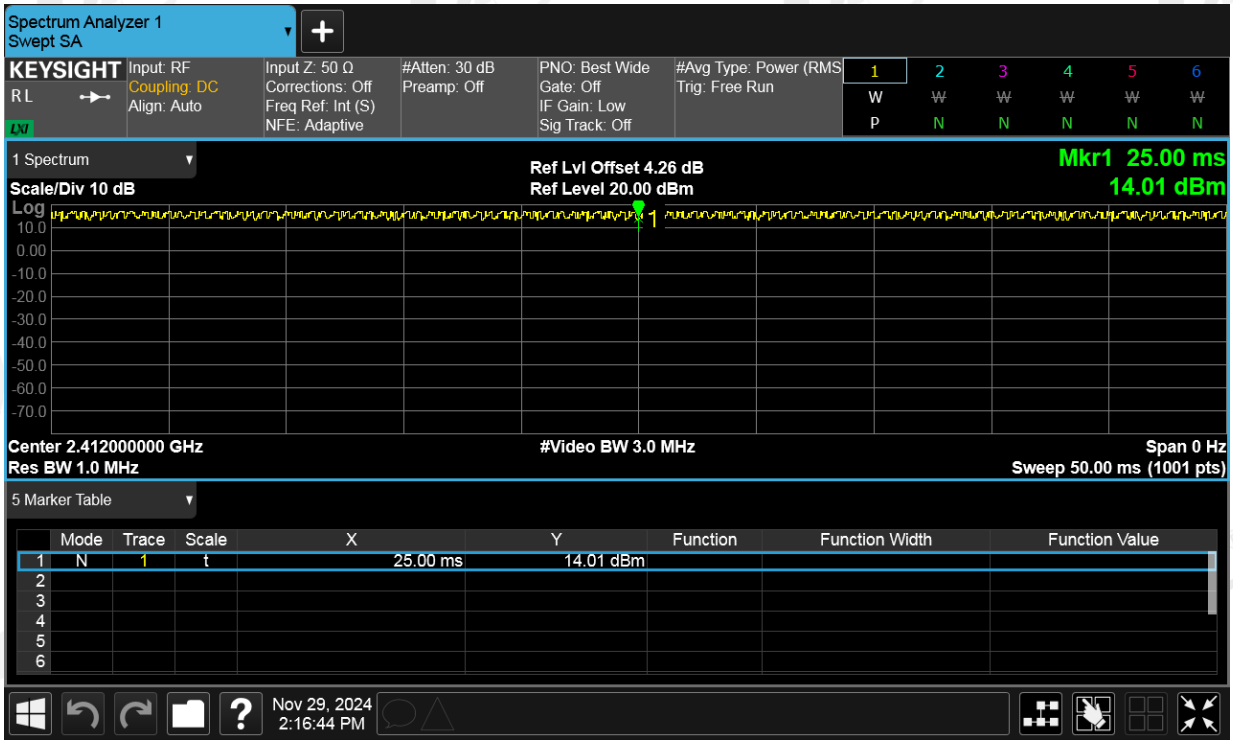
Duty Cycle

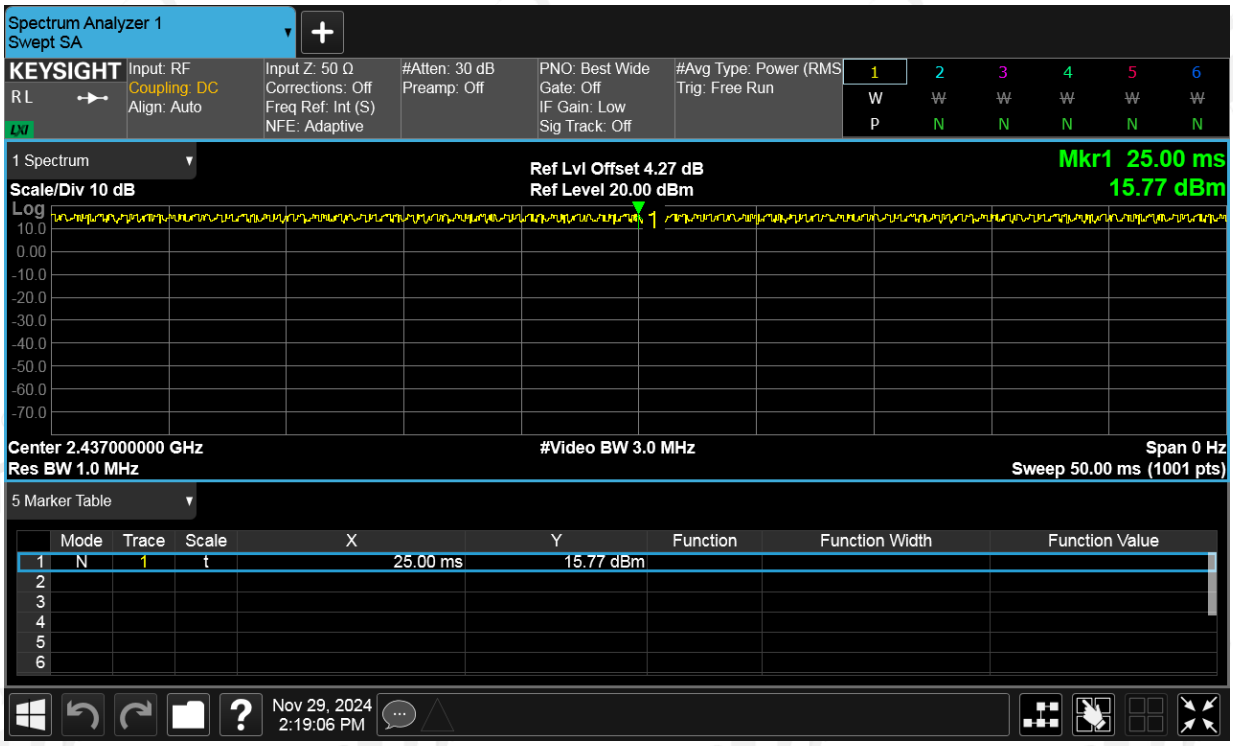
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	Burst Length (ms)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n20	2412	Ant1	100	0	0
NVNT	n20	2437	Ant1	100	0	0
NVNT	n20	2462	Ant1	100	0	0
NVNT	n40	2422	Ant1	100	0	0
NVNT	n40	2437	Ant1	100	0	0
NVNT	n40	2452	Ant1	100	0	0

