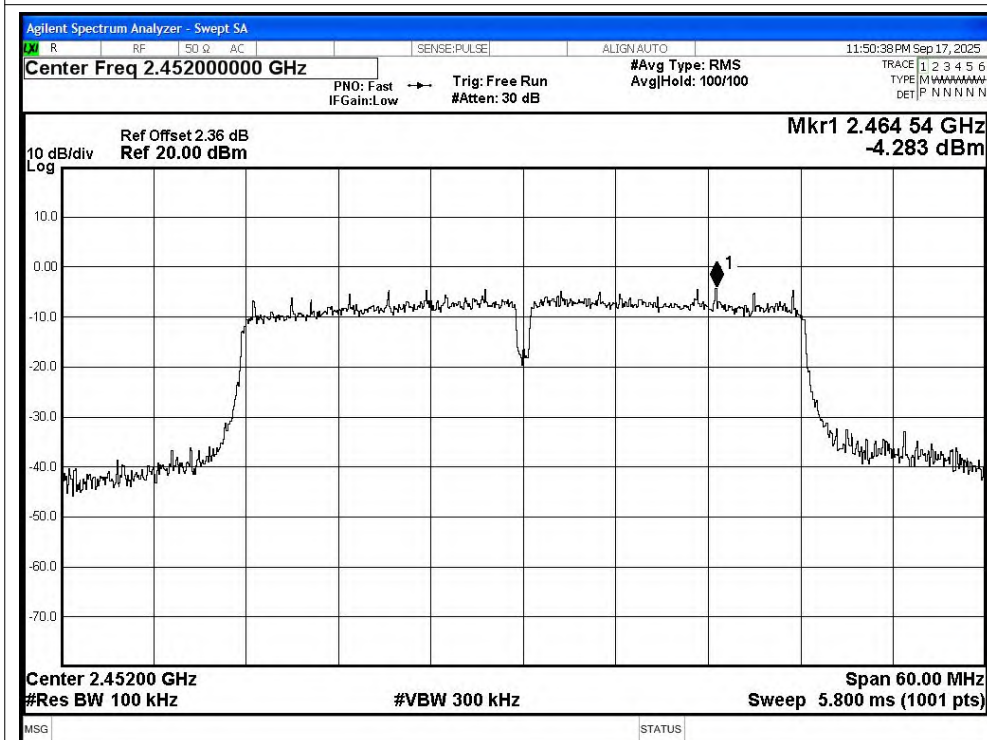
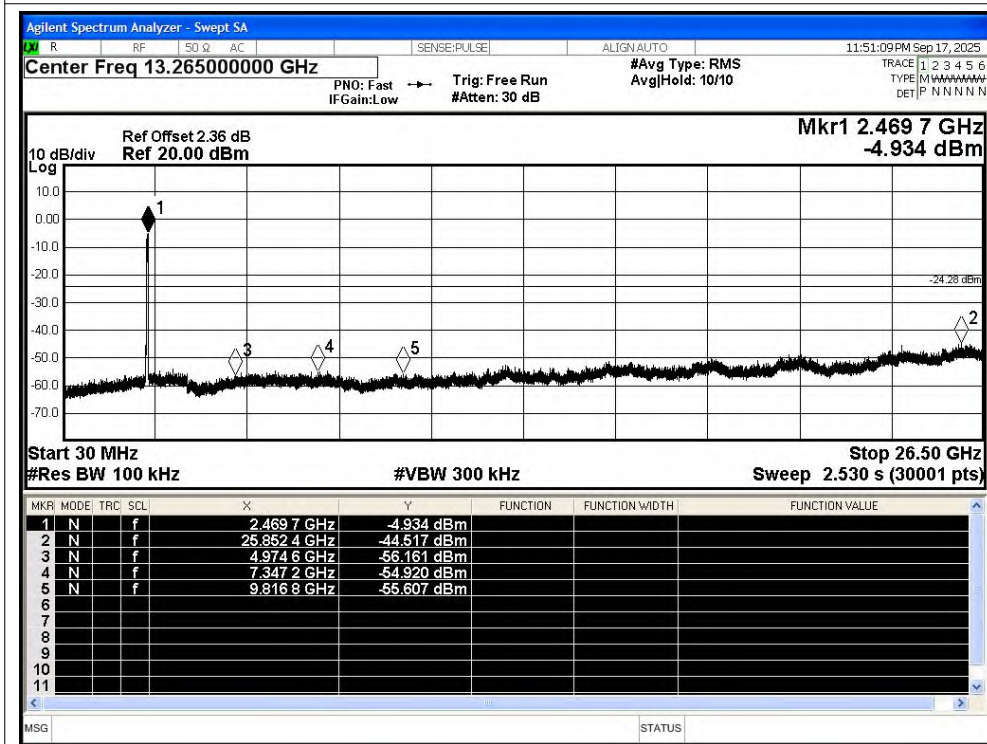


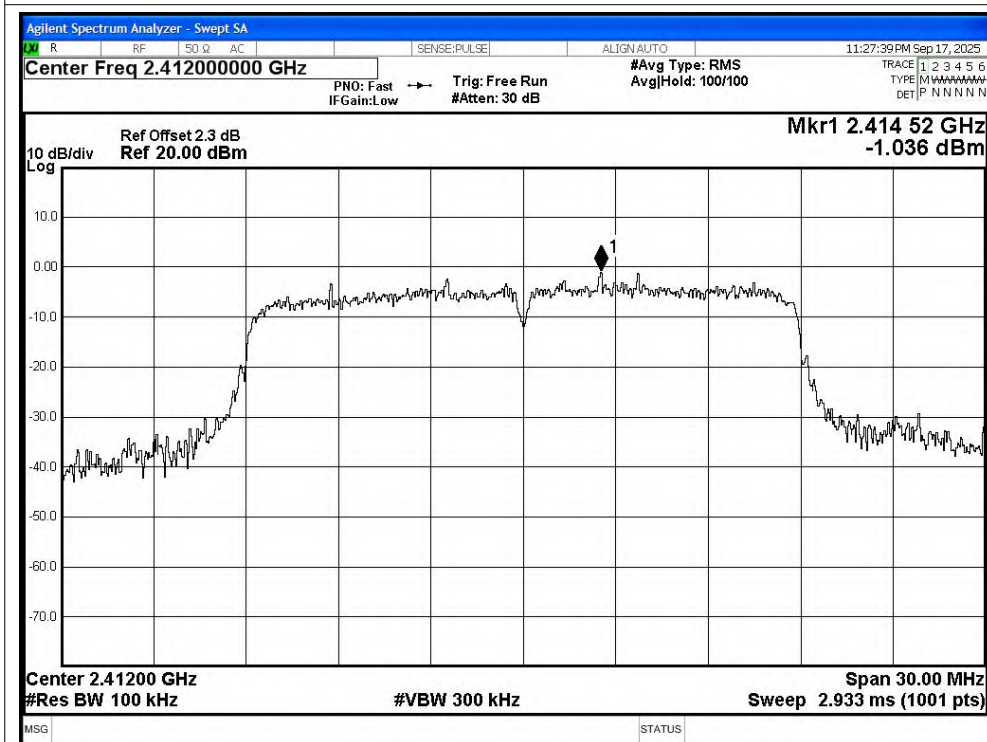
Tx. Spurious NVNT n40 2452MHz Ant1 Ref



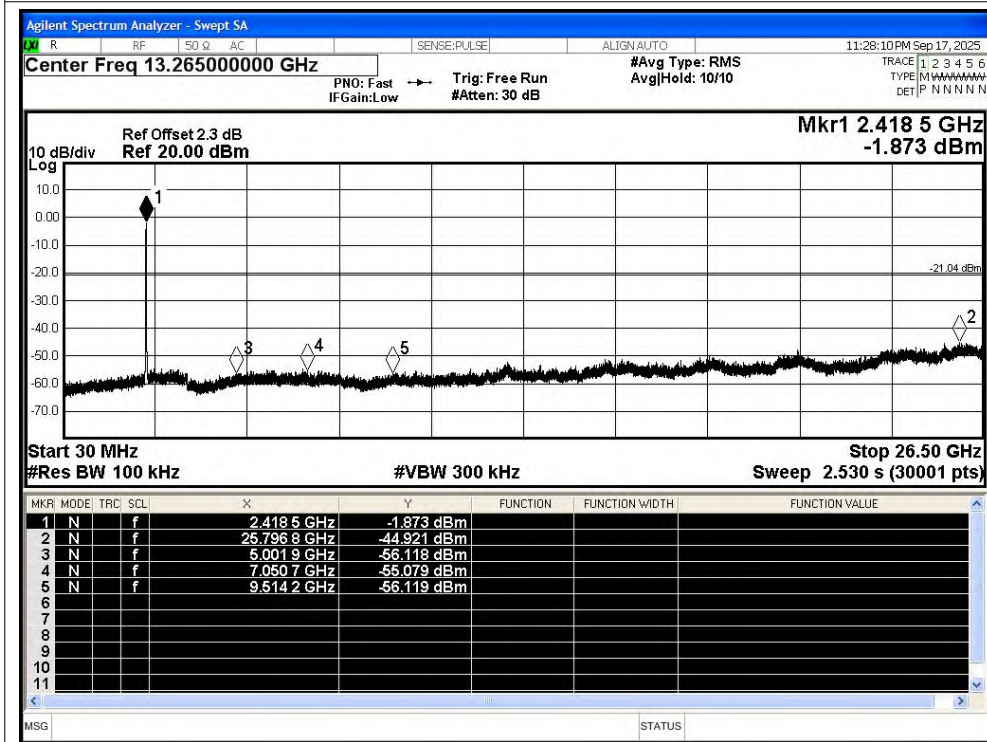
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



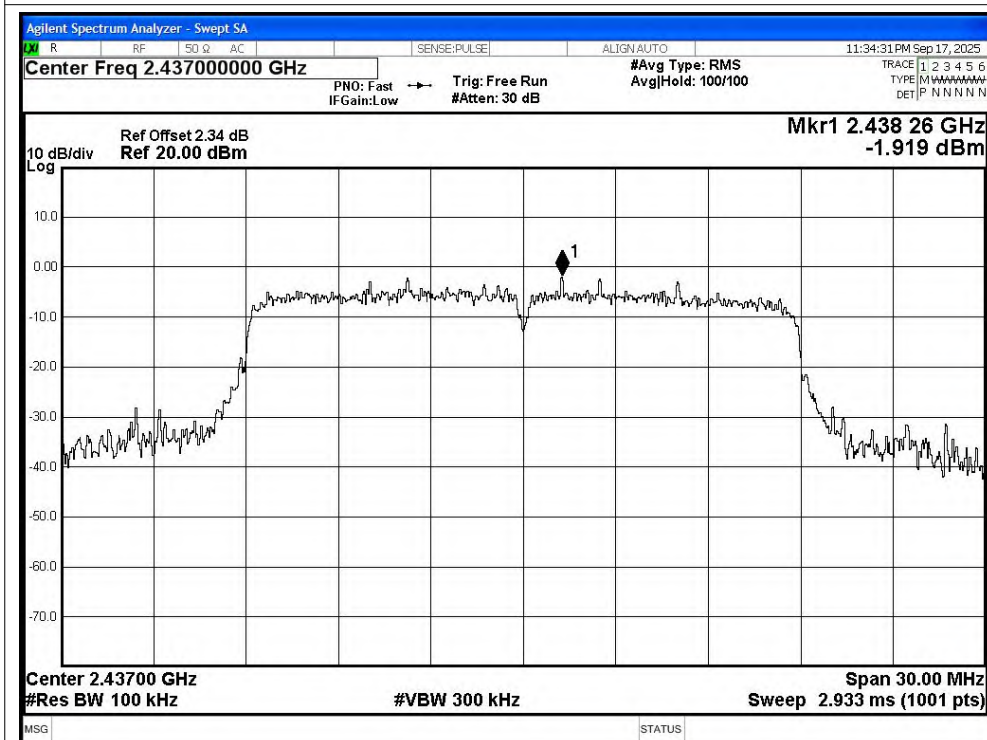
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



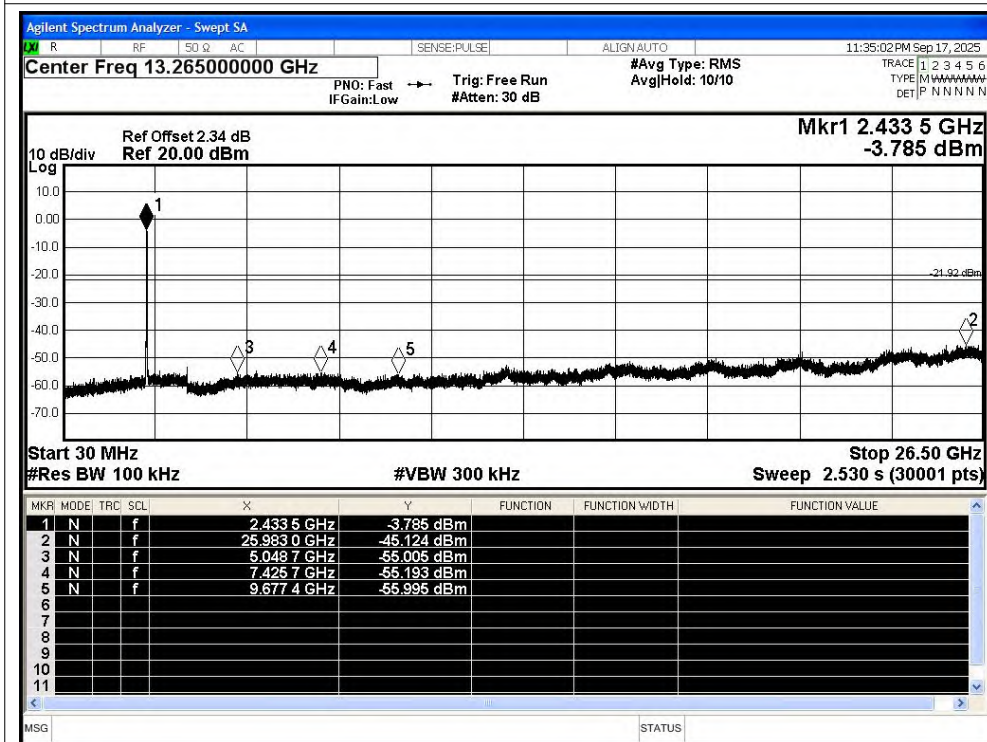
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



