

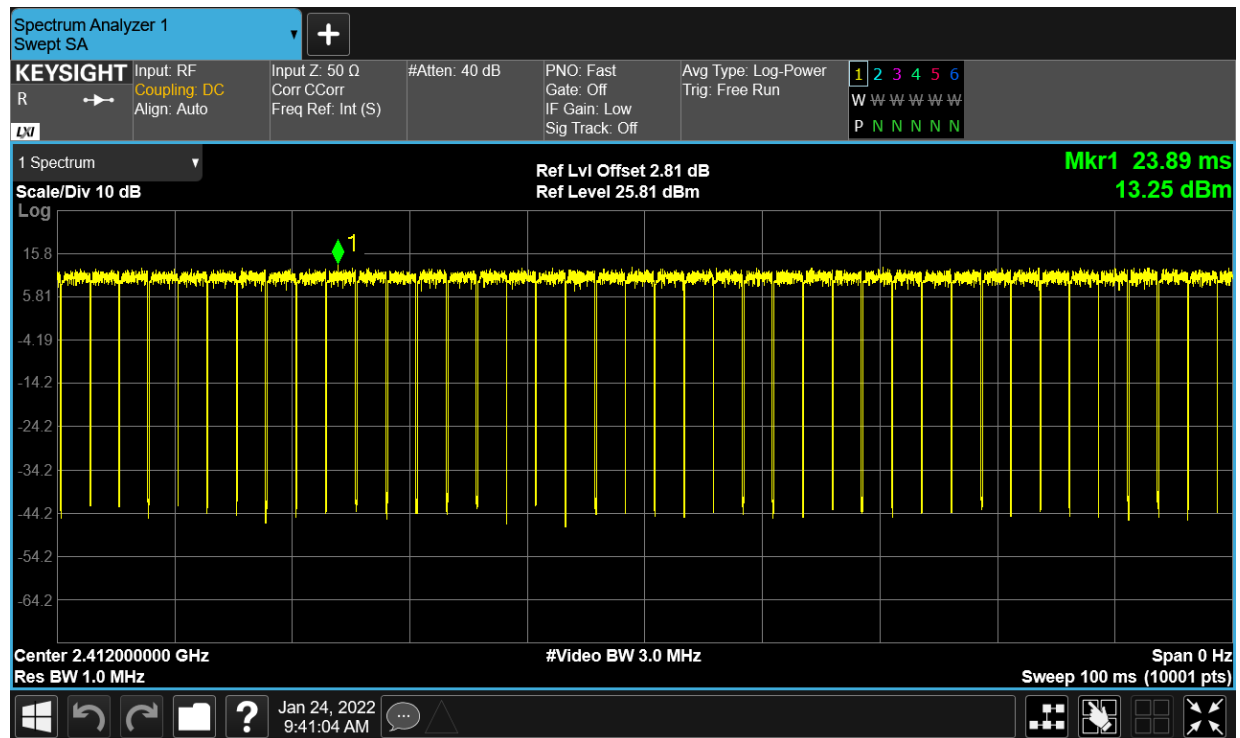
Test Data

Duty Cycle

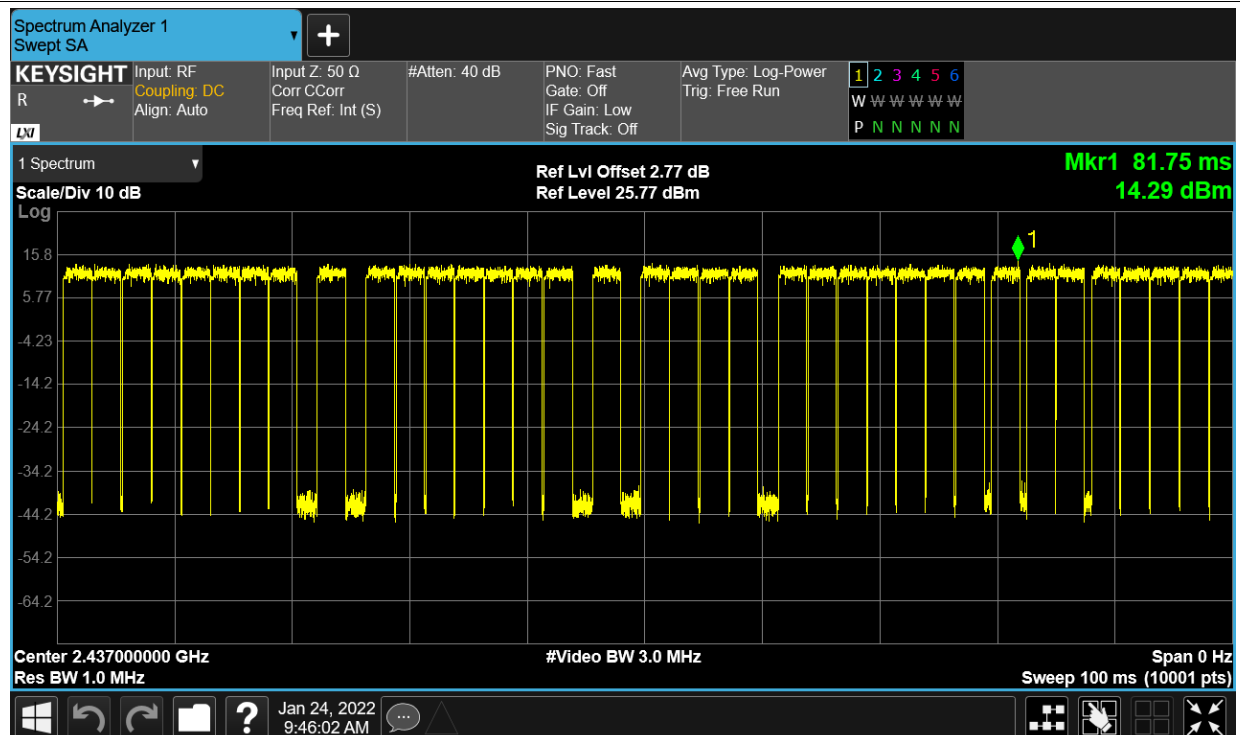
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	96.41	0.16
NVNT	b	2437	Ant1	88.14	0.55
NVNT	b	2462	Ant1	96.42	0.16
NVNT	g	2412	Ant1	73.41	1.34
NVNT	g	2437	Ant1	73.72	1.32
NVNT	g	2462	Ant1	74.49	1.28
NVNT	n20	2412	Ant1	73.08	1.36
NVNT	n20	2437	Ant1	72.31	1.41
NVNT	n20	2462	Ant1	72.58	1.39

Test Graphs

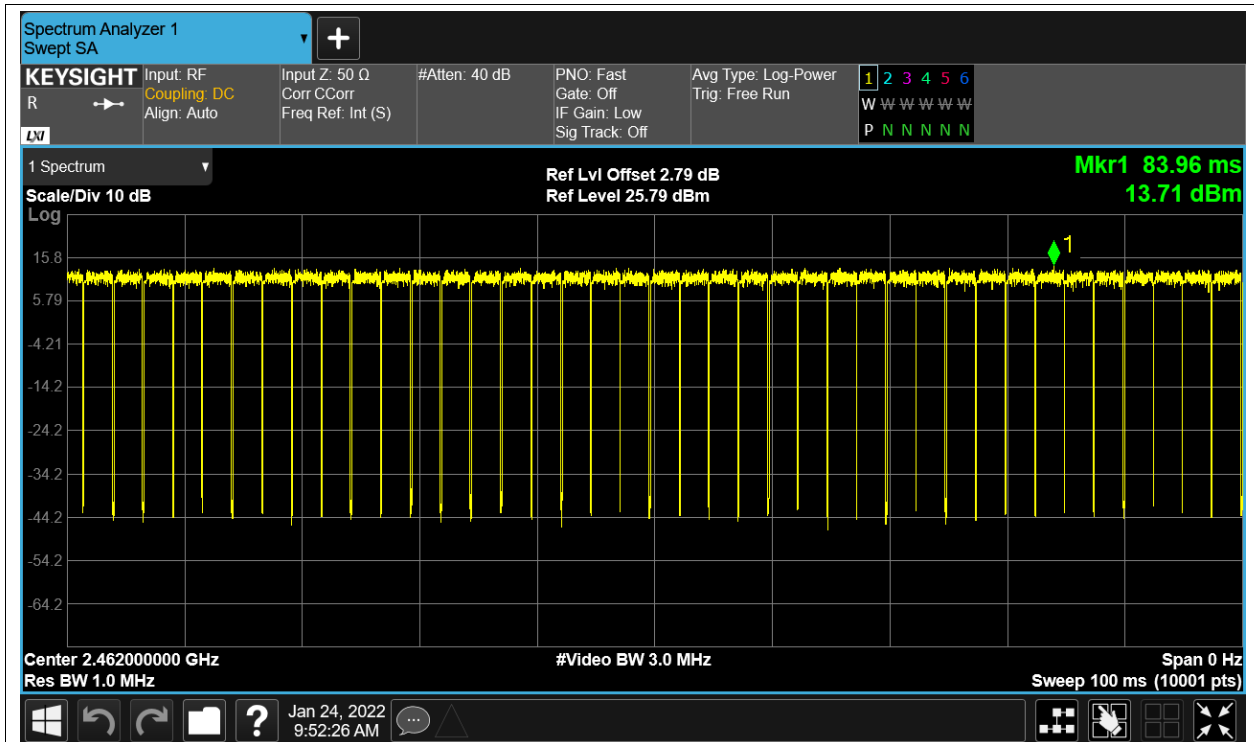
Duty Cycle NVNT b 2412MHz Ant1



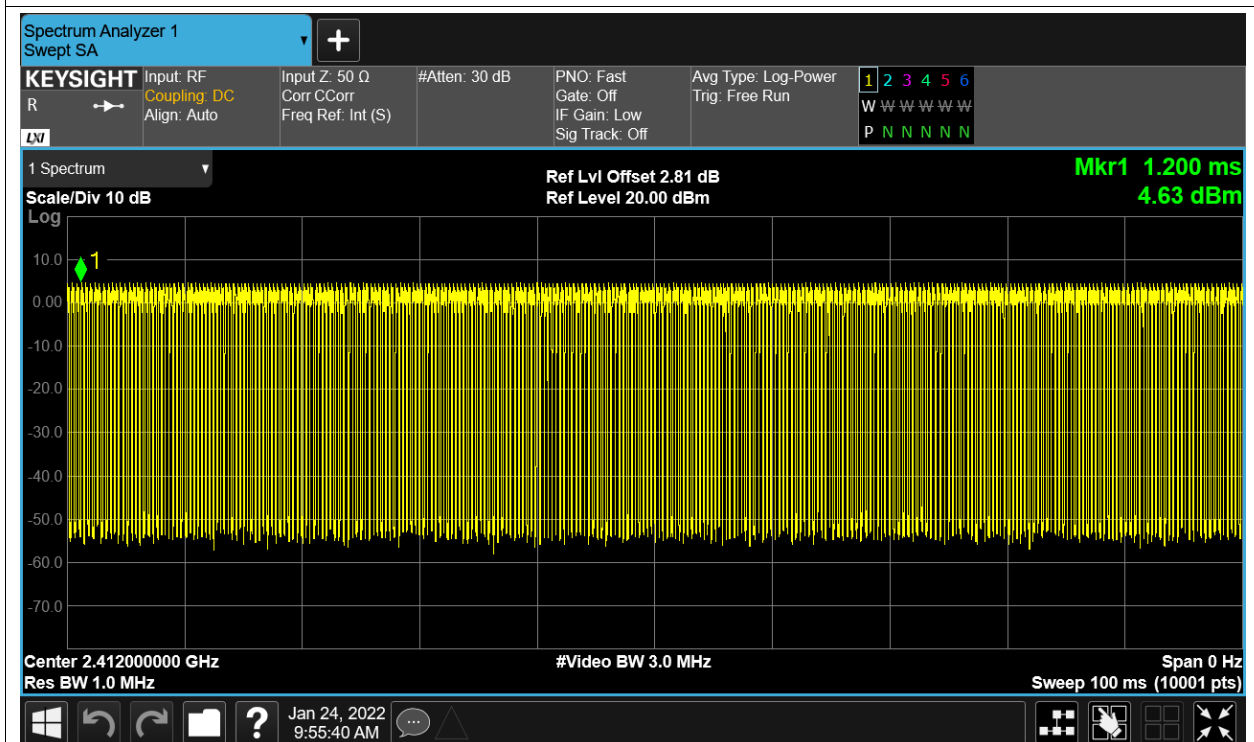
Duty Cycle NVNT b 2437MHz Ant1



Duty Cycle NVNT b 2462MHz Ant1



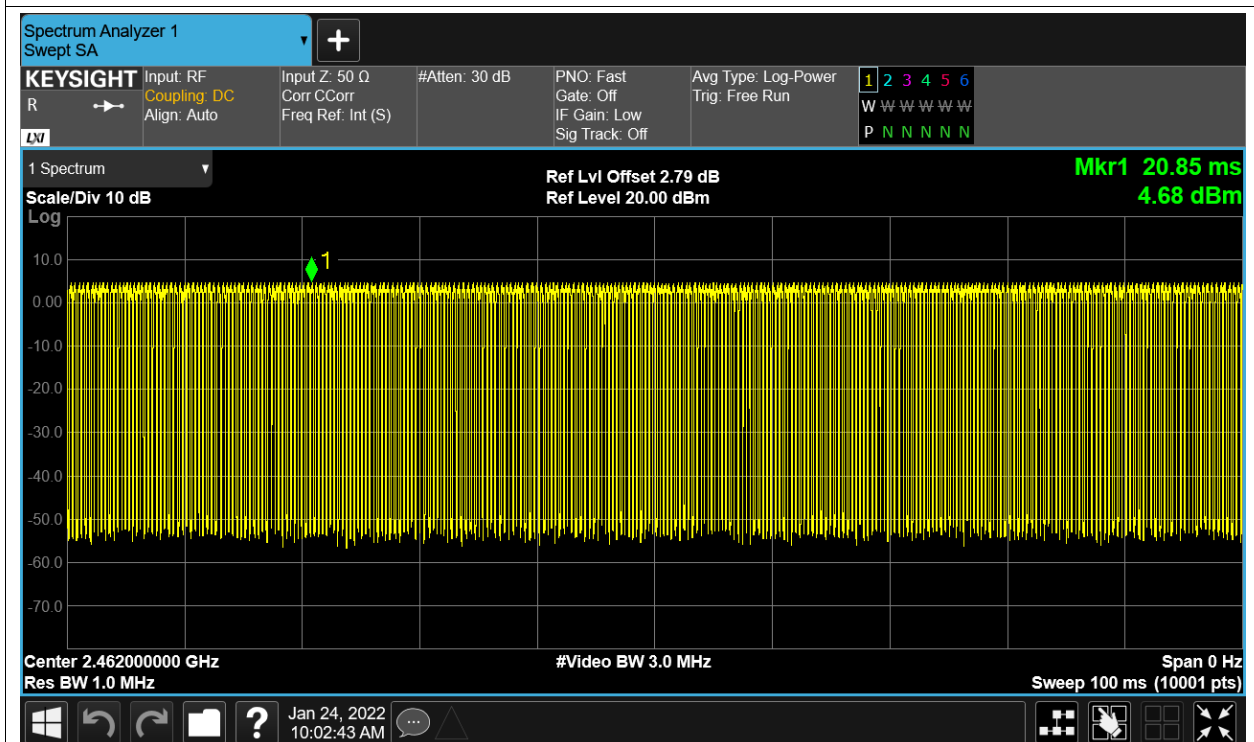
Duty Cycle NVNT g 2412MHz Ant1



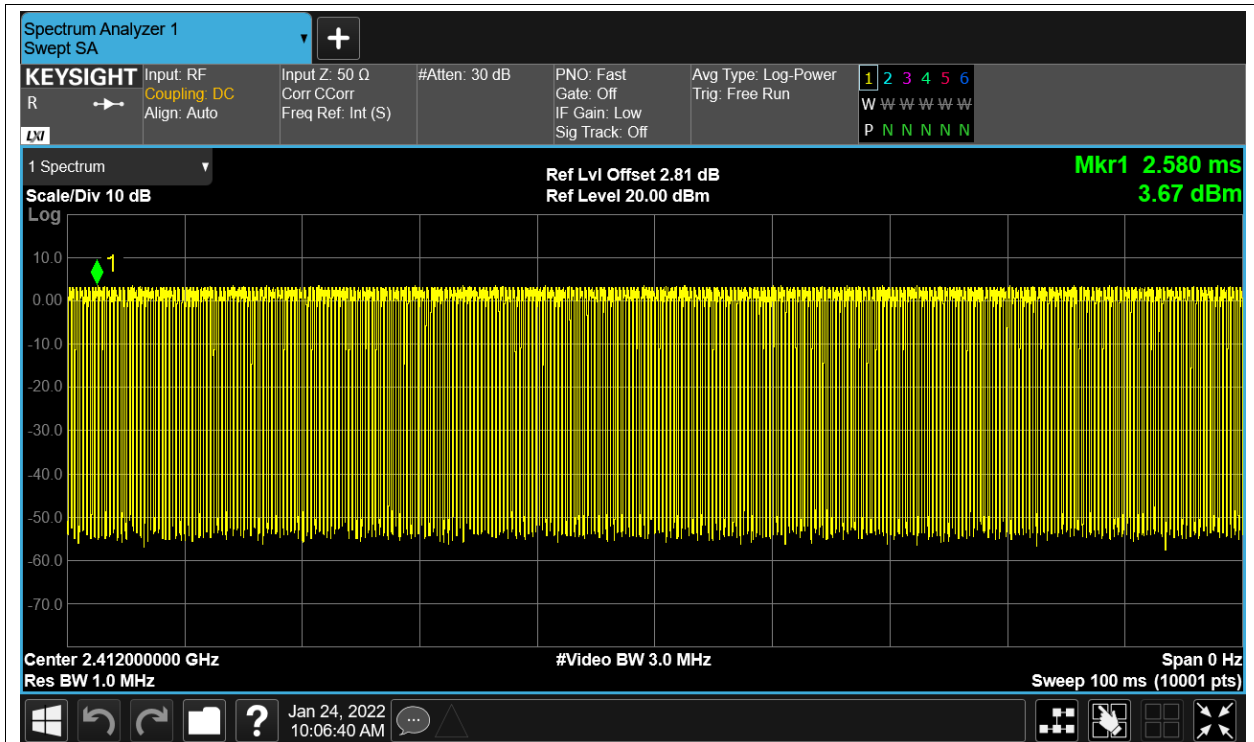
Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT g 2462MHz Ant1



Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



Duty Cycle NVNT n20 2462MHz Ant1



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	15.5	0.32	15.82	30	Pass
NVNT	b	2437	Ant1	14.99	0.55	15.54	30	Pass
NVNT	b	2462	Ant1	14.69	0.16	14.85	30	Pass
NVNT	g	2412	Ant1	9.64	1.34	10.98	30	Pass
NVNT	g	2437	Ant1	9.89	1.32	11.21	30	Pass
NVNT	g	2462	Ant1	9.77	1.28	11.05	30	Pass
NVNT	n20	2412	Ant1	9.76	1.36	11.12	30	Pass
NVNT	n20	2437	Ant1	9.87	1.41	11.28	30	Pass
NVNT	n20	2462	Ant1	9.67	1.39	11.06	30	Pass

-6dB Bandwidth

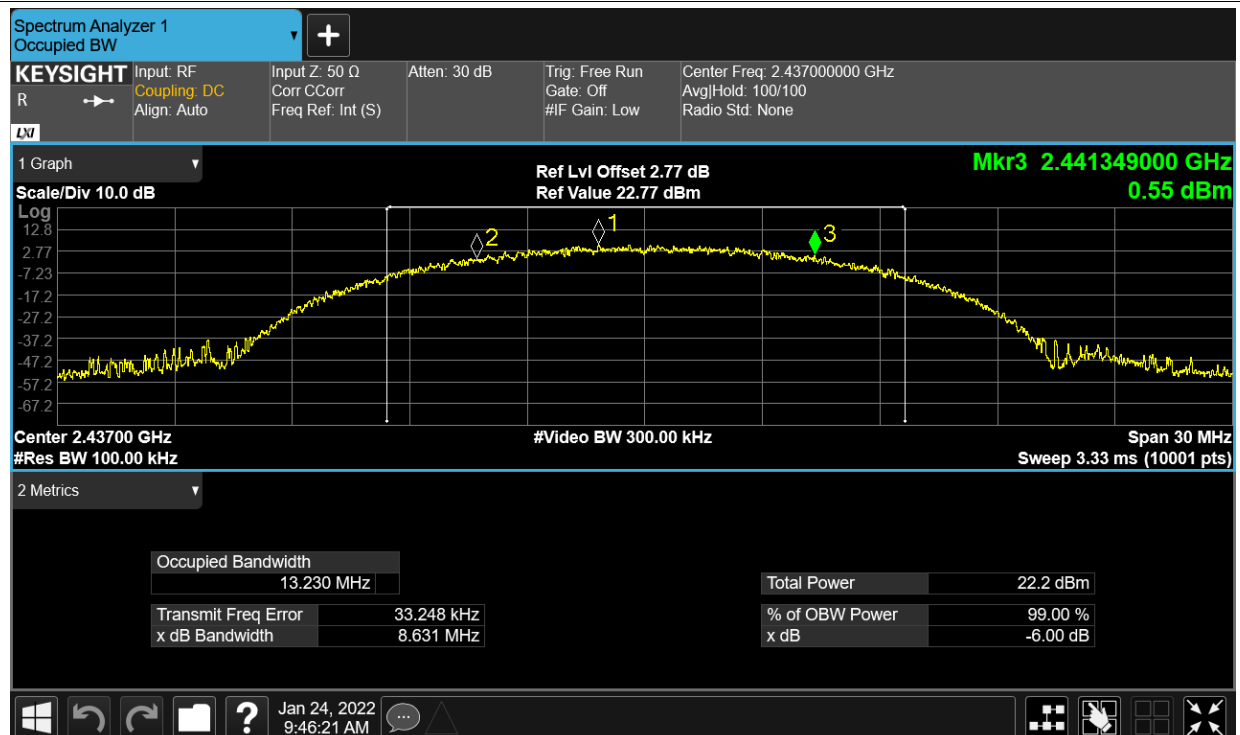
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.229	0.5	Pass
NVNT	b	2437	Ant1	8.631	0.5	Pass
NVNT	b	2462	Ant1	8.34	0.5	Pass
NVNT	g	2412	Ant1	16.423	0.5	Pass
NVNT	g	2437	Ant1	16.4	0.5	Pass
NVNT	g	2462	Ant1	16.397	0.5	Pass
NVNT	n20	2412	Ant1	17.388	0.5	Pass
NVNT	n20	2437	Ant1	17.508	0.5	Pass
NVNT	n20	2462	Ant1	17.642	0.5	Pass

