

Appendix E for BT Test Data

Product Name: Tablet

Test Model: TAB 50

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu





E.1 RF Output Power

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	2.48	20	Pass
NVNT	1-DH5	2480	2.66	20	Pass
NVNT	2-DH5	2402	1.47	20	Pass
NVNT	2-DH5	2480	1.49	20	Pass
NVNT	3-DH5	2402	1.48	20	Pass
NVNT	3-DH5	2480	1.52	20	Pass

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVLT	1-DH5	2402	2.39	20	Pass
NVLT	1-DH5	2480	2.57	20	Pass
NVLT	2-DH5	2402	1.42	20	Pass
NVLT	2-DH5	2480	1.40	20	Pass
NVLT	3-DH5	2402	1.31	20	Pass
NVLT	3-DH5	2480	1.30	20	Pass

Condition	Mode	Frequency (MHz)	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	1-DH5	2402	2.25	20	Pass
NVHT	1-DH5	2480	2.40	20	Pass
NVHT	2-DH5	2402	1.23	20	Pass
NVHT	2-DH5	2480	1.23	20	Pass
NVHT	3-DH5	2402	1.10	20	Pass
NVHT	3-DH5	2480	1.10	20	Pass

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

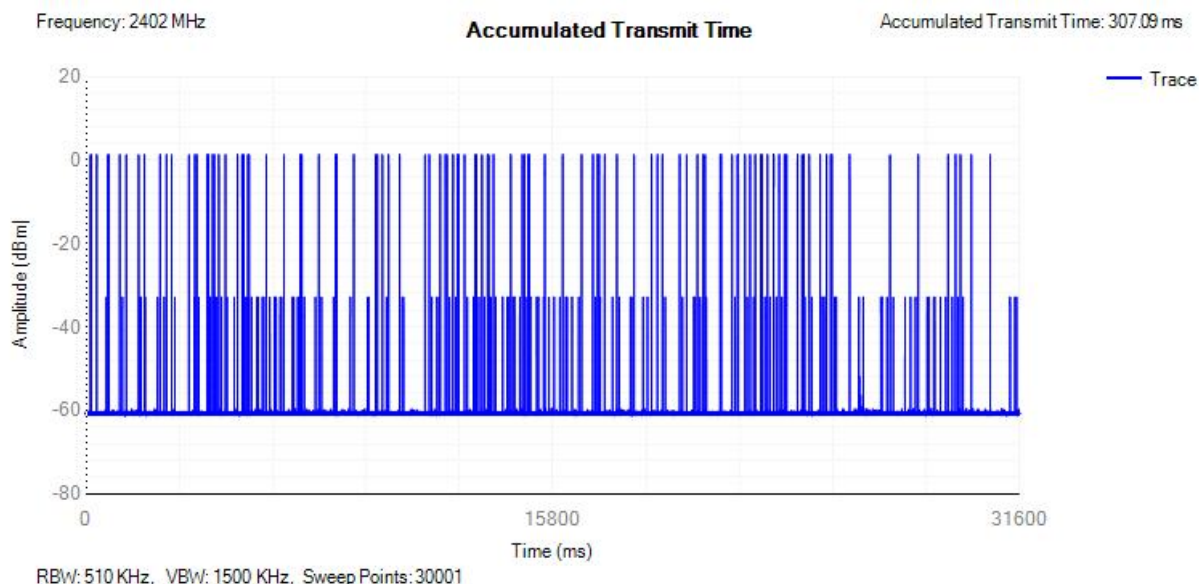




E.2 Accumulated Transmit Time

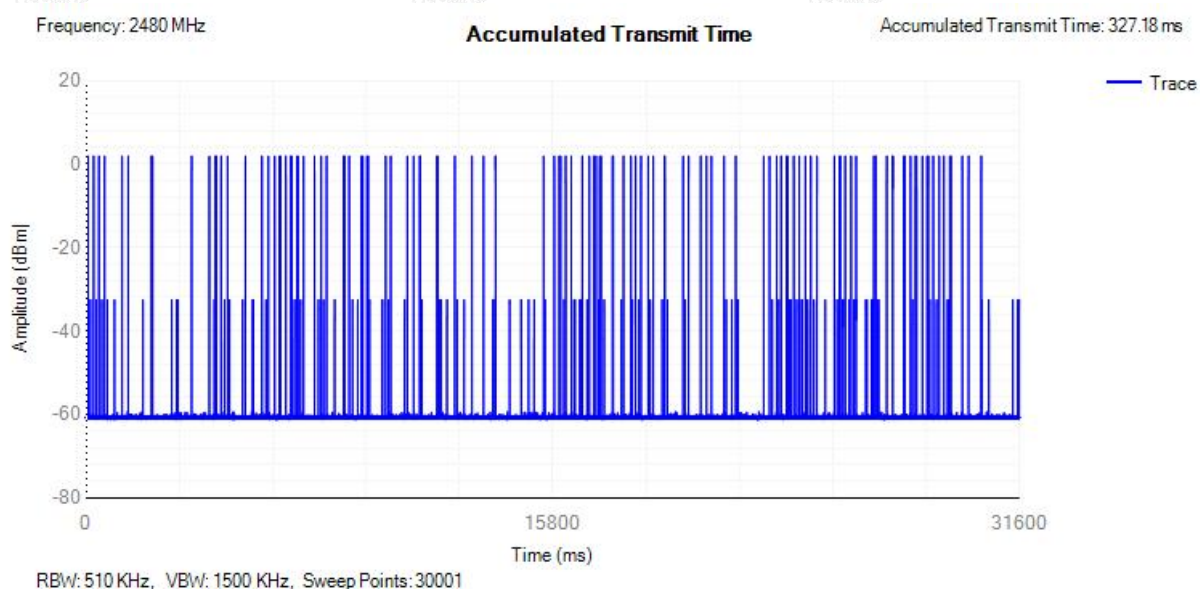
Condition	Mode	Frequency (MHz)	Accumulated Transmit Time (ms)	Limit (ms)	Sweep Time (ms)	Burst Number	Verdict
NVNT	1-DH5	2402	307.09	400	31600	107	Pass
NVNT	1-DH5	2480	327.18	400	31600	114	Pass
NVNT	2-DH5	2402	263.04	400	31600	96	Pass
NVNT	2-DH5	2480	246.6	400	31600	90	Pass
NVNT	3-DH5	2402	304.14	400	31600	111	Pass
NVNT	3-DH5	2480	271.26	400	31600	99	Pass