Test Graphs

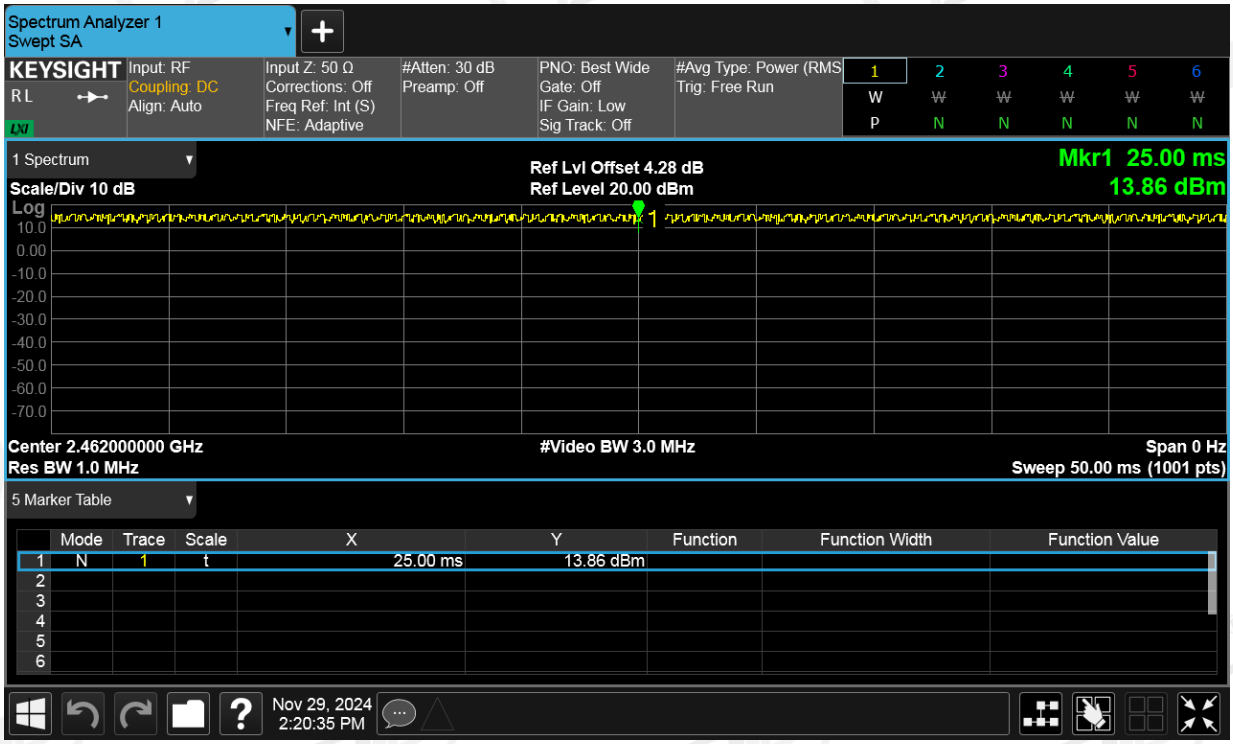
Duty Cycle NVNT b 2412MHz Ant1



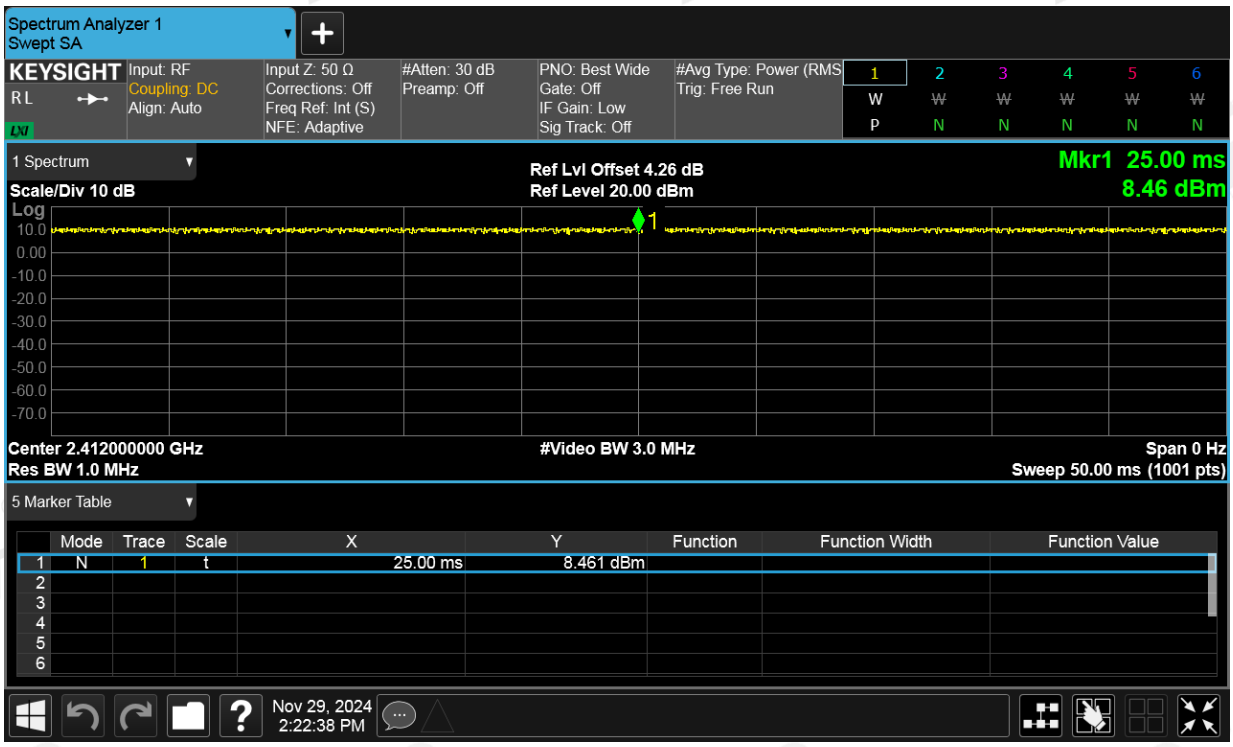
Duty Cycle NVNT b 2437MHz Ant1



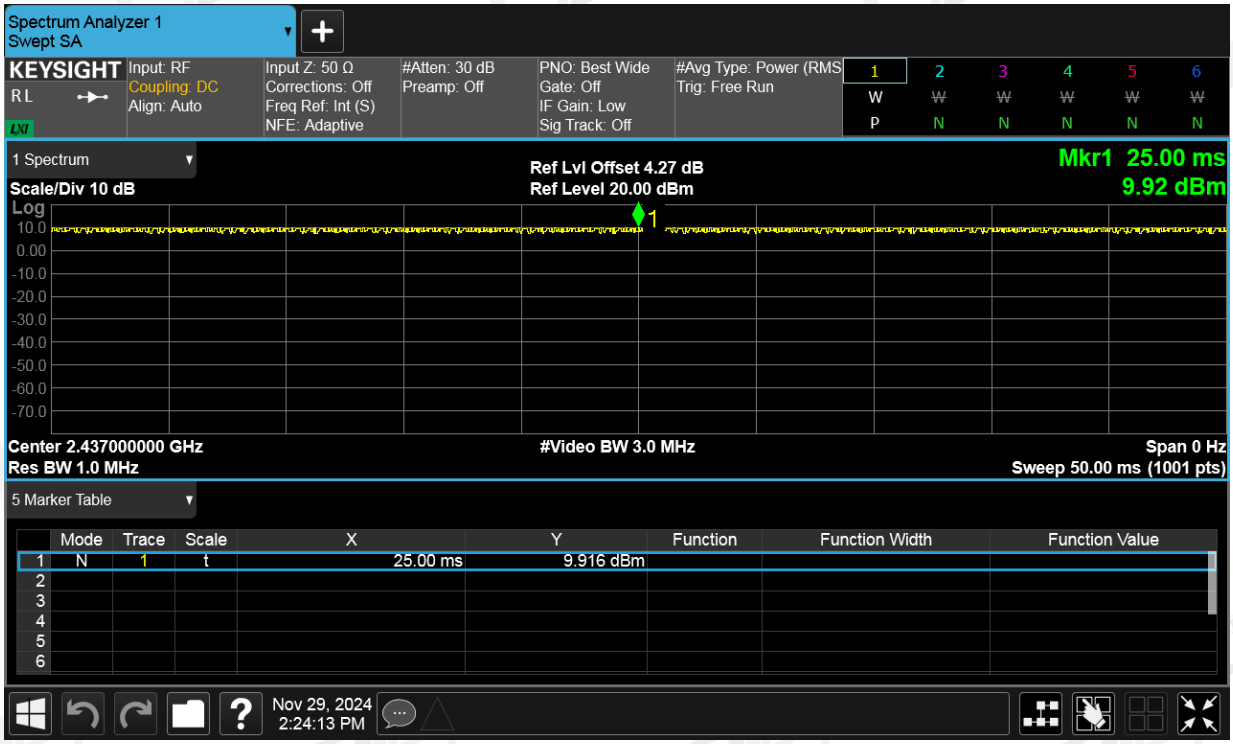
Duty Cycle NVNT b 2462MHz Ant1



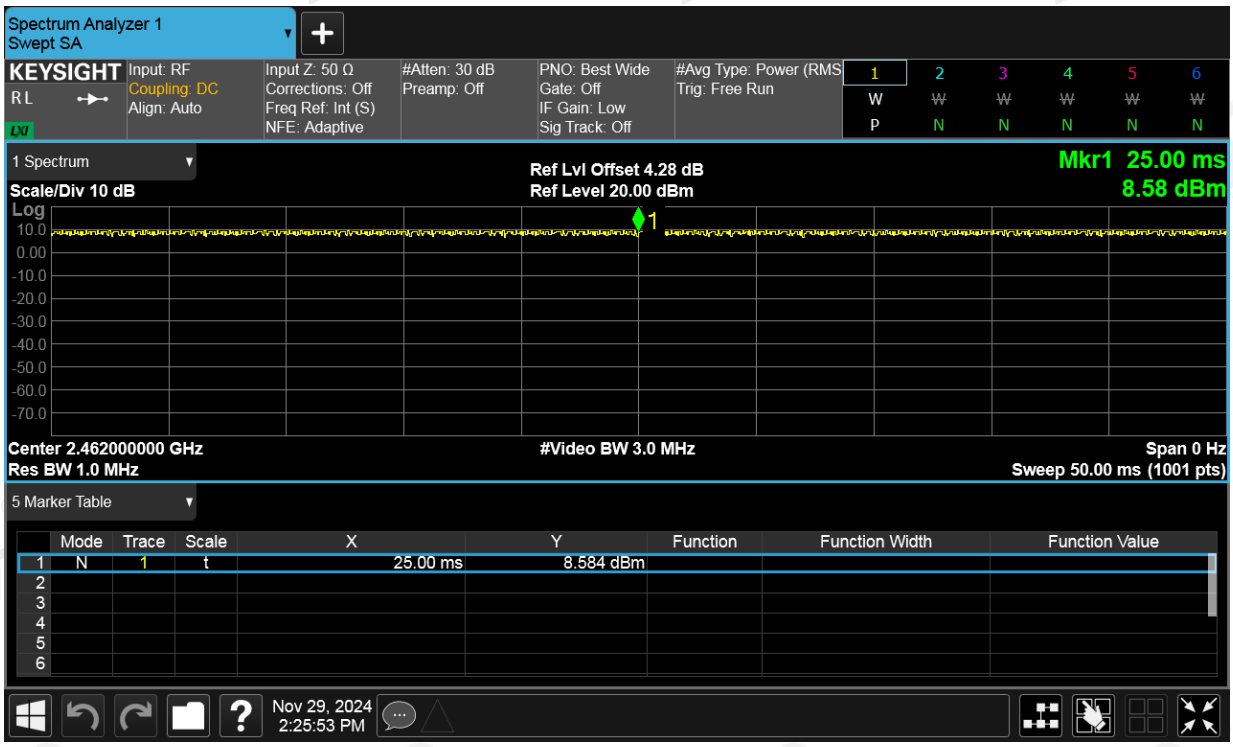
Duty Cycle NVNT g 2412MHz Ant1



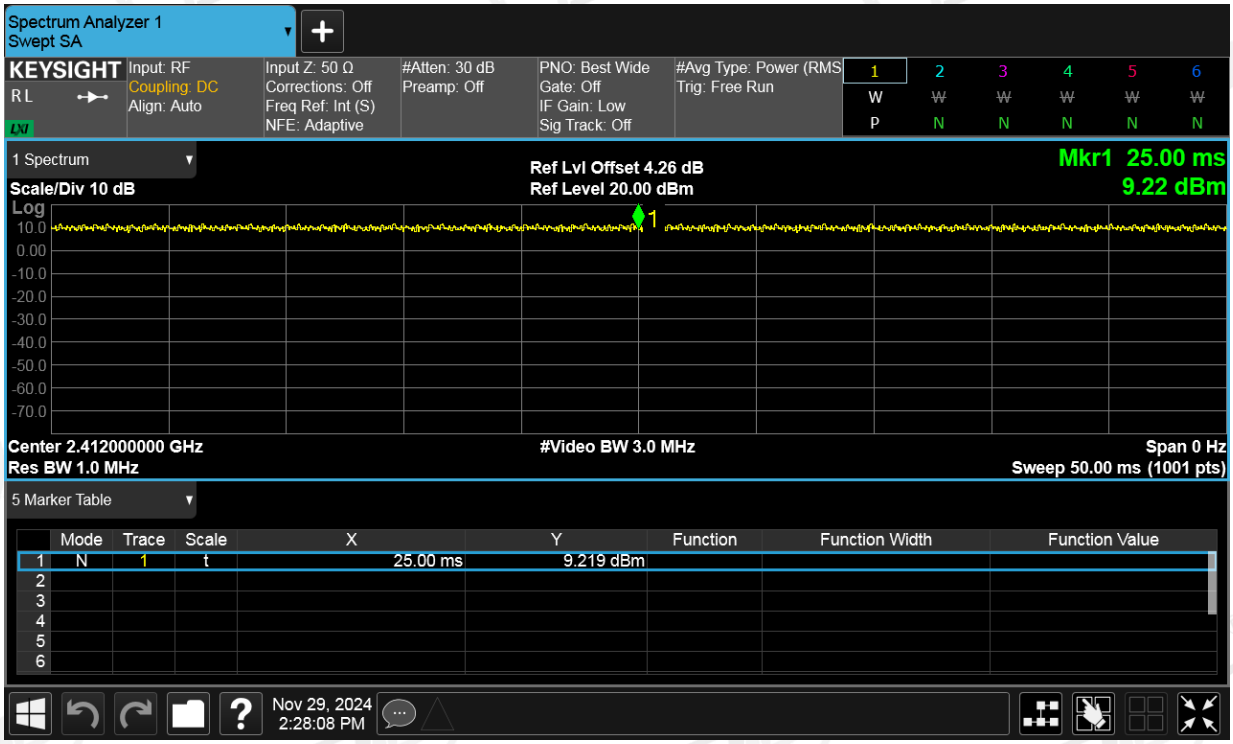
Duty Cycle NVNT g 2437MHz Ant1



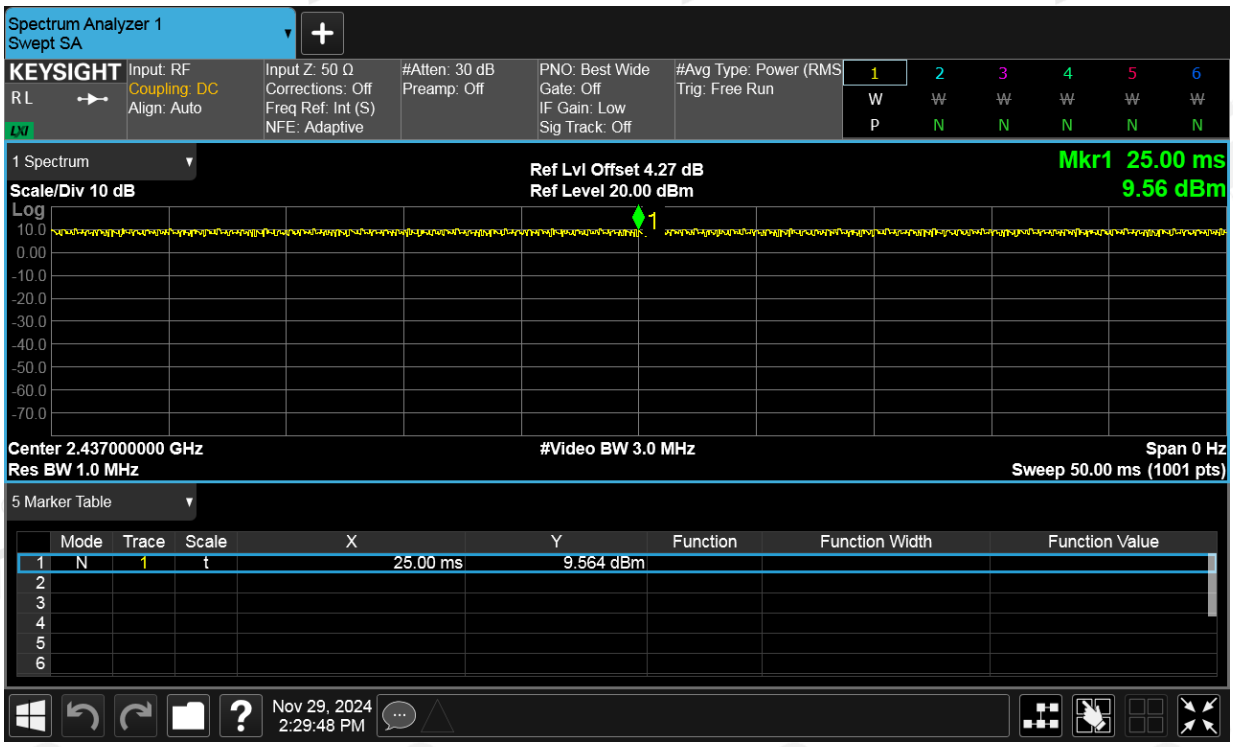
Duty Cycle NVNT g 2462MHz Ant1



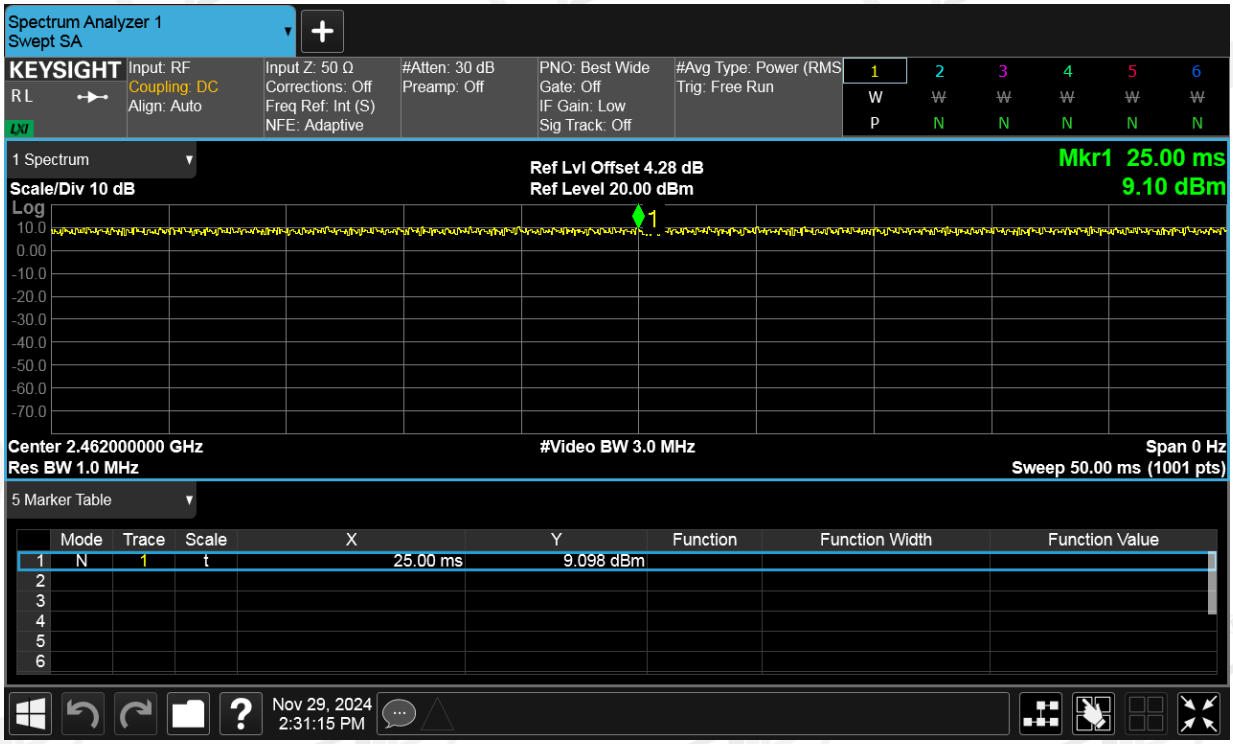
Duty Cycle NVNT n20 2412MHz Ant1



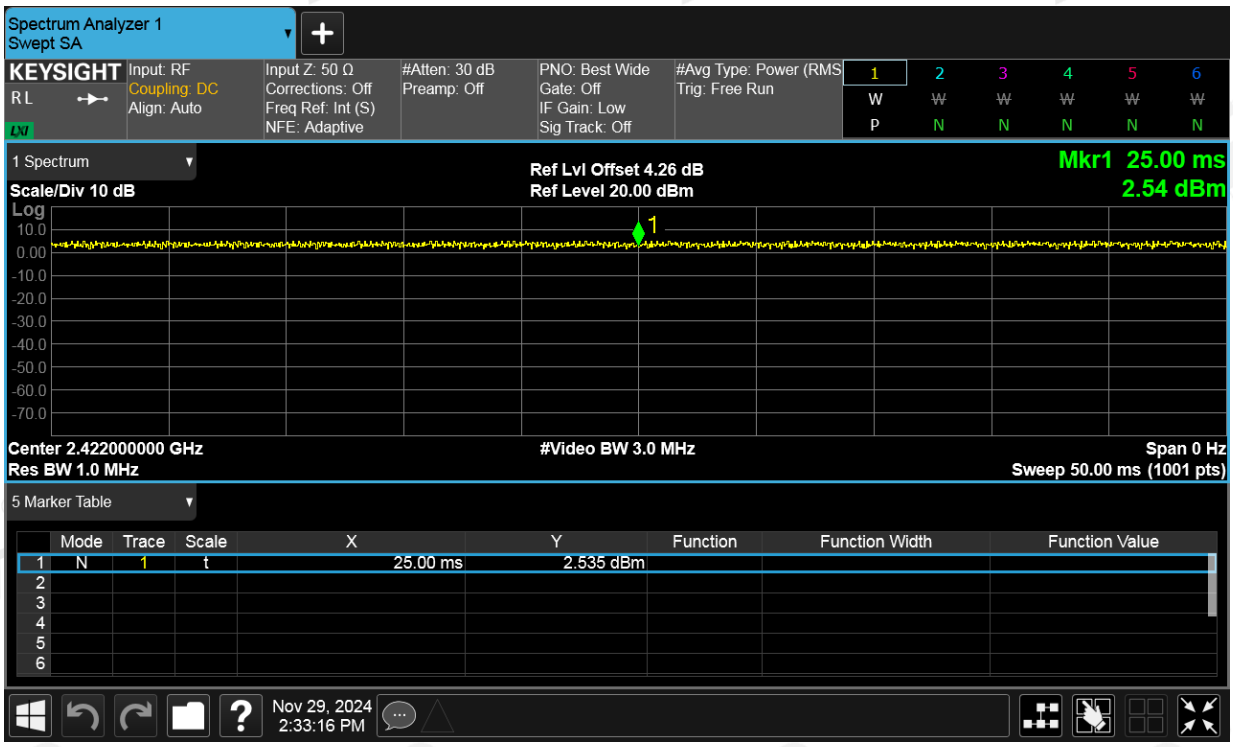
Duty Cycle NVNT n20 2437MHz Ant1



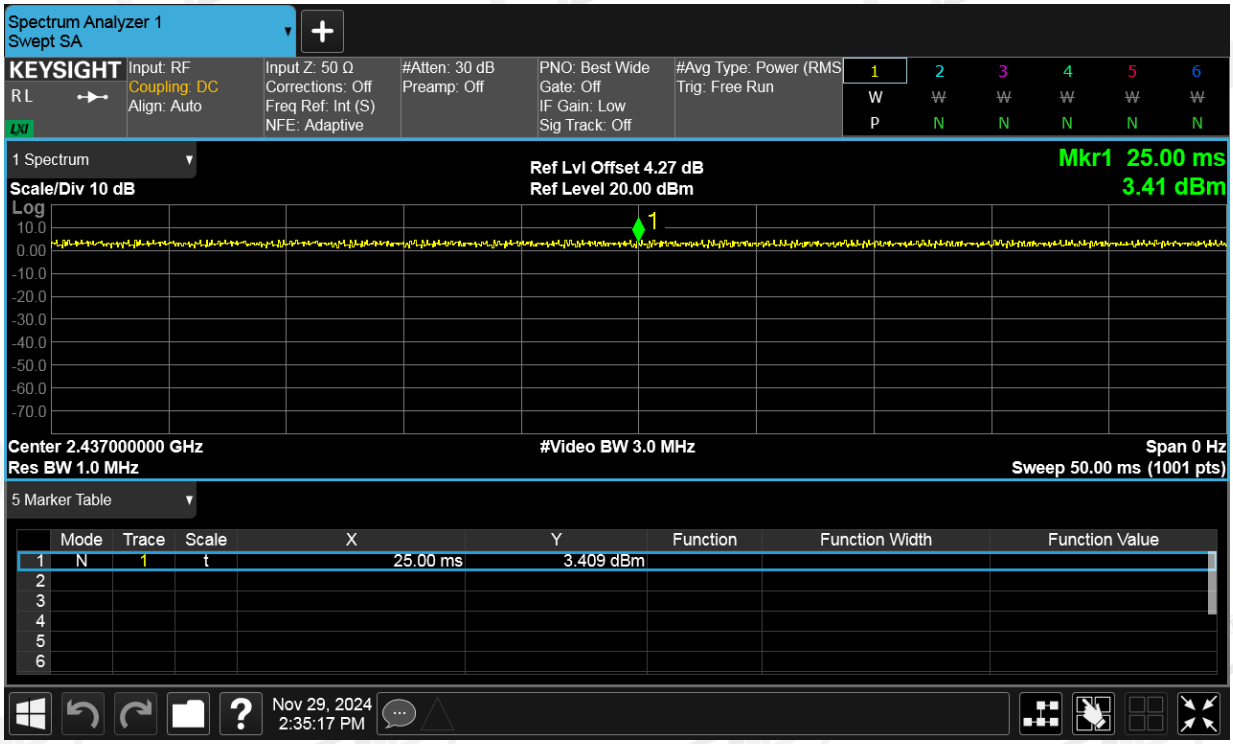
Duty Cycle NVNT n20 2462MHz Ant1



