

Appendix – BT Test Data

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1 -20dB Bandwidth

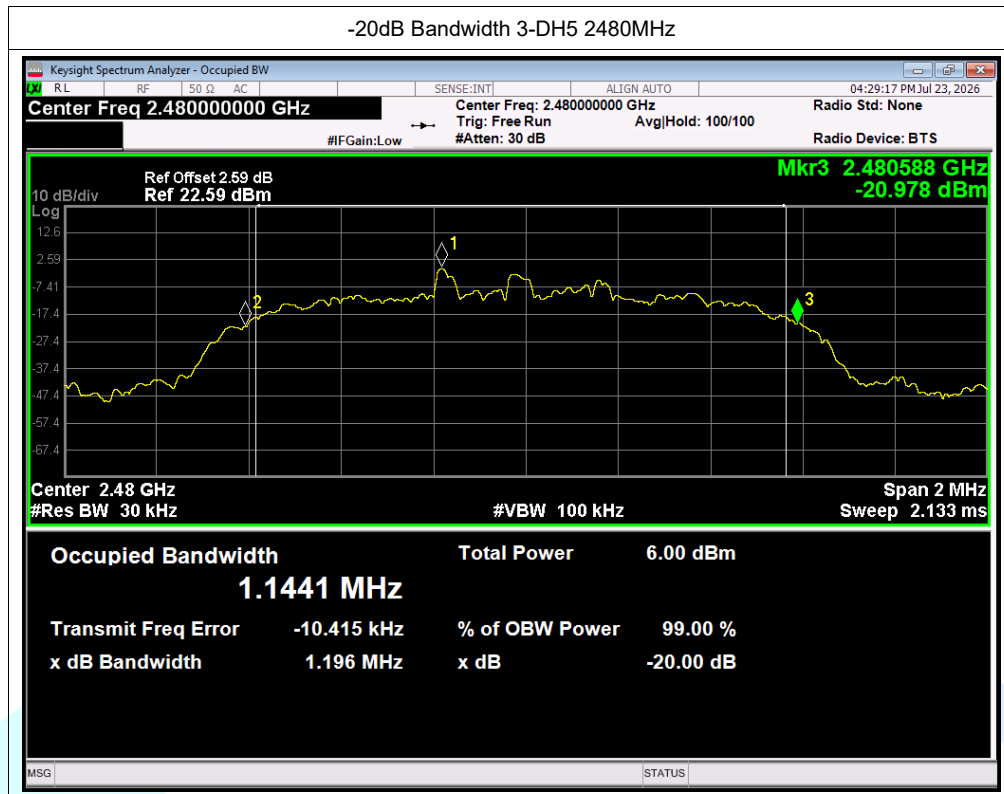
Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Limit (MHz)	Verdict
1-DH5	2402	0.9608	N/A	Pass
	2441	0.9344	N/A	Pass
	2480	0.9481	N/A	Pass
2-DH5	2402	1.333	N/A	Pass
	2441	1.231	N/A	Pass
	2480	1.225	N/A	Pass
3-DH5	2402	1.294	N/A	Pass
	2441	1.187	N/A	Pass
	2480	1.196	N/A	Pass





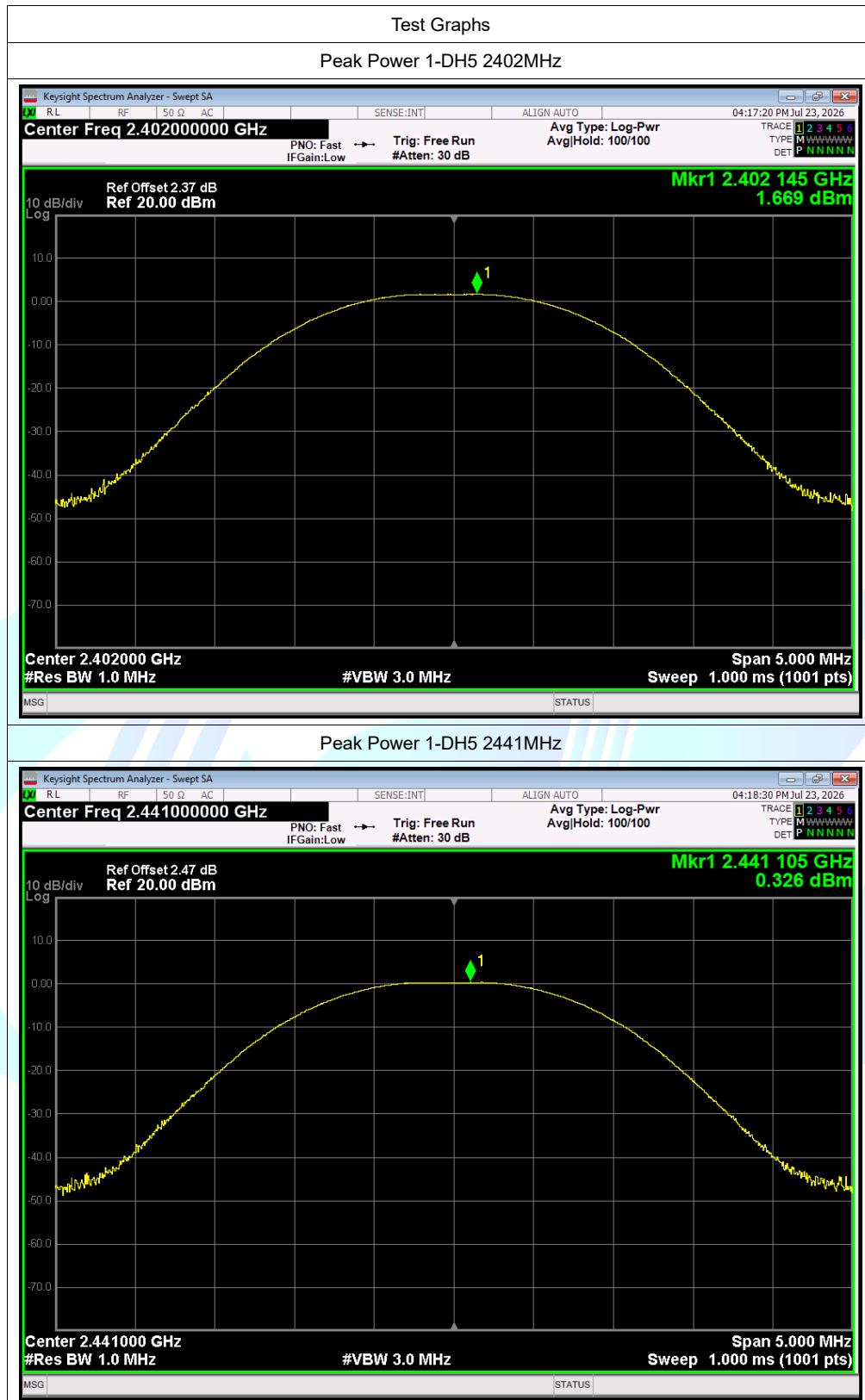




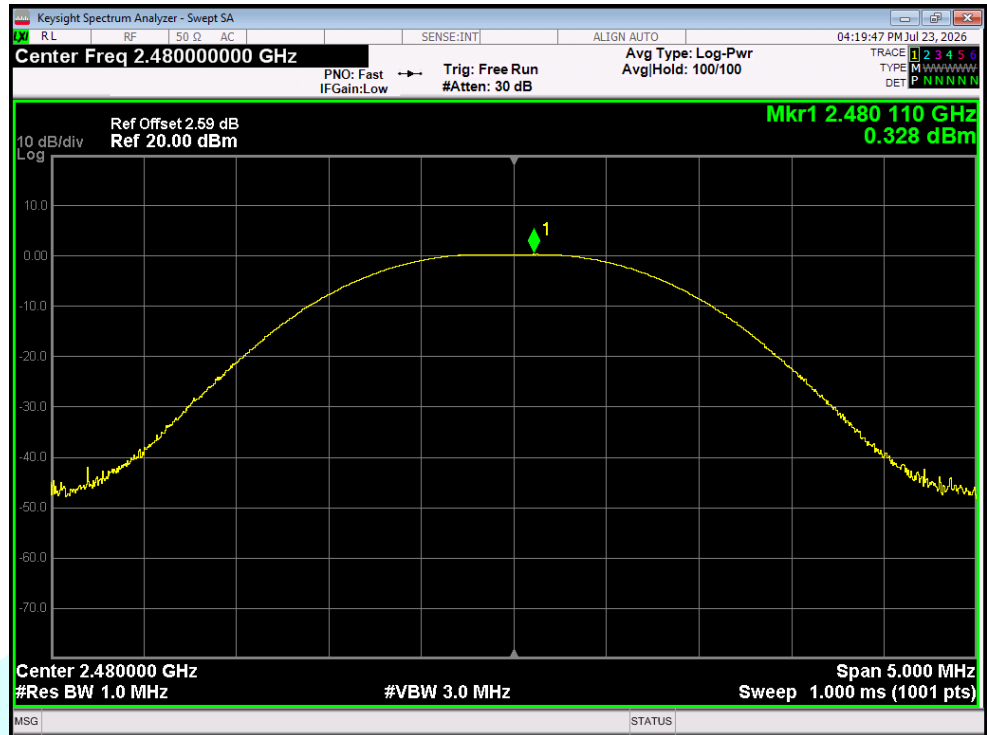


2 Maximum Peak Conducted Output Power

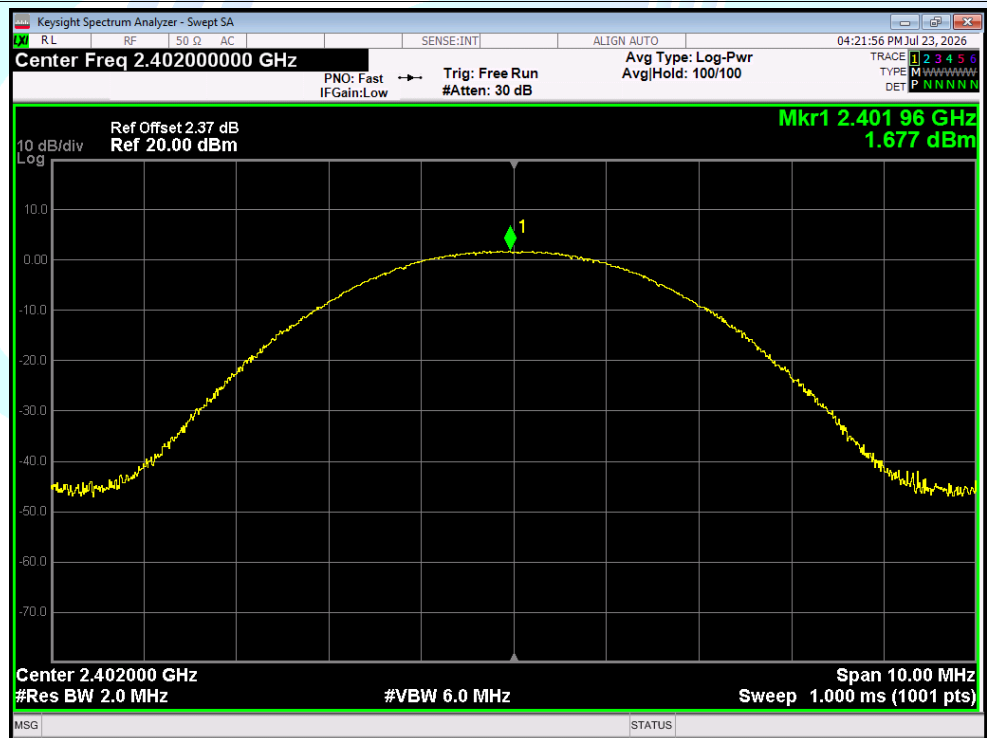
Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
1-DH5	2402	1.67	30	Pass
	2441	0.33	30	Pass
	2480	0.33	30	Pass
2-DH5	2402	1.68	30	Pass
	2441	0.37	30	Pass
	2480	0.39	30	Pass
3-DH5	2402	1.96	30	Pass
	2441	0.64	30	Pass
	2480	0.62	30	Pass



