

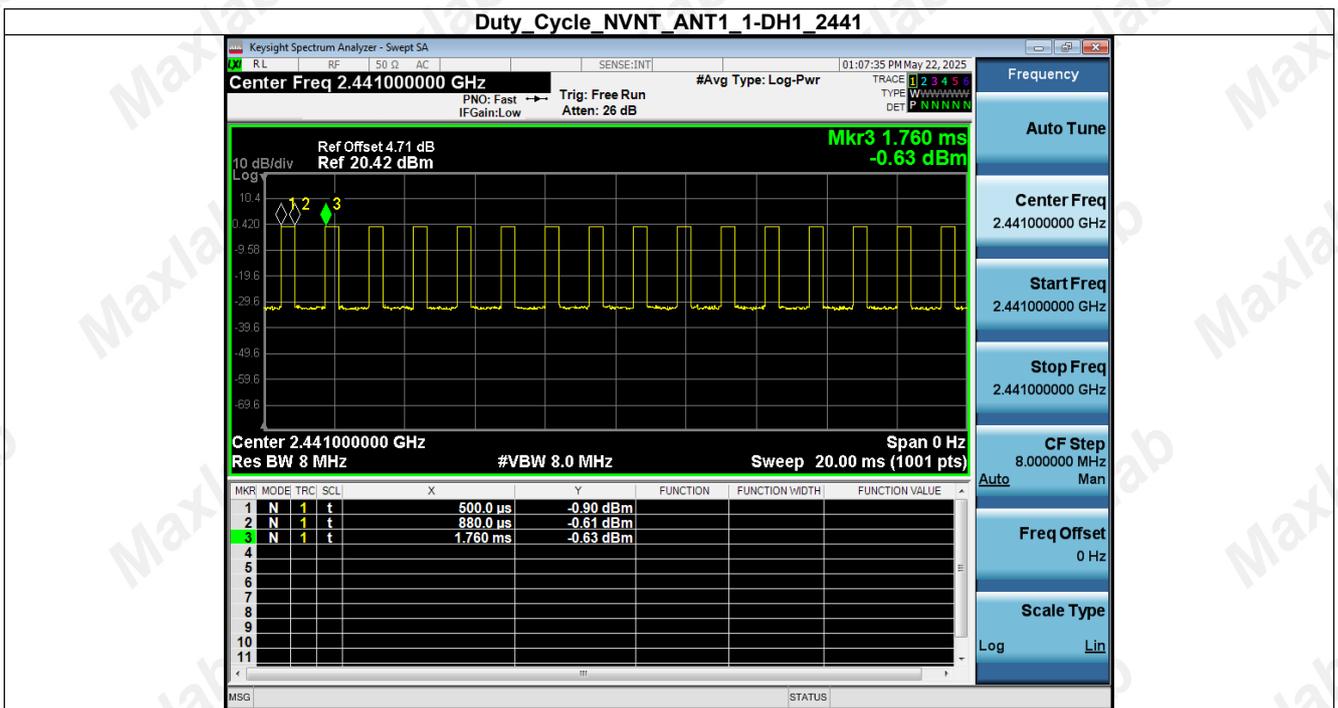
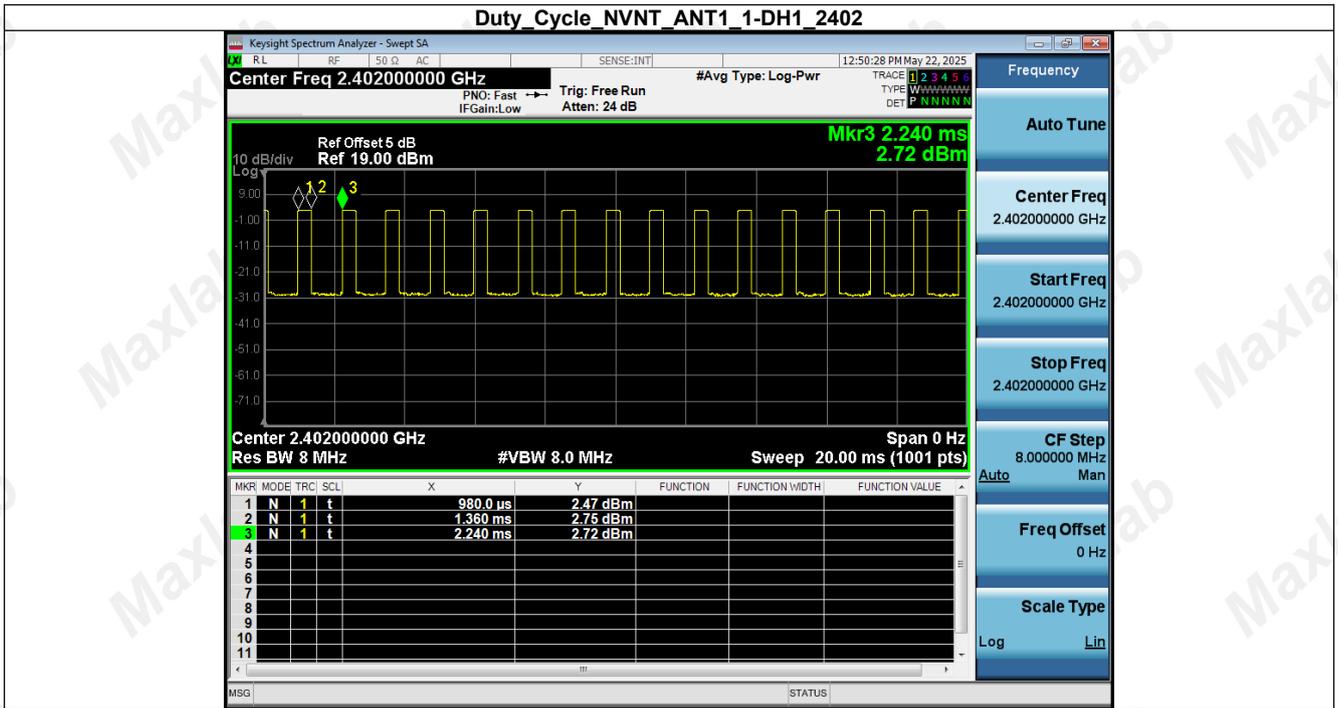
FCC_BT (Part15.247) Test Data
Report No.:MAX250513110P01-R01
FCC ID:2BPLN-SN800

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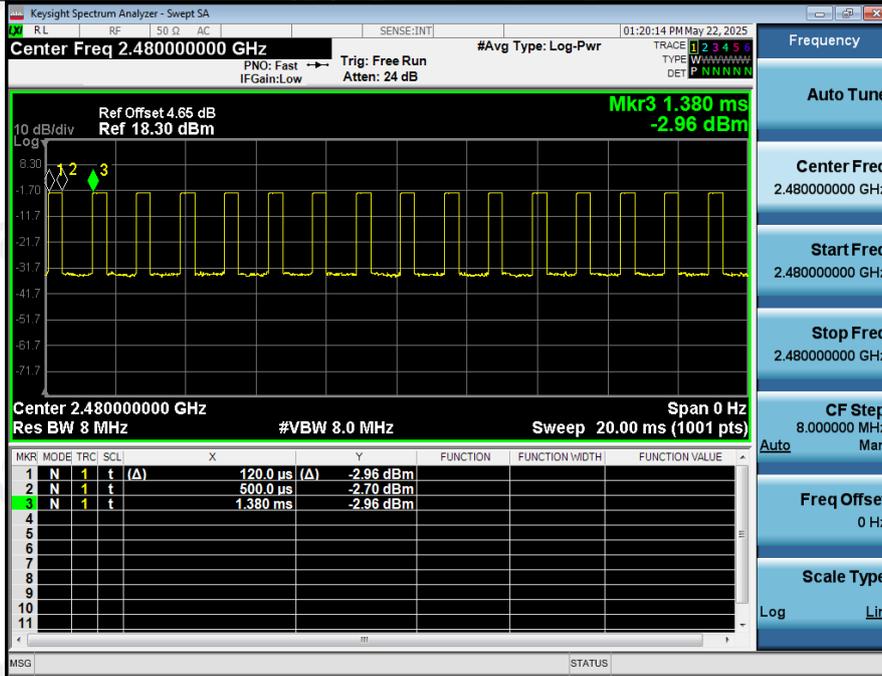
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1. Duty Cycle

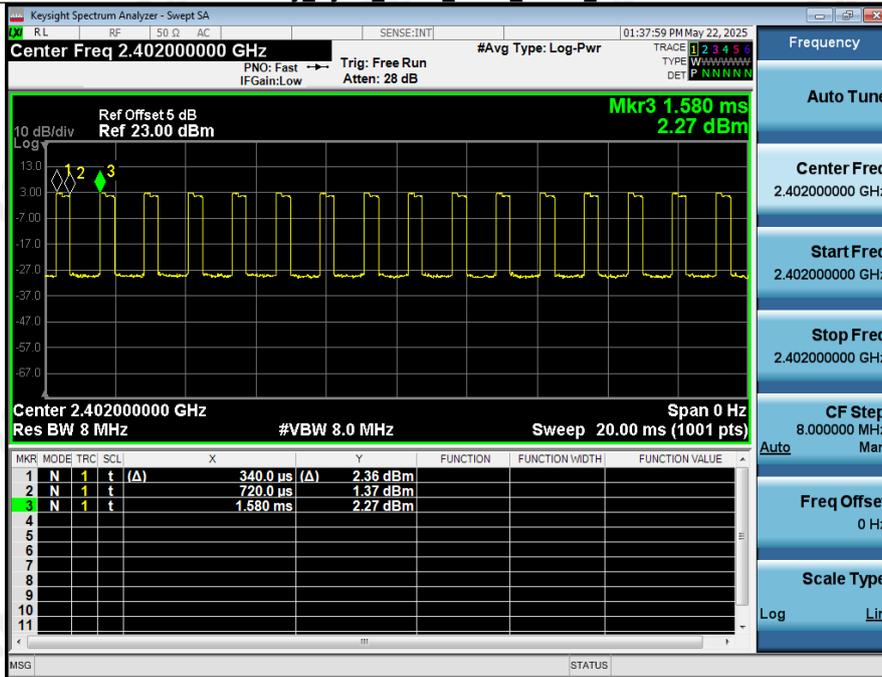
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	30.16	5.21
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	30.65	5.14
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	30.65	5.14
NVNT	ANT1	3-DH1	2402.00	30.16	5.21
NVNT	ANT1	3-DH1	2441.00	30.65	5.14
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



