



Appendix E for BT Test Data

Product Name:Media Player

Test Model: Stix3800

Environmental Conditions

Temperature:	23.3° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng





E.1 RF Output Power

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	1.98	20	Pass
NVNT	1-DH5	2480	2.31	20	Pass
NVNT	2-DH5	2402	0.78	20	Pass
NVNT	2-DH5	2480	0.96	20	Pass
NVNT	3-DH5	2402	1.88	20	Pass
NVNT	3-DH5	2480	1.96	20	Pass

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVLT	1-DH5	2402	1.89	20	Pass
NVLT	1-DH5	2480	2.26	20	Pass
NVLT	2-DH5	2402	0.72	20	Pass
NVLT	2-DH5	2480	0.88	20	Pass
NVLT	3-DH5	2402	1.78	20	Pass
NVLT	3-DH5	2480	1.93	20	Pass

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	1-DH5	2402	1.81	20	Pass
NVHT	1-DH5	2480	2.16	20	Pass
NVHT	2-DH5	2402	0.66	20	Pass
NVHT	2-DH5	2480	0.84	20	Pass
NVHT	3-DH5	2402	1.73	20	Pass
NVHT	3-DH5	2480	1.89	20	Pass

***Note: 20 bursts had been captured for power measurement.

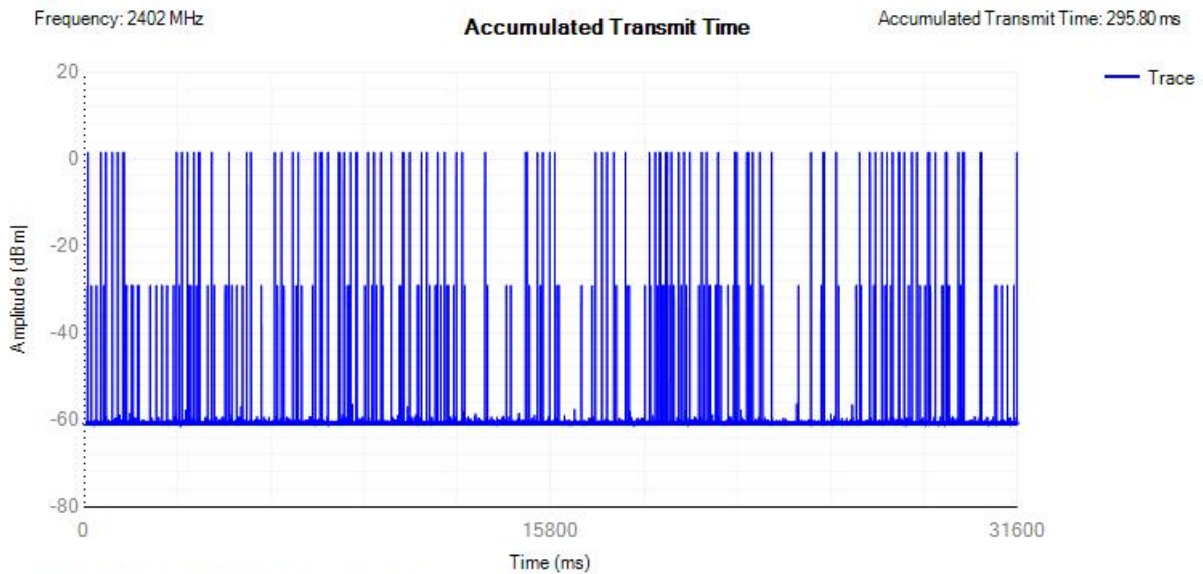




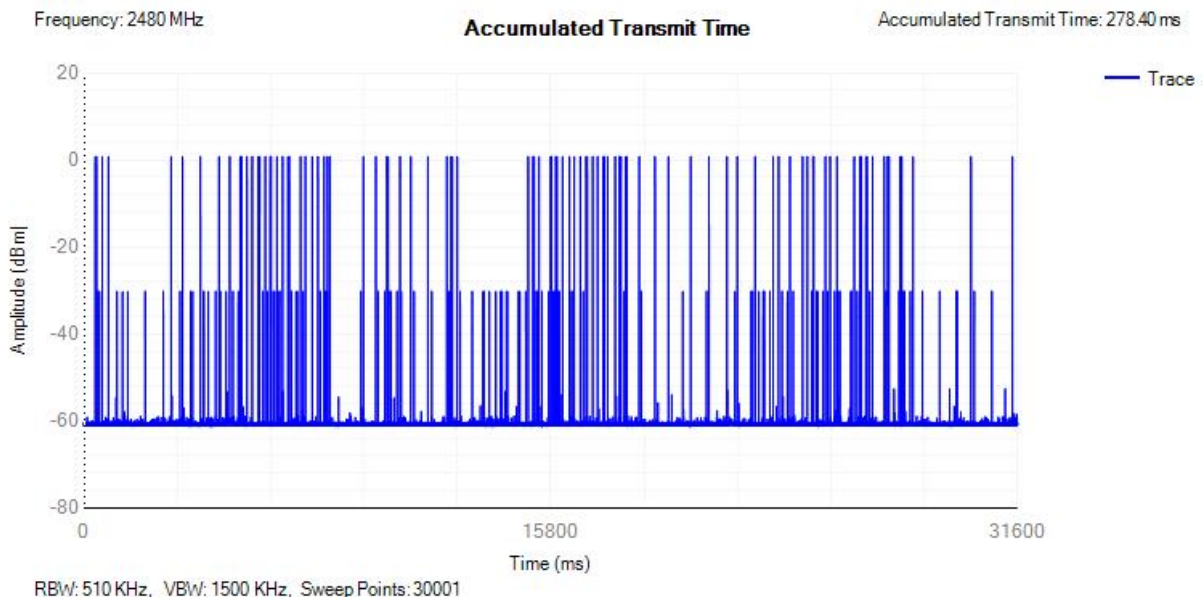
E.2 Accumulated Transmit Time

Condition	Mode	Frequency (MHz)	Accumulated Transmit Time (ms)	Limit (ms)	Sweep Time (ms)	Burst Number	Verdict
NVNT	1-DH5	2402	295.8	400	31600	102	Pass
NVNT	1-DH5	2480	278.4	400	31600	96	Pass
NVNT	2-DH5	2402	286	400	31600	104	Pass
NVNT	2-DH5	2480	272.25	400	31600	99	Pass
NVNT	3-DH5	2402	310.75	400	31600	113	Pass
NVNT	3-DH5	2480	280.5	400	31600	102	Pass