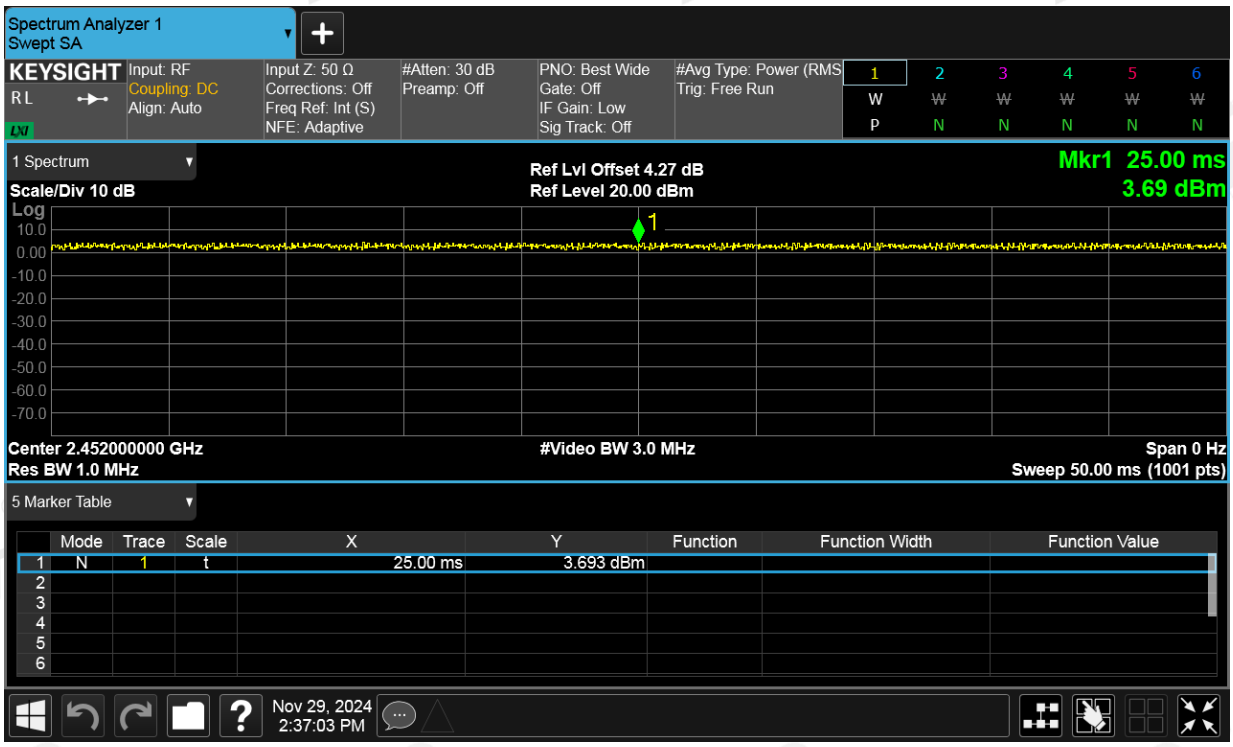
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1

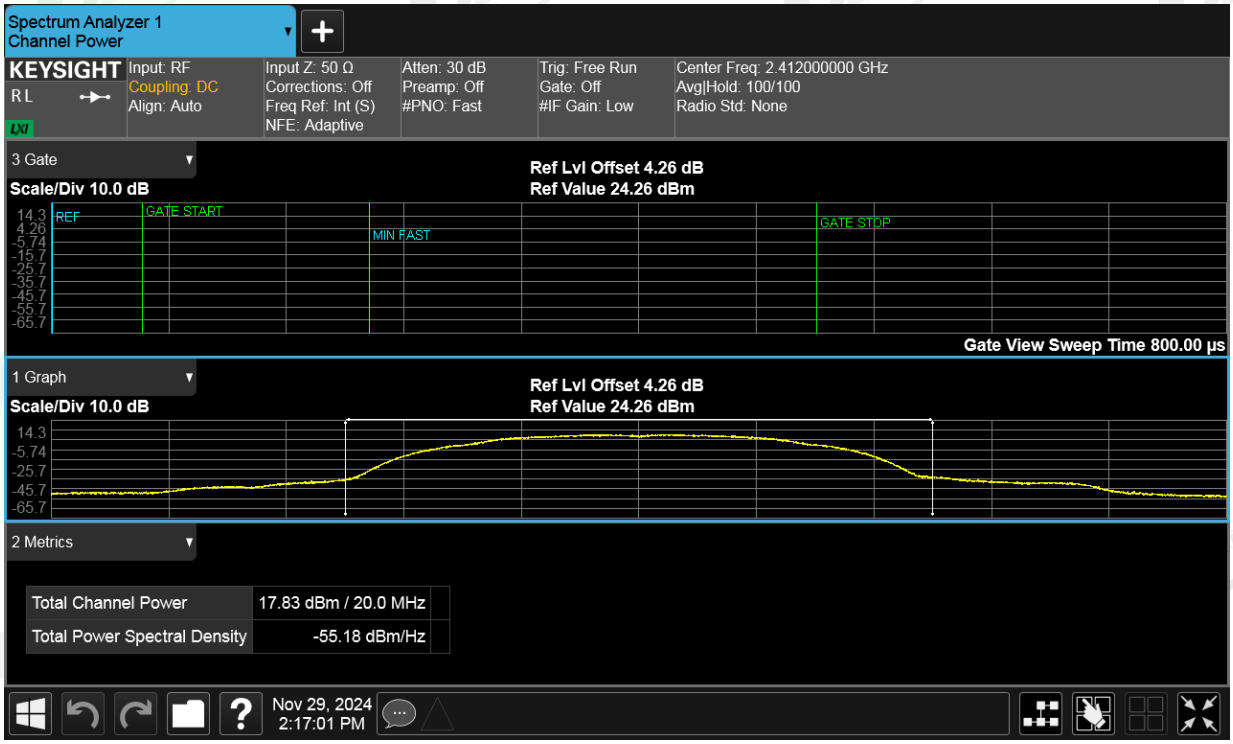


Maximum Conducted Output Power

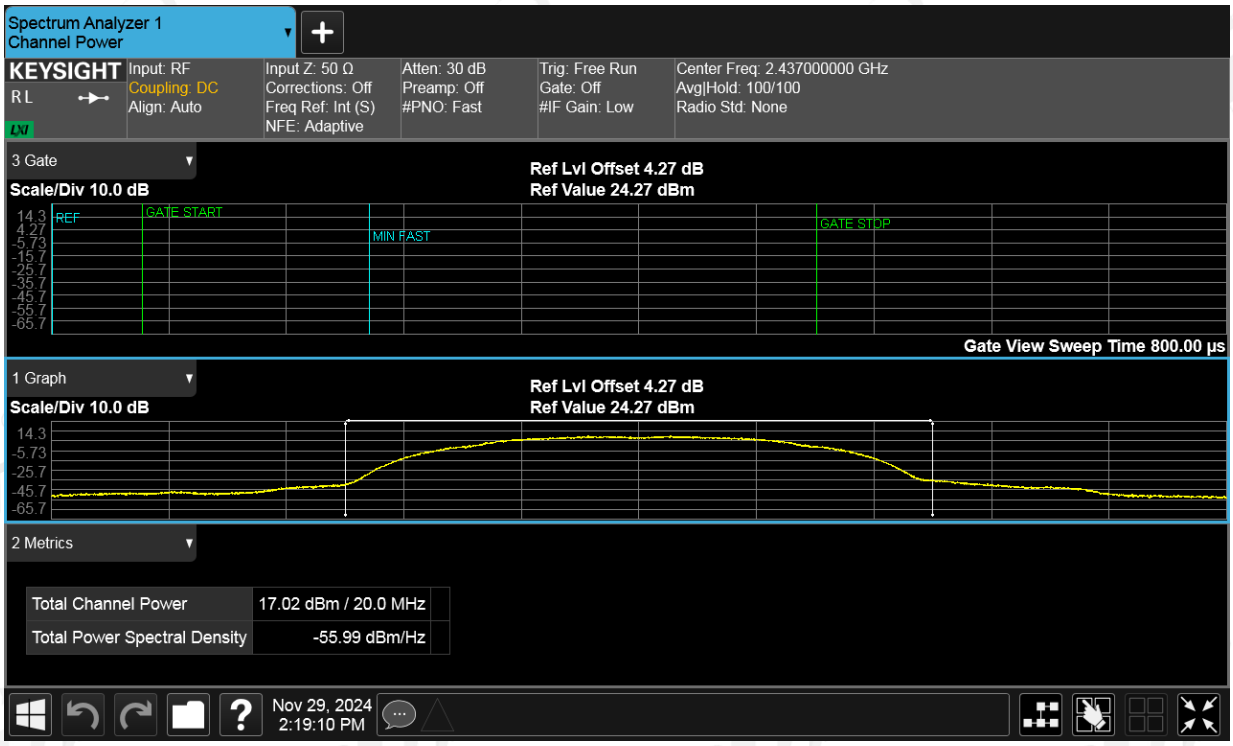
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	17.83	0	17.83	30	Pass
NVNT	b	2437	Ant1	17.02	0	17.02	30	Pass
NVNT	b	2462	Ant1	16.69	0	16.69	30	Pass
NVNT	g	2412	Ant1	15.84	0	15.84	30	Pass
NVNT	g	2437	Ant1	14.97	0	14.97	30	Pass
NVNT	g	2462	Ant1	14.7	0	14.7	30	Pass
NVNT	n20	2412	Ant1	15.95	0	15.95	30	Pass
NVNT	n20	2437	Ant1	14.83	0	14.83	30	Pass
NVNT	n20	2462	Ant1	14.51	0	14.51	30	Pass
NVNT	n40	2422	Ant1	15.01	0	15.01	30	Pass
NVNT	n40	2437	Ant1	14.27	0	14.27	30	Pass
NVNT	n40	2452	Ant1	14.07	0	14.07	30	Pass

