

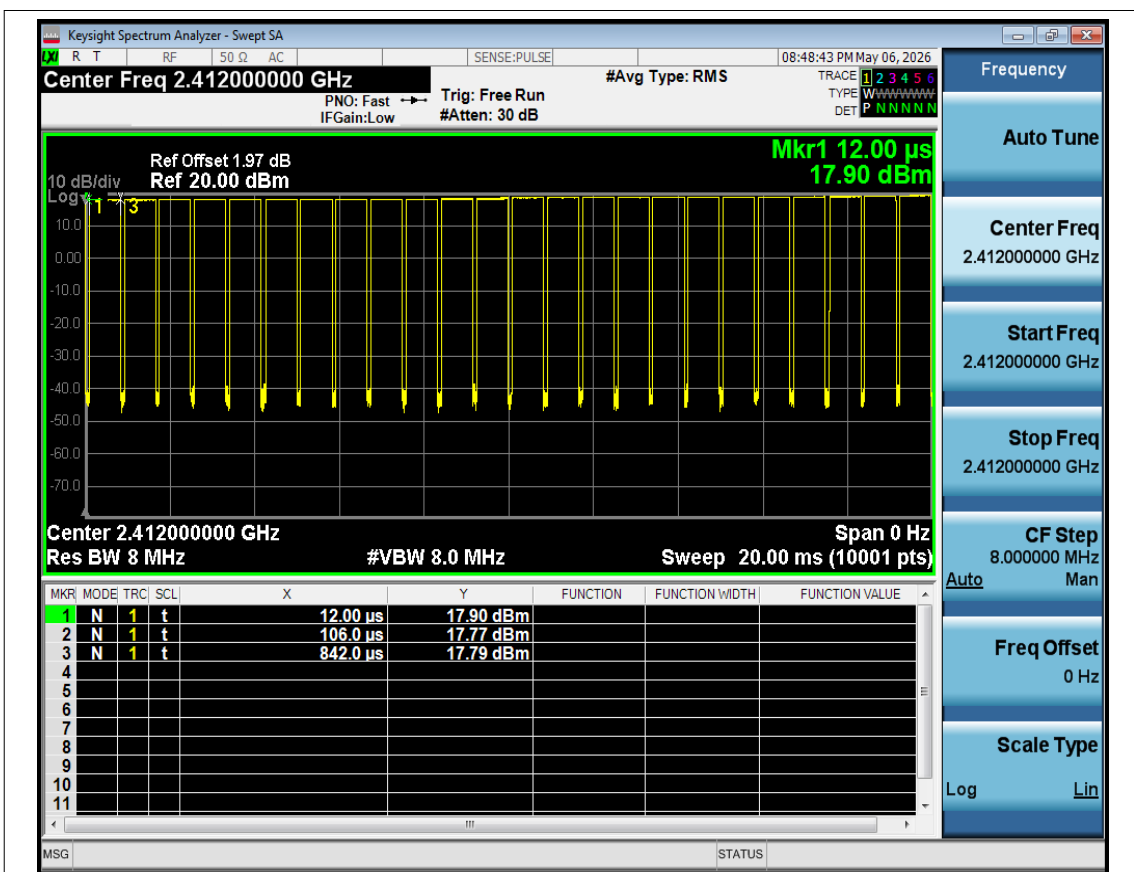
RF Test Data

FCC ID:2ASCB-DH03214G

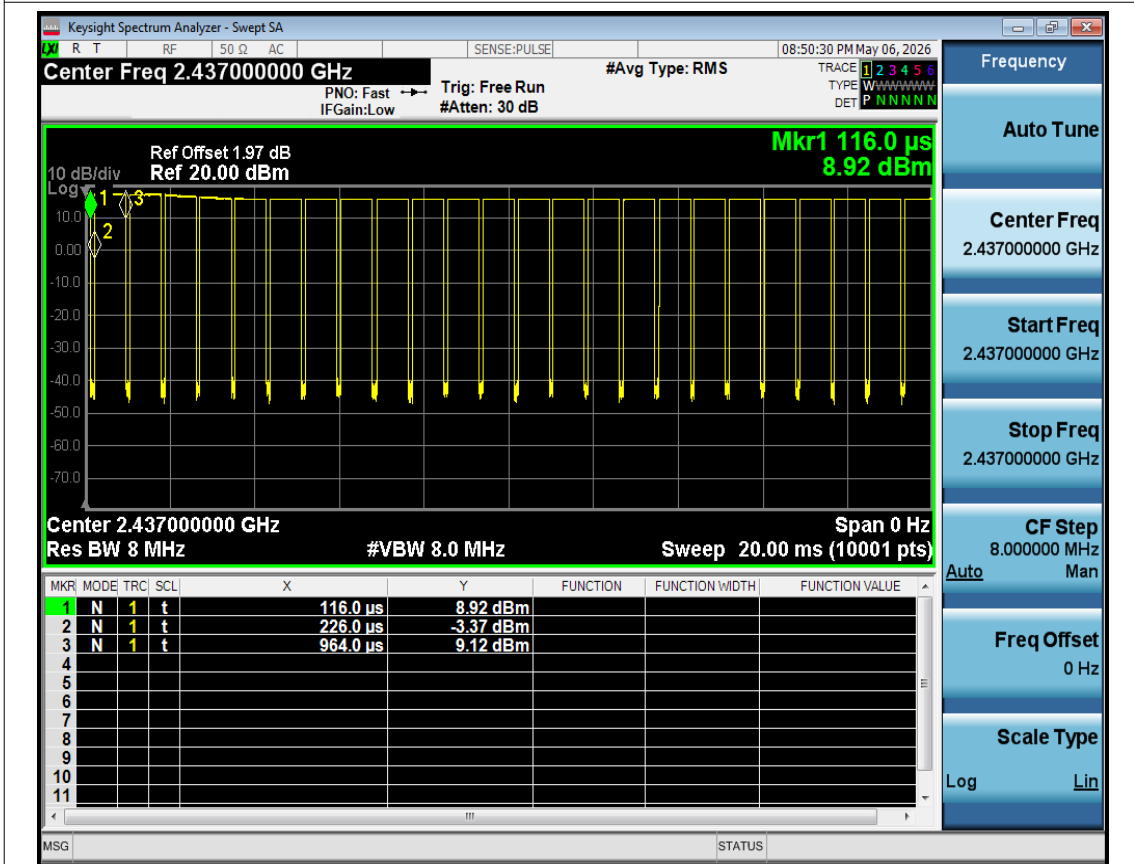
Duty Cycle	2
Maximum Average Conducted Output Power	12
-6dB Bandwidth	22
Occupied Channel Bandwidth	32
Maximum Power Spectral Density Level	42
Band Edge	52
Conducted RF Spurious Emission	65

Duty Cycle

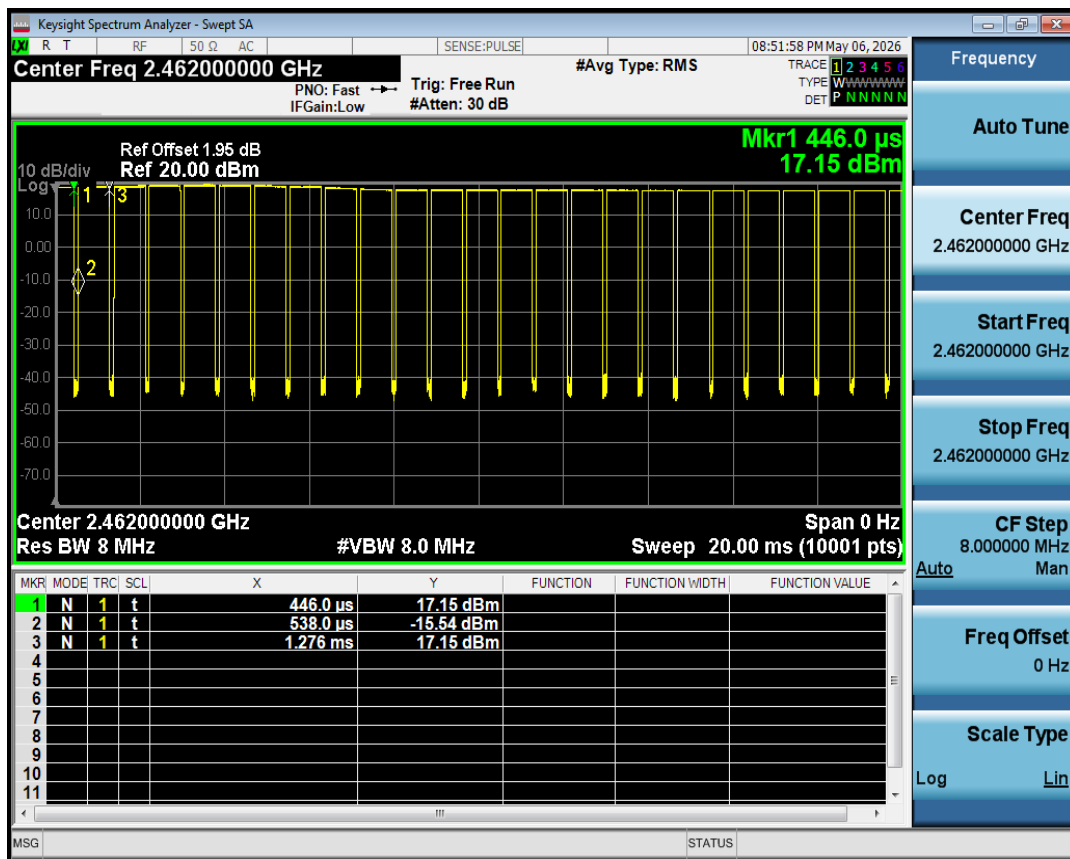
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	88.67	0.52	1.36
NVNT	b	2437	Ant1	87.03	0.6	1.36
NVNT	b	2462	Ant1	88.92	0.51	1.36
NVNT	g	2412	Ant1	56.31	2.49	8.62
NVNT	g	2437	Ant1	56.31	2.49	8.62
NVNT	g	2462	Ant1	56.31	2.49	8.62
NVNT	n20	2412	Ant1	56.86	2.45	8.62
NVNT	n20	2437	Ant1	56.31	2.49	8.62
NVNT	n20	2462	Ant1	56.31	2.49	8.62
NVNT	n40	2422	Ant1	45.78	3.39	13.16
NVNT	n40	2437	Ant1	46.34	3.34	13.16
NVNT	n40	2452	Ant1	39.58	4.02	13.16
NVNT	ax20	2412	Ant1	56.31	2.49	8.62
NVNT	ax20	2437	Ant1	56.31	2.49	8.62
NVNT	ax20	2462	Ant1	56.31	2.49	8.62
NVNT	ax40	2422	Ant1	45.12	3.46	13.51
NVNT	ax40	2437	Ant1	46.34	3.34	13.16
NVNT	ax40	2452	Ant1	45.78	3.39	13.16