Dwell NVNT 1-DH5 2402MHz

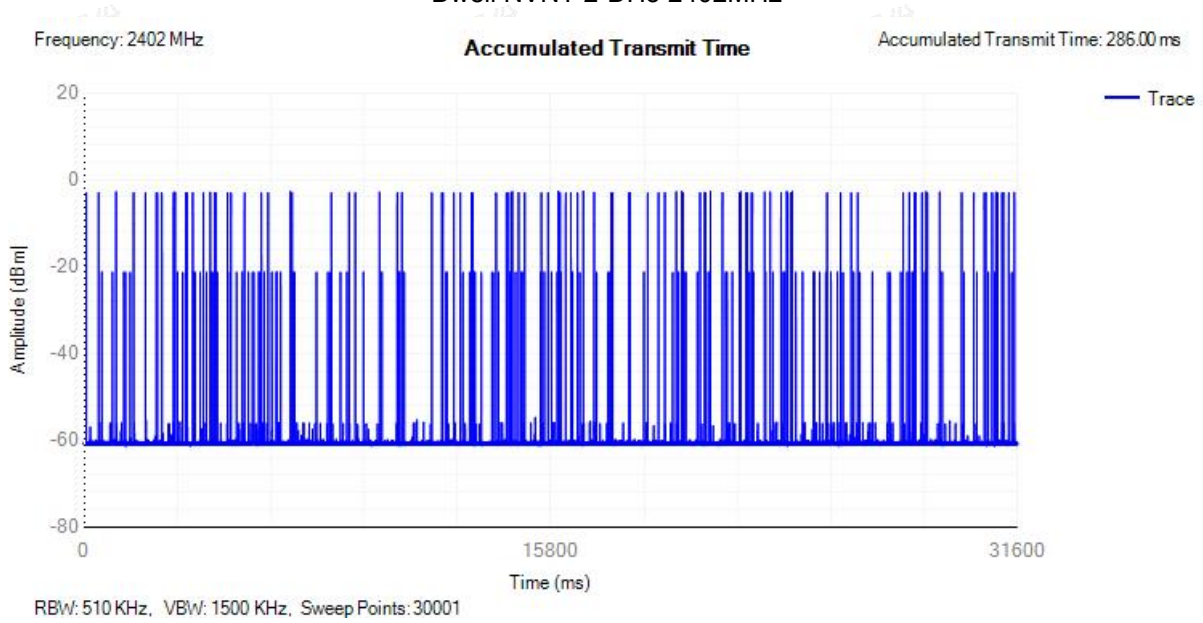


Dwell NVNT 1-DH5 2480MHz

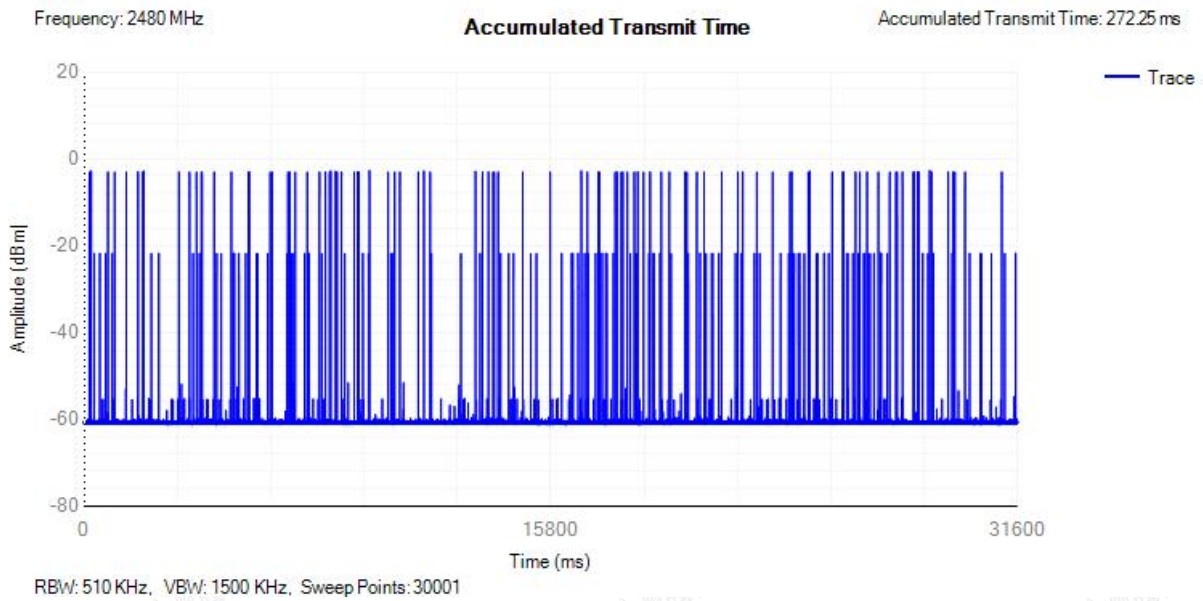




Dwell NVNT 2-DH5 2402MHz

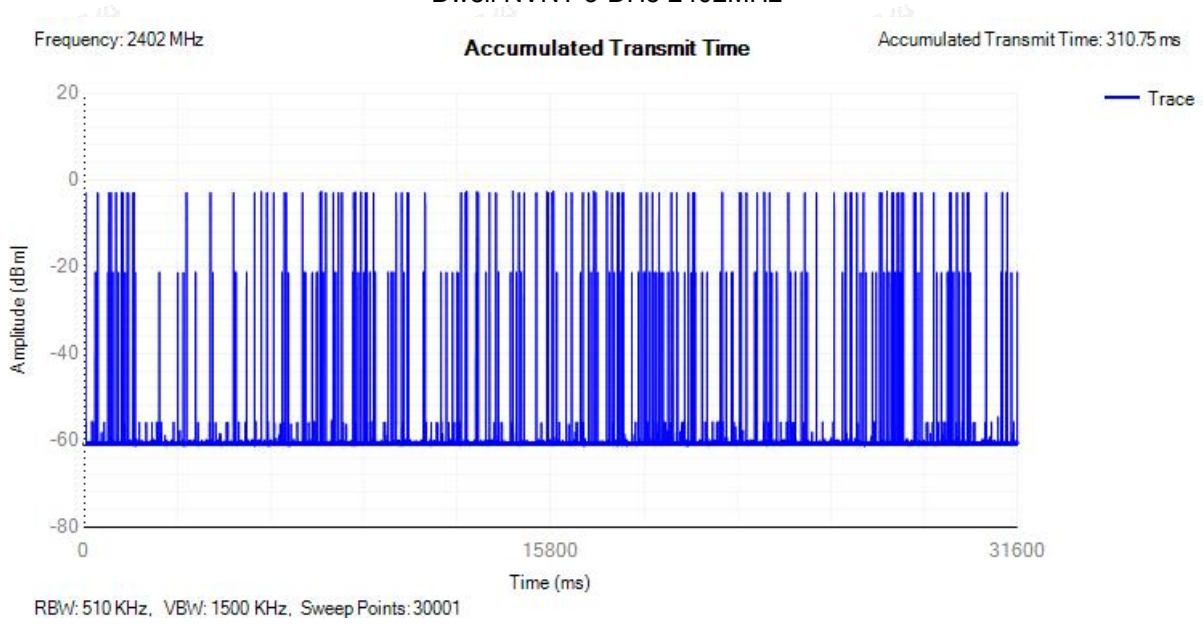


Dwell NVNT 2-DH5 2480MHz

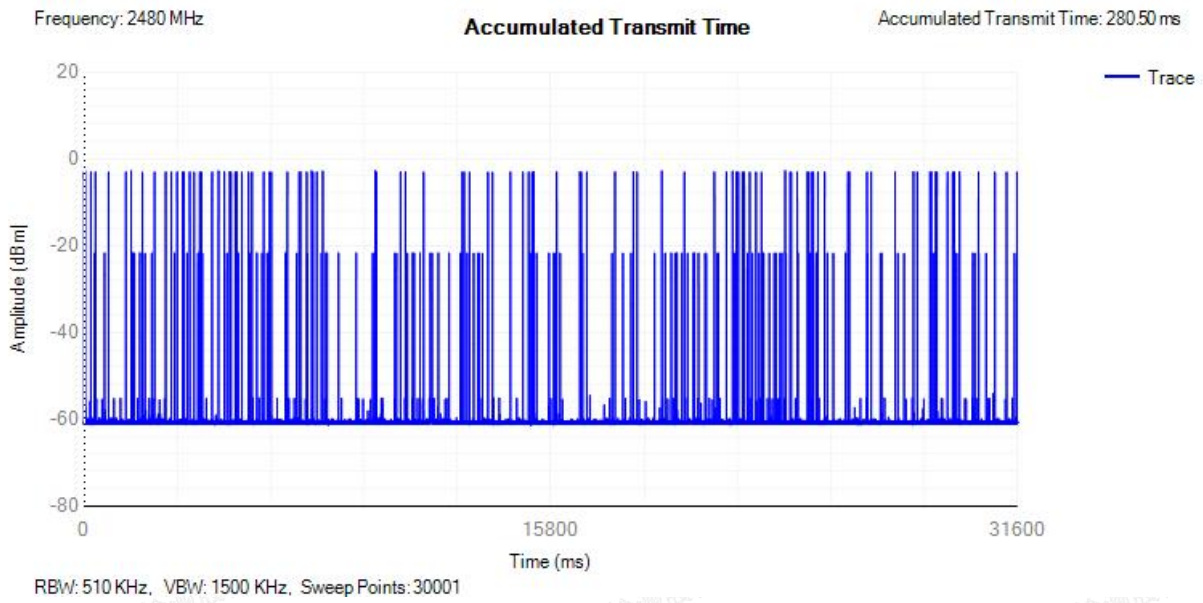




Dwell NVNT 3-DH5 2402MHz



Dwell NVNT 3-DH5 2480MHz

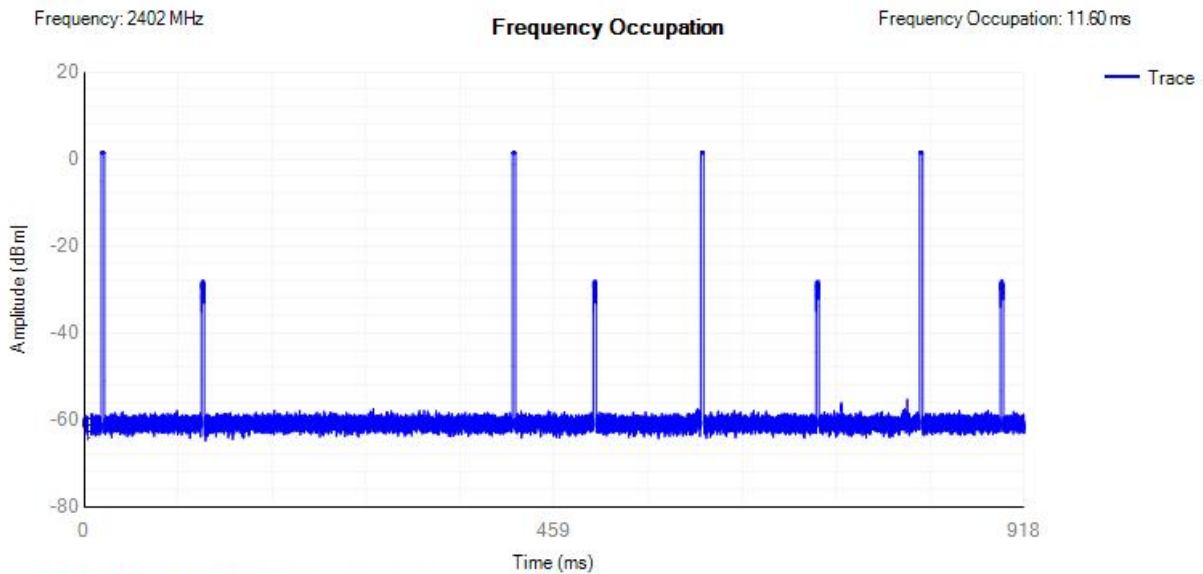




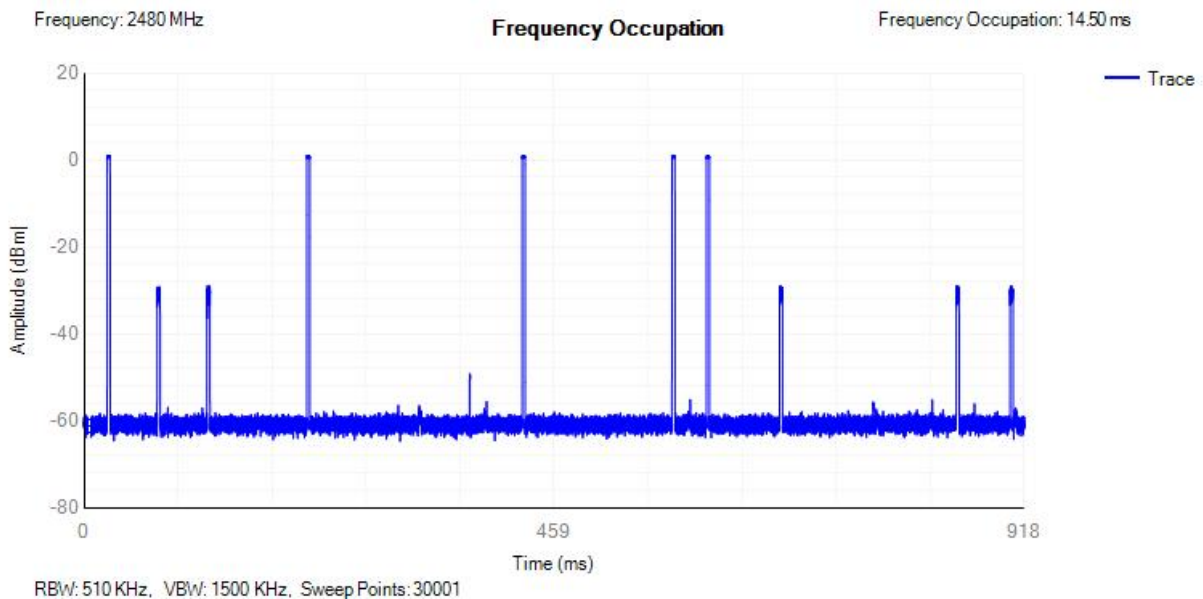
E.3 Frequency Occupation

Condition	Mode	Frequency (MHz)	Frequency Occupation (ms)	Limit (ms)	Sweep Time (ms)	Burst Number	Verdict
NVNT	1-DH5	2402	11.6	0	916.4	4	Pass
NVNT	1-DH5	2480	14.5	0	916.4	5	Pass
NVNT	2-DH5	2402	0	0	869	0	Pass
NVNT	2-DH5	2480	0	0	869	0	Pass
NVNT	3-DH5	2402	11	0	869	4	Pass
NVNT	3-DH5	2480	8.25	0	869	3	Pass

Freq. Occup. NVNT 1-DH5 2402MHz

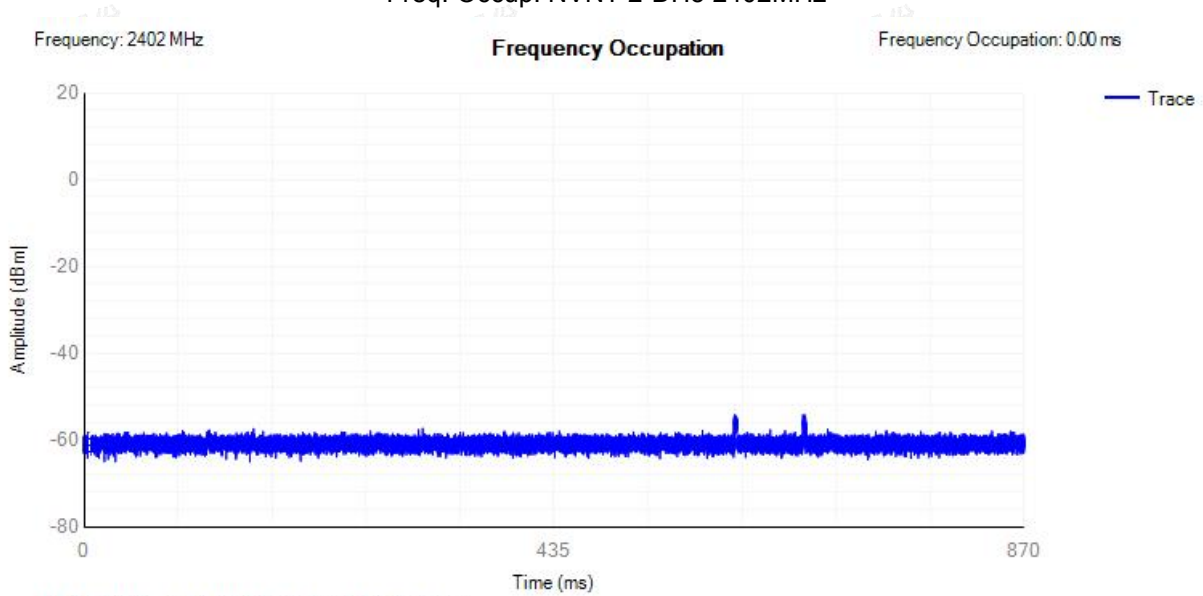


Freq. Occup. NVNT 1-DH5 2480MHz

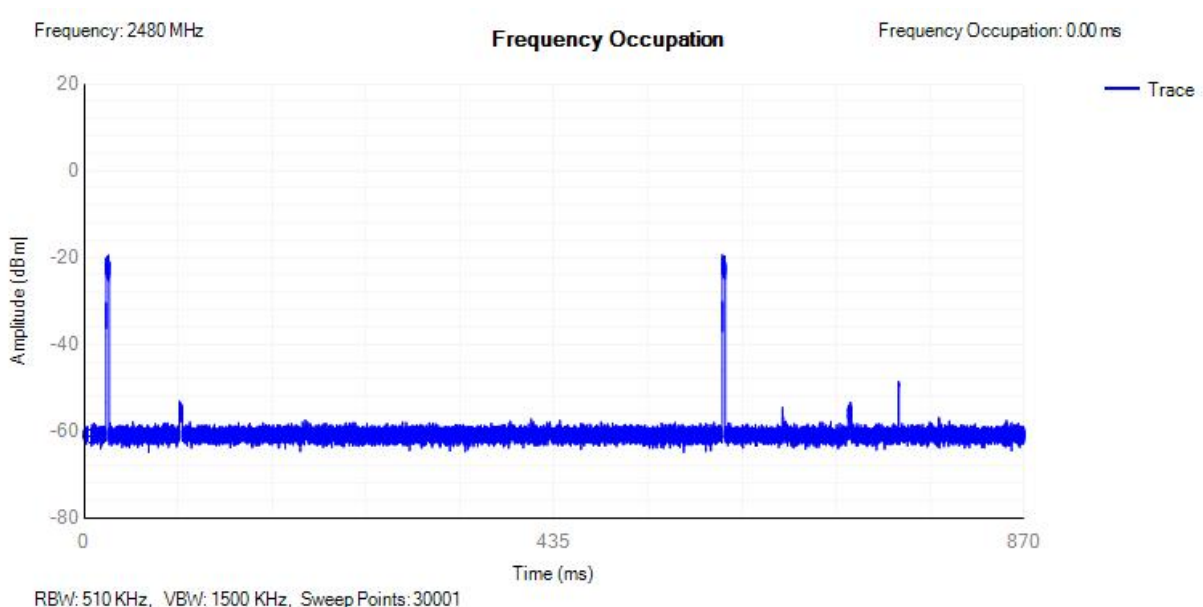




Freq. Occup. NVNT 2-DH5 2402MHz



Freq. Occup. NVNT 2-DH5 2480MHz



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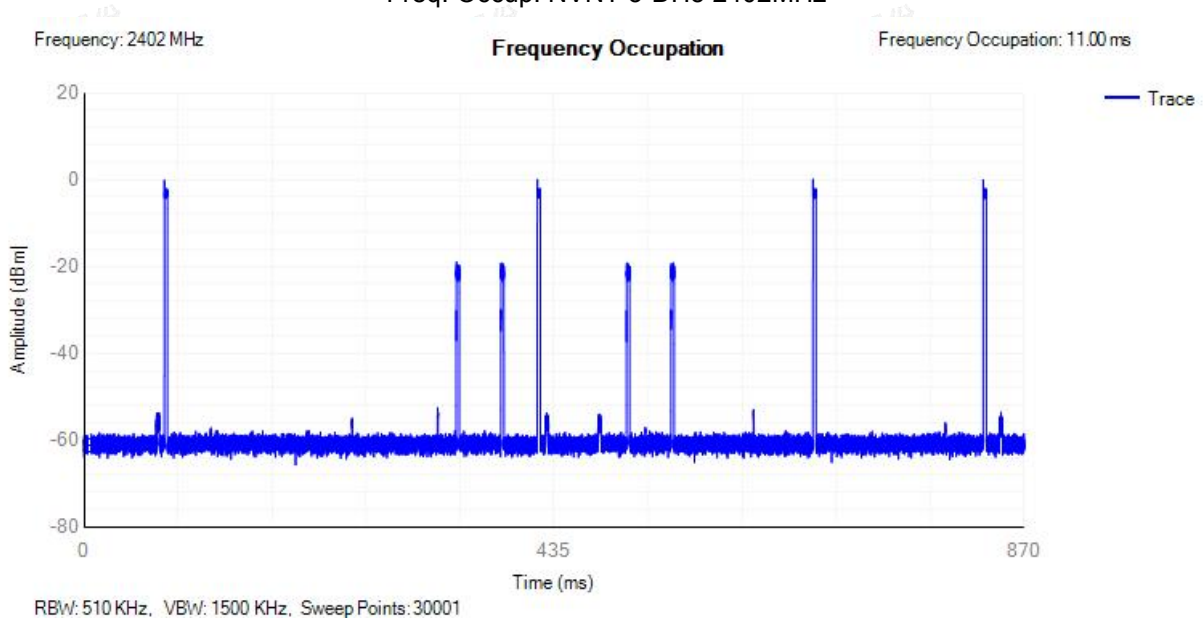
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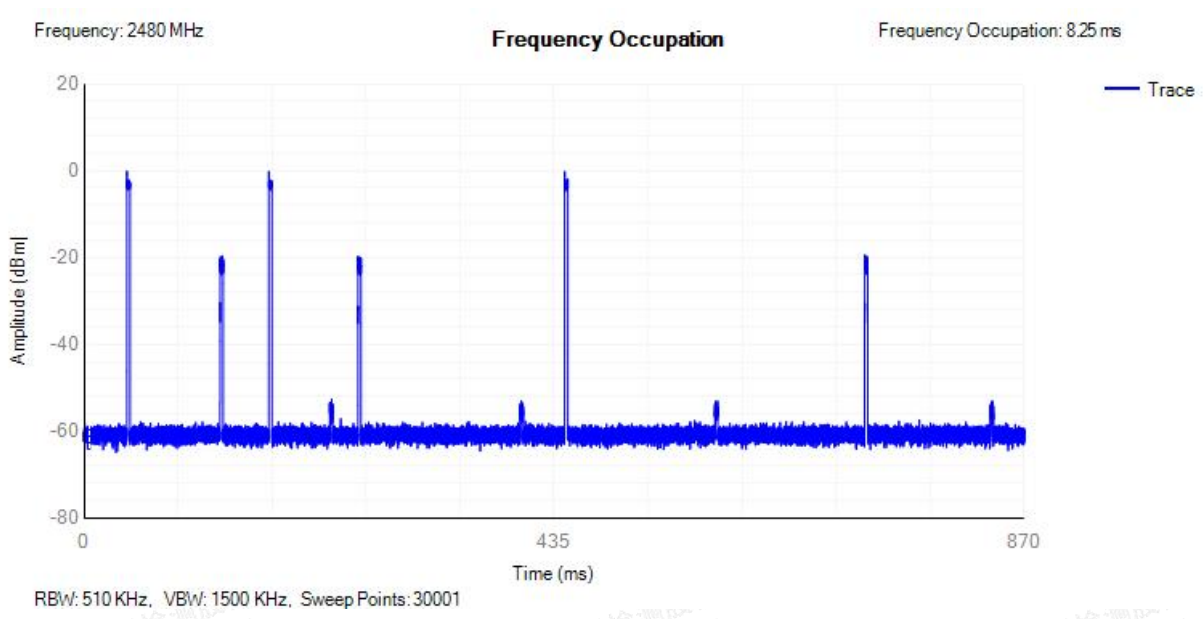