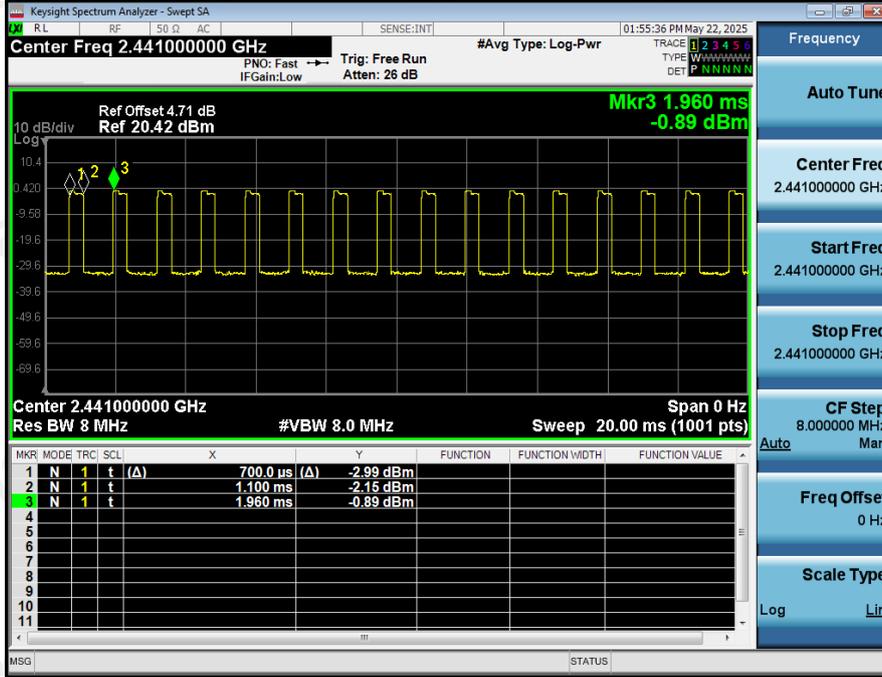
Duty Cycle_NVNT_ANT1_1-DH1_2480



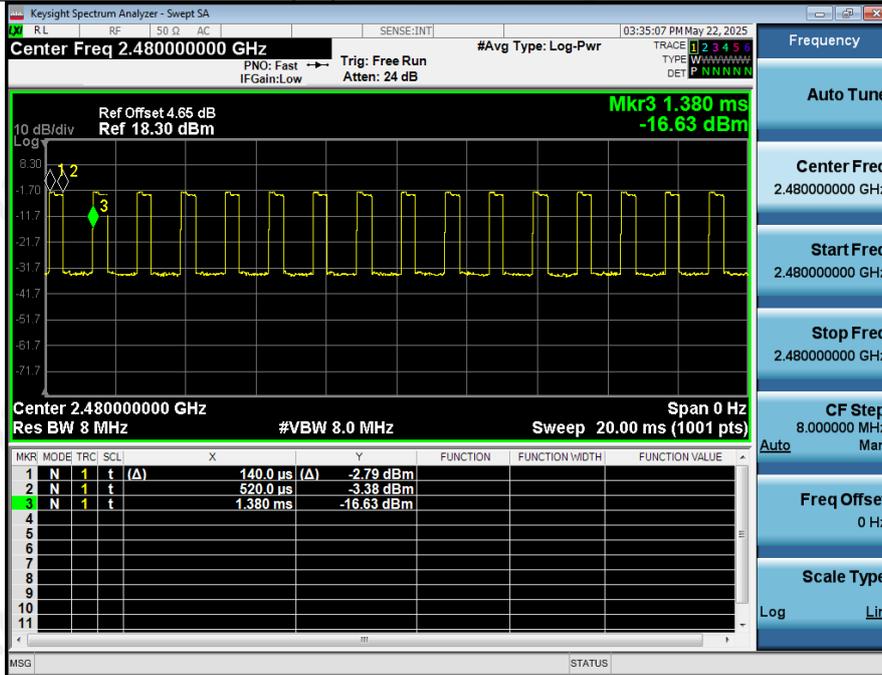
Duty Cycle_NVNT_ANT1_2-DH1_2402



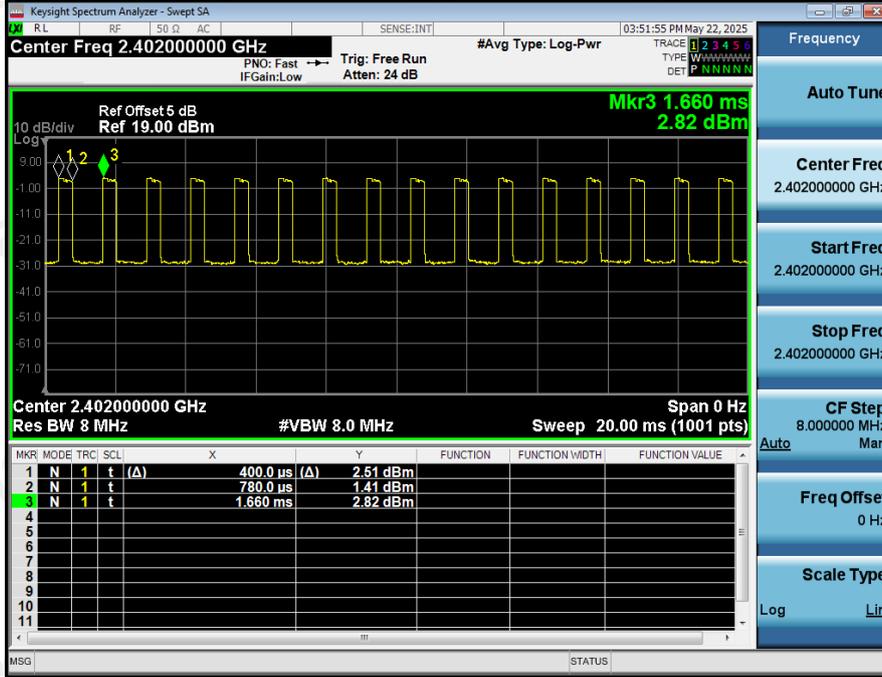
Duty Cycle_NVNT_ANT1_2-DH1_2441



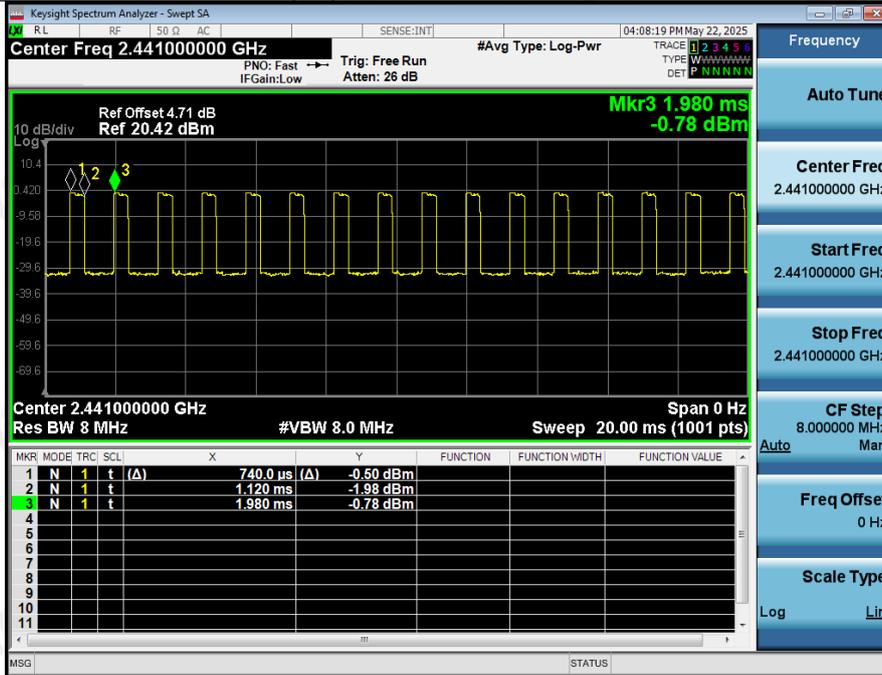
Duty Cycle_NVNT_ANT1_2-DH1_2480



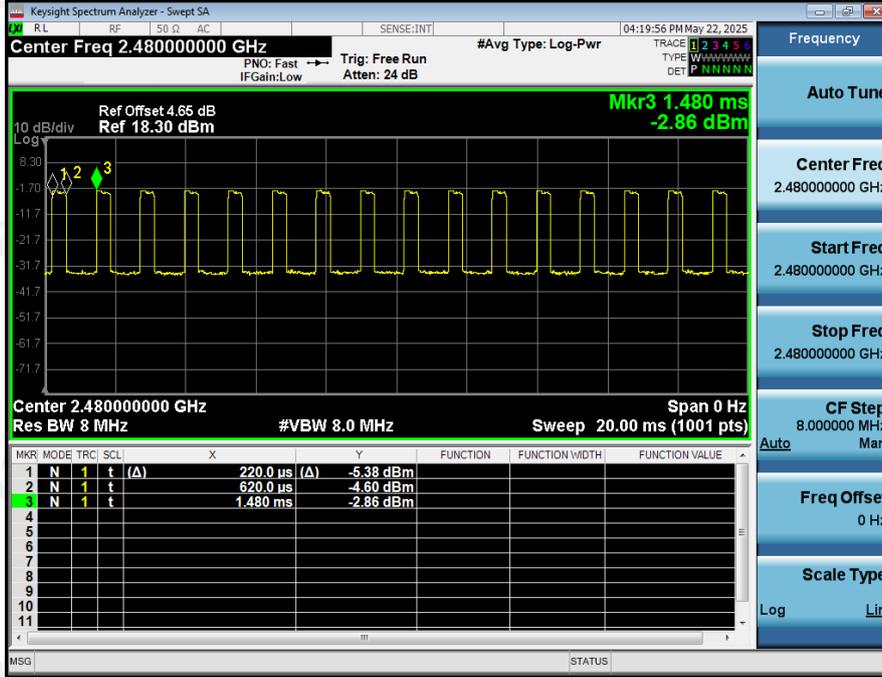
Duty Cycle_NVNT_ANT1_3-DH1_2402



Duty Cycle_NVNT_ANT1_3-DH1_2441

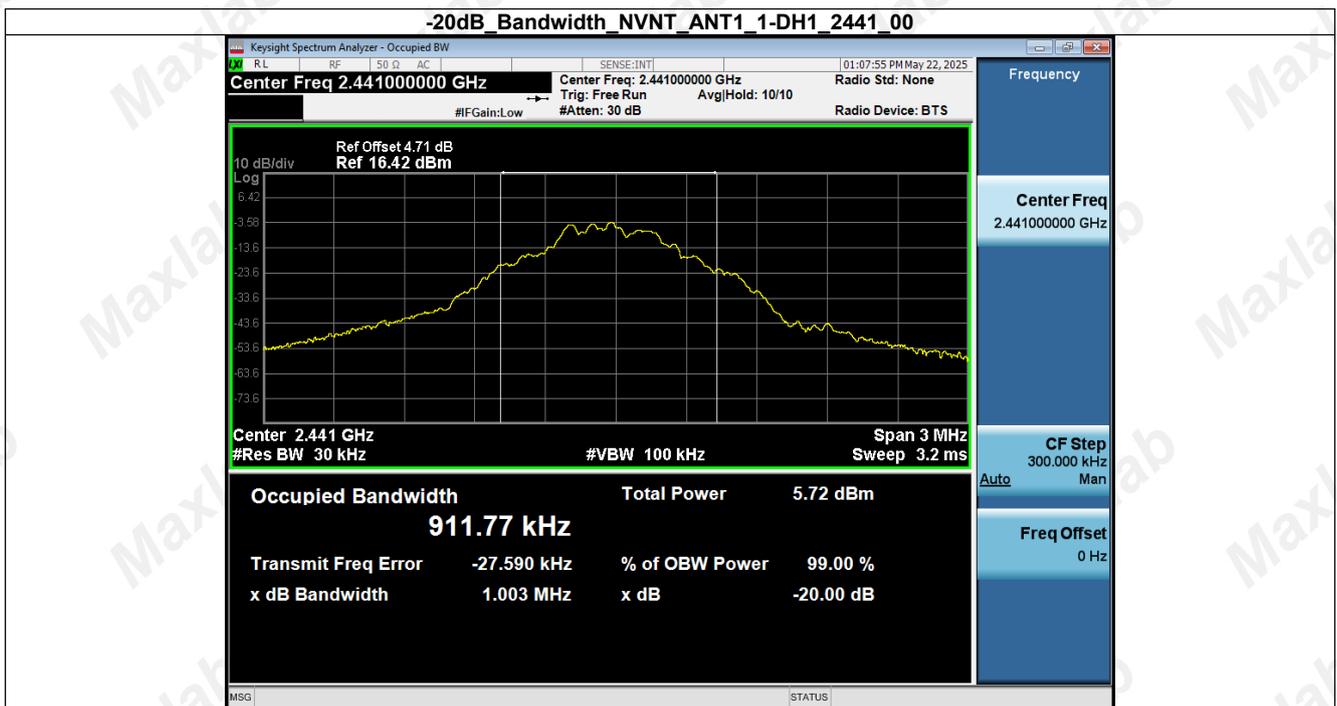


Duty Cycle_NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	1.012	Yes
NVNT	ANT1	1-DH1	2441.00	1.003	Yes
NVNT	ANT1	1-DH1	2480.00	1.000	Yes
NVNT	ANT1	2-DH1	2402.00	1.286	Yes
NVNT	ANT1	2-DH1	2441.00	1.287	Yes
NVNT	ANT1	2-DH1	2480.00	1.288	Yes
NVNT	ANT1	3-DH1	2402.00	1.276	Yes
NVNT	ANT1	3-DH1	2441.00	1.280	Yes
NVNT	ANT1	3-DH1	2480.00	1.272	Yes



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



-20dB Bandwidth_NVNT_ANT1_2-DH1_2441_00



-20dB Bandwidth_NVNT_ANT1_2-DH1_2480_00



-20dB Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB Bandwidth_NVNT_ANT1_3-DH1_2441_00

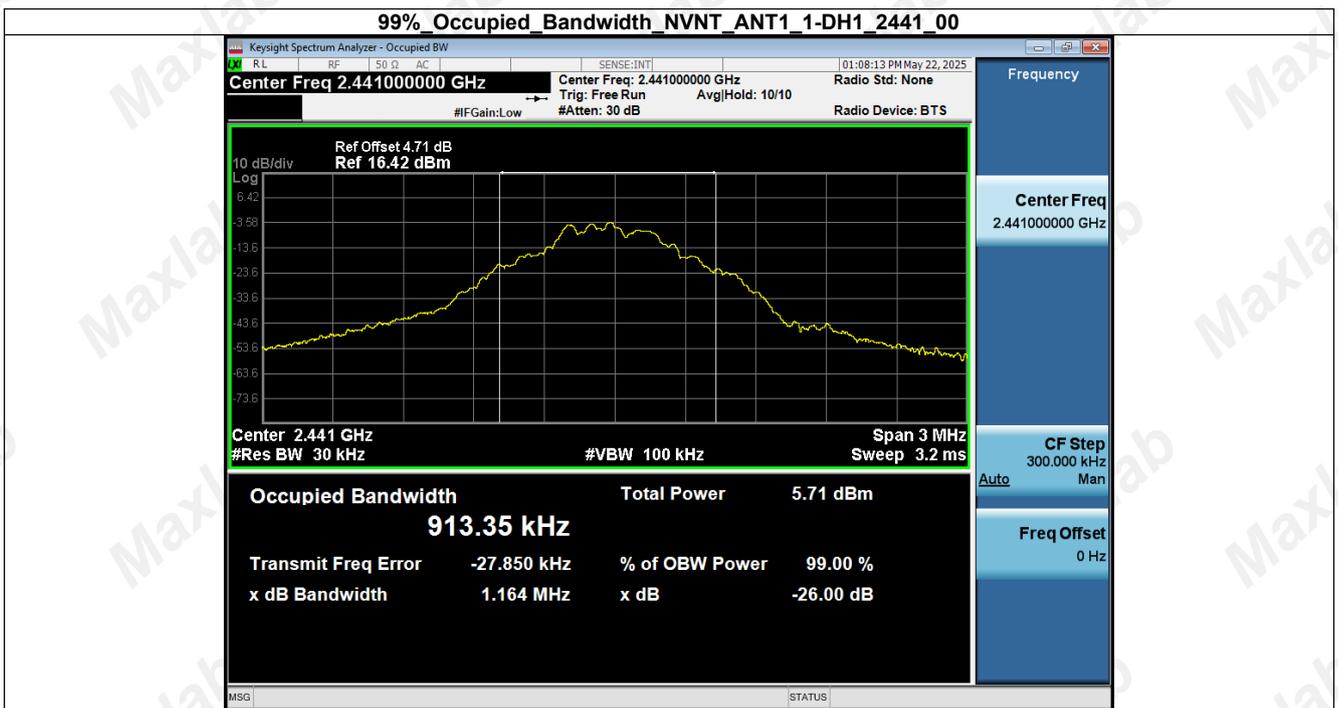
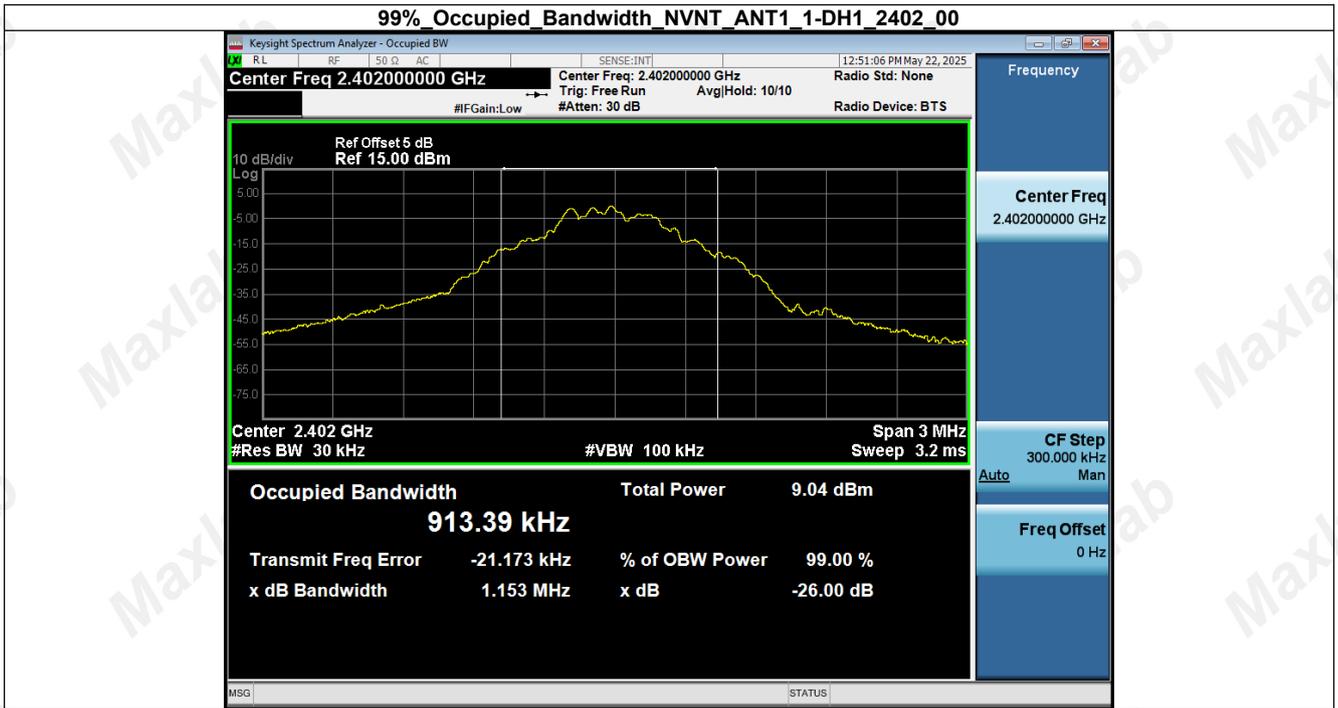


-20dB Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.913
NVNT	ANT1	1-DH1	2441.00	0.913
NVNT	ANT1	1-DH1	2480.00	0.913
NVNT	ANT1	2-DH1	2402.00	1.186
NVNT	ANT1	2-DH1	2441.00	1.187
NVNT	ANT1	2-DH1	2480.00	1.187
NVNT	ANT1	3-DH1	2402.00	1.174
NVNT	ANT1	3-DH1	2441.00	1.176
NVNT	ANT1	3-DH1	2480.00	1.177



99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00

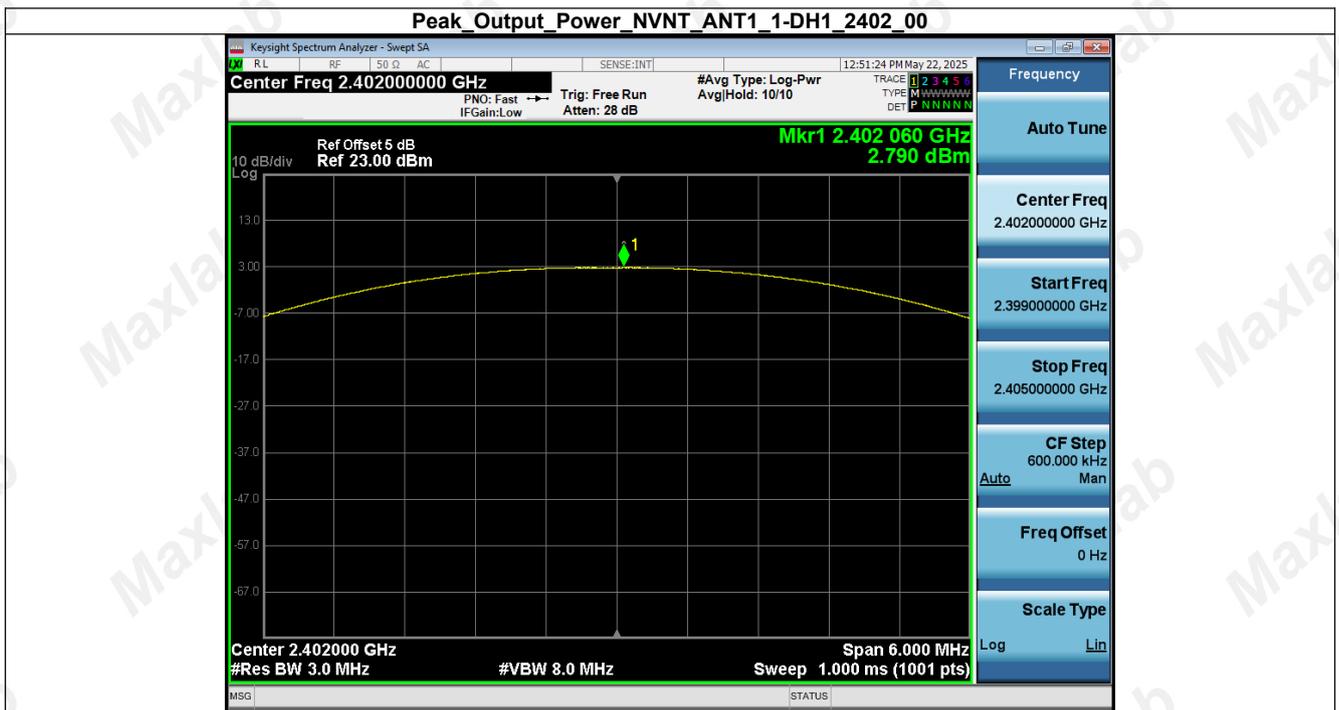


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	2.79	1.90	125	Pass
NVNT	ANT1	1-DH1	2441.00	-0.51	0.89	125	Pass
NVNT	ANT1	1-DH1	2480.00	-2.60	0.55	125	Pass
NVNT	ANT1	2-DH1	2402.00	2.68	1.85	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.50	0.89	125	Pass
NVNT	ANT1	2-DH1	2480.00	-2.44	0.57	125	Pass
NVNT	ANT1	3-DH1	2402.00	2.87	1.94	125	Pass
NVNT	ANT1	3-DH1	2441.00	-0.35	0.92	125	Pass
NVNT	ANT1	3-DH1	2480.00	-2.52	0.56	125	Pass