Test Graphs

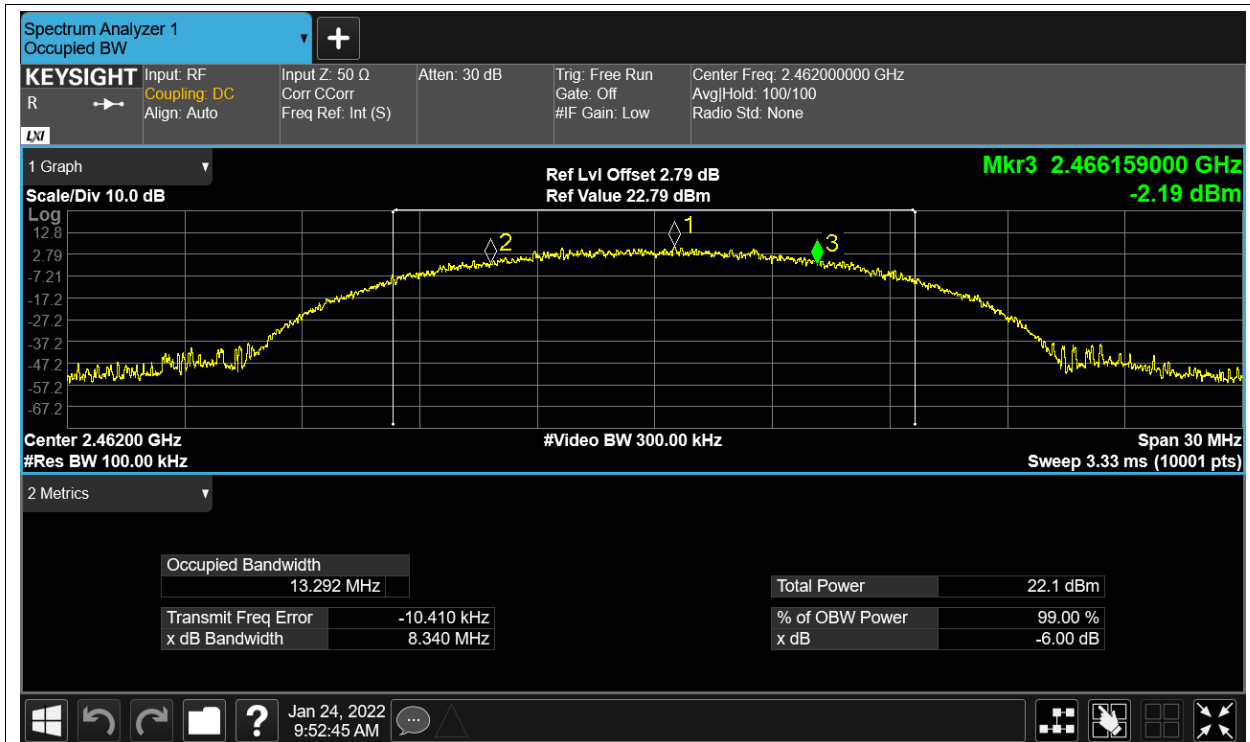
-6dB Bandwidth NVNT b 2412MHz Ant1



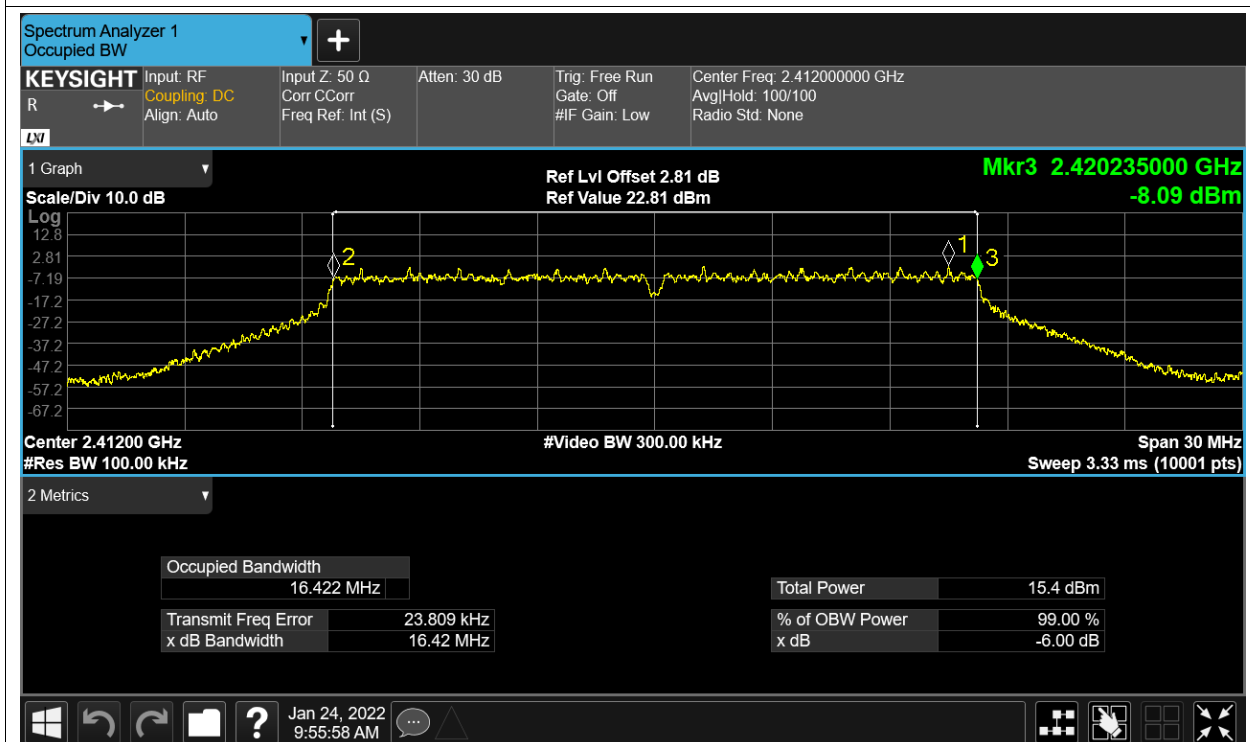
-6dB Bandwidth NVNT b 2437MHz Ant1



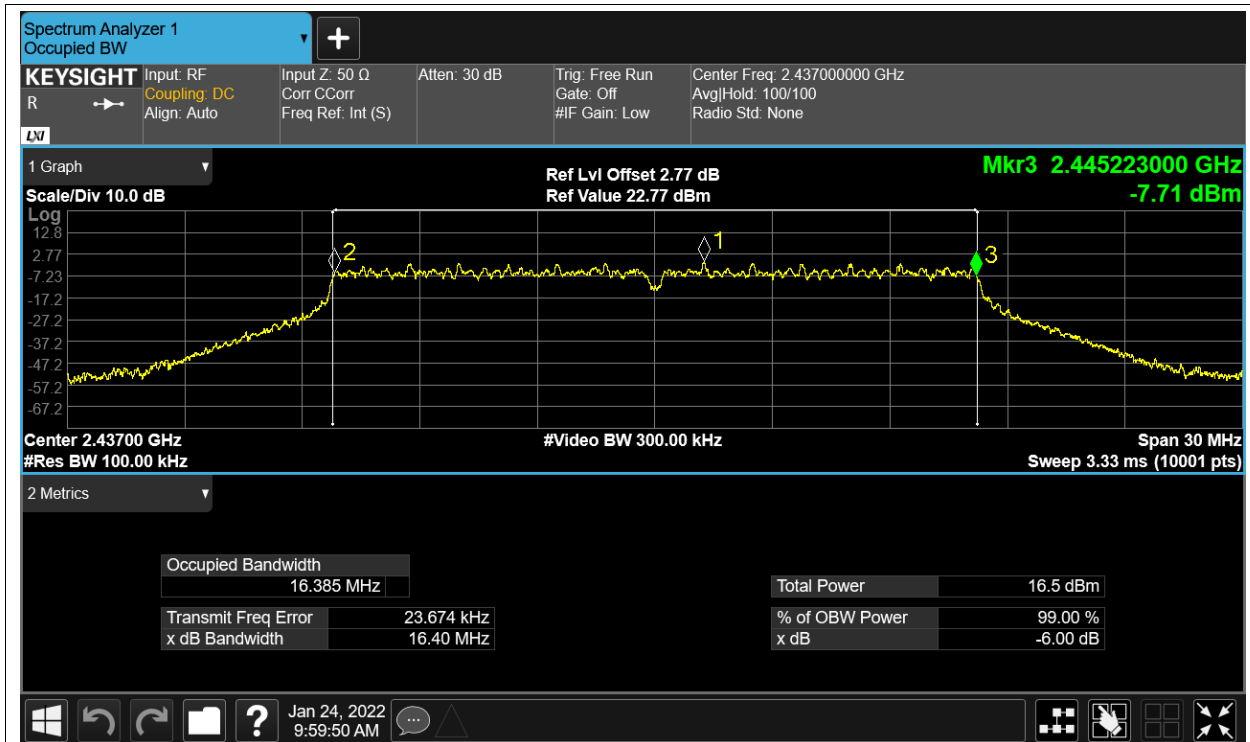
-6dB Bandwidth NVNT b 2462MHz Ant1



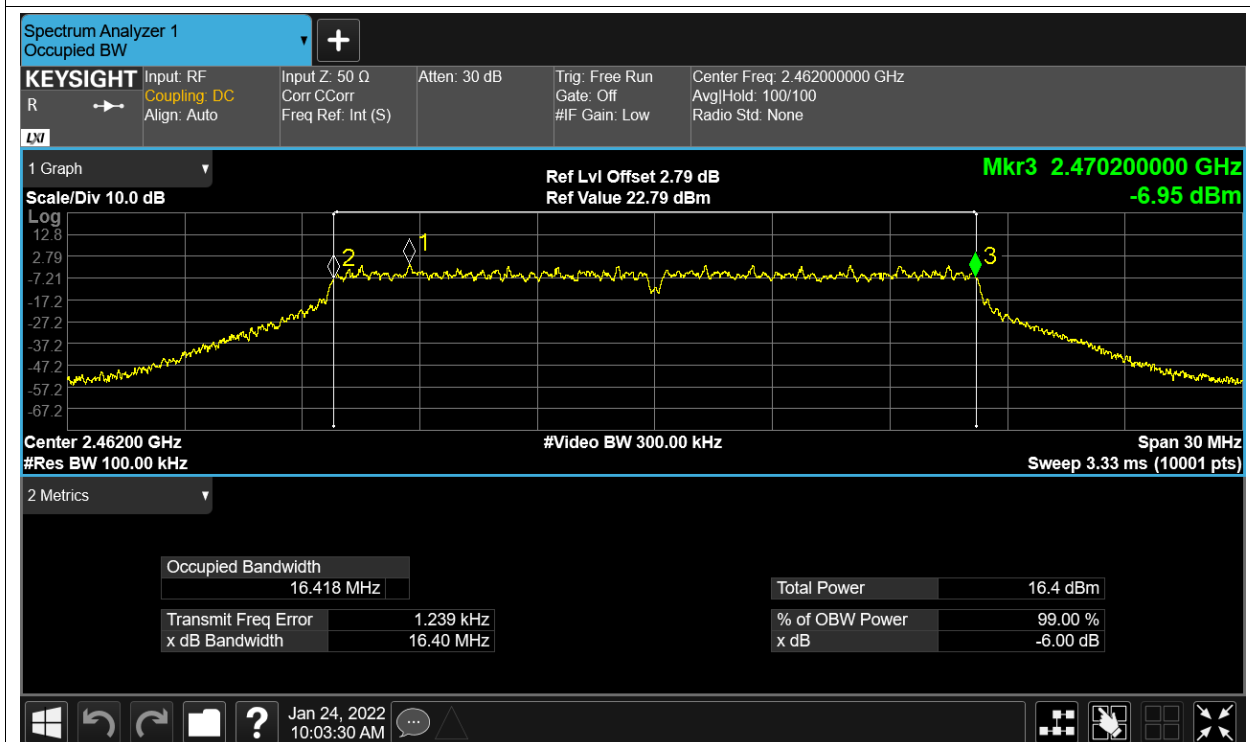
-6dB Bandwidth NVNT g 2412MHz Ant1



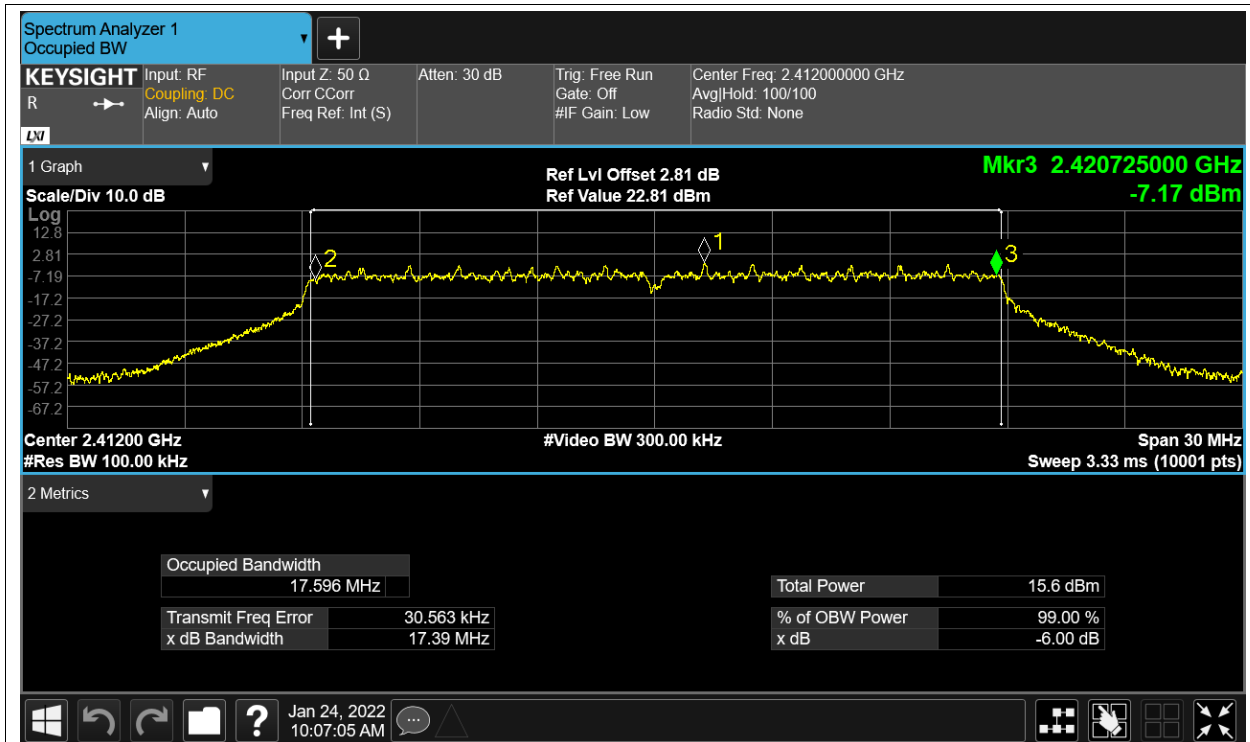
-6dB Bandwidth NVNT g 2437MHz Ant1



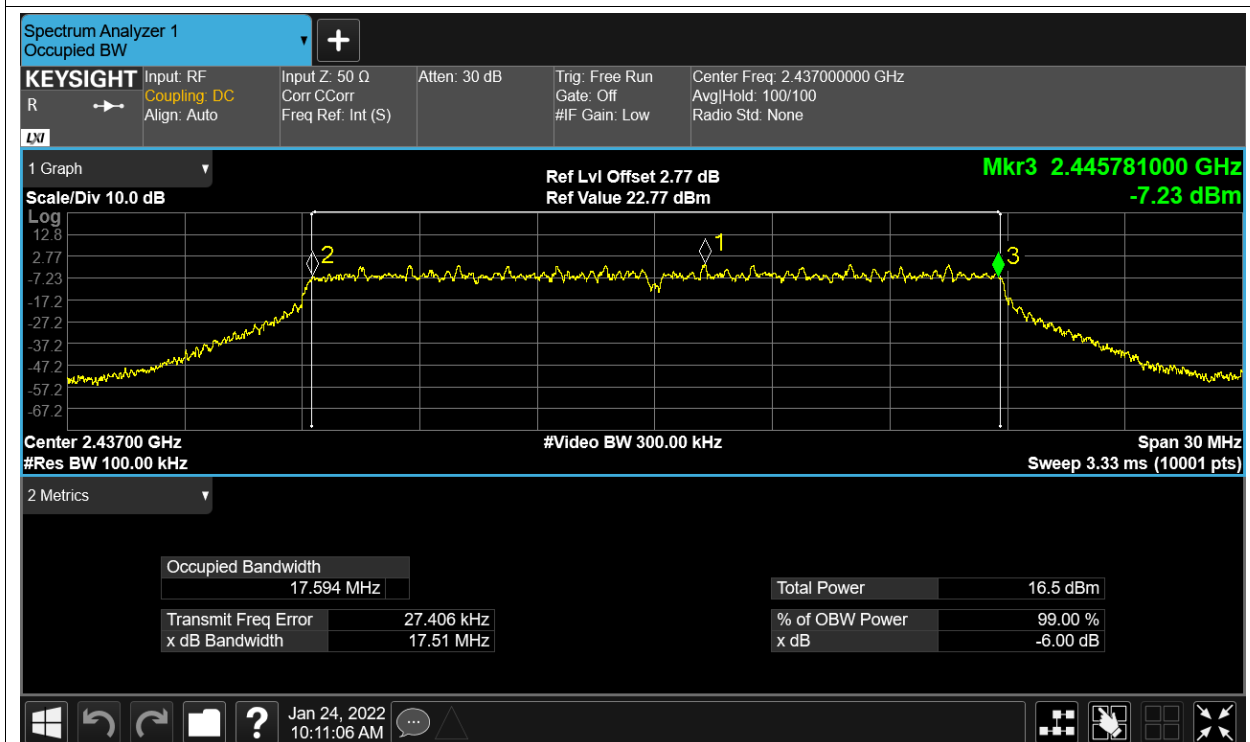
-6dB Bandwidth NVNT g 2462MHz Ant1



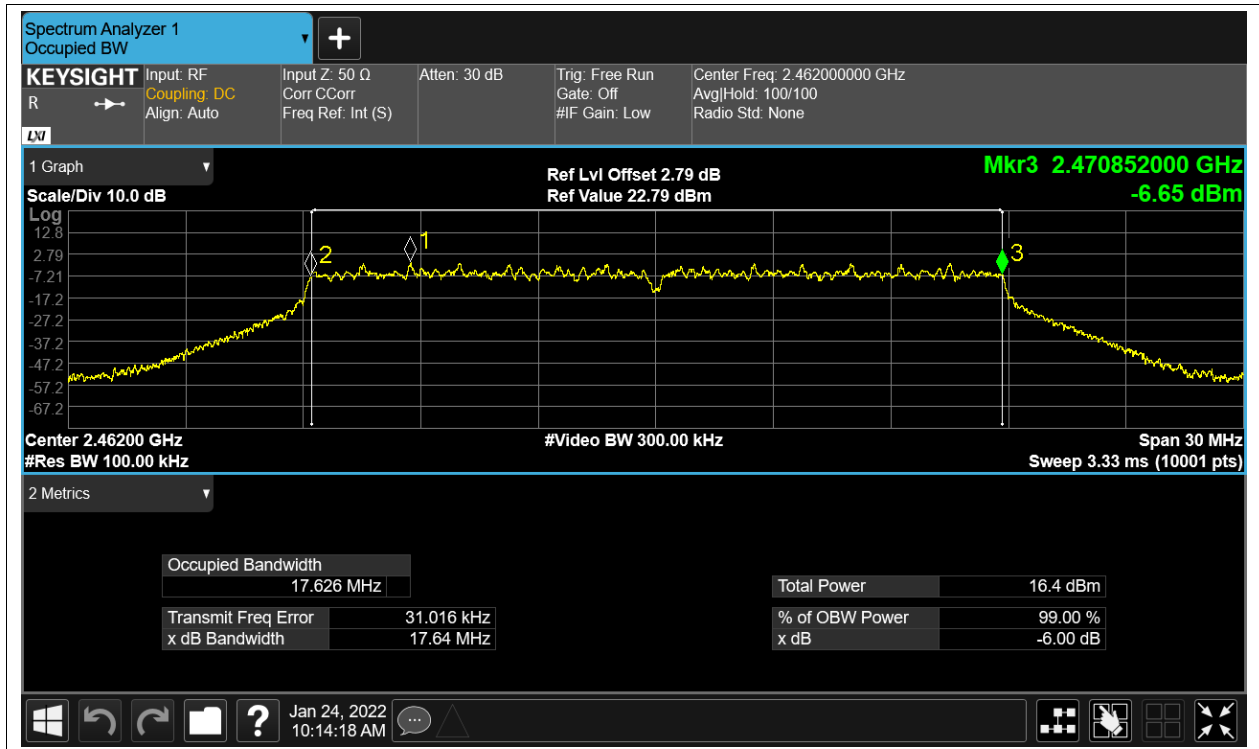
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1