Test Graphs

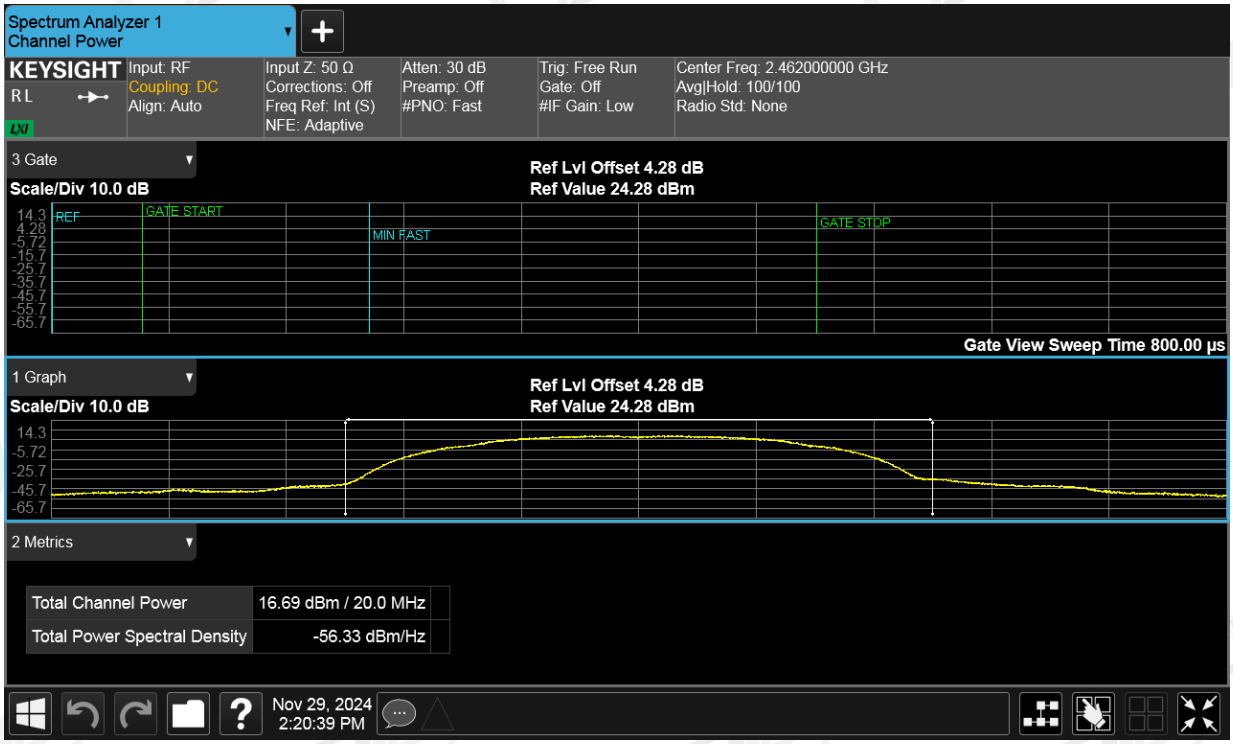
Power NVNT b 2412MHz Ant1



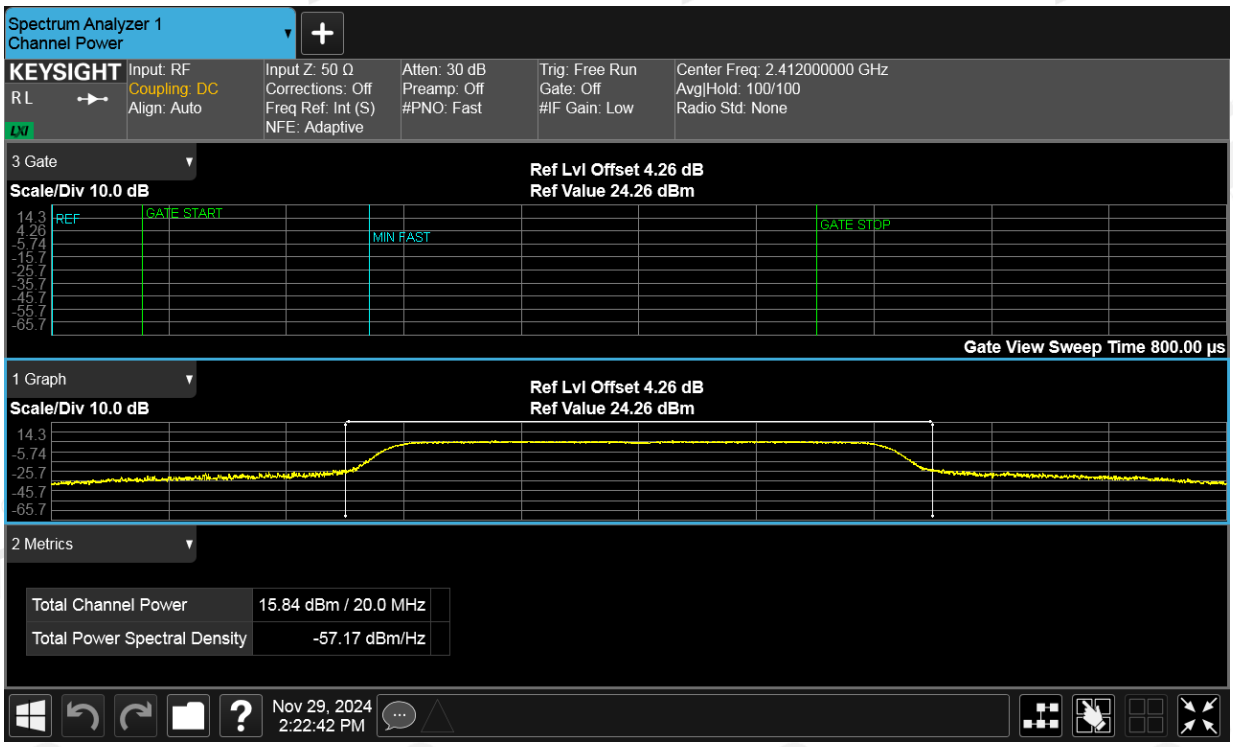
Power NVNT b 2437MHz Ant1



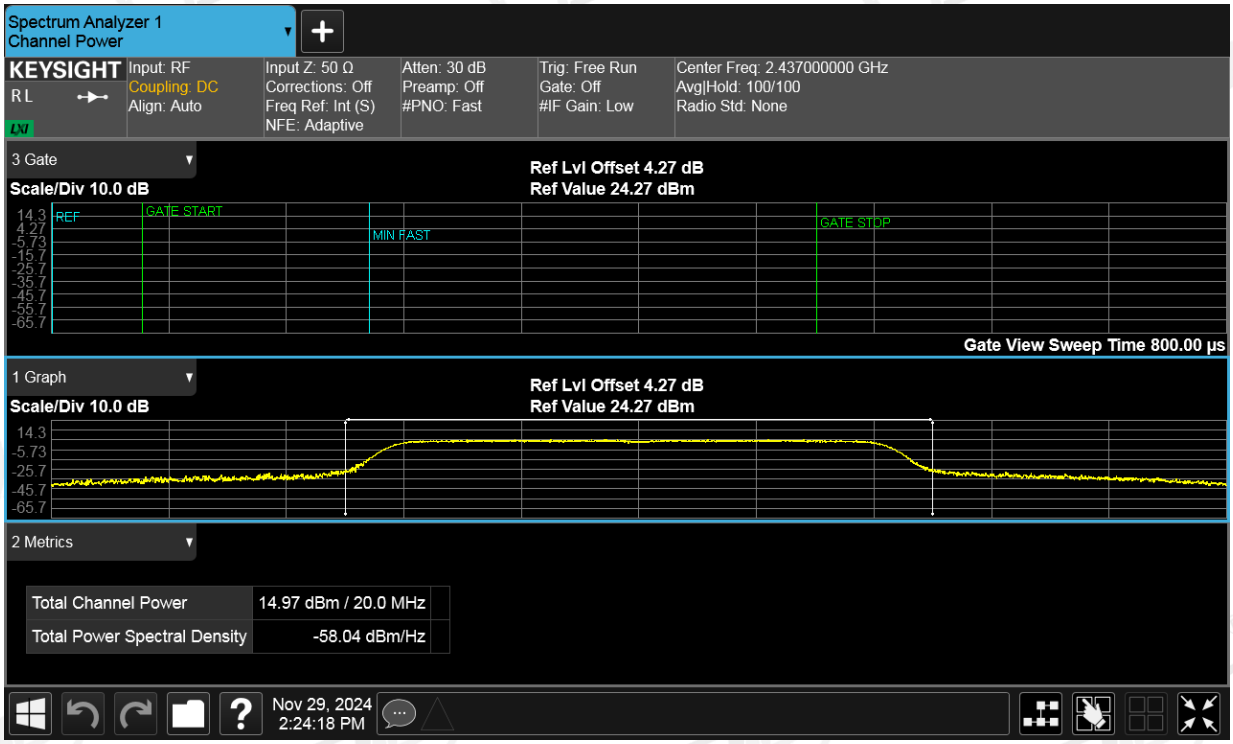
Power NVNT b 2462MHz Ant1



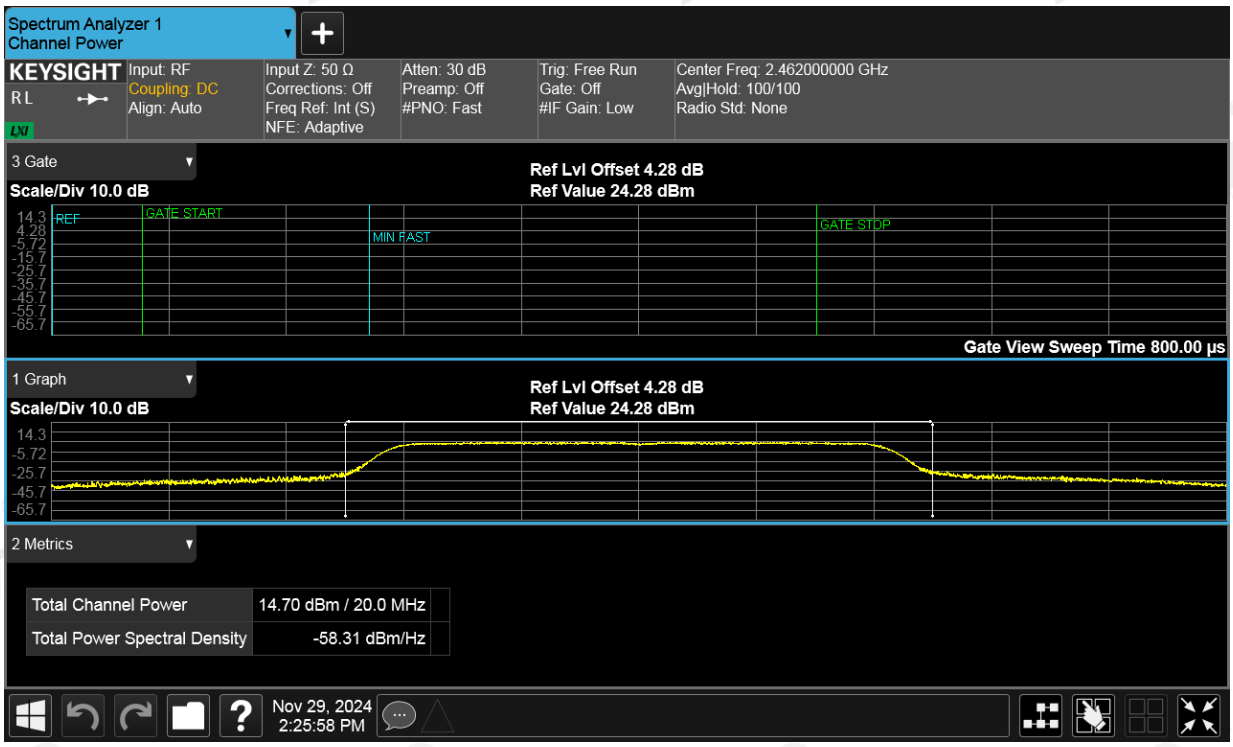
Power NVNT g 2412MHz Ant1



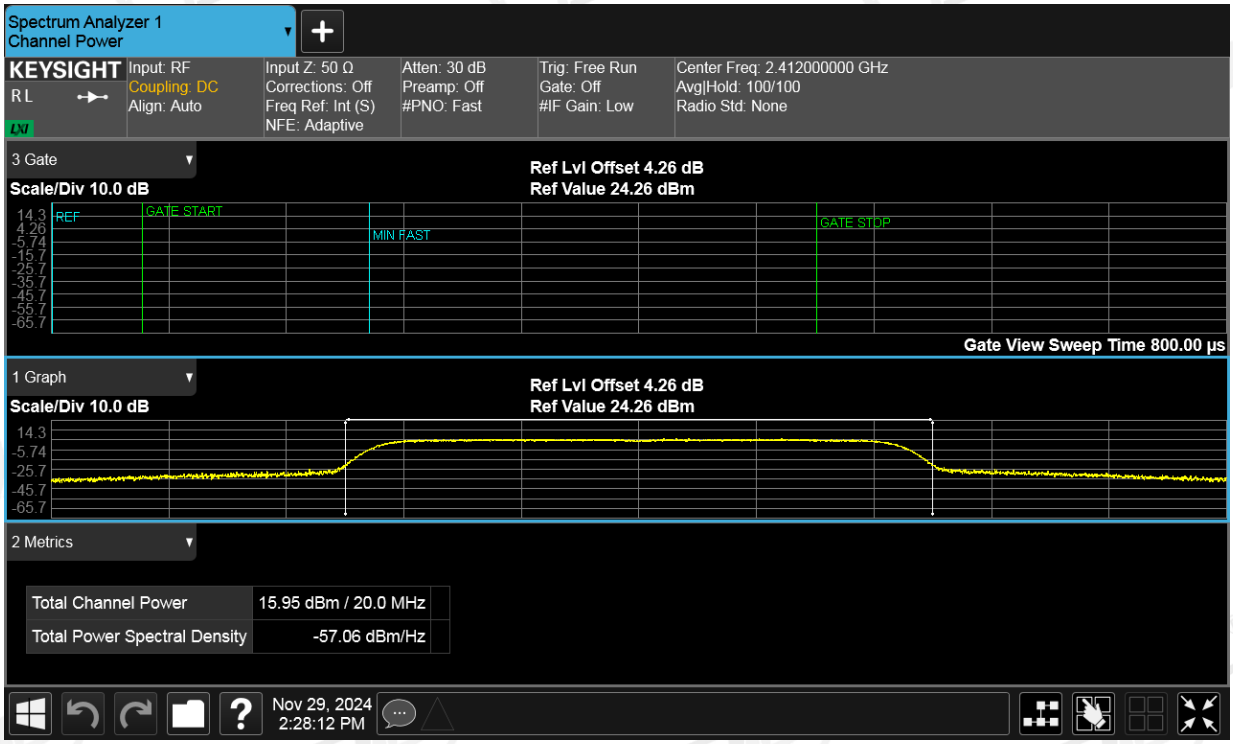
Power NVNT g 2437MHz Ant1



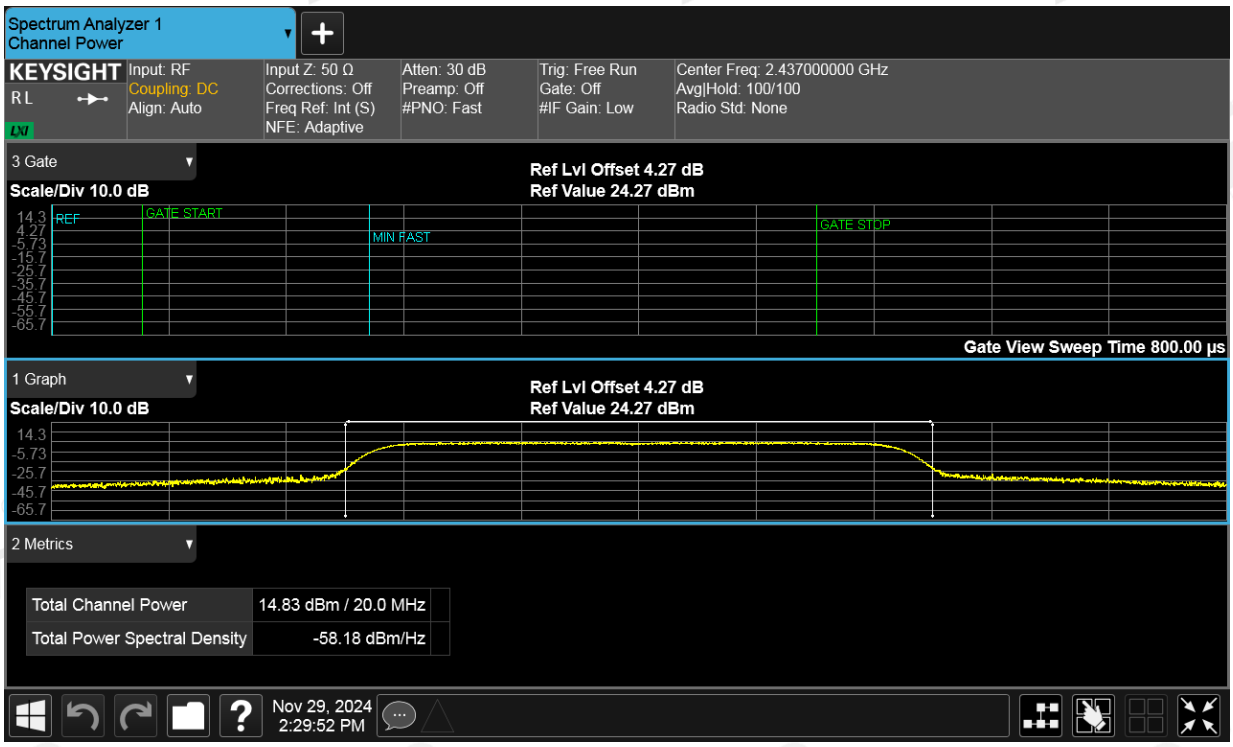
Power NVNT g 2462MHz Ant1



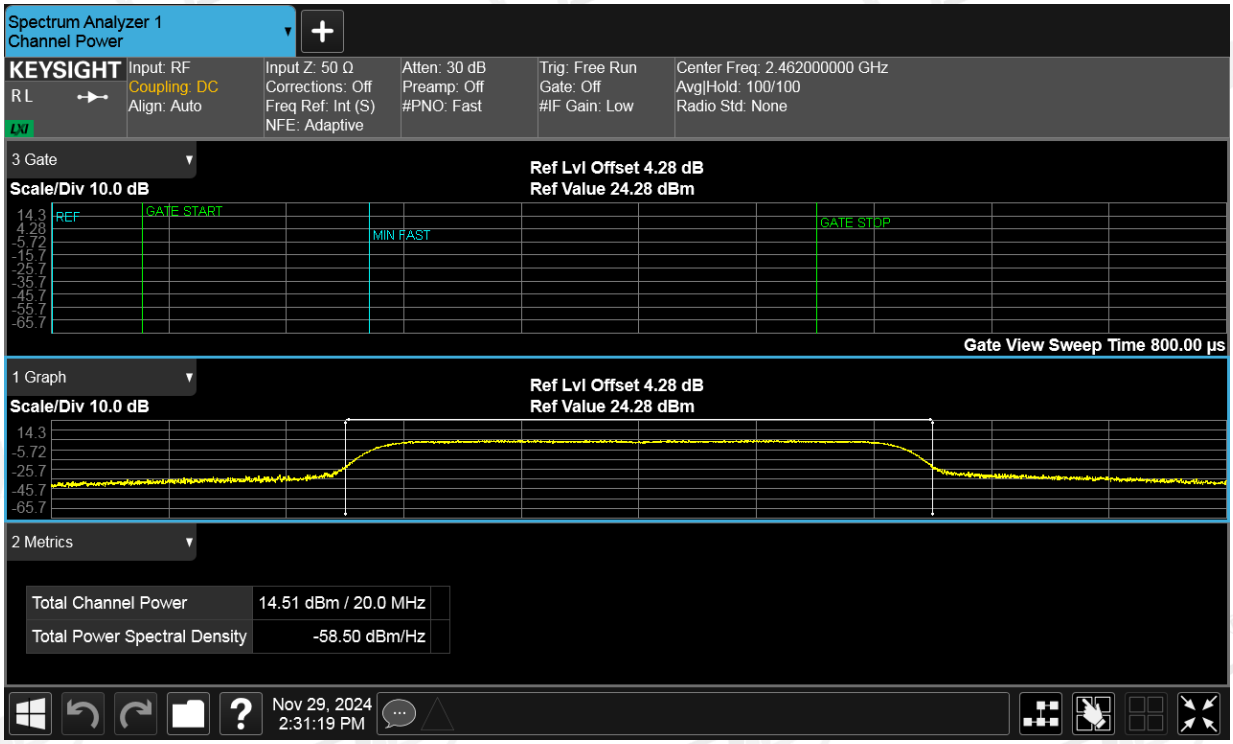
Power NVNT n20 2412MHz Ant1



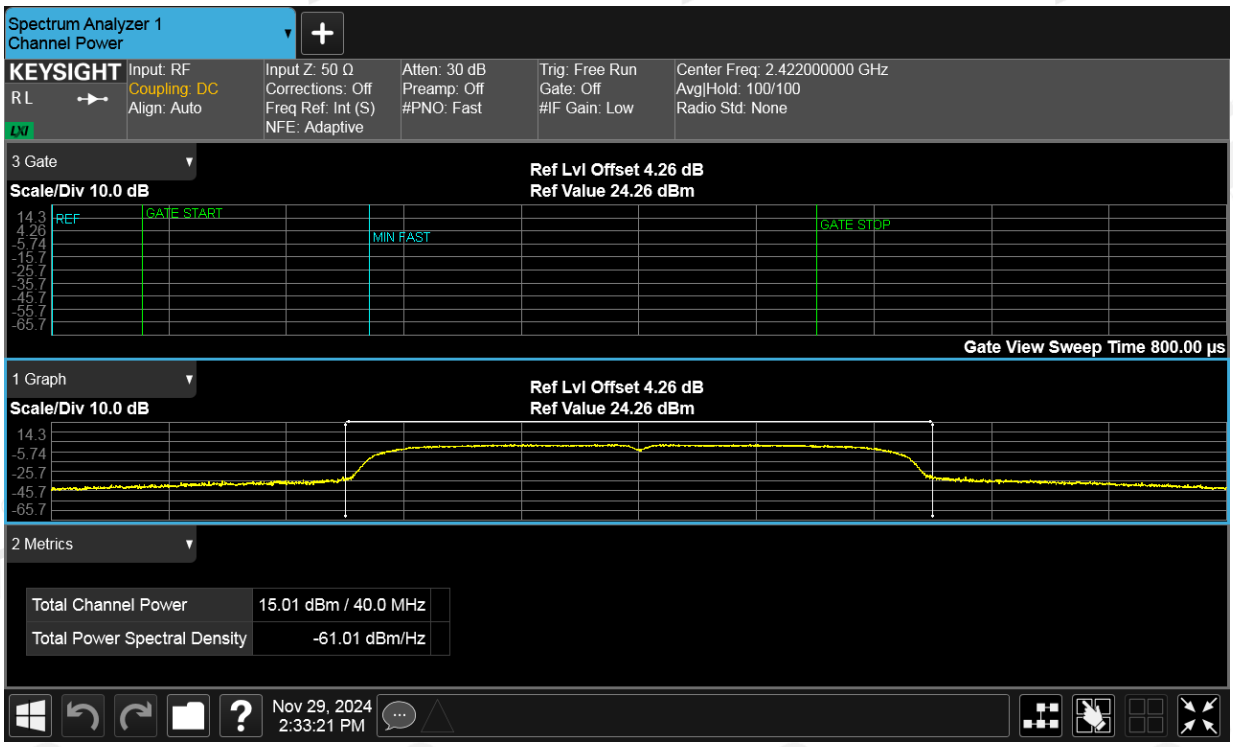
Power NVNT n20 2437MHz Ant1



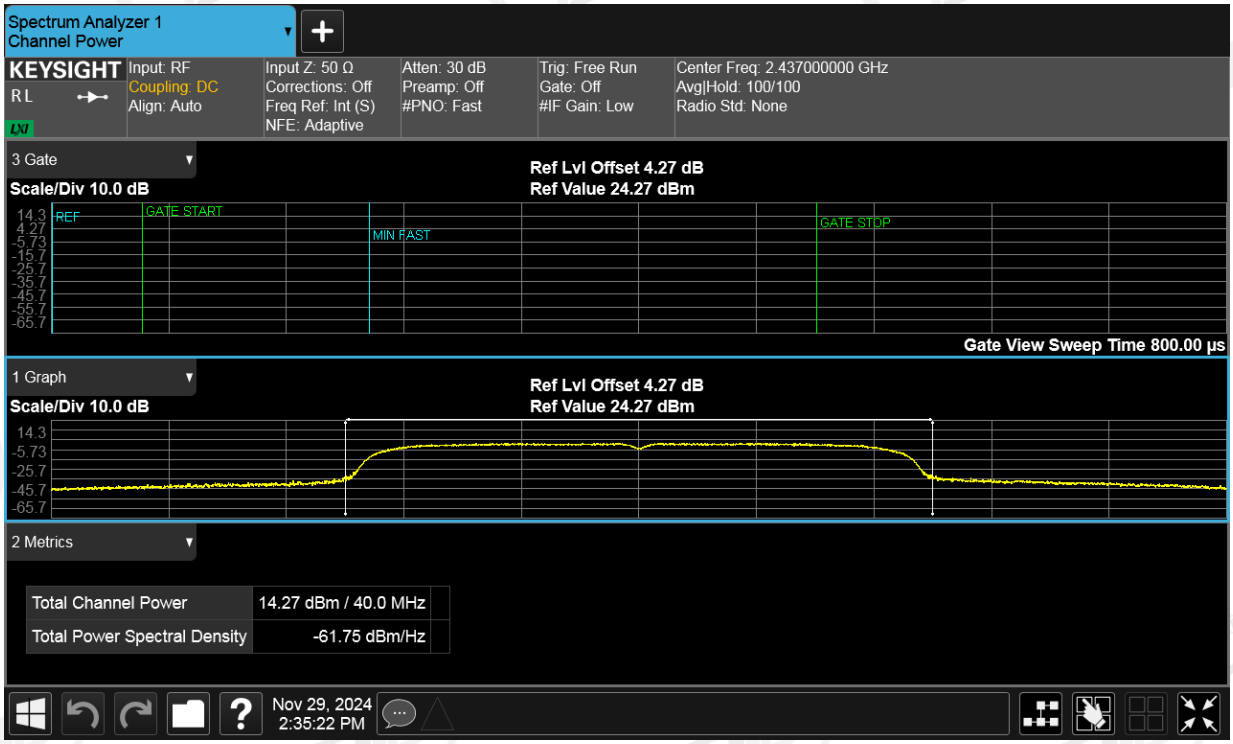
Power NVNT n20 2462MHz Ant1



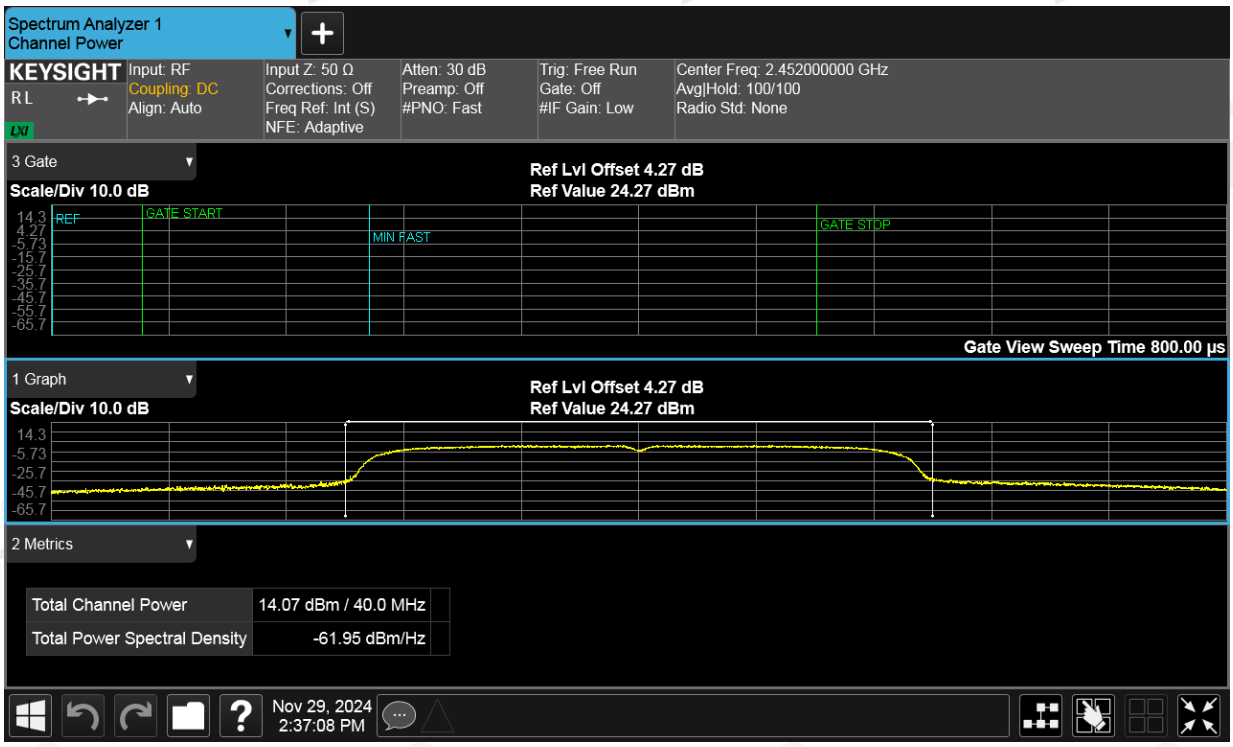
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1



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	9.072	0.5	Pass
NVNT	b	2437	Ant1	9.091	0.5	Pass
NVNT	b	2462	Ant1	9.083	0.5	Pass
NVNT	g	2412	Ant1	16.39	0.5	Pass
NVNT	g	2437	Ant1	16.38	0.5	Pass
NVNT	g	2462	Ant1	16.38	0.5	Pass
NVNT	n20	2412	Ant1	17.07	0.5	Pass
NVNT	n20	2437	Ant1	17.07	0.5	Pass
NVNT	n20	2462	Ant1	17.09	0.5	Pass
NVNT	n40	2422	Ant1	33.30	0.5	Pass
NVNT	n40	2437	Ant1	33.31	0.5	Pass
NVNT	n40	2452	Ant1	33.29	0.5	Pass

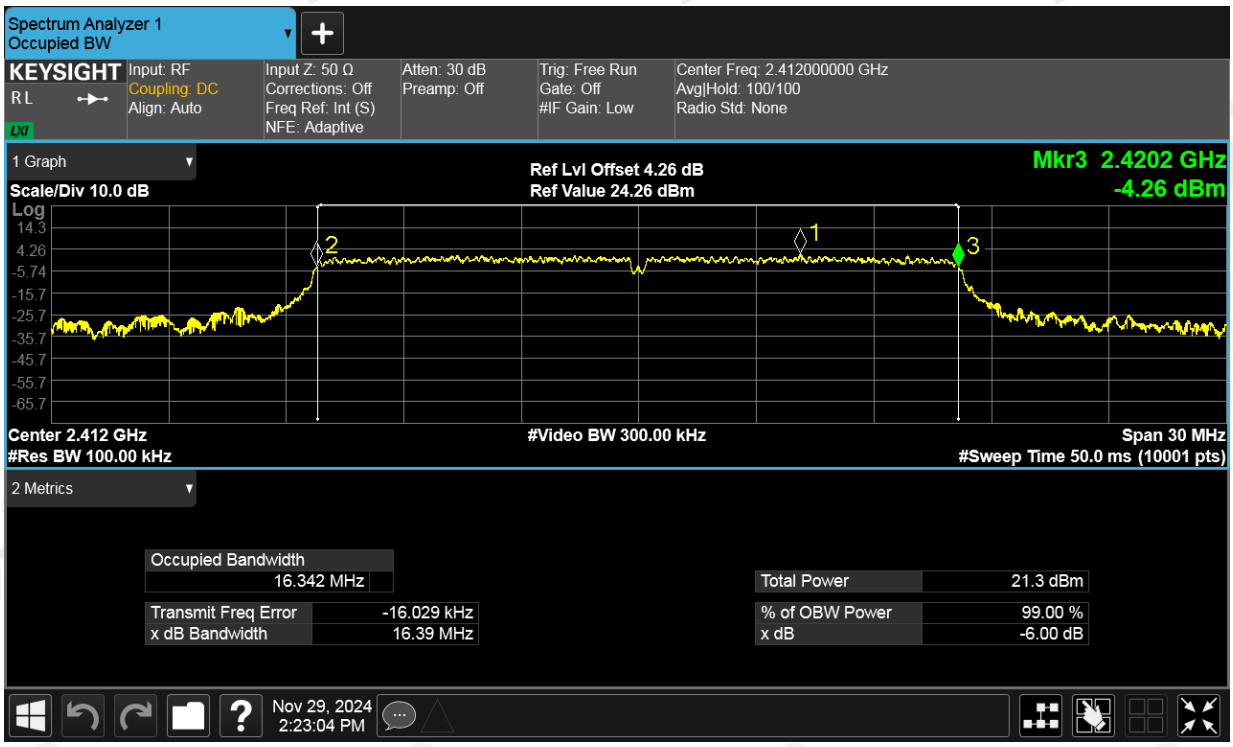
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