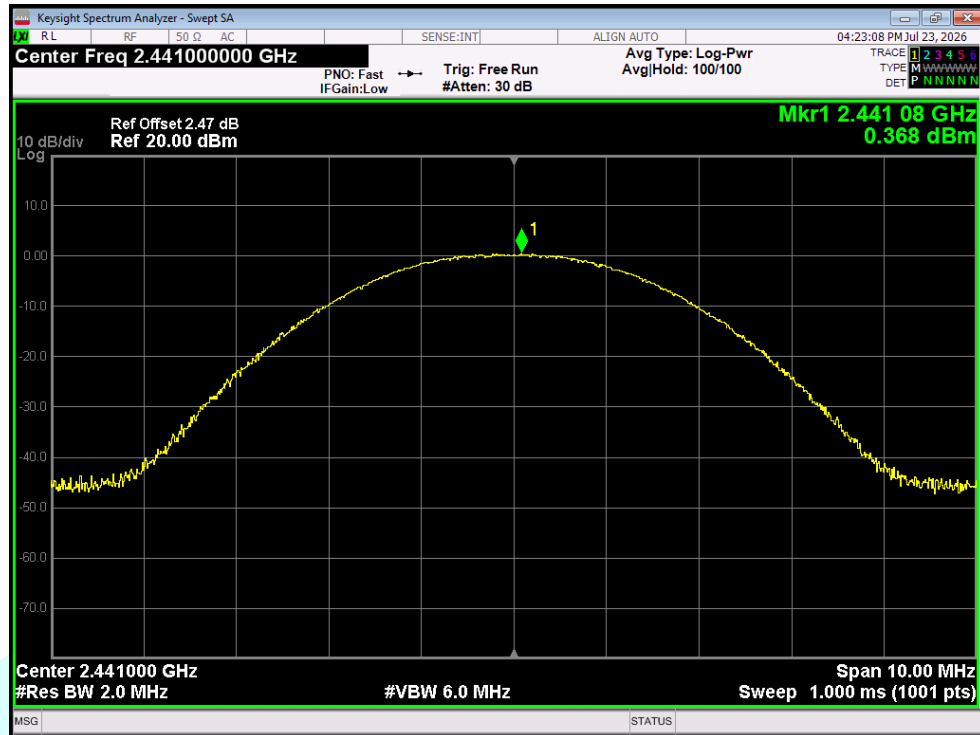
Peak Power 1-DH5 2480MHz



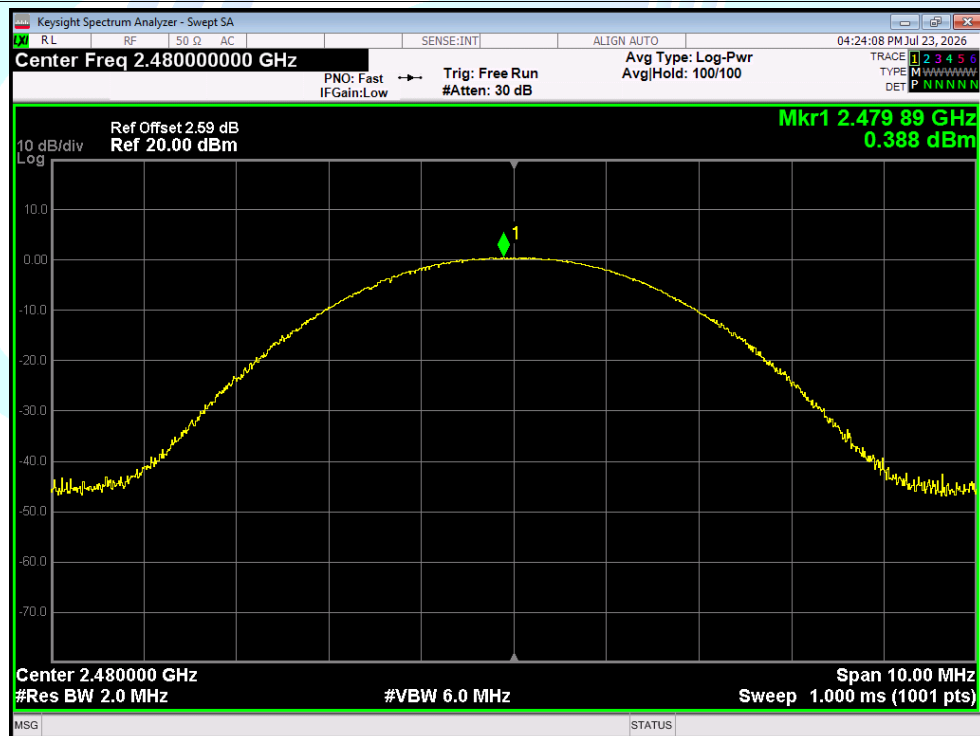
Peak Power 2-DH5 2402MHz



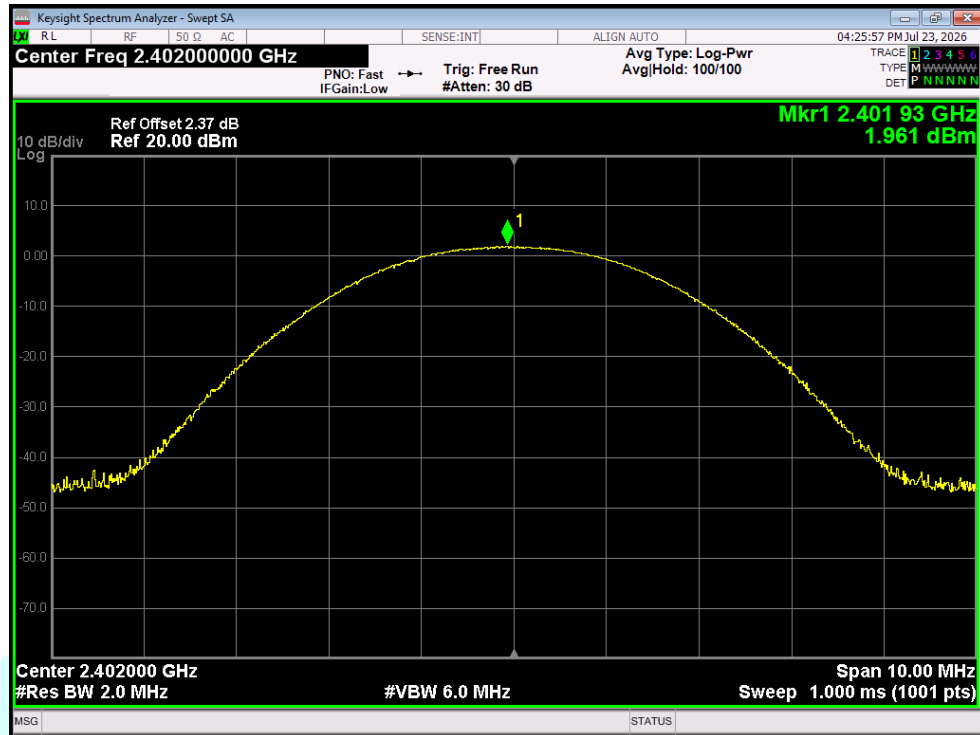
Peak Power 2-DH5 2441MHz



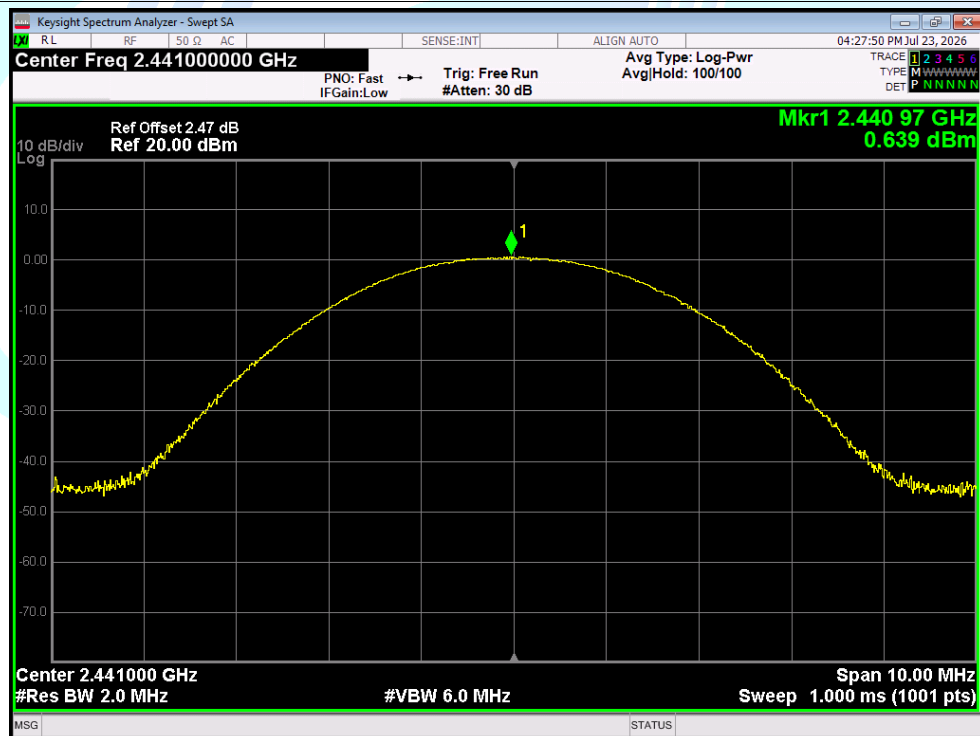
Peak Power 2-DH5 2480MHz

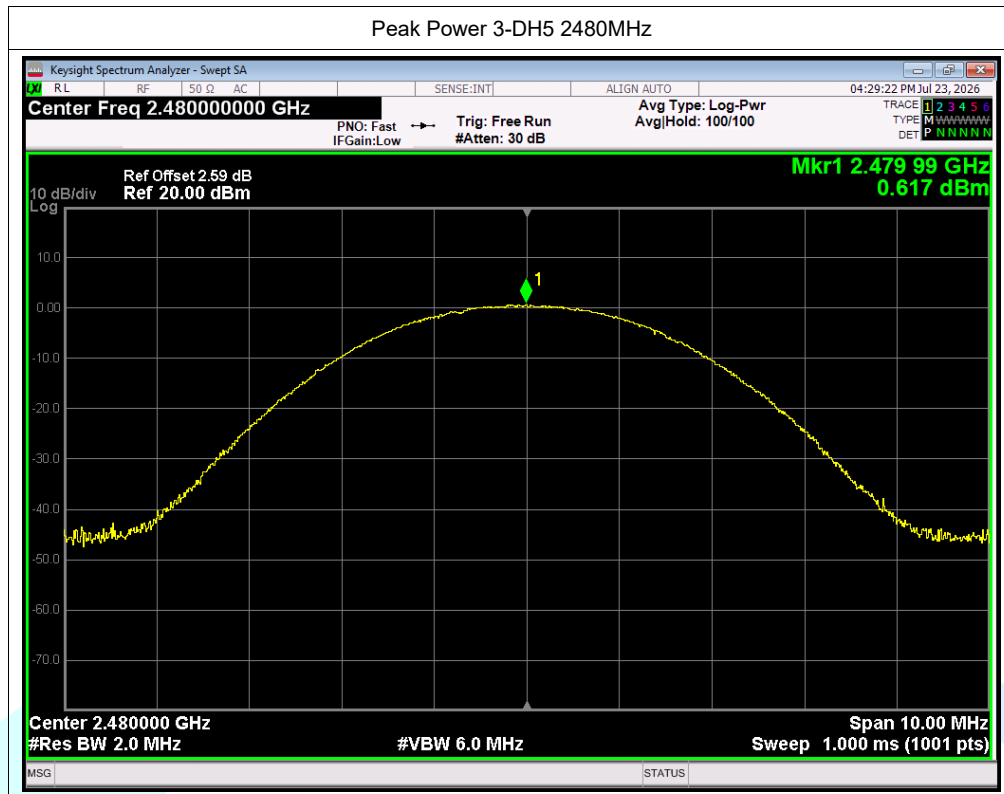


Peak Power 3-DH5 2402MHz



Peak Power 3-DH5 2441MHz

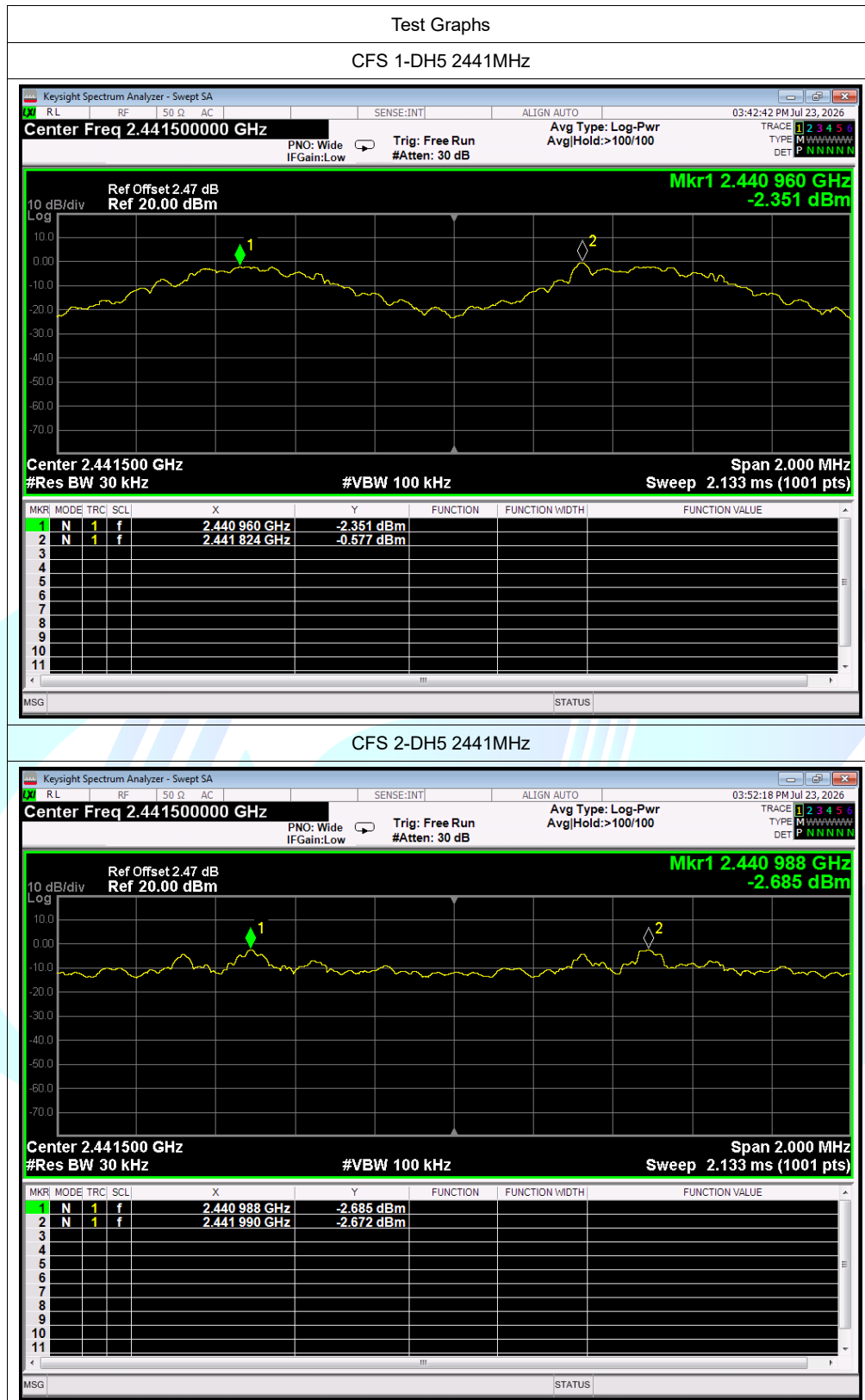


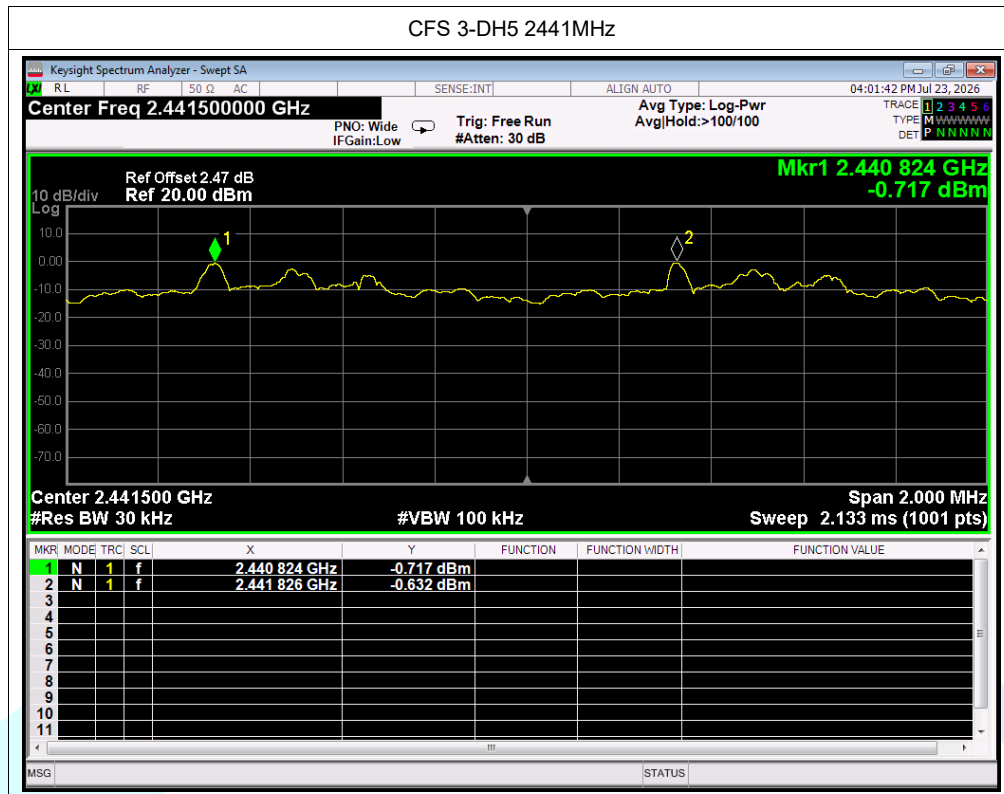


3 Carrier Frequencies Separation

Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
1-DH5	2440.96	2441.824	0.864	0.63	Pass
2-DH5	2440.988	2441.99	1.002	0.884	Pass
3-DH5	2440.824	2441.826	1.002	0.883	Pass



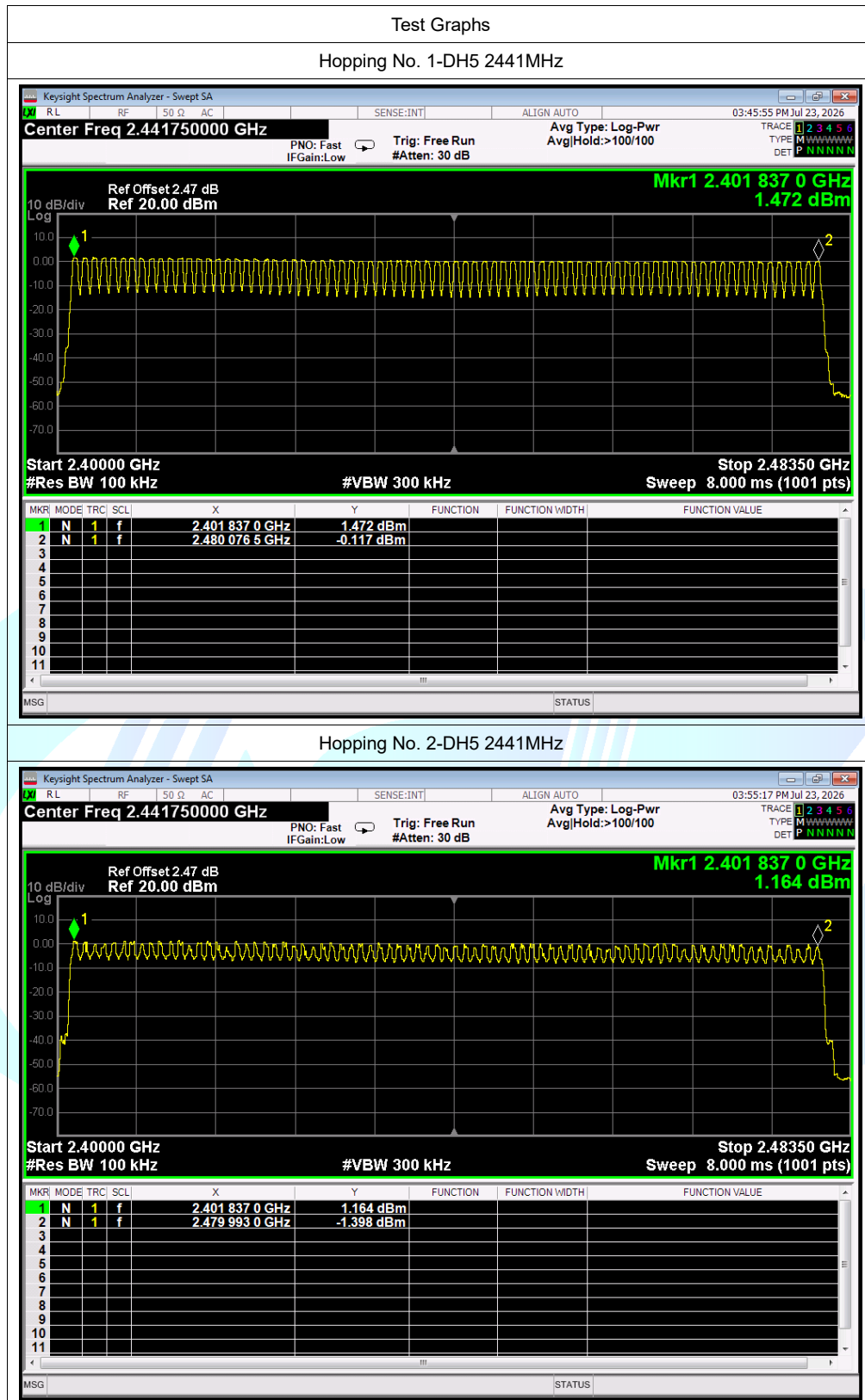


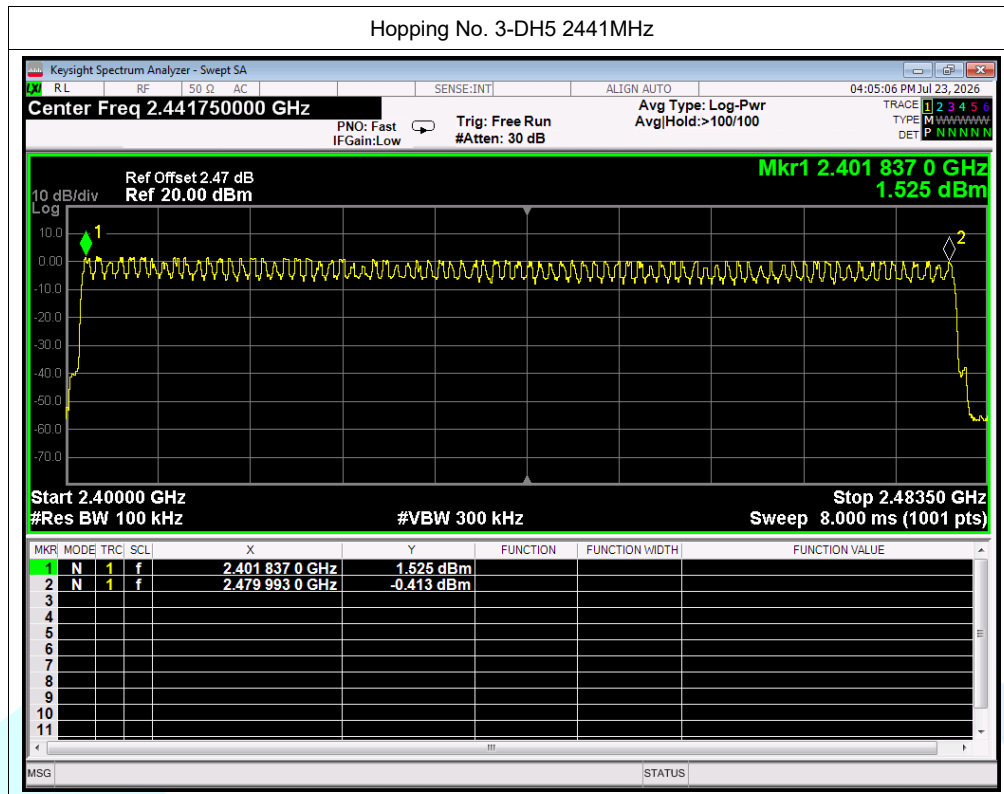


4 Number of Hopping Channel

Mode	Hopping Number	Limit	Verdict
1-DH5	79	15	Pass
2-DH5	79	15	Pass
3-DH5	79	15	Pass





