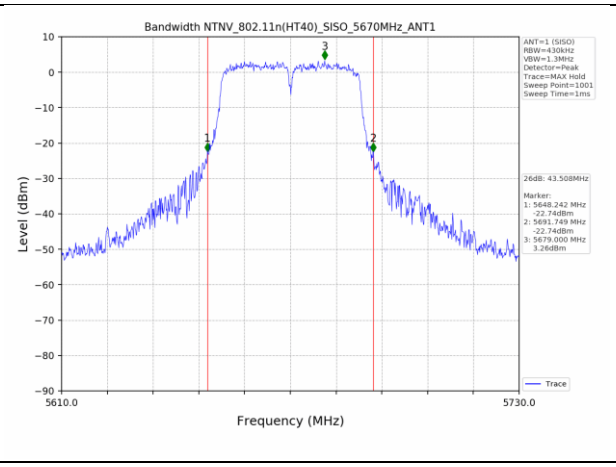
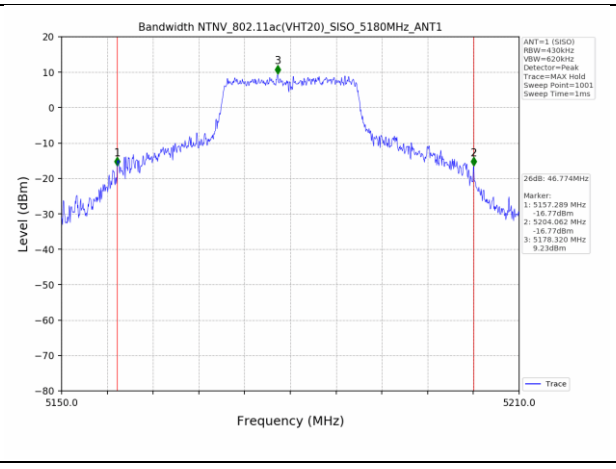
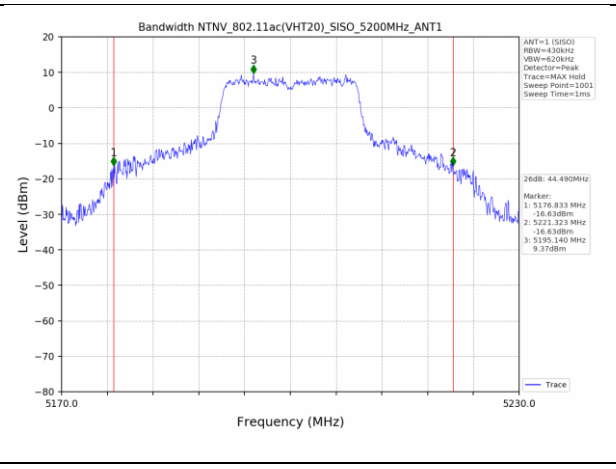
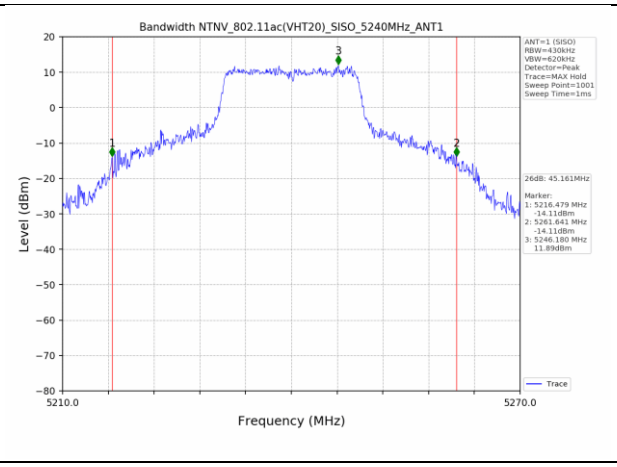
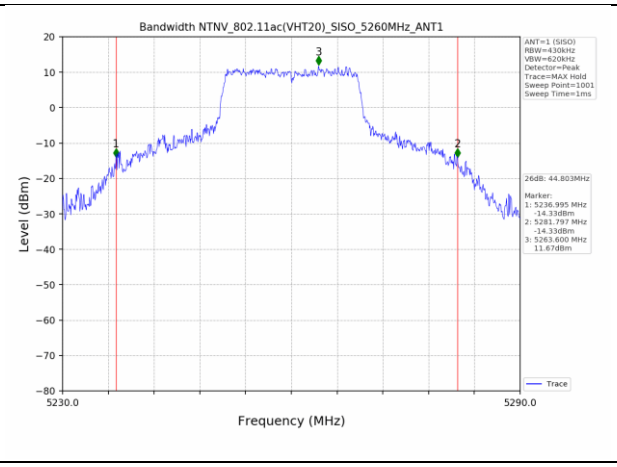
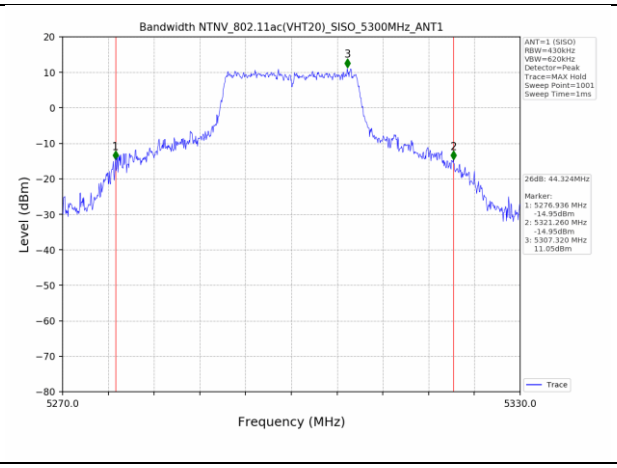

Bandwidth NTNV_802.11n(HT40)_SISO_5670MHz_ANT1
Level (dBm)
Frequency (MHz)
5610.0
5730.0
ANT=1 (SISO)
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 43.508MHz
Marker:
1: 5648.242 MHz
-22.74dBm
2: 5691.749 MHz
-22.74dBm
3: 5679.000 MHz
3.26dBm
Trace

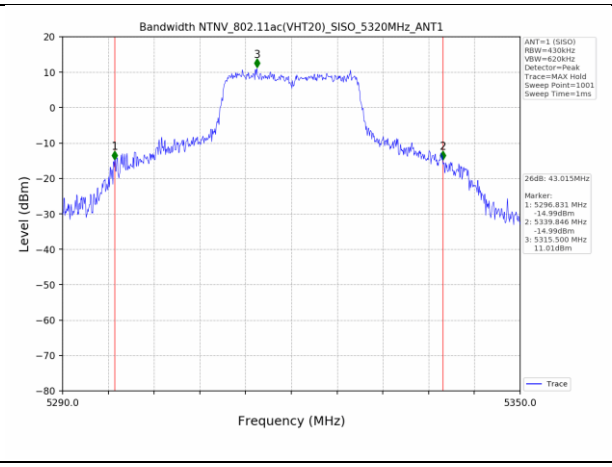

Bandwidth NTNV_802.11ac(VHT20)_SISO_5180MHz_ANT1
Level (dBm)
Frequency (MHz)
5150.0
5210.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 46.774MHz
Marker:
1: 5157.289 MHz
-16.77dBm
2: 5204.062 MHz
-16.77dBm
3: 5178.320 MHz
9.23dBm
Trace

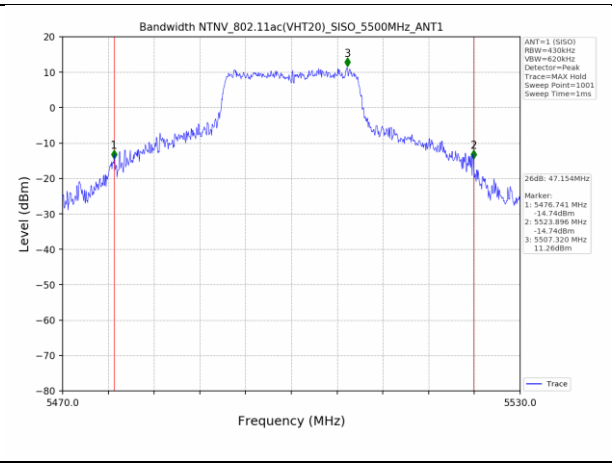

Bandwidth NTNV_802.11ac(VHT20)_SISO_5200MHz_ANT1
Level (dBm)
Frequency (MHz)
5170.0
5230.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 44.490MHz
Marker:
1: 5176.833 MHz
-16.63dBm
2: 5221.323 MHz
-16.63dBm
3: 5195.140 MHz
9.37dBm
Trace

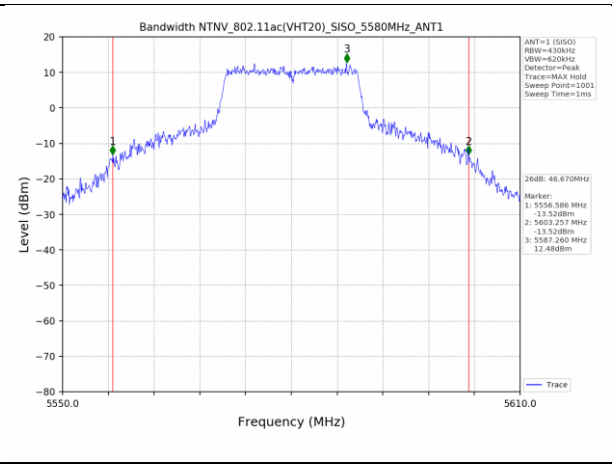

Bandwidth NTNV_802.11ac(VHT20)_SISO_5240MHz_ANT1
Level (dBm)
Frequency (MHz)
5210.0
5270.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 45.161MHz
Marker:
1: 5216.479 MHz
-14.11dBm
2: 5261.641 MHz
-14.11dBm
3: 5246.180 MHz
11.89dBm
Trace

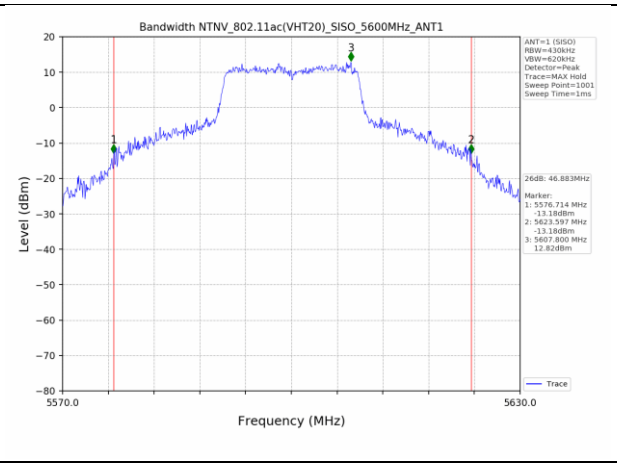

Bandwidth NTNV_802.11ac(VHT20)_SISO_5260MHz_ANT1
Level (dBm)
Frequency (MHz)
5230.0
5290.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 44.803MHz
Marker:
1: 5236.995 MHz
-14.33dBm
2: 5281.797 MHz
-14.33dBm
3: 5263.600 MHz
11.67dBm
Trace

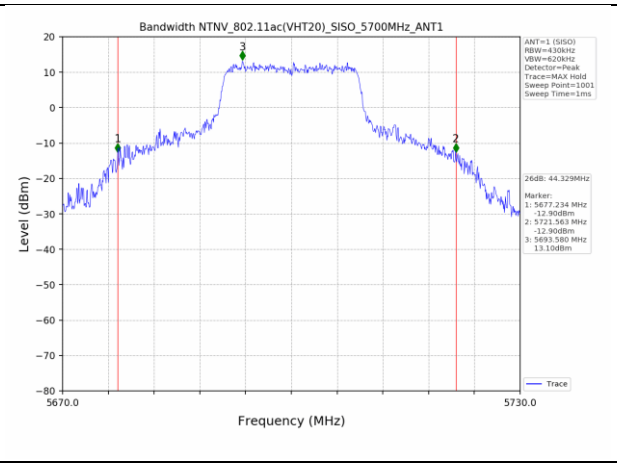

Bandwidth NTNV_802.11ac(VHT20)_SISO_5300MHz_ANT1
Level (dBm)
Frequency (MHz)
5270.0
5330.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 44.324MHz
Marker:
1: 5276.936 MHz
-14.95dBm
2: 5321.260 MHz
-14.95dBm
3: 5307.320 MHz
11.05dBm
Trace