Dwell NVNT 1-DH5 2402MHz

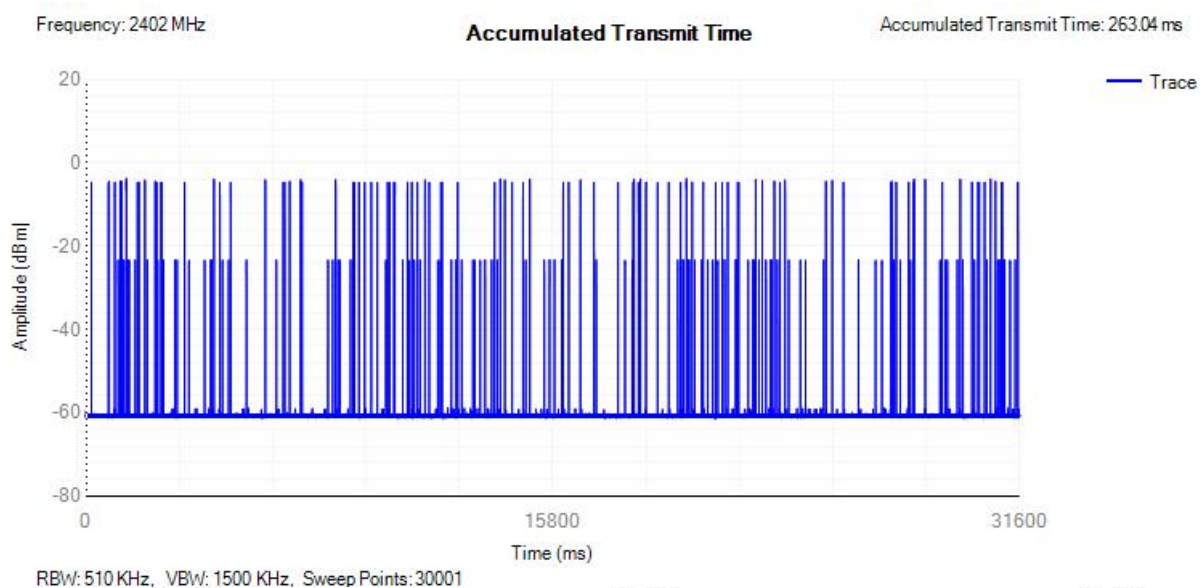




Dwell NVNT 1-DH5 2480MHz

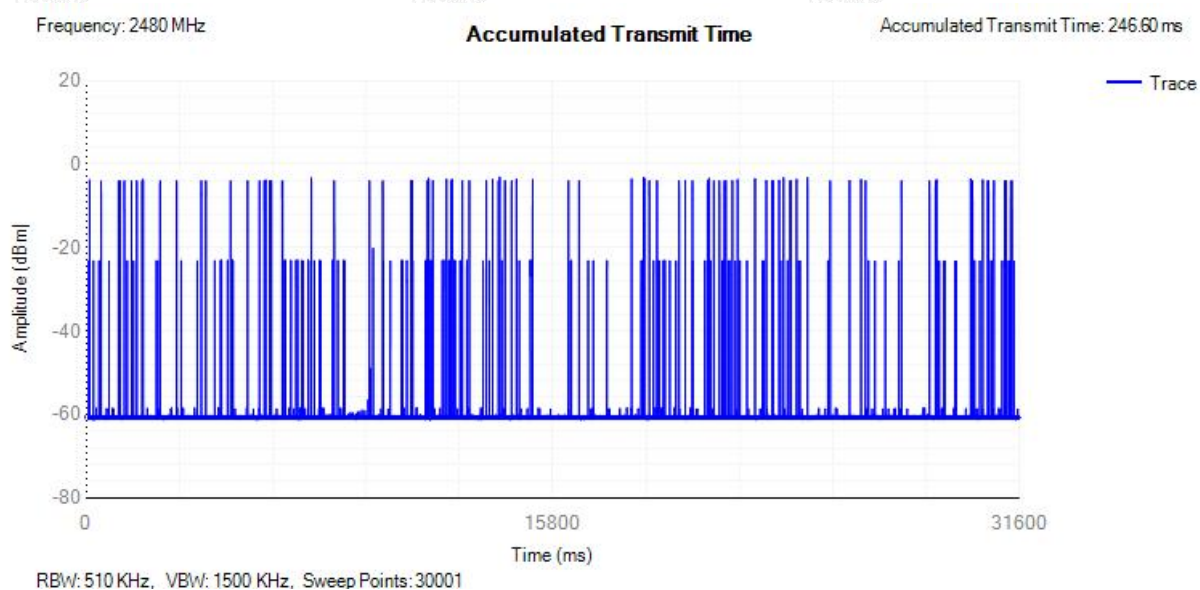


Dwell NVNT 2-DH5 2402MHz

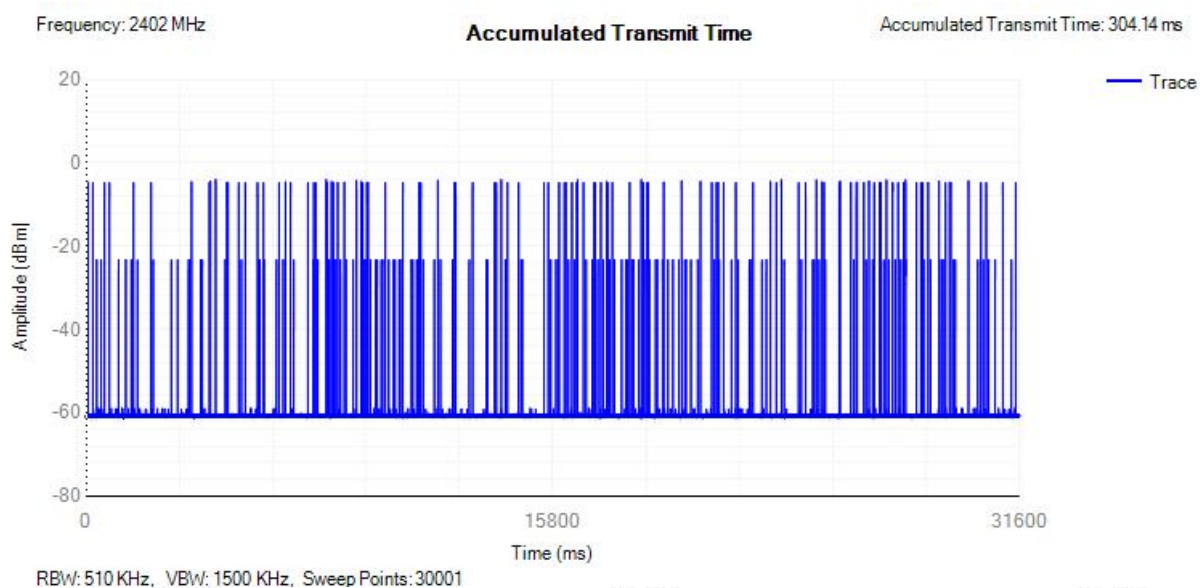




Dwell NVNT 2-DH5 2480MHz

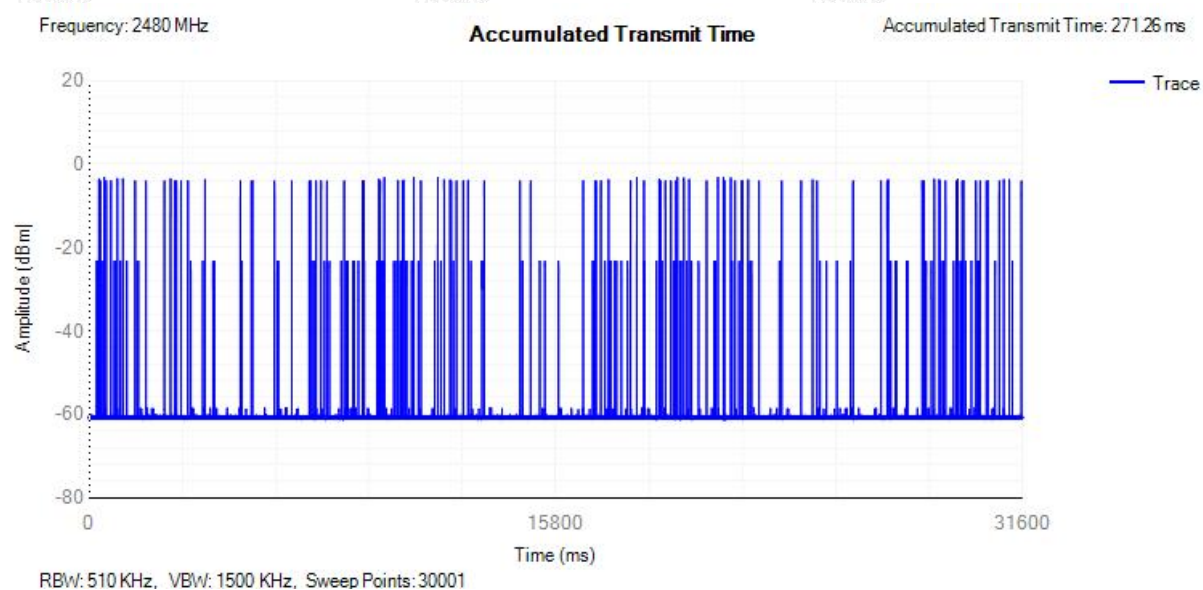


Dwell NVNT 3-DH5 2402MHz





Dwell NVNT 3-DH5 2480MHz

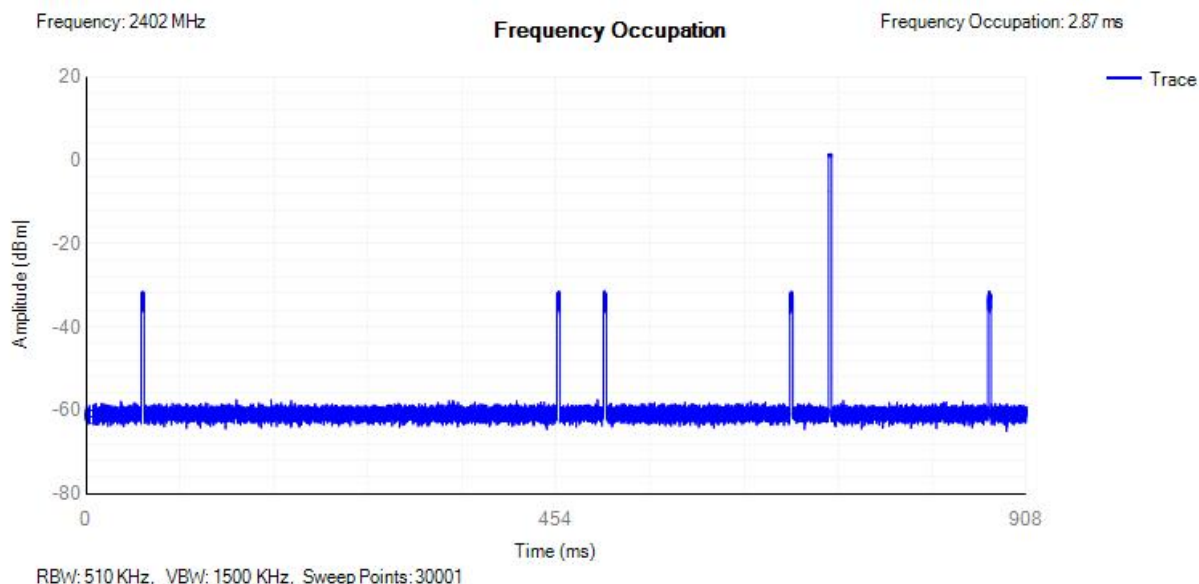




E.3 Frequency Occupation

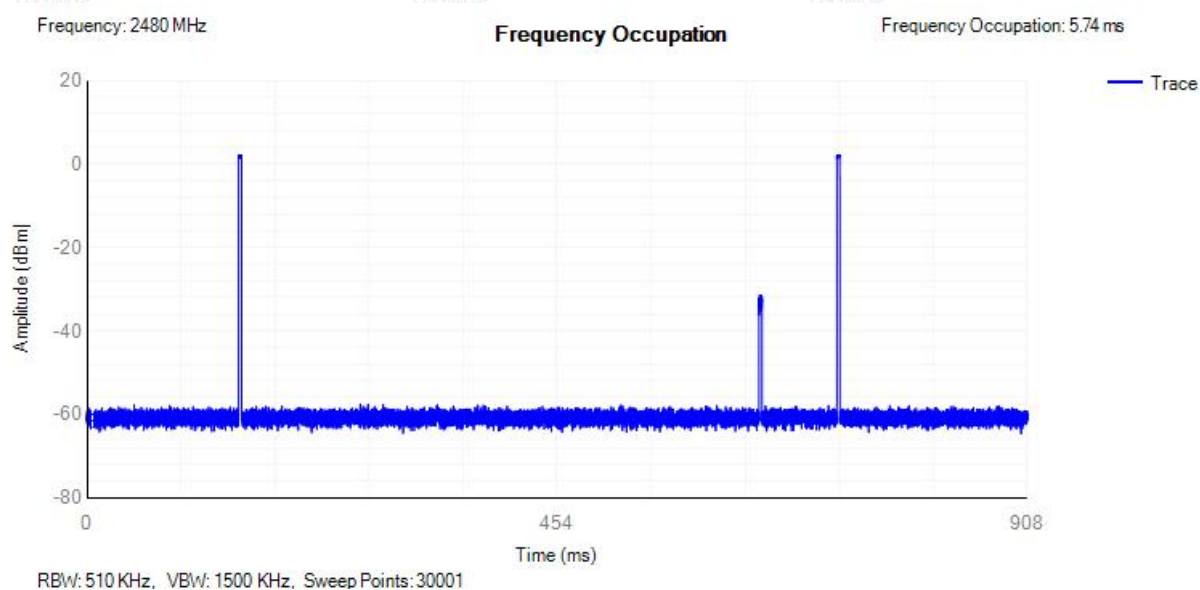
Condition	Mode	Frequency (MHz)	Frequency Occupation (ms)	Limit (ms)	Sweep Time (ms)	Burst Number	Verdict
NVNT	1-DH5	2402	2.87	0	906.92	1	Pass
NVNT	1-DH5	2480	5.74	0	906.92	2	Pass
NVNT	2-DH5	2402	8.22	0	865.84	3	Pass
NVNT	2-DH5	2480	2.74	0	865.84	1	Pass
NVNT	3-DH5	2402	8.22	0	865.84	3	Pass
NVNT	3-DH5	2480	8.22	0	865.84	3	Pass

