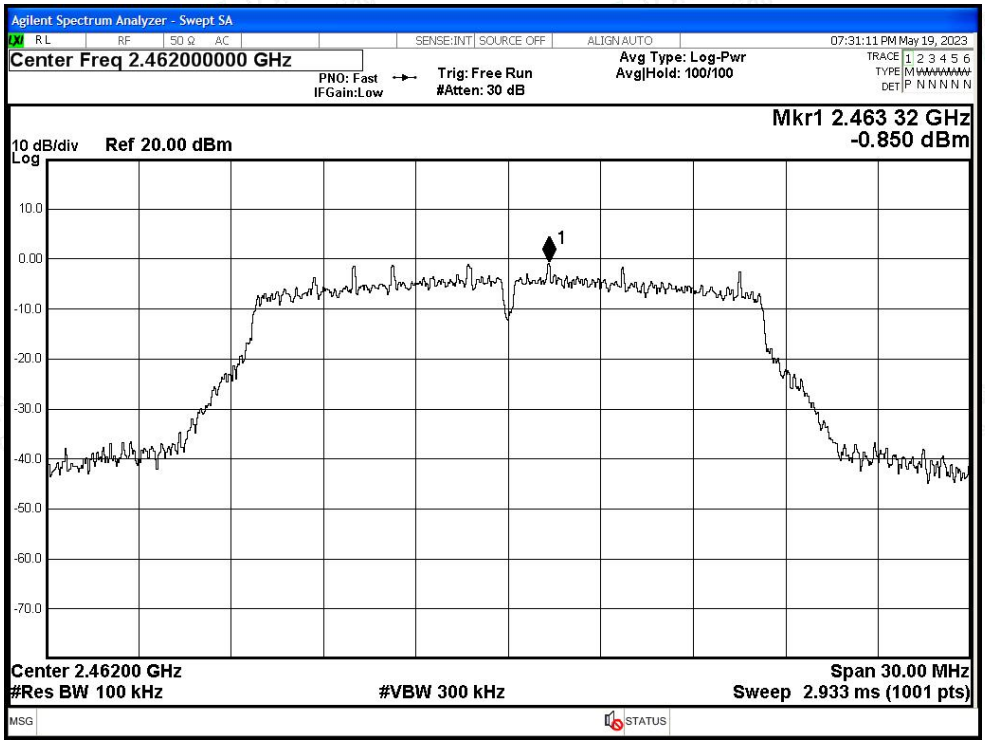
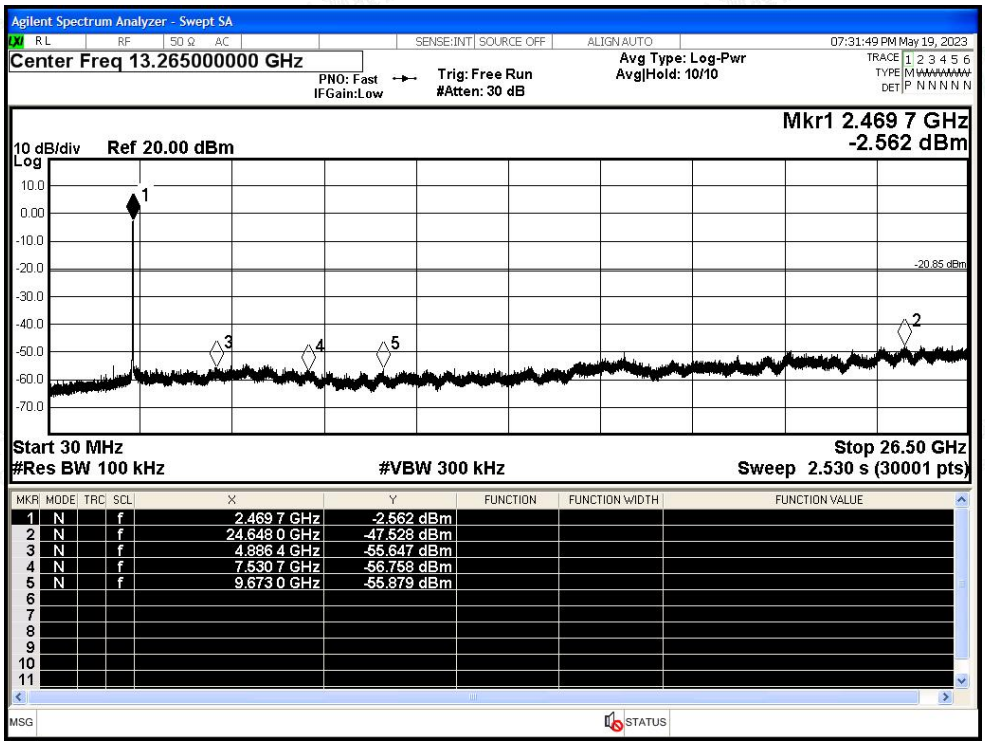
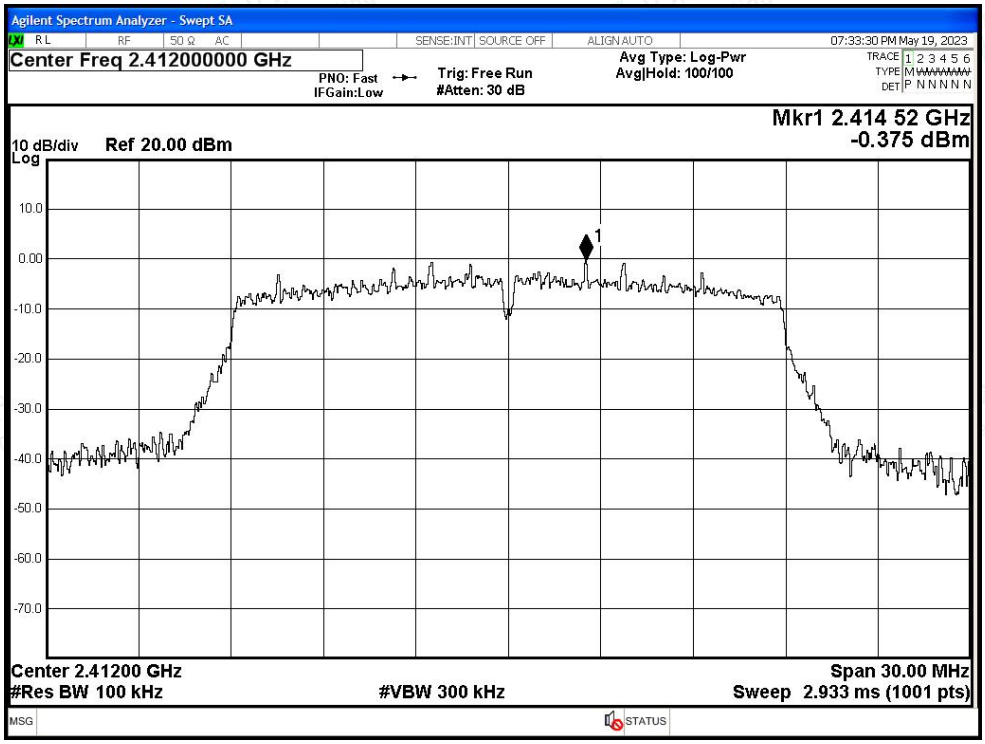
Tx. Spurious NVNT g 2462MHz Ant0 Ref



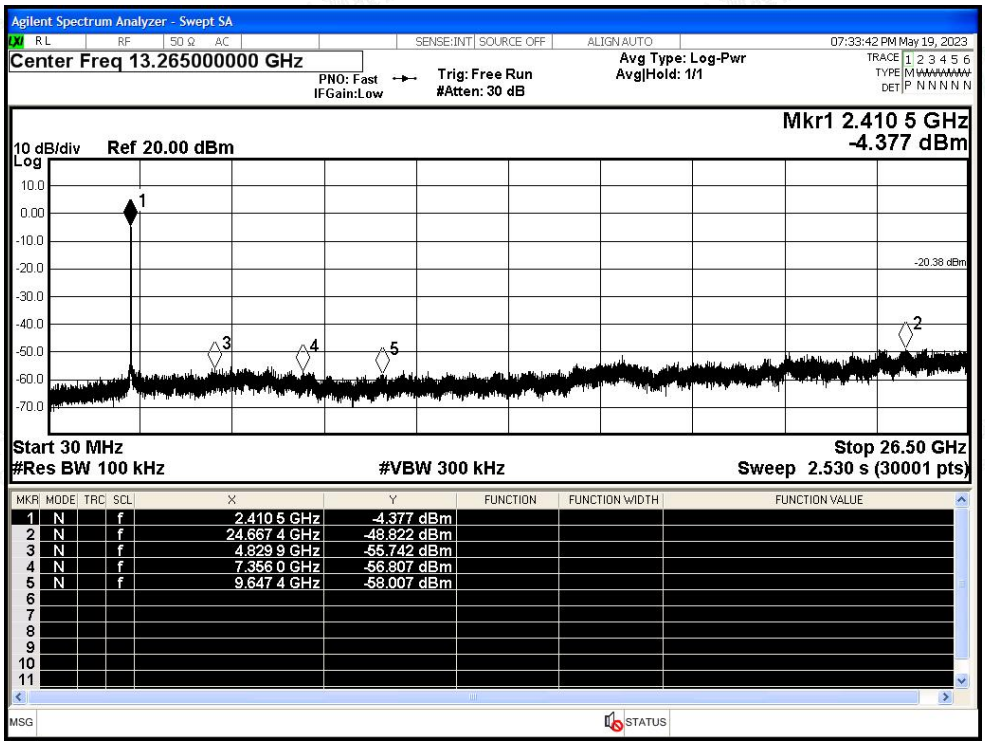
Tx. Spurious NVNT g 2462MHz Ant0 Emission



Tx. Spurious NVNT n20 2412MHz Ant0 Ref

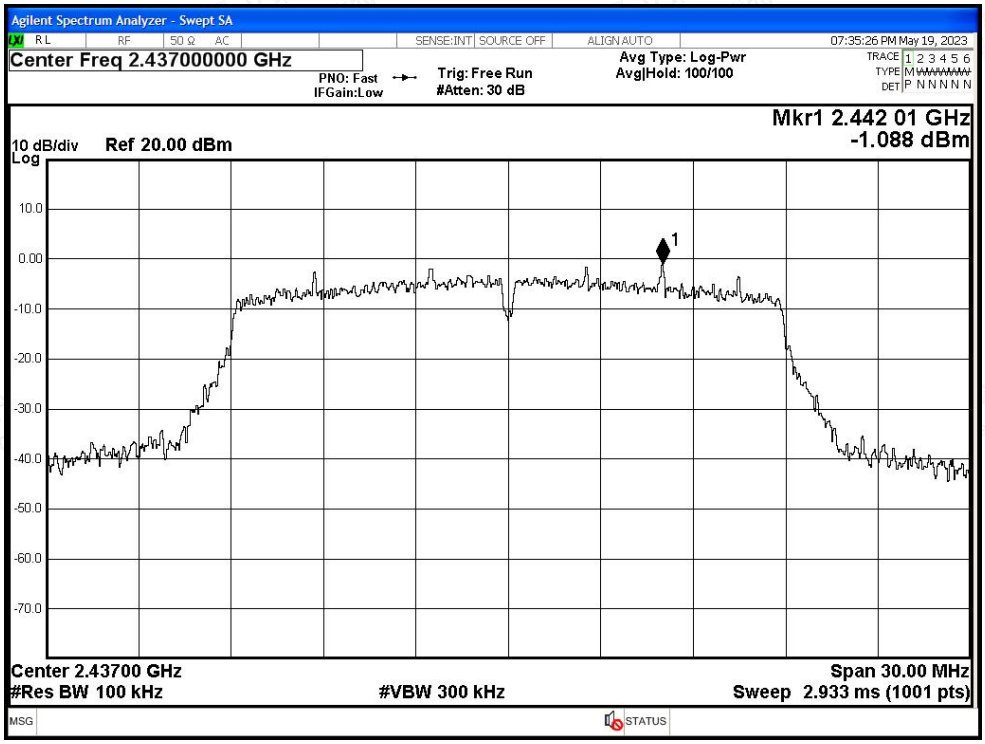


Tx. Spurious NVNT n20 2412MHz Ant0 Emission

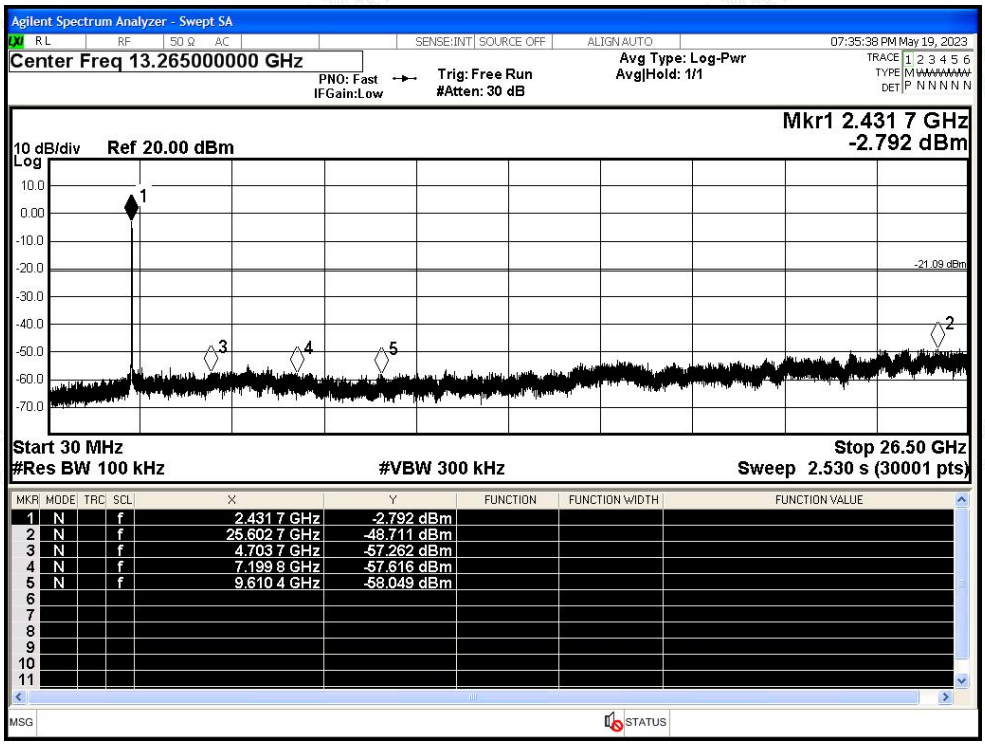


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.410 5 GHz	-4.377 dBm			
2	N		f	24.667 4 GHz	-48.822 dBm			
3	N		f	4.829 9 GHz	-55.742 dBm			
4	N		f	7.356 0 GHz	-56.807 dBm			
5	N		f	9.647 4 GHz	-58.007 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT n20 2437MHz Ant0 Ref

