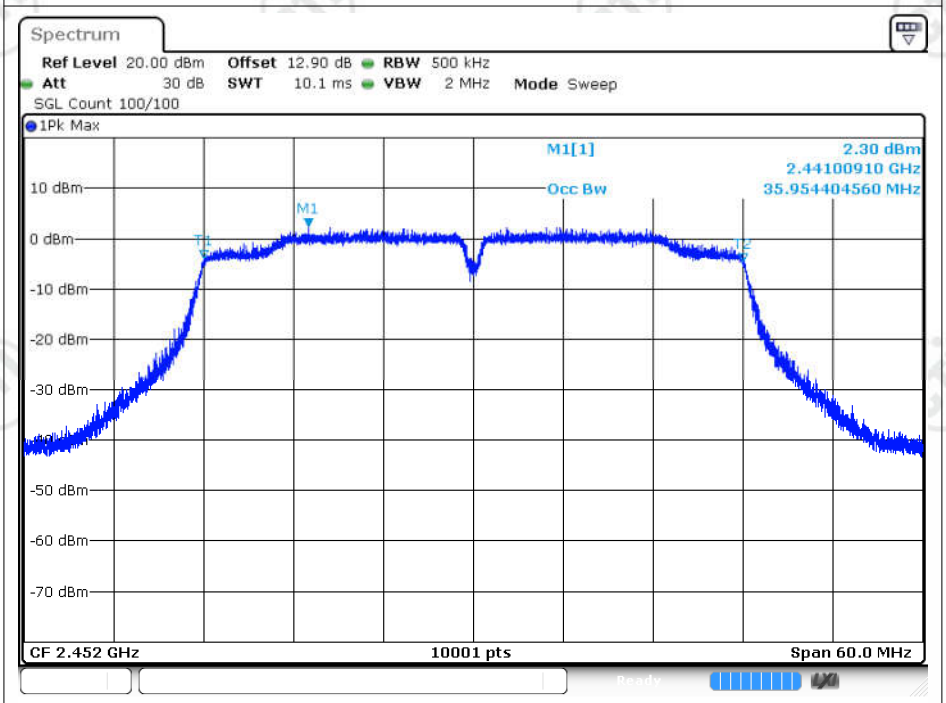
Date: 8.DEC.2023 10:44:46

OBW NVNT n40 2437MHz Ant1



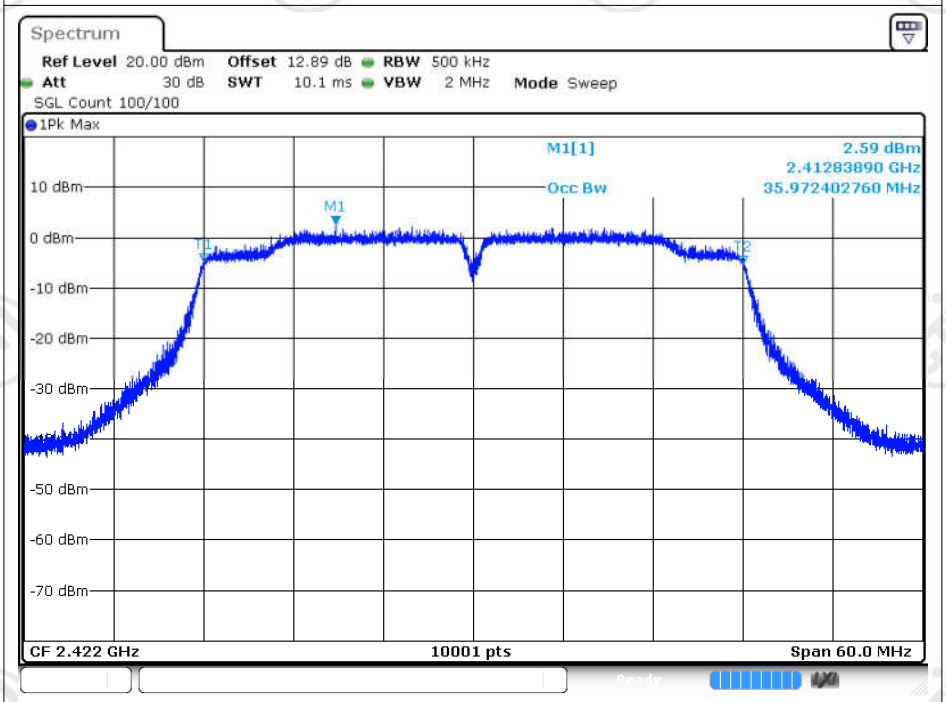
Date: 8.DEC.2023 10:48:51

OBW NVNT n40 2452MHz Ant1



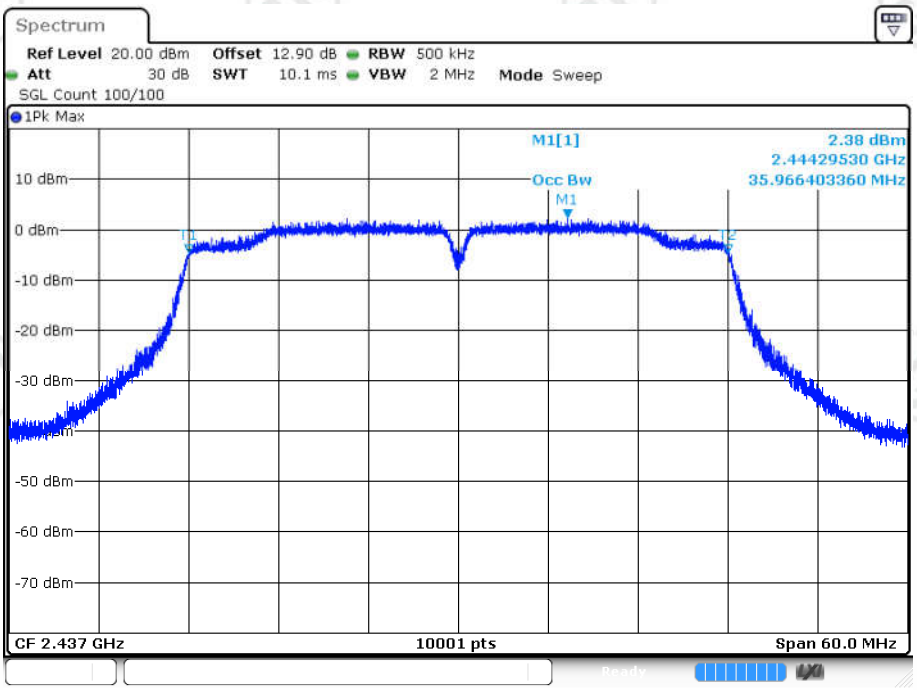
Date: 8.DEC.2023 10:51:22

OBW NVNT n40 2422MHz Ant2



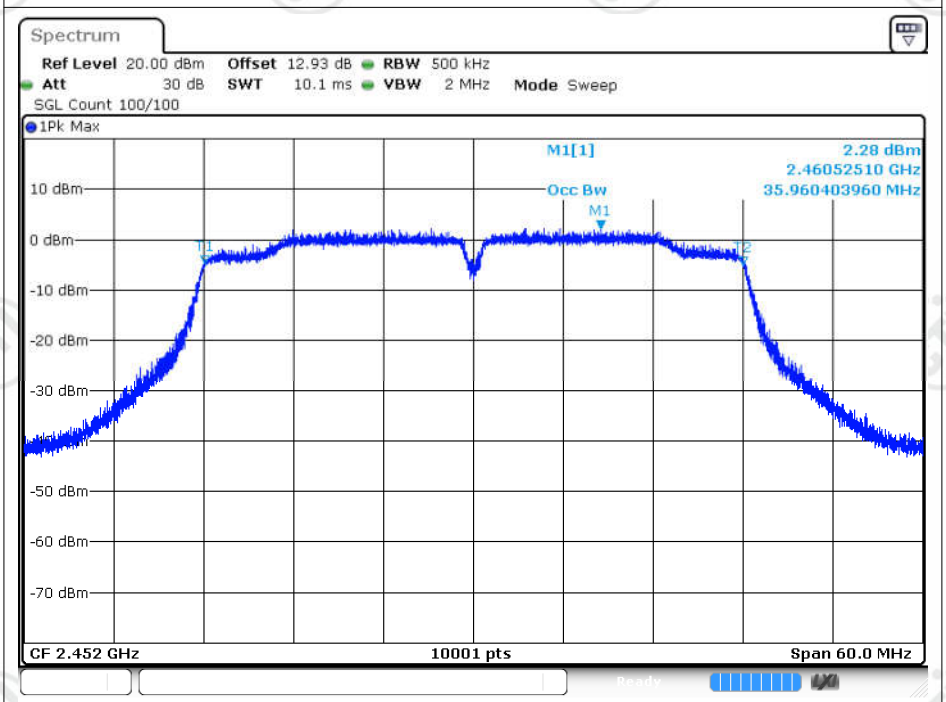
Date: 8.DEC.2023 11:44:47

OBW NVNT n40 2437MHz Ant2



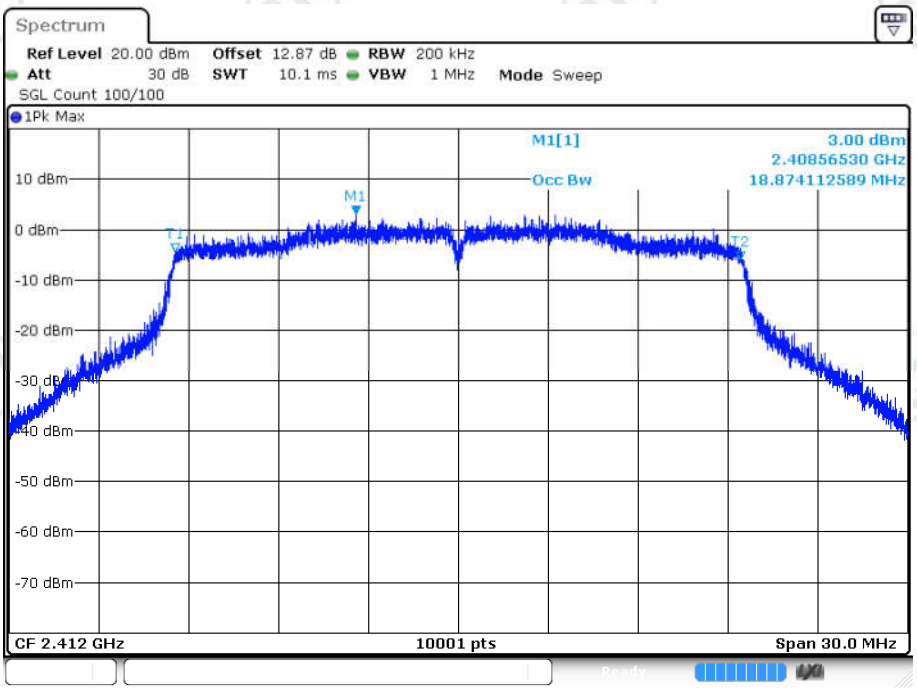
Date: 8.DEC.2023 12:57:12

OBW NVNT n40 2452MHz Ant2



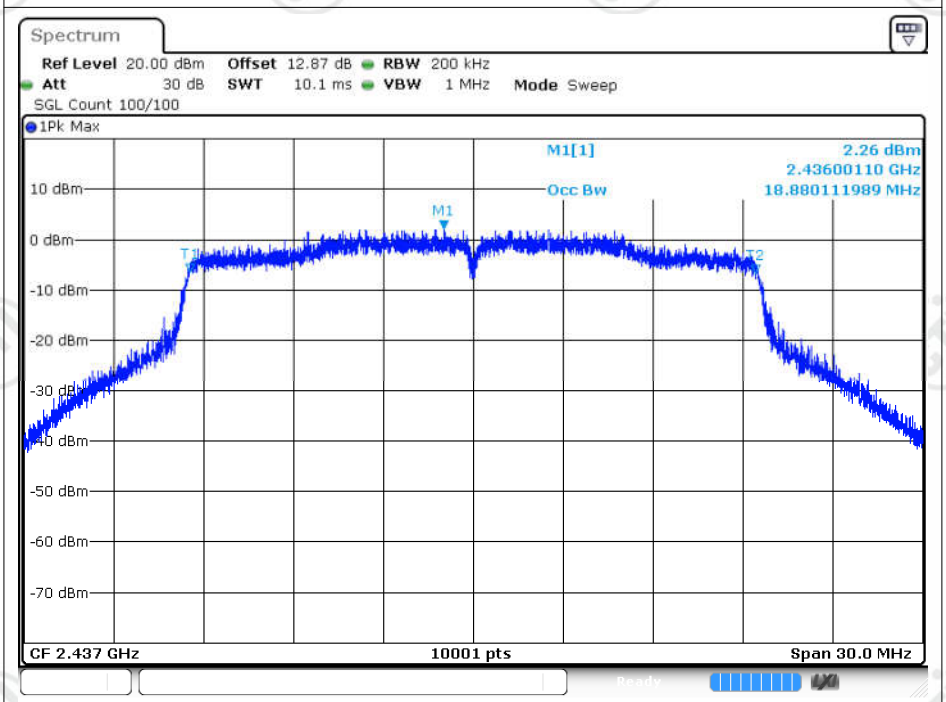
Date: 8.DEC.2023 13:04:03

OBW NVNT ax20 2412MHz Ant1



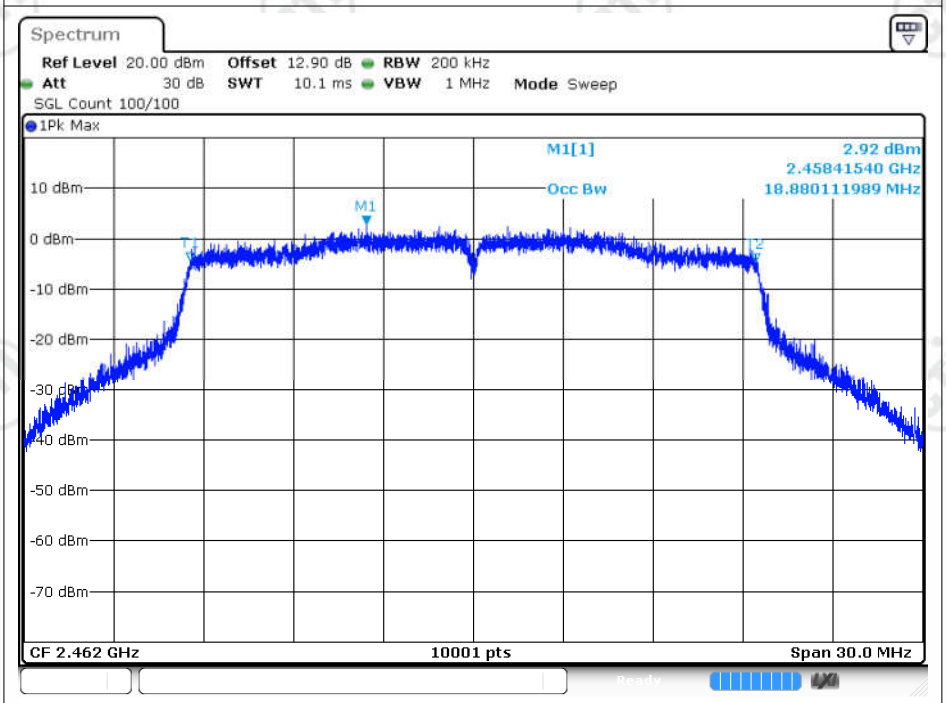
Date: 8.DEC.2023 10:56:57

OBW NVNT ax20 2437MHz Ant1



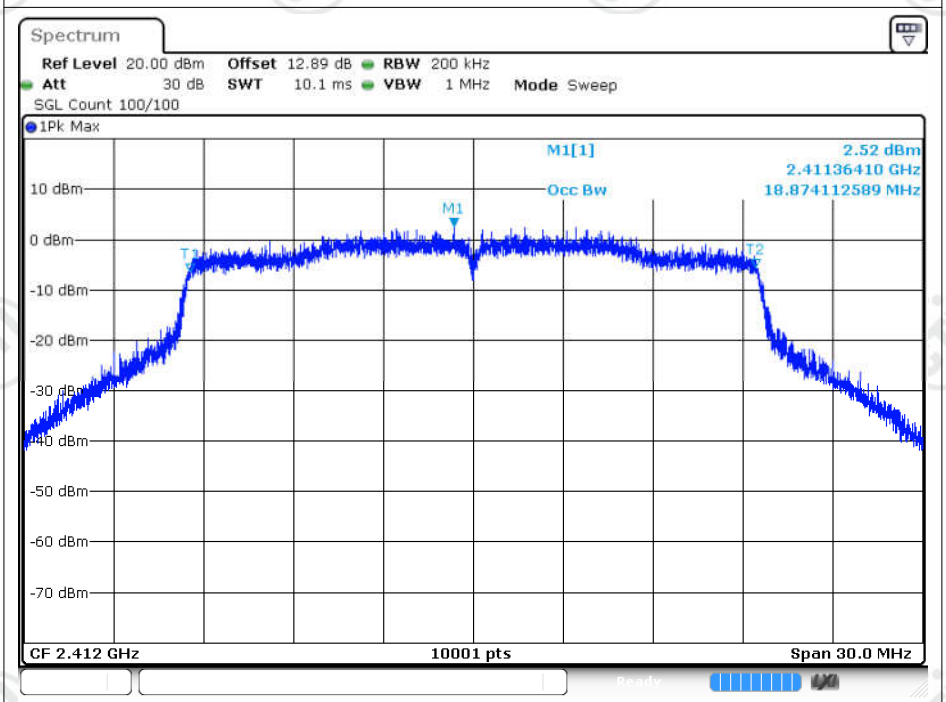
Date: 8.DEC.2023 10:59:36

OBW NVNT ax20 2462MHz Ant1



Date: 8.DEC.2023 11:01:08

OBW NVNT ax20 2412MHz Ant2



Date: 8.DEC.2023 13:06:20