

Test Data

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	MIMO	98.09	0.08
NVNT	ax20	2437	MIMO	98.11	0.08
NVNT	ax20	2462	MIMO	98.17	0.08
NVNT	ax40	2422	MIMO	98.05	0.09
NVNT	ax40	2437	MIMO	98.1	0.08
NVNT	ax40	2452	MIMO	98.14	0.08
NVNT	b	2412	ANT0	99.56	0.02
NVNT	b	2437	ANT0	99.49	0.02
NVNT	b	2462	ANT0	99.55	0.02
NVNT	b	2412	ANT1	99.45	0.02
NVNT	b	2437	ANT1	99.54	0.02
NVNT	b	2462	ANT1	99.5	0.02
NVNT	g	2412	ANT0	98.45	0.07
NVNT	g	2437	ANT0	98.47	0.07
NVNT	g	2462	ANT0	98.51	0.07
NVNT	g	2412	ANT1	98.45	0.07
NVNT	g	2437	ANT1	98.41	0.07
NVNT	g	2462	ANT1	98.48	0.07
NVNT	n20	2412	ANT0	98.36	0.07
NVNT	n20	2437	ANT0	98.41	0.07
NVNT	n20	2462	ANT0	98.35	0.07
NVNT	n20	2412	ANT1	98.36	0.07
NVNT	n20	2437	ANT1	98.35	0.07
NVNT	n20	2462	ANT1	98.37	0.07
NVNT	n40	2422	ANT0	98.03	0.09
NVNT	n40	2437	ANT0	98.07	0.08
NVNT	n40	2452	ANT0	98.11	0.08
NVNT	n40	2422	ANT1	98.03	0.09
NVNT	n40	2437	ANT1	98.02	0.09
NVNT	n40	2452	ANT1	98.01	0.09

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



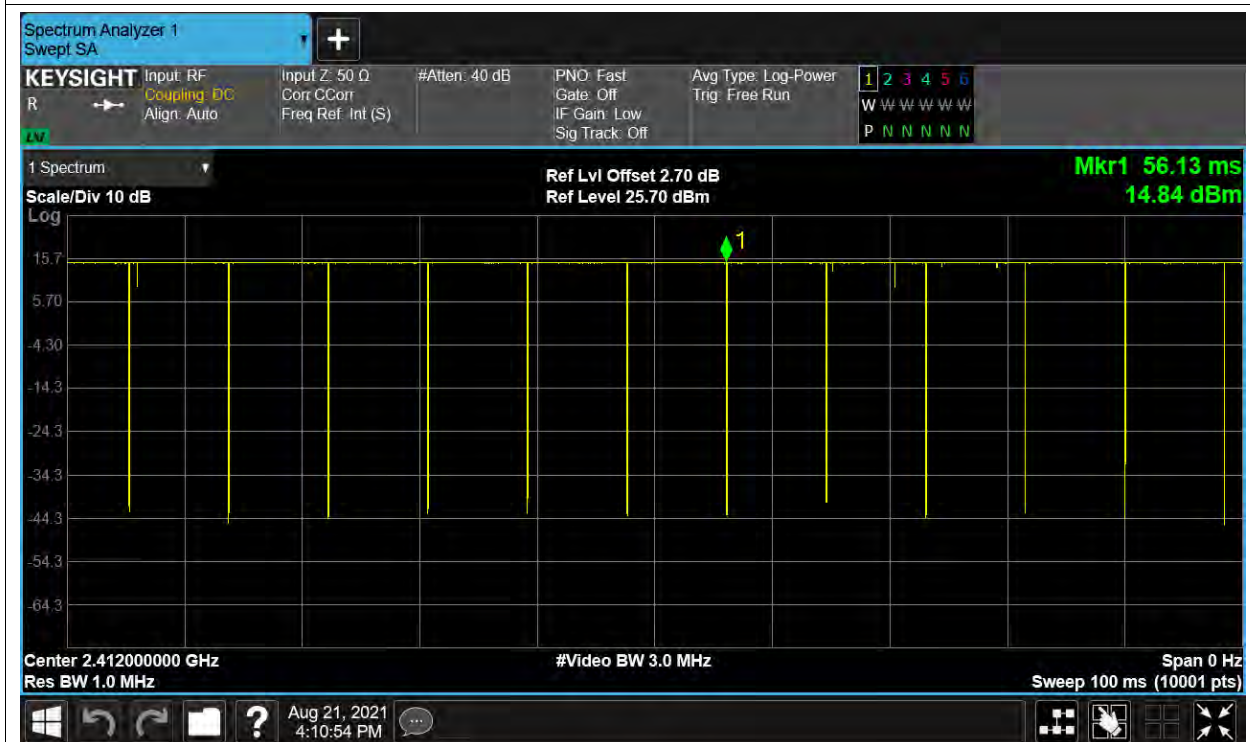
Duty Cycle NVNT ax40 2437MHz MIMO



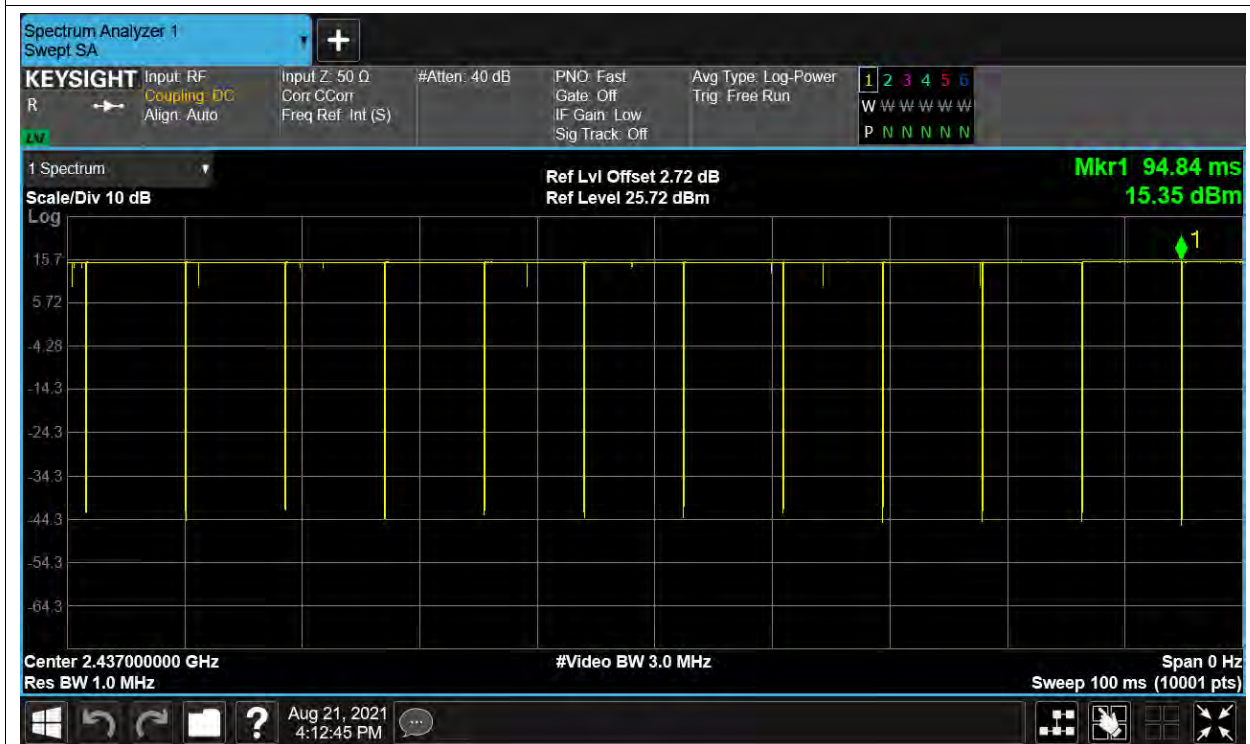
Duty Cycle NVNT ax40 2452MHz MIMO



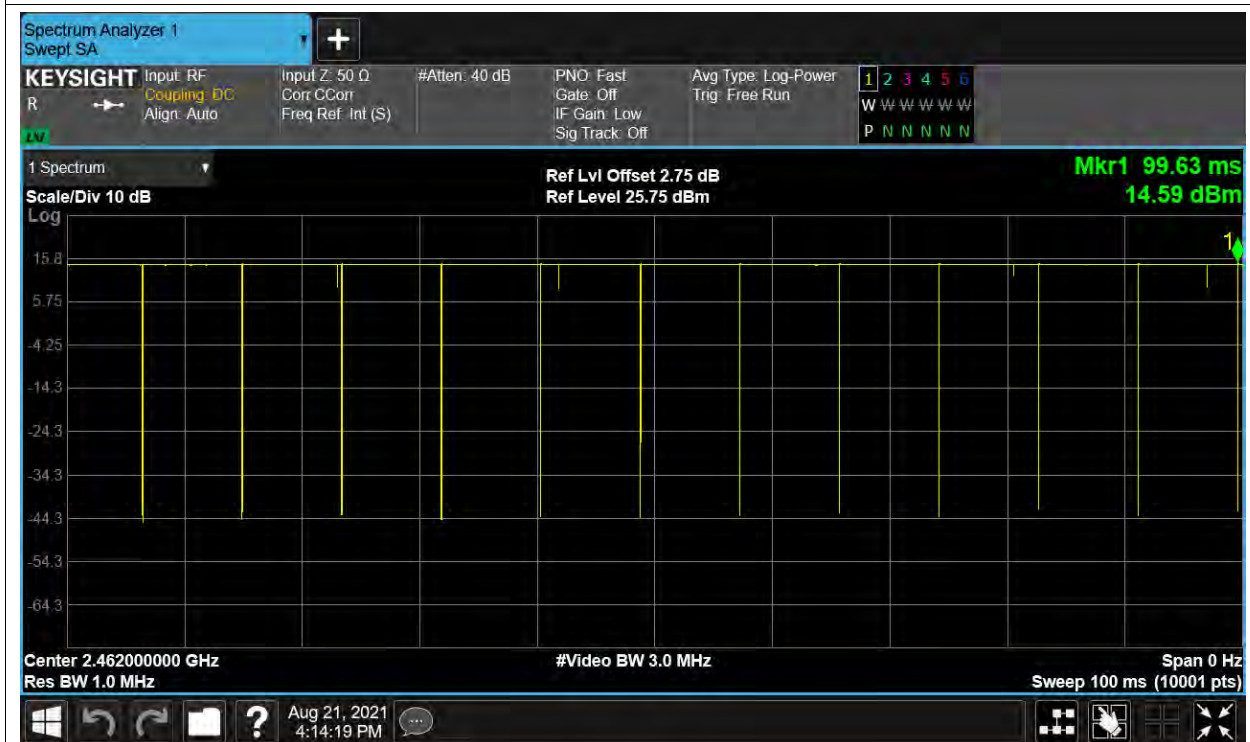
Duty Cycle NVNT b 2412MHz ANT0



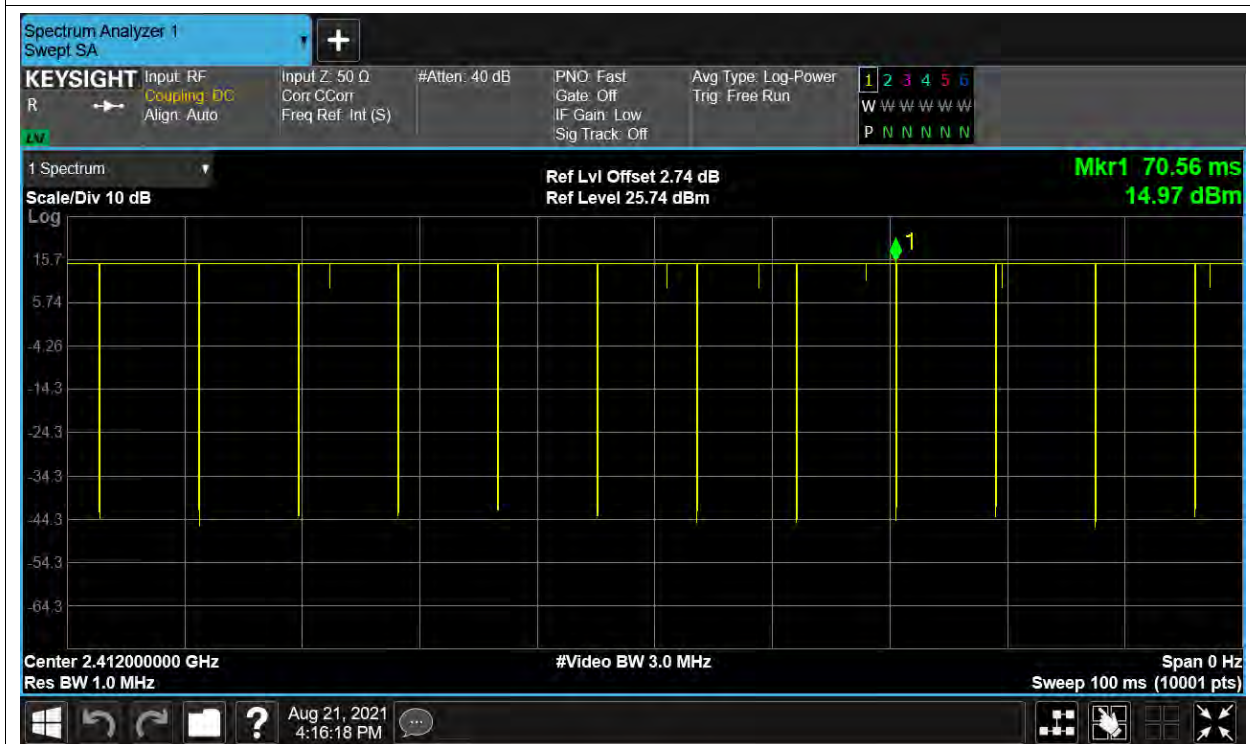
Duty Cycle NVNT b 2437MHz ANT0

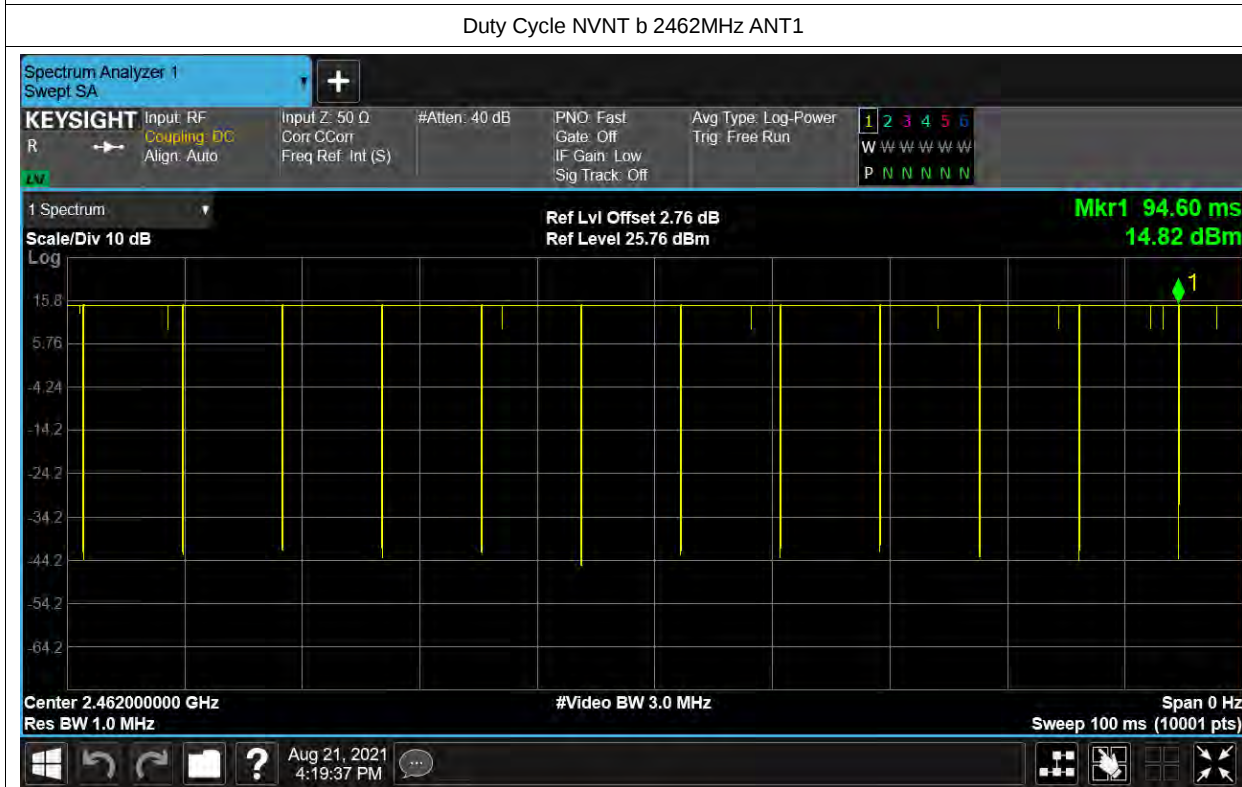
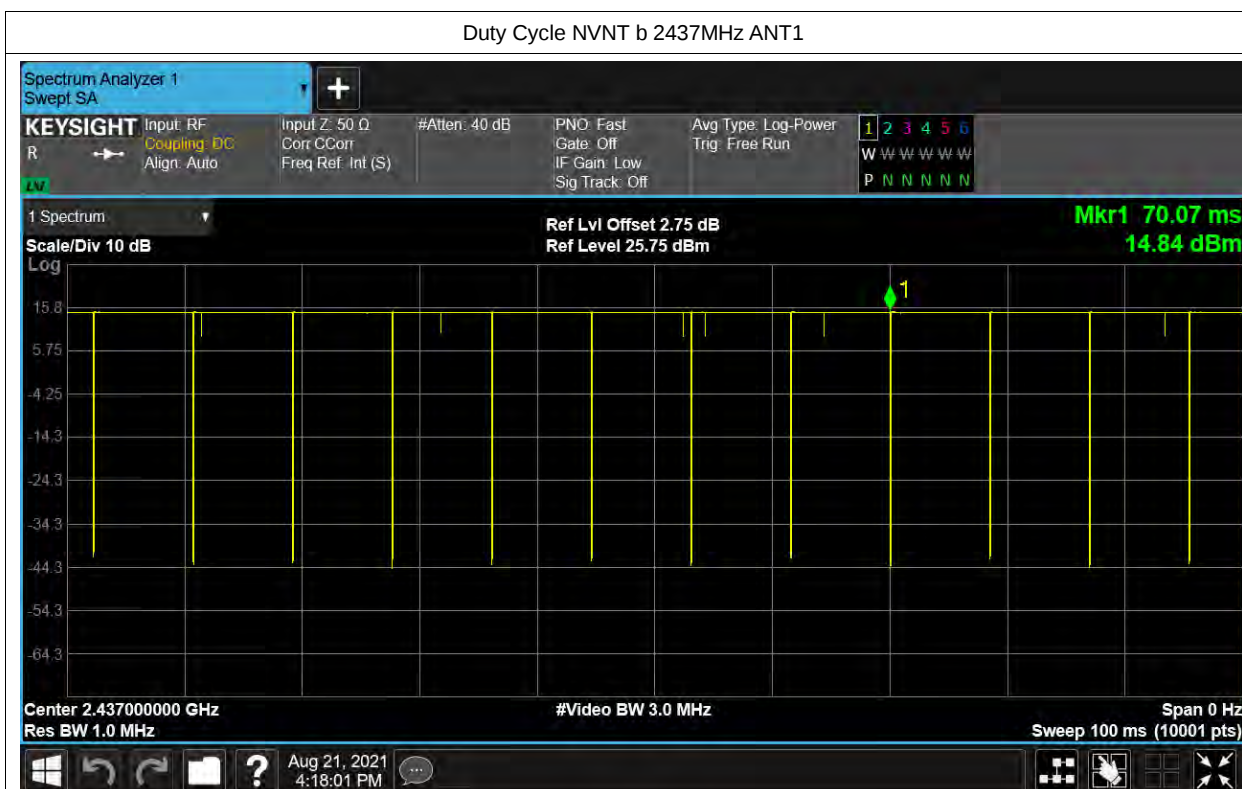


