

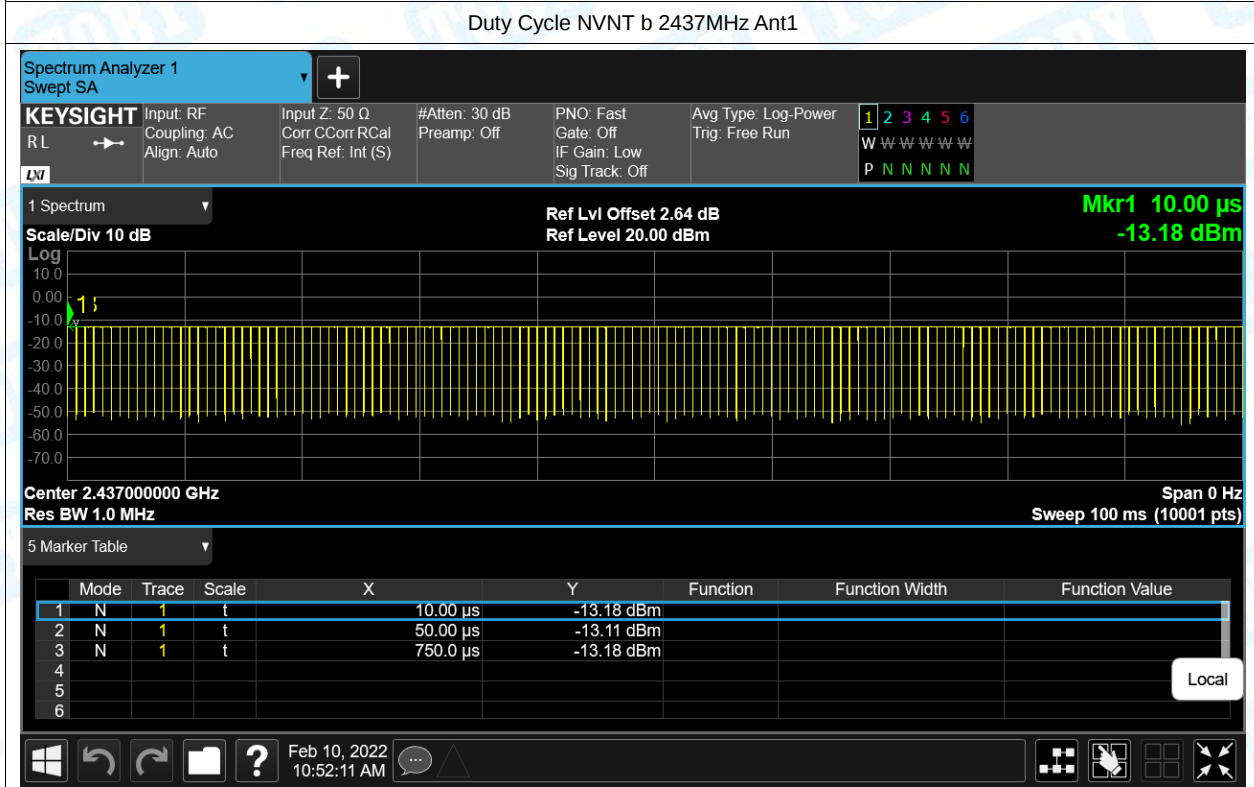
RF Test Data for 2.4G WiFi

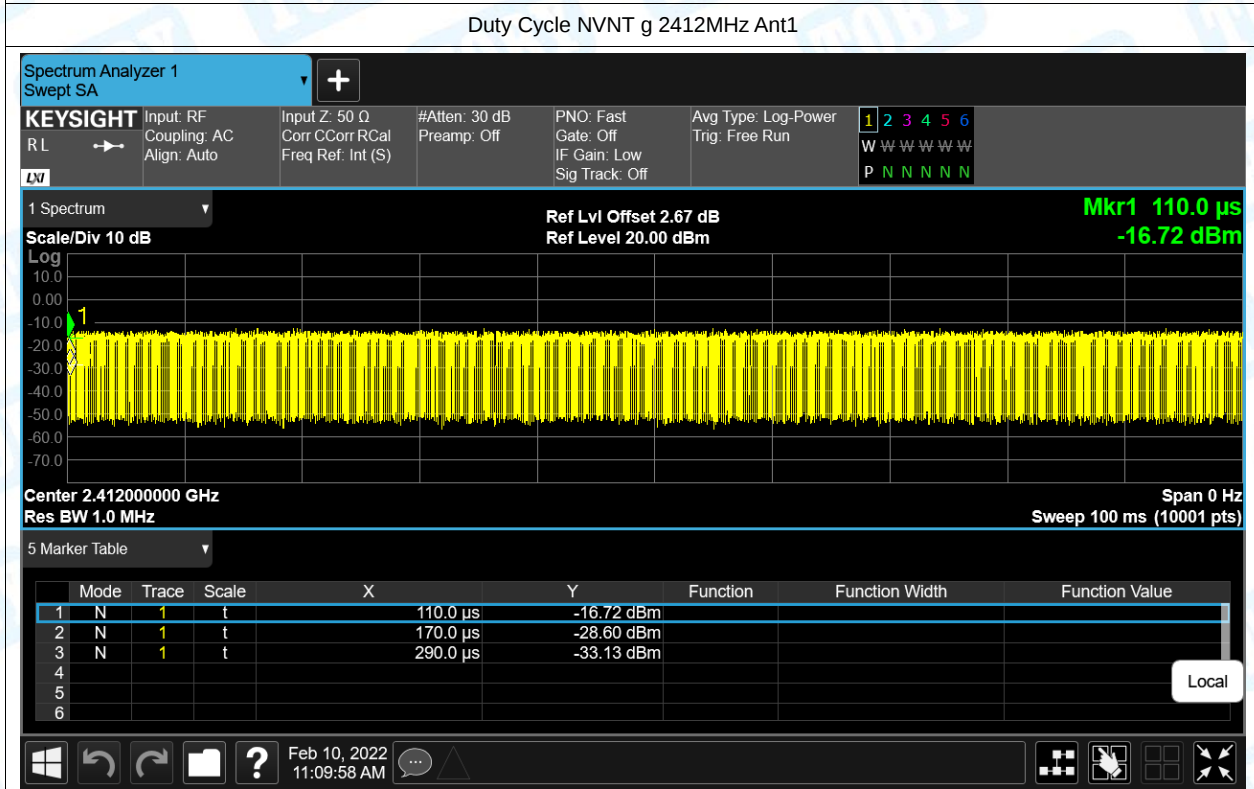
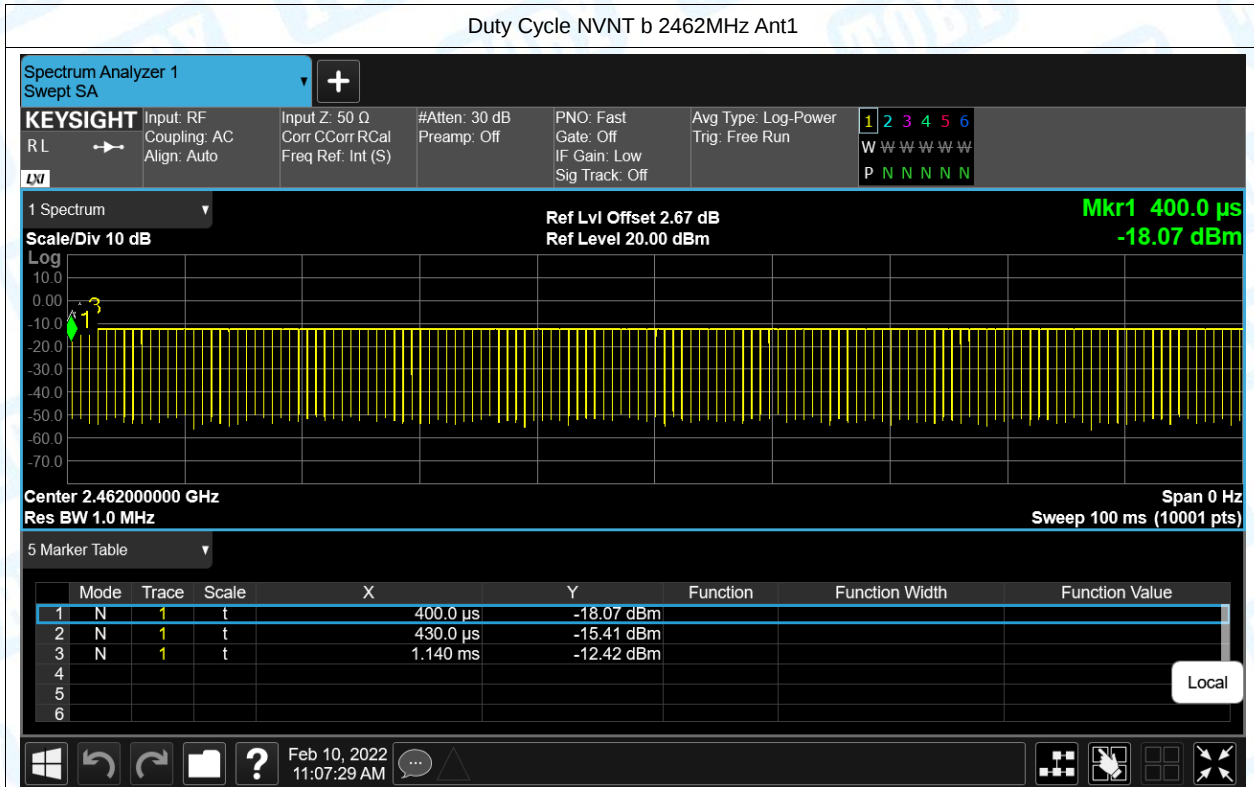
(Conducted Measurements)

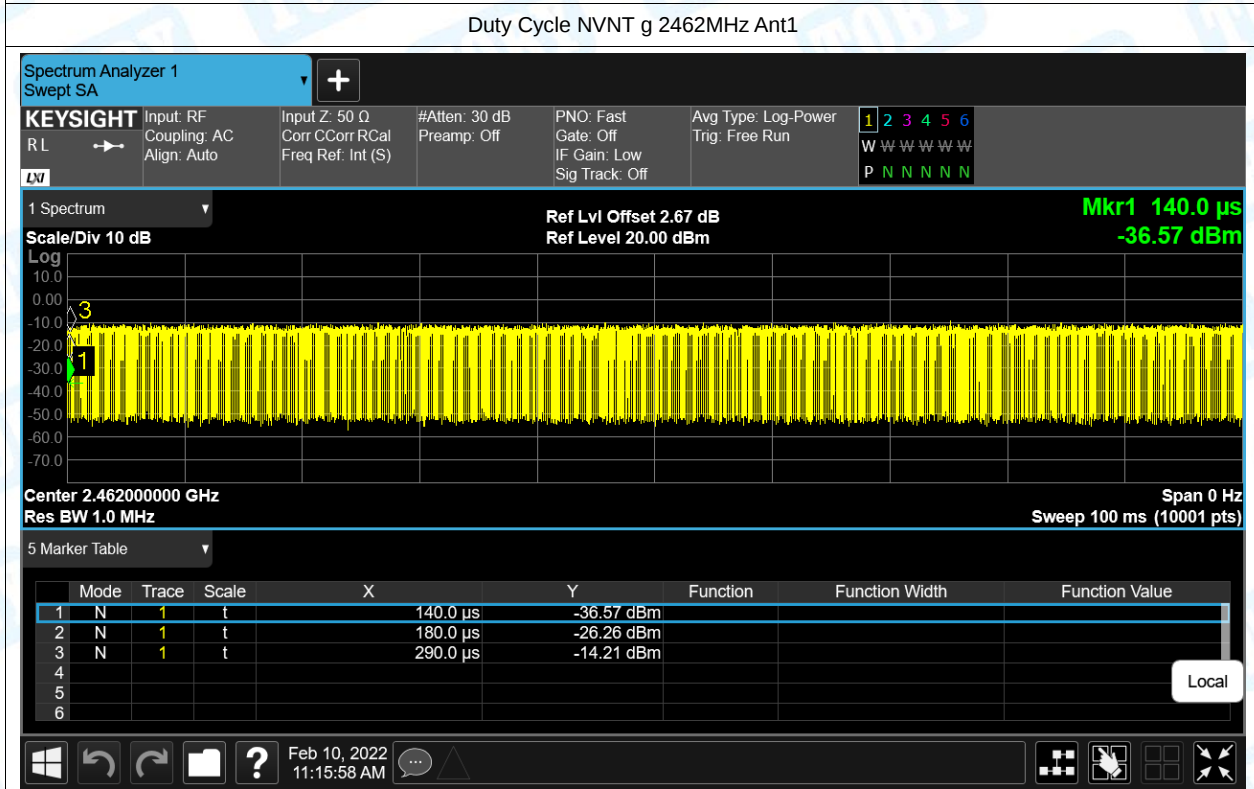
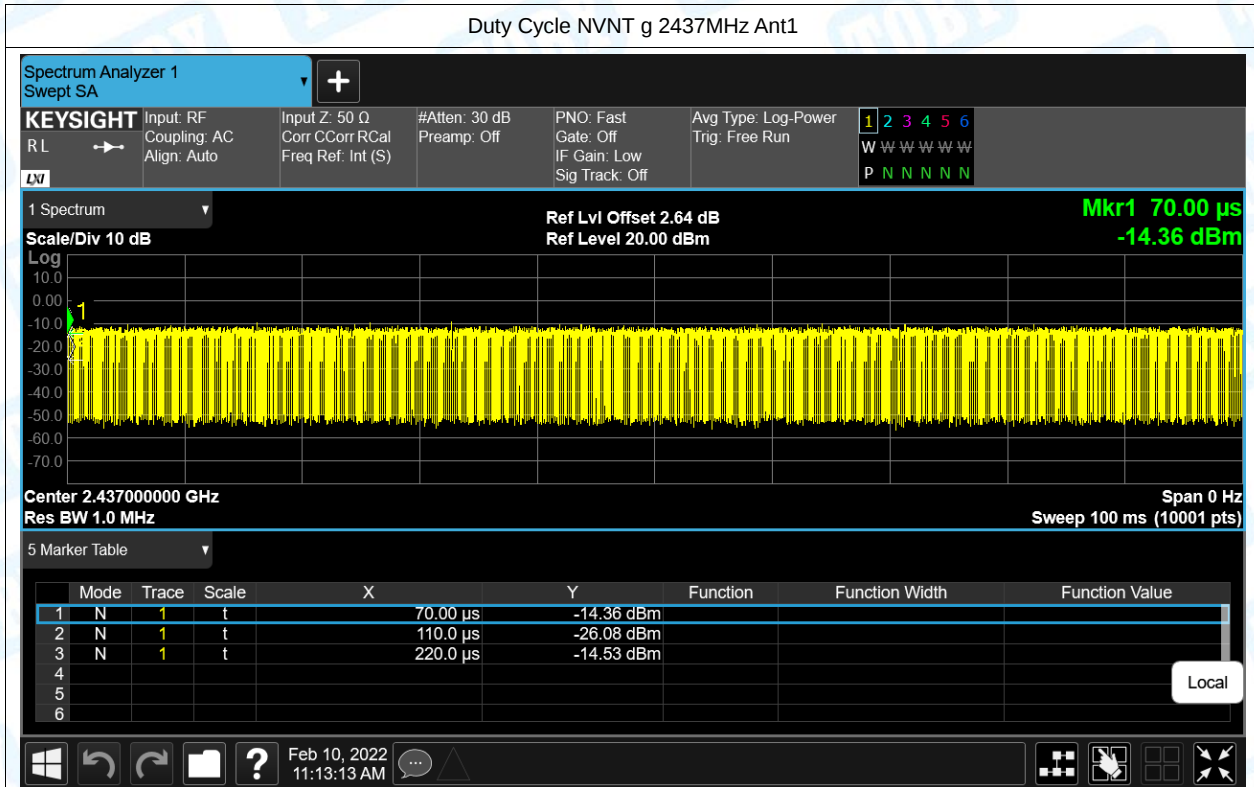
General Description of EUT	
Product Name:	Tablet PC
Test Model:	ZB10
Sample ID:	RW-C-202202-0073-1-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.8V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0073-11	

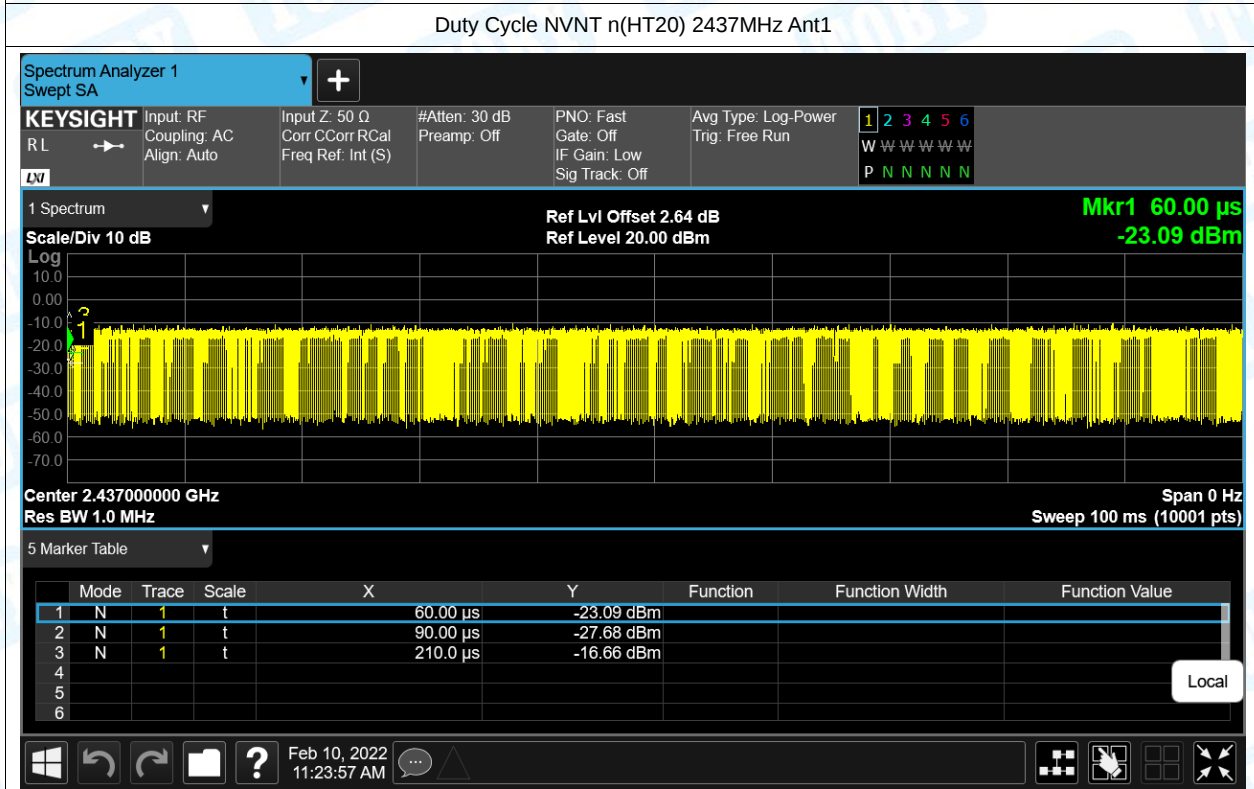
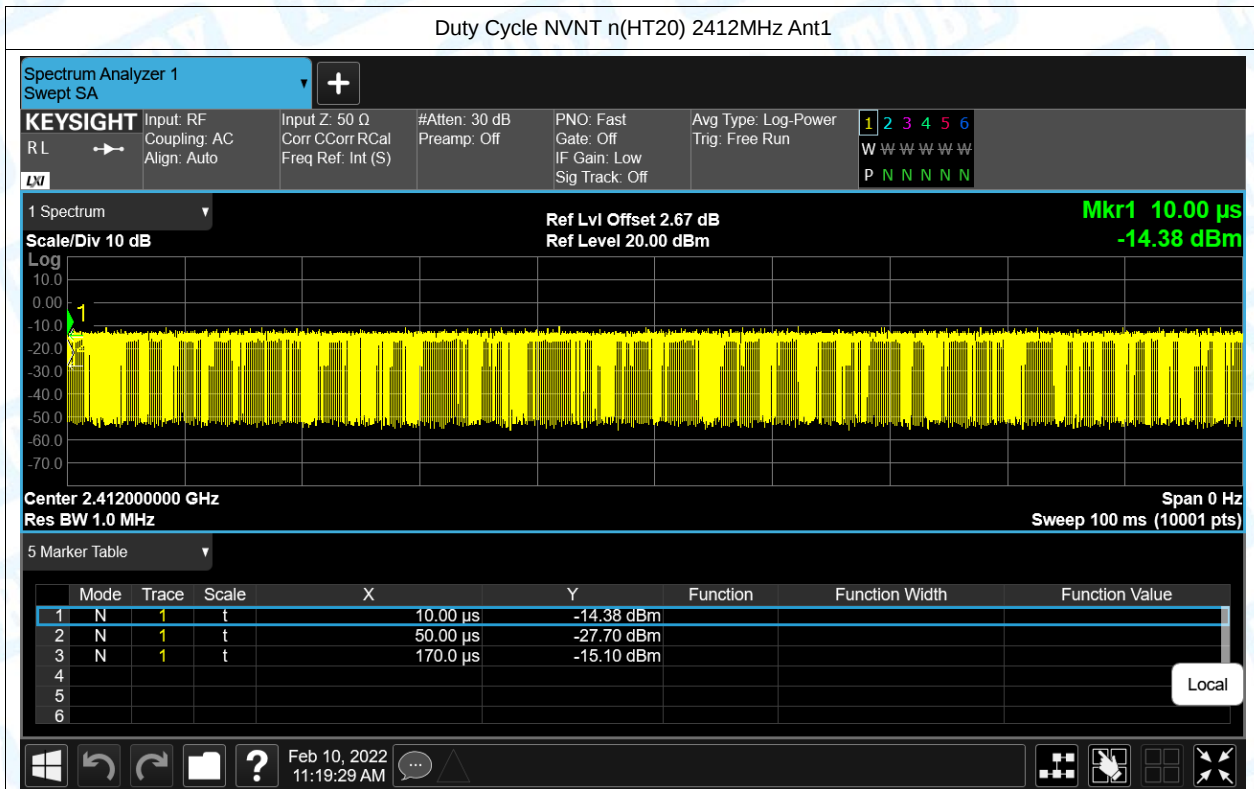
1. Duty Cycle

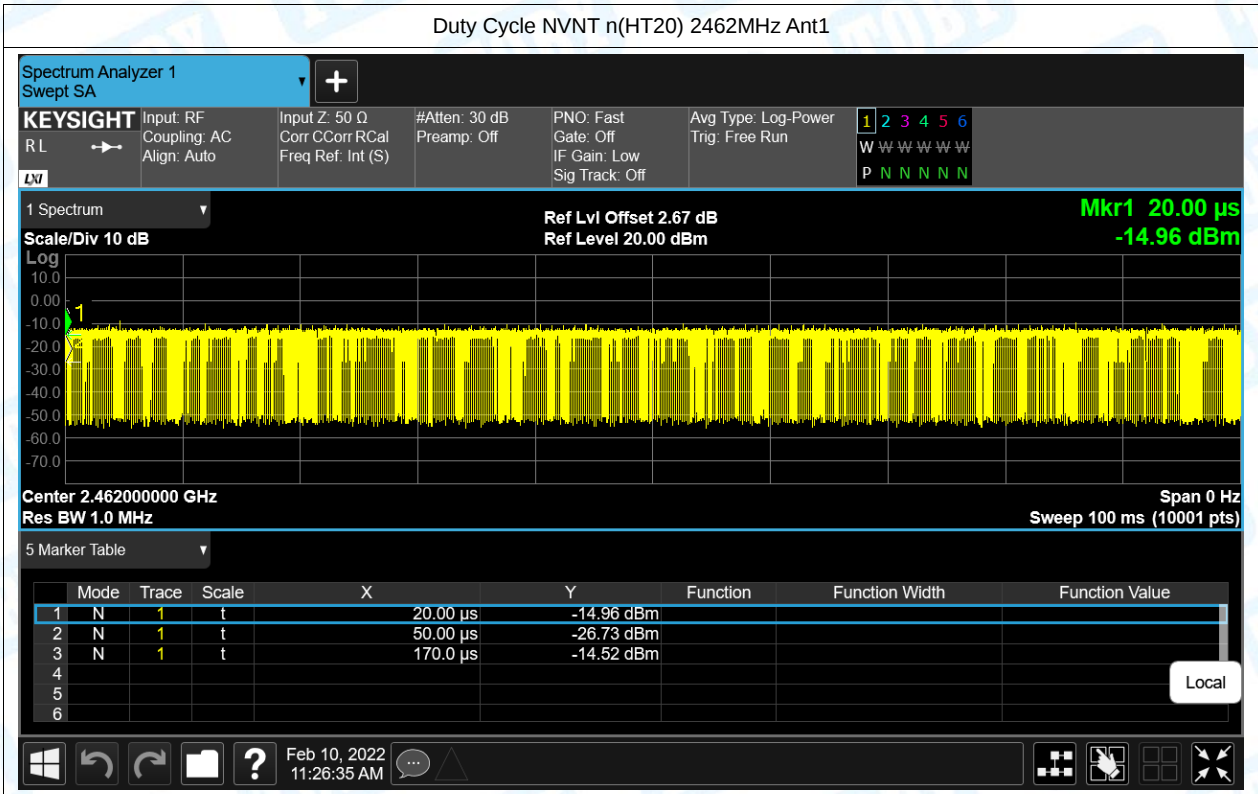
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	96.44	0.16	1.41
NVNT	b	2437	Ant1	96.5	0.15	1.43
NVNT	b	2462	Ant1	96.45	0.16	1.41
NVNT	g	2412	Ant1	80.62	0.94	8.33
NVNT	g	2437	Ant1	80.88	0.92	9.09
NVNT	g	2462	Ant1	80.58	0.94	9.09
NVNT	n(HT20)	2412	Ant1	81.45	0.89	8.33
NVNT	n(HT20)	2437	Ant1	81.55	0.89	8.33
NVNT	n(HT20)	2462	Ant1	81.64	0.88	8.33











2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-5.392	30	Pass
NVNT	b	2437	Ant1	-5.594	30	Pass
NVNT	b	2462	Ant1	-4.824	30	Pass
NVNT	g	2412	Ant1	3.184	30	Pass
NVNT	g	2437	Ant1	3.252	30	Pass
NVNT	g	2462	Ant1	3.826	30	Pass
NVNT	n(HT20)	2412	Ant1	2.095	30	Pass
NVNT	n(HT20)	2437	Ant1	2.106	30	Pass
NVNT	n(HT20)	2462	Ant1	2.75	30	Pass