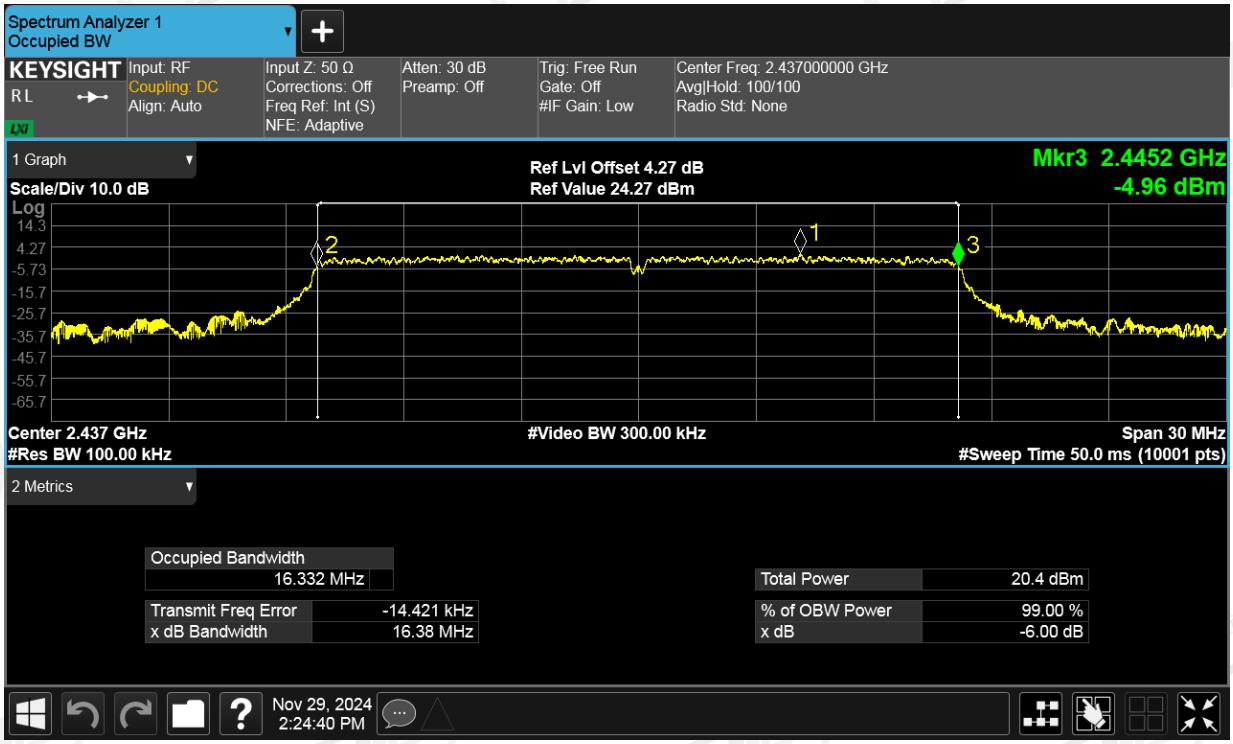
-6dB Bandwidth NVNT b 2437MHz Ant1

-6dB Bandwidth NVNT b 2462MHz Ant1

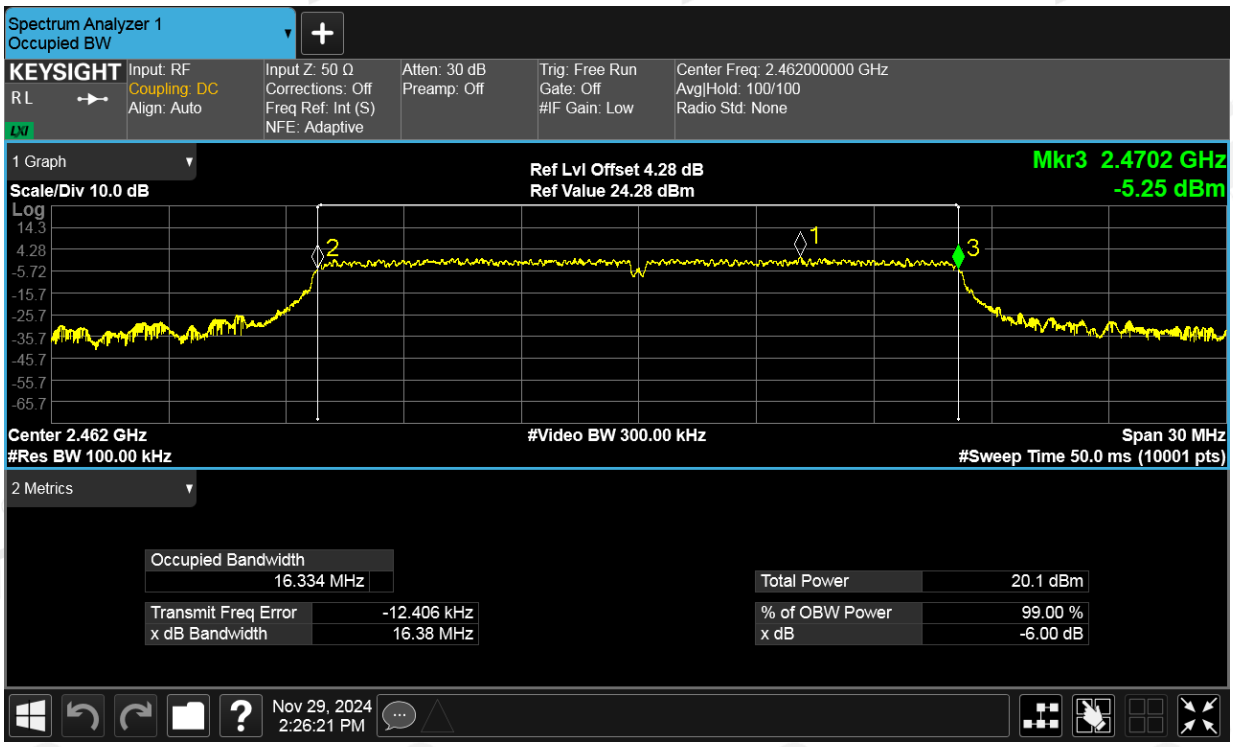
-6dB Bandwidth NVNT g 2412MHz Ant1



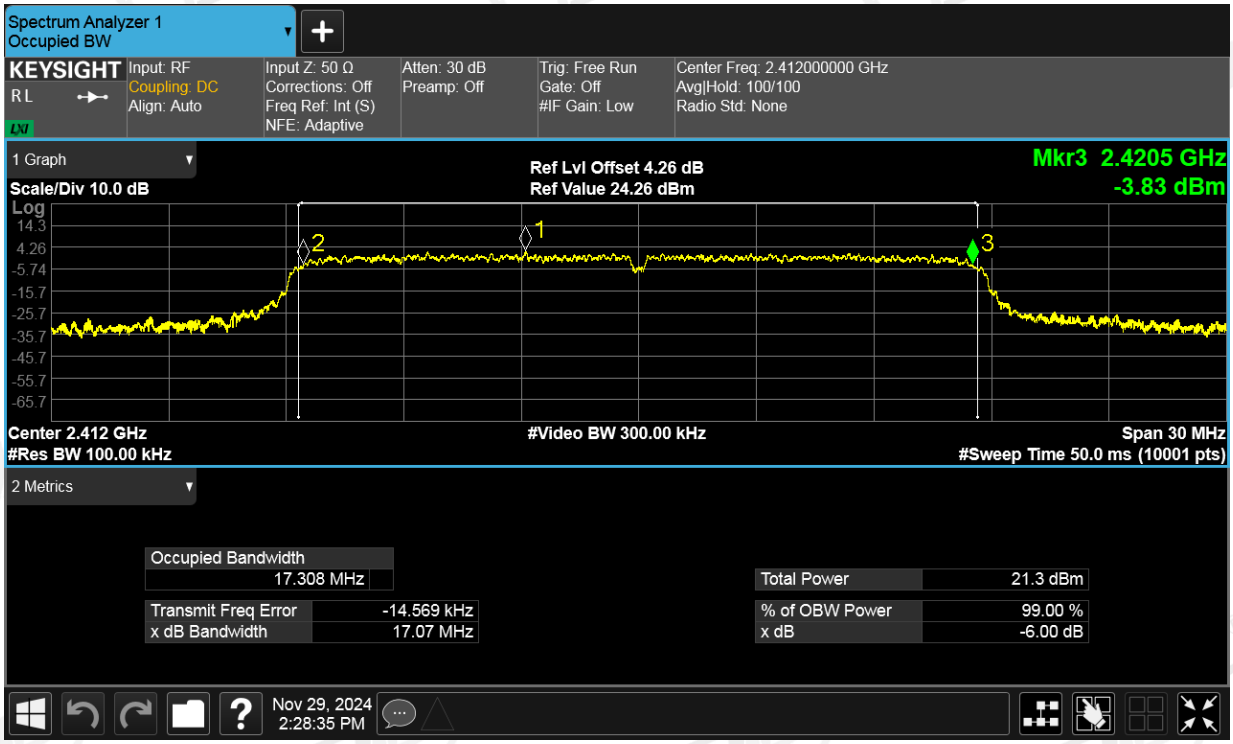
-6dB Bandwidth NVNT g 2437MHz Ant1



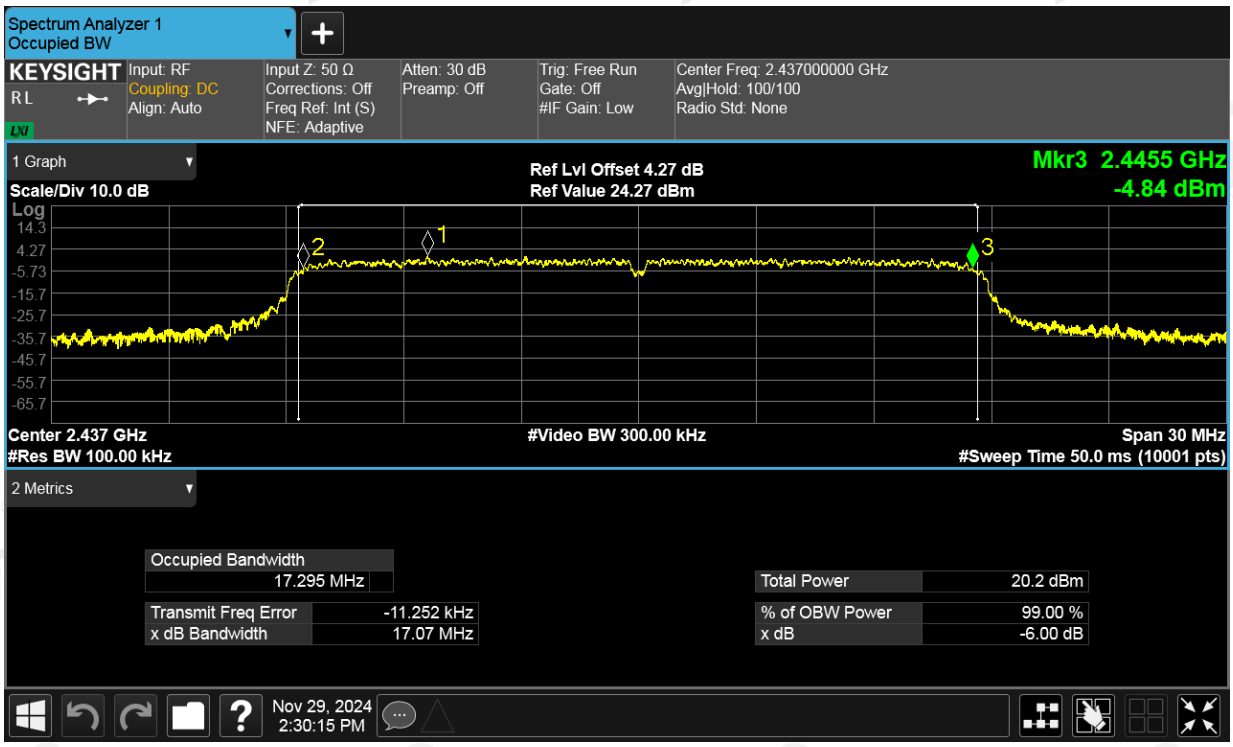
-6dB Bandwidth NVNT g 2462MHz Ant1



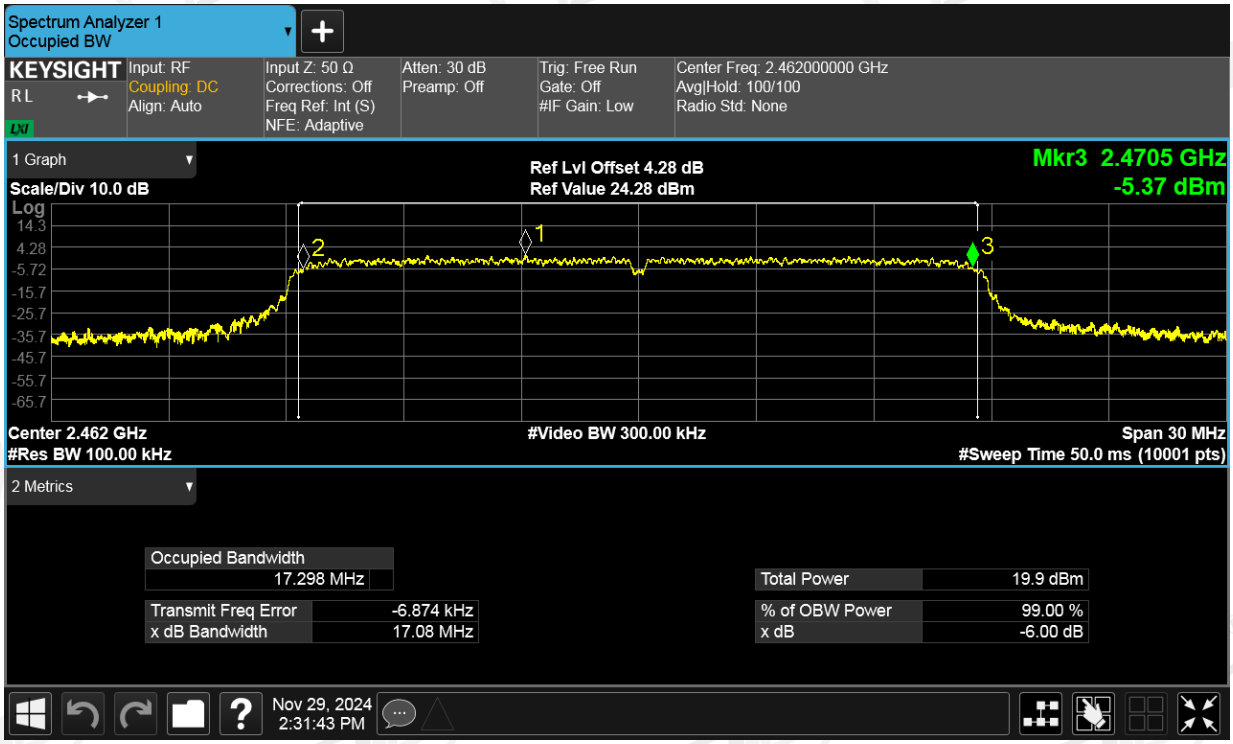
-6dB Bandwidth NVNT n20 2412MHz Ant1



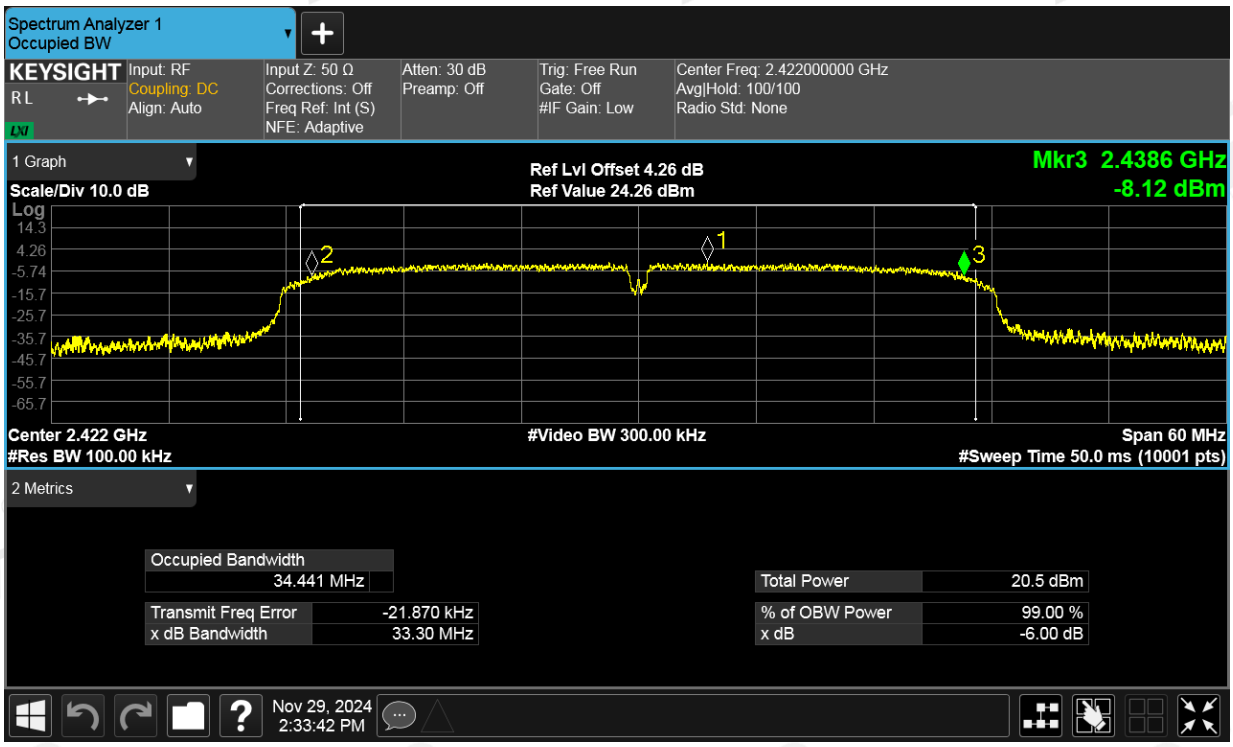
-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

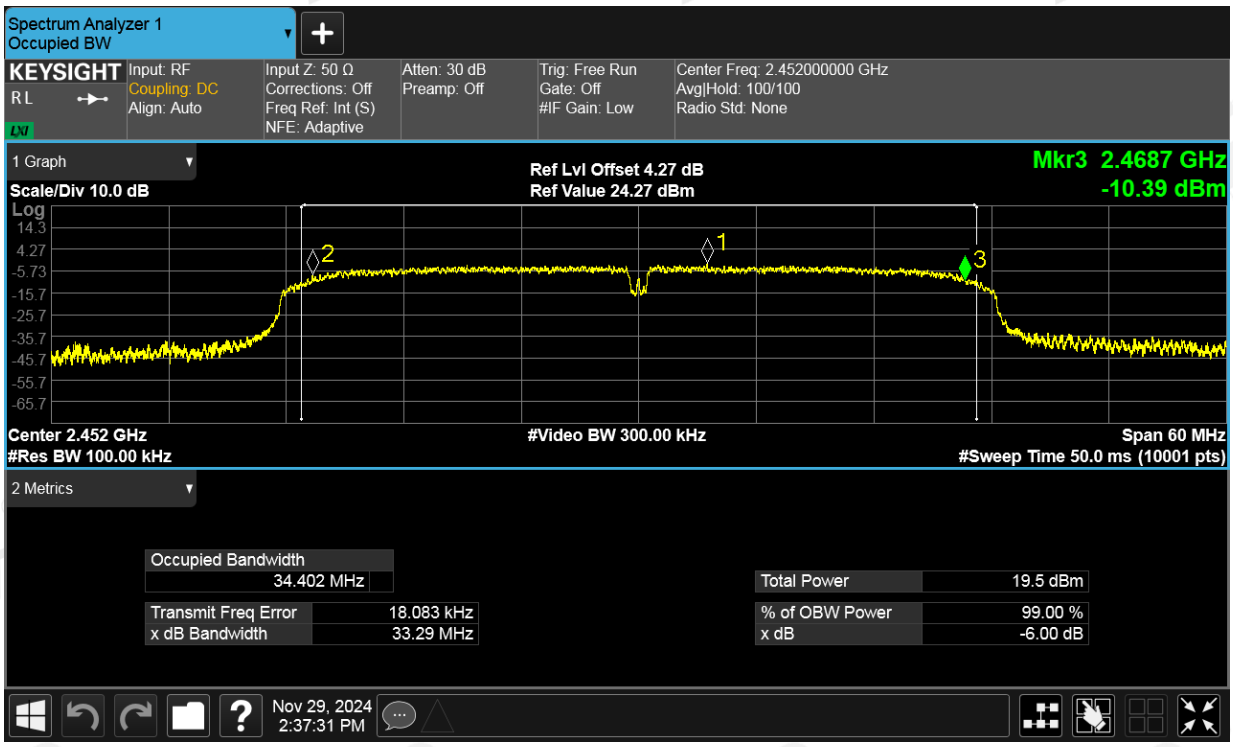


-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1

-6dB Bandwidth NVNT n40 2452MHz Ant1



Occupied Channel Bandwidth

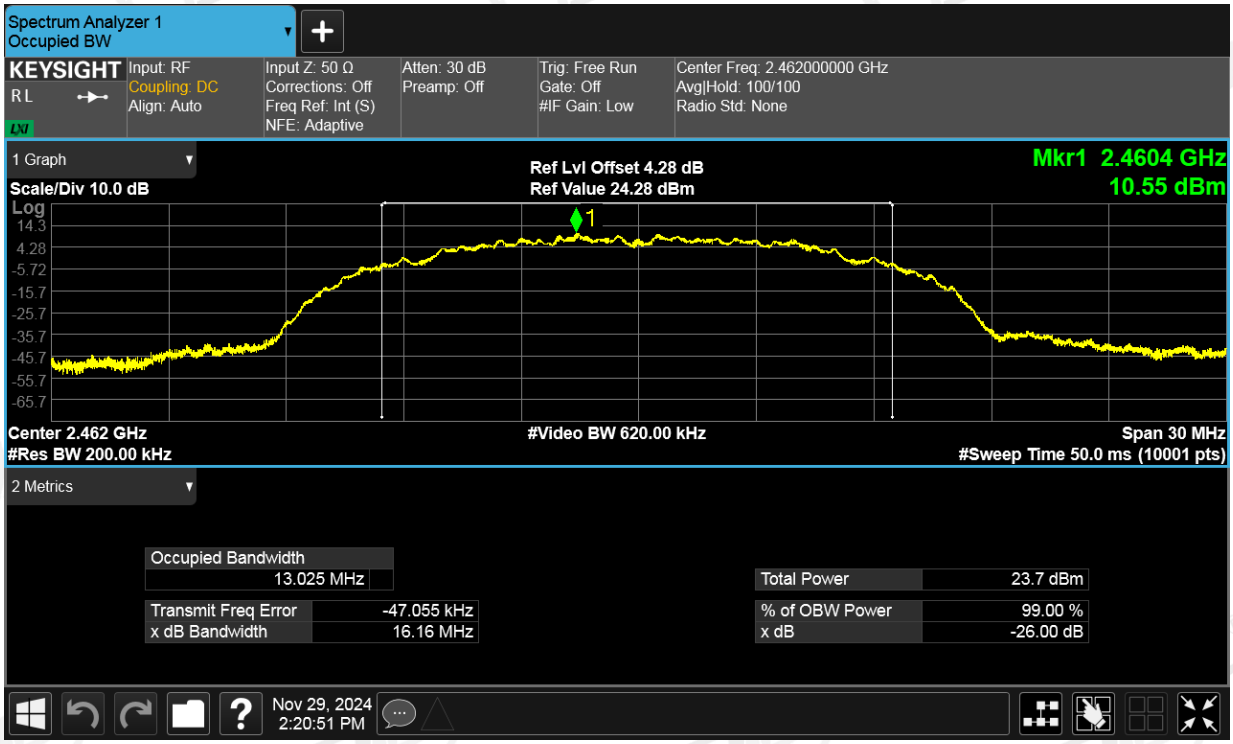
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.063
NVNT	b	2437	Ant1	13.039
NVNT	b	2462	Ant1	13.025
NVNT	g	2412	Ant1	16.389
NVNT	g	2437	Ant1	16.365
NVNT	g	2462	Ant1	16.371
NVNT	n20	2412	Ant1	17.281
NVNT	n20	2437	Ant1	17.257
NVNT	n20	2462	Ant1	17.265
NVNT	n40	2422	Ant1	34.448
NVNT	n40	2437	Ant1	34.438
NVNT	n40	2452	Ant1	34.428

