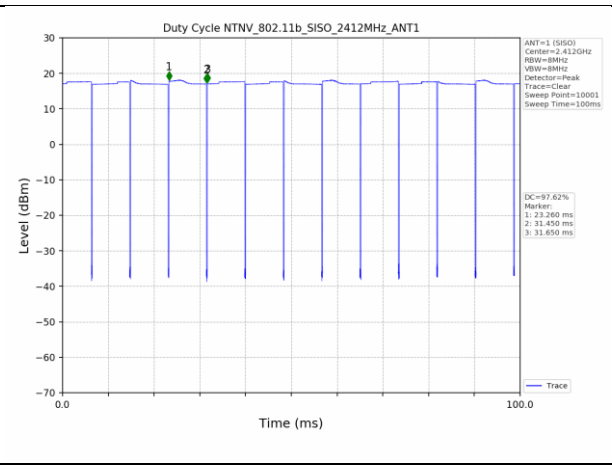
Appendix for 15.247

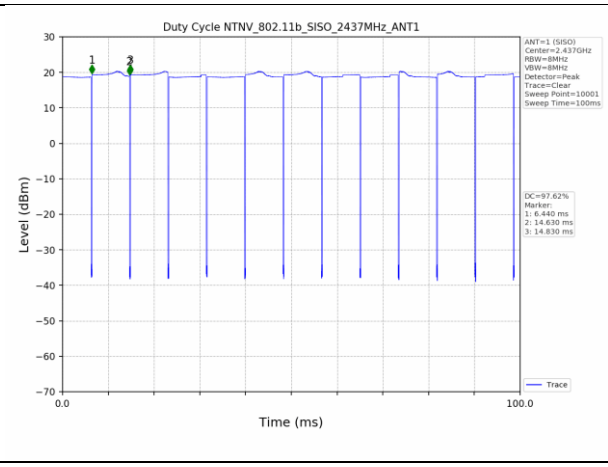
1. Duty Cycle

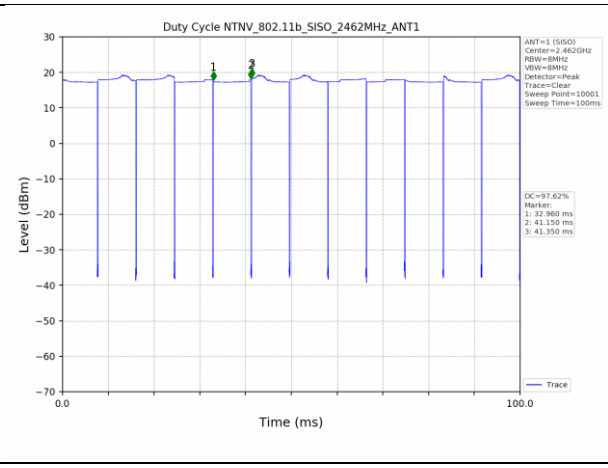
1.1 Test Result

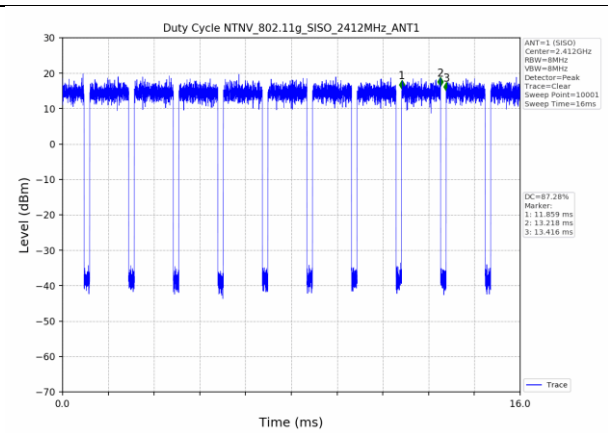
Test Mode	Channel Frequency(MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11b	2412	SISO	1	8.190	8.390	97.62	0.10
	2437	SISO	1	8.190	8.390	97.62	0.10
	2462	SISO	1	8.190	8.390	97.62	0.10
802.11g	2412	SISO	1	1.359	1.557	87.28	0.59
	2437	SISO	1	1.360	1.559	87.24	0.59
	2462	SISO	1	1.359	1.557	87.28	0.59
802.11n(HT20)	2412	SISO	1	1.244	1.438	86.51	0.63
	2437	SISO	1	1.243	1.439	86.38	0.64
	2462	SISO	1	1.244	1.439	86.45	0.63
802.11n(HT40)	2422	SISO	1	0.618	0.651	94.93	0.23
	2437	SISO	1	0.618	0.652	94.79	0.23
	2452	SISO	1	0.618	0.651	94.93	0.23

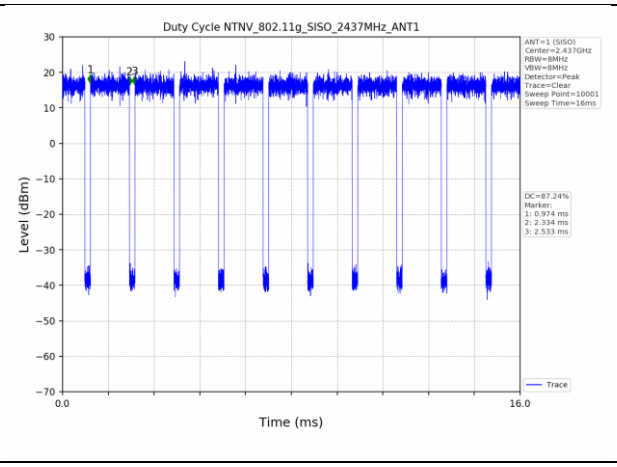
1.2 Test Graph

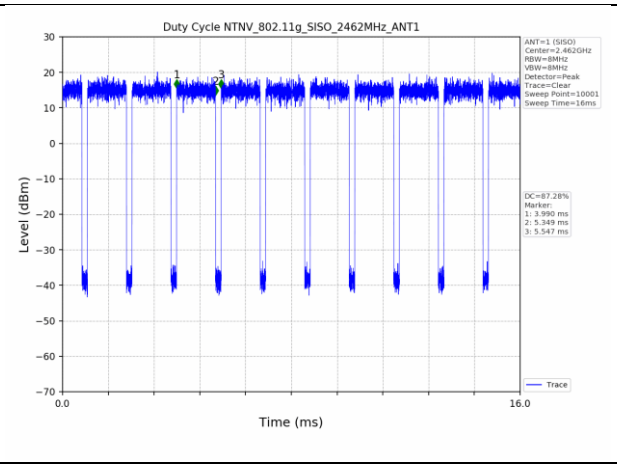


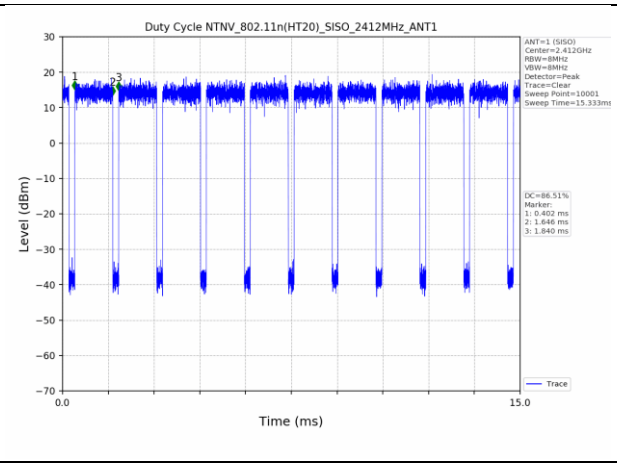

Duty Cycle NTNV_802.11b_SISO_2437MHz_ANT1
Level (dBm)
Time (ms)
0.0
100.0
ANT=1 (SISO)
Center=2.437GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=100ms
DC=97.62%
Marker:
1: 6.440 ms
2: 14.630 ms
3: 14.830 ms
Trace

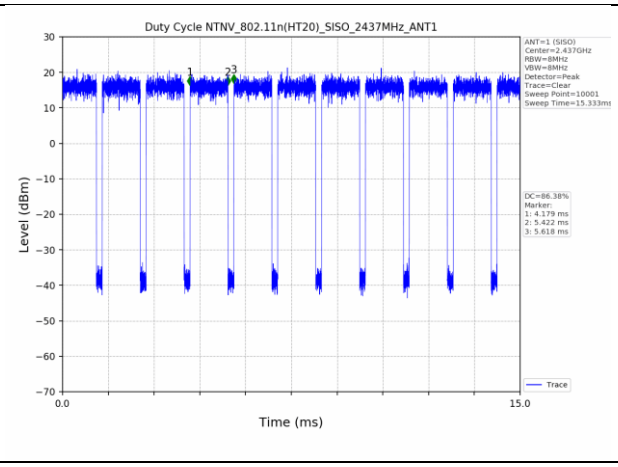

Duty Cycle NTNV_802.11b_SISO_2462MHz_ANT1
Level (dBm)
Time (ms)
0.0
100.0
ANT=1 (SISO)
Center=2.462GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=100ms
DC=97.62%
Marker:
1: 32.960 ms
2: 41.150 ms
3: 41.350 ms
Trace

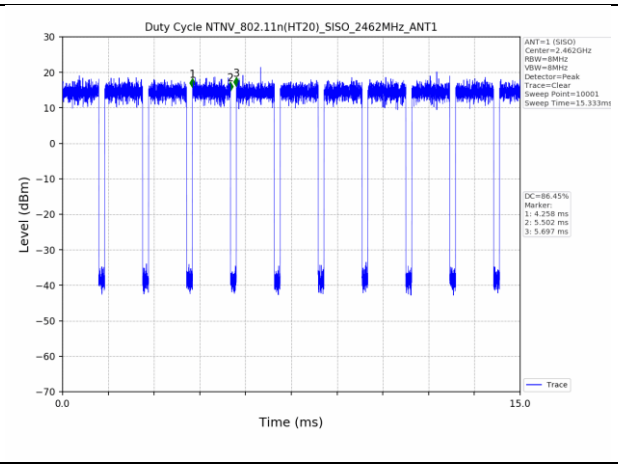

Duty Cycle NTNV_802.11g_SISO_2412MHz_ANT1
Level (dBm)
Time (ms)
0.0
16.0
ANT=1 (SISO)
Center=2.412GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=16ms
DC=87.28%
Marker:
1: 11.859 ms
2: 13.218 ms
3: 13.416 ms
Trace