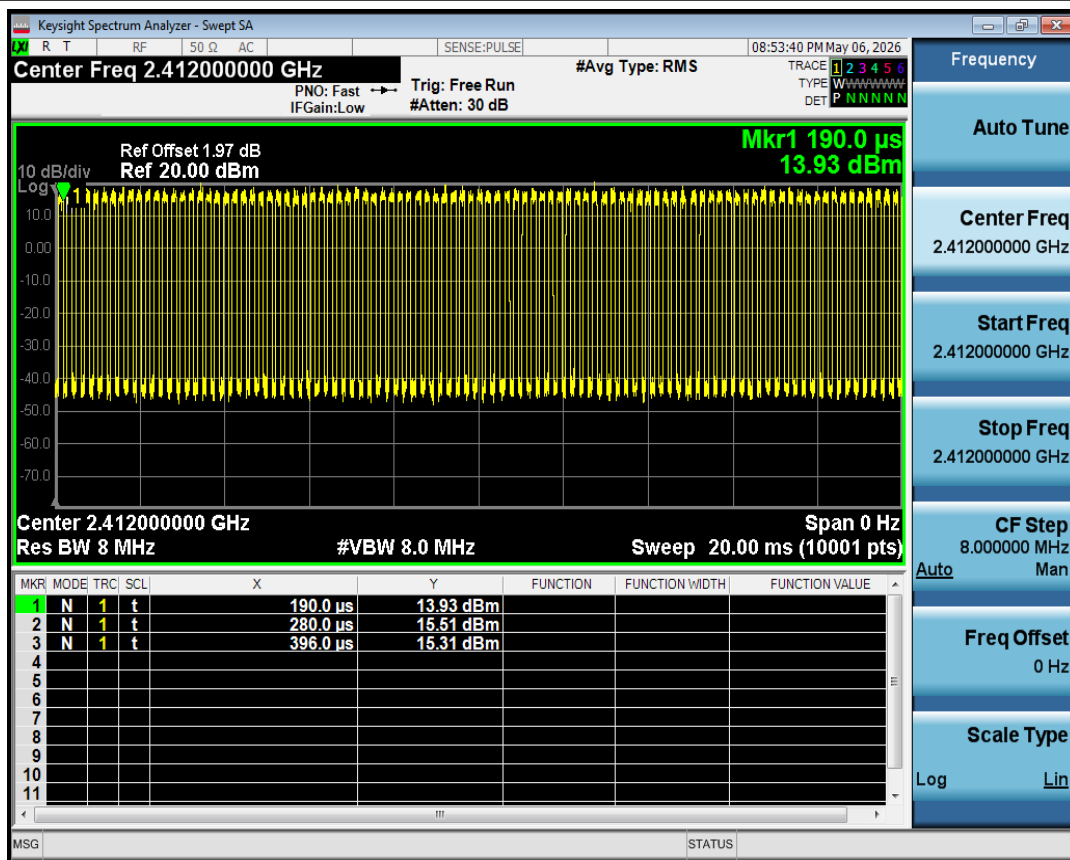
Duty Cycle NVNT b 2412MHz Ant1



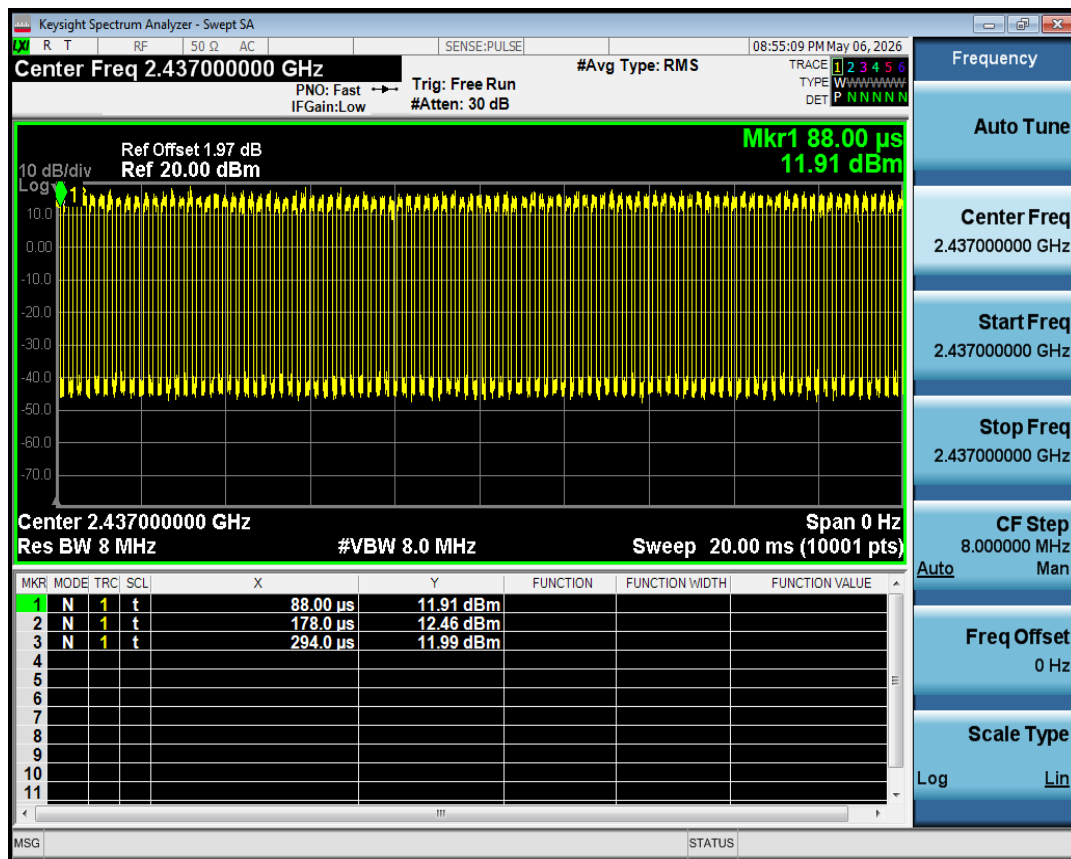
Duty Cycle NVNT b 2437MHz Ant1



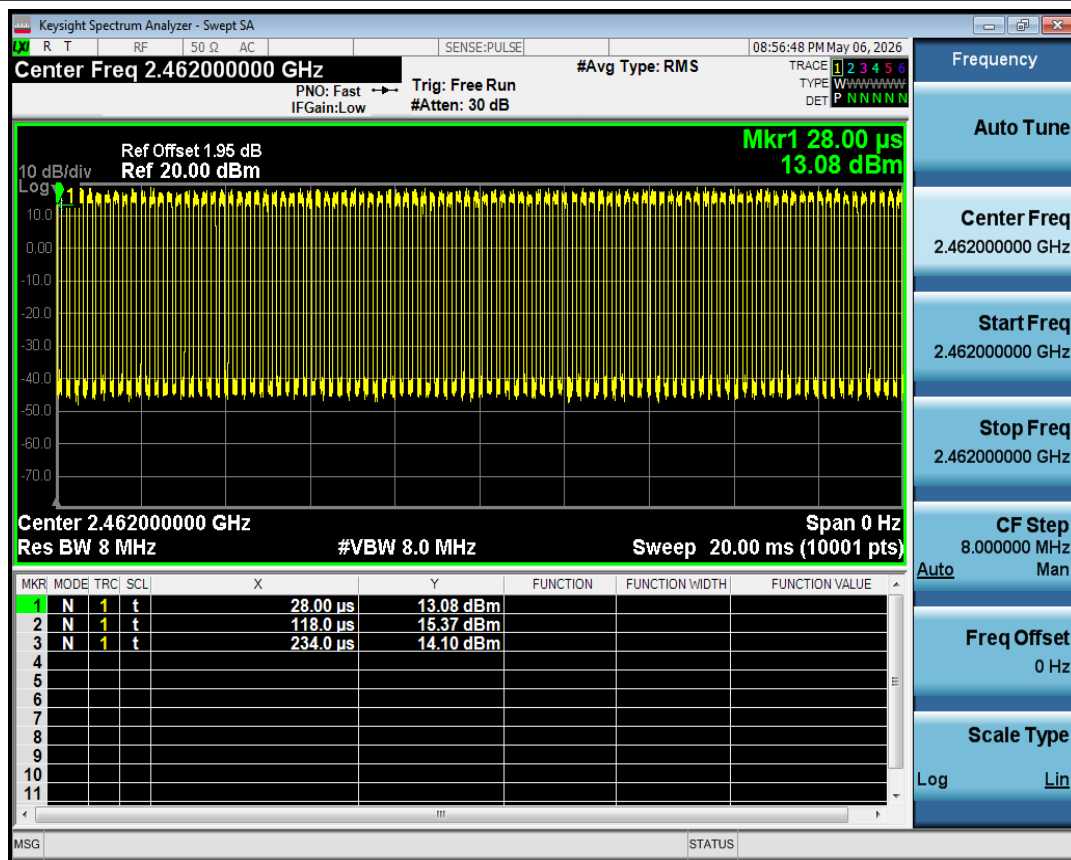
Duty Cycle NVNT b 2462MHz Ant1



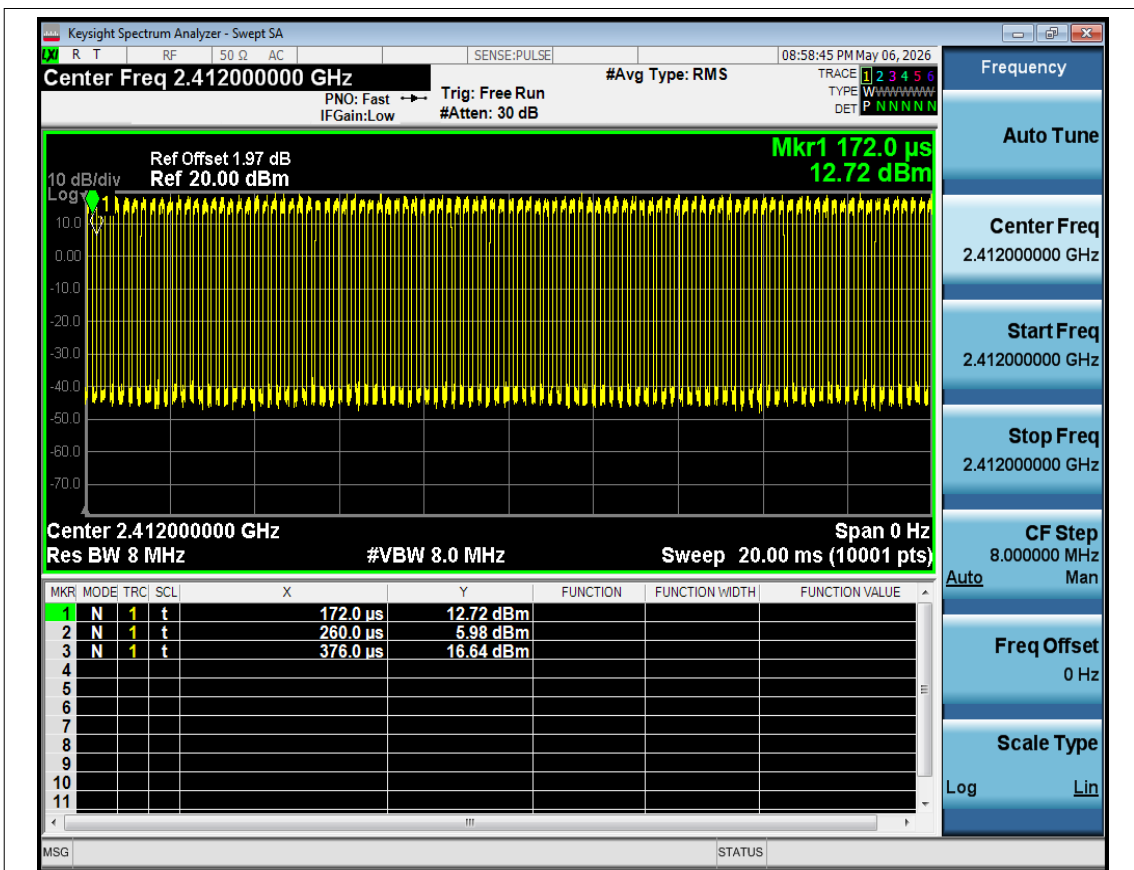
Duty Cycle NVNT g 2412MHz Ant1



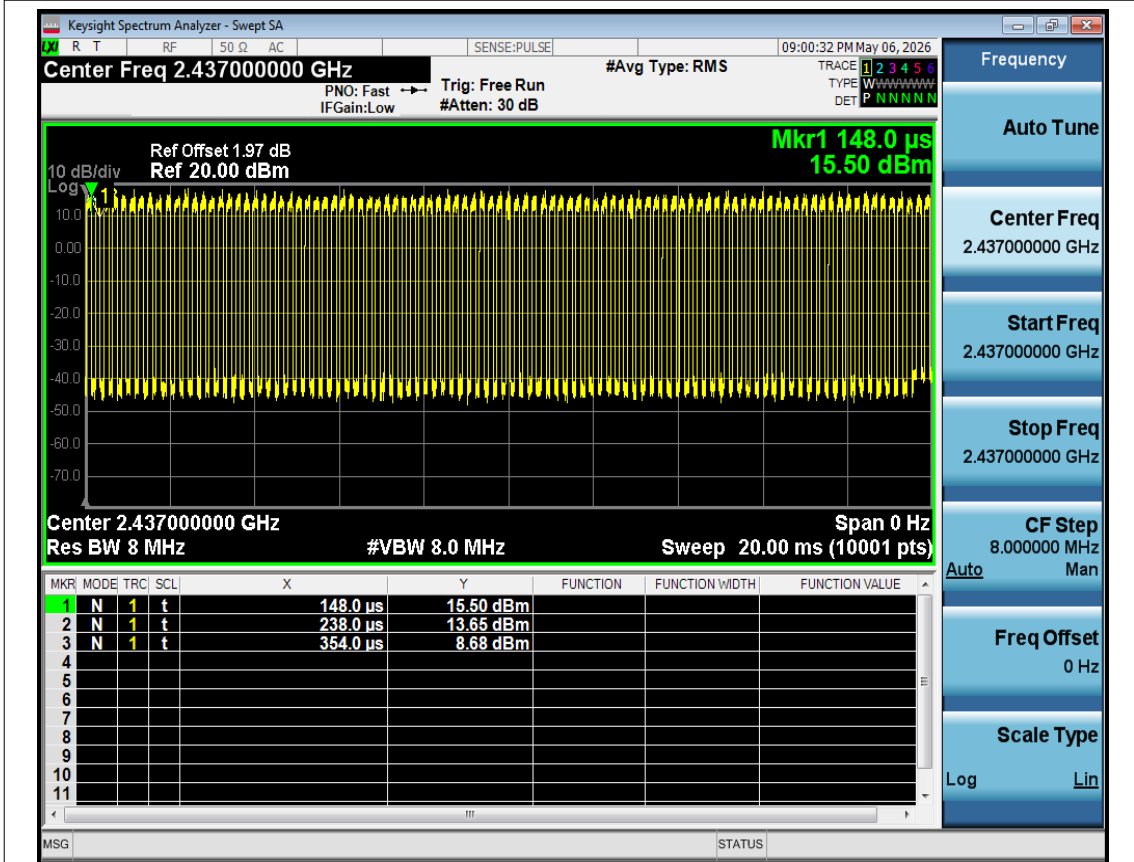
Duty Cycle NVNT g 2437MHz Ant1



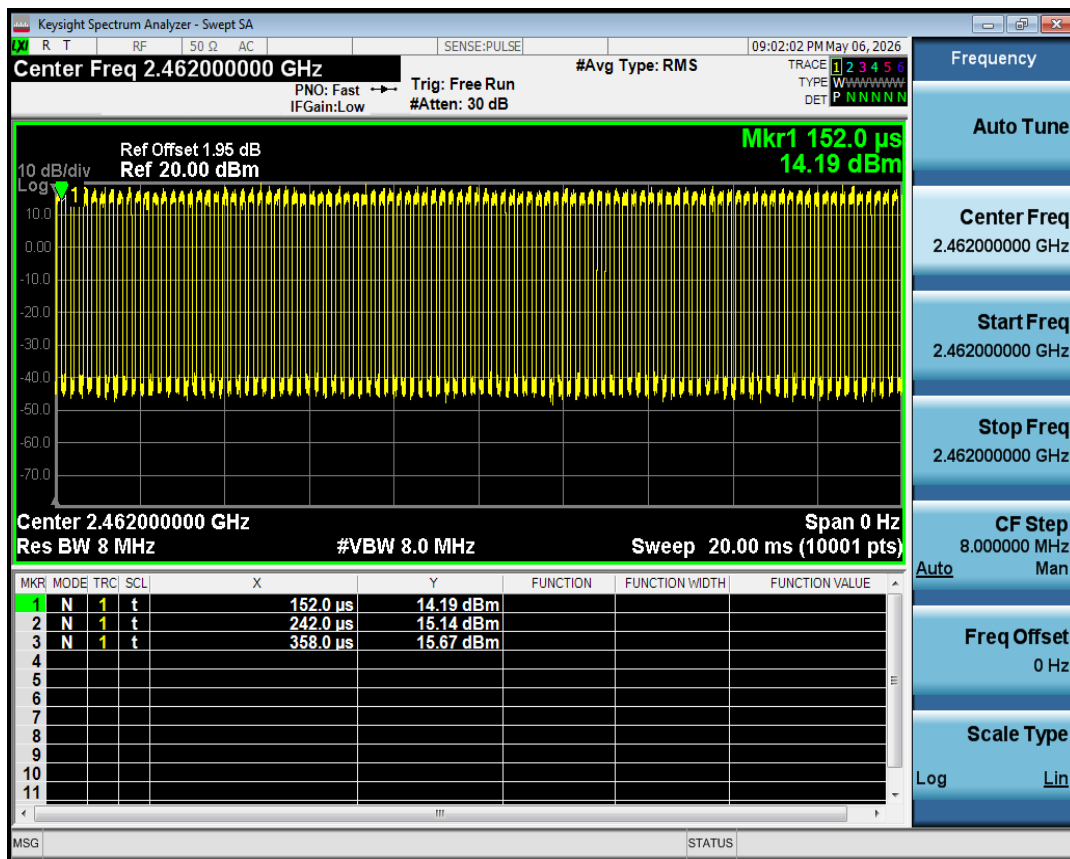
Duty Cycle NVNT g 2462MHz Ant1



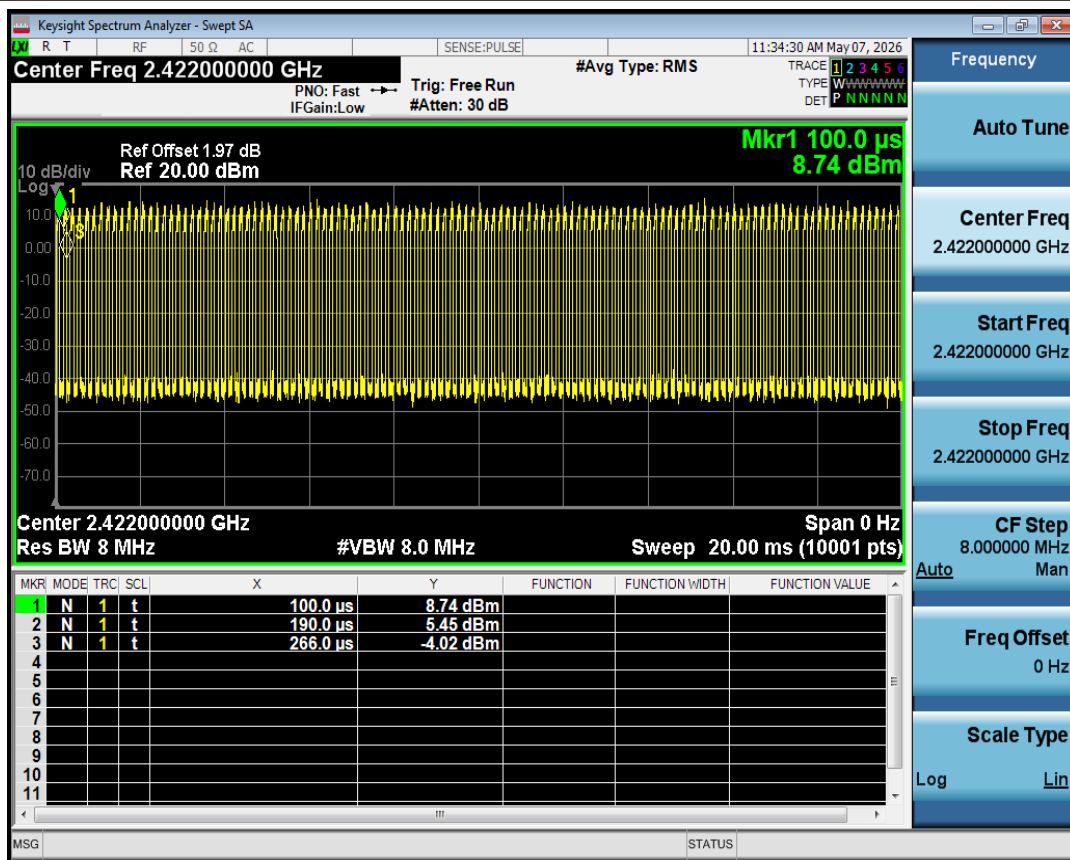
Duty Cycle NVNT n20 2412MHz Ant1



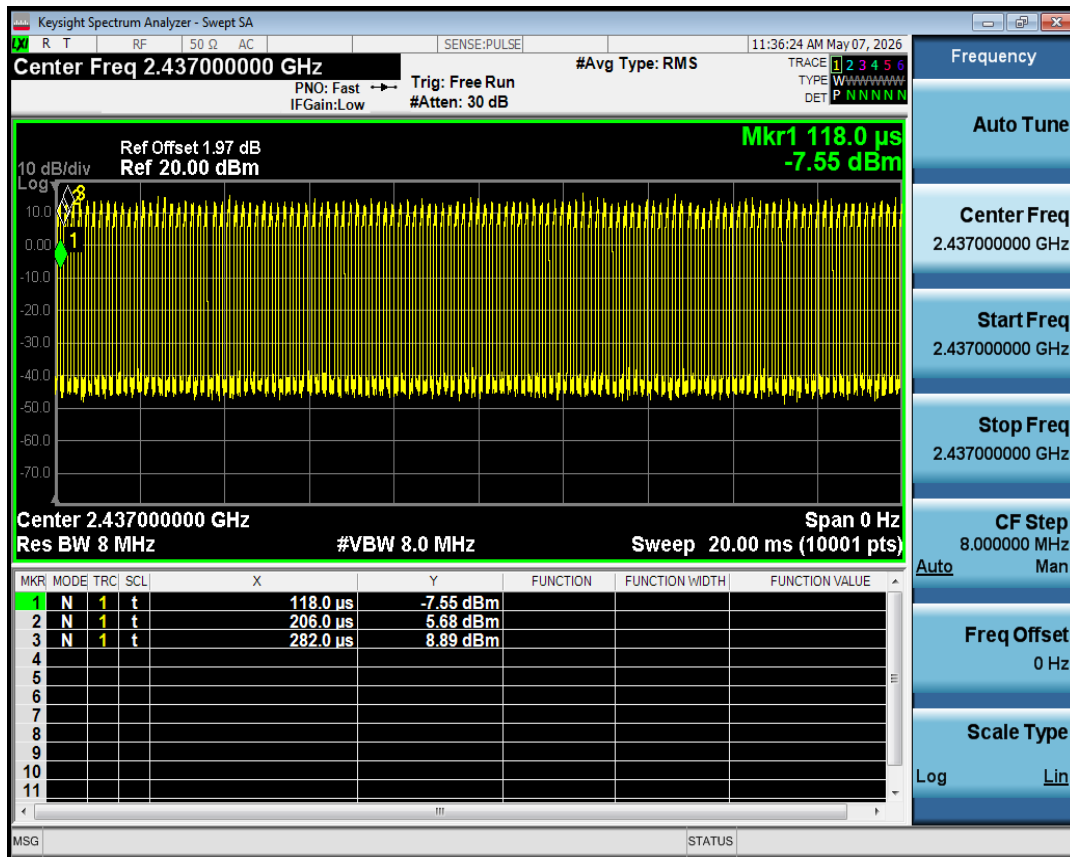
Duty Cycle NVNT n20 2437MHz Ant1



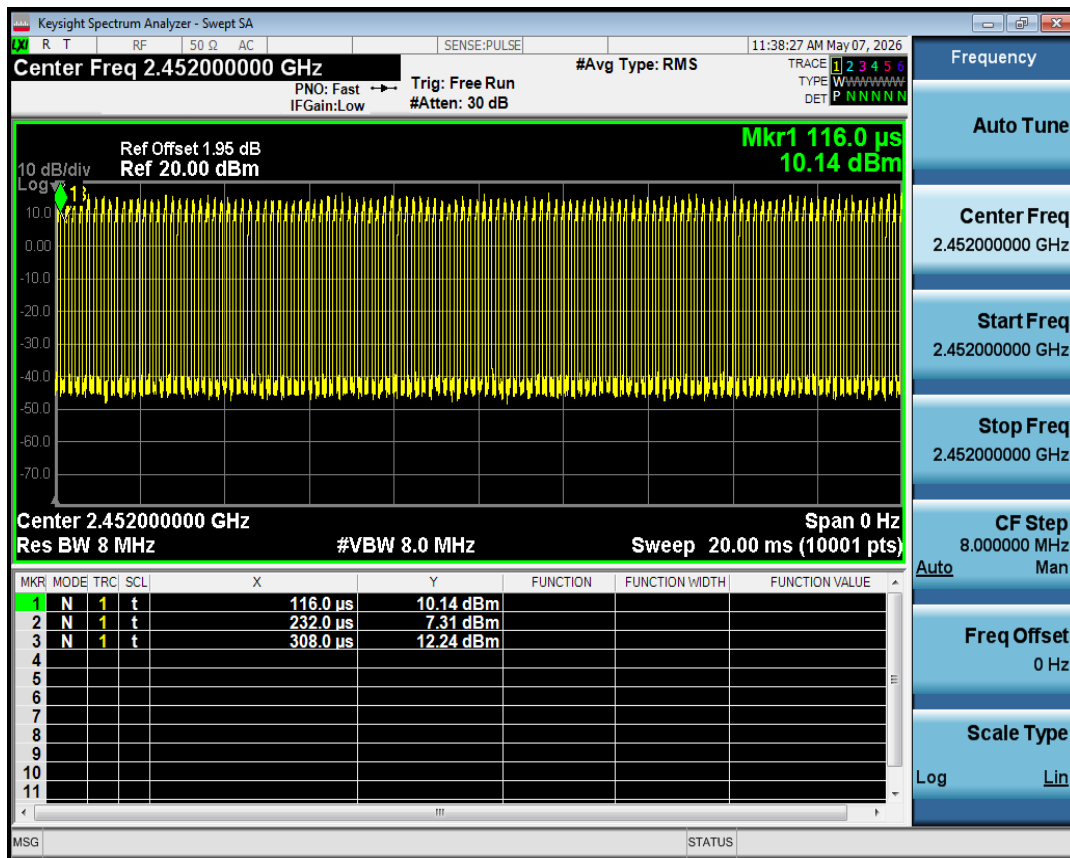
Duty Cycle NVNT n20 2462MHz Ant1



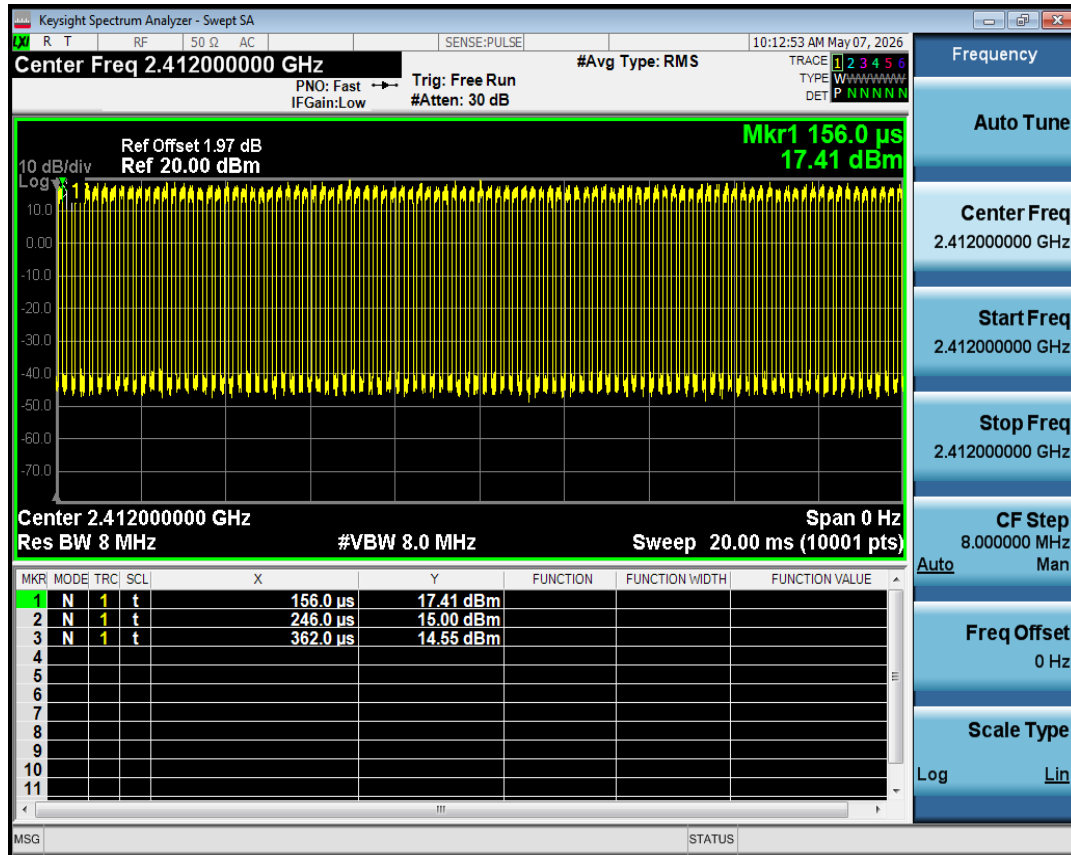
Duty Cycle NVNT n40 2422MHz Ant1



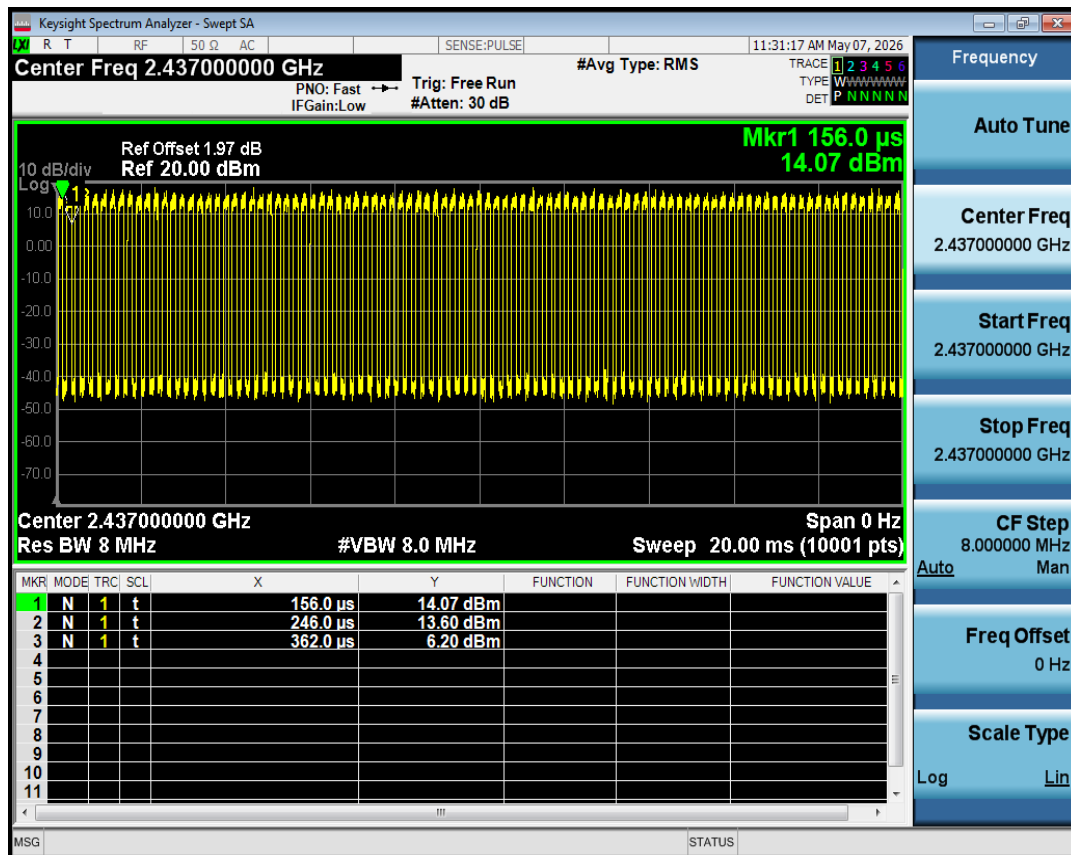
Duty Cycle NVNT n40 2437MHz Ant1



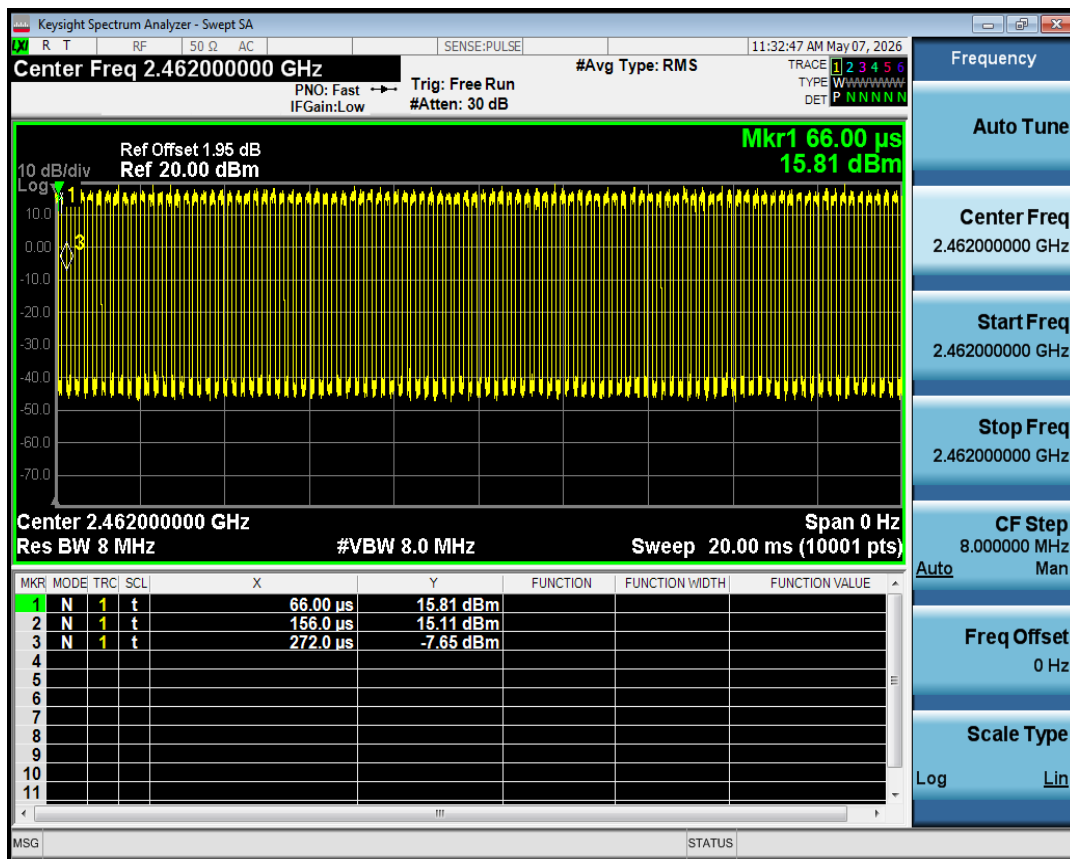
Duty Cycle NVNT n40 2452MHz Ant1



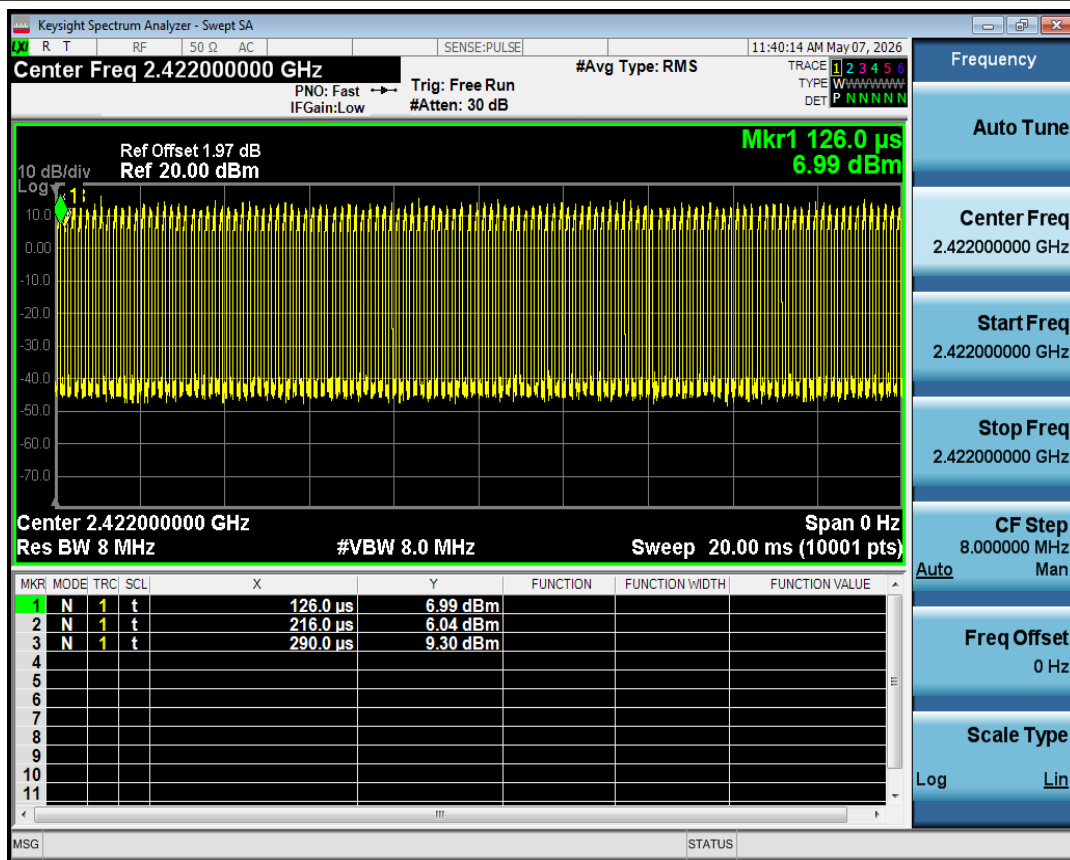
Duty Cycle NVNT ax20 2412MHz Ant1



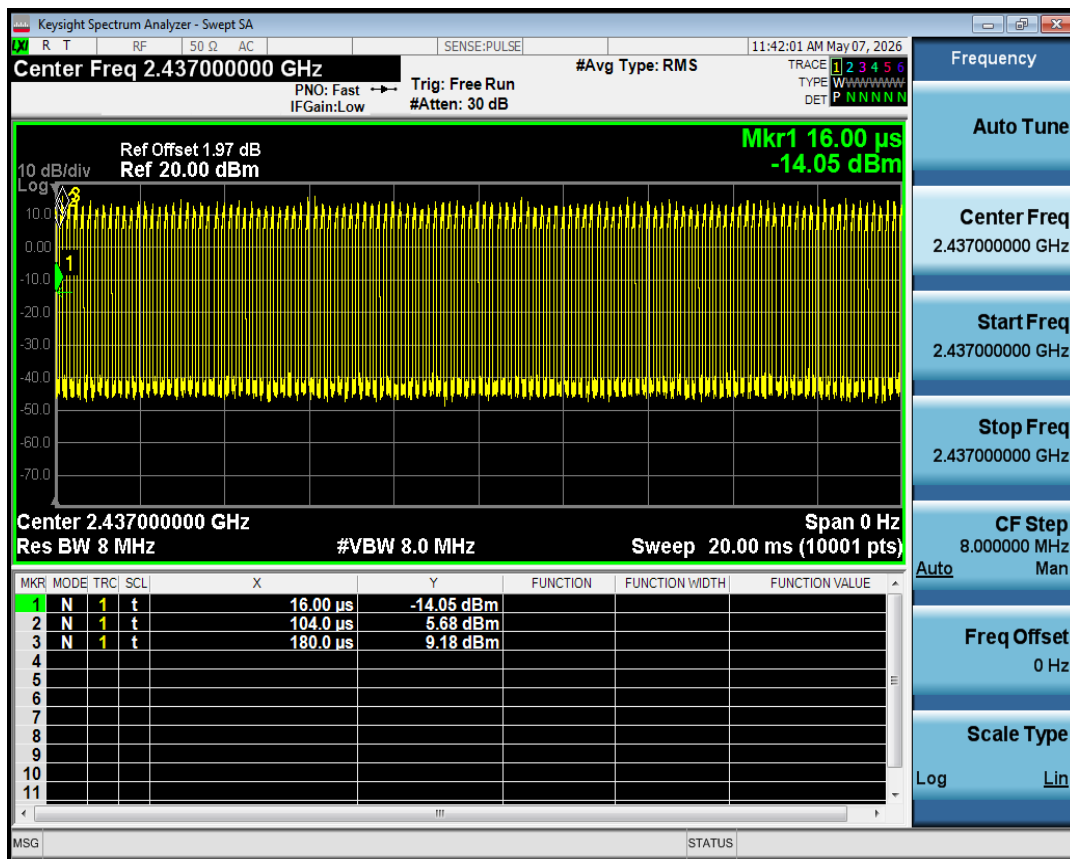
Duty Cycle NVNT ax20 2437MHz Ant1



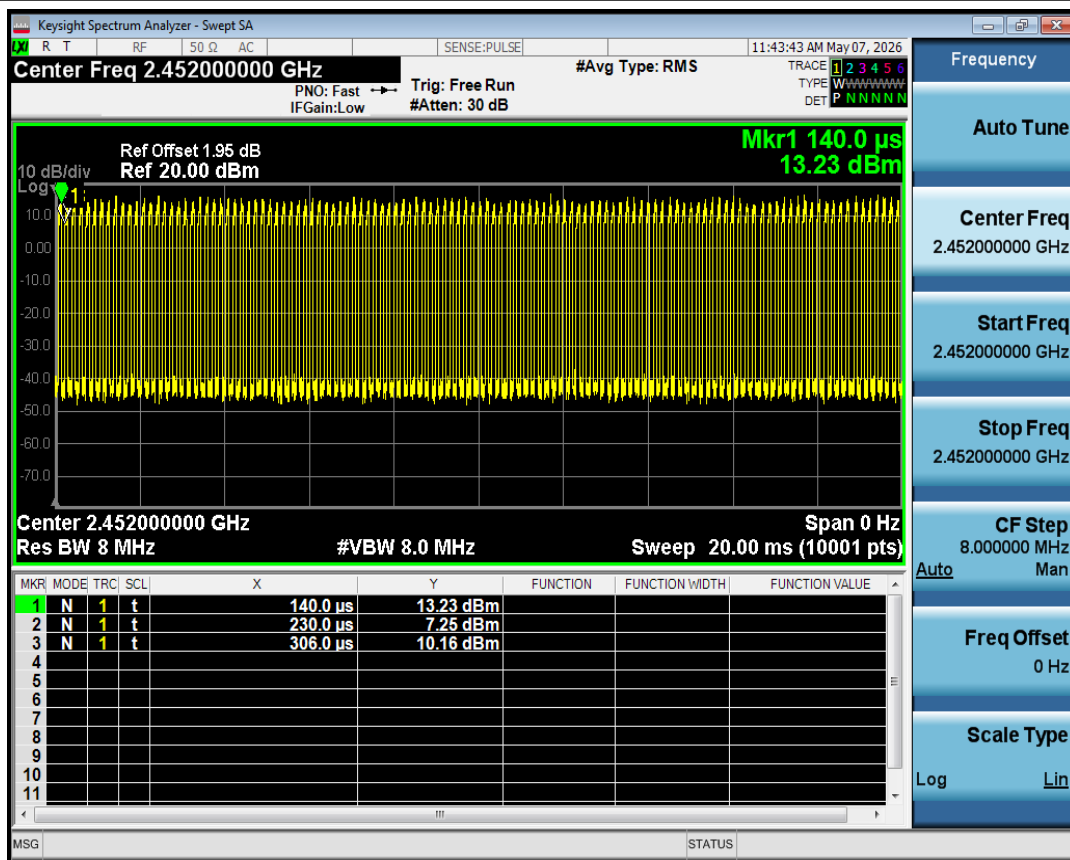
Duty Cycle NVNT ax20 2462MHz Ant1



Duty Cycle NVNT ax40 2422MHz Ant1



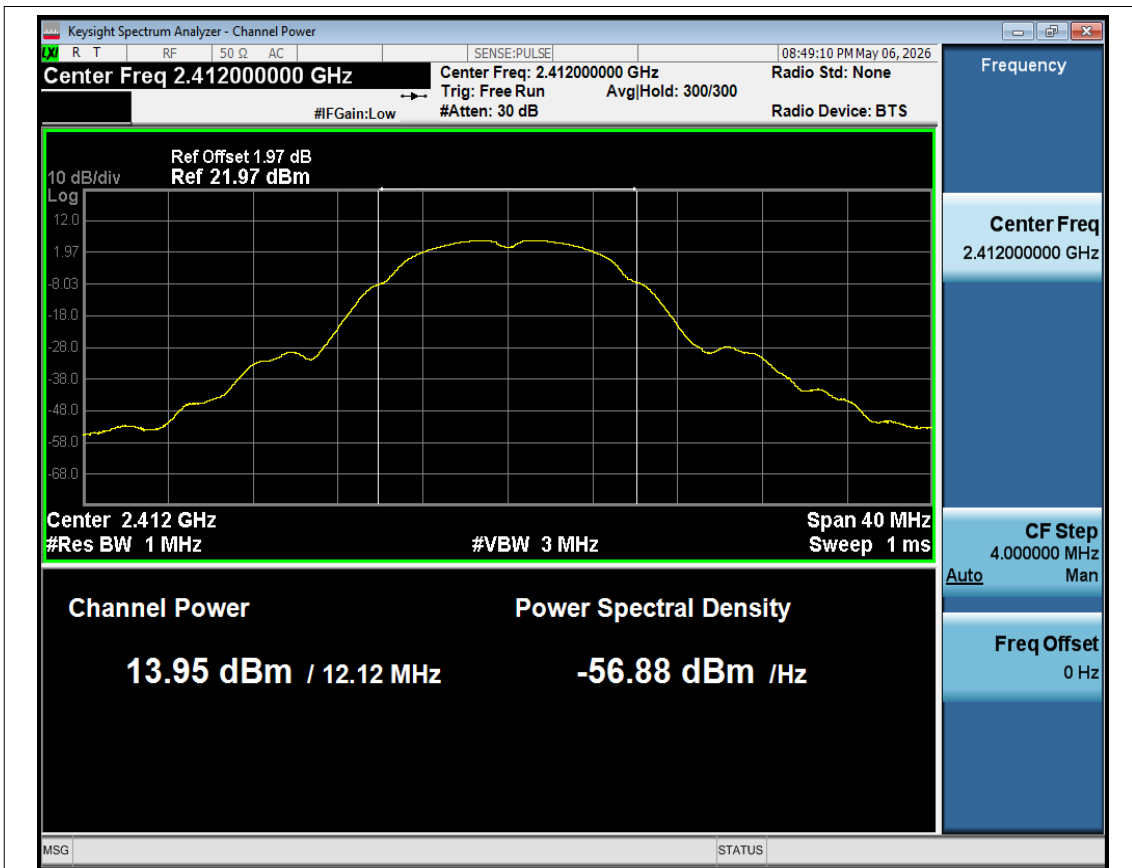
Duty Cycle NVNT ax40 2437MHz Ant1



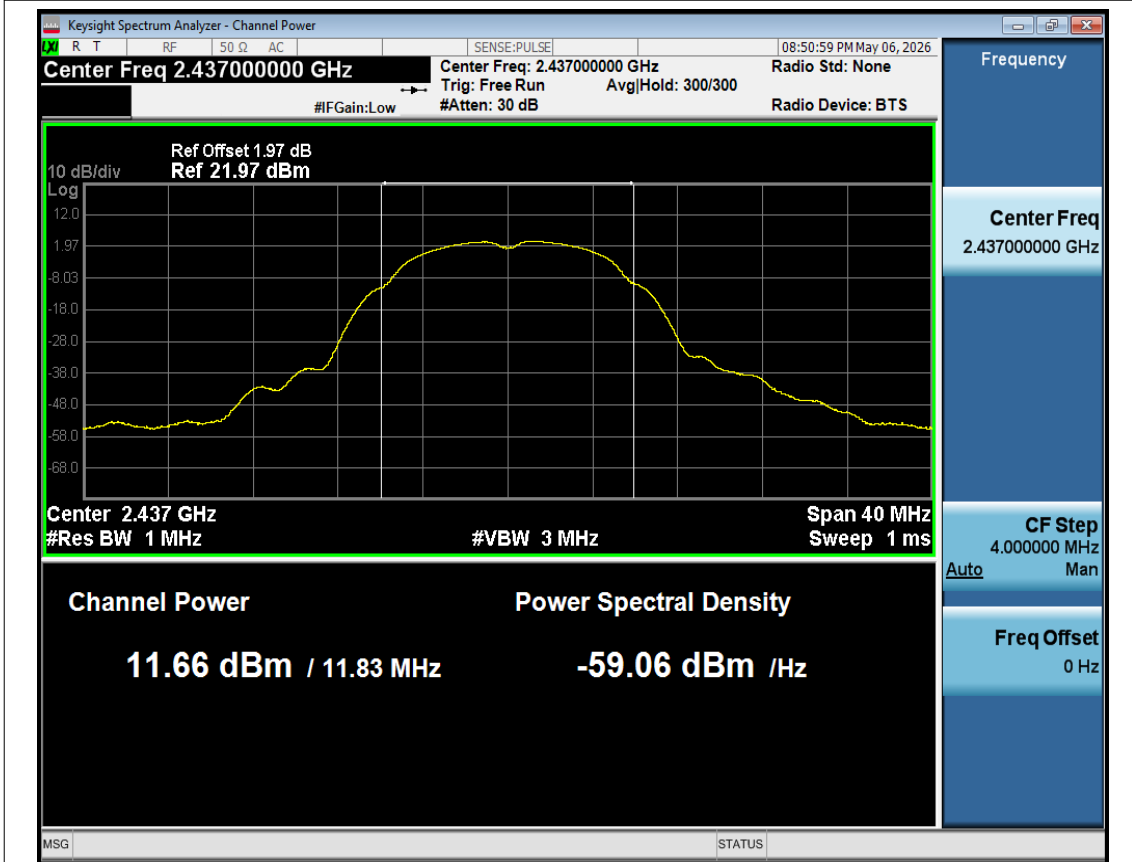
Duty Cycle NVNT ax40 2452MHz Ant1

Maximum Average Conducted Output Power

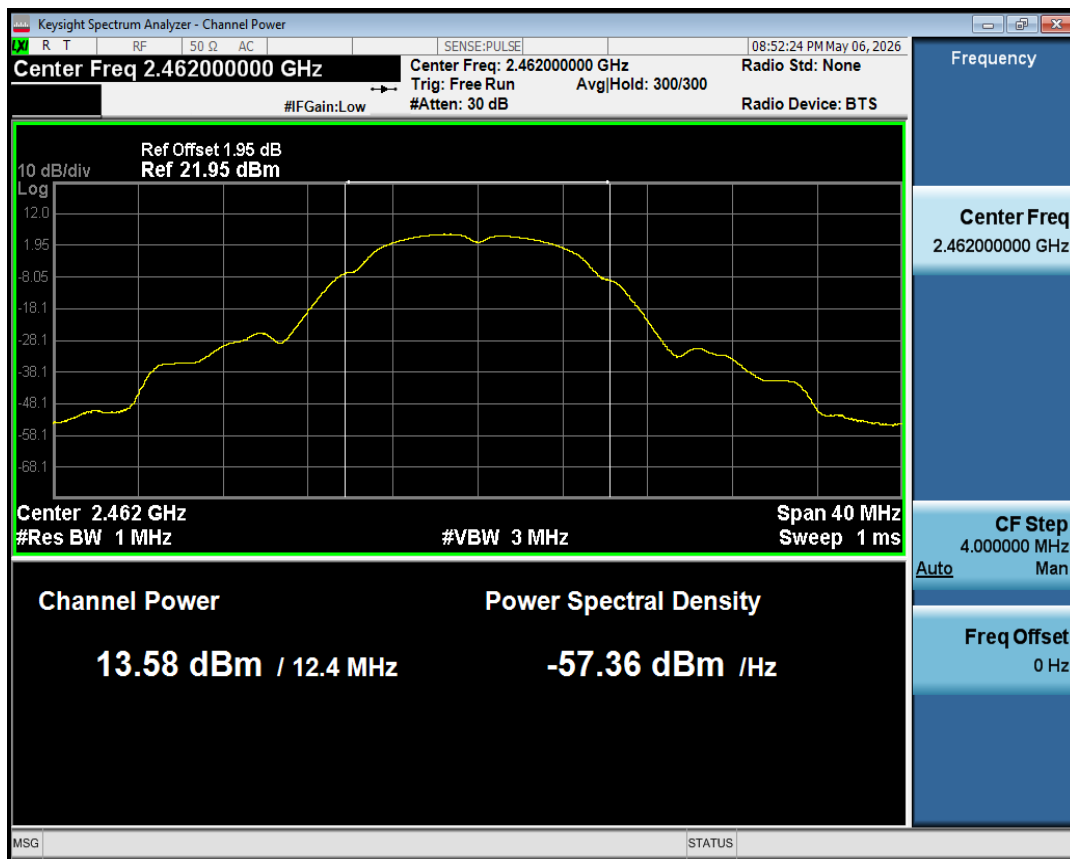
Condi tion	Mod e	Frequen cy (MHz)	Anten na	Conduct ed Power (dBm)	Duty Fact or (dB)	Total Conduct ed Power (dBm)	Total Conduct ed Power (W)	Limit Conducted(dB m)	Verdi ct
NVNT	b	2412	Ant1	13.95	0.52	14.47	0.02799	30	Pass
NVNT	b	2437	Ant1	11.66	0.6	12.26	0.01683	30	Pass
NVNT	b	2462	Ant1	13.58	0.51	14.09	0.02564	30	Pass
NVNT	g	2412	Ant1	10.74	2.49	13.23	0.02104	30	Pass
NVNT	g	2437	Ant1	8.81	2.49	11.3	0.01349	30	Pass
NVNT	g	2462	Ant1	10.66	2.49	13.15	0.02065	30	Pass
NVNT	n20	2412	Ant1	10.88	2.45	13.33	0.02153	30	Pass
NVNT	n20	2437	Ant1	9.01	2.49	11.5	0.01413	30	Pass
NVNT	n20	2462	Ant1	10.81	2.49	13.3	0.02138	30	Pass
NVNT	n40	2422	Ant1	8.28	3.39	11.67	0.01469	30	Pass
NVNT	n40	2437	Ant1	8.24	3.34	11.58	0.01439	30	Pass
NVNT	n40	2452	Ant1	9.19	4.02	13.21	0.02094	30	Pass
NVNT	ax20	2412	Ant1	10.75	2.49	13.24	0.02109	30	Pass
NVNT	ax20	2437	Ant1	8.96	2.49	11.45	0.01396	30	Pass
NVNT	ax20	2462	Ant1	10.82	2.49	13.31	0.02143	30	Pass
NVNT	ax40	2422	Ant1	8.31	3.46	11.77	0.01503	30	Pass
NVNT	ax40	2437	Ant1	8.28	3.34	11.62	0.01452	30	Pass
NVNT	ax40	2452	Ant1	9.17	3.39	12.56	0.01803	30	Pass