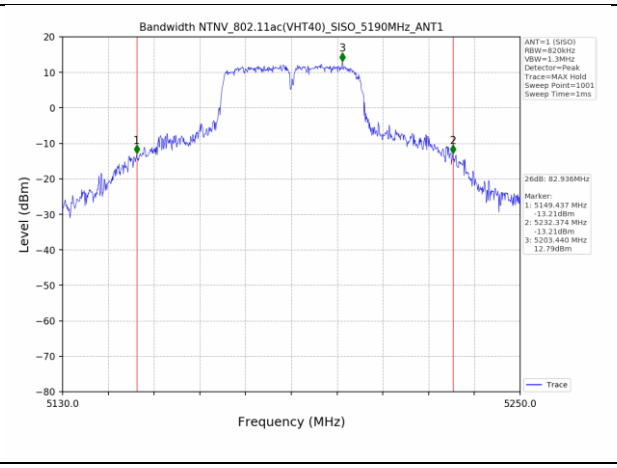

Bandwidth NTNV_802.11ac(VHT20)_SISO_5320MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 43.015MHz
Marker:
1: 5296.831 MHz
-14.99dBm
2: 5339.846 MHz
-14.99dBm
3: 5315.500 MHz
11.01dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

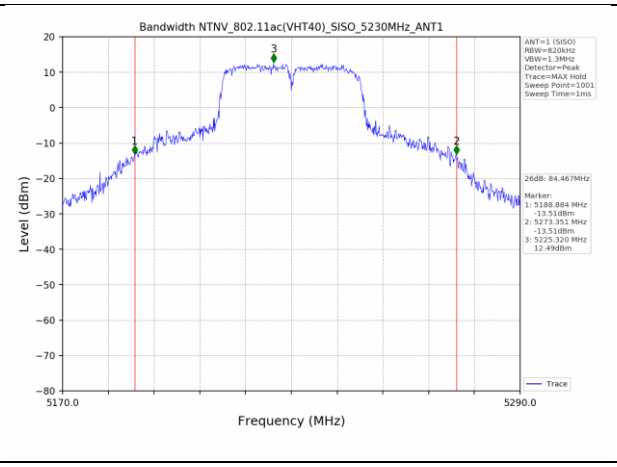

Bandwidth NTNV_802.11ac(VHT20)_SISO_5500MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 47.154MHz
Marker:
1: 5476.741 MHz
-14.74dBm
2: 5523.896 MHz
-14.74dBm
3: 5507.320 MHz
11.26dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

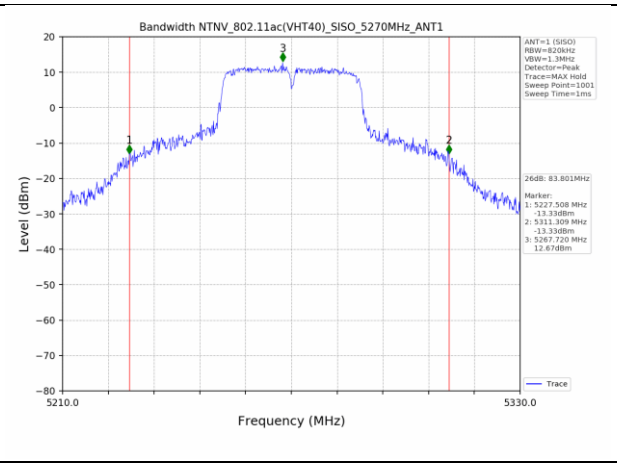

Bandwidth NTNV_802.11ac(VHT20)_SISO_5580MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 46.670MHz
Marker:
1: 5556.586 MHz
-13.52dBm
2: 5603.257 MHz
-13.52dBm
3: 5587.260 MHz
12.48dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

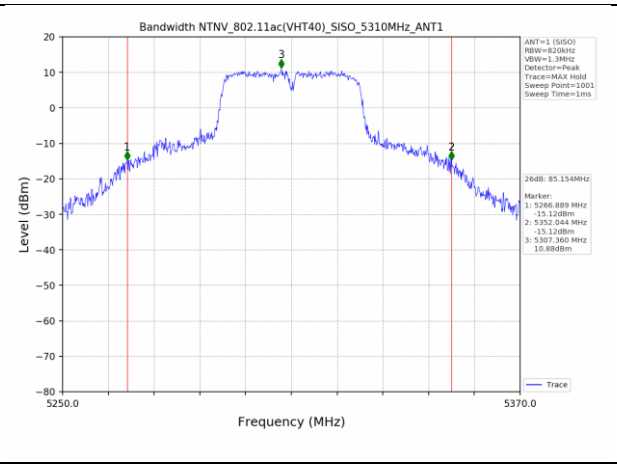

Bandwidth NTNV_802.11ac(VHT20)_SISO_5600MHz_ANT1
Level (dBm)
Frequency (MHz)
5570.0
5630.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 46.883MHz
Marker:
1: 5576.714 MHz
-13.18dBm
2: 5623.597 MHz
-13.18dBm
3: 5607.800 MHz
12.82dBm
Trace

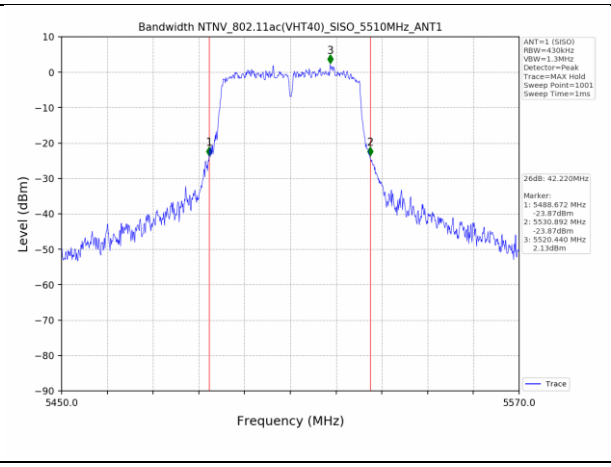

Bandwidth NTNV_802.11ac(VHT20)_SISO_5700MHz_ANT1
Level (dBm)
Frequency (MHz)
5670.0
5730.0
ANT=1 (SISO)
RBW=430kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 44.329MHz
Marker:
1: 5677.234 MHz
-12.90dBm
2: 5721.563 MHz
-12.90dBm
3: 5693.580 MHz
13.10dBm
Trace

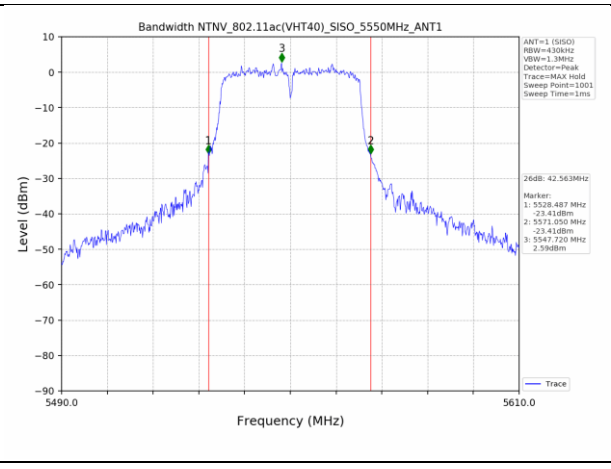

Bandwidth NTNV_802.11ac(VHT40)_SISO_5190MHz_ANT1
Level (dBm)
Frequency (MHz)
5130.0
5250.0
ANT=1 (SISO)
RBW=820kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 82.936MHz
Marker:
1: 5149.437 MHz
-13.21dBm
2: 5232.374 MHz
-13.21dBm
3: 5203.440 MHz
12.79dBm
Trace

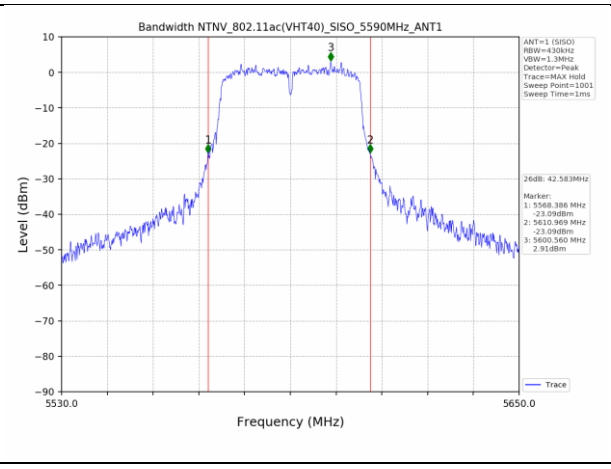

Bandwidth NTNV_802.11ac(VHT40)_SISO_5230MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 84.467MHz
Marker:
1: 5188.884 MHz
-13.51dBm
2: 5273.351 MHz
-13.51dBm
3: 5225.320 MHz
12.49dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5290.0

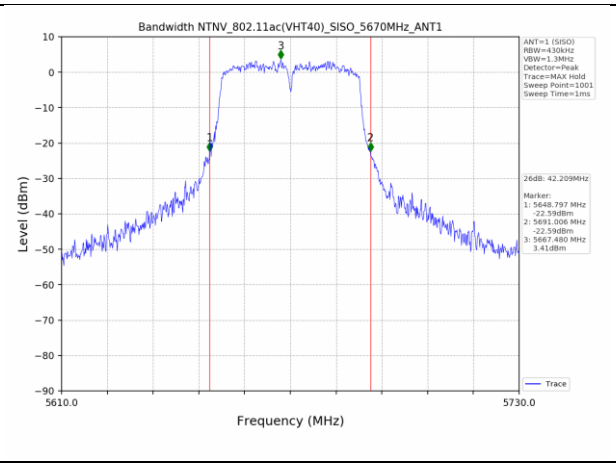

Bandwidth NTNV_802.11ac(VHT40)_SISO_5270MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 83.801MHz
Marker:
1: 5227.508 MHz
-13.33dBm
2: 5311.309 MHz
-13.33dBm
3: 5267.720 MHz
12.67dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5330.0

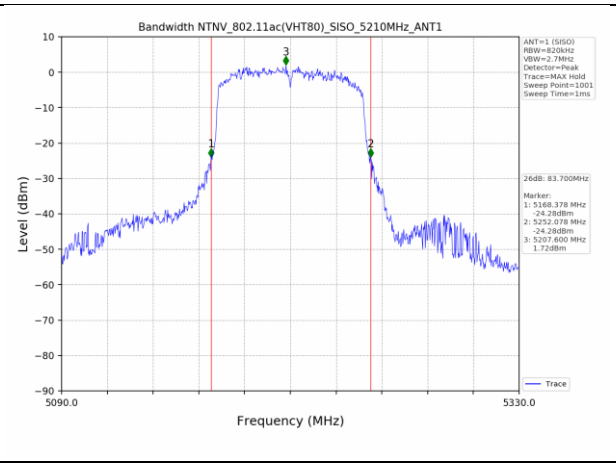

Bandwidth NTNV_802.11ac(VHT40)_SISO_5310MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 85.154MHz
Marker:
1: 5266.889 MHz
-15.12dBm
2: 5352.044 MHz
-15.12dBm
3: 5307.360 MHz
10.88dBm
Trace
Level (dBm)
Frequency (MHz)
5250.0
5370.0

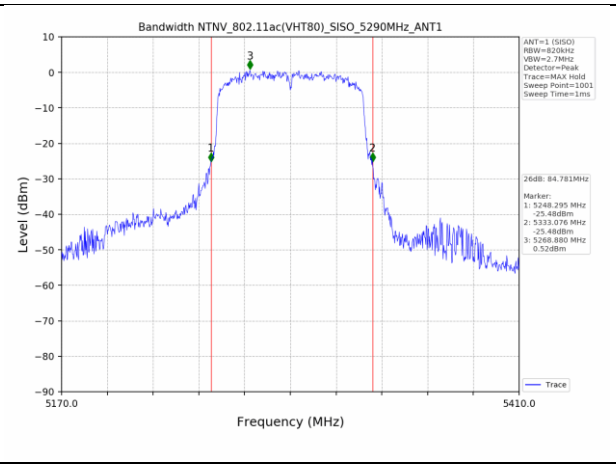

Bandwidth NTNV_802.11ac(VHT40)_SISO_5510MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.220MHz
Marker:
1: 5488.672 MHz
-23.87dBm
2: 5530.892 MHz
-23.87dBm
3: 5520.440 MHz
2.13dBm
Trace
Level (dBm)
Frequency (MHz)
5450.0
5570.0

