

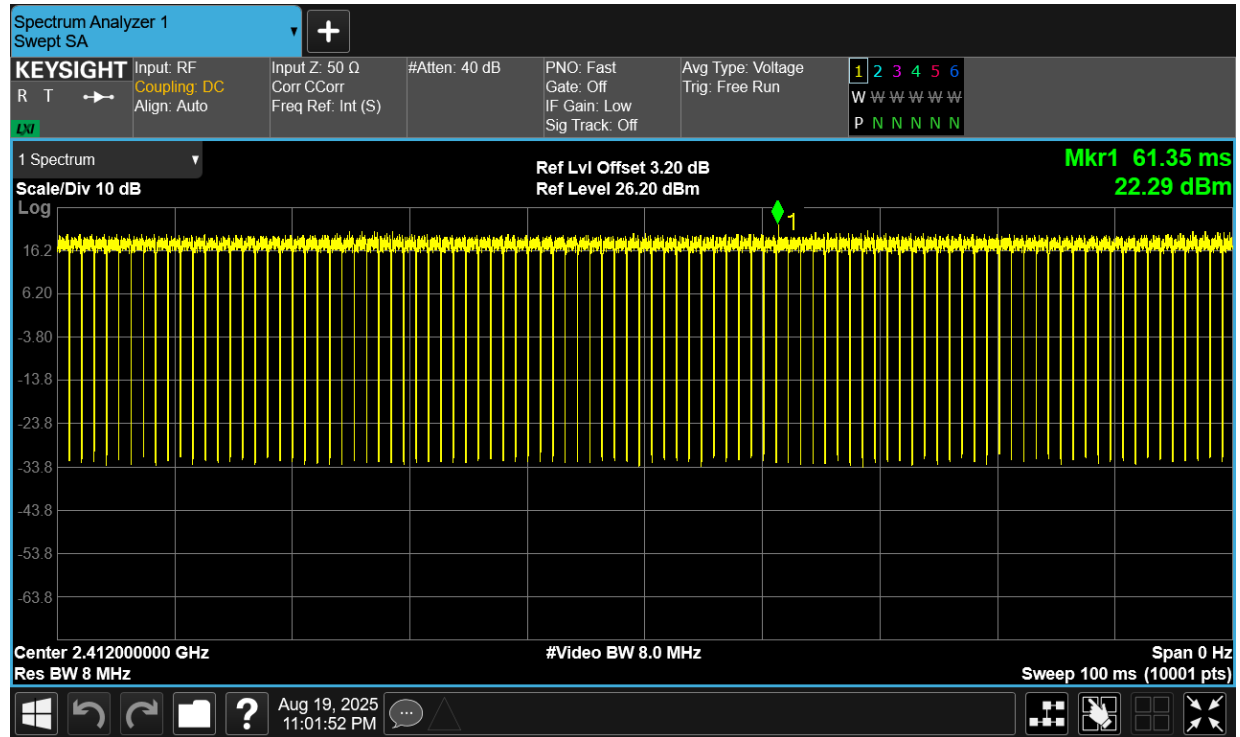
Test Data

Duty Cycle

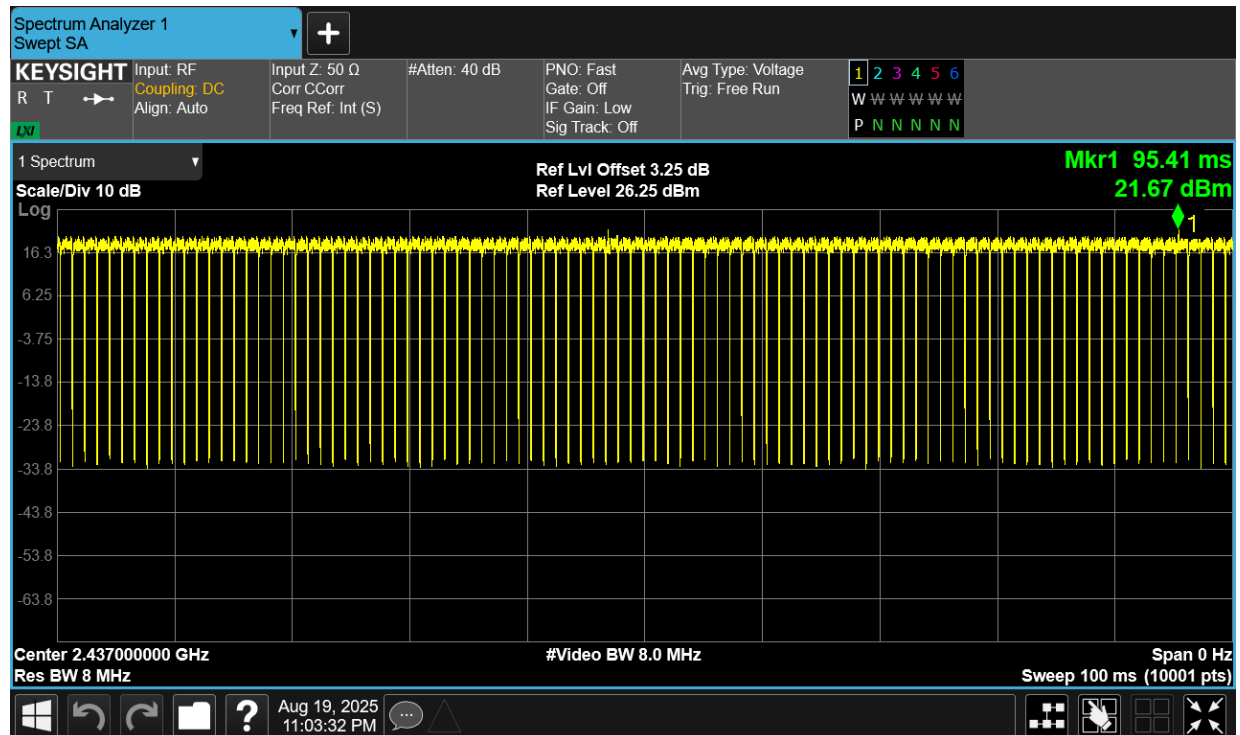
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant1	93.89	0.27
NVNT	ax20	2437	Ant1	93.98	0.27
NVNT	ax20	2462	Ant1	93.83	0.28
NVNT	b	2412	Ant1	92.4	0.34
NVNT	b	2437	Ant1	92.94	0.32
NVNT	b	2462	Ant1	92.94	0.32
NVNT	g	2412	Ant1	93.35	0.3
NVNT	g	2437	Ant1	93.35	0.3
NVNT	g	2462	Ant1	93.35	0.3
NVNT	n20	2412	Ant1	92.93	0.32
NVNT	n20	2437	Ant1	92.4	0.34
NVNT	n20	2462	Ant1	92.4	0.34

