

FCC Appendix RF Test Data for 2.4GWIFI

FCC ID : 2BU8L-LKCL01US

Company : DRLOOK E-COMMERCE LIMITED

EUT : AI Learning Camera Cap

Model Number : LK-CL01-US

Report No. : CTA26061801801

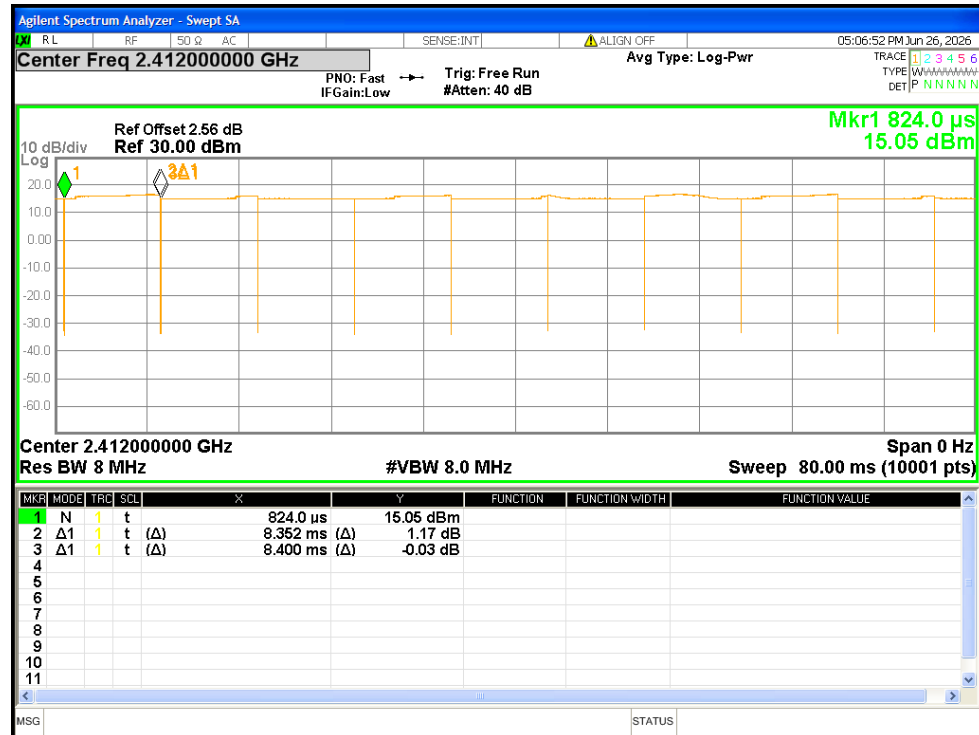
Reviewed By : Eric Wang

Duty Cycle

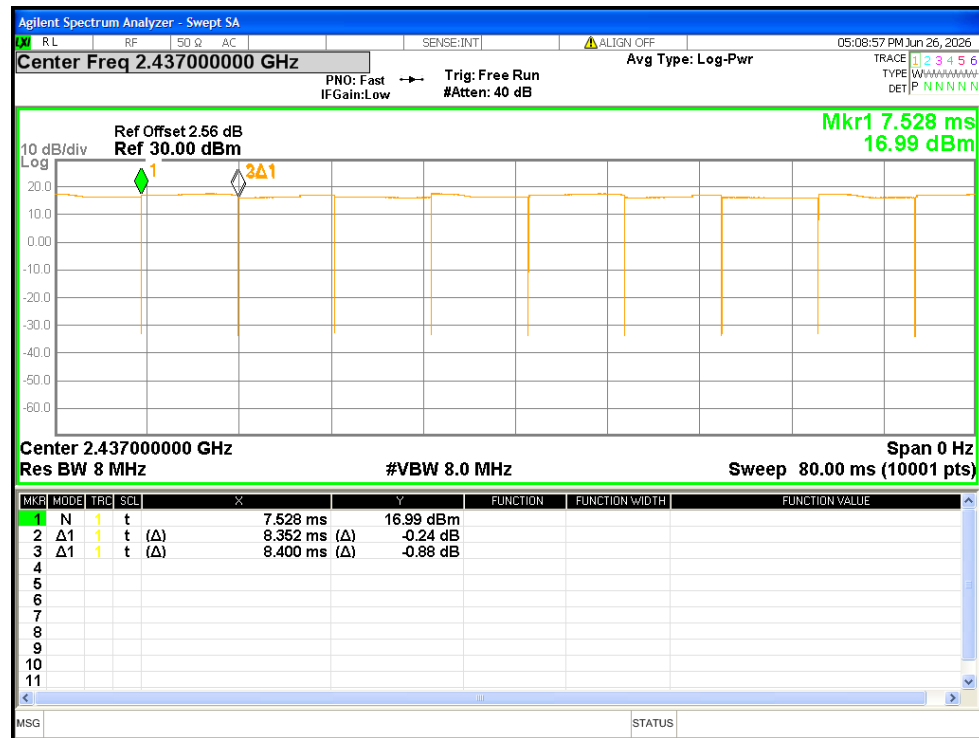
Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
b	2412	8.352	8.4	99.43	0.02	0.12
b	2437	8.352	8.4	99.43	0.02	0.12
b	2462	8.352	8.4	99.43	0.02	0.12
g	2412	0.36	0.407	88.45	0.53	2.77
g	2437	0.361	0.408	88.48	0.53	2.77
g	2462	0.36	0.407	88.45	0.53	2.77
n20	2412	0.372	0.419	88.78	0.52	2.68
n20	2437	0.373	0.42	88.81	0.52	2.68
n20	2462	0.372	0.42	88.57	0.53	2.68
n40	2422	0.379	0.427	88.76	0.52	2.63
n40	2437	0.381	0.428	89.02	0.51	2.63
n40	2452	0.381	0.427	89.23	0.49	2.62
ax20	2412	0.371	0.419	88.54	0.53	2.7
ax20	2437	0.37	0.418	88.52	0.53	2.7
ax20	2462	0.371	0.418	88.76	0.52	2.7
ax40	2422	0.37	0.418	88.52	0.53	2.7
ax40	2437	0.371	0.419	88.54	0.53	2.7
ax40	2452	0.37	0.417	88.73	0.52	2.7

