



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: CloverAir Low Vision AR Glasses

Test Model: HVM016A

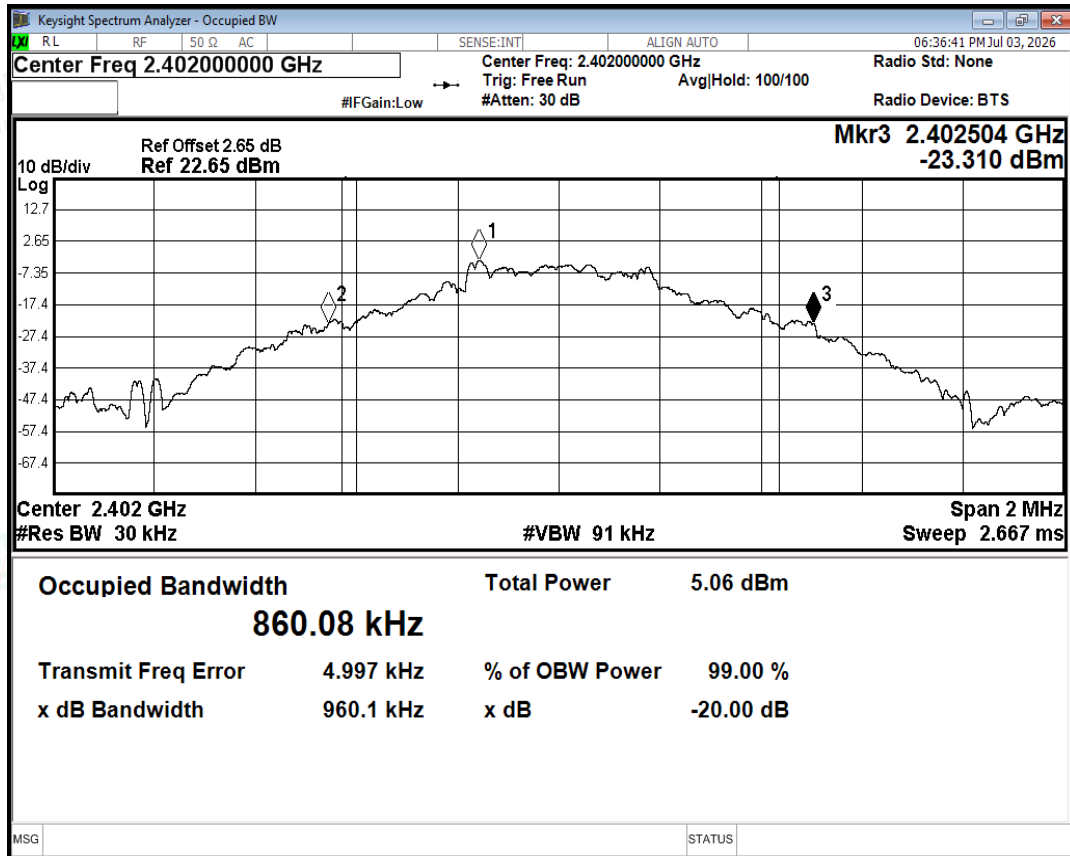
Environmental Conditions

Temperature:	24.6°C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun

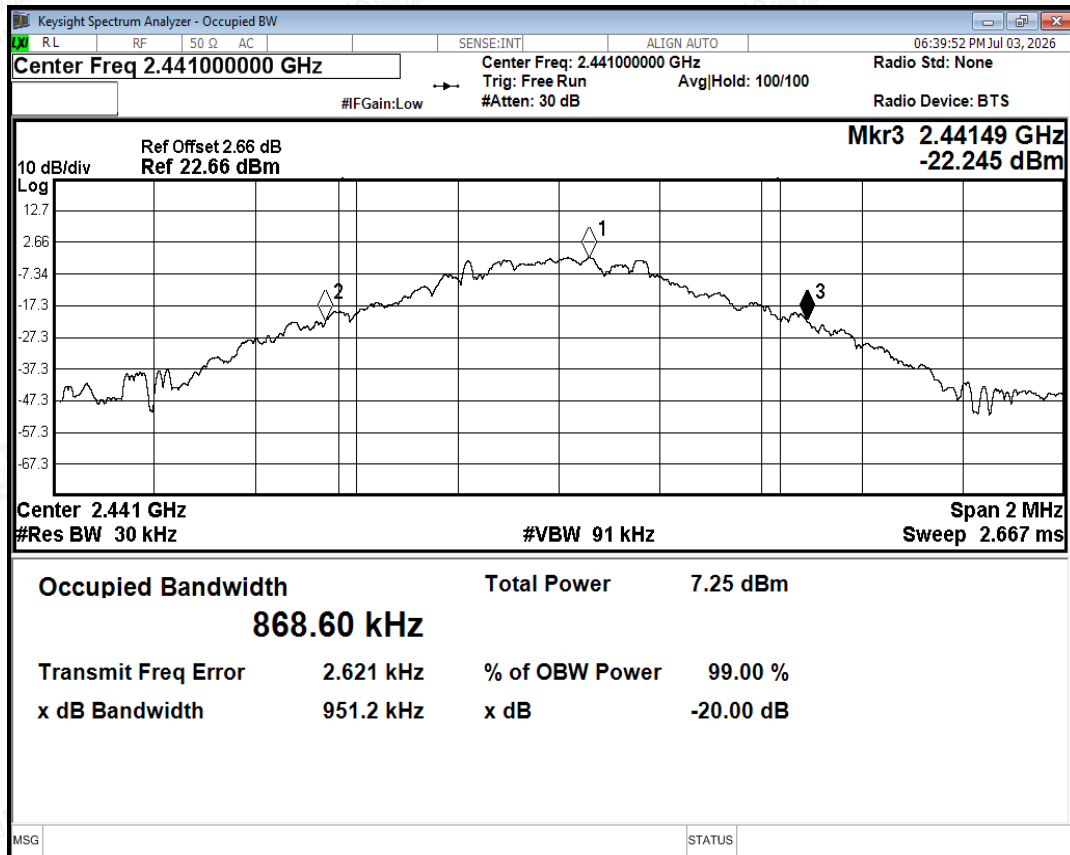


A.1 -20dB Bandwidth

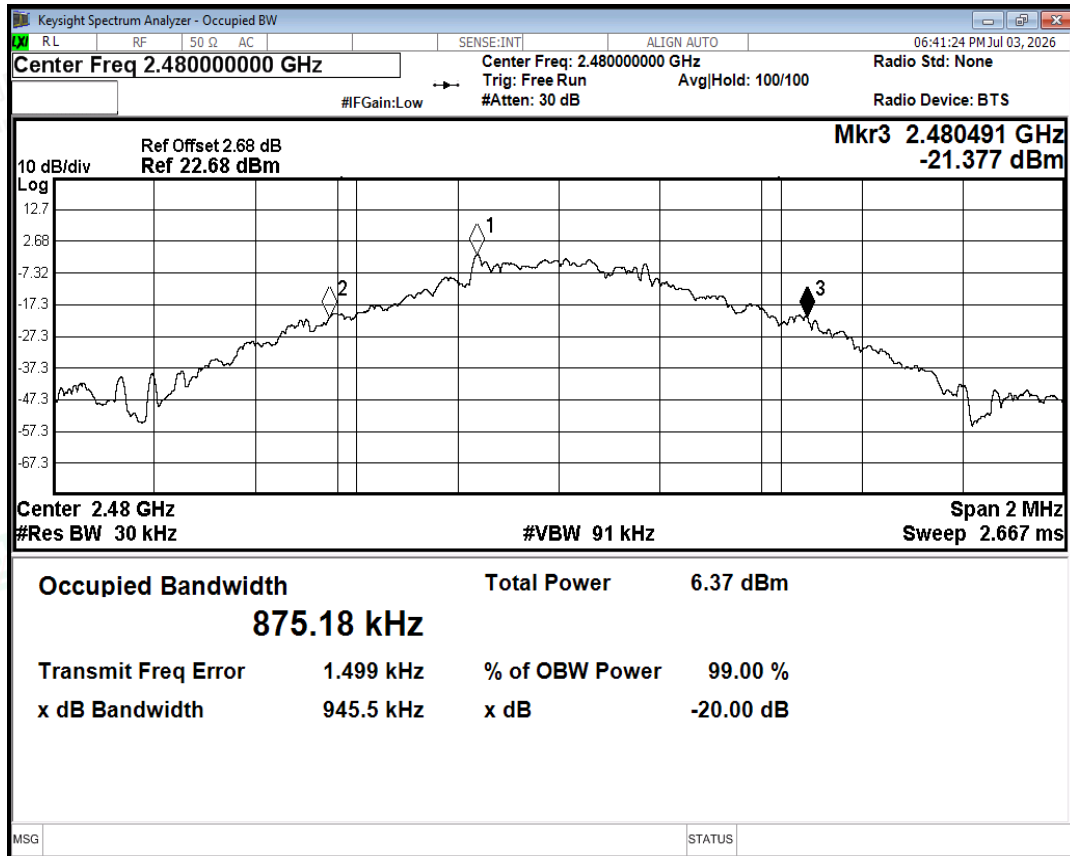
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.9601	0	Pass
NVNT	1-DH5	2441	Ant1	0.9512	0	Pass
NVNT	1-DH5	2480	Ant1	0.9455	0	Pass
NVNT	2-DH5	2402	Ant1	1.287	0	Pass
NVNT	2-DH5	2441	Ant1	1.28	0	Pass
NVNT	2-DH5	2480	Ant1	1.287	0	Pass
NVNT	3-DH5	2402	Ant1	1.295	0	Pass
NVNT	3-DH5	2441	Ant1	1.302	0	Pass
NVNT	3-DH5	2480	Ant1	1.288	0	Pass



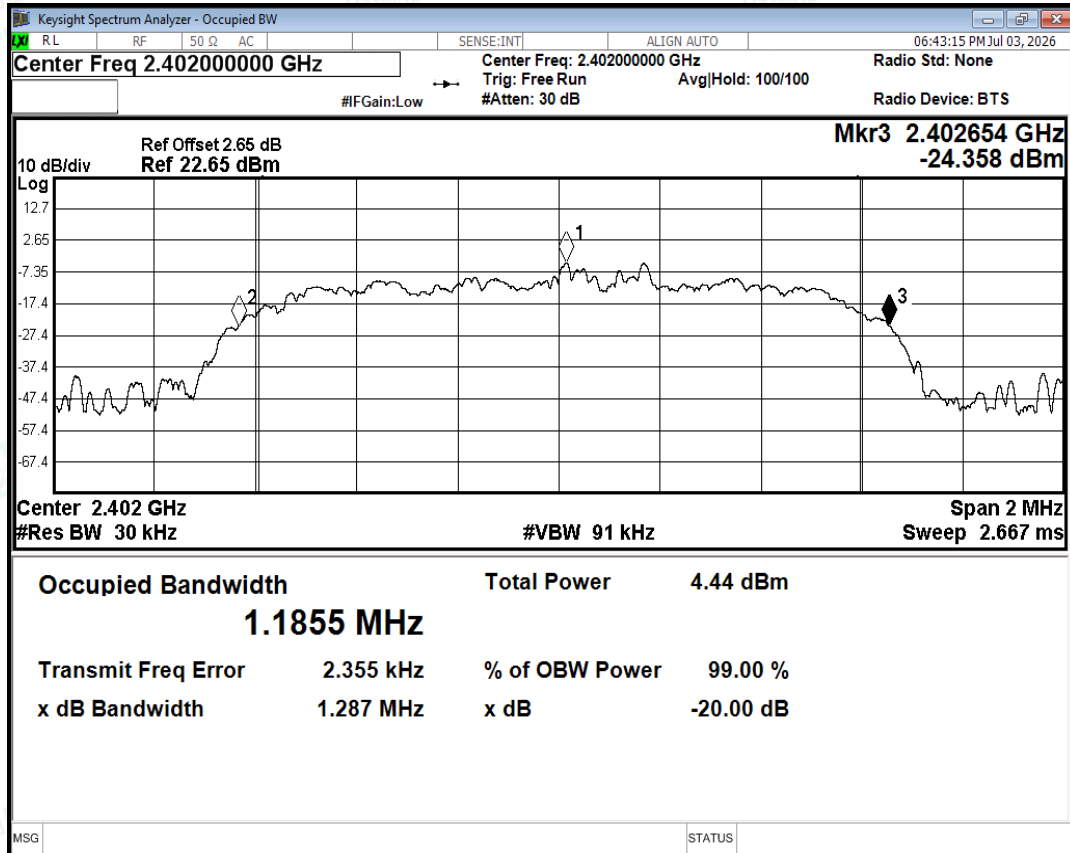
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



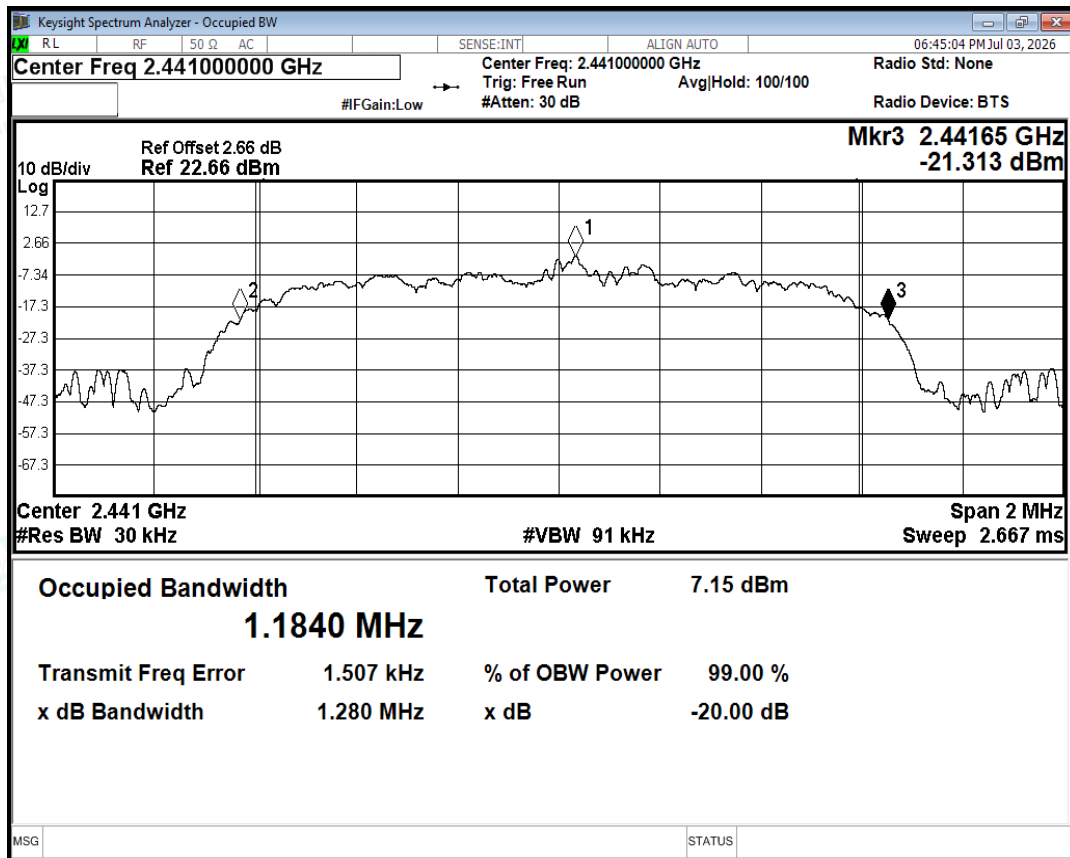
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



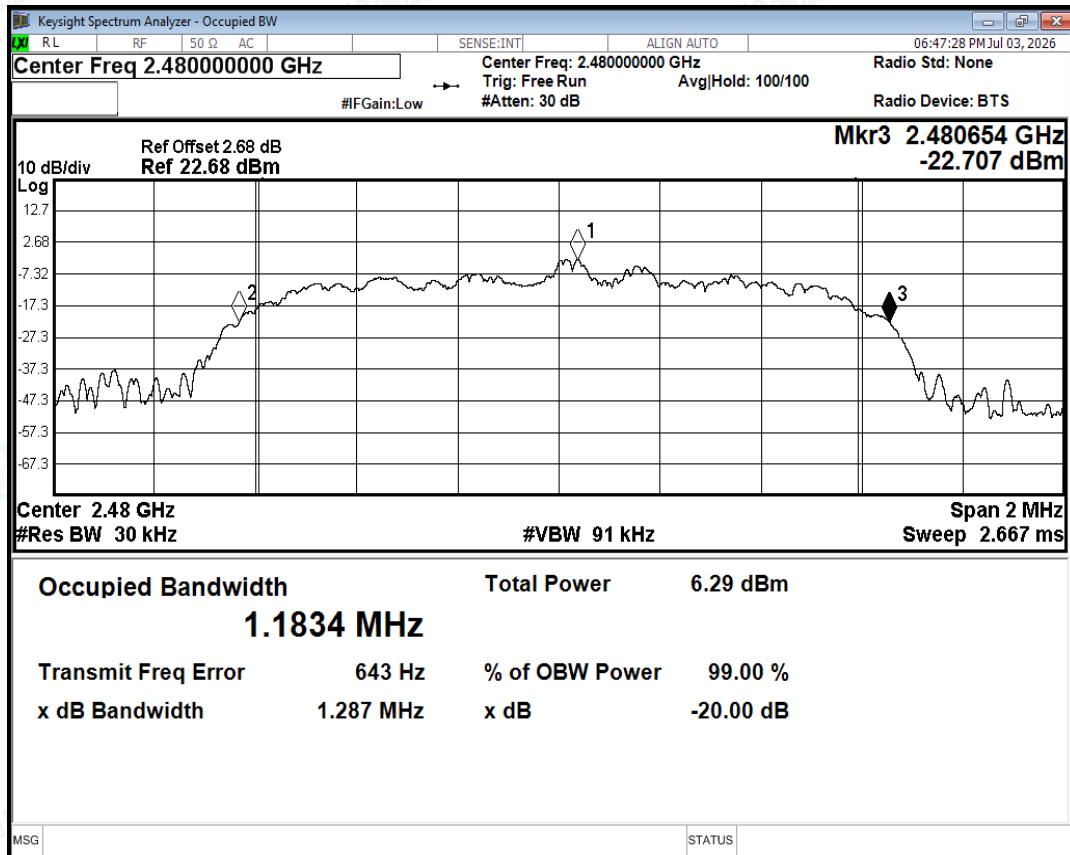
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



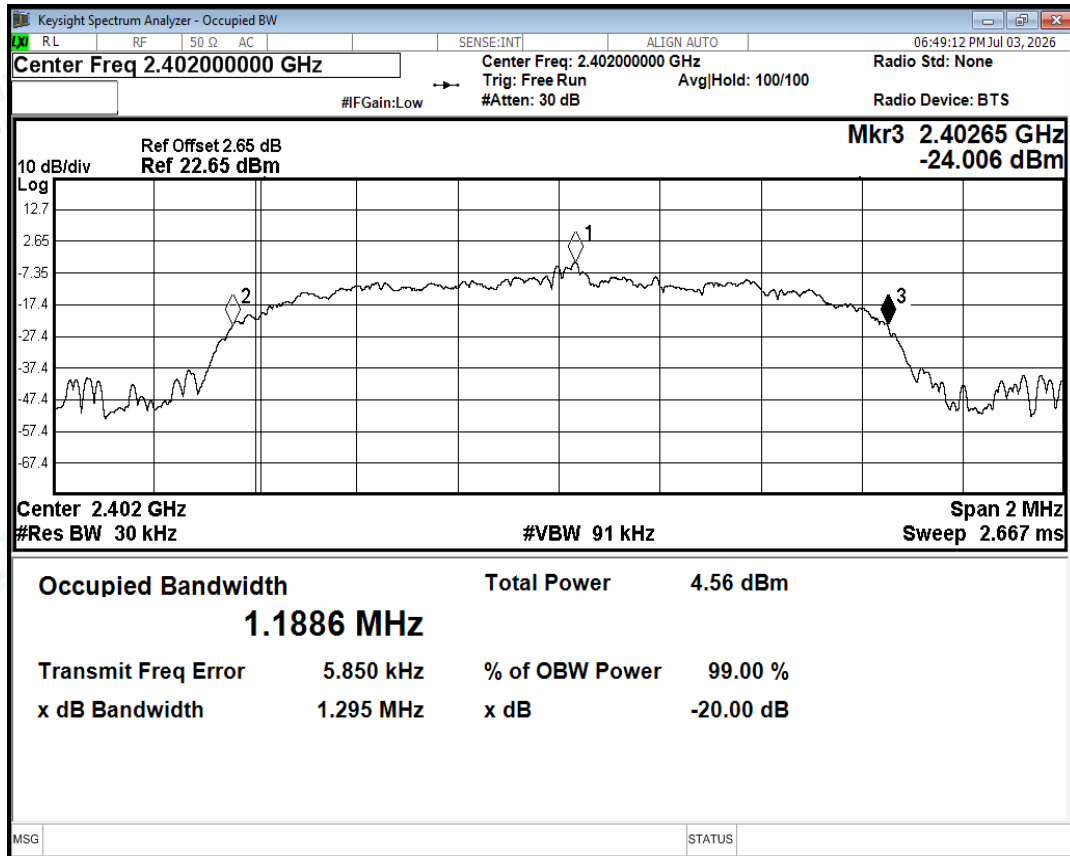
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



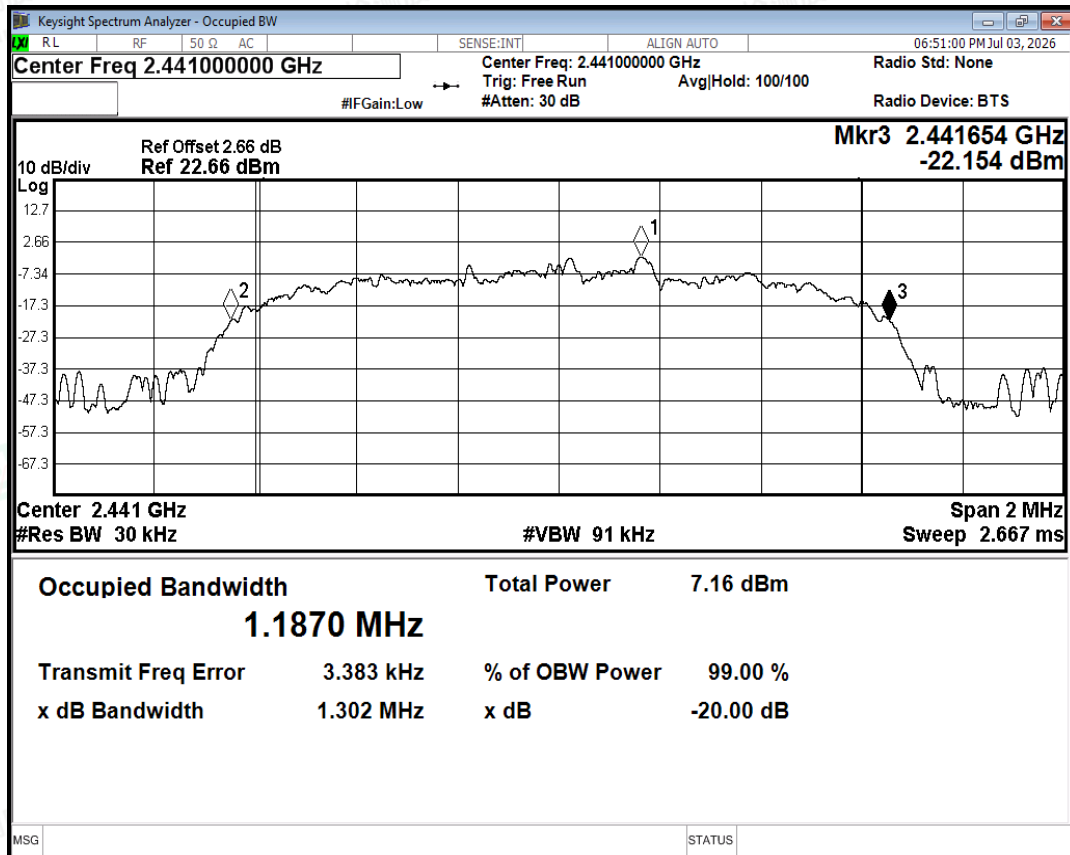
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



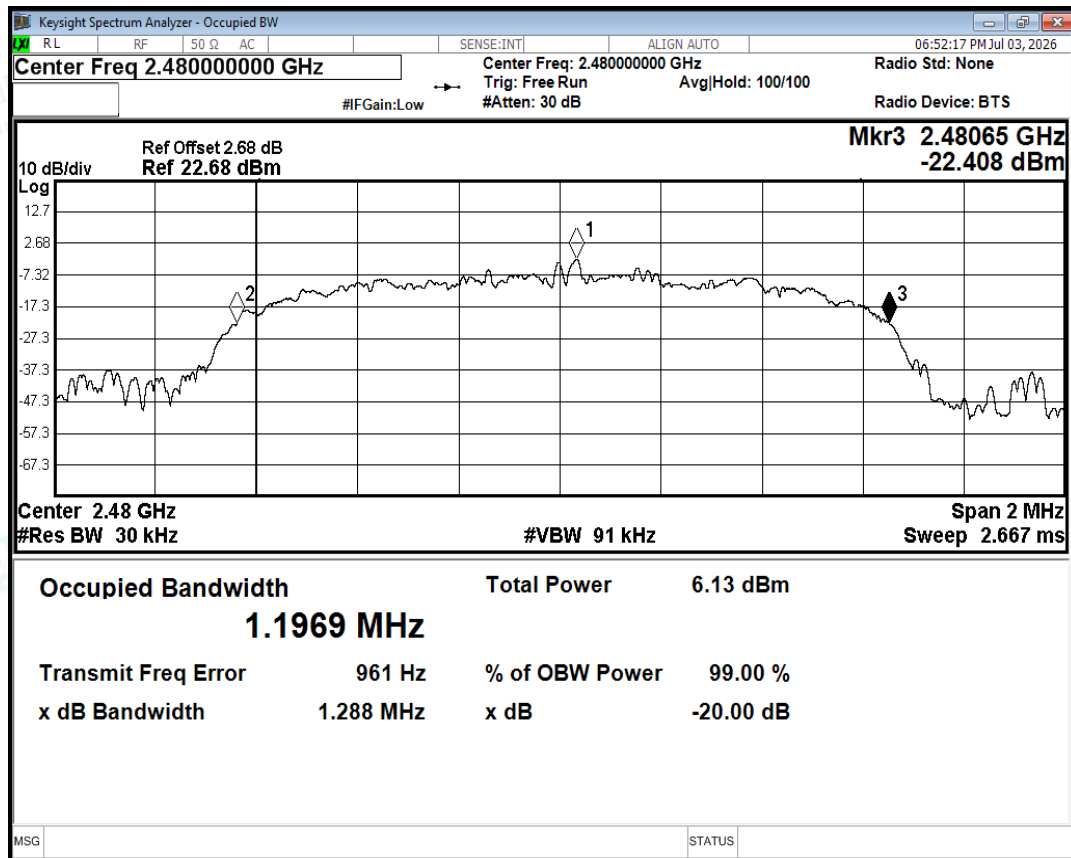
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

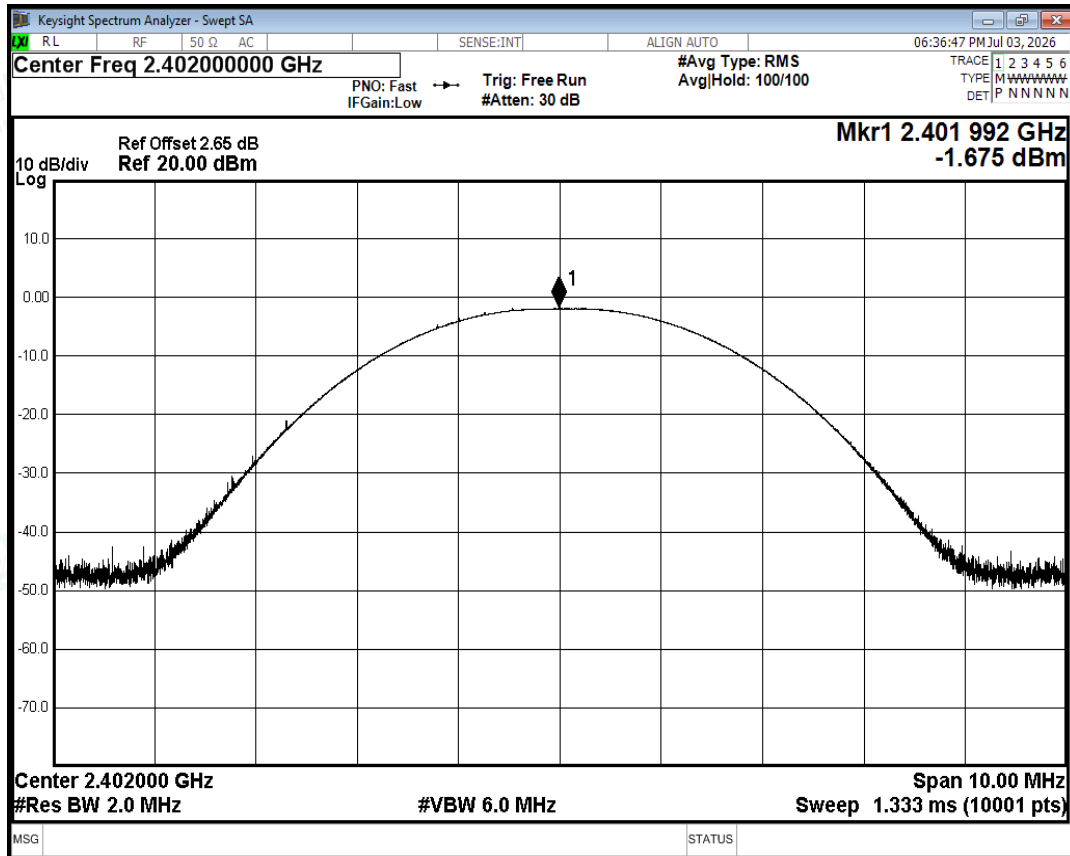


-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

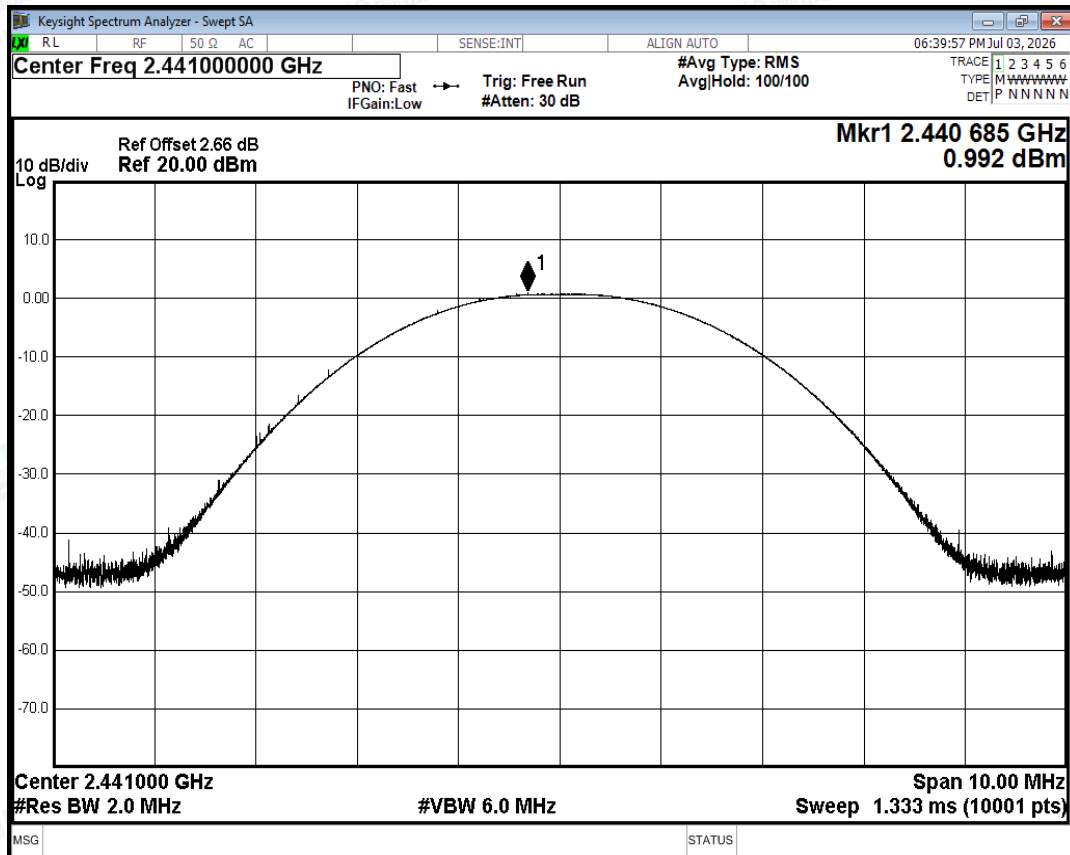


A.2 Maximum Peak Conducted Output Power

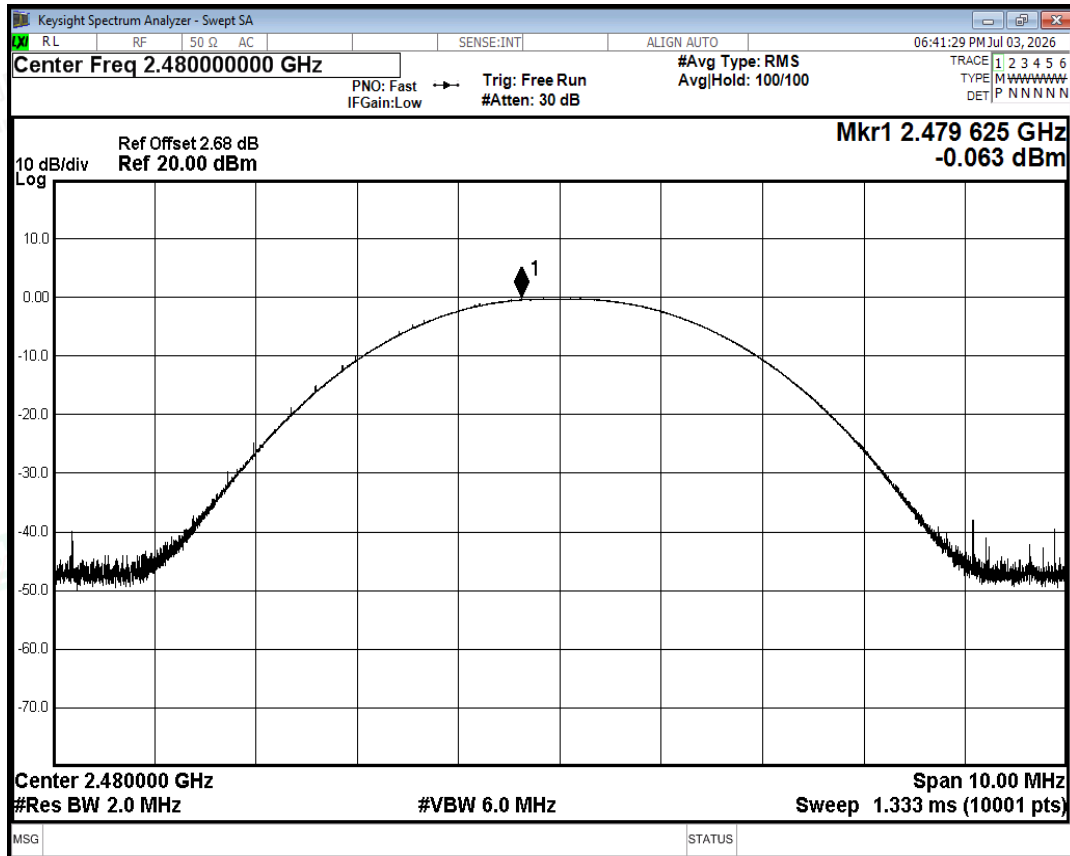
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-1.68	30	Pass
NVNT	1-DH5	2441	Ant1	0.99	30	Pass
NVNT	1-DH5	2480	Ant1	-0.06	30	Pass
NVNT	2-DH5	2402	Ant1	0.21	30	Pass
NVNT	2-DH5	2441	Ant1	2.66	30	Pass
NVNT	2-DH5	2480	Ant1	1.61	30	Pass
NVNT	3-DH5	2402	Ant1	0.55	30	Pass
NVNT	3-DH5	2441	Ant1	3.01	30	Pass
NVNT	3-DH5	2480	Ant1	1.85	30	Pass