Peak Output Power_NVNT_ANT1_1-DH1_2480_00



Peak Output Power_NVNT_ANT1_2-DH1_2402_00



Peak Output Power NVNT_ANT1_2-DH1_2441_00



Peak Output Power NVNT_ANT1_2-DH1_2480_00



Peak Output Power_NVNT_ANT1_3-DH1_2402_00



Peak Output Power_NVNT_ANT1_3-DH1_2441_00

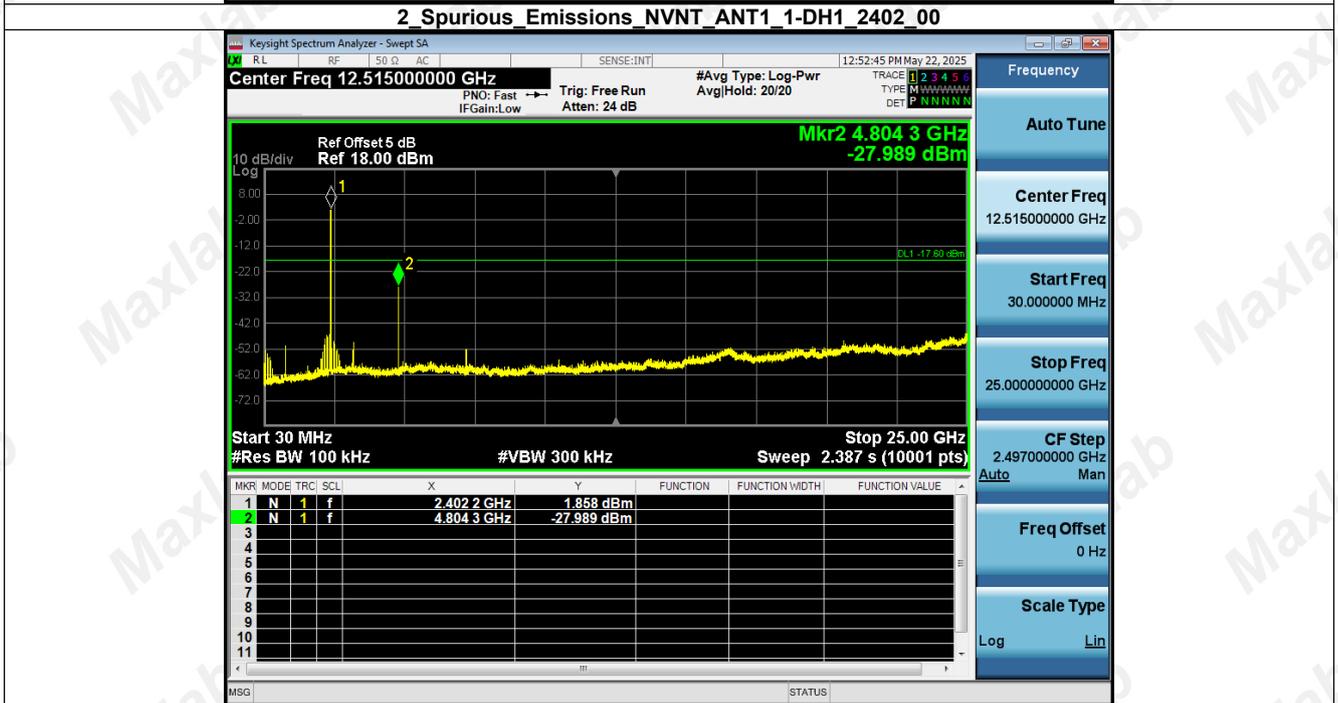


Peak Output Power_NVNT_ANT1_3-DH1_2480_00



5. Spurious Emissions

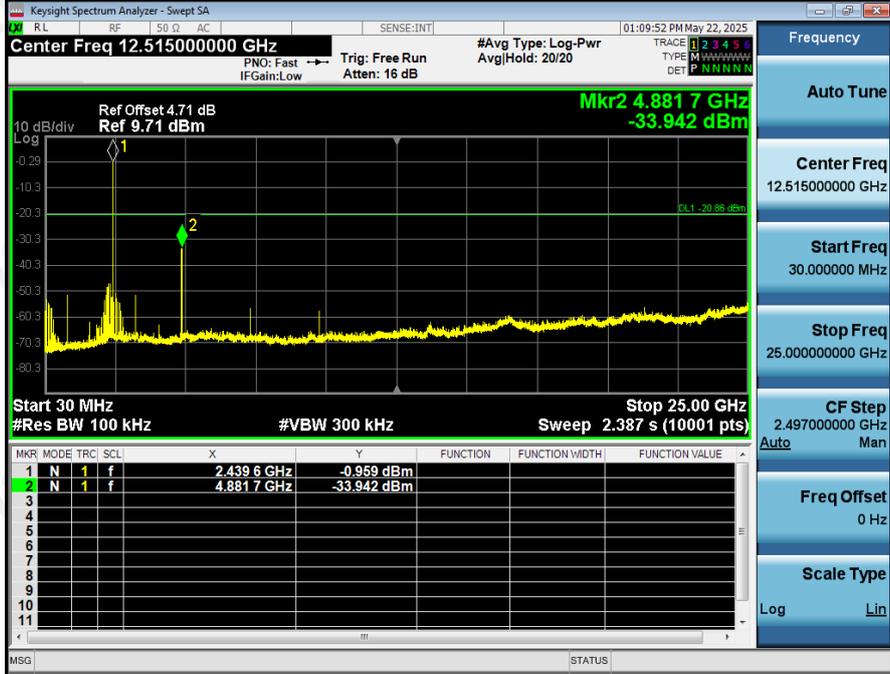
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	2.401	-27.989	-17.599	Pass
NVNT	ANT1	1-DH1	2441.00	-0.858	-33.942	-20.858	Pass
NVNT	ANT1	1-DH1	2480.00	-2.907	-38.958	-22.907	Pass
NVNT	ANT1	2-DH1	2402.00	2.296	-30.523	-17.704	Pass
NVNT	ANT1	2-DH1	2441.00	-0.850	-39.289	-20.850	Pass
NVNT	ANT1	2-DH1	2480.00	-2.734	-47.586	-22.734	Pass
NVNT	ANT1	3-DH1	2402.00	2.512	-33.333	-17.488	Pass
NVNT	ANT1	3-DH1	2441.00	-0.697	-38.909	-20.697	Pass
NVNT	ANT1	3-DH1	2480.00	-2.847	-41.906	-22.847	Pass



1 Reference Level_NVNT_ANT1_1-DH1_2441_00



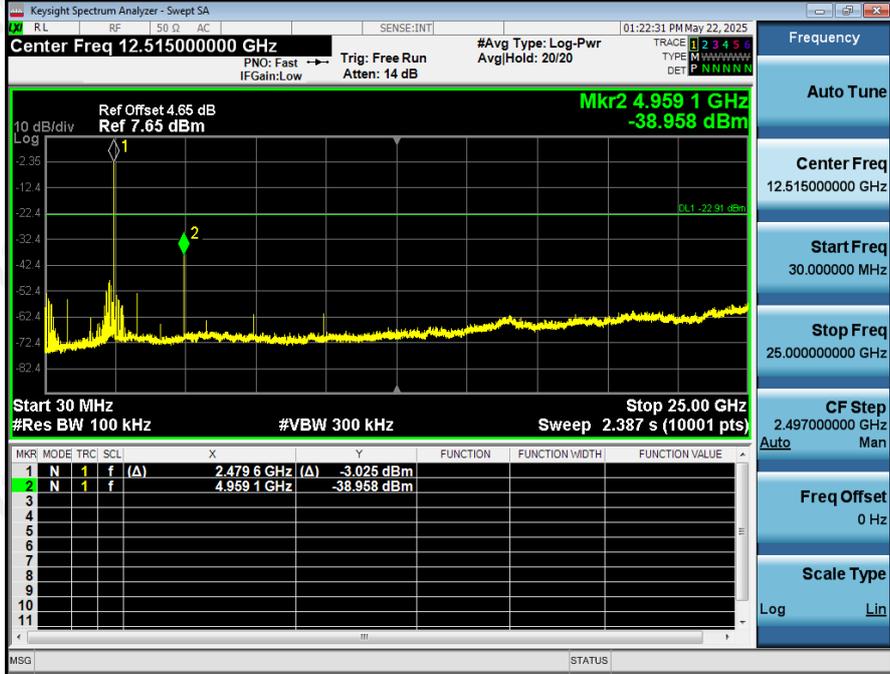
2 Spurious Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference Level_NVNT_ANT1_1-DH1_2480_00



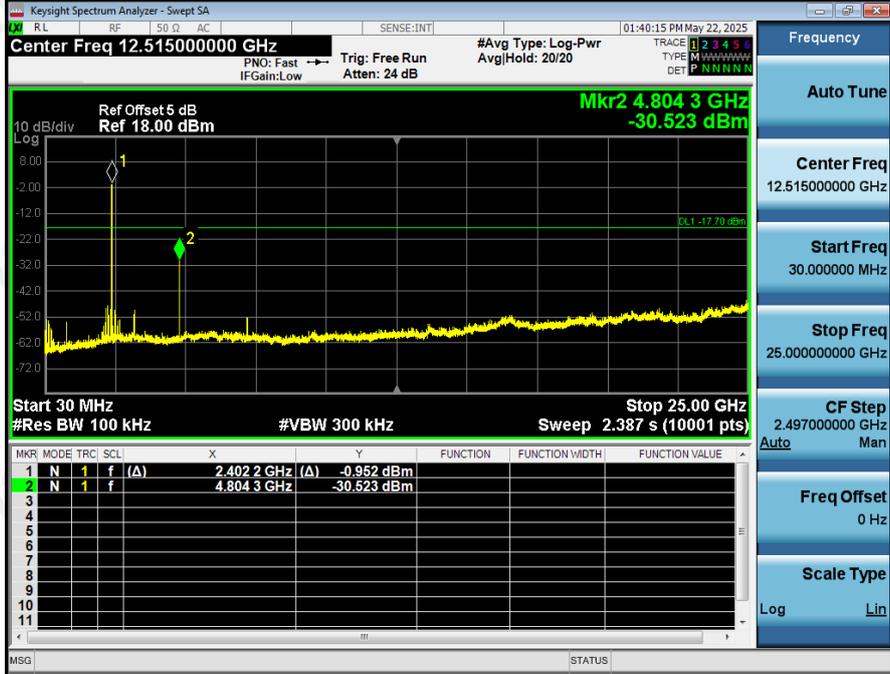
2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference Level_NVNT_ANT1_2-DH1_2402_00



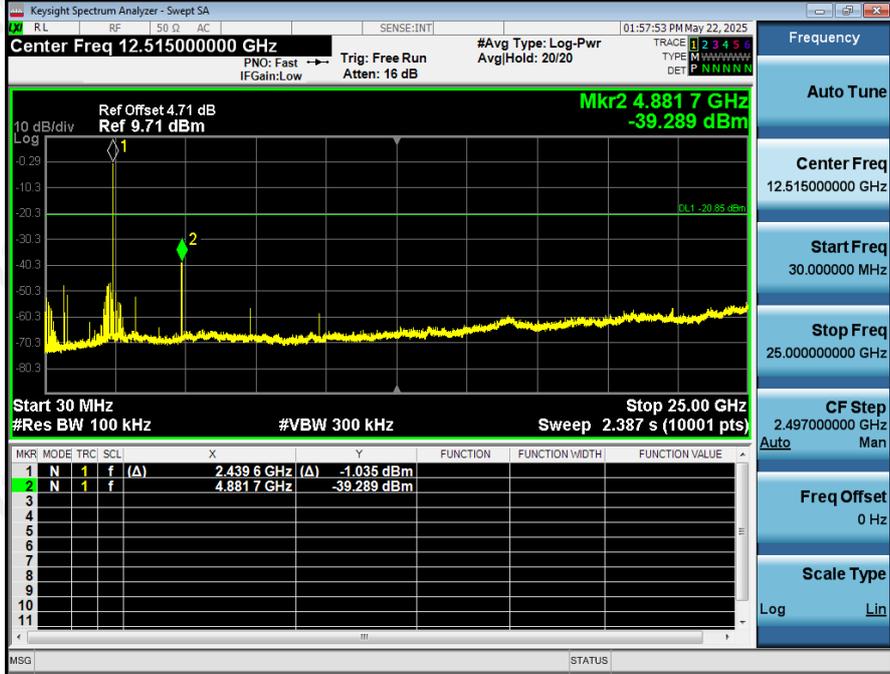
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1 Reference Level_NVNT_ANT1_2-DH1_2441_00



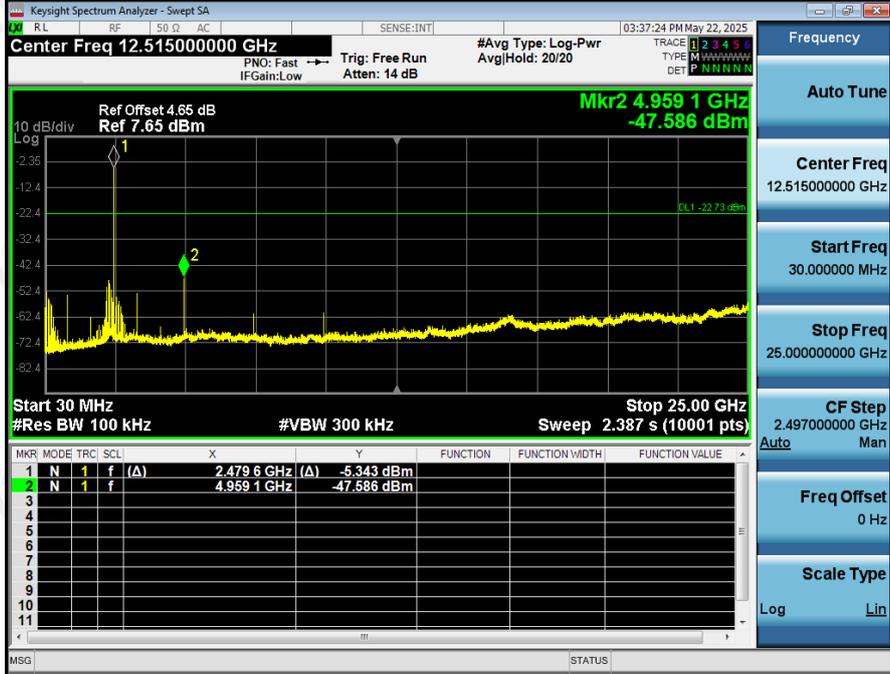
2 Spurious Emissions_NVNT_ANT1_2-DH1_2441_00



1 Reference Level_NVNT_ANT1_2-DH1_2480_00



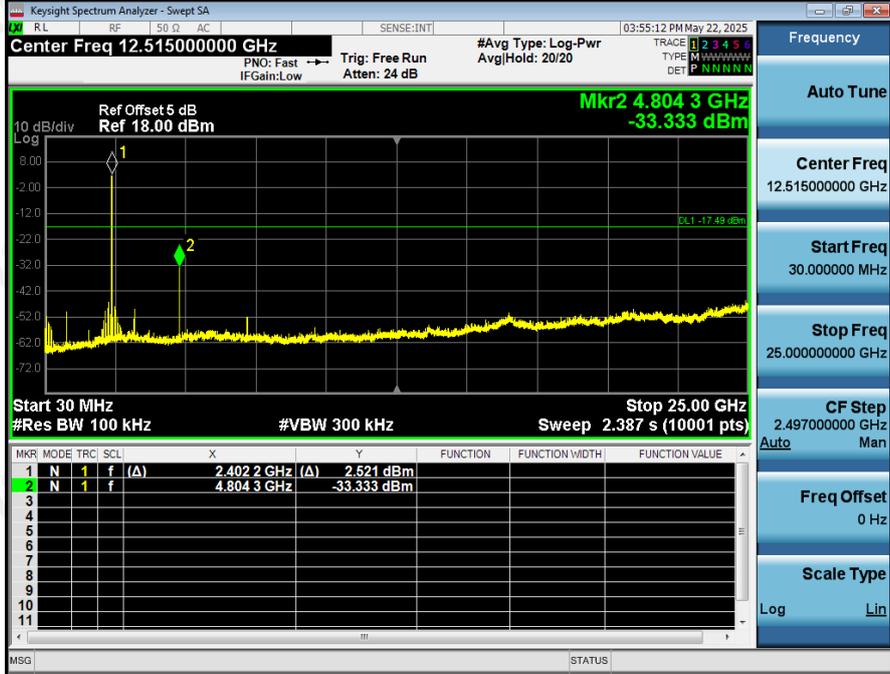
2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



1 Reference Level_NVNT_ANT1_3-DH1_2402_00



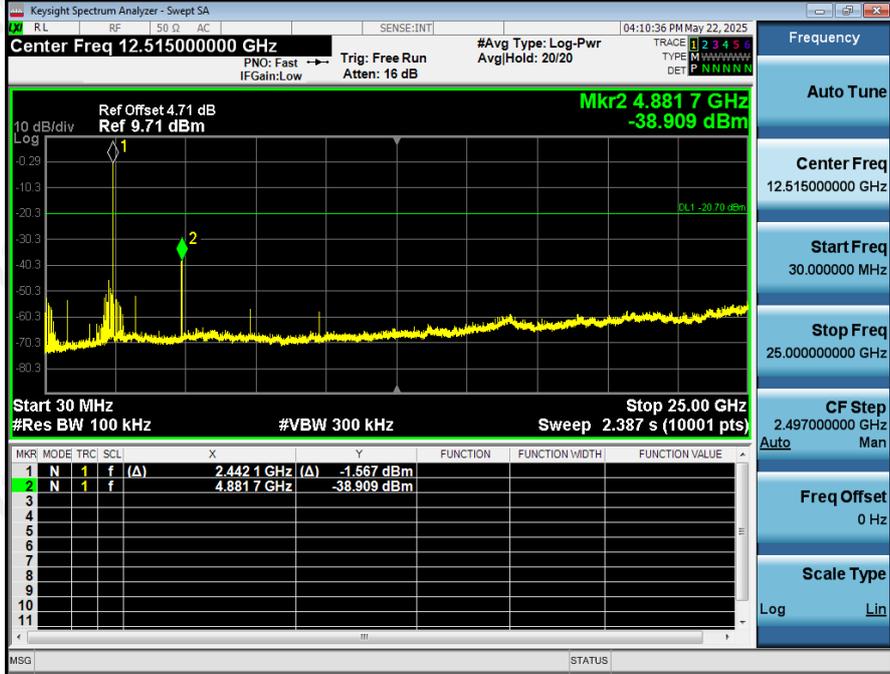
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



1 Reference Level_NVNT_ANT1_3-DH1_2441_00



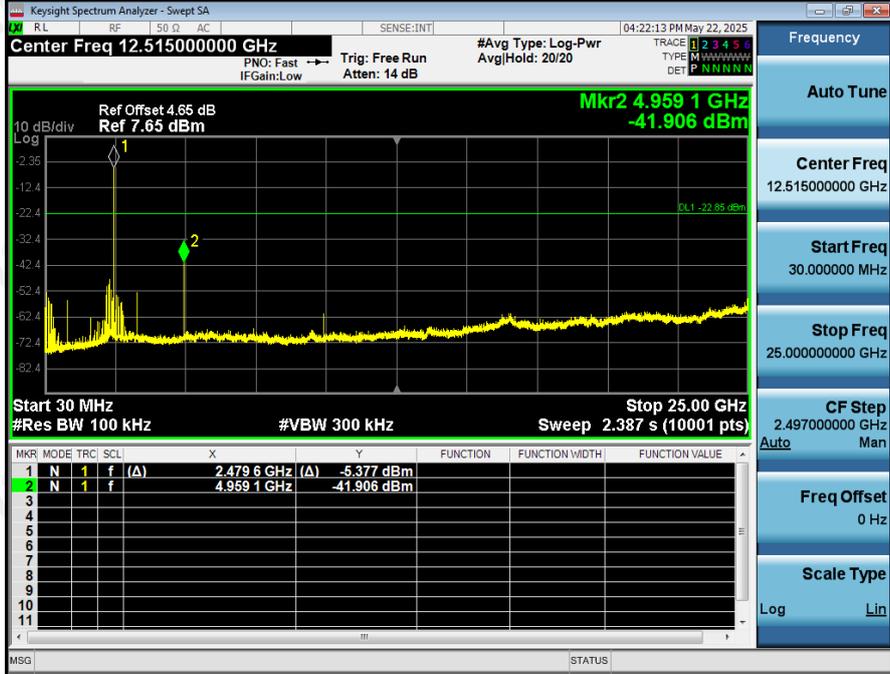
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference Level_NVNT_ANT1_3-DH1_2480_00