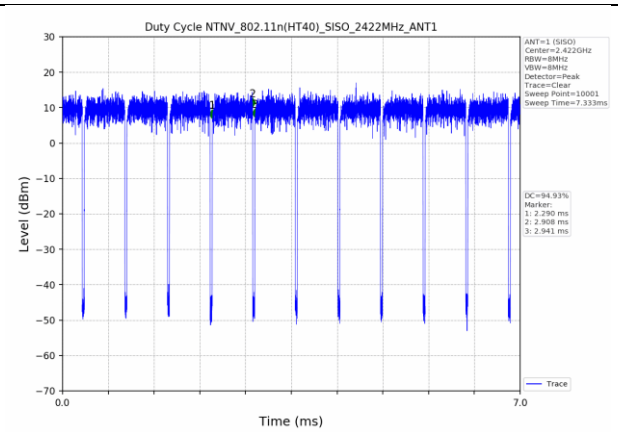

Duty Cycle NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
Center=2.437GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=16ms
DC=87.24%
Marker:
1: 0.974 ms
2: 2.334 ms
3: 2.533 ms
Trace
Level (dBm)
Time (ms)
0.0
16.0

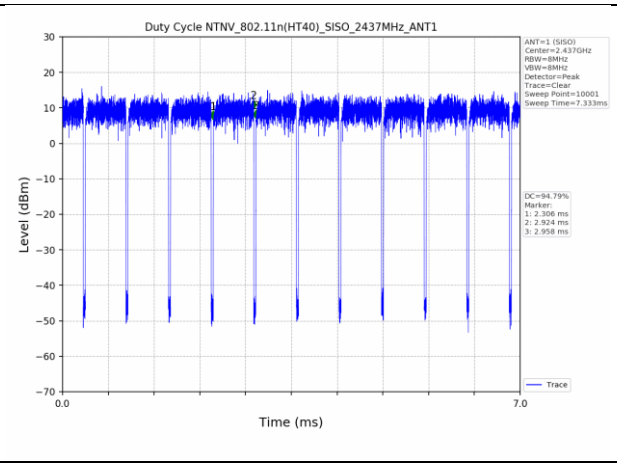

Duty Cycle NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
Center=2.462GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=16ms
DC=87.28%
Marker:
1: 3.990 ms
2: 5.349 ms
3: 5.547 ms
Trace
Level (dBm)
Time (ms)
0.0
16.0

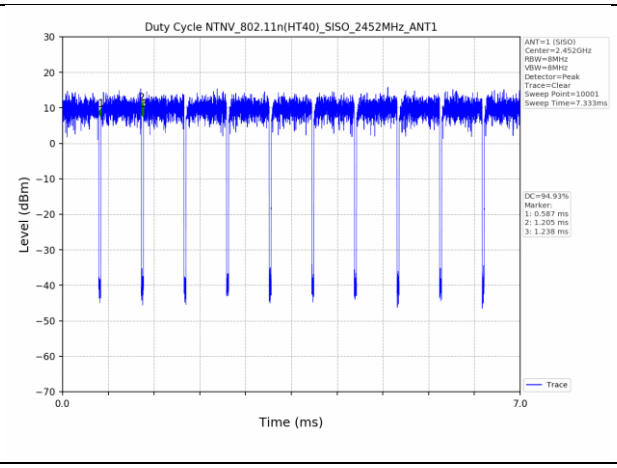

Duty Cycle NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
Center=2.412GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=15.333ms
DC=86.51%
Marker:
1: 0.402 ms
2: 1.646 ms
3: 1.840 ms
Trace
Level (dBm)
Time (ms)
0.0
15.0


Duty Cycle NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
Level (dBm)
Time (ms)
0.0
15.0
ANT=1 (SISO)
Center=2.437GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=15.333ms
DC=86.38%
Marker:
1: 4.179 ms
2: 5.422 ms
3: 5.618 ms
Trace


Duty Cycle NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
Level (dBm)
Time (ms)
0.0
15.0
ANT=1 (SISO)
Center=2.462GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=15.333ms
DC=86.45%
Marker:
1: 4.258 ms
2: 5.502 ms
3: 5.697 ms
Trace


Duty Cycle NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
Level (dBm)
Time (ms)
0.0
7.0
ANT=1 (SISO)
Center=2.422GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=7.333ms
DC=94.93%
Marker:
1: 2.290 ms
2: 2.908 ms
3: 2.941 ms
Trace


Duty Cycle NTNV_802.11n(HT40)_SISO_2437MHz_ANT1
ANT=1 (SISO)
Center=2.437GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=7.333ms
DC=94.79%
Marker:
1: 2.306 ms
2: 2.924 ms
3: 2.958 ms
Trace
Level (dBm)
Time (ms)
0.0
7.0


Duty Cycle NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
Center=2.452GHz
RBW=8MHz
VBW=8MHz
Detector=Peak
Trace=Clear
Sweep Point=10001
Sweep Time=7.333ms
DC=94.93%
Marker:
1: 0.587 ms
2: 1.205 ms
3: 1.238 ms
Trace
Level (dBm)
Time (ms)
0.0
7.0

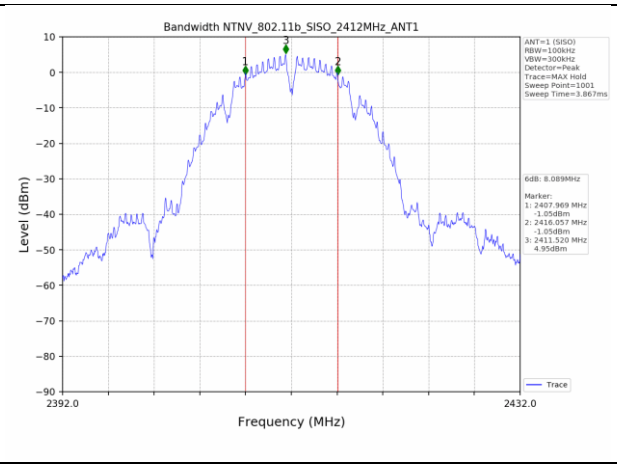
2. Bandwidth

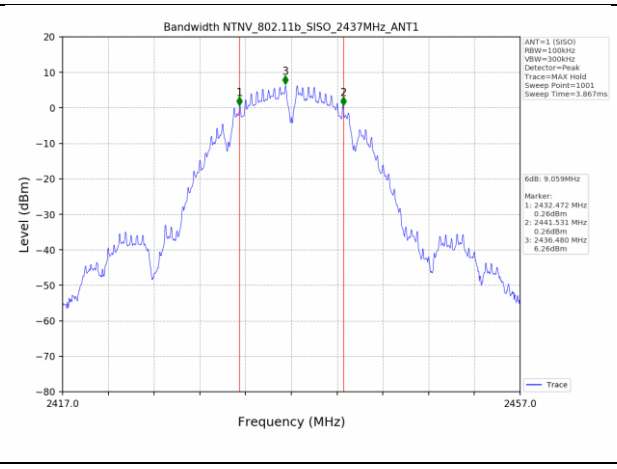
2.1 Test Result

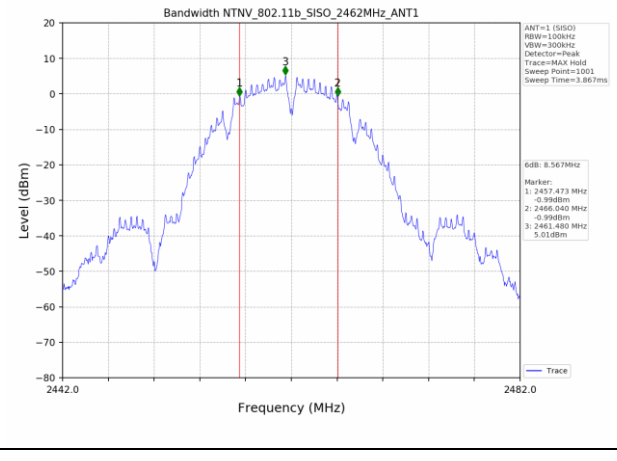
Test Mode	Frequency (MHz)	TX Type	ANT No.	6dB Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11b	2412	SISO	1	8.089	≥0.5	PASS
	2437	SISO	1	9.059	≥0.5	PASS
	2462	SISO	1	8.567	≥0.5	PASS
802.11g	2412	SISO	1	16.380	≥0.5	PASS
	2437	SISO	1	16.396	≥0.5	PASS
	2462	SISO	1	16.370	≥0.5	PASS
802.11n(HT20)	2412	SISO	1	17.606	≥0.5	PASS
	2437	SISO	1	17.590	≥0.5	PASS
	2462	SISO	1	17.351	≥0.5	PASS
802.11n(HT40)	2422	SISO	1	35.285	≥0.5	PASS
	2437	SISO	1	35.228	≥0.5	PASS
	2452	SISO	1	35.273	≥0.5	PASS

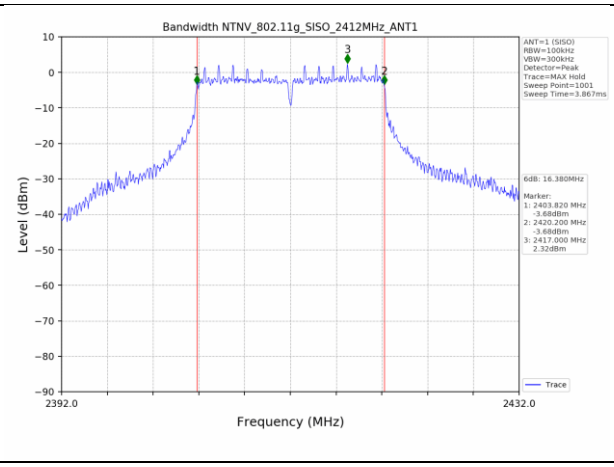
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11b	2412	SISO	1	13.395	Only for Report Use
	2437	SISO	1	13.443	Only for Report Use
	2462	SISO	1	13.615	Only for Report Use
802.11g	2412	SISO	1	17.334	Only for Report Use
	2437	SISO	1	17.377	Only for Report Use
	2462	SISO	1	17.643	Only for Report Use
802.11n(HT20)	2412	SISO	1	18.284	Only for Report Use
	2437	SISO	1	18.319	Only for Report Use
	2462	SISO	1	18.487	Only for Report Use
802.11n(HT40)	2422	SISO	1	36.736	Only for Report Use
	2437	SISO	1	36.666	Only for Report Use
	2452	SISO	1	36.756	Only for Report Use