Test Graphs

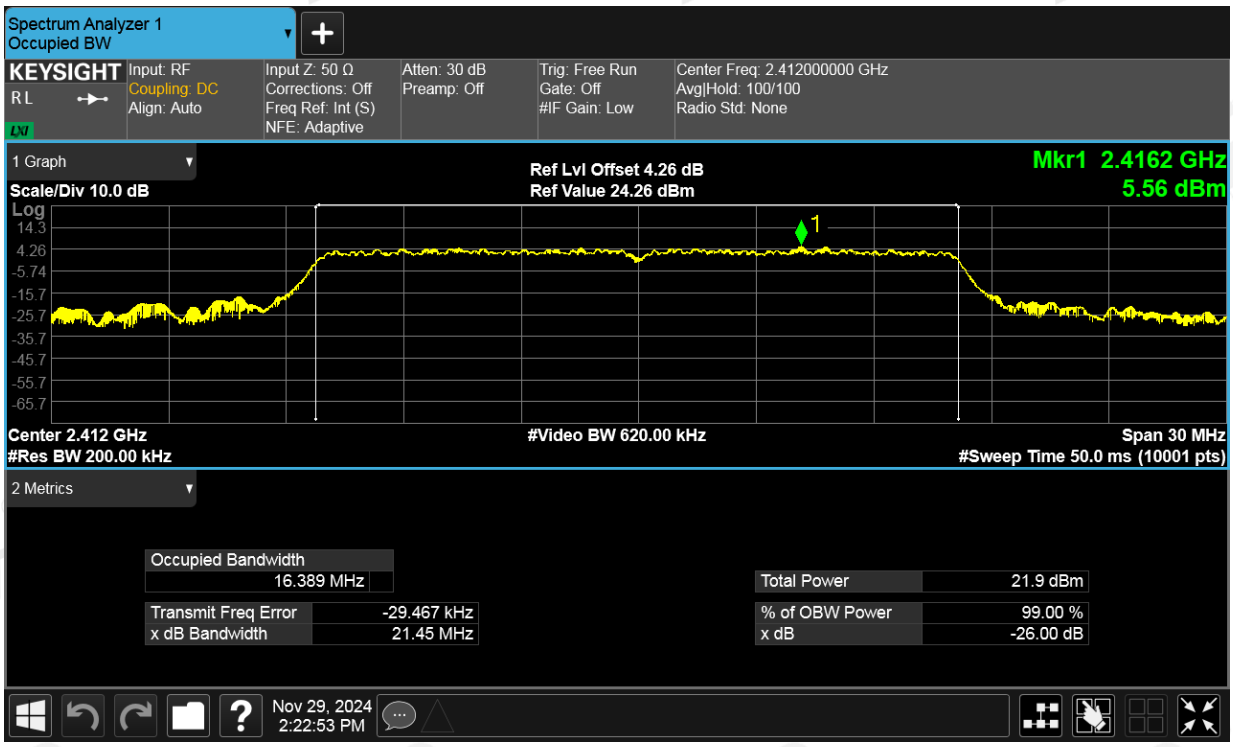
OBW NVNT b 2412MHz Ant1

OBW NVNT b 2437MHz Ant1

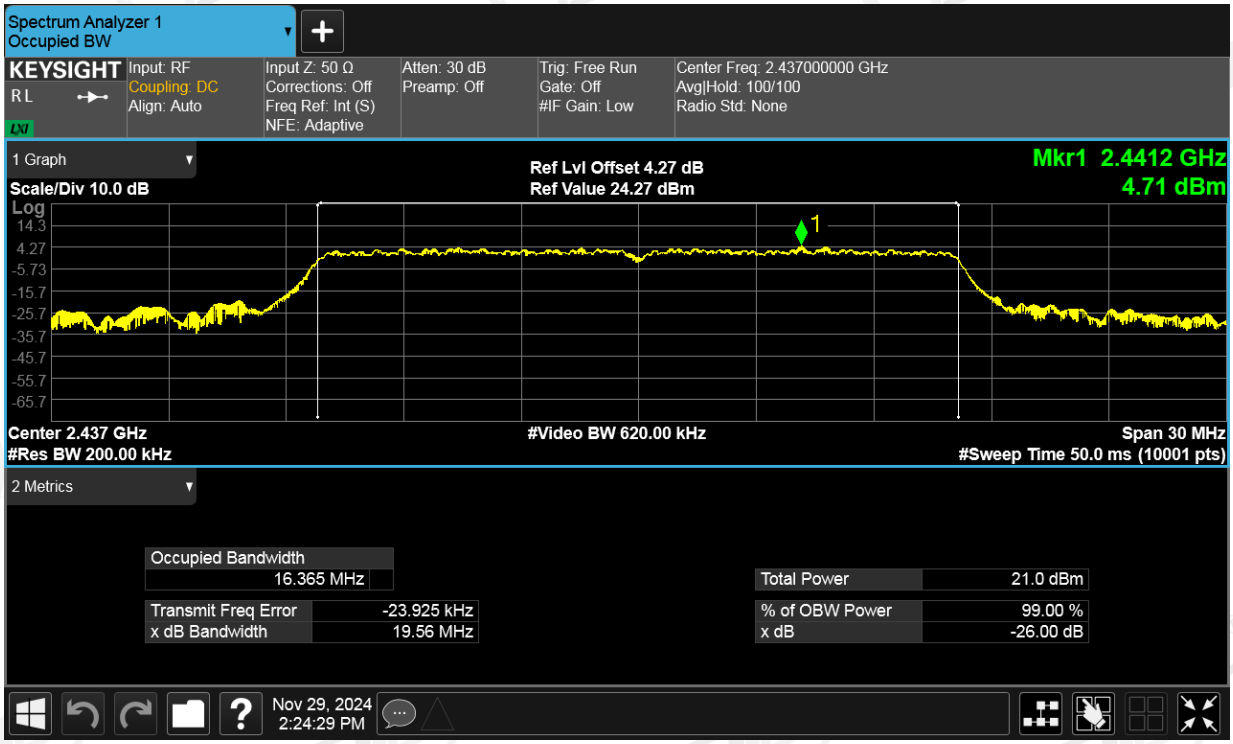
OBW NVNT b 2462MHz Ant1



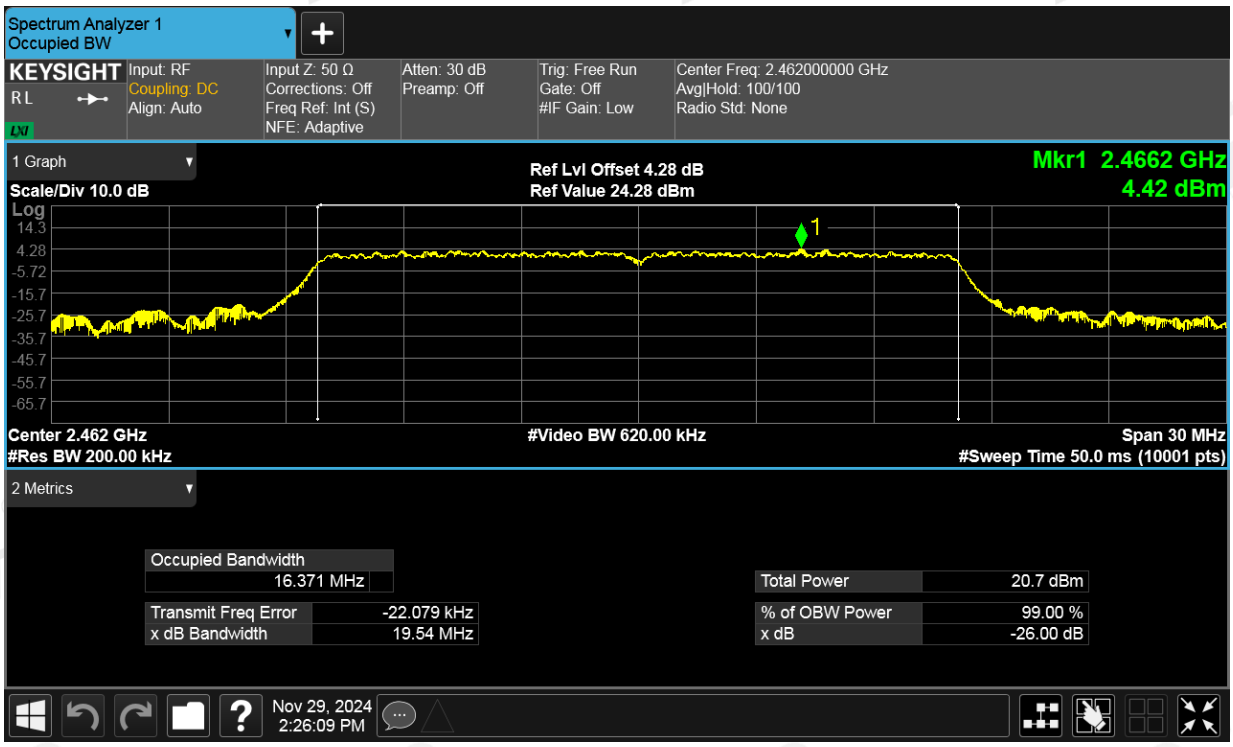
OBW NVNT g 2412MHz Ant1



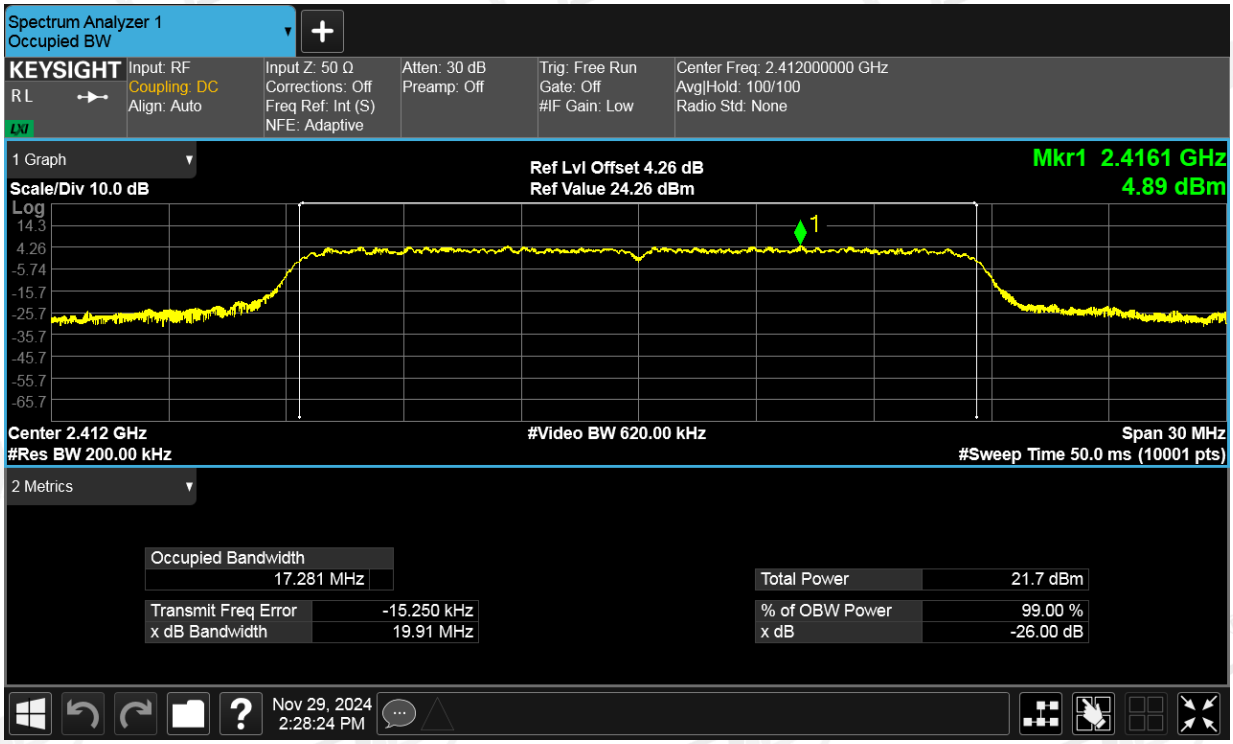
OBW NVNT g 2437MHz Ant1



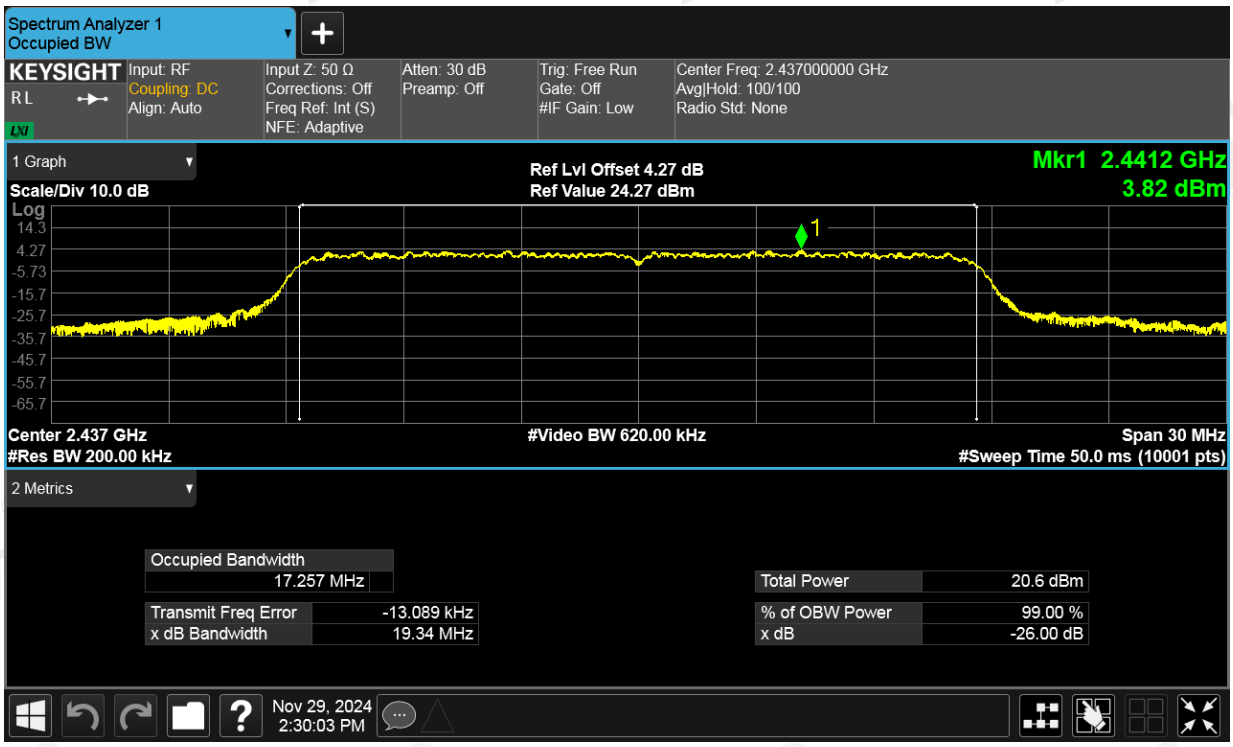
OBW NVNT g 2462MHz Ant1



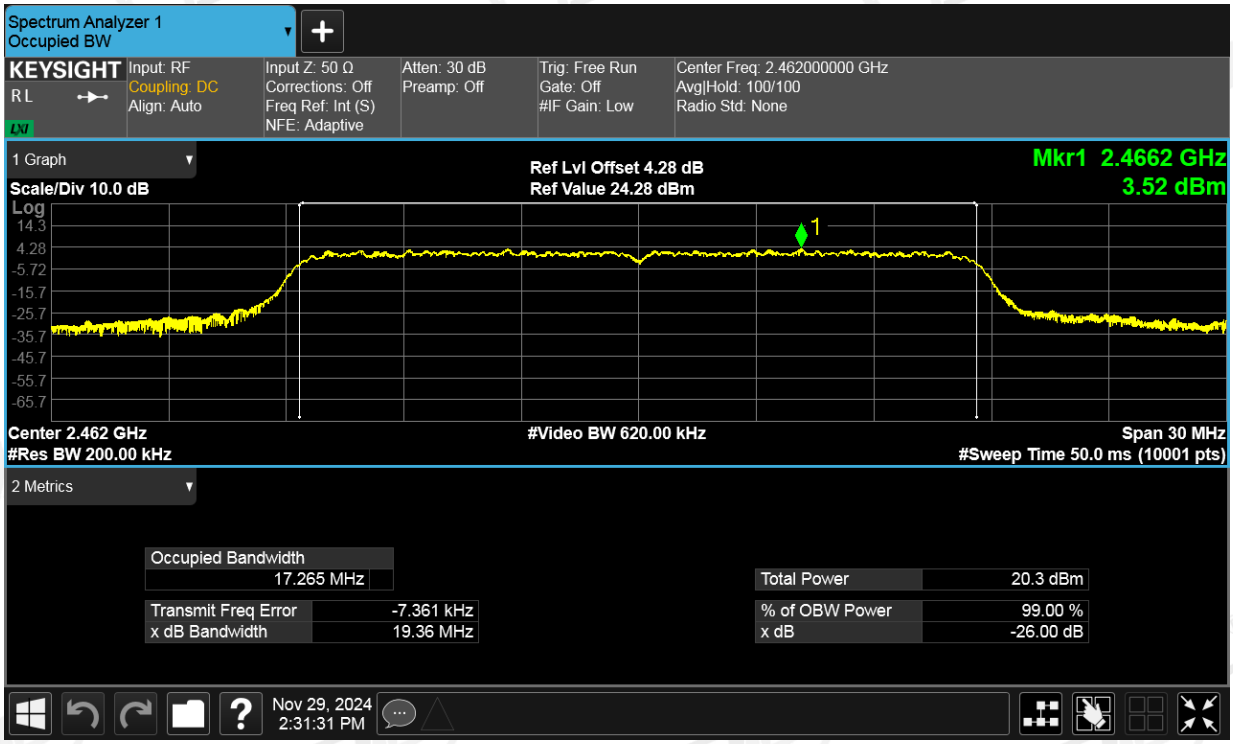
OBW NVNT n20 2412MHz Ant1



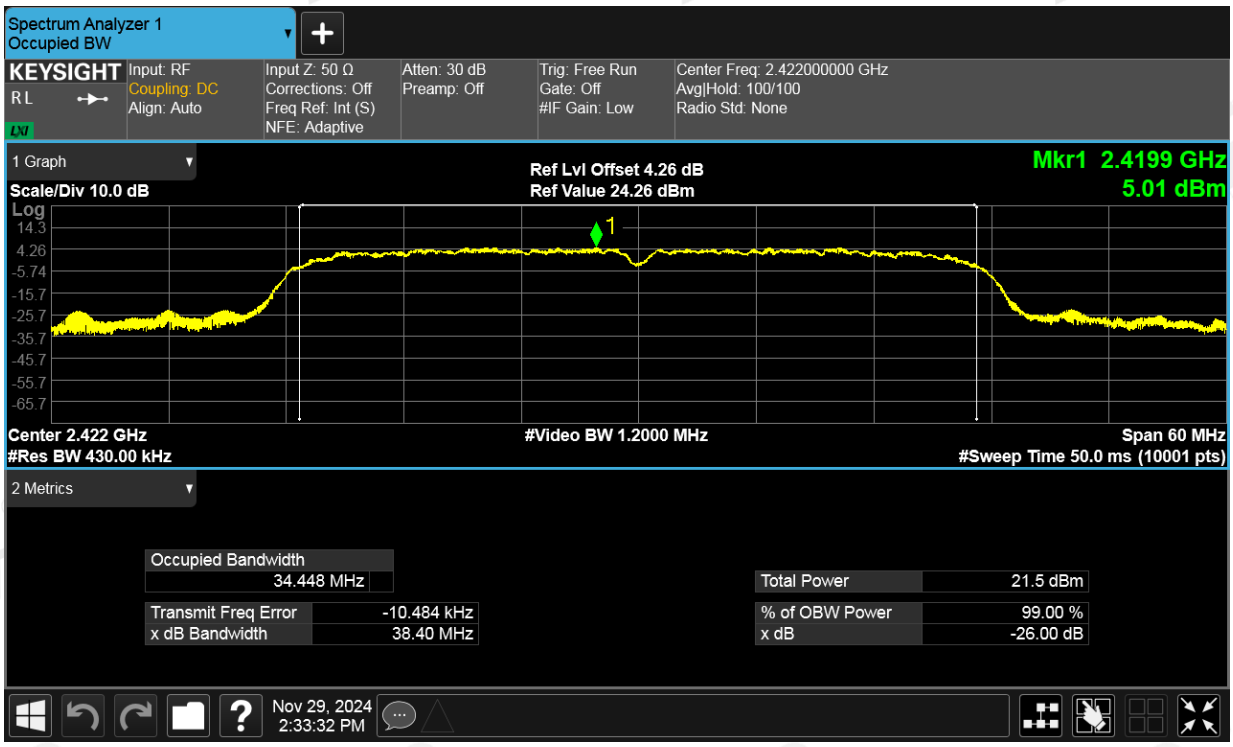
OBW NVNT n20 2437MHz Ant1



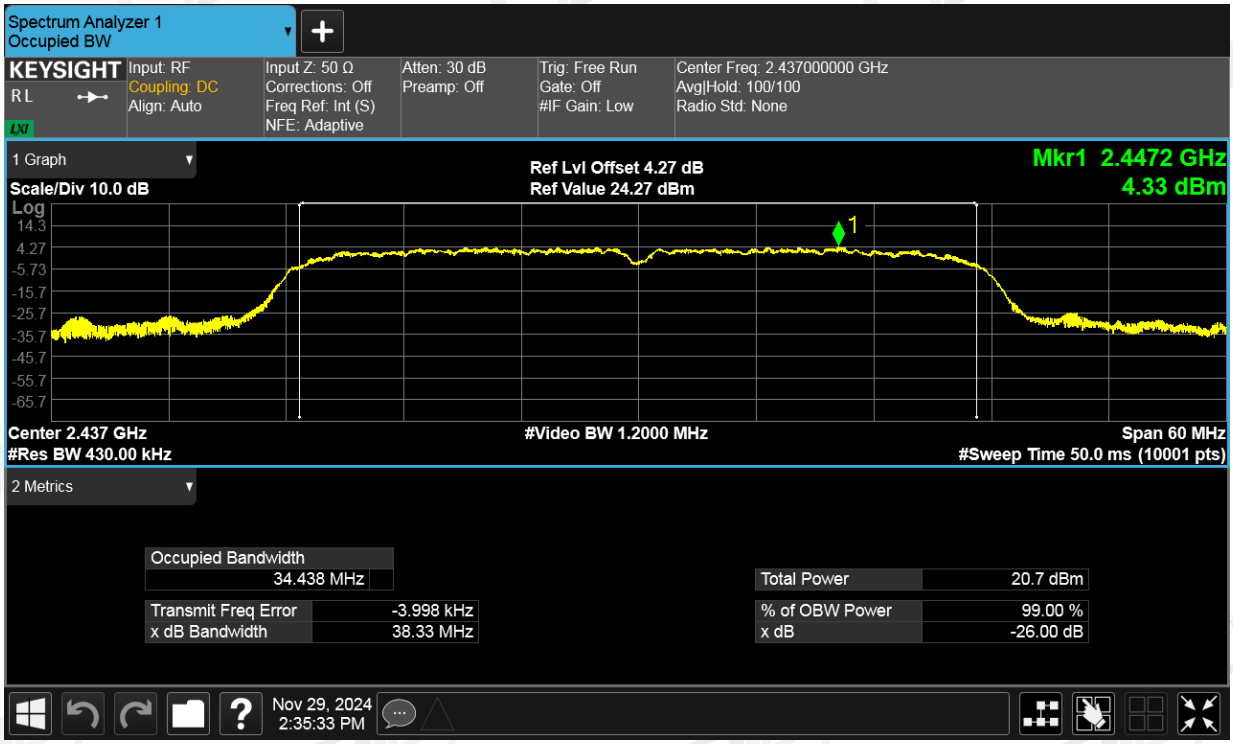
OBW NVNT n20 2462MHz Ant1



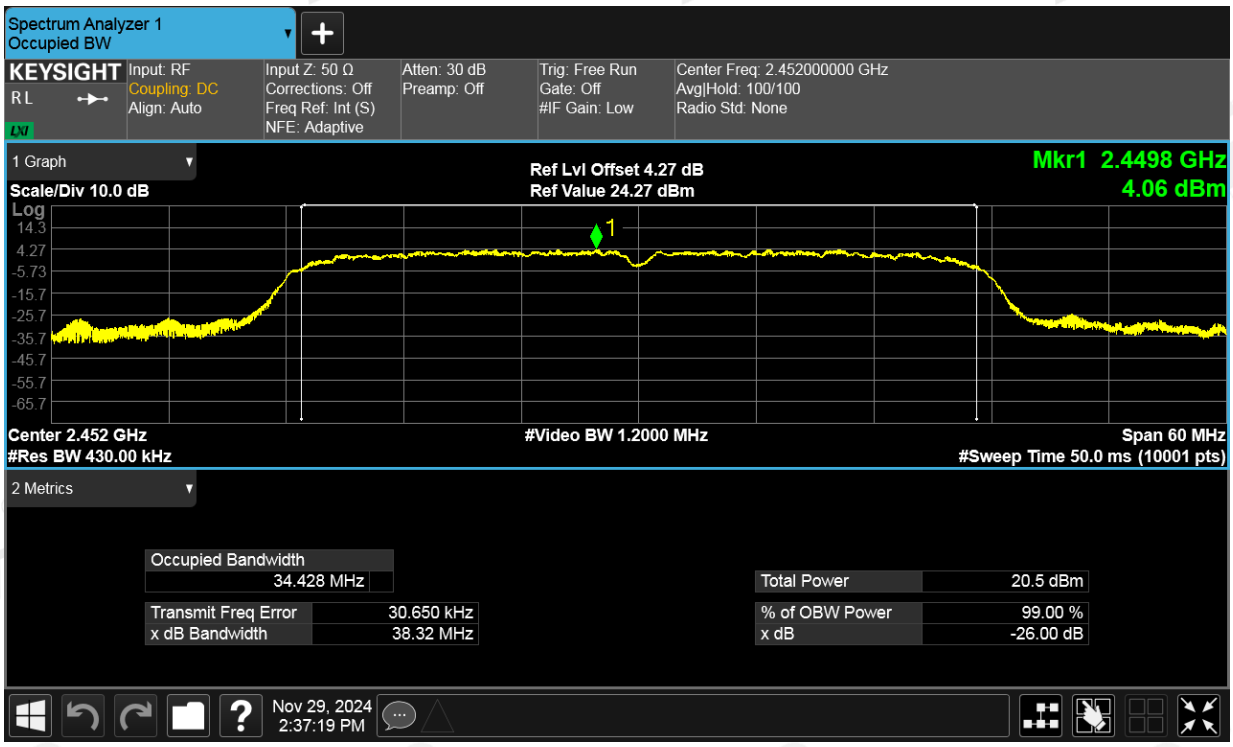
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

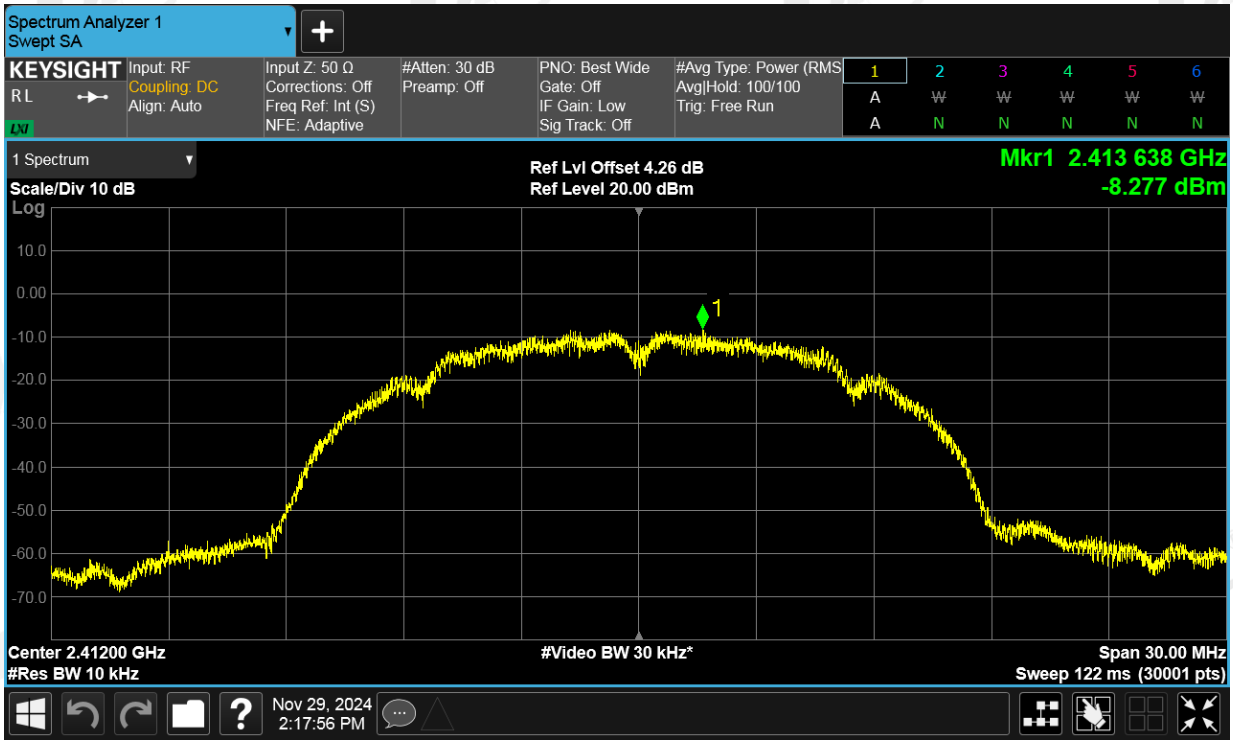


Maximum Power Spectral Density Level

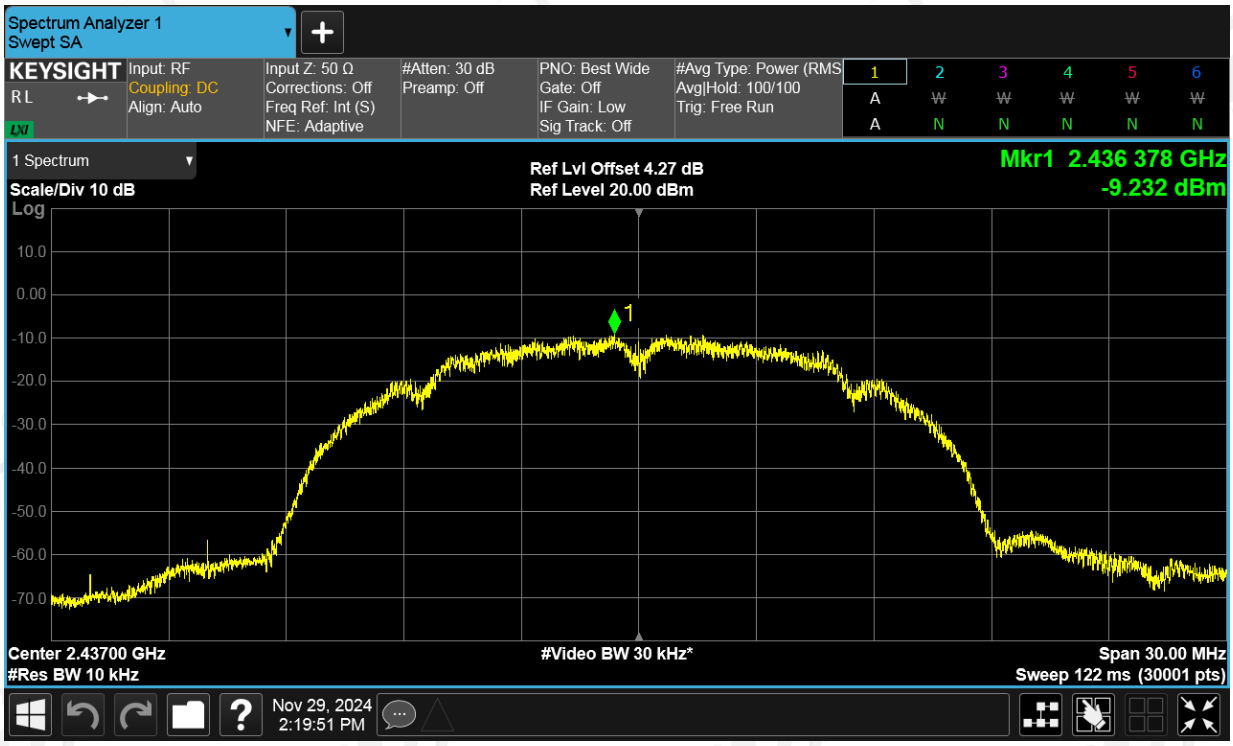
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-8.28	0	-8.28	8	Pass
NVNT	b	2437	Ant1	-9.23	0	-9.23	8	Pass
NVNT	b	2462	Ant1	-9.2	0	-9.2	8	Pass
NVNT	g	2412	Ant1	-12.3	0	-12.3	8	Pass
NVNT	g	2437	Ant1	-12.64	0	-12.64	8	Pass
NVNT	g	2462	Ant1	-12.53	0	-12.53	8	Pass
NVNT	n20	2412	Ant1	-12.27	0	-12.27	8	Pass
NVNT	n20	2437	Ant1	-12.72	0	-12.72	8	Pass
NVNT	n20	2462	Ant1	-12.66	0	-12.66	8	Pass
NVNT	n40	2422	Ant1	-14.03	0	-14.03	8	Pass
NVNT	n40	2437	Ant1	-12.78	0	-12.78	8	Pass
NVNT	n40	2452	Ant1	-12.84	0	-12.84	8	Pass

