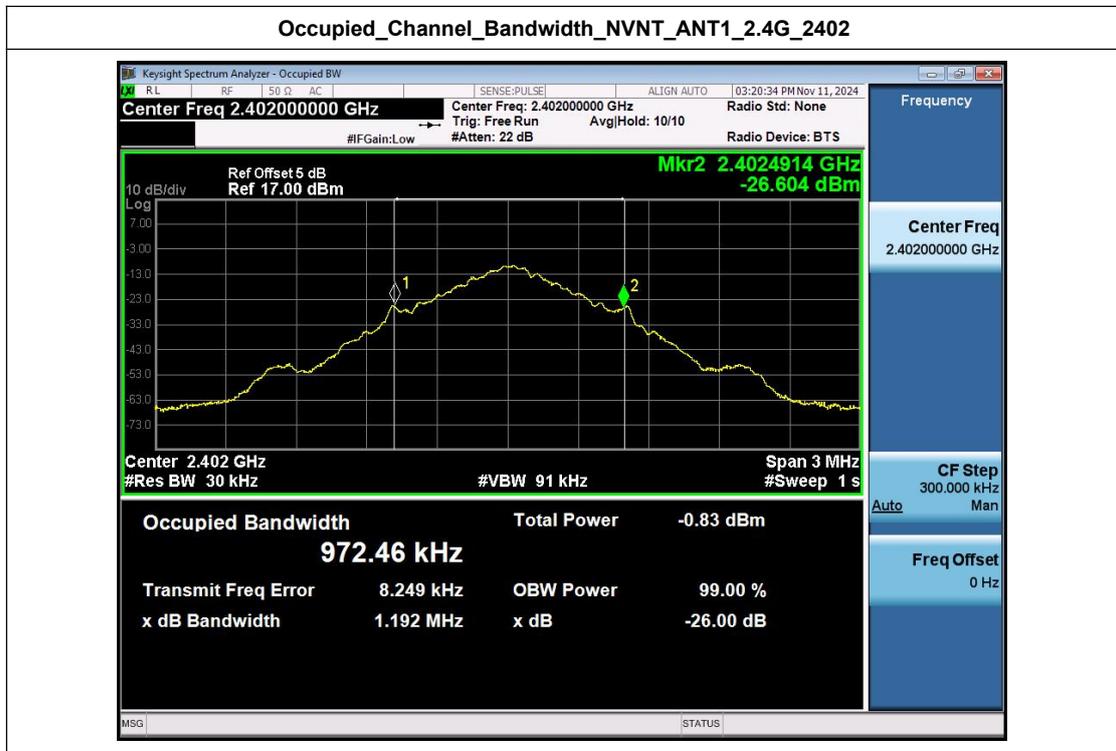


### Appendix Test Data

Report No.:	1812C40127012504W	Test Sample No.:	1-2-2
Start Test Date:	2024.11.4	Finish Test Date:	2024.11.11
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.4°C	Relative Humidity:	49%
Pressure:	101kPa		

### Appendix A: Occupied Channel Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)	Lower edge(MHz)	Upper edge(MHz)	Limit(MHz)	Result
NVNT	ANT1	2.4G	2402.00	0.972	2401.519	2402.491	2400~2483.5	Pass
NVNT	ANT1	2.4G	2441.00	0.989	2440.510	2441.499	2400~2483.5	Pass
NVNT	ANT1	2.4G	2480.00	0.997	2479.507	2480.504	2400~2483.5	Pass

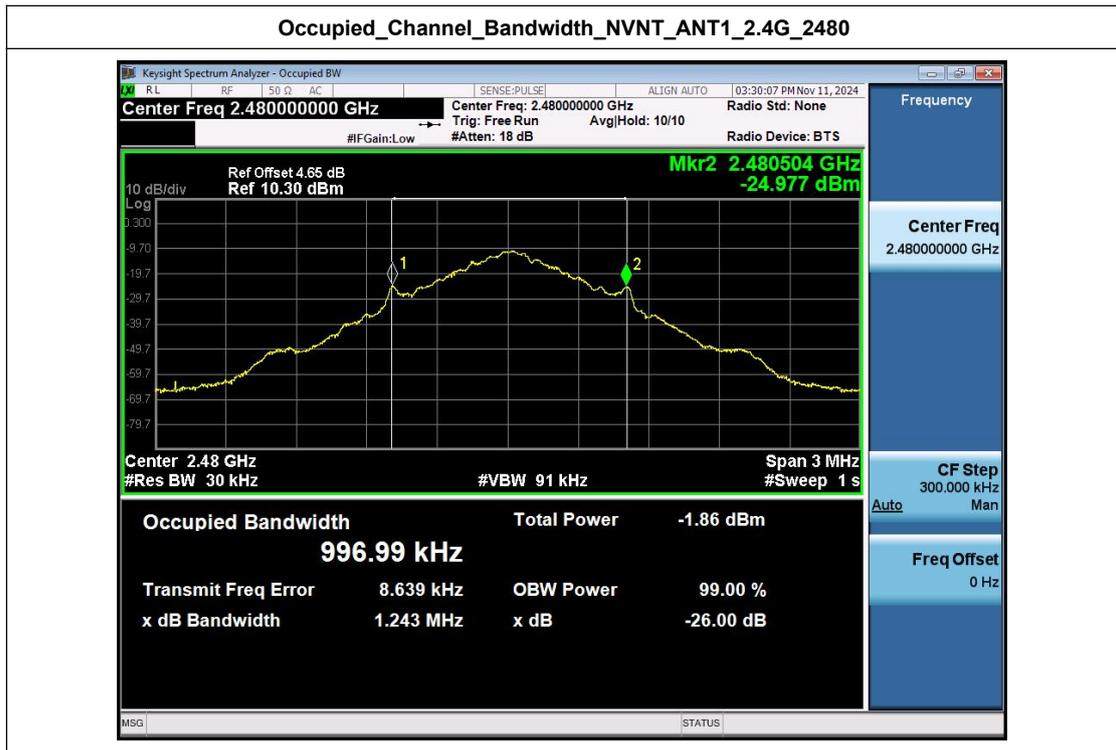


**Occupied\_Channel\_Bandwidth\_NVNT\_ANT1\_2.4G\_2441**





Occupied\_Channel\_Bandwidth\_NVNT\_ANT1\_2.4G\_2480

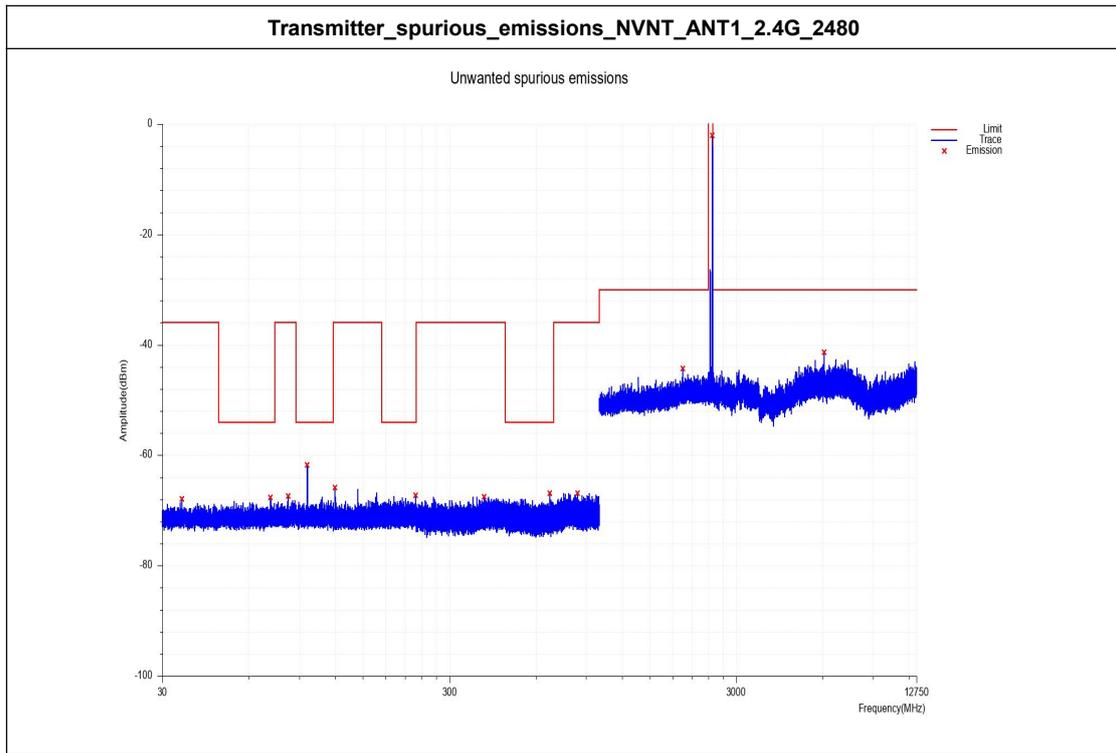
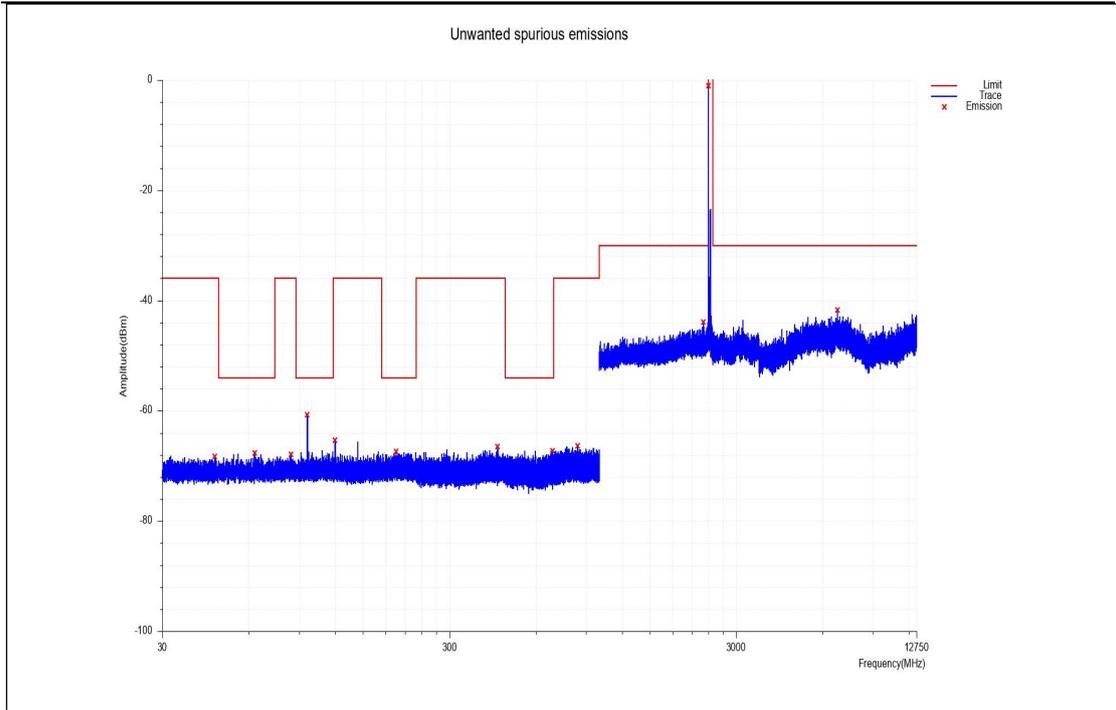


**Appendix B: Transmitter spurious emissions**

Condition	Antenna	Modulation	Frequency (MHz)	Range	Spur Freq (MHz)	Spur Freq Peak (dBm)	Spur Level RMS (dBm)	Limit (dBm)	Result
NVNT	ANT1	2.4G	2402.00	30.00~47.00	45.72	-68.29	N/A	-36	Pass
NVNT	ANT1	2.4G	2402.00	47.00~74.00	62.84	-67.71	N/A	-54	Pass
NVNT	ANT1	2.4G	2402.00	74.00~87.50	84.04	-67.87	N/A	-36	Pass
NVNT	ANT1	2.4G	2402.00	87.50~118.00	96.02	-60.74	N/A	-54	Pass
NVNT	ANT1	2.4G	2402.00	118.00~174.00	120.03	-65.32	N/A	-36	Pass
NVNT	ANT1	2.4G	2402.00	174.00~230.00	195.41	-67.45	N/A	-54	Pass
NVNT	ANT1	2.4G	2402.00	230.00~470.00	440.96	-66.48	N/A	-36	Pass
NVNT	ANT1	2.4G	2402.00	470.00~694.00	687.99	-67.32	N/A	-54	Pass
NVNT	ANT1	2.4G	2402.00	694.00~1000.00	838.90	-66.34	N/A	-36	Pass
NVNT	ANT1	2.4G	2402.00	1000.00~2398.00	2307.36	-43.91	N/A	-30	Pass
NVNT	ANT1	2.4G	2402.00	2398.00~2485.50	2402.21	-1.07	/	/	/
NVNT	ANT1	2.4G	2402.00	2485.50~12750.00	6762.38	-41.68	N/A	-30	Pass
NVNT	ANT1	2.4G	2480.00	30.00~47.00	35.05	-67.90	N/A	-36	Pass
NVNT	ANT1	2.4G	2480.00	47.00~74.00	71.48	-67.67	N/A	-54	Pass
NVNT	ANT1	2.4G	2480.00	74.00~87.50	82.21	-67.43	N/A	-36	Pass
NVNT	ANT1	2.4G	2480.00	87.50~118.00	96.01	-61.77	N/A	-54	Pass
NVNT	ANT1	2.4G	2480.00	118.00~174.00	120.04	-65.85	N/A	-36	Pass
NVNT	ANT1	2.4G	2480.00	174.00~230.00	228.82	-67.28	N/A	-54	Pass
NVNT	ANT1	2.4G	2480.00	230.00~470.00	396.85	-67.58	N/A	-36	Pass
NVNT	ANT1	2.4G	2480.00	470.00~694.00	670.56	-66.90	N/A	-54	Pass
NVNT	ANT1	2.4G	2480.00	694.00~1000.00	840.01	-66.85	N/A	-36	Pass
NVNT	ANT1	2.4G	2480.00	1000.00~2398.00	1951.39	-44.26	N/A	-30	Pass
NVNT	ANT1	2.4G	2480.00	2398.00~2485.49	2480.20	-2.11	/	/	/
NVNT	ANT1	2.4G	2480.00	2485.49~12750.00	6077.04	-41.39	N/A	-30	Pass

Transmitter\_spurious\_emissions\_NVNT\_ANT1\_2.4G\_2402





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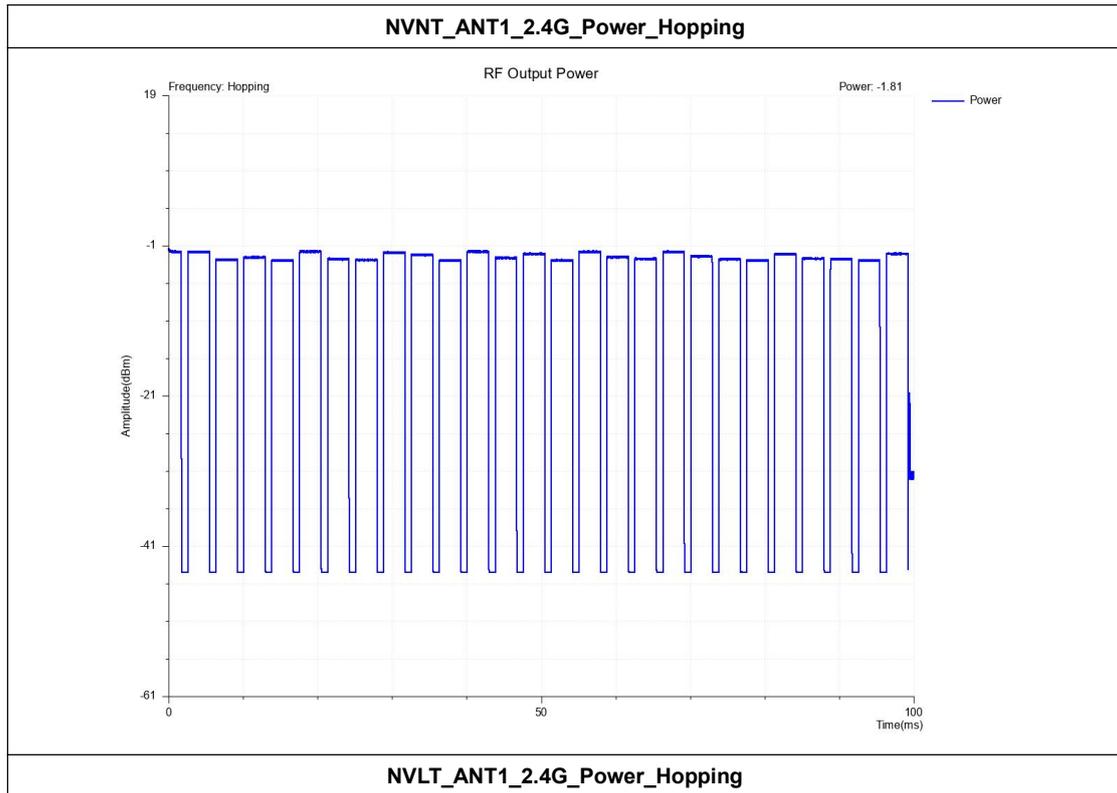
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Tel: (86)0755-26066440 Email: service@anbotek.com

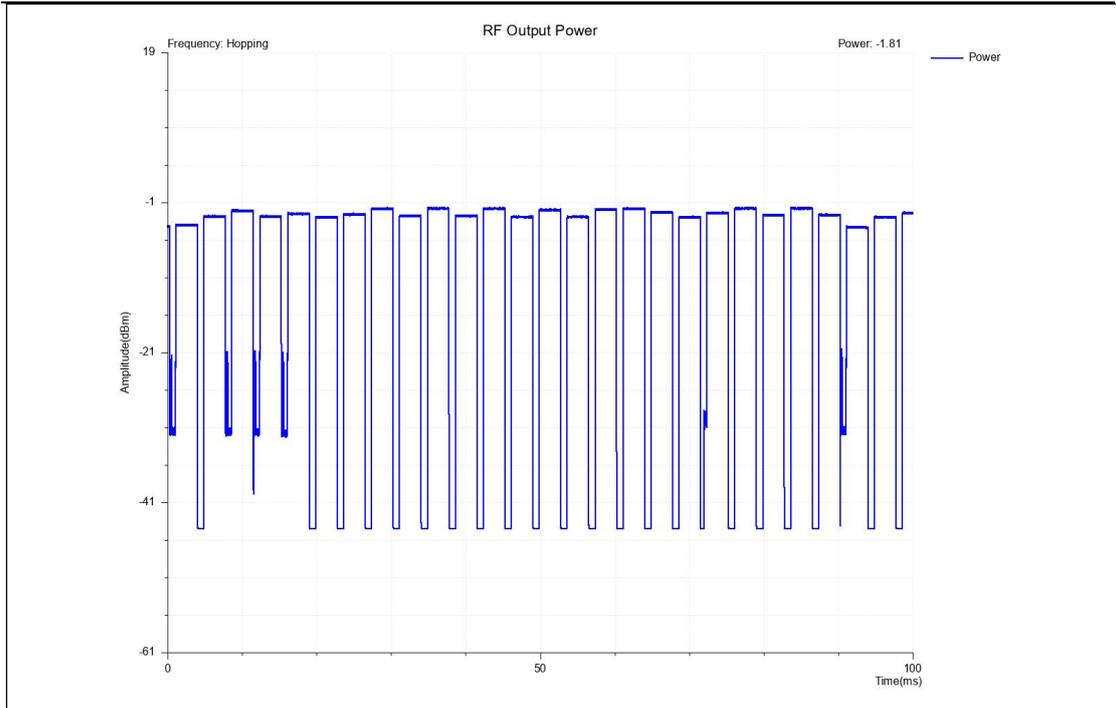
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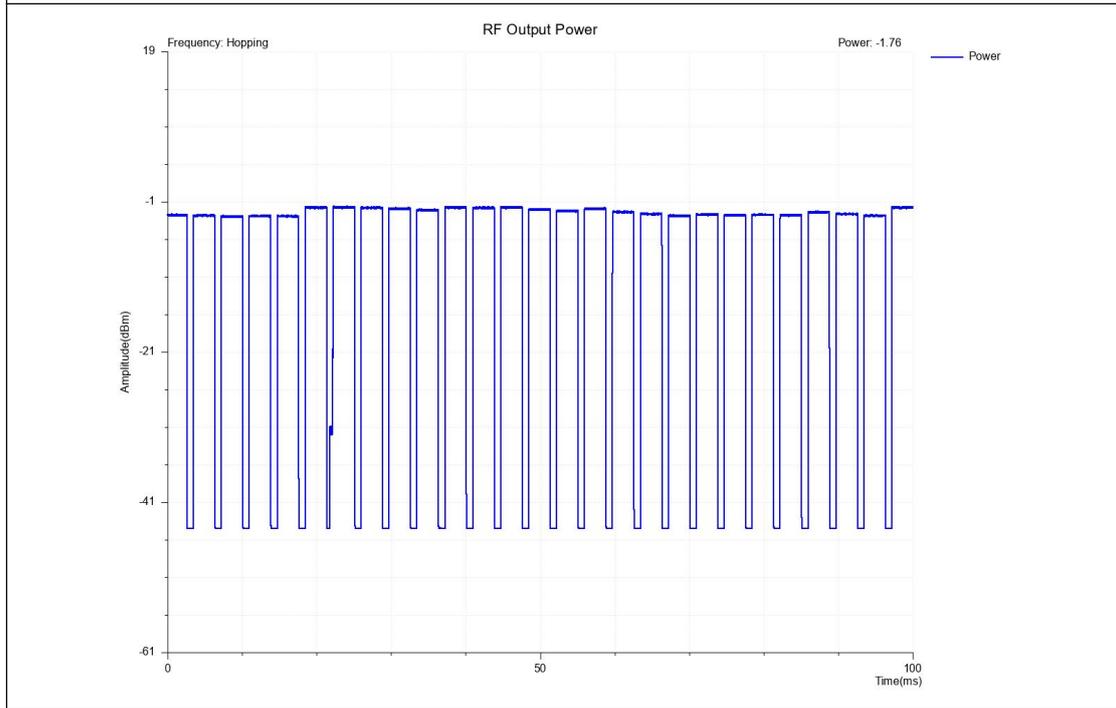
**Appendix C: RF output power (Hopping)**

Condition	Antenna	Modulation	Frequency (MHz)	ANT_Gain(dBi)	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Result
NVNT	ANT1	2.4G	Hopping	1.75	-1.81	27	-0.06	20	Pass
NVLT	ANT1	2.4G	Hopping	1.75	-1.81	28	-0.06	20	Pass
NVHT	ANT1	2.4G	Hopping	1.75	-1.76	27	-0.01	20	Pass





**NVHT\_ANT1\_2.4G\_Power\_Hopping**



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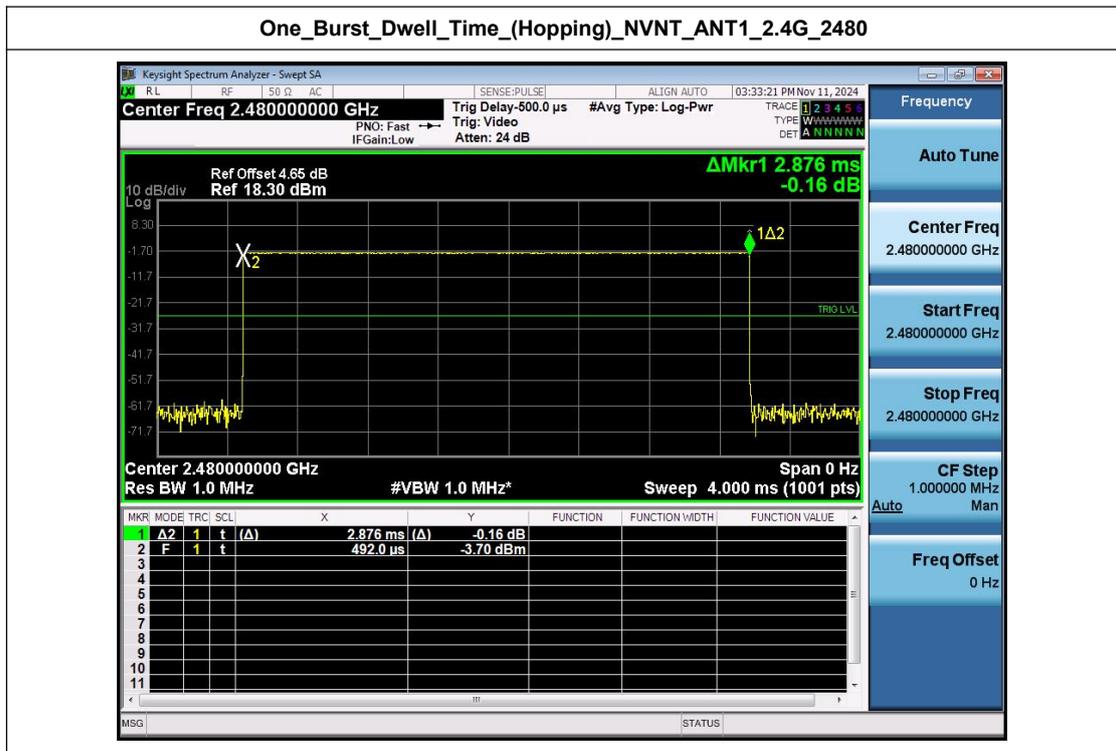
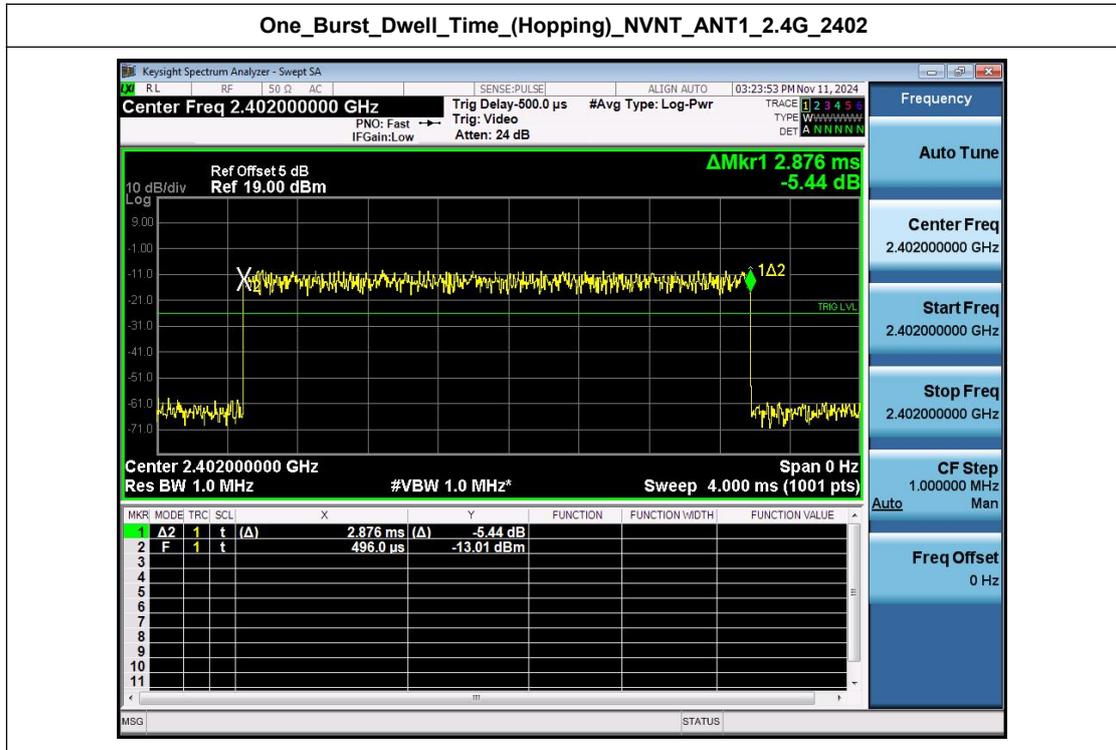
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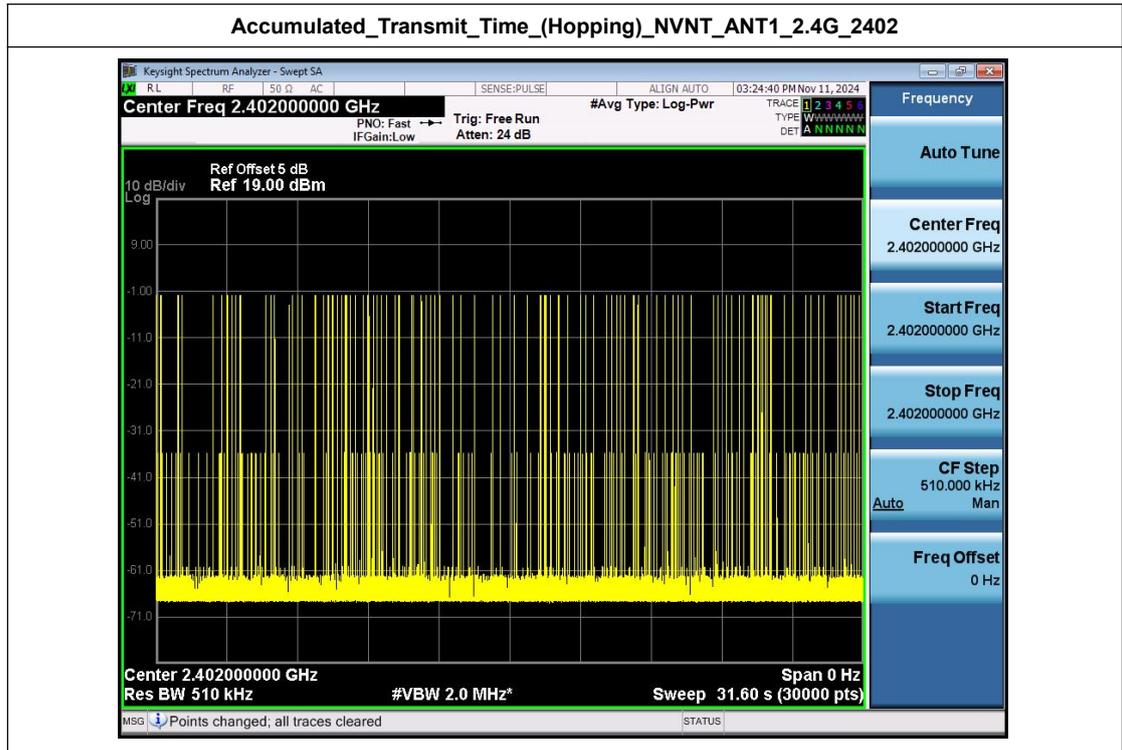
**Appendix D: One Burst Dwell Time (Hopping)**

Condition	Antenna	Modulation	Pulse Time(ms)
NVNT	ANT1	2.4G	2.876
NVNT	ANT1	2.4G	2.876



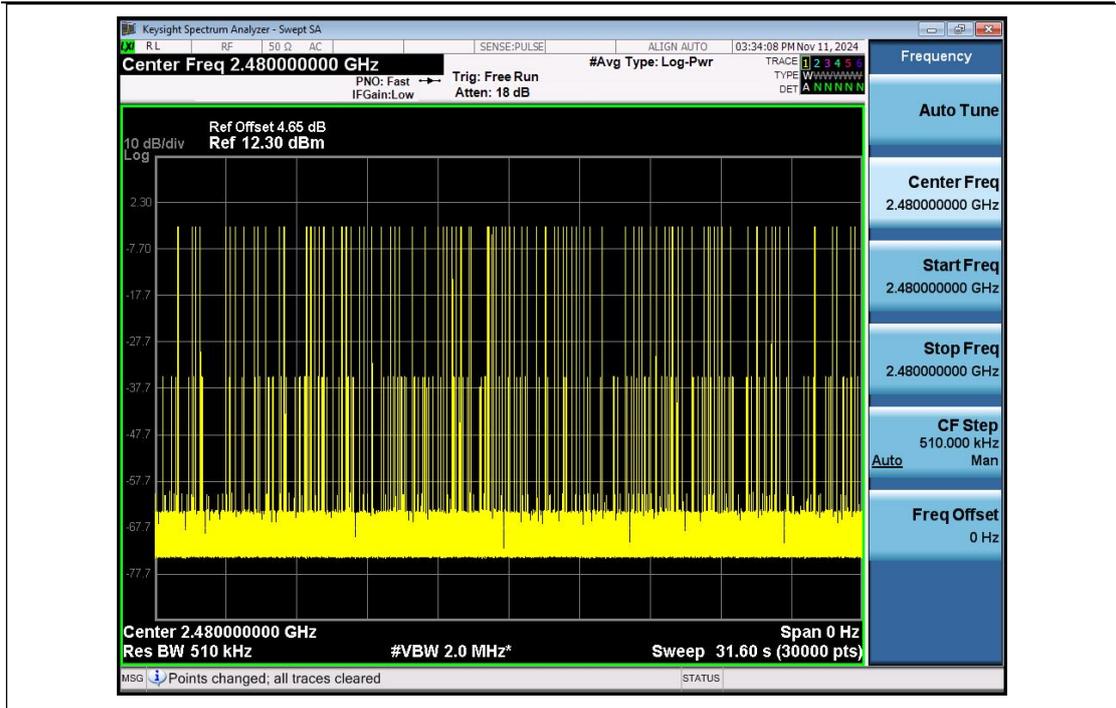
### Appendix E: Accumulated Transmit Time (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Accumulated Transmit Time(ms)	Limit(ms)	Sweep Time(ms)	Burst Number	Result
NVNT	ANT1	2.4G	2402.00	319.236	400	31600	111	Pass
NVNT	ANT1	2.4G	2480.00	299.104	400	31600	104	Pass



**Accumulated\_Transmit\_Time\_(Hopping)\_NVNT\_ANT1\_2.4G\_2480**





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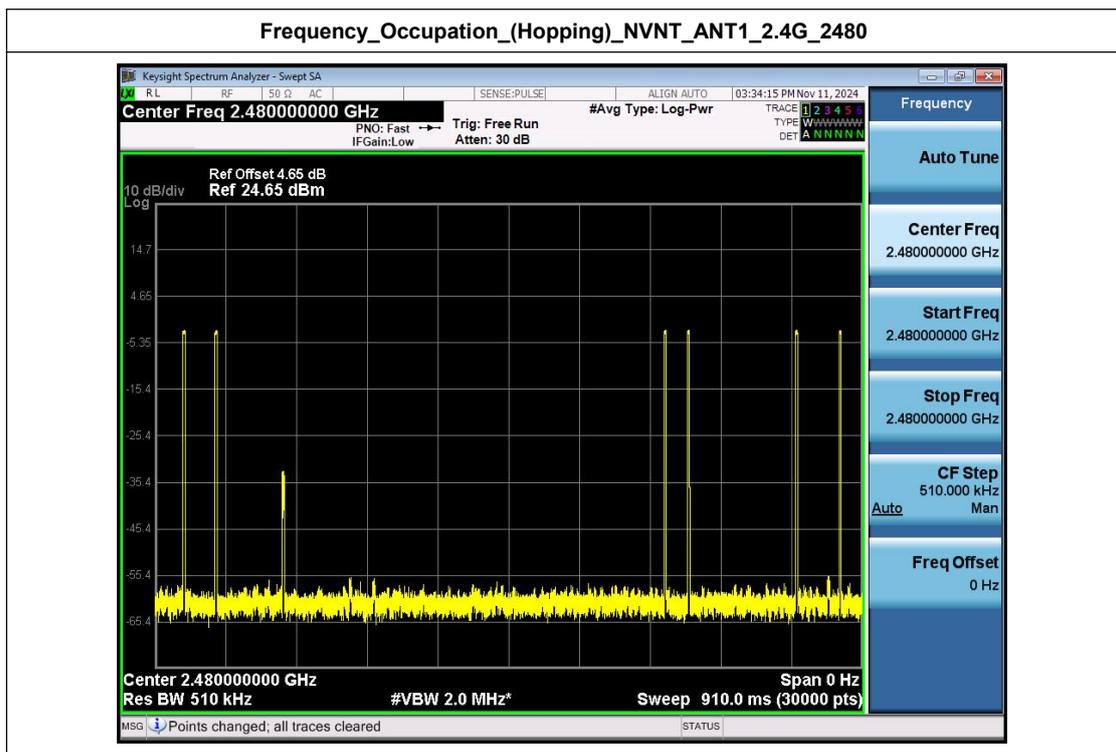
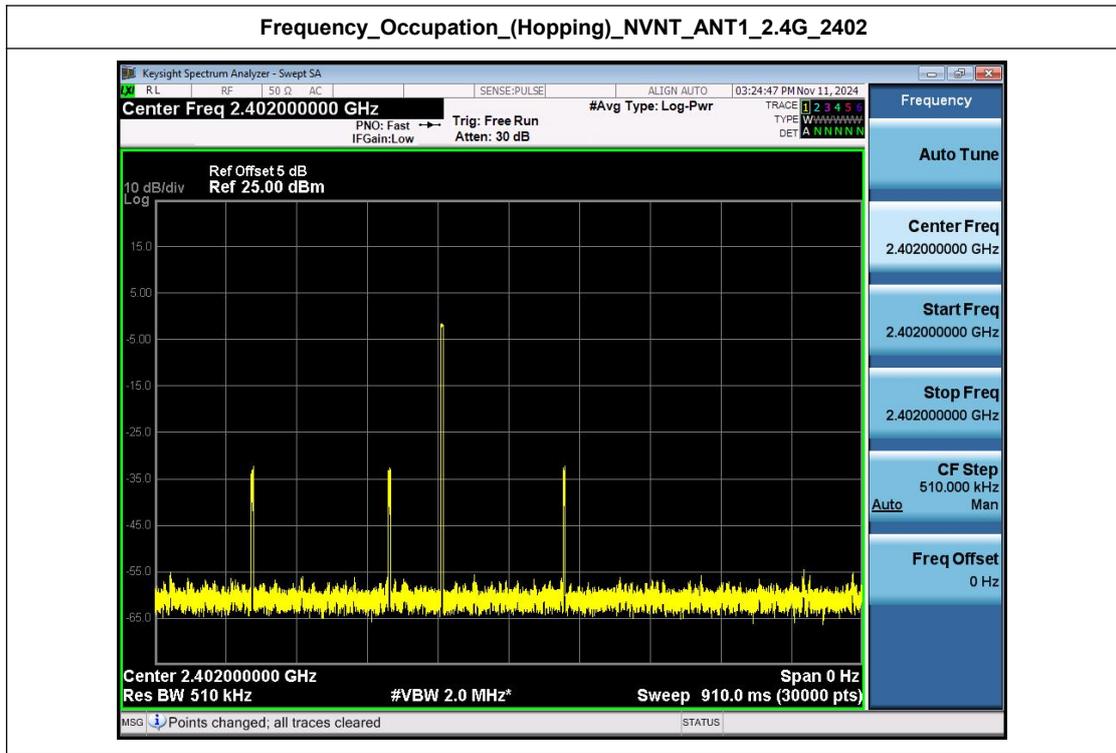
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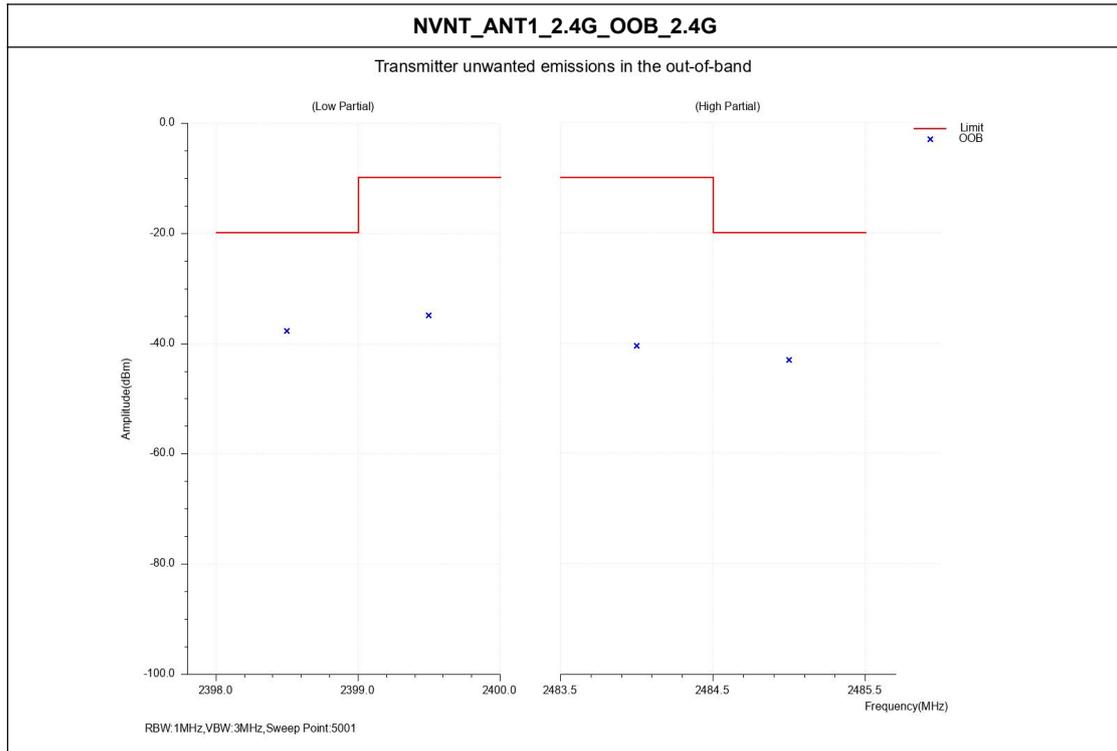
### Appendix F: Frequency Occupation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Frequency Occupation(ms)	Sweep Time(ms)	Burst Number	Limit	Result
NVNT	ANT1	2.4G	2402.00	2.876	908.82	1	>0	Pass
NVNT	ANT1	2.4G	2480.00	17.256	908.82	6	>0	Pass



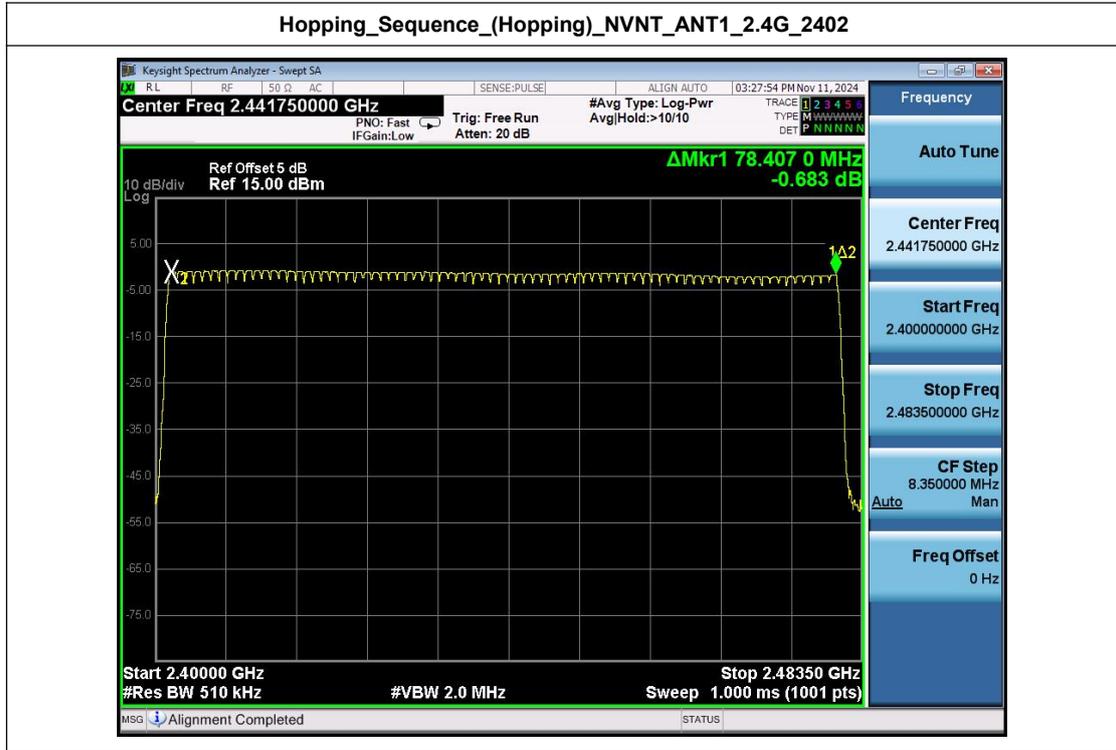
**Appendix G: OOB (Hopping)**

Condition	Antenna	Modulation	Frequency(MHz)	OOB Frequency(MHz)	Level(dBM/MHz)	Limit(MHz)	Result
NVNT	ANT1	2.4G	Hopping	2399.50	-34.94	-10	Pass
NVNT	ANT1	2.4G	Hopping	2398.50	-37.75	-20	Pass
NVNT	ANT1	2.4G	Hopping	2484.00	-40.46	-10	Pass
NVNT	ANT1	2.4G	Hopping	2485.00	-42.99	-20	Pass



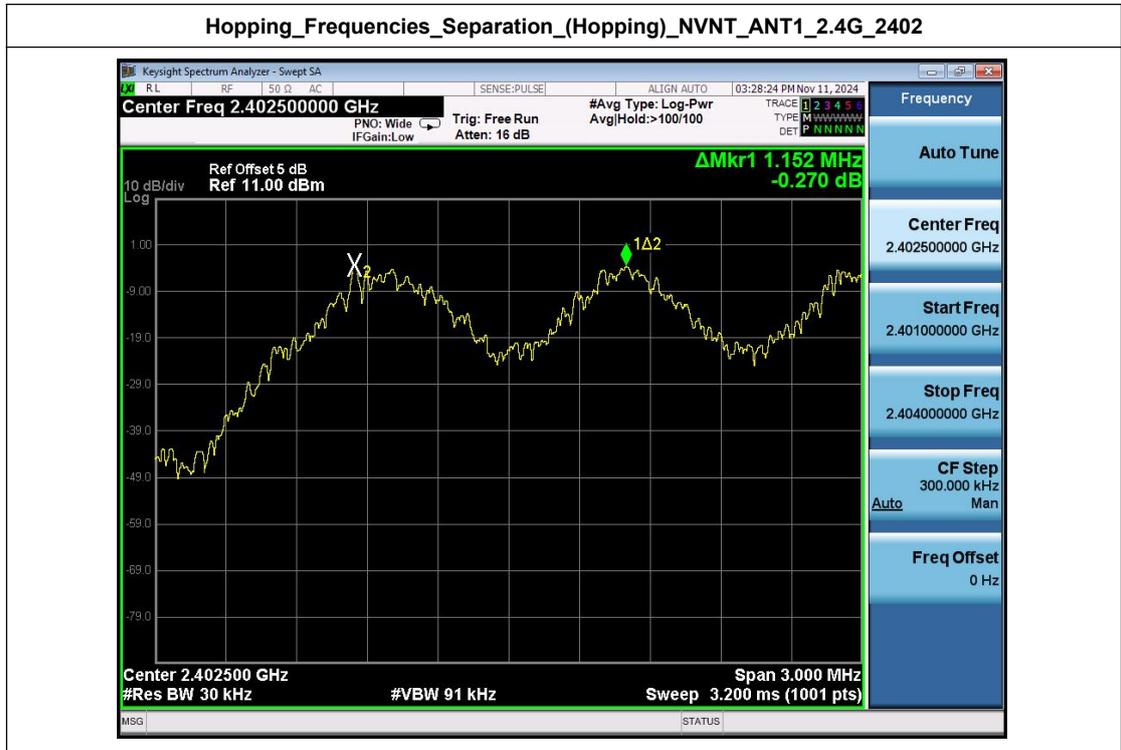
### Appendix H: Hopping Sequence (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Band Allocation(%)	Limit Band Allocation(%)	Result
NVNT	ANT1	2.4G	79	15	93.9	70	Pass



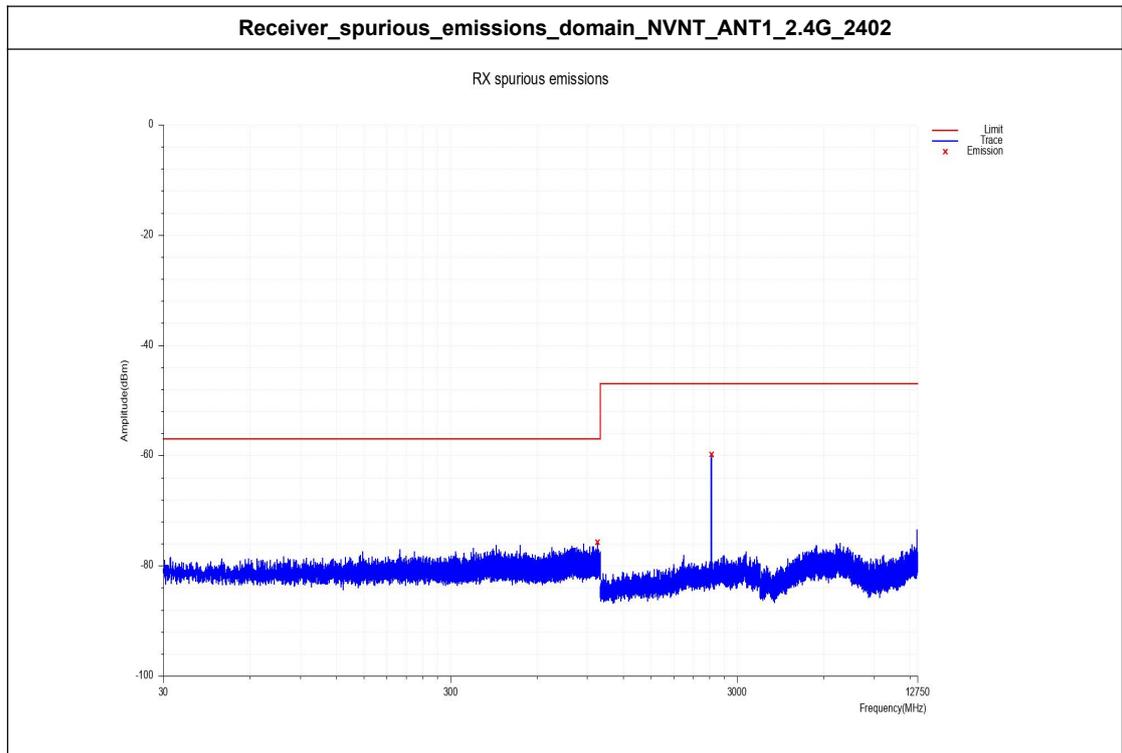
### Appendix I: Hopping Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Hopping_Frequency_Separation(kHz)	Limit (kHz)	Result
NVNT	ANT1	2.4G	2402.00	2401.846	2402.998	1152.00	>=100	Pass



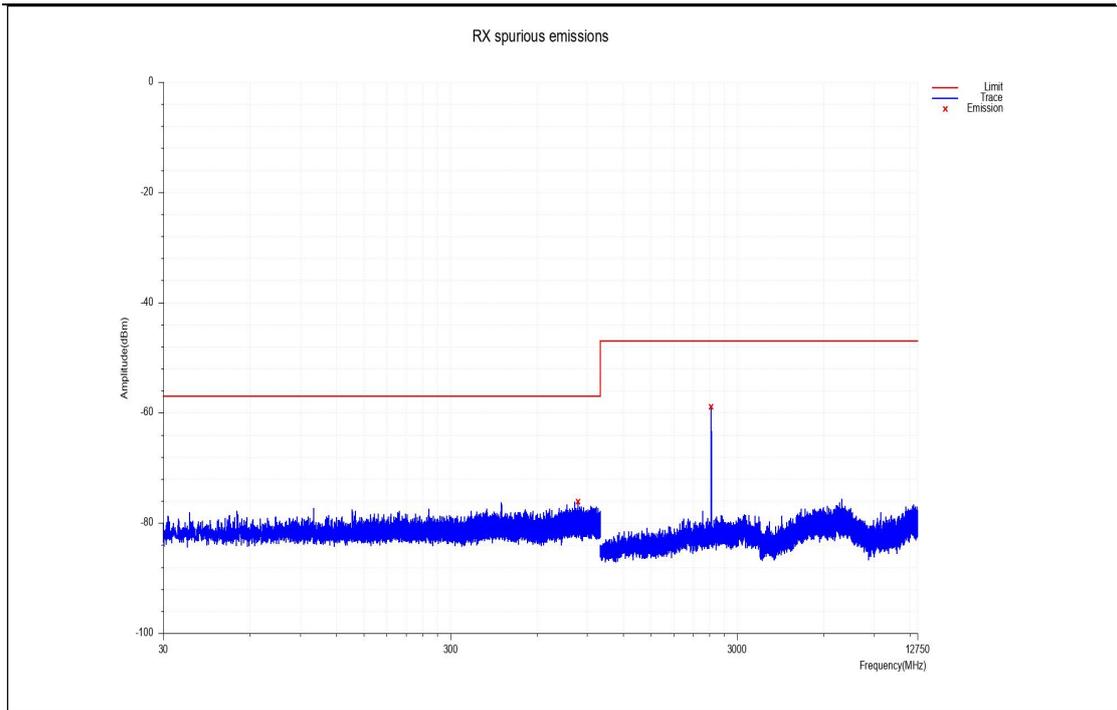
**Appendix J: Receiver spurious emissions domain**

Condition	Antenna	Modulation	Frequency (MHz)	Range	Spur Freq (MHz)	Spur Freq Peak (dBm)	Spur Level RMS (dBm)	Limit (dBm)	Result
NVNT	ANT1	2.4G	2402.00	30.00~1000.00	977.27	-75.73	N/A	-57	Pass
NVNT	ANT1	2.4G	2402.00	1000.00~12750.00	2438.59	-59.82	N/A	-47	Pass
NVNT	ANT1	2.4G	2480.00	30.00~1000.00	836.04	-76.18	N/A	-57	Pass
NVNT	ANT1	2.4G	2480.00	1000.00~12750.00	2435.85	-58.98	N/A	-47	Pass



**Receiver\_spurious\_emissions\_domain\_NVNT\_ANT1\_2.4G\_2480**





---END---

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