3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.12	0.5	Pass
NVNT	b	2437	Ant1	9.07	0.5	Pass
NVNT	b	2462	Ant1	9.33	0.5	Pass
NVNT	g	2412	Ant1	16.34	0.5	Pass
NVNT	g	2437	Ant1	16.36	0.5	Pass
NVNT	g	2462	Ant1	16.33	0.5	Pass
NVNT	n(HT20)	2412	Ant1	17.55	0.5	Pass
NVNT	n(HT20)	2437	Ant1	17.57	0.5	Pass
NVNT	n(HT20)	2462	Ant1	17.29	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



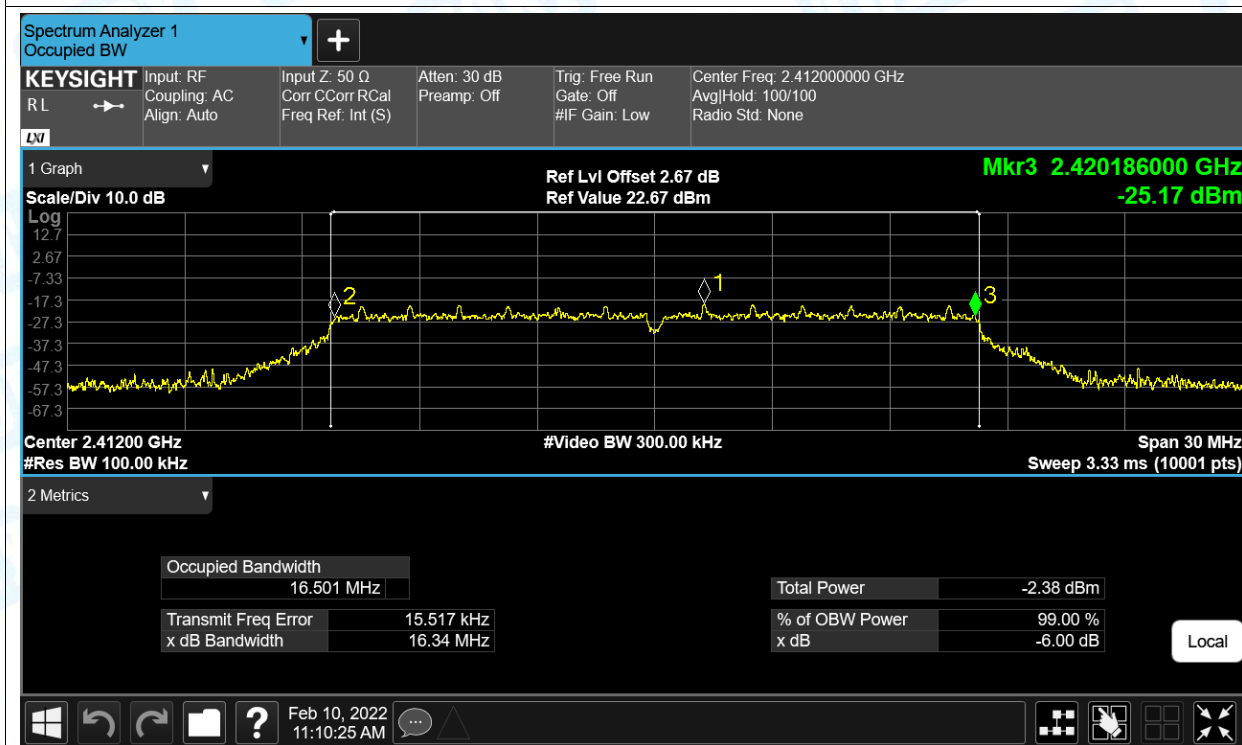
-6dB Bandwidth NVNT b 2437MHz Ant1

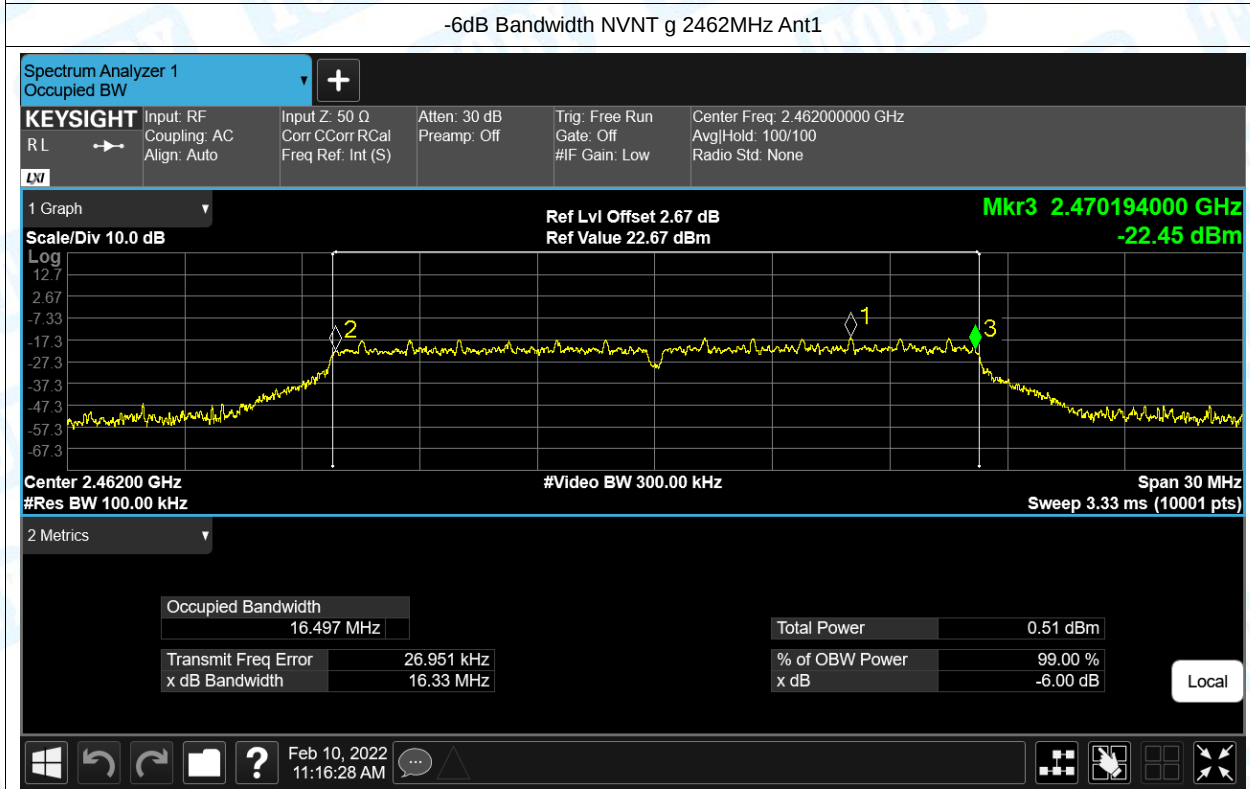
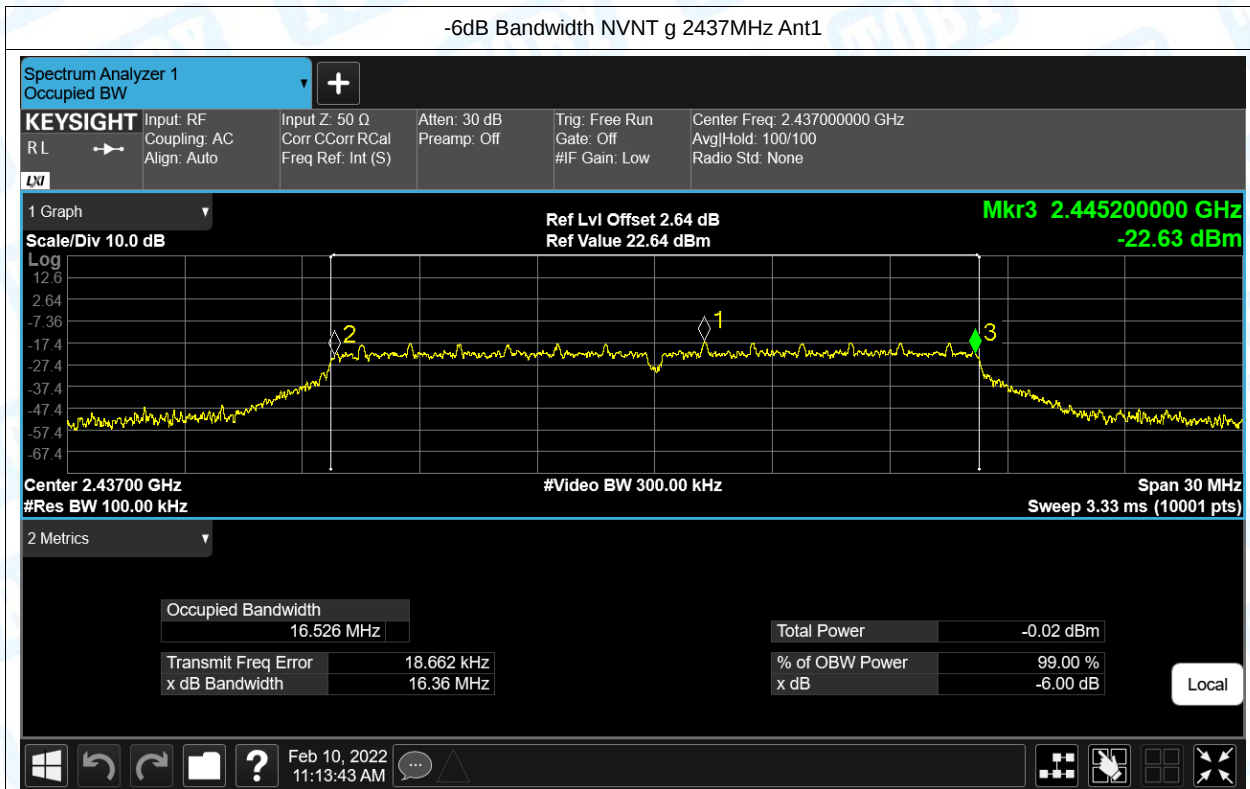


-6dB Bandwidth NVNT b 2462MHz Ant1

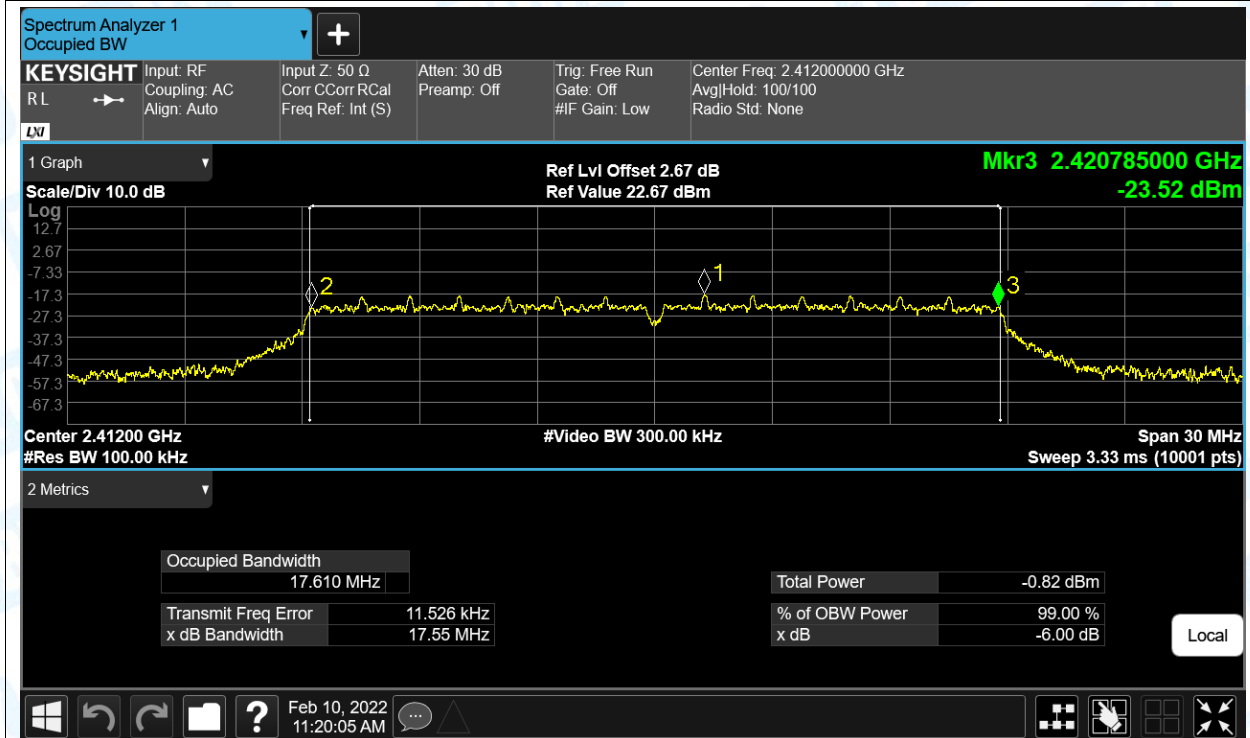


-6dB Bandwidth NVNT g 2412MHz Ant1

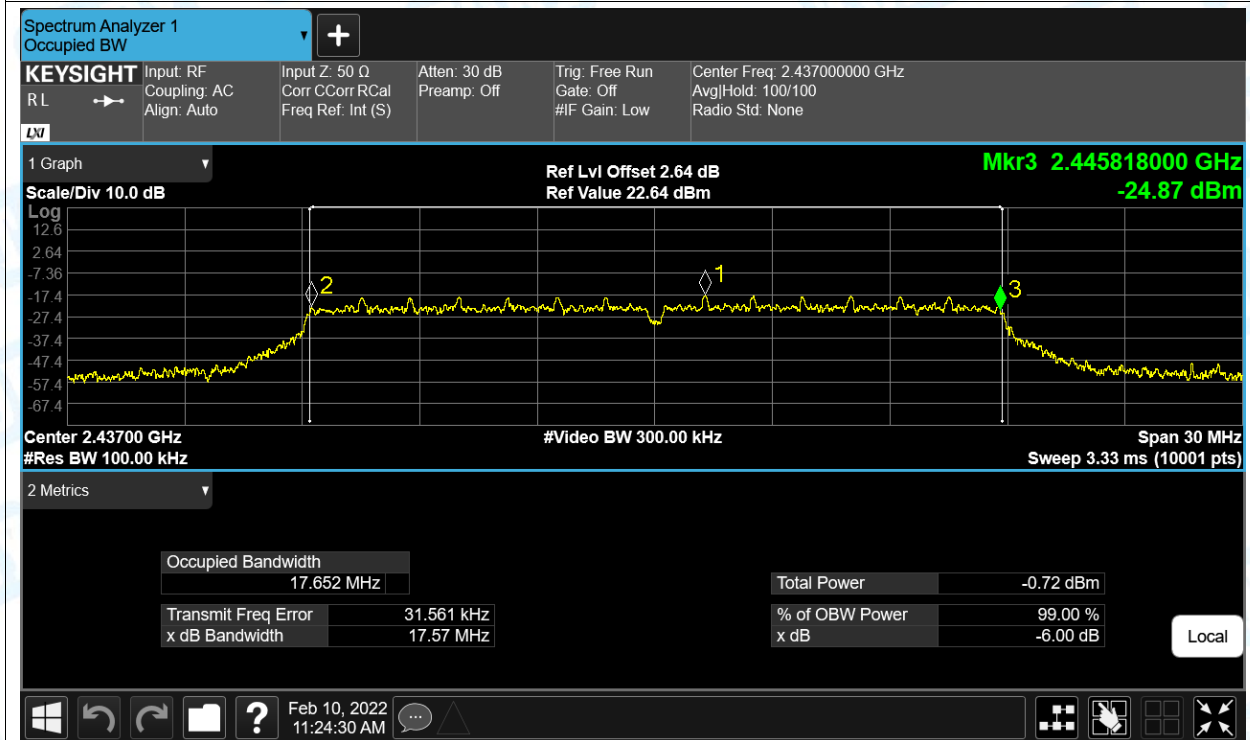


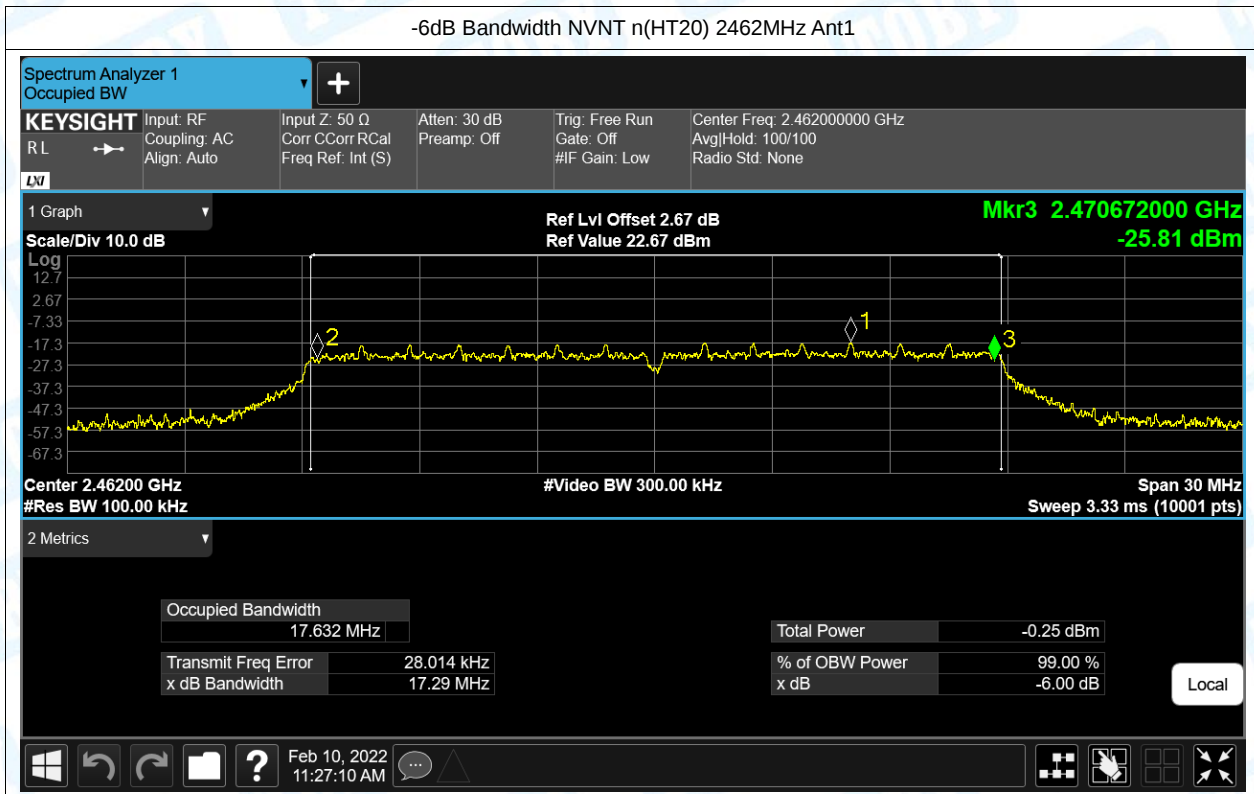


-6dB Bandwidth NVNT n(HT20) 2412MHz Ant1



-6dB Bandwidth NVNT n(HT20) 2437MHz Ant1



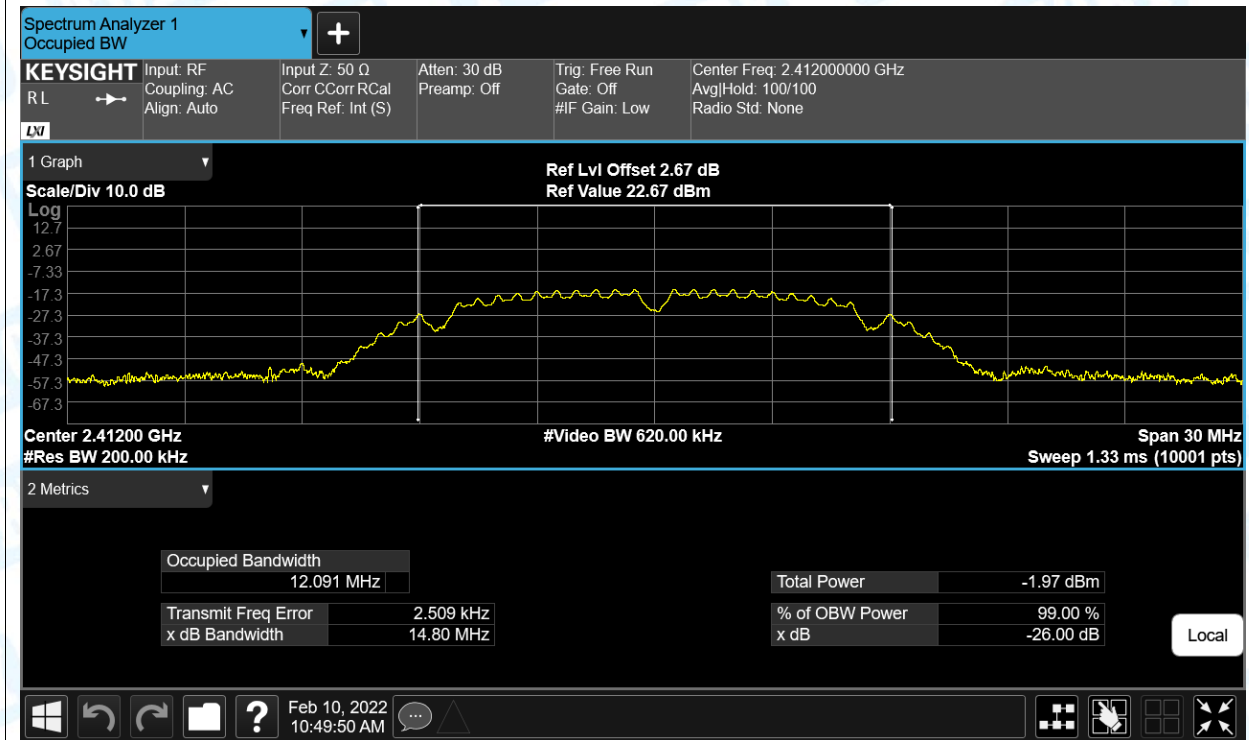


4. Occupied Channel Bandwidth

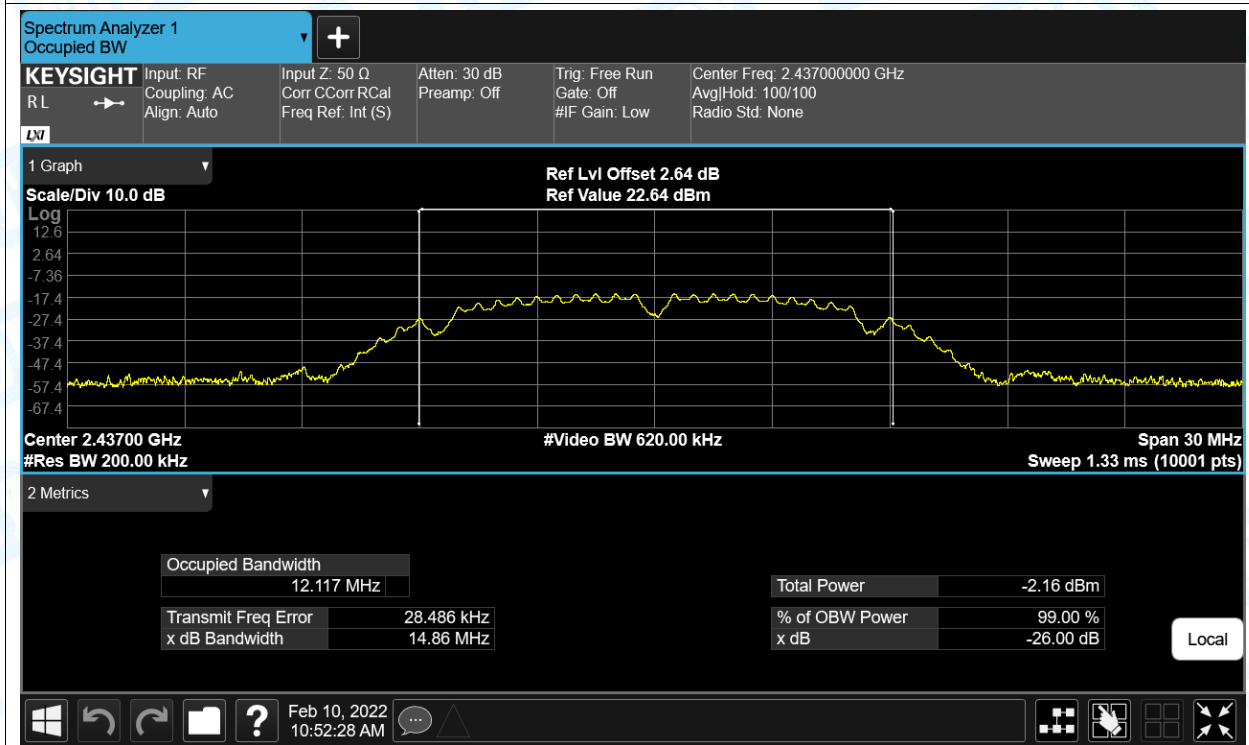
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.091
NVNT	b	2437	Ant1	12.117
NVNT	b	2462	Ant1	12.093
NVNT	g	2412	Ant1	16.777
NVNT	g	2437	Ant1	16.684
NVNT	g	2462	Ant1	16.687
NVNT	n(HT20)	2412	Ant1	17.674
NVNT	n(HT20)	2437	Ant1	17.728
NVNT	n(HT20)	2462	Ant1	17.724

