

Test Data

Duty Cycle

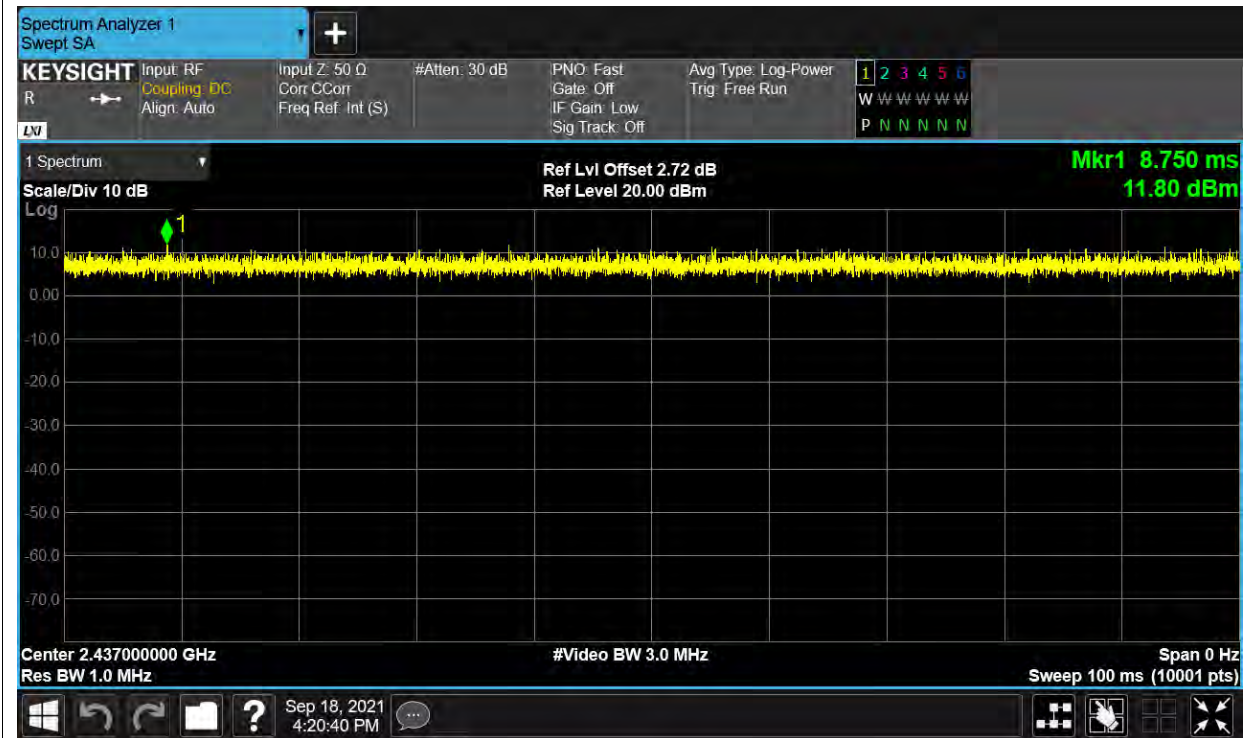
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	MIMO	100	0
NVNT	ax20	2437	MIMO	100	0
NVNT	ax20	2462	MIMO	100	0
NVNT	ax40	2422	MIMO	100	0
NVNT	ax40	2437	MIMO	100	0
NVNT	ax40	2452	MIMO	100	0
NVNT	b	2412	ANT1	100	0
NVNT	b	2437	ANT1	100	0
NVNT	b	2462	ANT1	100	0
NVNT	b	2412	ANT2	100	0
NVNT	b	2437	ANT2	100	0
NVNT	b	2462	ANT2	100	0
NVNT	g	2412	ANT1	100	0
NVNT	g	2437	ANT1	100	0
NVNT	g	2462	ANT1	100	0
NVNT	g	2412	ANT2	100	0
NVNT	g	2437	ANT2	100	0
NVNT	g	2462	ANT2	100	0
NVNT	n20	2412	MIMO	100	0
NVNT	n20	2437	MIMO	100	0
NVNT	n20	2462	MIMO	100	0
NVNT	n40	2422	MIMO	100	0
NVNT	n40	2437	MIMO	100	0
NVNT	n40	2452	MIMO	100	0