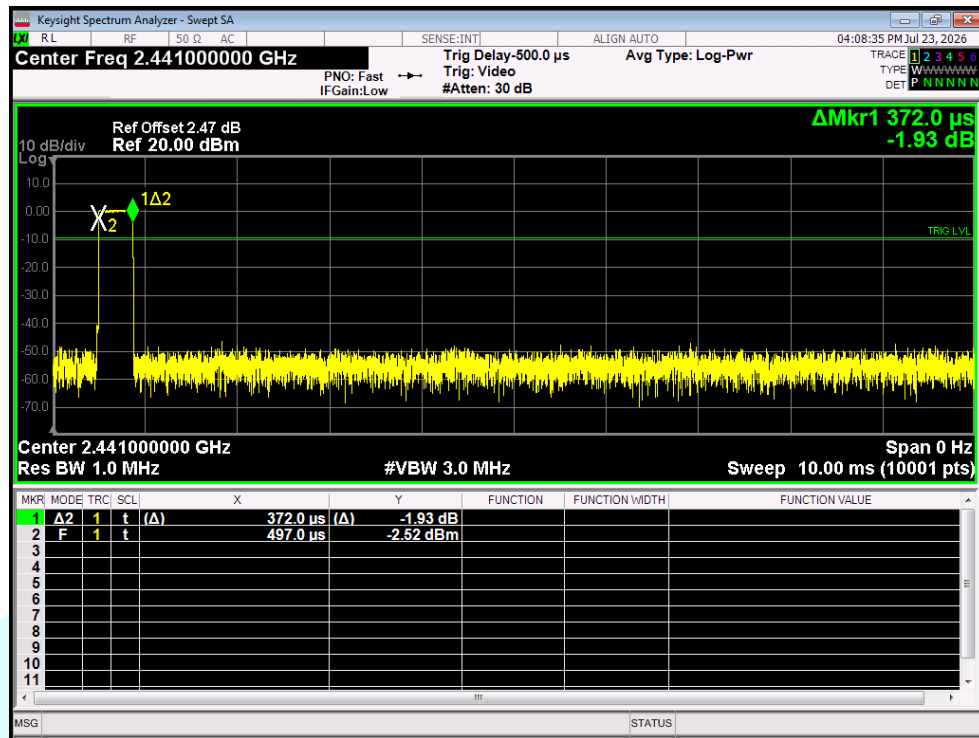


5 Dwell Time

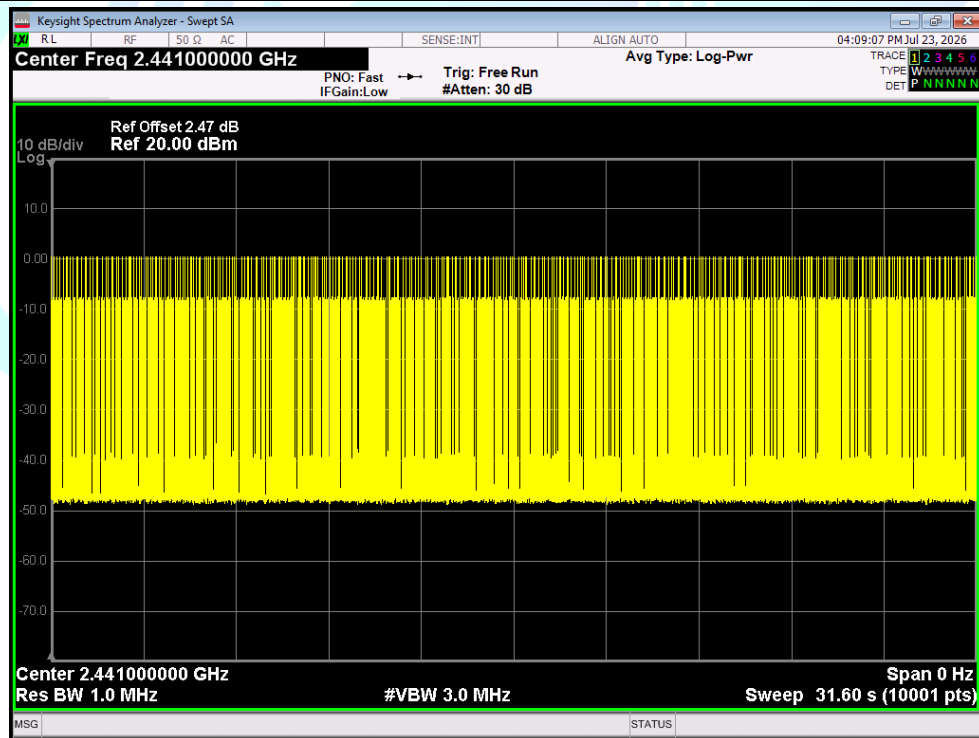
Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
1-DH1	2441	0.372	118.668	319	31600	400	Pass
1-DH3	2441	1.619	257.421	159	31600	400	Pass
1-DH5	2441	2.867	306.769	107	31600	400	Pass
2-DH1	2441	0.376	119.568	318	31600	400	Pass
2-DH3	2441	1.627	261.947	161	31600	400	Pass
2-DH5	2441	2.879	305.174	106	31600	400	Pass
3-DH1	2441	0.379	120.901	319	31600	400	Pass
3-DH3	2441	1.629	260.64	160	31600	400	Pass
3-DH5	2441	2.88	308.16	107	31600	400	Pass