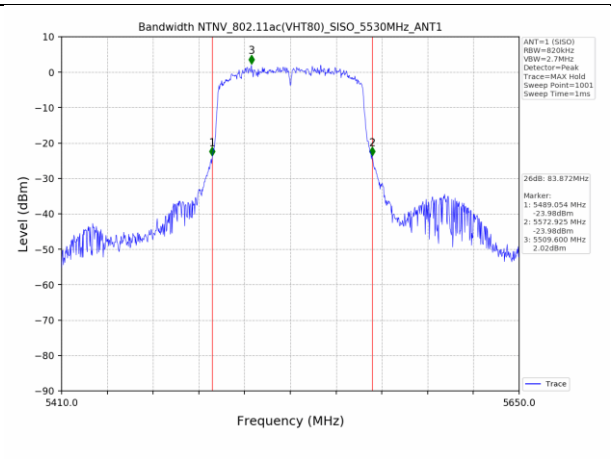

Bandwidth NTNV_802.11ac(VHT40)_SISO_5550MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.563MHz
Marker:
1: 5528.487 MHz
-23.41dBm
2: 5571.050 MHz
-23.41dBm
3: 5547.720 MHz
2.59dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5610.0

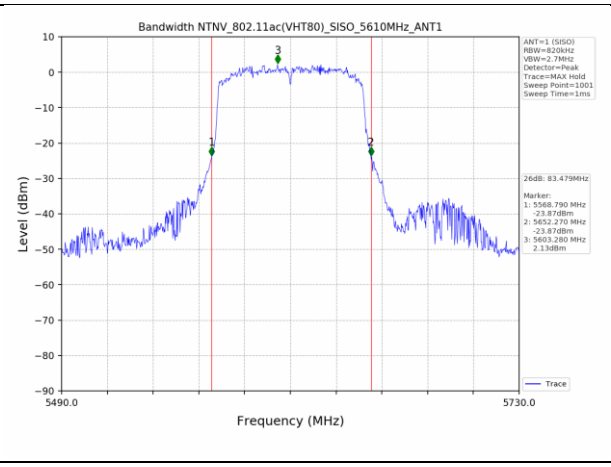

Bandwidth NTNV_802.11ac(VHT40)_SISO_5590MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.583MHz
Marker:
1: 5568.386 MHz
-23.09dBm
2: 5610.969 MHz
-23.09dBm
3: 5600.560 MHz
2.91dBm
Trace
Level (dBm)
Frequency (MHz)
5530.0
5650.0


Bandwidth NTNV_802.11ac(VHT40)_SISO_5670MHz_ANT1
ANT=1 (SISO)
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.209MHz
Marker:
1: 5648.797 MHz
-22.59dBm
2: 5691.006 MHz
-22.59dBm
3: 5667.480 MHz
3.41dBm
Trace
Level (dBm)
Frequency (MHz)
5610.0
5730.0

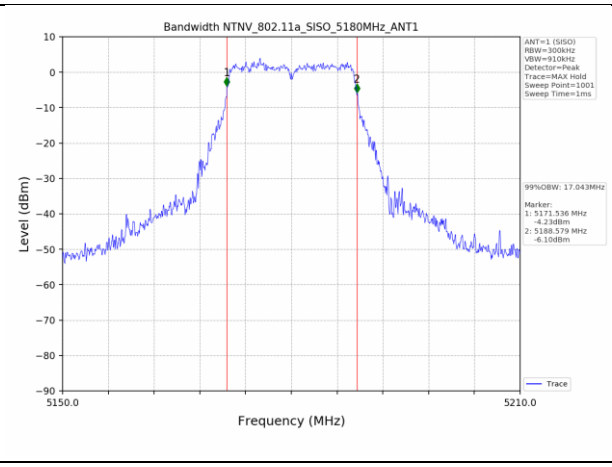

Bandwidth NTNV_802.11ac(VHT80)_SISO_5210MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=2.7MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 83.700MHz
Marker:
1: 5168.378 MHz
-24.28dBm
2: 5252.078 MHz
-24.28dBm
3: 5207.600 MHz
1.72dBm
Trace
Level (dBm)
Frequency (MHz)
5090.0
5330.0

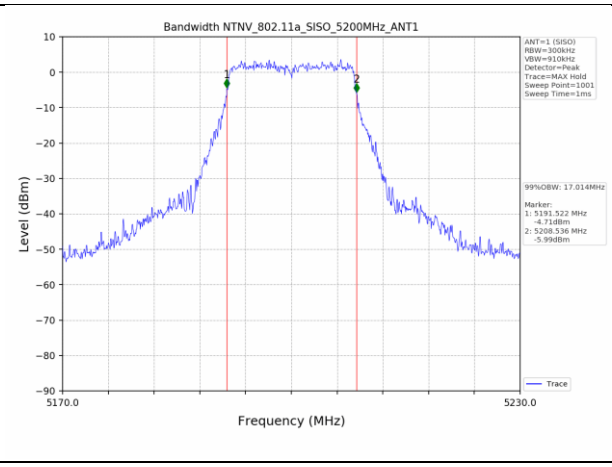

Bandwidth NTNV_802.11ac(VHT80)_SISO_5290MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=2.7MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 84.781MHz
Marker:
1: 5248.295 MHz
-25.48dBm
2: 5333.076 MHz
-25.48dBm
3: 5268.880 MHz
0.52dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5410.0

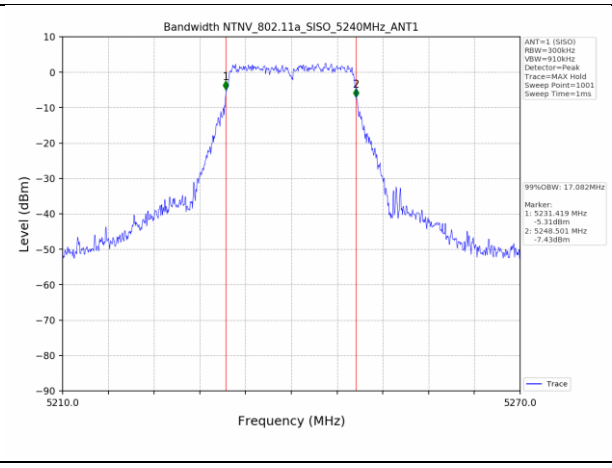

Bandwidth NTNV_802.11ac(VHT80)_SISO_5530MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=2.7MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 83.872MHz
Marker:
1: 5489.054 MHz
-23.98dBm
2: 5572.925 MHz
-23.98dBm
3: 5509.600 MHz
2.02dBm
Trace
Level (dBm)
Frequency (MHz)
5410.0
5650.0

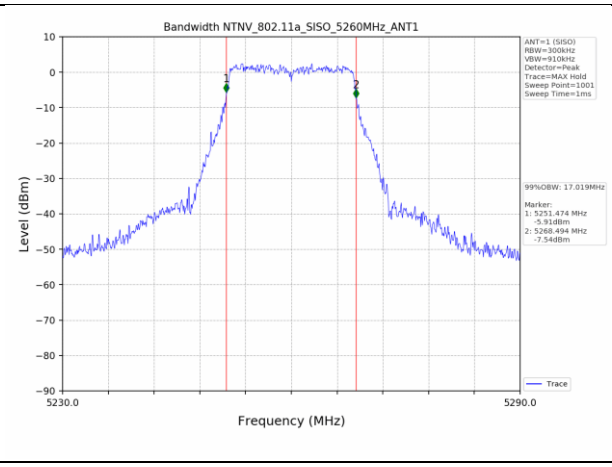

Bandwidth NTNV_802.11ac(VHT80)_SISO_5610MHz_ANT1
ANT=1 (SISO)
RBW=820kHz
VBW=2.7MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 83.479MHz
Marker:
1: 5568.790 MHz
-23.87dBm
2: 5652.270 MHz
-23.87dBm
3: 5603.280 MHz
2.13dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5730.0

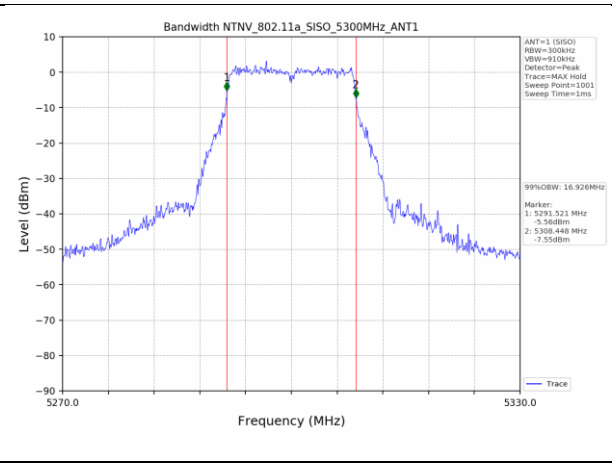
2.3 Test Graph - 99% Occupied Bandwidth

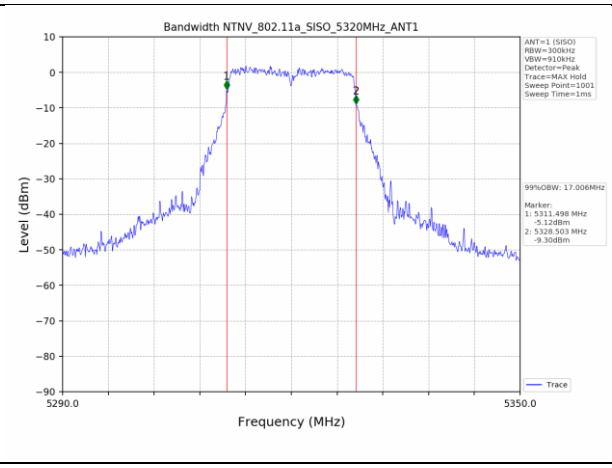


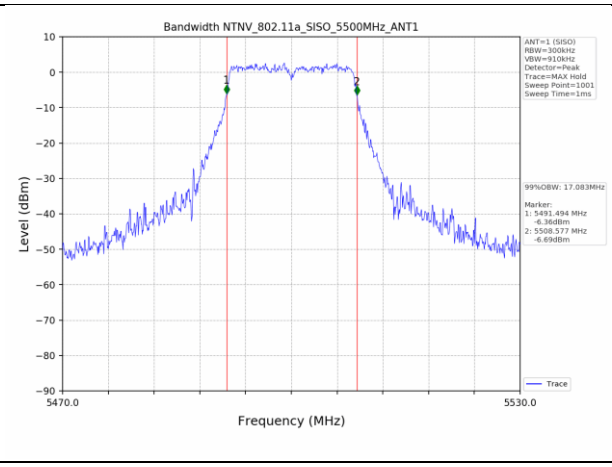


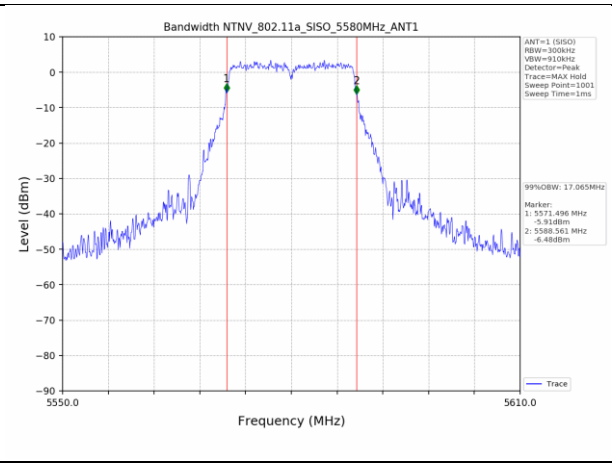


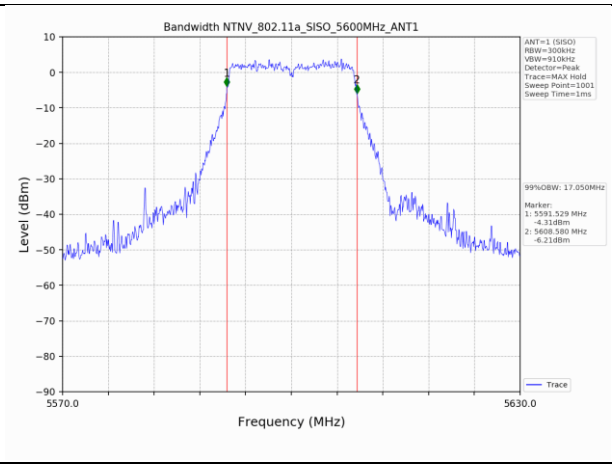

Bandwidth NTNV_802.11a_SISO_5260MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.019MHz
Marker:
1: 5251.474 MHz
-5.91dBm
2: 5268.494 MHz
-7.54dBm
Trace
Level (dBm)
Frequency (MHz)
5230.0
5290.0