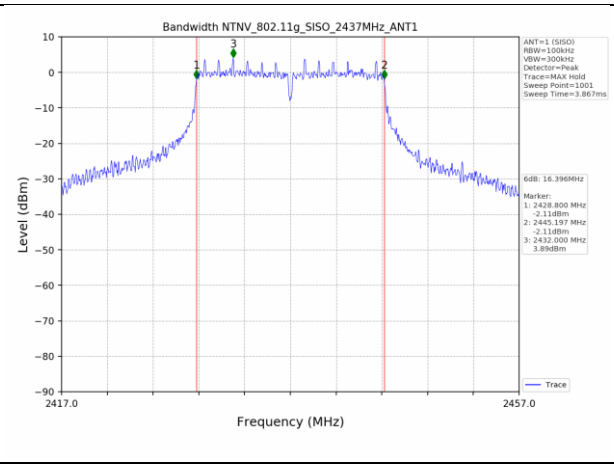
2.2 Test Graph - 6dB Bandwidth

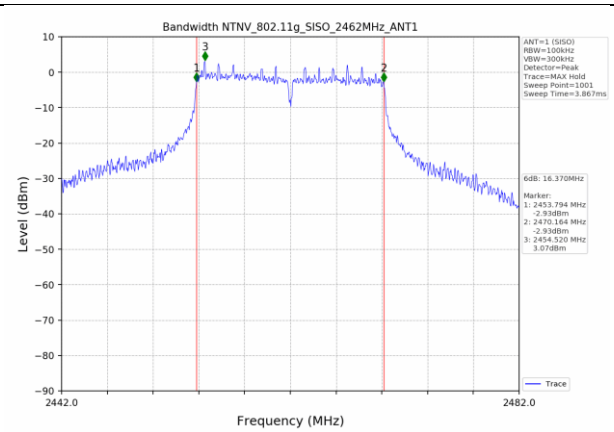


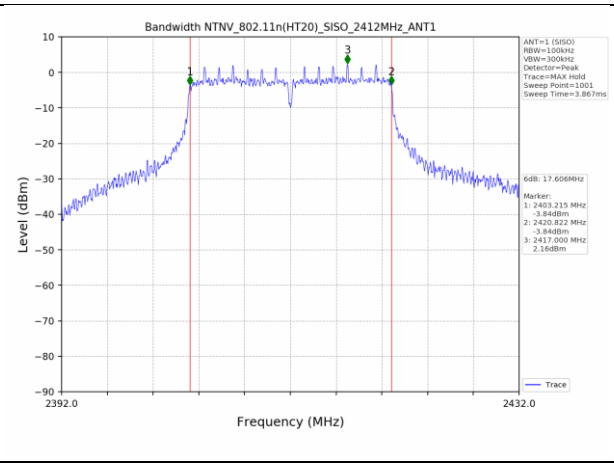


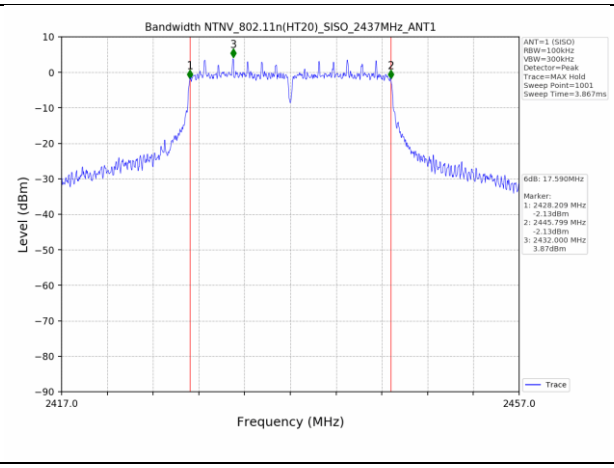


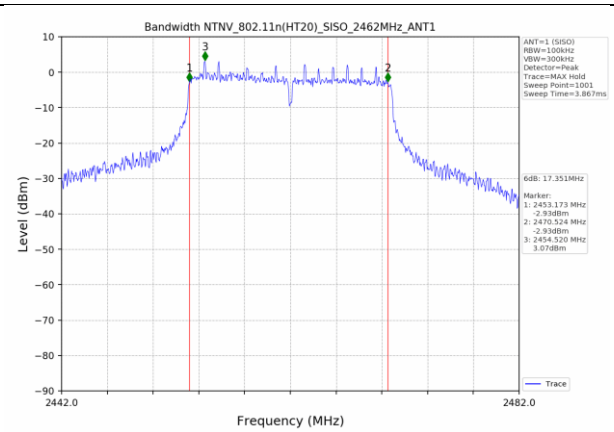

Bandwidth NTNV_802.11g_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 16.380MHz
Marker:
1: 2403.820 MHz
-3.68dBm
2: 2420.200 MHz
-3.68dBm
3: 2417.000 MHz
2.32dBm
Trace
Level (dBm)
Frequency (MHz)
2392.0
2432.0

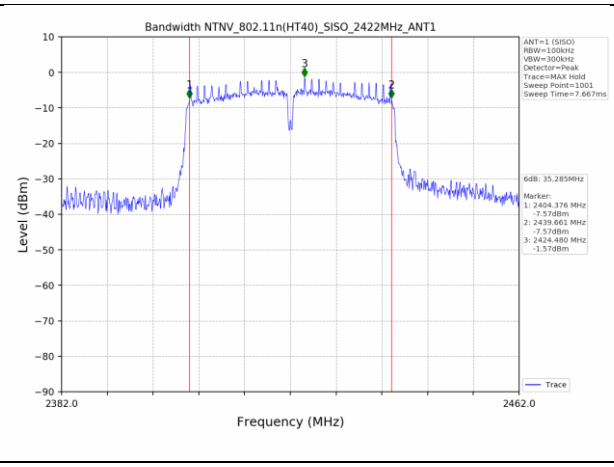

Bandwidth NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 16.396MHz
Marker:
1: 2428.800 MHz
-2.11dBm
2: 2445.197 MHz
-2.11dBm
3: 2432.000 MHz
3.89dBm
Trace
Level (dBm)
Frequency (MHz)
2417.0
2457.0

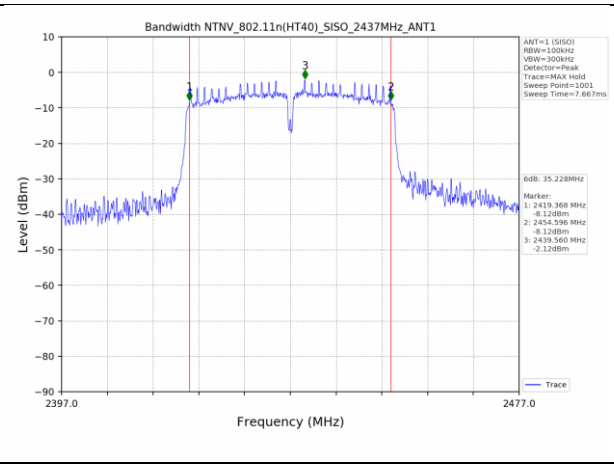

Bandwidth NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 16.370MHz
Marker:
1: 2453.794 MHz
-2.93dBm
2: 2470.164 MHz
-2.93dBm
3: 2454.520 MHz
3.07dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2482.0

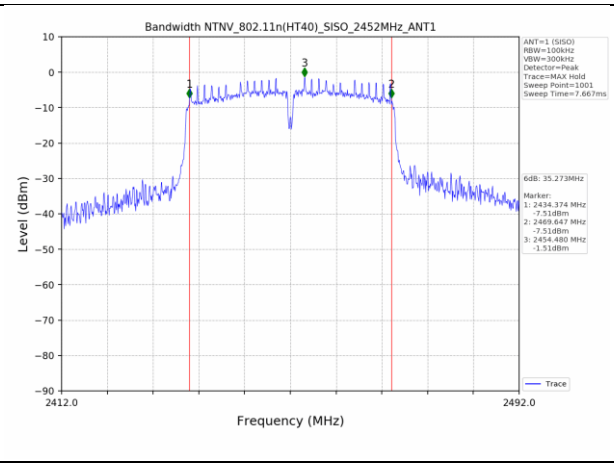

Bandwidth NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 17.606MHz
Marker:
1: 2403.215 MHz
-3.84dBm
2: 2420.822 MHz
-3.84dBm
3: 2417.000 MHz
2.16dBm
Trace
Level (dBm)
Frequency (MHz)
2392.0
2432.0


Bandwidth NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 17.590MHz
Marker:
1: 2428.209 MHz
-2.13dBm
2: 2445.799 MHz
-2.13dBm
3: 2432.000 MHz
3.87dBm
Trace
Level (dBm)
Frequency (MHz)
2417.0
2457.0

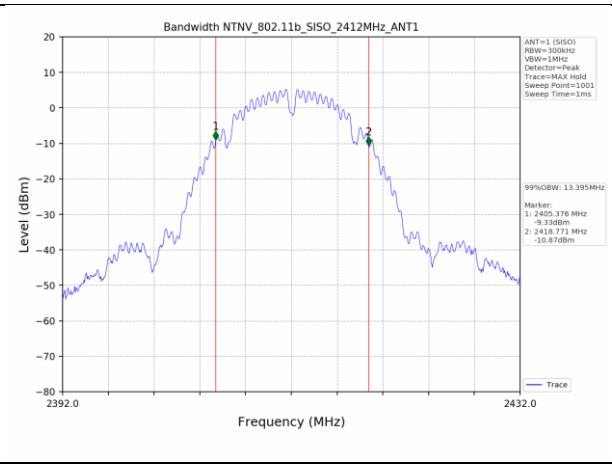

Bandwidth NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=3.867ms
6dB: 17.351MHz
Marker:
1: 2453.173 MHz
-2.93dBm
2: 2470.524 MHz
-2.93dBm
3: 2454.520 MHz
3.07dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2482.0

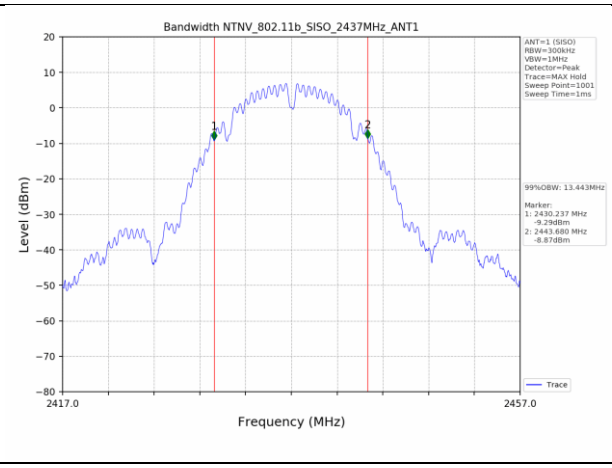

Bandwidth NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=7.667ms
6dB: 35.285MHz
Marker:
1: 2404.376 MHz
-7.57dBm
2: 2439.661 MHz
-7.57dBm
3: 2424.480 MHz
-1.57dBm
Trace
Level (dBm)
Frequency (MHz)
2382.0
2462.0