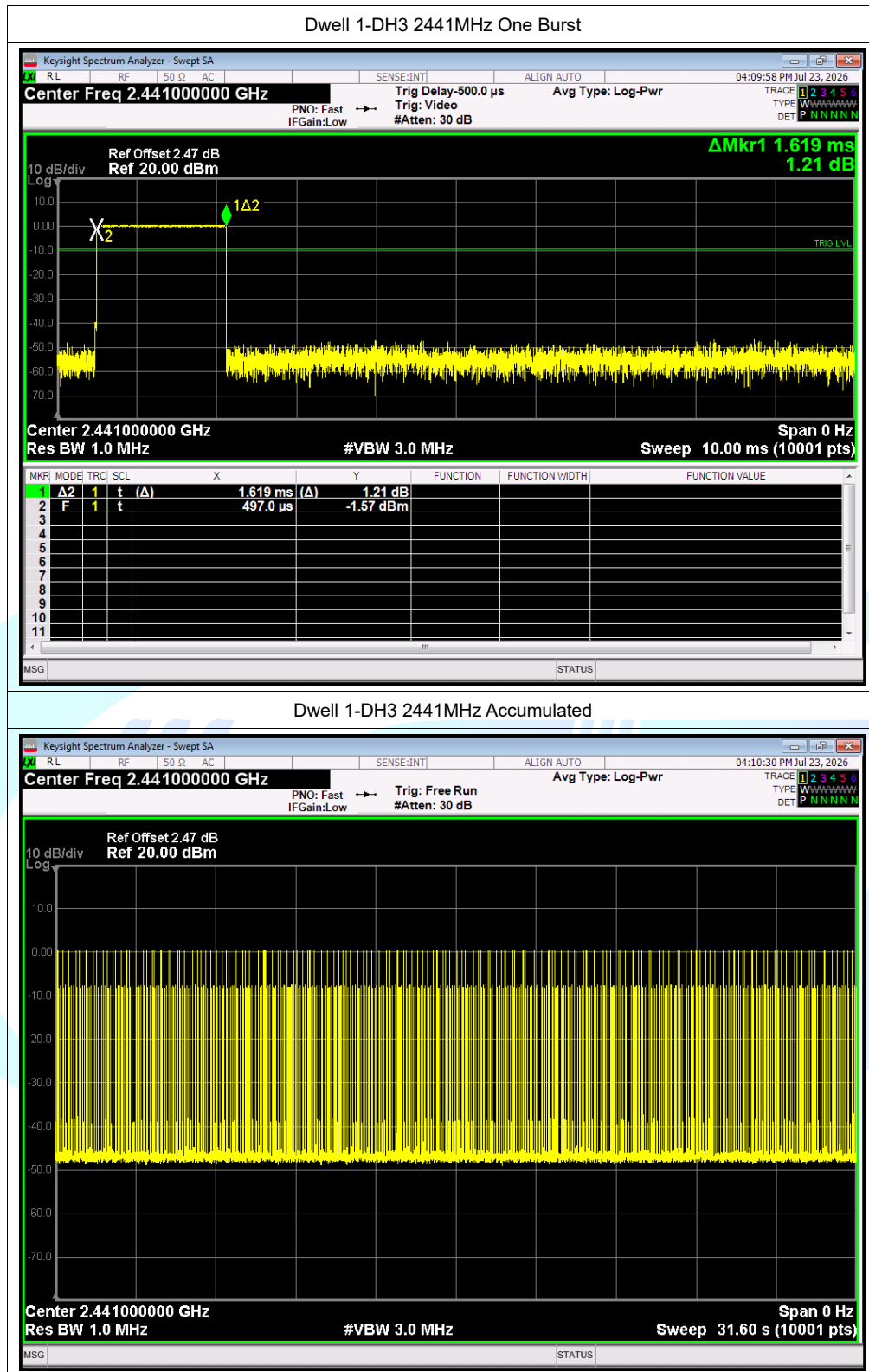
Test Graphs

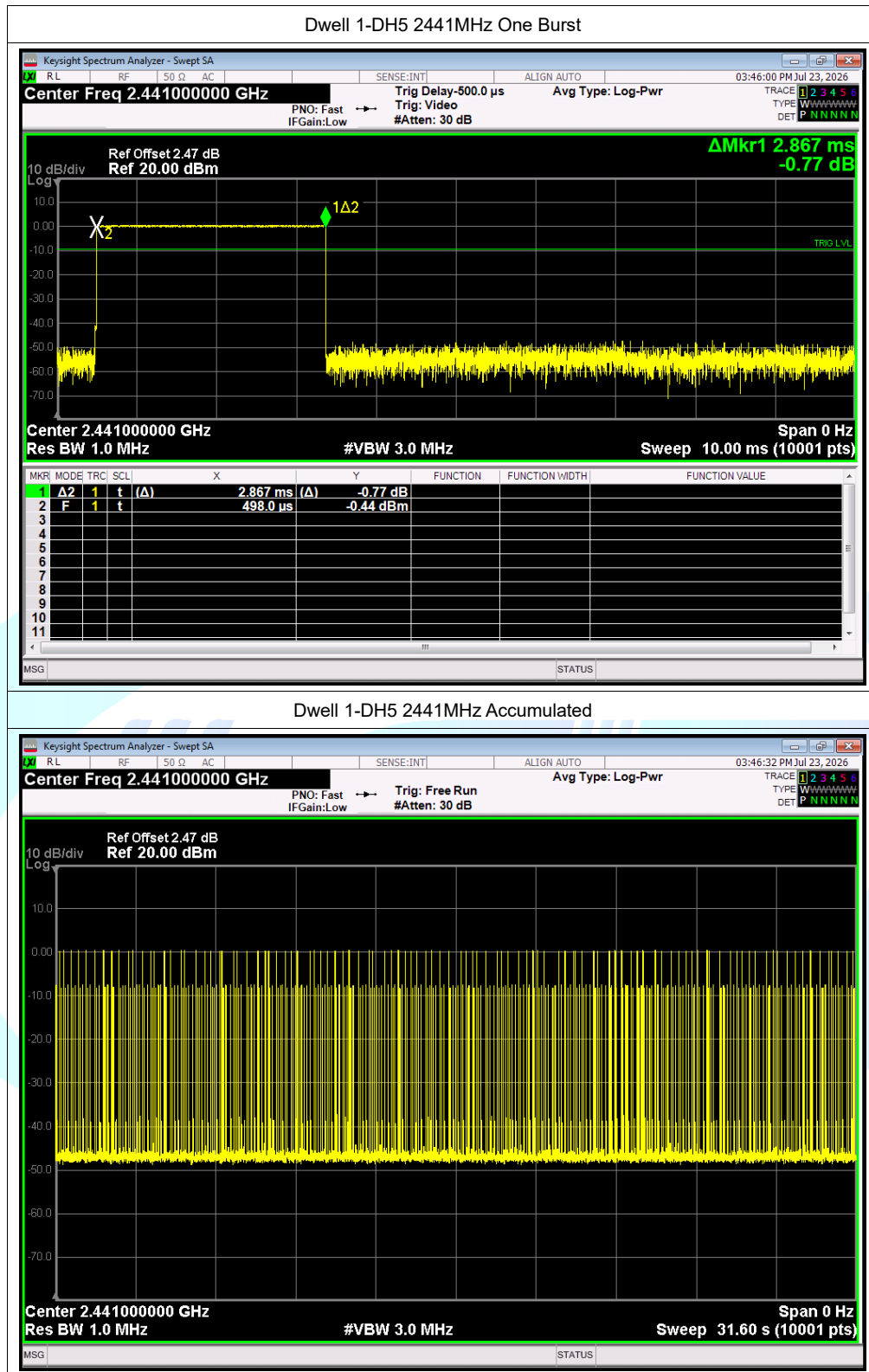
Dwell 1-DH1 2441MHz One Burst

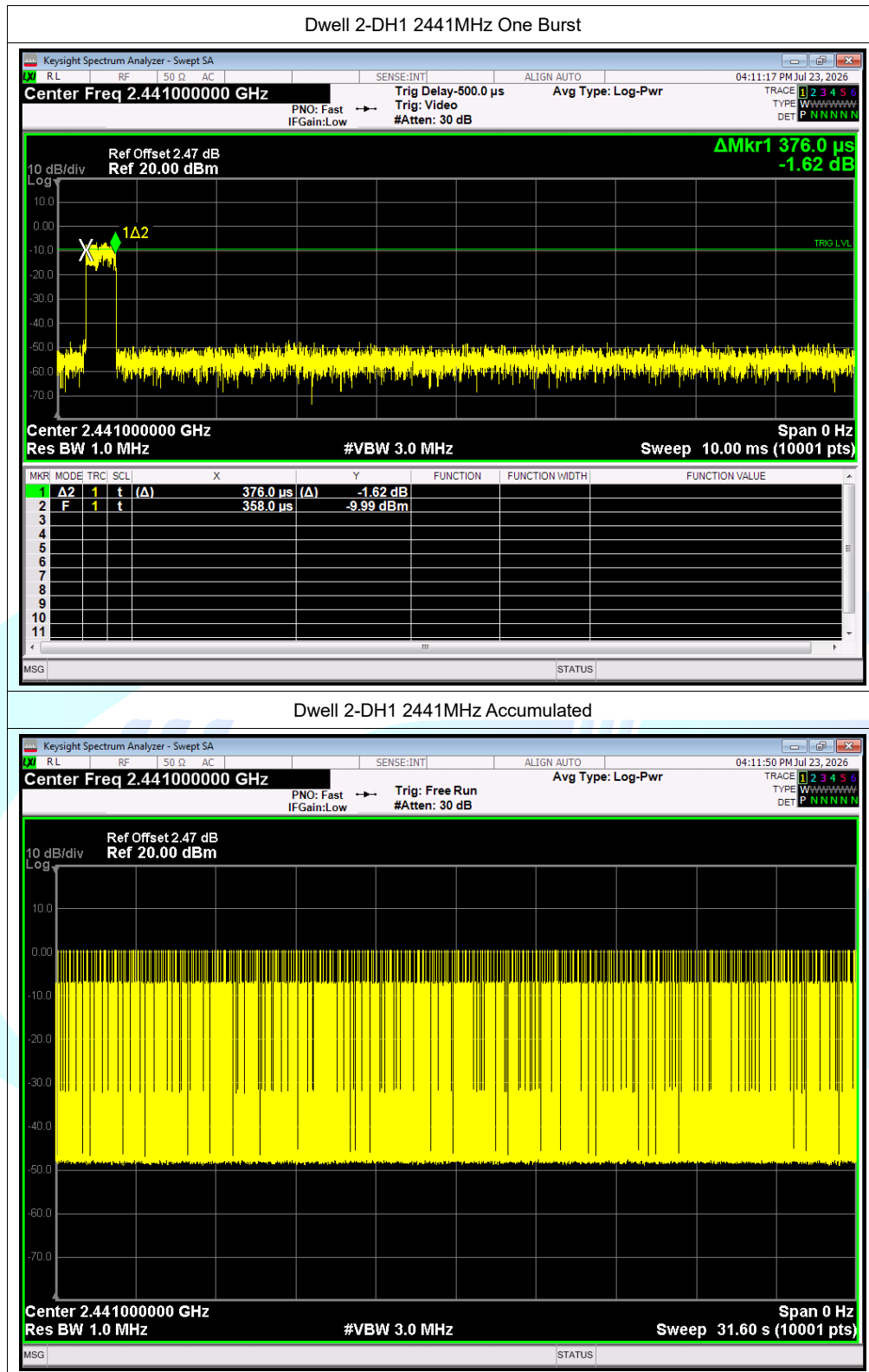


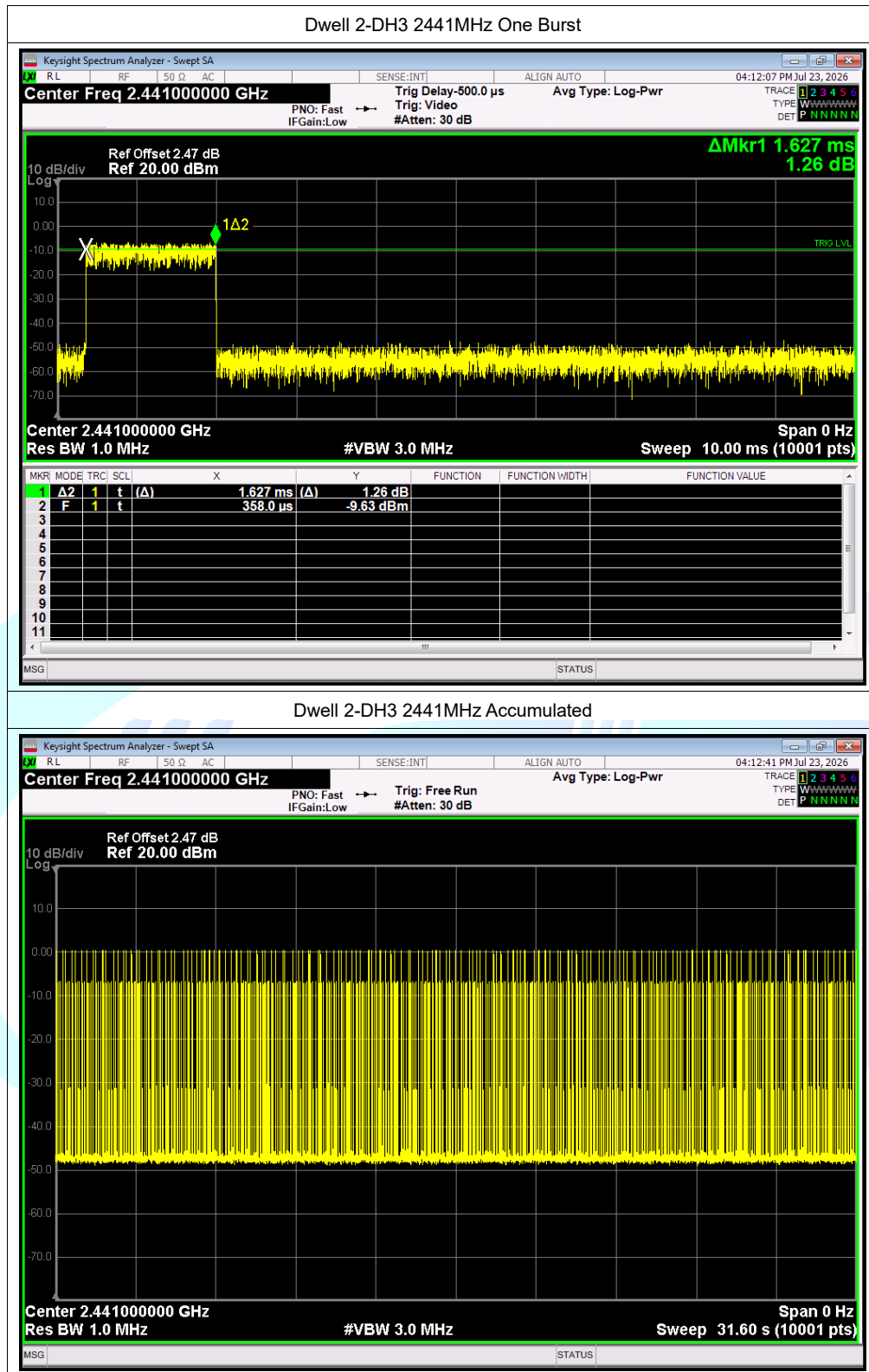
Dwell 1-DH1 2441MHz Accumulated

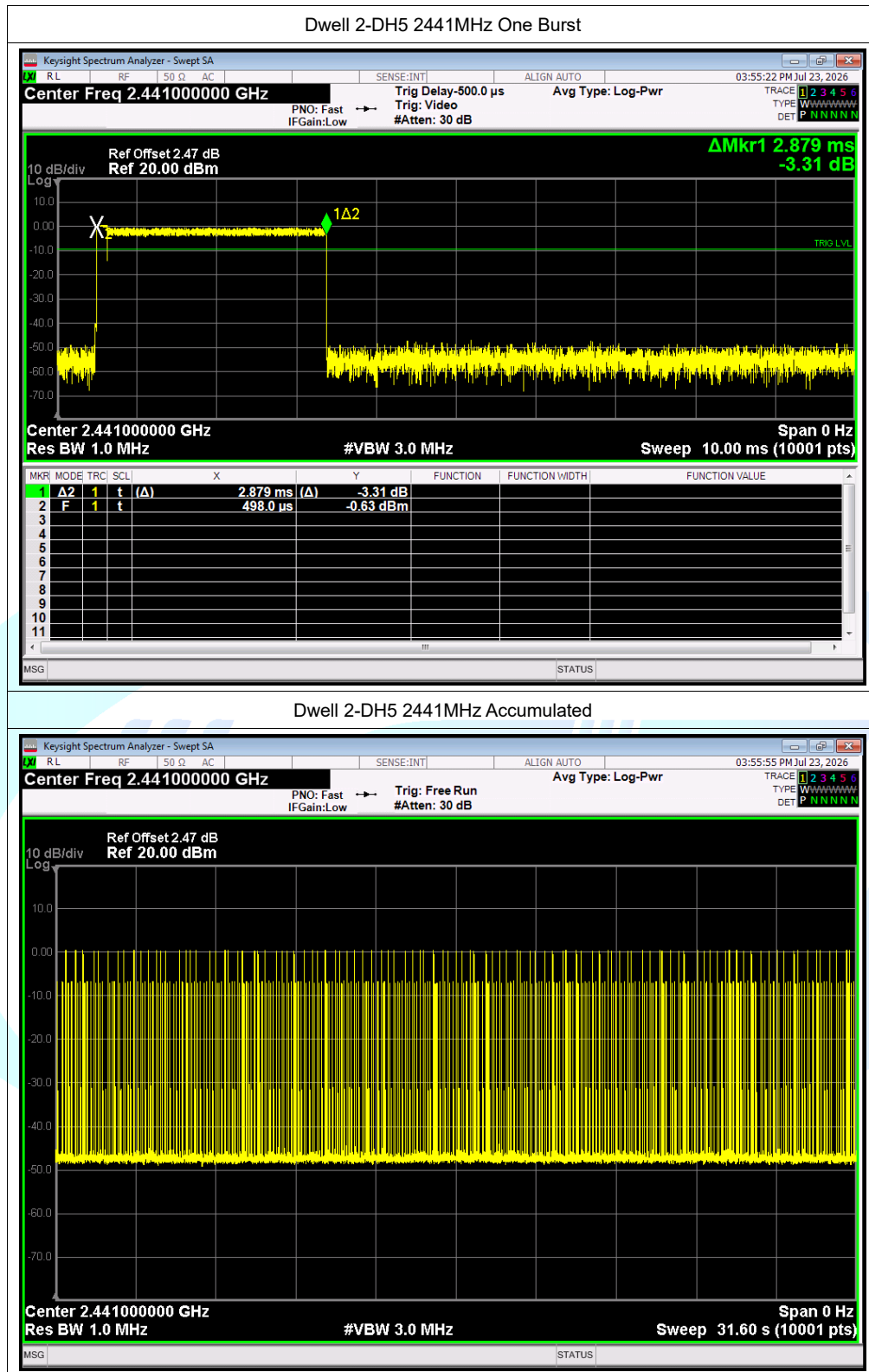


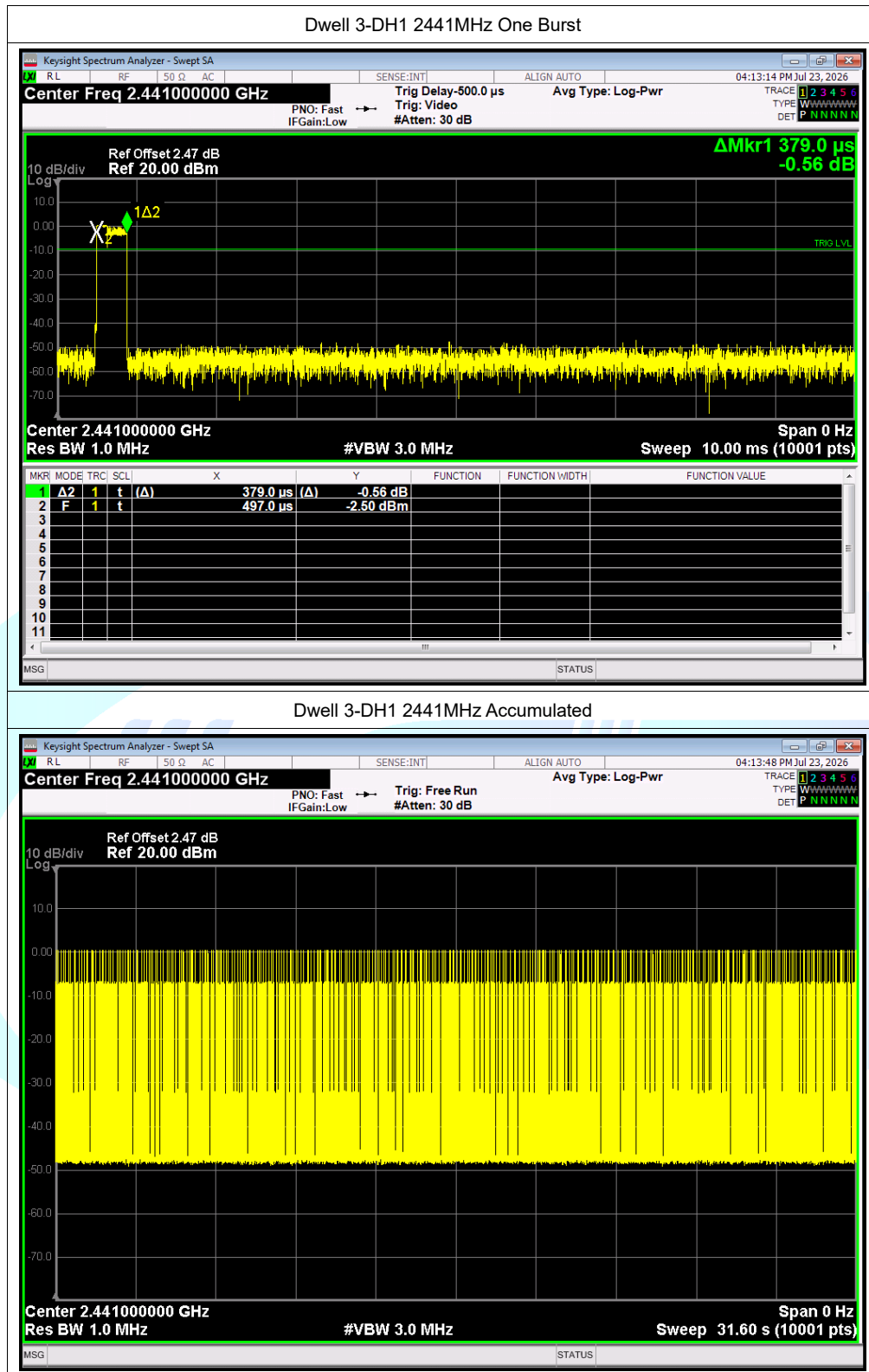


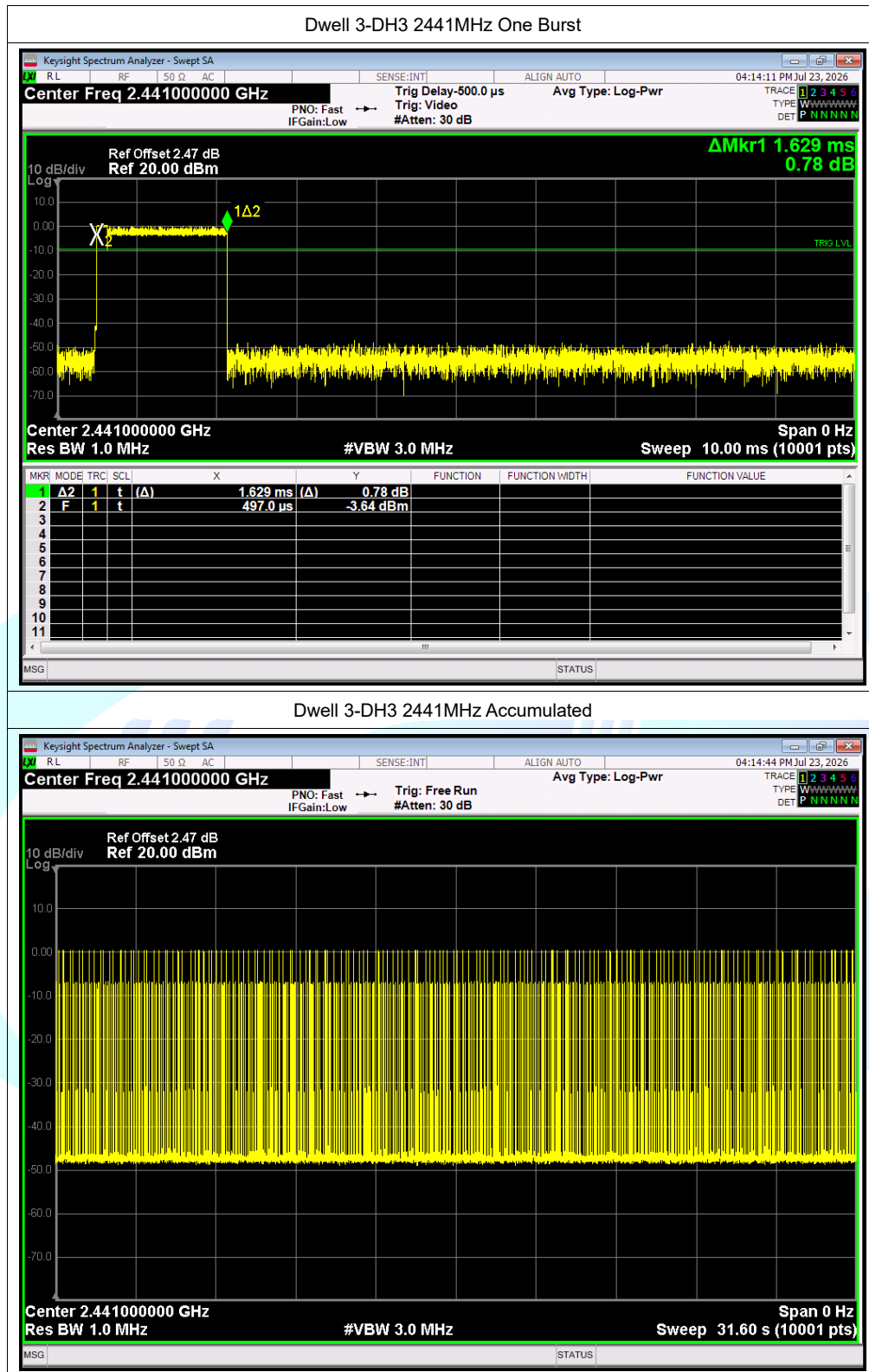


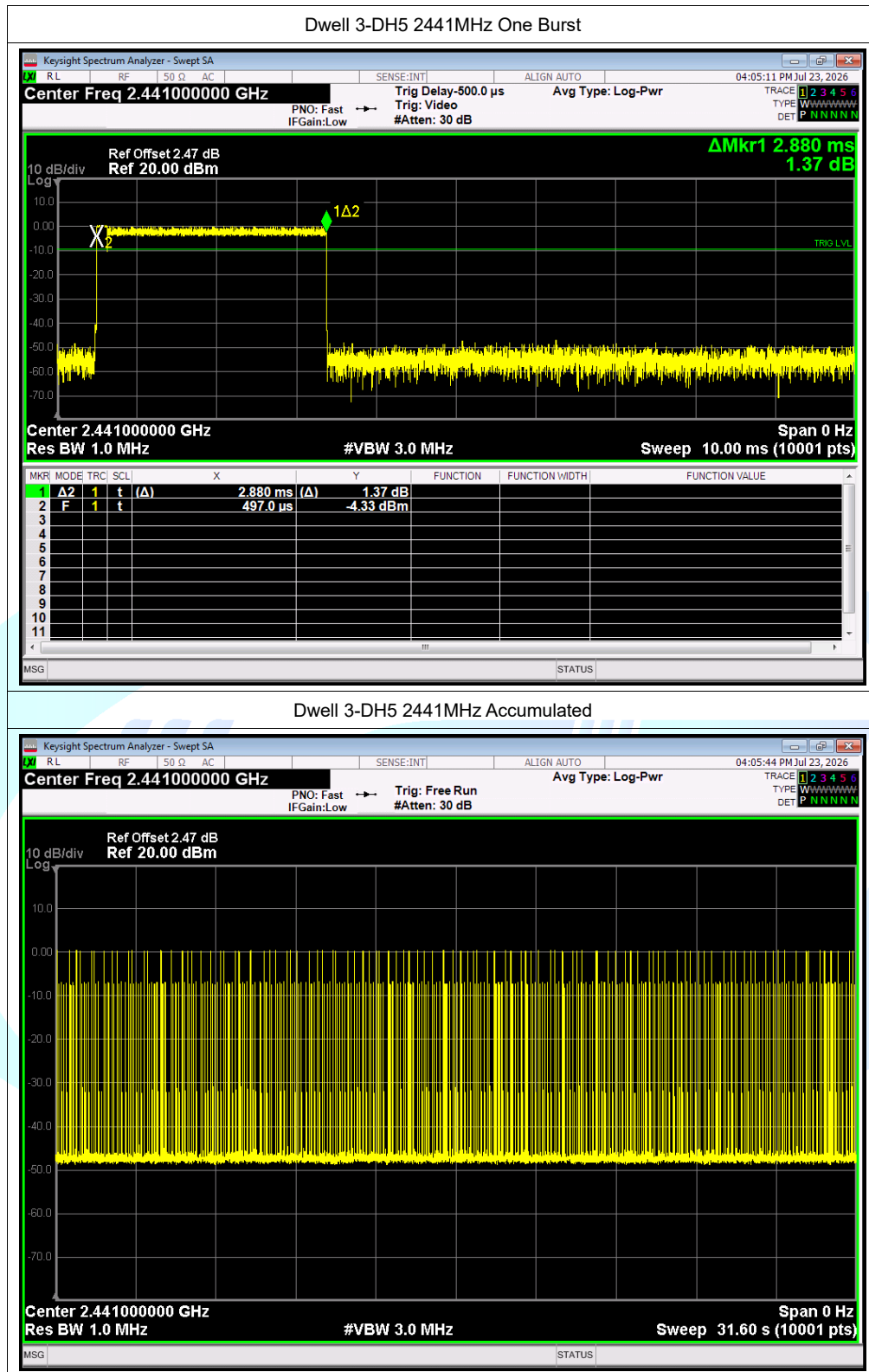








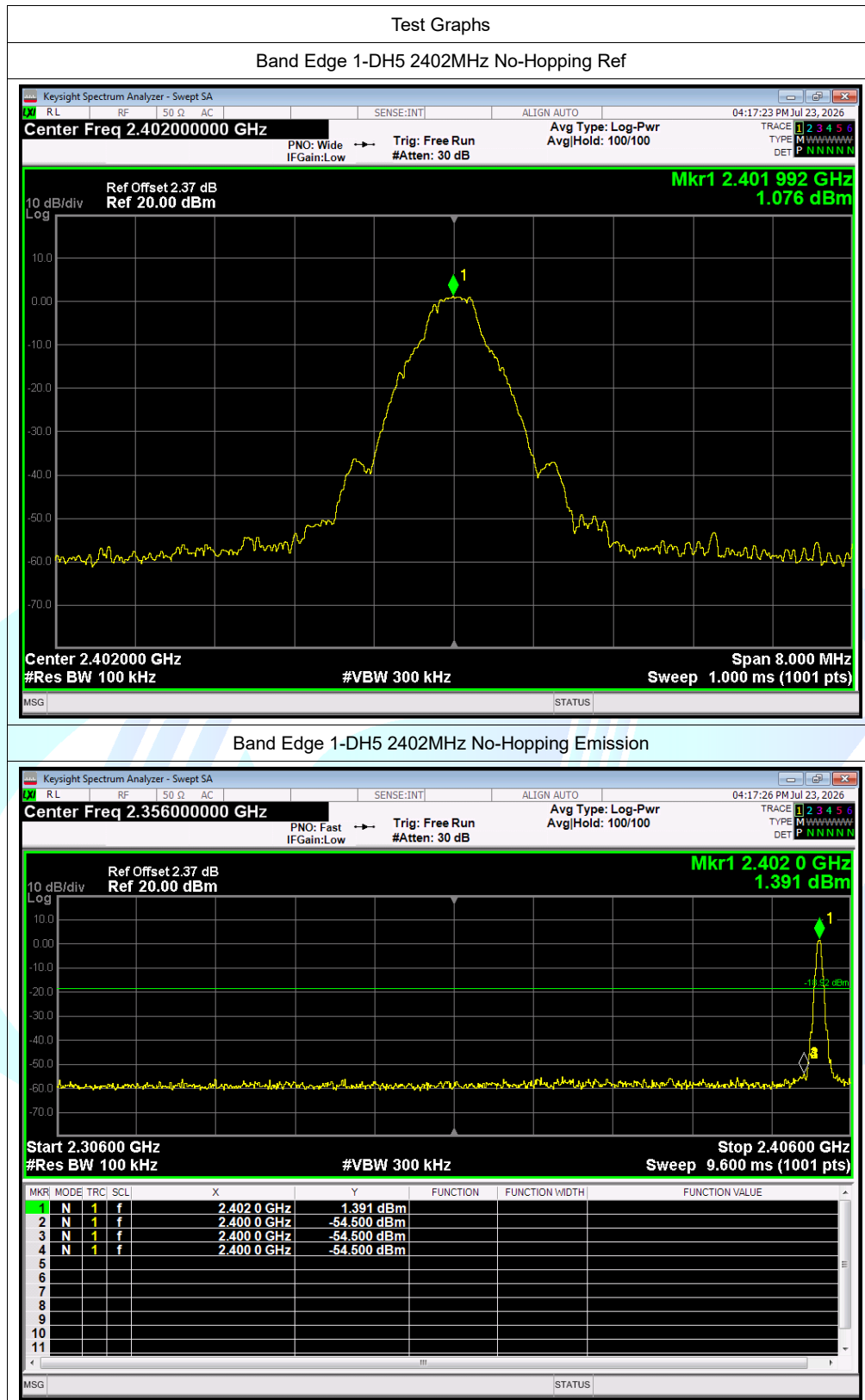




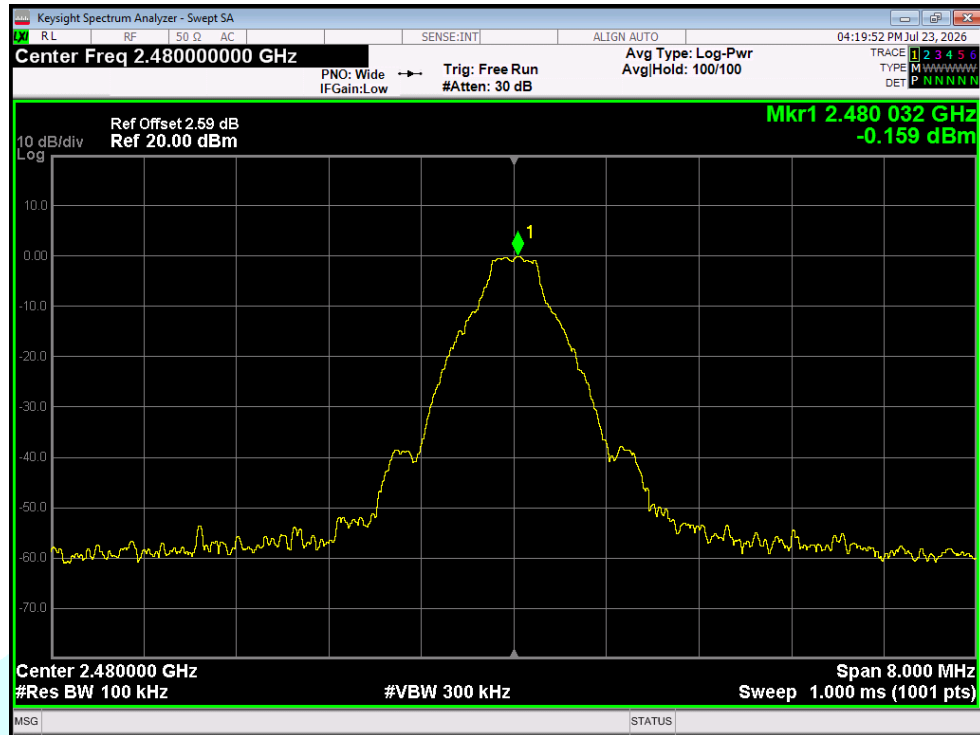
6 Band Edge

Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	No-Hopping	-55.57	-20	Pass
	2480	No-Hopping	-55.51	-20	Pass
2-DH5	2402	No-Hopping	-55.28	-20	Pass
	2480	No-Hopping	-53.75	-20	Pass
3-DH5	2402	No-Hopping	-56.45	-20	Pass
	2480	No-Hopping	-56.02	-20	Pass