Duty Cycle NVNT b 2462MHz ANT0



Duty Cycle NVNT b 2412MHz ANT1

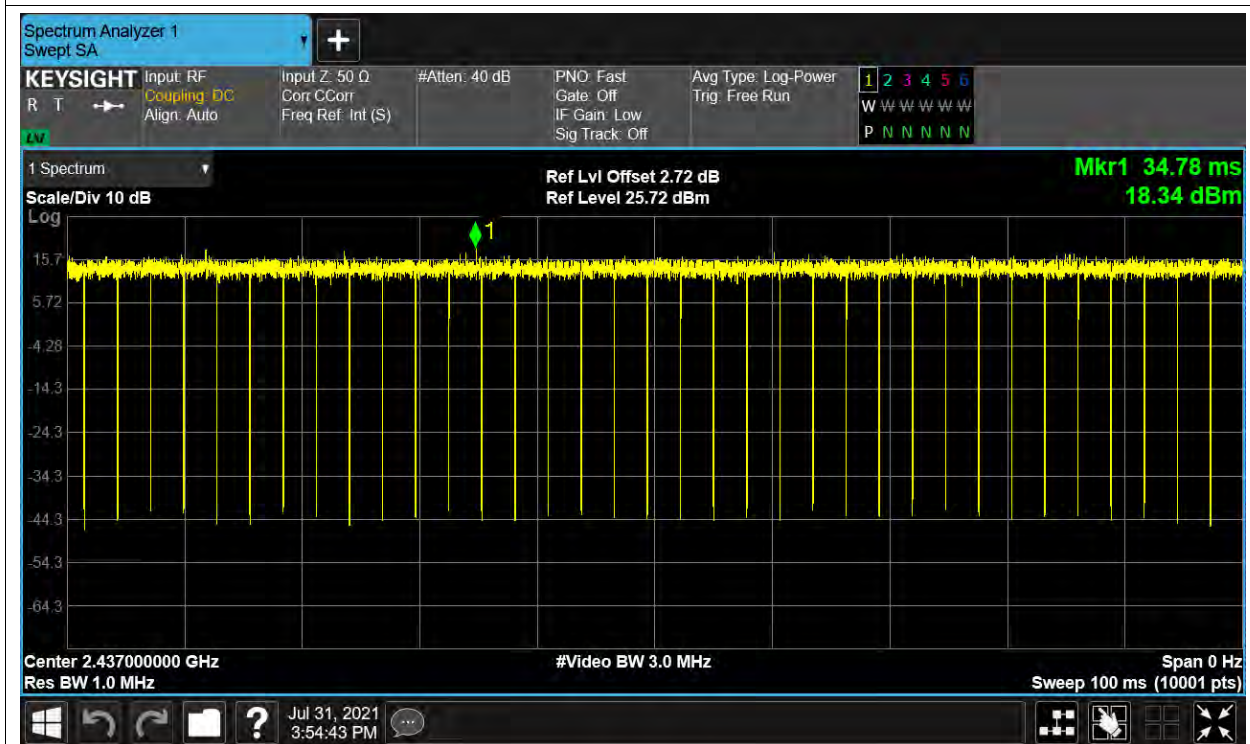




Duty Cycle NVNT g 2412MHz ANT0



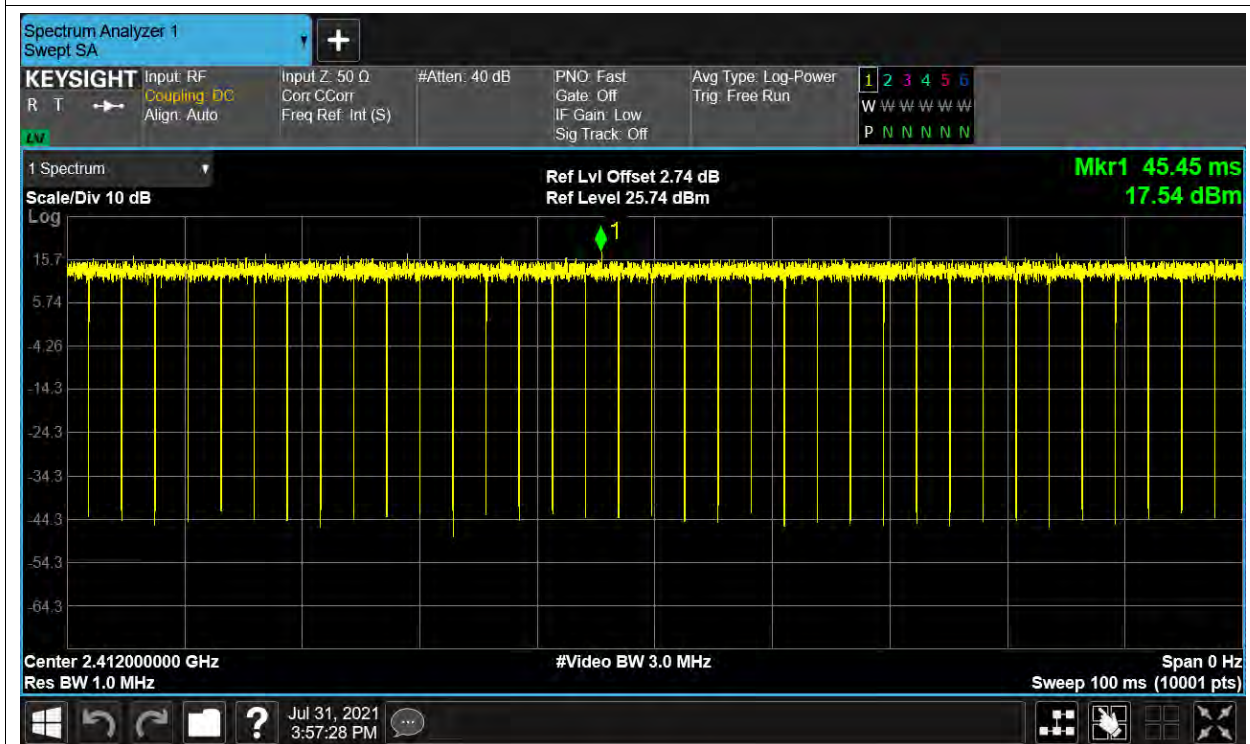
Duty Cycle NVNT g 2437MHz ANT0



Duty Cycle NVNT g 2462MHz ANT0



Duty Cycle NVNT g 2412MHz ANT1



Duty Cycle NVNT g 2437MHz ANT1



Duty Cycle NVNT g 2462MHz ANT1



Duty Cycle NVNT n20 2412MHz ANT0



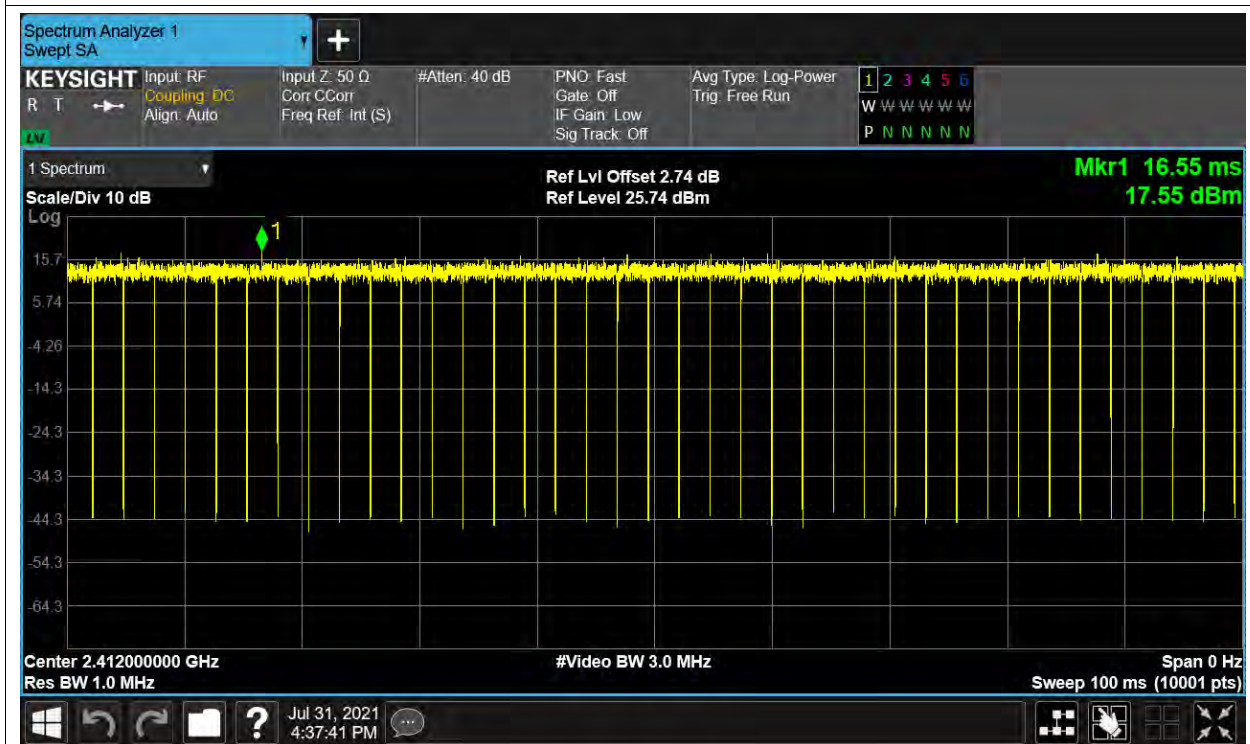
Duty Cycle NVNT n20 2437MHz ANT0



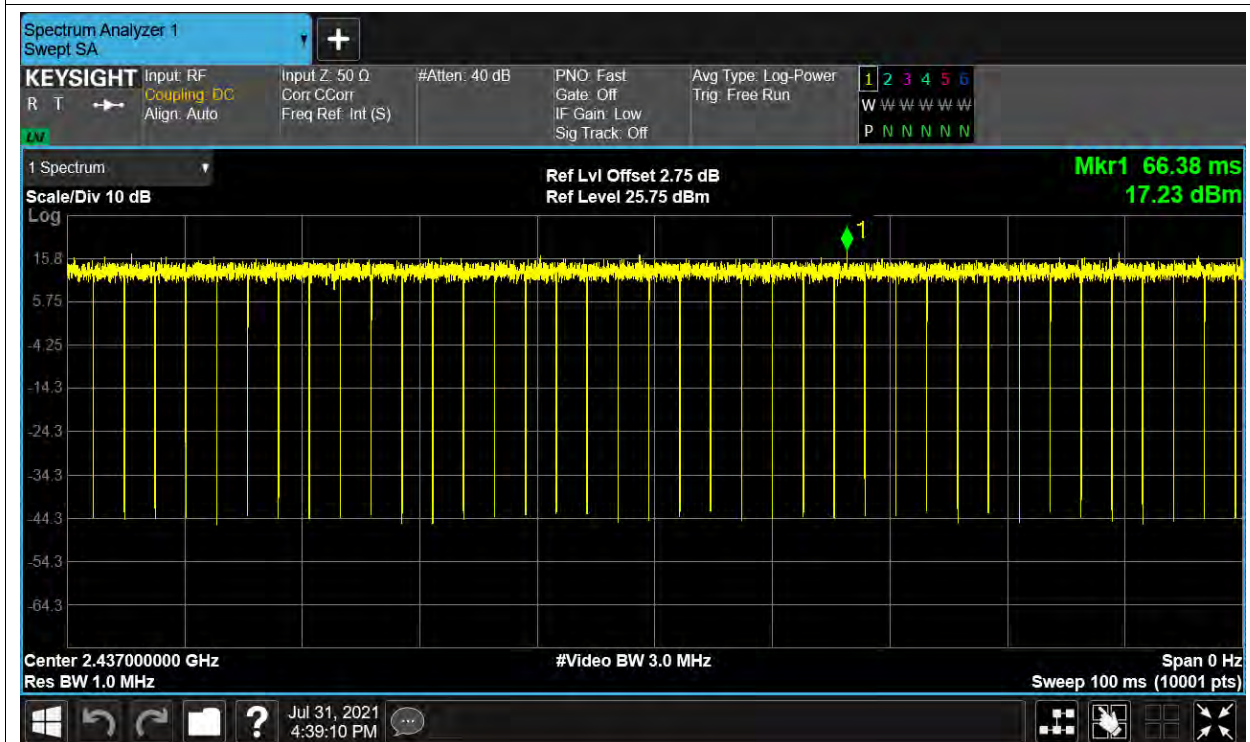
Duty Cycle NVNT n20 2462MHz ANT0



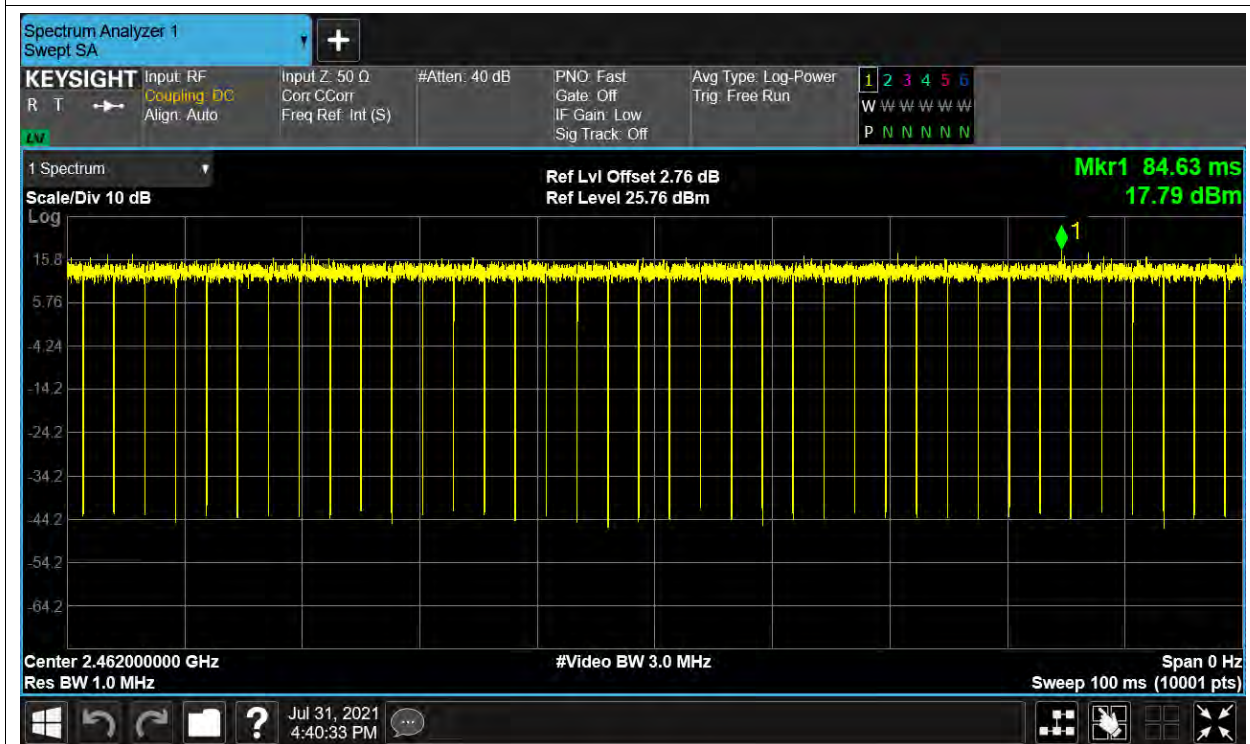
Duty Cycle NVNT n20 2412MHz ANT1



Duty Cycle NVNT n20 2437MHz ANT1



Duty Cycle NVNT n20 2462MHz ANT1



Duty Cycle NVNT n40 2422MHz ANT0



Duty Cycle NVNT n40 2437MHz ANT0



Duty Cycle NVNT n40 2452MHz ANT0



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	ax20	2412	ANT0	19.47	0.08	19.55	27.36	Pass
NVNT	ax20	2412	ANT1	19.34	0.08	19.42	27.36	Pass
NVNT	ax20	2412	MIMO	22.416	0.08	22.496	27.36	Pass
NVNT	ax20	2437	ANT0	19.47	0.08	19.55	27.36	Pass
NVNT	ax20	2437	ANT1	18.83	0.08	18.91	27.36	Pass
NVNT	ax20	2437	MIMO	22.172	0.08	22.252	27.36	Pass
NVNT	ax20	2462	ANT0	18.66	0.08	18.74	27.36	Pass
NVNT	ax20	2462	ANT1	18.82	0.08	18.9	27.36	Pass
NVNT	ax20	2462	MIMO	21.751	0.08	21.831	27.36	Pass
NVNT	ax40	2422	ANT0	19.15	0.09	19.24	27.36	Pass
NVNT	ax40	2422	ANT1	18.75	0.09	18.84	27.36	Pass
NVNT	ax40	2422	MIMO	21.965	0.09	22.055	27.36	Pass
NVNT	ax40	2437	ANT0	19.49	0.08	19.57	27.36	Pass
NVNT	ax40	2437	ANT1	18.88	0.08	18.96	27.36	Pass
NVNT	ax40	2437	MIMO	22.206	0.08	22.286	27.36	Pass
NVNT	ax40	2452	ANT0	19.46	0.08	19.54	27.36	Pass
NVNT	ax40	2452	ANT1	18.85	0.08	18.93	27.36	Pass
NVNT	ax40	2452	MIMO	22.176	0.08	22.256	27.36	Pass
NVNT	b	2412	ANT0	19.82	0.02	19.84	30	Pass
NVNT	b	2437	ANT0	19.73	0.02	19.75	30	Pass
NVNT	b	2462	ANT0	19.58	0.02	19.6	30	Pass
NVNT	b	2412	ANT1	19.76	0.02	19.78	30	Pass
NVNT	b	2437	ANT1	19.73	0.02	19.75	30	Pass
NVNT	b	2462	ANT1	19.72	0.02	19.74	30	Pass
NVNT	g	2412	ANT0	19.31	0.07	19.38	30	Pass
NVNT	g	2437	ANT0	19.65	0.07	19.72	30	Pass
NVNT	g	2462	ANT0	18.96	0.07	19.03	30	Pass
NVNT	g	2412	ANT1	19.08	0.07	19.15	30	Pass
NVNT	g	2437	ANT1	19.06	0.07	19.13	30	Pass
NVNT	g	2462	ANT1	19.04	0.07	19.11	30	Pass
NVNT	n20	2412	ANT0	19.17	0.07	19.24	30	Pass
NVNT	n20	2437	ANT0	19.57	0.07	19.64	30	Pass
NVNT	n20	2462	ANT0	18.8	0.07	18.87	30	Pass
NVNT	n20	2412	ANT1	19.03	0.07	19.1	30	Pass
NVNT	n20	2437	ANT1	18.87	0.07	18.94	30	Pass
NVNT	n20	2462	ANT1	19.01	0.07	19.08	30	Pass
NVNT	n40	2422	ANT0	18.7	0.09	18.79	30	Pass
NVNT	n40	2437	ANT0	19.19	0.08	19.27	30	Pass