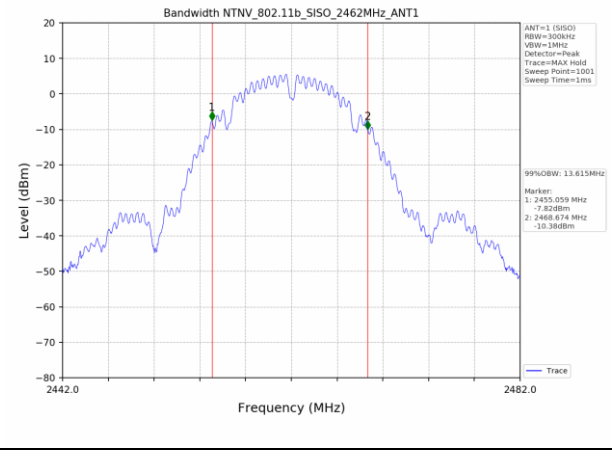

Bandwidth NTNV_802.11n(HT40)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=7.667ms
6dB: 35.228MHz
Marker:
1: 2419.368 MHz
-8.12dBm
2: 2454.596 MHz
-8.12dBm
3: 2439.560 MHz
-2.12dBm
Trace
Level (dBm)
Frequency (MHz)
2397.0
2477.0

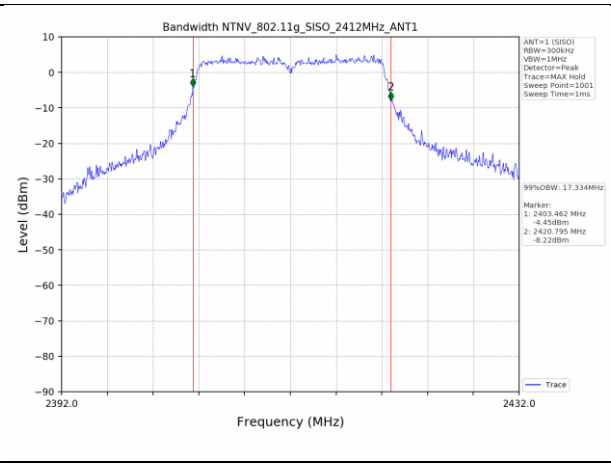

Bandwidth NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=7.667ms
6dB: 35.273MHz
Marker:
1: 2434.374 MHz
-7.51dBm
2: 2469.647 MHz
-7.51dBm
3: 2454.480 MHz
-1.51dBm
Trace
Level (dBm)
Frequency (MHz)
2412.0
2492.0

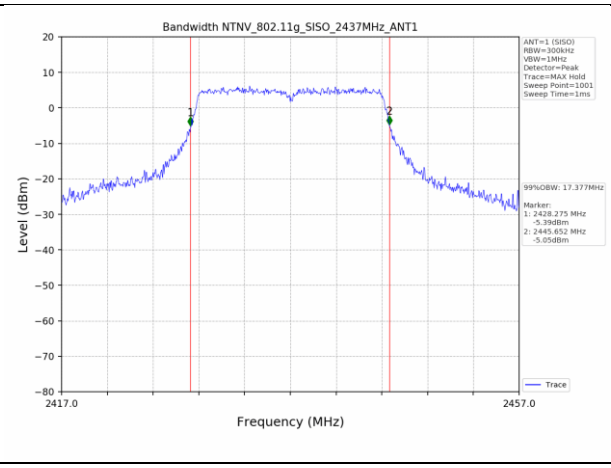
2.3 Test Graph - 99% Occupied Bandwidth

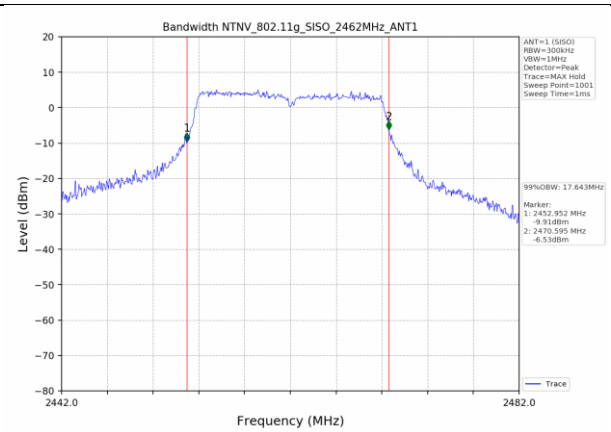


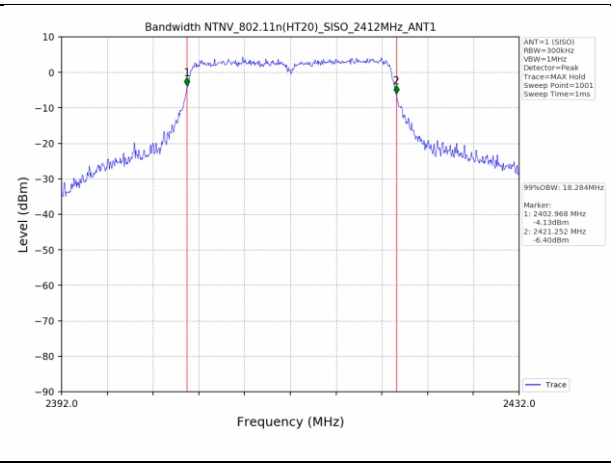


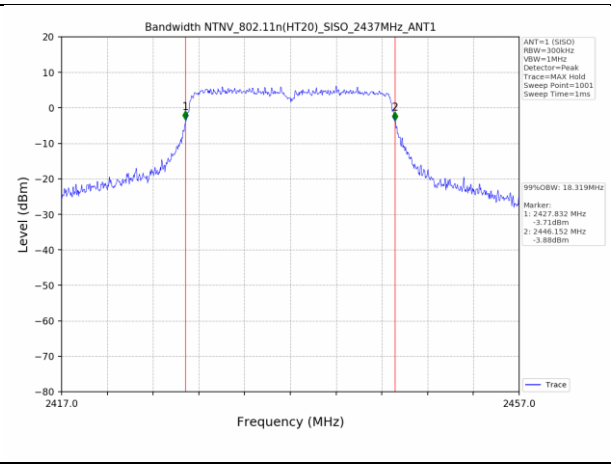


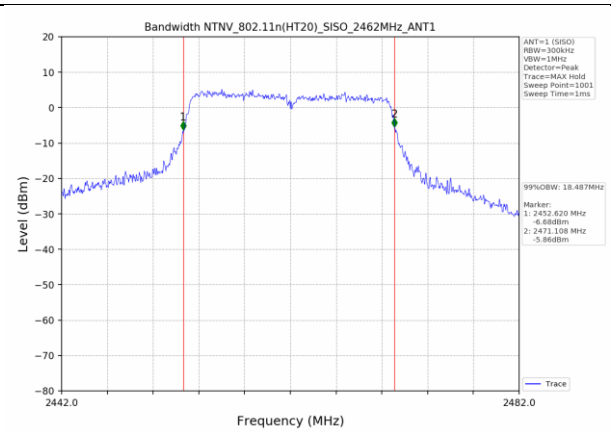

Bandwidth NTNV_802.11g_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.334MHz
Marker:
1: 2403.462 MHz
-4.45dBm
2: 2420.795 MHz
-8.22dBm
Trace
Level (dBm)
Frequency (MHz)
2392.0
2432.0

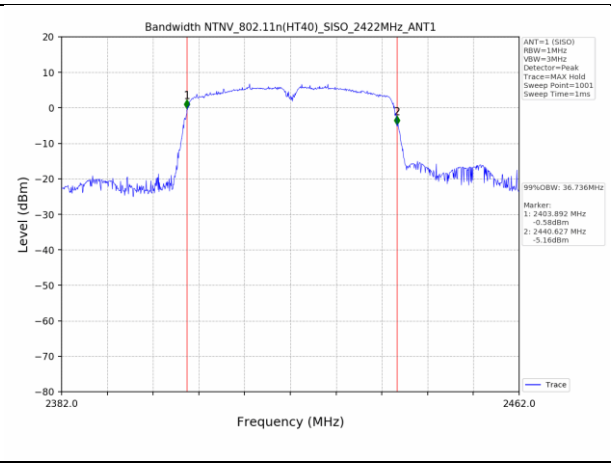

Bandwidth NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.377MHz
Marker:
1: 2428.275 MHz
-5.39dBm
2: 2445.652 MHz
-5.05dBm
Trace
Level (dBm)
Frequency (MHz)
2417.0
2457.0

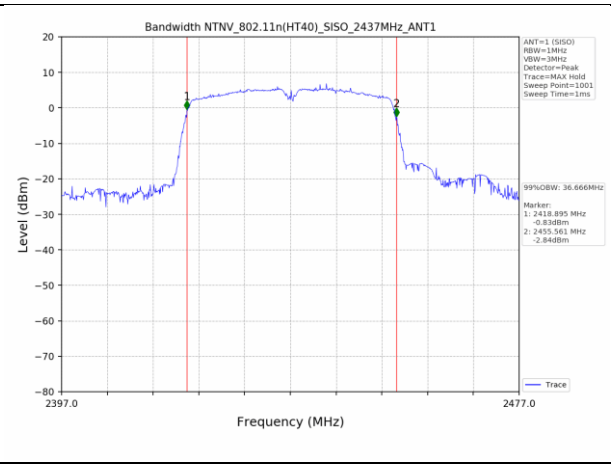

Bandwidth NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.643MHz
Marker:
1: 2452.952 MHz
-9.91dBm
2: 2470.595 MHz
-6.53dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2482.0

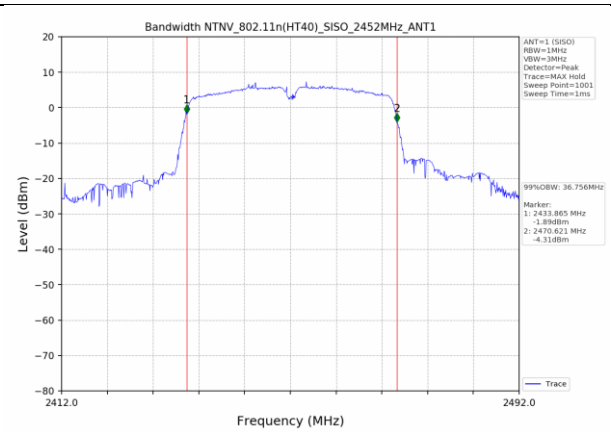

Bandwidth NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.284MHz
Marker:
1: 2402.968 MHz
-4.13dBm
2: 2421.252 MHz
-6.40dBm
Trace
Level (dBm)
Frequency (MHz)
2392.0
2432.0


Bandwidth NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.319MHz
Marker:
1: 2427.832 MHz
-3.71dBm
2: 2446.152 MHz
-3.88dBm
Trace
Level (dBm)
Frequency (MHz)
2417.0
2457.0


Bandwidth NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.487MHz
Marker:
1: 2452.620 MHz
-6.68dBm
2: 2471.108 MHz
-5.86dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2482.0


Bandwidth NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.736MHz
Marker:
1: 2403.892 MHz
-0.58dBm
2: 2440.627 MHz
-5.16dBm
Trace
Level (dBm)
Frequency (MHz)
2382.0
2462.0


Bandwidth NTNV_802.11n(HT40)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.666MHz
Marker:
1: 2418.895 MHz
-0.83dBm
2: 2455.561 MHz
-2.84dBm
Trace
Level (dBm)
Frequency (MHz)
2397.0
2477.0


Bandwidth NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.756MHz
Marker:
1: 2433.865 MHz
-1.89dBm
2: 2470.621 MHz
-4.31dBm
Trace
Level (dBm)
Frequency (MHz)
2412.0
2492.0

3. Maximum Conducted Output Power

3.1 Test Result

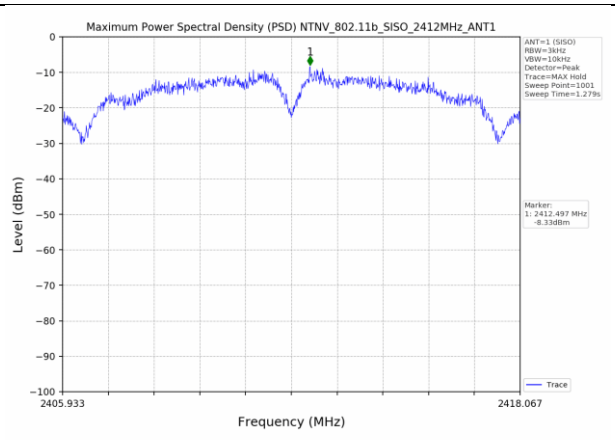
Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	17.49	30	PASS
	2437	SISO	17.39	30	PASS
	2462	SISO	16.03	30	PASS
802.11g	2412	SISO	20.66	30	PASS
	2437	SISO	21.38	30	PASS
	2462	SISO	21.06	30	PASS
802.11n(HT20)	2412	SISO	20.71	30	PASS
	2437	SISO	21.39	30	PASS
	2462	SISO	21.13	30	PASS
802.11n(HT40)	2422	SISO	19.78	30	PASS
	2437	SISO	19.29	30	PASS
	2452	SISO	19.75	30	PASS

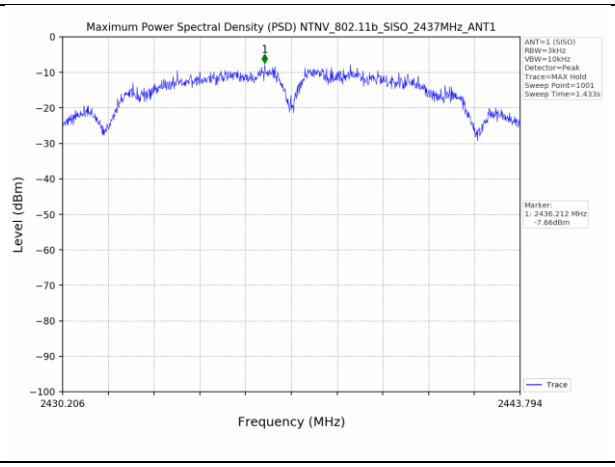
4. Maximum Power Spectral Density (PSD)

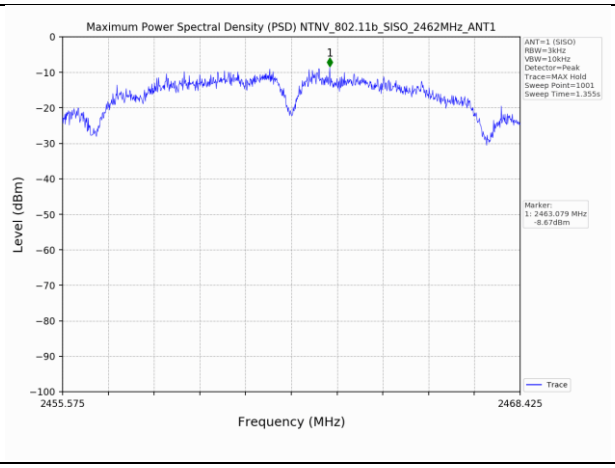
4.1 Test Result

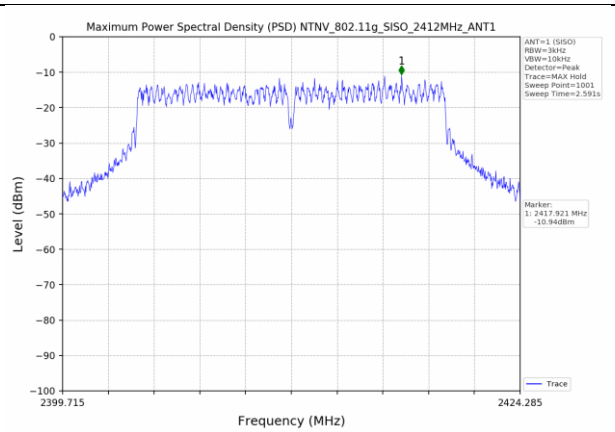
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/3KHz)	Limits (dBm/3kHz)	Verdict
			Ant 1		
802.11b	2412	SISO	-8.33	≤8	PASS
	2437	SISO	-7.66	≤8	PASS
	2462	SISO	-8.67	≤8	PASS
802.11g	2412	SISO	-10.94	≤8	PASS
	2437	SISO	-9.55	≤8	PASS
	2462	SISO	-10.96	≤8	PASS
802.11n(HT20)	2412	SISO	-12.41	≤8	PASS
	2437	SISO	-10.20	≤8	PASS
	2462	SISO	-11.51	≤8	PASS
802.11n(HT40)	2422	SISO	-16.12	≤8	PASS
	2437	SISO	-16.56	≤8	PASS
	2452	SISO	-15.47	≤8	PASS

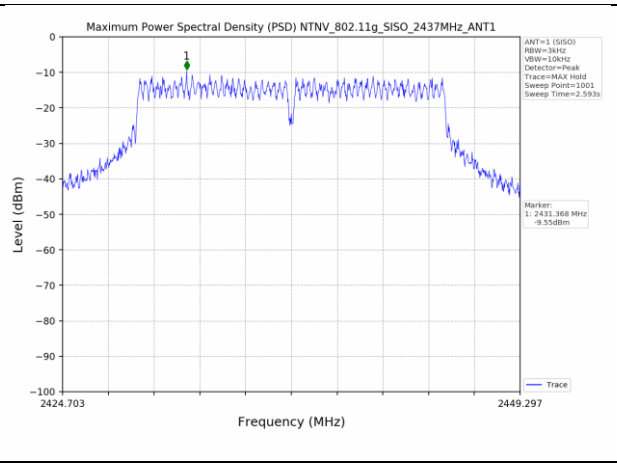
4.2 Test Graph

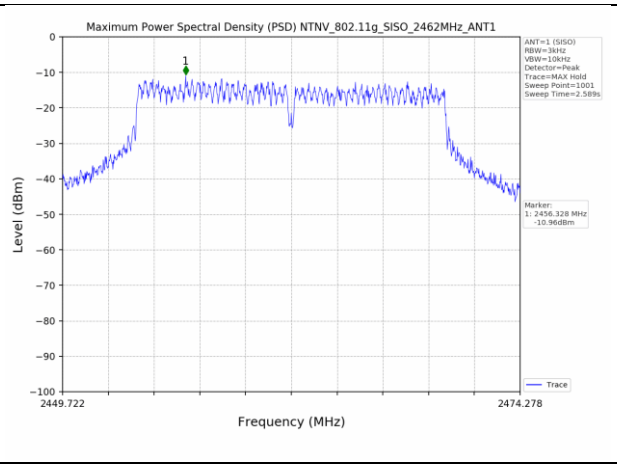


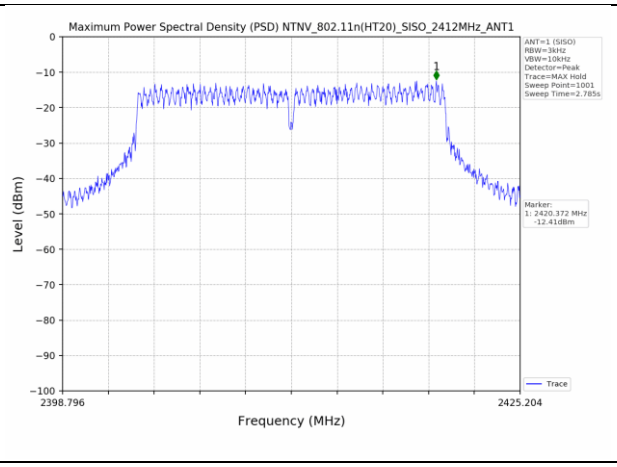

Maximum Power Spectral Density (PSD) NTNV_802.11b_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.433s
Marker:
1: 2436.212 MHz
-7.66dBm
Trace
Level (dBm)
Frequency (MHz)
2430.206
2443.794

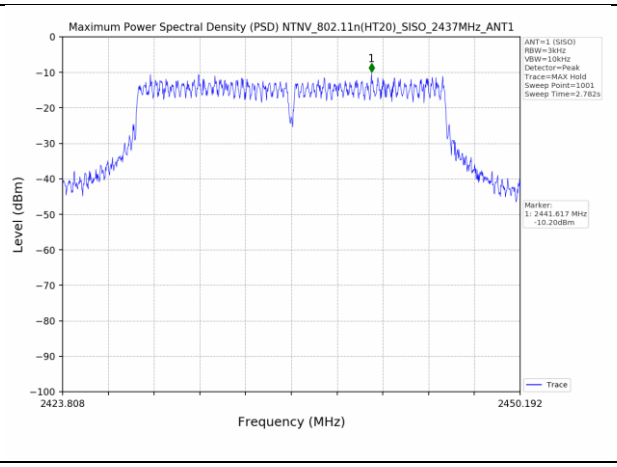

Maximum Power Spectral Density (PSD) NTNV_802.11b_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.355s
Marker:
1: 2463.079 MHz
-8.67dBm
Trace
Level (dBm)
Frequency (MHz)
2455.575
2468.425