Freq. Occup. NVNT 1-DH5 2402MHz

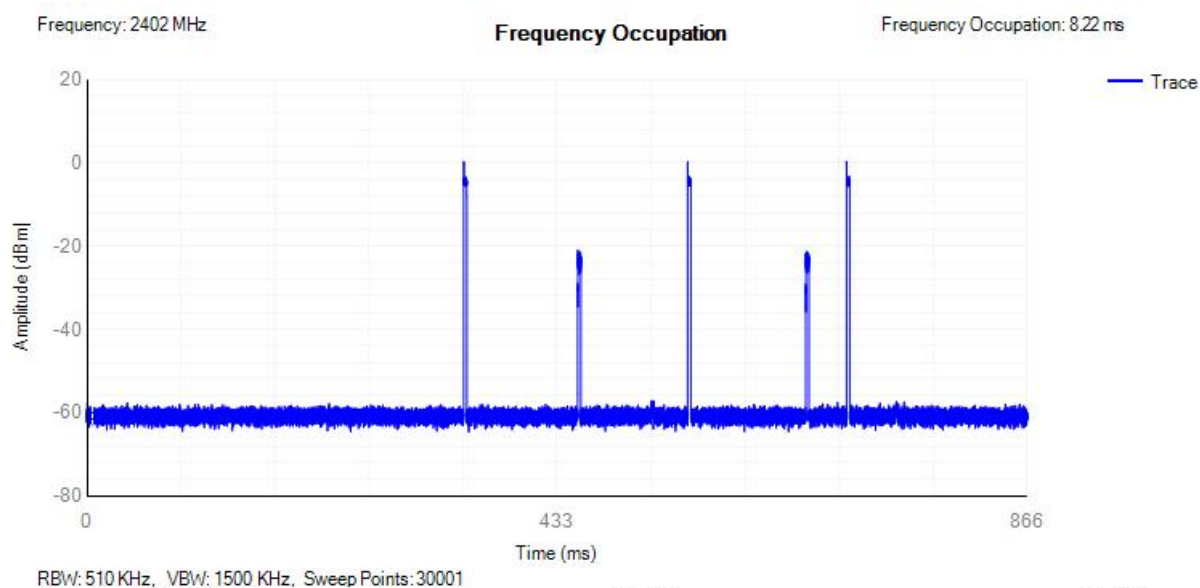




Freq. Occup. NVNT 1-DH5 2480MHz

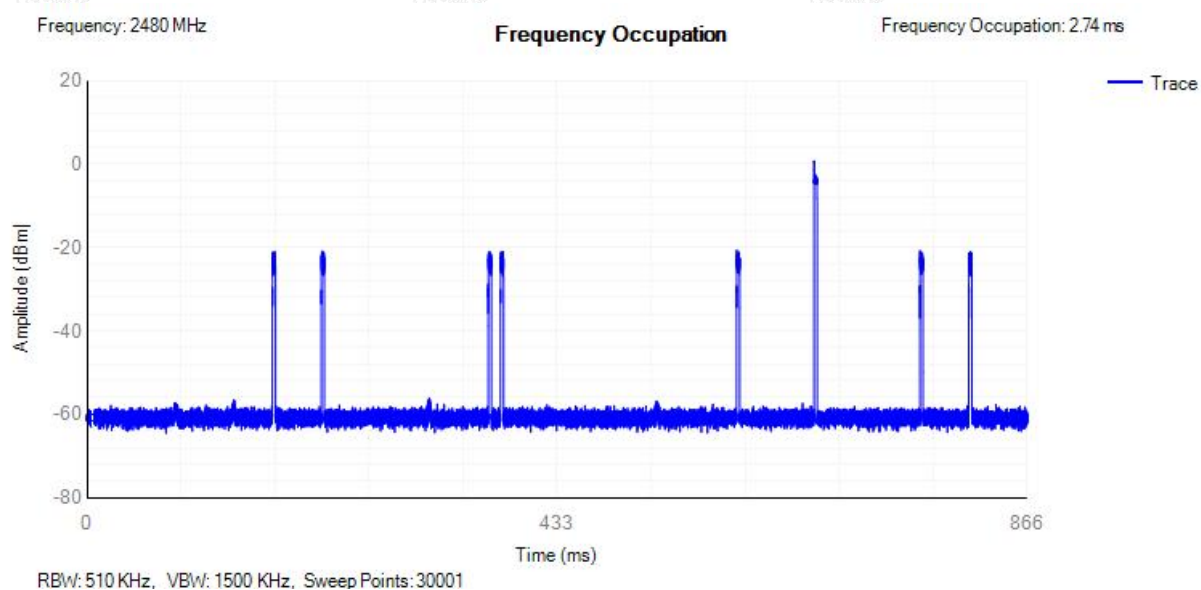


Freq. Occup. NVNT 2-DH5 2402MHz

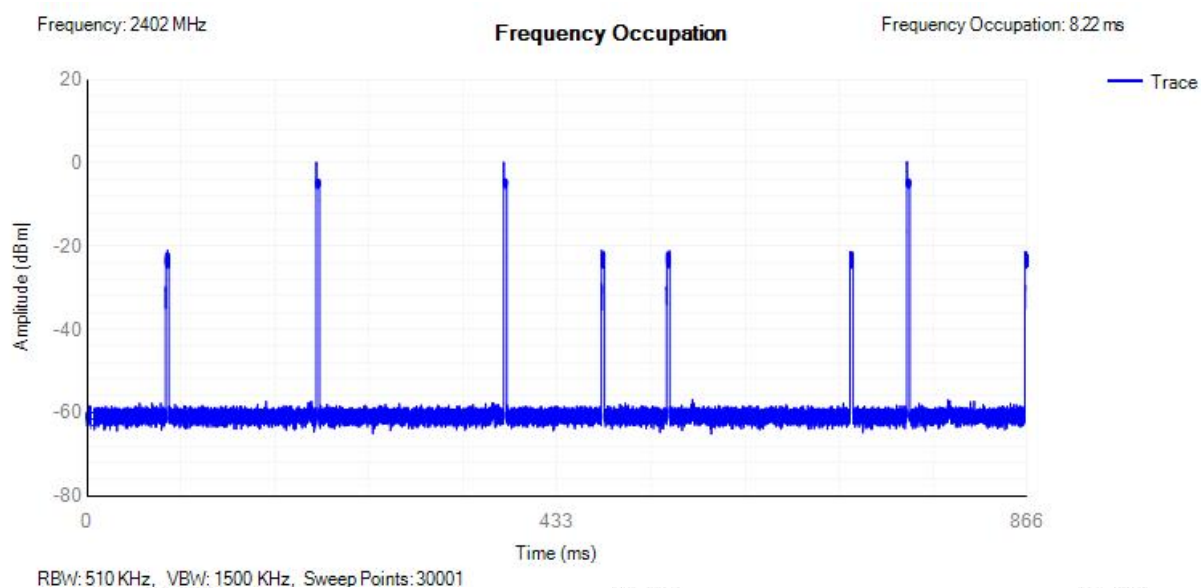




Freq. Occup. NVNT 2-DH5 2480MHz

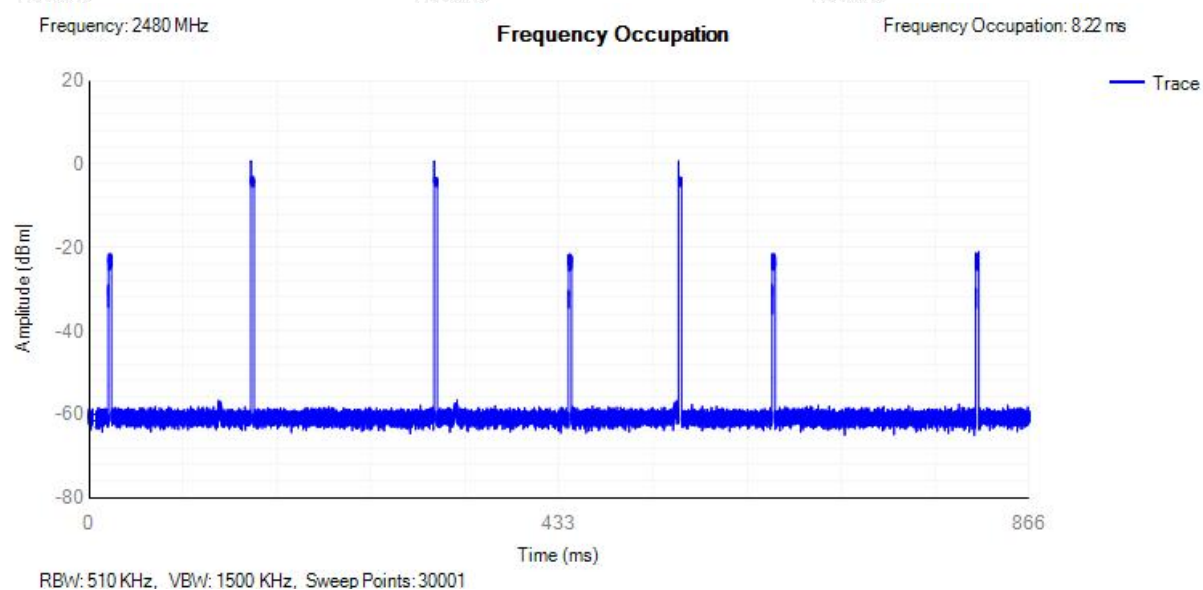


Freq. Occup. NVNT 3-DH5 2402MHz





Freq. Occup. NVNT 3-DH5 2480MHz

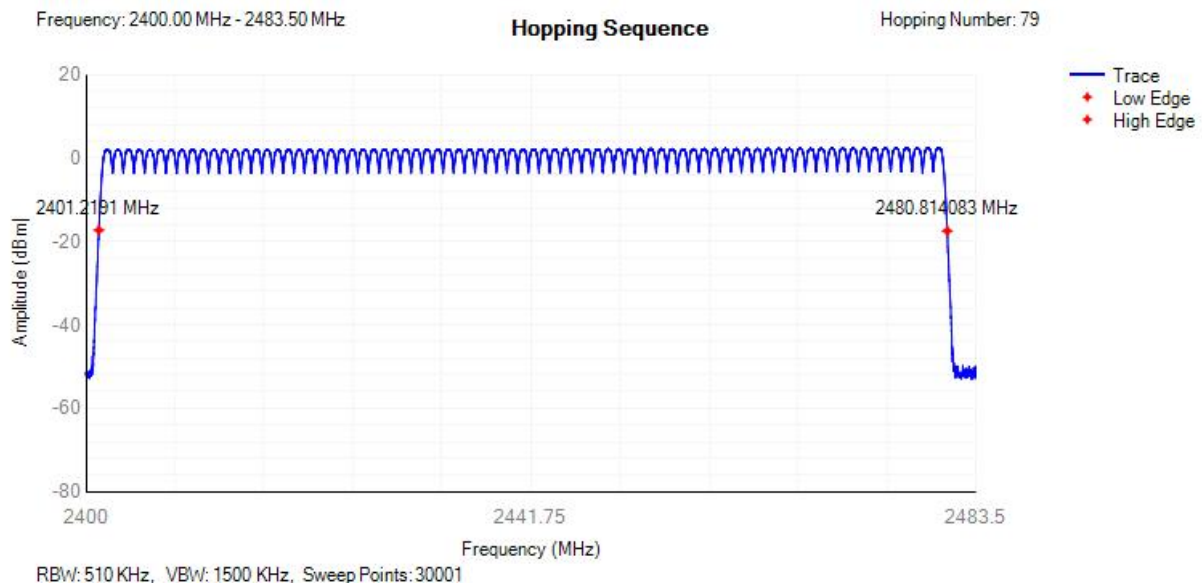




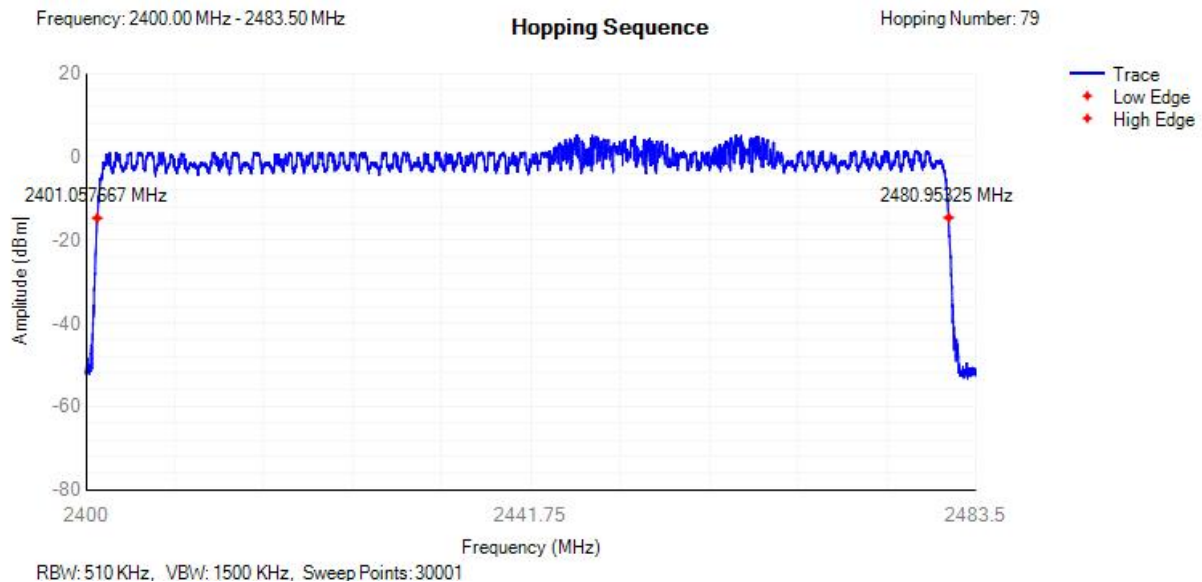
E.4 Hopping Sequence

Condition	Mode	Hopping Number	Limit	Band Allocation (%)	Limit Band Allocation (%)	Verdict
NVNT	1-DH5	79	15	95.32	70	Pass
NVNT	2-DH5	79	15	95.68	70	Pass
NVNT	3-DH5	79	15	95.82	70	Pass

Hopping Seq. NVNT 1-DH5 2402MHz

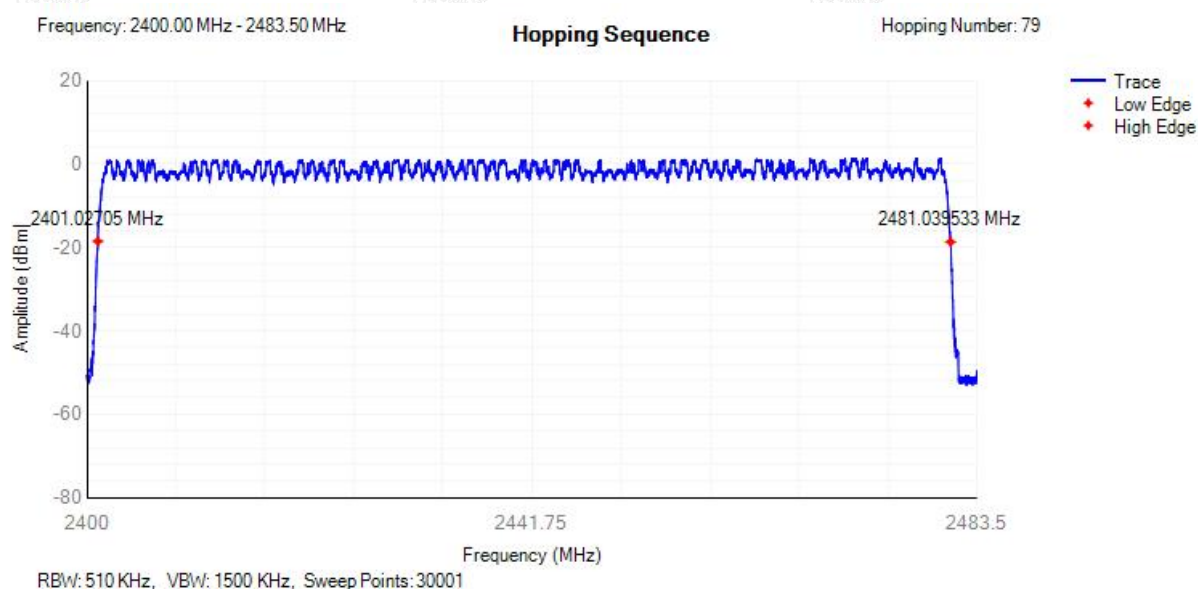


Hopping Seq. NVNT 2-DH5 2402MHz





Hopping Seq. NVNT 3-DH5 2402MHz

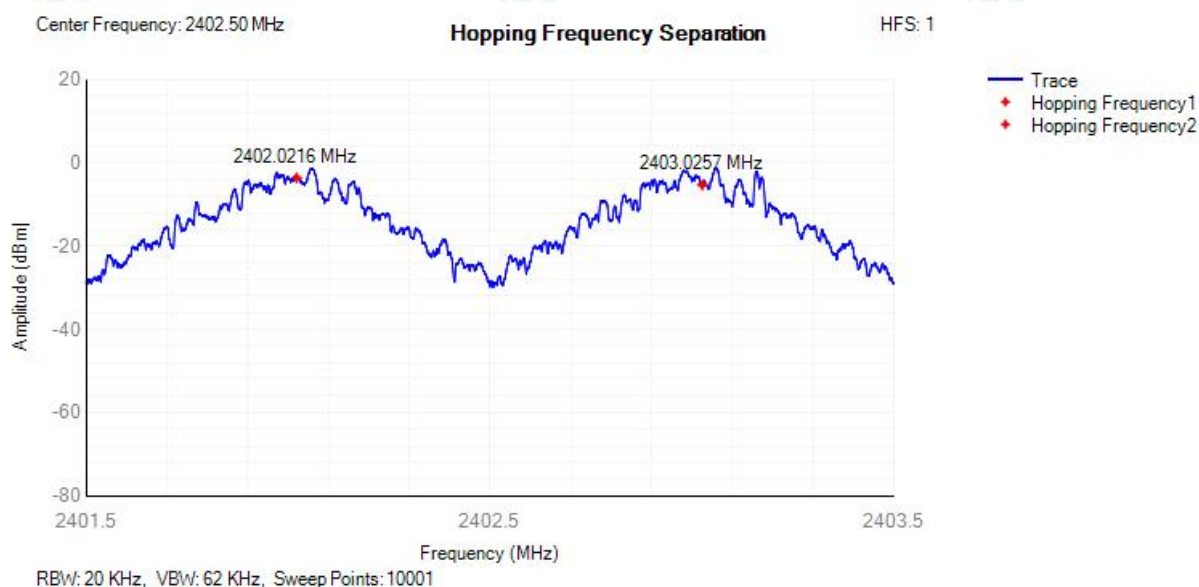




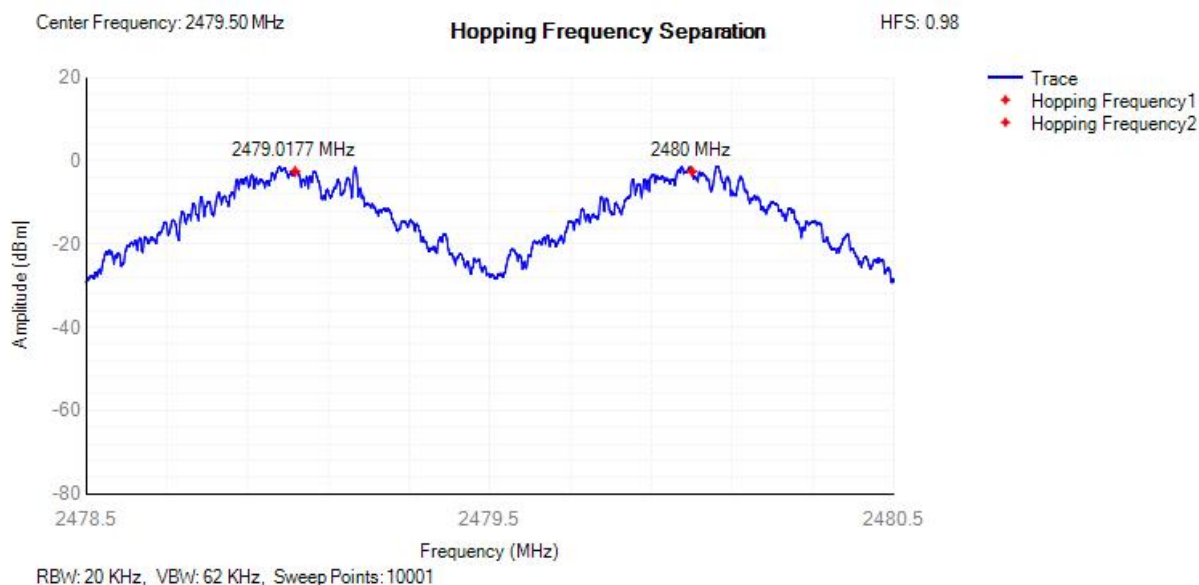
E.5 Hopping Frequency Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402.0216	2403.0257	1	0.1	Pass
NVNT	1-DH5	2479.0177	2480	0.98	0.1	Pass
NVNT	2-DH5	2402.1049	2403.1438	1.03	0.1	Pass
NVNT	2-DH5	2479.1438	2479.9885	0.84	0.1	Pass
NVNT	3-DH5	2402.1565	2403.0828	0.92	0.1	Pass
NVNT	3-DH5	2479.1359	2480.1223	0.98	0.1	Pass