Test Graphs

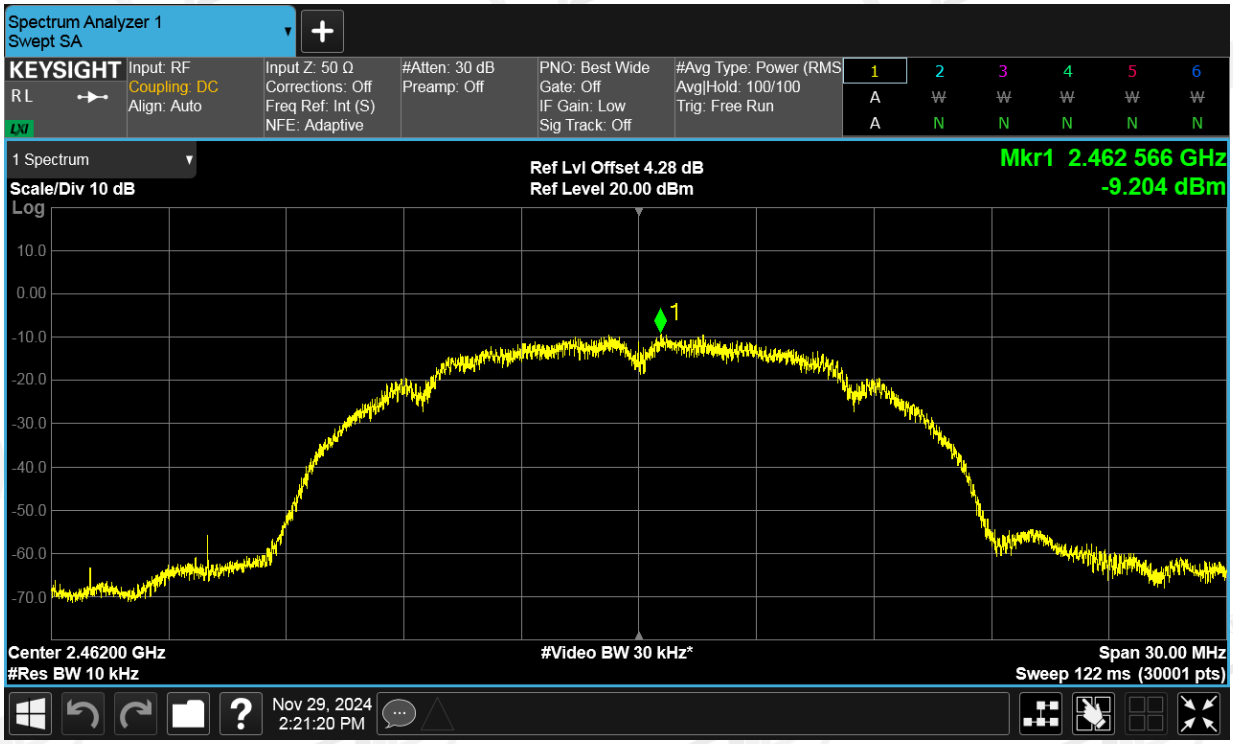
PSD NVNT b 2412MHz Ant1



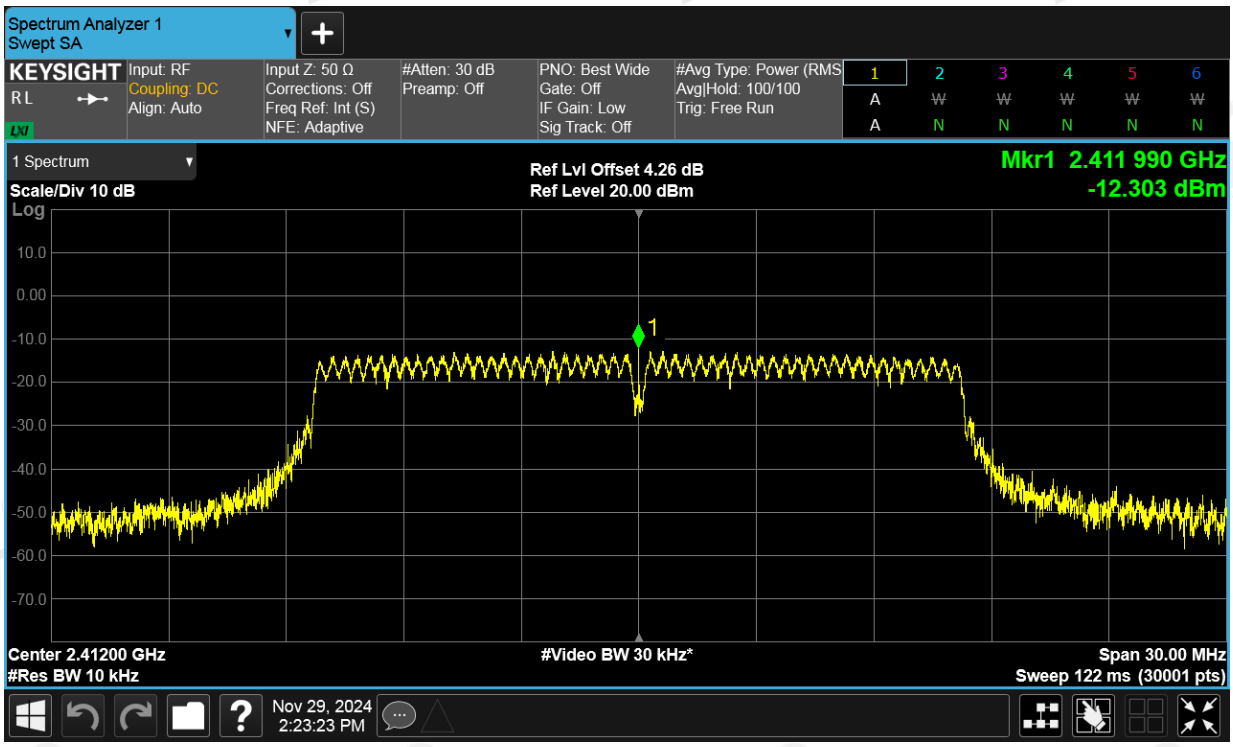
PSD NVNT b 2437MHz Ant1



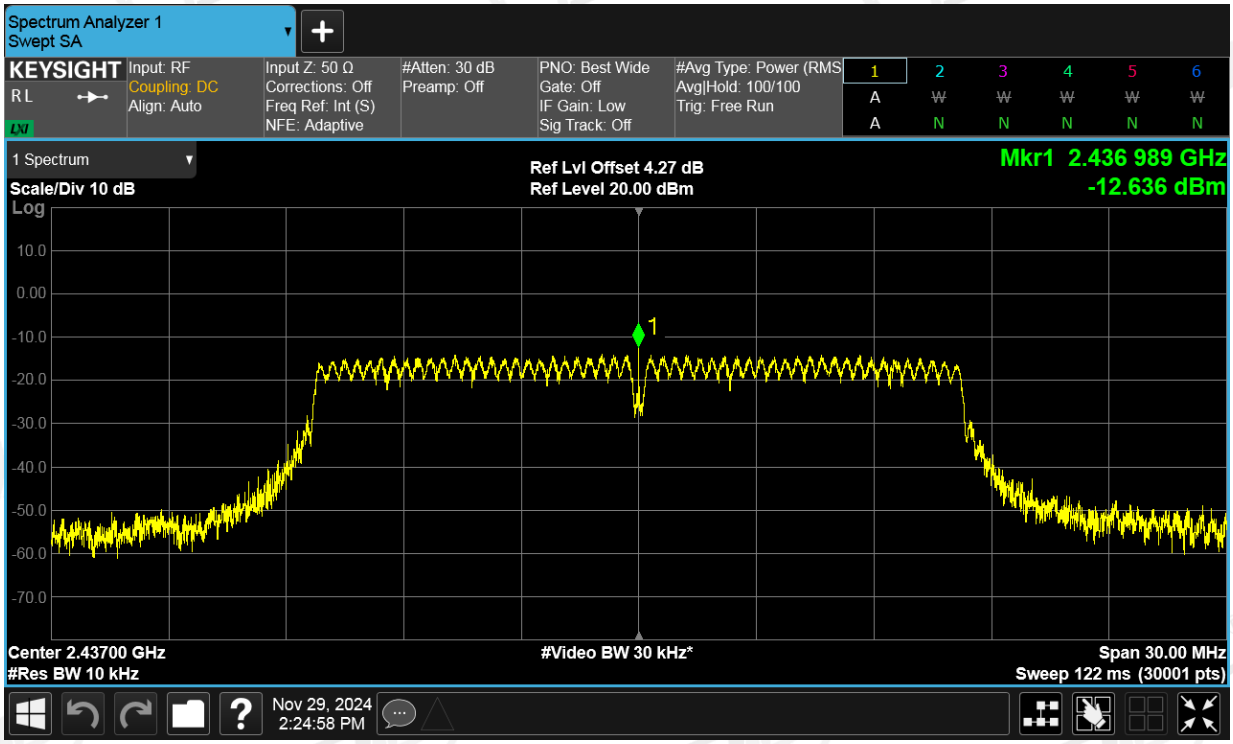
PSD NVNT b 2462MHz Ant1



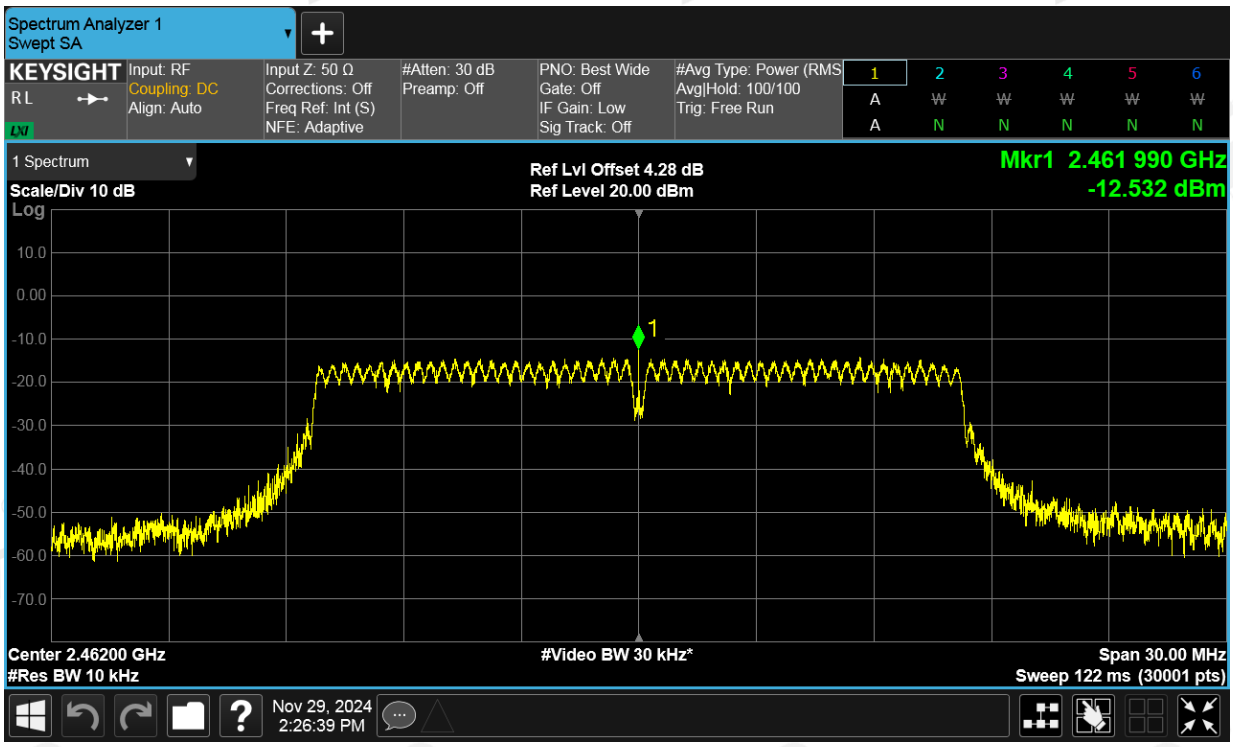
PSD NVNT g 2412MHz Ant1



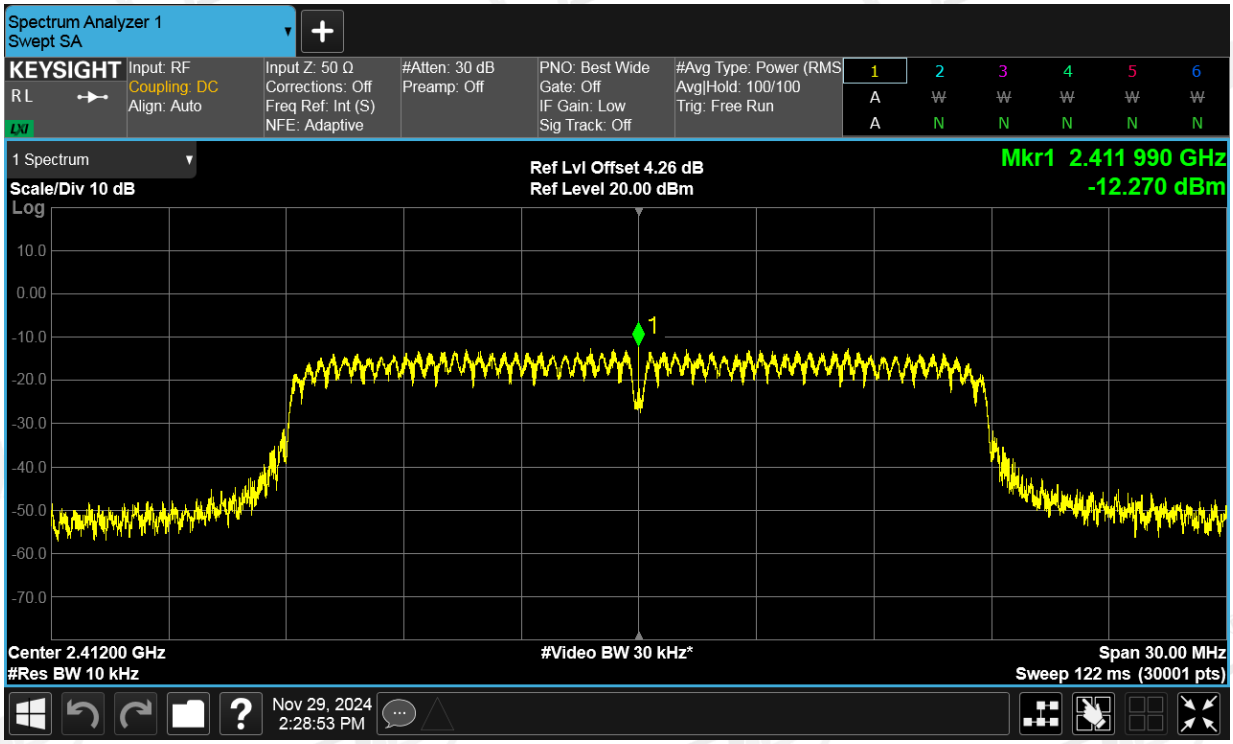
PSD NVNT g 2437MHz Ant1



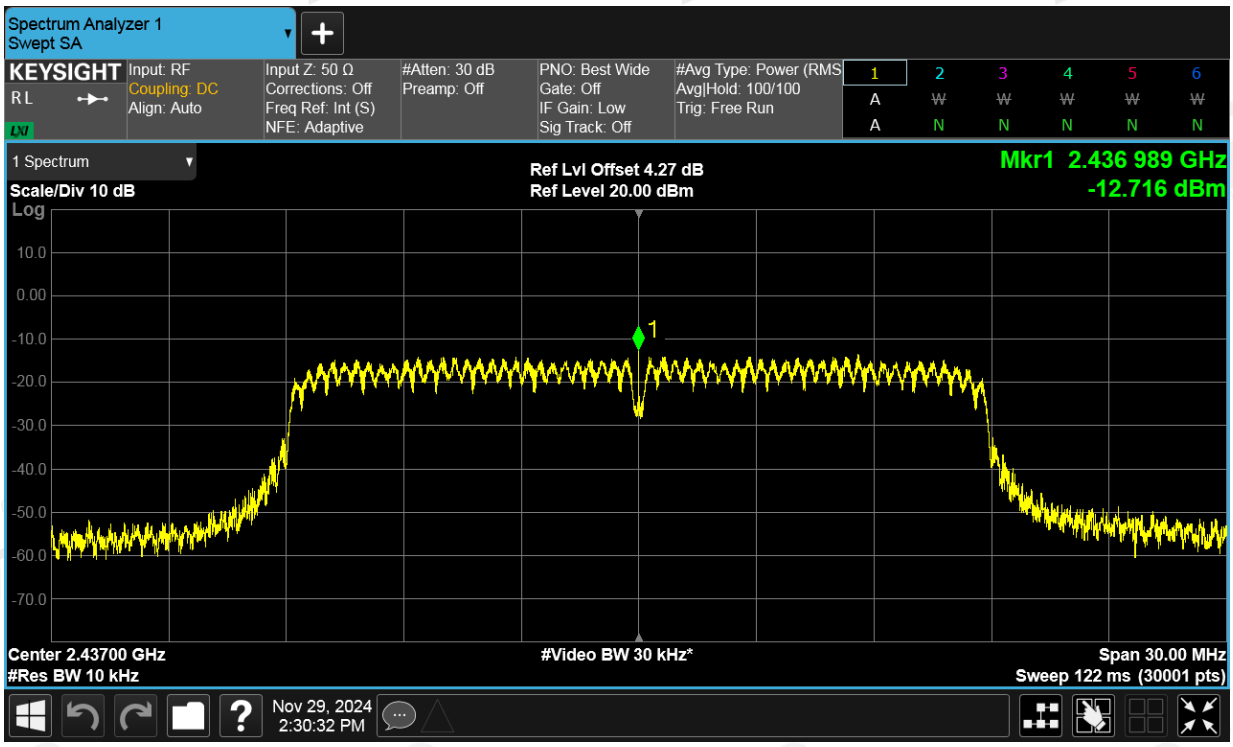
PSD NVNT g 2462MHz Ant1



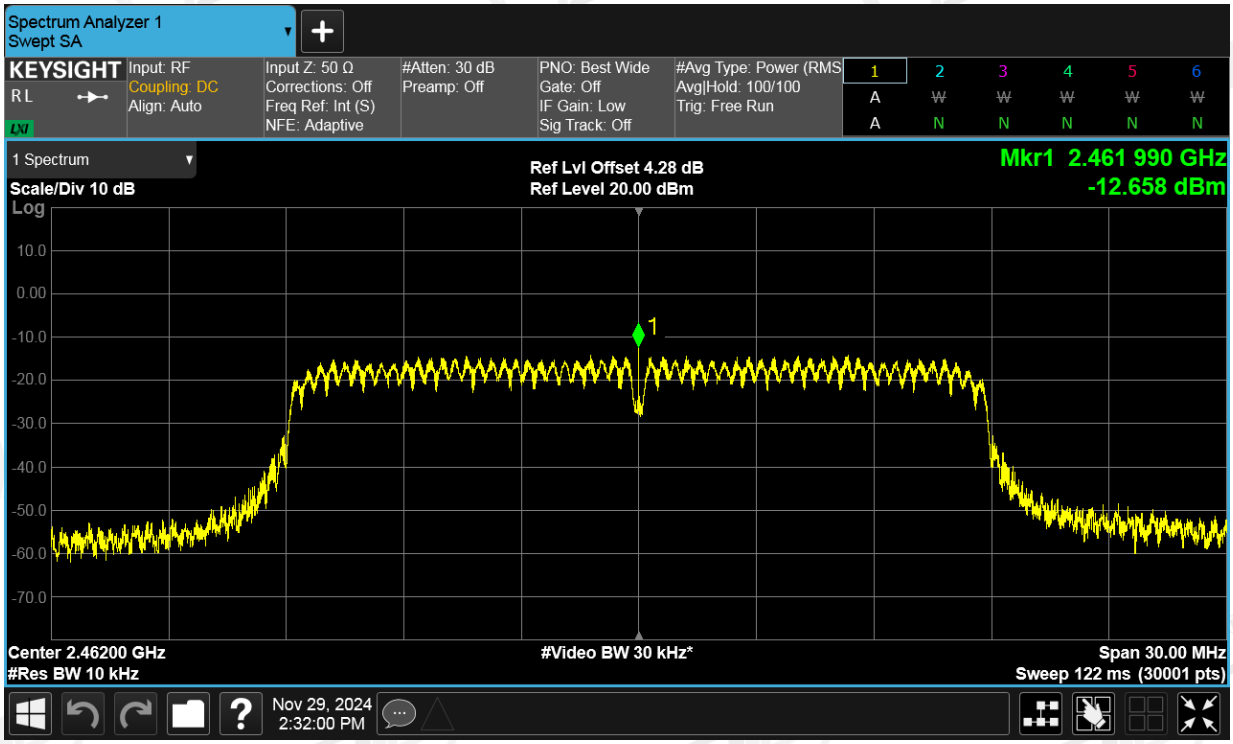
PSD NVNT n20 2412MHz Ant1



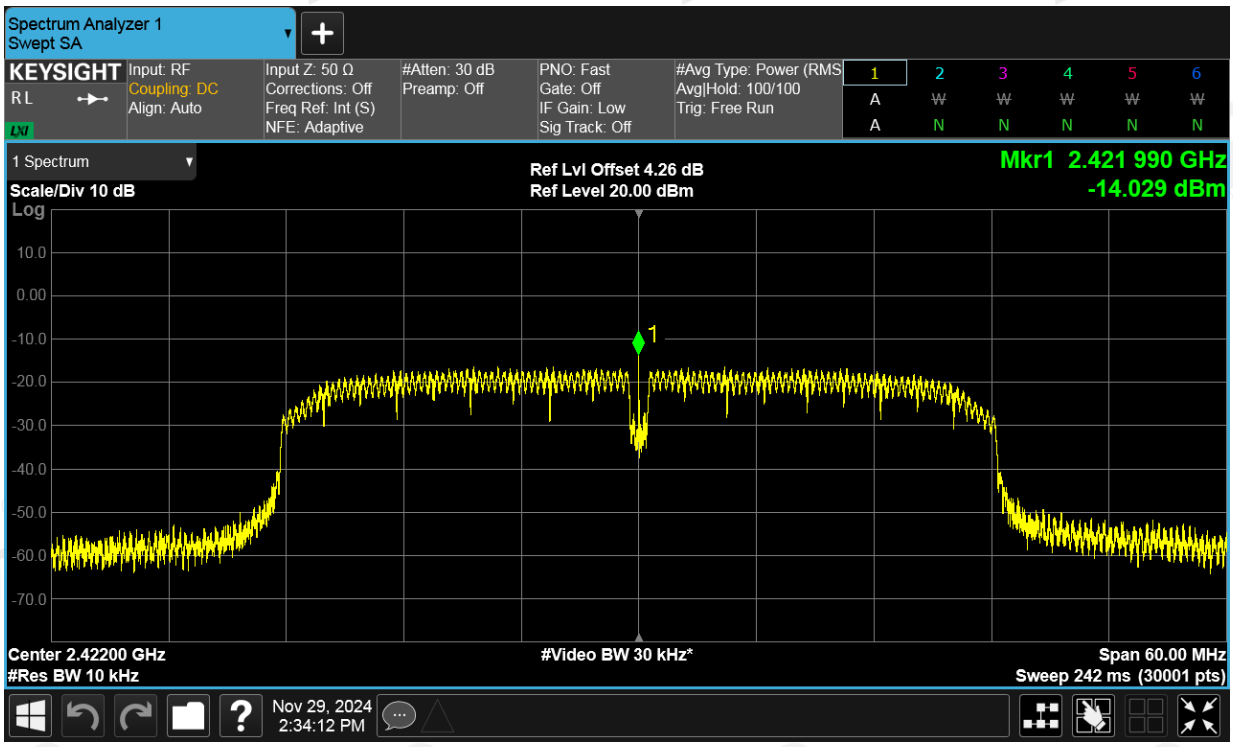
PSD NVNT n20 2437MHz Ant1



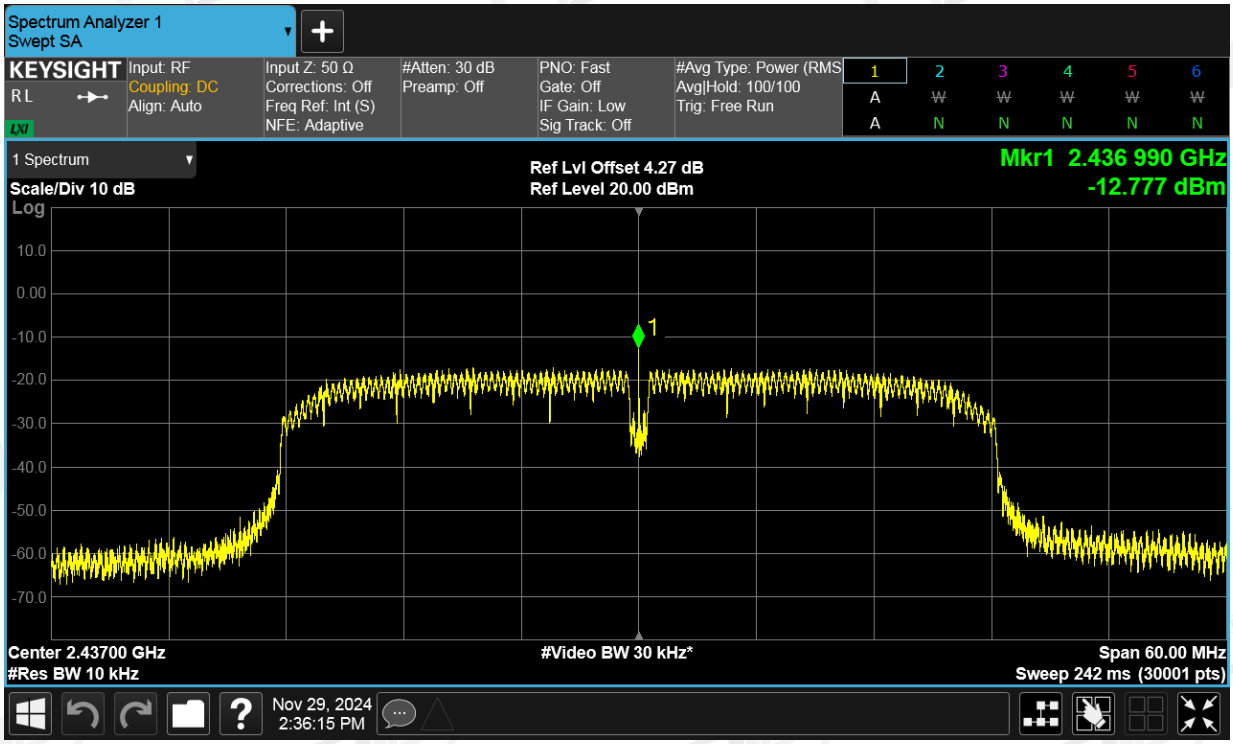
PSD NVNT n20 2462MHz Ant1



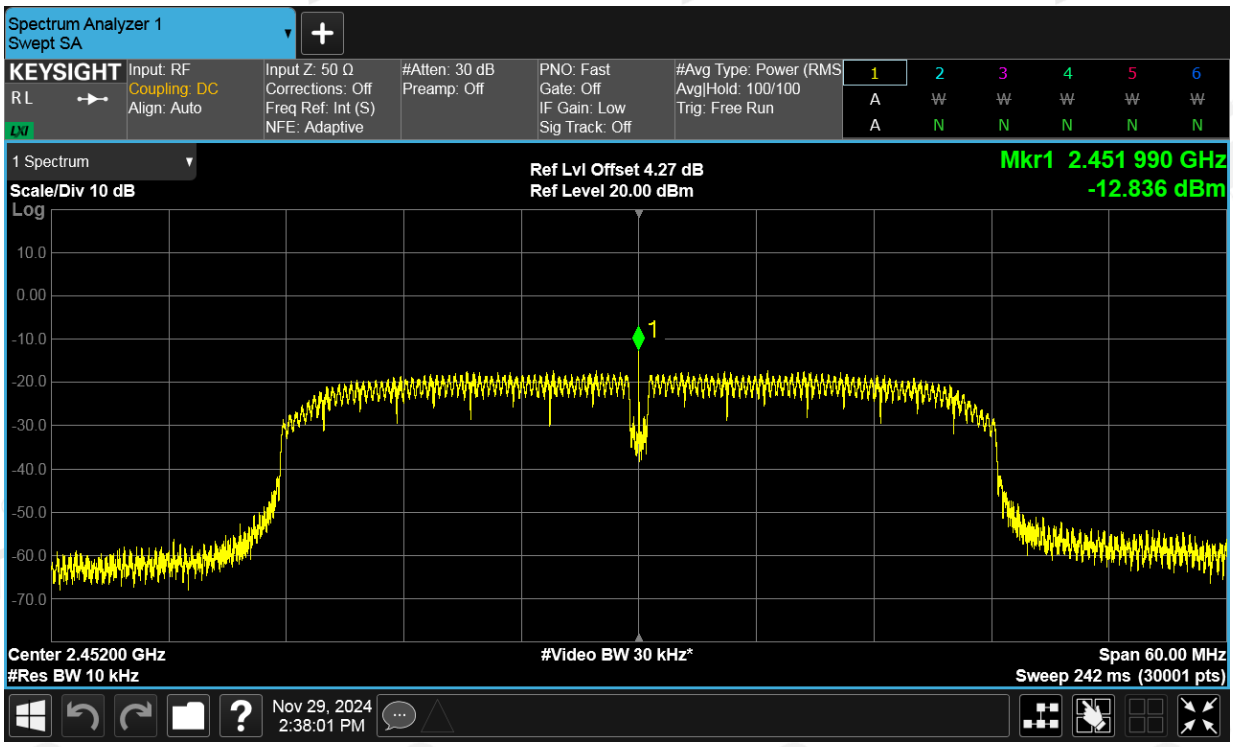