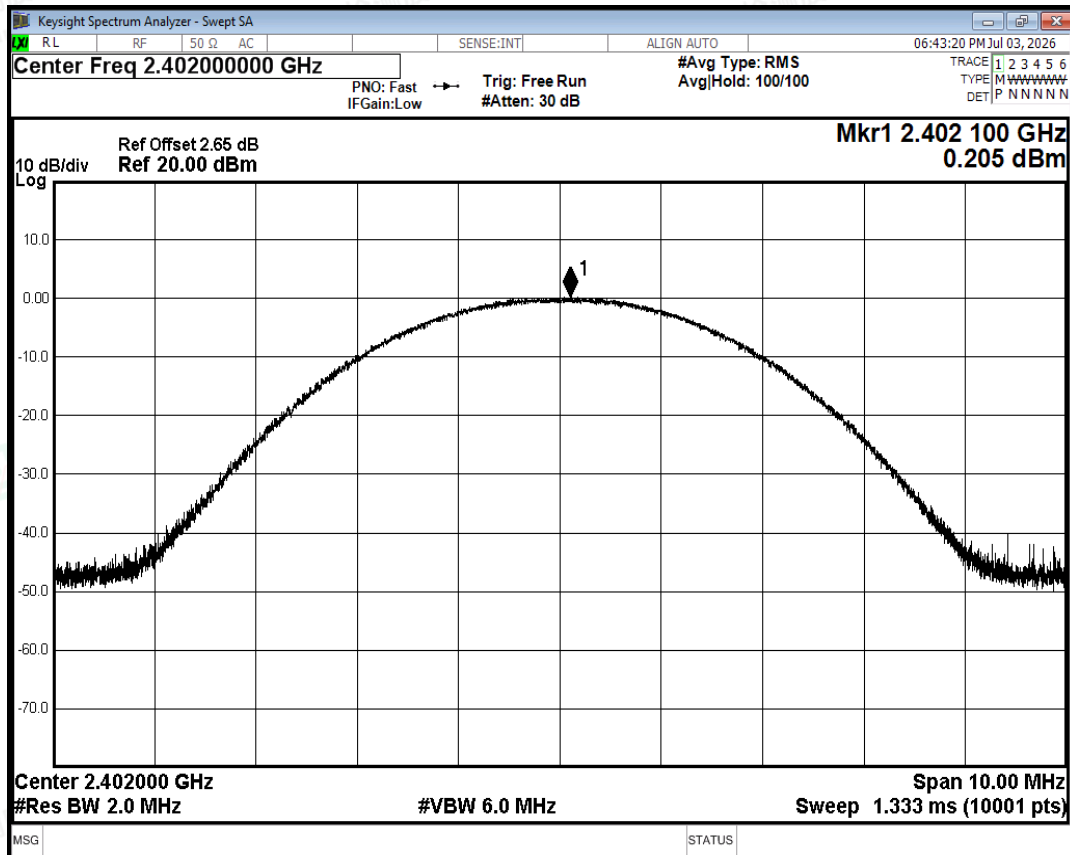
Peak Power NVNT 1-DH5 2402MHz Ant1



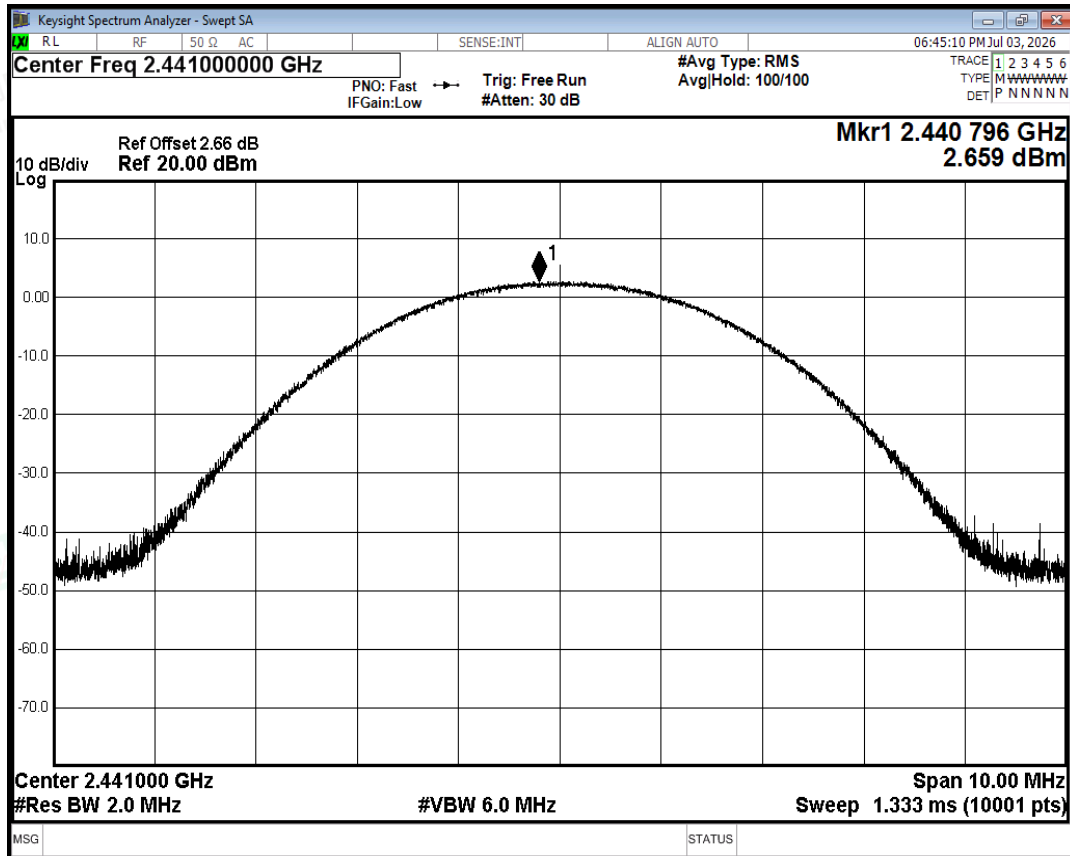
Peak Power NVNT 1-DH5 2441MHz Ant1



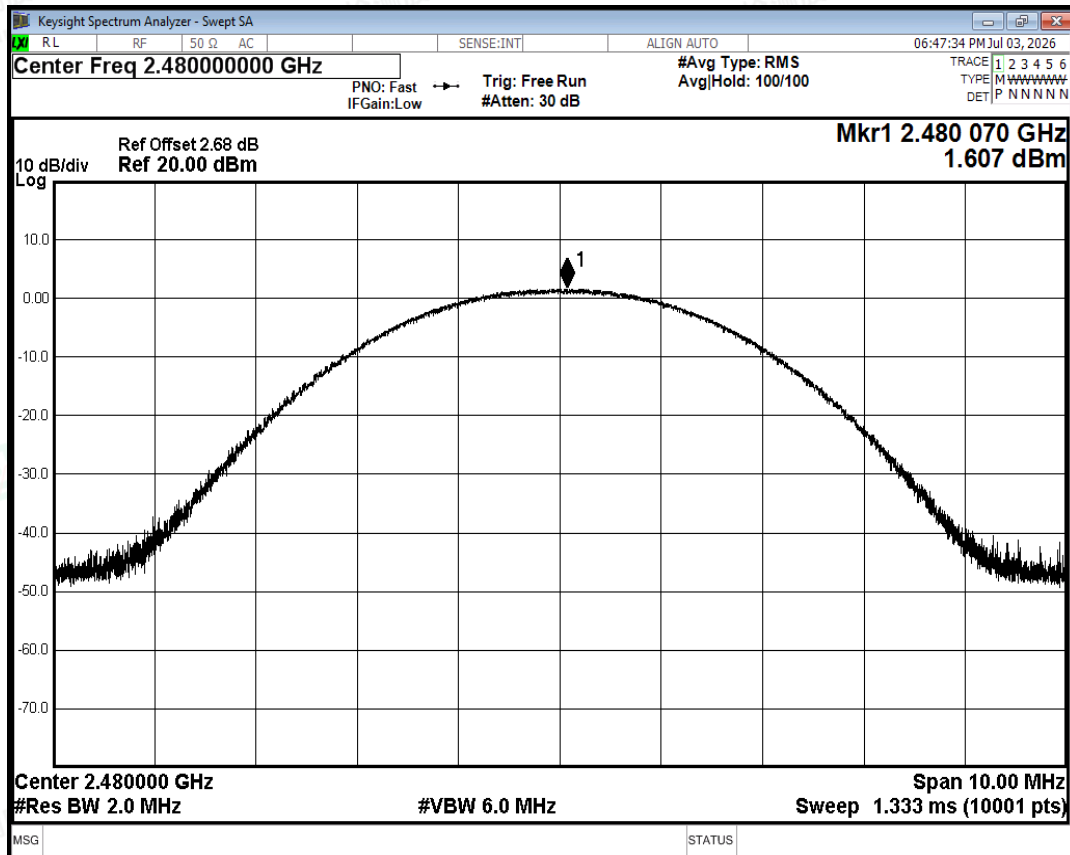
Peak Power NVNT 1-DH5 2480MHz Ant1



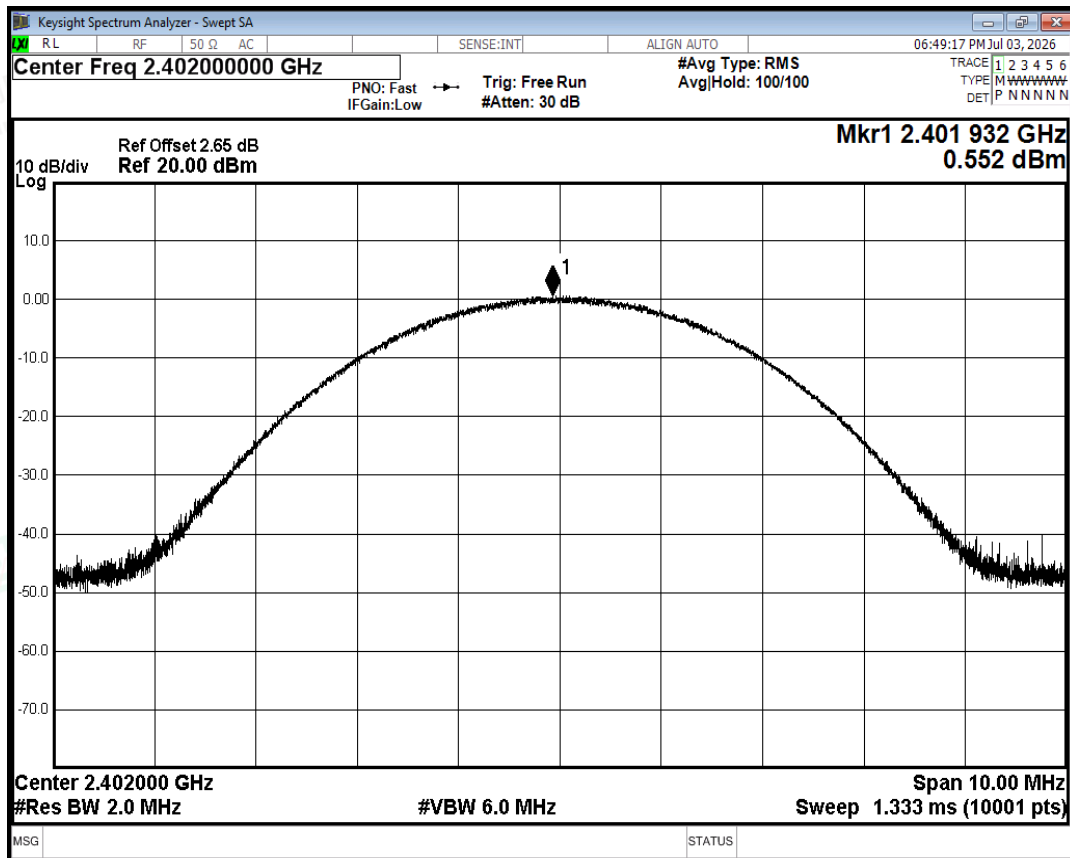
Peak Power NVNT 2-DH5 2402MHz Ant1



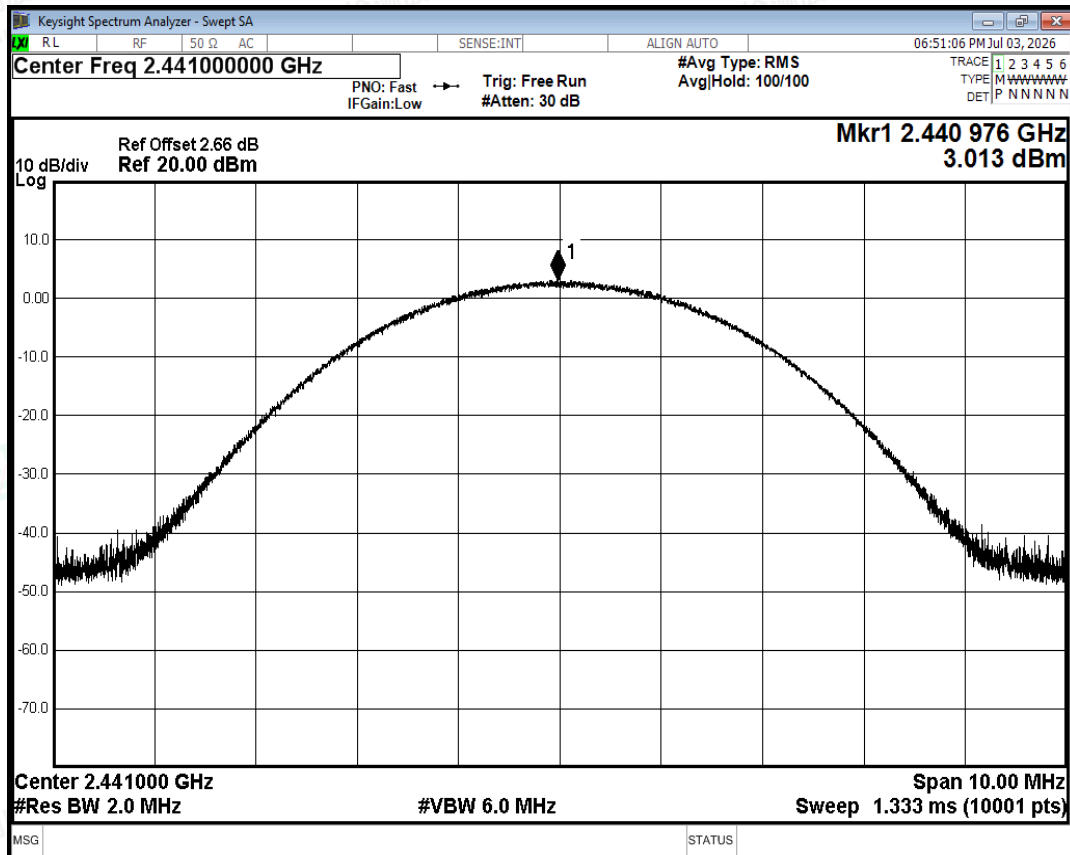
Peak Power NVNT 2-DH5 2441MHz Ant1



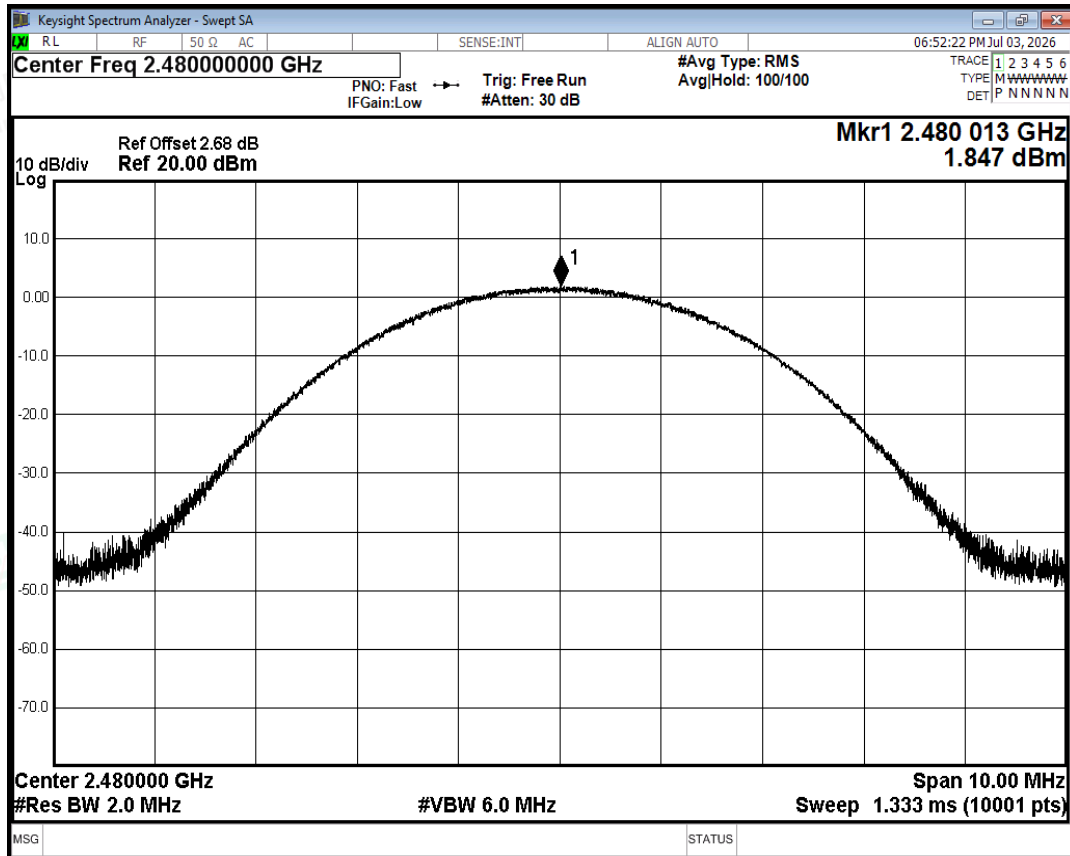
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1

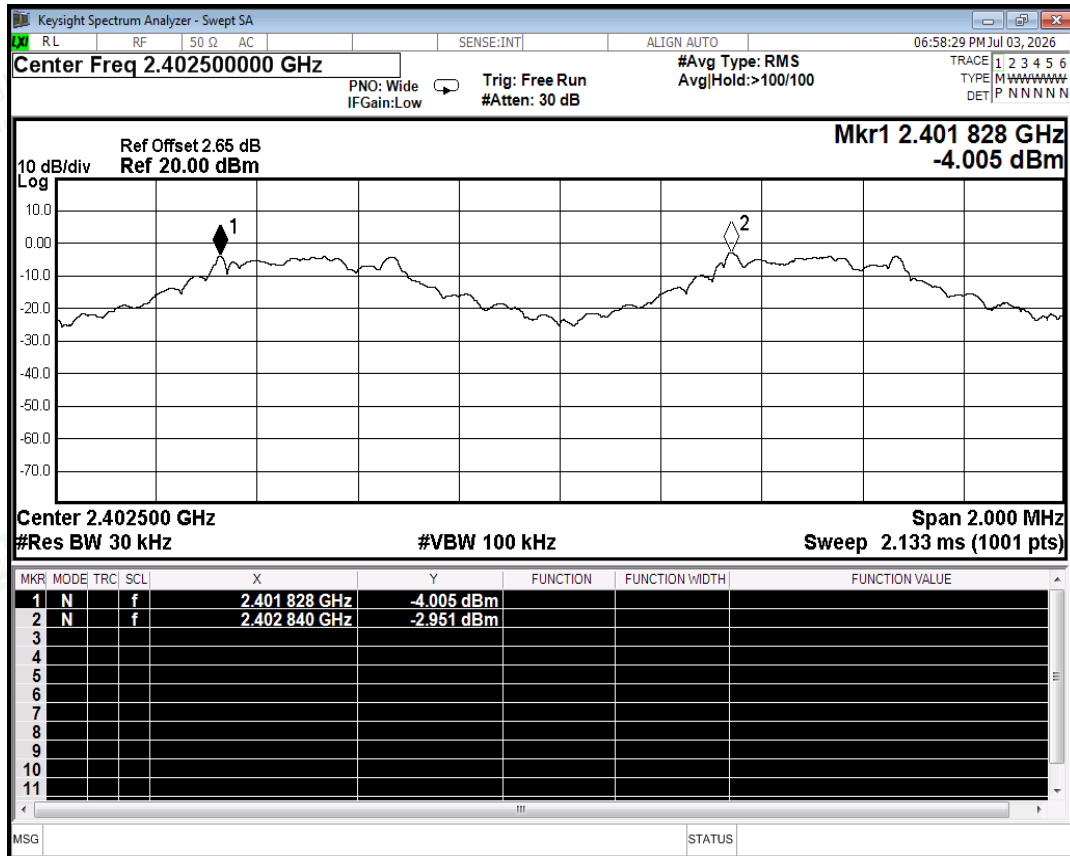


Peak Power NVNT 3-DH5 2480MHz Ant1

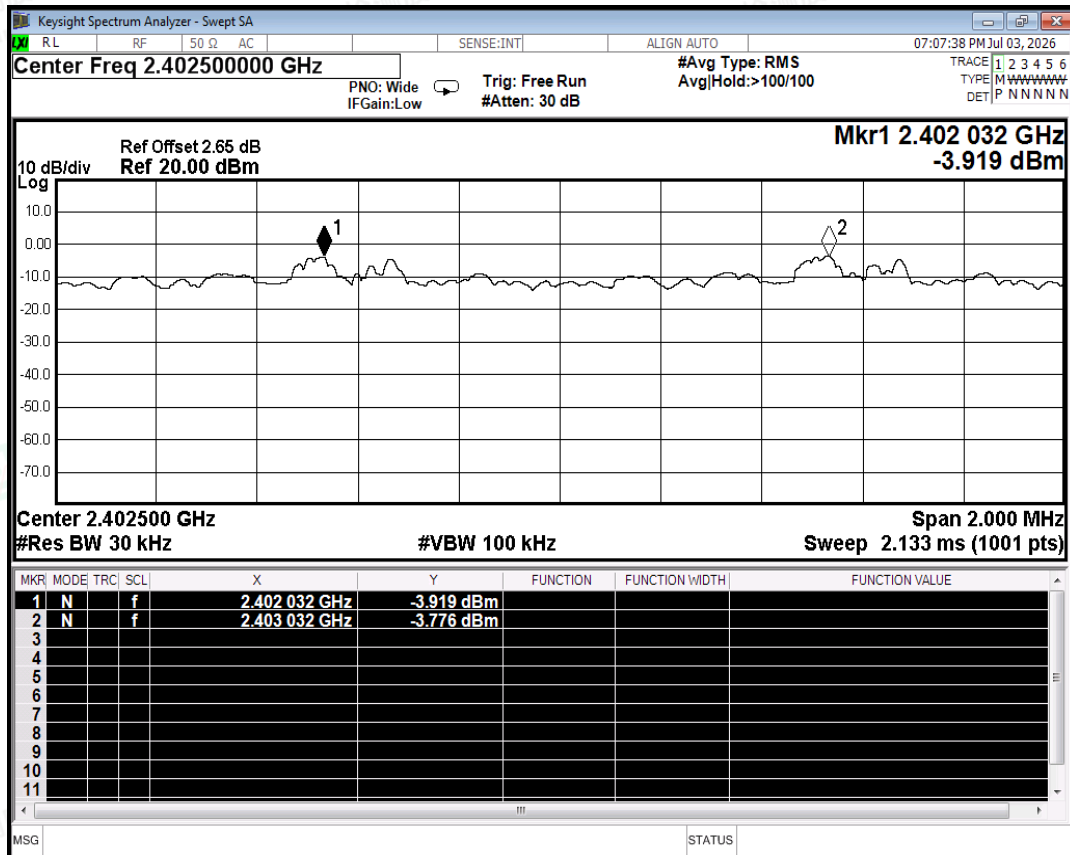


A.3 Carrier Frequencies Separation

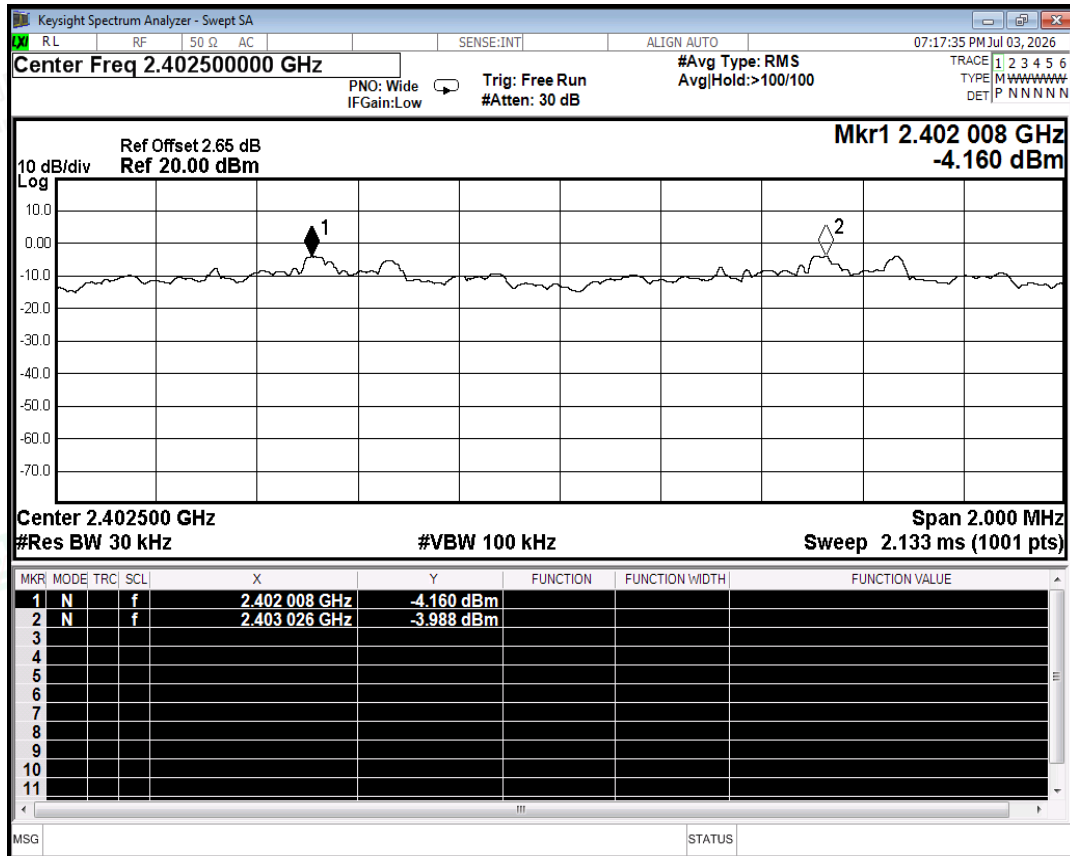
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.828	2402.84	1.012	0.640	Pass
NVNT	2-DH5	Ant1	2402.032	2403.032	1	0.858	Pass
NVNT	3-DH5	Ant1	2402.008	2403.026	1.018	0.868	Pass



CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1

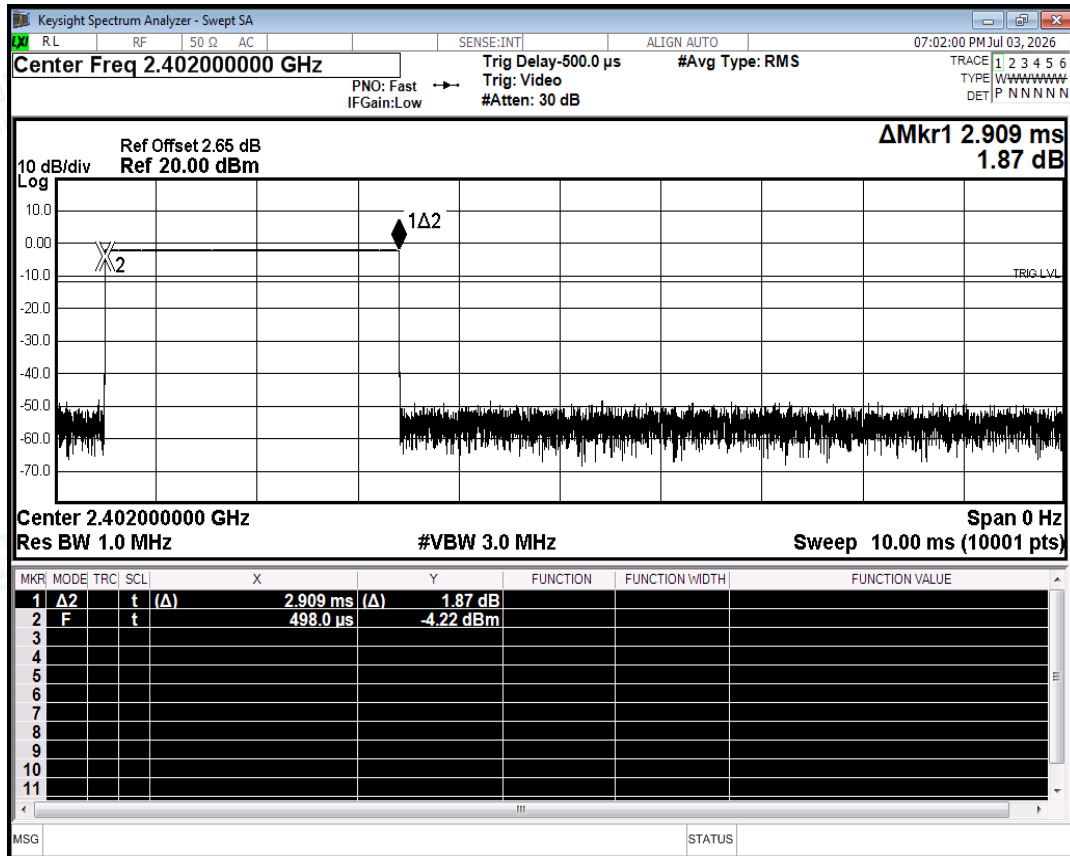


CFS NVNT 3-DH5 2402MHz Ant1

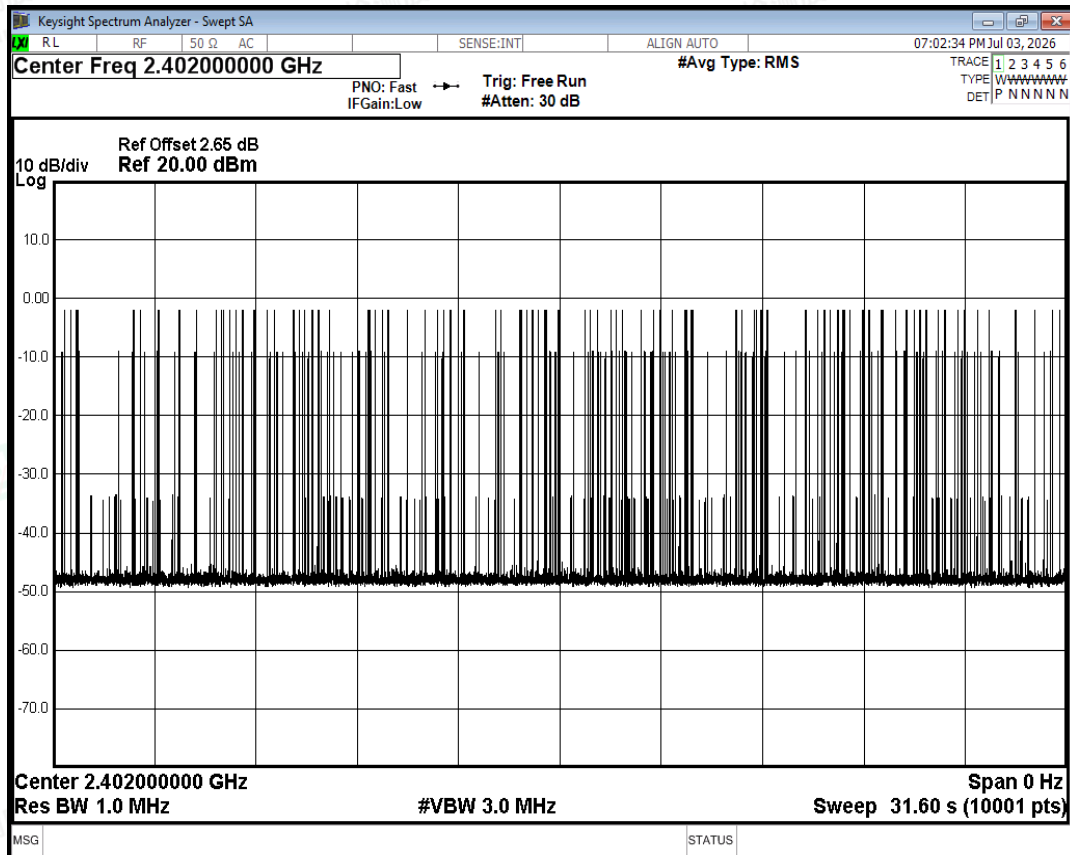


A.4 Dwell Time

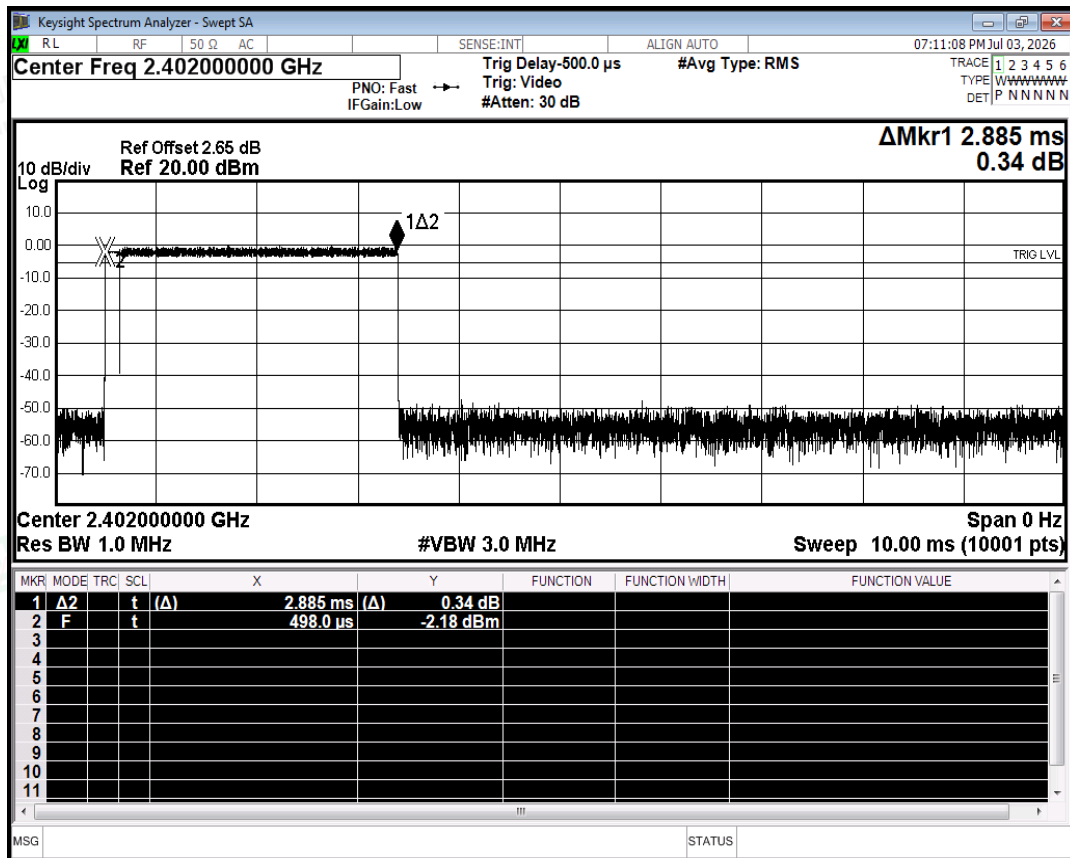
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.909	296.718	102	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	351.97	122	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.896	356.208	123	31600	400	Pass