HFS NVNT 1-DH5 2402MHz

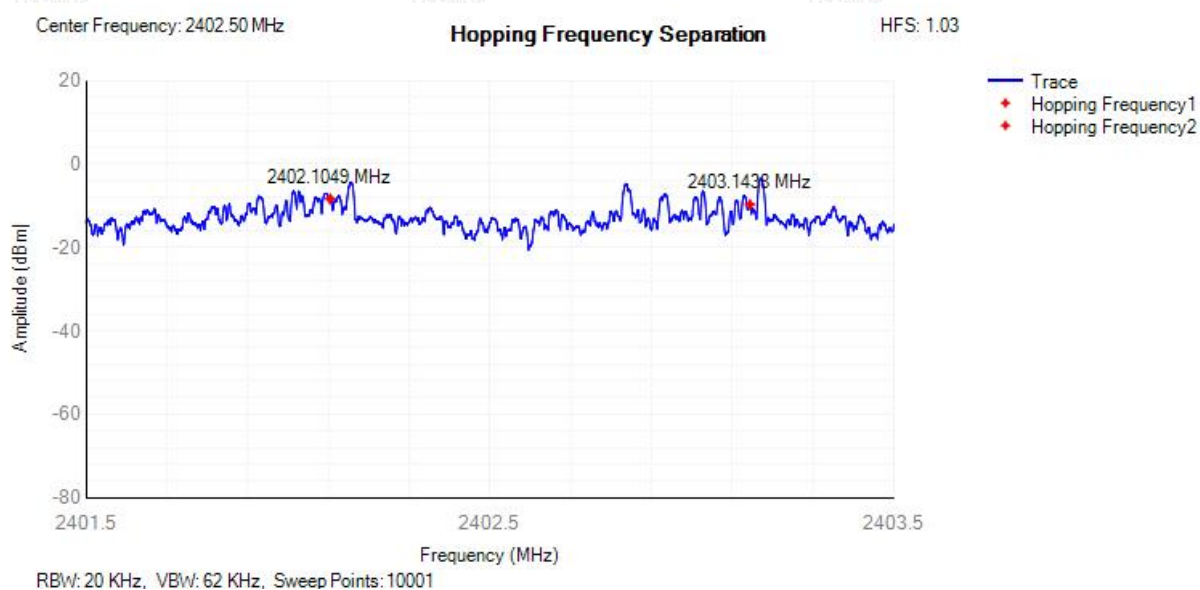


HFS NVNT 1-DH5 2480MHz

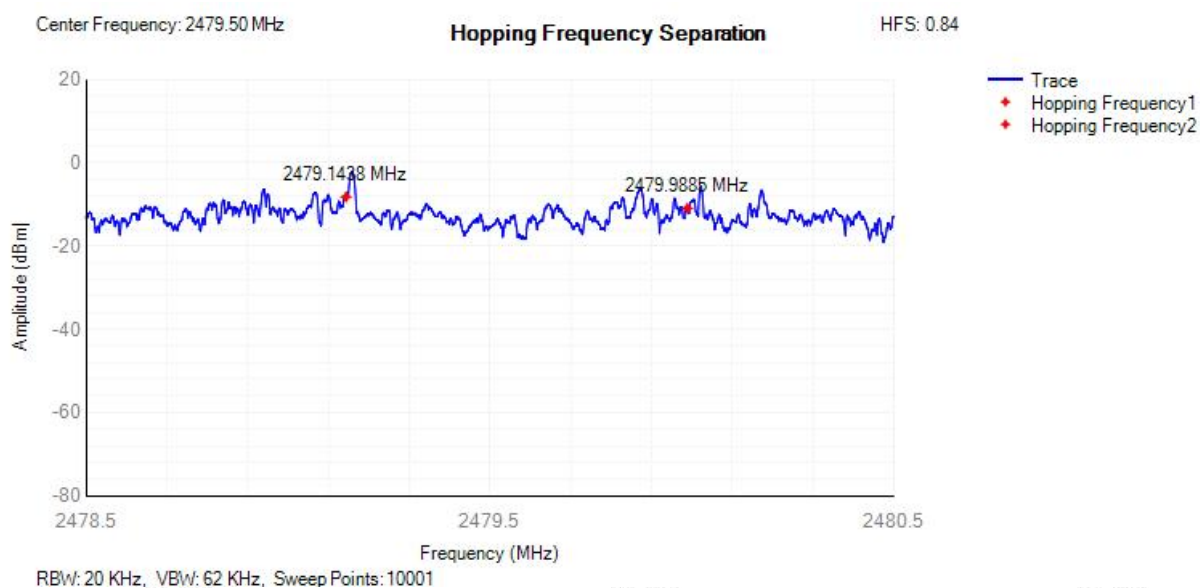




HFS NVNT 2-DH5 2402MHz

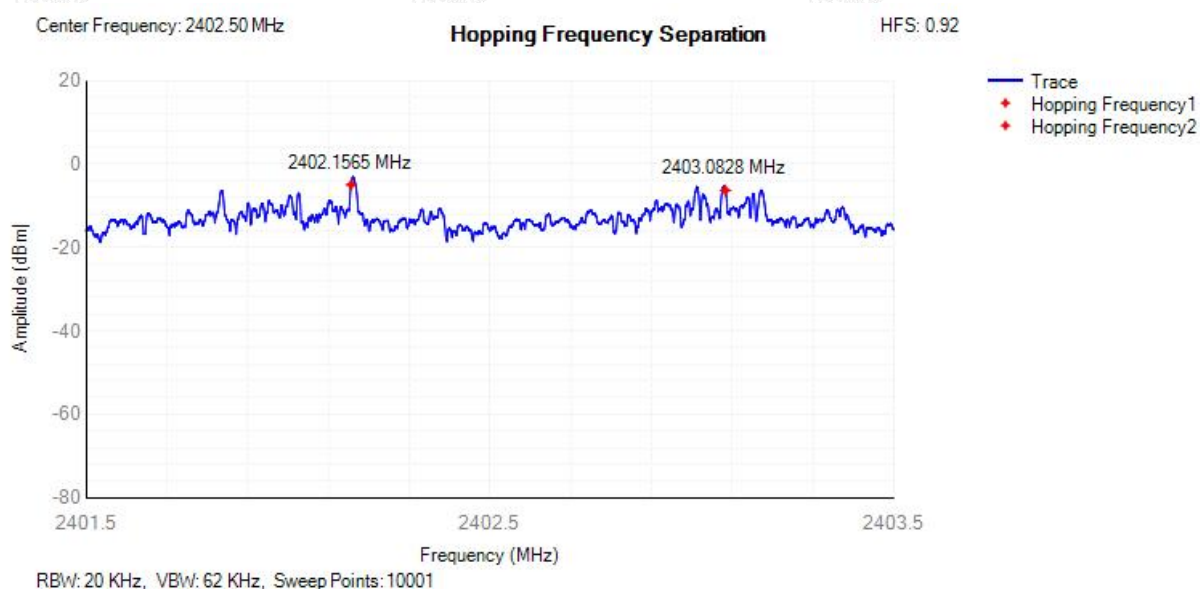


HFS NVNT 2-DH5 2480MHz

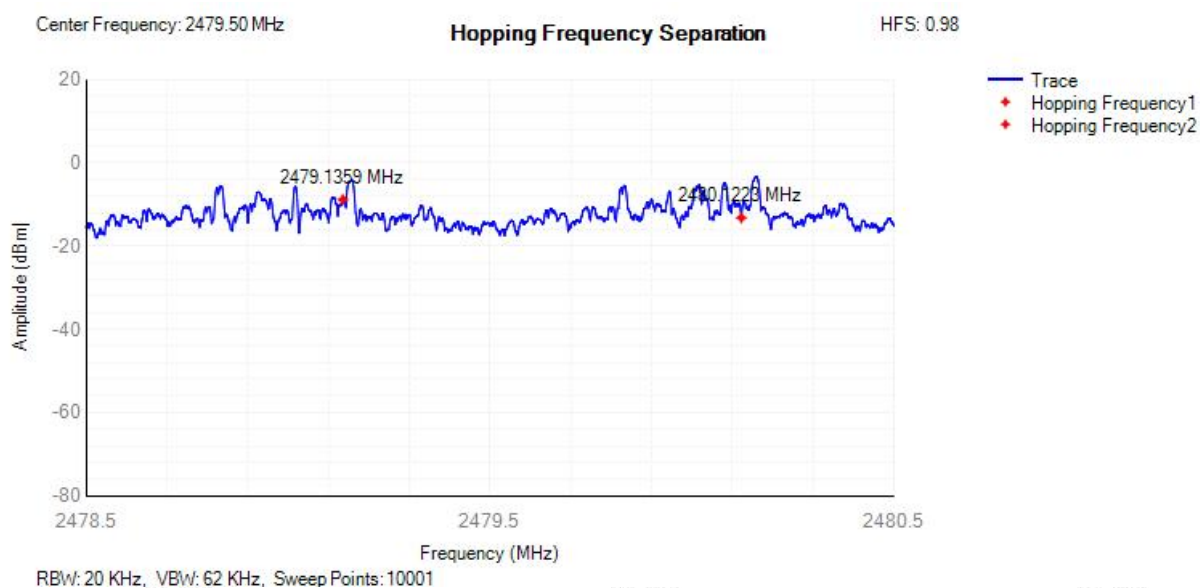




HFS NVNT 3-DH5 2402MHz



HFS NVNT 3-DH5 2480MHz

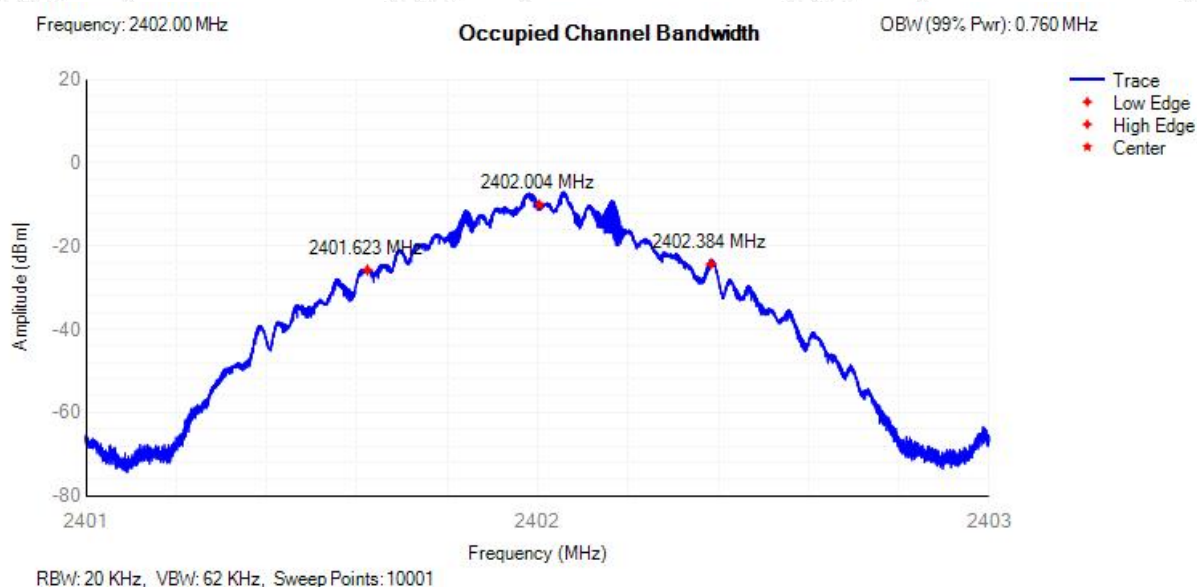




E.6 Occupied Channel Bandwidth

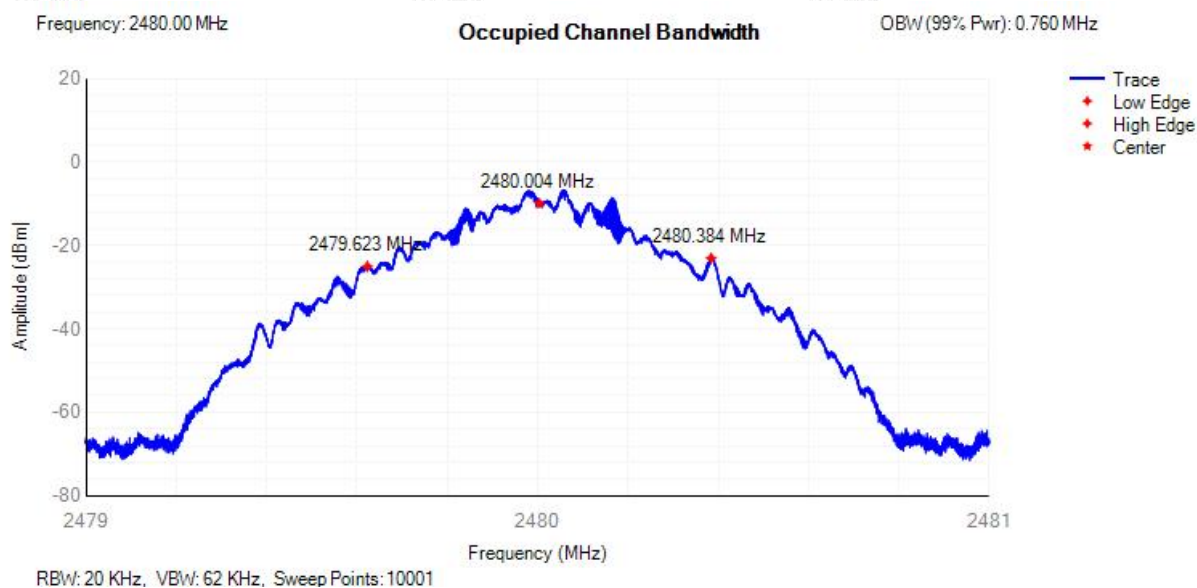
Condition	Mode	Frequency (MHz)	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	1-DH5	2402	2402.004	0.76	2401.623	2402.384	2400 - 2483.5MHz	Pass
NVNT	1-DH5	2480	2480.004	0.76	2479.623	2480.384	2400 - 2483.5MHz	Pass
NVNT	2-DH5	2402	2401.995	1.157	2401.416	2402.574	2400 - 2483.5MHz	Pass
NVNT	2-DH5	2480	2479.995	1.157	2479.416	2480.573	2400 - 2483.5MHz	Pass
NVNT	3-DH5	2402	2401.993	1.168	2401.408	2402.577	2400 - 2483.5MHz	Pass
NVNT	3-DH5	2480	2479.992	1.166	2479.409	2480.576	2400 - 2483.5MHz	Pass