Test Graphs

OBW NVNT b 2412MHz Ant1



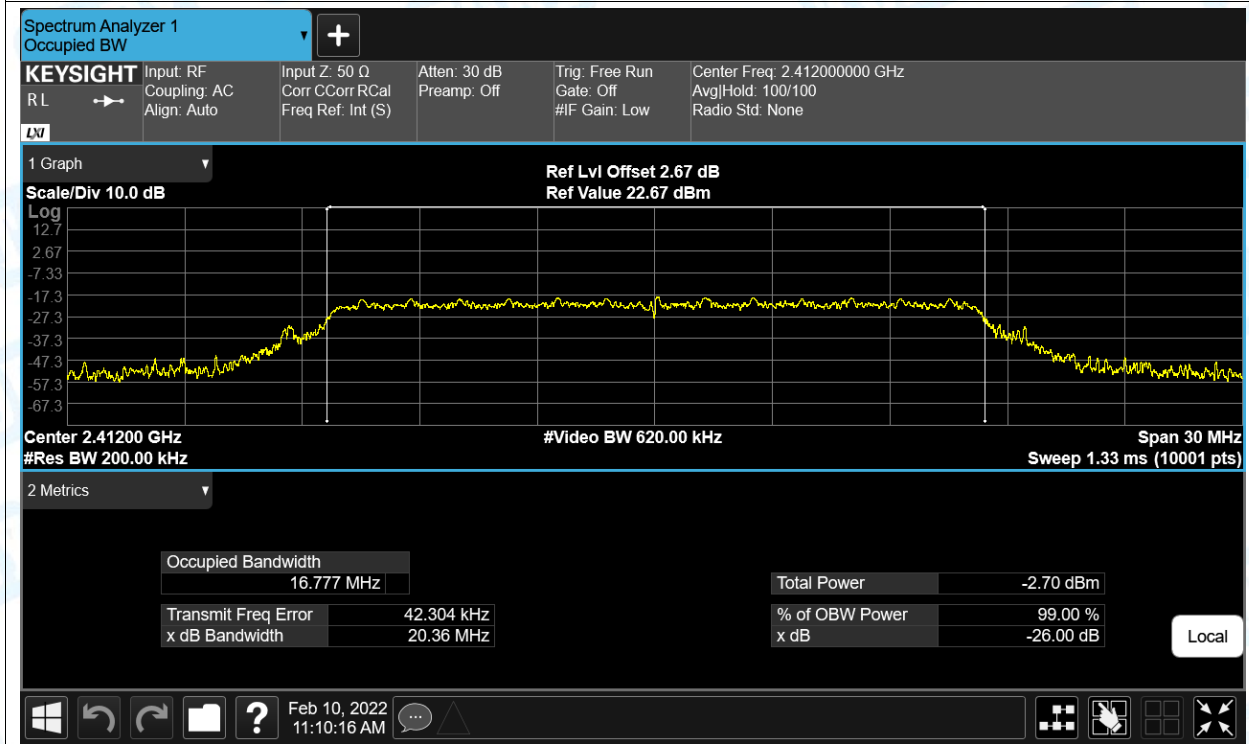
OBW NVNT b 2437MHz Ant1



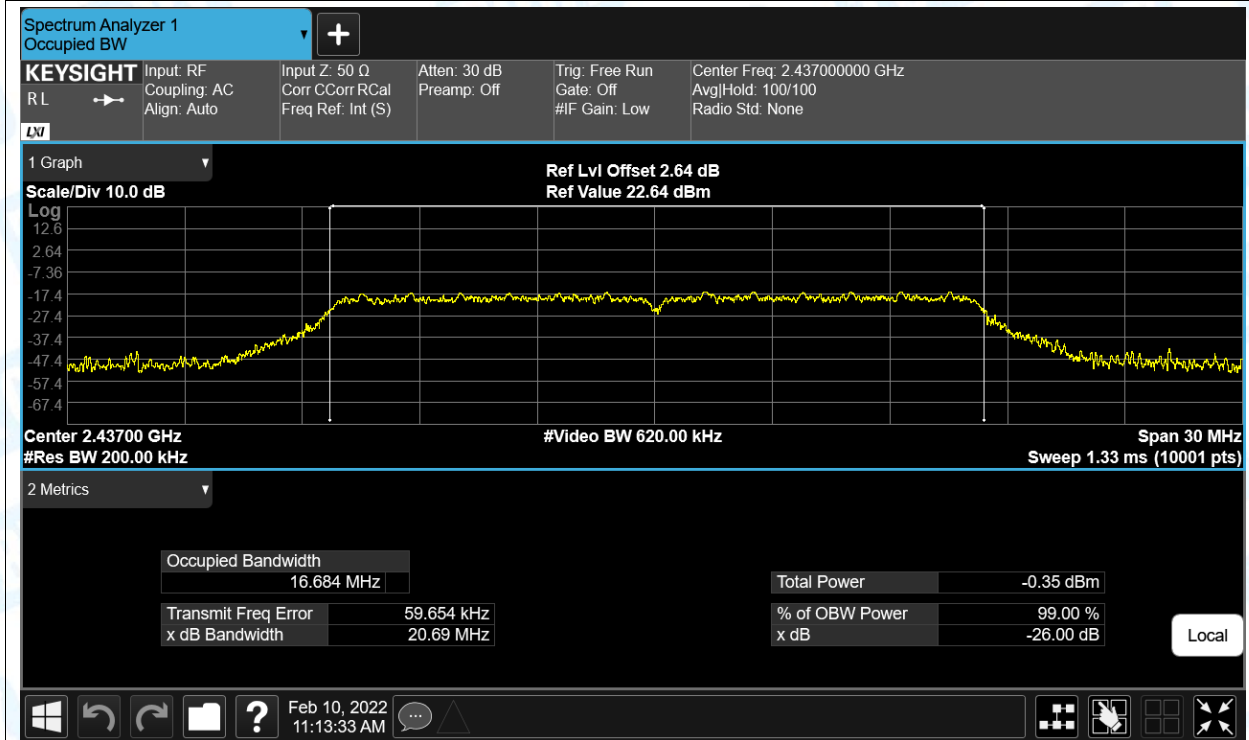
OBW NVNT b 2462MHz Ant1



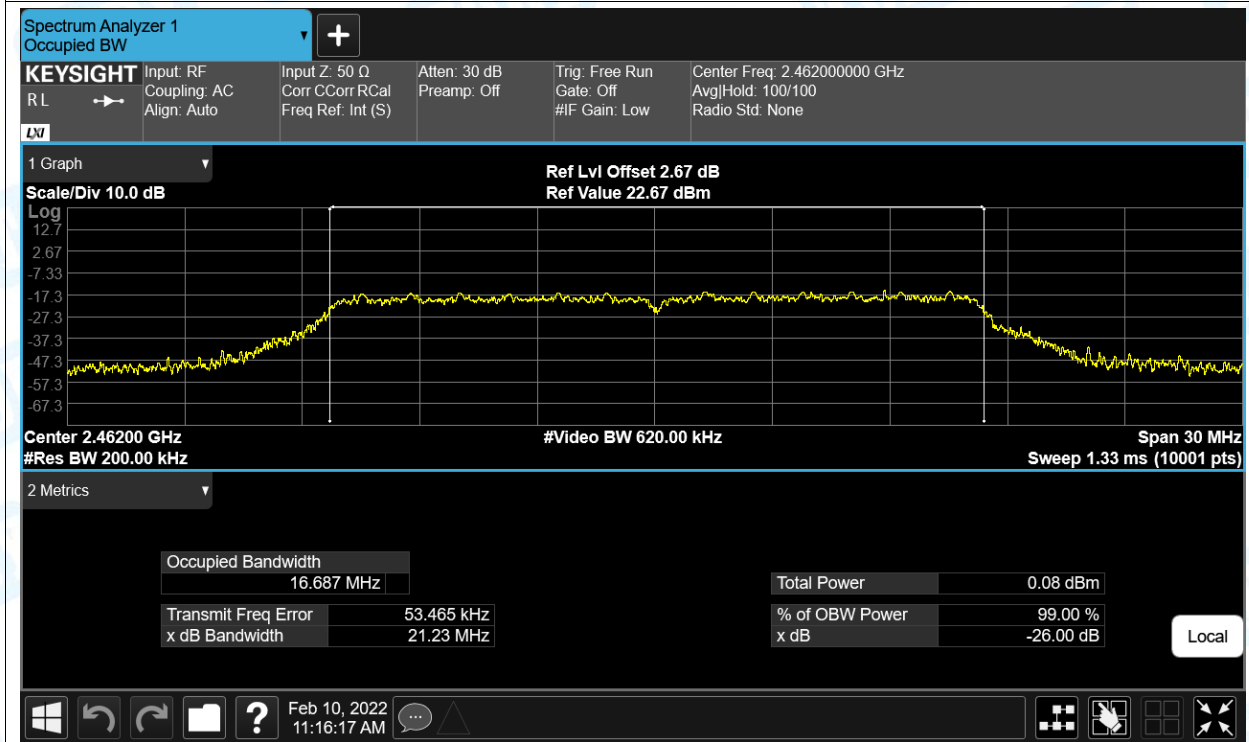
OBW NVNT g 2412MHz Ant1



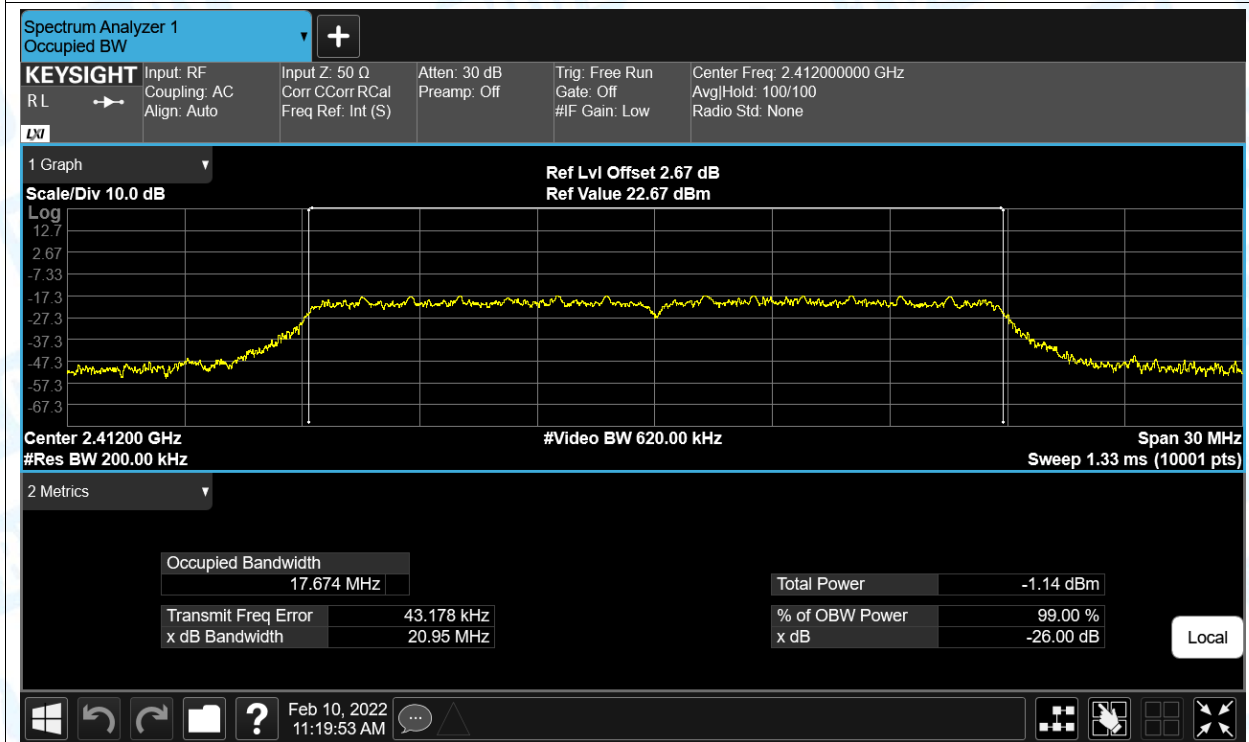
OBW NVNT g 2437MHz Ant1



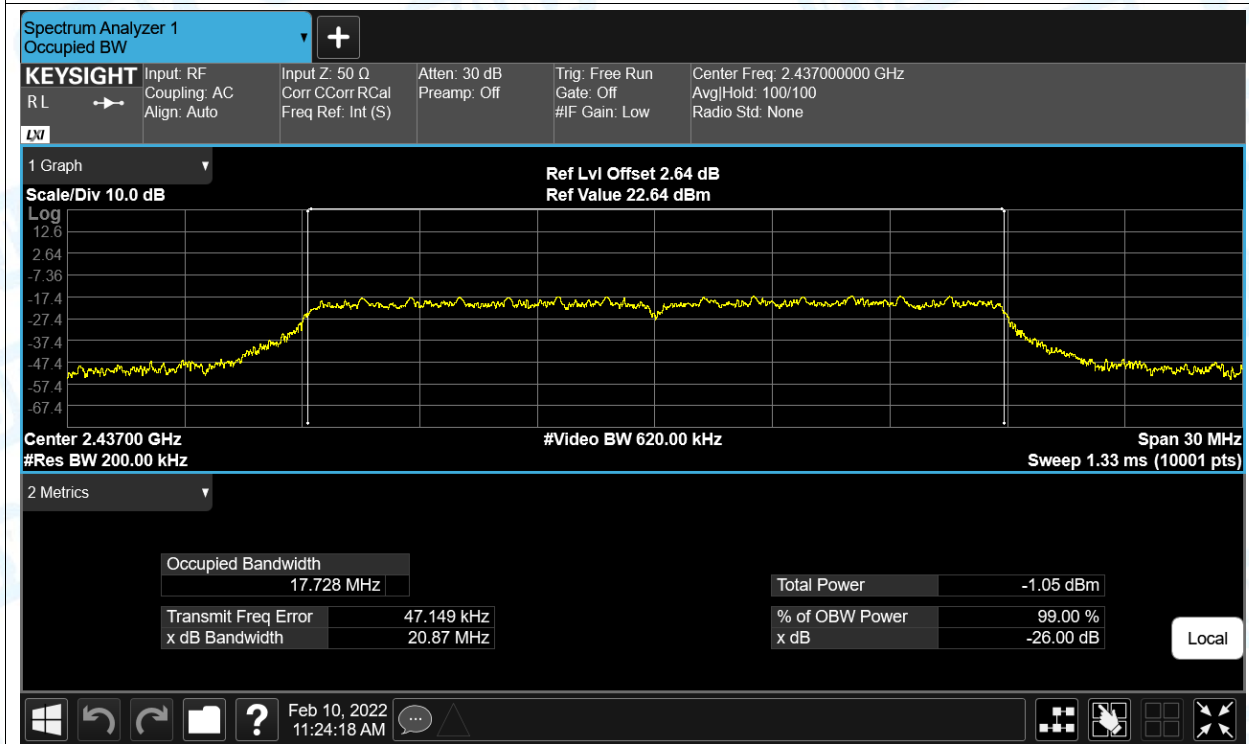
OBW NVNT g 2462MHz Ant1

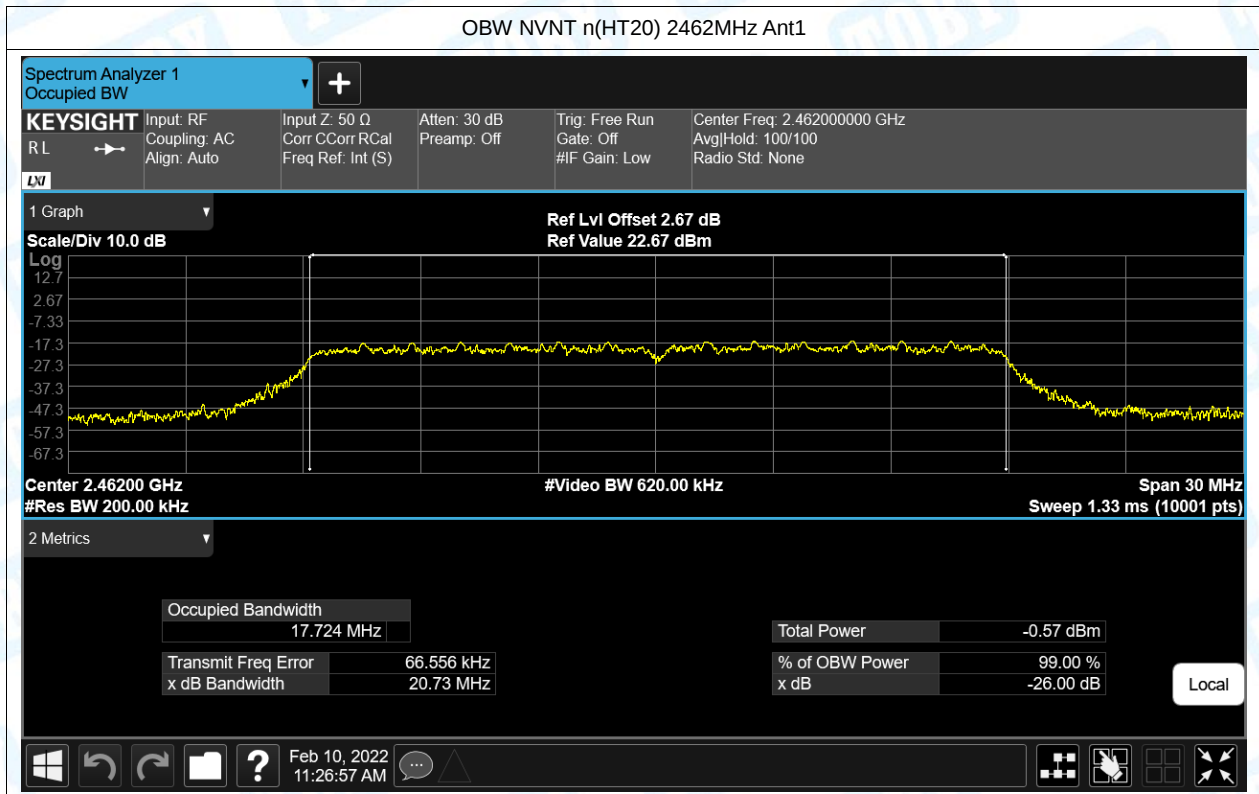


OBW NVNT n(HT20) 2412MHz Ant1



OBW NVNT n(HT20) 2437MHz Ant1





5. Maximum Power Spectral Density Level

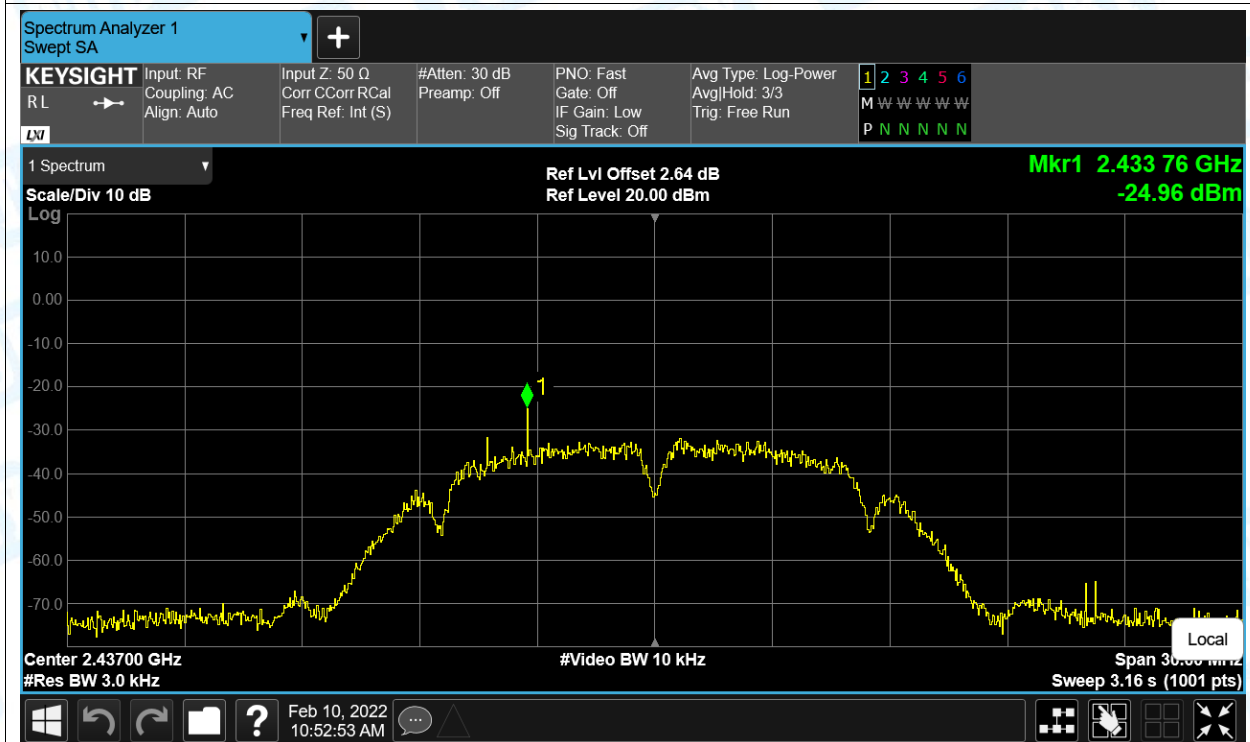
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-28.385	8	Pass
NVNT	b	2437	Ant1	-24.96	8	Pass
NVNT	b	2462	Ant1	-23.437	8	Pass
NVNT	g	2412	Ant1	-27.864	8	Pass
NVNT	g	2437	Ant1	-27.59	8	Pass
NVNT	g	2462	Ant1	-26.627	8	Pass
NVNT	n(HT20)	2412	Ant1	-28.619	8	Pass
NVNT	n(HT20)	2437	Ant1	-26.786	8	Pass
NVNT	n(HT20)	2462	Ant1	-26.22	8	Pass

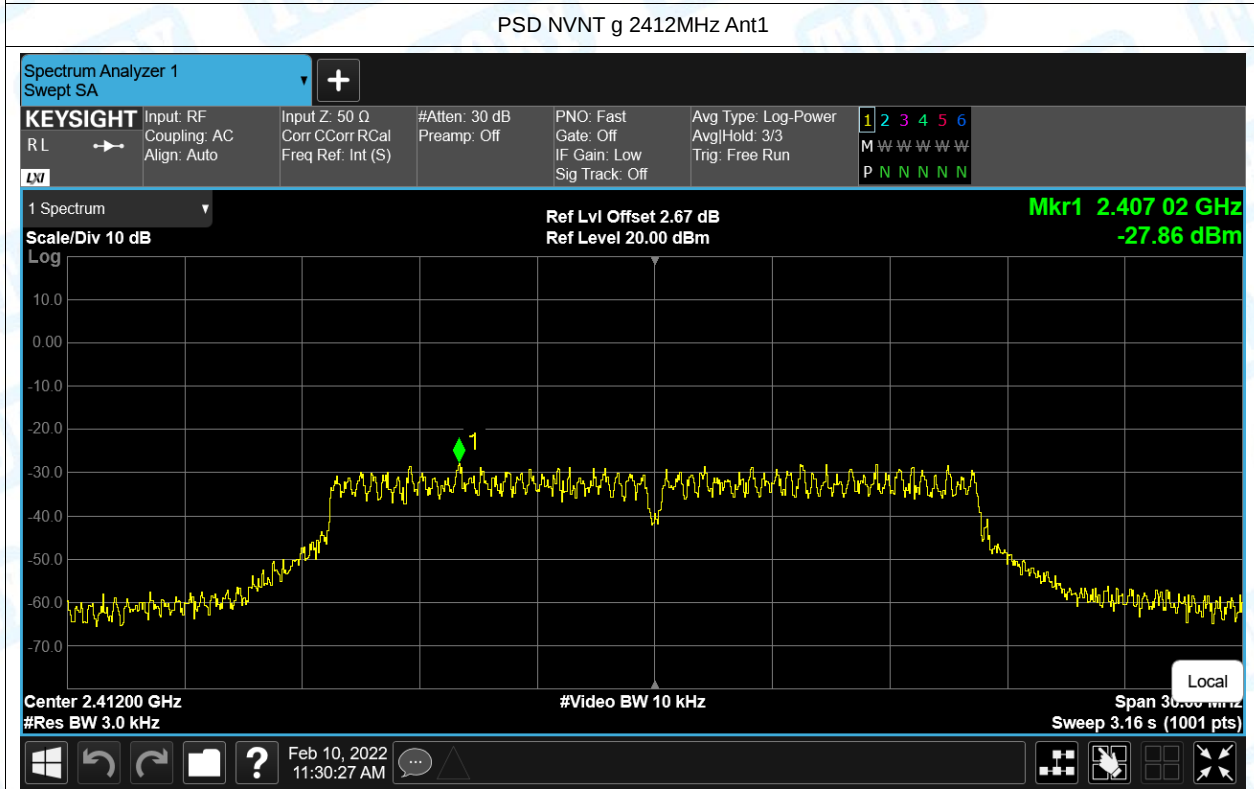
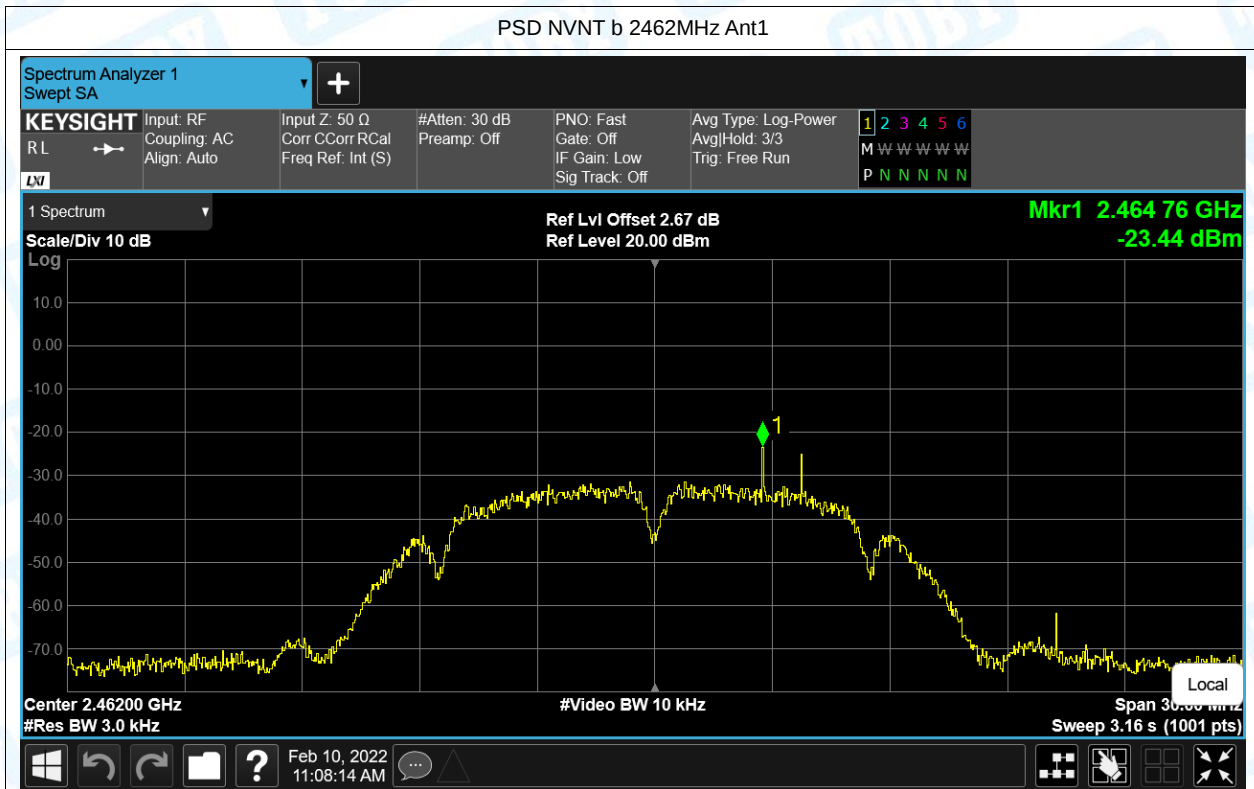
Test Graphs