Test Graphs

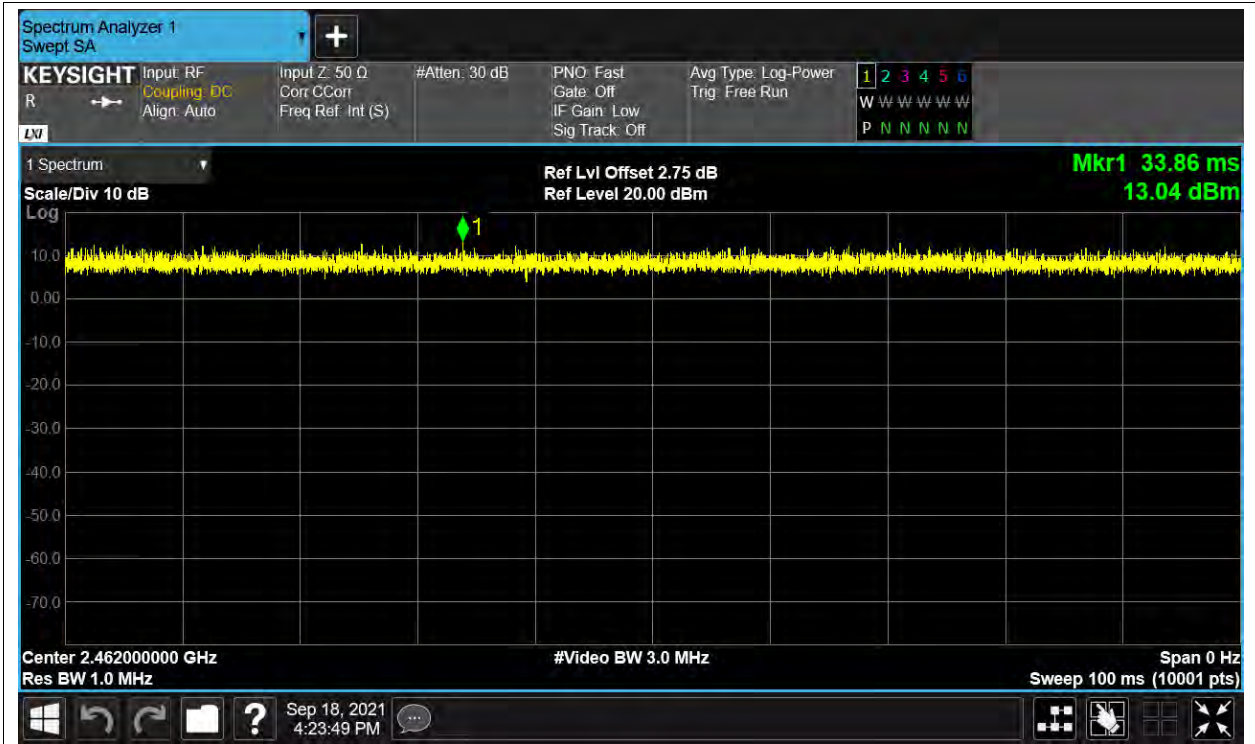
Duty Cycle NVNT ax20 2412MHz MIMO



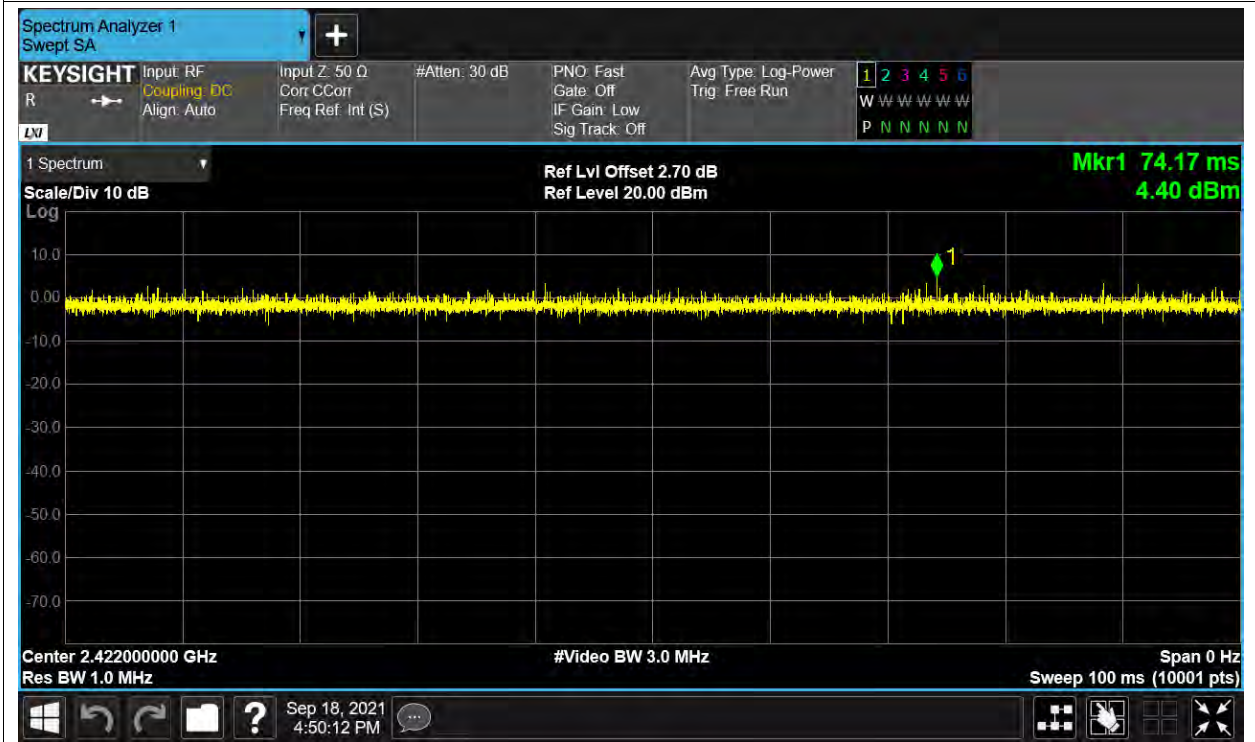
Duty Cycle NVNT ax20 2437MHz MIMO



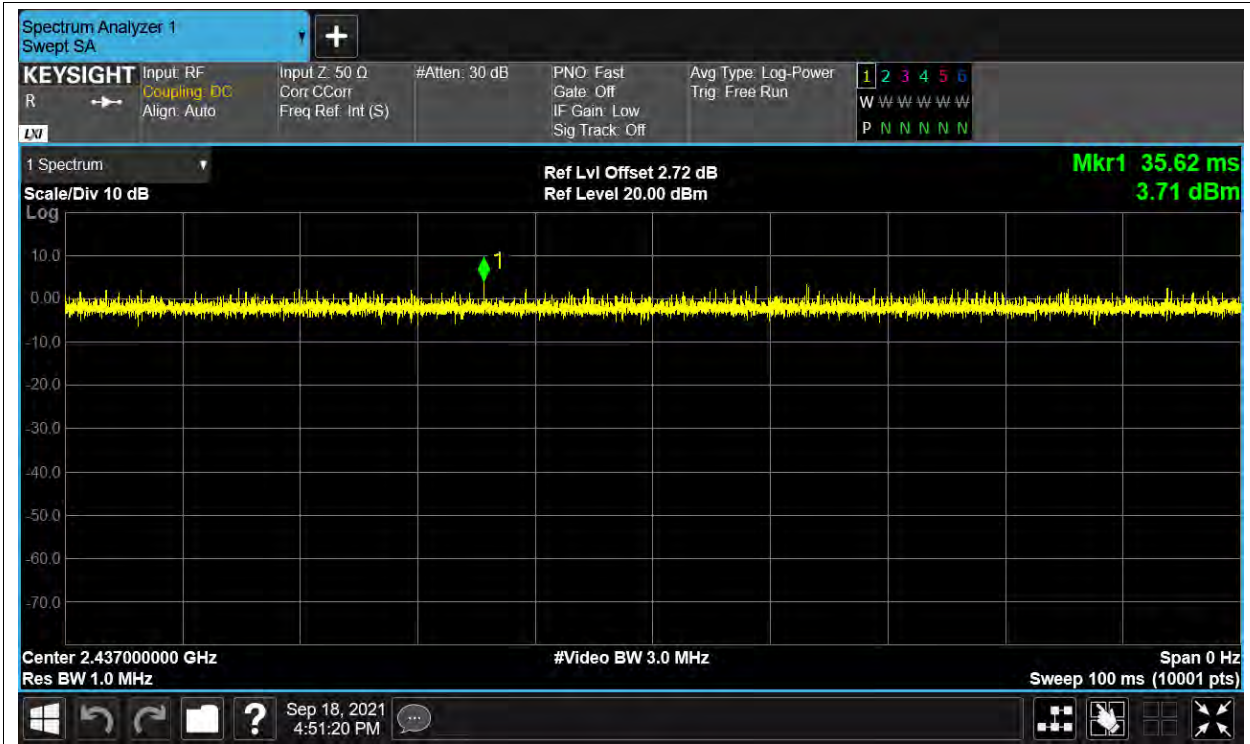
Duty Cycle NVNT ax20 2462MHz MIMO



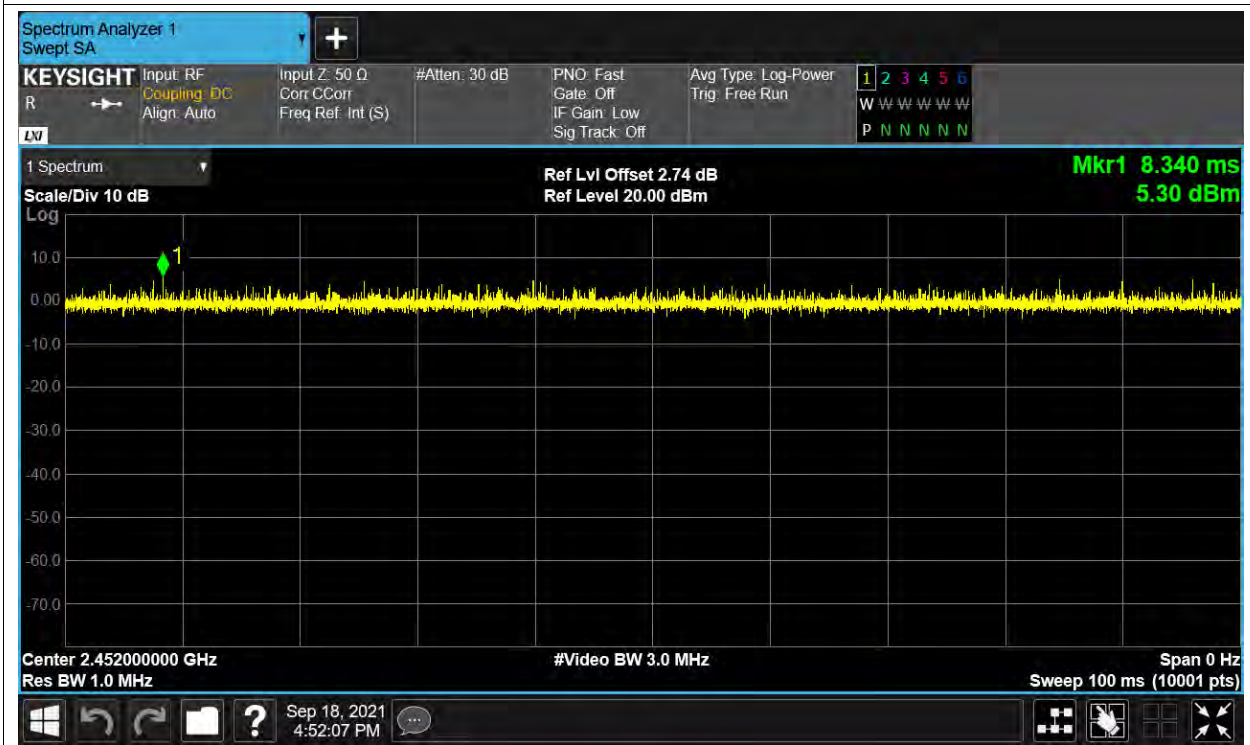
Duty Cycle NVNT ax40 2422MHz MIMO



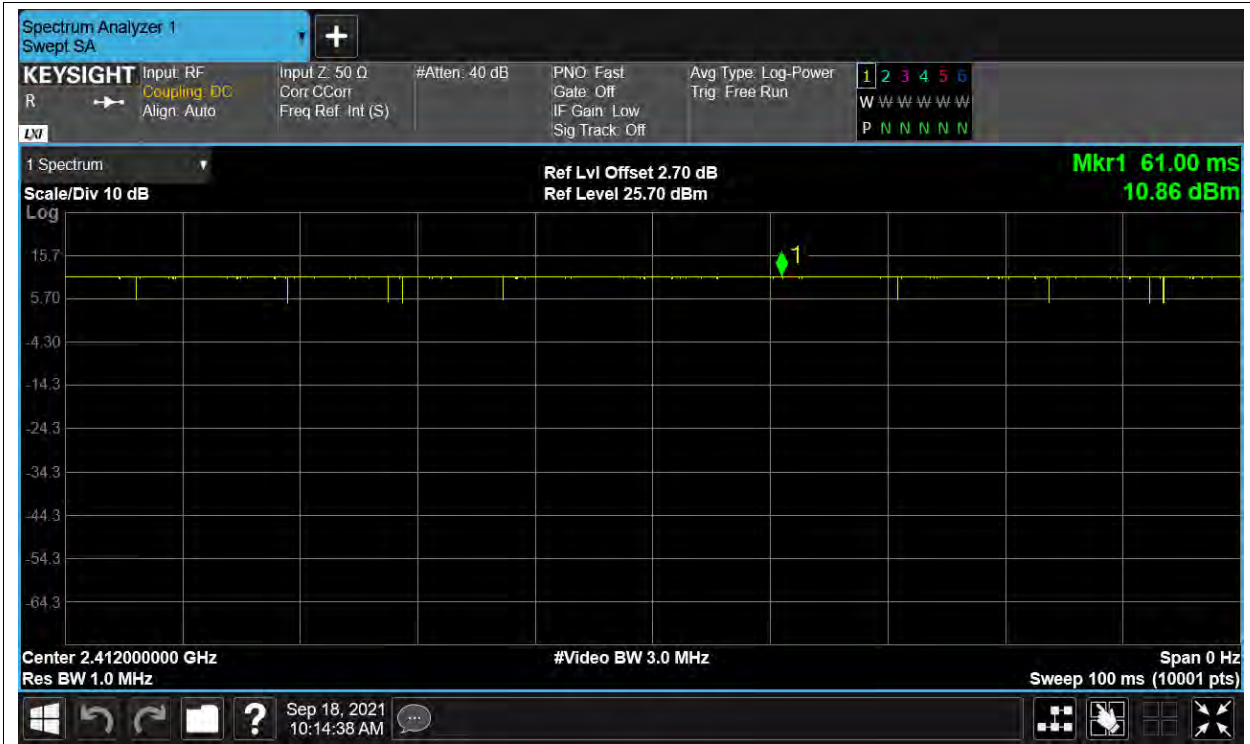
Duty Cycle NVNT ax40 2437MHz MIMO



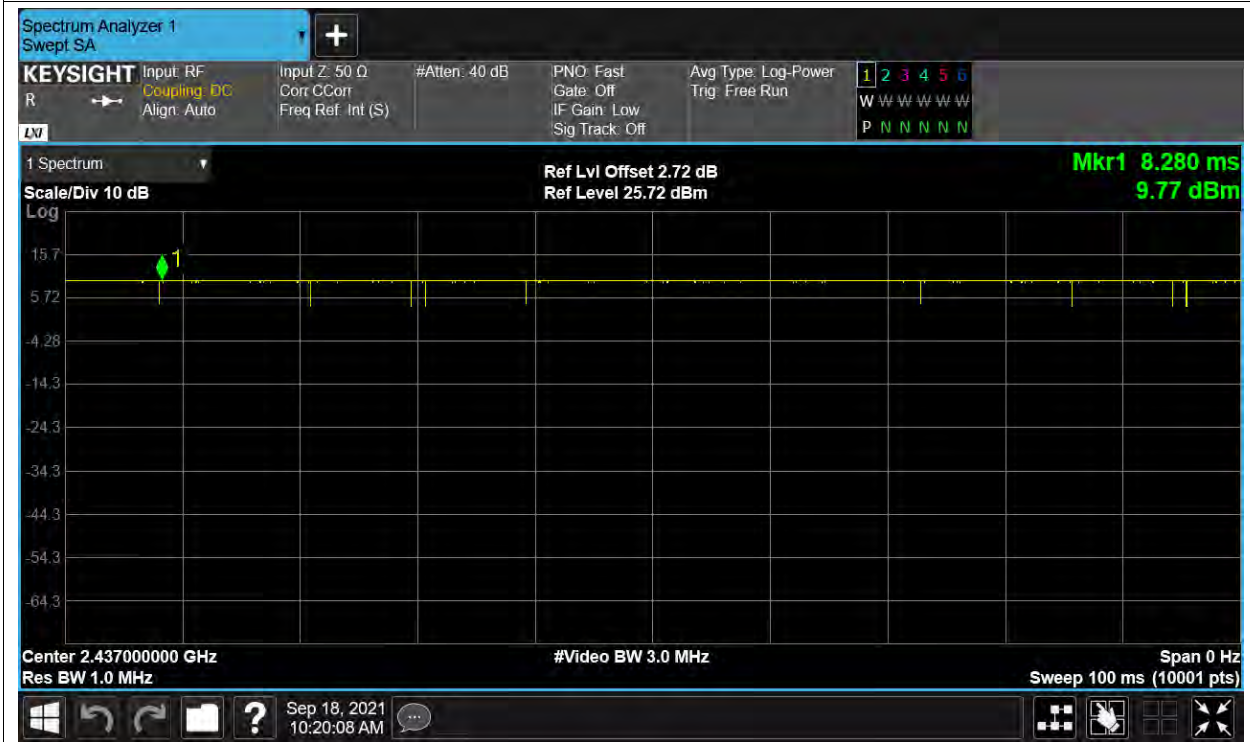
Duty Cycle NVNT ax40 2452MHz MIMO



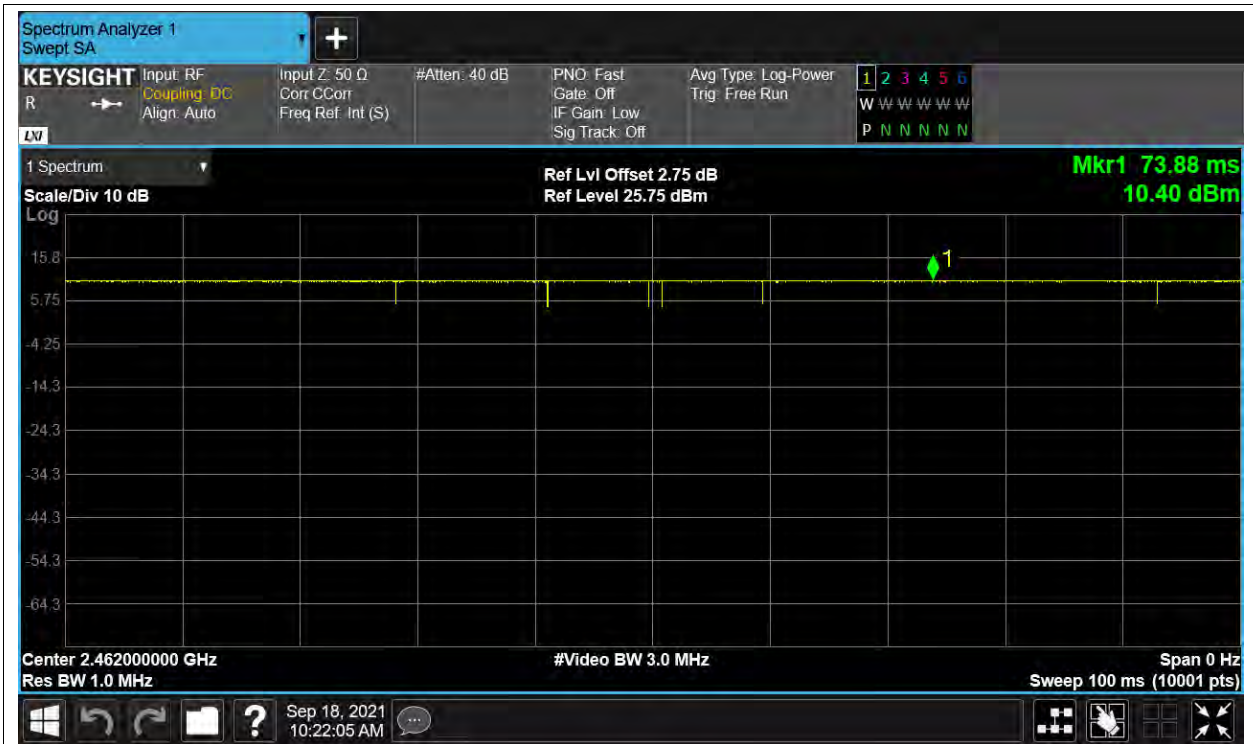
Duty Cycle NVNT b 2412MHz ANT1



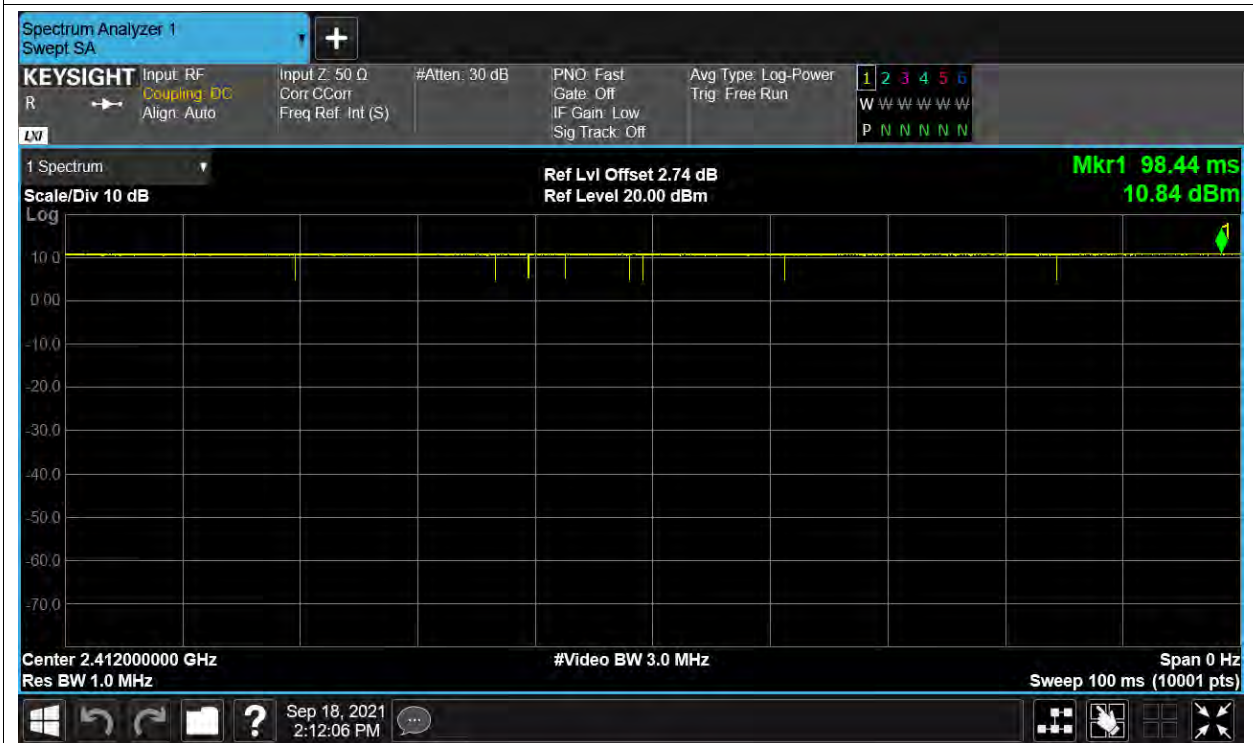
Duty Cycle NVNT b 2437MHz ANT1



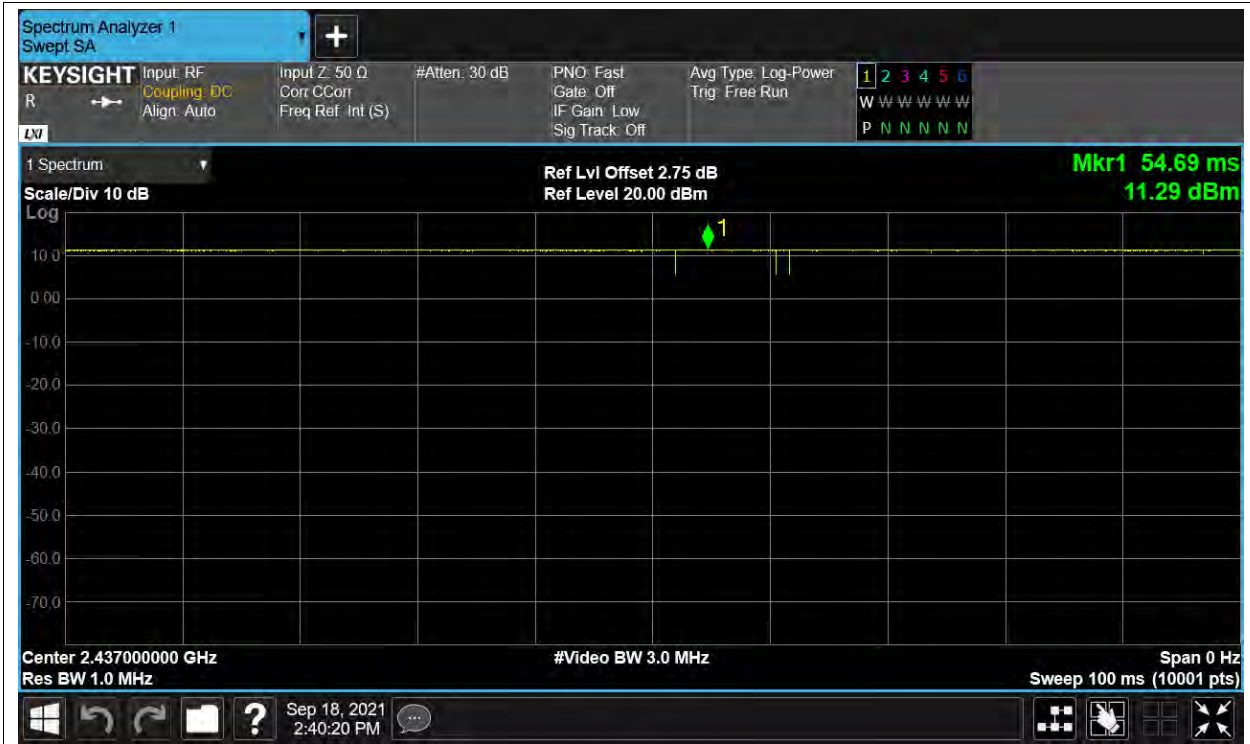
Duty Cycle NVNT b 2462MHz ANT1



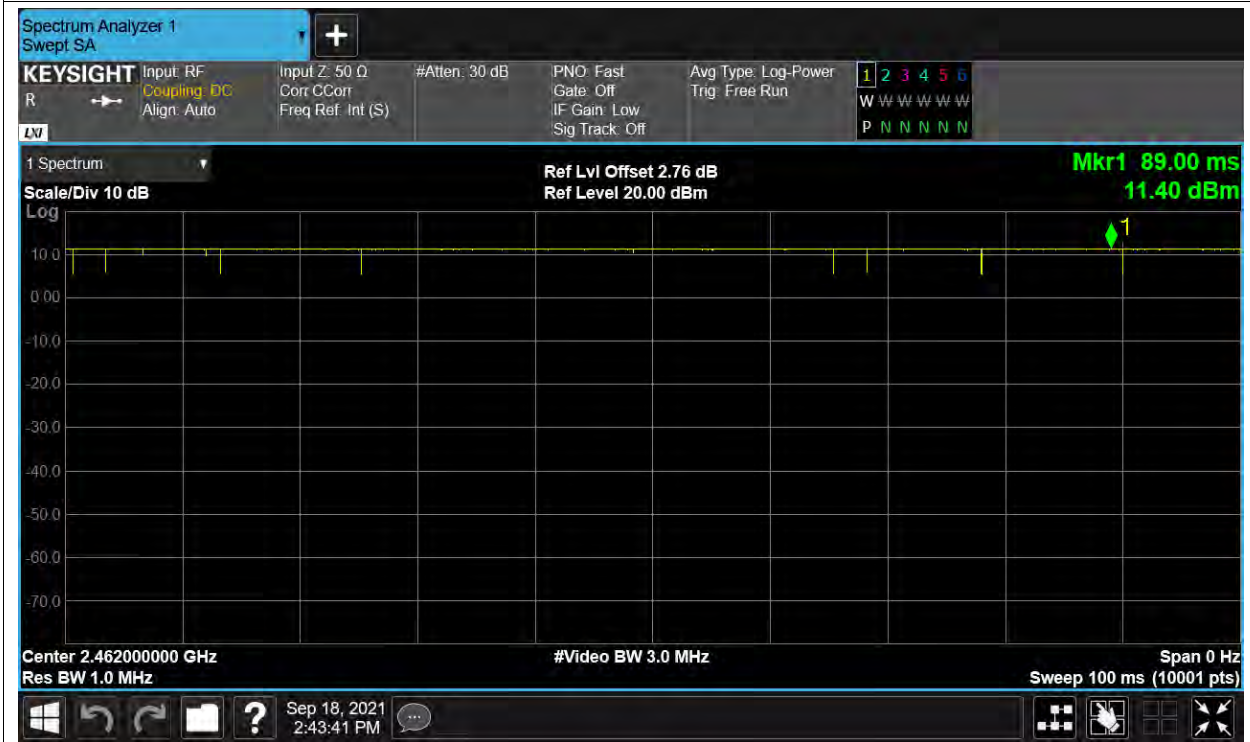
Duty Cycle NVNT b 2412MHz ANT2



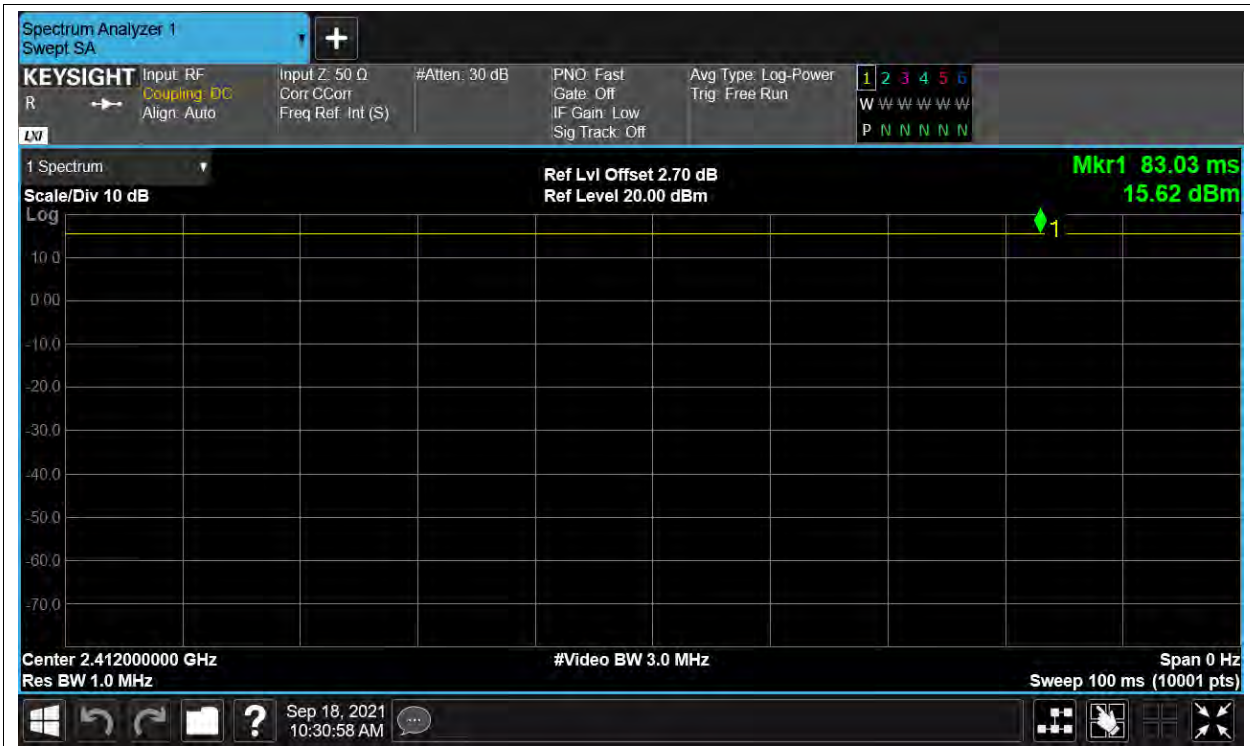
Duty Cycle NVNT b 2437MHz ANT2



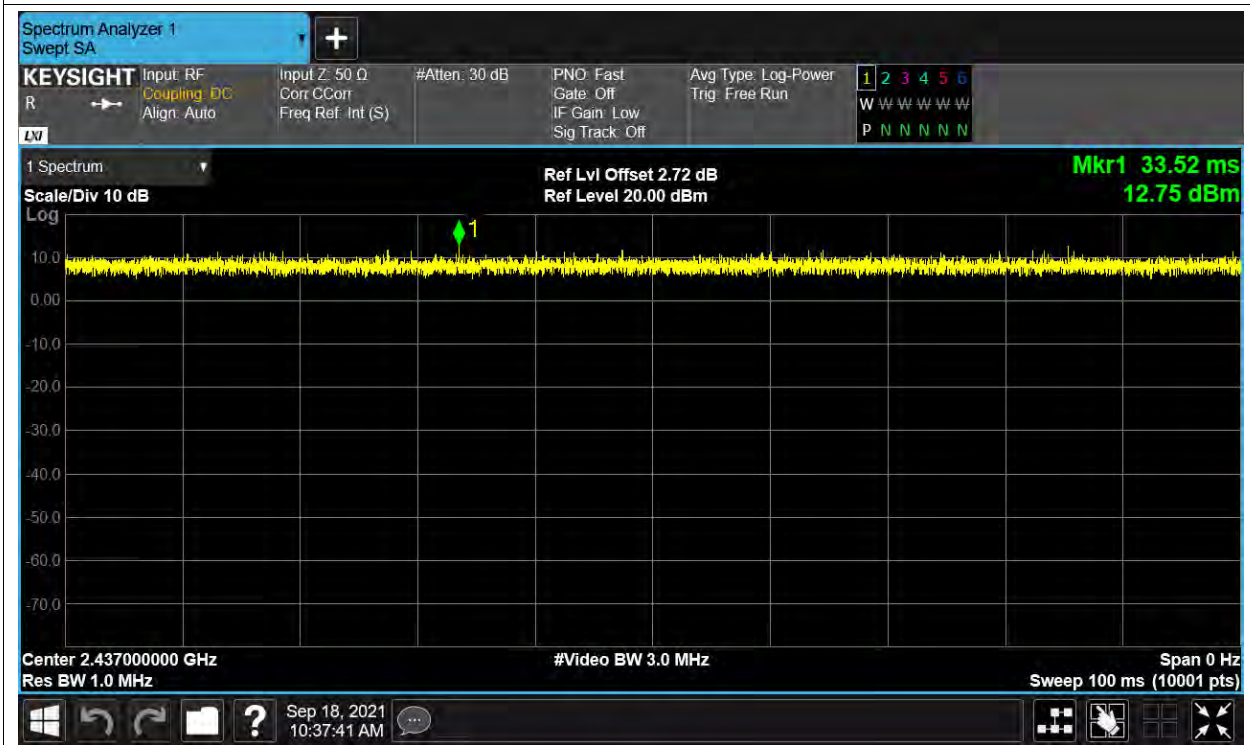
Duty Cycle NVNT b 2462MHz ANT2



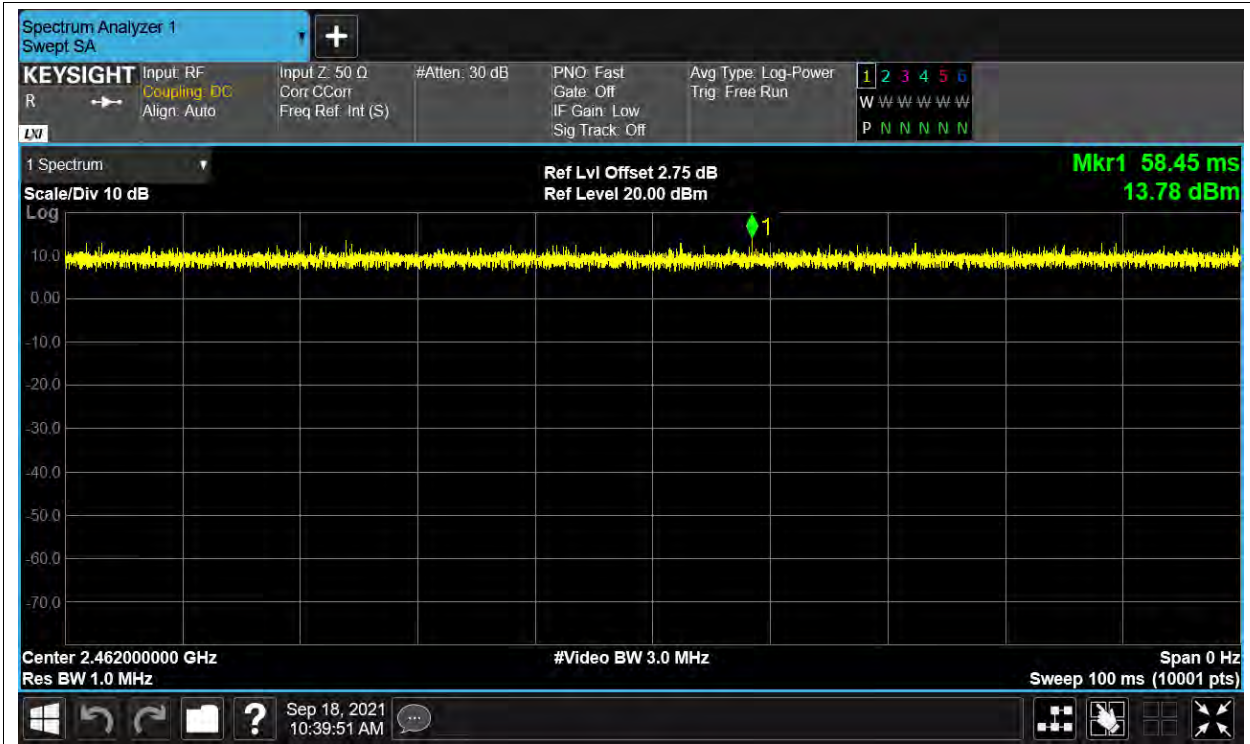
Duty Cycle NVNT g 2412MHz ANT1



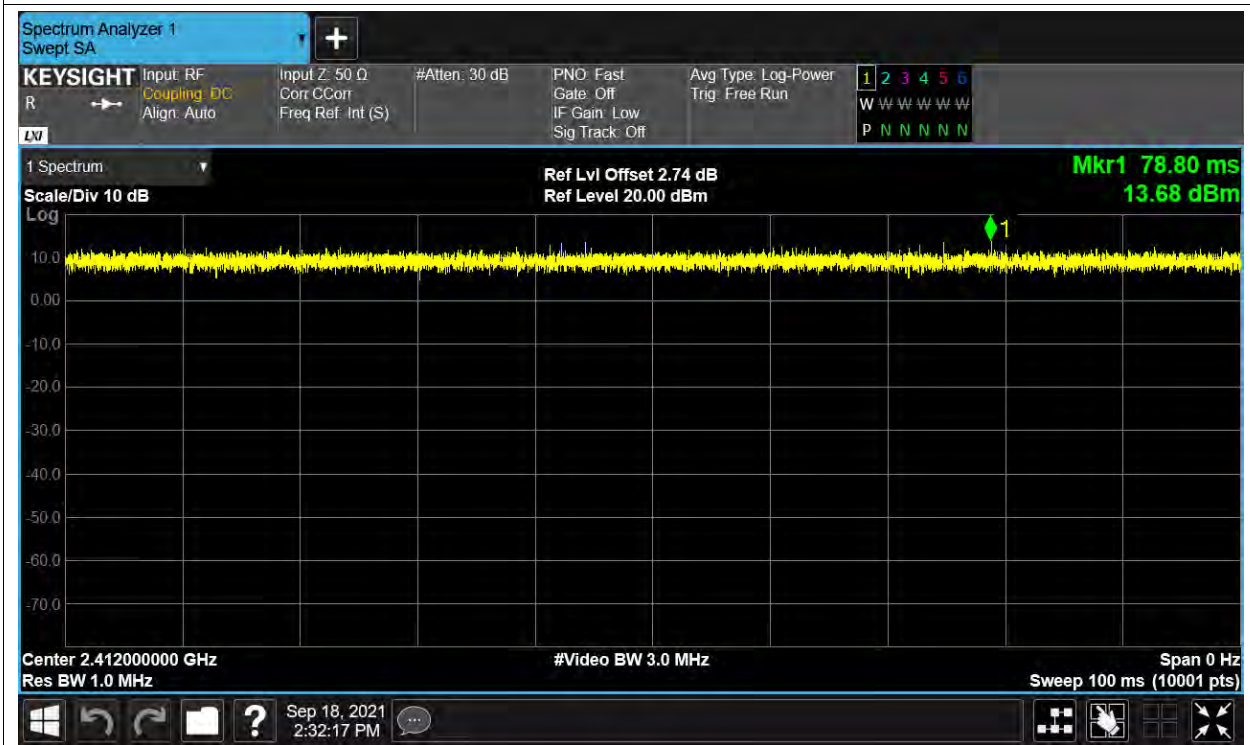
Duty Cycle NVNT g 2437MHz ANT1



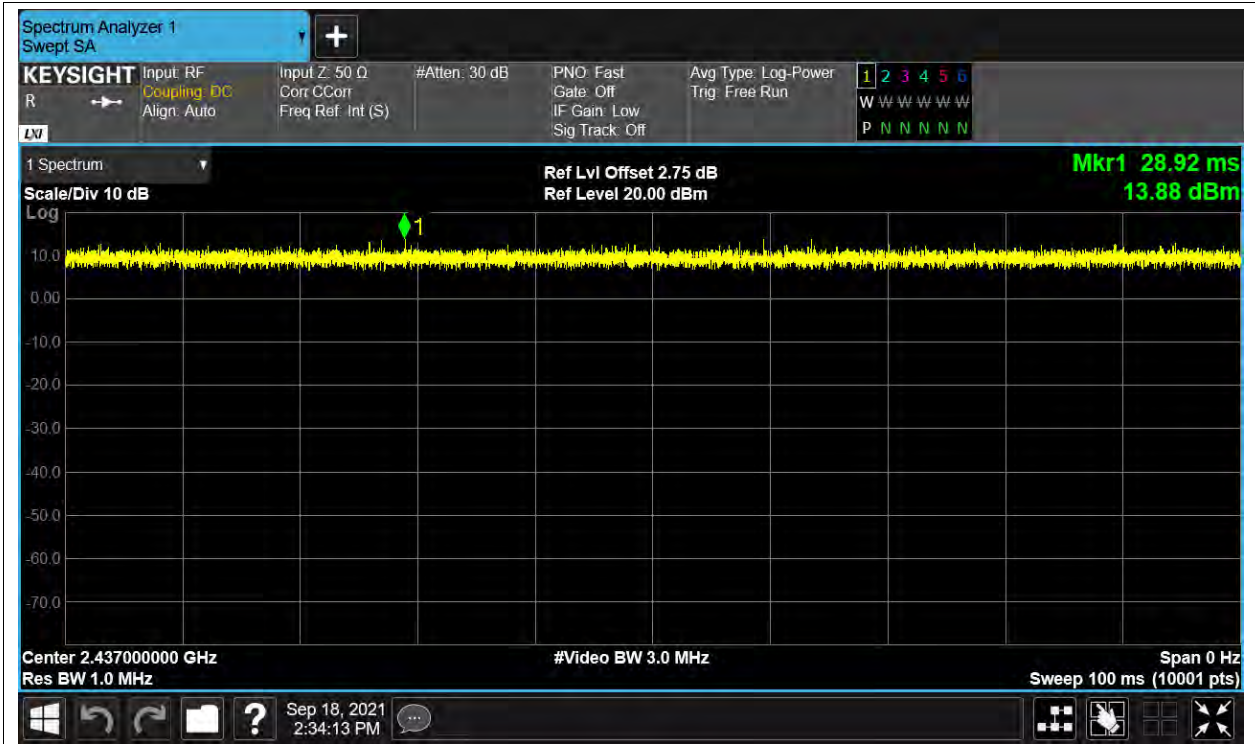
Duty Cycle NVNT g 2462MHz ANT1



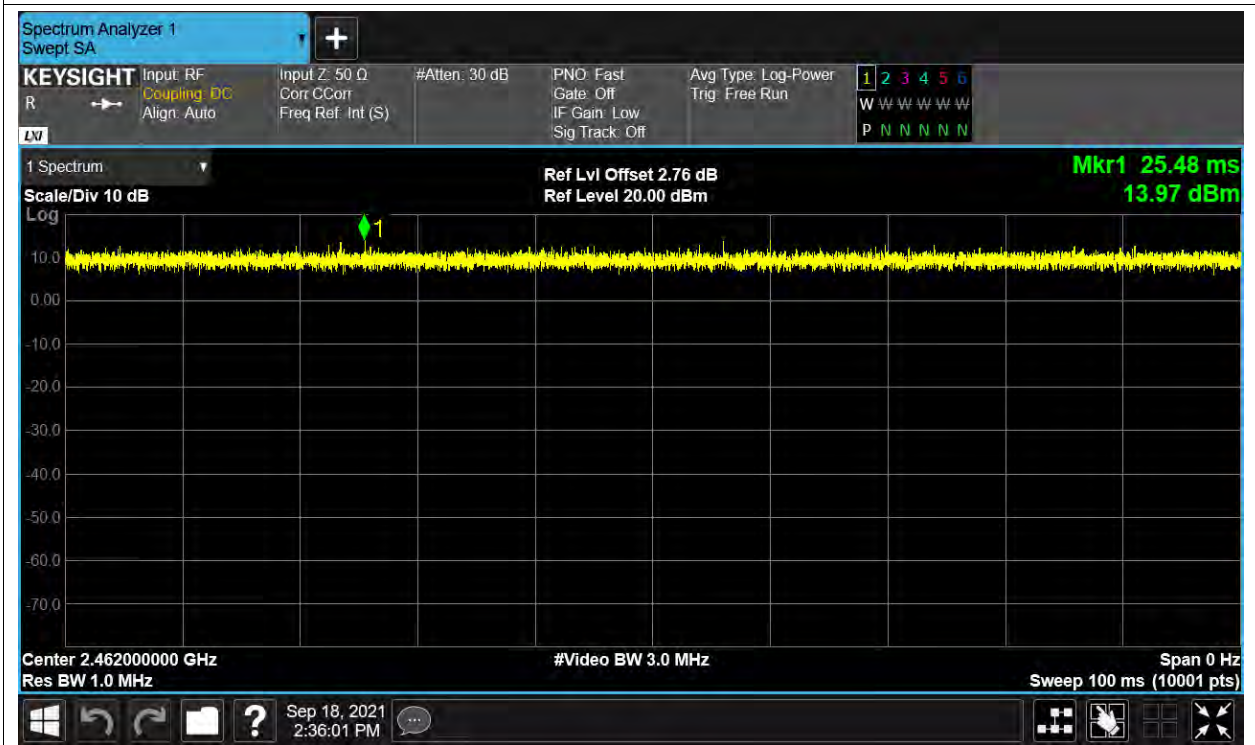
Duty Cycle NVNT g 2412MHz ANT2



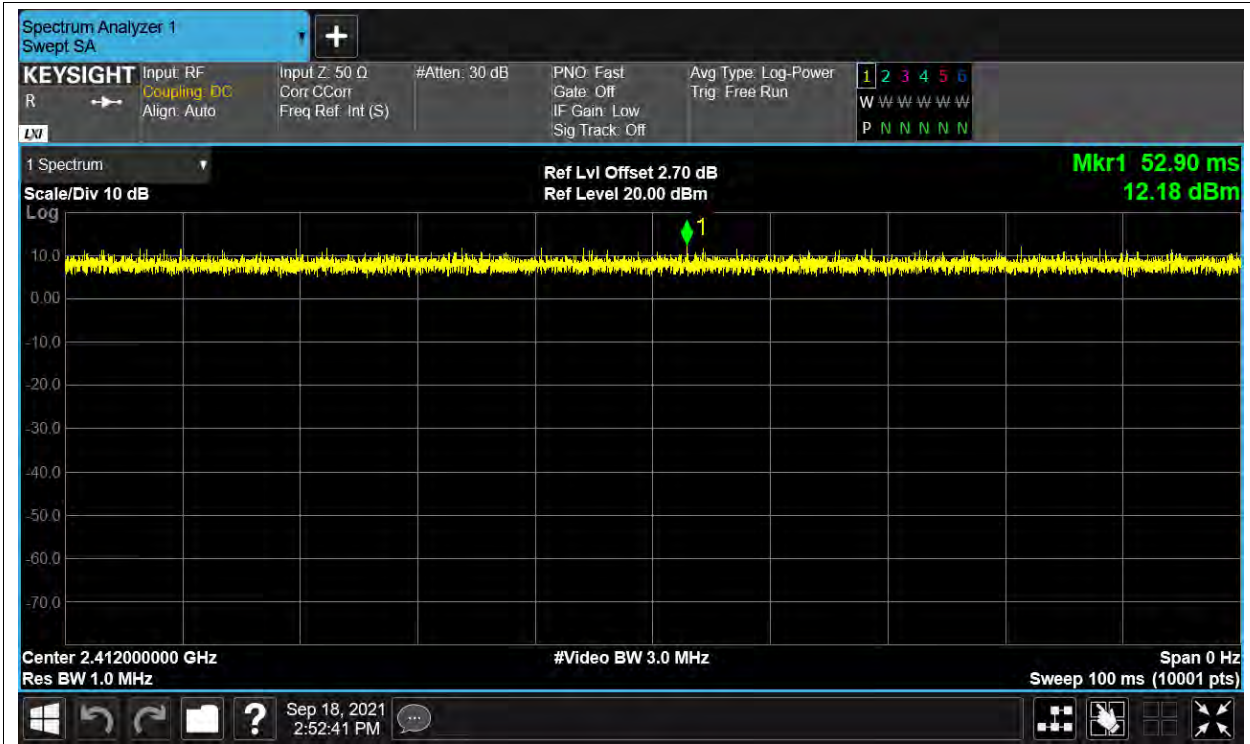
Duty Cycle NVNT g 2437MHz ANT2



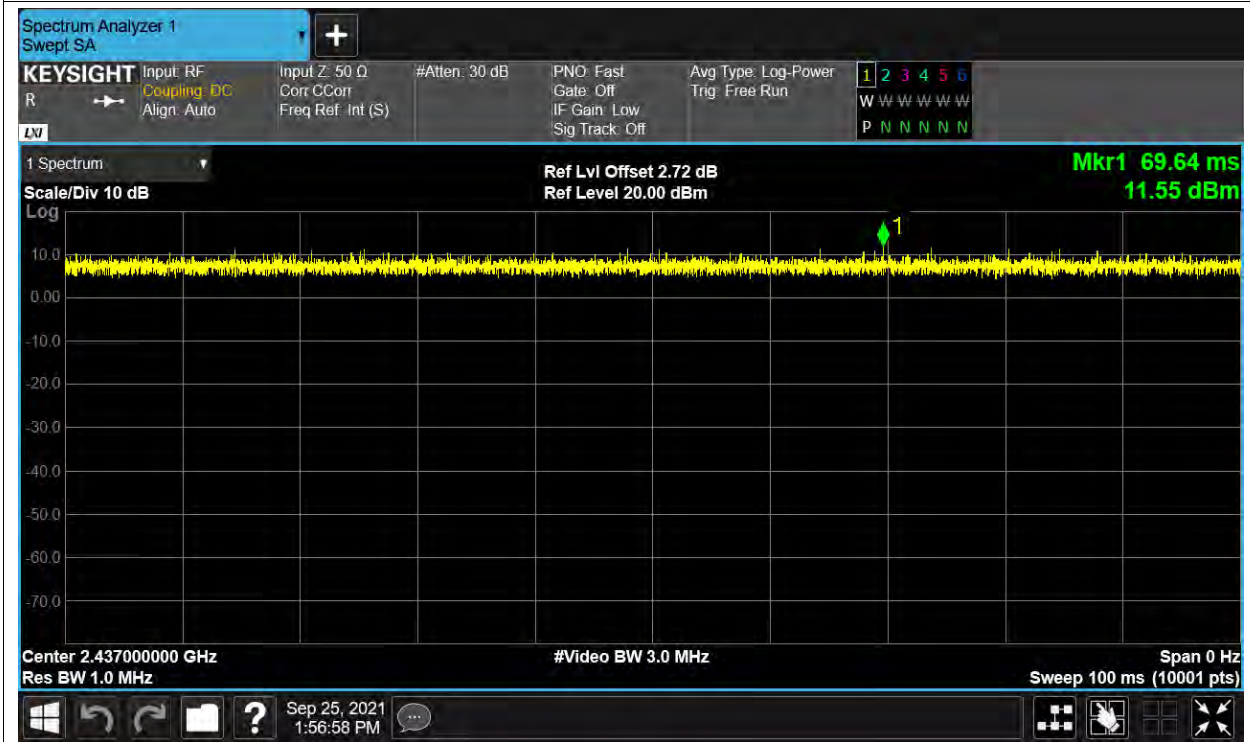
Duty Cycle NVNT g 2462MHz ANT2



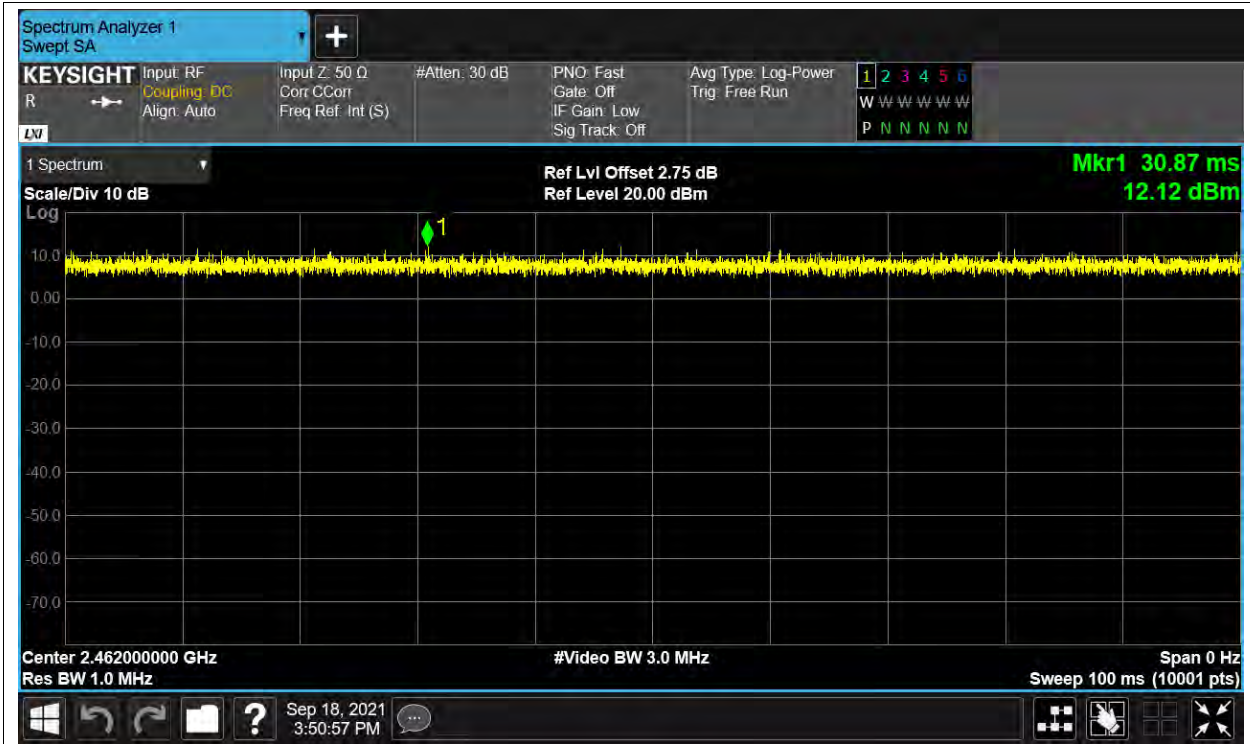
Duty Cycle NVNT n20 2412MHz MIMO



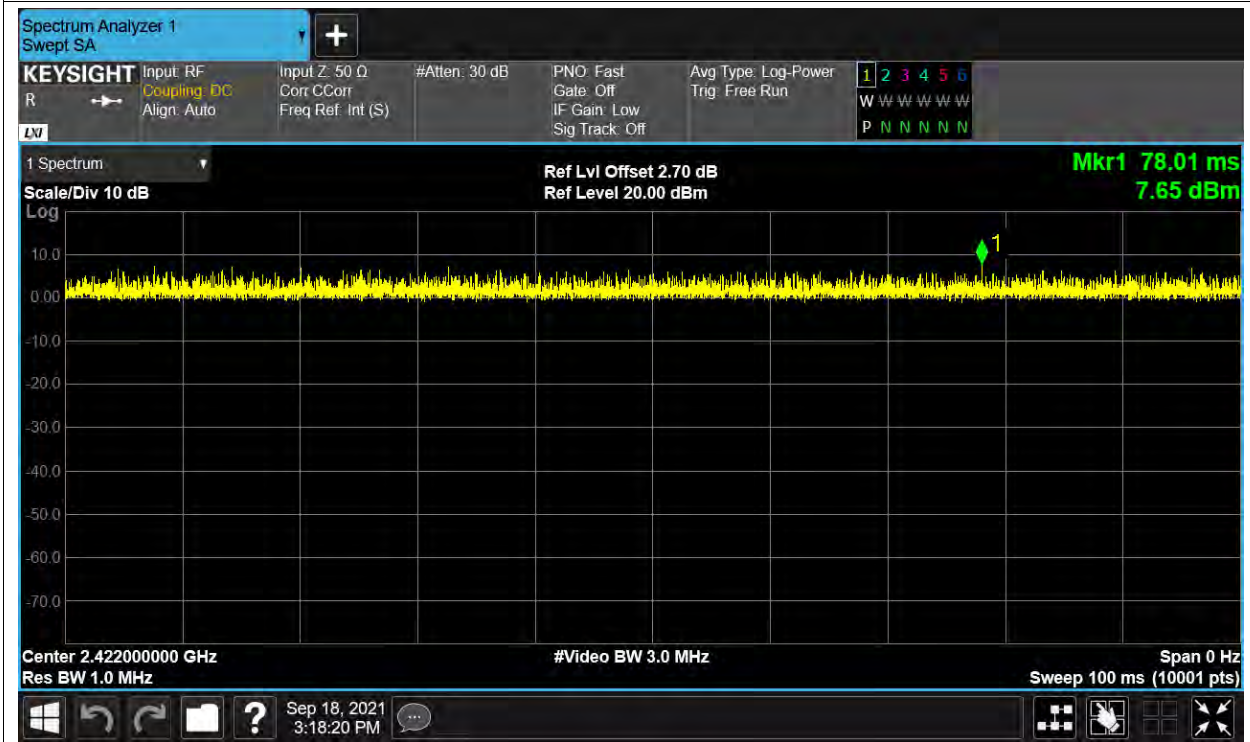
Duty Cycle NVNT n20 2437MHz MIMO



Duty Cycle NVNT n20 2462MHz MIMO



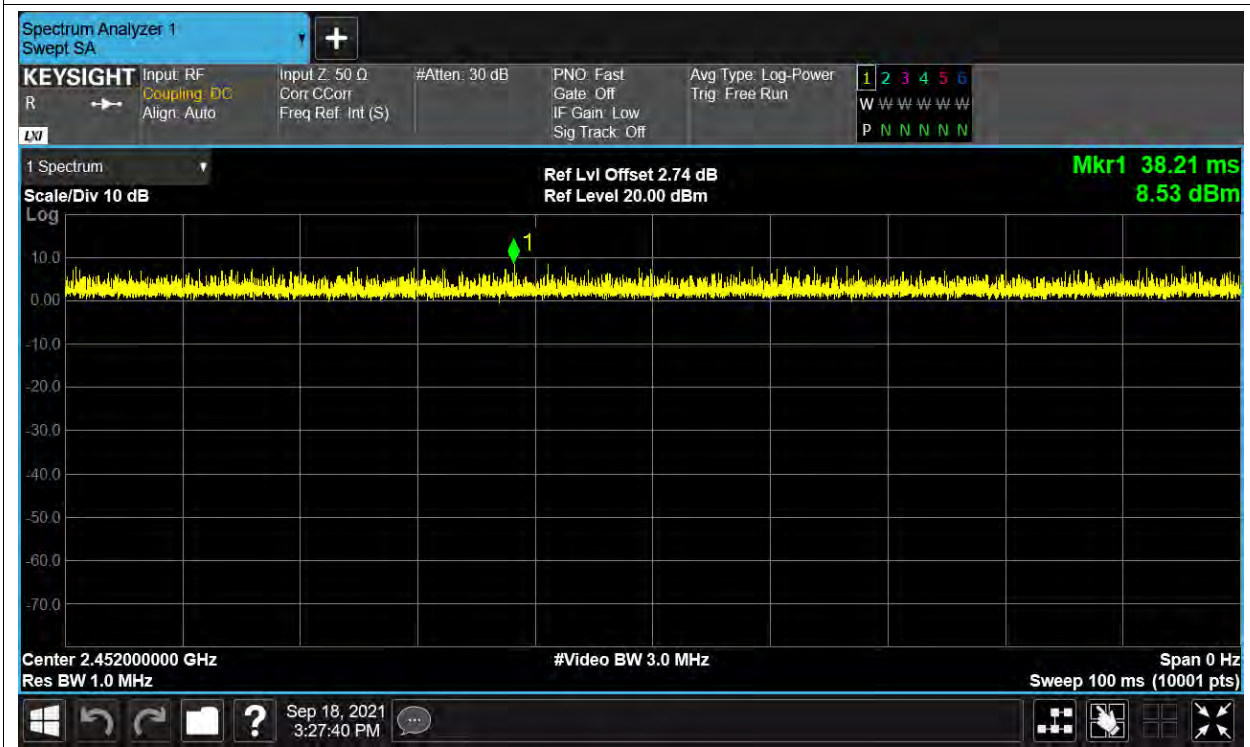
Duty Cycle NVNT n40 2422MHz MIMO



Duty Cycle NVNT n40 2437MHz MIMO



Duty Cycle NVNT n40 2452MHz MIMO



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	14.37	0	14.37	30	Pass
NVNT	ax20	2412	ANT2	14.28	0	14.28	30	Pass
NVNT	ax20	2412	MIMO	17.336	0	17.336	30	Pass
NVNT	ax20	2437	ANT1	13.09	0	13.09	30	Pass
NVNT	ax20	2437	ANT2	14.56	0	14.56	30	Pass
NVNT	ax20	2437	MIMO	16.897	0	16.897	30	Pass
NVNT	ax20	2462	ANT1	13.24	0	13.24	30	Pass
NVNT	ax20	2462	ANT2	14.08	0	14.08	30	Pass
NVNT	ax20	2462	MIMO	16.691	0	16.691	30	Pass
NVNT	ax40	2422	ANT1	13.49	0	13.49	30	Pass
NVNT	ax40	2422	ANT2	13.18	0	13.18	30	Pass
NVNT	ax40	2422	MIMO	16.348	0	16.348	30	Pass
NVNT	ax40	2437	ANT1	12.42	0	12.42	30	Pass
NVNT	ax40	2437	ANT2	13.47	0	13.47	30	Pass
NVNT	ax40	2437	MIMO	15.987	0	15.987	30	Pass
NVNT	ax40	2452	ANT1	12.63	0	12.63	30	Pass
NVNT	ax40	2452	ANT2	13.1	0	13.1	30	Pass
NVNT	ax40	2452	MIMO	15.882	0	15.882	30	Pass
NVNT	b	2412	ANT1	15.72	0	15.72	30	Pass
NVNT	b	2437	ANT1	15.13	0	15.13	30	Pass
NVNT	b	2462	ANT1	15.06	0	15.06	30	Pass
NVNT	b	2412	ANT2	15.52	0	15.52	30	Pass
NVNT	b	2437	ANT2	16.31	0	16.31	30	Pass
NVNT	b	2462	ANT2	16.08	0	16.08	30	Pass
NVNT	g	2412	ANT1	15.09	0	15.09	30	Pass
NVNT	g	2437	ANT1	14.02	0	14.02	30	Pass
NVNT	g	2462	ANT1	14.52	0	14.52	30	Pass
NVNT	g	2412	ANT2	15.09	0	15.09	30	Pass
NVNT	g	2437	ANT2	15.56	0	15.56	30	Pass
NVNT	g	2462	ANT2	15.14	0	15.14	30	Pass
NVNT	n20	2412	ANT1	13.97	0	13.97	30	Pass
NVNT	n20	2412	ANT2	13.87	0	13.87	30	Pass
NVNT	n20	2412	MIMO	16.931	0	16.931	30	Pass
NVNT	n20	2437	ANT1	13.84	0	13.84	30	Pass
NVNT	n20	2437	ANT2	15.45	0	15.45	30	Pass
NVNT	n20	2437	MIMO	17.729	0	17.729	30	Pass
NVNT	n20	2462	ANT1	13.19	0	13.19	30	Pass
NVNT	n20	2462	ANT2	13.81	0	13.81	30	Pass

NVNT	n20	2462	MIMO	16.521	0	16.521	30	Pass
NVNT	n40	2422	ANT1	13.73	0	13.73	30	Pass
NVNT	n40	2422	ANT2	13.93	0	13.93	30	Pass
NVNT	n40	2422	MIMO	16.841	0	16.841	30	Pass
NVNT	n40	2437	ANT1	13.14	0	13.14	30	Pass
NVNT	n40	2437	ANT2	14.35	0	14.35	30	Pass
NVNT	n40	2437	MIMO	16.797	0	16.797	30	Pass
NVNT	n40	2452	ANT1	13.48	0	13.48	30	Pass
NVNT	n40	2452	ANT2	13.96	0	13.96	30	Pass
NVNT	n40	2452	MIMO	16.737	0	16.737	30	Pass

-6dB Bandwidth

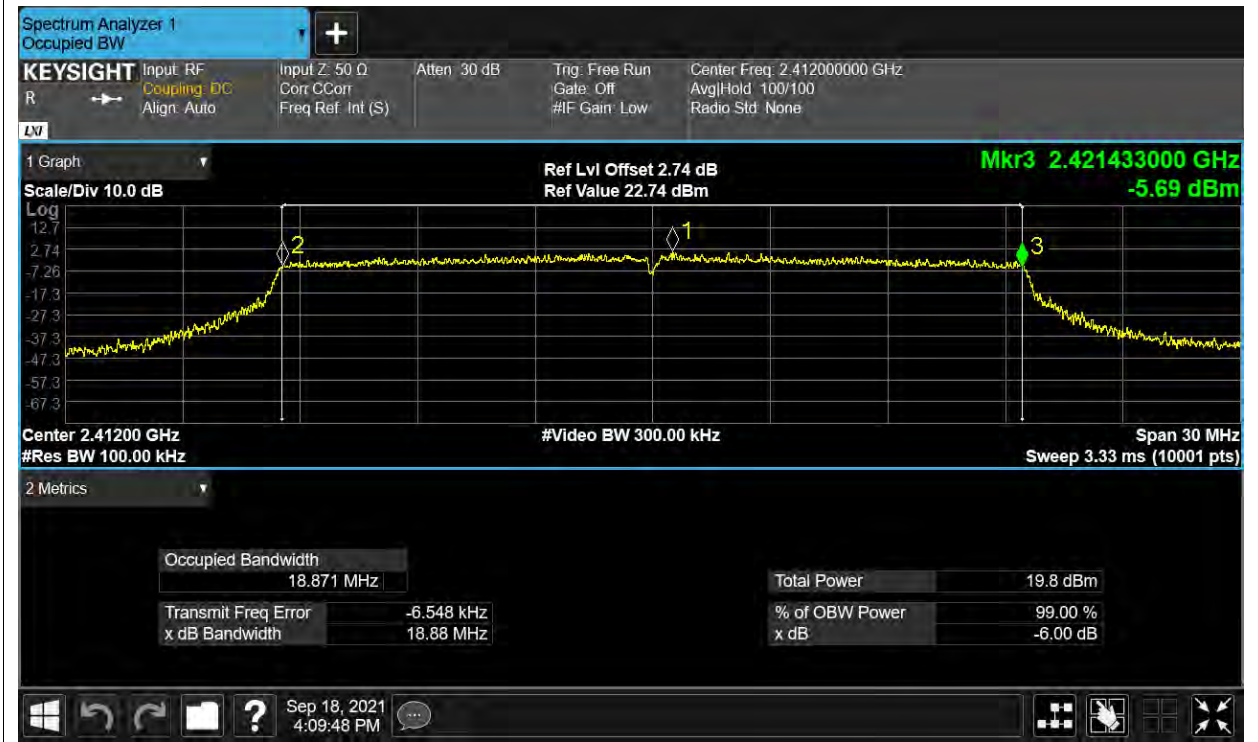
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	ANT1	18.764	0.5	Pass
NVNT	ax20	2412	ANT2	18.879	0.5	Pass
NVNT	ax20	2437	ANT1	18.885	0.5	Pass
NVNT	ax20	2437	ANT2	18.976	0.5	Pass
NVNT	ax20	2462	ANT1	16.417	0.5	Pass
NVNT	ax20	2462	ANT2	18.973	0.5	Pass
NVNT	ax40	2422	ANT1	37.574	0.5	Pass
NVNT	ax40	2422	ANT2	36.608	0.5	Pass
NVNT	ax40	2437	ANT1	37.631	0.5	Pass
NVNT	ax40	2437	ANT2	36.365	0.5	Pass
NVNT	ax40	2452	ANT1	36.224	0.5	Pass
NVNT	ax40	2452	ANT2	35.118	0.5	Pass
NVNT	b	2412	ANT1	8.06	0.5	Pass
NVNT	b	2437	ANT1	8.007	0.5	Pass
NVNT	b	2462	ANT1	7.577	0.5	Pass
NVNT	b	2412	ANT2	7.552	0.5	Pass
NVNT	b	2437	ANT2	8.061	0.5	Pass
NVNT	b	2462	ANT2	8.028	0.5	Pass
NVNT	g	2412	ANT1	16.363	0.5	Pass
NVNT	g	2437	ANT1	16.475	0.5	Pass
NVNT	g	2462	ANT1	16.399	0.5	Pass
NVNT	g	2412	ANT2	16.384	0.5	Pass
NVNT	g	2437	ANT2	16.393	0.5	Pass
NVNT	g	2462	ANT2	16.347	0.5	Pass
NVNT	n20	2412	ANT1	17.605	0.5	Pass
NVNT	n20	2412	ANT2	1.37	0.5	Pass
NVNT	n20	2437	ANT1	17.531	0.5	Pass
NVNT	n20	2437	ANT2	17.583	0.5	Pass
NVNT	n20	2462	ANT1	17.584	0.5	Pass
NVNT	n20	2462	ANT2	17.62	0.5	Pass
NVNT	n40	2422	ANT1	36.313	0.5	Pass
NVNT	n40	2422	ANT2	36.335	0.5	Pass
NVNT	n40	2437	ANT1	36.145	0.5	Pass
NVNT	n40	2437	ANT2	35.014	0.5	Pass
NVNT	n40	2452	ANT1	35.815	0.5	Pass
NVNT	n40	2452	ANT2	35.042	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT ax20 2412MHz ANT1



-6dB Bandwidth NVNT ax20 2412MHz ANT2



-6dB Bandwidth NVNT ax20 2437MHz ANT1



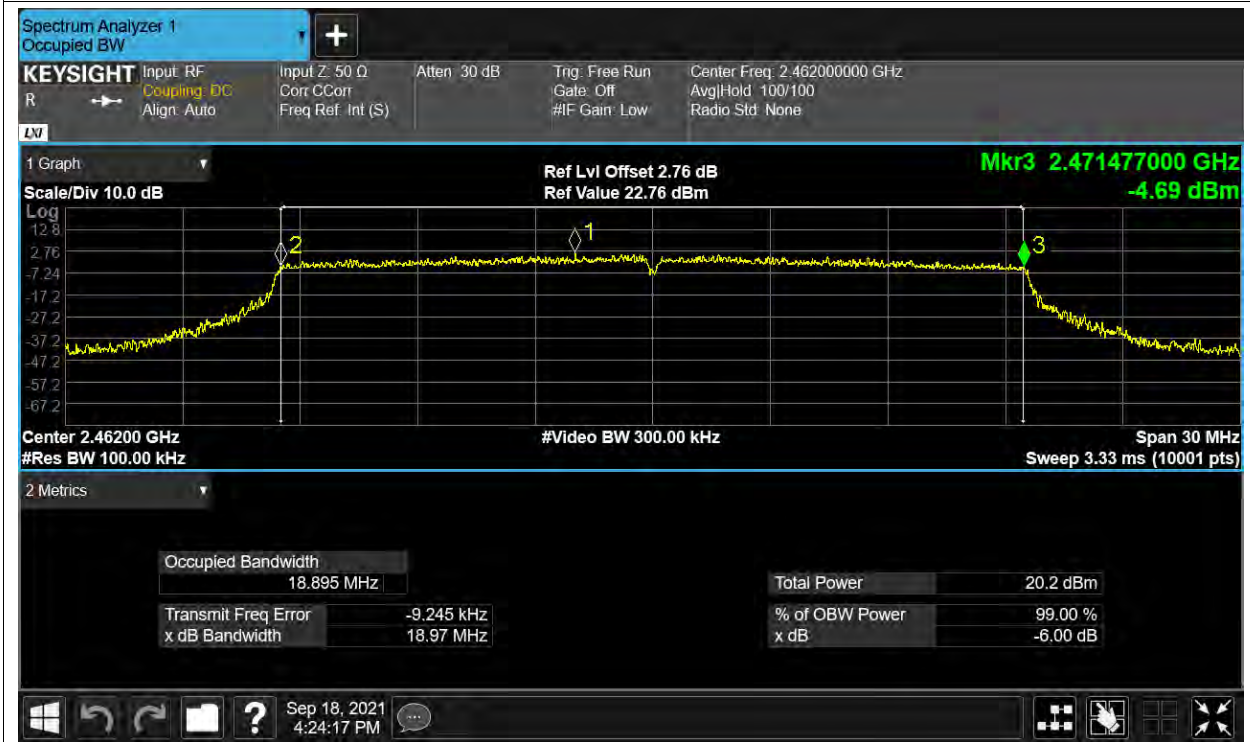
-6dB Bandwidth NVNT ax20 2437MHz ANT2



-6dB Bandwidth NVNT ax20 2462MHz ANT1



-6dB Bandwidth NVNT ax20 2462MHz ANT2



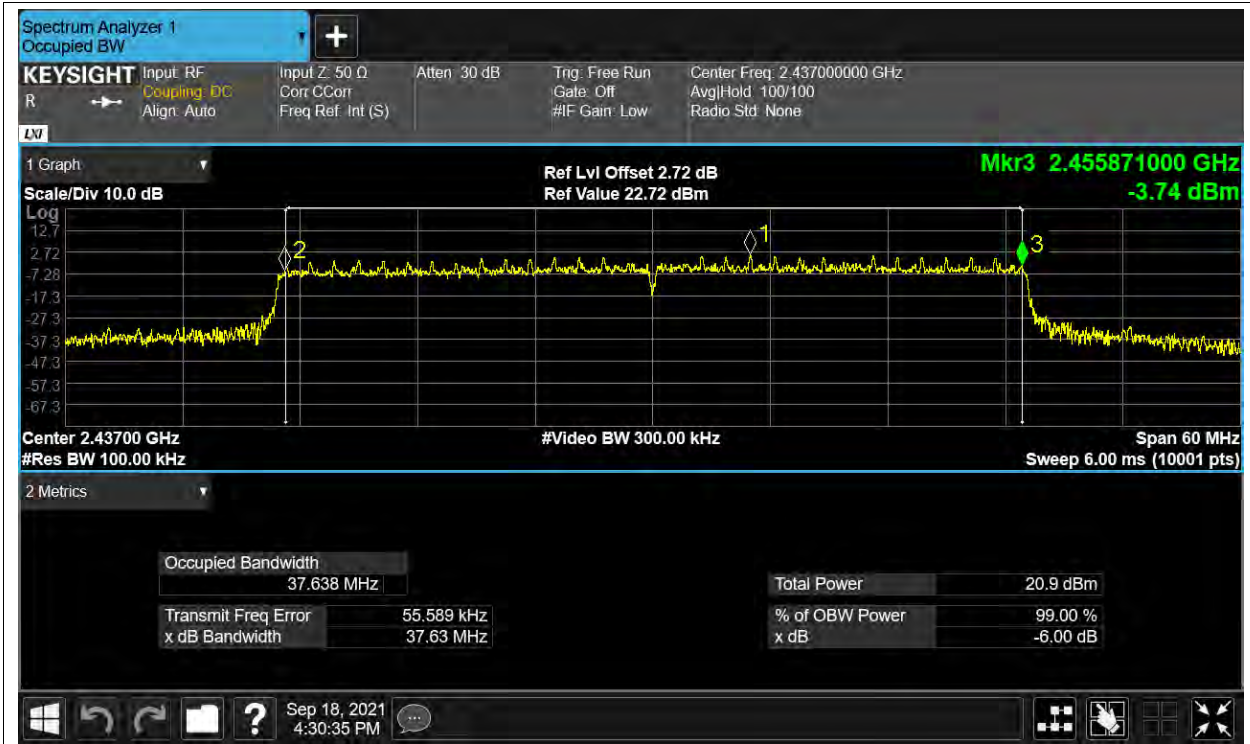
-6dB Bandwidth NVNT ax40 2422MHz ANT1



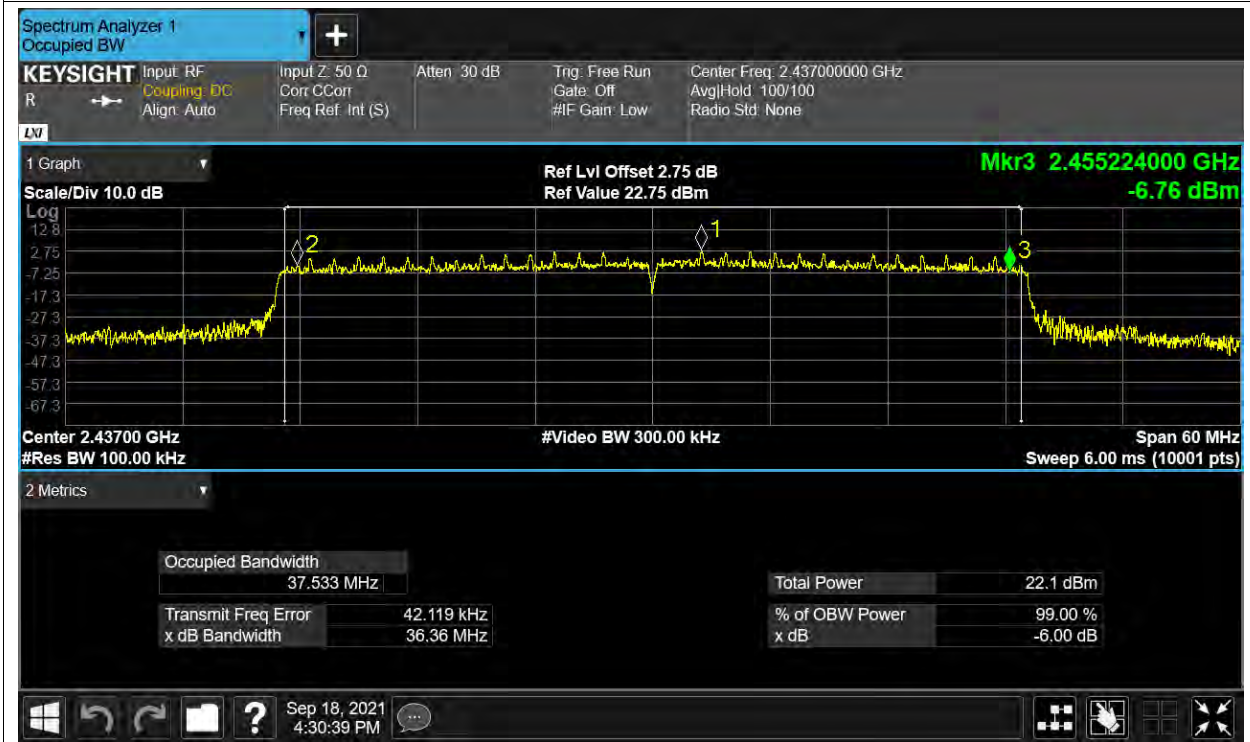
-6dB Bandwidth NVNT ax40 2422MHz ANT2



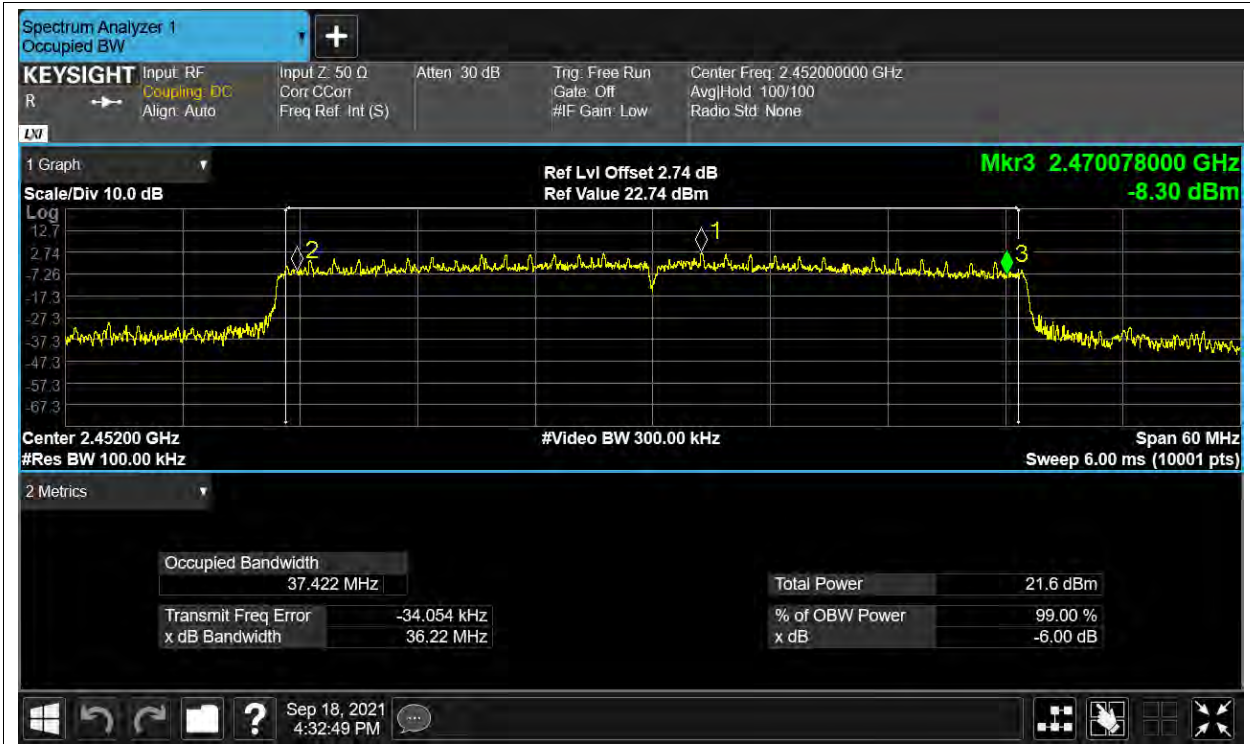
-6dB Bandwidth NVNT ax40 2437MHz ANT1



-6dB Bandwidth NVNT ax40 2437MHz ANT2



-6dB Bandwidth NVNT ax40 2452MHz ANT1



-6dB Bandwidth NVNT ax40 2452MHz ANT2



-6dB Bandwidth NVNT b 2412MHz ANT1



-6dB Bandwidth NVNT b 2437MHz ANT1



-6dB Bandwidth NVNT b 2462MHz ANT1



-6dB Bandwidth NVNT b 2412MHz ANT2



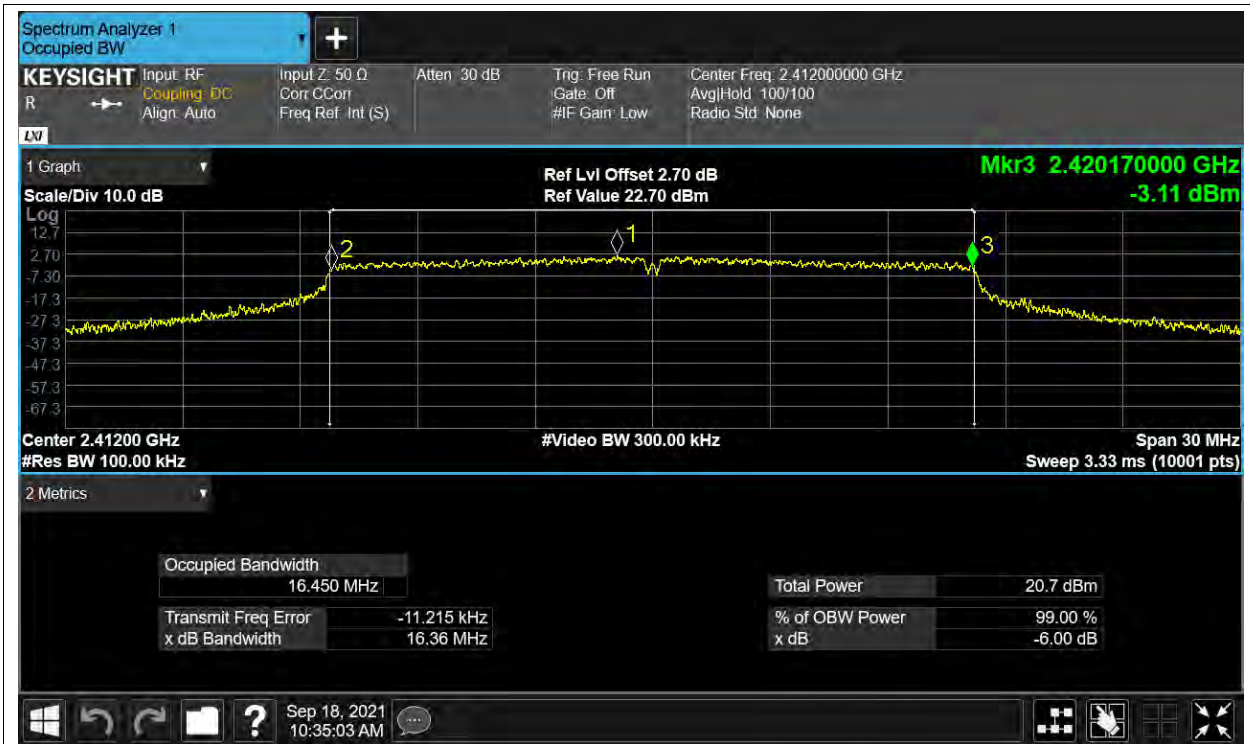
-6dB Bandwidth NVNT b 2437MHz ANT2



-6dB Bandwidth NVNT b 2462MHz ANT2



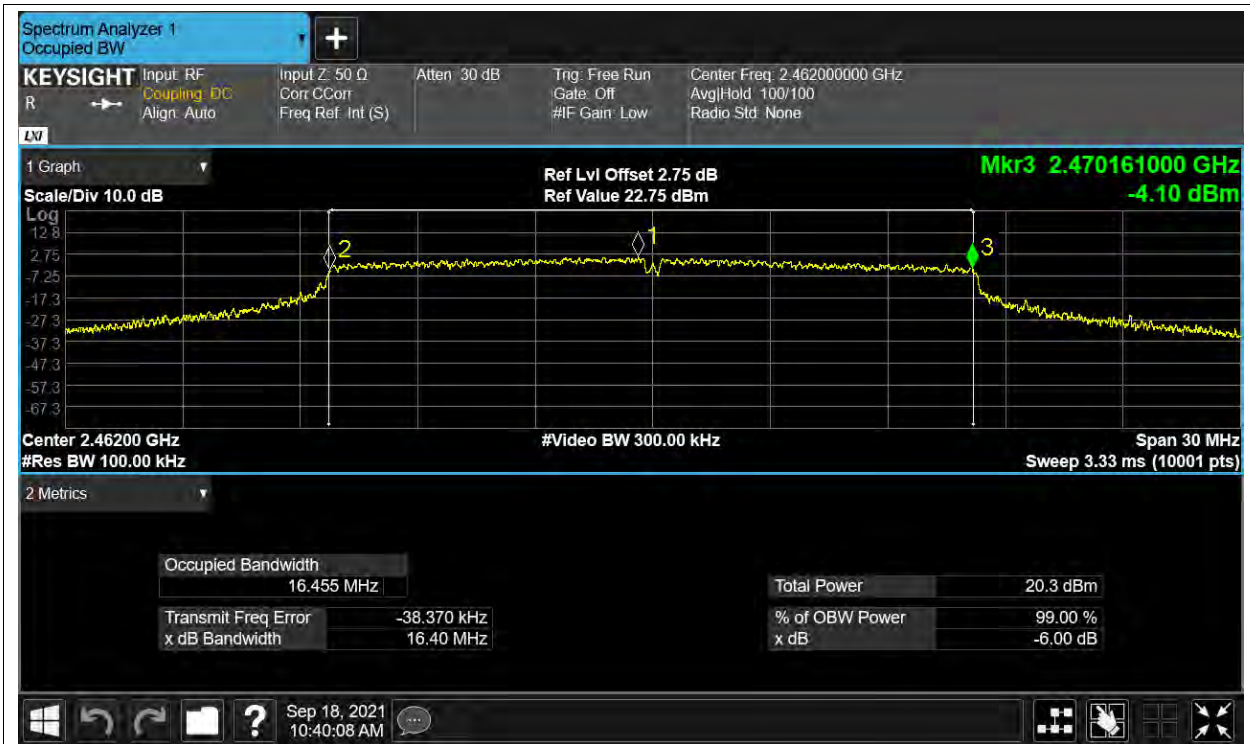
-6dB Bandwidth NVNT g 2412MHz ANT1



-6dB Bandwidth NVNT g 2437MHz ANT1



-6dB Bandwidth NVNT g 2462MHz ANT1



-6dB Bandwidth NVNT g 2412MHz ANT2



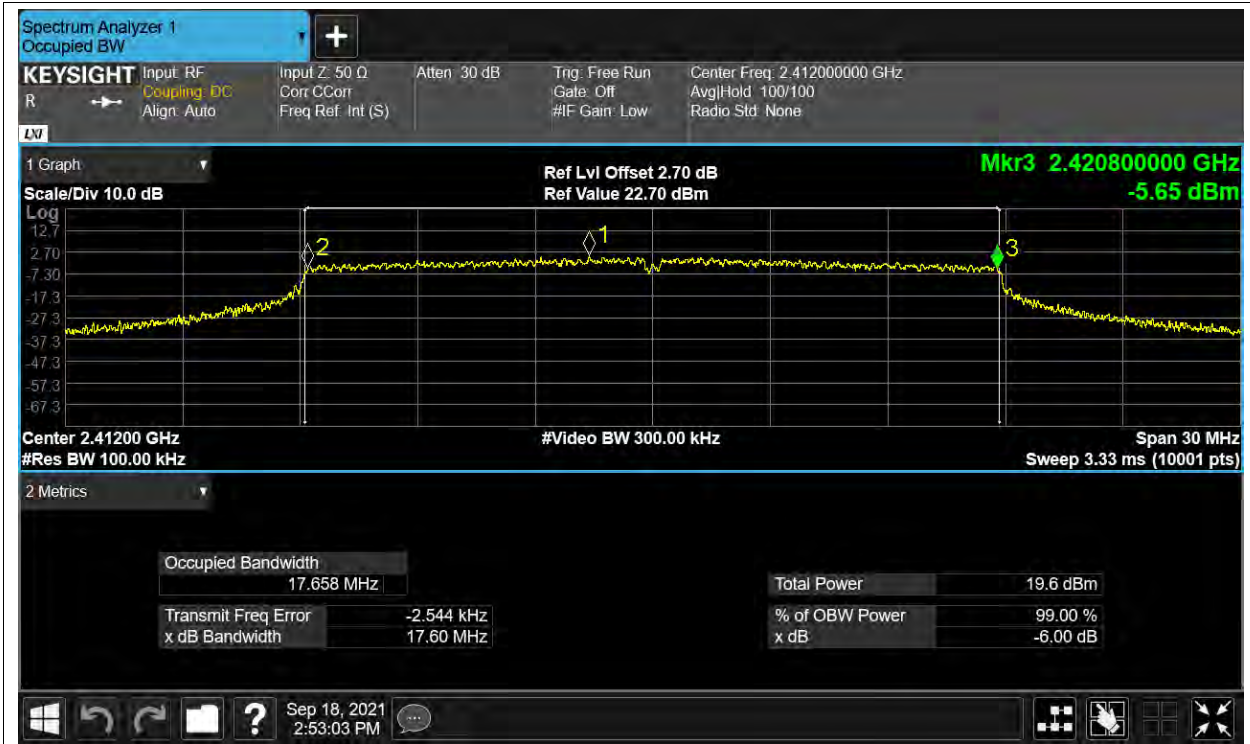
-6dB Bandwidth NVNT g 2437MHz ANT2



-6dB Bandwidth NVNT g 2462MHz ANT2



-6dB Bandwidth NVNT n20 2412MHz ANT1



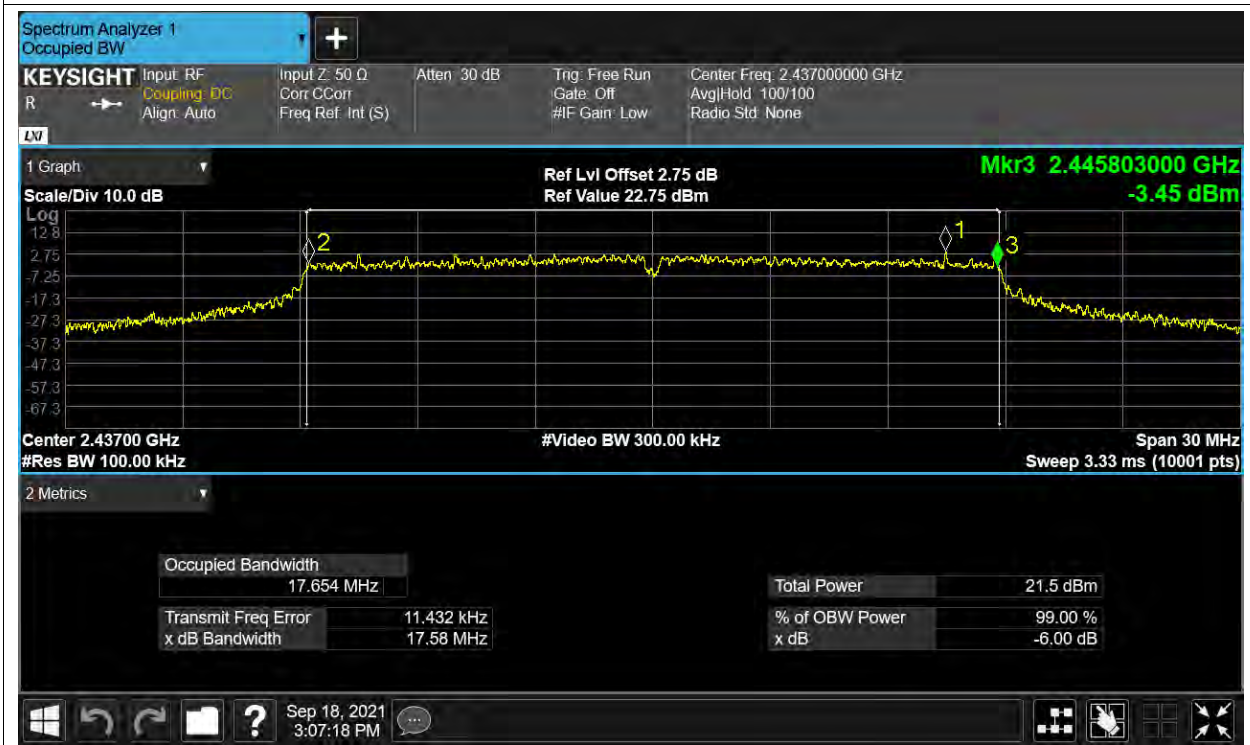
-6dB Bandwidth NVNT n20 2412MHz ANT2



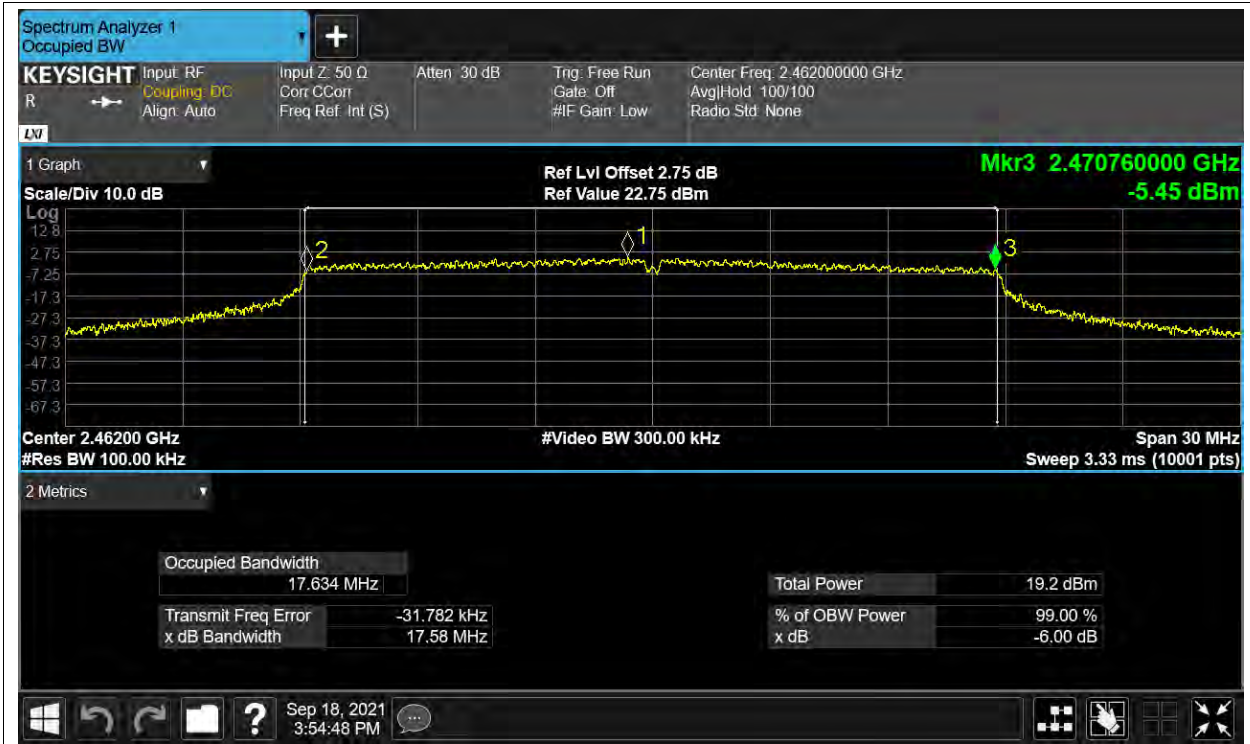
-6dB Bandwidth NVNT n20 2437MHz ANT1



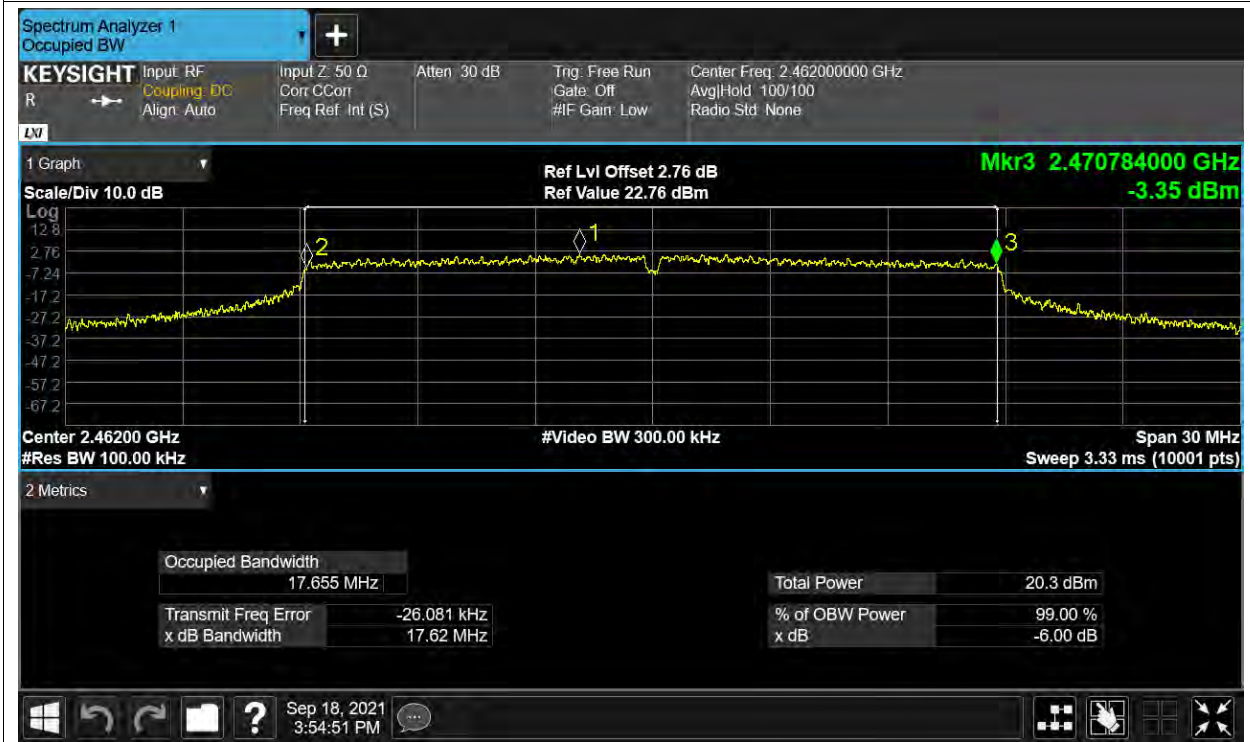
-6dB Bandwidth NVNT n20 2437MHz ANT2



-6dB Bandwidth NVNT n20 2462MHz ANT1



-6dB Bandwidth NVNT n20 2462MHz ANT2



-6dB Bandwidth NVNT n40 2422MHz ANT1



-6dB Bandwidth NVNT n40 2422MHz ANT2



-6dB Bandwidth NVNT n40 2437MHz ANT1



-6dB Bandwidth NVNT n40 2437MHz ANT2



-6dB Bandwidth NVNT n40 2452MHz ANT1



-6dB Bandwidth NVNT n40 2452MHz ANT2

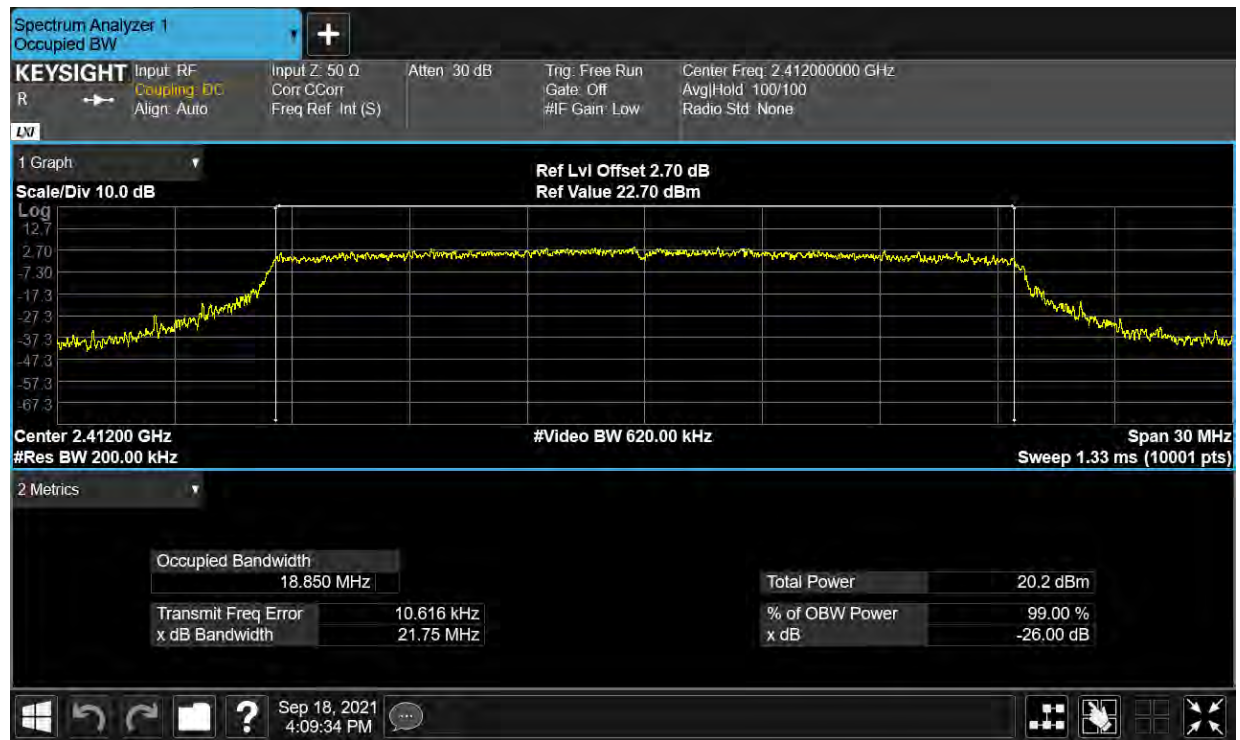


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	ANT1	18.85023742
NVNT	ax20	2412	ANT2	18.89525467
NVNT	ax20	2437	ANT1	18.93545476
NVNT	ax20	2437	ANT2	18.92008862
NVNT	ax20	2462	ANT1	18.87912809
NVNT	ax20	2462	ANT2	18.8942407
NVNT	ax40	2422	ANT1	37.66799586
NVNT	ax40	2422	ANT2	37.67010641
NVNT	ax40	2437	ANT1	37.75593022
NVNT	ax40	2437	ANT2	37.64065605
NVNT	ax40	2452	ANT1	37.53960556
NVNT	ax40	2452	ANT2	37.56247824
NVNT	b	2412	ANT1	12.53964997
NVNT	b	2437	ANT1	12.71569104
NVNT	b	2462	ANT1	12.56013746
NVNT	b	2412	ANT2	12.84528565
NVNT	b	2437	ANT2	12.69646008
NVNT	b	2462	ANT2	12.6608012
NVNT	g	2412	ANT1	16.58160922
NVNT	g	2437	ANT1	16.71972798
NVNT	g	2462	ANT1	16.55597706
NVNT	g	2412	ANT2	16.61211785
NVNT	g	2437	ANT2	16.7040196
NVNT	g	2462	ANT2	16.62976453
NVNT	n20	2412	ANT1	17.74474038
NVNT	n20	2412	ANT2	17.78502133
NVNT	n20	2437	ANT1	17.84961842
NVNT	n20	2437	ANT2	17.79951062
NVNT	n20	2462	ANT1	17.73630688
NVNT	n20	2462	ANT2	17.73746987
NVNT	n40	2422	ANT1	36.05228958
NVNT	n40	2422	ANT2	36.03187049
NVNT	n40	2437	ANT1	35.99356856
NVNT	n40	2437	ANT2	35.9237718
NVNT	n40	2452	ANT1	35.75177197
NVNT	n40	2452	ANT2	35.90492814

Test Graphs

OBW NVNT ax20 2412MHz ANT1



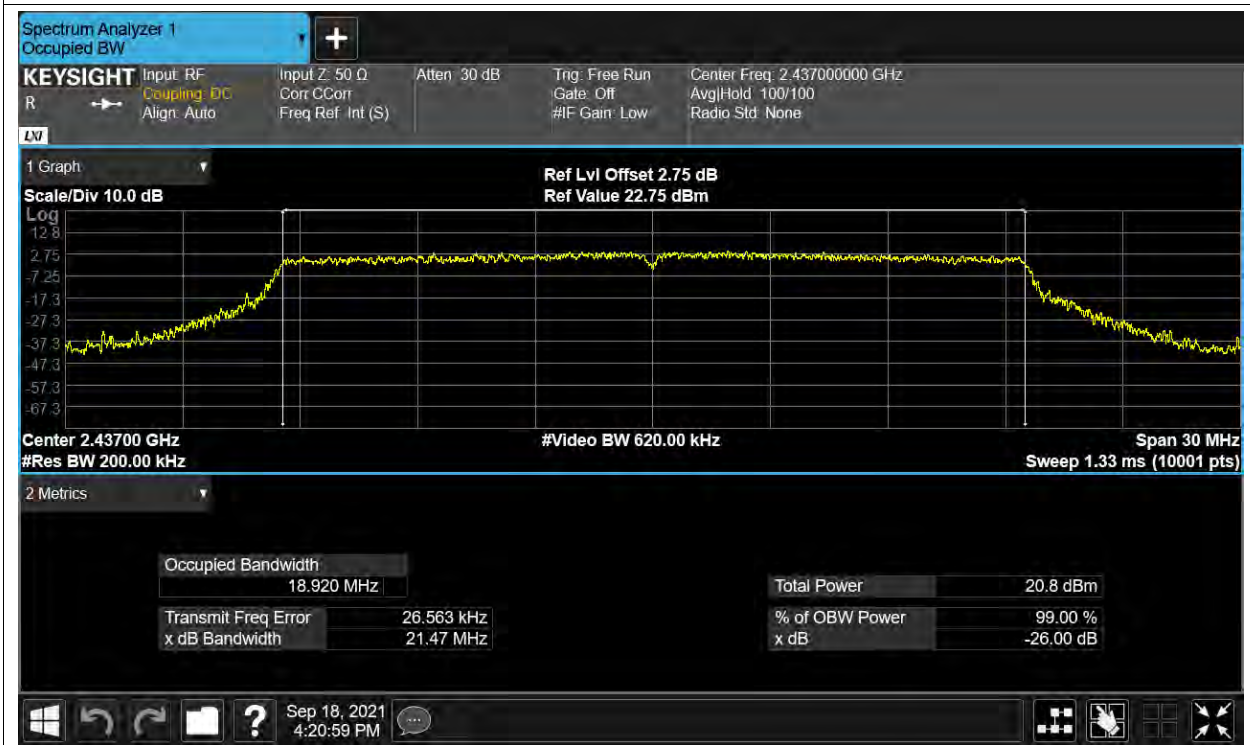
OBW NVNT ax20 2412MHz ANT2



OBW NVNT ax20 2437MHz ANT1



OBW NVNT ax20 2437MHz ANT2



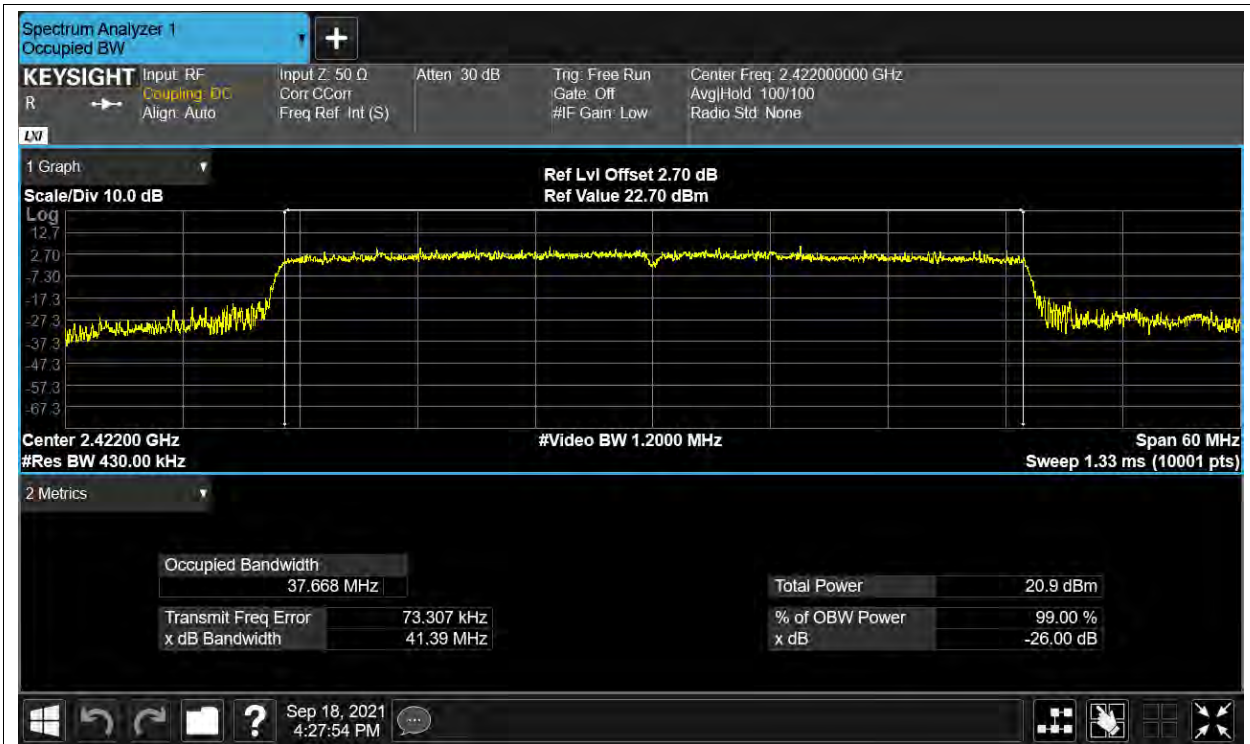
OBW NVNT ax20 2462MHz ANT1



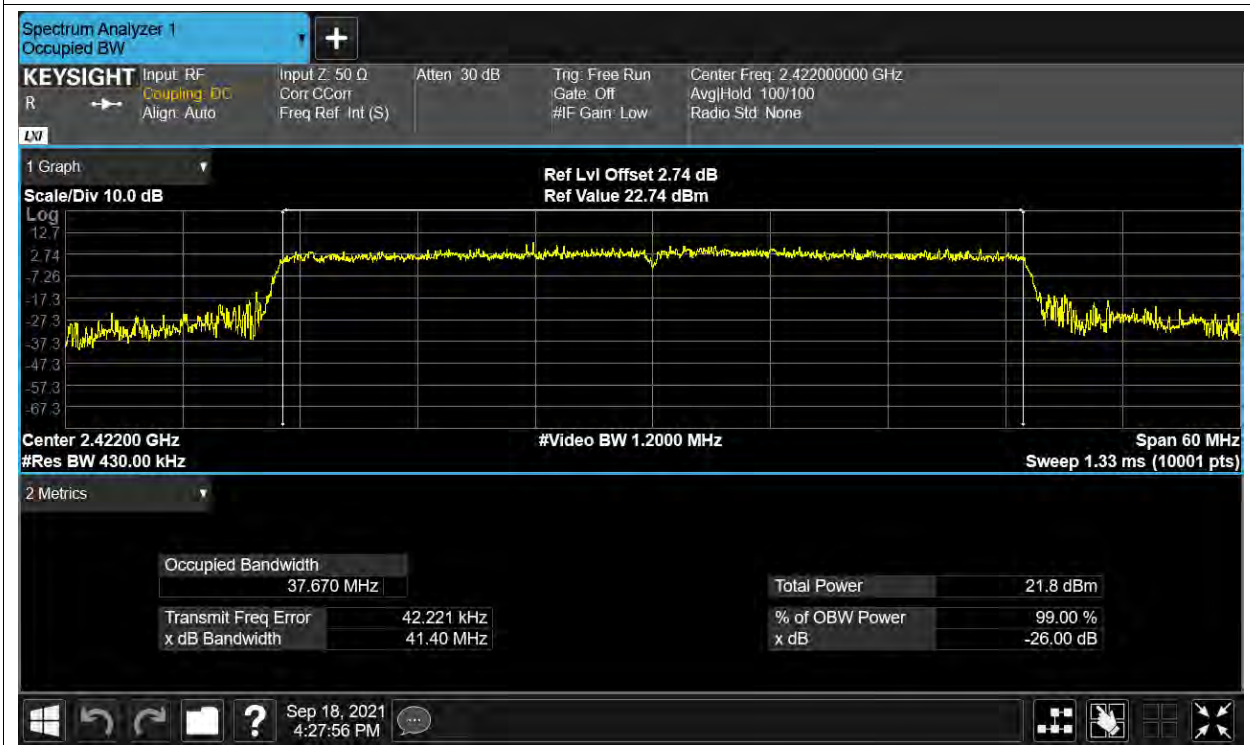
OBW NVNT ax20 2462MHz ANT2



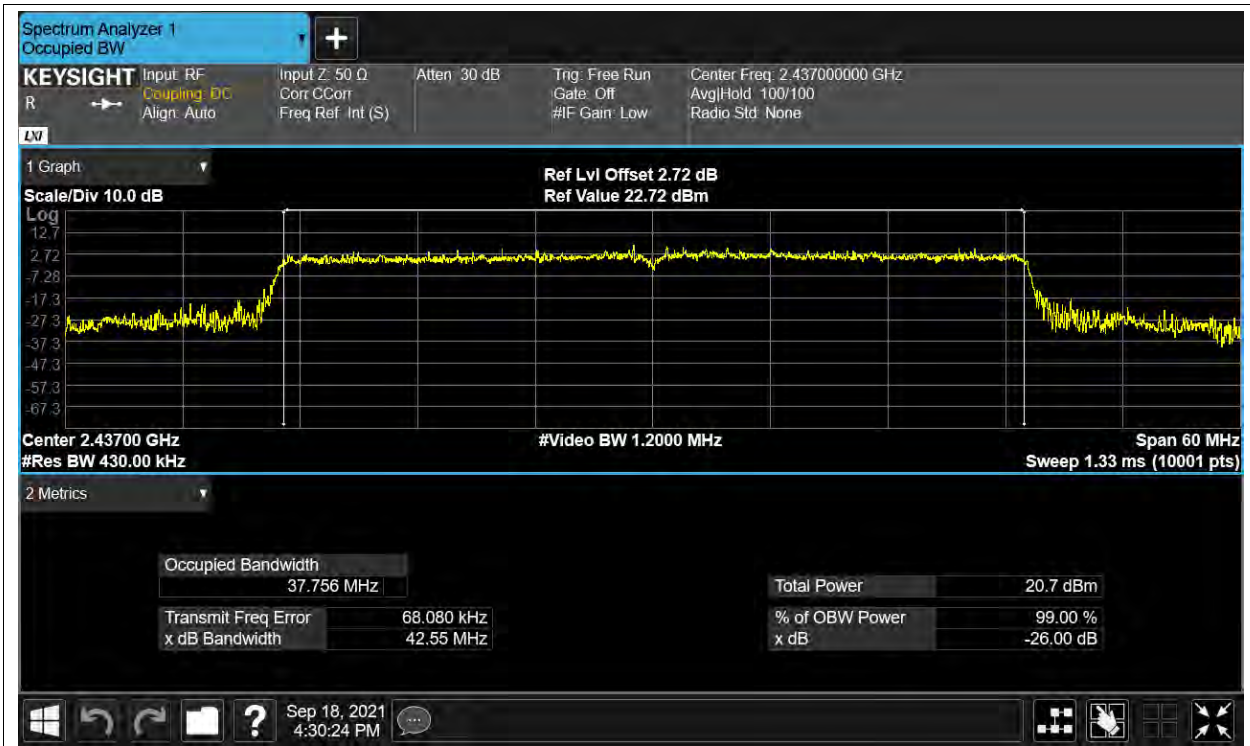
OBW NVNT ax40 2422MHz ANT1



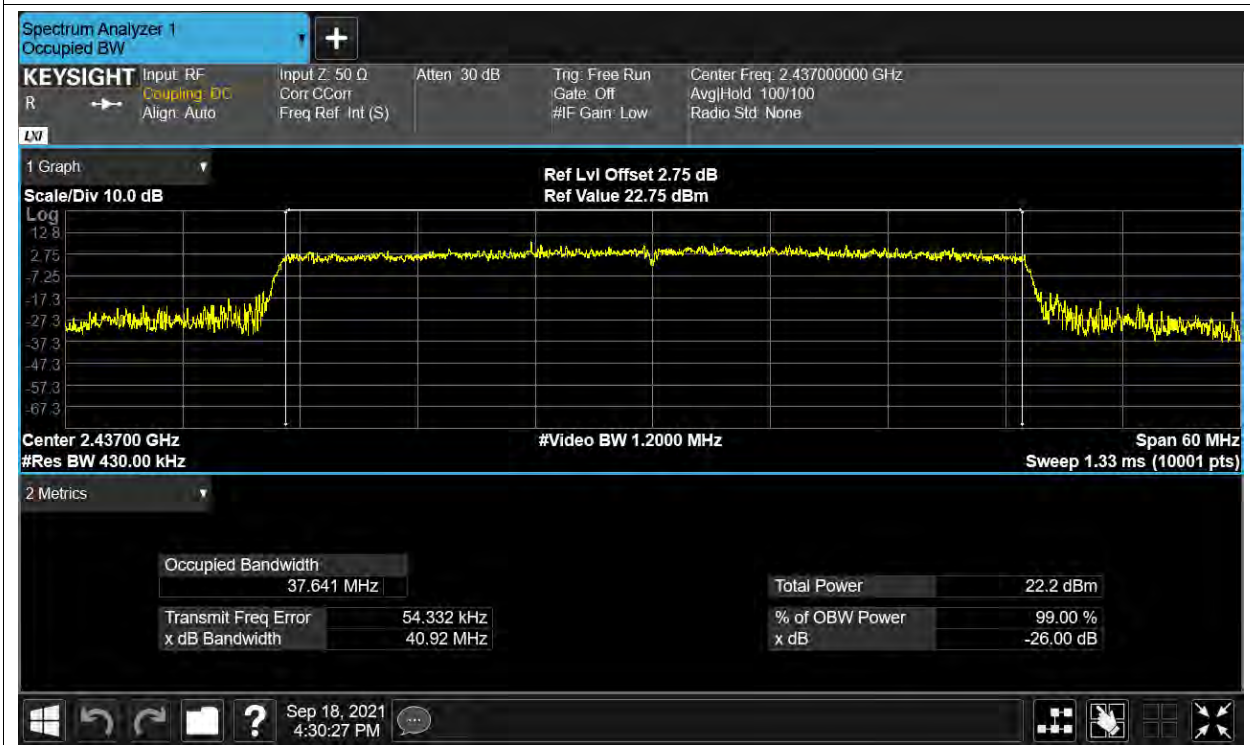
OBW NVNT ax40 2422MHz ANT2



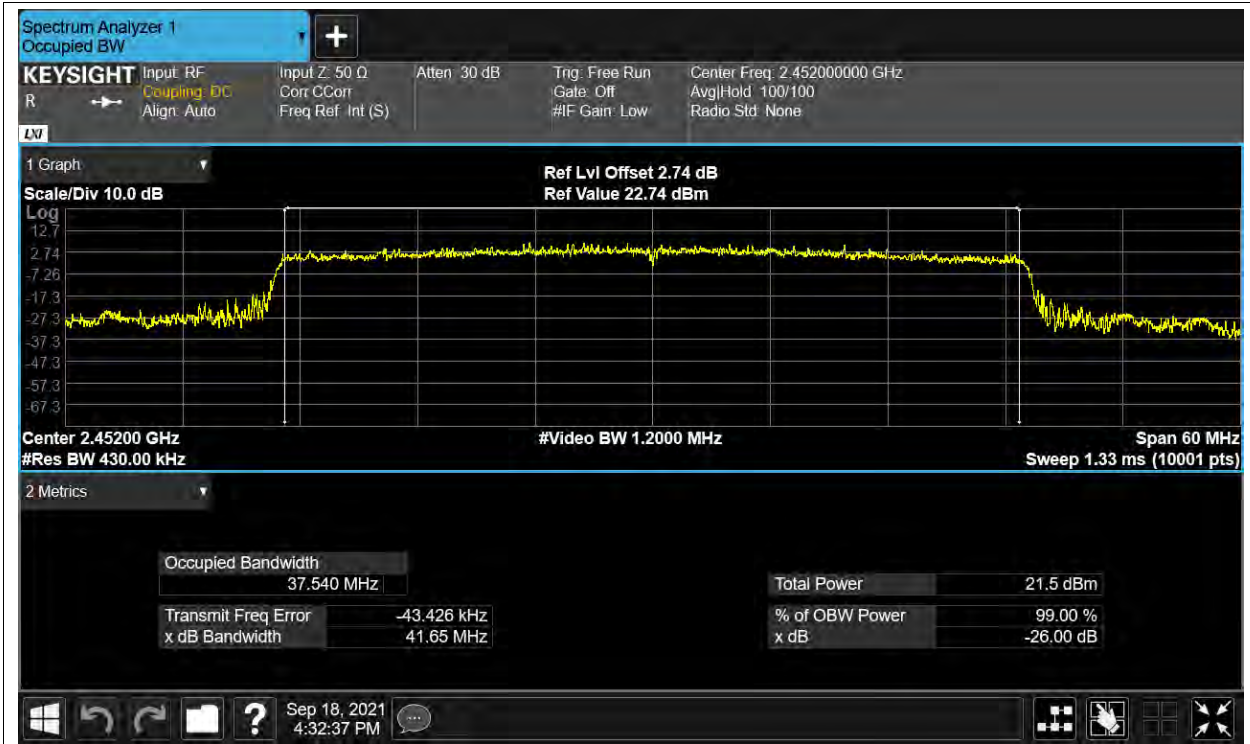
OBW NVNT ax40 2437MHz ANT1



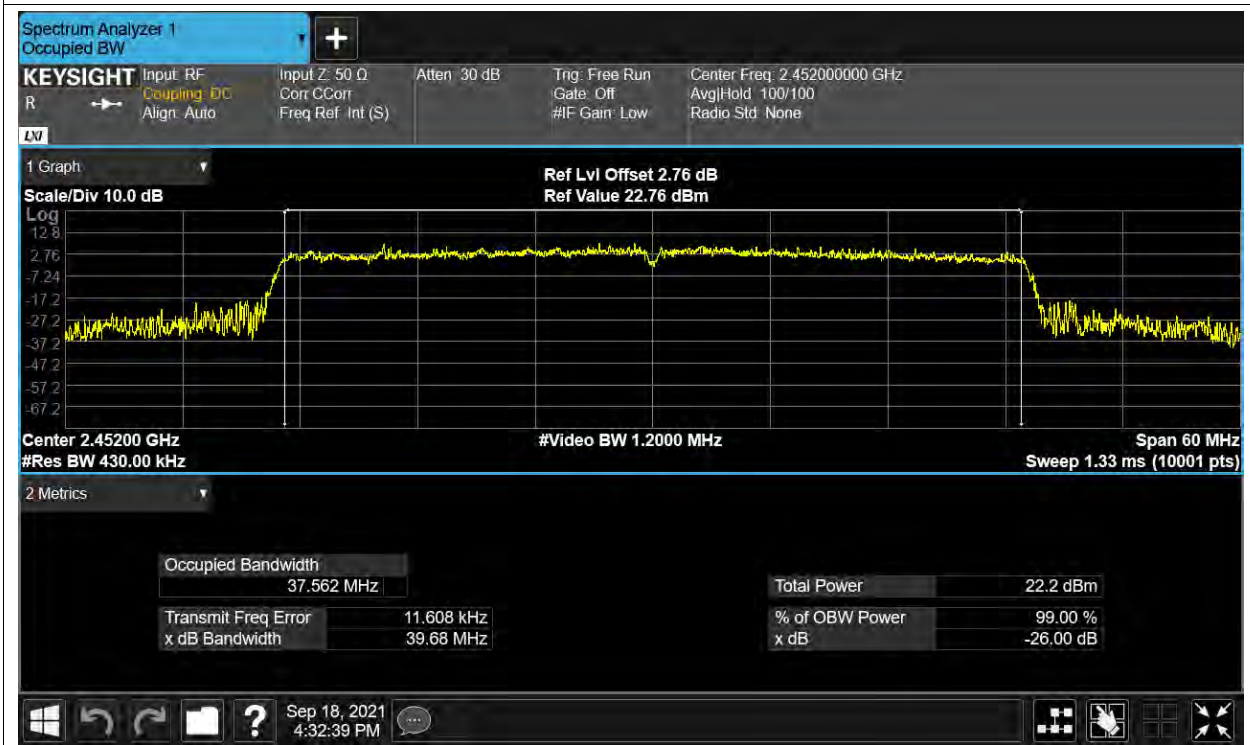
OBW NVNT ax40 2437MHz ANT2



OBW NVNT ax40 2452MHz ANT1



OBW NVNT ax40 2452MHz ANT2



OBW NVNT b 2412MHz ANT1



OBW NVNT b 2437MHz ANT1



OBW NVNT b 2462MHz ANT1



OBW NVNT b 2412MHz ANT2



OBW NVNT b 2437MHz ANT2



OBW NVNT b 2462MHz ANT2



OBW NVNT g 2412MHz ANT1



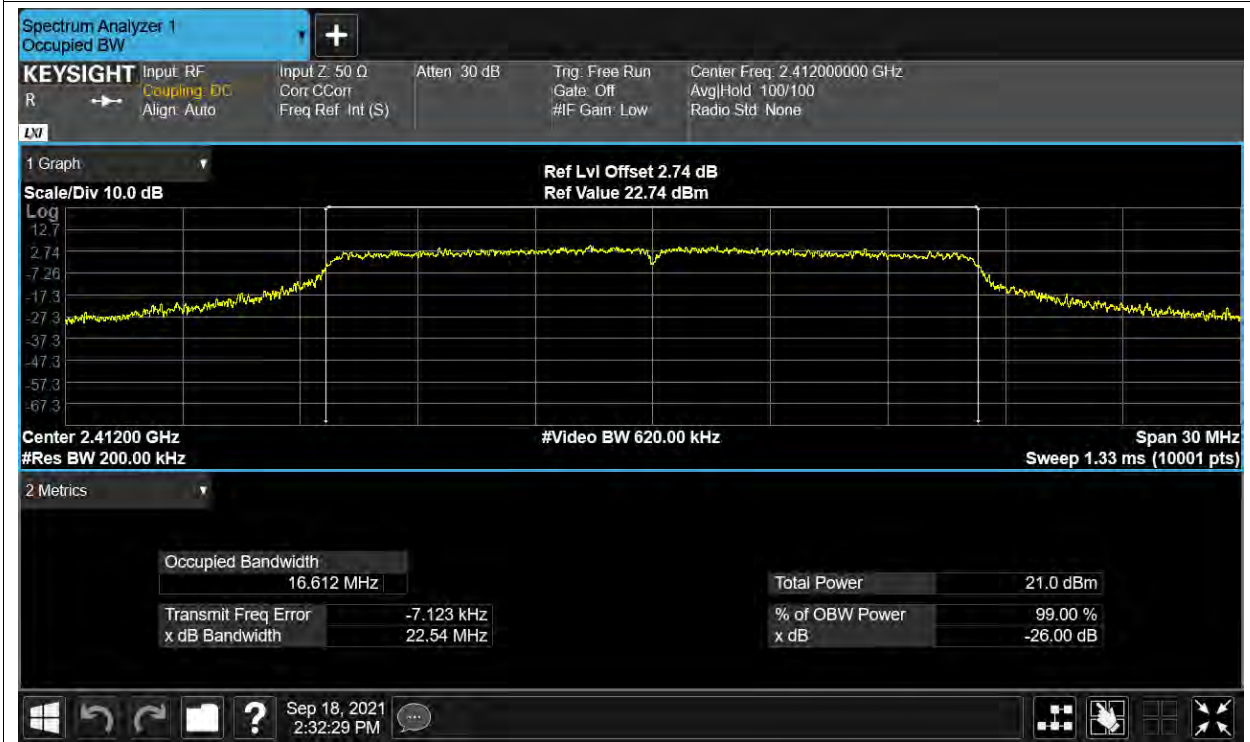
OBW NVNT g 2437MHz ANT1



OBW NVNT g 2462MHz ANT1



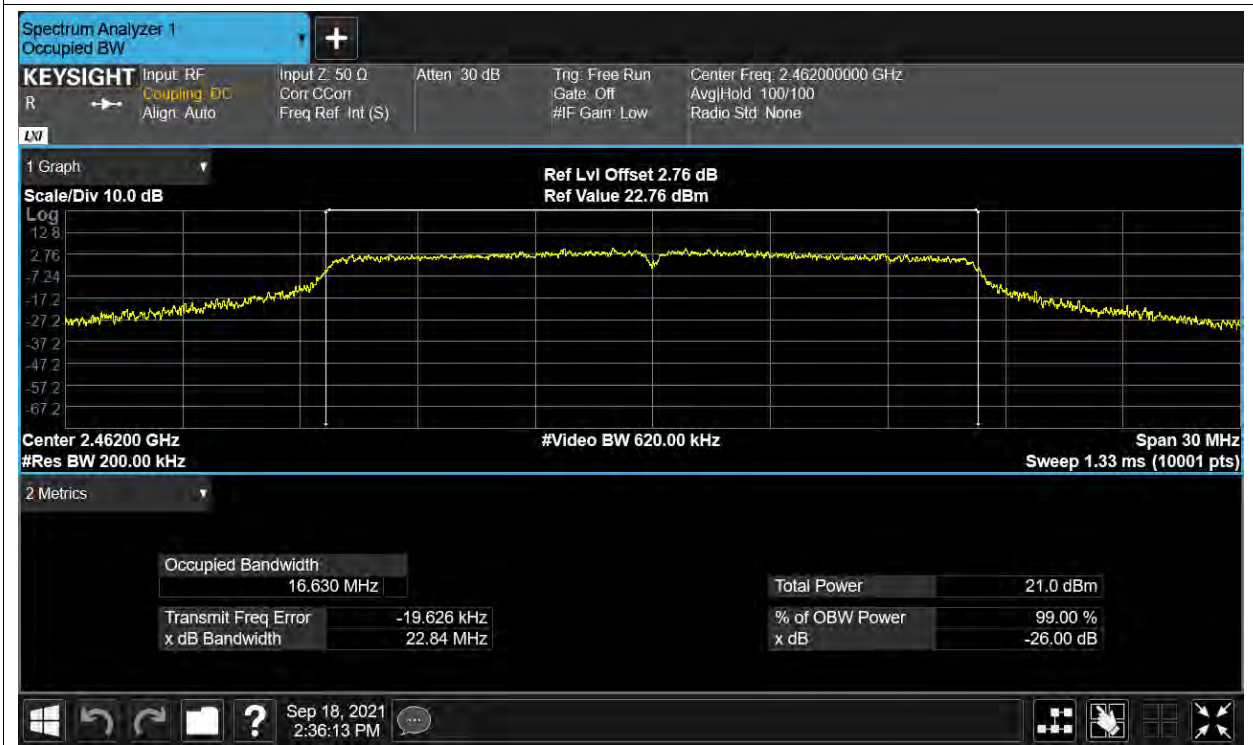
OBW NVNT g 2412MHz ANT2



OBW NVNT g 2437MHz ANT2



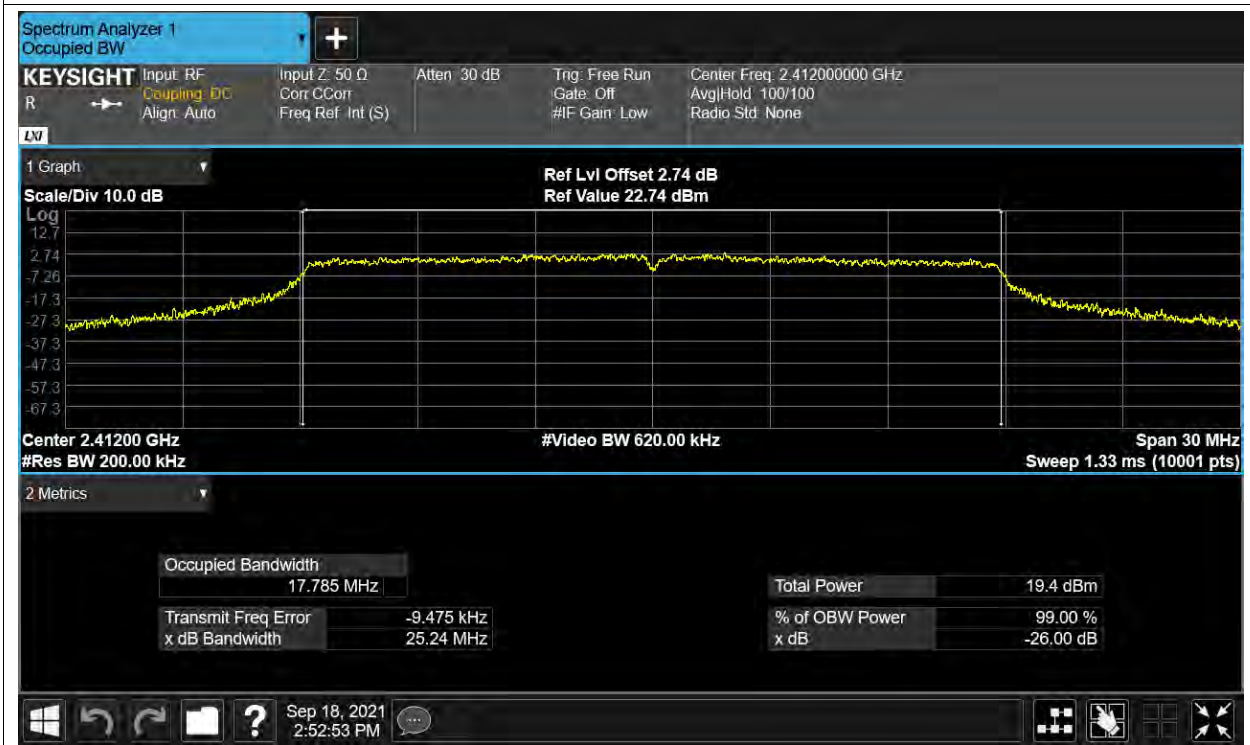
OBW NVNT g 2462MHz ANT2



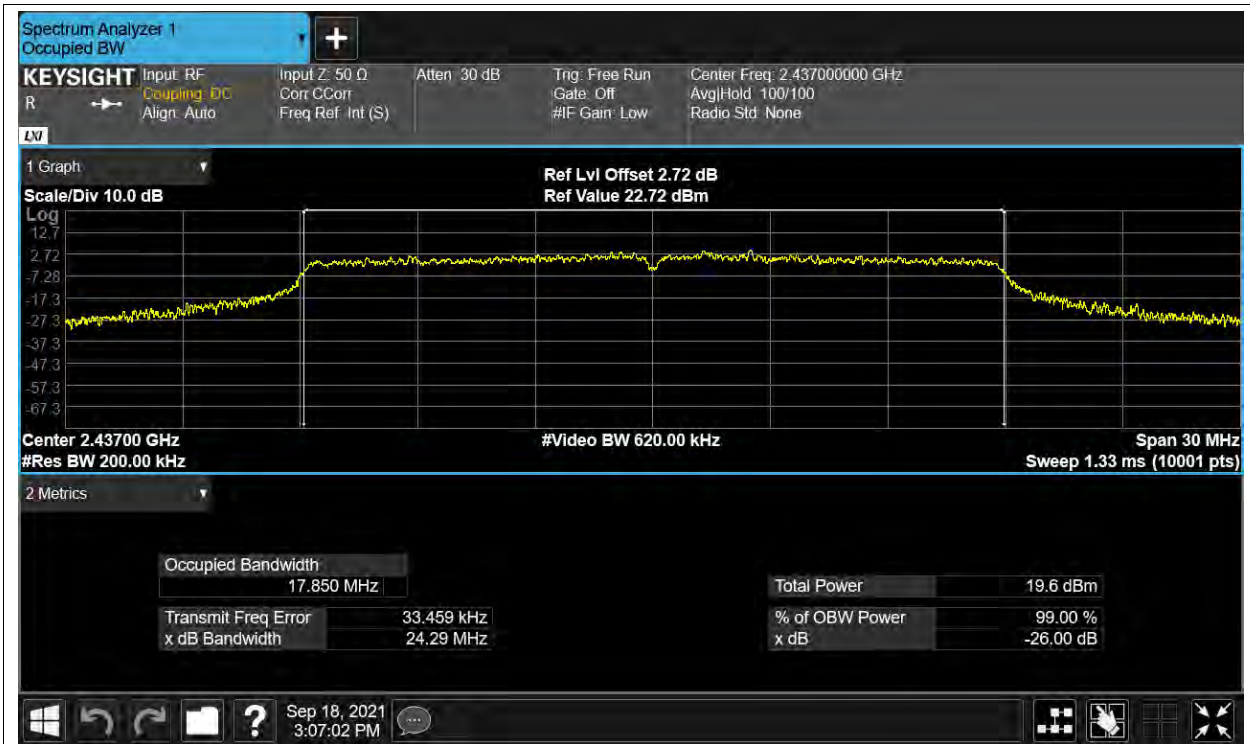
OBW NVNT n20 2412MHz ANT1



OBW NVNT n20 2412MHz ANT2



OBW NVNT n20 2437MHz ANT1



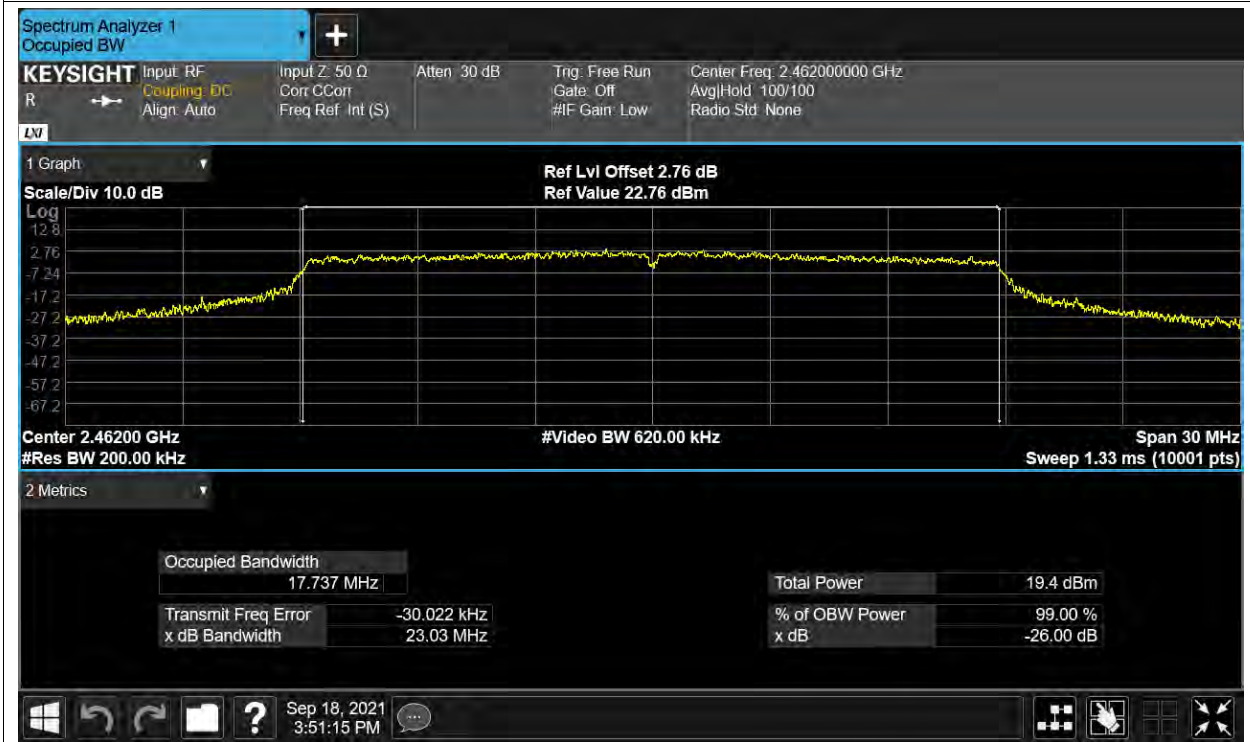
OBW NVNT n20 2437MHz ANT2



OBW NVNT n20 2462MHz ANT1



OBW NVNT n20 2462MHz ANT2



OBW NVNT n40 2422MHz ANT1



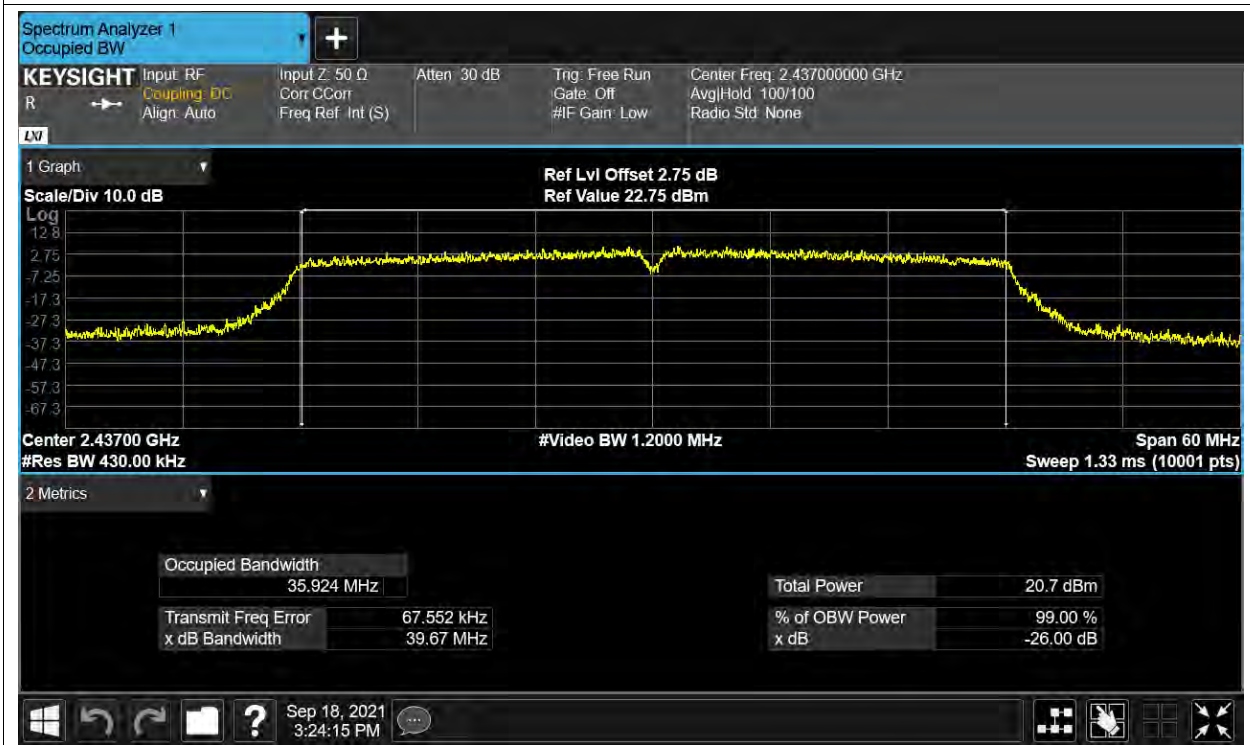
OBW NVNT n40 2422MHz ANT2



OBW NVNT n40 2437MHz ANT1



OBW NVNT n40 2437MHz ANT2



OBW NVNT n40 2452MHz ANT1



OBW NVNT n40 2452MHz ANT2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	ANT1	-6.467	8	Pass