OBW NVNT 1-DH5 2402MHz

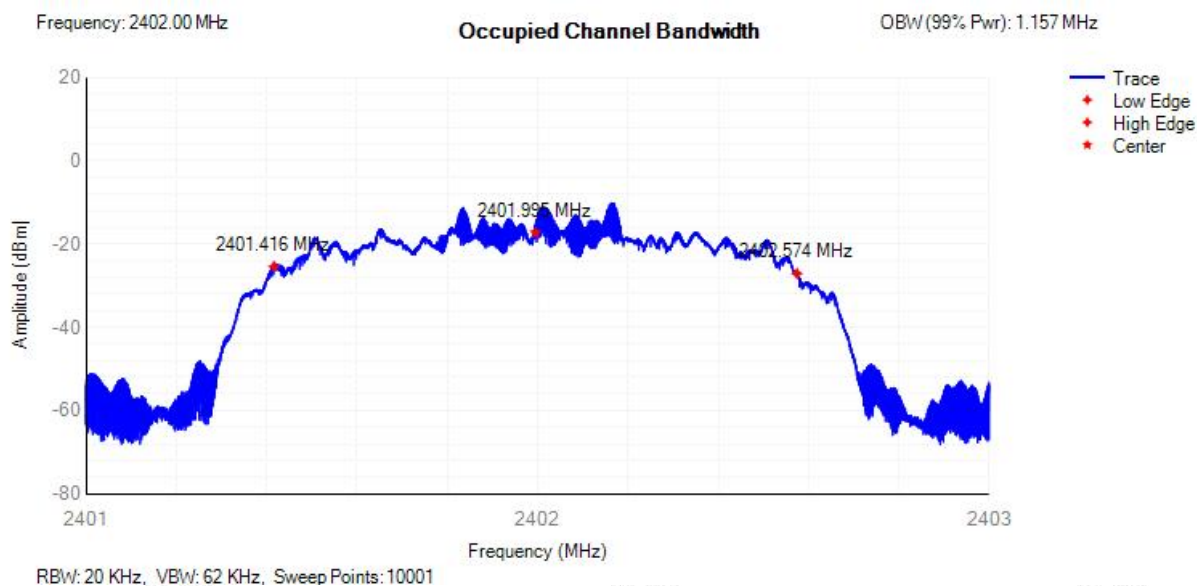




OBW NVNT 1-DH5 2480MHz

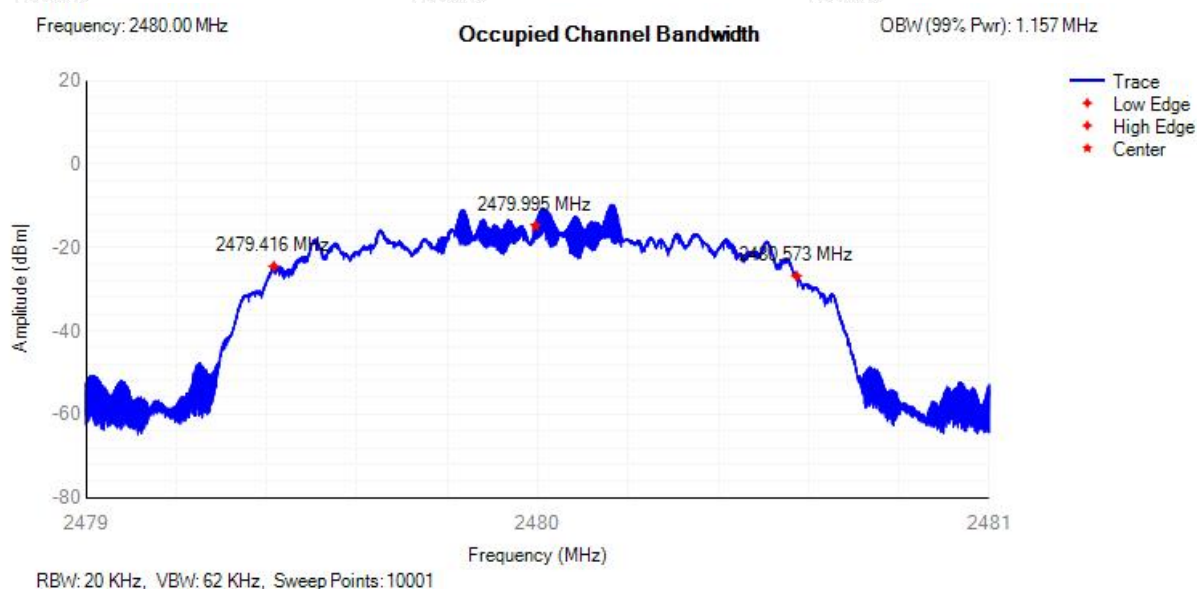


OBW NVNT 2-DH5 2402MHz

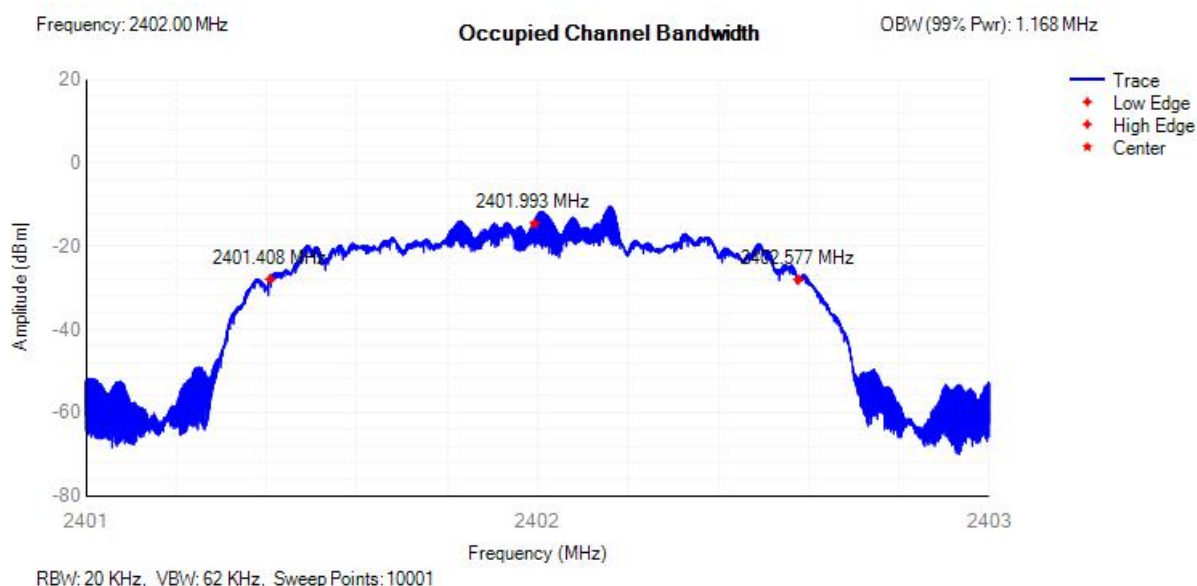




OBW NVNT 2-DH5 2480MHz



OBW NVNT 3-DH5 2402MHz



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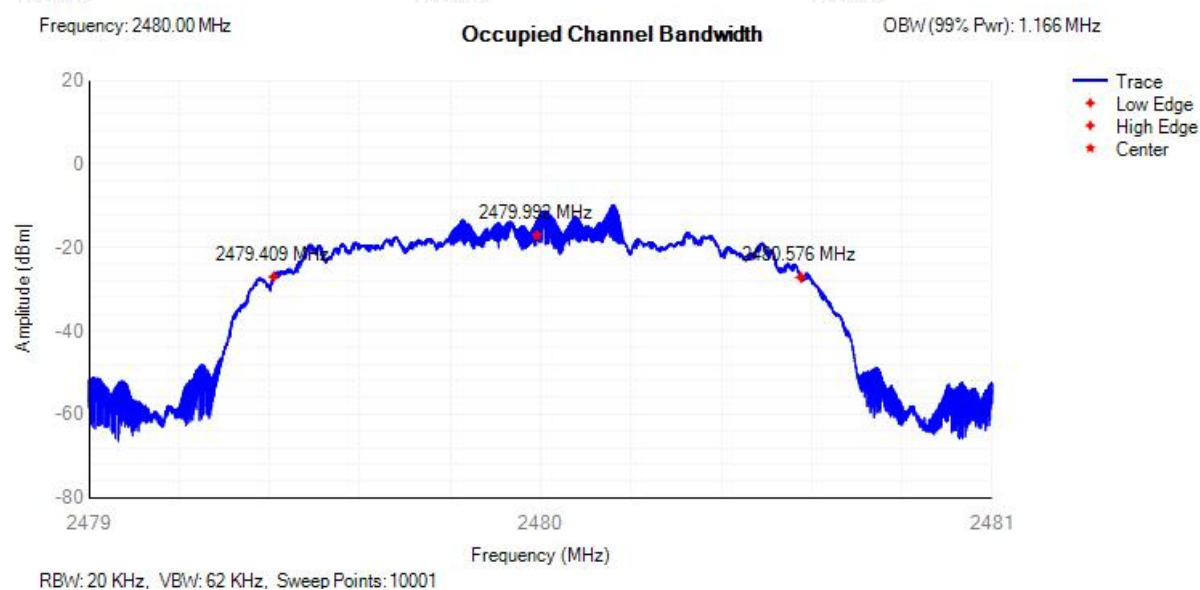
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OBW NVNT 3-DH5 2480MHz





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	-65.76	-10	Pass
NVNT	1-DH5	2402	2398.5	-72.3	-20	Pass
NVNT	1-DH5	2402	2484	-75.24	-10	Pass
NVNT	1-DH5	2402	2485	-71.96	-20	Pass
NVNT	1-DH5	2480	2399.5	-67.28	-10	Pass
NVNT	1-DH5	2480	2398.5	-69.04	-20	Pass
NVNT	1-DH5	2480	2484	-73.16	-10	Pass
NVNT	1-DH5	2480	2485	-69.12	-20	Pass
NVNT	2-DH5	2402	2399.5	-63.73	-10	Pass
NVNT	2-DH5	2402	2399.343	-69.59	-10	Pass
NVNT	2-DH5	2402	2398.343	-73.86	-20	Pass
NVNT	2-DH5	2402	2398.186	-71.19	-20	Pass
NVNT	2-DH5	2402	2484	-72.67	-10	Pass
NVNT	2-DH5	2402	2484.157	-75.77	-10	Pass
NVNT	2-DH5	2402	2485.157	-75.28	-20	Pass
NVNT	2-DH5	2402	2485.314	-70.65	-20	Pass
NVNT	2-DH5	2480	2399.5	-63.59	-10	Pass
NVNT	2-DH5	2480	2399.343	-74.79	-10	Pass
NVNT	2-DH5	2480	2398.343	-75.39	-20	Pass
NVNT	2-DH5	2480	2398.186	-69.69	-20	Pass
NVNT	2-DH5	2480	2484	-71.31	-10	Pass
NVNT	2-DH5	2480	2484.157	-75.45	-10	Pass
NVNT	2-DH5	2480	2485.157	-72.08	-20	Pass
NVNT	2-DH5	2480	2485.314	-72.49	-20	Pass
NVNT	3-DH5	2402	2399.5	-63.56	-10	Pass
NVNT	3-DH5	2402	2399.332	-76.08	-10	Pass
NVNT	3-DH5	2402	2398.332	-73.53	-20	Pass
NVNT	3-DH5	2402	2398.164	-73.23	-20	Pass
NVNT	3-DH5	2402	2484	-74.21	-10	Pass
NVNT	3-DH5	2402	2484.166	-70.25	-10	Pass
NVNT	3-DH5	2402	2485.166	-70.5	-20	Pass
NVNT	3-DH5	2402	2485.332	-75.33	-20	Pass
NVNT	3-DH5	2480	2399.5	-73.32	-10	Pass
NVNT	3-DH5	2480	2399.332	-70.4	-10	Pass
NVNT	3-DH5	2480	2398.332	-73.08	-20	Pass
NVNT	3-DH5	2480	2398.164	-73.15	-20	Pass