2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



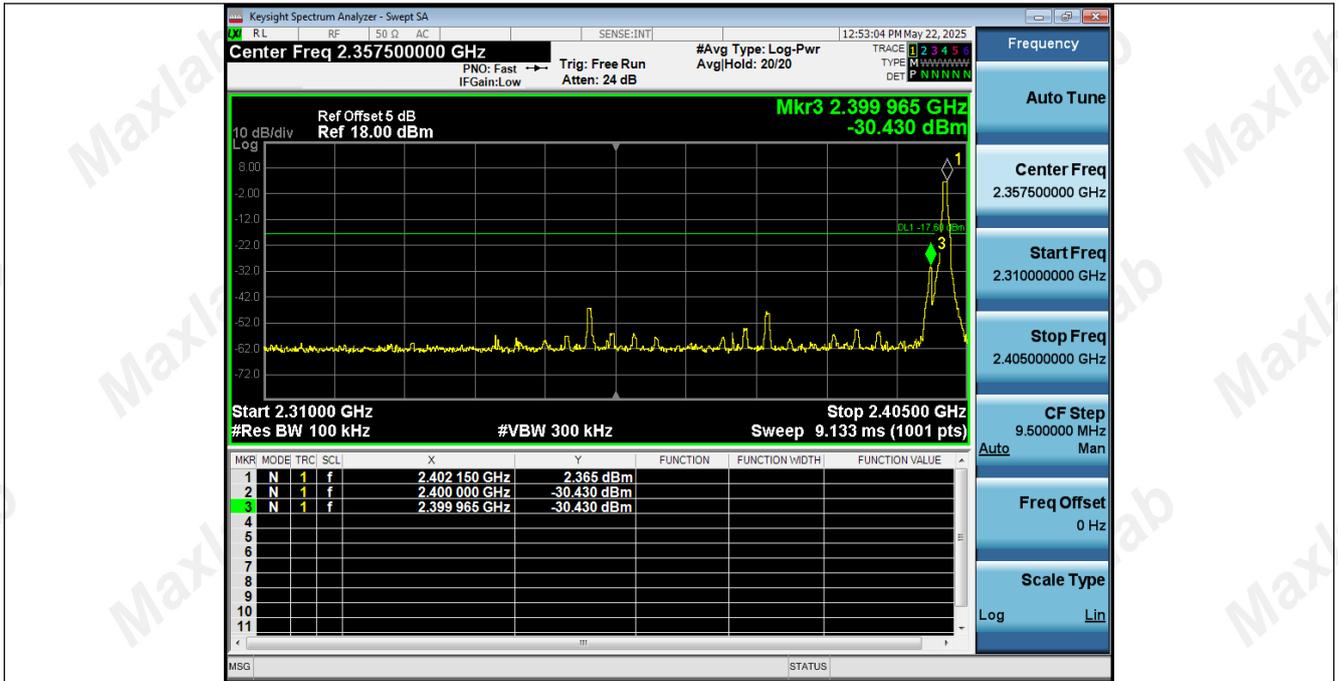
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	2.401	-30.430	-17.599	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	2.363	-30.546	-17.637	Pass
NVNT	ANT1	1-DH1	2480.00	-2.907	-63.333	-22.907	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	2.107	-47.405	-17.893	Pass
NVNT	ANT1	2-DH1	2402.00	2.296	-30.885	-17.704	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	2.344	-30.969	-17.656	Pass
NVNT	ANT1	2-DH1	2480.00	-2.734	-63.517	-22.734	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	2.230	-47.900	-17.770	Pass
NVNT	ANT1	3-DH1	2402.00	2.512	-30.195	-17.488	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	2.594	-30.273	-17.406	Pass
NVNT	ANT1	3-DH1	2480.00	-2.847	-63.274	-22.847	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	2.217	-46.775	-17.783	Pass

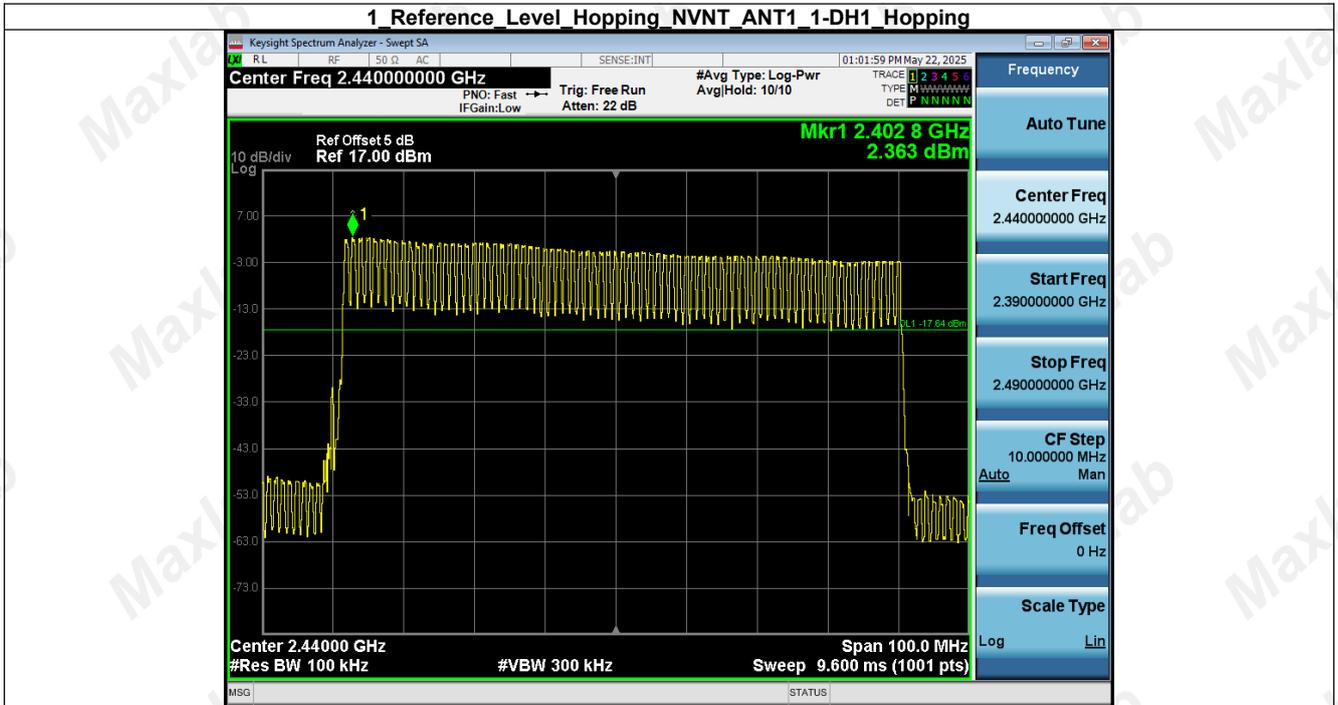
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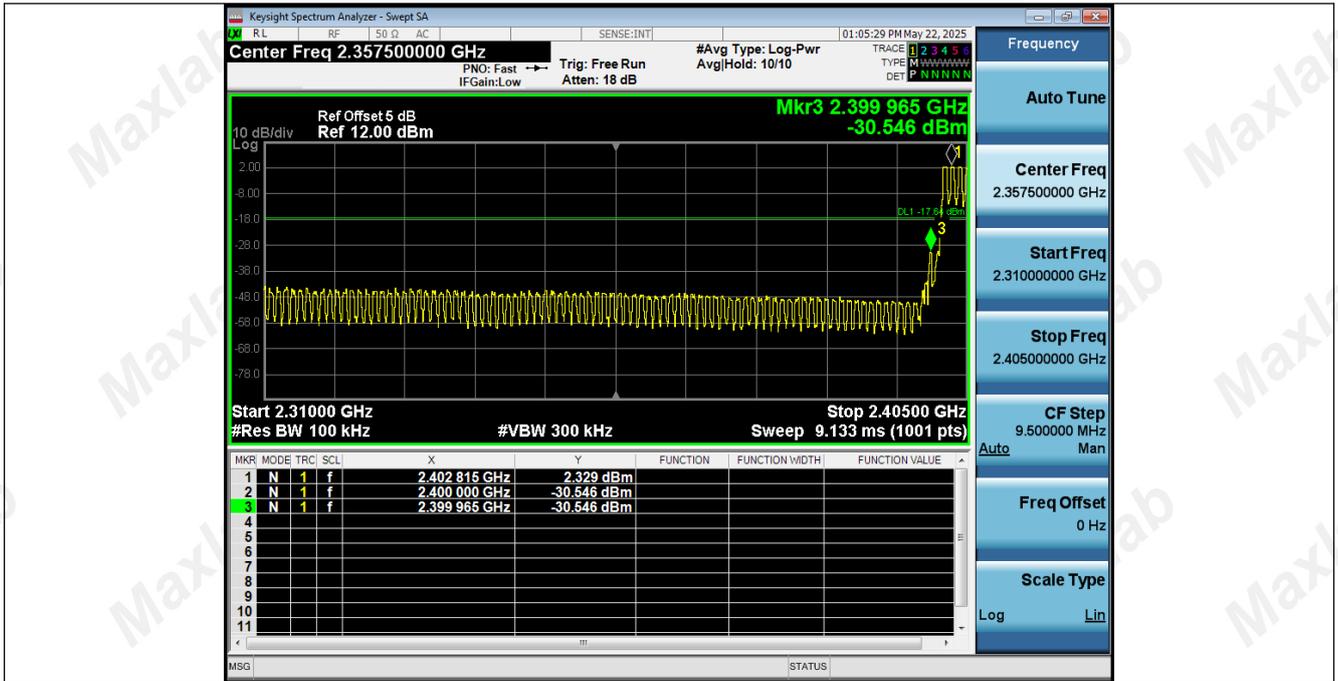
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1 Reference Level Hopping NVNT ANT1 1-DH1 Hopping



2 Band Edge (Hopping) NVNT ANT1 1-DH1 Hopping



1 Reference Level NVNT ANT1 1-DH1 2480 00



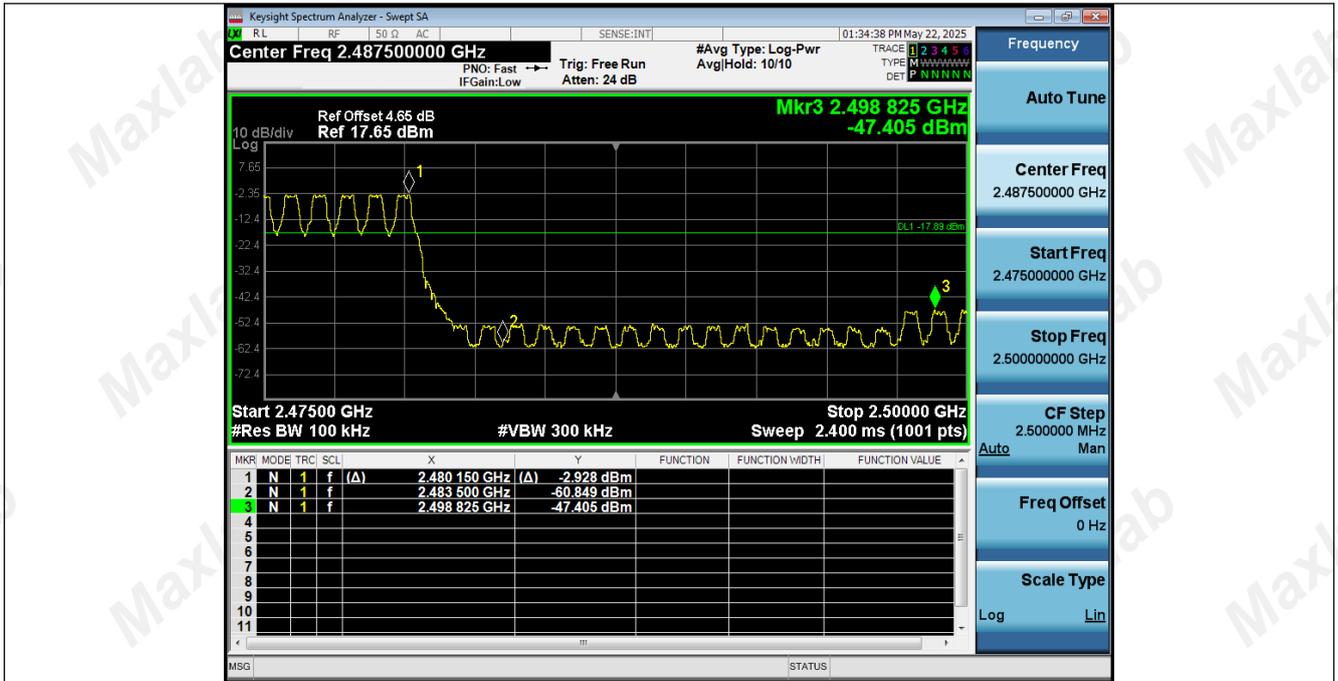
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1 Reference Level Hopping NVNT ANT1 1-DH1 Hopping



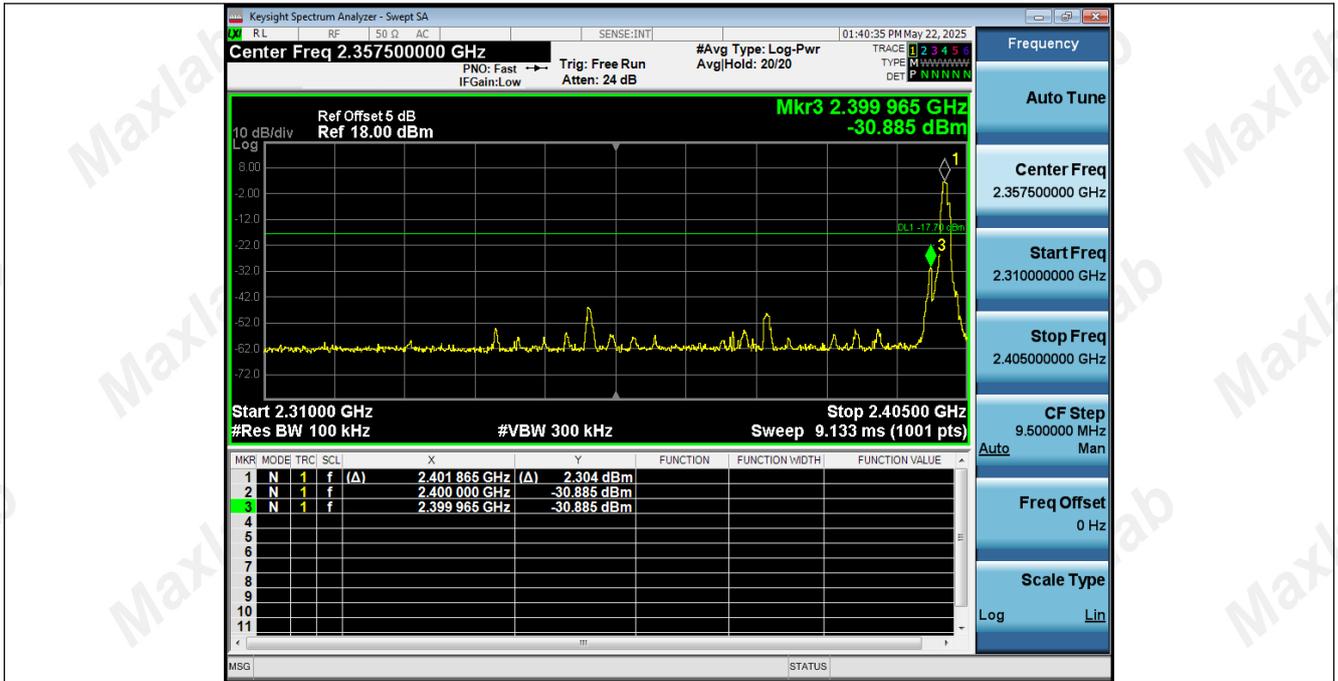
2 Band Edge (Hopping) NVNT ANT1 1-DH1 Hopping



