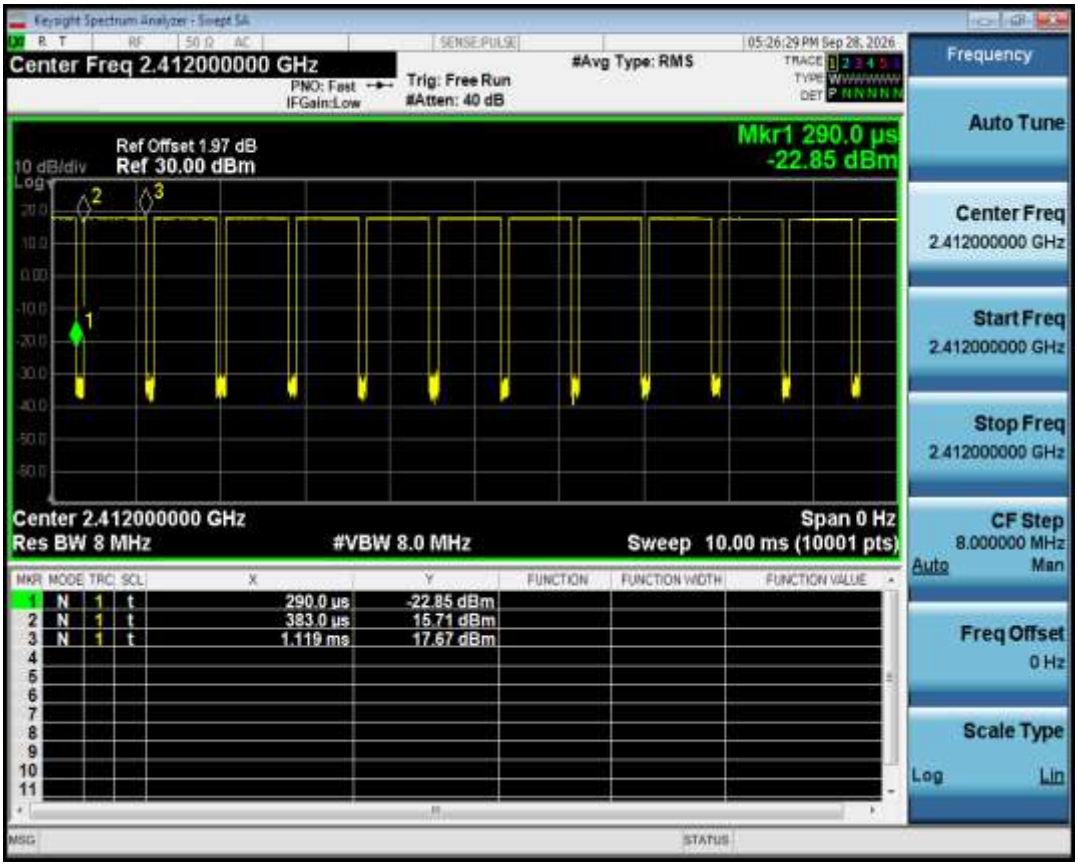
RF Test Data

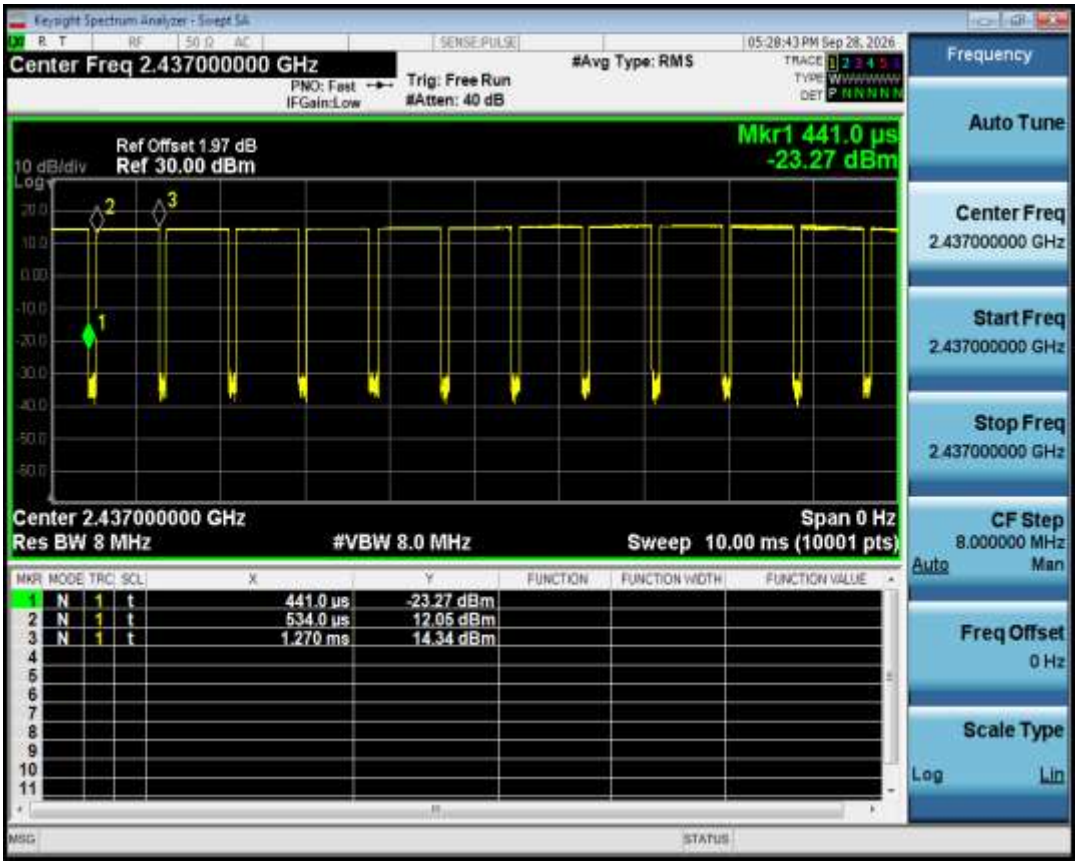
Duty Cycle 2
Maximum Average Conducted Output Power 9
-6dB Bandwidth 16
Occupied Channel Bandwidth 23
Maximum Power Spectral Density Level 30
Band Edge 37
Conducted RF Spurious Emission 46

Duty Cycle

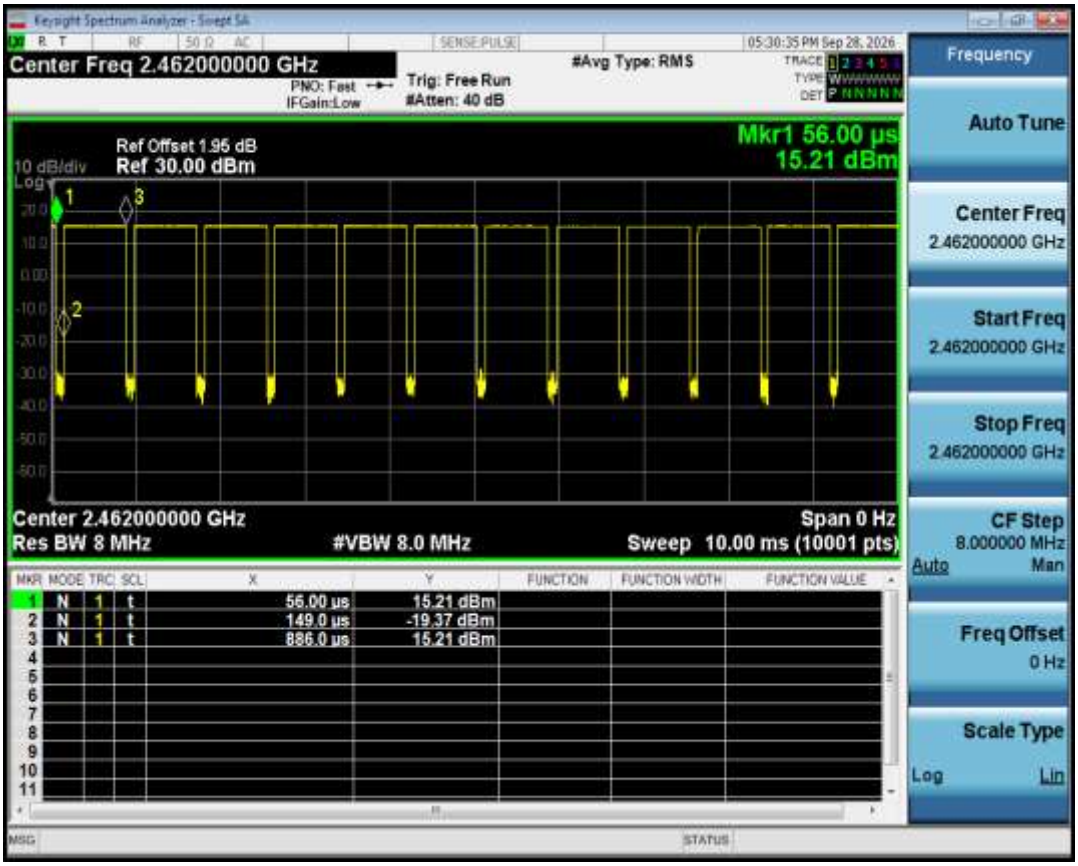
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	88.78	0.52	1.36
NVNT	b	2437	Ant1	88.78	0.52	1.36
NVNT	b	2462	Ant1	88.8	0.52	1.36
NVNT	g	2412	Ant1	56.31	2.49	8.62
NVNT	g	2437	Ant1	56.55	2.48	8.58
NVNT	g	2462	Ant1	56.31	2.49	8.62
NVNT	n20	2412	Ant1	46.2	3.35	8.66
NVNT	n20	2437	Ant1	56.34	2.49	8.66
NVNT	n20	2462	Ant1	56.34	2.49	8.66
NVNT	n40	2422	Ant1	46.06	3.37	13.16
NVNT	n40	2437	Ant1	46.06	3.37	13.16
NVNT	n40	2452	Ant1	43.68	3.6	13.16