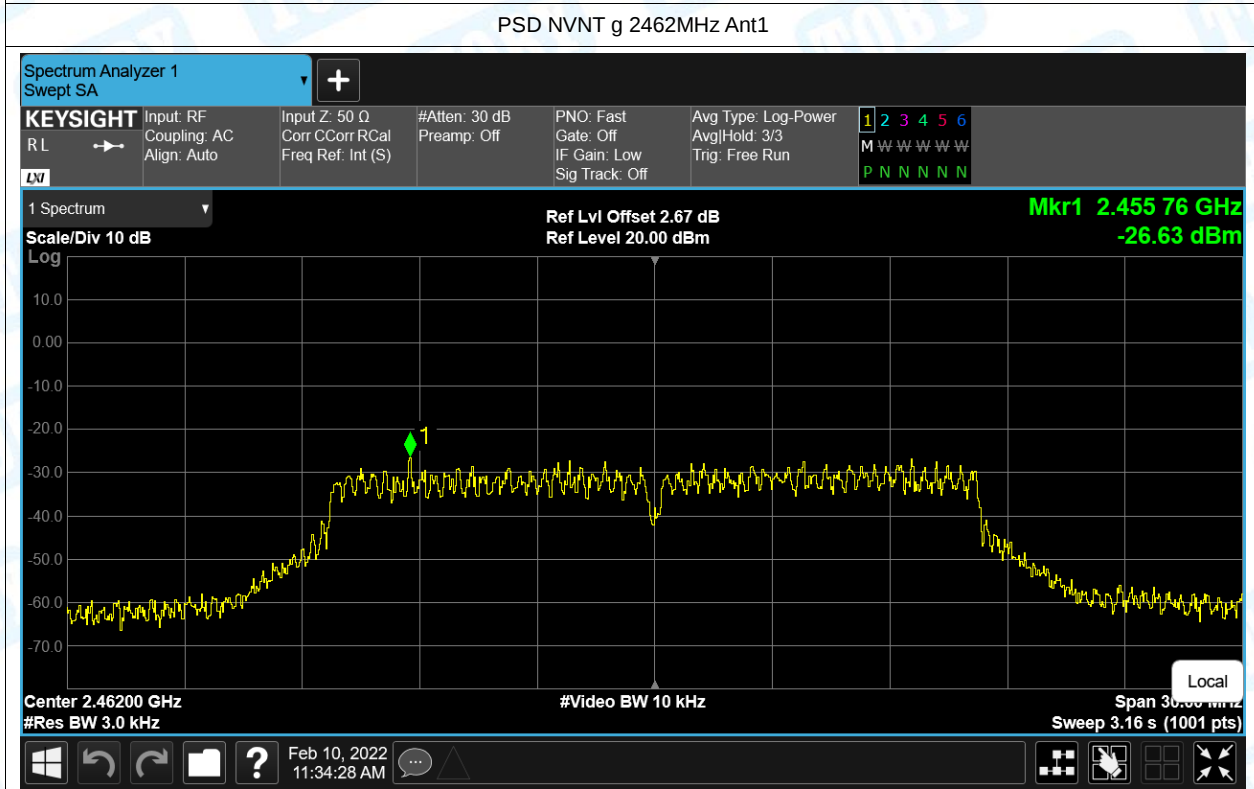
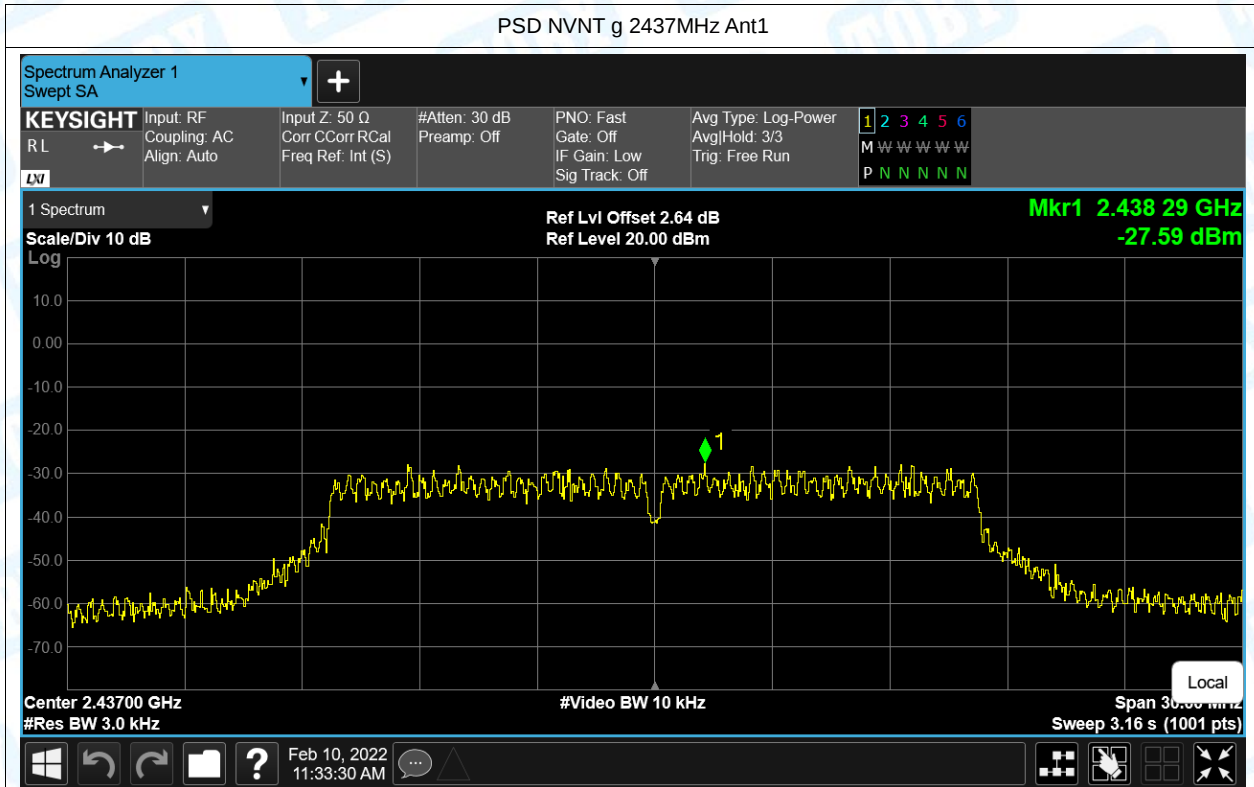
PSD NVNT b 2412MHz Ant1

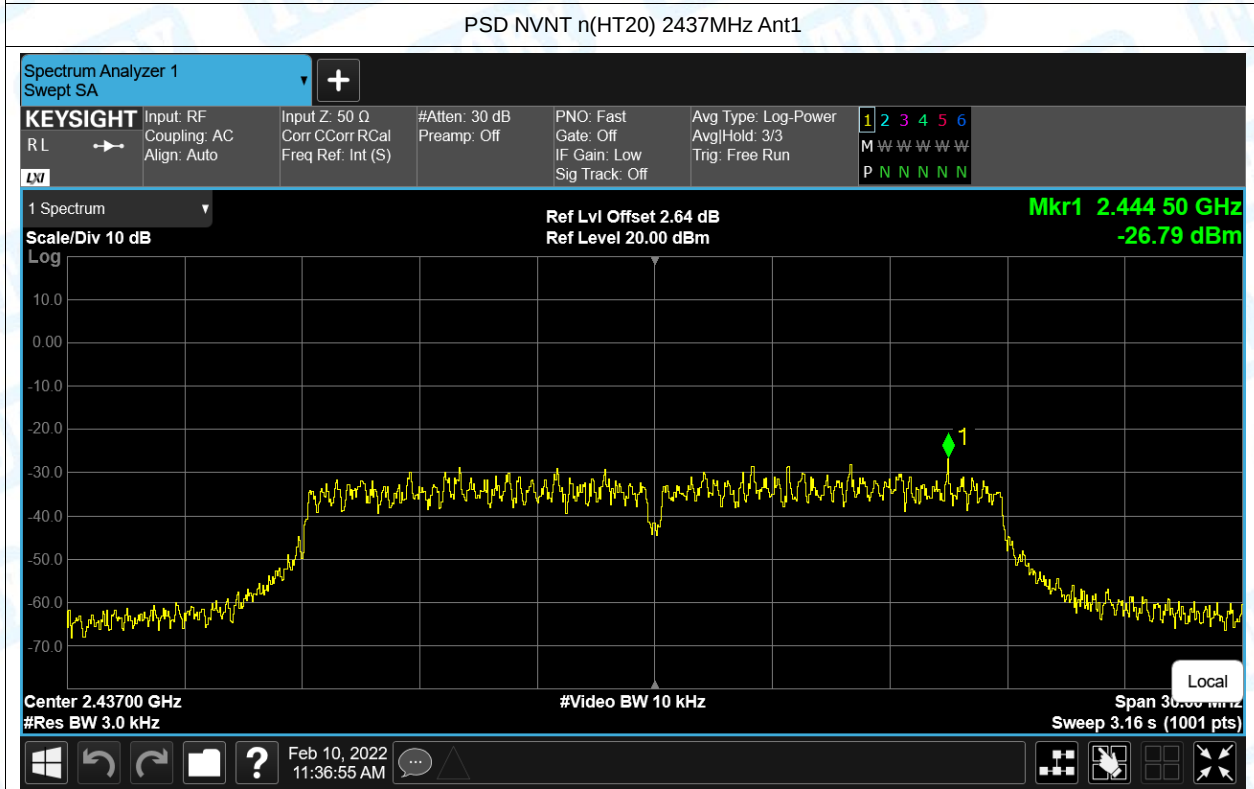
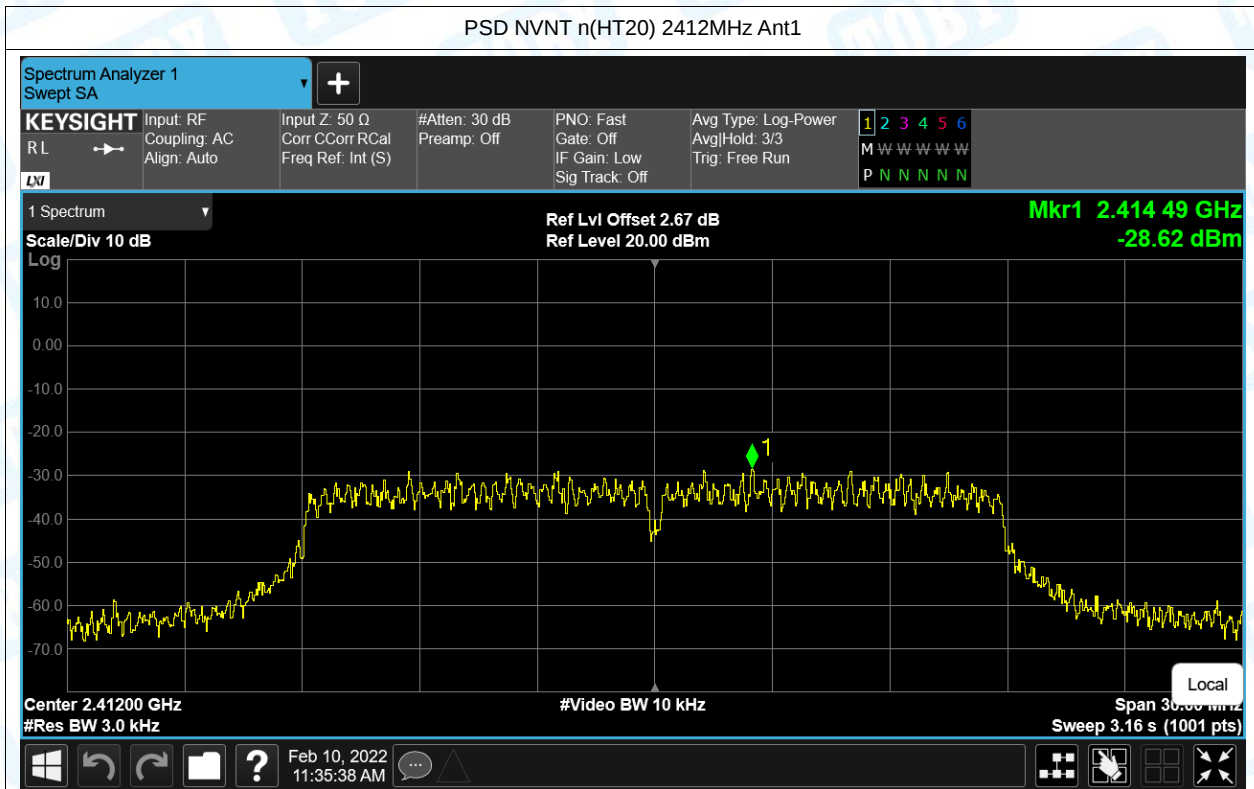


PSD NVNT b 2437MHz Ant1







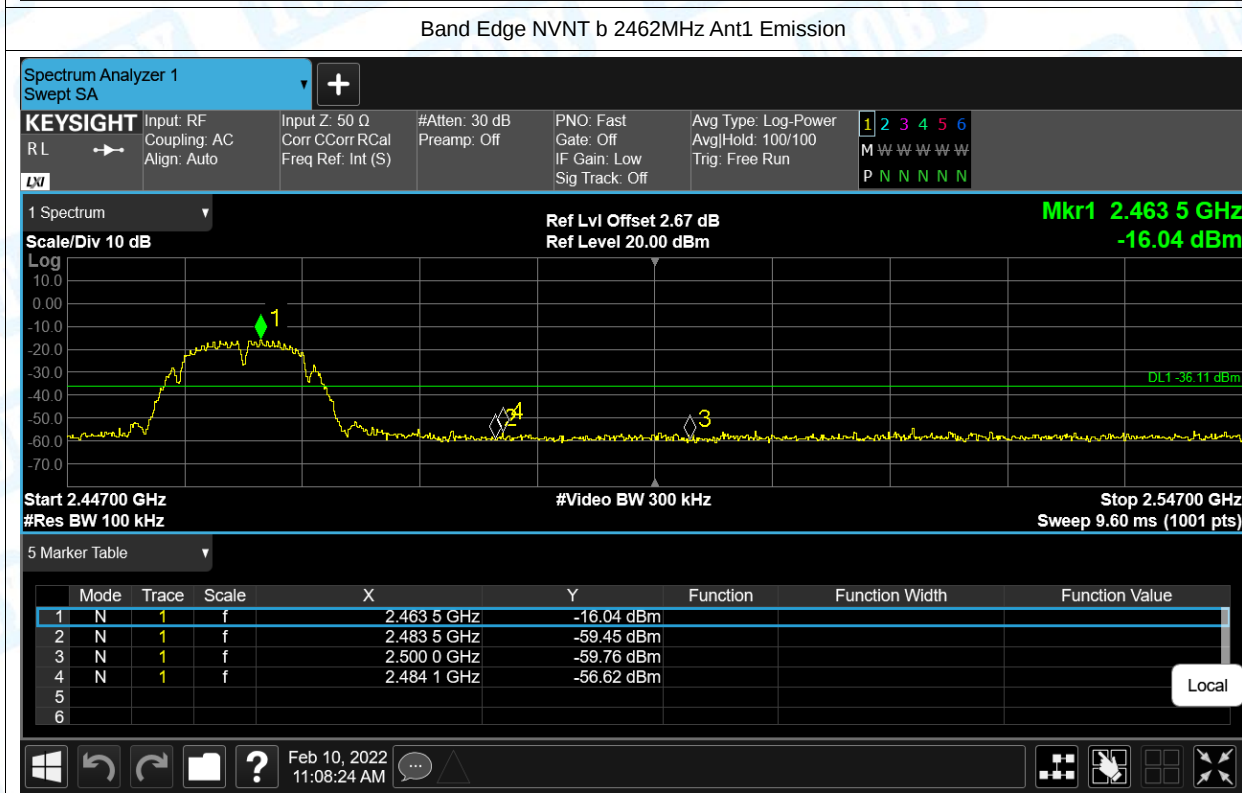
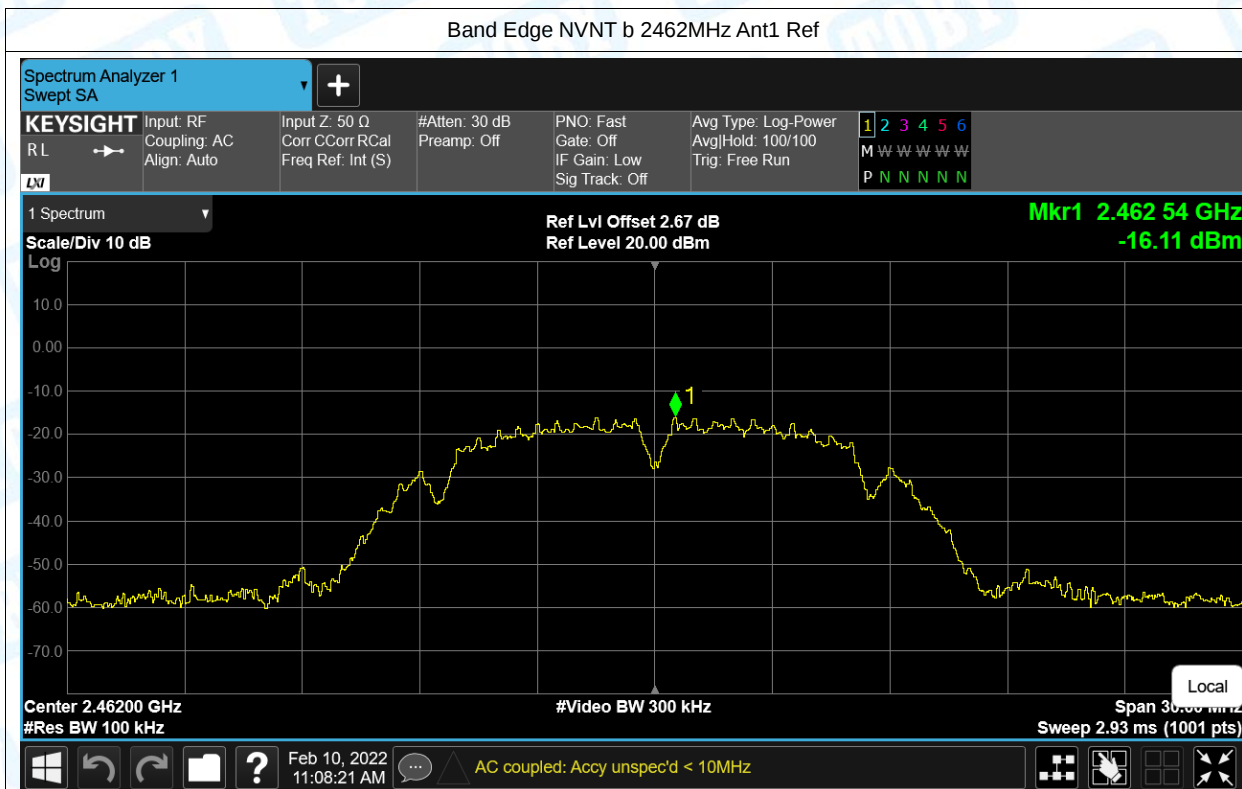