Occupied Channel Bandwidth

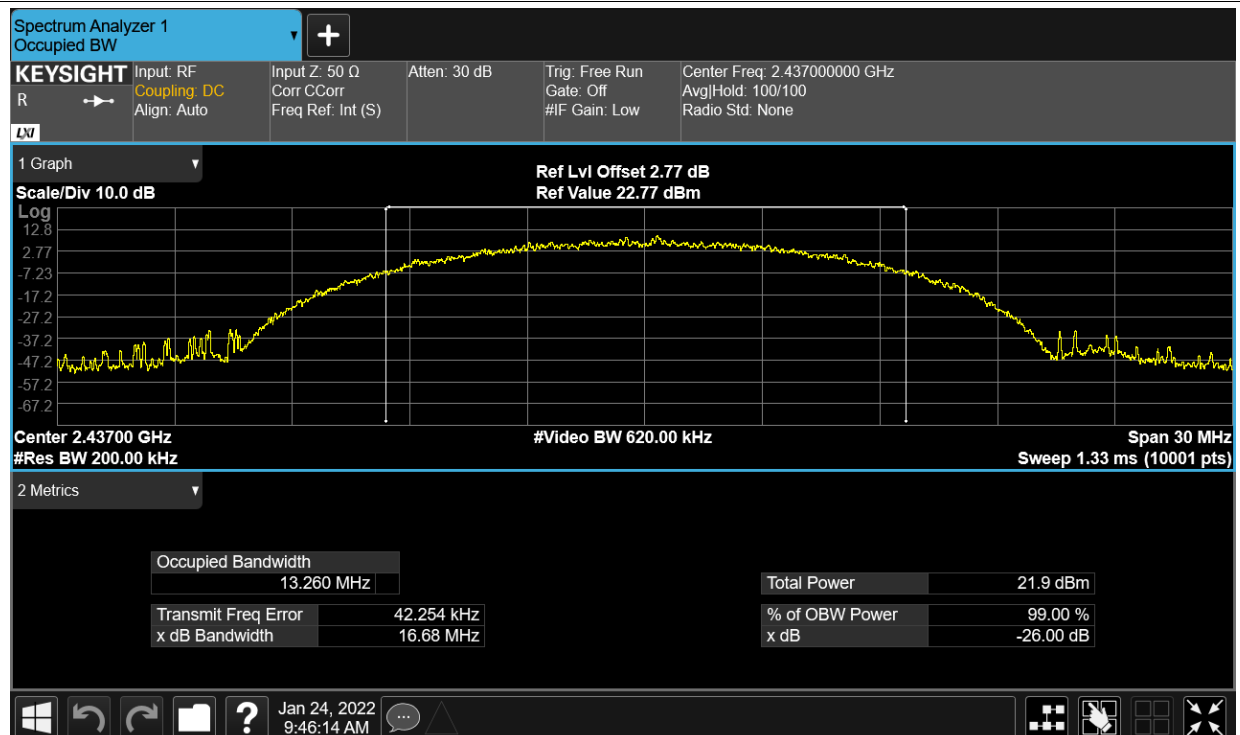
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.29887964
NVNT	b	2437	Ant1	13.26042401
NVNT	b	2462	Ant1	13.37450334
NVNT	g	2412	Ant1	16.5523365
NVNT	g	2437	Ant1	16.48252617
NVNT	g	2462	Ant1	16.51582855
NVNT	n20	2412	Ant1	17.6976064
NVNT	n20	2437	Ant1	17.64583943
NVNT	n20	2462	Ant1	17.69105862

Test Graphs

OBW NVNT b 2412MHz Ant1



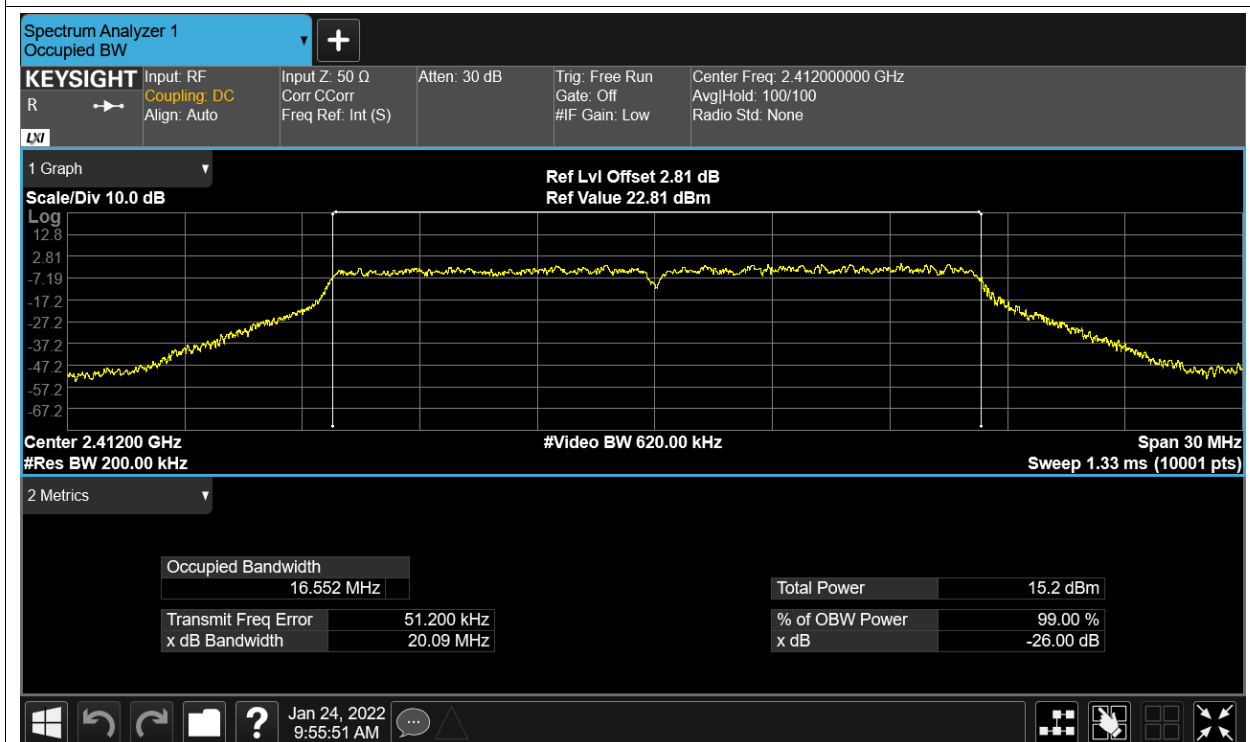
OBW NVNT b 2437MHz Ant1



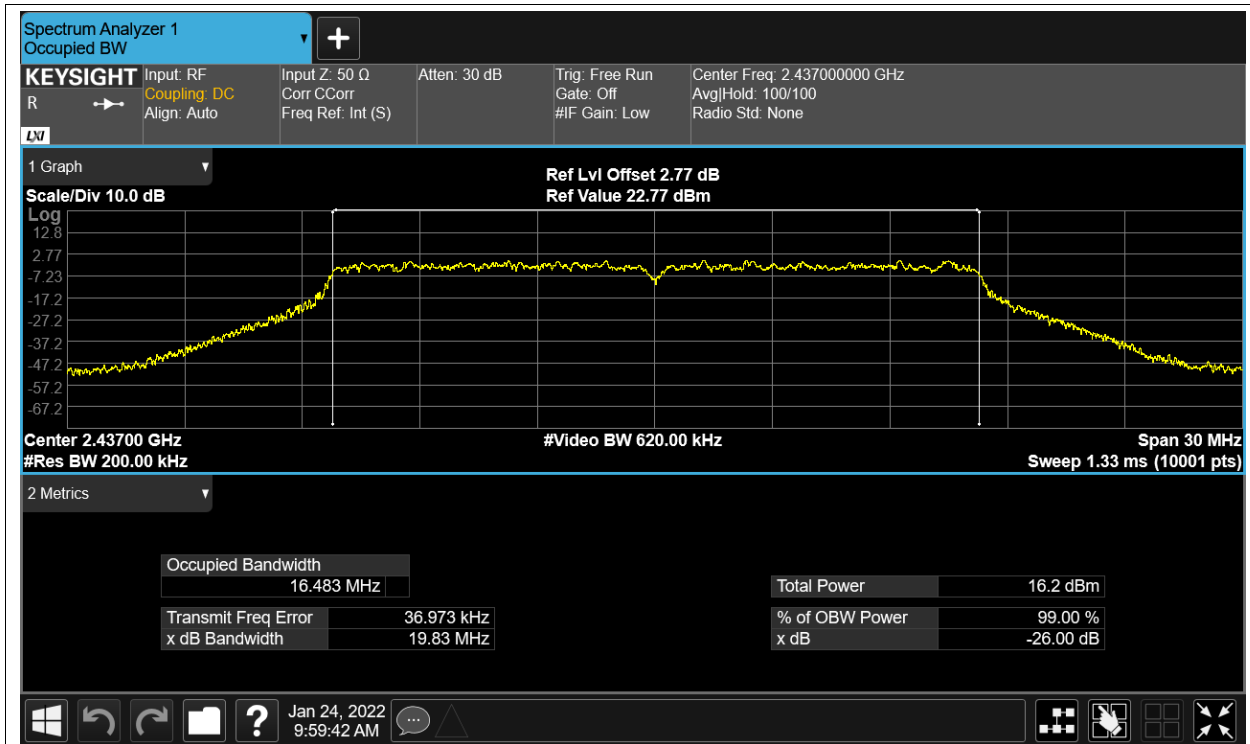
OBW NVNT b 2462MHz Ant1



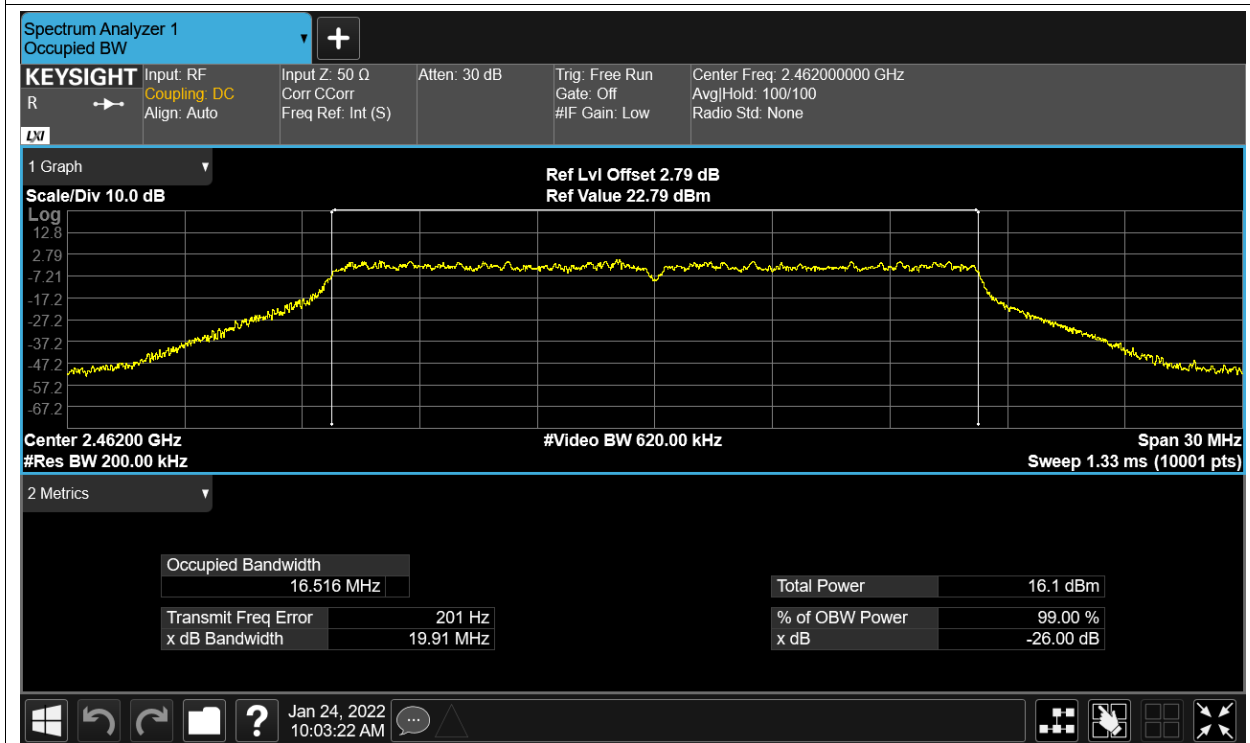
OBW NVNT g 2412MHz Ant1



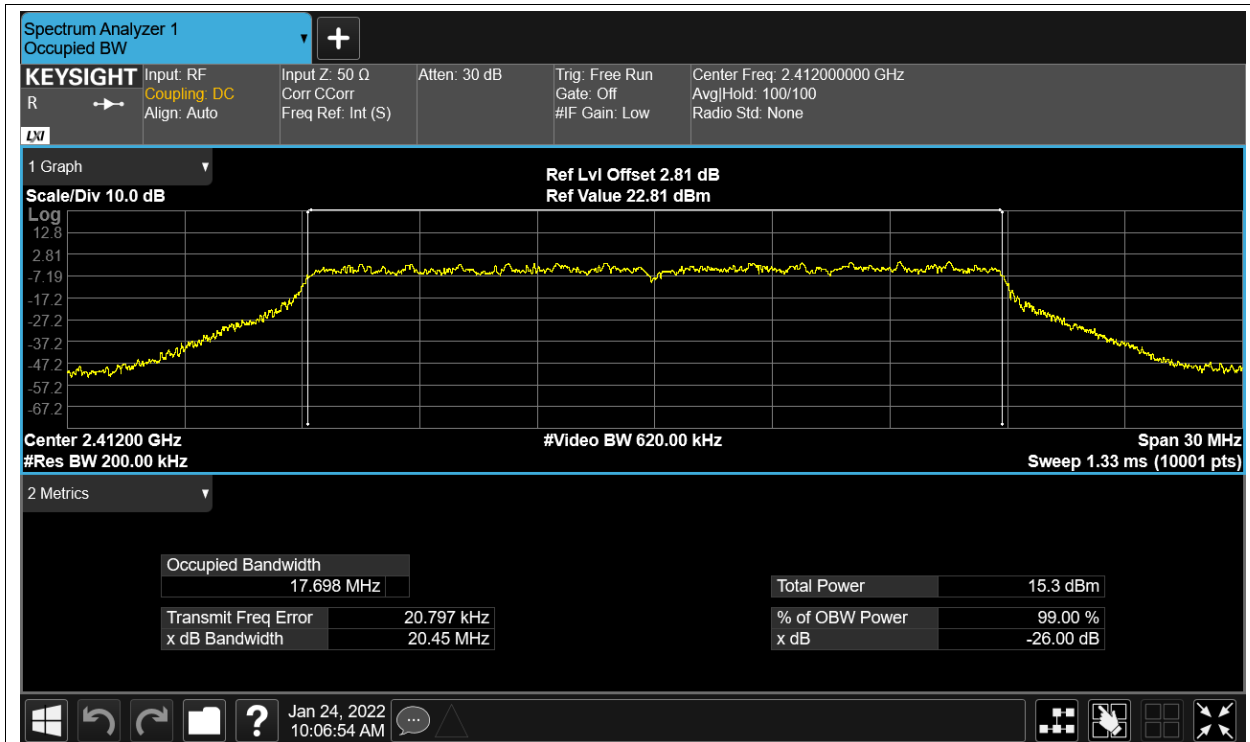
OBW NVNT g 2437MHz Ant1



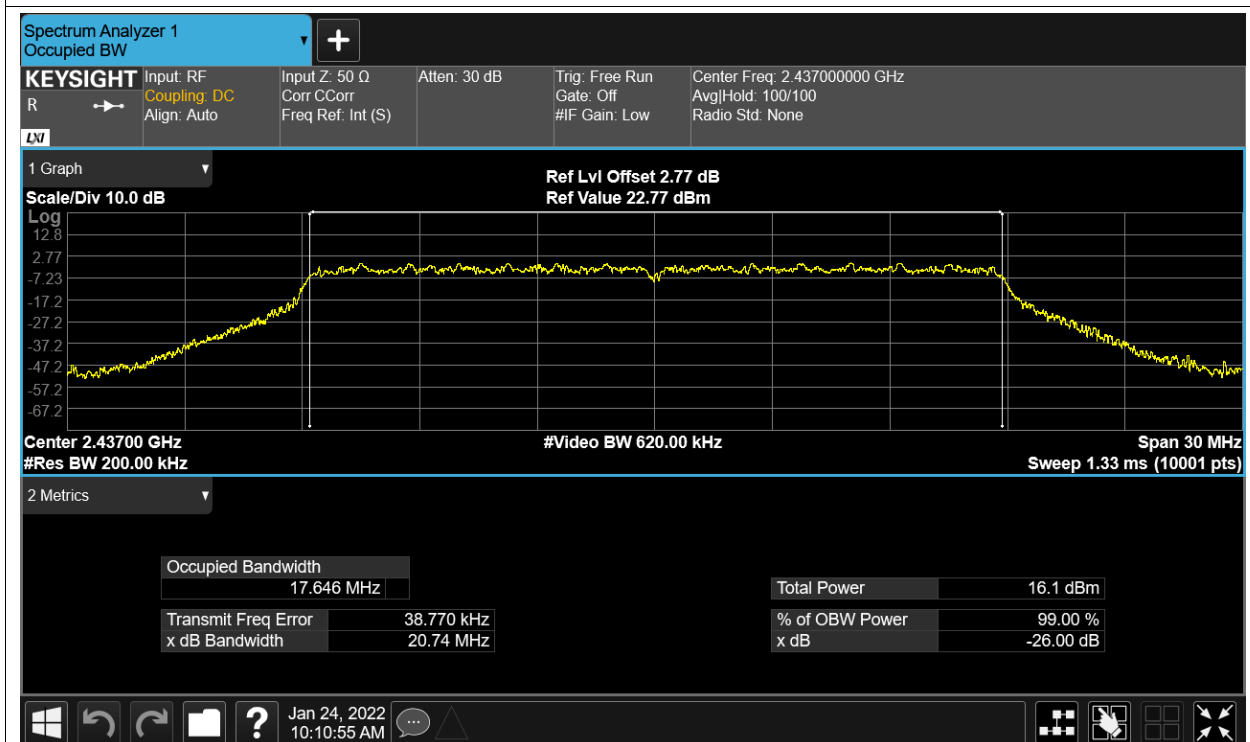
OBW NVNT g 2462MHz Ant1



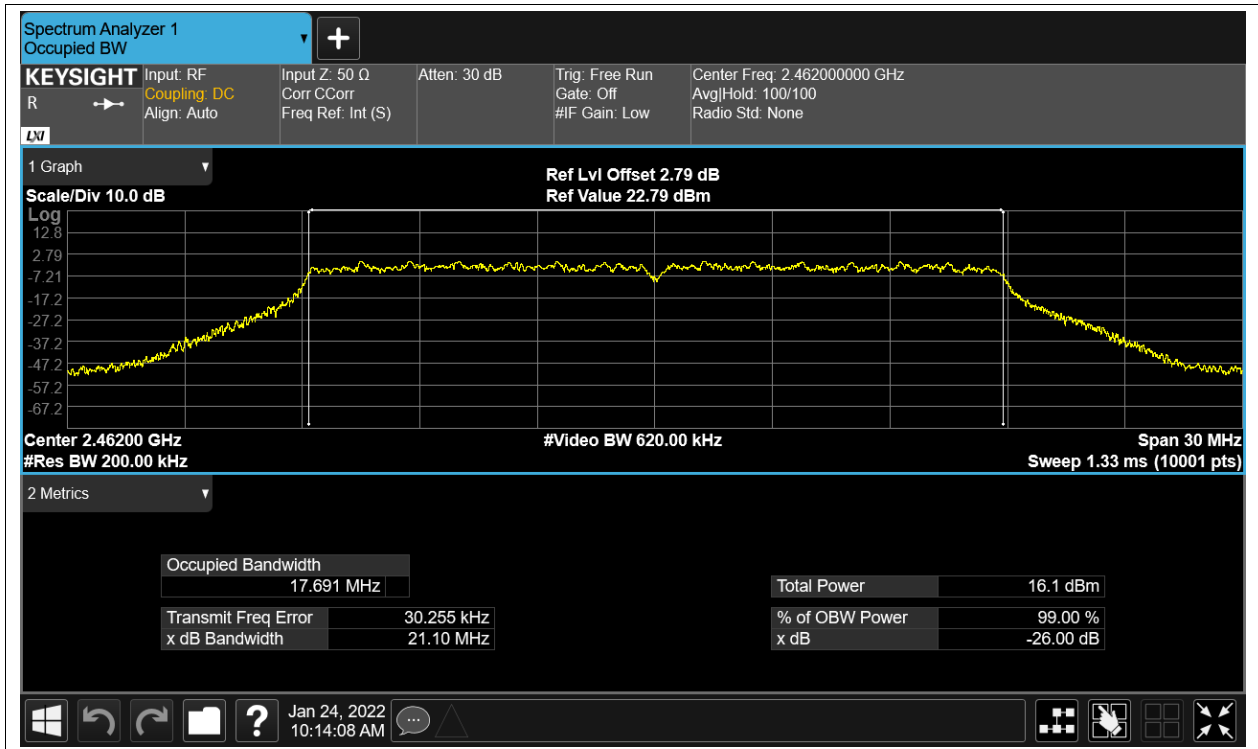
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1