NVNT	ax20	2412	ANT2	-6.135	8	Pass
NVNT	ax20	2412	MIMO	-3.288	8	Pass
NVNT	ax20	2437	ANT1	-7.648	8	Pass
NVNT	ax20	2437	ANT2	-5.974	8	Pass
NVNT	ax20	2437	MIMO	-3.721	8	Pass
NVNT	ax20	2462	ANT1	-6.294	8	Pass
NVNT	ax20	2462	ANT2	-5.837	8	Pass
NVNT	ax20	2462	MIMO	-3.049	8	Pass
NVNT	ax40	2422	ANT1	-6.483	8	Pass
NVNT	ax40	2422	ANT2	-5.812	8	Pass
NVNT	ax40	2422	MIMO	-3.124	8	Pass
NVNT	ax40	2437	ANT1	-6.597	8	Pass
NVNT	ax40	2437	ANT2	-5.018	8	Pass
NVNT	ax40	2437	MIMO	-2.726	8	Pass
NVNT	ax40	2452	ANT1	-5.407	8	Pass
NVNT	ax40	2452	ANT2	-5.025	8	Pass
NVNT	ax40	2452	MIMO	-2.202	8	Pass
NVNT	b	2412	ANT1	-15.723	8	Pass
NVNT	b	2437	ANT1	-16.876	8	Pass
NVNT	b	2462	ANT1	-16.073	8	Pass
NVNT	b	2412	ANT2	-15.576	8	Pass
NVNT	b	2437	ANT2	-14.921	8	Pass
NVNT	b	2462	ANT2	-14.909	8	Pass
NVNT	g	2412	ANT1	-17.39	8	Pass
NVNT	g	2437	ANT1	-19.232	8	Pass
NVNT	g	2462	ANT1	-16.929	8	Pass
NVNT	g	2412	ANT2	-18.181	8	Pass
NVNT	g	2437	ANT2	-17.897	8	Pass
NVNT	g	2462	ANT2	-17.947	8	Pass
NVNT	n20	2412	ANT1	-8.797	8	Pass
NVNT	n20	2412	ANT2	-15.818	8	Pass
NVNT	n20	2412	MIMO	-8.01	8	Pass
NVNT	n20	2437	ANT1	-17.122	8	Pass
NVNT	n20	2437	ANT2	-14.437	8	Pass
NVNT	n20	2437	MIMO	-12.565	8	Pass
NVNT	n20	2462	ANT1	-10.81	8	Pass
NVNT	n20	2462	ANT2	-16.311	8	Pass
NVNT	n20	2462	MIMO	-9.732	8	Pass

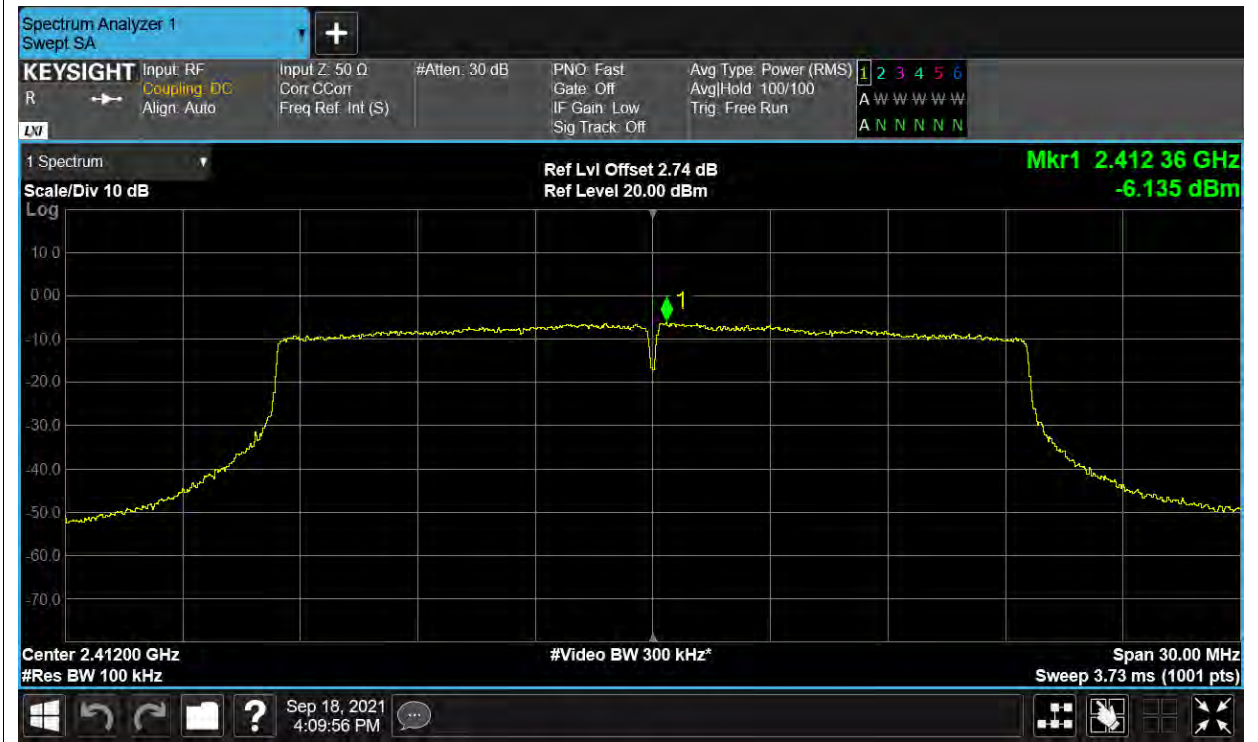
NVNT	n40	2422	ANT1	-10.826	8	Pass
NVNT	n40	2422	ANT2	-18.64	8	Pass
NVNT	n40	2422	MIMO	-10.161	8	Pass
NVNT	n40	2437	ANT1	-23.113	8	Pass
NVNT	n40	2437	ANT2	-22.078	8	Pass
NVNT	n40	2437	MIMO	-19.554	8	Pass
NVNT	n40	2452	ANT1	-24.728	8	Pass
NVNT	n40	2452	ANT2	-24.695	8	Pass
NVNT	n40	2452	MIMO	-21.701	8	Pass