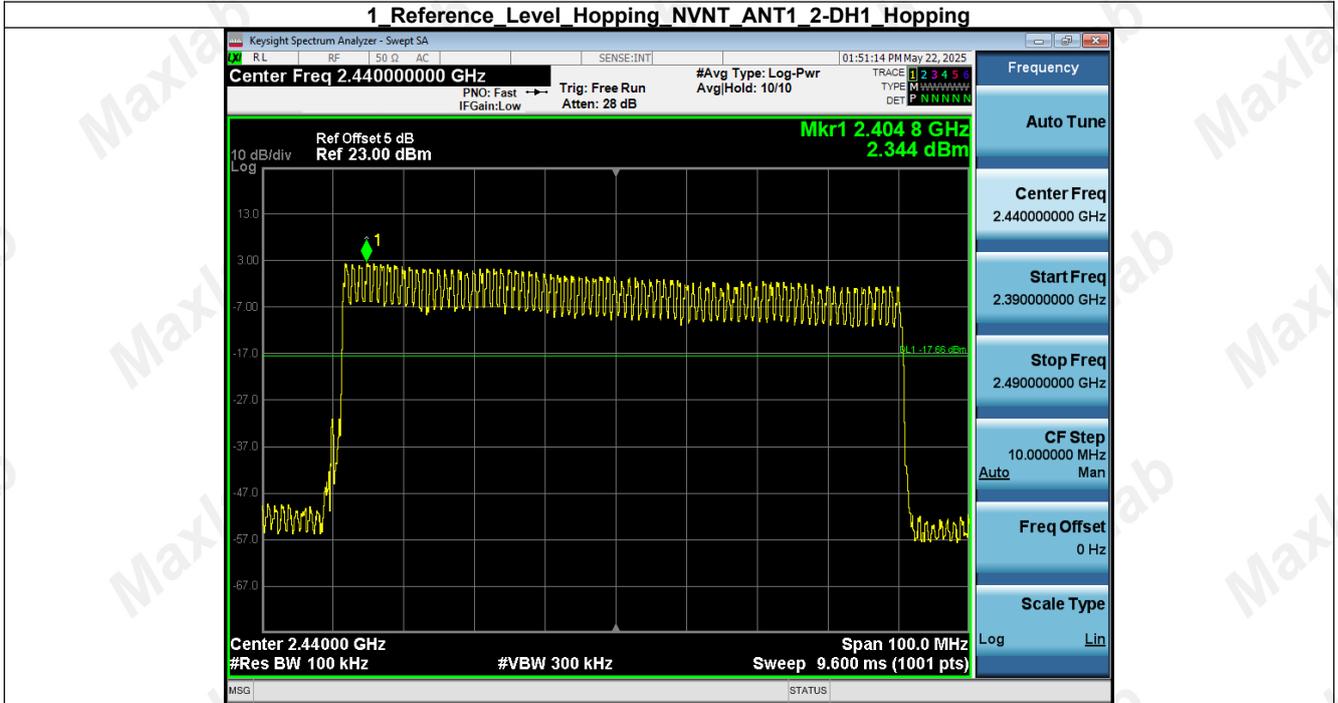
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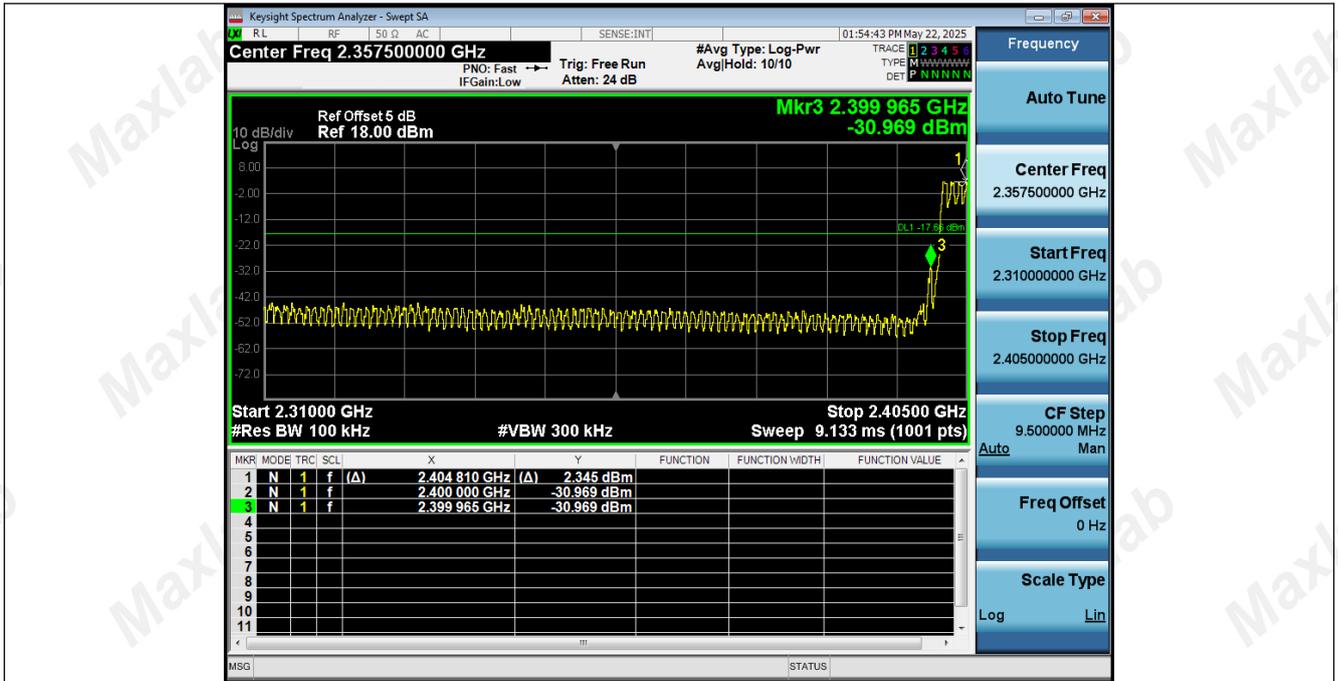
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1 Reference Level Hopping NVNT ANT1 2-DH1 Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



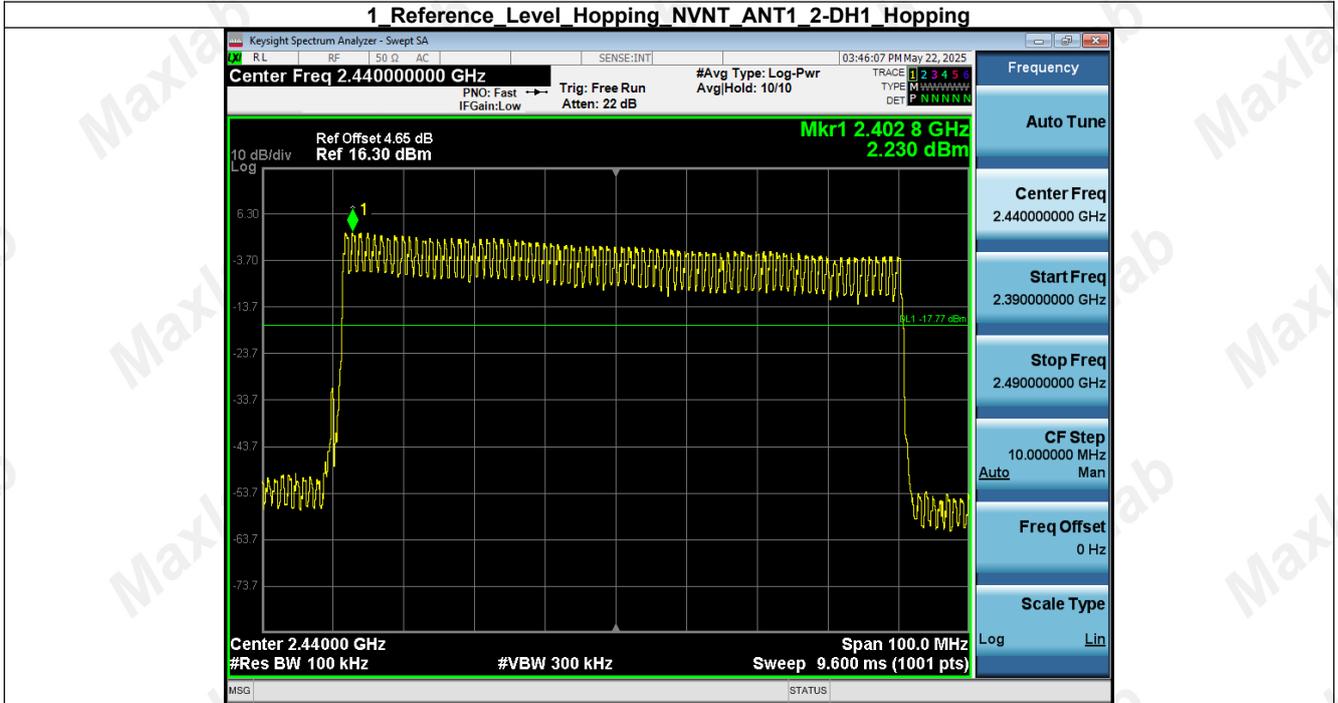
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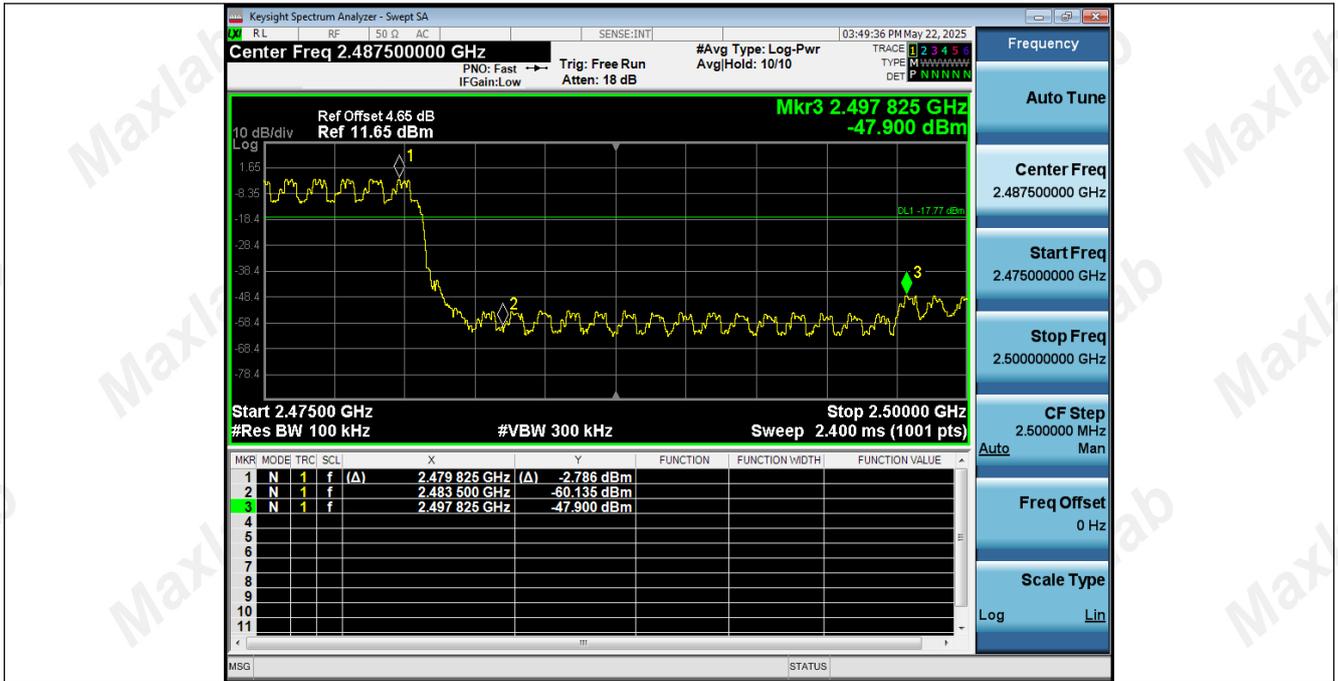
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1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



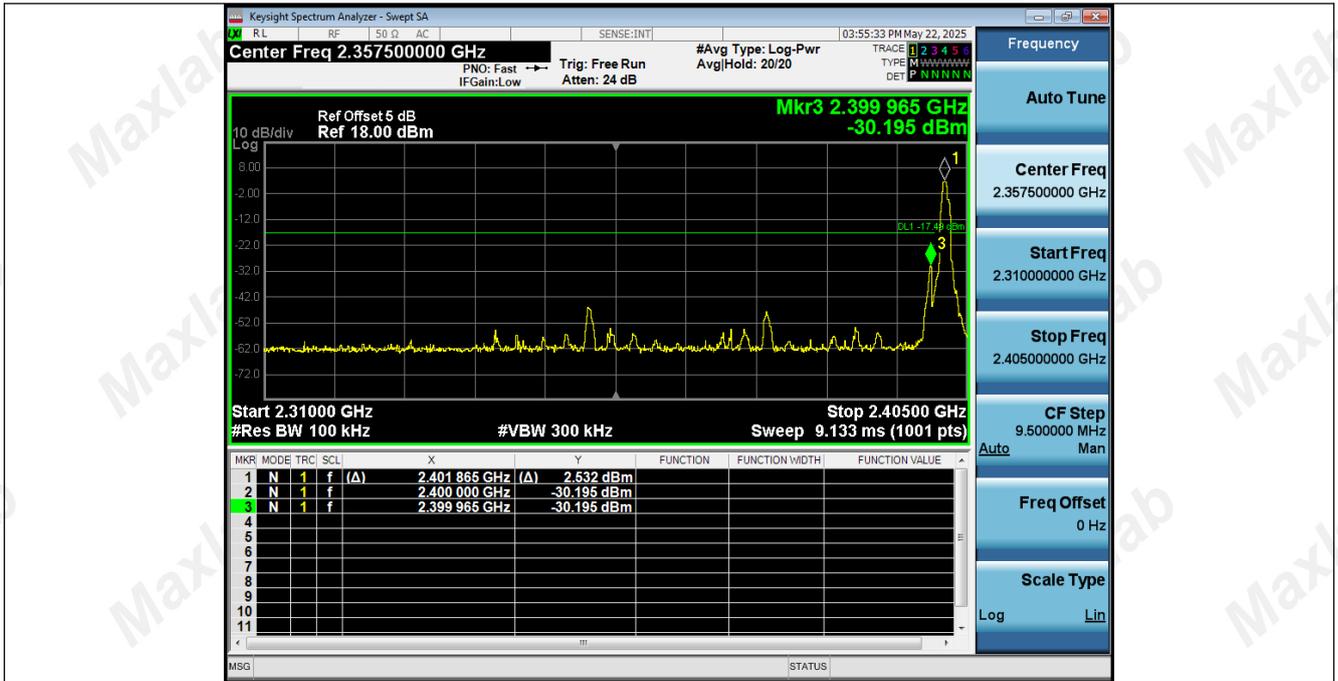
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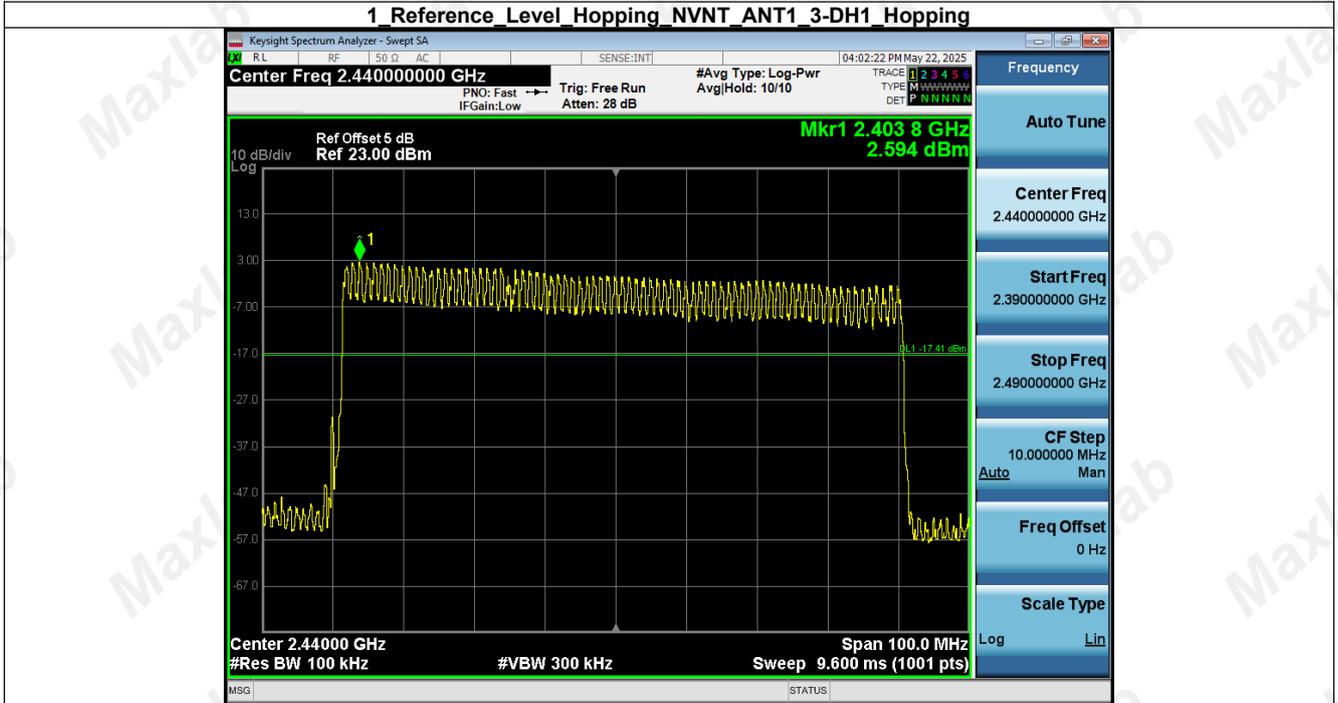
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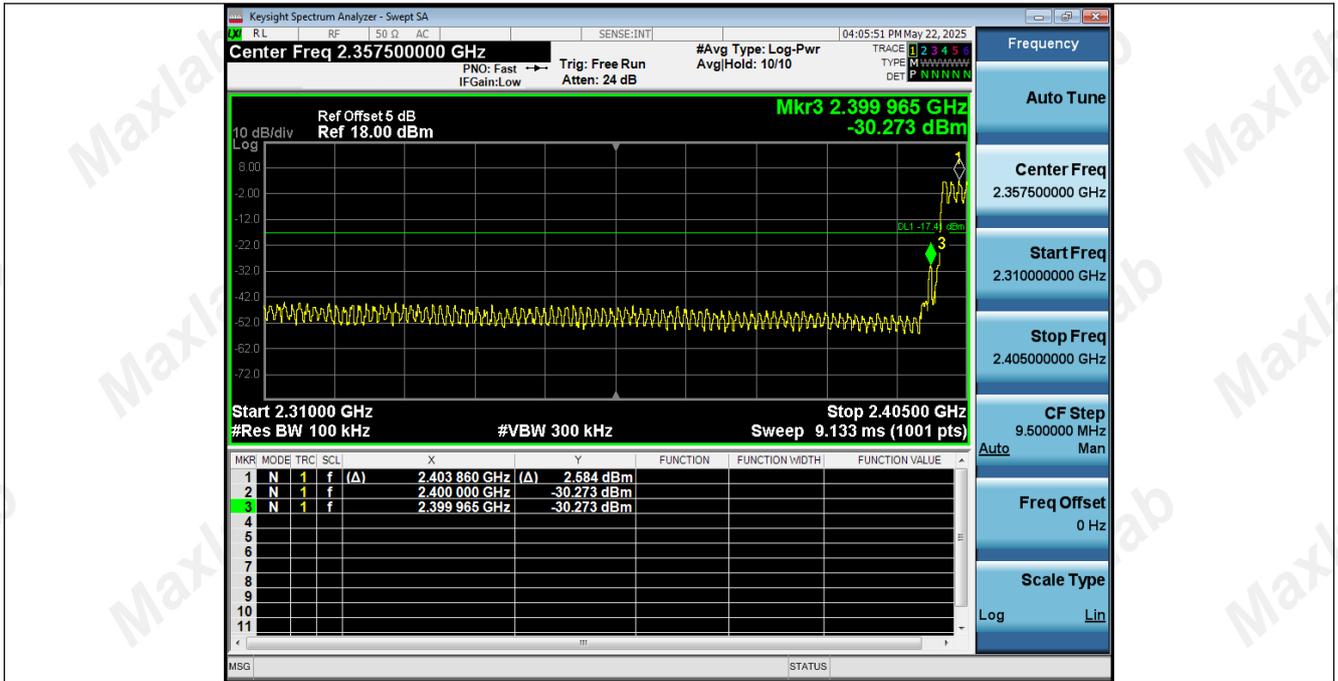
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1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