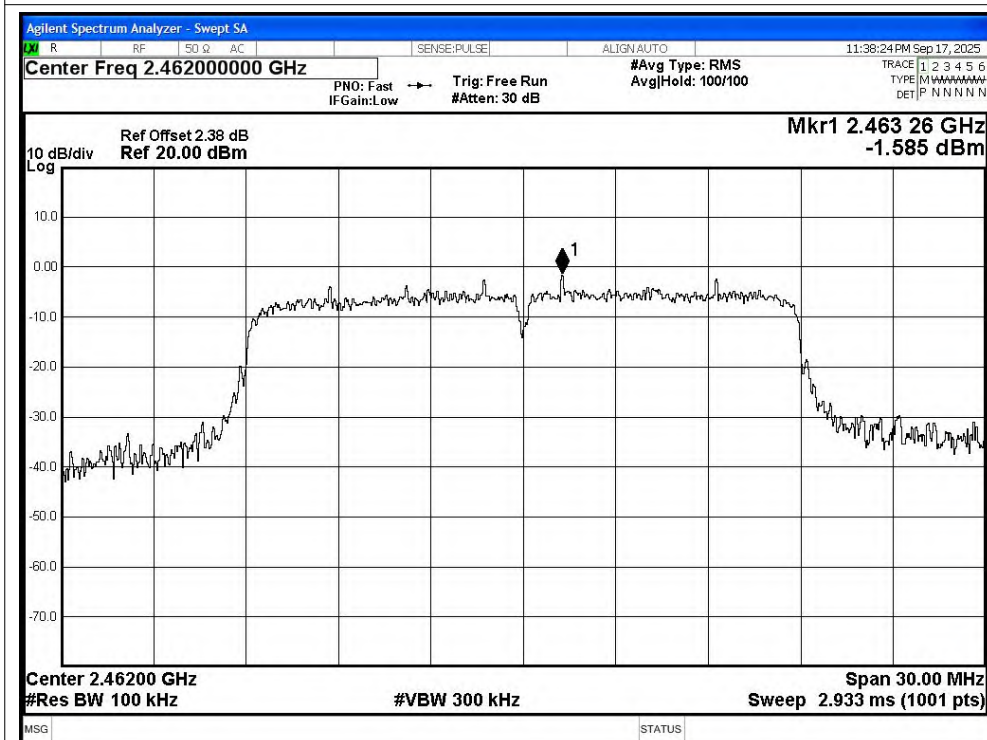
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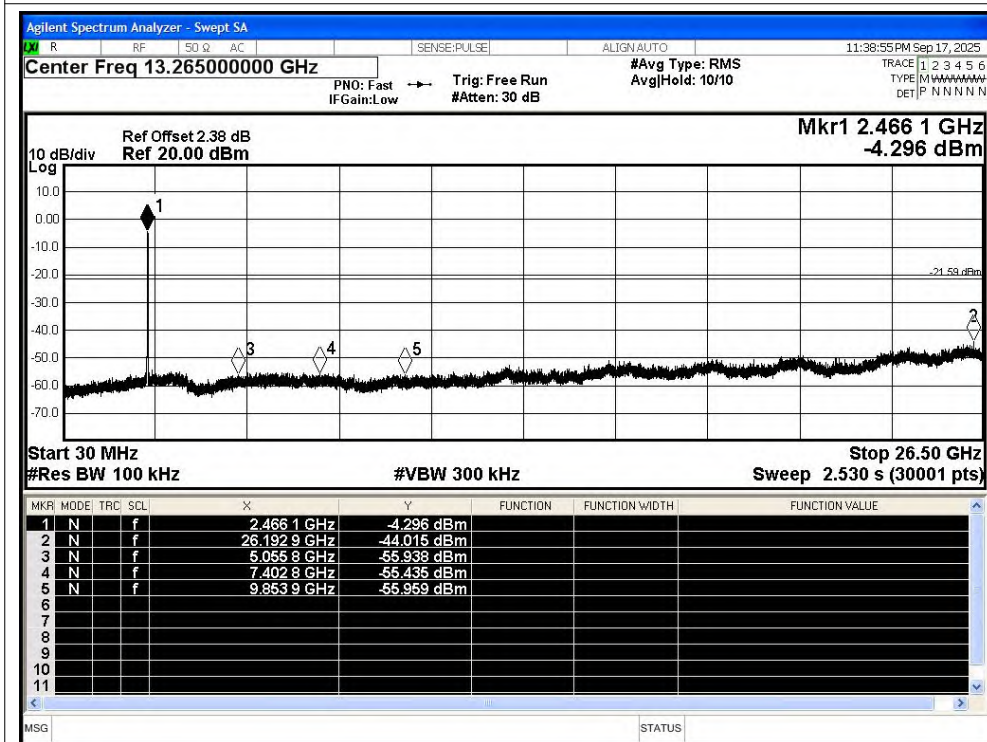
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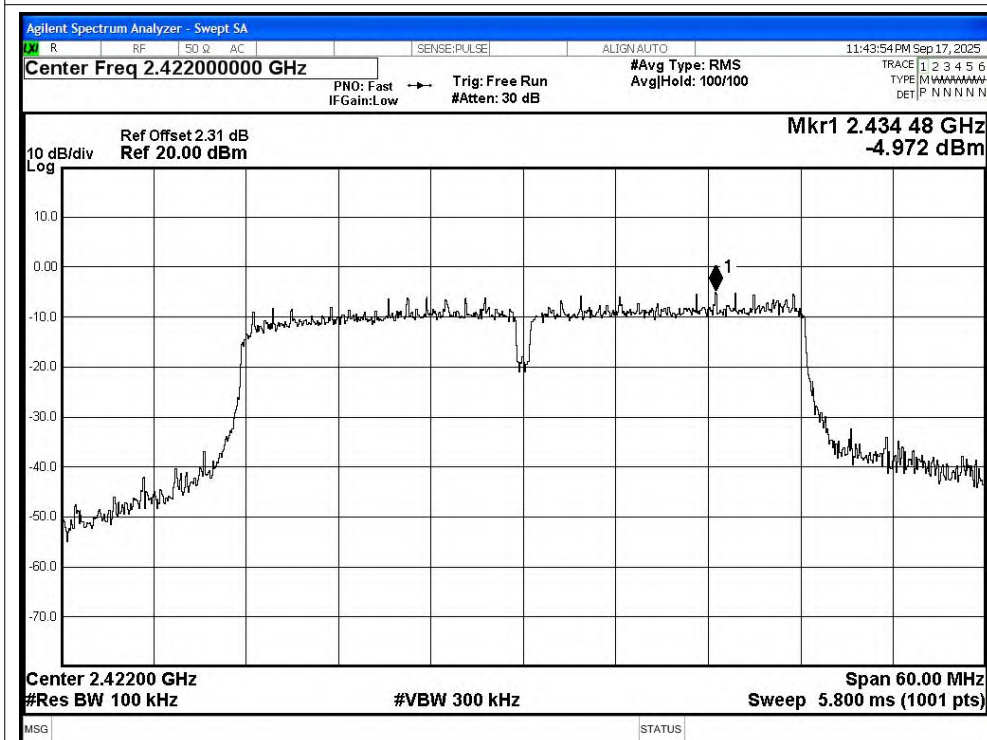
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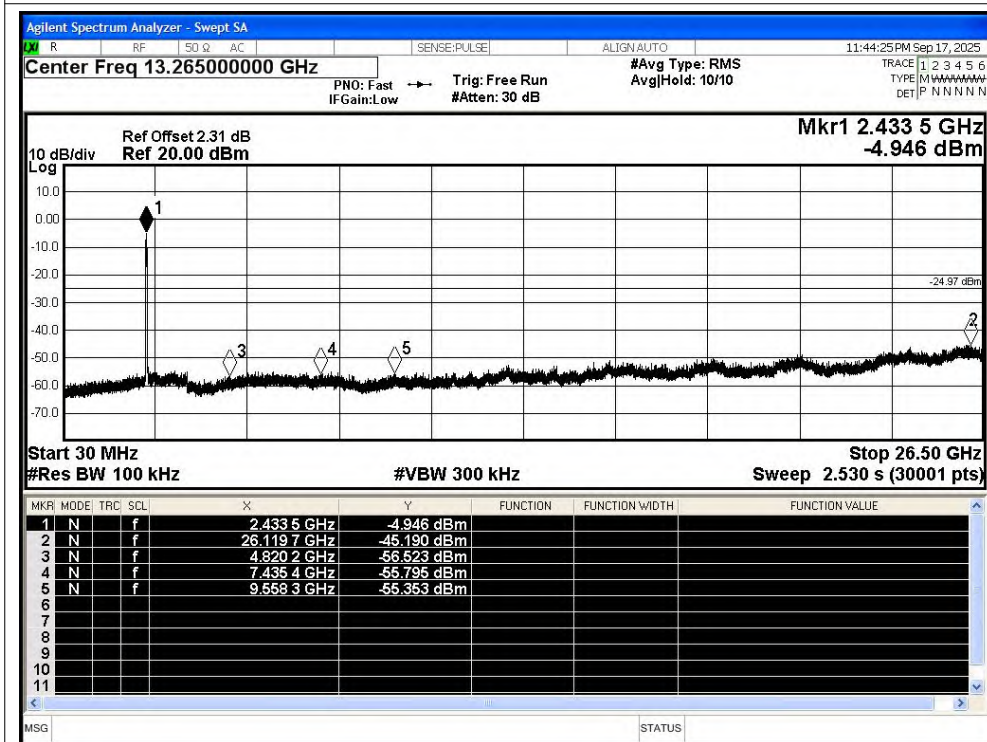
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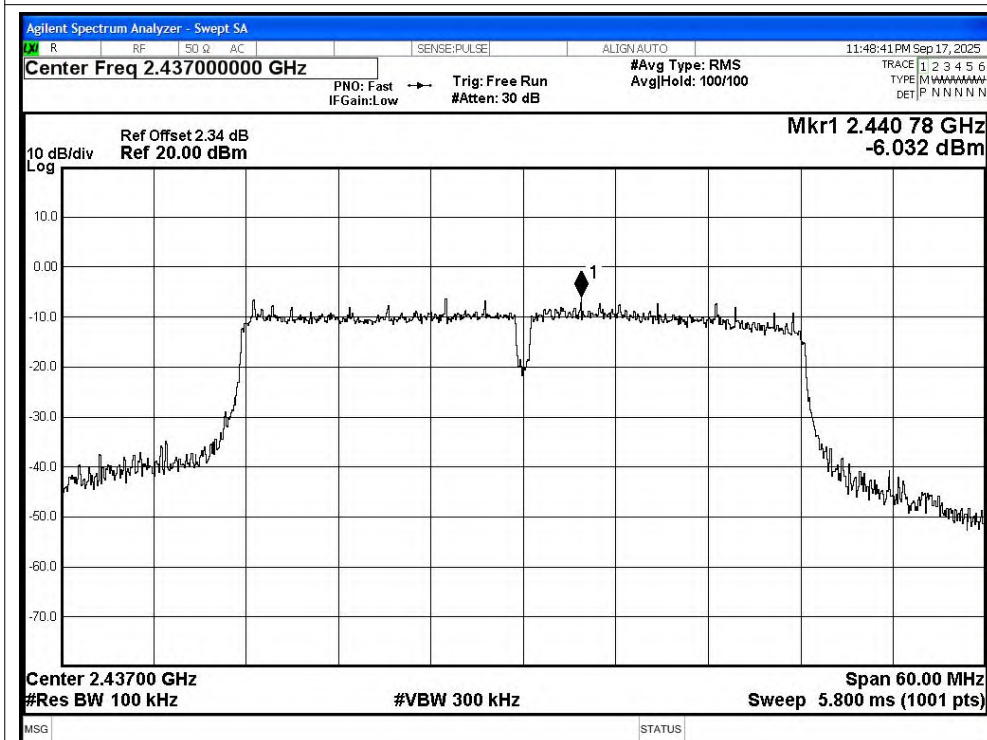
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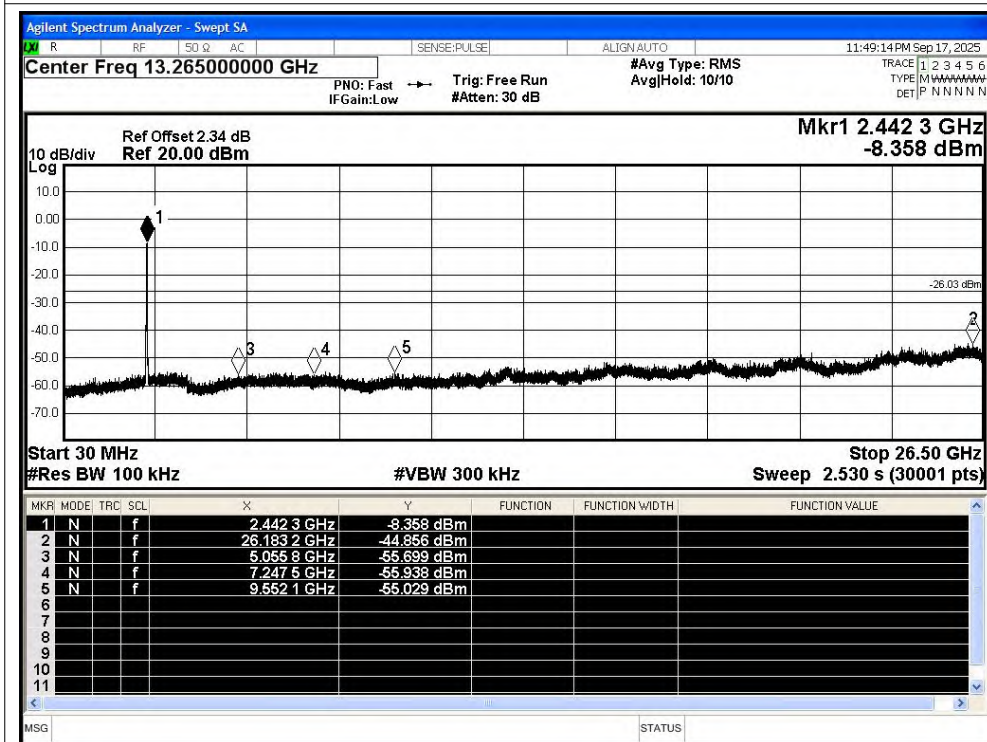
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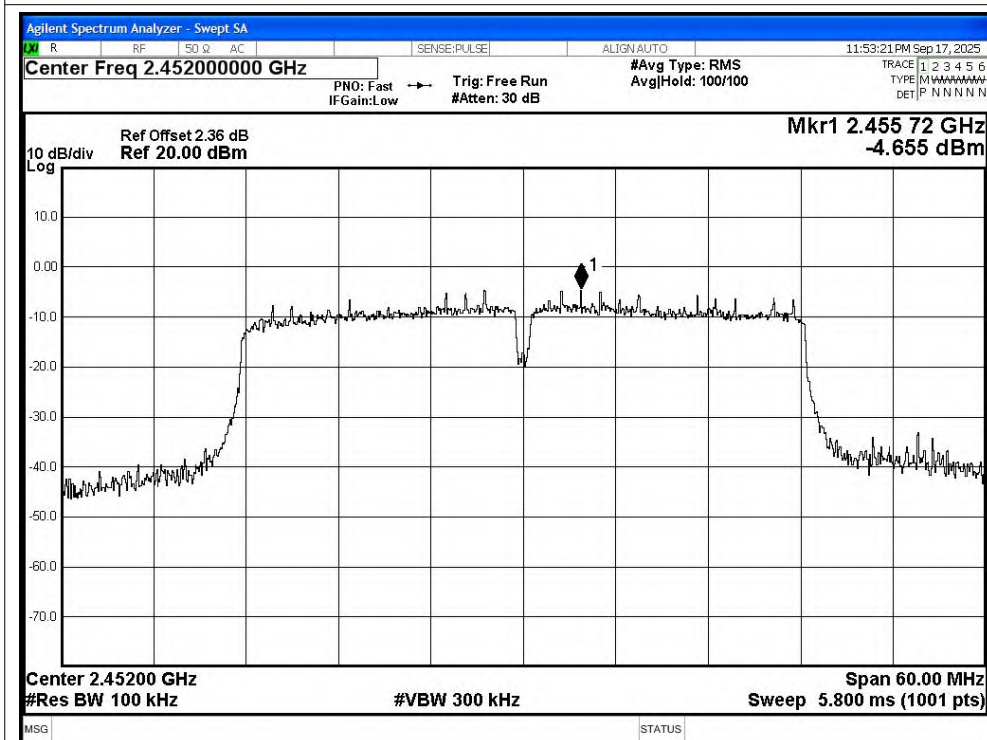
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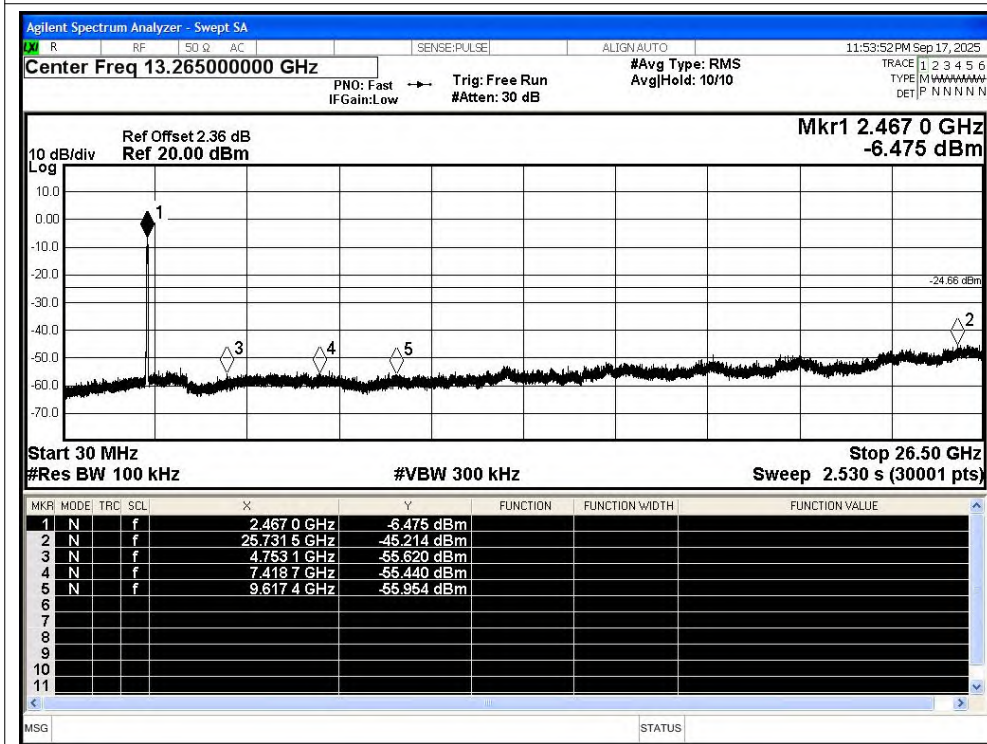
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Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Tx. Spurious NVNT ax40 2452MHz Ant1 Emission

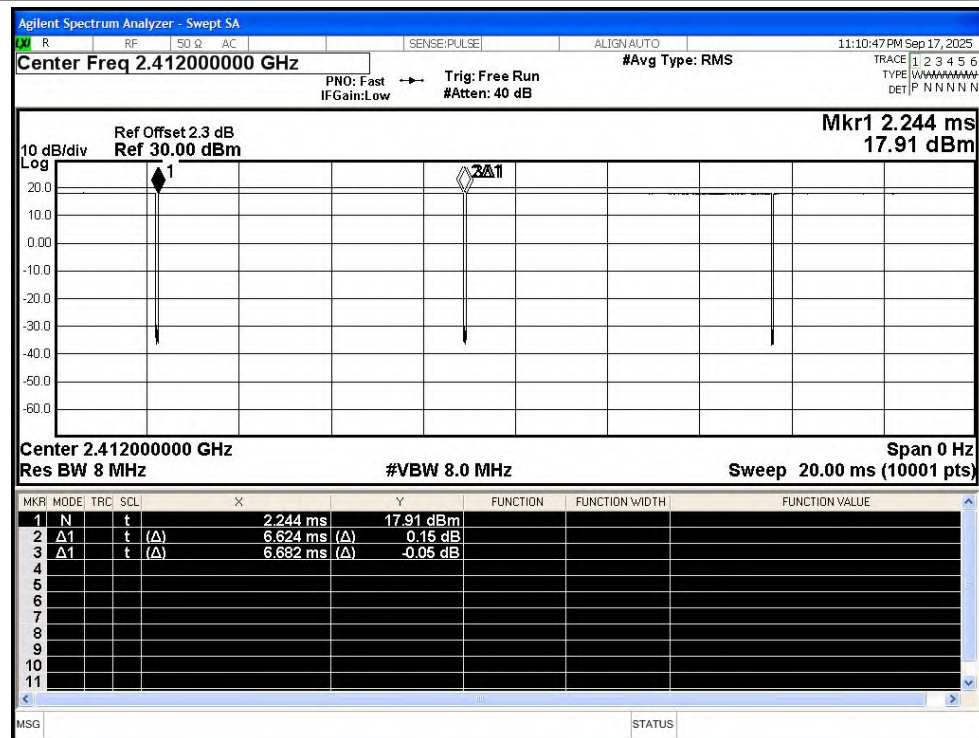


A.6 Duty Cycle

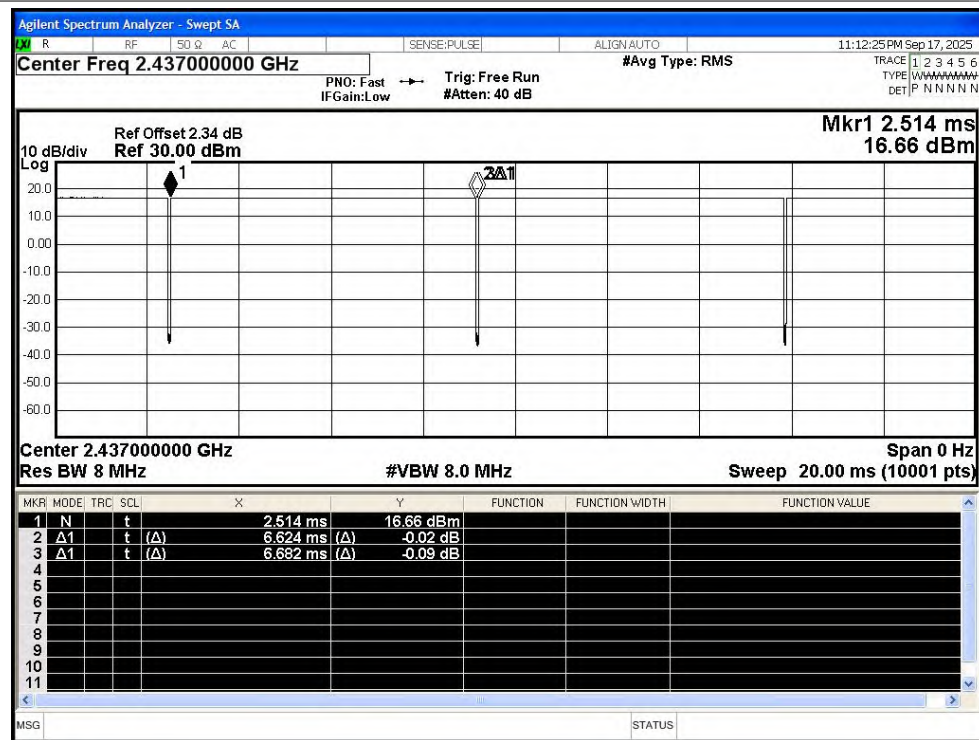
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.13	0	0.15
NVNT	b	2437	Ant1	99.13	0	0.15
NVNT	b	2462	Ant1	99.16	0	0.15
NVNT	g	2412	Ant1	97.68	0.1	0.37
NVNT	g	2437	Ant1	97.75	0.1	0.37
NVNT	g	2462	Ant1	97.75	0.1	0.37
NVNT	n20	2412	Ant1	97.25	0.12	0.44
NVNT	n20	2437	Ant1	97.29	0.12	0.44
NVNT	n20	2462	Ant1	97.33	0.12	0.44
NVNT	n40	2422	Ant1	94.71	0.24	0.9
NVNT	n40	2437	Ant1	94.71	0.24	0.9
NVNT	n40	2452	Ant1	94.71	0.24	0.9
NVNT	ax20	2412	Ant1	97.25	0.12	0.44
NVNT	ax20	2437	Ant1	97.25	0.12	0.44
NVNT	ax20	2462	Ant1	97.33	0.12	0.44
NVNT	ax40	2422	Ant1	94.7	0.24	0.9
NVNT	ax40	2437	Ant1	94.7	0.24	0.9
NVNT	ax40	2452	Ant1	94.71	0.24	0.9

Test Graphs

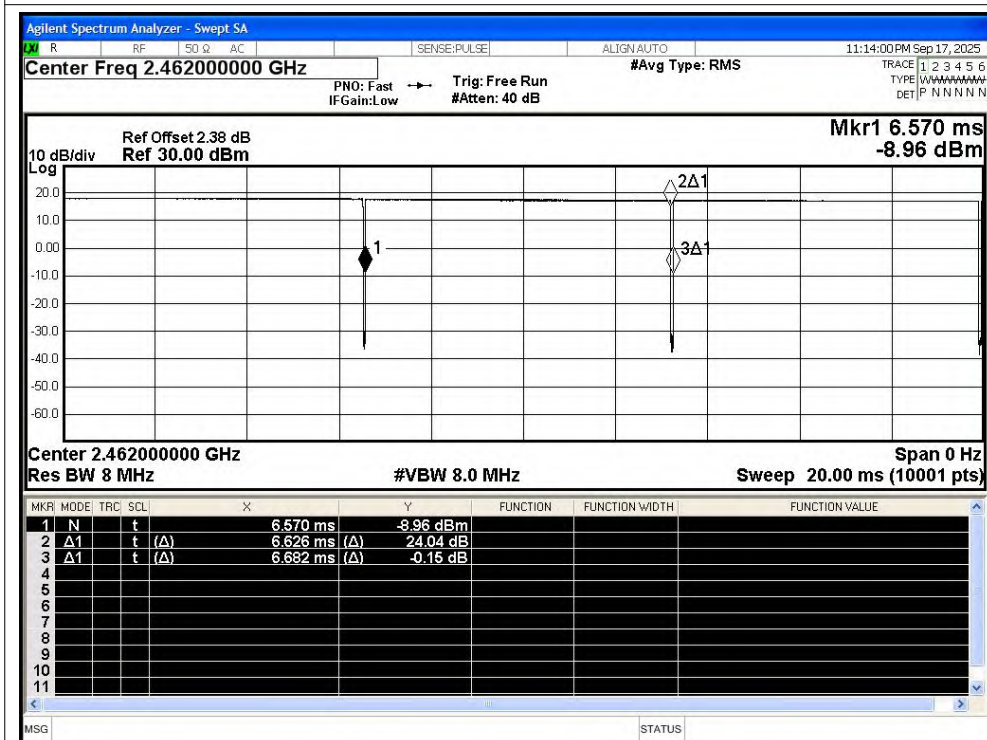
Duty Cycle NVNT b 2412MHz Ant1



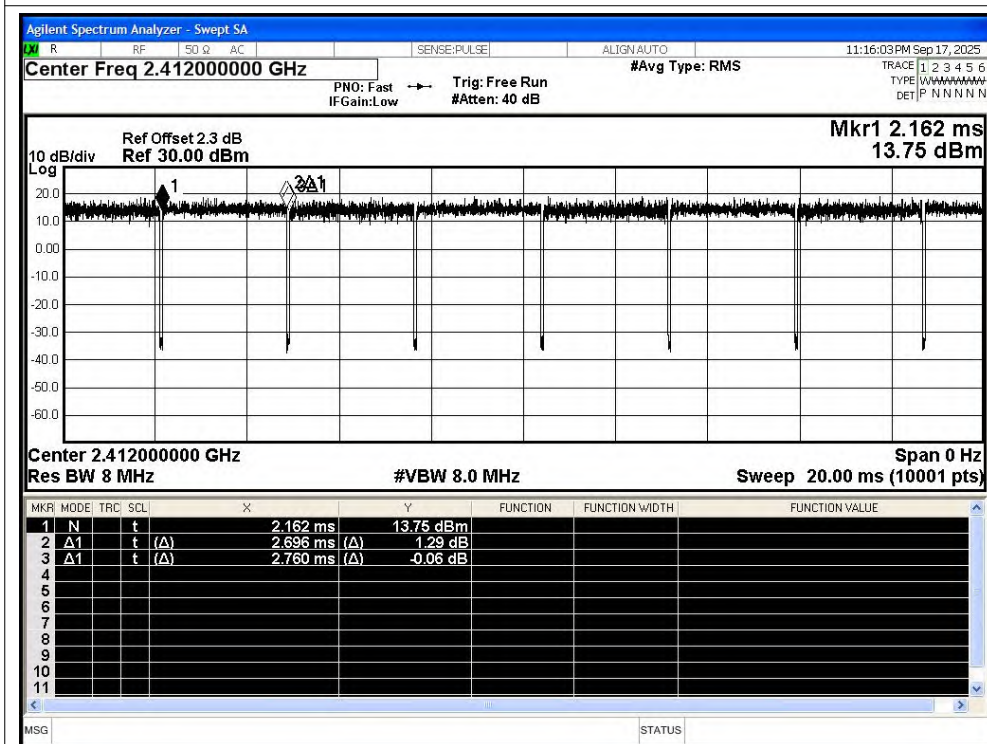
Duty Cycle NVNT b 2437MHz Ant1



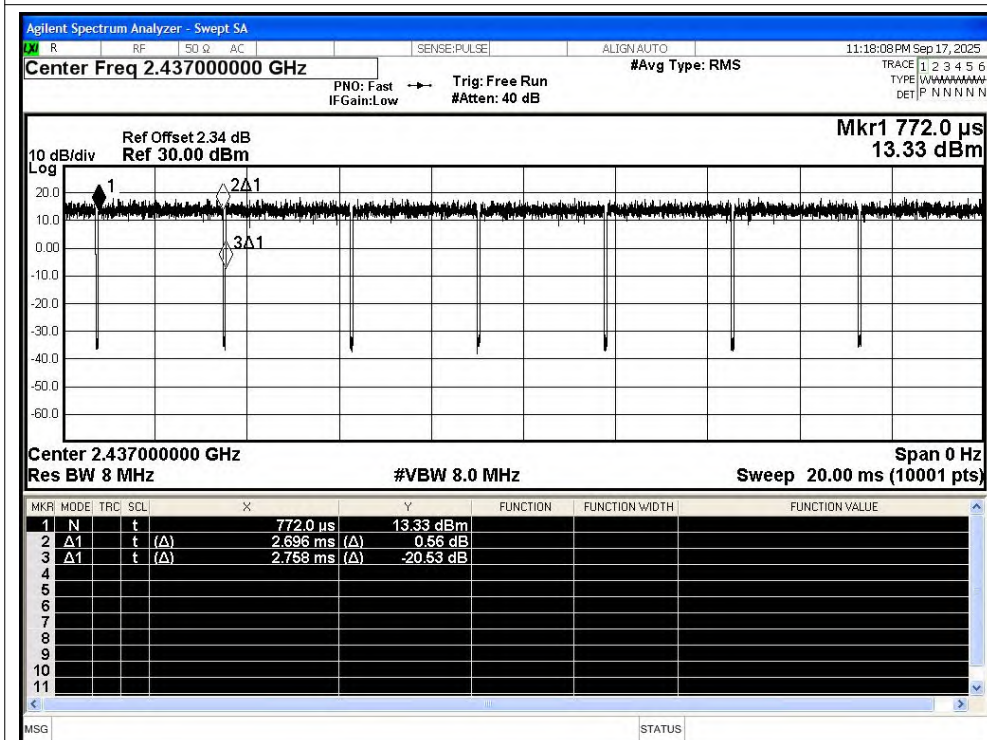
Duty Cycle NVNT b 2462MHz Ant1



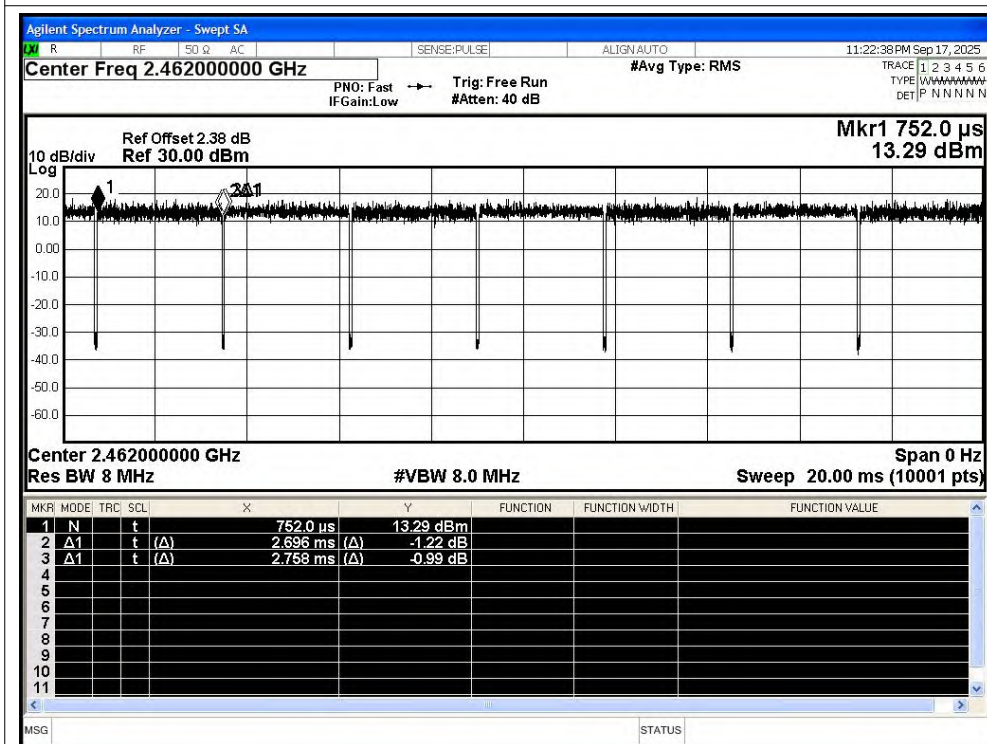
Duty Cycle NVNT g 2412MHz Ant1



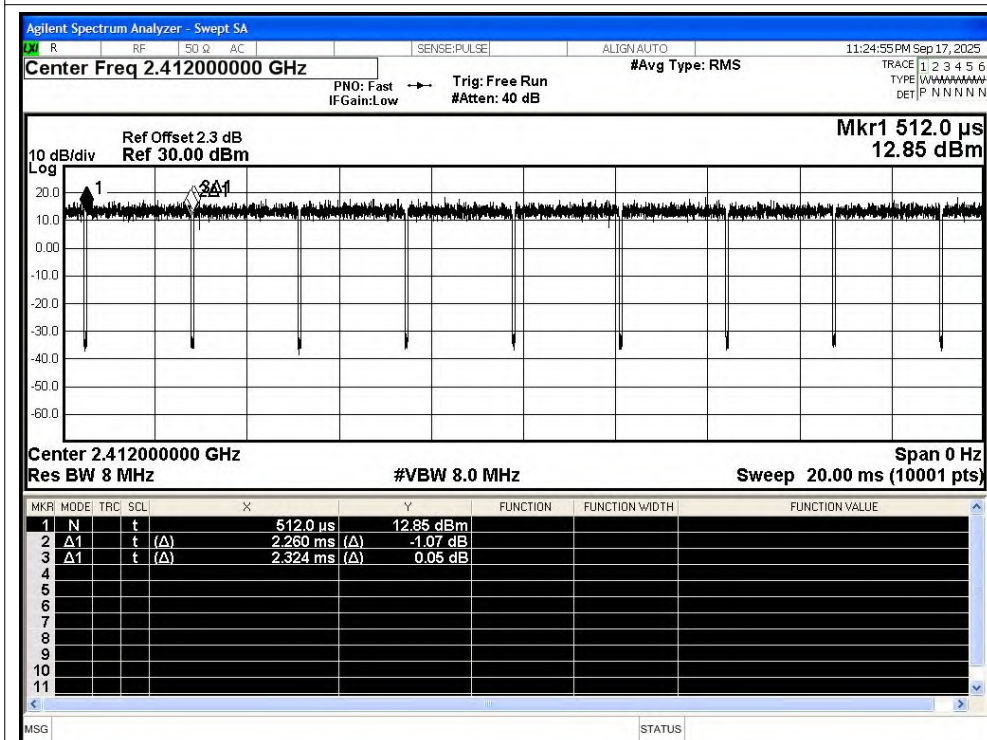
Duty Cycle NVNT g 2437MHz Ant1



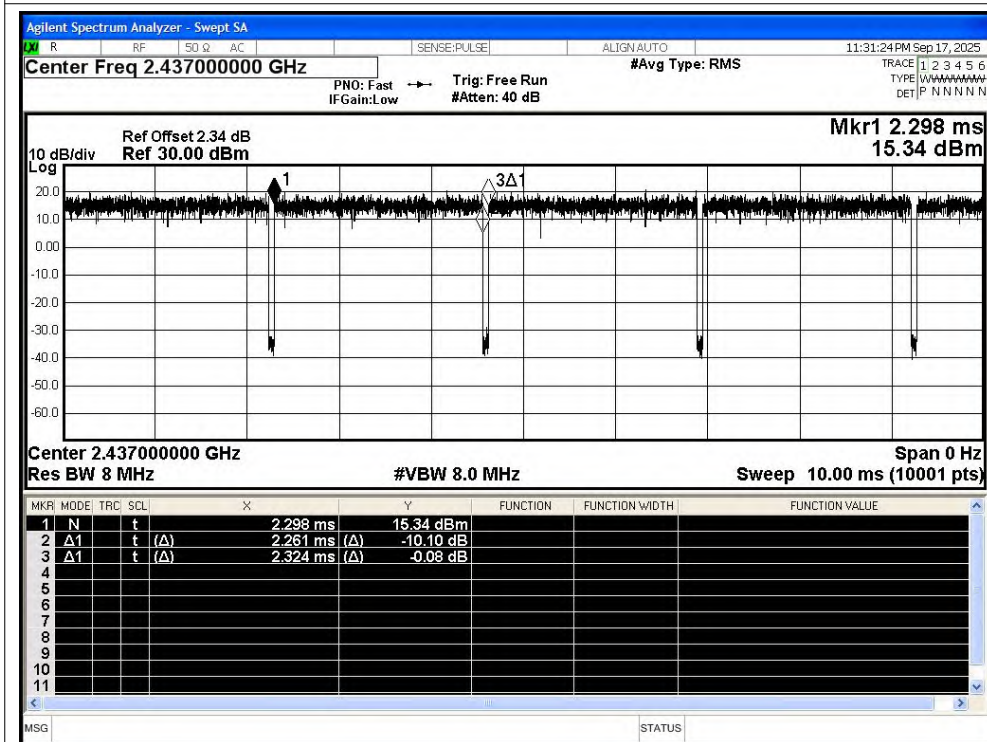
Duty Cycle NVNT g 2462MHz Ant1



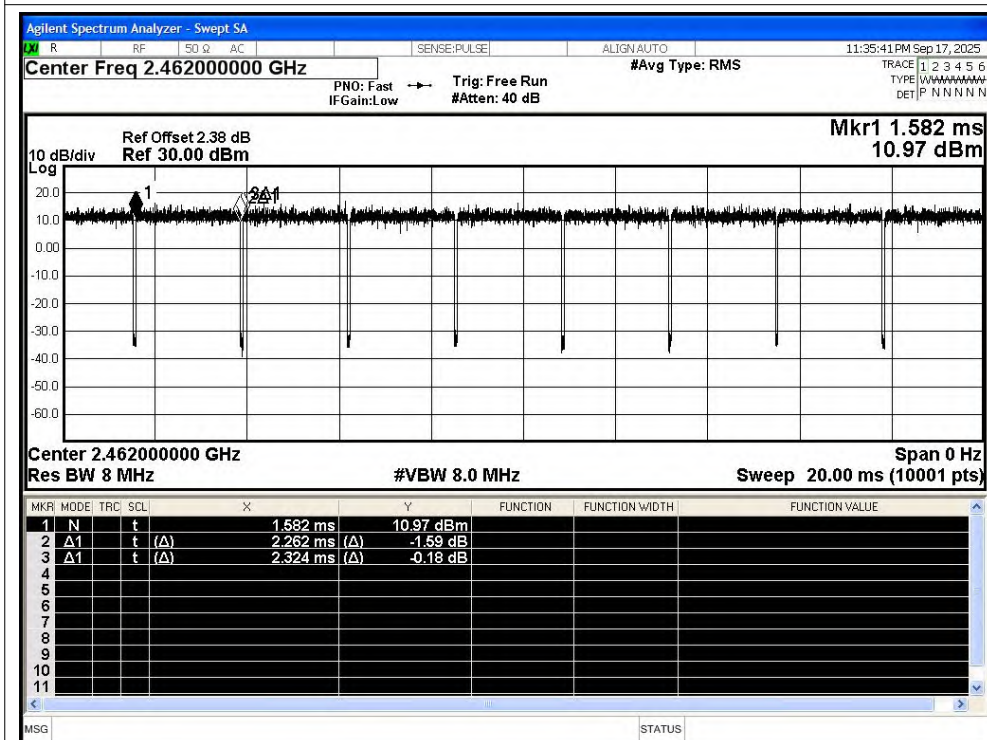
Duty Cycle NVNT n20 2412MHz Ant1



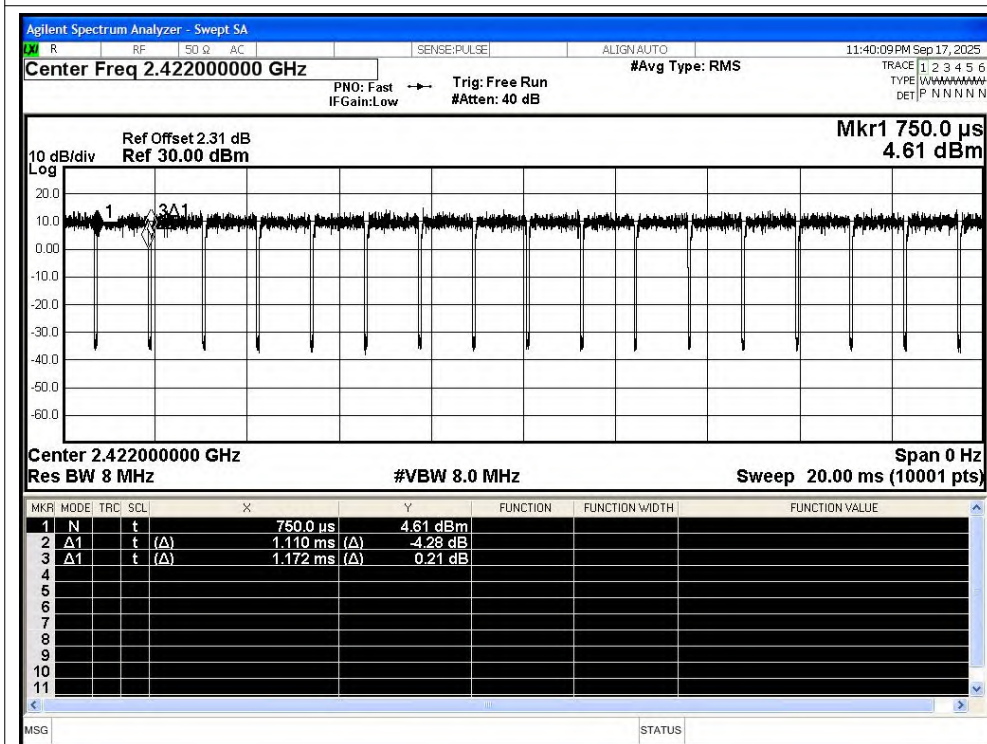
Duty Cycle NVNT n20 2437MHz Ant1



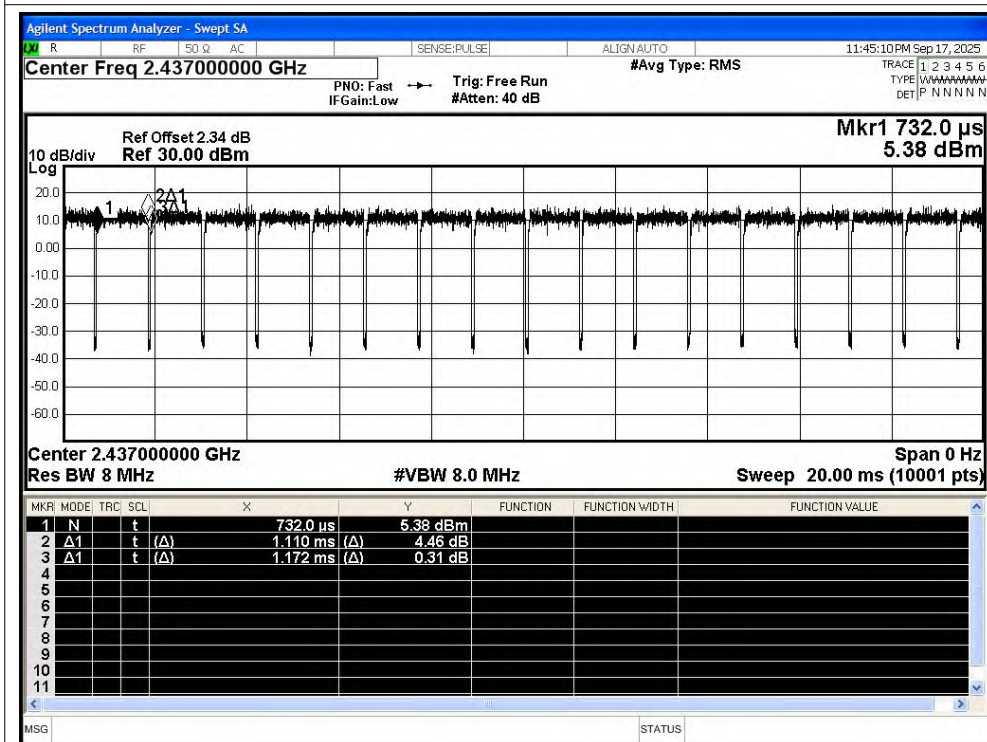
Duty Cycle NVNT n20 2462MHz Ant1



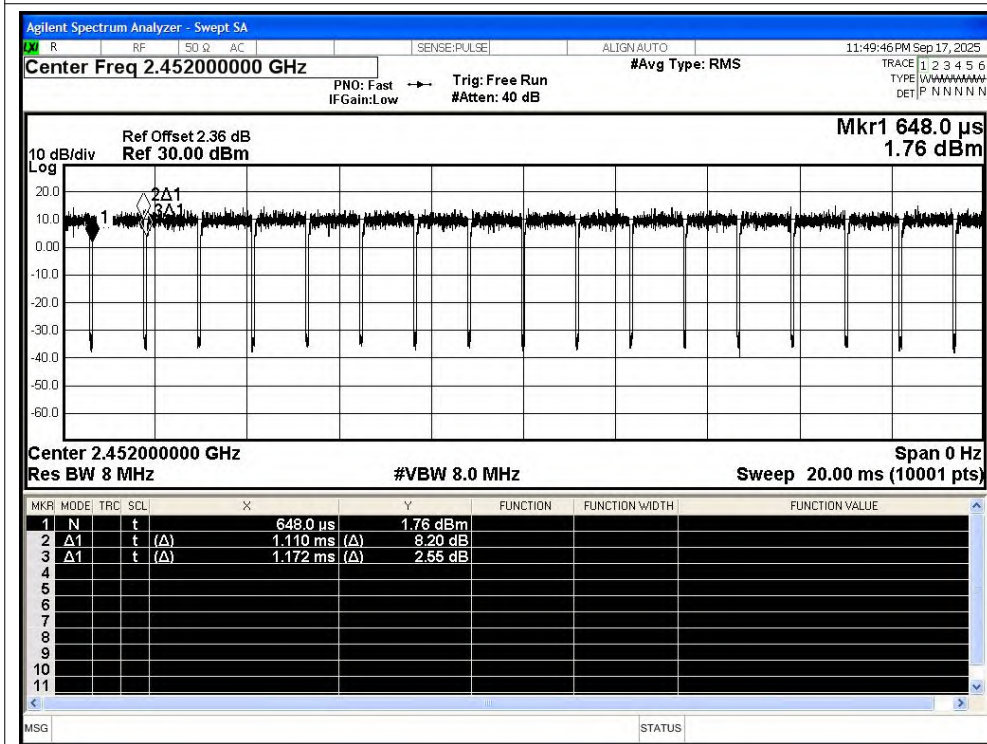
Duty Cycle NVNT n40 2422MHz Ant1



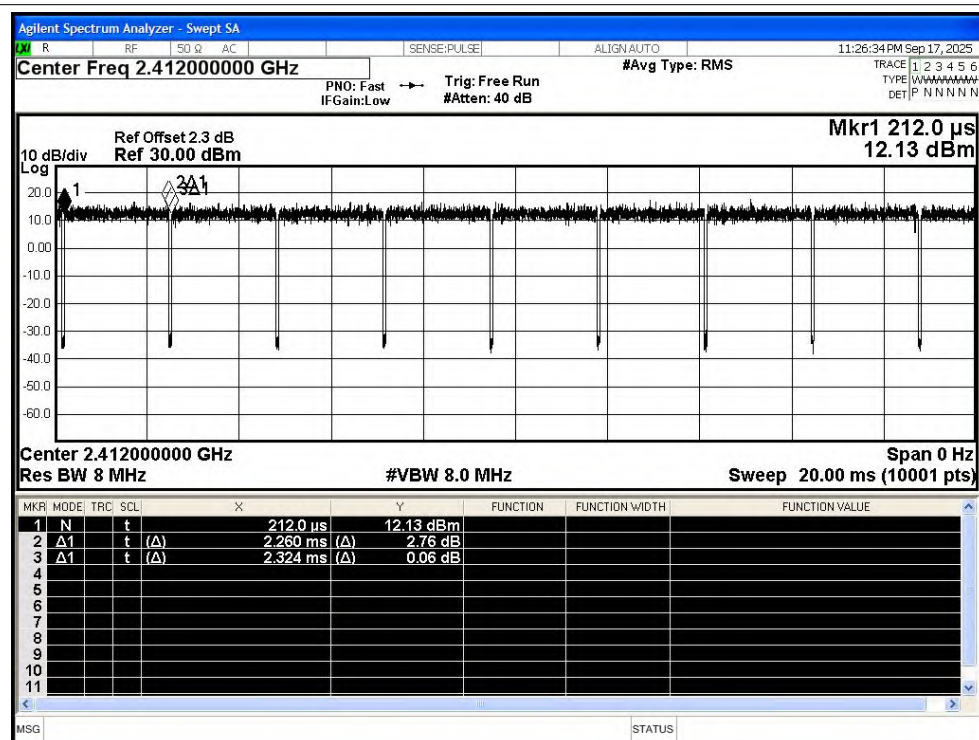
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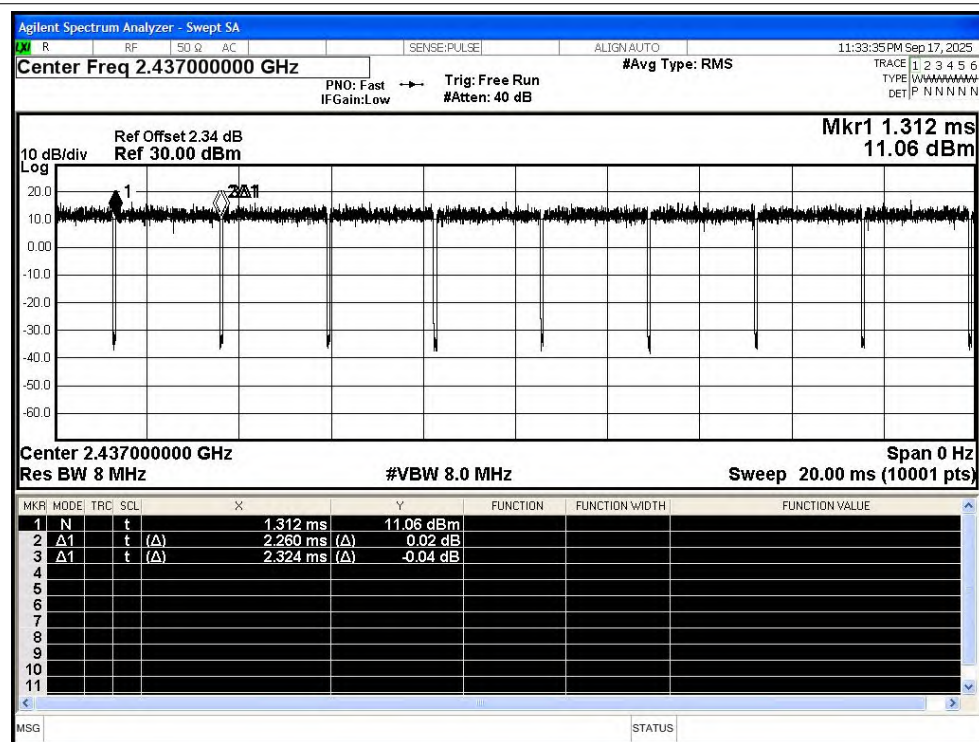
Duty Cycle NVNT n40 2452MHz Ant1