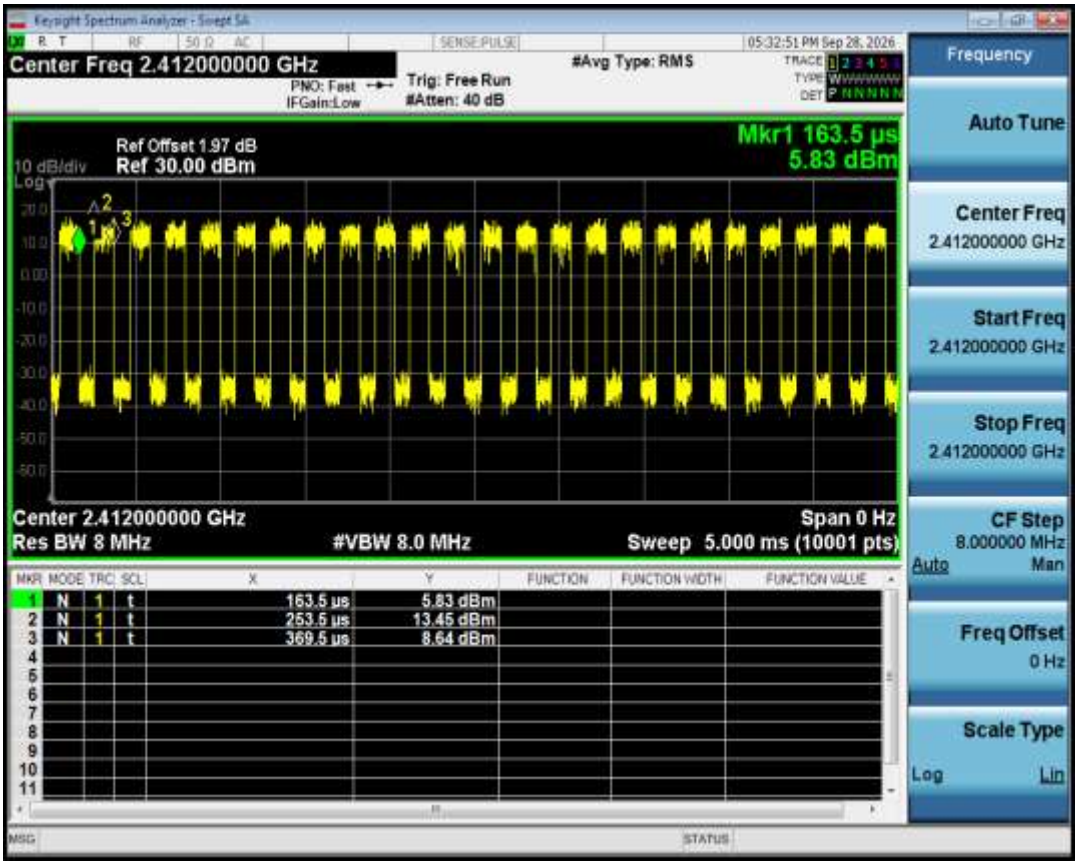
Duty Cycle NVNT b 2412MHz Ant1



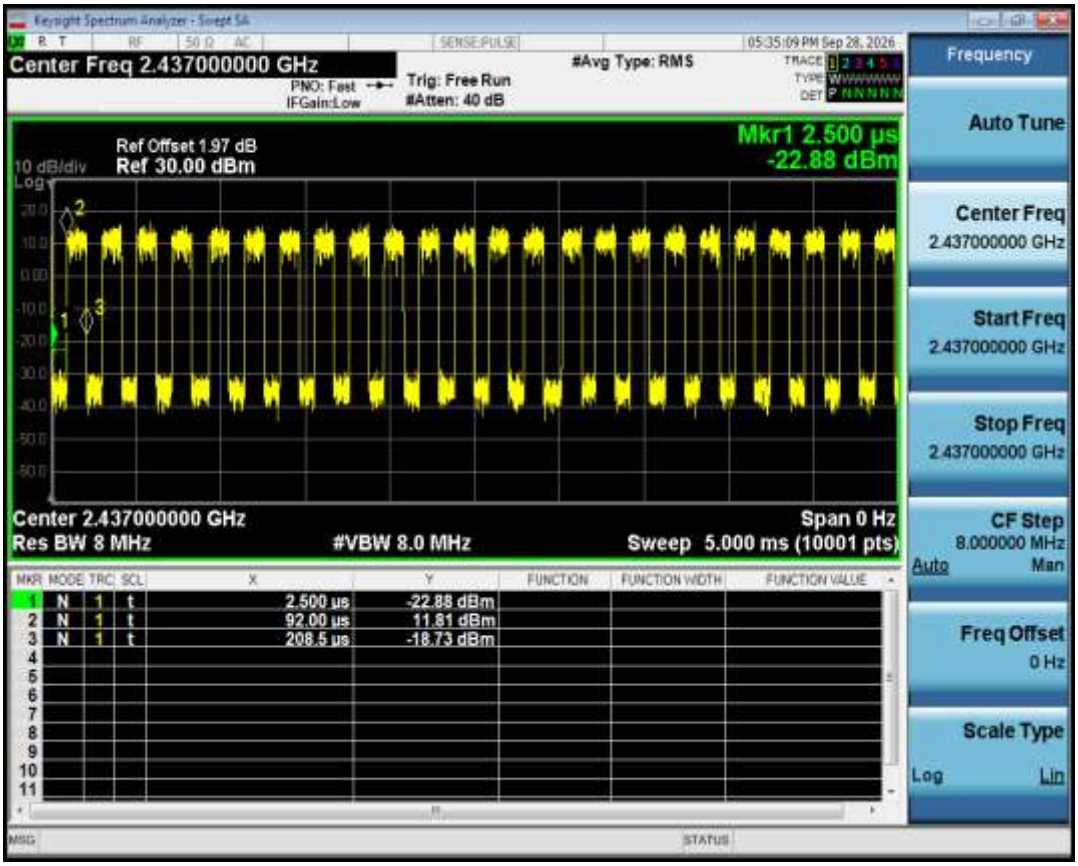
Duty Cycle NVNT b 2437MHz Ant1



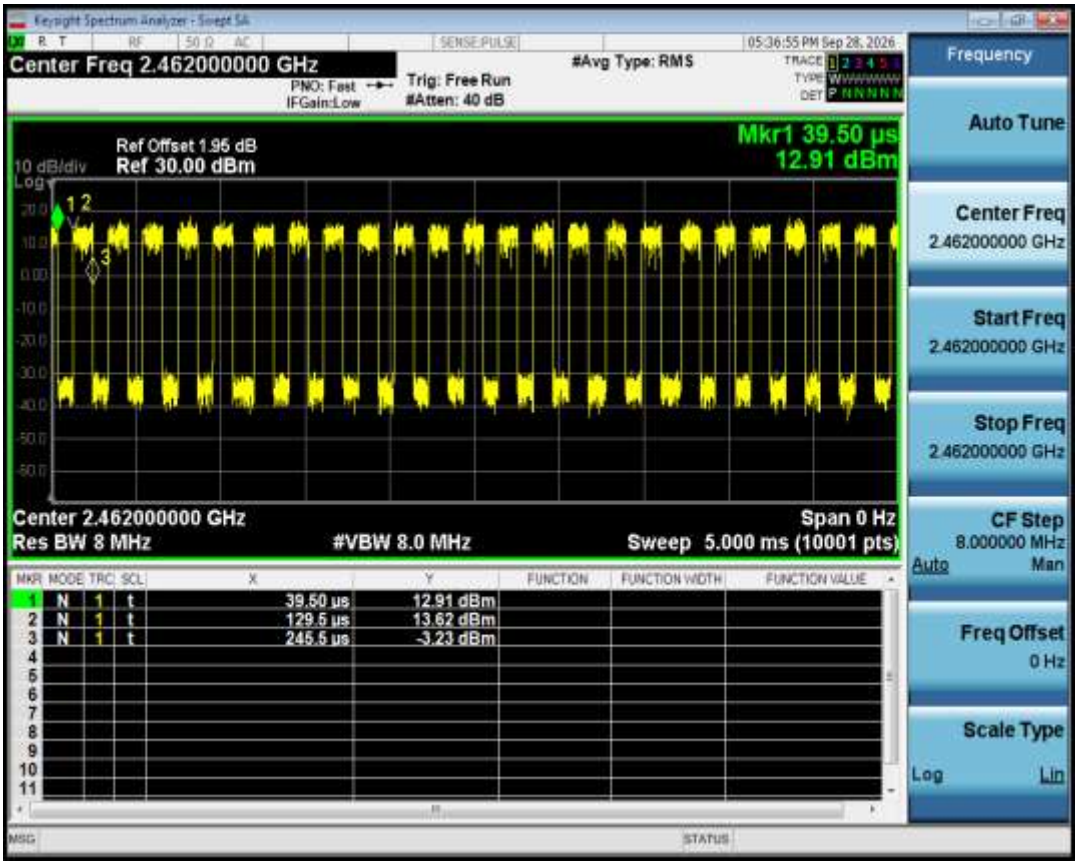
Duty Cycle NVNT b 2462MHz Ant1



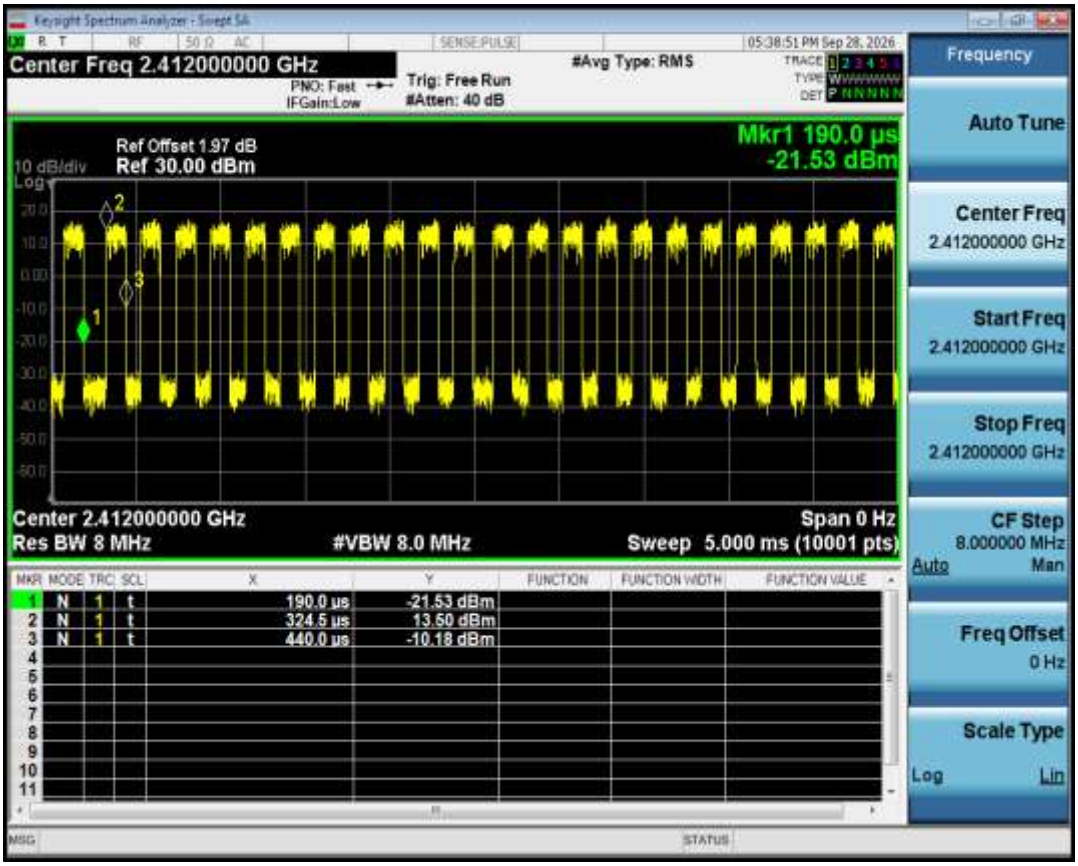
Duty Cycle NVNT g 2412MHz Ant1



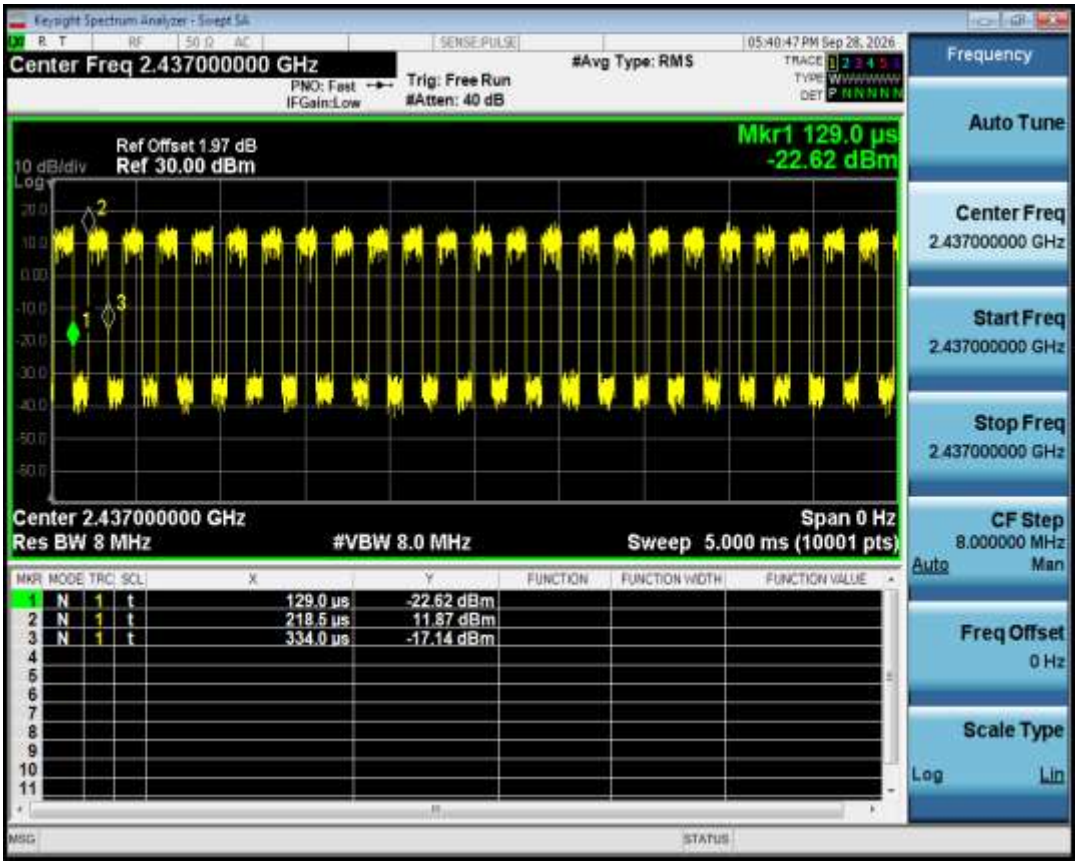
Duty Cycle NVNT g 2437MHz Ant1



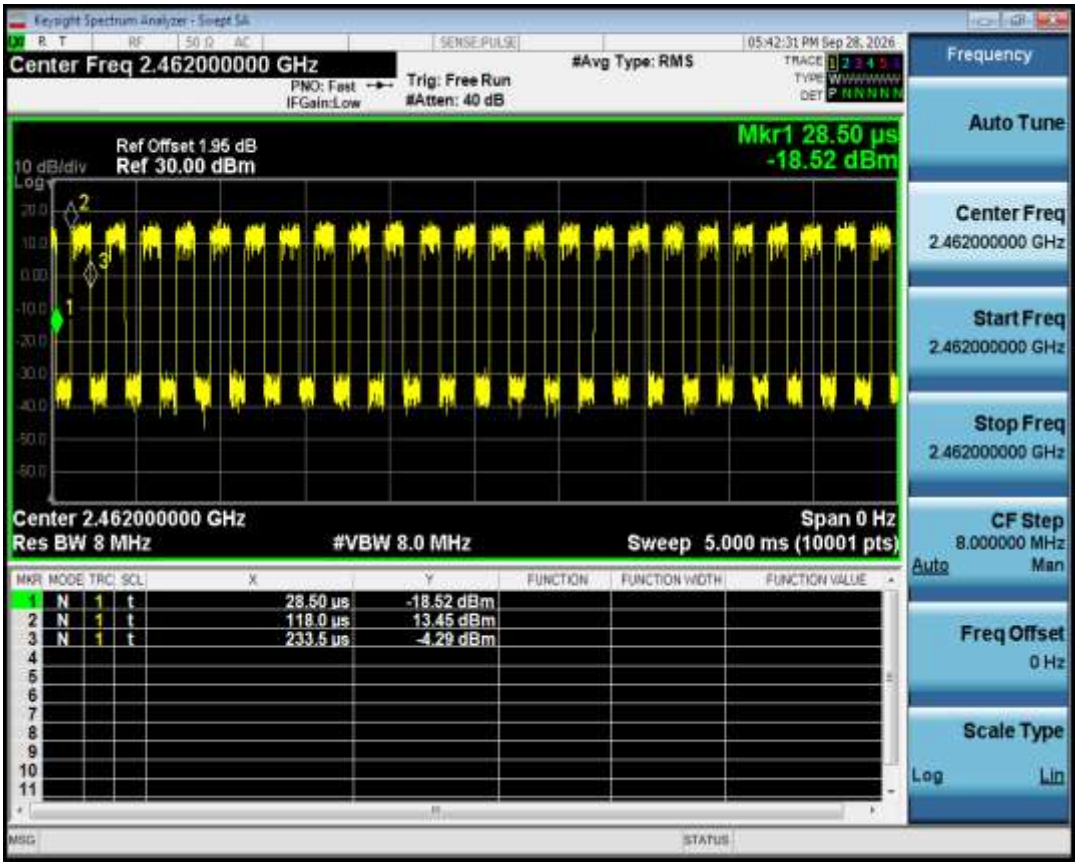
Duty Cycle NVNT g 2462MHz Ant1