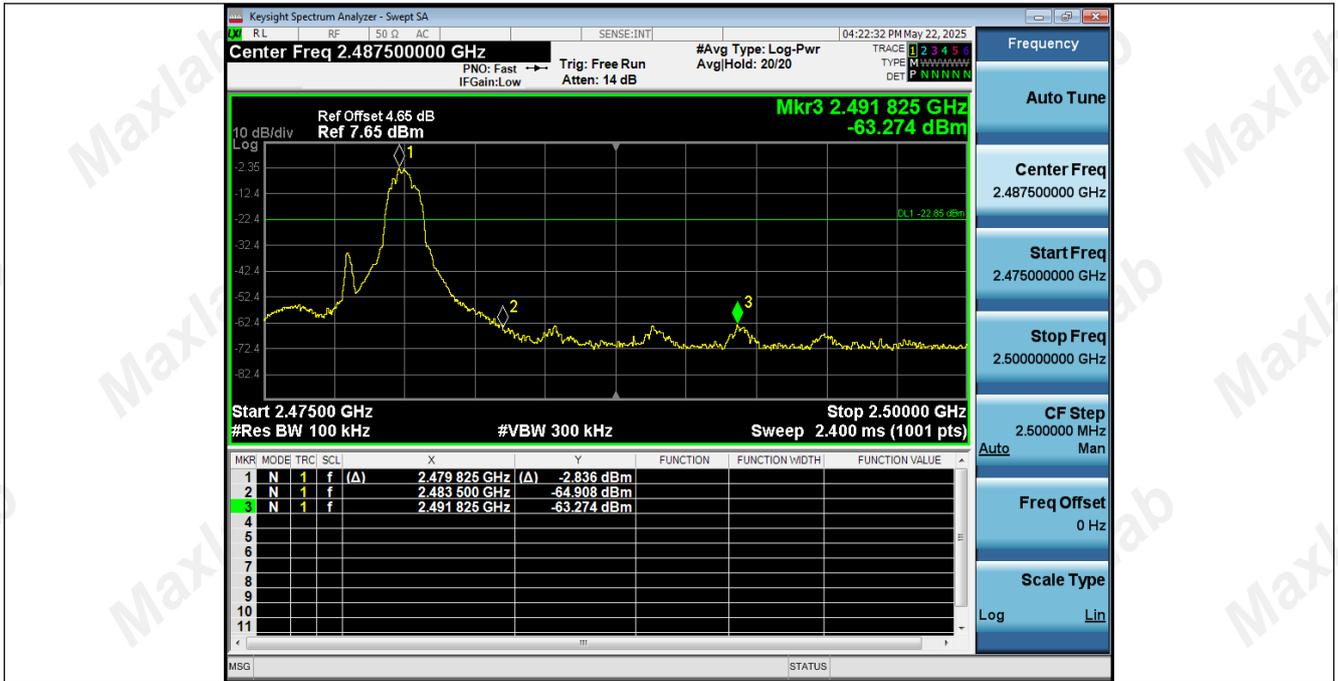
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



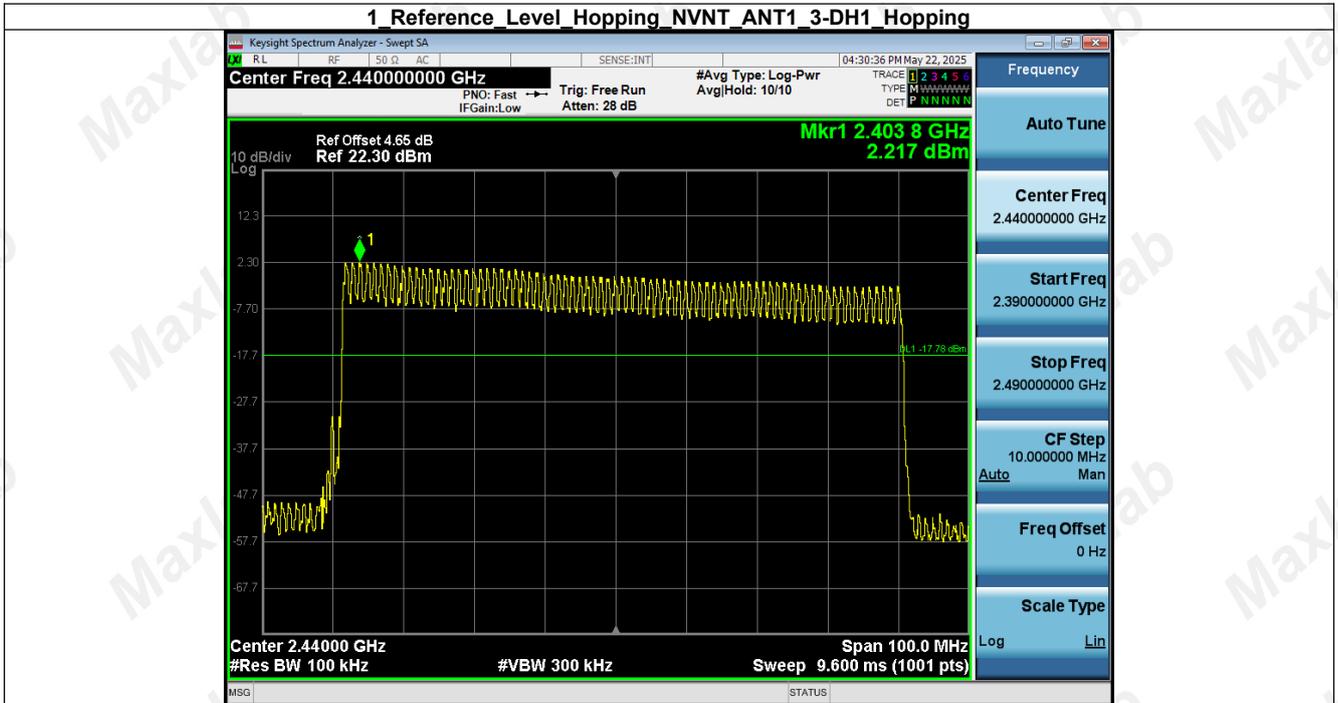
1 Reference Level NVNT ANT1 3-DH1 2480 00



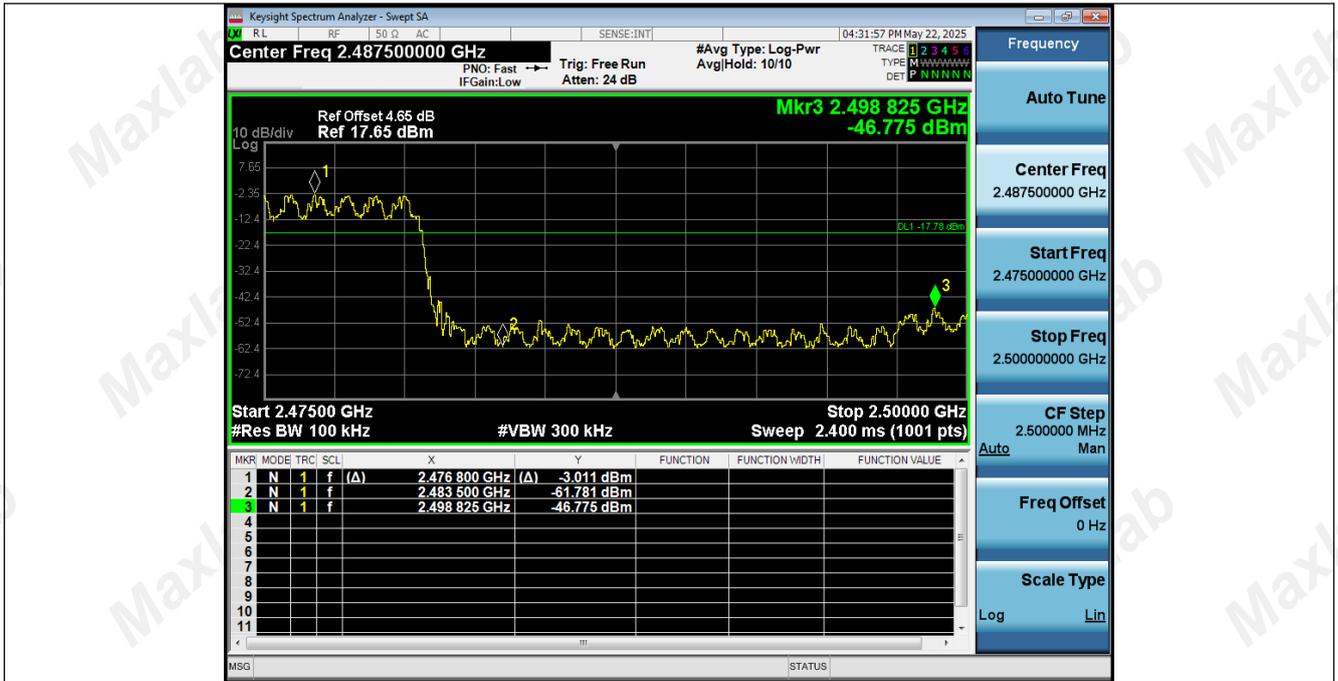
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



7. Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2401.807	2403.157	1.35	0.675	Pass
NVNT	ANT1	1-DH1	2441.00	2440.807	2441.800	0.99	0.669	Pass
NVNT	ANT1	1-DH1	2480.00	2479.182	2480.187	1.05	0.667	Pass
NVNT	ANT1	2-DH1	2402.00	2401.807	2402.806	1.00	0.857	Pass
NVNT	ANT1	2-DH1	2441.00	2440.798	2441.803	1.00	0.858	Pass
NVNT	ANT1	2-DH1	2480.00	2478.801	2480.136	1.33	0.859	Pass
NVNT	ANT1	3-DH1	2402.00	2401.864	2402.866	1.00	0.851	Pass
NVNT	ANT1	3-DH1	2441.00	2440.798	2441.809	1.01	0.853	Pass
NVNT	ANT1	3-DH1	2480.00	2478.798	2479.809	1.01	0.848	Pass



Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1_Hopping



Carrier Frequencies Separation (Hopping) NVNT ANT1 1-DH1_Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1_Hopping



Carrier Frequencies Separation (Hopping) NVNT ANT1 2-DH1_Hopping



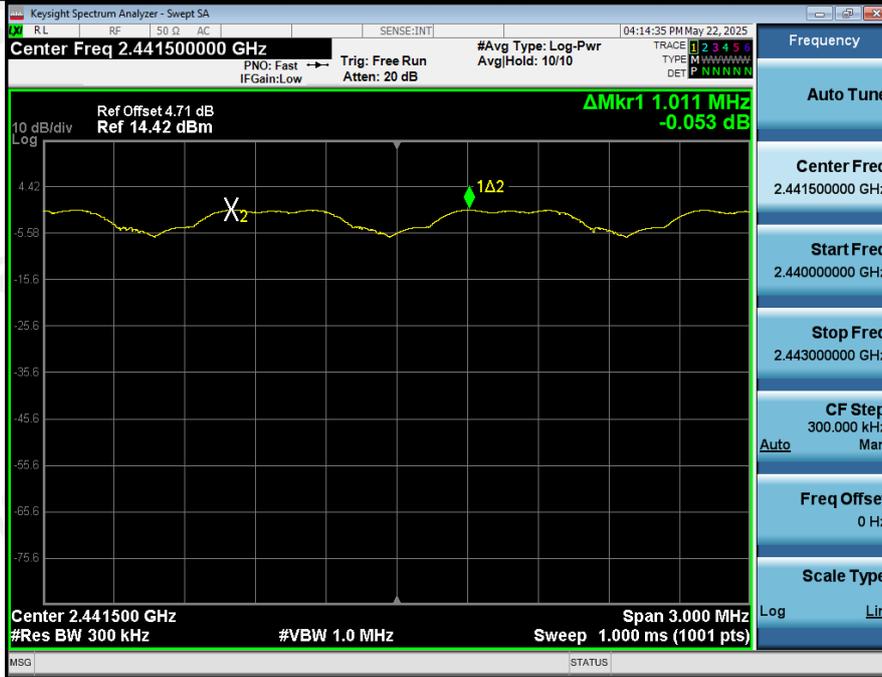
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1_Hopping

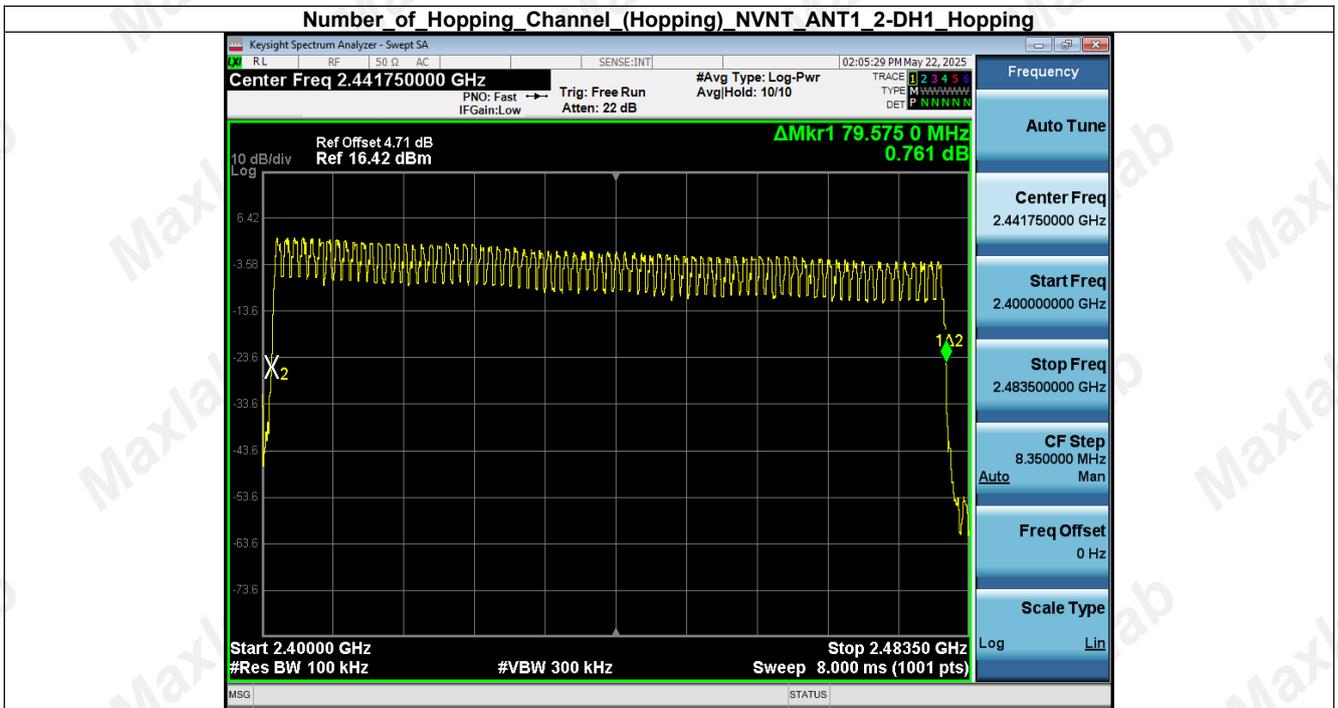
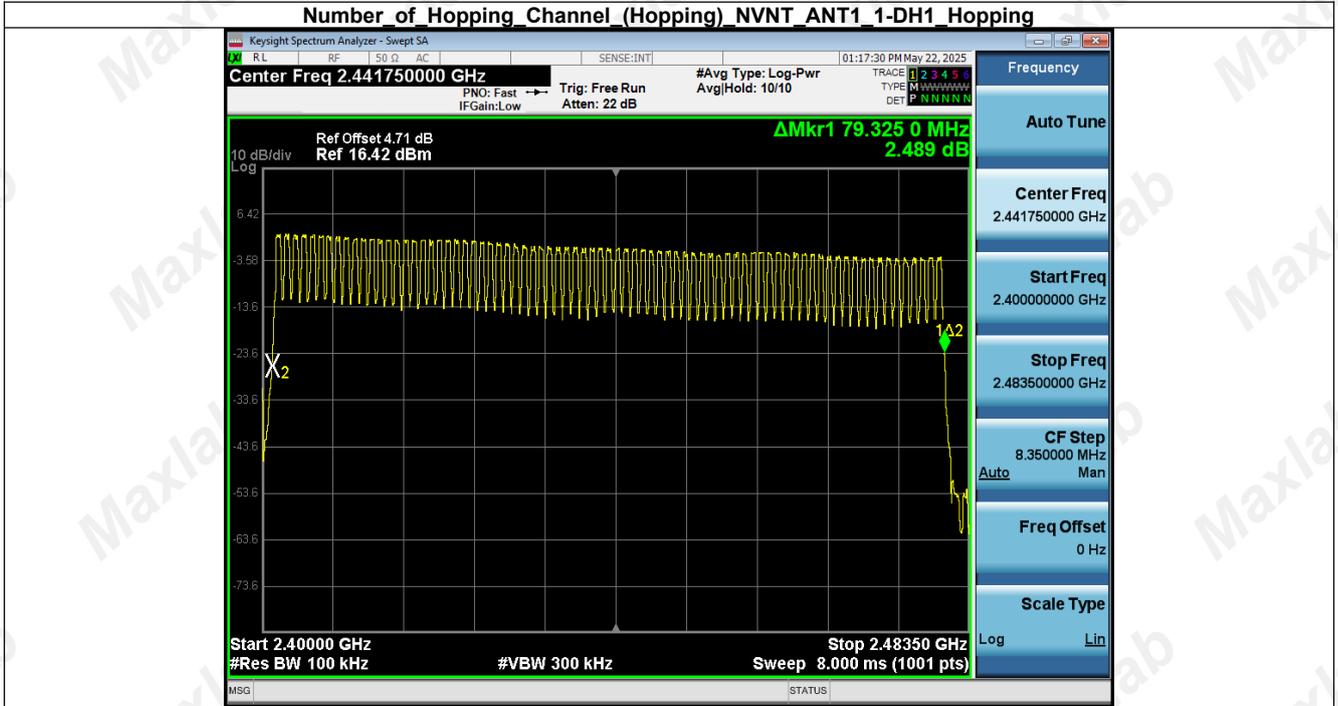