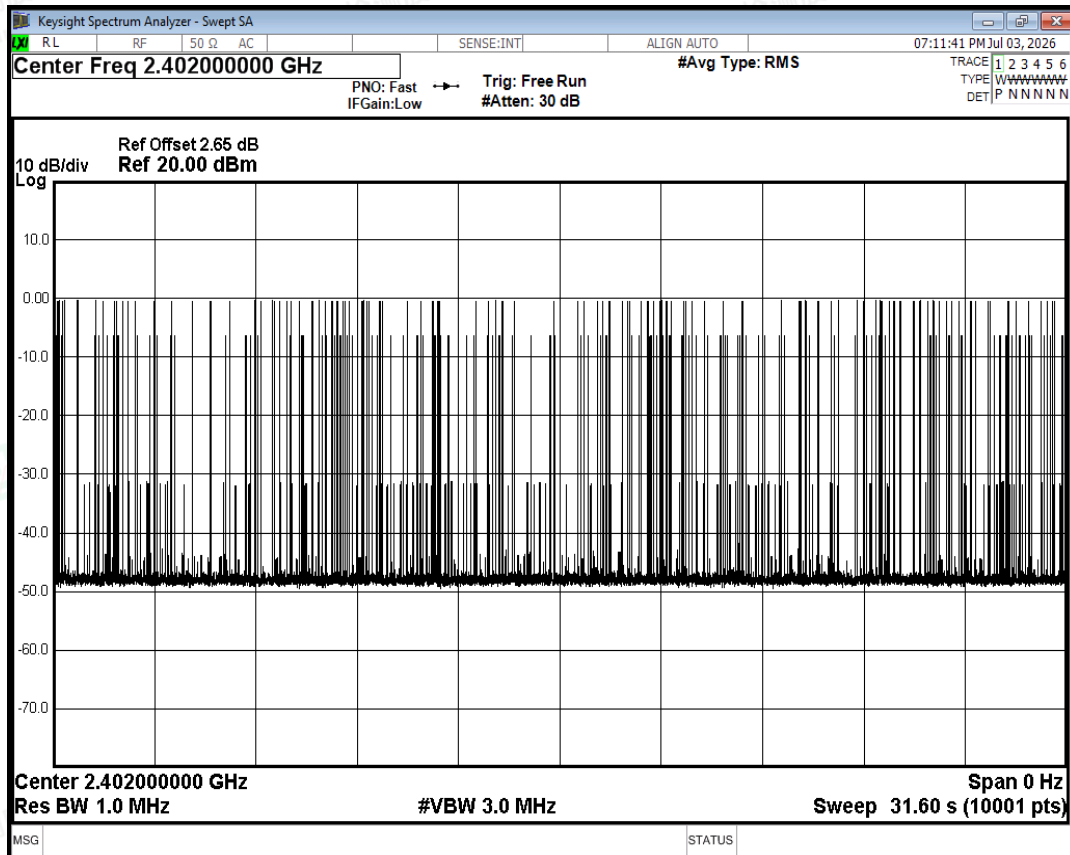
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



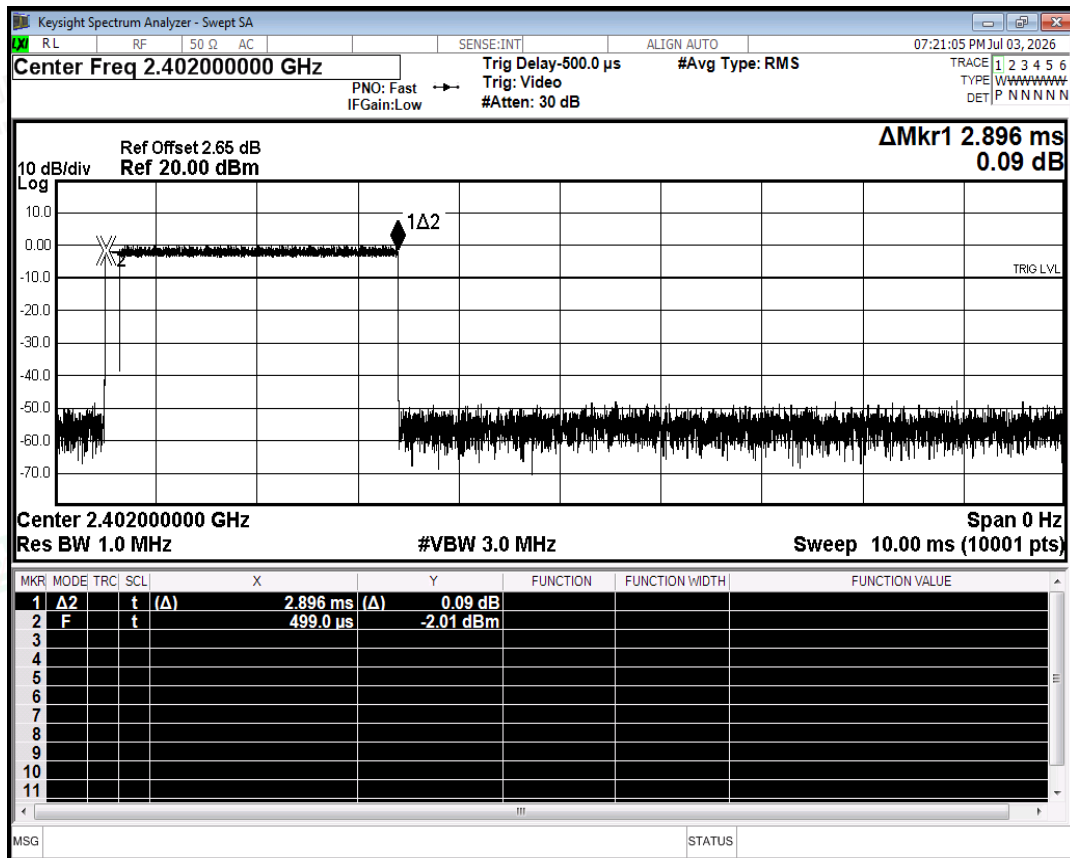
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



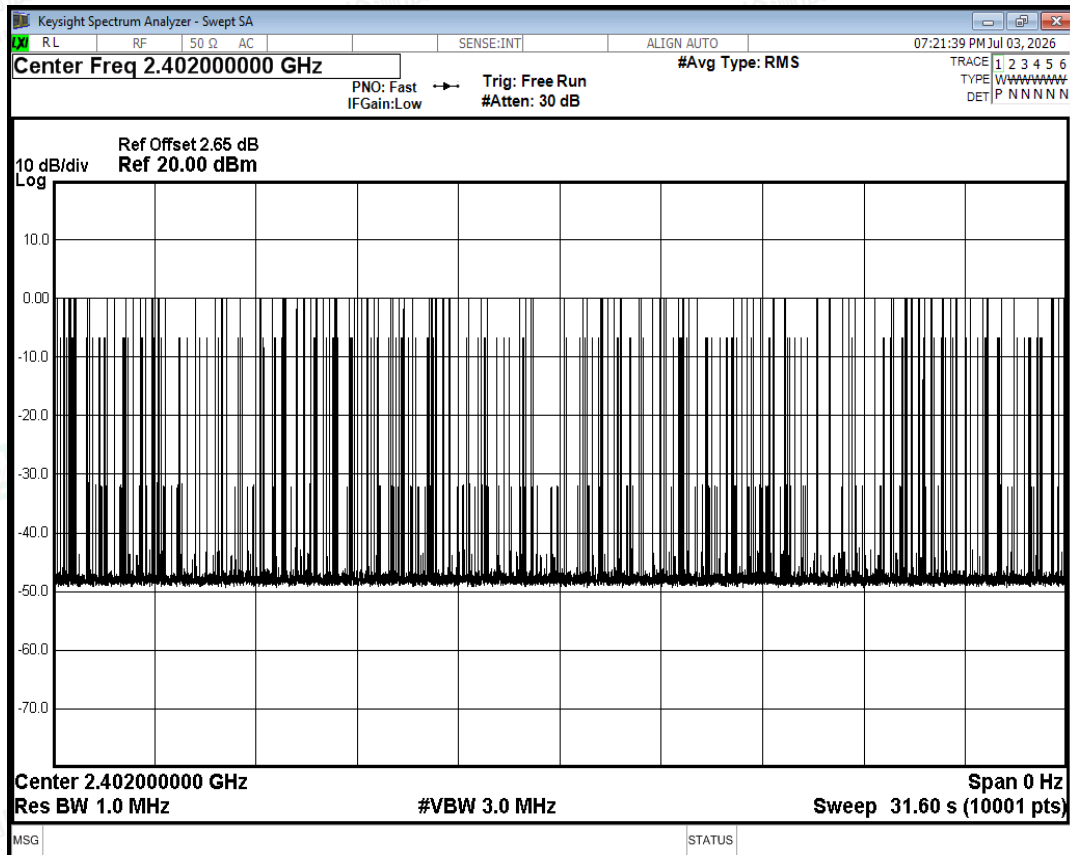
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

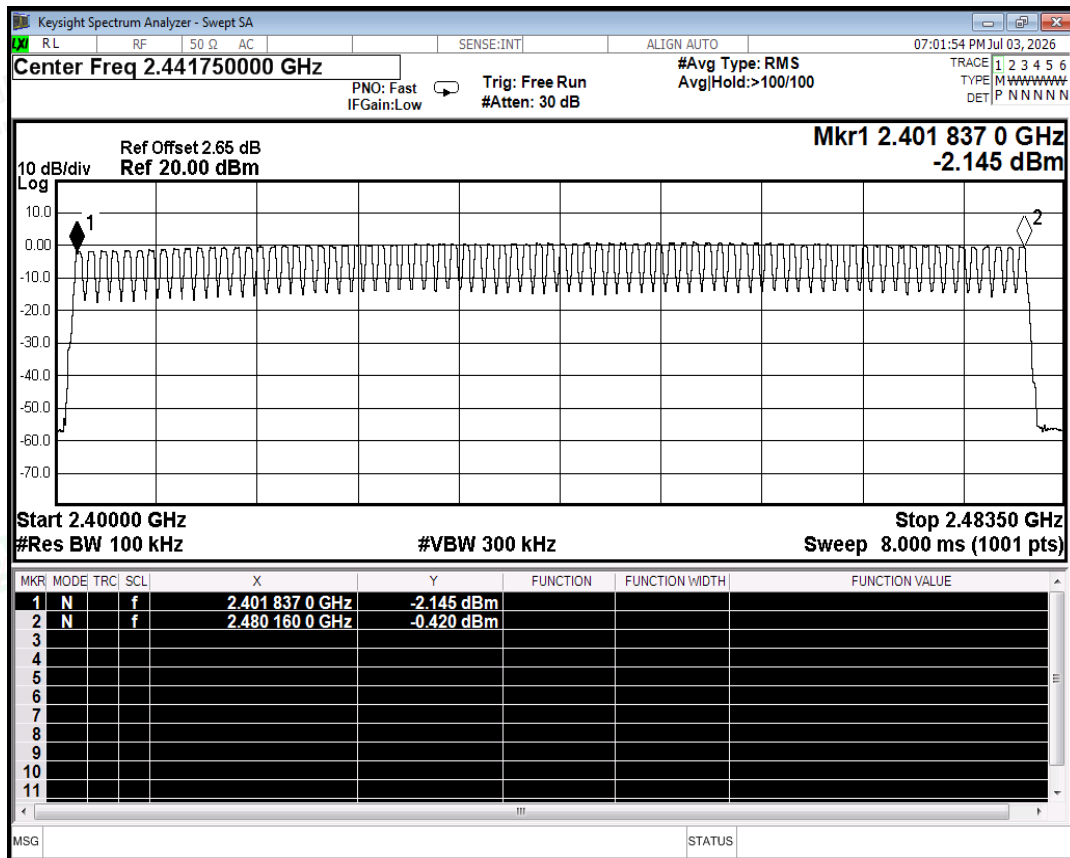


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

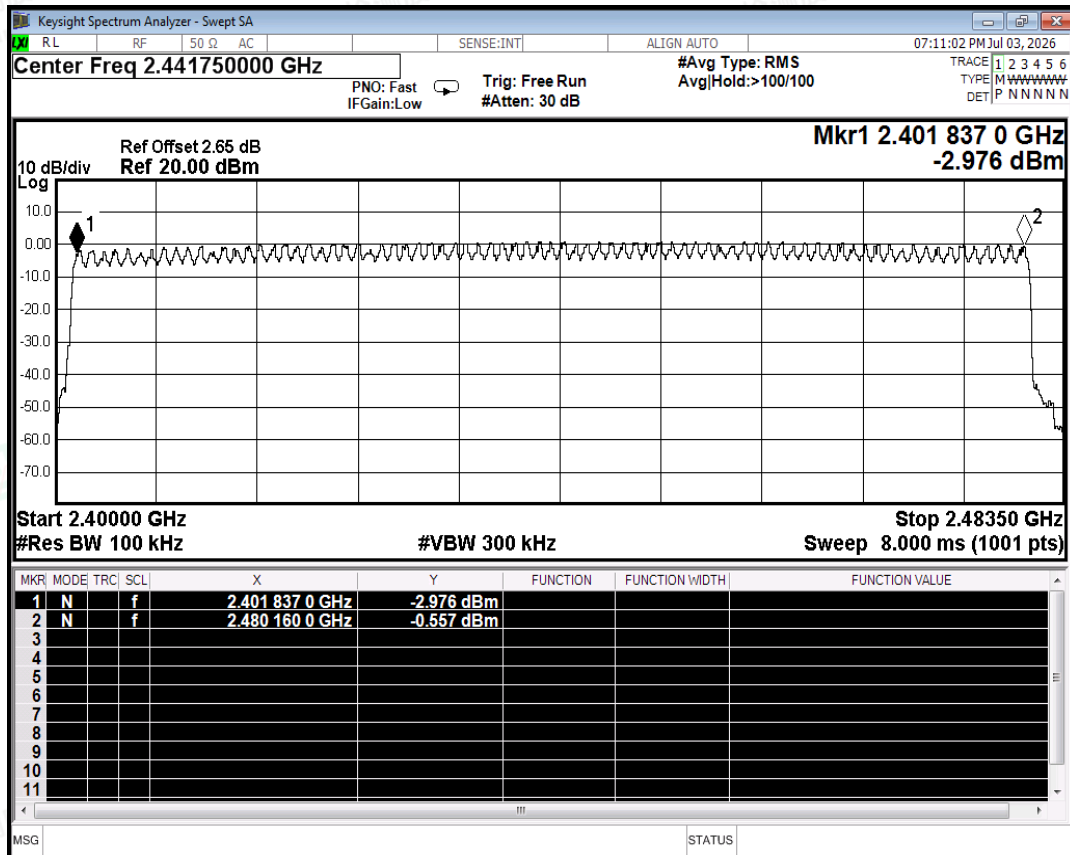


A.5 Number of Hopping Channel

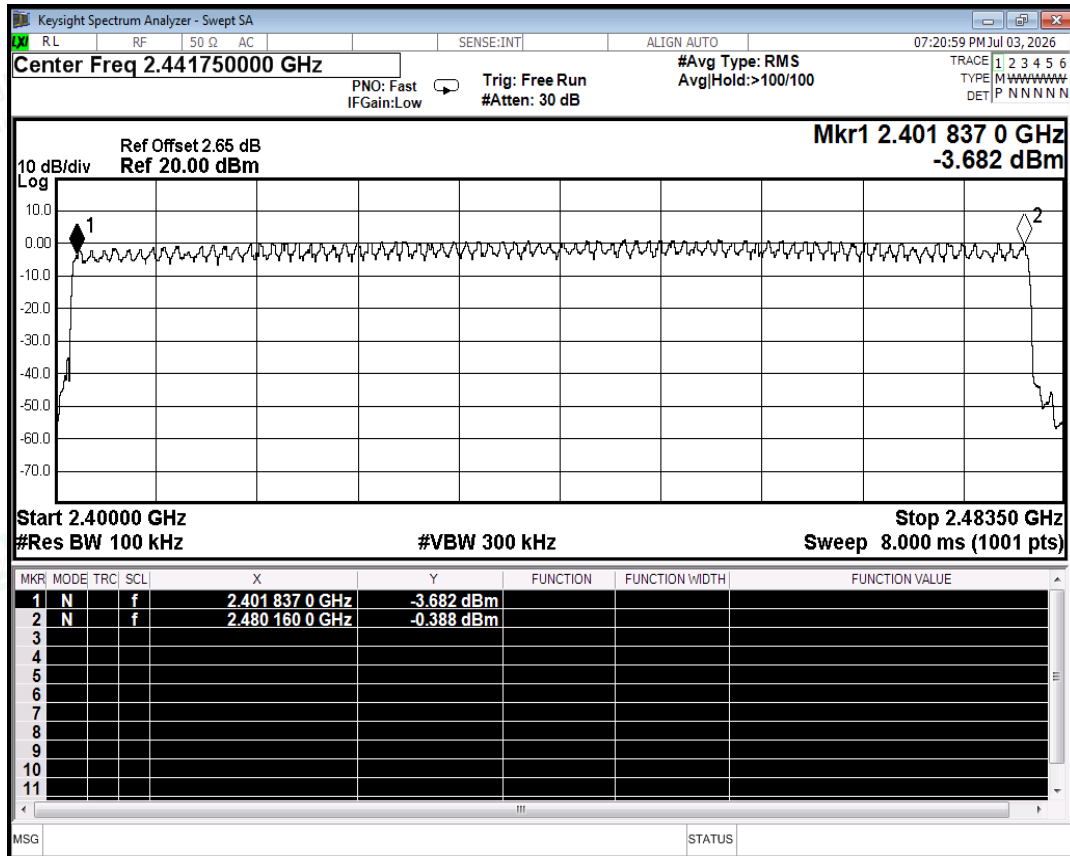
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1

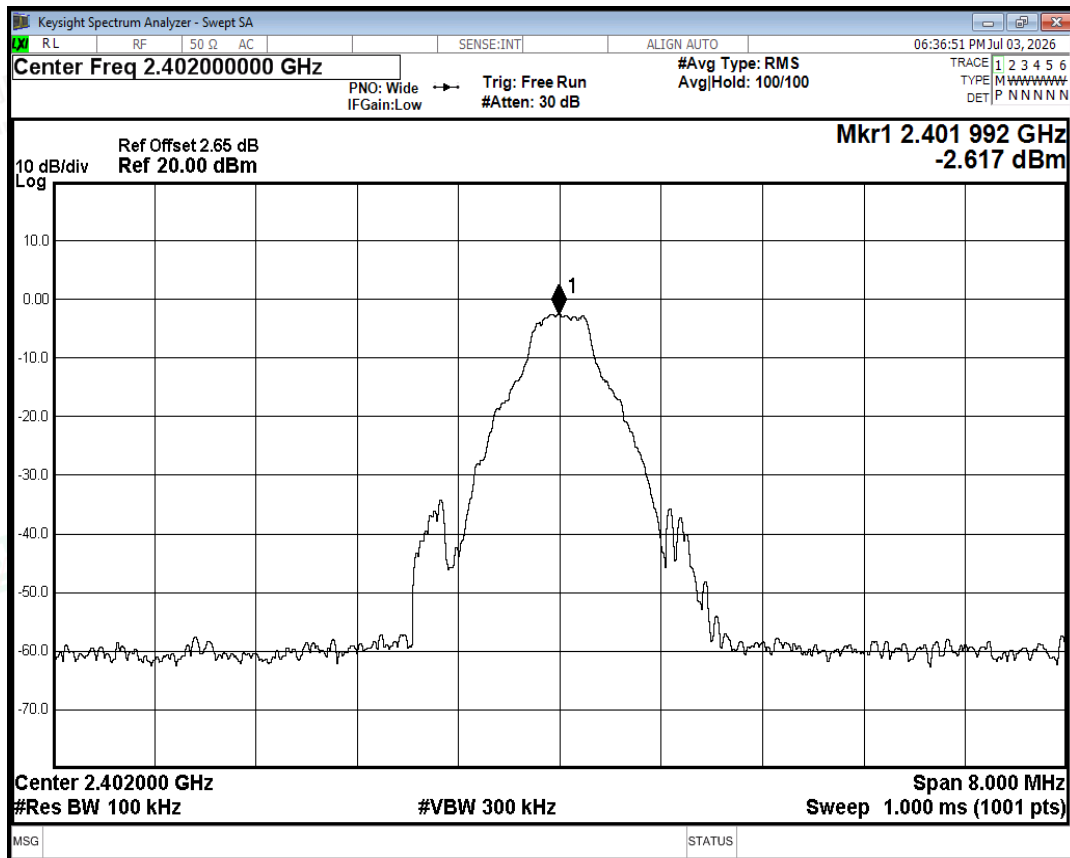


Hopping No. NVNT 3-DH5 2402MHz Ant1

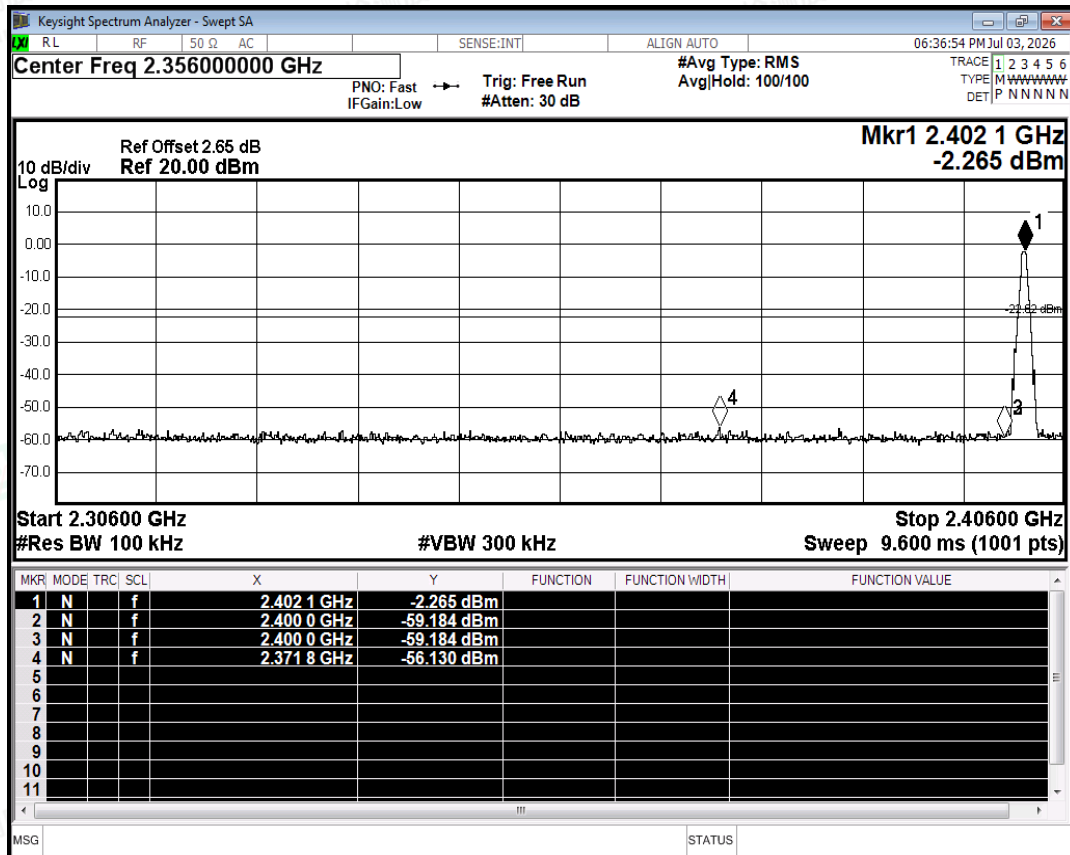


A.6 Band Edge

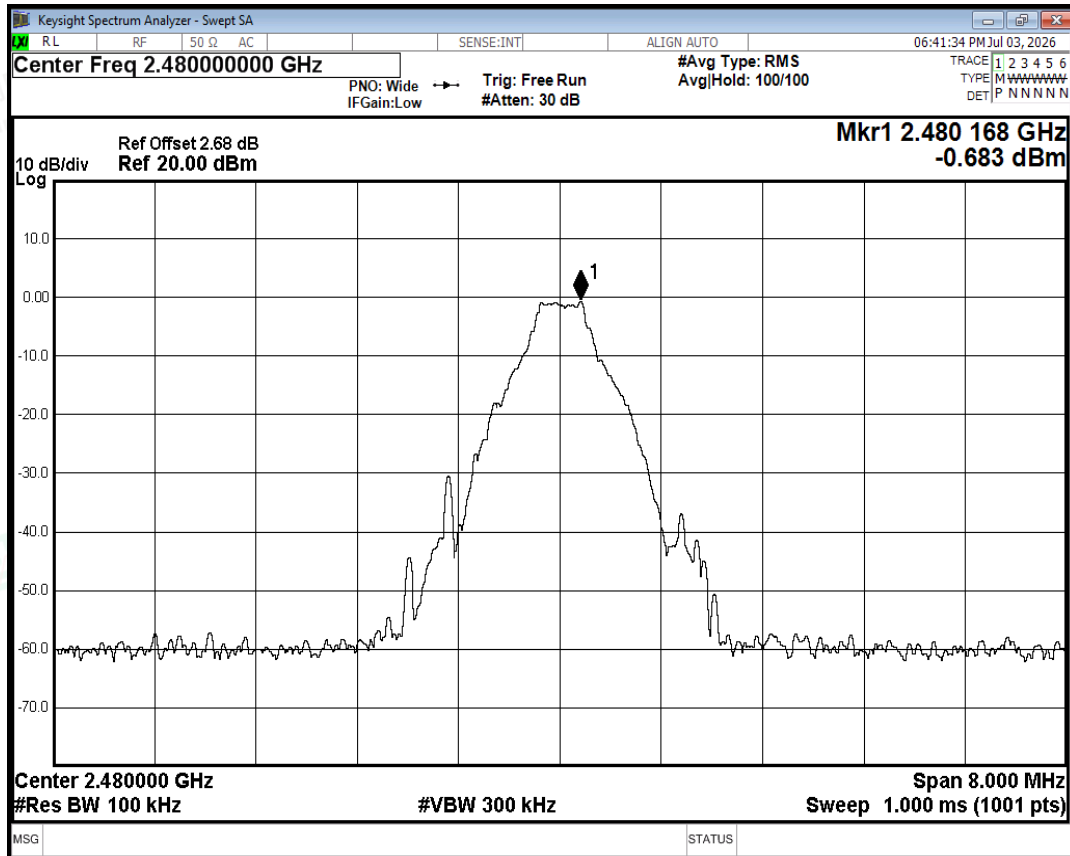
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-53.5	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.49	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.39	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-56.09	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-51.41	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.26	-20	Pass



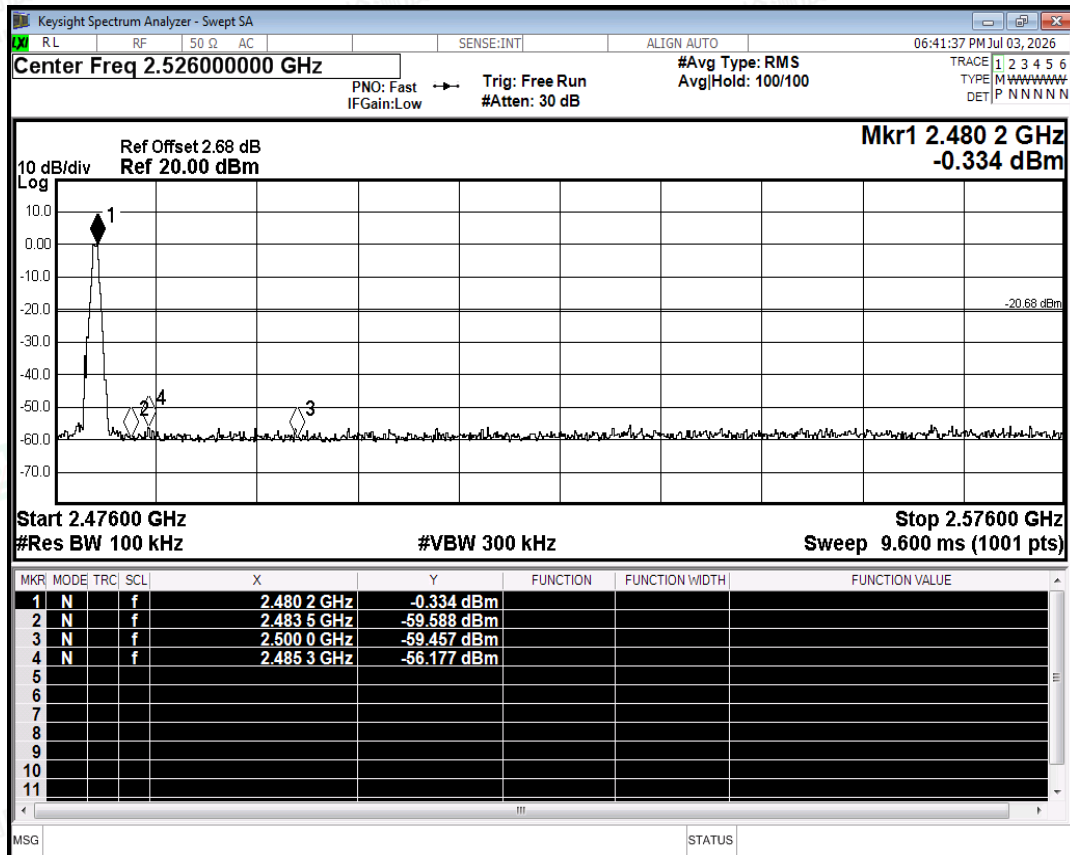
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



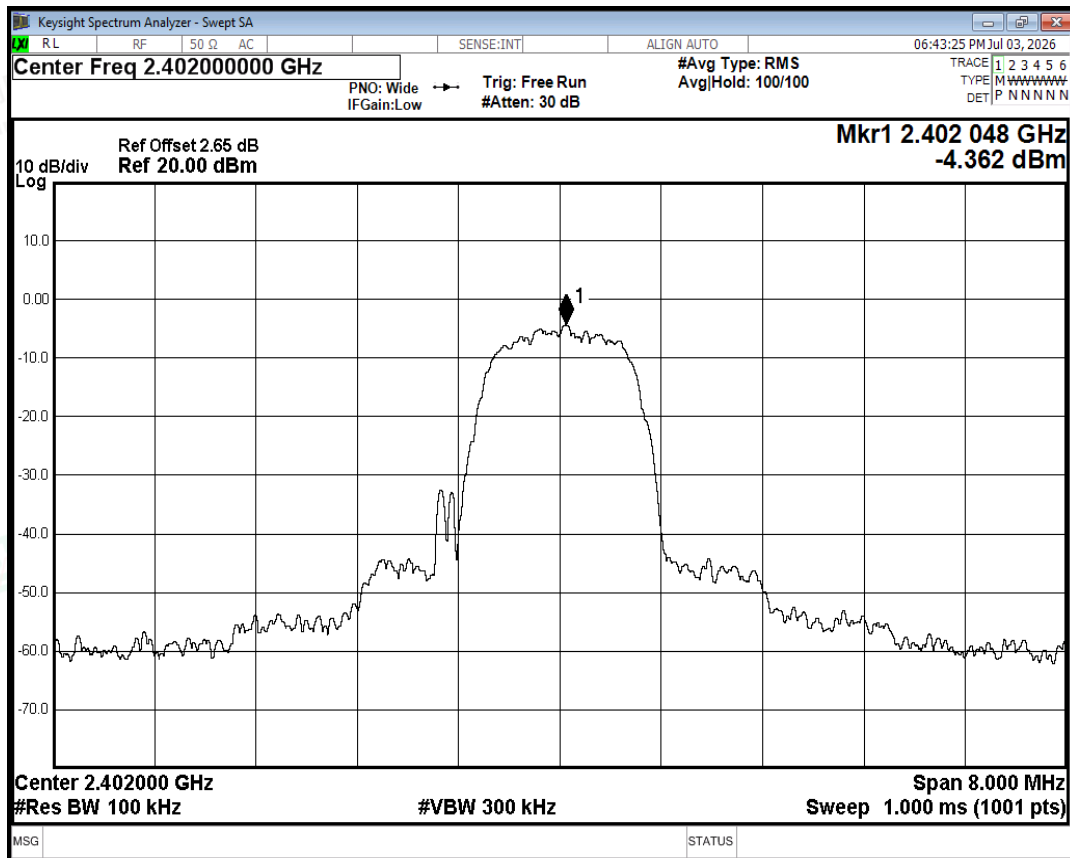
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