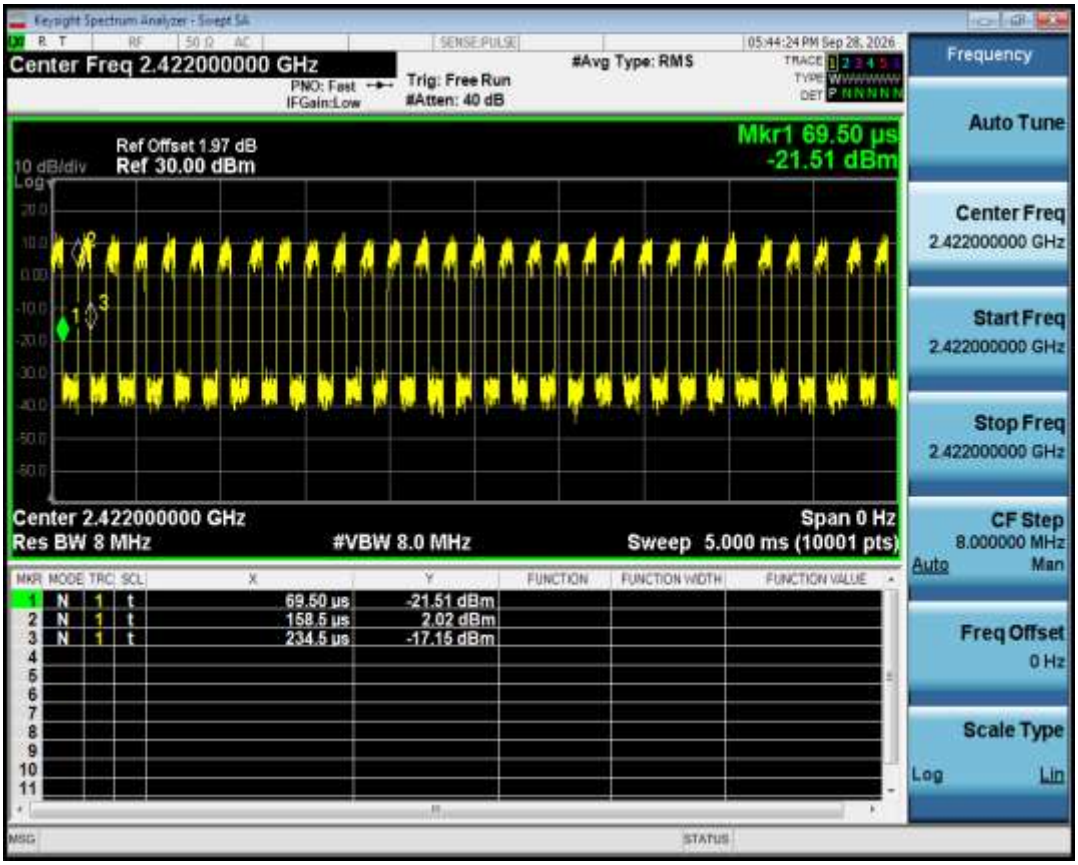
Duty Cycle NVNT n20 2412MHz Ant1



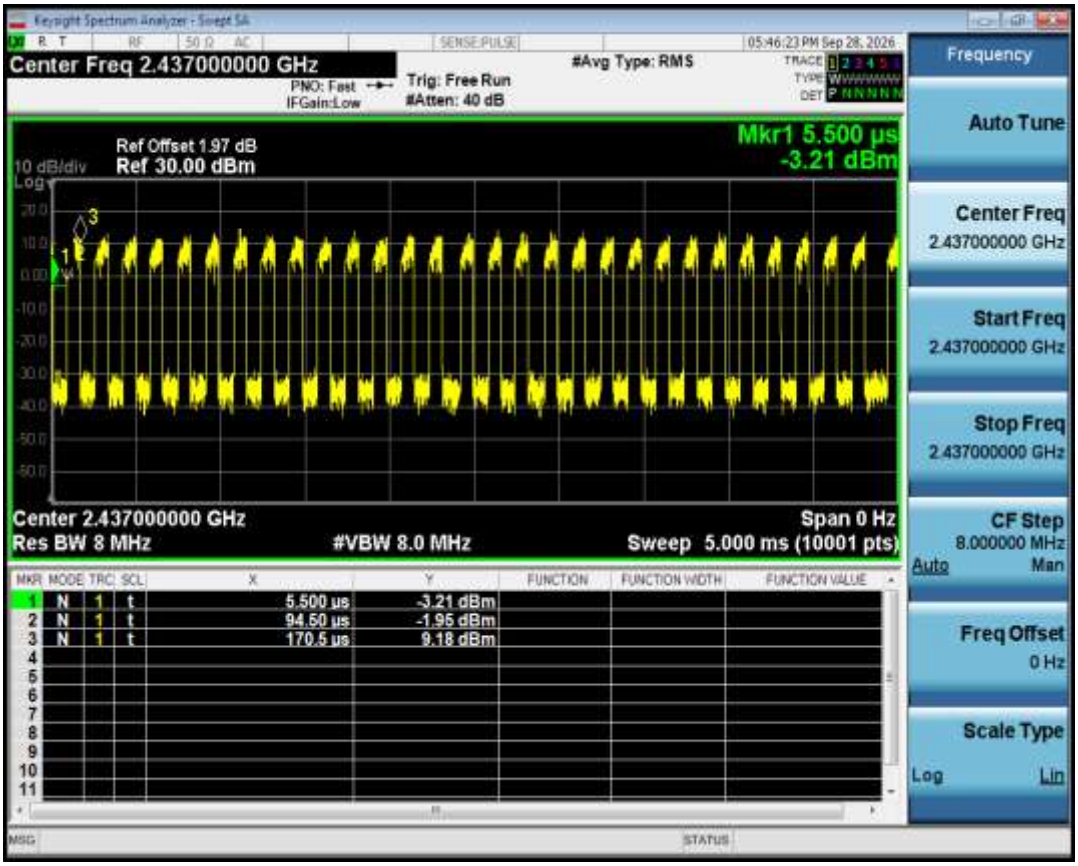
Duty Cycle NVNT n20 2437MHz Ant1



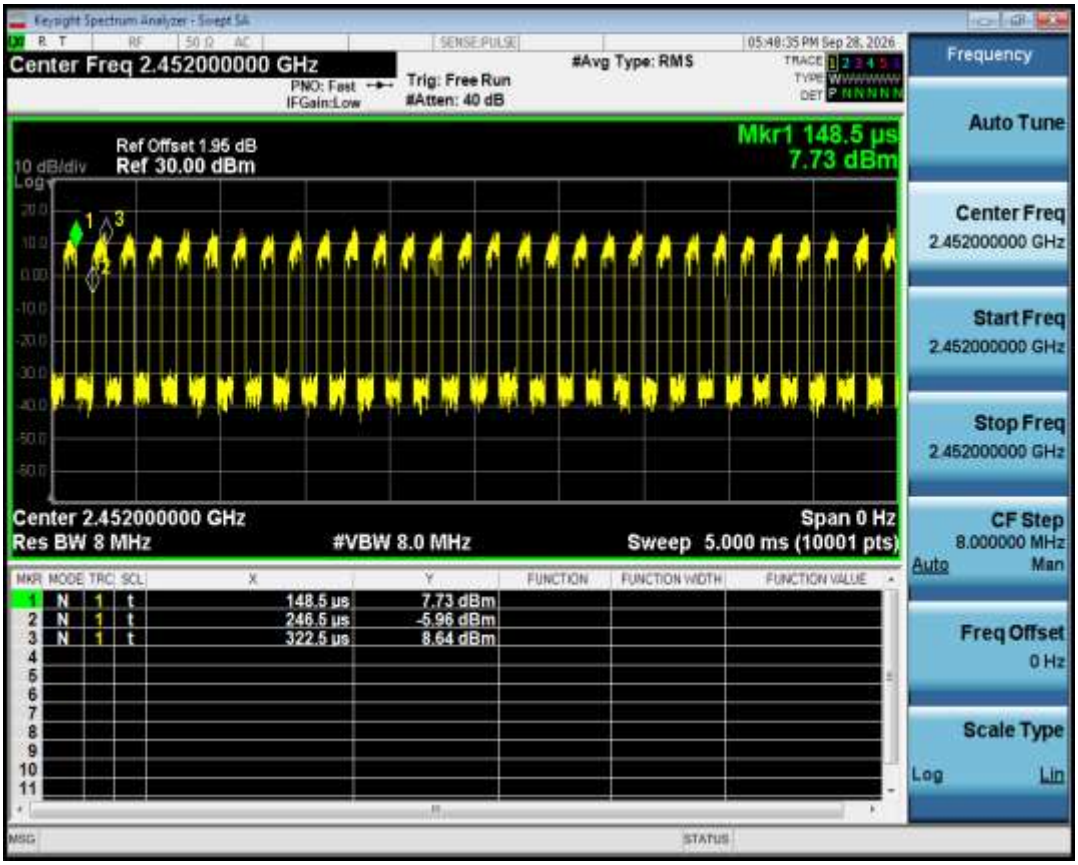
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



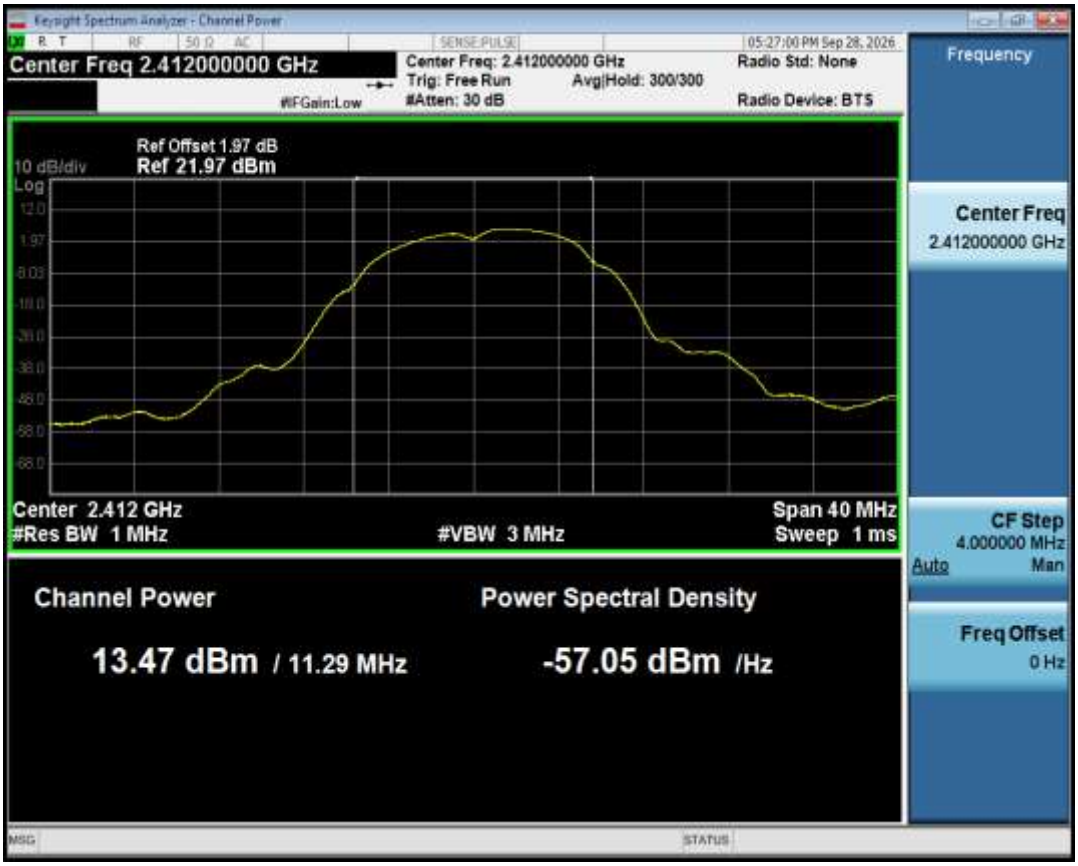
Duty Cycle NVNT n40 2437MHz Ant1



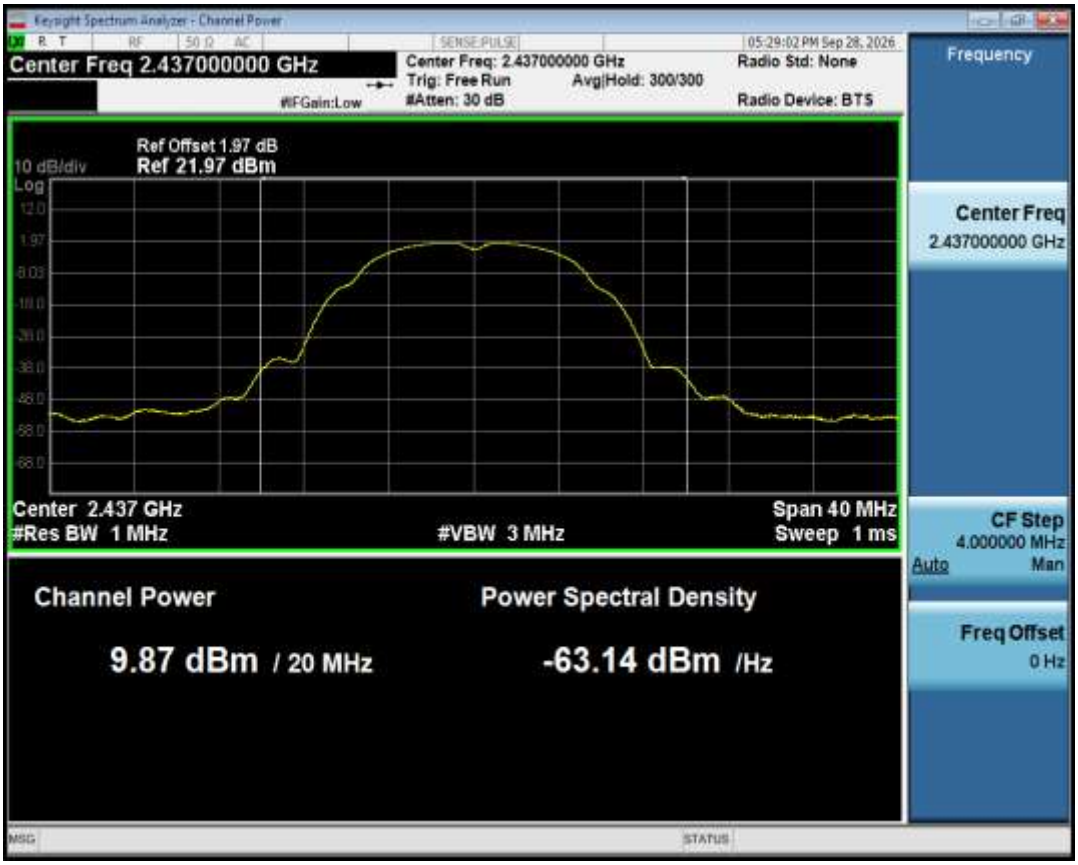
Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

