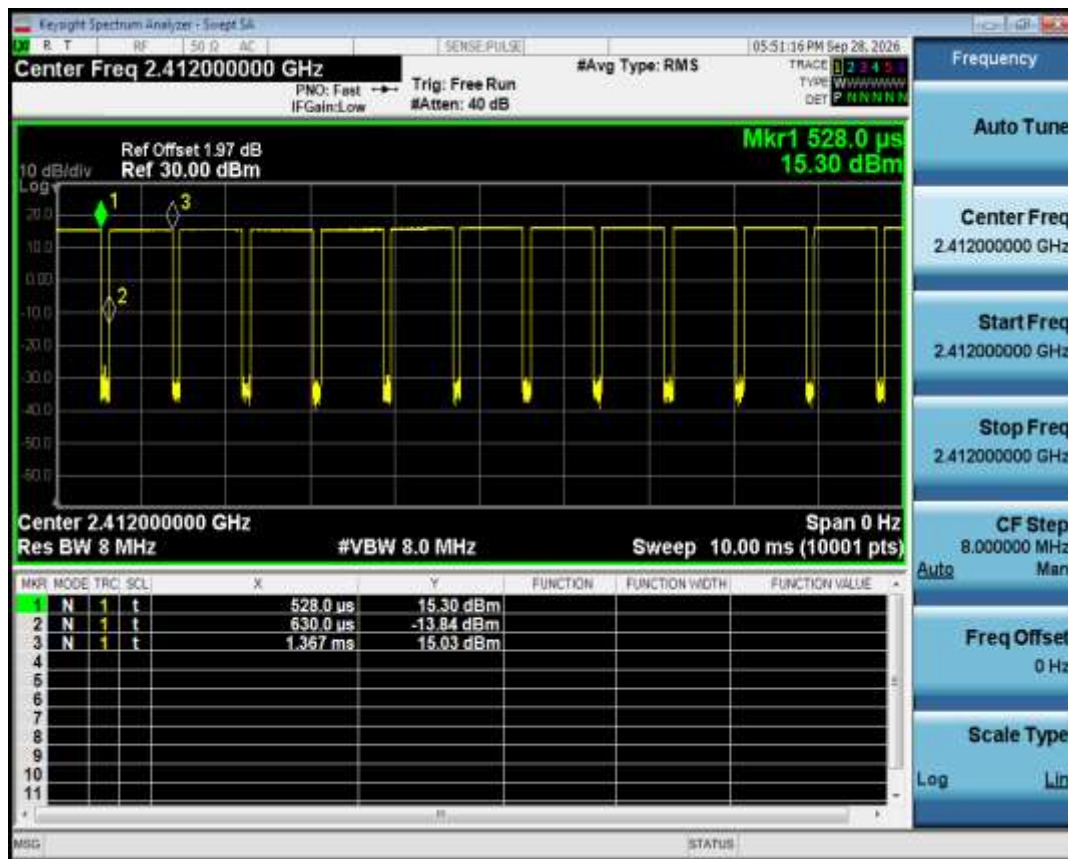


RF Test Data

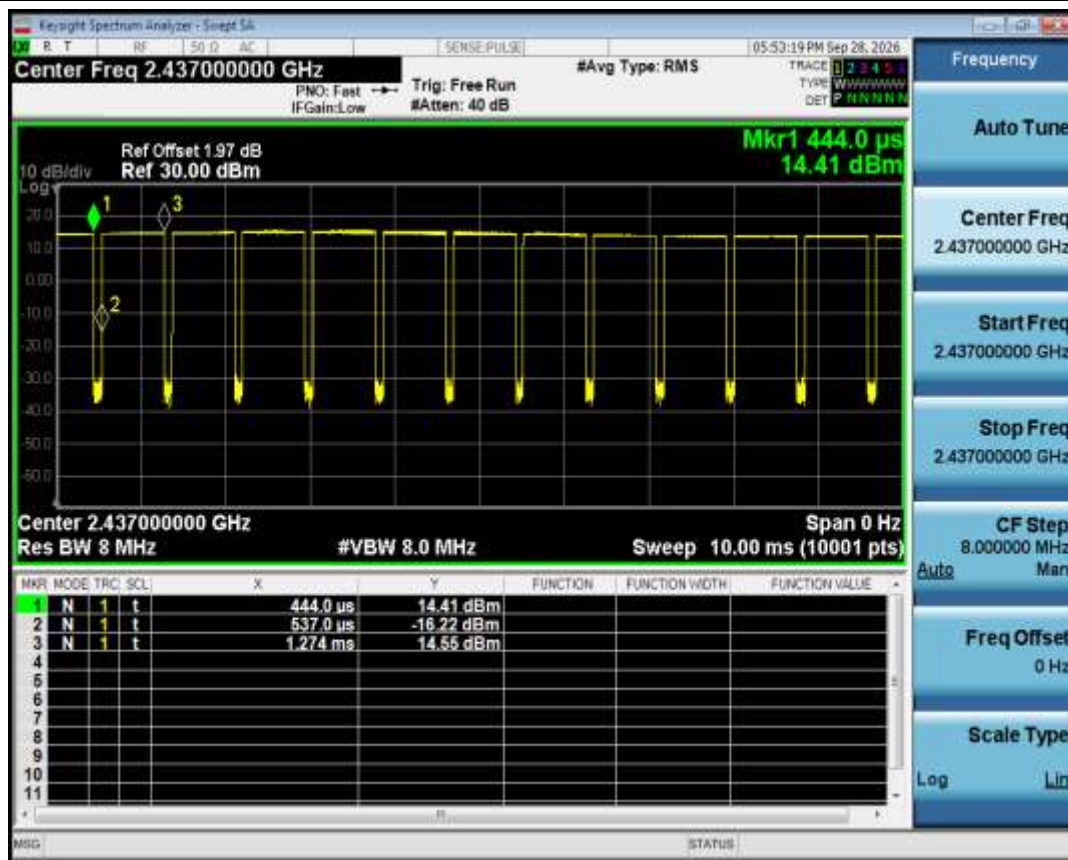
Duty Cycle	2
Maximum Average Conducted Output Power	9
-6dB Bandwidth	16
Occupied Channel Bandwidth	23
Maximum Power Spectral Density Level.....	30
Band Edge.....	37
Conducted RF Spurious Emission	46

Duty Cycle

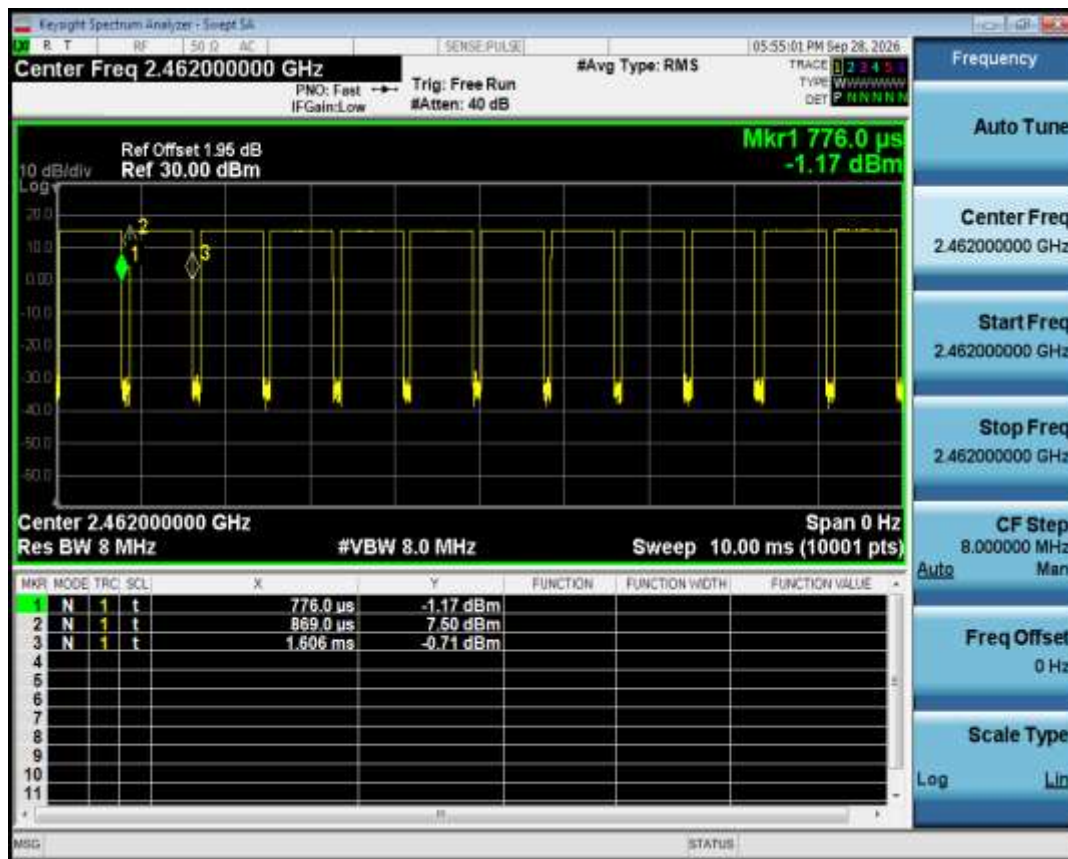
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	87.84	0.56	1.36
NVNT	b	2437	Ant1	88.8	0.52	1.36
NVNT	b	2462	Ant1	88.8	0.52	1.36
NVNT	g	2412	Ant1	56.31	2.49	8.62
NVNT	g	2437	Ant1	56.31	2.49	8.62
NVNT	g	2462	Ant1	56.55	2.48	8.58
NVNT	n20	2412	Ant1	56.34	2.49	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	39.58	4.02	13.16
NVNT	n40	2437	Ant1	46.06	3.37	13.16
NVNT	n40	2452	Ant1	45.9	3.38	13.25



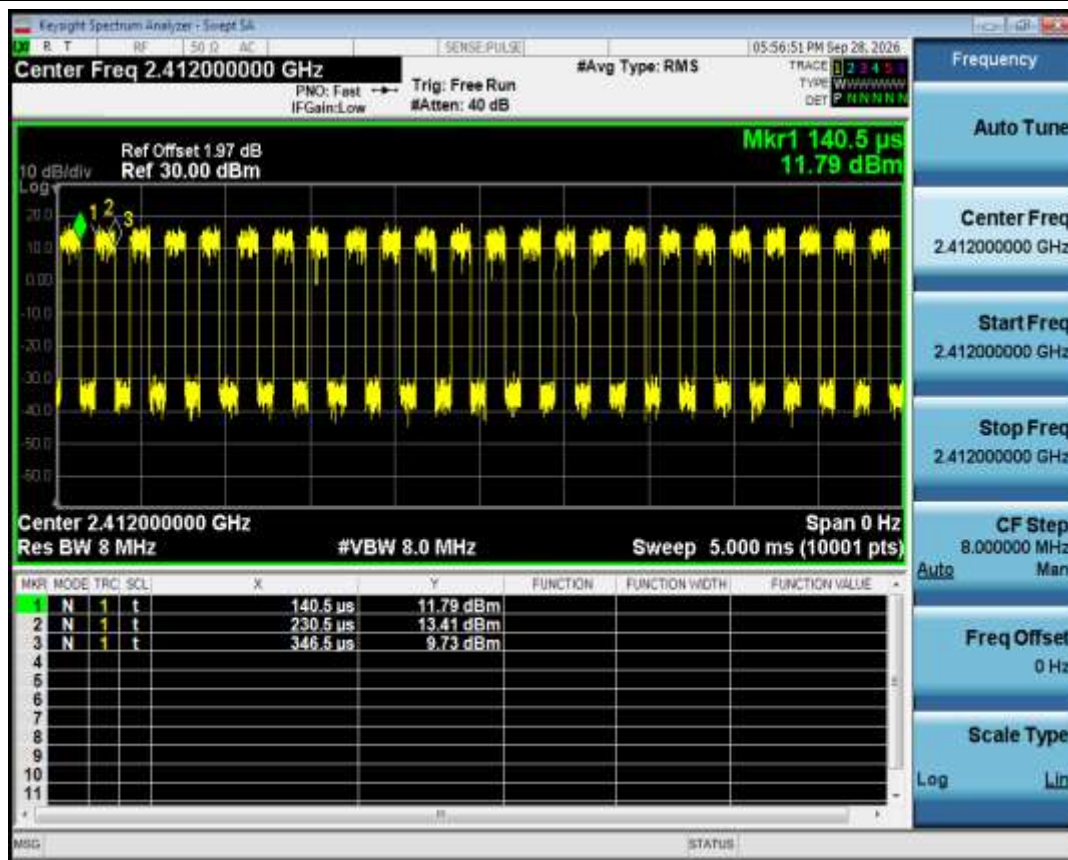
Duty Cycle NVNT b 2412MHz Ant1



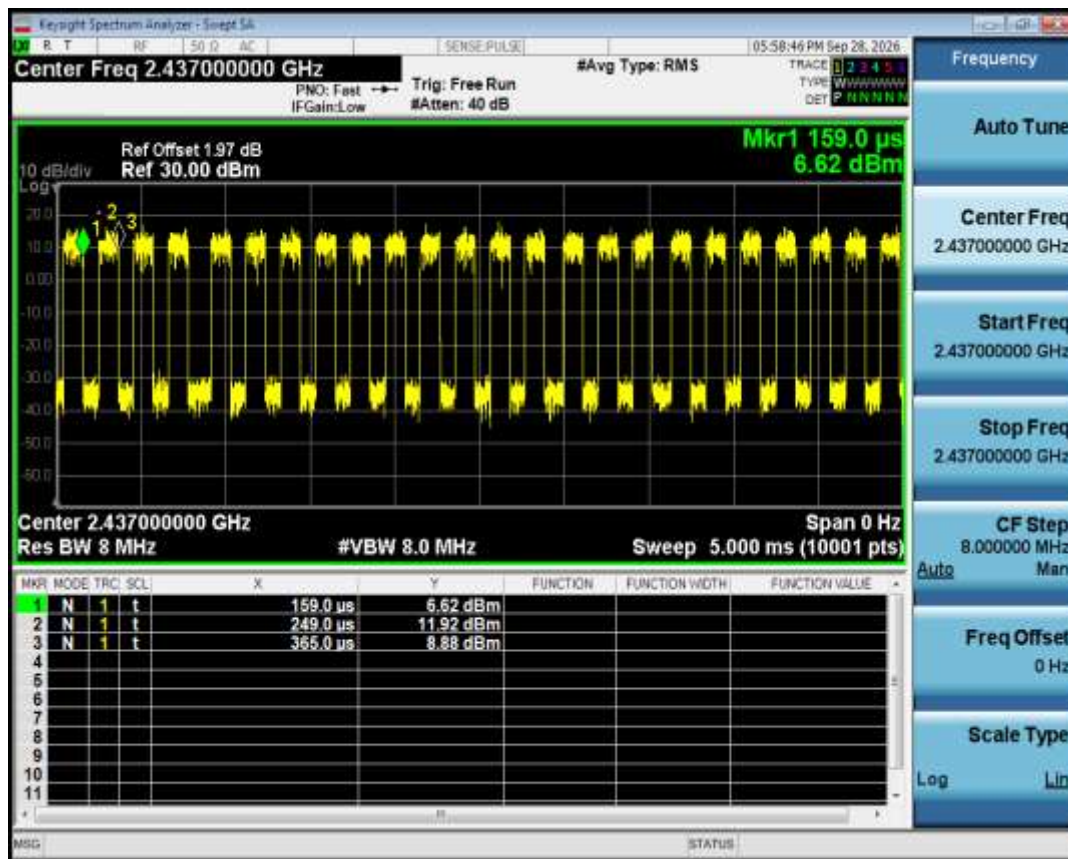
Duty Cycle NVNT b 2437MHz Ant1



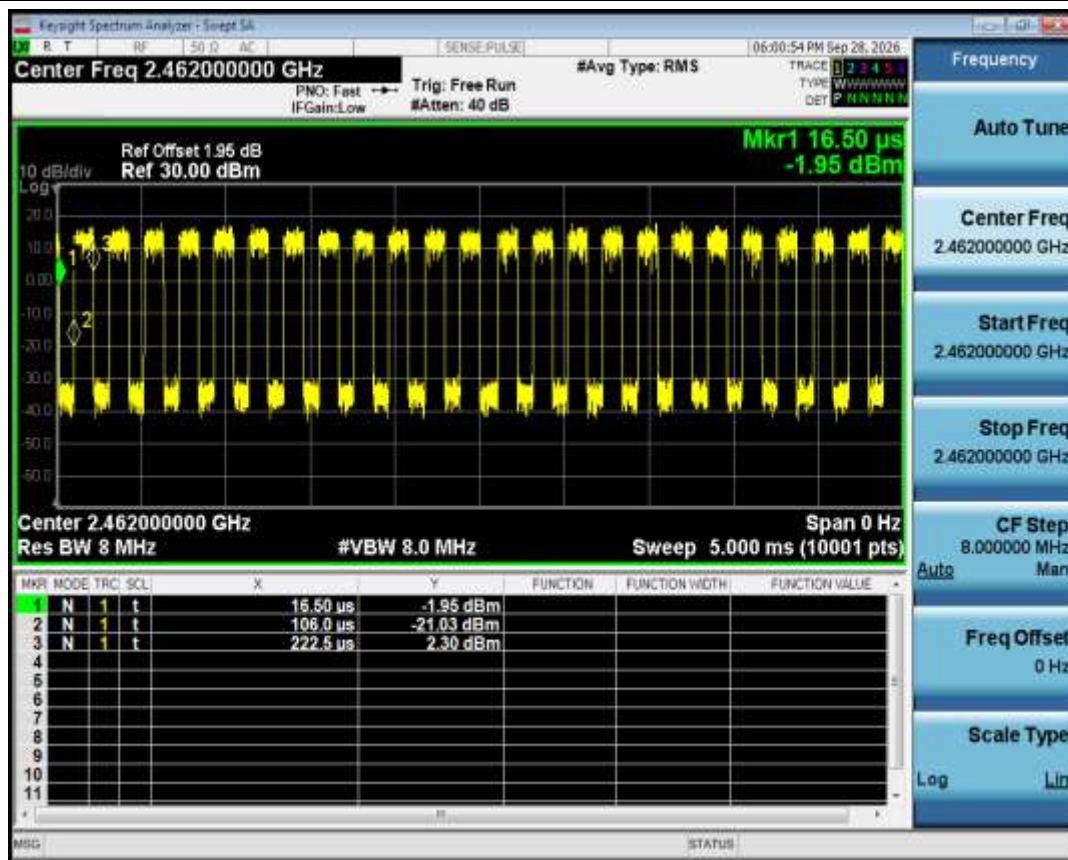
Duty Cycle NVNT b 2462MHz Ant1



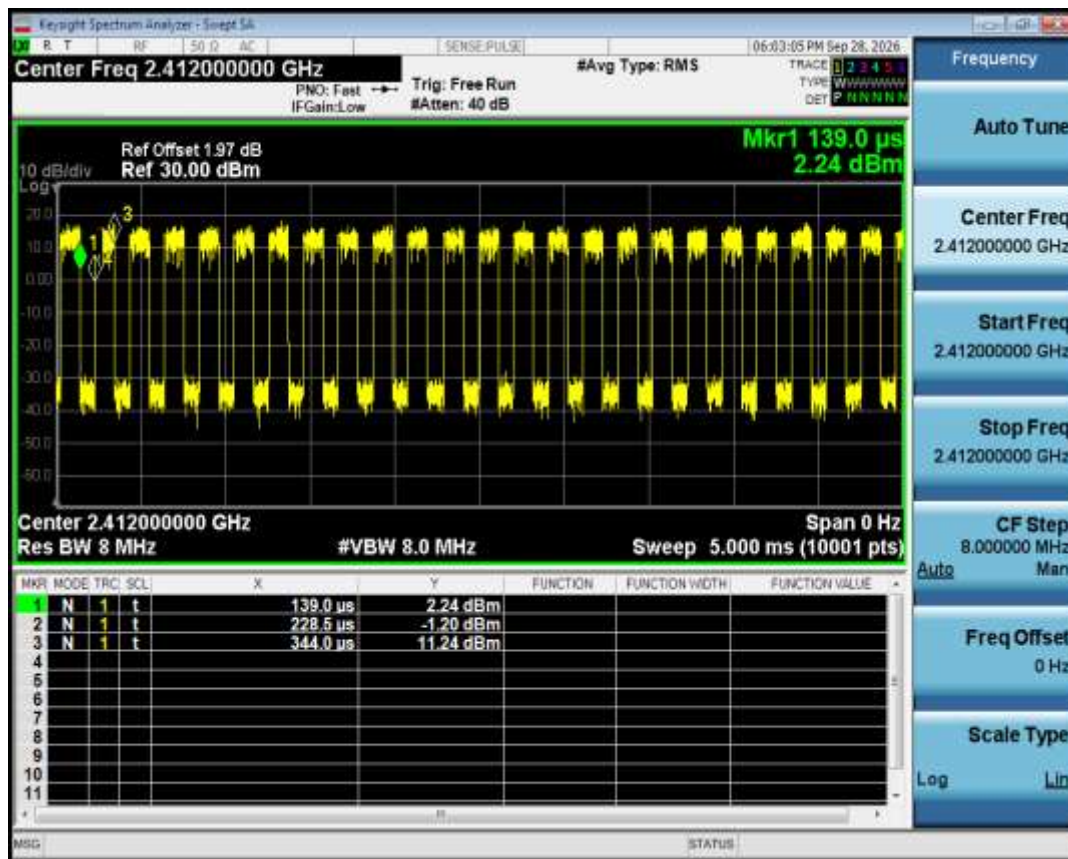
Duty Cycle NVNT g 2412MHz Ant1



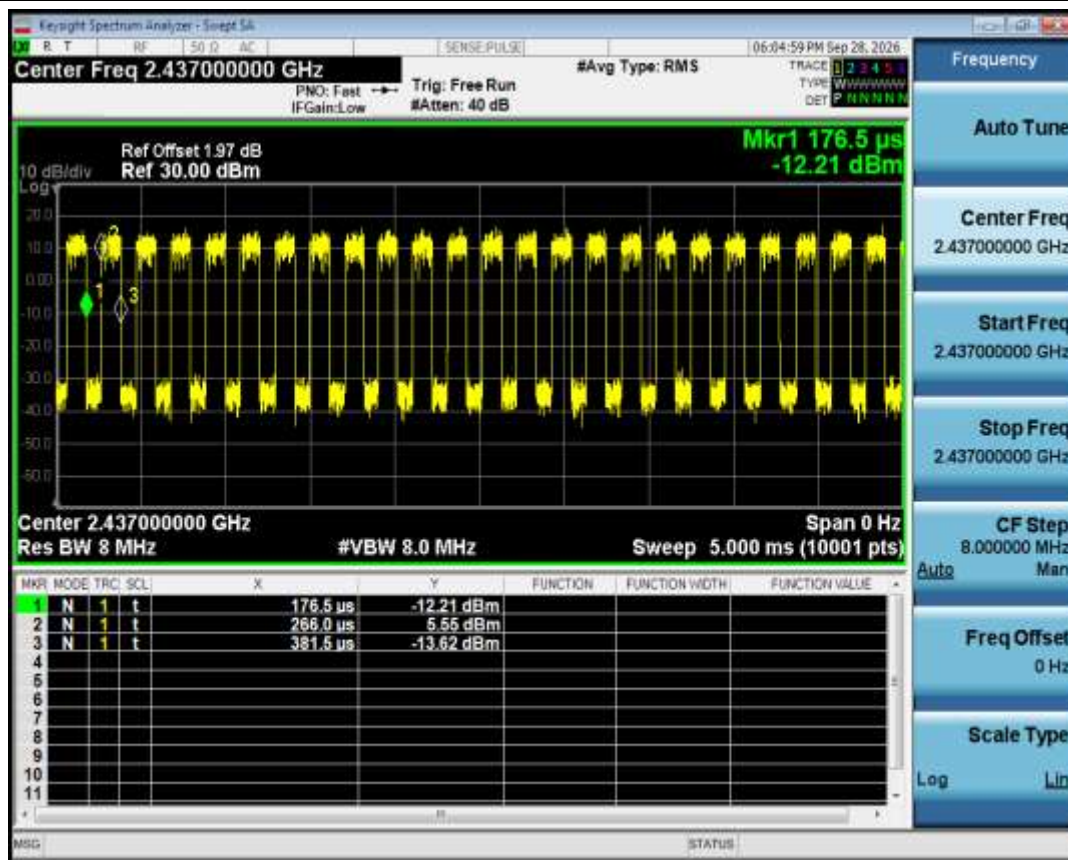
Duty Cycle NVNT g 2437MHz Ant1



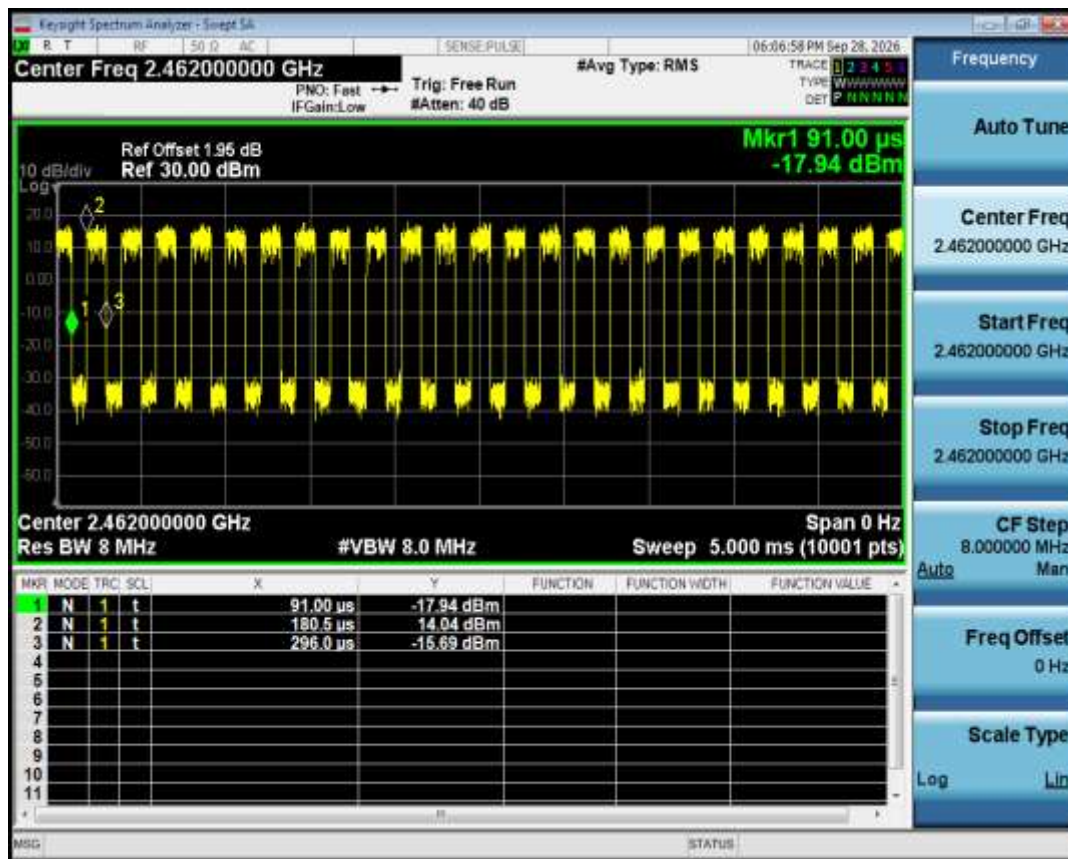
Duty Cycle NVNT g 2462MHz Ant1



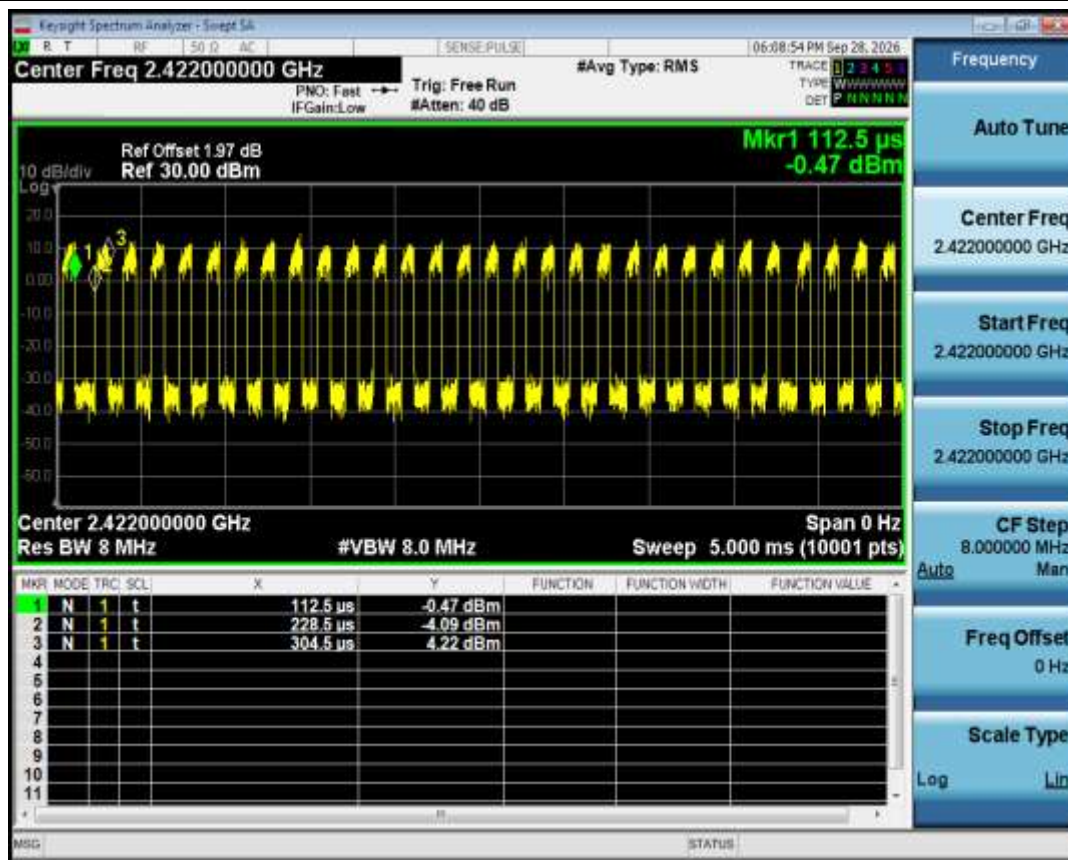
Duty Cycle NVNT n20 2412MHz Ant1



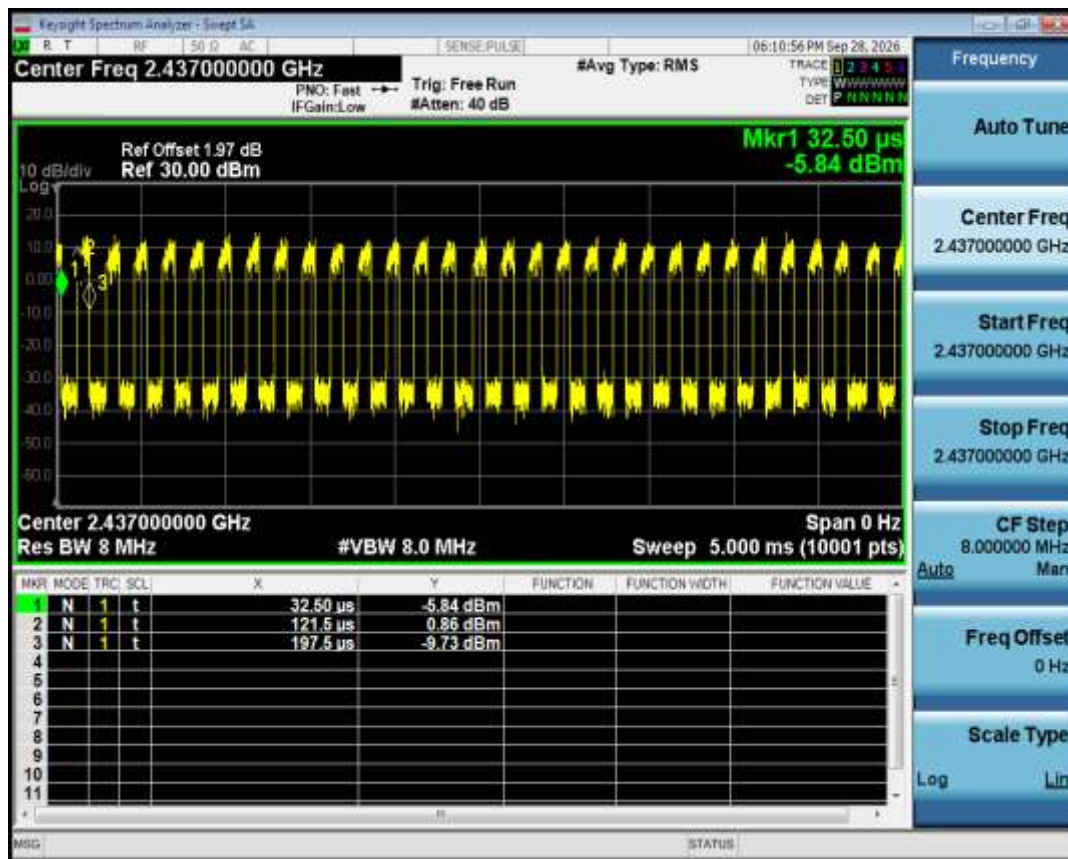
Duty Cycle NVNT n20 2437MHz Ant1



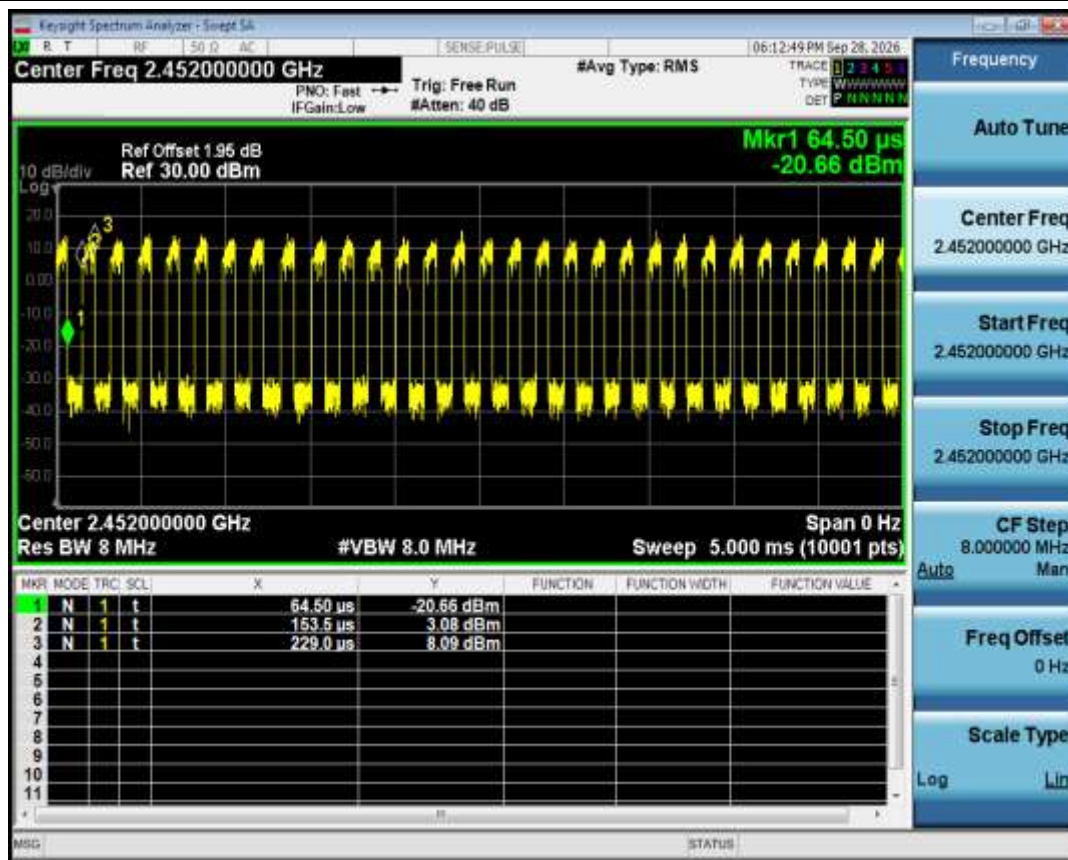
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



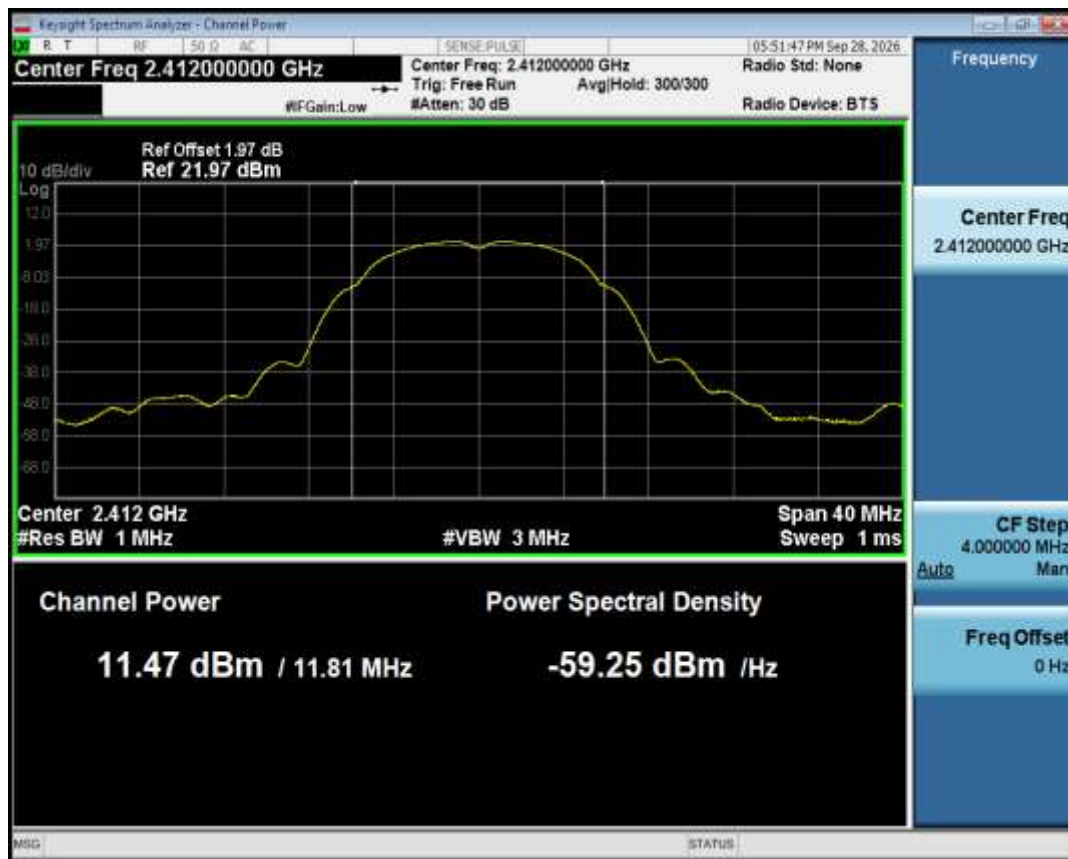
Duty Cycle NVNT n40 2437MHz Ant1



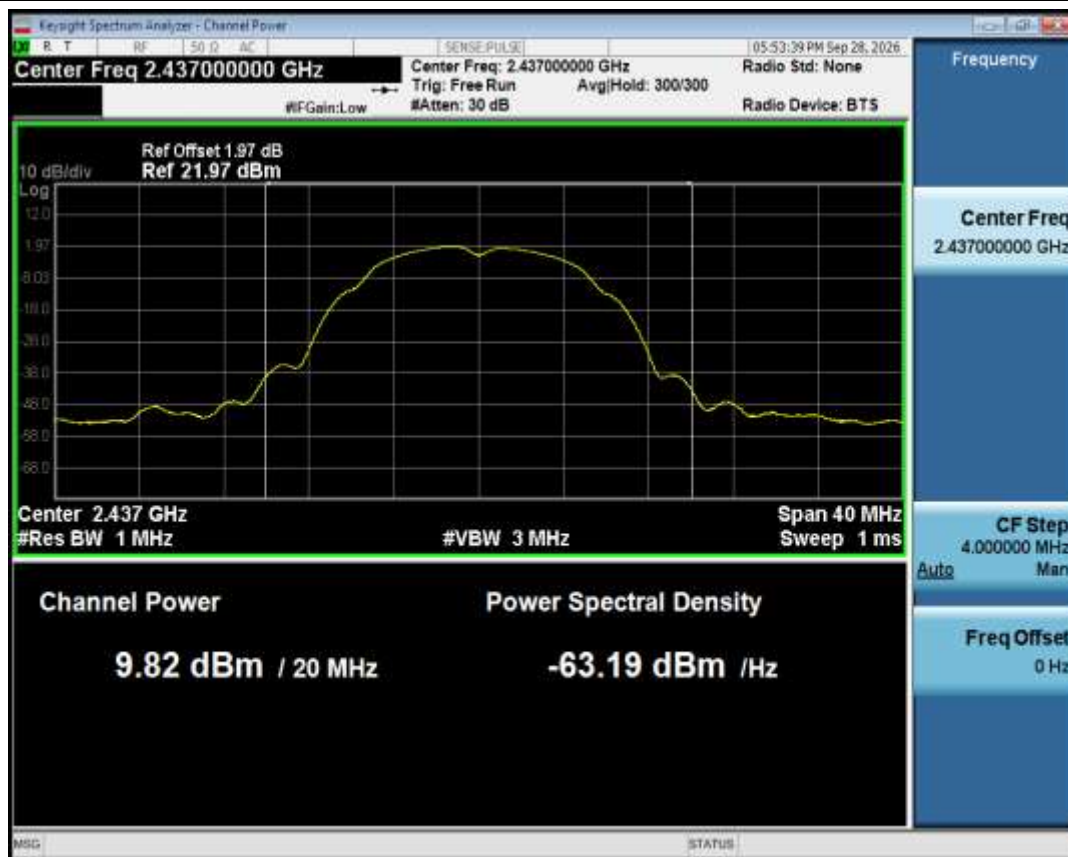
Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

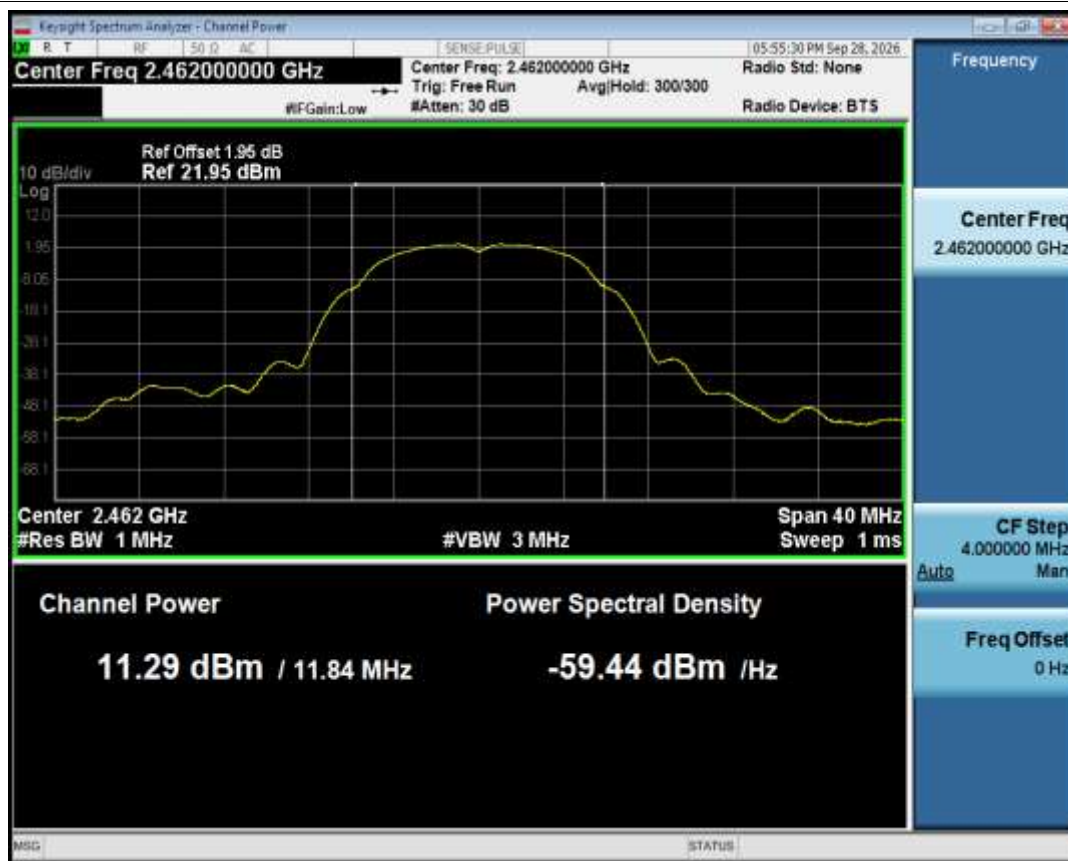
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b	2412	Ant1	11.47	0.56	12.03	0.01596	30	Pass
NVNT	b	2437	Ant1	9.82	0.52	10.34	0.01081	30	Pass
NVNT	b	2462	Ant1	11.29	0.52	11.81	0.01517	30	Pass
NVNT	g	2412	Ant1	9.06	2.49	11.55	0.01429	30	Pass
NVNT	g	2437	Ant1	7.55	2.49	10.04	0.01009	30	Pass
NVNT	g	2462	Ant1	9.11	2.48	11.59	0.01442	30	Pass
NVNT	n20	2412	Ant1	9.33	2.49	11.82	0.01521	30	Pass
NVNT	n20	2437	Ant1	7.75	2.49	10.24	0.01057	30	Pass
NVNT	n20	2462	Ant1	9.38	2.49	11.87	0.01538	30	Pass
NVNT	n40	2422	Ant1	6.78	4.02	10.8	0.01202	30	Pass
NVNT	n40	2437	Ant1	7.23	3.37	10.6	0.01148	30	Pass
NVNT	n40	2452	Ant1	7.9	3.38	11.28	0.01343	30	Pass



Average Power NVNT b 2412MHz Ant1



Average Power NVNT b 2437MHz Ant1



Average Power NVNT b 2462MHz Ant1



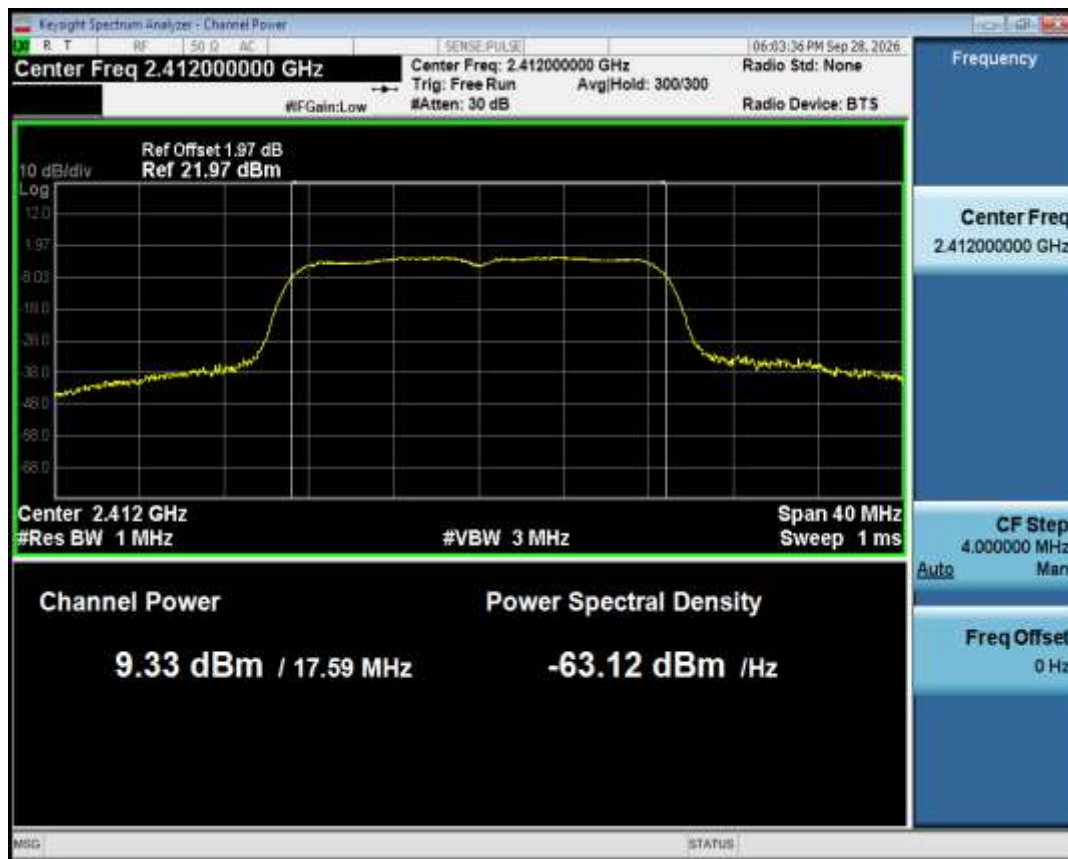
Average Power NVNT g 2412MHz Ant1



Average Power NVNT g 2437MHz Ant1



Average Power NVNT g 2462MHz Ant1



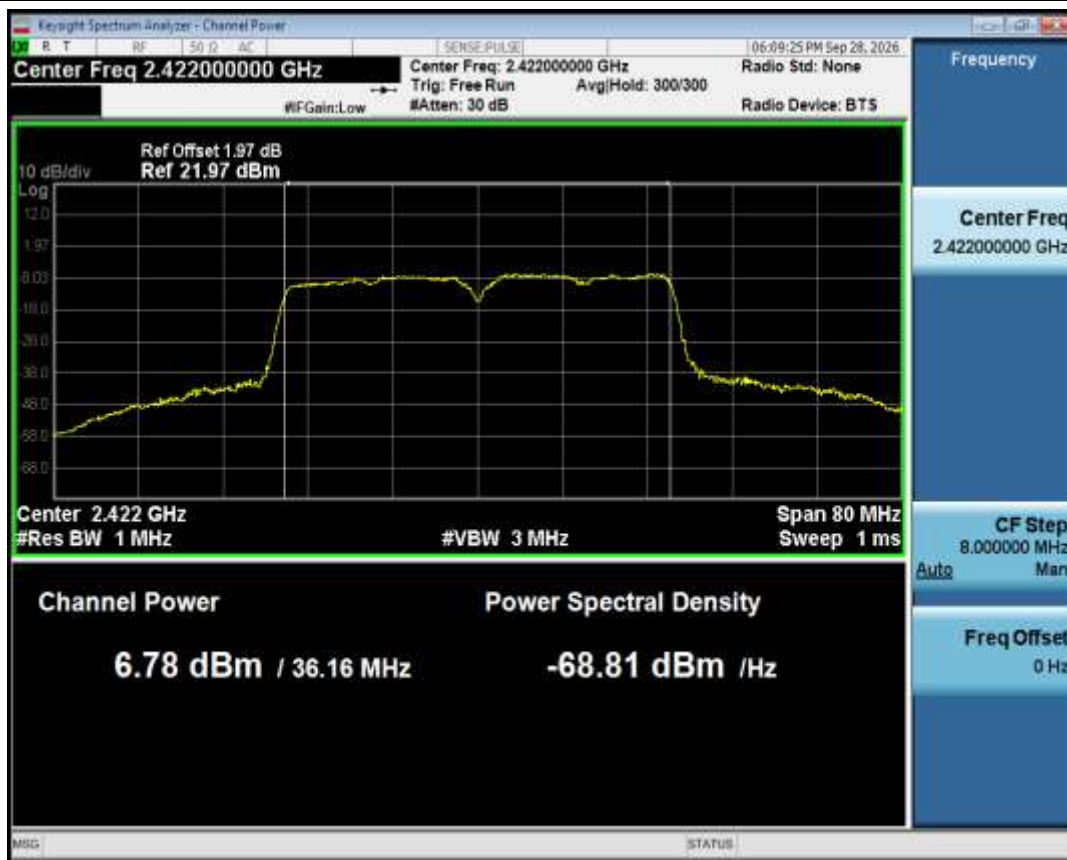
Average Power NVNT n20 2412MHz Ant1



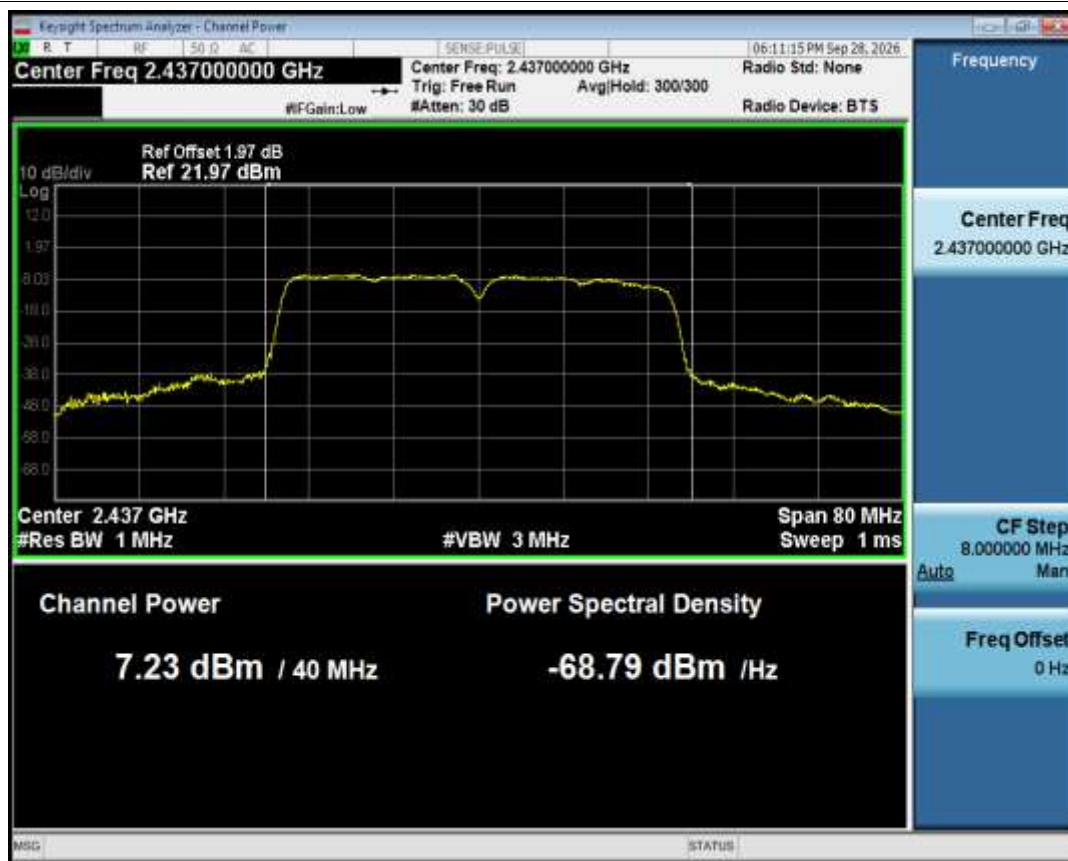
Average Power NVNT n20 2437MHz Ant1



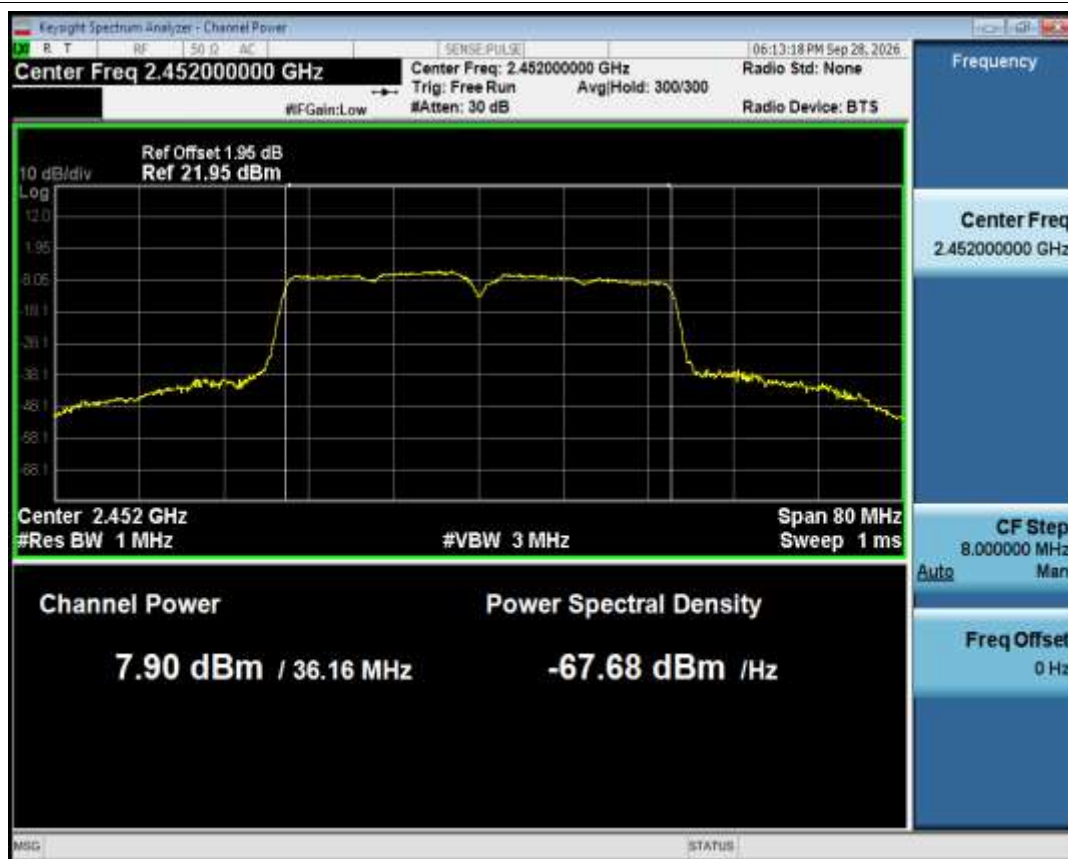
Average Power NVNT n20 2462MHz Ant1



Average Power NVNT n40 2422MHz Ant1



Average Power NVNT n40 2437MHz Ant1



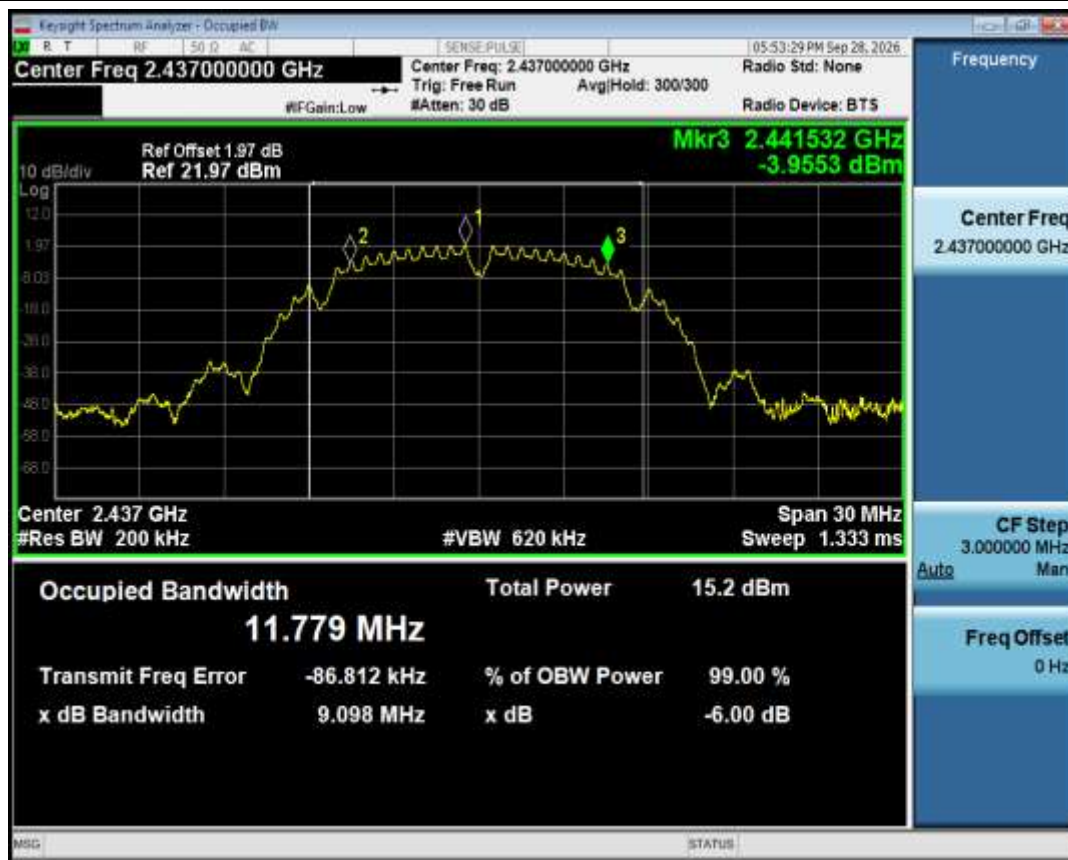
Average Power NVNT n40 2452MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.102	0.5	Pass
NVNT	b	2437	Ant1	9.098	0.5	Pass
NVNT	b	2462	Ant1	9.105	0.5	Pass
NVNT	g	2412	Ant1	16.36	0.5	Pass
NVNT	g	2437	Ant1	16.28	0.5	Pass
NVNT	g	2462	Ant1	16.34	0.5	Pass
NVNT	n20	2412	Ant1	17.22	0.5	Pass
NVNT	n20	2437	Ant1	17.19	0.5	Pass
NVNT	n20	2462	Ant1	17.47	0.5	Pass
NVNT	n40	2422	Ant1	35.85	0.5	Pass
NVNT	n40	2437	Ant1	35.42	0.5	Pass
NVNT	n40	2452	Ant1	35.66	0.5	Pass



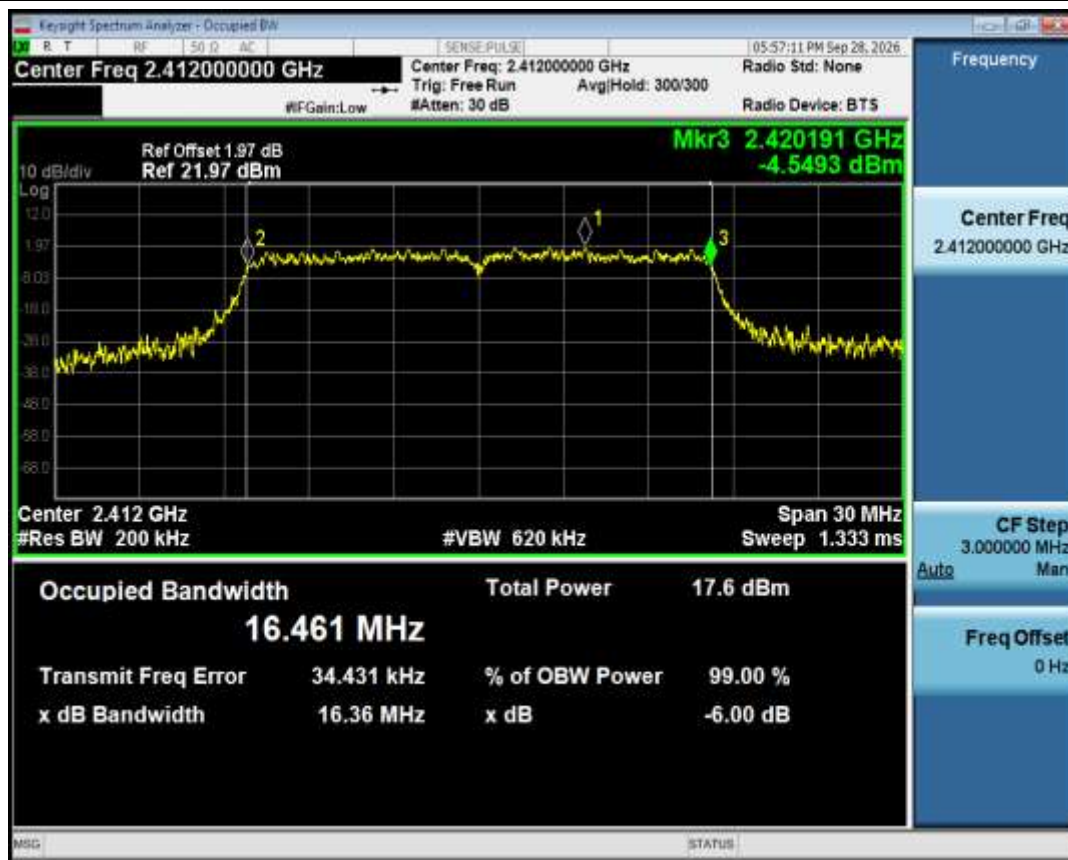
-6dB Bandwidth NVNT b 2412MHz Ant1



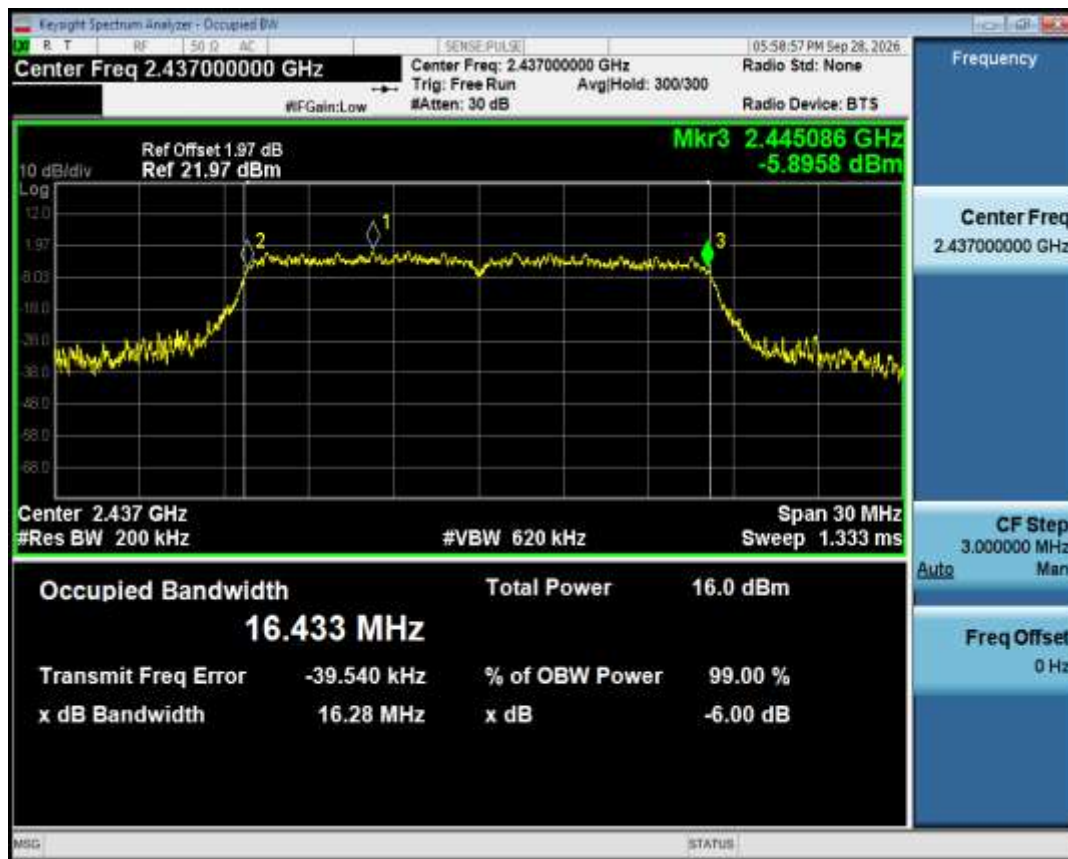
-6dB Bandwidth NVNT b 2437MHz Ant1



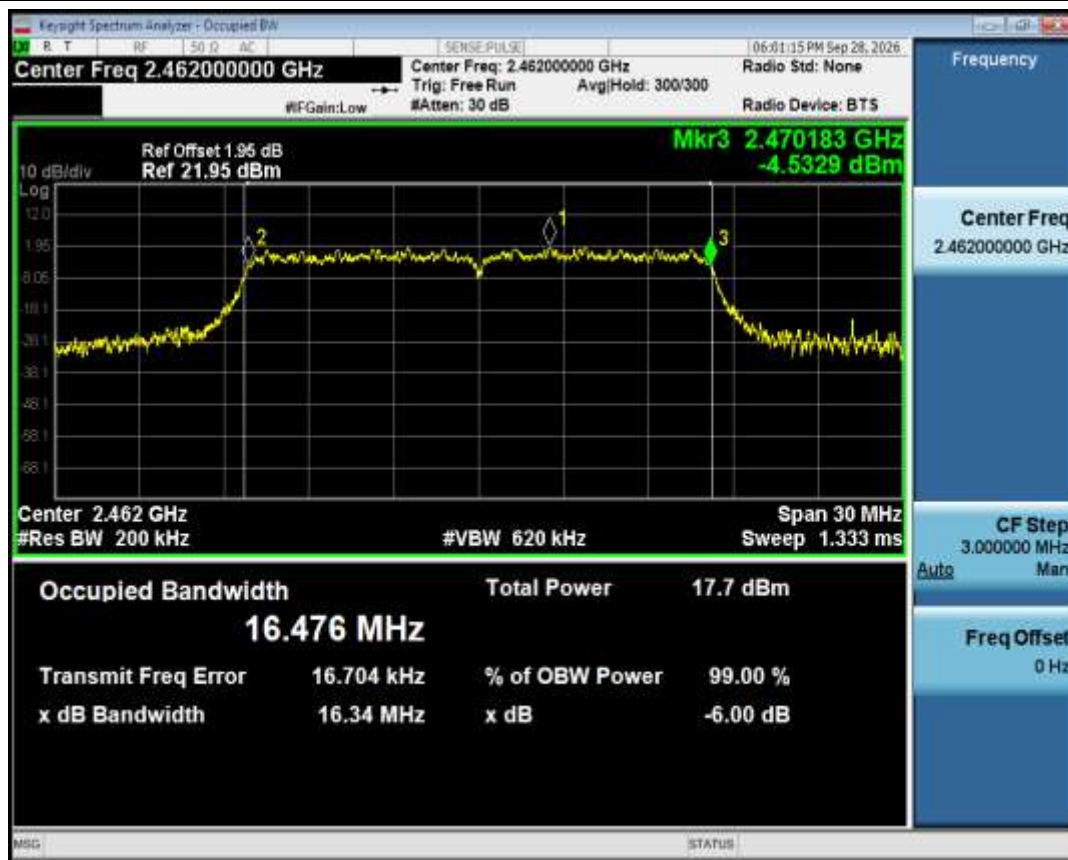
-6dB Bandwidth NVNT b 2462MHz Ant1



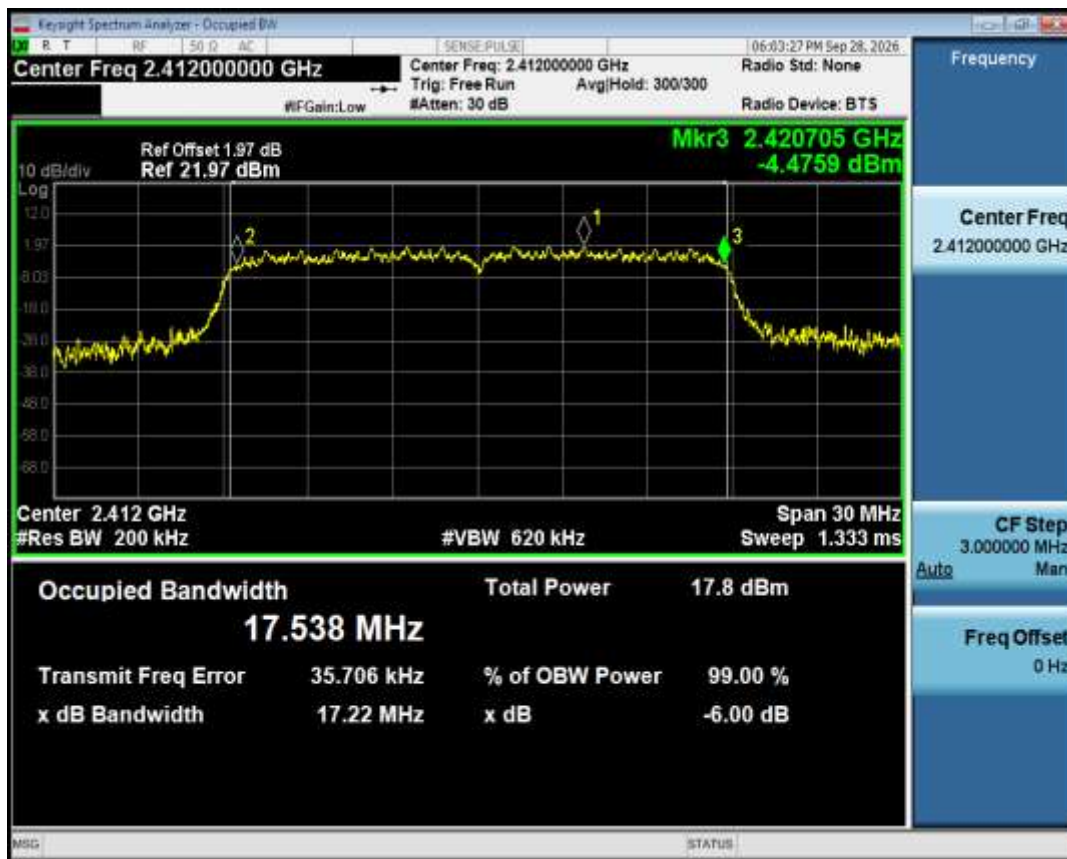
-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1



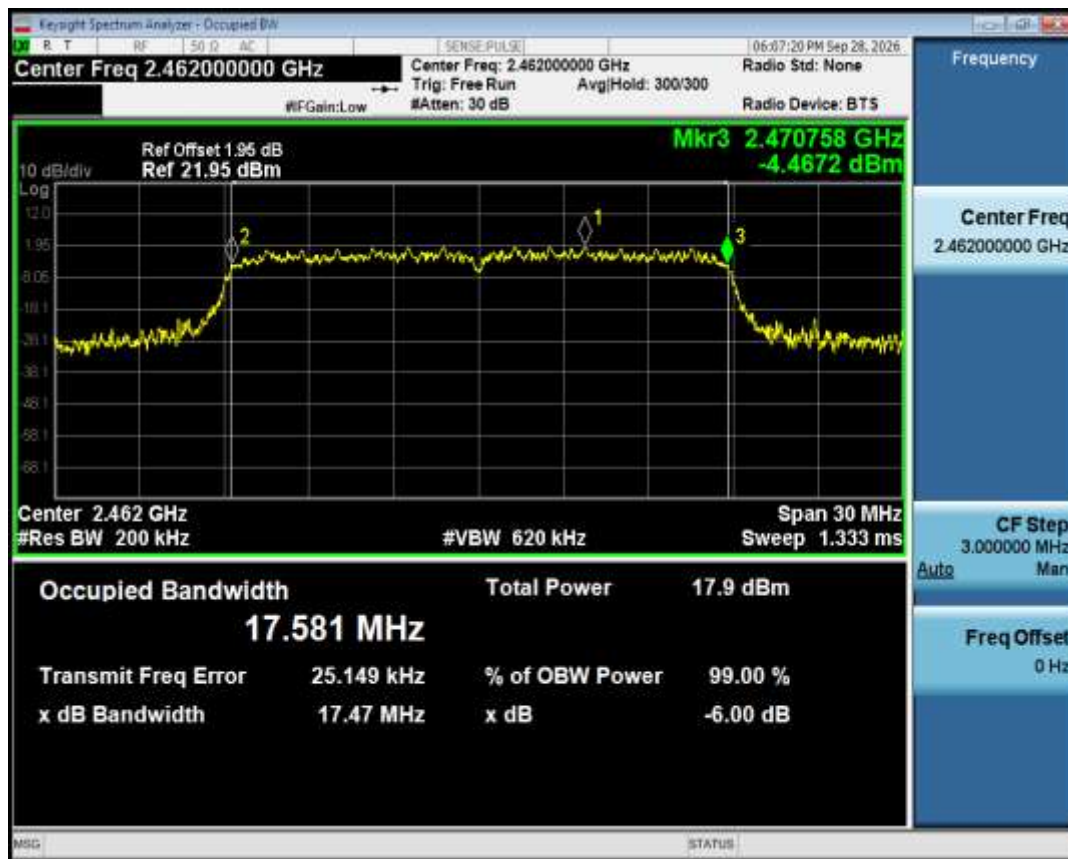
-6dB Bandwidth NVNT g 2462MHz Ant1



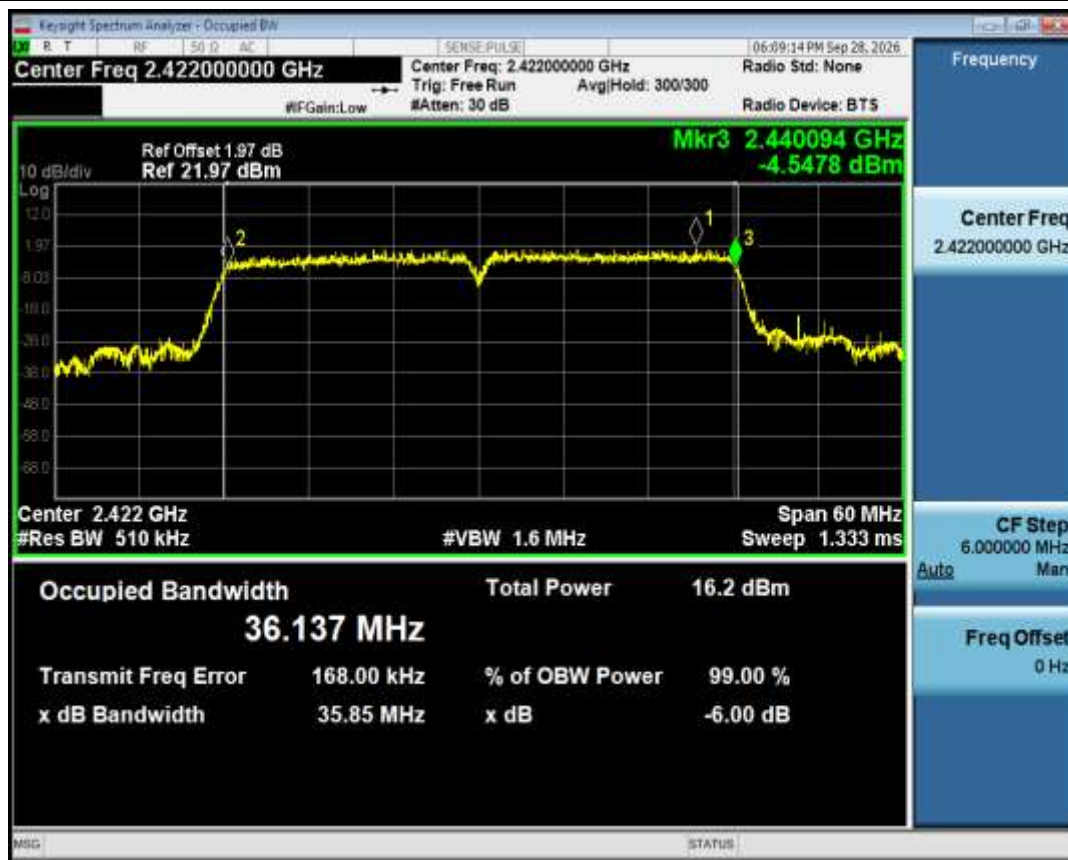
-6dB Bandwidth NVNT n20 2412MHz Ant1



-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	11.806
NVNT	b	2437	Ant1	11.8
NVNT	b	2462	Ant1	11.837
NVNT	g	2412	Ant1	16.567
NVNT	g	2437	Ant1	16.52
NVNT	g	2462	Ant1	16.617
NVNT	n20	2412	Ant1	17.592
NVNT	n20	2437	Ant1	17.546
NVNT	n20	2462	Ant1	17.644
NVNT	n40	2422	Ant1	36.161
NVNT	n40	2437	Ant1	36.022
NVNT	n40	2452	Ant1	36.155



OBW NVNT b 2412MHz Ant1



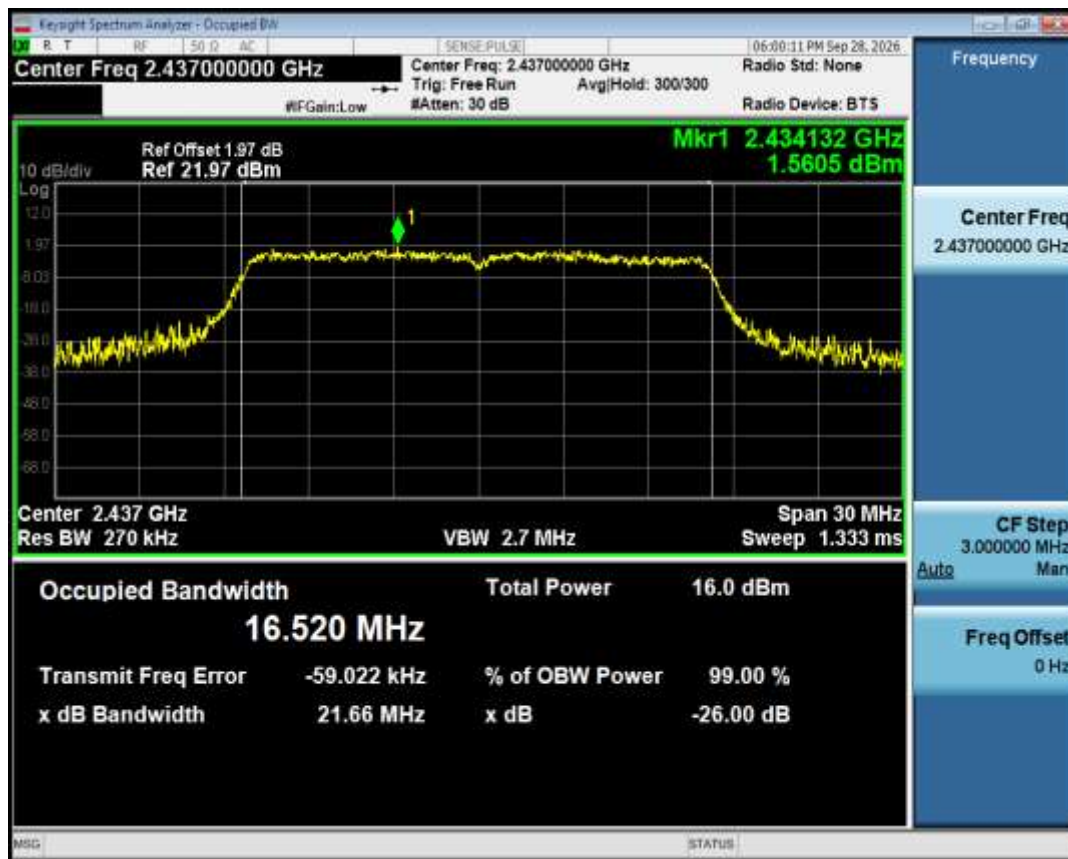
OBW NVNT b 2437MHz Ant1



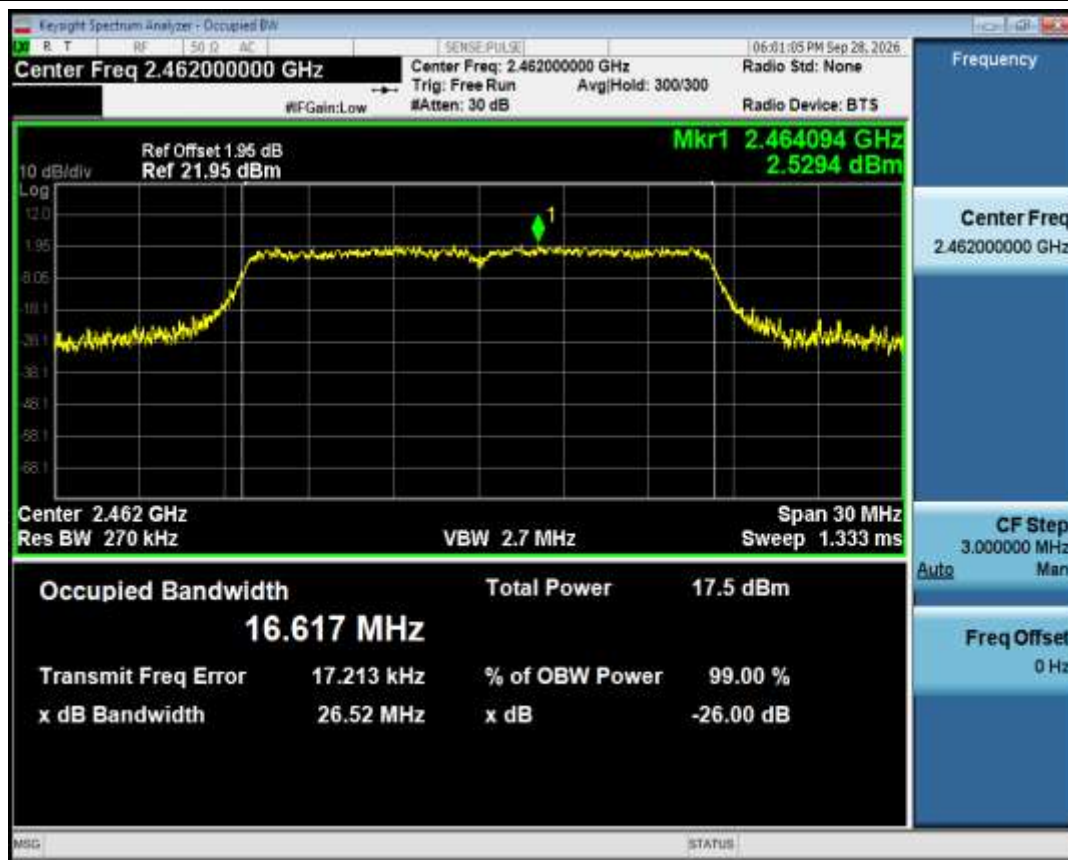
OBW NVNT b 2462MHz Ant1



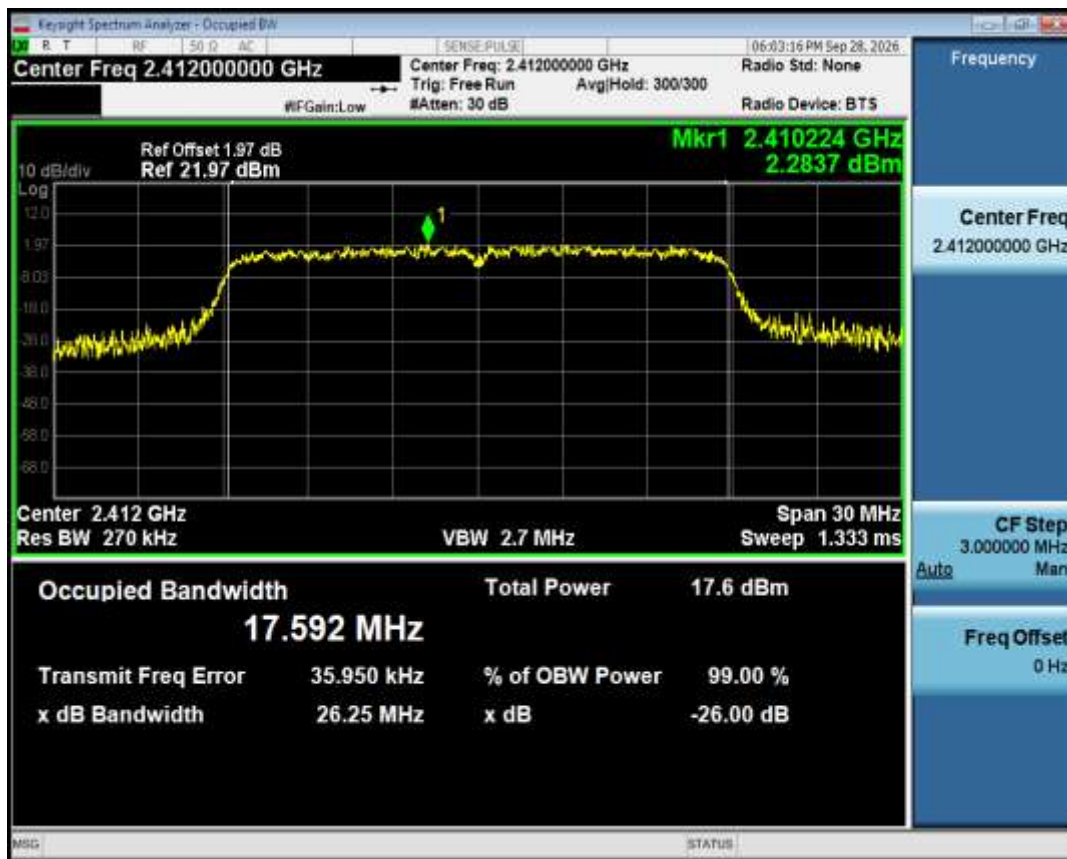
OBW NVNT g 2412MHz Ant1



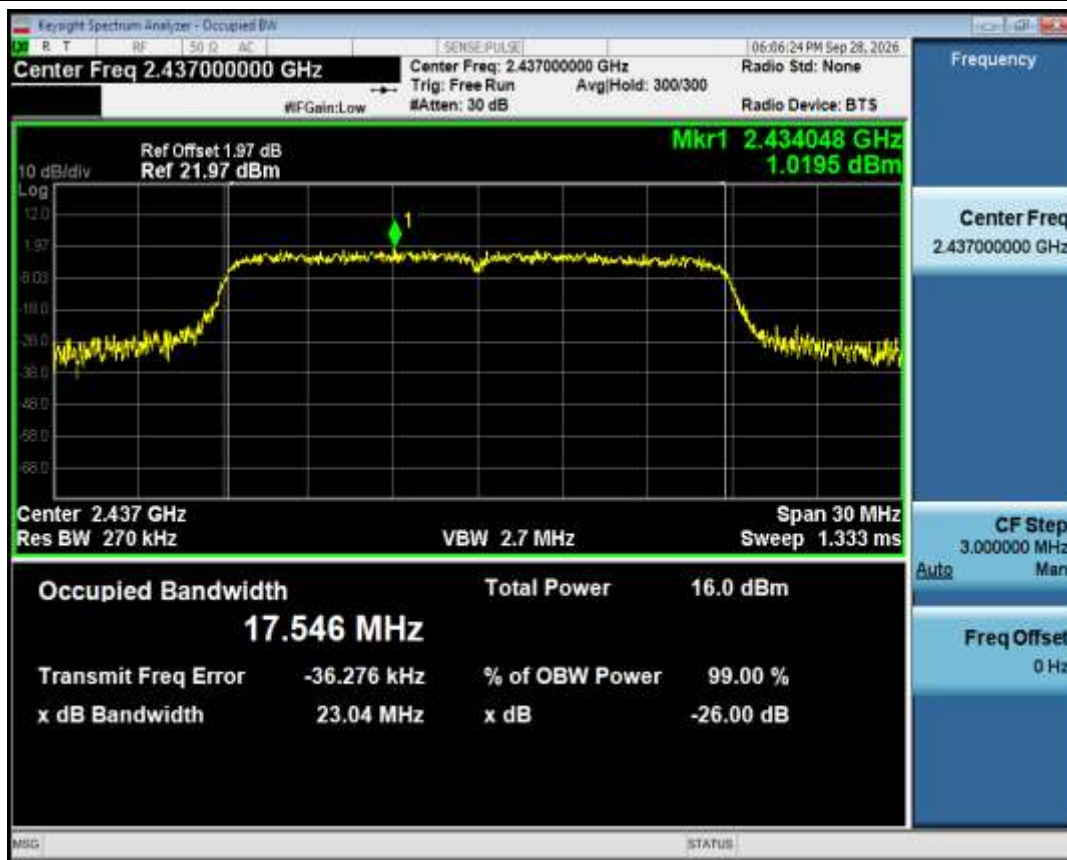
OBW NVNT g 2437MHz Ant1



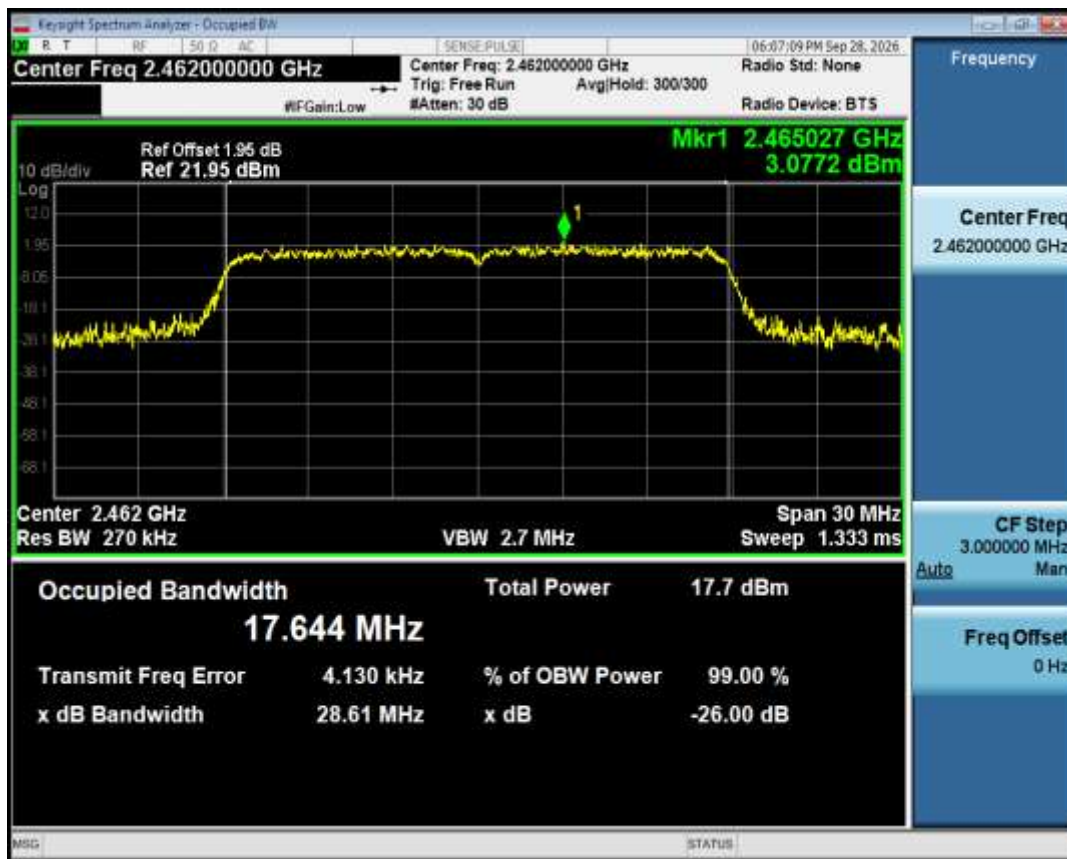
OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1



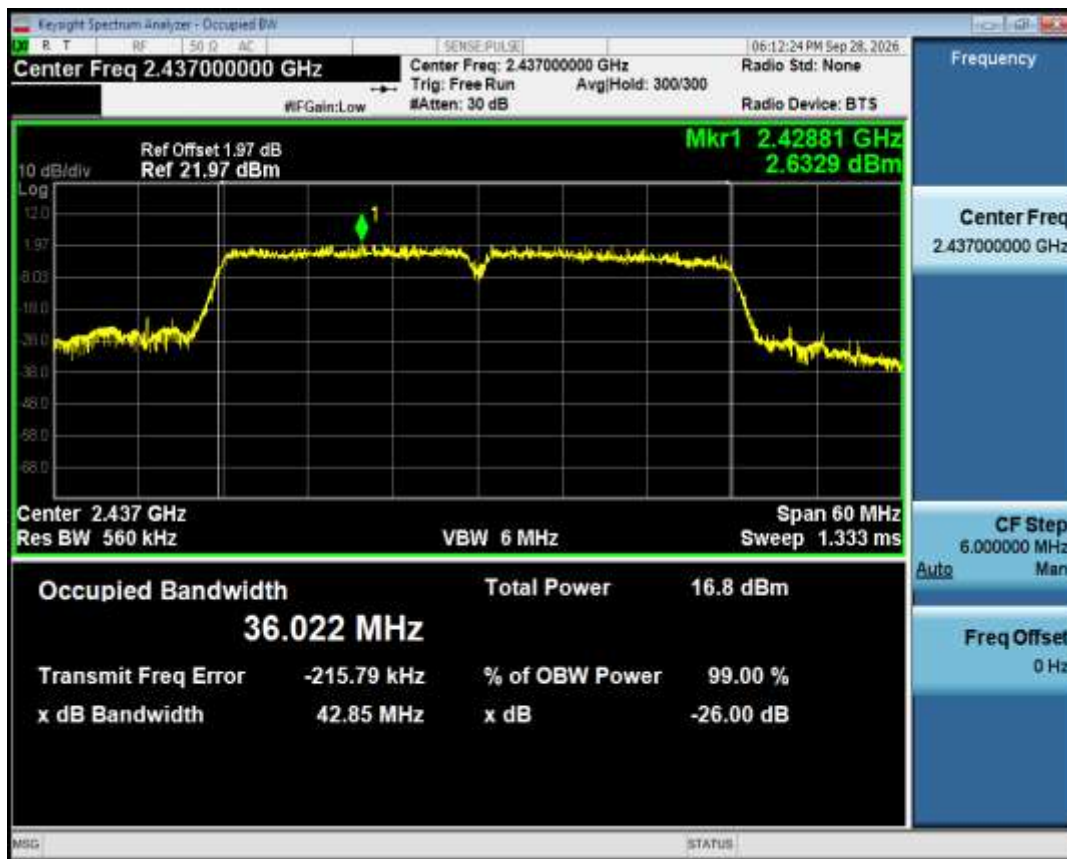
OBW NVNT n20 2437MHz Ant1



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	-10.34	0.56	-9.78	8	Pass
NVNT	b	2437	Ant1	-11.94	0.52	-11.42	8	Pass
NVNT	b	2462	Ant1	-10.76	0.52	-10.24	8	Pass
NVNT	g	2412	Ant1	-12.92	2.49	-10.43	8	Pass
NVNT	g	2437	Ant1	-14.43	2.49	-11.94	8	Pass
NVNT	g	2462	Ant1	-13.26	2.48	-10.78	8	Pass
NVNT	n20	2412	Ant1	-12.52	2.49	-10.03	8	Pass
NVNT	n20	2437	Ant1	-14.92	2.49	-12.43	8	Pass
NVNT	n20	2462	Ant1	-13.76	2.49	-11.27	8	Pass
NVNT	n40	2422	Ant1	-17.85	4.02	-13.83	8	Pass
NVNT	n40	2437	Ant1	-17.18	3.37	-13.81	8	Pass
NVNT	n40	2452	Ant1	-16.93	3.38	-13.55	8	Pass



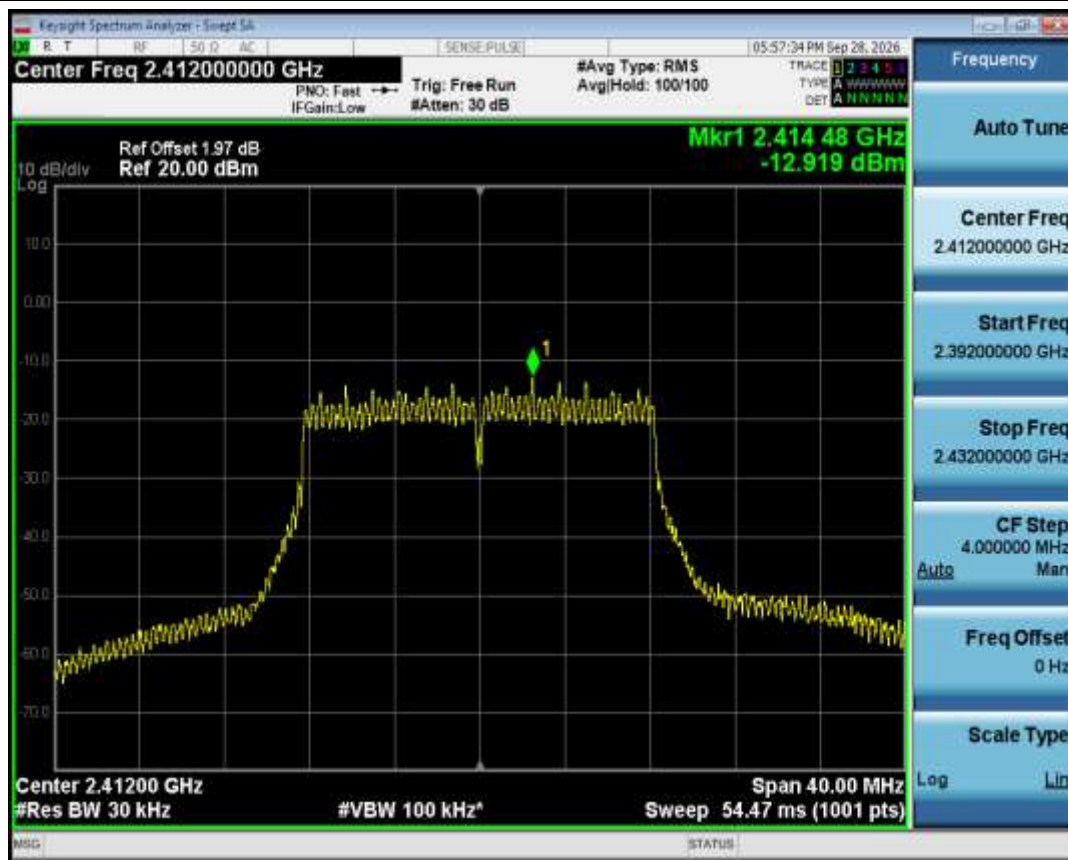
PSD NVNT b 2412MHz Ant1



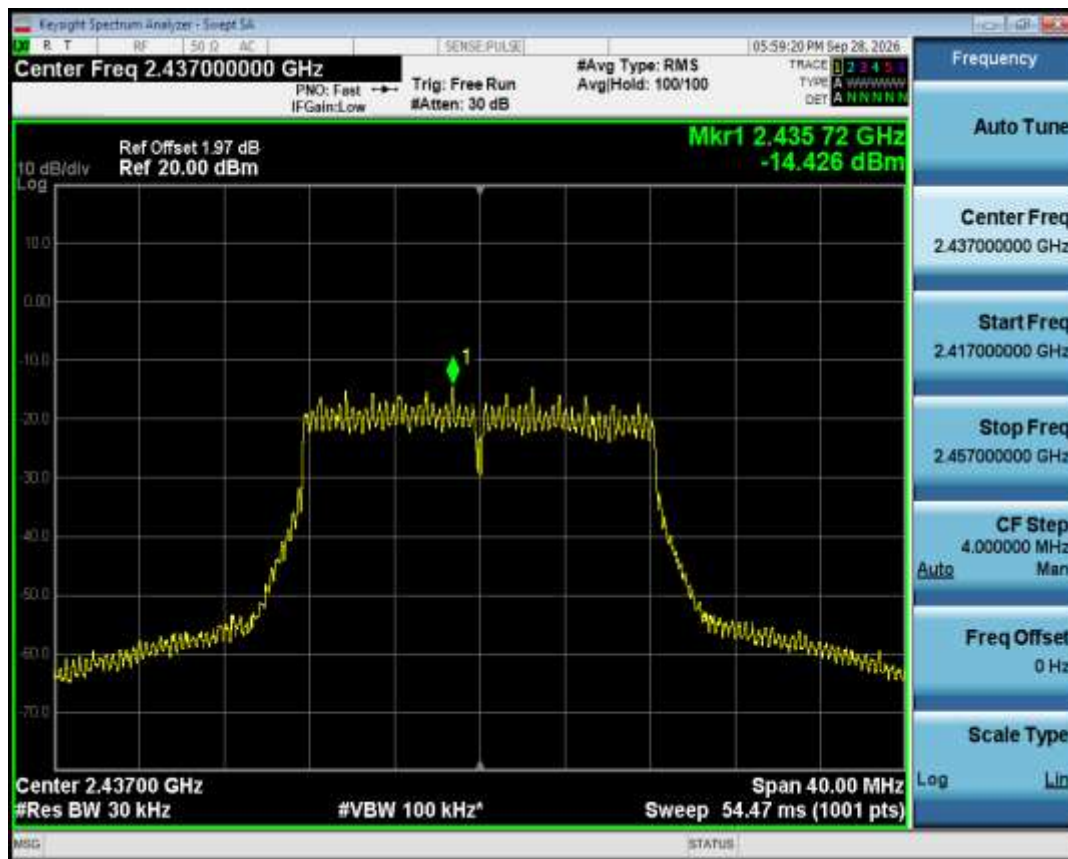
PSD NVNT b 2437MHz Ant1



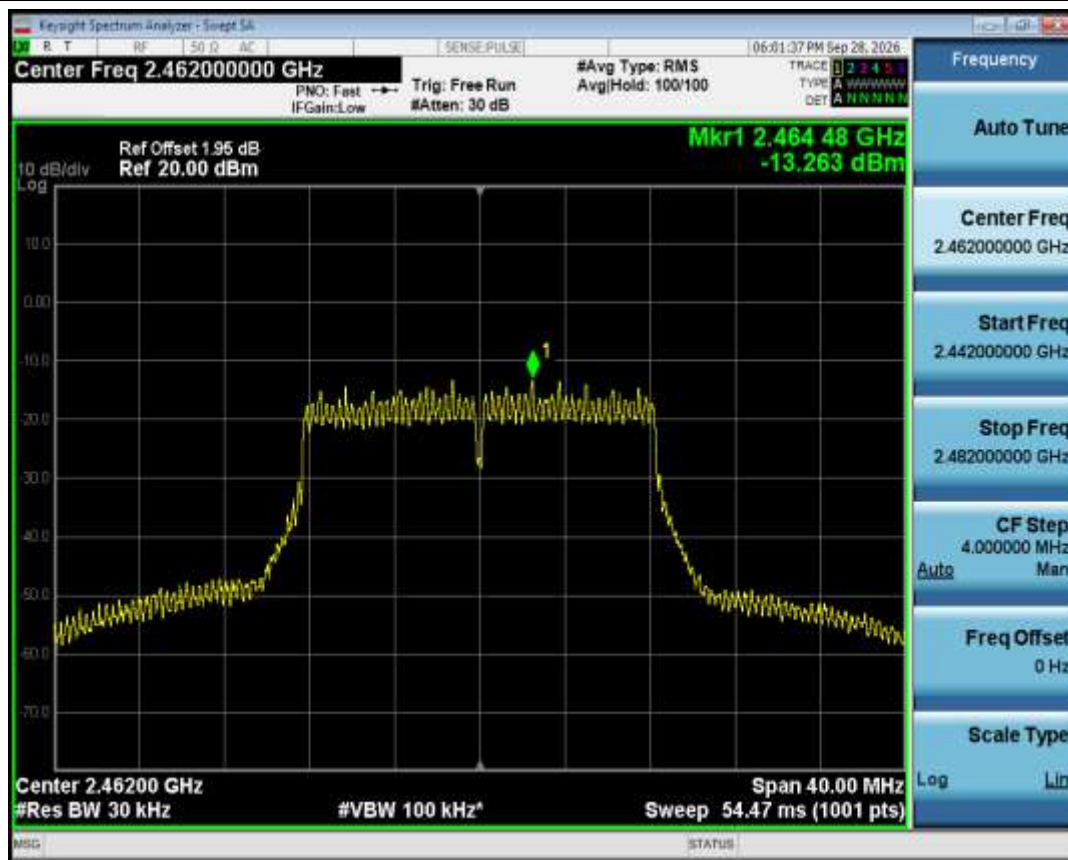
PSD NVNT b 2462MHz Ant1



PSD NVNT g 2412MHz Ant1



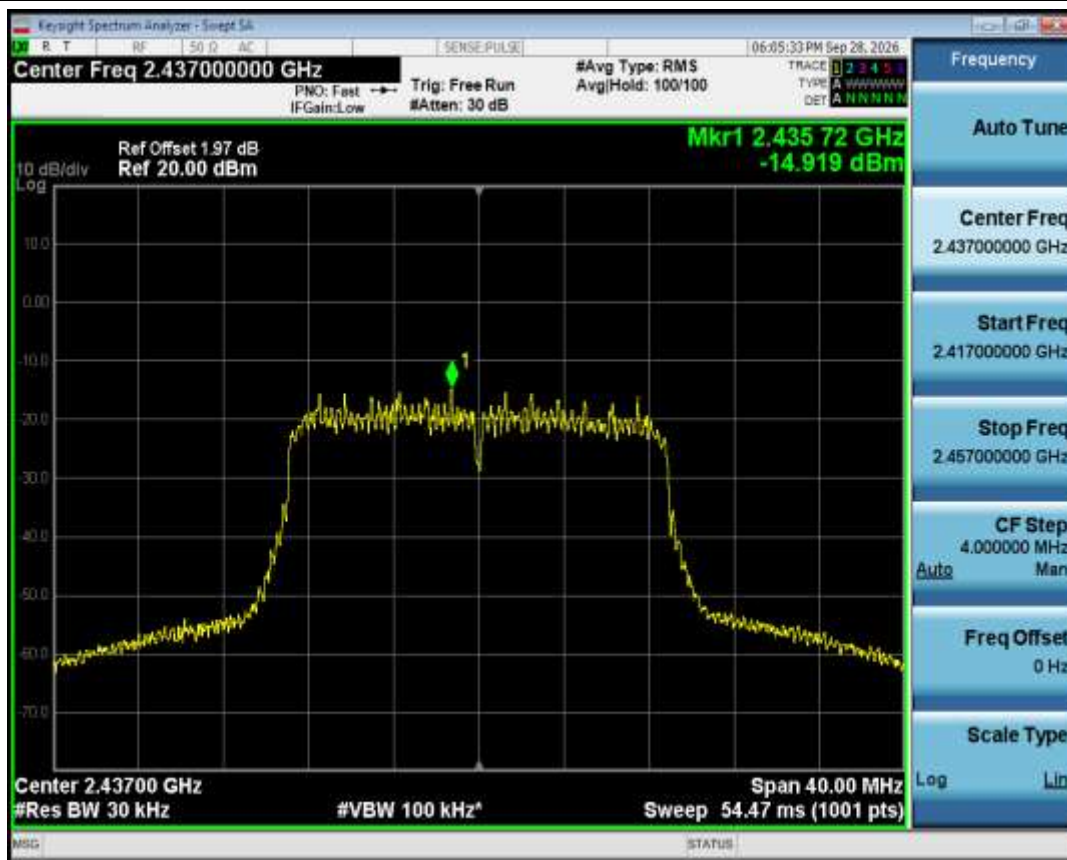
PSD NVNT g 2437MHz Ant1



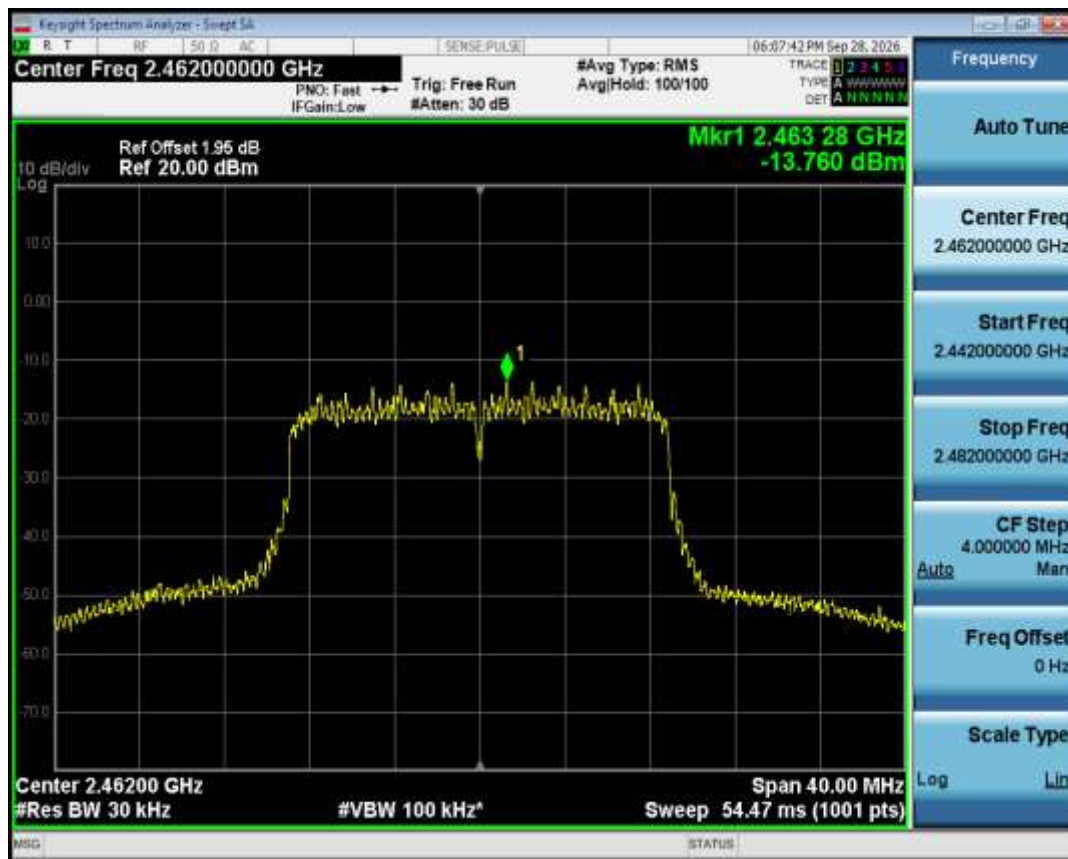
PSD NVNT g 2462MHz Ant1



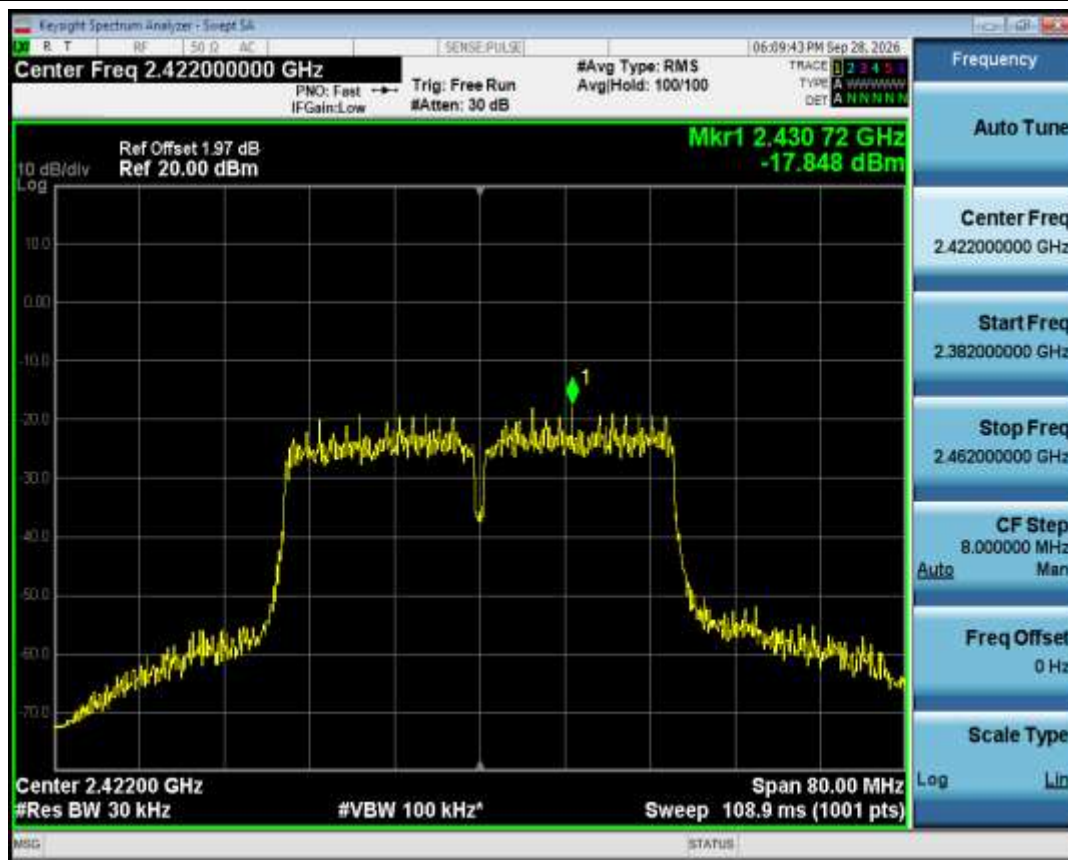
PSD NVNT n20 2412MHz Ant1



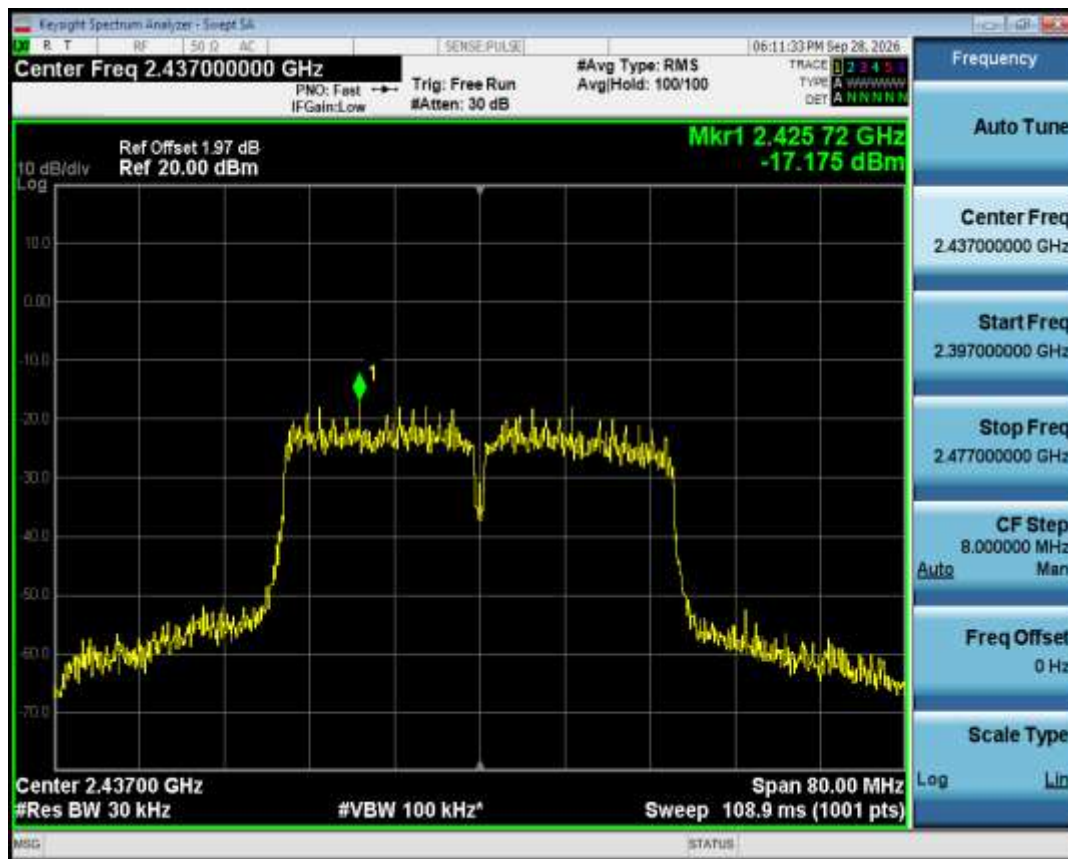
PSD NVNT n20 2437MHz Ant1



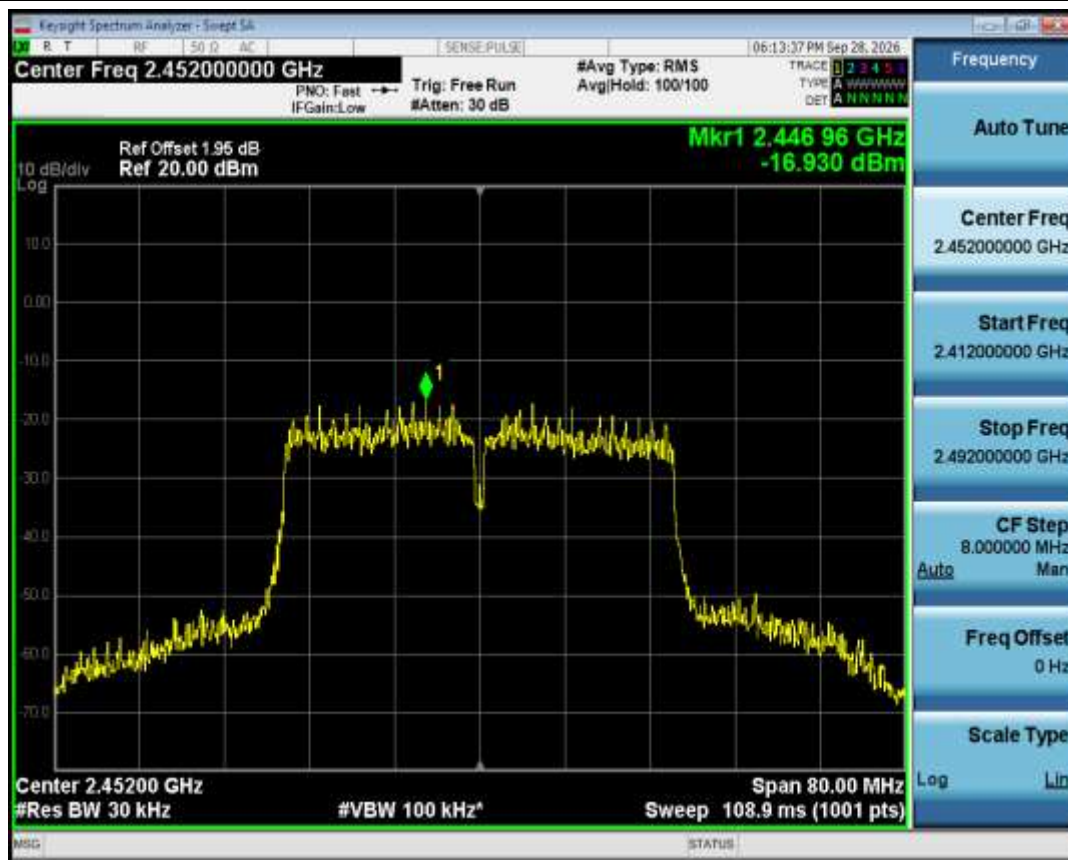
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



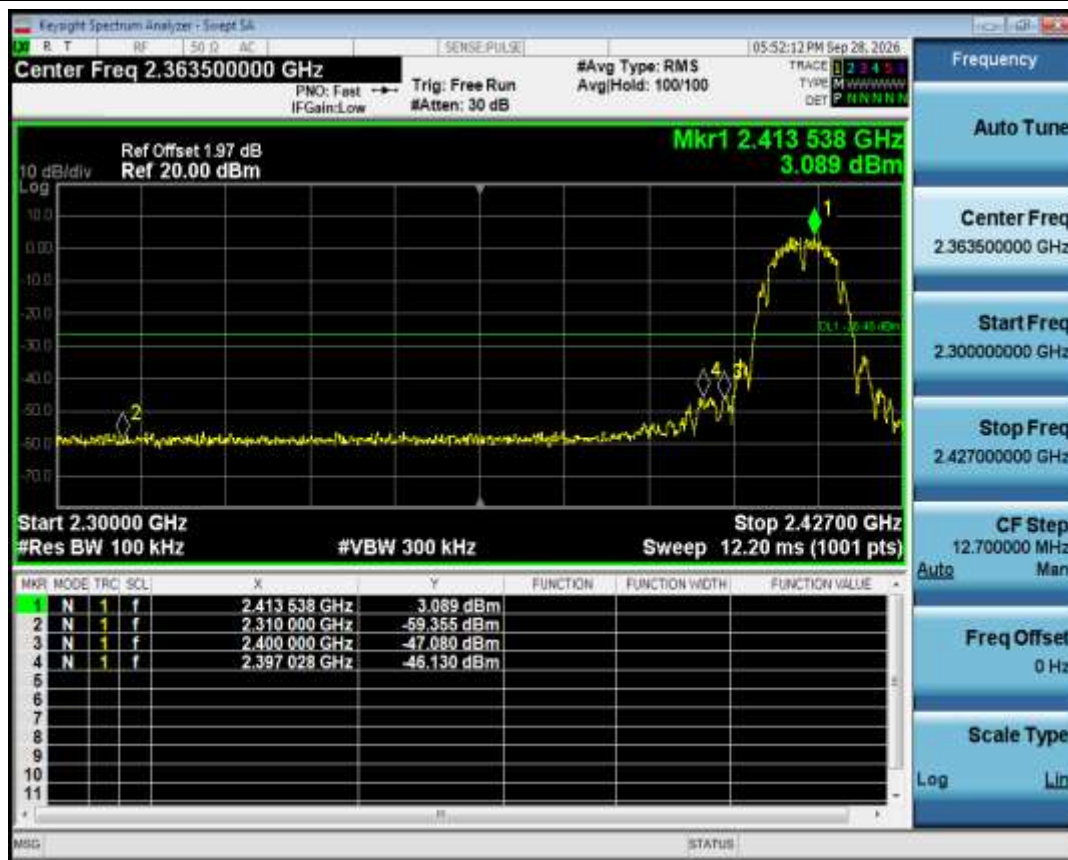
PSD NVNT n40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.64	-30	Pass
NVNT	b	2462	Ant1	-55.21	-30	Pass
NVNT	g	2412	Ant1	-30.71	-30	Pass
NVNT	g	2462	Ant1	-39.31	-30	Pass
NVNT	n20	2412	Ant1	-31.52	-30	Pass
NVNT	n20	2462	Ant1	-37.73	-30	Pass
NVNT	n40	2422	Ant1	-34.4	-30	Pass
NVNT	n40	2452	Ant1	-35.02	-30	Pass



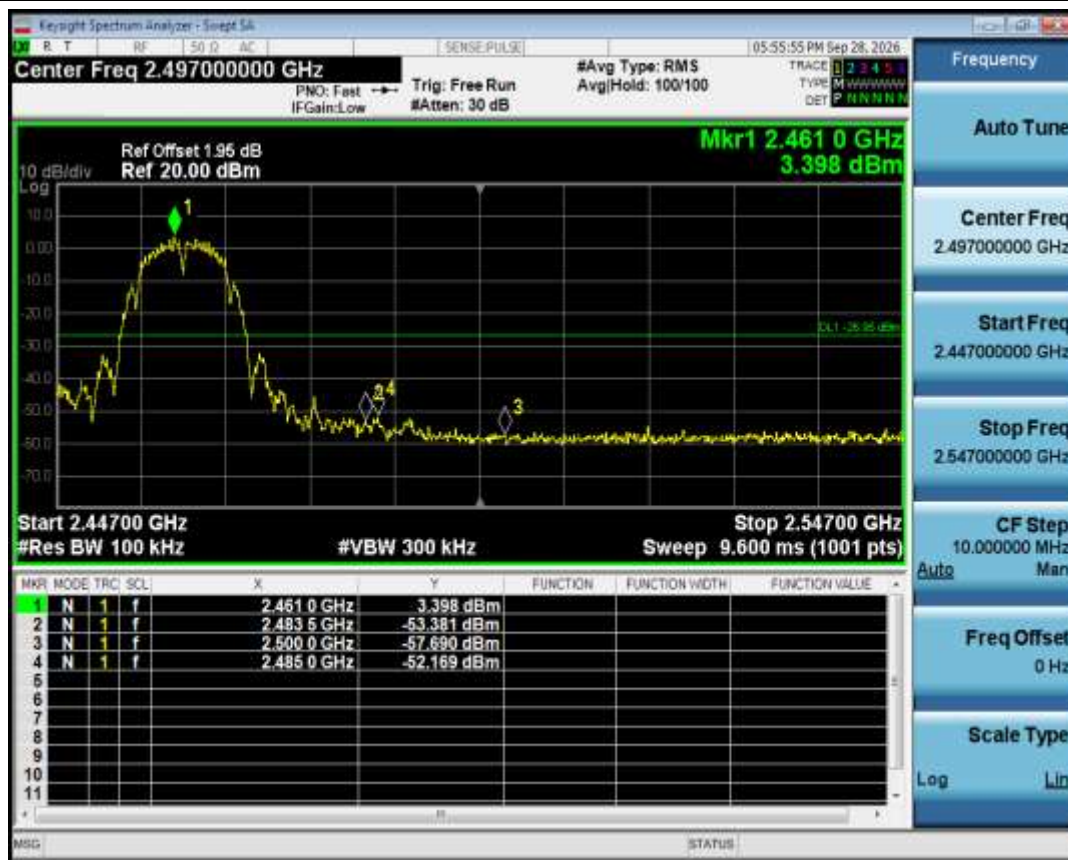
Band Edge NVNT b 2412MHz Ant1 Ref



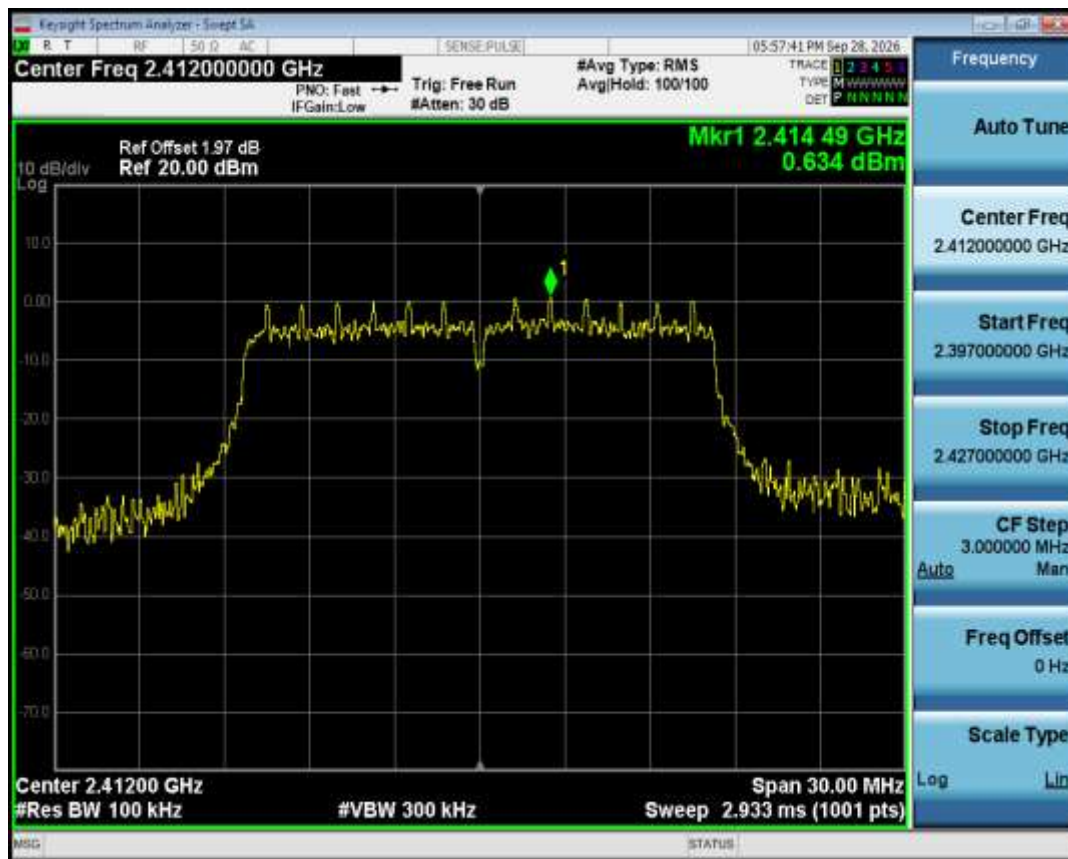
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



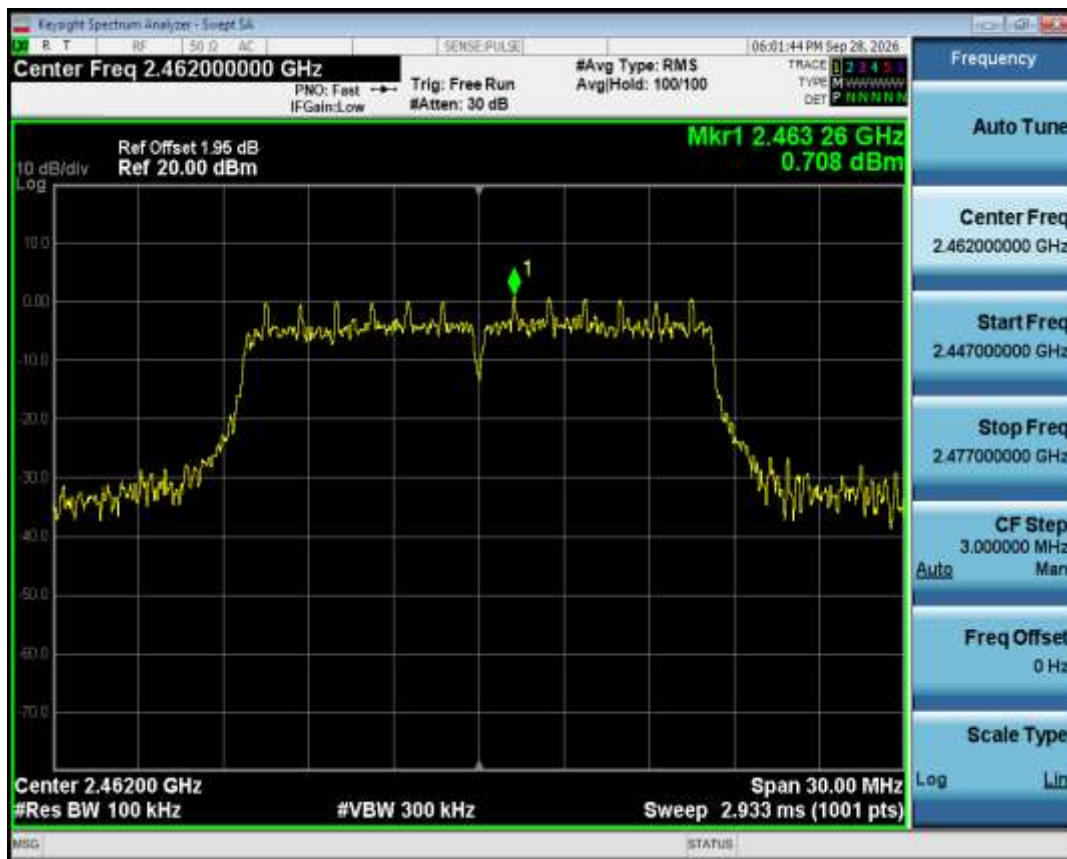
Band Edge NVNT b 2462MHz Ant1 Emission



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



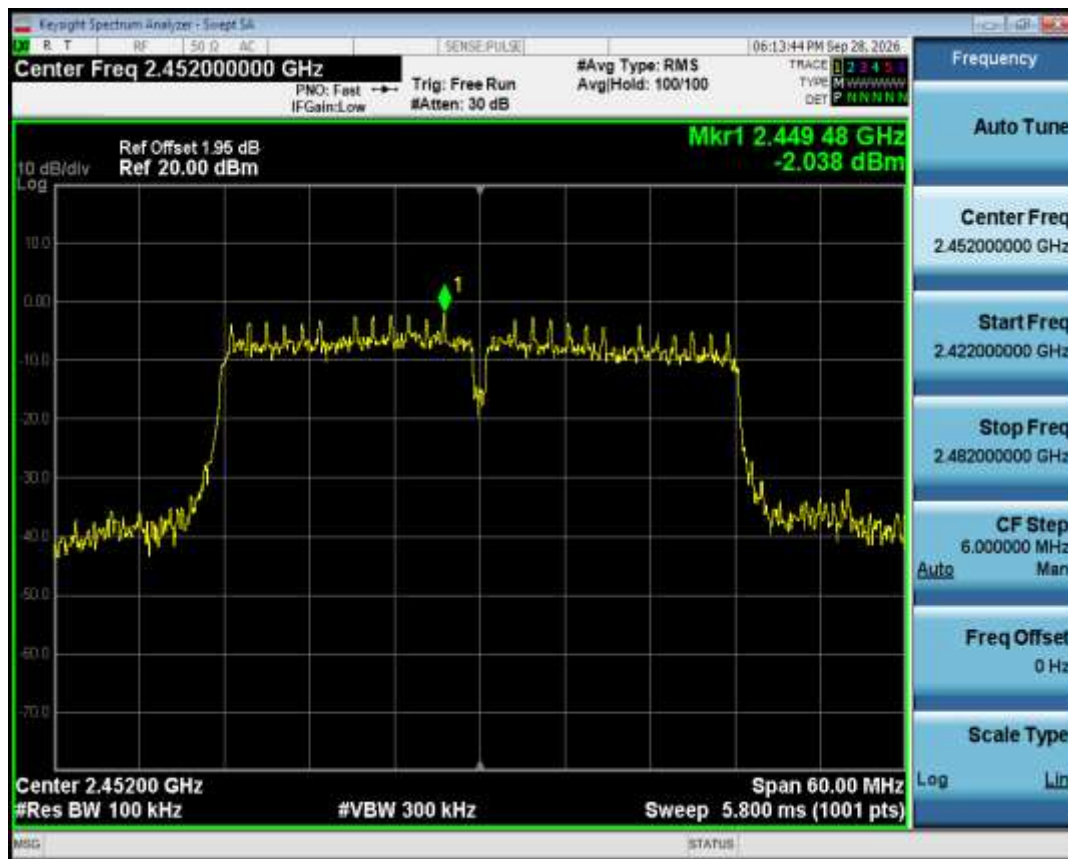
Band Edge NVNT n20 2462MHz Ant1 Emission



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	-49.16	-30	Pass
NVNT	b	2437	Ant1	-47.53	-30	Pass
NVNT	b	2462	Ant1	-48.64	-30	Pass
NVNT	g	2412	Ant1	-46.41	-30	Pass
NVNT	g	2437	Ant1	-44.12	-30	Pass
NVNT	g	2462	Ant1	-46.92	-30	Pass
NVNT	n20	2412	Ant1	-47.07	-30	Pass
NVNT	n20	2437	Ant1	-44.63	-30	Pass
NVNT	n20	2462	Ant1	-46.75	-30	Pass
NVNT	n40	2422	Ant1	-42.24	-30	Pass
NVNT	n40	2437	Ant1	-42.69	-30	Pass
NVNT	n40	2452	Ant1	-43.93	-30	Pass



Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref



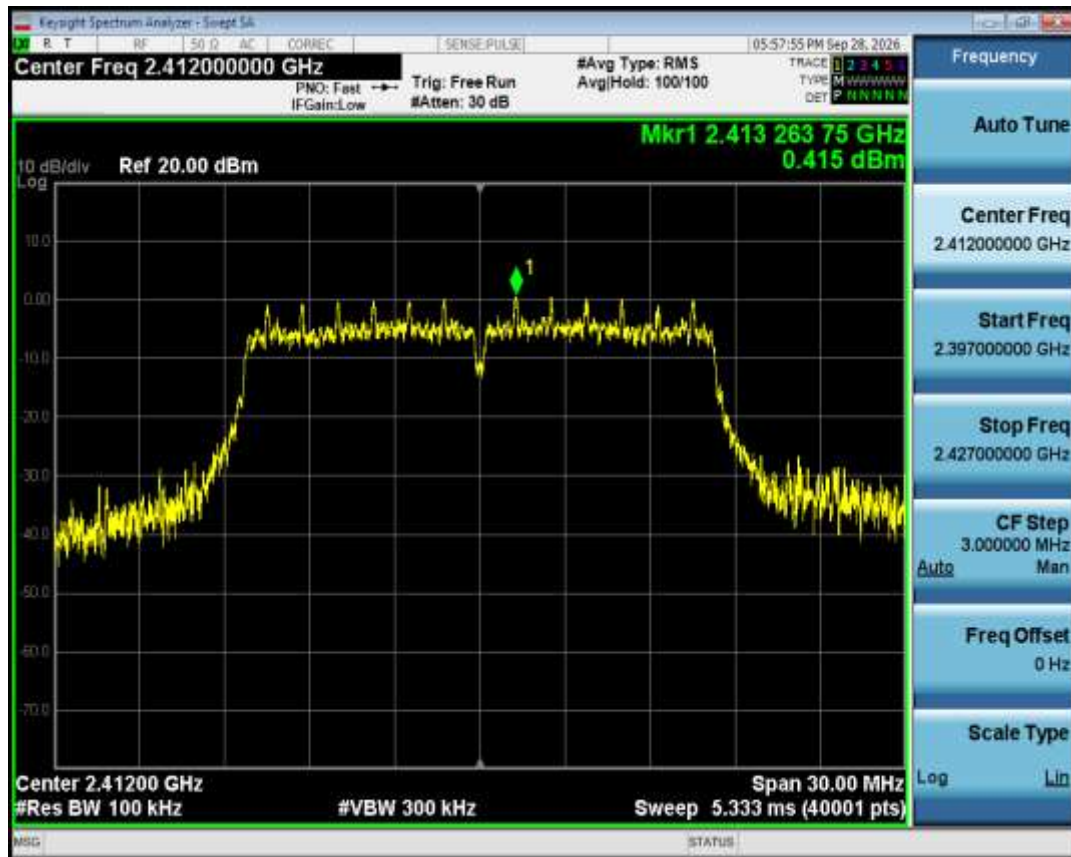
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



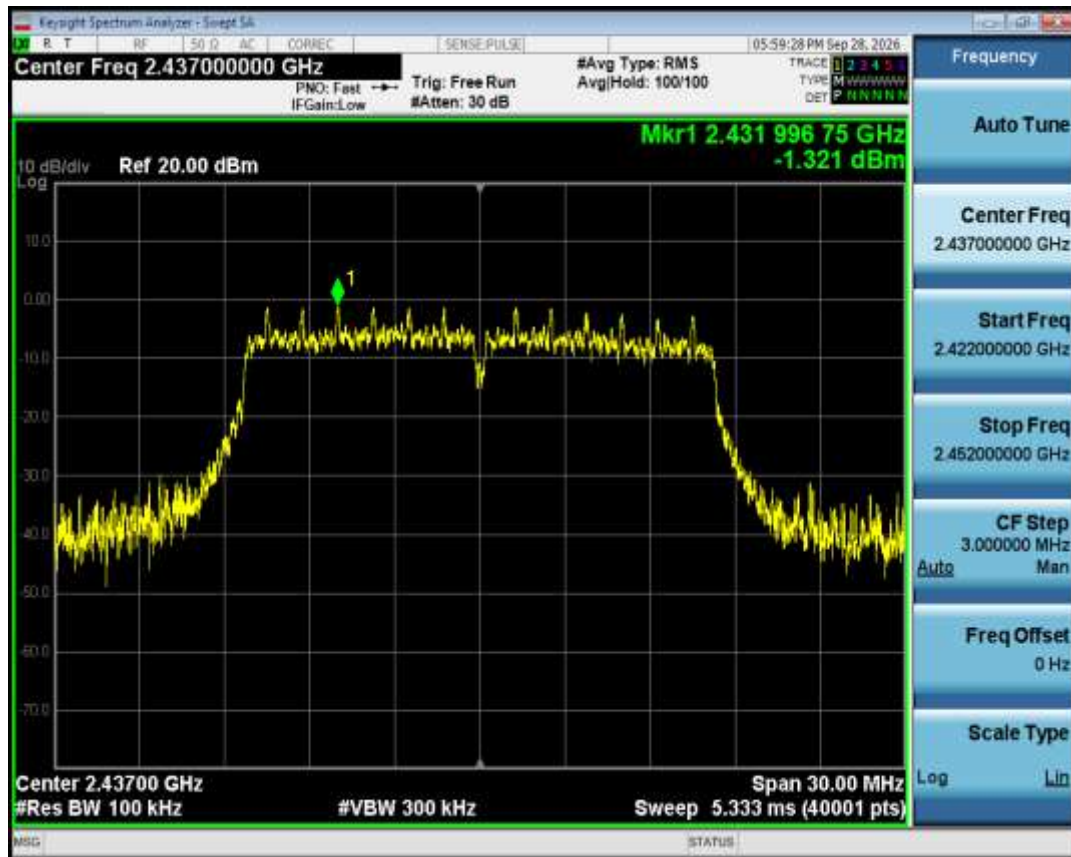
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



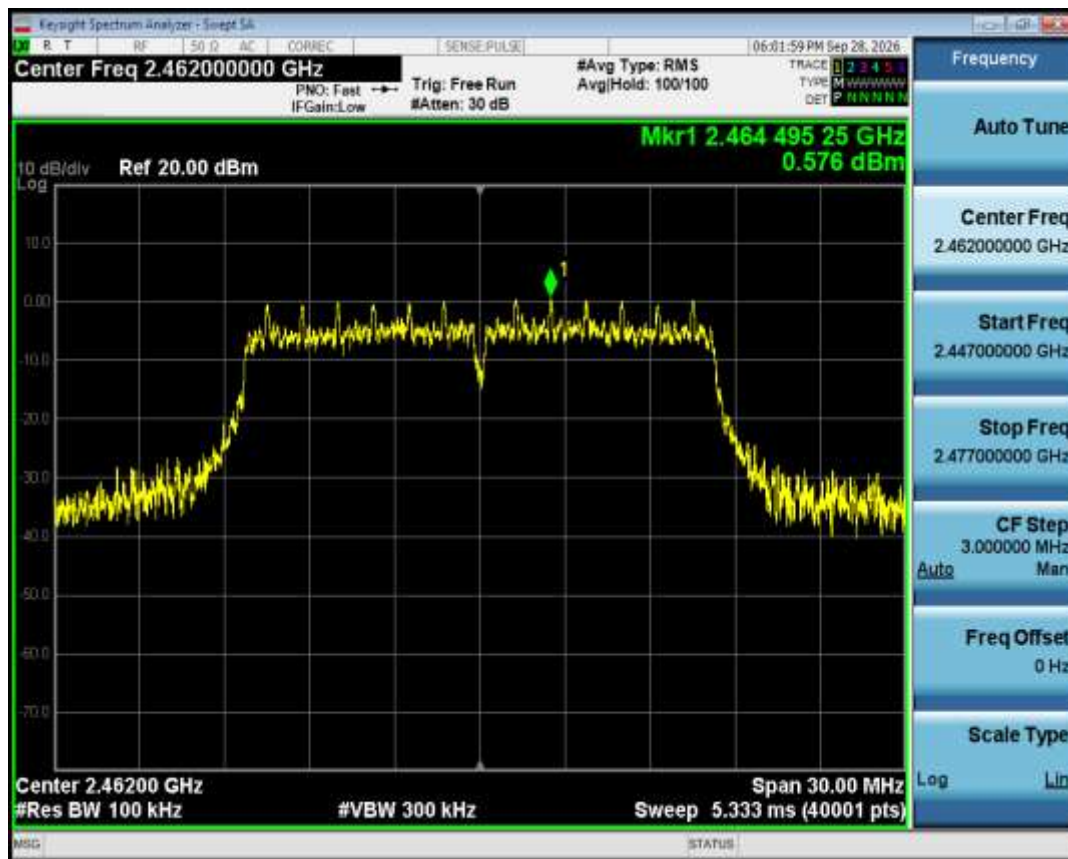
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2437MHz Ant1 Ref



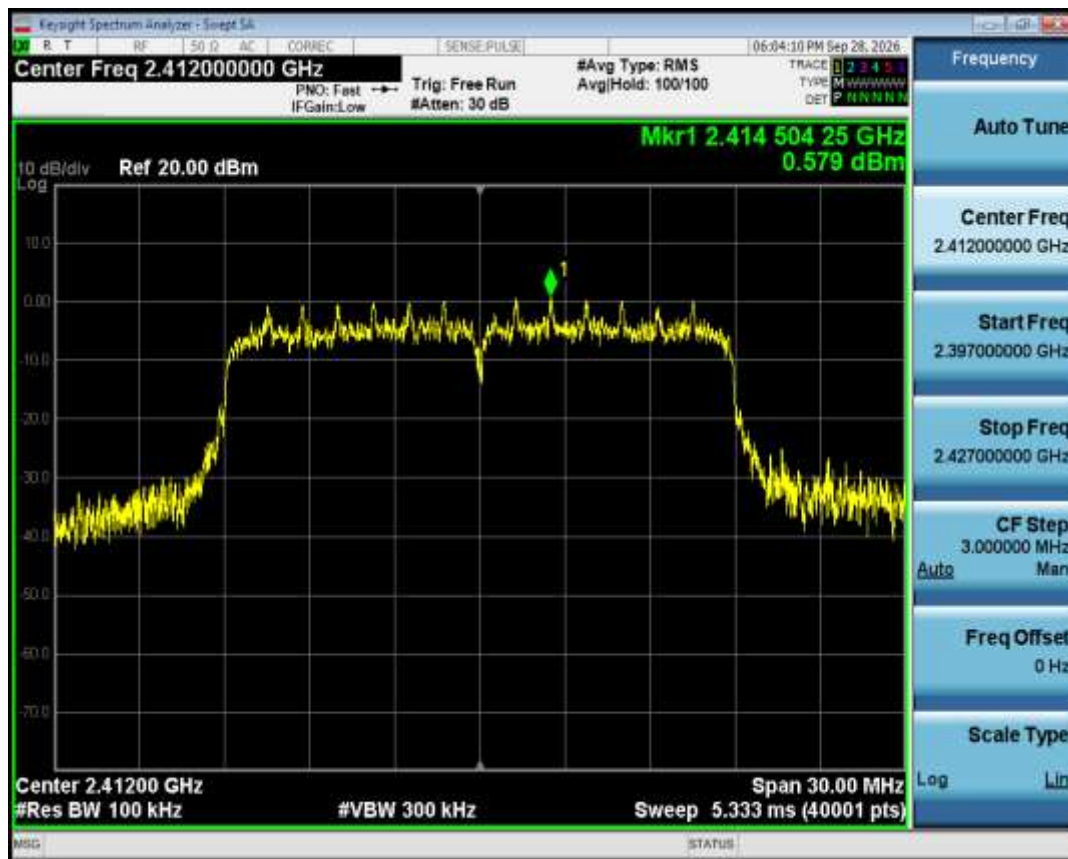
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



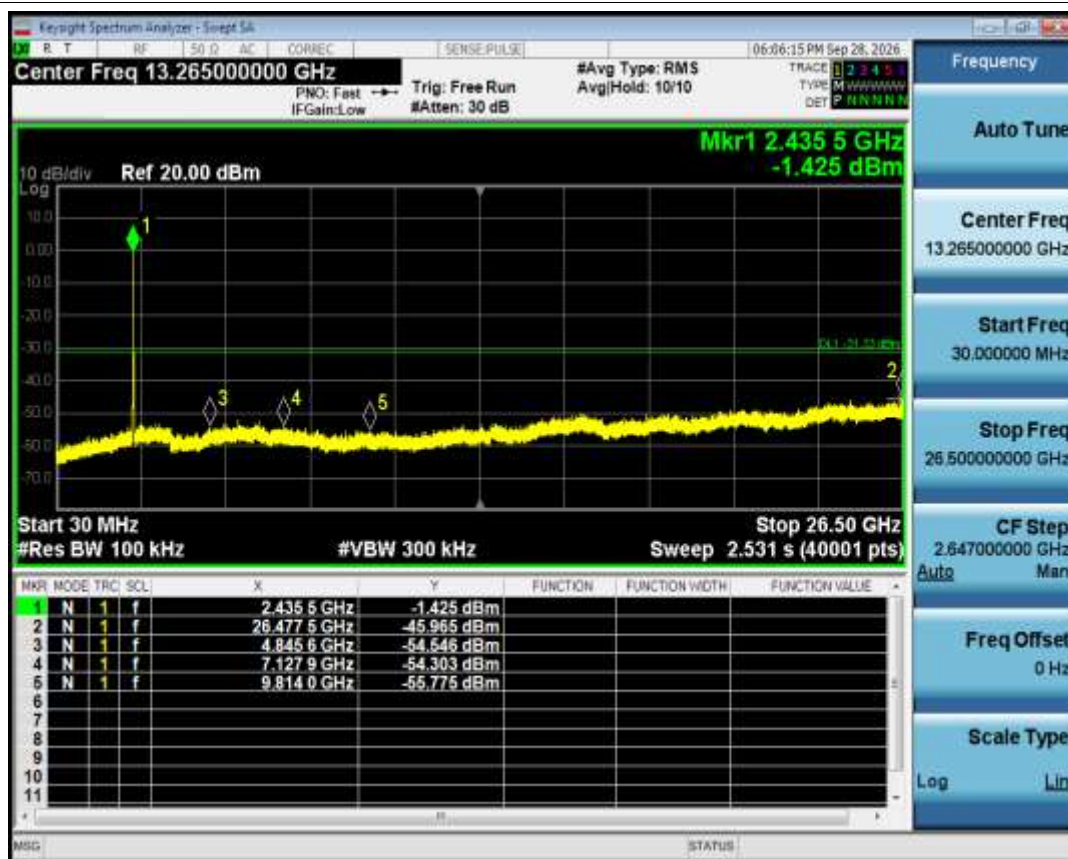
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



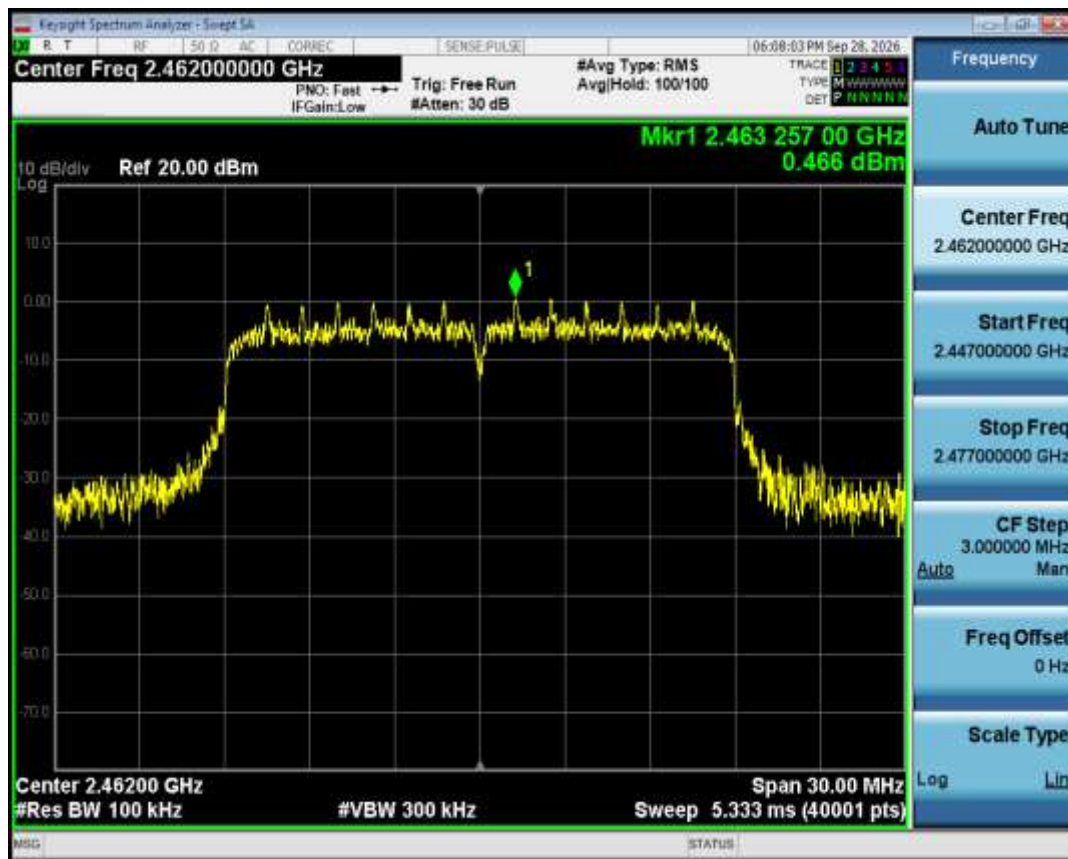
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref



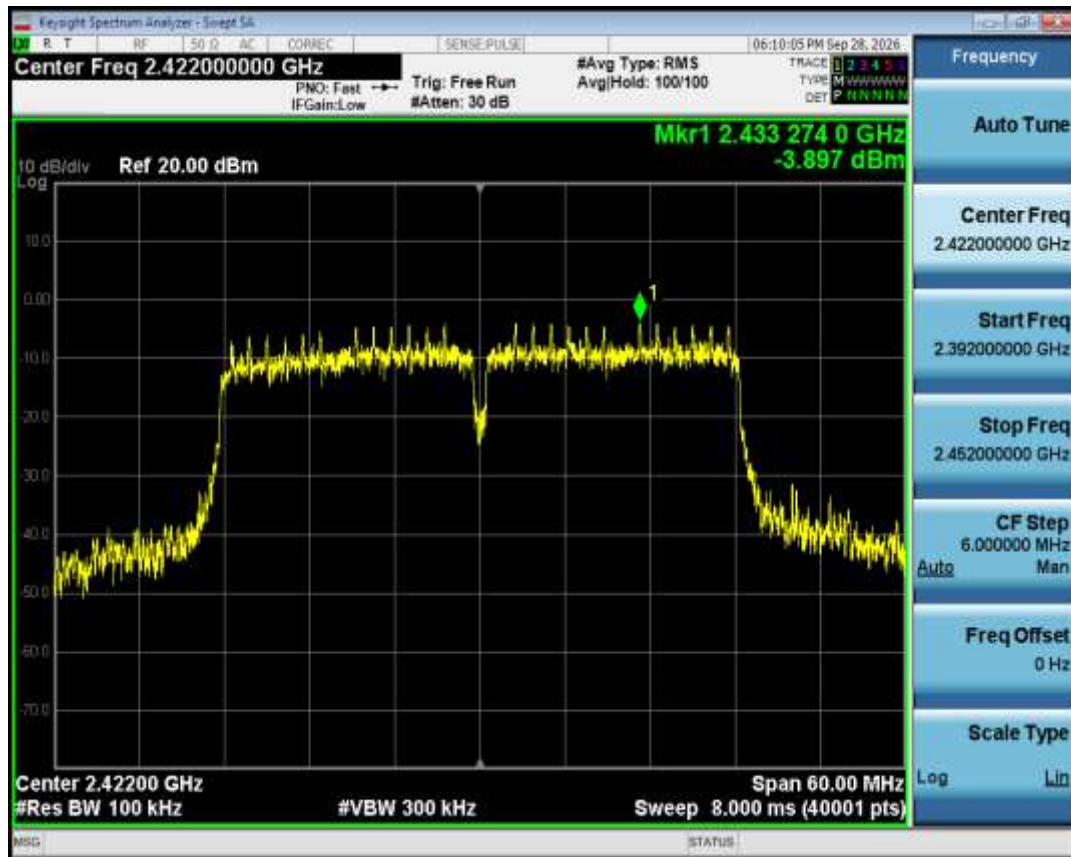
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



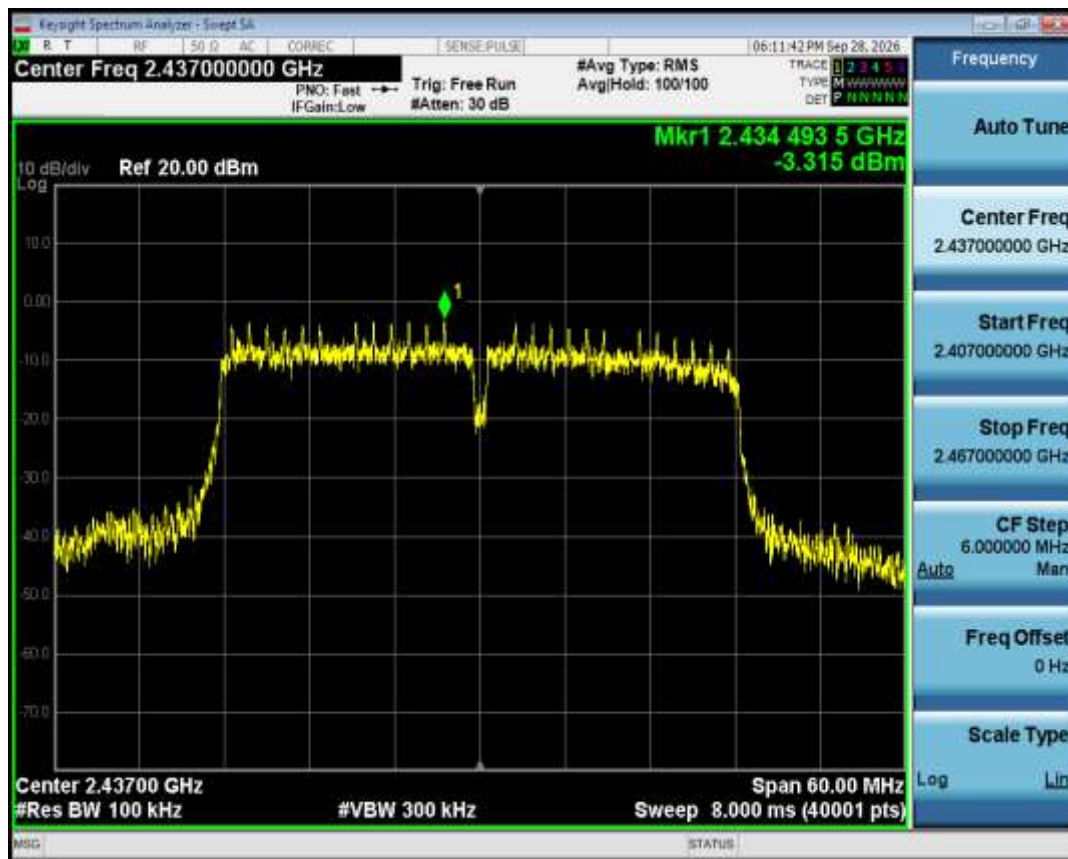
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



Tx. Spurious NVNT n40 2422MHz Ant1 Ref



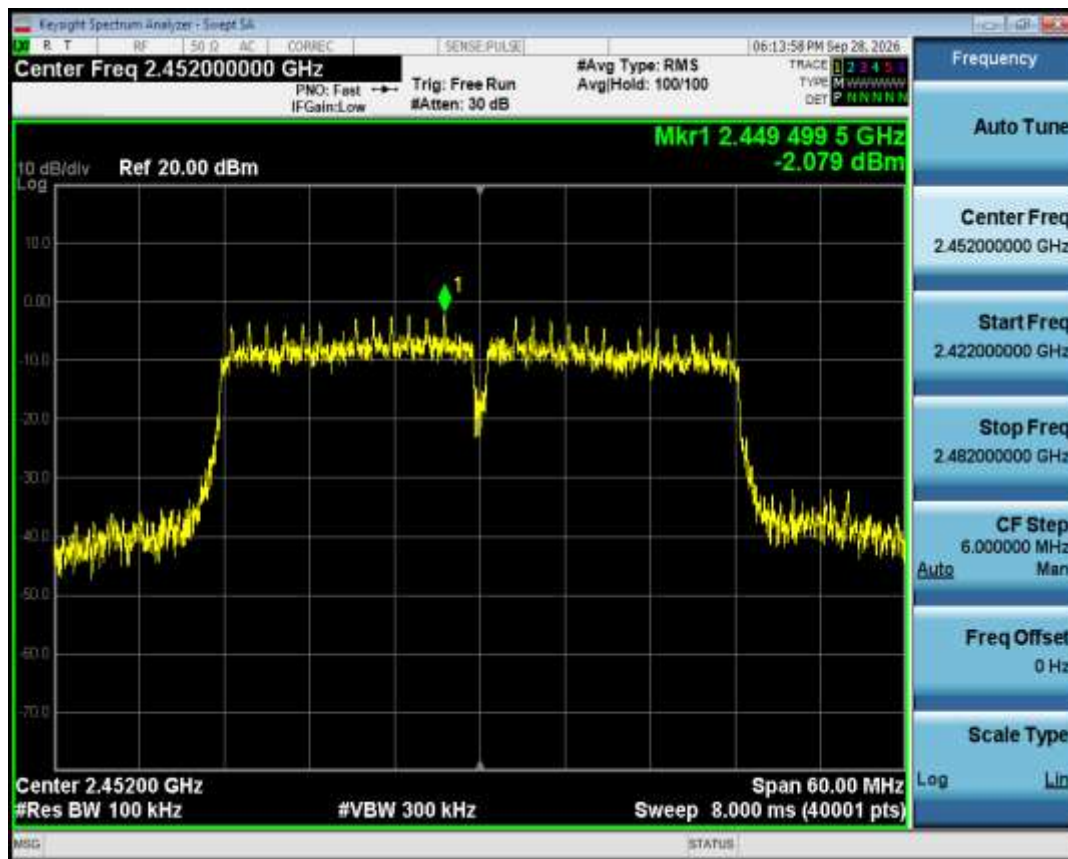
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



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