Freq. Occup. NVNT 3-DH5 2402MHz



Freq. Occup. NVNT 3-DH5 2480MHz

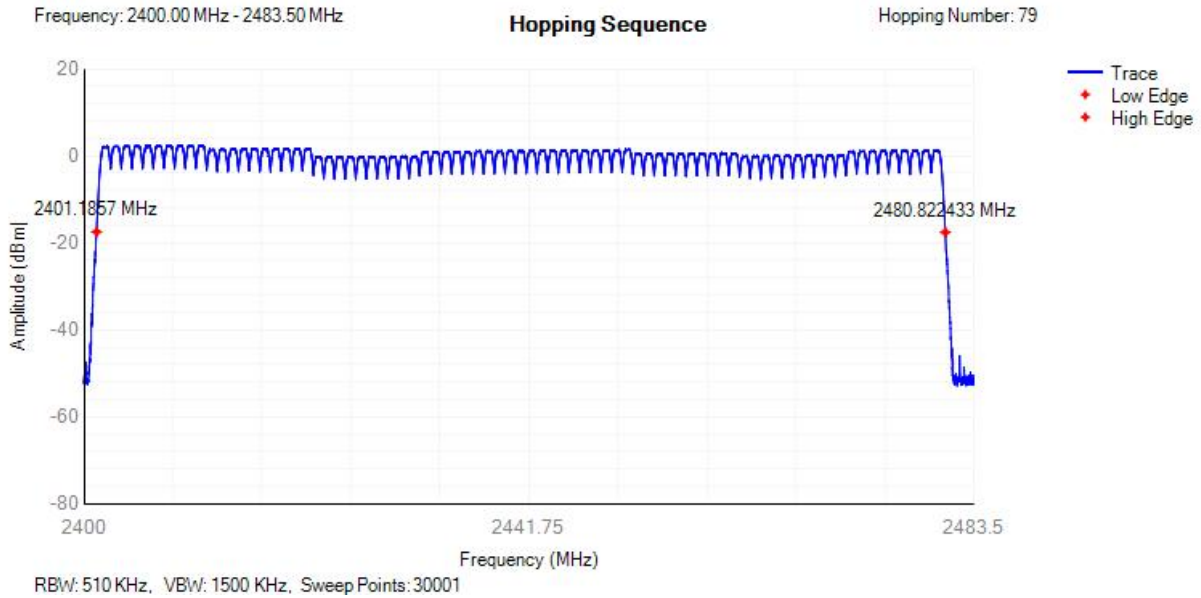




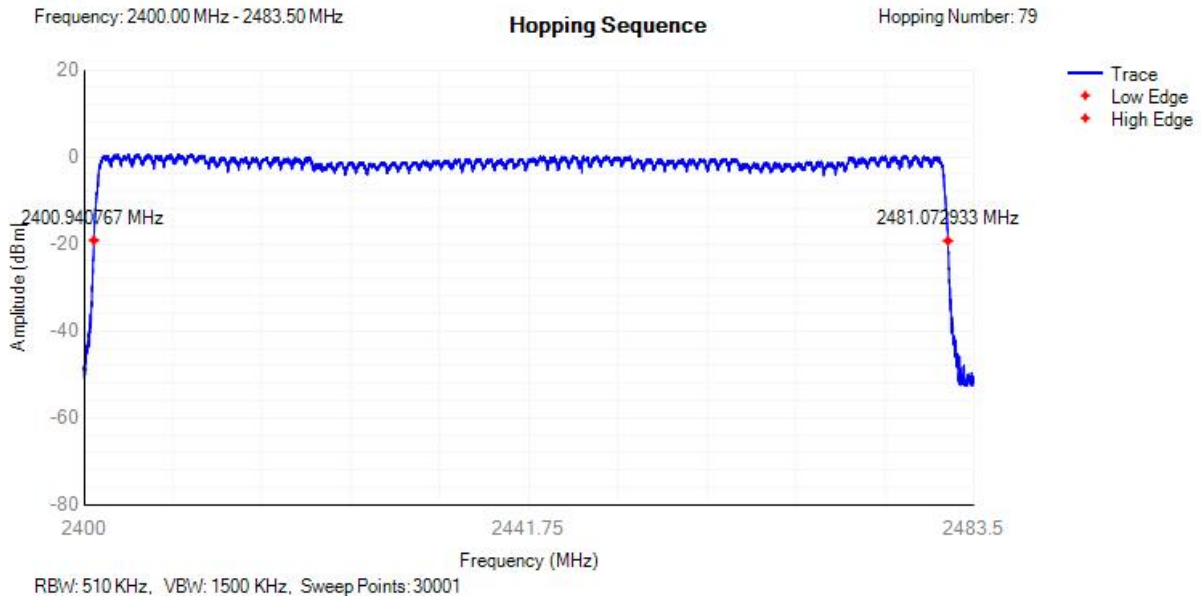
E.4 Hopping Sequence

Condition	Mode	Hopping Number	Limit	Band Allocation (%)	Limit Band Allocation (%)	Verdict
NVNT	1-DH5	79	15	95.37	70	Pass
NVNT	2-DH5	79	15	95.96	70	Pass
NVNT	3-DH5	79	15	95.94	70	Pass

Hopping Seq. NVNT 1-DH5 2402MHz

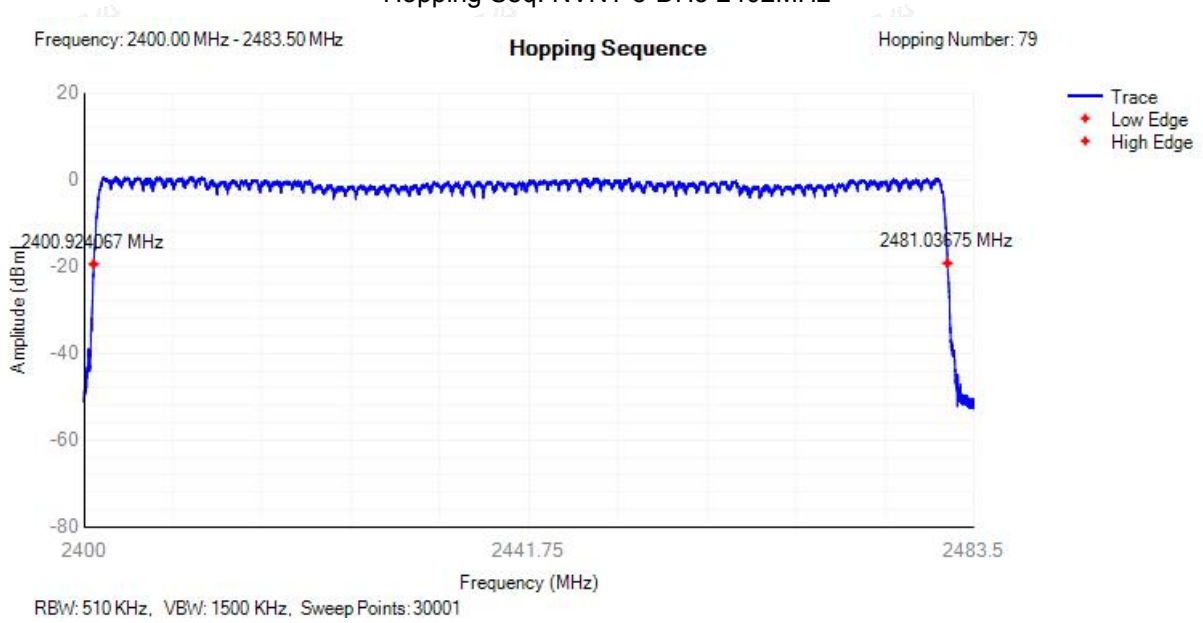


Hopping Seq. NVNT 2-DH5 2402MHz





Hopping Seq. NVNT 3-DH5 2402MHz



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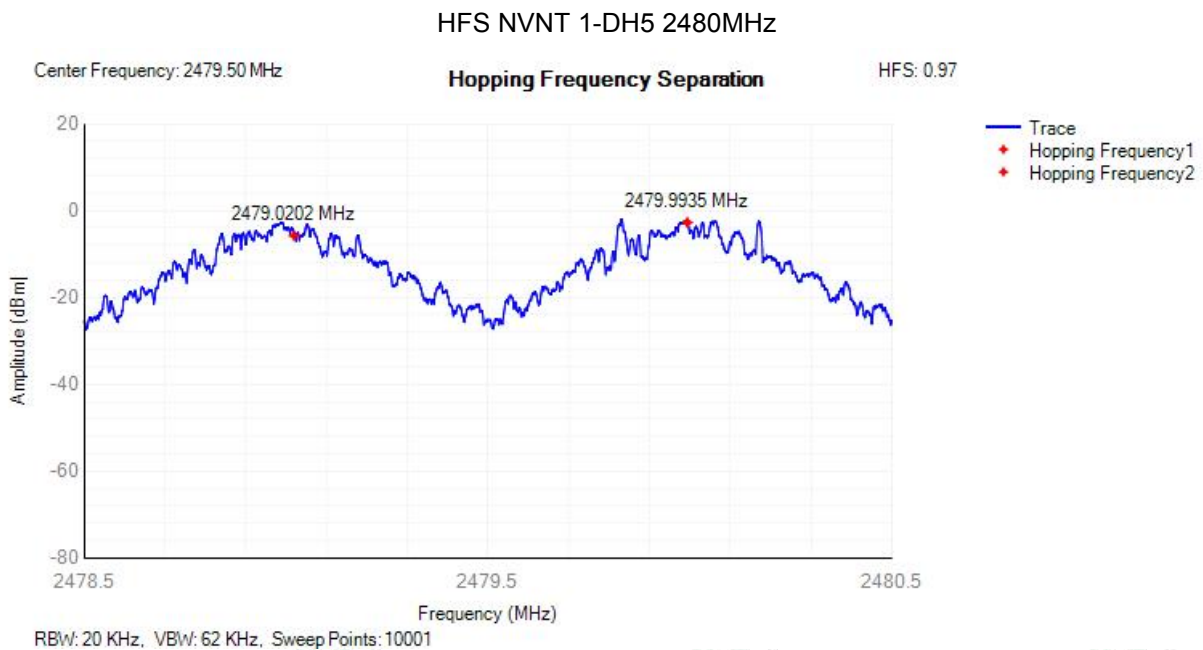
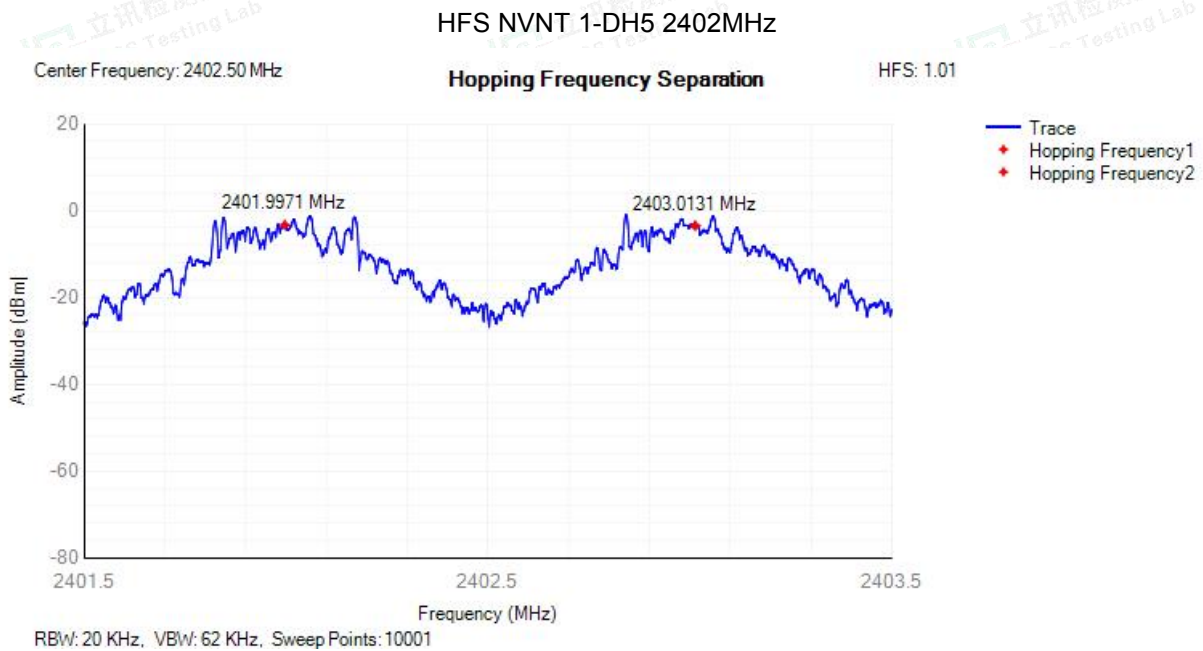
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E.5 Hopping Frequency Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.9971	2403.0131	1.01	0.1	Pass
NVNT	1-DH5	2479.0202	2479.9935	0.97	0.1	Pass
NVNT	2-DH5	2402.2362	2403.0804	0.84	0.1	Pass
NVNT	2-DH5	2479.1958	2479.9924	0.79	0.1	Pass
NVNT	3-DH5	2401.8725	2403.1125	1.24	0.1	Pass
NVNT	3-DH5	2478.9989	2479.9757	0.97	0.1	Pass