Test Graphs

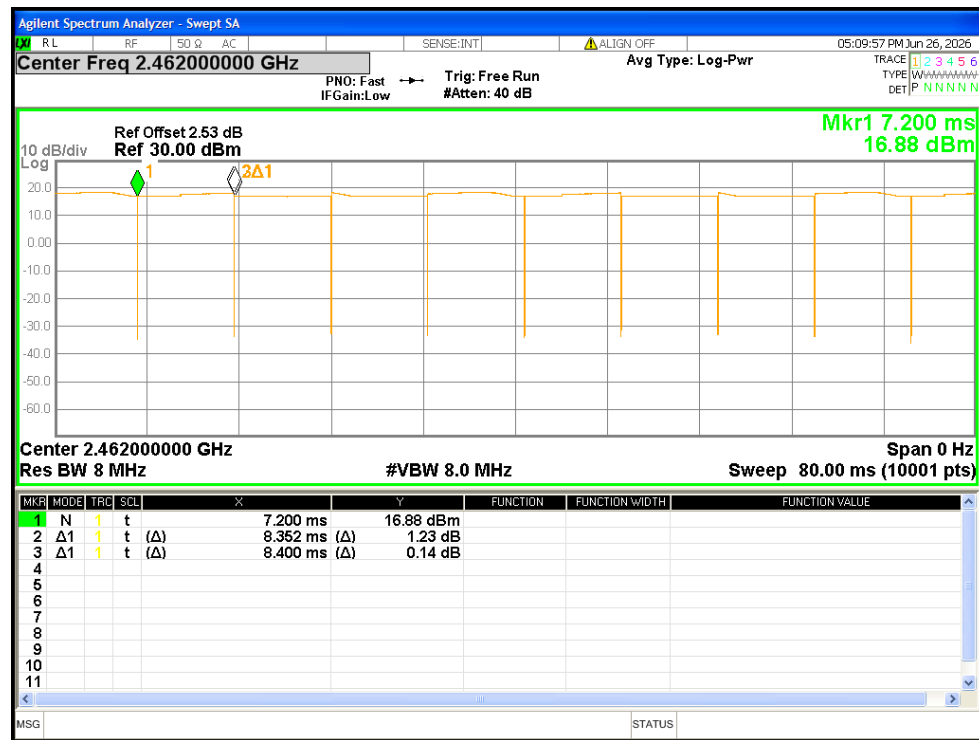
Duty Cycle NVNT b 2412MHz



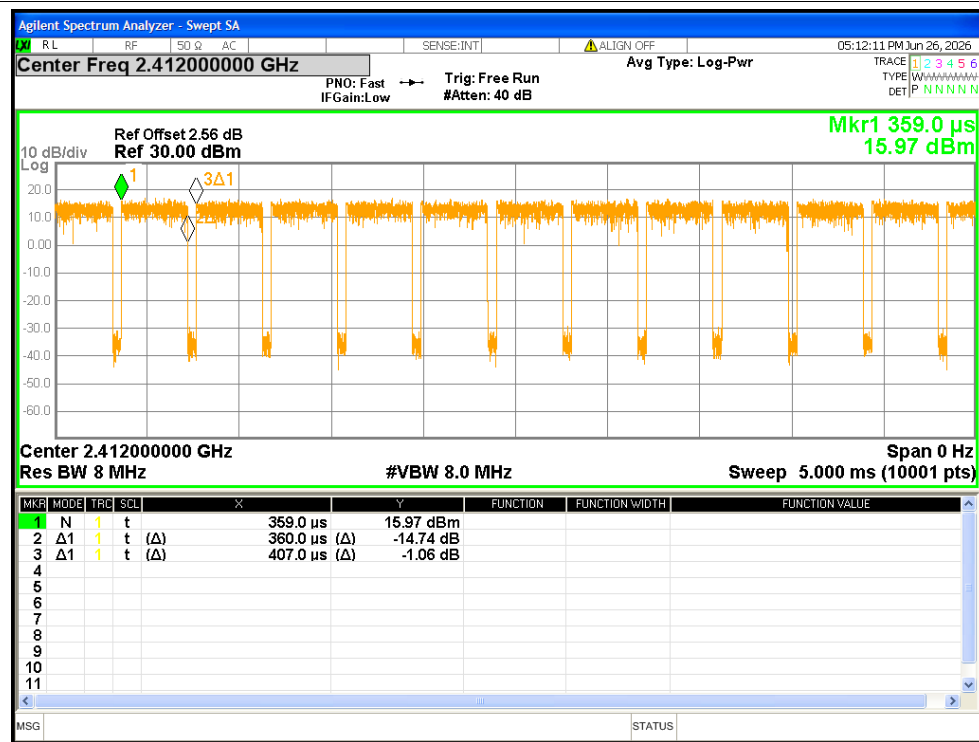
Duty Cycle NVNT b 2437MHz



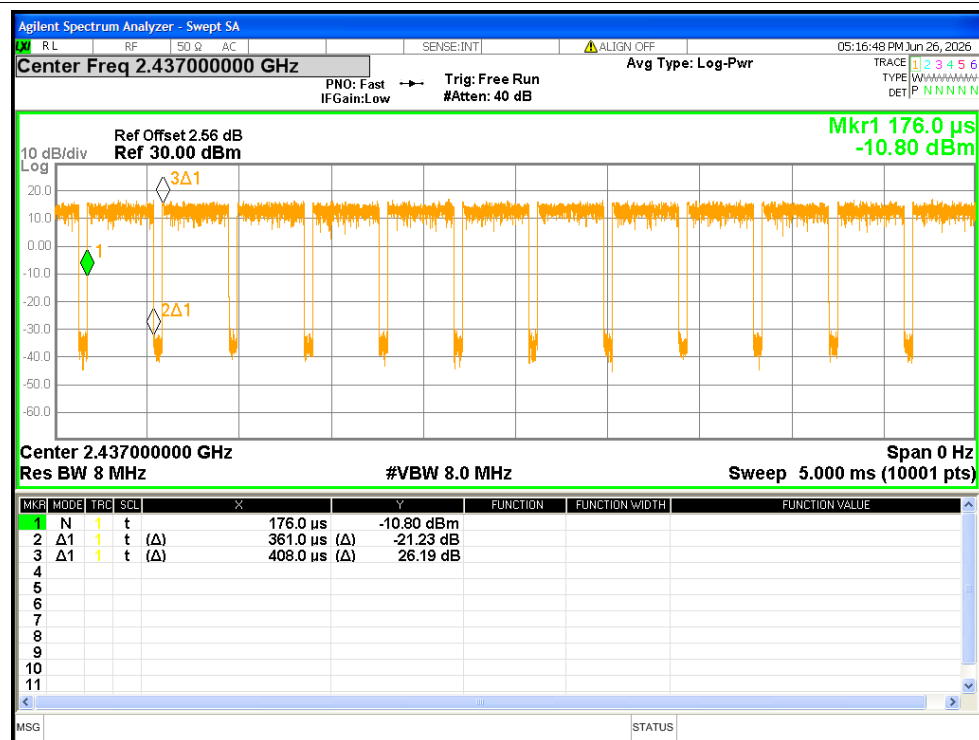
Duty Cycle NVNT b 2462MHz



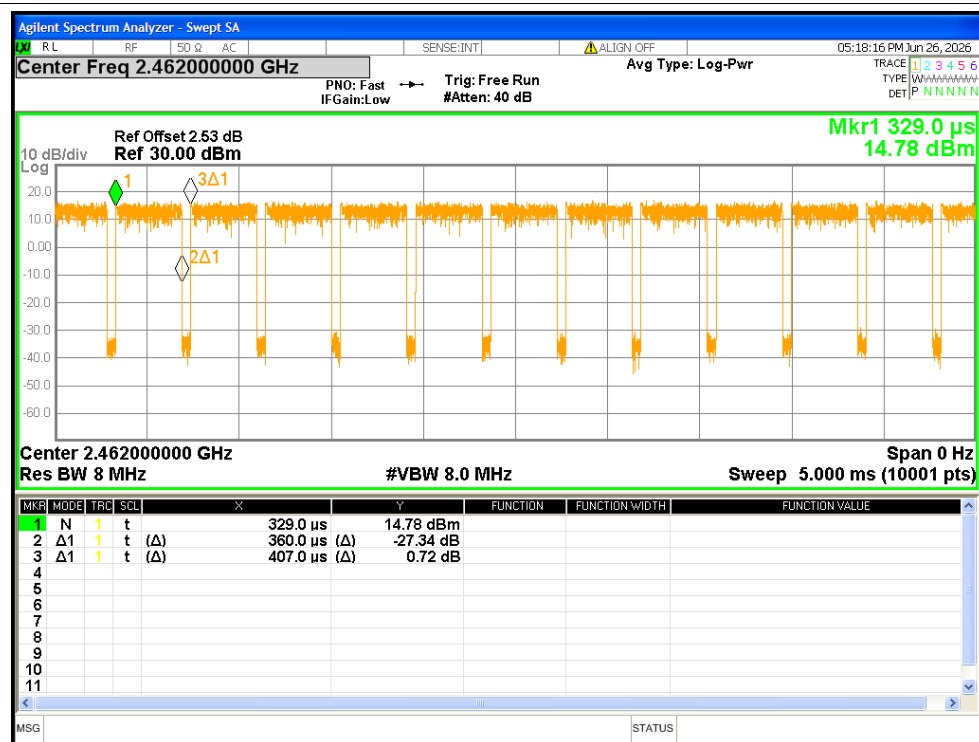
Duty Cycle NVNT g 2412MHz



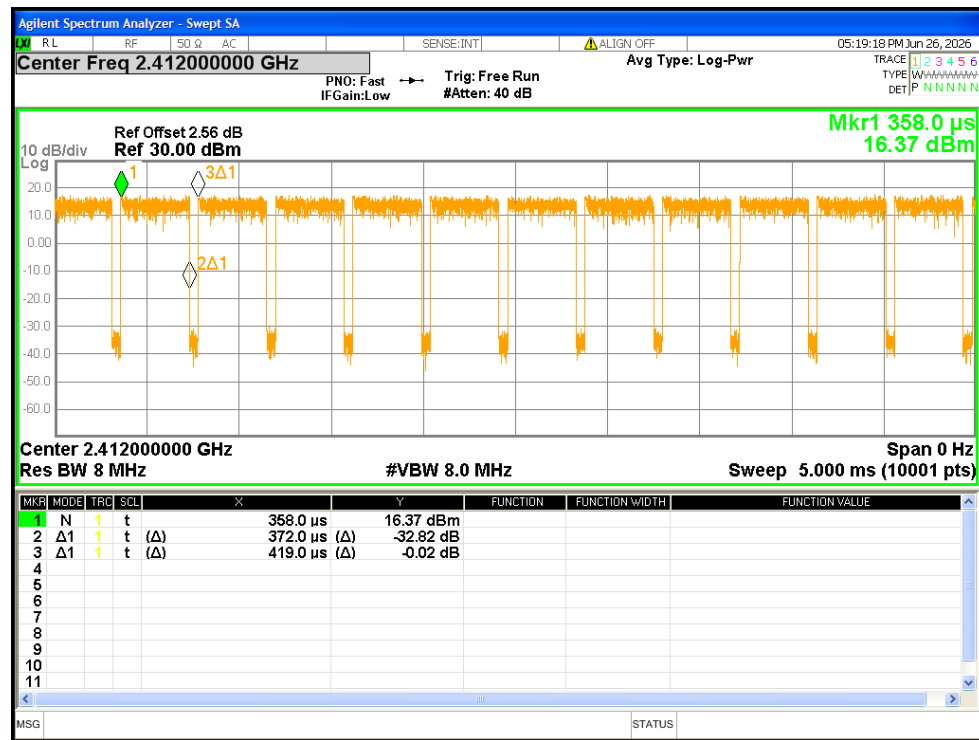
Duty Cycle NVNT g 2437MHz



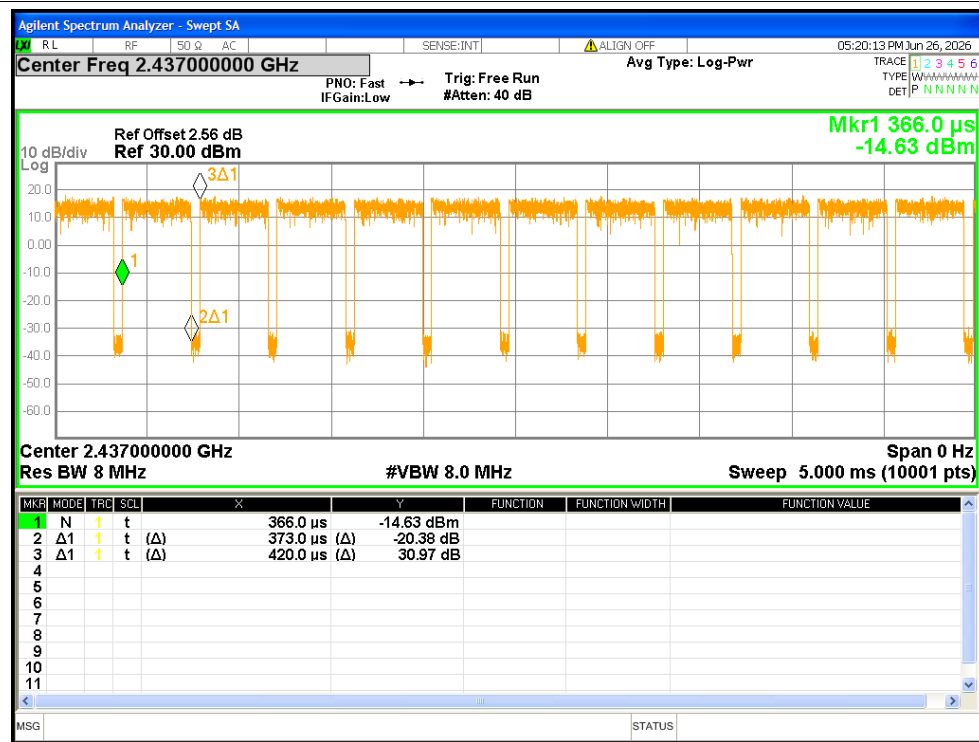
Duty Cycle NVNT g 2462MHz



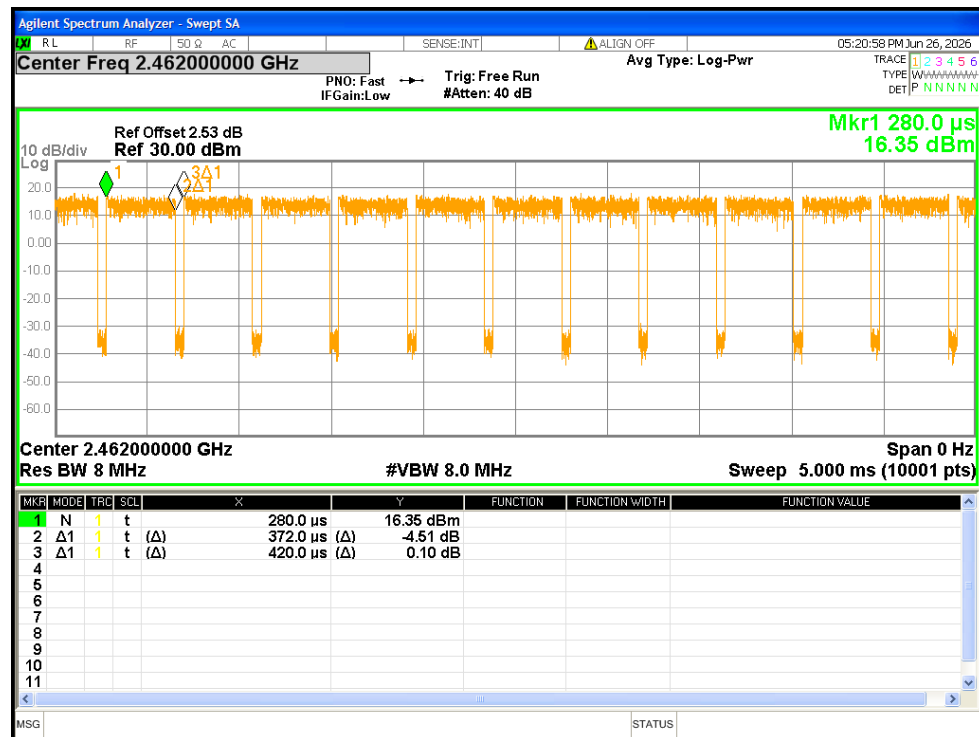
Duty Cycle NVNT n20 2412MHz



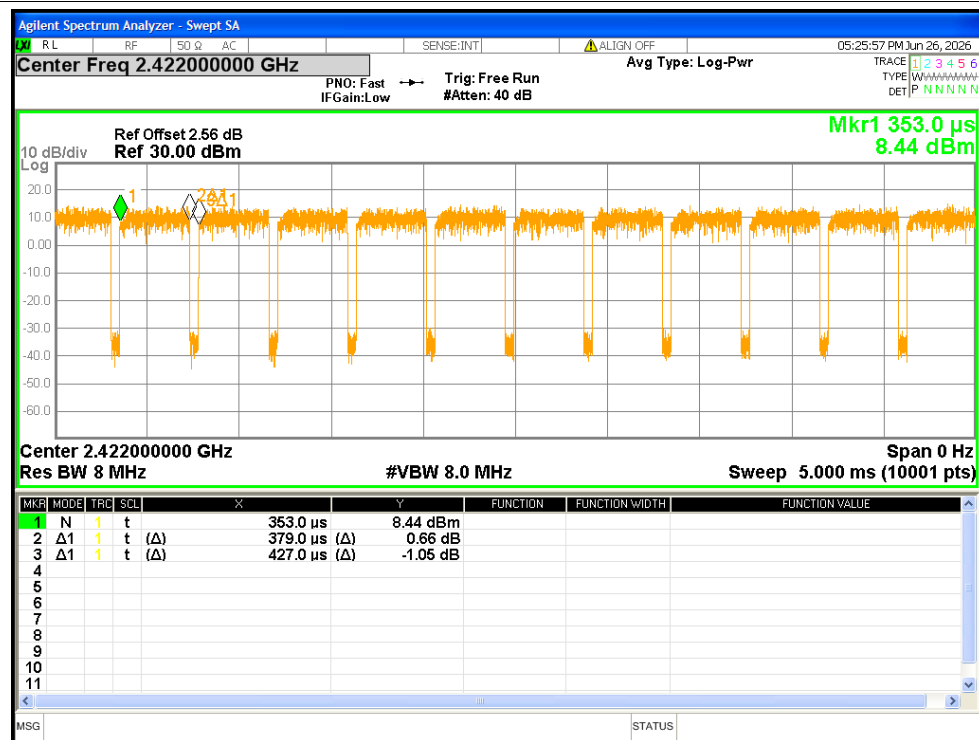
Duty Cycle NVNT n20 2437MHz



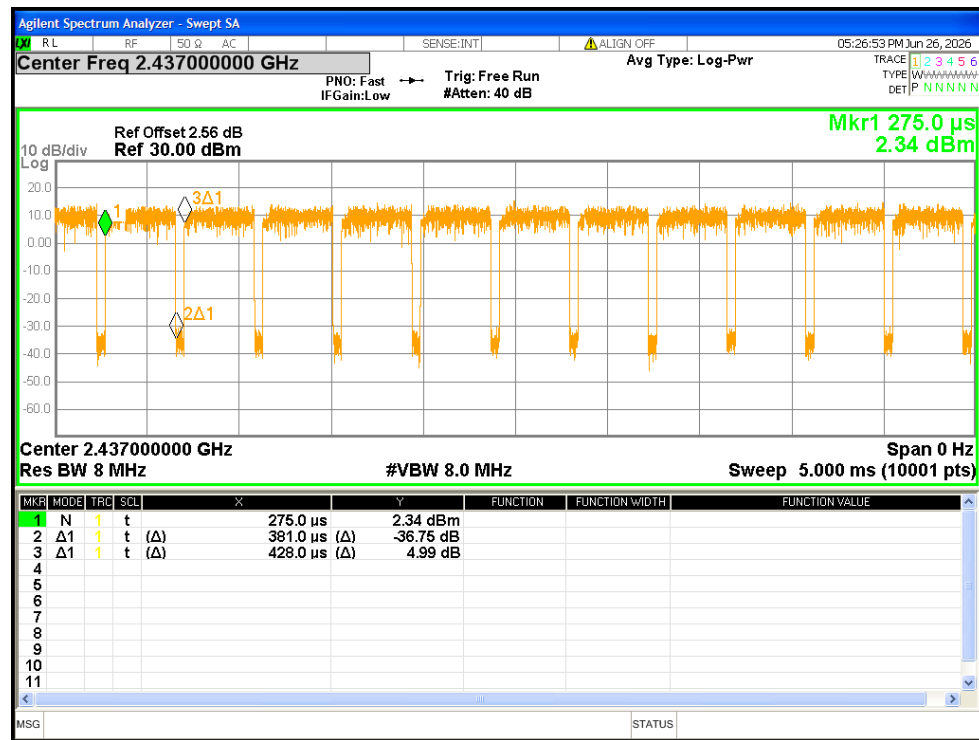
Duty Cycle NVNT n20 2462MHz



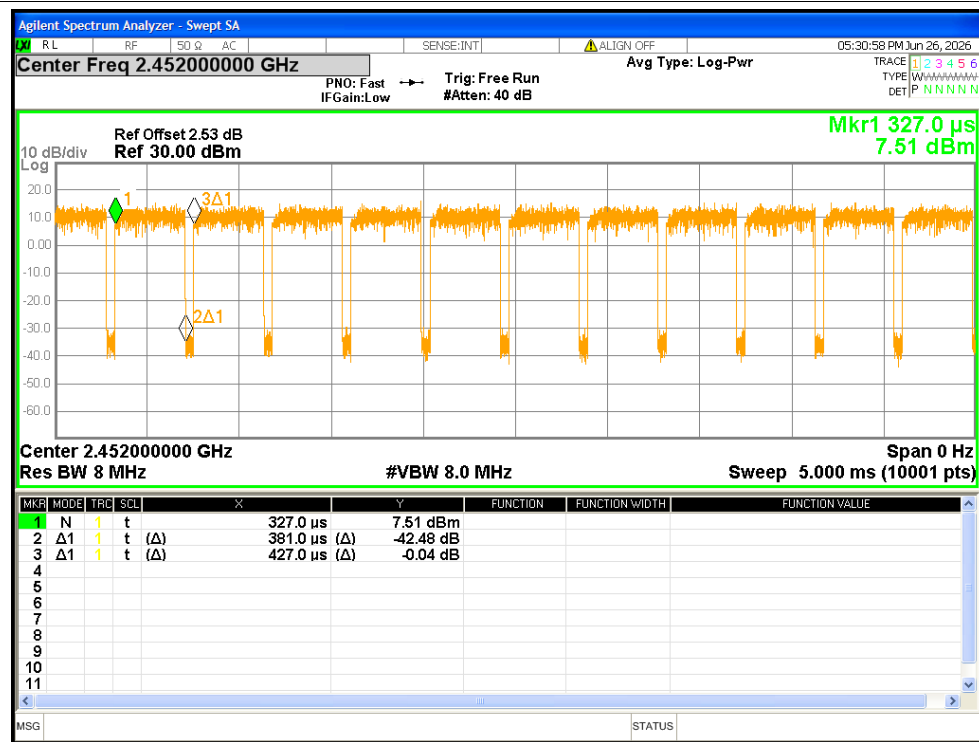
Duty Cycle NVNT n40 2422MHz



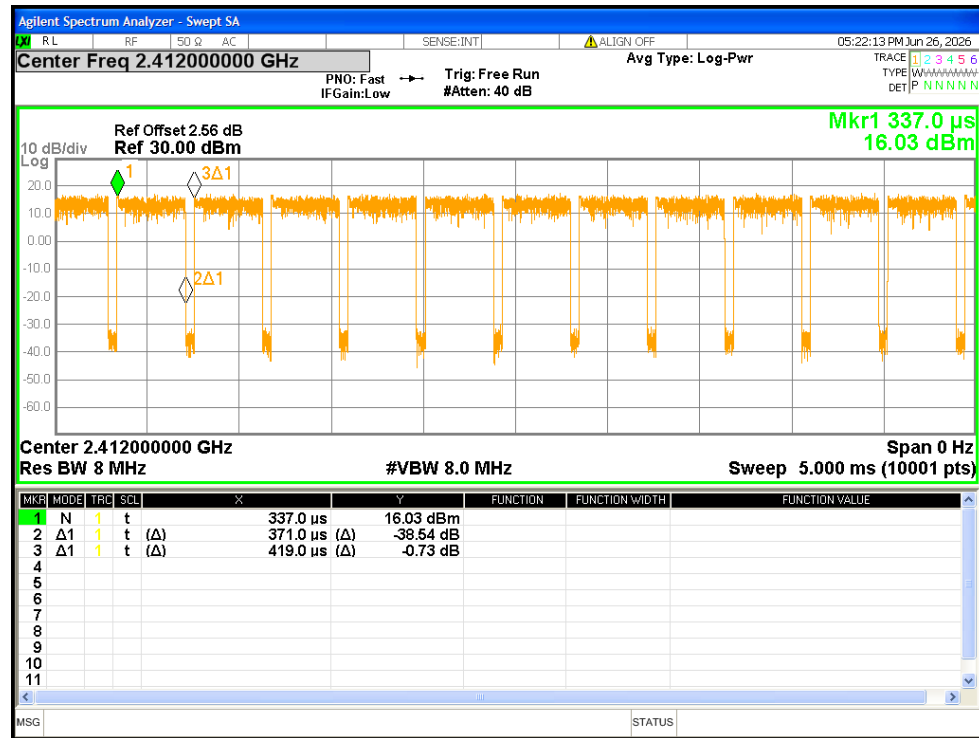
Duty Cycle NVNT n40 2437MHz



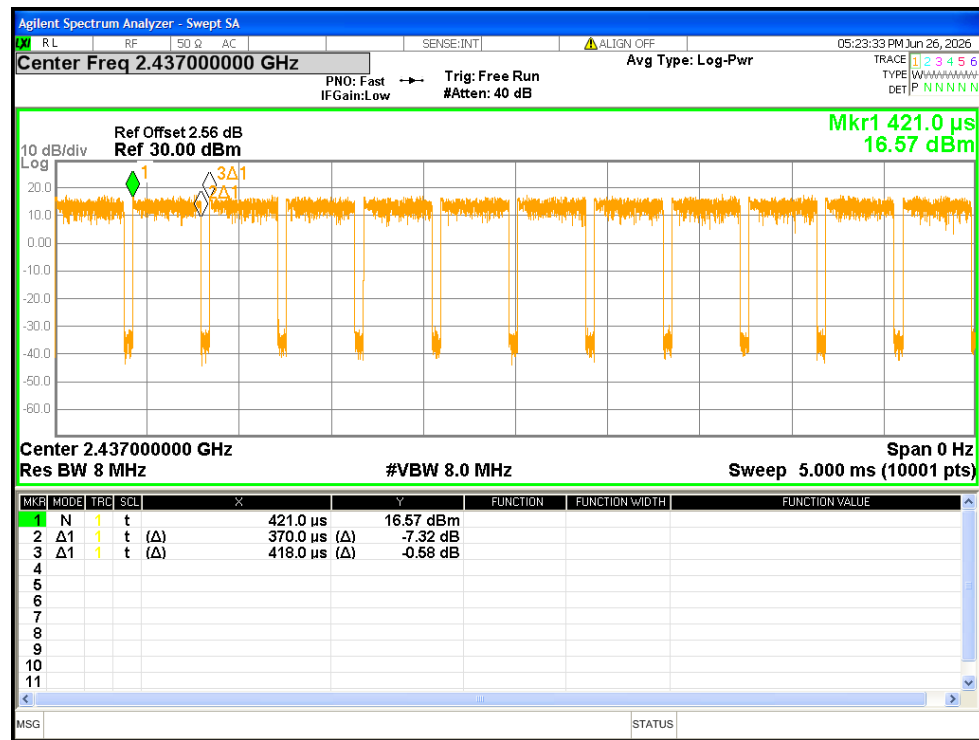
Duty Cycle NVNT n40 2452MHz



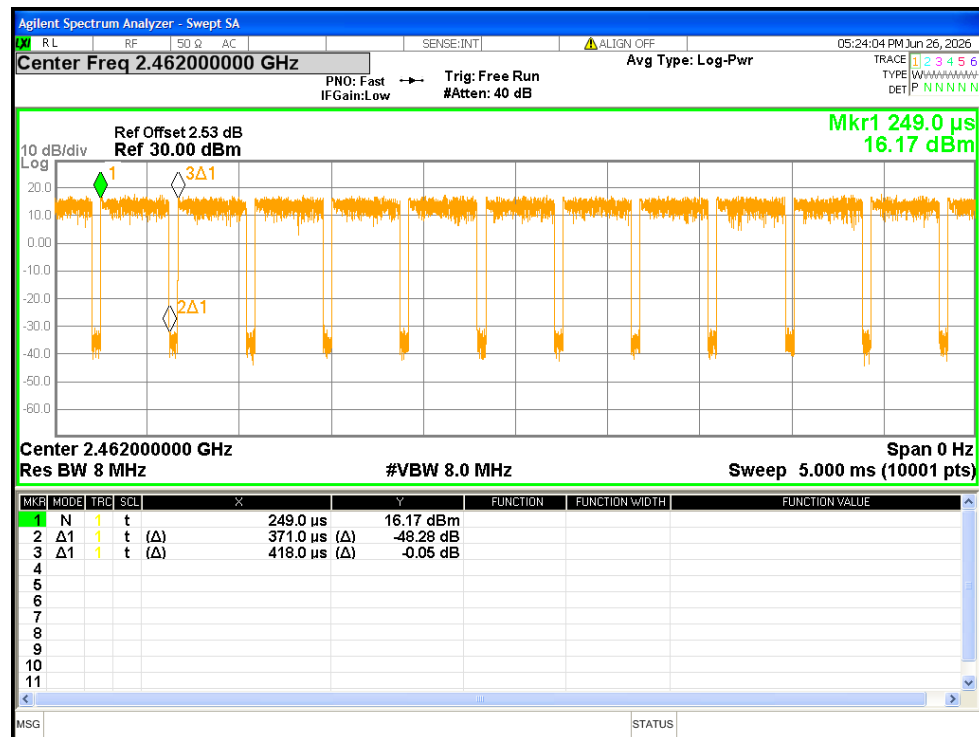
Duty Cycle NVNT ax20 2412MHz



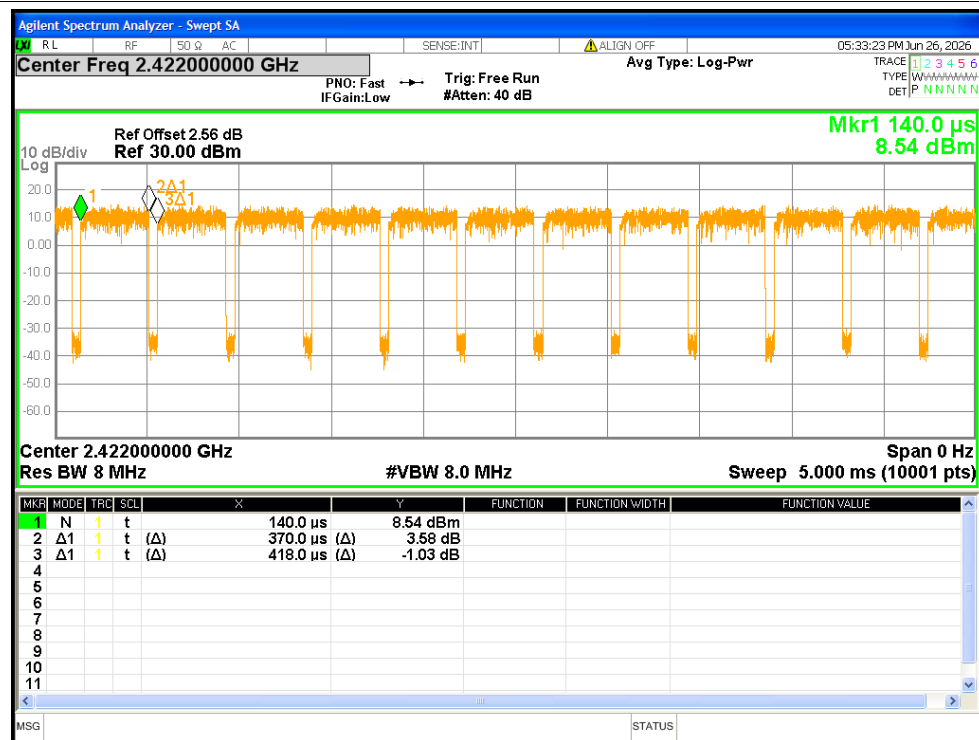
Duty Cycle NVNT ax20 2437MHz



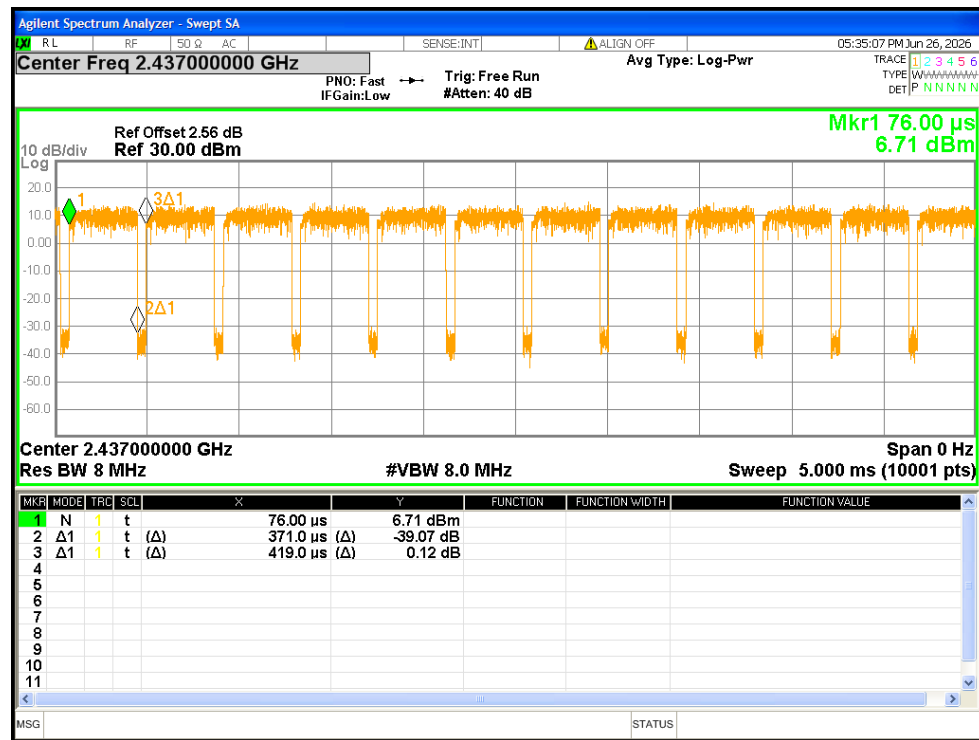
Duty Cycle NVNT ax20 2462MHz



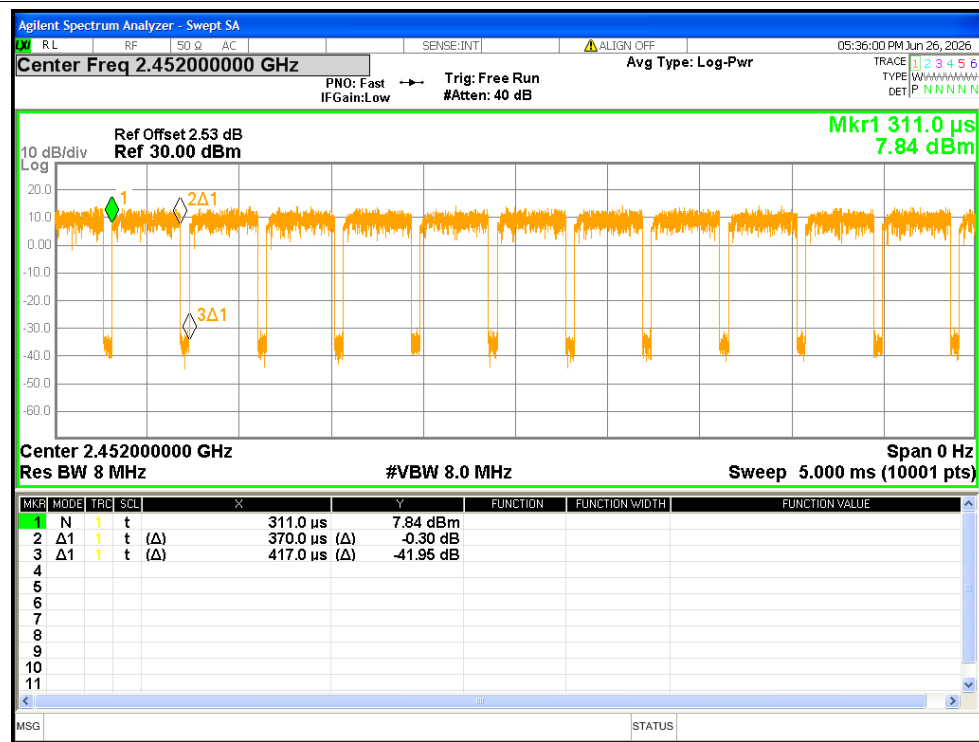
Duty Cycle NVNT ax40 2422MHz



Duty Cycle NVNT ax40 2437MHz



Duty Cycle NVNT ax40 2452MHz