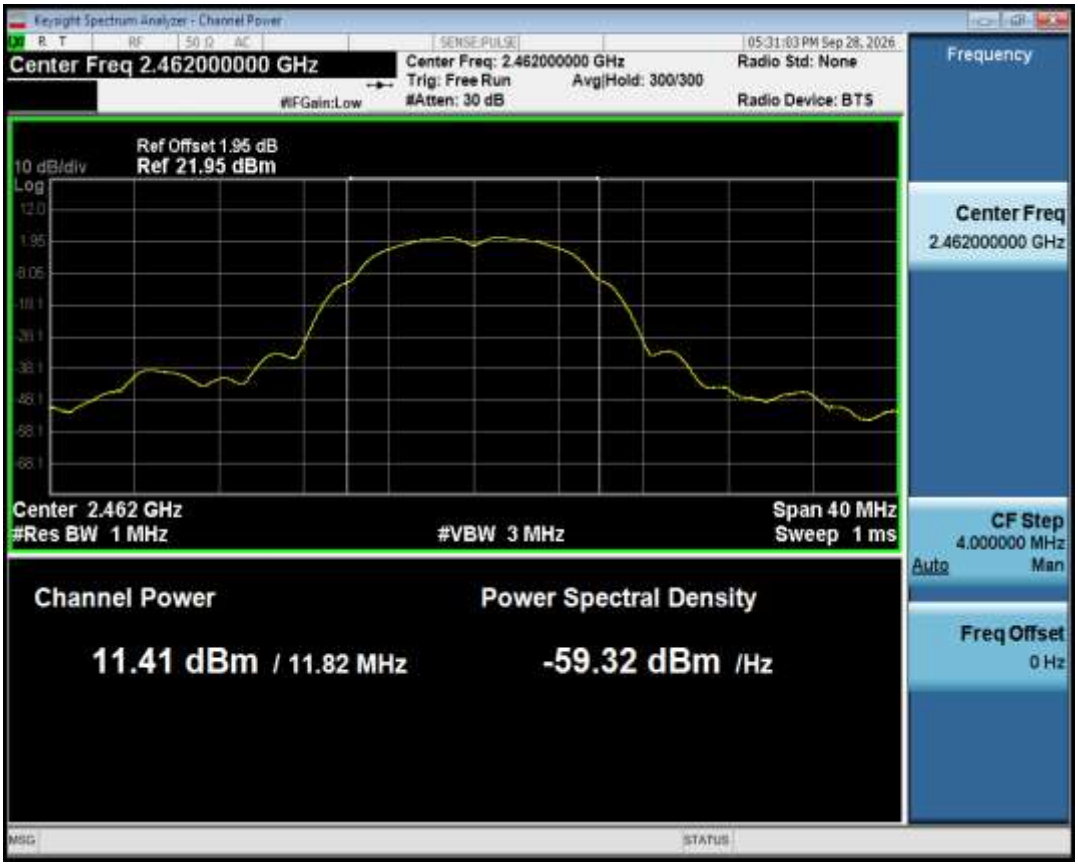
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b	2412	Ant1	13.47	0.52	13.99	0.02506	30	Pass
NVNT	b	2437	Ant1	9.87	0.52	10.39	0.01094	30	Pass
NVNT	b	2462	Ant1	11.41	0.52	11.93	0.0156	30	Pass
NVNT	g	2412	Ant1	9.15	2.49	11.64	0.01459	30	Pass
NVNT	g	2437	Ant1	7.57	2.48	10.05	0.01012	30	Pass
NVNT	g	2462	Ant1	9.18	2.49	11.67	0.01469	30	Pass
NVNT	n20	2412	Ant1	9.38	3.35	12.73	0.01875	30	Pass
NVNT	n20	2437	Ant1	7.78	2.49	10.27	0.01064	30	Pass
NVNT	n20	2462	Ant1	9.27	2.49	11.76	0.015	30	Pass
NVNT	n40	2422	Ant1	6.83	3.37	10.2	0.01047	30	Pass
NVNT	n40	2437	Ant1	7.22	3.37	10.59	0.01146	30	Pass
NVNT	n40	2452	Ant1	7.91	3.6	11.51	0.01416	30	Pass