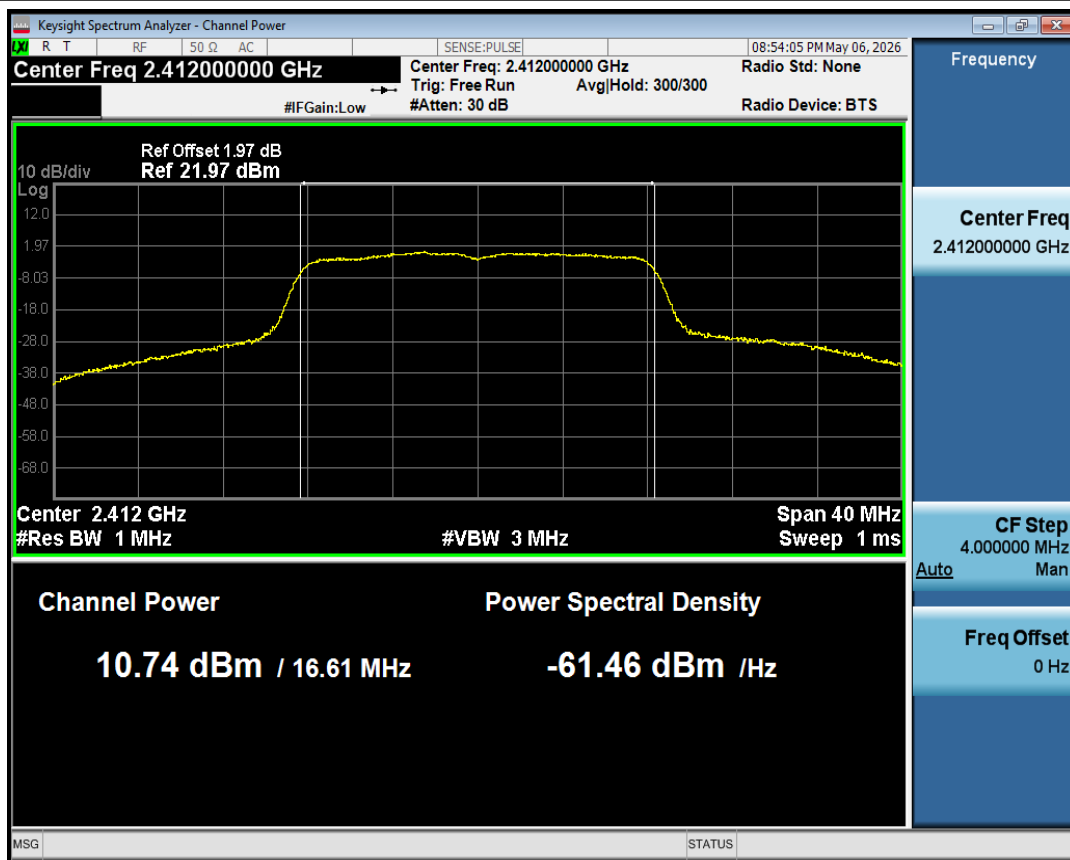
Average Power NVNT b 2412MHz Ant1



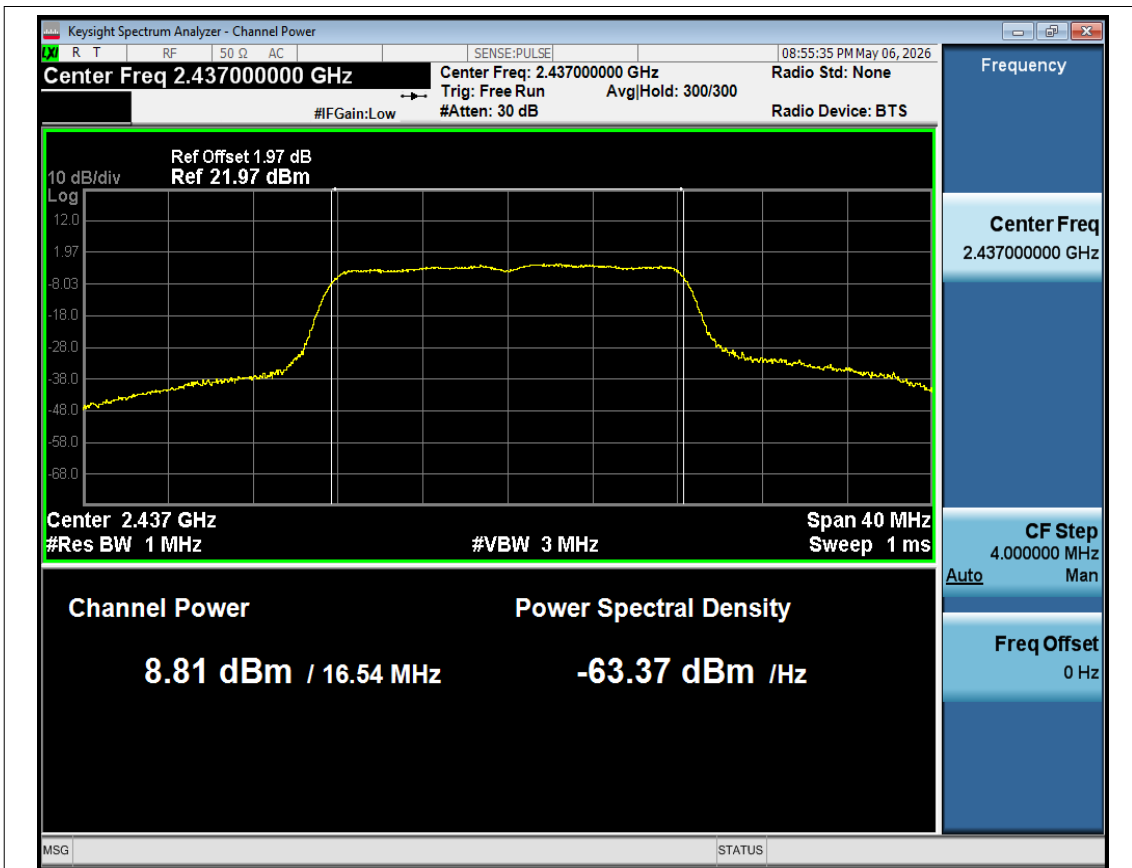
Average Power NVNT b 2437MHz Ant1



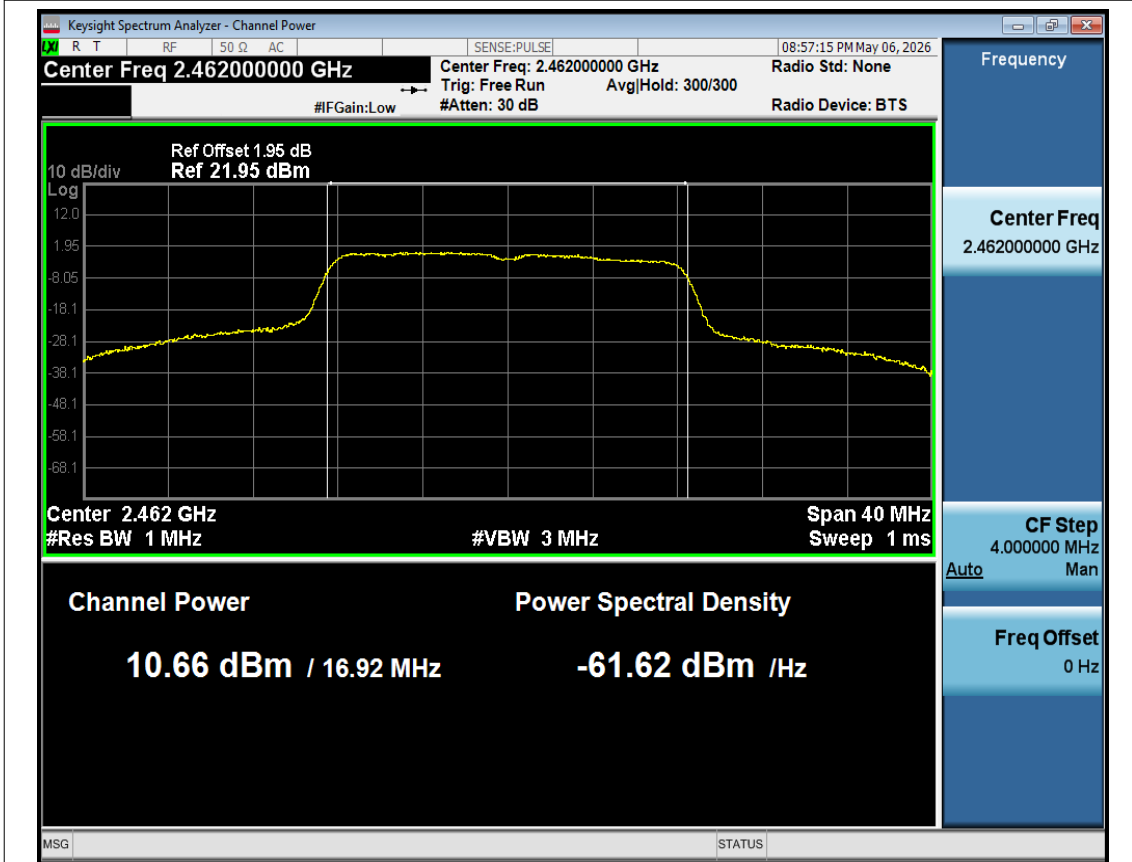
Average Power NVNT b 2462MHz Ant1



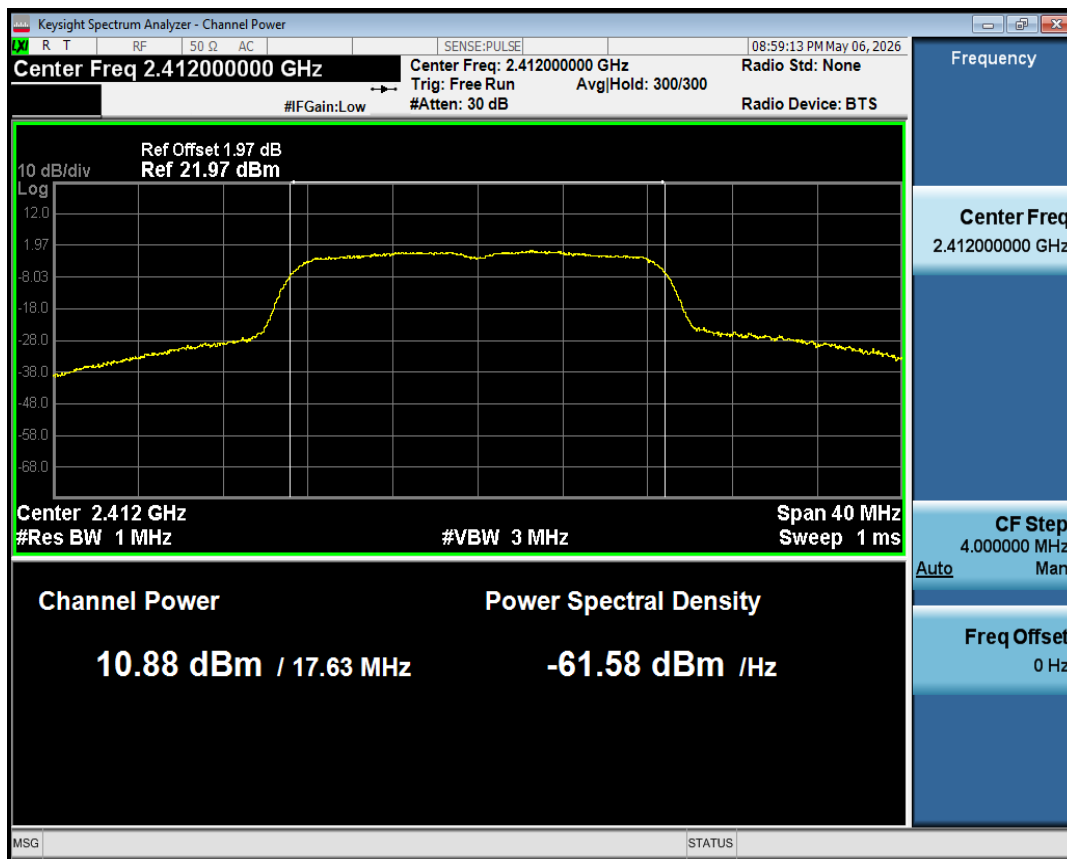
Average Power NVNT g 2412MHz Ant1



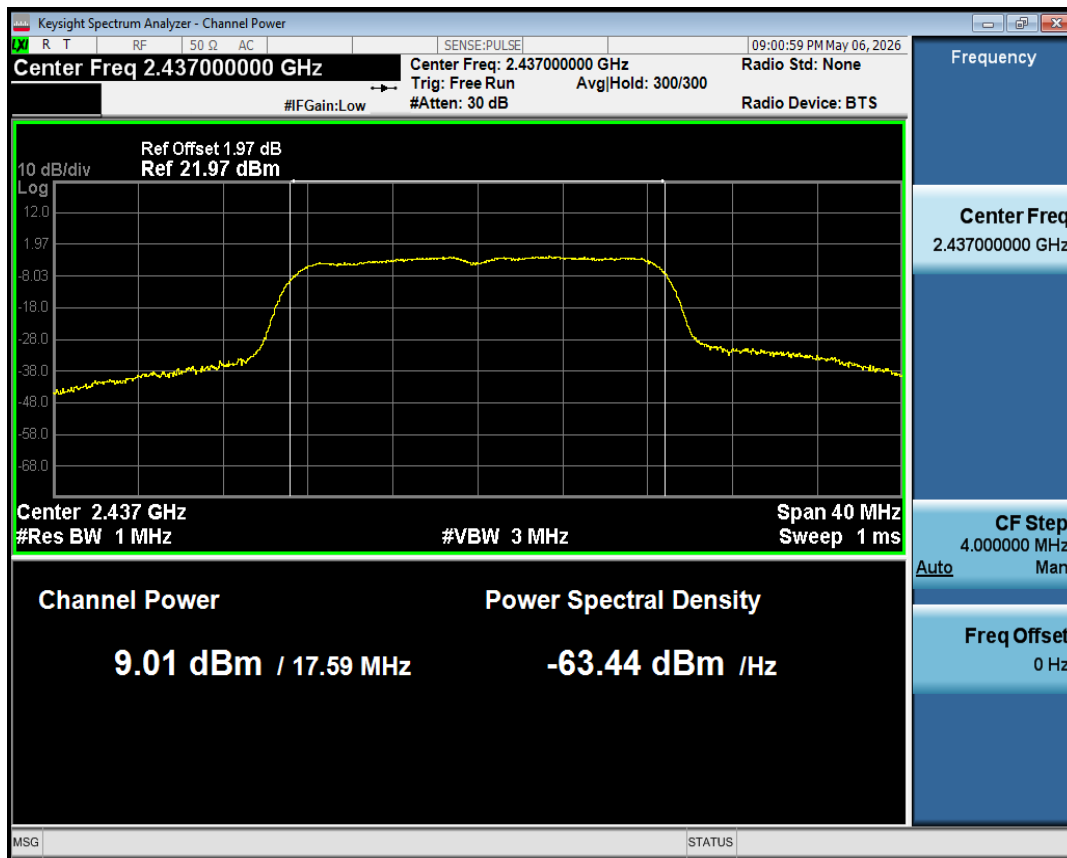
Average Power NVNT g 2437MHz Ant1



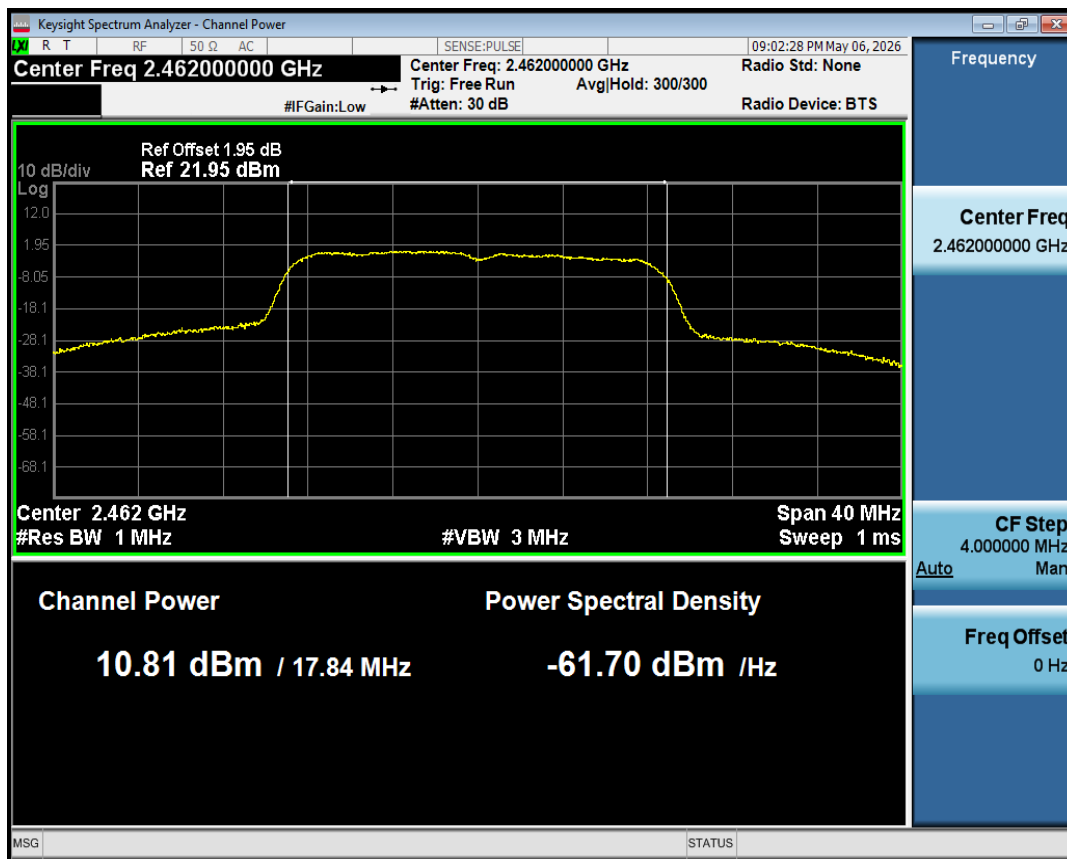
Average Power NVNT g 2462MHz Ant1



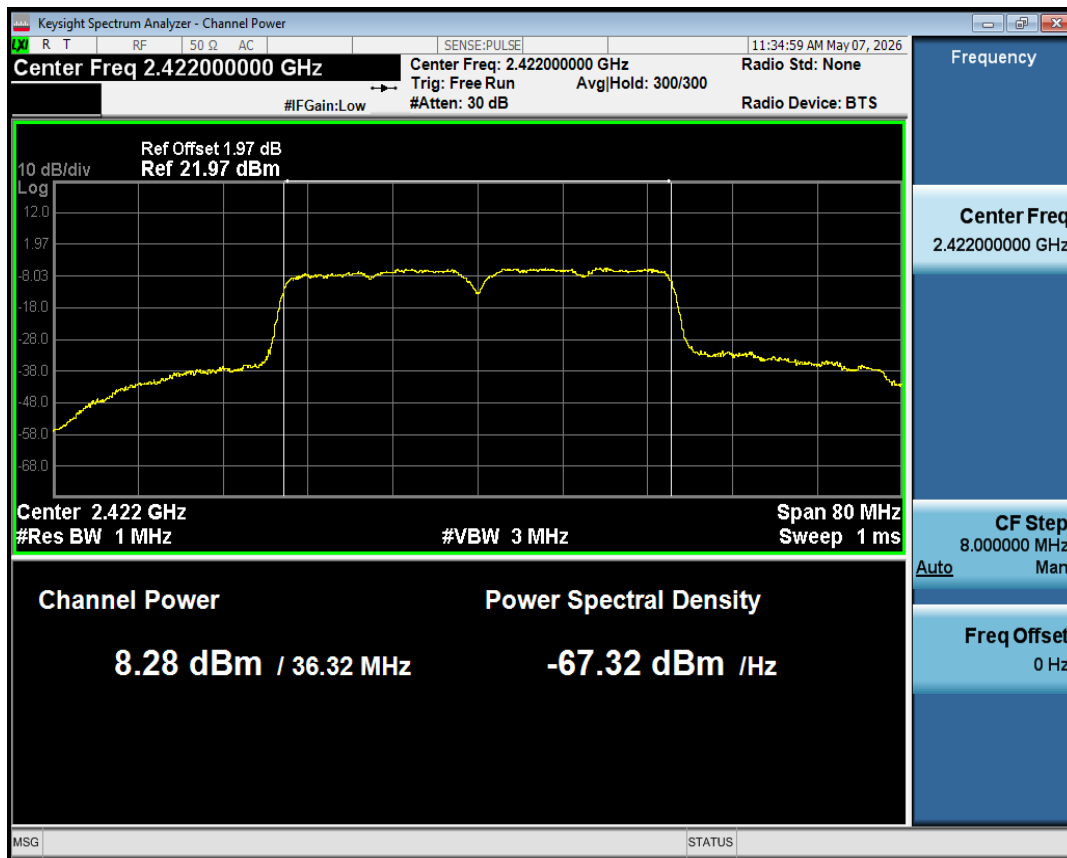
Average Power NVNT n20 2412MHz Ant1



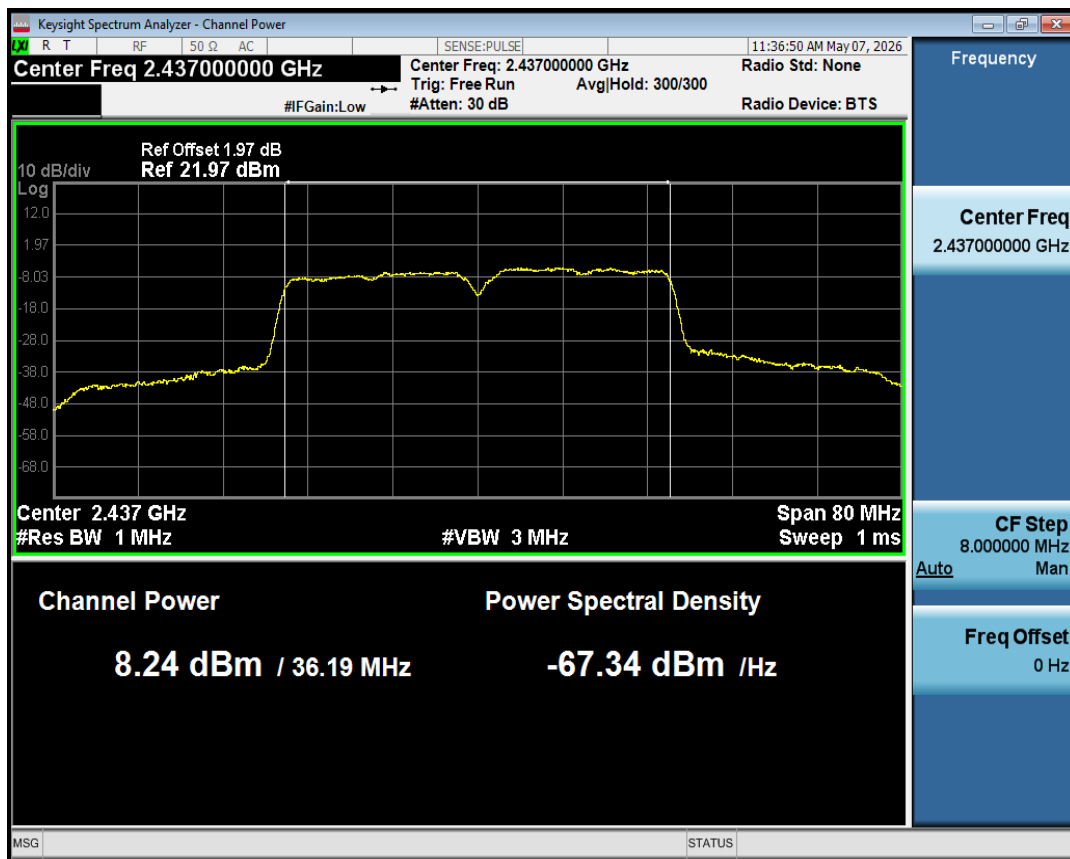
Average Power NVNT n20 2437MHz Ant1



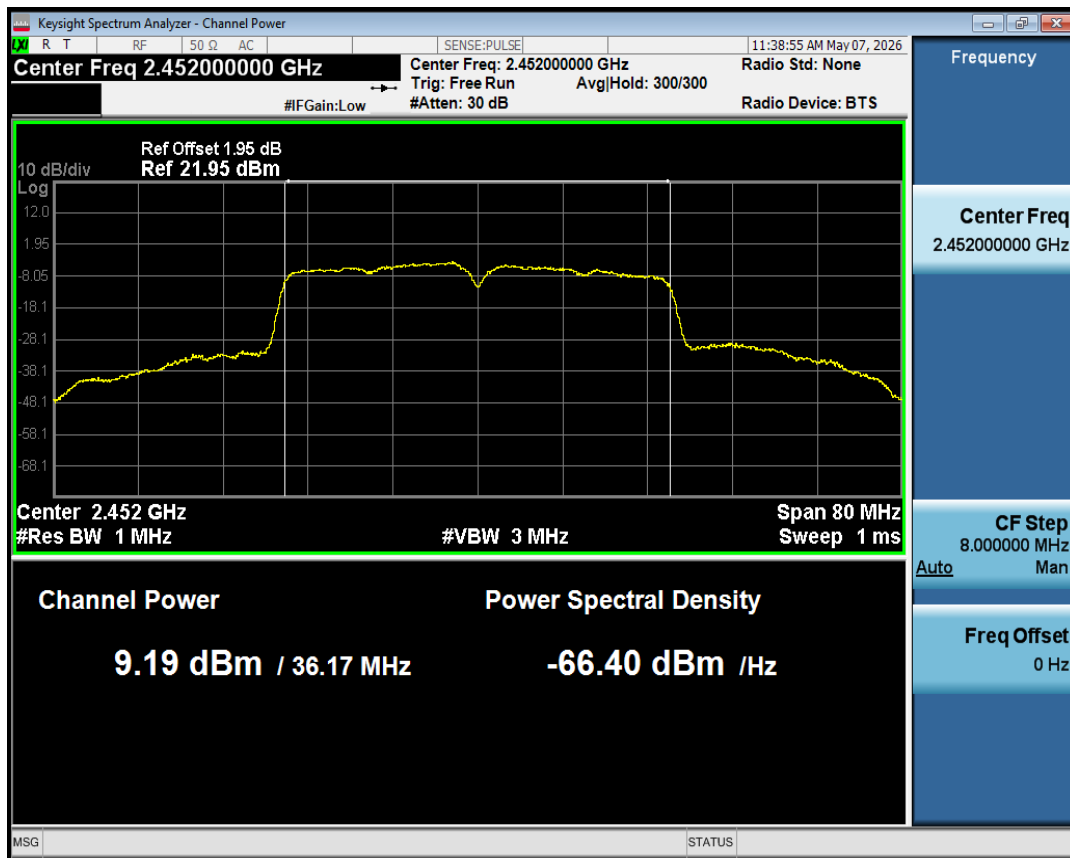
Average Power NVNT n20 2462MHz Ant1



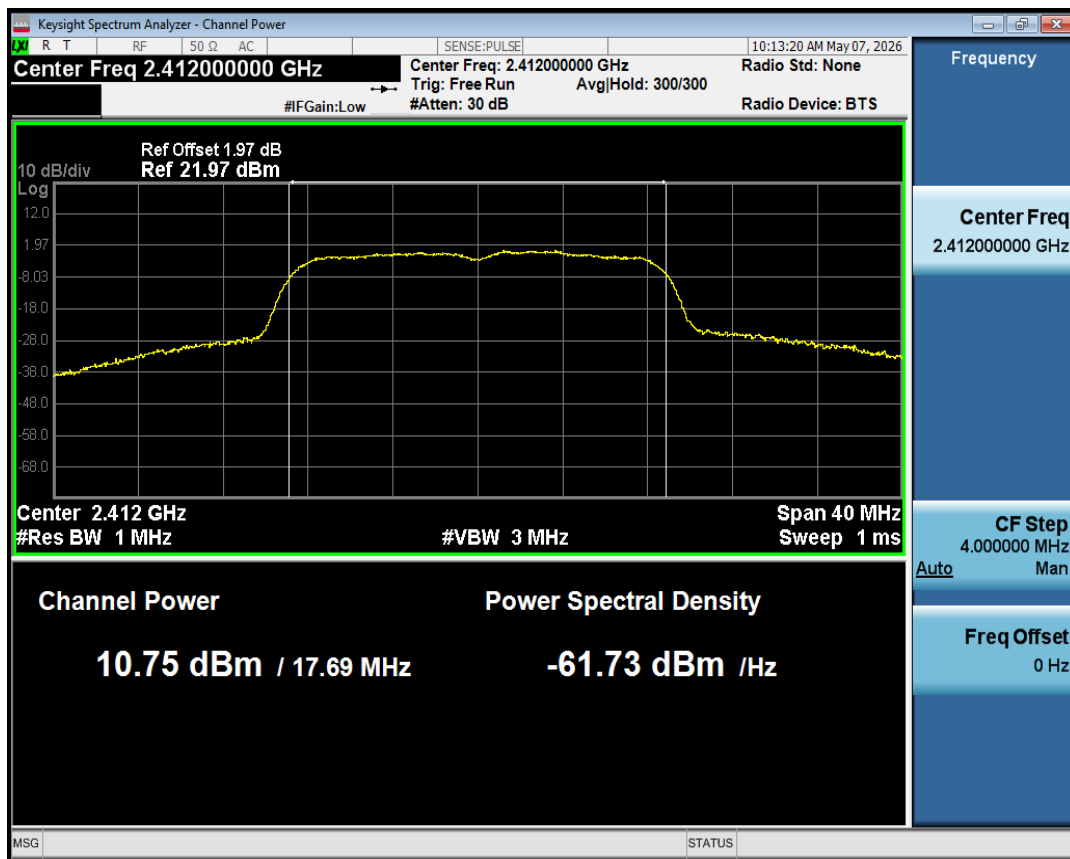
Average Power NVNT n40 2422MHz Ant1



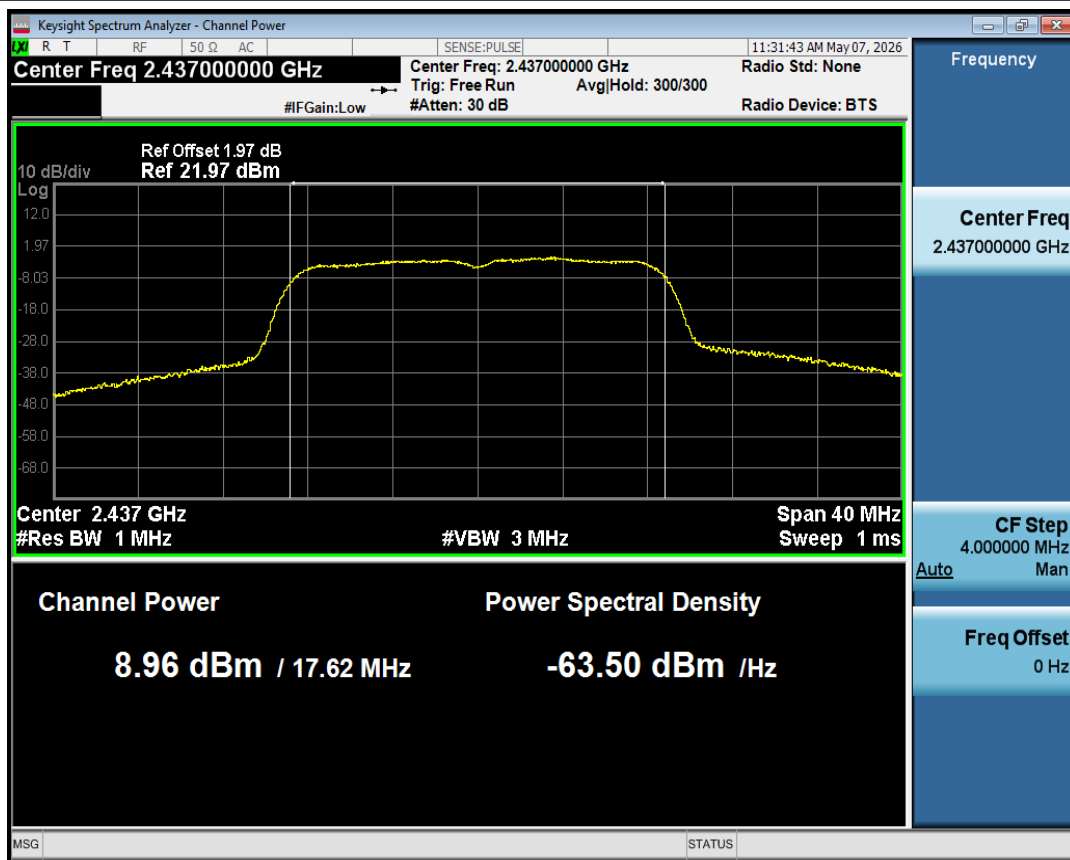
Average Power NVNT n40 2437MHz Ant1



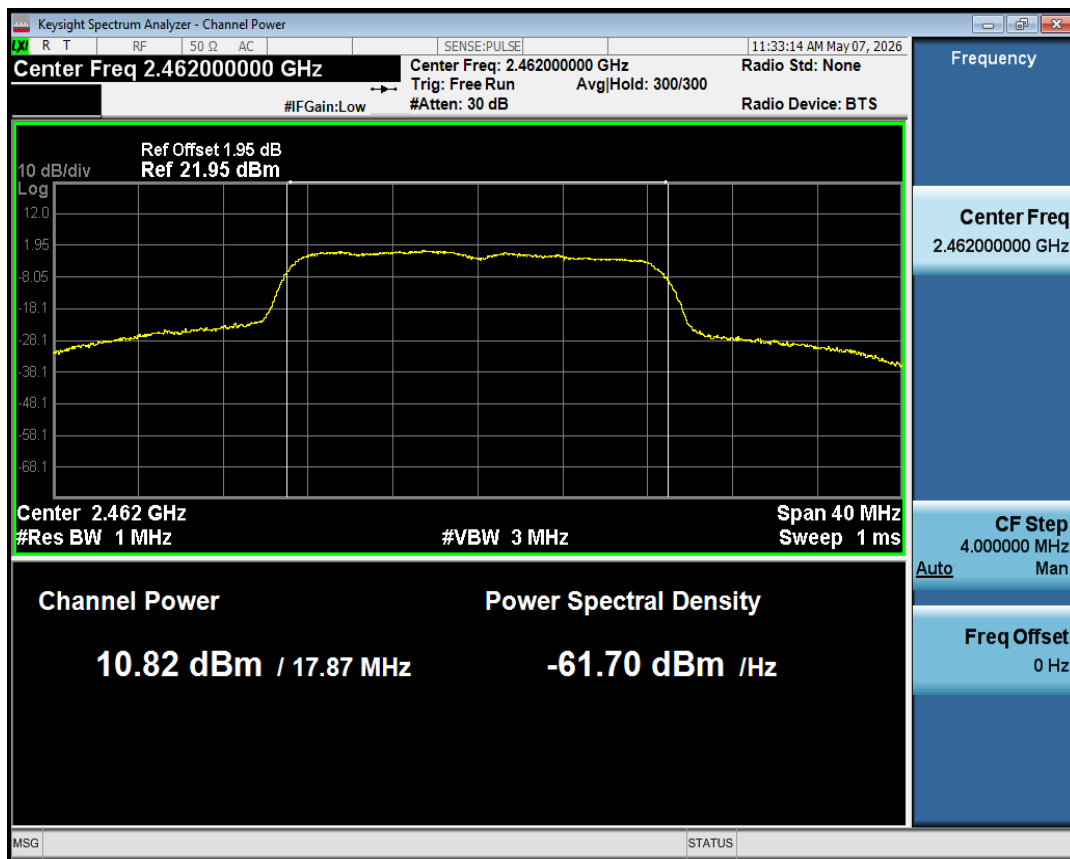
Average Power NVNT n40 2452MHz Ant1



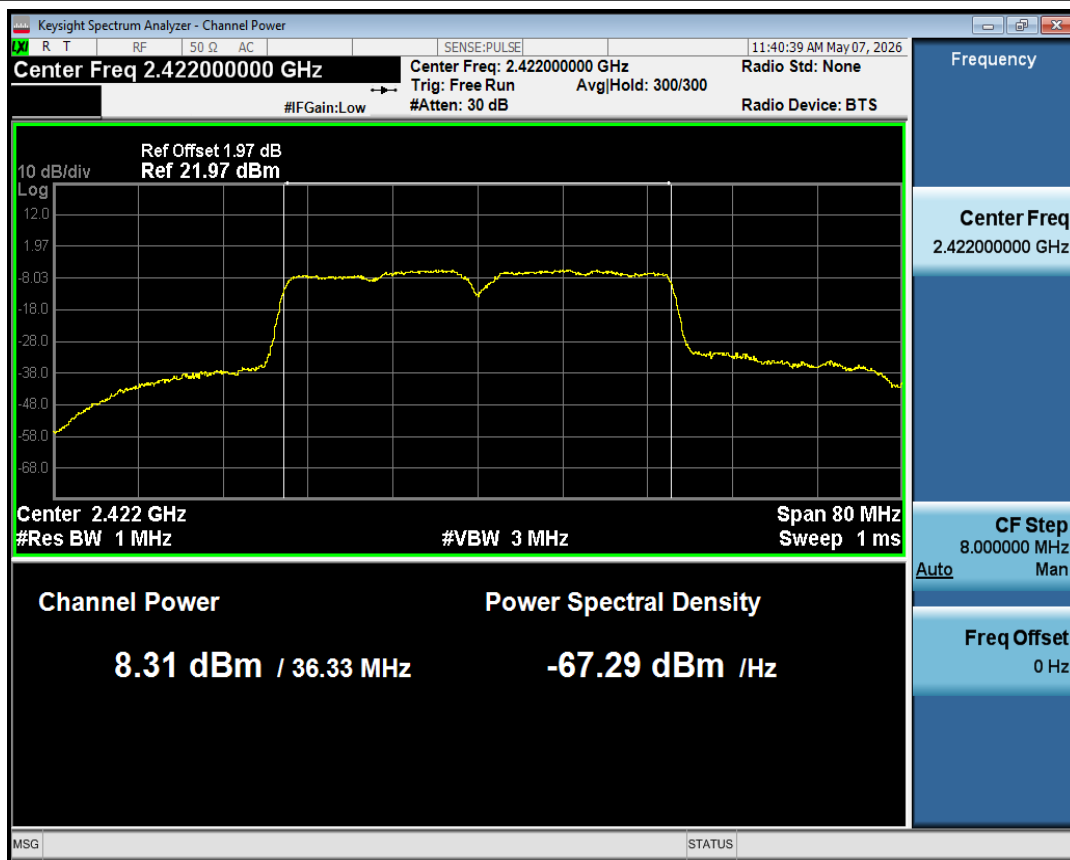
Average Power NVNT ax20 2412MHz Ant1



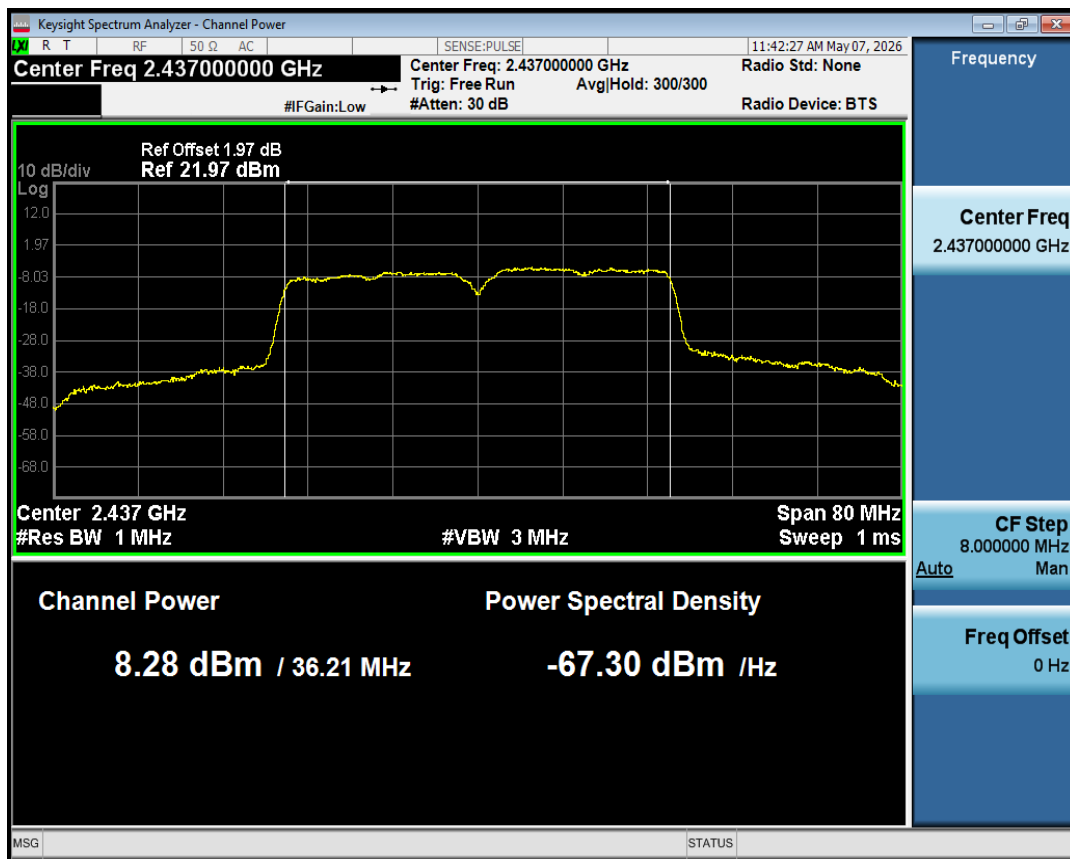
Average Power NVNT ax20 2437MHz Ant1



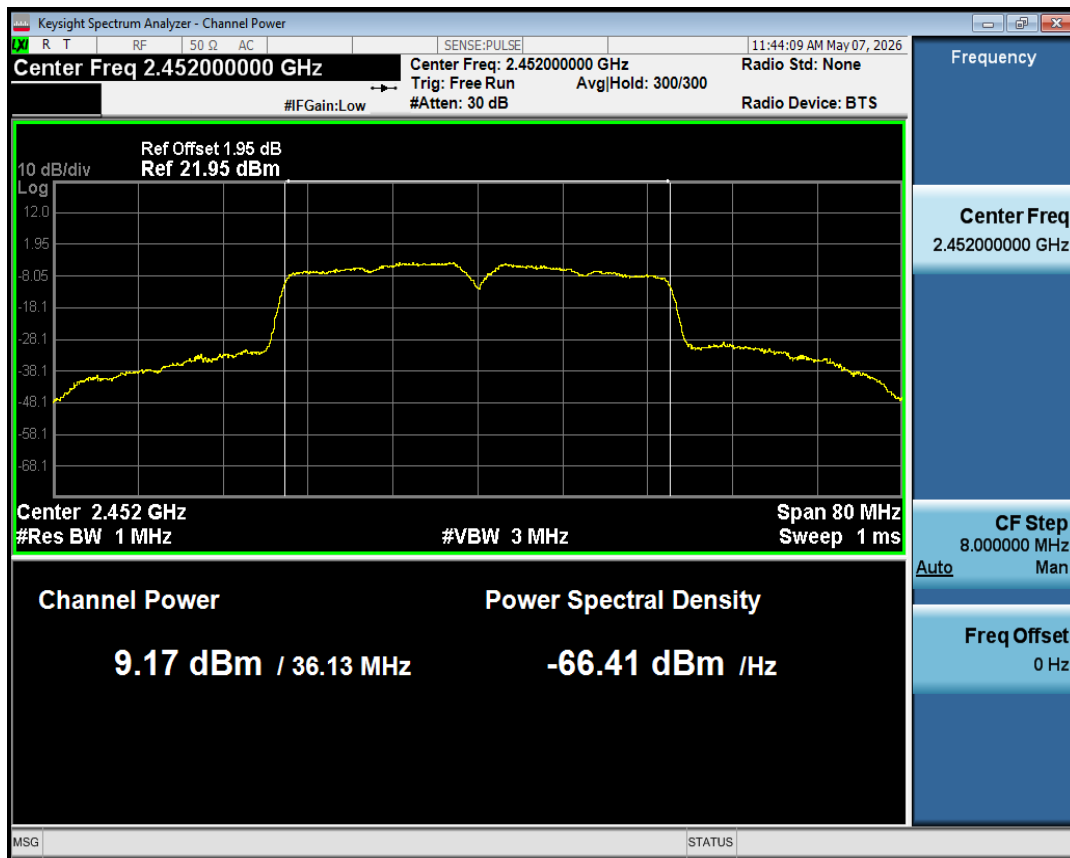
Average Power NVNT ax20 2462MHz Ant1



Average Power NVNT ax40 2422MHz Ant1



Average Power NVNT ax40 2437MHz Ant1



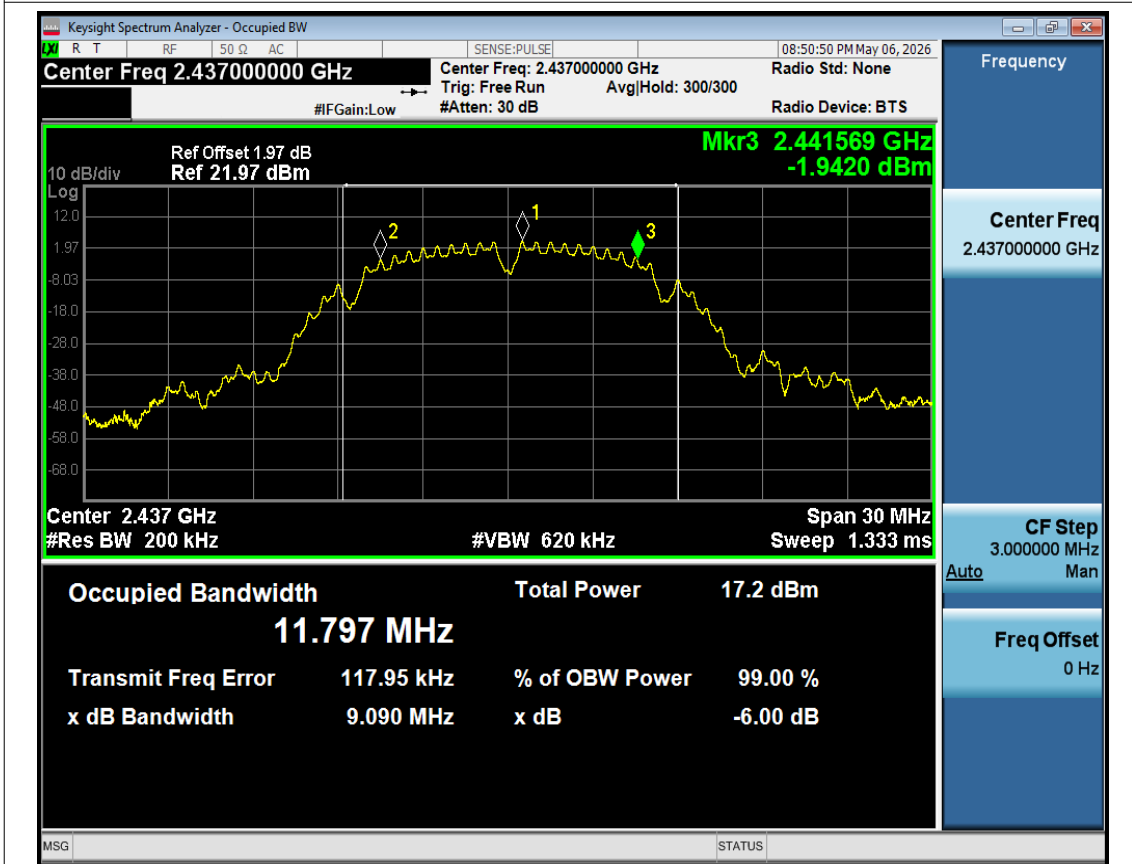
Average Power NVNT ax40 2452MHz Ant1

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.099	0.5	Pass
NVNT	b	2437	Ant1	9.09	0.5	Pass
NVNT	b	2462	Ant1	9.5	0.5	Pass
NVNT	g	2412	Ant1	16.14	0.5	Pass
NVNT	g	2437	Ant1	16.18	0.5	Pass
NVNT	g	2462	Ant1	16.16	0.5	Pass
NVNT	n20	2412	Ant1	16.8	0.5	Pass
NVNT	n20	2437	Ant1	17.23	0.5	Pass
NVNT	n20	2462	Ant1	16.88	0.5	Pass
NVNT	n40	2422	Ant1	35.92	0.5	Pass
NVNT	n40	2437	Ant1	35.49	0.5	Pass
NVNT	n40	2452	Ant1	34.26	0.5	Pass
NVNT	ax20	2412	Ant1	17.14	0.5	Pass
NVNT	ax20	2437	Ant1	17.17	0.5	Pass
NVNT	ax20	2462	Ant1	16.95	0.5	Pass
NVNT	ax40	2422	Ant1	36.02	0.5	Pass
NVNT	ax40	2437	Ant1	35.7	0.5	Pass
NVNT	ax40	2452	Ant1	35.3	0.5	Pass