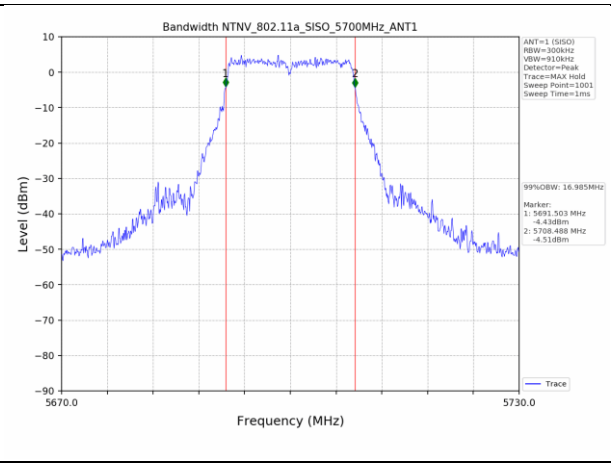

Bandwidth NTNV_802.11a_SISO_5300MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.926MHz
Marker:
1: 5291.521 MHz
-5.56dBm
2: 5308.448 MHz
-7.55dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

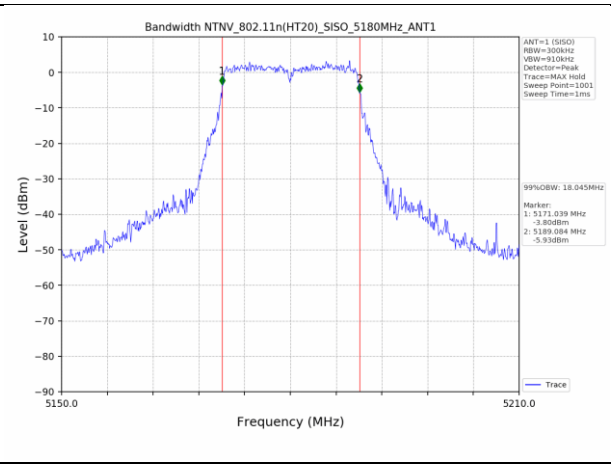

Bandwidth NTNV_802.11a_SISO_5320MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.006MHz
Marker:
1: 5311.498 MHz
-5.12dBm
2: 5328.503 MHz
-9.30dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

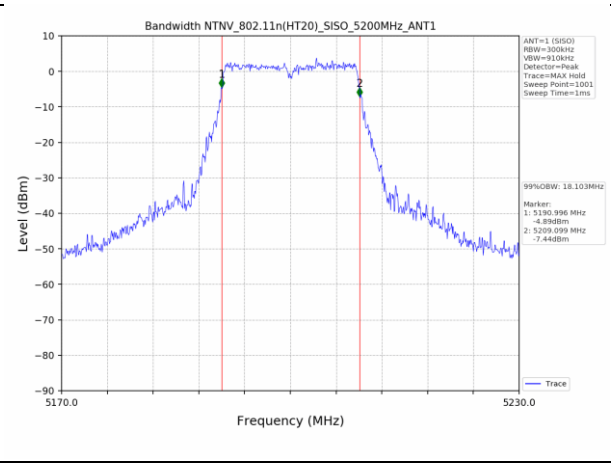

Bandwidth NTNV_802.11a_SISO_5500MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.083MHz
Marker:
1: 5491.494 MHz
-6.36dBm
2: 5508.577 MHz
-6.69dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

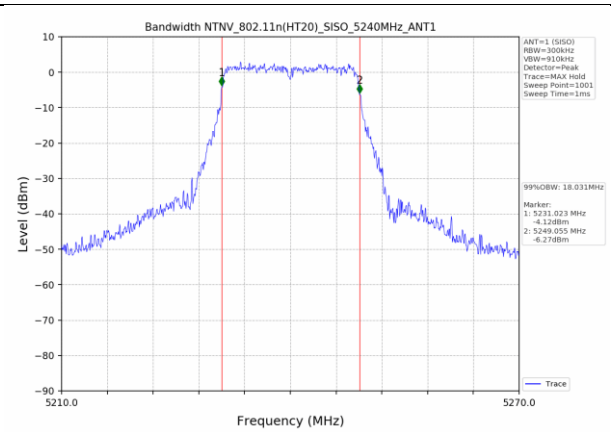

Bandwidth NTNV_802.11a_SISO_5580MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.065MHz
Marker:
1: 5571.496 MHz
-5.91dBm
2: 5588.561 MHz
-6.48dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

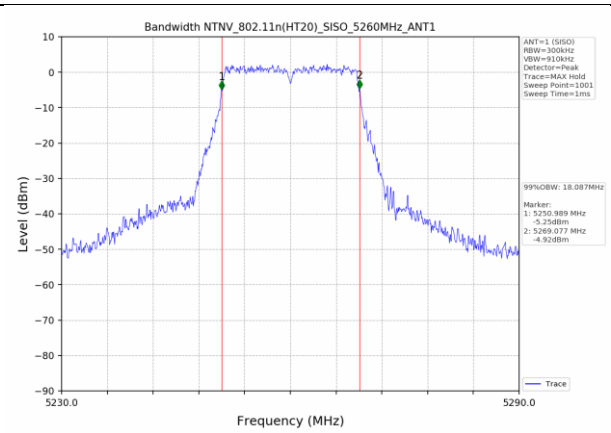

Bandwidth NTNV_802.11a_SISO_5600MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.050MHz
Marker:
1: 5591.529 MHz
-4.31dBm
2: 5608.580 MHz
-6.21dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

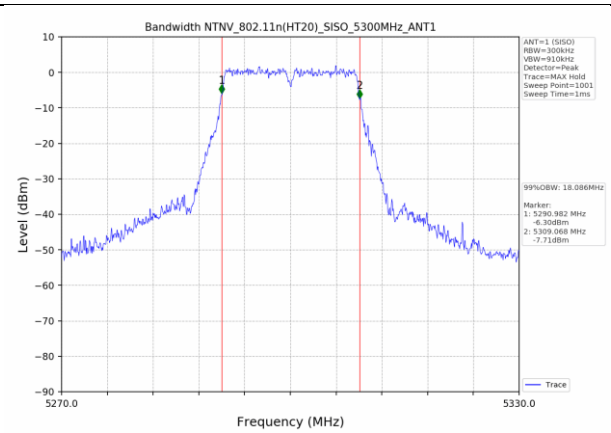

Bandwidth NTNV_802.11a_SISO_5700MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.985MHz
Marker:
1: 5691.503 MHz
-4.43dBm
2: 5708.488 MHz
-4.51dBm
Level (dBm)
Frequency (MHz)
5670.0
5730.0
Trace

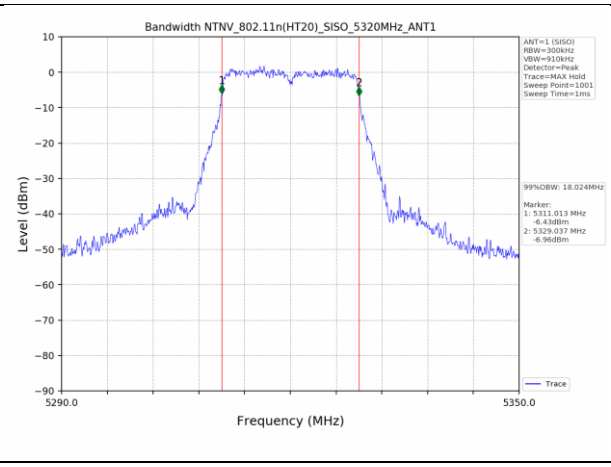

Bandwidth NTNV_802.11n(HT20)_SISO_5180MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.045MHz
Marker:
1: 5171.039 MHz
-3.80dBm
2: 5189.084 MHz
-5.93dBm
Level (dBm)
Frequency (MHz)
5150.0
5210.0
Trace

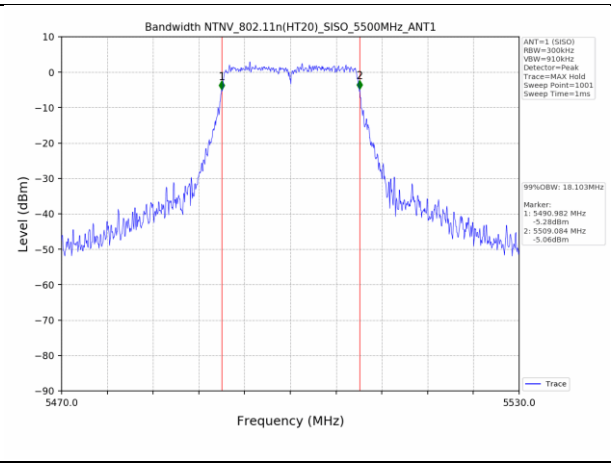

Bandwidth NTNV_802.11n(HT20)_SISO_5200MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.103MHz
Marker:
1: 5190.996 MHz
-4.89dBm
2: 5209.099 MHz
-7.44dBm
Level (dBm)
Frequency (MHz)
5170.0
5230.0
Trace

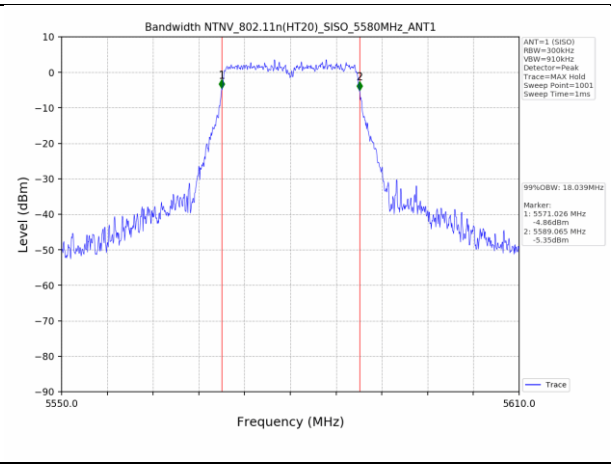

Bandwidth NTNV_802.11n(HT20)_SISO_5240MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.031MHz
Marker:
1: 5231.023 MHz
-4.12dBm
2: 5249.055 MHz
-6.27dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5270.0

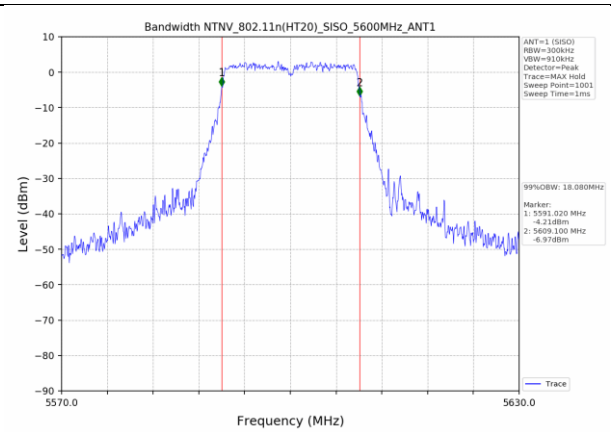

Bandwidth NTNV_802.11n(HT20)_SISO_5260MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.087MHz
Marker:
1: 5250.989 MHz
-5.25dBm
2: 5269.077 MHz
-4.92dBm
Trace
Level (dBm)
Frequency (MHz)
5230.0
5290.0

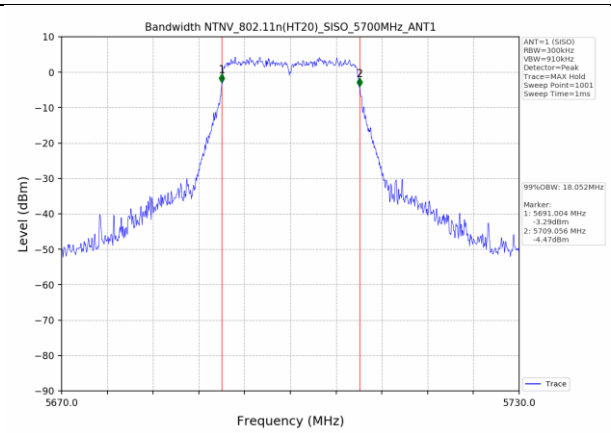

Bandwidth NTNV_802.11n(HT20)_SISO_5300MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.086MHz
Marker:
1: 5290.982 MHz
-6.30dBm
2: 5309.068 MHz
-7.71dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