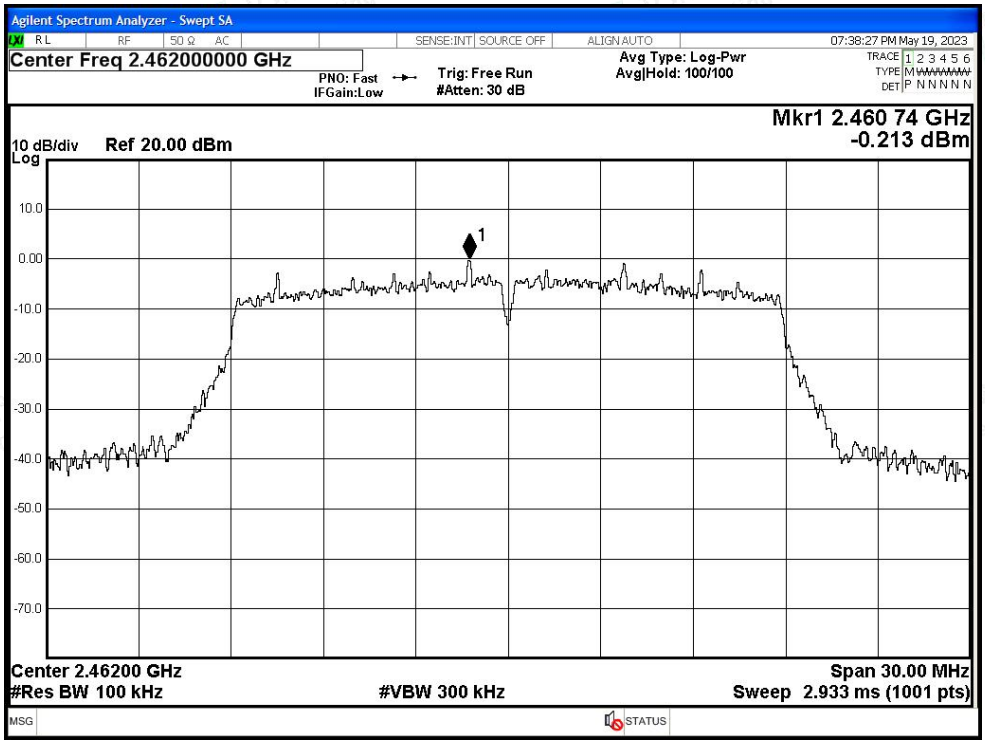


Tx. Spurious NVNT n20 2437MHz Ant0 Emission

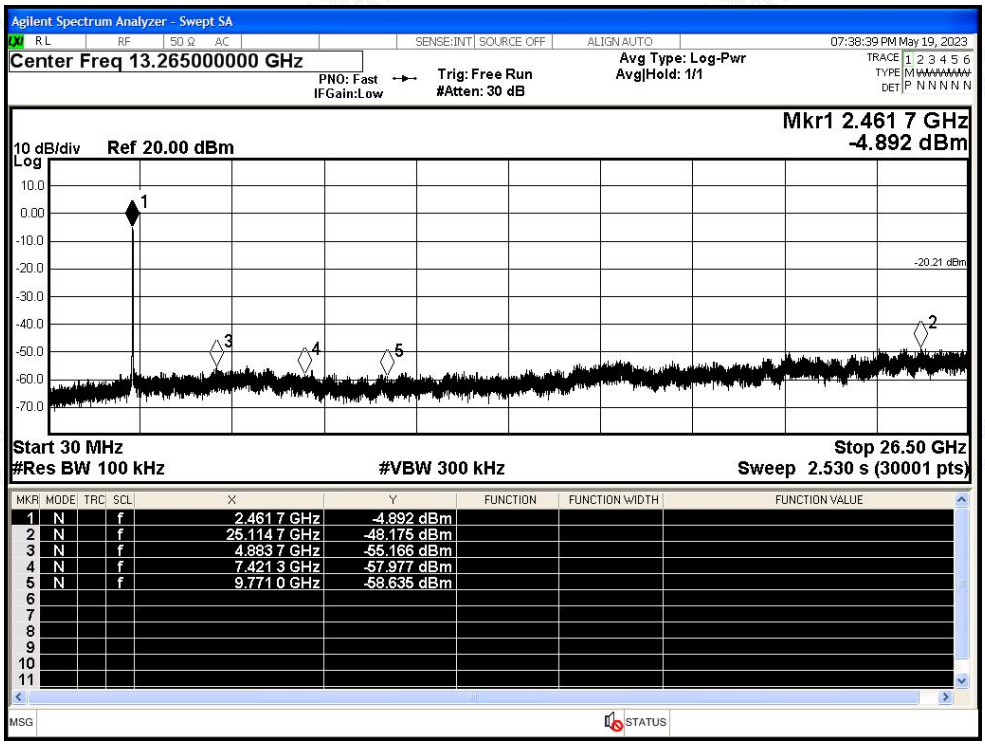


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.431 7 GHz	-2.792 dBm			
2	N		f	25.602 7 GHz	-48.711 dBm			
3	N		f	4.703 7 GHz	-57.262 dBm			
4	N		f	7.199 8 GHz	-57.616 dBm			
5	N		f	9.610 4 GHz	-58.049 dBm			
6								
7								
8								
9								
10								
11								

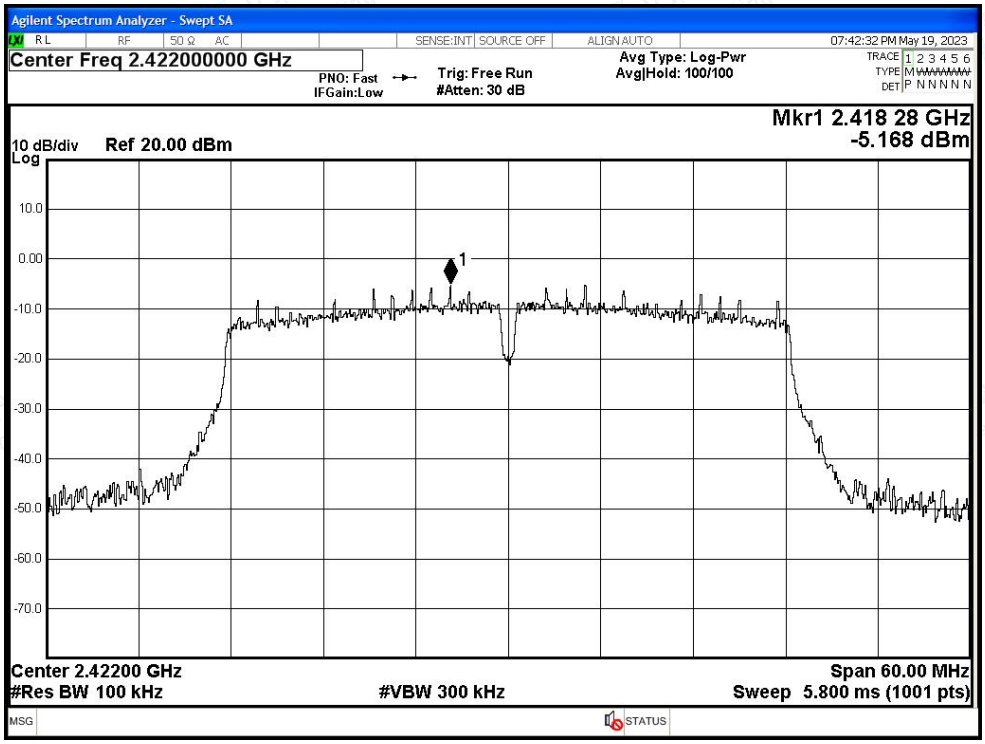
Tx. Spurious NVNT n20 2462MHz Ant0 Ref



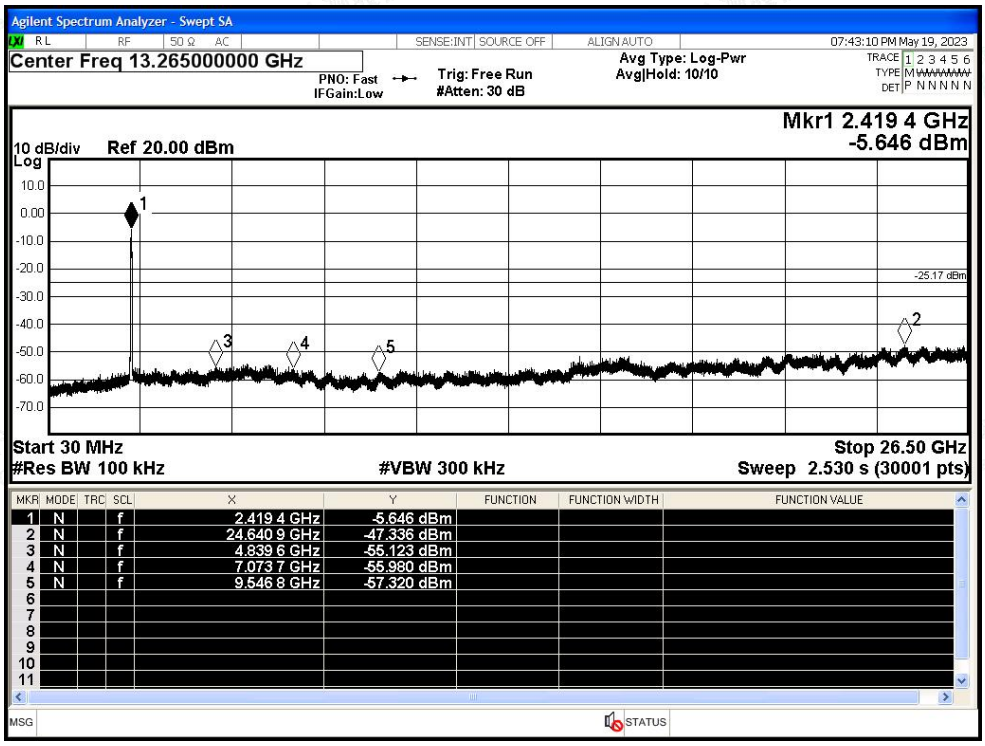
Tx. Spurious NVNT n20 2462MHz Ant0 Emission