Test Graphs

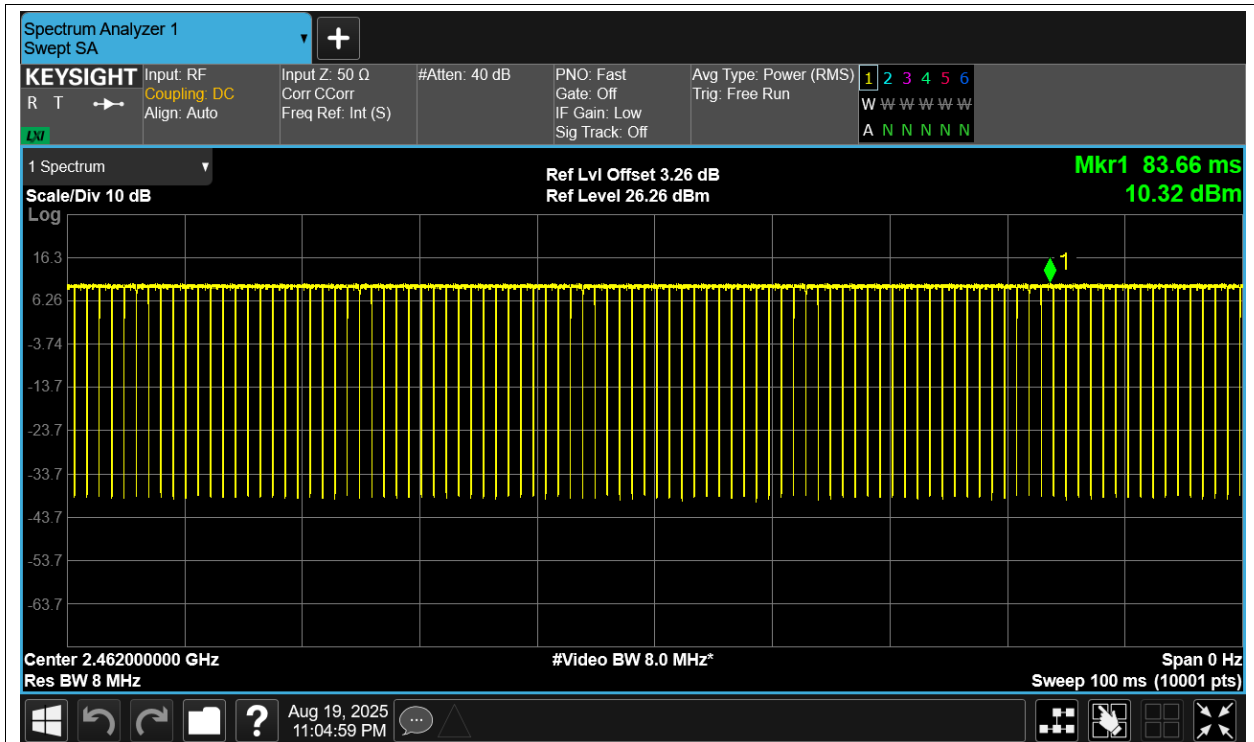
Duty Cycle NVNT ax20 2412MHz Ant1



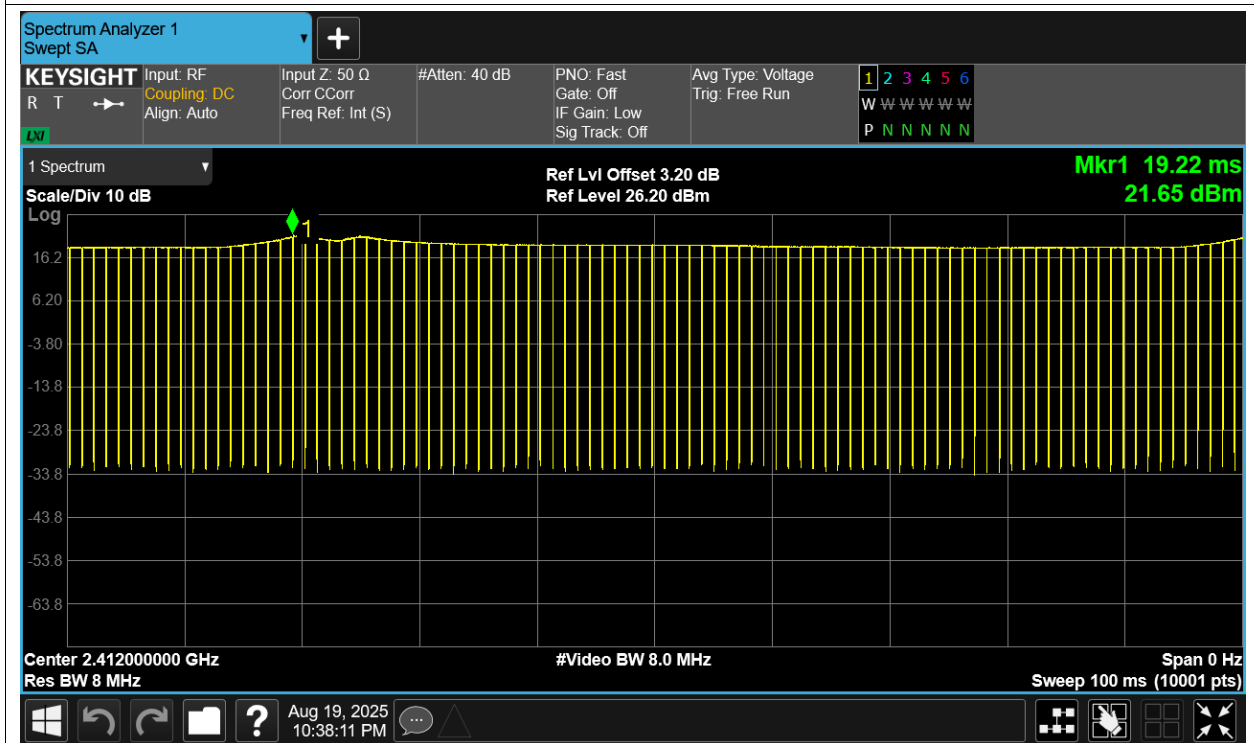
Duty Cycle NVNT ax20 2437MHz Ant1



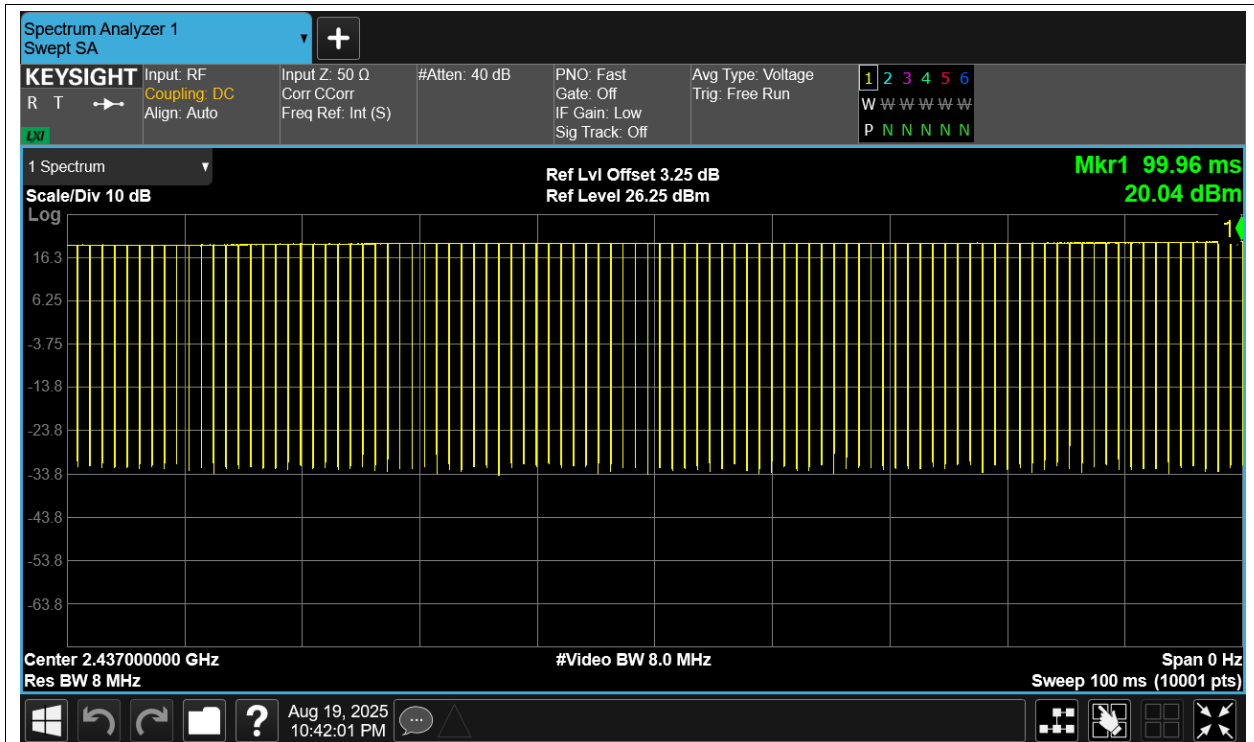
Duty Cycle NVNT ax20 2462MHz Ant1



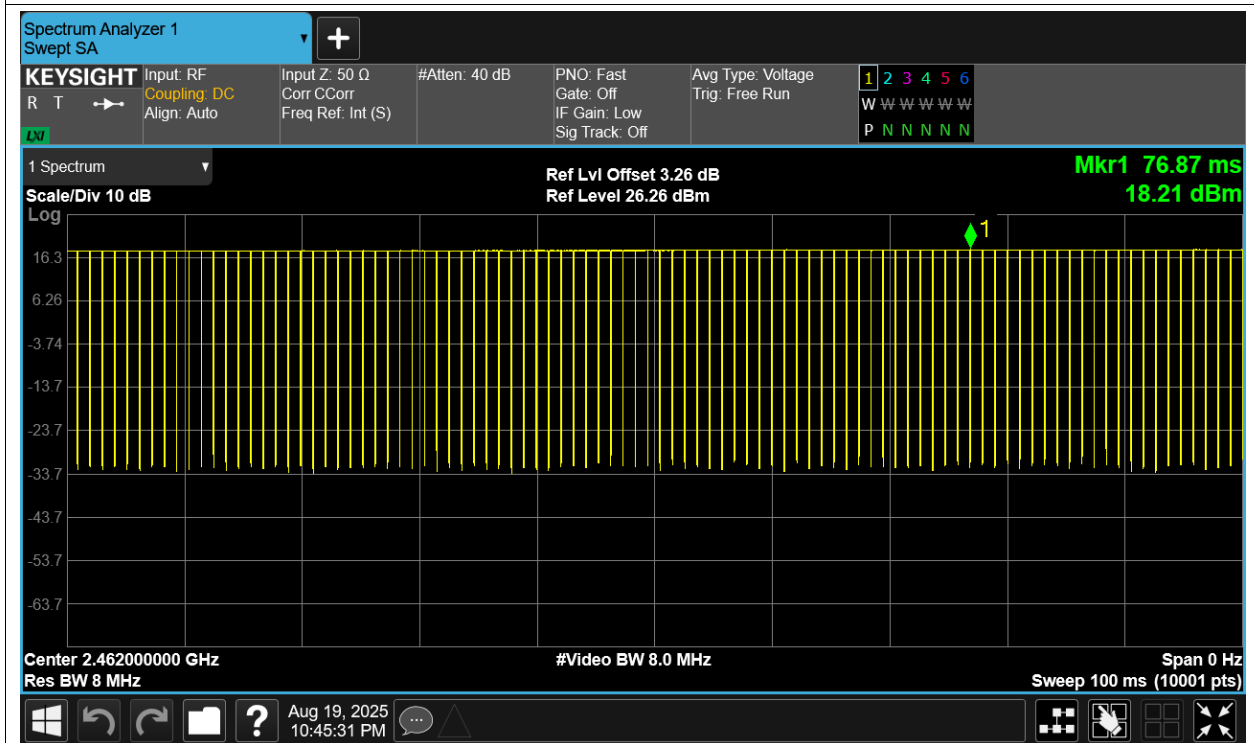
Duty Cycle NVNT b 2412MHz Ant1



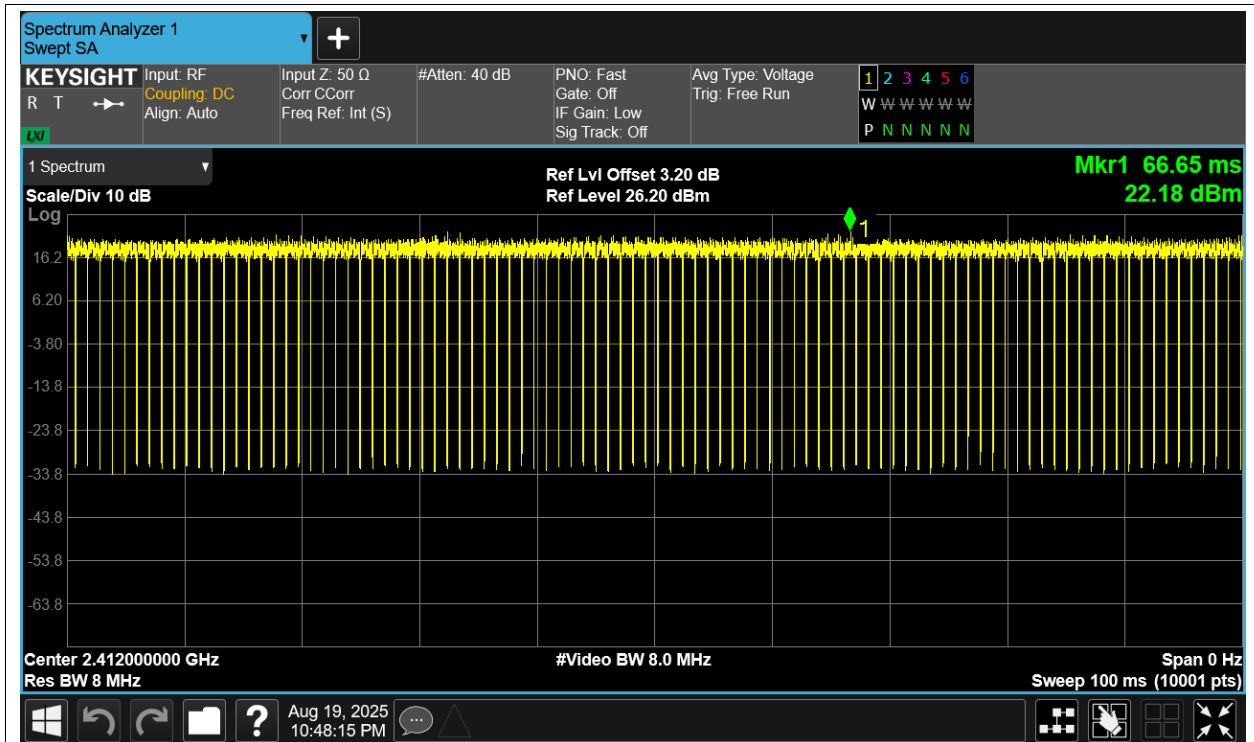
Duty Cycle NVNT b 2437MHz Ant1



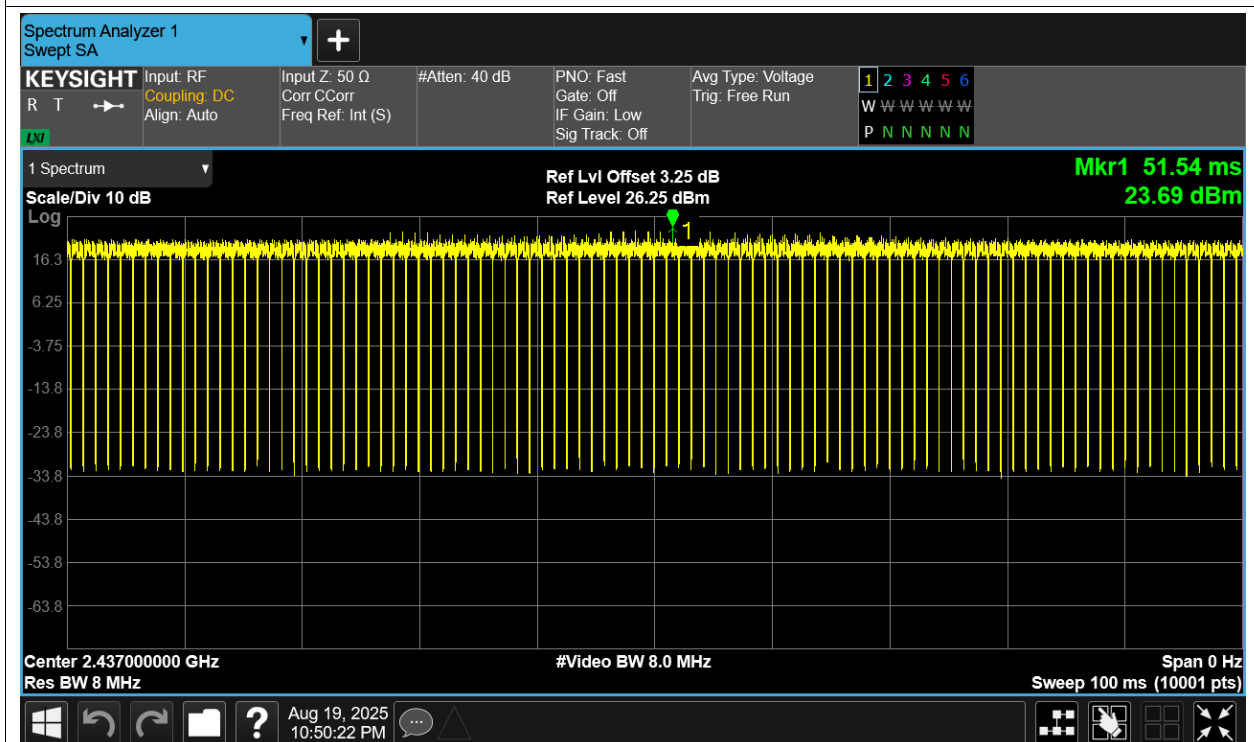
Duty Cycle NVNT b 2462MHz Ant1



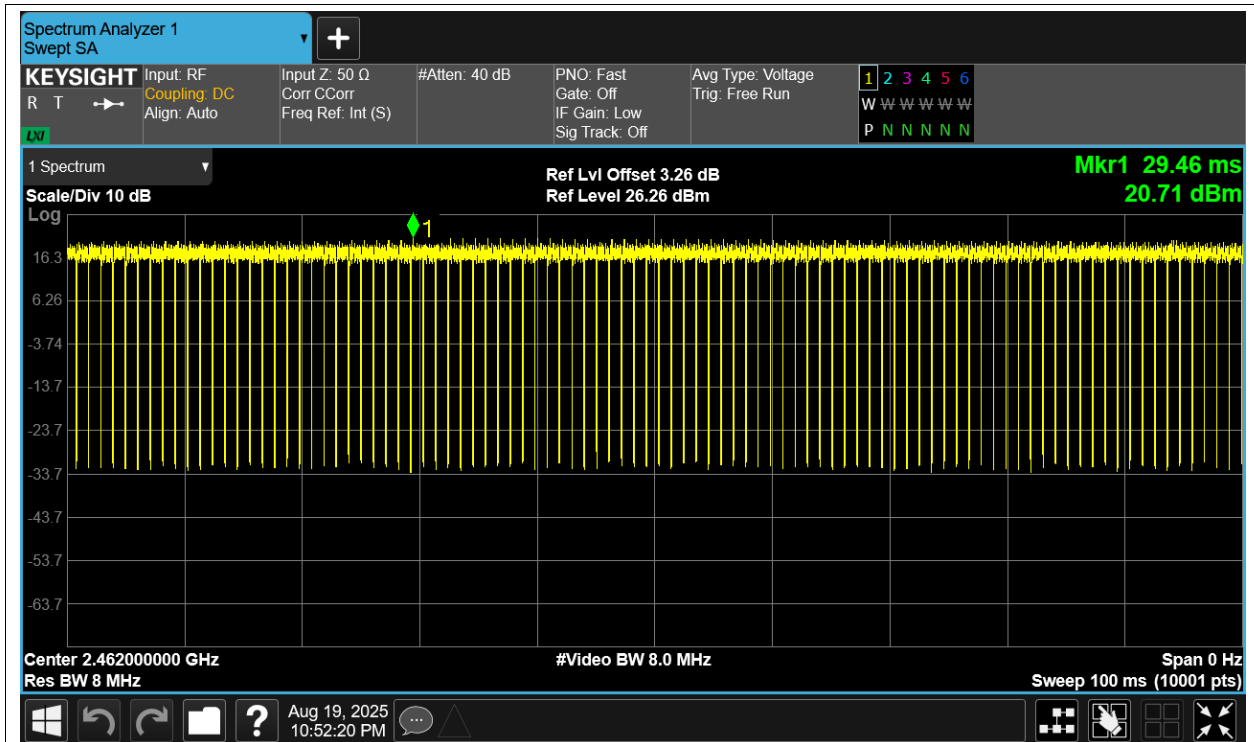
Duty Cycle NVNT g 2412MHz Ant1



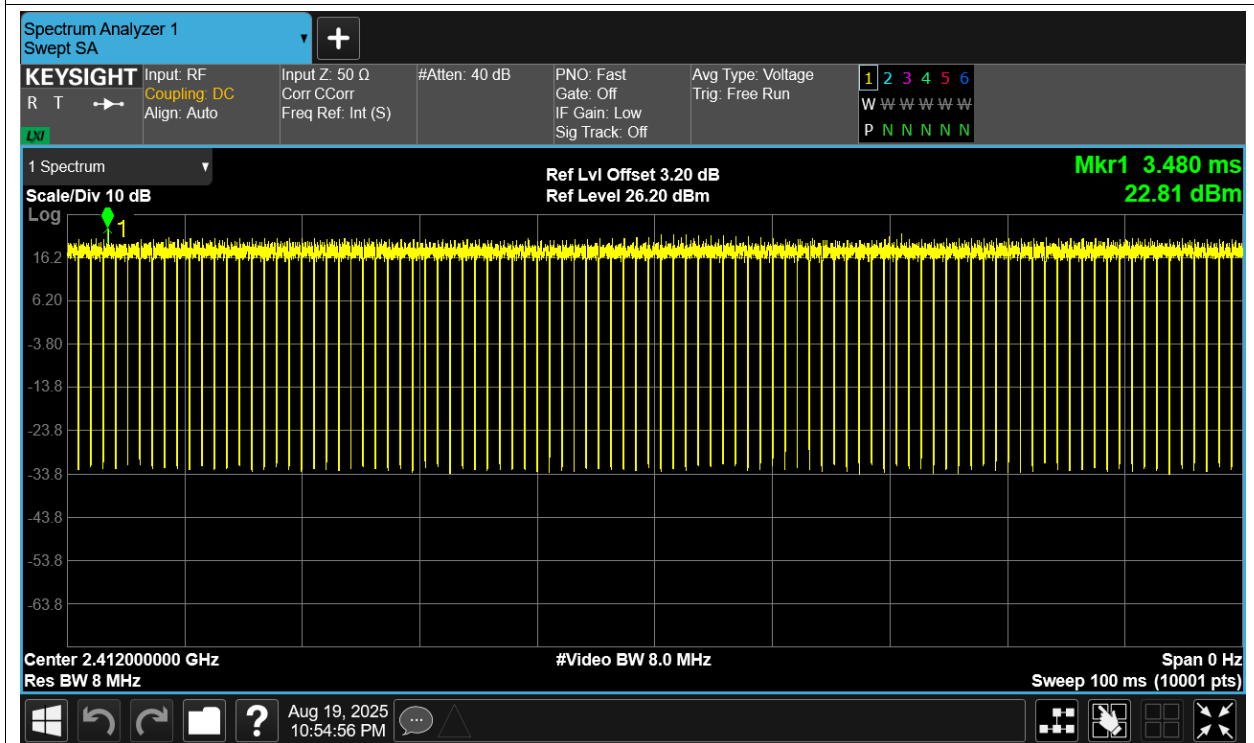
Duty Cycle NVNT g 2437MHz Ant1



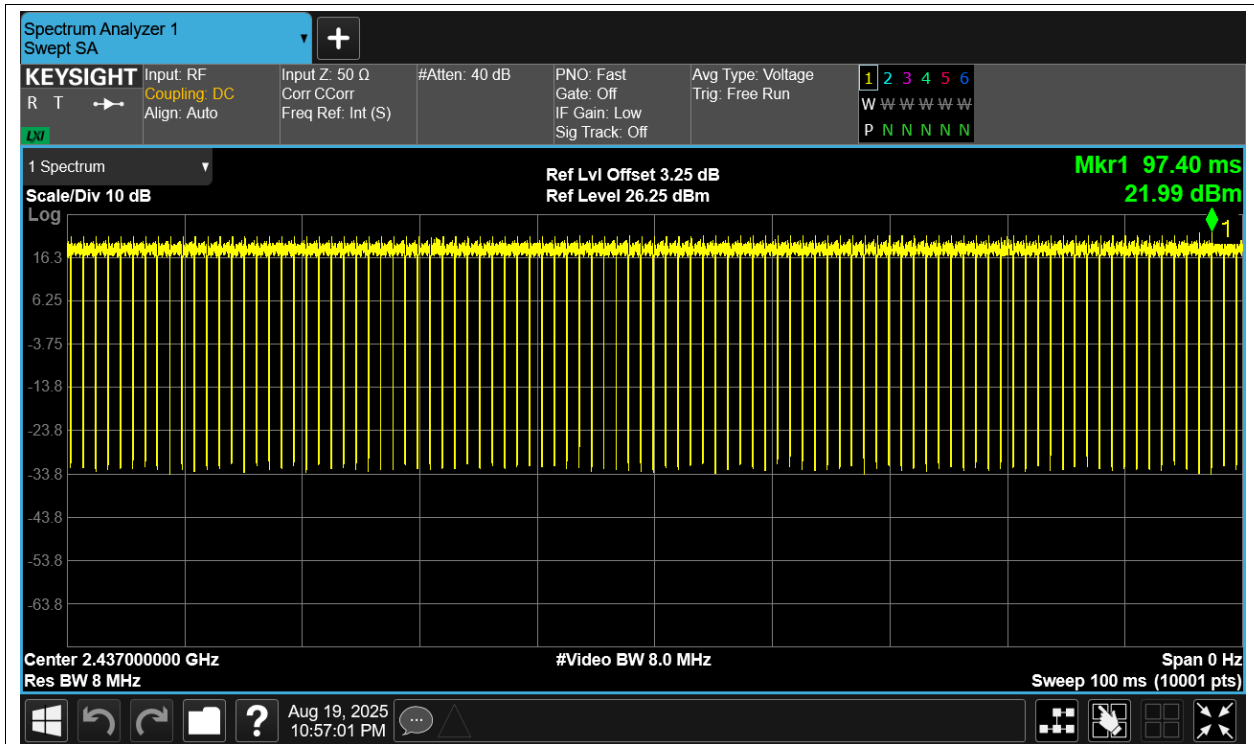
Duty Cycle NVNT g 2462MHz Ant1



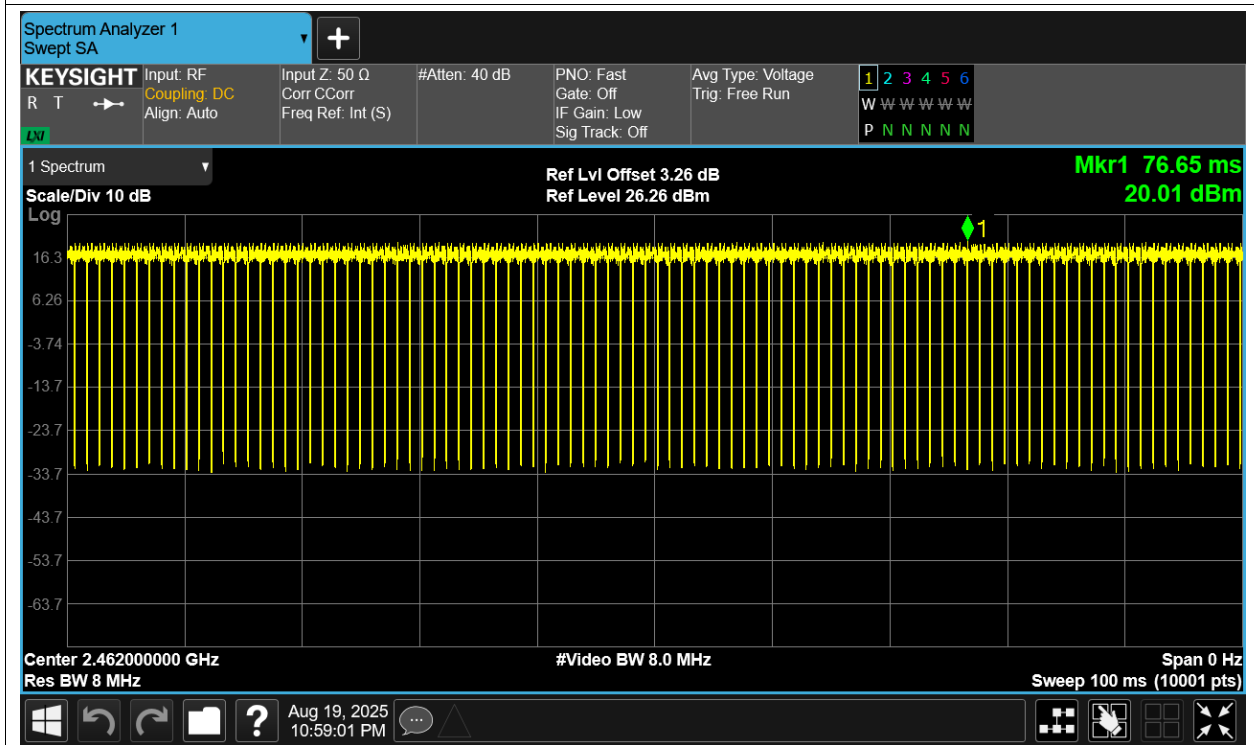
Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



Duty Cycle NVNT n20 2462MHz Ant1



Maximum Conducted Output Power

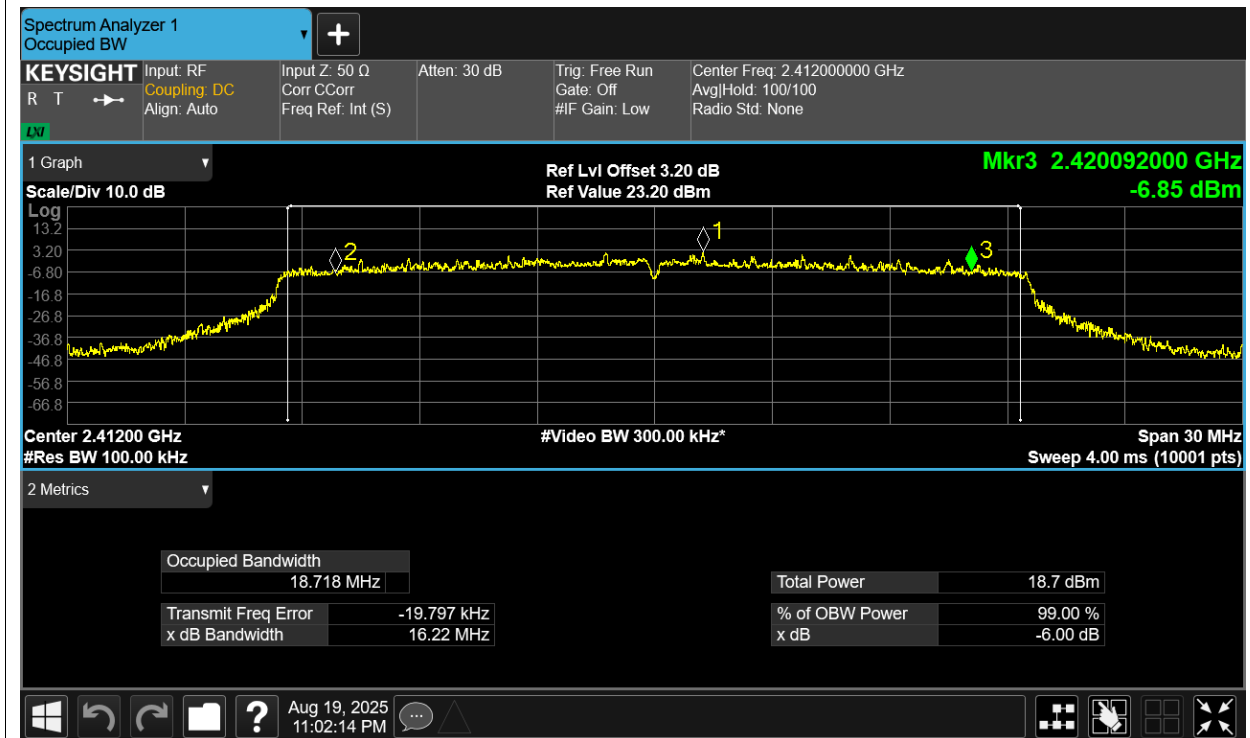
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	13.52	0.27	13.79	30	Pass
NVNT	ax20	2437	Ant1	13.33	0.27	13.6	30	Pass
NVNT	ax20	2462	Ant1	12.46	0.28	12.74	30	Pass
NVNT	b	2412	Ant1	15.38	0.34	15.72	30	Pass
NVNT	b	2437	Ant1	15.36	0.32	15.68	30	Pass
NVNT	b	2462	Ant1	14.48	0.32	14.8	30	Pass
NVNT	g	2412	Ant1	13.76	0.3	14.06	30	Pass
NVNT	g	2437	Ant1	13.57	0.3	13.87	30	Pass
NVNT	g	2462	Ant1	12.64	0.3	12.94	30	Pass
NVNT	n20	2412	Ant1	13.67	0.32	13.99	30	Pass
NVNT	n20	2437	Ant1	13.52	0.34	13.86	30	Pass
NVNT	n20	2462	Ant1	12.55	0.34	12.89	30	Pass

-6dB Bandwidth

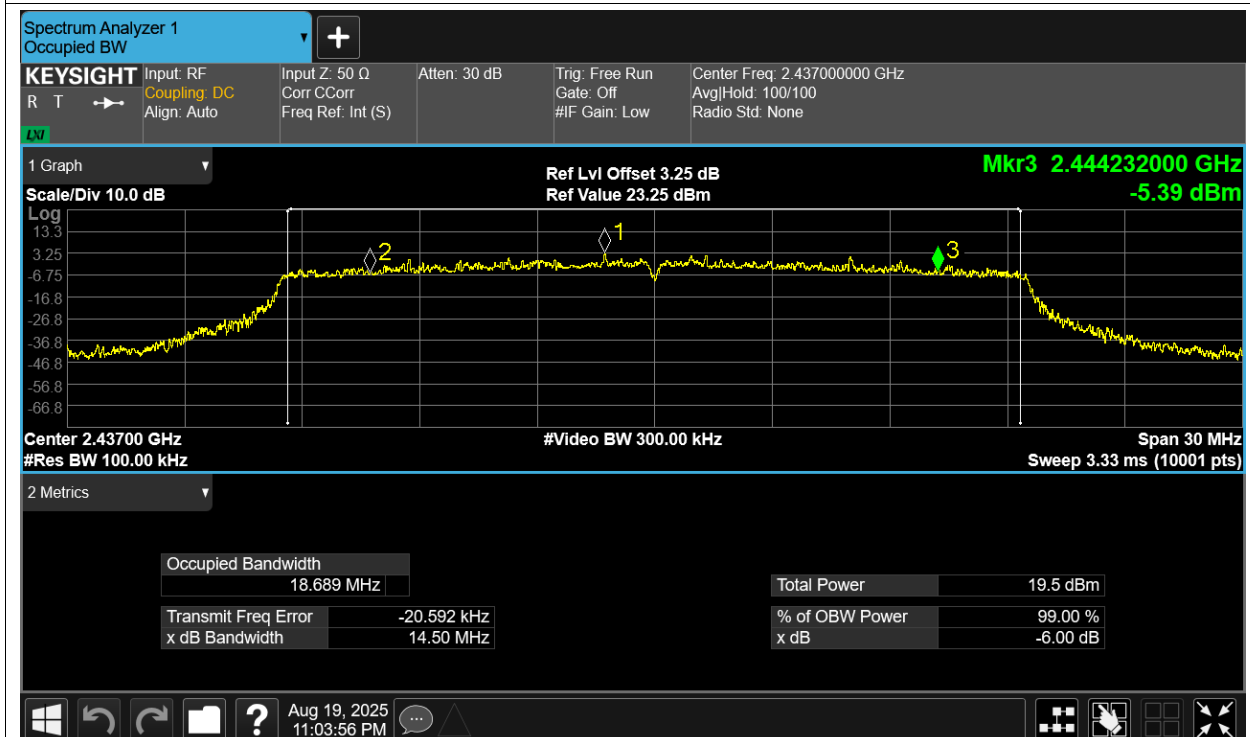
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit (MHz)	Verdic
NVNT	ax20	2412	Ant1	16.223	0.5	Pass
NVNT	ax20	2437	Ant1	14.504	0.5	Pass
NVNT	ax20	2462	Ant1	15.809	0.5	Pass
NVNT	b	2412	Ant1	7.557	0.5	Pass
NVNT	b	2437	Ant1	8.022	0.5	Pass
NVNT	b	2462	Ant1	7.61	0.5	Pass
NVNT	g	2412	Ant1	15.055	0.5	Pass
NVNT	g	2437	Ant1	15.103	0.5	Pass
NVNT	g	2462	Ant1	15.074	0.5	Pass
NVNT	n20	2412	Ant1	15.11	0.5	Pass
NVNT	n20	2437	Ant1	15.055	0.5	Pass
NVNT	n20	2462	Ant1	15.078	0.5	Pass

Test Graphs

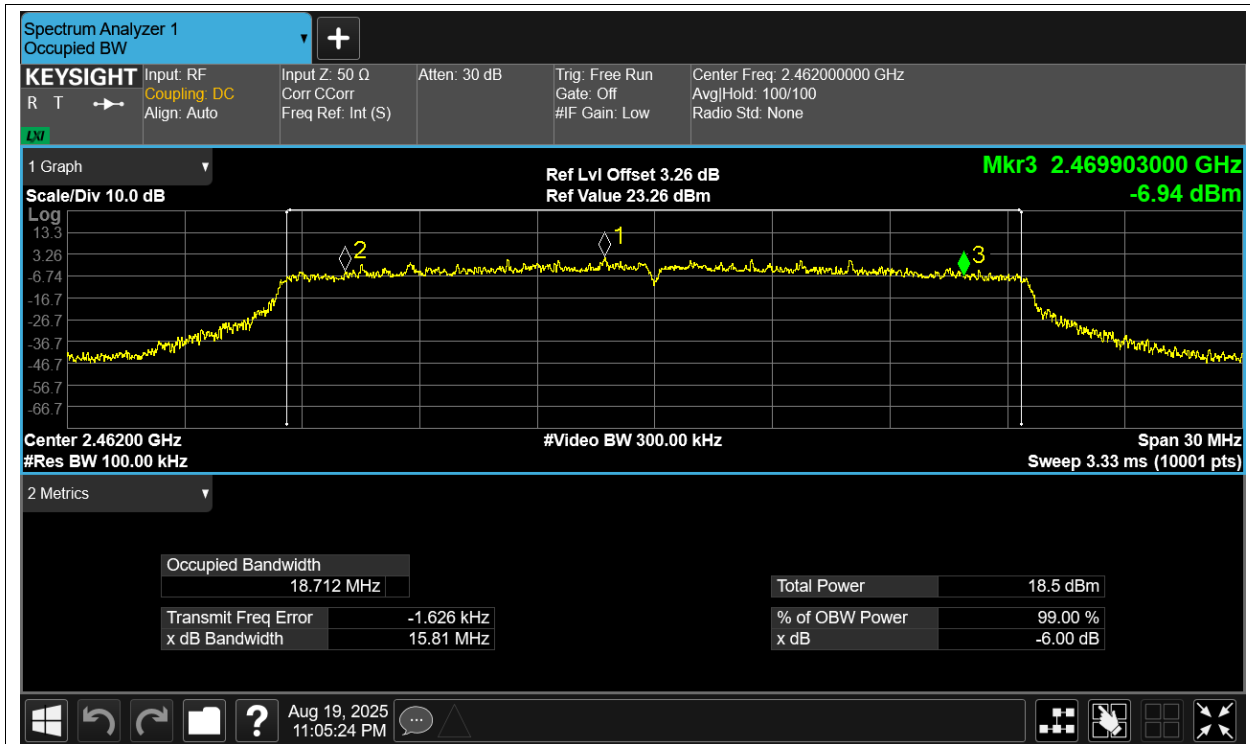
-6dB Bandwidth NVNT ax20 2412MHz Ant1



-6dB Bandwidth NVNT ax20 2437MHz Ant1



-6dB Bandwidth NVNT ax20 2462MHz Ant1



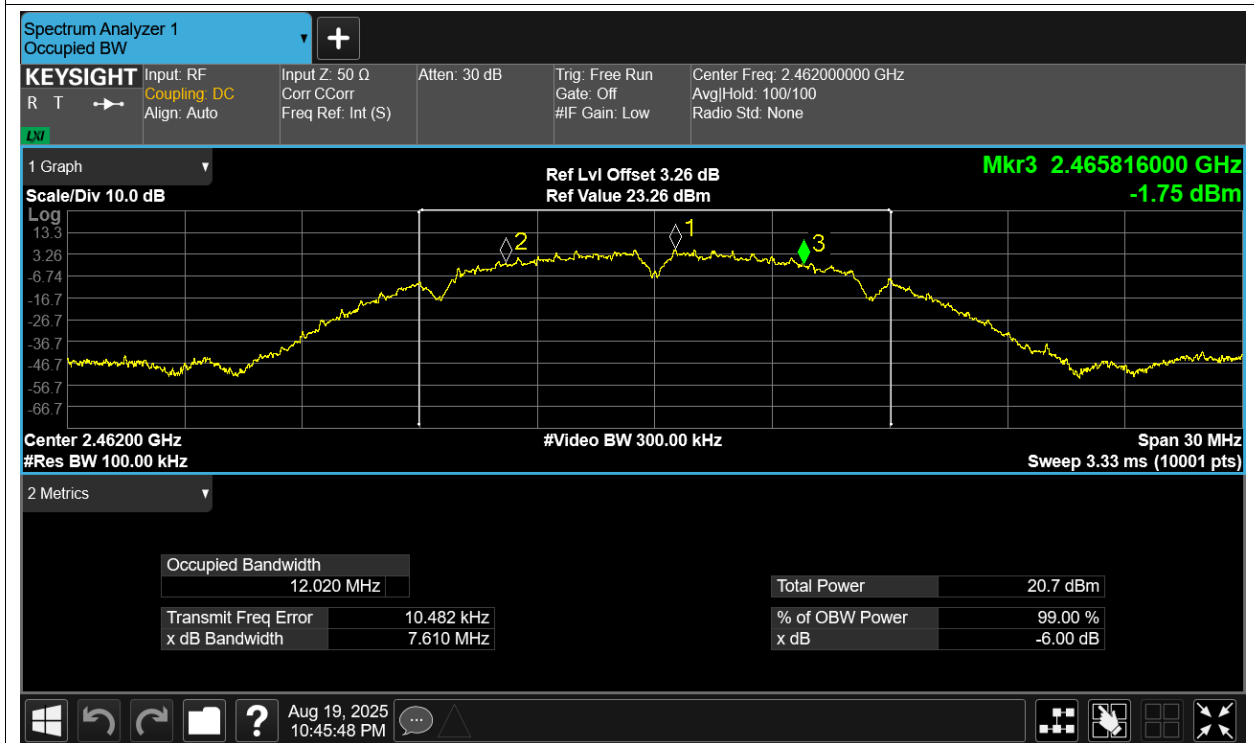
-6dB Bandwidth NVNT b 2412MHz Ant1



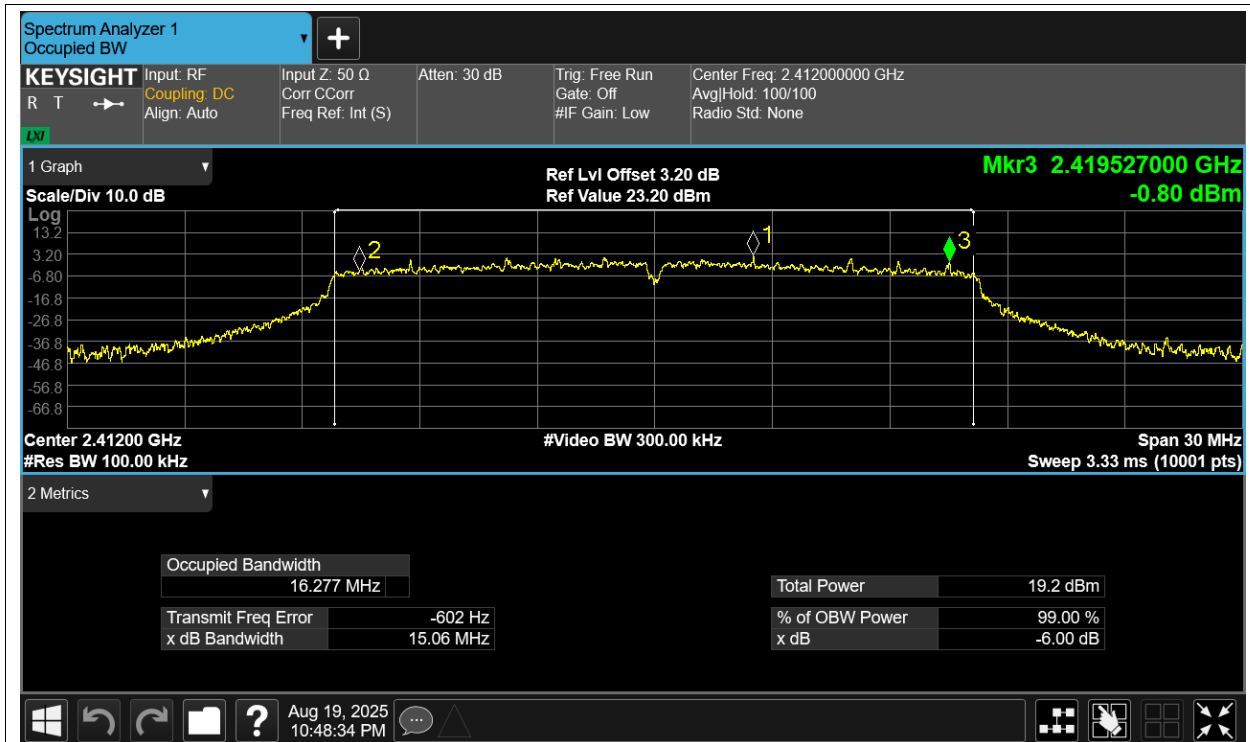
-6dB Bandwidth NVNT b 2437MHz Ant1



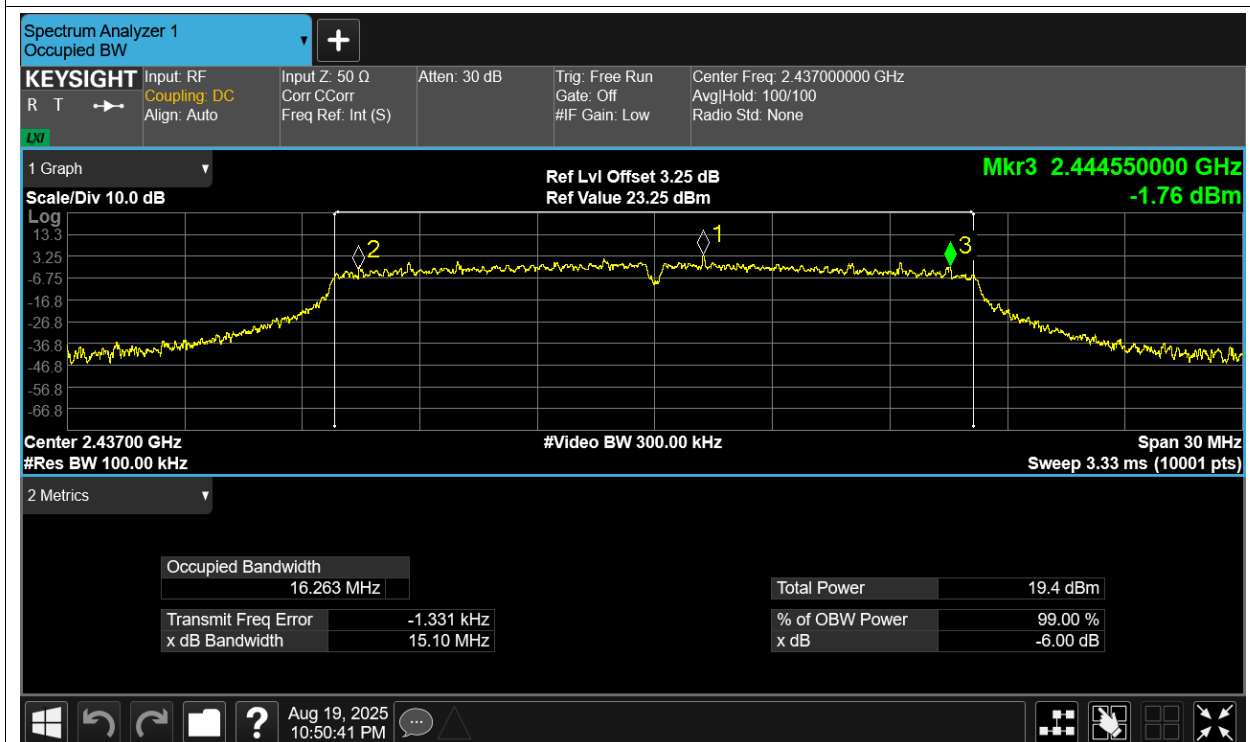
-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



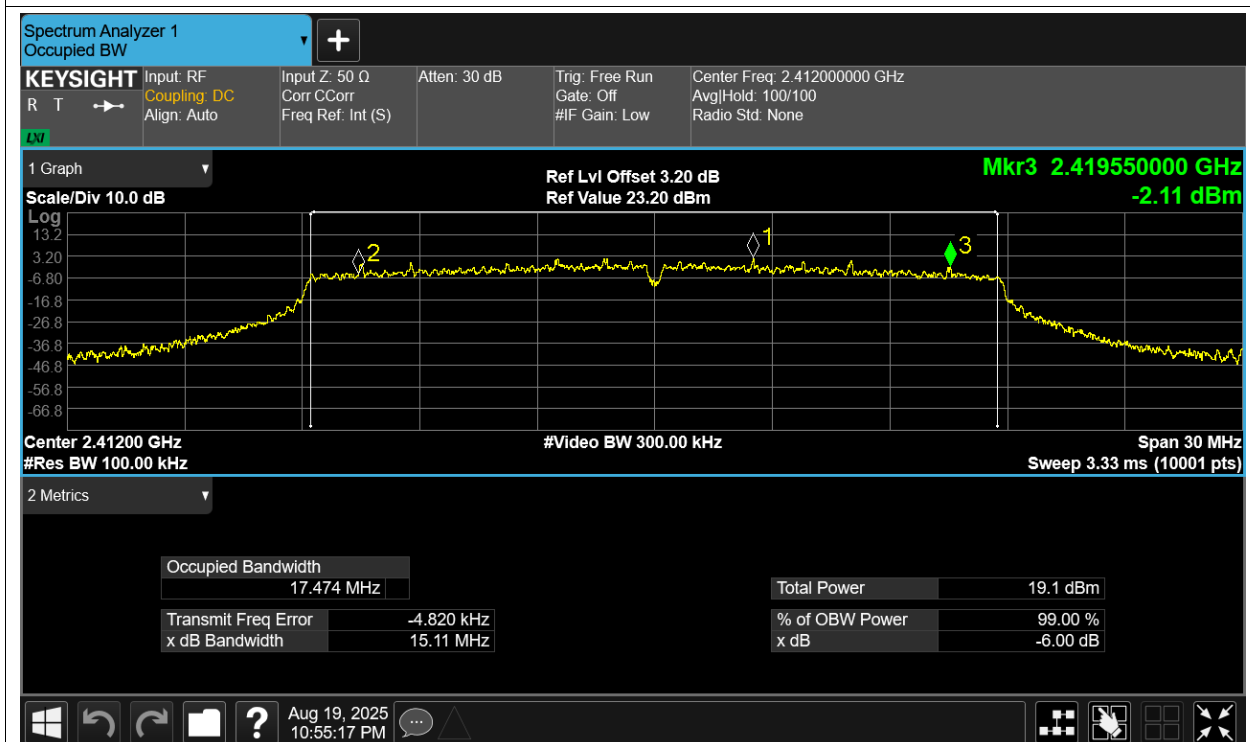
-6dB Bandwidth NVNT g 2437MHz Ant1



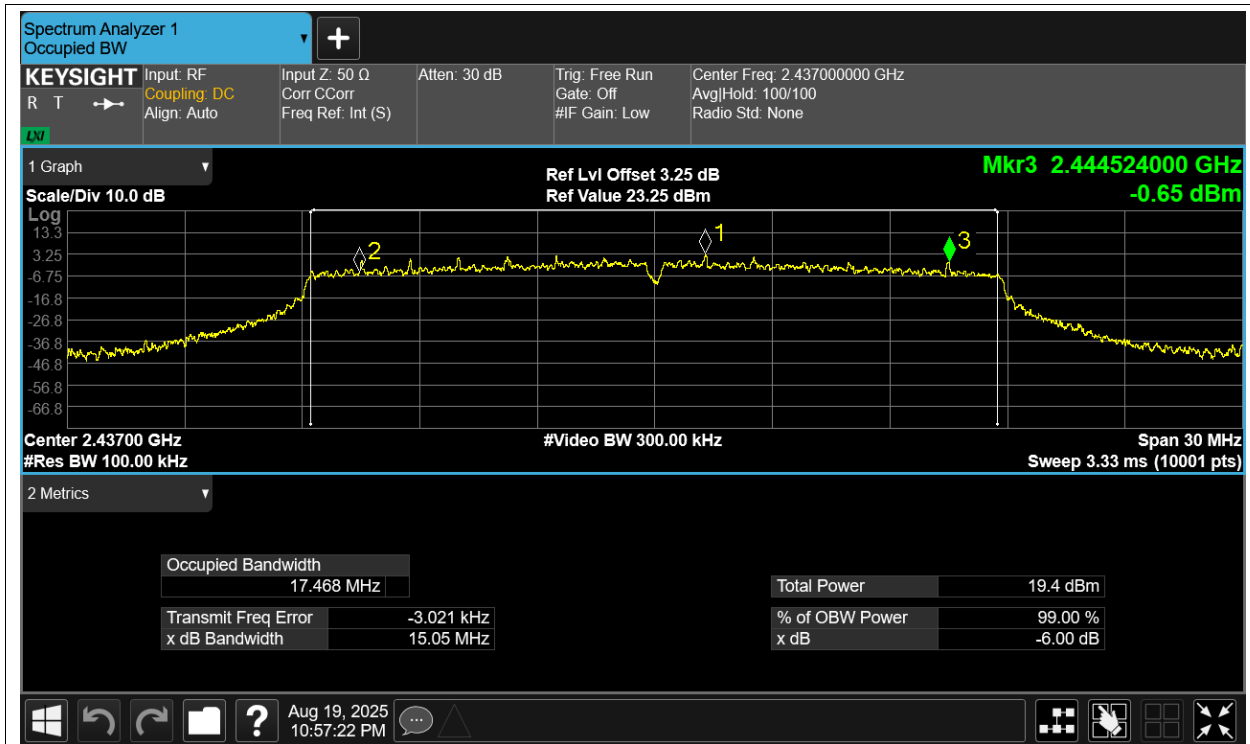
-6dB Bandwidth NVNT g 2462MHz Ant1



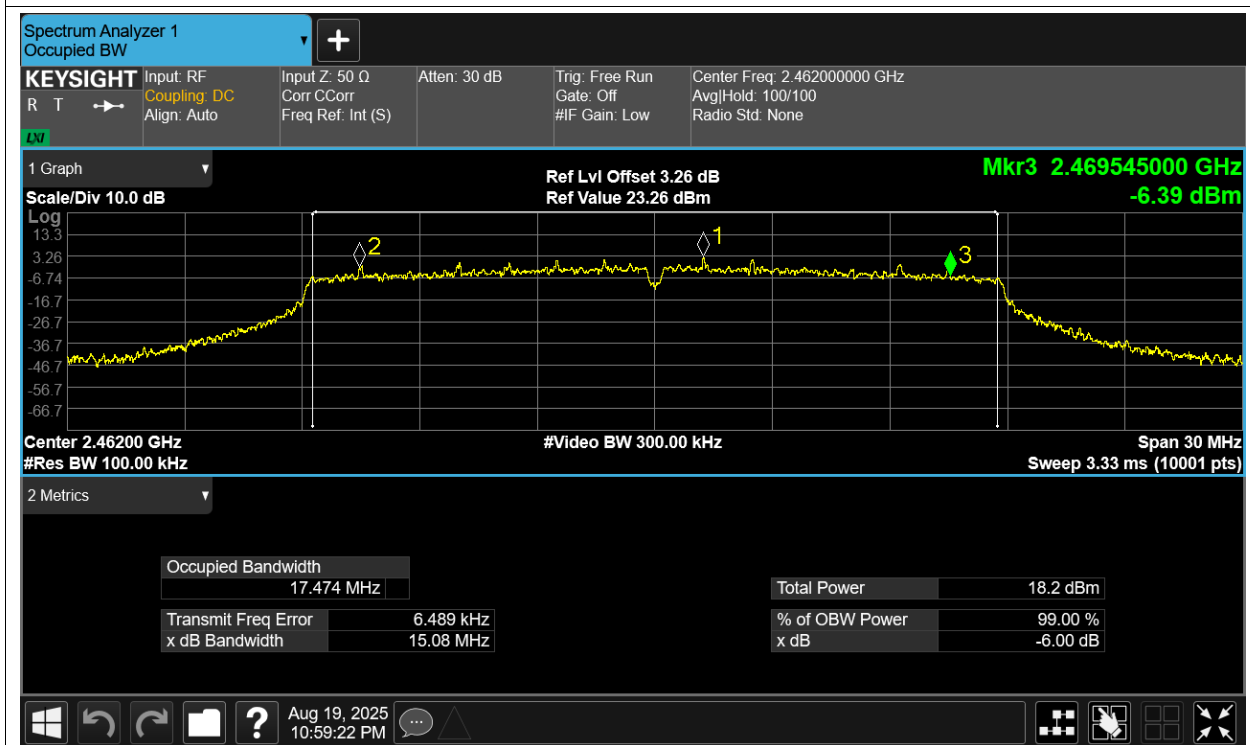
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