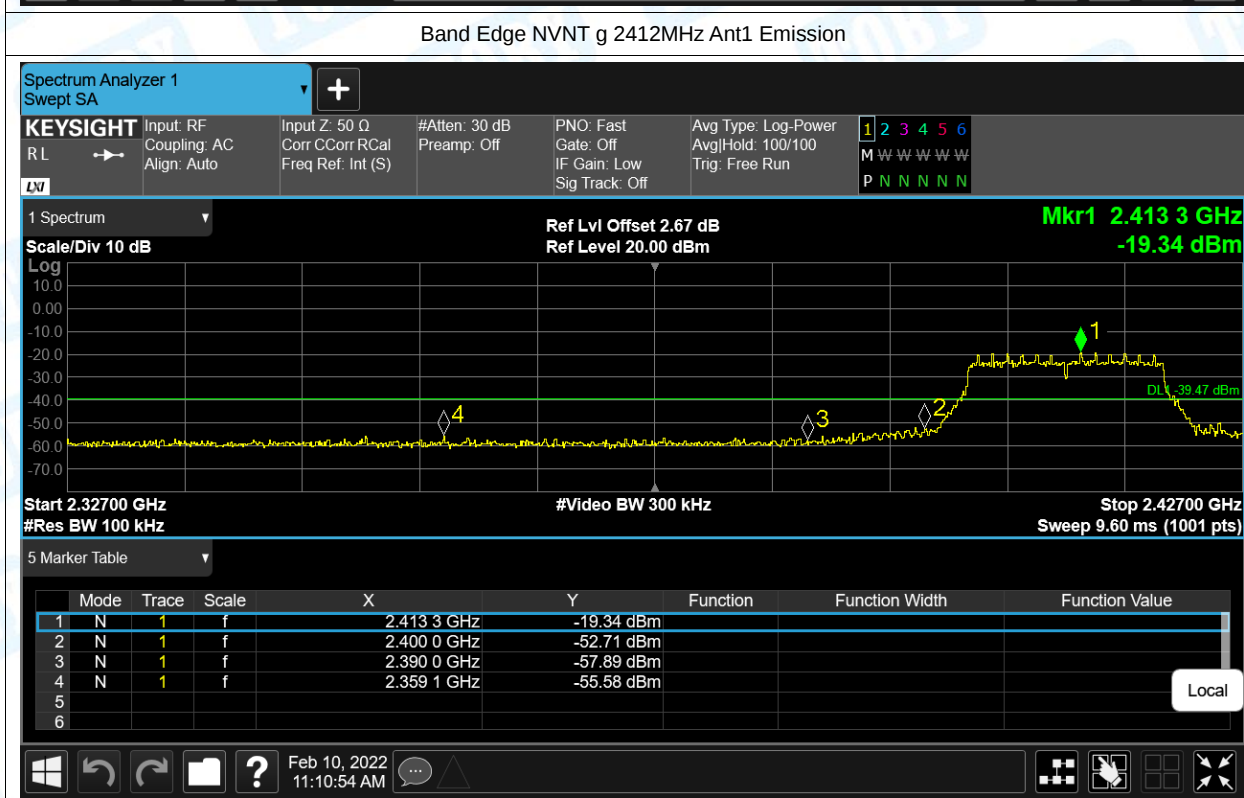


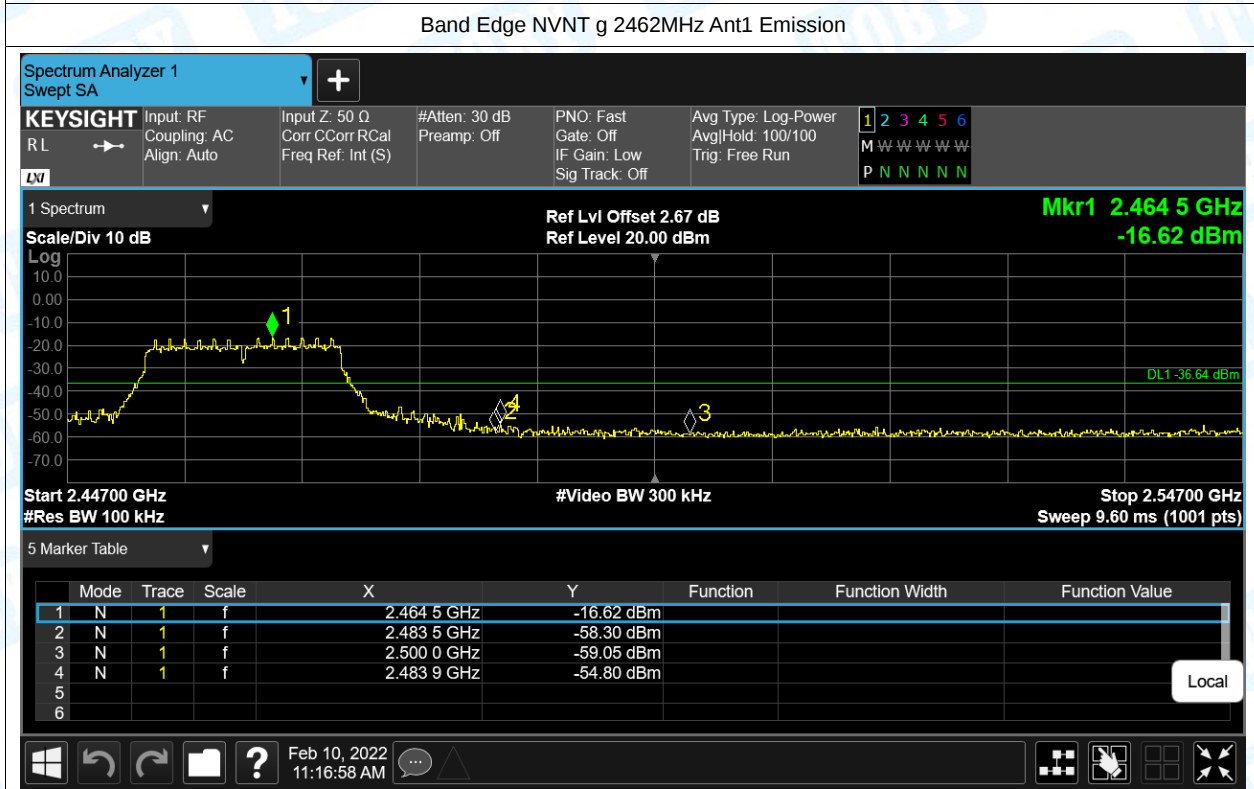
6. Band Edge

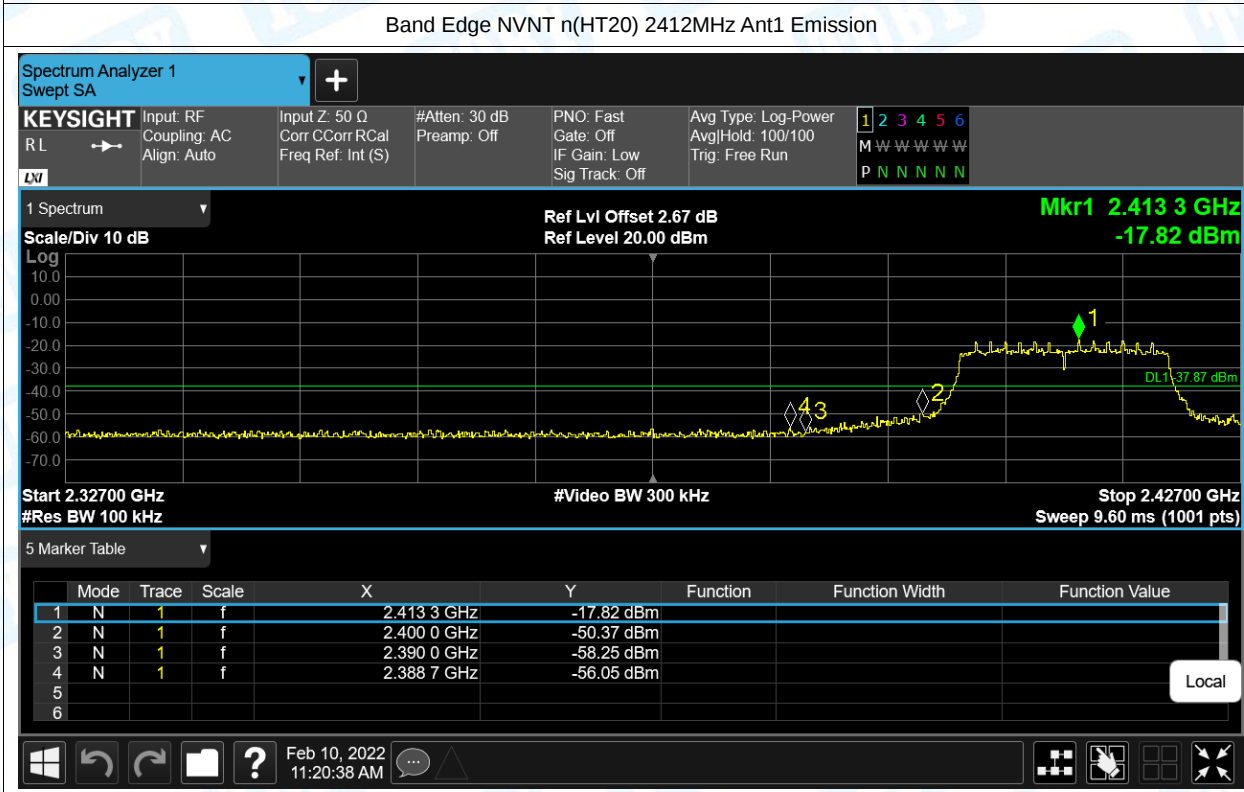
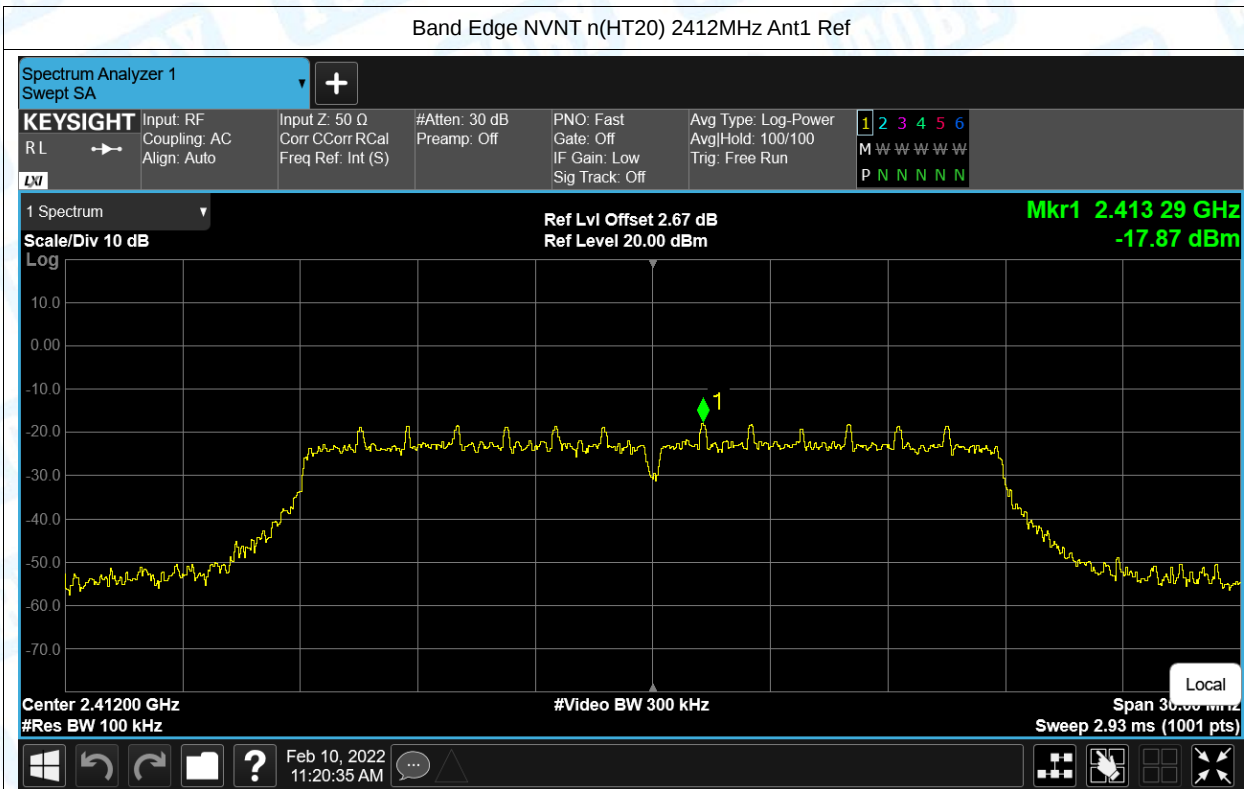
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.33	-20	Pass
NVNT	b	2462	Ant1	-40.51	-20	Pass
NVNT	g	2412	Ant1	-36.11	-20	Pass
NVNT	g	2462	Ant1	-38.16	-20	Pass
NVNT	n(HT20)	2412	Ant1	-38.18	-20	Pass
NVNT	n(HT20)	2462	Ant1	-37.75	-20	Pass

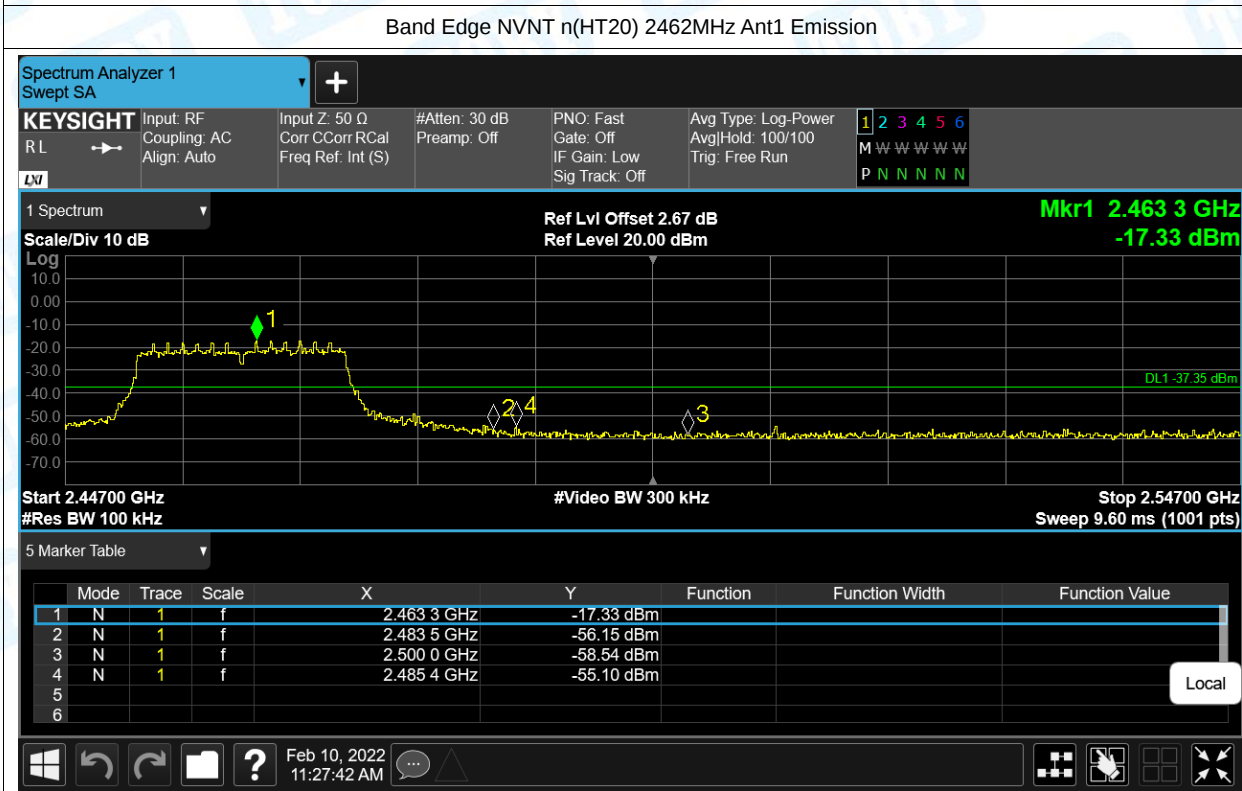
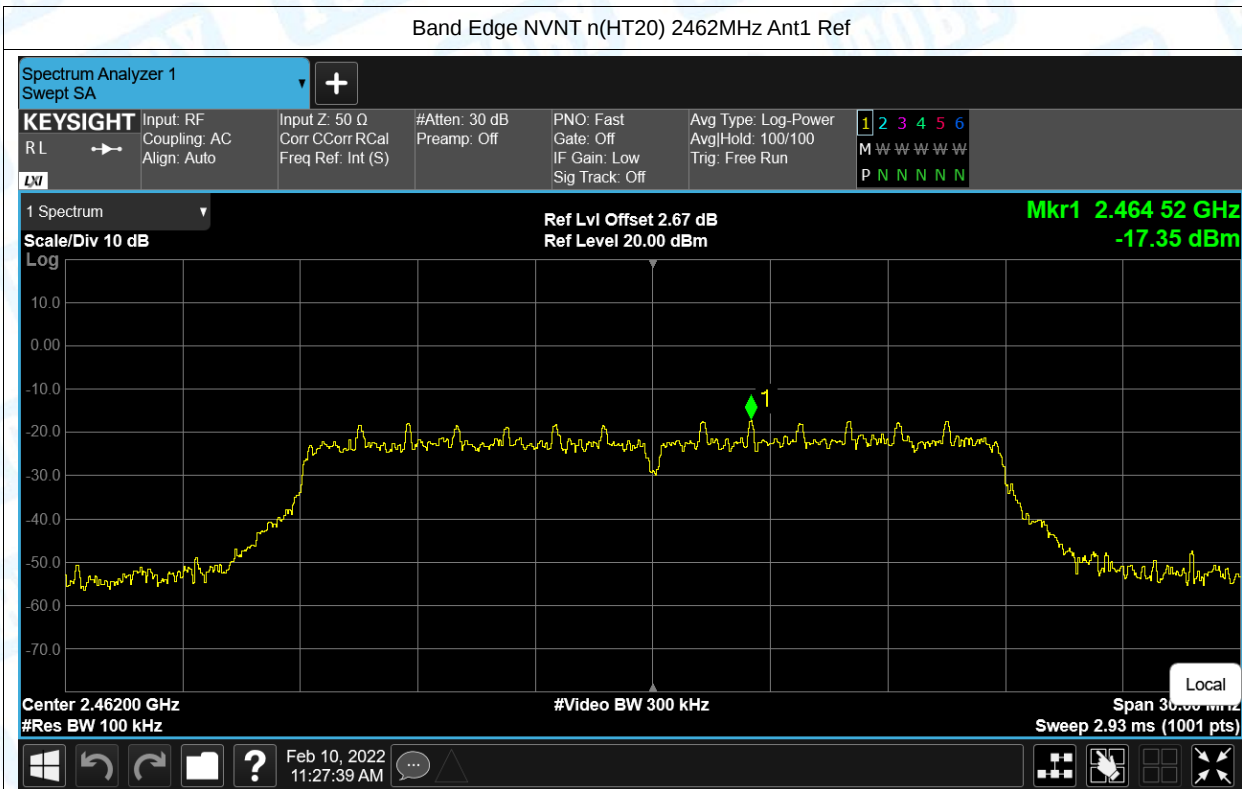






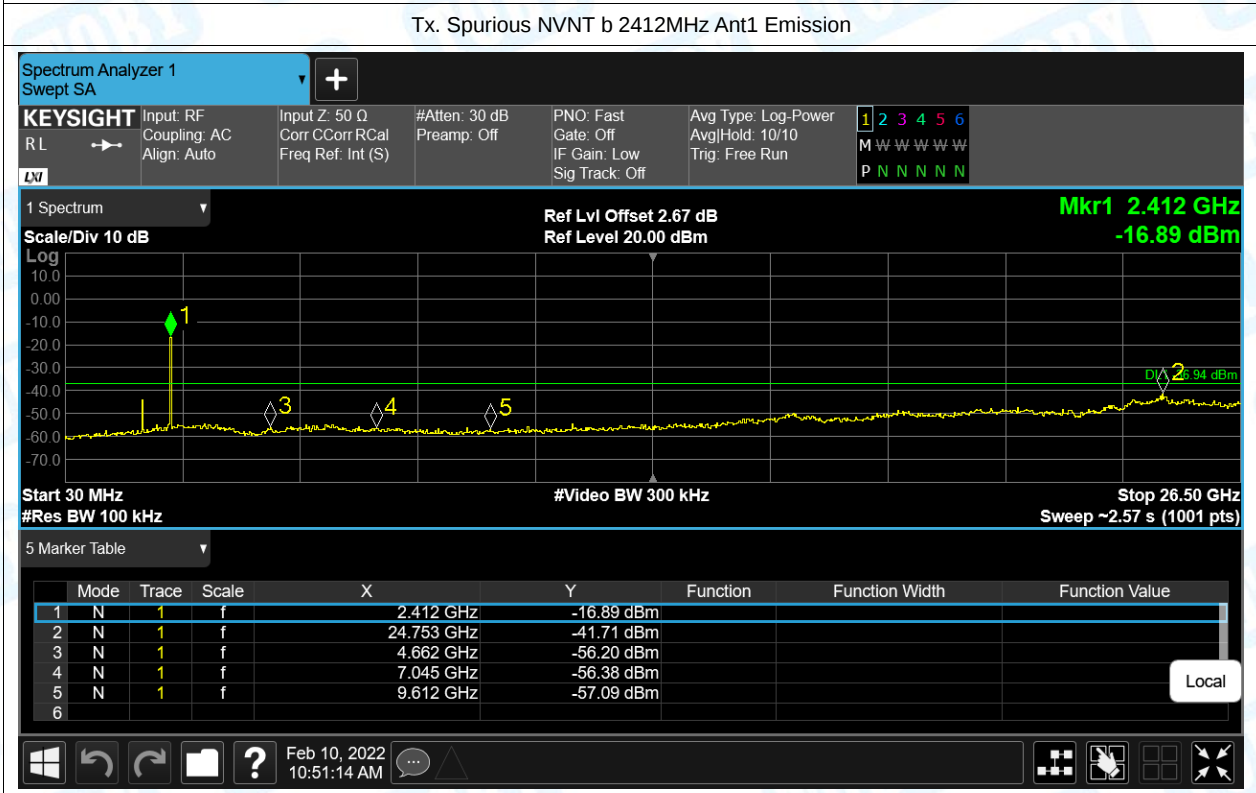
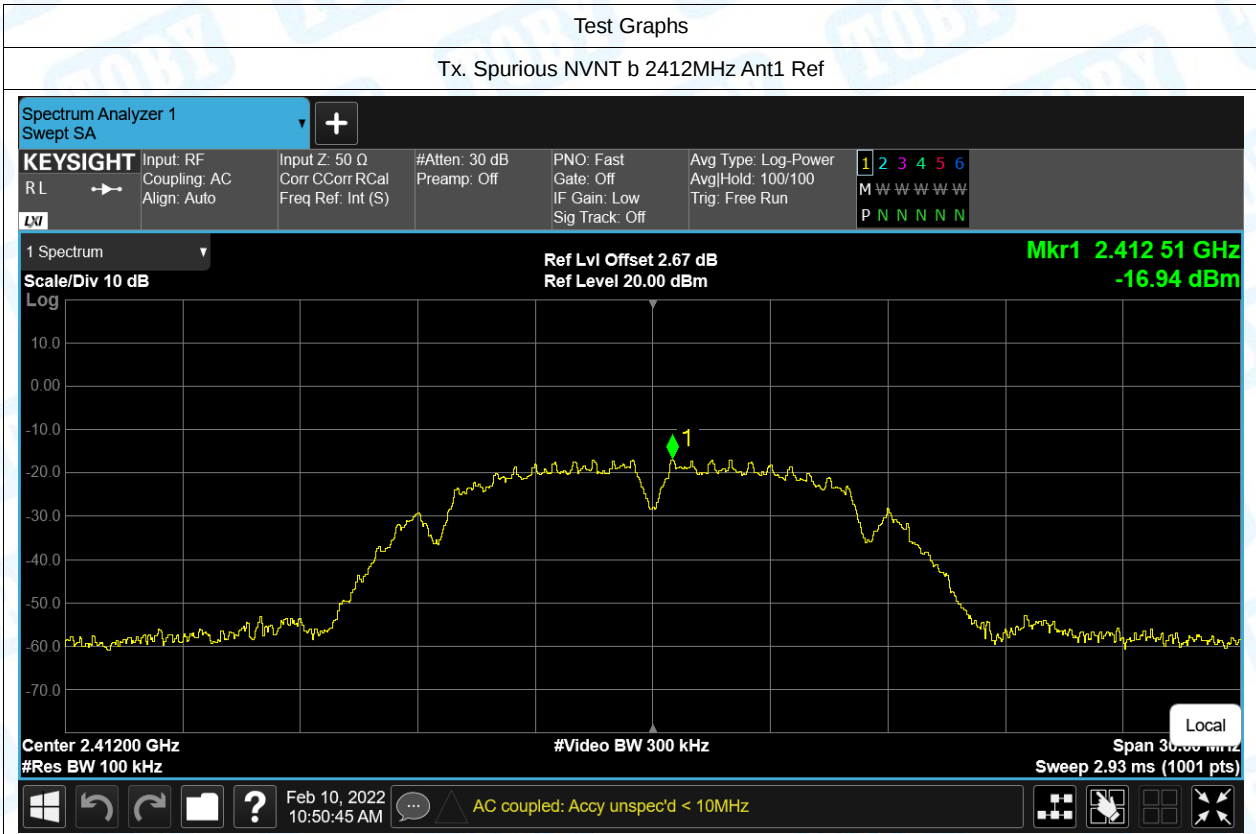


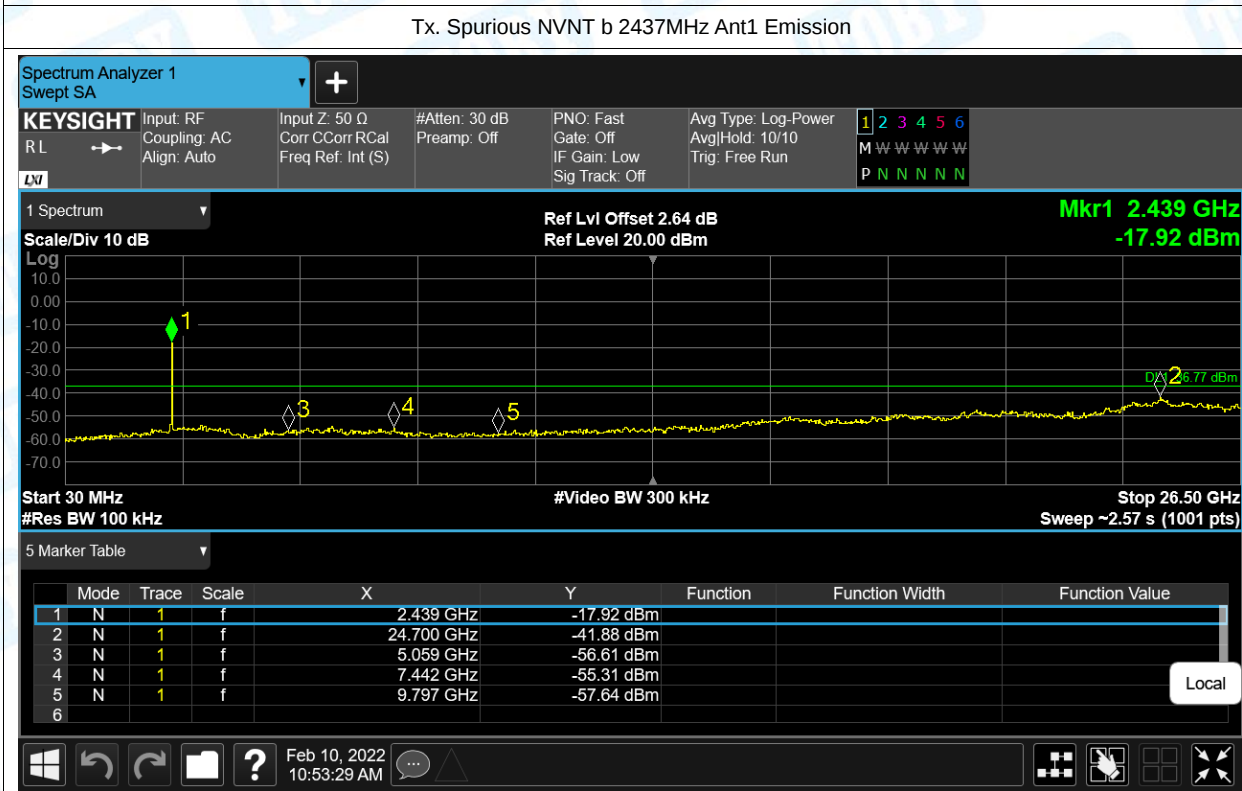
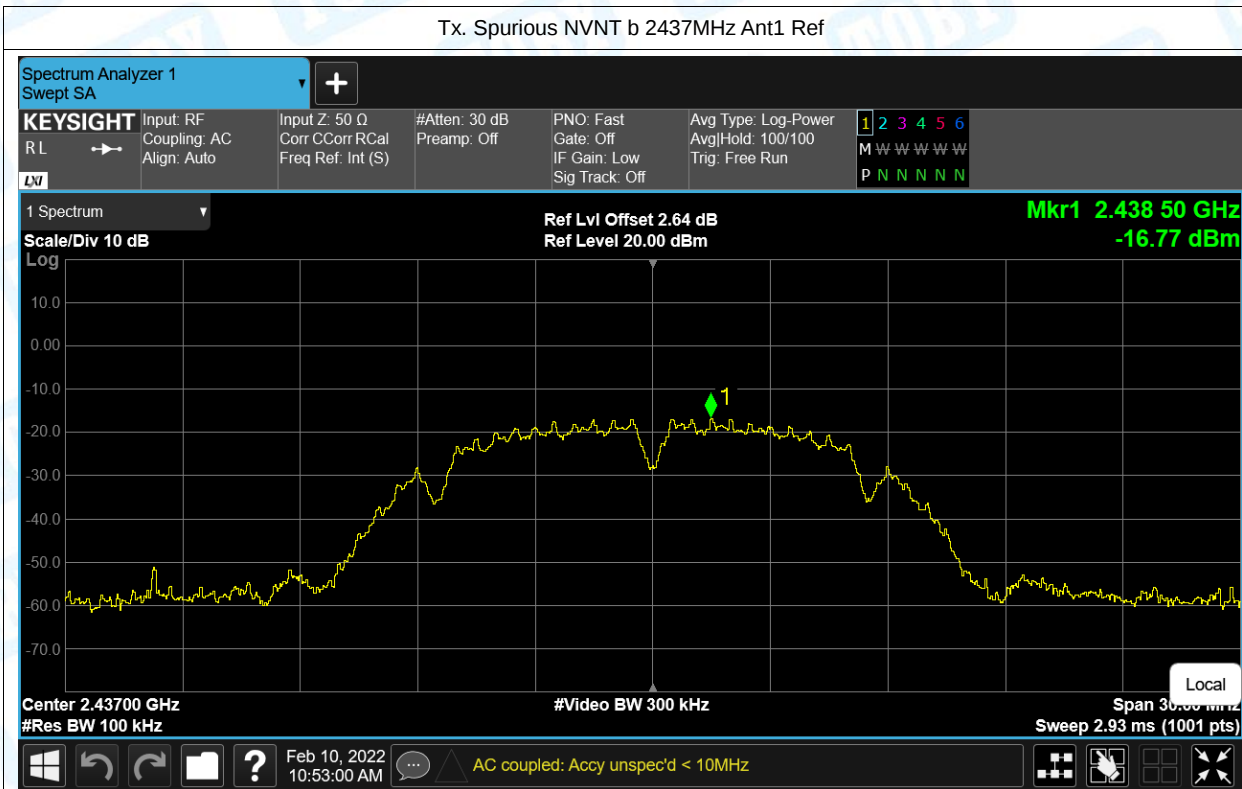