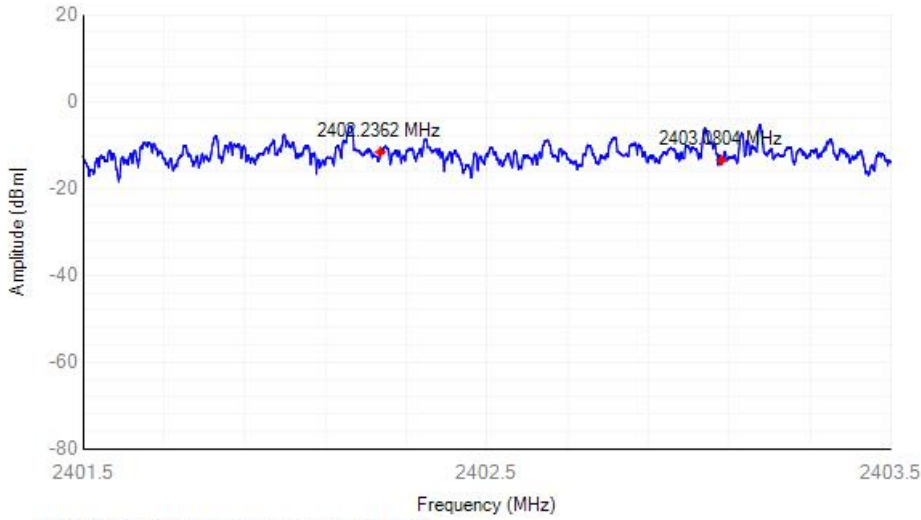


HFS NVNT 2-DH5 2402MHz

Center Frequency: 2402.50 MHz

Hopping Frequency Separation

HFS: 0.84



- Trace
- Hopping Frequency1
- Hopping Frequency2

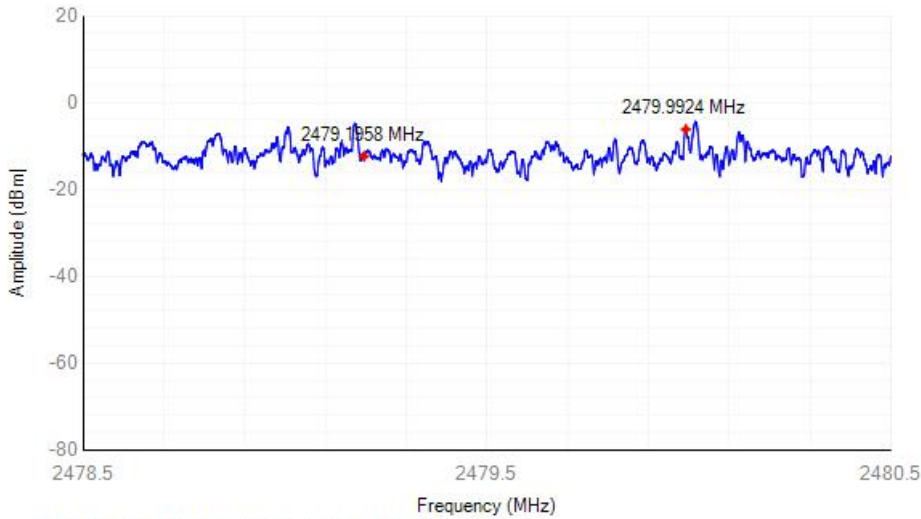
RBW: 20 KHz, VBW: 62 KHz, Sweep Points: 10001

HFS NVNT 2-DH5 2480MHz

Center Frequency: 2479.50 MHz

Hopping Frequency Separation

HFS: 0.79



- Trace
- Hopping Frequency1
- Hopping Frequency2

RBW: 20 KHz, VBW: 62 KHz, Sweep Points: 10001



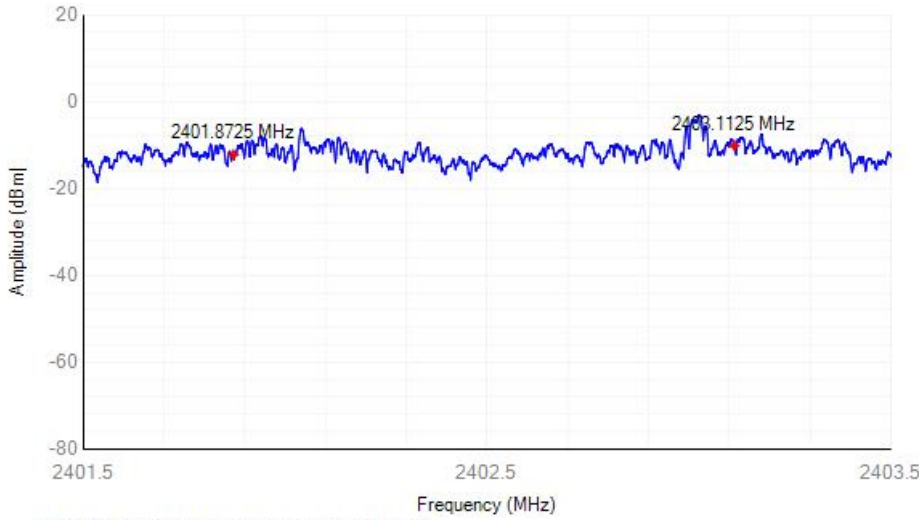


HFS NVNT 3-DH5 2402MHz

Center Frequency: 2402.50 MHz

Hopping Frequency Separation

HFS: 1.24



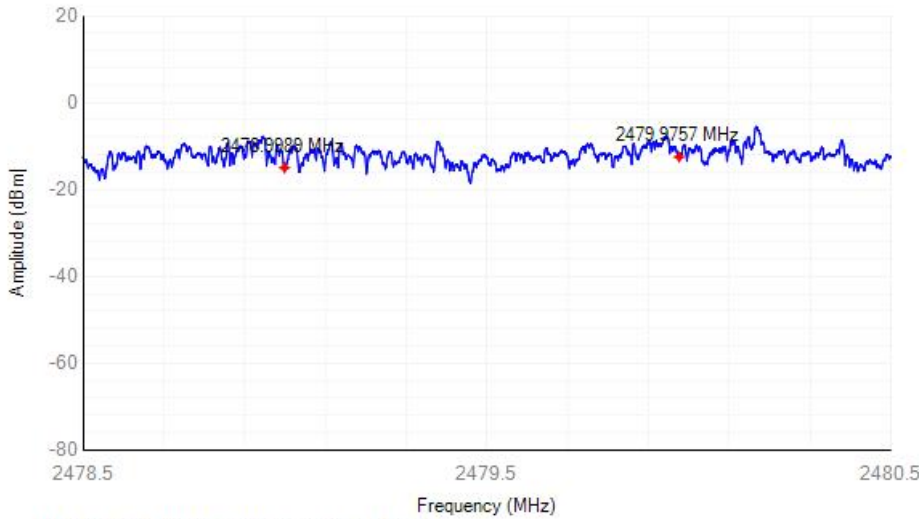
- Trace
- ♦ Hopping Frequency1
- ♦ Hopping Frequency2

HFS NVNT 3-DH5 2480MHz

Center Frequency: 2479.50 MHz

Hopping Frequency Separation

HFS: 0.97



- Trace
- ♦ Hopping Frequency1
- ♦ Hopping Frequency2

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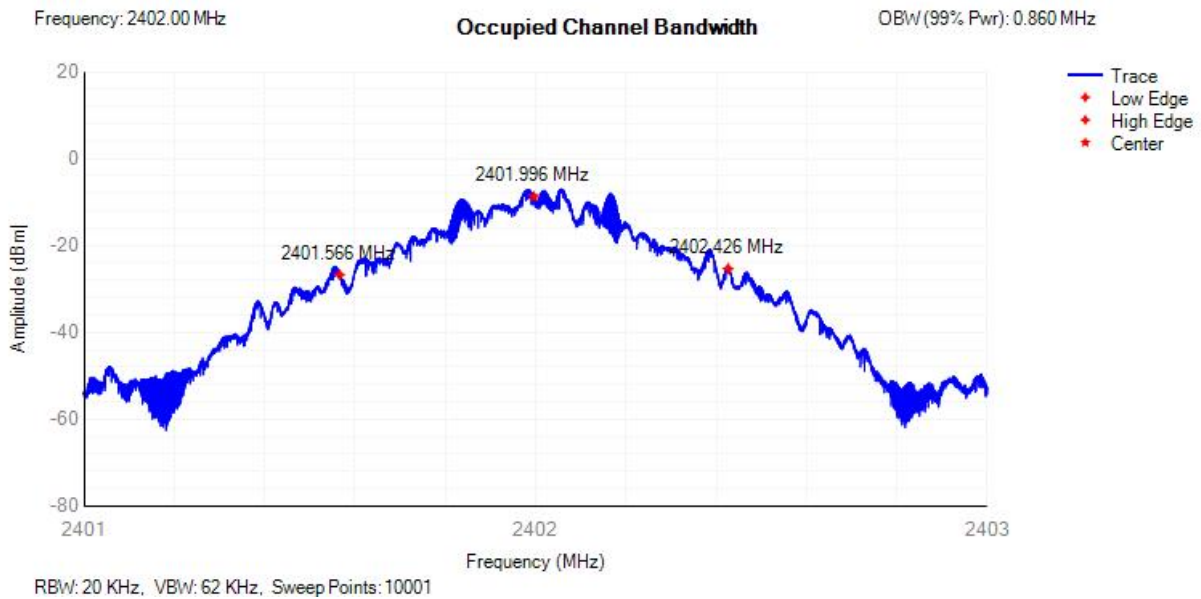




E.6 Occupied Channel Bandwidth

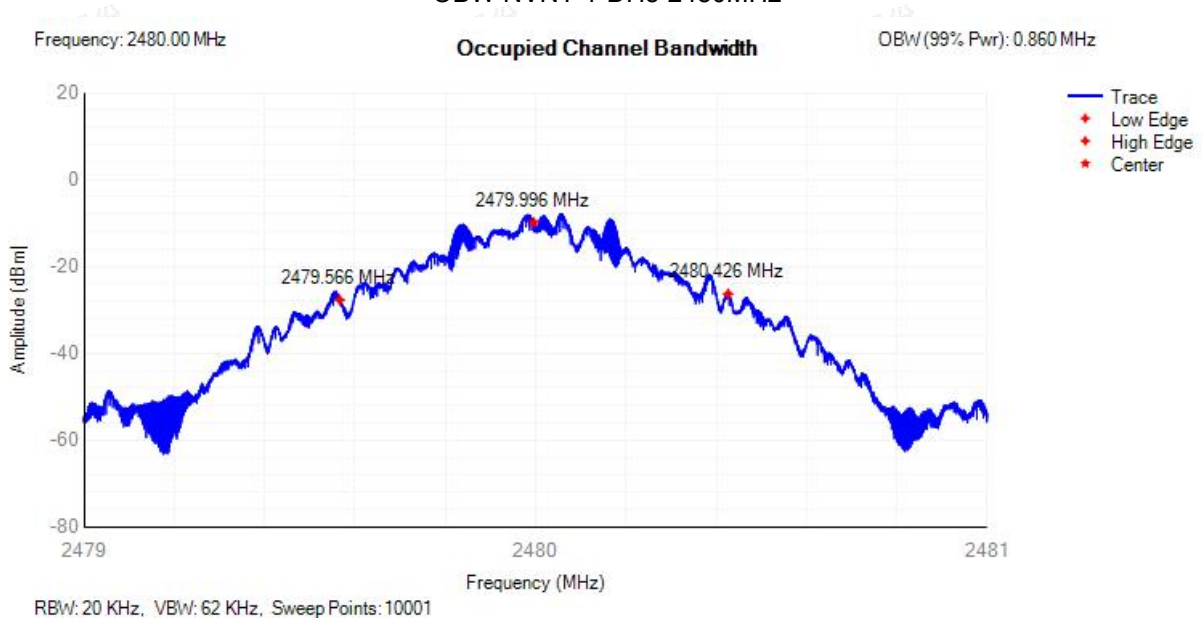
Condition	Mode	Frequency (MHz)	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	1-DH5	2402	2401.996	0.86	2401.566	2402.426	2400 - 2483.5MHz	Pass
NVNT	1-DH5	2480	2479.996	0.86	2479.566	2480.426	2400 - 2483.5MHz	Pass
NVNT	2-DH5	2402	2401.996	1.177	2401.408	2402.585	2400 - 2483.5MHz	Pass
NVNT	2-DH5	2480	2479.996	1.177	2479.408	2480.585	2400 - 2483.5MHz	Pass
NVNT	3-DH5	2402	2401.995	1.192	2401.399	2402.591	2400 - 2483.5MHz	Pass
NVNT	3-DH5	2480	2479.995	1.192	2479.398	2480.591	2400 - 2483.5MHz	Pass

OBW NVNT 1-DH5 2402MHz

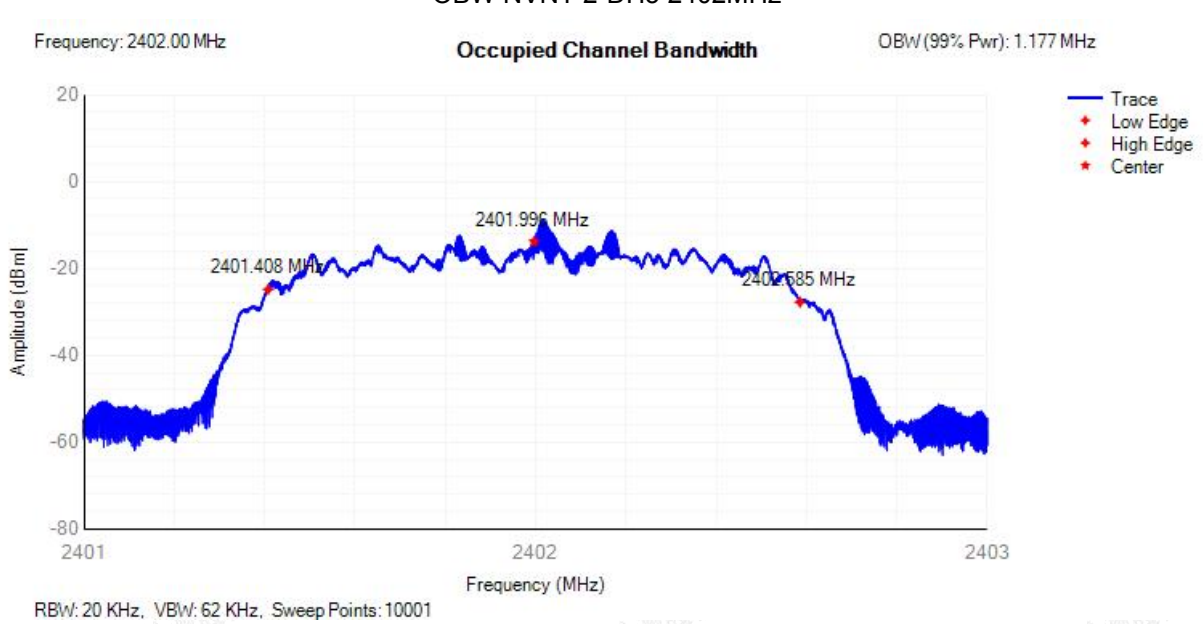




OBW NVNT 1-DH5 2480MHz

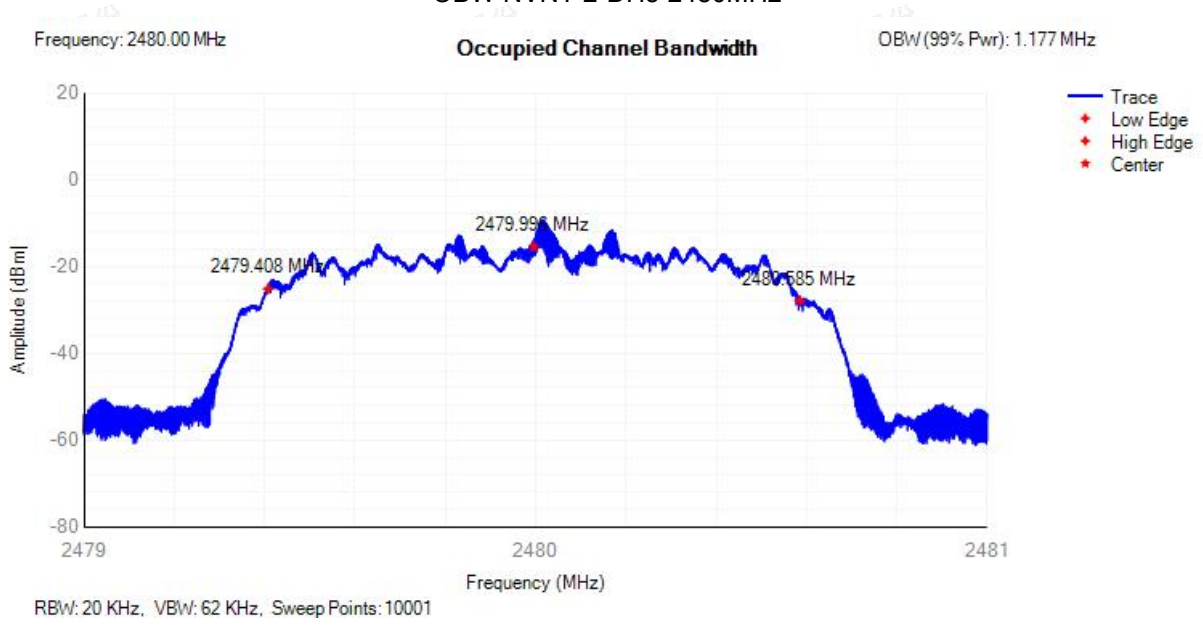


OBW NVNT 2-DH5 2402MHz

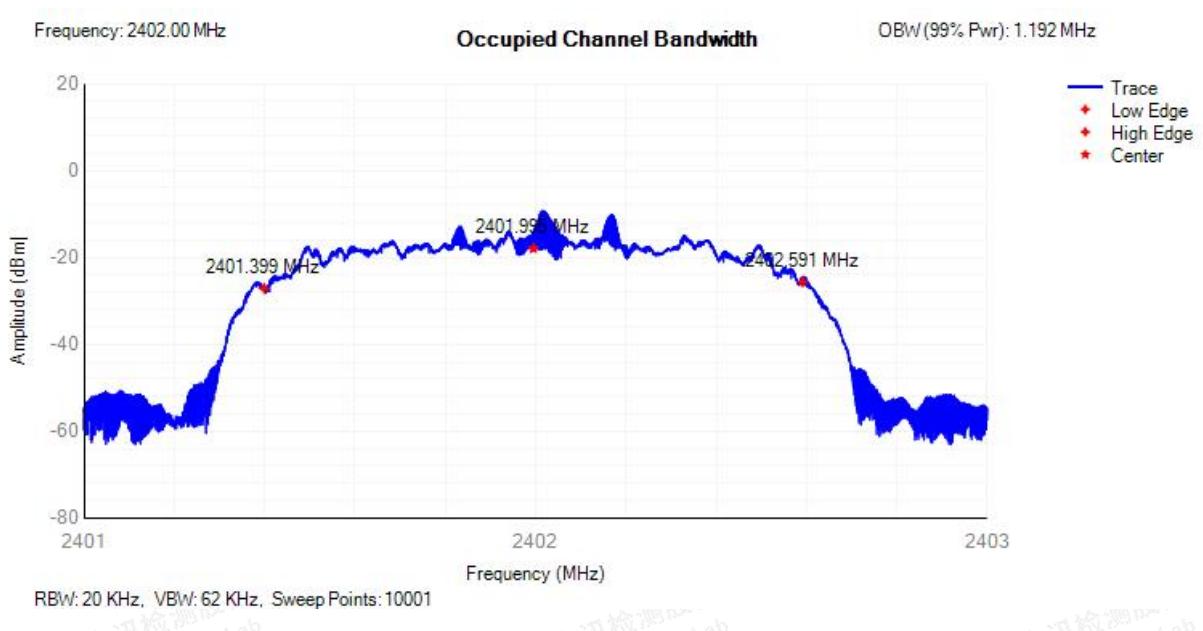




OBW NVNT 2-DH5 2480MHz

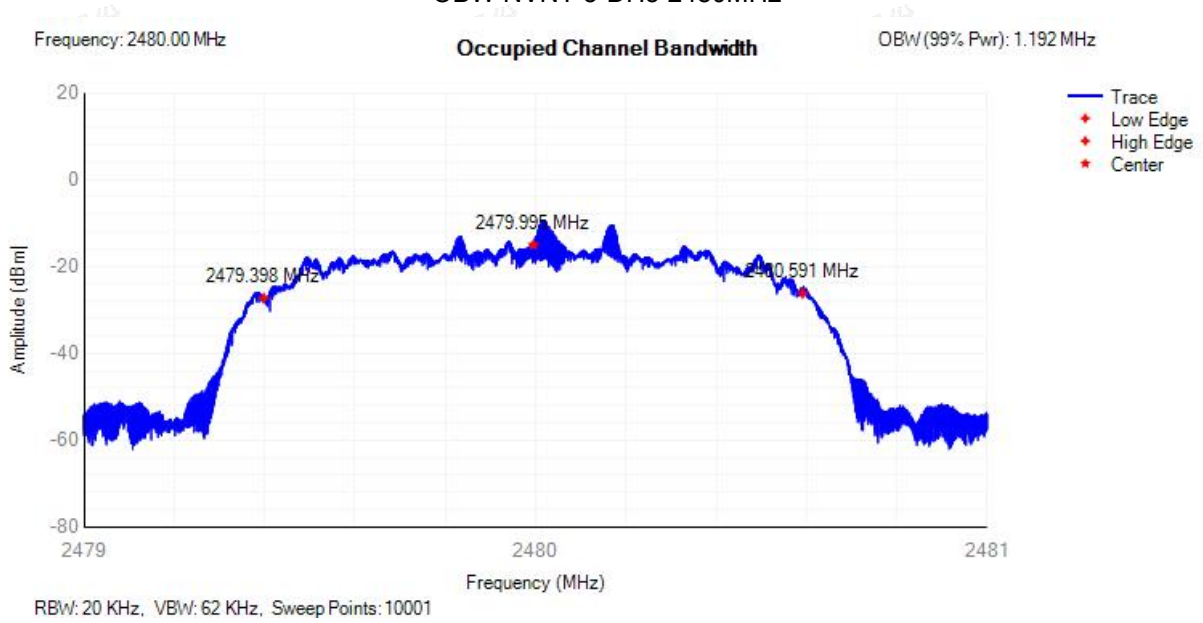


OBW NVNT 3-DH5 2402MHz





OBW NVNT 3-DH5 2480MHz



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**E.7 Transmitter unwanted emissions in the out-of-band domain**

Condition	Mode	Frequency (MHz)	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH5	2402	2399.5	-70.27	-10	Pass
NVNT	1-DH5	2402	2398.5	-68.19	-20	Pass
NVNT	1-DH5	2402	2484	-74.38	-10	Pass
NVNT	1-DH5	2402	2485	-76.74	-20	Pass
NVNT	1-DH5	2480	2399.5	-76.73	-10	Pass
NVNT	1-DH5	2480	2398.5	-72.86	-20	Pass
NVNT	1-DH5	2480	2484	-74.85	-10	Pass
NVNT	1-DH5	2480	2485	-76.37	-20	Pass
NVNT	2-DH5	2402	2399.5	-73.66	-10	Pass
NVNT	2-DH5	2402	2399.323	-77.23	-10	Pass
NVNT	2-DH5	2402	2398.323	-76.85	-20	Pass
NVNT	2-DH5	2402	2398.146	-74.3	-20	Pass
NVNT	2-DH5	2402	2484	-71.66	-10	Pass
NVNT	2-DH5	2402	2484.177	-69.82	-10	Pass
NVNT	2-DH5	2402	2485.177	-73.47	-20	Pass
NVNT	2-DH5	2402	2485.354	-70.78	-20	Pass
NVNT	2-DH5	2480	2399.5	-74.2	-10	Pass
NVNT	2-DH5	2480	2399.323	-74.72	-10	Pass
NVNT	2-DH5	2480	2398.323	-71.92	-20	Pass
NVNT	2-DH5	2480	2398.146	-72.64	-20	Pass
NVNT	2-DH5	2480	2484	-69.31	-10	Pass
NVNT	2-DH5	2480	2484.177	-68.3	-10	Pass
NVNT	2-DH5	2480	2485.177	-71.37	-20	Pass
NVNT	2-DH5	2480	2485.354	-72.03	-20	Pass
NVNT	3-DH5	2402	2399.5	-71.46	-10	Pass
NVNT	3-DH5	2402	2399.308	-67.42	-10	Pass
NVNT	3-DH5	2402	2398.308	-76.32	-20	Pass
NVNT	3-DH5	2402	2398.116	-77.26	-20	Pass
NVNT	3-DH5	2402	2484	-77.22	-10	Pass
NVNT	3-DH5	2402	2484.192	-69.84	-10	Pass
NVNT	3-DH5	2402	2485.192	-69.74	-20	Pass
NVNT	3-DH5	2402	2485.384	-76.04	-20	Pass
NVNT	3-DH5	2480	2399.5	-75.83	-10	Pass
NVNT	3-DH5	2480	2399.308	-61.52	-10	Pass
NVNT	3-DH5	2480	2398.308	-75.95	-20	Pass
NVNT	3-DH5	2480	2398.116	-74.14	-20	Pass



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Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

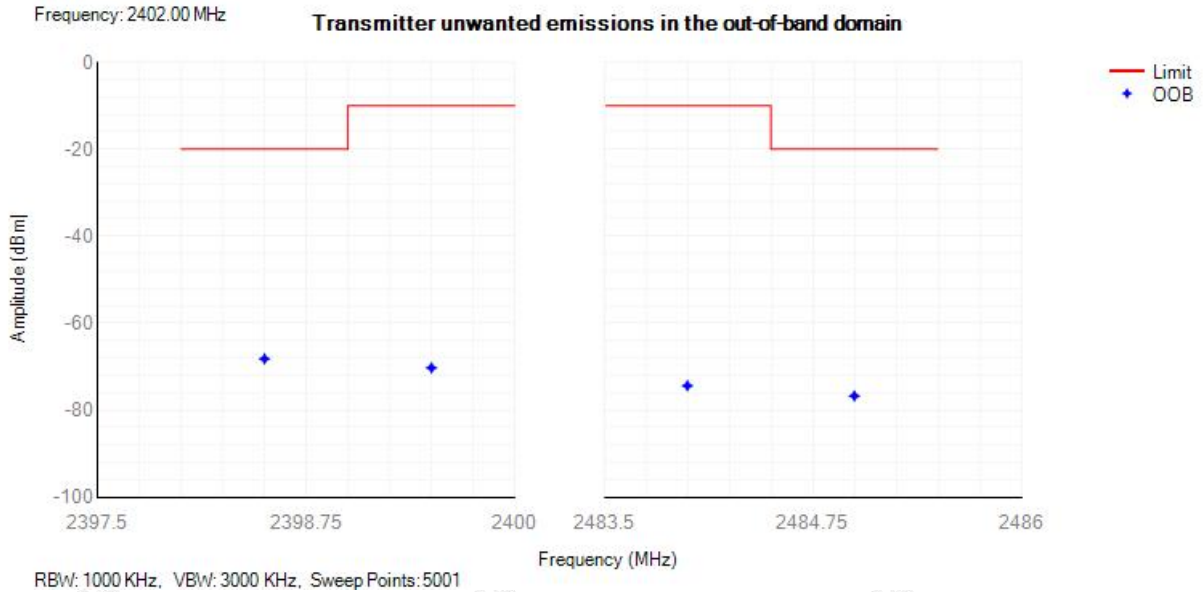
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