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

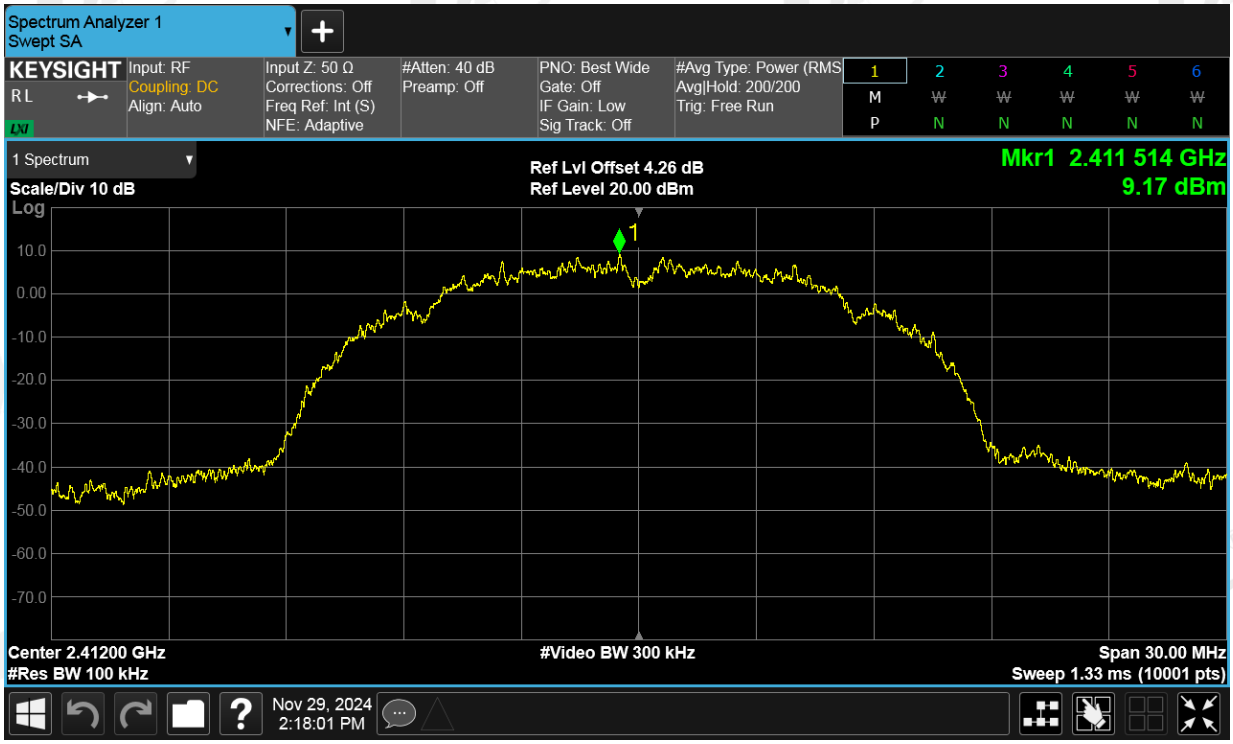


Band Edge

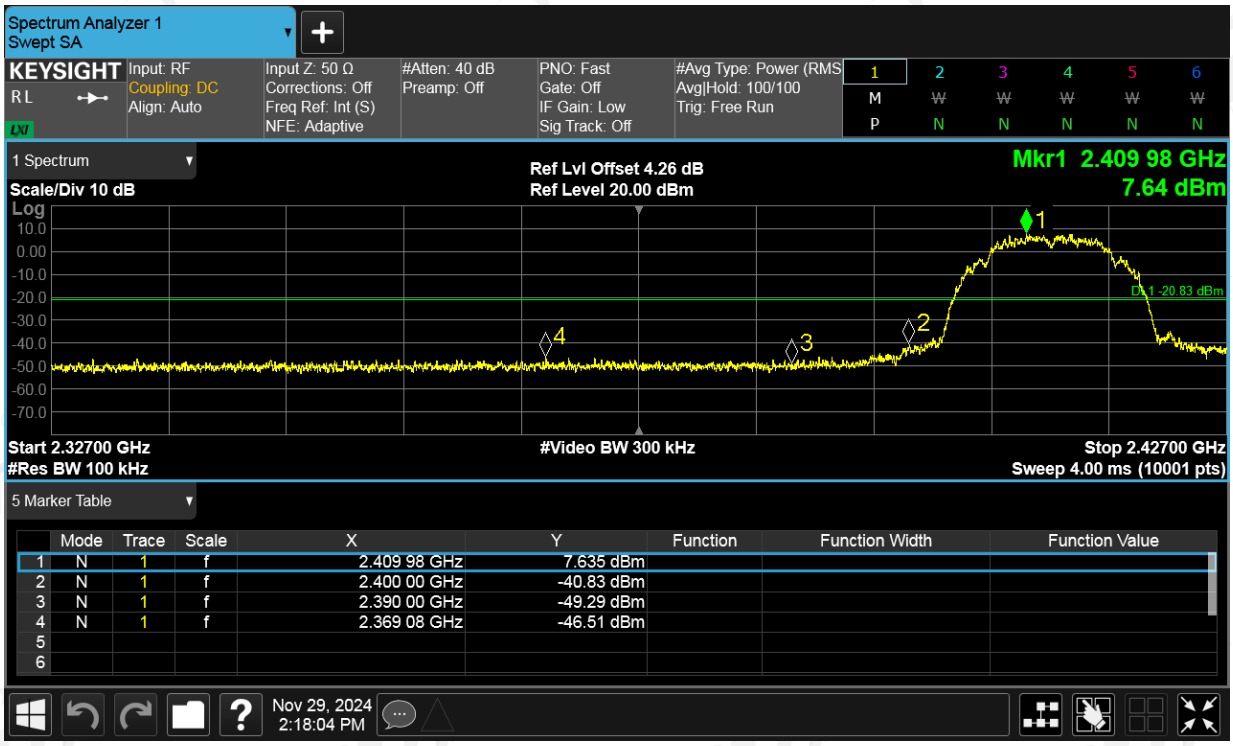
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-55.68	-30	Pass
NVNT	b	2462	Ant1	-53.59	-30	Pass
NVNT	g	2412	Ant1	-43.5	-30	Pass
NVNT	g	2462	Ant1	-42.96	-30	Pass
NVNT	n20	2412	Ant1	-40.51	-30	Pass
NVNT	n20	2462	Ant1	-41.34	-30	Pass
NVNT	n40	2422	Ant1	-36.41	-30	Pass
NVNT	n40	2452	Ant1	-36.6	-30	Pass

Test Graphs

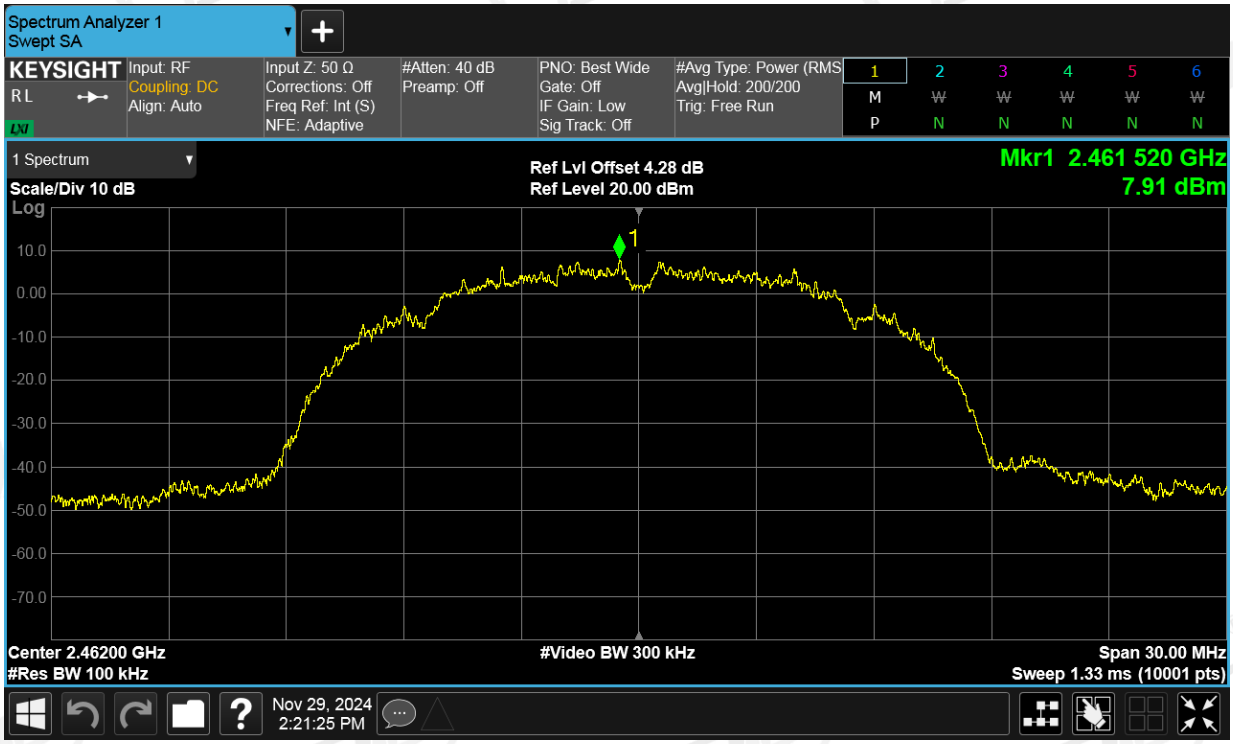
Band Edge NVNT b 2412MHz Ant1 Ref



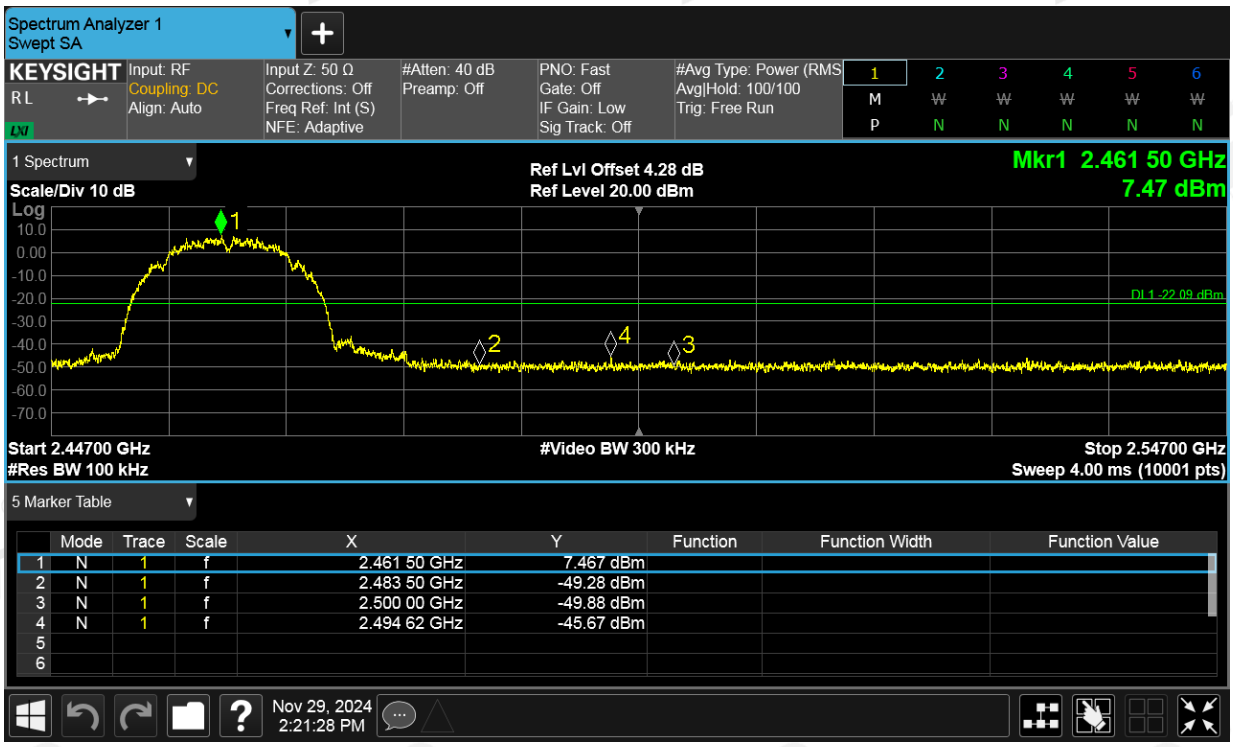
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref