

## Appendix A – BT

### Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.354	0	2.354	21	Pass
NVNT	1-DH1	2441	Ant1	2.050	0	2.050	21	Pass
NVNT	1-DH1	2480	Ant1	1.702	0	1.702	21	Pass
NVNT	2-DH1	2402	Ant1	3.791	0	3.791	21	Pass
NVNT	2-DH1	2441	Ant1	3.581	0	3.581	21	Pass
NVNT	2-DH1	2480	Ant1	3.255	0	3.255	21	Pass
NVNT	3-DH1	2402	Ant1	3.797	0	3.797	21	Pass
NVNT	3-DH1	2441	Ant1	3.533	0	3.533	21	Pass
NVNT	3-DH1	2480	Ant1	3.250	0	3.250	21	Pass

Power NVNT 1-DH1 2402MHz Ant1



Power NVNT 1-DH1 2441MHz Ant1



Power NVNT 1-DH1 2480MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1



Power NVNT 2-DH1 2441MHz Ant1



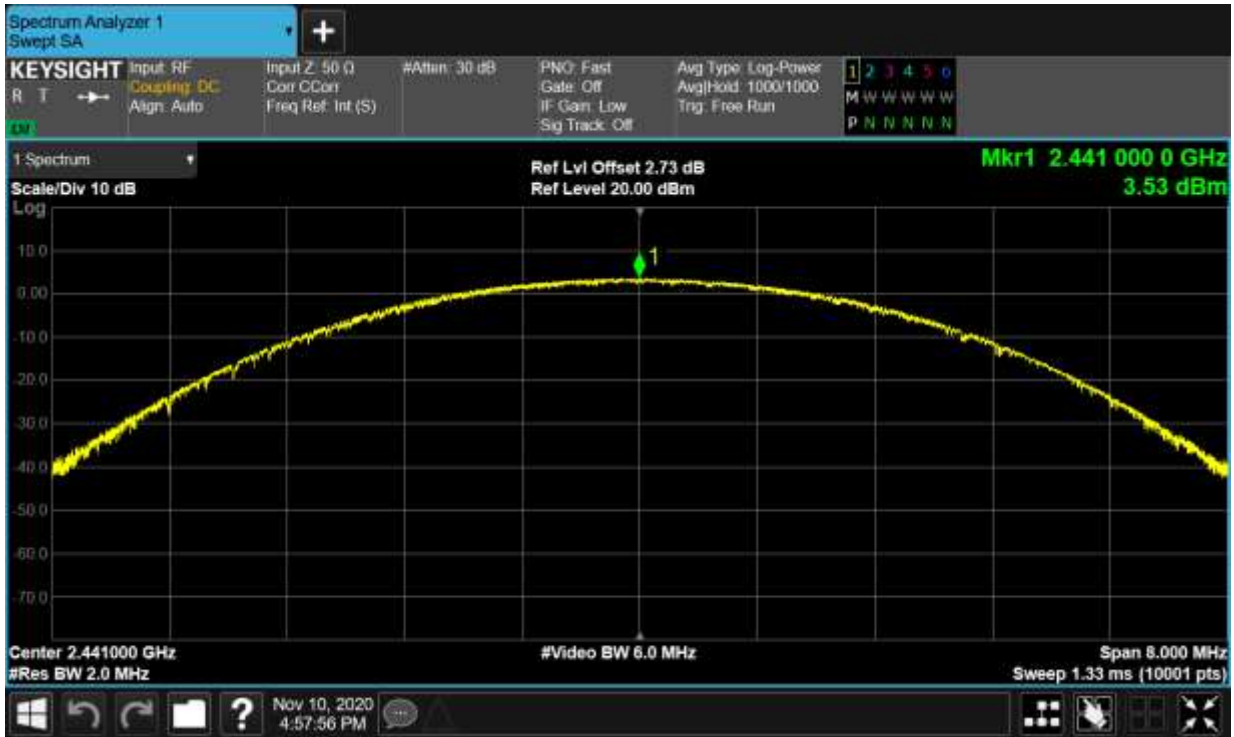
Power NVNT 2-DH1 2480MHz Ant1



Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1



**-20dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.848	--	Pass
NVNT	1-DH1	2441	Ant1	0.850	--	Pass
NVNT	1-DH1	2480	Ant1	0.850	--	Pass
NVNT	2-DH1	2402	Ant1	1.123	--	Pass
NVNT	2-DH1	2441	Ant1	1.119	--	Pass
NVNT	2-DH1	2480	Ant1	1.109	--	Pass
NVNT	3-DH1	2402	Ant1	1.115	--	Pass
NVNT	3-DH1	2441	Ant1	1.127	--	Pass
NVNT	3-DH1	2480	Ant1	1.120	--	Pass

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1





-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



**Carrier Frequencies Separation**

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.996	2403.006	1.010	0.848	Pass
NVNT	1-DH1	Ant1	2441.026	2442.008	0.982	0.850	Pass
NVNT	1-DH1	Ant1	2479.026	2480.006	0.980	0.850	Pass
NVNT	2-DH1	Ant1	2402.004	2403.012	1.008	0.749	Pass
NVNT	2-DH1	Ant1	2441.012	2442.020	1.008	0.746	Pass
NVNT	2-DH1	Ant1	2479.014	2480.020	1.006	0.739	Pass
NVNT	3-DH1	Ant1	2402.012	2403.170	1.158	0.743	Pass
NVNT	3-DH1	Ant1	2440.852	2442.014	1.162	0.751	Pass
NVNT	3-DH1	Ant1	2479.178	2480.166	0.988	0.747	Pass

CFS NVNT 1-DH1 2402MHz Ant1



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CFS NVNT 3-DH1 2441MHz Ant1



CFS NVNT 3-DH1 2480MHz Ant1



**Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-57.43	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-56.49	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-58.33	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-57.06	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-57.97	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-57.09	-20	Pass

Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

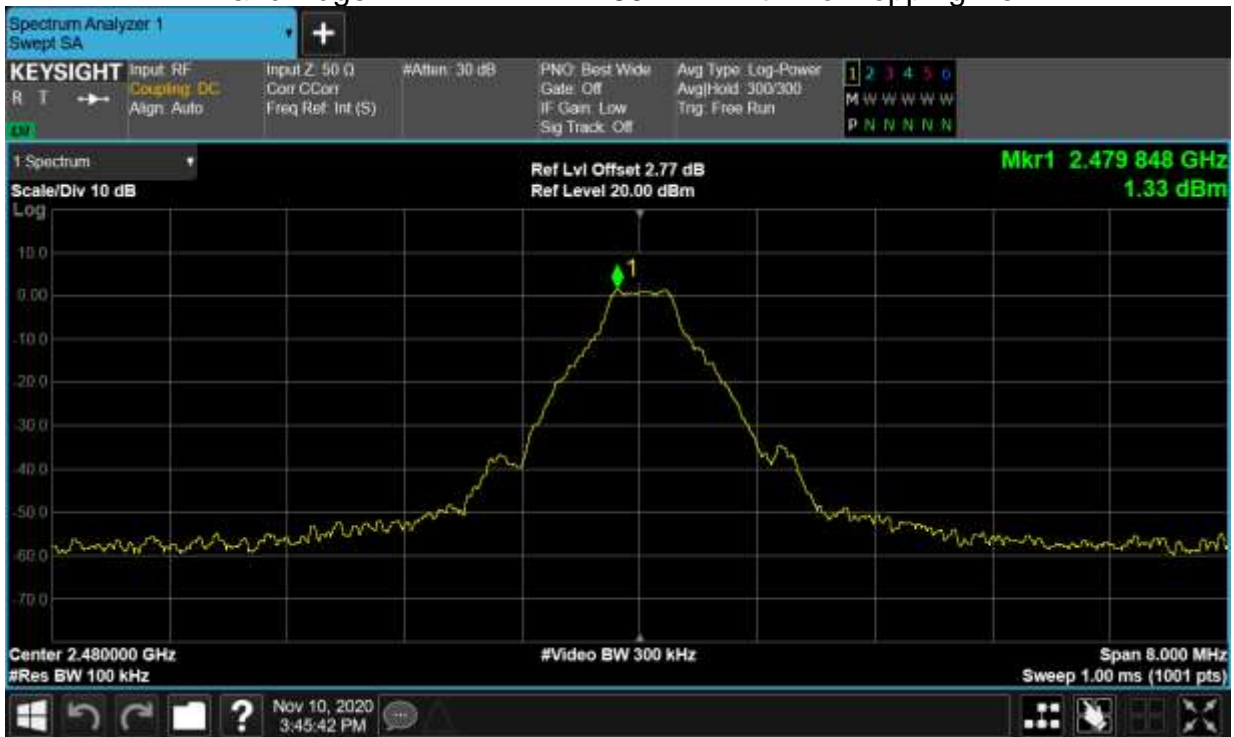




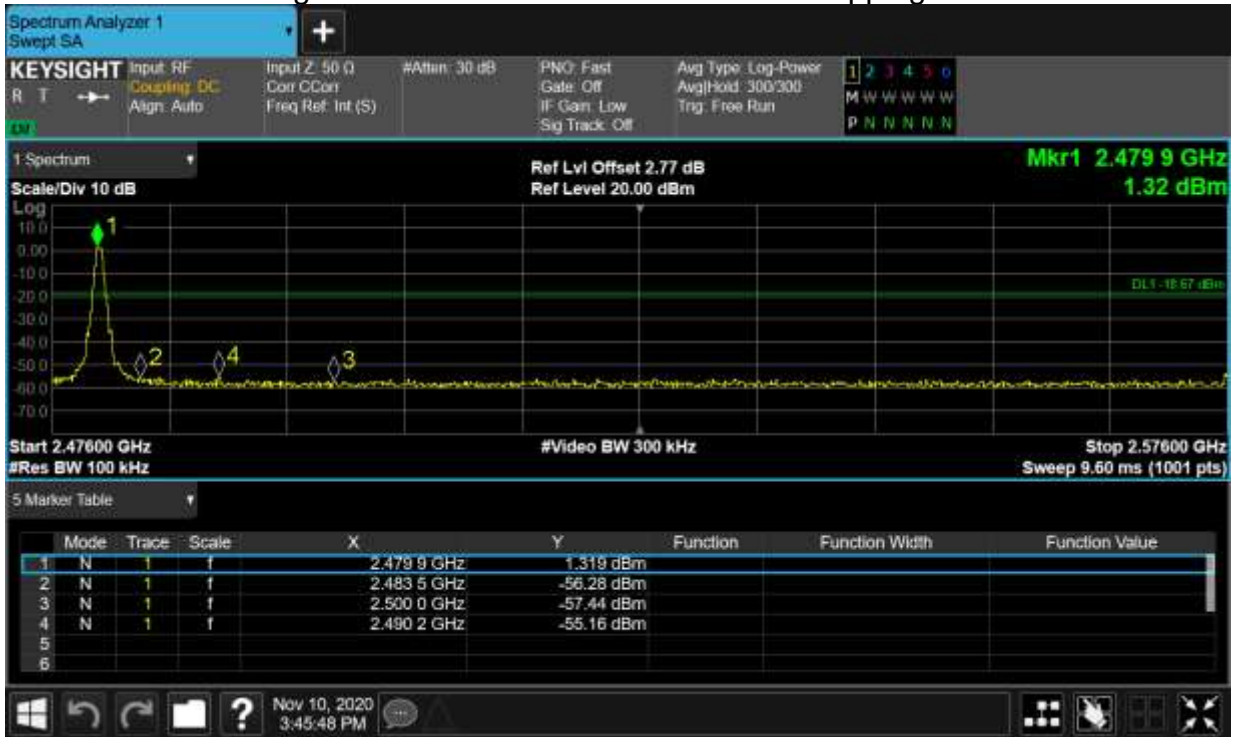
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



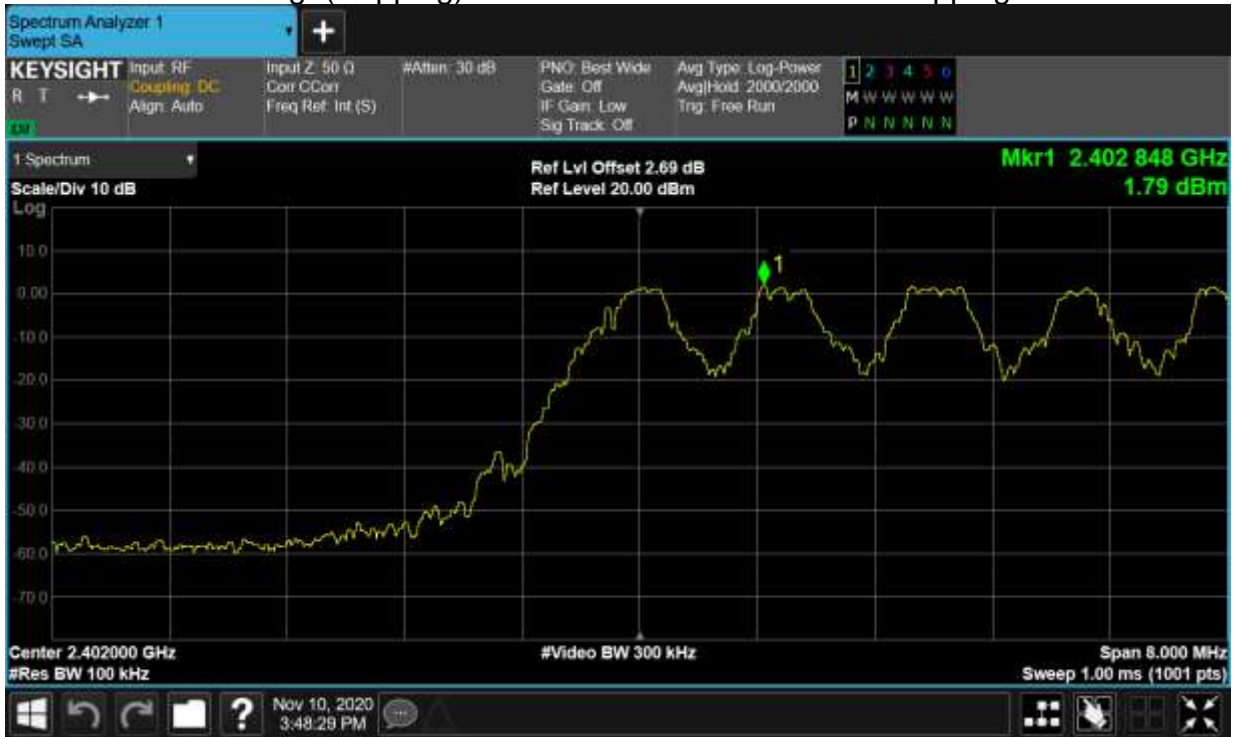
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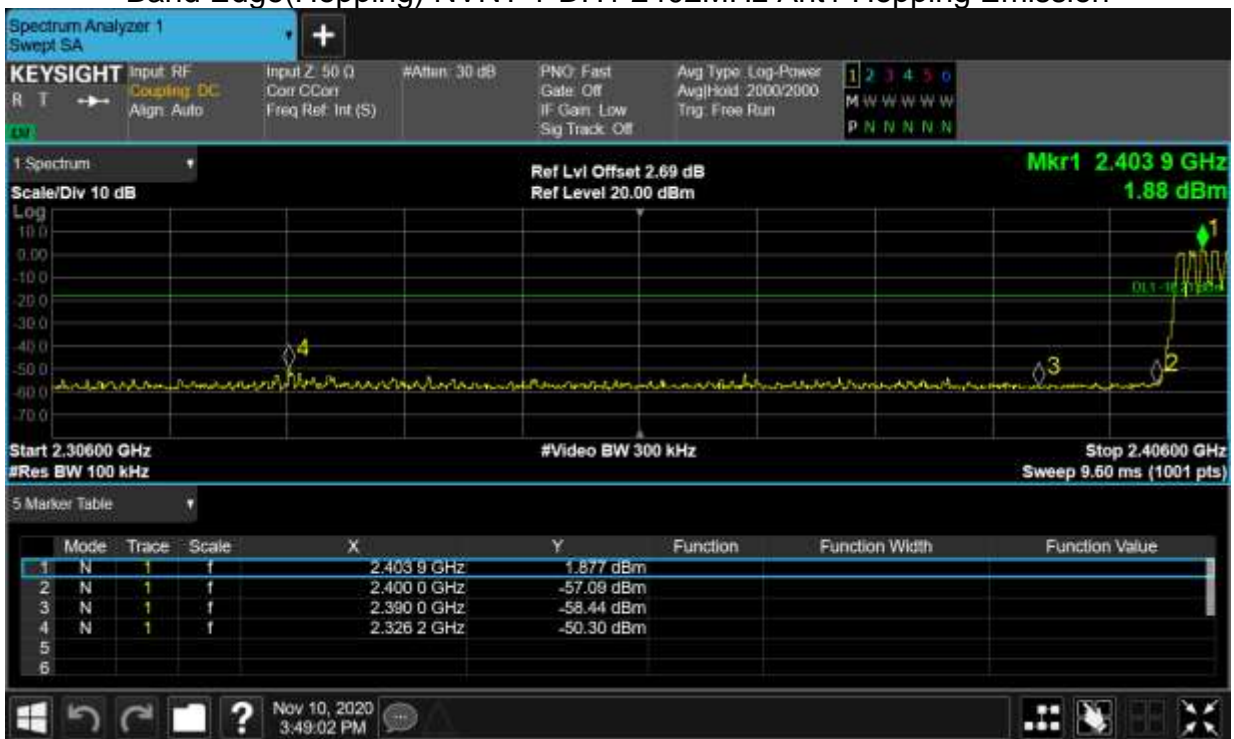
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-52.08	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-55.83	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-55.91	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-56.30	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-55.15	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-55.40	-20	Pass

Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



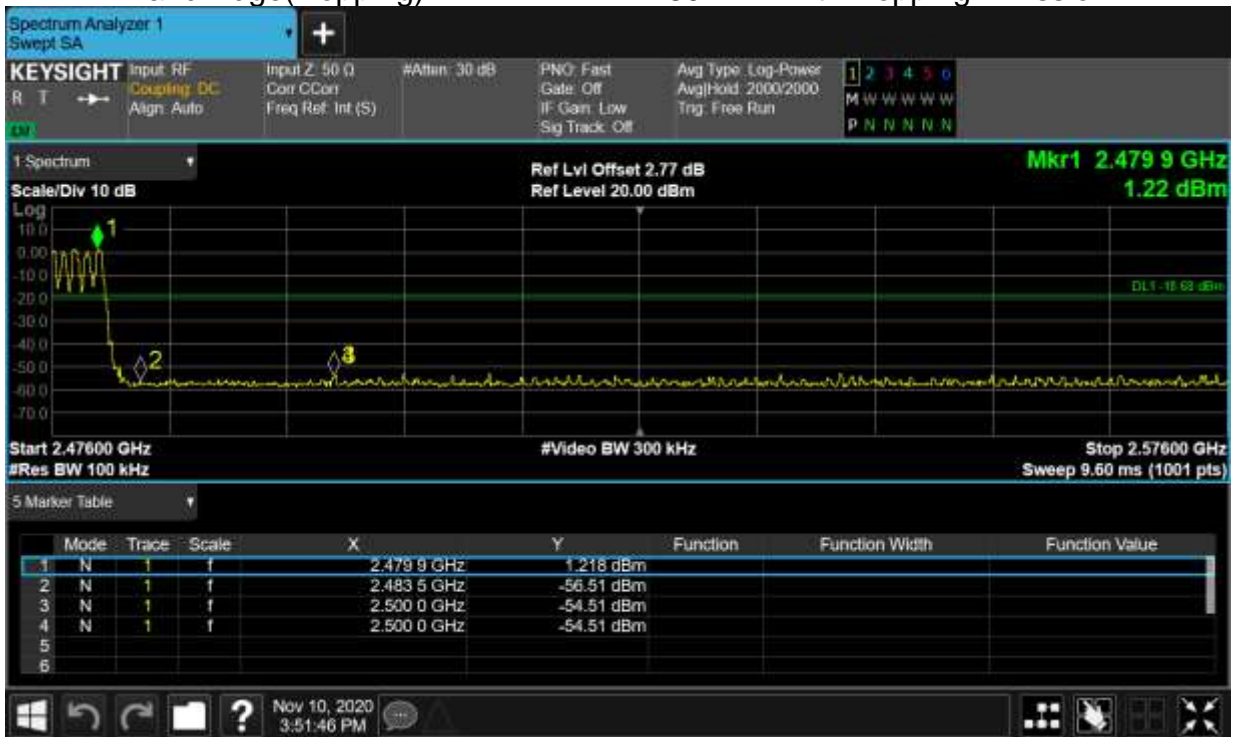
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Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission

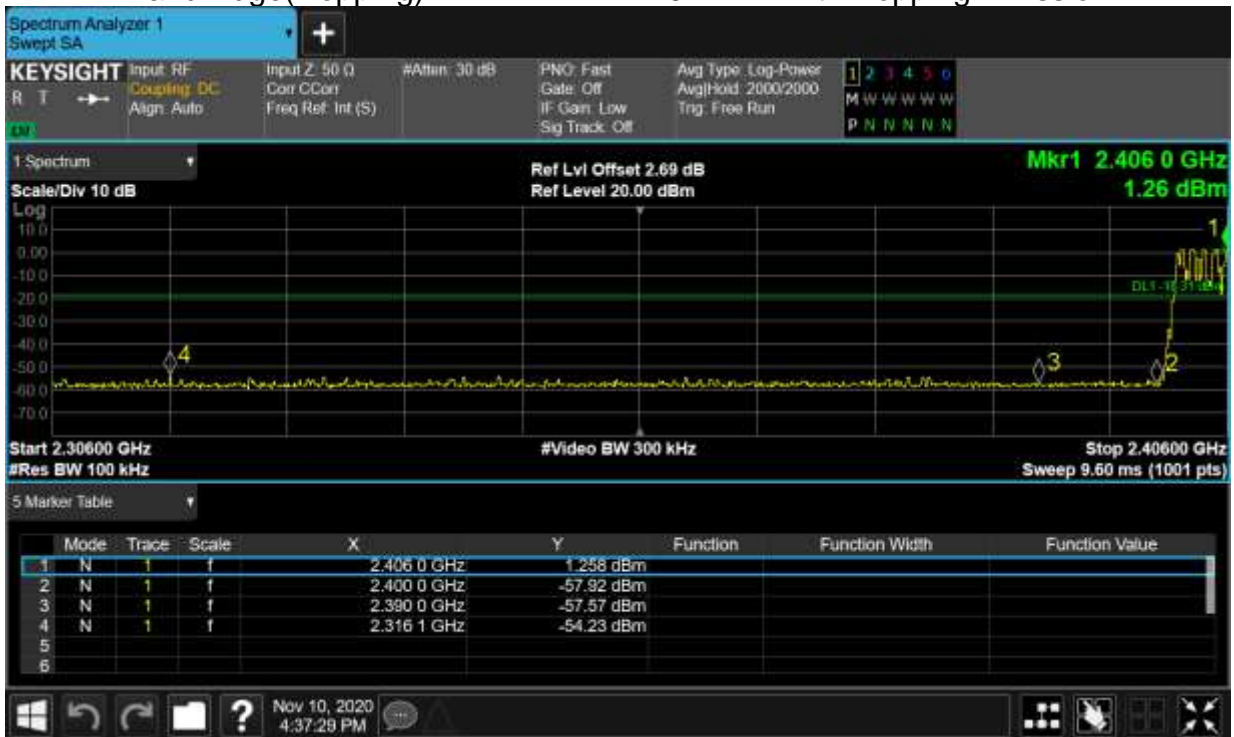




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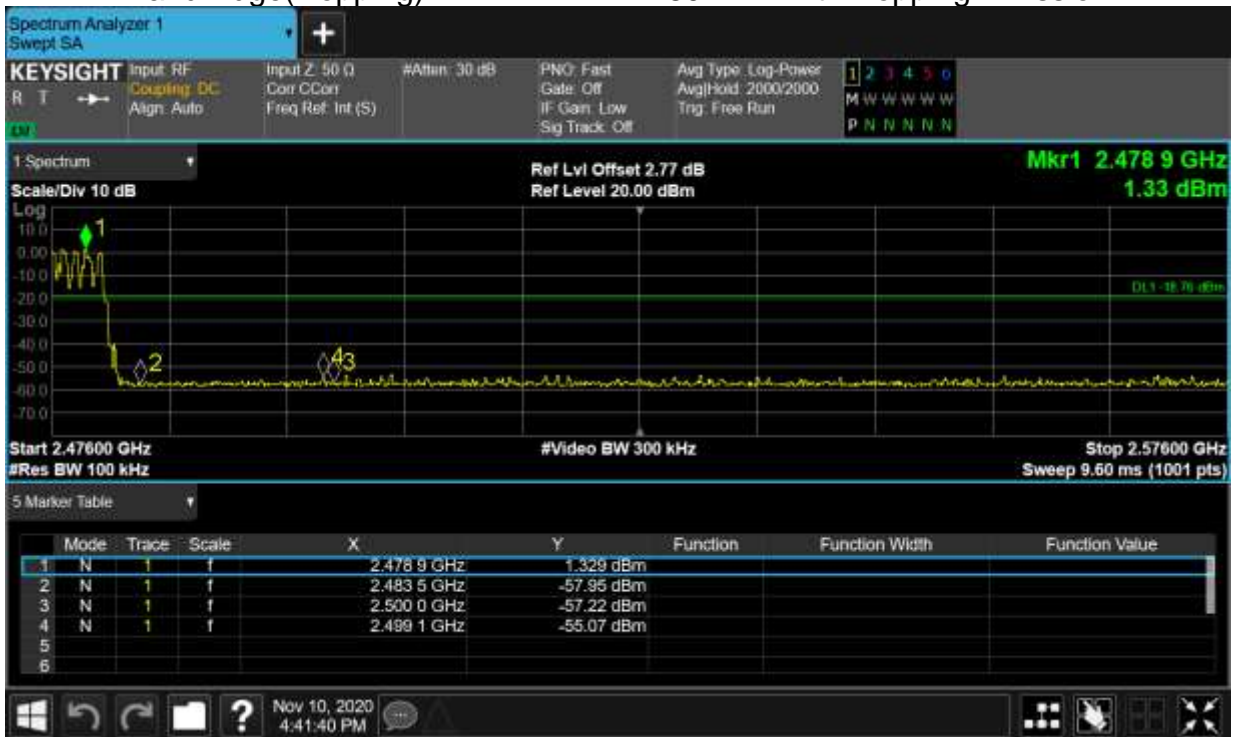
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Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



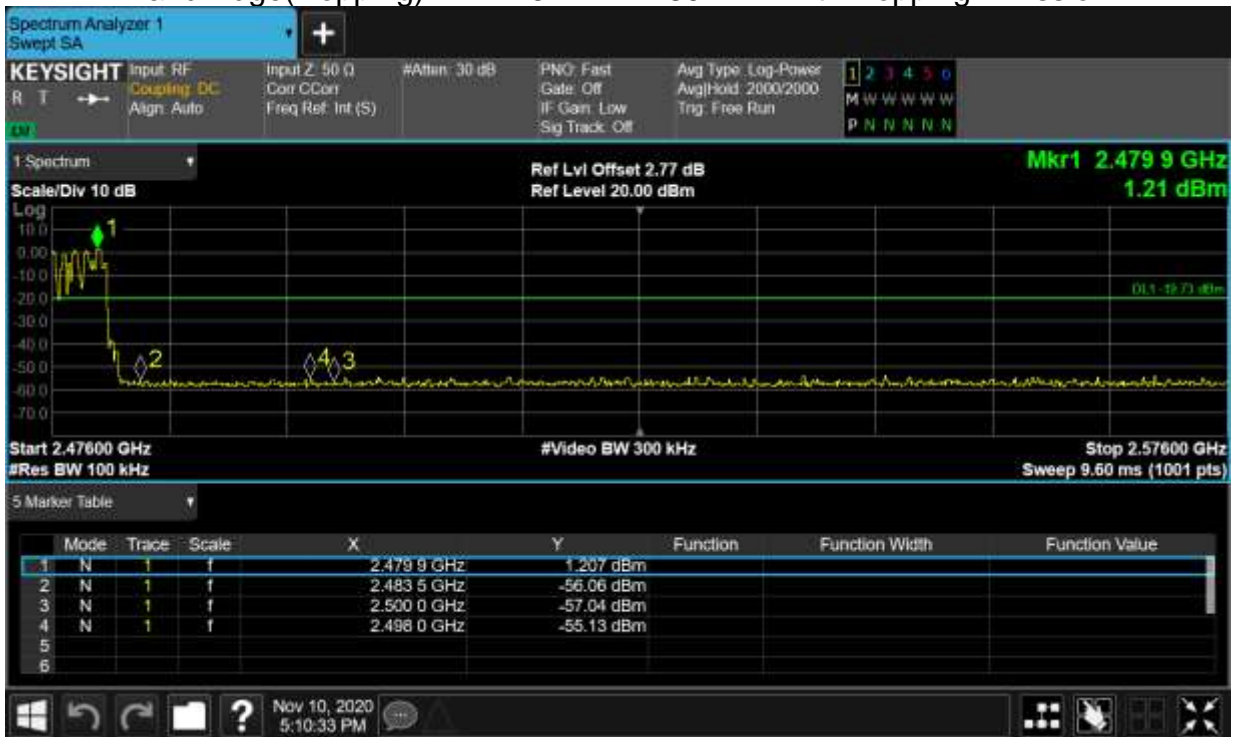
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



**Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-45.75	-20	Pass
NVNT	1-DH1	2441	Ant1	-46.10	-20	Pass
NVNT	1-DH1	2480	Ant1	-42.74	-20	Pass
NVNT	2-DH1	2402	Ant1	-47.29	-20	Pass
NVNT	2-DH1	2441	Ant1	-43.38	-20	Pass
NVNT	2-DH1	2480	Ant1	-41.57	-20	Pass
NVNT	3-DH1	2402	Ant1	-47.62	-20	Pass
NVNT	3-DH1	2441	Ant1	-44.74	-20	Pass
NVNT	3-DH1	2480	Ant1	-43.24	-20	Pass

Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref





Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



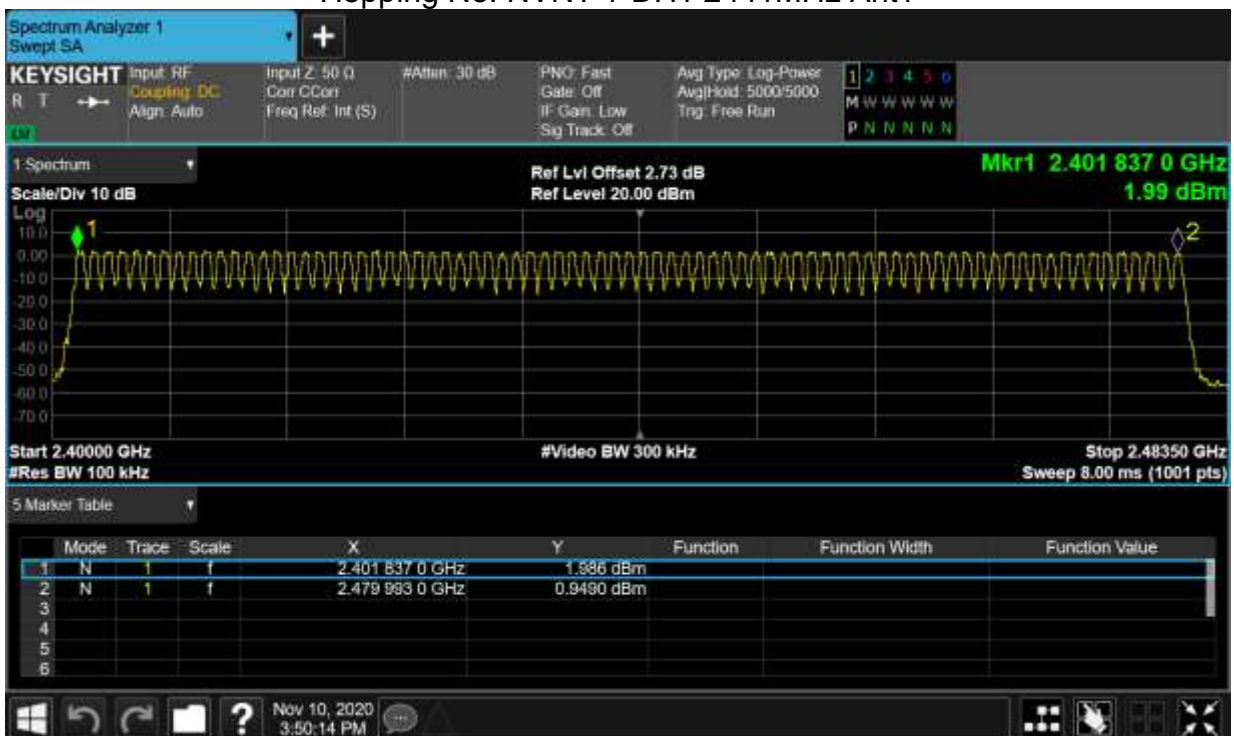
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission



Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1



Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.392	125.44	31600	400	Pass

NVNT	1-DH3	2441	Ant1	1.648	263.68	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.896	308.907	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.384	122.88	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.636	261.76	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.884	307.627	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.377	120.64	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.633	261.28	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.883	307.52	31600	400	Pass

Dwell NVNT 1-DH1 2441MHz Ant1





Dwell NVNT 1-DH3 2441MHz Ant1



Dwell NVNT 1-DH5 2441MHz Ant1



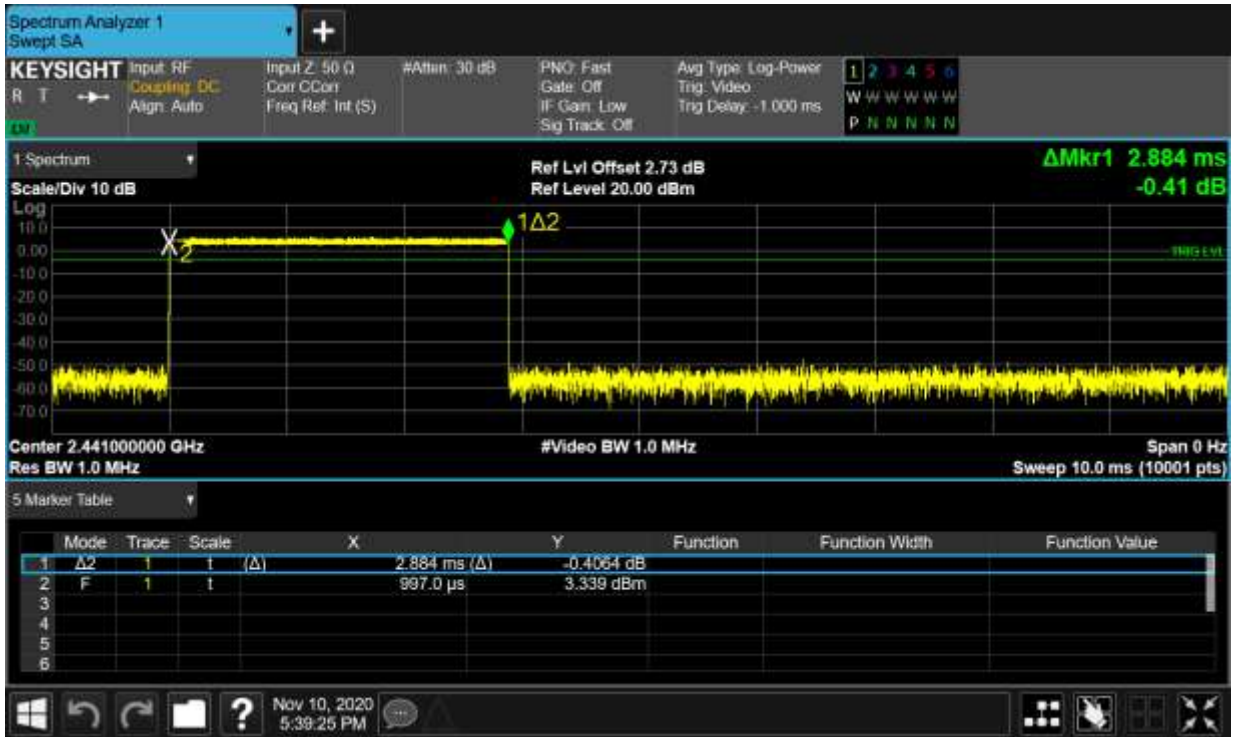
Dwell NVNT 2-DH1 2441MHz Ant1



Dwell NVNT 2-DH3 2441MHz Ant1



Dwell NVNT 2-DH5 2441MHz Ant1



Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



Dwell NVNT 3-DH5 2441MHz Ant1



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