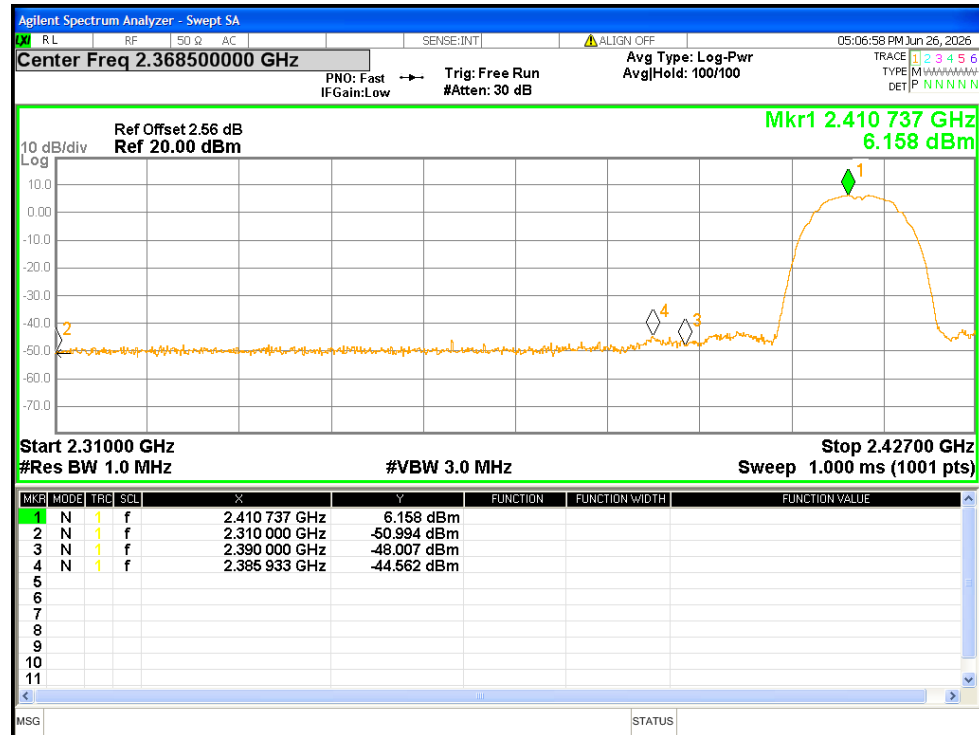
Restrict Band

Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
b	2412	2310	-50.99	2	0	46.27	Peak	<=74	Pass
b	2412	2310	-58.04	2	0.02	39.24	Average	<=54	Pass
b	2412	2385.933	-44.56	2	0	52.7	Peak	<=74	Pass
b	2412	2386.284	-52.16	2	0.02	45.12	Average	<=54	Pass
b	2412	2390	-48	2	0	49.26	Peak	<=74	Pass
b	2412	2390	-55.34	2	0.02	41.94	Average	<=54	Pass
b	2462	2483.5	-47.4	2	0	49.86	Peak	<=74	Pass
b	2462	2483.5	-54.99	2	0.02	42.29	Average	<=54	Pass
b	2462	2483.623	-44.1	2	0	53.16	Peak	<=74	Pass
b	2462	2487.969	-51.71	2	0.02	45.57	Average	<=54	Pass
b	2462	2500	-48.28	2	0	48.98	Peak	<=74	Pass
b	2462	2500	-54.95	2	0.02	42.33	Average	<=54	Pass
g	2412	2310	-49.8	2	0	47.46	Peak	<=74	Pass
g	2412	2310	-58.02	2	0.53	39.77	Average	<=54	Pass
g	2412	2389.092	-44.3	2	0	52.96	Peak	<=74	Pass
g	2412	2389.677	-54.28	2	0.53	43.51	Average	<=54	Pass
g	2412	2390	-47.75	2	0	49.51	Peak	<=74	Pass
g	2412	2390	-55.43	2	0.53	42.36	Average	<=54	Pass
g	2462	2483.5	-46.19	2	0	51.07	Peak	<=74	Pass
g	2462	2483.5	-54.86	2	0.53	42.93	Average	<=54	Pass
g	2462	2488.658	-45.28	2	0	51.98	Peak	<=74	Pass
g	2462	2483.782	-54.57	2	0.53	43.22	Average	<=54	Pass
g	2462	2500	-48.48	2	0	48.78	Peak	<=74	Pass
g	2462	2500	-56.89	2	0.53	40.9	Average	<=54	Pass
n20	2412	2310	-49.53	2	0	47.73	Peak	<=74	Pass
n20	2412	2310	-57.65	2	0.52	40.13	Average	<=54	Pass
n20	2412	2385.348	-44.26	2	0	53	Peak	<=74	Pass
n20	2412	2389.794	-53.78	2	0.52	44	Average	<=54	Pass
n20	2412	2390	-45.31	2	0	51.95	Peak	<=74	Pass
n20	2412	2390	-54	2	0.52	43.78	Average	<=54	Pass
n20	2462	2483.5	-46.9	2	0	50.36	Peak	<=74	Pass
n20	2462	2483.5	-53.42	2	0.53	44.37	Average	<=54	Pass
n20	2462	2484.1	-41.14	2	0	56.12	Peak	<=74	Pass
n20	2462	2483.517	-53.42	2	0.53	44.37	Average	<=54	Pass
n20	2462	2500	-48.8	2	0	48.46	Peak	<=74	Pass
n20	2462	2500	-56.61	2	0.53	41.18	Average	<=54	Pass
n40	2422	2310	-48.42	2	0	48.84	Peak	<=74	Pass
n40	2422	2310	-57.83	2	0.52	39.95	Average	<=54	Pass
n40	2422	2379.438	-34.09	2	0	63.17	Peak	<=74	Pass

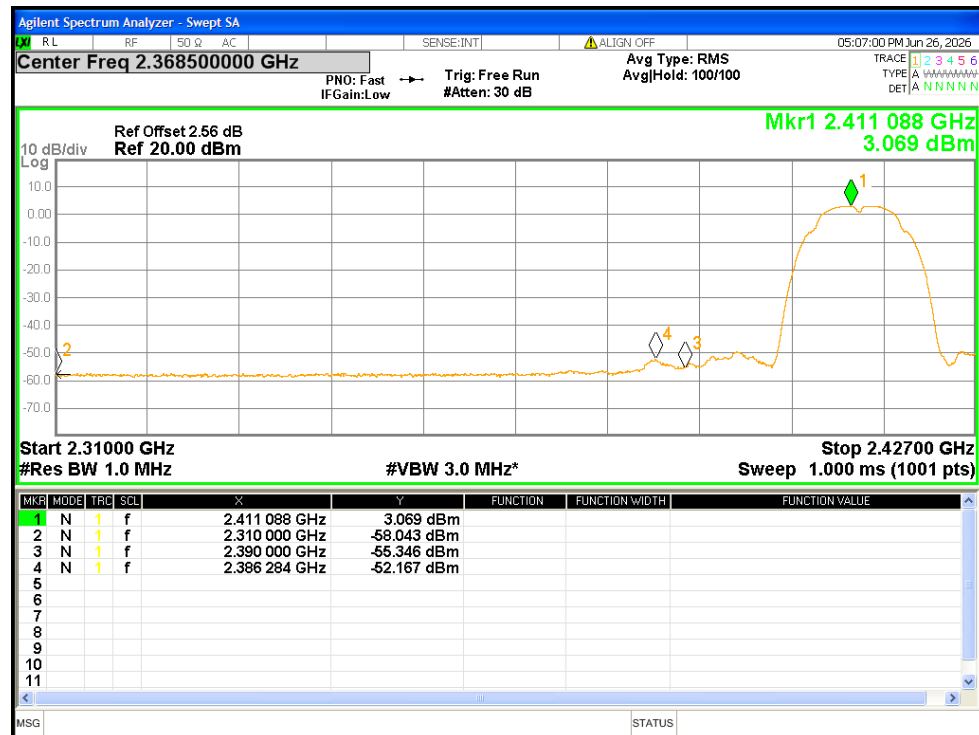
n40	2422	2389.378	-44.55	2	0.52	53.23	Average	<=54	Pass
n40	2422	2390	-35.63	2	0	61.63	Peak	<=74	Pass
n40	2422	2390	-45.29	2	0.52	52.49	Average	<=54	Pass
n40	2452	2483.5	-38.41	2	0	58.85	Peak	<=74	Pass
n40	2452	2483.5	-47.76	2	0.49	49.99	Average	<=54	Pass
n40	2452	2485.024	-37.12	2	0	60.14	Peak	<=74	Pass
n40	2452	2484.712	-47.22	2	0.49	50.53	Average	<=54	Pass
n40	2452	2500	-46.12	2	0	51.14	Peak	<=74	Pass
n40	2452	2500	-53.35	2	0.49	44.4	Average	<=54	Pass
ax20	2412	2310	-51.17	2	0	46.09	Peak	<=74	Pass
ax20	2412	2310	-58.11	2	0.53	39.68	Average	<=54	Pass
ax20	2412	2387.103	-43.78	2	0	53.48	Peak	<=74	Pass
ax20	2412	2387.922	-53.51	2	0.53	44.28	Average	<=54	Pass
ax20	2412	2390	-45.41	2	0	51.85	Peak	<=74	Pass
ax20	2412	2390	-54.26	2	0.53	43.53	Average	<=54	Pass
ax20	2462	2483.5	-45	2	0	52.26	Peak	<=74	Pass
ax20	2462	2483.5	-53.38	2	0.52	44.4	Average	<=54	Pass
ax20	2462	2483.676	-41.72	2	0	55.54	Peak	<=74	Pass
ax20	2462	2484.1	-53.02	2	0.52	44.76	Average	<=54	Pass
ax20	2462	2500	-48.6	2	0	48.66	Peak	<=74	Pass
ax20	2462	2500	-56.54	2	0.52	41.24	Average	<=54	Pass
ax40	2422	2310	-50.86	2	0	46.4	Peak	<=74	Pass
ax40	2422	2310	-58.14	2	0.53	39.65	Average	<=54	Pass
ax40	2422	2382.42	-34.87	2	0	62.39	Peak	<=74	Pass
ax40	2422	2387.532	-45.29	2	0.53	52.5	Average	<=54	Pass
ax40	2422	2390	-36.98	2	0	60.28	Peak	<=74	Pass
ax40	2422	2390	-45.04	2	0.53	52.75	Average	<=54	Pass
ax40	2452	2483.5	-41.57	2	0	55.69	Peak	<=74	Pass
ax40	2452	2483.5	-50.68	2	0.52	47.1	Average	<=54	Pass
ax40	2452	2485.18	-39.9	2	0	57.36	Peak	<=74	Pass
ax40	2452	2484.868	-50.35	2	0.52	47.43	Average	<=54	Pass
ax40	2452	2500	-44.91	2	0	52.35	Peak	<=74	Pass
ax40	2452	2500	-54.69	2	0.52	43.09	Average	<=54	Pass

Test Graphs

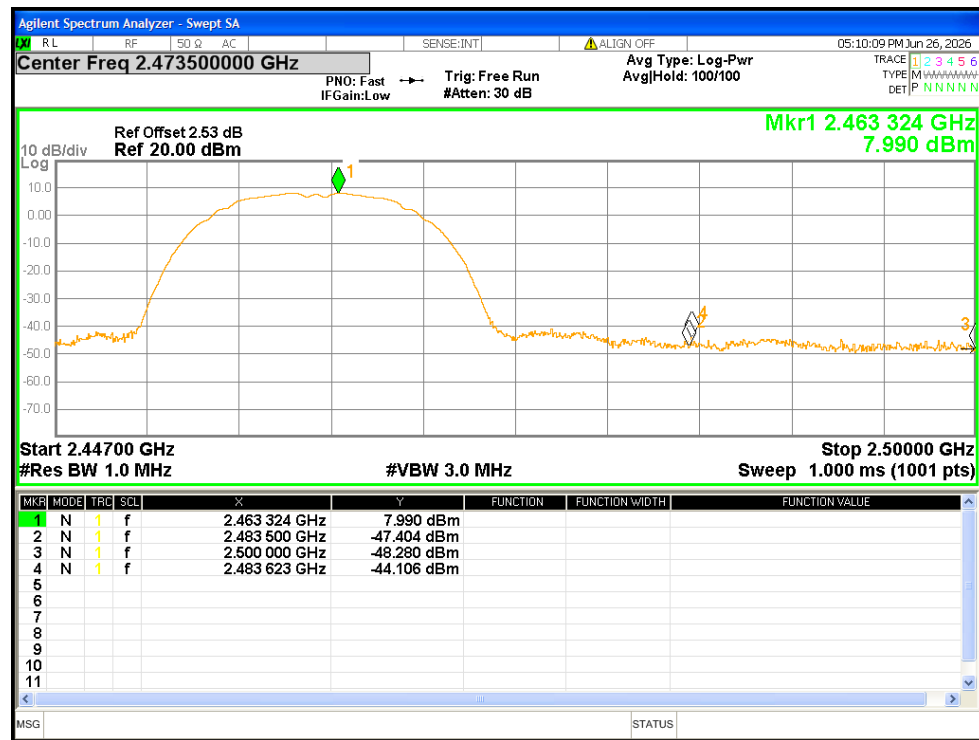
Restrict Band NVNT b 2412MHz Peak



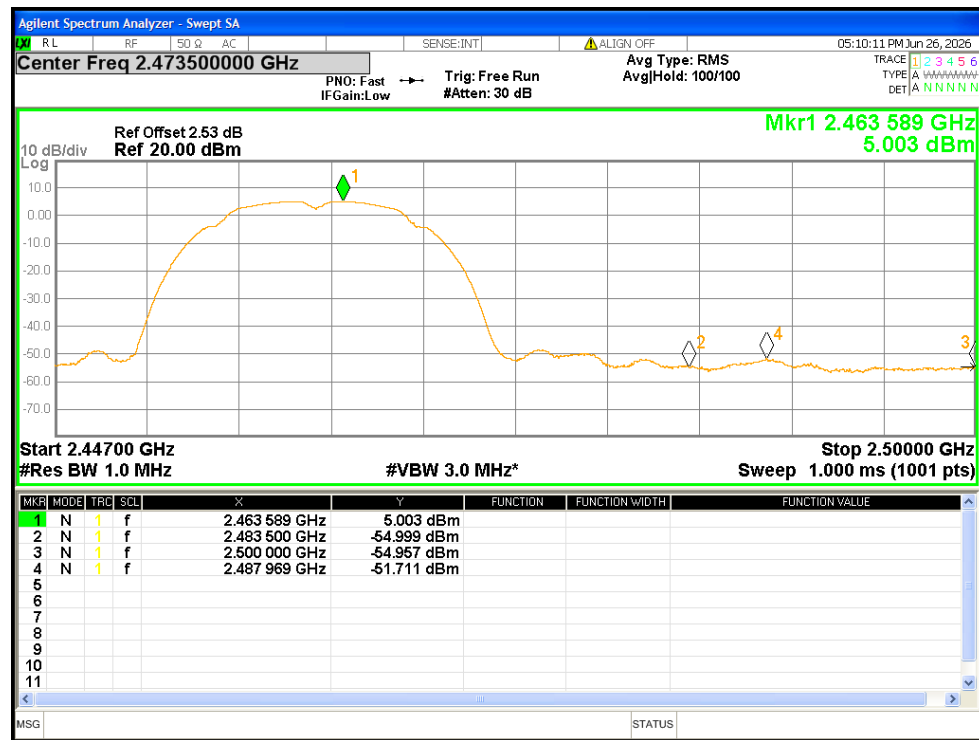
Restrict Band NVNT b 2412MHz Average



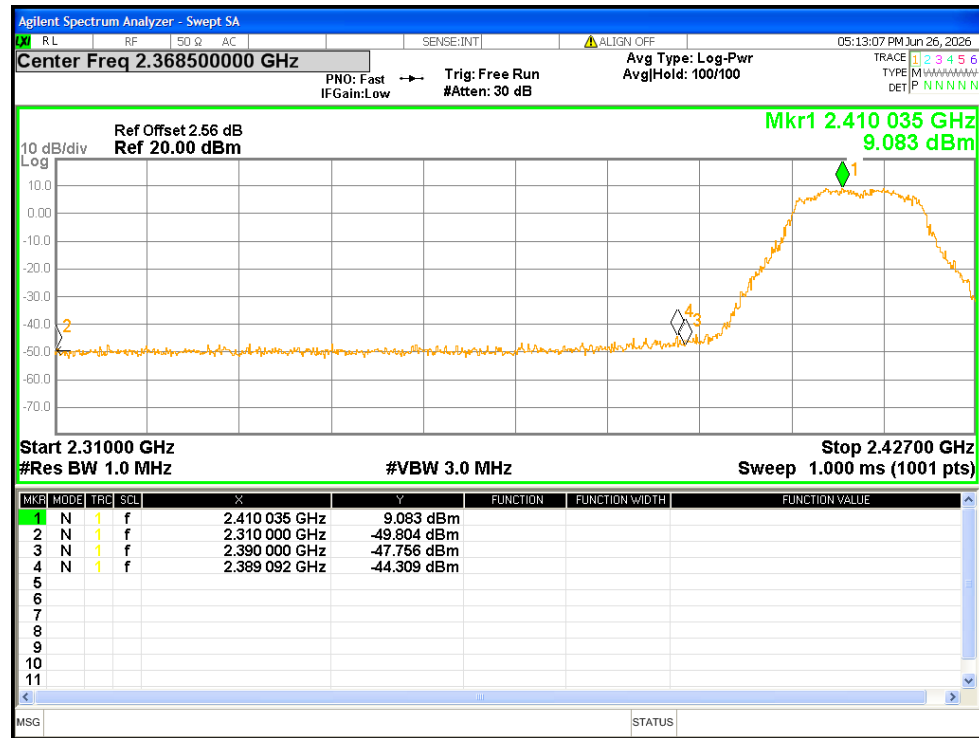
Restrict Band NVNT b 2462MHz Peak



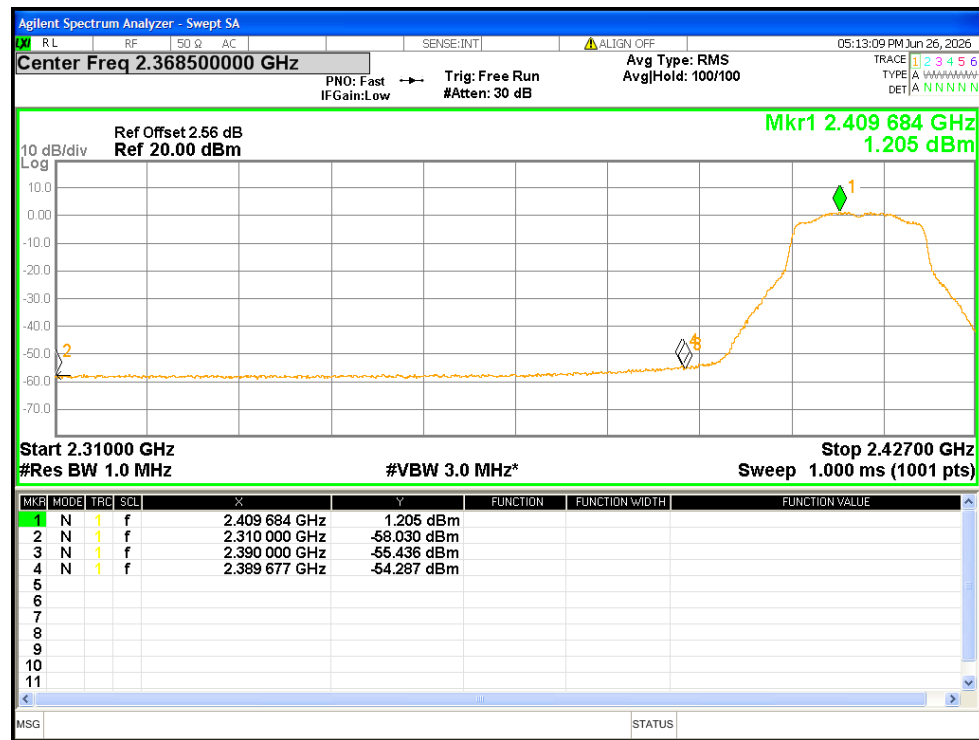
Restrict Band NVNT b 2462MHz Average



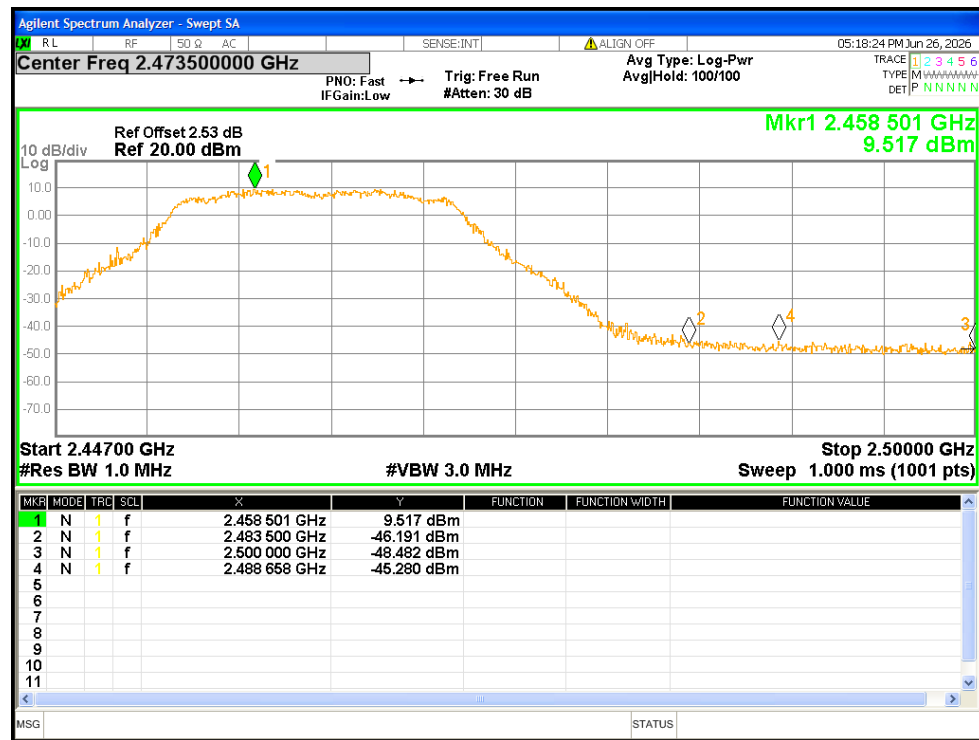
Restrict Band NVNT g 2412MHz Peak



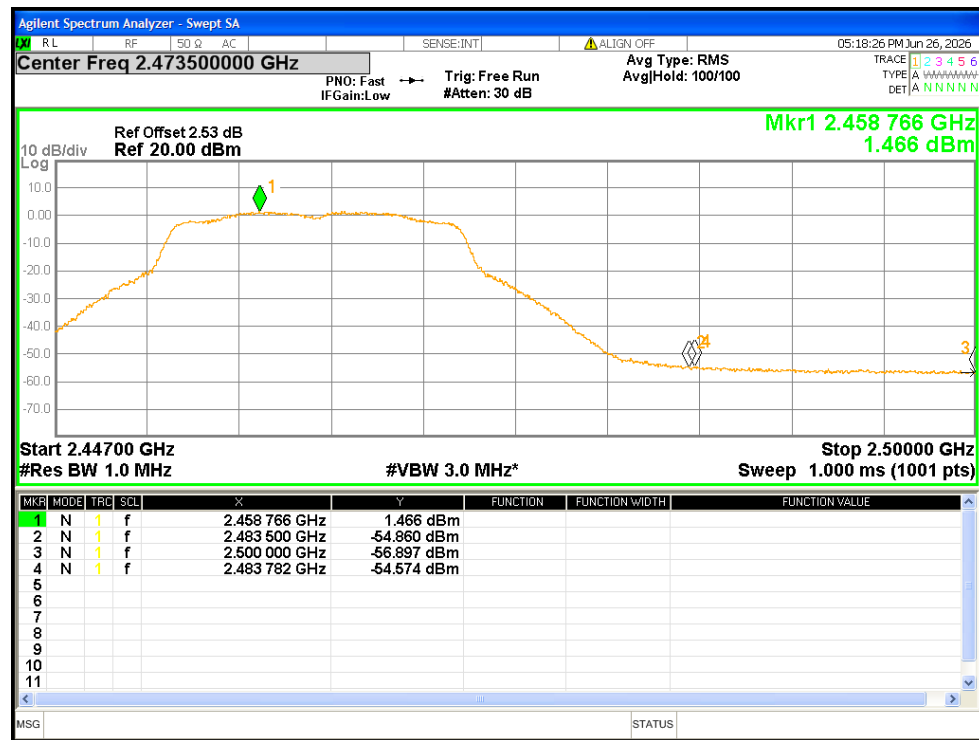
Restrict Band NVNT g 2412MHz Average



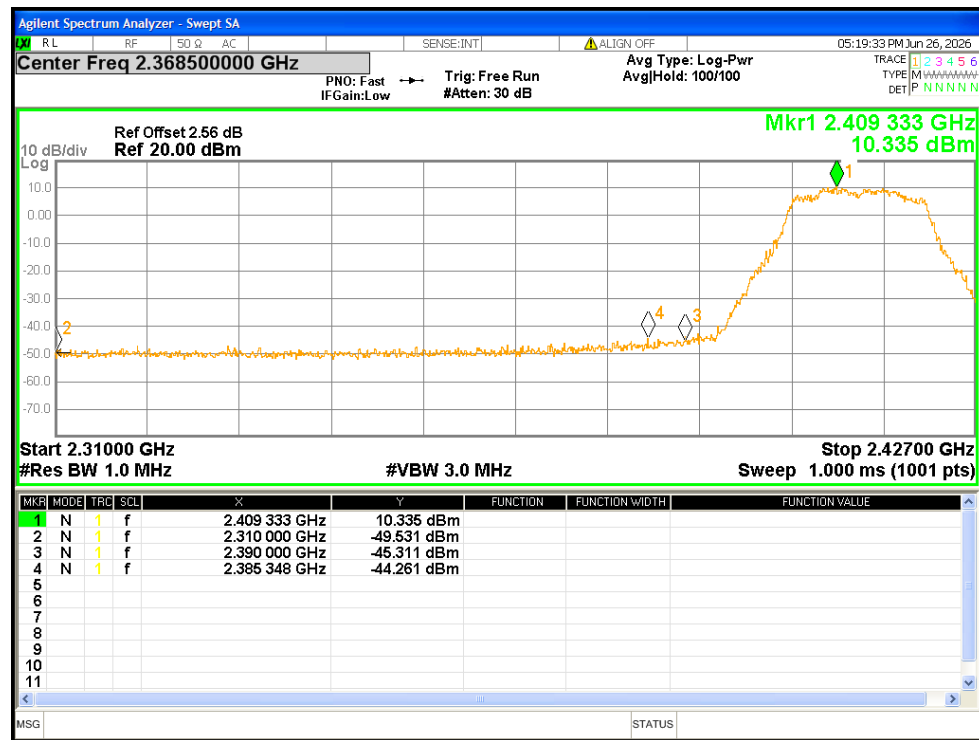
Restrict Band NVNT g 2462MHz Peak



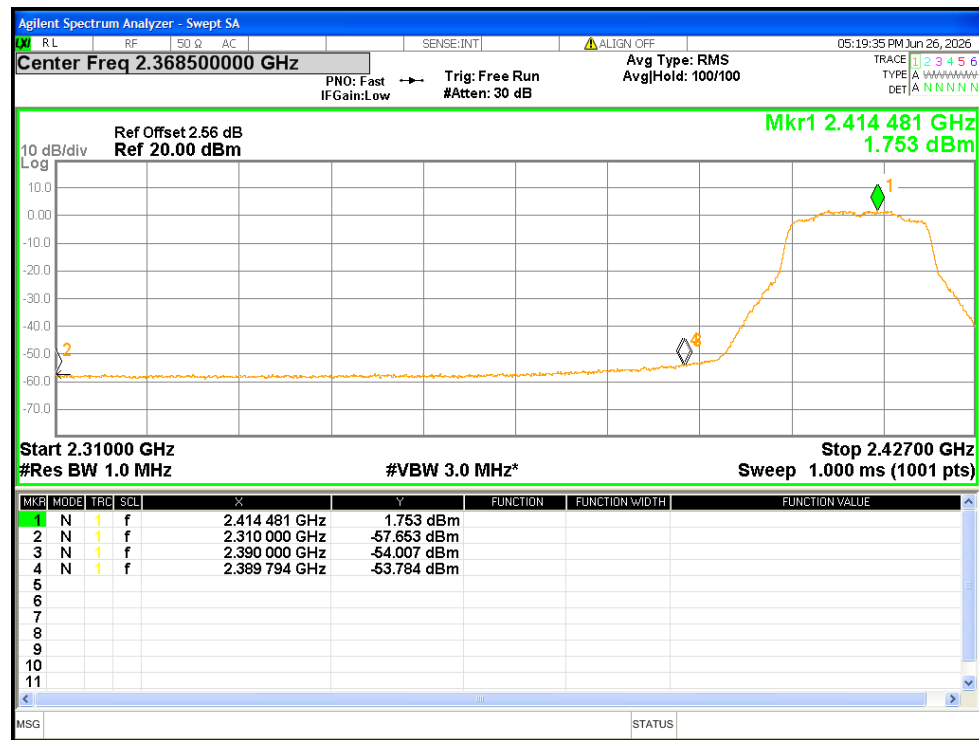
Restrict Band NVNT g 2462MHz Average



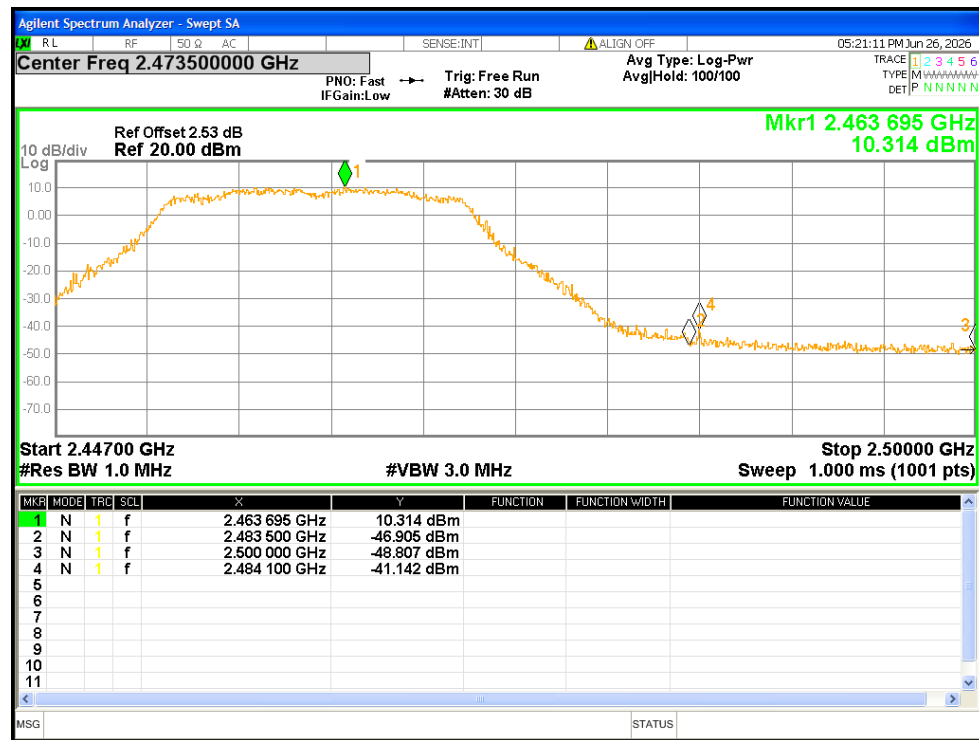
Restrict Band NVNT n20 2412MHz Peak



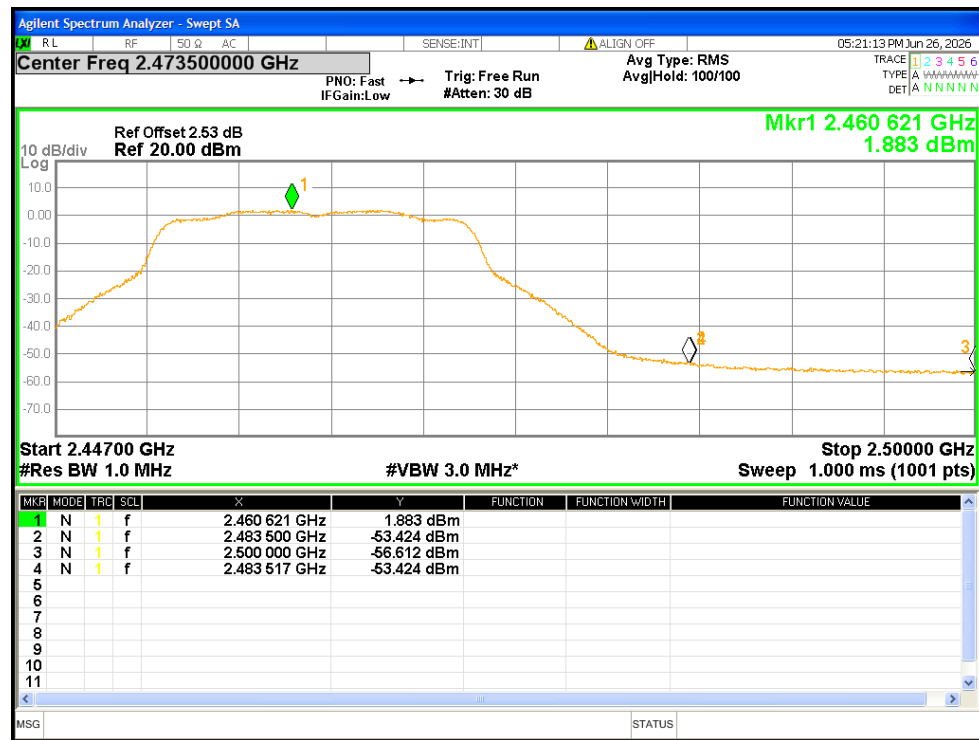
Restrict Band NVNT n20 2412MHz Average



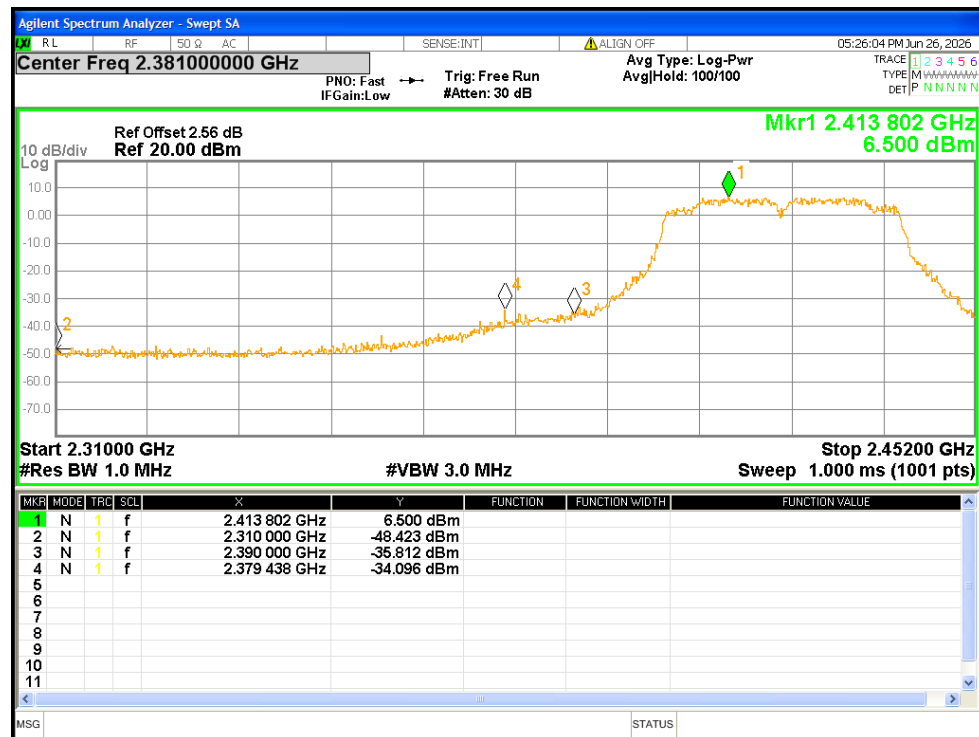
Restrict Band NVNT n20 2462MHz Peak



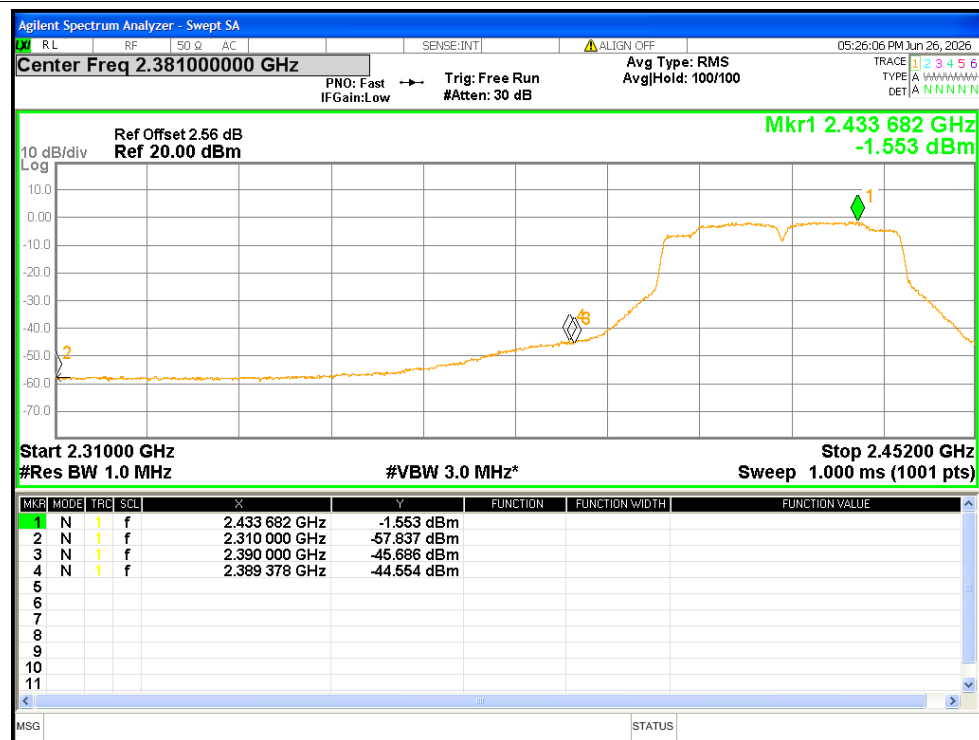
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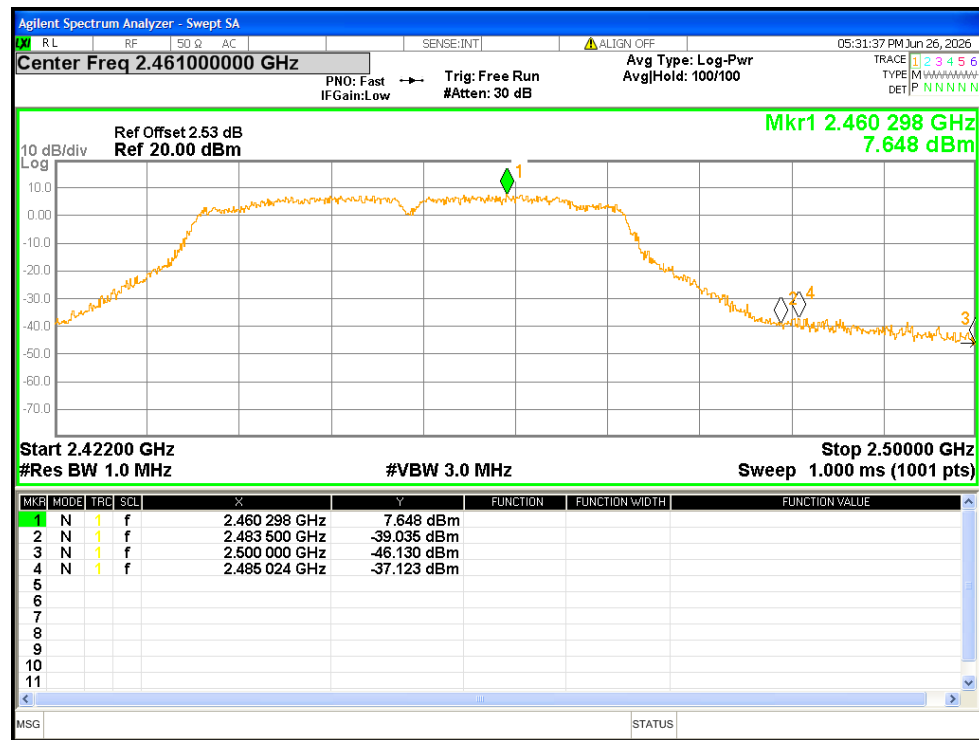
Restrict Band NVNT n40 2422MHz Peak



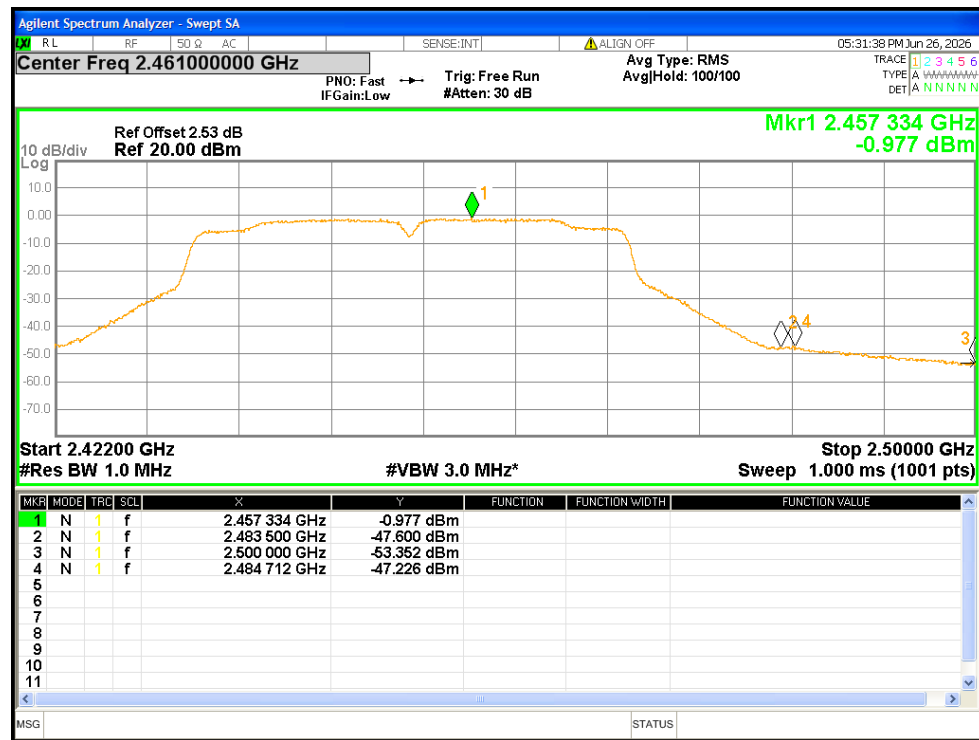
Restrict Band NVNT n40 2422MHz Average



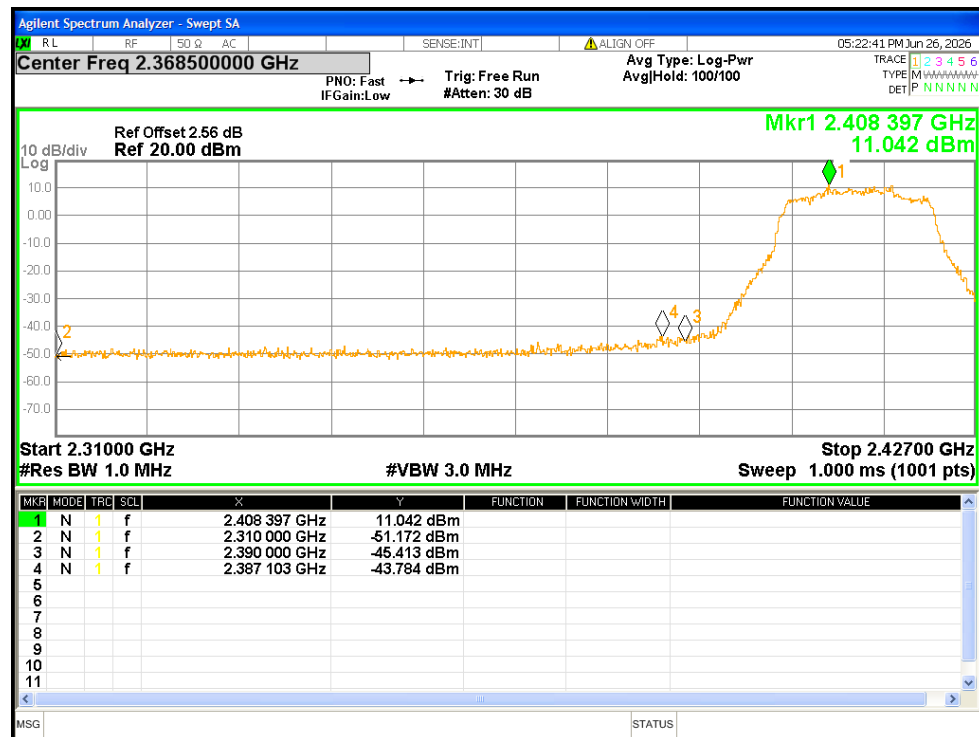
Restrict Band NVNT n40 2452MHz Peak



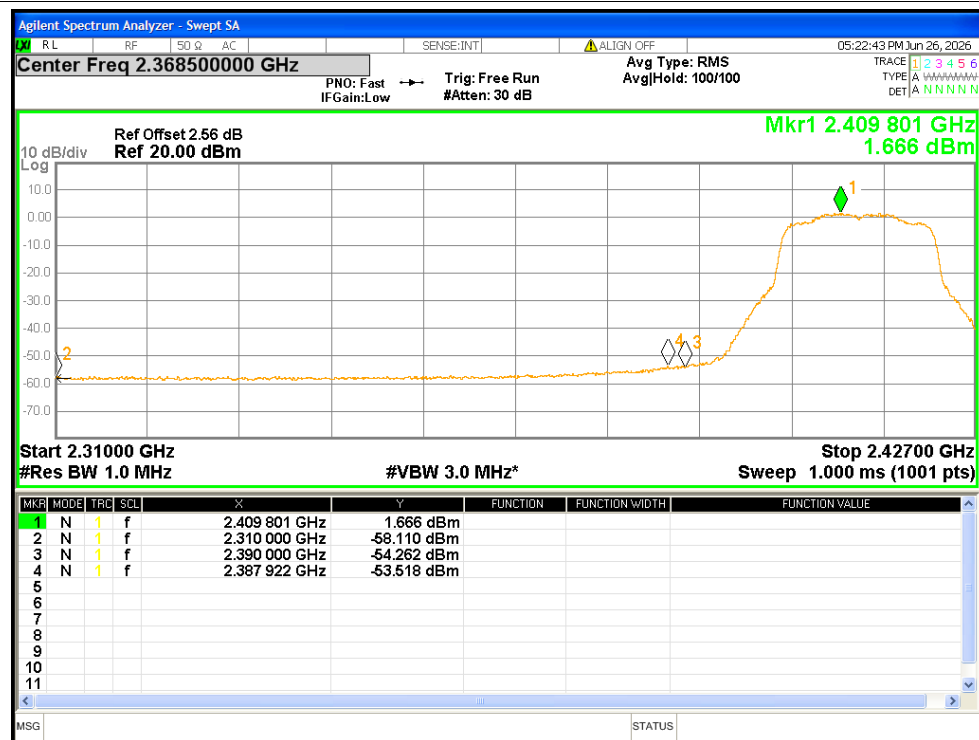
Restrict Band NVNT n40 2452MHz Average



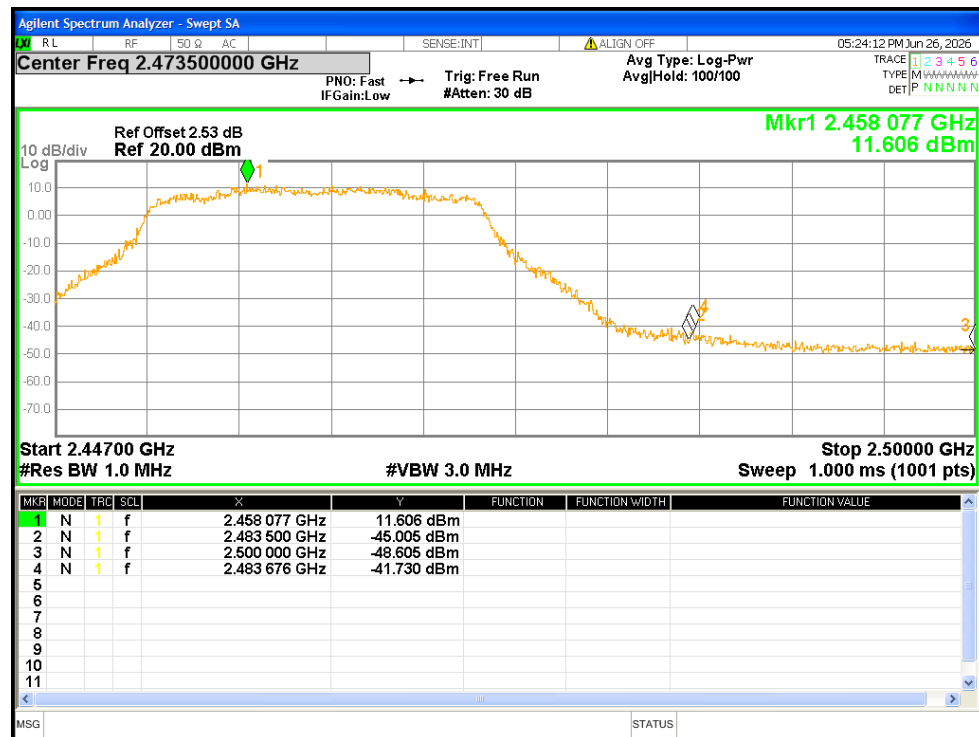
Restrict Band NVNT ax20 2412MHz Peak



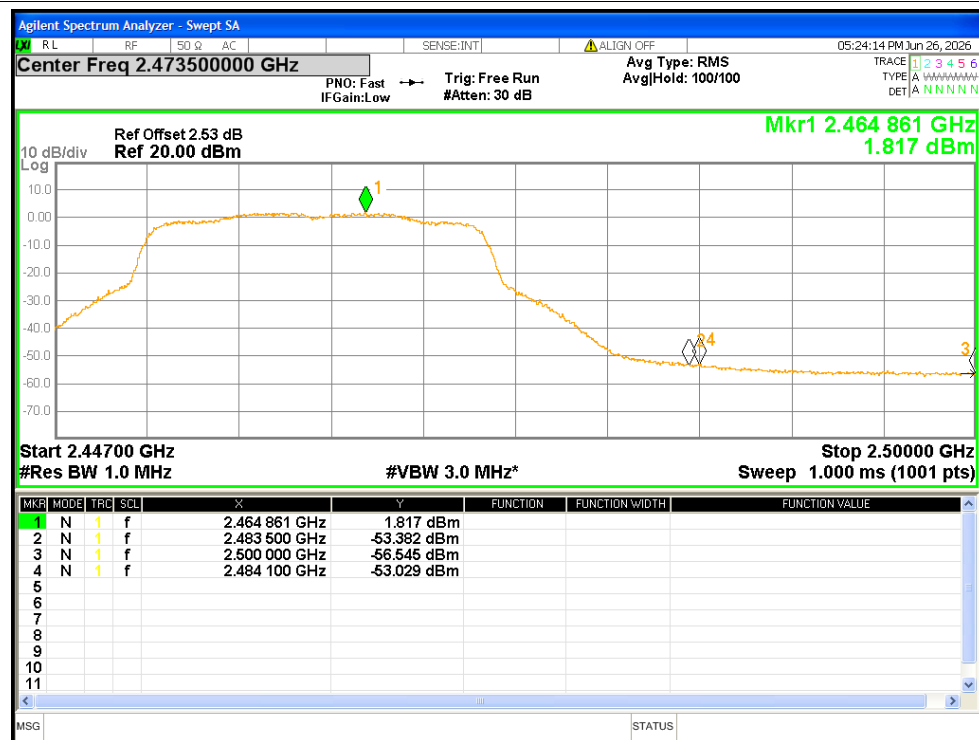
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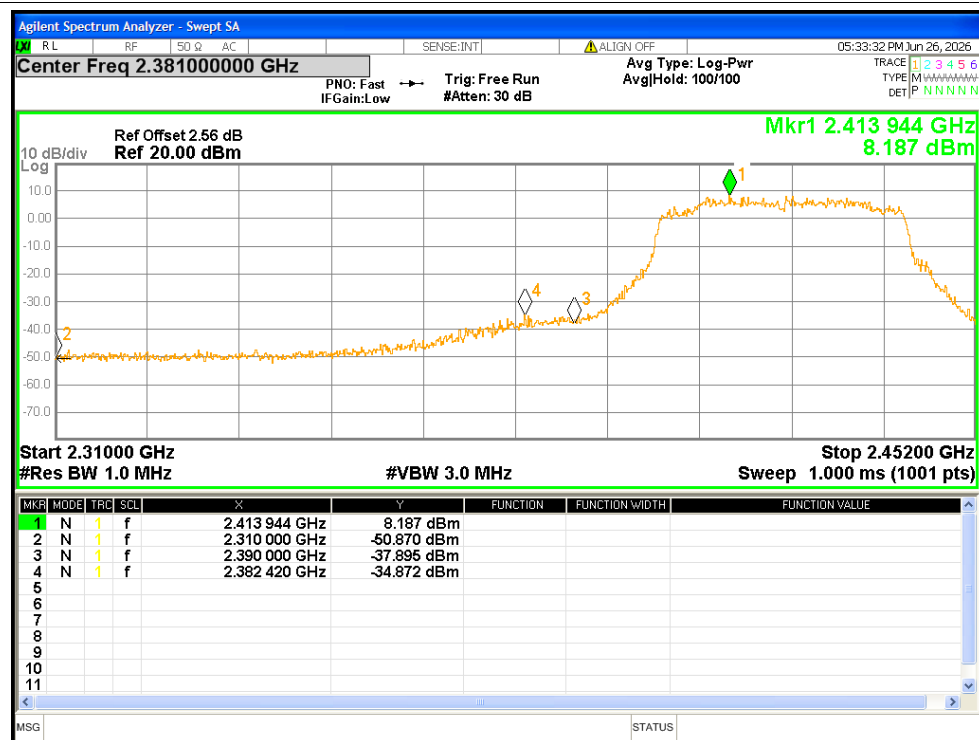
Restrict Band NVNT ax20 2462MHz Peak



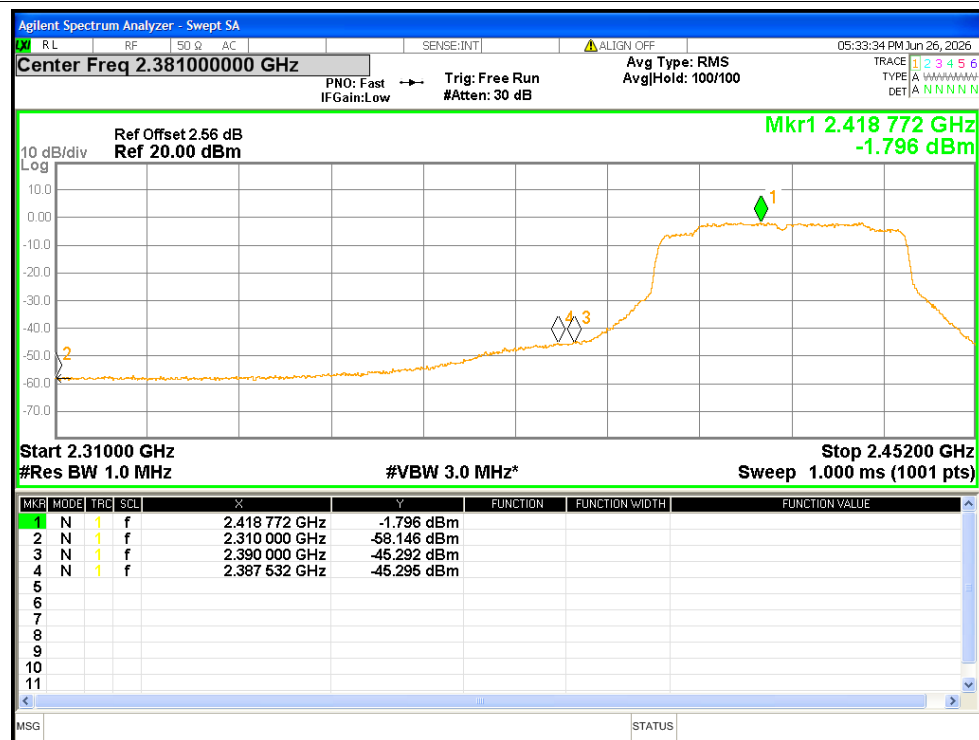
Restrict Band NVNT ax20 2462MHz Average



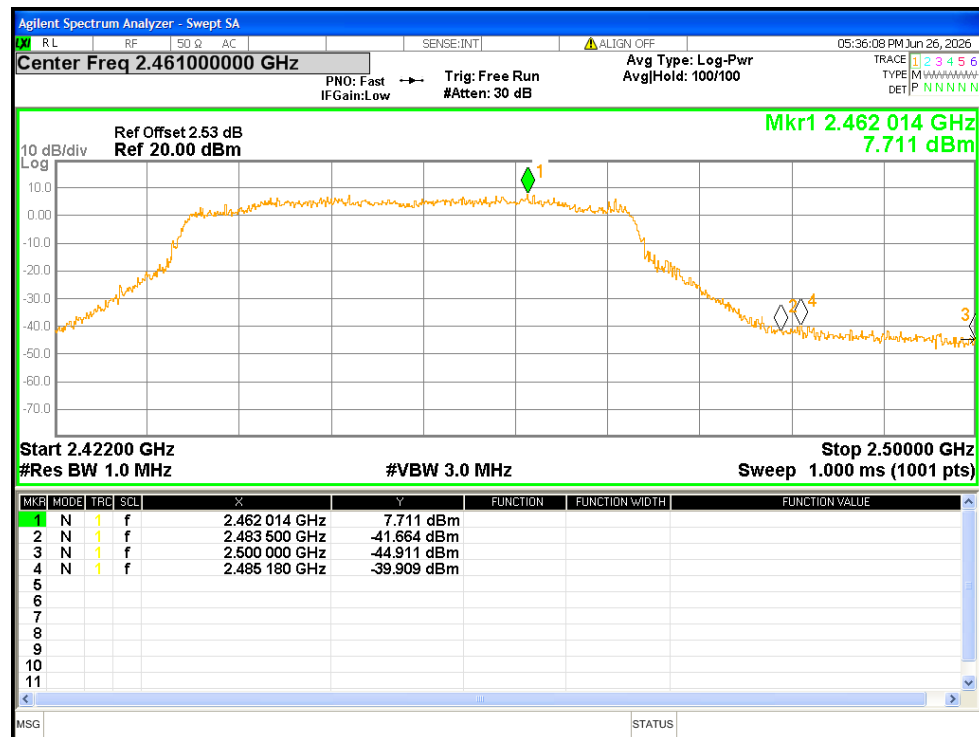
Restrict Band NVNT ax40 2422MHz Peak



Restrict Band NVNT ax40 2422MHz Average



Restrict Band NVNT ax40 2452MHz Peak



Restrict Band NVNT ax40 2452MHz Average