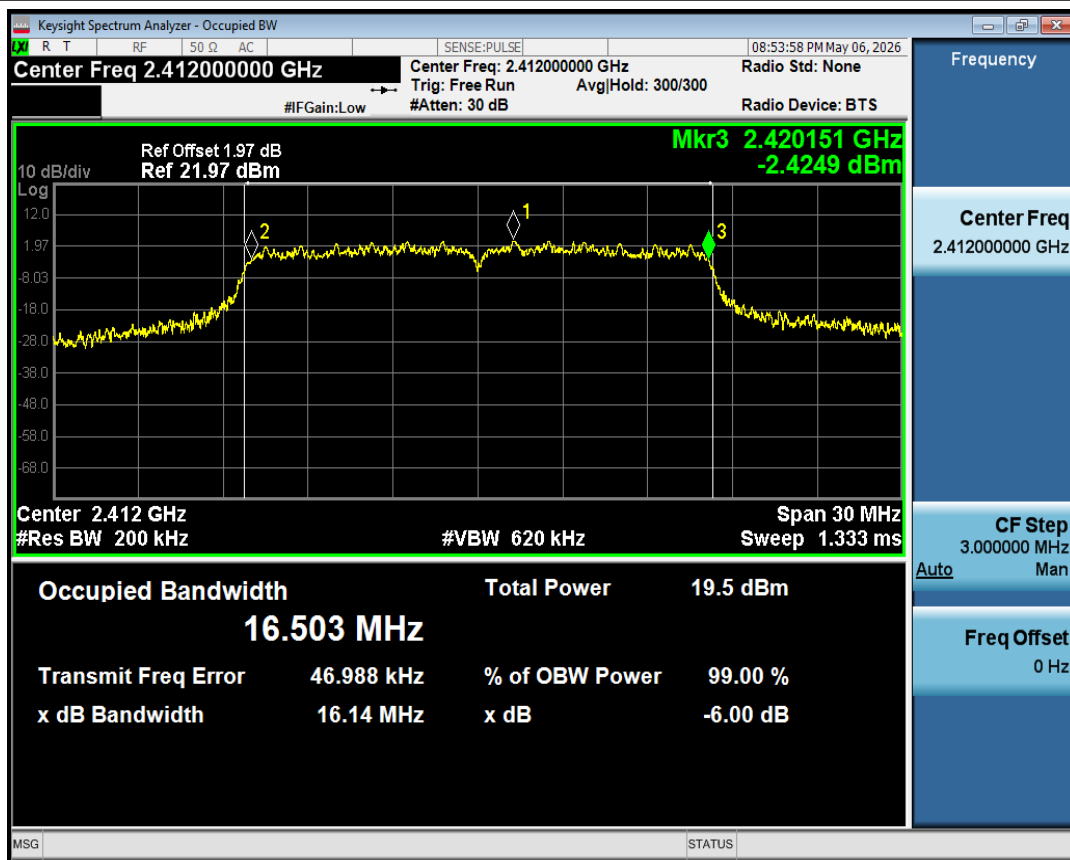
-6dB Bandwidth NVNT b 2412MHz Ant1



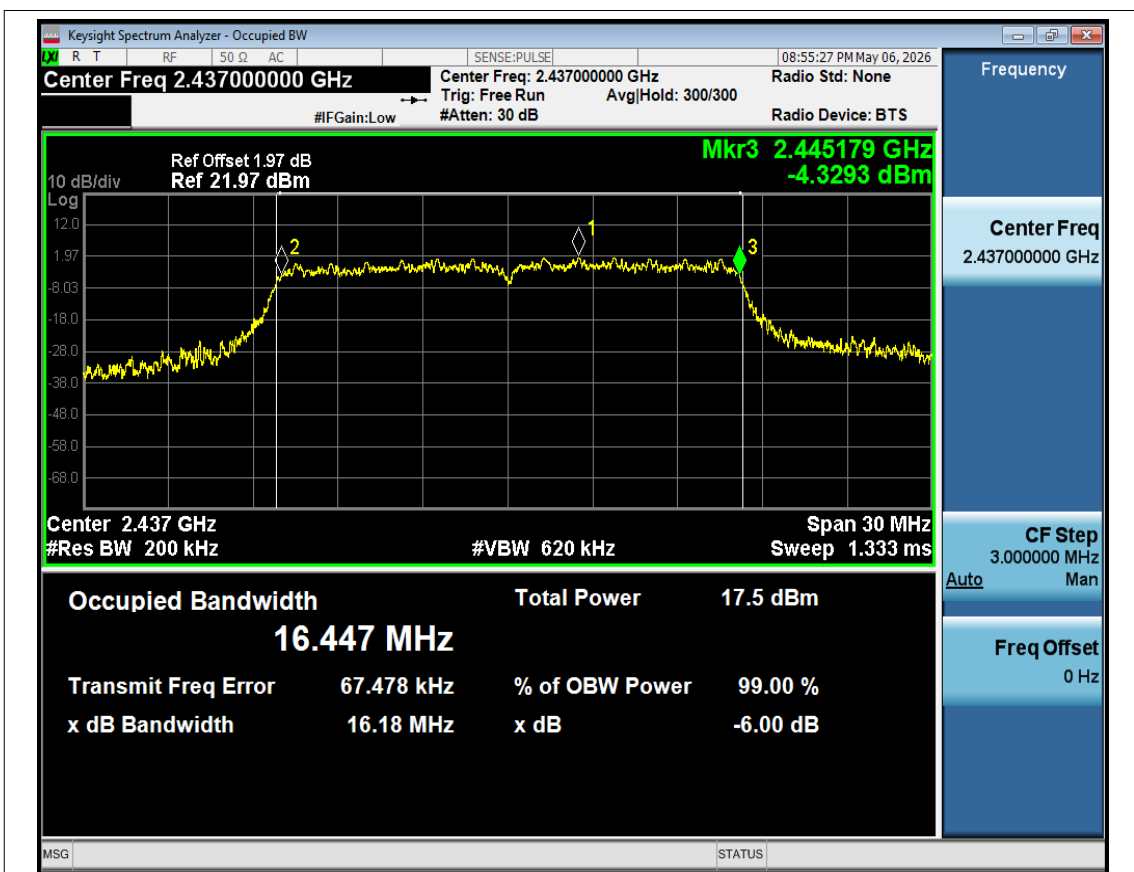
-6dB Bandwidth NVNT b 2437MHz Ant1



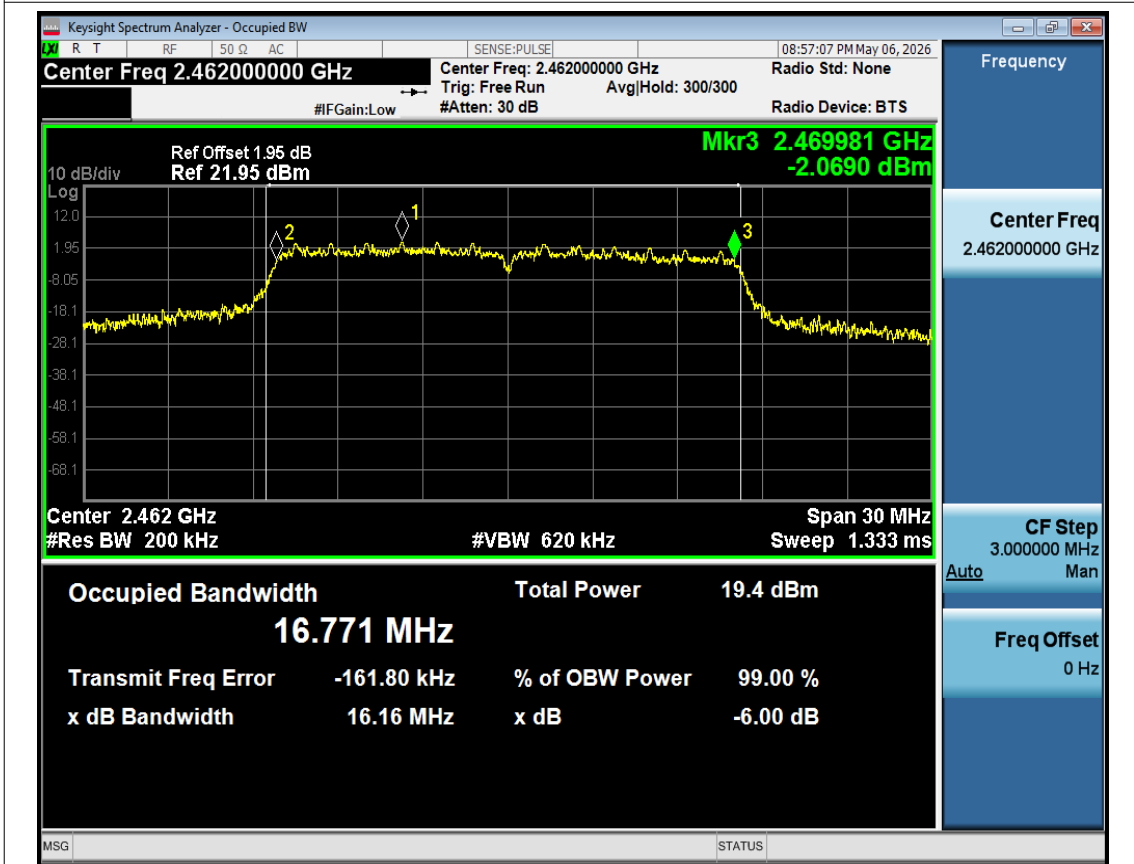
-6dB Bandwidth NVNT b 2462MHz Ant1



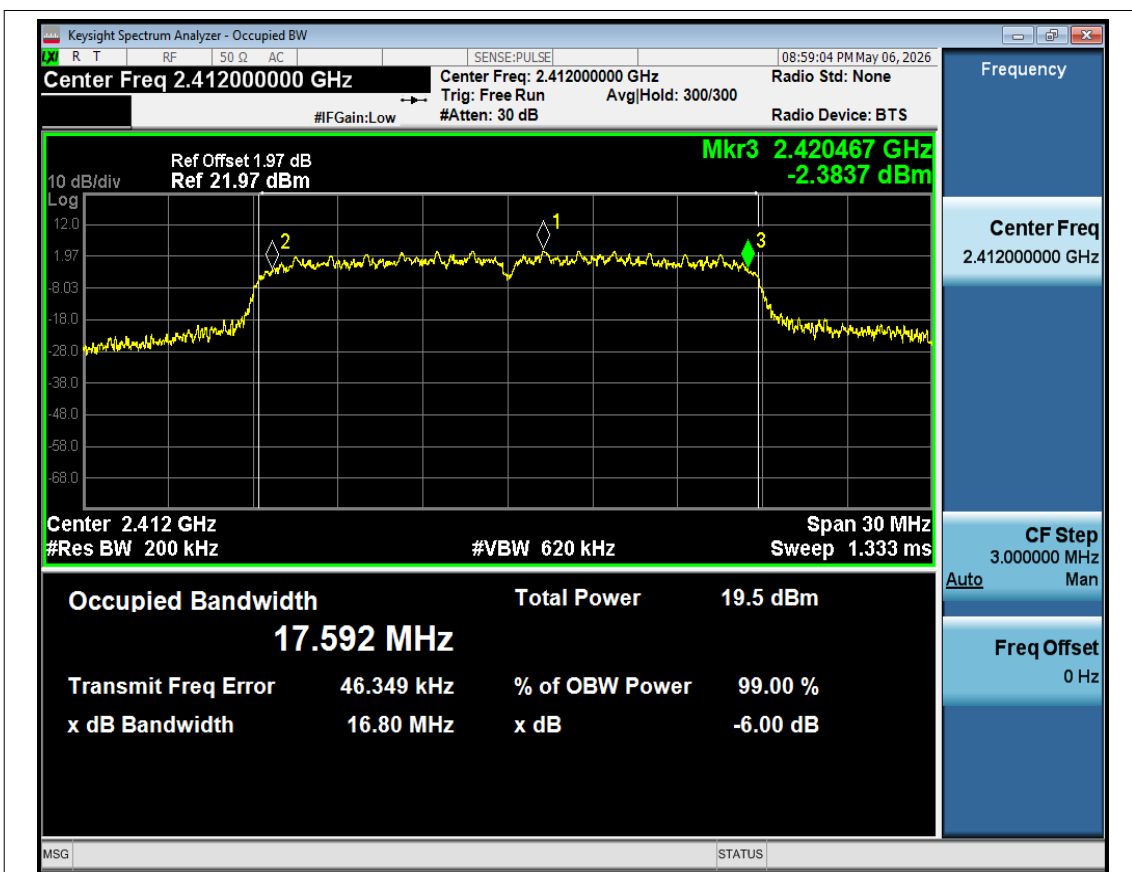
-6dB Bandwidth NVNT g 2412MHz Ant1



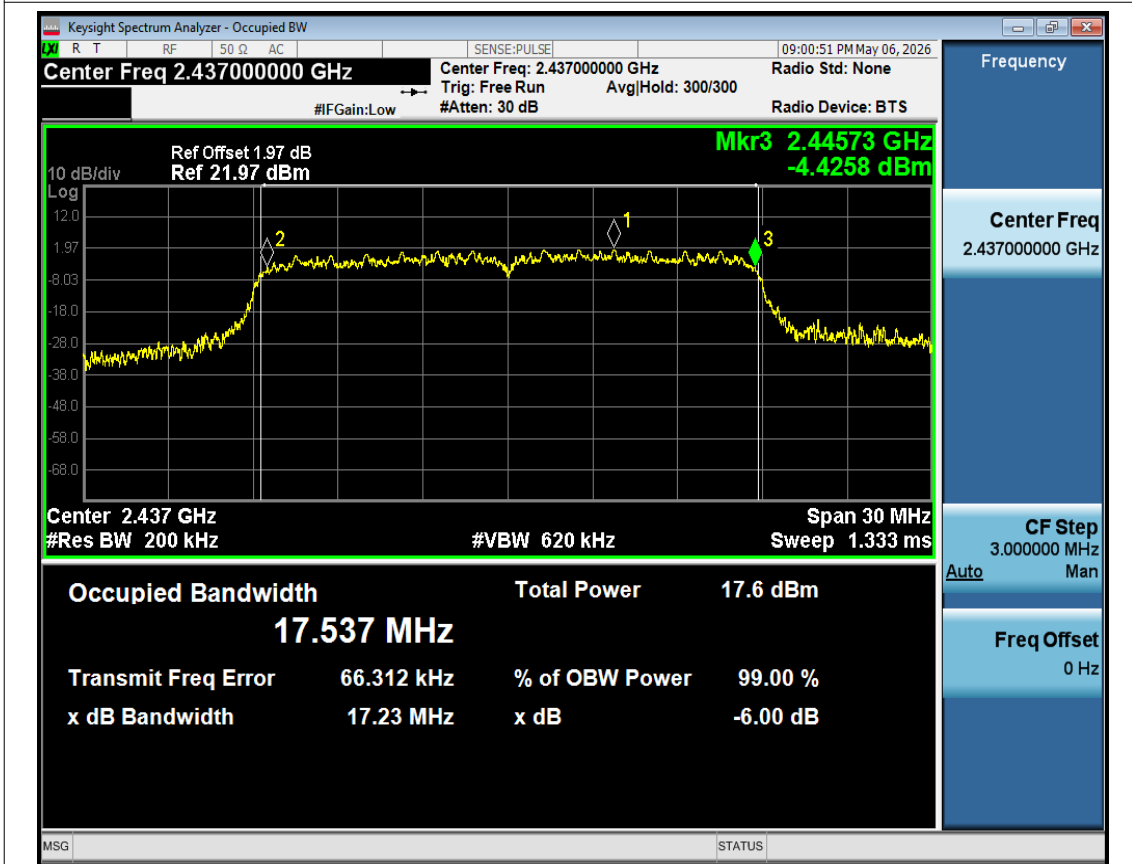
-6dB Bandwidth NVNT g 2437MHz Ant1



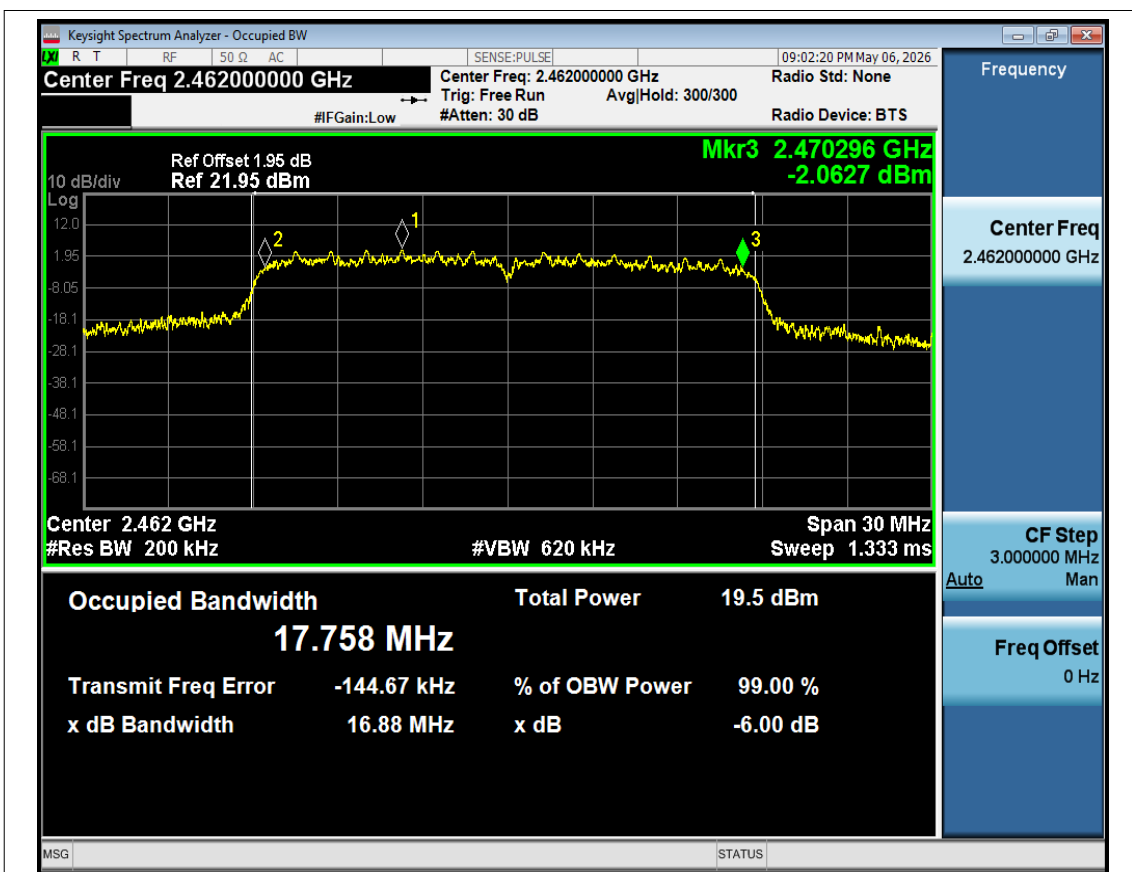
-6dB Bandwidth NVNT g 2462MHz Ant1



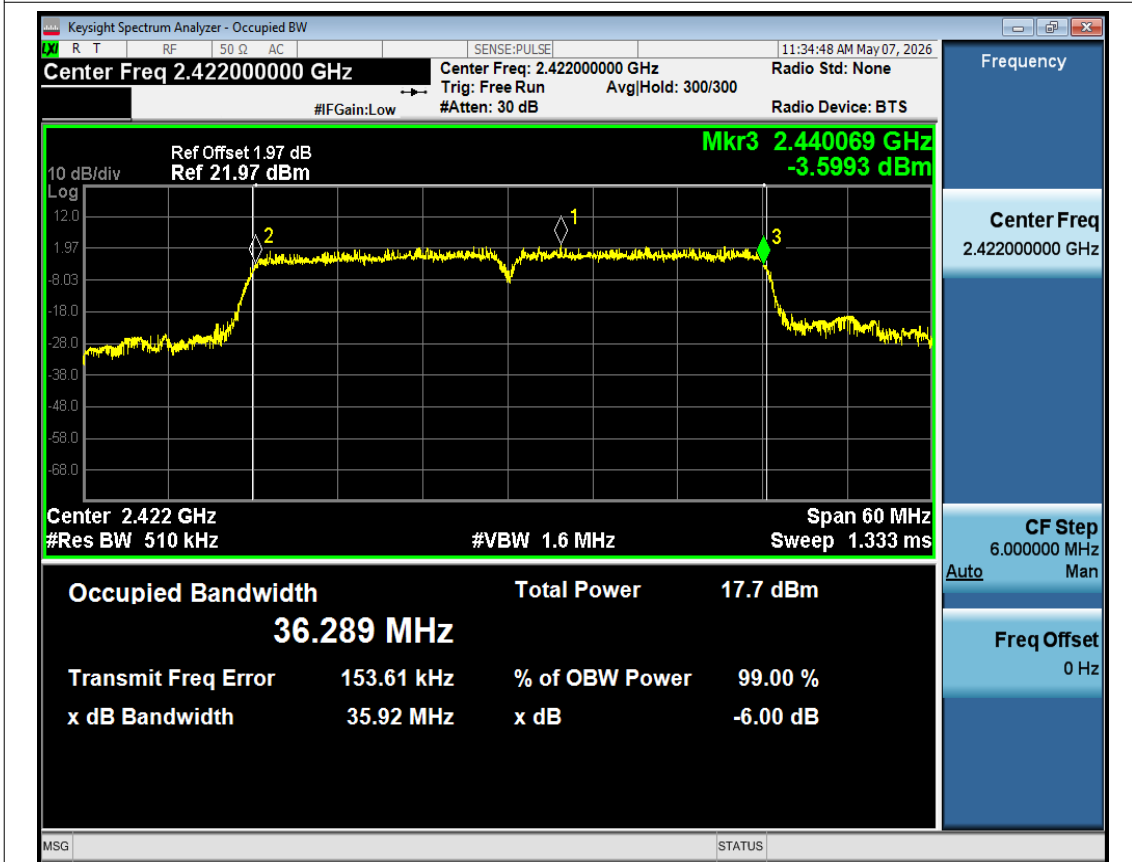
-6dB Bandwidth NVNT n20 2412MHz Ant1



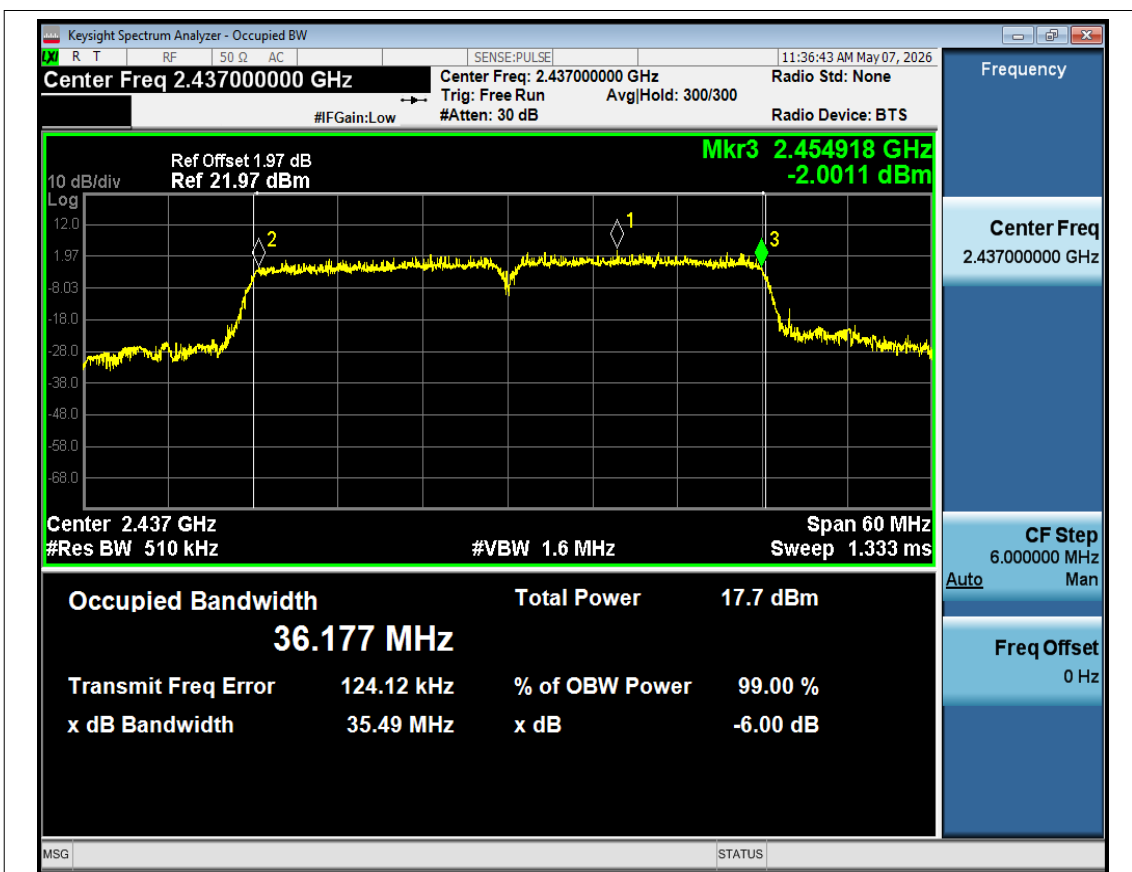
-6dB Bandwidth NVNT n20 2437MHz Ant1



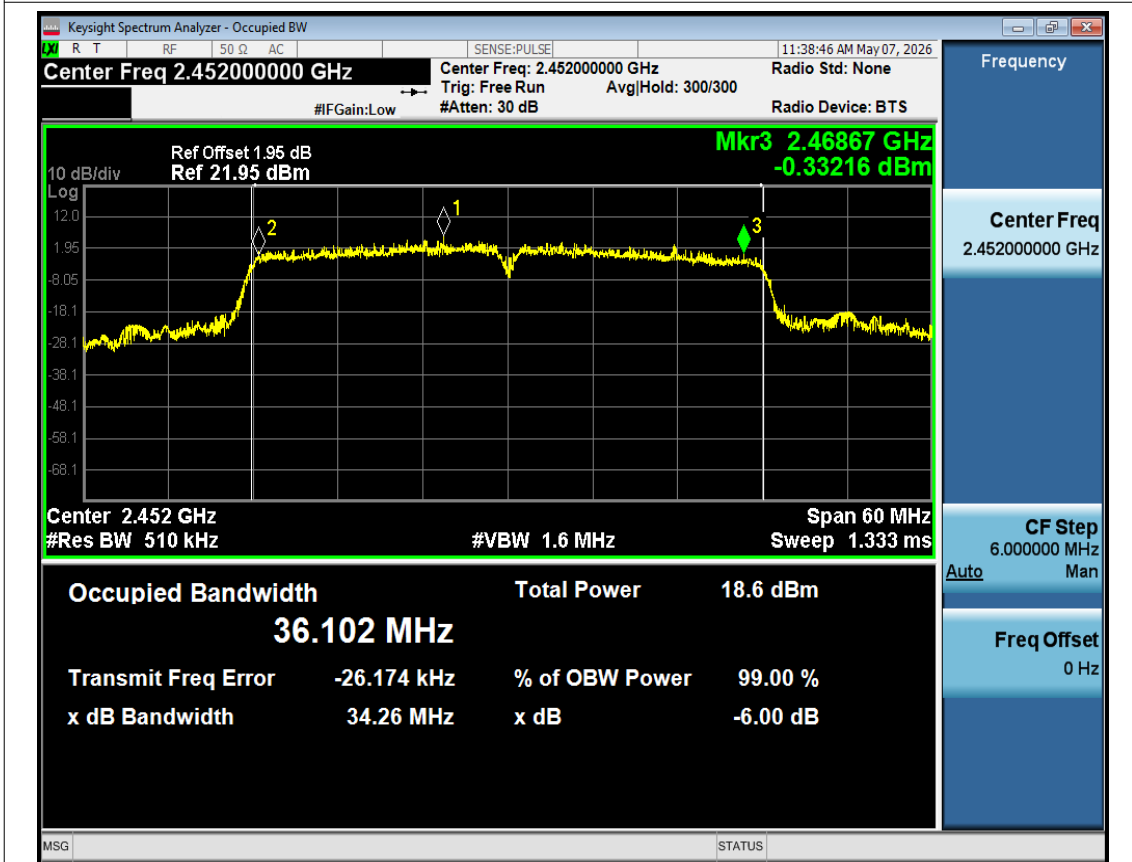
-6dB Bandwidth NVNT n20 2462MHz Ant1



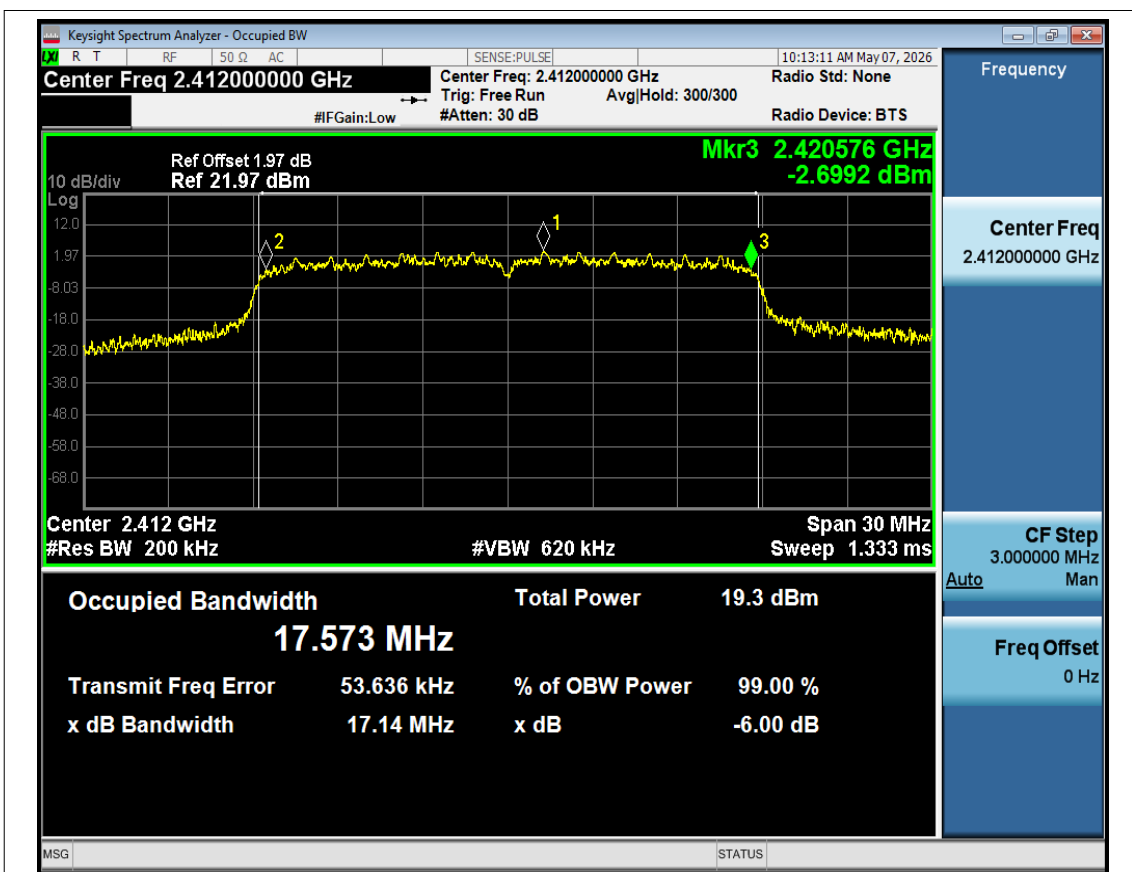
-6dB Bandwidth NVNT n40 2422MHz Ant1



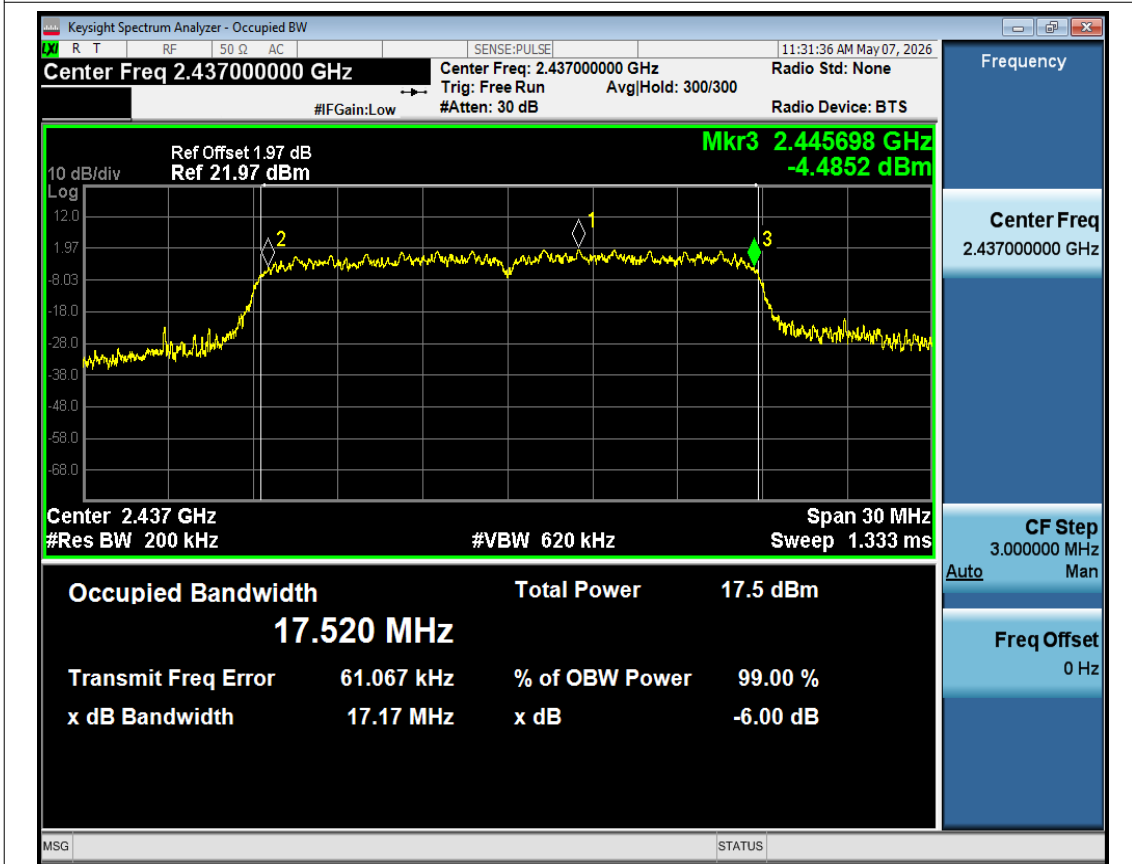
-6dB Bandwidth NVNT n40 2437MHz Ant1



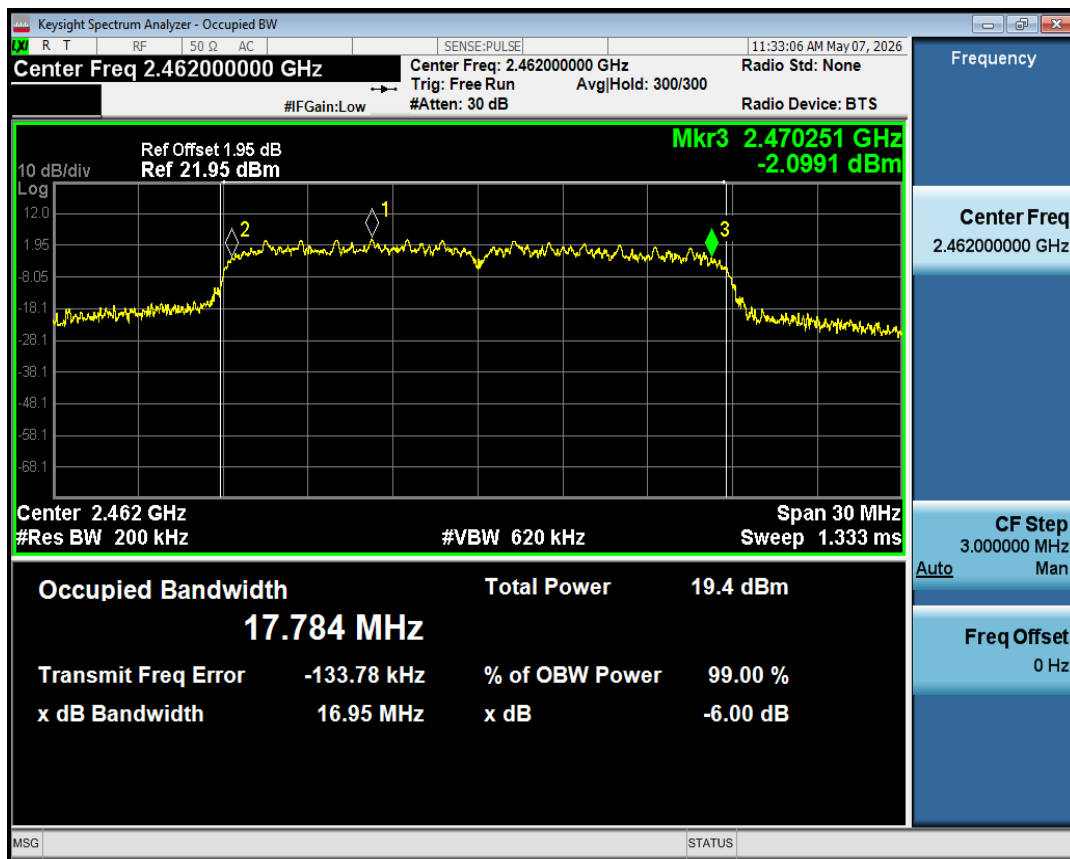
-6dB Bandwidth NVNT n40 2452MHz Ant1



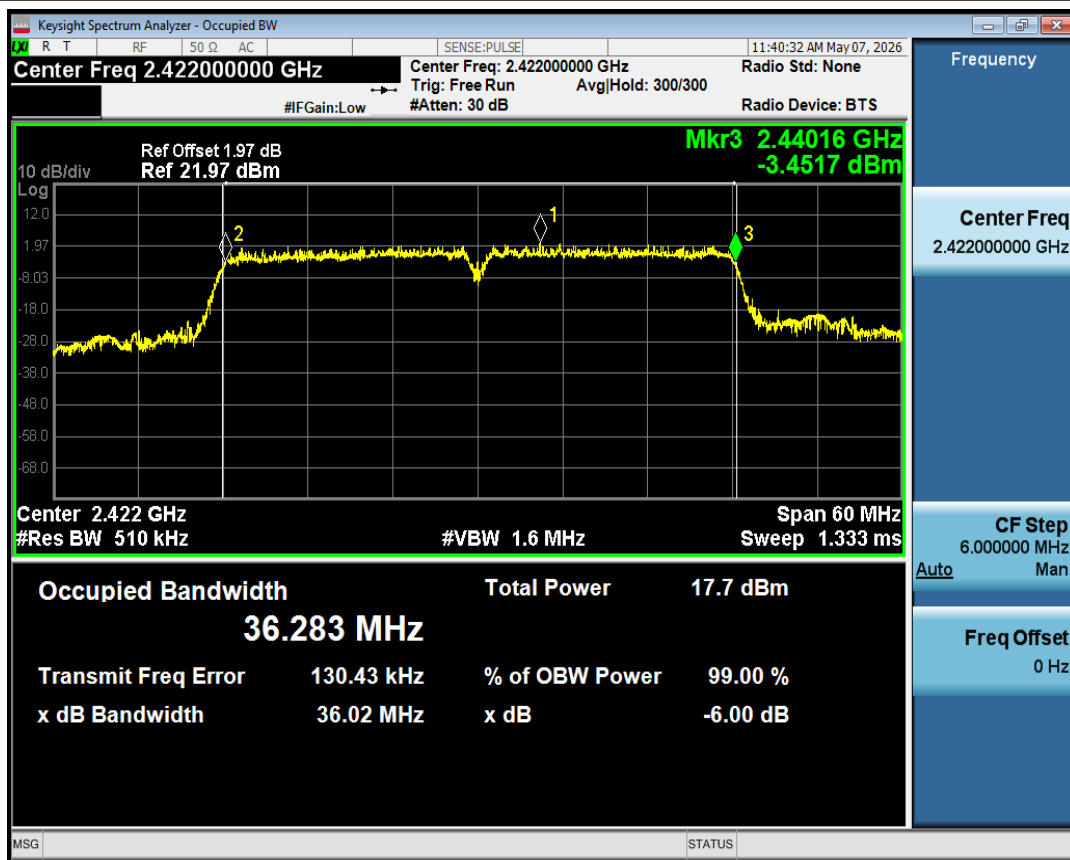
-6dB Bandwidth NVNT ax20 2412MHz Ant1



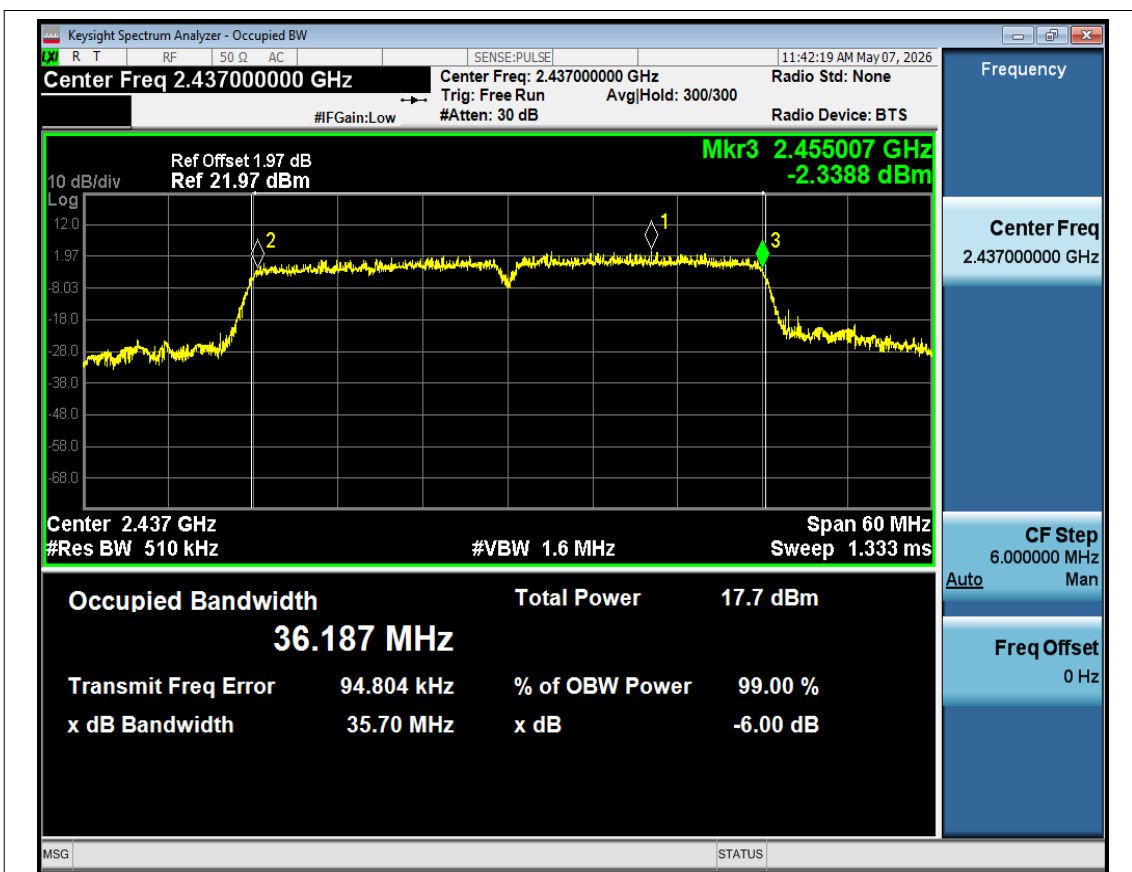
-6dB Bandwidth NVNT ax20 2437MHz Ant1



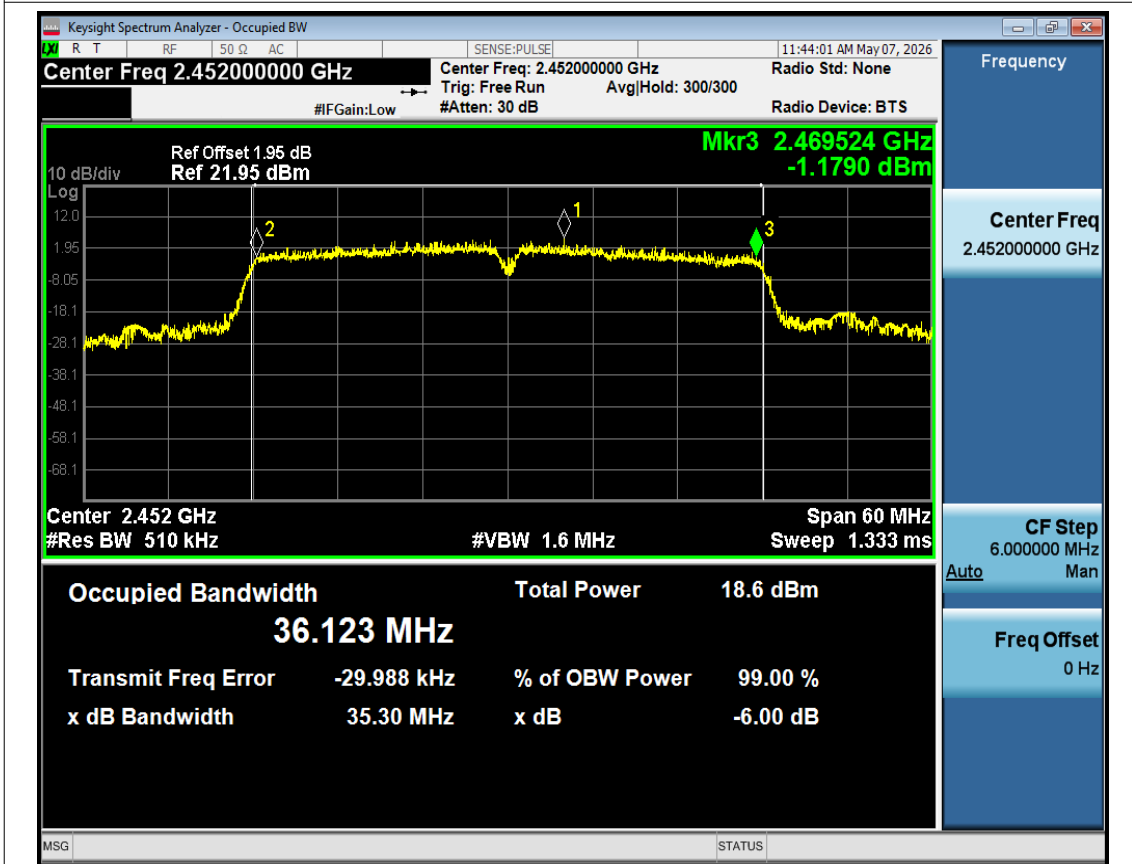
-6dB Bandwidth NVNT ax20 2462MHz Ant1



-6dB Bandwidth NVNT ax40 2422MHz Ant1



-6dB Bandwidth NVNT ax40 2437MHz Ant1



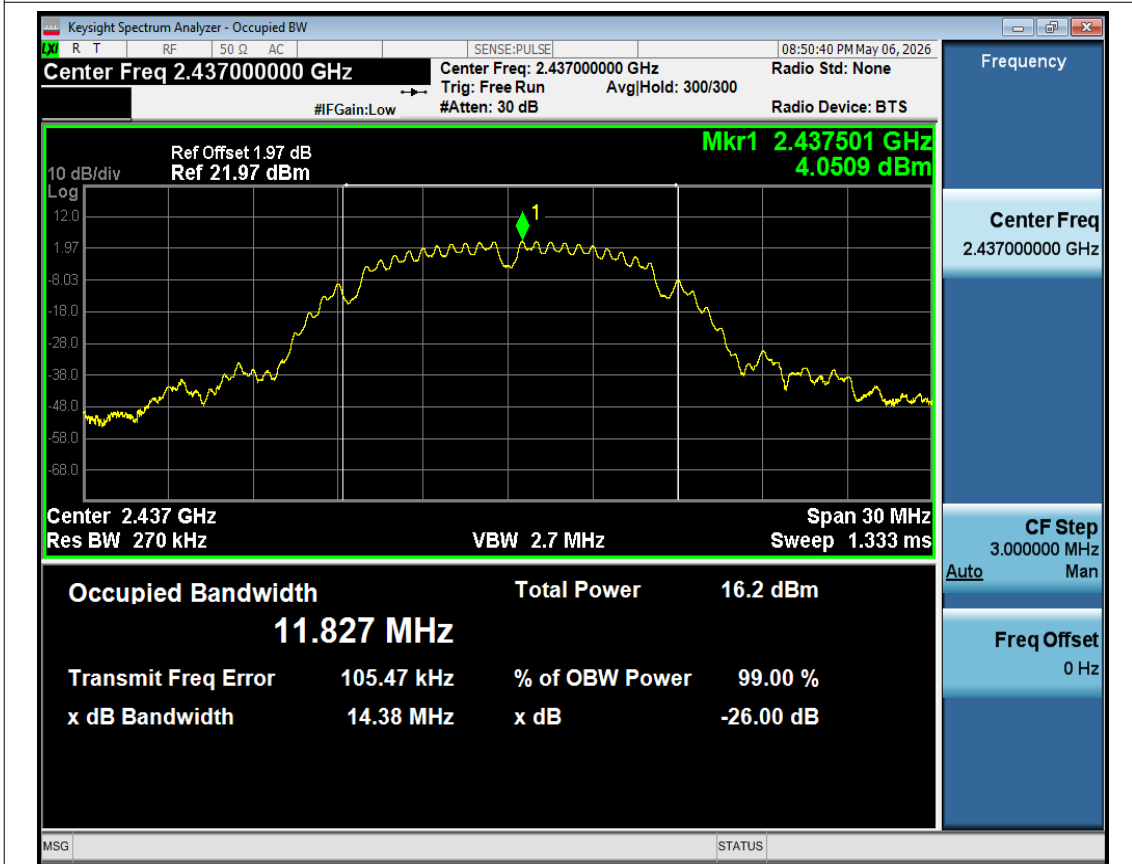
-6dB Bandwidth NVNT ax40 2452MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.119
NVNT	b	2437	Ant1	11.827
NVNT	b	2462	Ant1	12.4
NVNT	g	2412	Ant1	16.612
NVNT	g	2437	Ant1	16.542
NVNT	g	2462	Ant1	16.923
NVNT	n20	2412	Ant1	17.63
NVNT	n20	2437	Ant1	17.59
NVNT	n20	2462	Ant1	17.84
NVNT	n40	2422	Ant1	36.319
NVNT	n40	2437	Ant1	36.19
NVNT	n40	2452	Ant1	36.169
NVNT	ax20	2412	Ant1	17.687
NVNT	ax20	2437	Ant1	17.615
NVNT	ax20	2462	Ant1	17.873
NVNT	ax40	2422	Ant1	36.329
NVNT	ax40	2437	Ant1	36.211
NVNT	ax40	2452	Ant1	36.134