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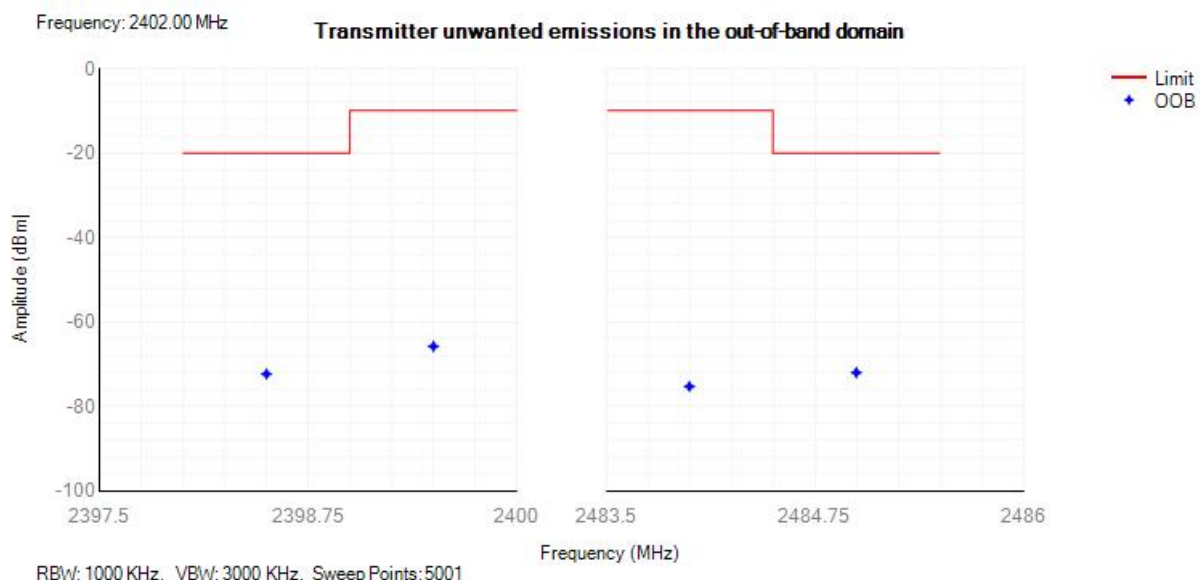
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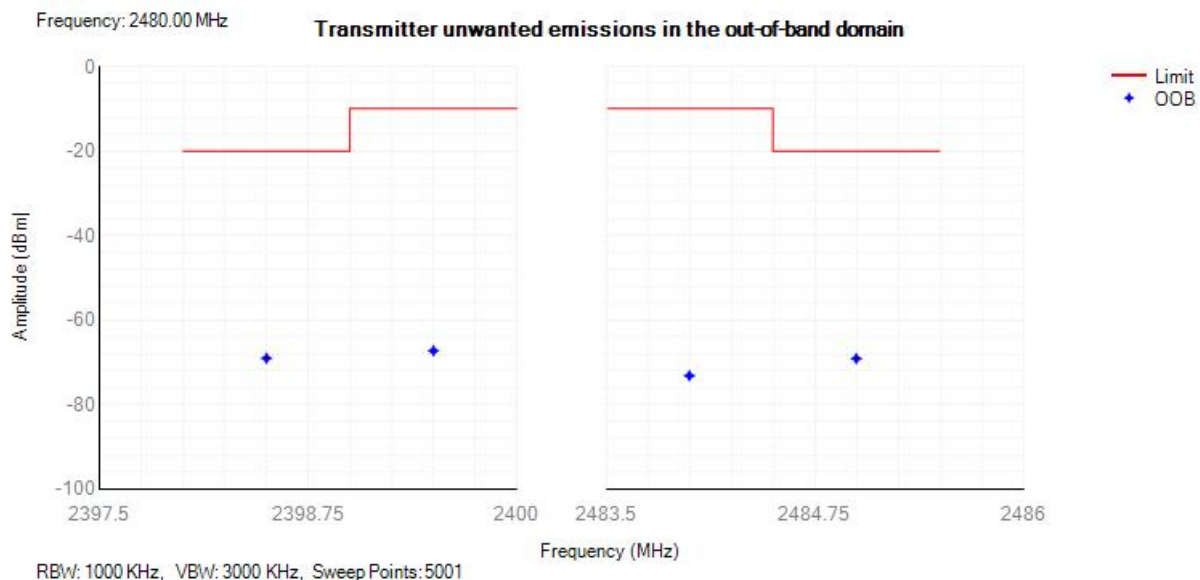


NVNT	3-DH5	2480	2484	-75.72	-10	Pass
NVNT	3-DH5	2480	2484.166	-72.96	-10	Pass
NVNT	3-DH5	2480	2485.166	-73.23	-20	Pass
NVNT	3-DH5	2480	2485.332	-74.49	-20	Pass