Test Graphs

PSD NVNT ax20 2412MHz ANT1



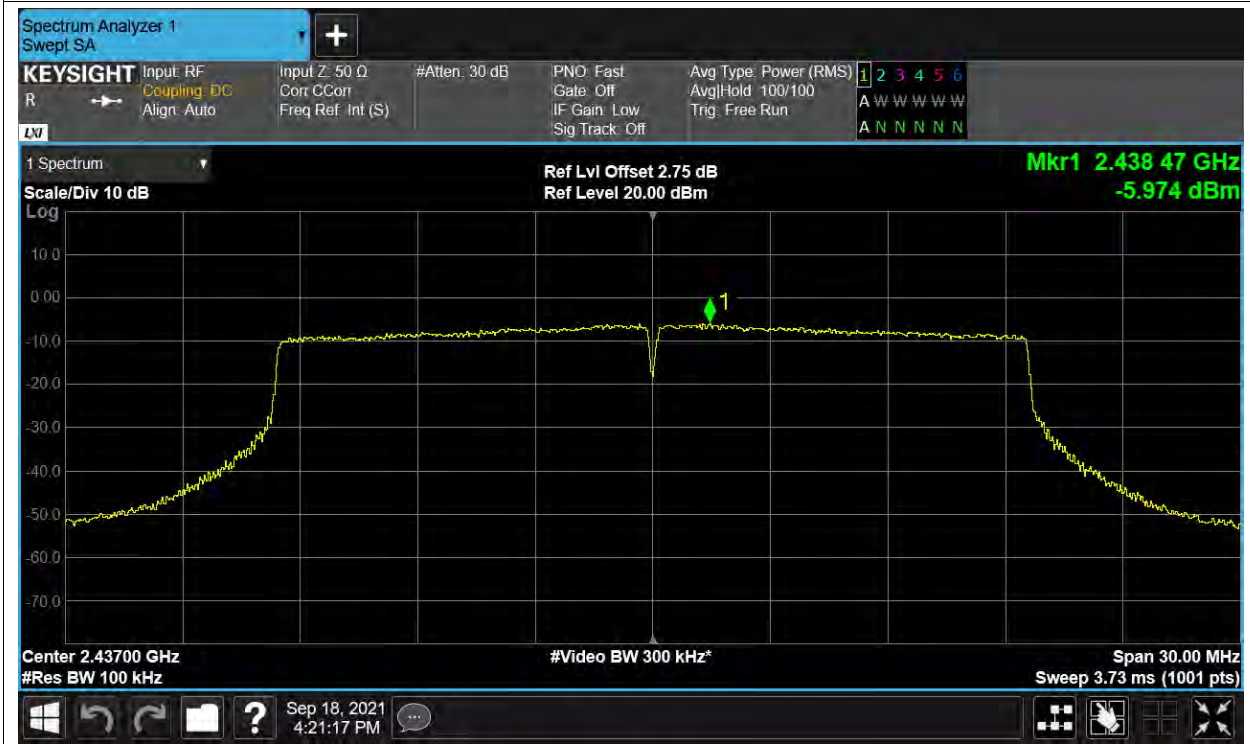
PSD NVNT ax20 2412MHz ANT2



PSD NVNT ax20 2437MHz ANT1



PSD NVNT ax20 2437MHz ANT2



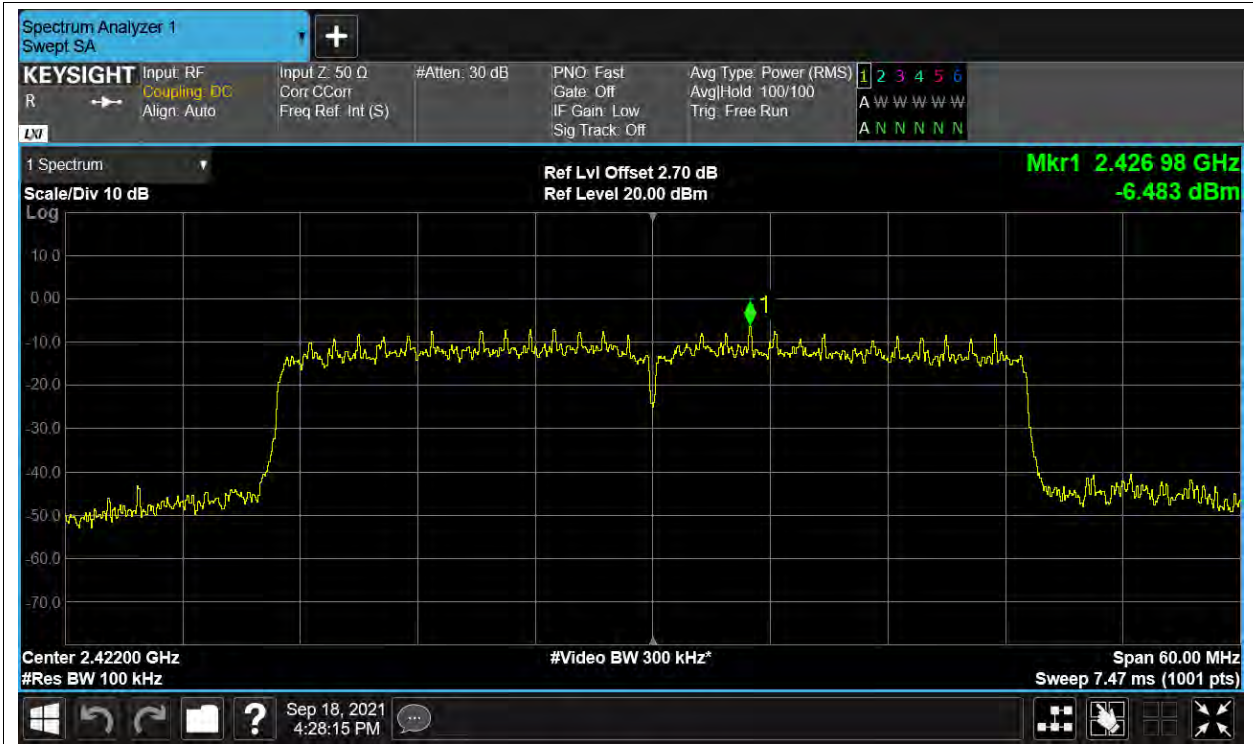
PSD NVNT ax20 2462MHz ANT1



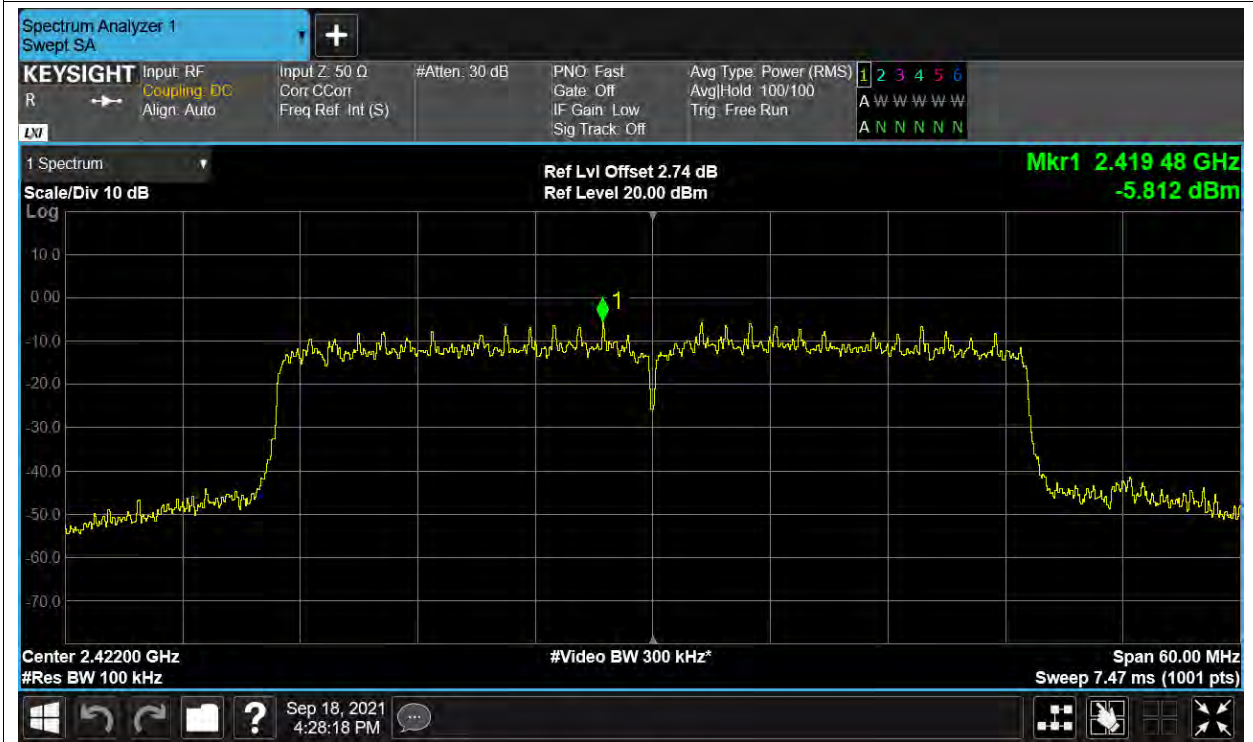
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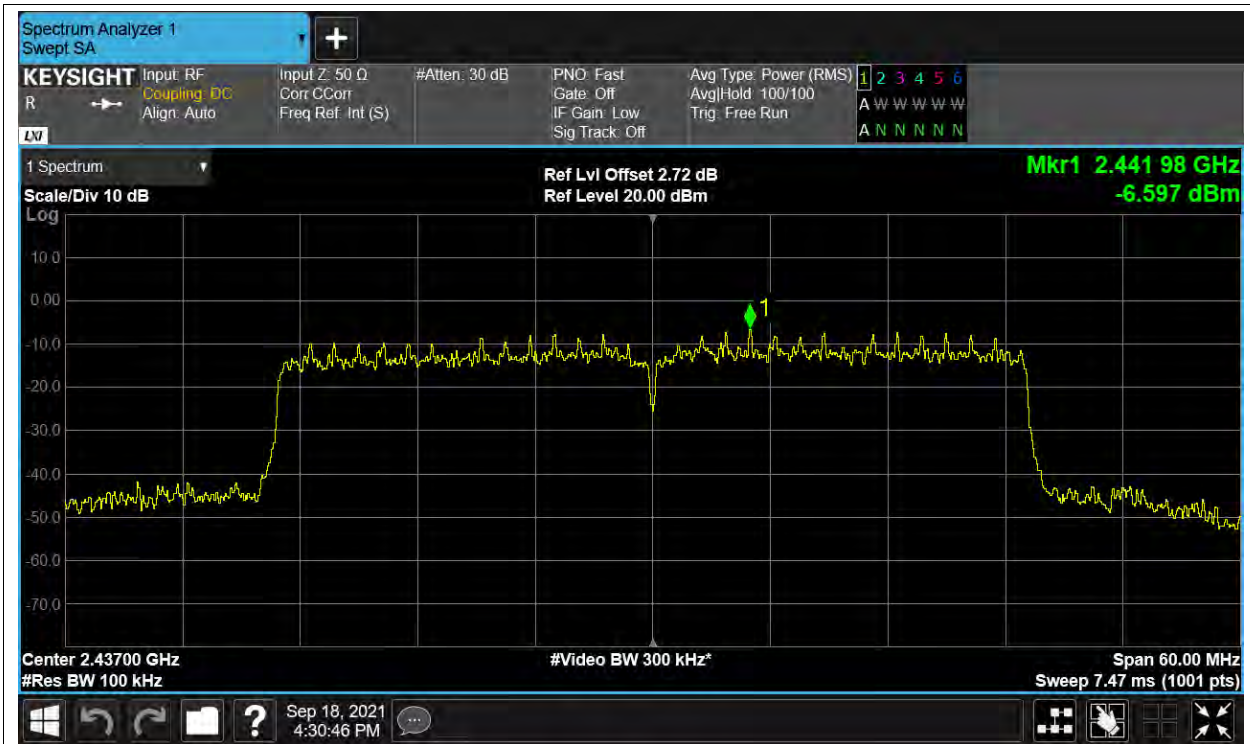
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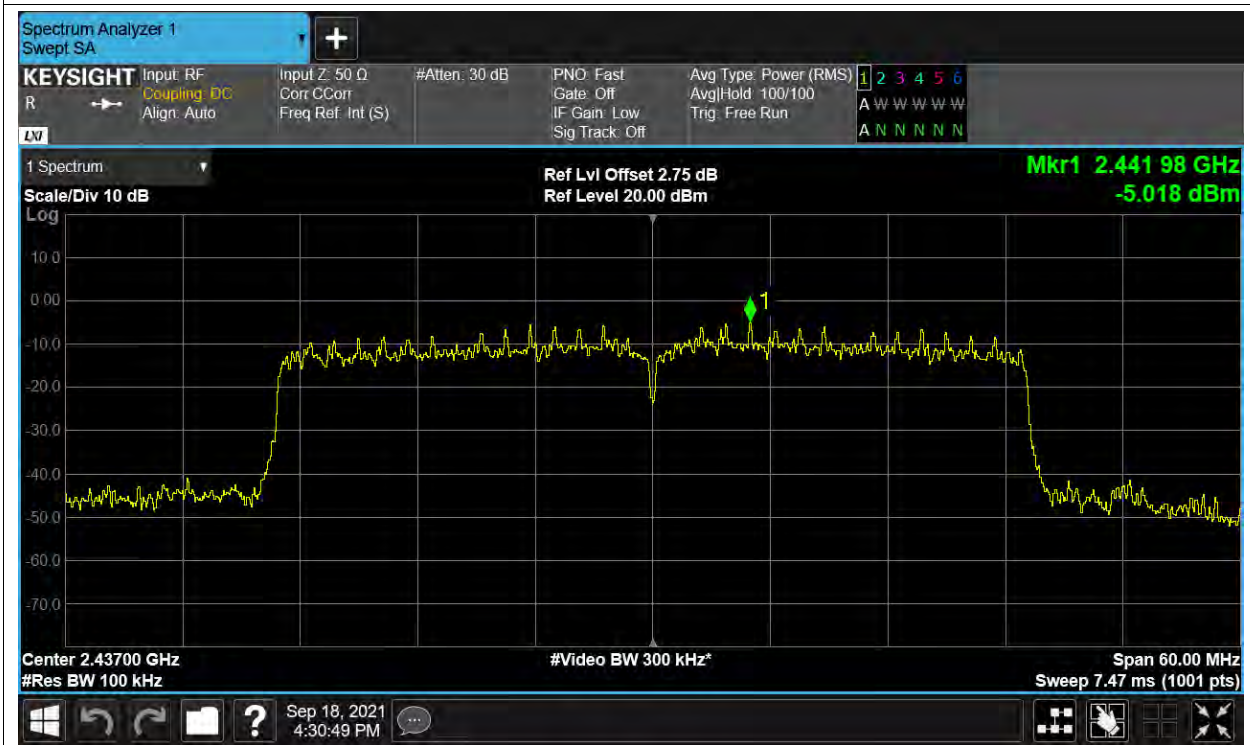
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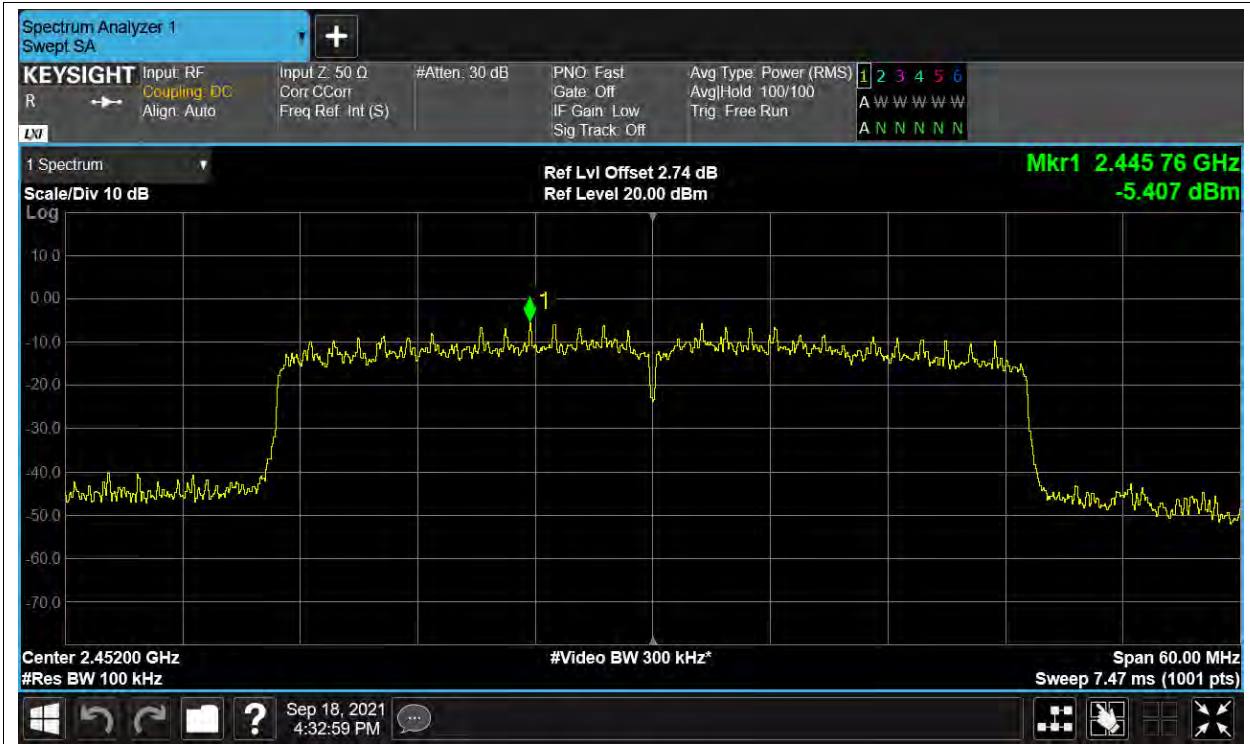
PSD NVNT ax40 2437MHz ANT1



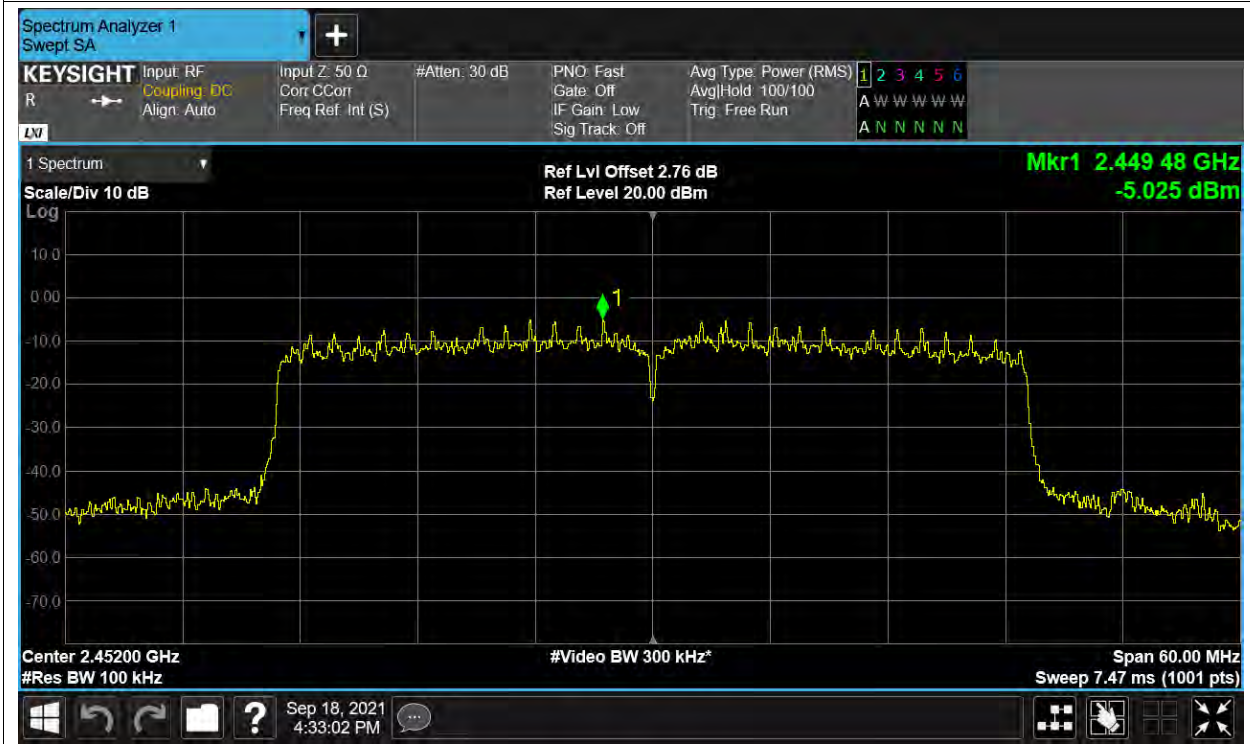
PSD NVNT ax40 2437MHz ANT2



PSD NVNT ax40 2452MHz ANT1



PSD NVNT ax40 2452MHz ANT2



PSD NVNT b 2412MHz ANT1



PSD NVNT b 2437MHz ANT1



PSD NVNT b 2462MHz ANT1



PSD NVNT b 2412MHz ANT2



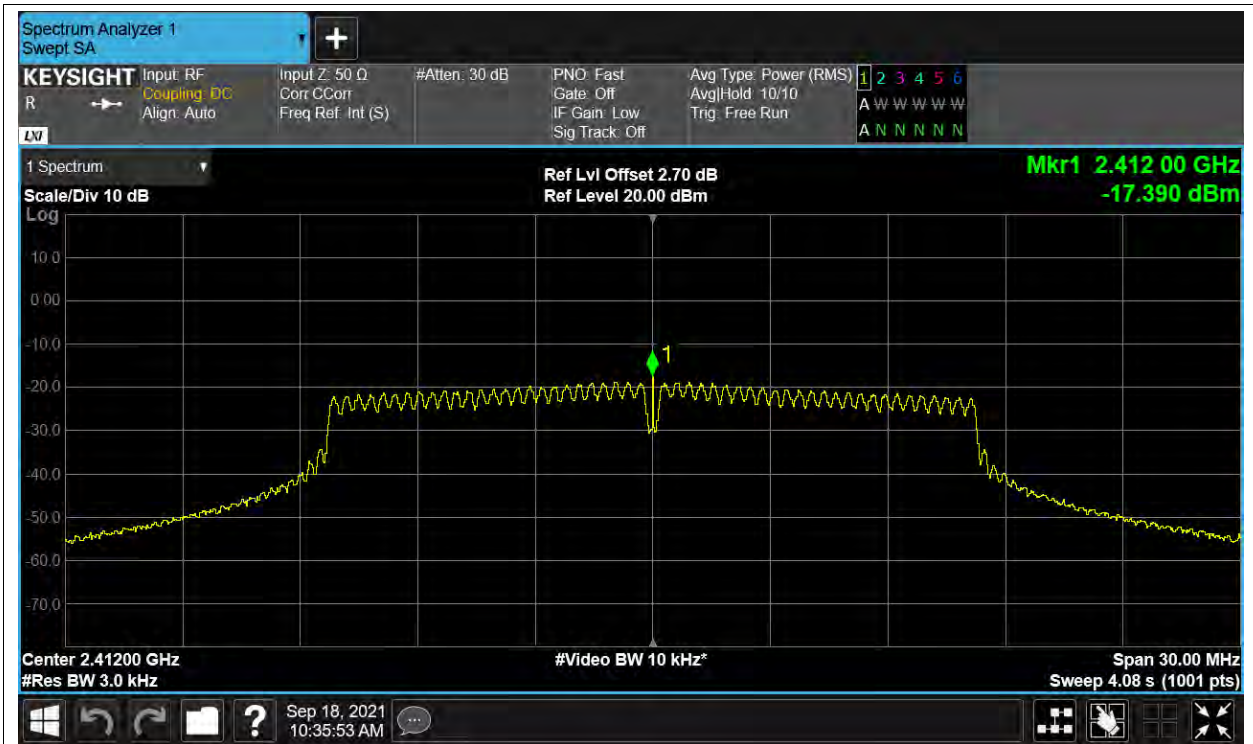
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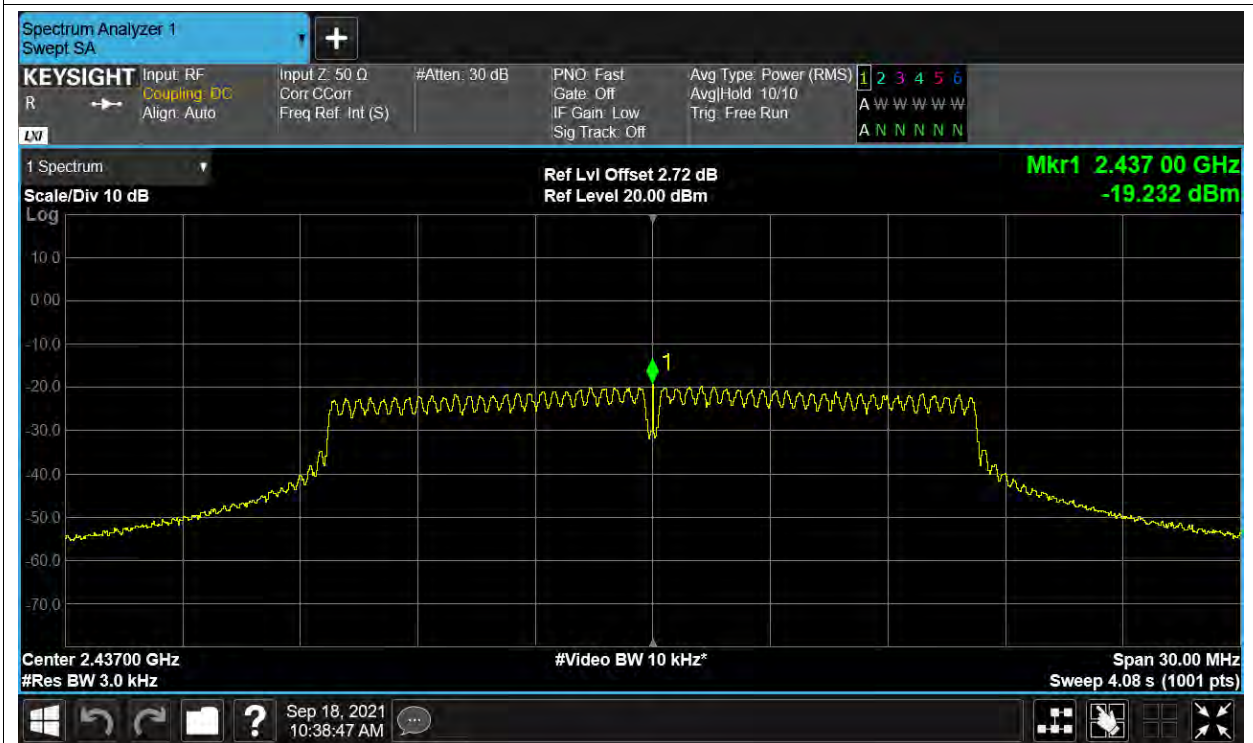
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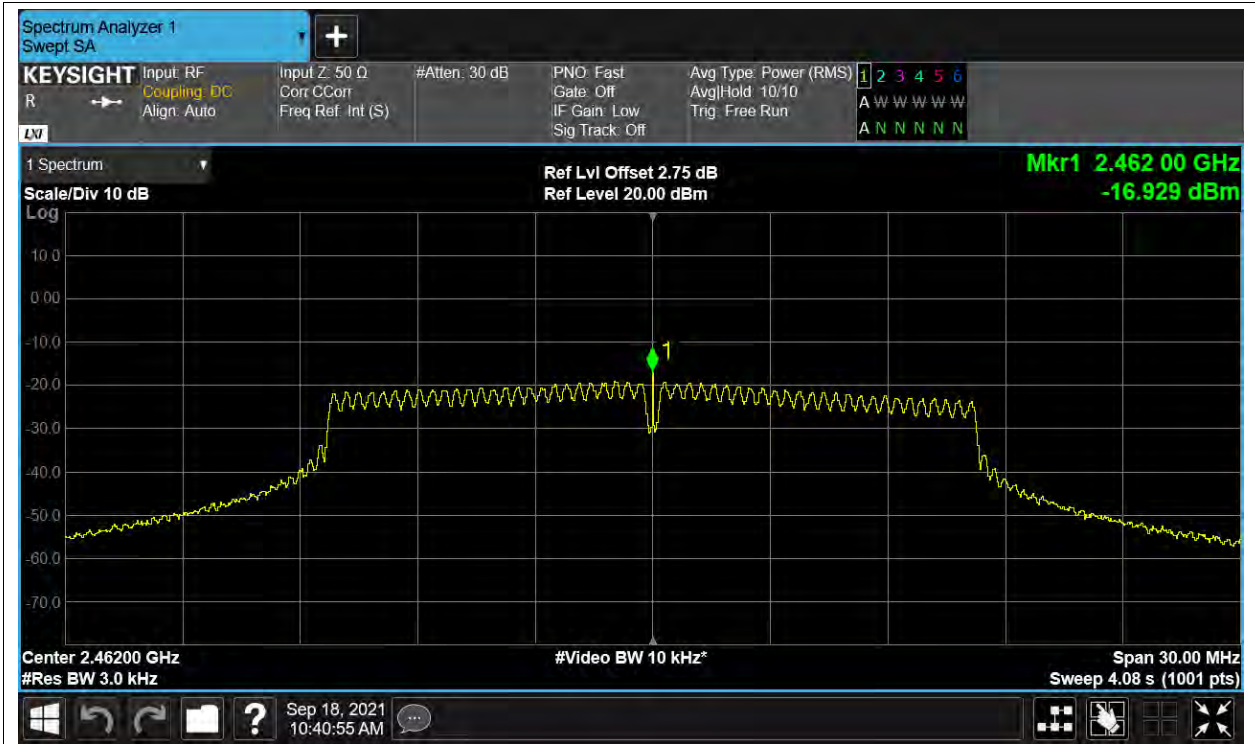
PSD NVNT g 2412MHz ANT1



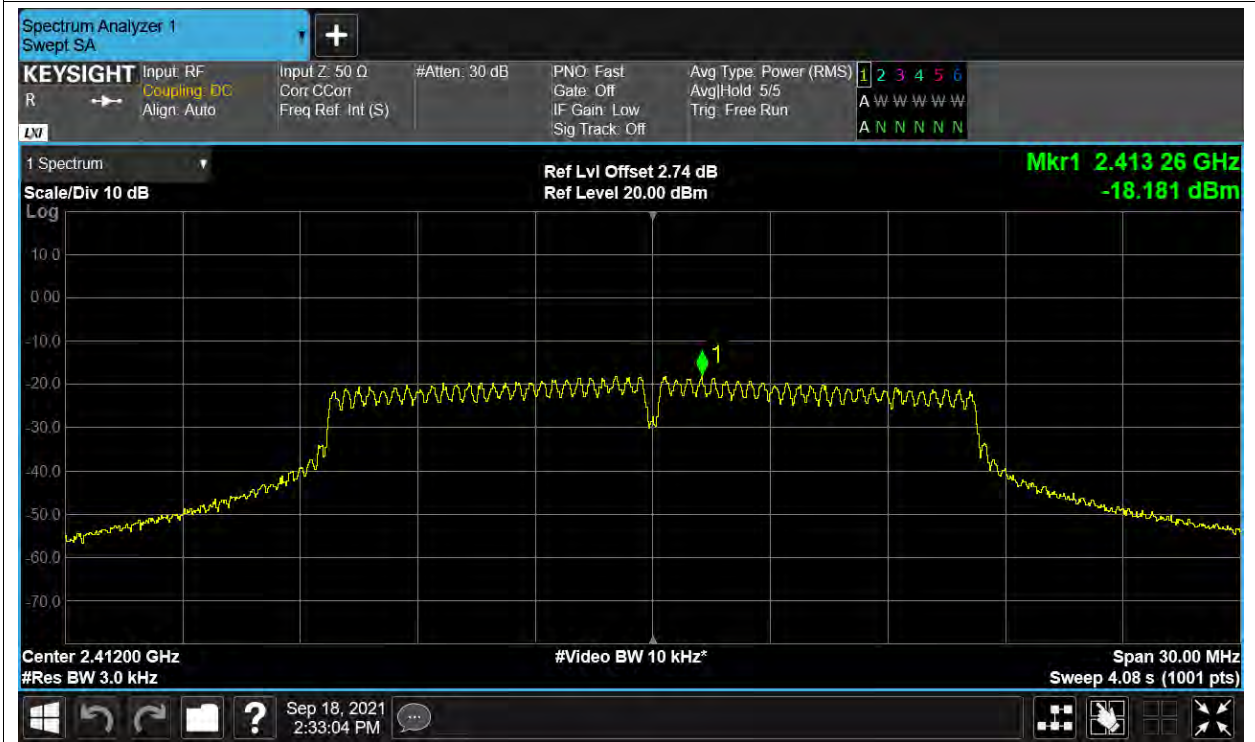
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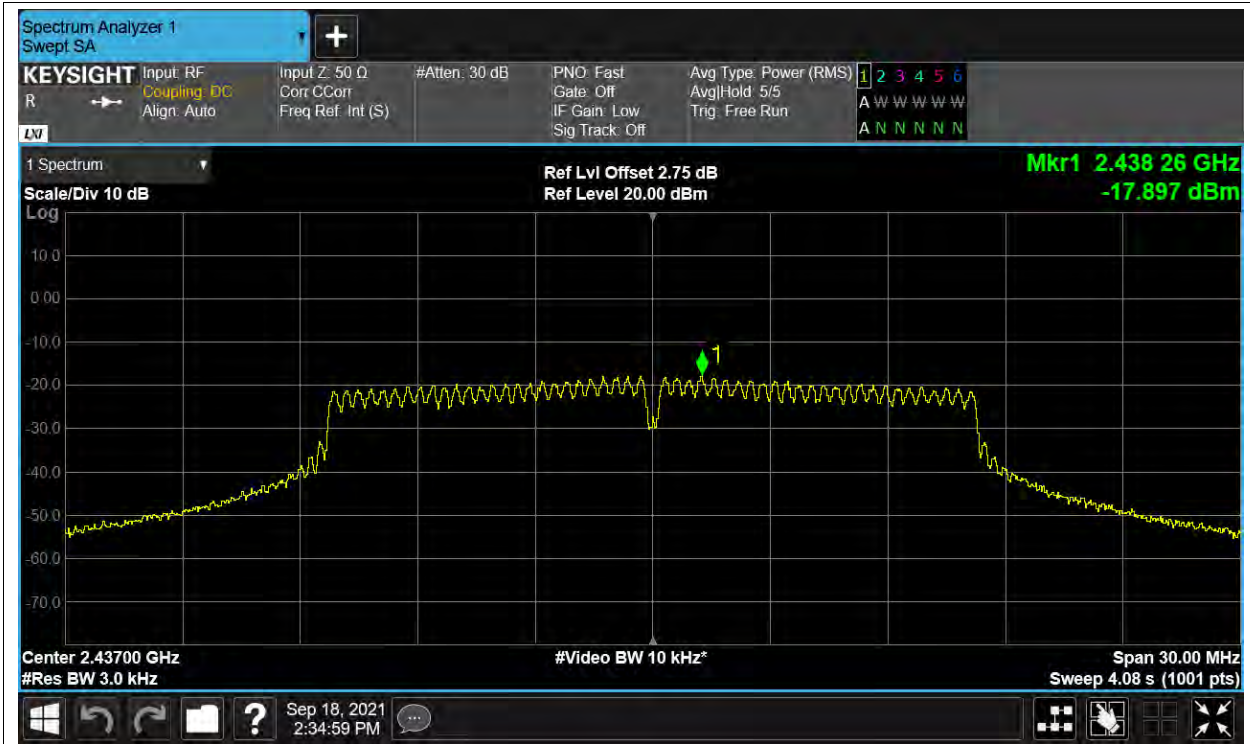
PSD NVNT g 2462MHz ANT1



PSD NVNT g 2412MHz ANT2



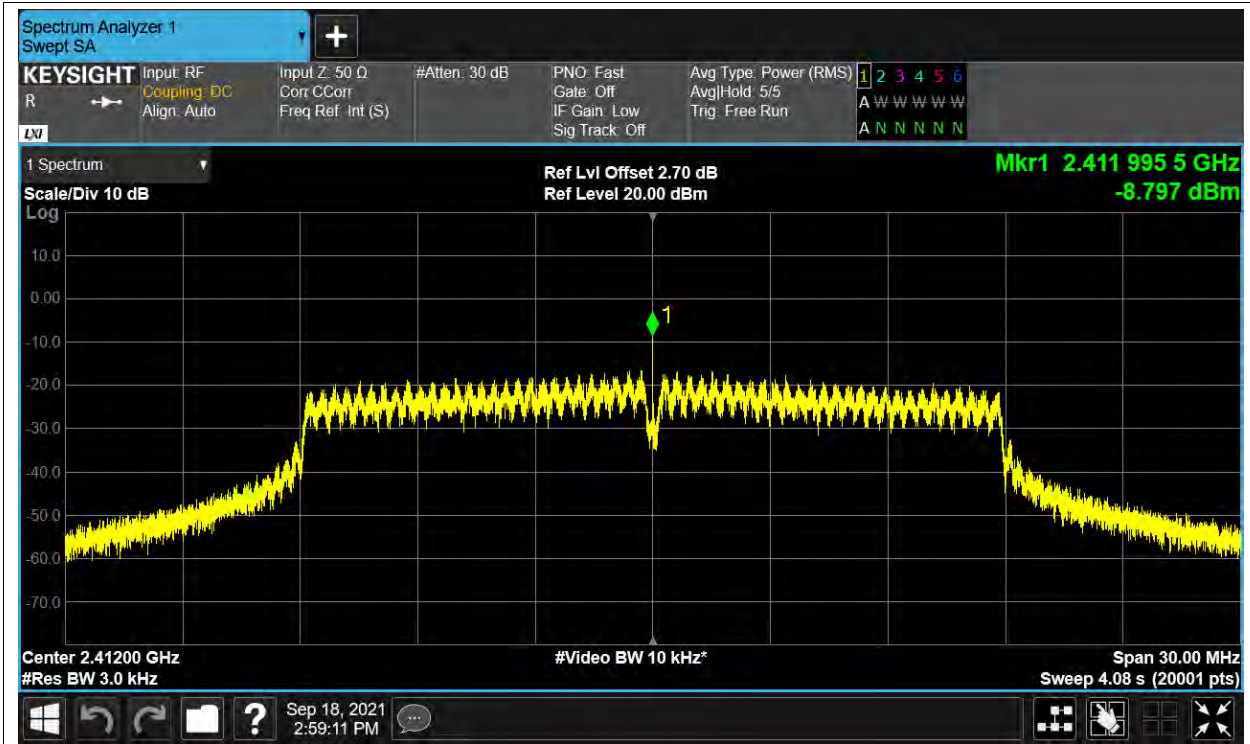
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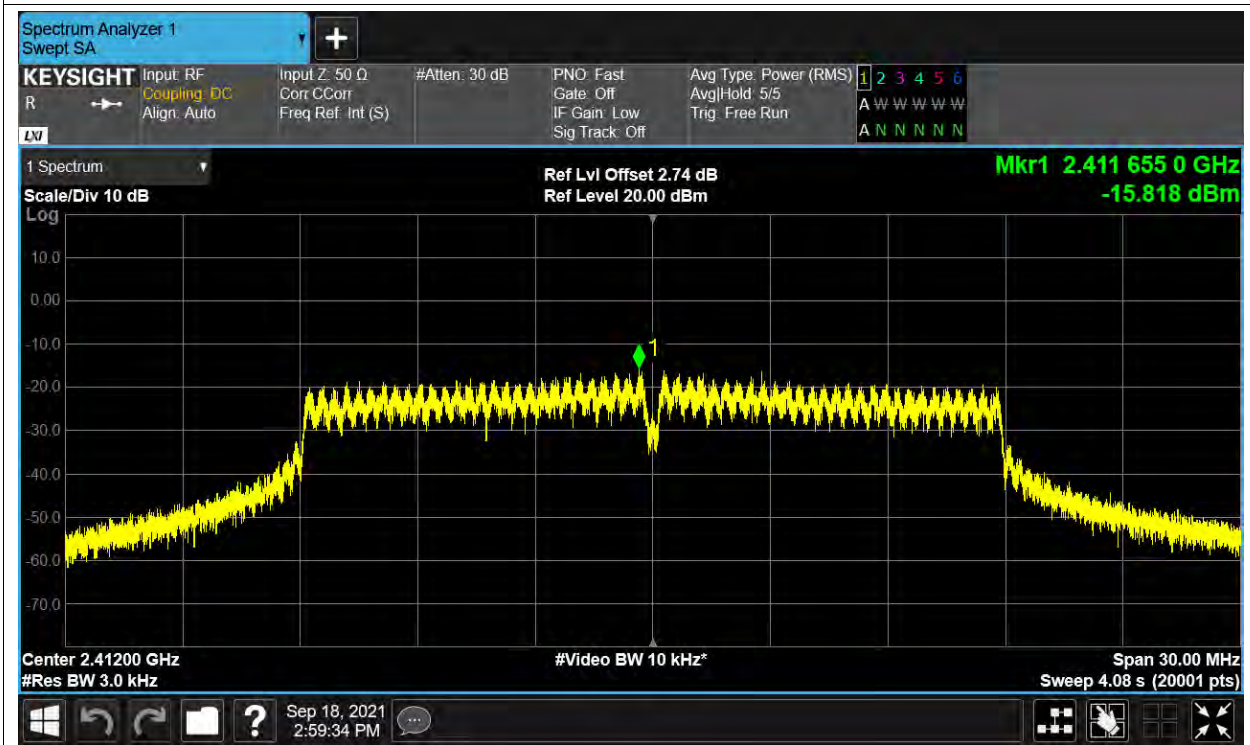
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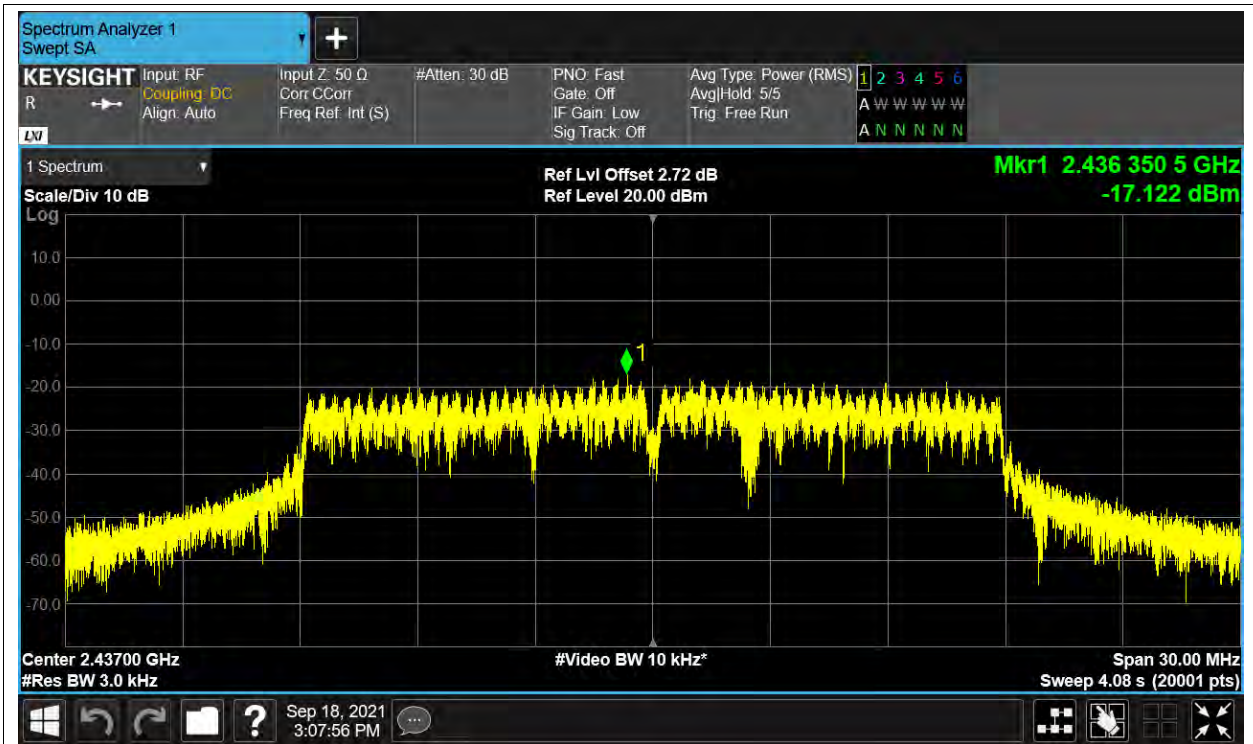
PSD NVNT n20 2412MHz ANT1



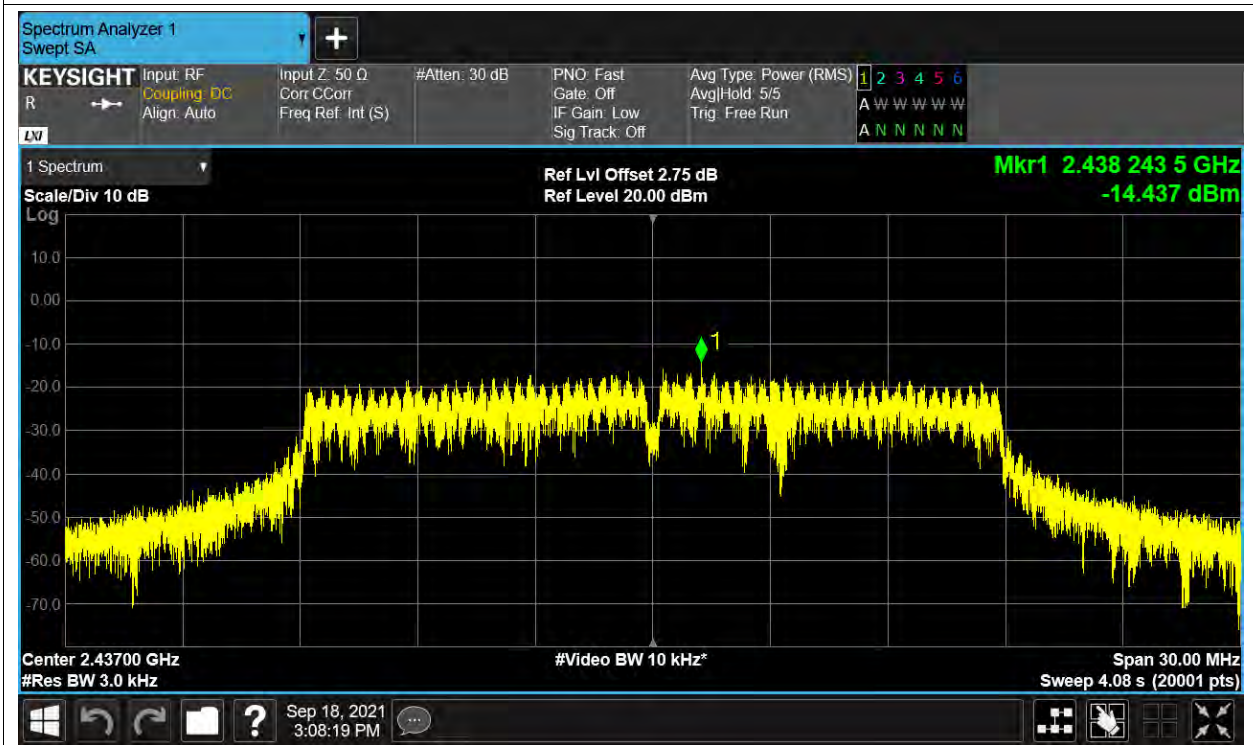
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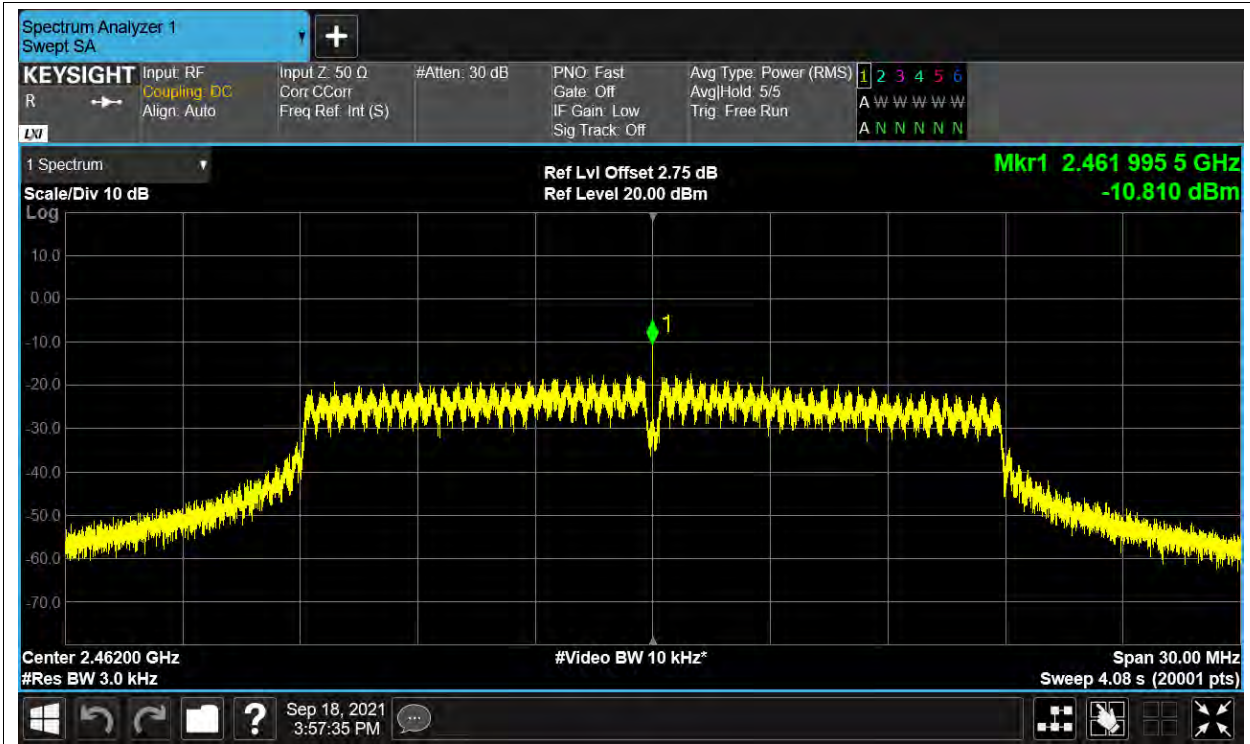
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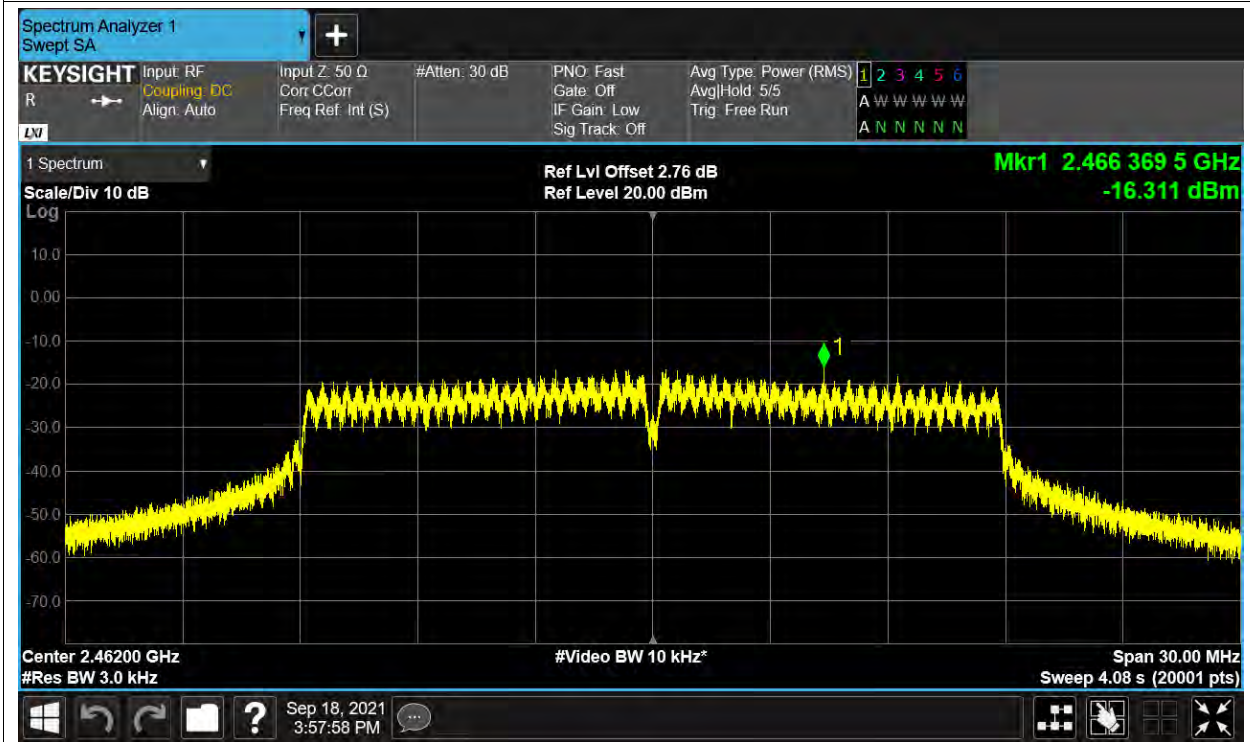
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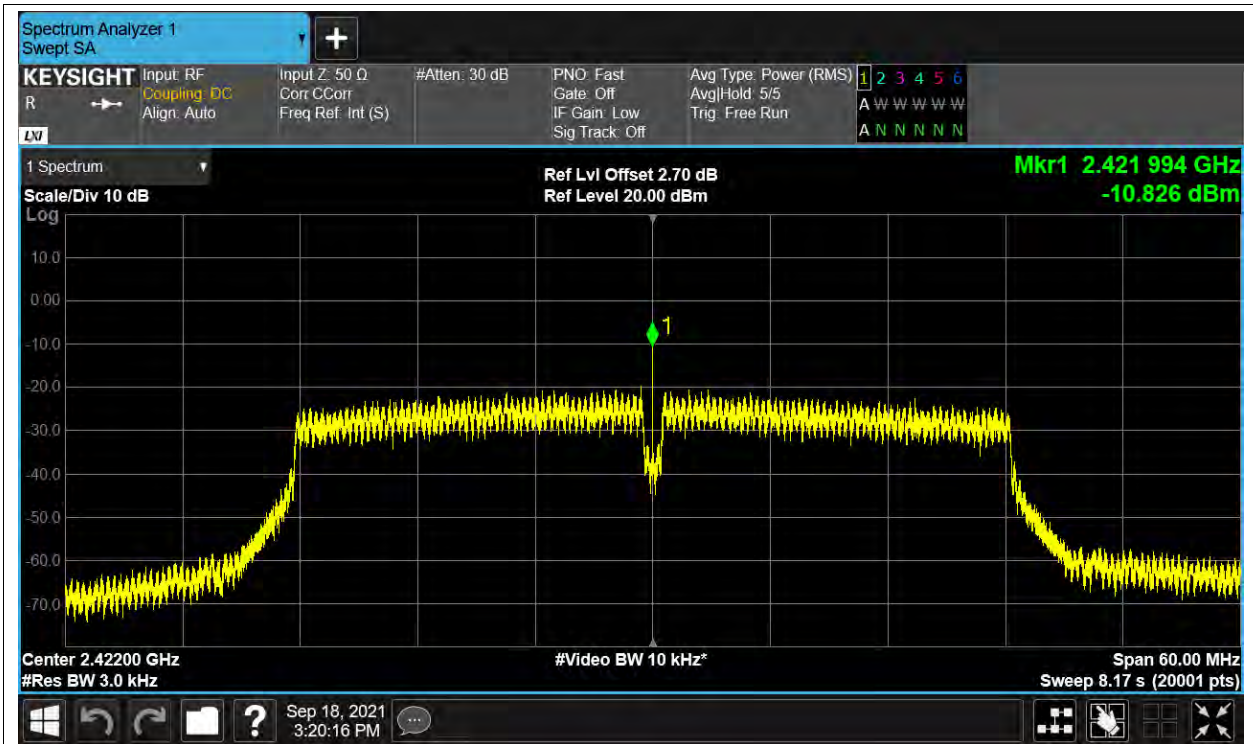
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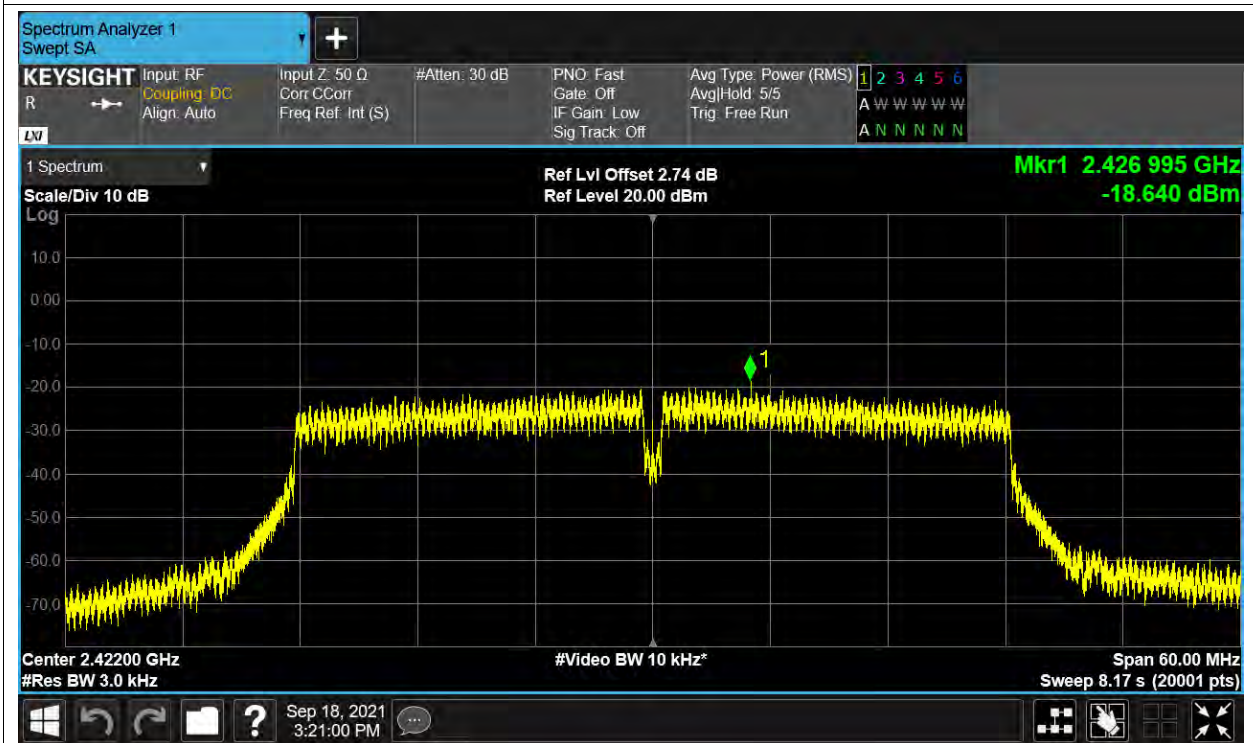
PSD NVNT n20 2462MHz ANT2



PSD NVNT n40 2422MHz ANT1



PSD NVNT n40 2422MHz ANT2



PSD NVNT n40 2437MHz ANT1