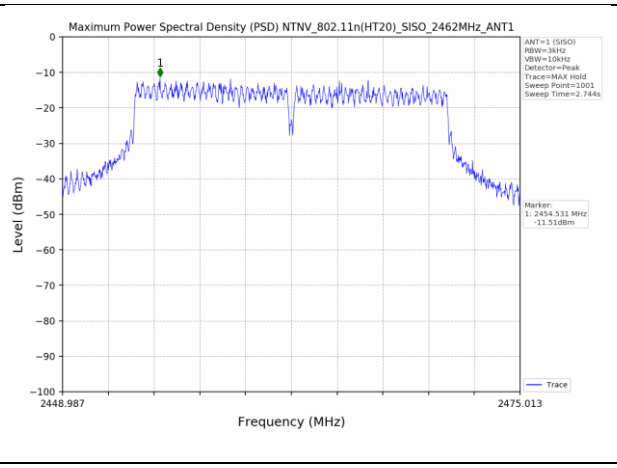

Maximum Power Spectral Density (PSD) NTNV_802.11g_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.591s
Marker:
1: 2417.921 MHz
-10.94dBm
Trace
Level (dBm)
Frequency (MHz)
2399.715
2424.285

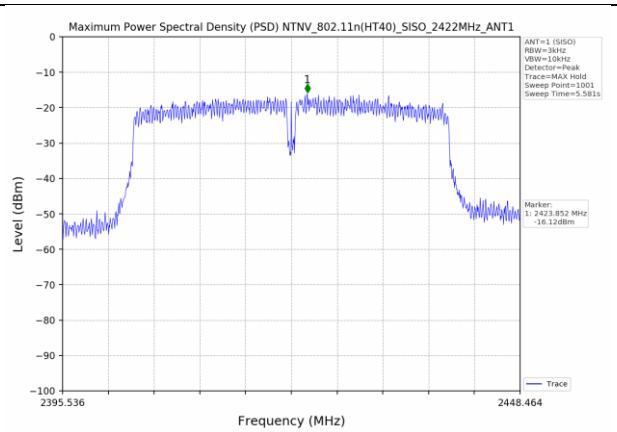

Maximum Power Spectral Density (PSD) NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.593s
Marker:
1: 2431.368 MHz
-9.55dBm
Trace
Level (dBm)
Frequency (MHz)
2424.703
2449.297

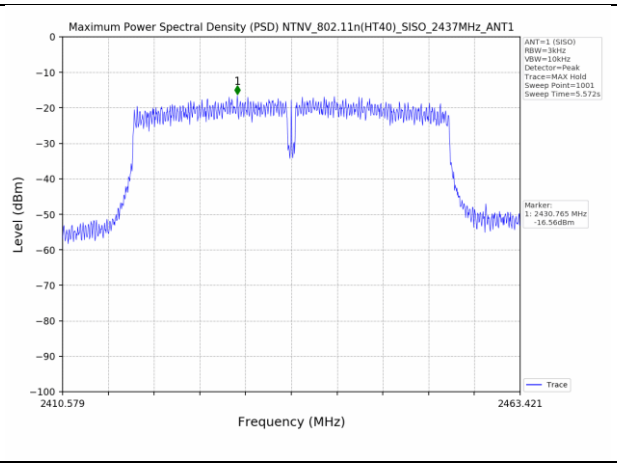

Maximum Power Spectral Density (PSD) NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.589s
Marker:
1: 2456.328 MHz
-10.96dBm
Trace
Level (dBm)
Frequency (MHz)
2449.722
2474.278

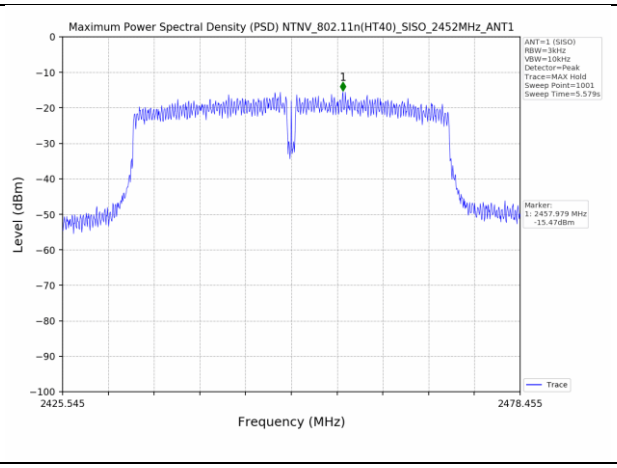

Maximum Power Spectral Density (PSD) NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.785s
Marker:
1: 2420.372 MHz
-12.41dBm
Trace
Level (dBm)
Frequency (MHz)
2398.796
2425.204


Maximum Power Spectral Density (PSD) NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.762s
Marker:
1: 2441.617 MHz
-10.20dBm
Trace
Level (dBm)
Frequency (MHz)
2423.808
2450.192


Maximum Power Spectral Density (PSD) NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.744s
Marker:
1: 2454.531 MHz
-11.51dBm
Trace
Level (dBm)
Frequency (MHz)
2448.987
2475.013


Maximum Power Spectral Density (PSD) NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.581s
Marker:
1: 2423.852 MHz
-16.12dBm
Trace
Level (dBm)
Frequency (MHz)
2395.536
2448.464


Maximum Power Spectral Density (PSD) NTNV_802.11n(HT40)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.572s
Marker:
1: 2430.765 MHz
-16.56dBm
Trace
Level (dBm)
Frequency (MHz)
2410.579
2463.421

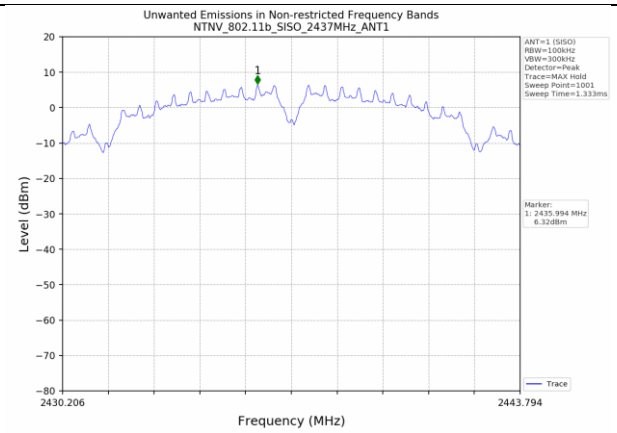

Maximum Power Spectral Density (PSD) NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=3kHz
VBW=10kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.579s
Marker:
1: 2457.979 MHz
-15.47dBm
Trace
Level (dBm)
Frequency (MHz)
2425.545
2478.455

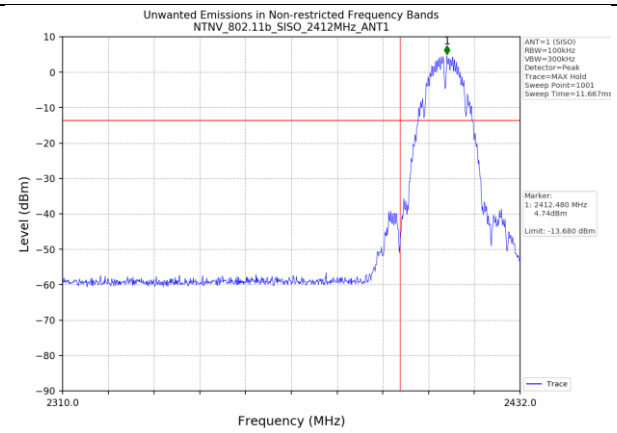
5. Unwanted Emissions in Non-restricted Frequency Bands

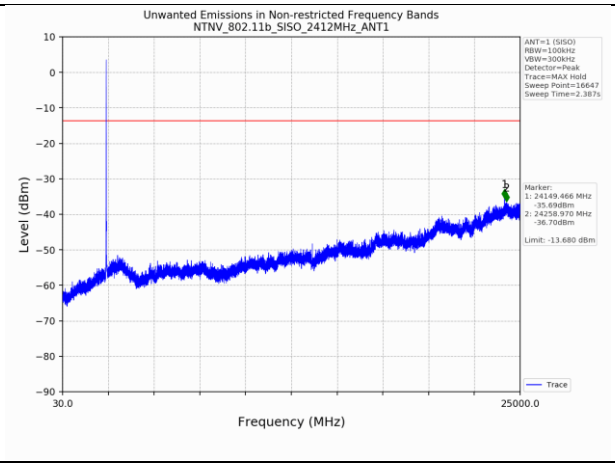
5.1 Test Result

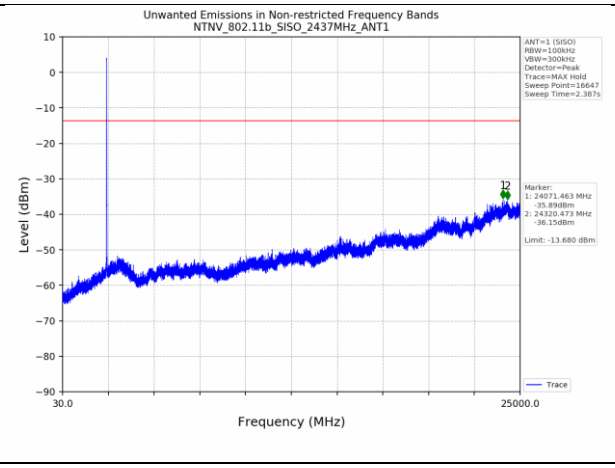
Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-13.68	PASS
	2437	SISO	1	Refer to test graph	-13.68	PASS
	2462	SISO	1	Refer to test graph	-13.68	PASS
802.11g	2412	SISO	1	Refer to test graph	-16.07	PASS
	2437	SISO	1	Refer to test graph	-16.07	PASS
	2462	SISO	1	Refer to test graph	-16.07	PASS
802.11n(HT20)	2412	SISO	1	Refer to test graph	-16.15	PASS
	2437	SISO	1	Refer to test graph	-16.15	PASS
	2462	SISO	1	Refer to test graph	-16.15	PASS
802.11n(HT40)	2422	SISO	1	Refer to test graph	-21.51	PASS
	2437	SISO	1	Refer to test graph	-21.51	PASS
	2452	SISO	1	Refer to test graph	-21.51	PASS