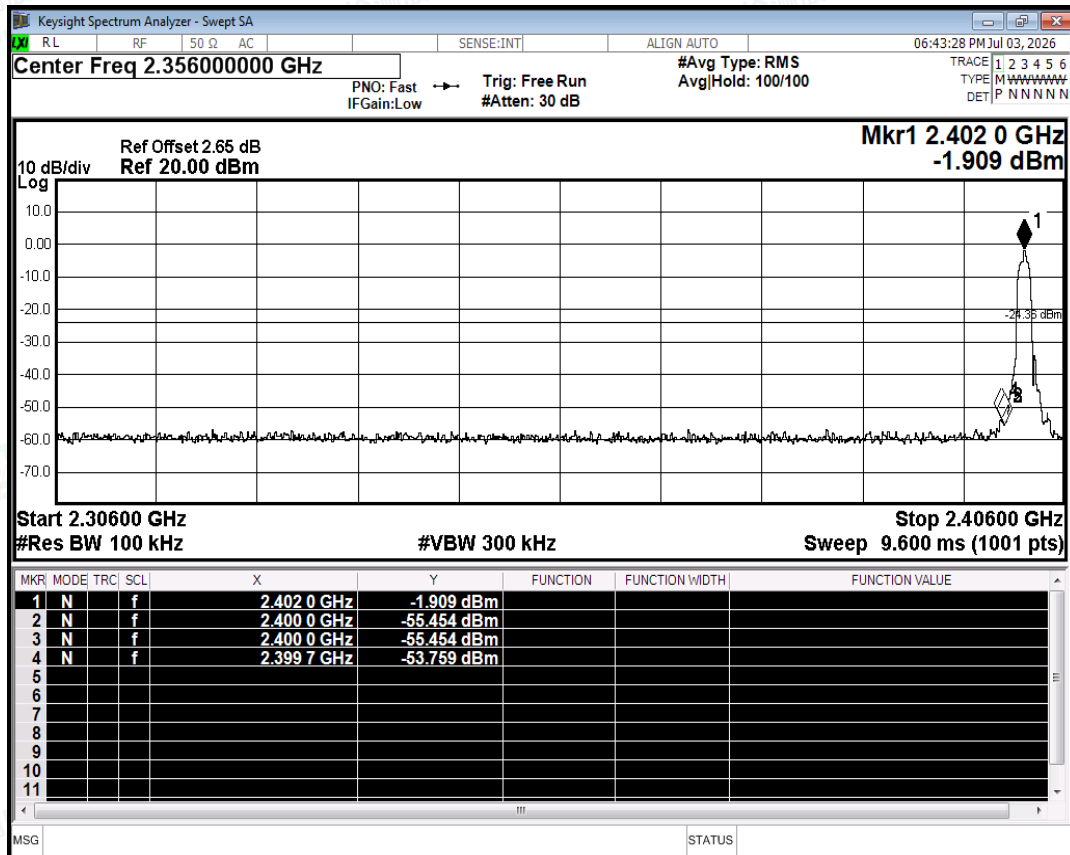
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



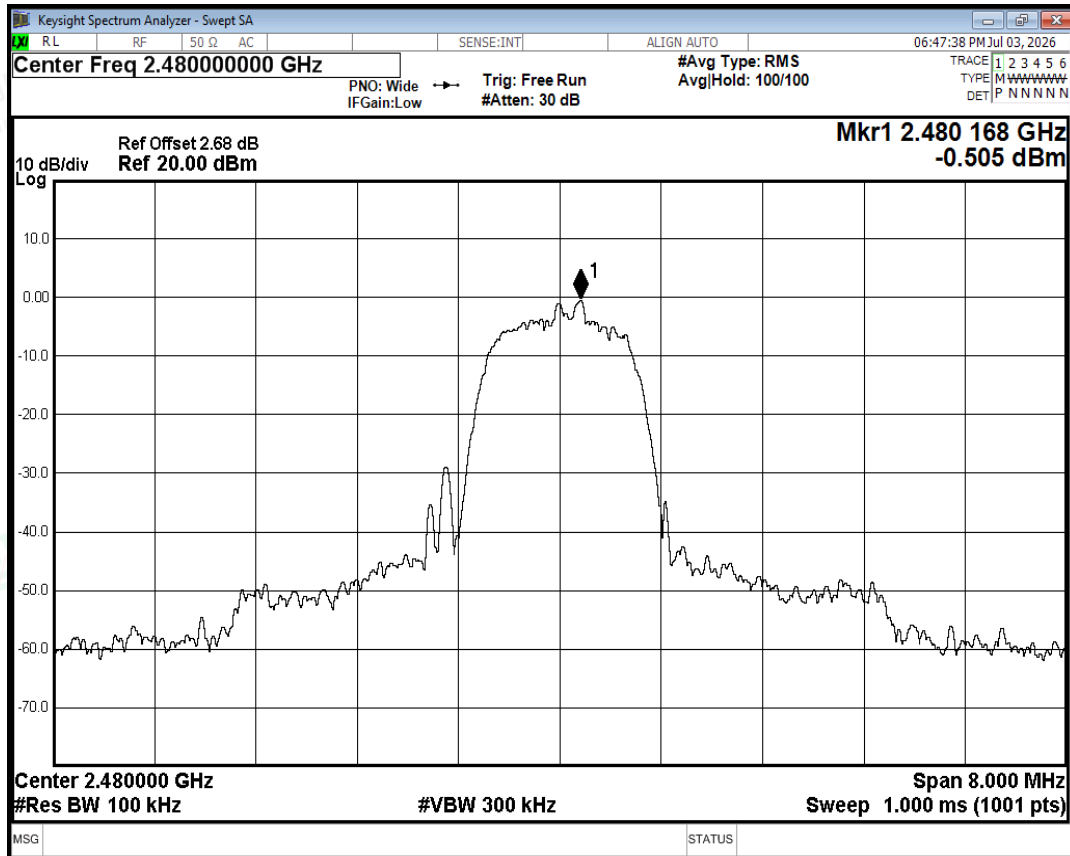
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



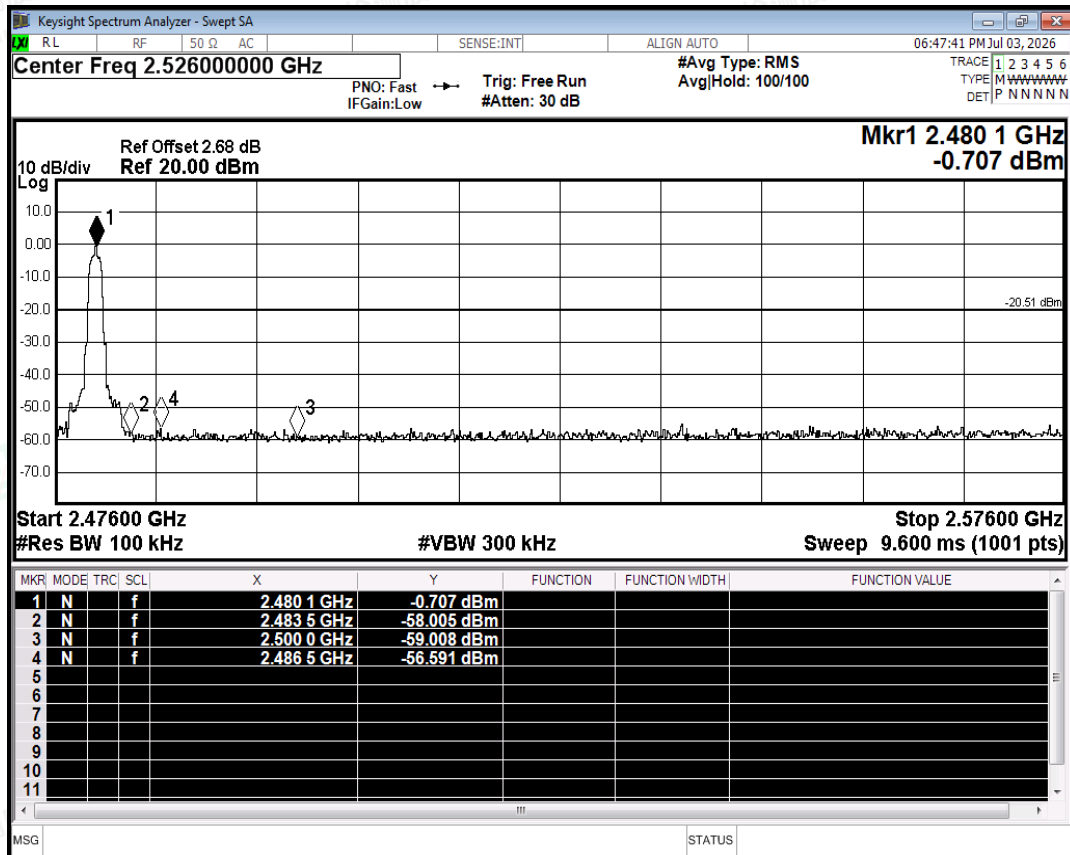
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



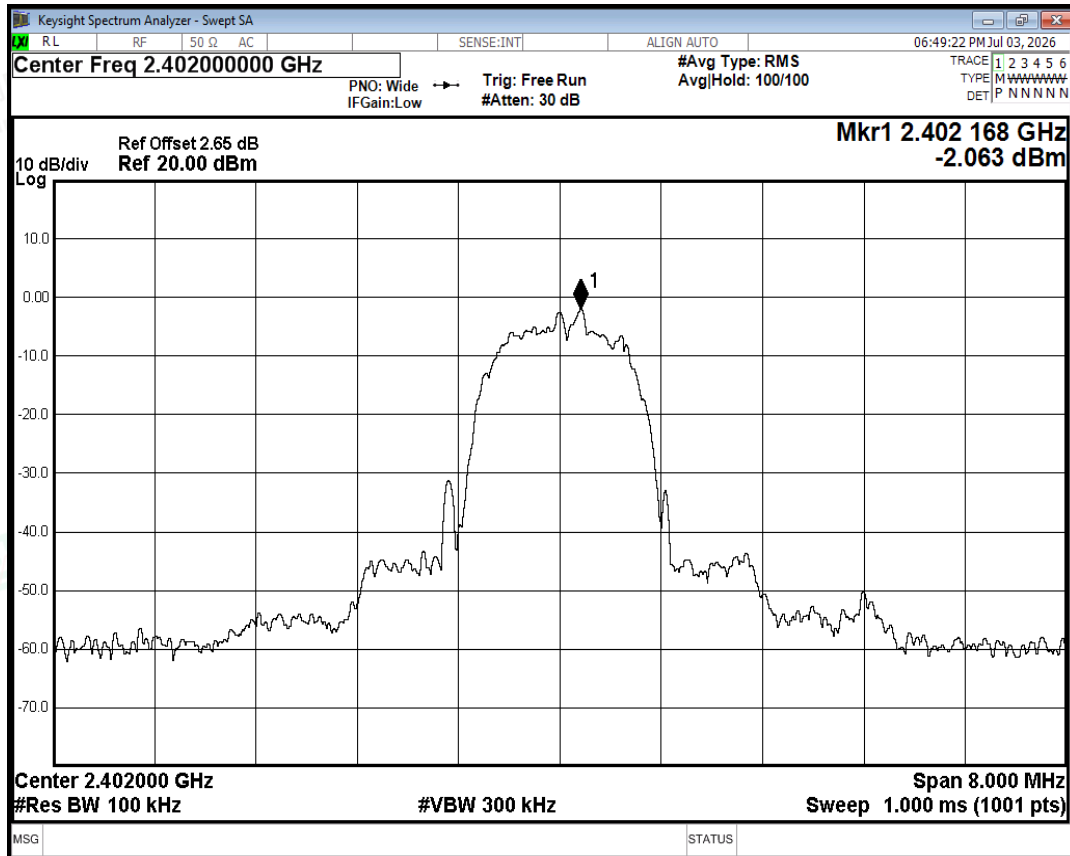
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



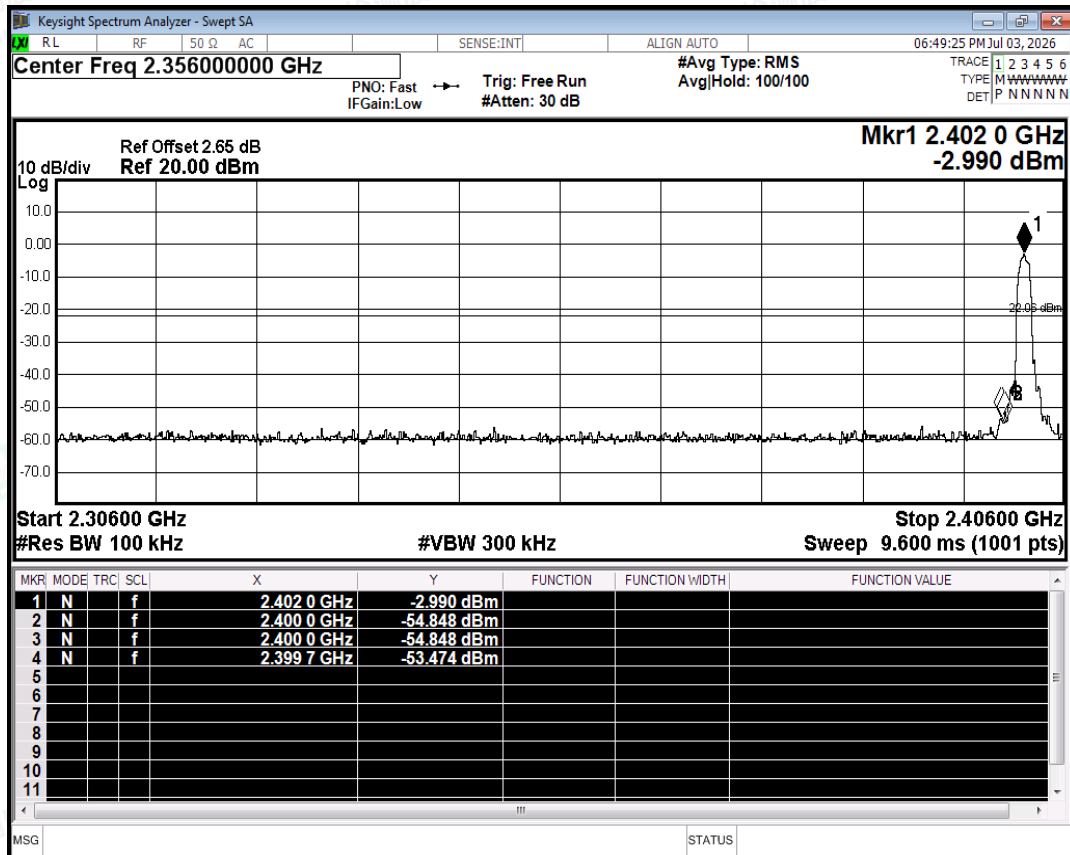
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



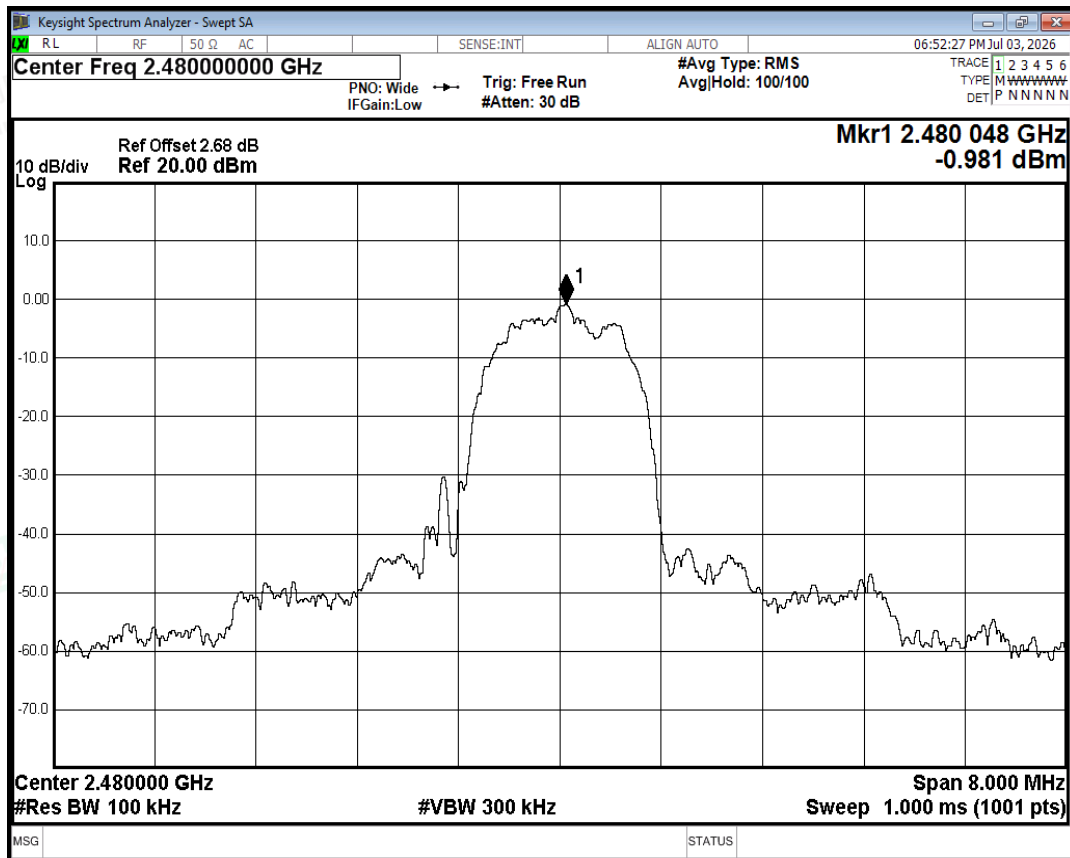
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



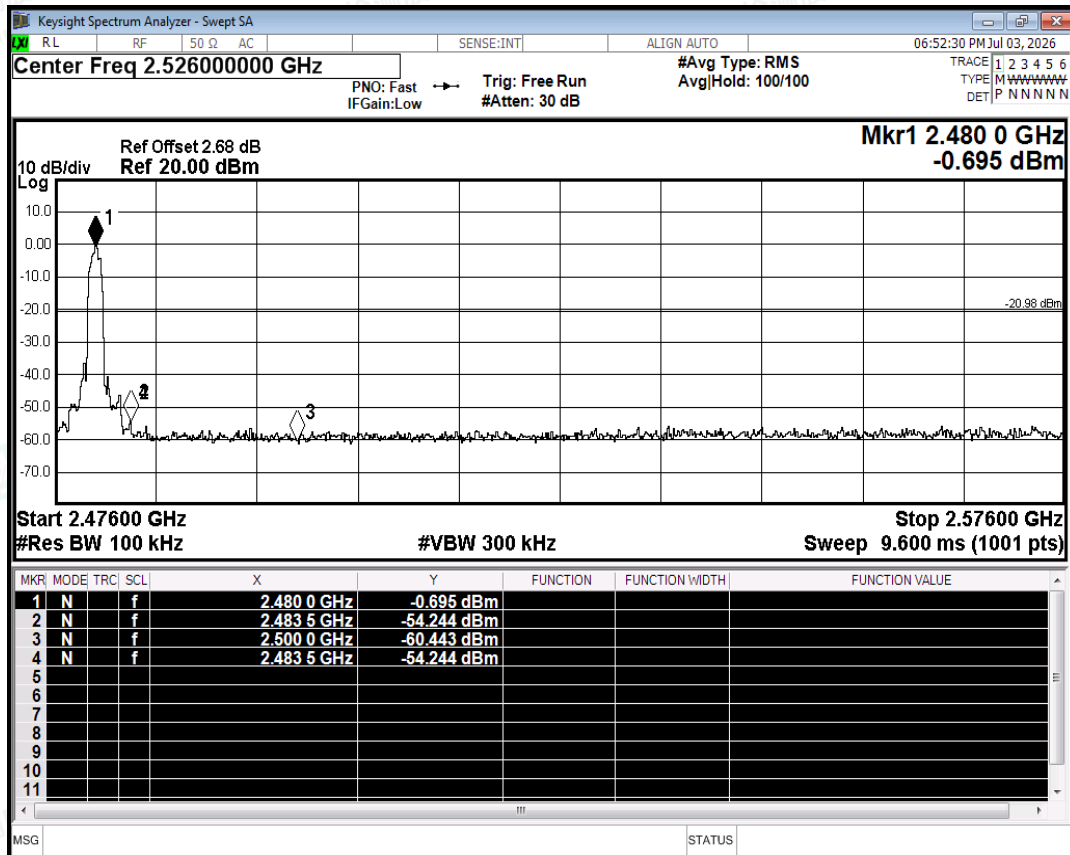
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

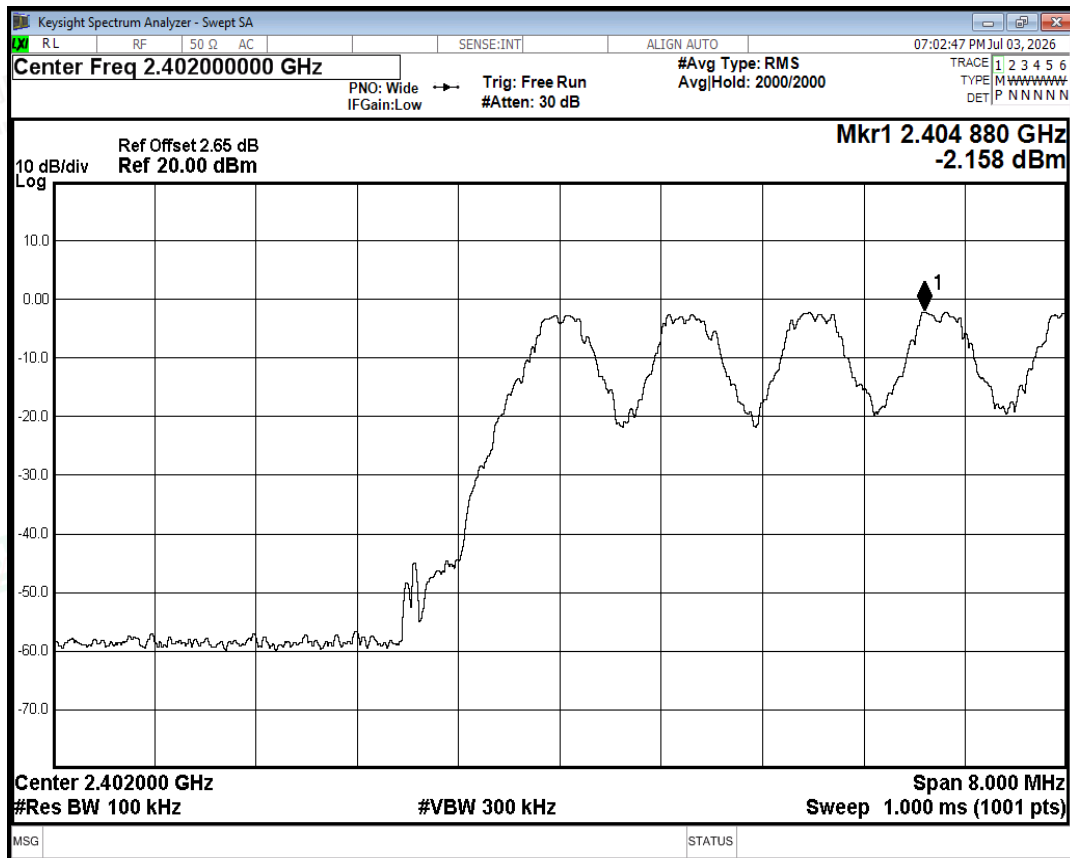


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

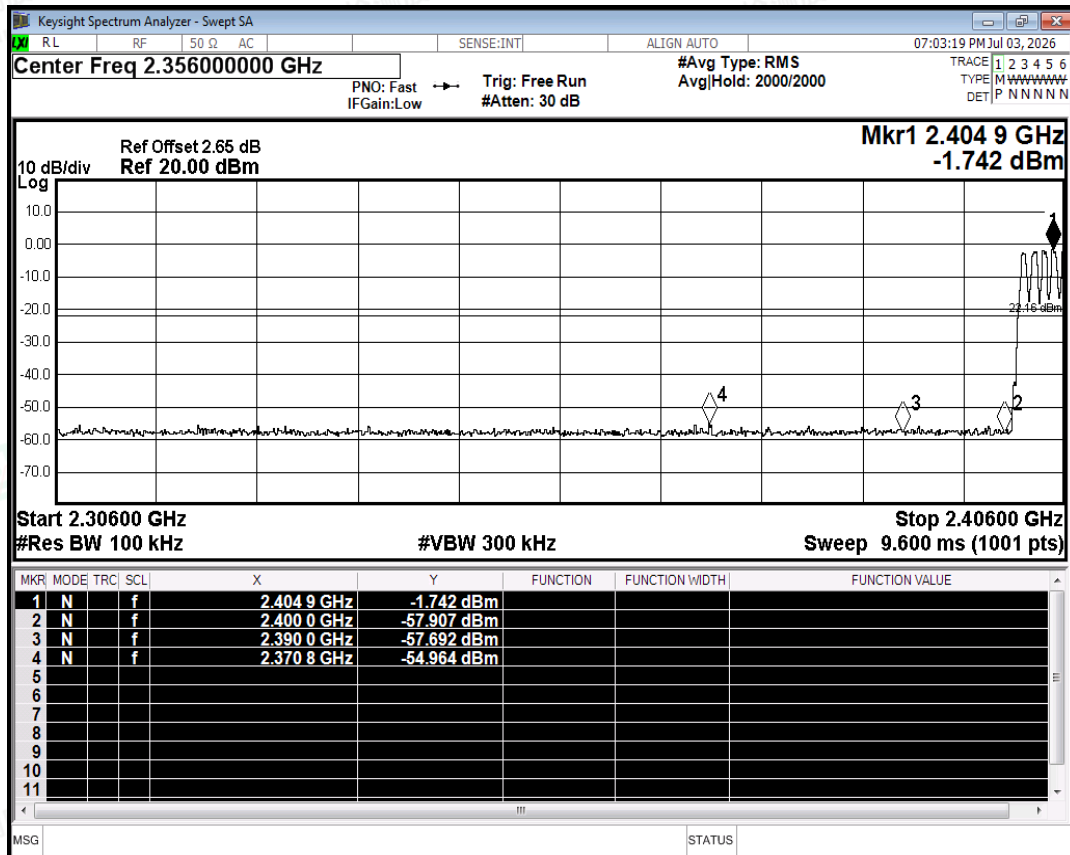


(Hopping)

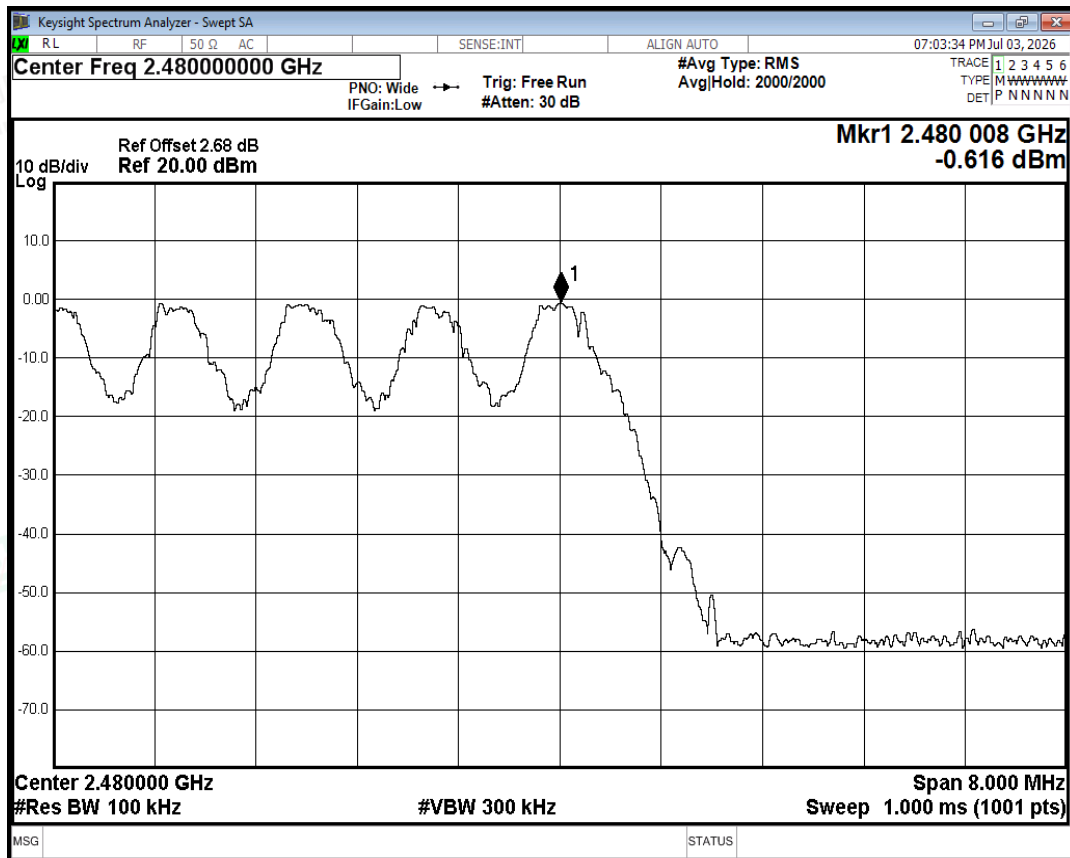
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-52.8	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-52.65	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.28	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-53.92	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.99	-20	Pass



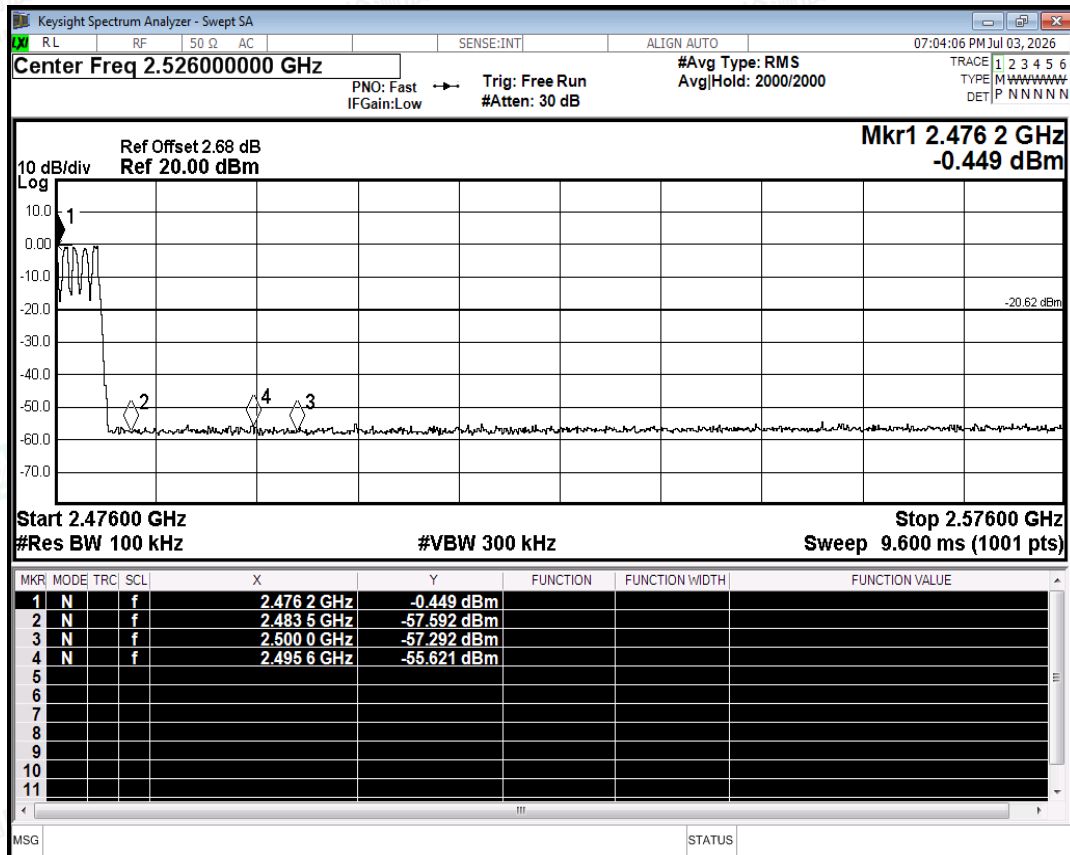
Band Edge (Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



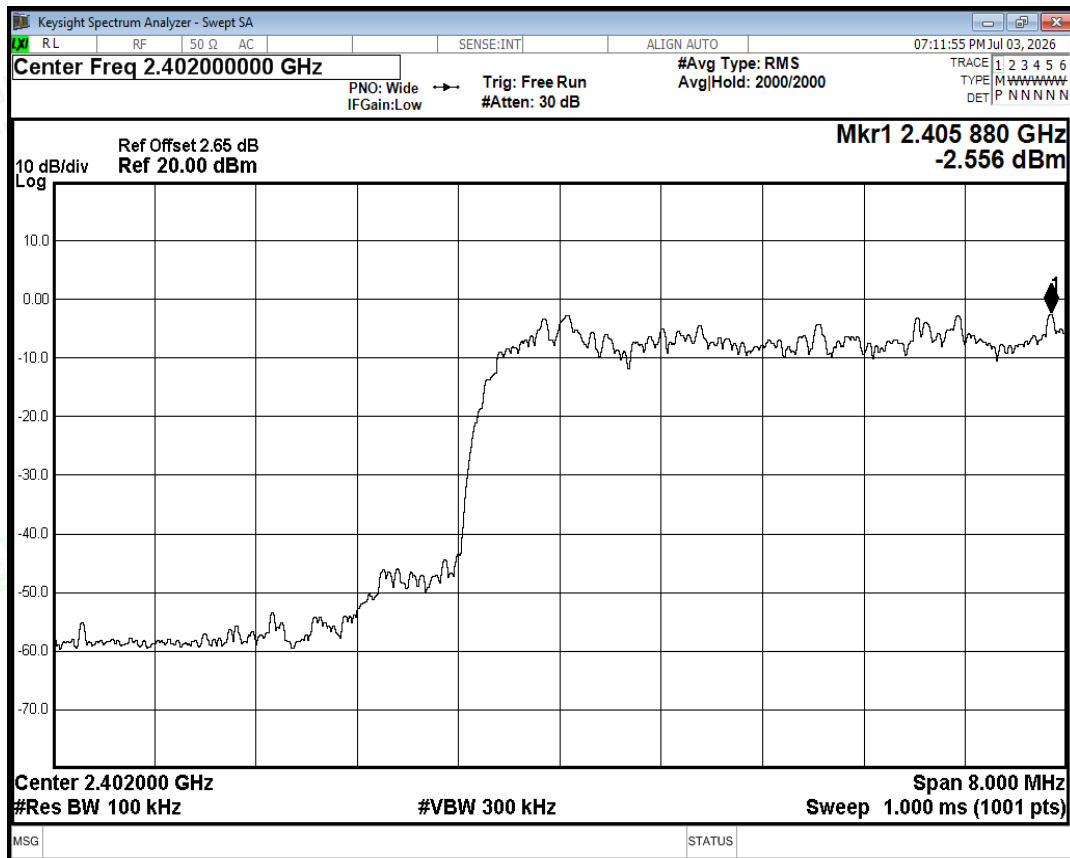
Band Edge (Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



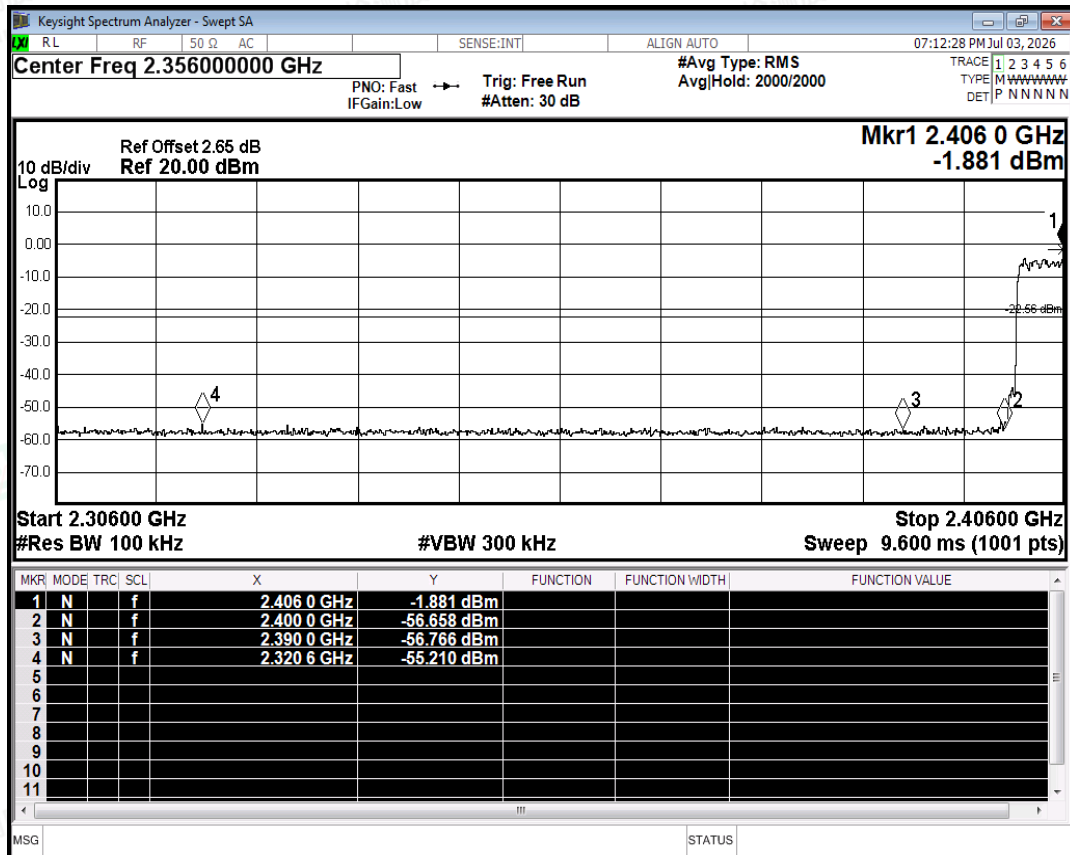
Band Edge (Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



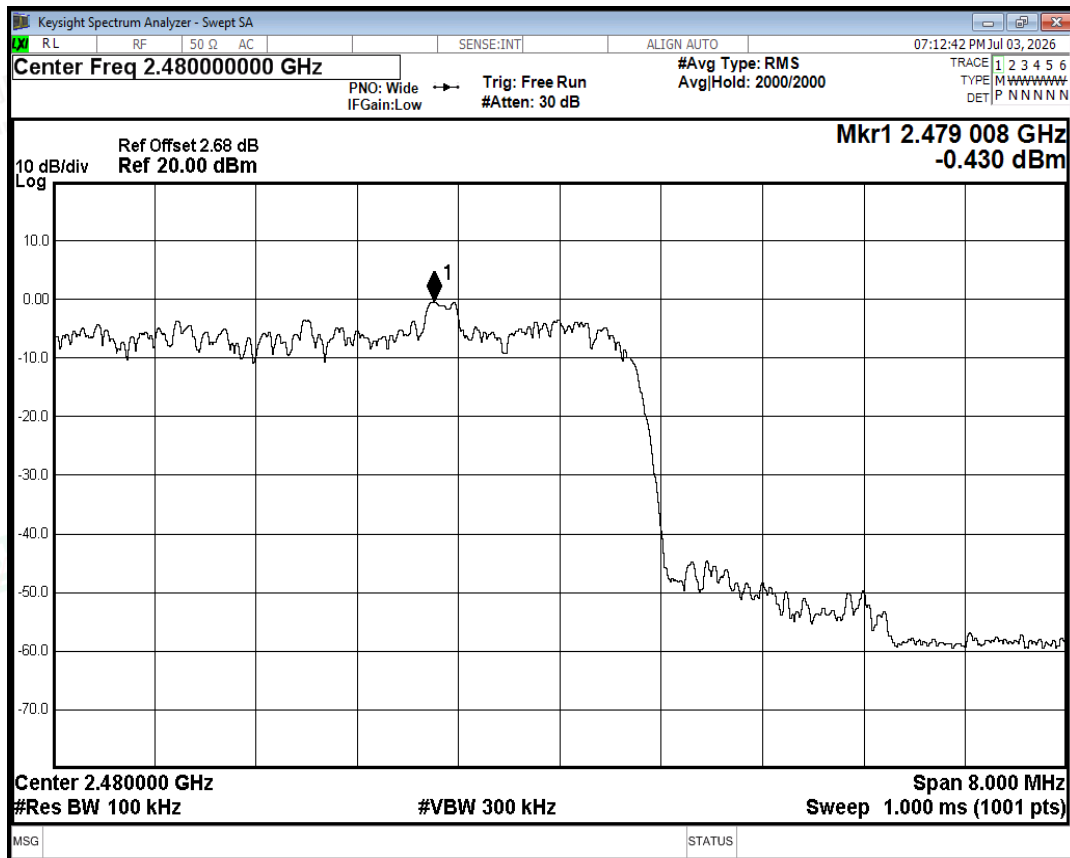
Band Edge (Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



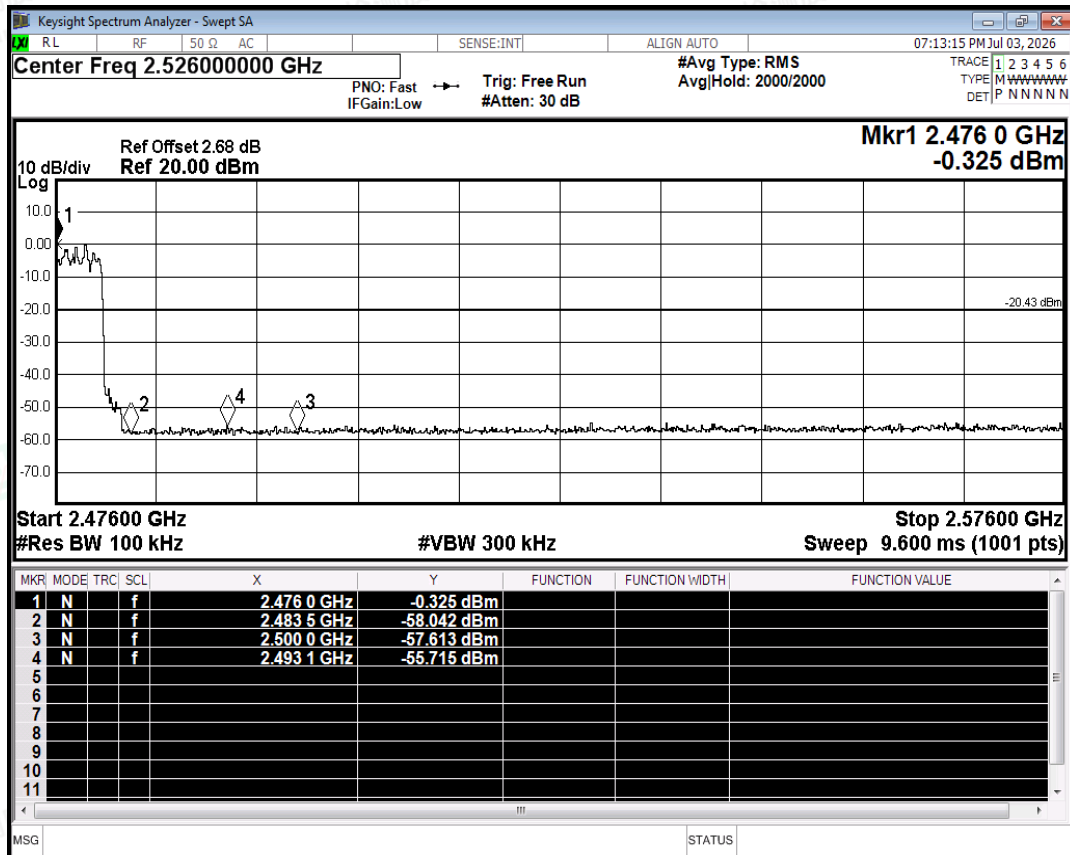
Band Edge (Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



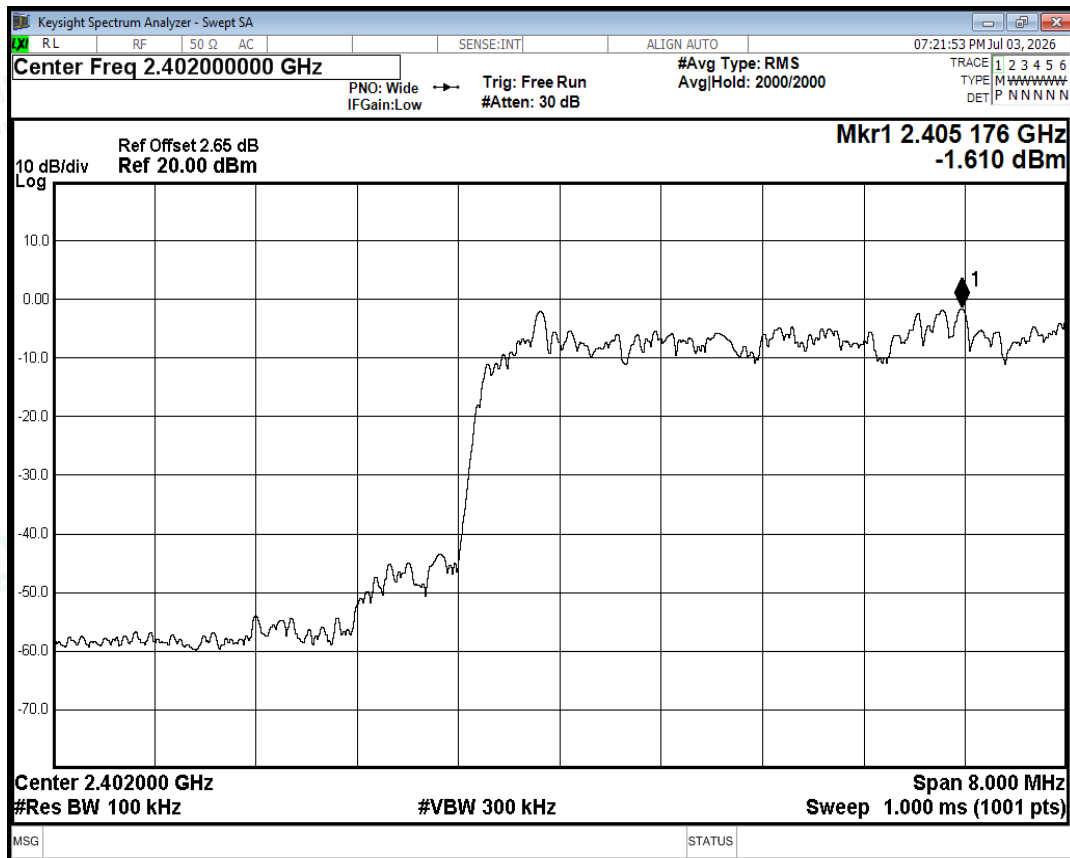
Band Edge (Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



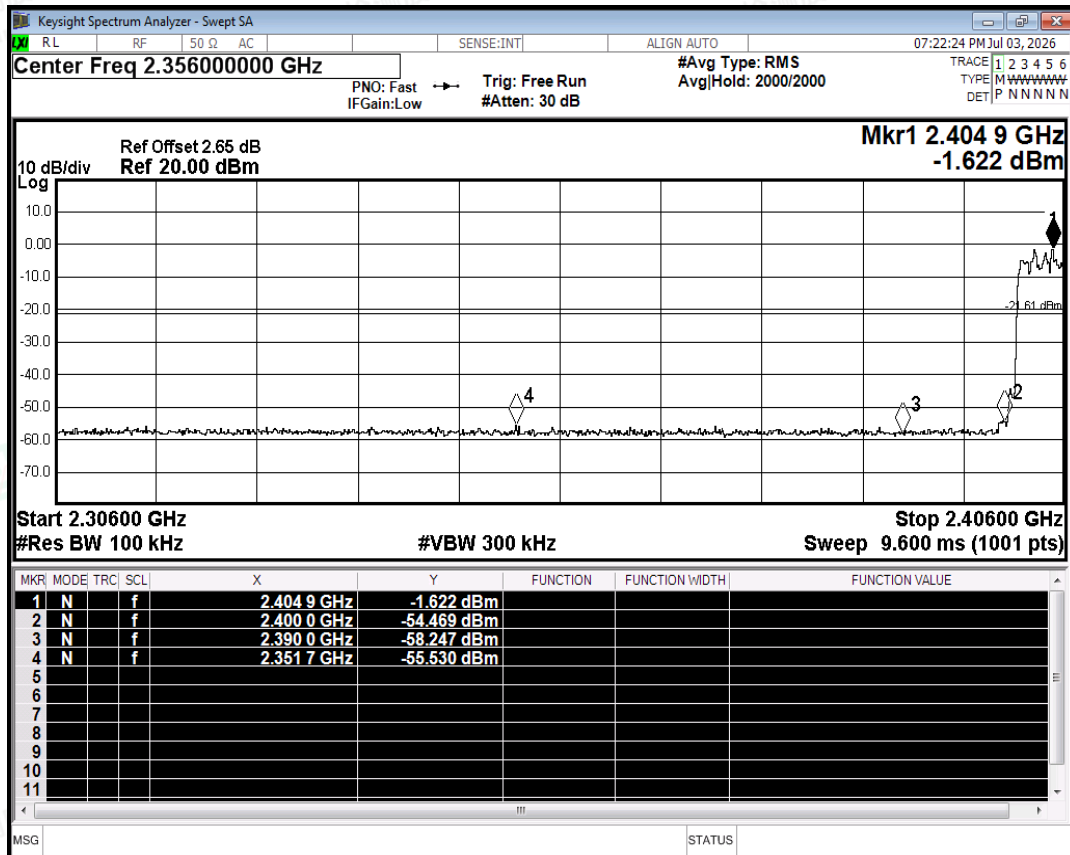
Band Edge (Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



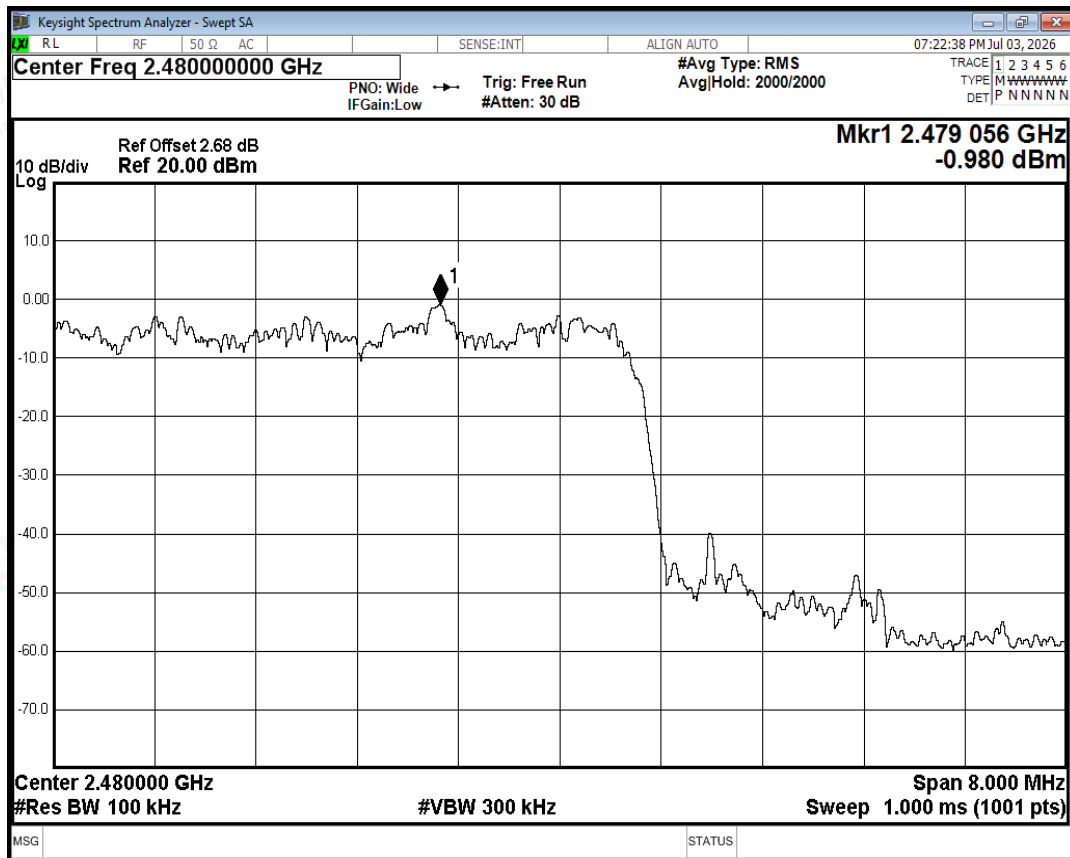
Band Edge (Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



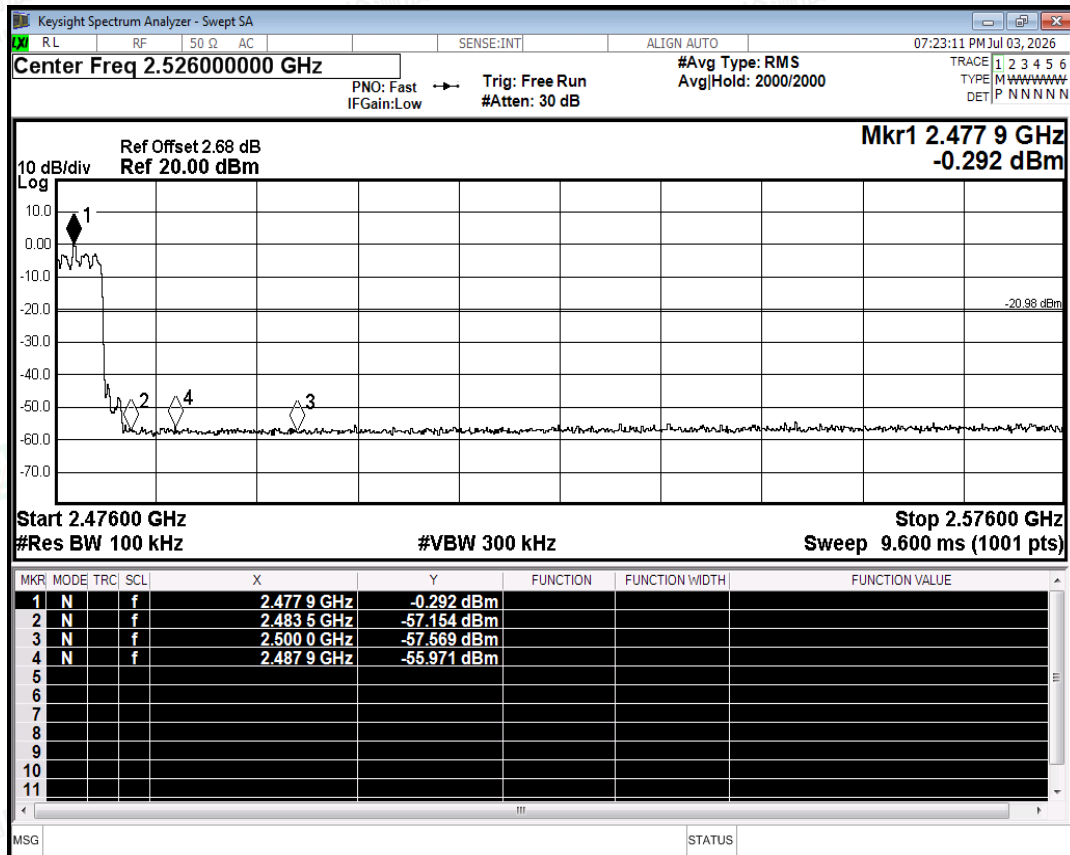
Band Edge (Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge (Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge (Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref

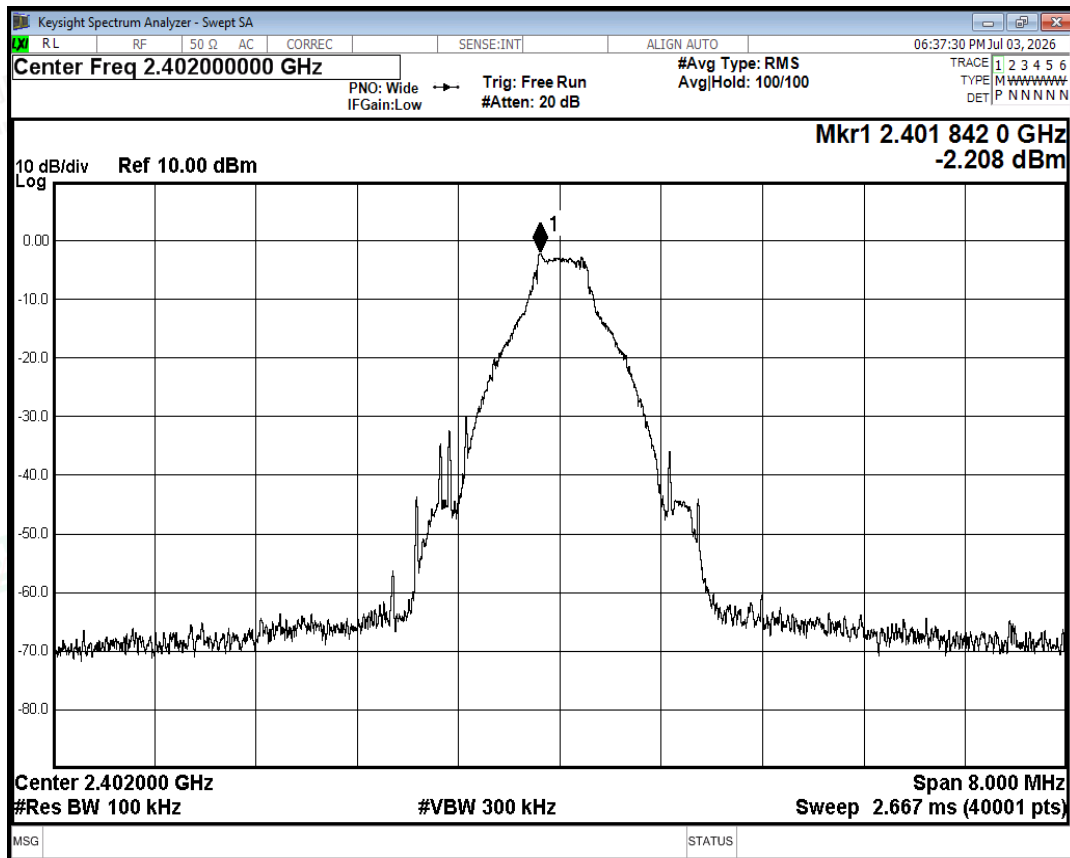


Band Edge (Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

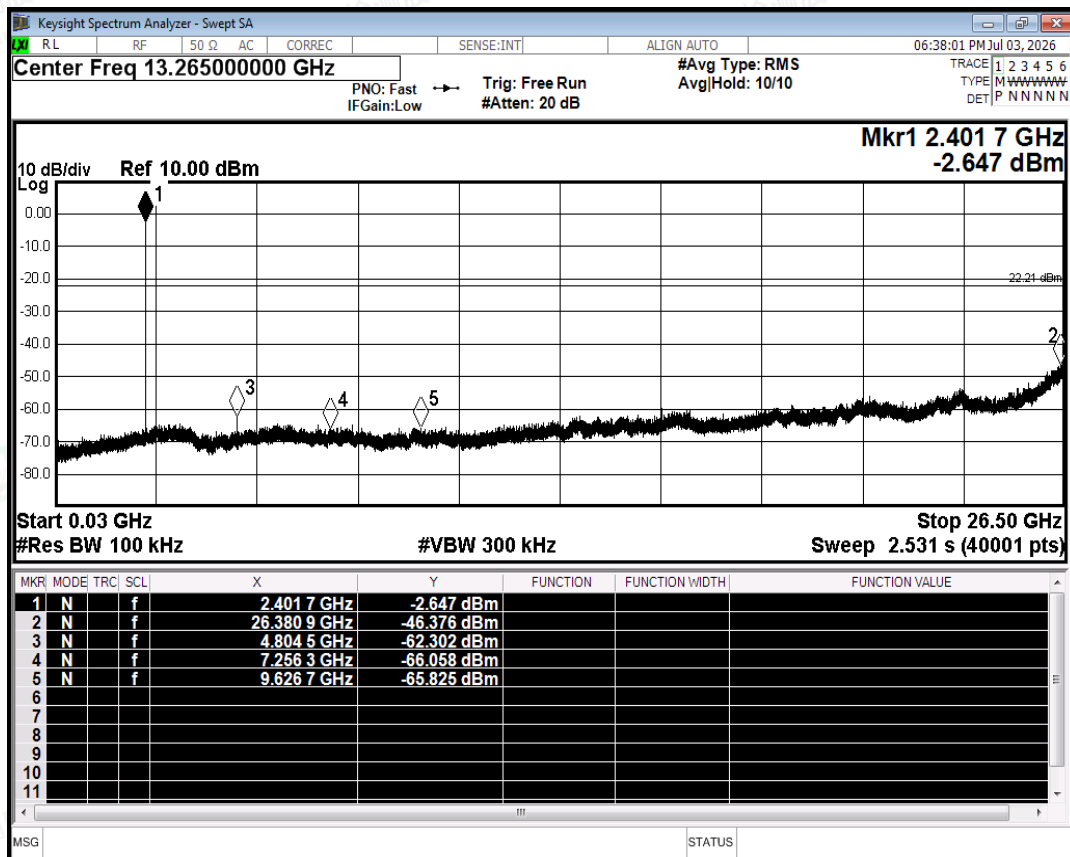


A.7 Conducted RF Spurious Emission

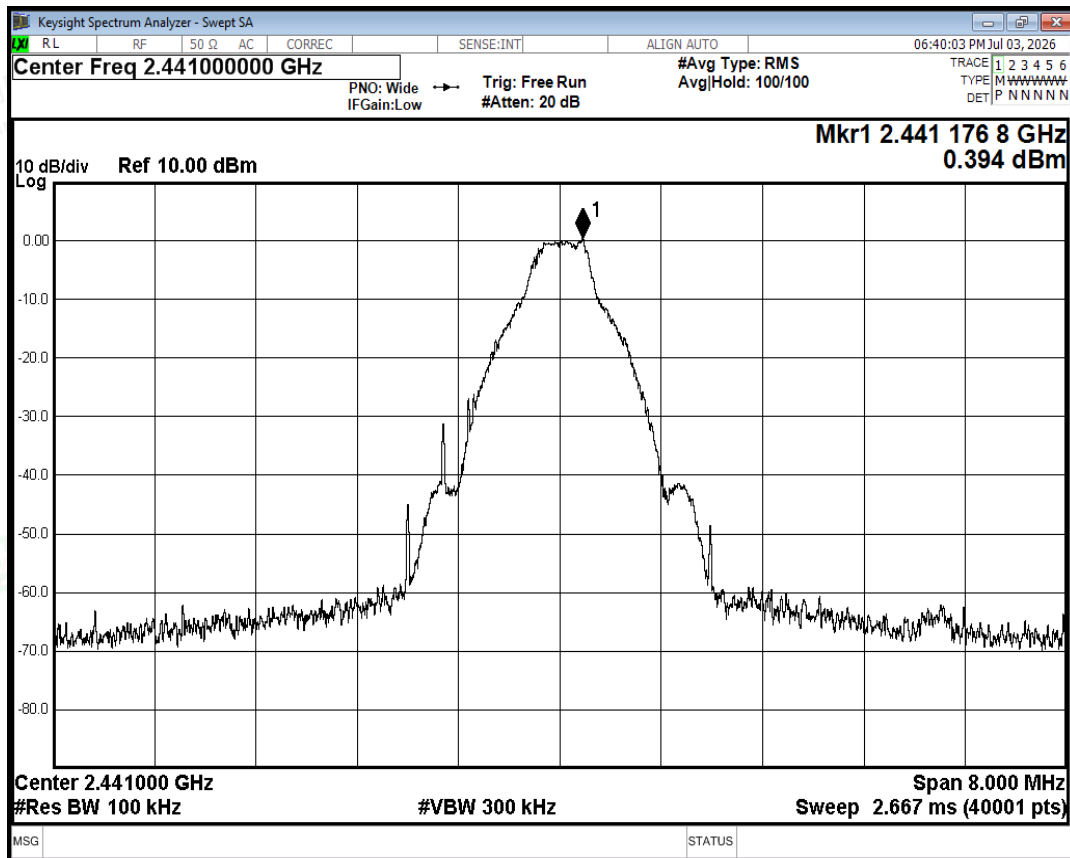
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-44.16	-20	Pass
NVNT	1-DH5	2441	Ant1	-46.95	-20	Pass
NVNT	1-DH5	2480	Ant1	-45.69	-20	Pass
NVNT	2-DH5	2402	Ant1	-44.77	-20	Pass
NVNT	2-DH5	2441	Ant1	-46.52	-20	Pass
NVNT	2-DH5	2480	Ant1	-43.42	-20	Pass
NVNT	3-DH5	2402	Ant1	-43.9	-20	Pass
NVNT	3-DH5	2441	Ant1	-44.83	-20	Pass
NVNT	3-DH5	2480	Ant1	-44.99	-20	Pass



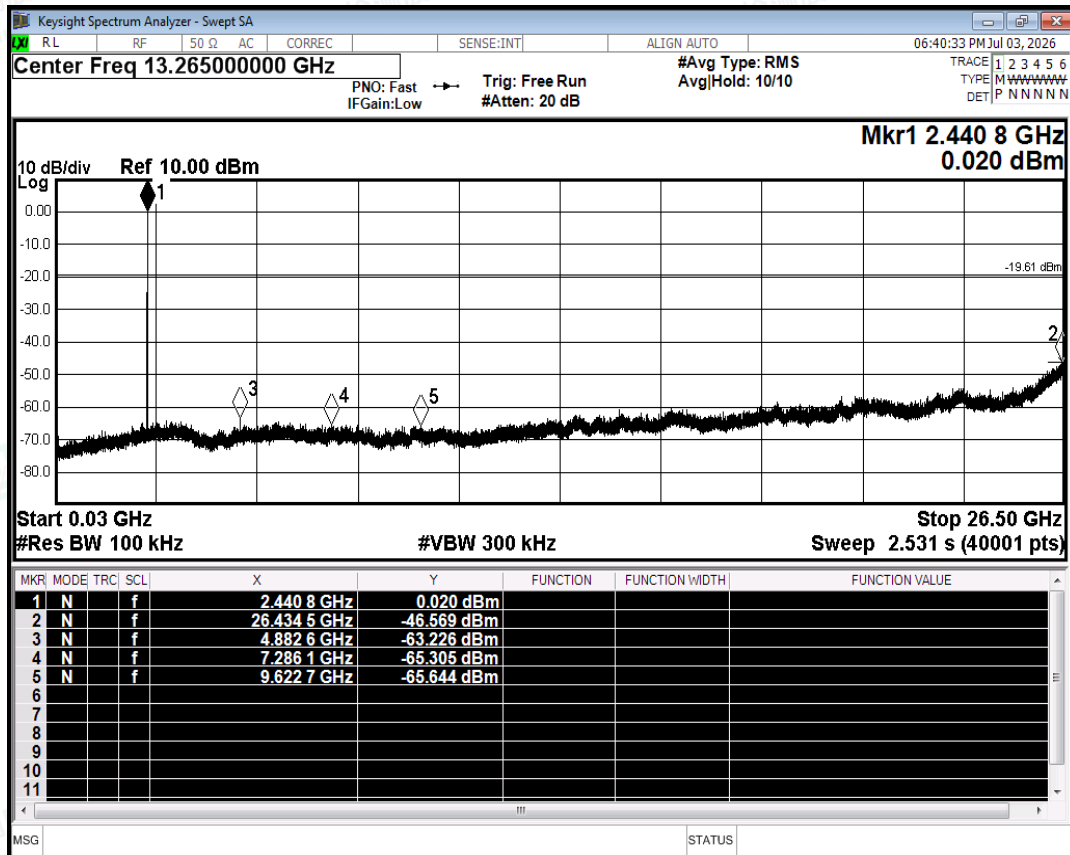
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