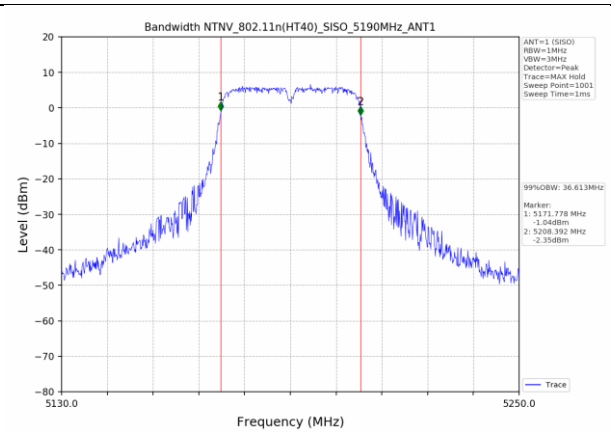

Bandwidth NTNV_802.11n(HT20)_SISO_5320MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.024MHz
Marker:
1: 5311.013 MHz
-6.43dBm
2: 5329.037 MHz
-6.96dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

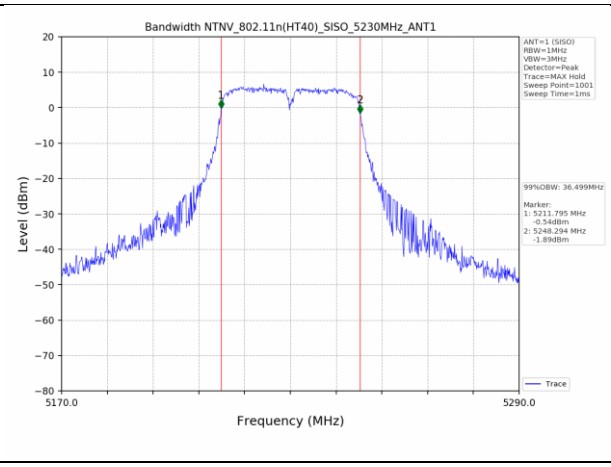

Bandwidth NTNV_802.11n(HT20)_SISO_5500MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.103MHz
Marker:
1: 5490.982 MHz
-5.28dBm
2: 5509.084 MHz
-5.06dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

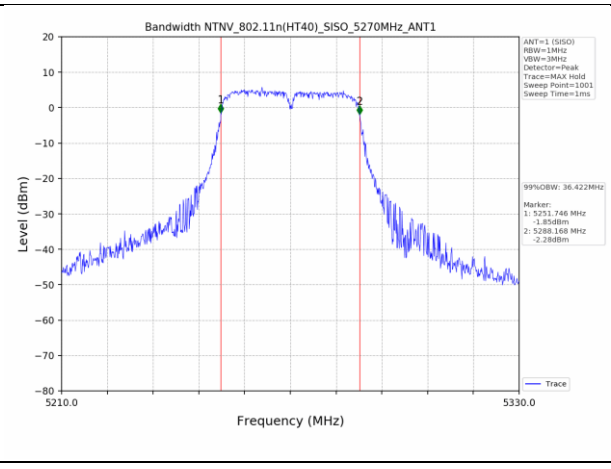

Bandwidth NTNV_802.11n(HT20)_SISO_5580MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.039MHz
Marker:
1: 5571.026 MHz
-4.86dBm
2: 5589.065 MHz
-5.35dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

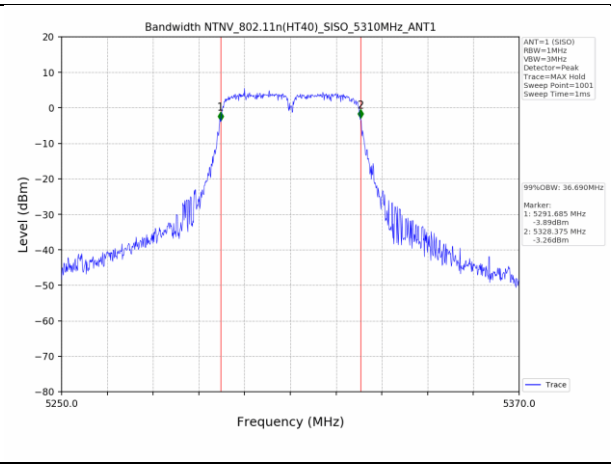

Bandwidth NTNV_802.11n(HT20)_SISO_5600MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.080MHz
Marker:
1: 5591.020 MHz
-4.21dBm
2: 5609.100 MHz
-6.97dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

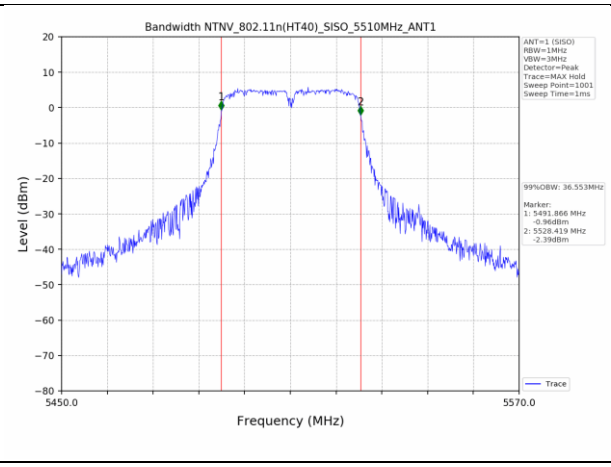

Bandwidth NTNV_802.11n(HT20)_SISO_5700MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.052MHz
Marker:
1: 5691.004 MHz
-3.29dBm
2: 5709.056 MHz
-4.47dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

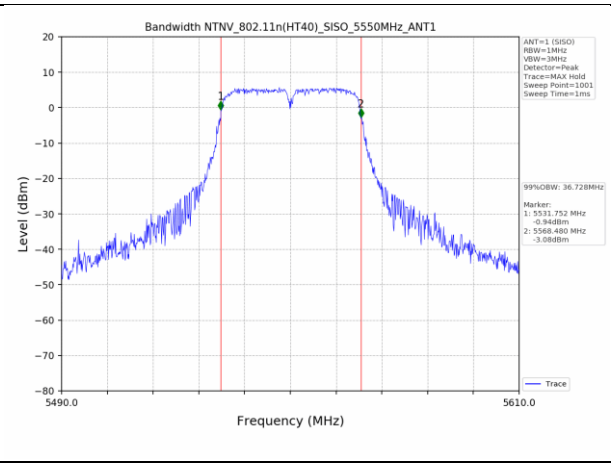

Bandwidth NTNV_802.11n(HT40)_SISO_5190MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.613MHz
Marker:
1: 5171.778 MHz
-1.04dBm
2: 5208.392 MHz
-2.35dBm
Trace
Level (dBm)
Frequency (MHz)
5130.0
5250.0

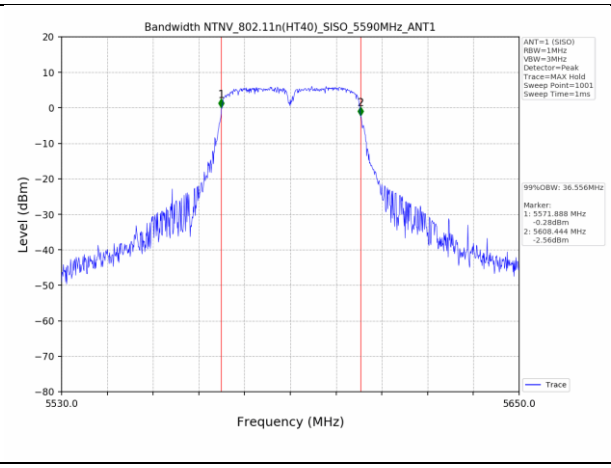

Bandwidth NTNV_802.11n(HT40)_SISO_5230MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.499MHz
Marker:
1: 5211.795 MHz
-0.54dBm
2: 5248.294 MHz
-1.89dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5290.0

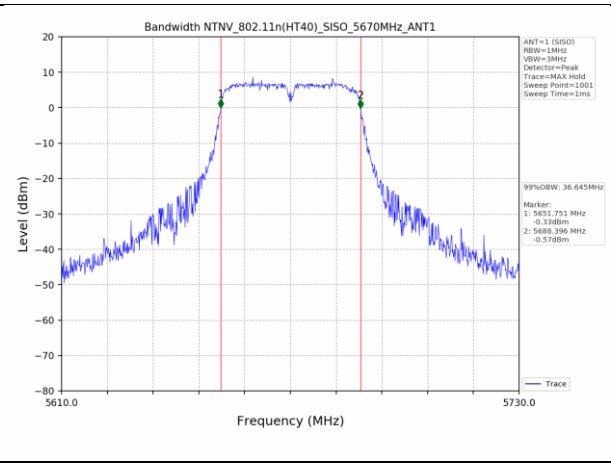

Bandwidth NTNV_802.11n(HT40)_SISO_5270MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.422MHz
Marker:
1: 5251.746 MHz
-1.85dBm
2: 5288.168 MHz
-2.28dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5330.0

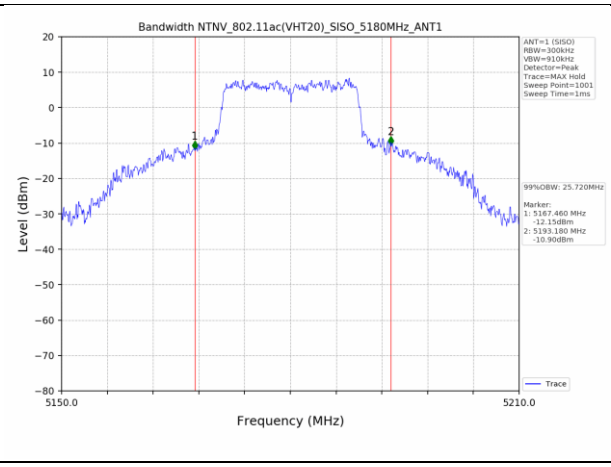

Bandwidth NTNV_802.11n(HT40)_SISO_5310MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.690MHz
Marker:
1: 5291.685 MHz
-3.89dBm
2: 5328.375 MHz
-3.26dBm
Trace
Level (dBm)
Frequency (MHz)
5250.0
5370.0

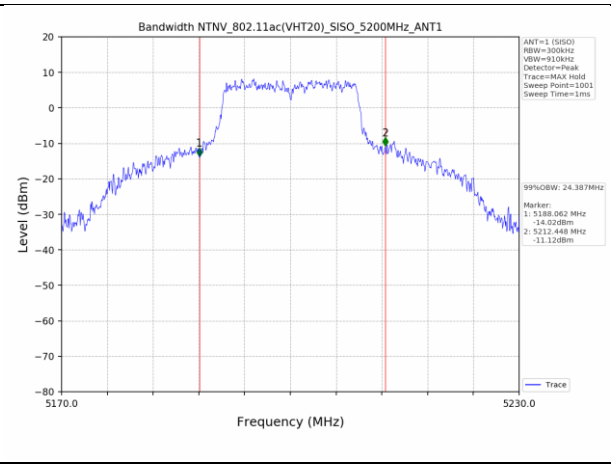

Bandwidth NTNV_802.11n(HT40)_SISO_5510MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.553MHz
Marker:
1: 5491.866 MHz
-0.96dBm
2: 5528.419 MHz
-2.39dBm
Trace
Level (dBm)
Frequency (MHz)
5450.0
5570.0

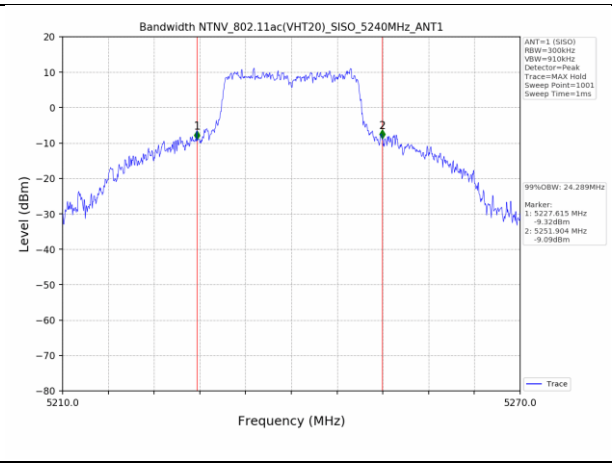

Bandwidth NTNV_802.11n(HT40)_SISO_5550MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.728MHz
Marker:
1: 5531.752 MHz
-0.94dBm
2: 5568.480 MHz
-3.08dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5610.0