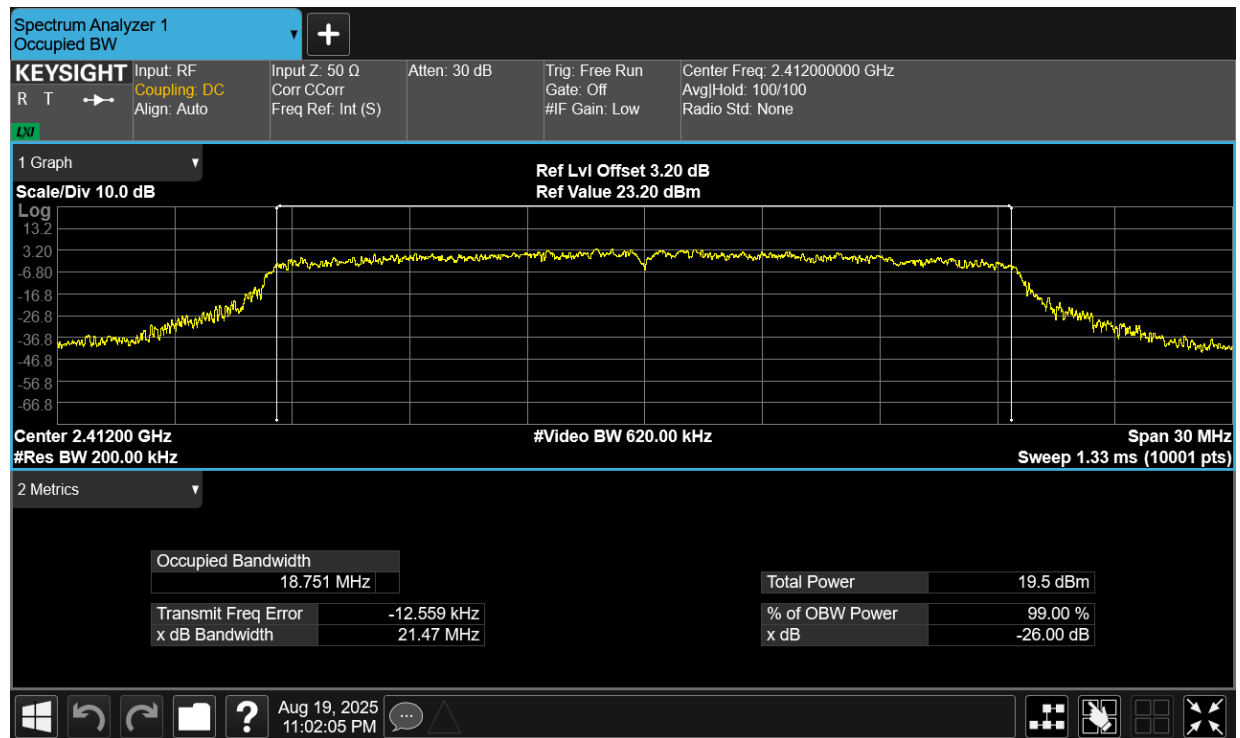


Occupied Channel Bandwidth

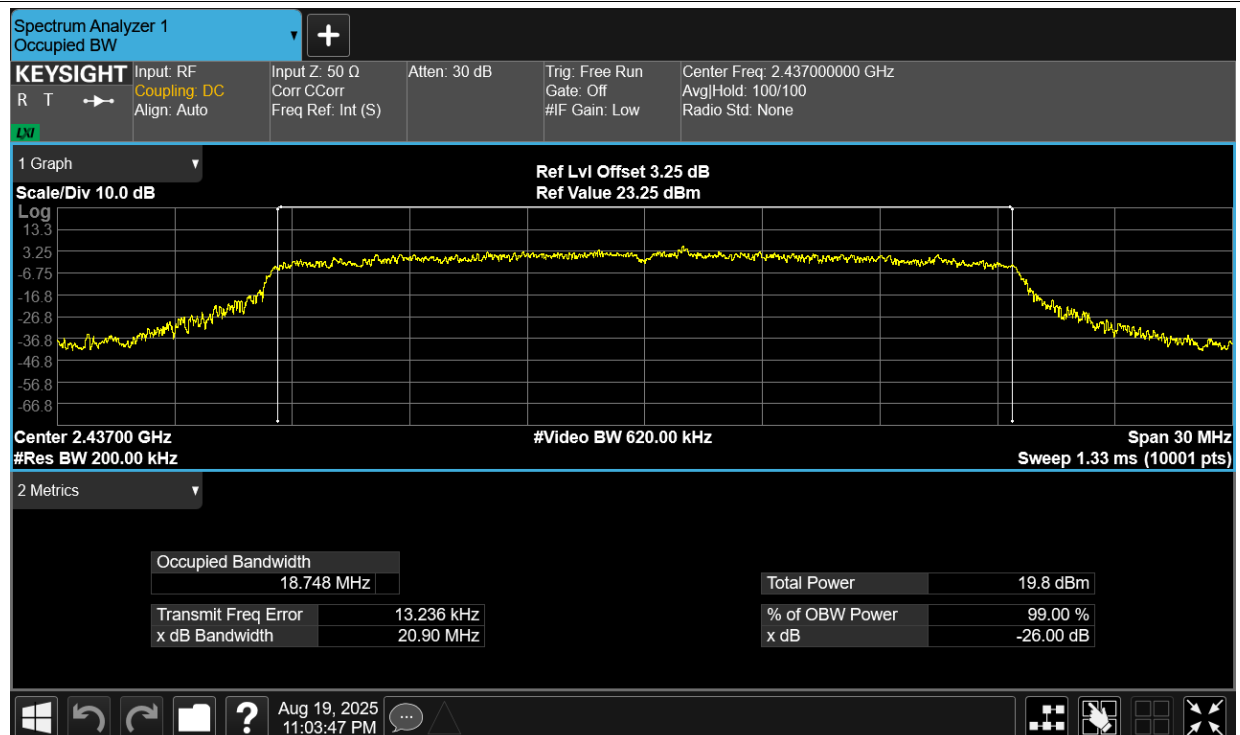
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	18.751
NVNT	ax20	2437	Ant1	18.748
NVNT	ax20	2462	Ant1	18.785
NVNT	b	2412	Ant1	12.002
NVNT	b	2437	Ant1	11.958
NVNT	b	2462	Ant1	12.021
NVNT	g	2412	Ant1	16.295
NVNT	g	2437	Ant1	16.294
NVNT	g	2462	Ant1	16.309
NVNT	n20	2412	Ant1	17.478
NVNT	n20	2437	Ant1	17.464
NVNT	n20	2462	Ant1	17.477

Test Graphs

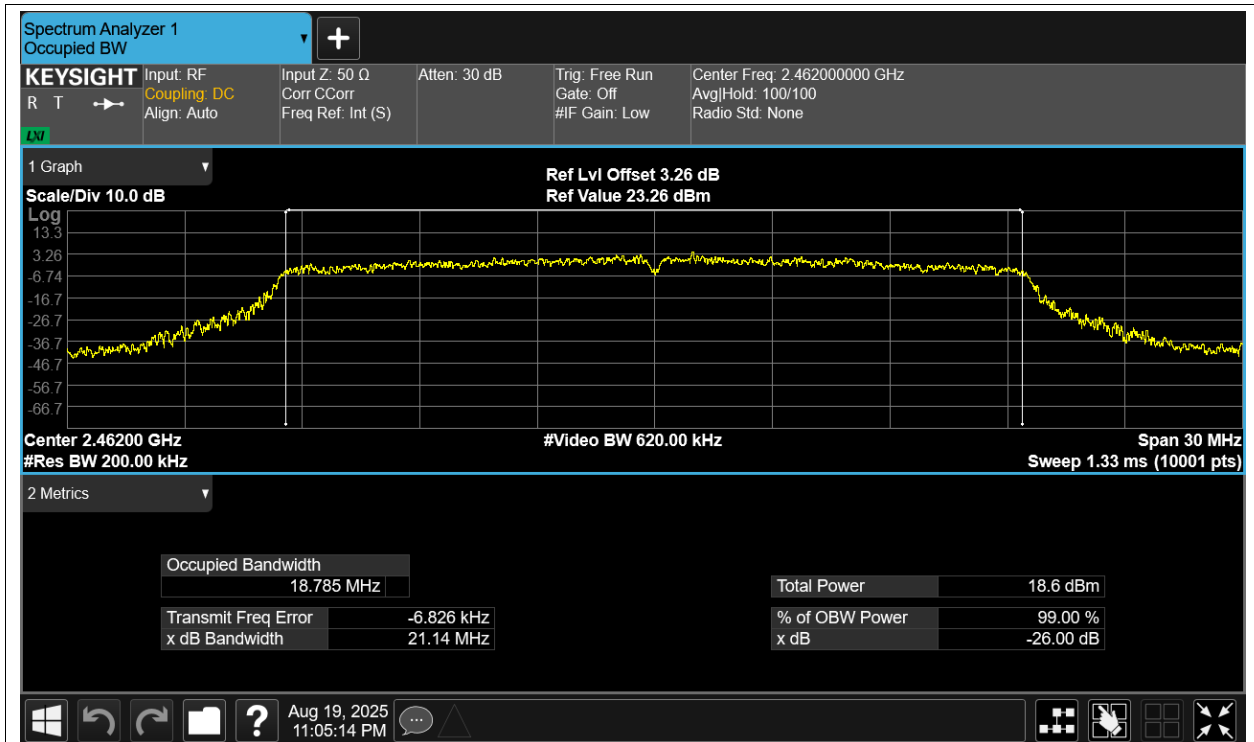
OBW NVNT ax20 2412MHz Ant1



OBW NVNT ax20 2437MHz Ant1



OBW NVNT ax20 2462MHz Ant1



OBW NVNT b 2412MHz Ant1



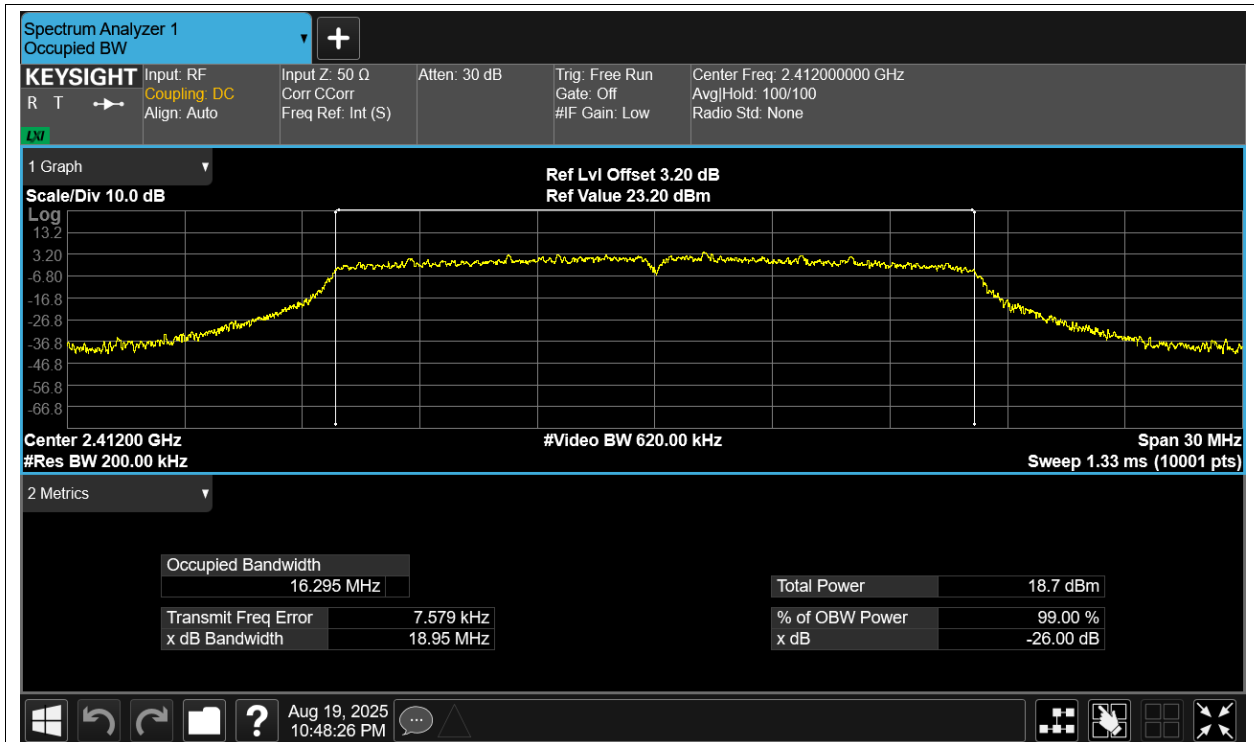
OBW NVNT b 2437MHz Ant1



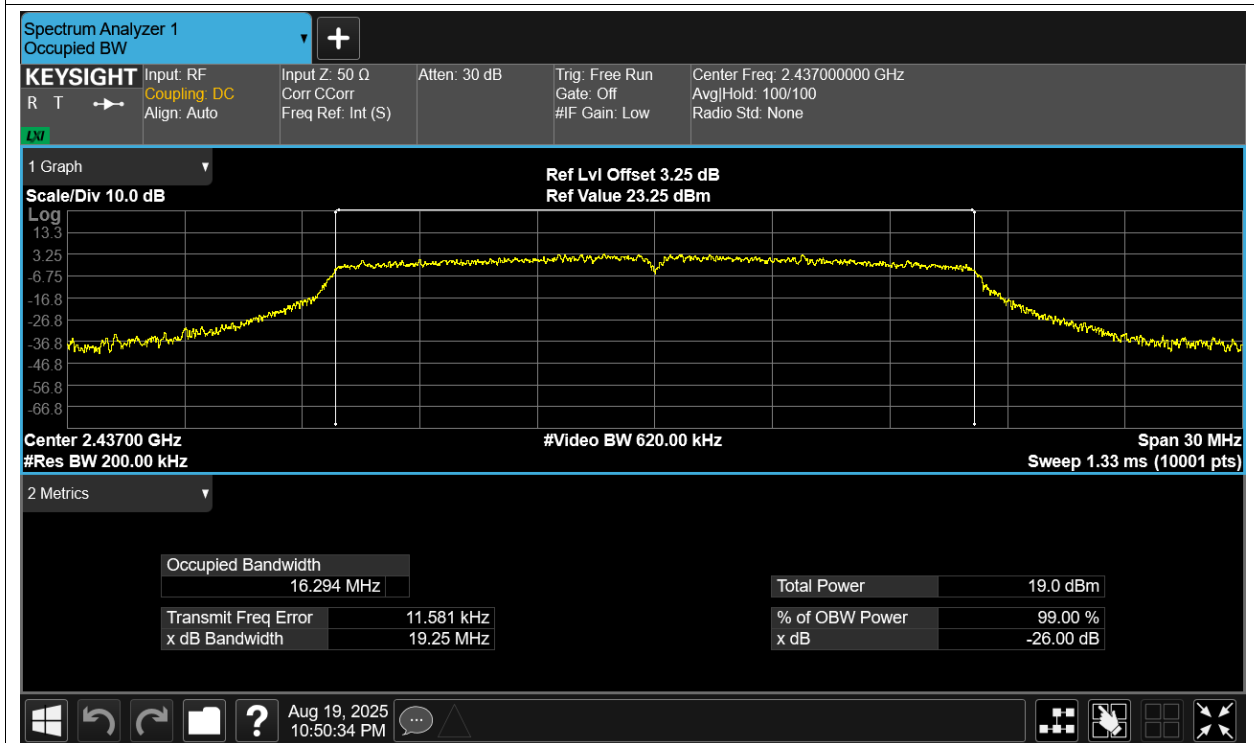
OBW NVNT b 2462MHz Ant1



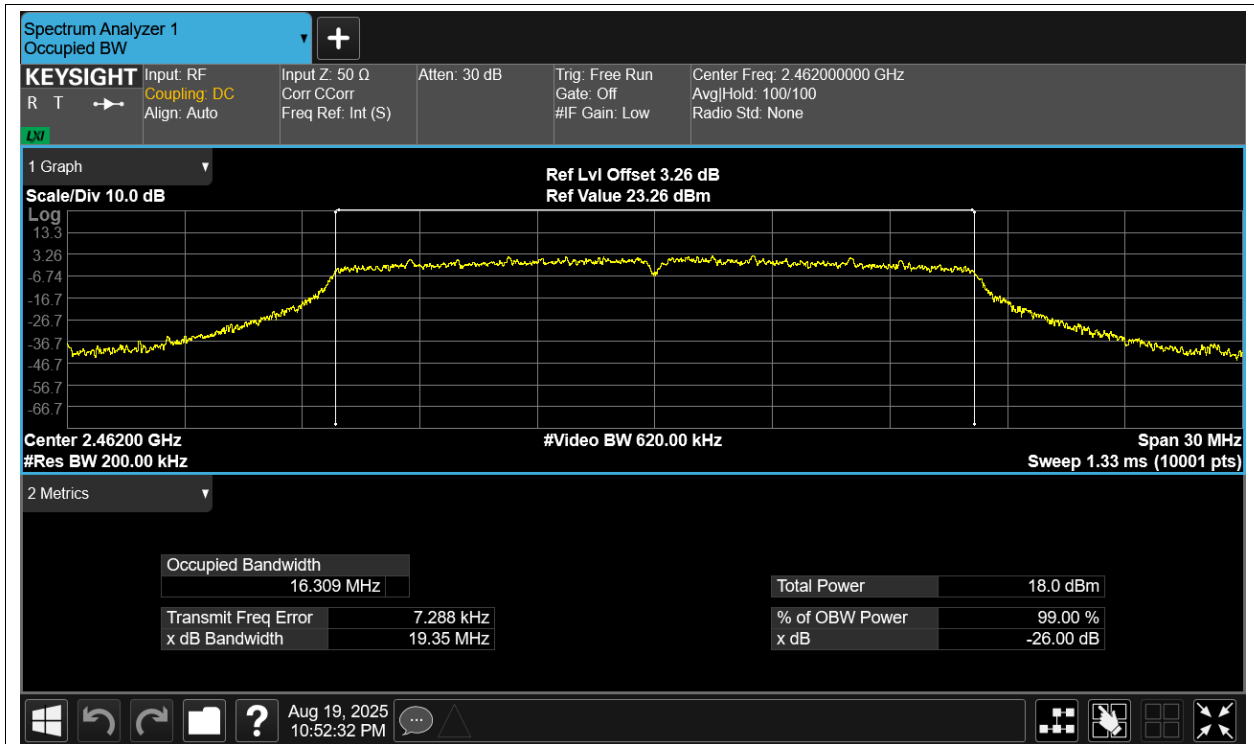
OBW NVNT g 2412MHz Ant1



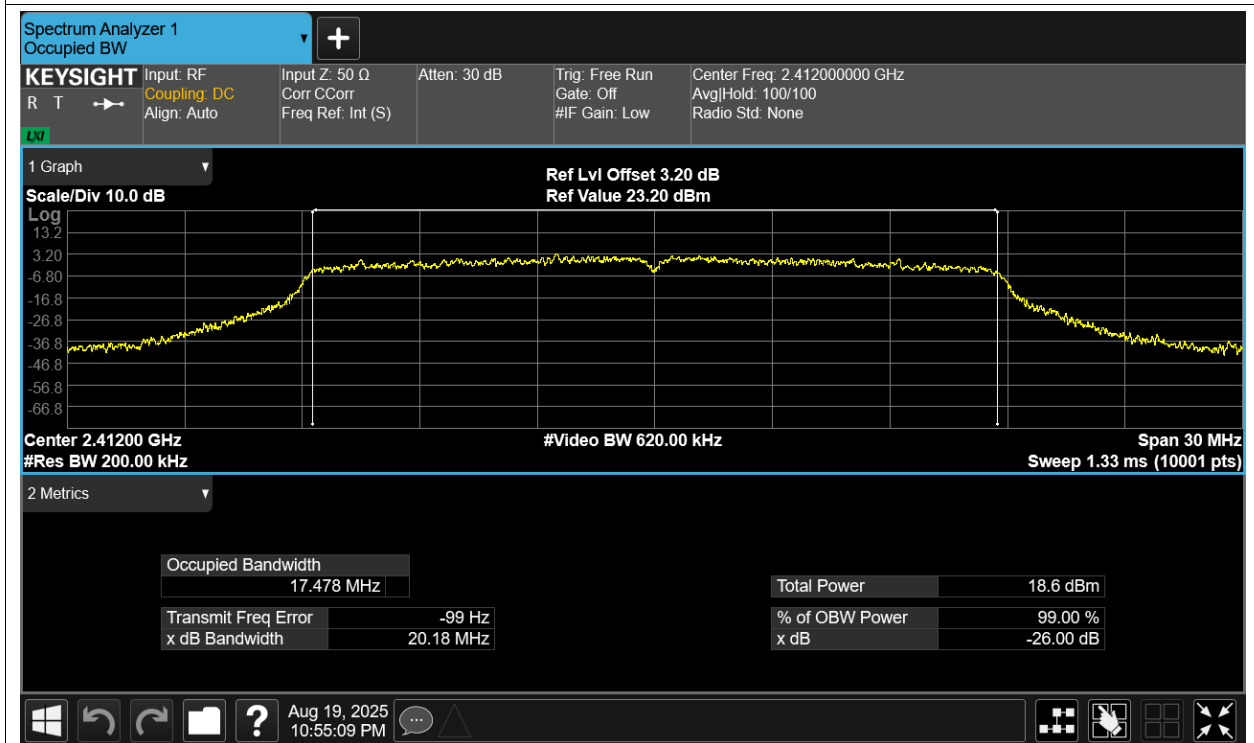
OBW NVNT g 2437MHz Ant1



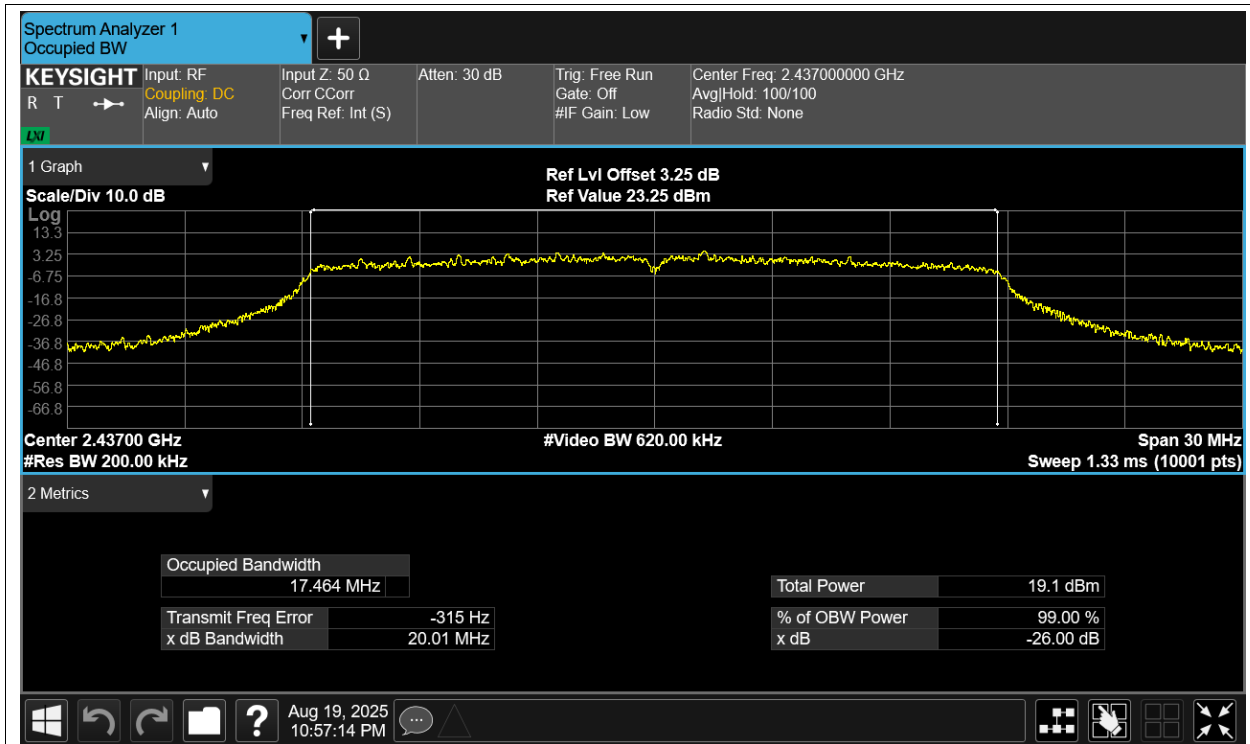
OBW NVNT g 2462MHz Ant1



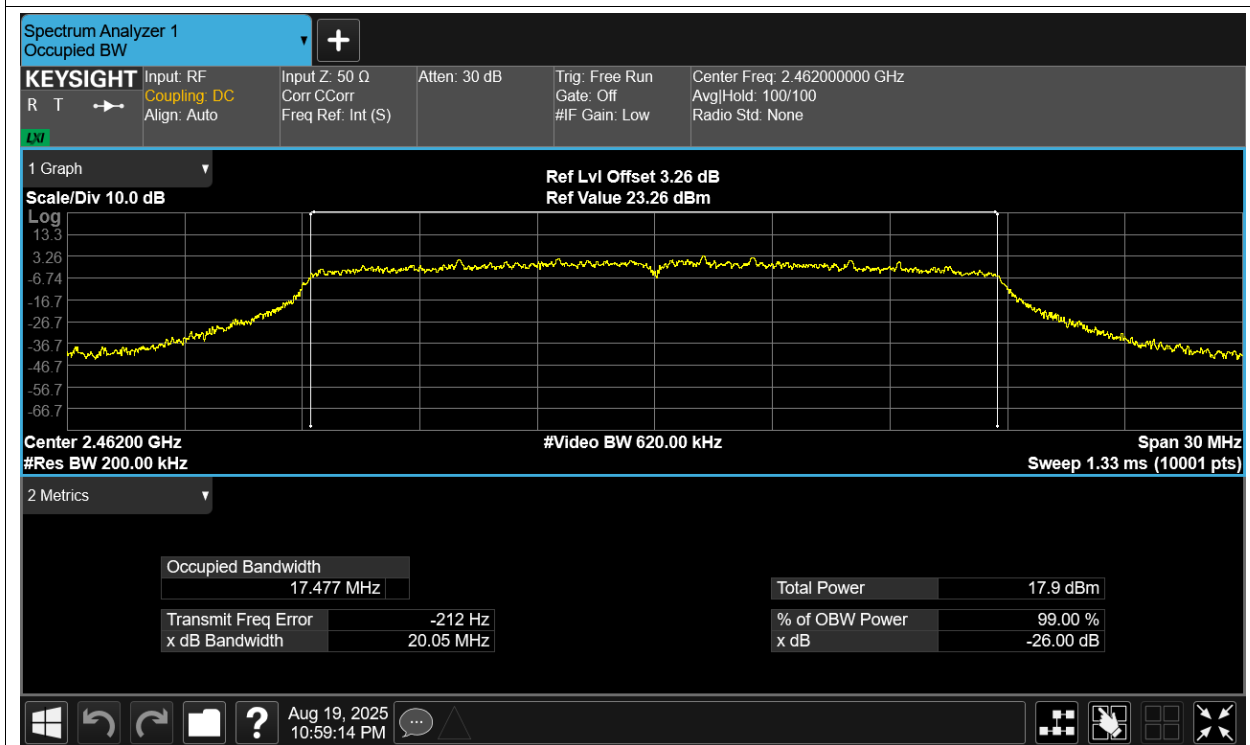
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1