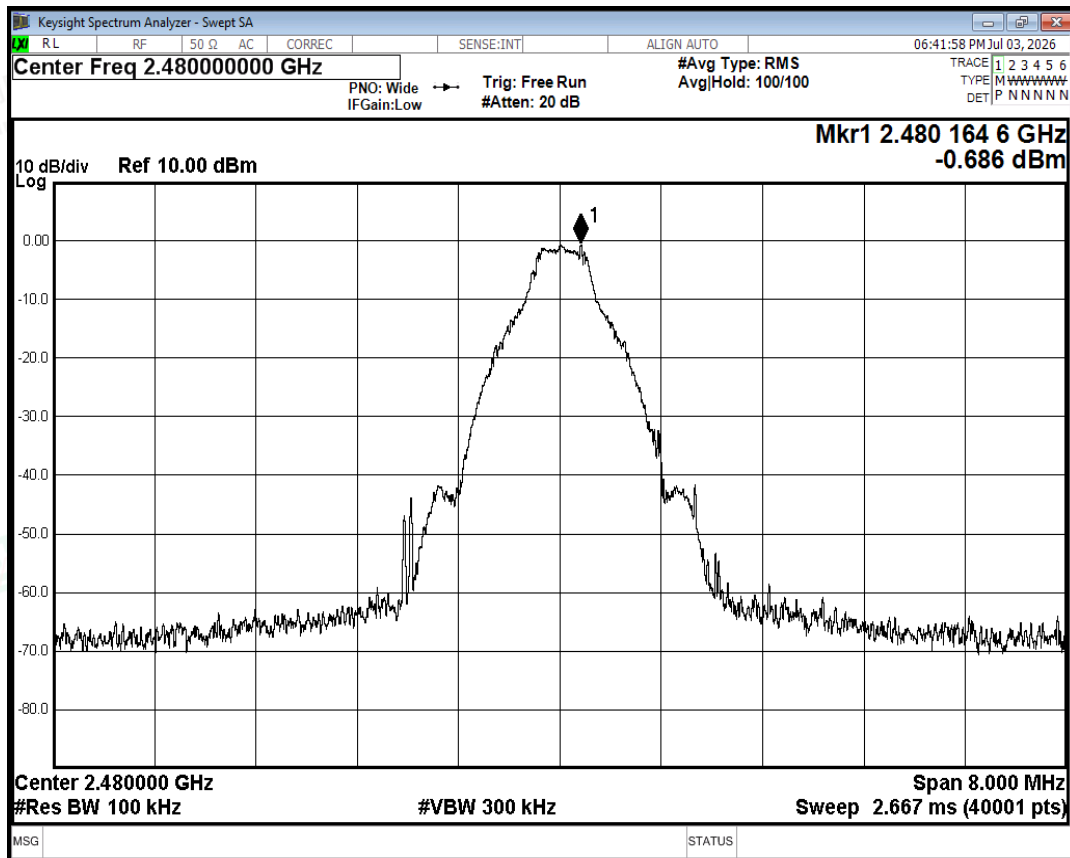
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



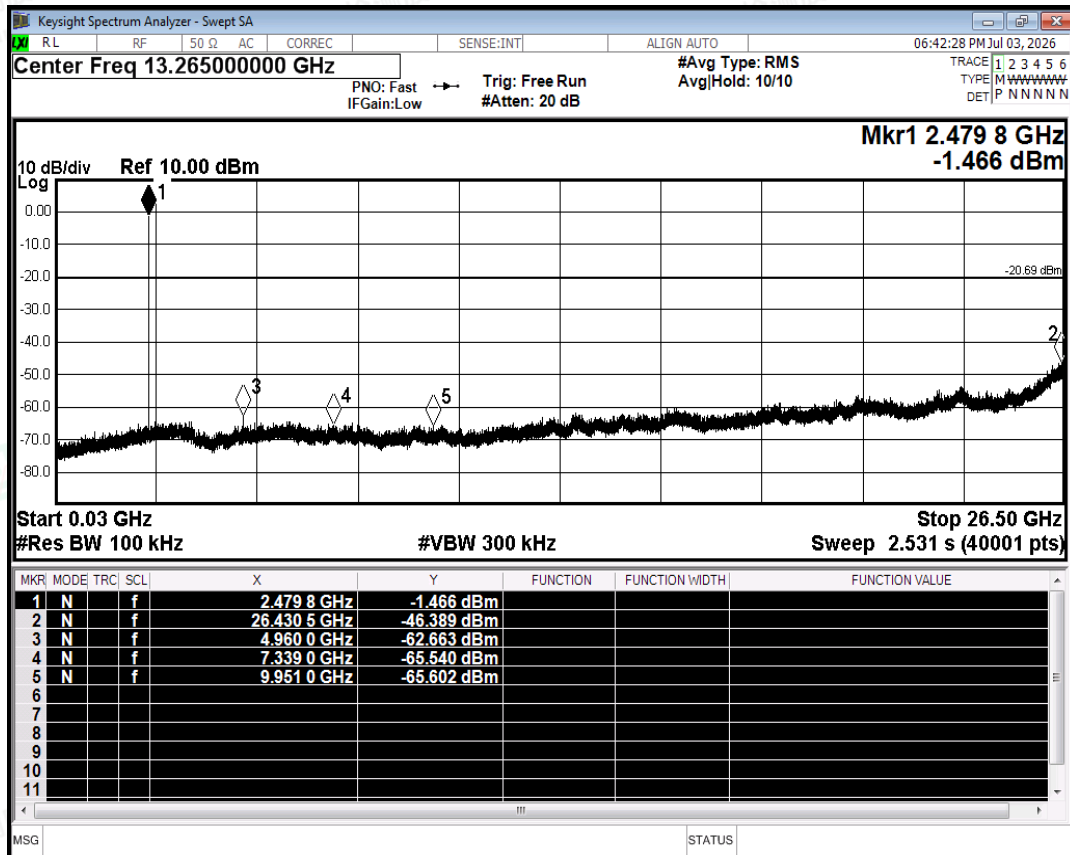
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



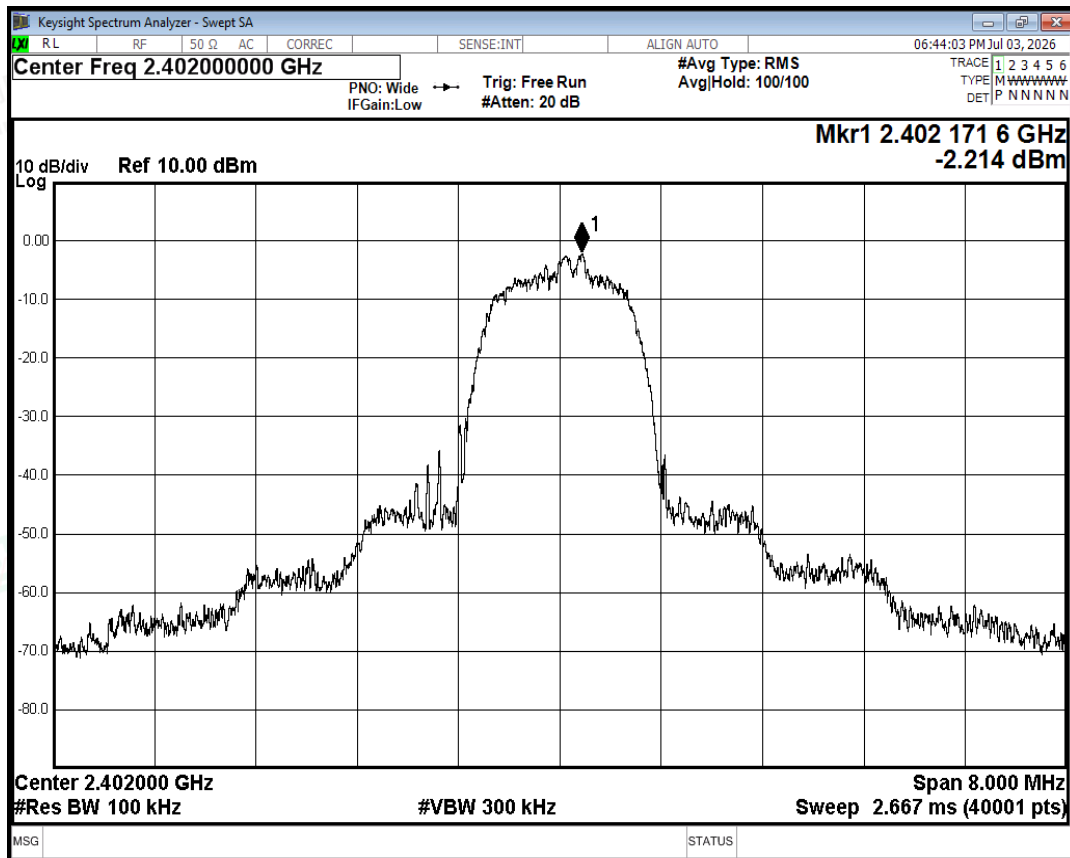
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



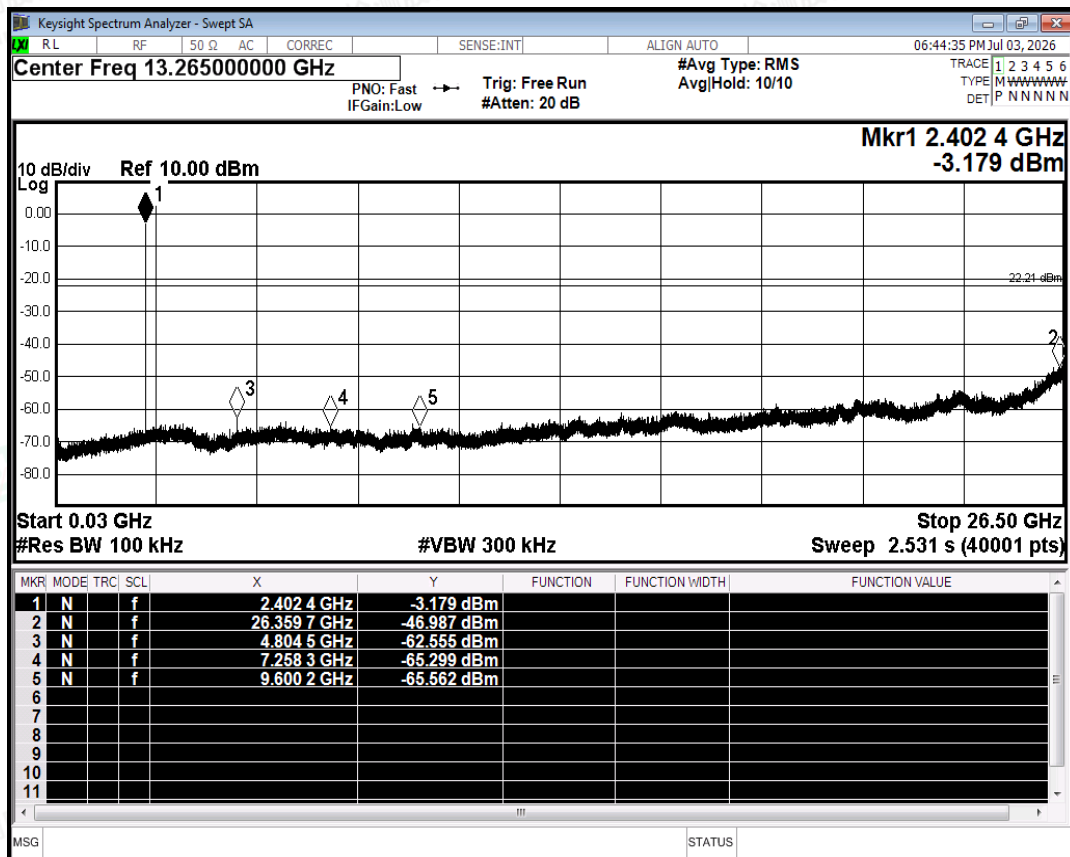
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



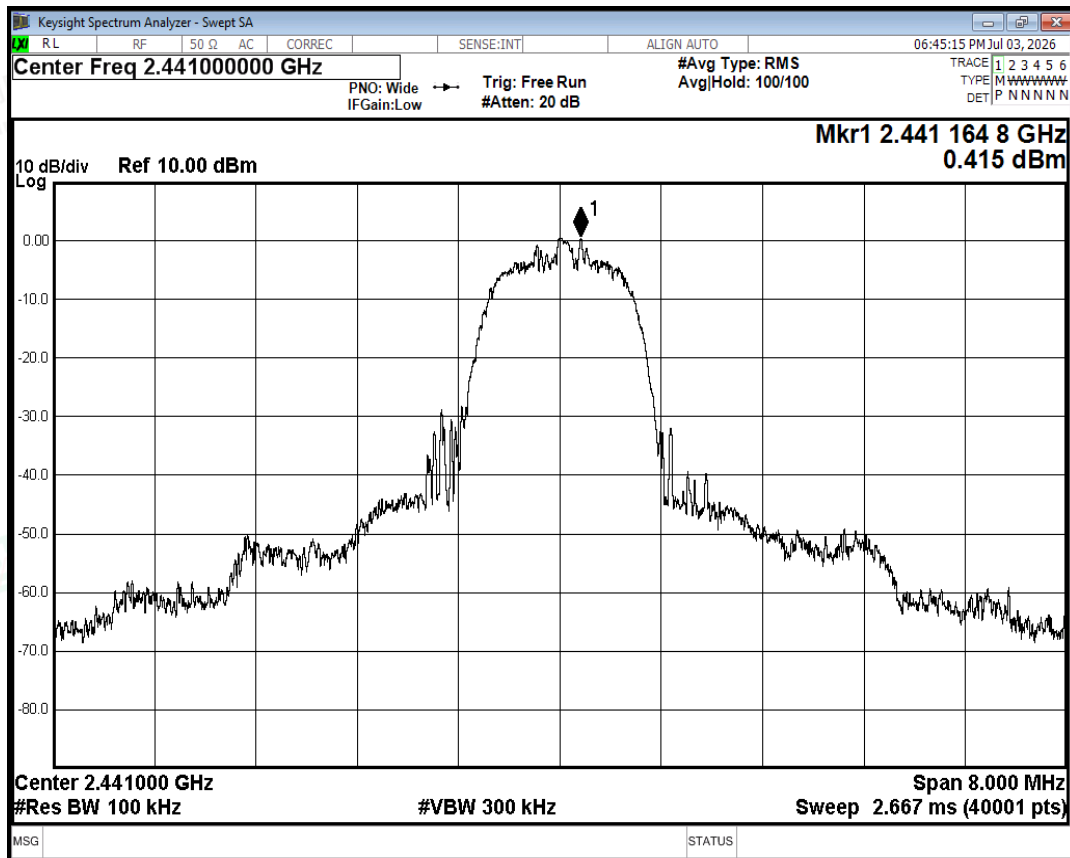
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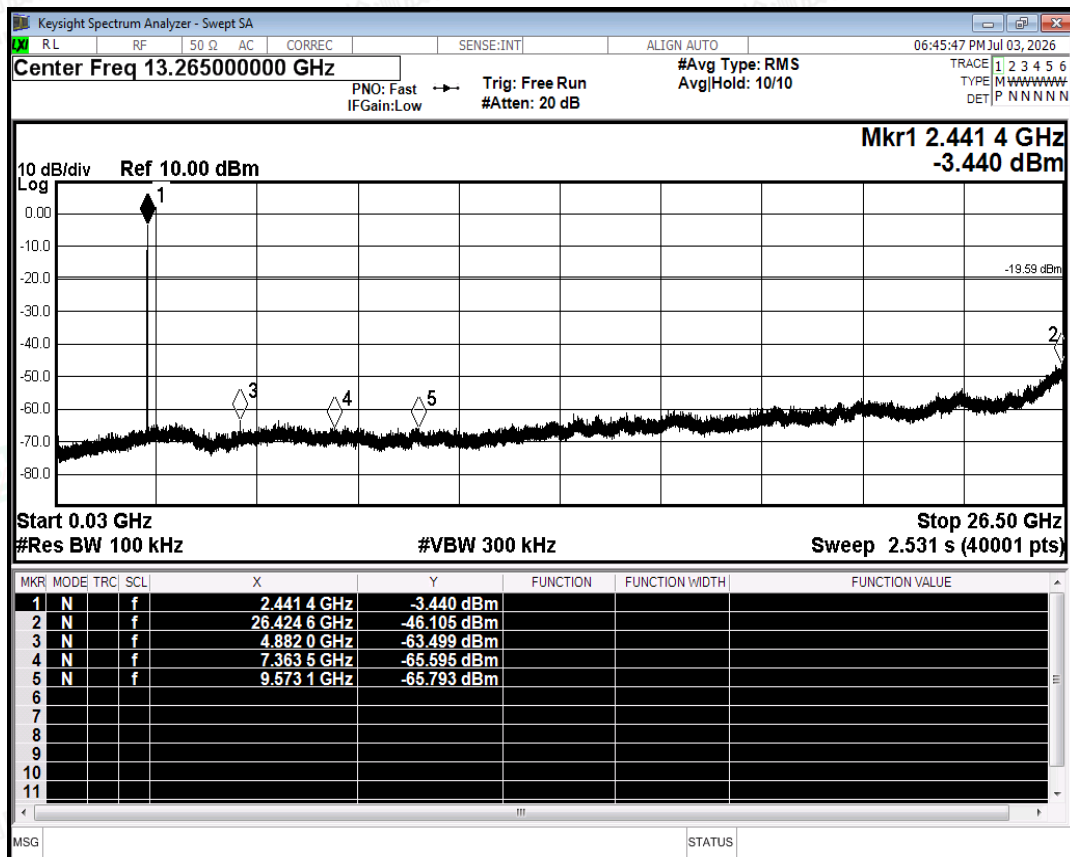
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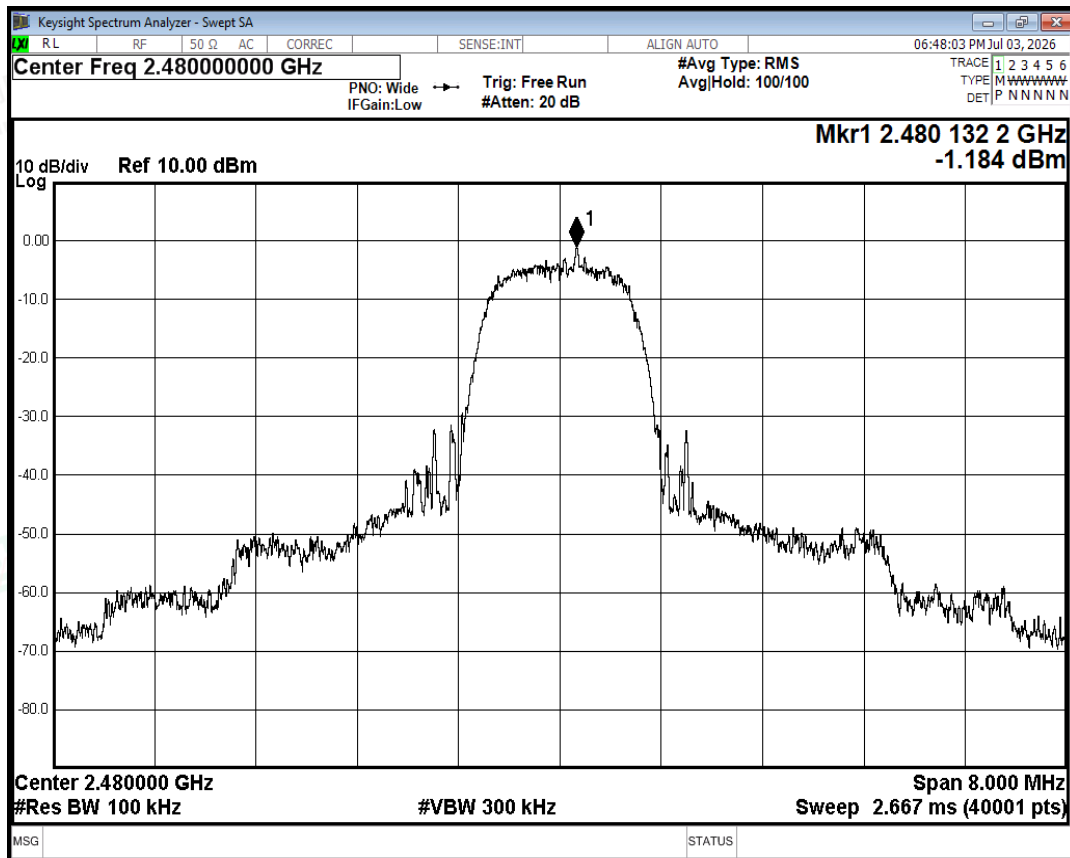
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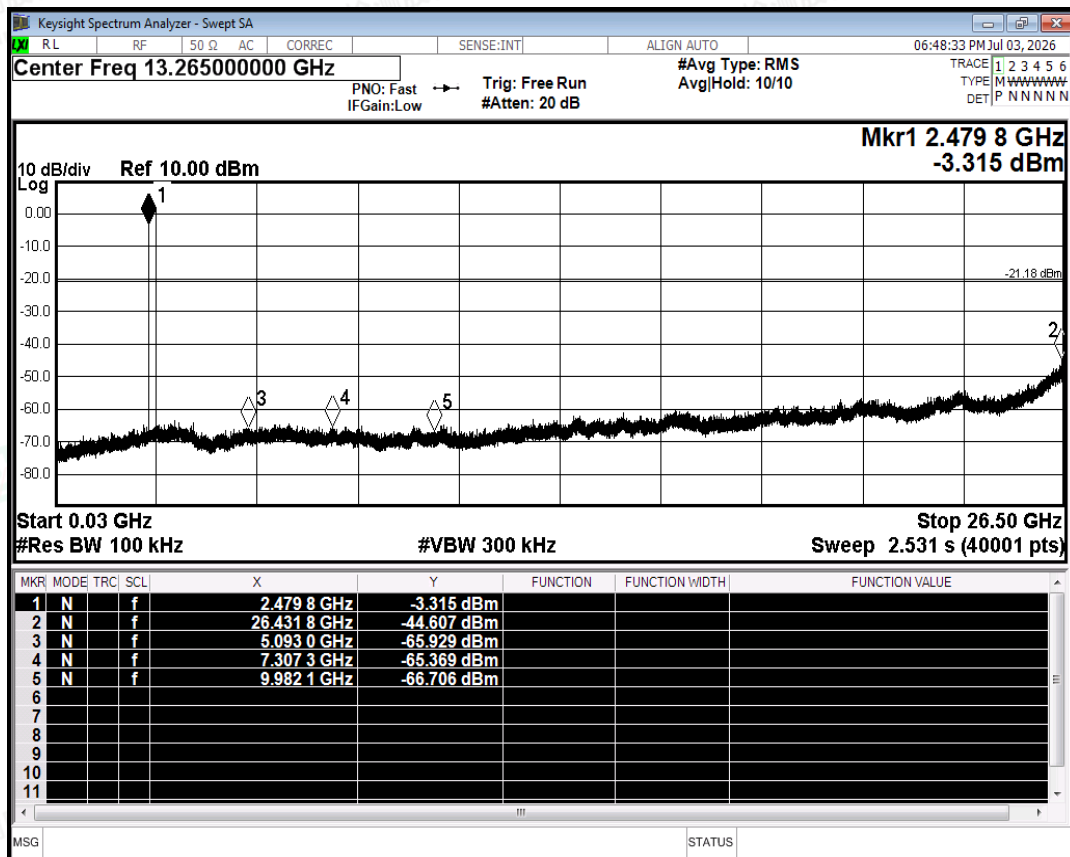
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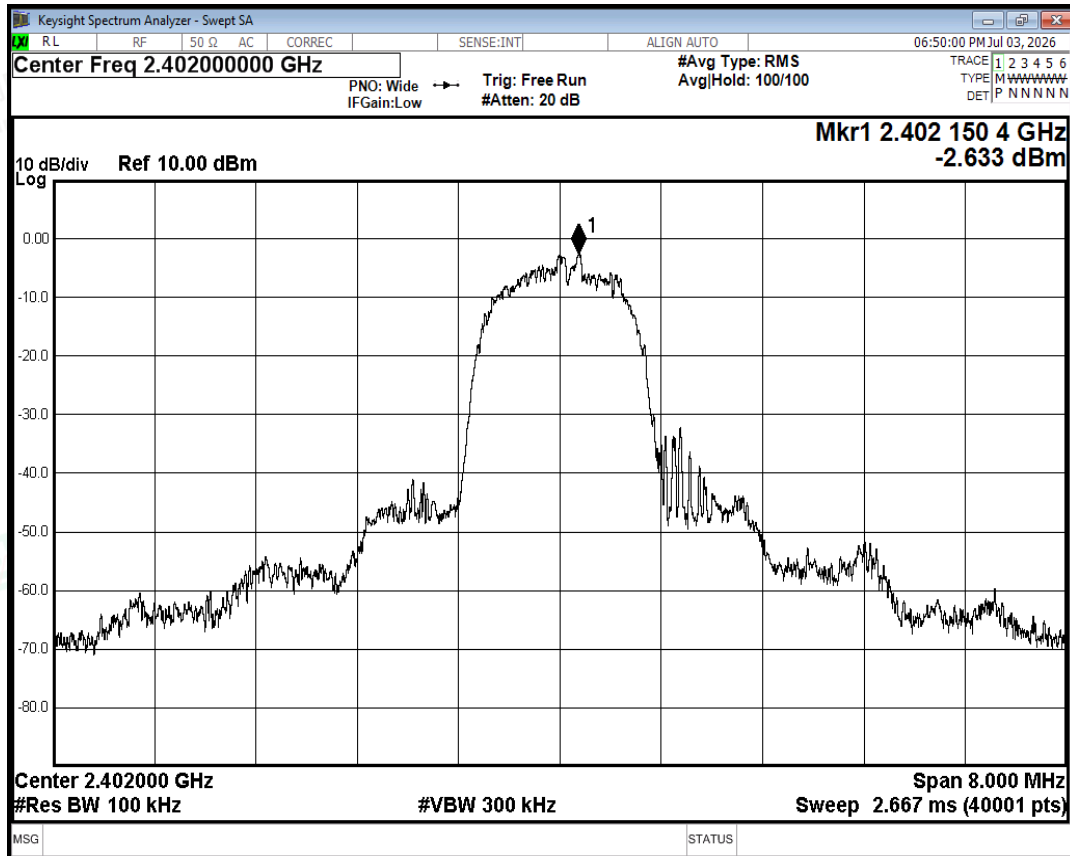
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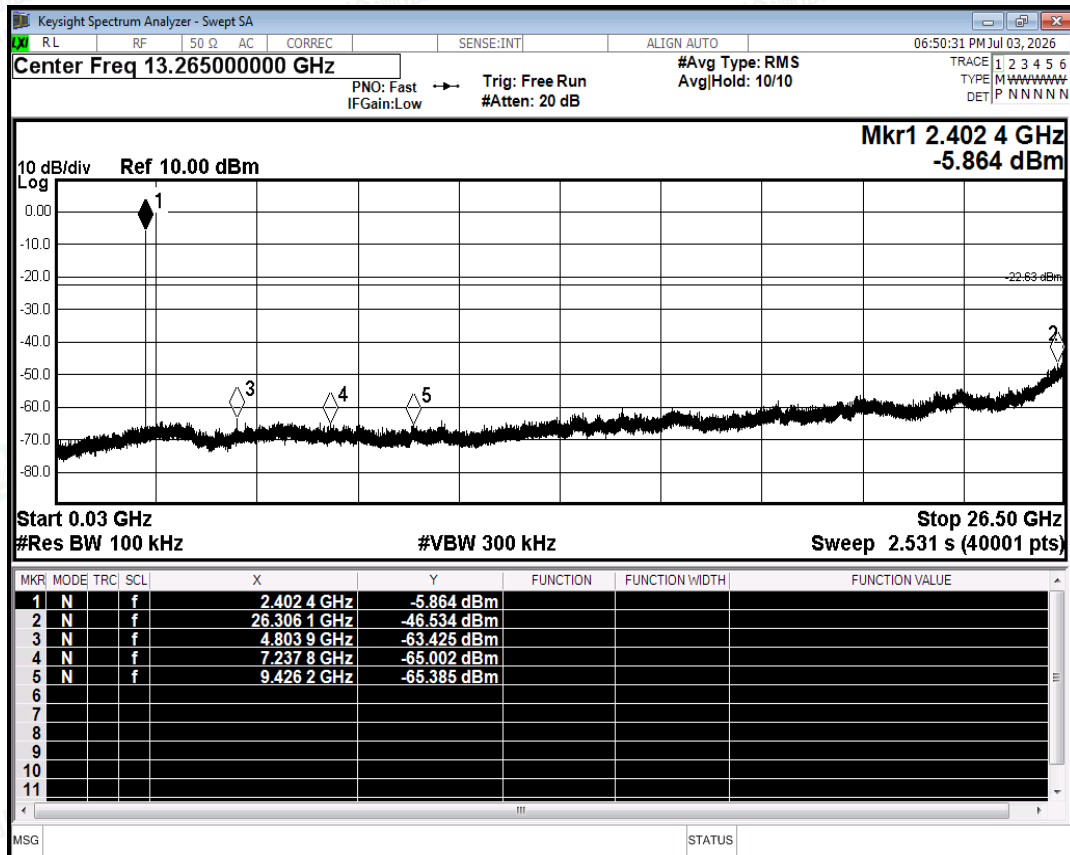
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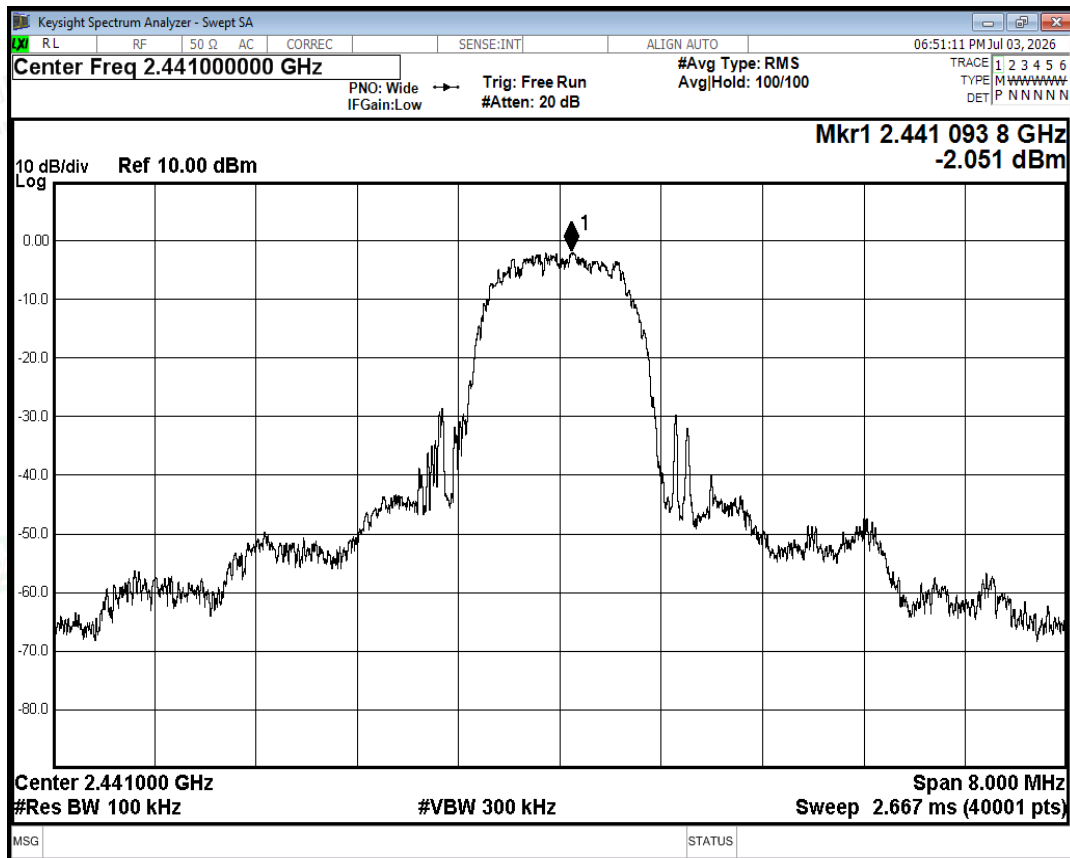
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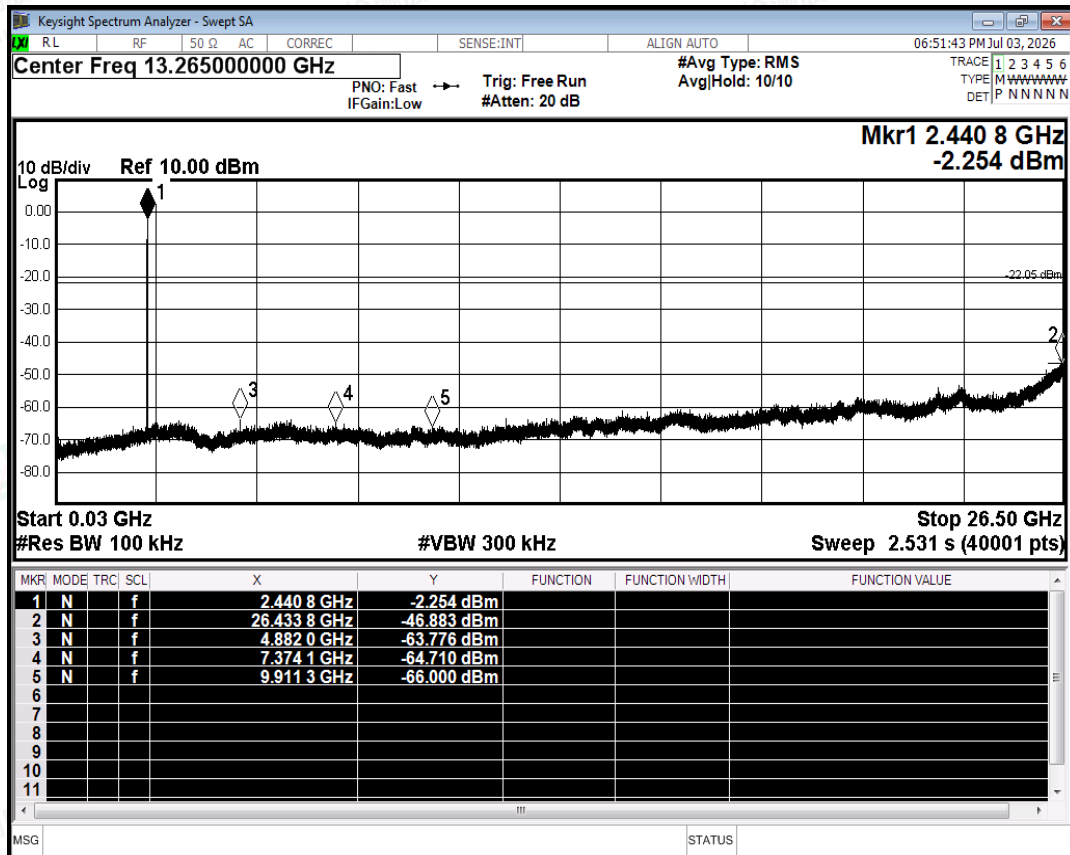
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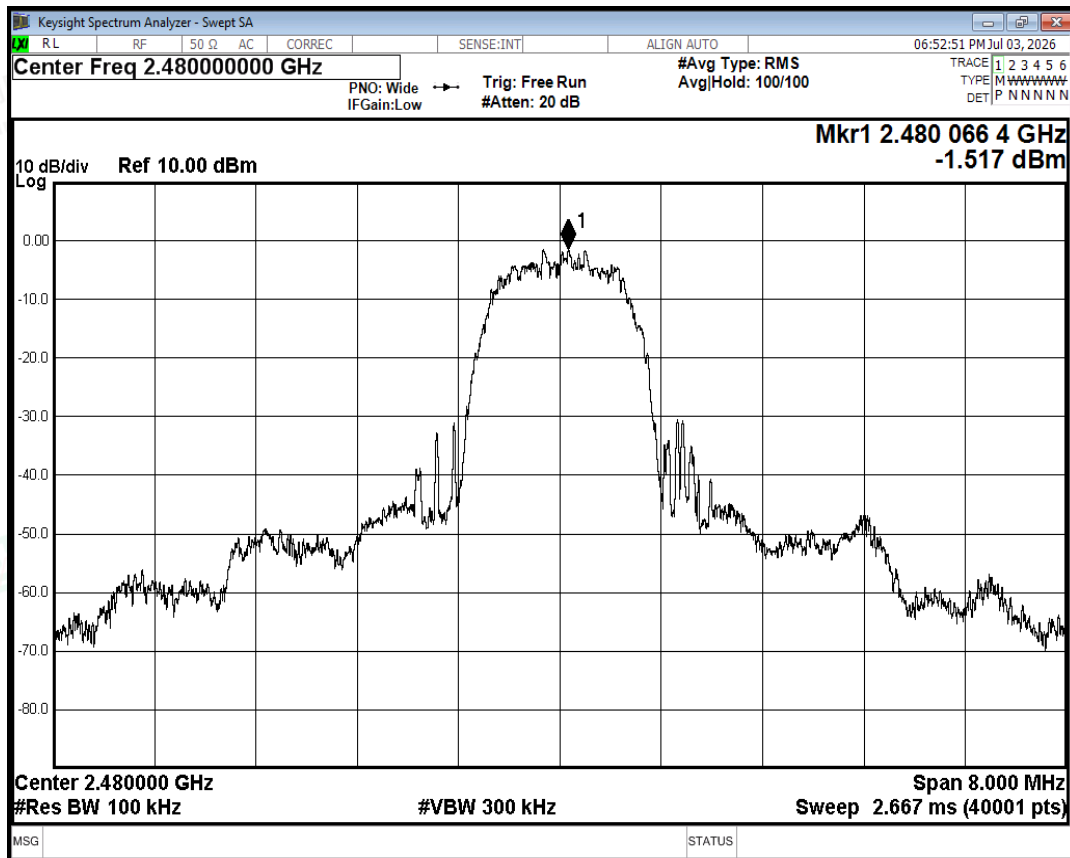
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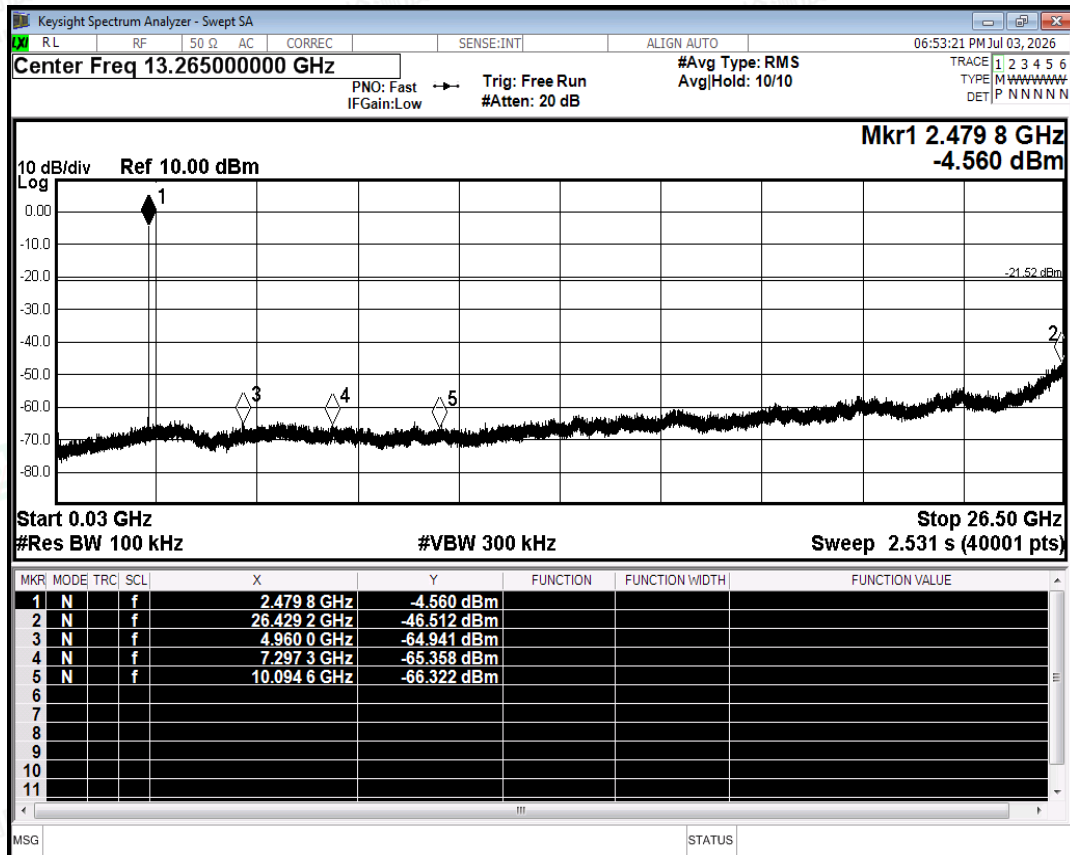
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref

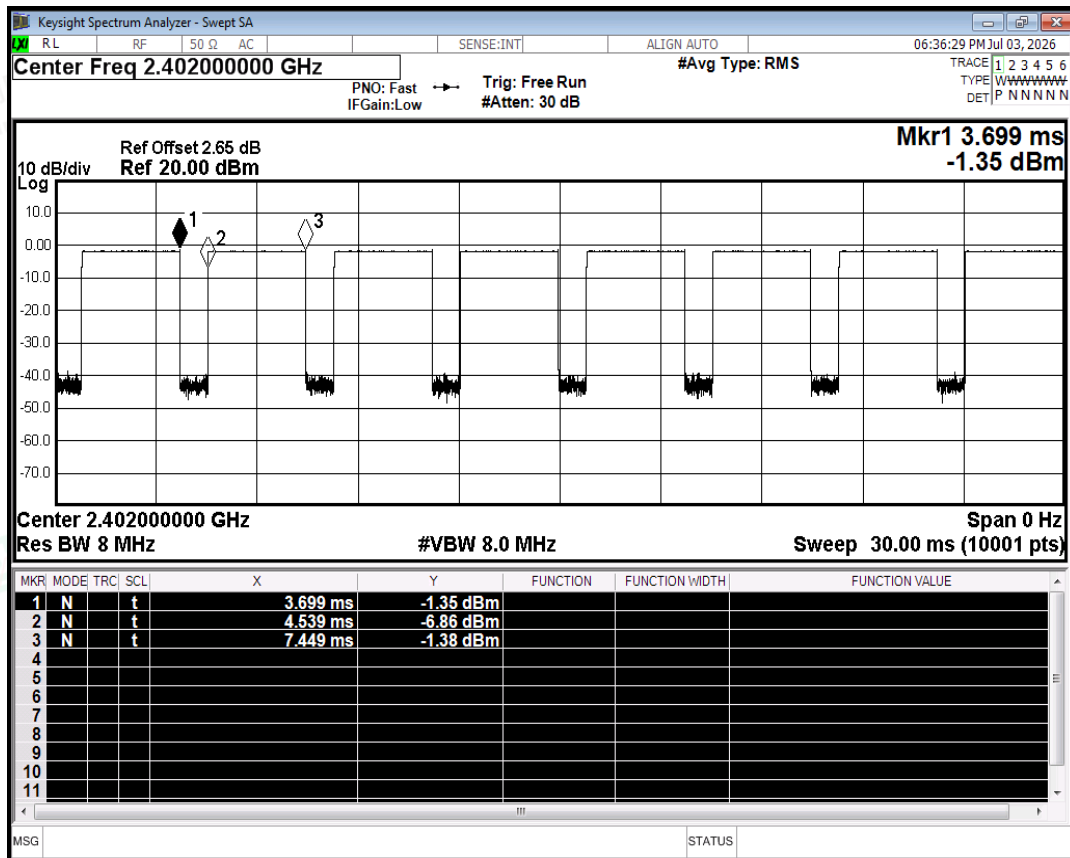


Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

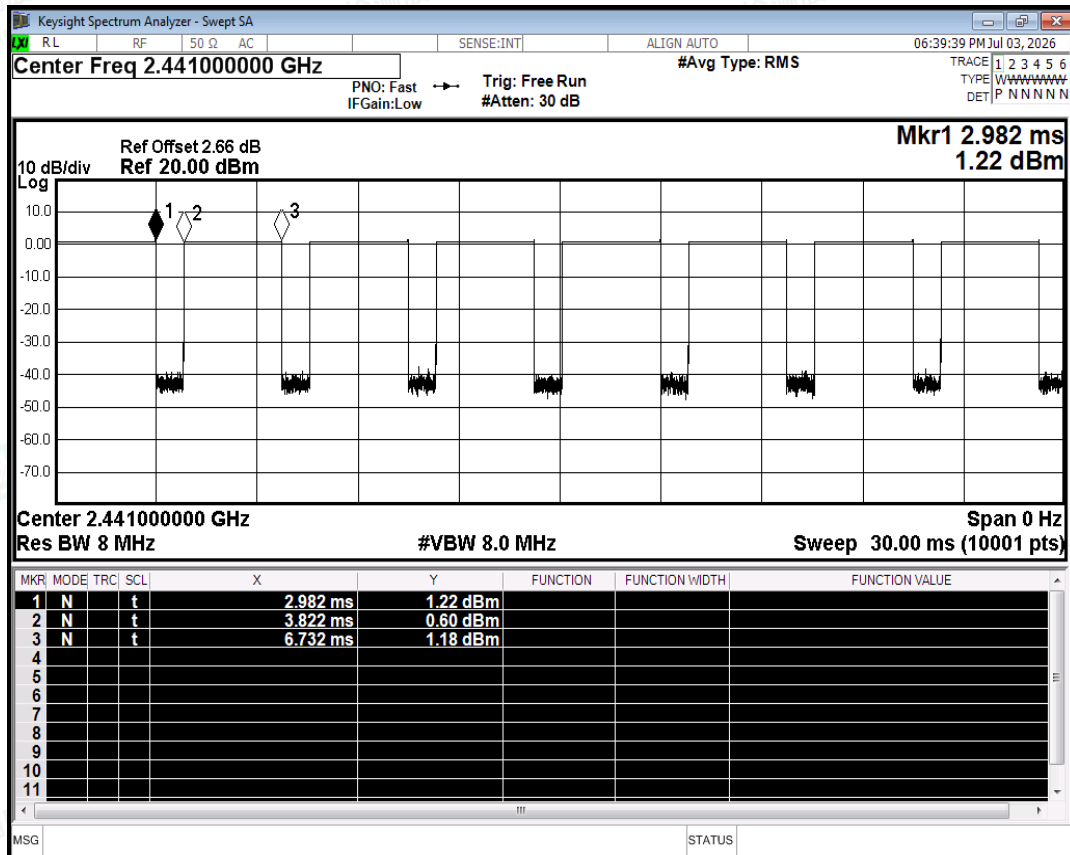


A.8 Duty Cycle

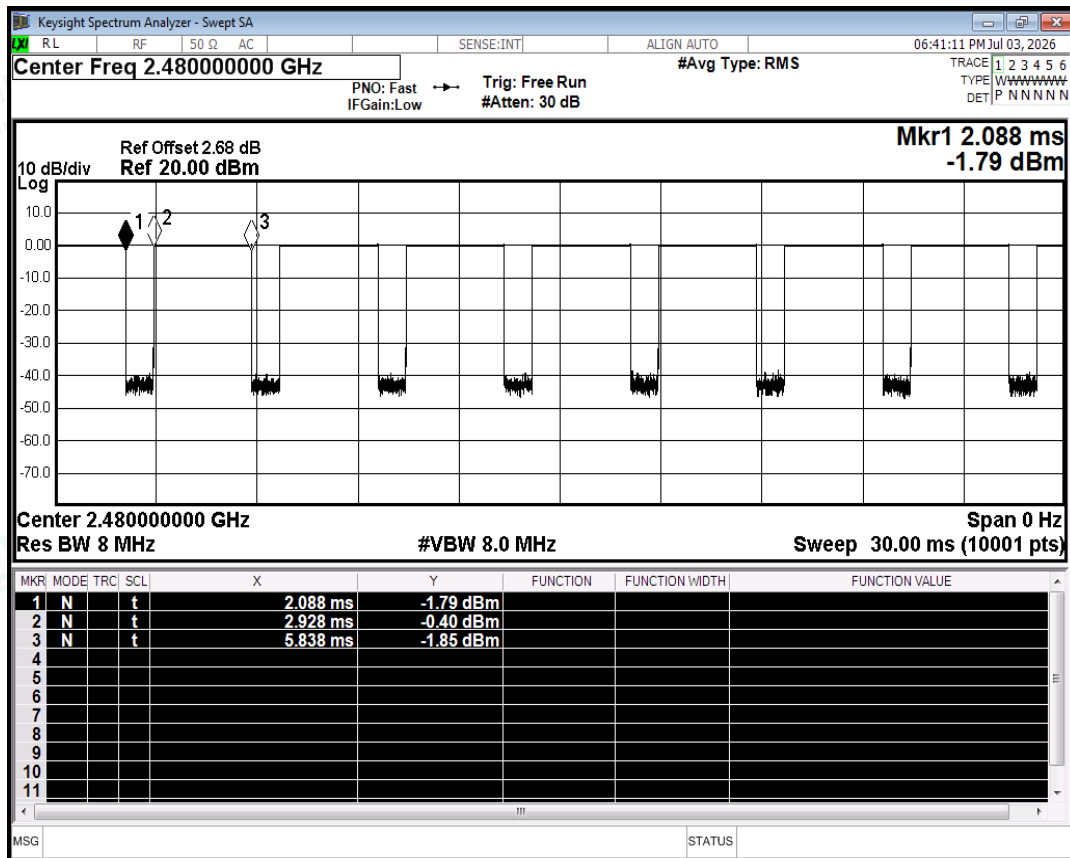
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.2	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.2	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35