Tx. Emissions OOB NVNT 1-DH5 2402MHz

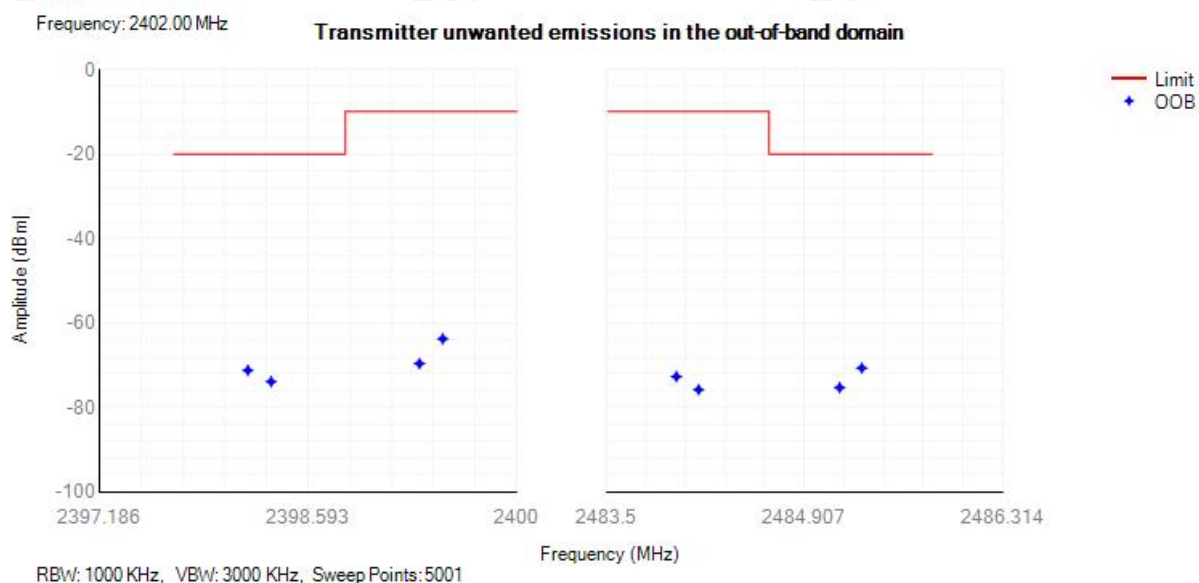


Tx. Emissions OOB NVNT 1-DH5 2480MHz

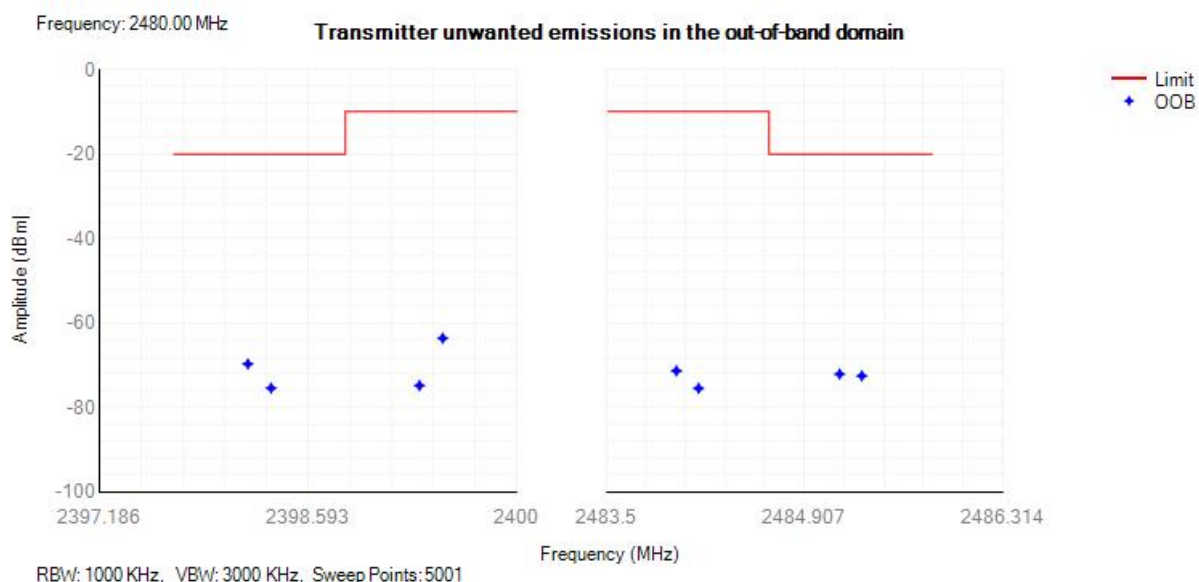




Tx. Emissions OOB NVNT 2-DH5 2402MHz

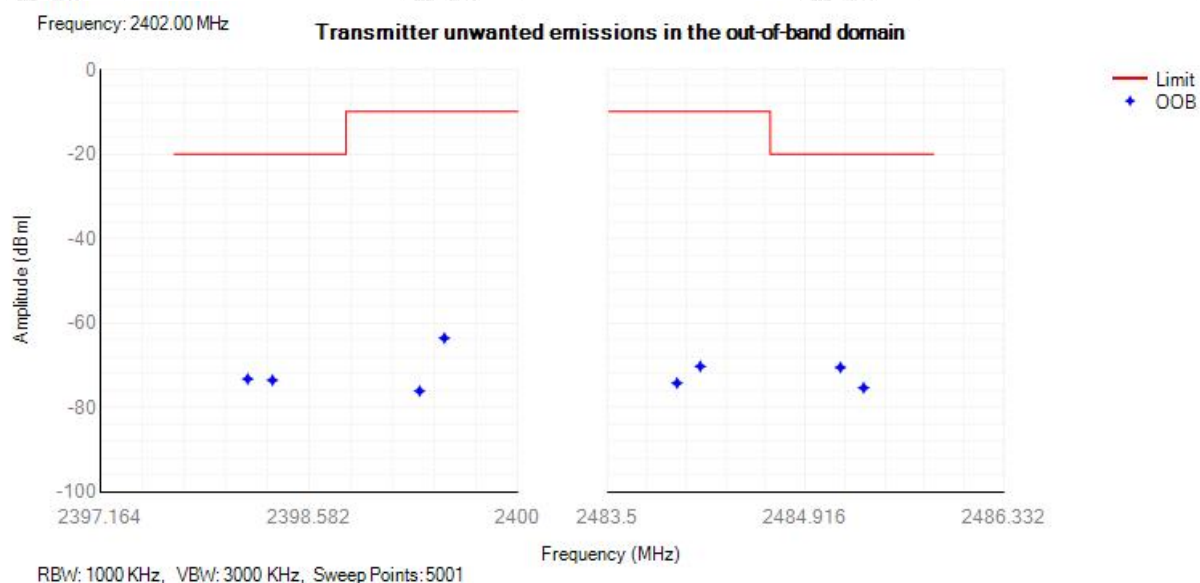


Tx. Emissions OOB NVNT 2-DH5 2480MHz

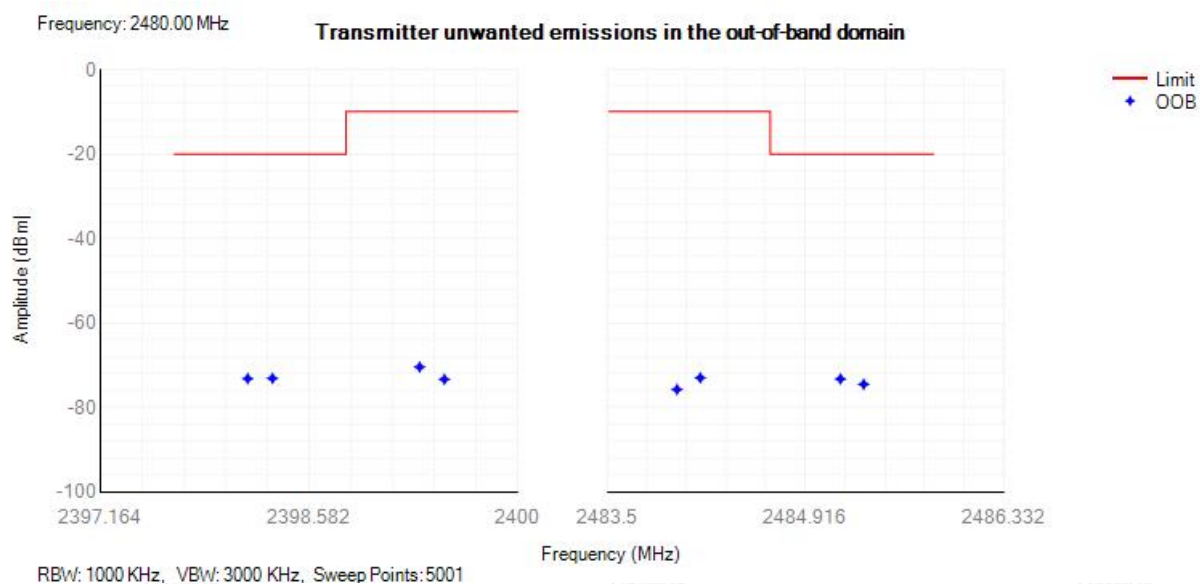




Tx. Emissions OOB NVNT 3-DH5 2402MHz



Tx. Emissions OOB NVNT 3-DH5 2480MHz

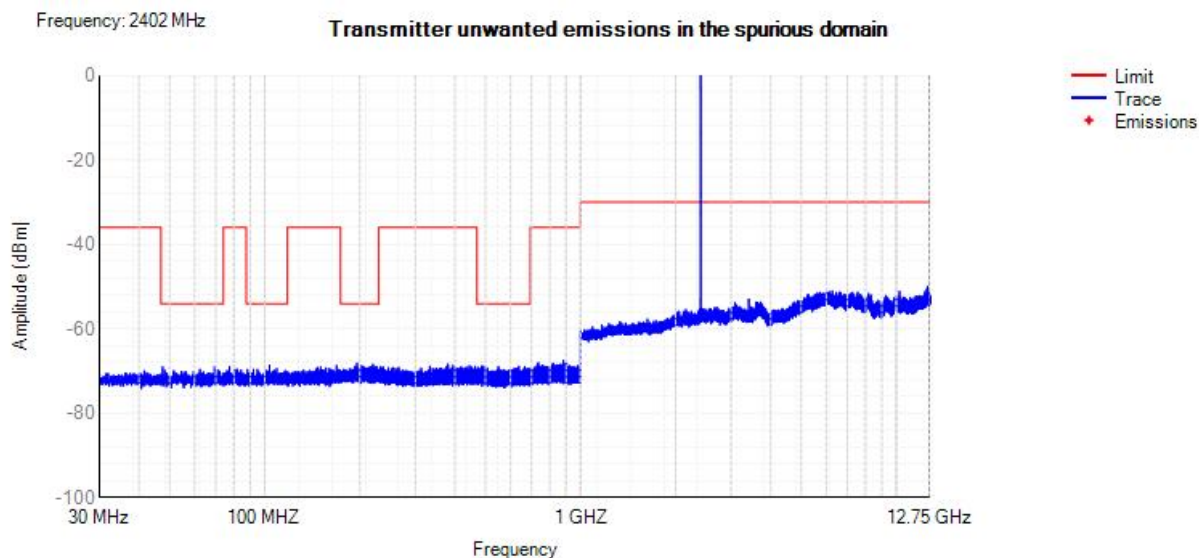




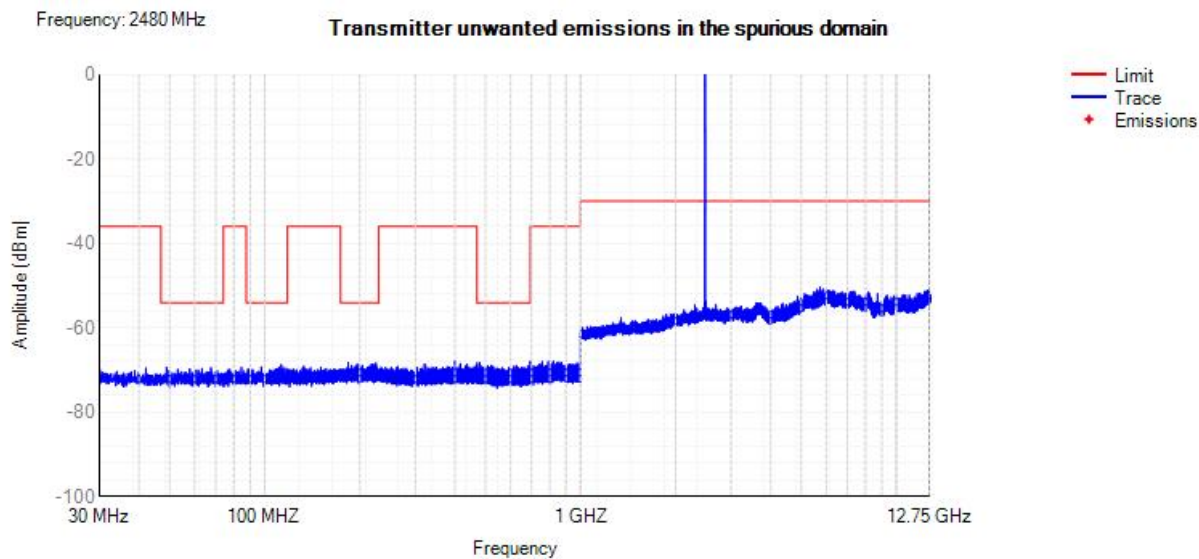
E.8 Transmitter unwanted emissions in the spurious domain

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



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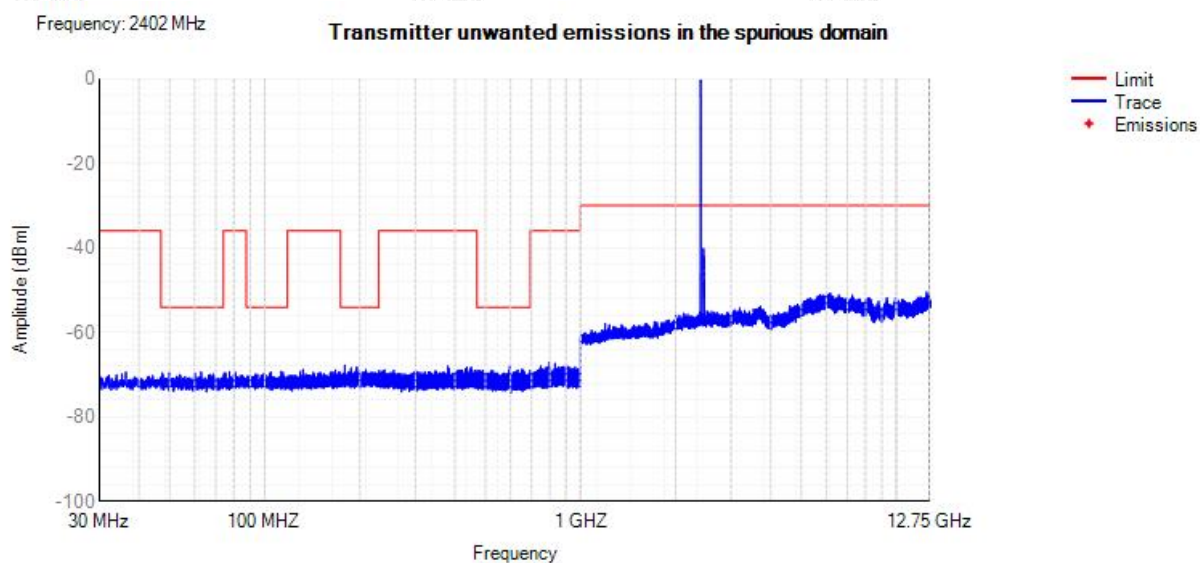
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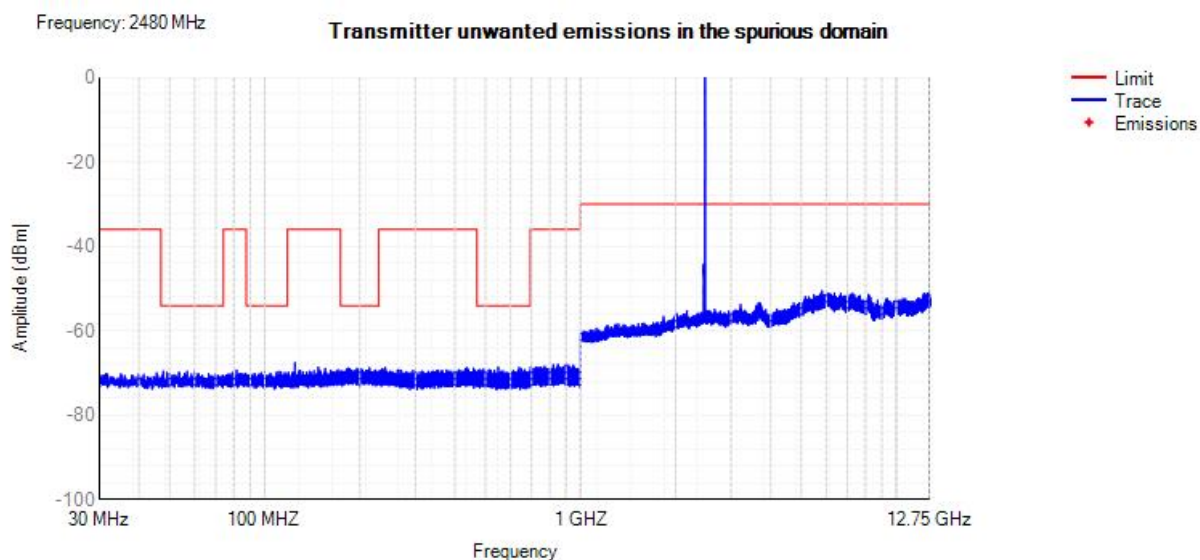
Scan code to check authenticity



Tx. Spurious NVNT 2-DH5 2402MHz



Tx. Spurious NVNT 2-DH5 2480MHz

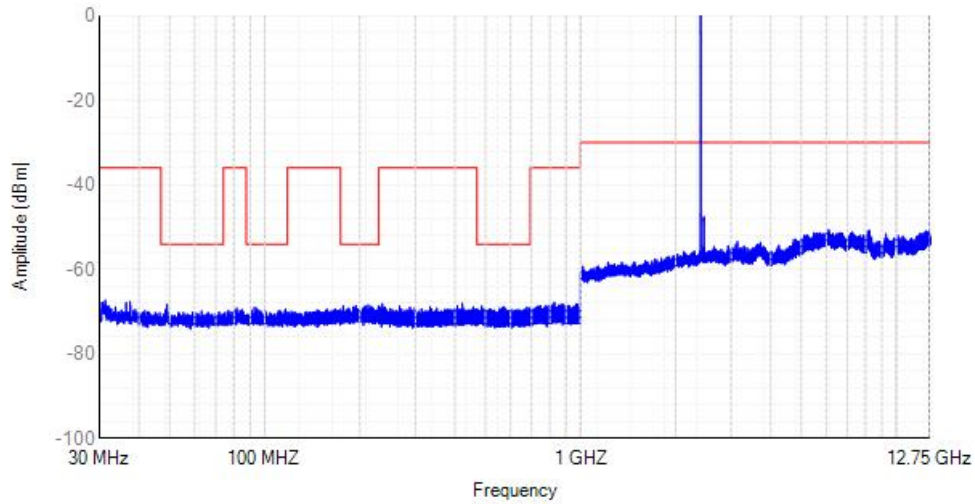




Tx. Spurious NVNT 3-DH5 2402MHz

Frequency: 2402 MHz

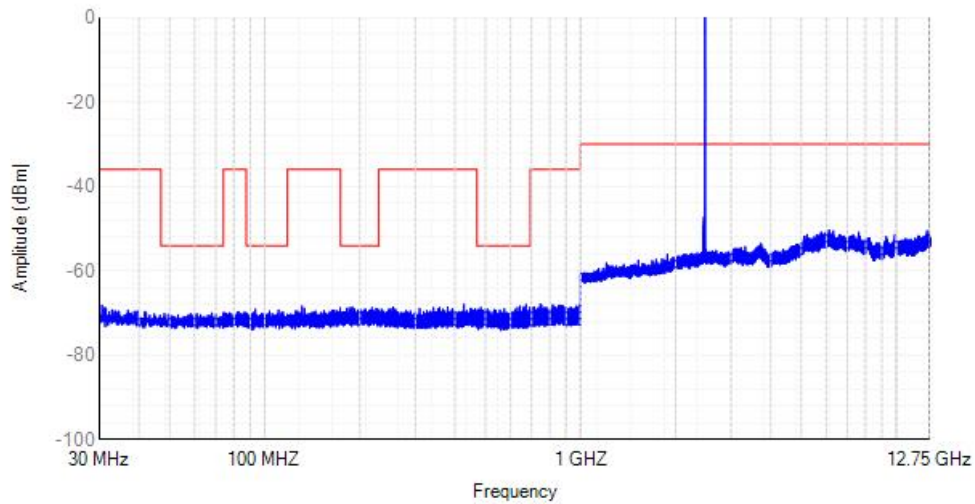
Transmitter unwanted emissions in the spurious domain