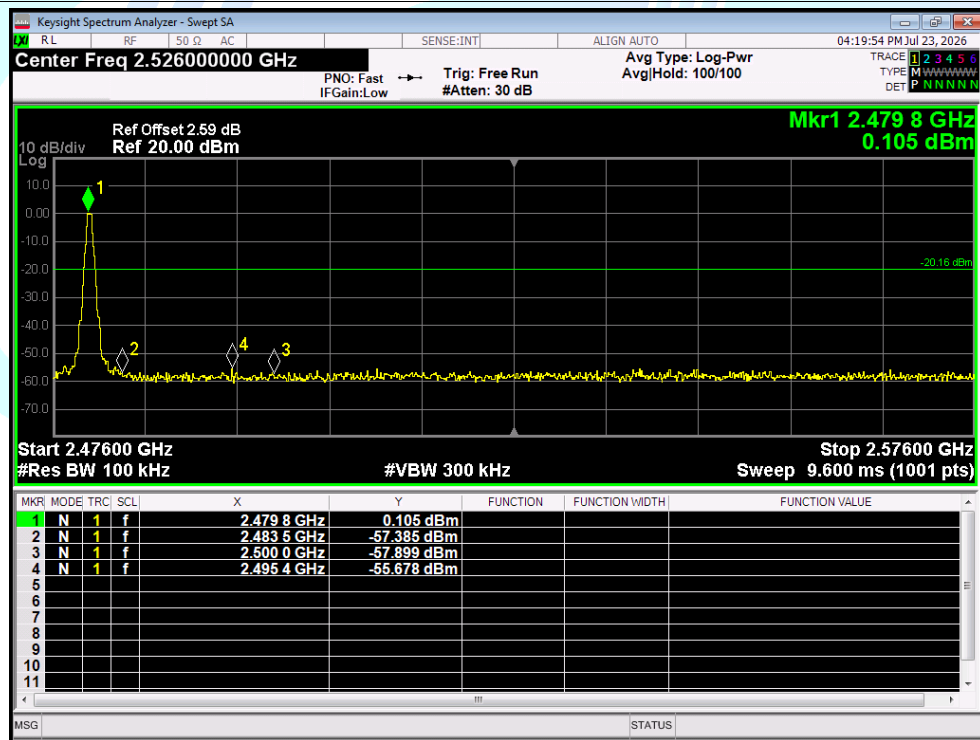




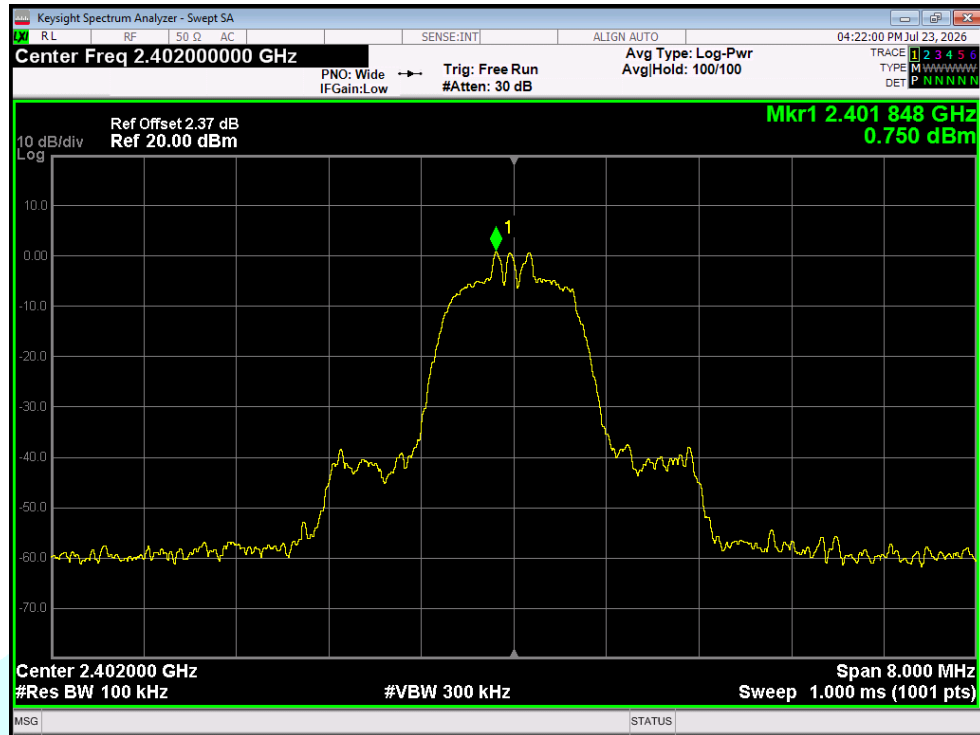
Band Edge 1-DH5 2480MHz No-Hopping Ref



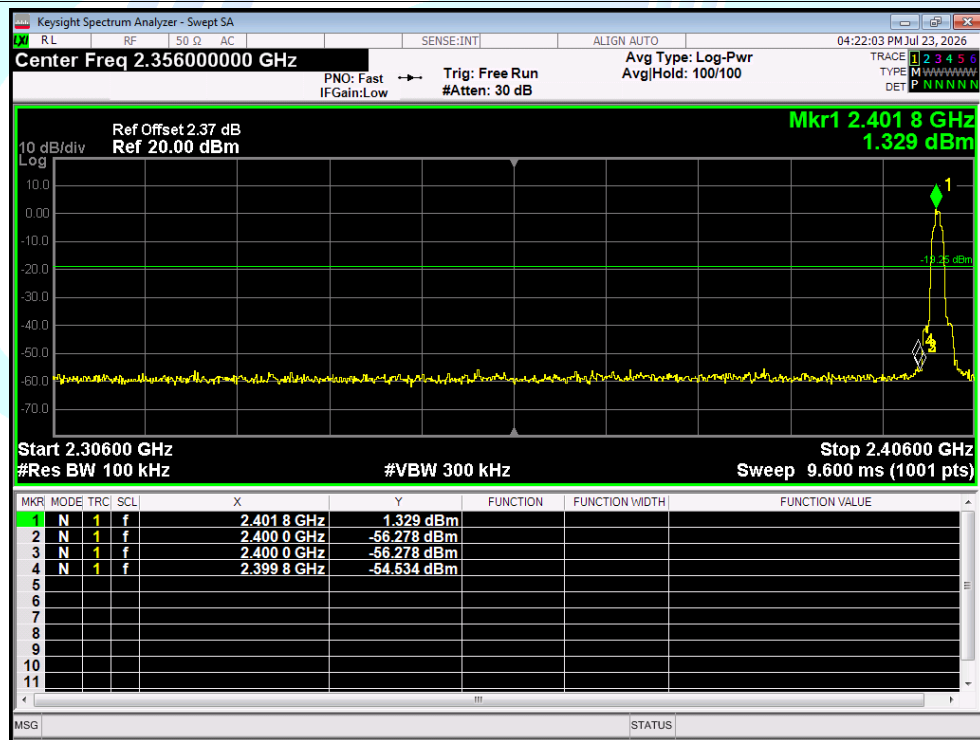
Band Edge 1-DH5 2480MHz No-Hopping Emission



Band Edge 2-DH5 2402MHz No-Hopping Ref



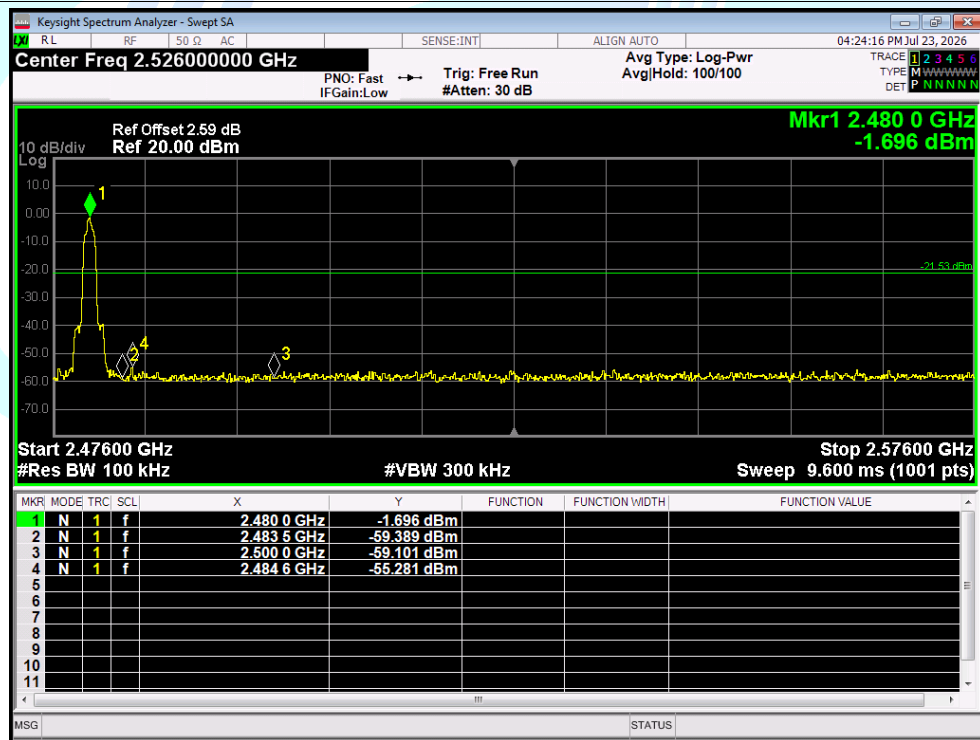
Band Edge 2-DH5 2402MHz No-Hopping Emission