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1_Hopping



8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass
NVNT	ANT1	3-DH1	80	15	Pass

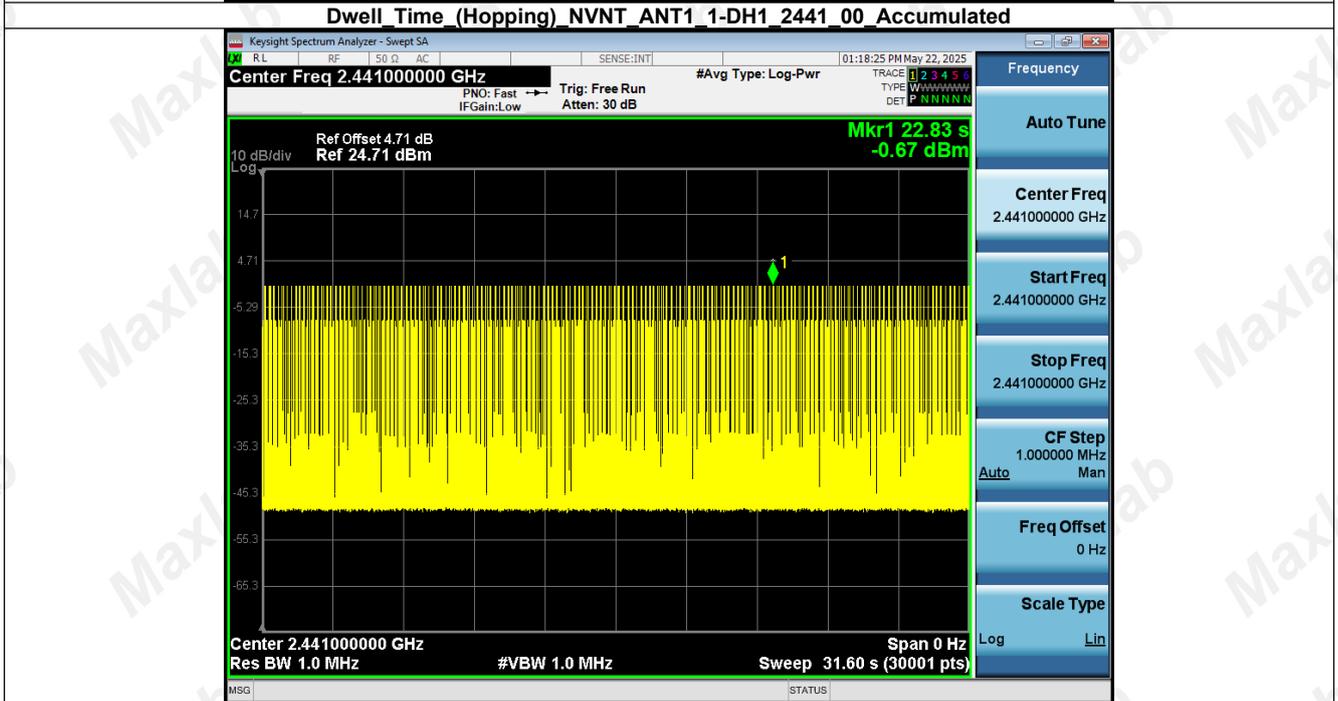
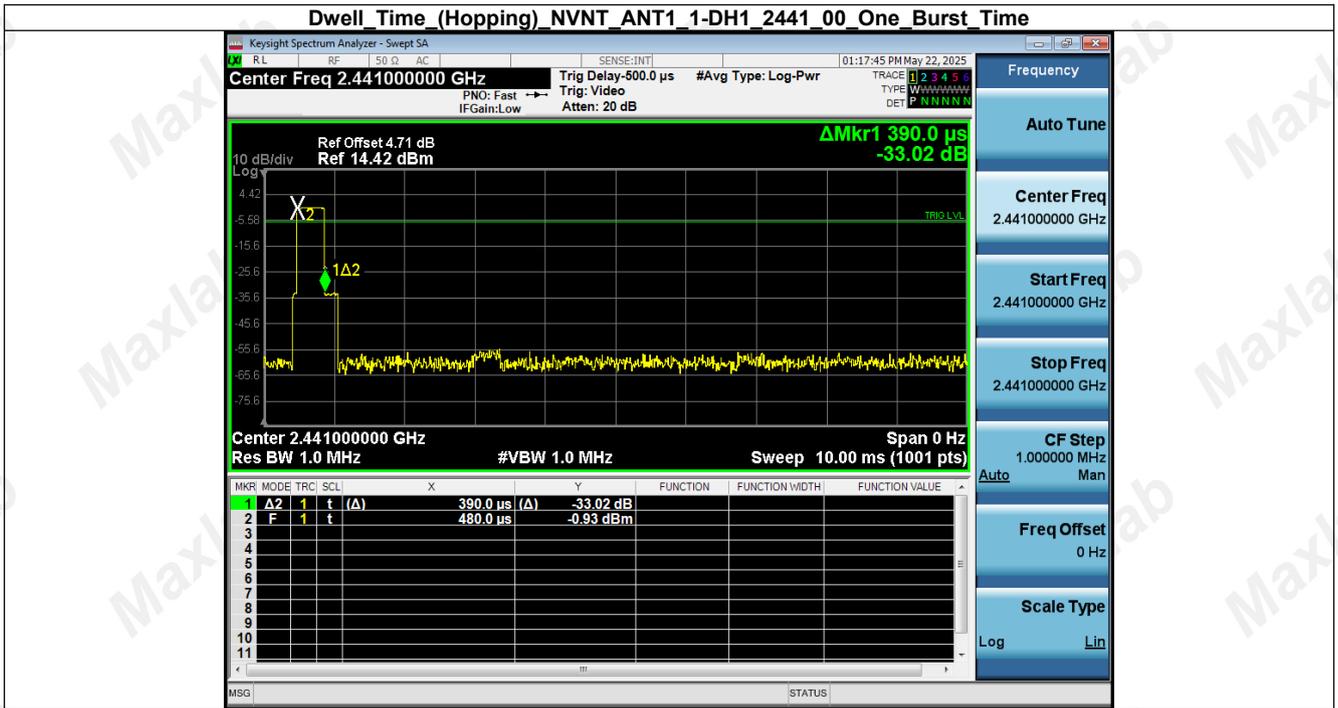


Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping

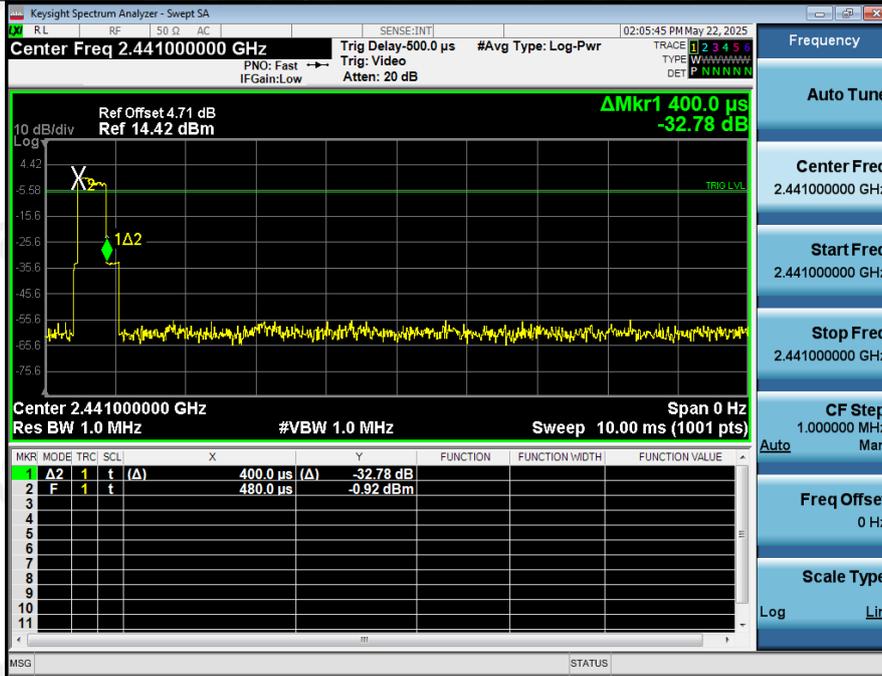


9. Dwell Time (Hopping)

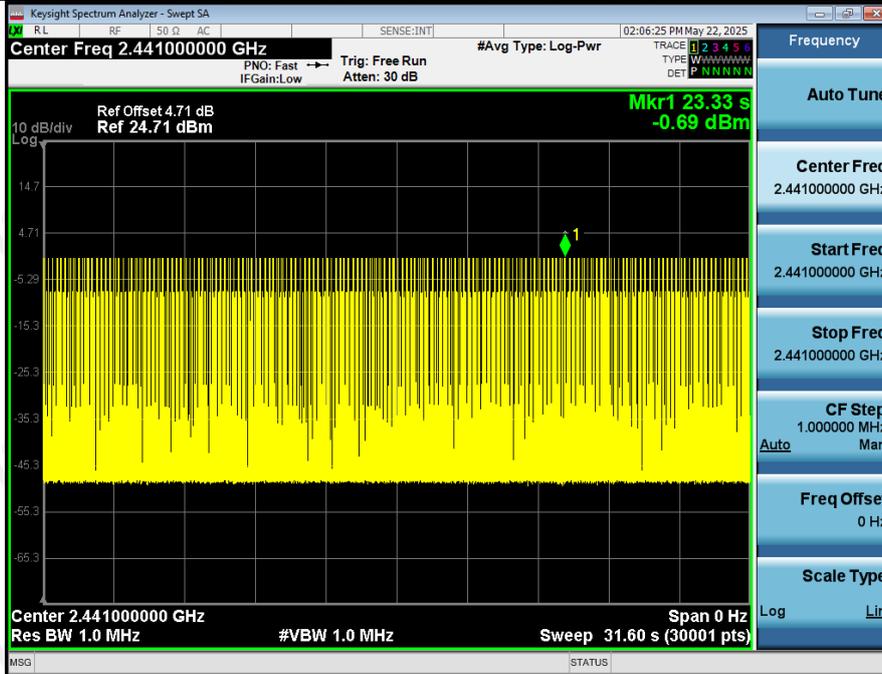
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	318.00	124.020	0.40	Pass
NVNT	ANT1	2-DH1	0.400	318.00	127.200	0.40	Pass
NVNT	ANT1	3-DH1	0.400	318.00	127.200	0.40	Pass
NVNT	ANT1	1-DH5	1.660	176.00	292.160	0.40	Pass
NVNT	ANT1	1-DH5	2.900	107.00	310.300	0.40	Pass
NVNT	ANT1	2-DH3	1.650	174.00	287.100	0.40	Pass
NVNT	ANT1	2-DH5	2.900	111.00	321.900	0.40	Pass
NVNT	ANT1	3-DH3	1.650	151.00	249.150	0.40	Pass
NVNT	ANT1	3-DH5	2.900	125.00	362.500	0.40	Pass



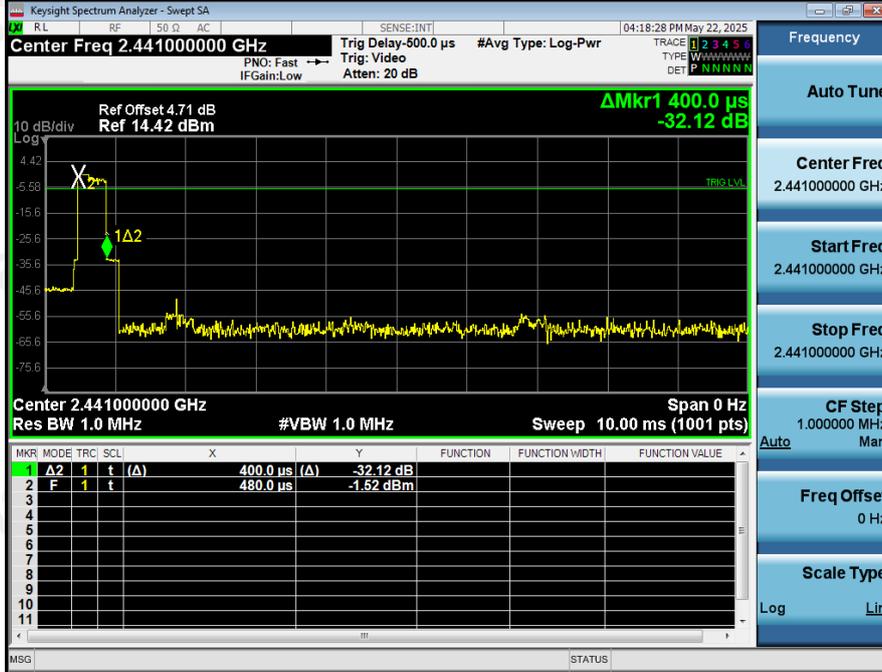
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One Burst Time



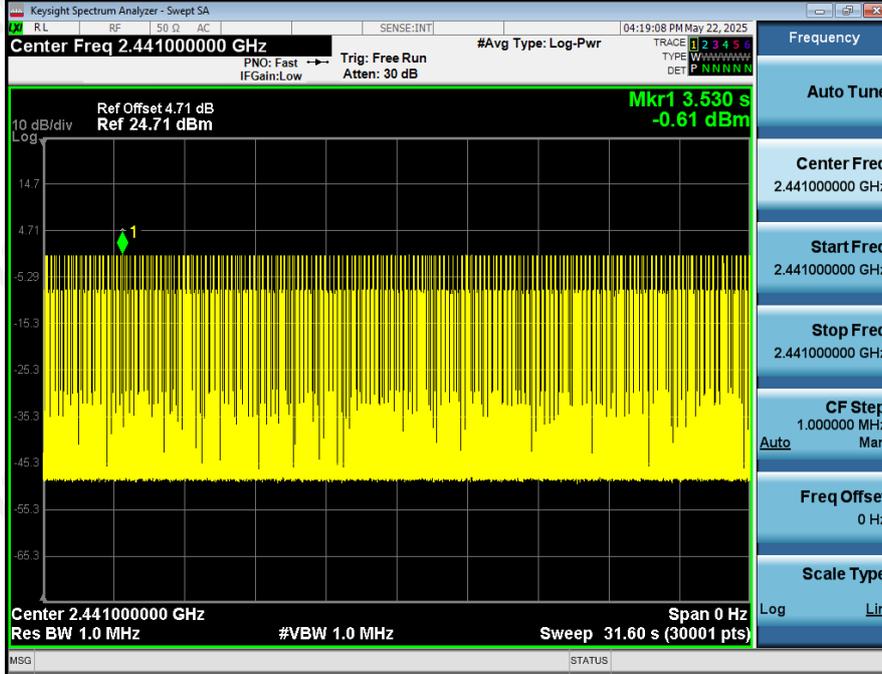
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



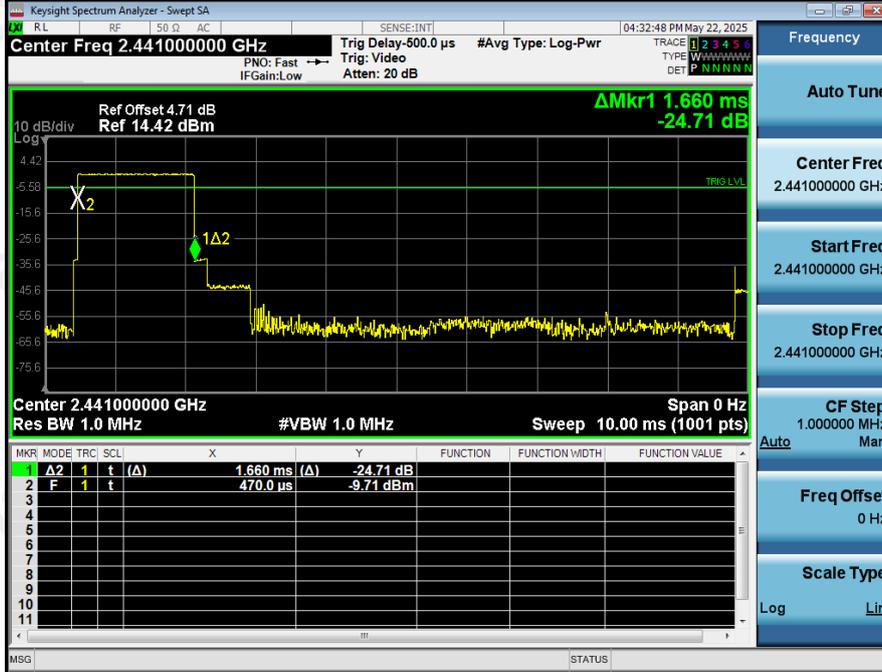
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



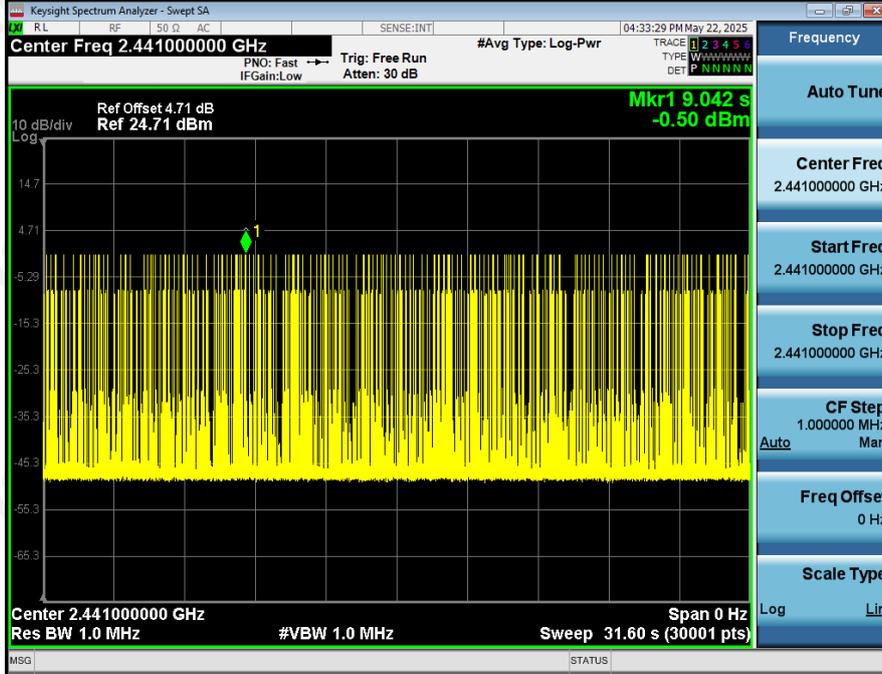
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