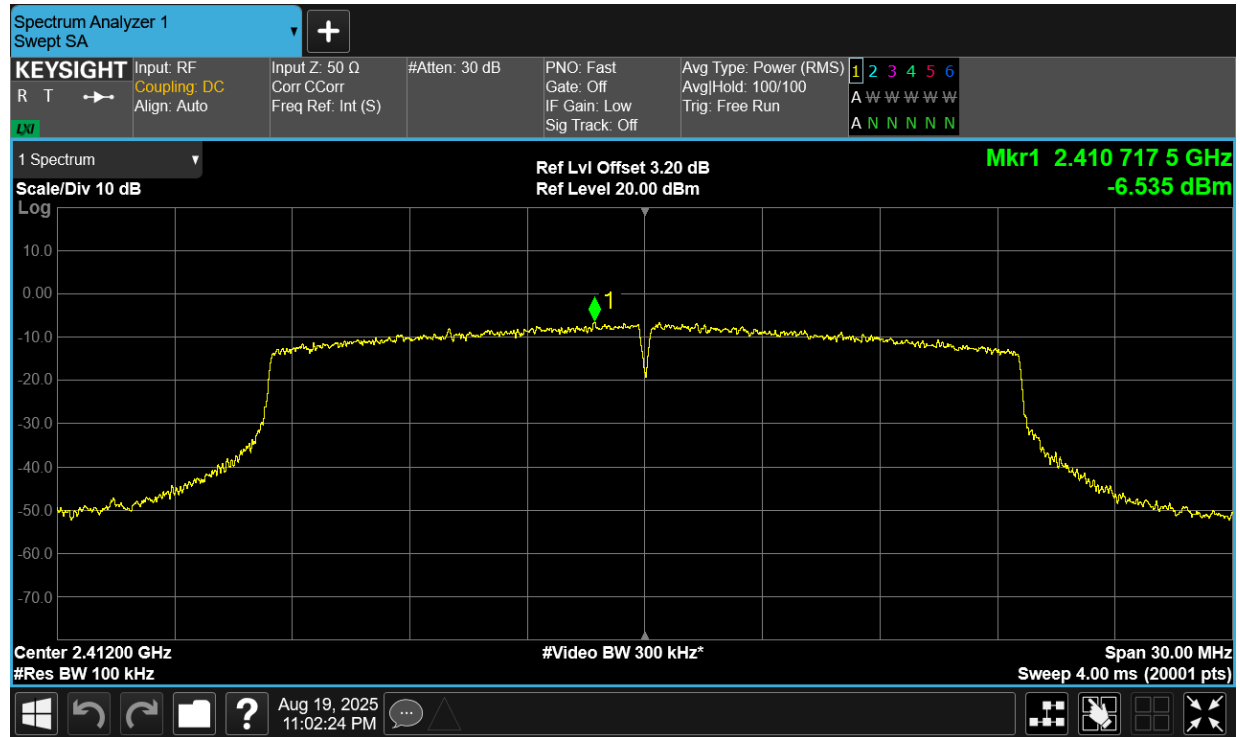


Maximum Power Spectral Density Level

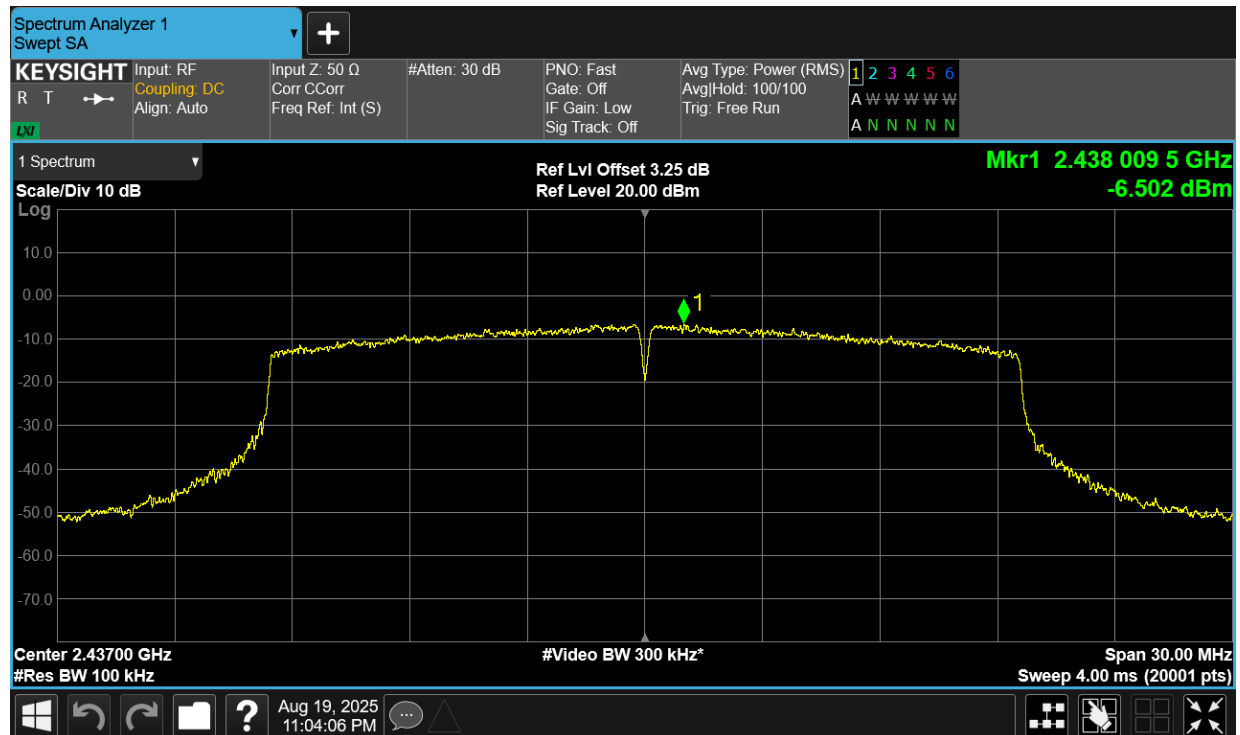
Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Max PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	ax20	2412	Ant1	0.27	-6.535	-6.265	8	Pass
NVNT	ax20	2437	Ant1	0.27	-6.502	-6.232	8	Pass
NVNT	ax20	2462	Ant1	0.28	-7.507	-7.227	8	Pass
NVNT	b	2412	Ant1	0.34	-13.356	-13.016	8	Pass
NVNT	b	2437	Ant1	0.32	-12.57	-12.25	8	Pass
NVNT	b	2462	Ant1	0.32	-13.91	-13.59	8	Pass
NVNT	g	2412	Ant1	0.3	-16.639	-16.339	8	Pass
NVNT	g	2437	Ant1	0.3	-16.318	-16.018	8	Pass
NVNT	g	2462	Ant1	0.3	-17.701	-17.401	8	Pass
NVNT	n20	2412	Ant1	0.32	-15.698	-15.378	8	Pass
NVNT	n20	2437	Ant1	0.34	-15.789	-15.449	8	Pass
NVNT	n20	2462	Ant1	0.34	-16.372	-16.032	8	Pass

Test Graphs

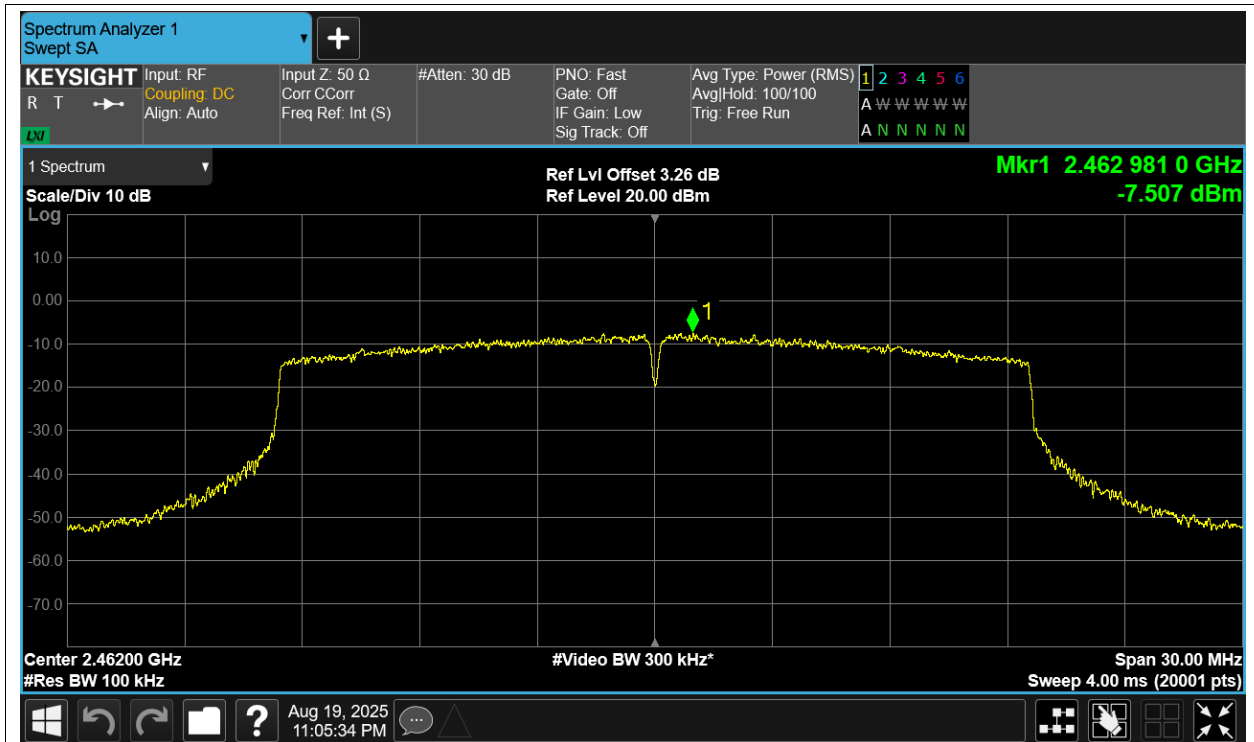
PSD NVNT ax20 2412MHz Ant1



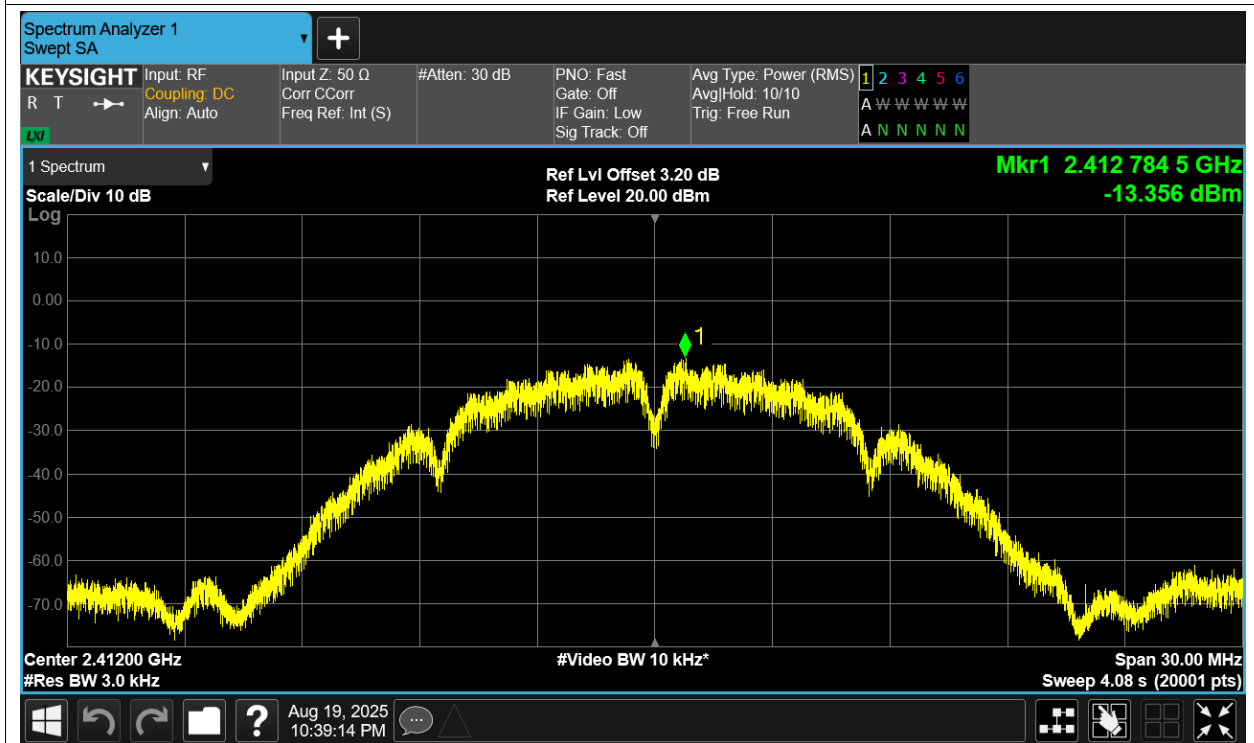
PSD NVNT ax20 2437MHz Ant1



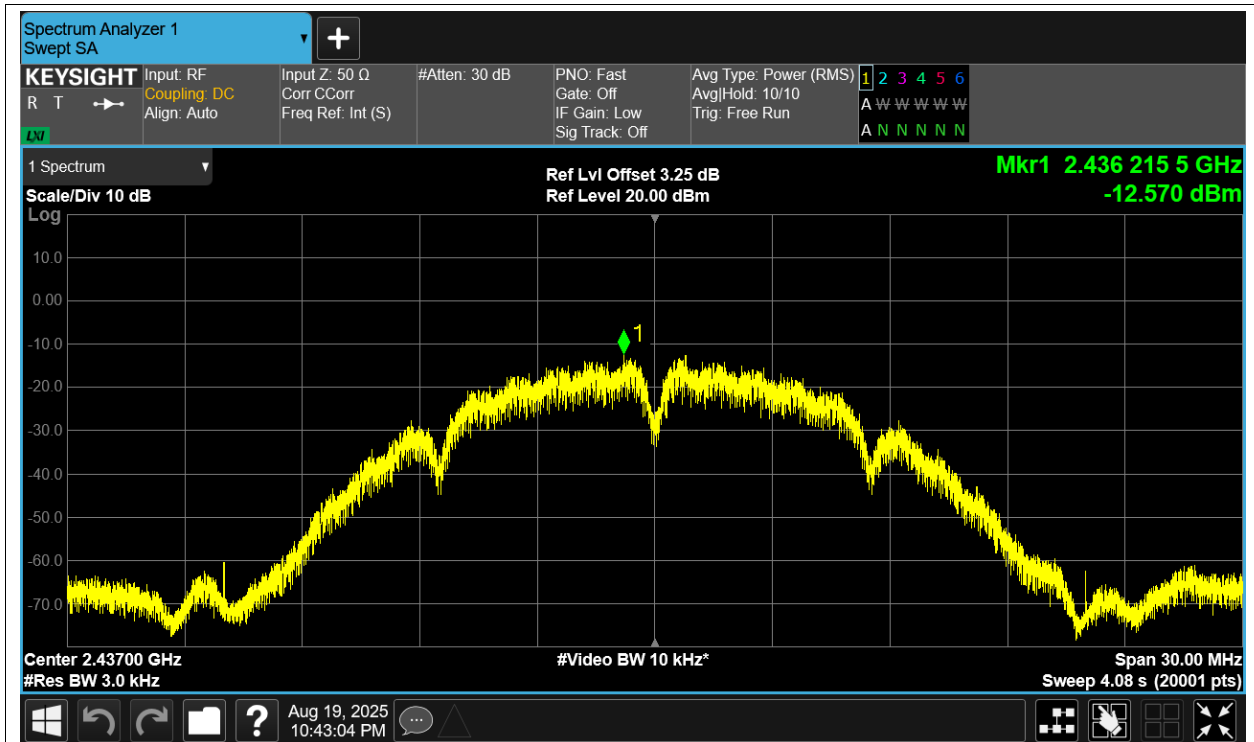
PSD NVNT ax20 2462MHz Ant1



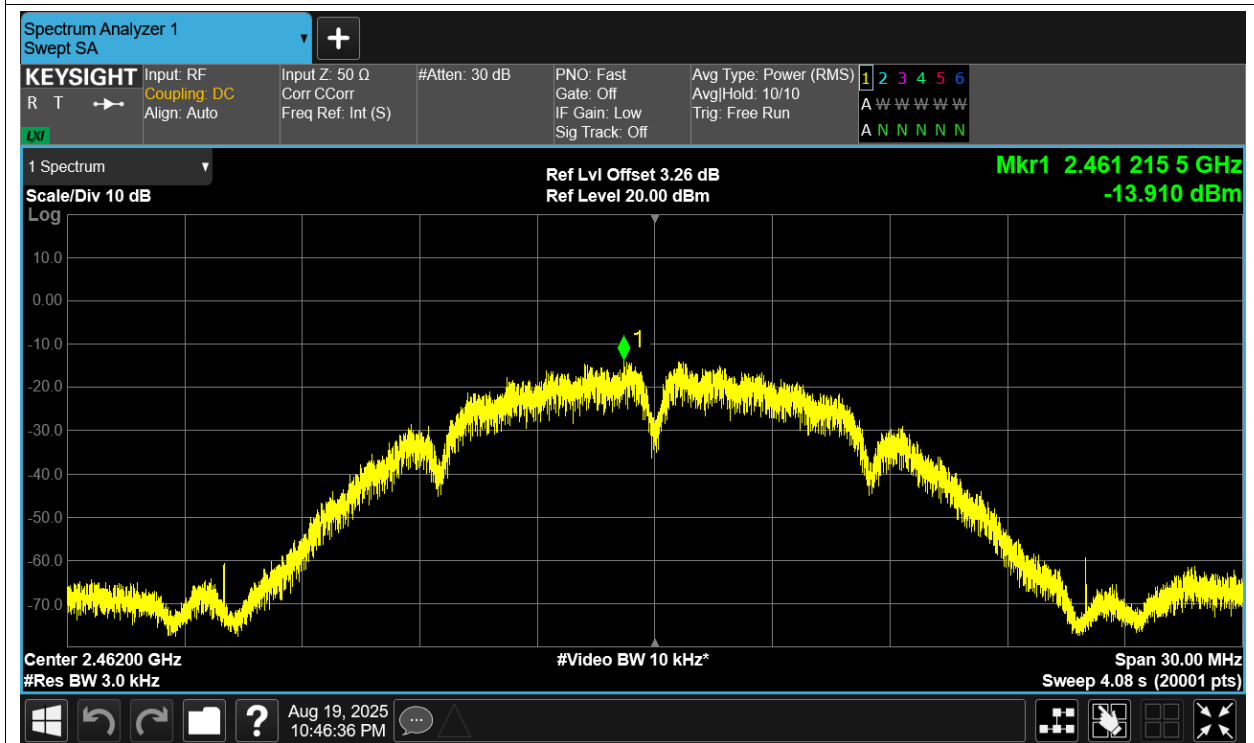
PSD NVNT b 2412MHz Ant1



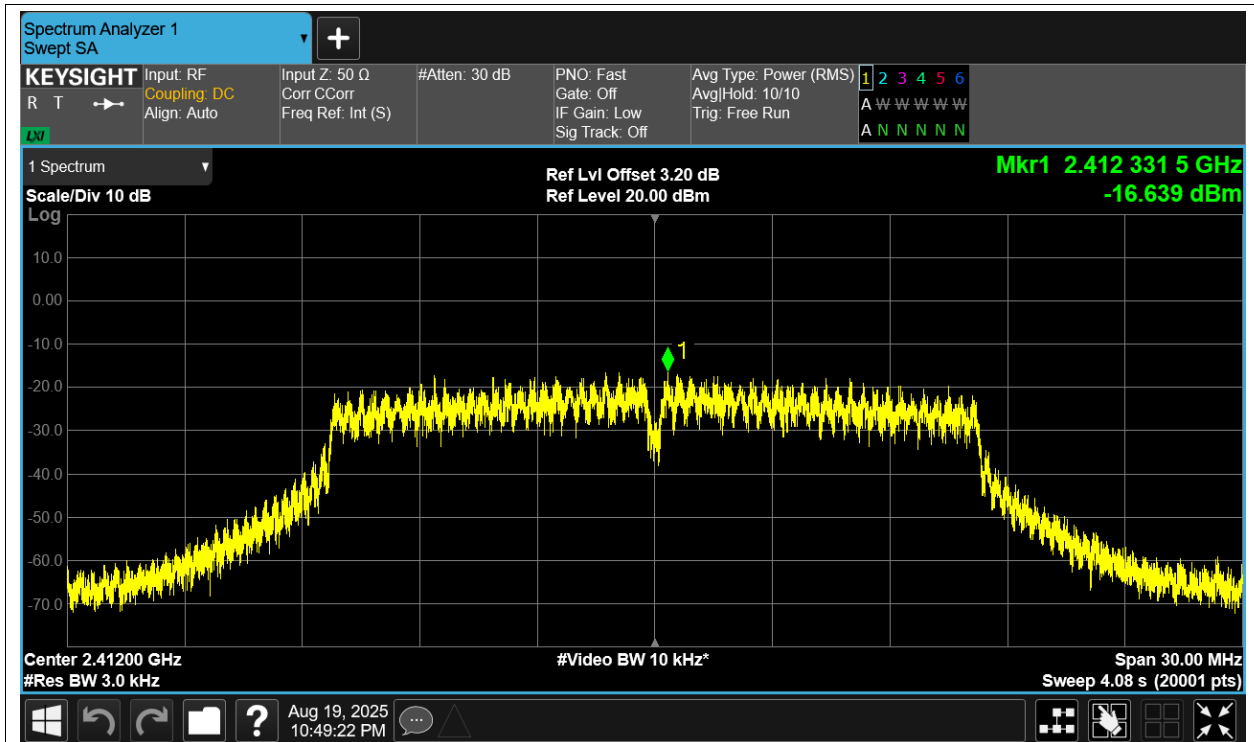
PSD NVNT b 2437MHz Ant1



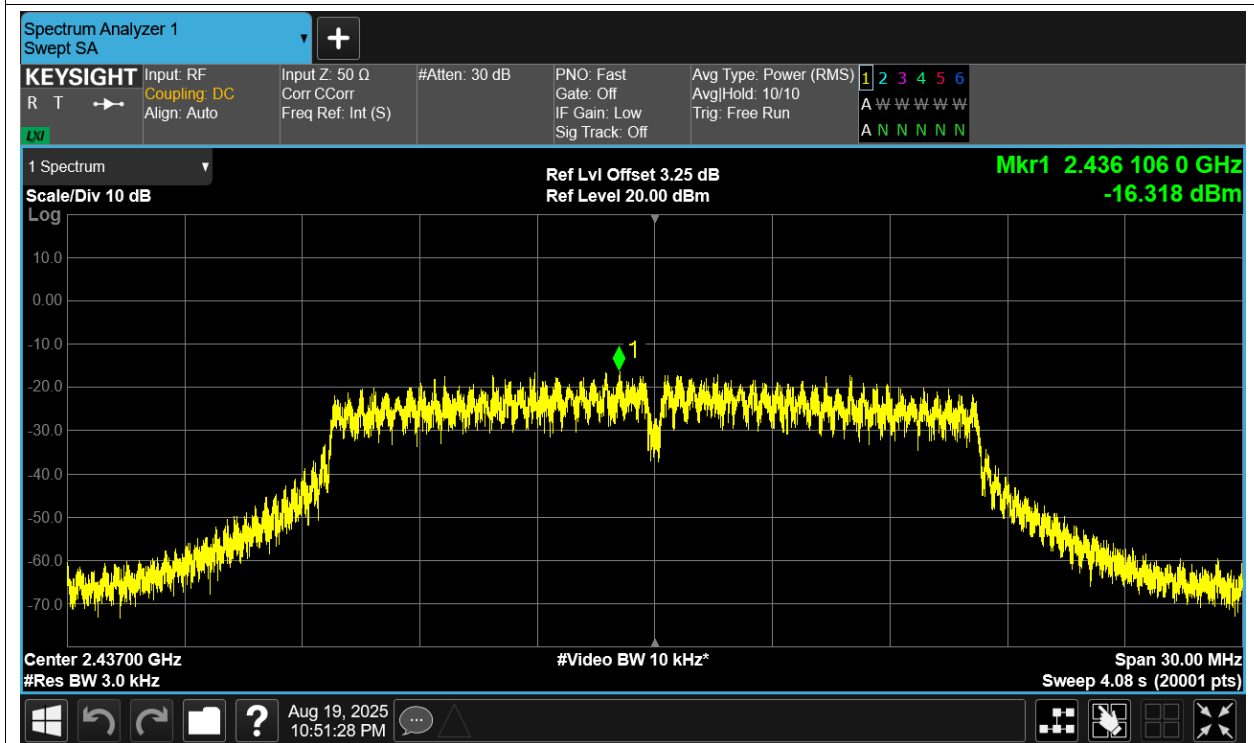
PSD NVNT b 2462MHz Ant1



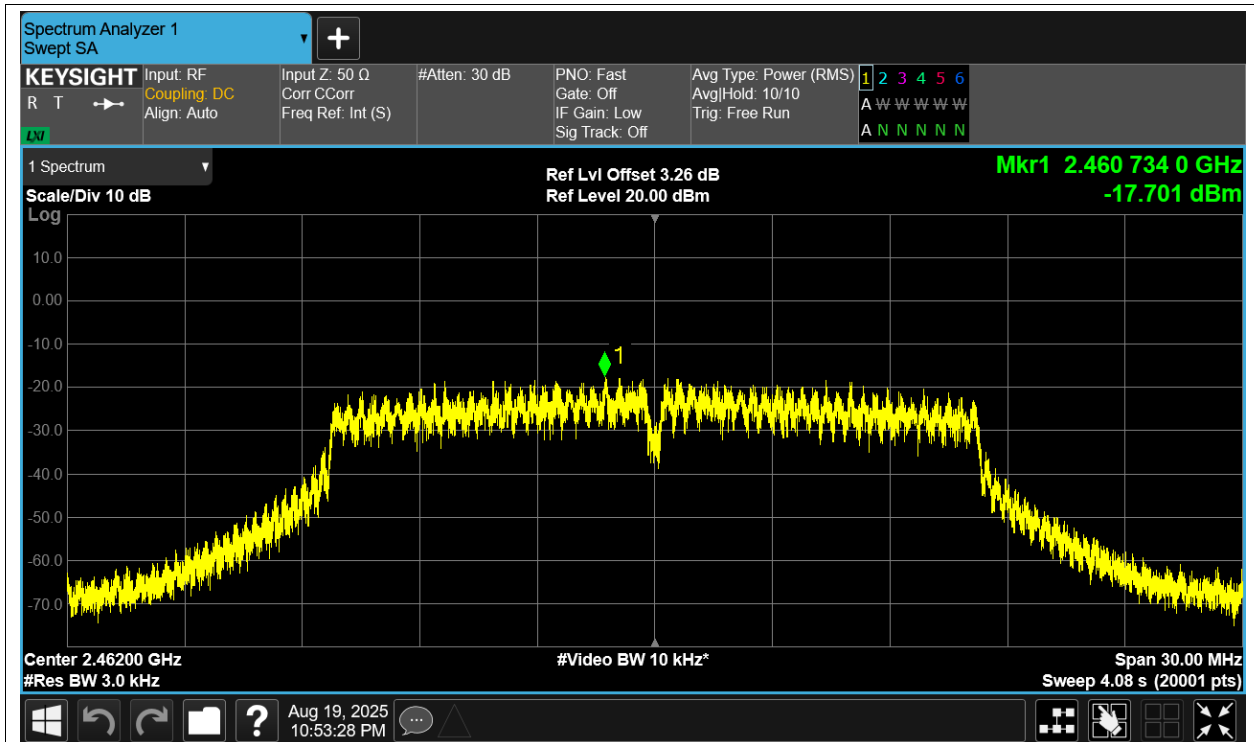
PSD NVNT g 2412MHz Ant1



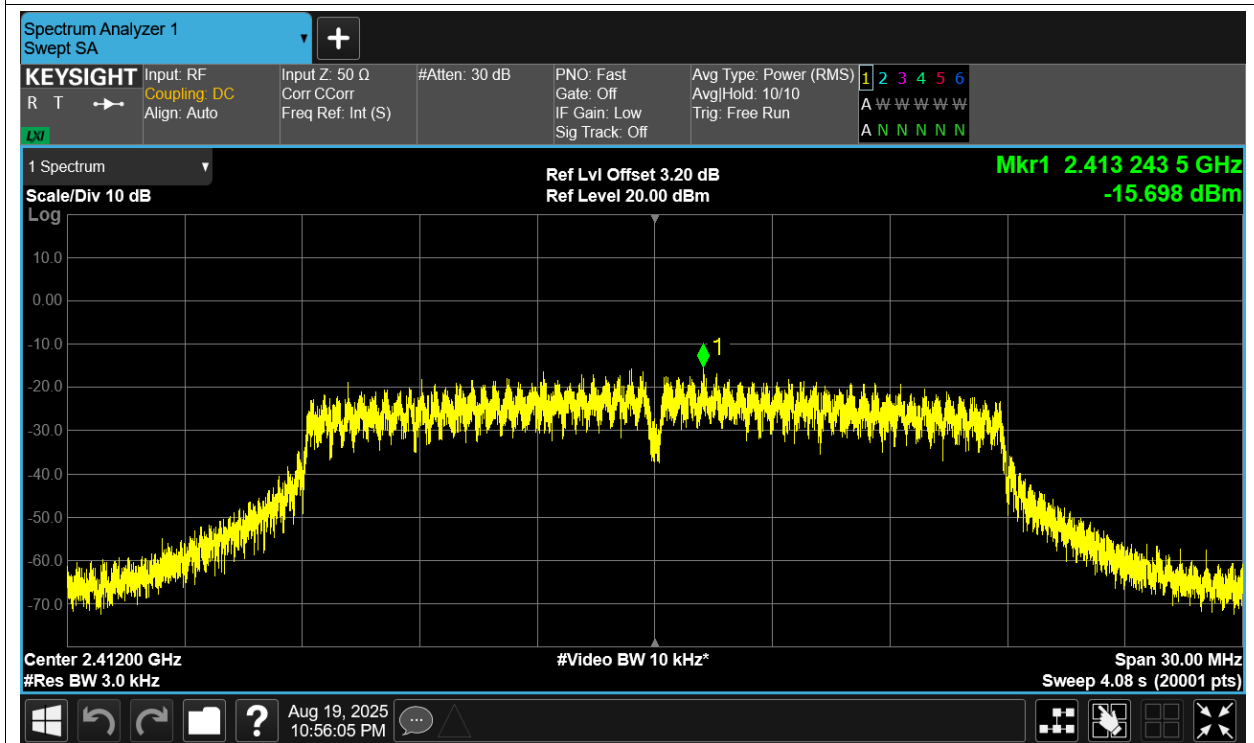
PSD NVNT g 2437MHz Ant1



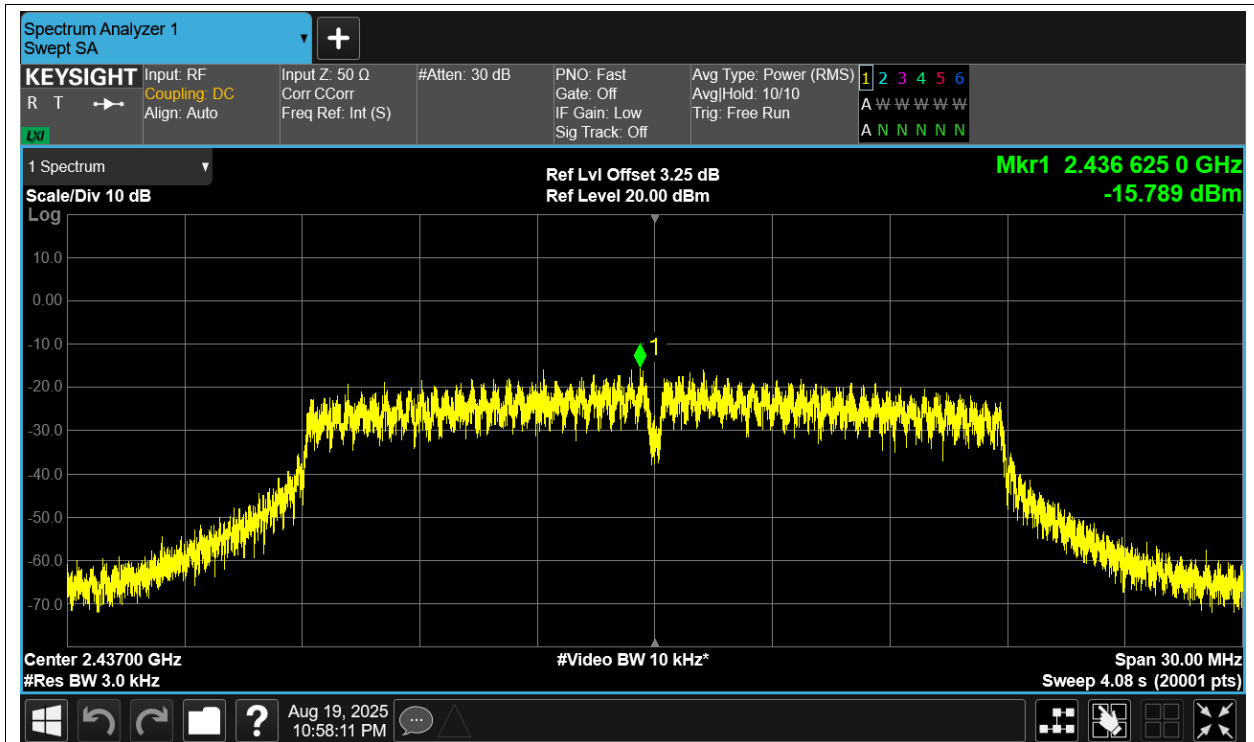
PSD NVNT g 2462MHz Ant1



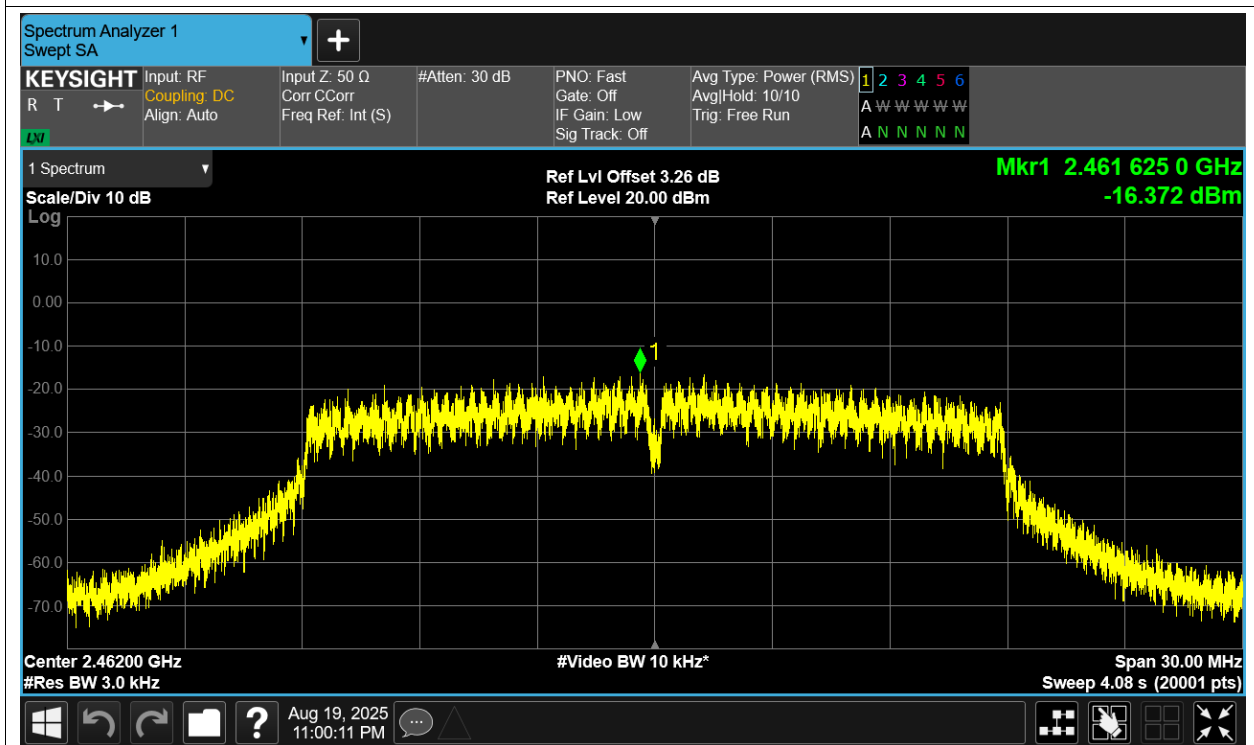
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2462MHz Ant1

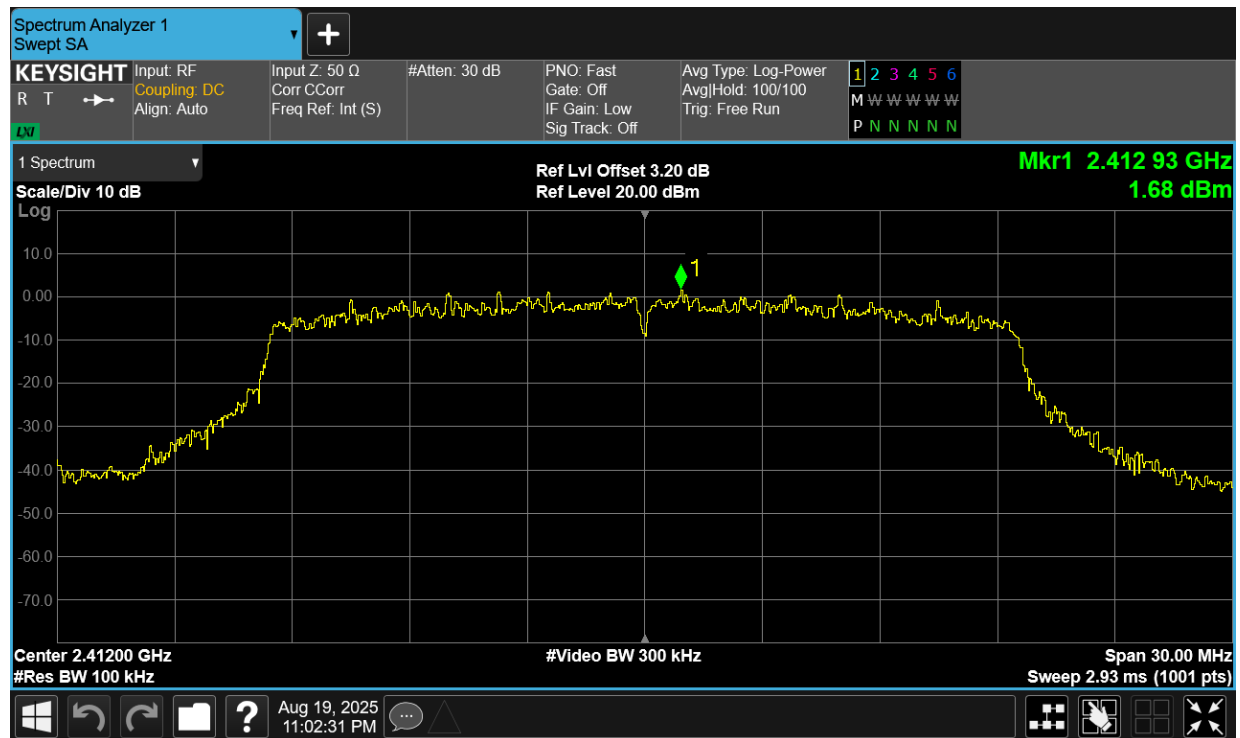


Band Edge

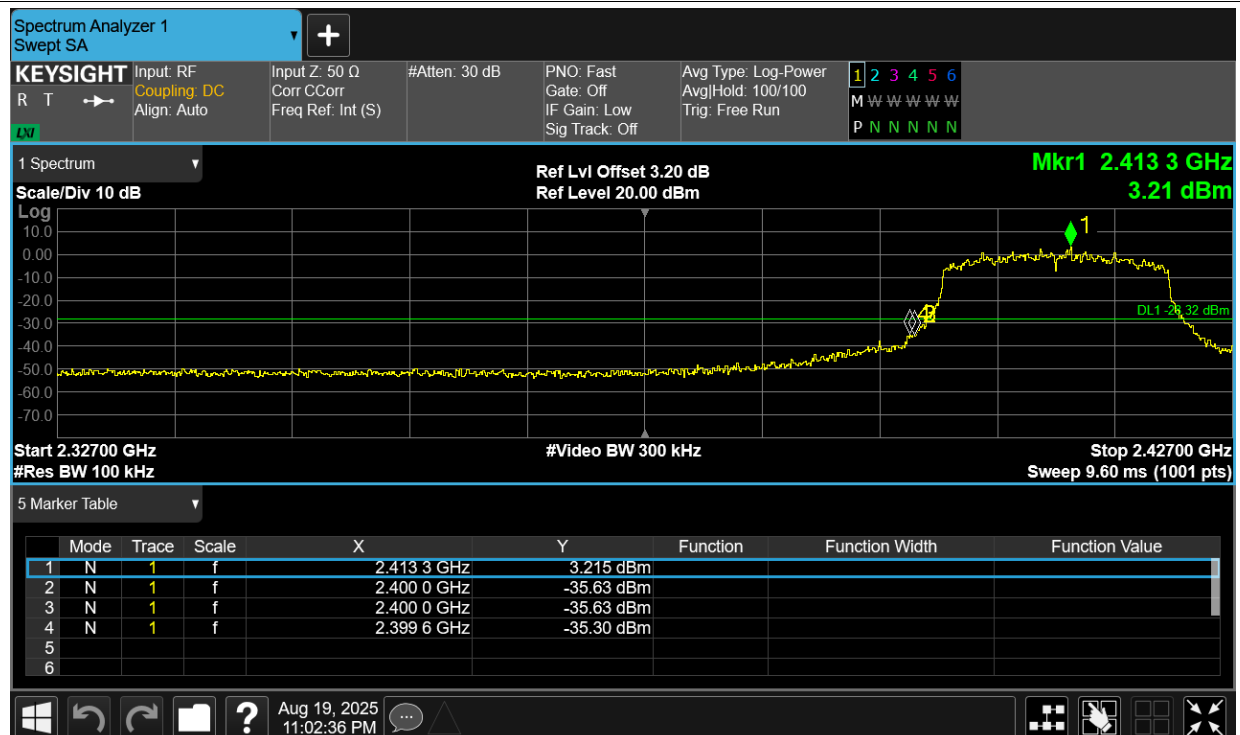
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-36.98	-30	Pass
NVNT	ax20	2462	Ant1	-48.28	-30	Pass
NVNT	b	2412	Ant1	-47.9	-30	Pass
NVNT	b	2462	Ant1	-56.37	-30	Pass
NVNT	g	2412	Ant1	-40.92	-30	Pass
NVNT	g	2462	Ant1	-48.02	-30	Pass
NVNT	n20	2412	Ant1	-38.94	-30	Pass
NVNT	n20	2462	Ant1	-49.65	-30	Pass

Test Graphs

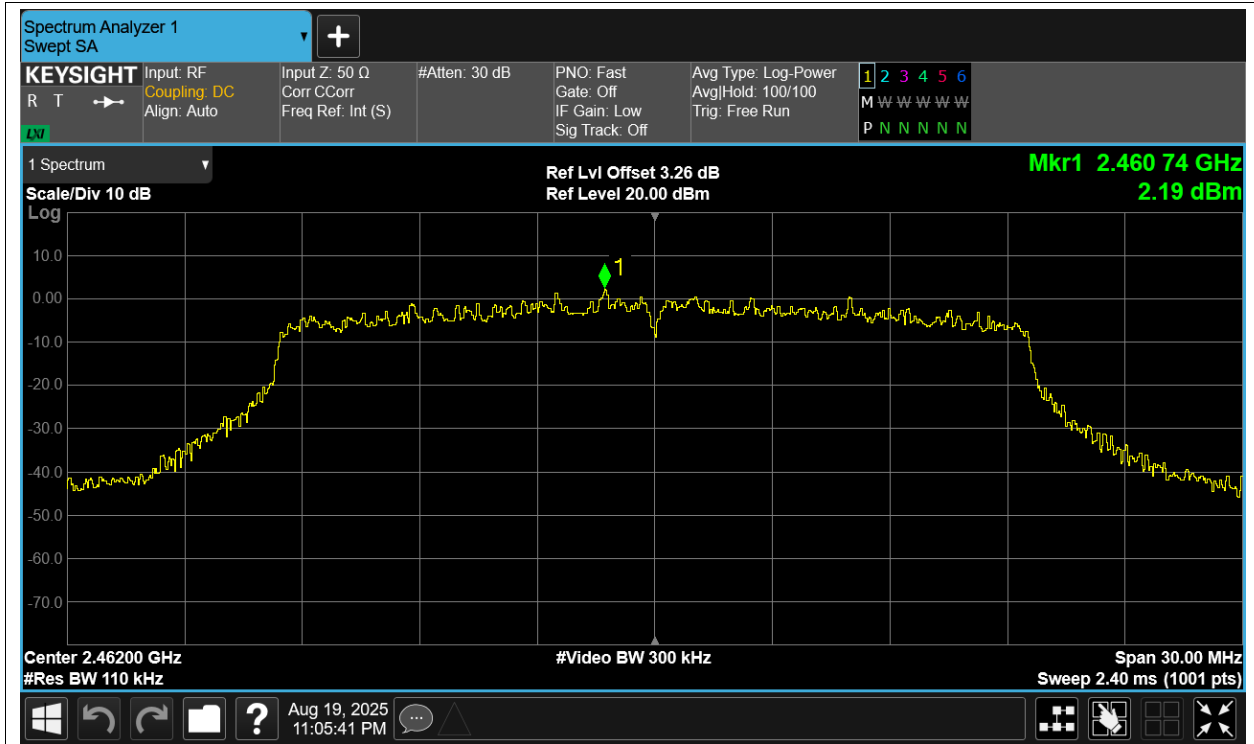
Band Edge NVNT ax20 2412MHz Ant1 Ref



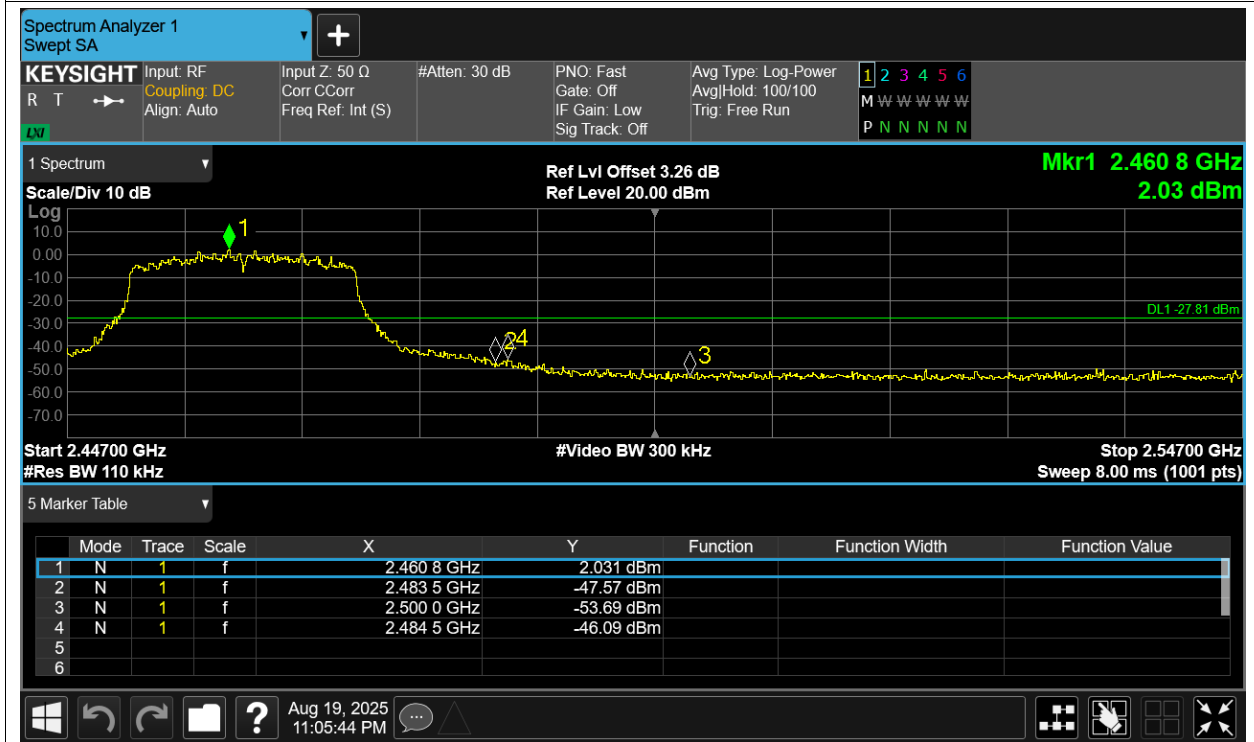
Band Edge NVNT ax20 2412MHz Ant1 Emission



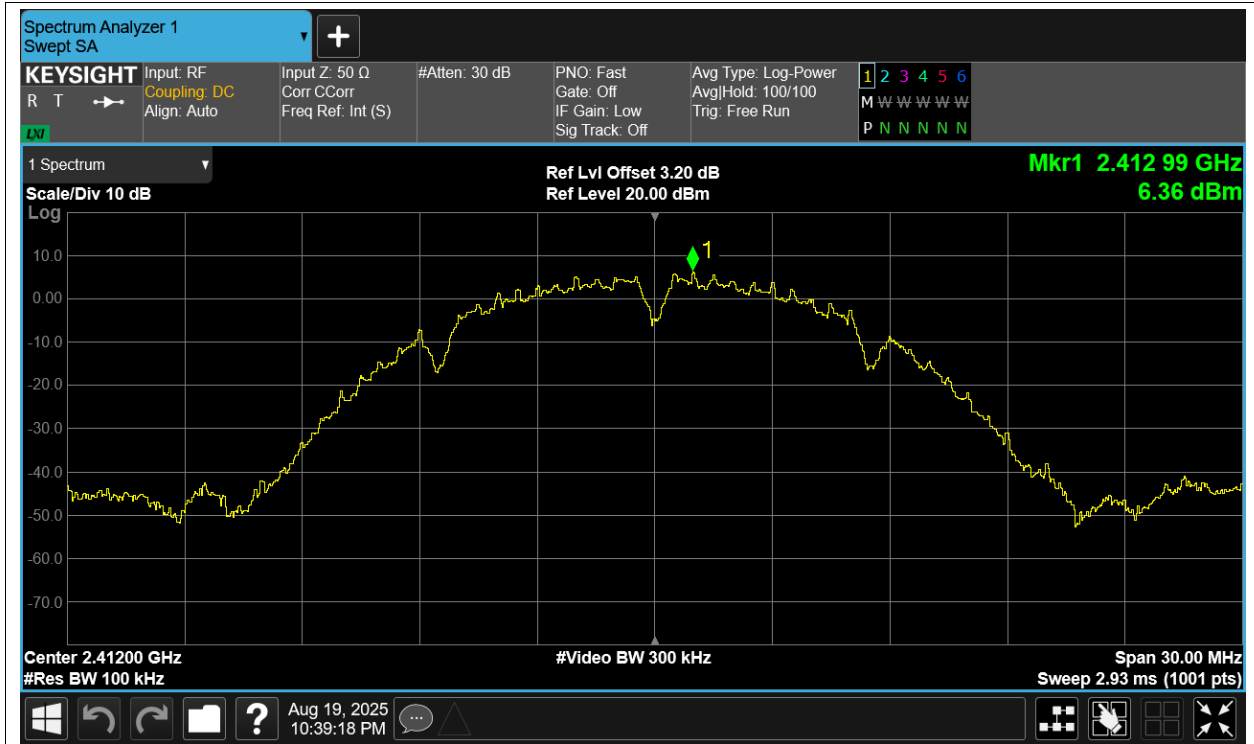
Band Edge NVNT ax20 2462MHz Ant1 Ref



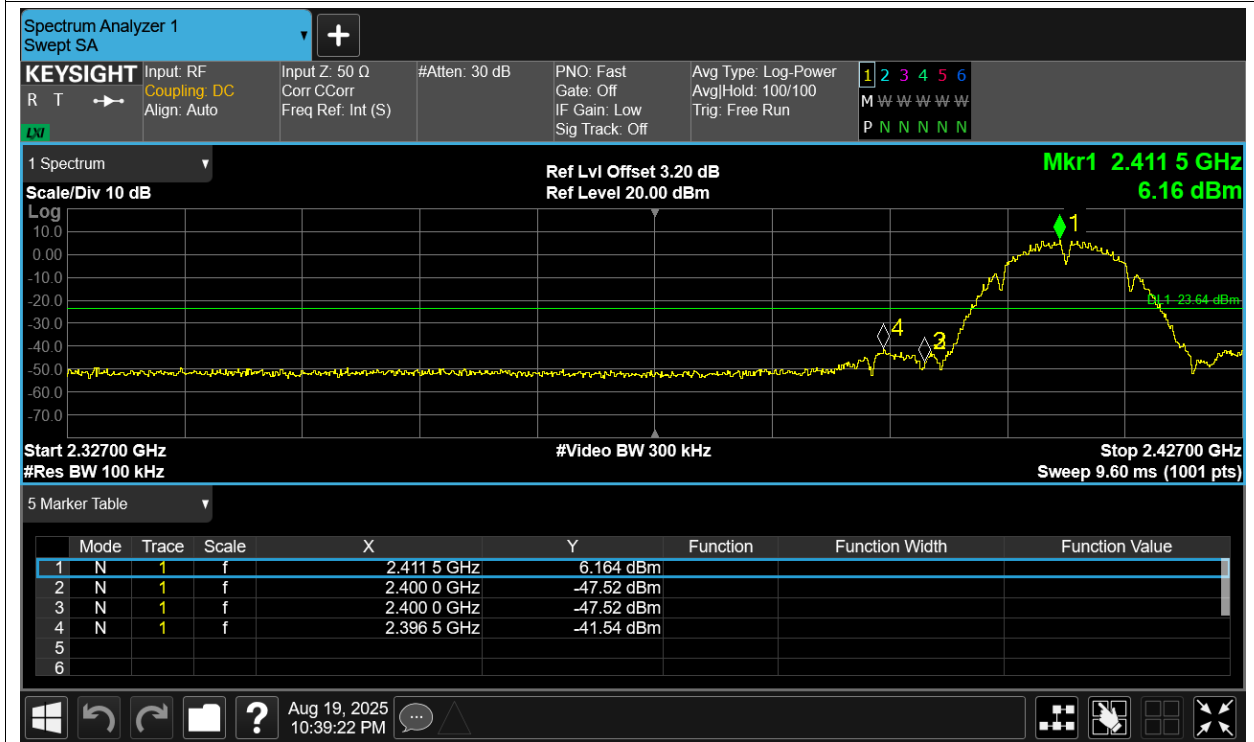
Band Edge NVNT ax20 2462MHz Ant1 Emission