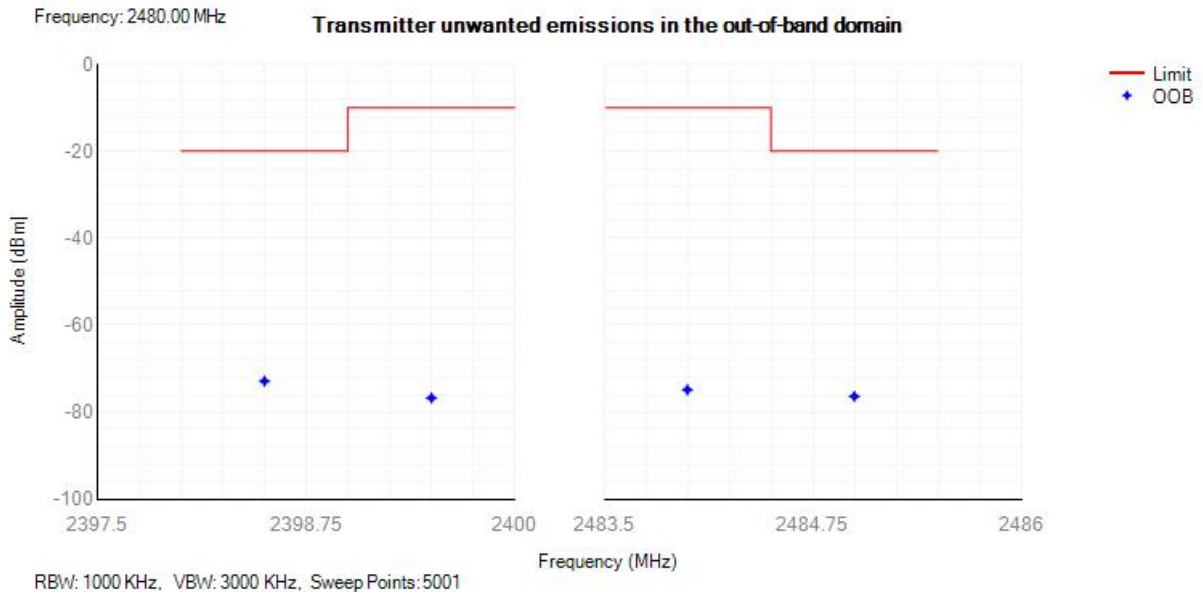


NVNT	3-DH5	2480	2484	-67.85	-10	Pass
NVNT	3-DH5	2480	2484.192	-70.5	-10	Pass
NVNT	3-DH5	2480	2485.192	-76.93	-20	Pass
NVNT	3-DH5	2480	2485.384	-71.24	-20	Pass

Tx. Emissions OOB NVNT 1-DH5 2402MHz

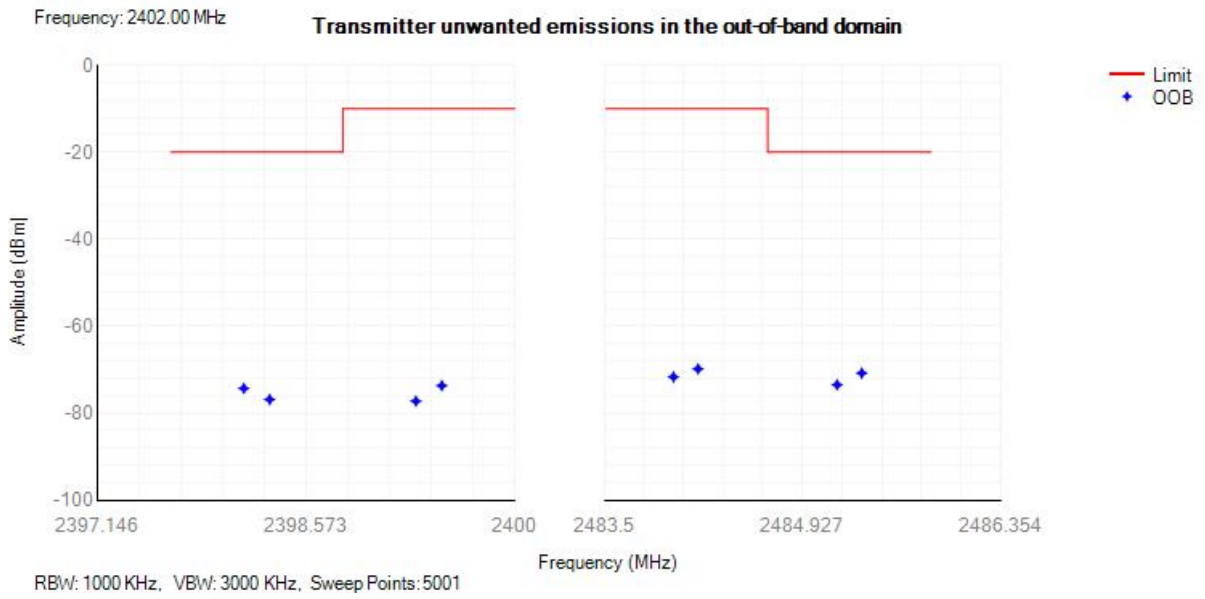


Tx. Emissions OOB NVNT 1-DH5 2480MHz

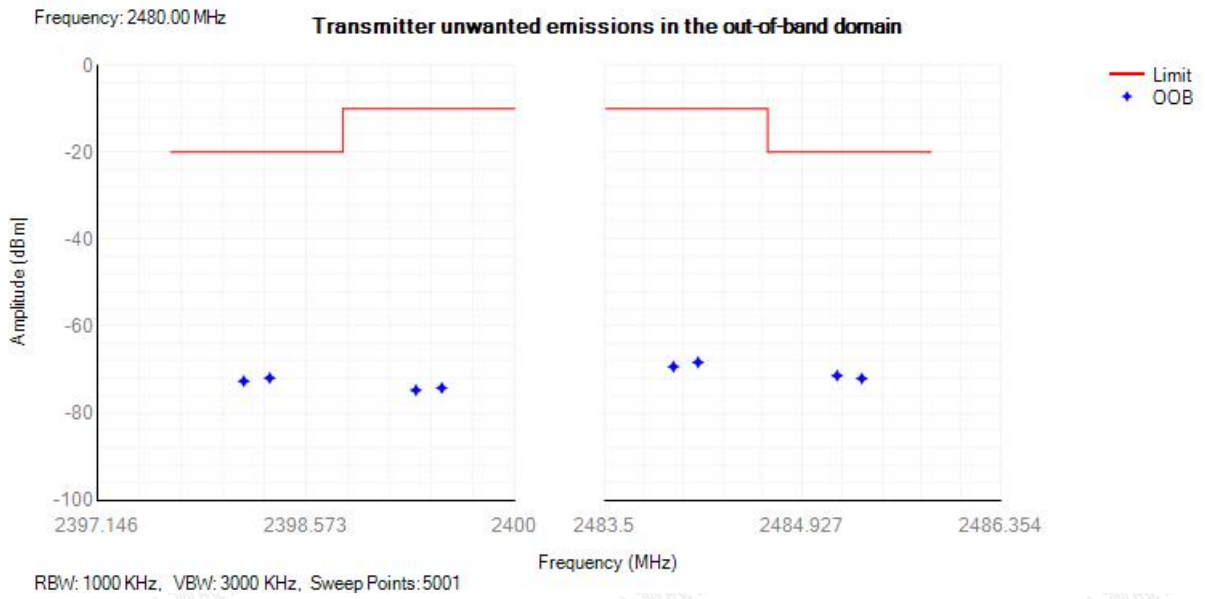




Tx. Emissions OOB NVNT 2-DH5 2402MHz

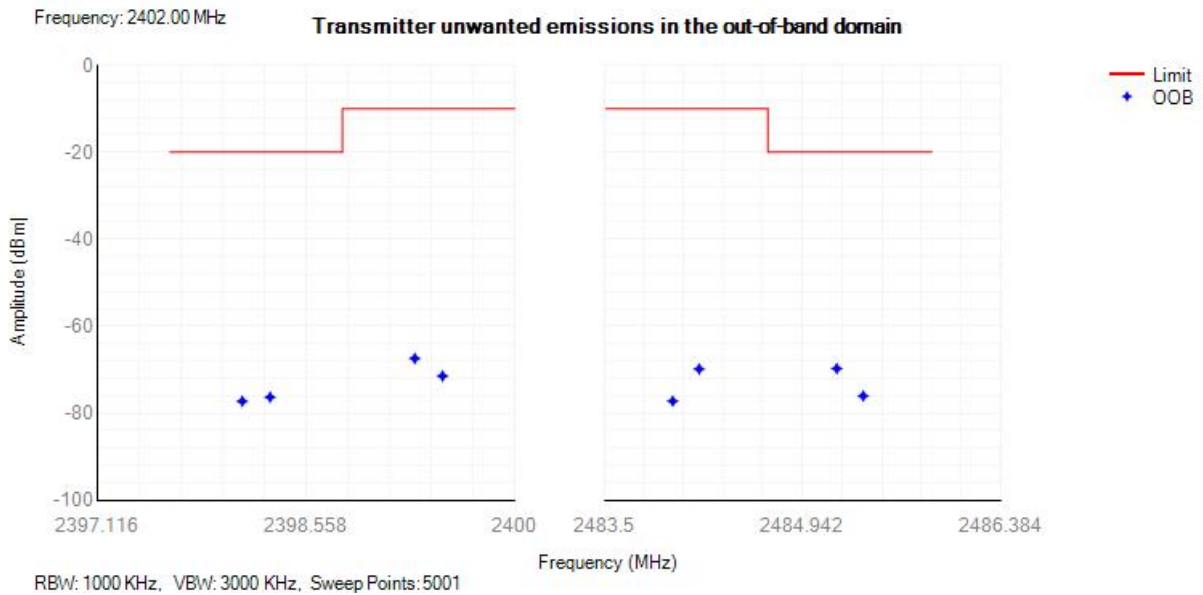


Tx. Emissions OOB NVNT 2-DH5 2480MHz

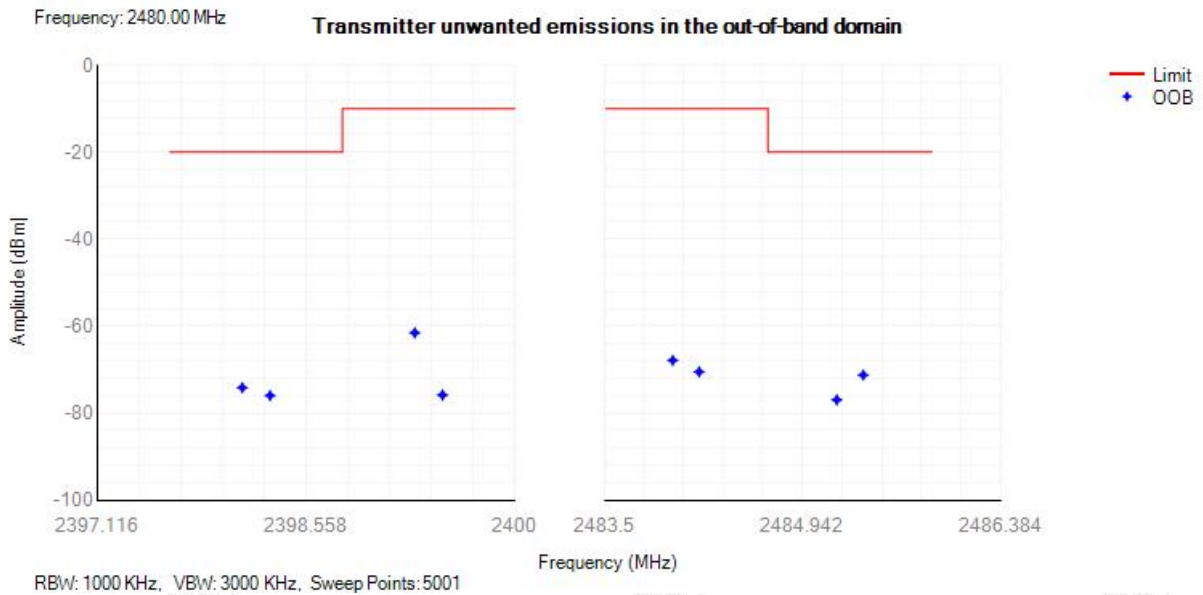




Tx. Emissions OOB NVNT 3-DH5 2402MHz



Tx. Emissions OOB NVNT 3-DH5 2480MHz

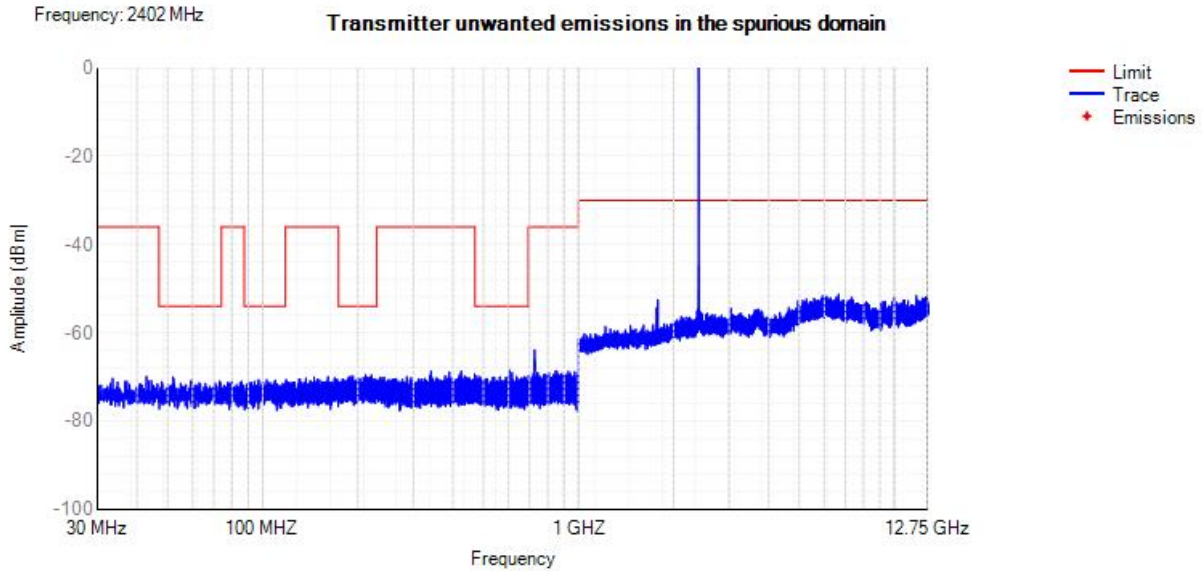




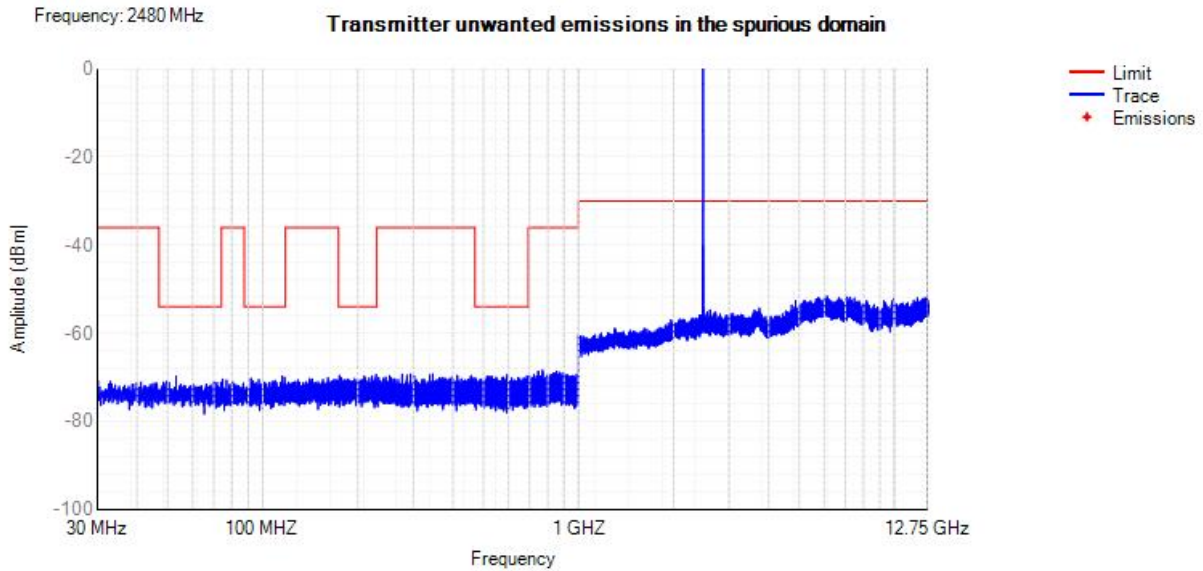
E.8 Transmitter unwanted emissions in the spurious domain

Condition	Mode	Frequency (MHz)	Range	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
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Tx. Spurious NVNT 1-DH5 2402MHz

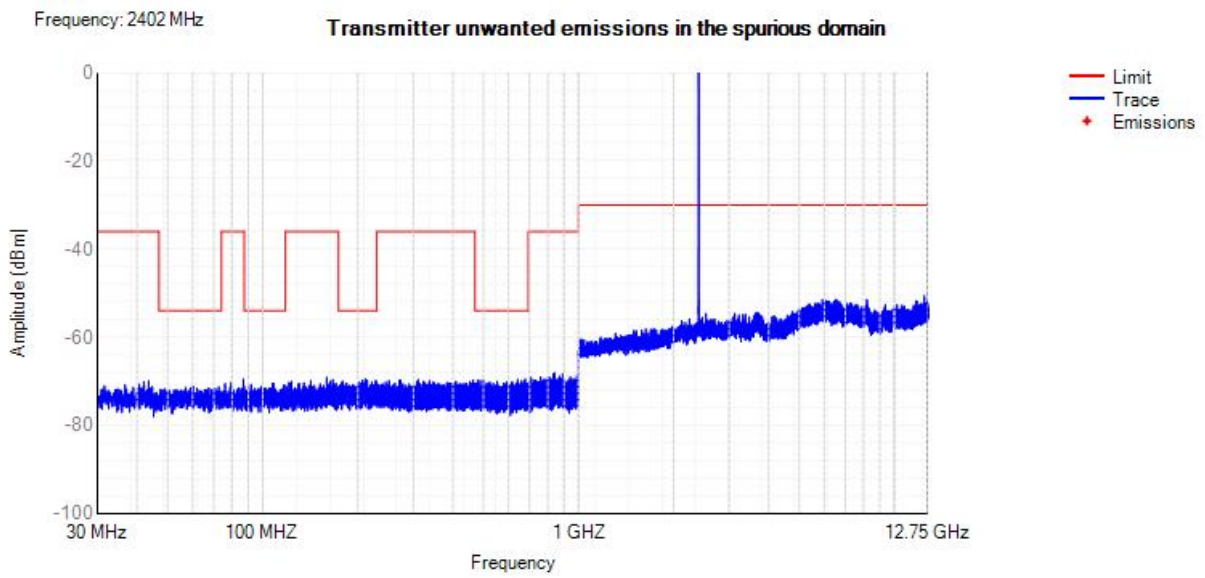


Tx. Spurious NVNT 1-DH5 2480MHz

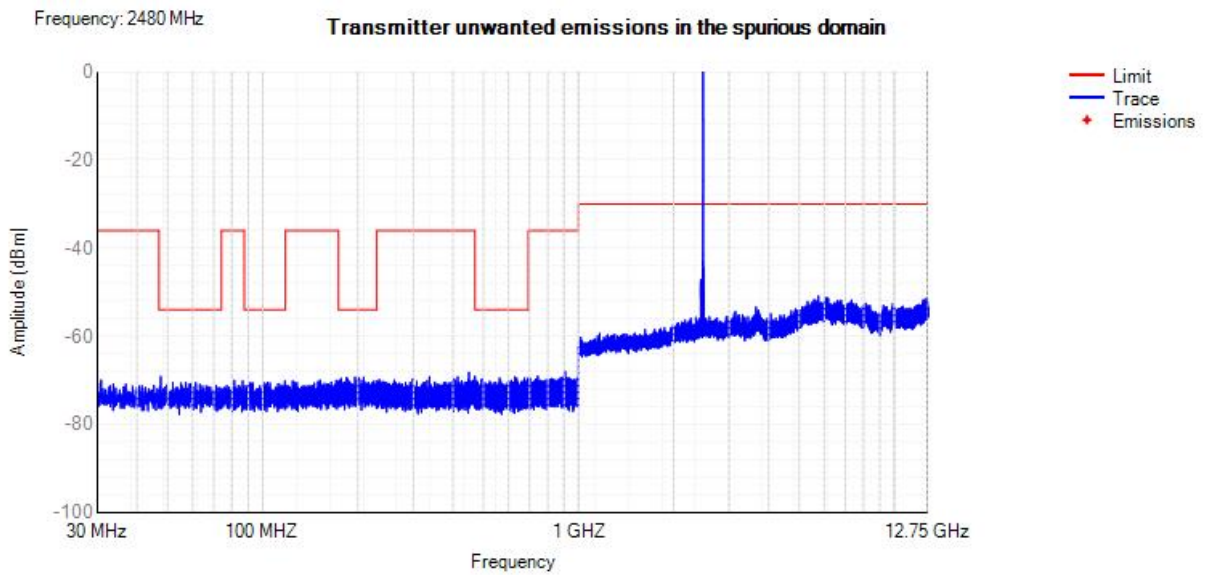




Tx. Spurious NVNT 2-DH5 2402MHz

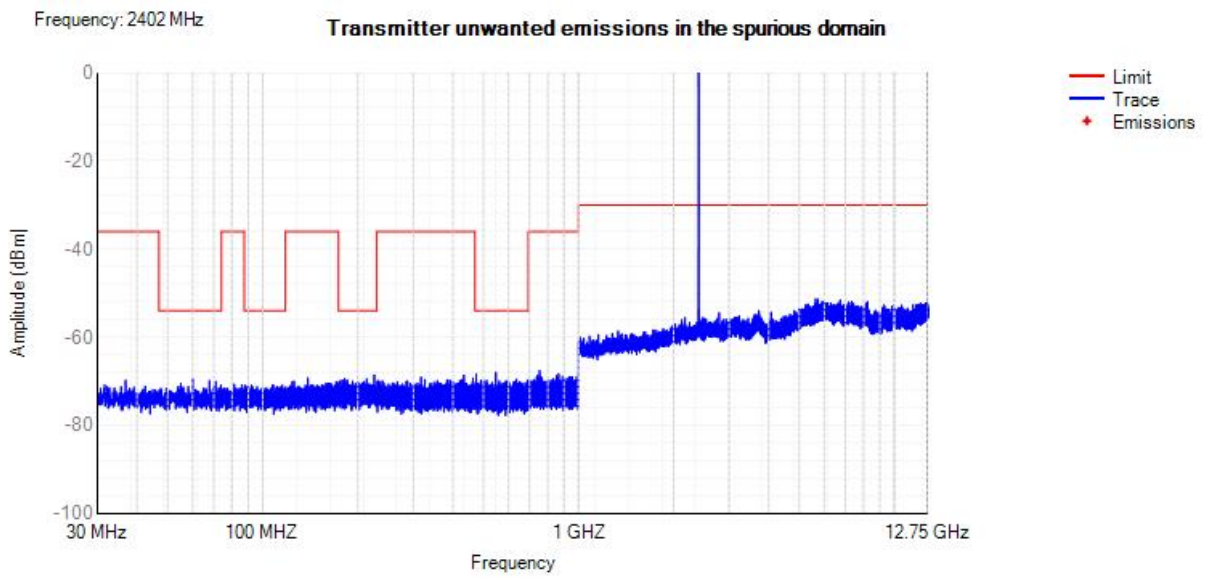


Tx. Spurious NVNT 2-DH5 2480MHz

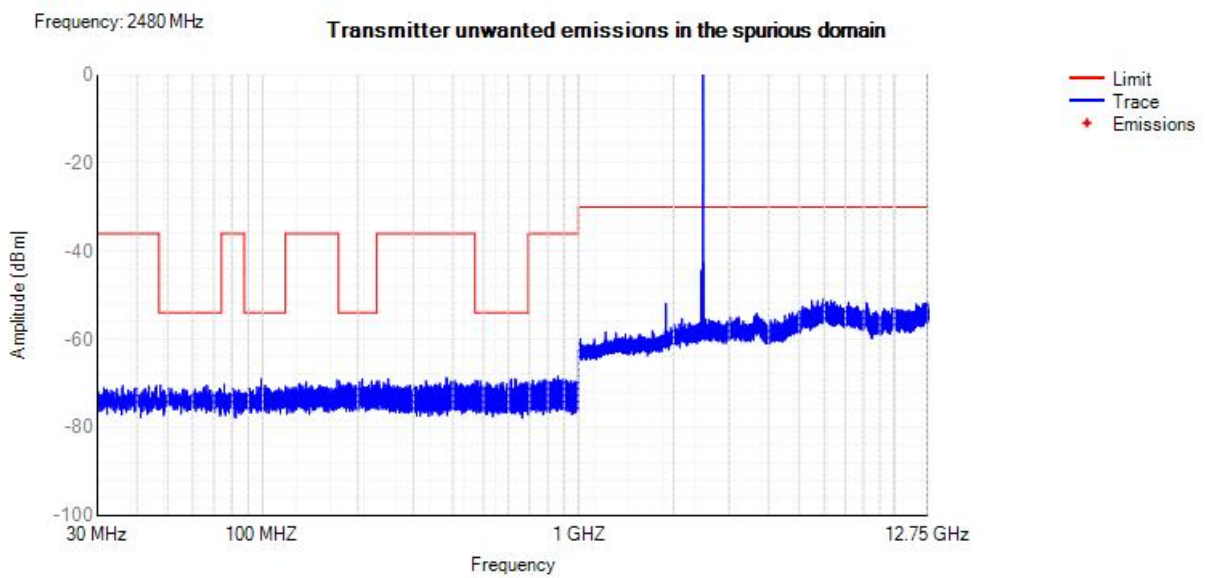




Tx. Spurious NVNT 3-DH5 2402MHz



Tx. Spurious NVNT 3-DH5 2480MHz

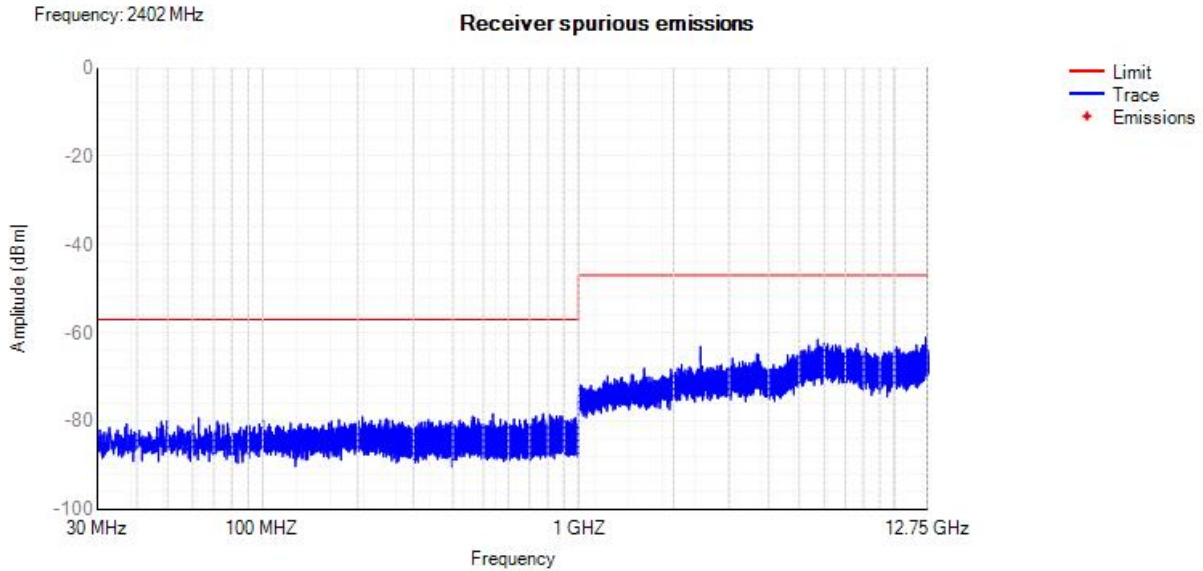




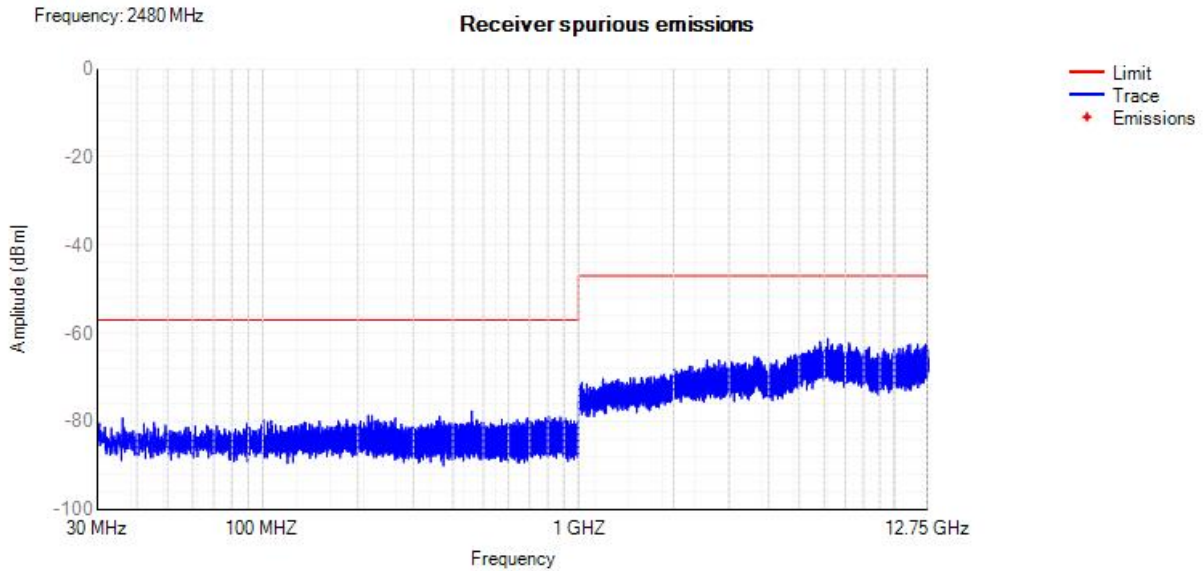
E.9 Receiver spurious emissions

Condition	Mode	Frequency (MHz)	Range	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
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Rx. Spurious NVNT 1-DH5 2402MHz

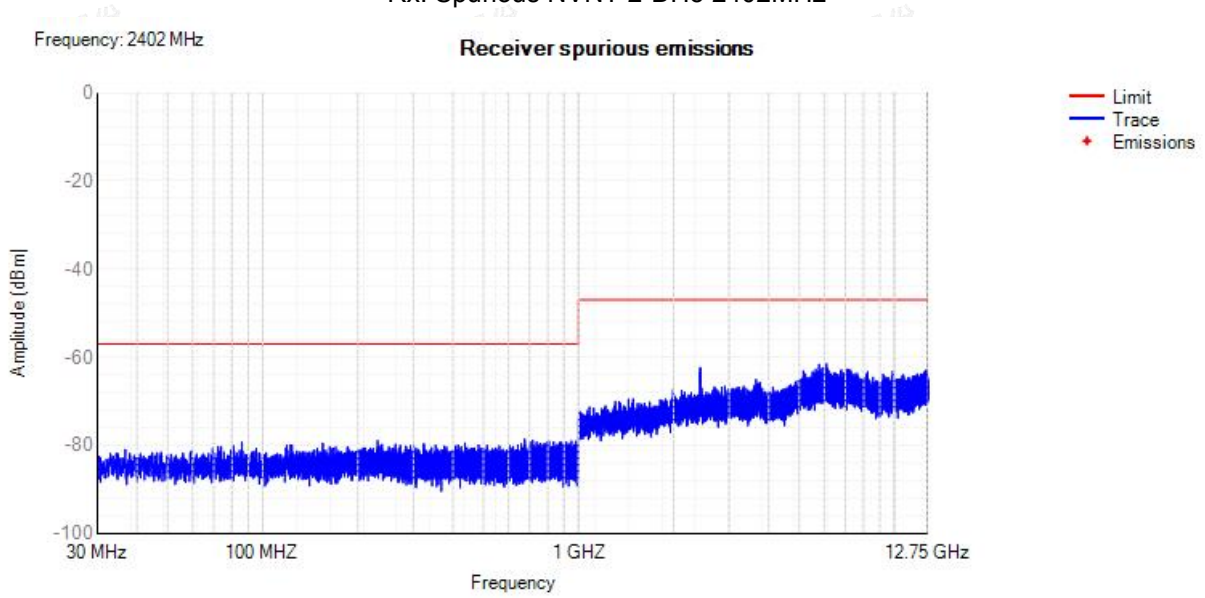


Rx. Spurious NVNT 1-DH5 2480MHz

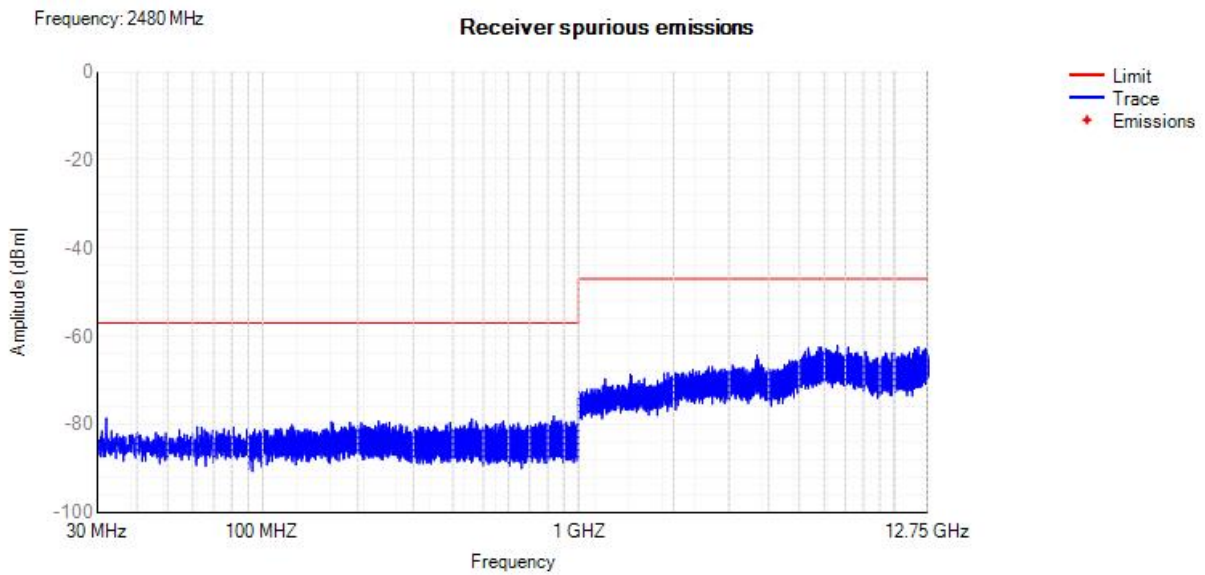




Rx. Spurious NVNT 2-DH5 2402MHz

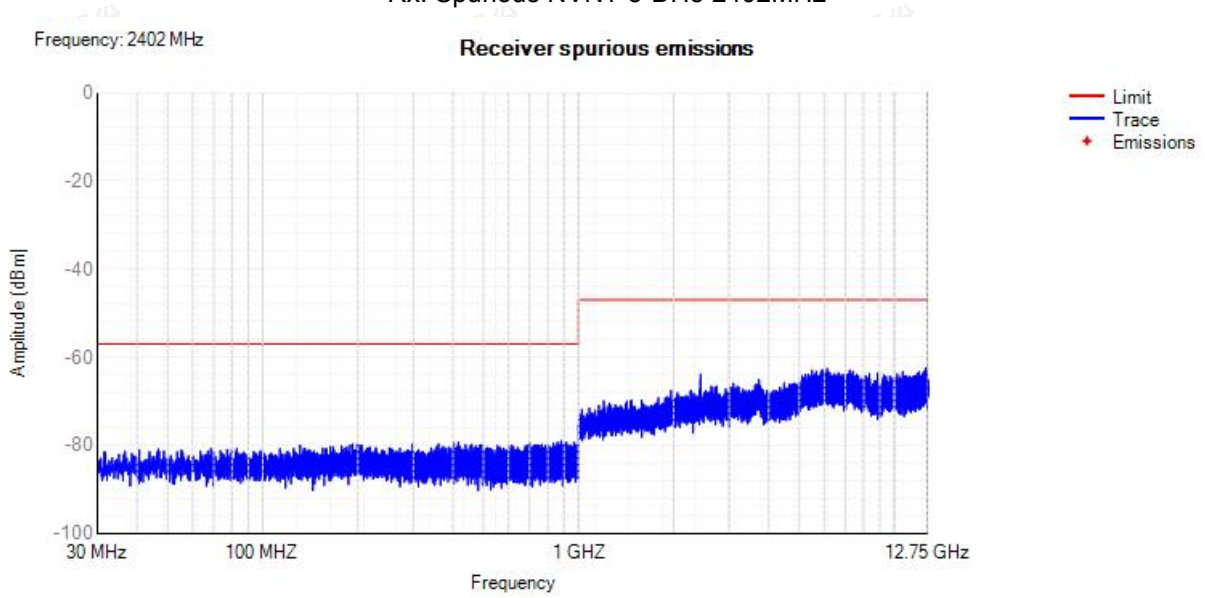


Rx. Spurious NVNT 2-DH5 2480MHz

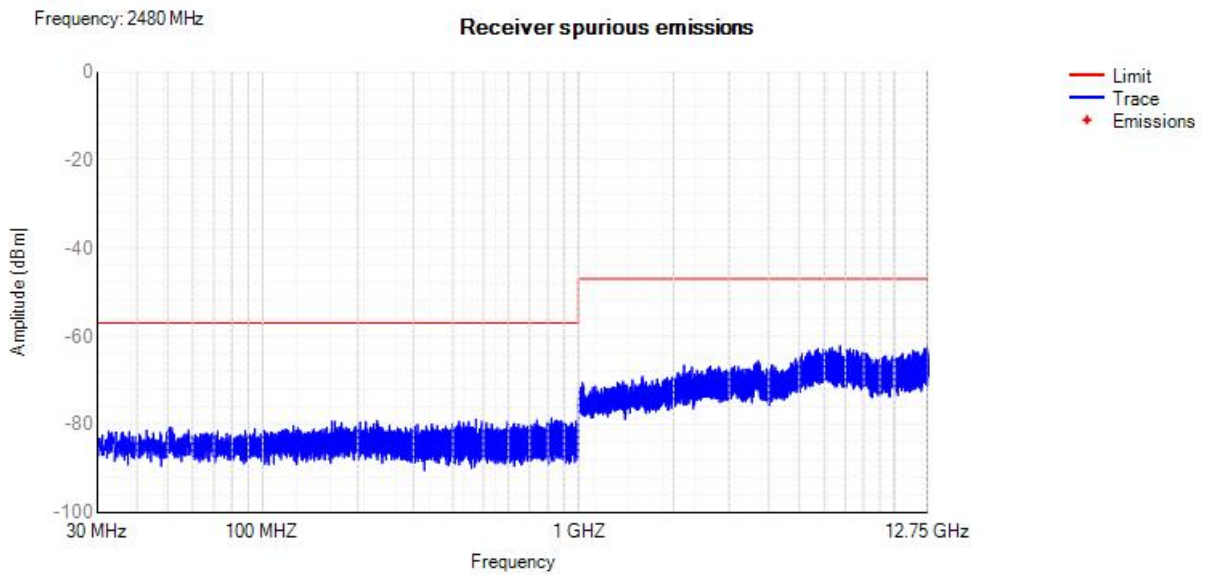




Rx. Spurious NVNT 3-DH5 2402MHz



Rx. Spurious NVNT 3-DH5 2480MHz





E.10 Receiver Blocking

Test Mode	Test Channel (MHz)	Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)		Type of Blocking Signal	PER(%)		Test Result
				Test Value	Limit		Test Value	Limit	
DH5	2402	-70	2380	-25	≥-34	CW	3.30	10	Pass
			2504	-24	≥-34	CW	1.22	10	Pass
			2300	-27	≥-34	CW	2.72	10	Pass
			2584	-25	≥-34	CW	1.85	10	Pass
	2480	-70	2380	-26	≥-34	CW	2.45	10	Pass
			2504	-27	≥-34	CW	1.75	10	Pass
			2300	-20	≥-34	CW	2.34	10	Pass
			2584	-26	≥-34	CW	1.91	10	Pass
2DH5	2402	-68	2380	-24	≥-34	CW	2.42	10	Pass
			2504	-27	≥-34	CW	3.02	10	Pass
			2300	-20	≥-34	CW	2.86	10	Pass
			2584	-25	≥-34	CW	3.11	10	Pass
	2480	-68	2380	-20	≥-34	CW	1.93	10	Pass
			2504	-21	≥-34	CW	2.85	10	Pass
			2300	-23	≥-34	CW	3.17	10	Pass
			2584	-24	≥-34	CW	3.11	10	Pass
3DH5	2402	-68	2380	-26	≥-34	CW	3.26	10	Pass
			2504	-22	≥-34	CW	2.69	10	Pass
			2300	-24	≥-34	CW	2.48	10	Pass
			2584	-26	≥-34	CW	2.26	10	Pass
	2480	-68	2380	-28	≥-34	CW	1.94	10	Pass
			2504	-26	≥-34	CW	2.20	10	Pass
			2300	-22	≥-34	CW	2.01	10	Pass
			2584	-25	≥-34	CW	3.30	10	Pass



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