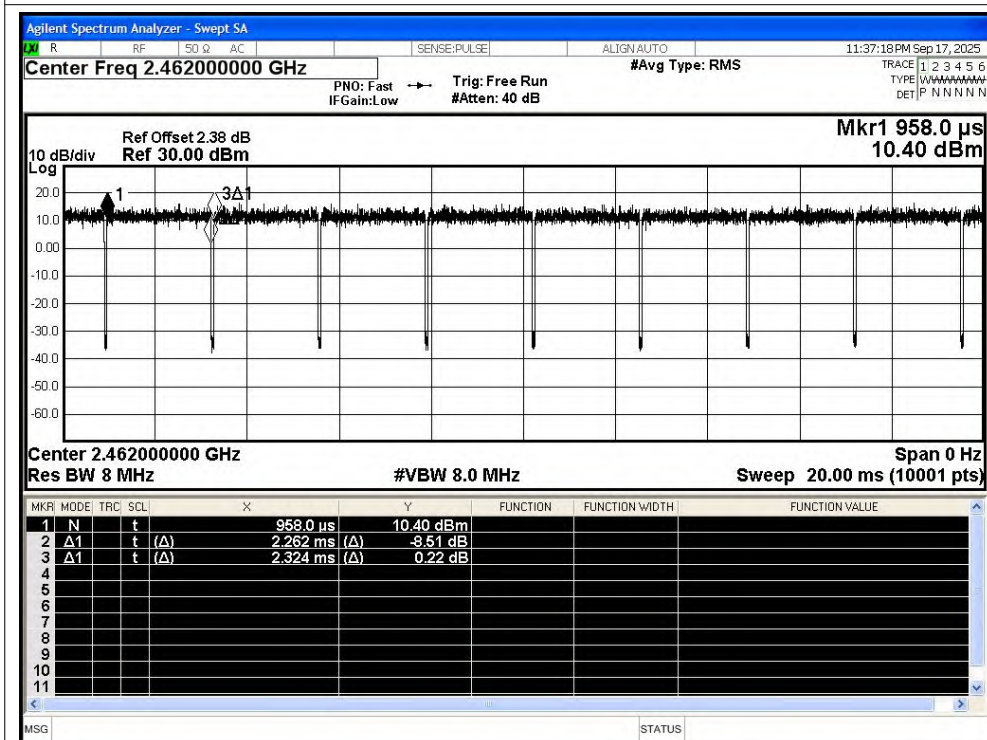
Duty Cycle NVNT ax20 2412MHz Ant1



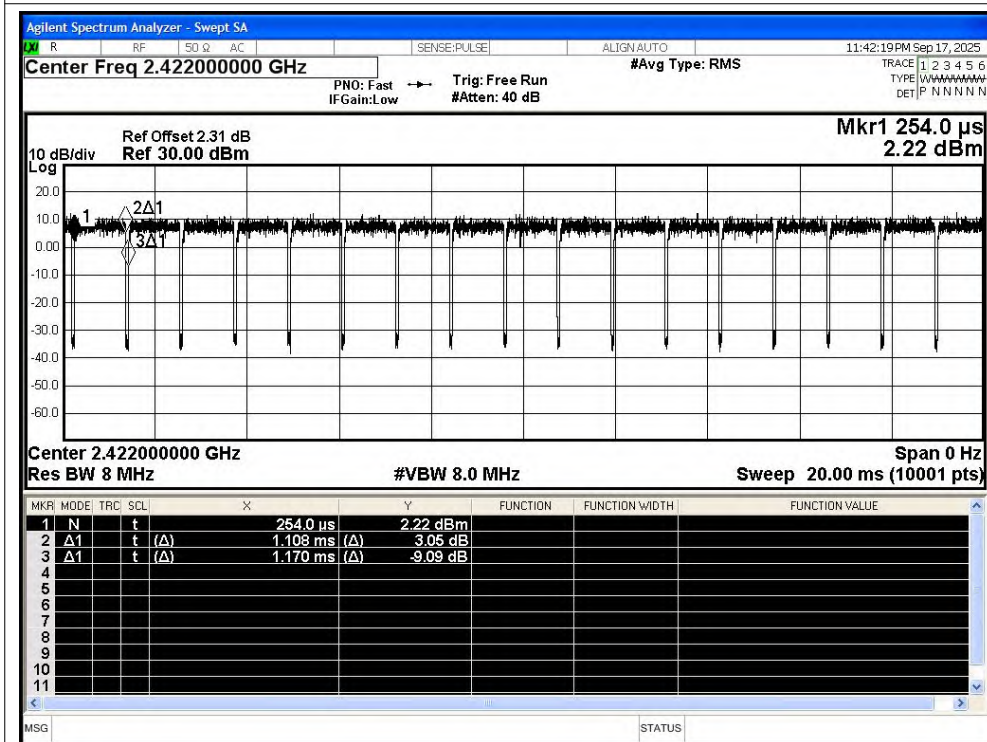
Duty Cycle NVNT ax20 2437MHz Ant1



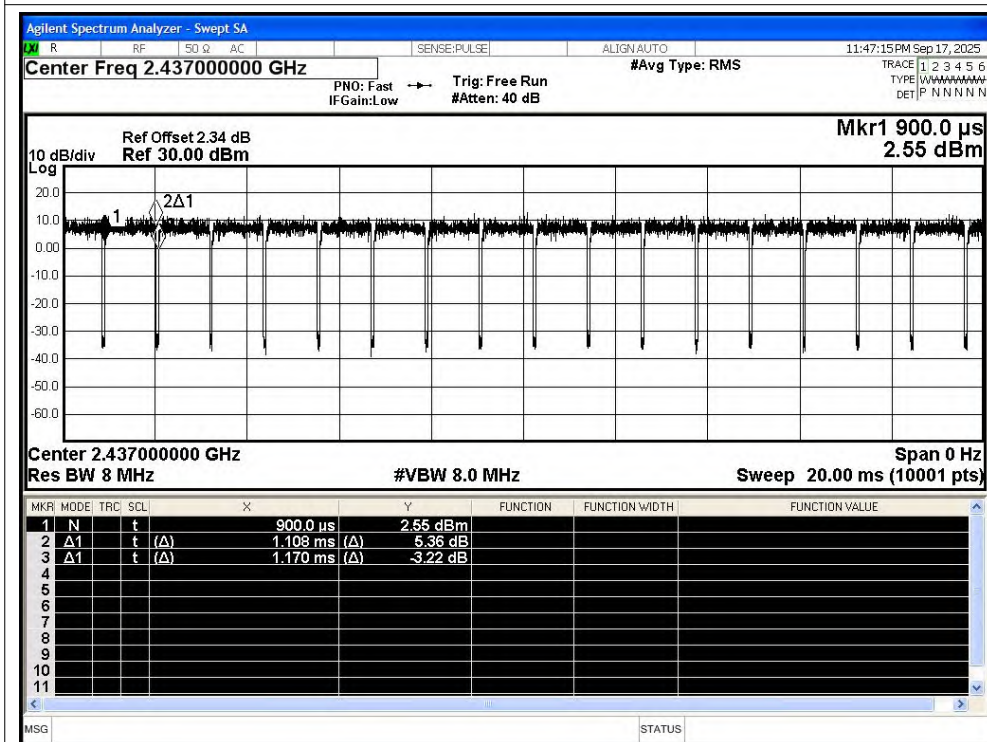
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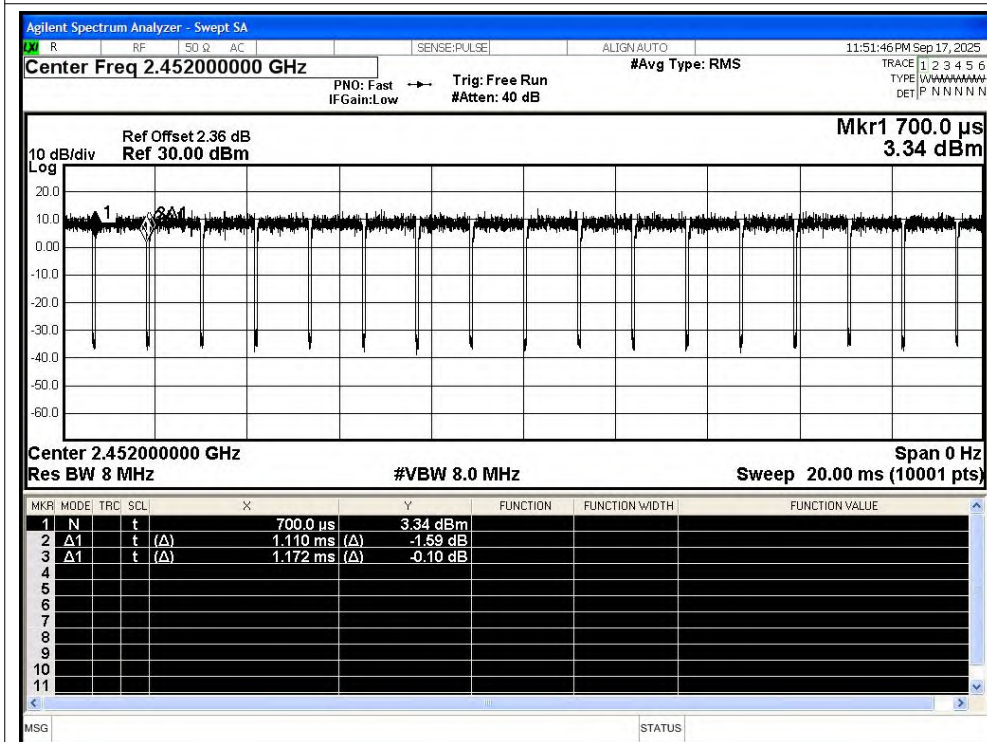
Duty Cycle NVNT ax40 2422MHz Ant1



Duty Cycle NVNT ax40 2437MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant1



A.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-50.36	1.73	-	46.6	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-58.55	1.73	0	38.41	Average	54	Pass
NVNT	b	2412	Ant1	2389.443	-46.75	1.73	-	50.21	Peak	74	Pass
NVNT	b	2412	Ant1	2389.56	-55.98	1.73	0	40.98	Average	54	Pass
NVNT	b	2412	Ant1	2390	-47.31	1.73	-	49.65	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-56.33	1.73	0	40.63	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-46.44	1.73	-	50.52	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-54.58	1.73	0	42.38	Average	54	Pass
NVNT	b	2462	Ant1	2485.107	-42.16	1.73	-	54.8	Peak	74	Pass
NVNT	b	2462	Ant1	2484.736	-53.54	1.73	0	43.42	Average	54	Pass
NVNT	b	2462	Ant1	2500	-50.01	1.73	-	46.95	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-57.87	1.73	0	39.09	Average	54	Pass
NVNT	g	2412	Ant1	2310	-51.36	1.73	-	45.6	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-58.71	1.73	0.1	38.35	Average	54	Pass
NVNT	g	2412	Ant1	2366.277	-46.7	1.73	-	50.26	Peak	74	Pass
NVNT	g	2412	Ant1	2388.975	-57.3	1.73	0.1	39.76	Average	54	Pass
NVNT	g	2412	Ant1	2390	-49.51	1.73	-	47.45	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-57.22	1.73	0.1	39.84	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-44.45	1.73	-	52.51	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-55.63	1.73	0.1	41.43	Average	54	Pass
NVNT	g	2462	Ant1	2483.623	-40.54	1.73	-	56.42	Peak	74	Pass
NVNT	g	2462	Ant1	2484.206	-55.45	1.73	0.1	41.61	Average	54	Pass
NVNT	g	2462	Ant1	2500	-49.03	1.73	-	47.93	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-58.27	1.73	0.1	38.79	Average	54	Pass
NVNT	n20	2412	Ant1	2310	-50.03	1.73	-	46.93	Peak	74	Pass
NVNT	n20	2412	Ant1	2310	-58.41	1.73	0.12	38.67	Average	54	Pass
NVNT	n20	2412	Ant1	2389.209	-44.9	1.73	-	52.06	Peak	74	Pass
NVNT	n20	2412	Ant1	2389.911	-56.5	1.73	0.12	40.58	Average	54	Pass
NVNT	n20	2412	Ant1	2390	-47.46	1.73	-	49.5	Peak	74	Pass
NVNT	n20	2412	Ant1	2390	-56.58	1.73	0.12	40.5	Average	54	Pass
NVNT	n20	2462	Ant1	2483.5	-45.64	1.73	-	51.32	Peak	74	Pass
NVNT	n20	2462	Ant1	2483.5	-55.39	1.73	0.12	41.69	Average	54	Pass
NVNT	n20	2462	Ant1	2483.994	-39.09	1.73	-	57.87	Peak	74	Pass
NVNT	n20	2462	Ant1	2484.047	-54.34	1.73	0.12	42.74	Average	54	Pass
NVNT	n20	2462	Ant1	2500	-49.92	1.73	-	47.04	Peak	74	Pass
NVNT	n20	2462	Ant1	2500	-57.45	1.73	0.12	39.63	Average	54	Pass
NVNT	n40	2422	Ant1	2310	-49.38	1.73	-	47.58	Peak	74	Pass

Guangzhou LCS Compliance Testing Laboratory Ltd.