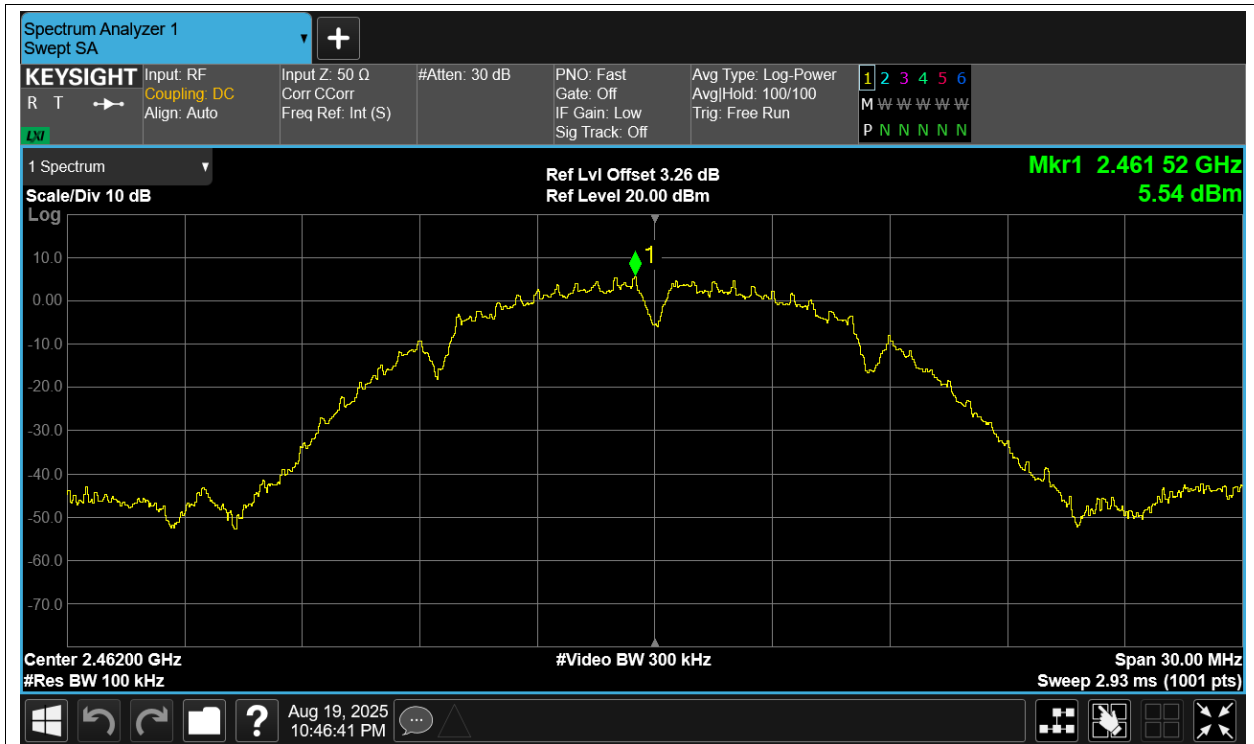
Band Edge NVNT b 2412MHz Ant1 Ref



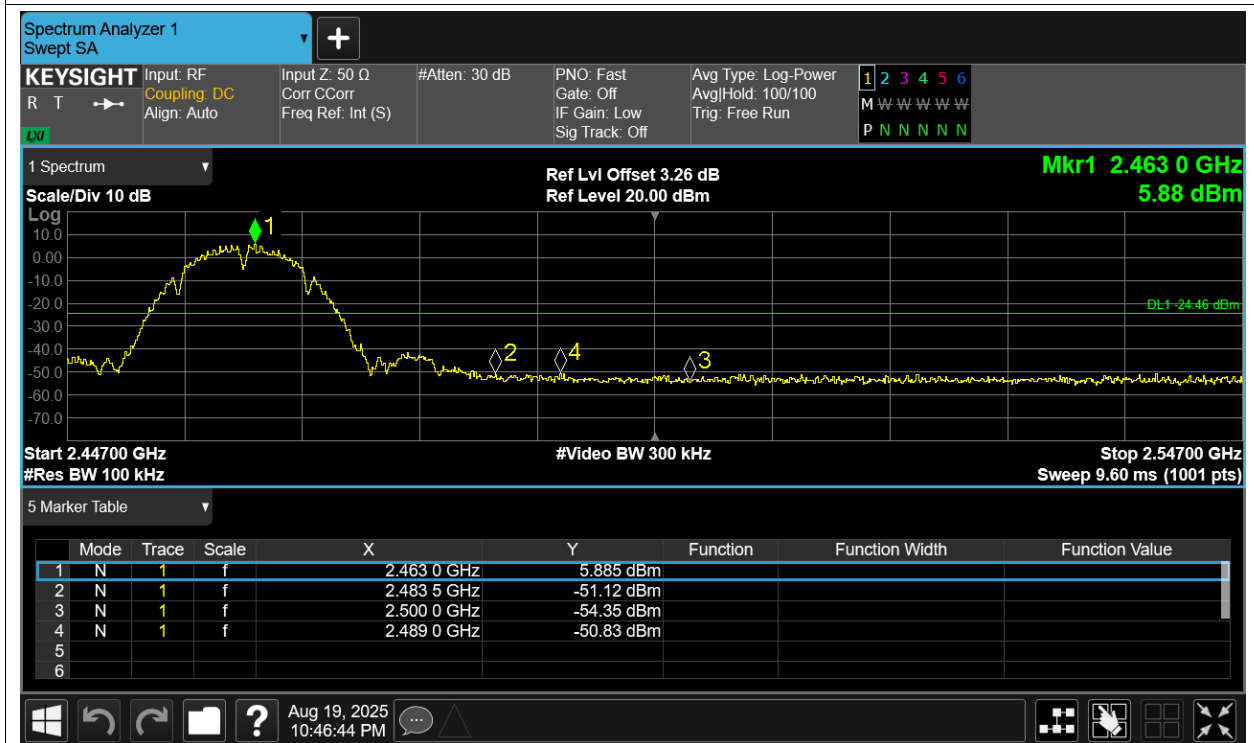
Band Edge NVNT b 2412MHz Ant1 Emission



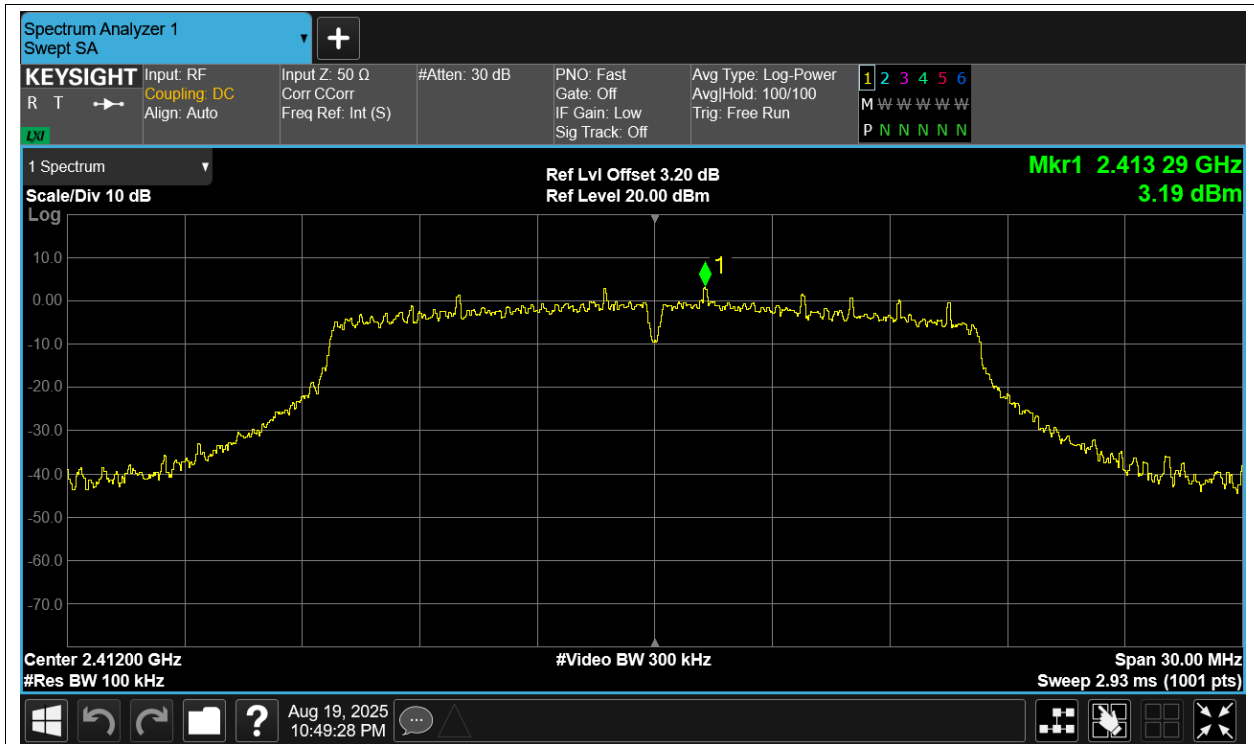
Band Edge NVNT b 2462MHz Ant1 Ref



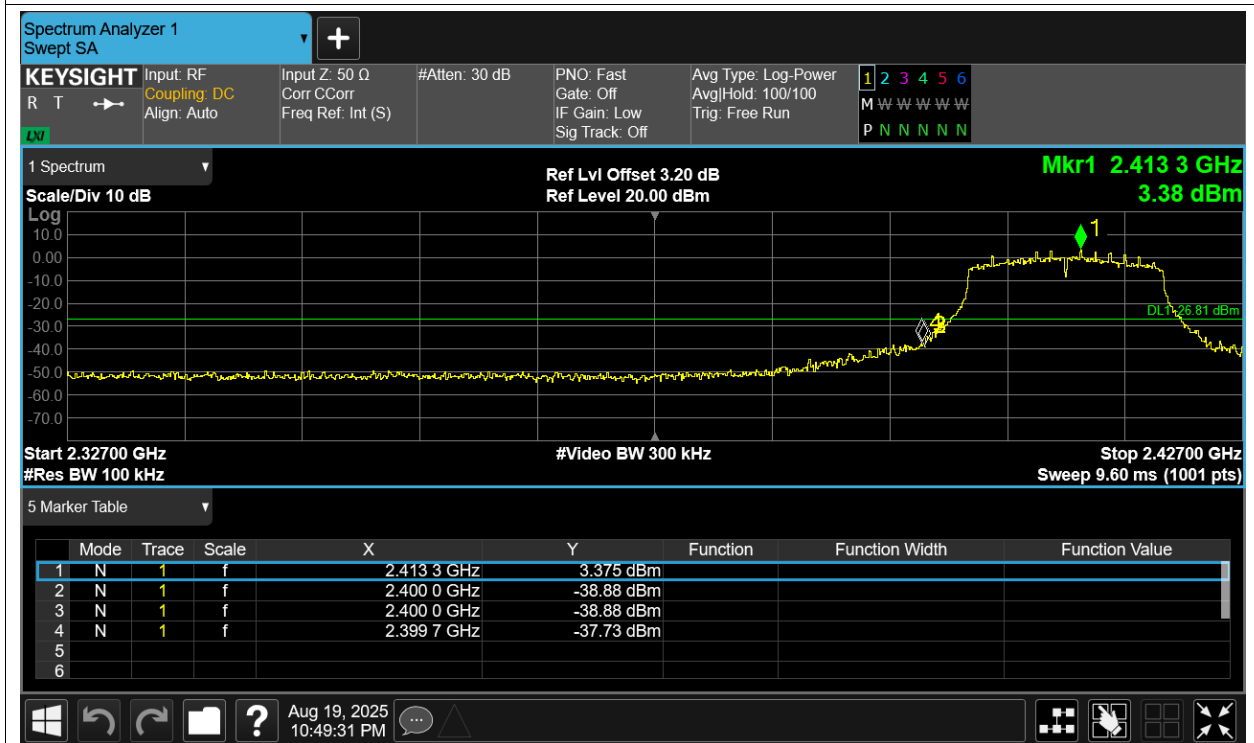
Band Edge NVNT b 2462MHz Ant1 Emission



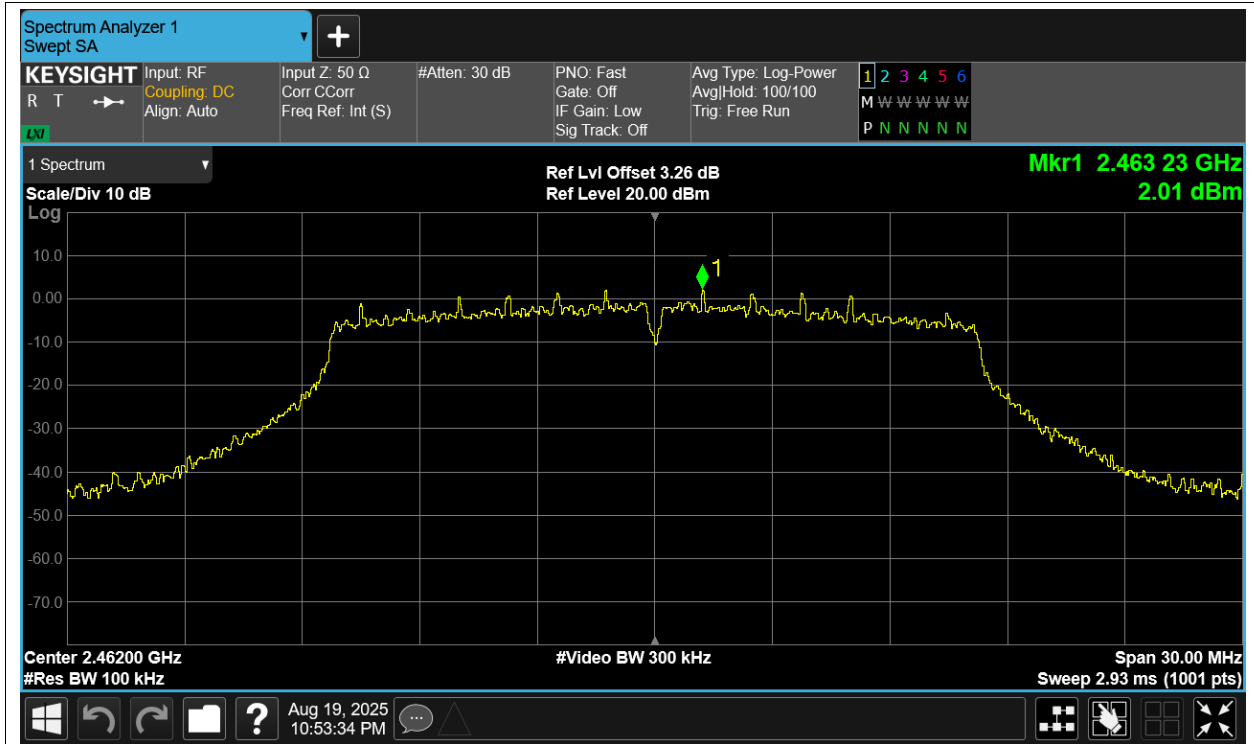
Band Edge NVNT g 2412MHz Ant1 Ref



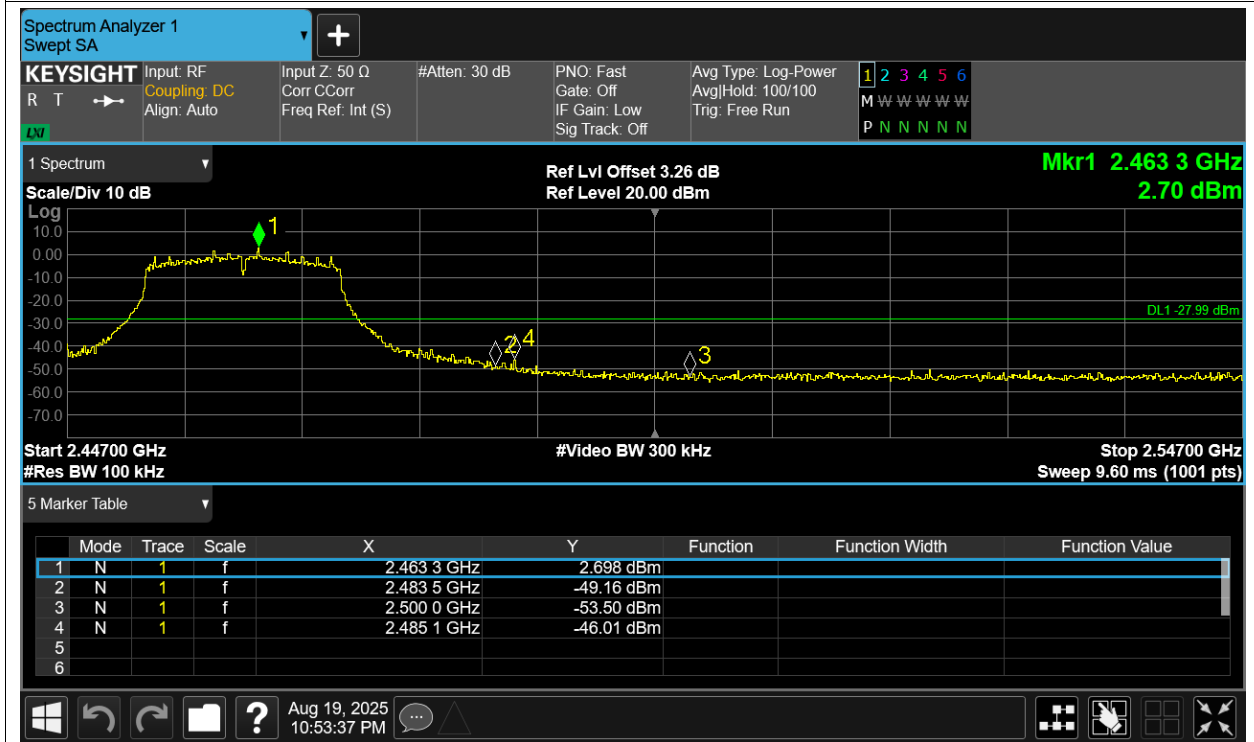
Band Edge NVNT g 2412MHz Ant1 Emission



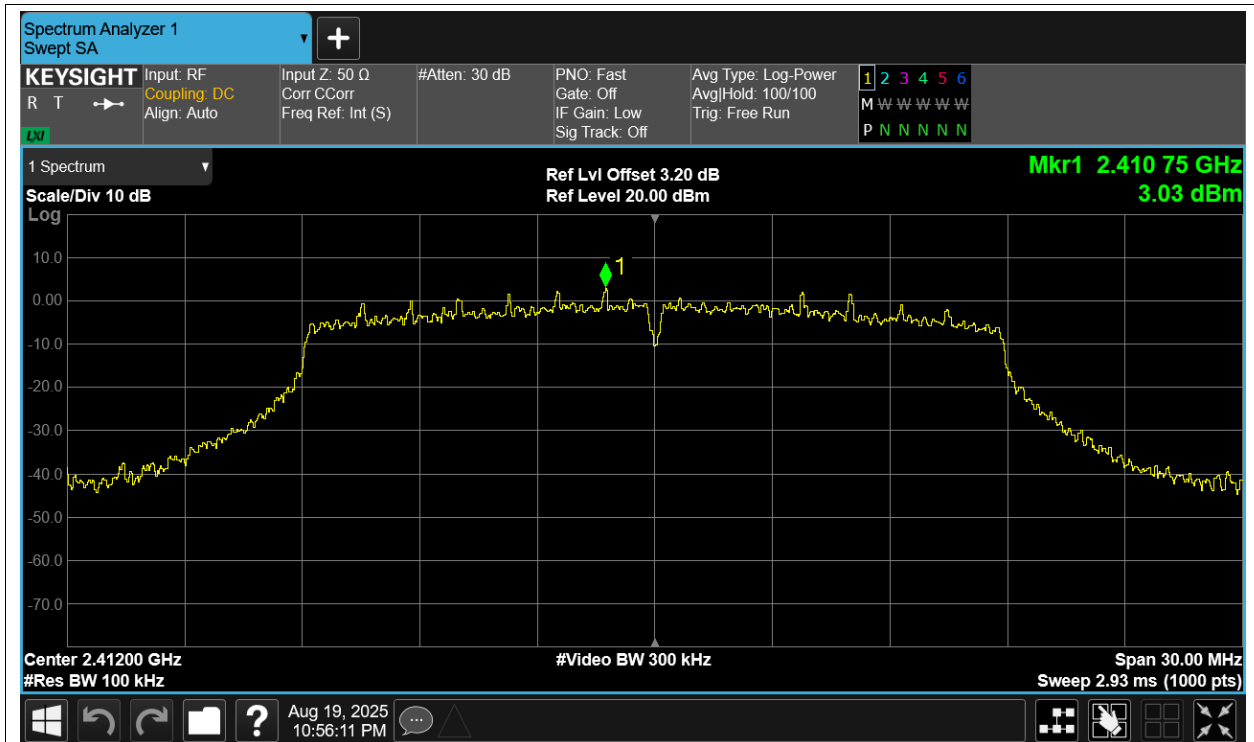
Band Edge NVNT g 2462MHz Ant1 Ref



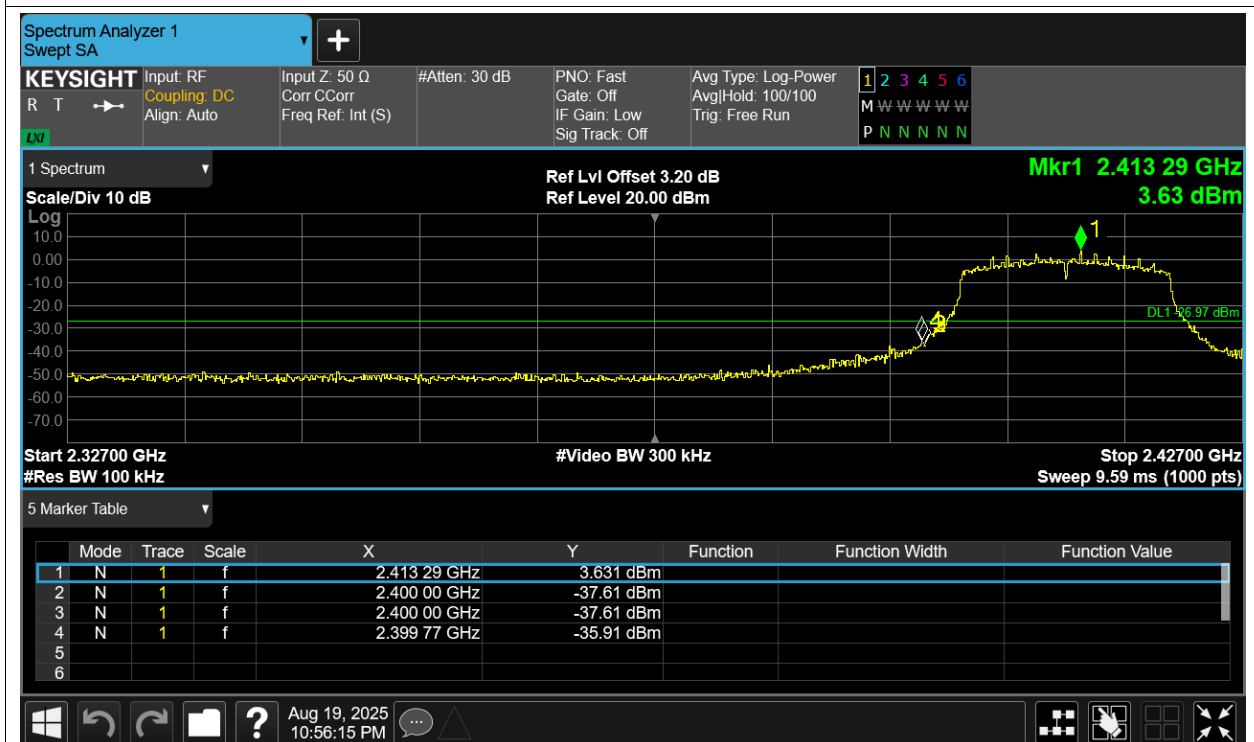
Band Edge NVNT g 2462MHz Ant1 Emission



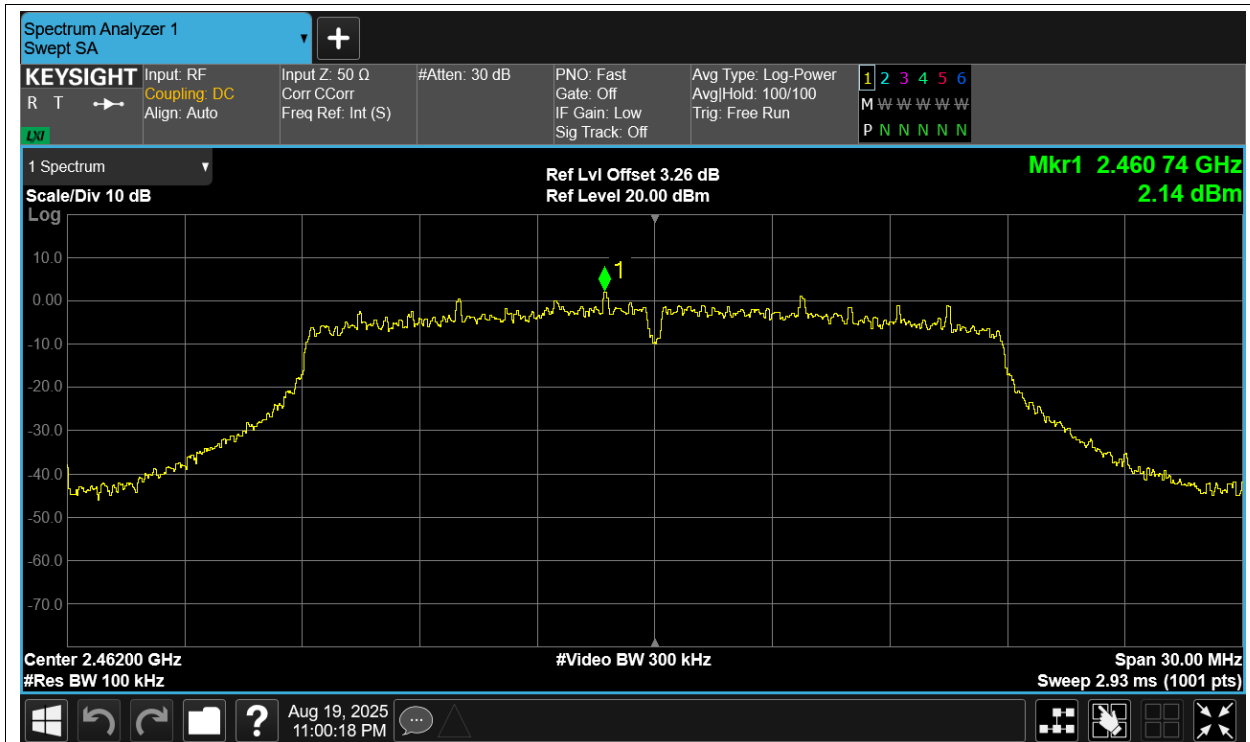
Band Edge NVNT n20 2412MHz Ant1 Ref



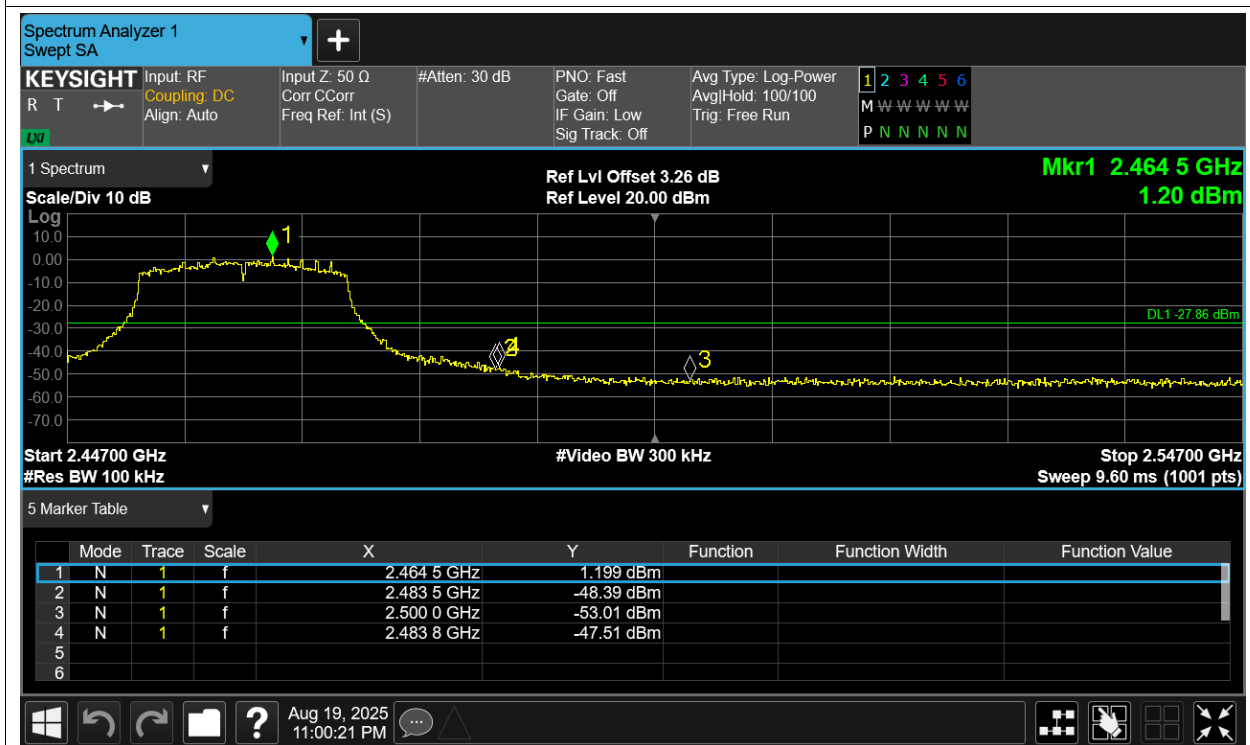
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission

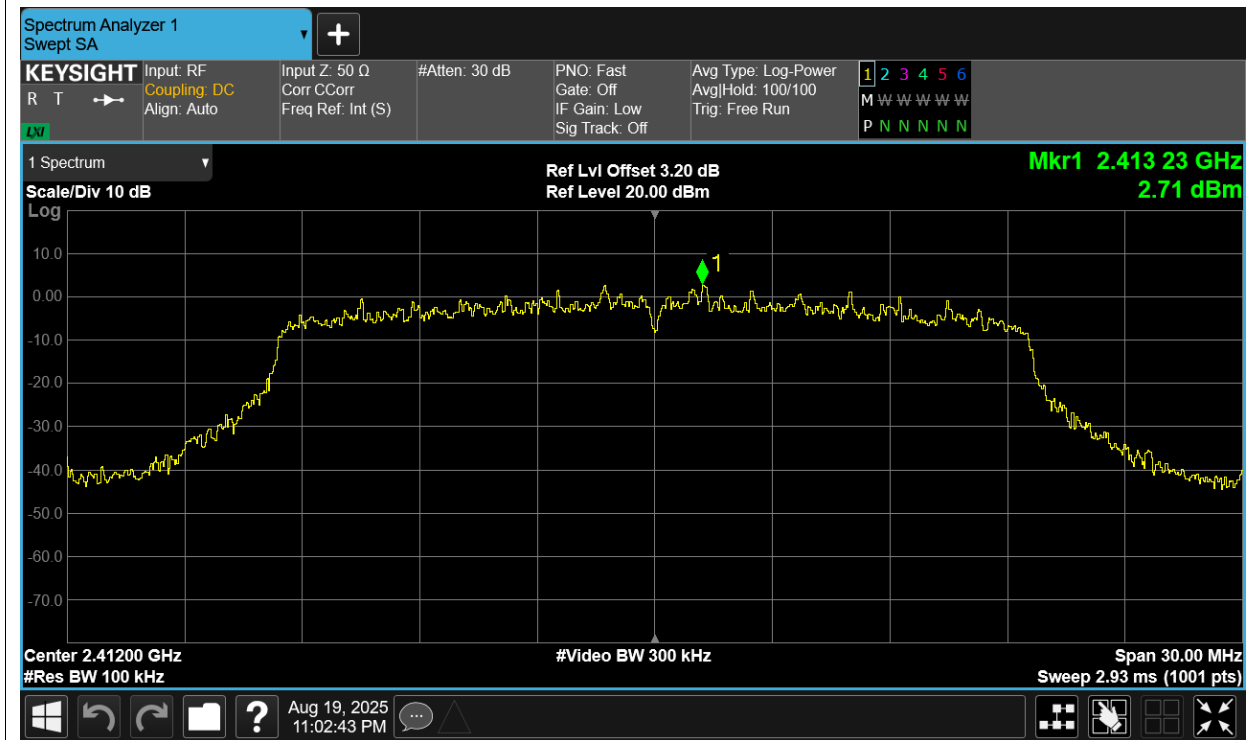


Conducted RF Spurious Emission

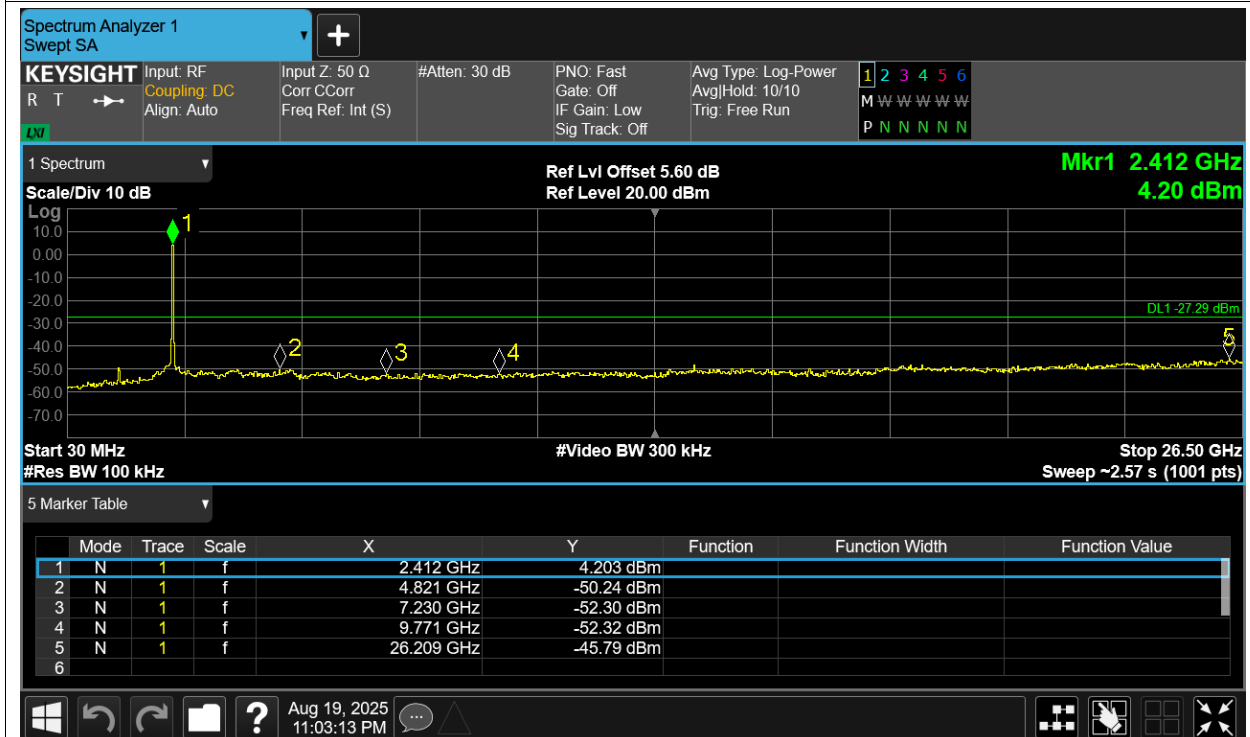
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-48.5	-30	Pass
NVNT	ax20	2437	Ant1	-48.74	-30	Pass
NVNT	ax20	2462	Ant1	-46.88	-30	Pass
NVNT	b	2412	Ant1	-46.53	-30	Pass
NVNT	b	2437	Ant1	-47.66	-30	Pass
NVNT	b	2462	Ant1	-48.29	-30	Pass
NVNT	g	2412	Ant1	-47.94	-30	Pass
NVNT	g	2437	Ant1	-48.61	-30	Pass
NVNT	g	2462	Ant1	-46.86	-30	Pass
NVNT	n20	2412	Ant1	-48.21	-30	Pass
NVNT	n20	2437	Ant1	-48.84	-30	Pass
NVNT	n20	2462	Ant1	-48.39	-30	Pass

Test Graphs

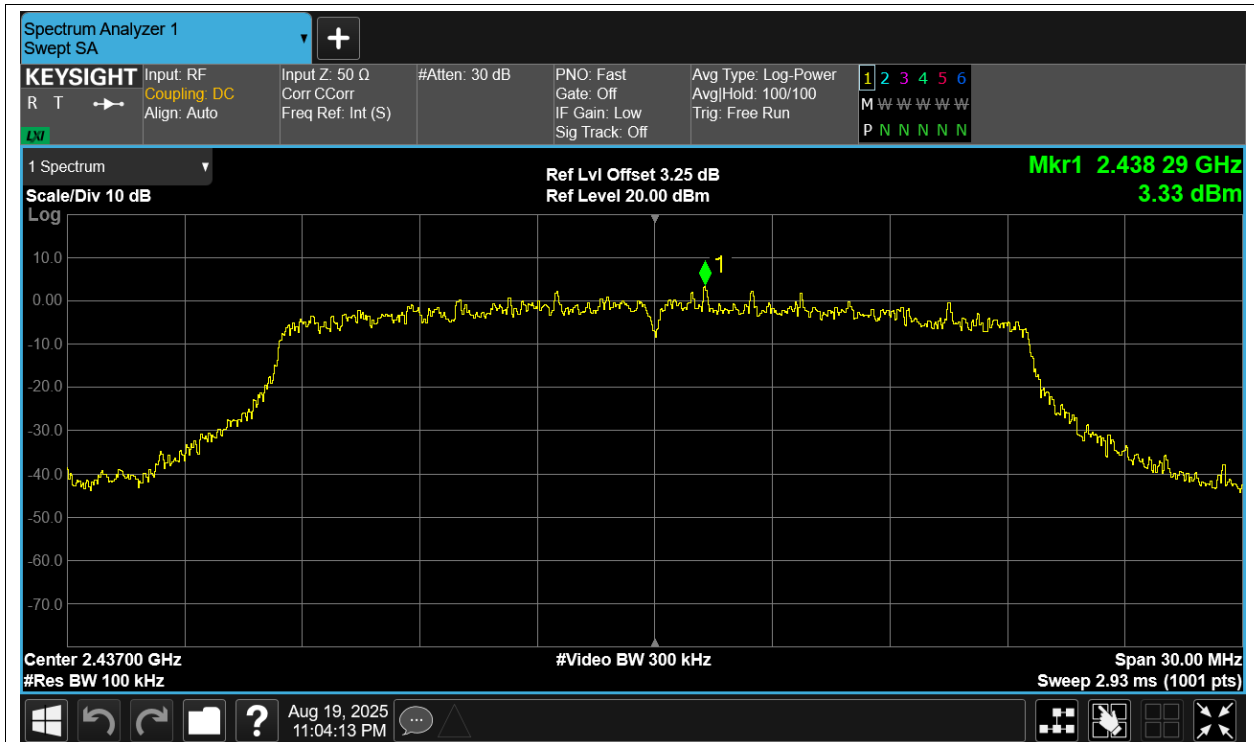
Tx. Spurious NVNT ax20 2412MHz Ant1 Ref



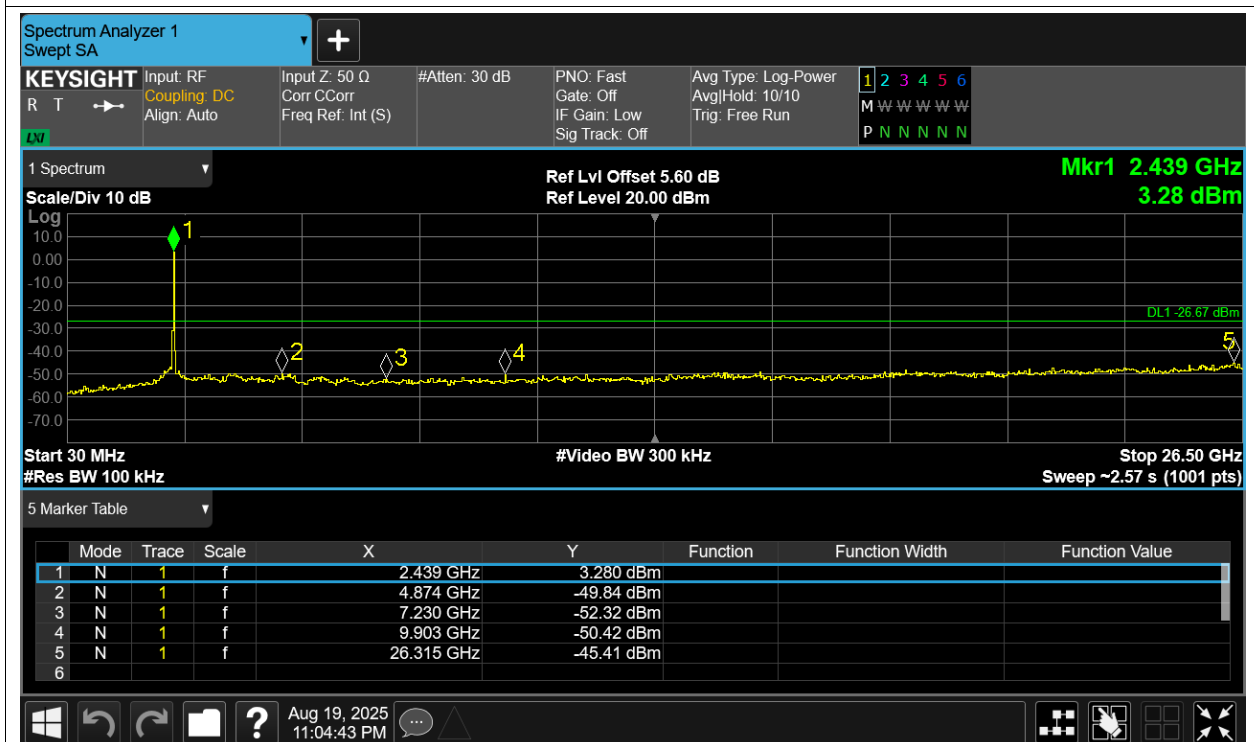
Tx. Spurious NVNT ax20 2412MHz Ant1 Emission



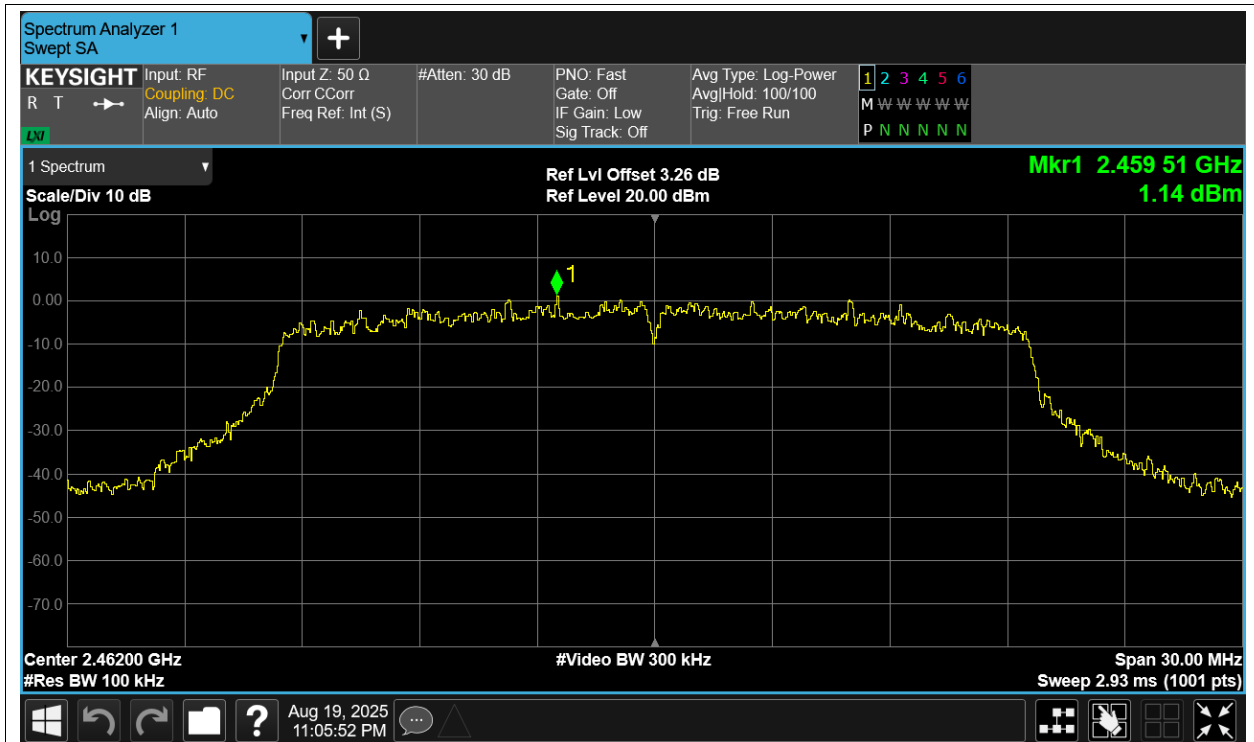
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



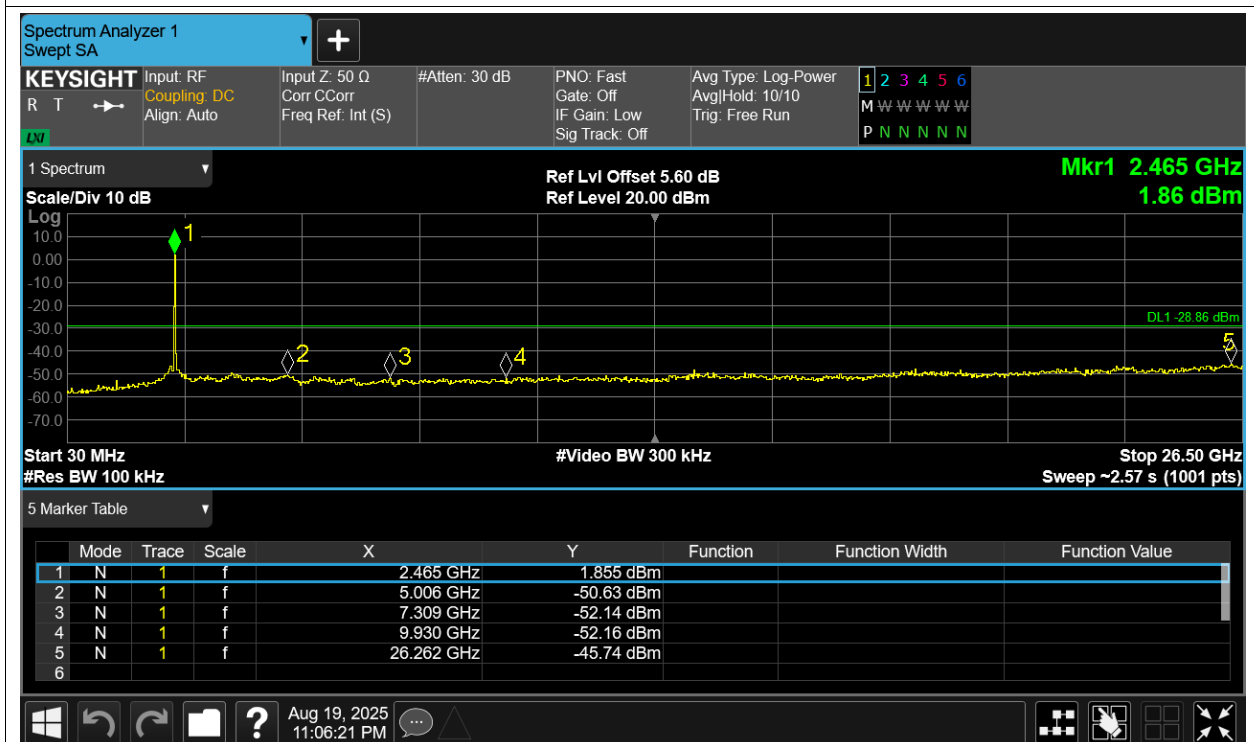
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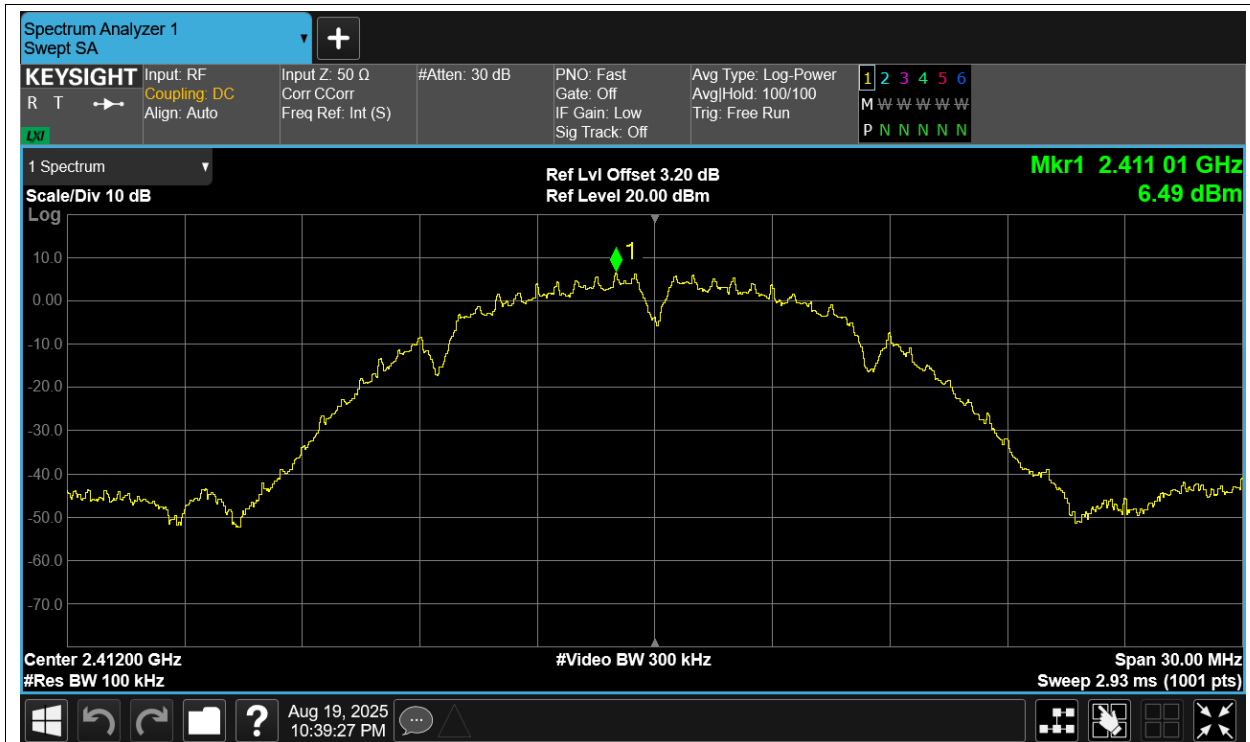
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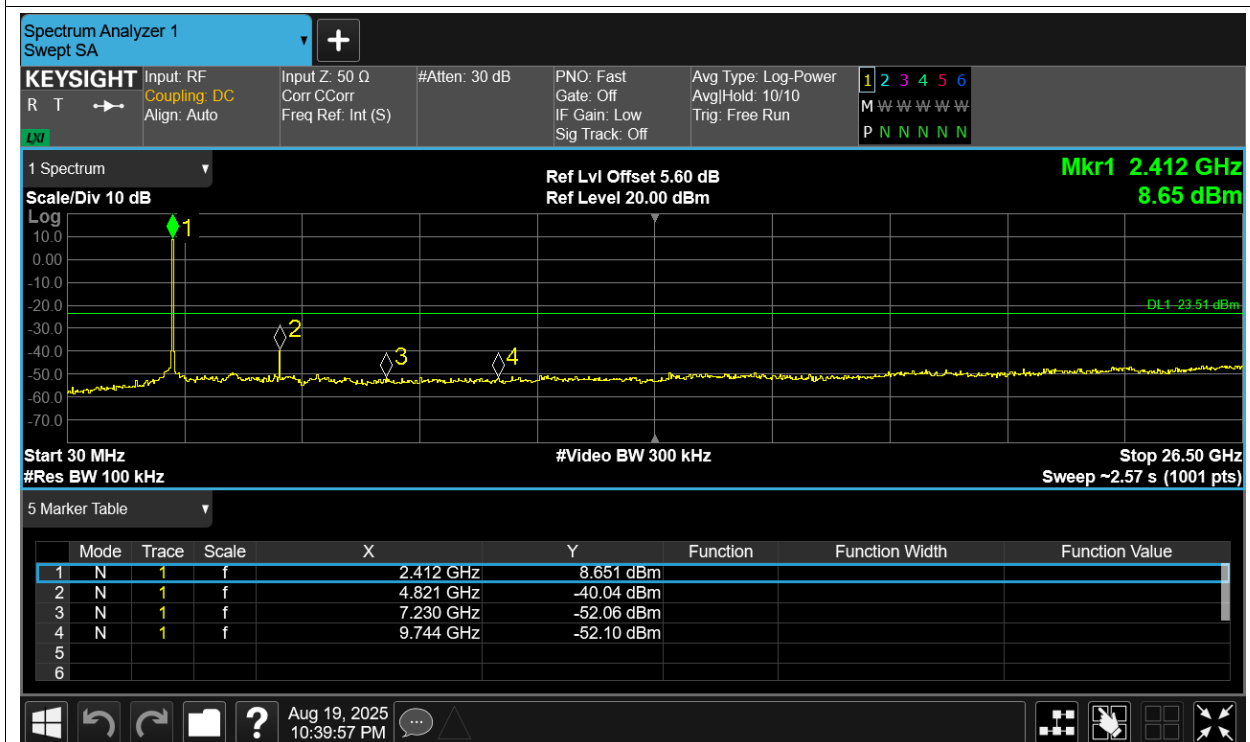
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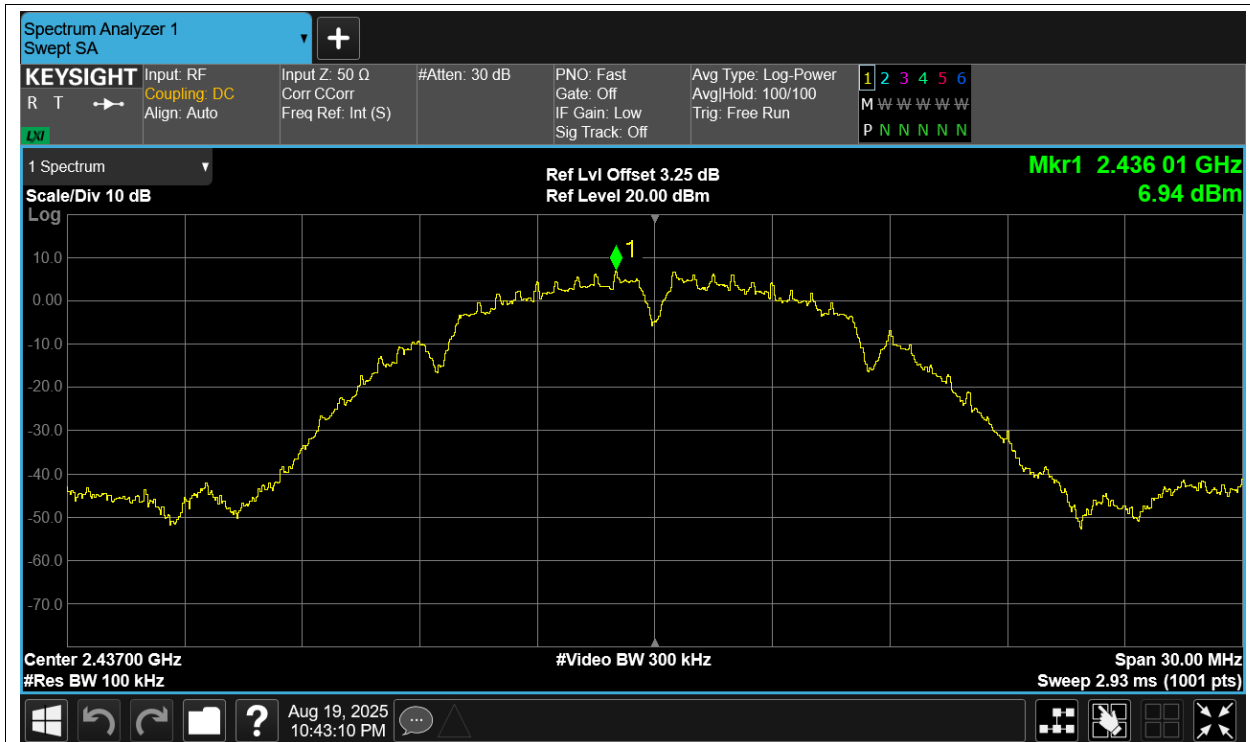
Tx. Spurious NVNT b 2412MHz Ant1 Ref