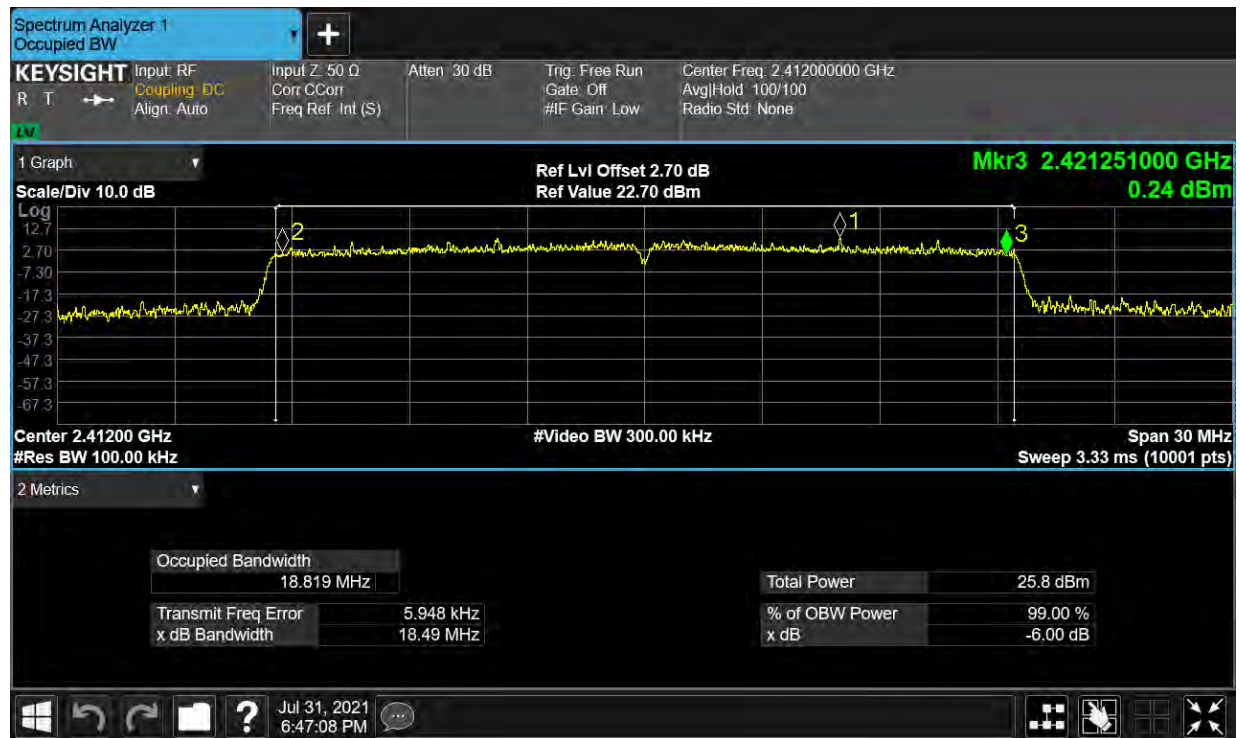
NVNT	n40	2452	ANT0	18.99	0.08	19.07	30	Pass
NVNT	n40	2422	ANT1	18.34	0.09	18.43	30	Pass
NVNT	n40	2437	ANT1	18.46	0.09	18.55	30	Pass
NVNT	n40	2452	ANT1	18.37	0.09	18.46	30	Pass

-6dB Bandwidth

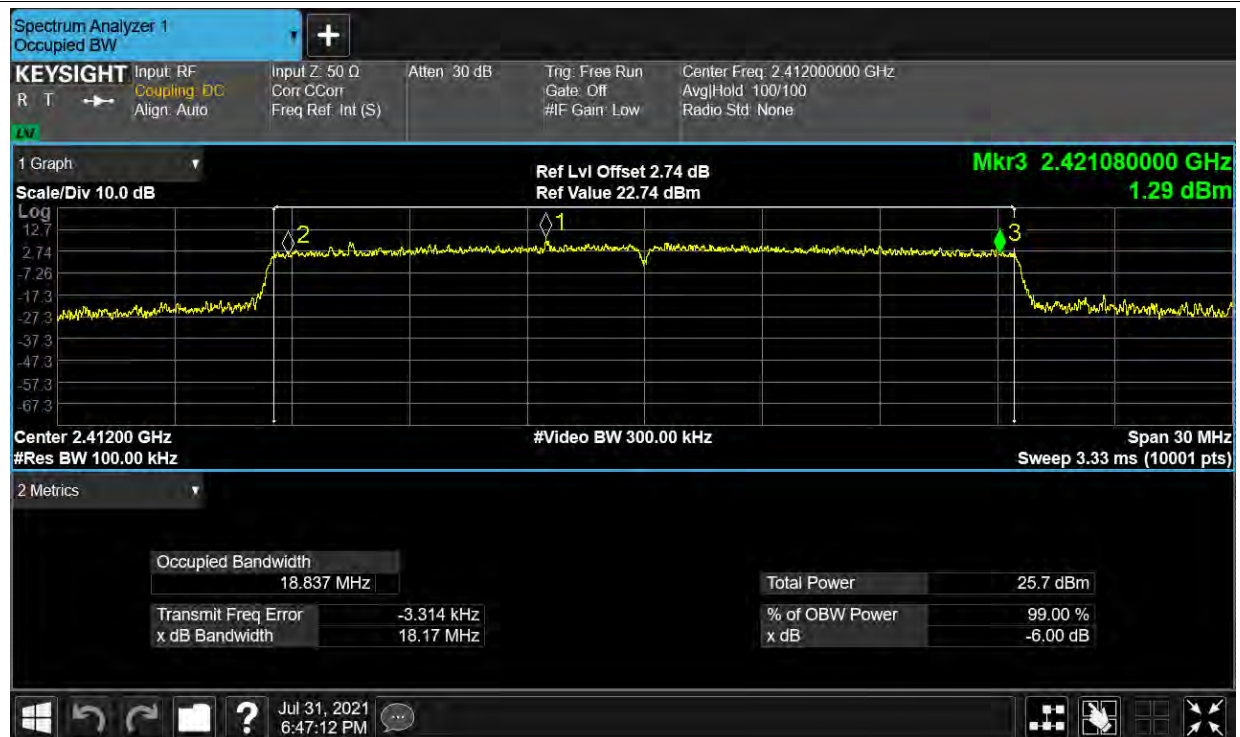
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ax20	2412	ANT0	18.49	0.5	Pass
NVNT	ax20	2412	ANT1	18.167	0.5	Pass
NVNT	ax20	2437	ANT0	16.401	0.5	Pass
NVNT	ax20	2437	ANT1	17.572	0.5	Pass
NVNT	ax20	2462	ANT0	18.202	0.5	Pass
NVNT	ax20	2462	ANT1	16.166	0.5	Pass
NVNT	ax40	2422	ANT0	35.905	0.5	Pass
NVNT	ax40	2422	ANT1	36.156	0.5	Pass
NVNT	ax40	2437	ANT0	35.492	0.5	Pass
NVNT	ax40	2437	ANT1	36.046	0.5	Pass
NVNT	ax40	2452	ANT0	37.09	0.5	Pass
NVNT	ax40	2452	ANT1	35.964	0.5	Pass
NVNT	b	2412	ANT0	7.559	0.5	Pass
NVNT	b	2437	ANT0	8.037	0.5	Pass
NVNT	b	2462	ANT0	8.013	0.5	Pass
NVNT	b	2412	ANT1	7.084	0.5	Pass
NVNT	b	2437	ANT1	7.549	0.5	Pass
NVNT	b	2462	ANT1	7.098	0.5	Pass
NVNT	g	2412	ANT0	15.324	0.5	Pass
NVNT	g	2437	ANT0	15.648	0.5	Pass
NVNT	g	2462	ANT0	16.27	0.5	Pass
NVNT	g	2412	ANT1	15.343	0.5	Pass
NVNT	g	2437	ANT1	14.42	0.5	Pass
NVNT	g	2462	ANT1	14.697	0.5	Pass
NVNT	n20	2412	ANT0	14.968	0.5	Pass
NVNT	n20	2437	ANT0	15.681	0.5	Pass
NVNT	n20	2462	ANT0	15.668	0.5	Pass
NVNT	n20	2412	ANT1	13.769	0.5	Pass
NVNT	n20	2437	ANT1	17.036	0.5	Pass
NVNT	n20	2462	ANT1	15.408	0.5	Pass
NVNT	n40	2422	ANT0	35.099	0.5	Pass
NVNT	n40	2437	ANT0	33.815	0.5	Pass
NVNT	n40	2452	ANT0	32.584	0.5	Pass
NVNT	n40	2422	ANT1	35.085	0.5	Pass
NVNT	n40	2437	ANT1	30.125	0.5	Pass
NVNT	n40	2452	ANT1	34.207	0.5	Pass

Test Graphs

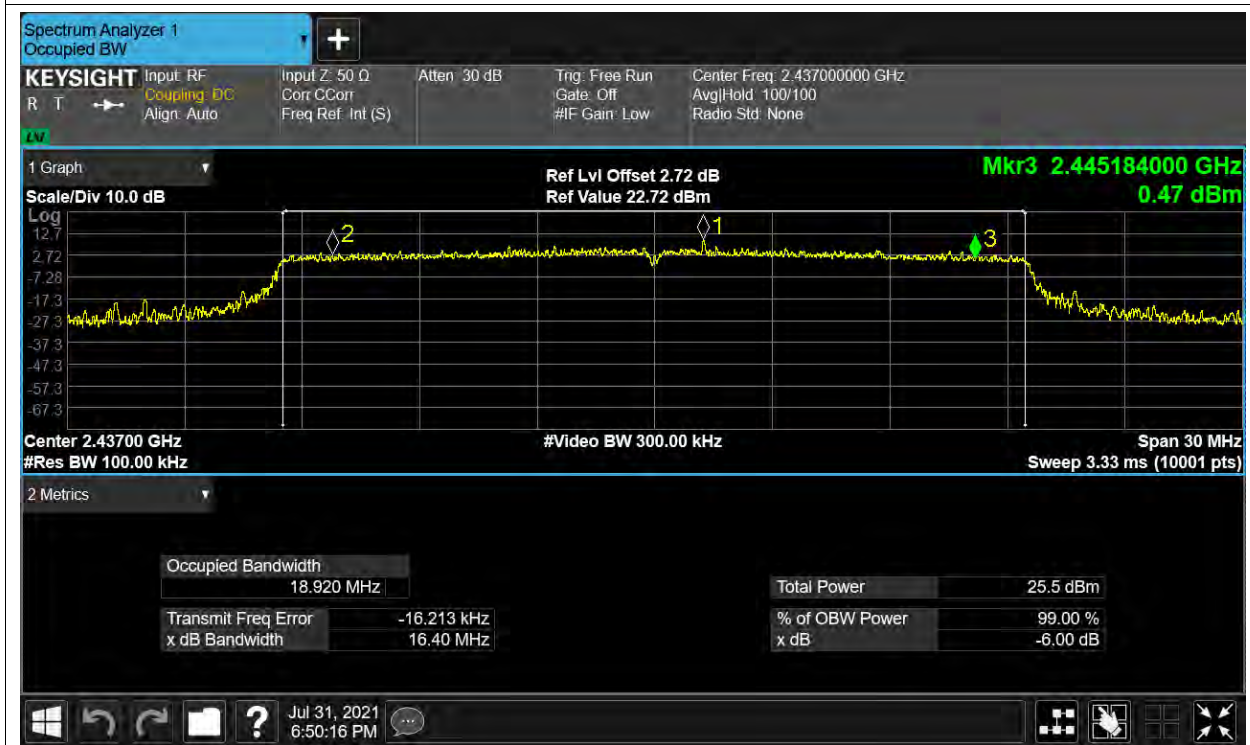
-6dB Bandwidth NVNT ax20 2412MHz ANT0



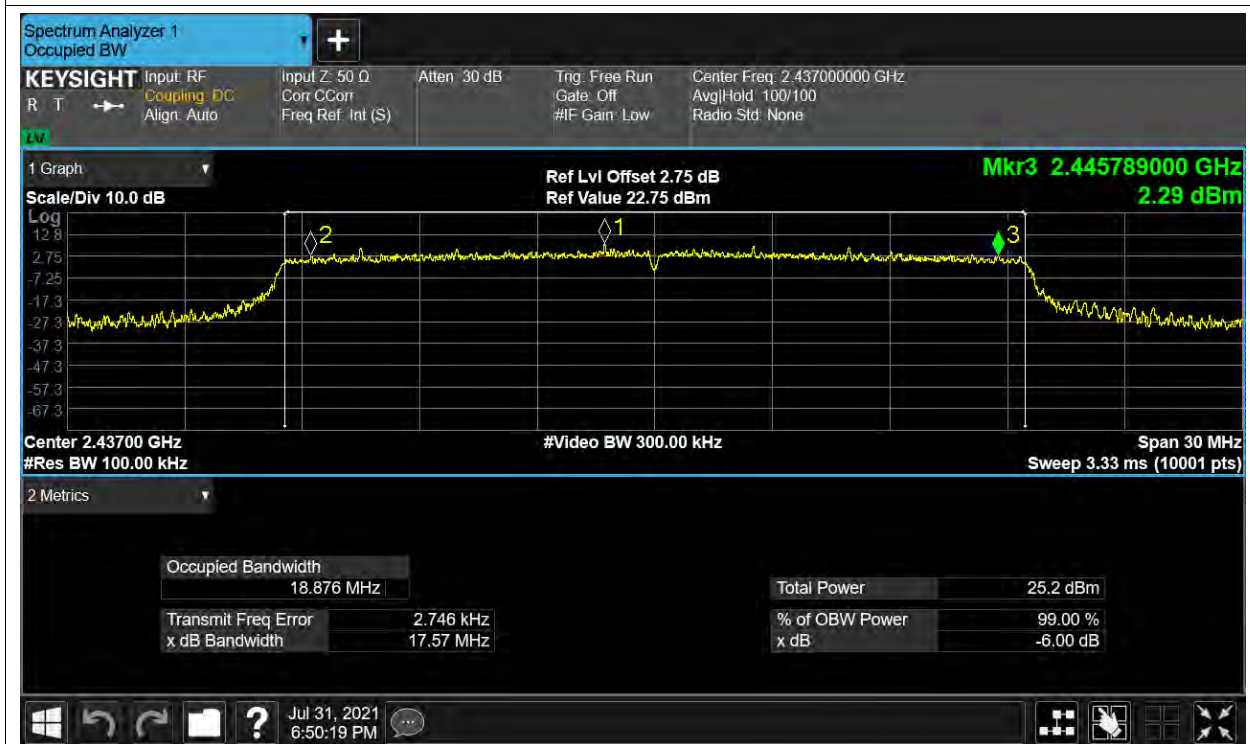
-6dB Bandwidth NVNT ax20 2412MHz ANT1



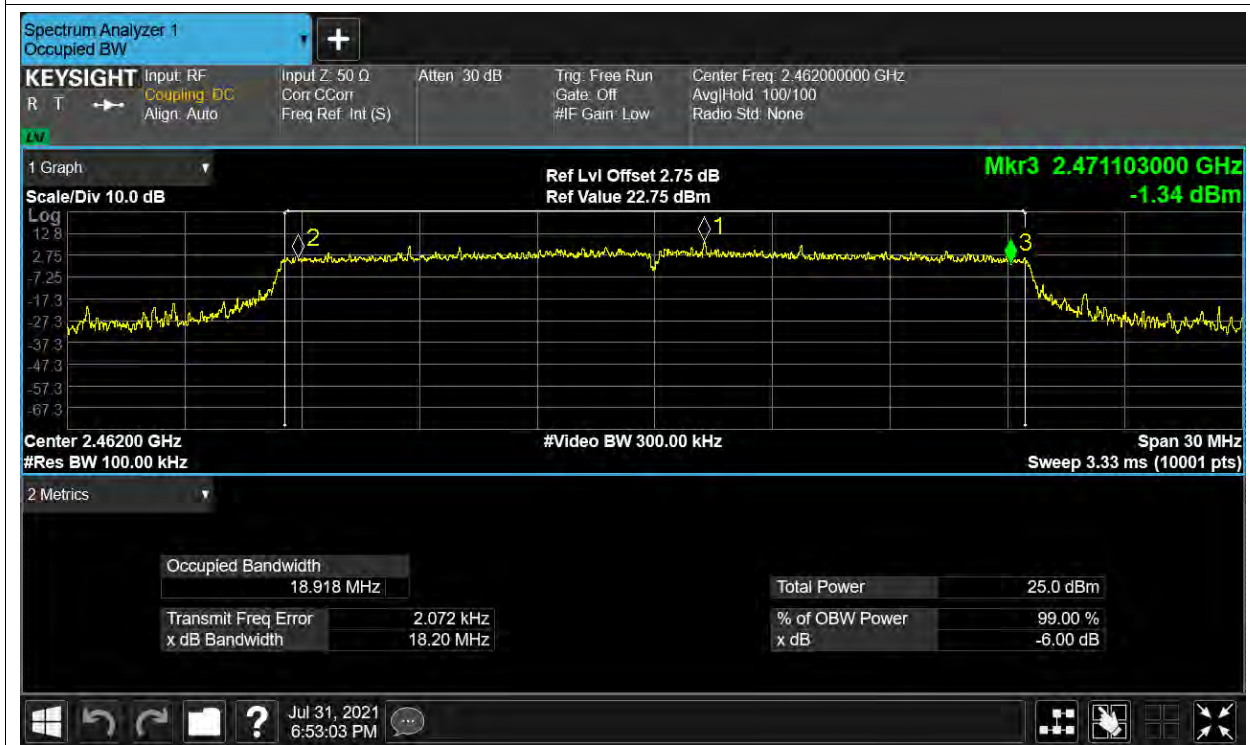
-6dB Bandwidth NVNT ax20 2437MHz ANT0



-6dB Bandwidth NVNT ax20 2437MHz ANT1



-6dB Bandwidth NVNT ax20 2462MHz ANT0



-6dB Bandwidth NVNT ax20 2462MHz ANT1



-6dB Bandwidth NVNT ax40 2422MHz ANT0



-6dB Bandwidth NVNT ax40 2422MHz ANT1



-6dB Bandwidth NVNT ax40 2437MHz ANT0



-6dB Bandwidth NVNT ax40 2437MHz ANT1



-6dB Bandwidth NVNT ax40 2452MHz ANT0



-6dB Bandwidth NVNT ax40 2452MHz ANT1



-6dB Bandwidth NVNT b 2412MHz ANT0



-6dB Bandwidth NVNT b 2437MHz ANT0

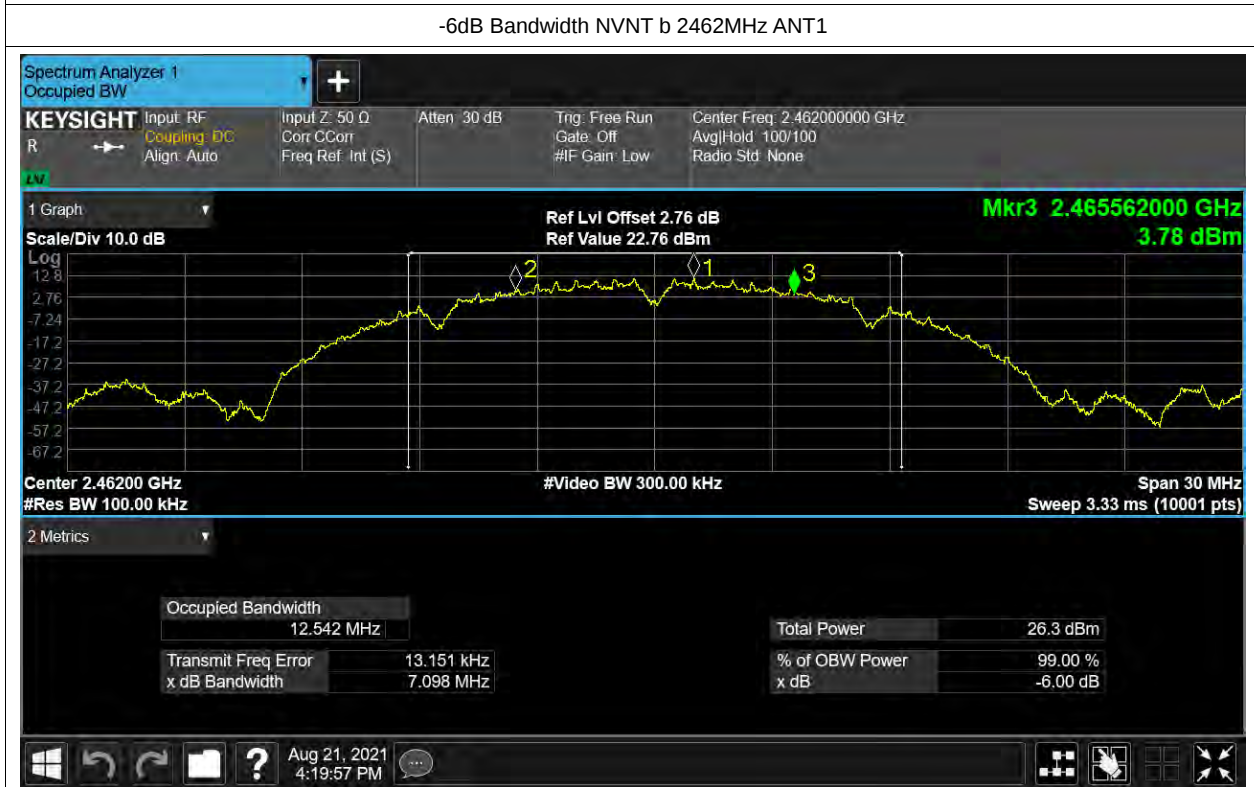
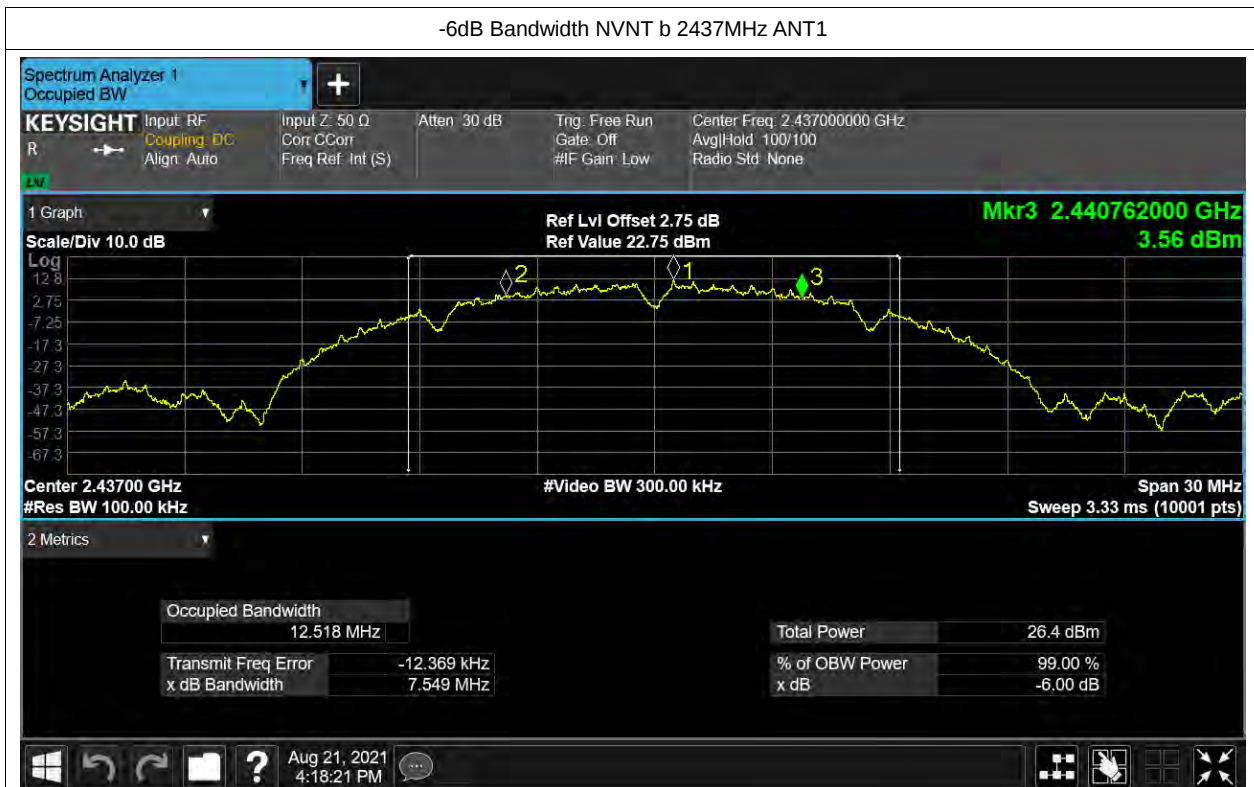


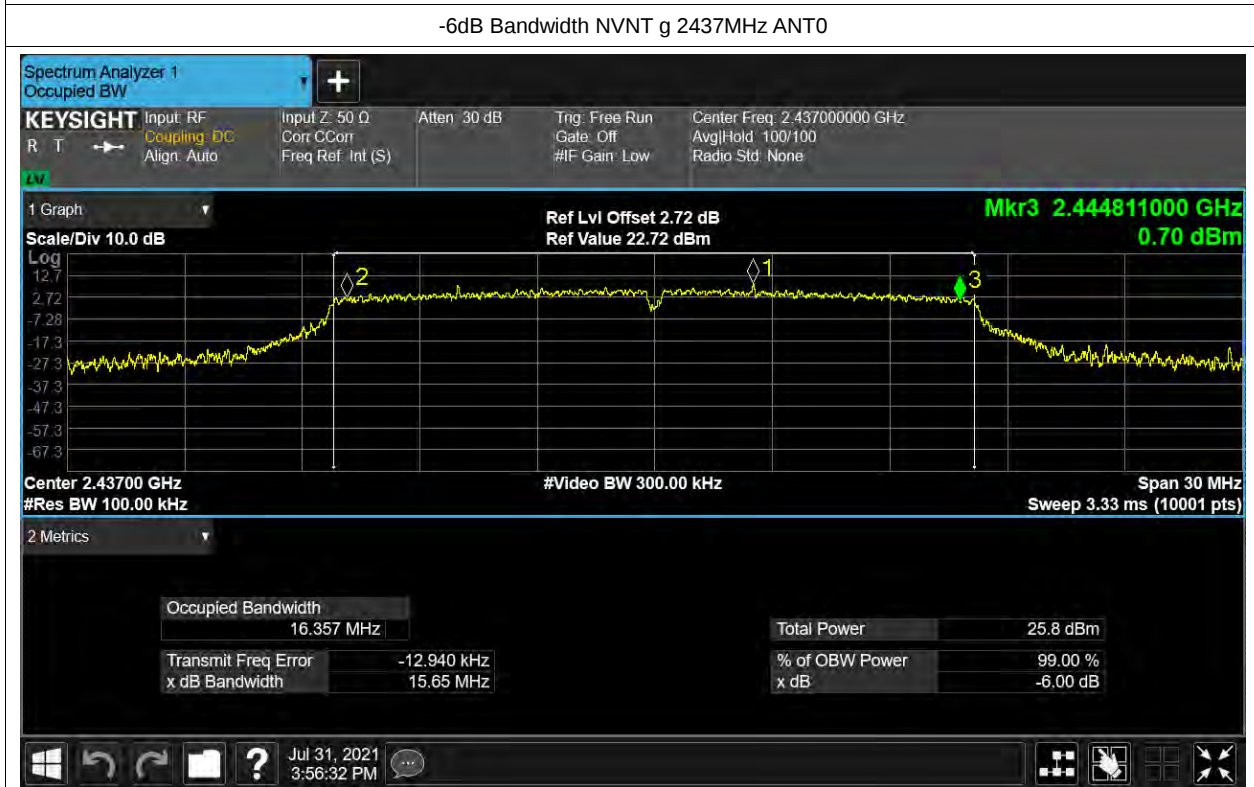
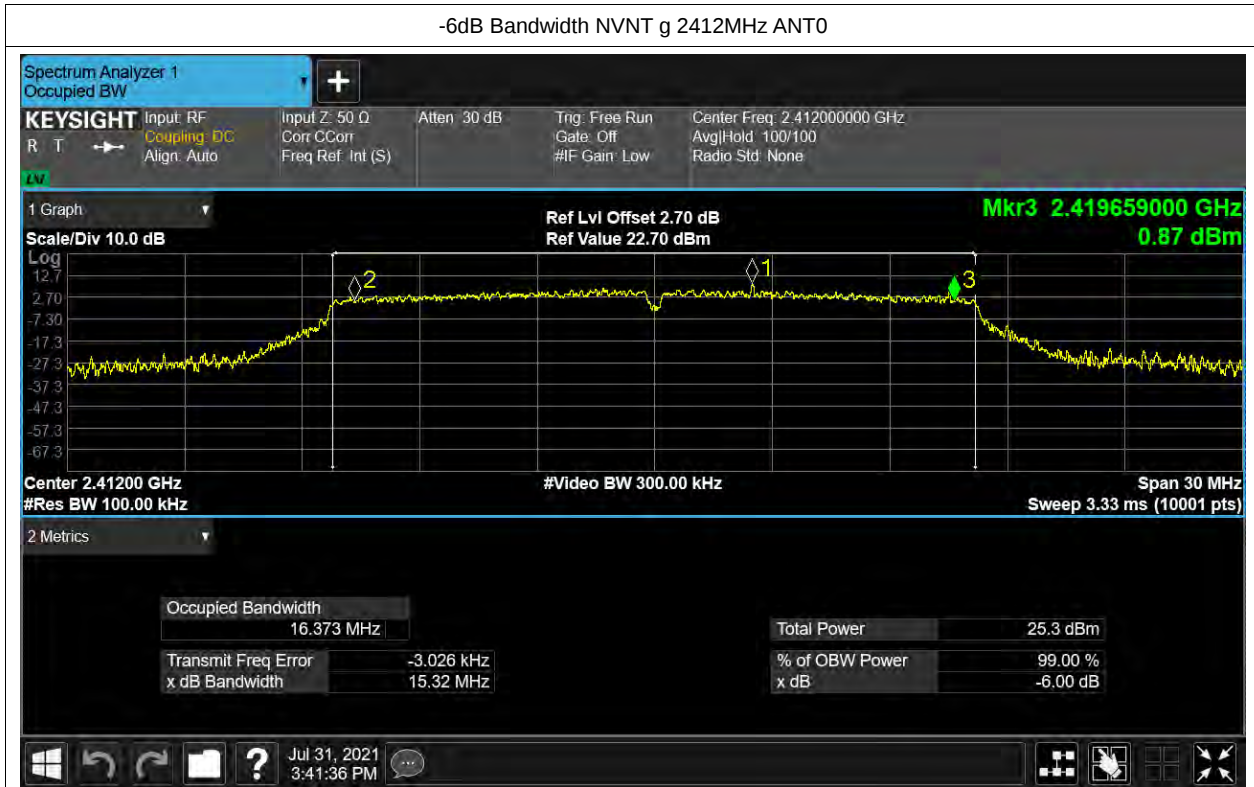
-6dB Bandwidth NVNT b 2462MHz ANT0



-6dB Bandwidth NVNT b 2412MHz ANT1







-6dB Bandwidth NVNT g 2462MHz ANT0



-6dB Bandwidth NVNT g 2412MHz ANT1

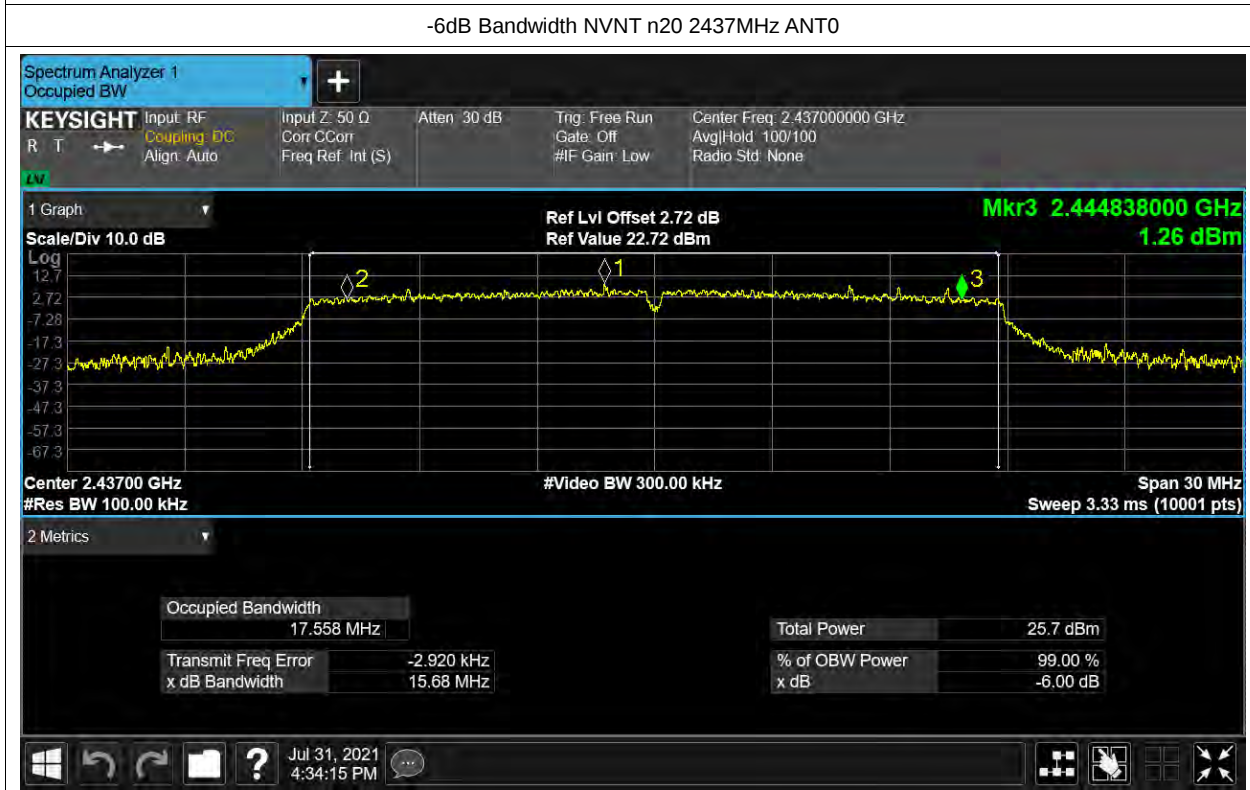
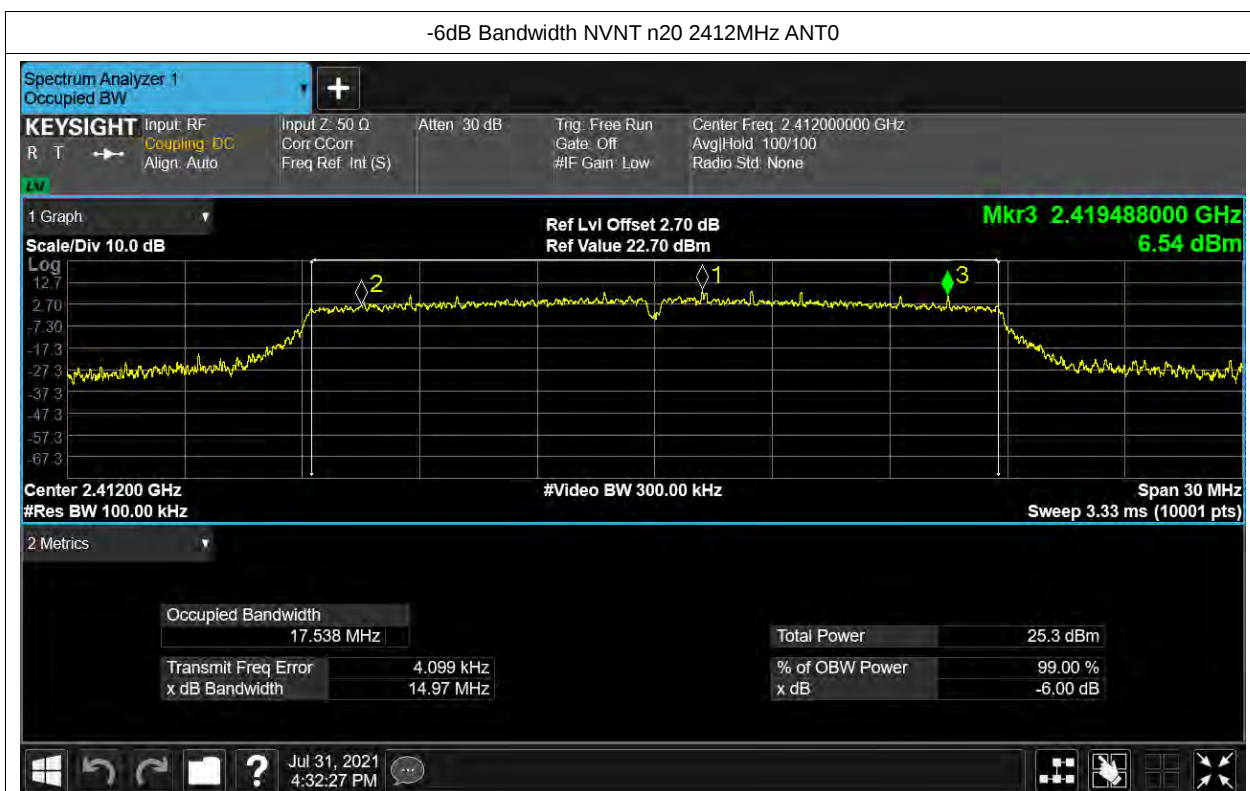


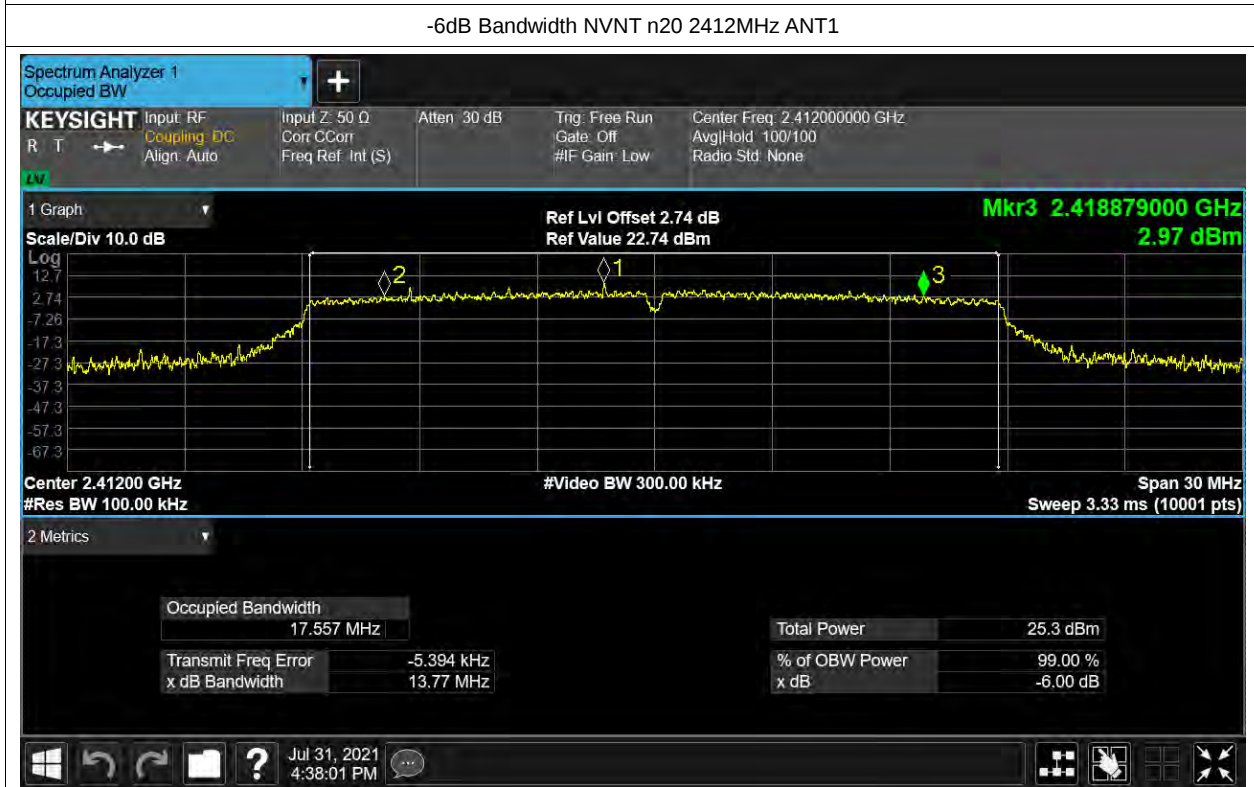
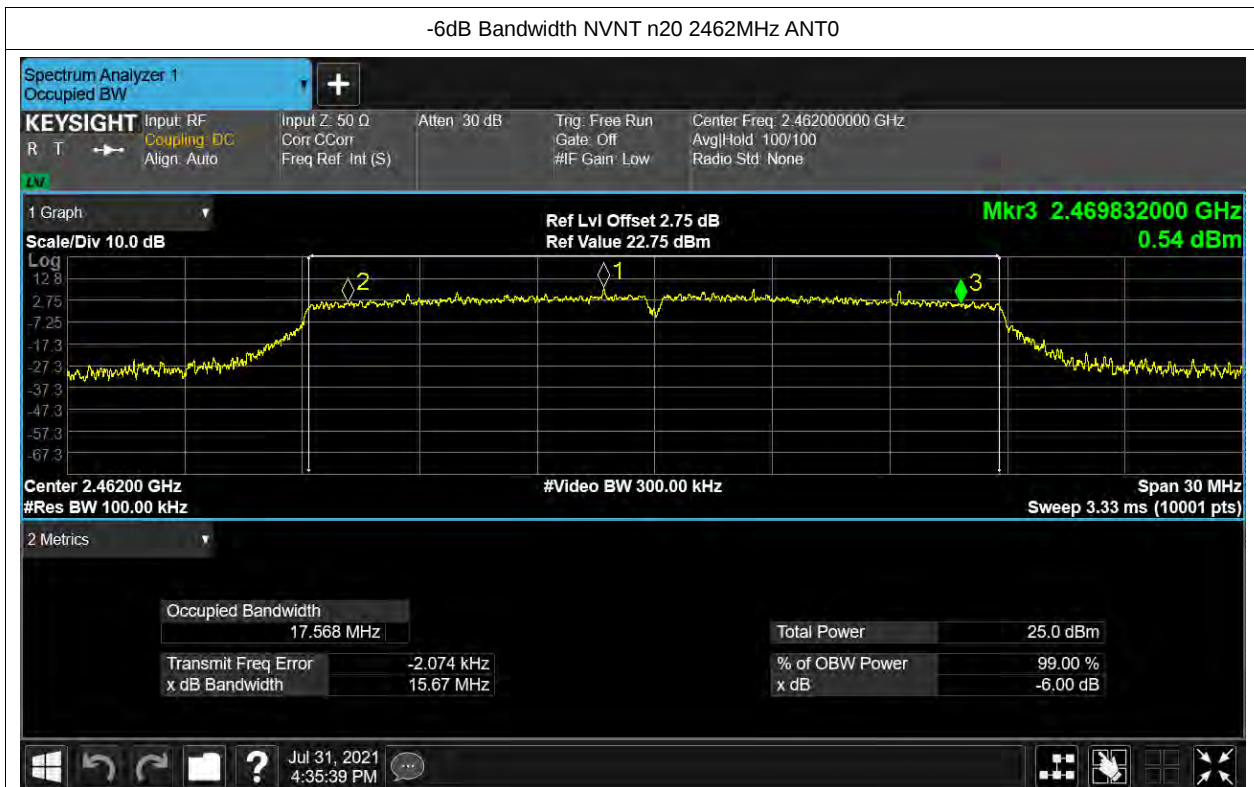
-6dB Bandwidth NVNT g 2437MHz ANT1