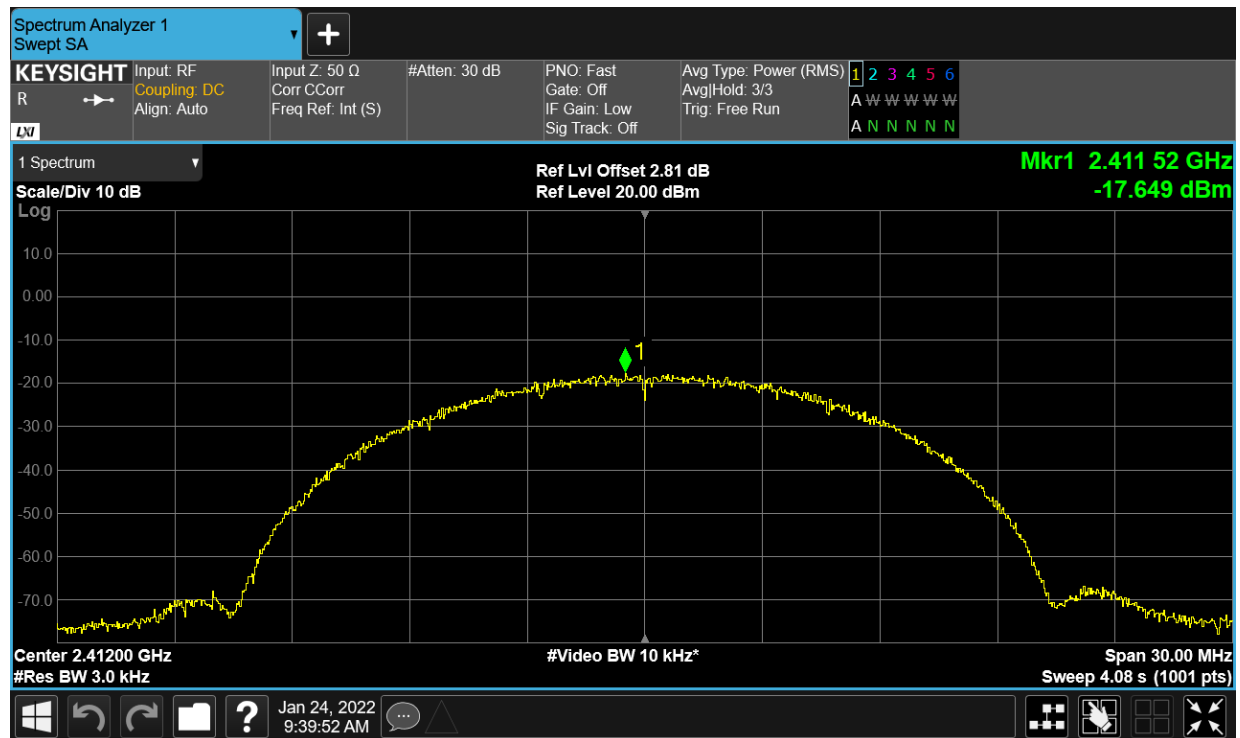


Maximum Power Spectral Density Level

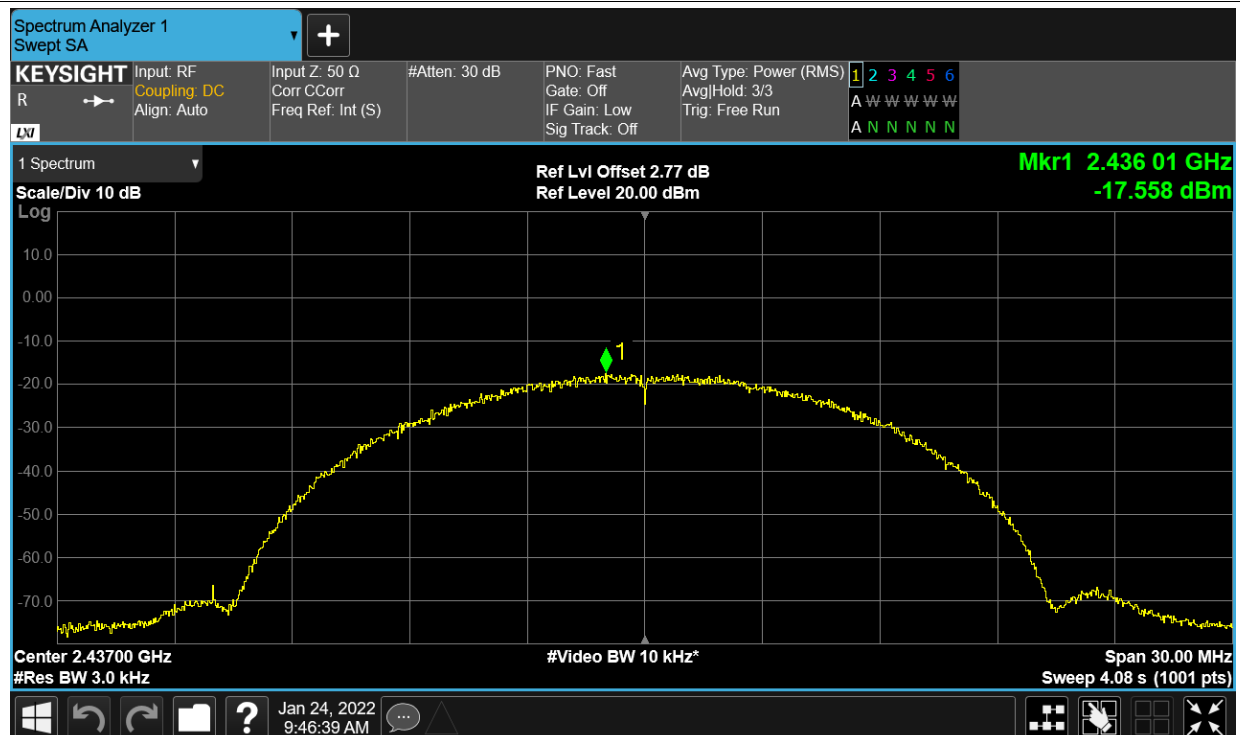
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-17.649	8	Pass
NVNT	b	2437	Ant1	-17.558	8	Pass
NVNT	b	2462	Ant1	-17.483	8	Pass
NVNT	g	2412	Ant1	-24.476	8	Pass
NVNT	g	2437	Ant1	-23.386	8	Pass
NVNT	g	2462	Ant1	-24.239	8	Pass
NVNT	n20	2412	Ant1	-24.061	8	Pass
NVNT	n20	2437	Ant1	-24.069	8	Pass
NVNT	n20	2462	Ant1	-23.813	8	Pass

Test Graphs

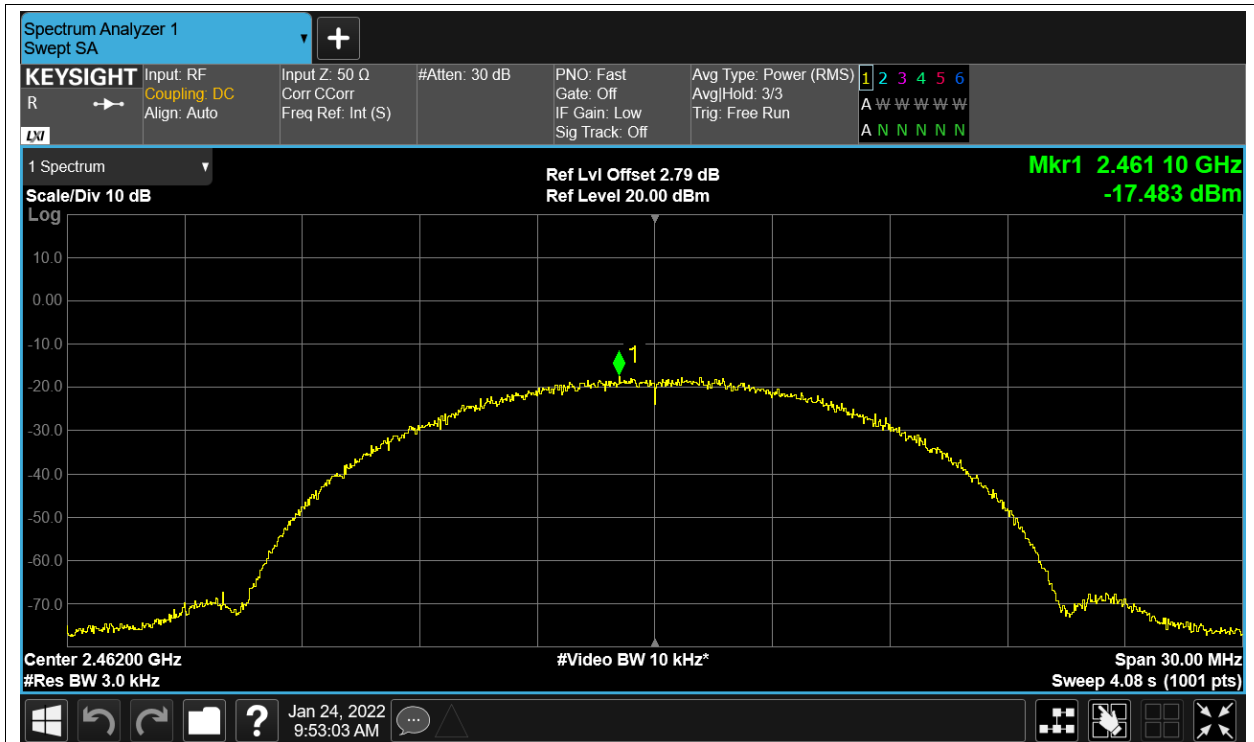
PSD NVNT b 2412MHz Ant1



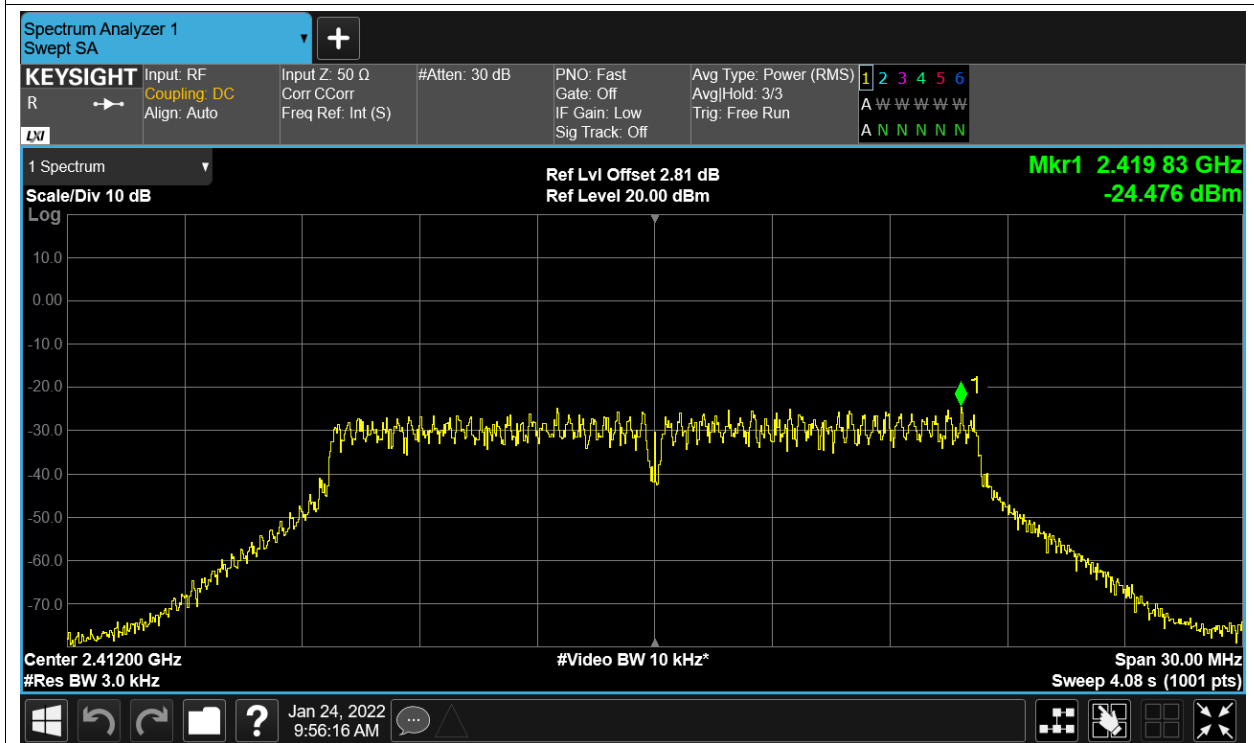
PSD NVNT b 2437MHz Ant1



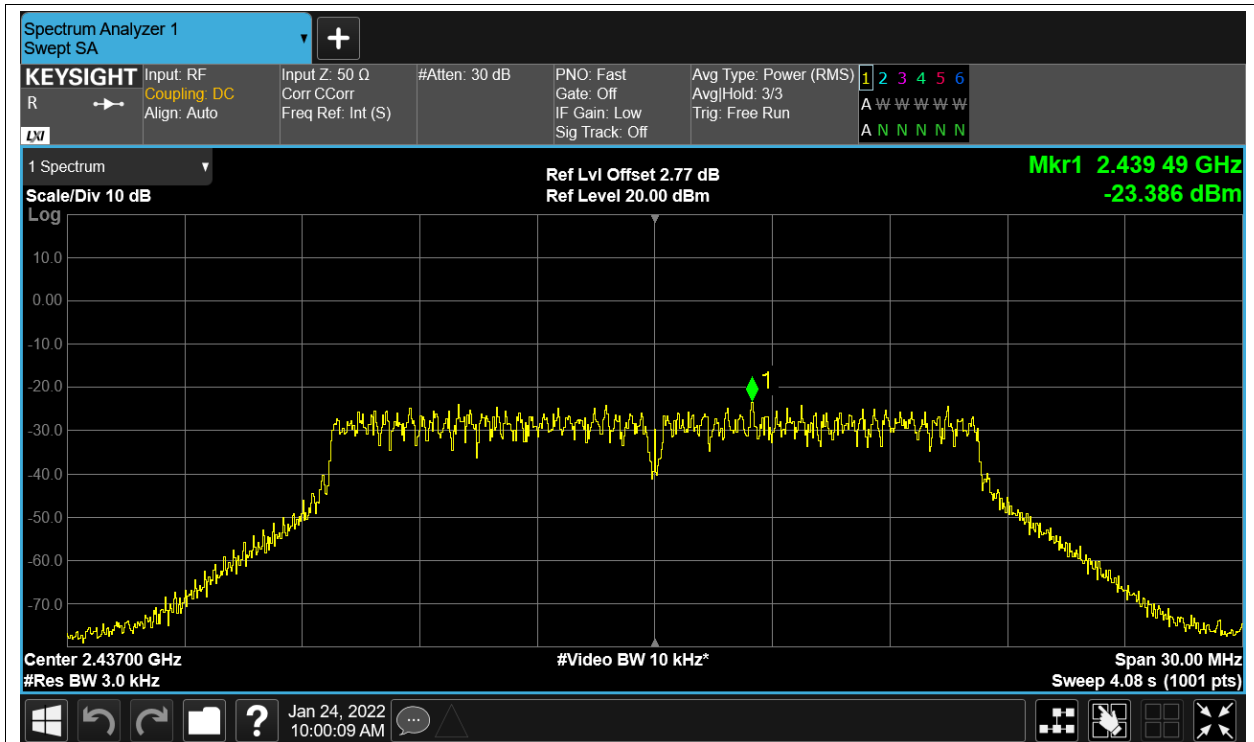
PSD NVNT b 2462MHz Ant1



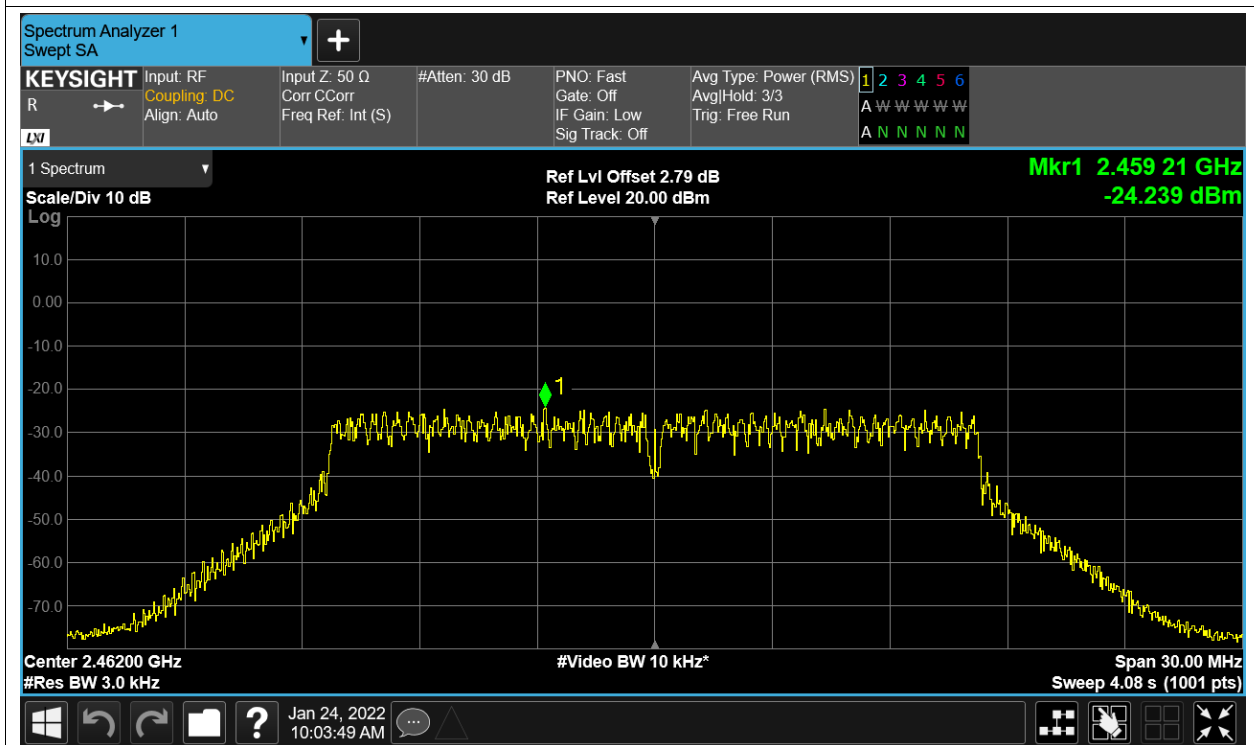
PSD NVNT g 2412MHz Ant1



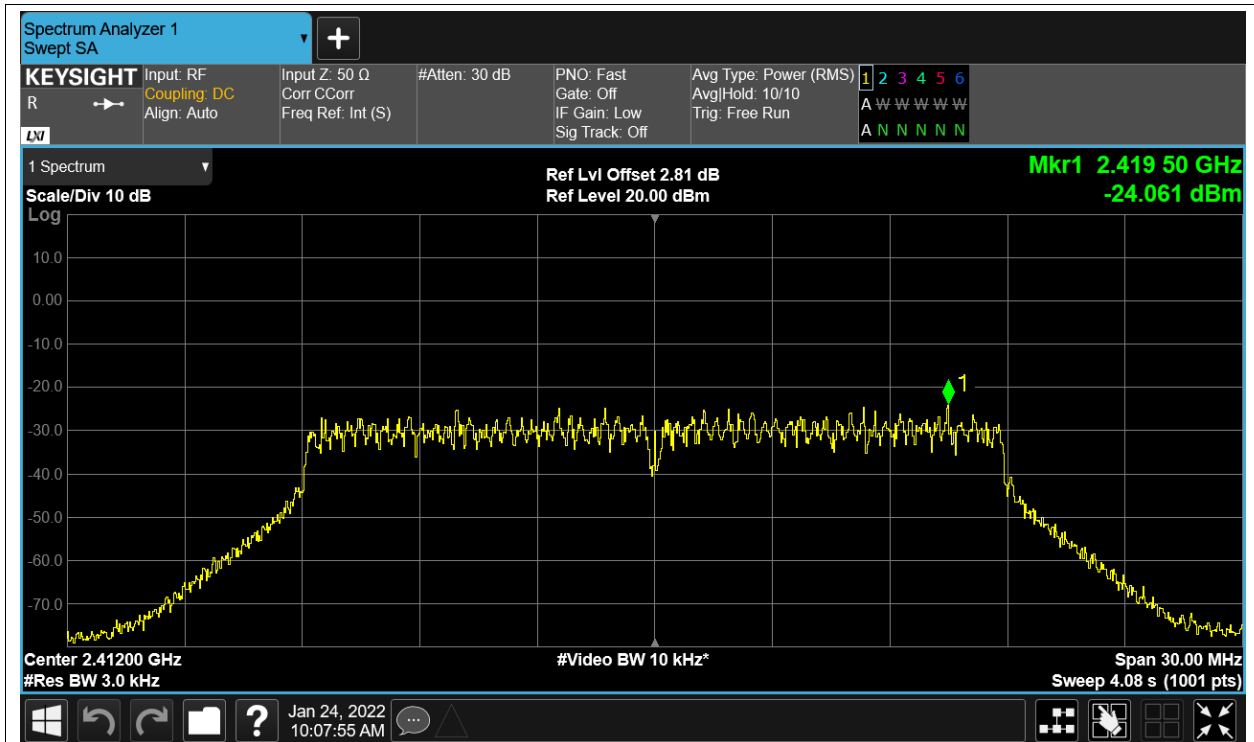
PSD NVNT g 2437MHz Ant1



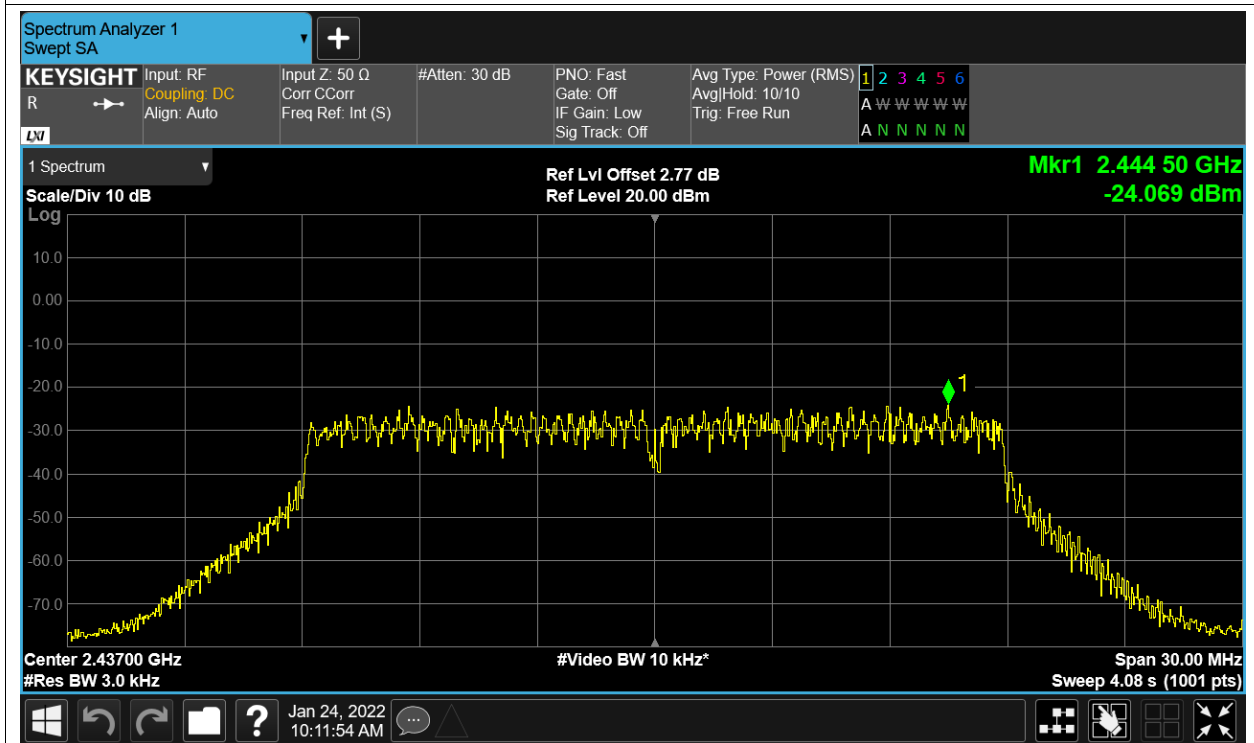
PSD NVNT g 2462MHz Ant1



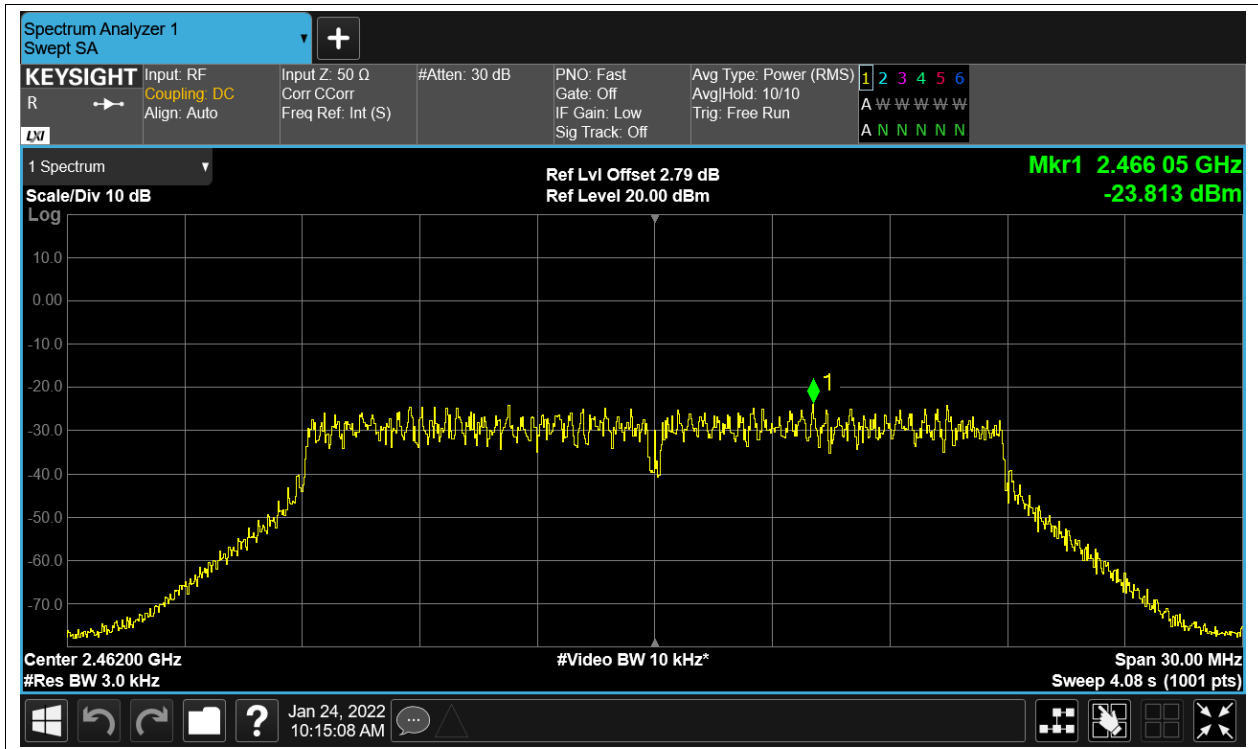
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2462MHz Ant1

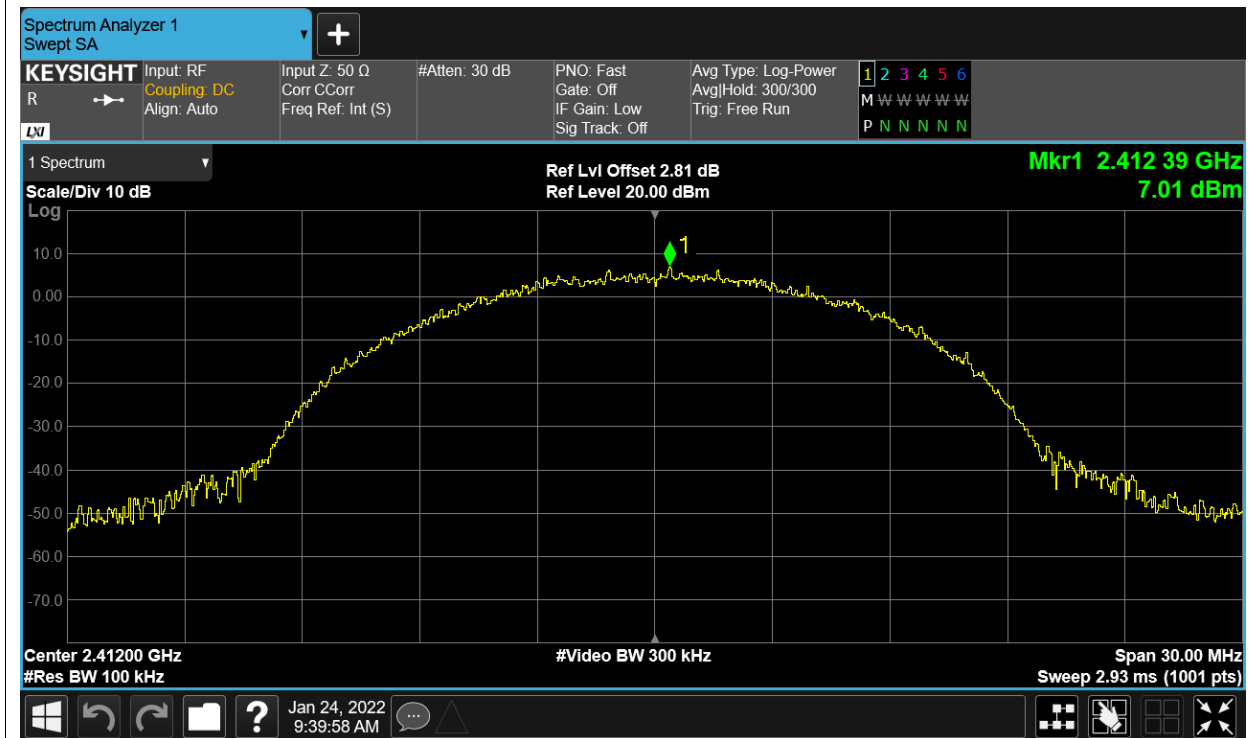


Band Edge

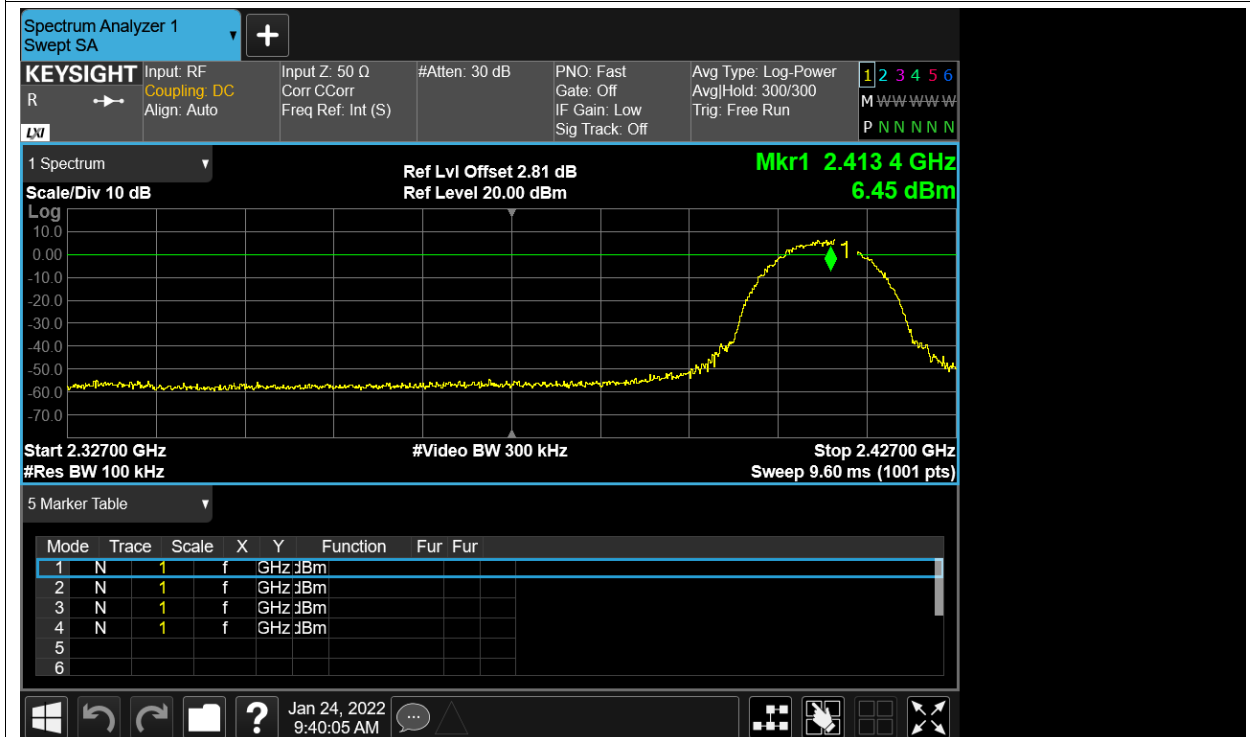
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-61.27	-30	Pass
NVNT	b	2462	Ant1	-58.83	-30	Pass
NVNT	g	2412	Ant1	-53.2	-30	Pass
NVNT	g	2462	Ant1	-52.41	-30	Pass
NVNT	n20	2412	Ant1	-53.54	-30	Pass
NVNT	n20	2462	Ant1	-51.66	-30	Pass

Test Graphs

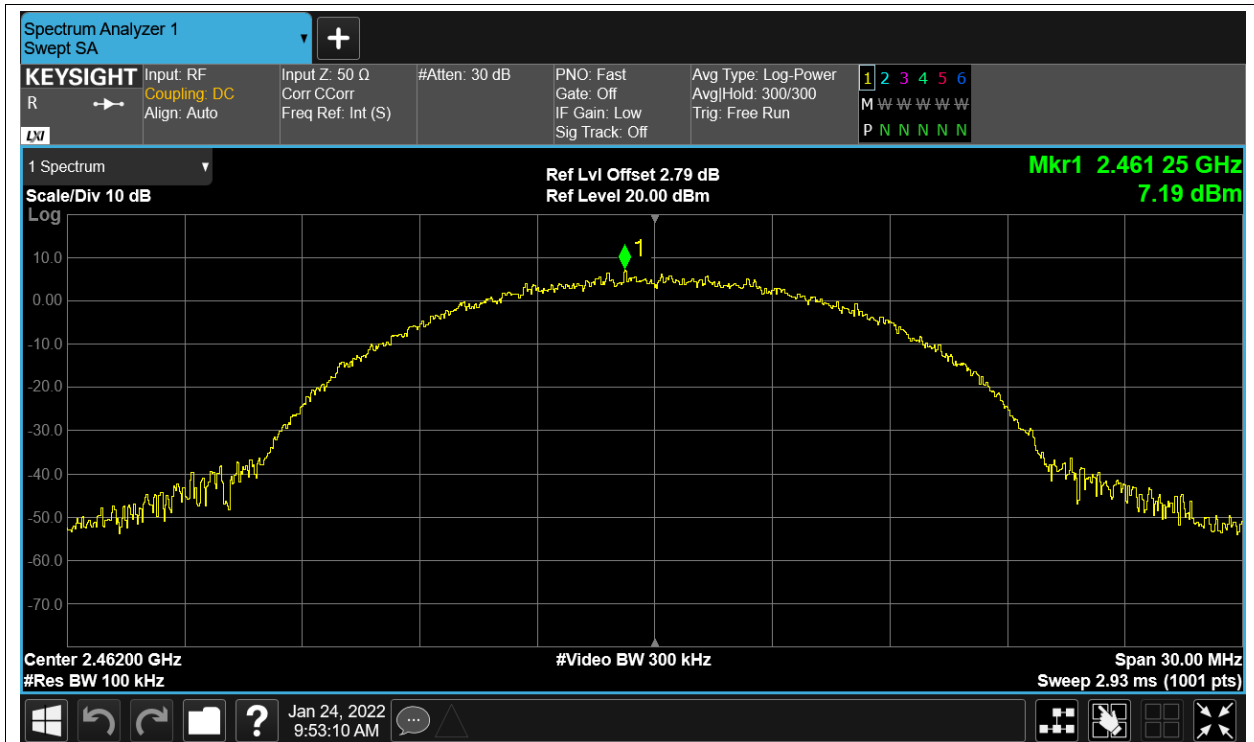
Band Edge NVNT b 2412MHz Ant1 Ref



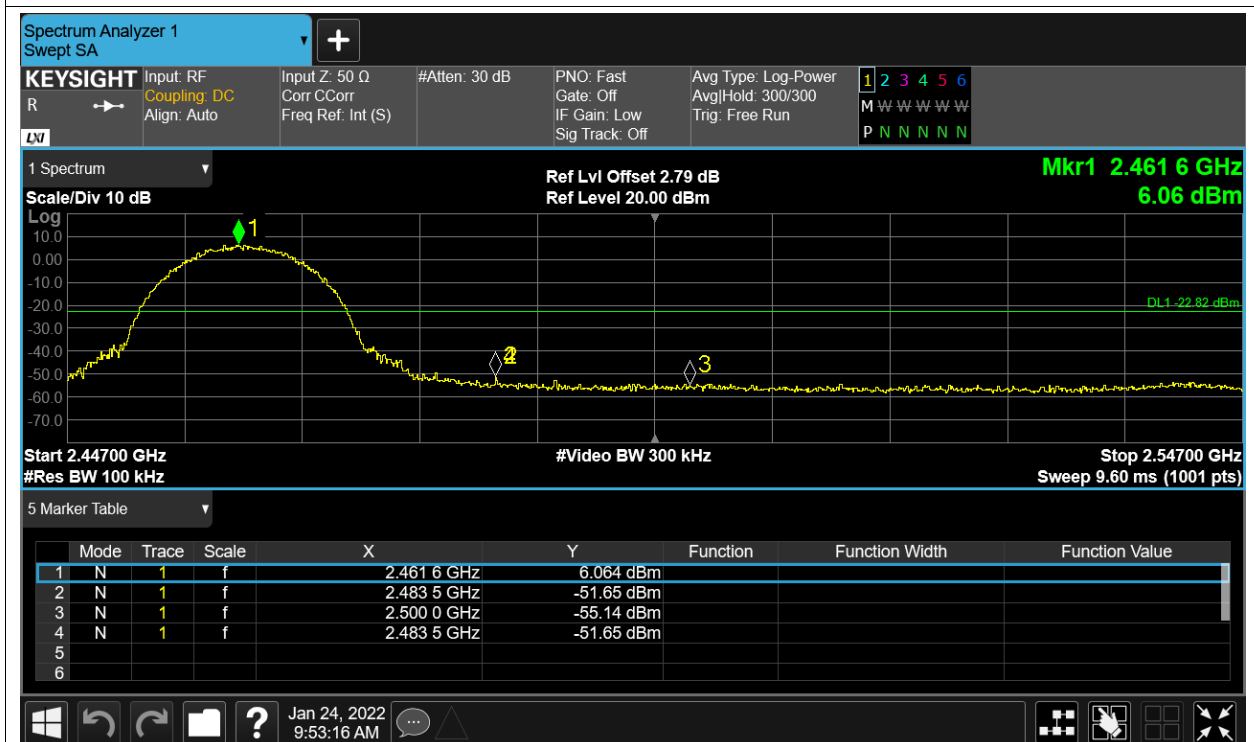
Band Edge NVNT b 2412MHz Ant1 Emission



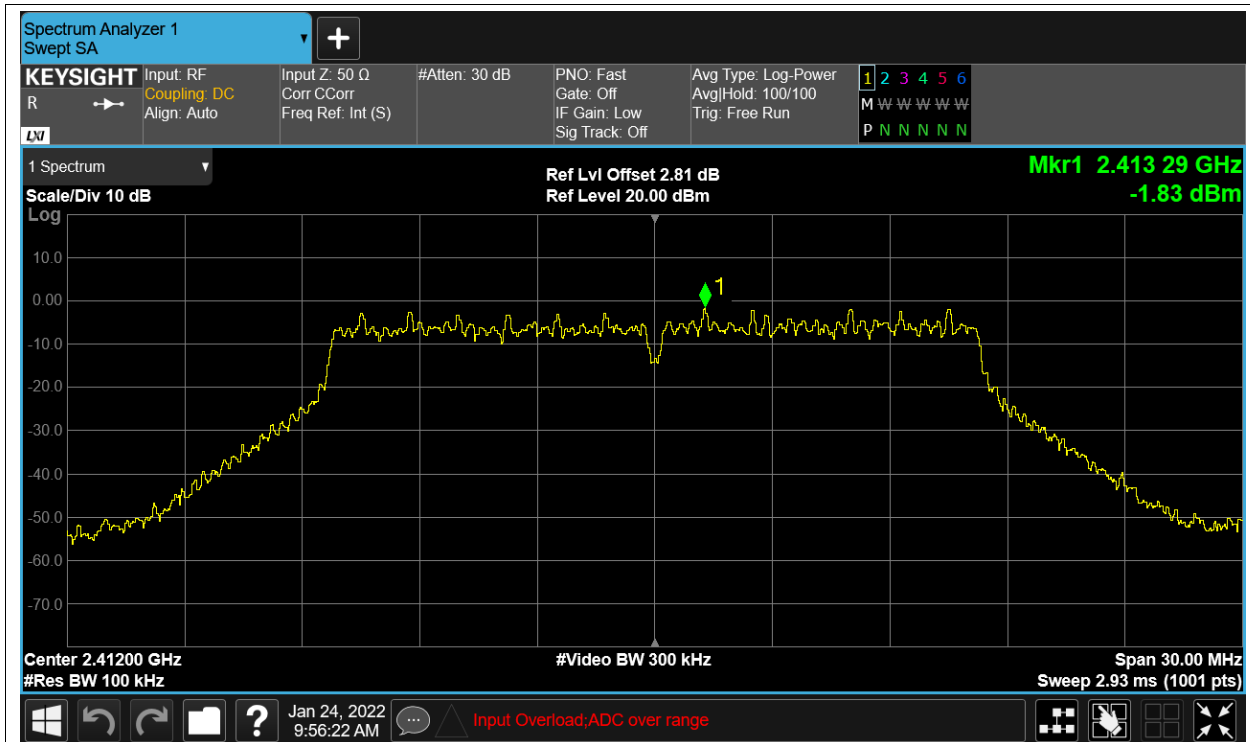
Band Edge NVNT b 2462MHz Ant1 Ref



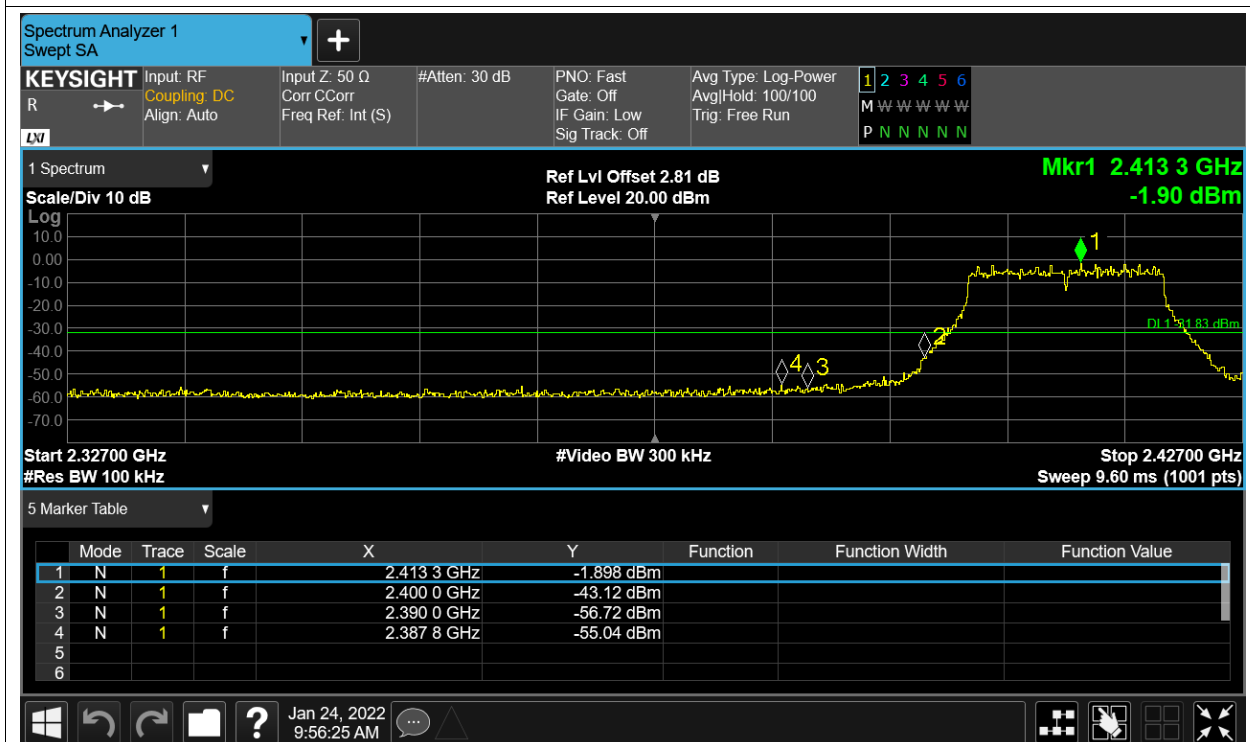
Band Edge NVNT b 2462MHz Ant1 Emission



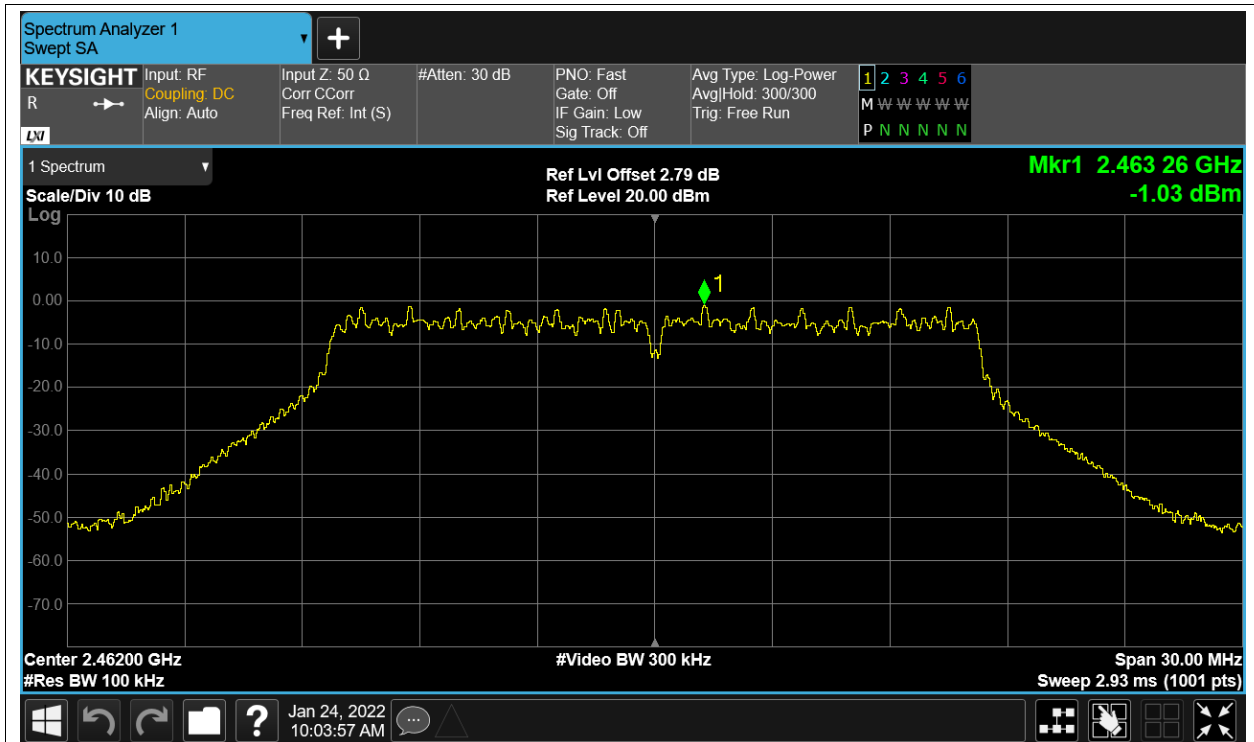
Band Edge NVNT g 2412MHz Ant1 Ref



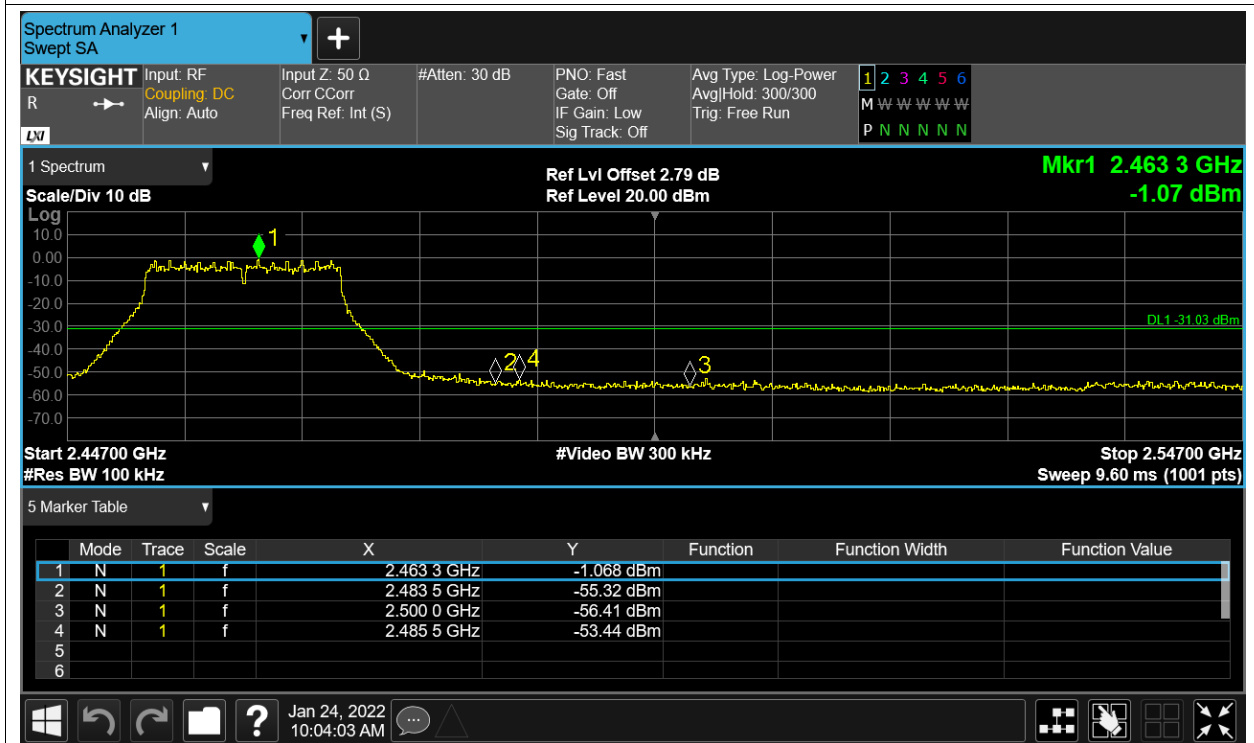
Band Edge NVNT g 2412MHz Ant1 Emission



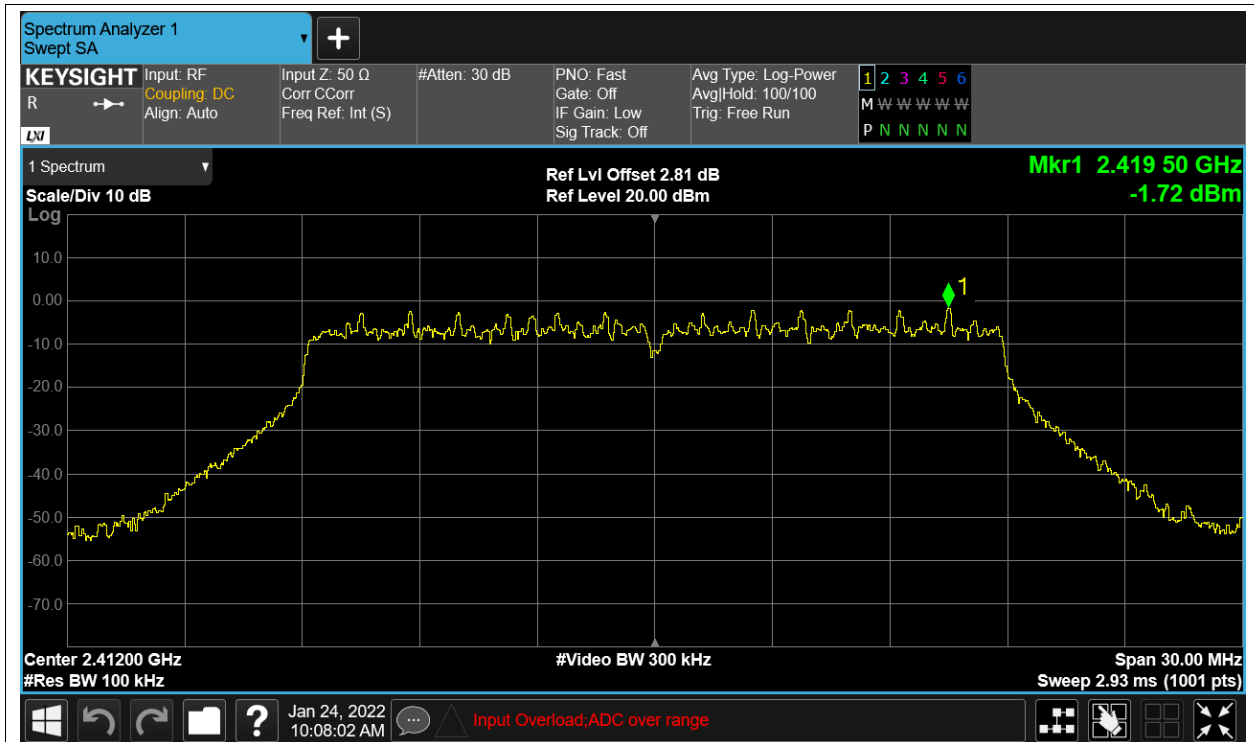
Band Edge NVNT g 2462MHz Ant1 Ref



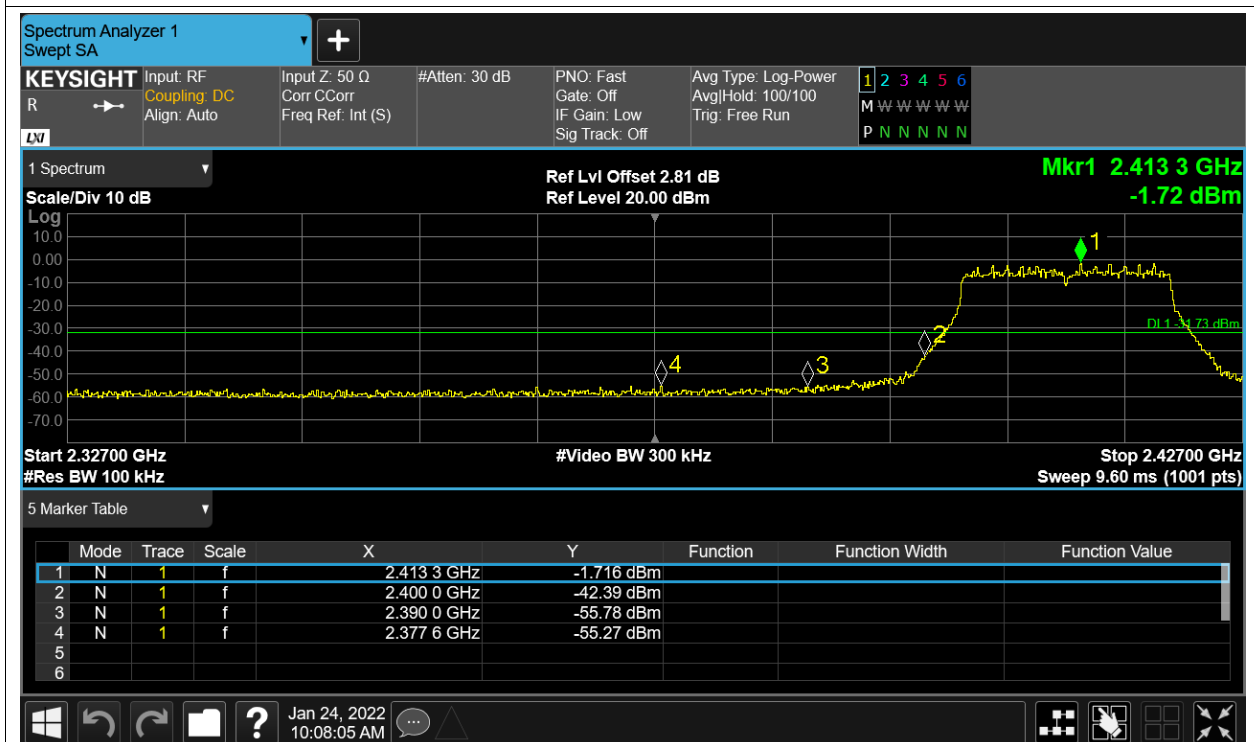
Band Edge NVNT g 2462MHz Ant1 Emission



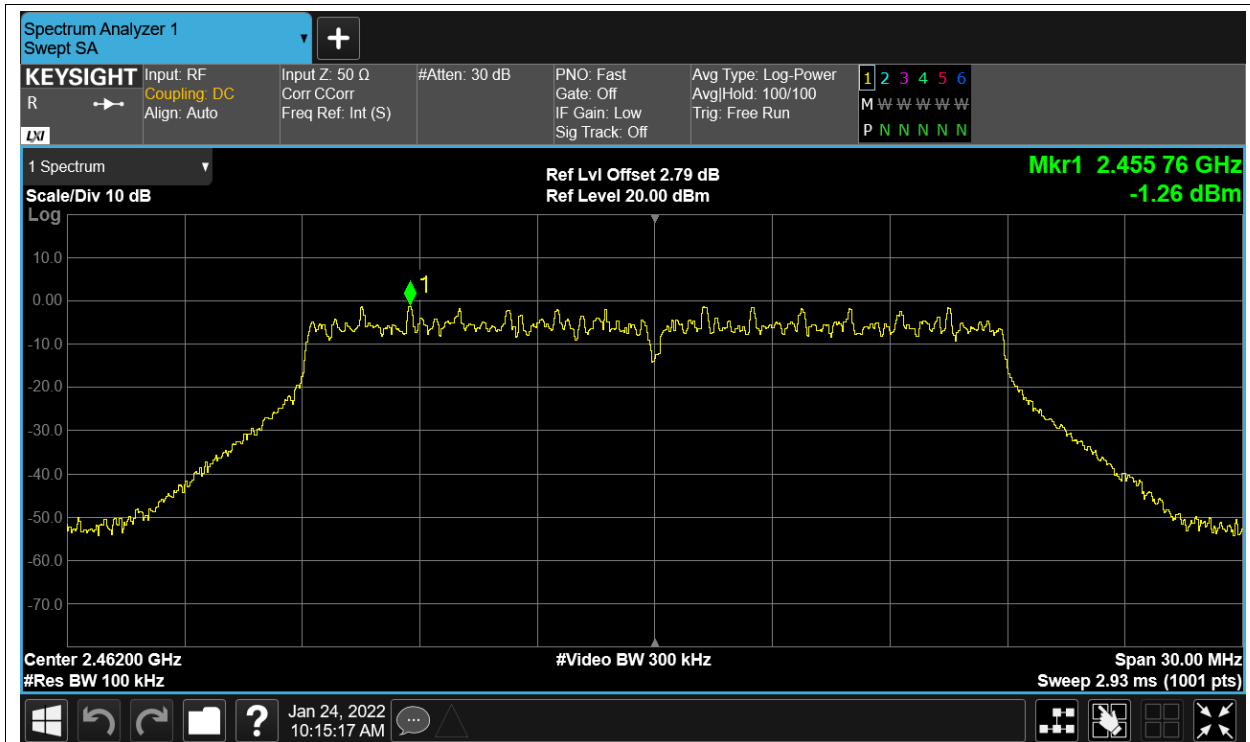
Band Edge NVNT n20 2412MHz Ant1 Ref



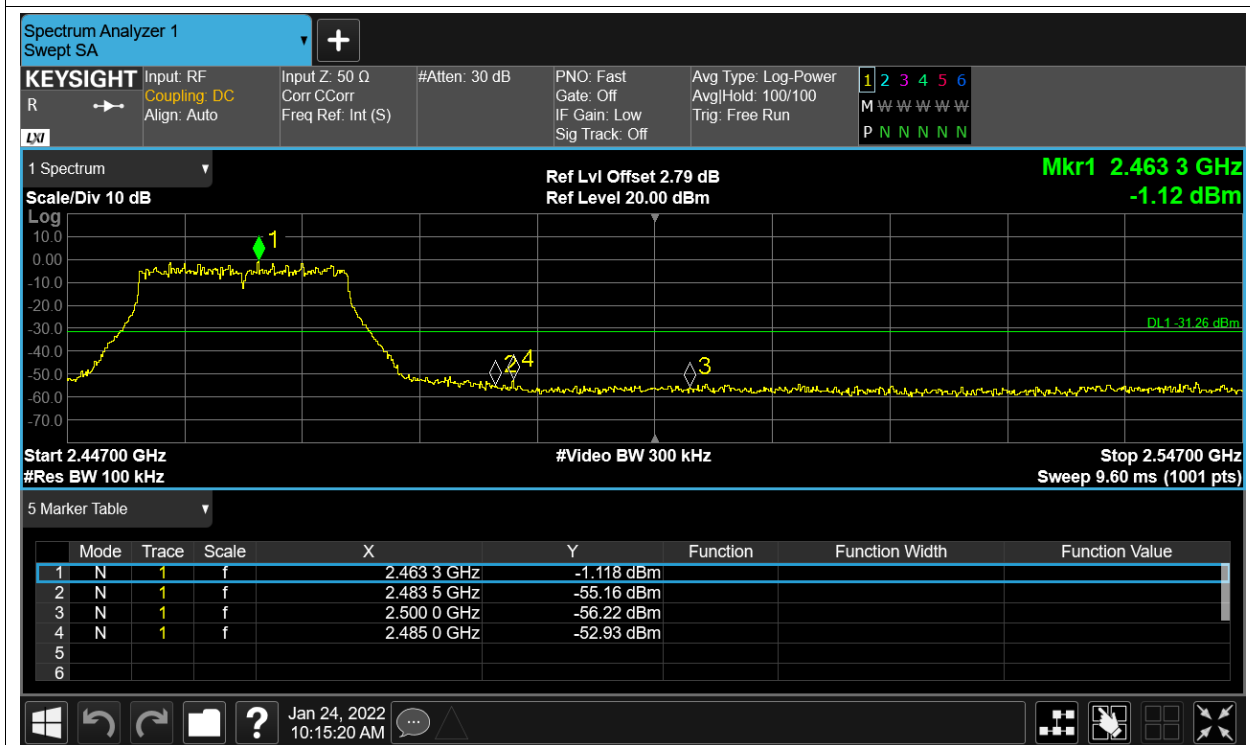
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission

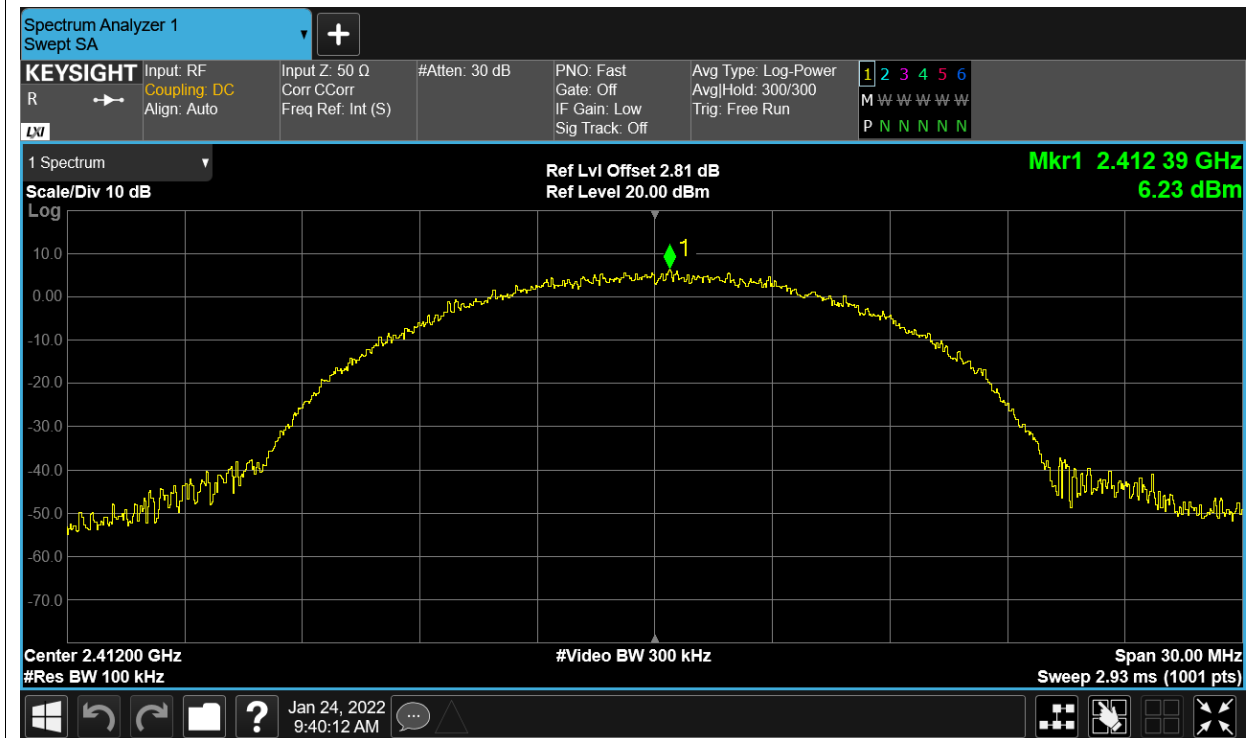


Conducted RF Spurious Emission

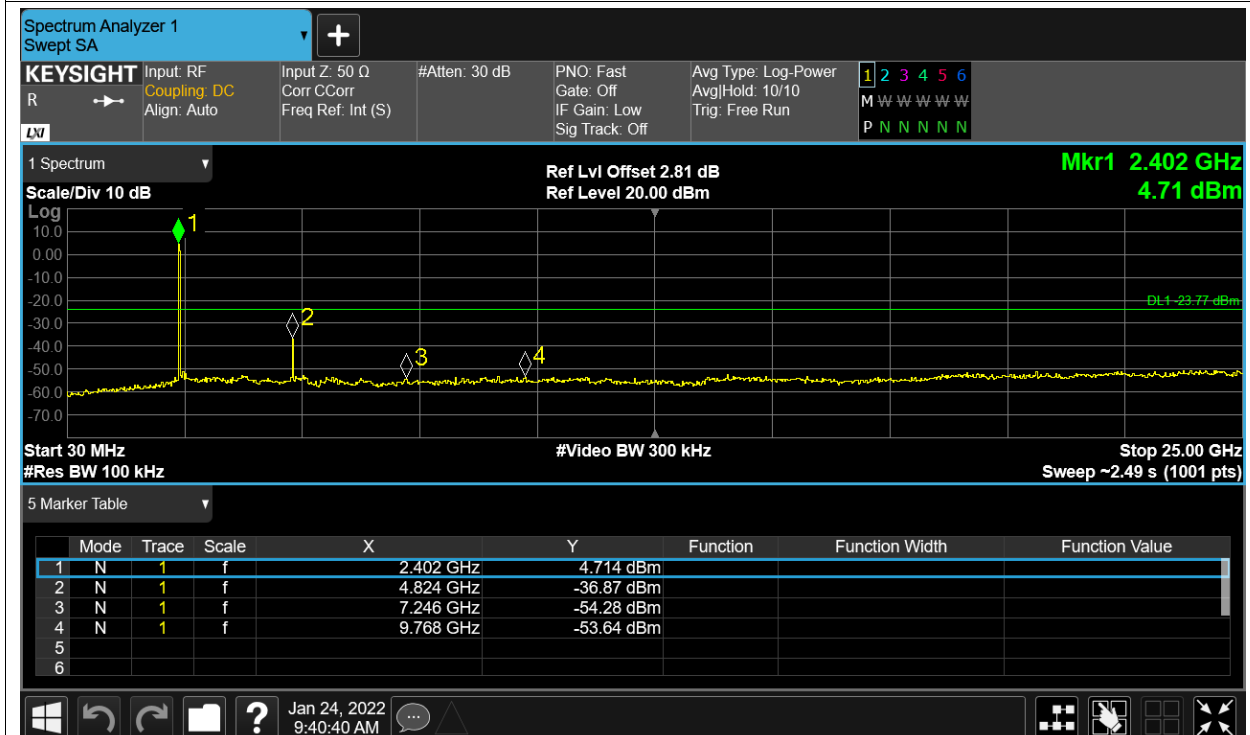
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.1	-30	Pass
NVNT	b	2437	Ant1	-45.16	-30	Pass
NVNT	b	2462	Ant1	-37.18	-30	Pass
NVNT	g	2412	Ant1	-38.41	-30	Pass
NVNT	g	2437	Ant1	-41.85	-30	Pass
NVNT	g	2462	Ant1	-44.8	-30	Pass
NVNT	n20	2412	Ant1	-43.79	-30	Pass
NVNT	n20	2437	Ant1	-44.22	-30	Pass
NVNT	n20	2462	Ant1	-38.97	-30	Pass

Test Graphs

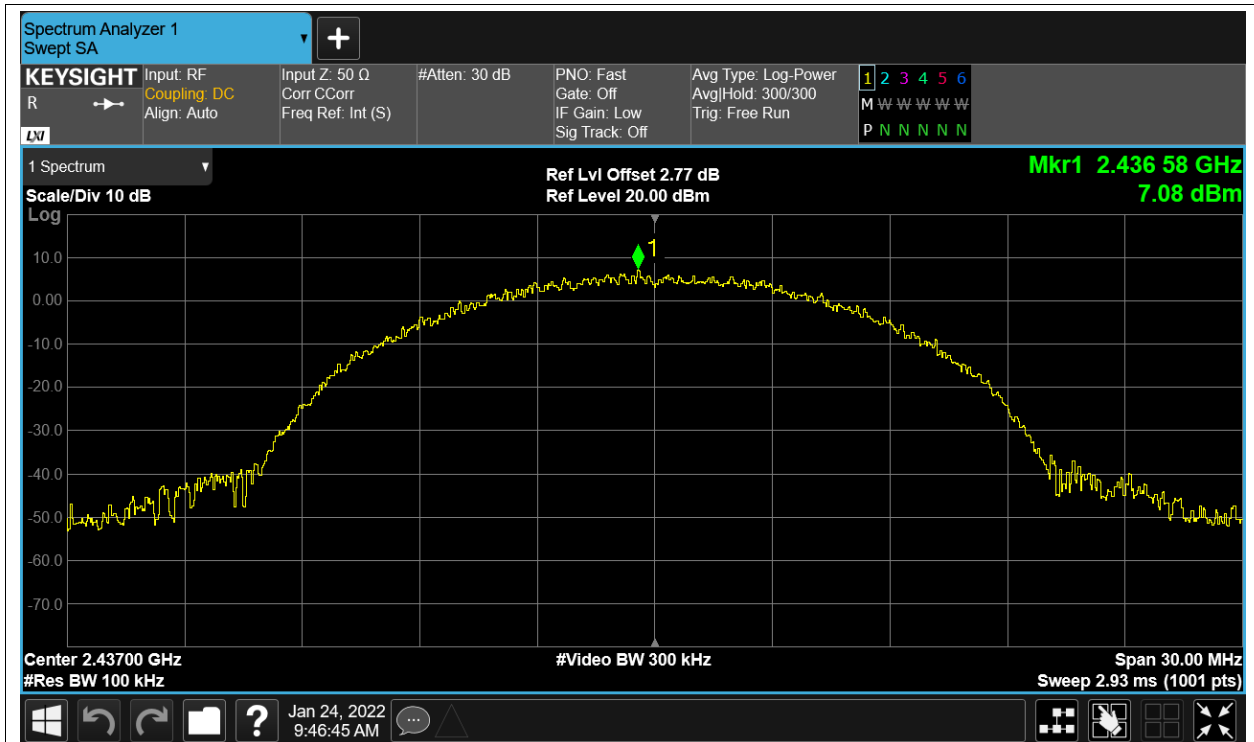
Tx. Spurious NVNT b 2412MHz Ant1 Ref



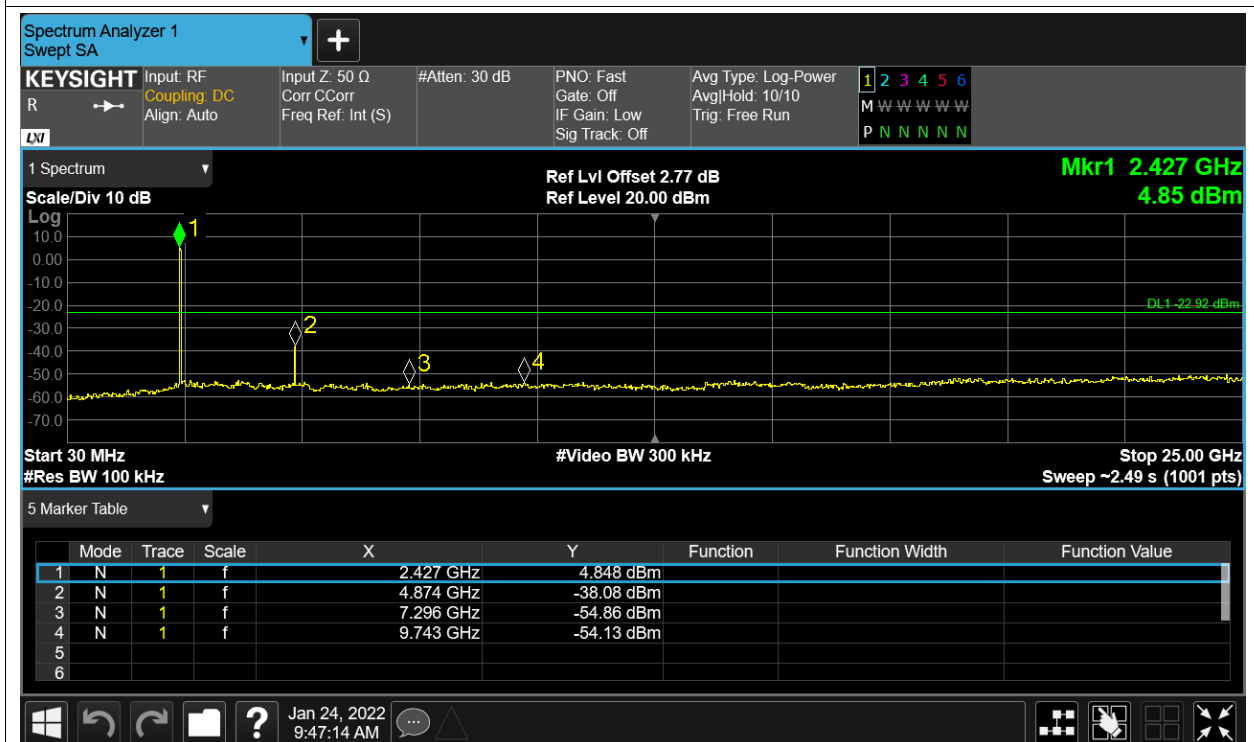
Tx. Spurious NVNT b 2412MHz Ant1 Emission



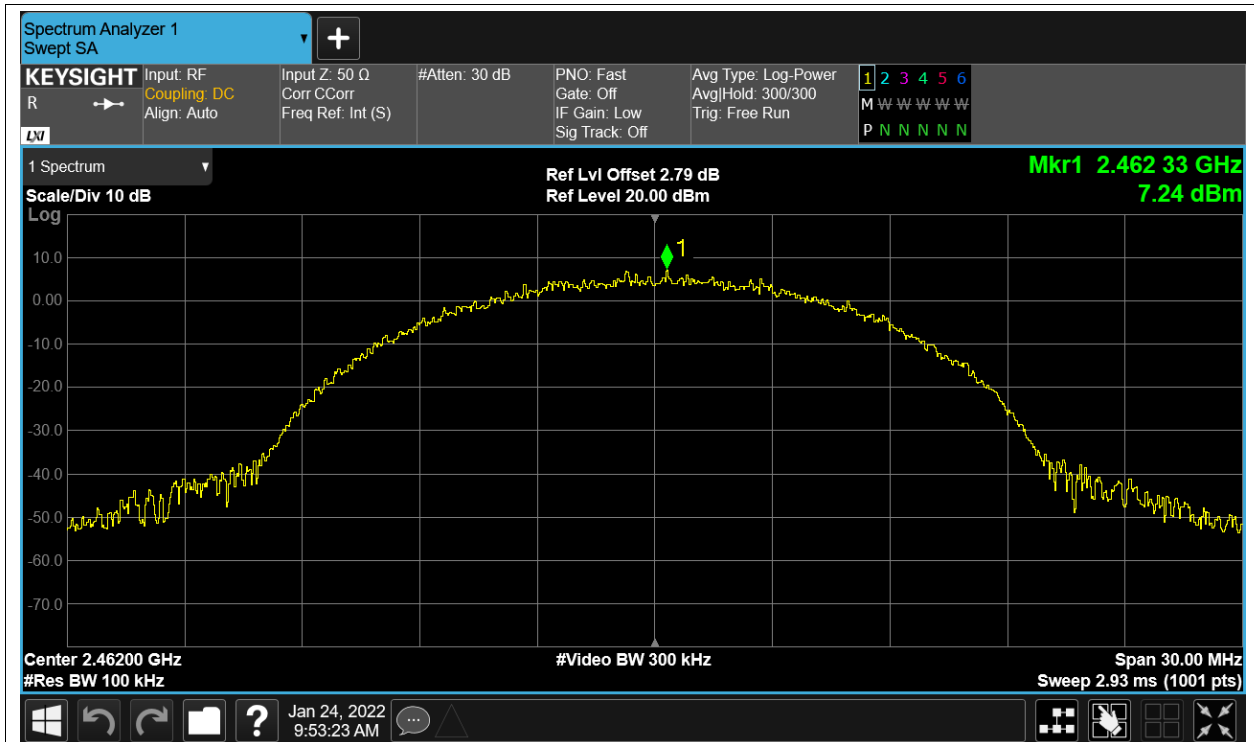
Tx. Spurious NVNT b 2437MHz Ant1 Ref



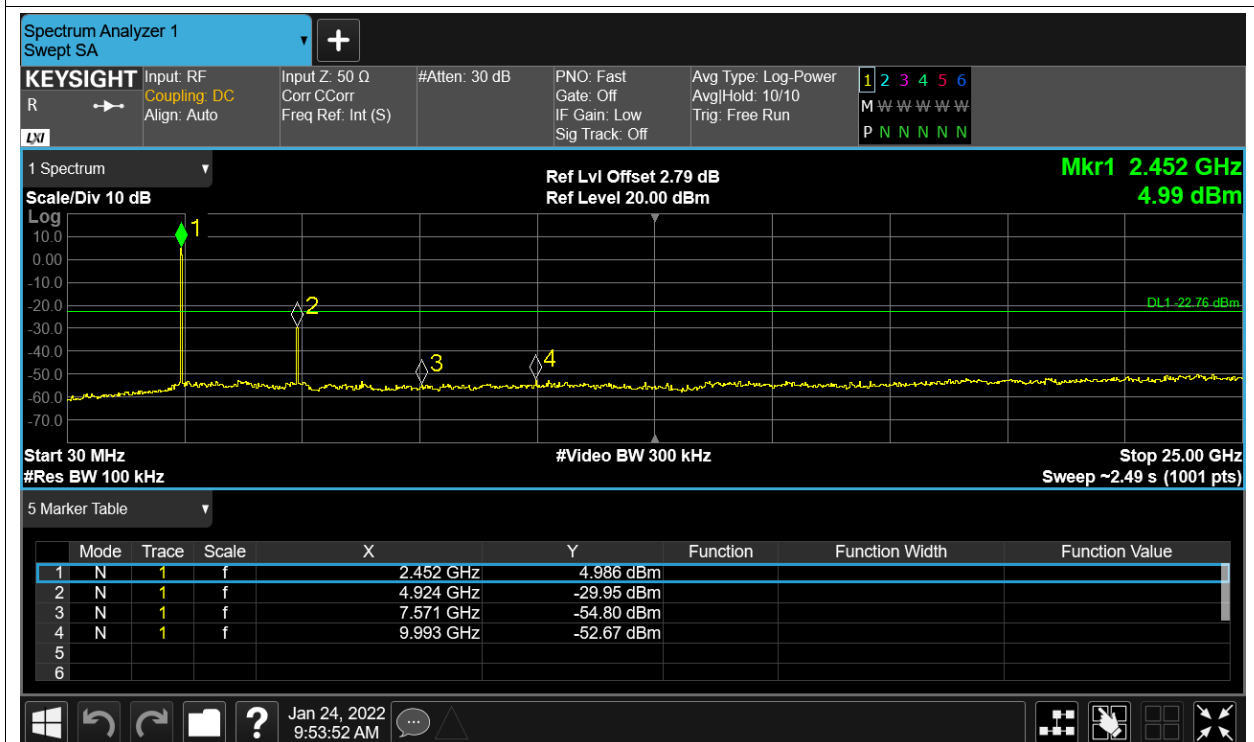
Tx. Spurious NVNT b 2437MHz Ant1 Emission



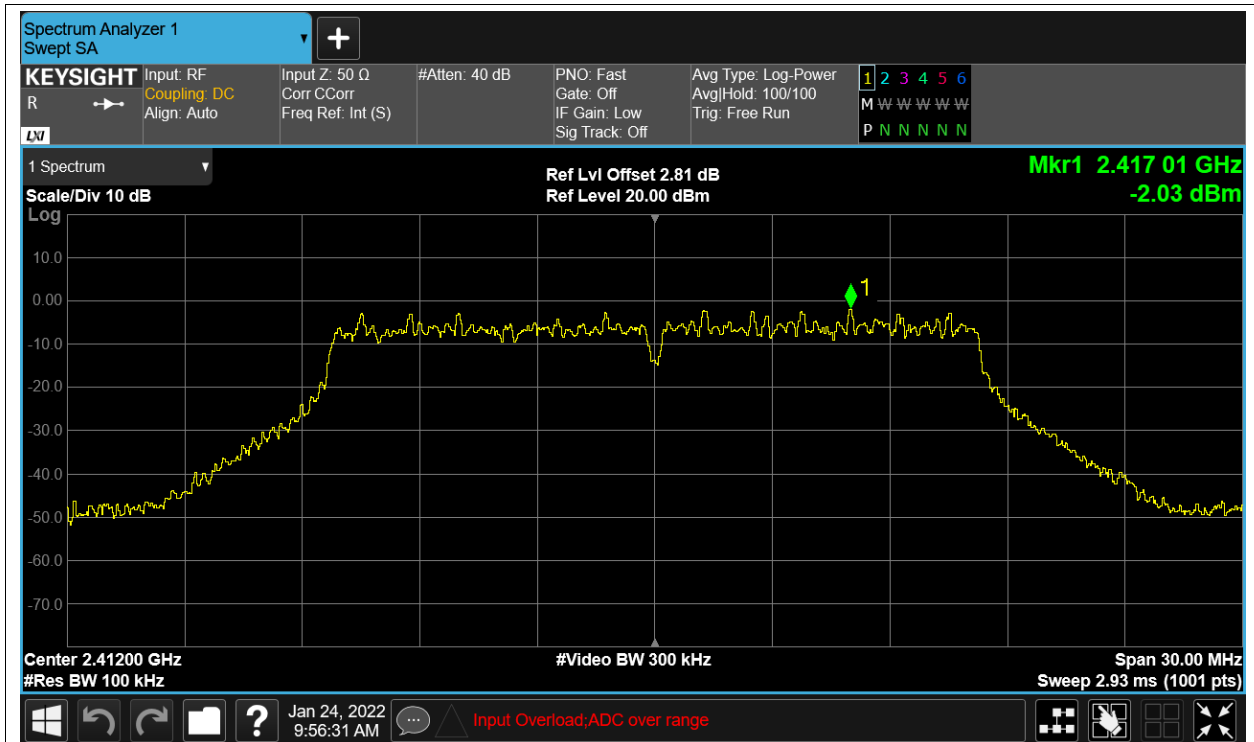
Tx. Spurious NVNT b 2462MHz Ant1 Ref



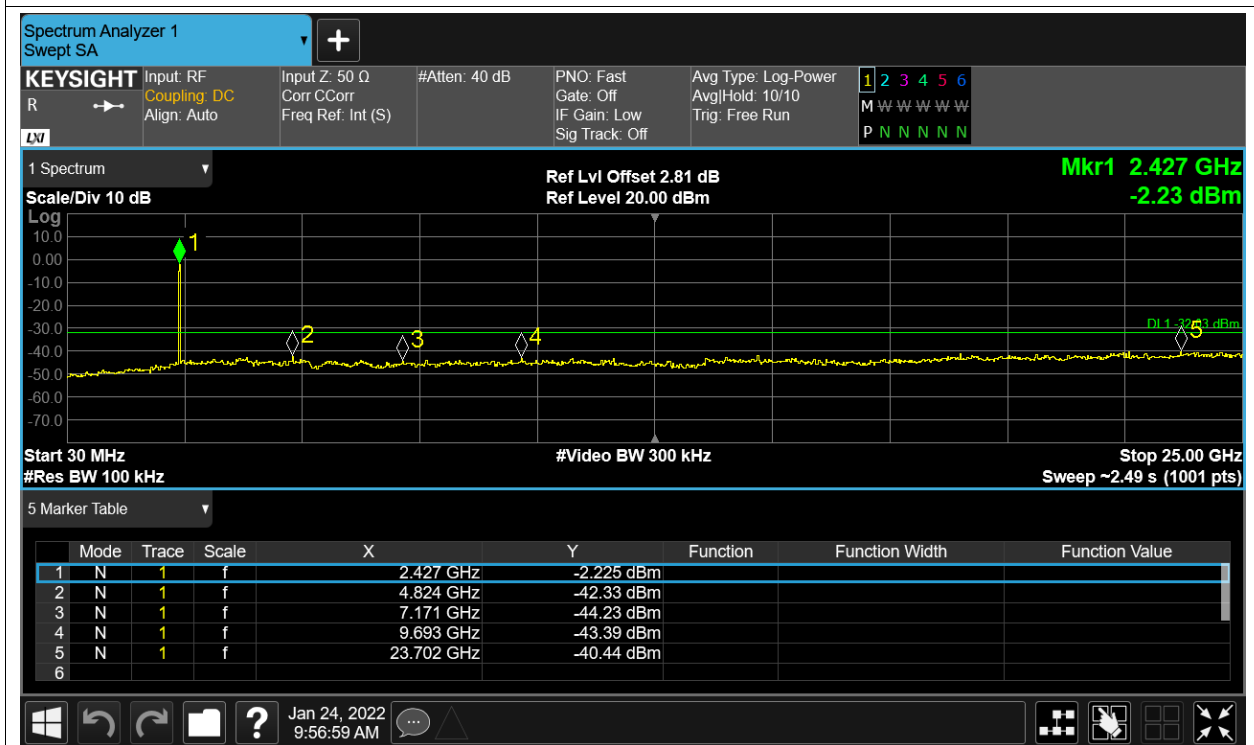
Tx. Spurious NVNT b 2462MHz Ant1 Emission



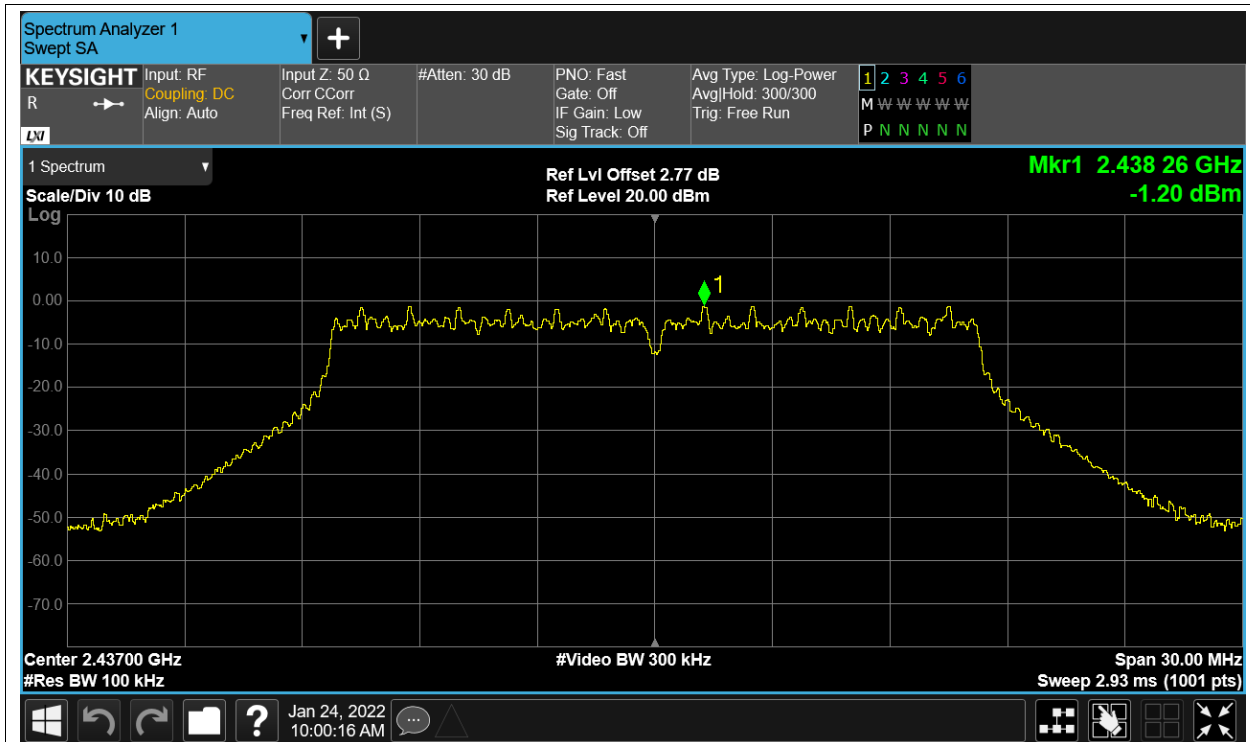
Tx. Spurious NVNT g 2412MHz Ant1 Ref



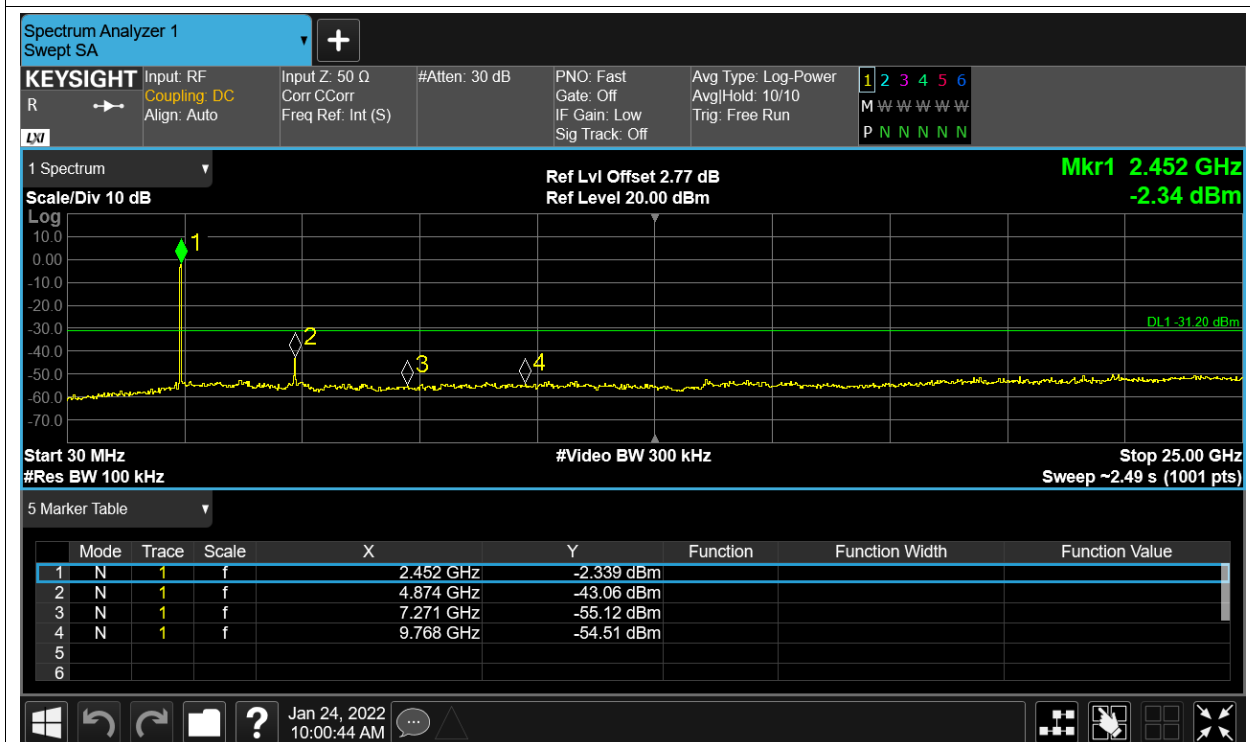
Tx. Spurious NVNT g 2412MHz Ant1 Emission