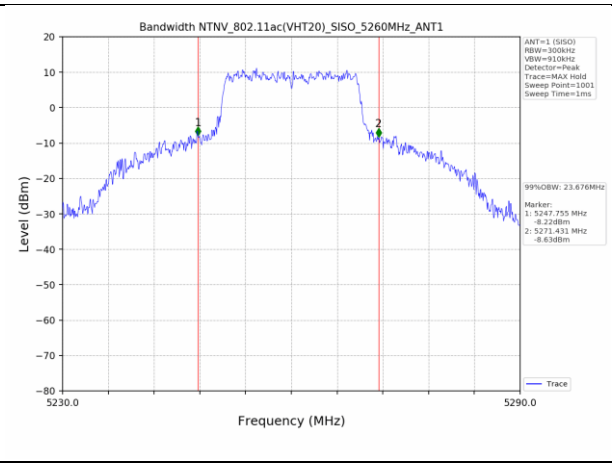

Bandwidth NTNV_802.11n(HT40)_SISO_5590MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.556MHz
Marker:
1: 5571.888 MHz
-0.28dBm
2: 5608.444 MHz
-2.56dBm
Trace
Level (dBm)
Frequency (MHz)
5530.0
5650.0

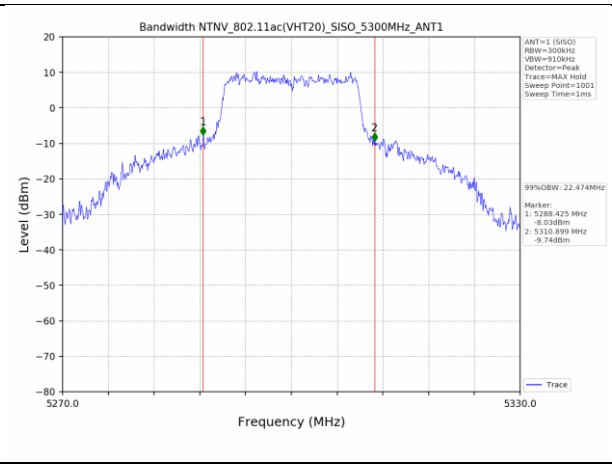

Bandwidth NTNV_802.11n(HT40)_SISO_5670MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.645MHz
Marker:
1: 5651.751 MHz
-0.33dBm
2: 5688.396 MHz
-0.57dBm
Level (dBm)
Frequency (MHz)
5610.0
5730.0
Trace

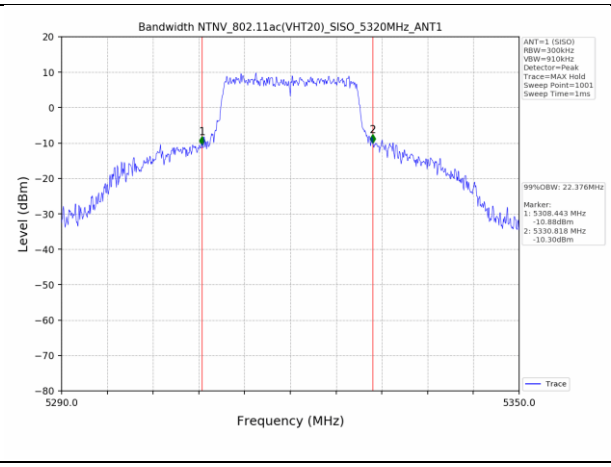

Bandwidth NTNV_802.11ac(VHT20)_SISO_5180MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 25.720MHz
Marker:
1: 5167.460 MHz
-12.15dBm
2: 5193.180 MHz
-10.90dBm
Level (dBm)
Frequency (MHz)
5150.0
5210.0
Trace

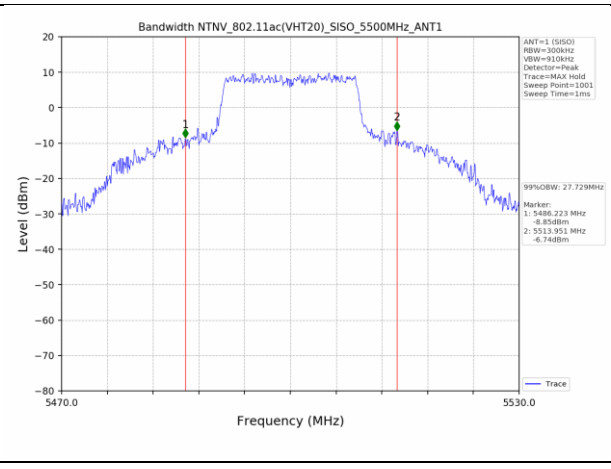

Bandwidth NTNV_802.11ac(VHT20)_SISO_5200MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 24.387MHz
Marker:
1: 5188.062 MHz
-14.02dBm
2: 5212.448 MHz
-11.12dBm
Level (dBm)
Frequency (MHz)
5170.0
5230.0
Trace

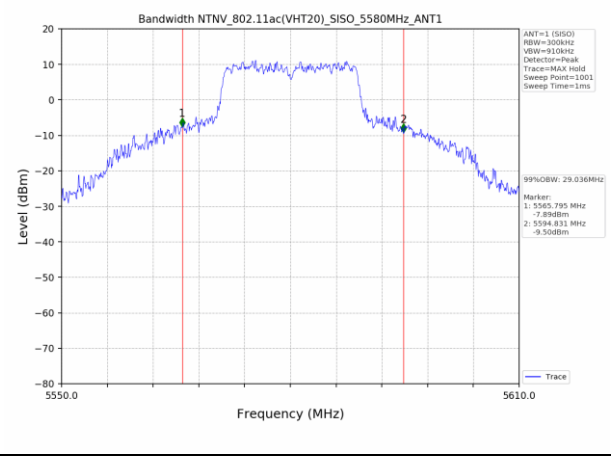

Bandwidth NTNV_802.11ac(VHT20)_SISO_5240MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 24.289MHz
Marker:
1: 5227.615 MHz
-9.32dBm
2: 5251.904 MHz
-9.09dBm
Level (dBm)
Frequency (MHz)
5210.0
5270.0
Trace

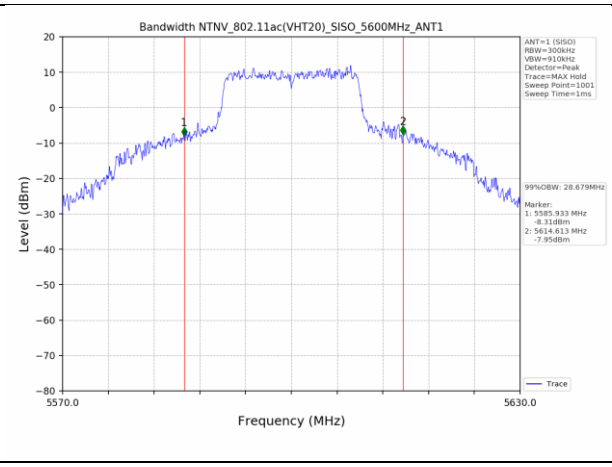

Bandwidth NTNV_802.11ac(VHT20)_SISO_5260MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 23.676MHz
Marker:
1: 5247.755 MHz
-8.22dBm
2: 5271.431 MHz
-8.63dBm
Level (dBm)
Frequency (MHz)
5230.0
5290.0
Trace

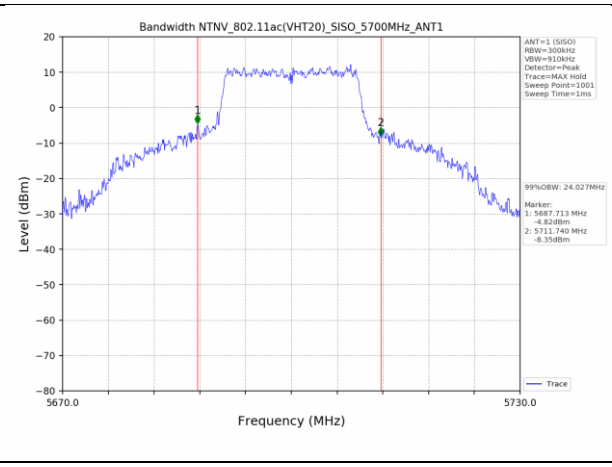

Bandwidth NTNV_802.11ac(VHT20)_SISO_5300MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 22.474MHz
Marker:
1: 5288.425 MHz
-8.03dBm
2: 5310.899 MHz
-9.74dBm
Level (dBm)
Frequency (MHz)
5270.0
5330.0
Trace

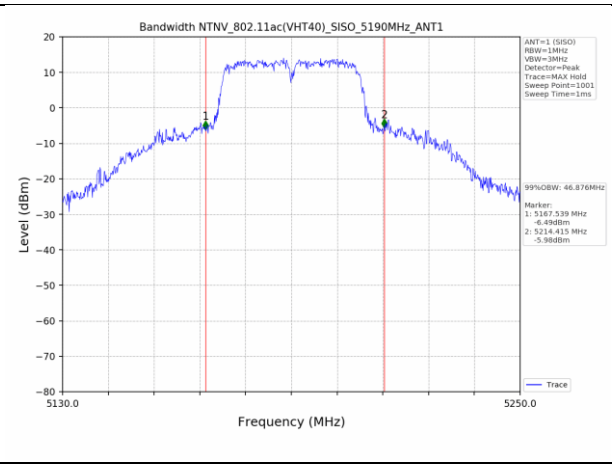

Bandwidth NTNV_802.11ac(VHT20)_SISO_5320MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 22.376MHz
Marker:
1: 5308.443 MHz
-10.88dBm
2: 5330.818 MHz
-10.30dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

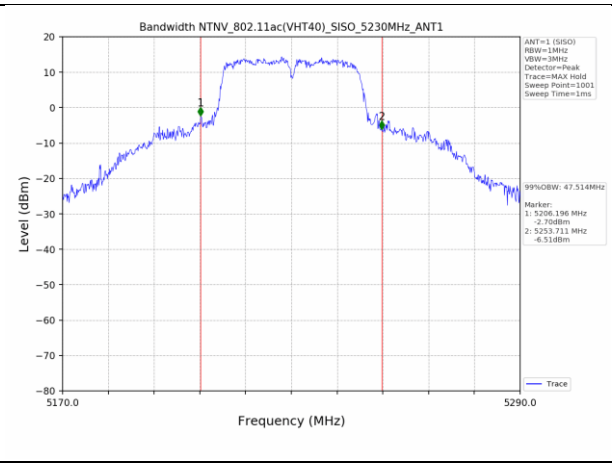

Bandwidth NTNV_802.11ac(VHT20)_SISO_5500MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 27.729MHz
Marker:
1: 5486.223 MHz
-8.85dBm
2: 5513.951 MHz
-6.74dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

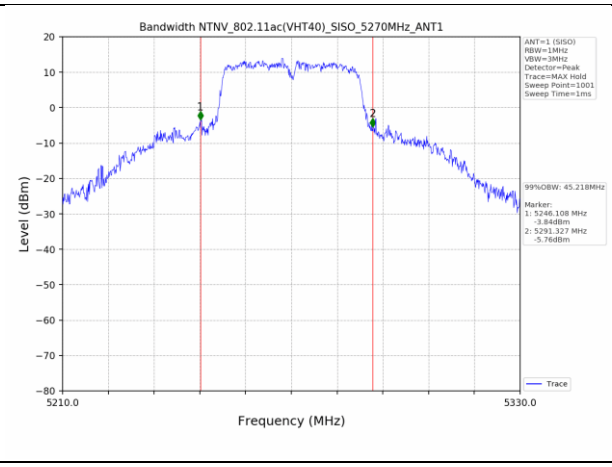

Bandwidth NTNV_802.11ac(VHT20)_SISO_5580MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 29.036MHz
Marker:
1: 5565.795 MHz
-7.89dBm
2: 5594.831 MHz
-9.50dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

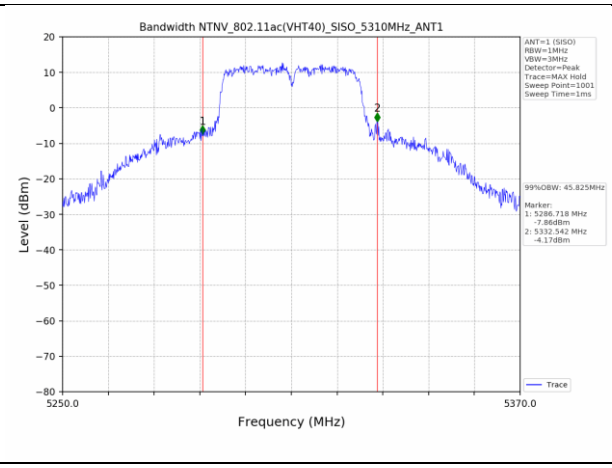

Bandwidth NTNV_802.11ac(VHT20)_SISO_5600MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 28.679MHz
Marker:
1: 5585.933 MHz
-8.31dBm
2: 5614.613 MHz
-7.95dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