Tx. Spurious NVNT 3-DH5 2480MHz

Frequency: 2480 MHz

Transmitter unwanted emissions in the spurious domain

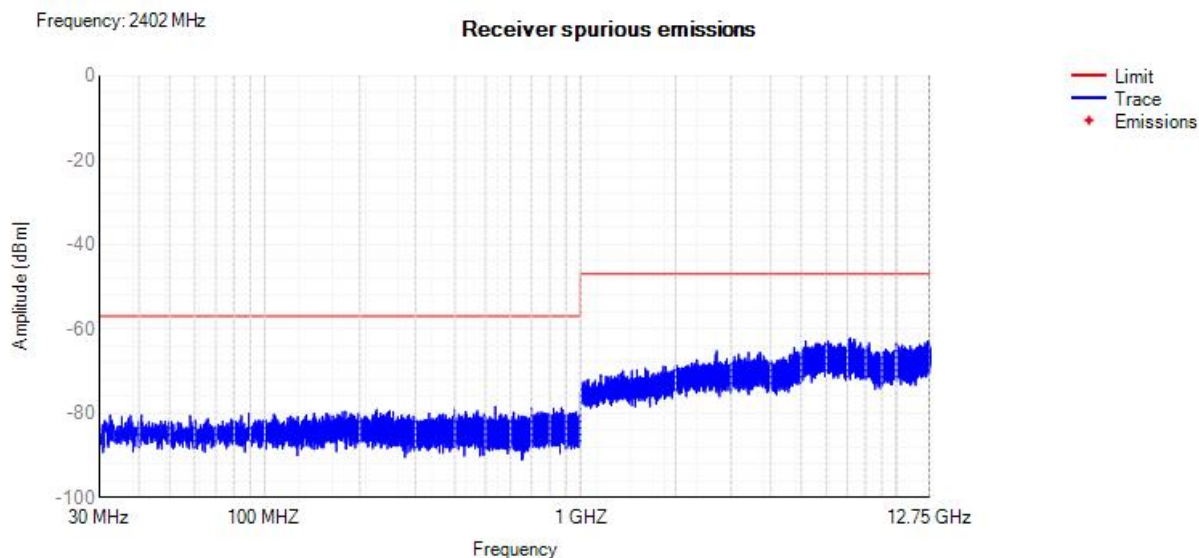




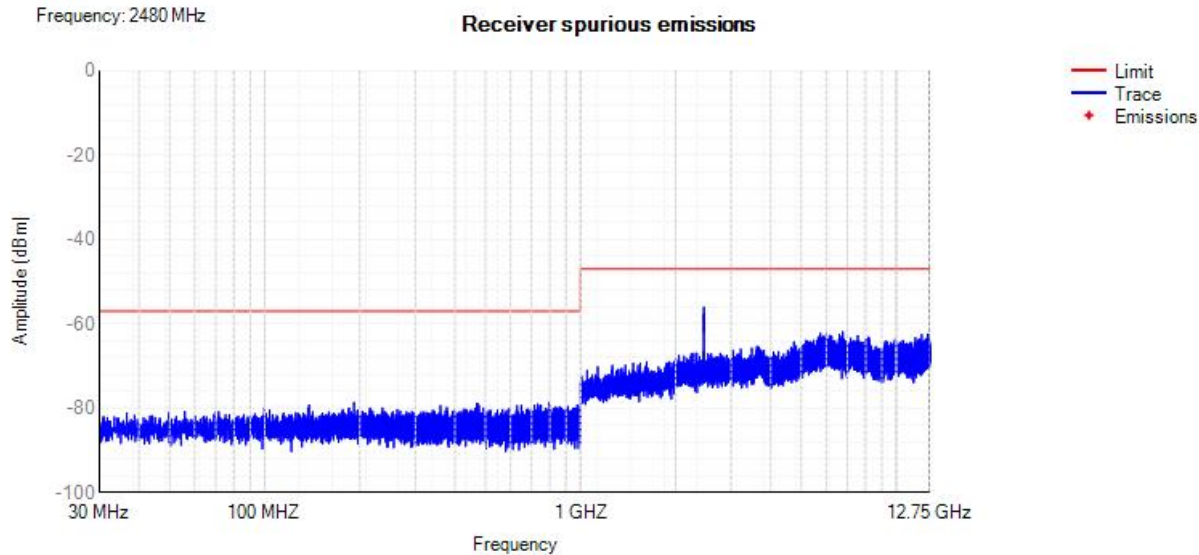
E.9 Receiver spurious emissions

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



Shenzhen LCS Compliance Testing Laboratory Ltd.

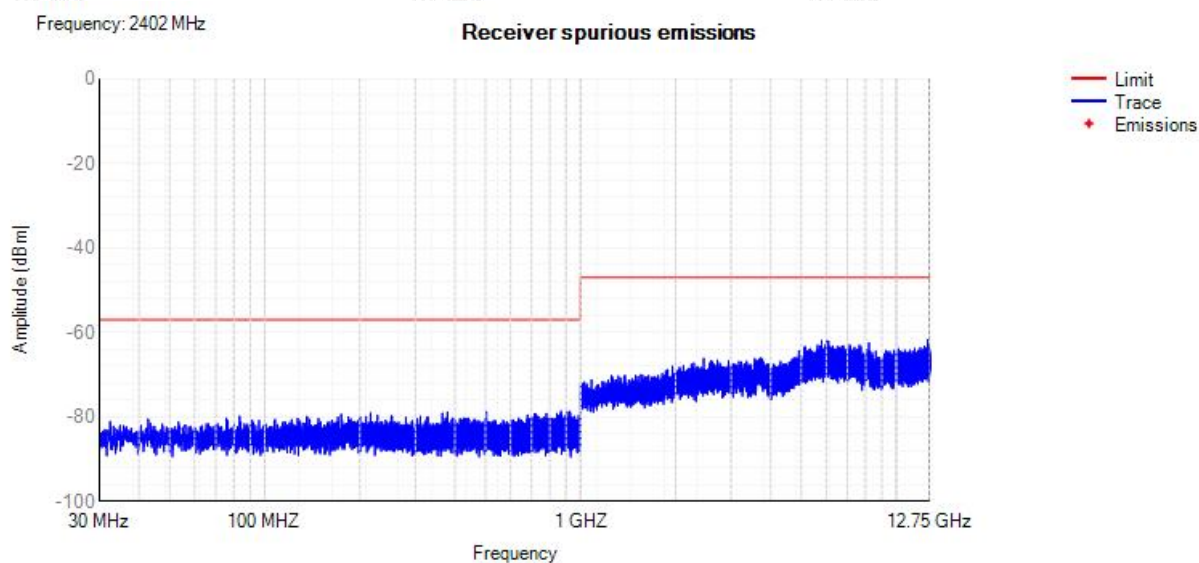
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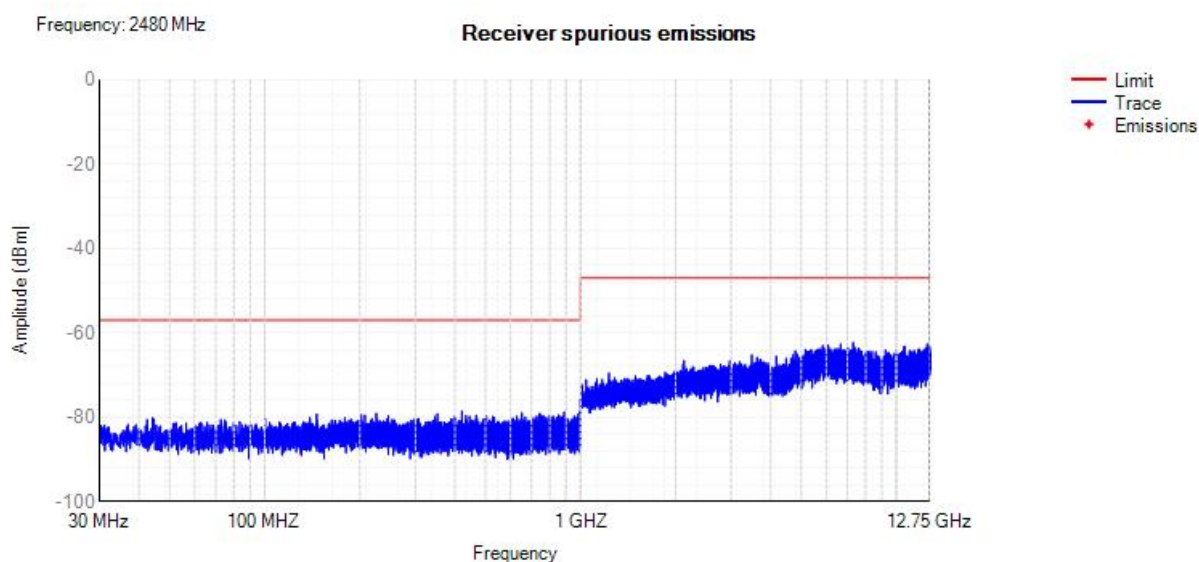
Scan code to check authenticity



Rx. Spurious NVNT 2-DH5 2402MHz

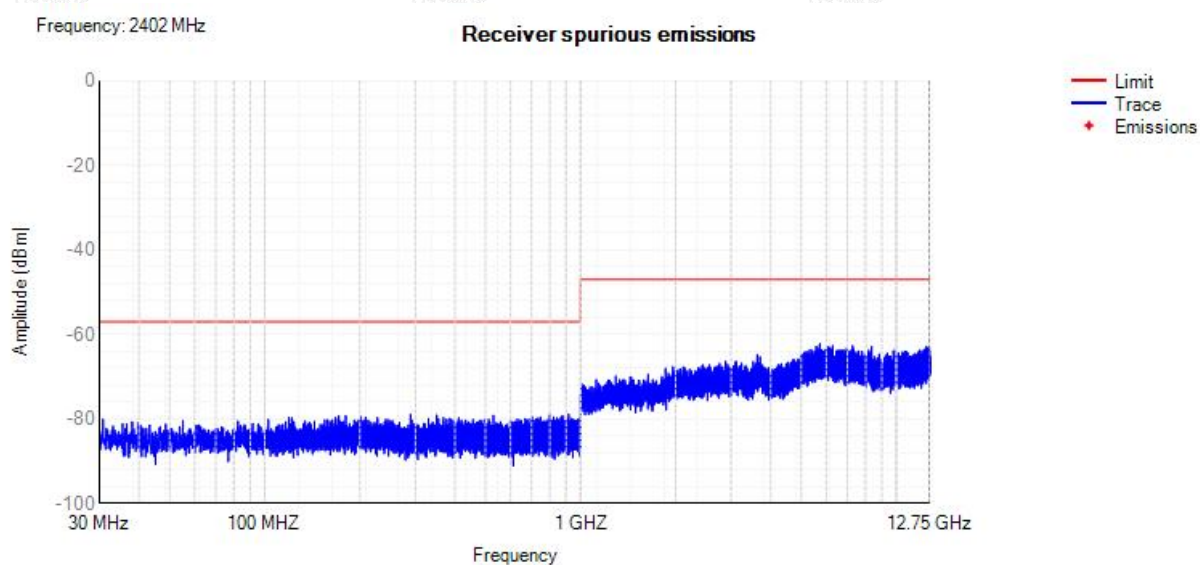


Rx. Spurious NVNT 2-DH5 2480MHz

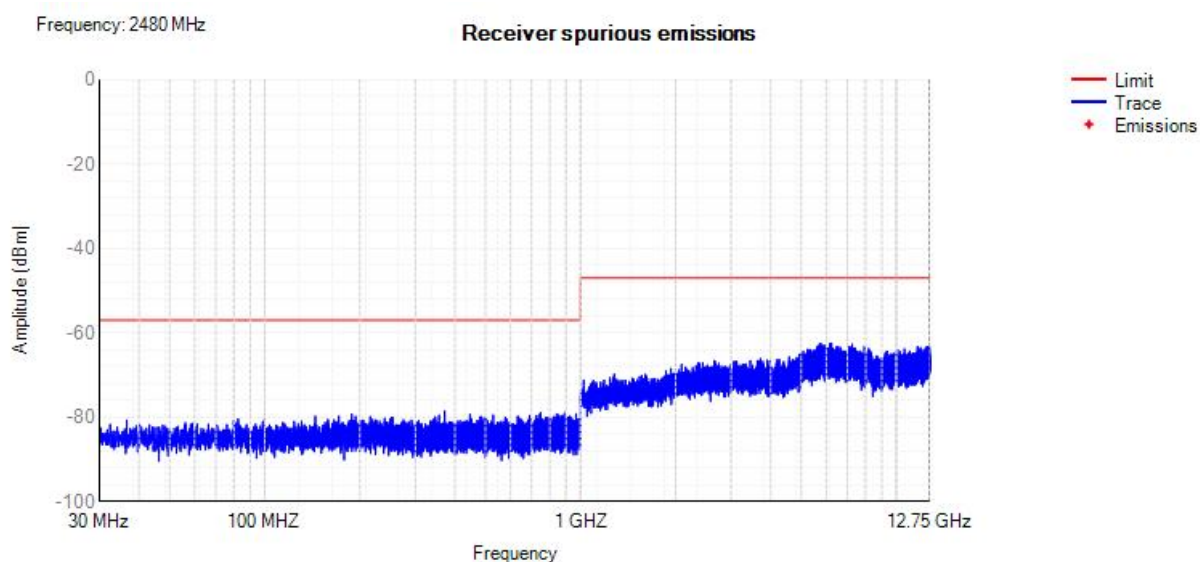




Rx. Spurious NVNT 3-DH5 2402MHz



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	-28	≥-34	CW	3.35	10	Pass
			2504	-22	≥-34	CW	2.78	10	Pass
			2300	-26	≥-34	CW	1.98	10	Pass
			2584	-24	≥-34	CW	2.89	10	Pass
	2480	-70	2380	-30	≥-34	CW	2.76	10	Pass
			2504	-25	≥-34	CW	3.27	10	Pass
			2300	-28	≥-34	CW	3.86	10	Pass
			2584	-20	≥-34	CW	3.07	10	Pass
2DH5	2402	-68	2380	-21	≥-34	CW	3.69	10	Pass
			2504	-21	≥-34	CW	3.55	10	Pass
			2300	-29	≥-34	CW	1.45	10	Pass
			2584	-28	≥-34	CW	2.98	10	Pass
	2480	-68	2380	-22	≥-34	CW	4.22	10	Pass
			2504	-28	≥-34	CW	3.00	10	Pass
			2300	-23	≥-34	CW	2.71	10	Pass
			2584	-20	≥-34	CW	1.64	10	Pass
3DH5	2402	-68	2380	-23	≥-34	CW	4.00	10	Pass
			2504	-25	≥-34	CW	3.15	10	Pass
			2300	-25	≥-34	CW	4.34	10	Pass
			2584	-25	≥-34	CW	4.84	10	Pass
	2480	-68	2380	-30	≥-34	CW	2.84	10	Pass
			2504	-24	≥-34	CW	5.32	10	Pass
			2300	-21	≥-34	CW	5.23	10	Pass
			2584	-23	≥-34	CW	4.81	10	Pass