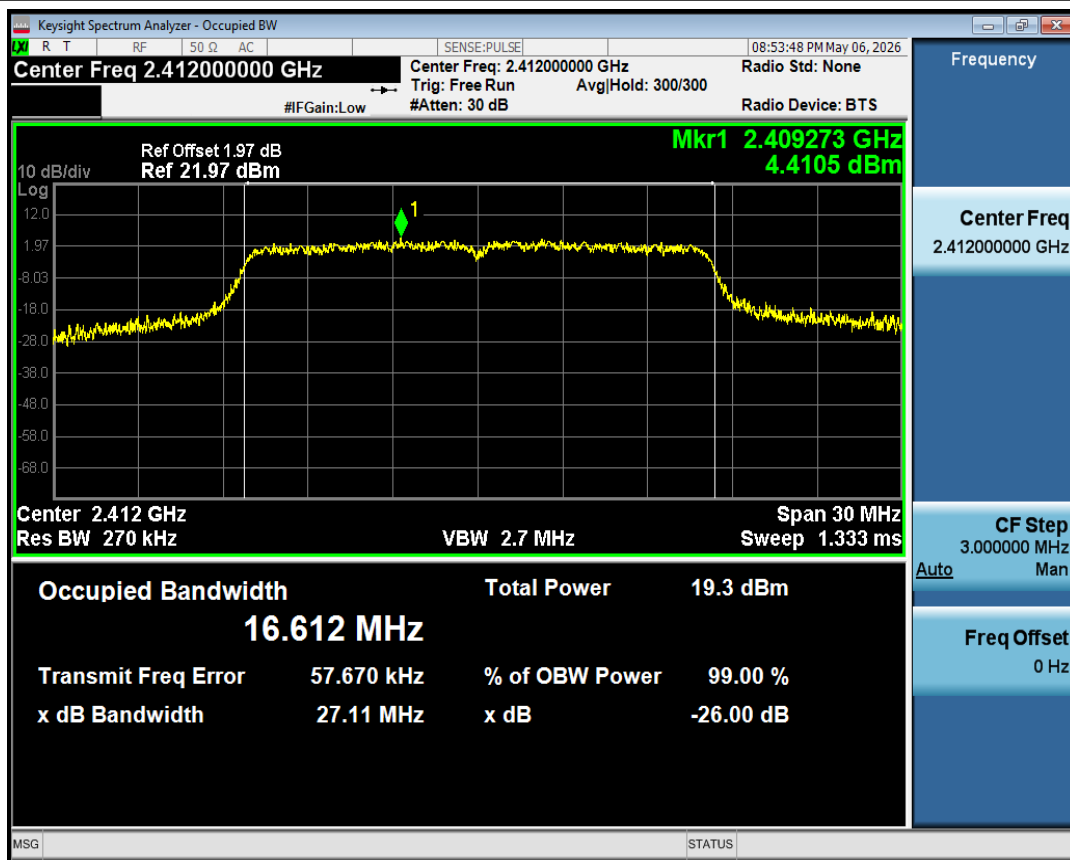
OBW NVNT b 2412MHz Ant1



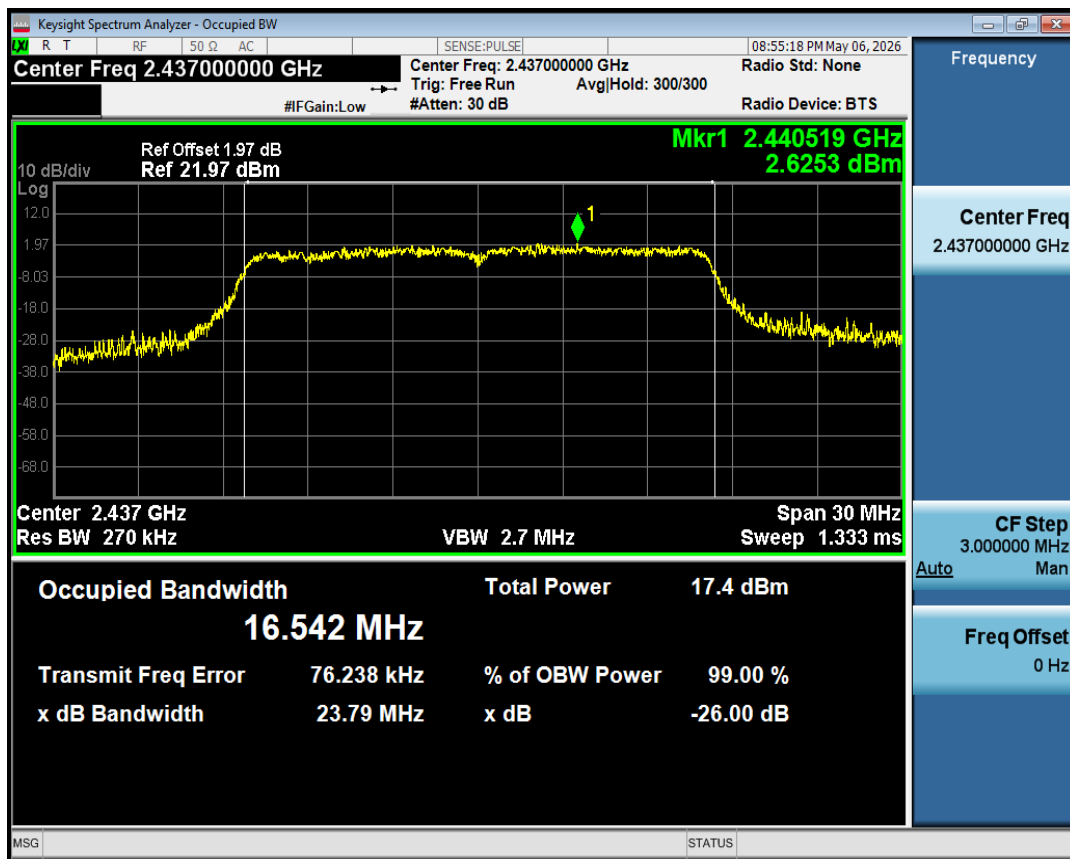
OBW NVNT b 2437MHz Ant1



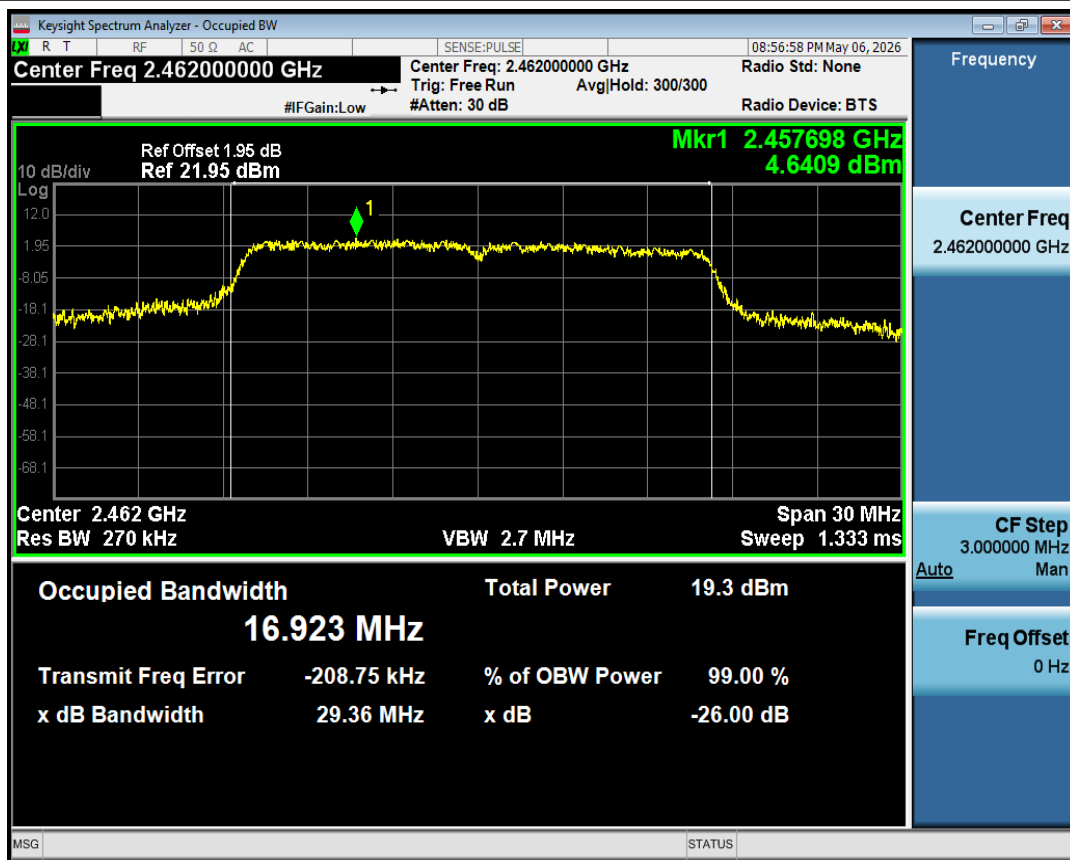
OBW NVNT b 2462MHz Ant1



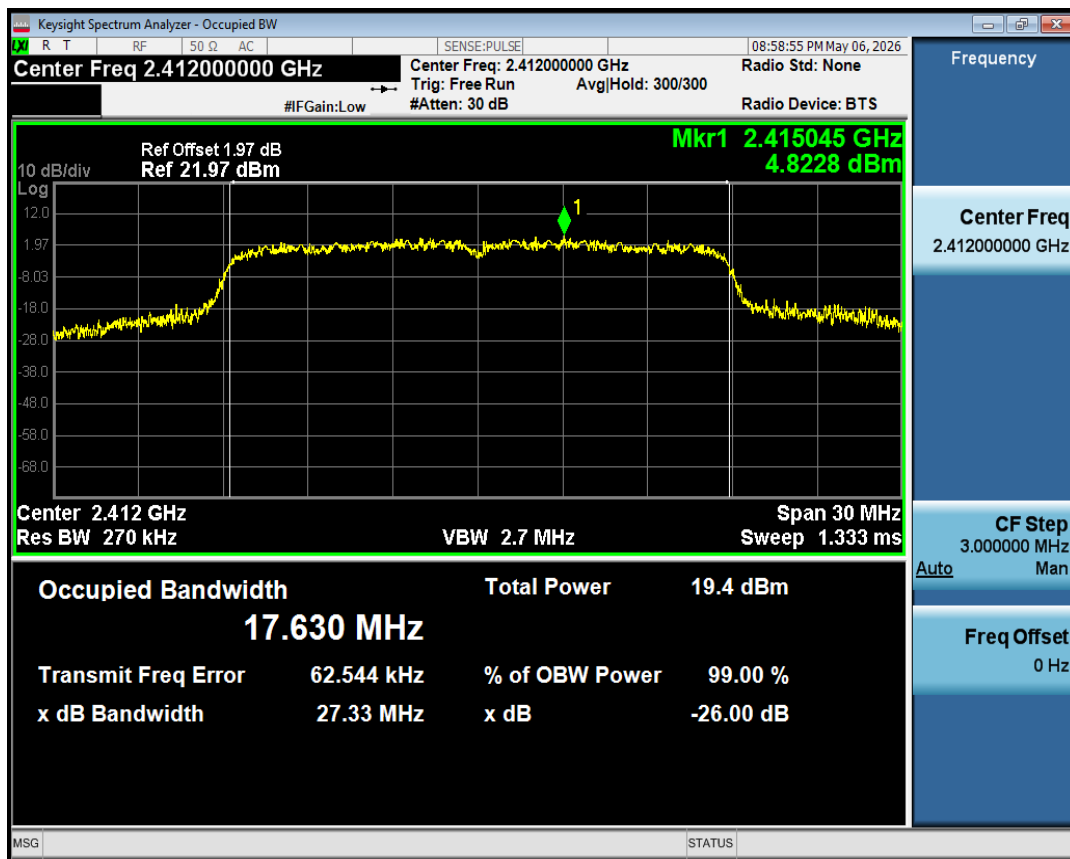
OBW NVNT g 2412MHz Ant1



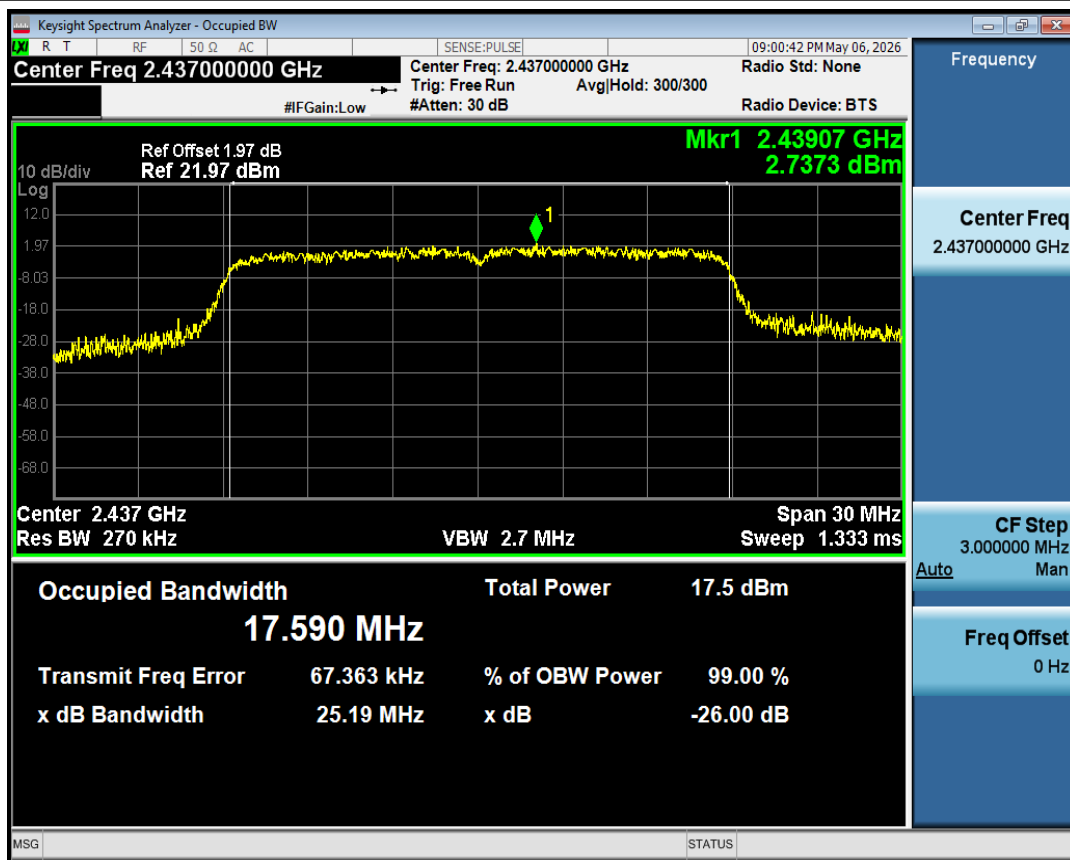
OBW NVNT g 2437MHz Ant1



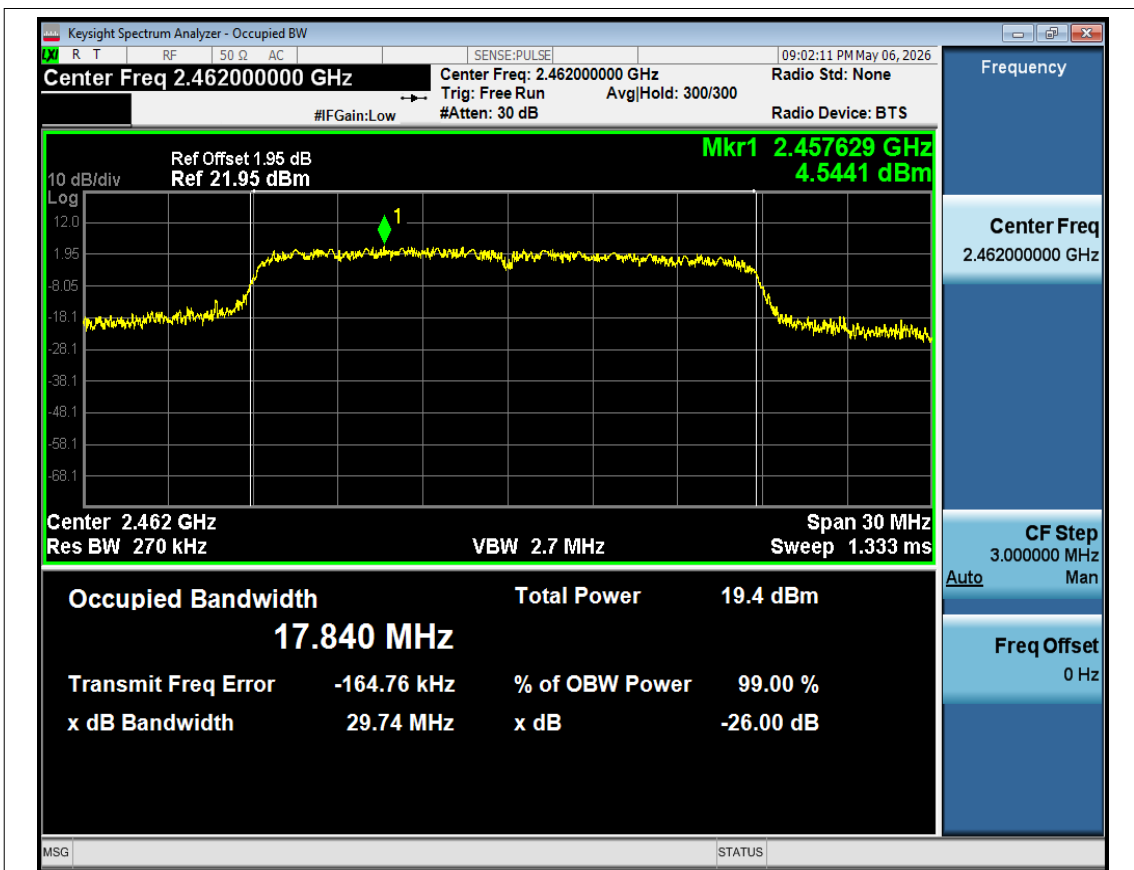
OBW NVNT g 2462MHz Ant1



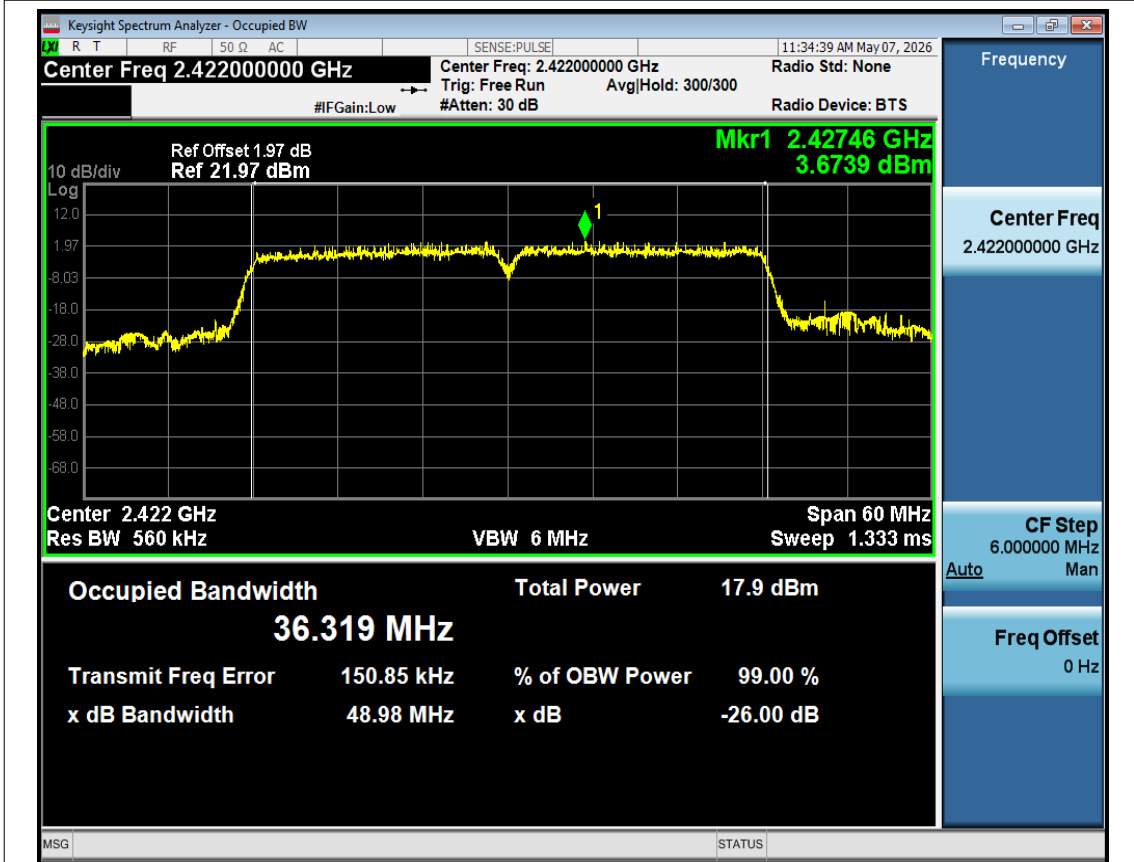
OBW NVNT n20 2412MHz Ant1



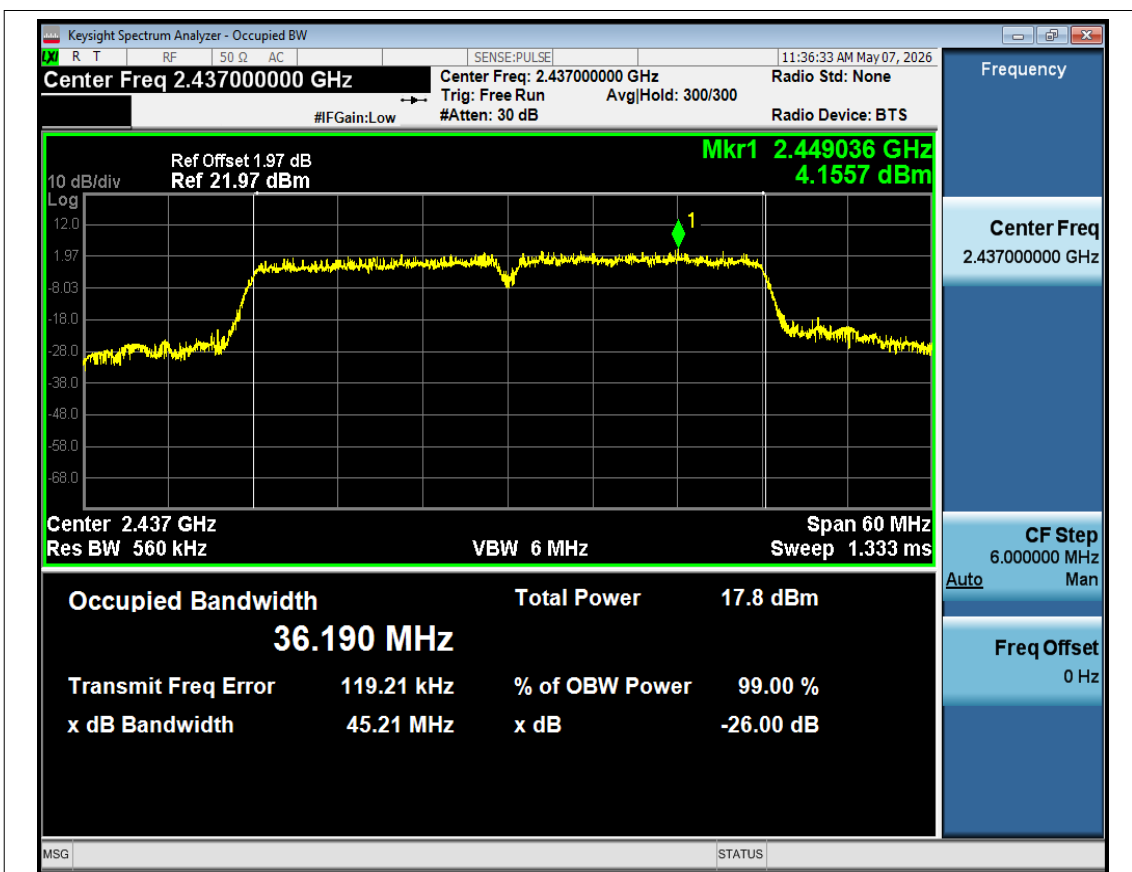
OBW NVNT n20 2437MHz Ant1



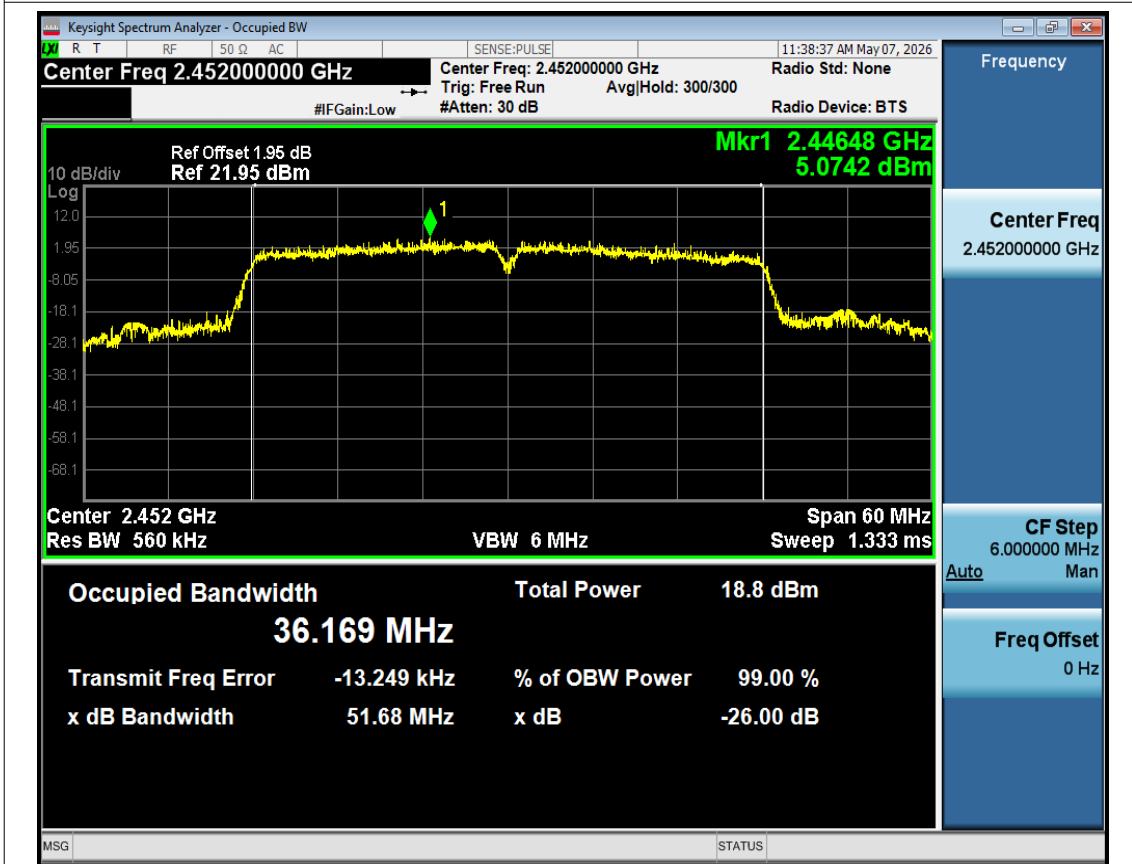
OBW NVNT n20 2462MHz Ant1



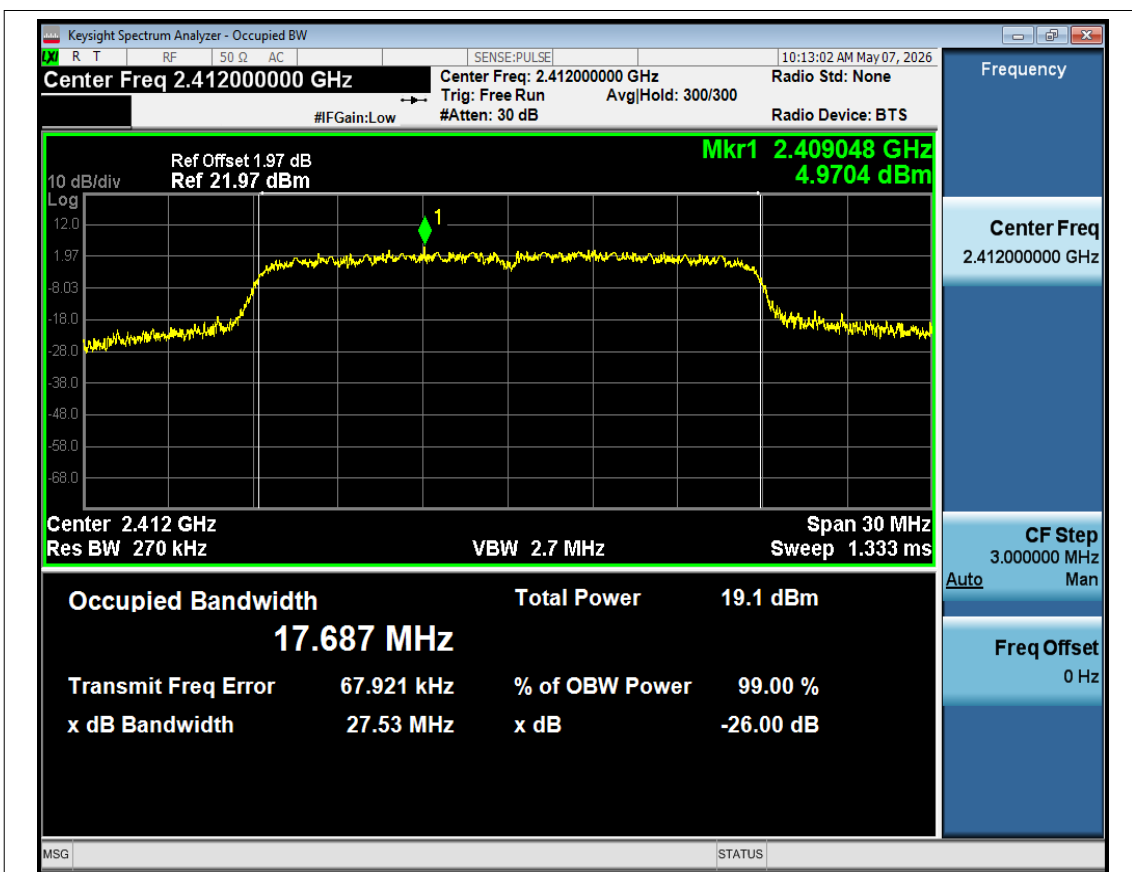
OBW NVNT n40 2422MHz Ant1



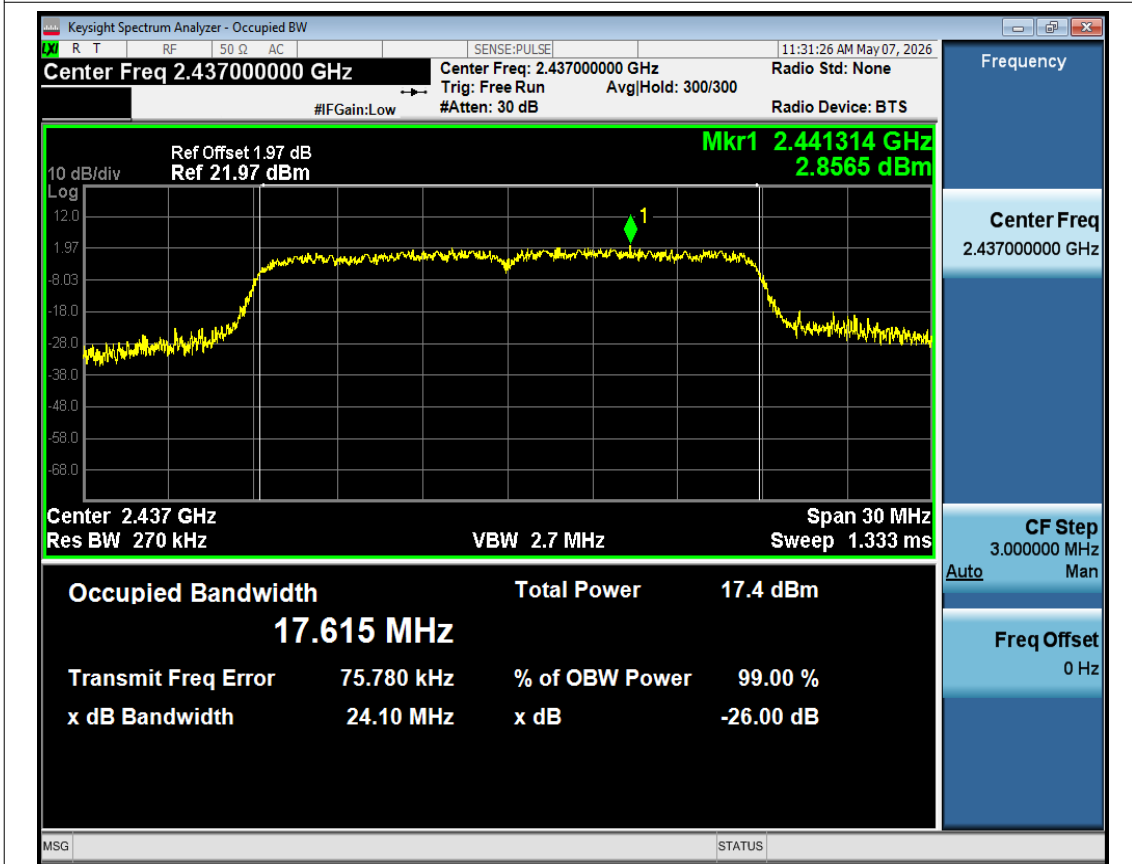
OBW NVNT n40 2437MHz Ant1



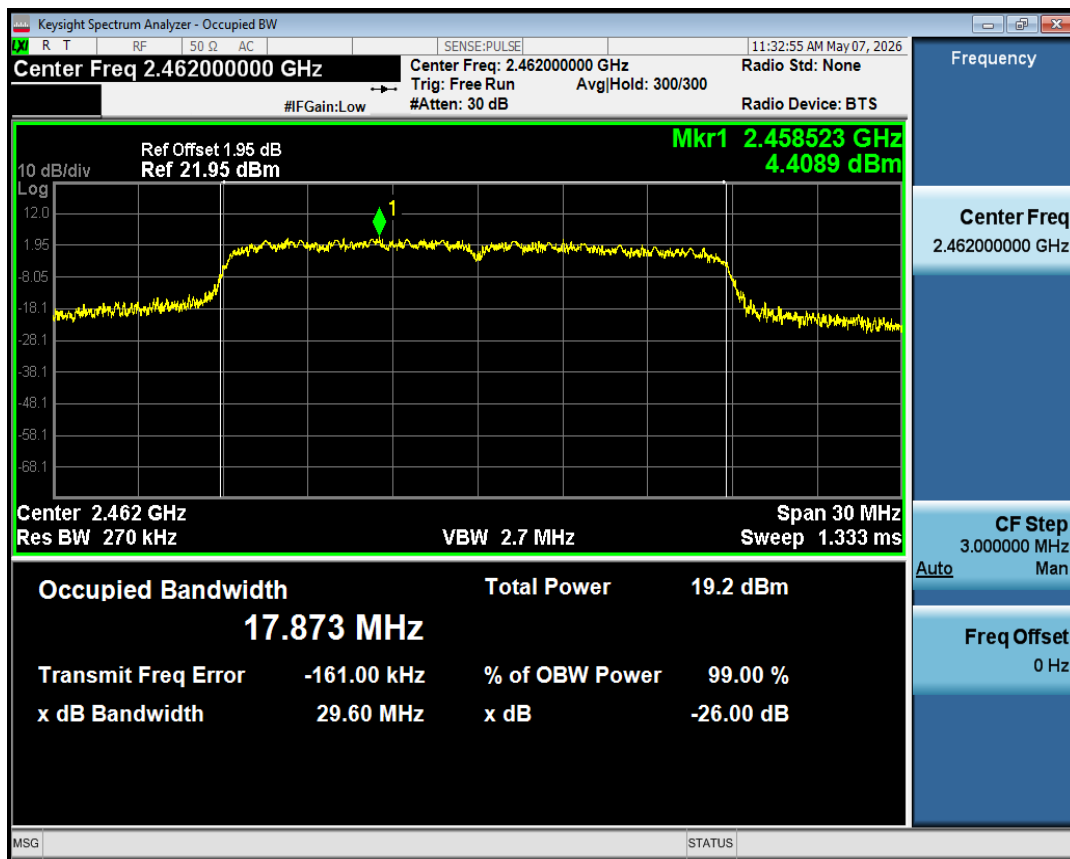
OBW NVNT n40 2452MHz Ant1



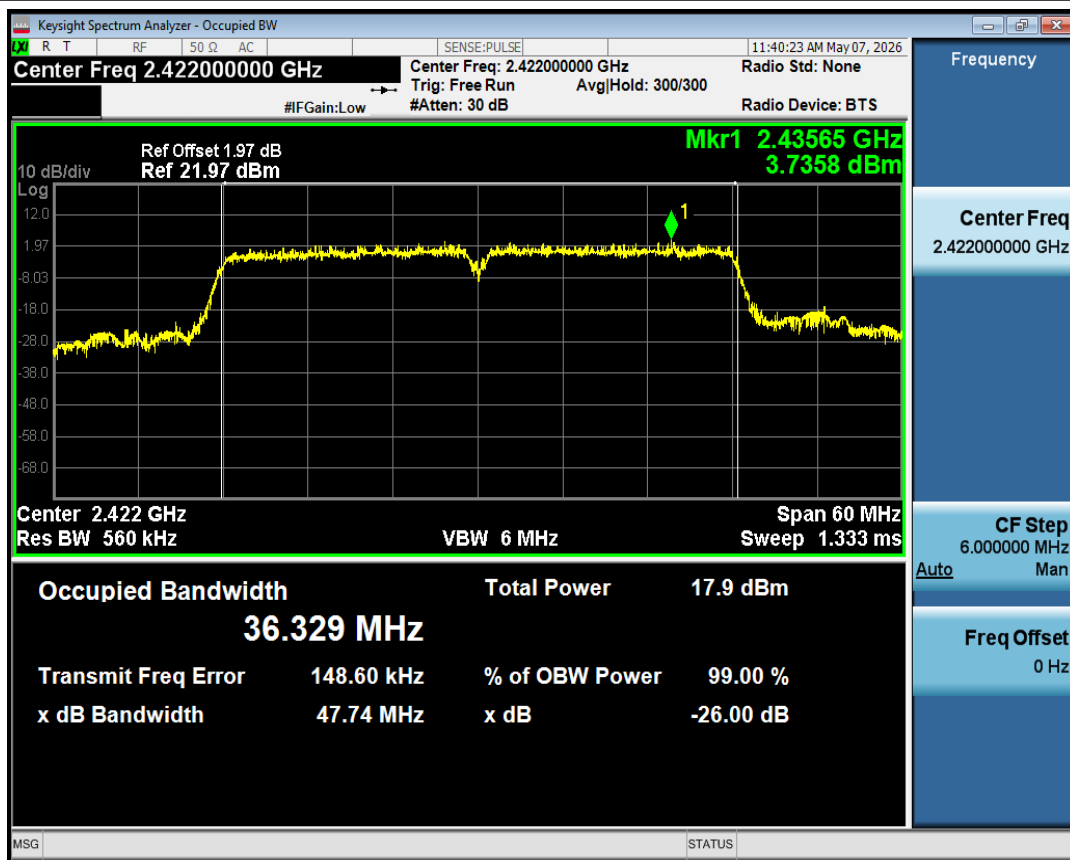
OBW NVNT ax20 2412MHz Ant1



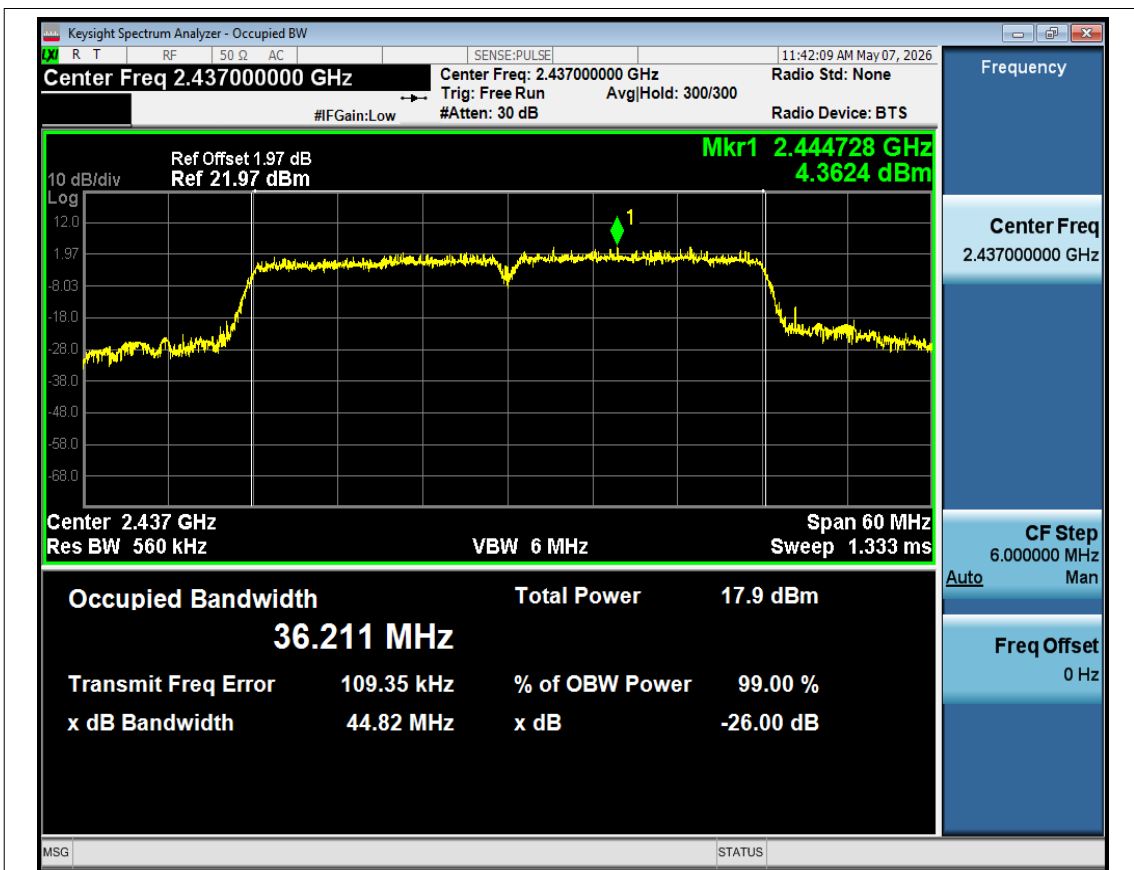
OBW NVNT ax20 2437MHz Ant1



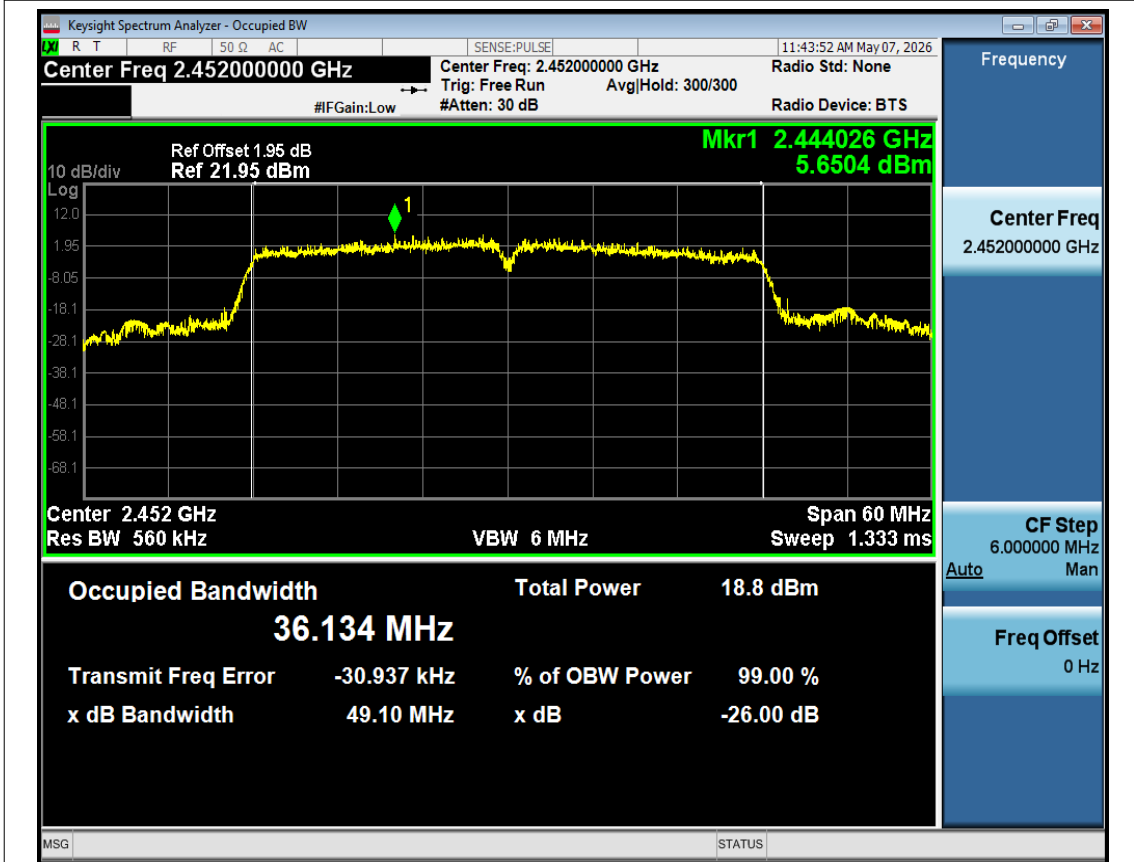
OBW NVNT ax20 2462MHz Ant1



OBW NVNT ax40 2422MHz Ant1



OBW NVNT ax40 2437MHz Ant1



OBW NVNT ax40 2452MHz Ant1

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-17.65	0.52	-17.13	8	Pass
NVNT	b	2437	Ant1	-19.91	0.6	-19.31	8	Pass
NVNT	b	2462	Ant1	-18.29	0.51	-17.78	8	Pass
NVNT	g	2412	Ant1	-21.09	2.49	-18.6	8	Pass
NVNT	g	2437	Ant1	-22.33	2.49	-19.84	8	Pass
NVNT	g	2462	Ant1	-20.77	2.49	-18.28	8	Pass
NVNT	n20	2412	Ant1	-21.56	2.45	-19.11	8	Pass
NVNT	n20	2437	Ant1	-22.99	2.49	-20.5	8	Pass
NVNT	n20	2462	Ant1	-21.35	2.49	-18.86	8	Pass
NVNT	n40	2422	Ant1	-26.58	3.39	-23.19	8	Pass
NVNT	n40	2437	Ant1	-26.2	3.34	-22.86	8	Pass
NVNT	n40	2452	Ant1	-25.51	4.02	-21.49	8	Pass
NVNT	ax20	2412	Ant1	-21.97	2.49	-19.48	8	Pass
NVNT	ax20	2437	Ant1	-23.75	2.49	-21.26	8	Pass
NVNT	ax20	2462	Ant1	-21.19	2.49	-18.7	8	Pass
NVNT	ax40	2422	Ant1	-26.74	3.46	-23.28	8	Pass
NVNT	ax40	2437	Ant1	-26	3.34	-22.66	8	Pass
NVNT	ax40	2452	Ant1	-25.34	3.39	-21.95	8	Pass
Remark: $PSD(dBm/3kHz) = PSD(dBm/30kHz) - 10\log(30kHz/3kHz)$								



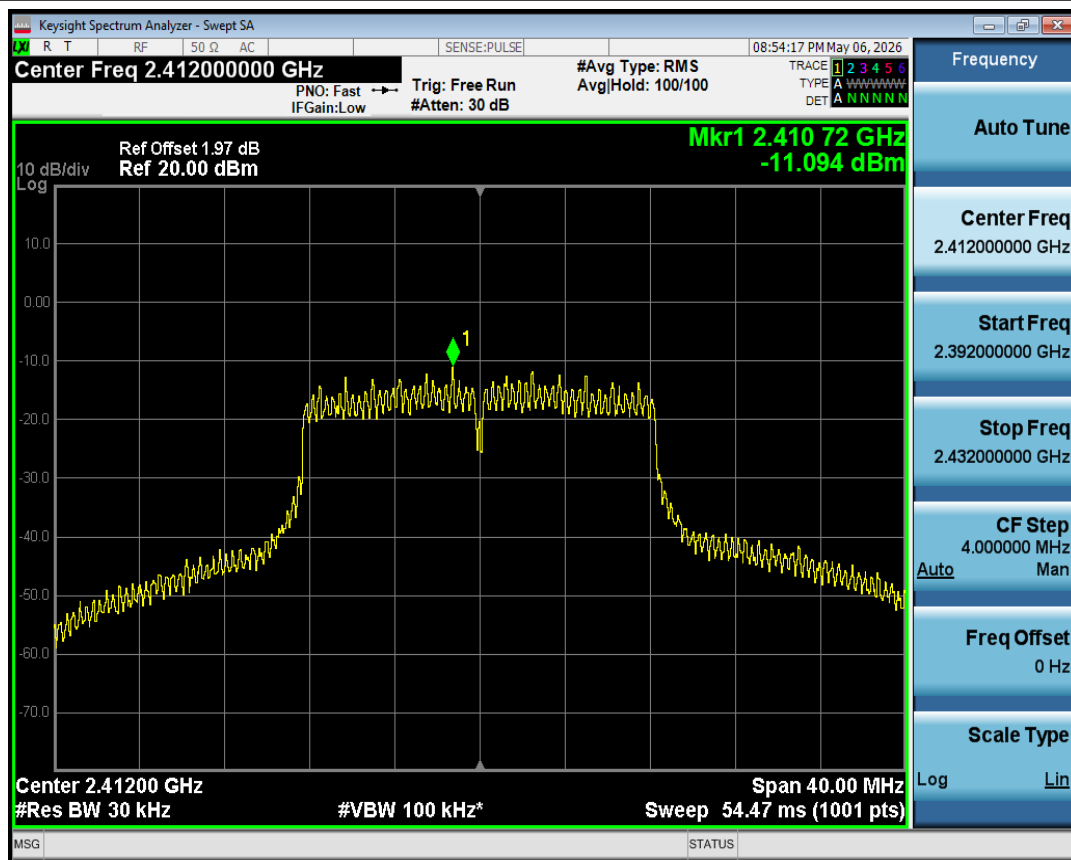
PSD NVNT b 2412MHz Ant1



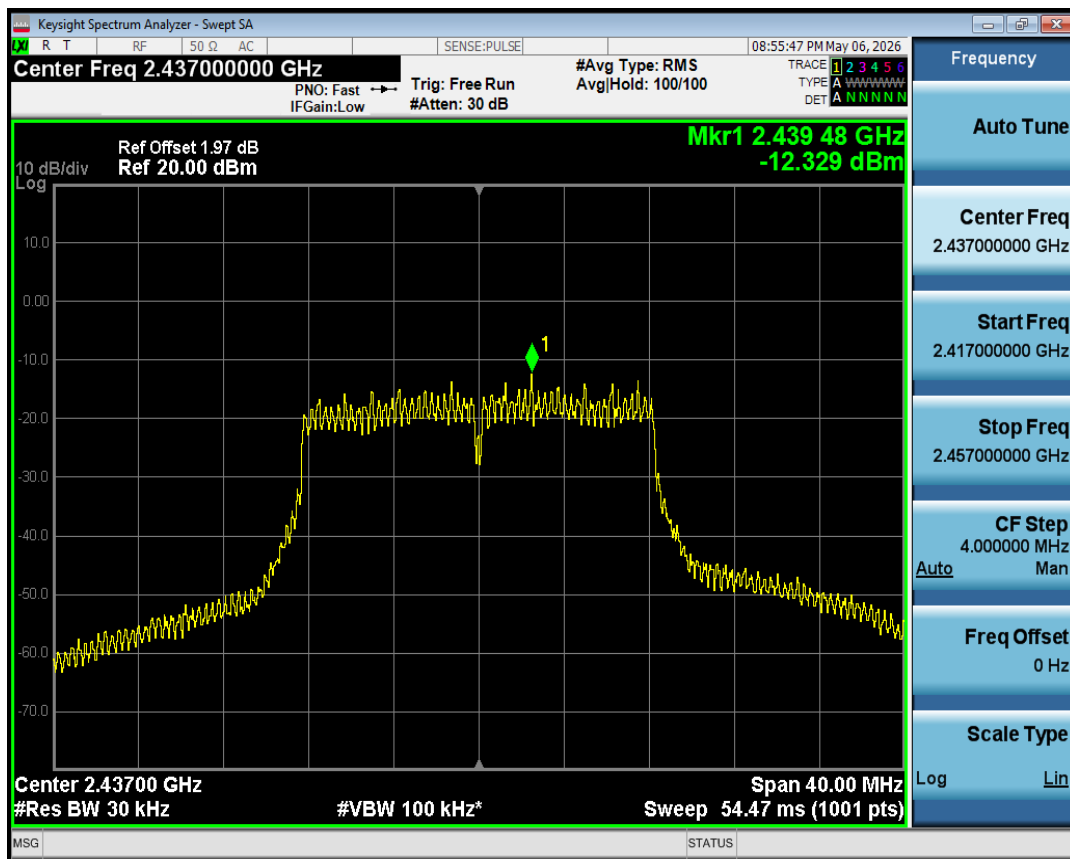
PSD NVNT b 2437MHz Ant1



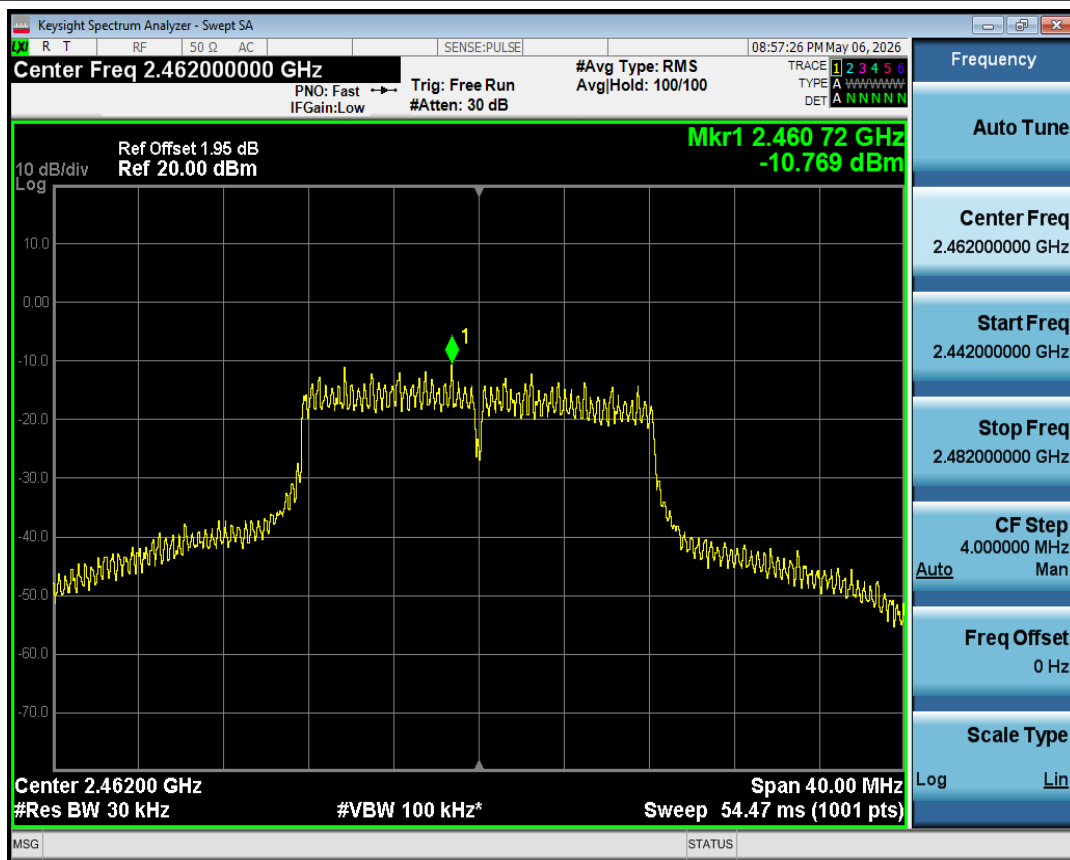
PSD NVNT b 2462MHz Ant1



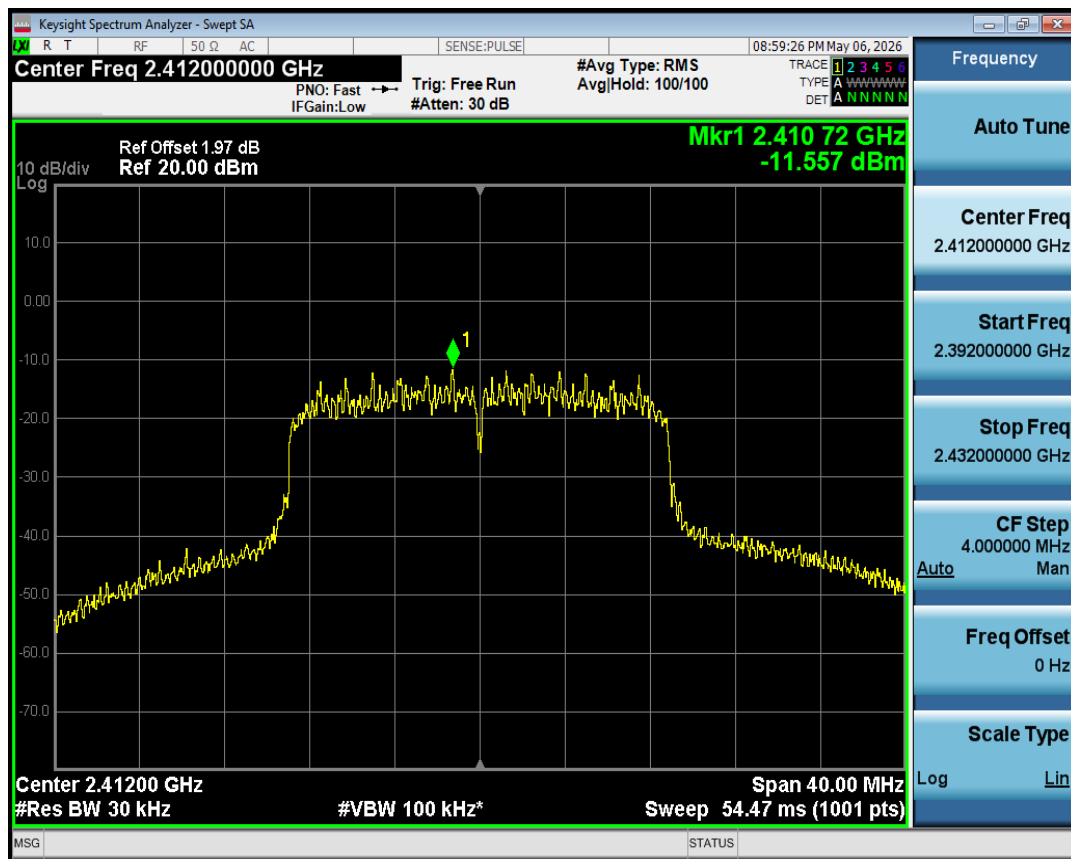
PSD NVNT g 2412MHz Ant1



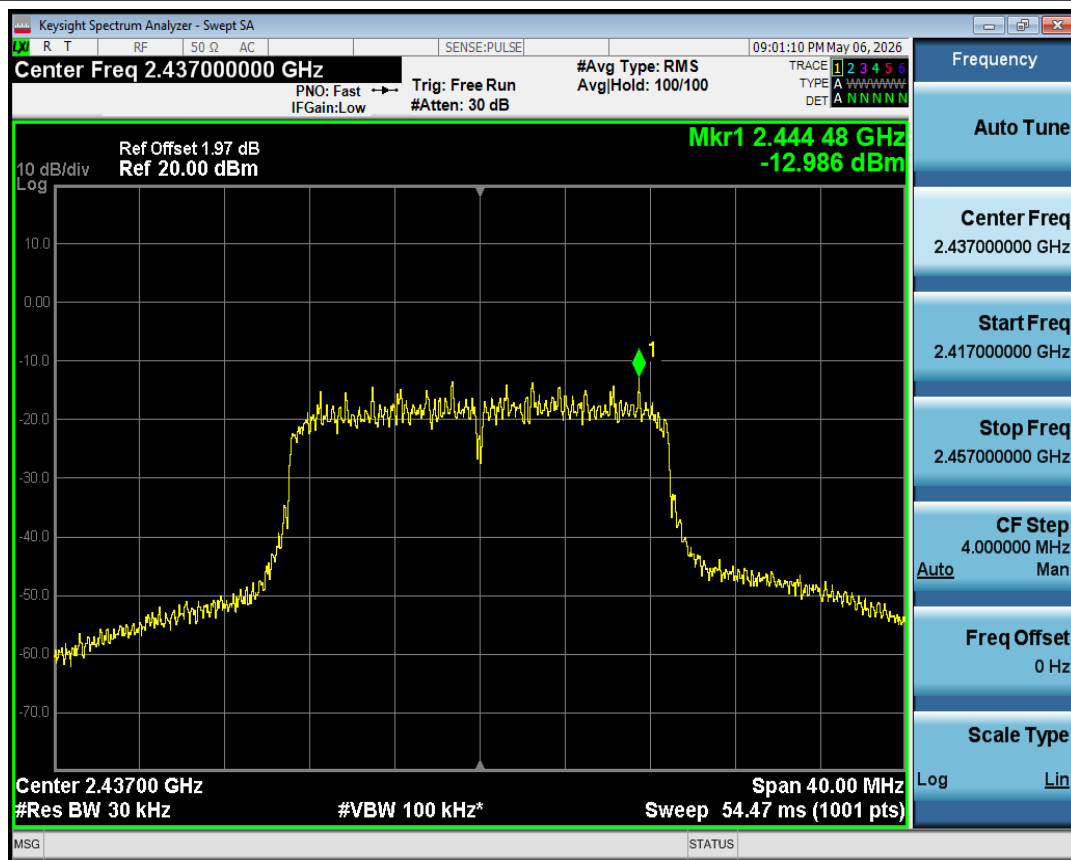
PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1



PSD NVNT n20 2412MHz Ant1



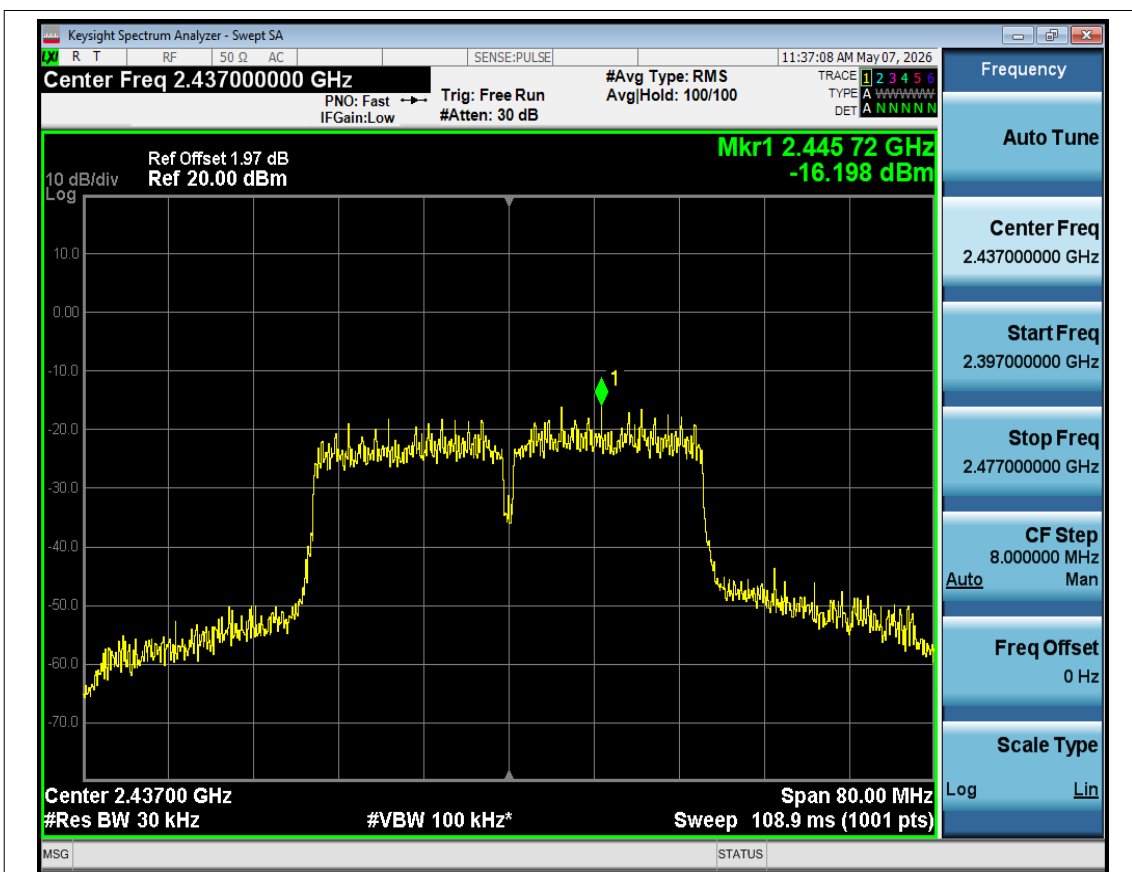
PSD NVNT n20 2437MHz Ant1



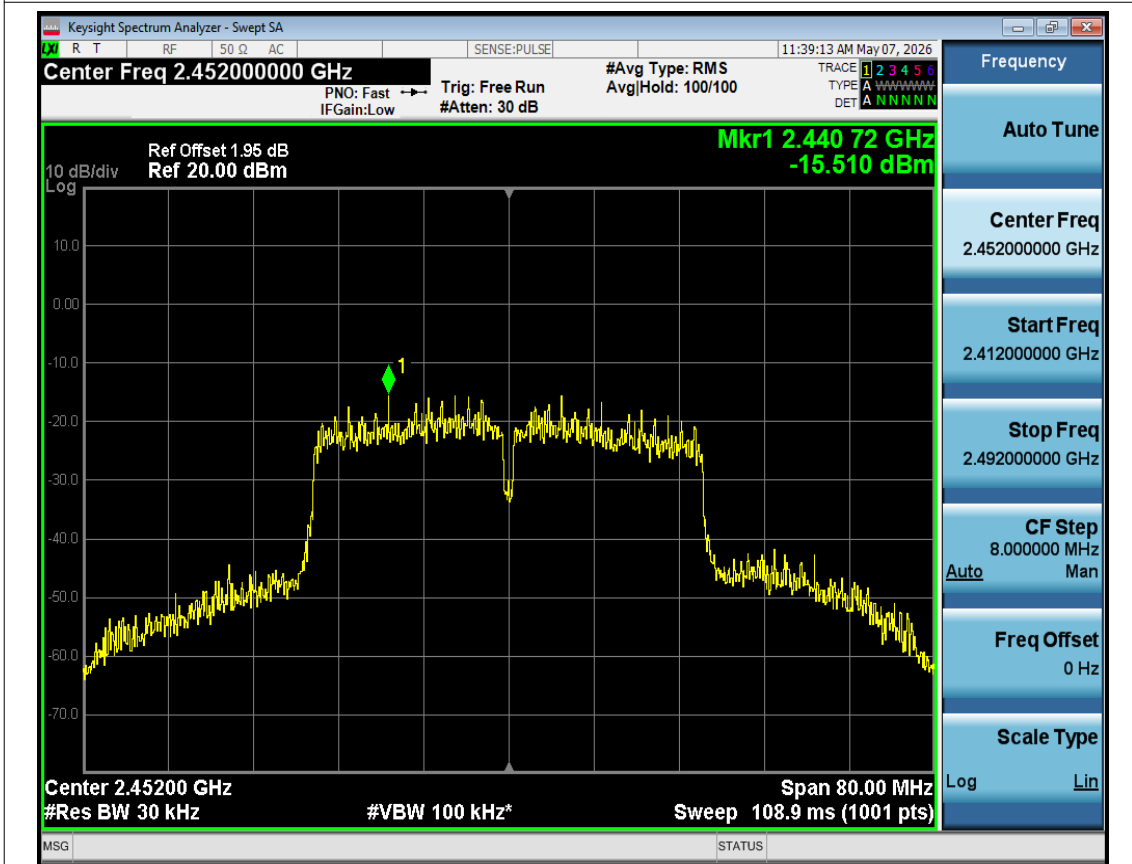
PSD NVNT n20 2462MHz Ant1



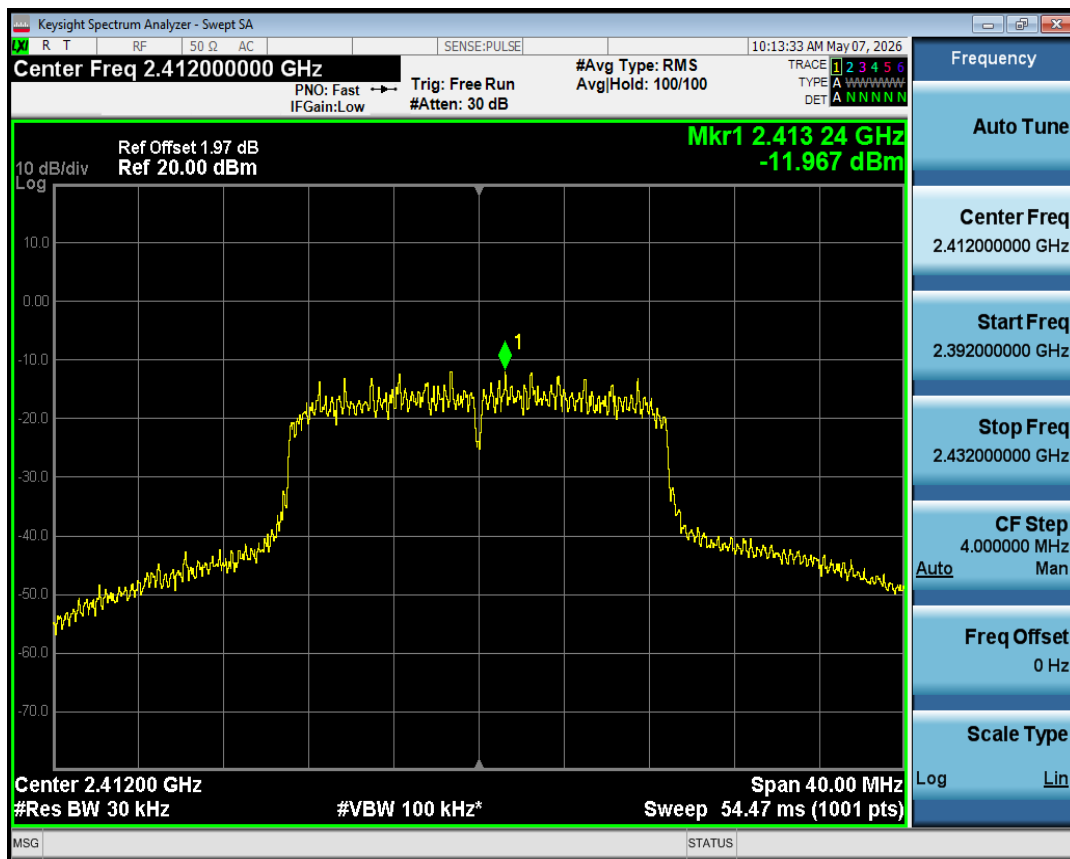
PSD NVNT n40 2422MHz Ant1



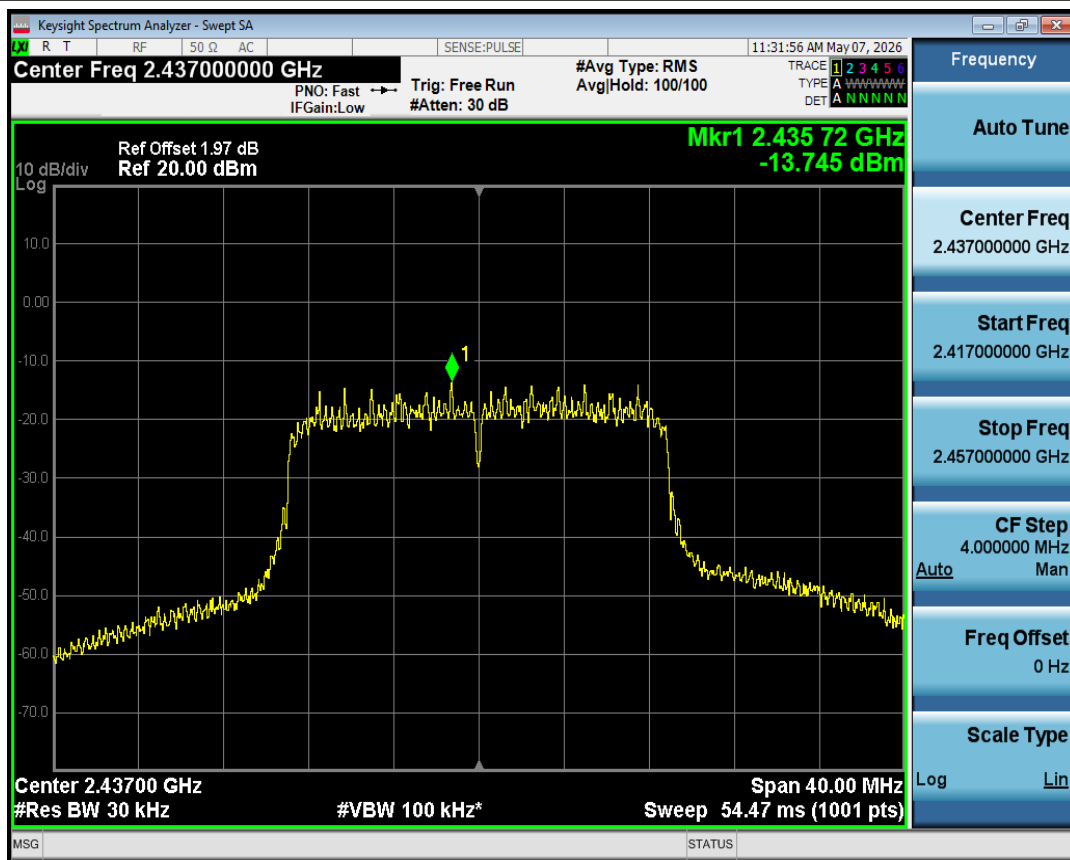
PSD NVNT n40 2437MHz Ant1



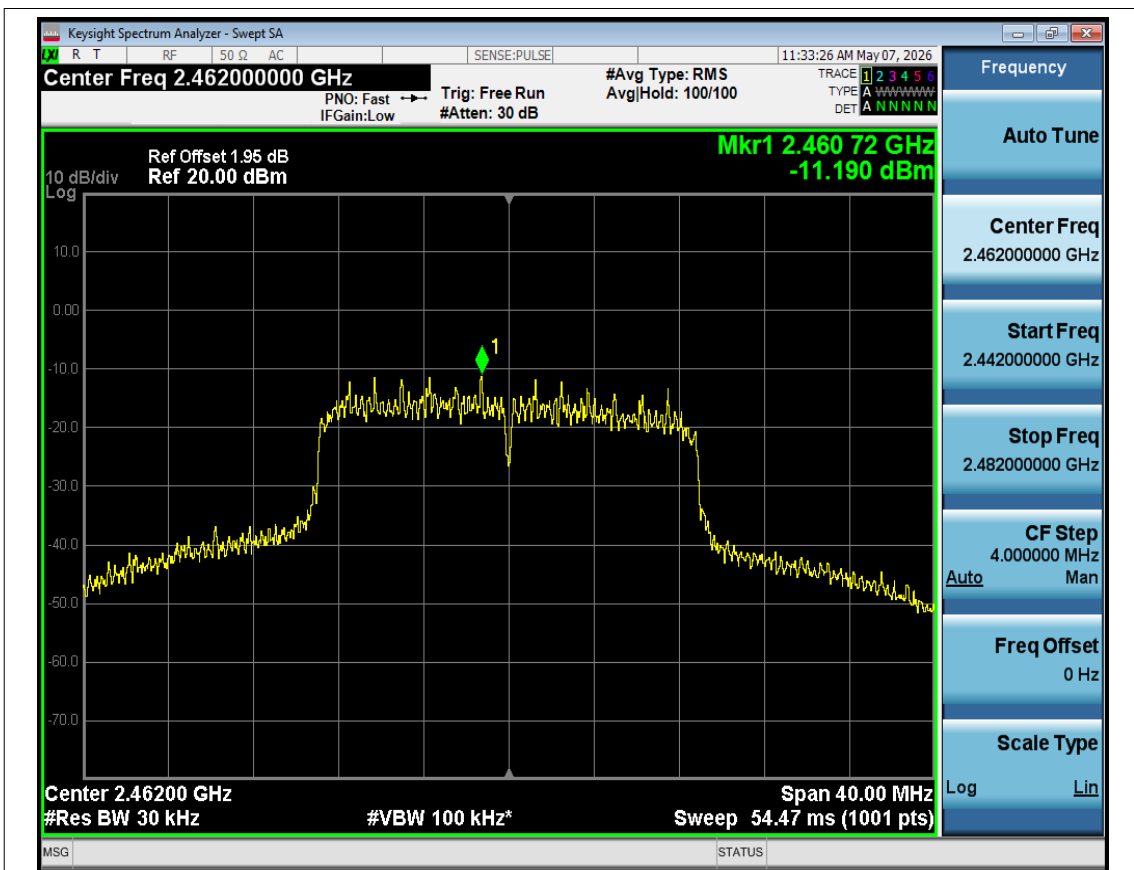
PSD NVNT n40 2452MHz Ant1



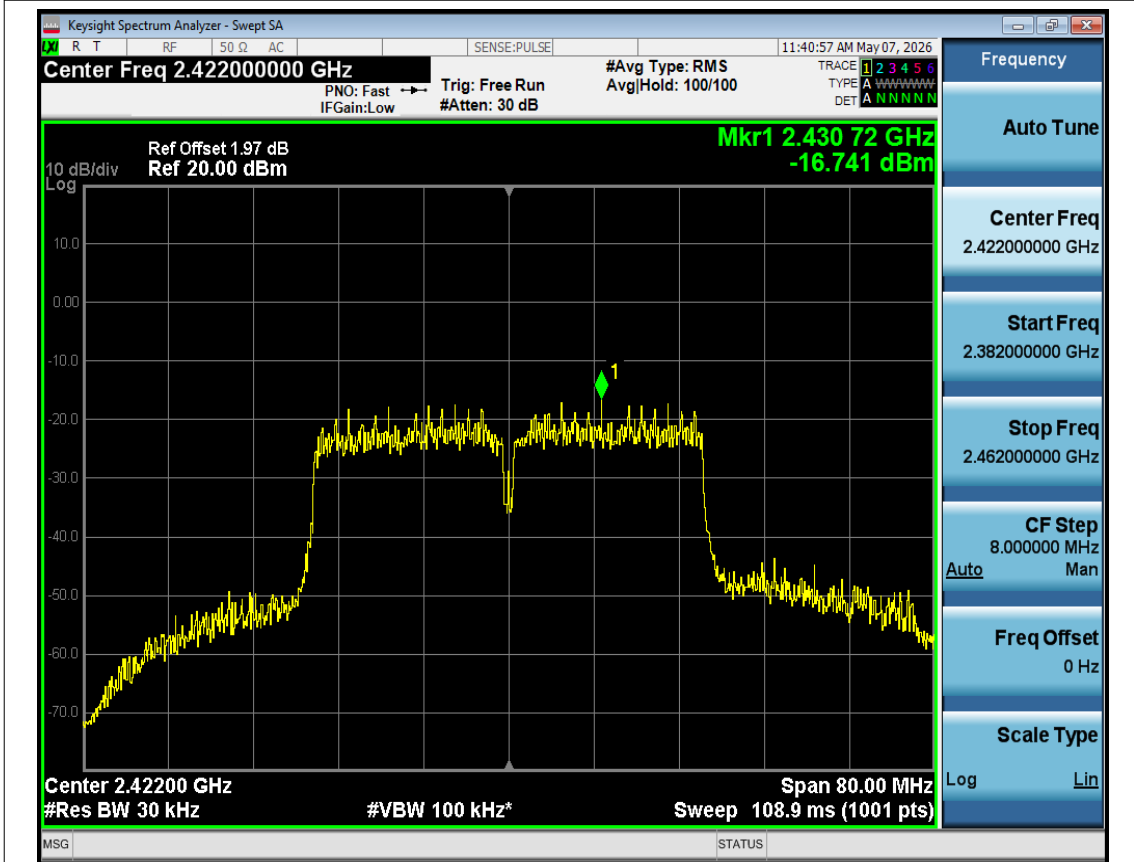
PSD NVNT ax20 2412MHz Ant1



PSD NVNT ax20 2437MHz Ant1



PSD NVNT ax20 2462MHz Ant1



PSD NVNT ax40 2422MHz Ant1



PSD NVNT ax40 2437MHz Ant1



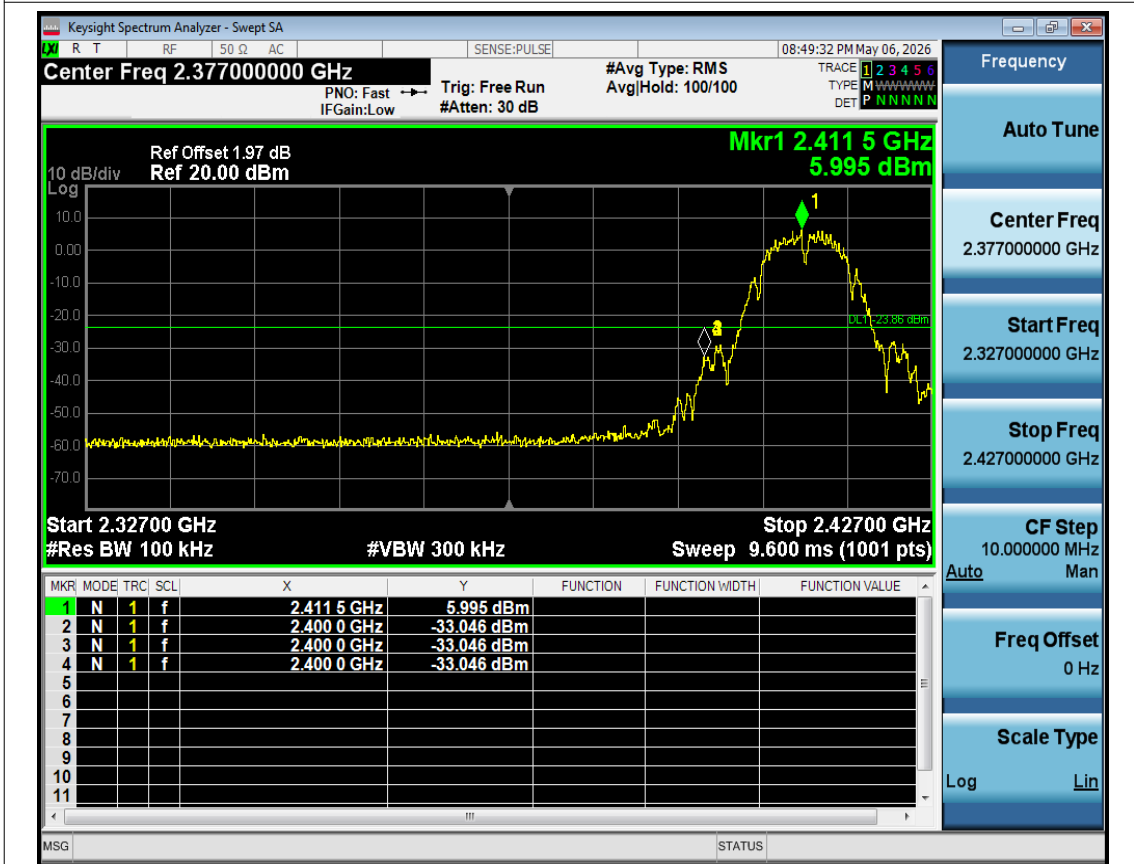
PSD NVNT ax40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.18	-30	Pass
NVNT	b	2462	Ant1	-60.75	-30	Pass
NVNT	g	2412	Ant1	-32.69	-30	Pass
NVNT	g	2462	Ant1	-41.14	-30	Pass
NVNT	n20	2412	Ant1	-32.36	-30	Pass
NVNT	n20	2462	Ant1	-38.09	-30	Pass
NVNT	n40	2422	Ant1	-30.81	-30	Pass
NVNT	n40	2452	Ant1	-30.77	-30	Pass
NVNT	ax20	2412	Ant1	-31.64	-30	Pass
NVNT	ax20	2462	Ant1	-39.71	-30	Pass
NVNT	ax40	2422	Ant1	-30.49	-30	Pass
NVNT	ax40	2452	Ant1	-31.51	-30	Pass



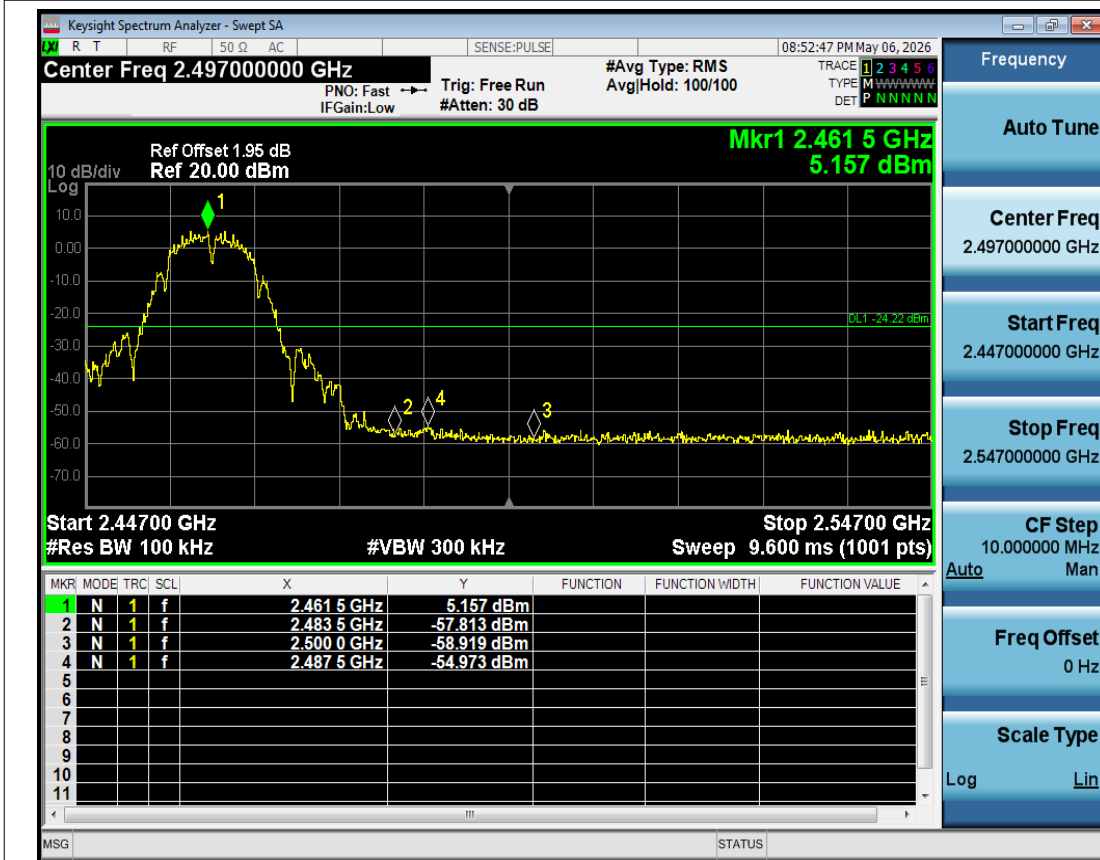
Band Edge NVNT b 2412MHz Ant1 Ref



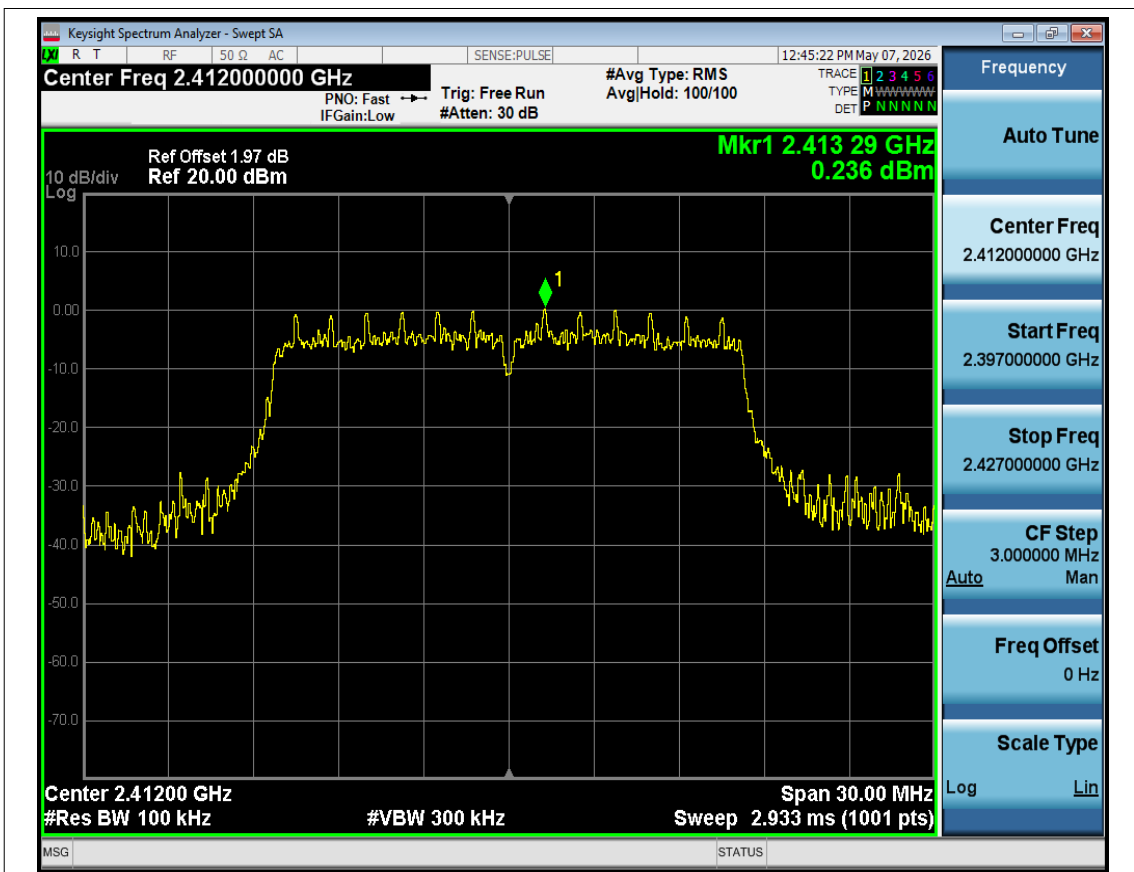
Band Edge NVNT b 2412MHz Ant1 Emission



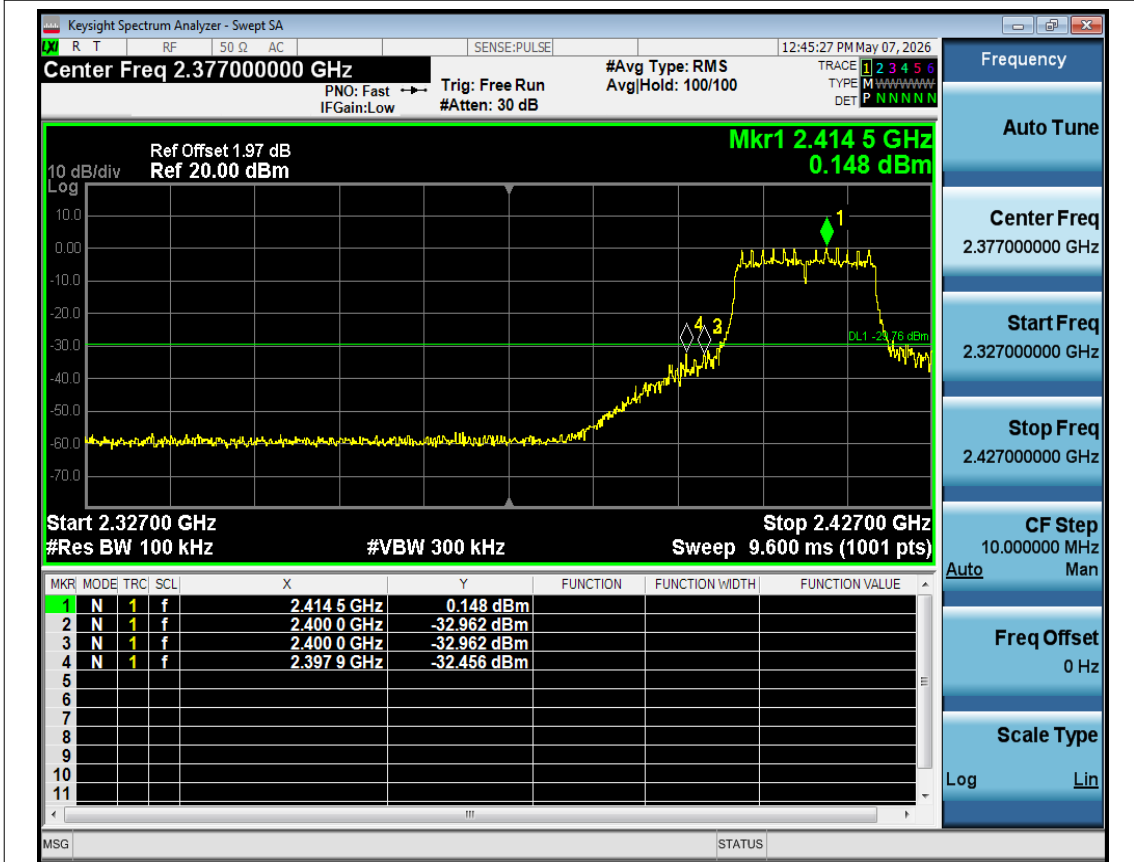
Band Edge NVNT b 2462MHz Ant1 Ref



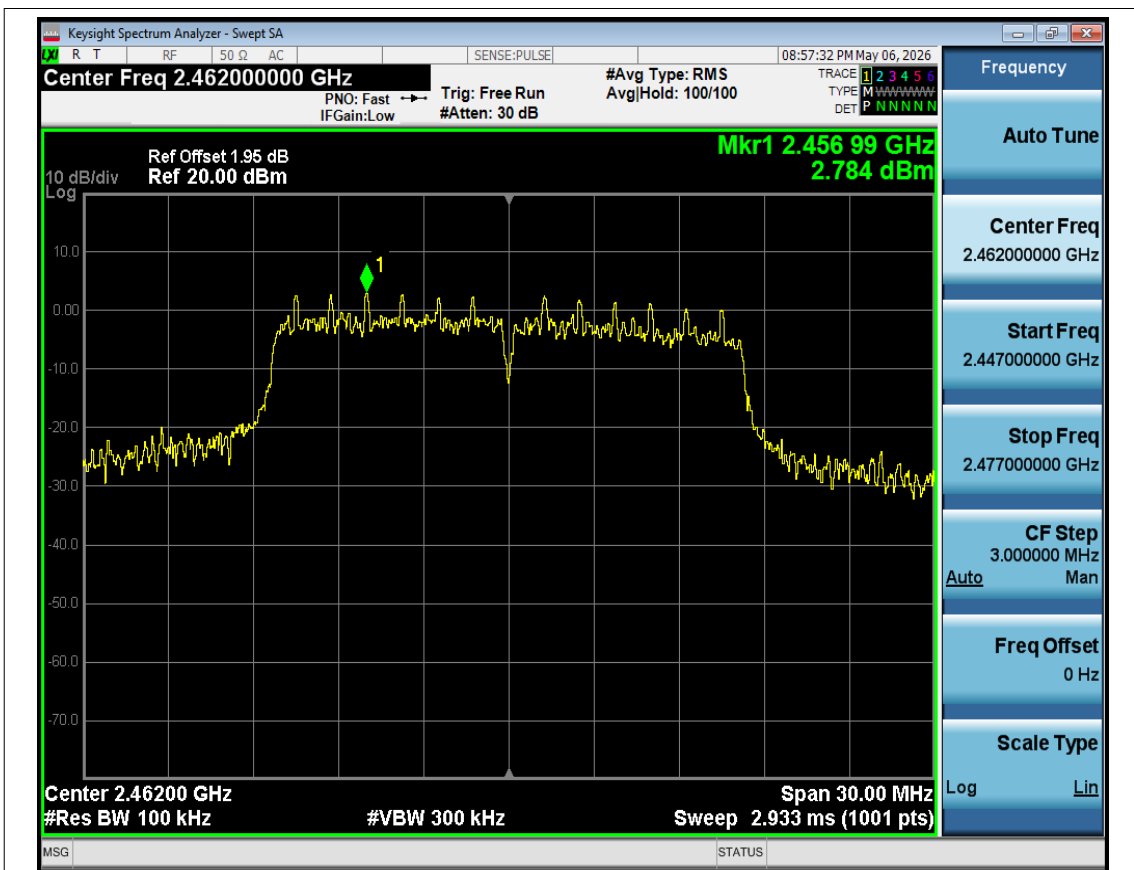
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



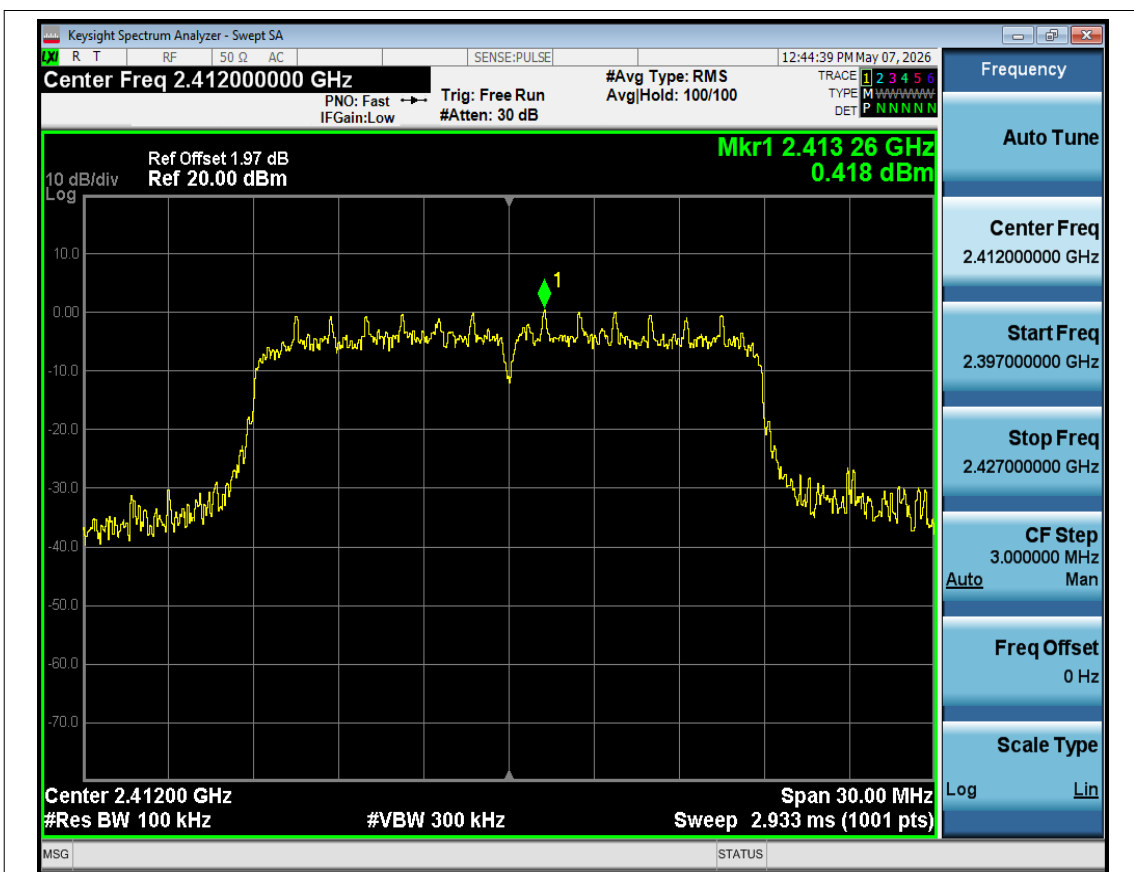
Band Edge NVNT g 2412MHz Ant1 Emission



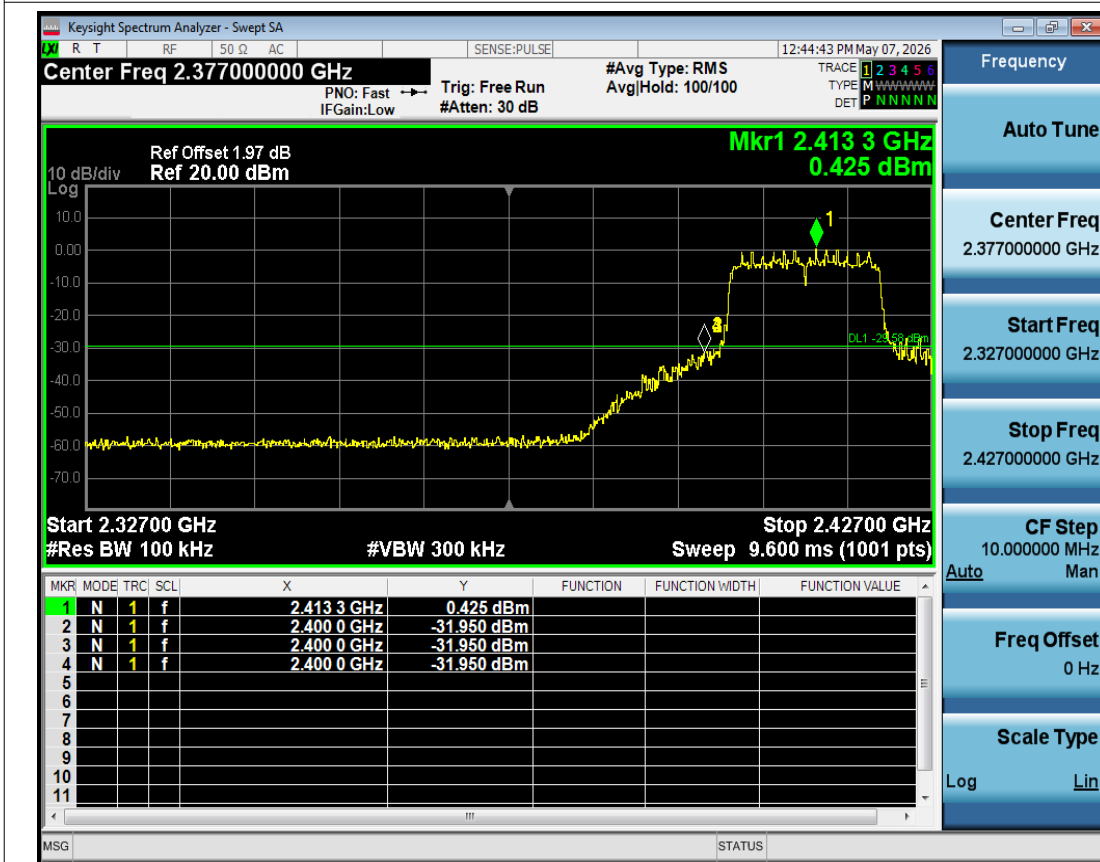
Band Edge NVNT g 2462MHz Ant1 Ref



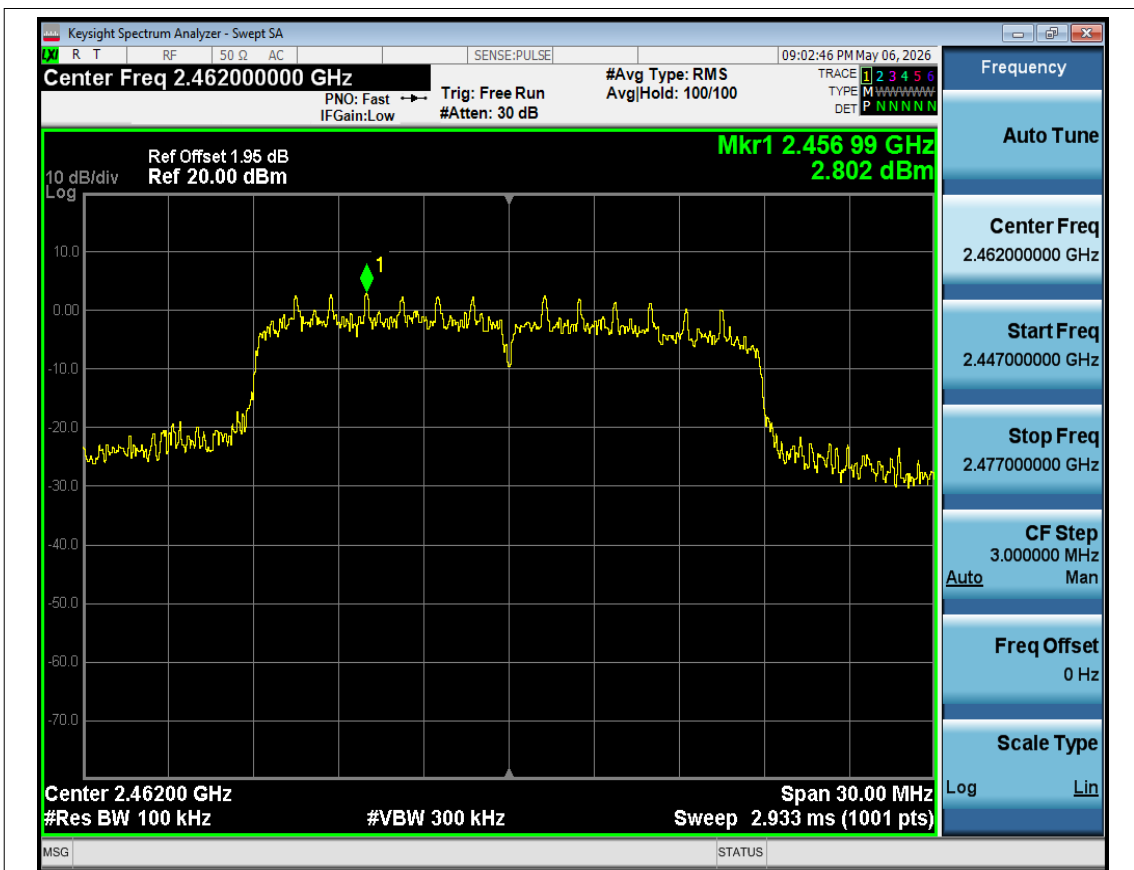
Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



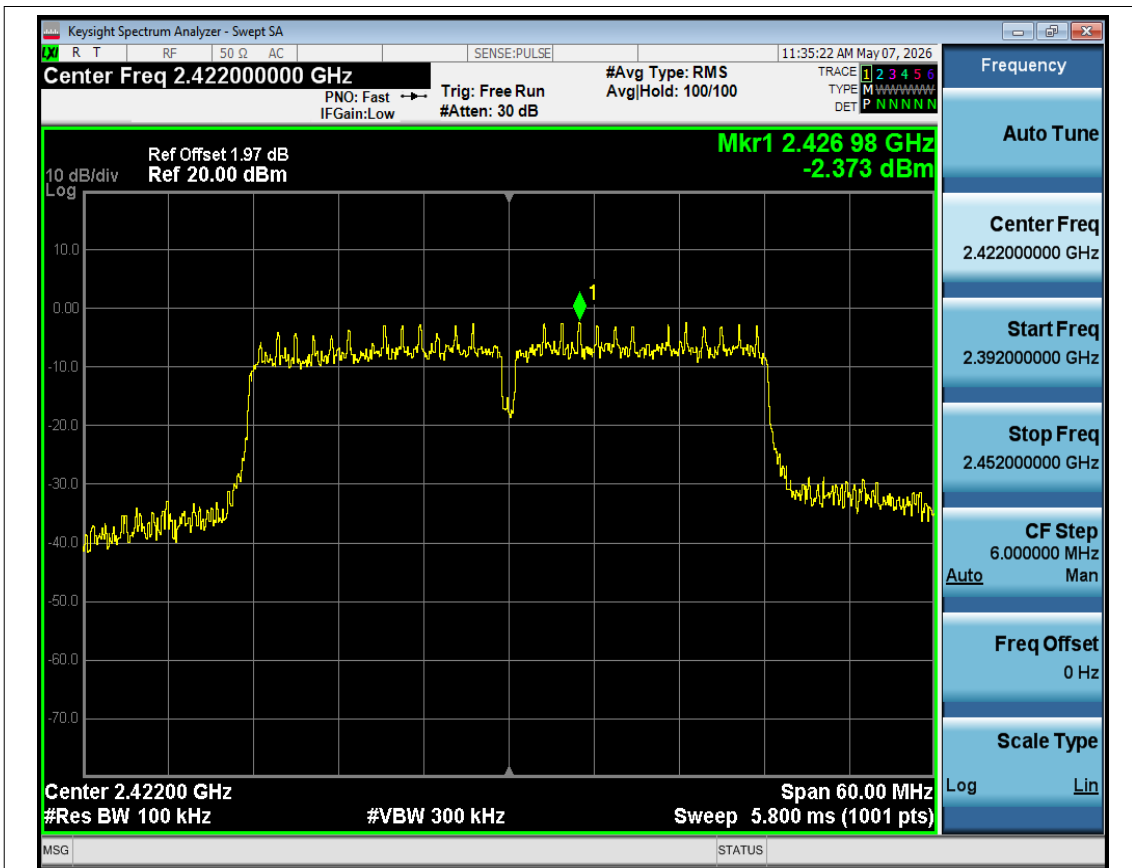
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



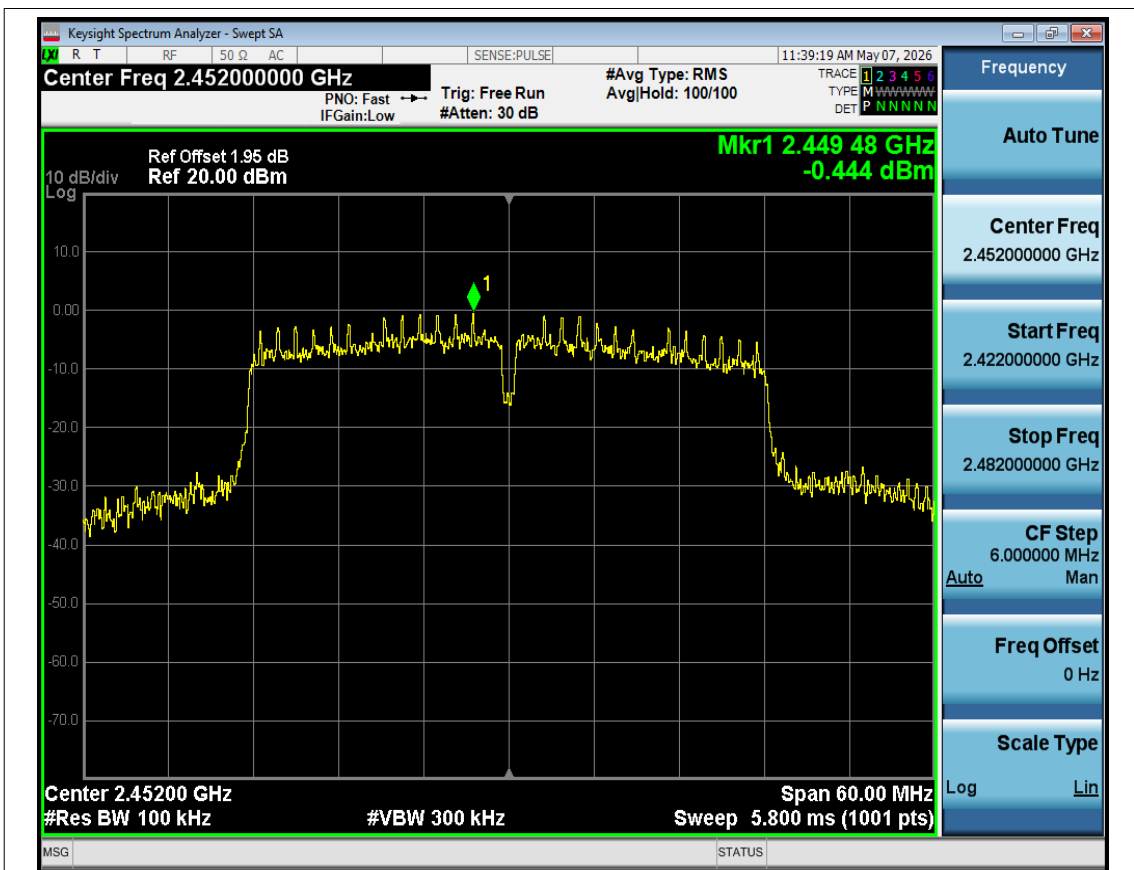
Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



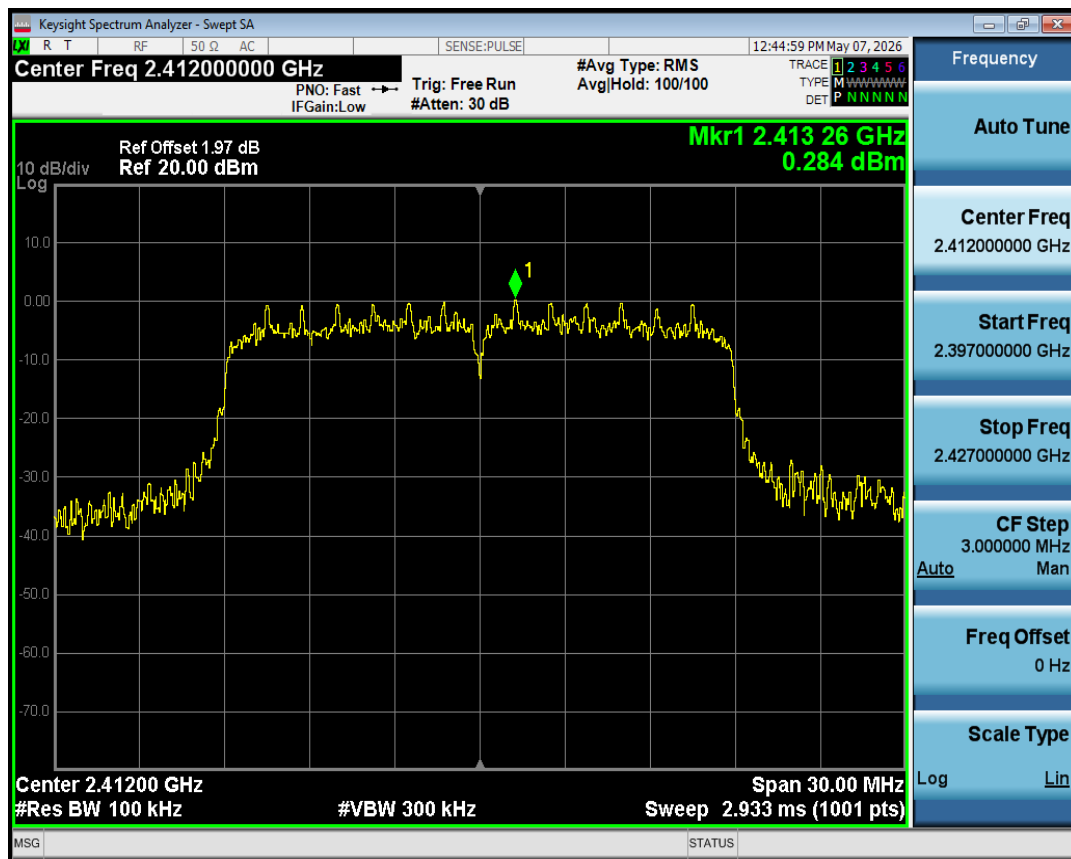
Band Edge NVNT n40 2422MHz Ant1 Emission



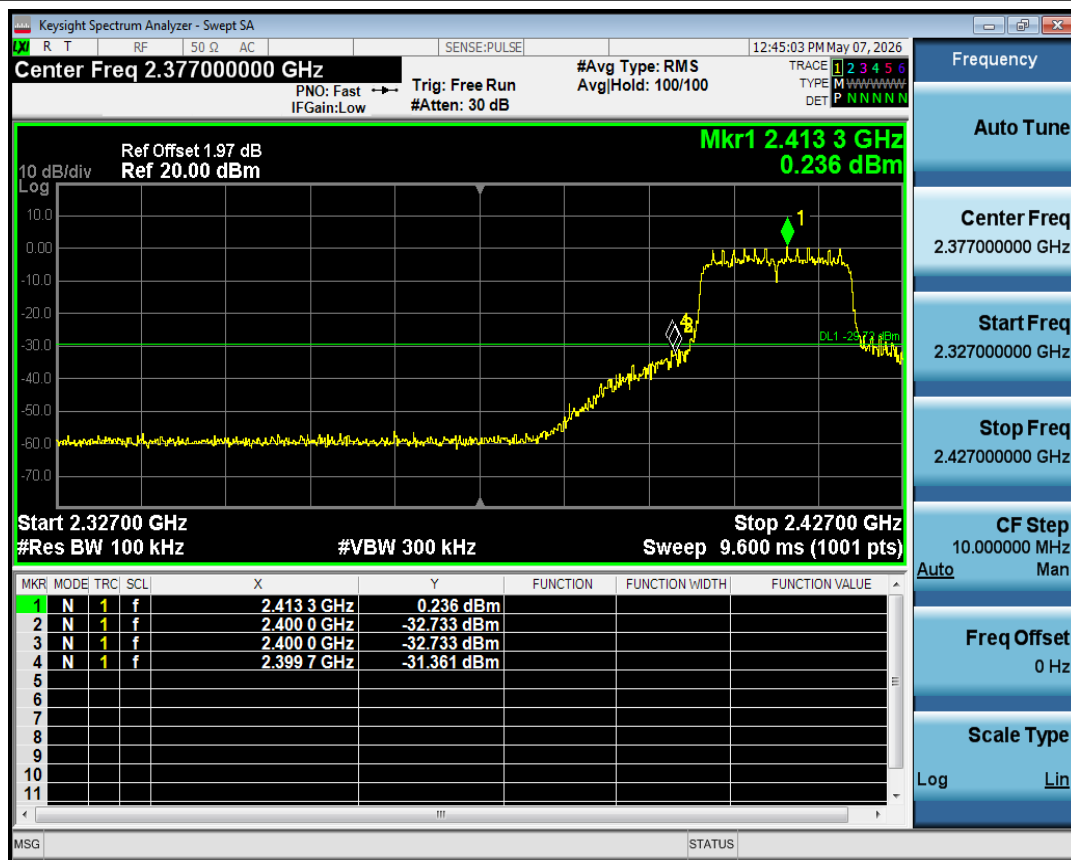
Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission



Band Edge NVNT ax20 2412MHz Ant1 Ref



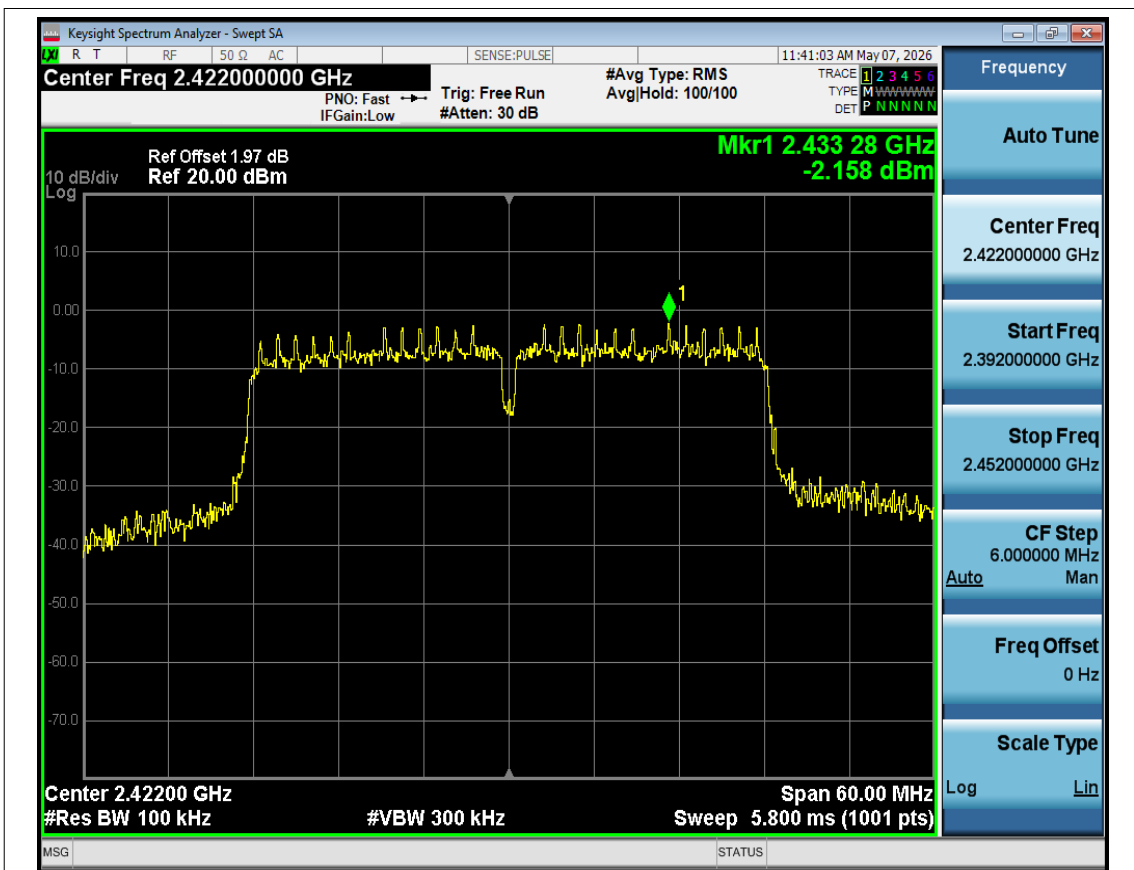
Band Edge NVNT ax20 2412MHz Ant1 Emission



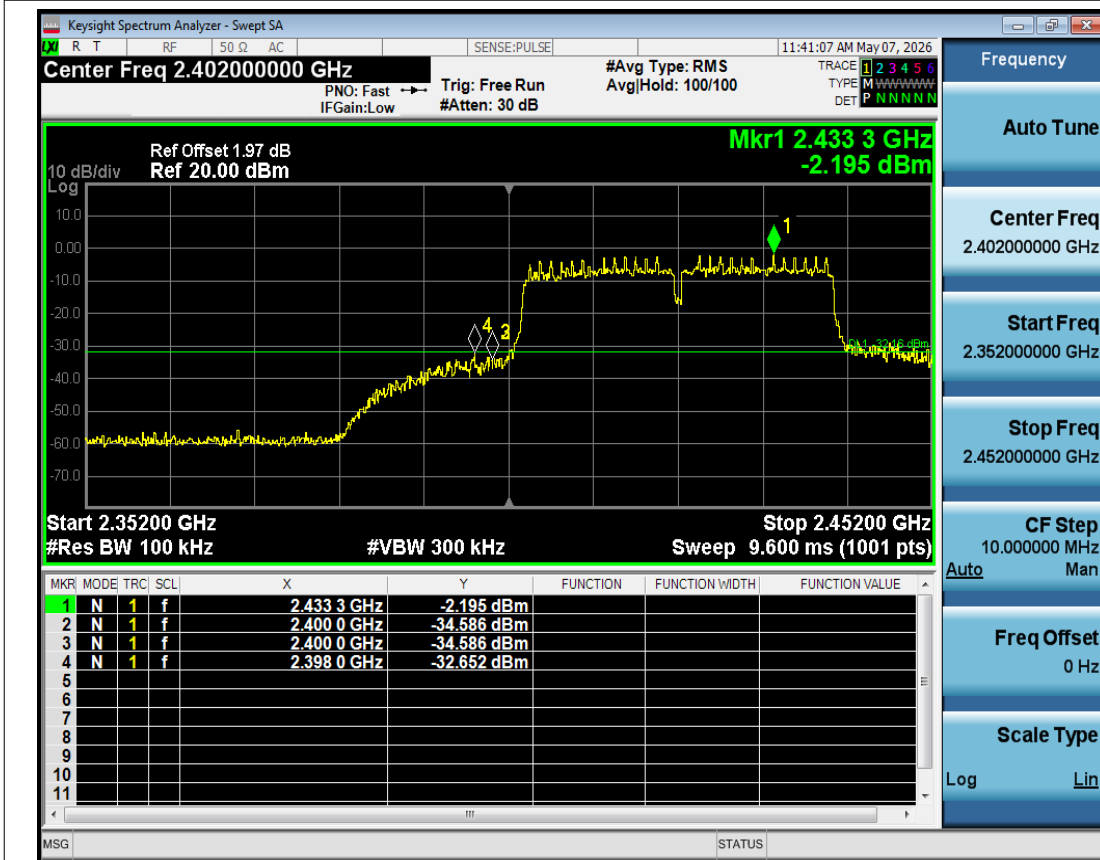
Band Edge NVNT ax20 2462MHz Ant1 Ref



Band Edge NVNT ax20 2462MHz Ant1 Emission



Band Edge NVNT ax40 2422MHz Ant1 Ref



Band Edge NVNT ax40 2422MHz Ant1 Emission



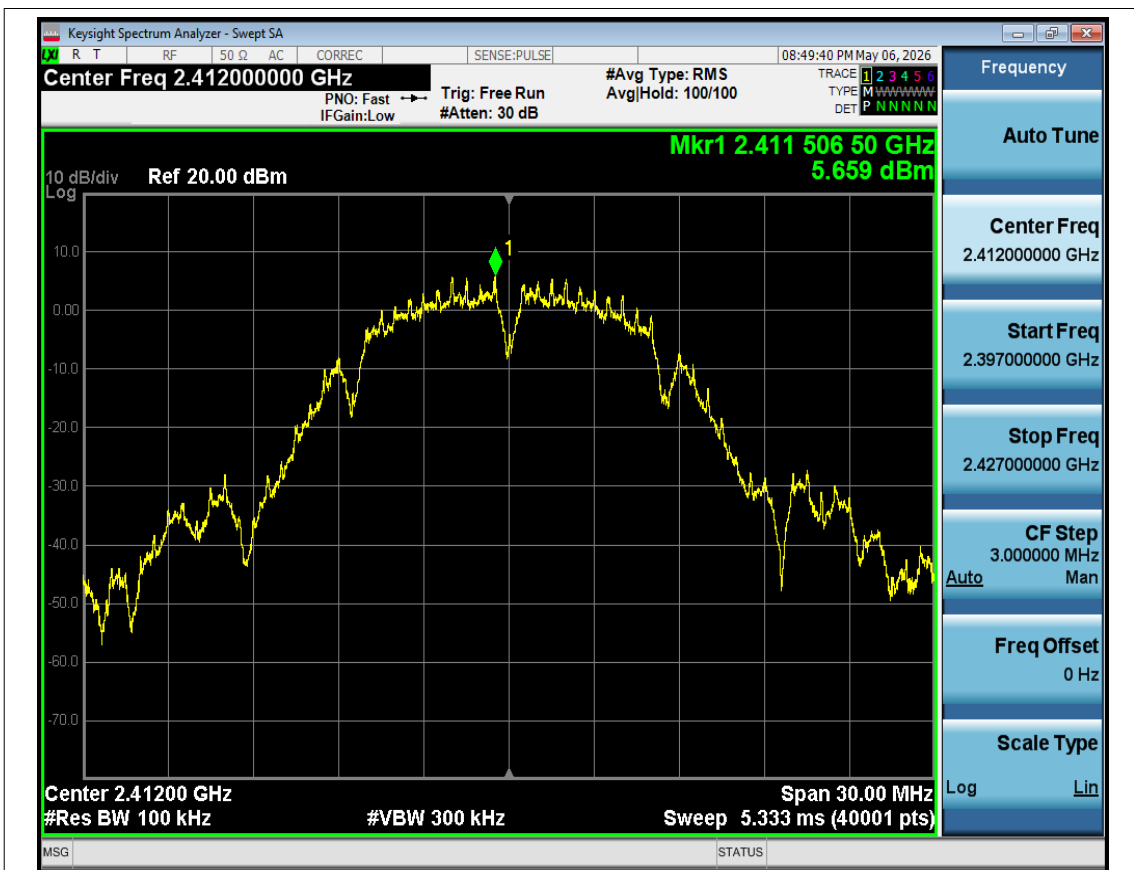
Band Edge NVNT ax40 2452MHz Ant1 Ref



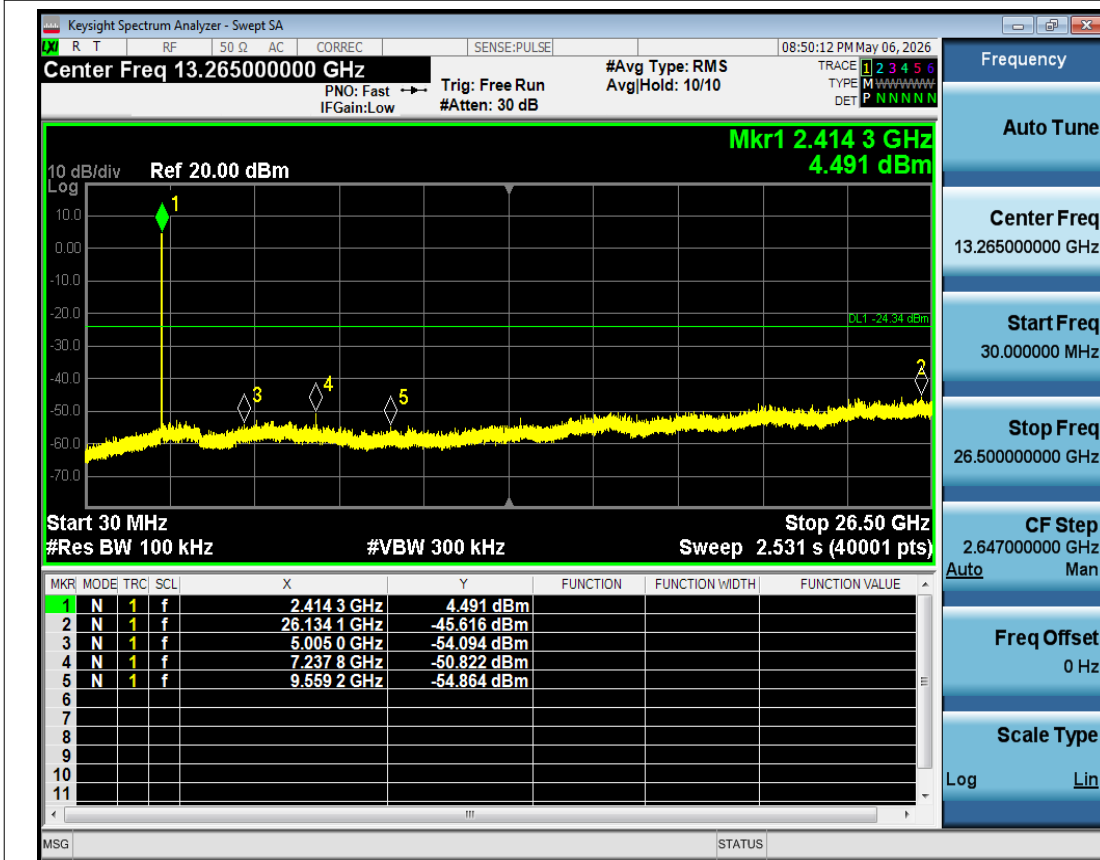
Band Edge NVNT ax40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-51.27	-30	Pass
NVNT	b	2437	Ant1	-49.98	-30	Pass
NVNT	b	2462	Ant1	-51.13	-30	Pass
NVNT	g	2412	Ant1	-48.57	-30	Pass
NVNT	g	2437	Ant1	-46.83	-30	Pass
NVNT	g	2462	Ant1	-48.78	-30	Pass
NVNT	n20	2412	Ant1	-48.86	-30	Pass
NVNT	n20	2437	Ant1	-46.16	-30	Pass
NVNT	n20	2462	Ant1	-48.54	-30	Pass
NVNT	n40	2422	Ant1	-44.23	-30	Pass
NVNT	n40	2437	Ant1	-45.26	-30	Pass
NVNT	n40	2452	Ant1	-44.73	-30	Pass
NVNT	ax20	2412	Ant1	-48.31	-30	Pass
NVNT	ax20	2437	Ant1	-46.7	-30	Pass
NVNT	ax20	2462	Ant1	-49.09	-30	Pass
NVNT	ax40	2422	Ant1	-44.23	-30	Pass
NVNT	ax40	2437	Ant1	-44.47	-30	Pass
NVNT	ax40	2452	Ant1	-44.86	-30	Pass



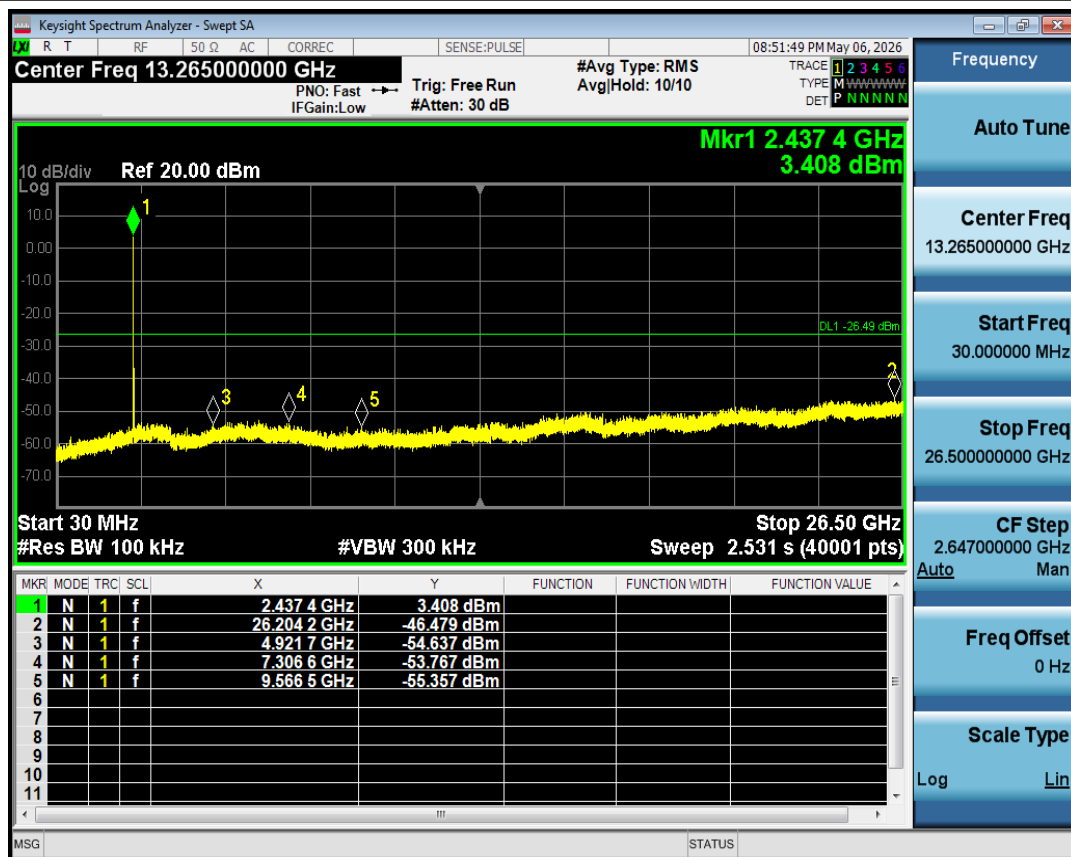
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



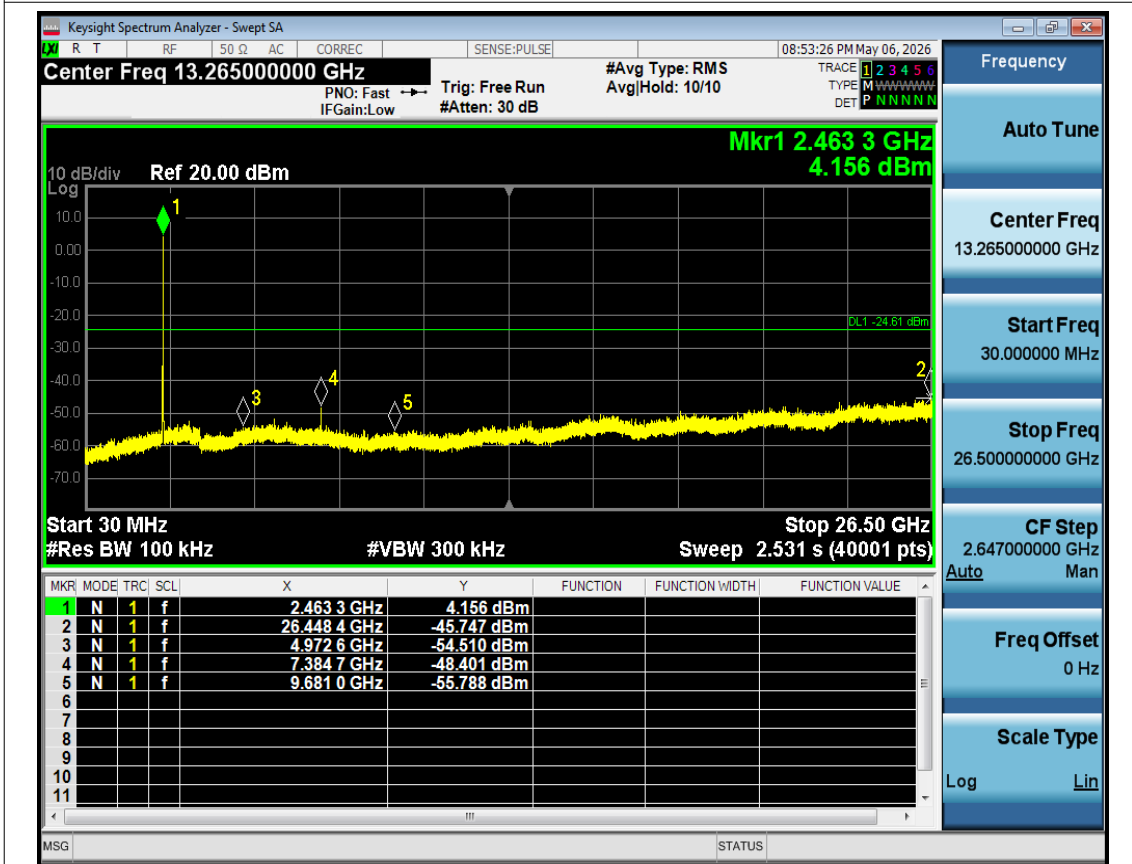
Tx. Spurious NVNT b 2437MHz Ant1 Ref



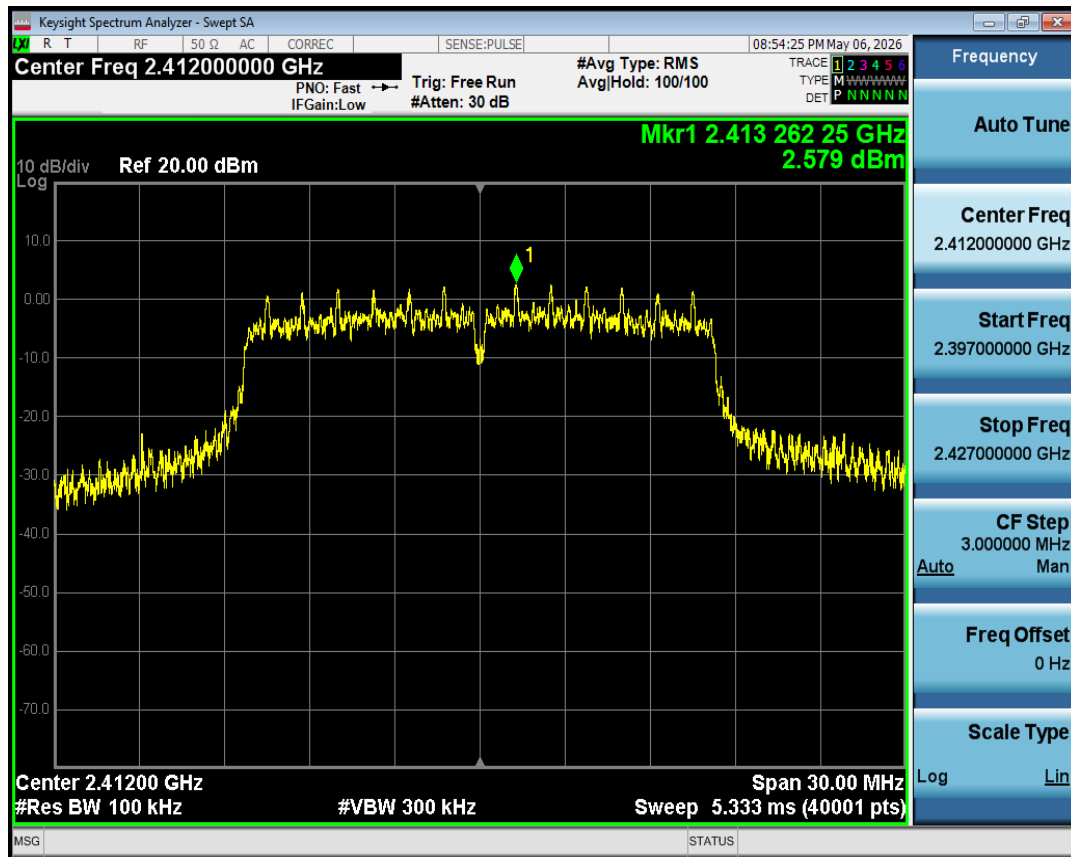
Tx. Spurious NVNT b 2437MHz Ant1 Emission



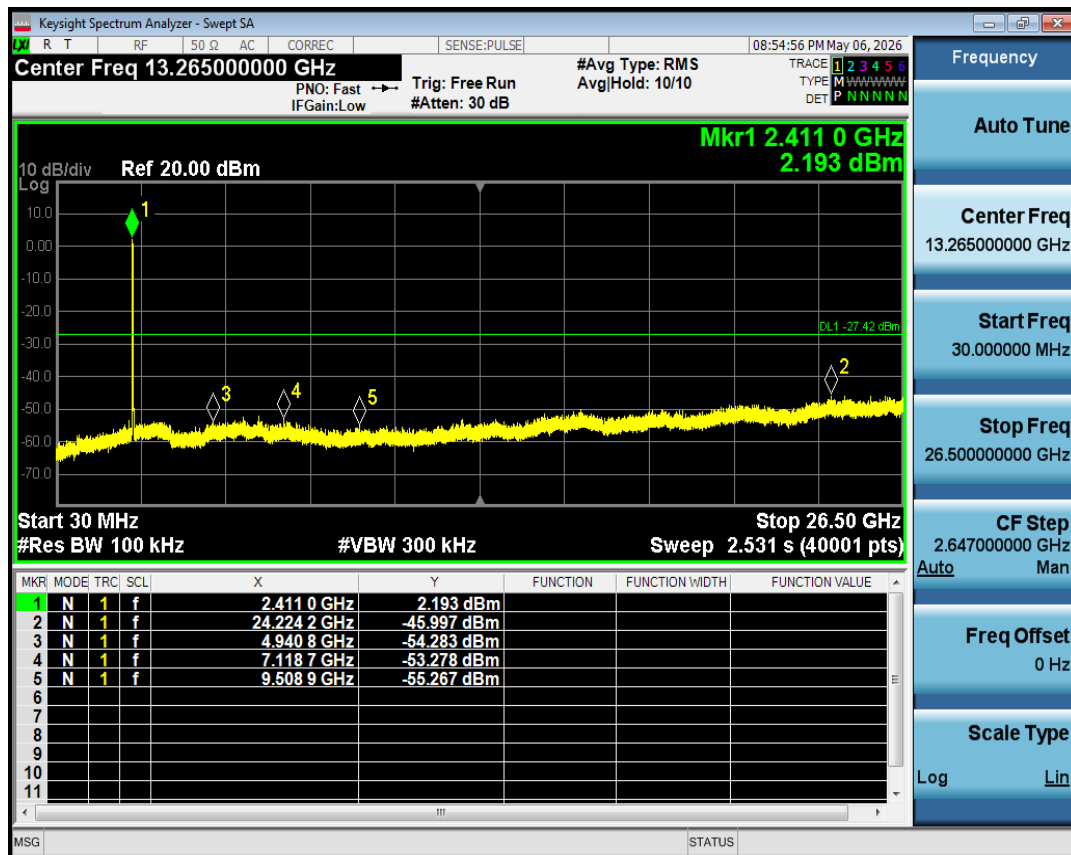
Tx. Spurious NVNT b 2462MHz Ant1 Ref



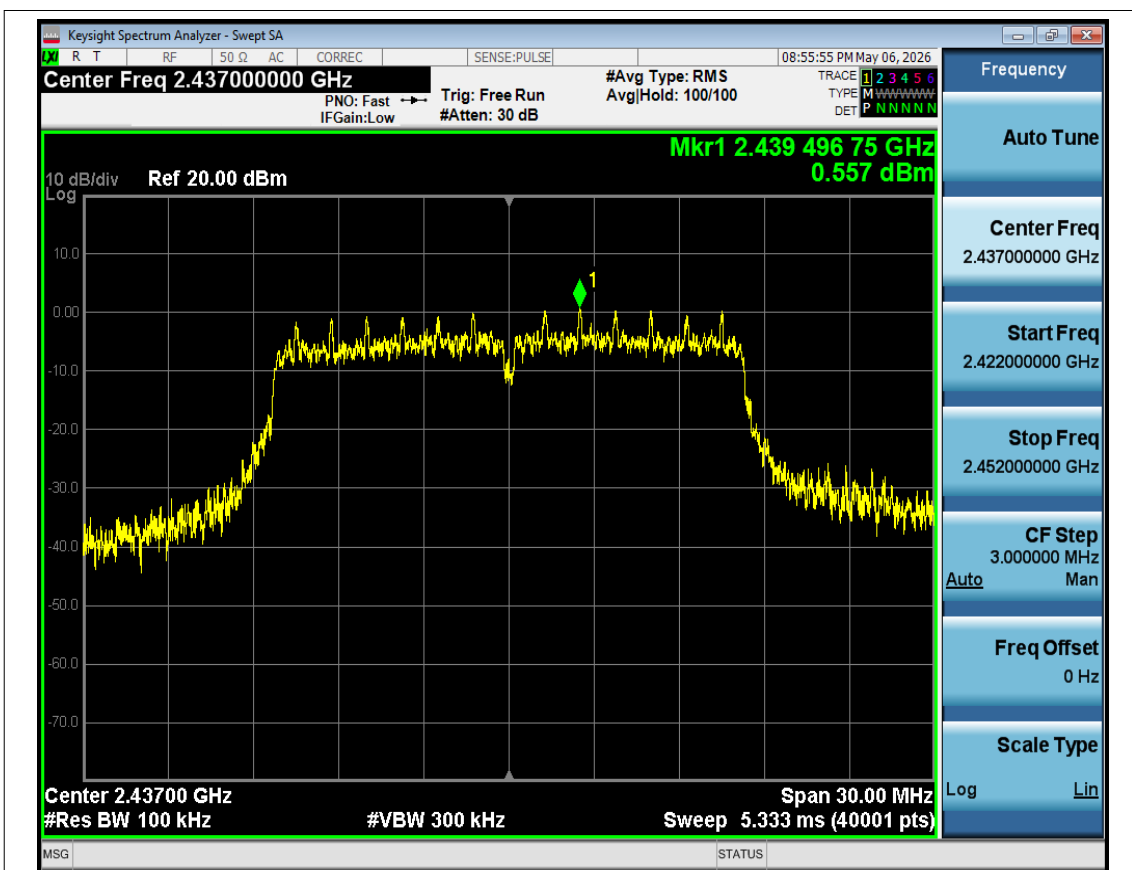
Tx. Spurious NVNT b 2462MHz Ant1 Emission



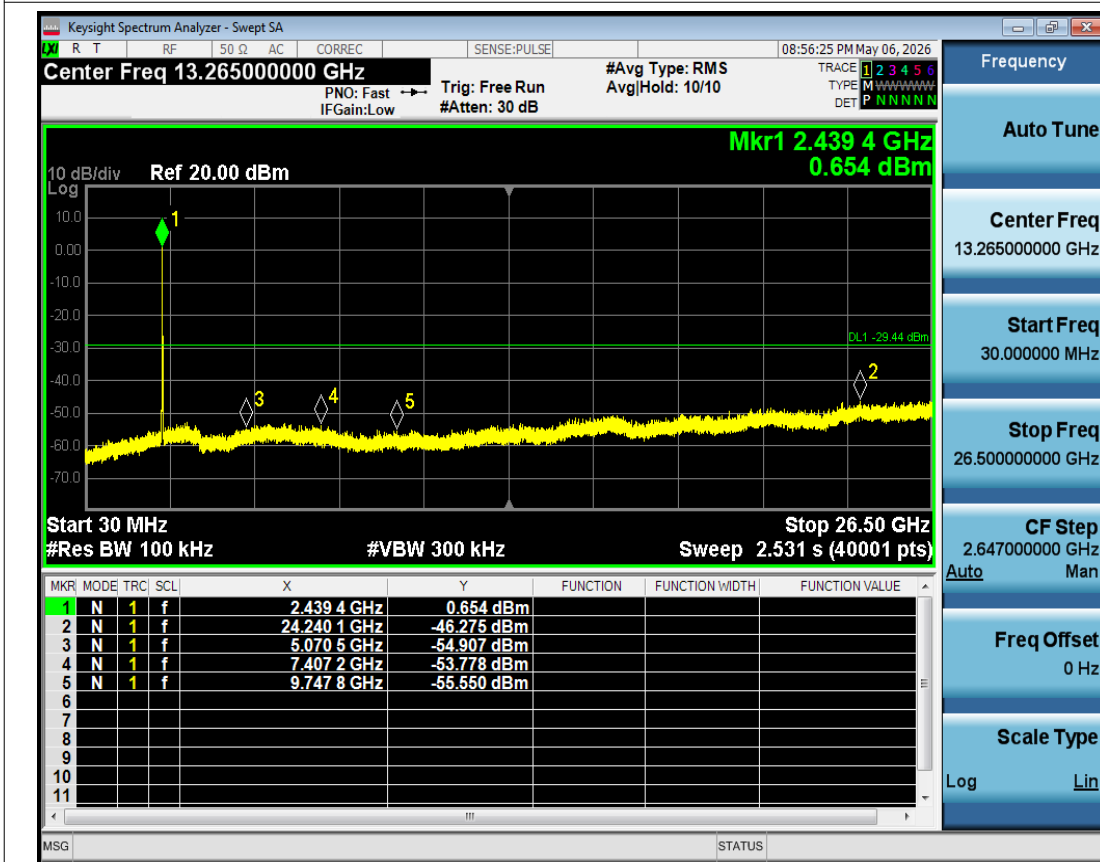
Tx. Spurious NVNT g 2412MHz Ant1 Ref



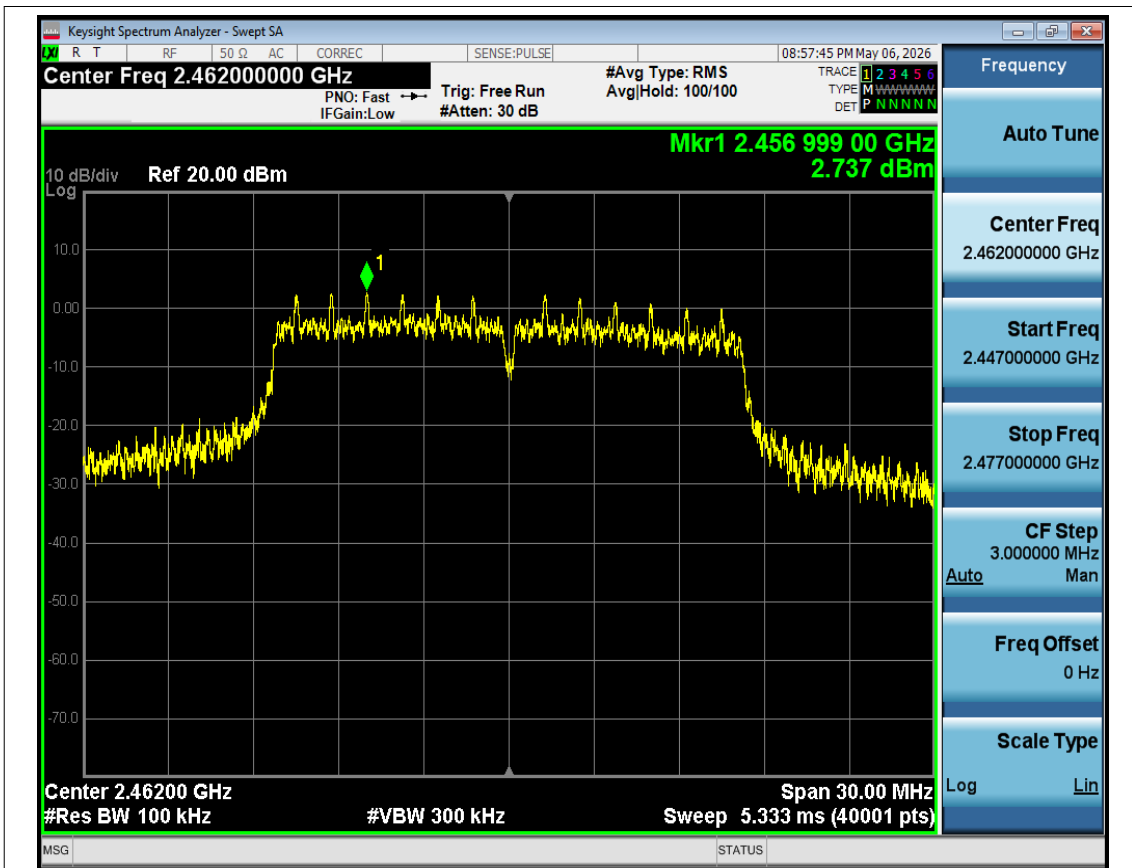
Tx. Spurious NVNT g 2412MHz Ant1 Emission



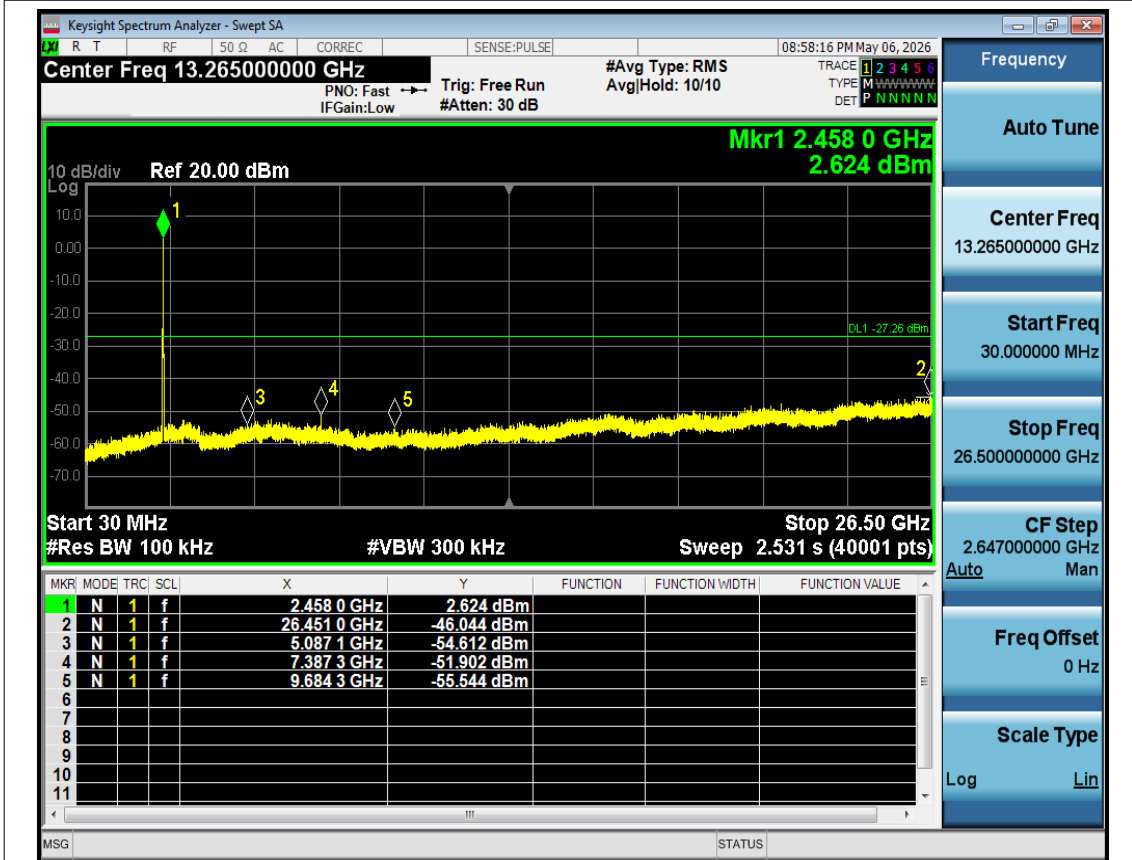
Tx. Spurious NVNT g 2437MHz Ant1 Ref



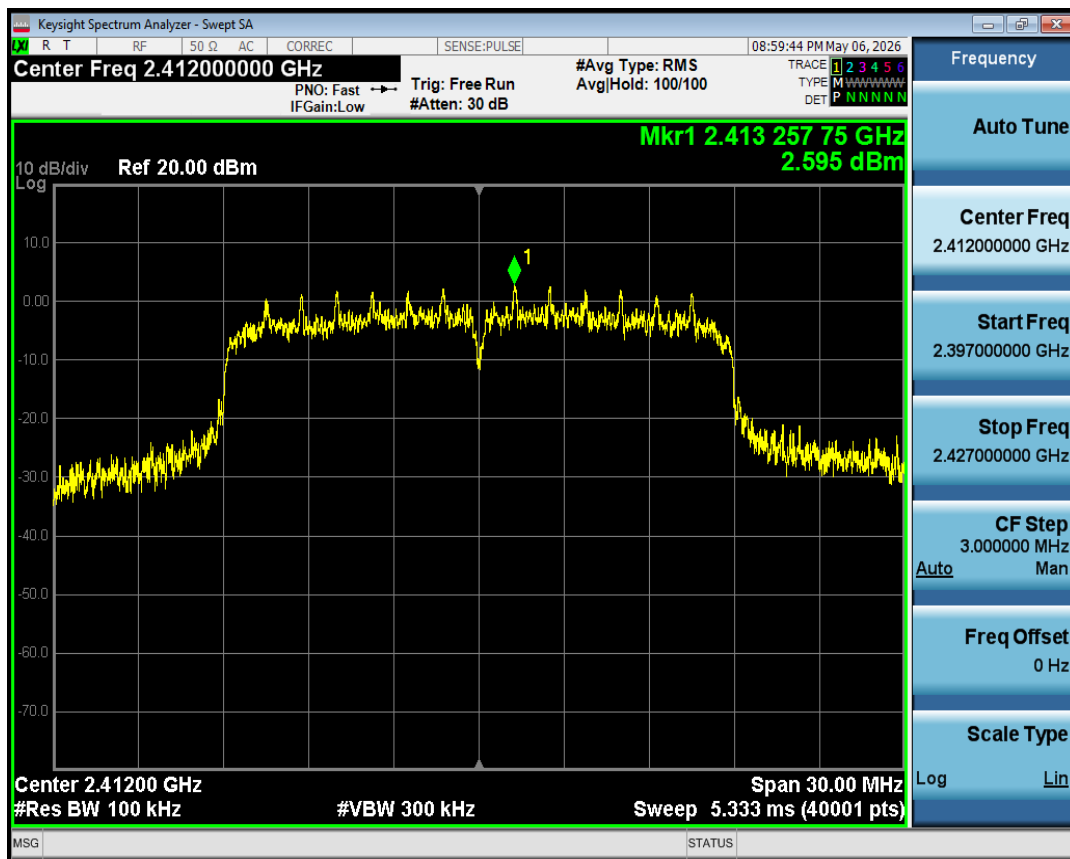
Tx. Spurious NVNT g 2437MHz Ant1 Emission



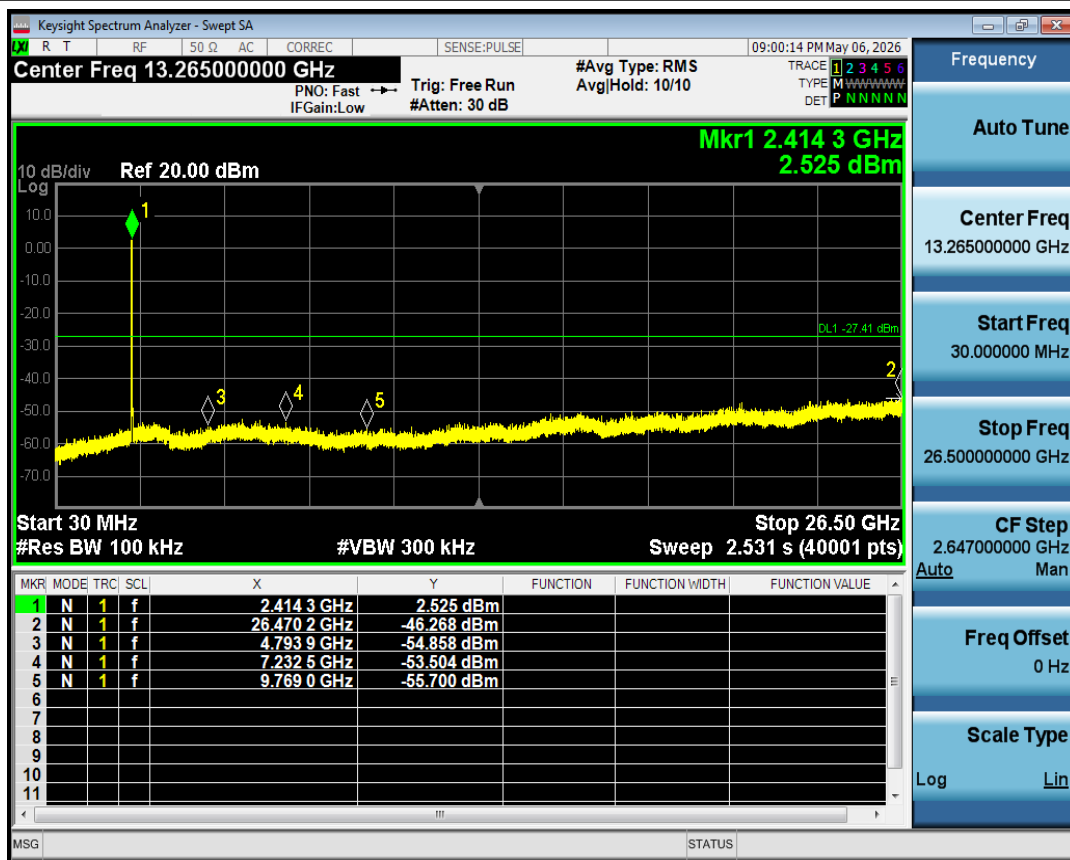
Tx. Spurious NVNT g 2462MHz Ant1 Ref



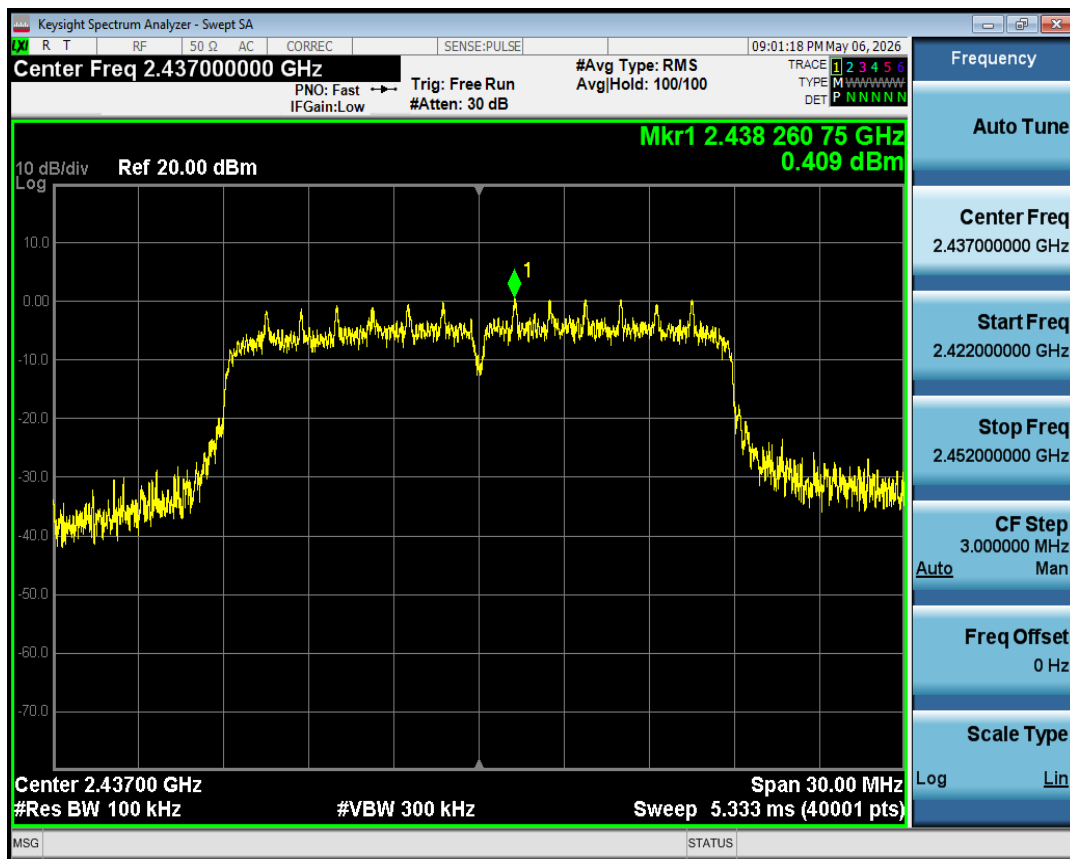
Tx. Spurious NVNT g 2462MHz Ant1 Emission



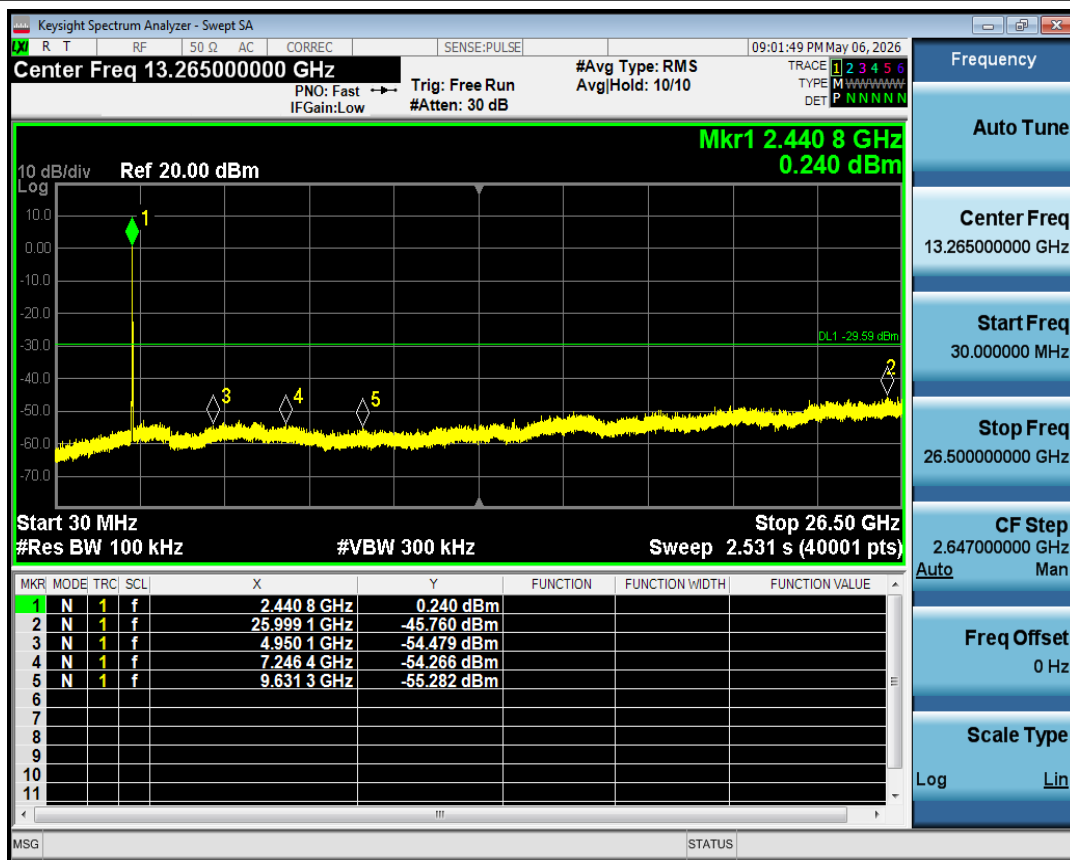
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



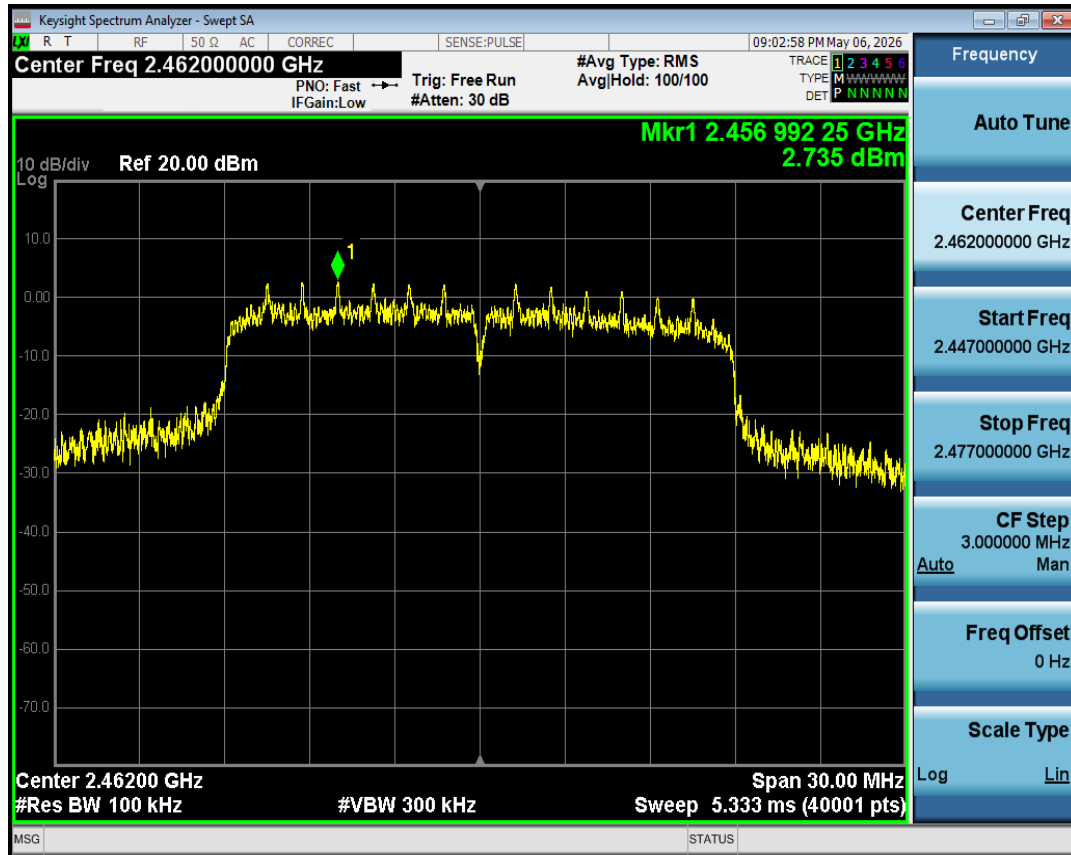
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



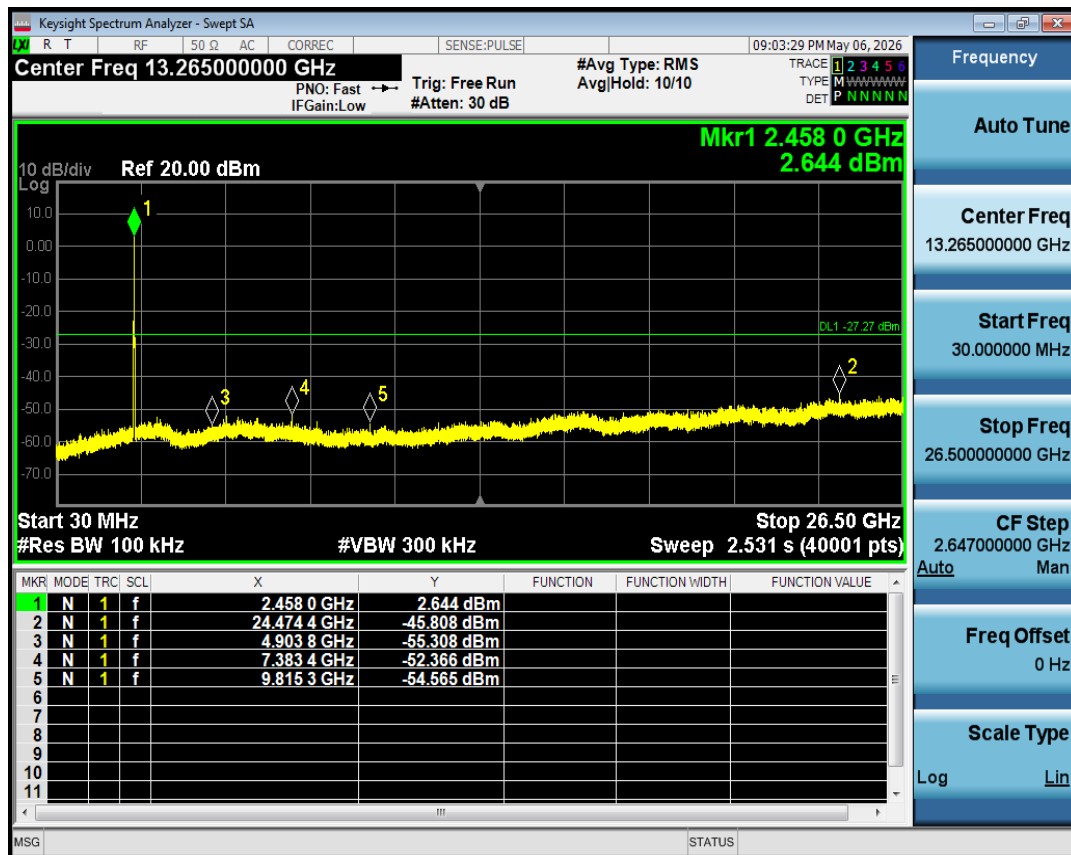
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