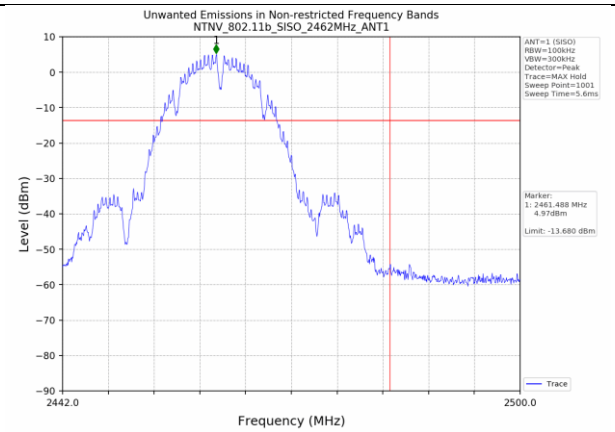
5.2 Test Graph

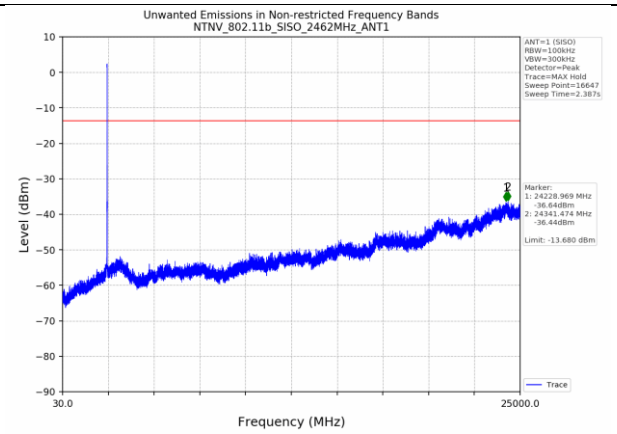


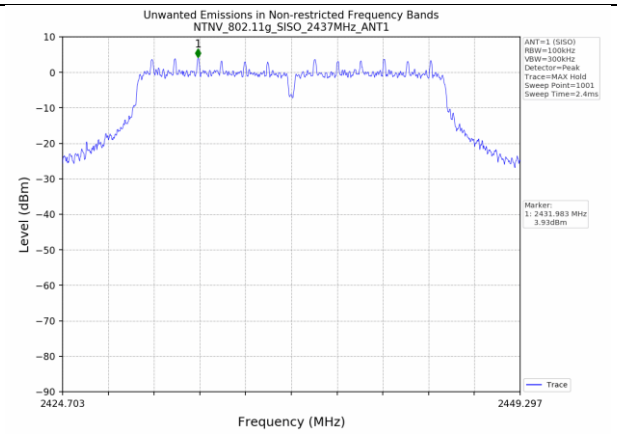


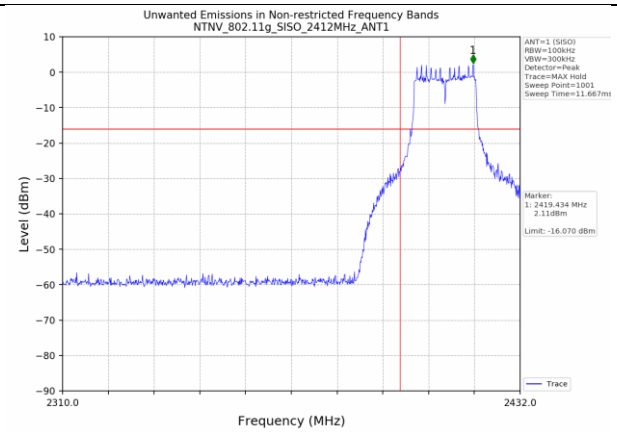

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24149.466 MHz
-35.69dBm
2: 24258.970 MHz
-36.70dBm
Limit: -13.680 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

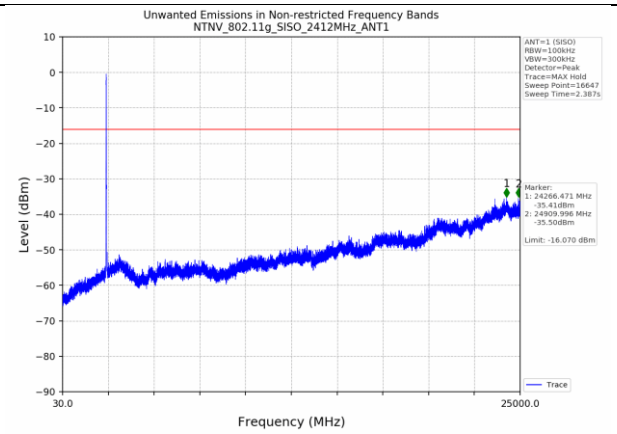

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24071.463 MHz
-35.89dBm
2: 24320.473 MHz
-36.15dBm
Limit: -13.680 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

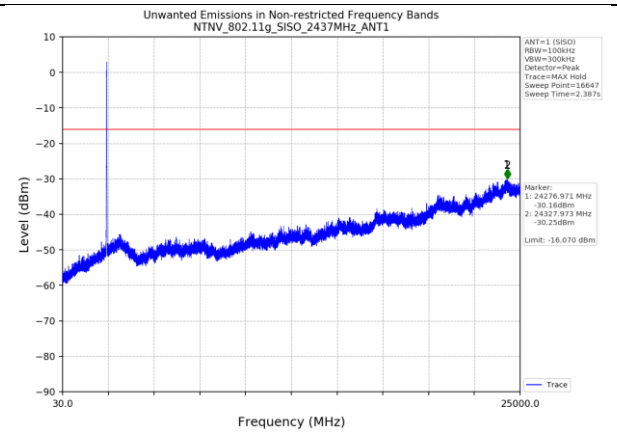

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.6ms
Marker:
1: 2461.488 MHz
4.97dBm
Limit: -13.680 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2500.0

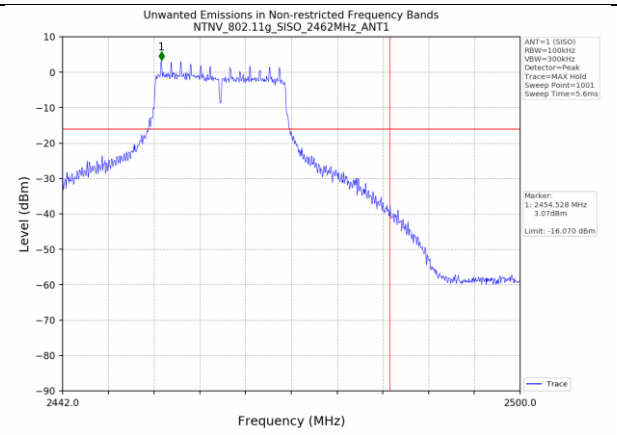

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11b_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24228.969 MHz
-36.64dBm
2: 24341.474 MHz
-36.44dBm
Limit: -13.680 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

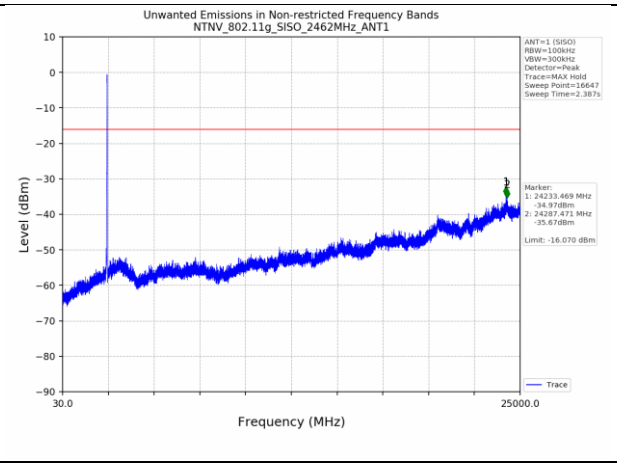

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.4ms
Marker:
1: 2431.983 MHz
3.93dBm
Trace
Level (dBm)
Frequency (MHz)
2424.703
2449.297

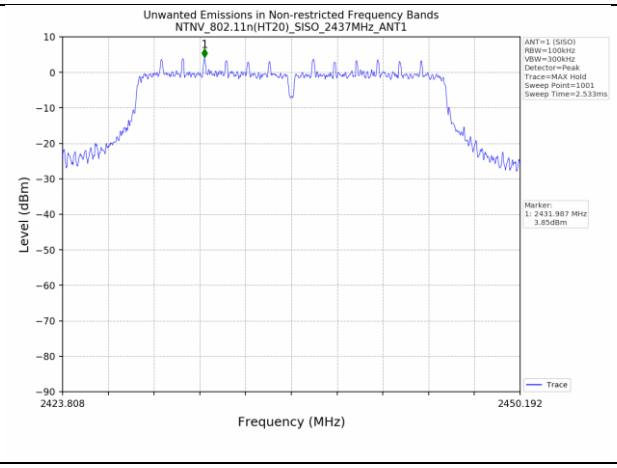

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=11.667ms
Marker:
1: 2419.434 MHz
2.11dBm
Limit: -16.070 dBm
Trace
Level (dBm)
Frequency (MHz)
2310.0
2432.0

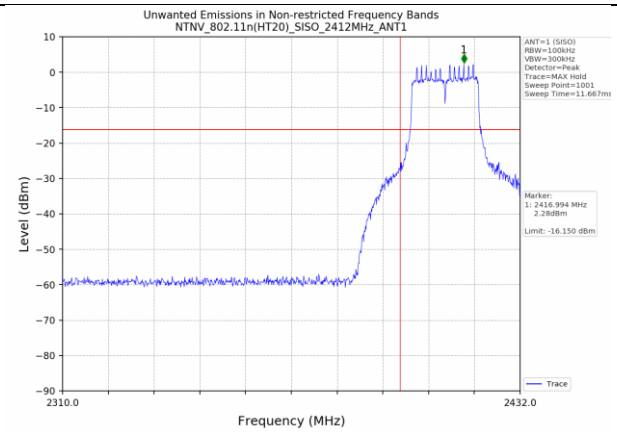

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24266.471 MHz
-35.41dBm
2: 24909.996 MHz
-35.50dBm
Limit: -16.070 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

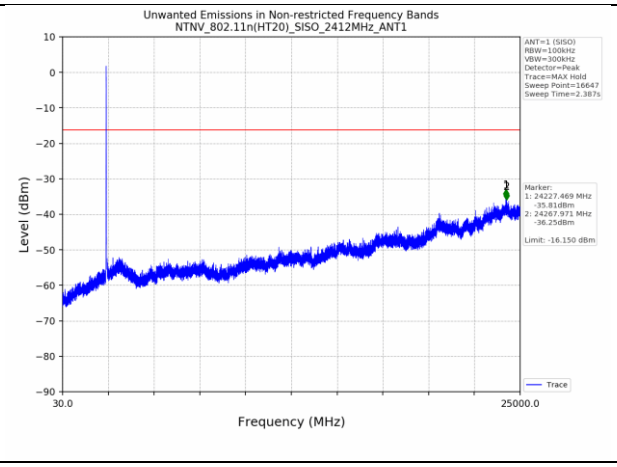

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24276.971 MHz
-30.16dBm
2: 24327.973 MHz
-30.25dBm
Limit: -16.070 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