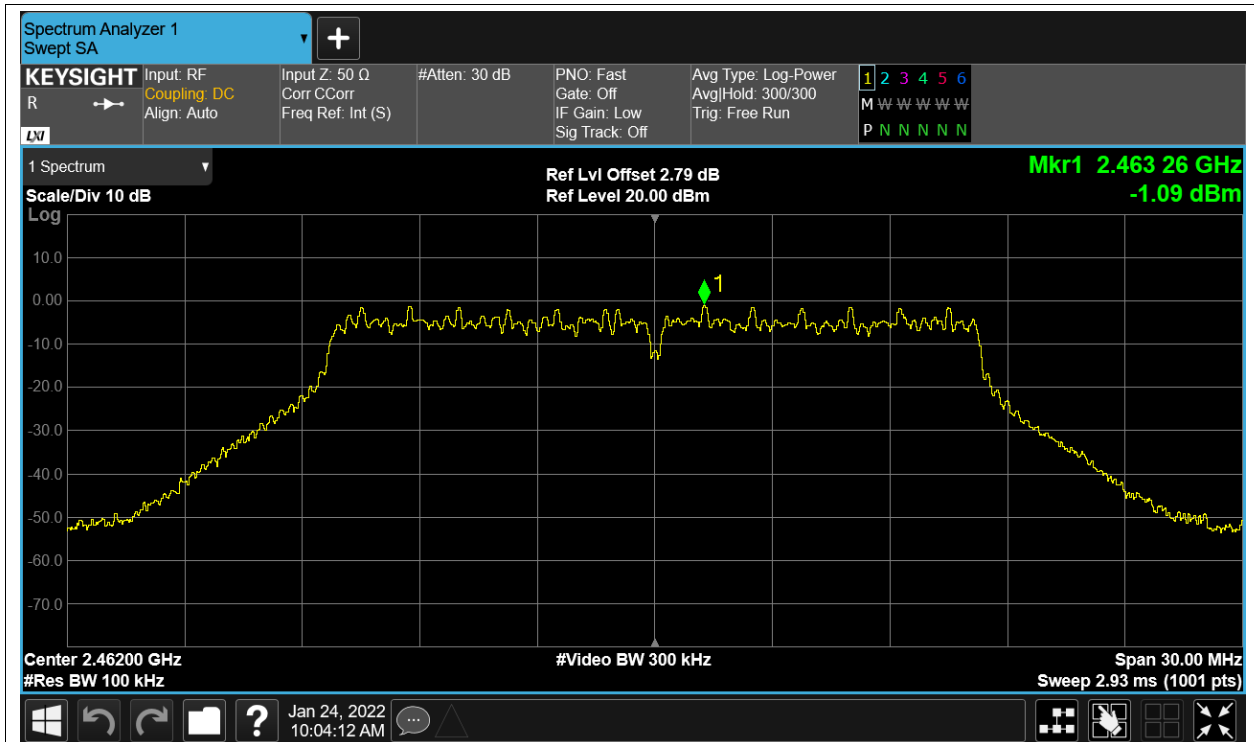
Tx. Spurious NVNT g 2437MHz Ant1 Ref



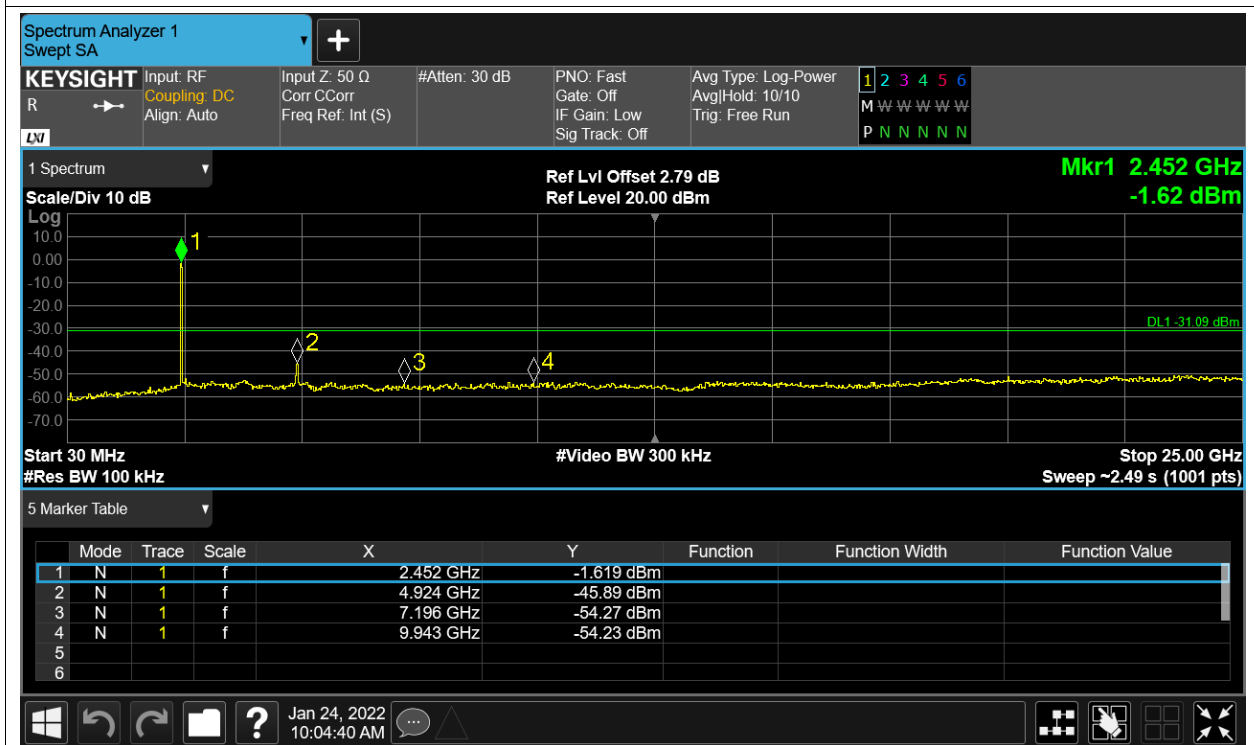
Tx. Spurious NVNT g 2437MHz Ant1 Emission



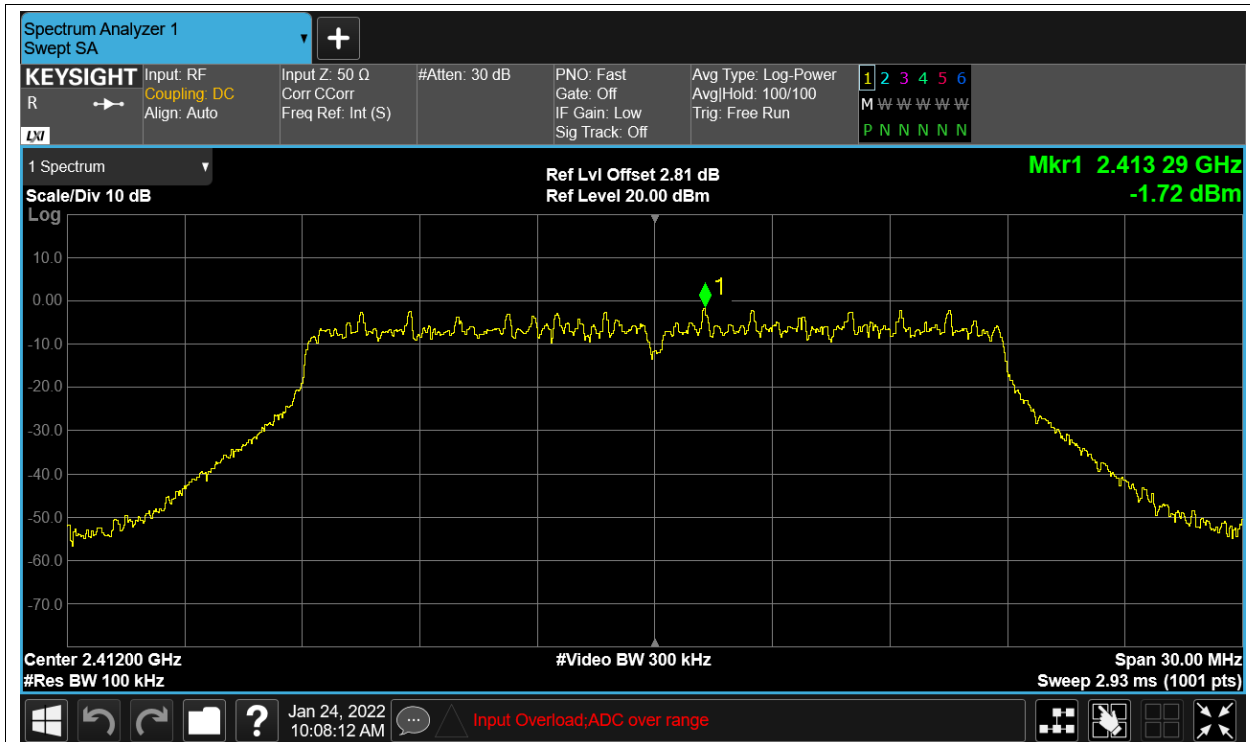
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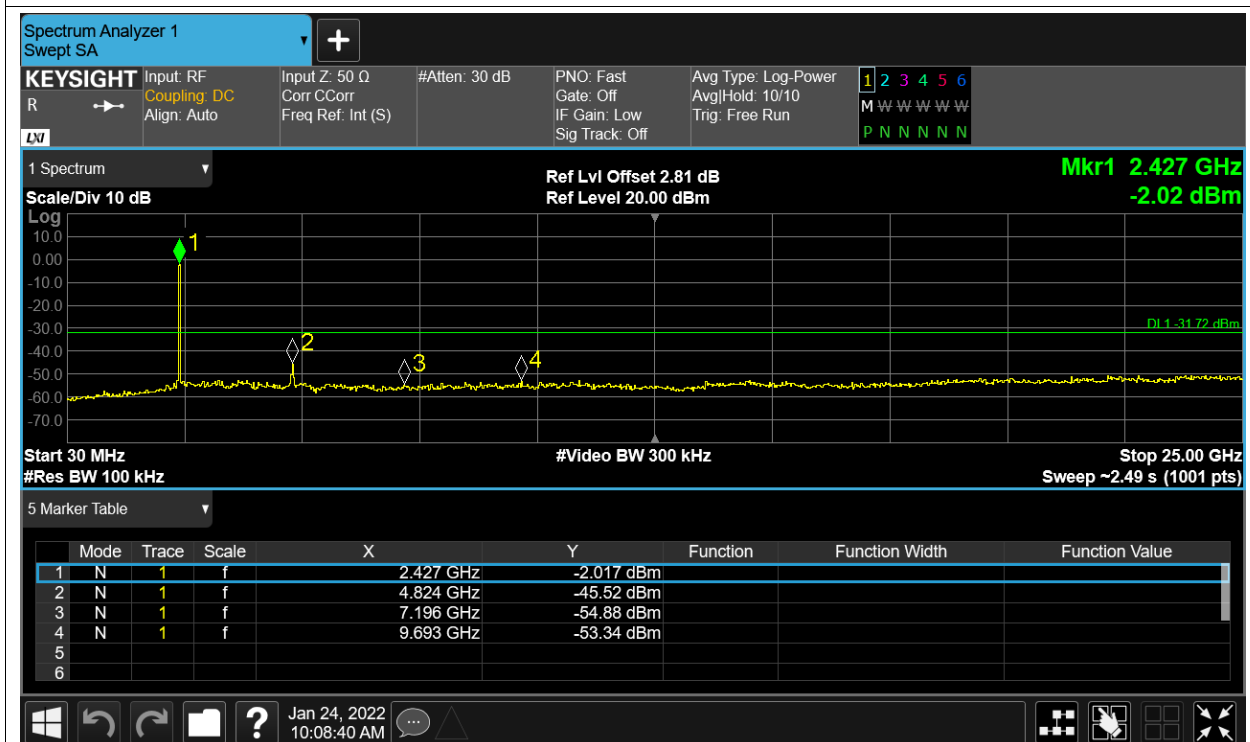
Tx. Spurious NVNT g 2462MHz Ant1 Emission



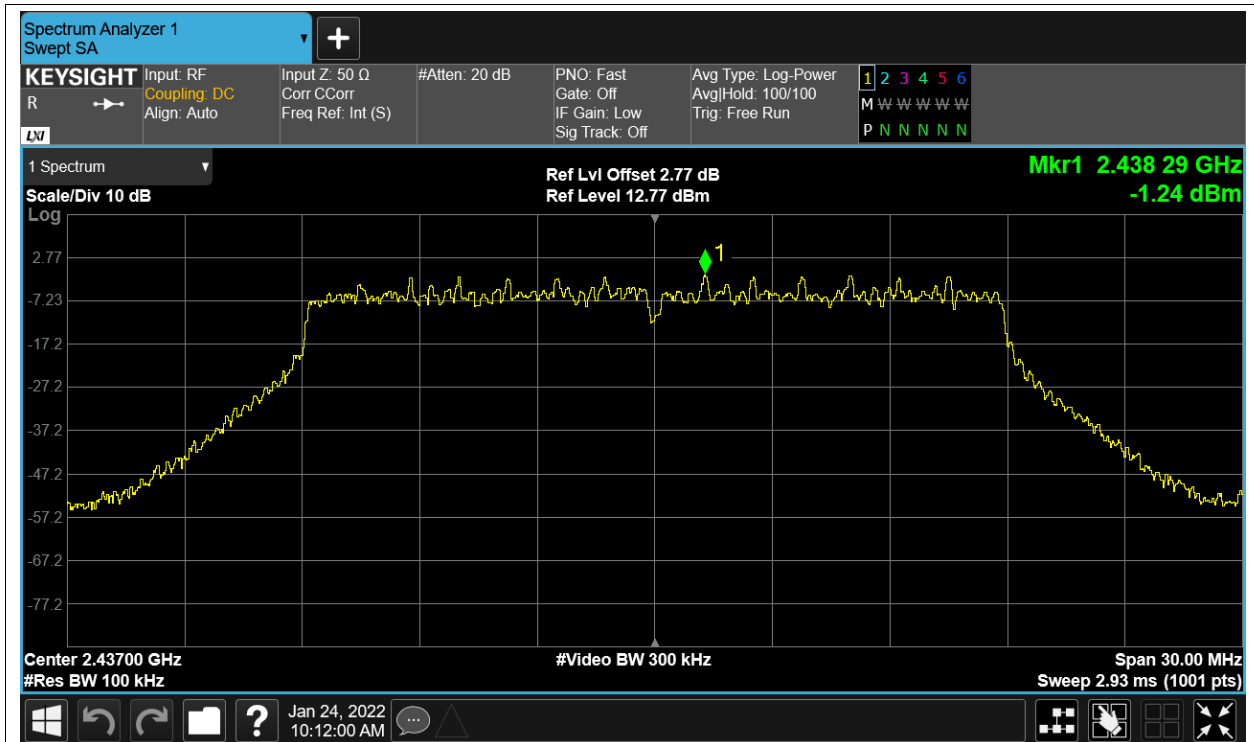
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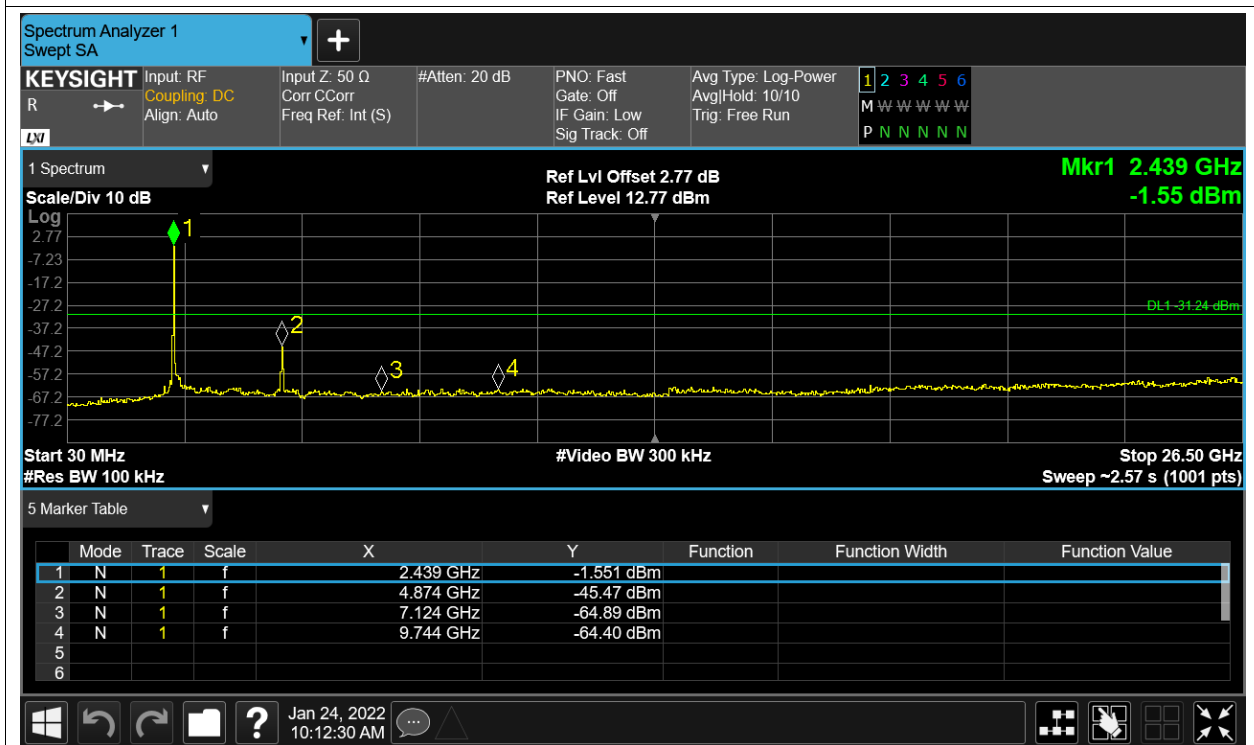
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



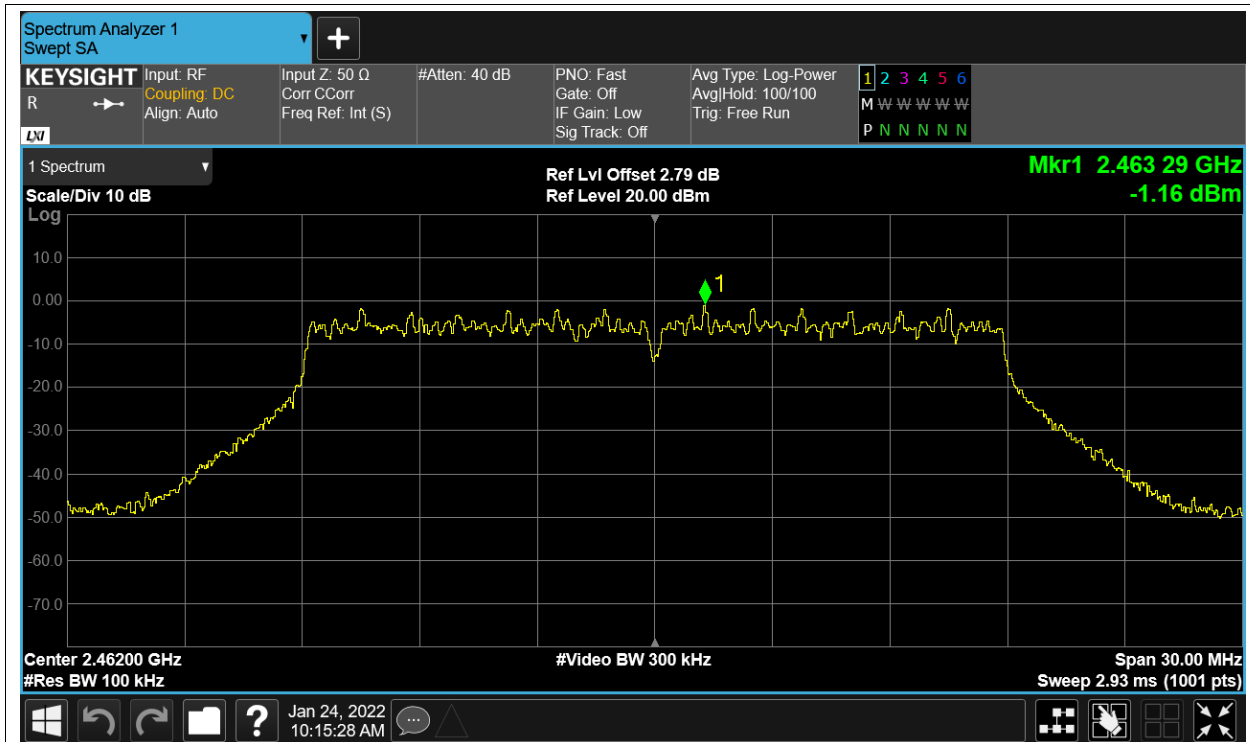
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission