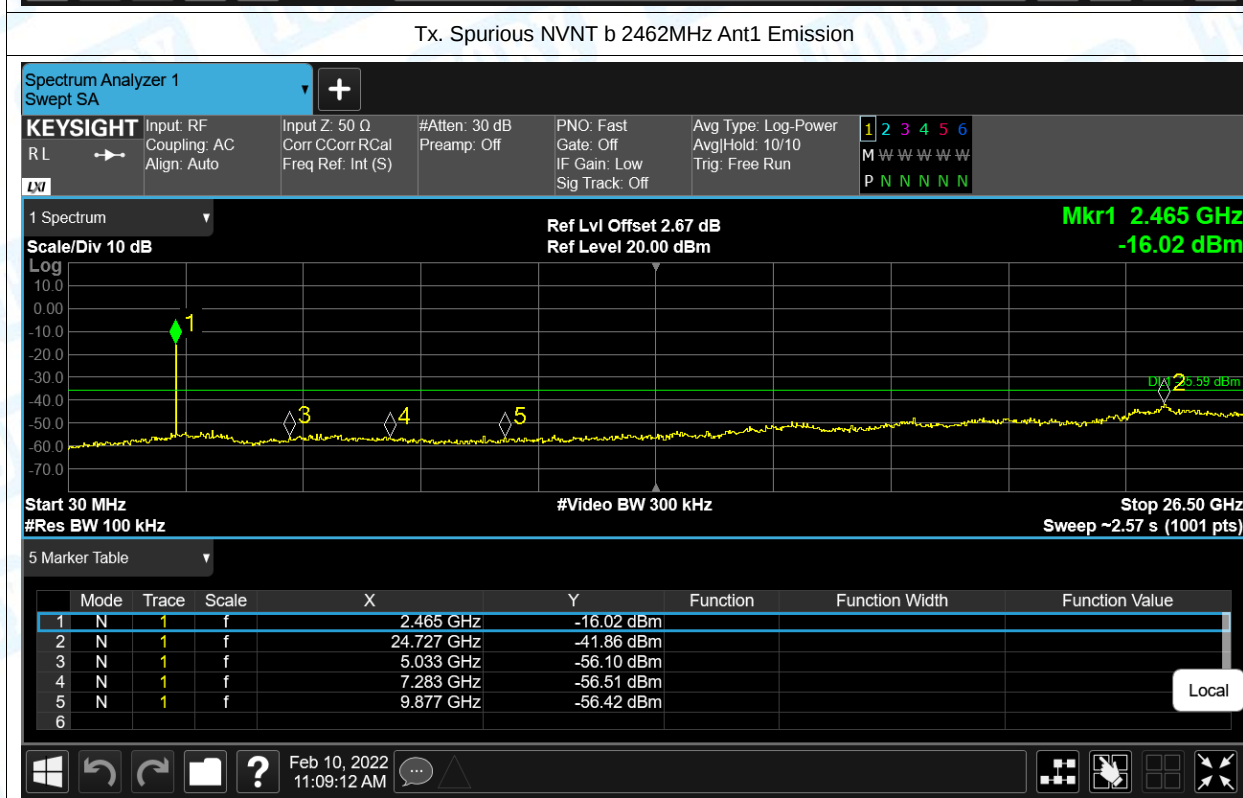
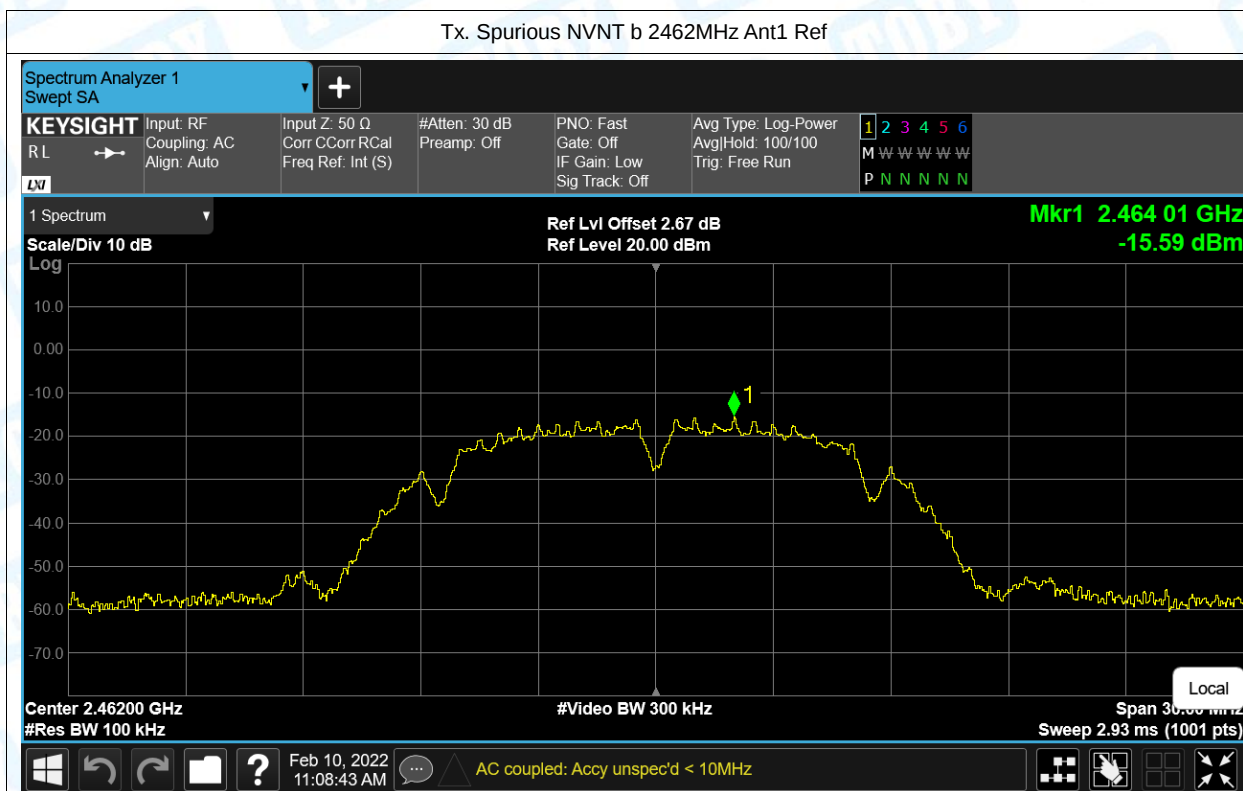


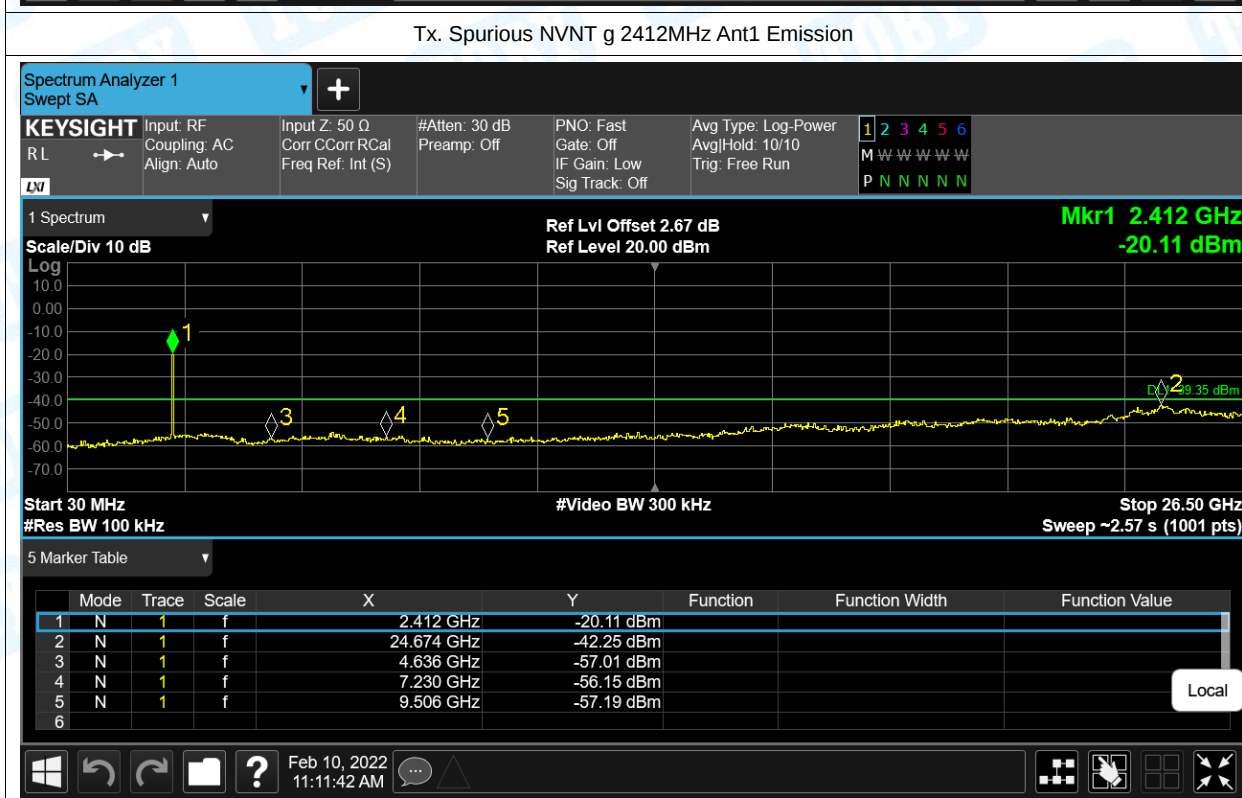
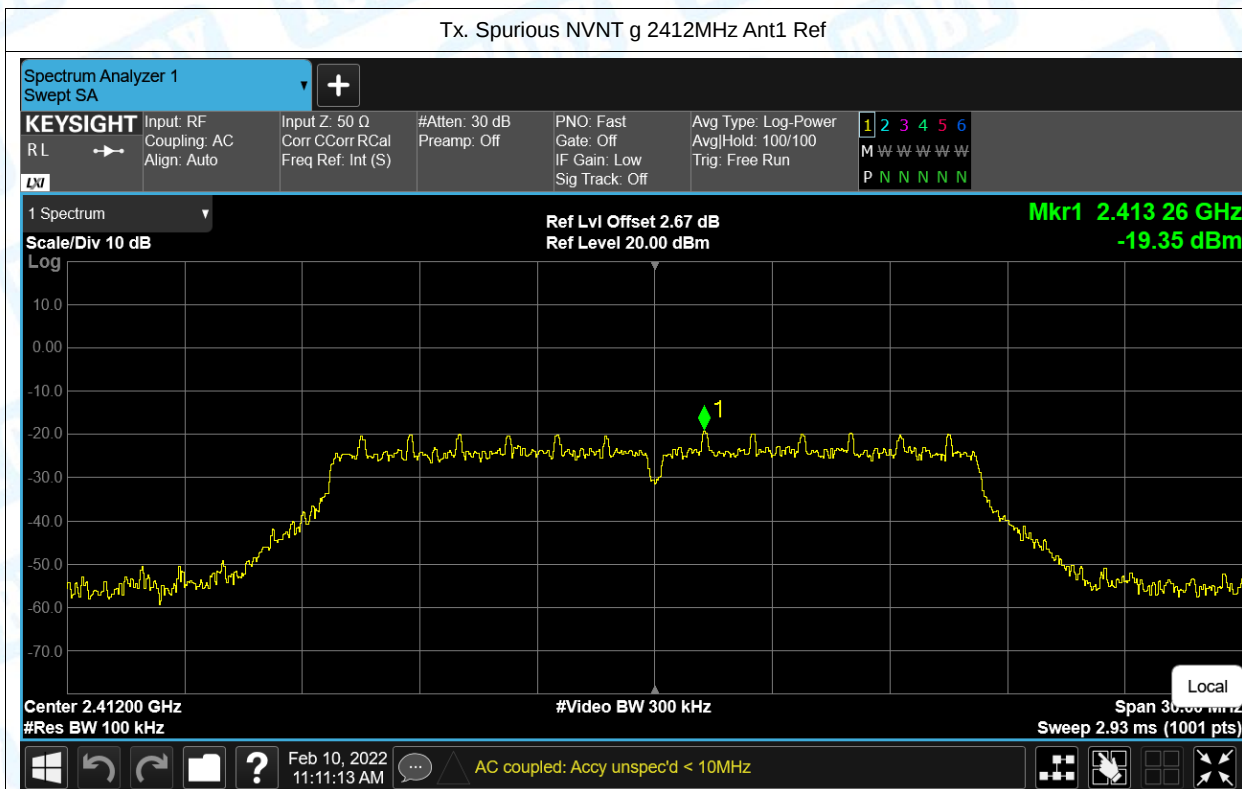
7. Conducted RF Spurious Emission

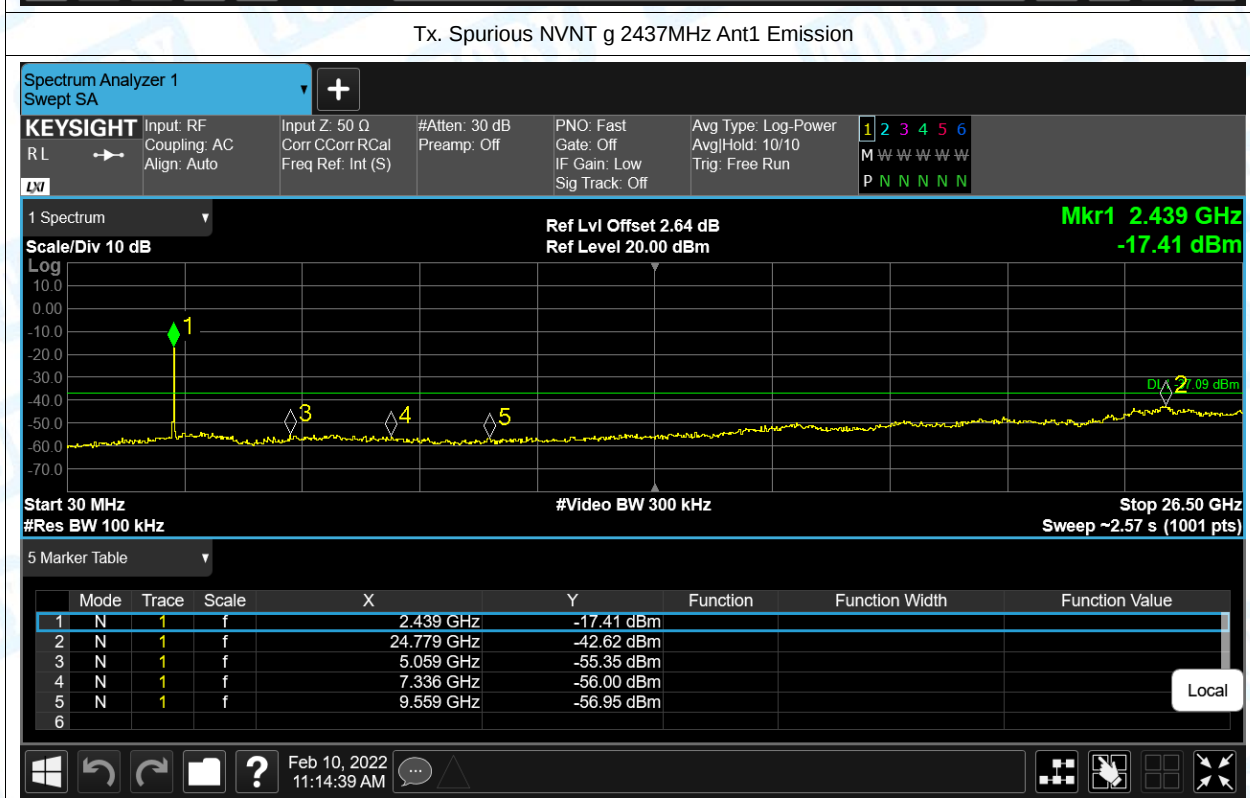
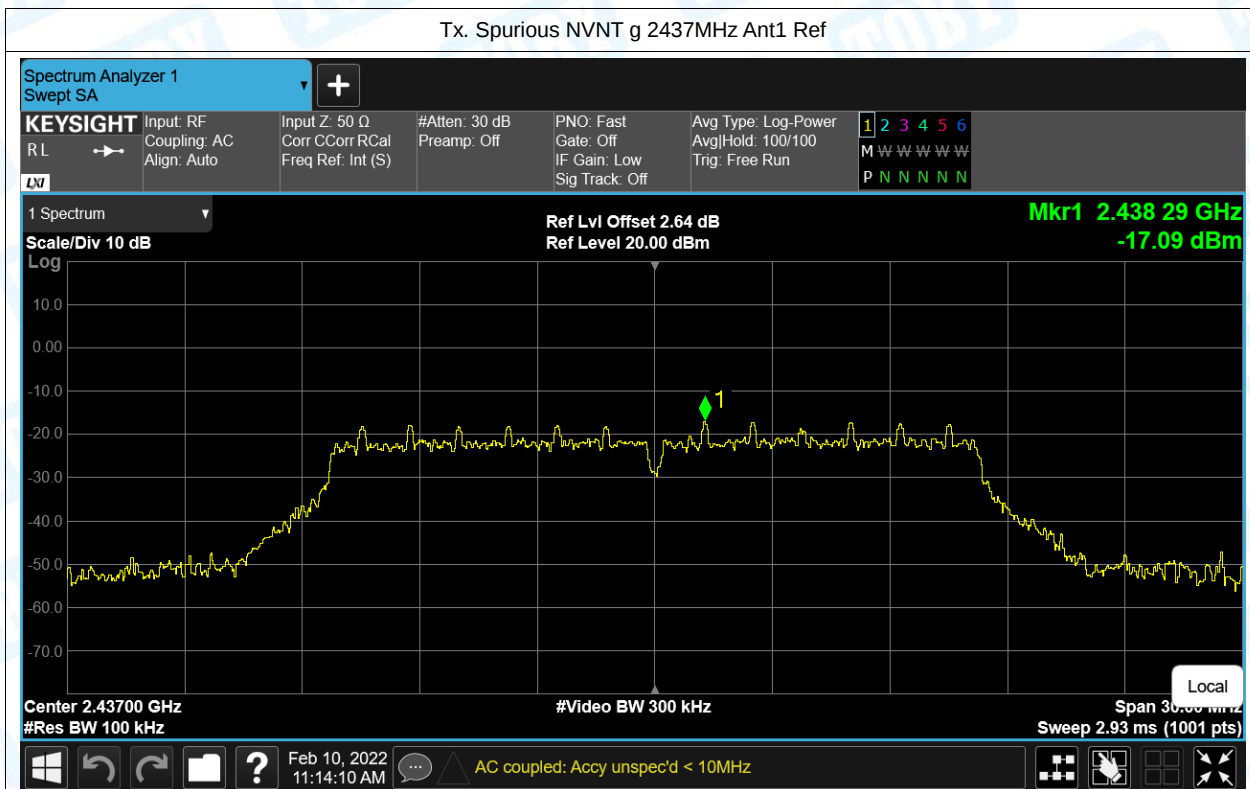
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-24.77	-20	Pass
NVNT	b	2437	Ant1	-25.11	-20	Pass
NVNT	b	2462	Ant1	-26.27	-20	Pass
NVNT	g	2412	Ant1	-22.9	-20	Pass
NVNT	g	2437	Ant1	-25.53	-20	Pass
NVNT	g	2462	Ant1	-25.59	-20	Pass
NVNT	n(HT20)	2412	Ant1	-24.45	-20	Pass
NVNT	n(HT20)	2437	Ant1	-23.06	-20	Pass
NVNT	n(HT20)	2462	Ant1	-24.14	-20	Pass

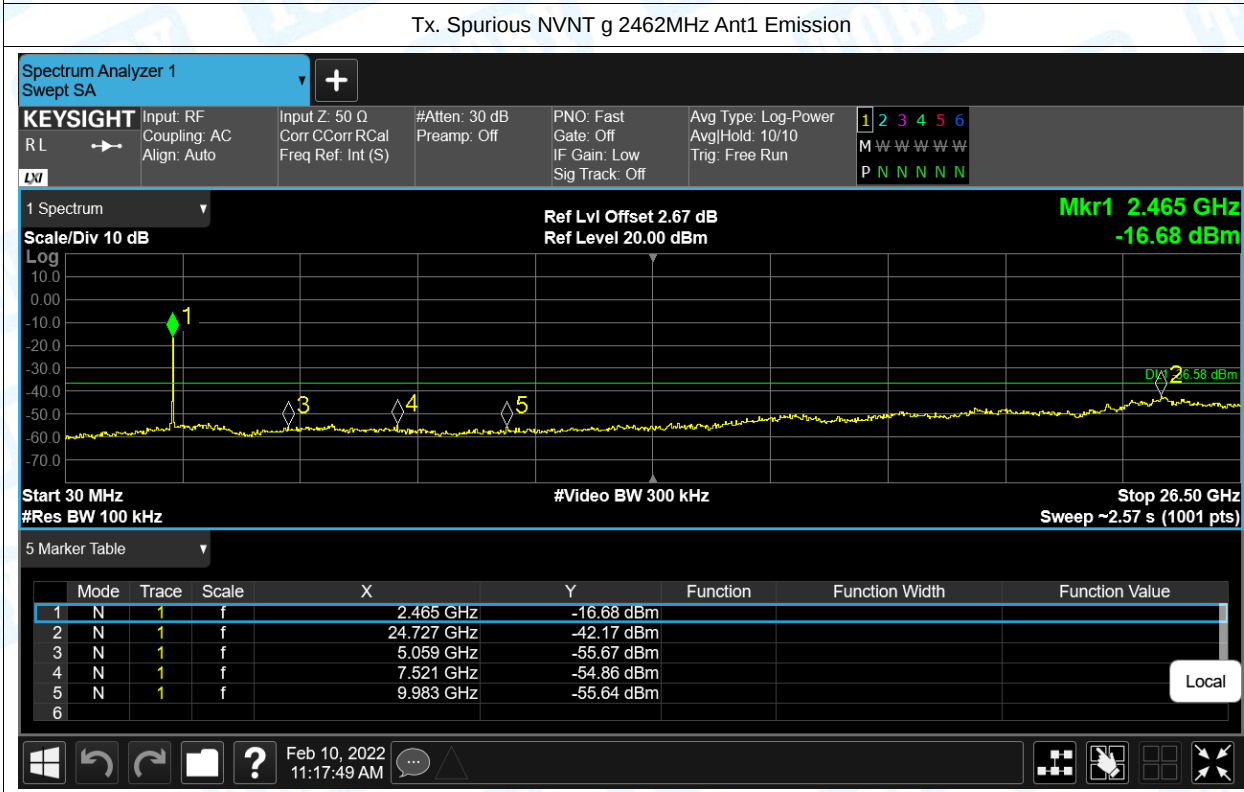
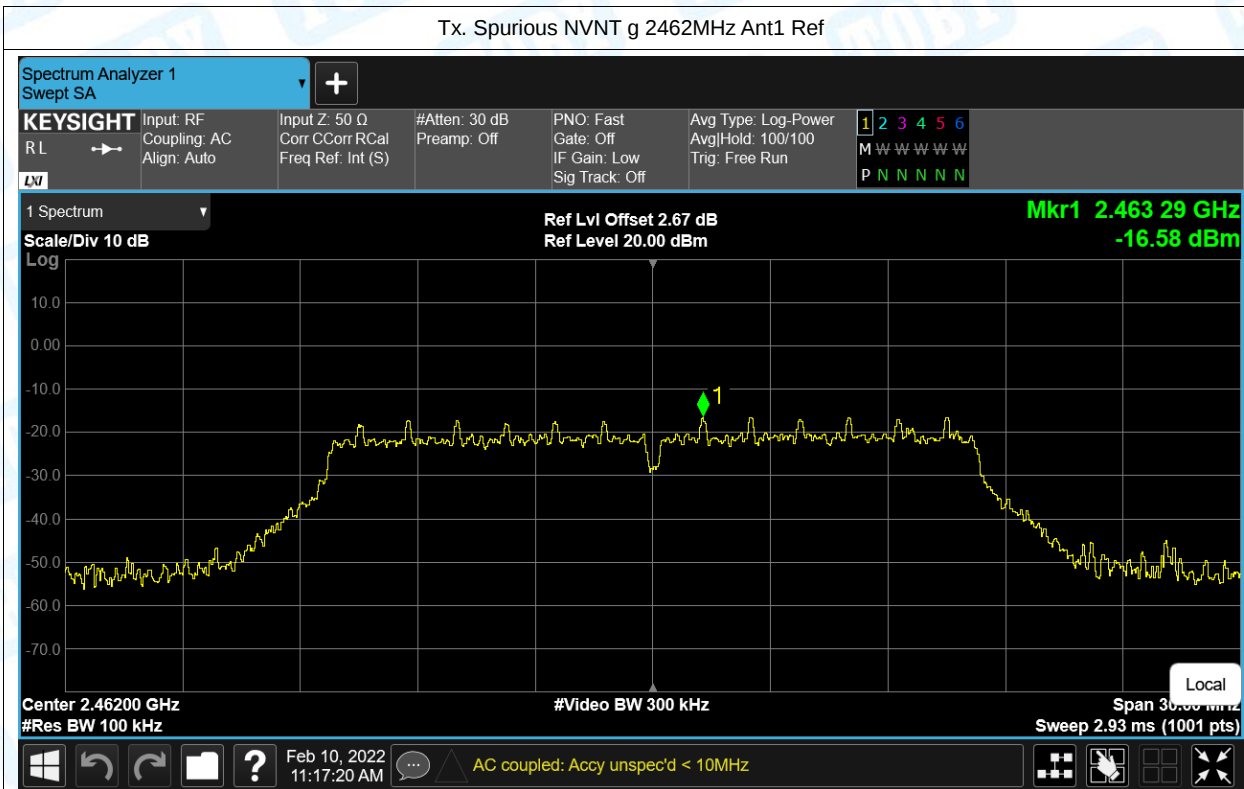


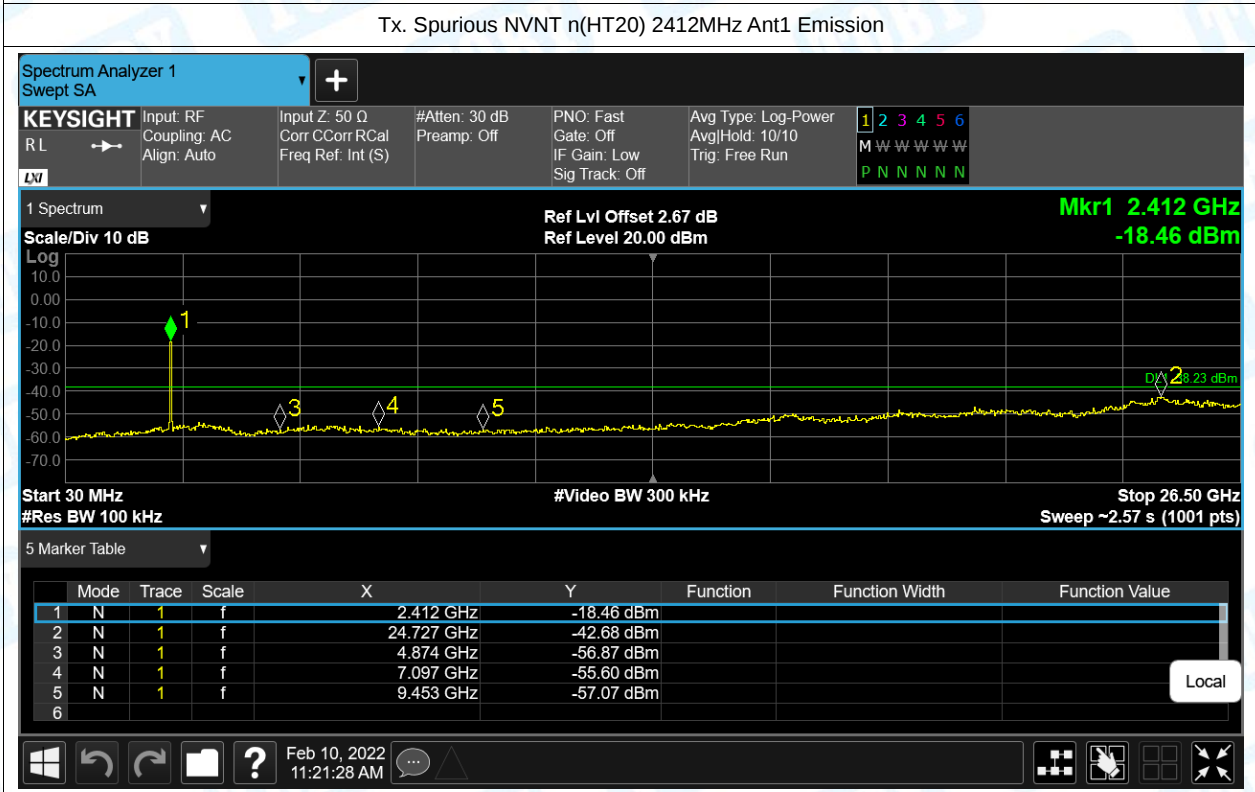
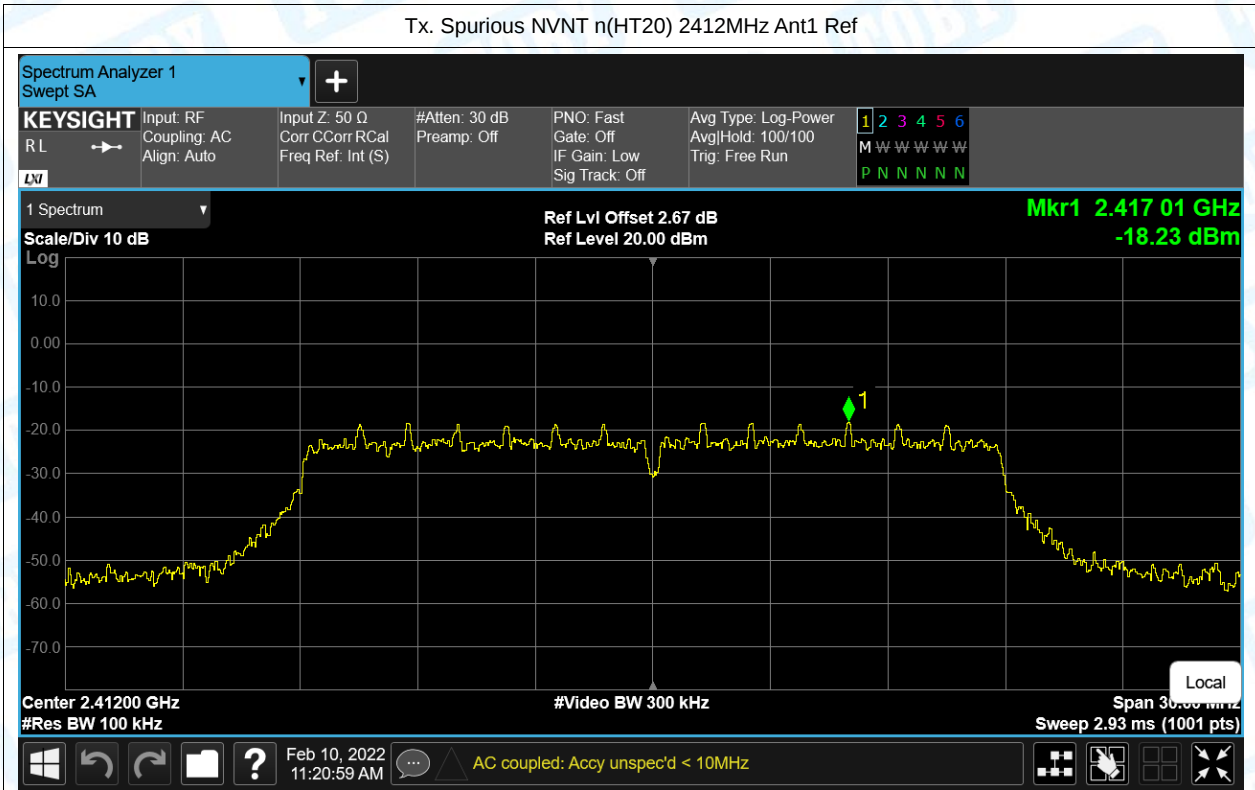