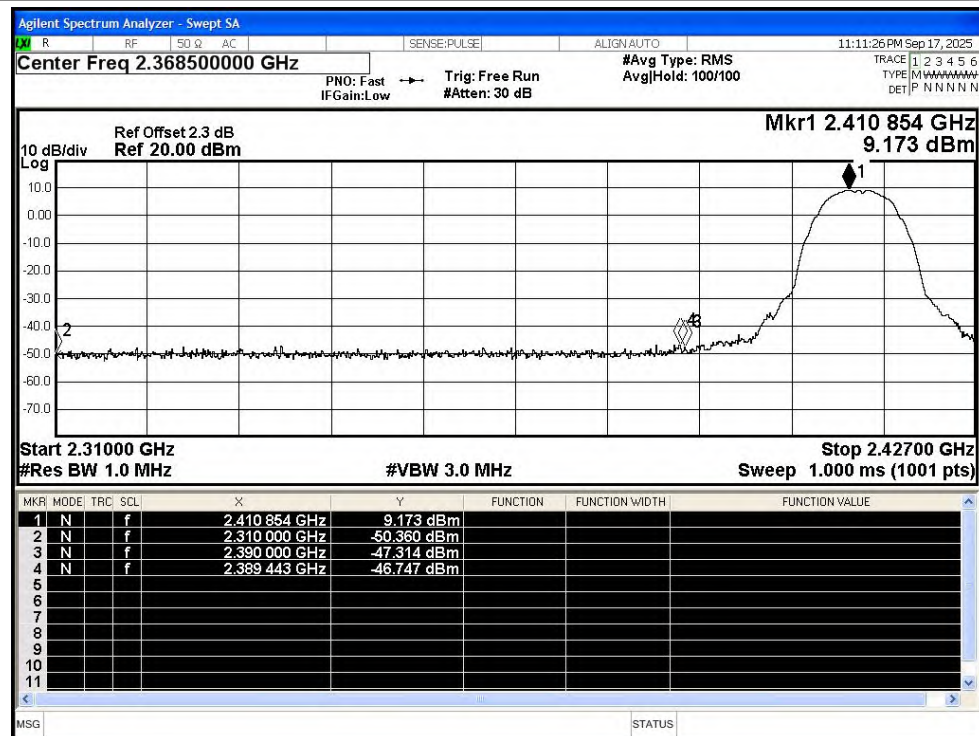
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

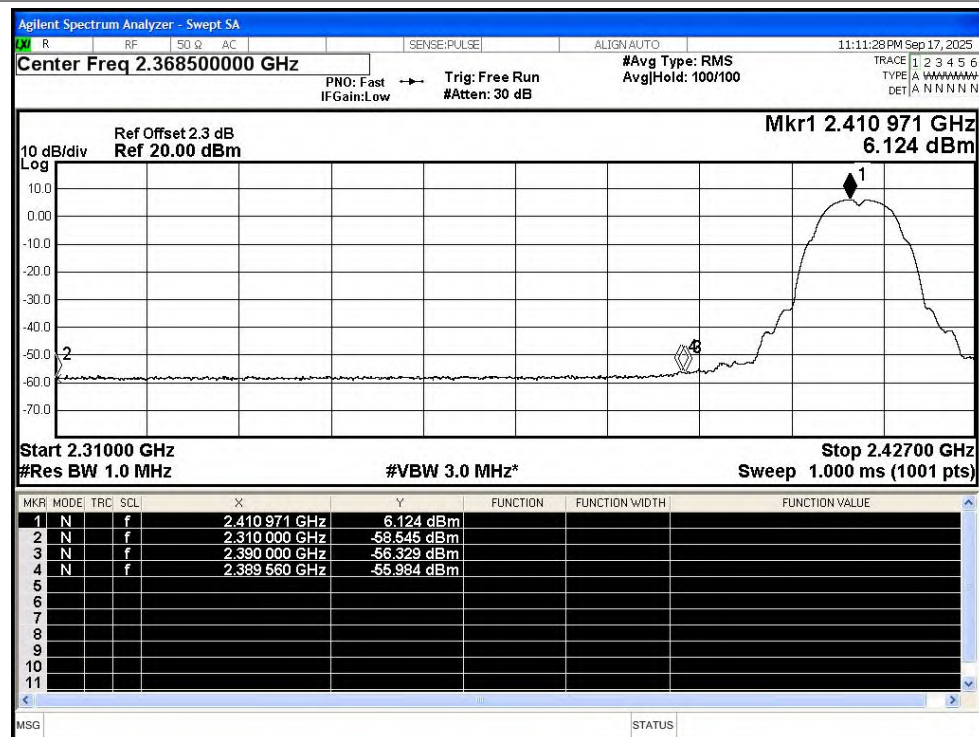
NVNT	n40	2422	Ant1	2310	-58.47	1.73	0.24	38.73	Average	54	Pass
NVNT	n40	2422	Ant1	2389.804	-43.82	1.73	-	53.14	Peak	74	Pass
NVNT	n40	2422	Ant1	2389.662	-55.77	1.73	0.24	41.43	Average	54	Pass
NVNT	n40	2422	Ant1	2390	-46.06	1.73	-	50.9	Peak	74	Pass
NVNT	n40	2422	Ant1	2390	-56.41	1.73	0.24	40.79	Average	54	Pass
NVNT	n40	2452	Ant1	2483.5	-39.59	1.73	-	57.37	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.5	-52.47	1.73	0.24	44.73	Average	54	Pass
NVNT	n40	2452	Ant1	2483.776	-39.6	1.73	-	57.36	Peak	74	Pass
NVNT	n40	2452	Ant1	2483.854	-53.12	1.73	0.24	44.08	Average	54	Pass
NVNT	n40	2452	Ant1	2500	-49.99	1.73	-	46.97	Peak	74	Pass
NVNT	n40	2452	Ant1	2500	-57.85	1.73	0.24	39.35	Average	54	Pass
NVNT	ax20	2412	Ant1	2310	-51.94	1.73	-	45.02	Peak	74	Pass
NVNT	ax20	2412	Ant1	2310	-58.26	1.73	0.12	38.82	Average	54	Pass
NVNT	ax20	2412	Ant1	2389.092	-46.36	1.73	-	50.6	Peak	74	Pass
NVNT	ax20	2412	Ant1	2388.741	-56.64	1.73	0.12	40.44	Average	54	Pass
NVNT	ax20	2412	Ant1	2390	-43.66	1.73	-	53.3	Peak	74	Pass
NVNT	ax20	2412	Ant1	2390	-57.82	1.73	0.12	39.26	Average	54	Pass
NVNT	ax20	2462	Ant1	2483.5	-43.4	1.73	-	53.56	Peak	74	Pass
NVNT	ax20	2462	Ant1	2483.5	-55.15	1.73	0.12	41.93	Average	54	Pass
NVNT	ax20	2462	Ant1	2484.1	-40.93	1.73	-	56.03	Peak	74	Pass
NVNT	ax20	2462	Ant1	2485.001	-54.3	1.73	0.12	42.78	Average	54	Pass
NVNT	ax20	2462	Ant1	2500	-50.11	1.73	-	46.85	Peak	74	Pass
NVNT	ax20	2462	Ant1	2500	-57.69	1.73	0.12	39.39	Average	54	Pass
NVNT	ax40	2422	Ant1	2310	-49.61	1.73	-	47.35	Peak	74	Pass
NVNT	ax40	2422	Ant1	2310	-58.2	1.73	0.24	39	Average	54	Pass
NVNT	ax40	2422	Ant1	2389.946	-43.82	1.73	-	53.14	Peak	74	Pass
NVNT	ax40	2422	Ant1	2389.946	-55.73	1.73	0.24	41.47	Average	54	Pass
NVNT	ax40	2422	Ant1	2390	-43.82	1.73	-	53.14	Peak	74	Pass
NVNT	ax40	2422	Ant1	2390	-55.73	1.73	0.24	41.47	Average	54	Pass
NVNT	ax40	2452	Ant1	2483.5	-41.99	1.73	-	54.97	Peak	74	Pass
NVNT	ax40	2452	Ant1	2483.5	-54.31	1.73	0.24	42.89	Average	54	Pass
NVNT	ax40	2452	Ant1	2484.244	-37.71	1.73	-	59.25	Peak	74	Pass
NVNT	ax40	2452	Ant1	2483.854	-53.57	1.73	0.24	43.63	Average	54	Pass
NVNT	ax40	2452	Ant1	2500	-50.71	1.73	-	46.25	Peak	74	Pass
NVNT	ax40	2452	Ant1	2500	-58.36	1.73	0.24	38.84	Average	54	Pass

Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak



Restrict Band NVNT b 2412MHz Ant1 Average



[illegible]

Agilent Spectrum Analyzer - Swept SA

11:14:43 PM Sep 17, 2025

Center Freq 2.473500000 GHz

PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS Avg/Hold: 100/100

TRACE 1 2 3 4 5 6
TYPE A W W W W W W W
DET A N N N N N

Ref Offset 2.38 dB
Ref 20.00 dBm

Mkr1 2.460 992 GHz
5.627 dBm

10 dB/div
Log

Start 2.44700 GHz
#Res BW 1.0 MHz

#VBW 3.0 MHz*

Stop 2.50000 GHz
Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.460 992 GHz	5.627 dBm			
2	N		f	2.483 500 GHz	-54.578 dBm			
3	N		f	2.500 000 GHz	-57.872 dBm			
4	N		f	2.484 736 GHz	-53.537 dBm			
5								
6								
7								
8								
9								
10								
11								

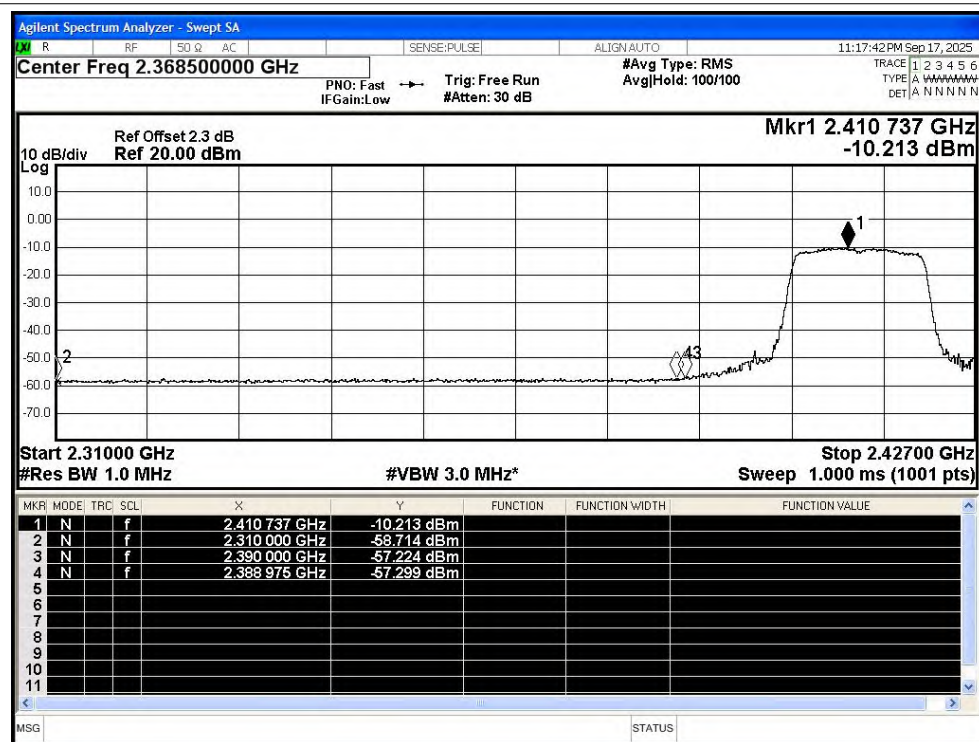
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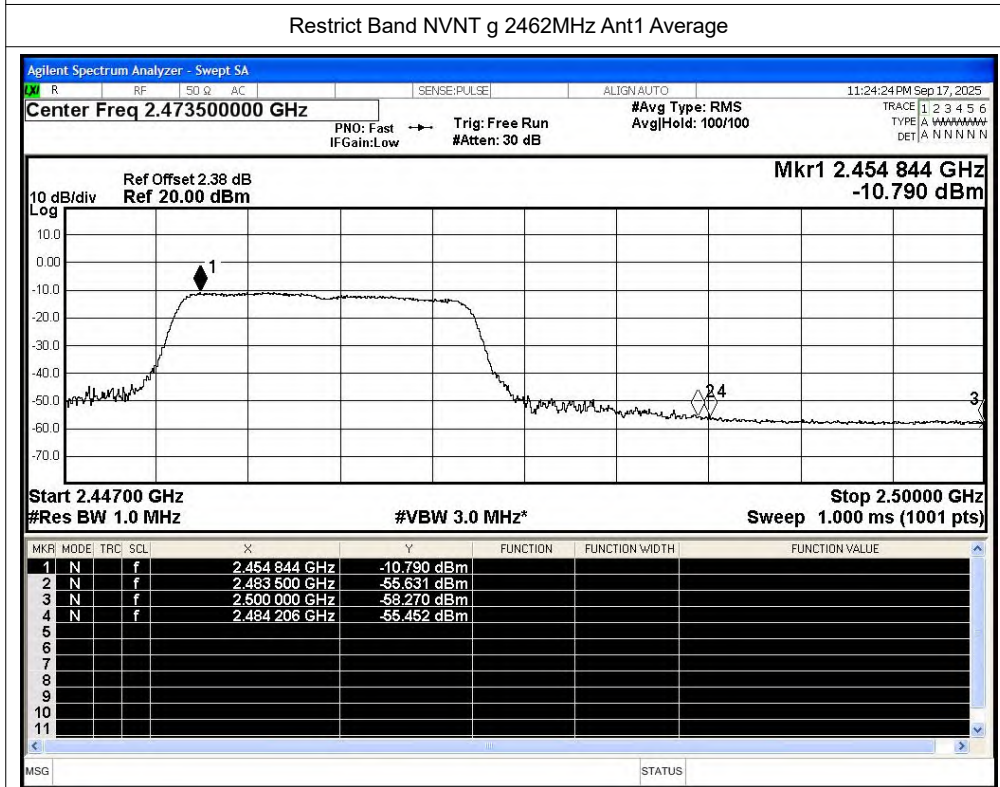
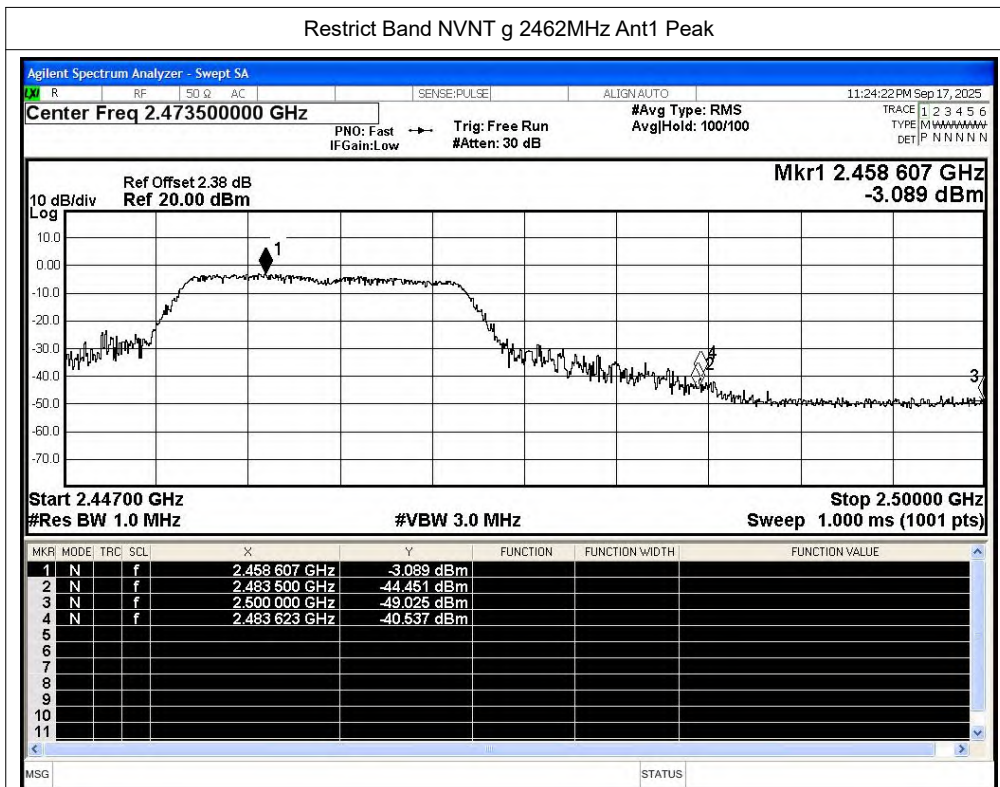
STATUS

Restrict Band NVNT g 2412MHz Ant1 Peak



Restrict Band NVNT g 2412MHz Ant1 Average

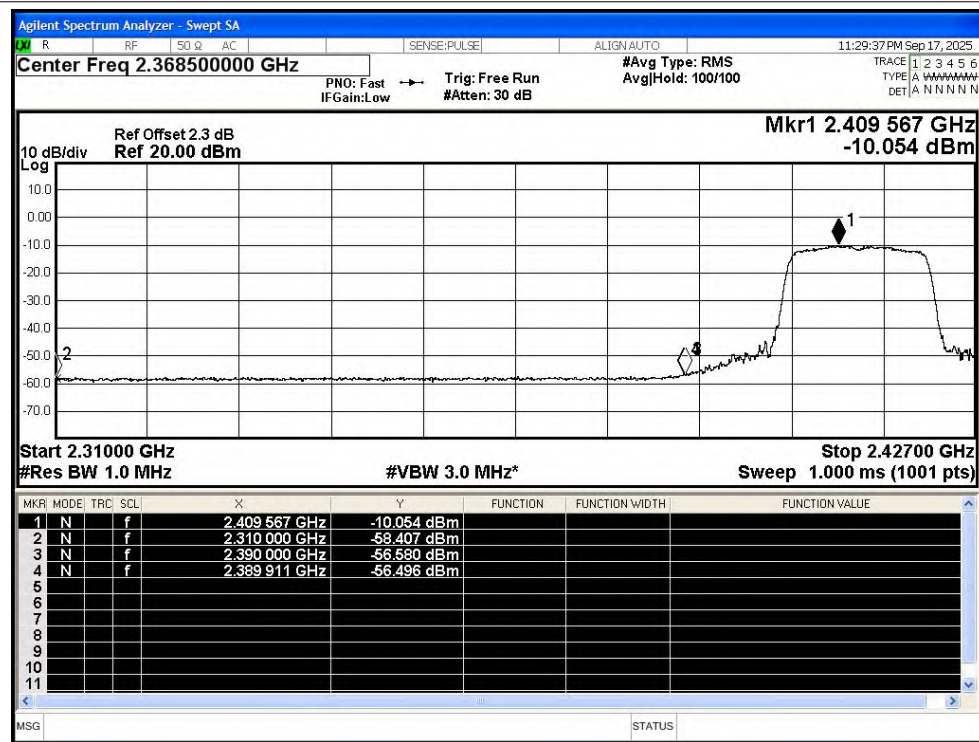




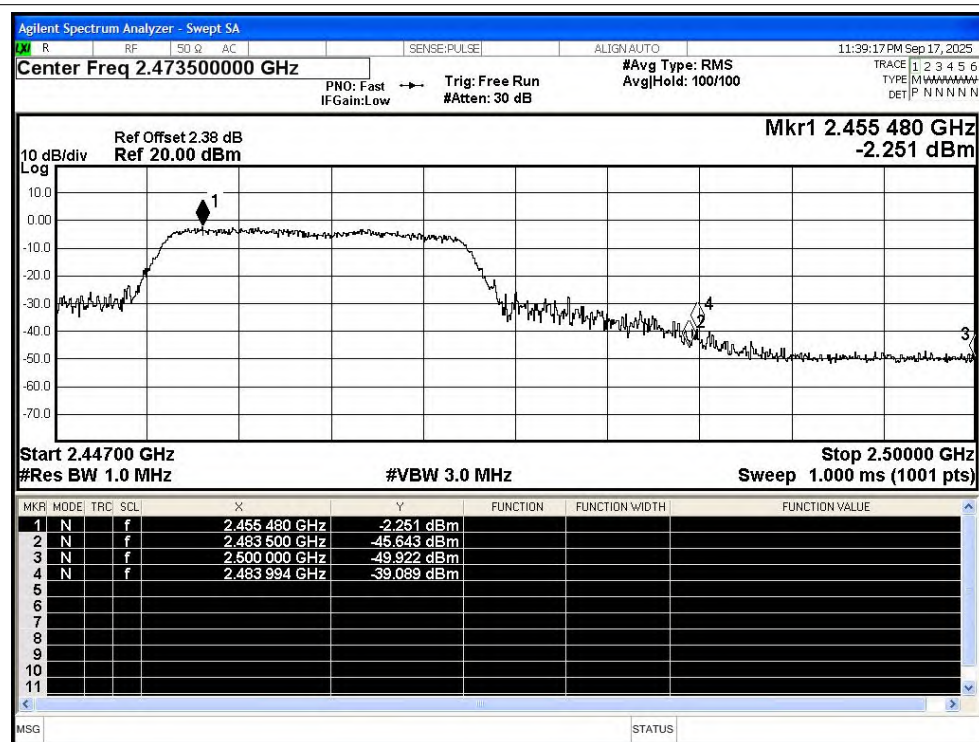
Restrict Band NVNT n20 2412MHz Ant1 Peak



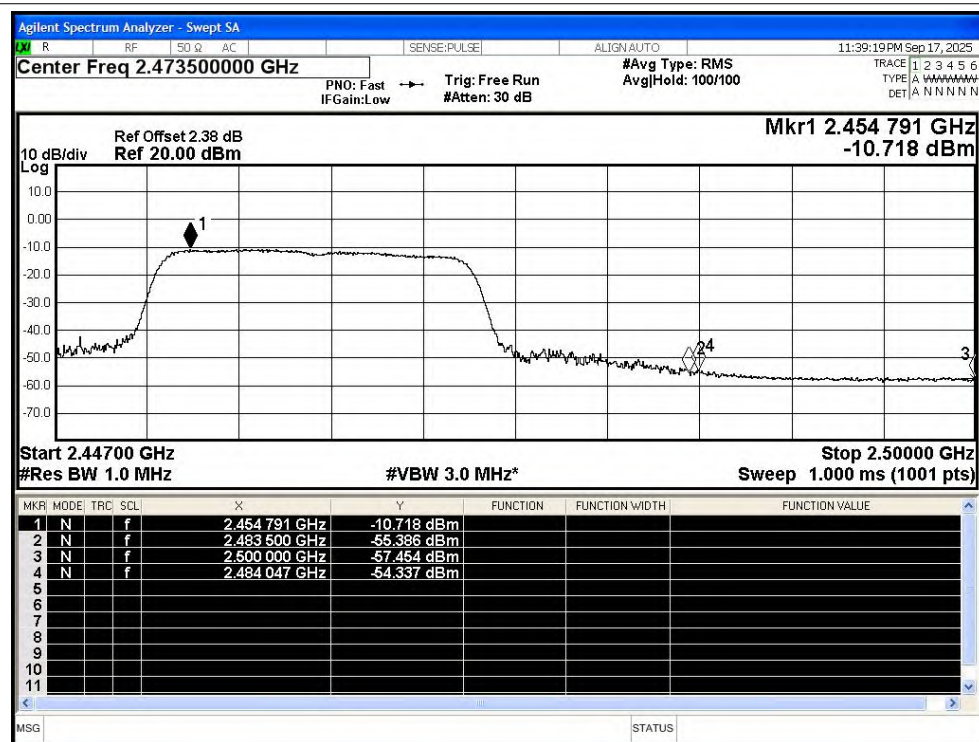
Restrict Band NVNT n20 2412MHz Ant1 Average

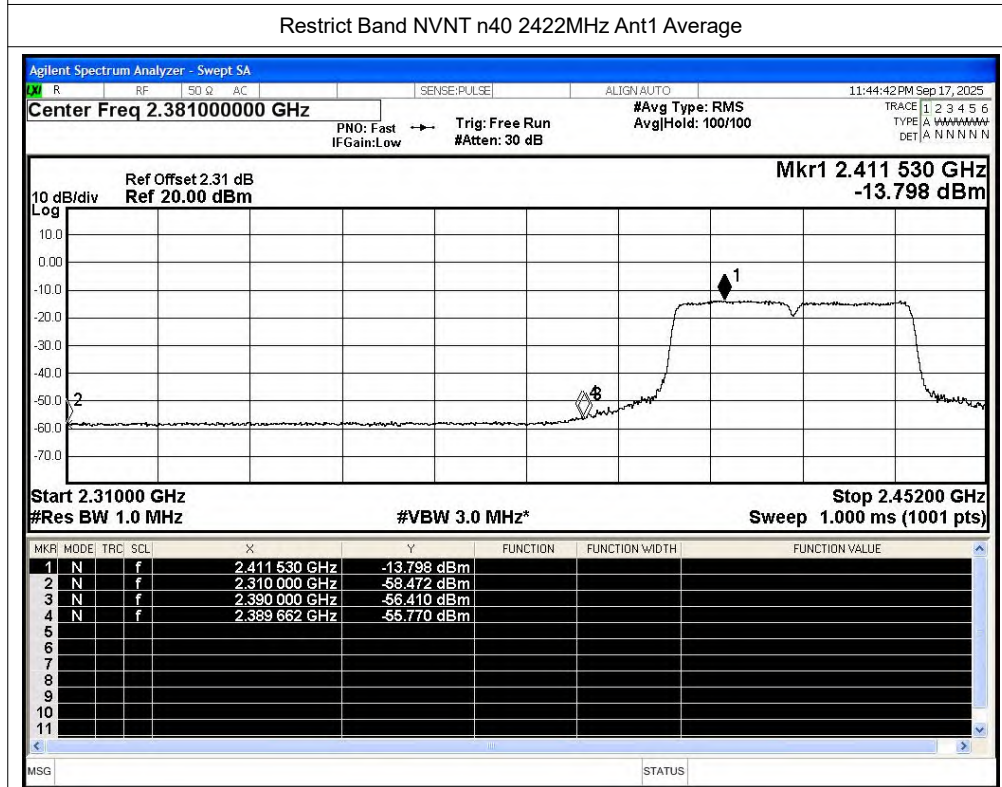
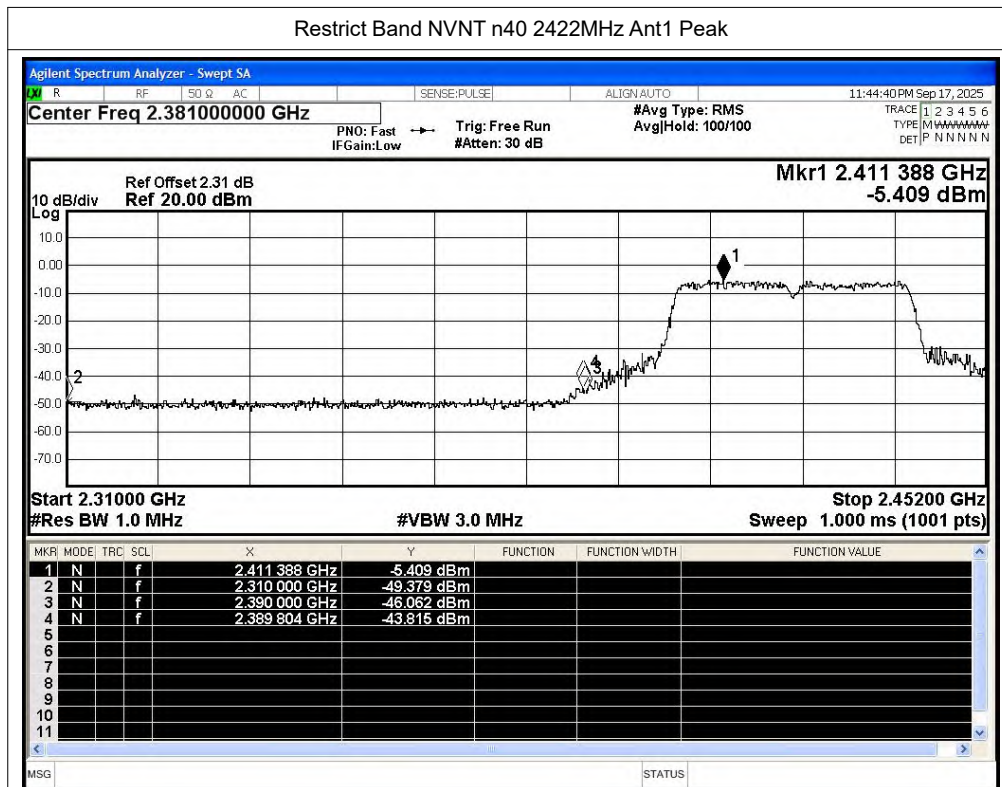


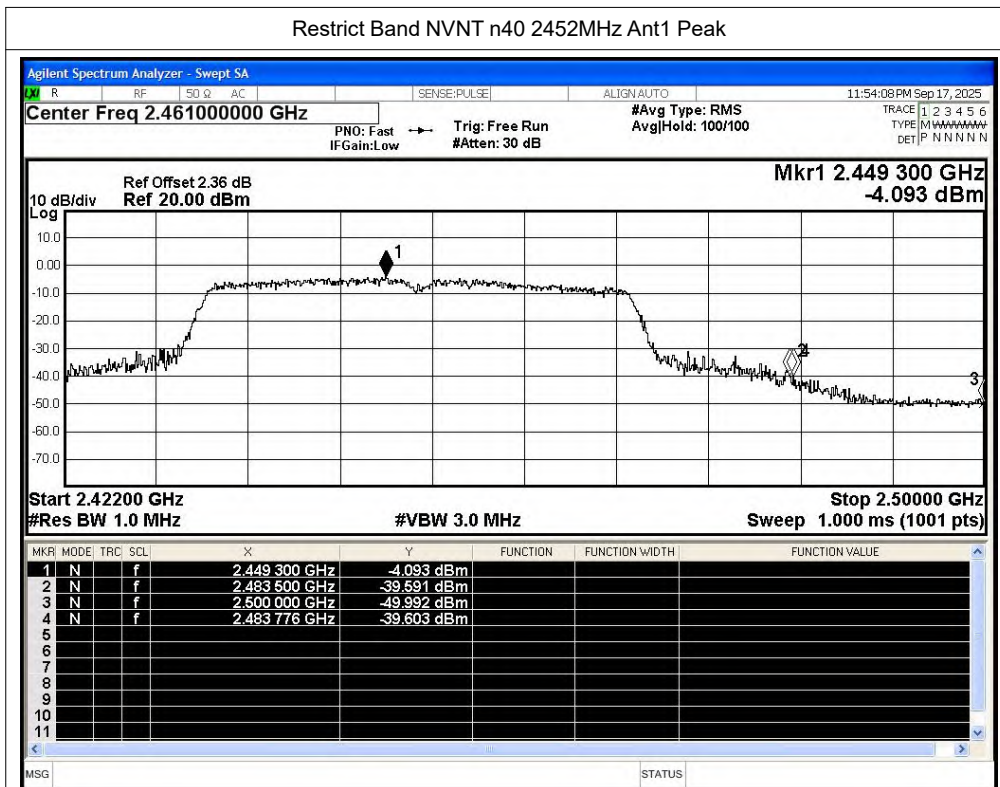
Restrict Band NVNT n20 2462MHz Ant1 Peak



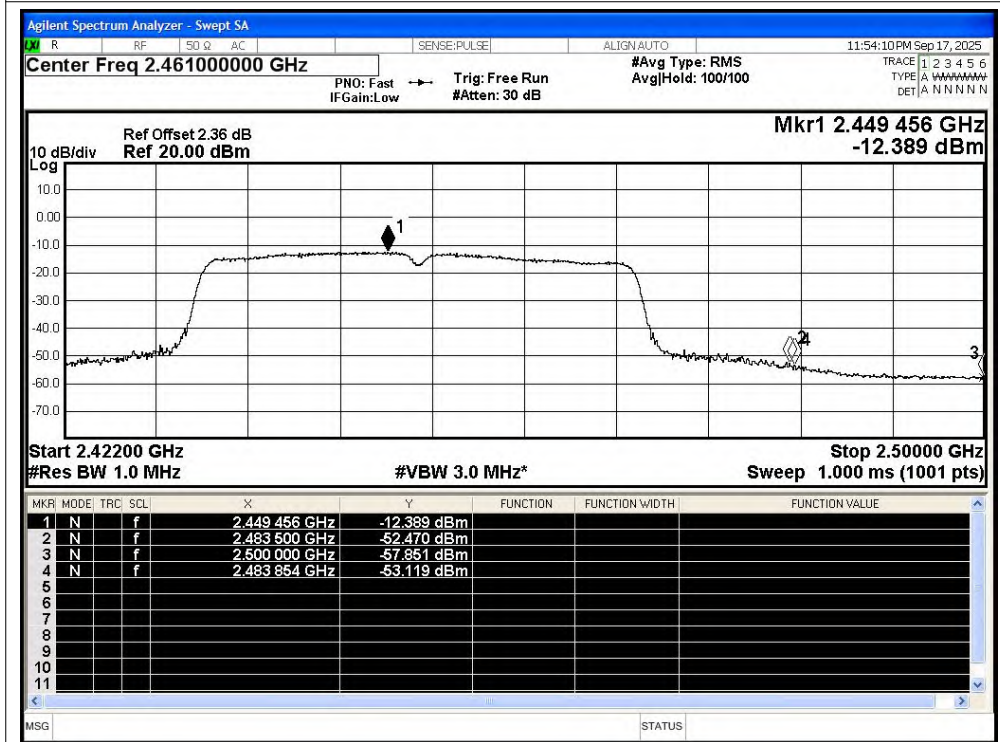
Restrict Band NVNT n20 2462MHz Ant1 Average