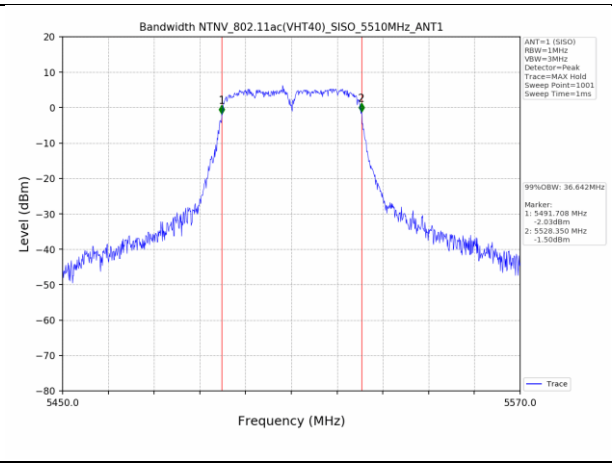

Bandwidth NTNV_802.11ac(VHT20)_SISO_5700MHz_ANT1
ANT=1 (SISO)
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 24.027MHz
Marker:
1: 5687.713 MHz
-4.82dBm
2: 5711.740 MHz
-8.35dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

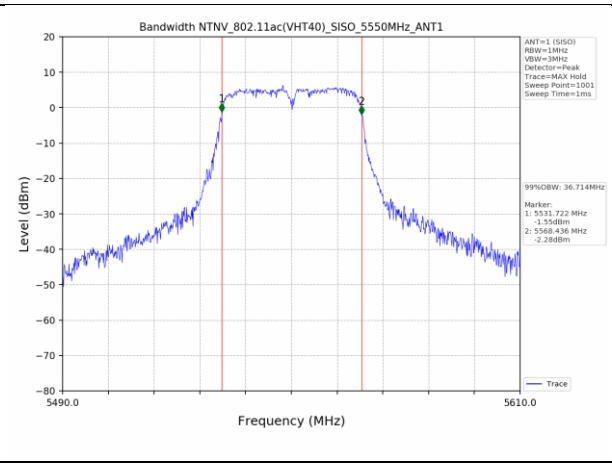

Bandwidth NTNV_802.11ac(VHT40)_SISO_5190MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 46.876MHz
Marker:
1: 5167.539 MHz
-6.49dBm
2: 5214.415 MHz
-5.98dBm
Trace
Level (dBm)
Frequency (MHz)
5130.0
5250.0

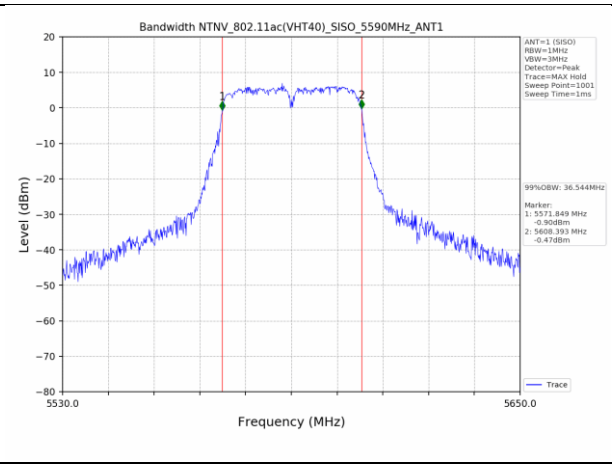

Bandwidth NTNV_802.11ac(VHT40)_SISO_5230MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 47.514MHz
Marker:
1: 5206.196 MHz
-2.70dBm
2: 5253.711 MHz
-6.51dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5290.0

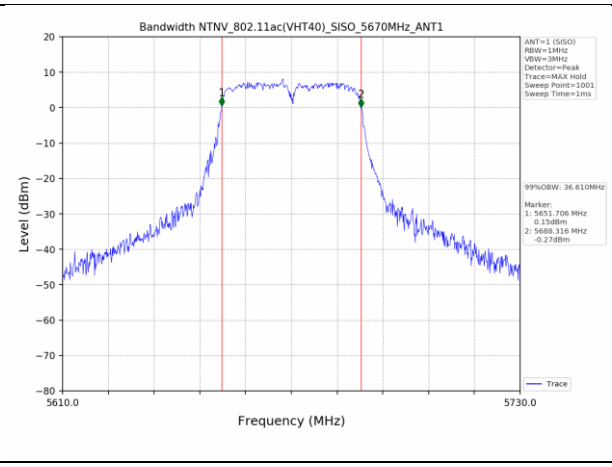

Bandwidth NTNV_802.11ac(VHT40)_SISO_5270MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 45.218MHz
Marker:
1: 5246.108 MHz
-3.84dBm
2: 5291.327 MHz
-5.76dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5330.0

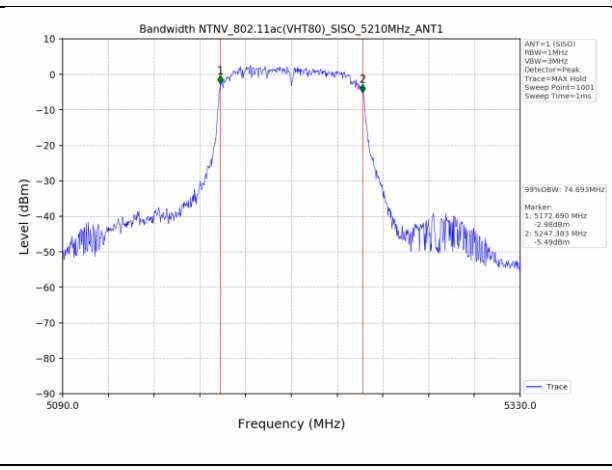

Bandwidth NTNV_802.11ac(VHT40)_SISO_5310MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 45.825MHz
Marker:
1: 5286.718 MHz
-7.86dBm
2: 5332.542 MHz
-4.17dBm
Trace
Level (dBm)
Frequency (MHz)
5250.0
5370.0

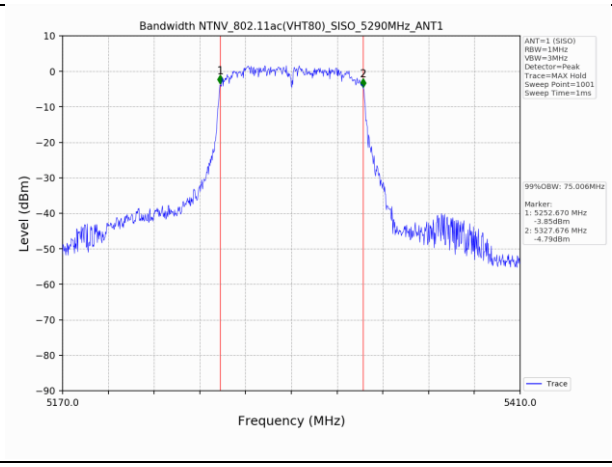

Bandwidth NTNV_802.11ac(VHT40)_SISO_5510MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.642MHz
Marker:
1: 5491.708 MHz
-2.03dBm
2: 5528.350 MHz
-1.50dBm
Trace
Level (dBm)
Frequency (MHz)
5450.0
5570.0

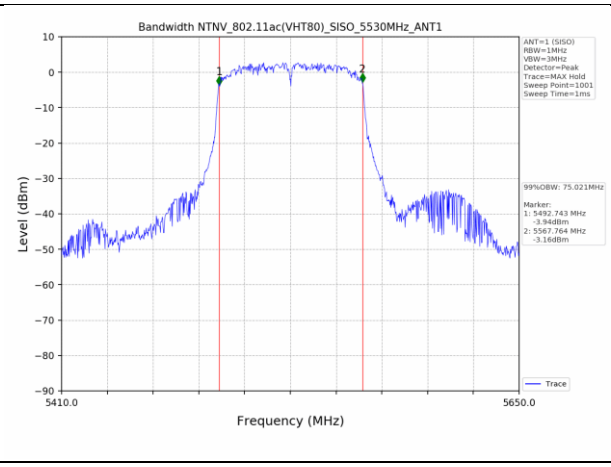

Bandwidth NTNV_802.11ac(VHT40)_SISO_5550MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.714MHz
Marker:
1: 5531.722 MHz
-1.55dBm
2: 5568.436 MHz
-2.28dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5610.0

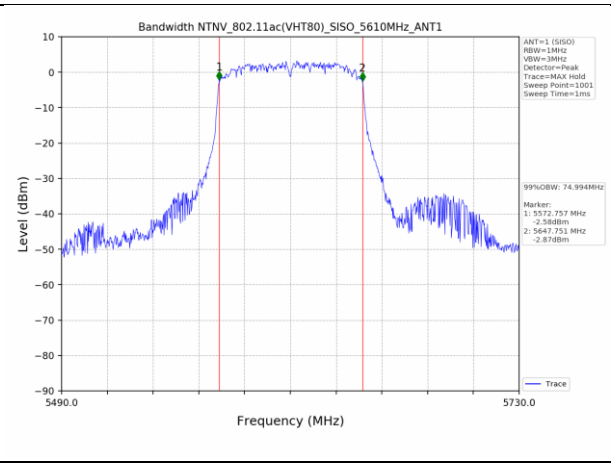

Bandwidth NTNV_802.11ac(VHT40)_SISO_5590MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.544MHz
Marker:
1: 5571.849 MHz
-0.90dBm
2: 5608.393 MHz
-0.47dBm
Trace
Level (dBm)
Frequency (MHz)
5530.0
5650.0


Bandwidth NTNV_802.11ac(VHT40)_SISO_5670MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.610MHz
Marker:
1: 5651.706 MHz
0.15dBm
2: 5688.316 MHz
-0.27dBm
Trace
Level (dBm)
Frequency (MHz)
5610.0
5730.0


Bandwidth NTNV_802.11ac(VHT80)_SISO_5210MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 74.693MHz
Marker:
1: 5172.690 MHz
-2.98dBm
2: 5247.383 MHz
-5.49dBm
Trace
Level (dBm)
Frequency (MHz)
5090.0
5330.0


Bandwidth NTNV_802.11ac(VHT80)_SISO_5290MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 75.006MHz
Marker:
1: 5252.670 MHz
-3.85dBm
2: 5327.676 MHz
-4.79dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5410.0


Bandwidth NTNV_802.11ac(VHT80)_SISO_5530MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 75.021MHz
Marker:
1: 5492.743 MHz
-3.94dBm
2: 5567.764 MHz
-3.16dBm
Trace
Level (dBm)
Frequency (MHz)
5410.0
5650.0


Bandwidth NTNV_802.11ac(VHT80)_SISO_5610MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 74.994MHz
Marker:
1: 5572.757 MHz
-2.58dBm
2: 5647.751 MHz
-2.87dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5730.0

3. Maximum Conducted Output Power

3.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1		
802.11a	5180	SISO	12.07	≤23.98	PASS
	5200	SISO	12.25	≤23.98	PASS
	5240	SISO	11.86	≤23.98	PASS
	5260	SISO	11.76	≤23.98	PASS
	5300	SISO	11.27	≤23.98	PASS
	5320	SISO	10.59	≤23.98	PASS
	5500	SISO	11.64	≤23.98	PASS
	5580	SISO	12.28	≤23.98	PASS
	5600	SISO	12.33	≤23.98	PASS
	5700	SISO	13.62	≤23.98	PASS
802.11n(HT20)	5180	SISO	12.35	≤23.98	PASS
	5200	SISO	12.17	≤23.98	PASS
	5240	SISO	11.97	≤23.98	PASS
	5260	SISO	11.90	≤23.98	PASS
	5300	SISO	11.28	≤23.98	PASS
	5320	SISO	10.98	≤23.98	PASS
	5500	SISO	12.30	≤23.98	PASS
	5580	SISO	12.14	≤23.98	PASS
	5600	SISO	12.20	≤23.98	PASS
	5700	SISO	13.73	≤23.98	PASS
802.11n(HT40)	5190	SISO	12.61	≤23.98	PASS
	5230	SISO	12.31	≤23.98	PASS
	5270	SISO	11.76	≤23.98	PASS
	5310	SISO	11.07	≤23.98	PASS
	5510	SISO	11.76	≤23.98	PASS
	5550	SISO	12.19	≤23.98	PASS
	5590	SISO	12.22	≤23.98	PASS
	5670	SISO	13.72	≤23.98	PASS
802.11ac(VHT20)	5180	SISO	13.18	≤30.00	PASS
	5200	SISO	12.23	≤30.00	PASS
	5240	SISO	12.03	≤23.98	PASS
	5260	SISO	13.42	≤23.98	PASS
	5300	SISO	12.75	≤23.98	PASS
	5320	SISO	12.82	≤23.98	PASS
	5500	SISO	13.29	≤23.98	PASS
	5580	SISO	12.19	≤23.98	PASS
	5600	SISO	12.65	≤23.98	PASS
	5700	SISO	13.87	≤23.98	PASS
802.11ac(VHT40)	5190	SISO	12.21	≤23.98	PASS
	5230	SISO	13.58	≤23.98	PASS
	5270	SISO	12.94	≤23.98	PASS
	5310	SISO	13.32	≤23.98	PASS
	5510	SISO	11.65	≤23.98	PASS
	5550	SISO	12.23	≤23.98	PASS
	5590	SISO	12.55	≤23.98	PASS
	5670	SISO	13.86	≤23.98	PASS
802.11ac(VHT80)	5210	SISO	12.01	≤23.98	PASS
	5290	SISO	10.54	≤23.98	PASS
	5530	SISO	11.94	≤23.98	PASS

	5610	SISO	12.60	≤23.98	PASS

Note：1.The Duty Cycle Factor is compensated in the result.