Tx. Spurious NVNT n40 2422MHz Ant0 Ref

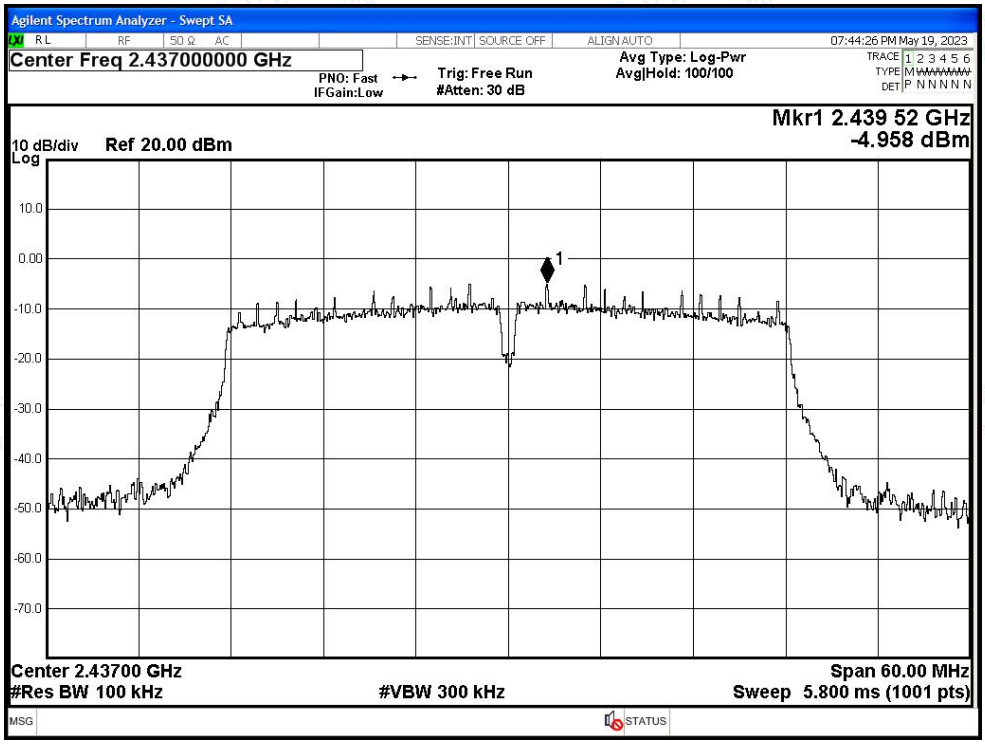


Tx. Spurious NVNT n40 2422MHz Ant0 Emission

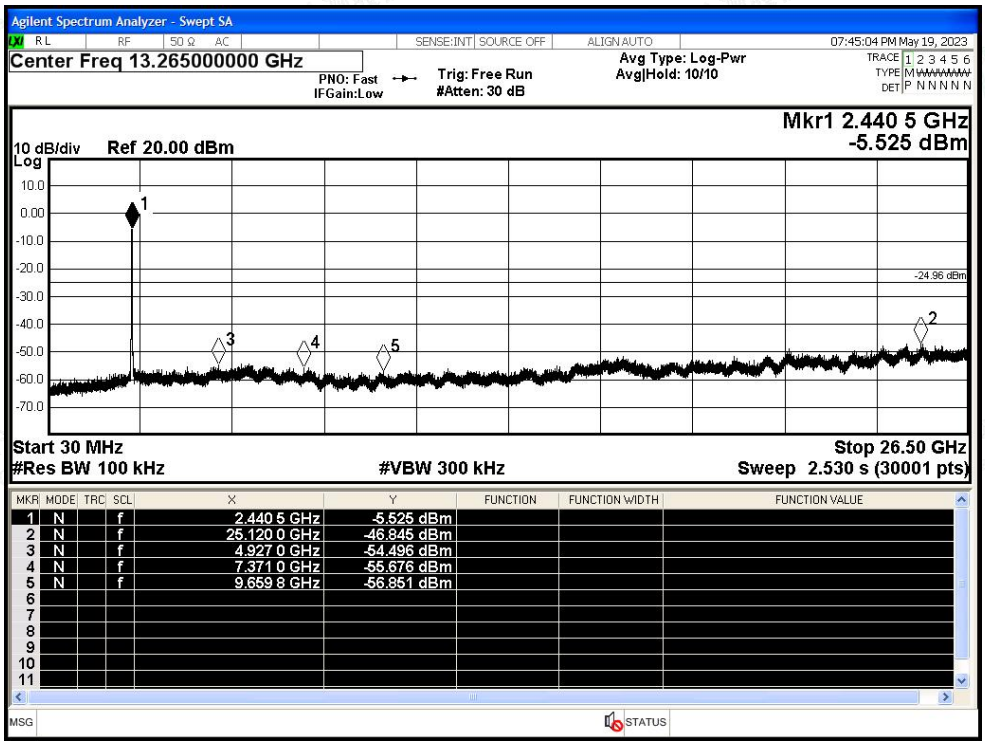


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.419 4 GHz	-5.646 dBm			
2	N		f	24.640 9 GHz	-47.336 dBm			
3	N		f	4.839 6 GHz	-55.123 dBm			
4	N		f	7.073 7 GHz	-55.980 dBm			
5	N		f	9.546 8 GHz	-57.320 dBm			
6								
7								
8								
9								
10								
11								

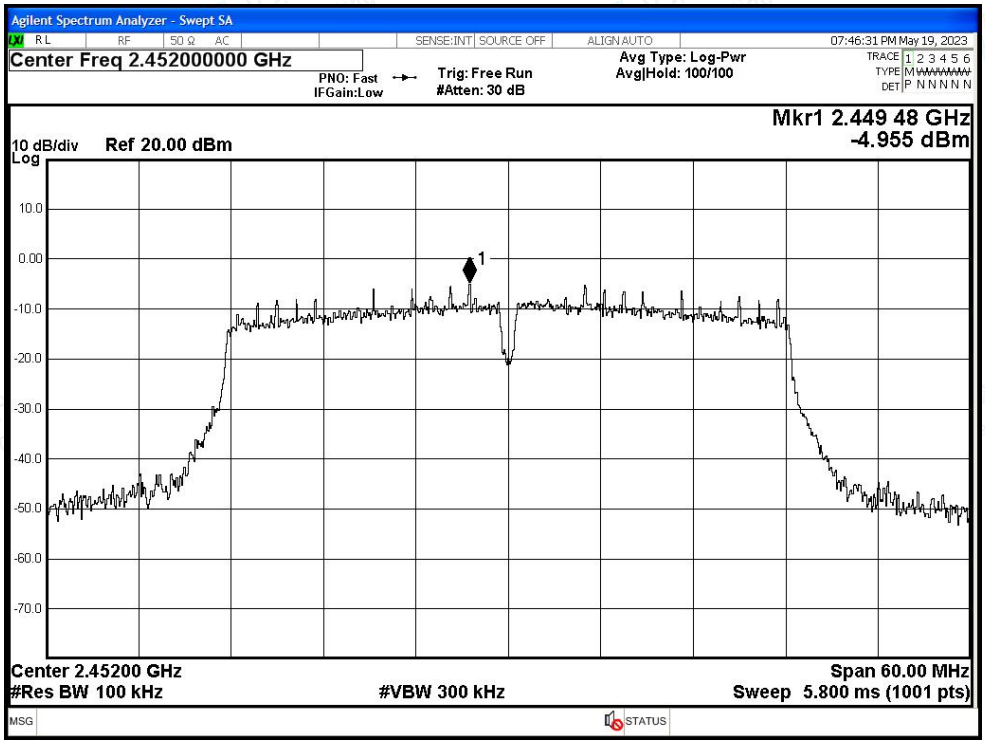
Tx. Spurious NVNT n40 2437MHz Ant0 Ref



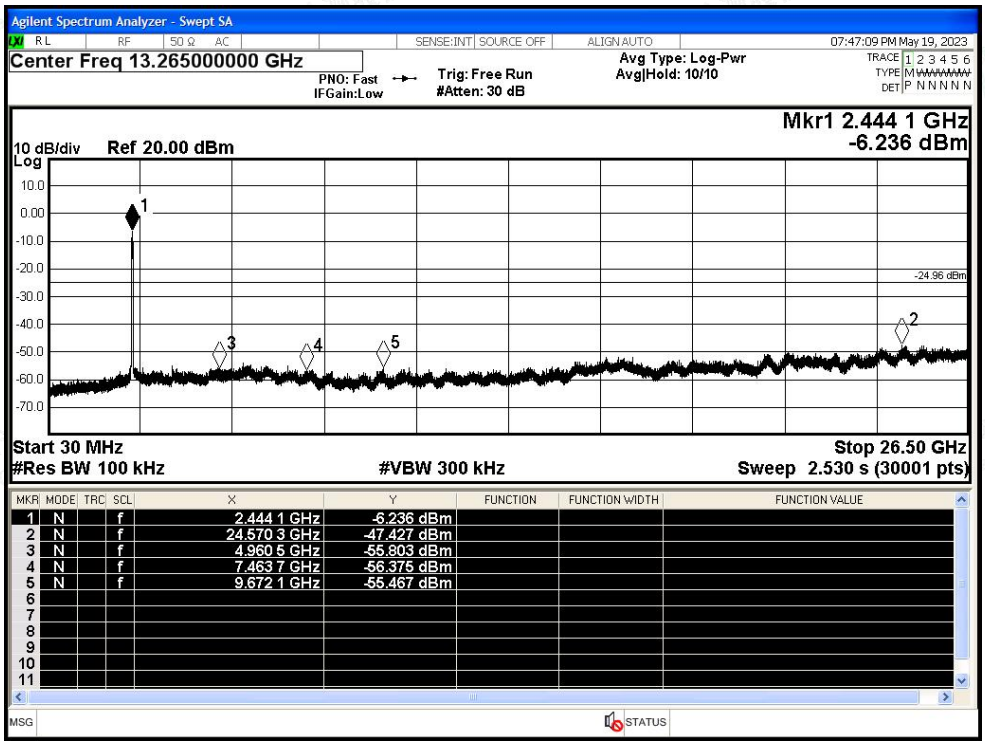
Tx. Spurious NVNT n40 2437MHz Ant0 Emission



Tx. Spurious NVNT n40 2452MHz Ant0 Ref



Tx. Spurious NVNT n40 2452MHz Ant0 Emission

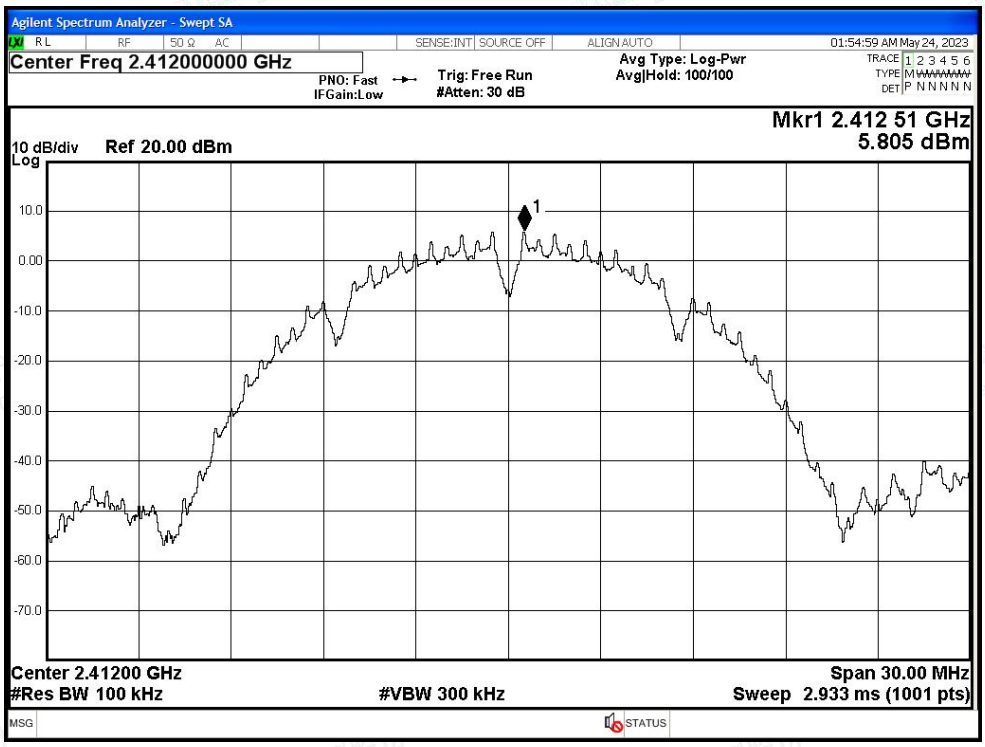


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.444 1 GHz	-6.236 dBm			
2	N		f	24.570 3 GHz	-47.427 dBm			
3	N		f	4.960 5 GHz	-55.803 dBm			
4	N		f	7.463 7 GHz	-56.375 dBm			
5	N		f	9.672 1 GHz	-55.467 dBm			
6								
7								
8								
9								
10								
11								

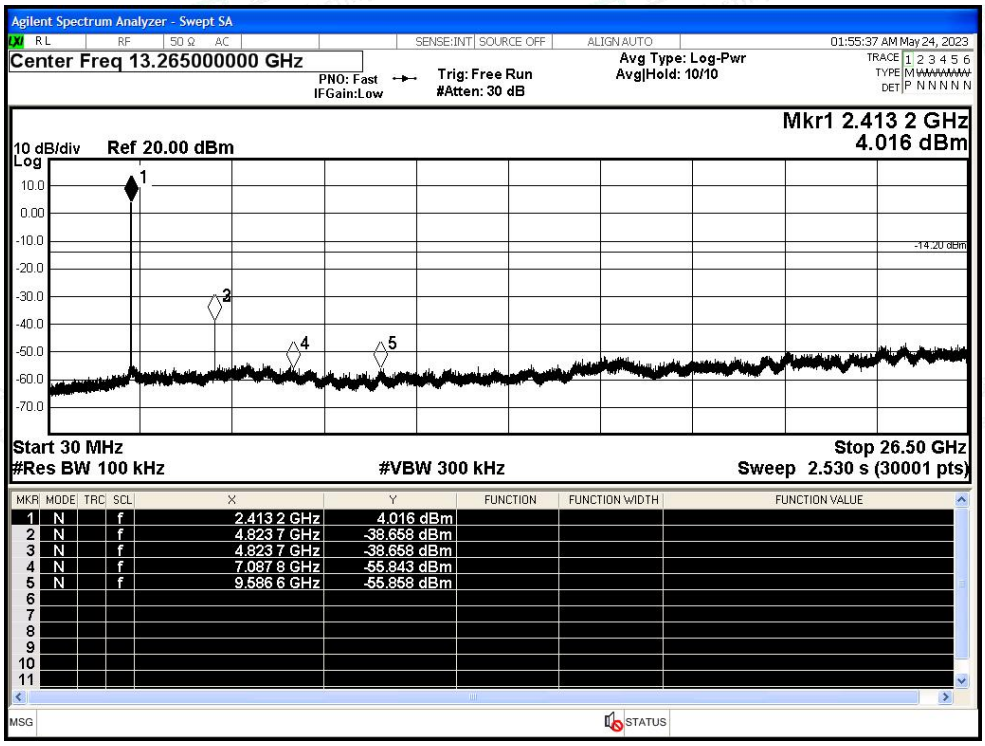
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.46	-20	Pass
NVNT	b	2437	Ant1	-44.2	-20	Pass
NVNT	b	2462	Ant1	-45.13	-20	Pass
NVNT	g	2412	Ant1	-45.83	-20	Pass
NVNT	g	2437	Ant1	-46.39	-20	Pass
NVNT	g	2462	Ant1	-46.99	-20	Pass
NVNT	n20	2412	Ant1	-48.36	-20	Pass
NVNT	n20	2437	Ant1	-48.73	-20	Pass
NVNT	n20	2462	Ant1	-46.24	-20	Pass
NVNT	n40	2422	Ant1	-41.58	-20	Pass
NVNT	n40	2437	Ant1	-41.71	-20	Pass
NVNT	n40	2452	Ant1	-39.92	-20	Pass