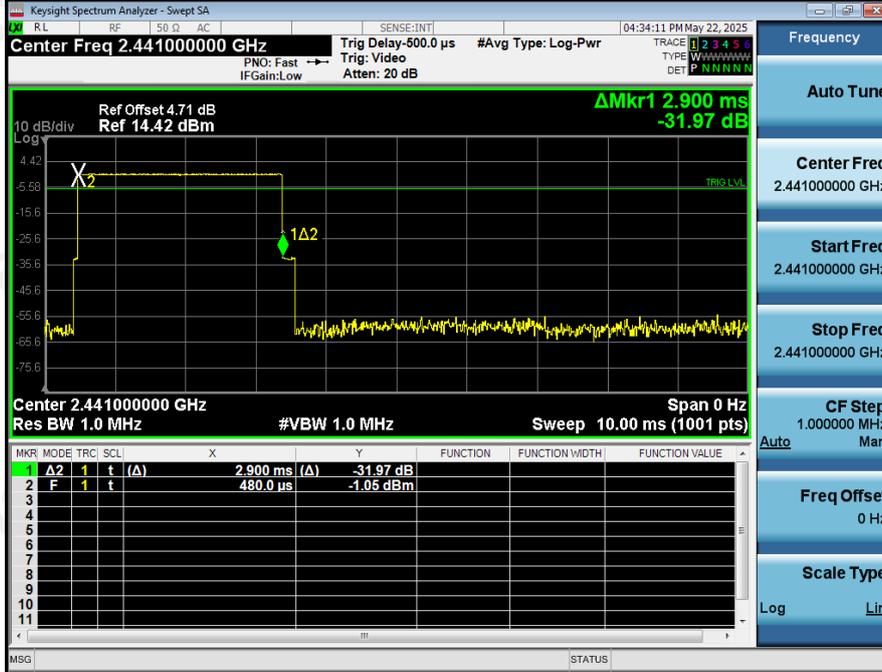
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



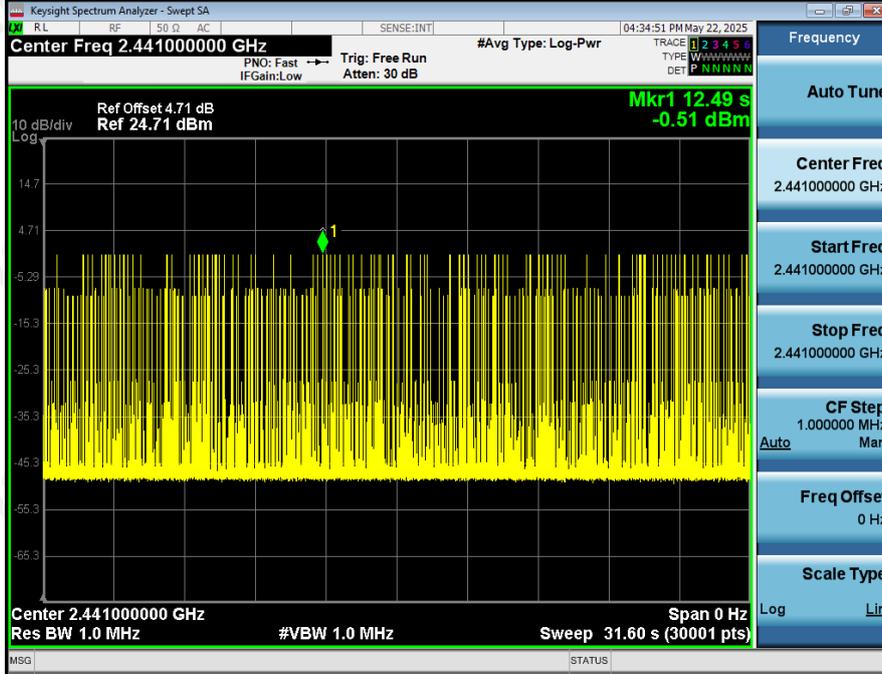
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



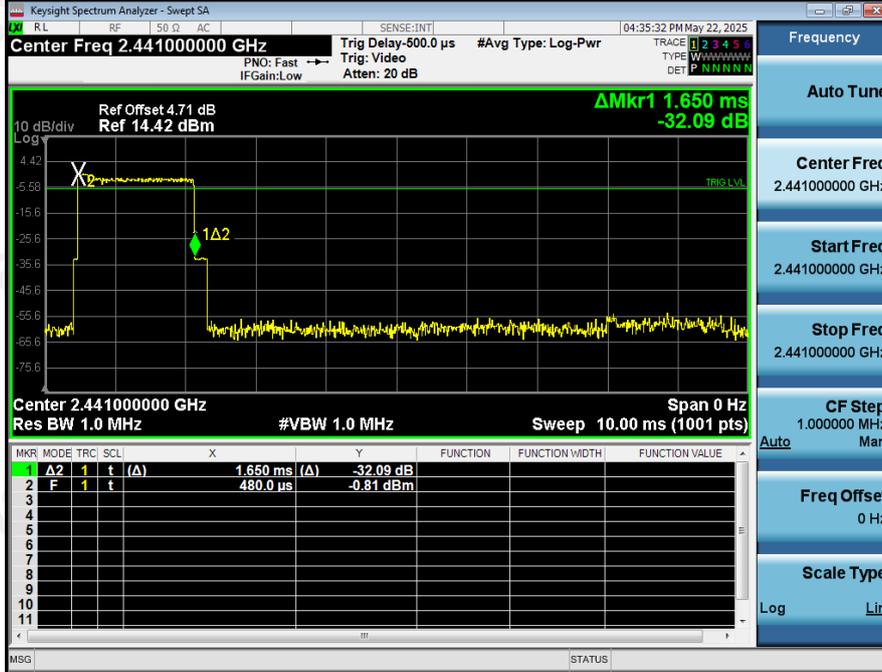
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



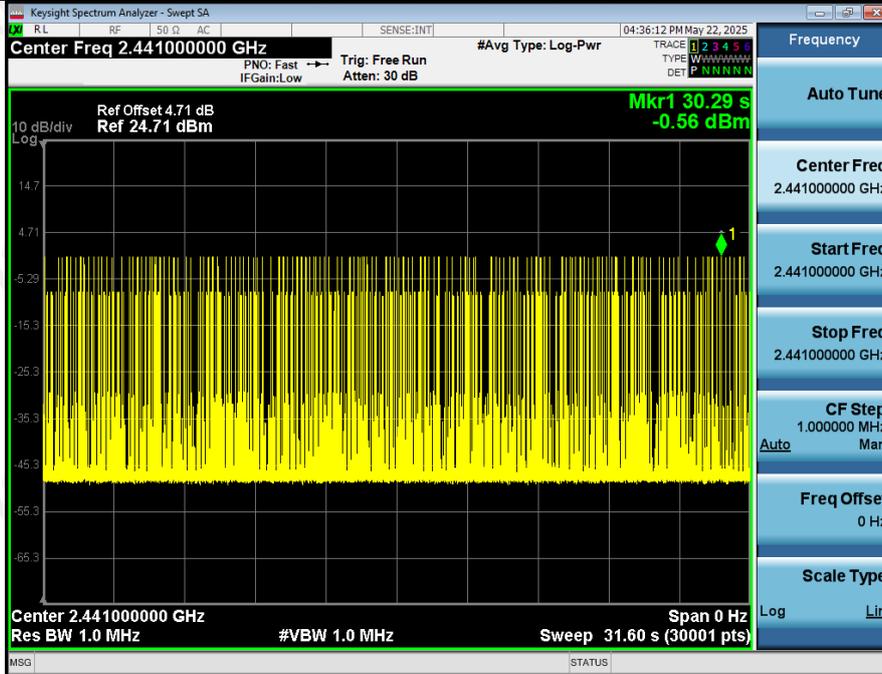
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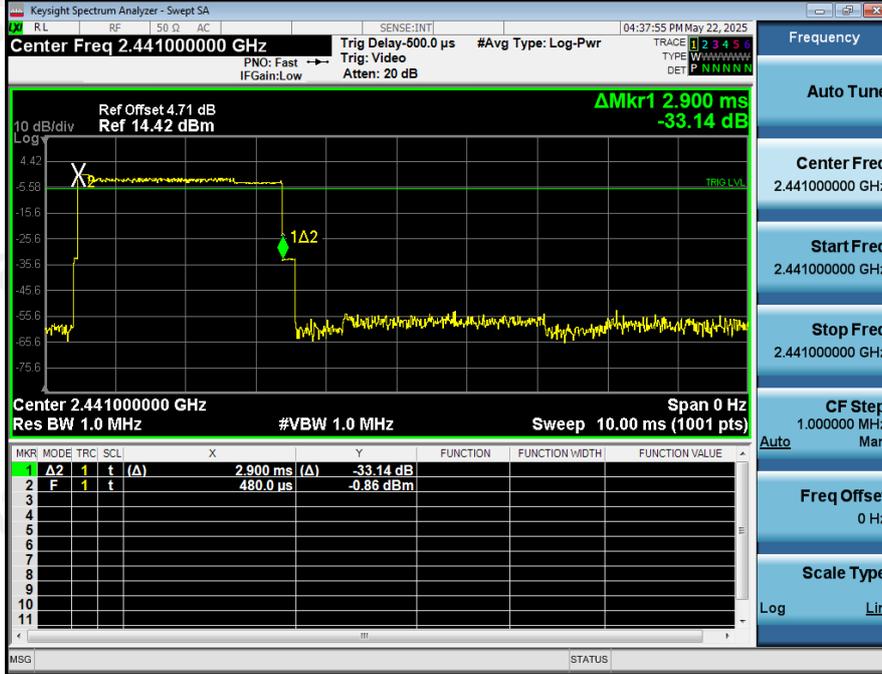
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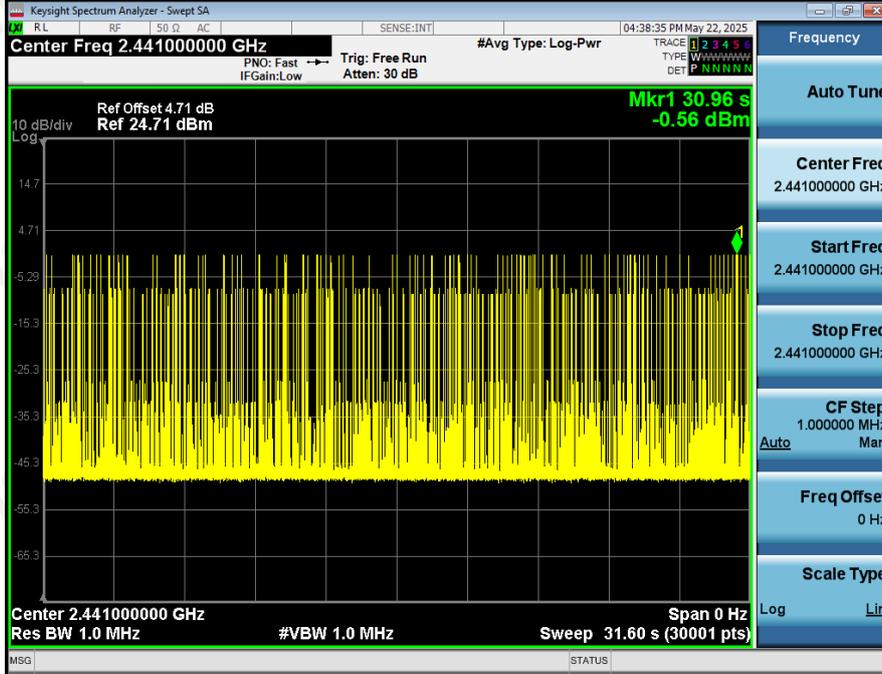
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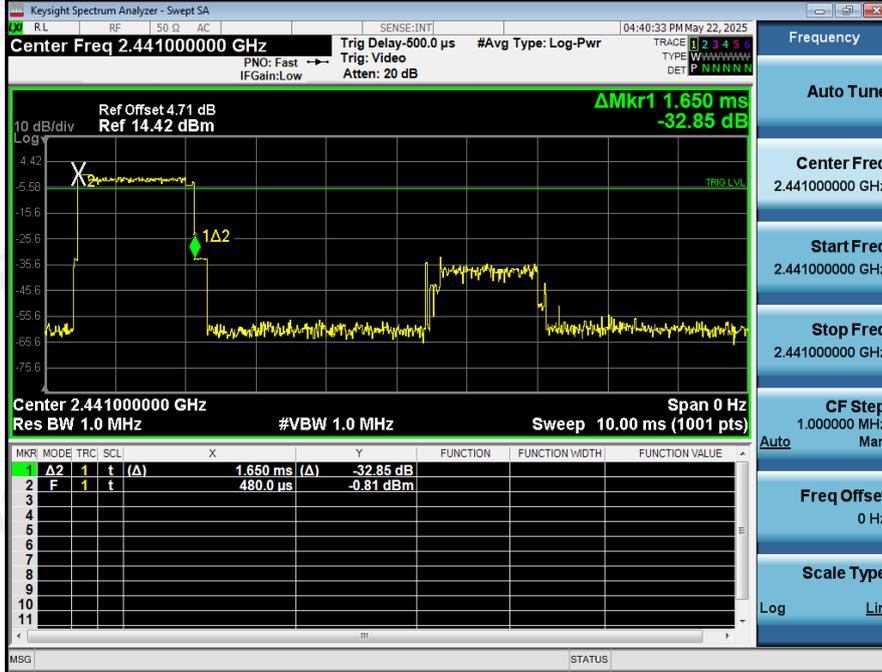
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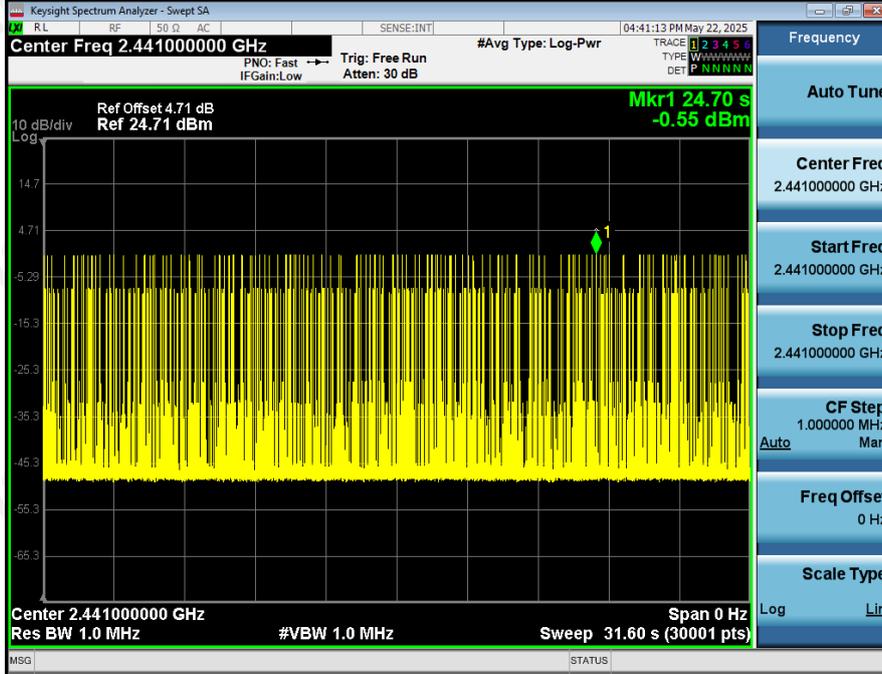
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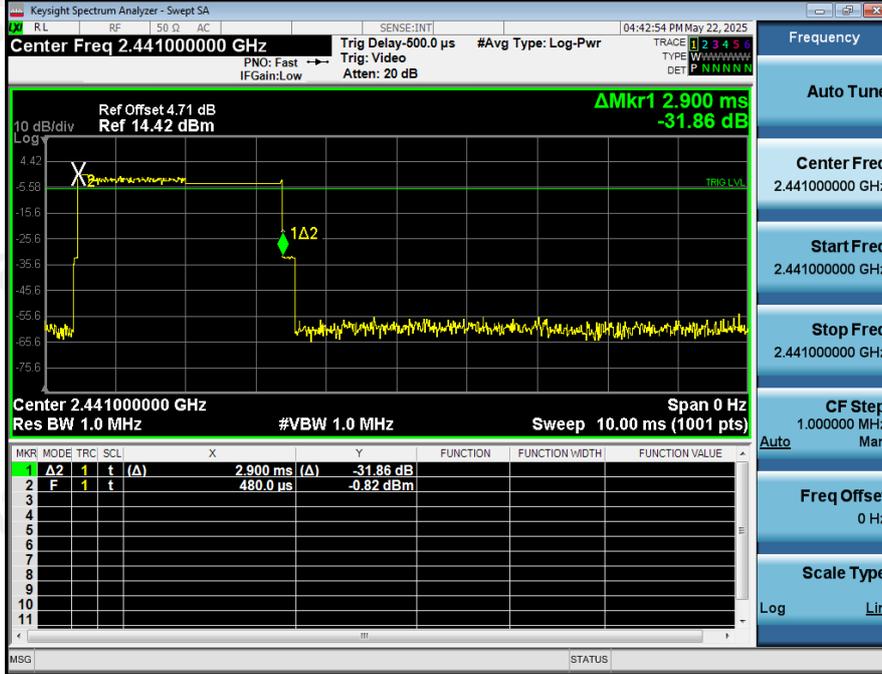
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_00 One Burst Time



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_00 Accumulated