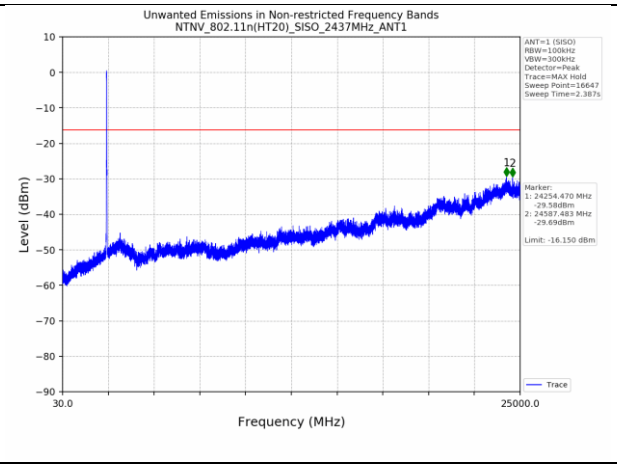

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.6ms
Marker:
1: 2454.528 MHz
3.07dBm
Limit: -16.070 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2500.0

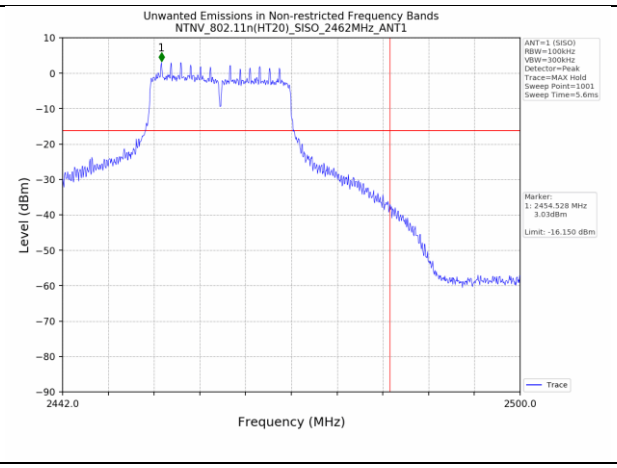

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11g_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24233.469 MHz
-34.97dBm
2: 24287.471 MHz
-35.67dBm
Limit: -16.070 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

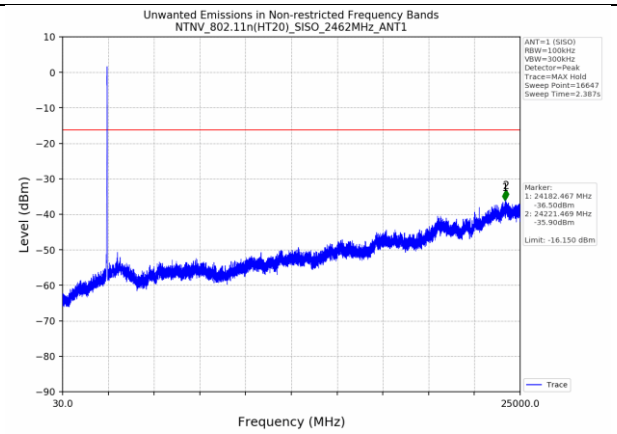

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=2.533ms
Marker:
1: 2431.987 MHz
3.85dBm
Trace
Level (dBm)
Frequency (MHz)
2423.808
2450.192

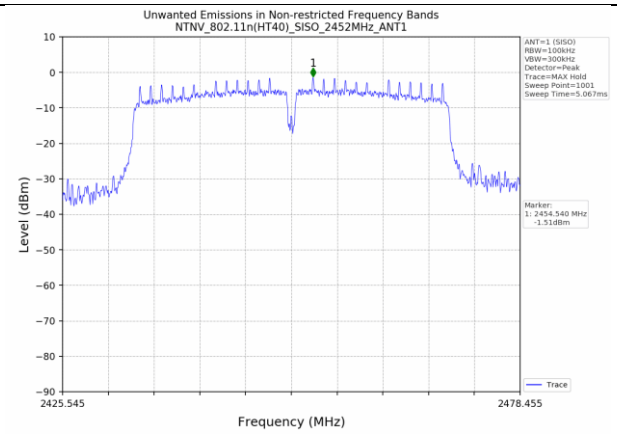

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=11.667ms
Marker:
1: 2416.994 MHz
2.28dBm
Limit: -16.150 dBm
Trace
Level (dBm)
Frequency (MHz)
2310.0
2432.0

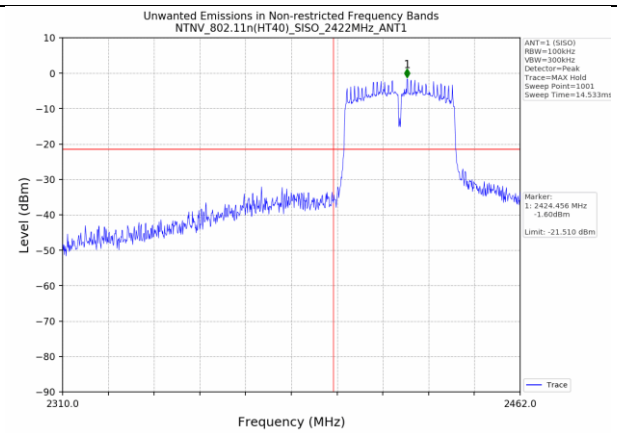

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2412MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24227.469 MHz
-35.81dBm
2: 24267.971 MHz
-36.25dBm
Limit: -16.150 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

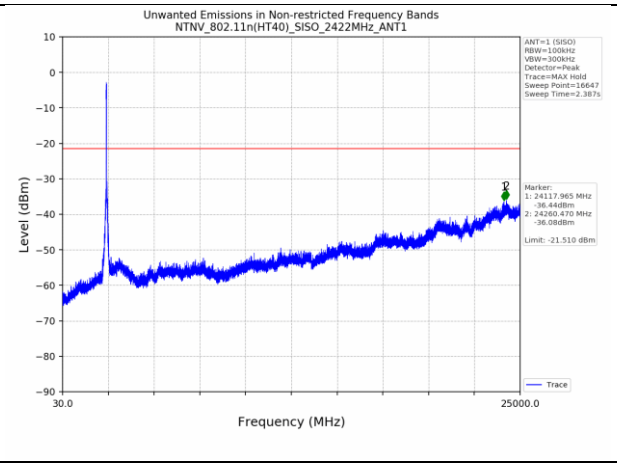

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24254.470 MHz
-29.58dBm
2: 24587.483 MHz
-29.69dBm
Limit: -16.150 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

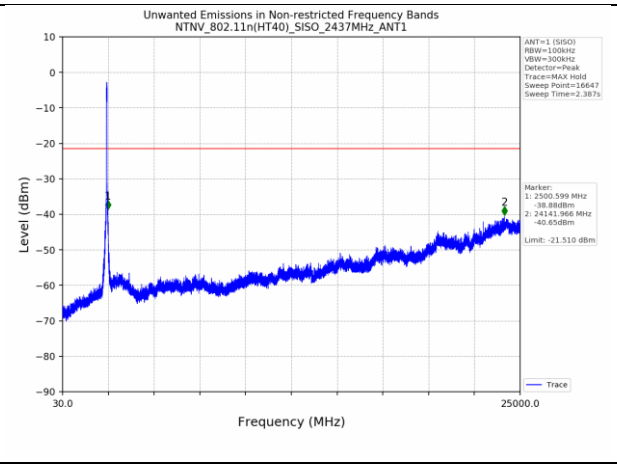

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.6ms
Marker:
1: 2454.528 MHz
3.03dBm
Limit: -16.150 dBm
Trace
Level (dBm)
Frequency (MHz)
2442.0
2500.0

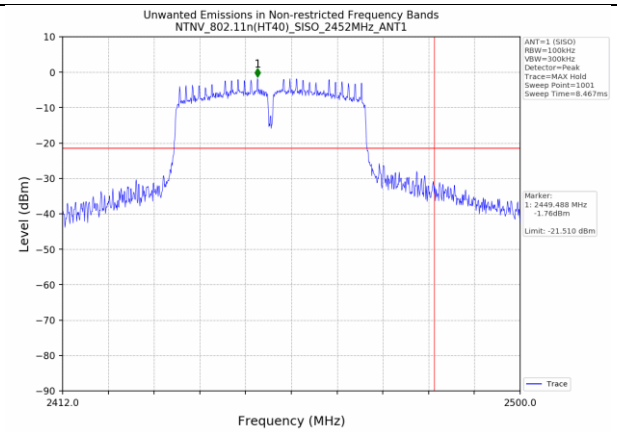

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT20)_SISO_2462MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24182.467 MHz
-36.50dBm
2: 24221.469 MHz
-35.90dBm
Limit: -16.150 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

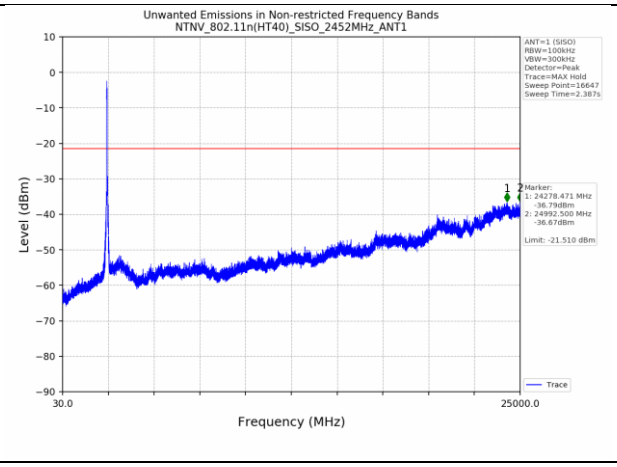

Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.067ms
Marker:
1: 2454.540 MHz
-1.51dBm
Trace
Level (dBm)
Frequency (MHz)
2425.545
2478.455


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=14.533ms
Marker:
1: 2424.456 MHz
-1.60dBm
Limit: -21.510 dBm
Trace
Level (dBm)
Frequency (MHz)
2310.0
2462.0


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2422MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24117.965 MHz
-36.44dBm
2: 24260.470 MHz
-36.08dBm
Limit: -21.510 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2437MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 2500.599 MHz
-38.88dBm
2: 24141.966 MHz
-40.65dBm
Limit: -21.510 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=8.467ms
Marker:
1: 2449.488 MHz
-1.76dBm
Limit: -21.510 dBm
Trace
Level (dBm)
Frequency (MHz)
2412.0
2500.0


Unwanted Emissions in Non-restricted Frequency Bands
NTNV_802.11n(HT40)_SISO_2452MHz_ANT1
ANT=1 (SISO)
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=16647
Sweep Time=2.387s
Marker:
1: 24278.471 MHz
-36.79dBm
2: 24992.500 MHz
-36.67dBm
Limit: -21.510 dBm
Trace
Level (dBm)
Frequency (MHz)
30.0
25000.0

------End------