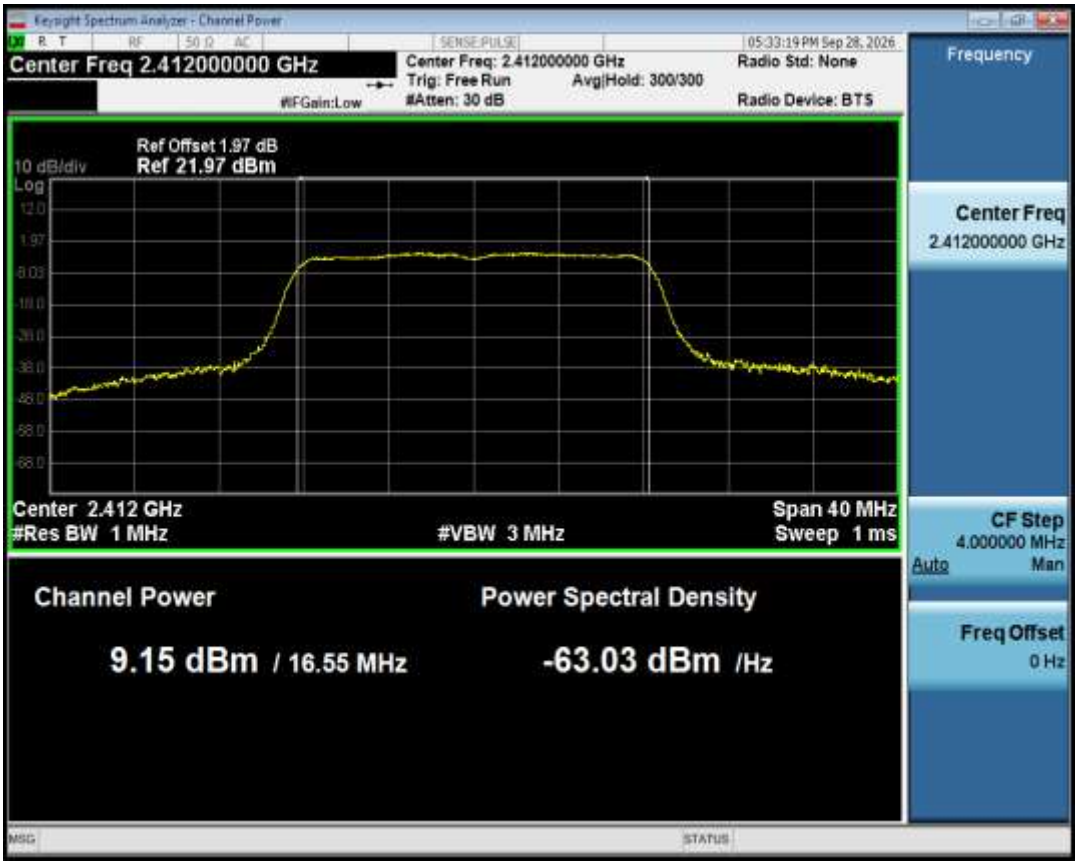
Average Power NVNT b 2412MHz Ant1



Average Power NVNT b 2437MHz Ant1



Average Power NVNT b 2462MHz Ant1



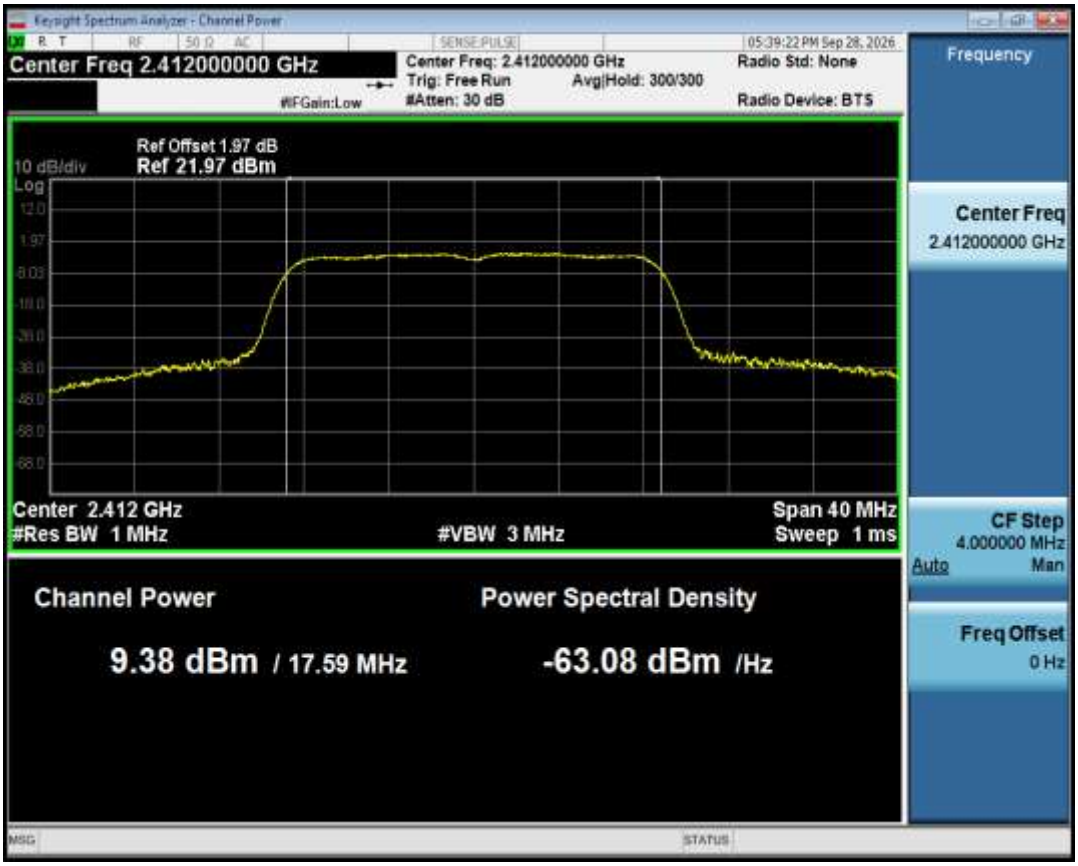
Average Power NVNT g 2412MHz Ant1



Average Power NVNT g 2437MHz Ant1



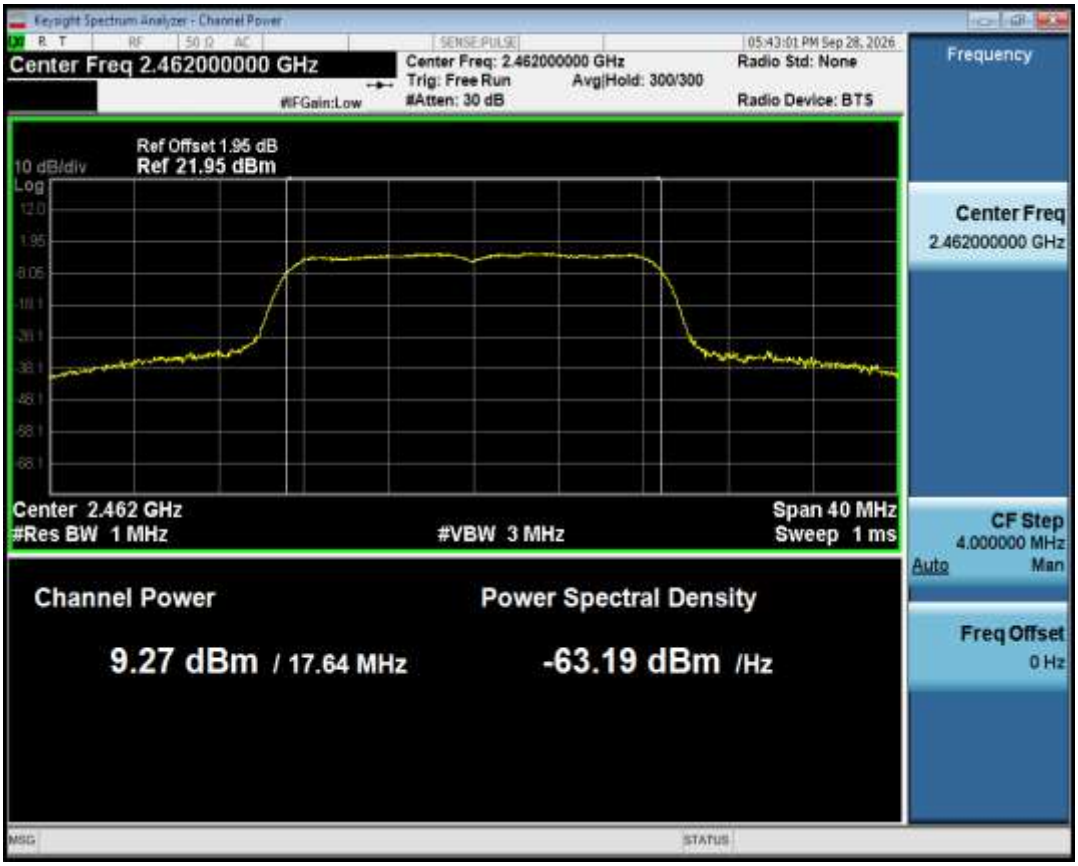
Average Power NVNT g 2462MHz Ant1



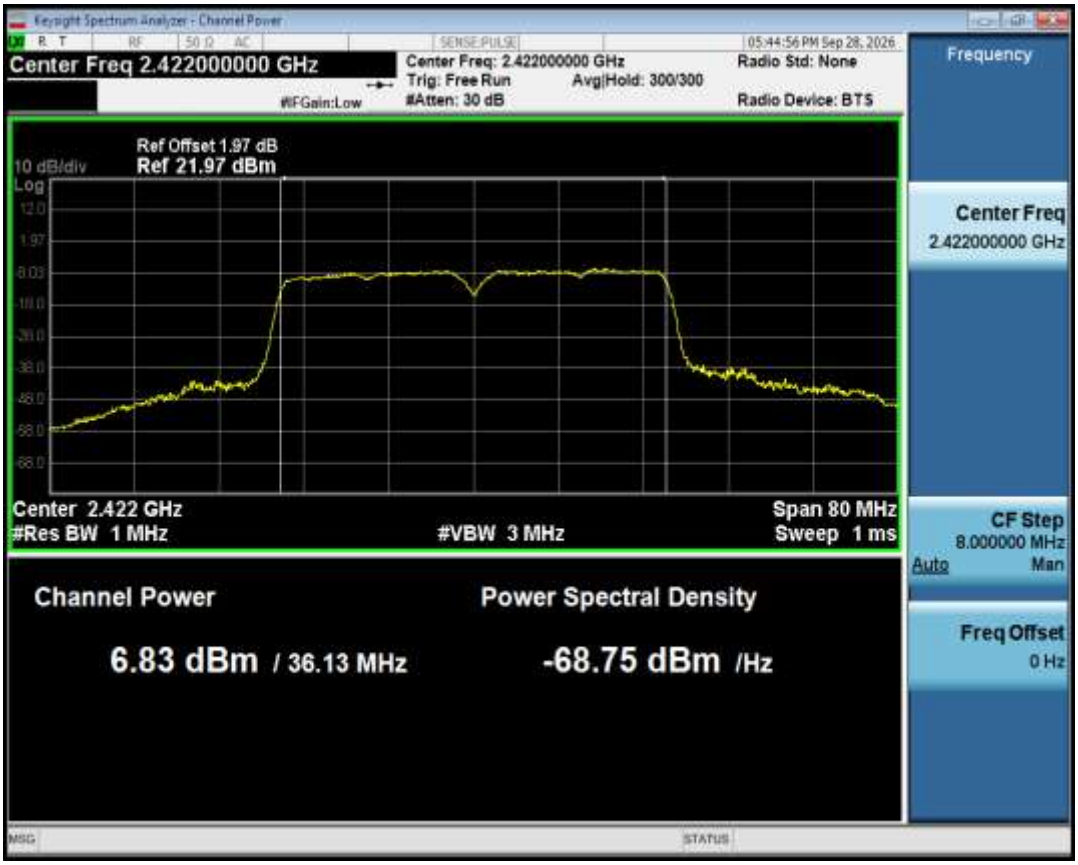
Average Power NVNT n20 2412MHz Ant1



Average Power NVNT n20 2437MHz Ant1



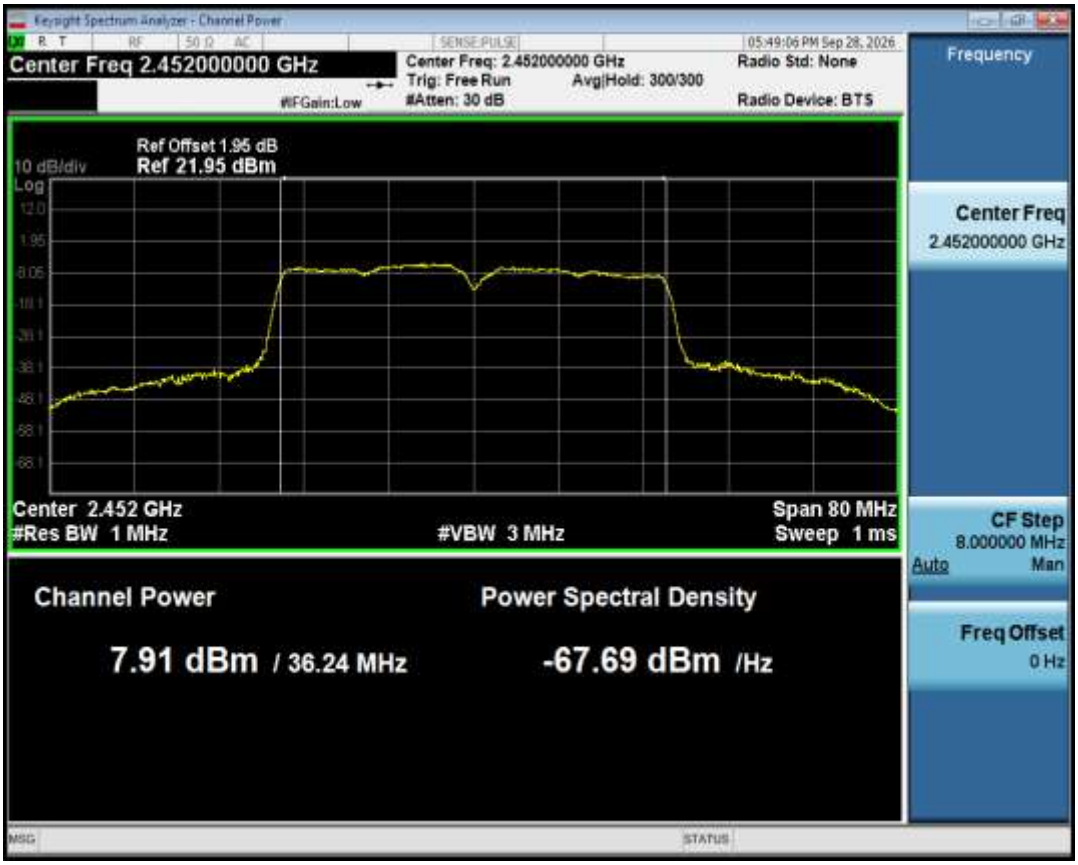
Average Power NVNT n20 2462MHz Ant1



Average Power NVNT n40 2422MHz Ant1



Average Power NVNT n40 2437MHz Ant1



Average Power NVNT n40 2452MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.575	0.5	Pass
NVNT	b	2437	Ant1	9.095	0.5	Pass
NVNT	b	2462	Ant1	9.107	0.5	Pass
NVNT	g	2412	Ant1	16.28	0.5	Pass
NVNT	g	2437	Ant1	16.33	0.5	Pass
NVNT	g	2462	Ant1	16.35	0.5	Pass
NVNT	n20	2412	Ant1	17.27	0.5	Pass
NVNT	n20	2437	Ant1	17.12	0.5	Pass
NVNT	n20	2462	Ant1	17.43	0.5	Pass
NVNT	n40	2422	Ant1	35.71	0.5	Pass
NVNT	n40	2437	Ant1	35.44	0.5	Pass
NVNT	n40	2452	Ant1	35.77	0.5	Pass



-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.794
NVNT	b	2437	Ant1	11.745
NVNT	b	2462	Ant1	11.824
NVNT	g	2412	Ant1	16.55
NVNT	g	2437	Ant1	16.548
NVNT	g	2462	Ant1	16.627
NVNT	n20	2412	Ant1	17.59
NVNT	n20	2437	Ant1	17.547
NVNT	n20	2462	Ant1	17.639
NVNT	n40	2422	Ant1	36.125
NVNT	n40	2437	Ant1	36.109
NVNT	n40	2452	Ant1	36.24



OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1



OBW NVNT b 2462MHz Ant1



OBW NVNT g 2412MHz Ant1



OBW NVNT g 2437MHz Ant1



OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/30kHz)	Duty Factor (dB)	Total PSD (dBm/30kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.01	0.52	-7.49	8	Pass
NVNT	b	2437	Ant1	-11.93	0.52	-11.41	8	Pass
NVNT	b	2462	Ant1	-10.1	0.52	-9.58	8	Pass
NVNT	g	2412	Ant1	-12.95	2.49	-10.46	8	Pass
NVNT	g	2437	Ant1	-14.67	2.48	-12.19	8	Pass
NVNT	g	2462	Ant1	-12.19	2.49	-9.7	8	Pass
NVNT	n20	2412	Ant1	-13.03	3.35	-9.68	8	Pass
NVNT	n20	2437	Ant1	-15.12	2.49	-12.63	8	Pass
NVNT	n20	2462	Ant1	-13.4	2.49	-10.91	8	Pass
NVNT	n40	2422	Ant1	-17.74	3.37	-14.37	8	Pass
NVNT	n40	2437	Ant1	-17.38	3.37	-14.01	8	Pass
NVNT	n40	2452	Ant1	-16.98	3.6	-13.38	8	Pass



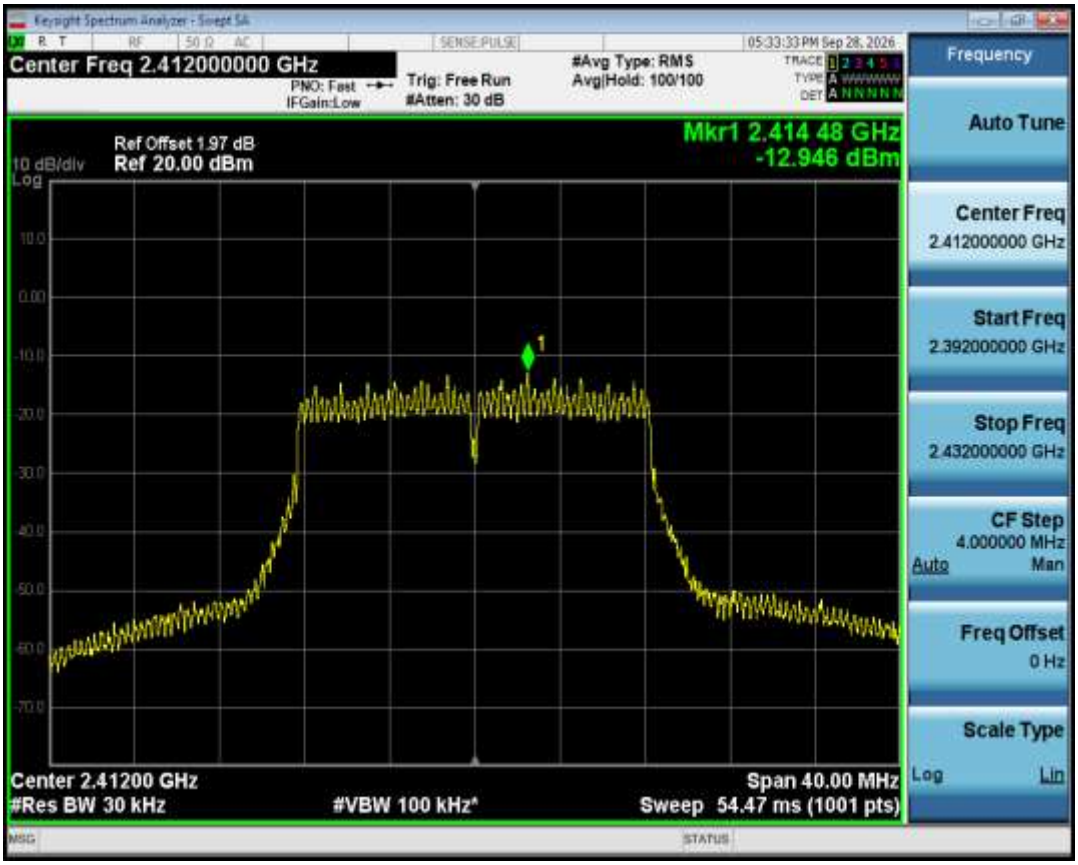
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