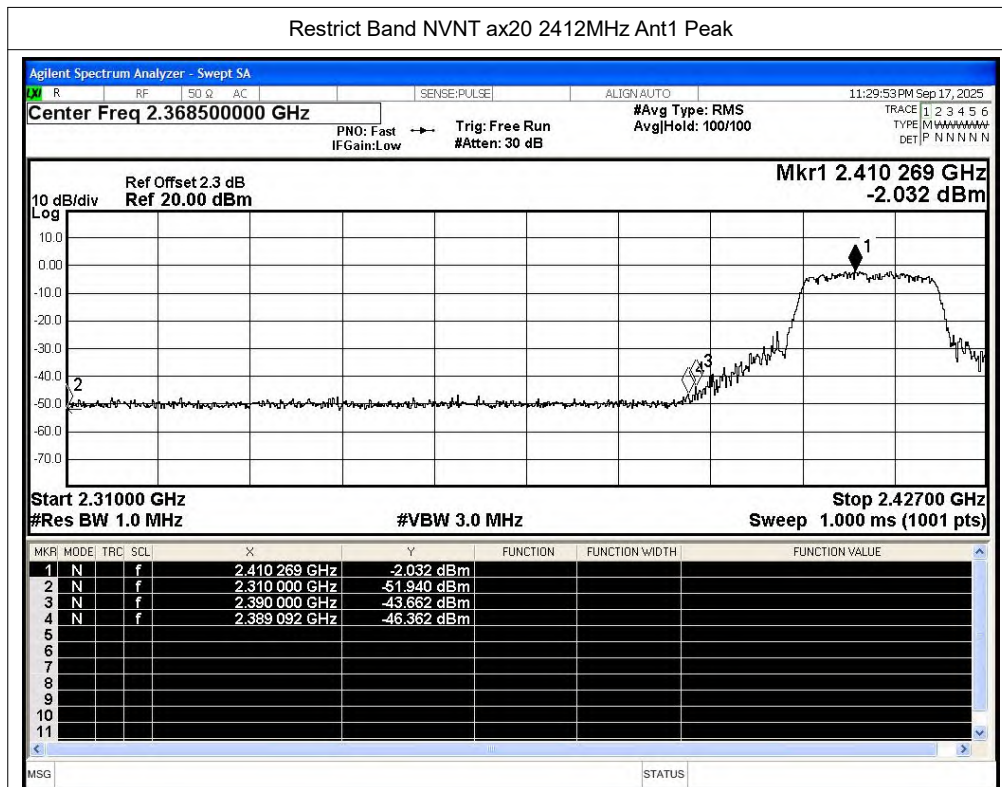




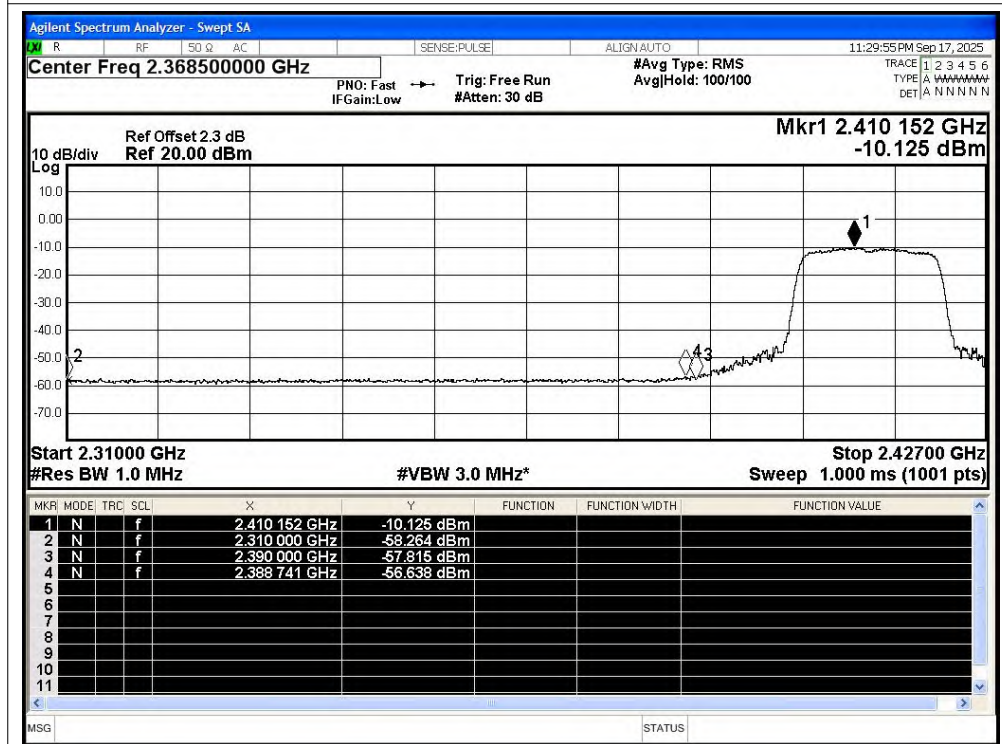


Restrict Band NVNT n40 2452MHz Ant1 Average

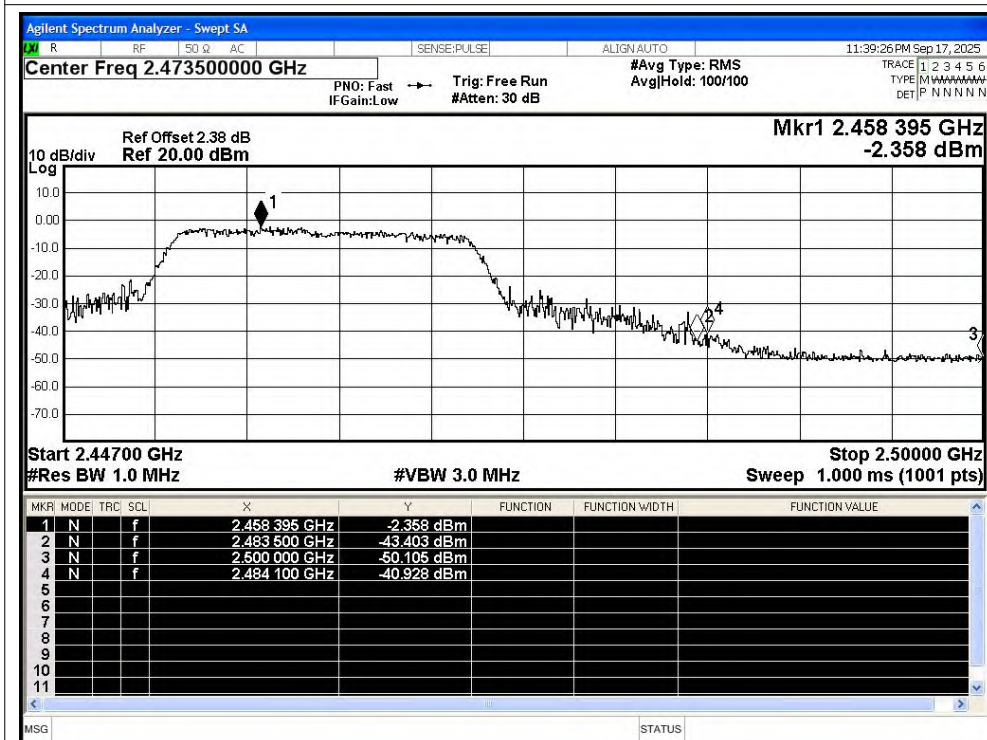




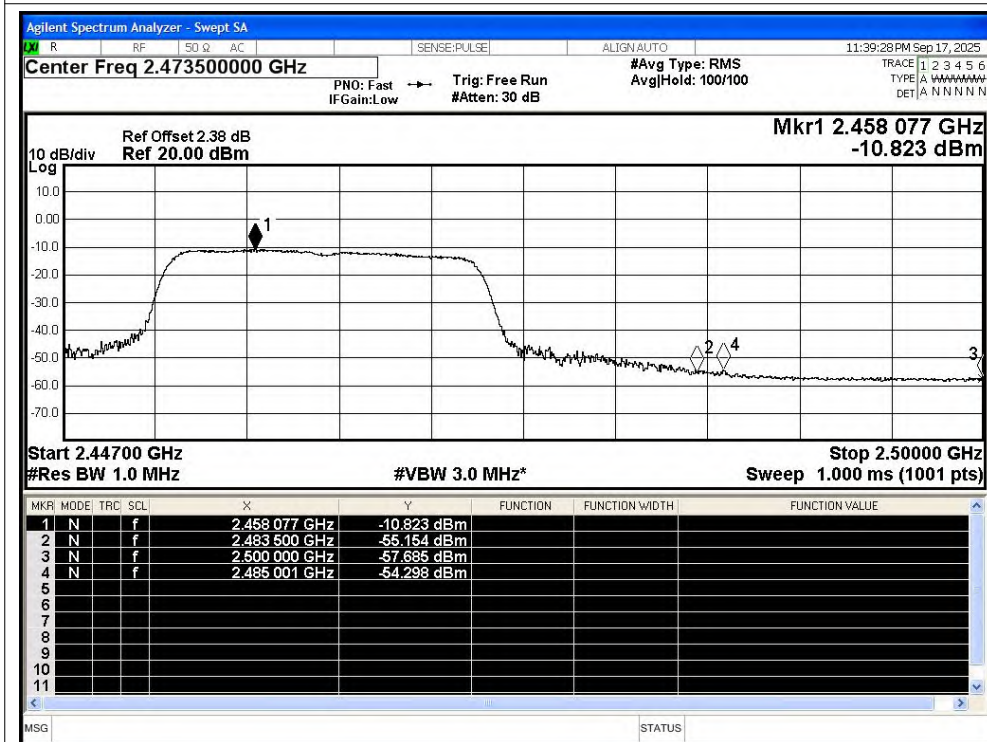
Restrict Band NVNT ax20 2412MHz Ant1 Average



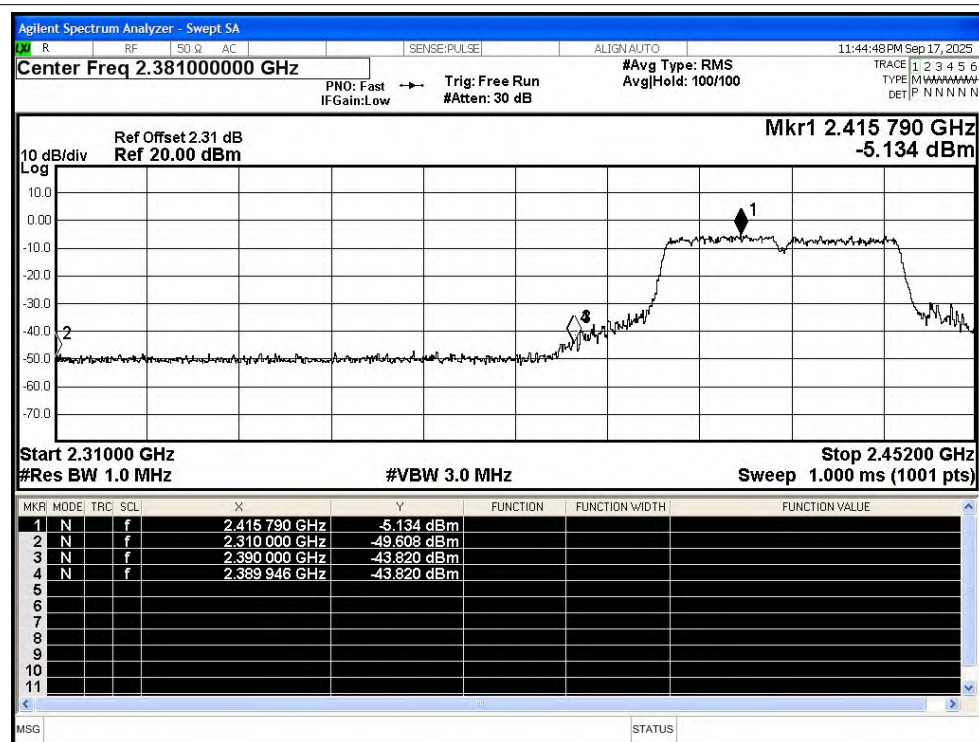
Restrict Band NVNT ax20 2462MHz Ant1 Peak



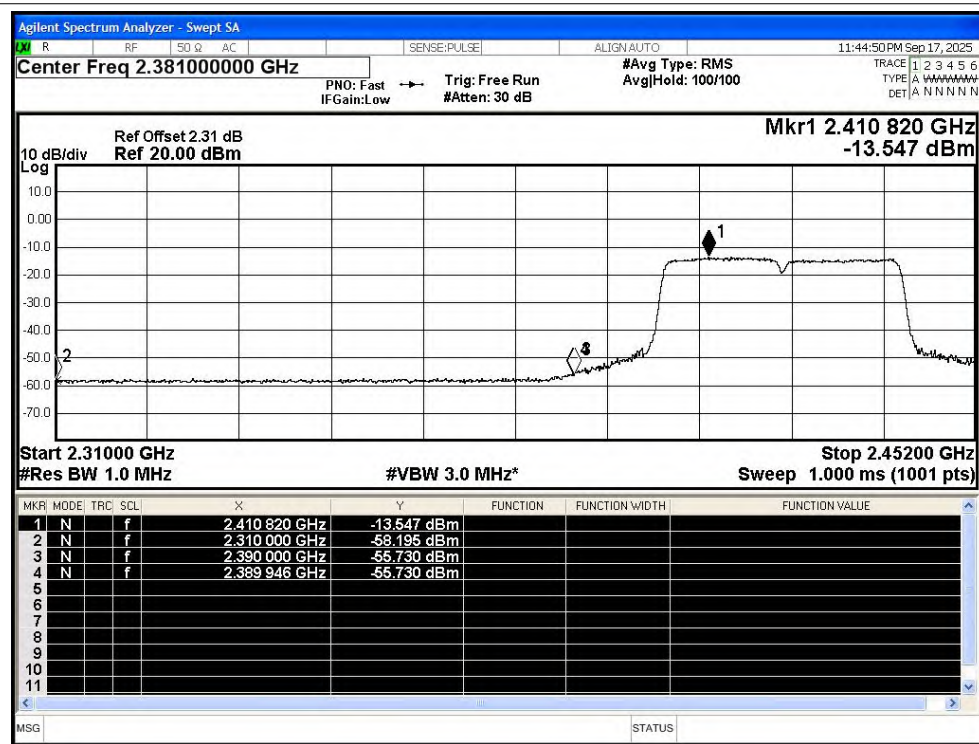
Restrict Band NVNT ax20 2462MHz Ant1 Average



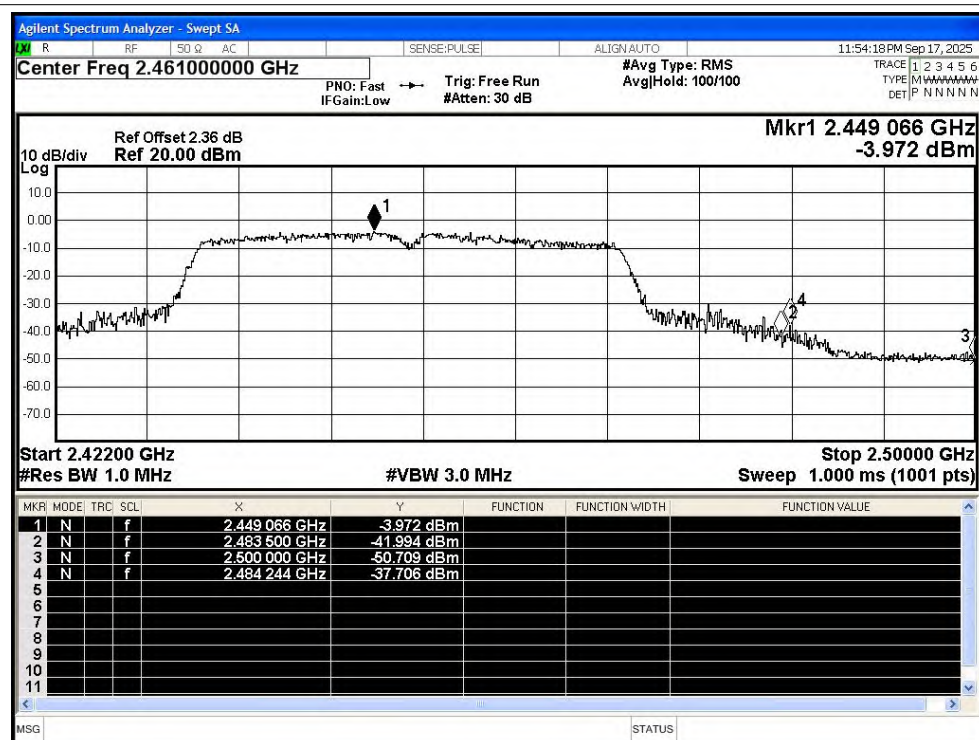
Restrict Band NVNT ax40 2422MHz Ant1 Peak



Restrict Band NVNT ax40 2422MHz Ant1 Average



Restrict Band NVNT ax40 2452MHz Ant1 Peak



Restrict Band NVNT ax40 2452MHz Ant1 Average