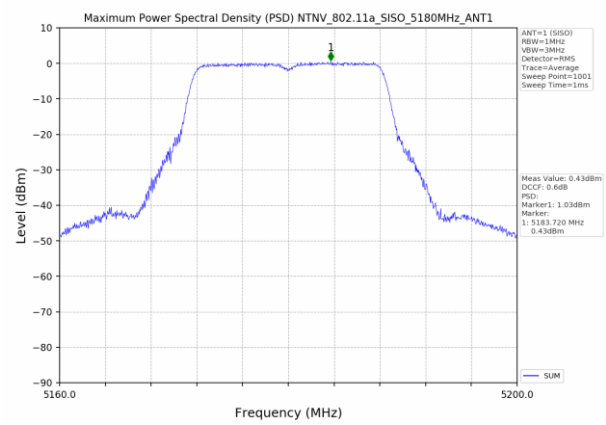
4. Maximum Power Spectral Density (PSD)

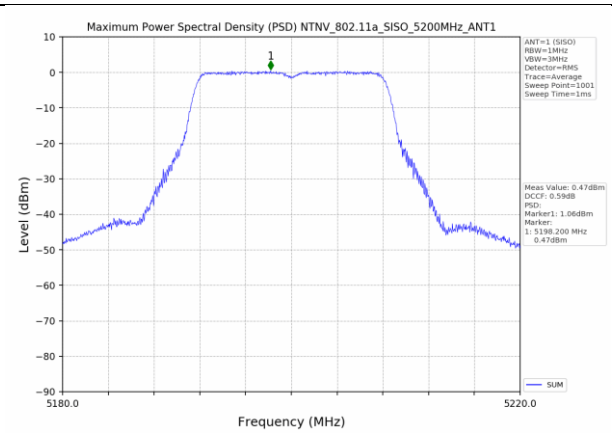
4.1 Test Result

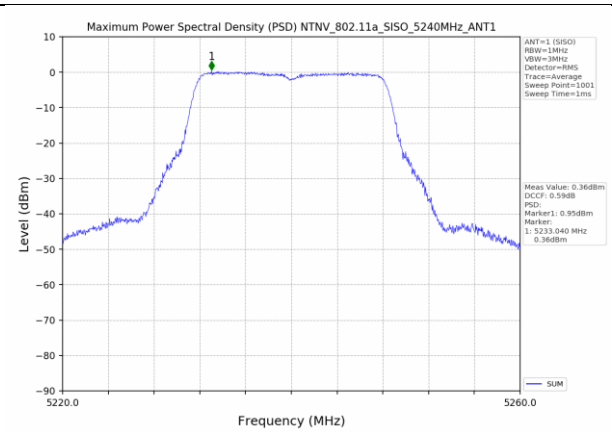
Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1		
802.11a	5180	SISO	1.03	≤11	PASS
	5200	SISO	1.06	≤11	PASS
	5240	SISO	0.95	≤11	PASS
	5260	SISO	0.80	≤11	PASS
	5300	SISO	0.19	≤11	PASS
	5320	SISO	-0.18	≤11	PASS
	5500	SISO	0.81	≤11	PASS
	5580	SISO	1.21	≤11	PASS
	5600	SISO	1.28	≤11	PASS
	5700	SISO	2.47	≤11	PASS
802.11n(HT20)	5180	SISO	1.03	≤11	PASS
	5200	SISO	1.29	≤11	PASS
	5240	SISO	0.51	≤11	PASS
	5260	SISO	0.75	≤11	PASS
	5300	SISO	0.09	≤11	PASS
	5320	SISO	0.01	≤11	PASS
	5500	SISO	0.56	≤11	PASS
	5580	SISO	0.86	≤11	PASS
	5600	SISO	1.31	≤11	PASS
	5700	SISO	2.31	≤11	PASS
802.11n(HT40)	5190	SISO	-1.65	≤11	PASS
	5230	SISO	-1.72	≤11	PASS
	5270	SISO	-2.17	≤11	PASS
	5310	SISO	-2.83	≤11	PASS
	5510	SISO	-2.09	≤11	PASS
	5550	SISO	-2.00	≤11	PASS
	5590	SISO	-1.62	≤11	PASS
	5670	SISO	-0.39	≤11	PASS
802.11ac(VHT20)	5180	SISO	5.83	≤17	PASS
	5200	SISO	5.83	≤17	PASS
	5240	SISO	8.58	≤11	PASS
	5260	SISO	8.49	≤11	PASS
	5300	SISO	7.90	≤11	PASS
	5320	SISO	8.00	≤11	PASS
	5500	SISO	7.86	≤11	PASS
	5580	SISO	8.71	≤11	PASS
	5600	SISO	9.13	≤11	PASS
	5700	SISO	9.53	≤11	PASS
802.11ac(VHT40)	5190	SISO	6.38	≤11	PASS
	5230	SISO	6.30	≤11	PASS
	5270	SISO	6.65	≤11	PASS
	5310	SISO	5.07	≤11	PASS
	5510	SISO	-1.97	≤11	PASS

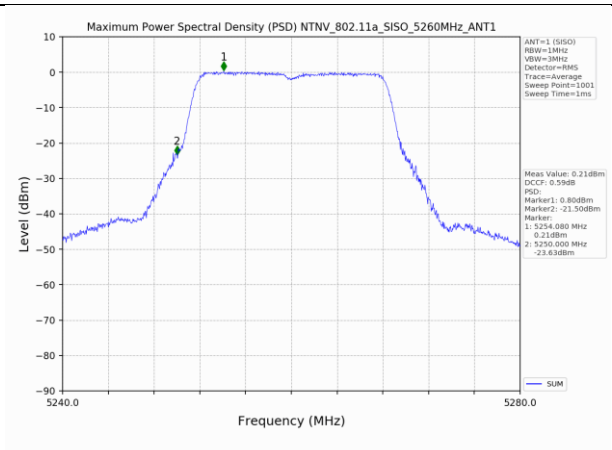
	5550	SISO	-1.63	≤11	PASS
	5590	SISO	-1.60	≤11	PASS
	5670	SISO	0.05	≤11	PASS
802.11ac(VHT80)	5210	SISO	-4.94	≤11	PASS
	5290	SISO	-6.04	≤11	PASS
	5530	SISO	-4.94	≤11	PASS
	5610	SISO	-3.68	≤11	PASS

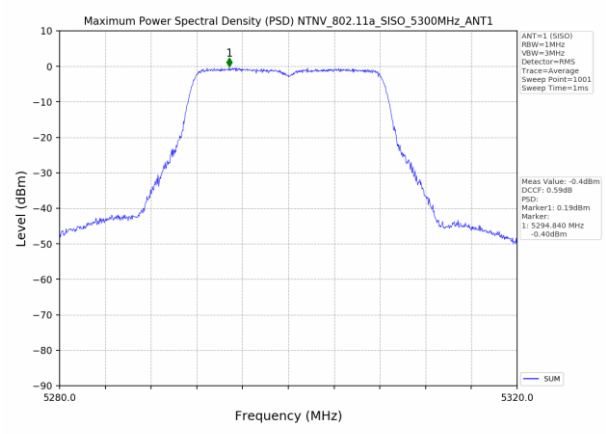
4.2 Test Graph

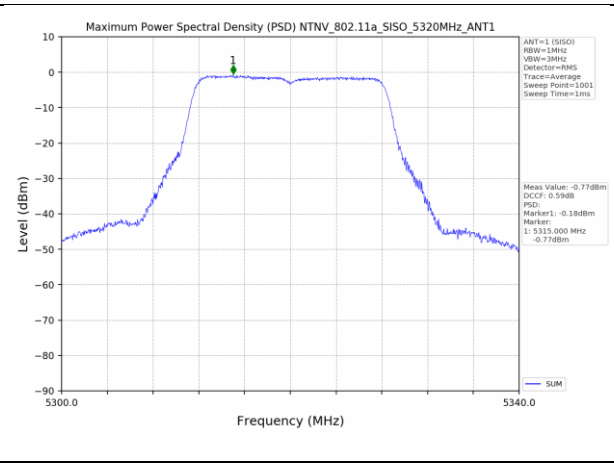


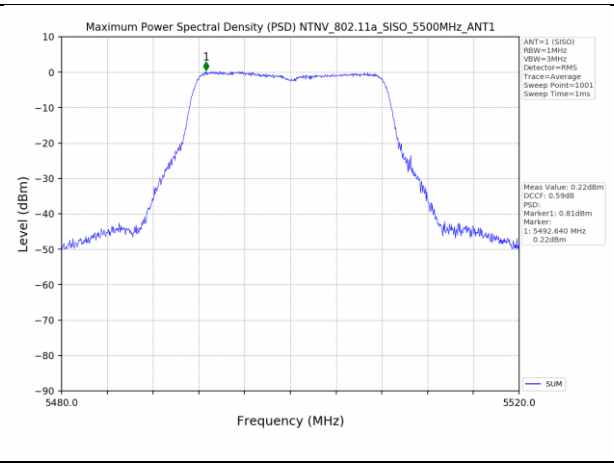


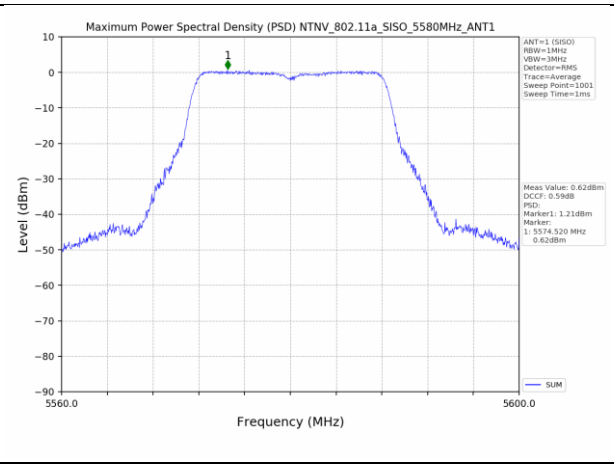

Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5240MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: 0.36dBm
DCCF: 0.59dB
PSD:
Marker1: 0.95dBm
Marker:
1: 5233.040 MHz
0.36dBm
SUM
Level (dBm)
Frequency (MHz)
5220.0
5260.0


Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5260MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: 0.21dBm
DCCF: 0.59dB
PSD:
Marker1: 0.80dBm
Marker2: -21.50dBm
Marker:
1: 5254.080 MHz
0.21dBm
2: 5250.000 MHz
-23.63dBm
SUM
Level (dBm)
Frequency (MHz)
5240.0
5280.0


Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5300MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: -0.4dBm
DCCF: 0.59dB
PSD:
Marker1: 0.19dBm
Marker:
1: 5294.840 MHz
-0.40dBm
SUM
Level (dBm)
Frequency (MHz)
5280.0
5320.0


Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5320MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: -0.77dBm
DCCF: 0.59dB
PSD:
Marker1: -0.18dBm
Marker:
1: 5315.000 MHz
-0.77dBm
SUM
Level (dBm)
Frequency (MHz)
5300.0
5340.0


Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5500MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: 0.22dBm
DCCF: 0.59dB
PSD:
Marker1: 0.81dBm
Marker:
1: 5492.640 MHz
0.22dBm
SUM
Level (dBm)
Frequency (MHz)
5480.0
5520.0


Maximum Power Spectral Density (PSD) NTNV_802.11a_SISO_5580MHz_ANT1
ANT=1 (SISO)
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=1ms
Meas Value: 0.62dBm
DCCF: 0.59dB
PSD:
Marker1: 1.21dBm
Marker:
1: 5574.520 MHz
0.62dBm
SUM
Level (dBm)
Frequency (MHz)
5560.0
5600.0