Test Graphs

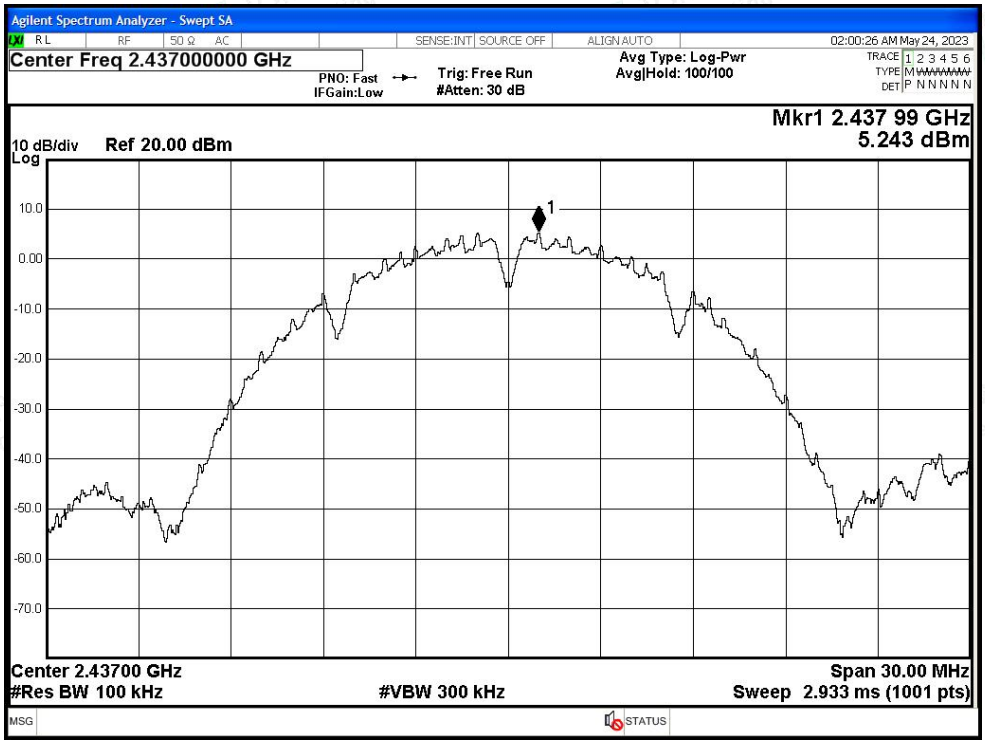
Tx. Spurious NVNT b 2412MHz Ant1 Ref



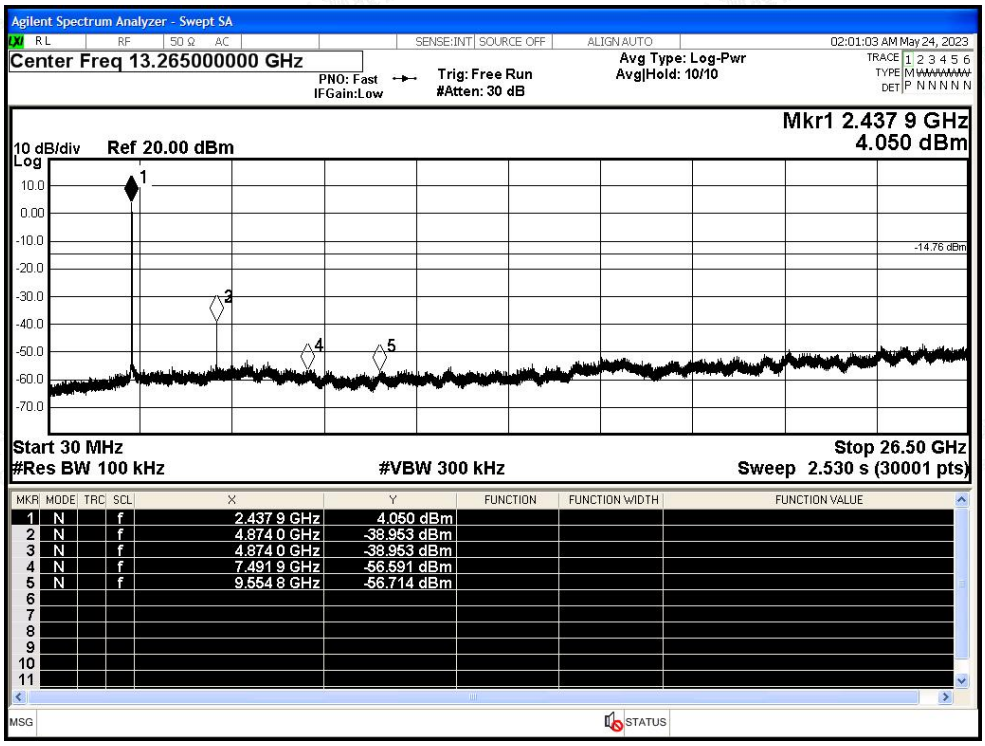
Tx. Spurious NVNT b 2412MHz Ant1 Emission



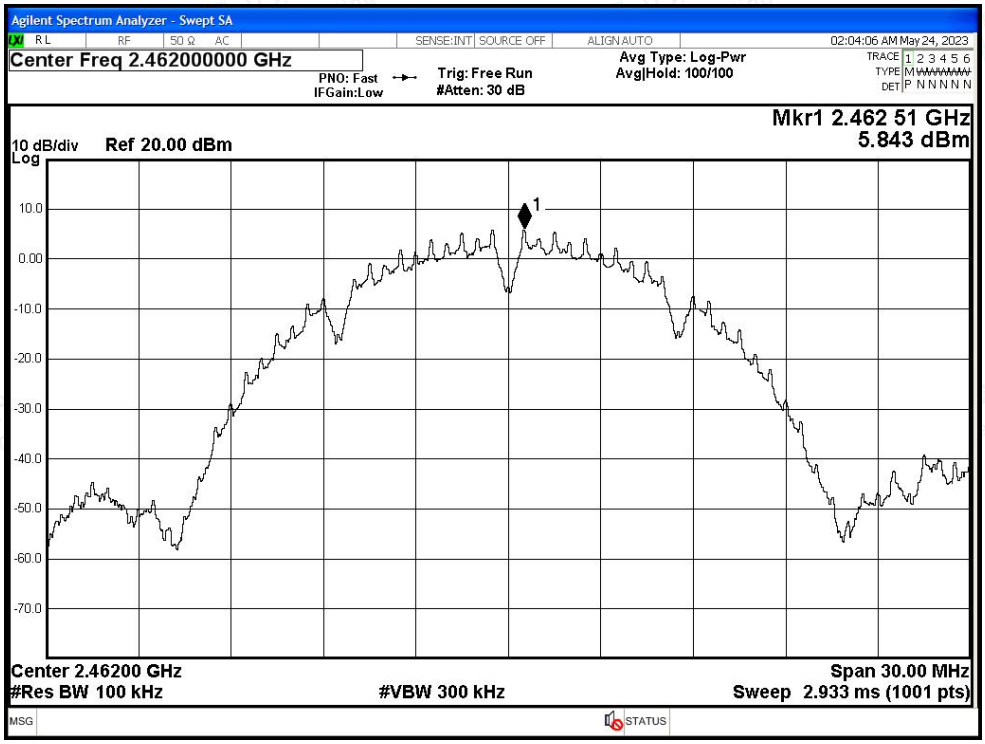
Tx. Spurious NVNT b 2437MHz Ant1 Ref



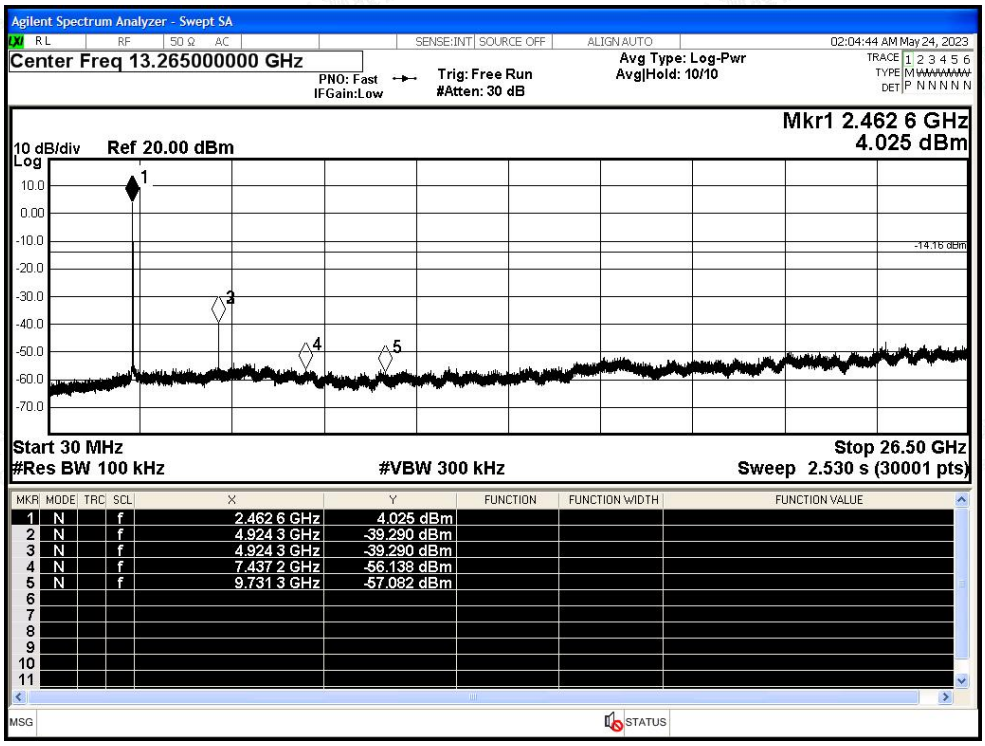
Tx. Spurious NVNT b 2437MHz Ant1 Emission