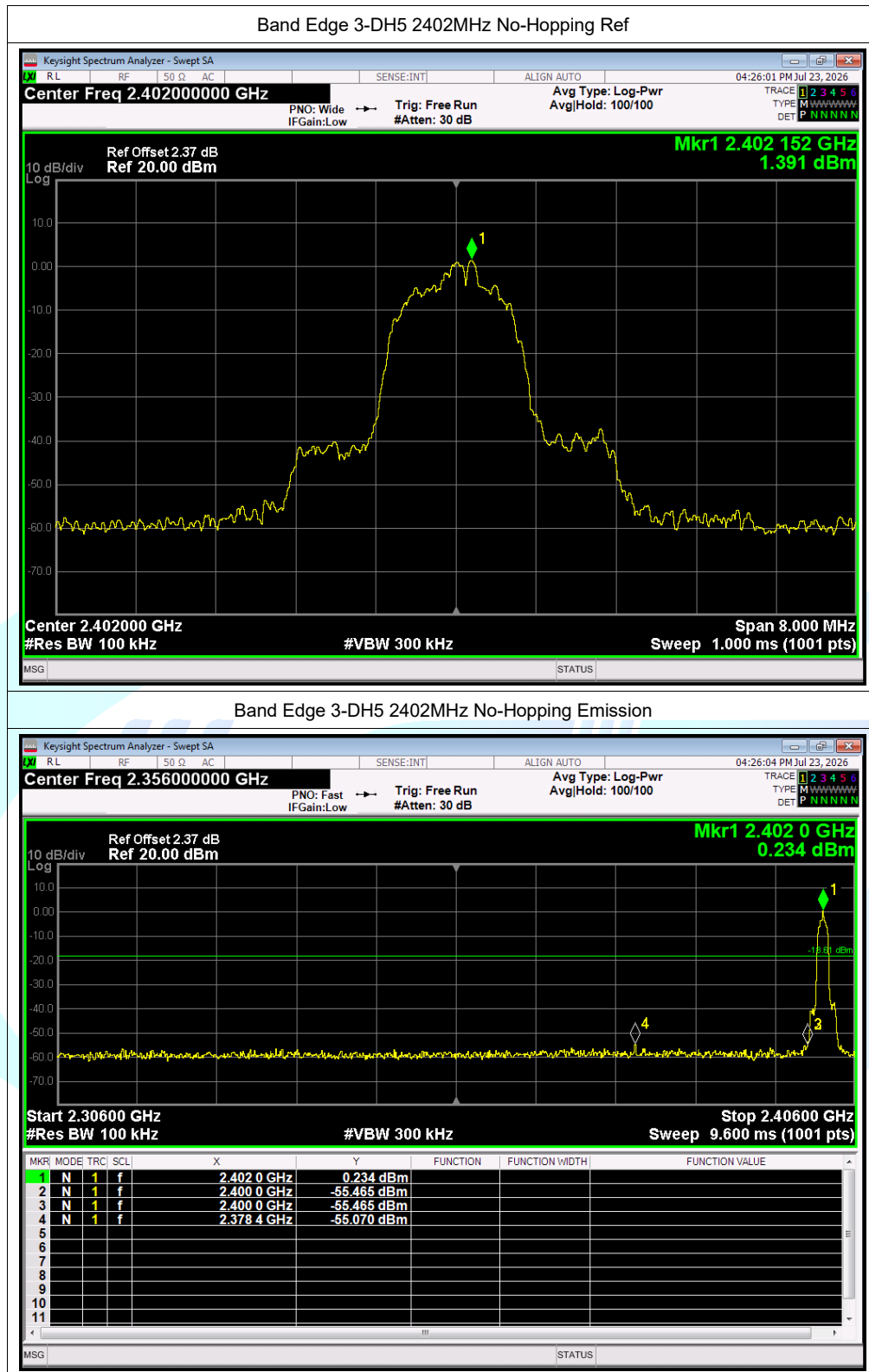


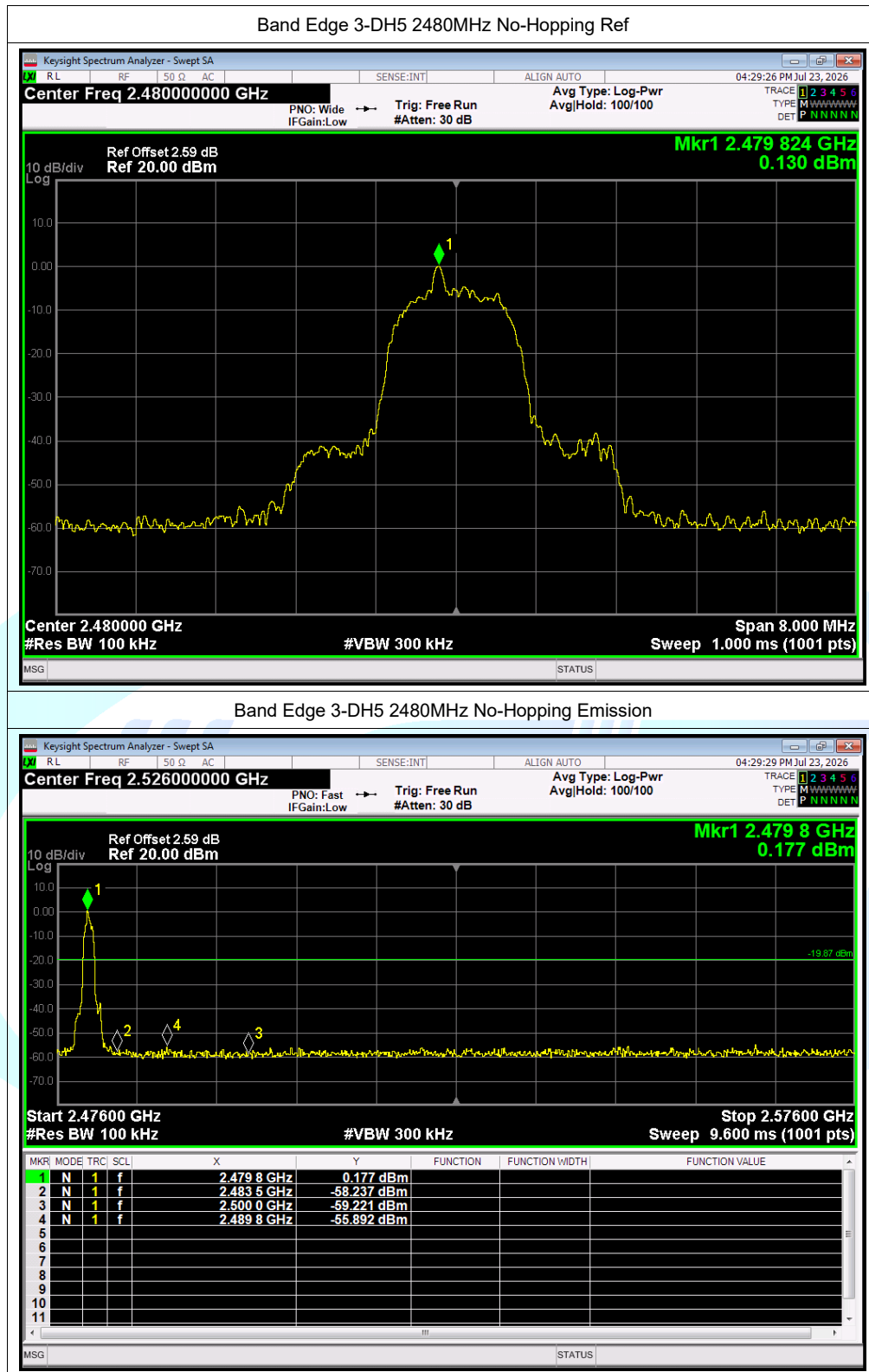
Band Edge 2-DH5 2480MHz No-Hopping Ref



Band Edge 2-DH5 2480MHz No-Hopping Emission



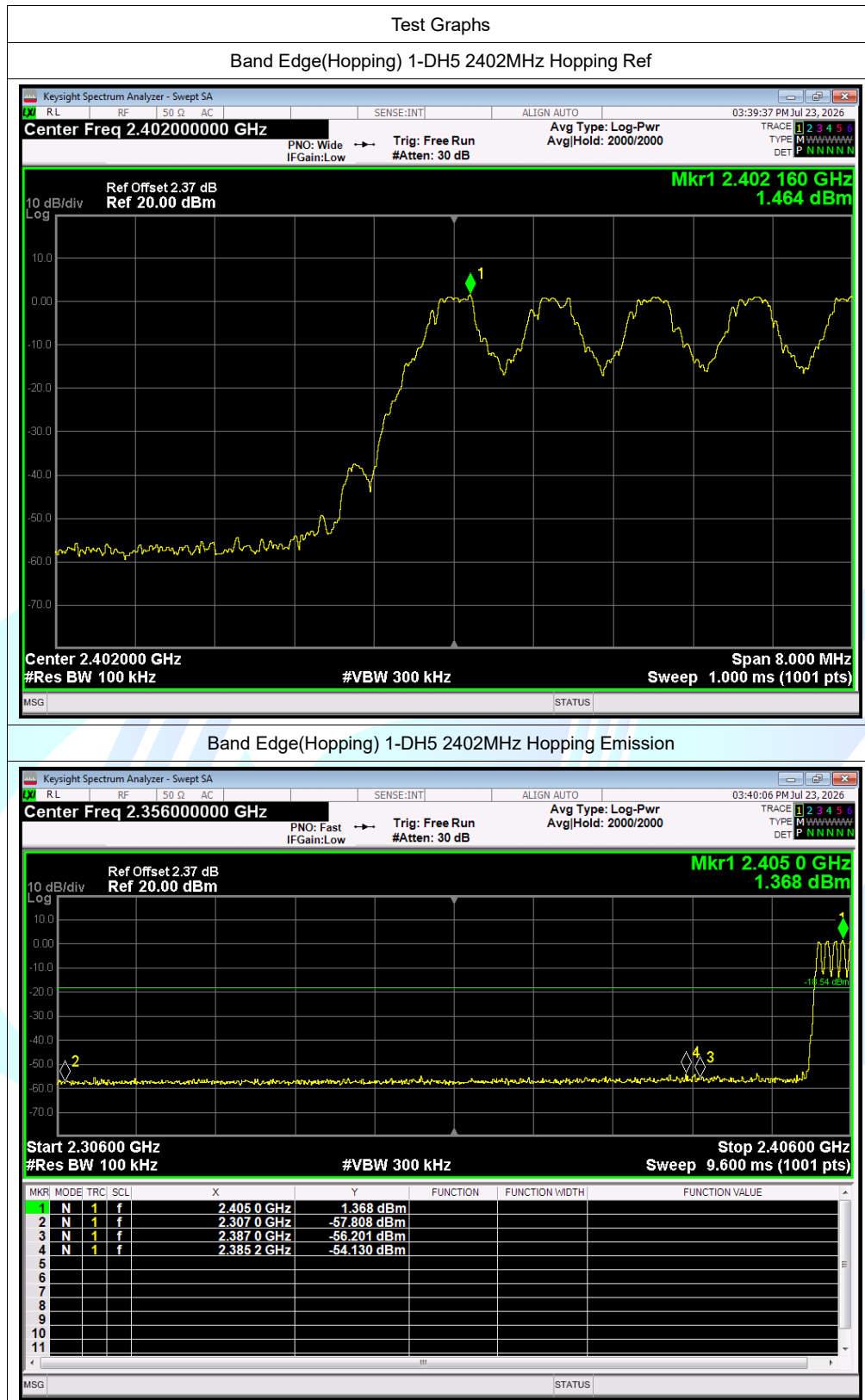


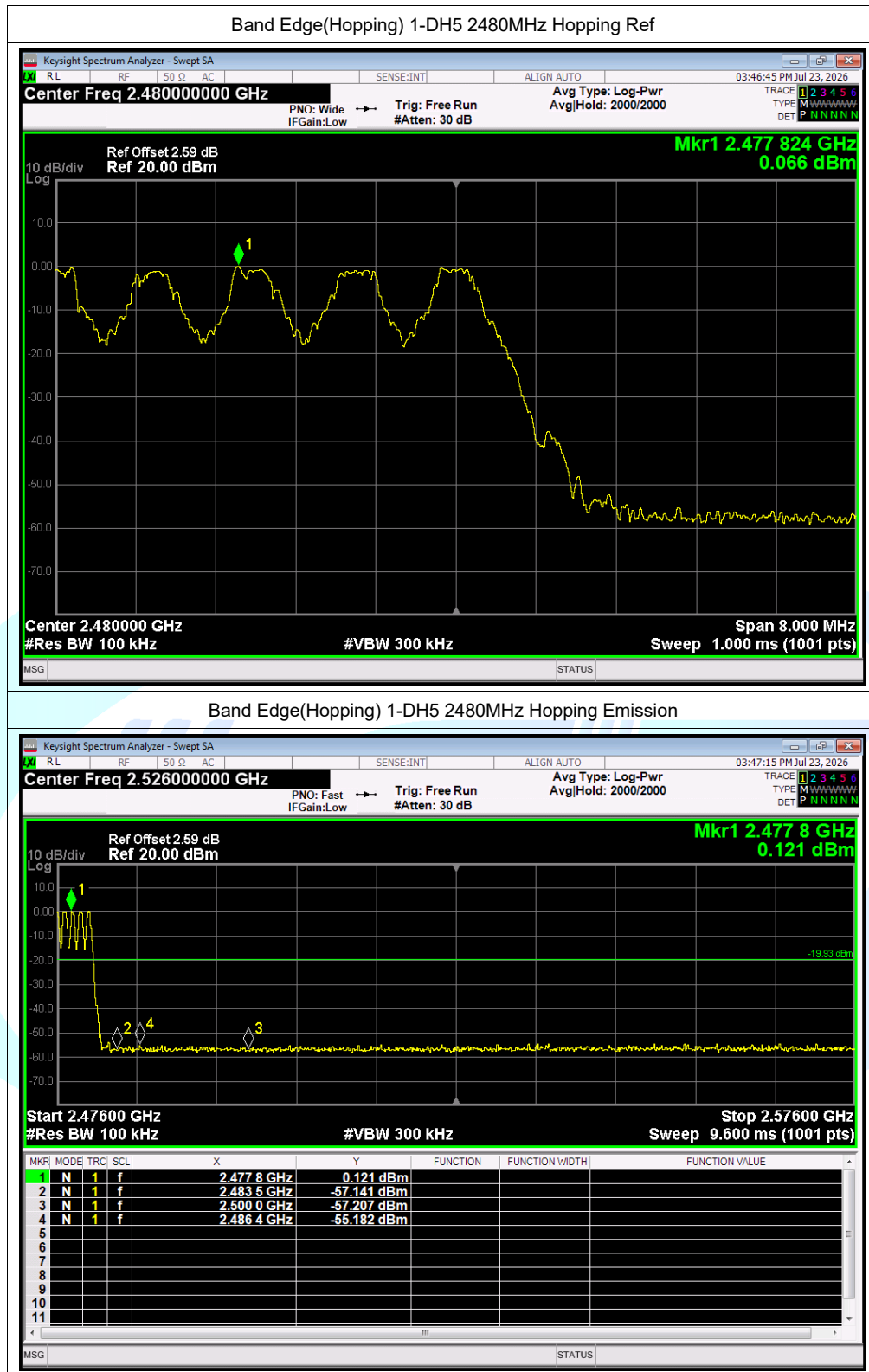


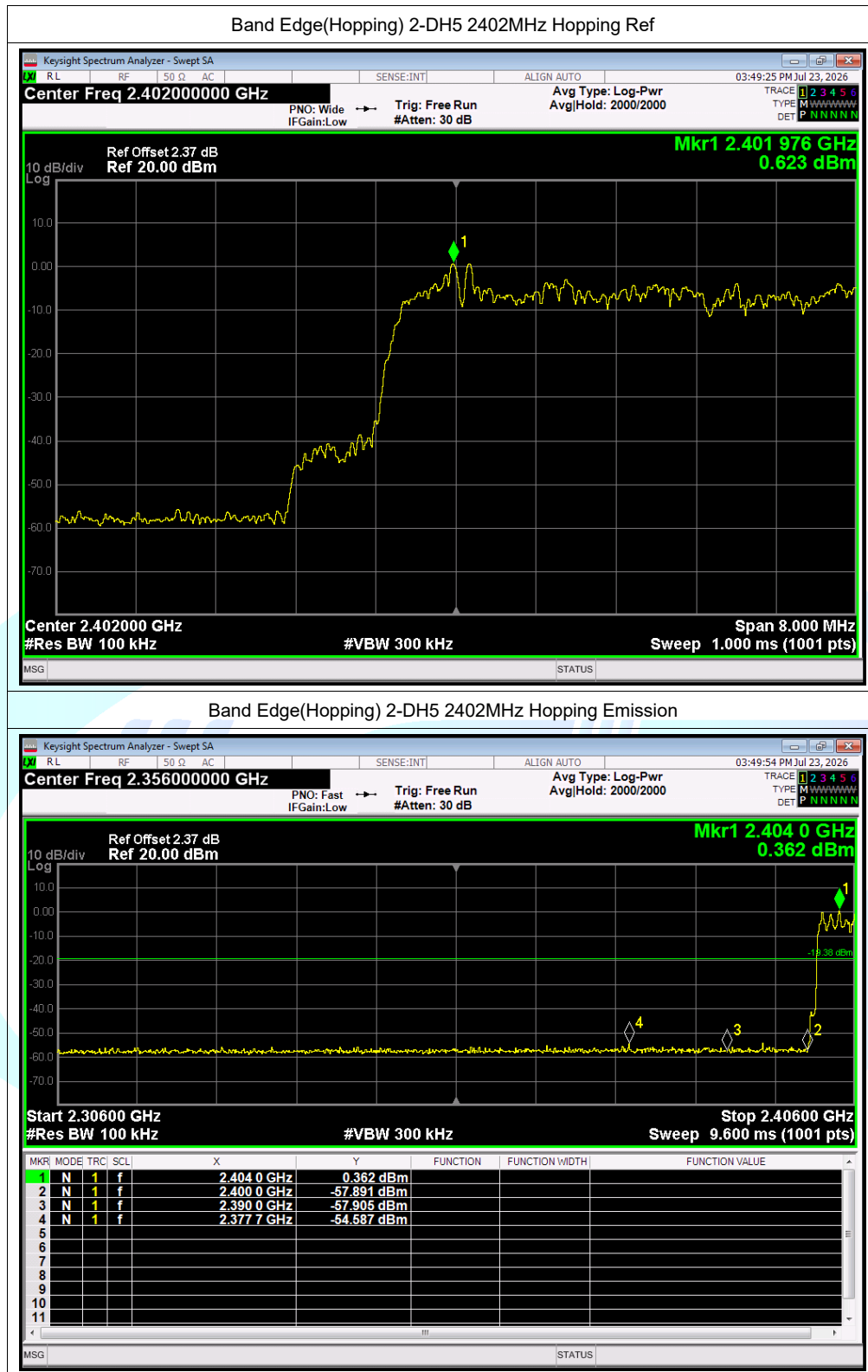
7 Band Edge(Hopping)

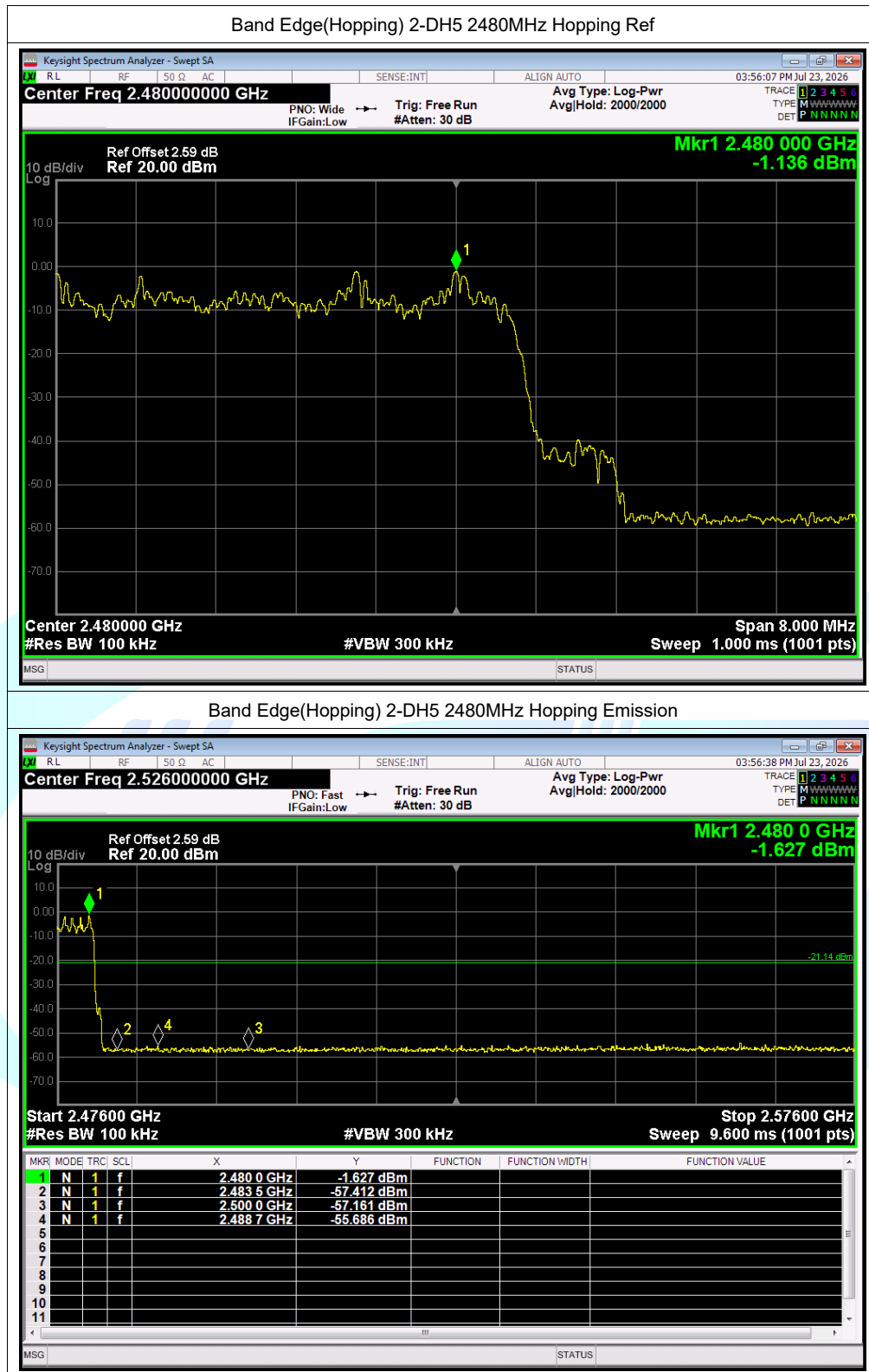
Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	Hopping	-55.58	-20	Pass
	2480	Hopping	-55.25	-20	Pass
2-DH5	2402	Hopping	-55.2	-20	Pass
	2480	Hopping	-54.54	-20	Pass
3-DH5	2402	Hopping	-56.4	-20	Pass
	2480	Hopping	-55.07	-20	Pass