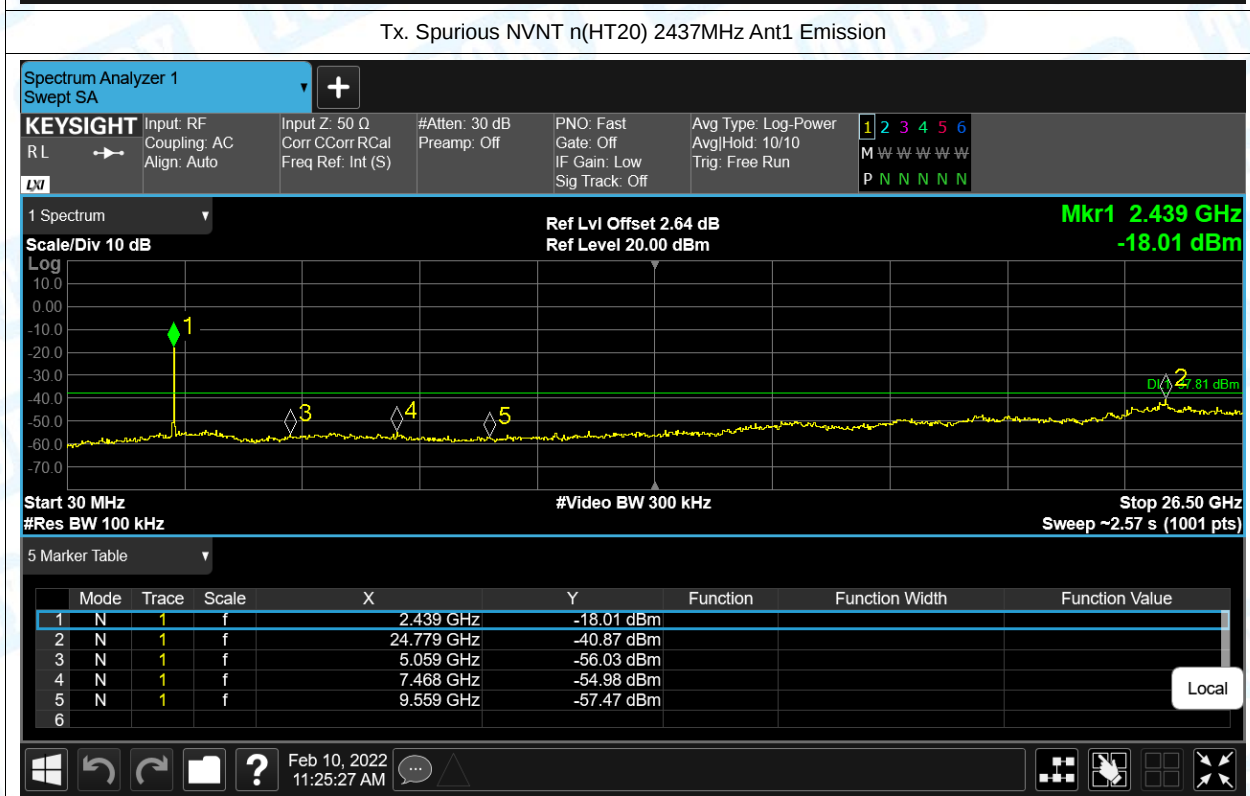
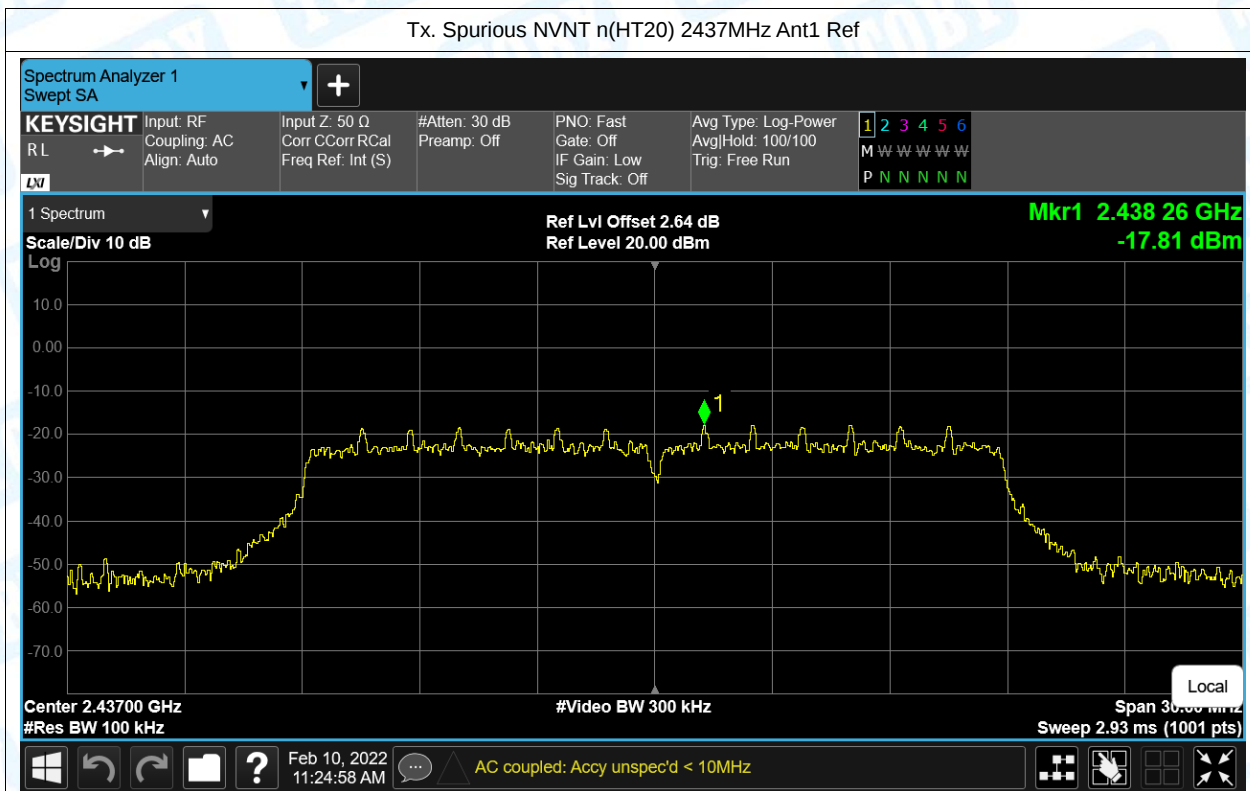


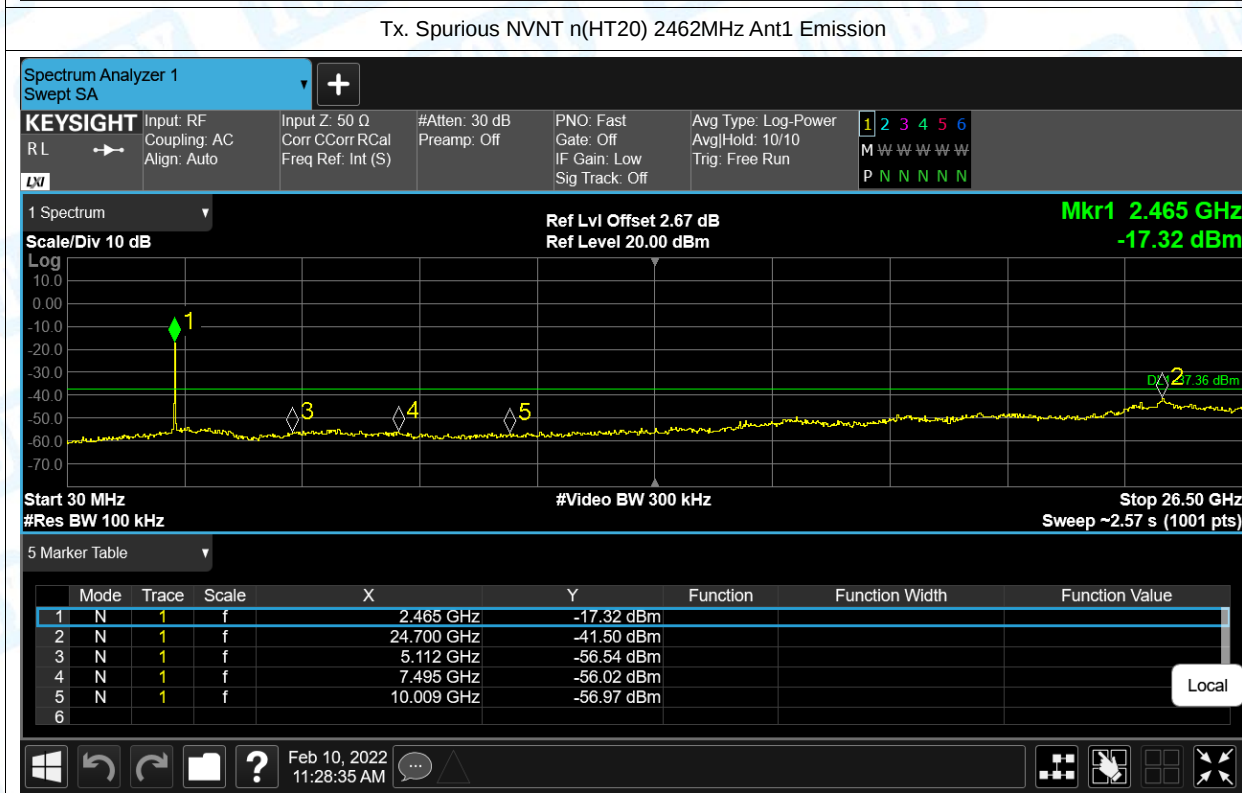
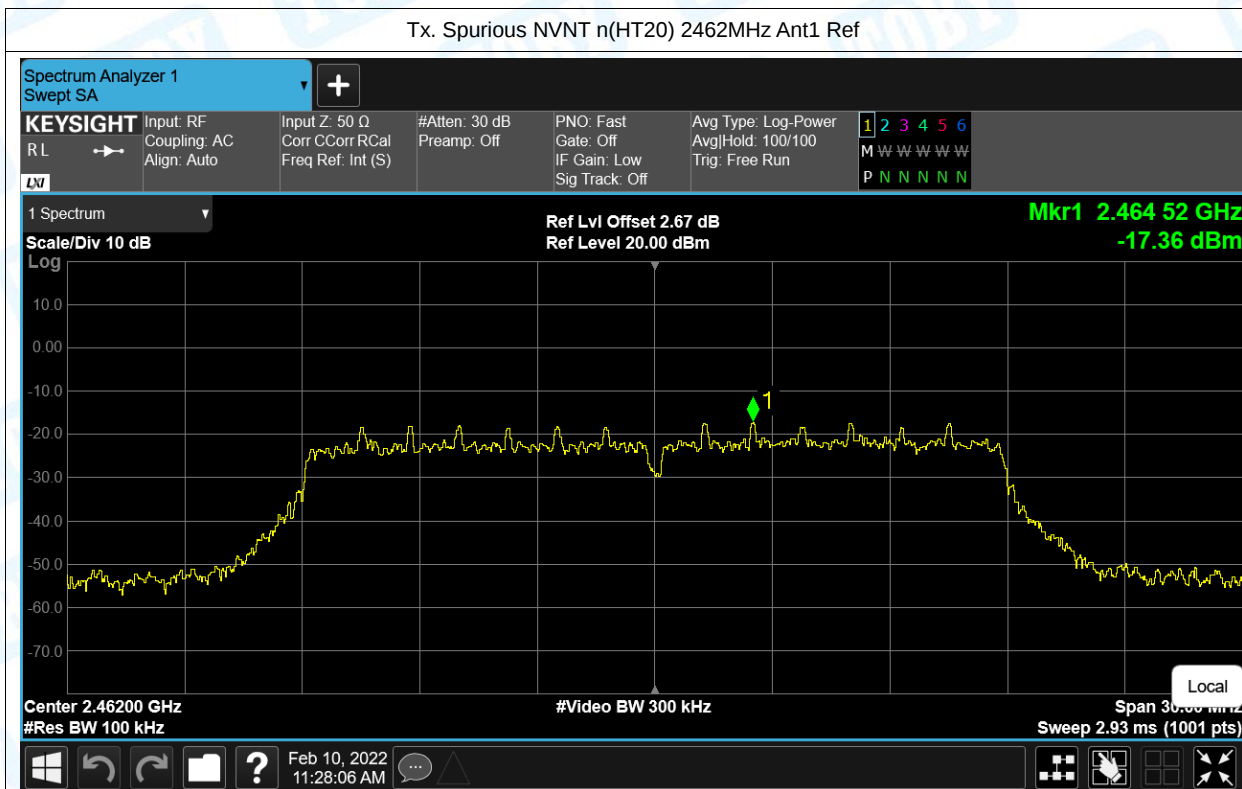










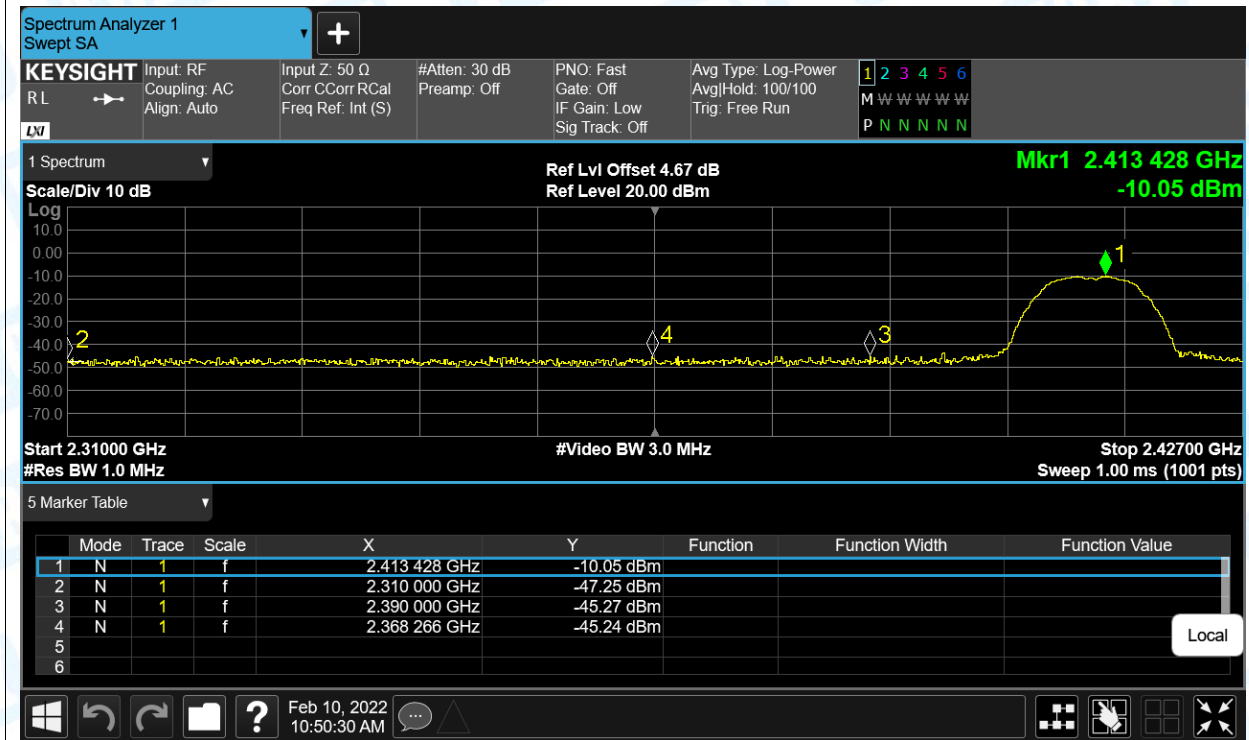


8. Restrict Band

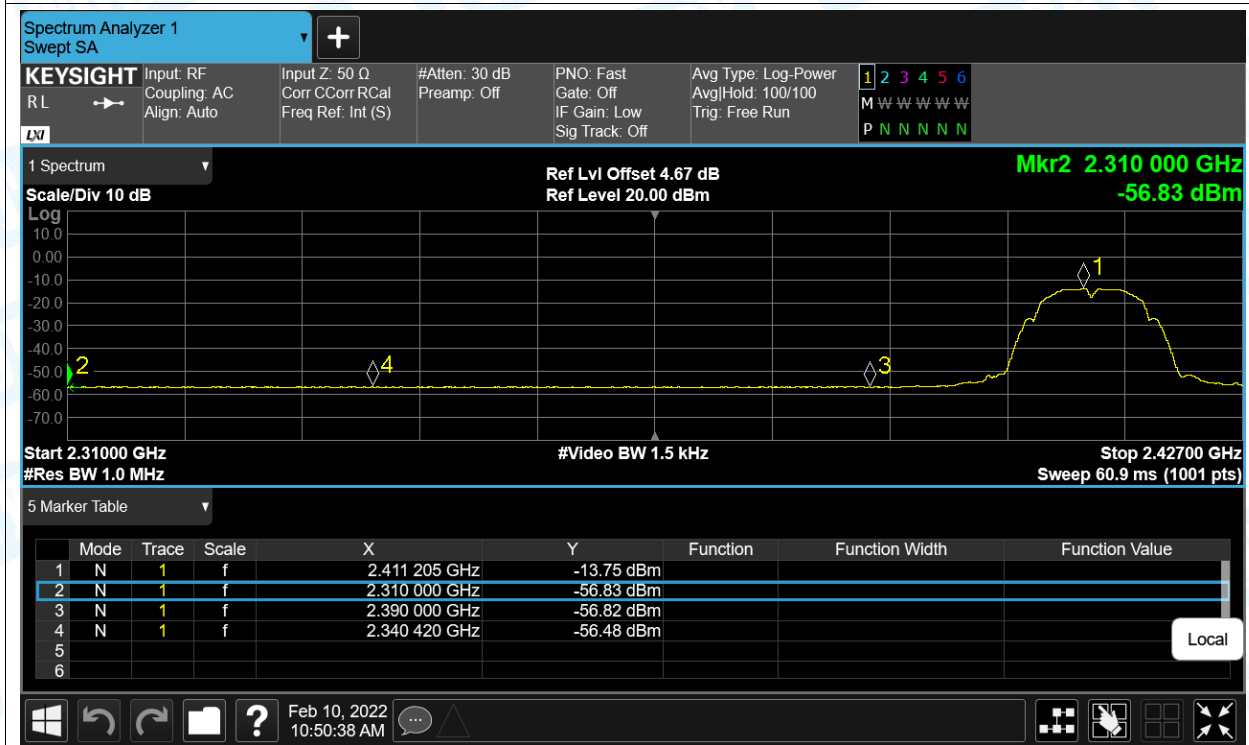
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-47.25	2	50.01	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-56.83	2	40.43	Average	54	Pass
NVNT	b	2412	Ant1	2368.266	-45.24	2	52.02	Peak	74	Pass
NVNT	b	2412	Ant1	2340.42	-56.48	2	40.78	Average	54	Pass
NVNT	b	2412	Ant1	2390	-45.27	2	51.99	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-56.82	2	40.44	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-47.94	2	49.32	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-56.43	2	40.83	Average	54	Pass
NVNT	b	2462	Ant1	2494.223	-44.03	2	53.23	Peak	74	Pass
NVNT	b	2462	Ant1	2487.863	-56.12	2	41.14	Average	54	Pass
NVNT	b	2462	Ant1	2500	-47.92	2	49.34	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-56.4	2	40.86	Average	54	Pass
NVNT	g	2412	Ant1	2310	-47.35	2	49.91	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-55.74	2	41.52	Average	54	Pass
NVNT	g	2412	Ant1	2365.224	-44.82	2	52.44	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-54.24	2	43.02	Average	54	Pass
NVNT	g	2412	Ant1	2390	-45.94	2	51.32	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-54.57	2	42.69	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-46.4	2	50.86	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-53.09	2	44.17	Average	54	Pass
NVNT	g	2462	Ant1	2485.584	-40.65	2	56.61	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-53.09	2	44.17	Average	54	Pass
NVNT	g	2462	Ant1	2500	-45.26	2	52	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-55.26	2	42	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2310	-48.1	2	49.16	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2310	-55.97	2	41.29	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2387.805	-43.42	2	53.84	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2388.273	-54.12	2	43.14	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2390	-43.42	2	53.84	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2390	-54.4	2	42.86	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-44.91	2	52.35	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-53.94	2	43.32	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2488.976	-41.54	2	55.72	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.623	-53.81	2	43.45	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2500	-47.07	2	50.19	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2500	-55.43	2	41.83	Average	54	Pass

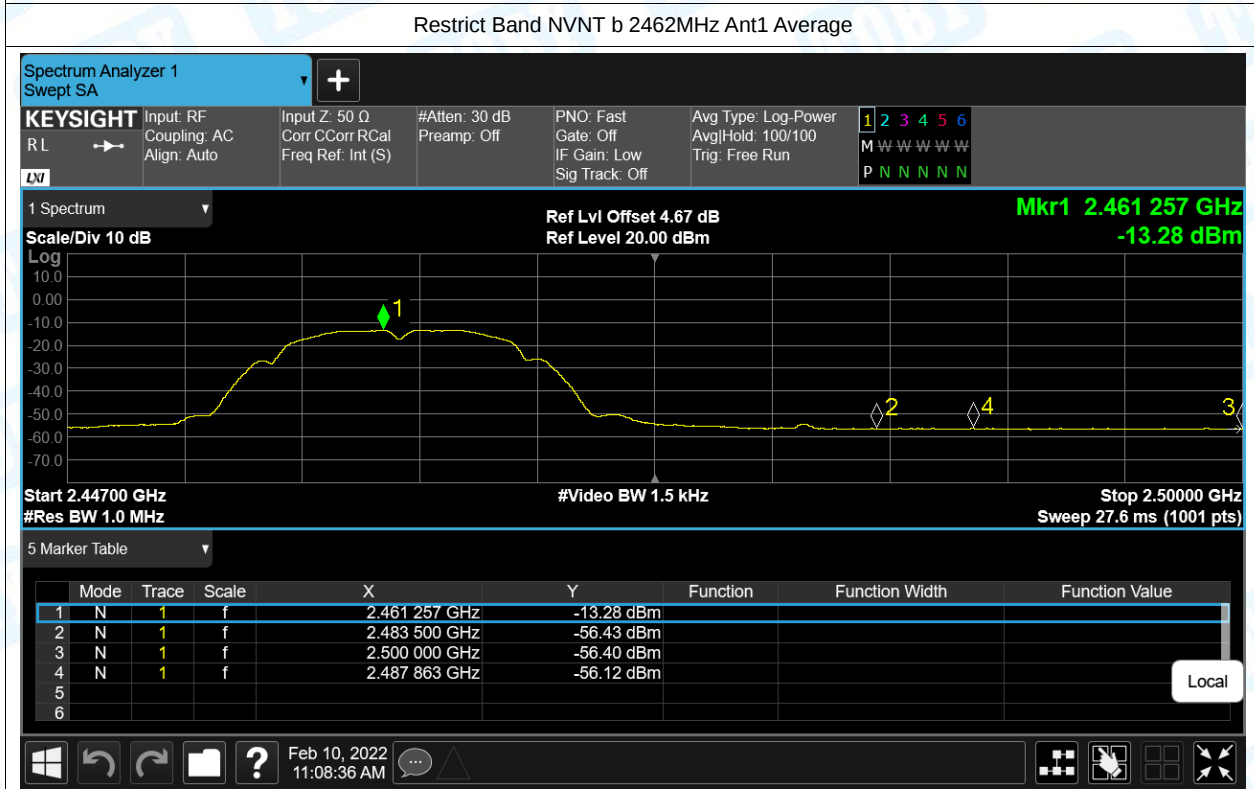
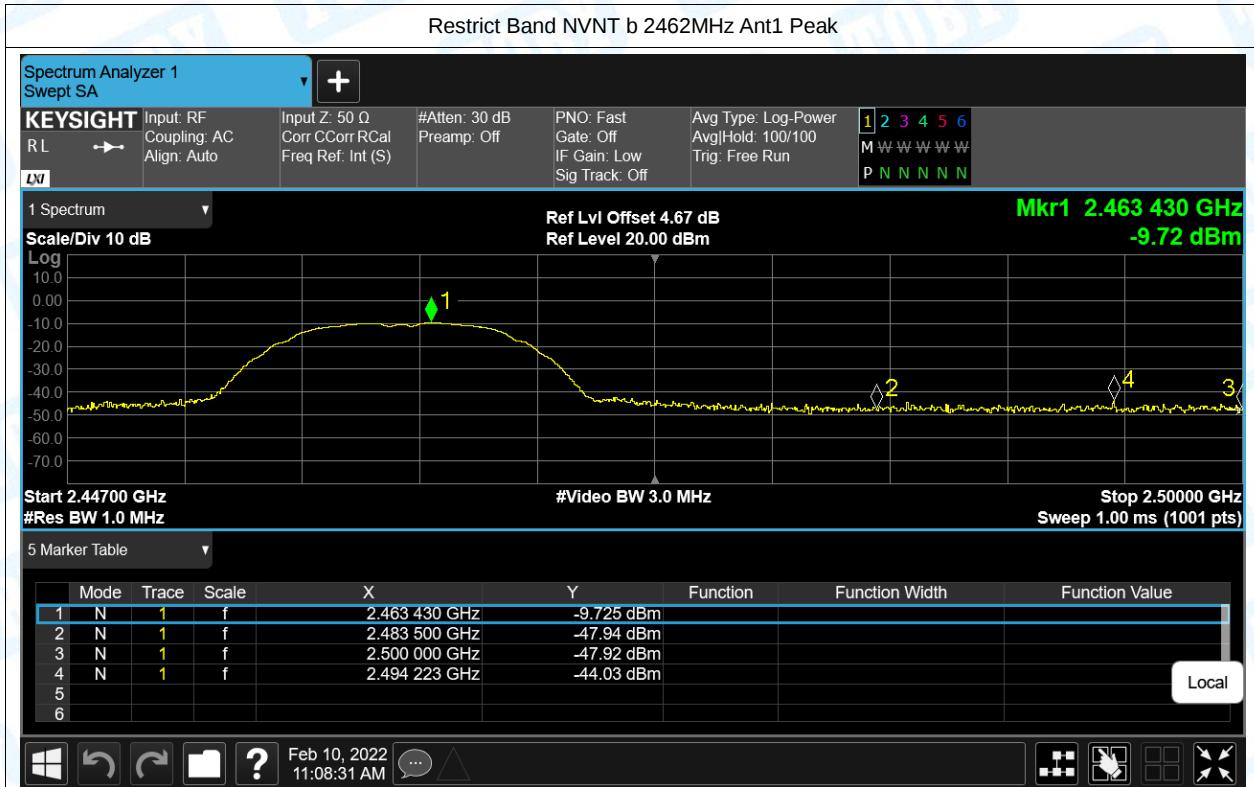
Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak

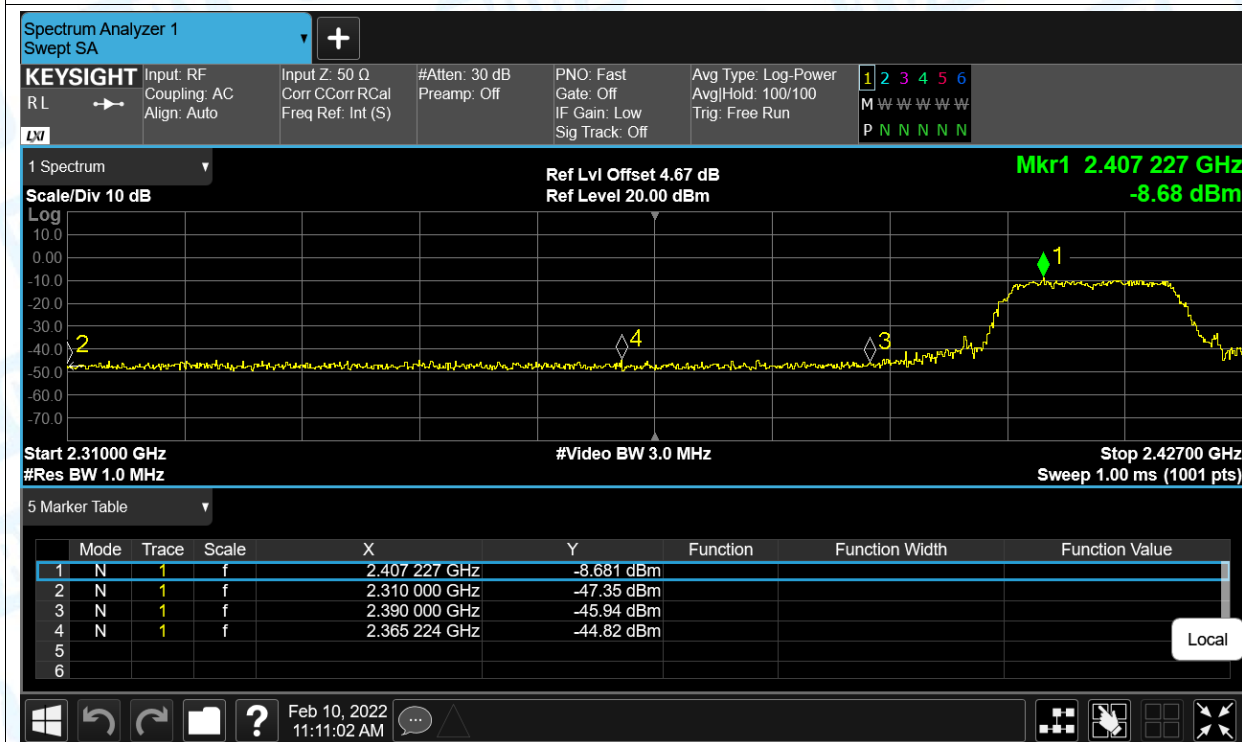


Restrict Band NVNT b 2412MHz Ant1 Average

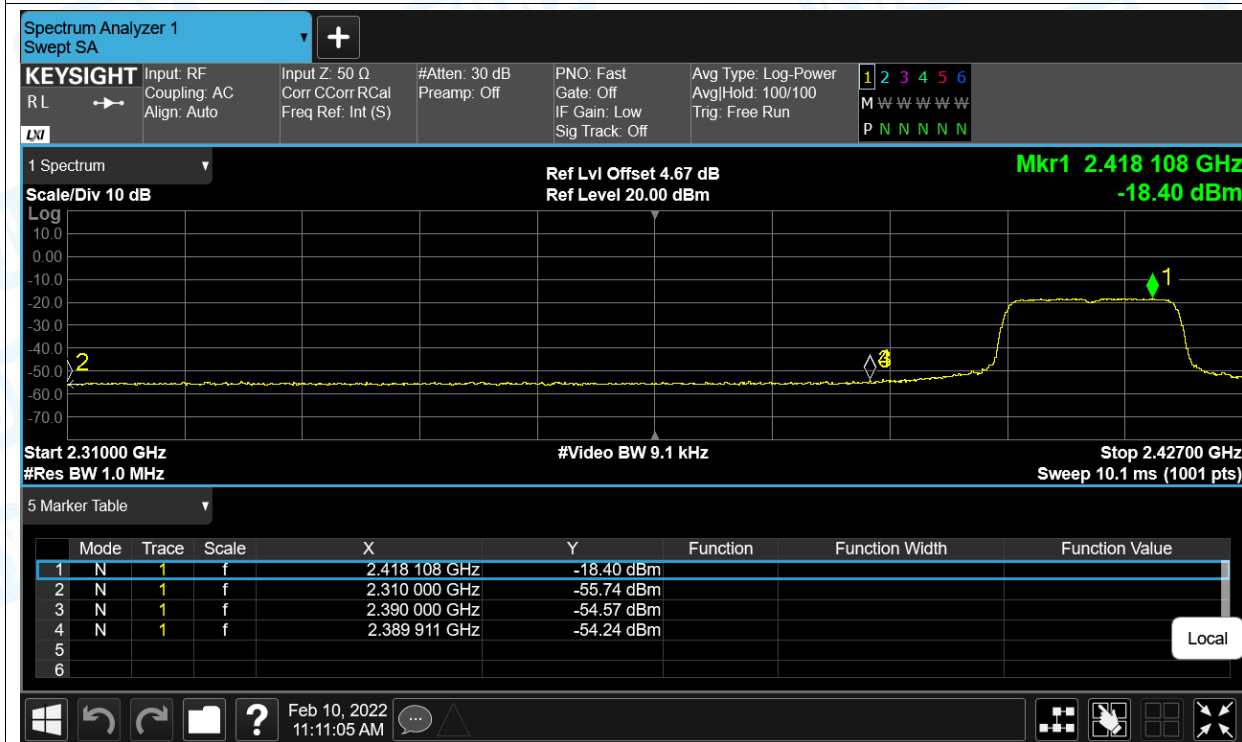


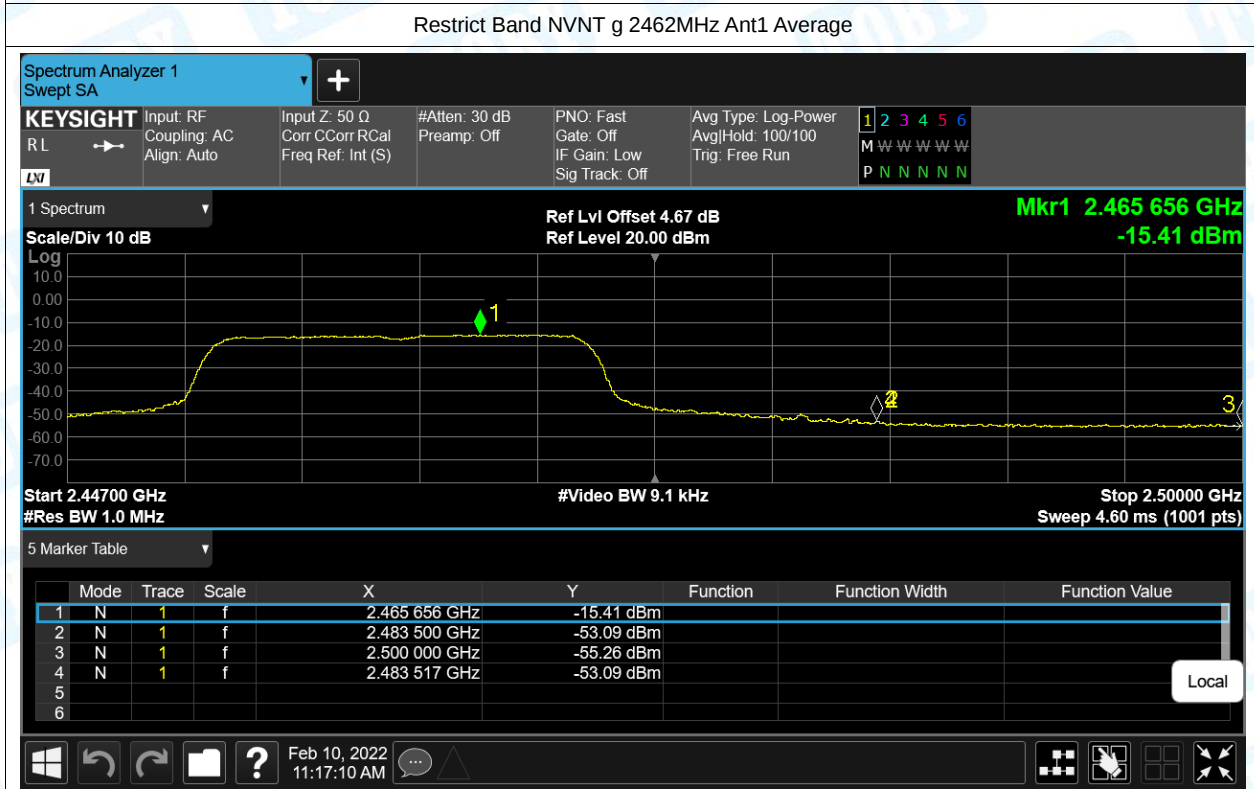
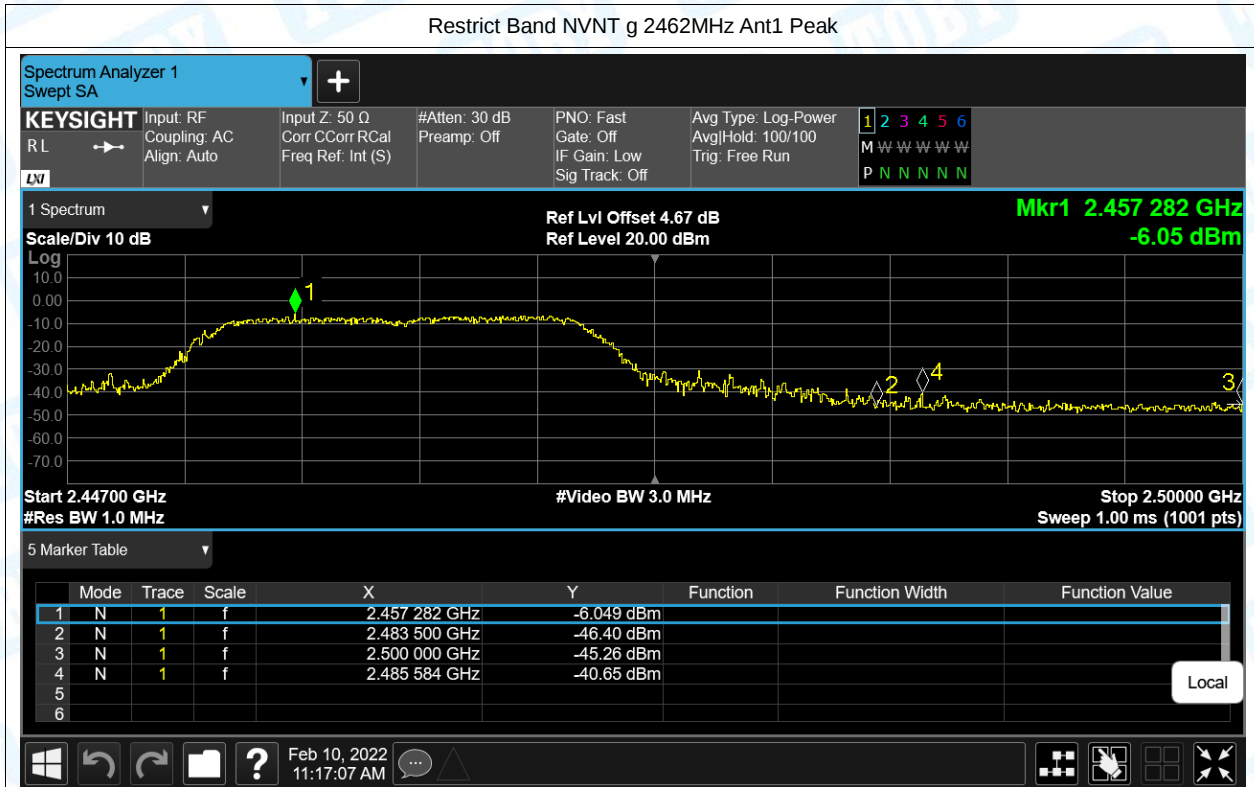


Restrict Band NVNT g 2412MHz Ant1 Peak

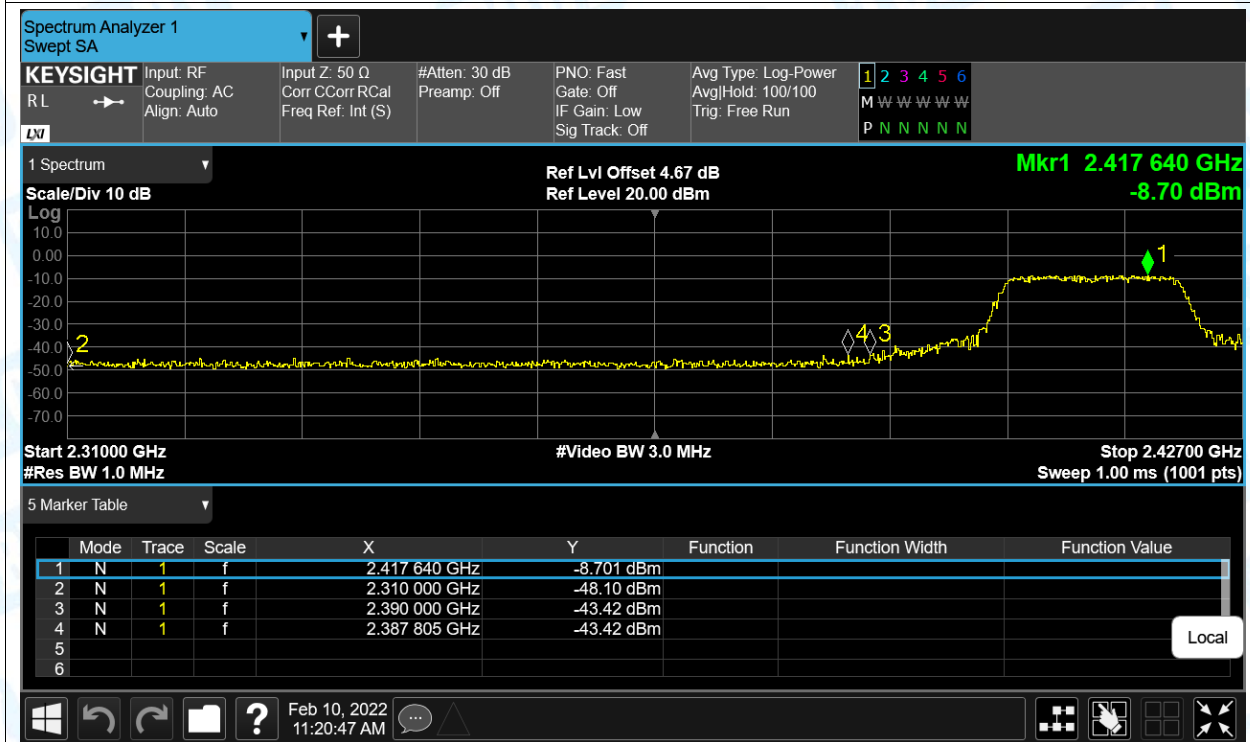


Restrict Band NVNT g 2412MHz Ant1 Average

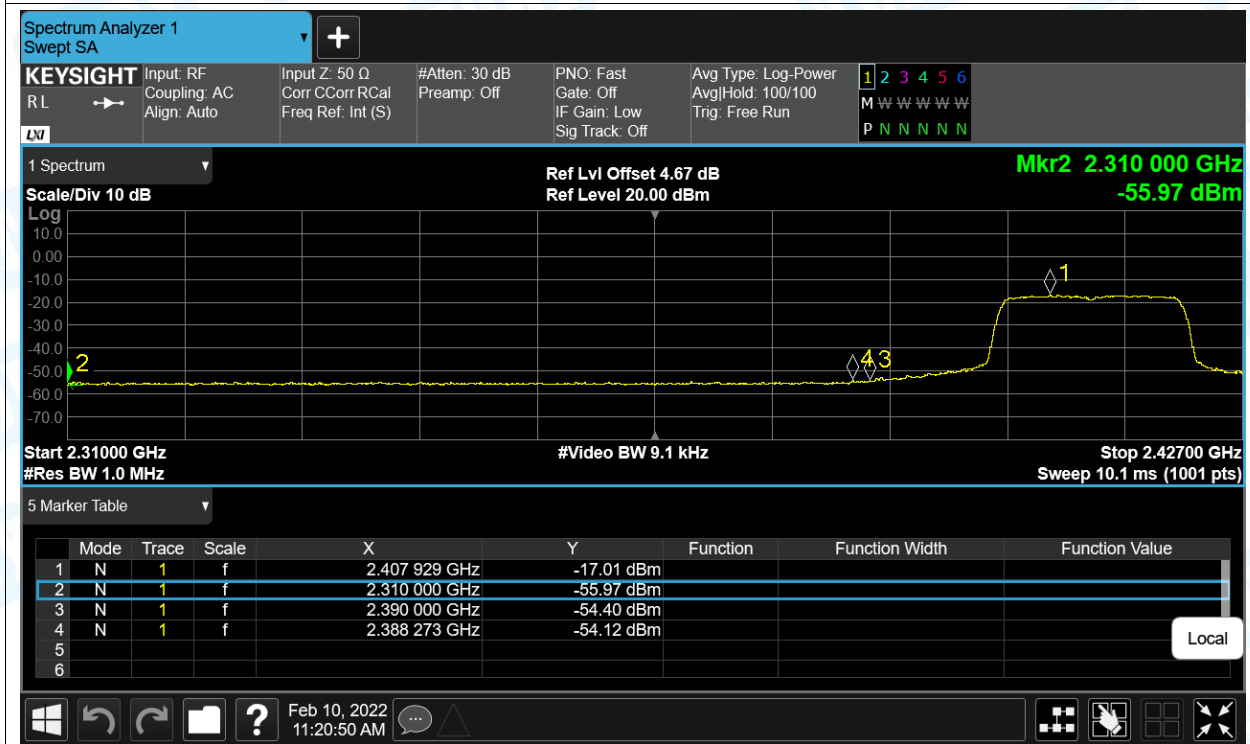


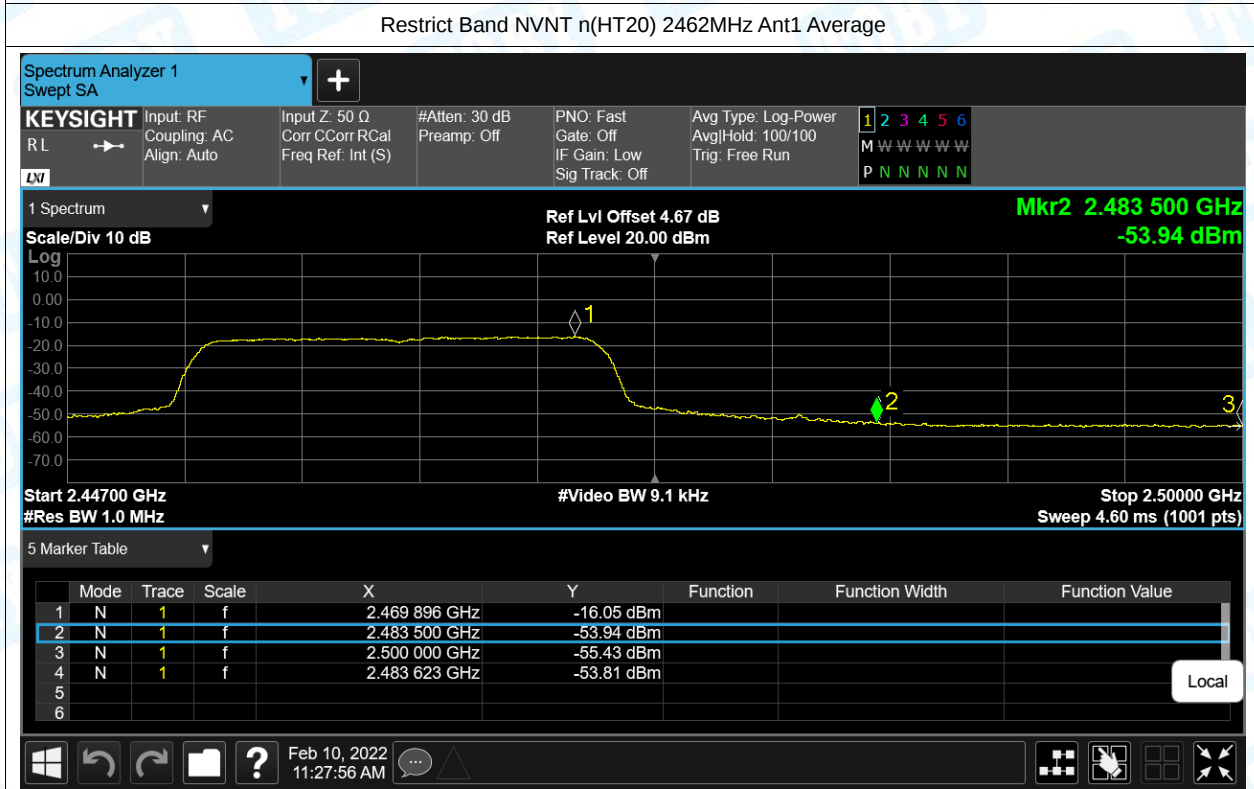
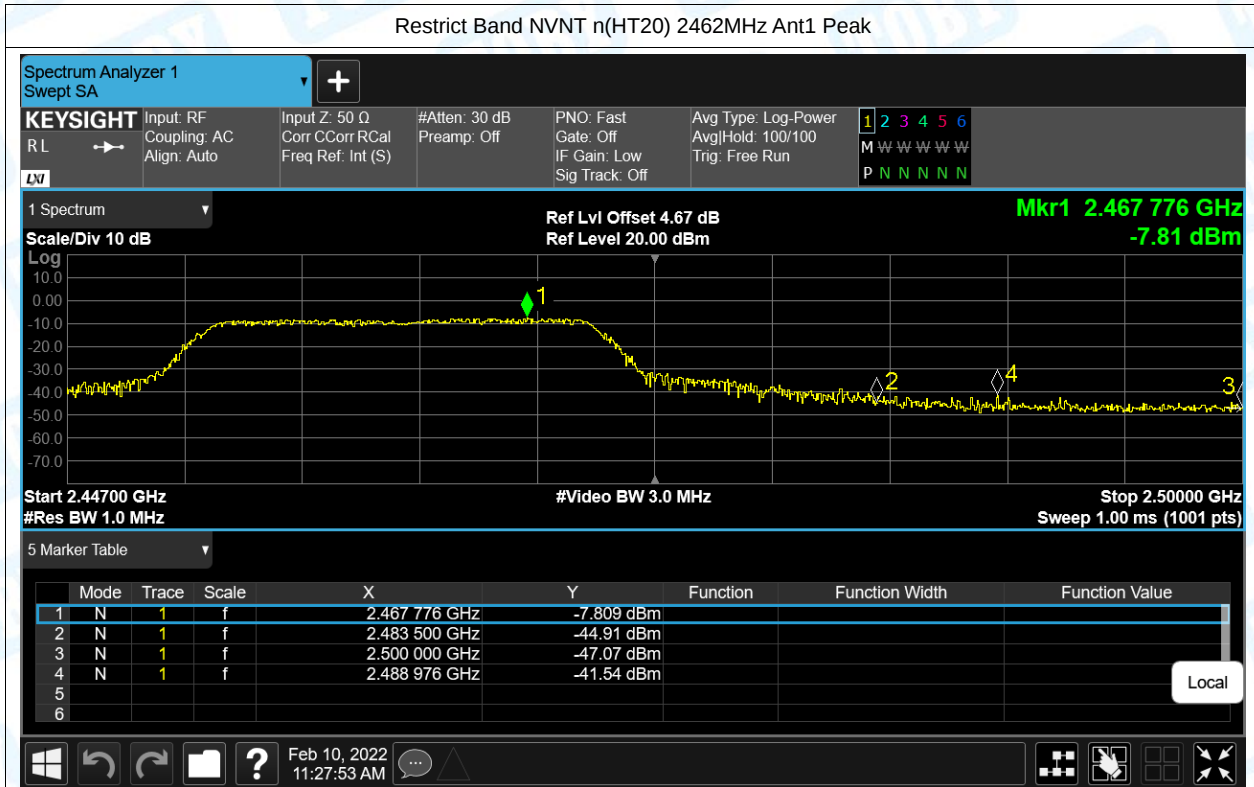


Restrict Band NVNT n(HT20) 2412MHz Ant1 Peak



Restrict Band NVNT n(HT20) 2412MHz Ant1 Average





-----End of the report-----