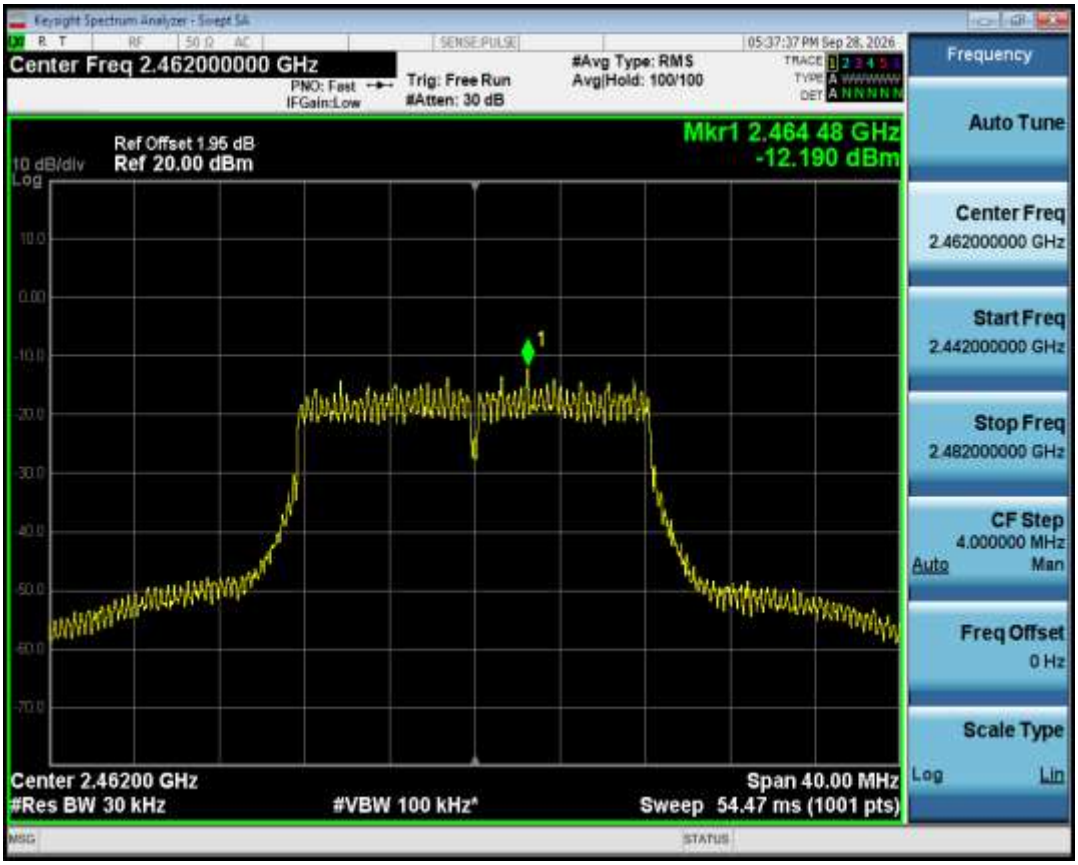
PSD NVNT b 2462MHz Ant1



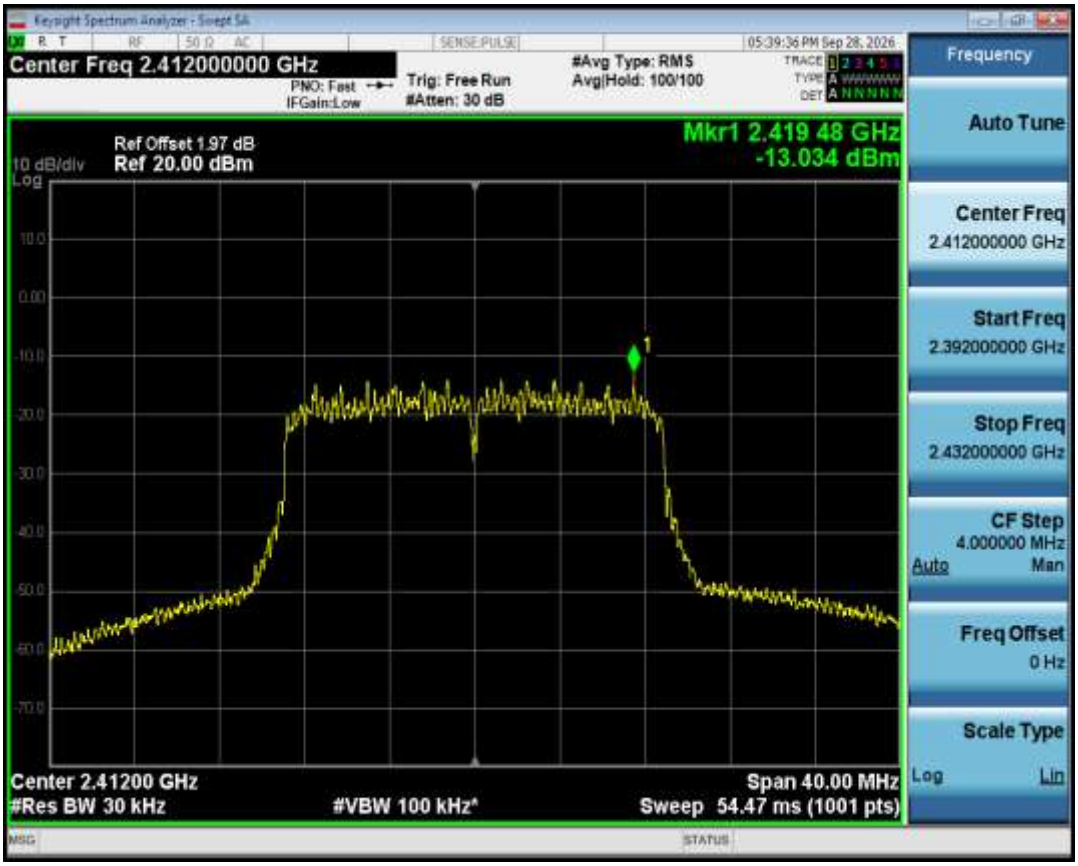
PSD NVNT g 2412MHz Ant1



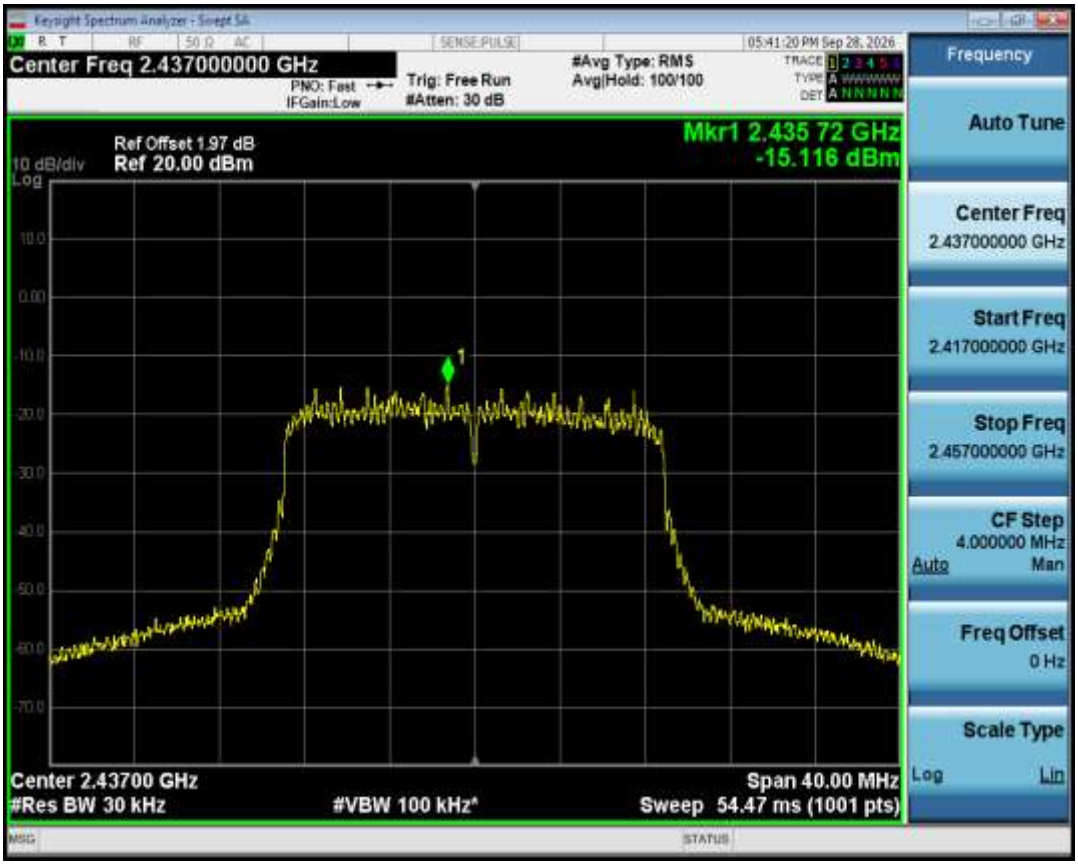
PSD NVNT g 2437MHz Ant1



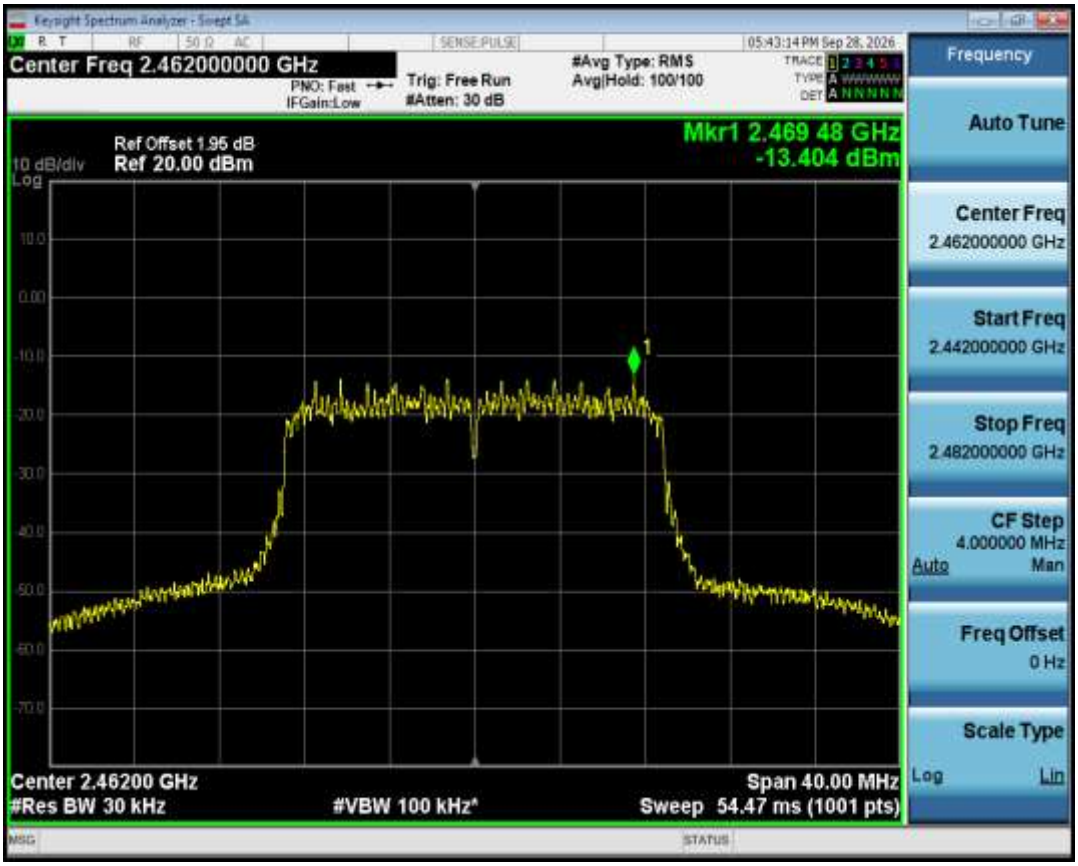
PSD NVNT g 2462MHz Ant1



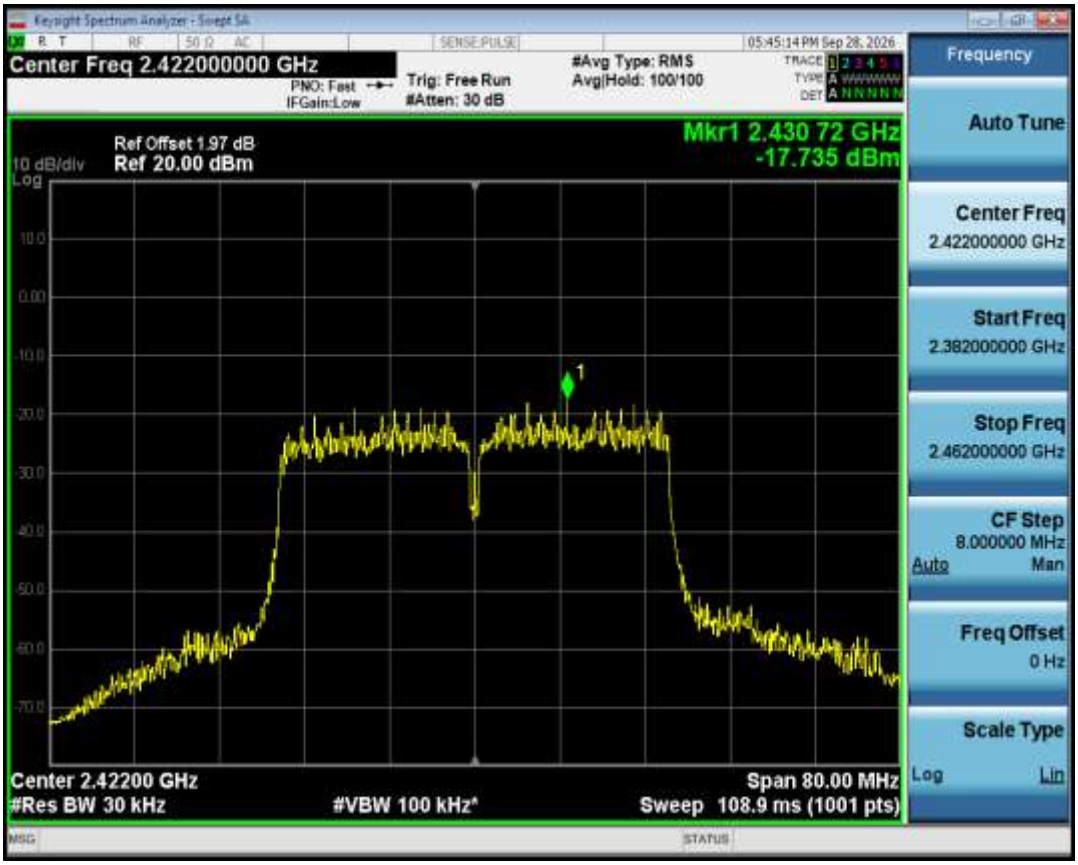
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



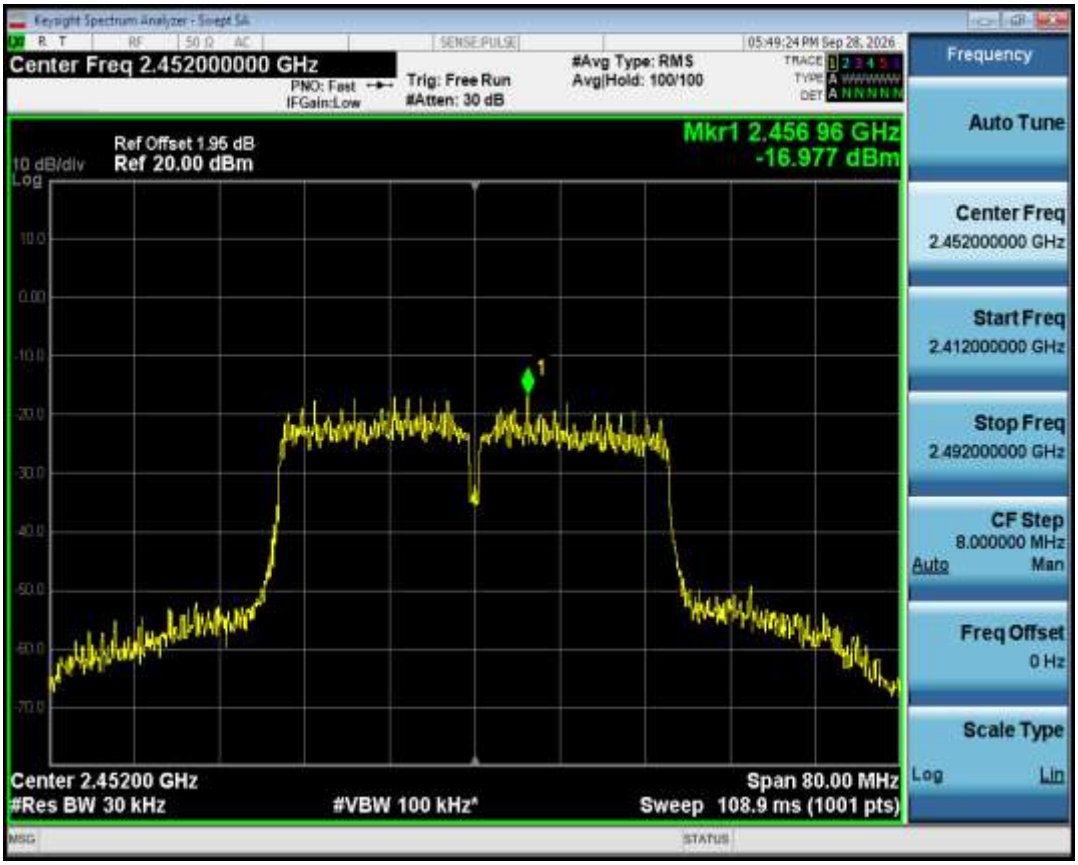
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.02	-30	Pass
NVNT	b	2462	Ant1	-53.1	-30	Pass
NVNT	g	2412	Ant1	-32.17	-30	Pass
NVNT	g	2462	Ant1	-39.19	-30	Pass
NVNT	n20	2412	Ant1	-31.31	-30	Pass
NVNT	n20	2462	Ant1	-39.2	-30	Pass
NVNT	n40	2422	Ant1	-34.55	-30	Pass
NVNT	n40	2452	Ant1	-34.3	-30	Pass



Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



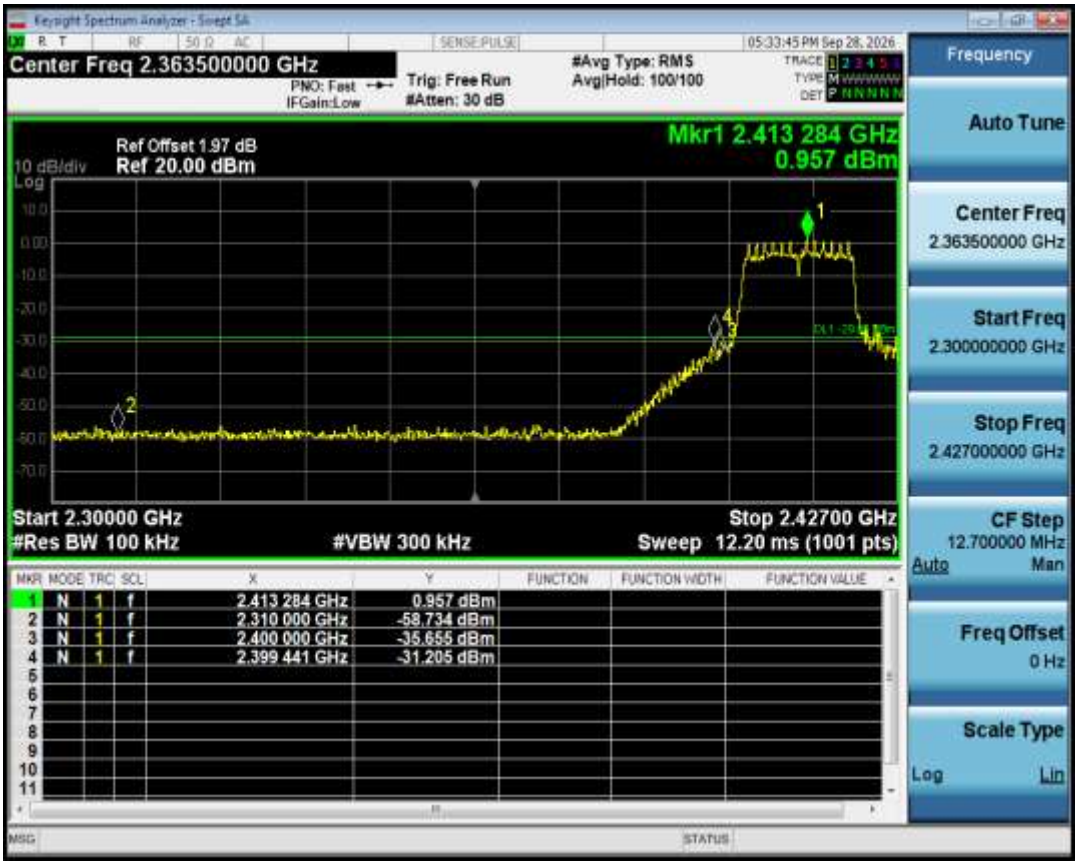
Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.74	-30	Pass
NVNT	b	2437	Ant1	-47.26	-30	Pass
NVNT	b	2462	Ant1	-48.1	-30	Pass
NVNT	g	2412	Ant1	-46.82	-30	Pass
NVNT	g	2437	Ant1	-44.74	-30	Pass
NVNT	g	2462	Ant1	-46.86	-30	Pass
NVNT	n20	2412	Ant1	-46.94	-30	Pass
NVNT	n20	2437	Ant1	-44.87	-30	Pass
NVNT	n20	2462	Ant1	-46.04	-30	Pass
NVNT	n40	2422	Ant1	-42.03	-30	Pass
NVNT	n40	2437	Ant1	-40.64	-30	Pass
NVNT	n40	2452	Ant1	-43.37	-30	Pass



Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



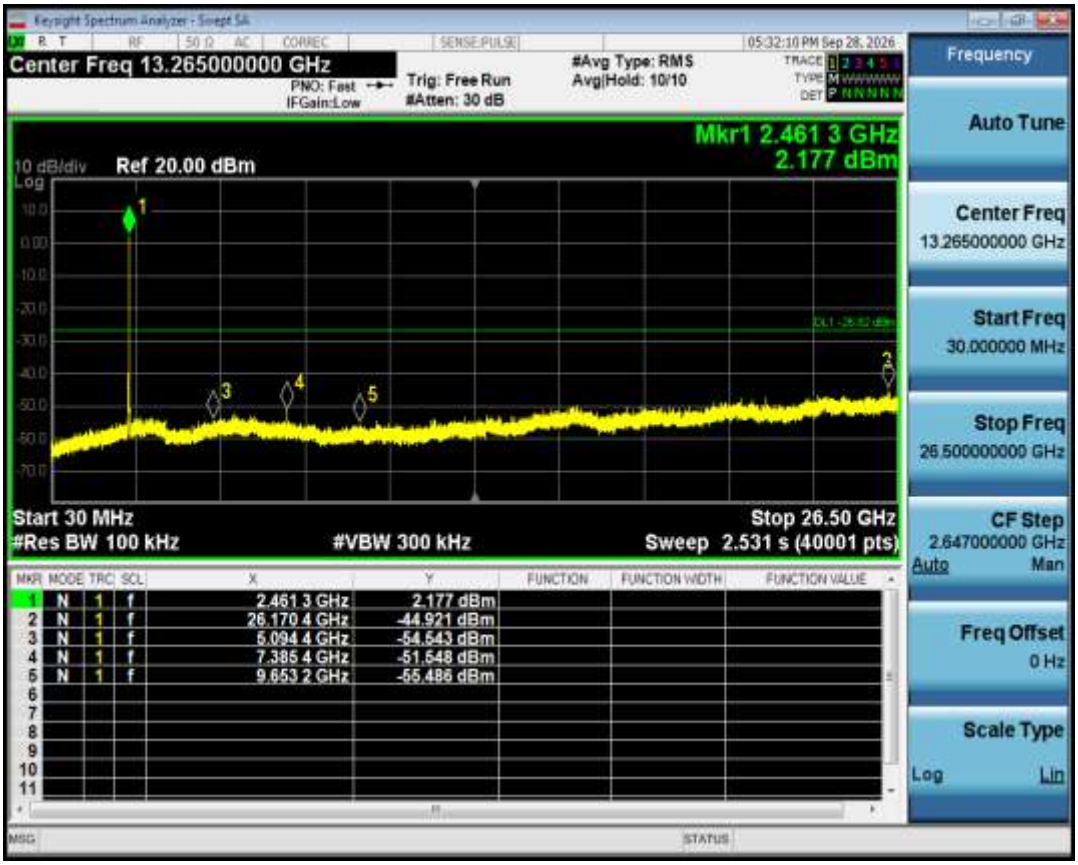
Tx. Spurious NVNT b 2437MHz Ant1 Ref



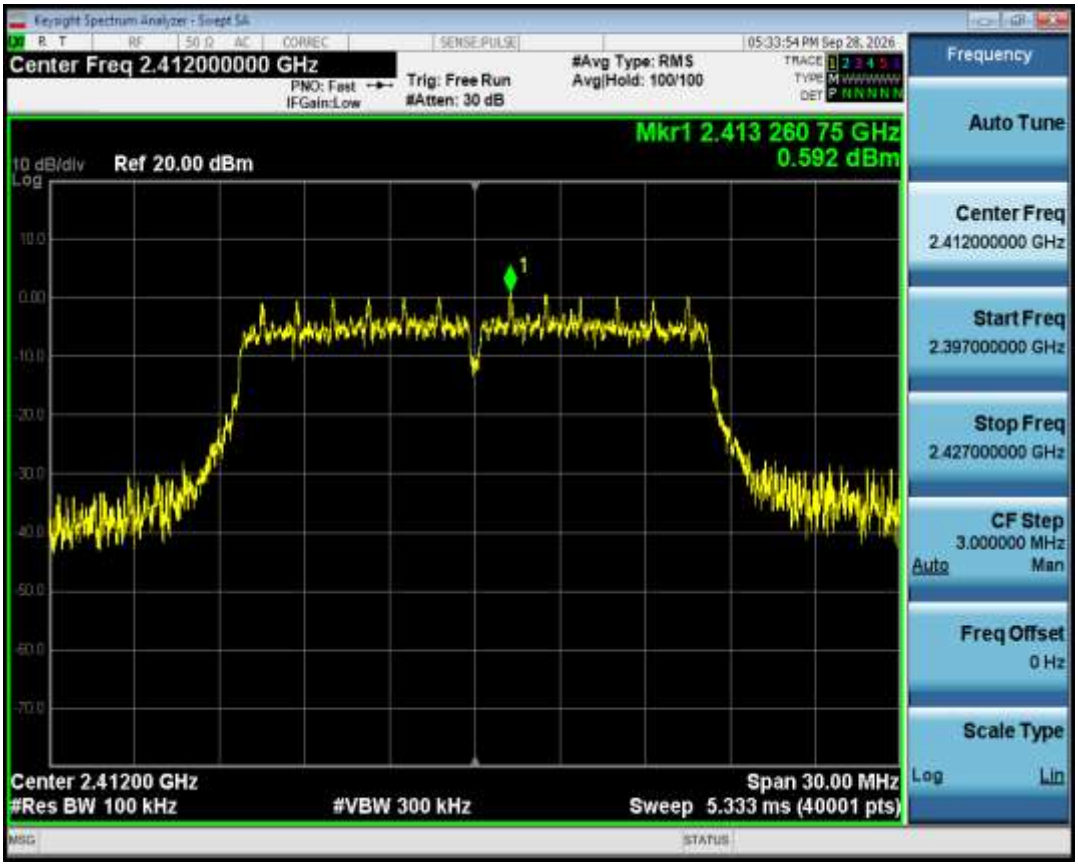
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



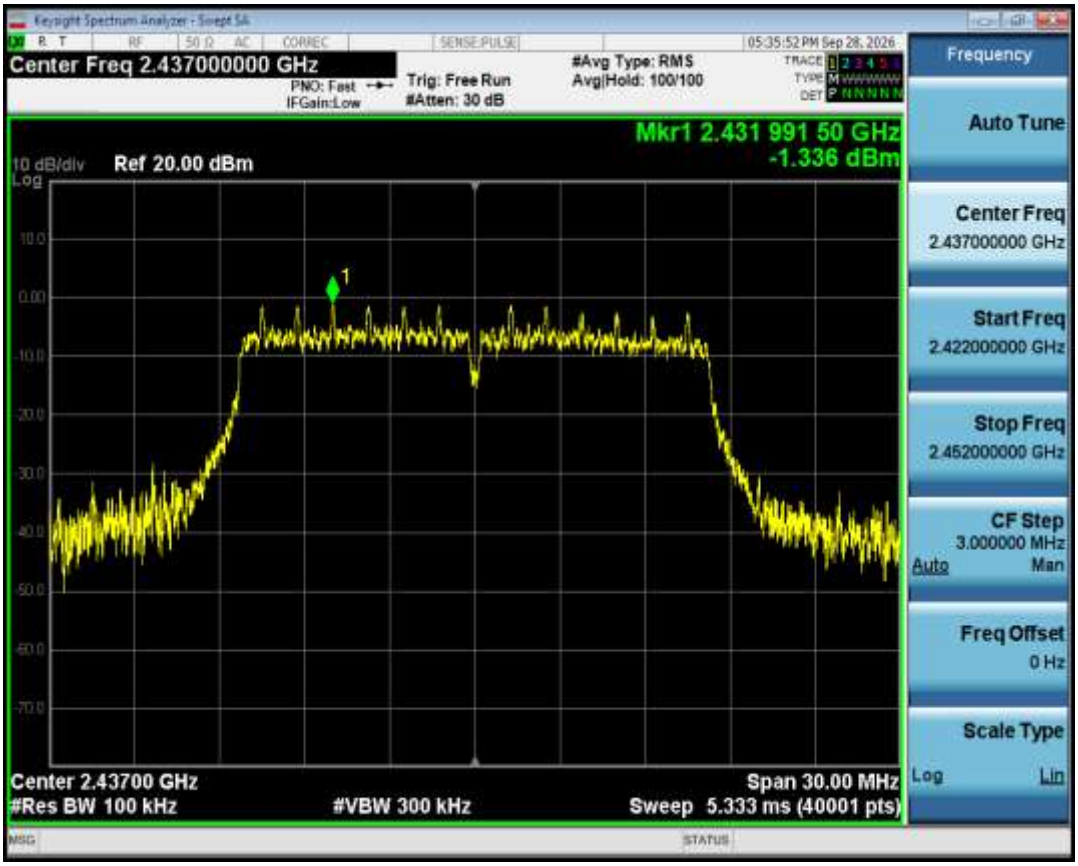
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



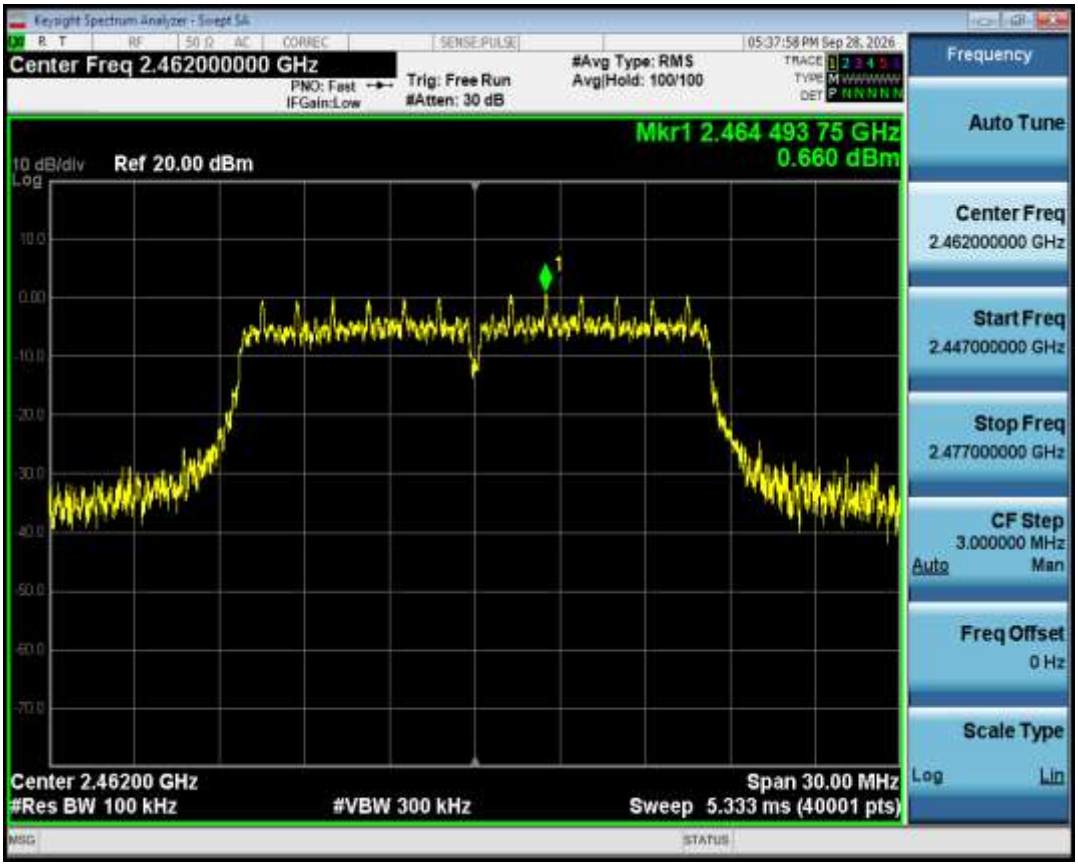
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Ref