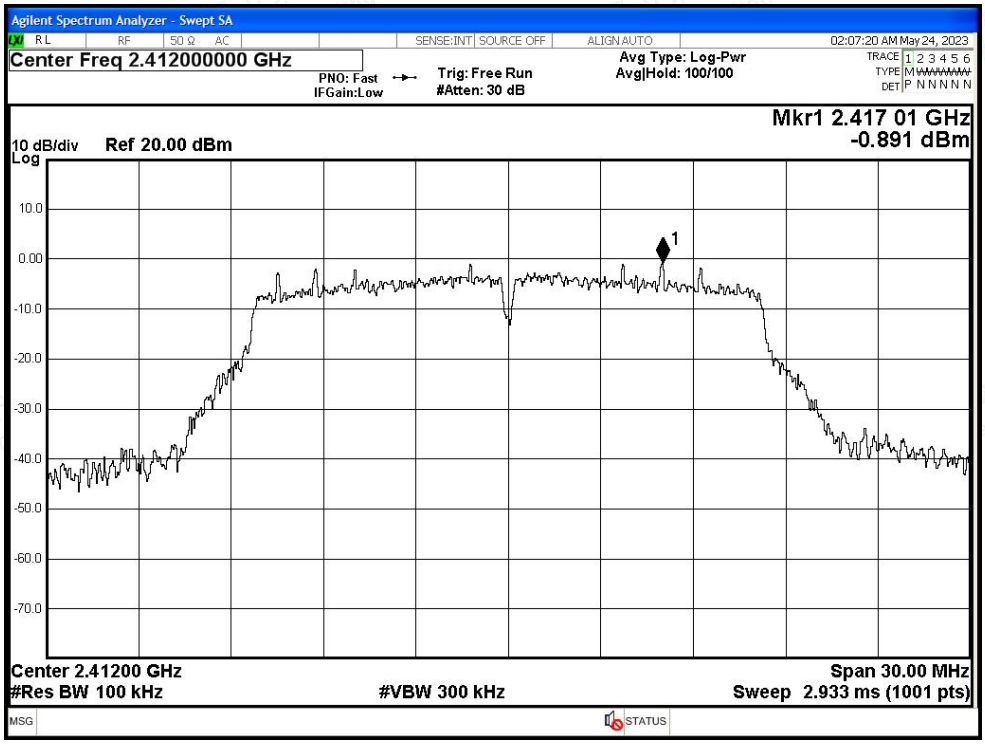
Tx. Spurious NVNT b 2462MHz Ant1 Ref



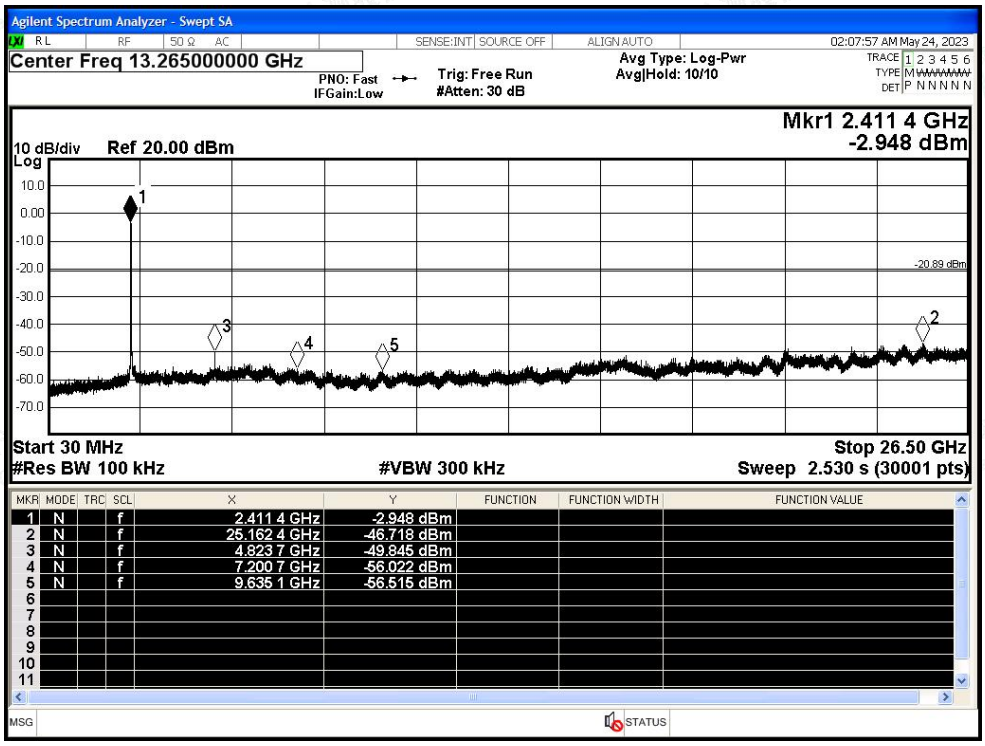
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref

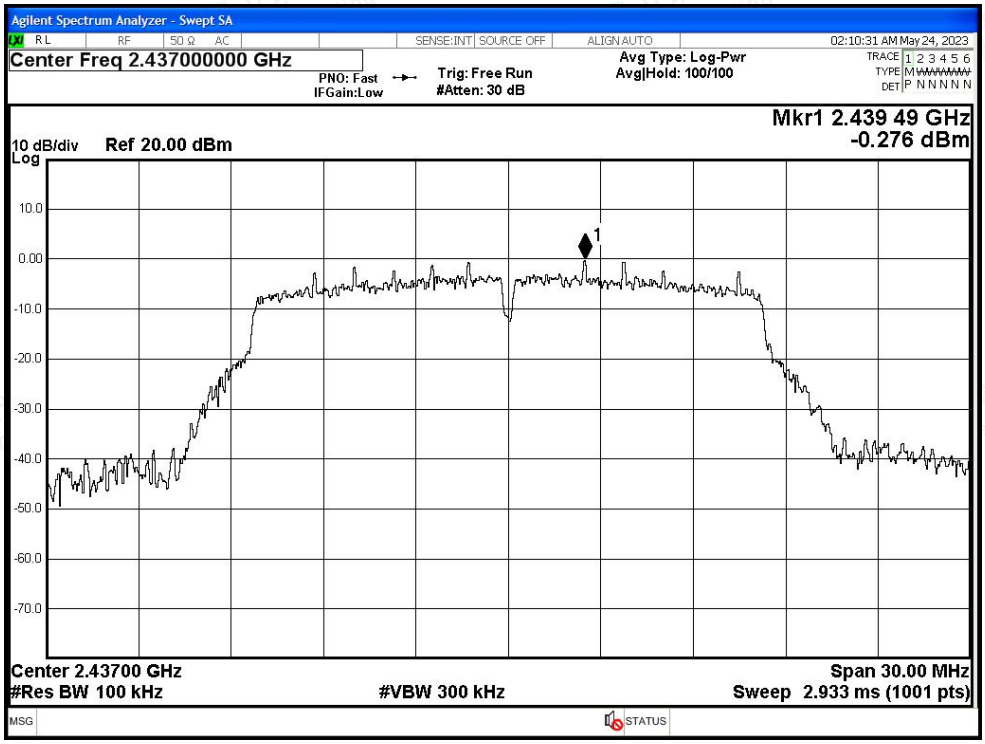


Tx. Spurious NVNT g 2412MHz Ant1 Emission

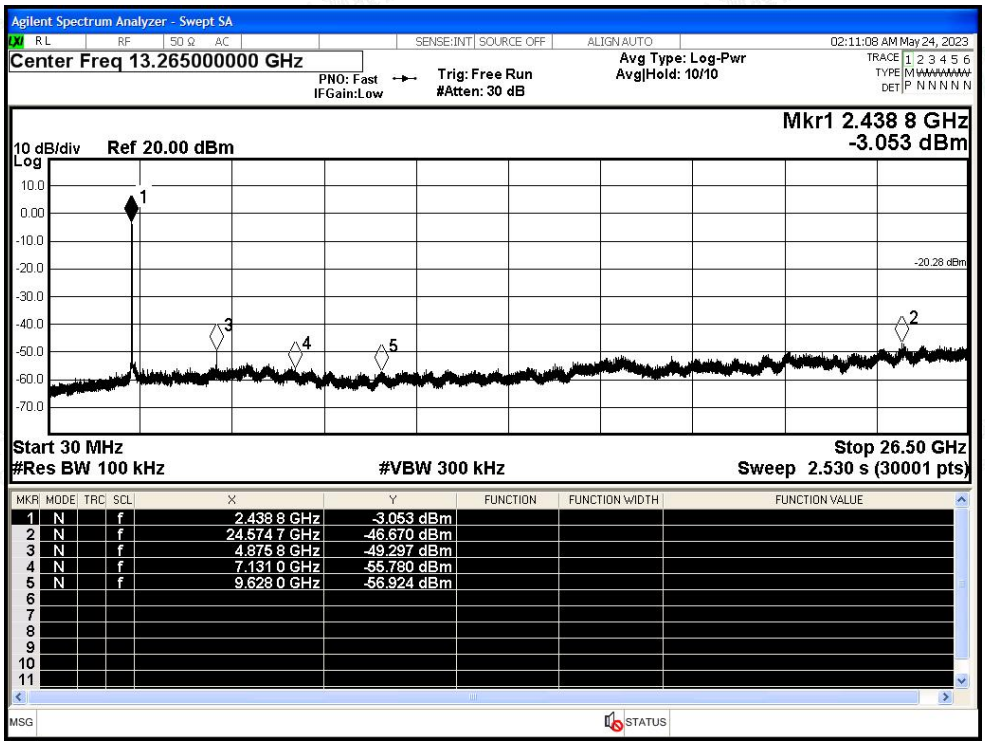


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.411 4 GHz	-2.948 dBm			
2	N		f	25.162 4 GHz	-46.718 dBm			
3	N		f	4.823 7 GHz	-49.845 dBm			
4	N		f	7.200 7 GHz	-56.022 dBm			
5	N		f	9.635 1 GHz	-56.515 dBm			
6								
7								
8								
9								
10								
11								

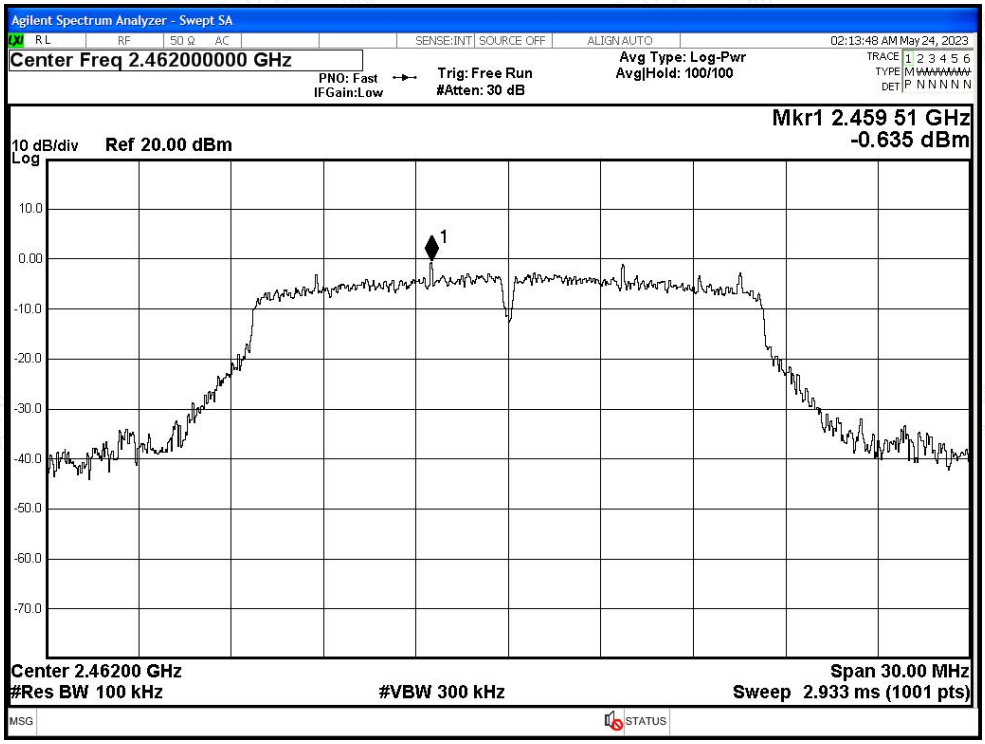
Tx. Spurious NVNT g 2437MHz Ant1 Ref



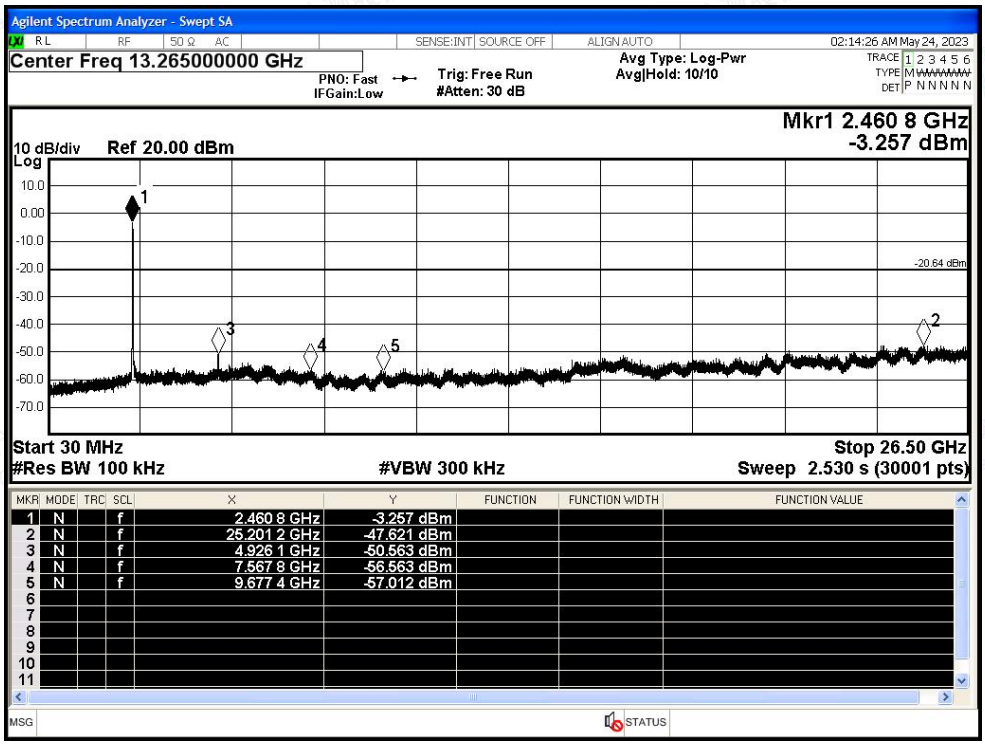
Tx. Spurious NVNT g 2437MHz Ant1 Emission



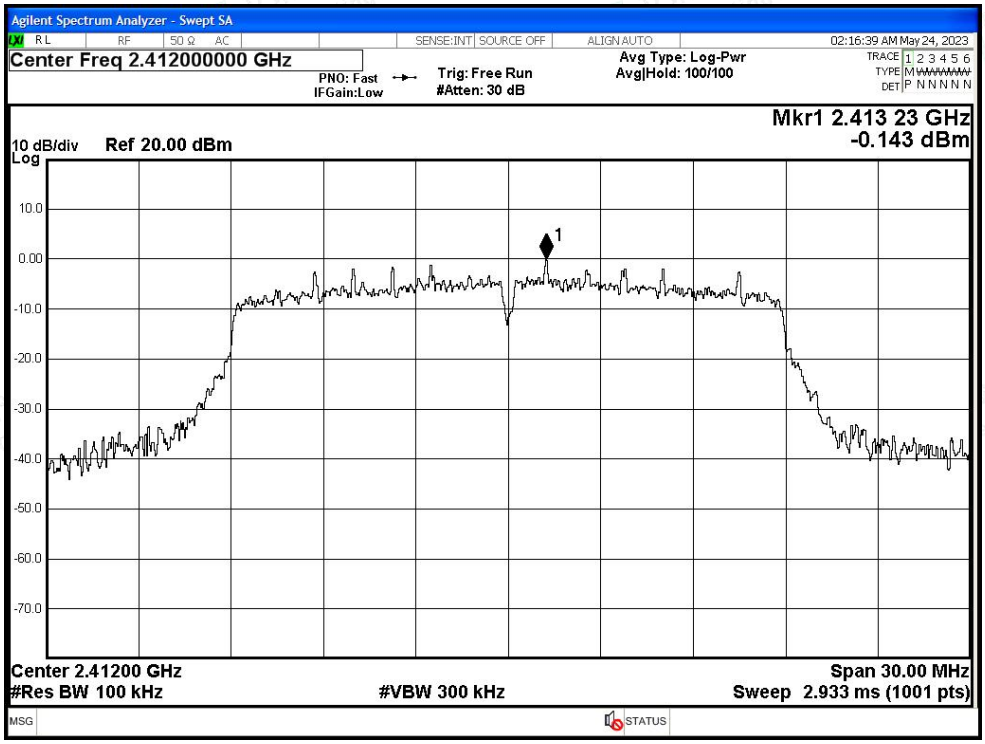
Tx. Spurious NVNT g 2462MHz Ant1 Ref



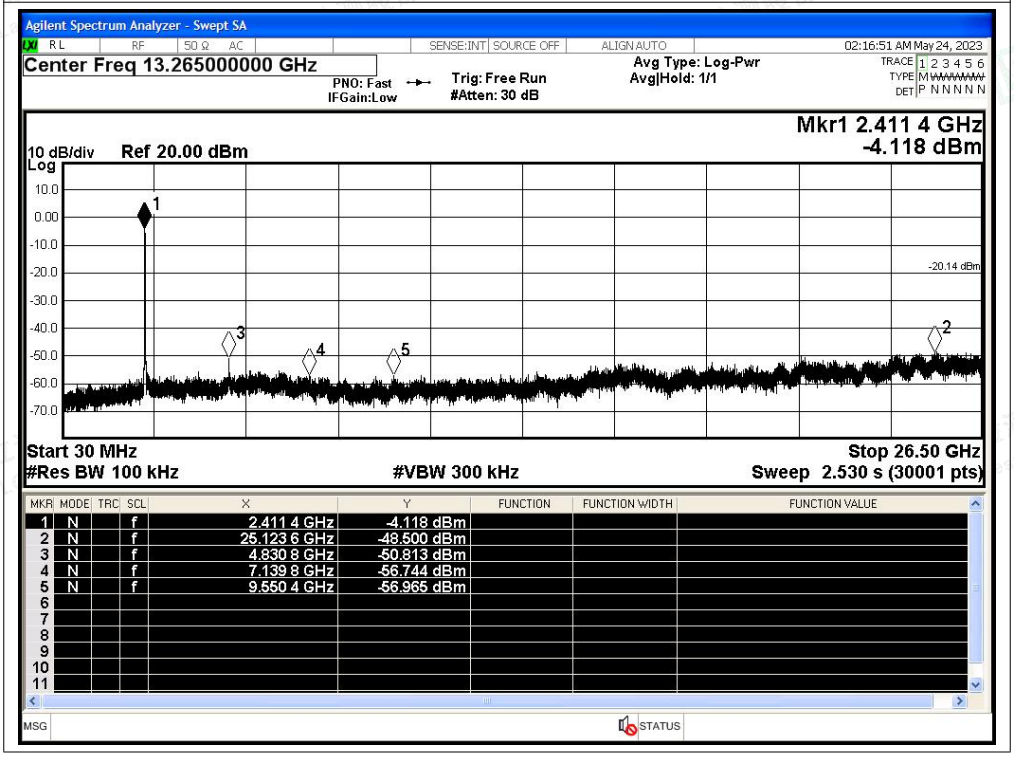
Tx. Spurious NVNT g 2462MHz Ant1 Emission



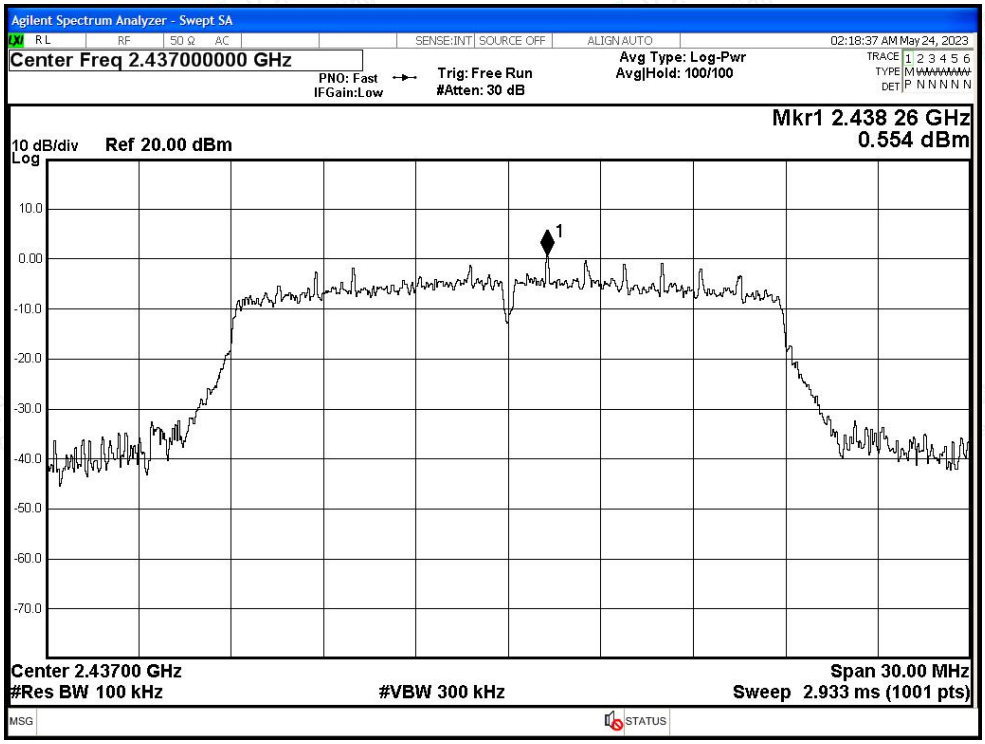
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



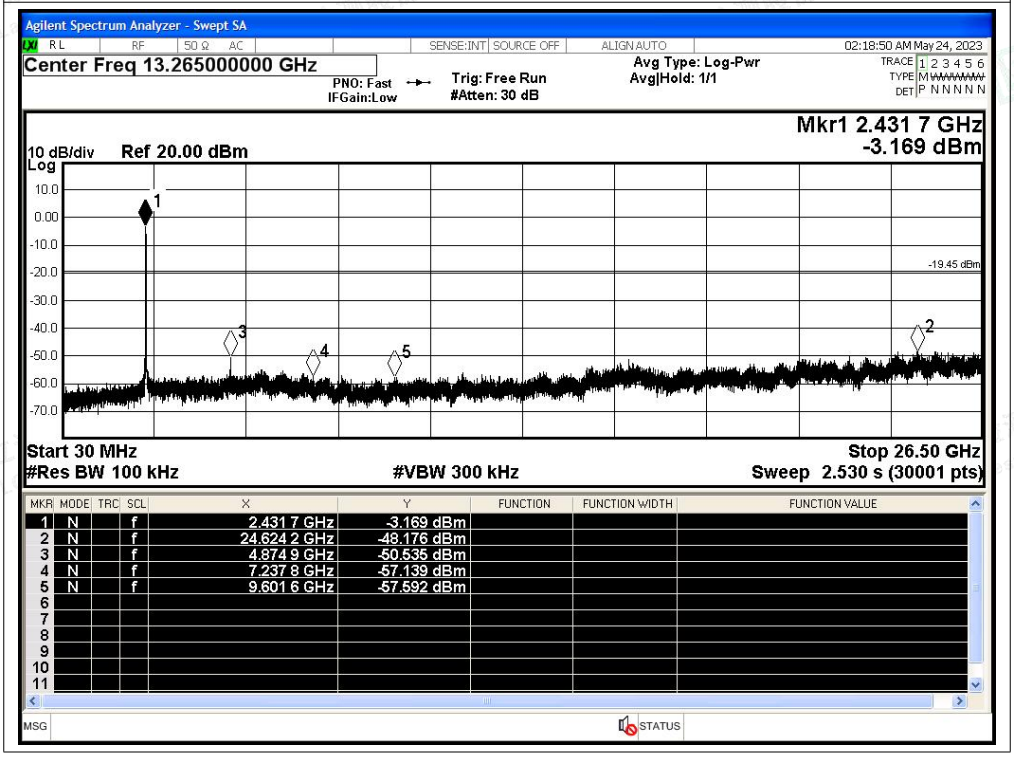
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



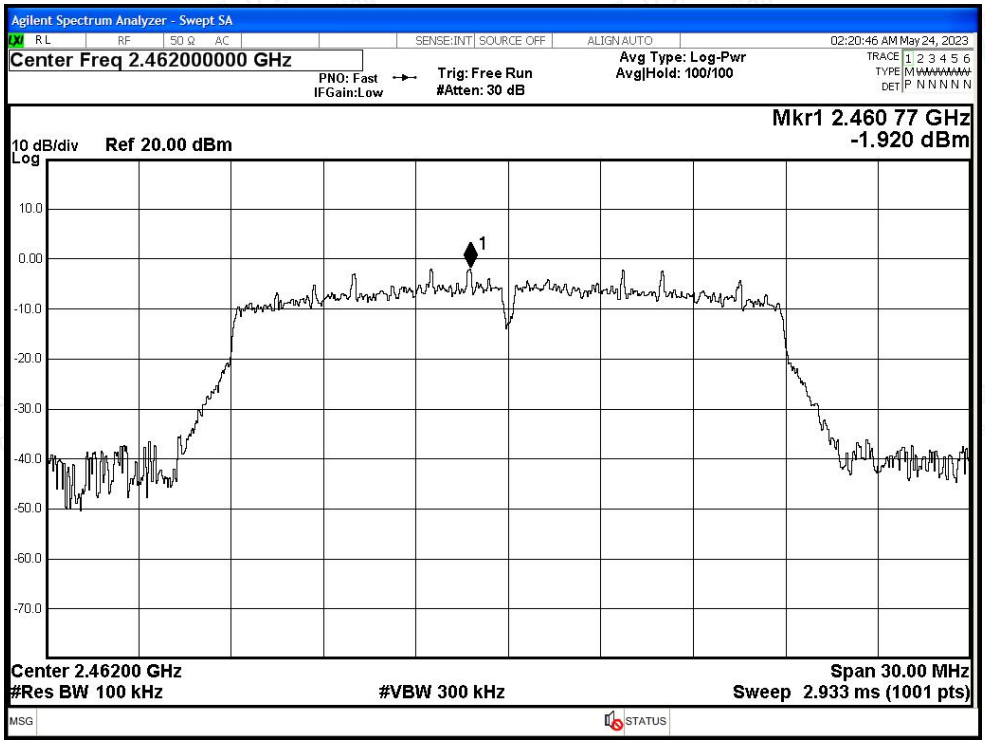
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



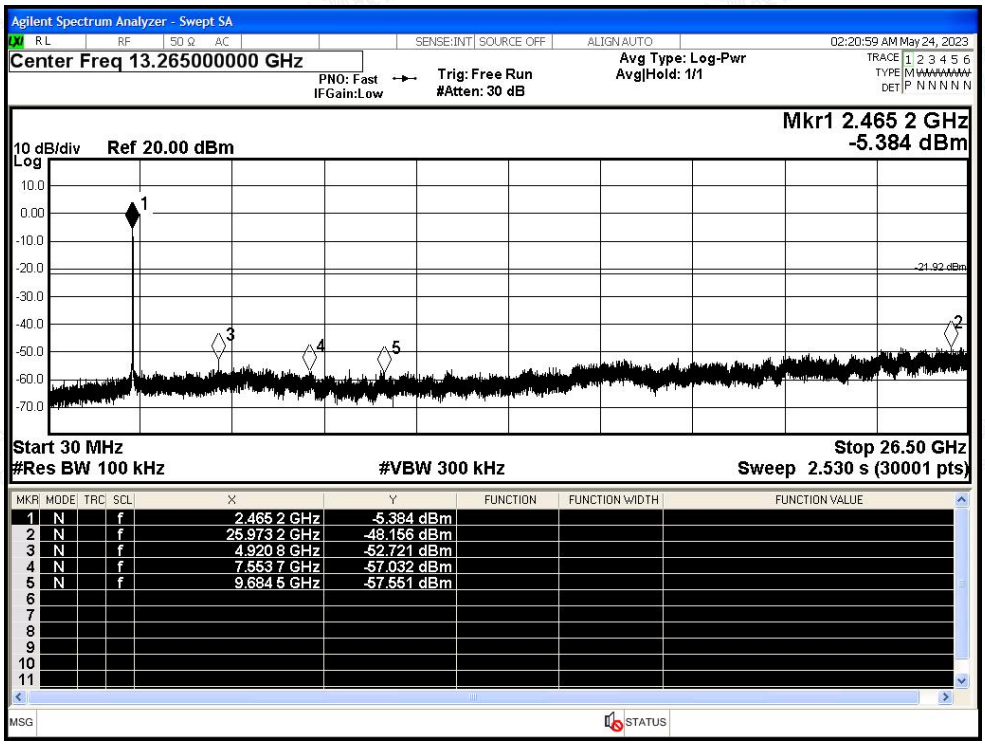
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref

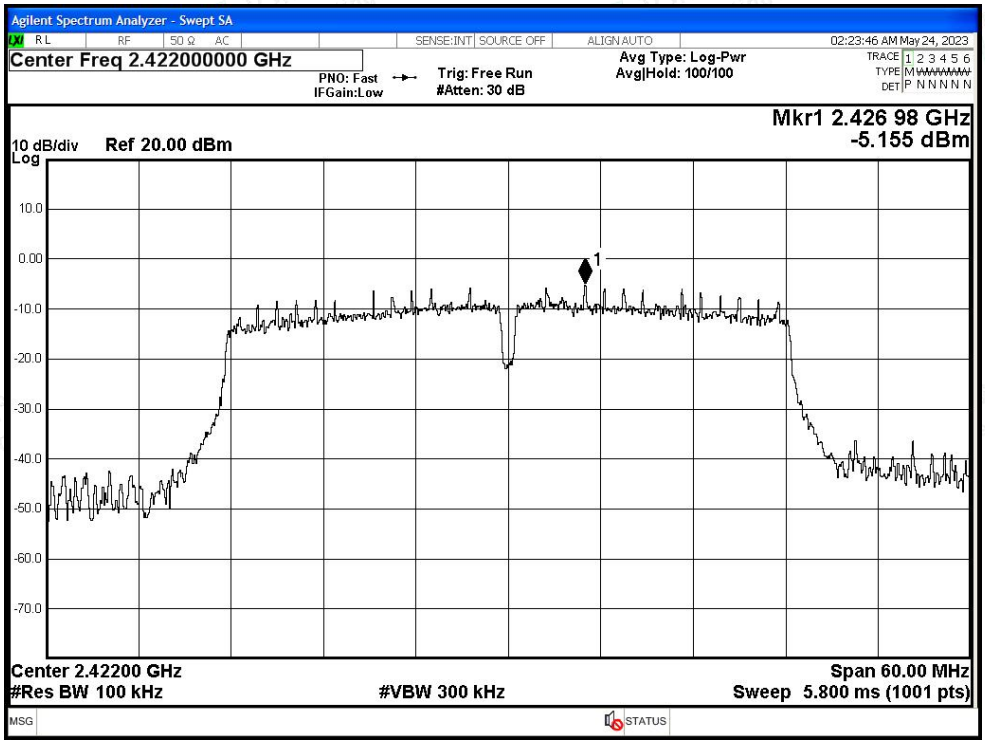


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

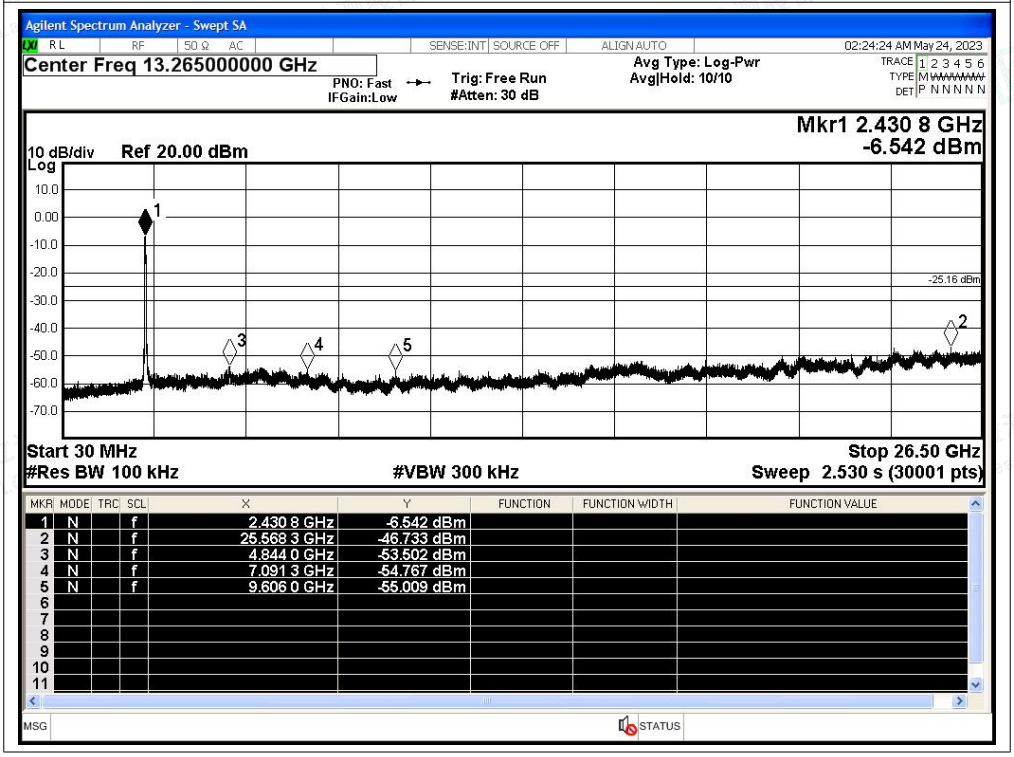


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.465 2 GHz	-5.384 dBm			
2	N		f	25.973 2 GHz	-48.156 dBm			
3	N		f	4.920 8 GHz	-52.721 dBm			
4	N		f	7.553 7 GHz	-57.032 dBm			
5	N		f	9.684 5 GHz	-57.551 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT n40 2422MHz Ant1 Ref

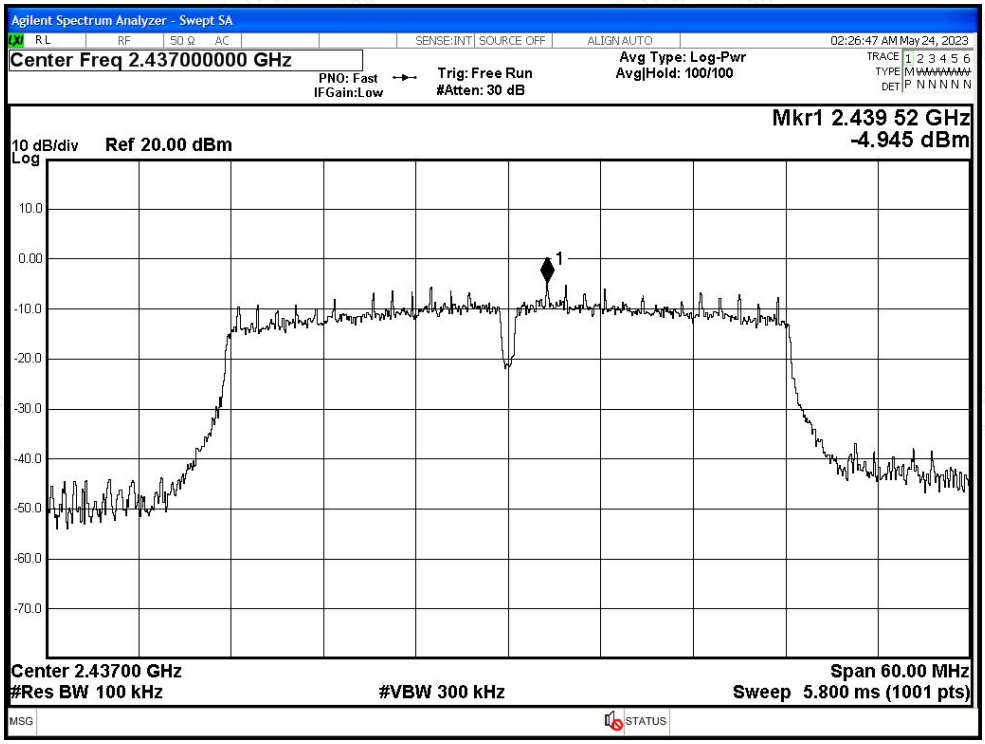


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

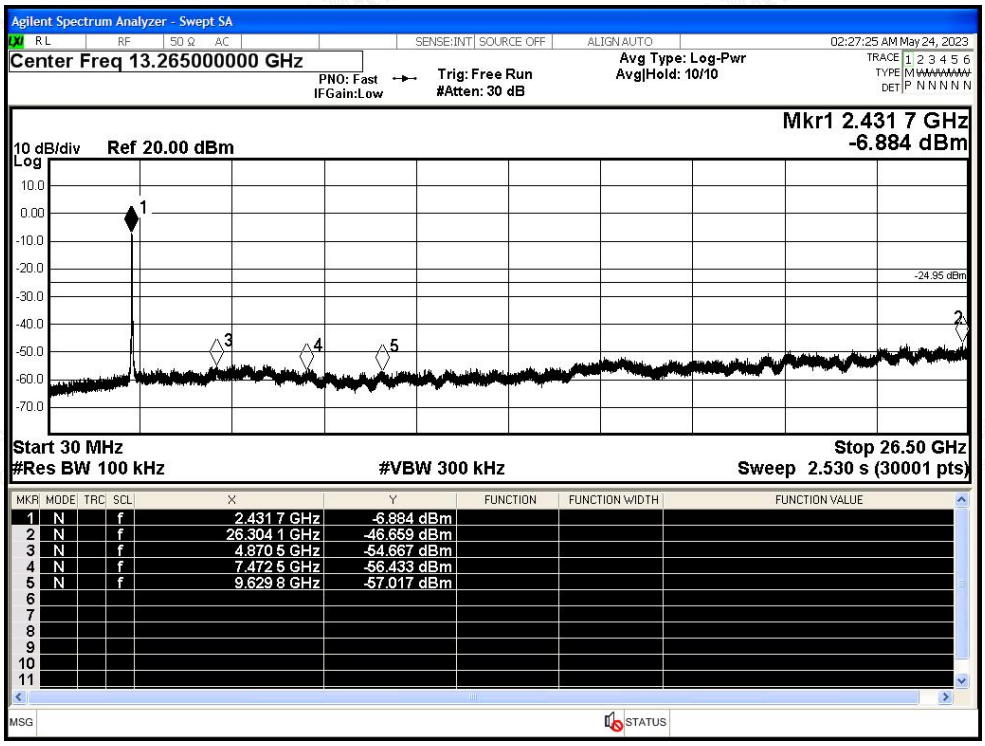


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.430 8 GHz	-6.542 dBm			
2	N		f	25.568 3 GHz	-46.733 dBm			
3	N		f	4.844 0 GHz	-53.502 dBm			
4	N		f	7.091 3 GHz	-54.767 dBm			
5	N		f	9.606 0 GHz	-55.009 dBm			
6								
7								
8								
9								
10								
11								

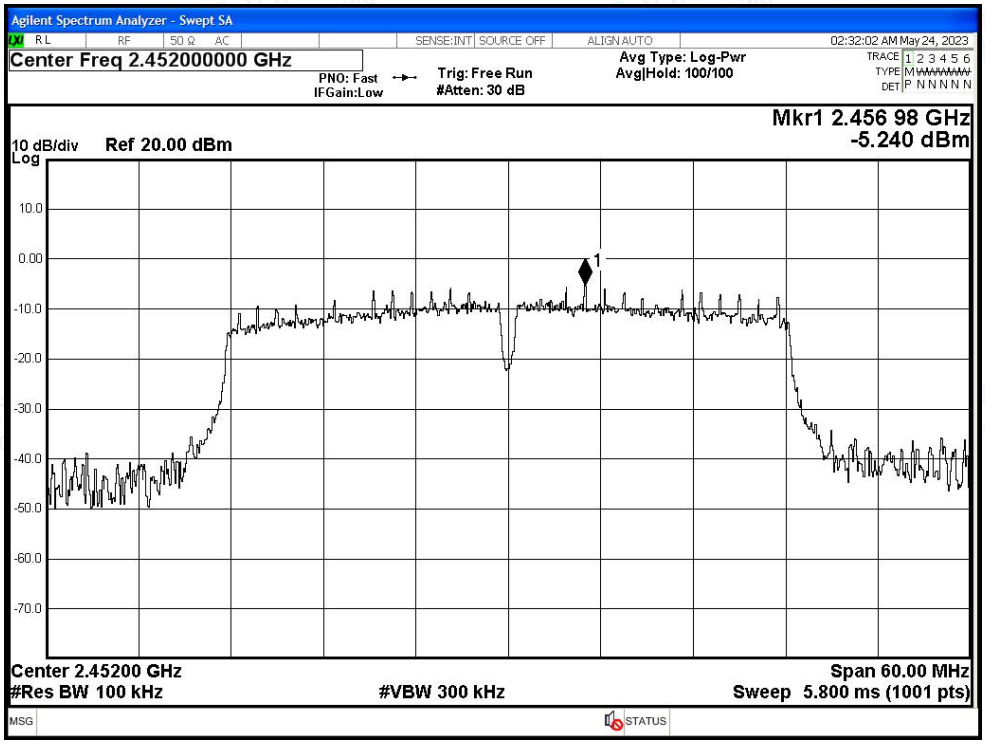
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



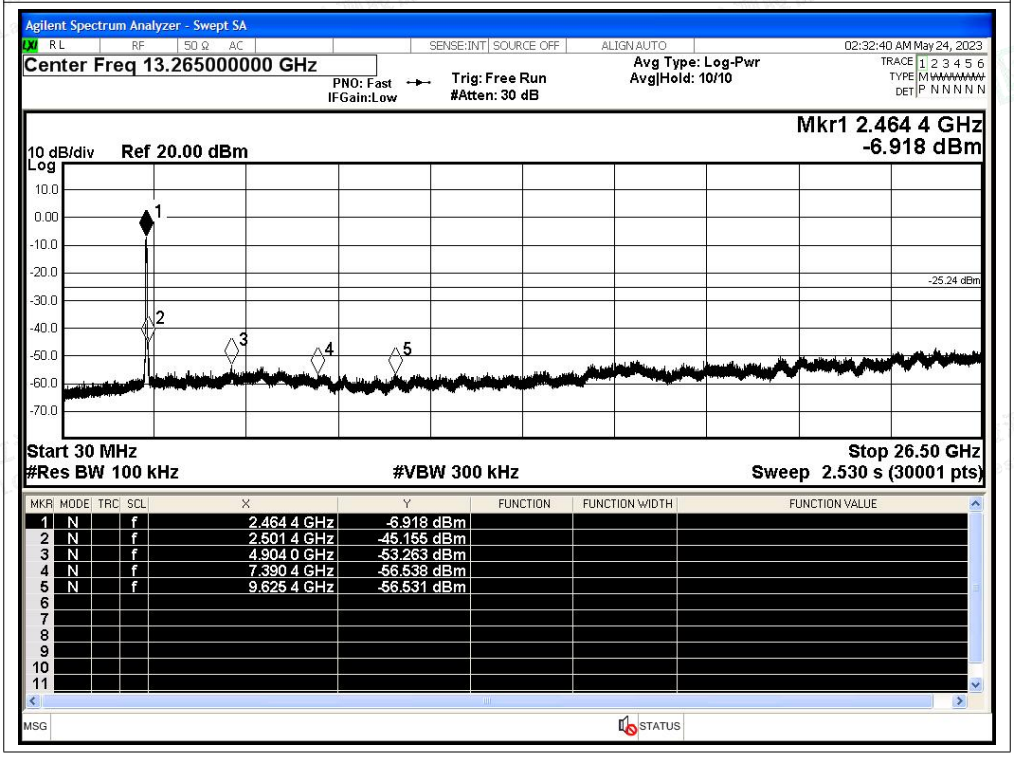
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

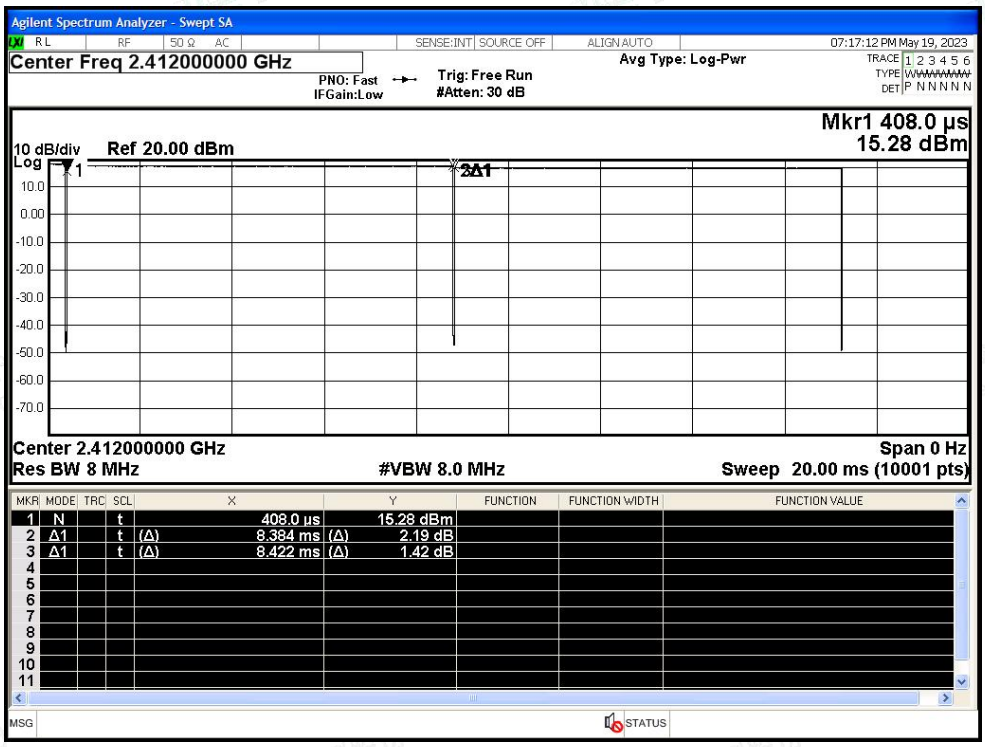


C.6 Duty Cycle

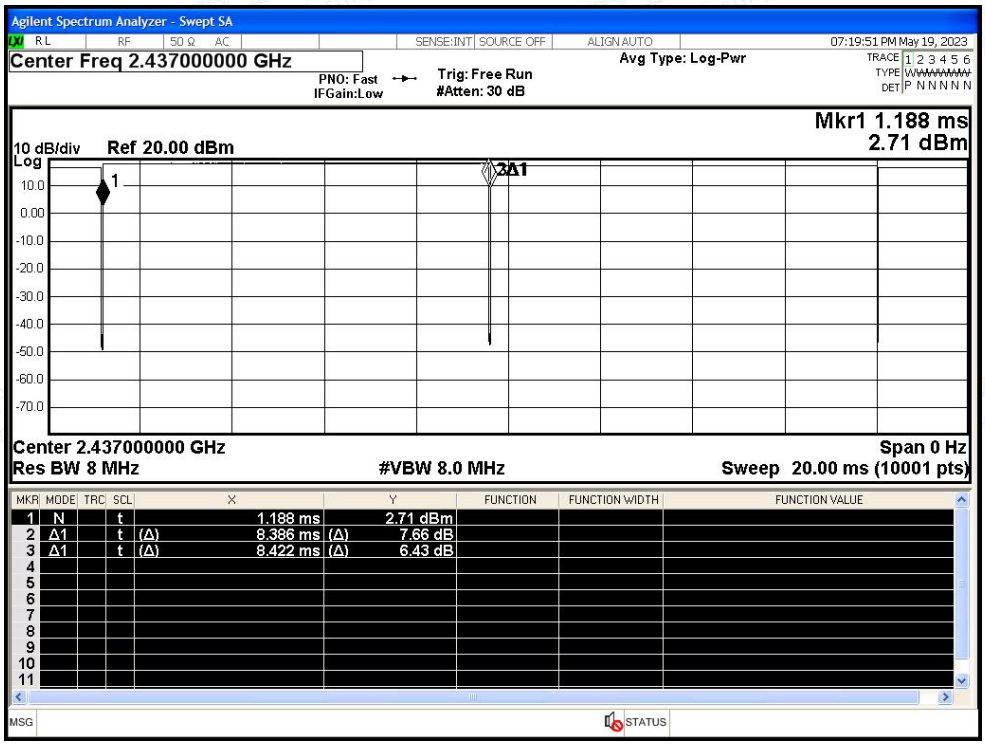
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant0	99.55	0	0.01
NVNT	b	2437	Ant0	99.57	0	0.01
NVNT	b	2462	Ant0	99.57	0	0.01
NVNT	g	2412	Ant0	96.94	0.13	0.72
NVNT	g	2437	Ant0	96.94	0.13	0.72
NVNT	g	2462	Ant0	96.94	0.13	0.72
NVNT	n20	2412	Ant0	96.73	0.14	0.77
NVNT	n20	2437	Ant0	96.73	0.14	0.77
NVNT	n20	2462	Ant0	96.73	0.14	0.77
NVNT	n40	2422	Ant0	93.64	0.29	1.54
NVNT	n40	2437	Ant0	93.64	0.29	1.54
NVNT	n40	2452	Ant0	93.64	0.29	1.54

Test Graphs

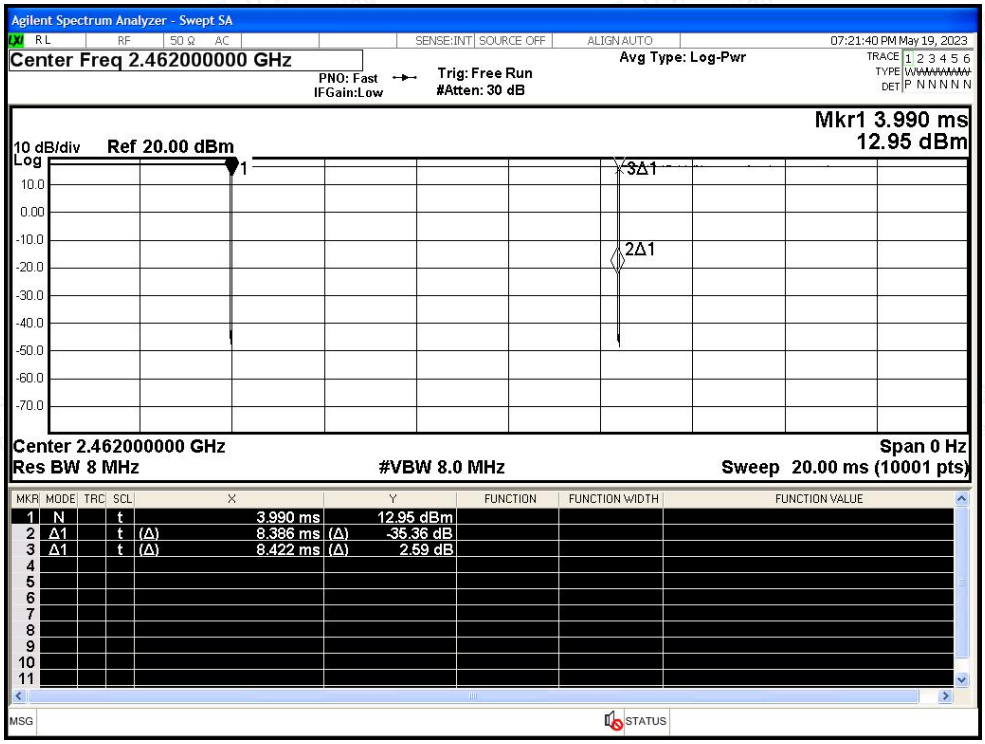
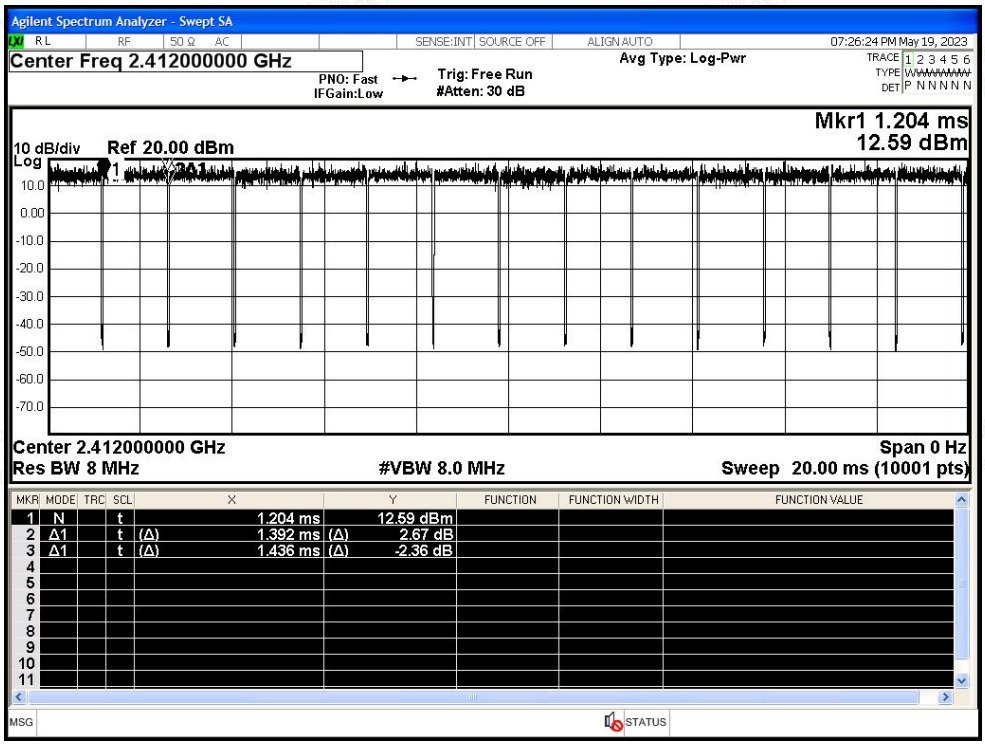
Duty Cycle NVNT b 2412MHz Ant0



Duty Cycle NVNT b 2437MHz Ant0



Duty Cycle NVNT b 2462MHz Ant0



Duty Cycle NVNT g 2412MHz Ant0