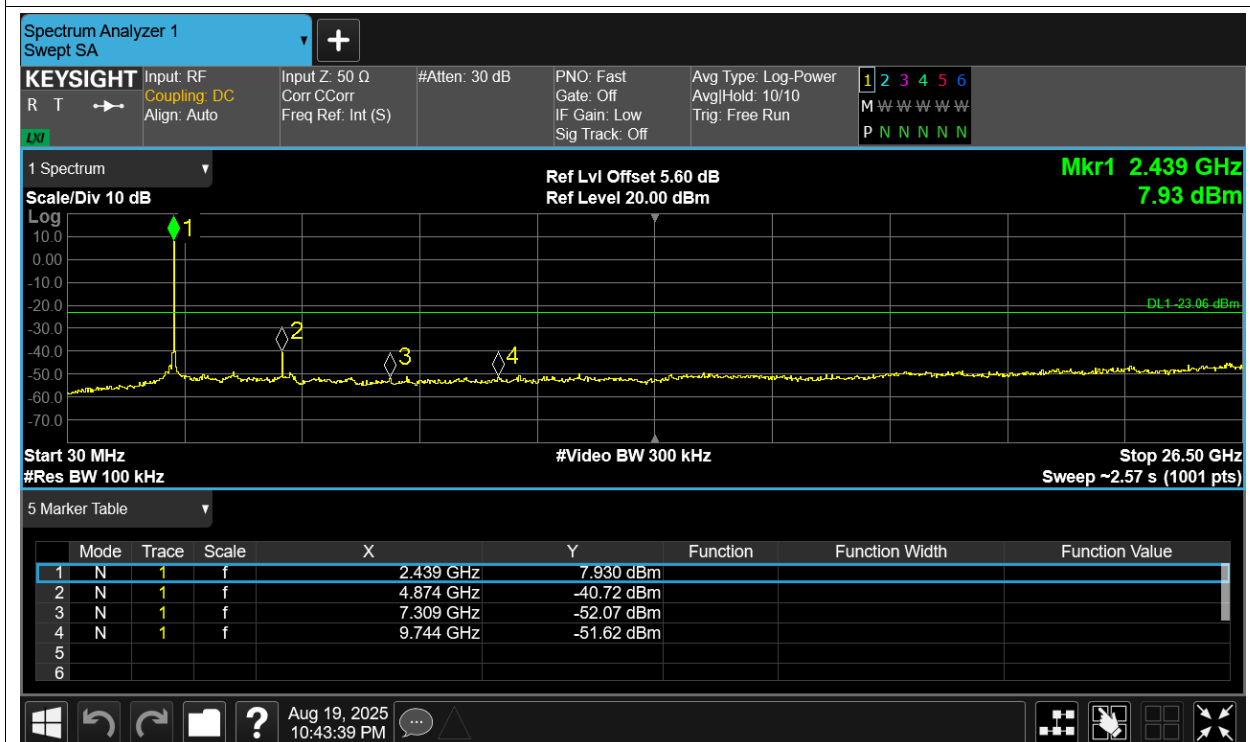
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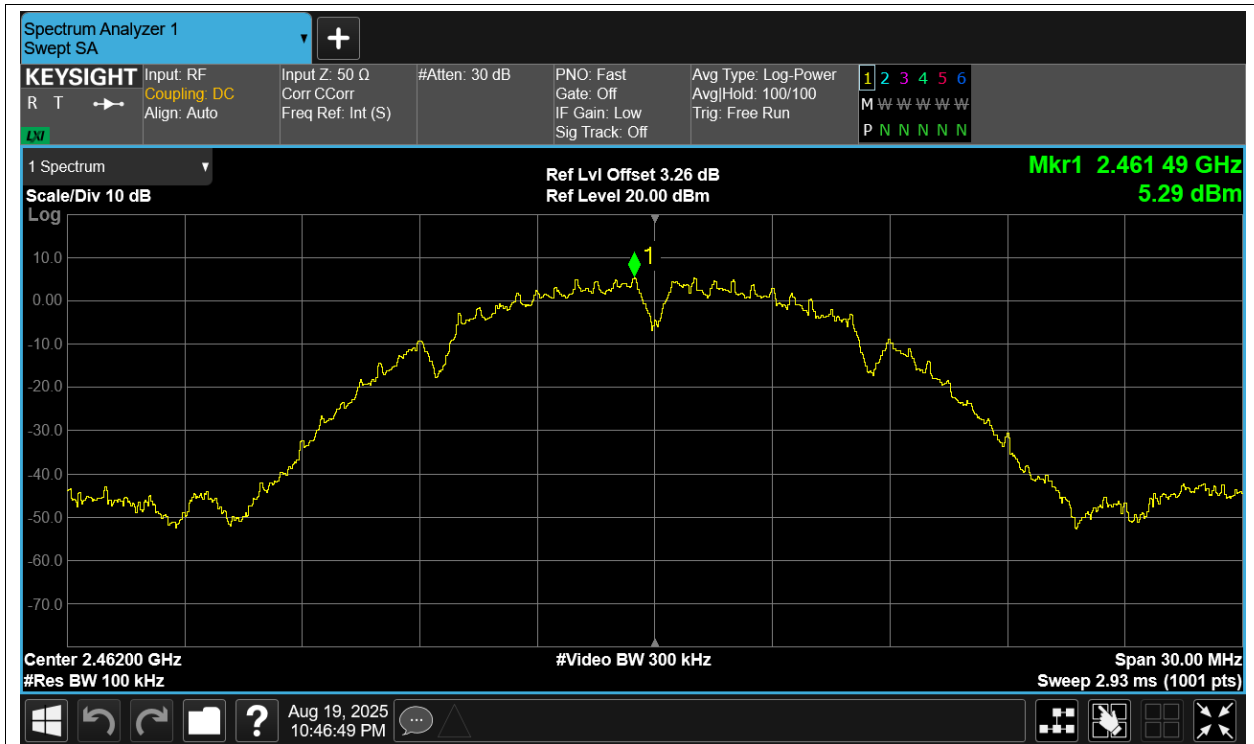
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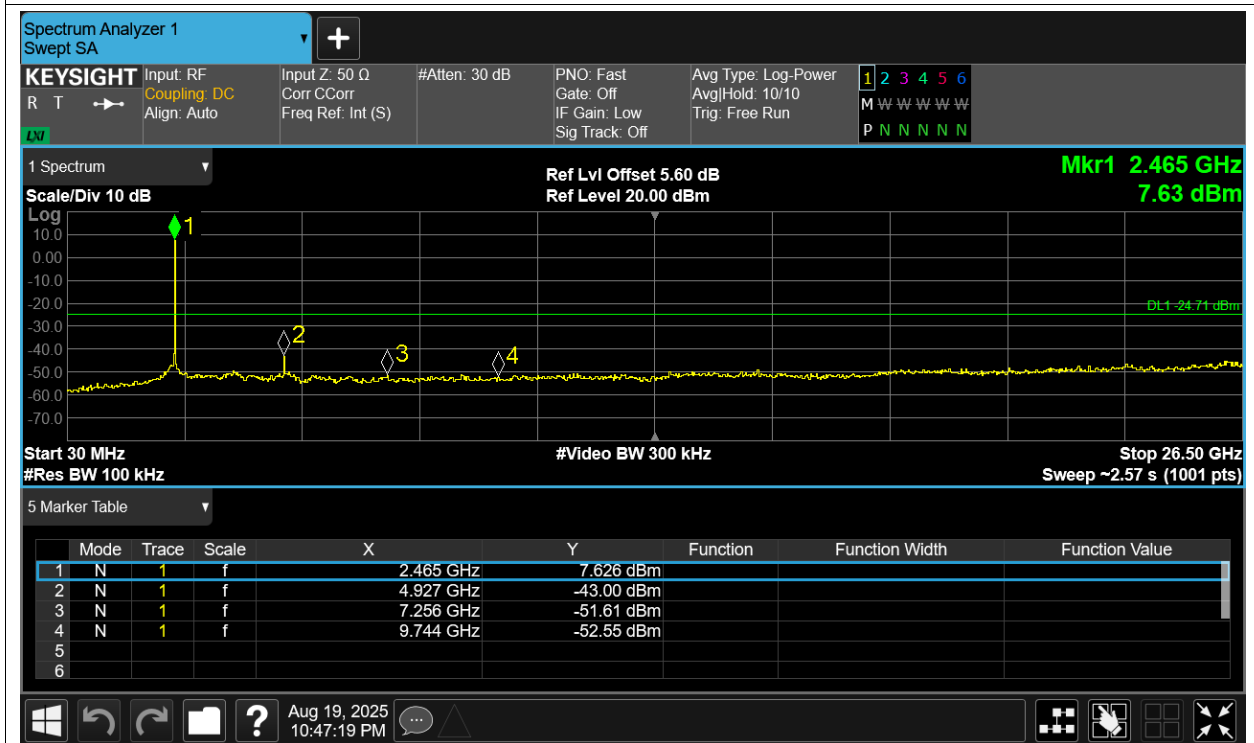
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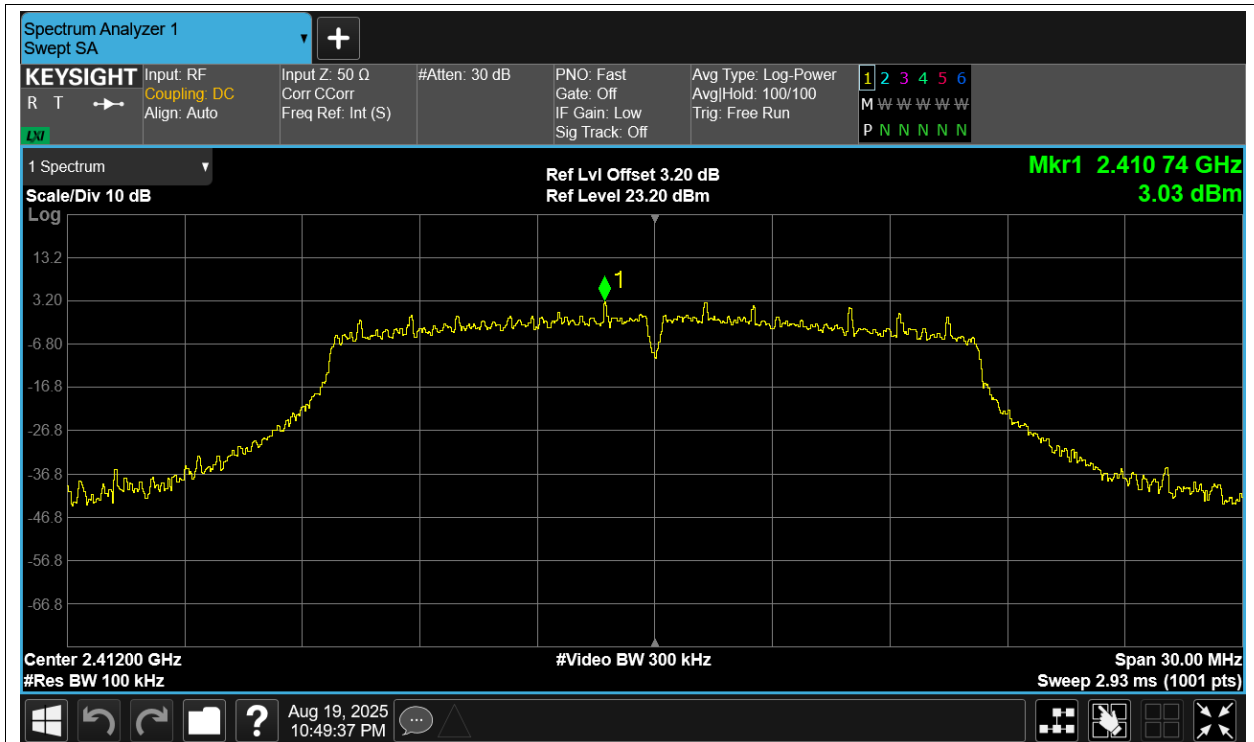
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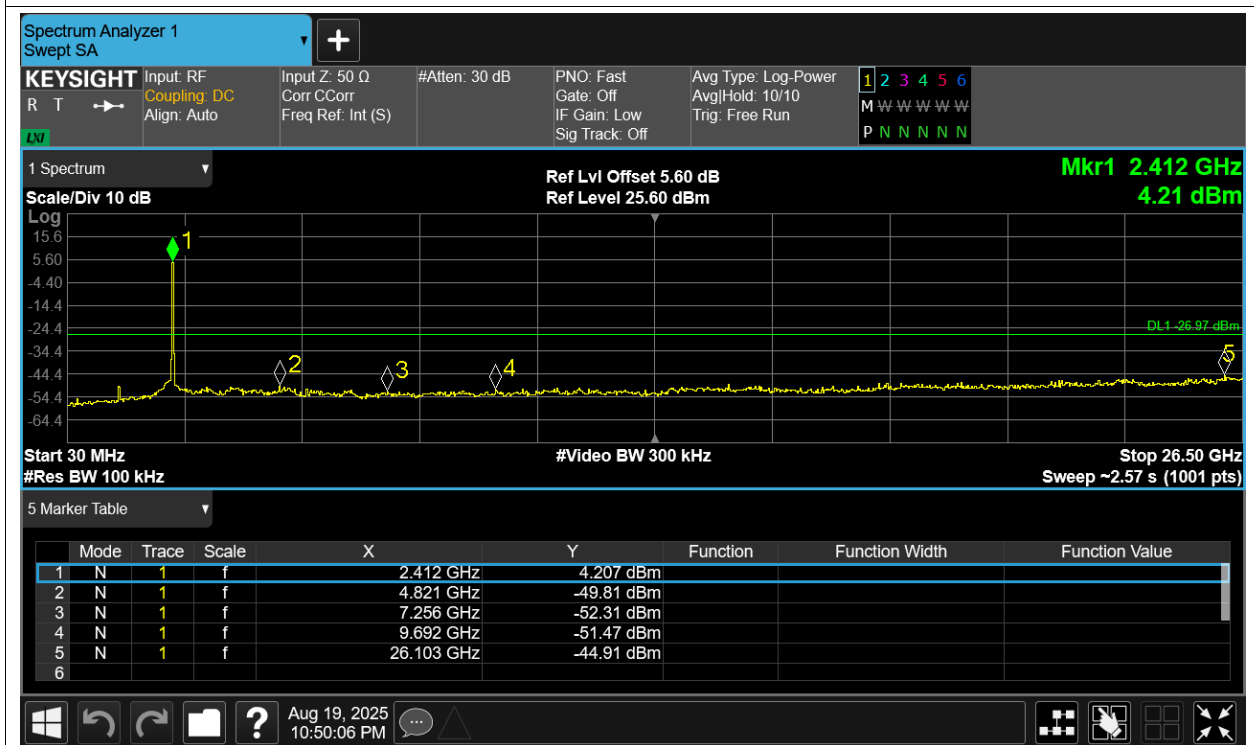
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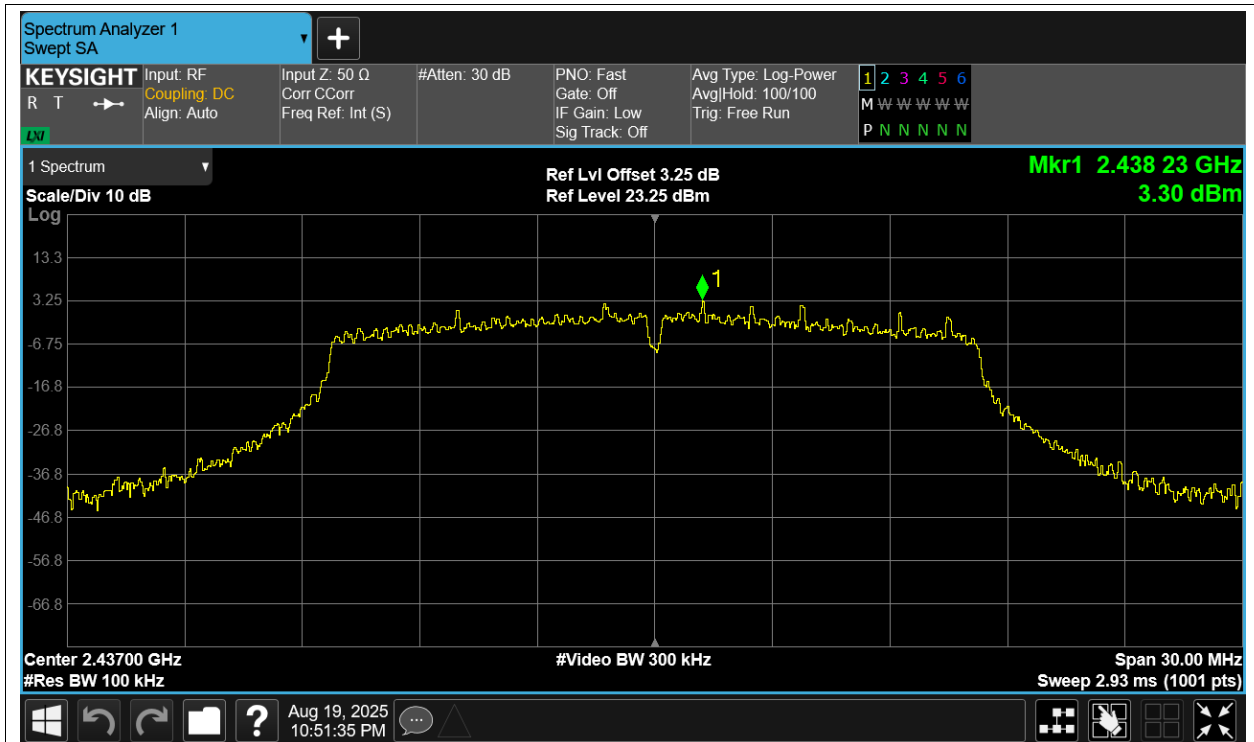
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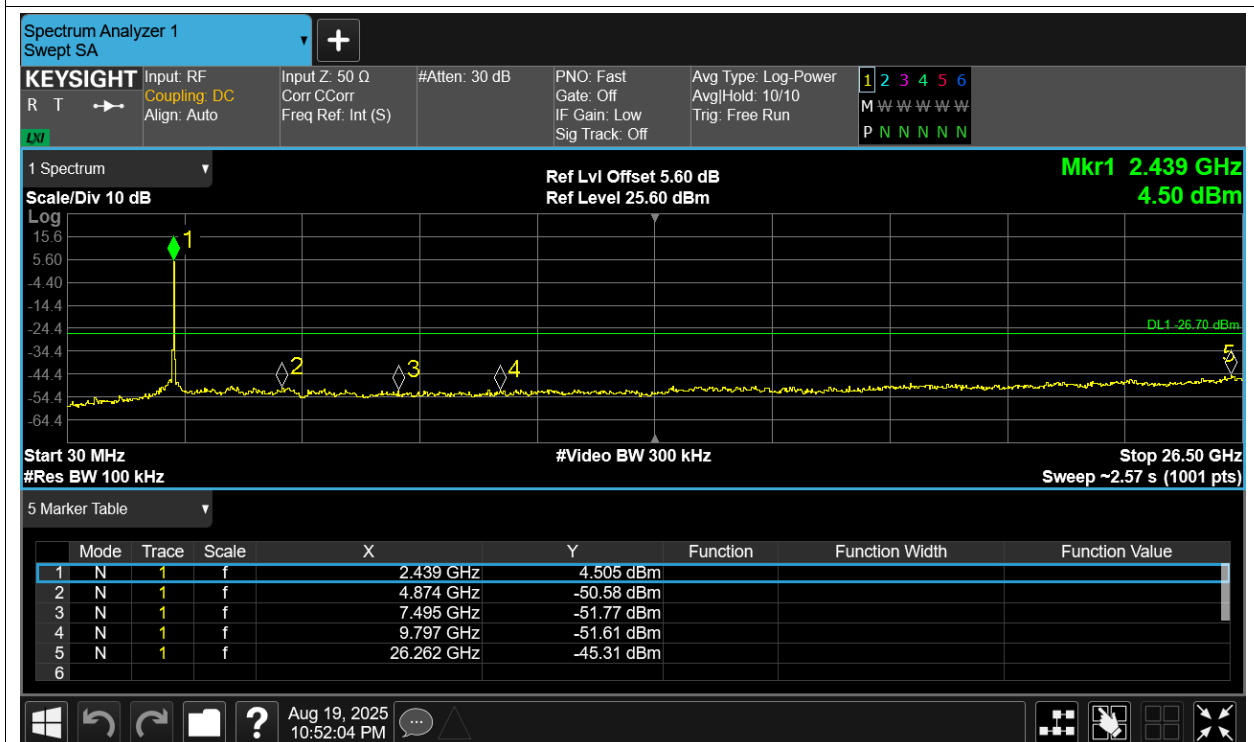
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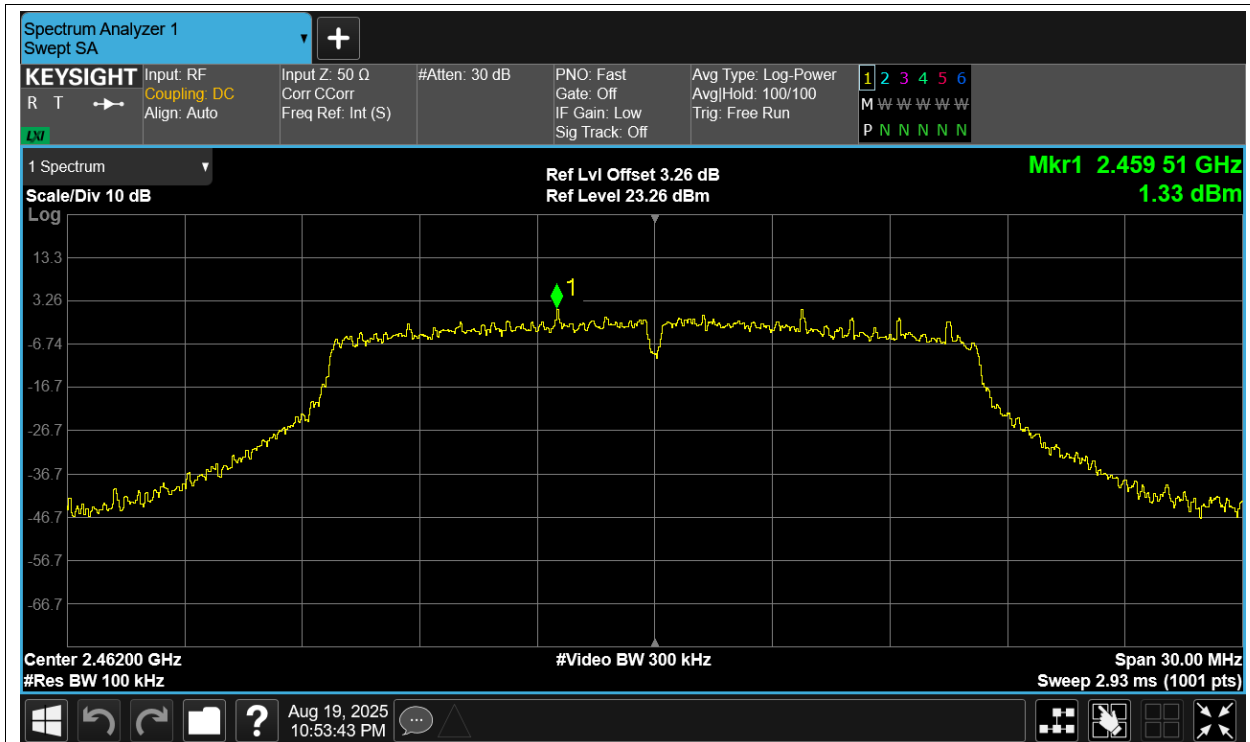
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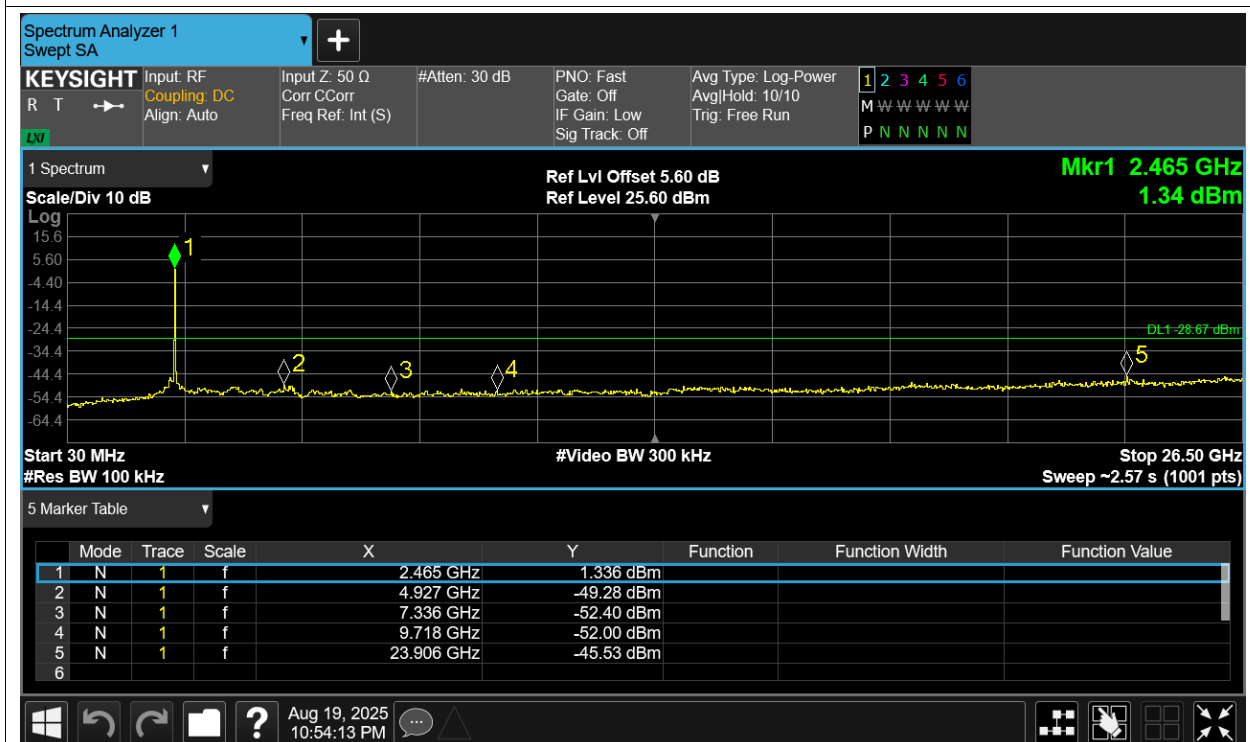
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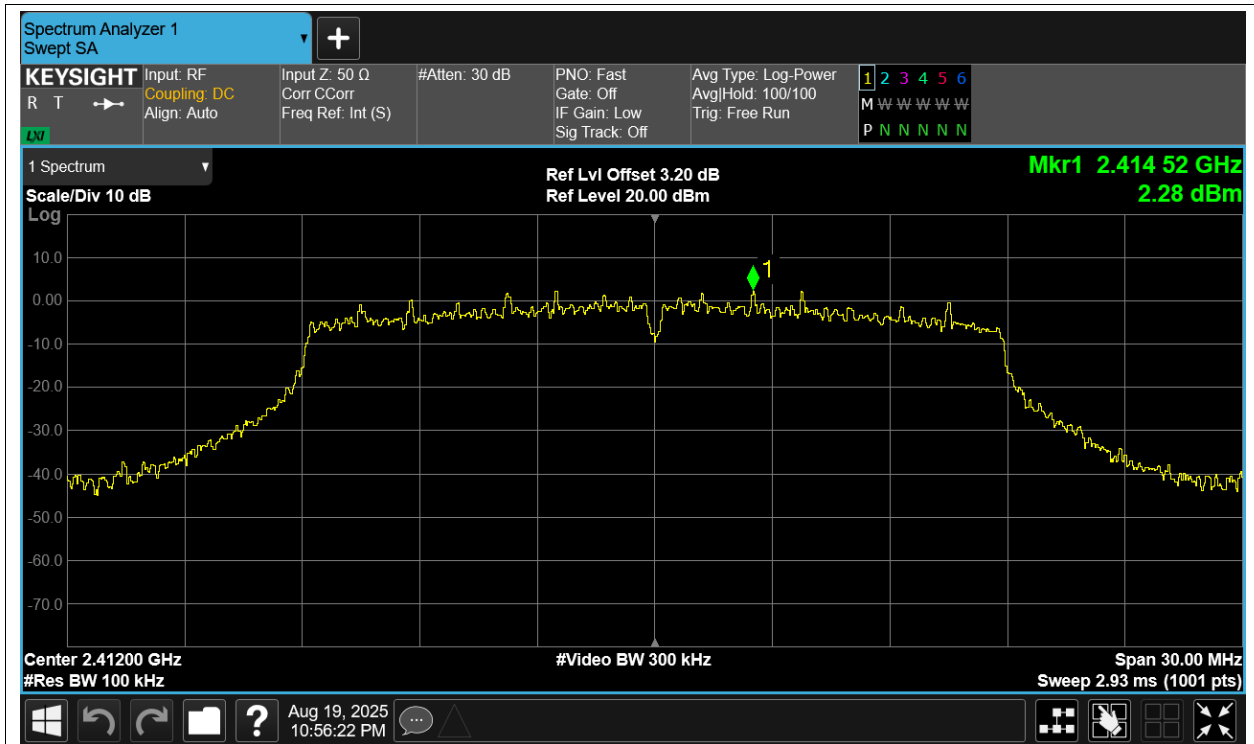
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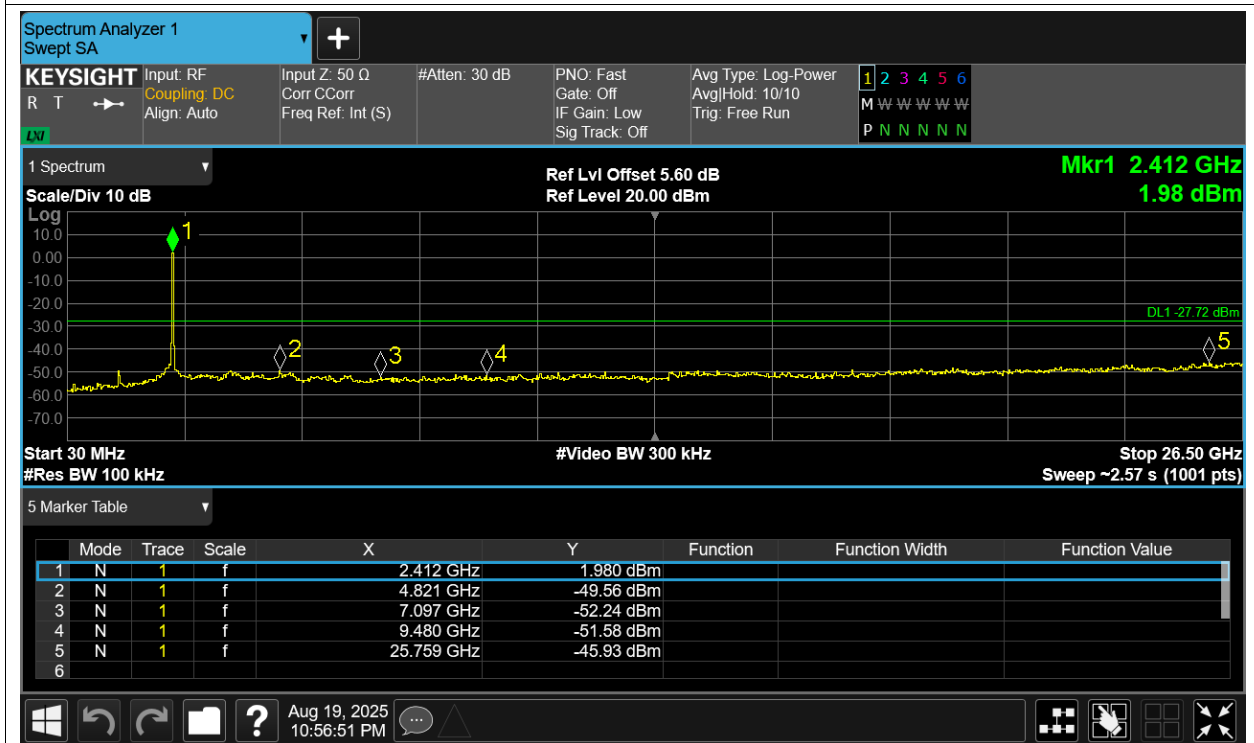
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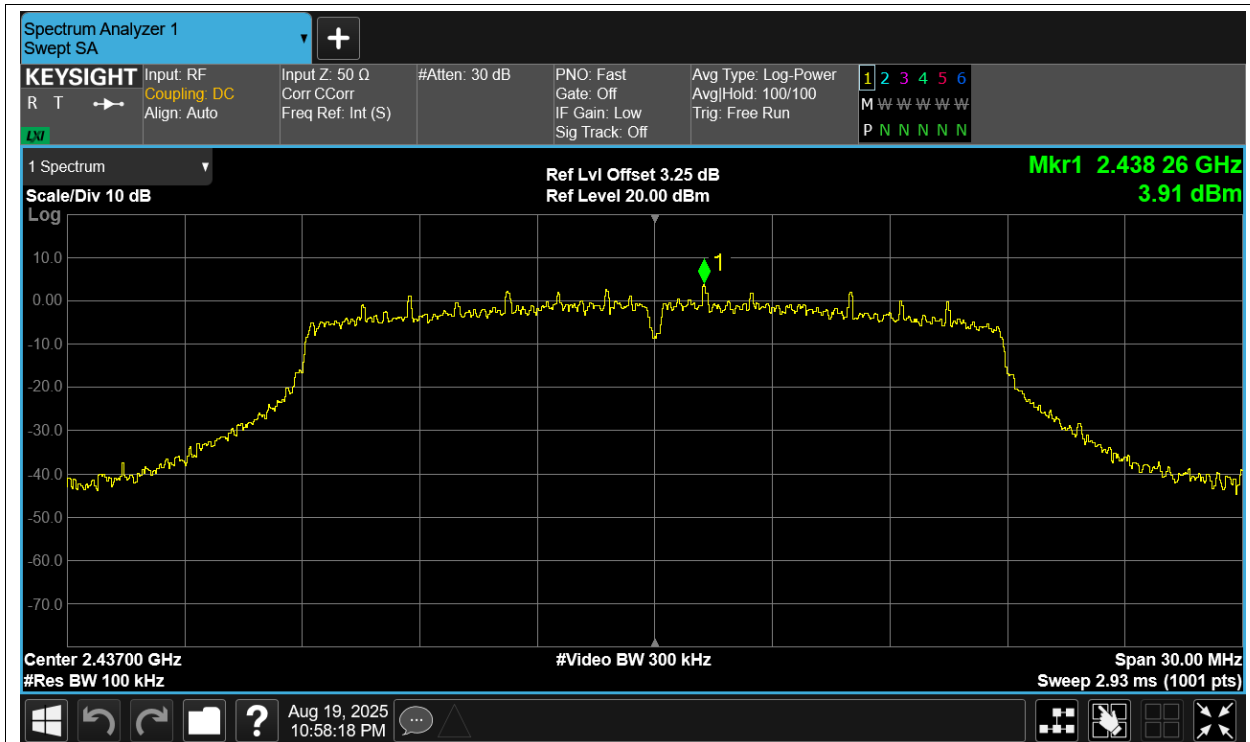
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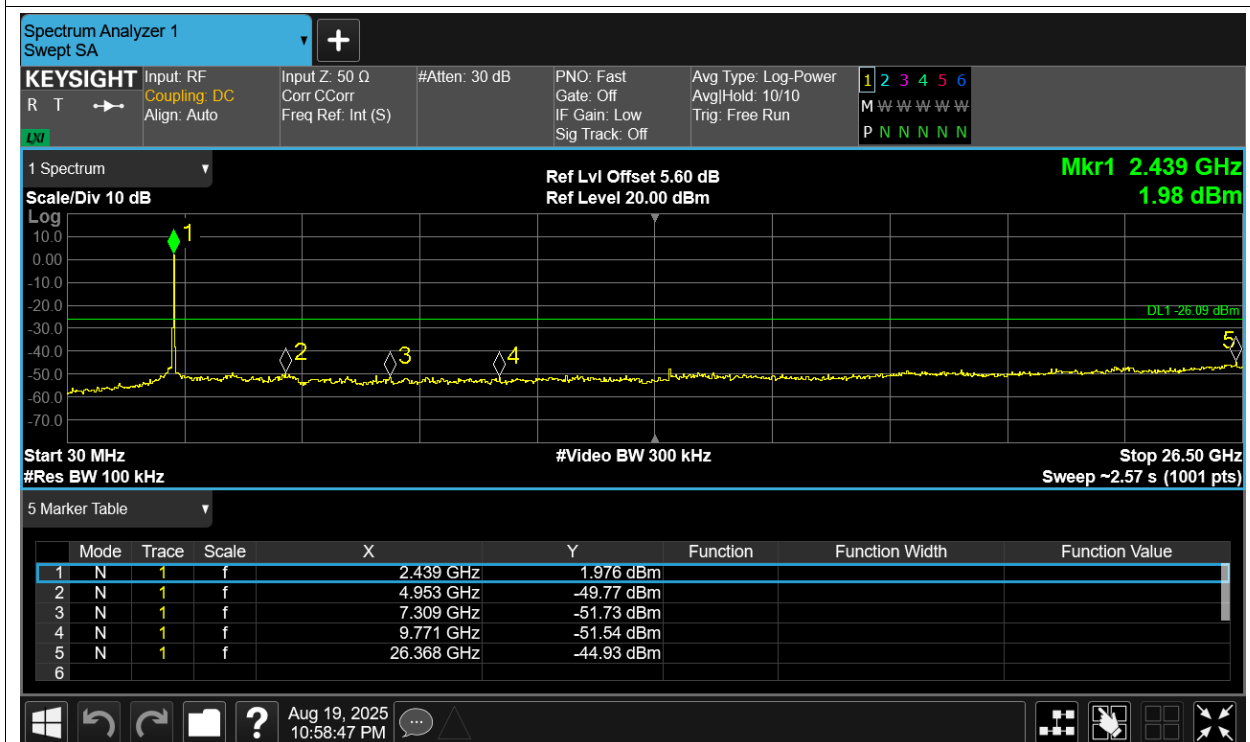
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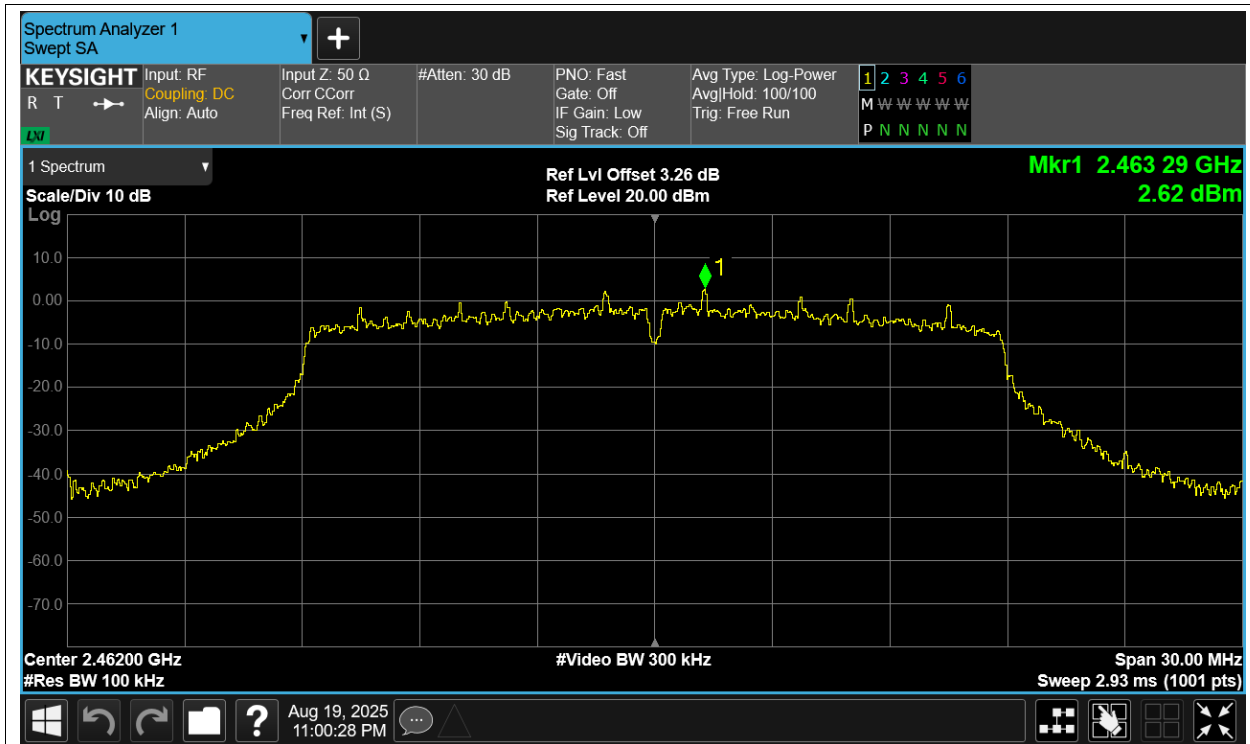
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission