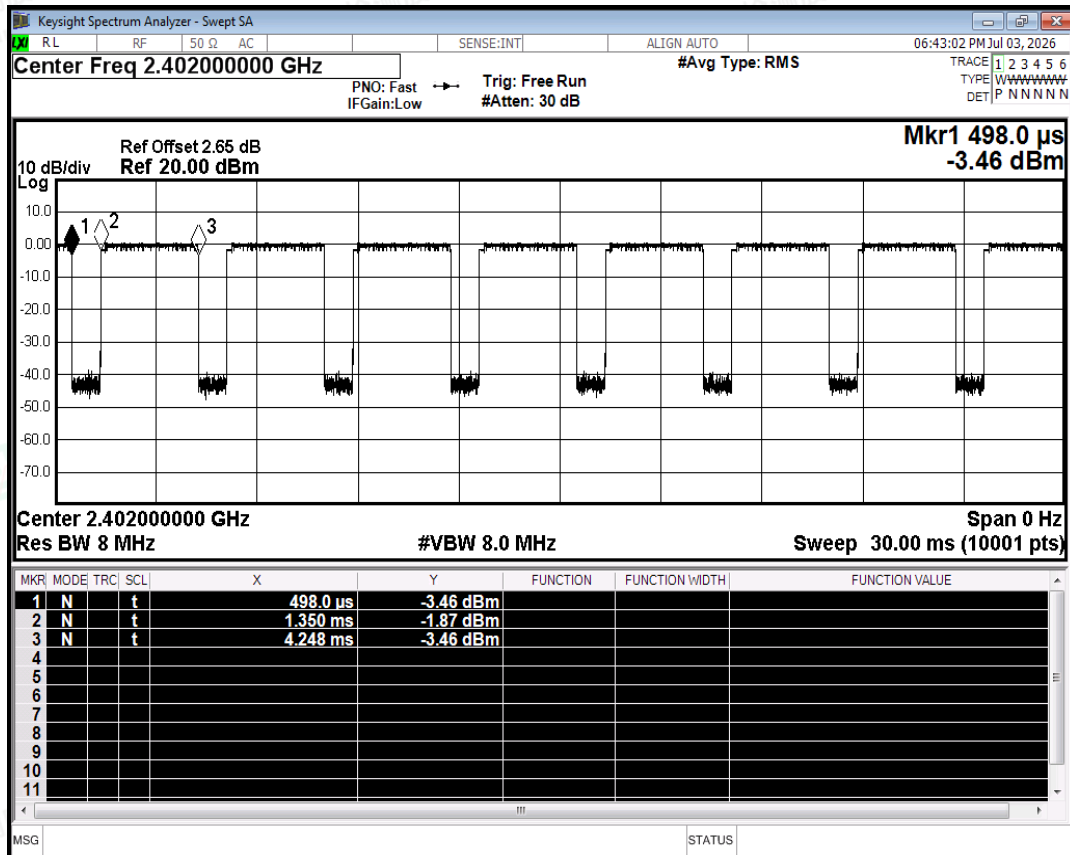
Duty Cycle NVNT 1-DH5 2402MHz Ant1



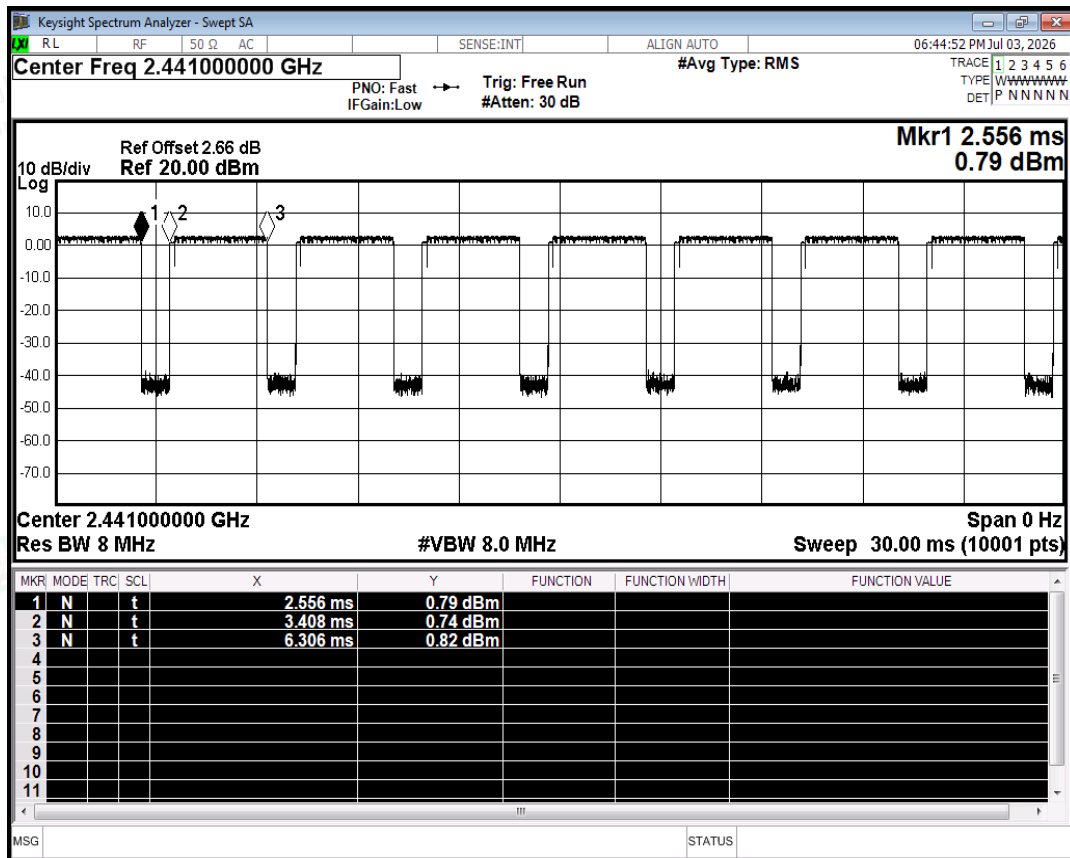
Duty Cycle NVNT 1-DH5 2441MHz Ant1



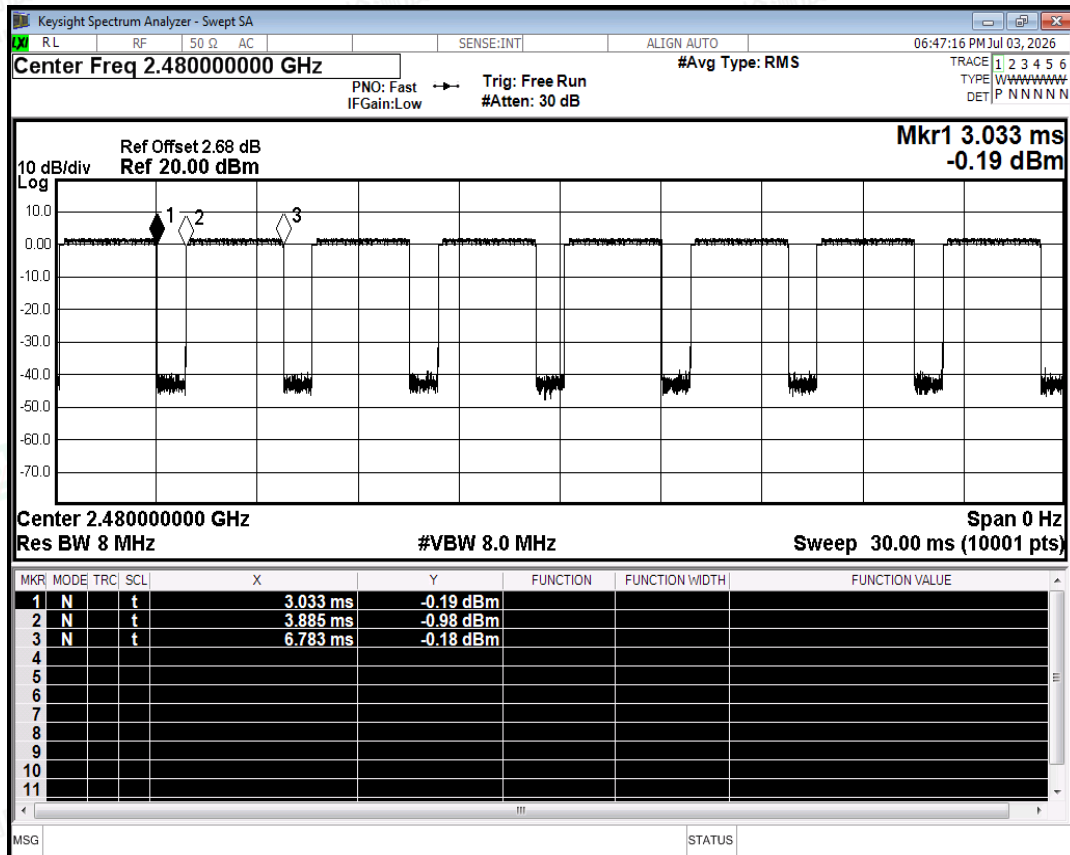
Duty Cycle NVNT 1-DH5 2480MHz Ant1



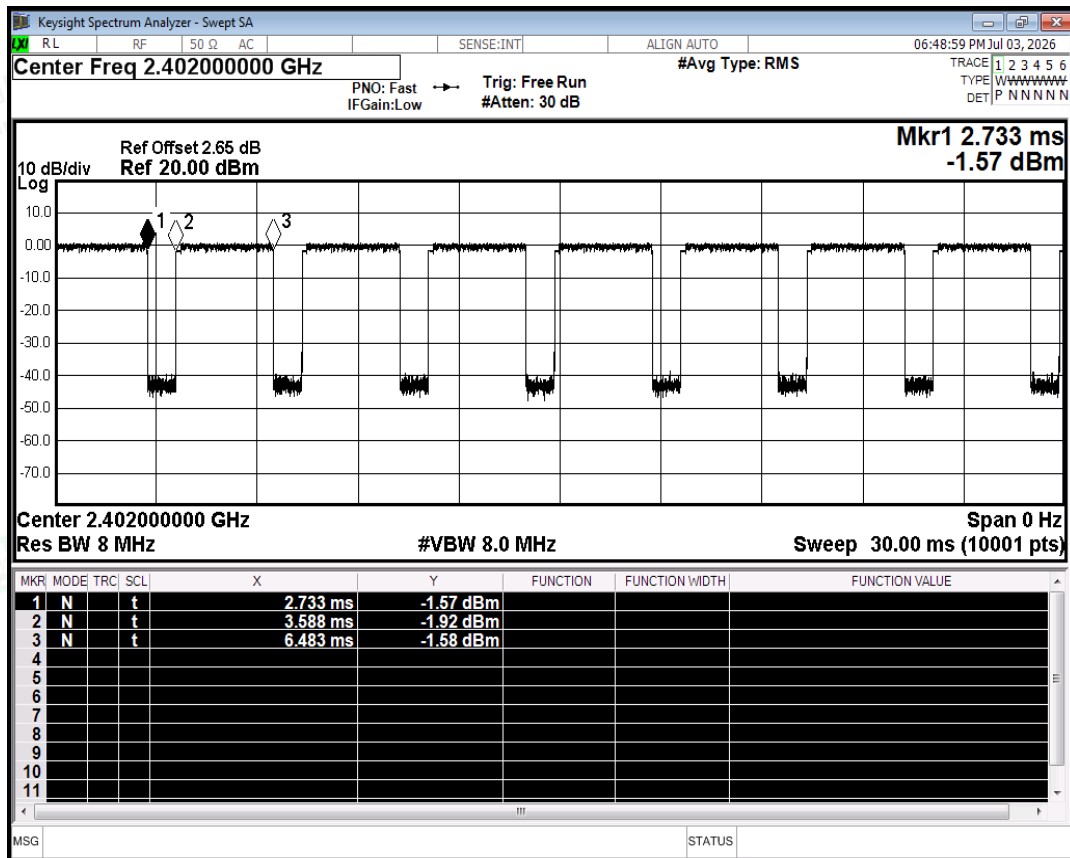
Duty Cycle NVNT 2-DH5 2402MHz Ant1



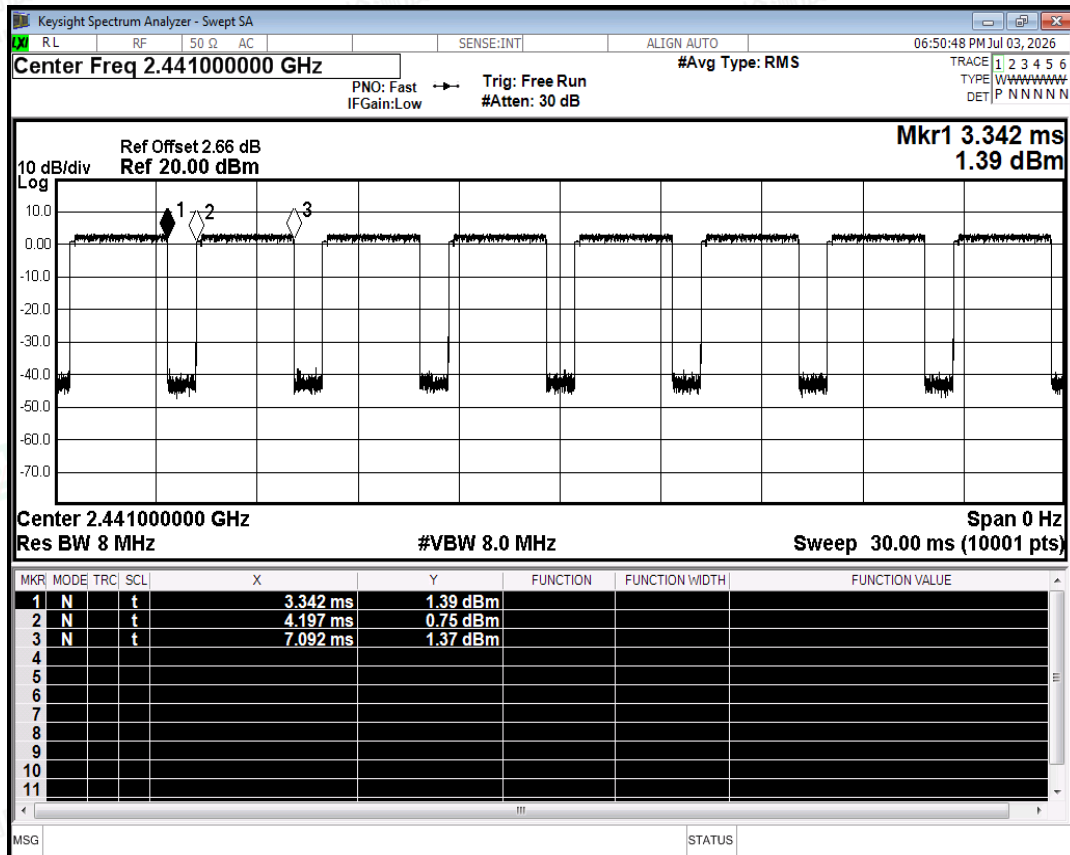
Duty Cycle NVNT 2-DH5 2441MHz Ant1



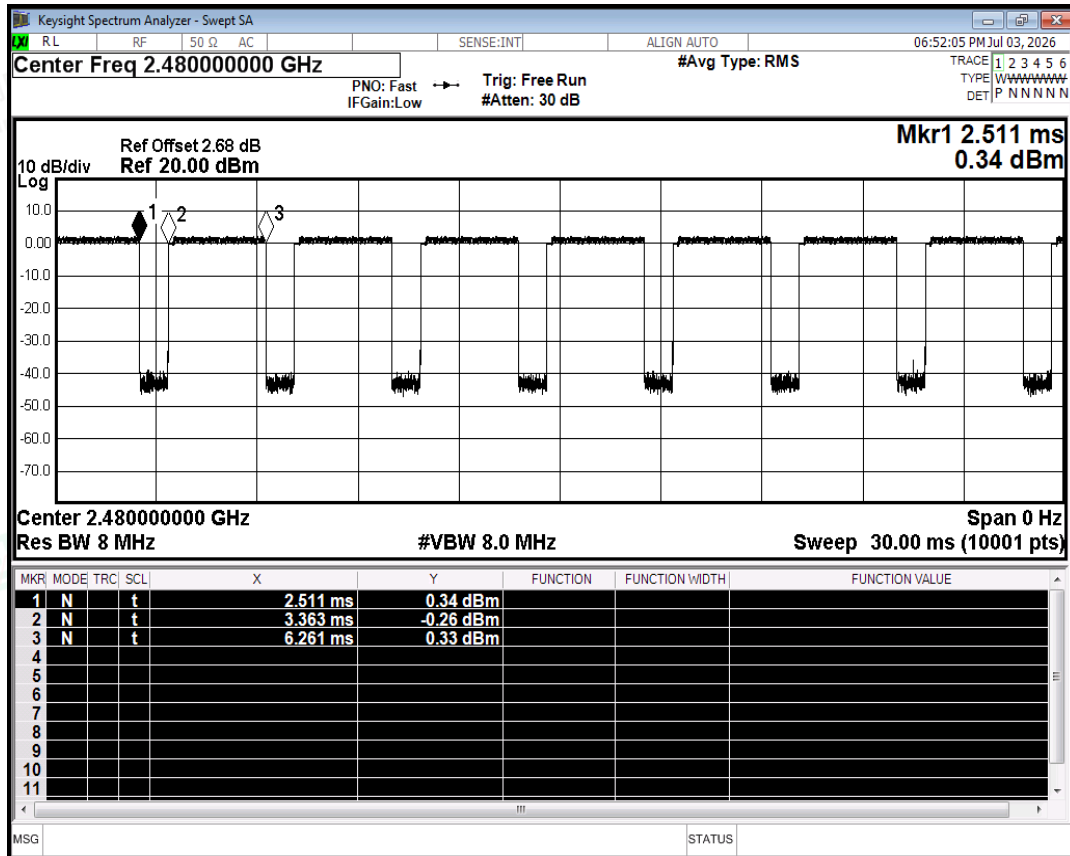
Duty Cycle NVNT 2-DH5 2480MHz Ant1



Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1

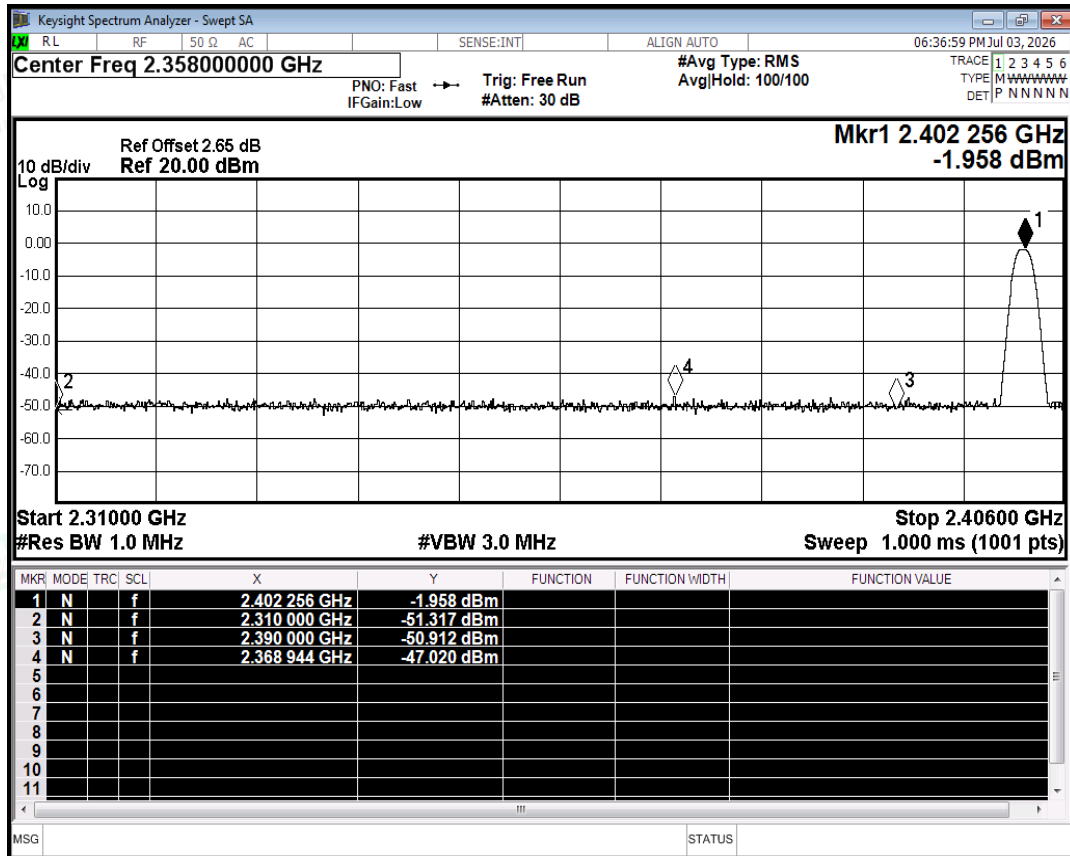


Duty Cycle NVNT 3-DH5 2480MHz Ant1

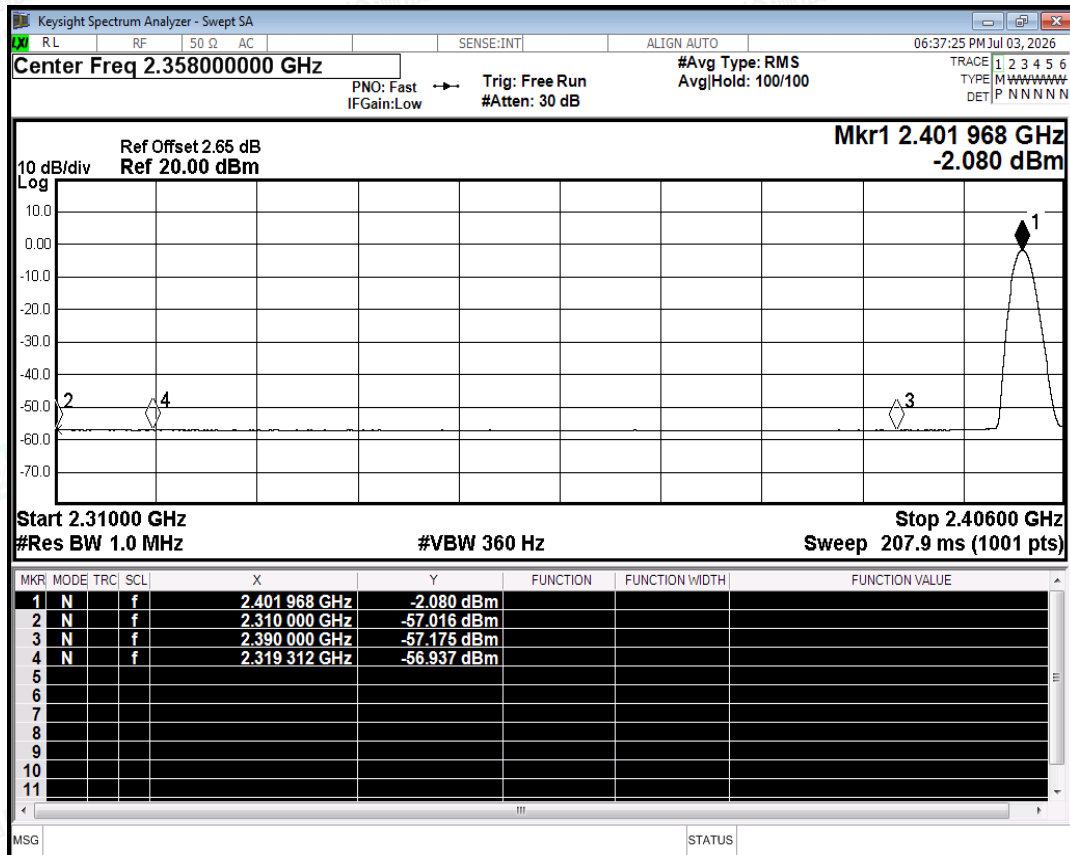


A.9 Restrict Band

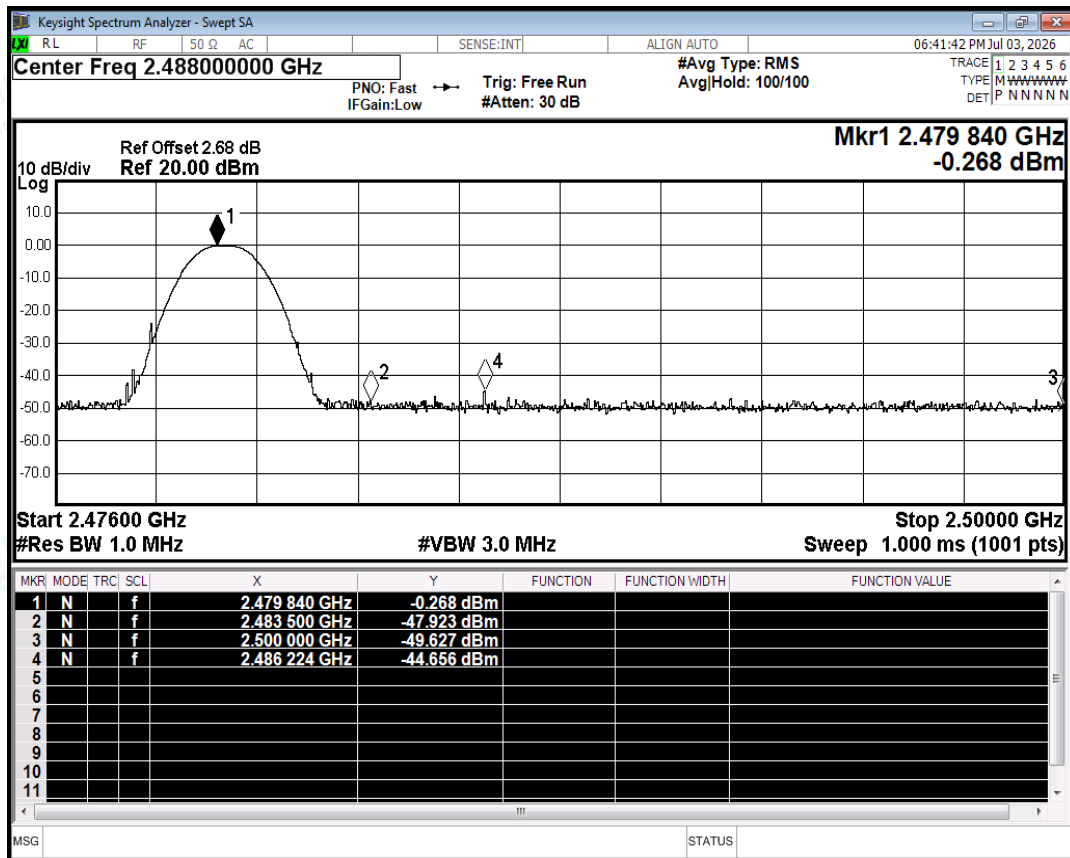
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.31	2	45.95	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.01	2	40.25	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2368.944	-47.02	2	50.24	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2319.312	-56.93	2	40.33	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.31	2	46.95	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.2	2	40.06	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-47.92	2	49.34	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-55.61	2	41.65	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2486.224	-44.65	2	52.61	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-55.61	2	41.65	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.62	2	47.64	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.01	2	40.25	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-48.73	2	48.53	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.1	2	40.16	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2314.32	-47.15	2	50.11	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2315.28	-56.88	2	40.38	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.33	2	47.93	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.18	2	40.08	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-47.93	2	49.33	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-53.91	2	43.35	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2489.176	-46.01	2	51.25	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-53.91	2	43.35	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-48.92	2	48.34	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.84	2	40.42	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.68	2	47.58	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-57.08	2	40.18	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2374.32	-47.47	2	49.79	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2314.224	-56.93	2	40.33	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-51.04	2	46.22	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.16	2	40.1	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-44.77	2	52.49	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-53.63	2	43.63	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.68	-43.85	2	53.41	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-53.63	2	43.63	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.63	2	47.63	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.95	2	40.31	Average	54	Pass



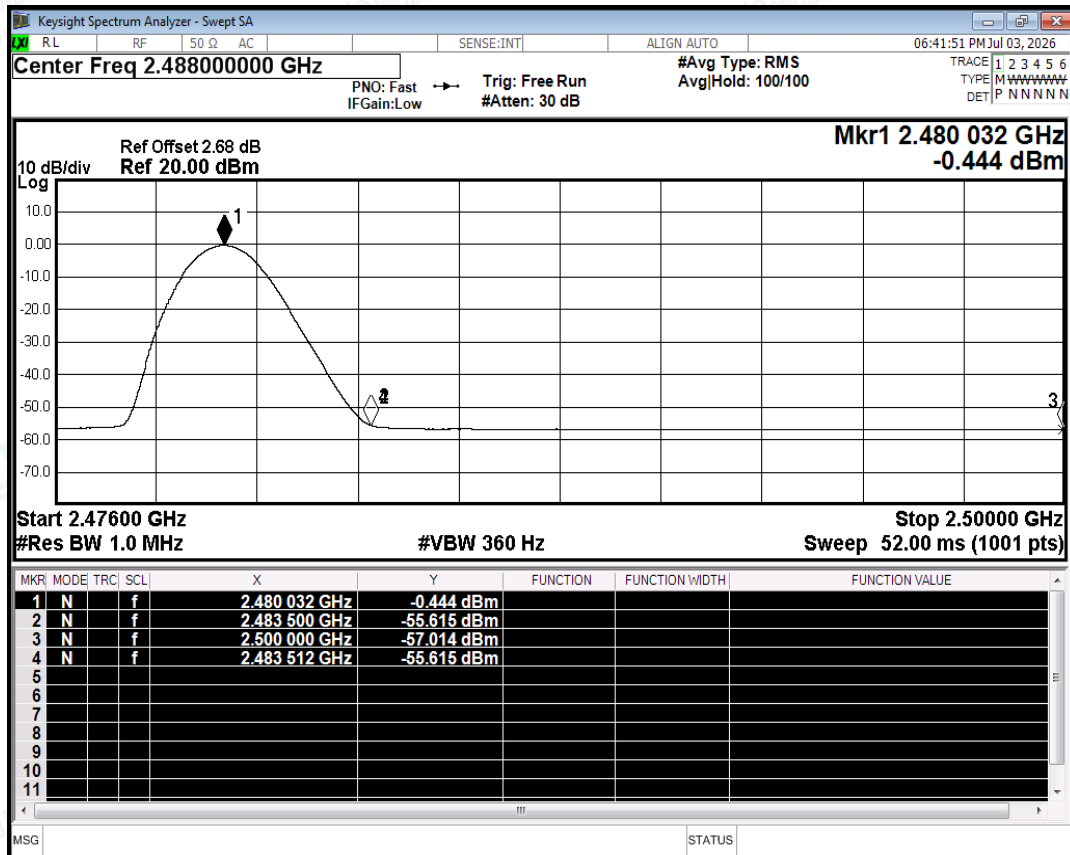
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



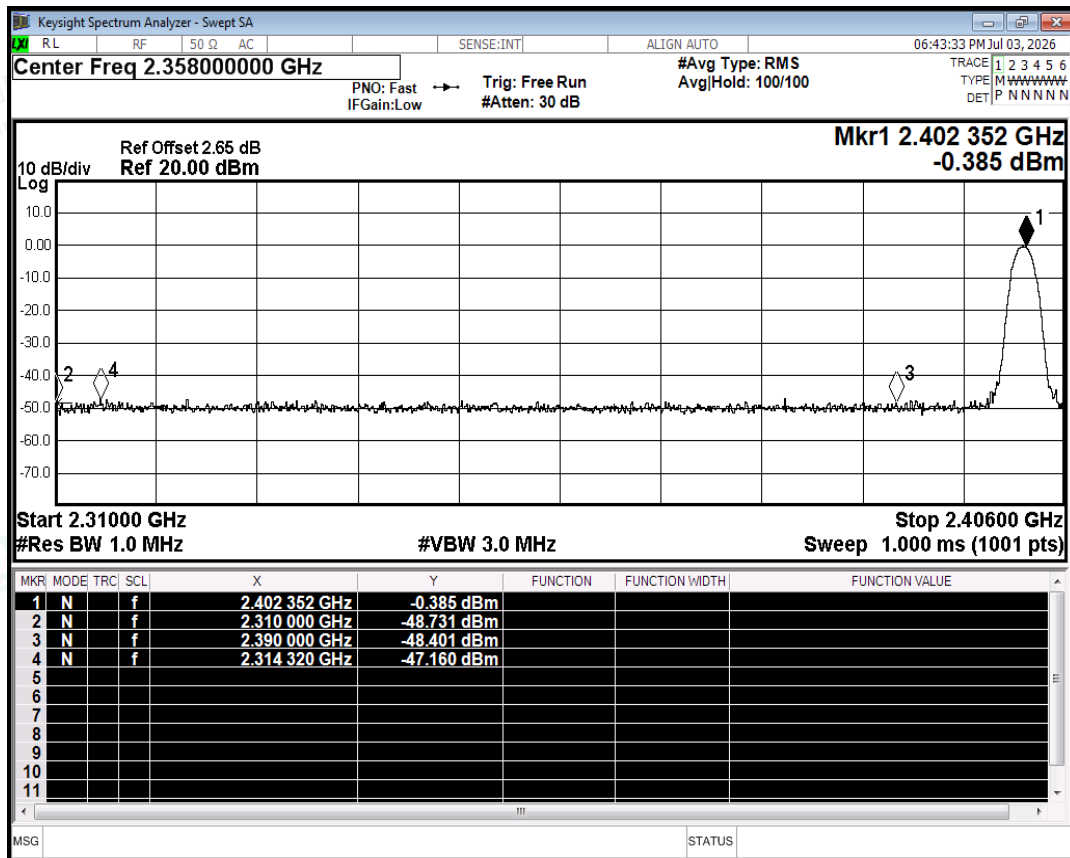
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



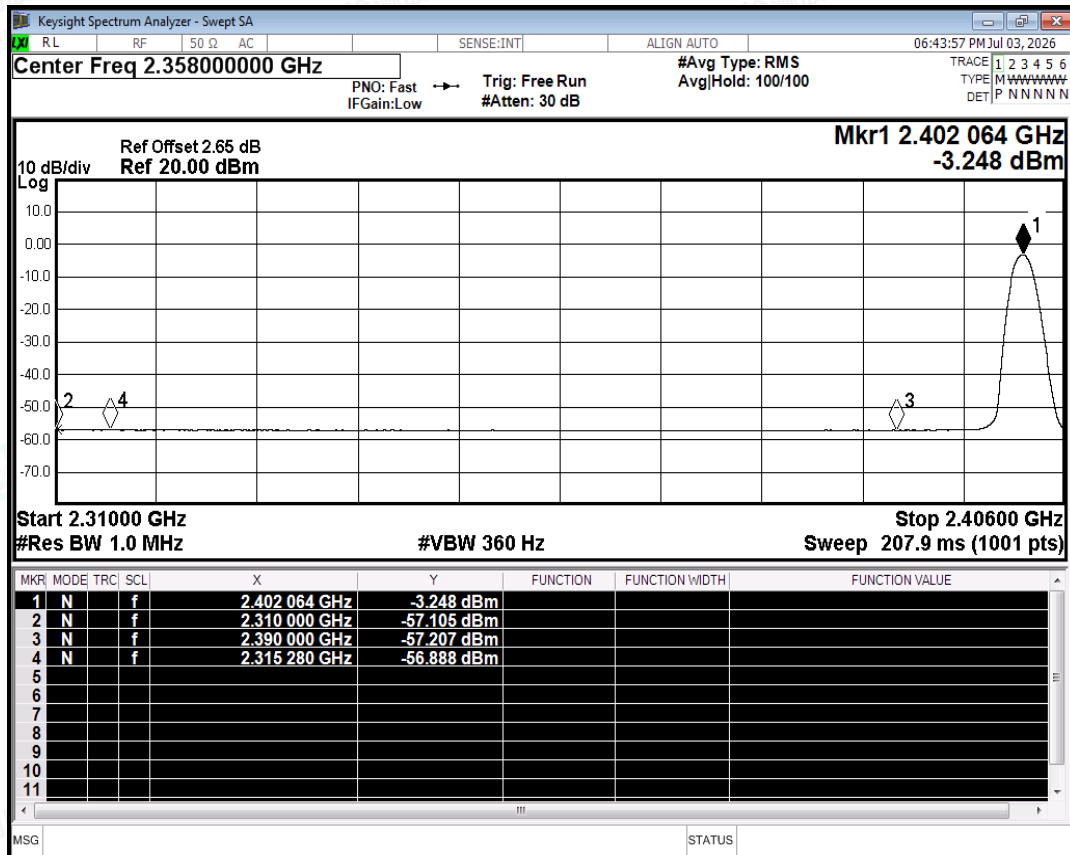
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



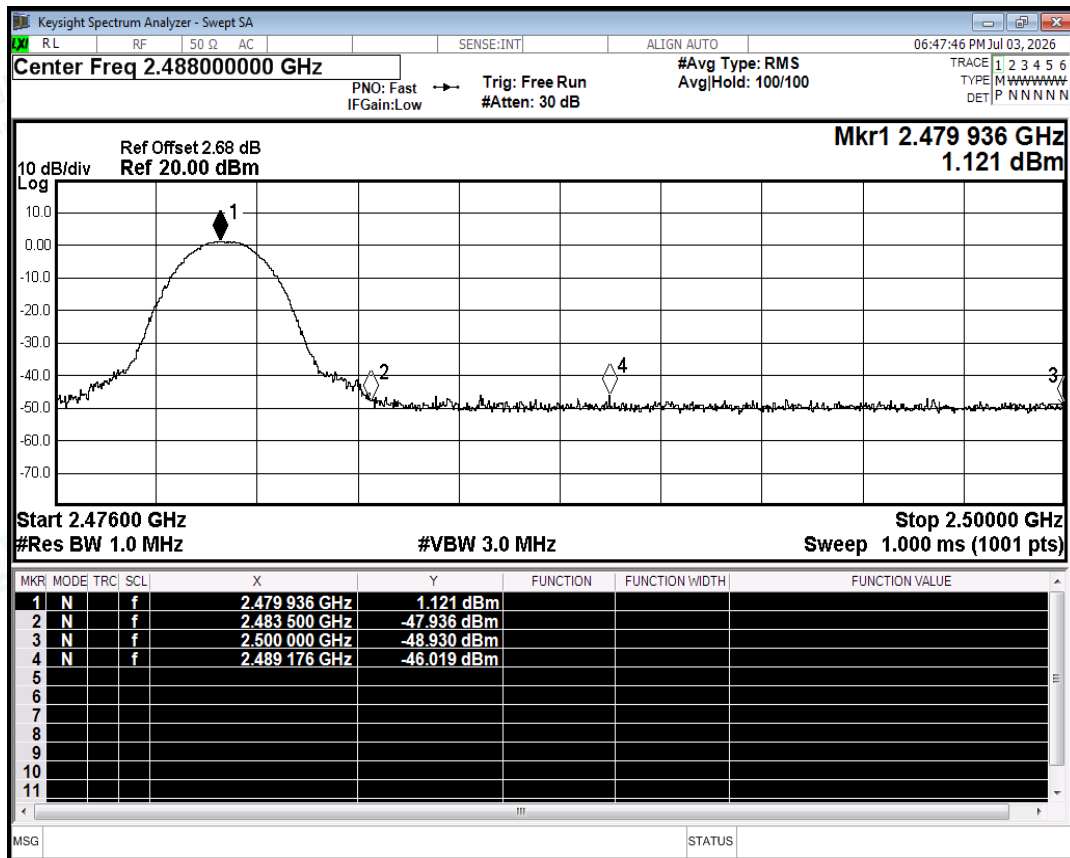
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



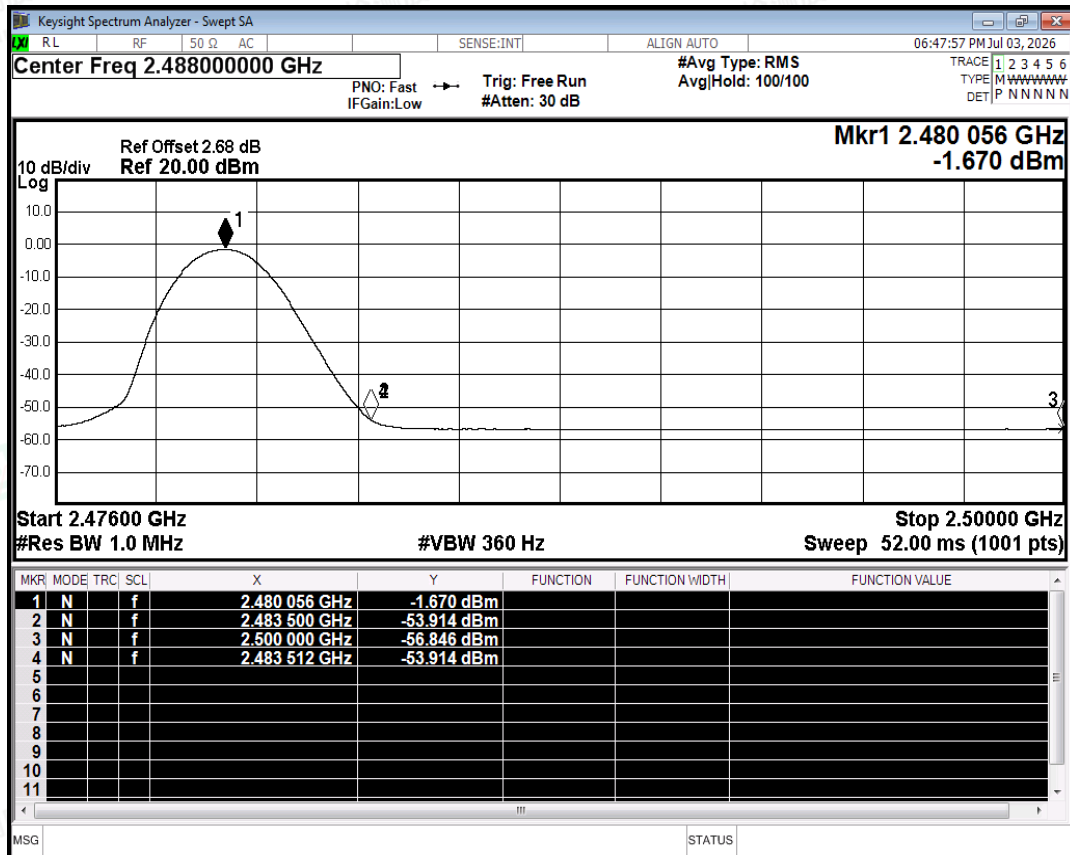
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



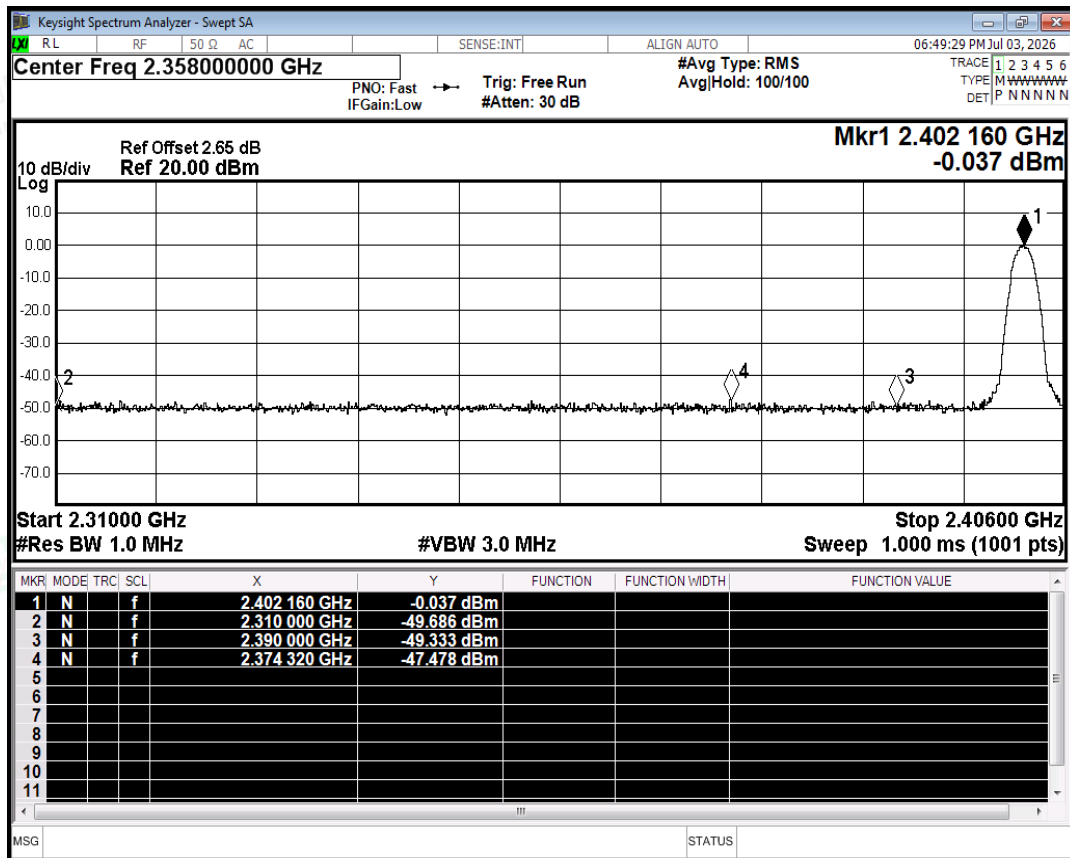
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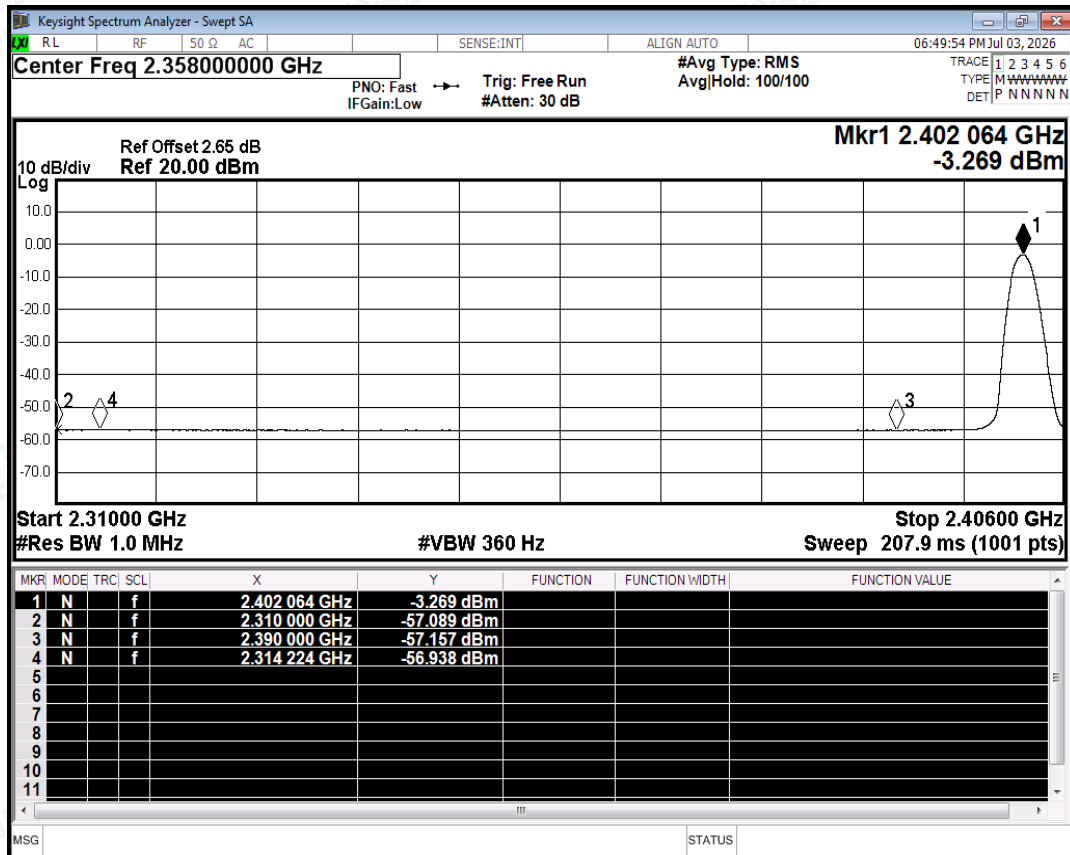
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



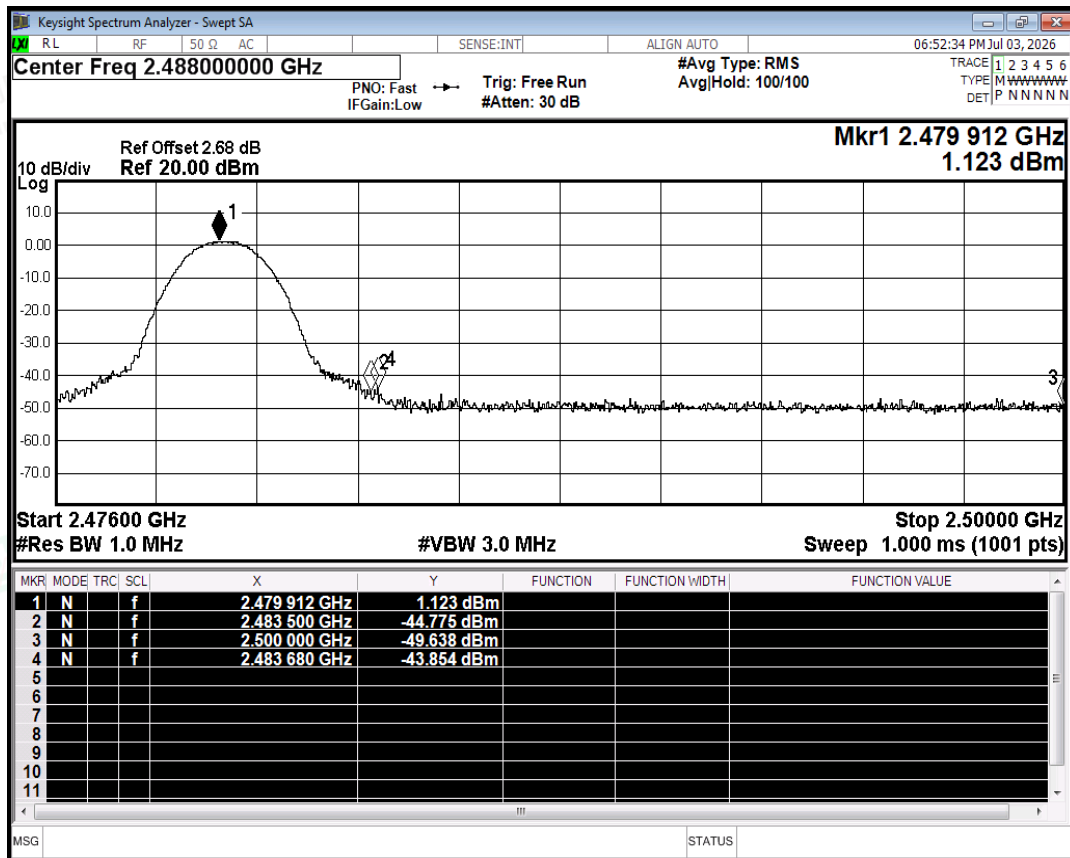
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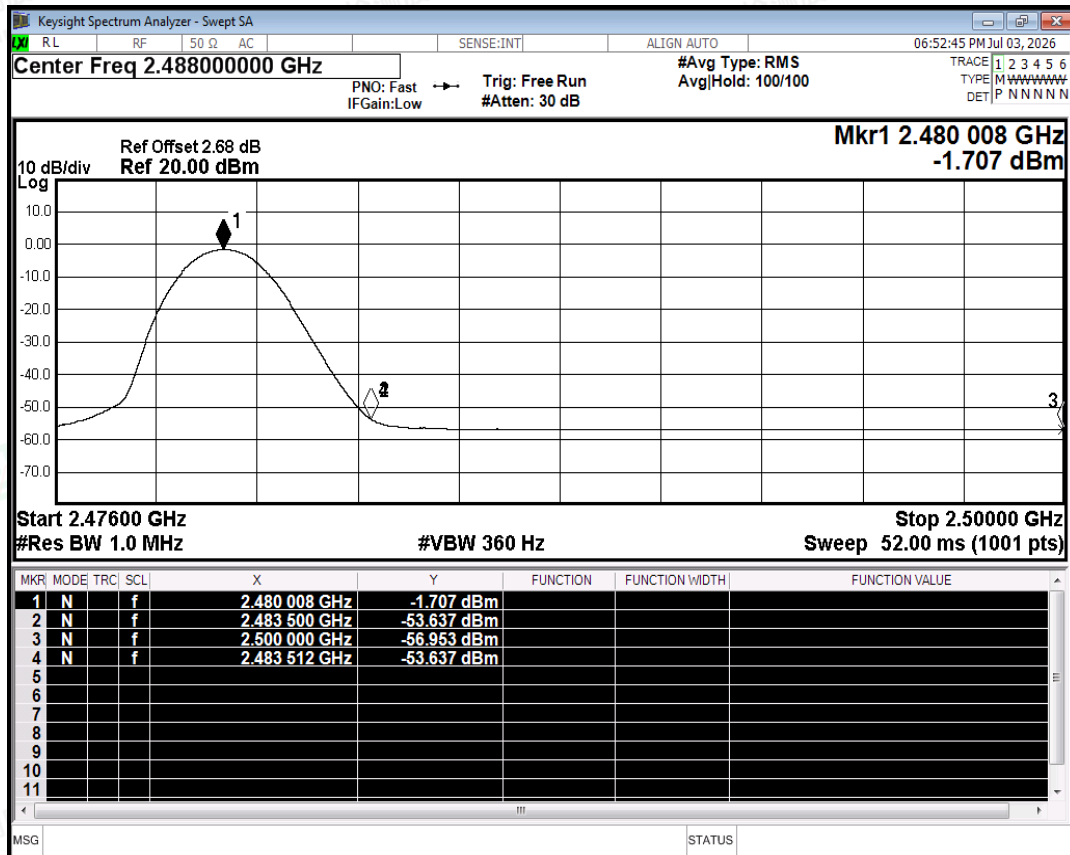
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average