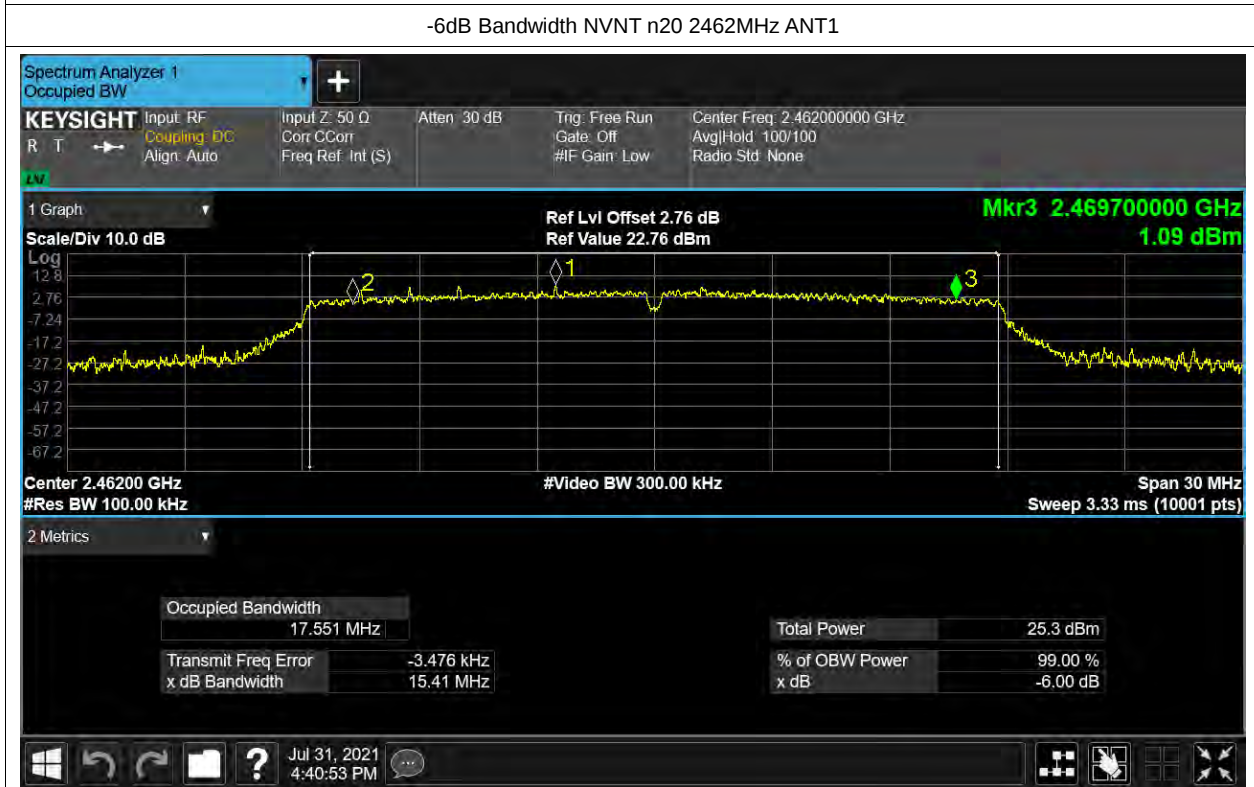
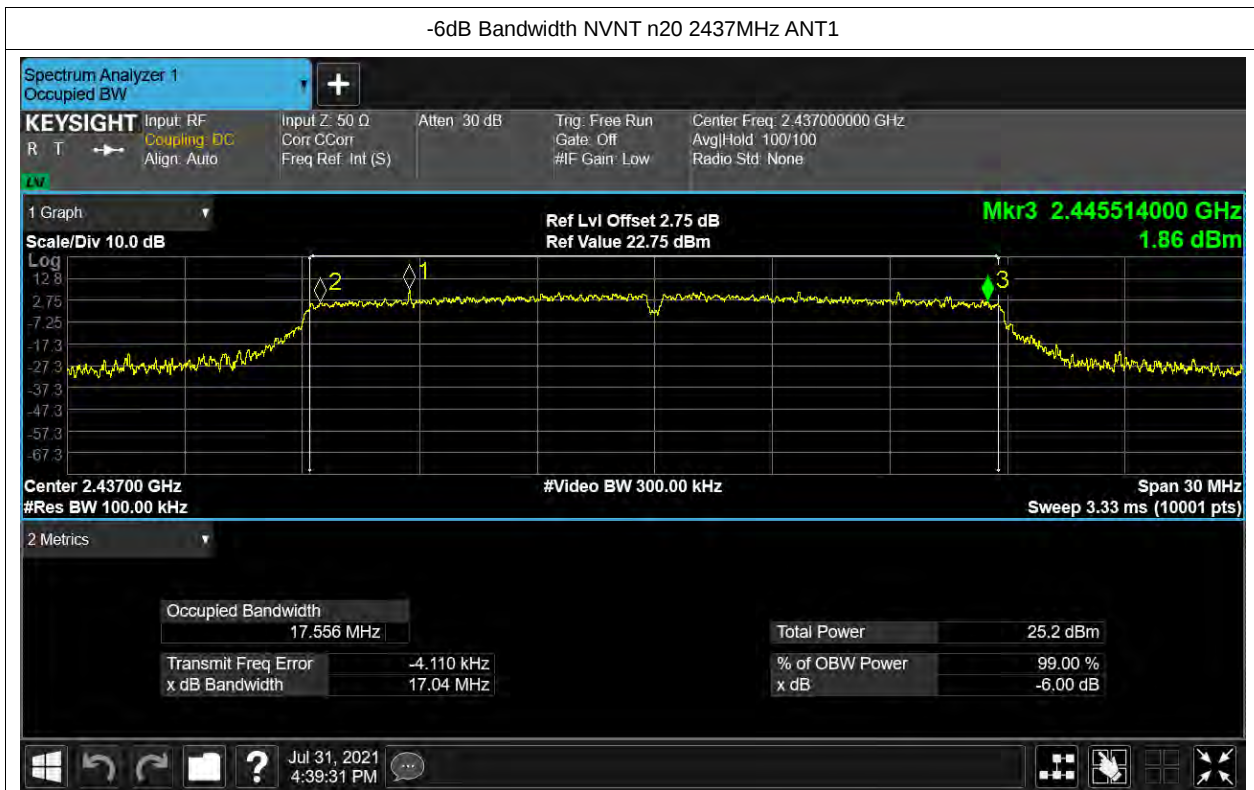


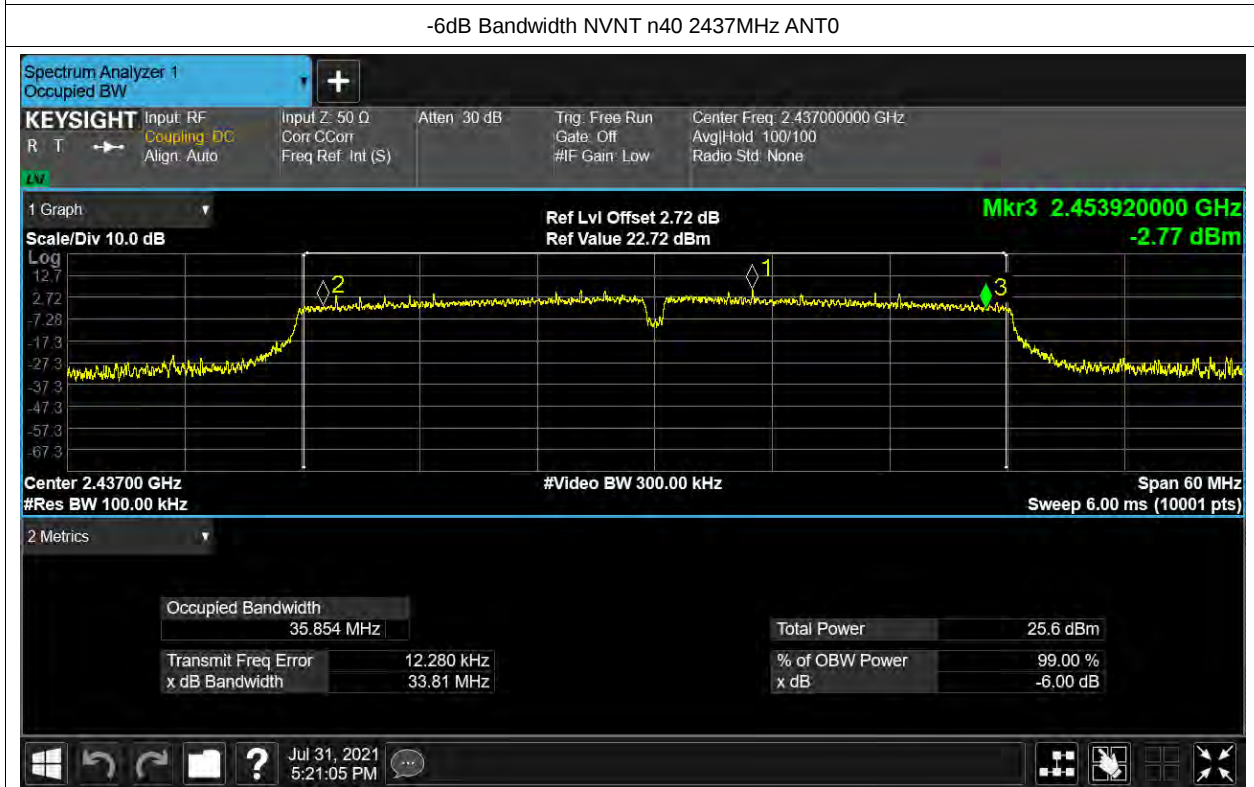
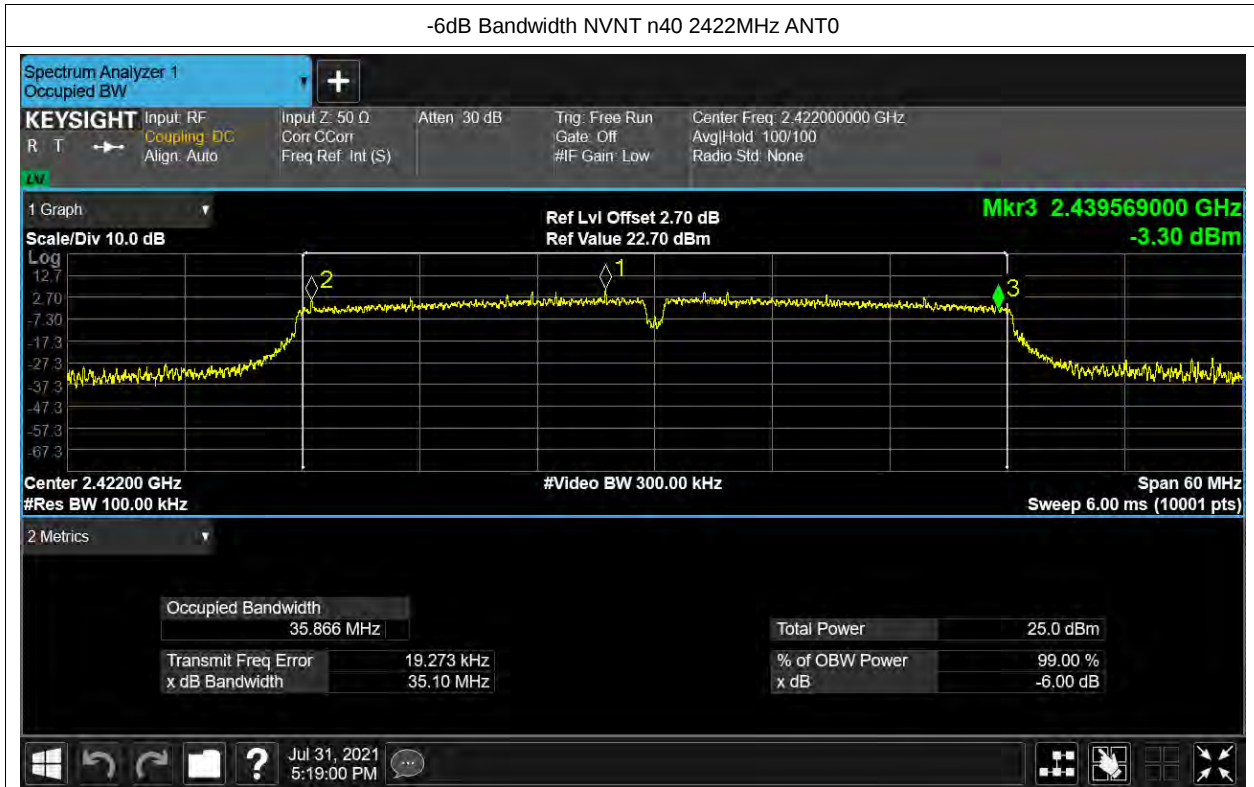
-6dB Bandwidth NVNT g 2462MHz ANT1

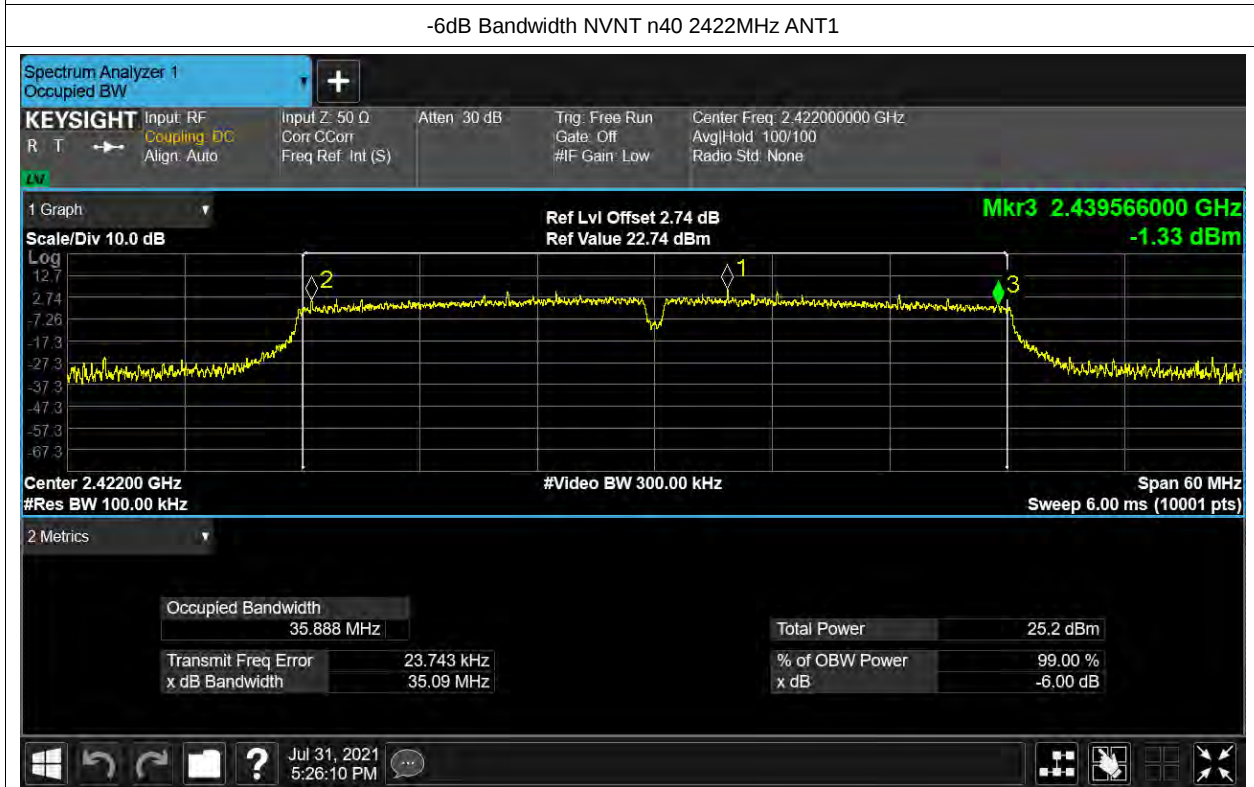
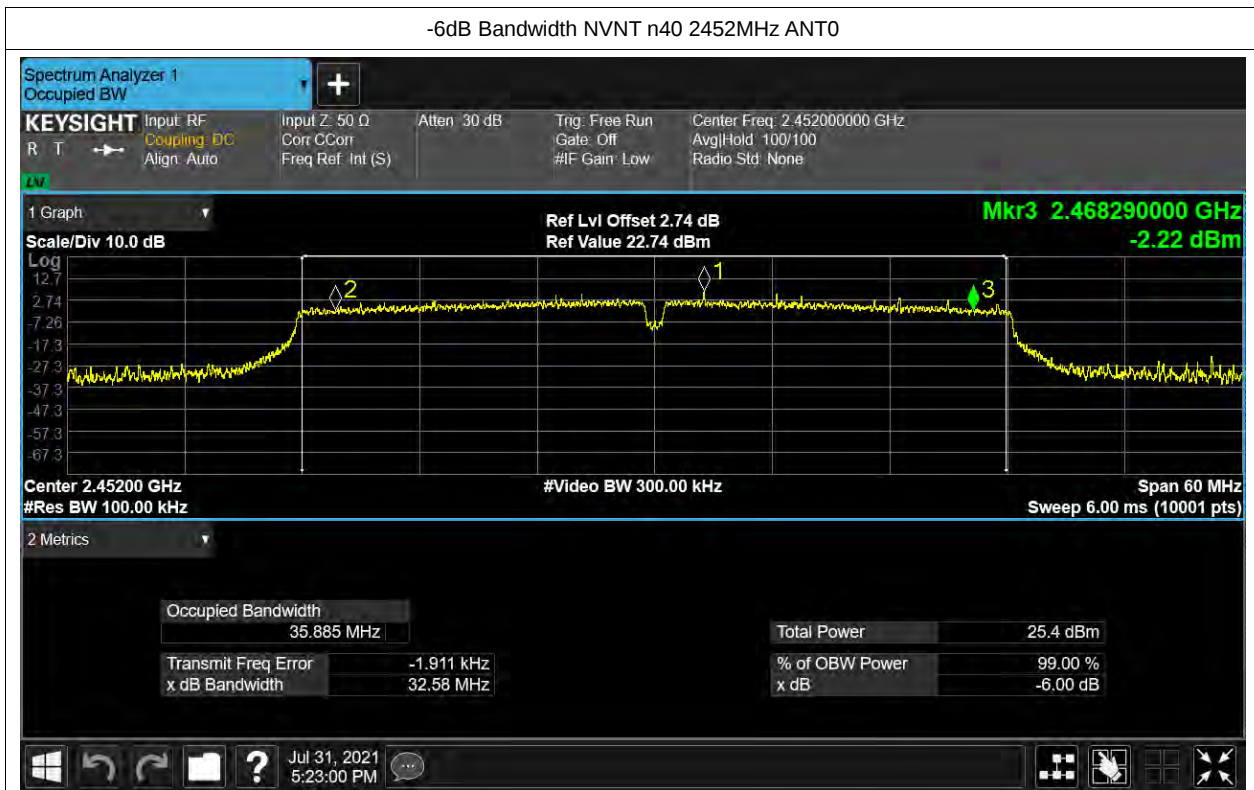












-6dB Bandwidth NVNT n40 2437MHz ANT1



-6dB Bandwidth NVNT n40 2452MHz ANT1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	ANT0	18.84468549
NVNT	ax20	2412	ANT1	18.85886464
NVNT	ax20	2437	ANT0	18.95508557
NVNT	ax20	2437	ANT1	18.93138057
NVNT	ax20	2462	ANT0	18.95614489
NVNT	ax20	2462	ANT1	18.93481054
NVNT	ax40	2422	ANT0	37.57500211
NVNT	ax40	2422	ANT1	37.66748955
NVNT	ax40	2437	ANT0	37.60910681
NVNT	ax40	2437	ANT1	37.55472015
NVNT	ax40	2452	ANT0	37.61915568
NVNT	ax40	2452	ANT1	37.69063445
NVNT	b	2412	ANT0	12.50925413
NVNT	b	2437	ANT0	12.5187123
NVNT	b	2462	ANT0	12.5390306
NVNT	b	2412	ANT1	12.51292718
NVNT	b	2437	ANT1	12.52988208
NVNT	b	2462	ANT1	12.53133994
NVNT	g	2412	ANT0	16.42474738
NVNT	g	2462	ANT0	16.4902986
NVNT	g	2412	ANT1	16.40856795
NVNT	g	2437	ANT1	16.43030821
NVNT	g	2462	ANT1	16.41594974
NVNT	n20	2412	ANT0	17.58757001
NVNT	n20	2437	ANT0	17.5617109
NVNT	n20	2462	ANT0	17.57859016
NVNT	n20	2412	ANT1	17.61063971
NVNT	n20	2437	ANT1	17.59561535
NVNT	n20	2462	ANT1	17.57431106
NVNT	n40	2422	ANT0	35.95986323
NVNT	n40	2437	ANT0	35.9704209
NVNT	n40	2452	ANT0	35.99354121
NVNT	n40	2422	ANT1	35.98808482
NVNT	n40	2437	ANT1	36.01135635
NVNT	n40	2452	ANT1	36.01295309

Test Graphs

OBW NVNT ax20 2412MHz ANT0



OBW NVNT ax20 2412MHz ANT1



OBW NVNT ax20 2437MHz ANT0



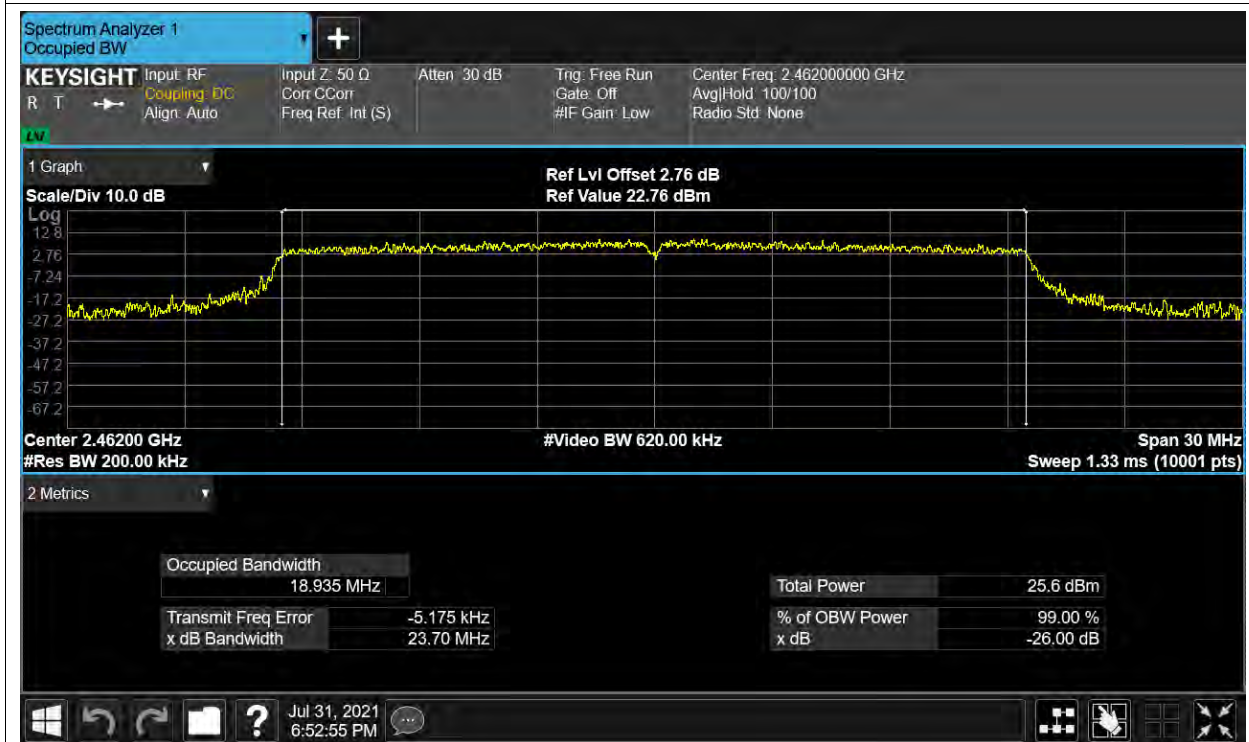
OBW NVNT ax20 2437MHz ANT1



OBW NVNT ax20 2462MHz ANT0



OBW NVNT ax20 2462MHz ANT1



OBW NVNT ax40 2422MHz ANT0



OBW NVNT ax40 2422MHz ANT1



OBW NVNT ax40 2437MHz ANT0



OBW NVNT ax40 2437MHz ANT1



OBW NVNT ax40 2452MHz ANT0



OBW NVNT ax40 2452MHz ANT1



OBW NVNT b 2412MHz ANT0



OBW NVNT b 2437MHz ANT0



OBW NVNT b 2462MHz ANT0



OBW NVNT b 2412MHz ANT1



OBW NVNT b 2437MHz ANT1



OBW NVNT b 2462MHz ANT1



OBW NVNT g 2412MHz ANT0



OBW NVNT g 2462MHz ANT0



OBW NVNT g 2412MHz ANT1



OBW NVNT g 2437MHz ANT1



OBW NVNT g 2462MHz ANT1



OBW NVNT n20 2412MHz ANT0



OBW NVNT n20 2437MHz ANT0



OBW NVNT n20 2462MHz ANT0



OBW NVNT n20 2412MHz ANT1



OBW NVNT n20 2437MHz ANT1



OBW NVNT n20 2462MHz ANT1



OBW NVNT n40 2422MHz ANT0



OBW NVNT n40 2437MHz ANT0



OBW NVNT n40 2452MHz ANT0

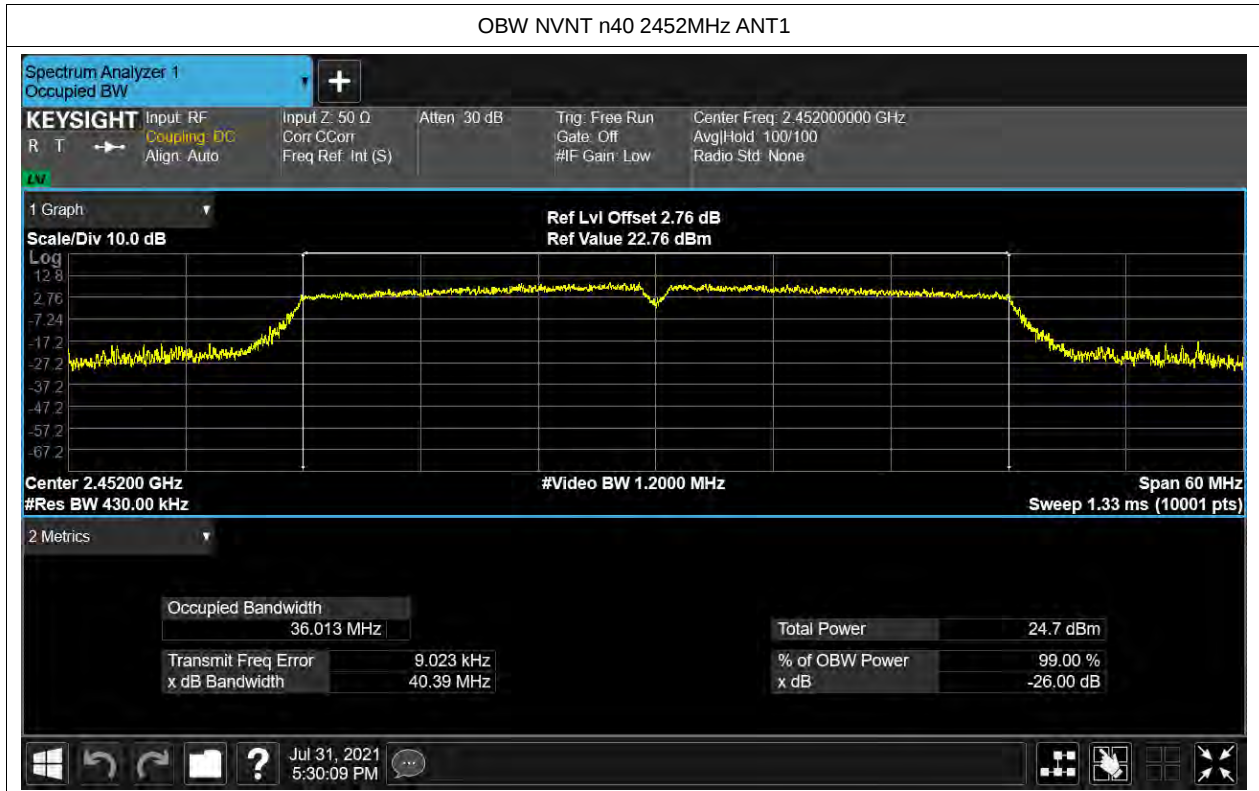


OBW NVNT n40 2422MHz ANT1



OBW NVNT n40 2437MHz ANT1





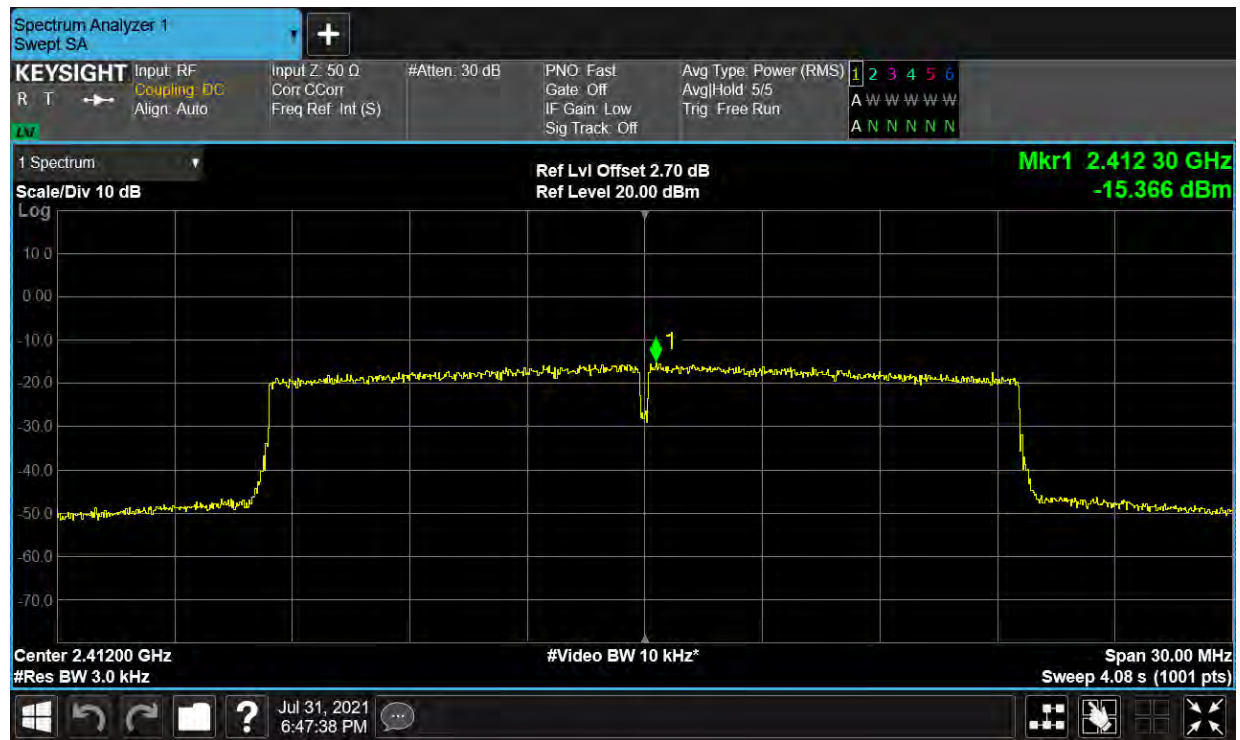
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	ANT0	-15.366	8	Pass
NVNT	ax20	2412	ANT1	-15.015	8	Pass
NVNT	ax20	2412	MIMO	-12.177	8	Pass
NVNT	ax20	2437	ANT0	-15.679	8	Pass
NVNT	ax20	2437	ANT1	-15.721	8	Pass
NVNT	ax20	2437	MIMO	-12.69	8	Pass
NVNT	ax20	2462	ANT0	-15.898	8	Pass
NVNT	ax20	2462	ANT1	-15.769	8	Pass
NVNT	ax20	2462	MIMO	-12.823	8	Pass
NVNT	ax40	2422	ANT0	-19.223	8	Pass
NVNT	ax40	2422	ANT1	-18.797	8	Pass
NVNT	ax40	2422	MIMO	-15.994	8	Pass
NVNT	ax40	2437	ANT0	-18.832	8	Pass
NVNT	ax40	2437	ANT1	-19.147	8	Pass
NVNT	ax40	2437	MIMO	-15.976	8	Pass
NVNT	ax40	2452	ANT0	-18.946	8	Pass
NVNT	ax40	2452	ANT1	-19.196	8	Pass
NVNT	ax40	2452	MIMO	-16.059	8	Pass
NVNT	b	2412	ANT0	-10.403	8	Pass
NVNT	b	2437	ANT0	-10.727	8	Pass
NVNT	b	2462	ANT0	-11.811	8	Pass
NVNT	b	2412	ANT1	-10.943	8	Pass
NVNT	b	2437	ANT1	-11.233	8	Pass
NVNT	b	2462	ANT1	-11.212	8	Pass
NVNT	g	2412	ANT0	-13.821	8	Pass
NVNT	g	2437	ANT0	-13.336	8	Pass
NVNT	g	2462	ANT0	-13.919	8	Pass
NVNT	g	2412	ANT1	-13.769	8	Pass
NVNT	g	2437	ANT1	-13.793	8	Pass
NVNT	g	2462	ANT1	-14.074	8	Pass
NVNT	n20	2412	ANT0	-14.246	8	Pass
NVNT	n20	2437	ANT0	-13.686	8	Pass
NVNT	n20	2462	ANT0	-13.953	8	Pass
NVNT	n20	2412	ANT1	-13.782	8	Pass
NVNT	n20	2437	ANT1	-14.138	8	Pass
NVNT	n20	2462	ANT1	-13.862	8	Pass
NVNT	n40	2422	ANT0	-18.032	8	Pass
NVNT	n40	2437	ANT0	-17.533	8	Pass
NVNT	n40	2452	ANT0	-17.303	8	Pass

NVNT	n40	2422	ANT1	-17.957	8	Pass
NVNT	n40	2437	ANT1	-17.896	8	Pass
NVNT	n40	2452	ANT1	-17.946	8	Pass

Test Graphs

PSD NVNT ax20 2412MHz ANT0



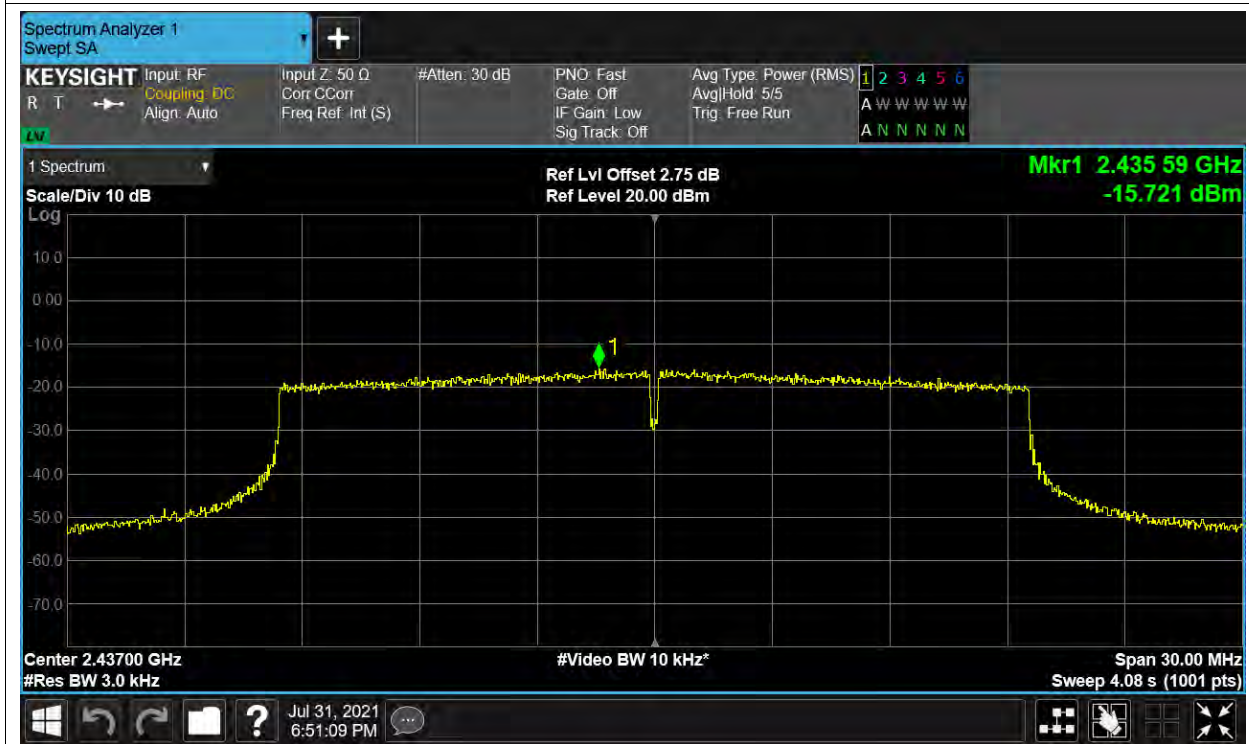
PSD NVNT ax20 2412MHz ANT1



PSD NVNT ax20 2437MHz ANT0



PSD NVNT ax20 2437MHz ANT1

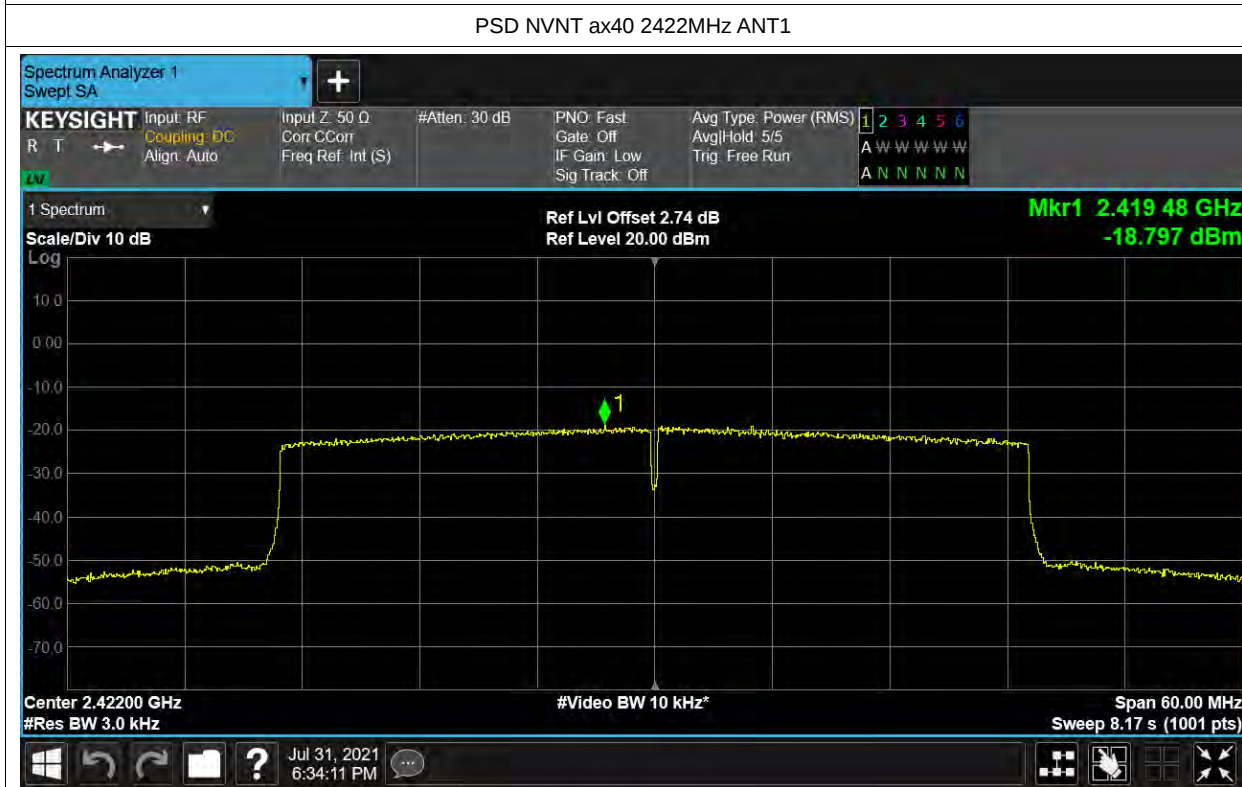


PSD NVNT ax20 2462MHz ANT0

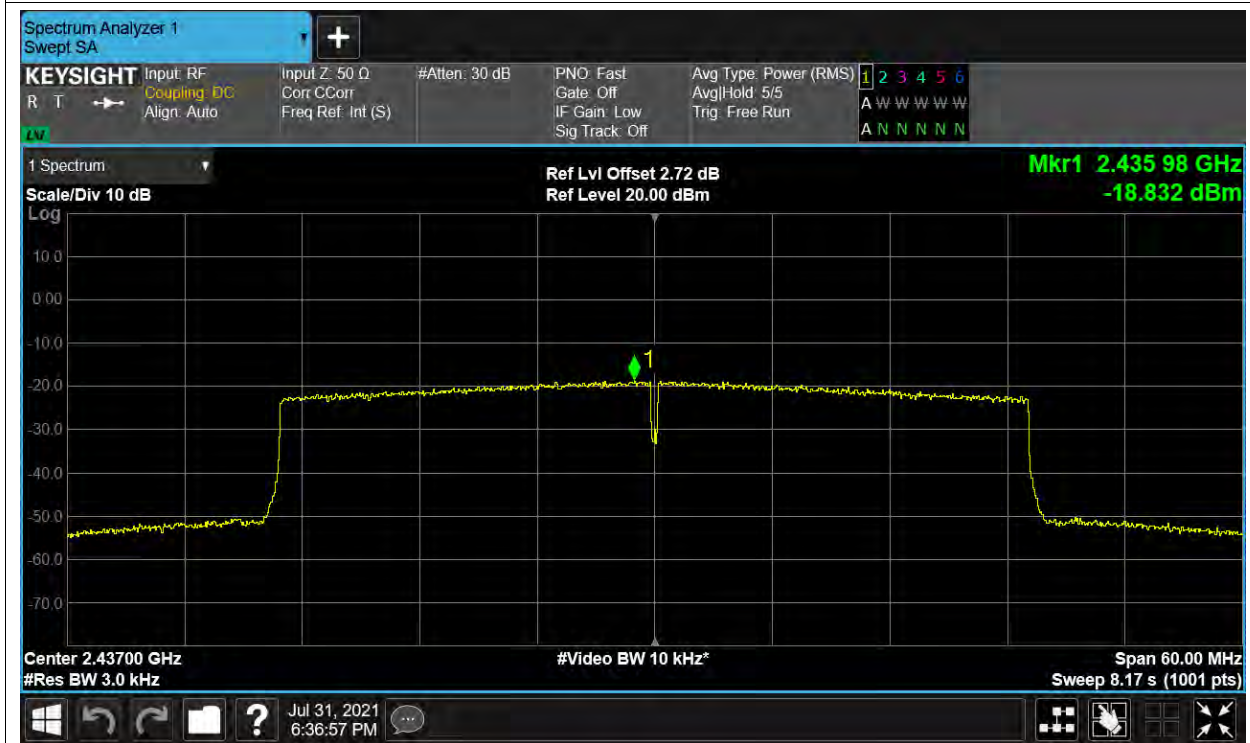


PSD NVNT ax20 2462MHz ANT1

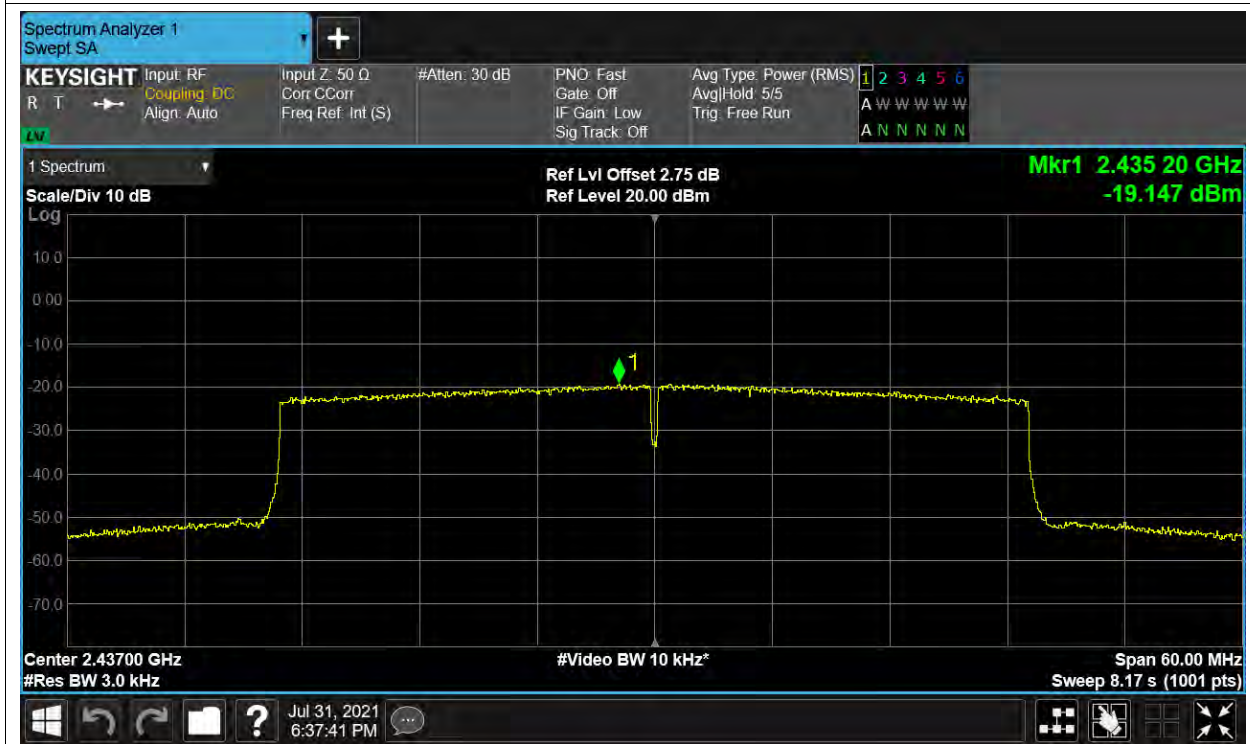




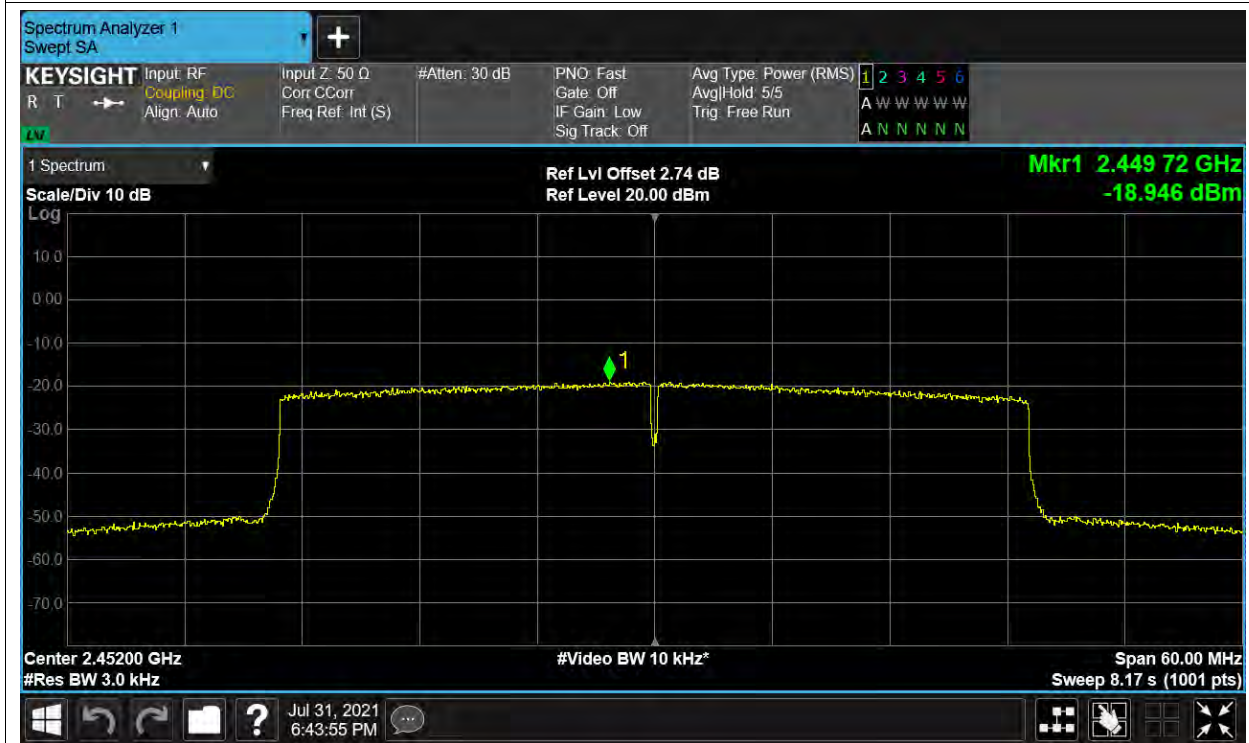
PSD NVNT ax40 2437MHz ANT0



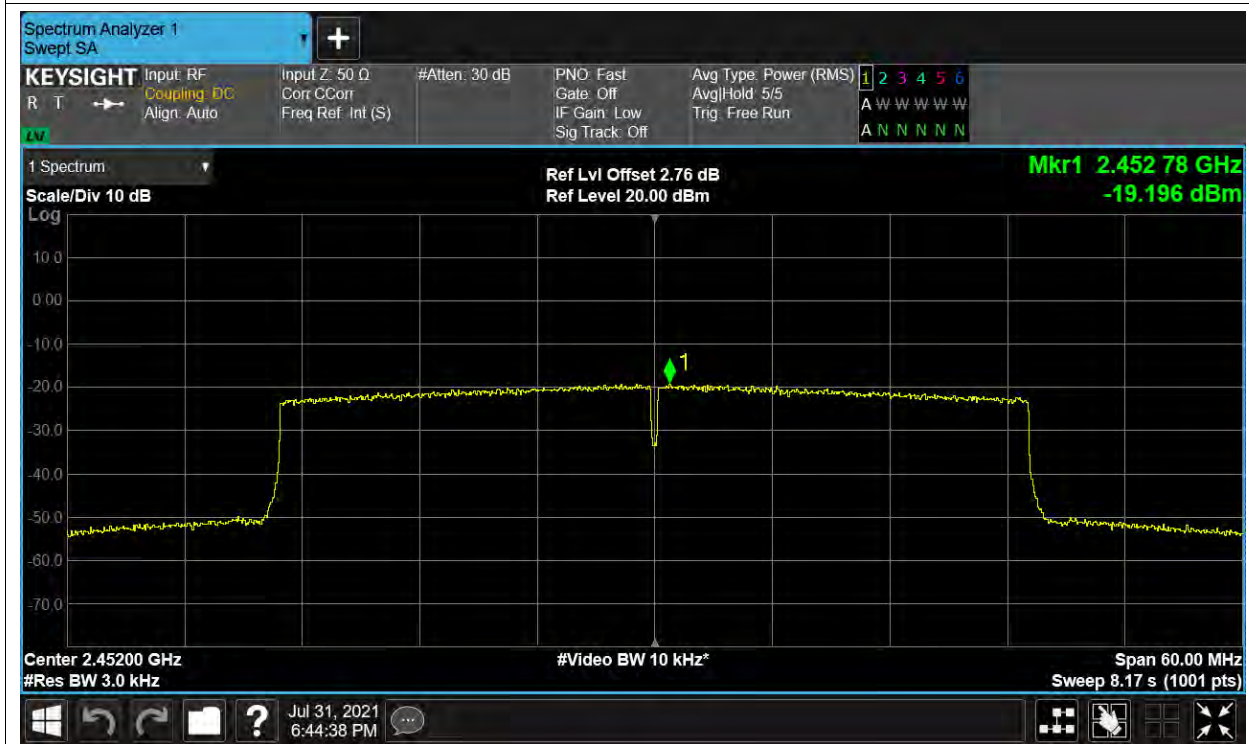
PSD NVNT ax40 2437MHz ANT1



PSD NVNT ax40 2452MHz ANT0



PSD NVNT ax40 2452MHz ANT1



PSD NVNT b 2412MHz ANT0



PSD NVNT b 2437MHz ANT0



PSD NVNT b 2462MHz ANT0



PSD NVNT b 2412MHz ANT1



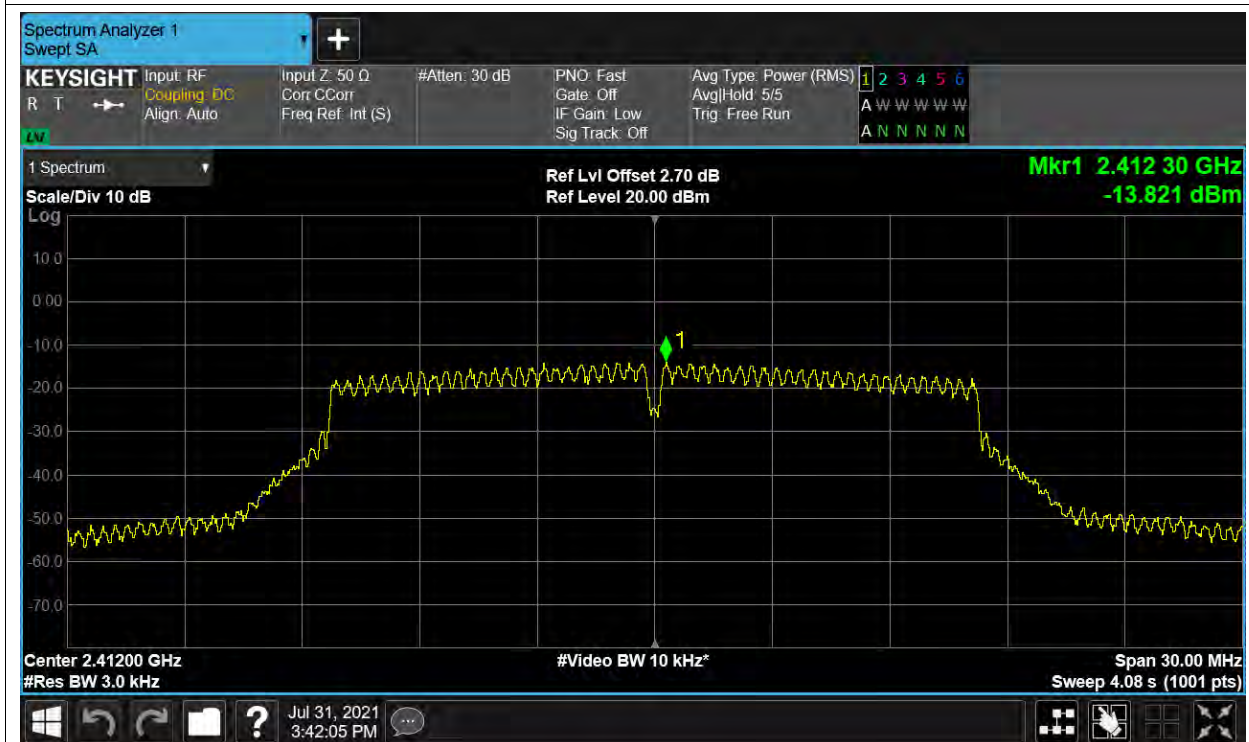
PSD NVNT b 2437MHz ANT1



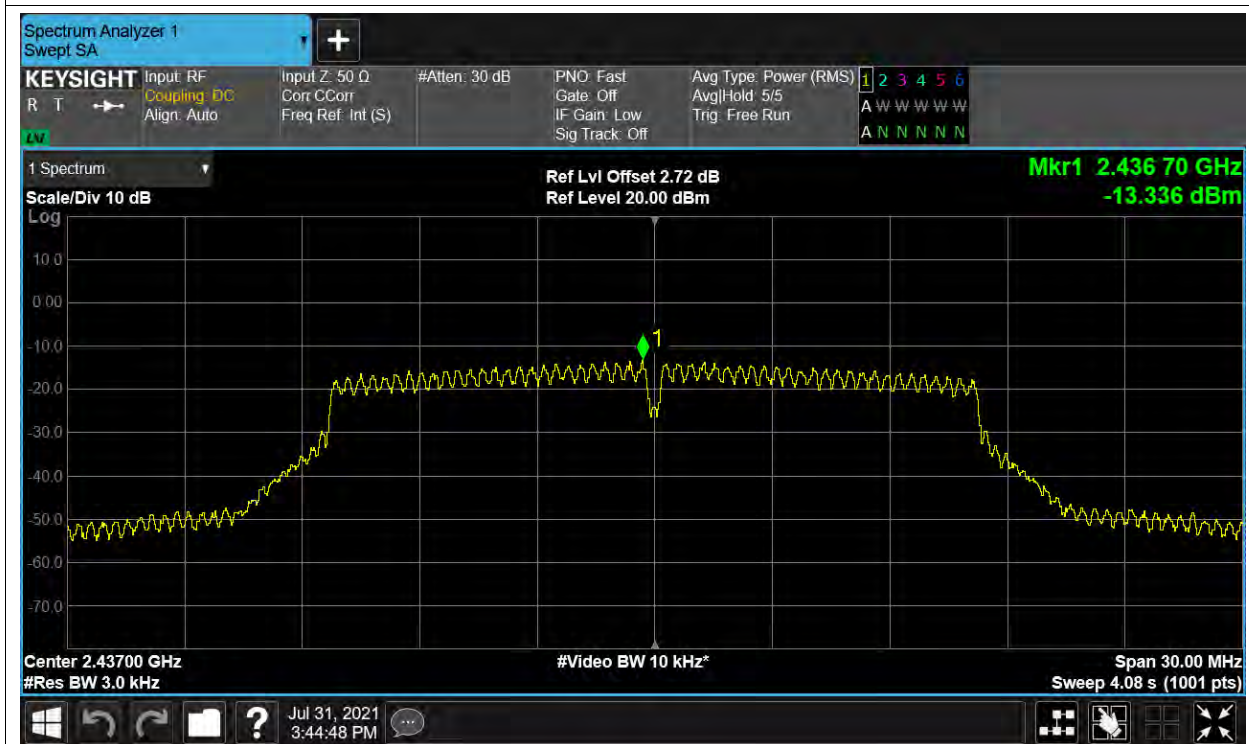
PSD NVNT b 2462MHz ANT1



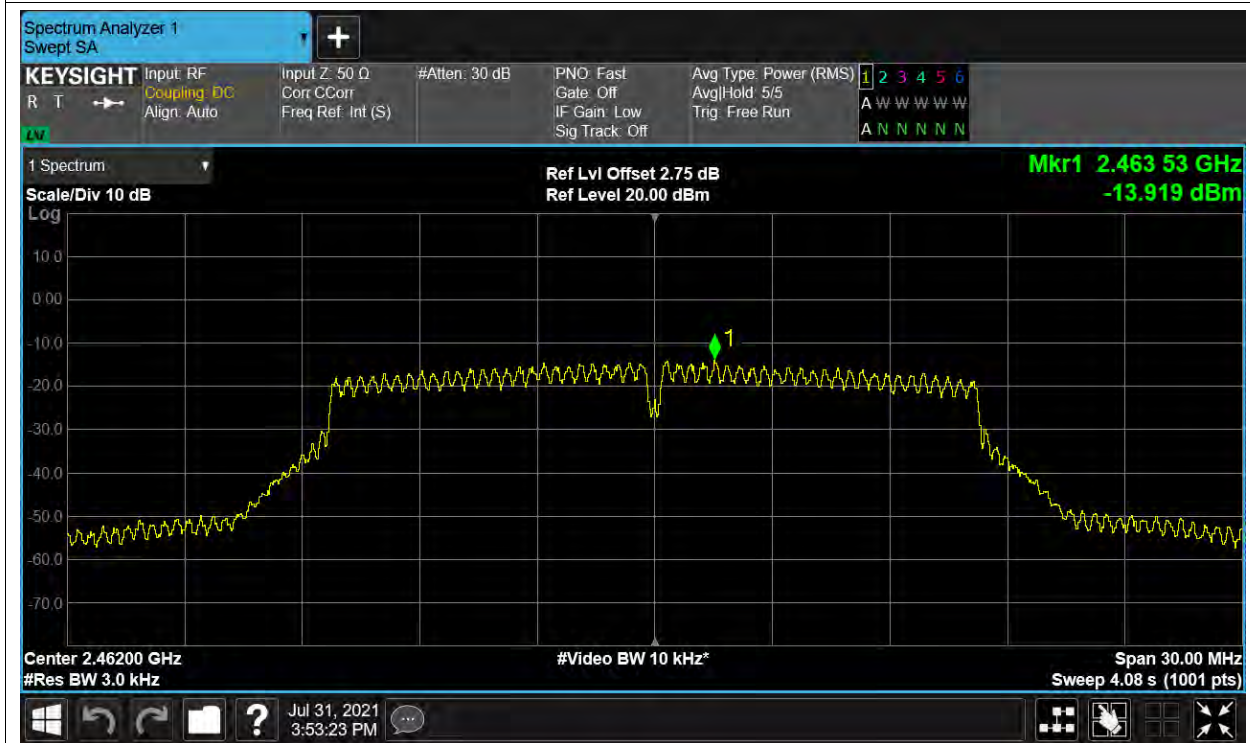
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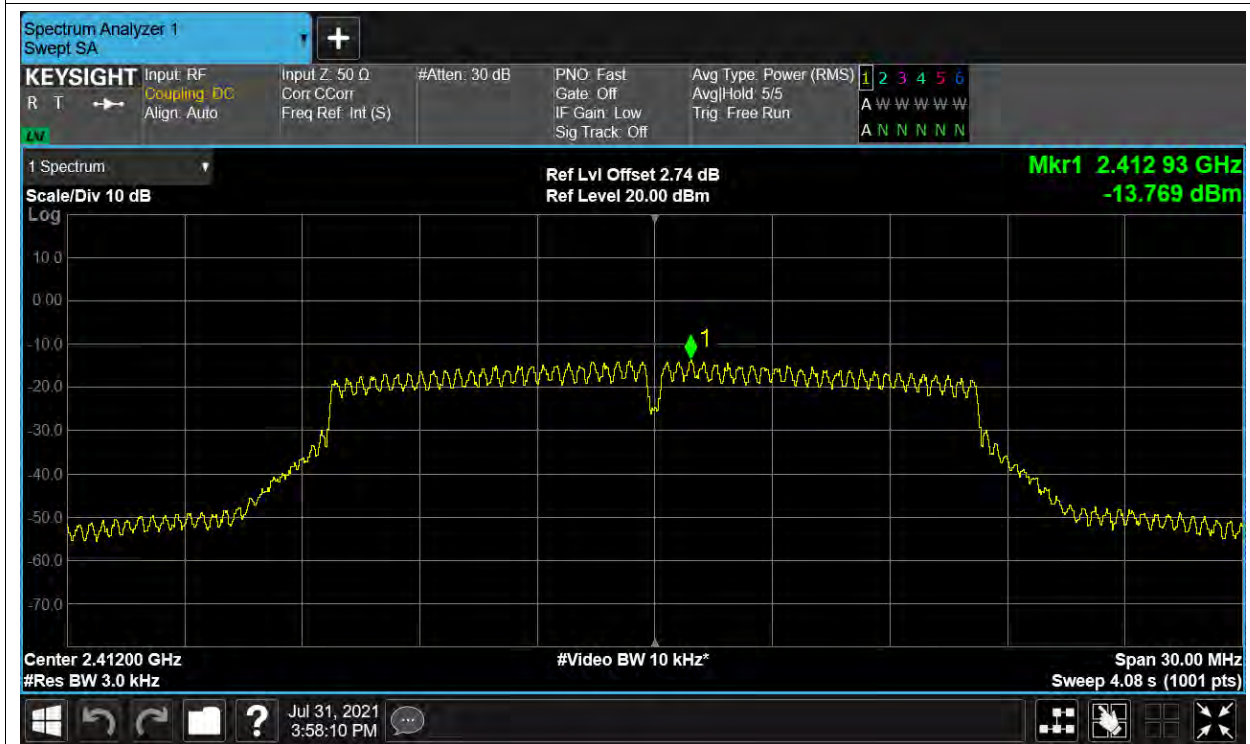
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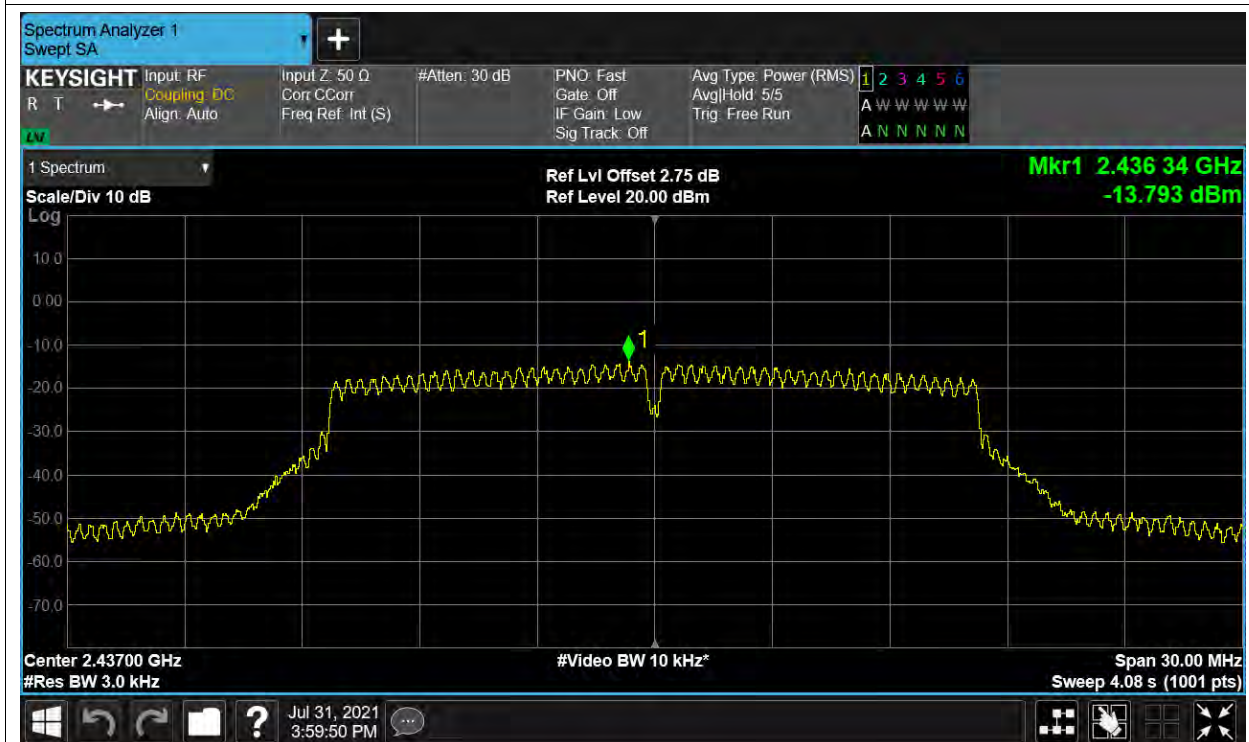
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PSD NVNT g 2412MHz ANT1



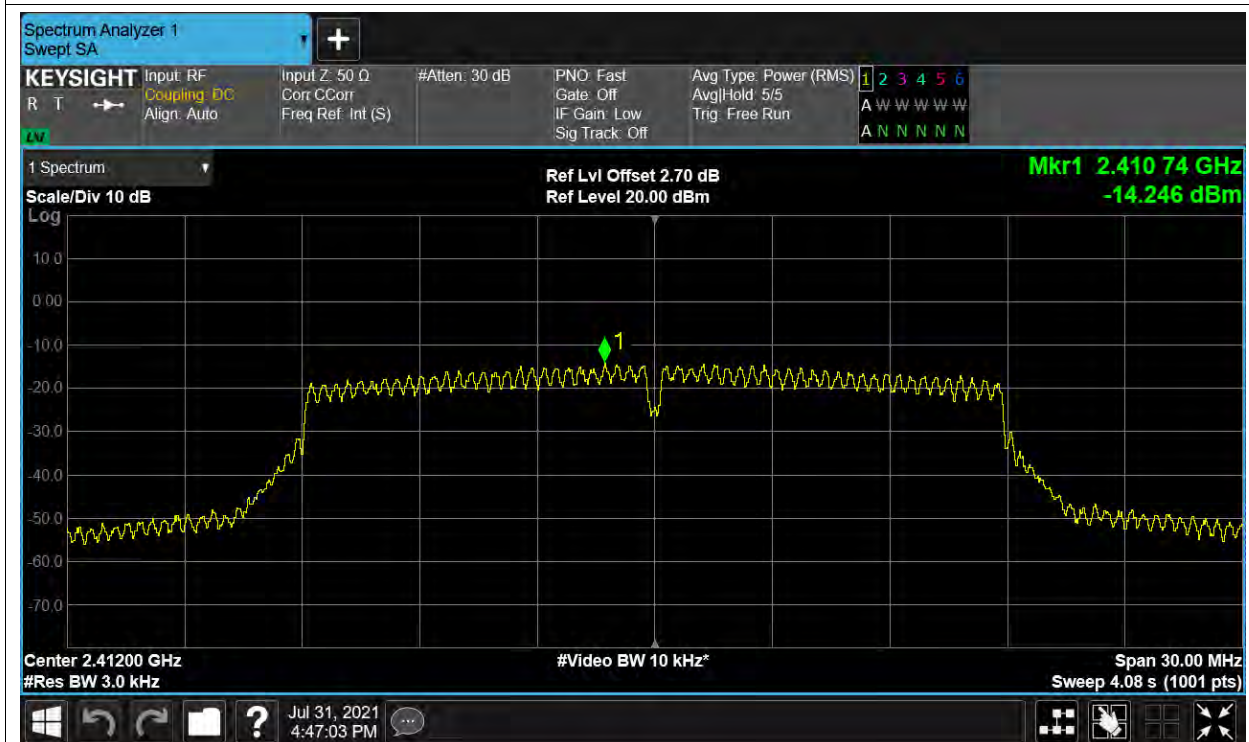
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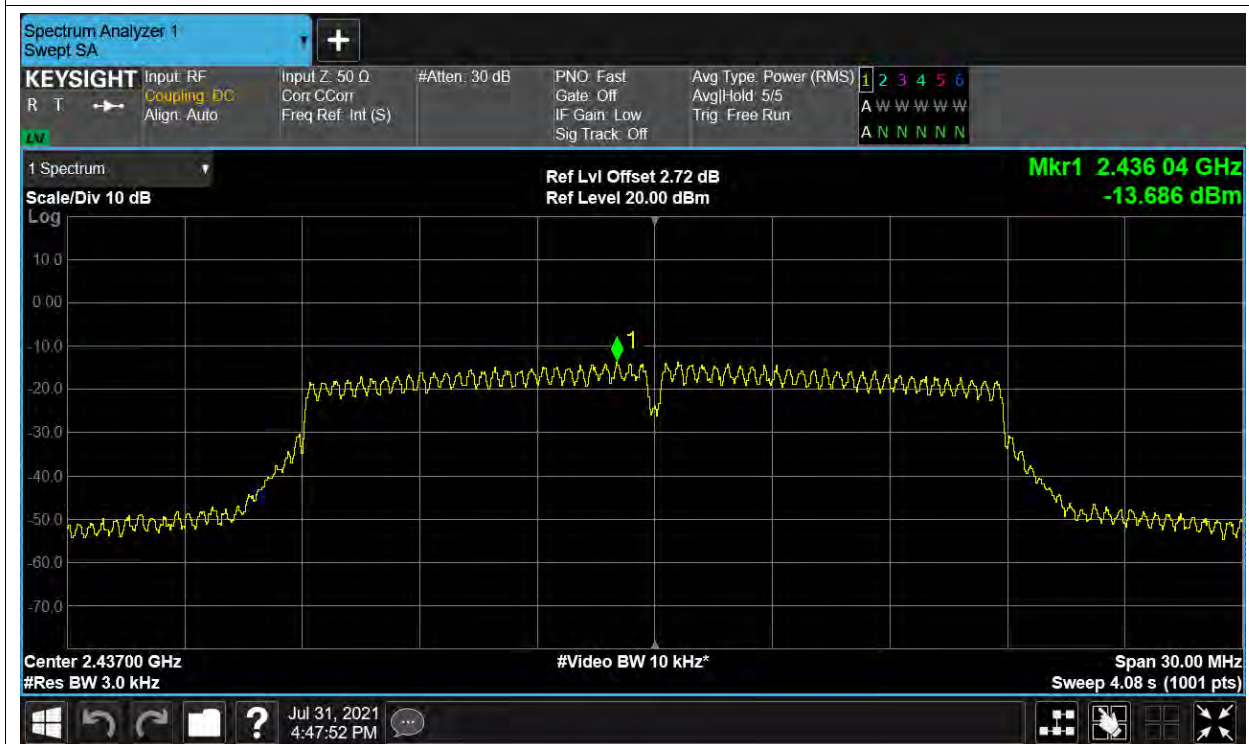
PSD NVNT g 2462MHz ANT1



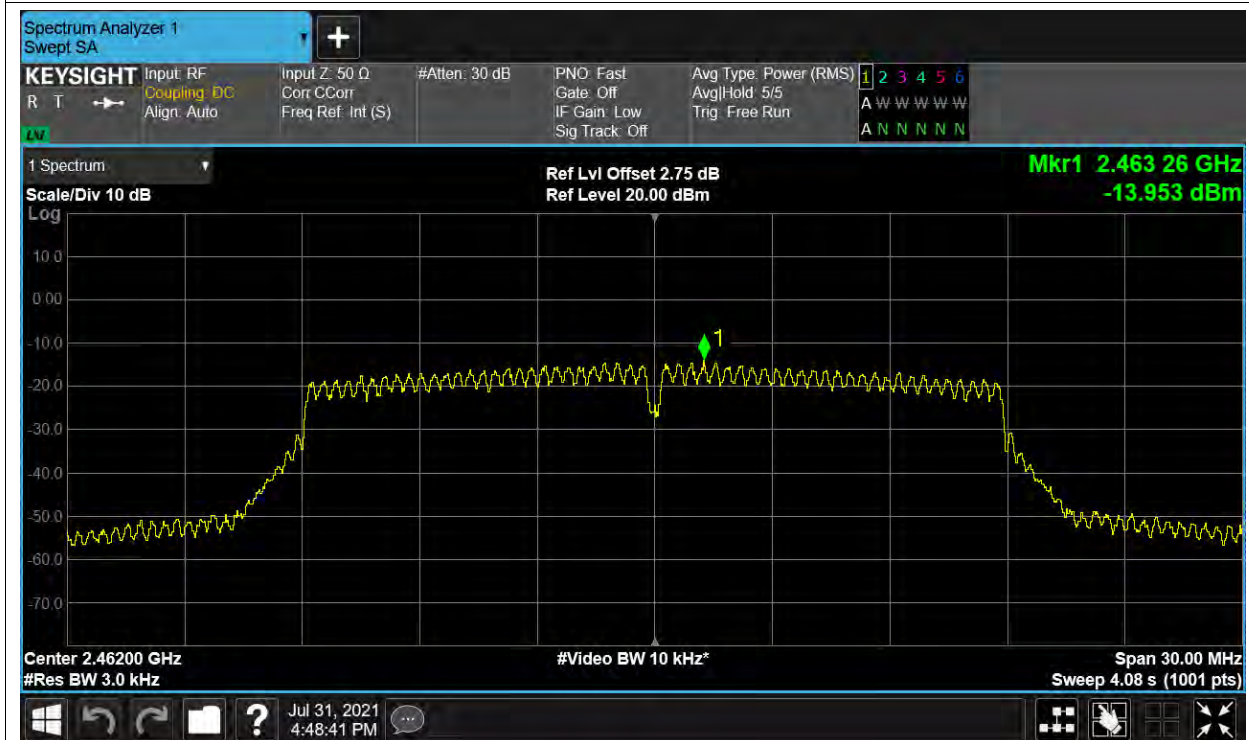
PSD NVNT n20 2412MHz ANT0



PSD NVNT n20 2437MHz ANT0



PSD NVNT n20 2462MHz ANT0



PSD NVNT n20 2412MHz ANT1