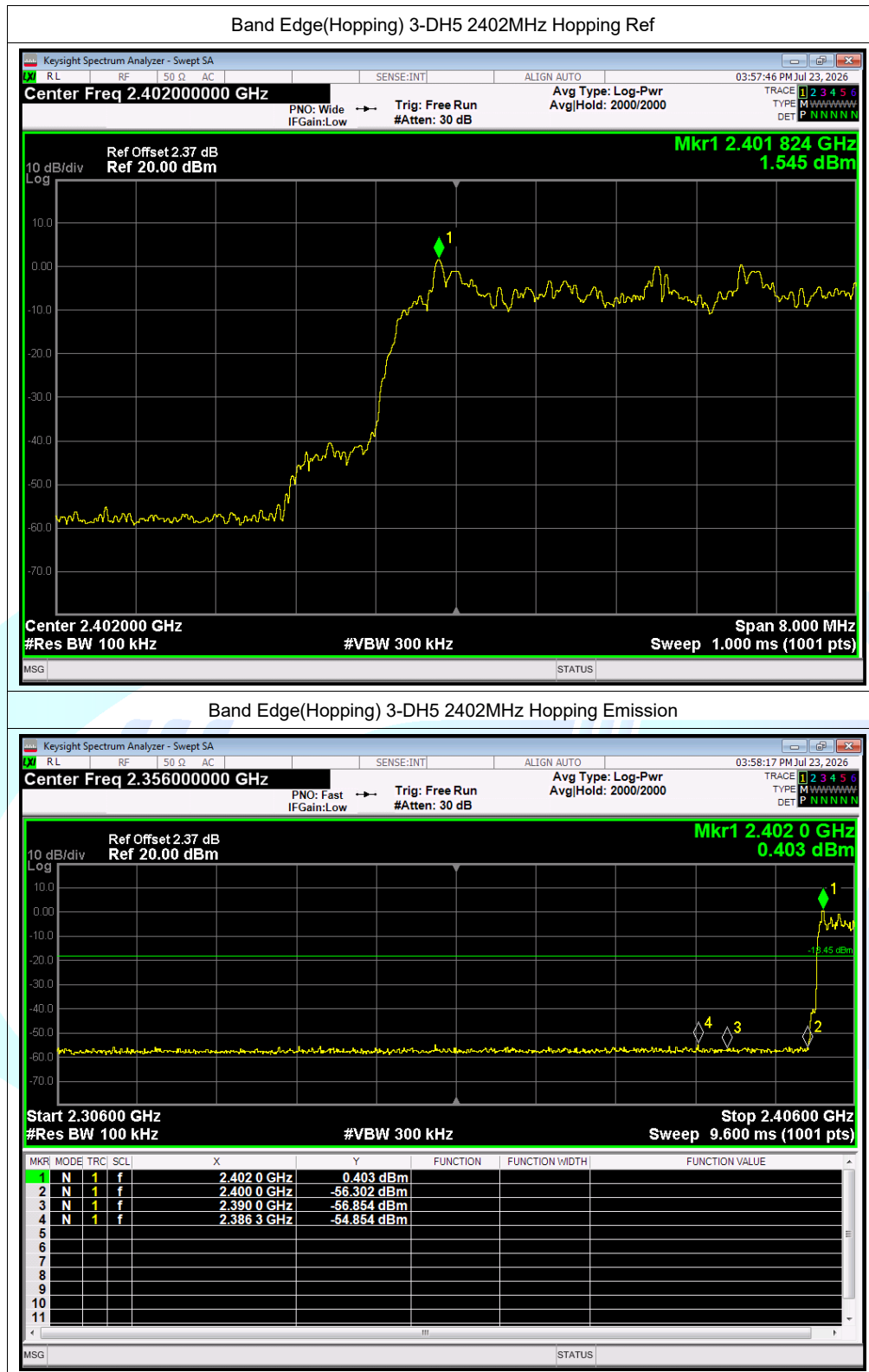












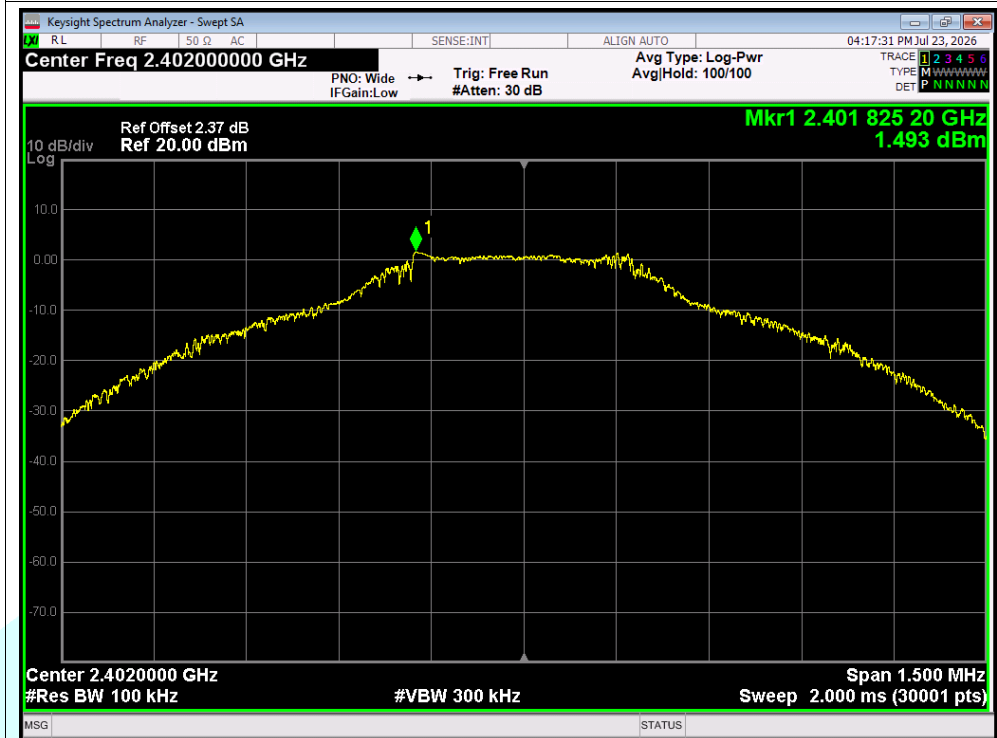


8 Conducted RF Spurious Emission

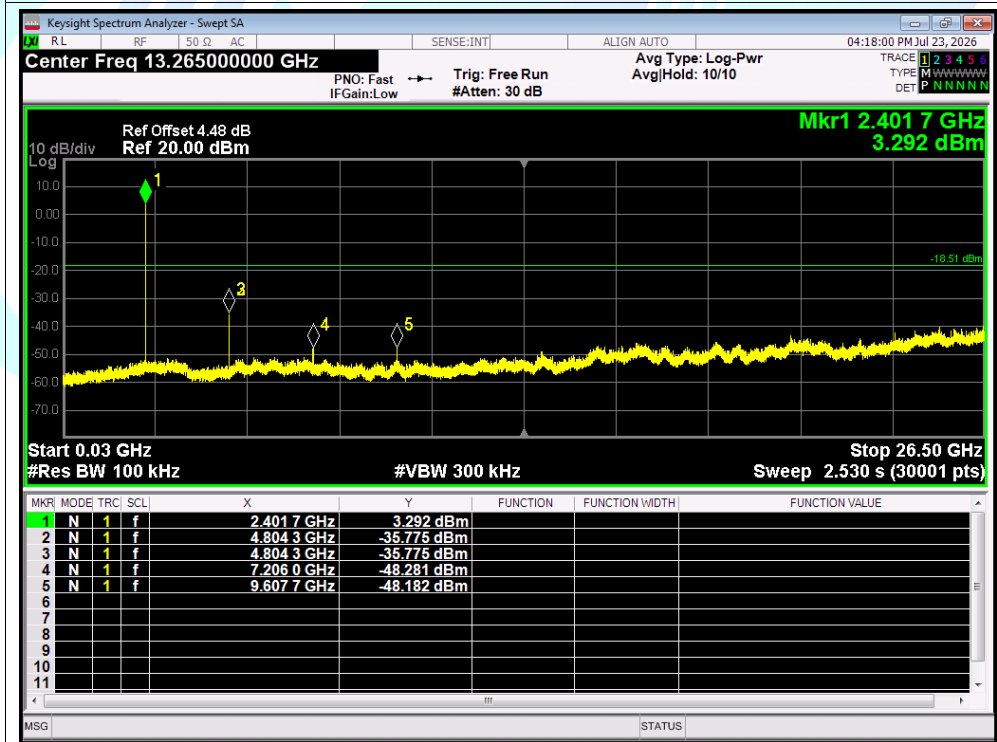
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	-37.26	-20	Pass
	2441	-37.18	-20	Pass
	2480	-38.04	-20	Pass
2-DH5	2402	-35.6	-20	Pass
	2441	-40.95	-20	Pass
	2480	-40.02	-20	Pass
3-DH5	2402	-41.27	-20	Pass
	2441	-39.72	-20	Pass
	2480	-40.28	-20	Pass

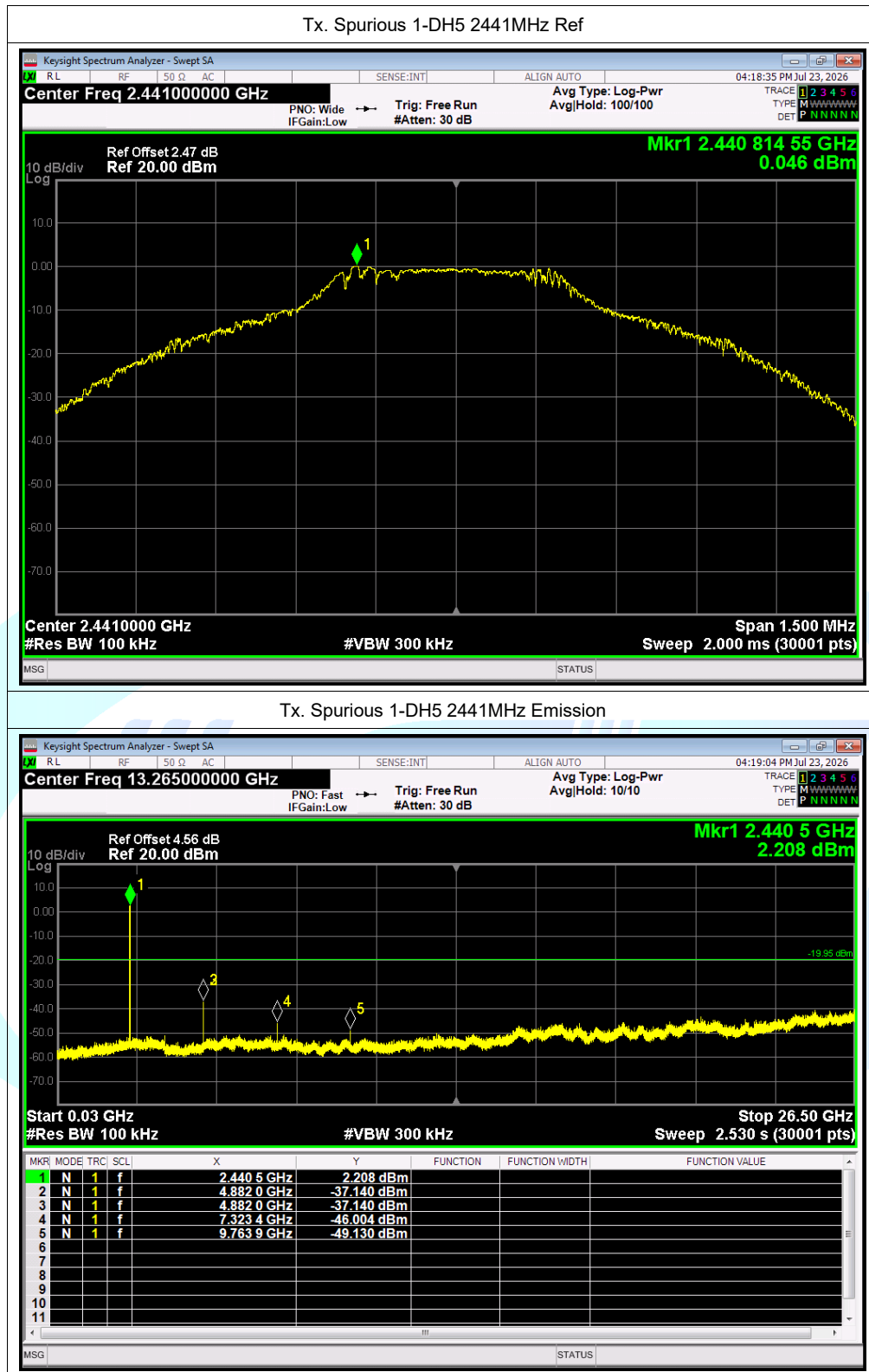
Test Graphs

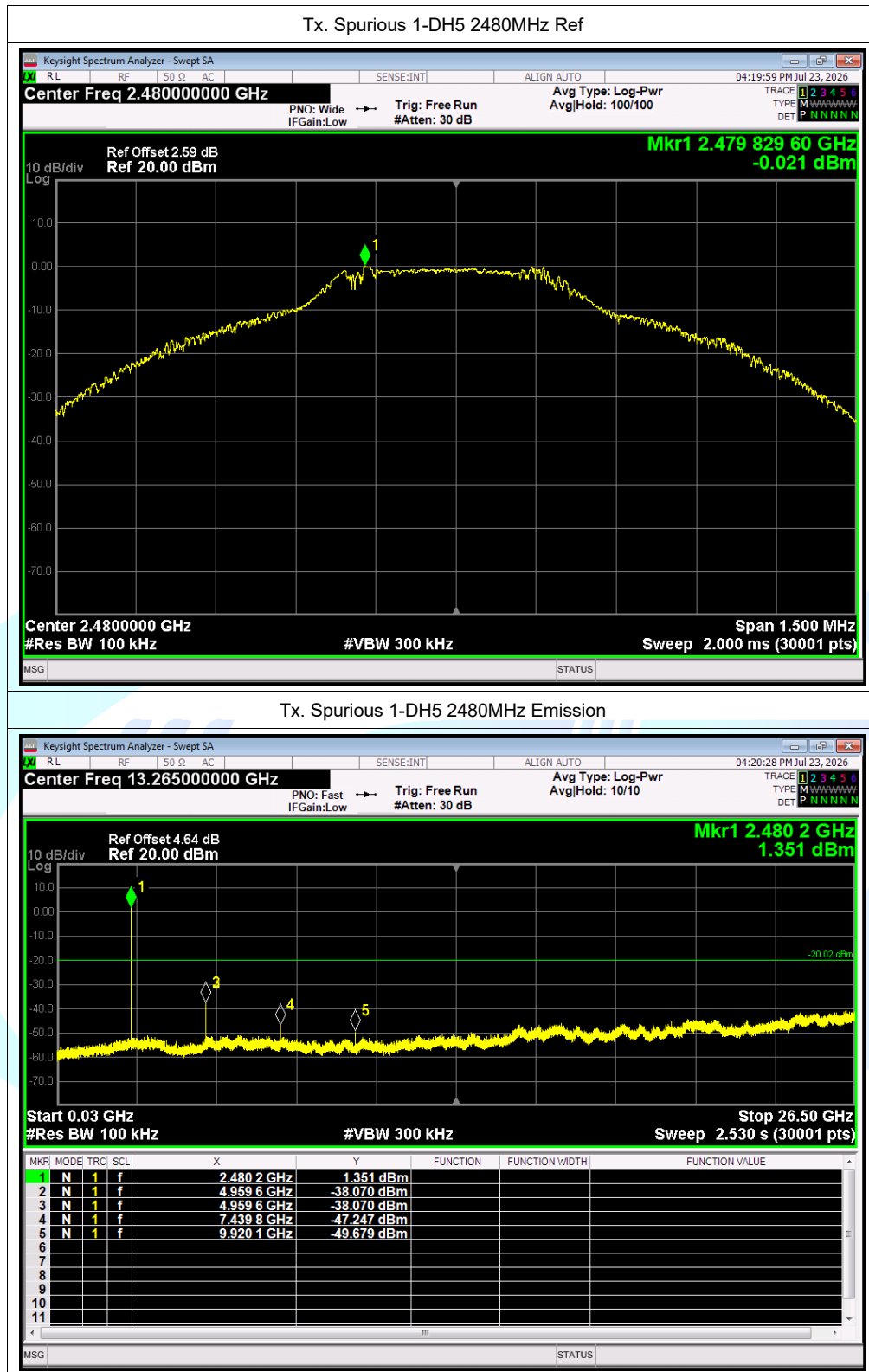
Tx. Spurious 1-DH5 2402MHz Ref



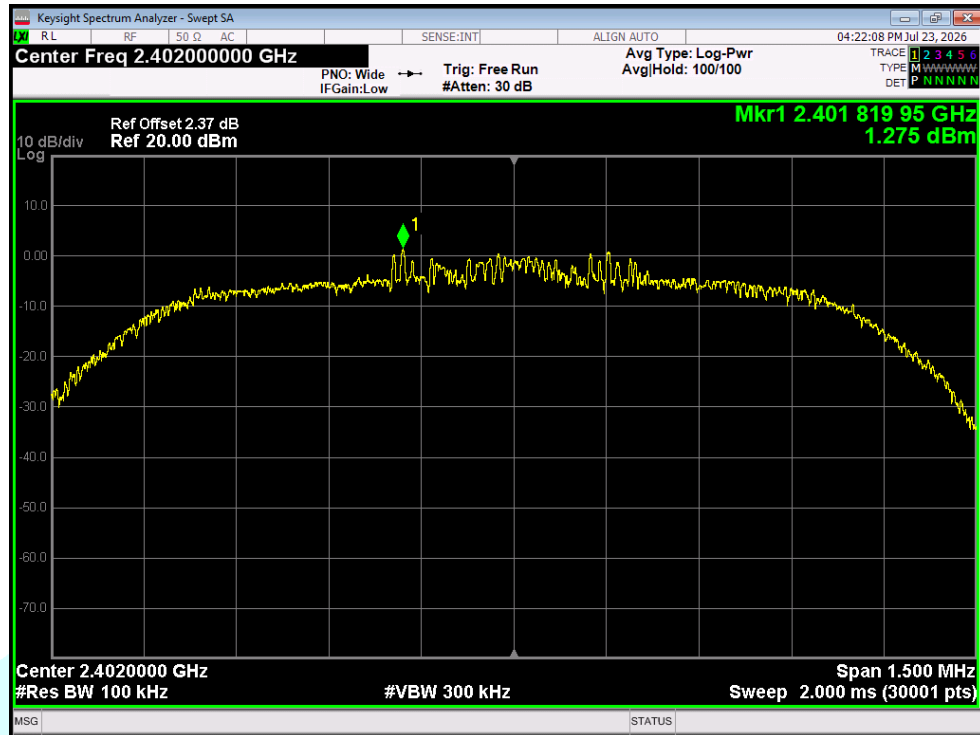
Tx. Spurious 1-DH5 2402MHz Emission



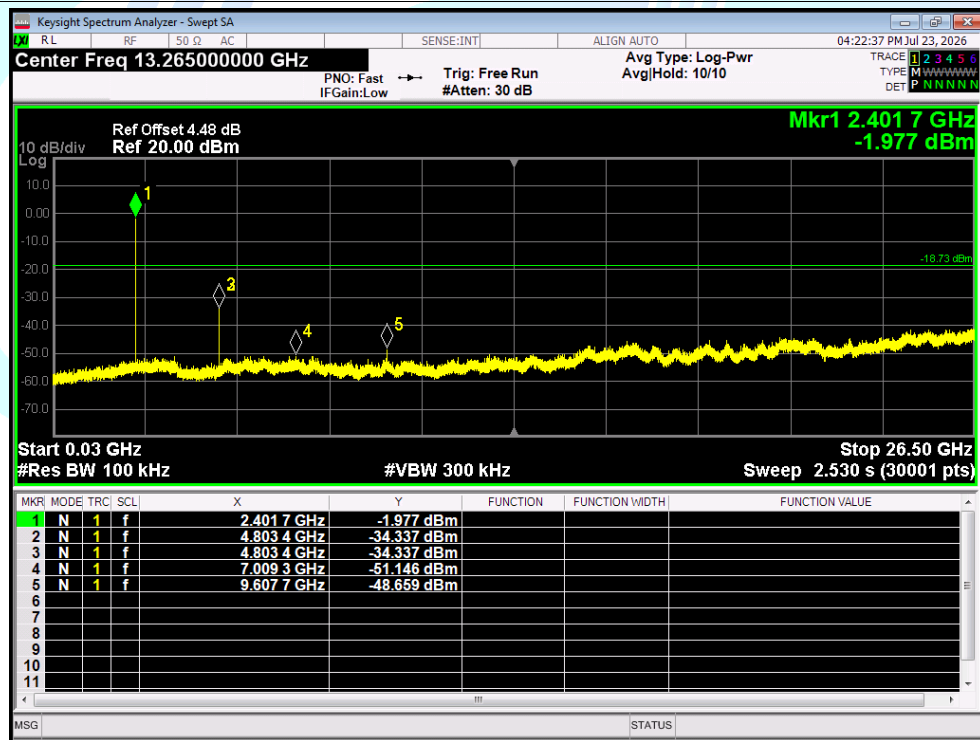


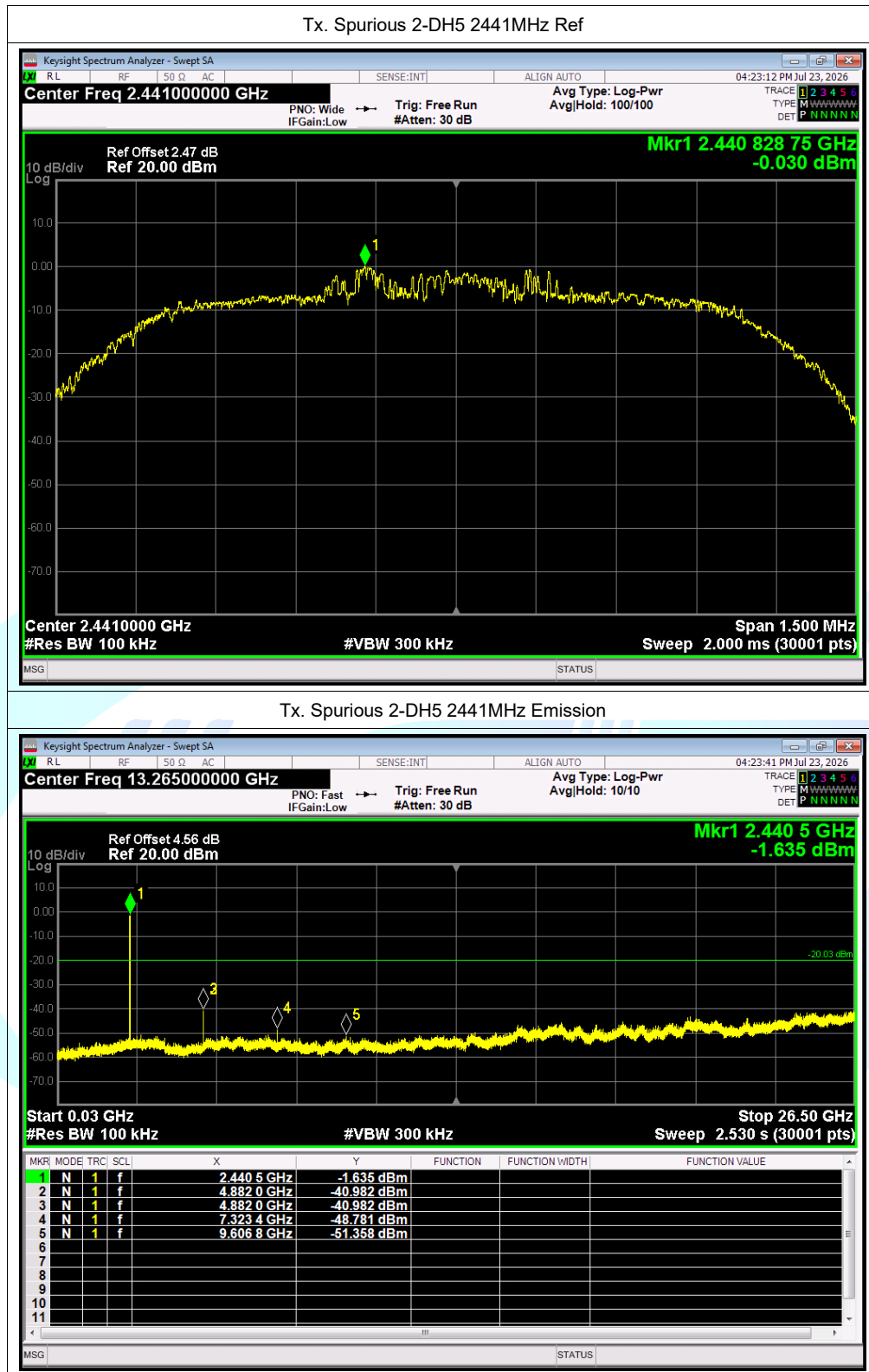


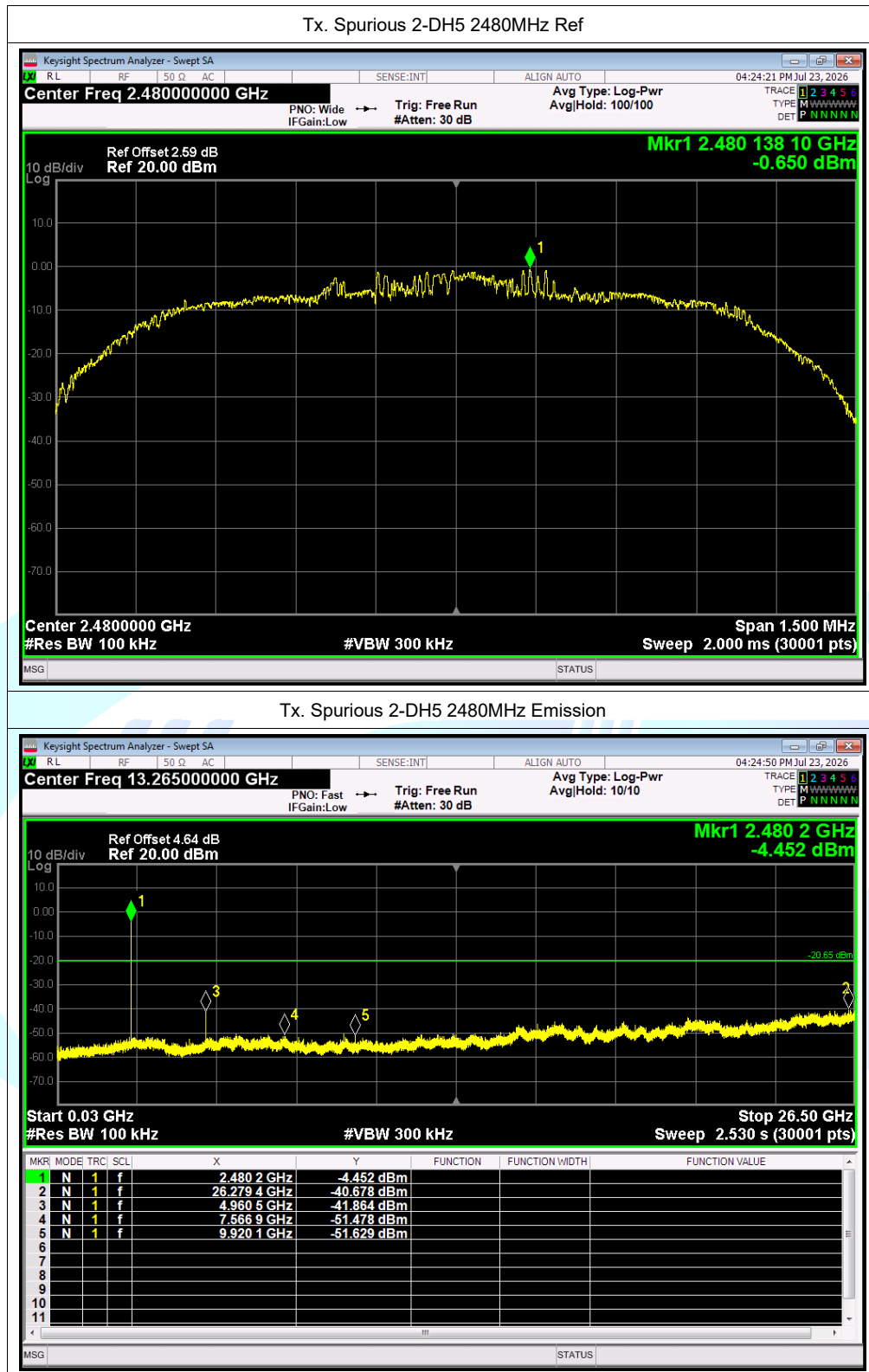
Tx. Spurious 2-DH5 2402MHz Ref



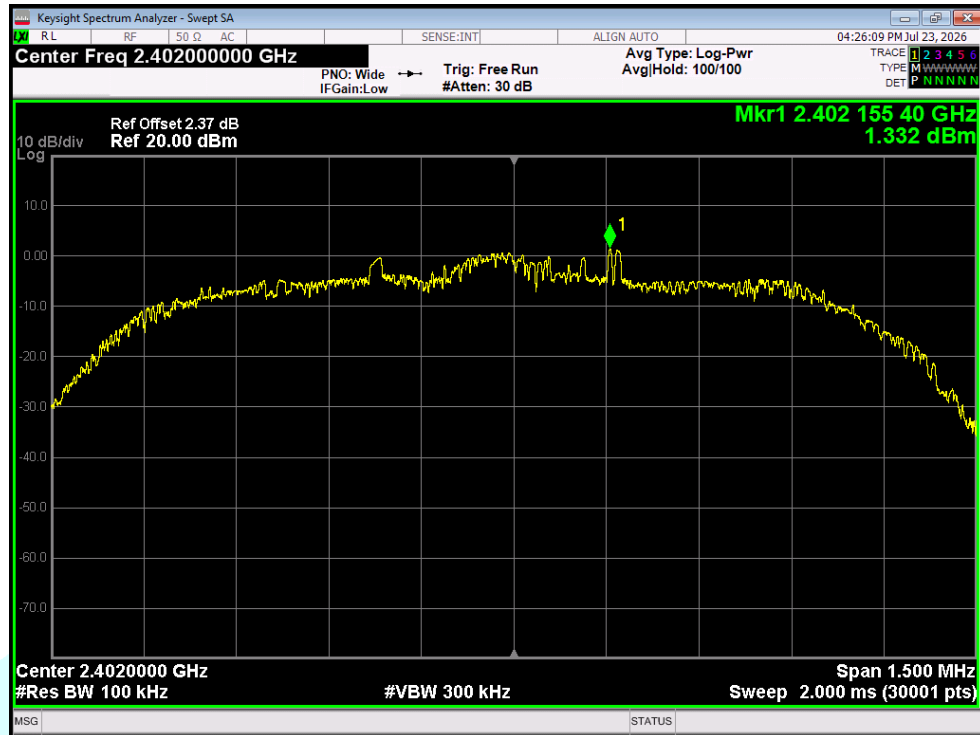
Tx. Spurious 2-DH5 2402MHz Emission



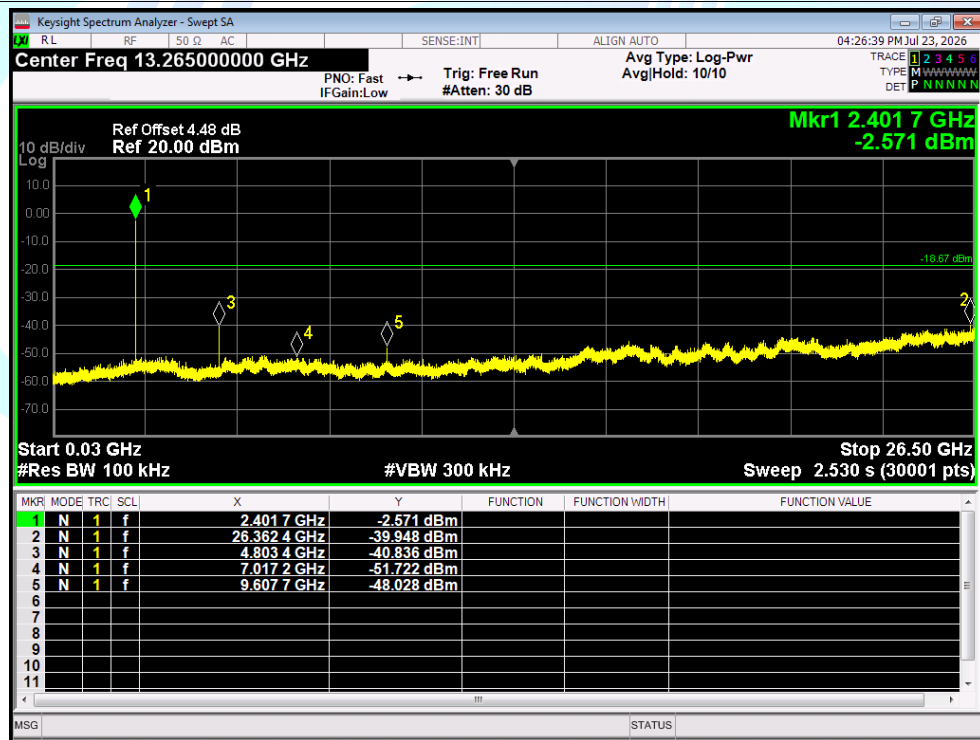




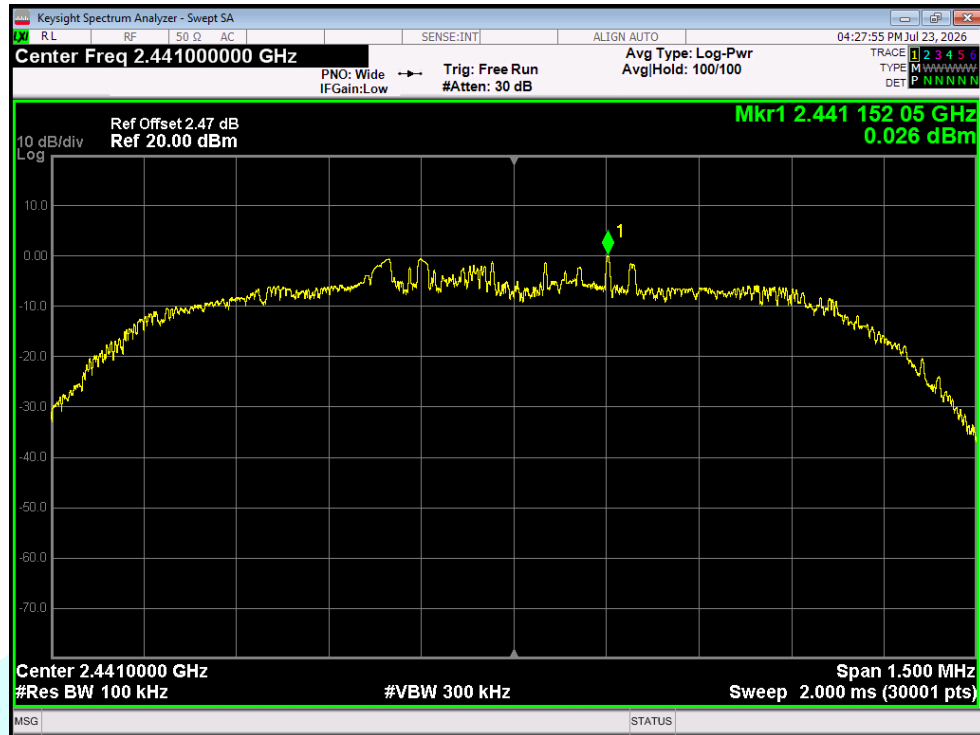
Tx. Spurious 3-DH5 2402MHz Ref



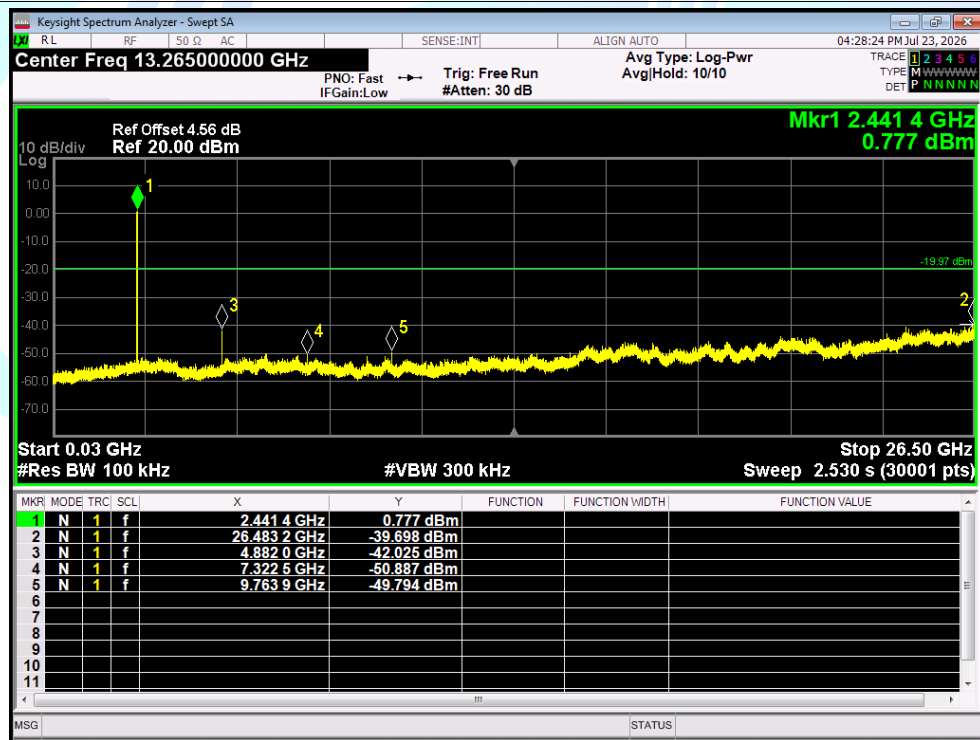
Tx. Spurious 3-DH5 2402MHz Emission

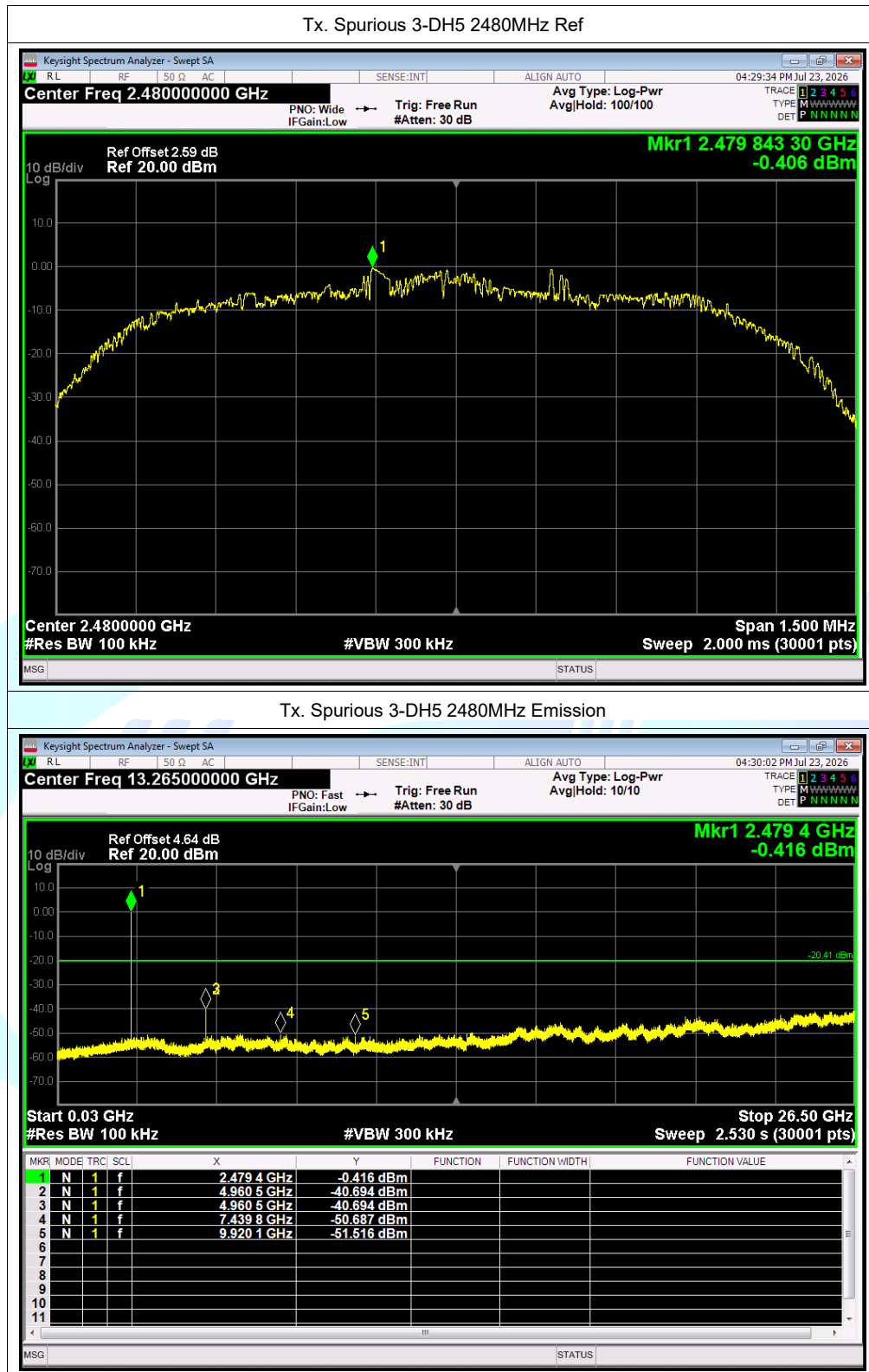


Tx. Spurious 3-DH5 2441MHz Ref



Tx. Spurious 3-DH5 2441MHz Emission





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