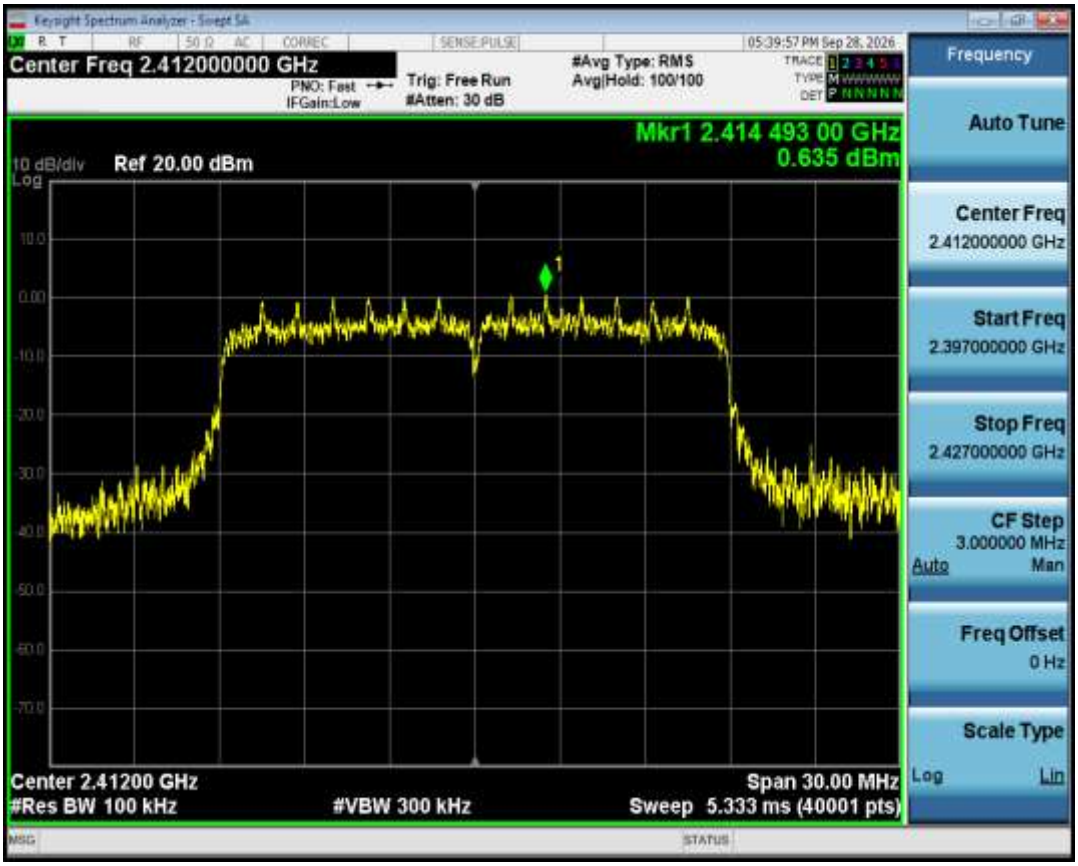
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref



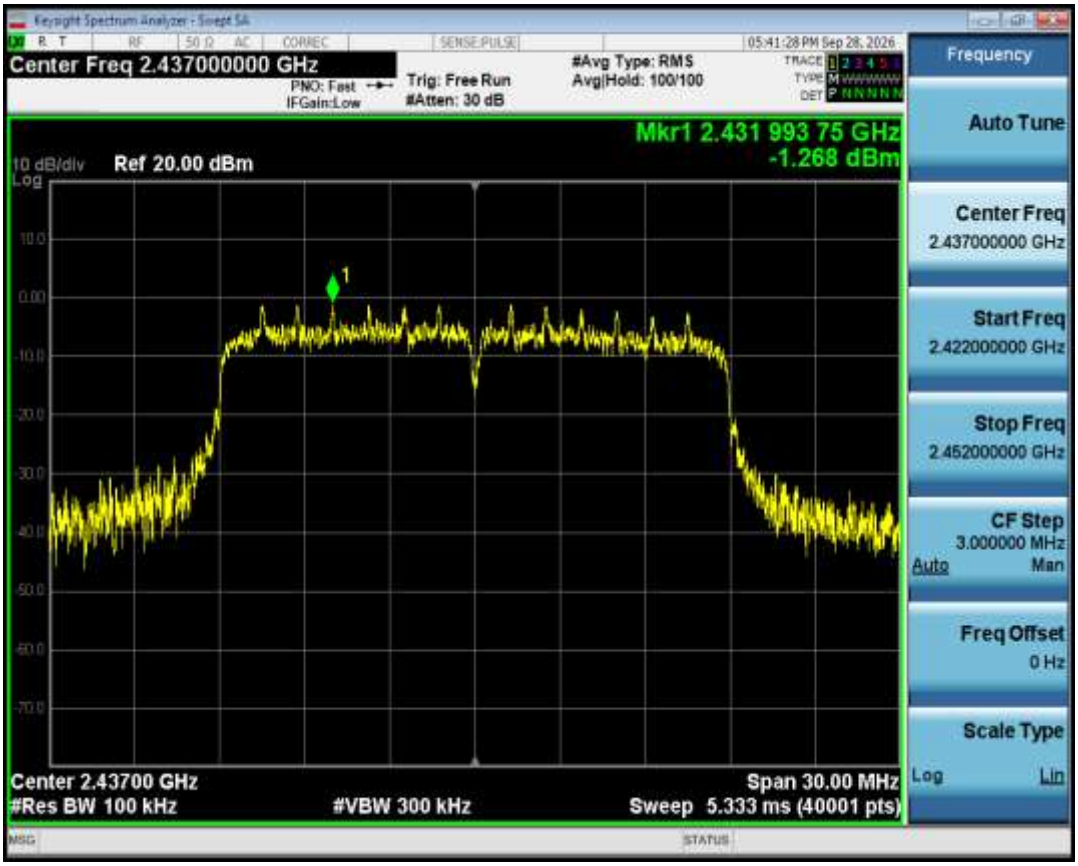
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



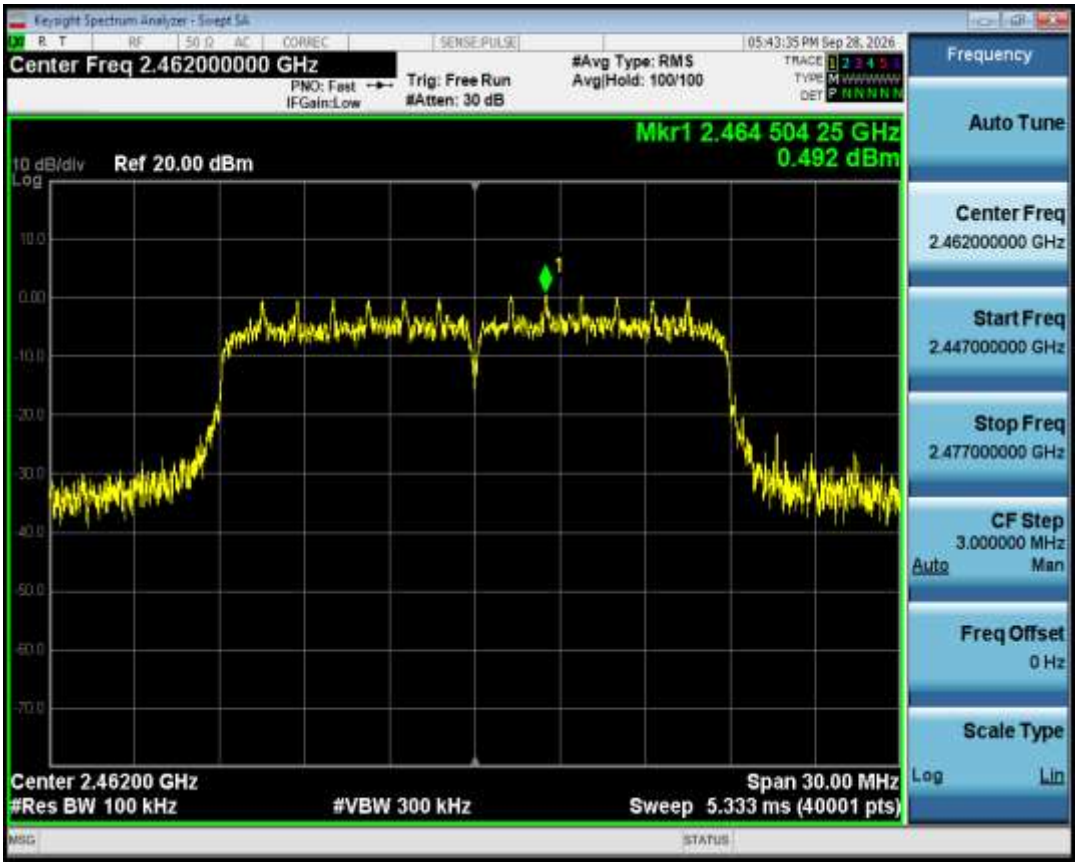
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



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



Tx. Spurious NVNT n40 2422MHz Ant1 Ref



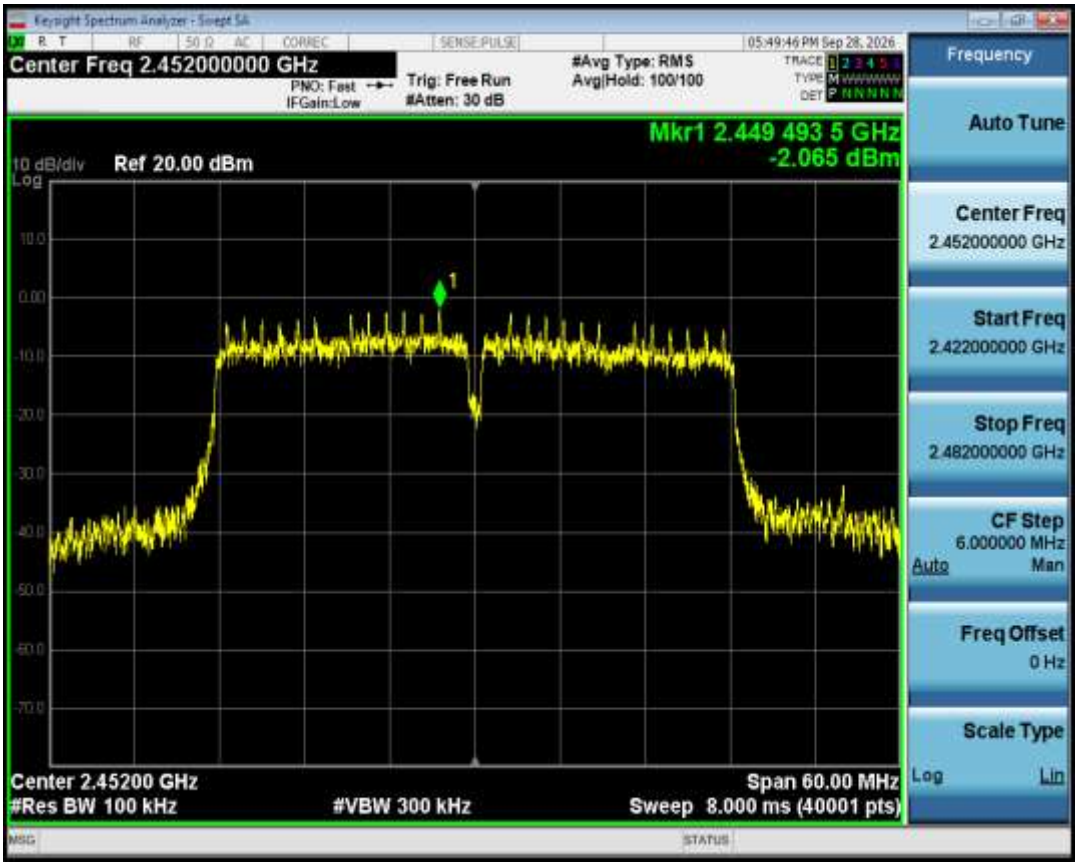
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



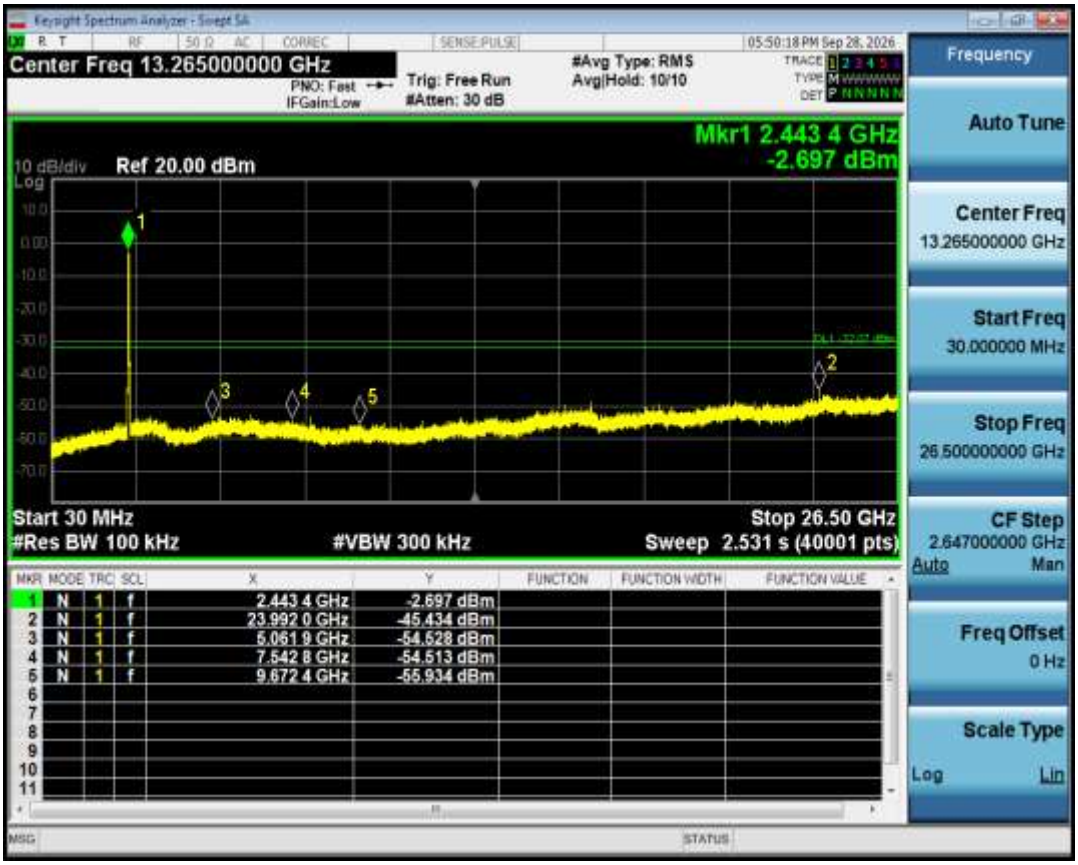
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission