

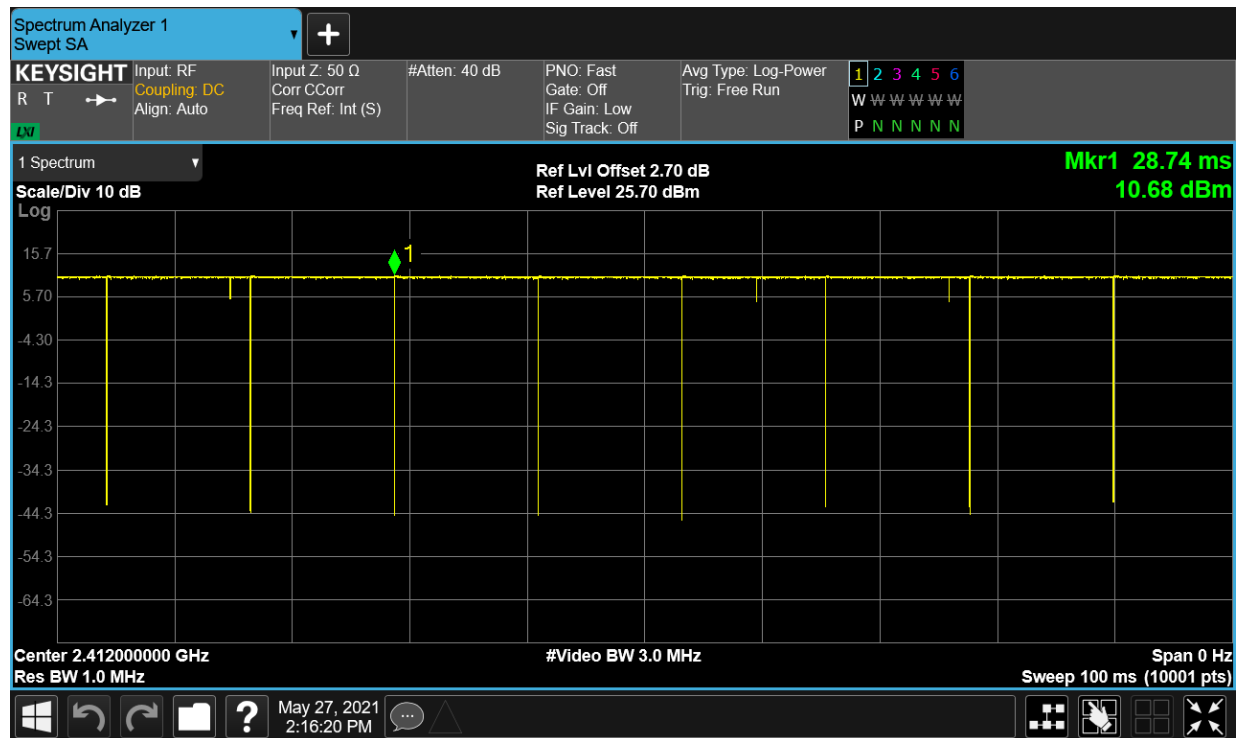
Test Data

Duty Cycle

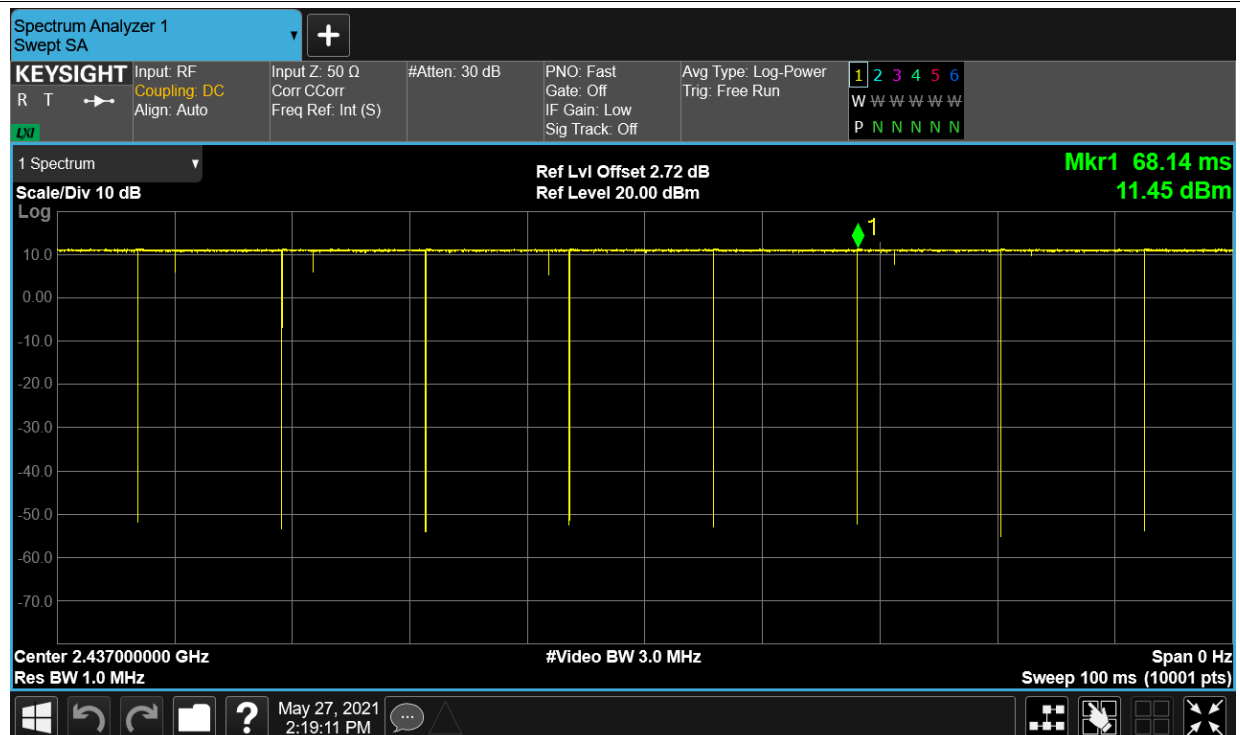
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	99.73	0.01
NVNT	b	2437	Ant1	99.75	0.01
NVNT	b	2462	Ant1	99.77	0.01
NVNT	b	2412	Ant2	99.74	0.01
NVNT	b	2437	Ant2	99.74	0.01
NVNT	b	2462	Ant2	99.73	0.01
NVNT	g	2412	Ant1	98.15	0.08
NVNT	g	2437	Ant1	98.11	0.08
NVNT	g	2462	Ant1	98.1	0.08
NVNT	g	2412	Ant2	98.14	0.08
NVNT	g	2437	Ant2	98.14	0.08
NVNT	g	2462	Ant2	98.15	0.08
NVNT	n20	2412	MIMO	97.97	0.09
NVNT	n20	2437	MIMO	98.02	0.09
NVNT	n20	2462	MIMO	97.98	0.09
NVNT	n40	2422	MIMO	97.2	0.12
NVNT	n40	2437	MIMO	97.24	0.12
NVNT	n40	2452	MIMO	97.2	0.12

Test Graphs

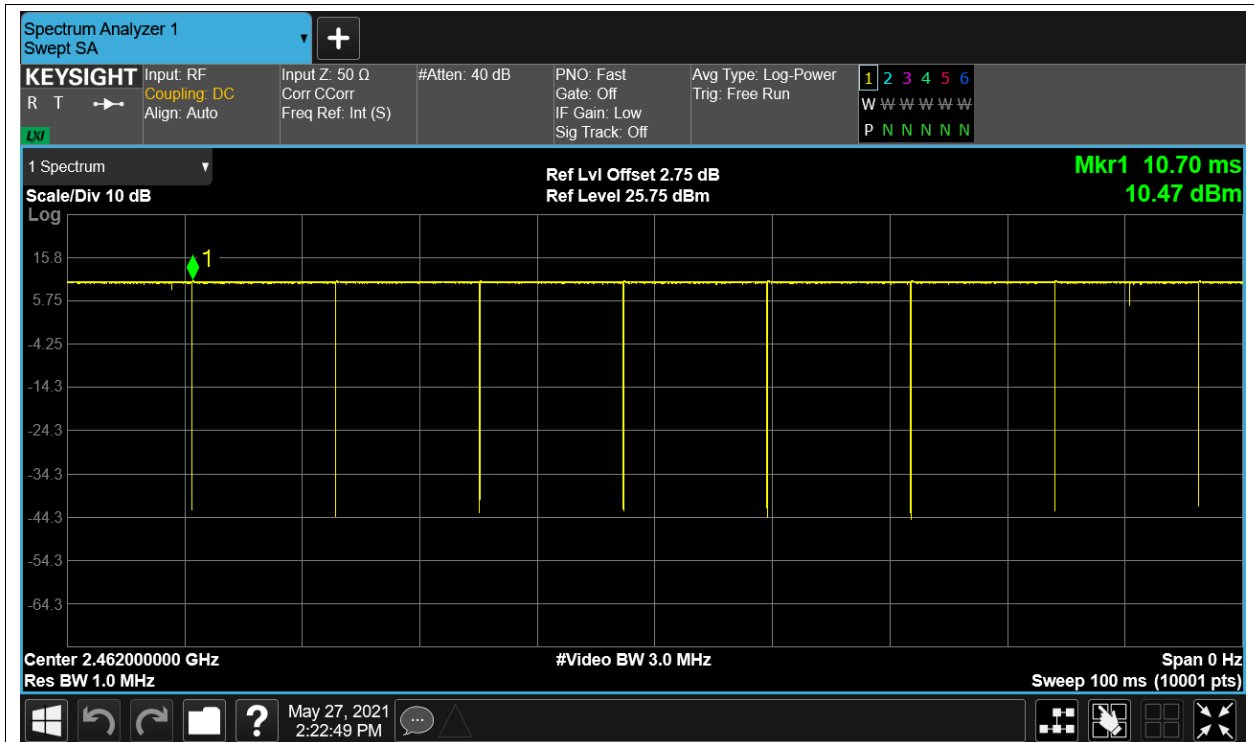
Duty Cycle NVNT b 2412MHz Ant1



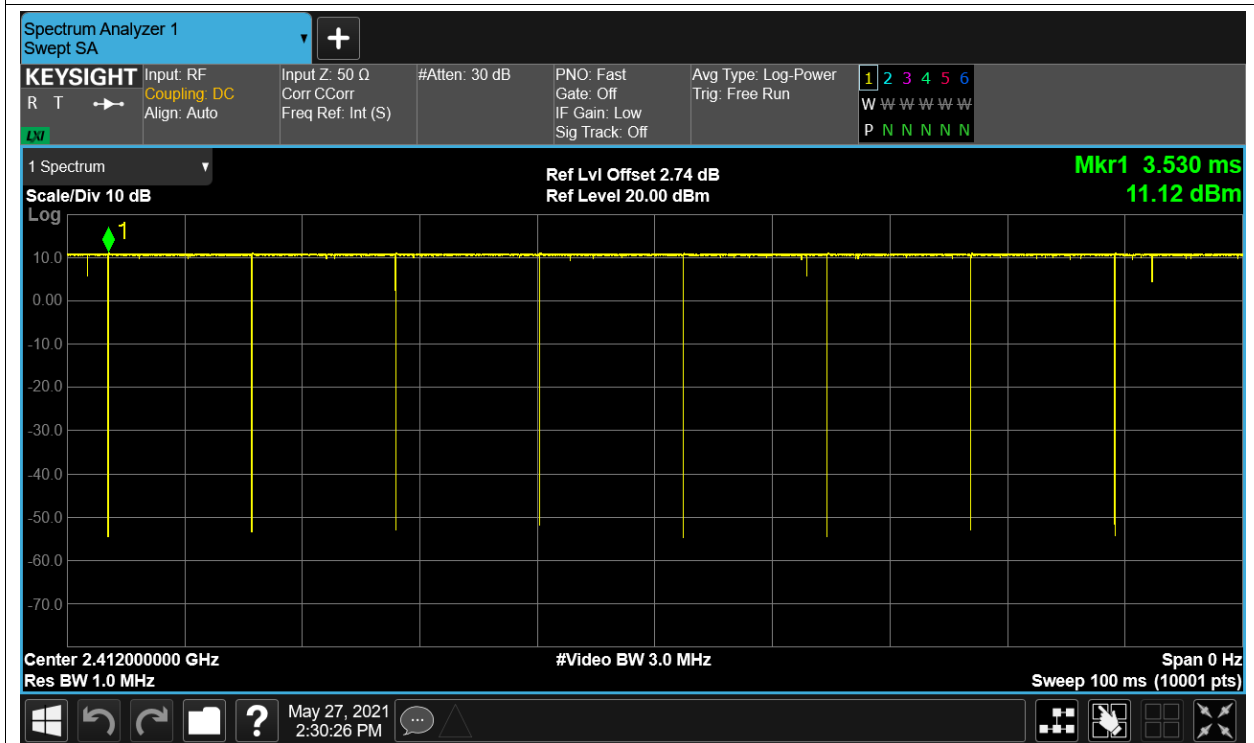
Duty Cycle NVNT b 2437MHz Ant1



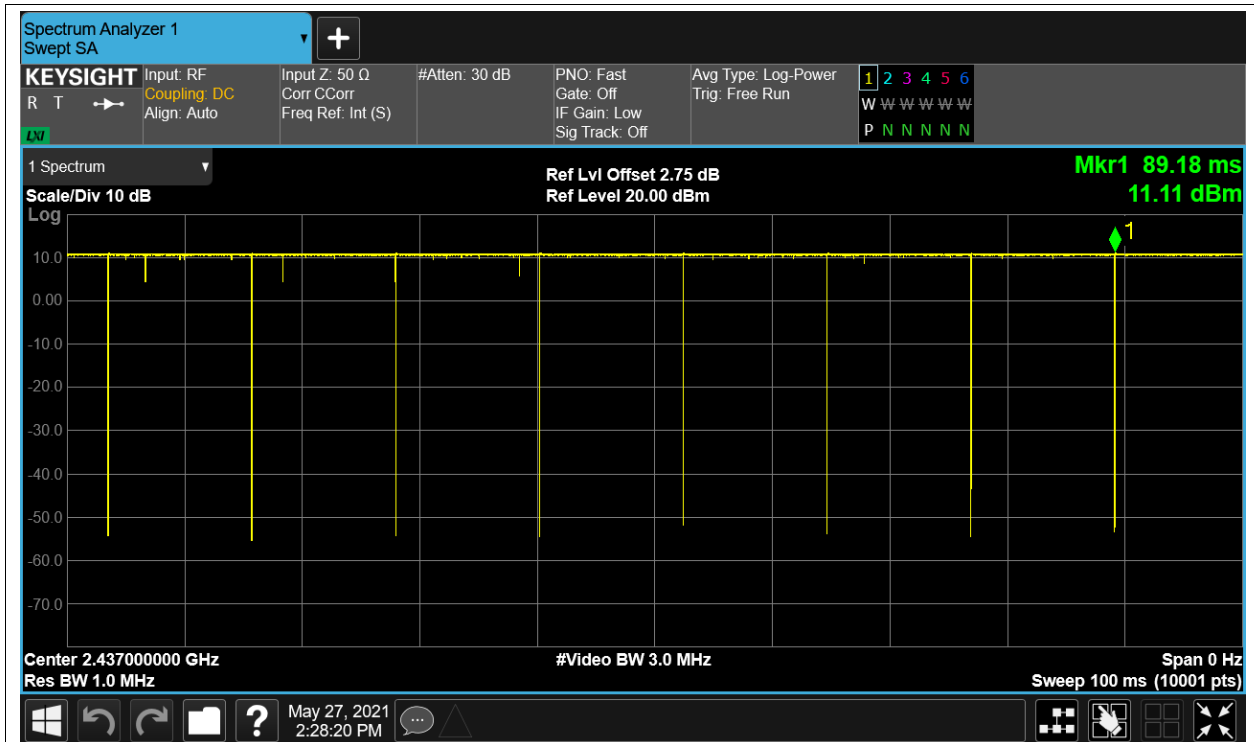
Duty Cycle NVNT b 2462MHz Ant1



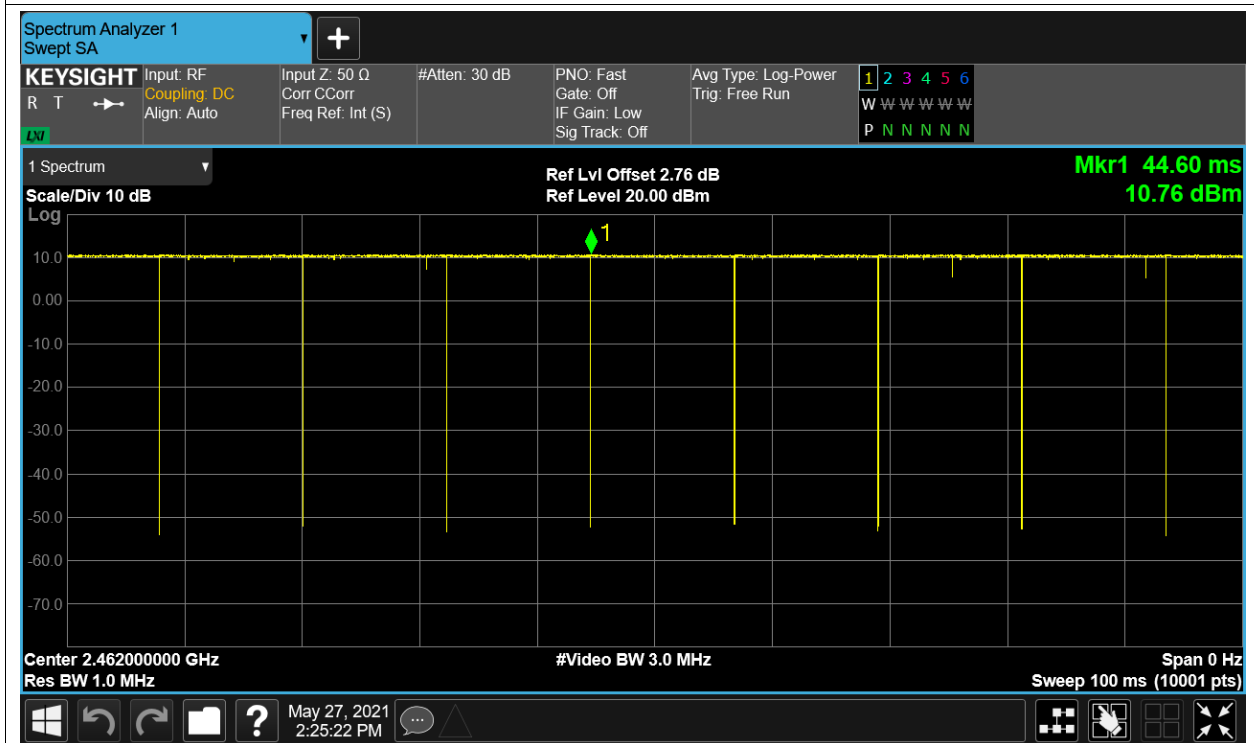
Duty Cycle NVNT b 2412MHz Ant2



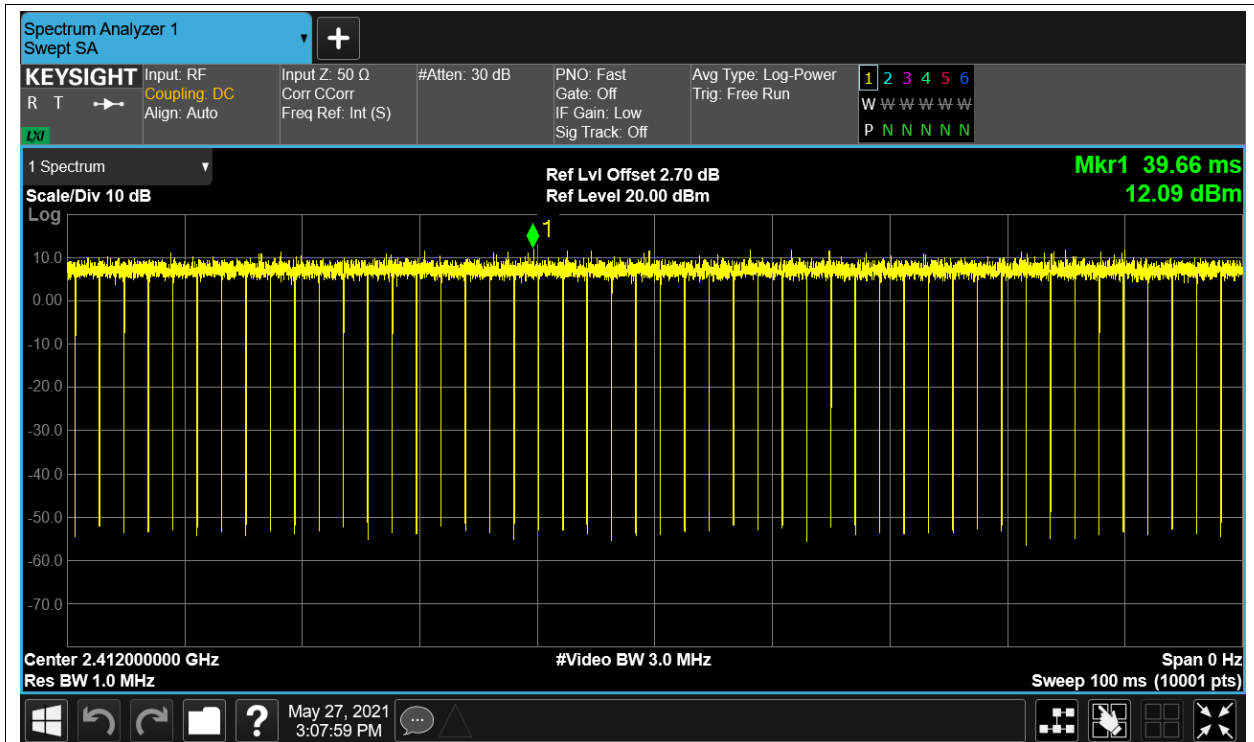
Duty Cycle NVNT b 2437MHz Ant2



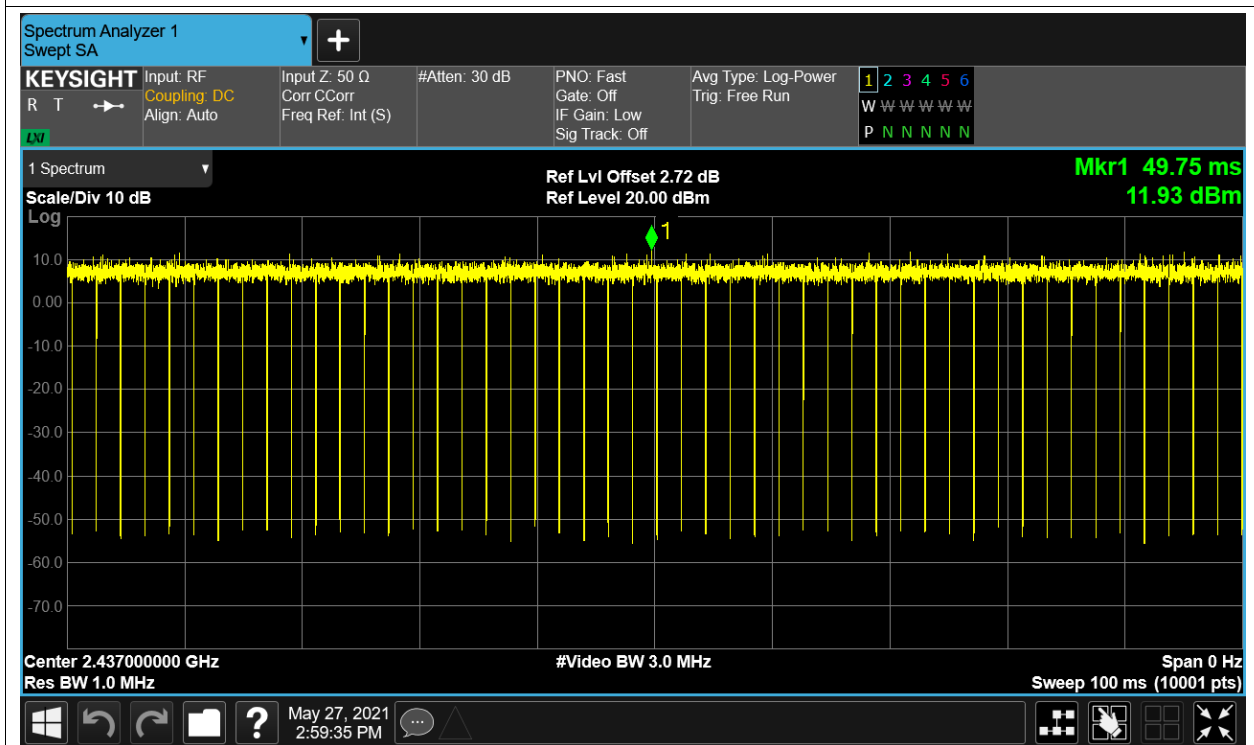
Duty Cycle NVNT b 2462MHz Ant2



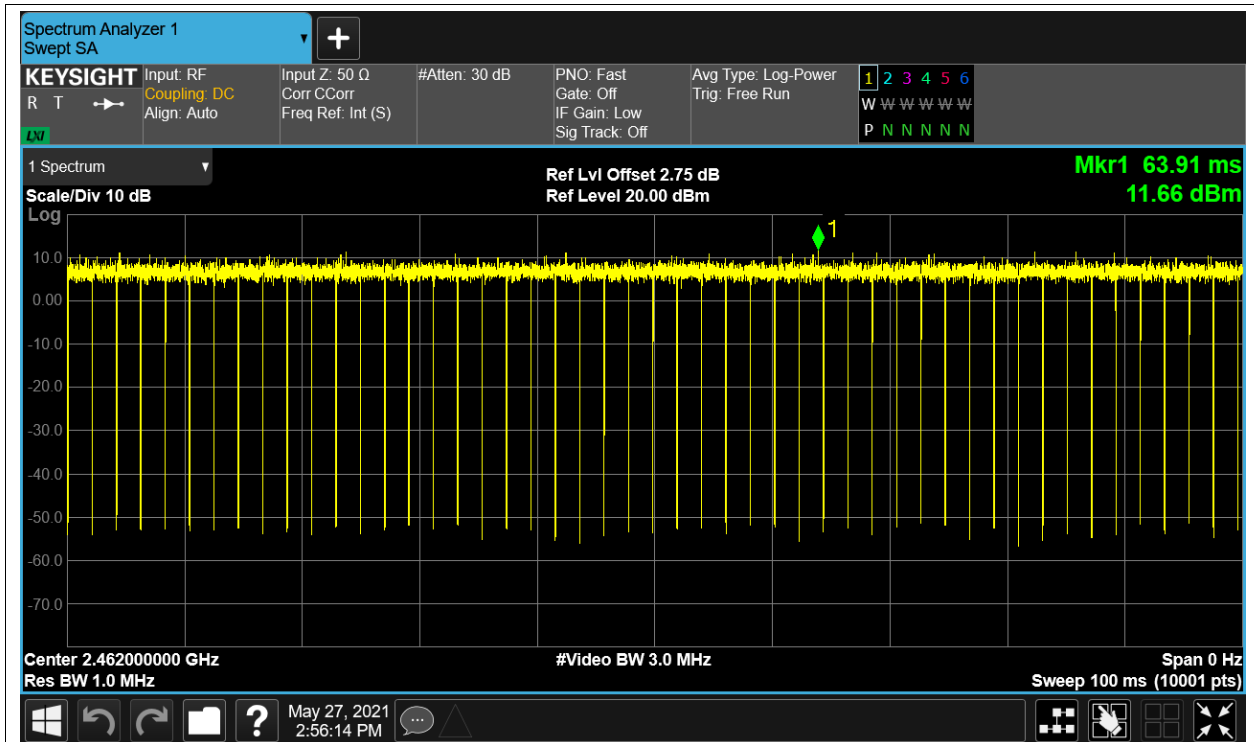
Duty Cycle NVNT g 2412MHz Ant1



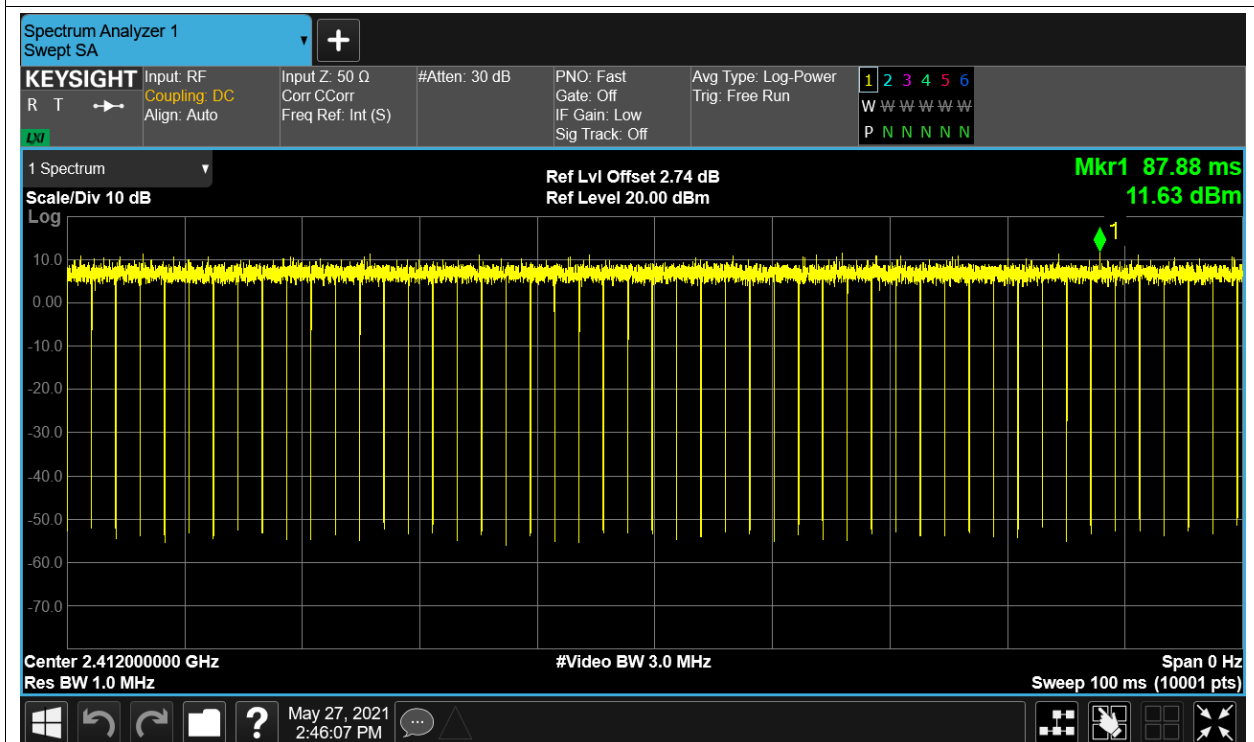
Duty Cycle NVNT g 2437MHz Ant1



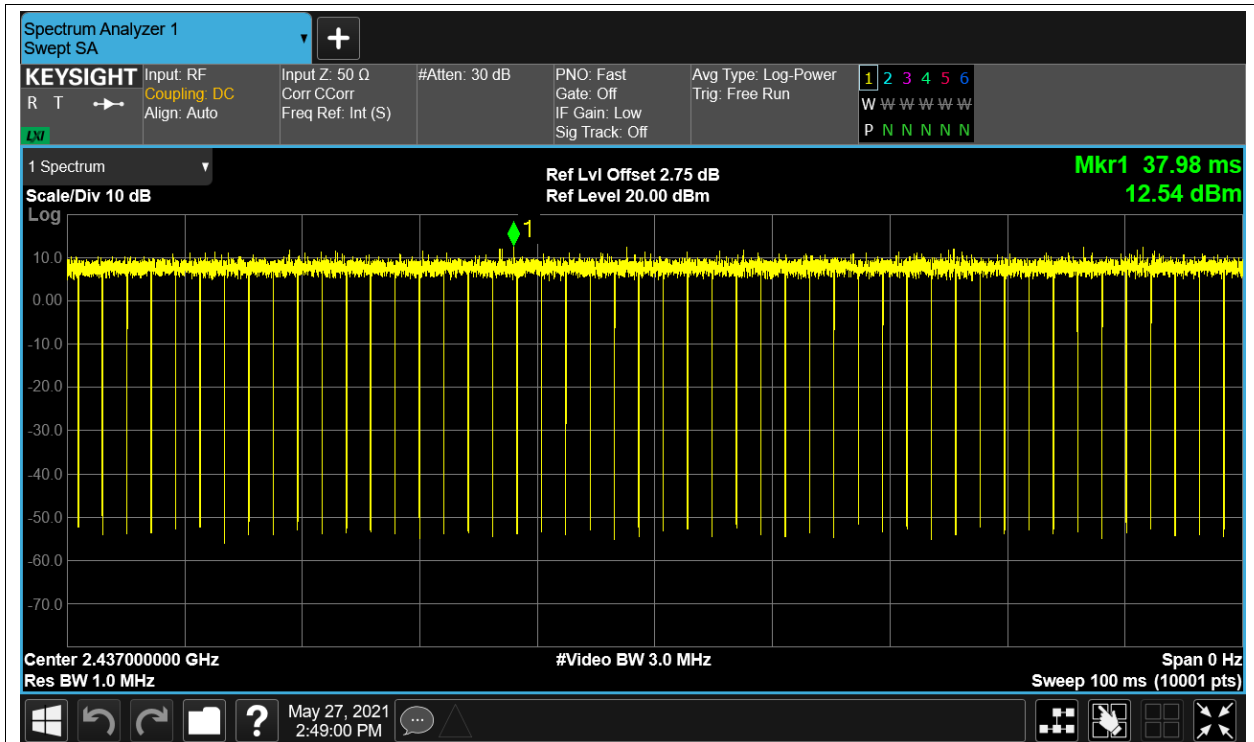
Duty Cycle NVNT g 2462MHz Ant1



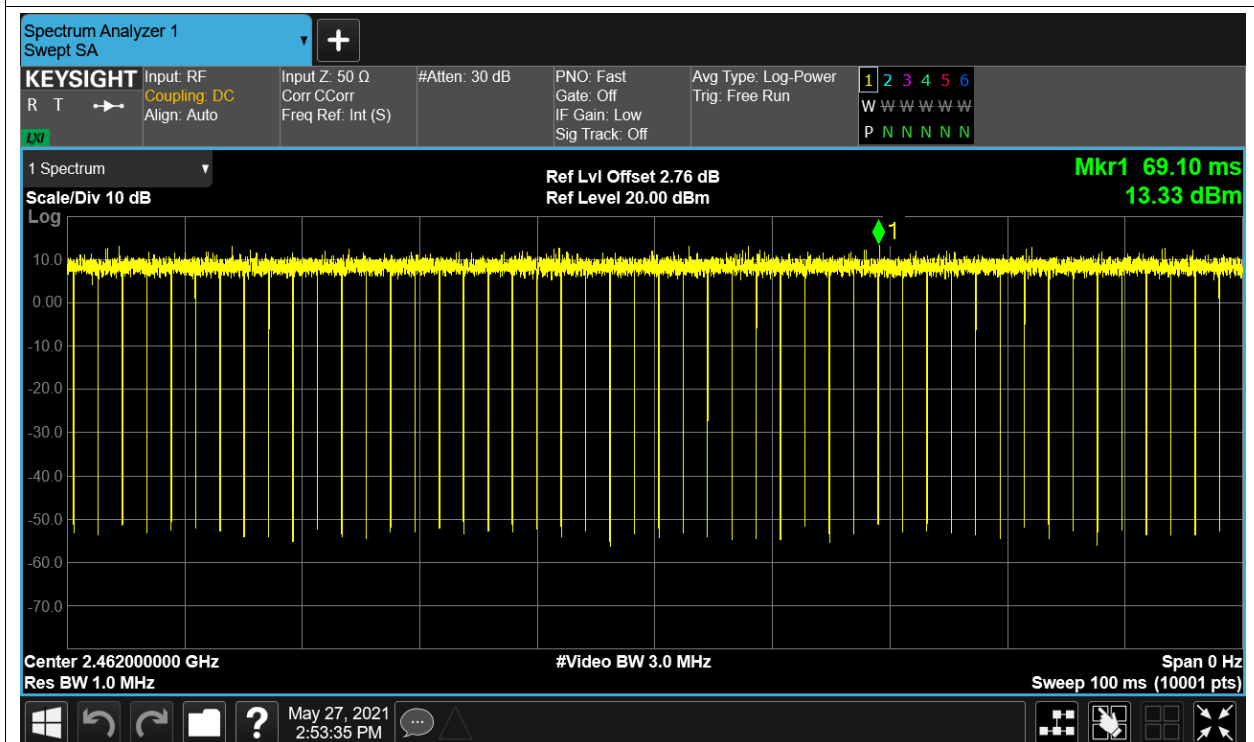
Duty Cycle NVNT g 2412MHz Ant2



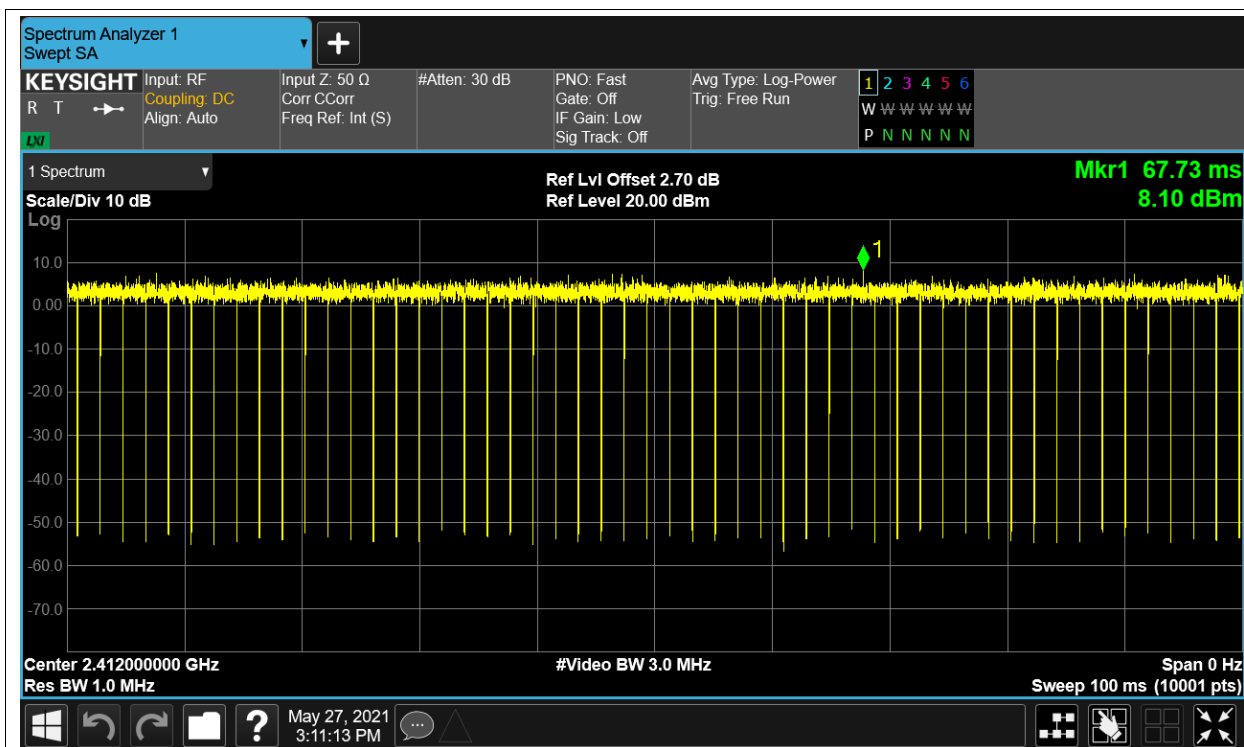
Duty Cycle NVNT g 2437MHz Ant2



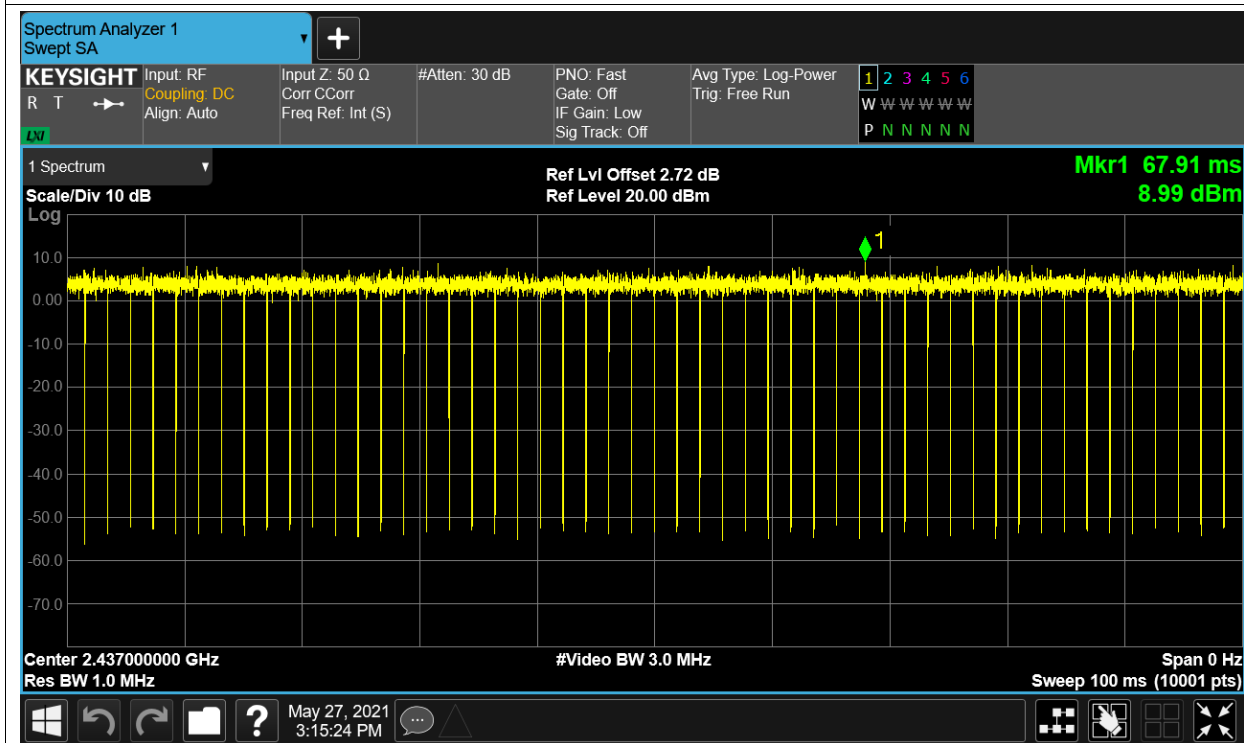
Duty Cycle NVNT g 2462MHz Ant2



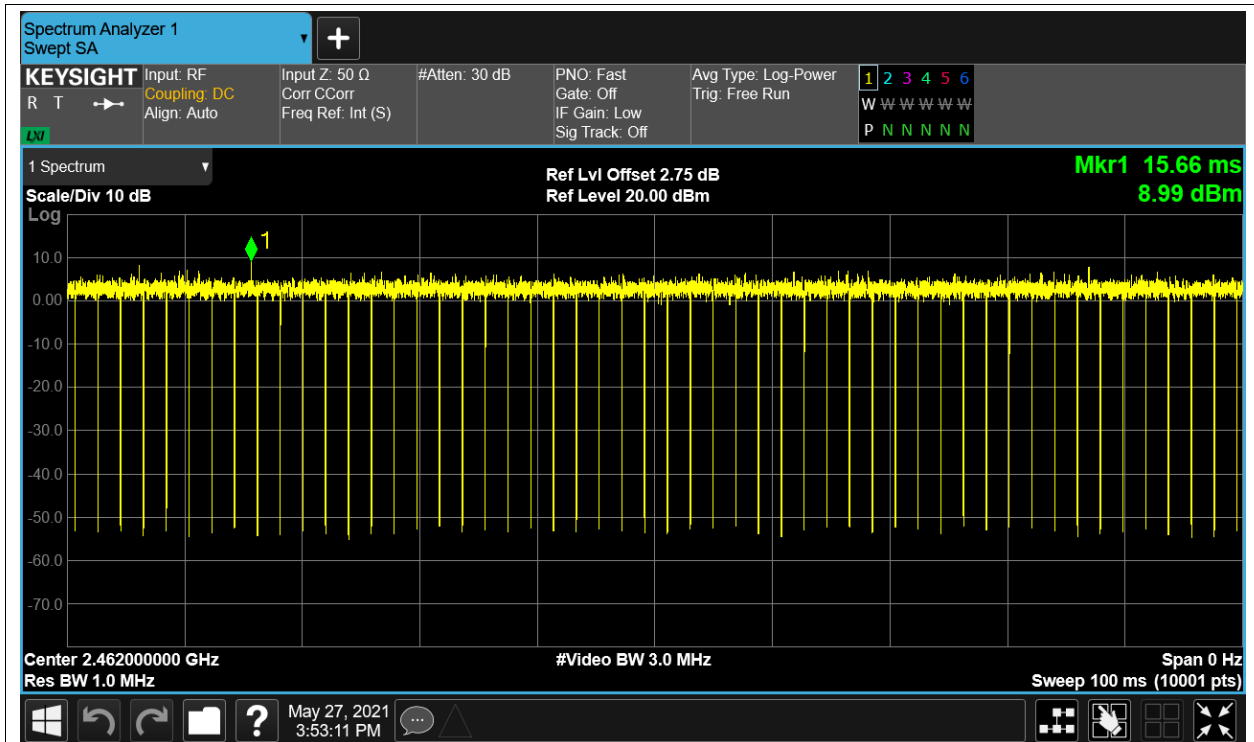
Duty Cycle NVNT n20 2412MHz MIMO



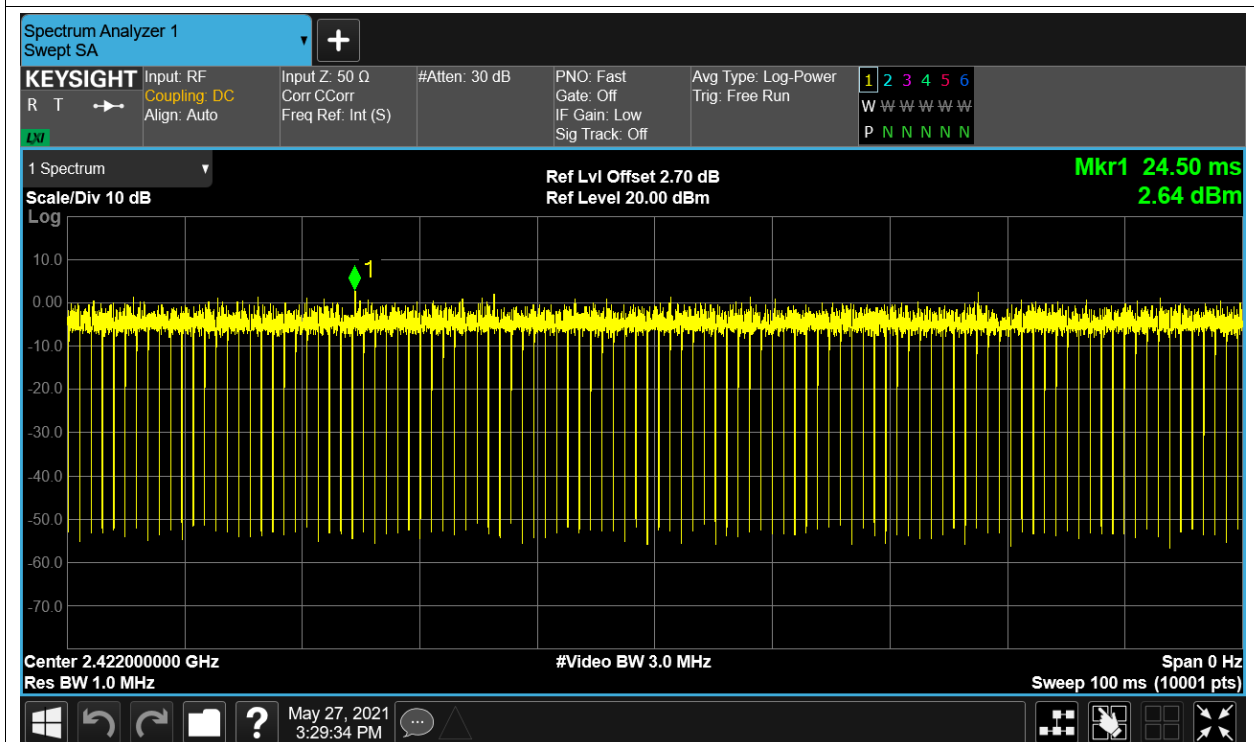
Duty Cycle NVNT n20 2437MHz MIMO



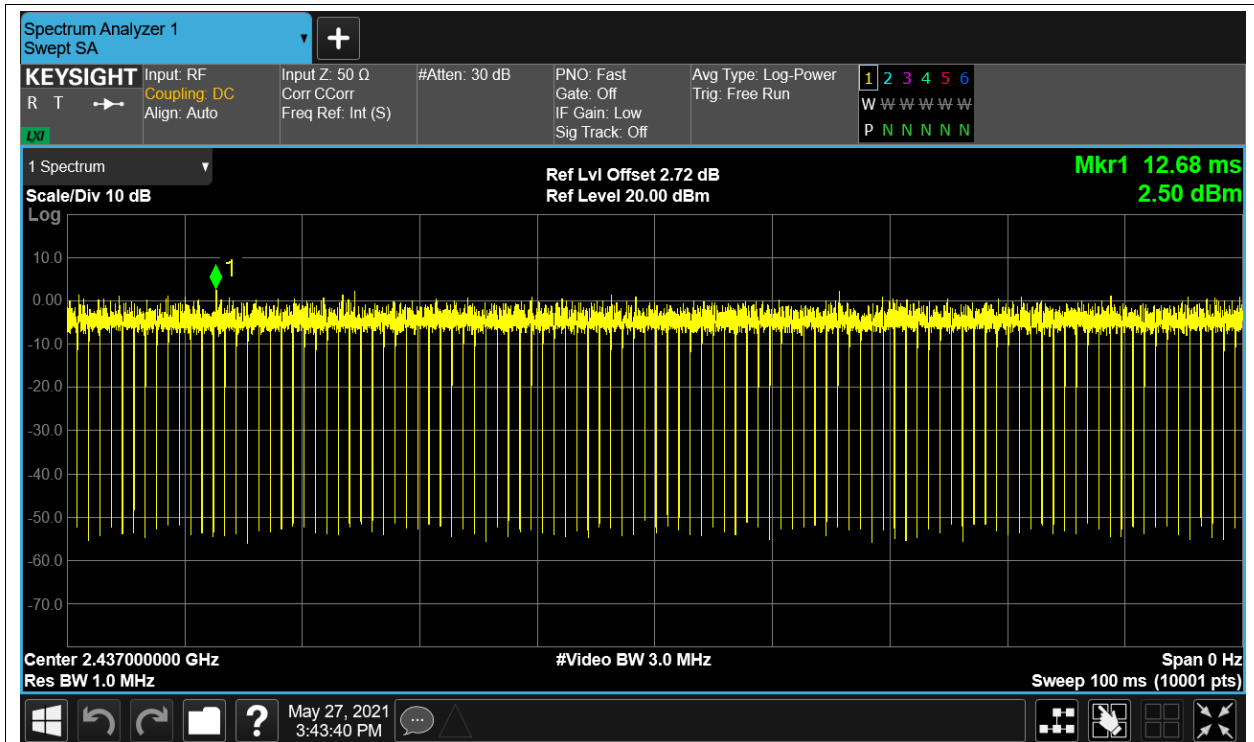
Duty Cycle NVNT n20 2462MHz MIMO



Duty Cycle NVNT n40 2422MHz MIMO



Duty Cycle NVNT n40 2437MHz MIMO



Duty Cycle NVNT n40 2452MHz MIMO



Maximum Conducted Output Power

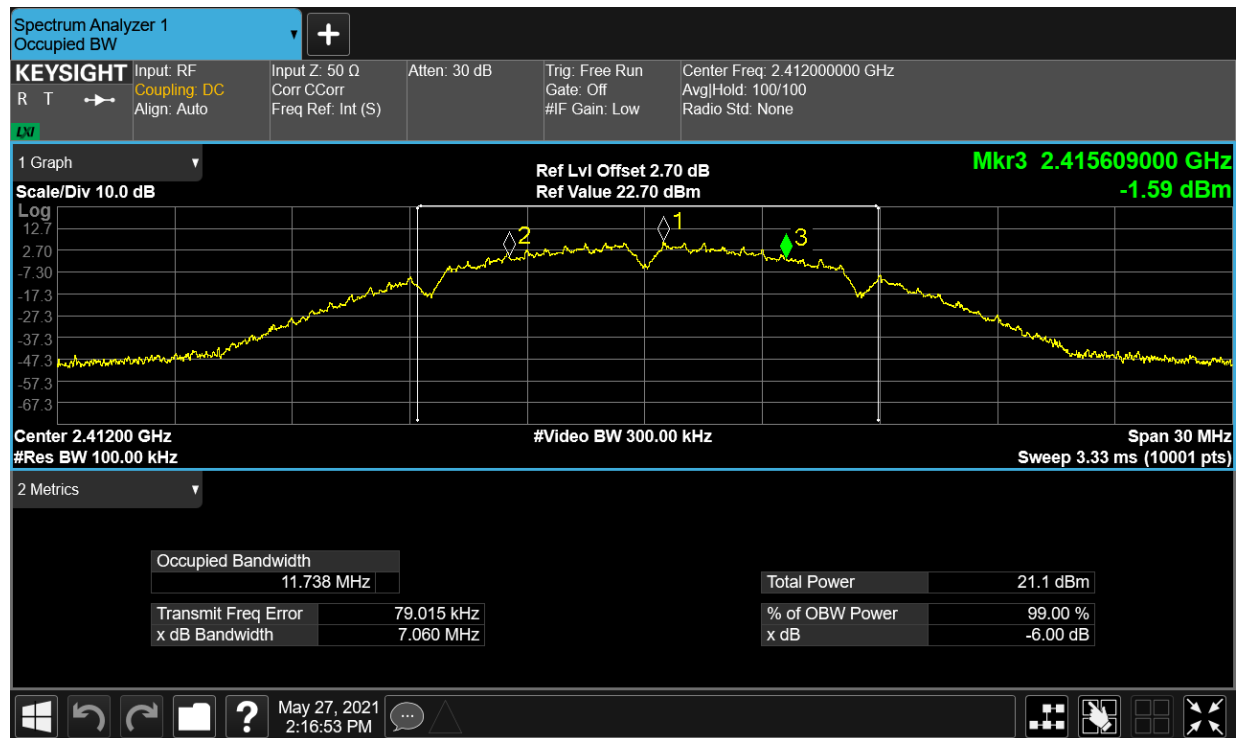
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.16	0.01	14.17	30	Pass
NVNT	b	2437	Ant1	14.77	0.01	14.78	30	Pass
NVNT	b	2462	Ant1	14.28	0.01	14.29	30	Pass
NVNT	b	2412	Ant2	14.37	0.01	14.38	30	Pass
NVNT	b	2437	Ant2	14.27	0.01	14.28	30	Pass
NVNT	b	2462	Ant2	14.26	0.01	14.27	30	Pass
NVNT	g	2412	Ant1	13.03	0.08	13.11	30	Pass
NVNT	g	2437	Ant1	12.82	0.08	12.9	30	Pass
NVNT	g	2462	Ant1	12.76	0.08	12.84	30	Pass
NVNT	g	2412	Ant2	12.6	0.08	12.68	30	Pass
NVNT	g	2437	Ant2	13.44	0.08	13.52	30	Pass
NVNT	g	2462	Ant2	14.26	0.08	14.34	30	Pass
NVNT	n20	2412	Ant1	9.18	0.09	9.27	30	Pass
NVNT	n20	2412	Ant2	8.47	0.09	8.56	30	Pass
NVNT	n20	2412	MIMO	11.85	0.09	11.94	30	Pass
NVNT	n20	2437	Ant1	9.17	0.09	9.26	30	Pass
NVNT	n20	2437	Ant2	8.21	0.09	8.3	30	Pass
NVNT	n20	2437	MIMO	11.727	0.09	11.817	30	Pass
NVNT	n20	2462	Ant1	9.15	0.09	9.24	30	Pass
NVNT	n20	2462	Ant2	7.68	0.09	7.77	30	Pass
NVNT	n20	2462	MIMO	11.487	0.09	11.577	30	Pass
NVNT	n40	2422	Ant1	7.9	0.12	8.02	30	Pass
NVNT	n40	2422	Ant2	7	0.12	7.12	30	Pass
NVNT	n40	2422	MIMO	10.484	0.12	10.604	30	Pass
NVNT	n40	2437	Ant1	7.77	0.12	7.89	30	Pass
NVNT	n40	2437	Ant2	6.81	0.12	6.93	30	Pass
NVNT	n40	2437	MIMO	10.327	0.12	10.447	30	Pass
NVNT	n40	2452	Ant1	8.33	0.12	8.45	30	Pass
NVNT	n40	2452	Ant2	6.93	0.12	7.05	30	Pass
NVNT	n40	2452	MIMO	10.696	0.12	10.816	30	Pass

-6dB Bandwidth

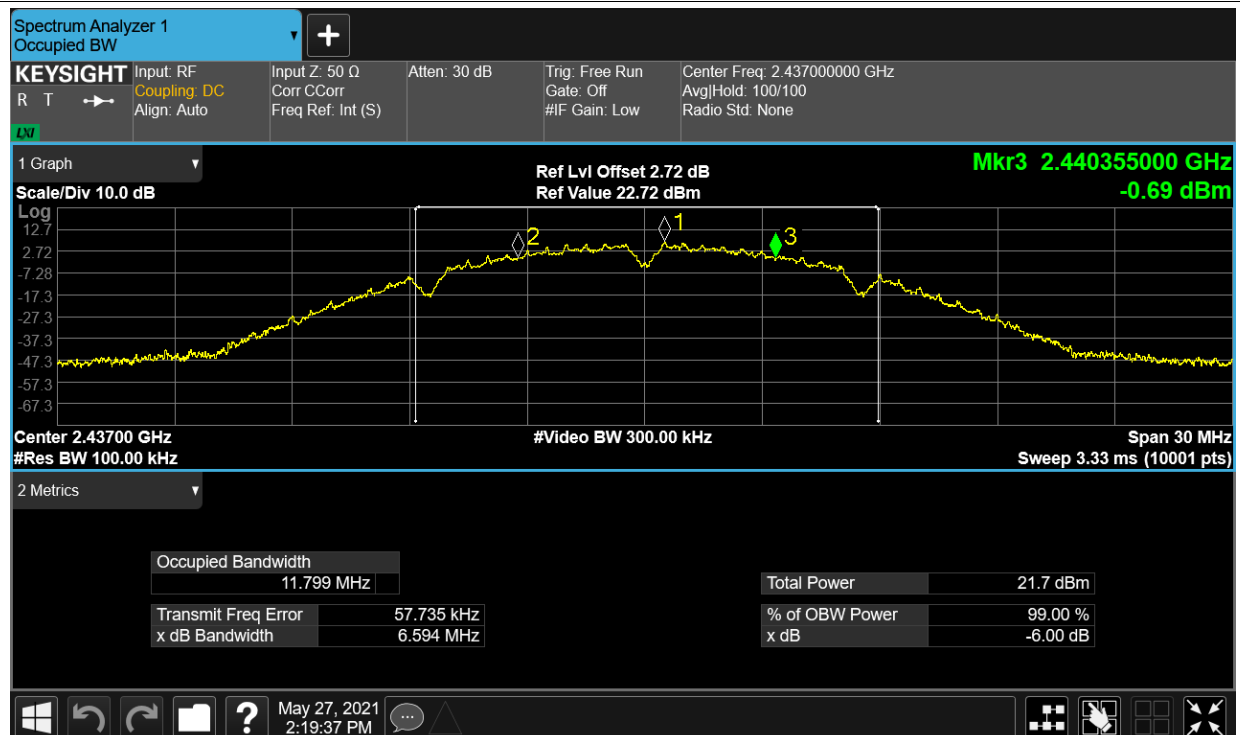
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.06	0.5	Pass
NVNT	b	2437	Ant1	6.594	0.5	Pass
NVNT	b	2462	Ant1	7.072	0.5	Pass
NVNT	b	2412	Ant2	7.037	0.5	Pass
NVNT	b	2437	Ant2	7.035	0.5	Pass
NVNT	b	2462	Ant2	7.073	0.5	Pass
NVNT	g	2412	Ant1	13.832	0.5	Pass
NVNT	g	2437	Ant1	15.072	0.5	Pass
NVNT	g	2462	Ant1	13.838	0.5	Pass
NVNT	g	2412	Ant2	15.041	0.5	Pass
NVNT	g	2437	Ant2	14.983	0.5	Pass
NVNT	g	2462	Ant2	15.085	0.5	Pass
NVNT	n20	2412	Ant1	13.01	0.5	Pass
NVNT	n20	2412	Ant2	13.755	0.5	Pass
NVNT	n20	2437	Ant1	15.05	0.5	Pass
NVNT	n20	2437	Ant2	15.285	0.5	Pass
NVNT	n20	2462	Ant1	15.03	0.5	Pass
NVNT	n20	2462	Ant2	12.617	0.5	Pass
NVNT	n40	2422	Ant1	26.319	0.5	Pass
NVNT	n40	2422	Ant2	30.034	0.5	Pass
NVNT	n40	2437	Ant1	26.232	0.5	Pass
NVNT	n40	2437	Ant2	31.29	0.5	Pass
NVNT	n40	2452	Ant1	30.042	0.5	Pass
NVNT	n40	2452	Ant2	34.989	0.5	Pass

Test Graphs

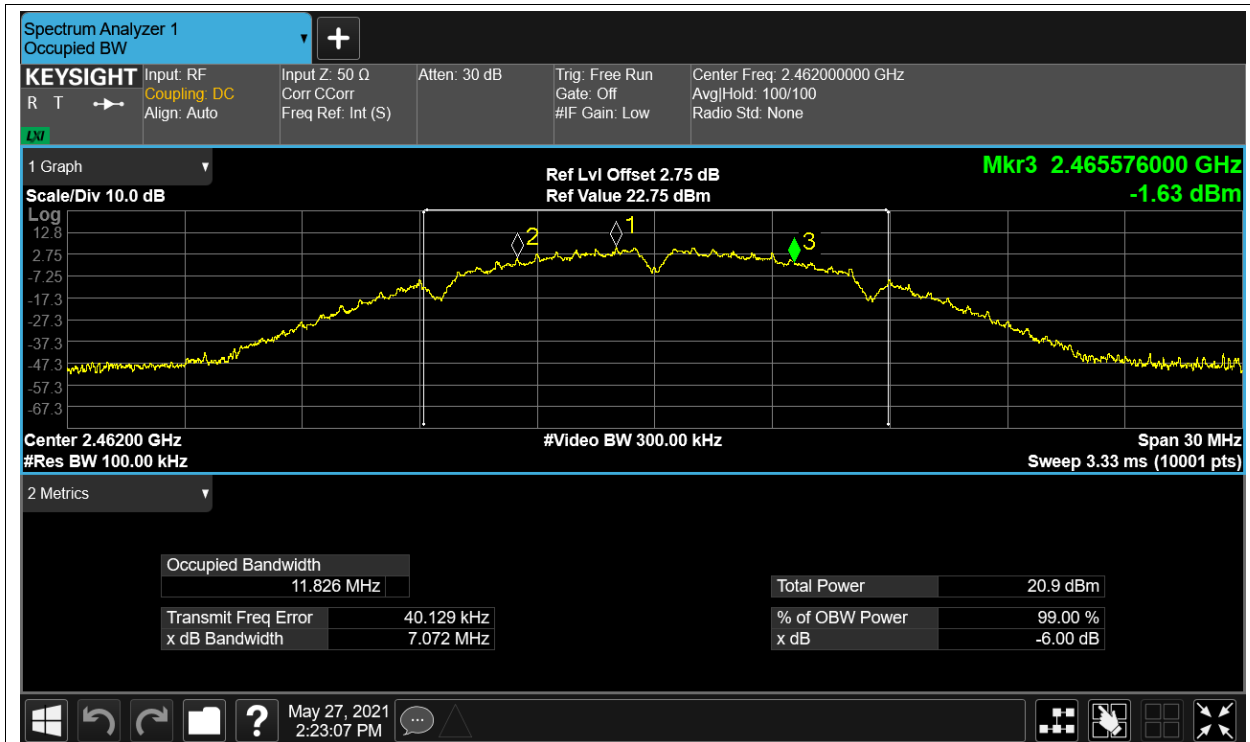
-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



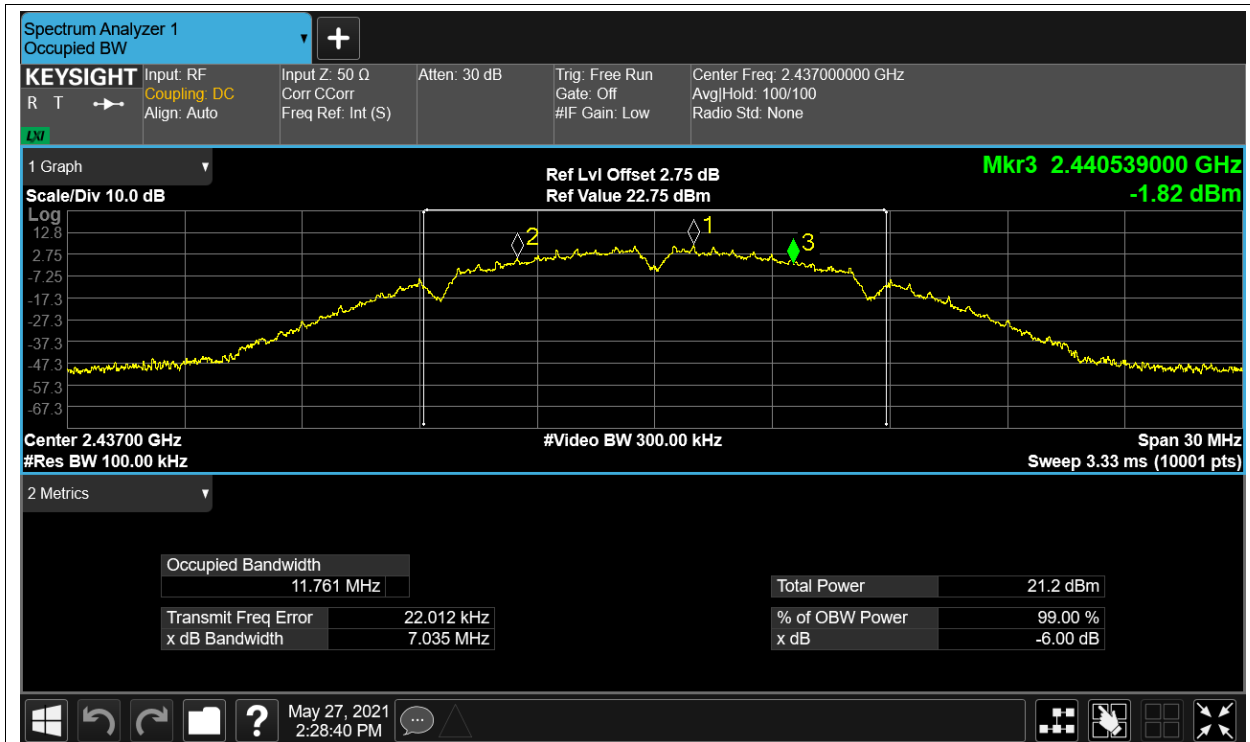
-6dB Bandwidth NVNT b 2462MHz Ant1



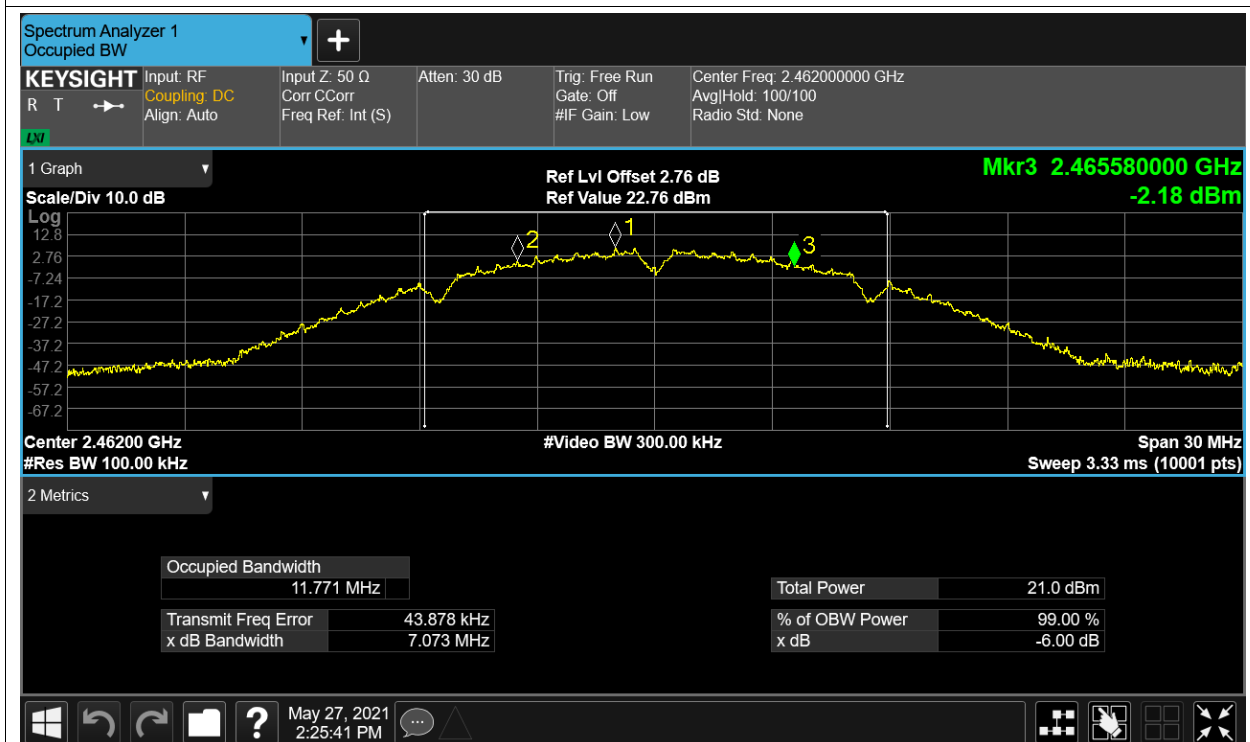
-6dB Bandwidth NVNT b 2412MHz Ant2



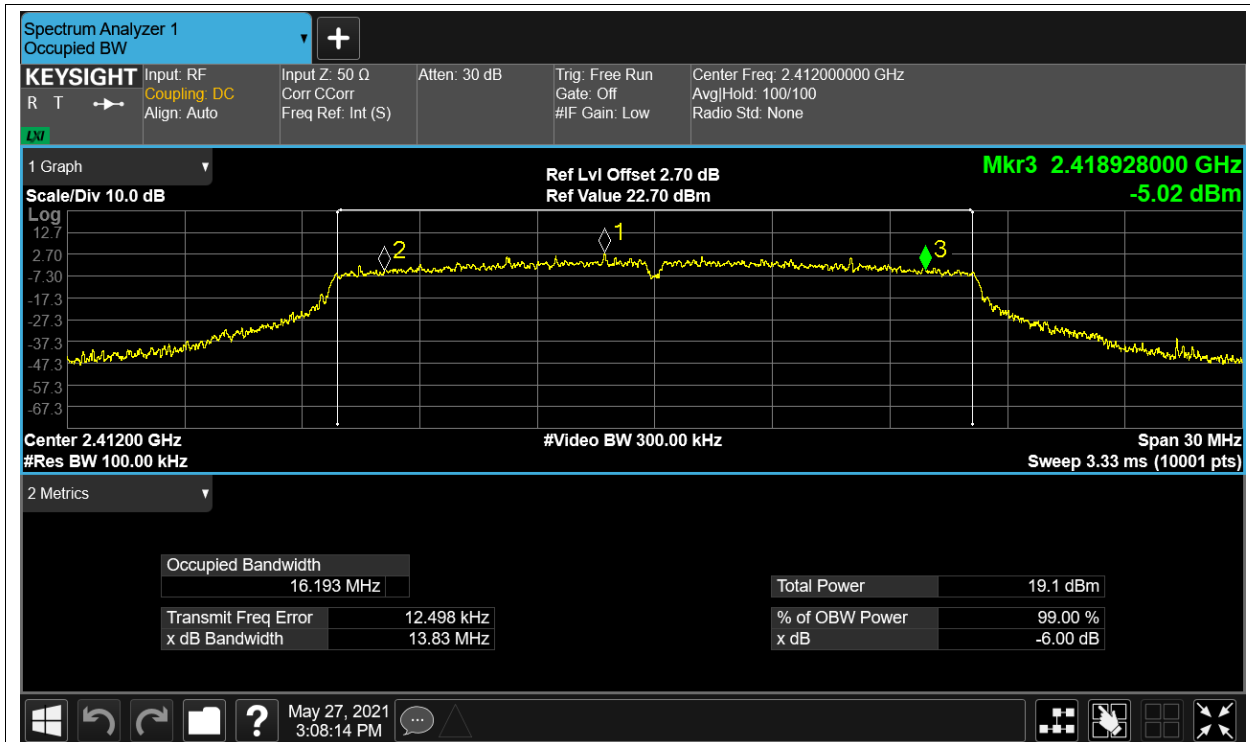
-6dB Bandwidth NVNT b 2437MHz Ant2



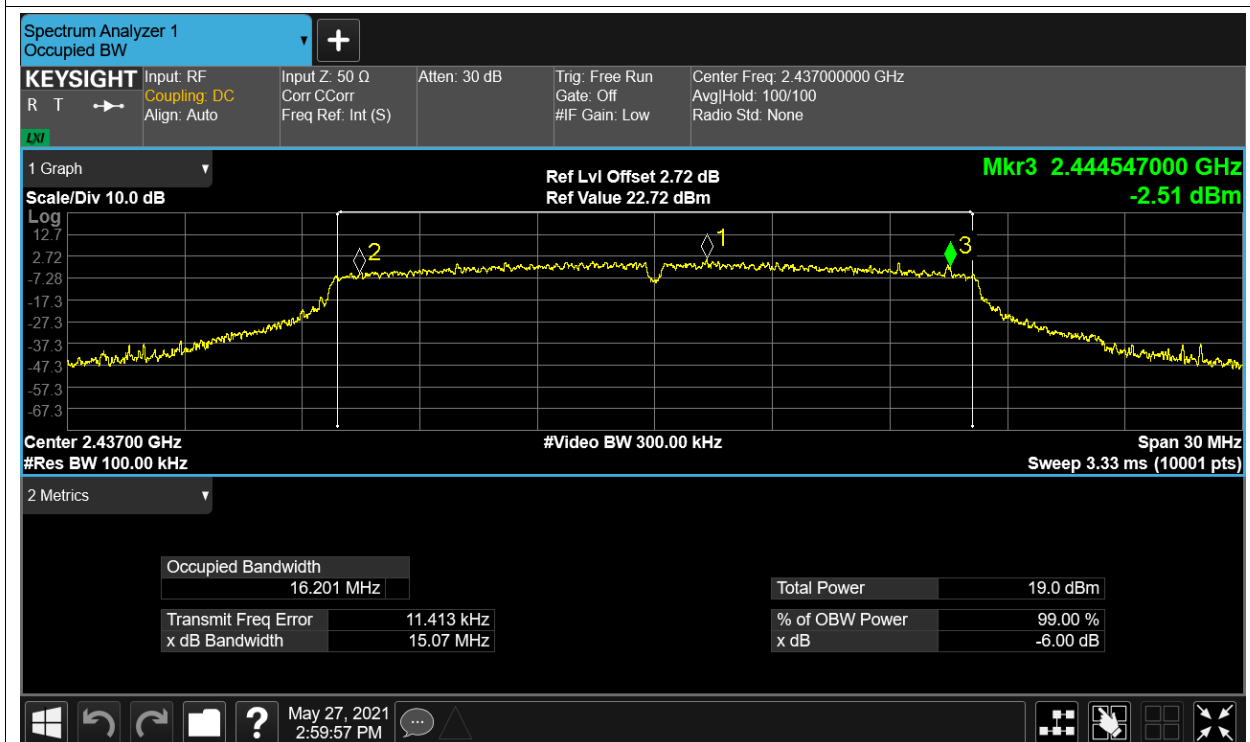
-6dB Bandwidth NVNT b 2462MHz Ant2



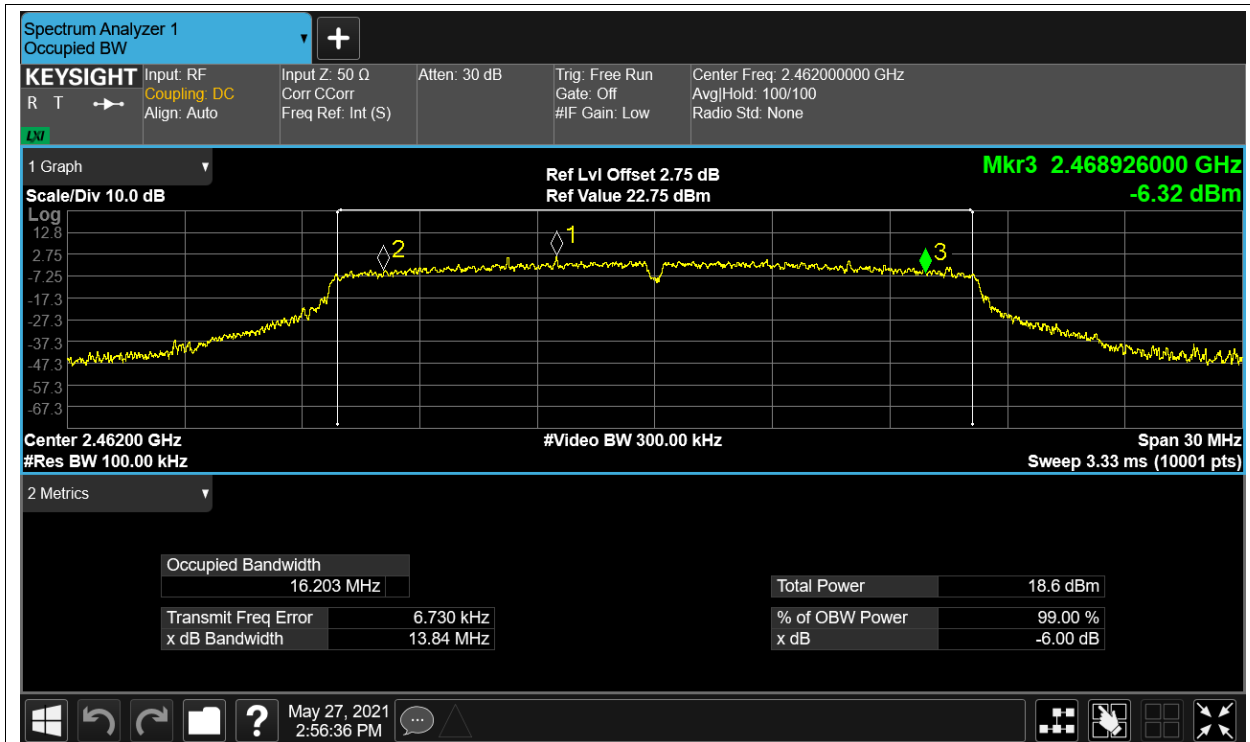
-6dB Bandwidth NVNT g 2412MHz Ant1



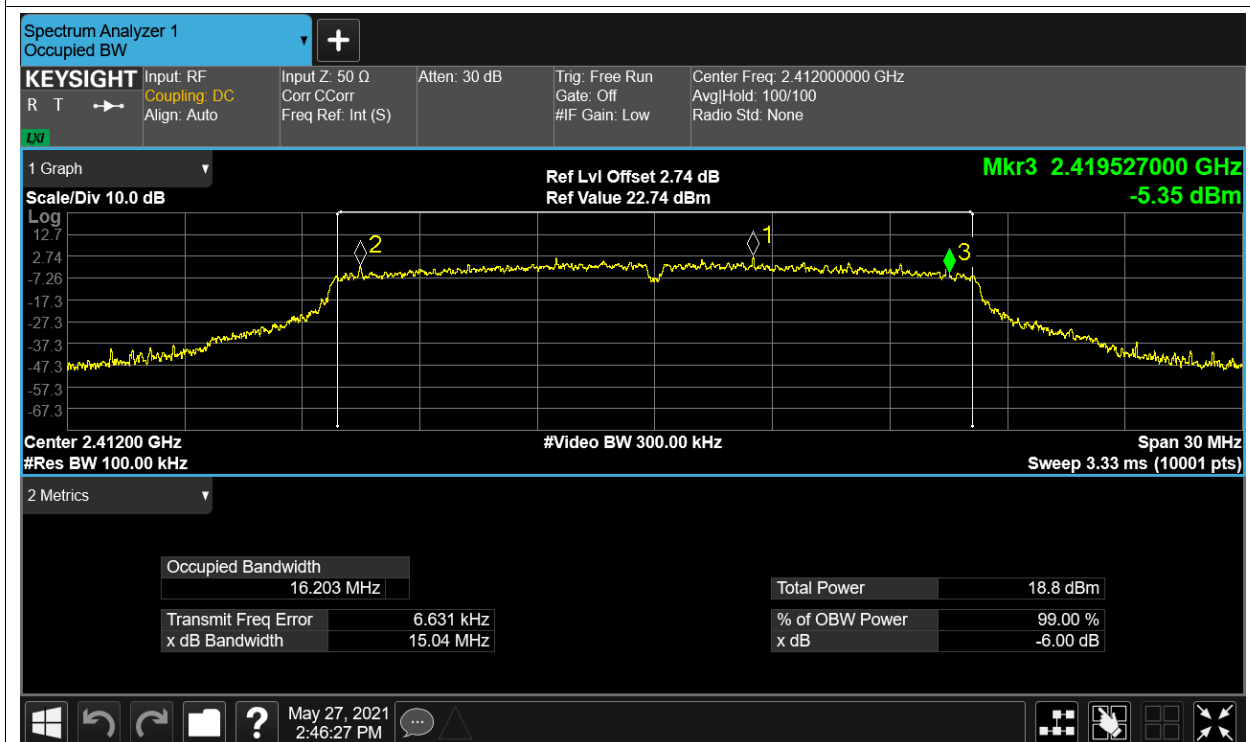
-6dB Bandwidth NVNT g 2437MHz Ant1



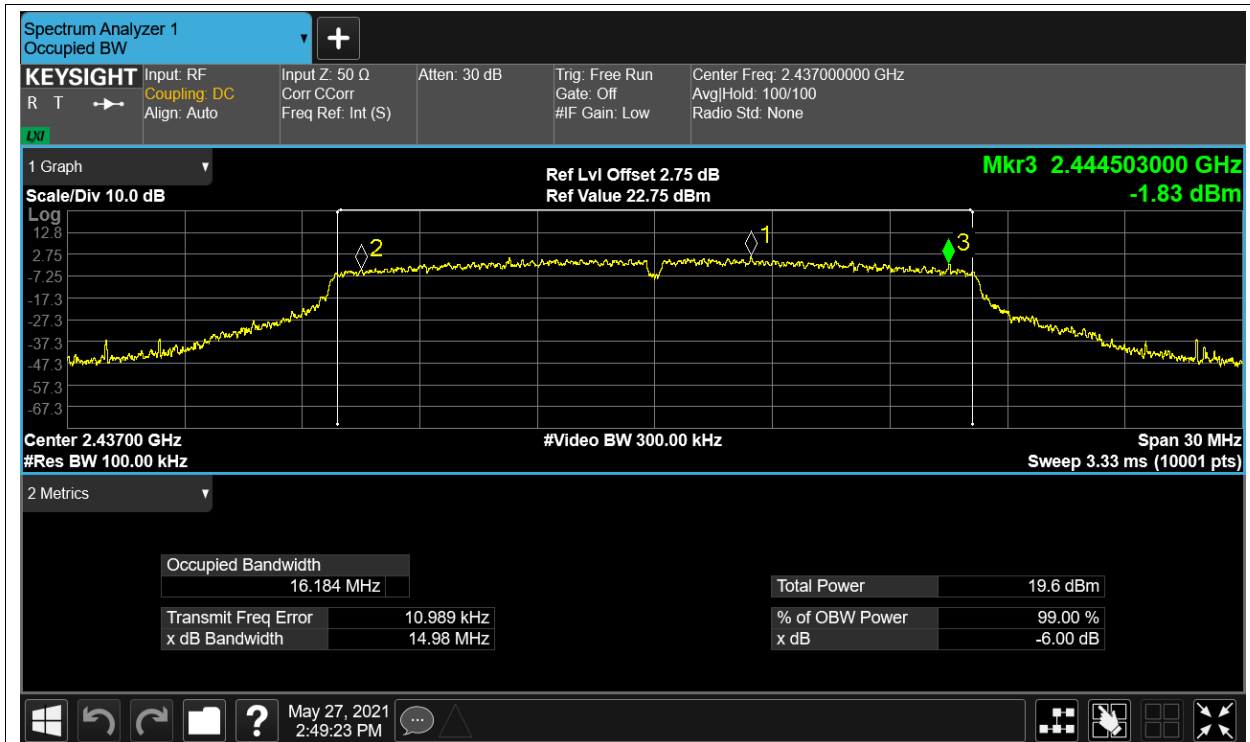
-6dB Bandwidth NVNT g 2462MHz Ant1



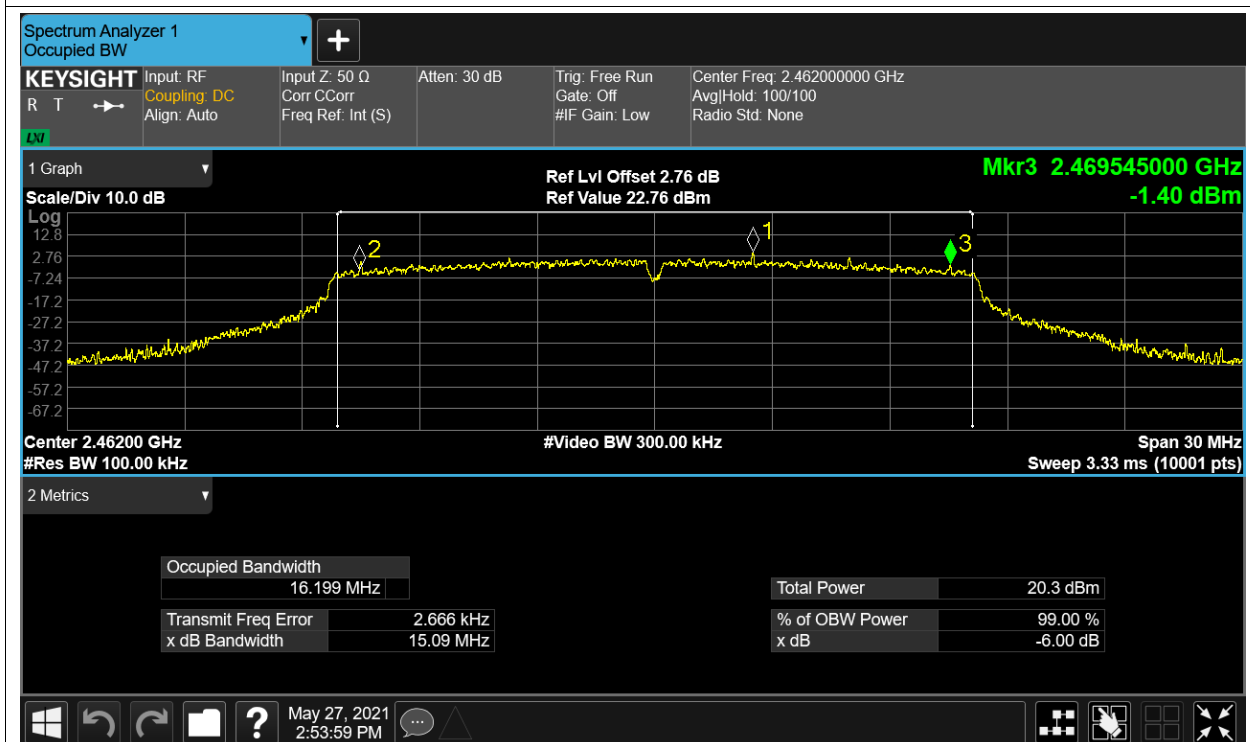
-6dB Bandwidth NVNT g 2412MHz Ant2



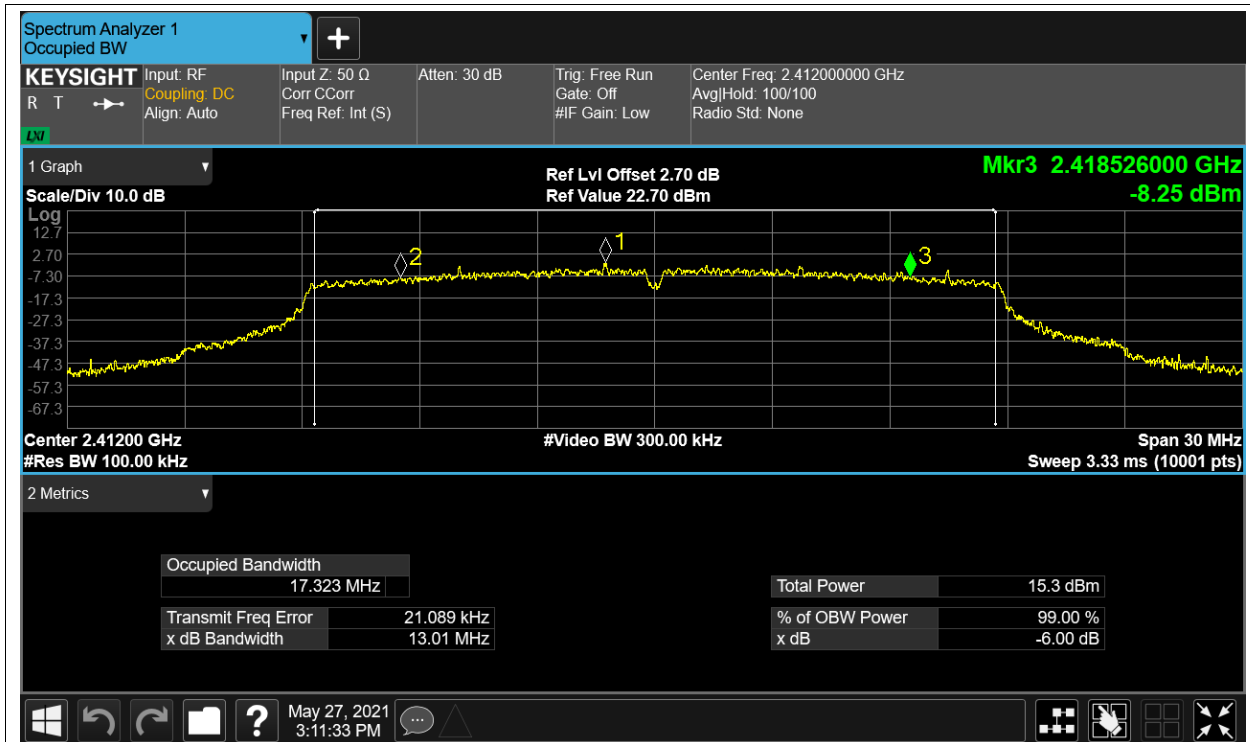
-6dB Bandwidth NVNT g 2437MHz Ant2



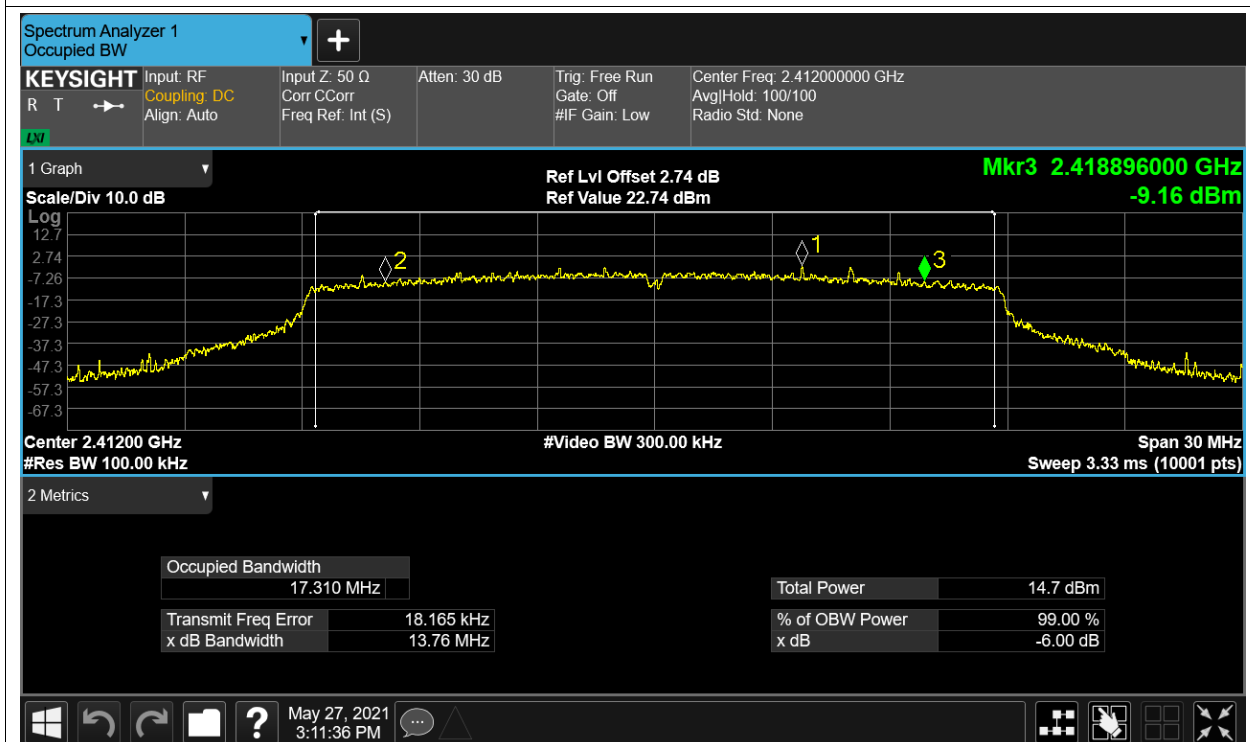
-6dB Bandwidth NVNT g 2462MHz Ant2



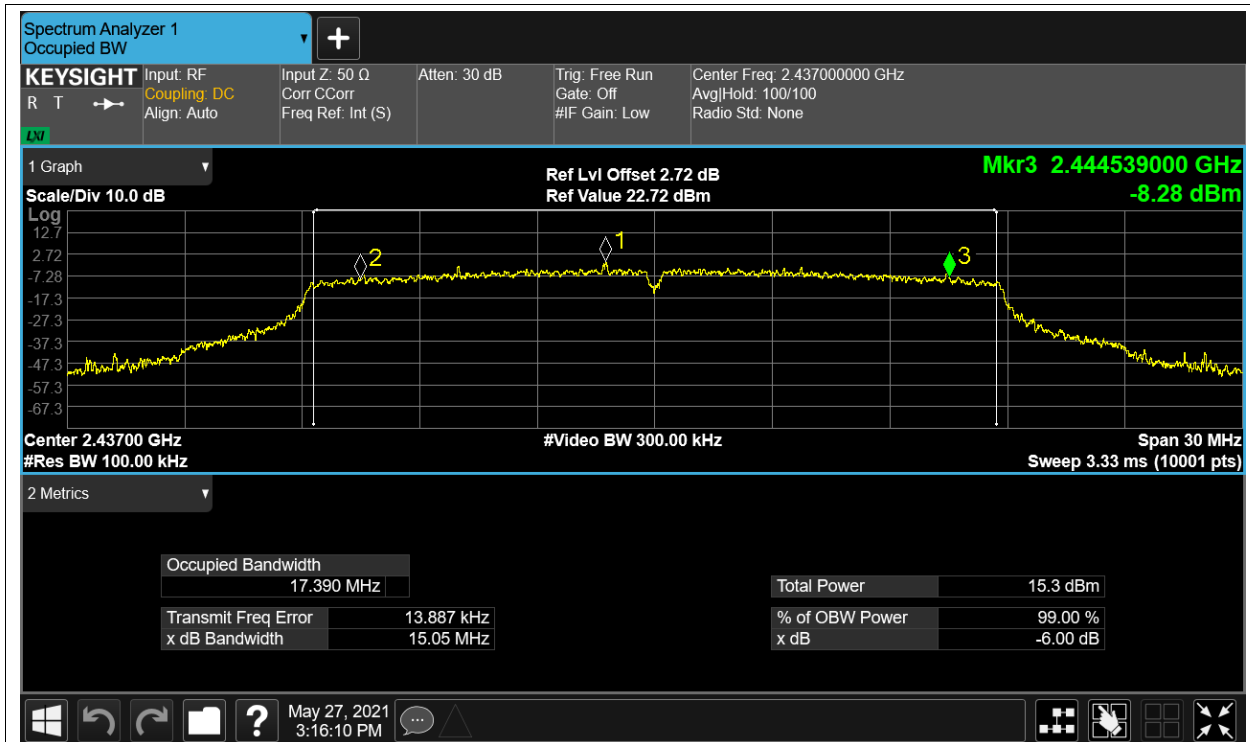
-6dB Bandwidth NVNT n20 2412MHz Ant1



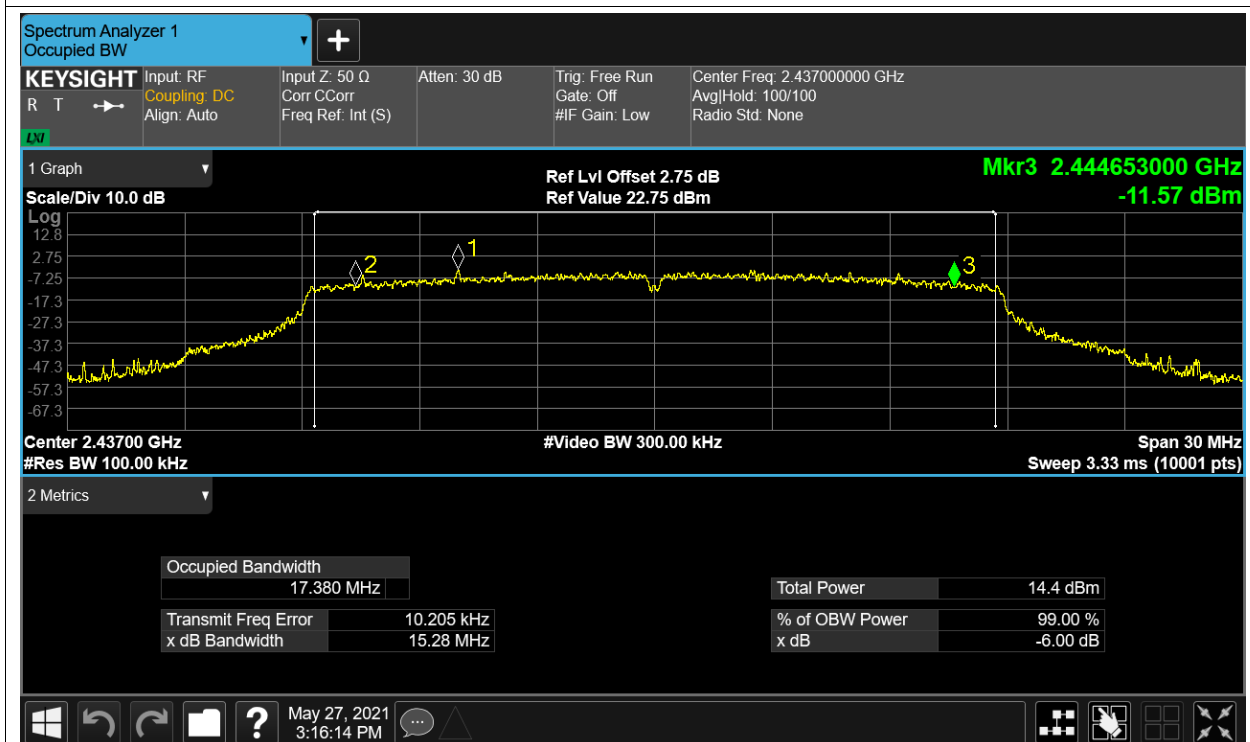
-6dB Bandwidth NVNT n20 2412MHz Ant2



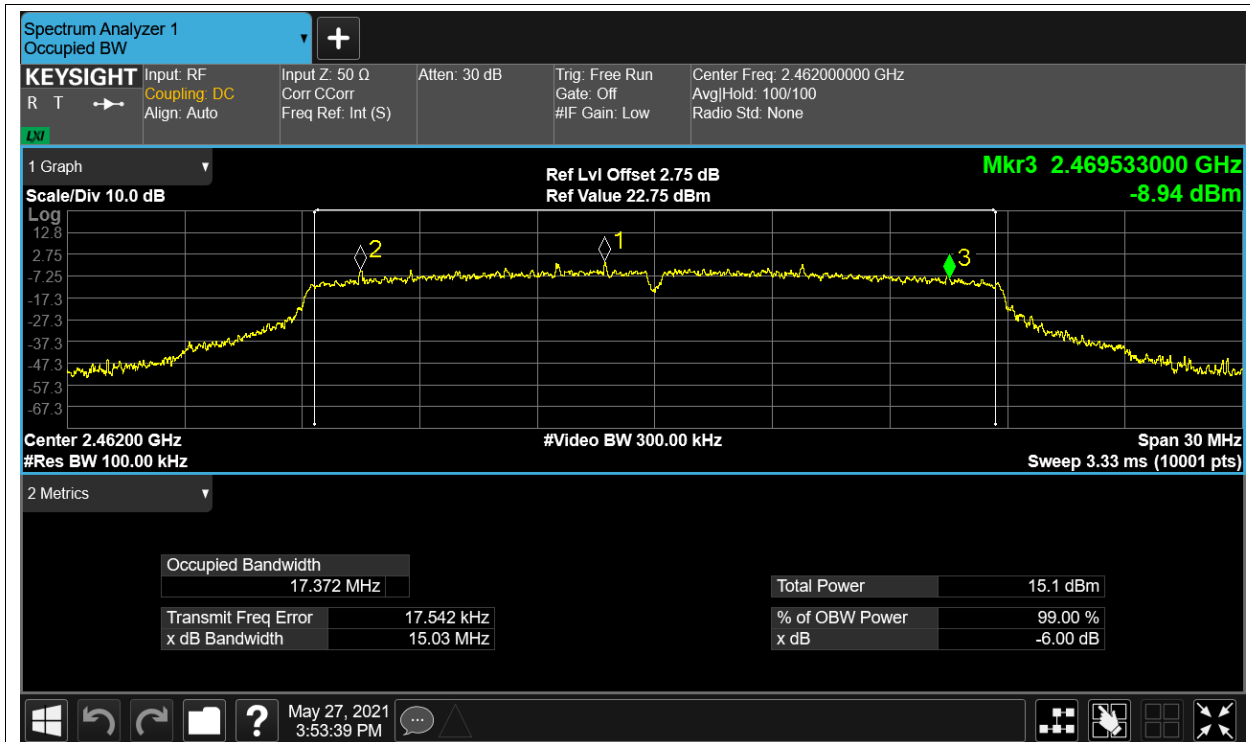
-6dB Bandwidth NVNT n20 2437MHz Ant1



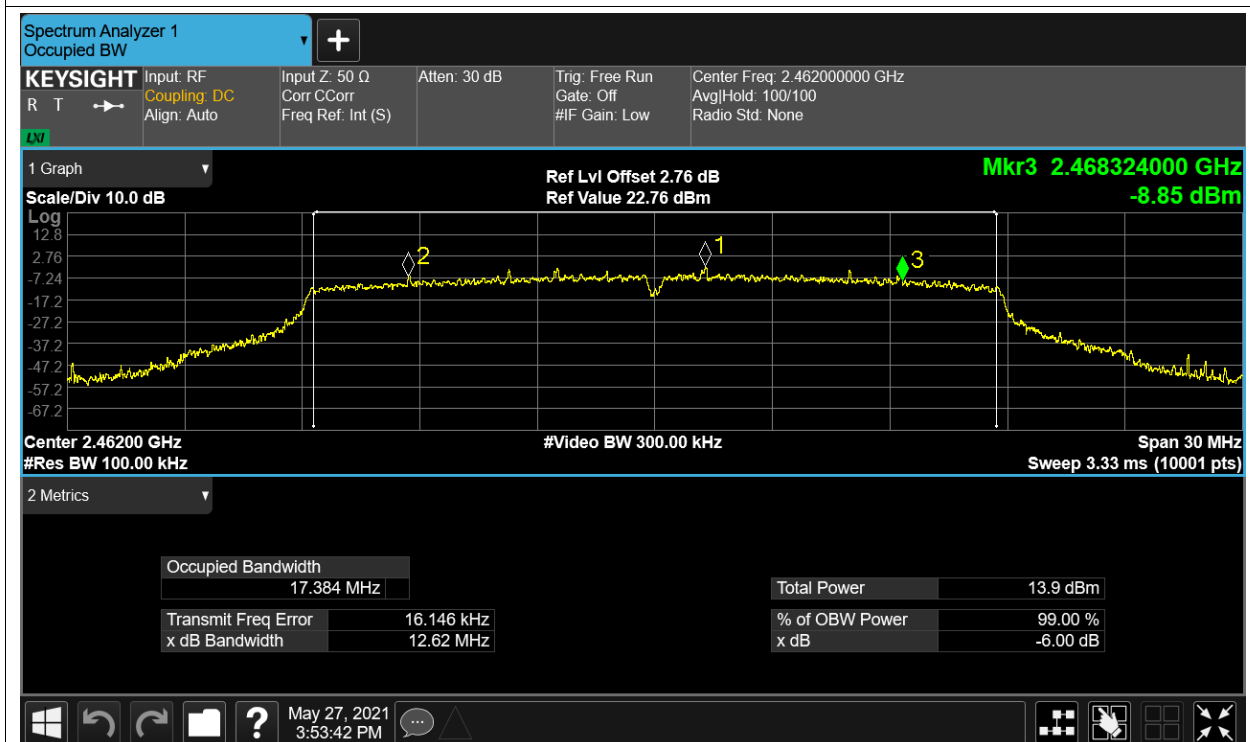
-6dB Bandwidth NVNT n20 2437MHz Ant2



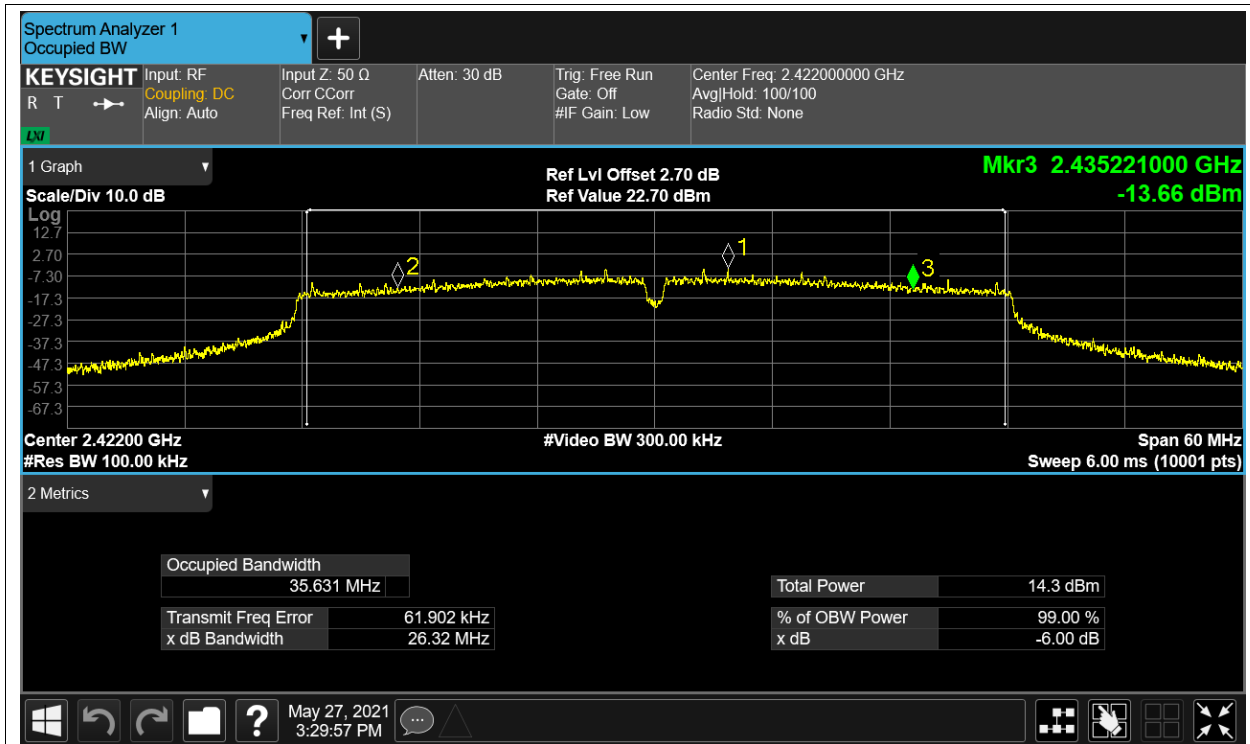
-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant2



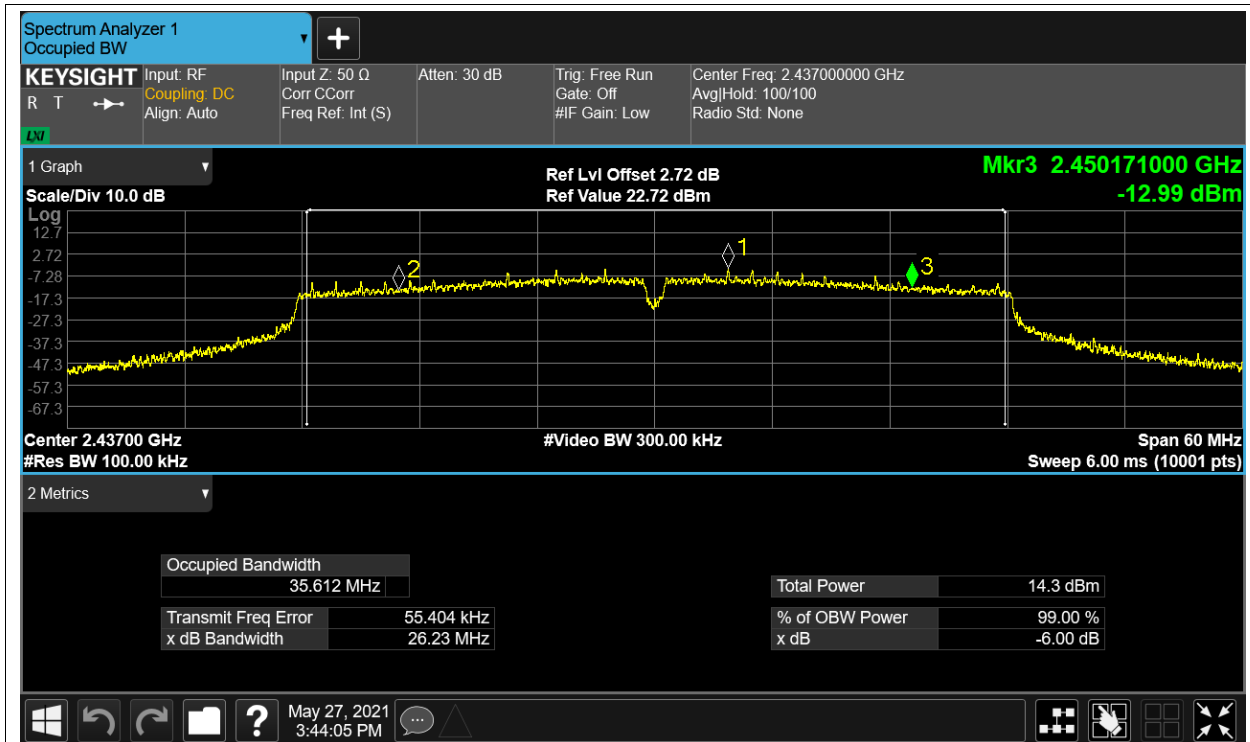
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant2



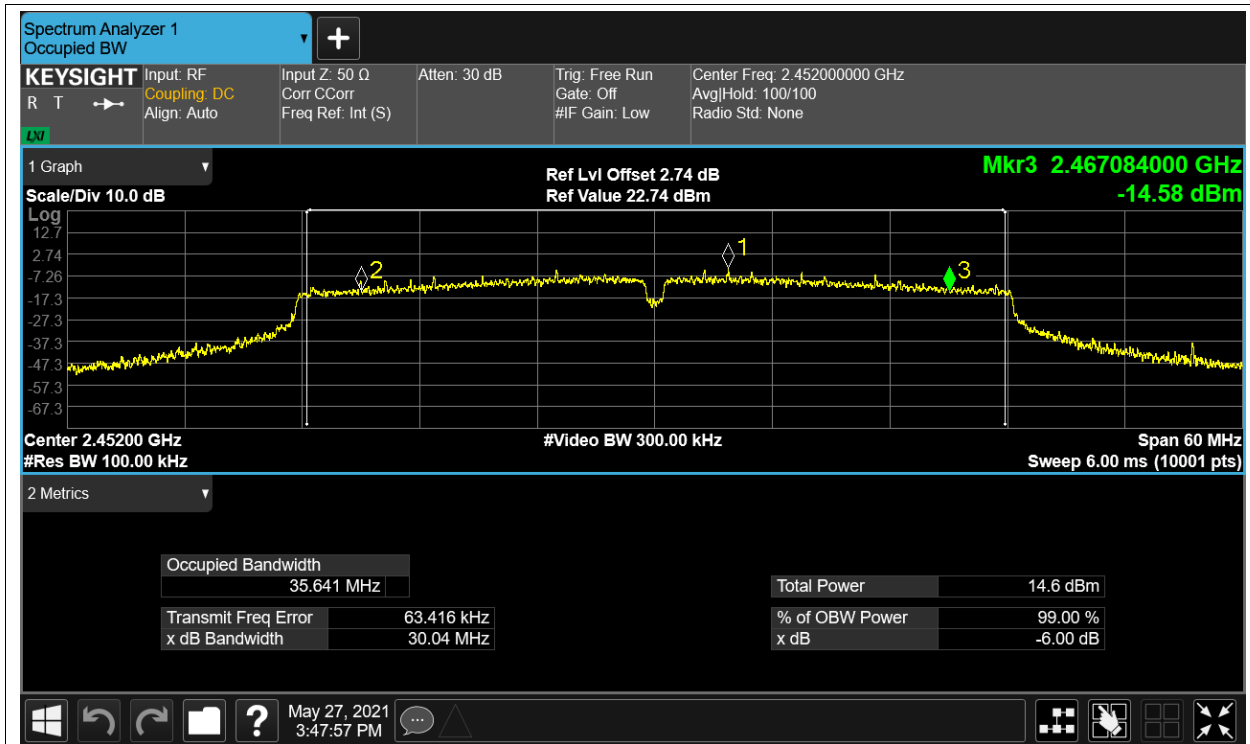
-6dB Bandwidth NVNT n40 2437MHz Ant1



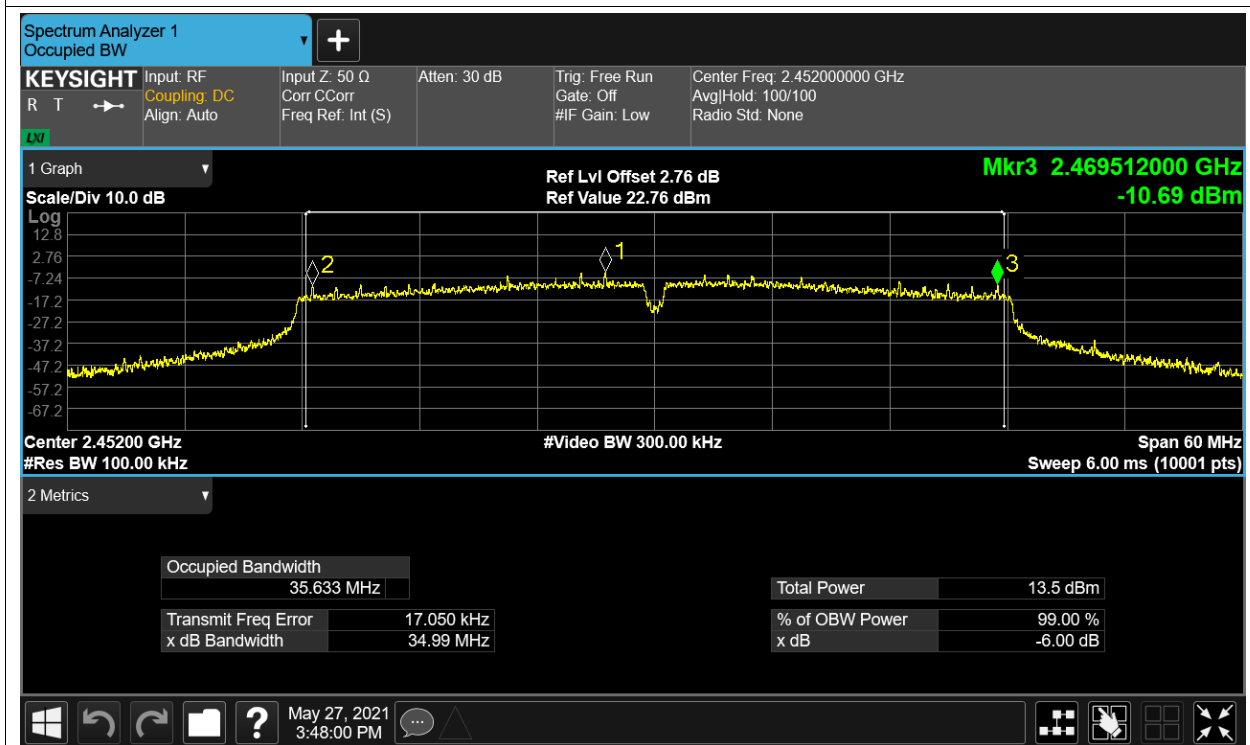
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant2



Occupied Channel Bandwidth

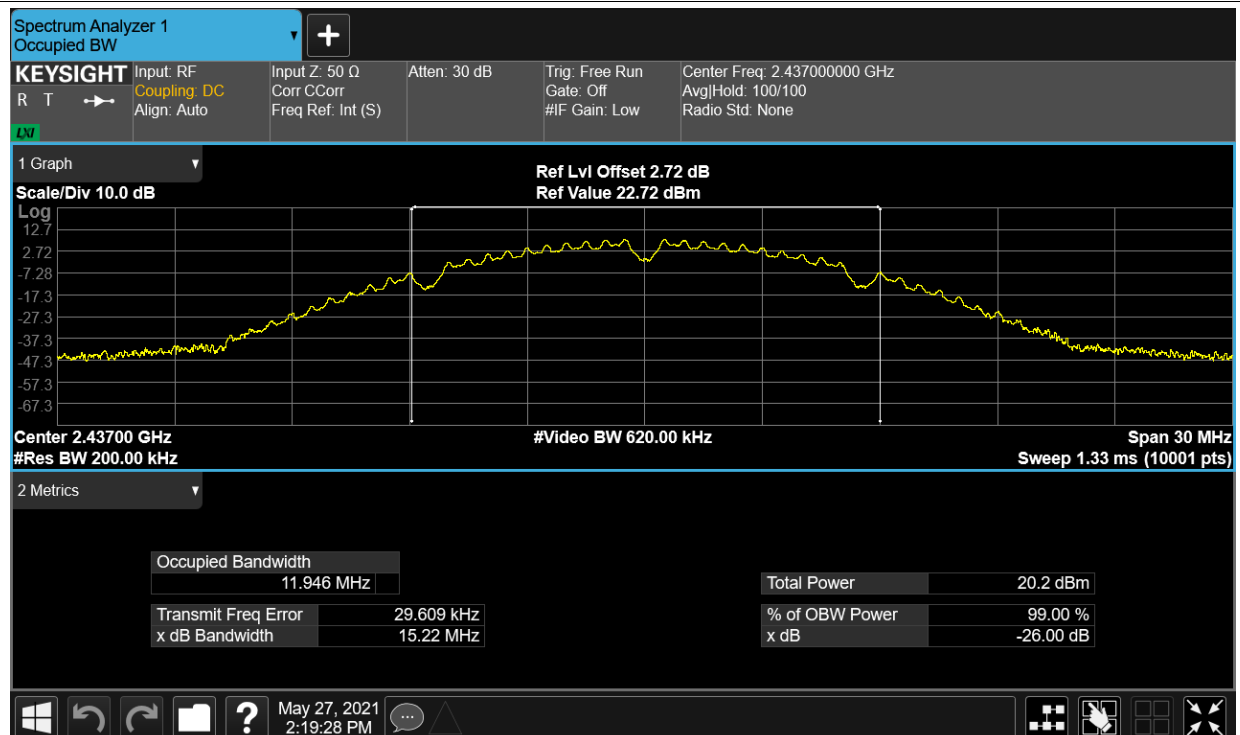
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.94540729
NVNT	b	2437	Ant1	11.9463828
NVNT	b	2462	Ant1	11.9334904
NVNT	b	2412	Ant2	11.88979511
NVNT	b	2437	Ant2	11.88134554
NVNT	b	2462	Ant2	11.88868656
NVNT	g	2412	Ant1	16.15032742
NVNT	g	2437	Ant1	16.16187662
NVNT	g	2462	Ant1	16.15525123
NVNT	g	2412	Ant2	16.16785944
NVNT	g	2437	Ant2	16.17189271
NVNT	g	2462	Ant2	16.17580199
NVNT	n20	2412	Ant1	17.27555091
NVNT	n20	2412	Ant2	17.27157854
NVNT	n20	2437	Ant1	17.32697514
NVNT	n20	2437	Ant2	17.34064279
NVNT	n20	2462	Ant1	17.32707144
NVNT	n20	2462	Ant2	17.3379709
NVNT	n40	2422	Ant1	35.77614382
NVNT	n40	2422	Ant2	35.73366201
NVNT	n40	2437	Ant1	35.76835649
NVNT	n40	2437	Ant2	35.76232661
NVNT	n40	2452	Ant1	35.77992435
NVNT	n40	2452	Ant2	35.82634026

Test Graphs

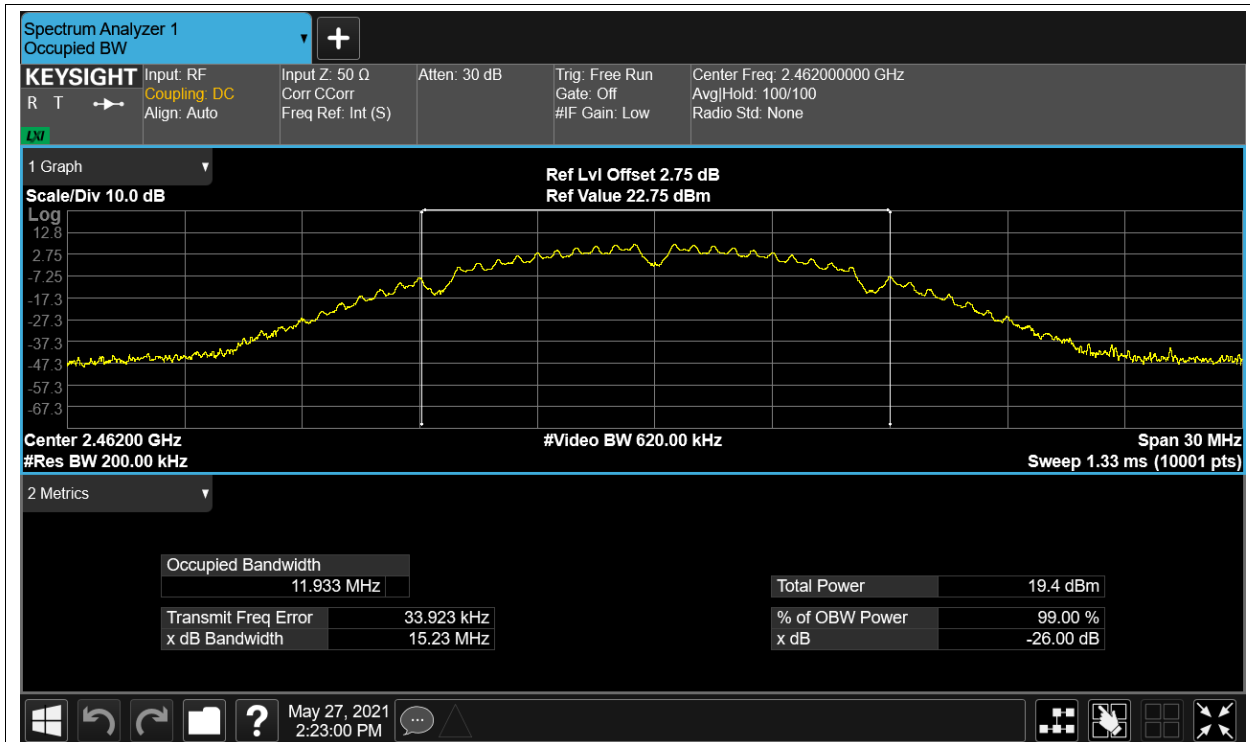
OBW NVNT b 2412MHz Ant1



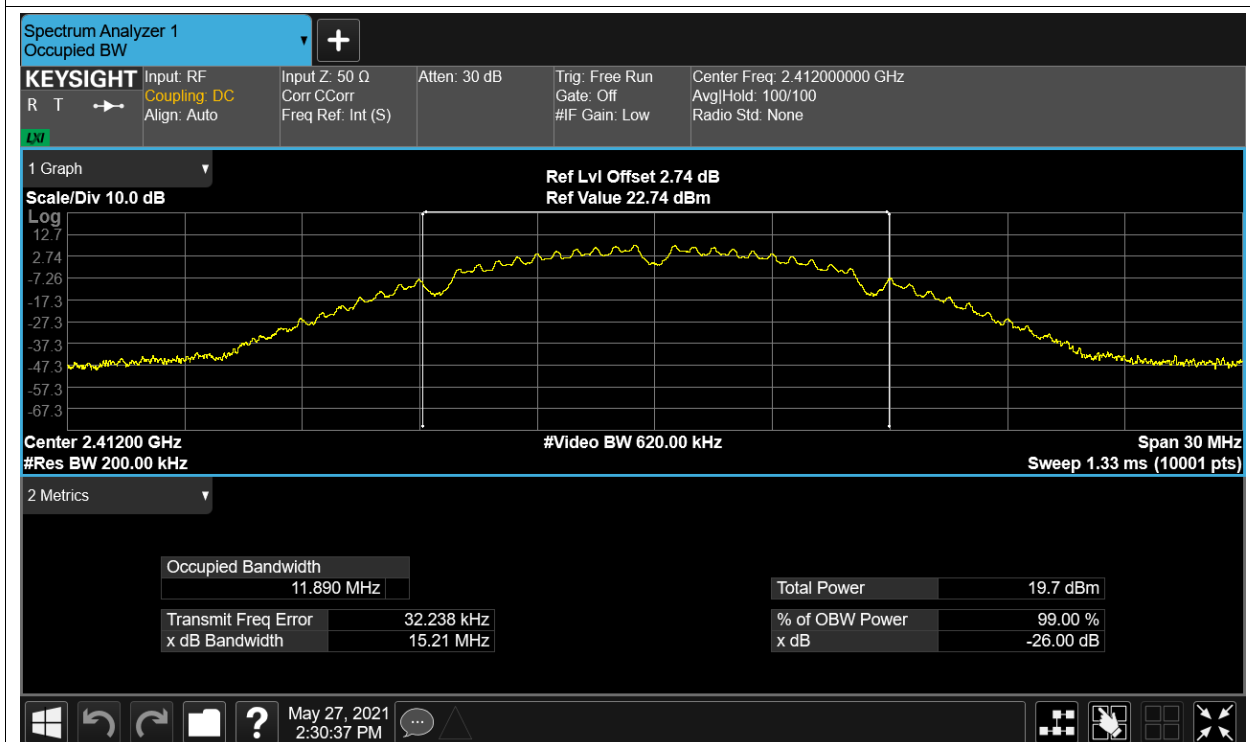
OBW NVNT b 2437MHz Ant1



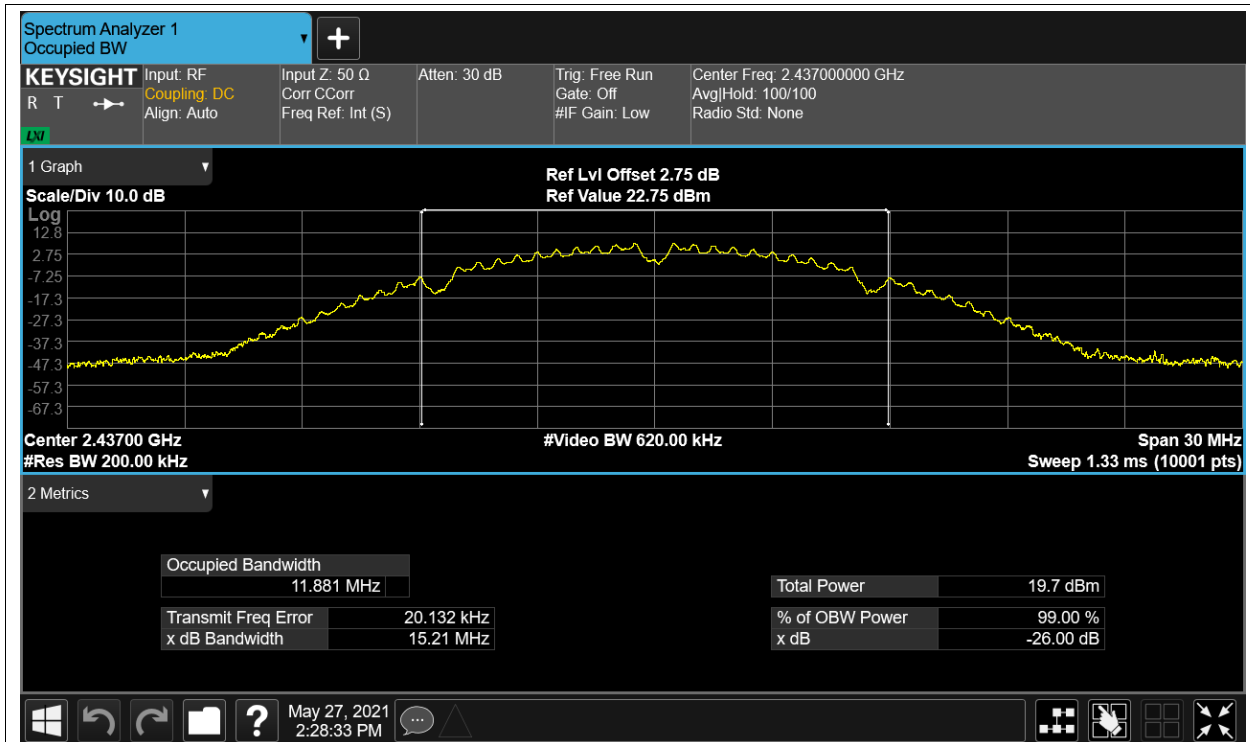
OBW NVNT b 2462MHz Ant1



OBW NVNT b 2412MHz Ant2



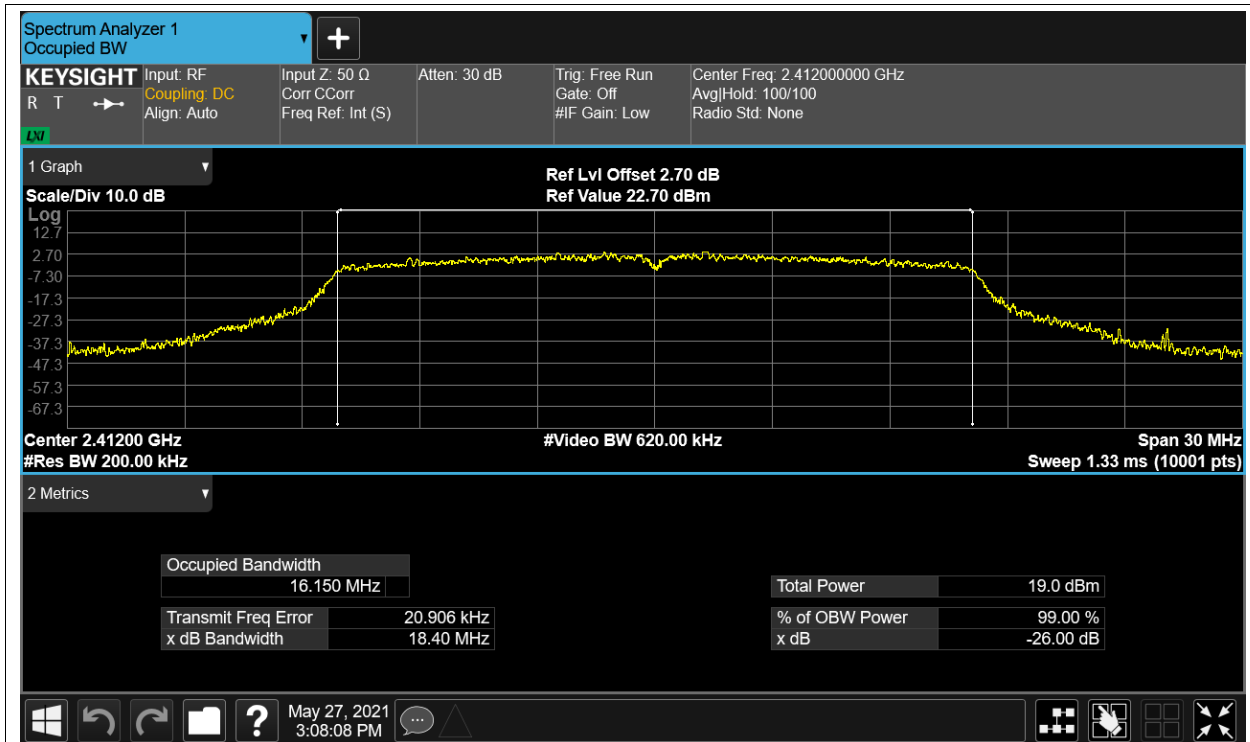
OBW NVNT b 2437MHz Ant2



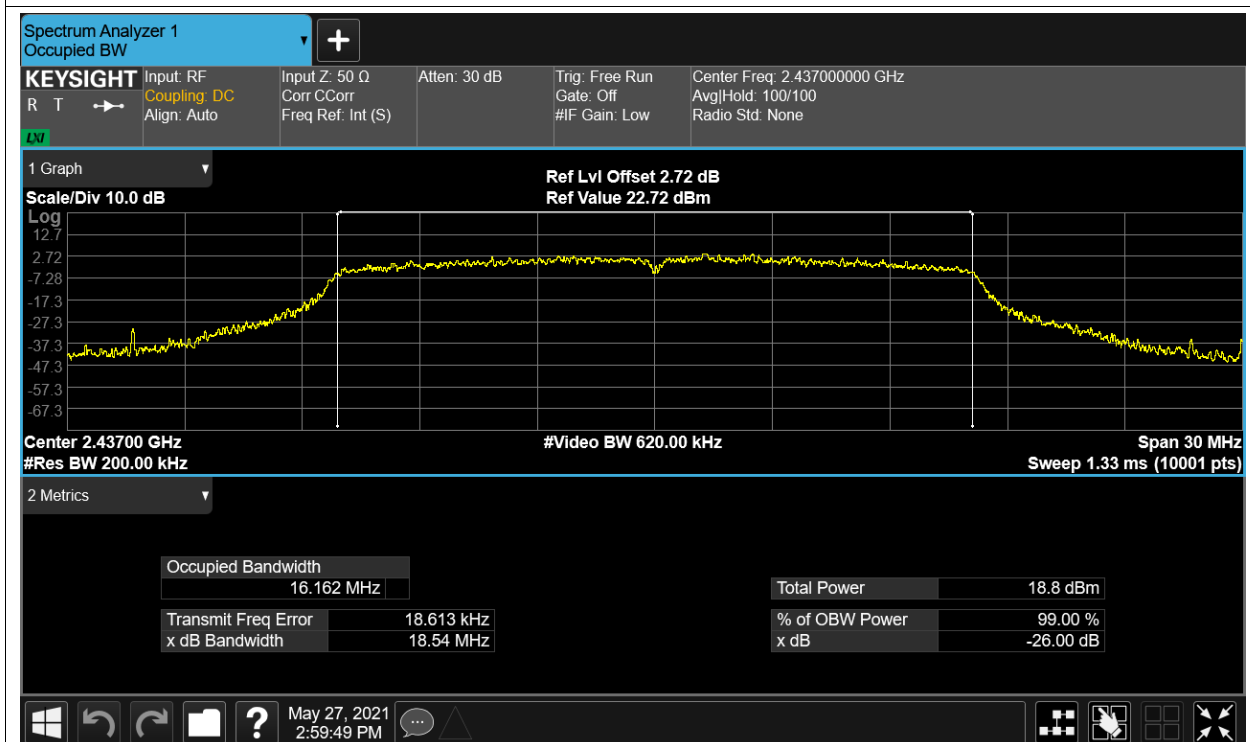
OBW NVNT b 2462MHz Ant2



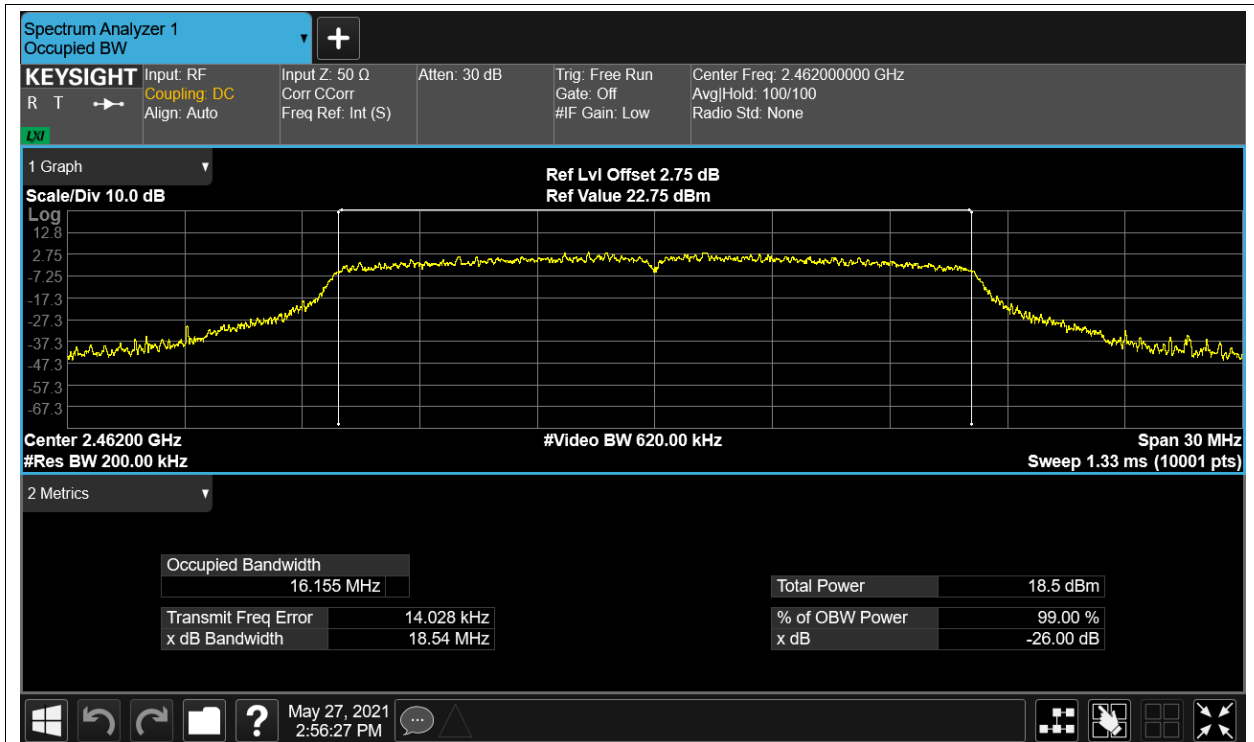
OBW NVNT g 2412MHz Ant1



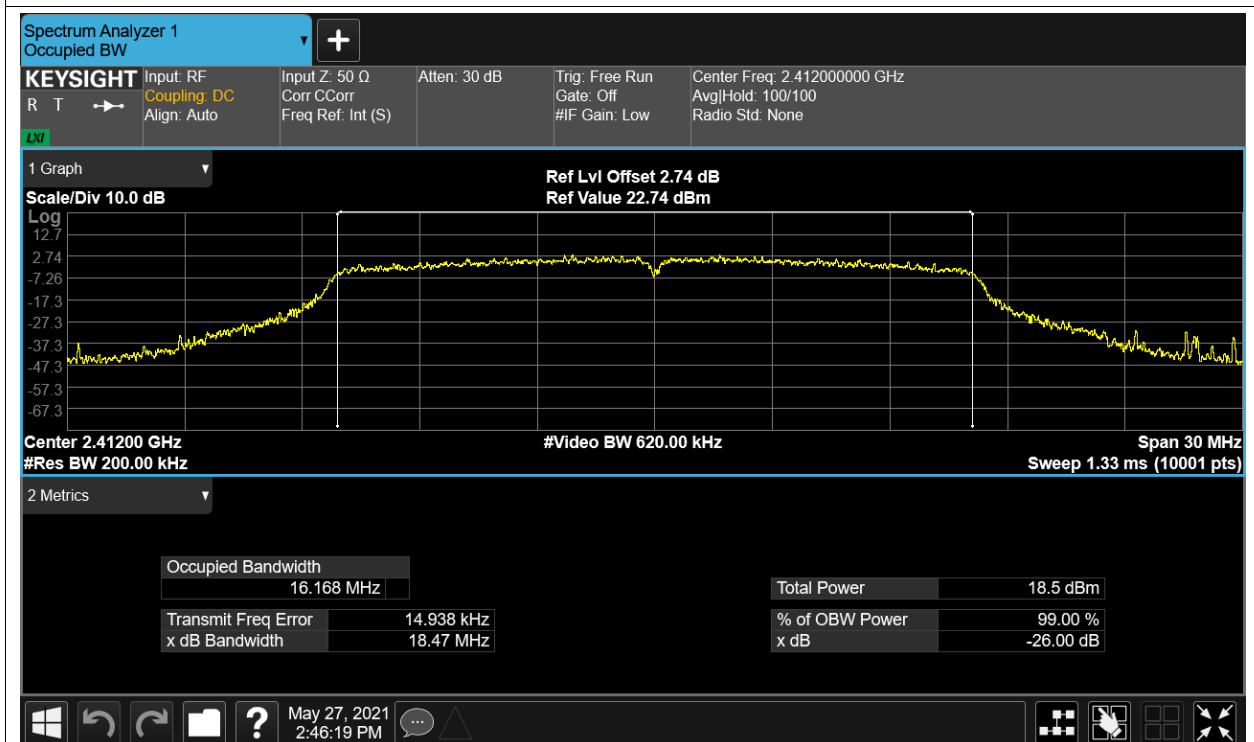
OBW NVNT g 2437MHz Ant1



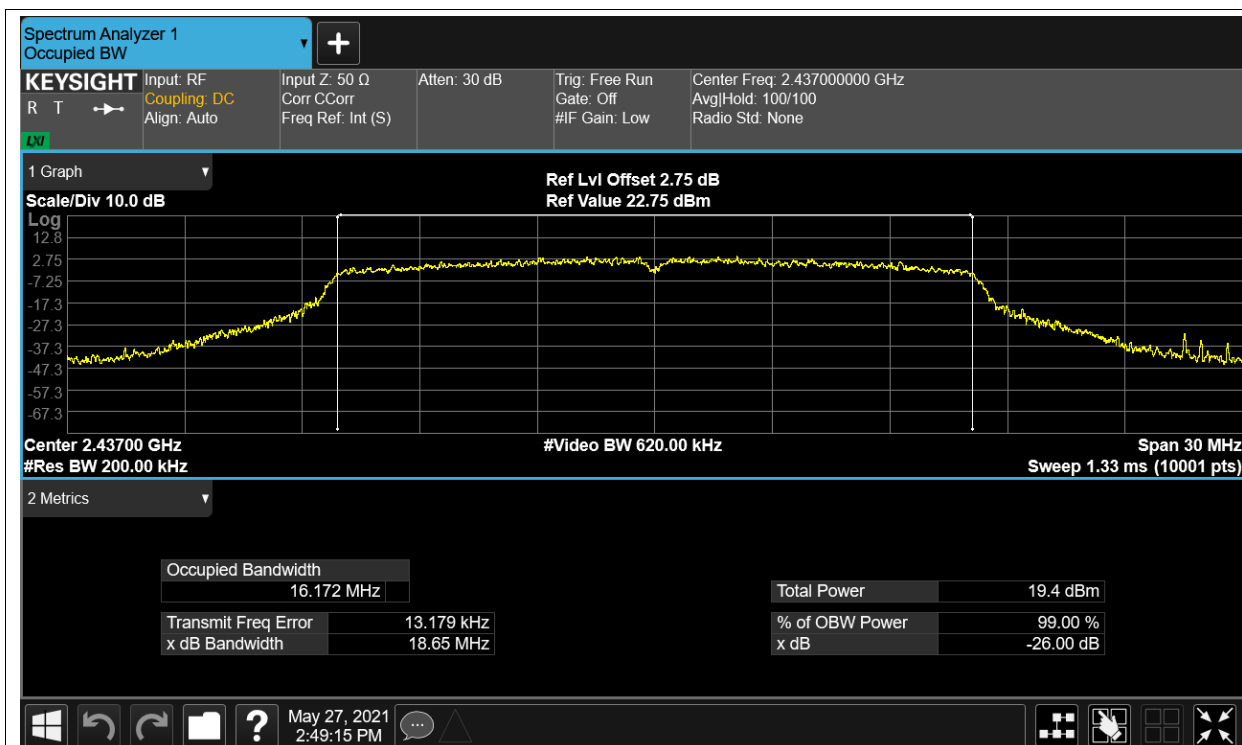
OBW NVNT g 2462MHz Ant1



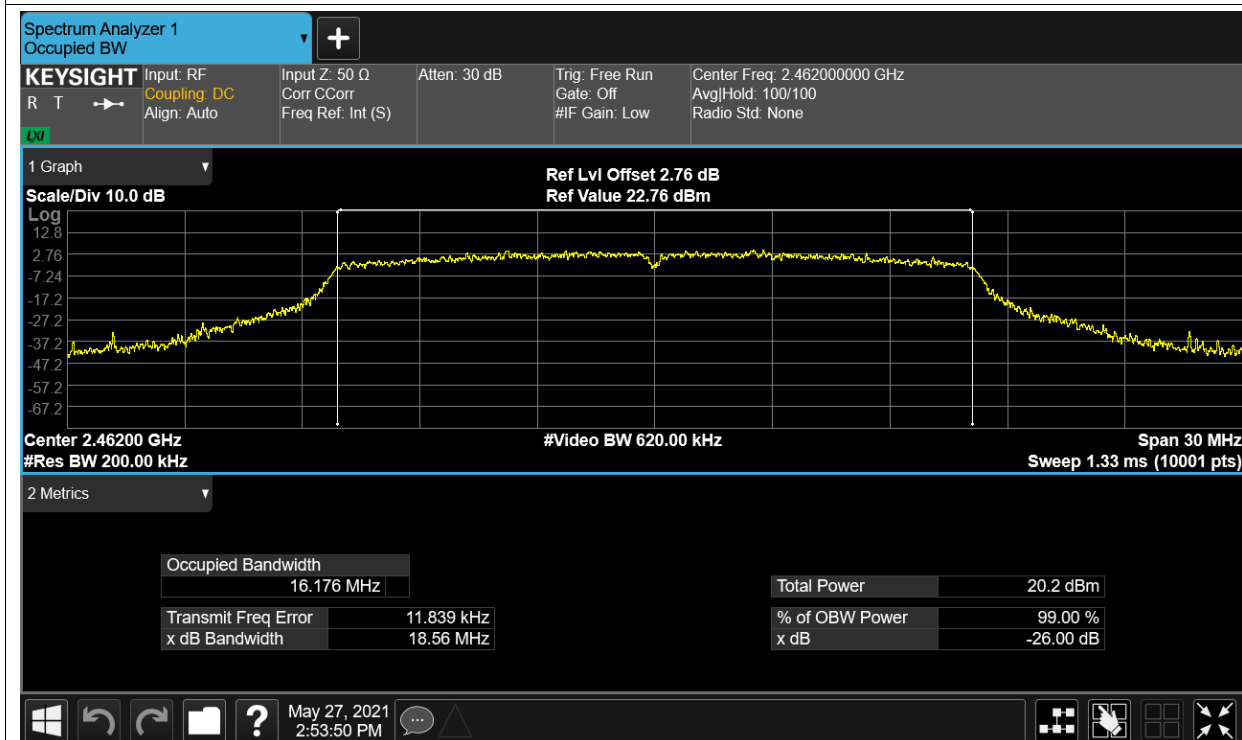
OBW NVNT g 2412MHz Ant2



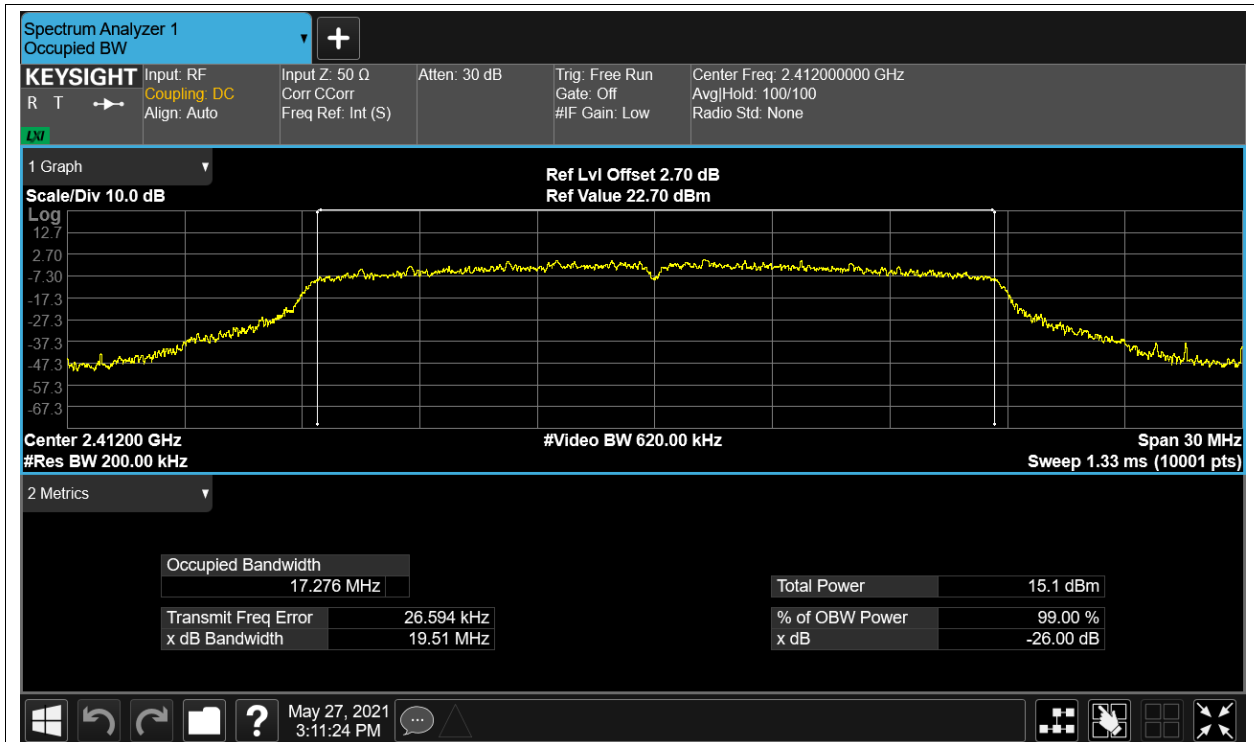
OBW NVNT g 2437MHz Ant2



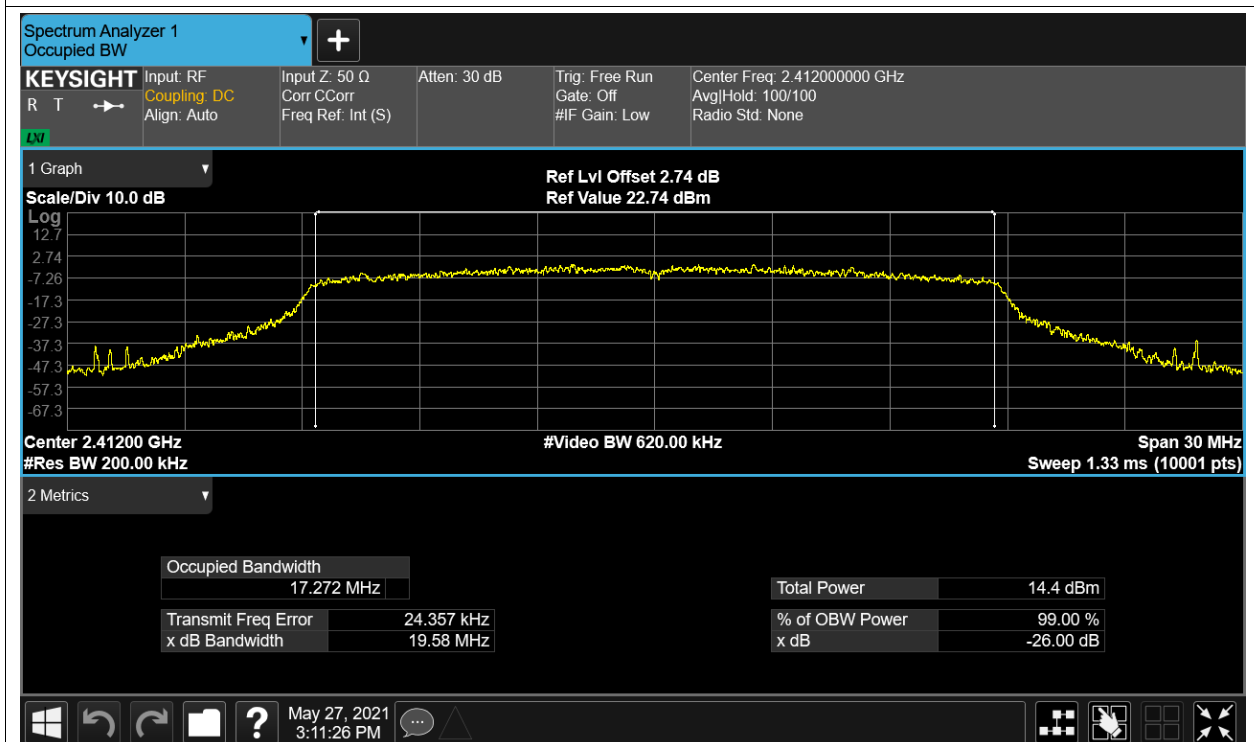
OBW NVNT g 2462MHz Ant2



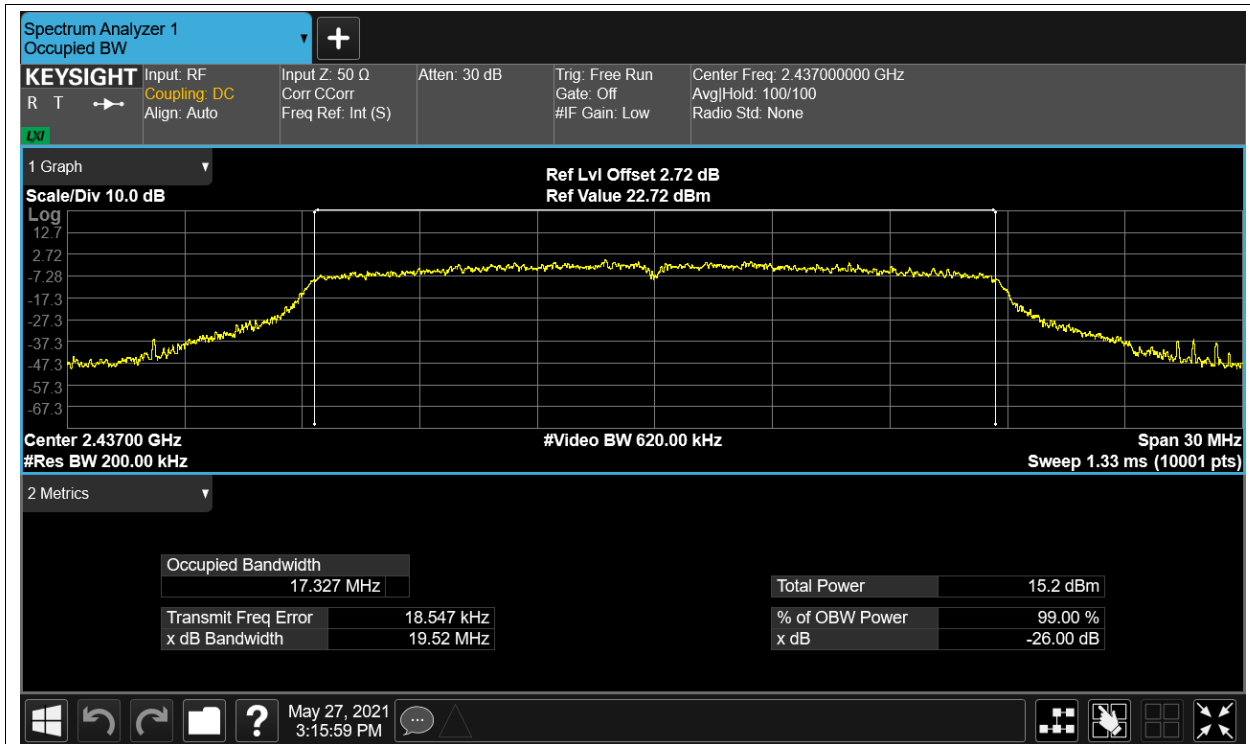
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2412MHz Ant2



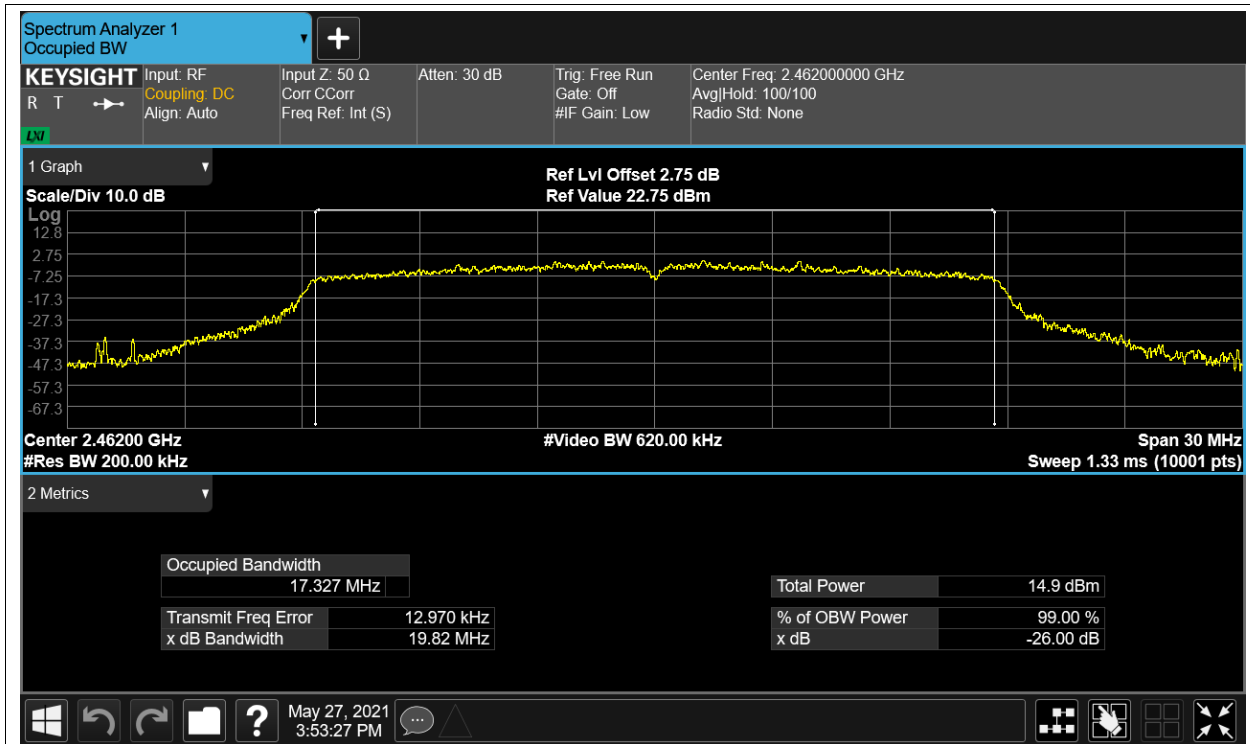
OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2437MHz Ant2



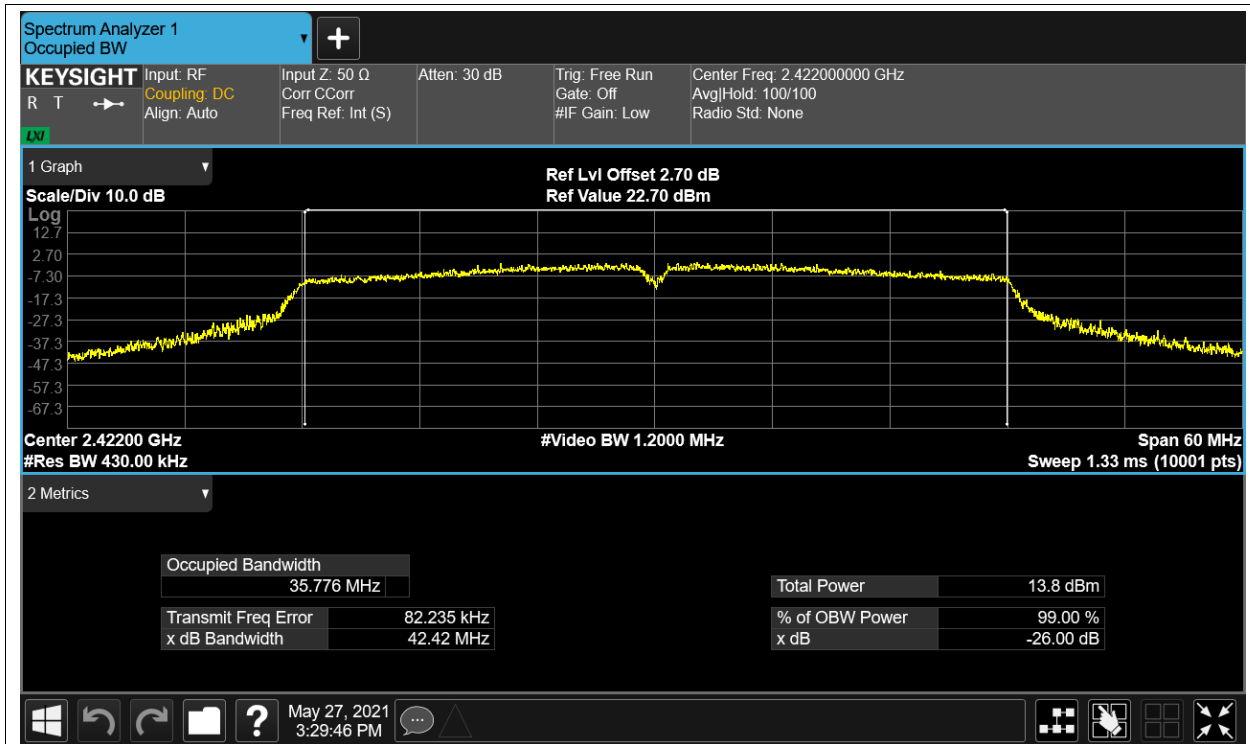
OBW NVNT n20 2462MHz Ant1



OBW NVNT n20 2462MHz Ant2



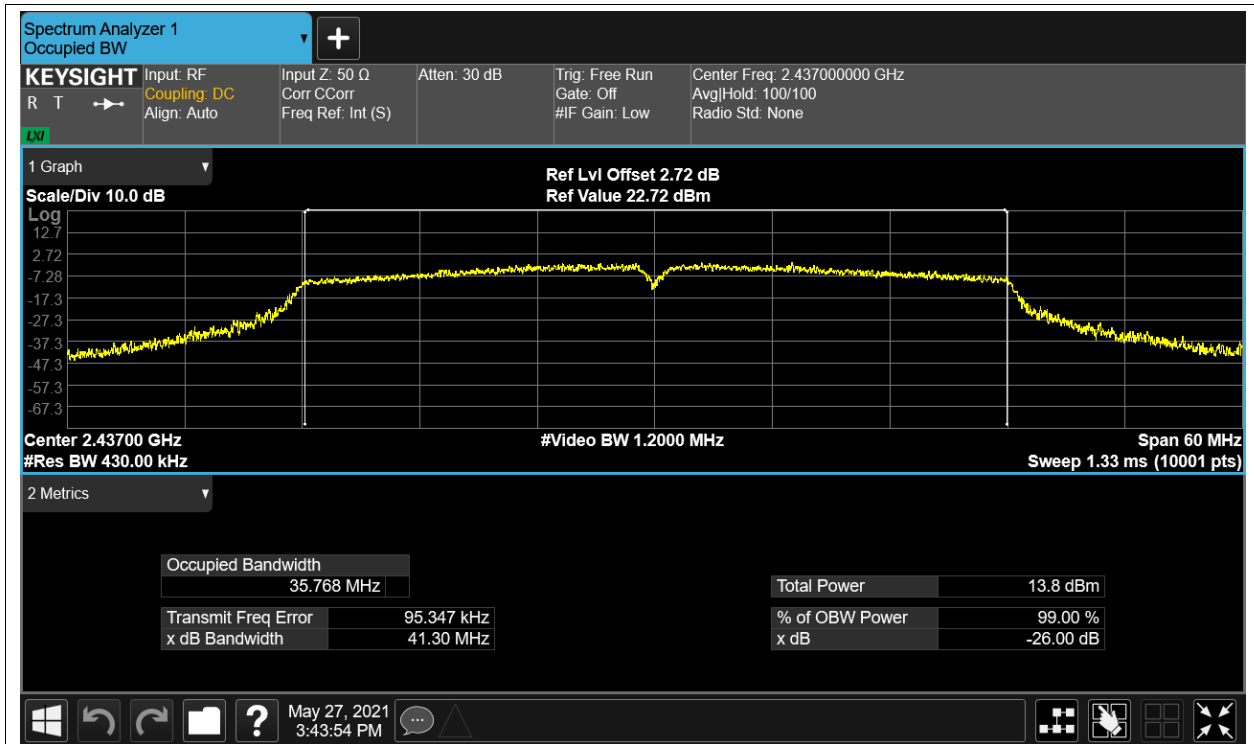
OBW NVNT n40 2422MHz Ant1



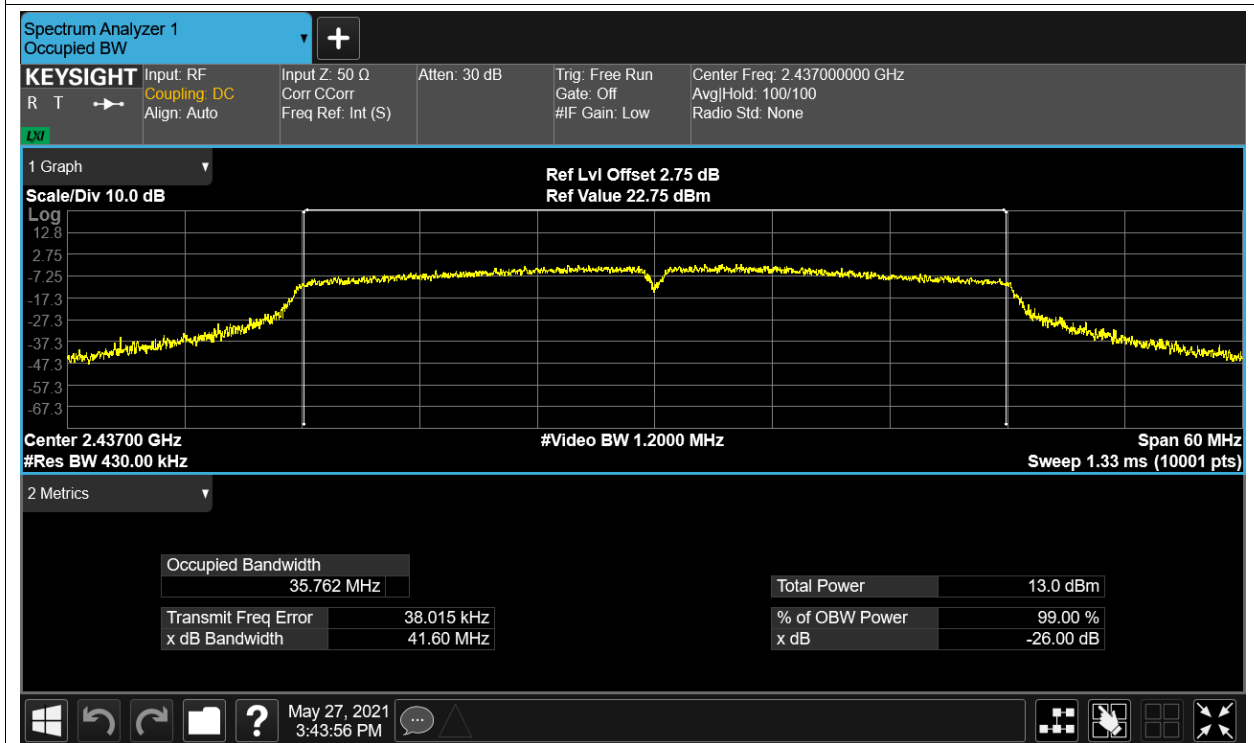
OBW NVNT n40 2422MHz Ant2



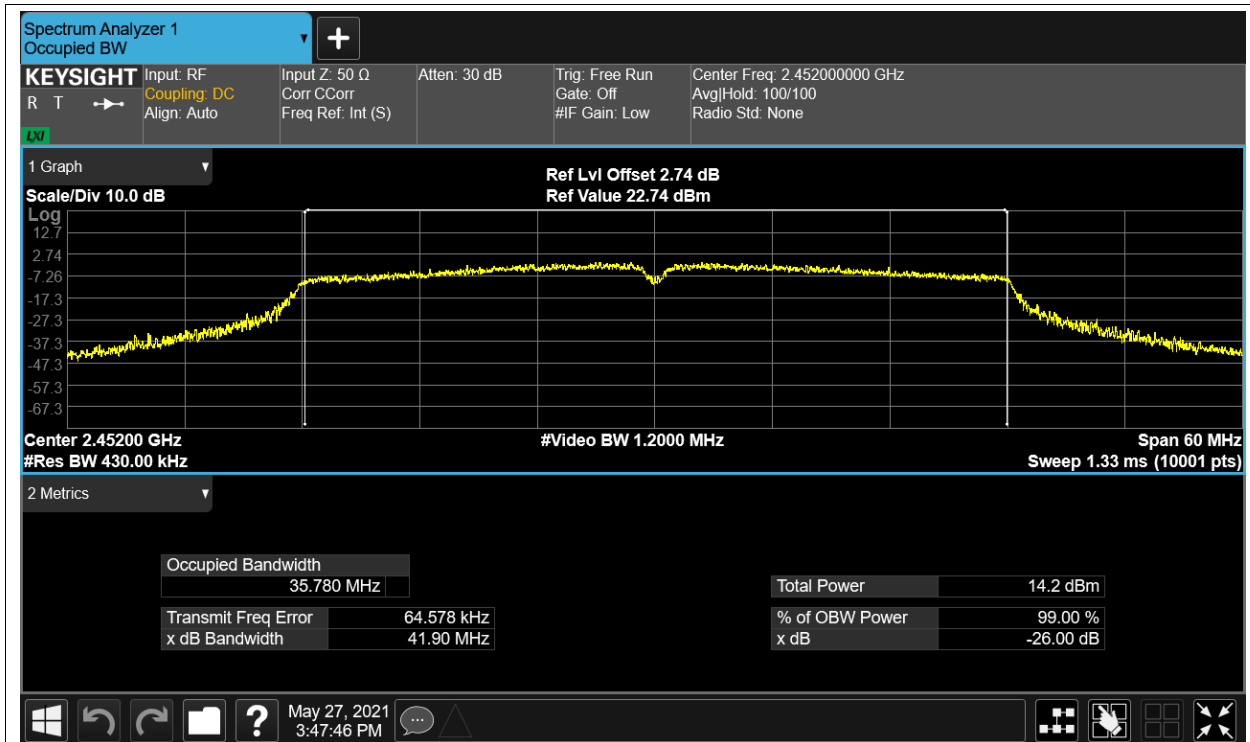
OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

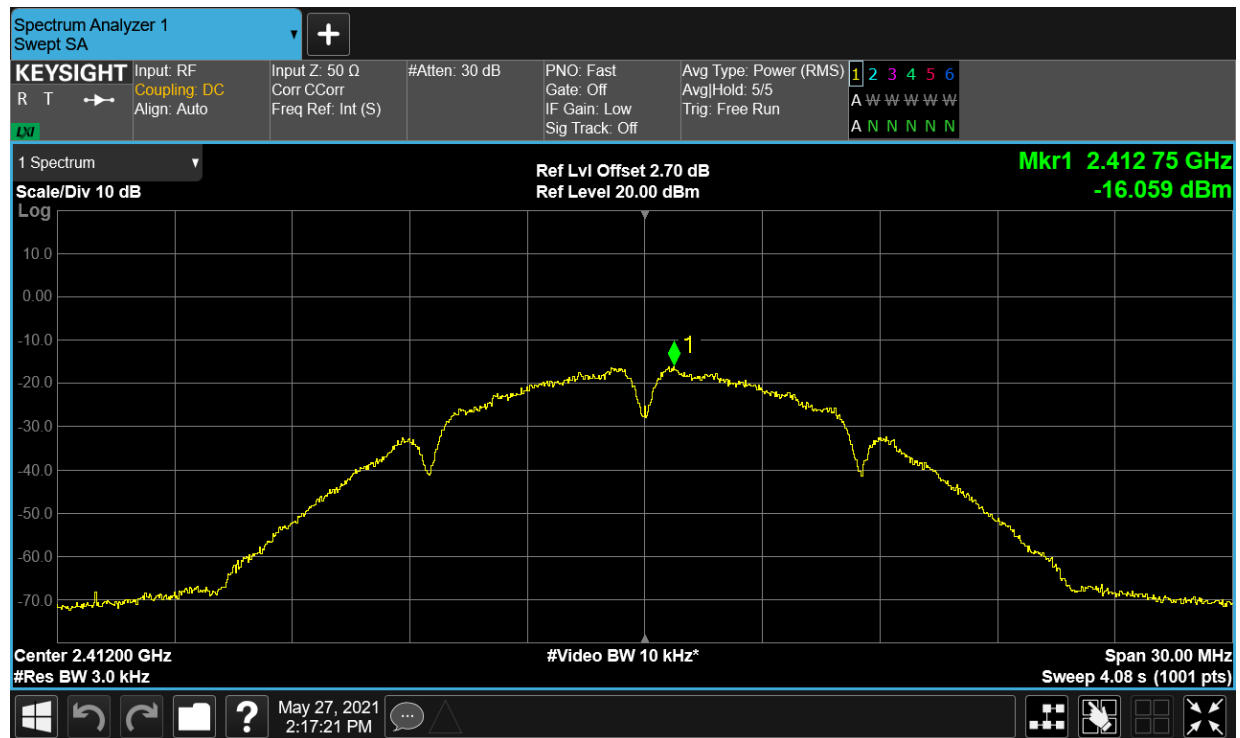


Maximum Power Spectral Density Level

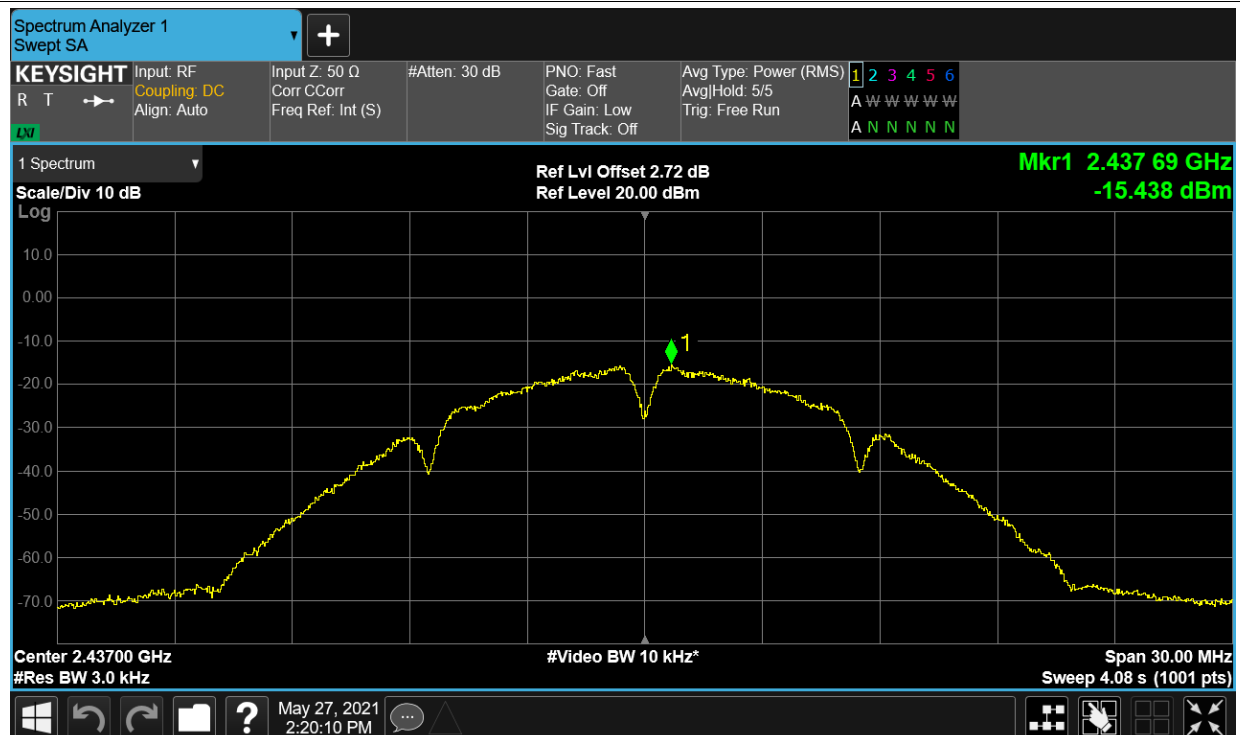
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.059	8	Pass
NVNT	b	2437	Ant1	-15.438	8	Pass
NVNT	b	2462	Ant1	-16.275	8	Pass
NVNT	b	2412	Ant2	-16.206	8	Pass
NVNT	b	2437	Ant2	-15.803	8	Pass
NVNT	b	2462	Ant2	-16.091	8	Pass
NVNT	g	2412	Ant1	-20.021	8	Pass
NVNT	g	2437	Ant1	-19.861	8	Pass
NVNT	g	2462	Ant1	-20.473	8	Pass
NVNT	g	2412	Ant2	-20.572	8	Pass
NVNT	g	2437	Ant2	-19.881	8	Pass
NVNT	g	2462	Ant2	-18.633	8	Pass
NVNT	n20	2412	Ant1	-20.745	8	Pass
NVNT	n20	2412	Ant2	-16.192	8	Pass
NVNT	n20	2412	MIMO	-14.887	8	Pass
NVNT	n20	2437	Ant1	-20.667	8	Pass
NVNT	n20	2437	Ant2	-20.881	8	Pass
NVNT	n20	2437	MIMO	-17.762	8	Pass
NVNT	n20	2462	Ant1	-20.929	8	Pass
NVNT	n20	2462	Ant2	-22.442	8	Pass
NVNT	n20	2462	MIMO	-18.61	8	Pass
NVNT	n40	2422	Ant1	-23.776	8	Pass
NVNT	n40	2422	Ant2	-25.282	8	Pass
NVNT	n40	2422	MIMO	-21.454	8	Pass
NVNT	n40	2437	Ant1	-28.335	8	Pass
NVNT	n40	2437	Ant2	-29.067	8	Pass
NVNT	n40	2437	MIMO	-25.675	8	Pass
NVNT	n40	2452	Ant1	-27.865	8	Pass
NVNT	n40	2452	Ant2	-28.509	8	Pass
NVNT	n40	2452	MIMO	-25.165	8	Pass

Test Graphs

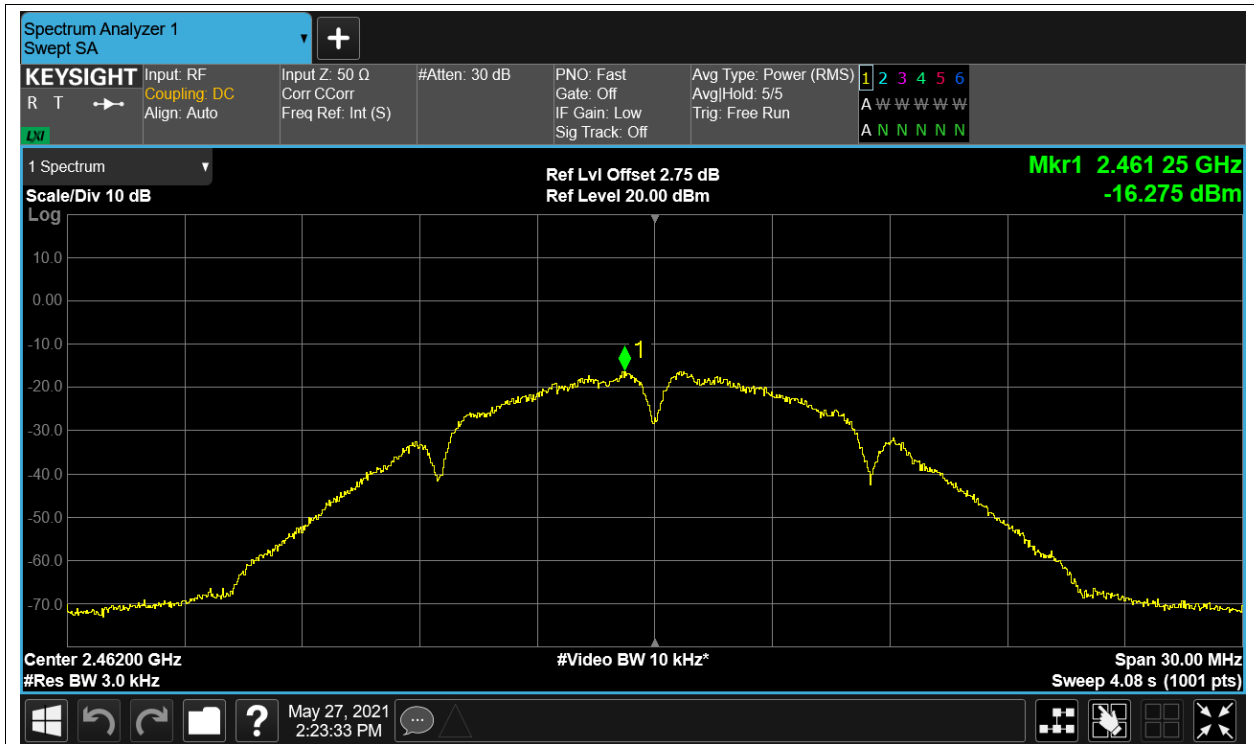
PSD NVNT b 2412MHz Ant1



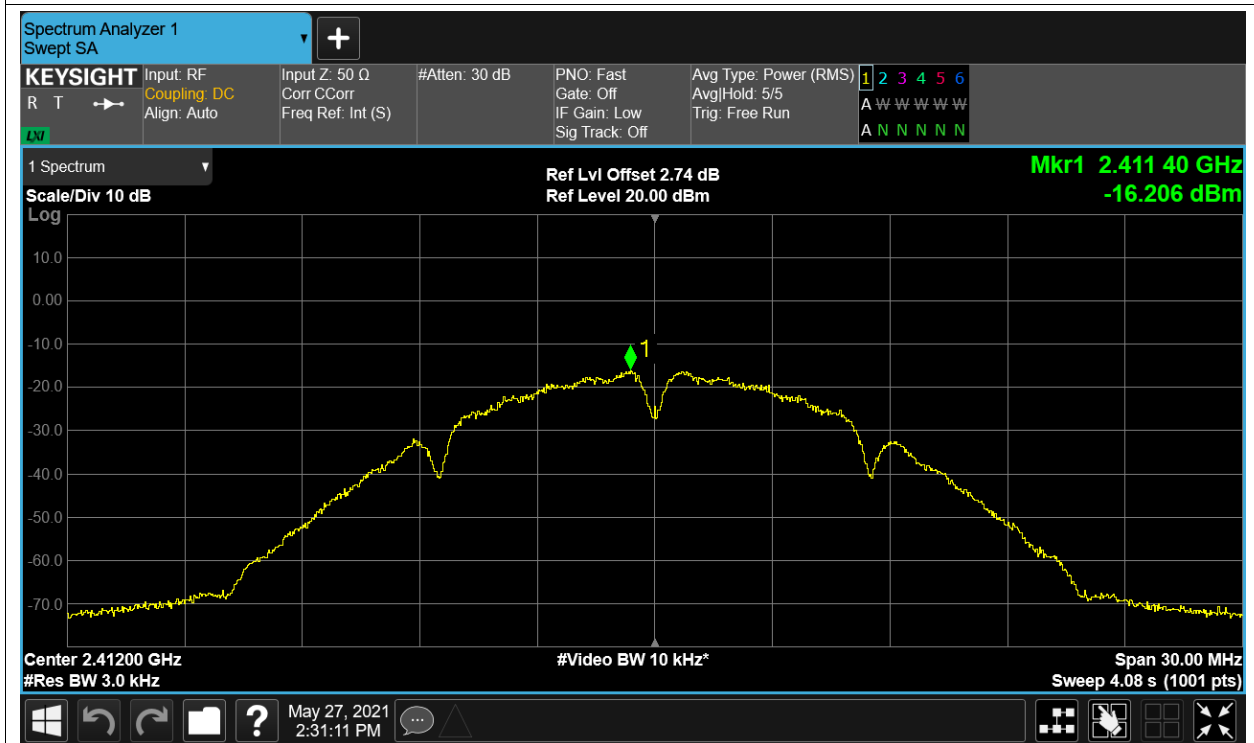
PSD NVNT b 2437MHz Ant1



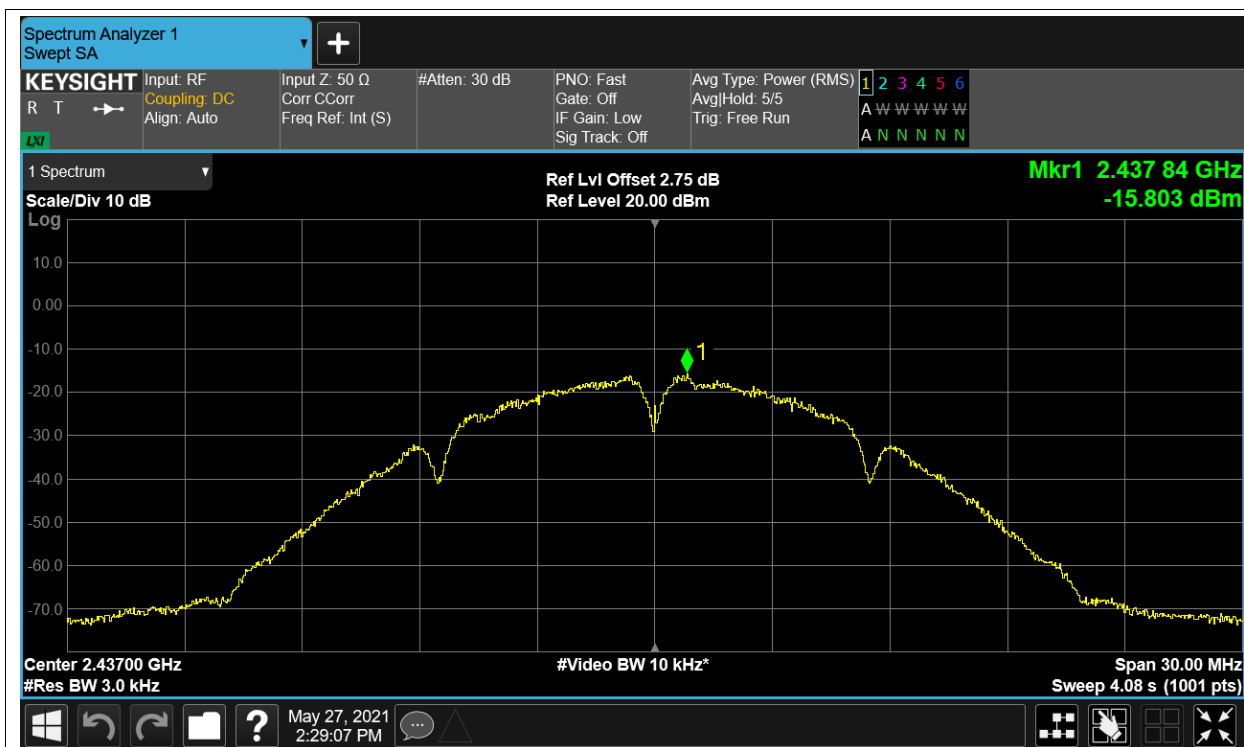
PSD NVNT b 2462MHz Ant1



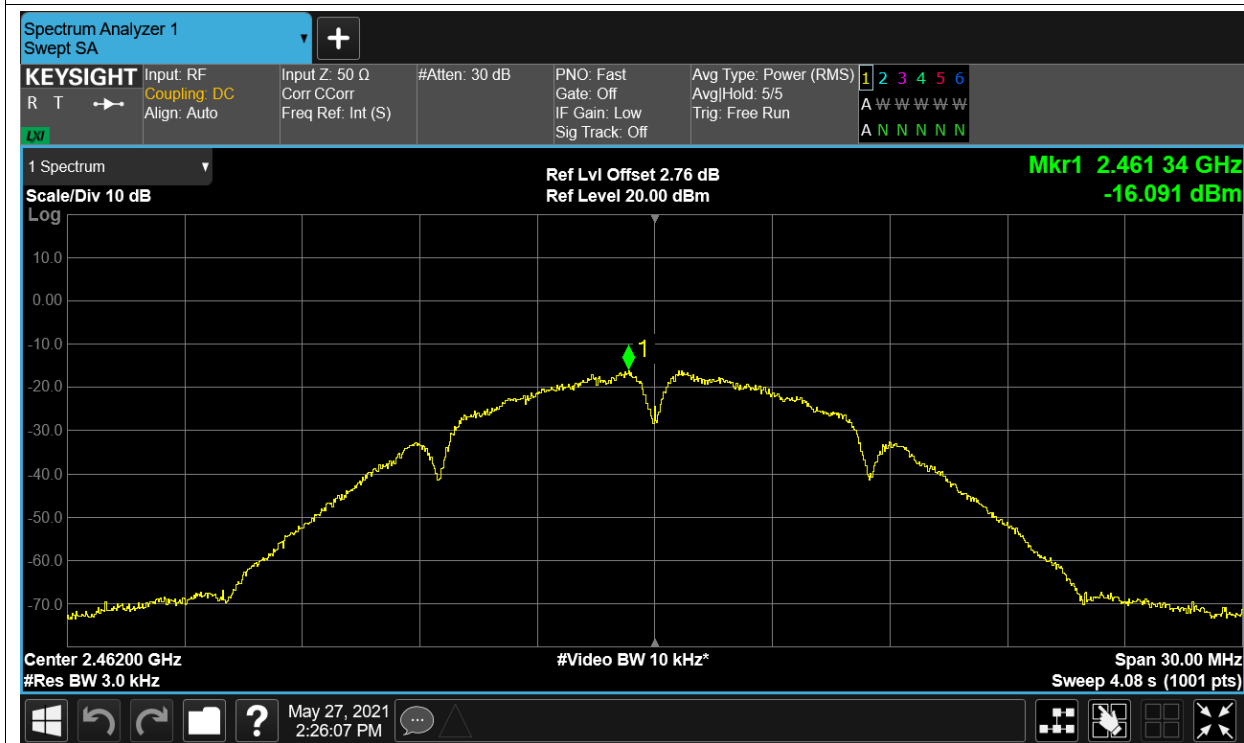
PSD NVNT b 2412MHz Ant2



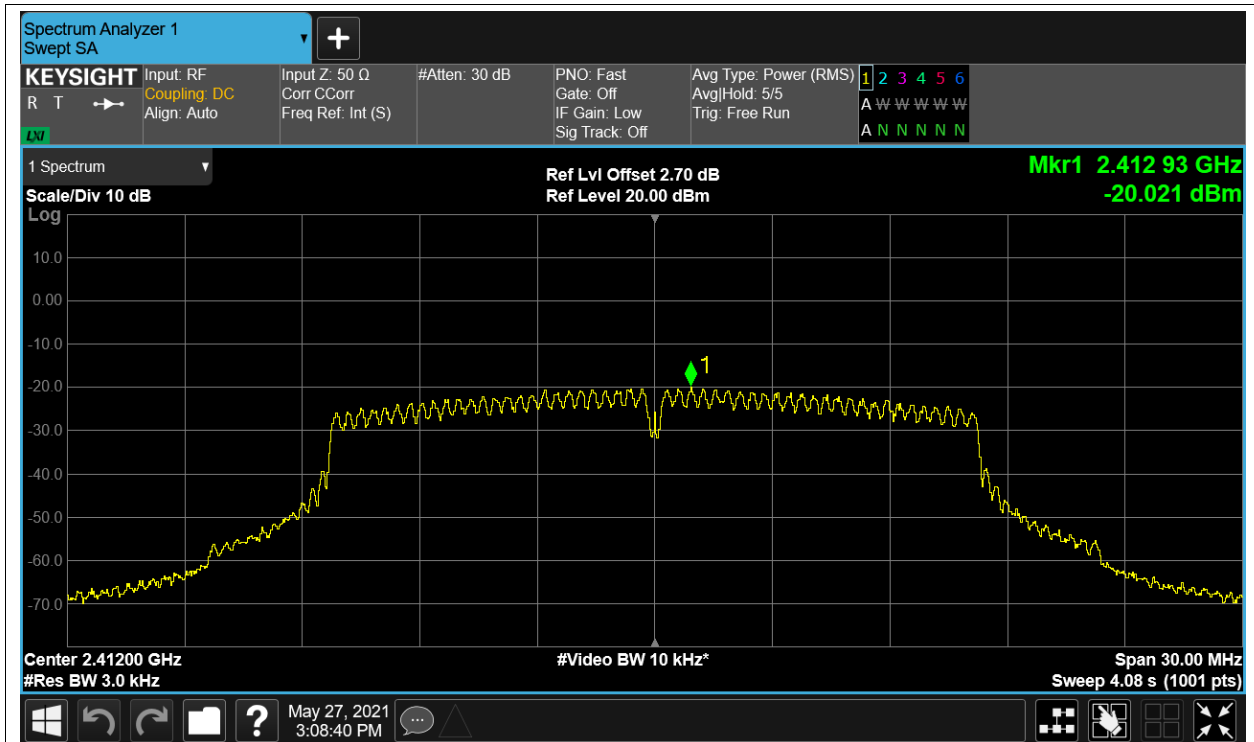
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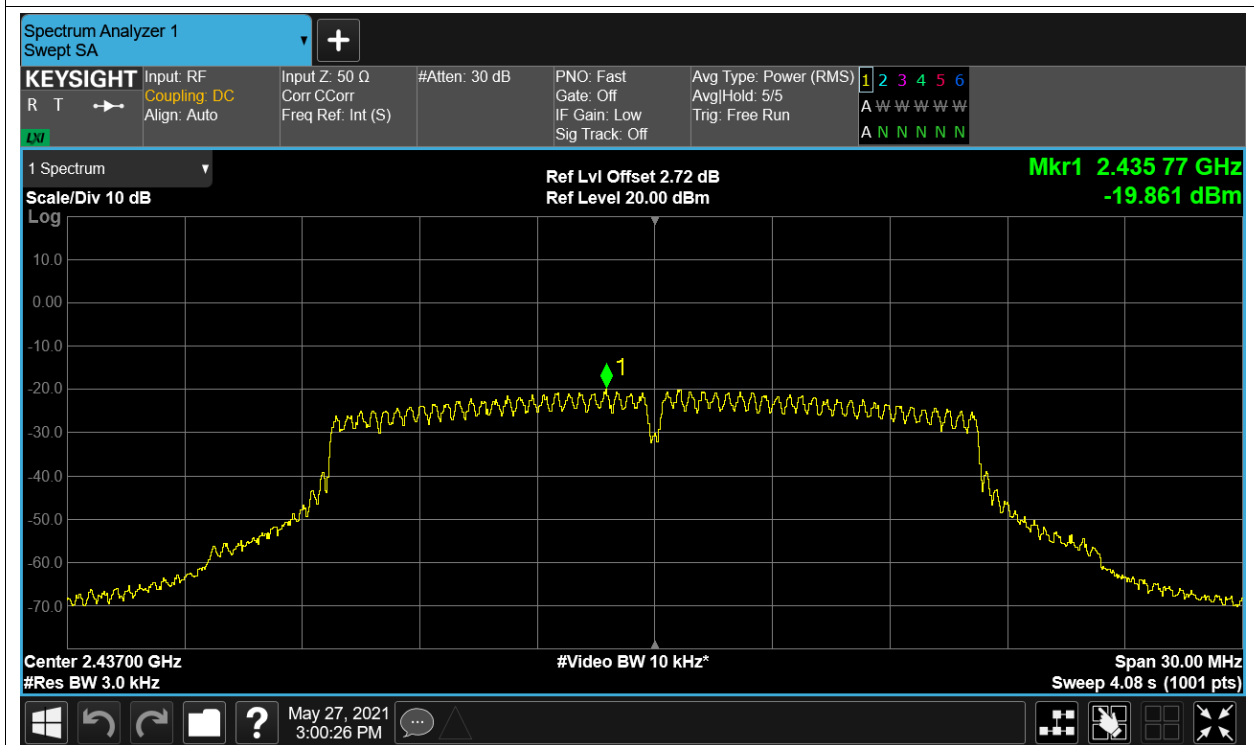
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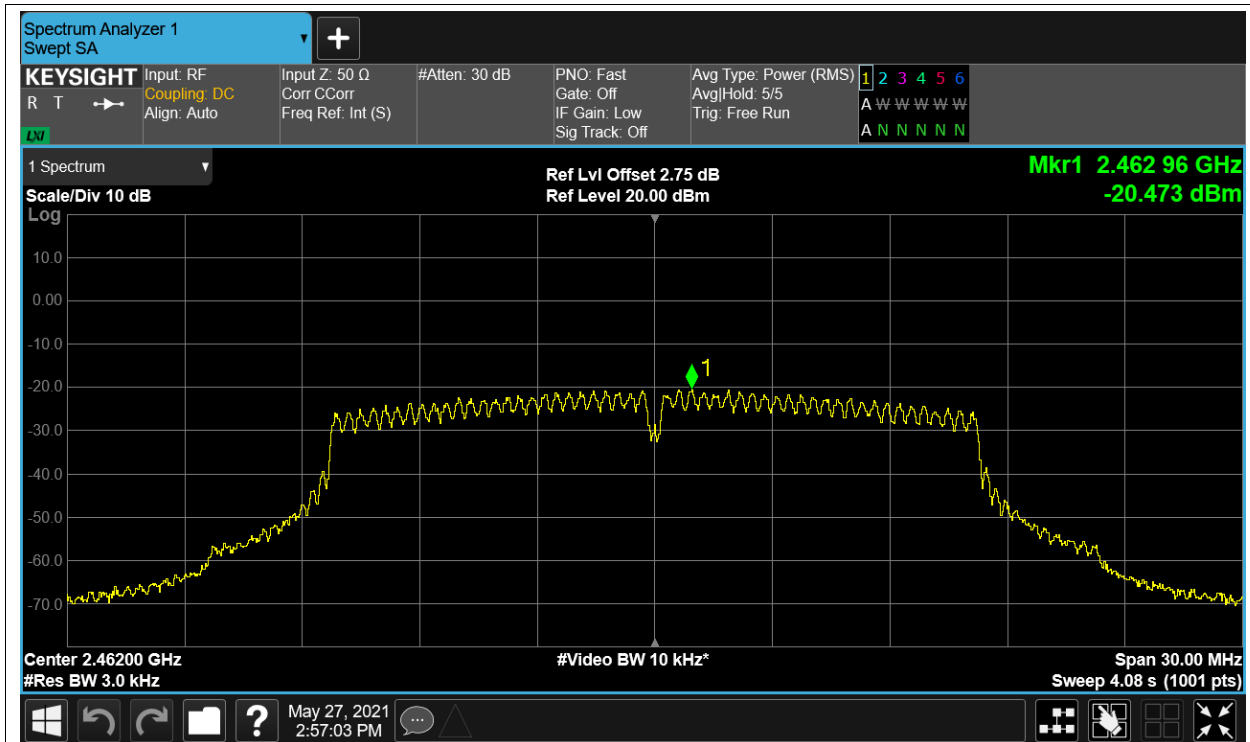
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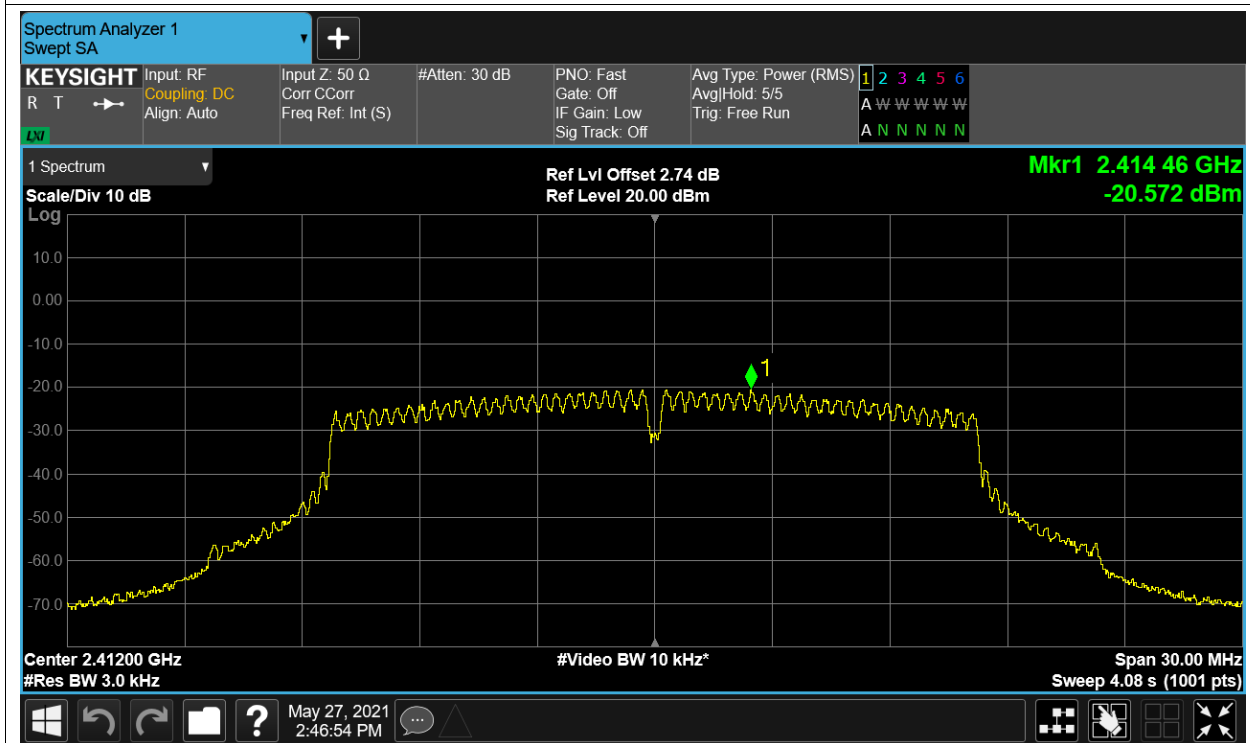
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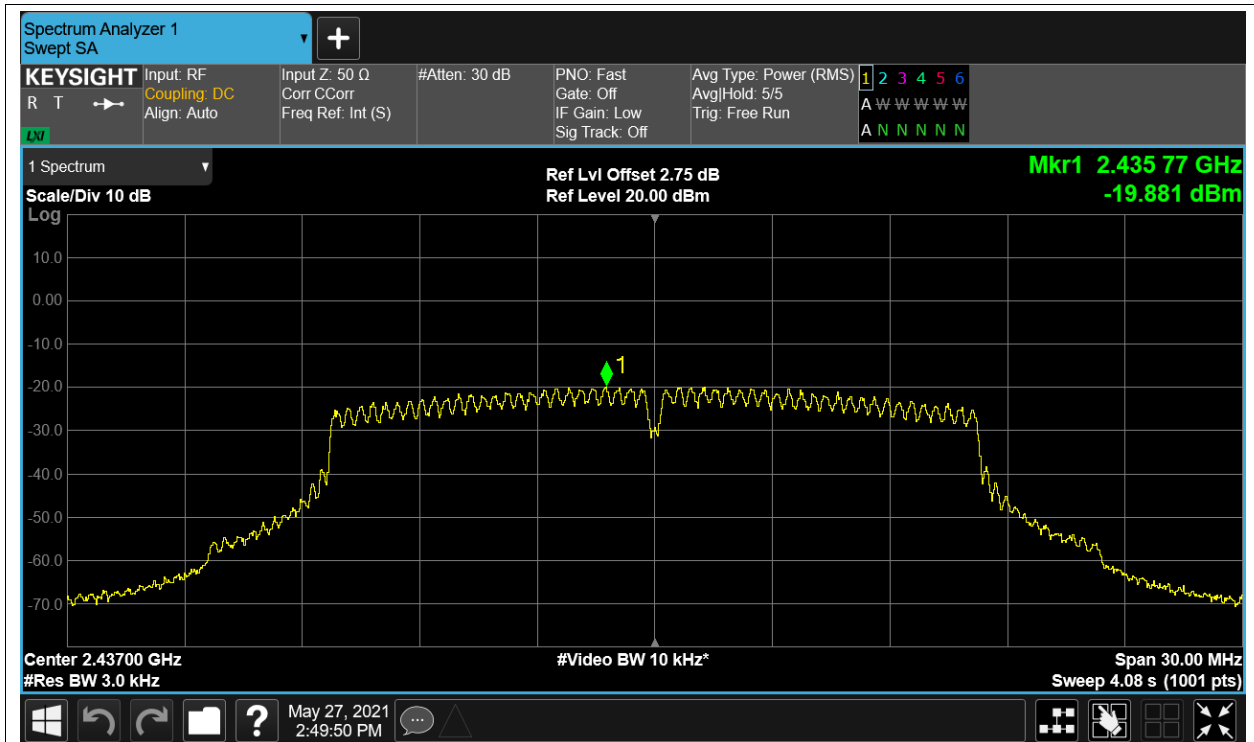
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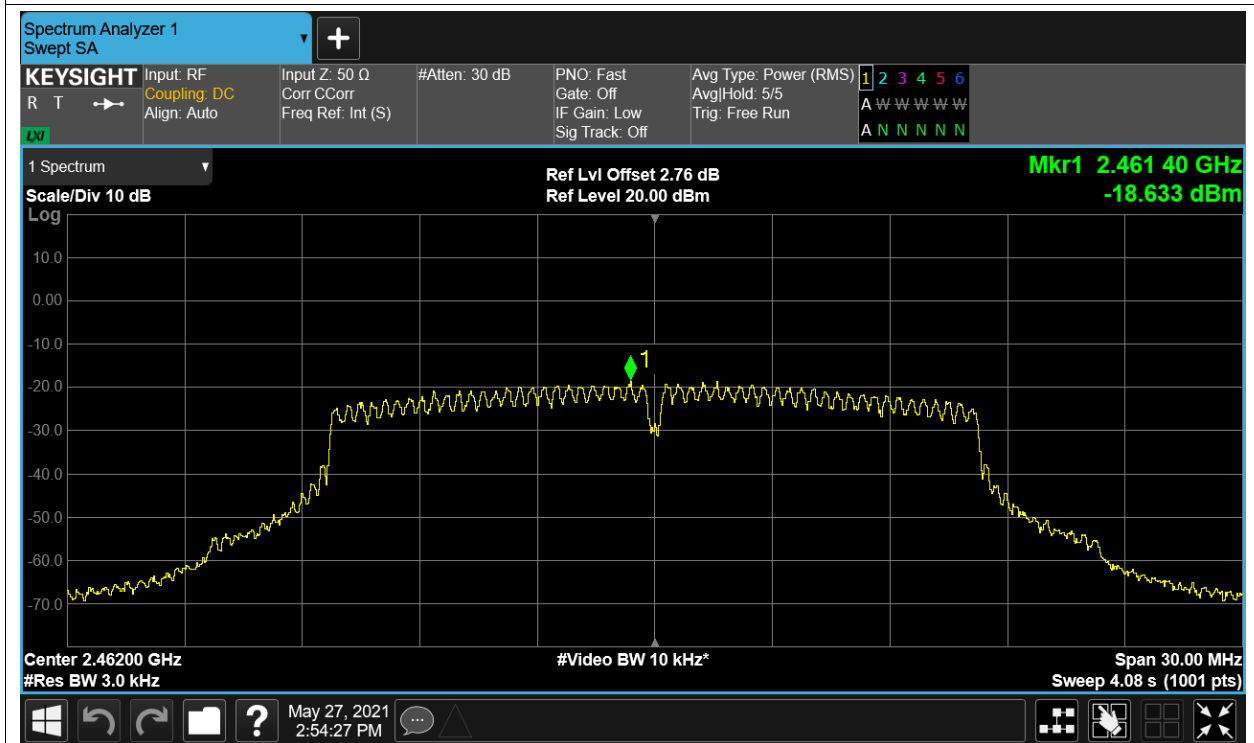
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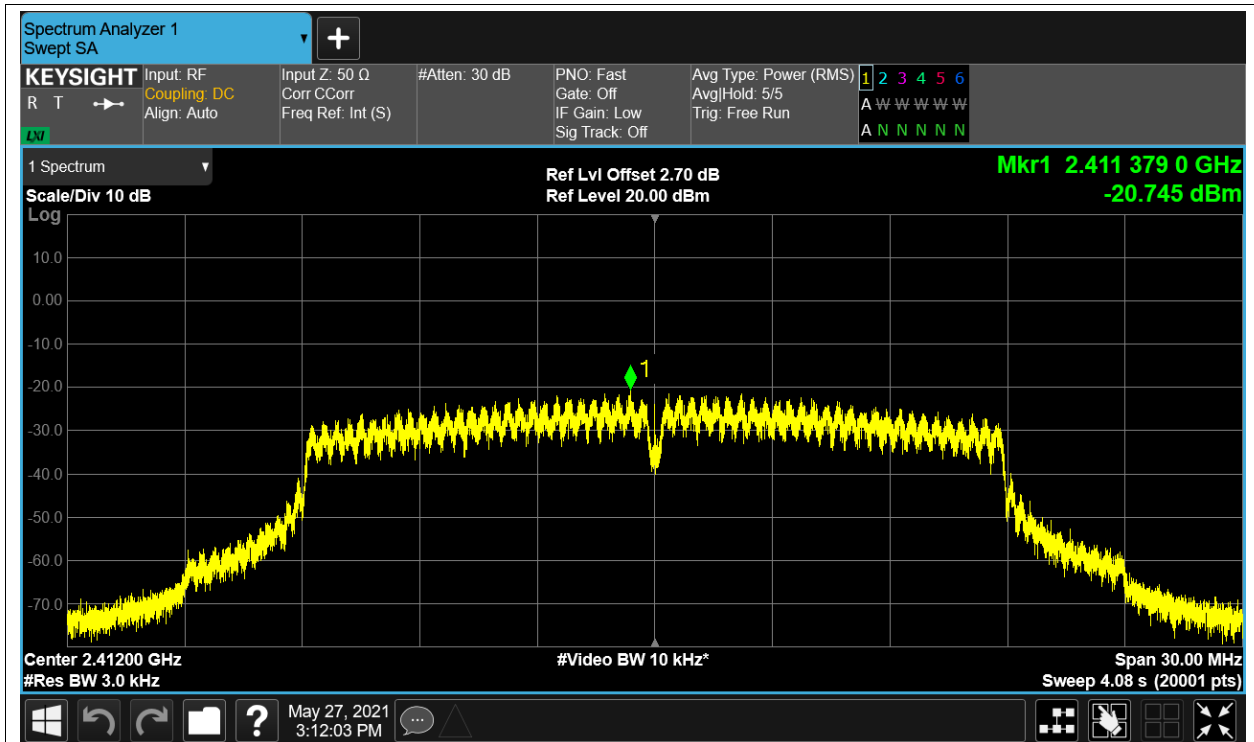
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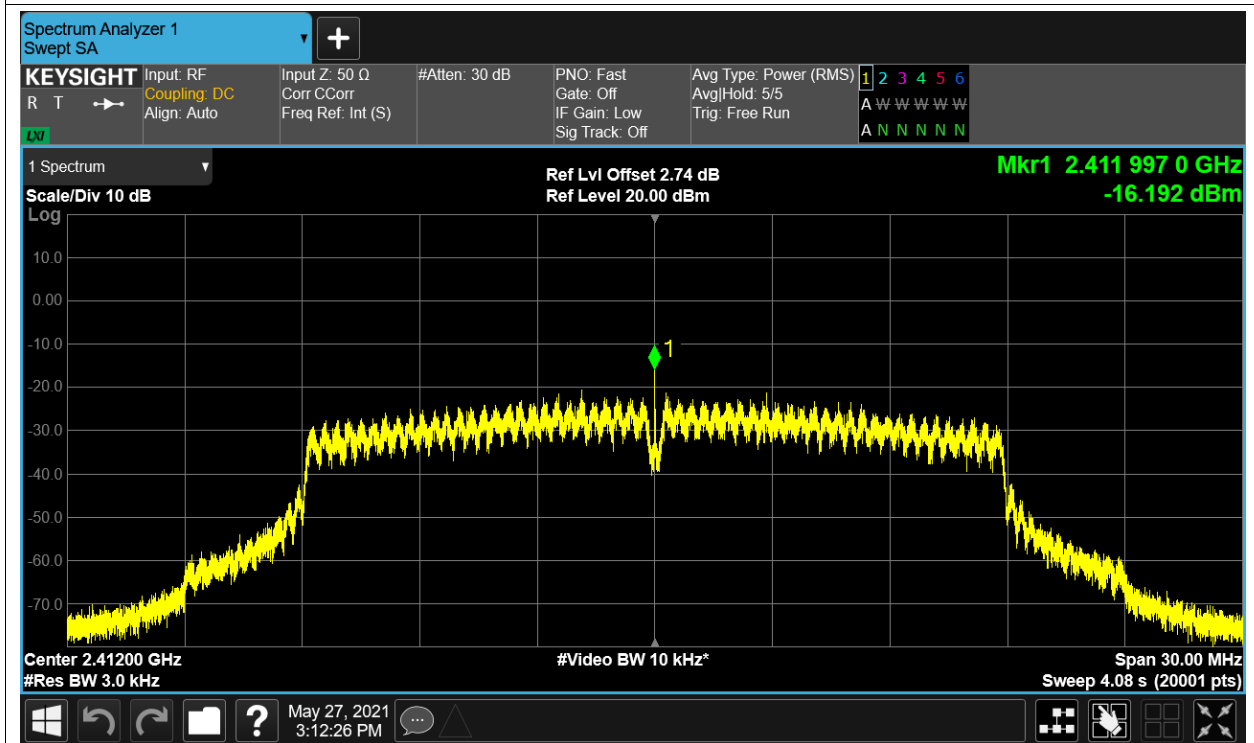
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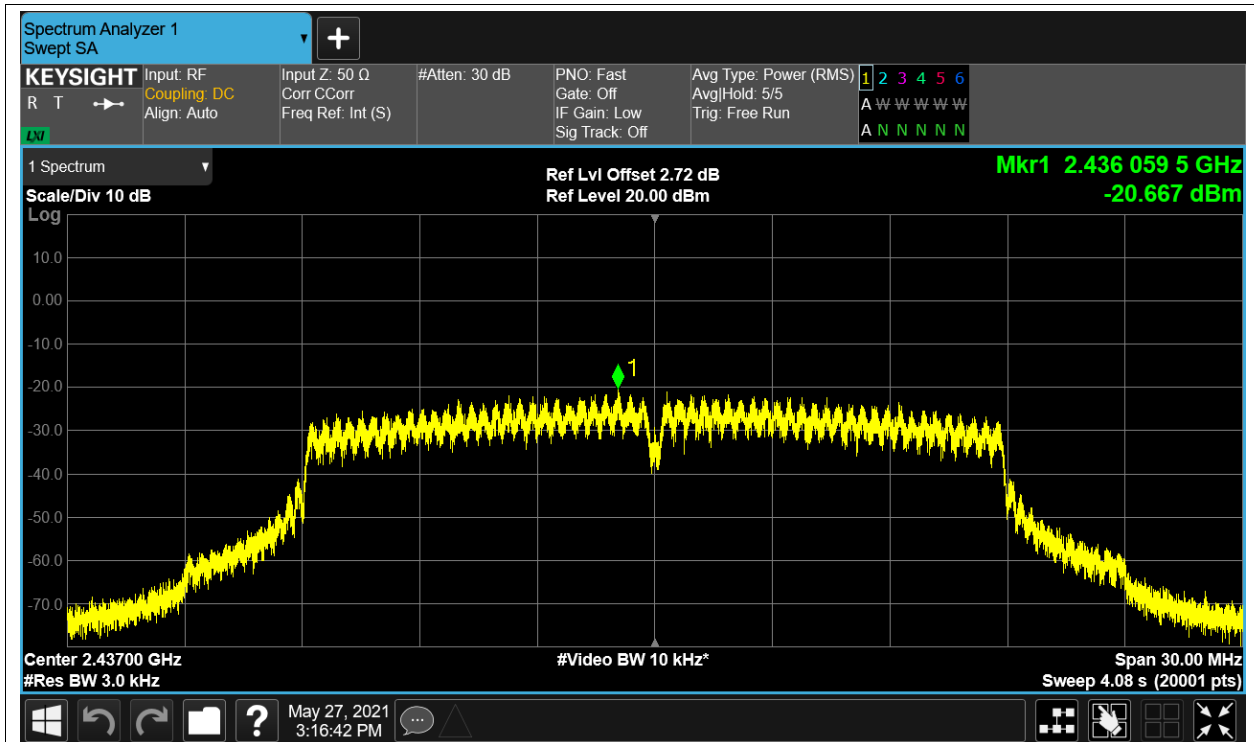
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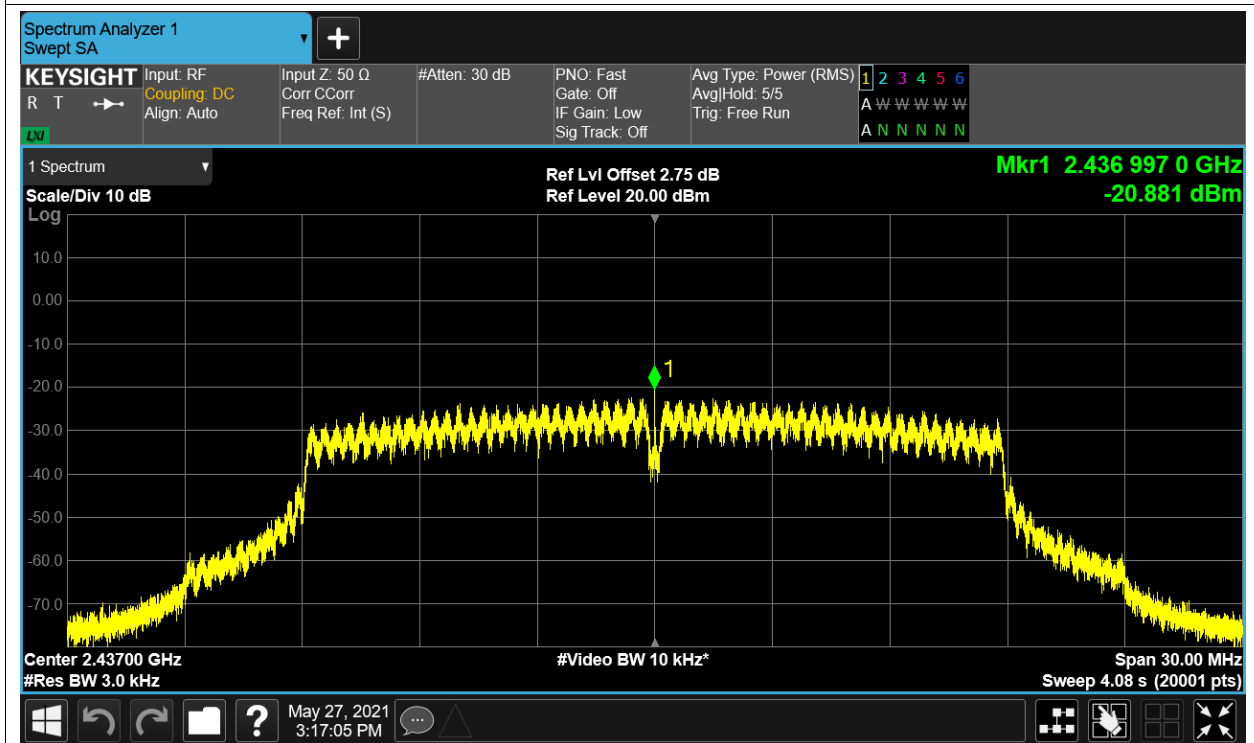
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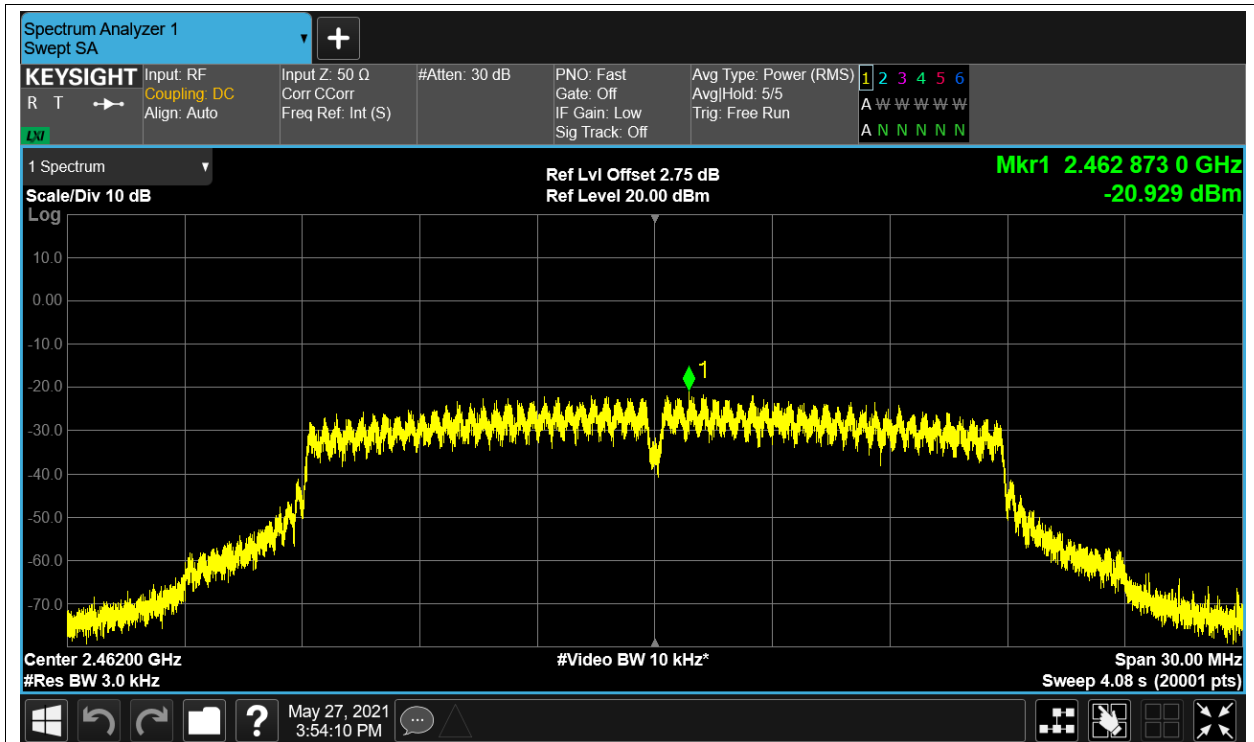
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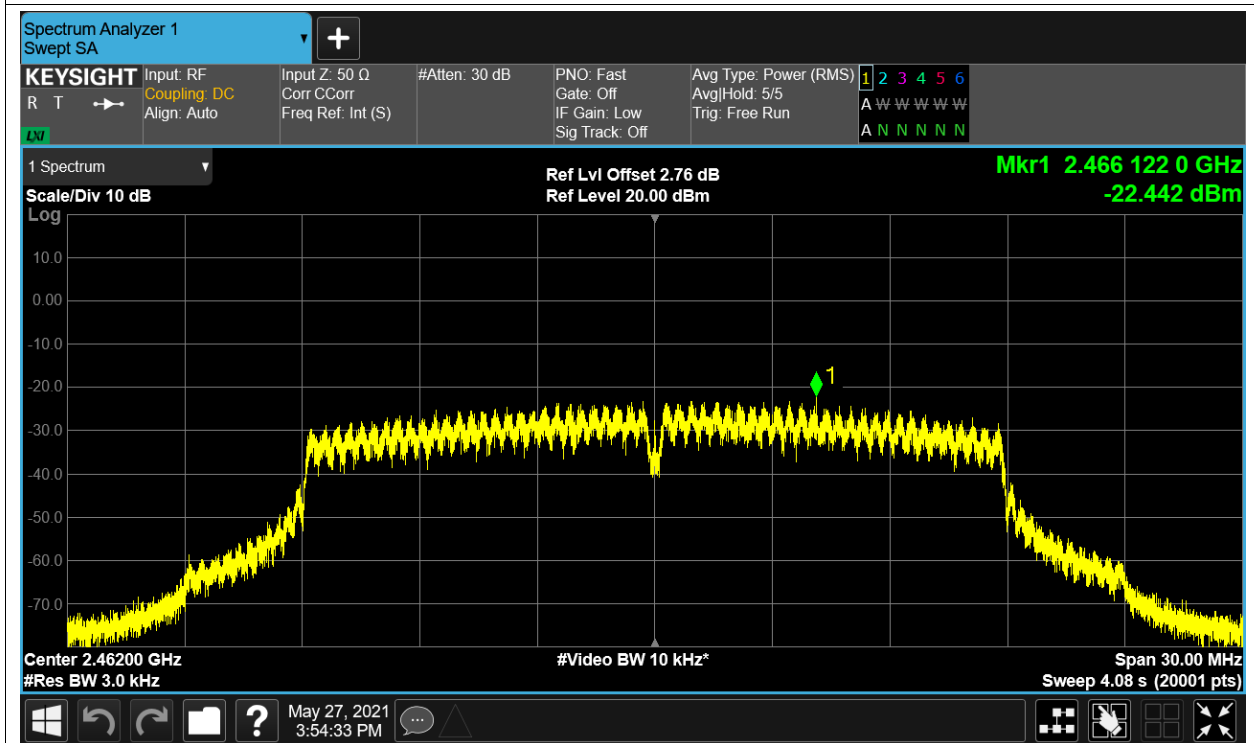
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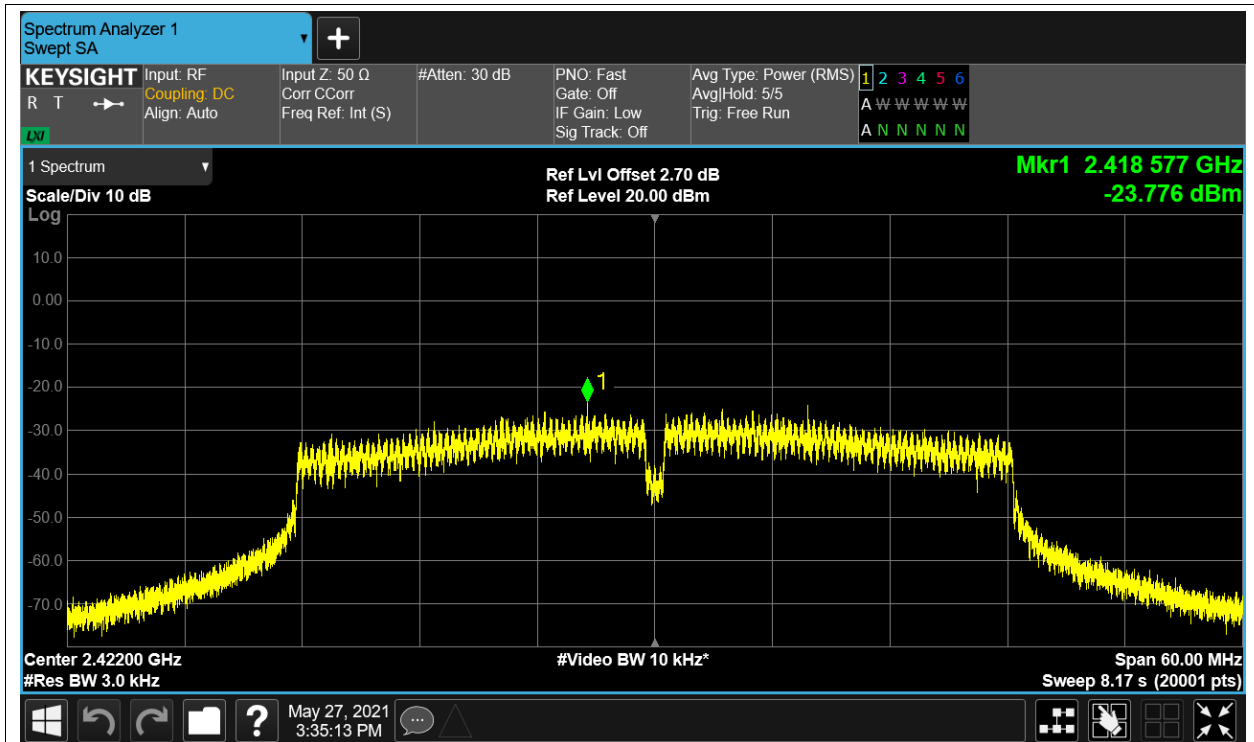
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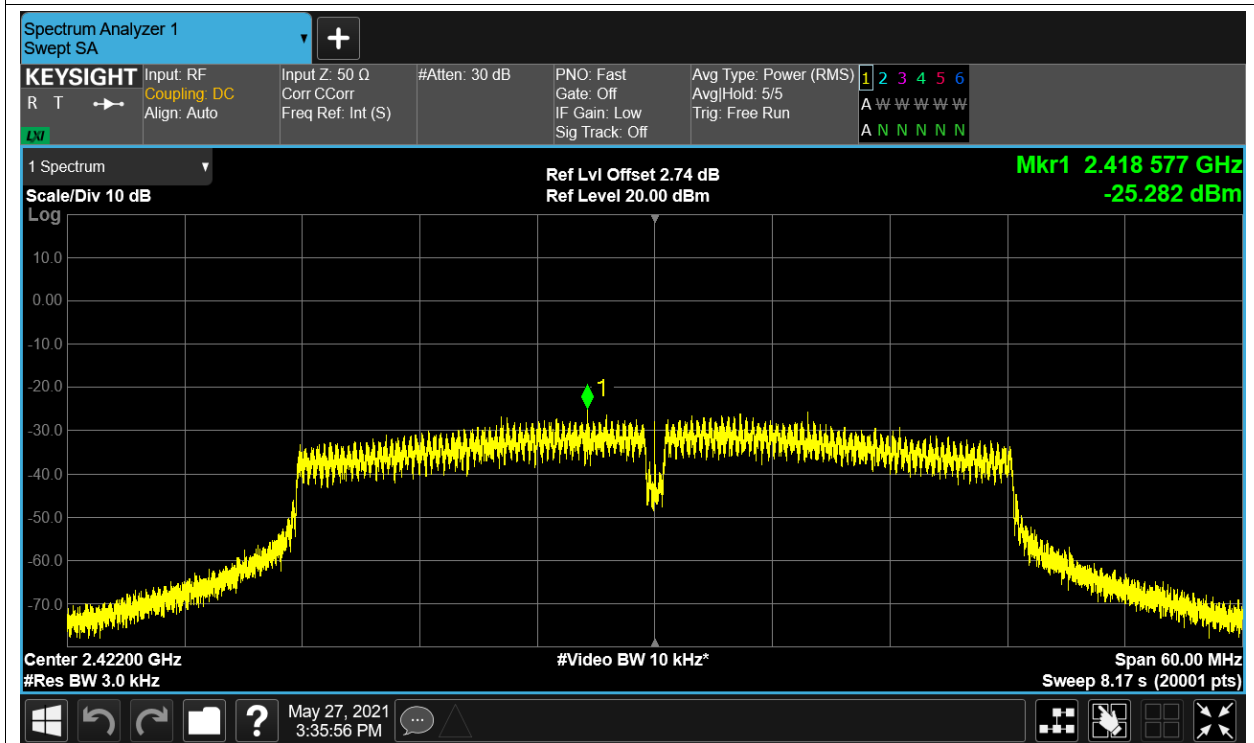
PSD NVNT n20 2462MHz Ant2



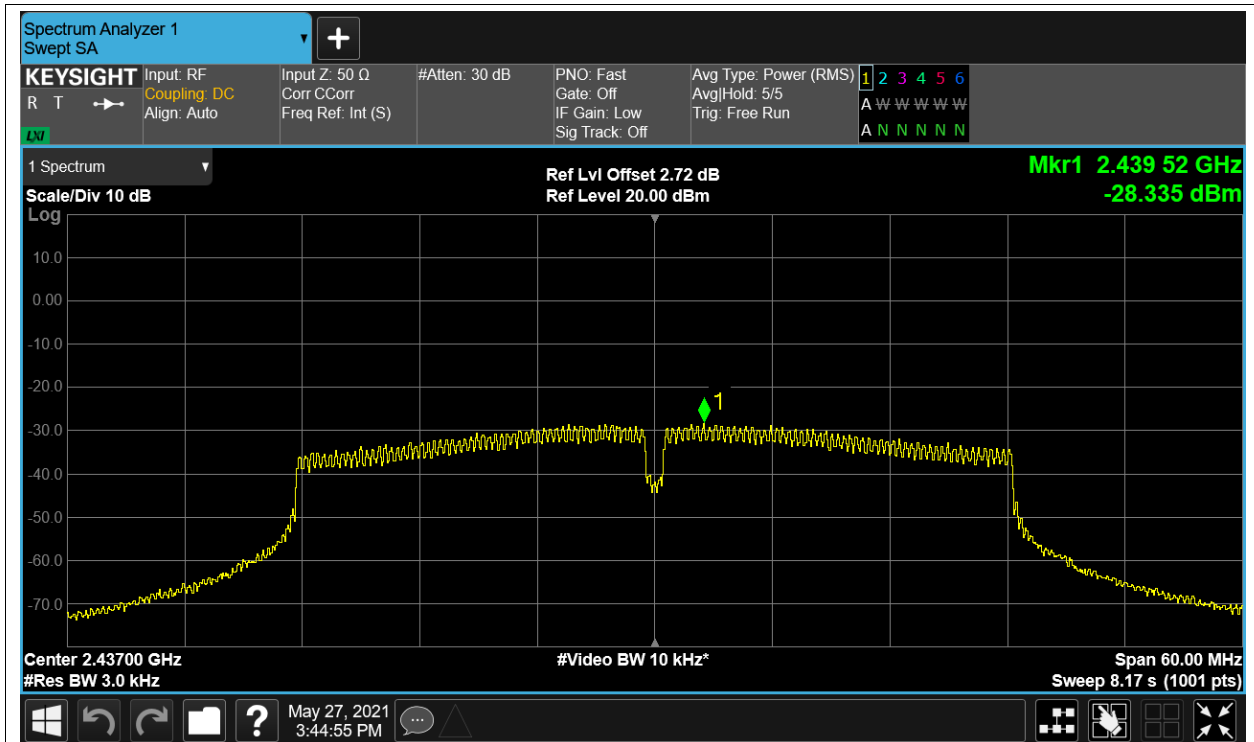
PSD NVNT n40 2422MHz Ant1



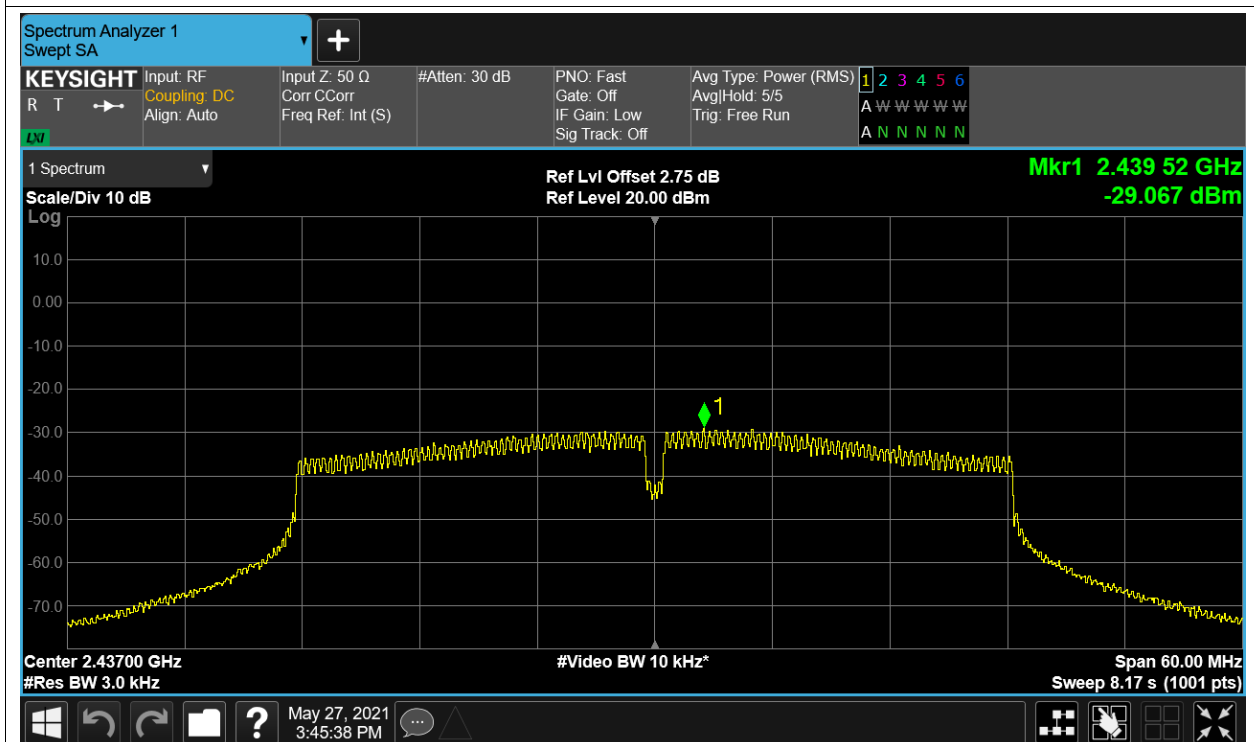
PSD NVNT n40 2422MHz Ant2



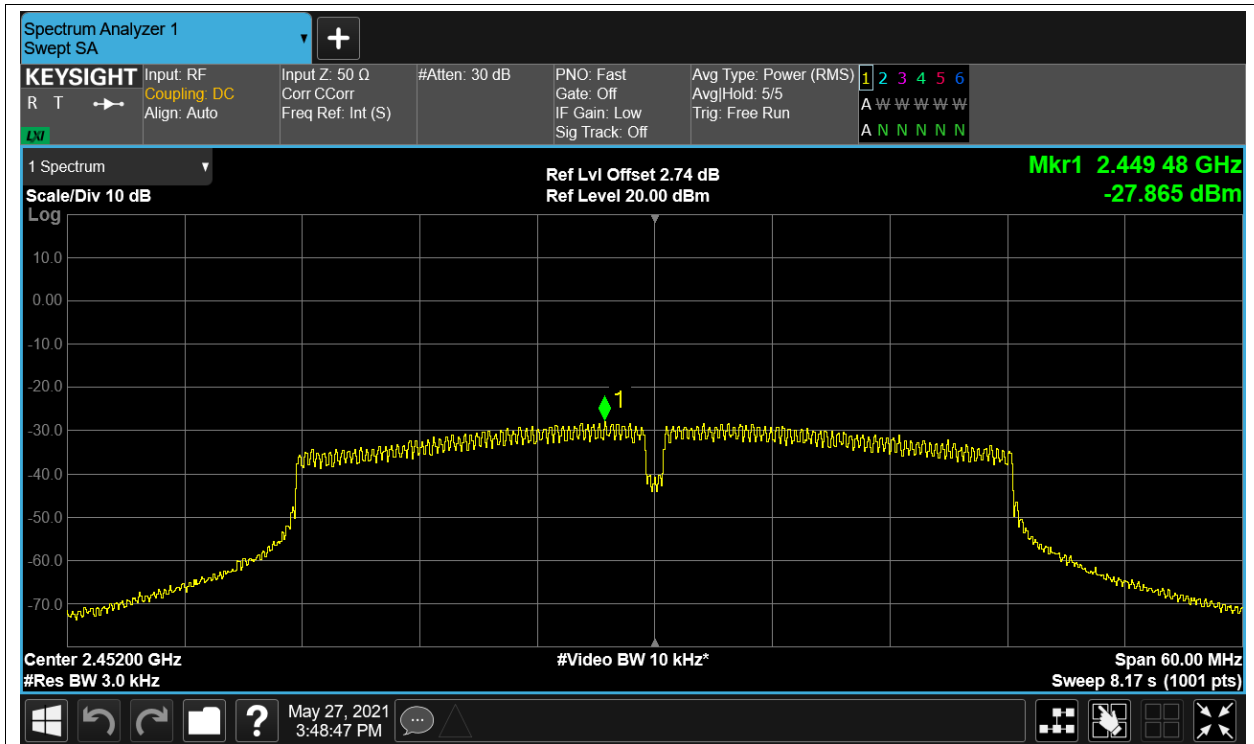
PSD NVNT n40 2437MHz Ant1



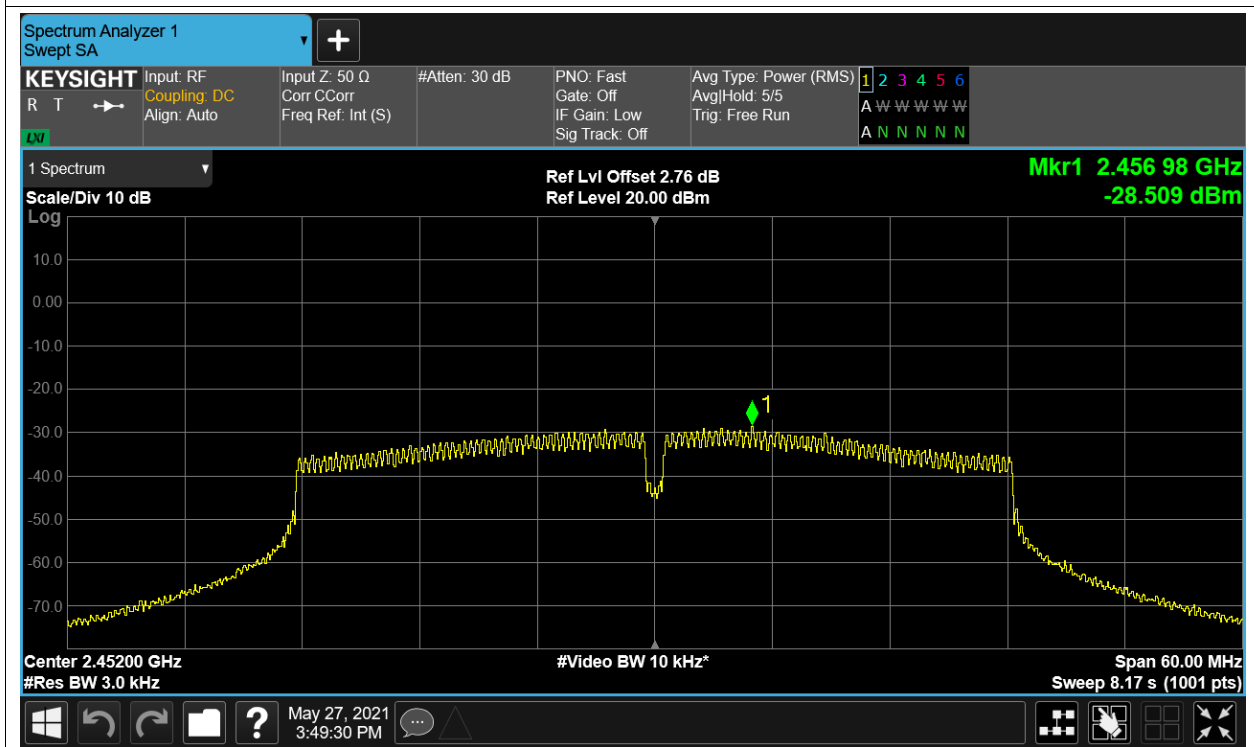
PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2

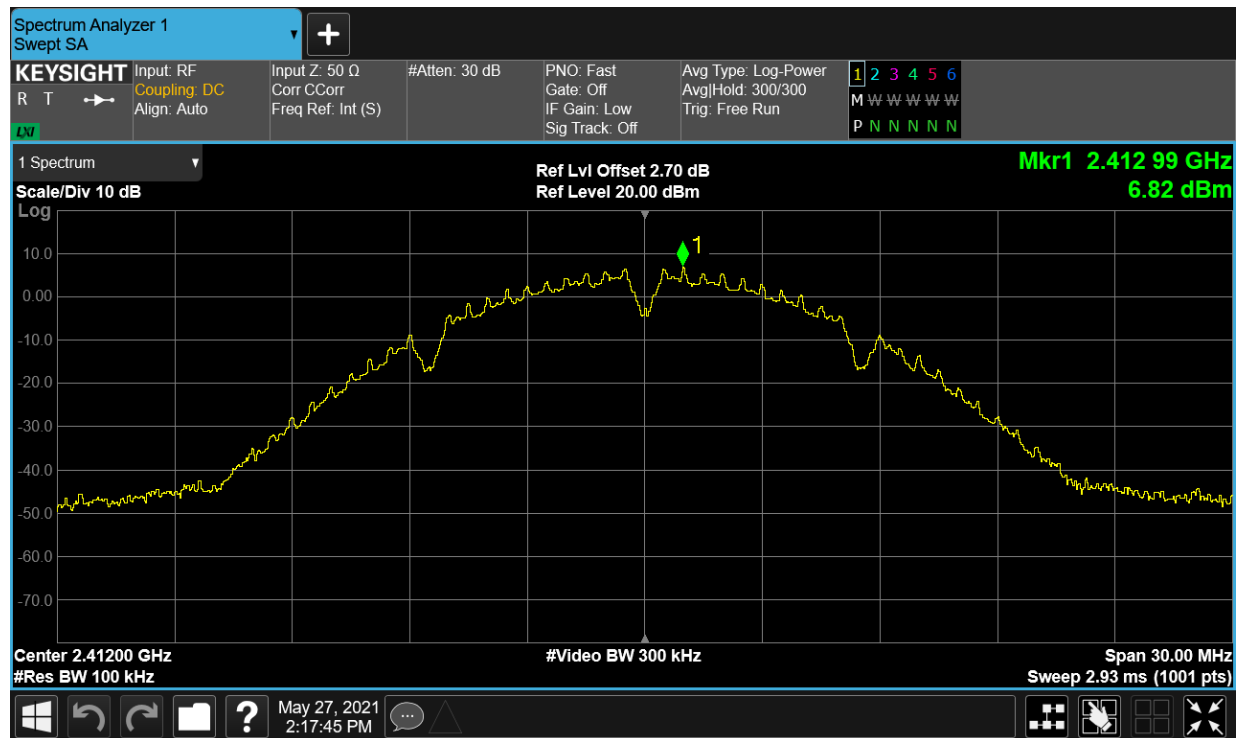


Band Edge

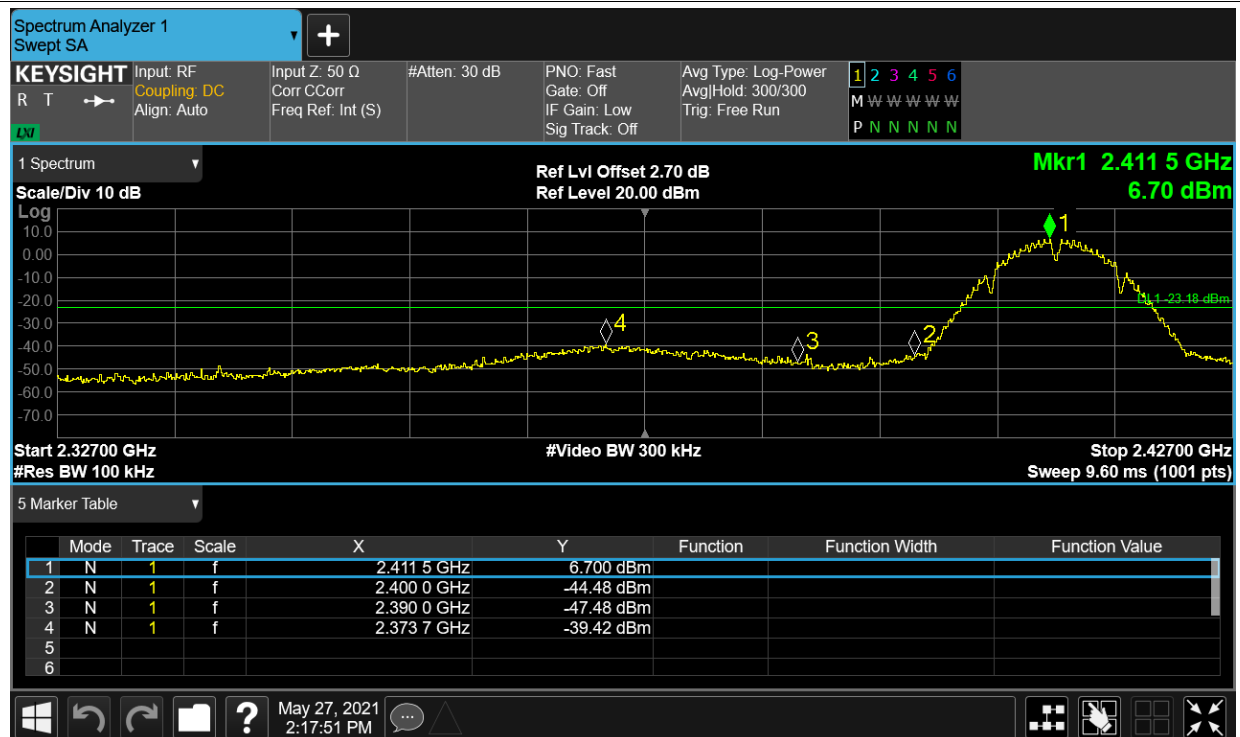
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.24	-30	Pass
NVNT	b	2462	Ant1	-44.69	-30	Pass
NVNT	b	2412	Ant2	-47.25	-30	Pass
NVNT	b	2462	Ant2	-46.65	-30	Pass
NVNT	g	2412	Ant1	-44.16	-30	Pass
NVNT	g	2462	Ant1	-42.75	-30	Pass
NVNT	g	2412	Ant2	-45.41	-30	Pass
NVNT	g	2462	Ant2	-44.2	-30	Pass
NVNT	n20	2412	Ant1	-43.74	-30	Pass
NVNT	n20	2412	Ant2	-42.95	-30	Pass
NVNT	n20	2462	Ant1	-42.01	-30	Pass
NVNT	n20	2462	Ant2	-41.88	-30	Pass
NVNT	n40	2422	Ant1	-43.88	-30	Pass
NVNT	n40	2422	Ant2	-44.01	-30	Pass
NVNT	n40	2452	Ant1	-41.36	-30	Pass
NVNT	n40	2452	Ant2	-42.59	-30	Pass

Test Graphs

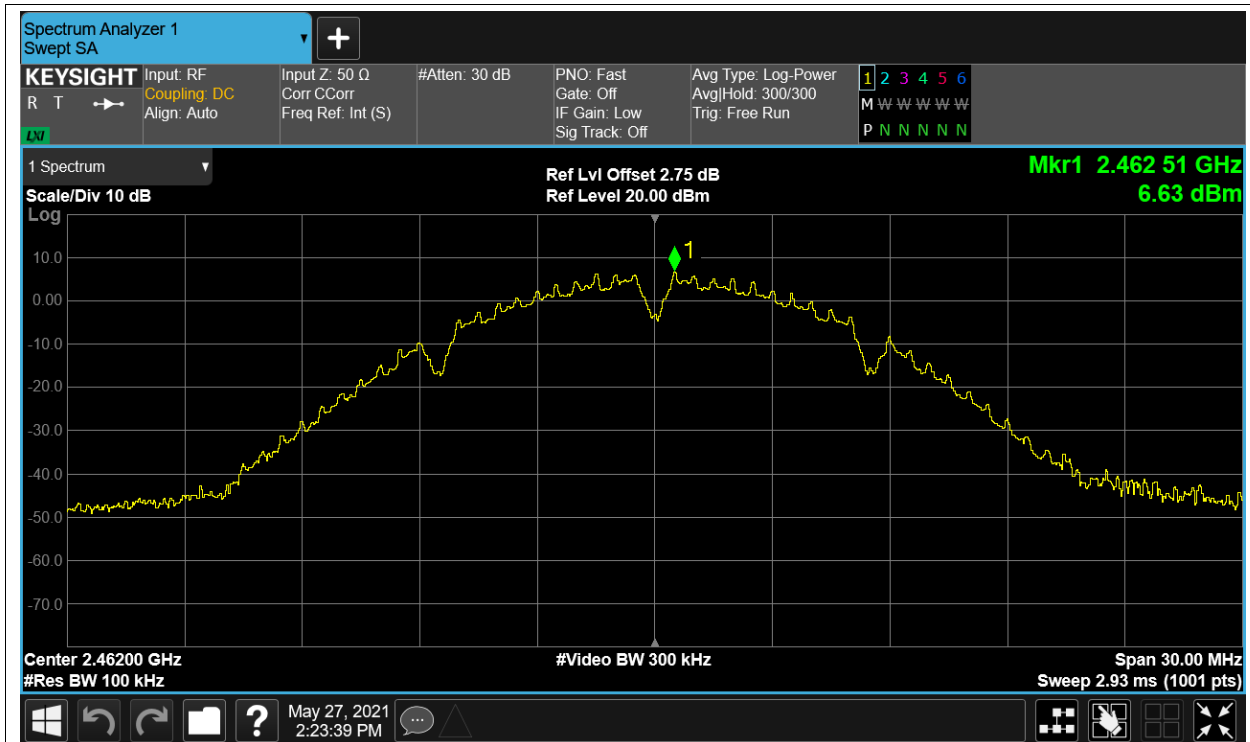
Band Edge NVNT b 2412MHz Ant1 Ref



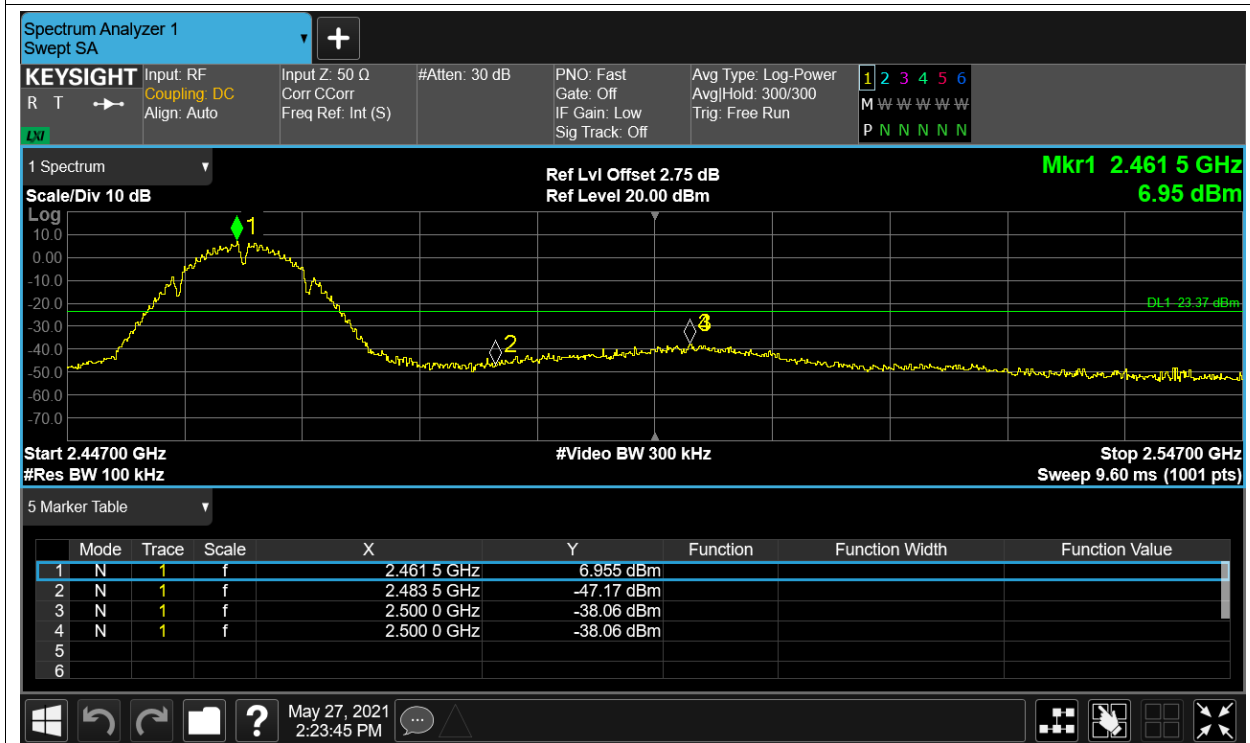
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT b 2412MHz Ant2 Ref