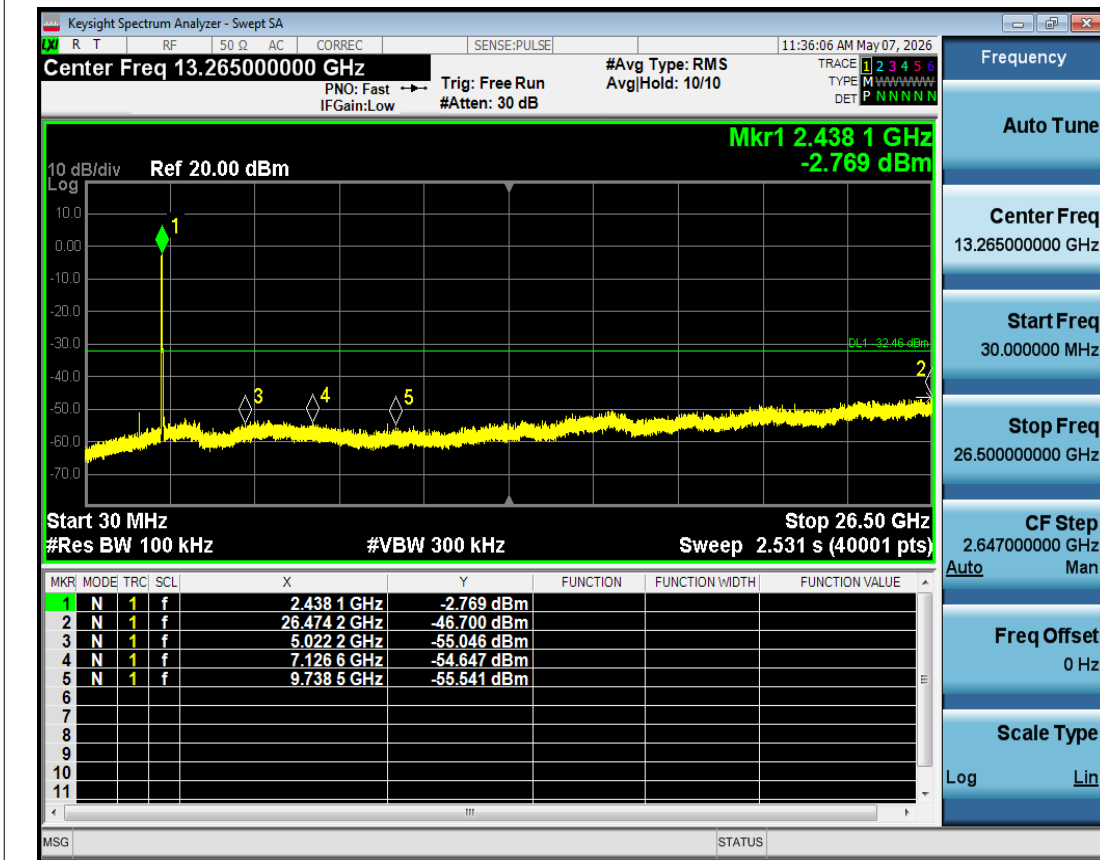
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



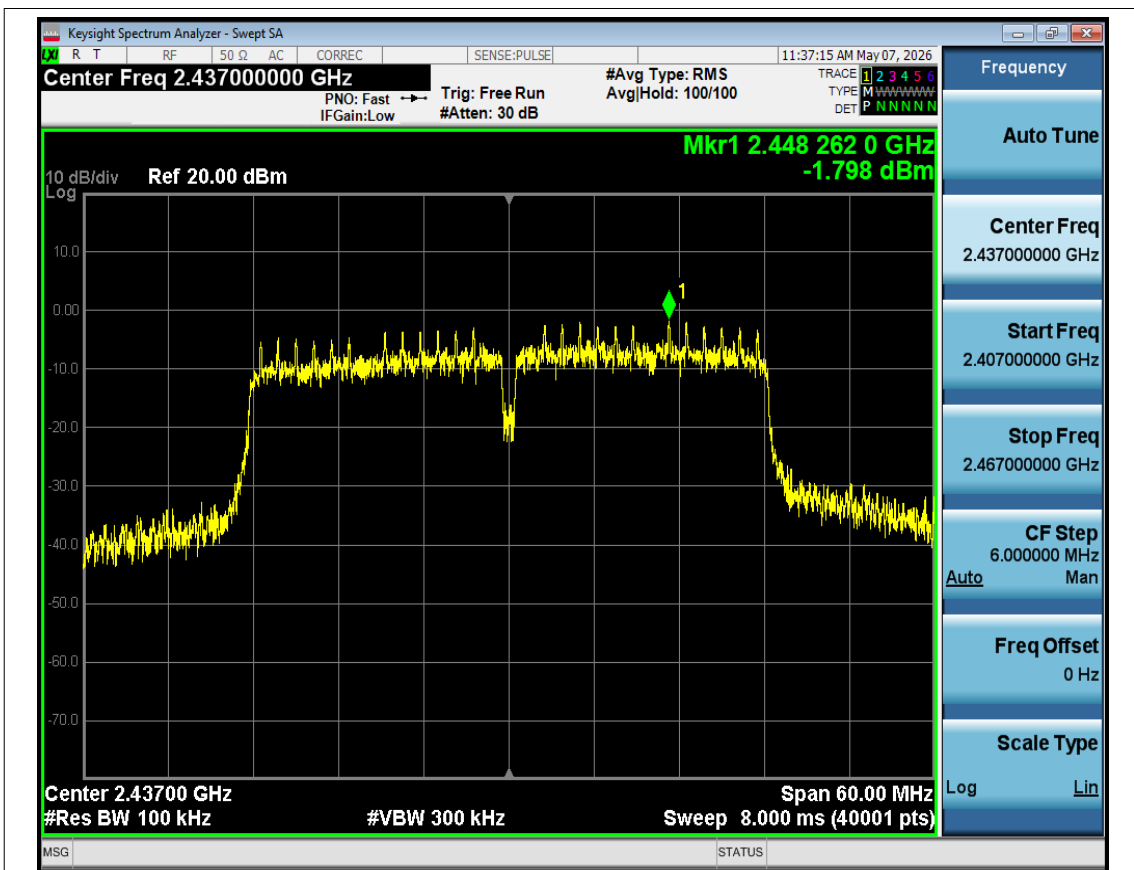
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



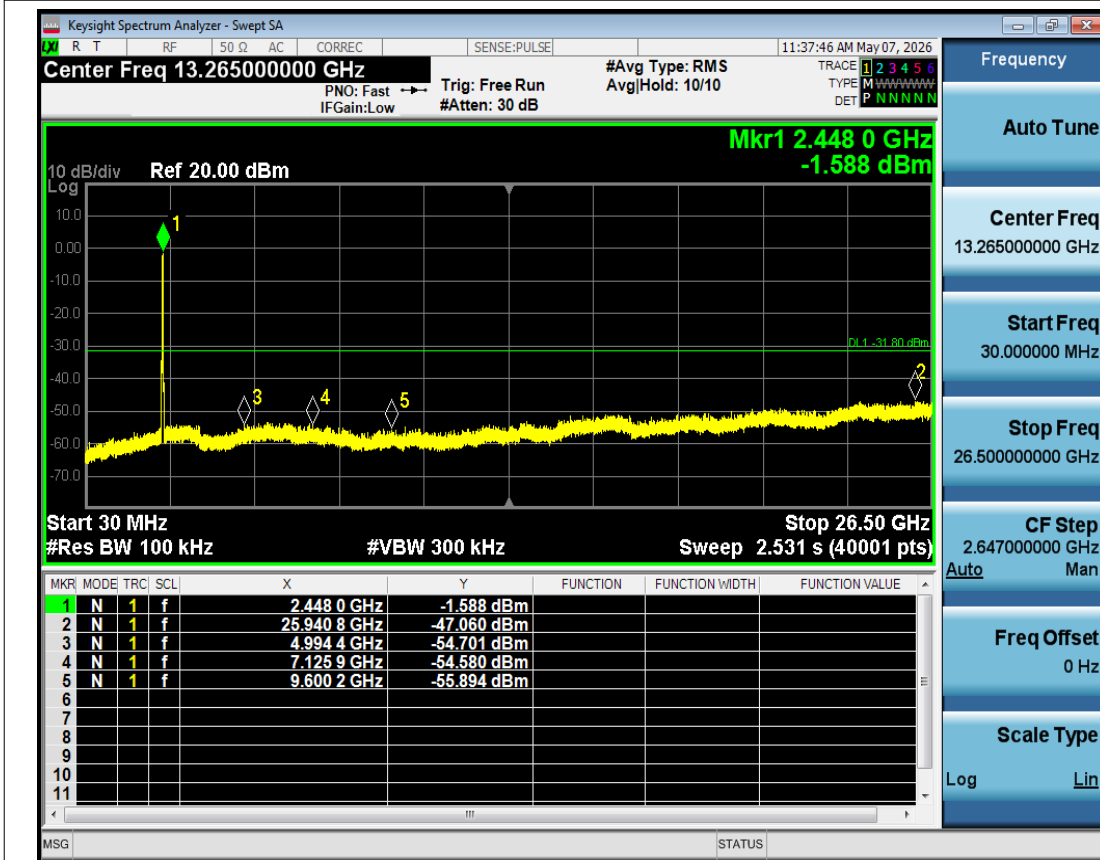
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



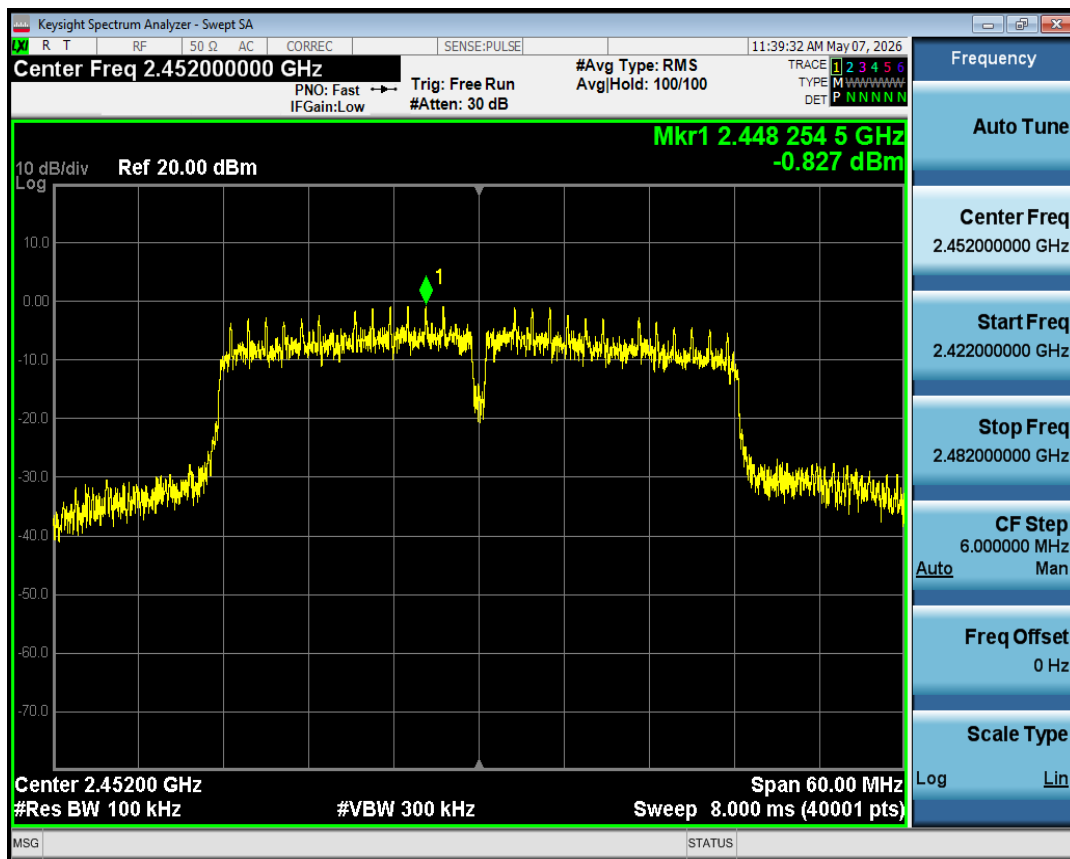
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



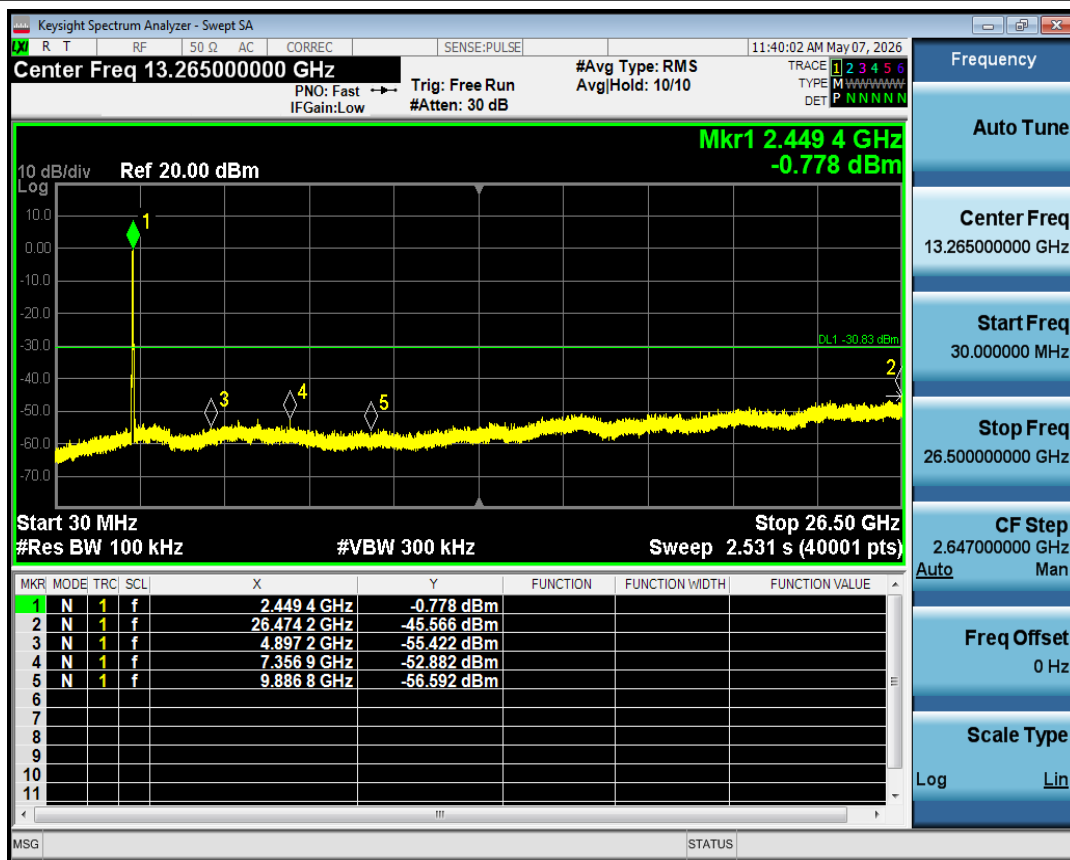
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



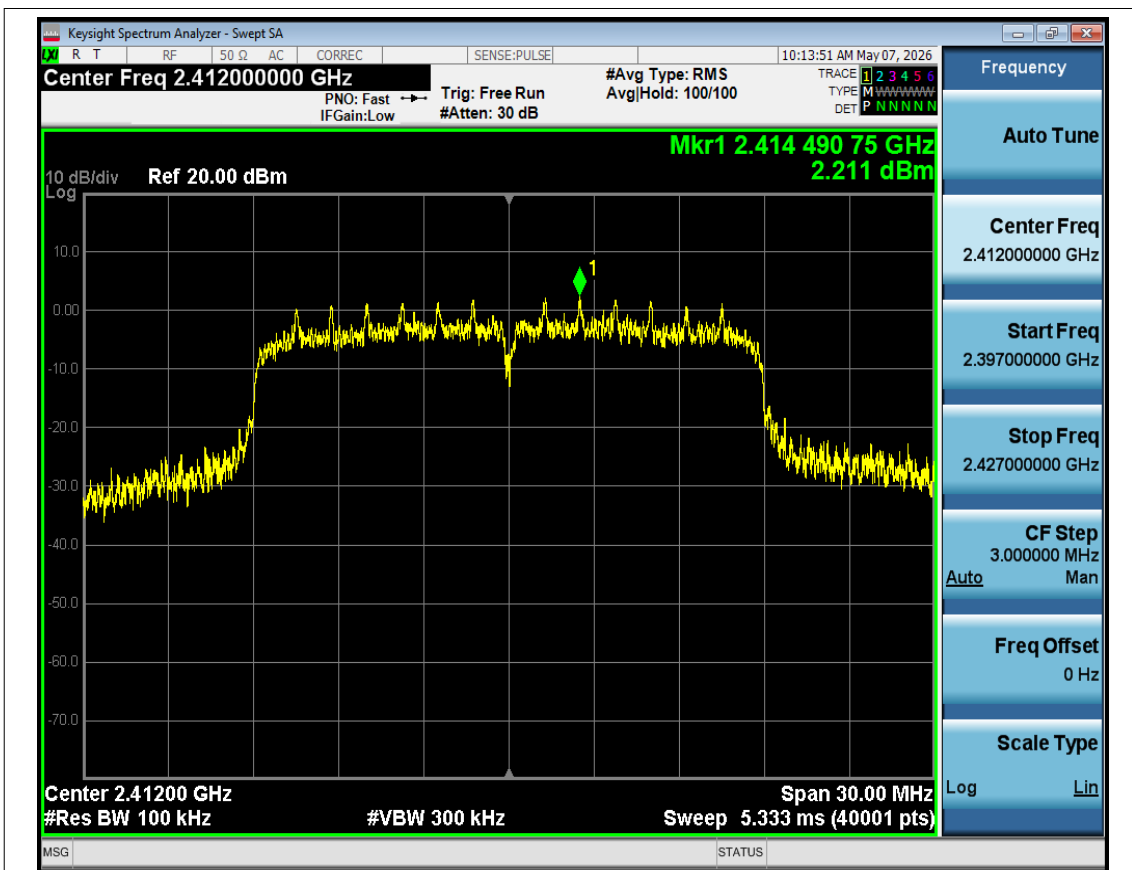
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



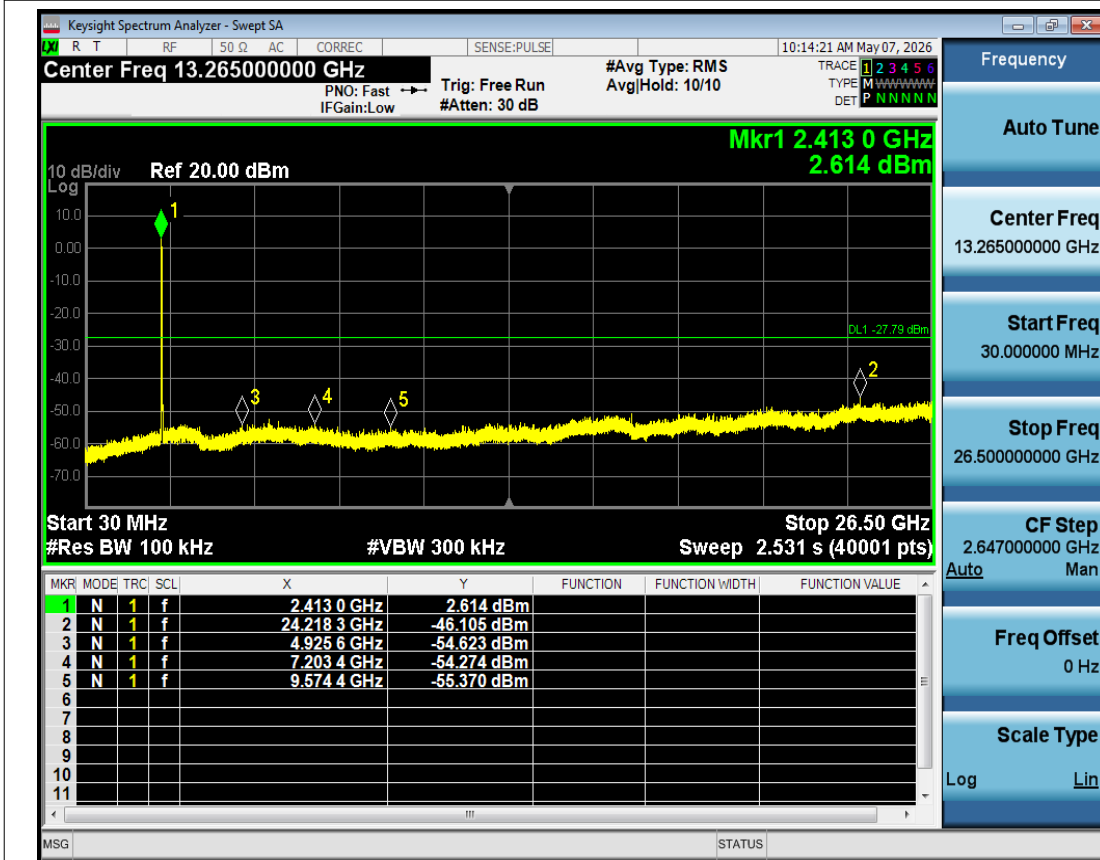
Tx. Spurious NVNT n40 2452MHz Ant1 Ref



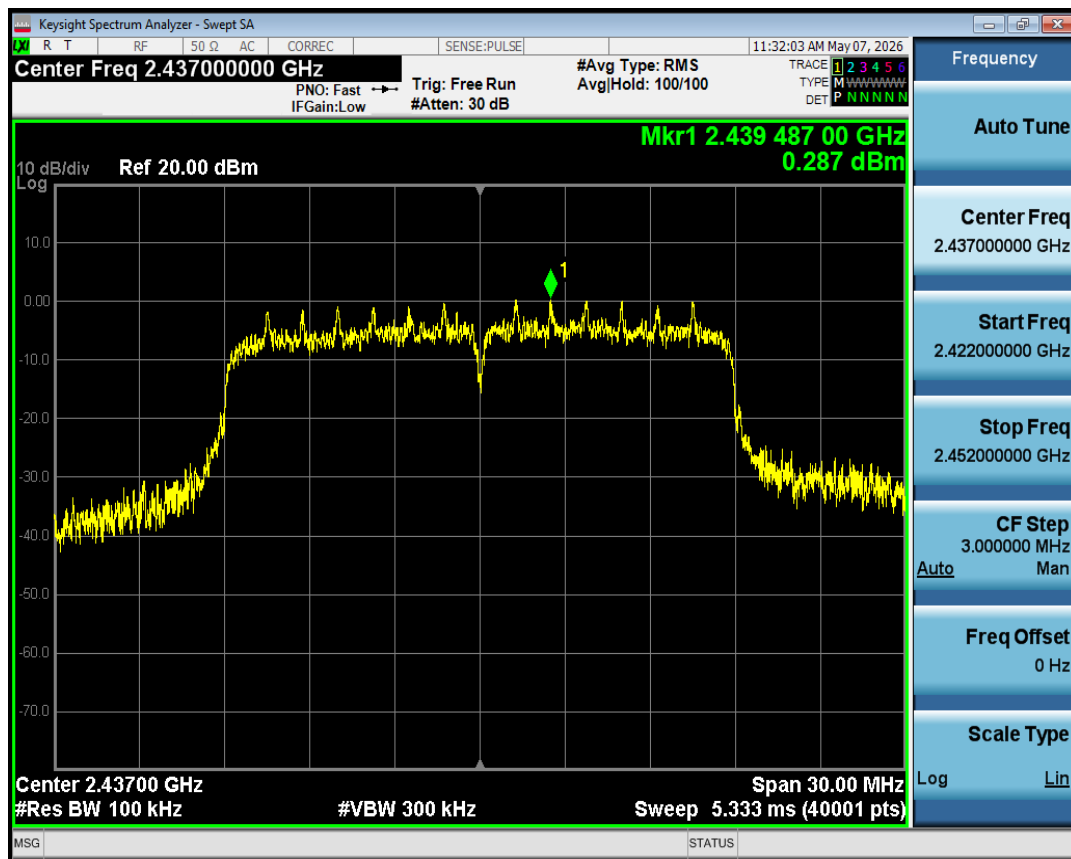
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



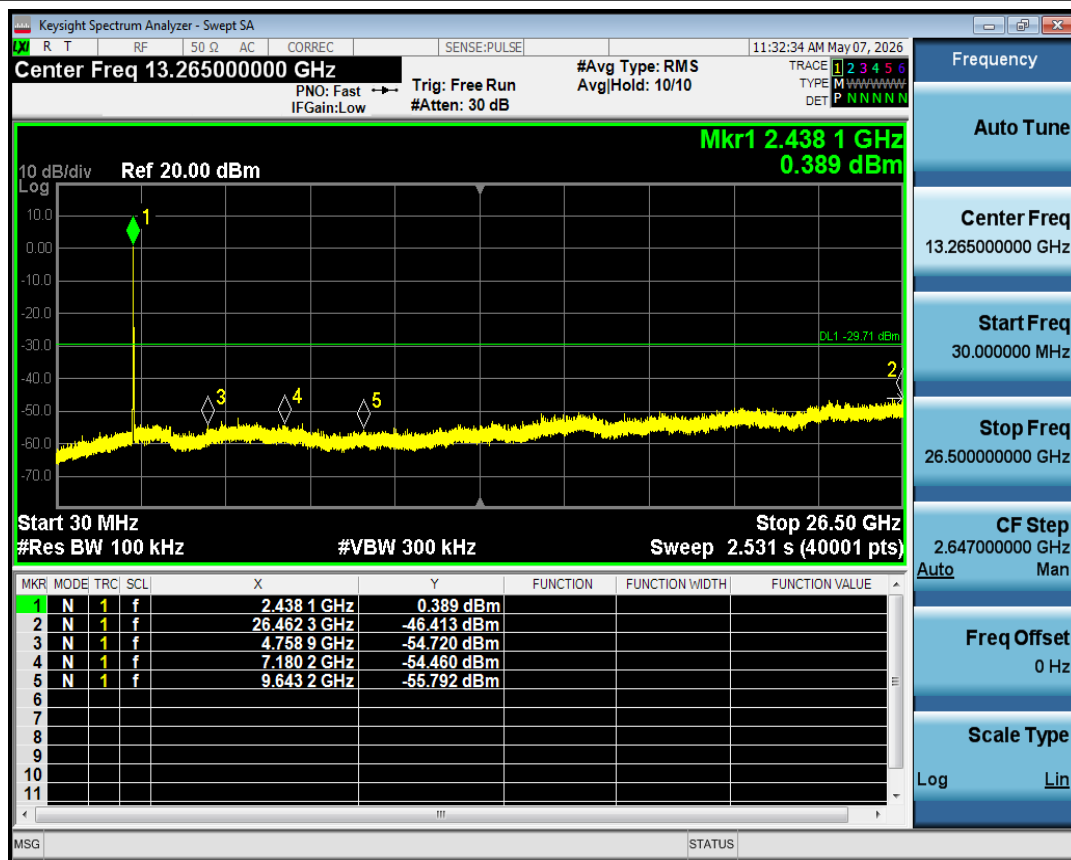
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



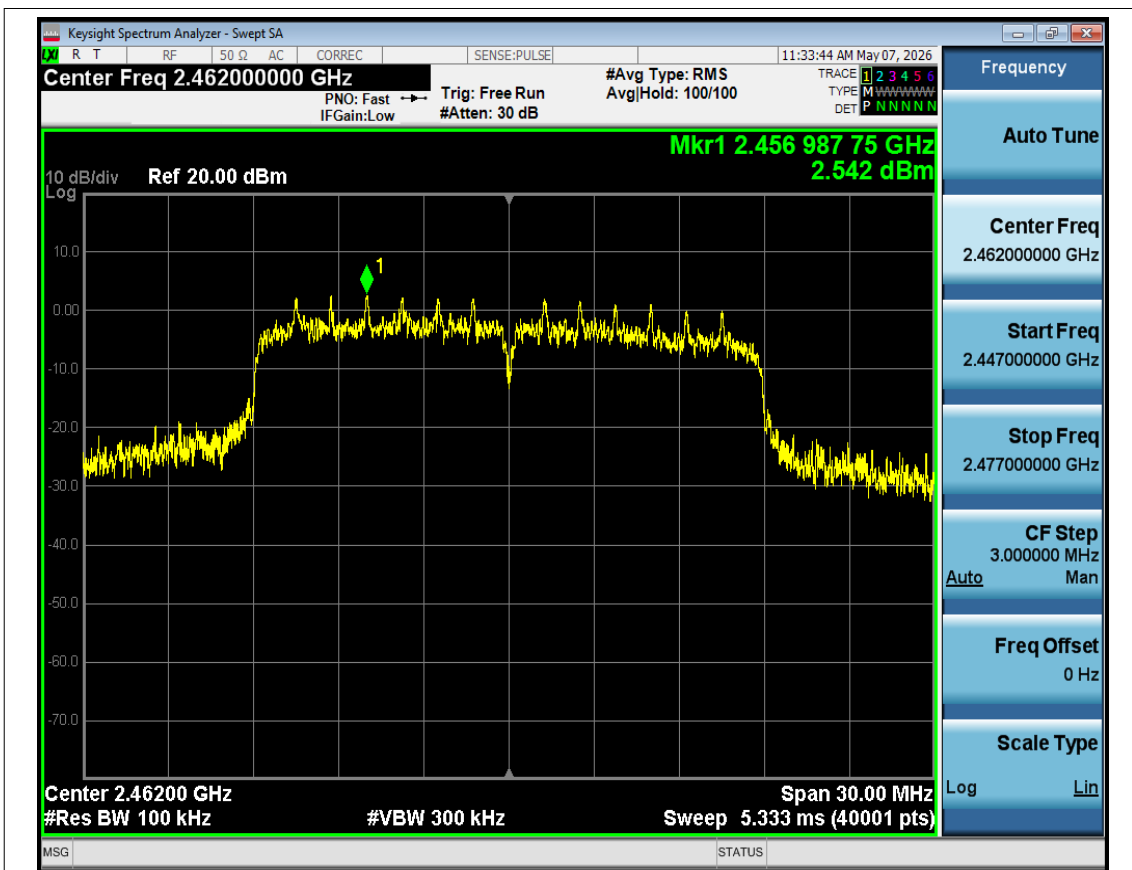
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



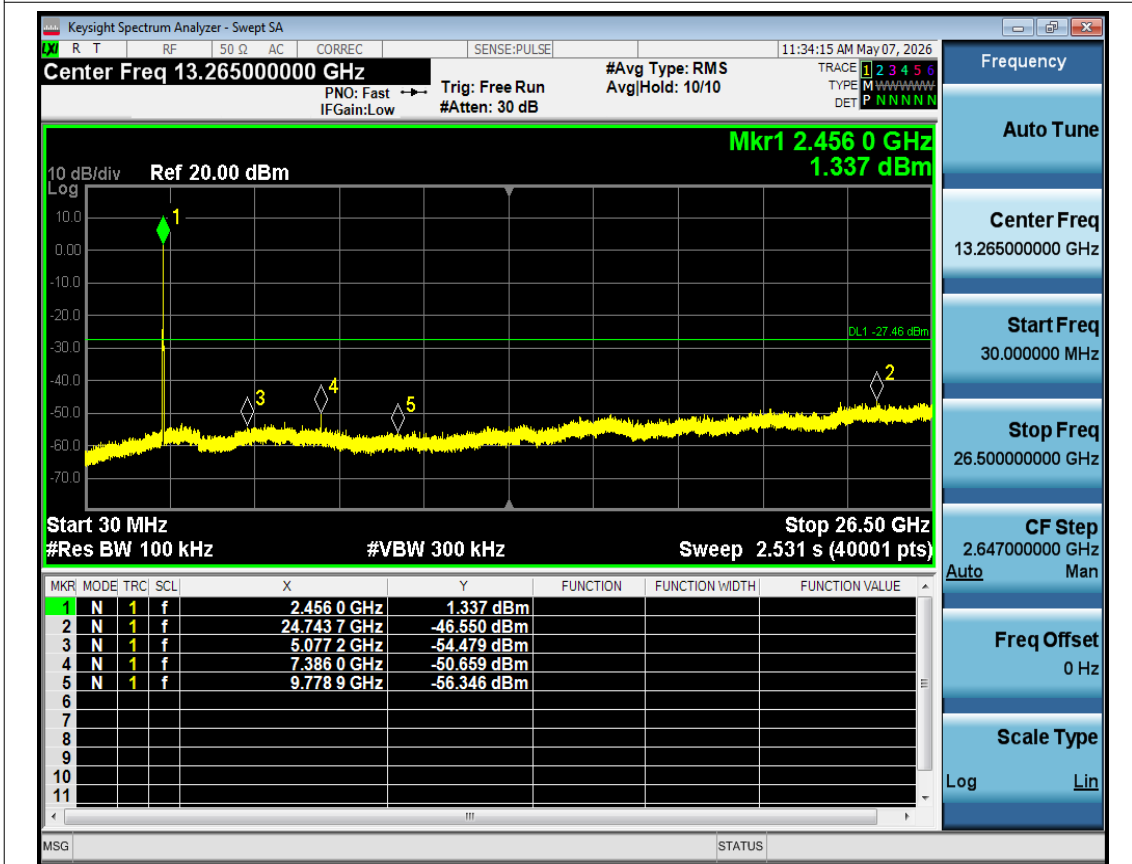
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



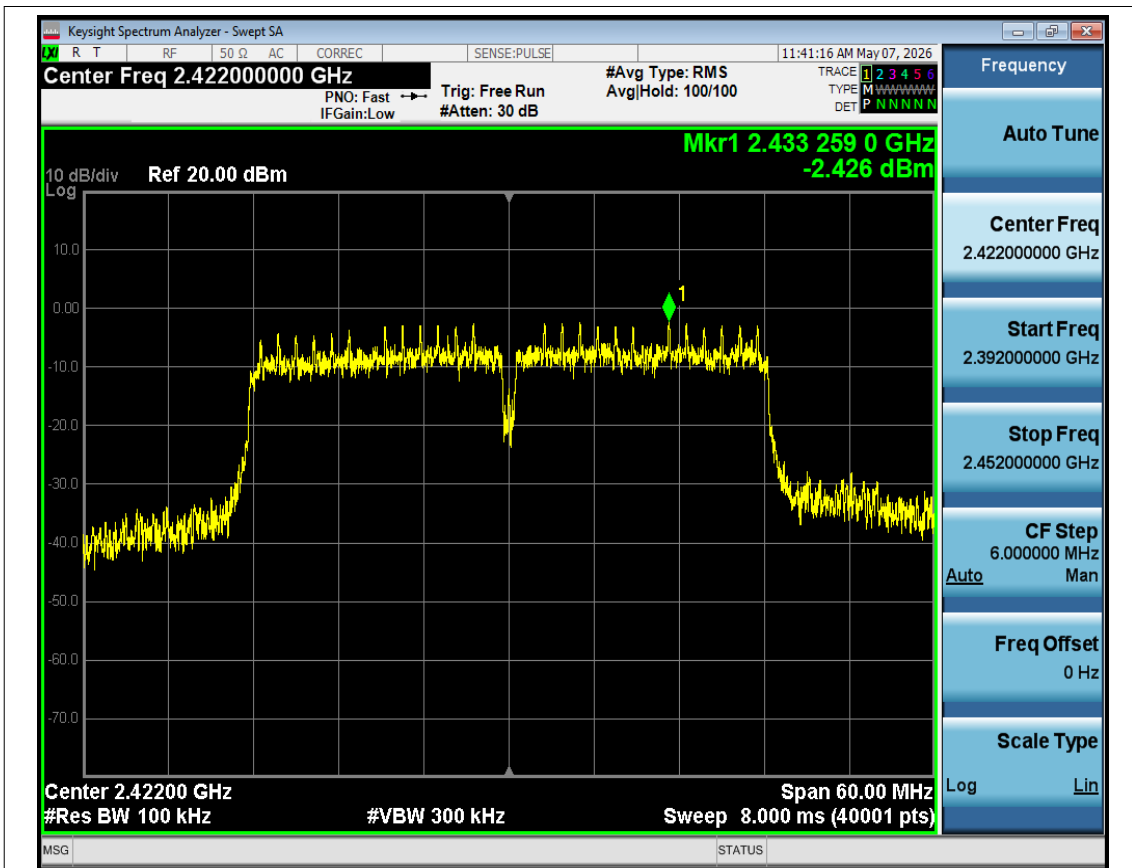
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission



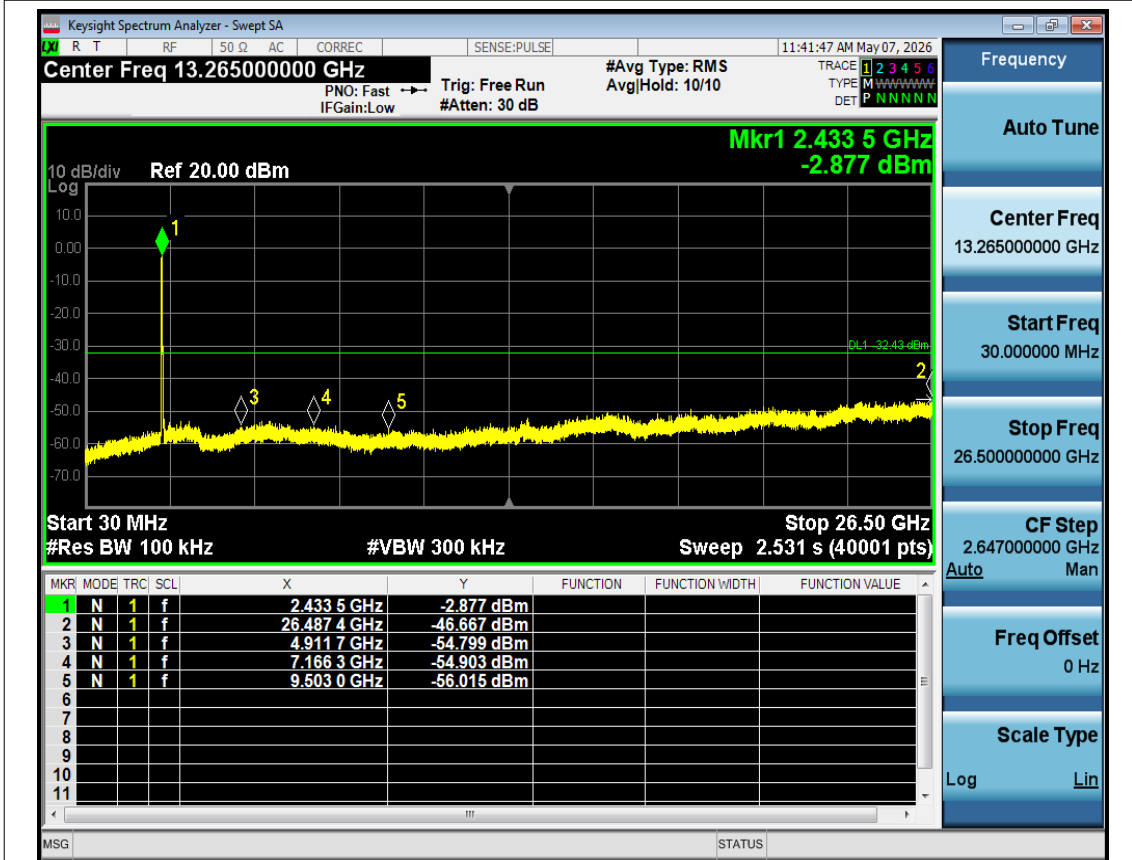
Tx. Spurious NVNT ax20 2462MHz Ant1 Ref



Tx. Spurious NVNT ax20 2462MHz Ant1 Emission



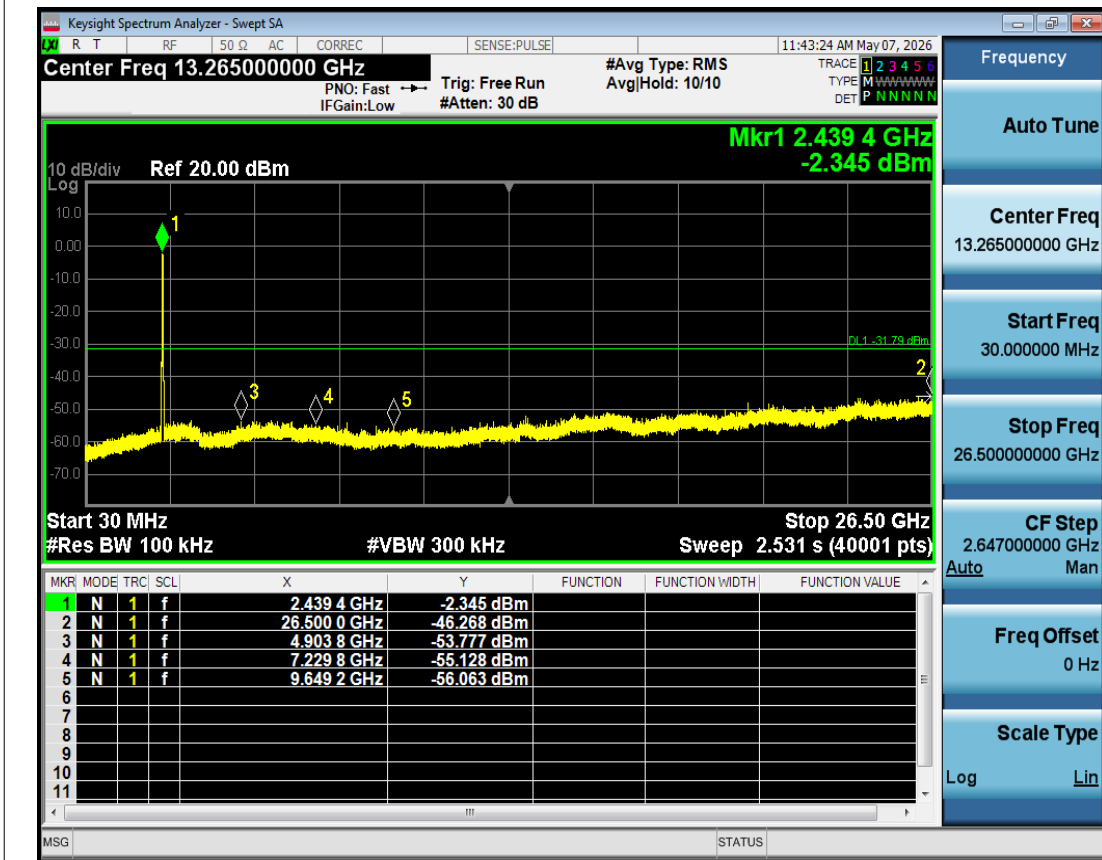
Tx. Spurious NVNT ax40 2422MHz Ant1 Ref



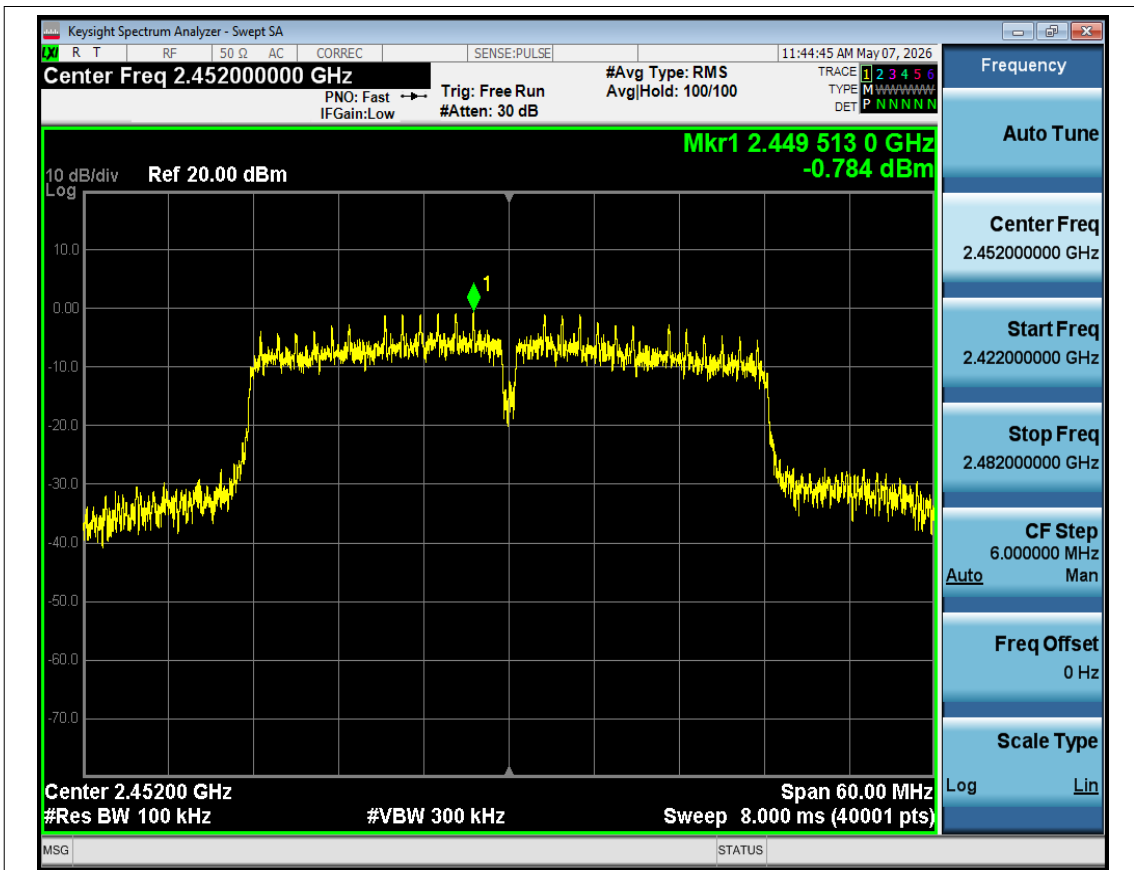
Tx. Spurious NVNT ax40 2422MHz Ant1 Emission



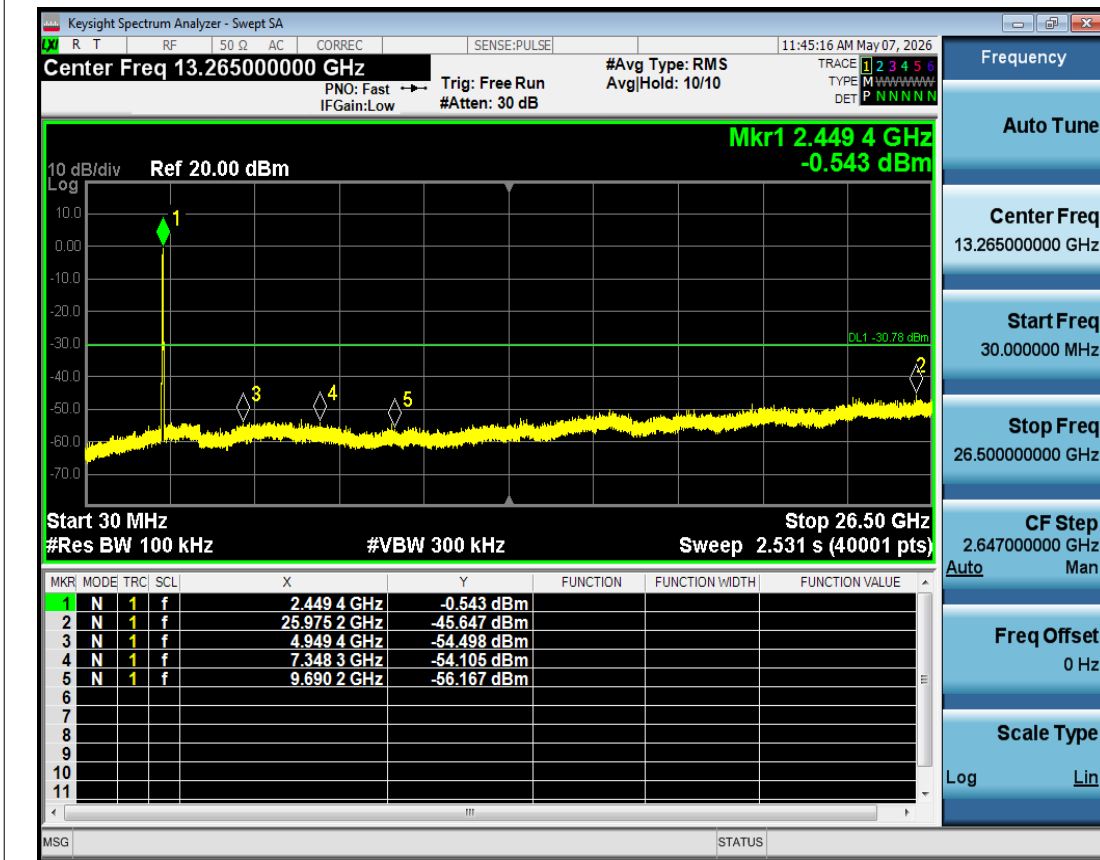
Tx. Spurious NVNT ax40 2437MHz Ant1 Ref



Tx. Spurious NVNT ax40 2437MHz Ant1 Emission



Tx. Spurious NVNT ax40 2452MHz Ant1 Ref



Tx. Spurious NVNT ax40 2452MHz Ant1 Emission