Appendix for 15.407

Product Name: Industrial Microcomputer

Test Model: FRD-WS-HD

1. Bandwidth

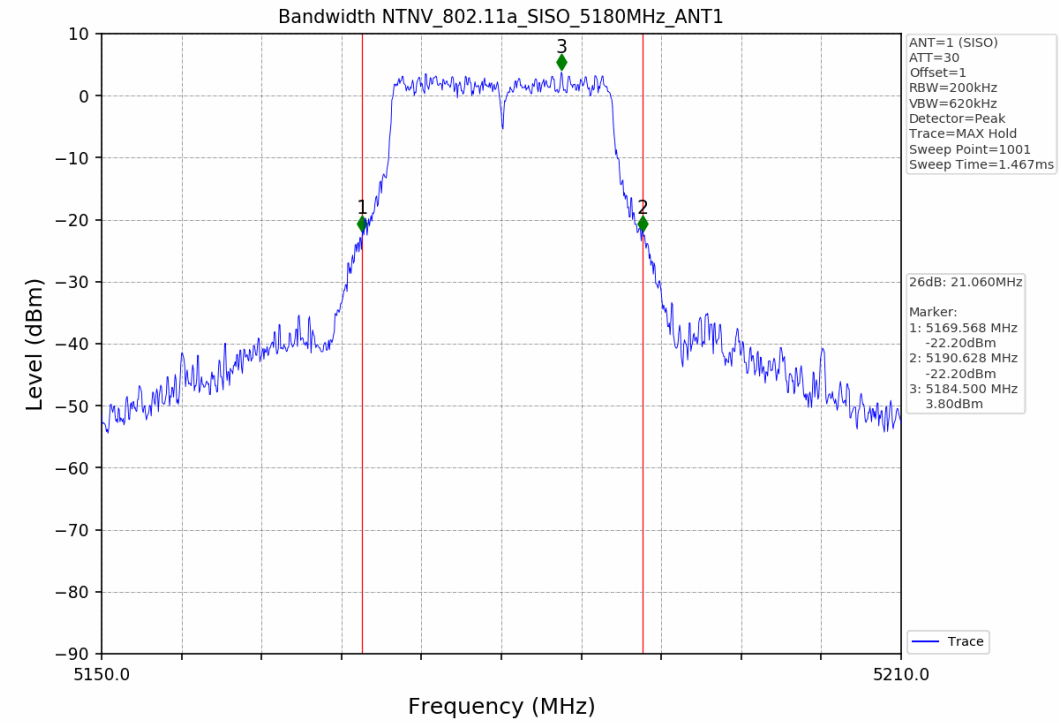
1.1 Test Result

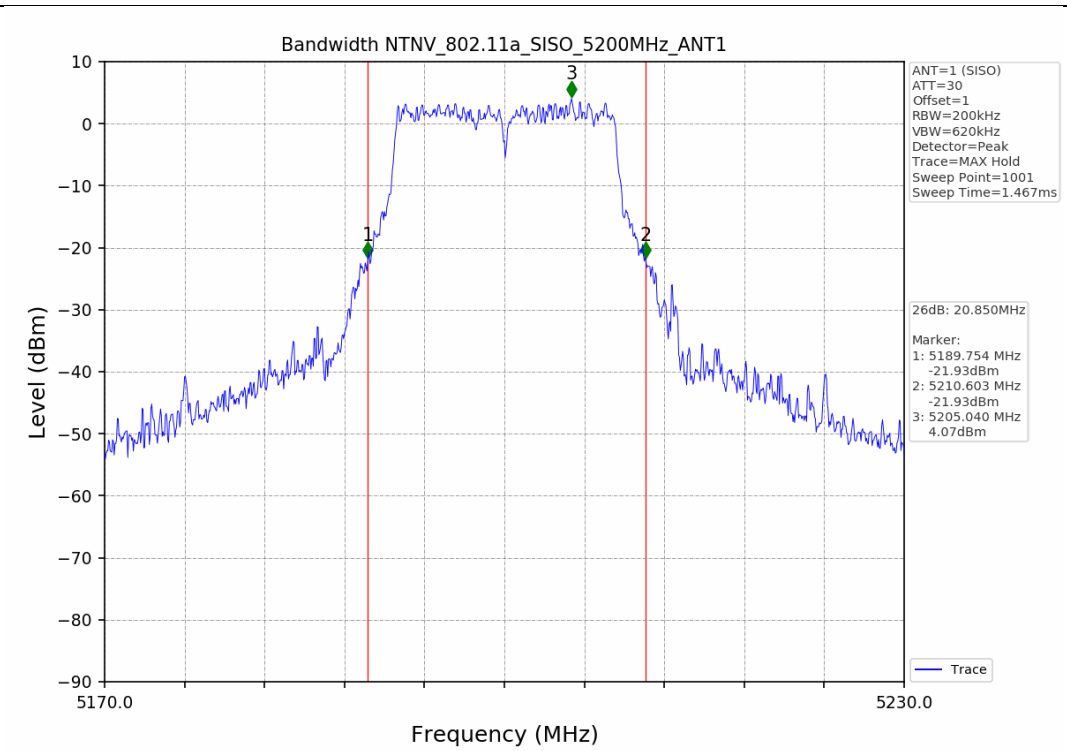
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5180	SISO	1	21.060	Only for Report Use	PASS
	5200	SISO	1	20.850	Only for Report Use	PASS
	5240	SISO	1	21.048	Only for Report Use	PASS
	5260	SISO	1	20.860	Only for Report Use	PASS
	5300	SISO	1	21.106	Only for Report Use	PASS
	5320	SISO	1	20.783	Only for Report Use	PASS
	5500	SISO	1	21.695	Only for Report Use	PASS
	5580	SISO	1	37.290	Only for Report Use	PASS
	5600	SISO	1	21.341	Only for Report Use	PASS
	5700	SISO	1	21.825	Only for Report Use	PASS
802.11n(HT20)	5180	SISO	1	21.763	Only for Report Use	PASS
	5200	SISO	1	21.444	Only for Report Use	PASS
	5240	SISO	1	21.605	Only for Report Use	PASS
	5260	SISO	1	21.963	Only for Report Use	PASS
	5300	SISO	1	21.643	Only for Report Use	PASS
	5320	SISO	1	21.628	Only for Report Use	PASS
	5500	SISO	1	21.901	Only for Report Use	PASS
	5580	SISO	1	21.667	Only for Report Use	PASS
	5600	SISO	1	21.851	Only for Report Use	PASS
	5700	SISO	1	21.696	Only for Report Use	PASS
802.11n(HT40)	5190	SISO	1	41.631	Only for Report Use	PASS
	5230	SISO	1	42.047	Only for Report Use	PASS
	5270	SISO	1	42.059	Only for Report Use	PASS
	5310	SISO	1	42.683	Only for Report Use	PASS
	5510	SISO	1	41.843	Only for Report Use	PASS
	5550	SISO	1	42.235	Only for Report Use	PASS
	5590	SISO	1	42.214	Only for Report Use	PASS
	5670	SISO	1	41.784	Only for Report Use	PASS

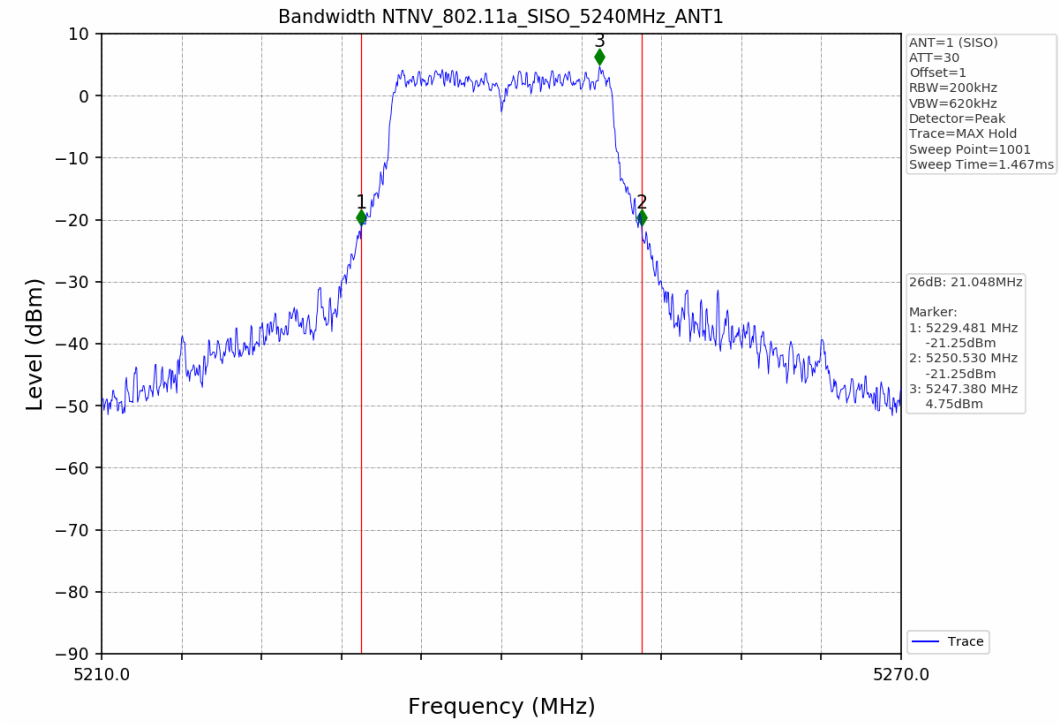
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5745	SISO	1	16.479	≥0.5	PASS
	5785	SISO	1	16.510	≥0.5	PASS
	5825	SISO	1	16.511	≥0.5	PASS
802.11n(HT20)	5745	SISO	1	17.735	≥0.5	PASS
	5785	SISO	1	17.734	≥0.5	PASS
	5825	SISO	1	17.770	≥0.5	PASS
802.11n(HT40)	5755	SISO	1	35.853	≥0.5	PASS
	5795	SISO	1	35.874	≥0.5	PASS

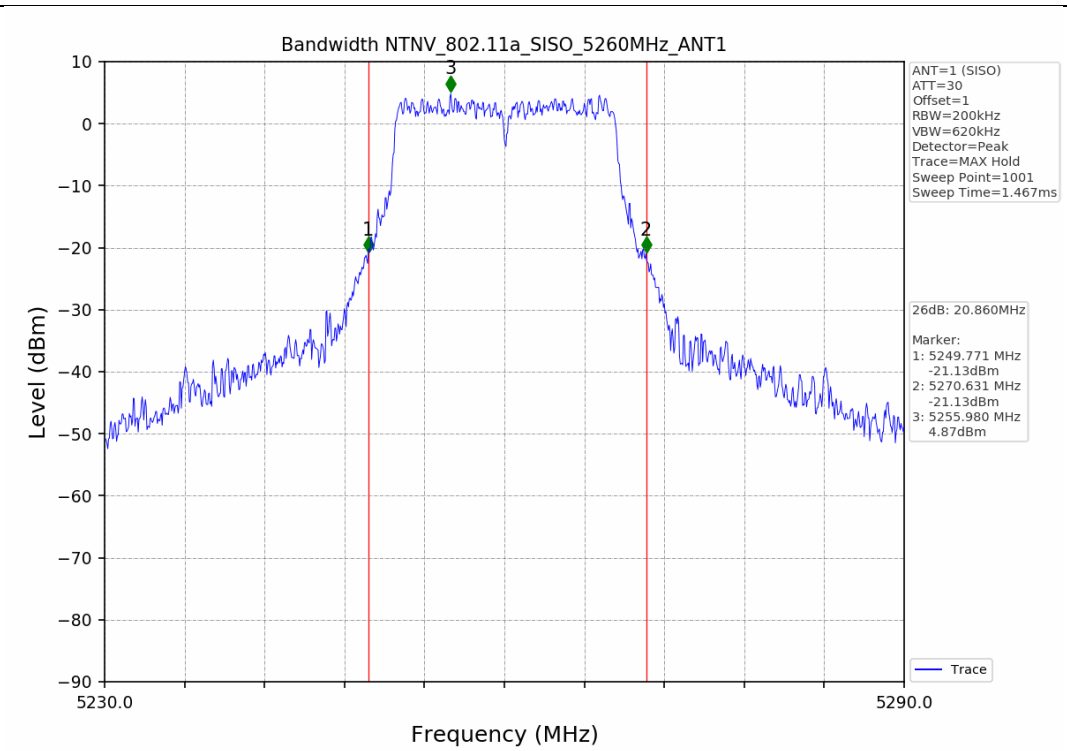
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5180	SISO	1	16.845	Only for Report Use
	5200	SISO	1	16.815	Only for Report Use
	5240	SISO	1	16.855	Only for Report Use
	5260	SISO	1	16.796	Only for Report Use
	5300	SISO	1	16.884	Only for Report Use
	5320	SISO	1	16.826	Only for Report Use
	5500	SISO	1	16.787	Only for Report Use
	5580	SISO	1	21.903	Only for Report Use
	5600	SISO	1	16.948	Only for Report Use
	5700	SISO	1	16.826	Only for Report Use
	5745	SISO	1	16.906	Only for Report Use
	5785	SISO	1	16.807	Only for Report Use
	5825	SISO	1	16.801	Only for Report Use
802.11n(HT20)	5180	SISO	1	17.921	Only for Report Use
	5200	SISO	1	17.883	Only for Report Use
	5240	SISO	1	17.943	Only for Report Use
	5260	SISO	1	17.963	Only for Report Use
	5300	SISO	1	17.947	Only for Report Use
	5320	SISO	1	17.968	Only for Report Use
	5500	SISO	1	18.013	Only for Report Use
	5580	SISO	1	17.925	Only for Report Use
	5600	SISO	1	17.924	Only for Report Use
	5700	SISO	1	17.949	Only for Report Use
	5745	SISO	1	18.012	Only for Report Use
	5785	SISO	1	17.933	Only for Report Use
	5825	SISO	1	17.935	Only for Report Use
802.11n(HT40)	5190	SISO	1	36.647	Only for Report Use
	5230	SISO	1	36.531	Only for Report Use
	5270	SISO	1	36.494	Only for Report Use
	5310	SISO	1	36.555	Only for Report Use
	5510	SISO	1	36.789	Only for Report Use
	5550	SISO	1	36.672	Only for Report Use
	5590	SISO	1	36.552	Only for Report Use
	5670	SISO	1	36.488	Only for Report Use
	5755	SISO	1	36.470	Only for Report Use
	5795	SISO	1	36.525	Only for Report Use

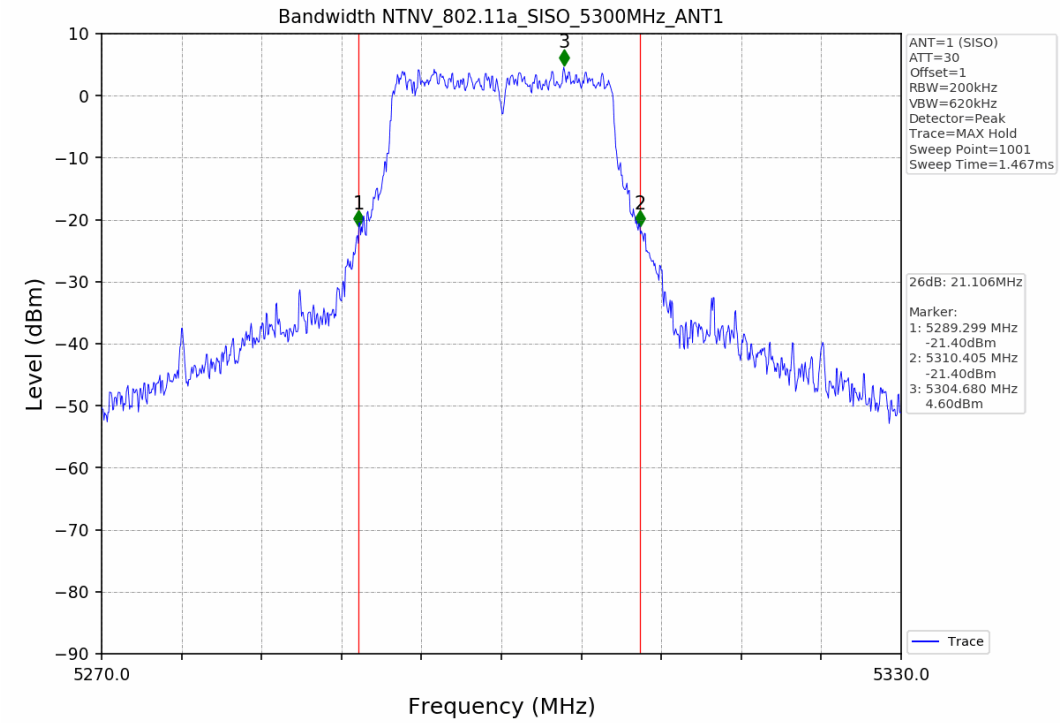
1.2 Test Graph - Emission Bandwidth

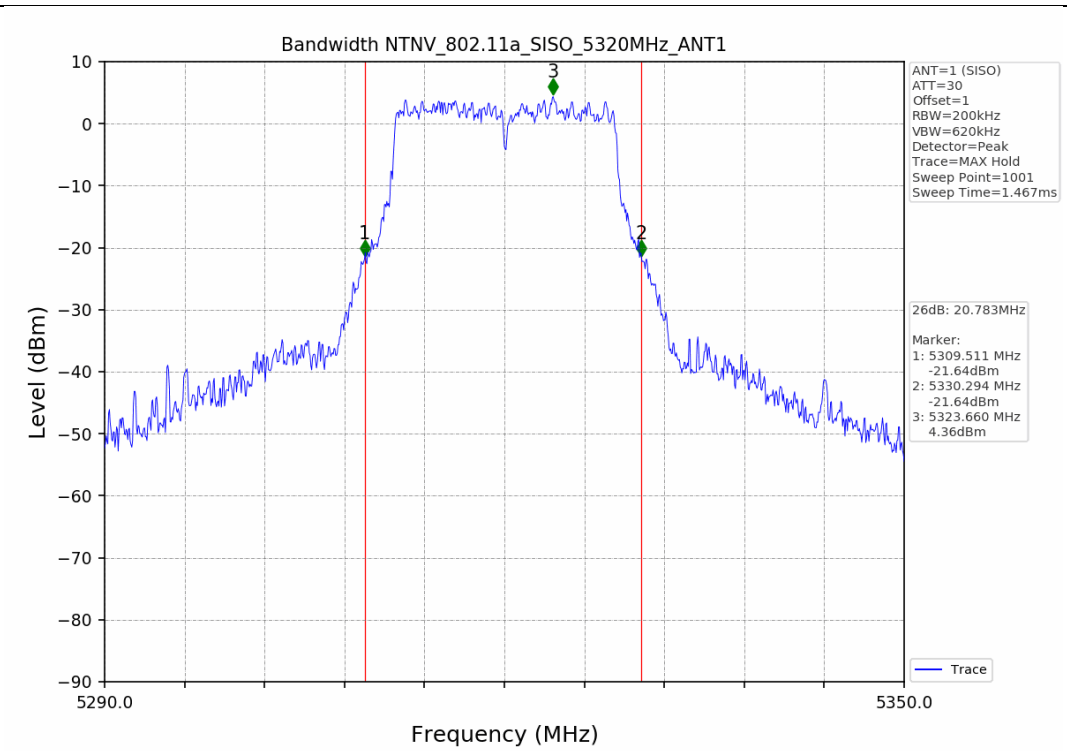

Bandwidth NTNV_802.11a_SISO_5180MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.060MHz
Marker:
1: 5169.568 MHz
-22.20dBm
2: 5190.628 MHz
-22.20dBm
3: 5184.500 MHz
3.80dBm
Trace
Level (dBm)
Frequency (MHz)
5150.0
5210.0

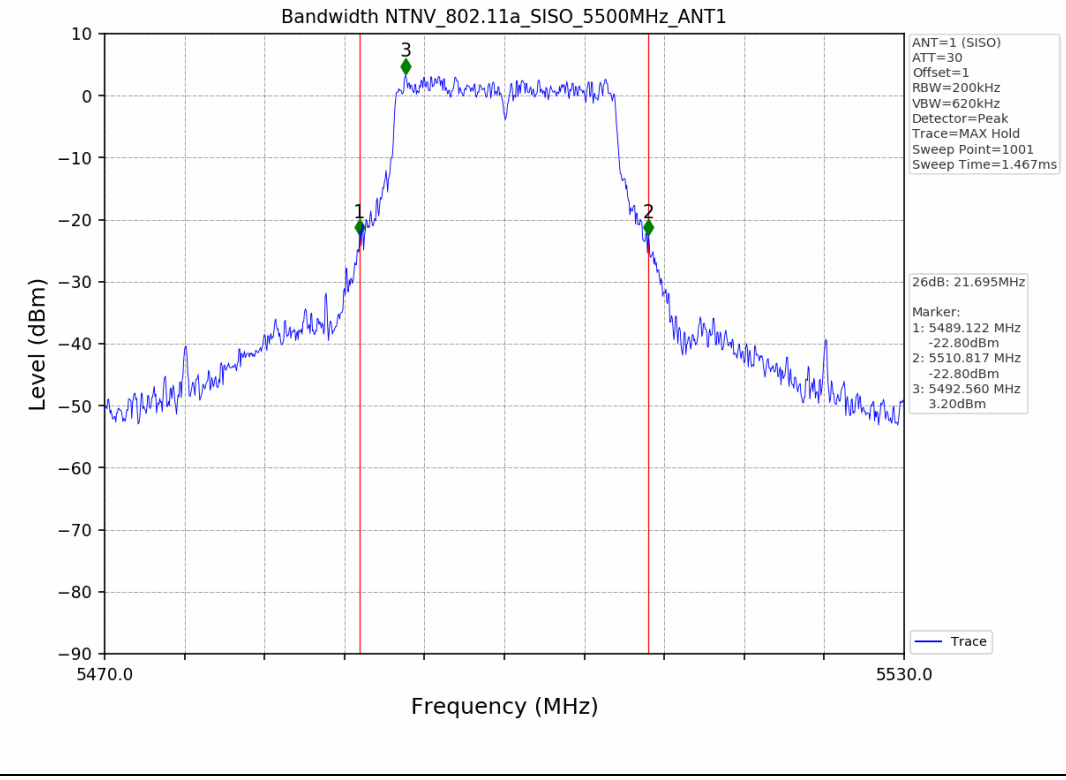

Bandwidth NTNV_802.11a_SISO_5200MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 20.850MHz
Marker:
1: 5189.754 MHz
-21.93dBm
2: 5210.603 MHz
-21.93dBm
3: 5205.040 MHz
4.07dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5230.0

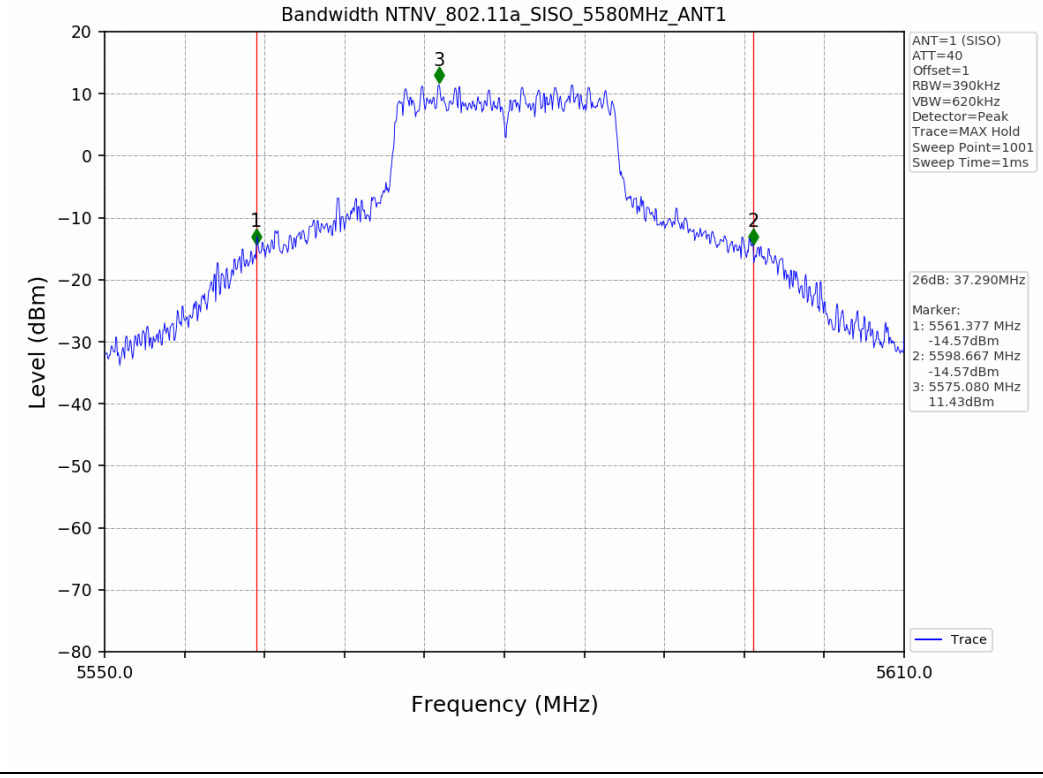

Bandwidth NTNV_802.11a_SISO_5240MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.048MHz
Marker:
1: 5229.481 MHz
-21.25dBm
2: 5250.530 MHz
-21.25dBm
3: 5247.380 MHz
4.75dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5270.0

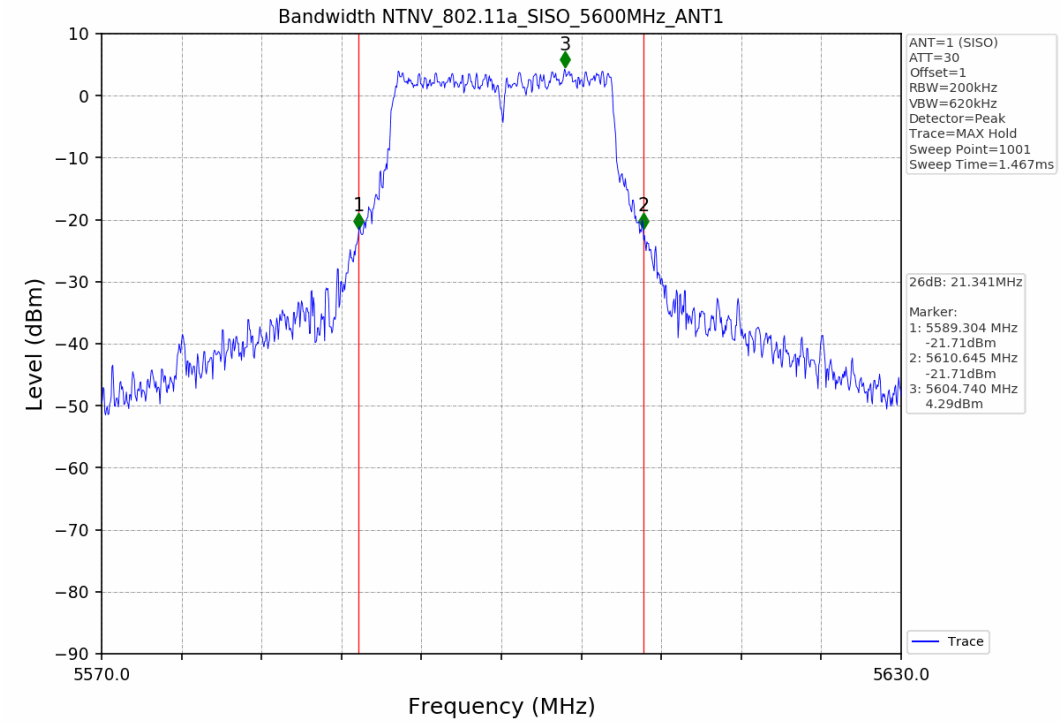

Bandwidth NTNV_802.11a_SISO_5260MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 20.860MHz
Marker:
1: 5249.771 MHz
-21.13dBm
2: 5270.631 MHz
-21.13dBm
3: 5255.980 MHz
4.87dBm
Trace
Level (dBm)
Frequency (MHz)
5230.0
5290.0

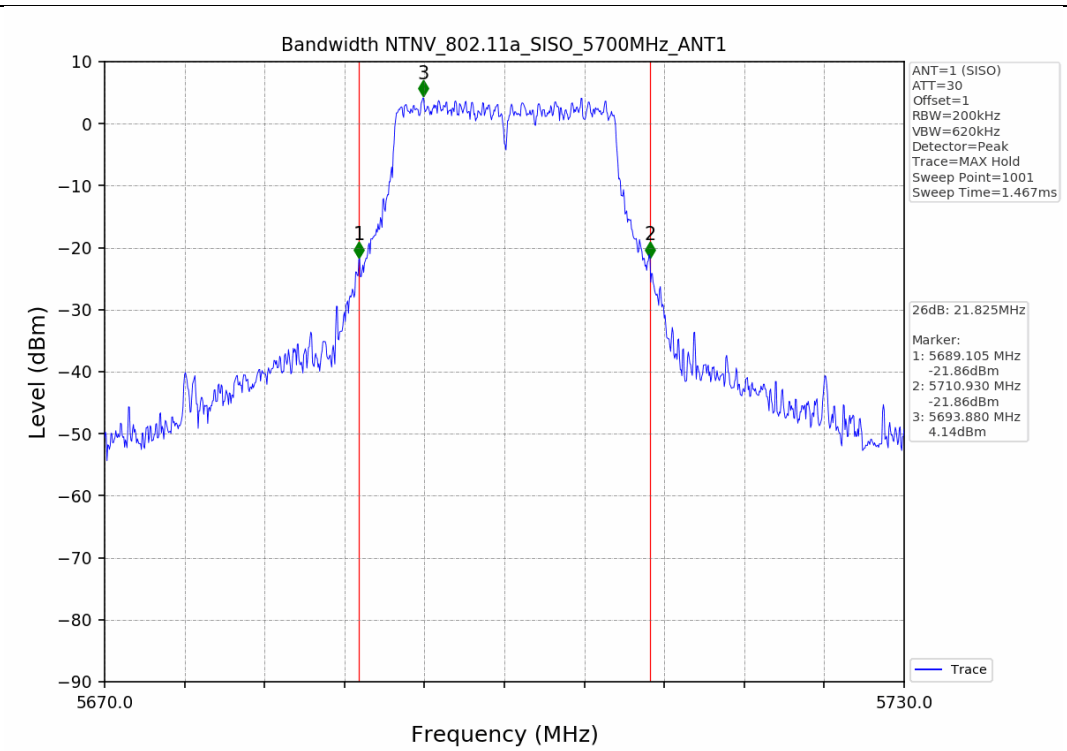

Bandwidth NTNV_802.11a_SISO_5300MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.106MHz
Marker:
1: 5289.299 MHz
-21.40dBm
2: 5310.405 MHz
-21.40dBm
3: 5304.680 MHz
4.60dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

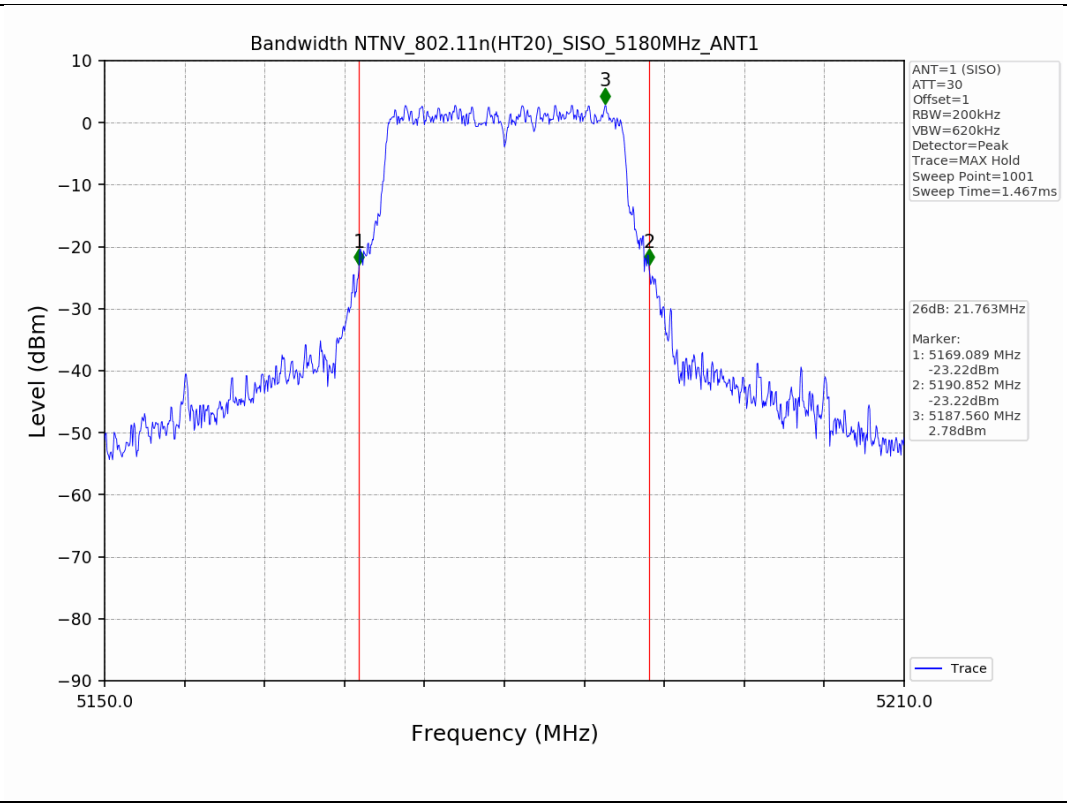

Bandwidth NTNV_802.11a_SISO_5320MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 20.783MHz
Marker:
1: 5309.511 MHz
-21.64dBm
2: 5330.294 MHz
-21.64dBm
3: 5323.660 MHz
4.36dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

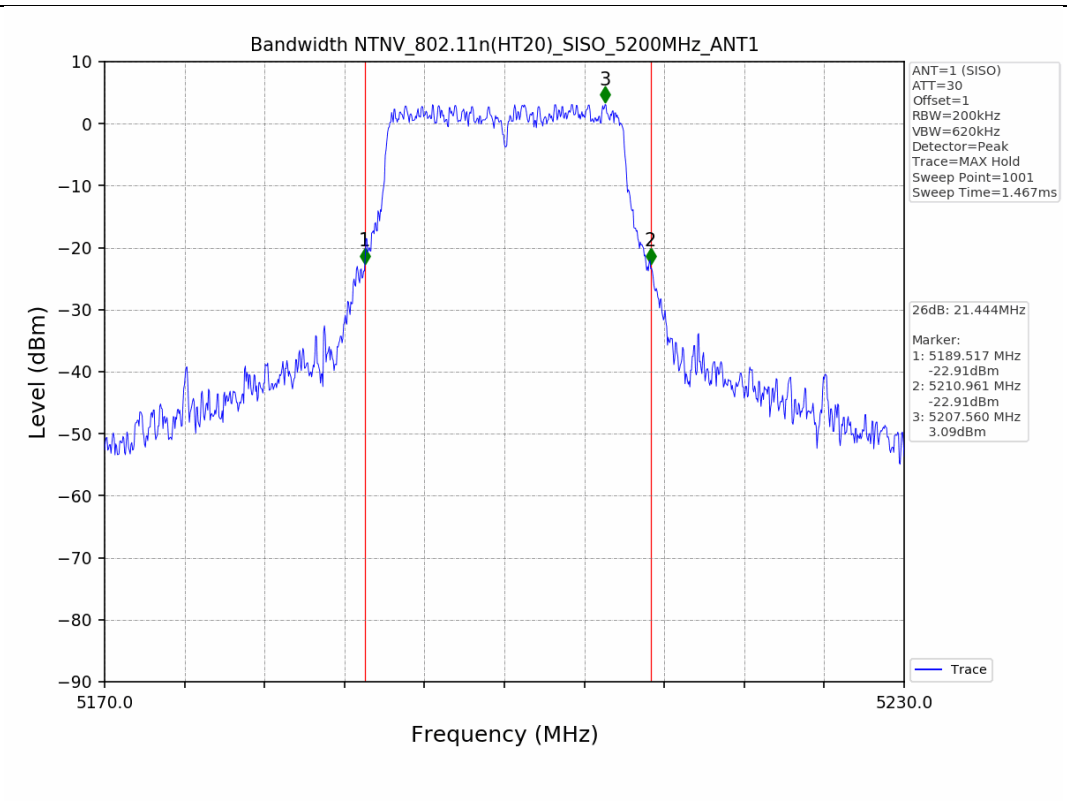

Bandwidth NTNV_802.11a_SISO_5500MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.695MHz
Marker:
1: 5489.122 MHz
-22.80dBm
2: 5510.817 MHz
-22.80dBm
3: 5492.560 MHz
3.20dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

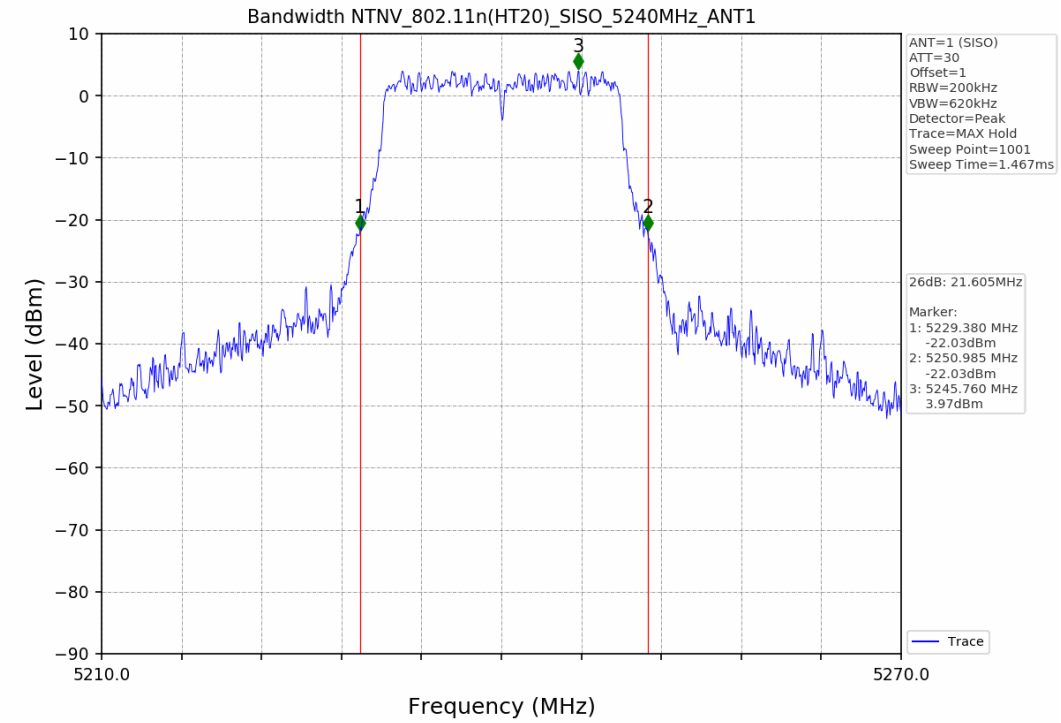

Bandwidth NTNV_802.11a_SISO_5580MHz_ANT1
ANT=1 (SISO)
ATT=40
Offset=1
RBW=390kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 37.290MHz
Marker:
1: 5561.377 MHz
-14.57dBm
2: 5598.667 MHz
-14.57dBm
3: 5575.080 MHz
11.43dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

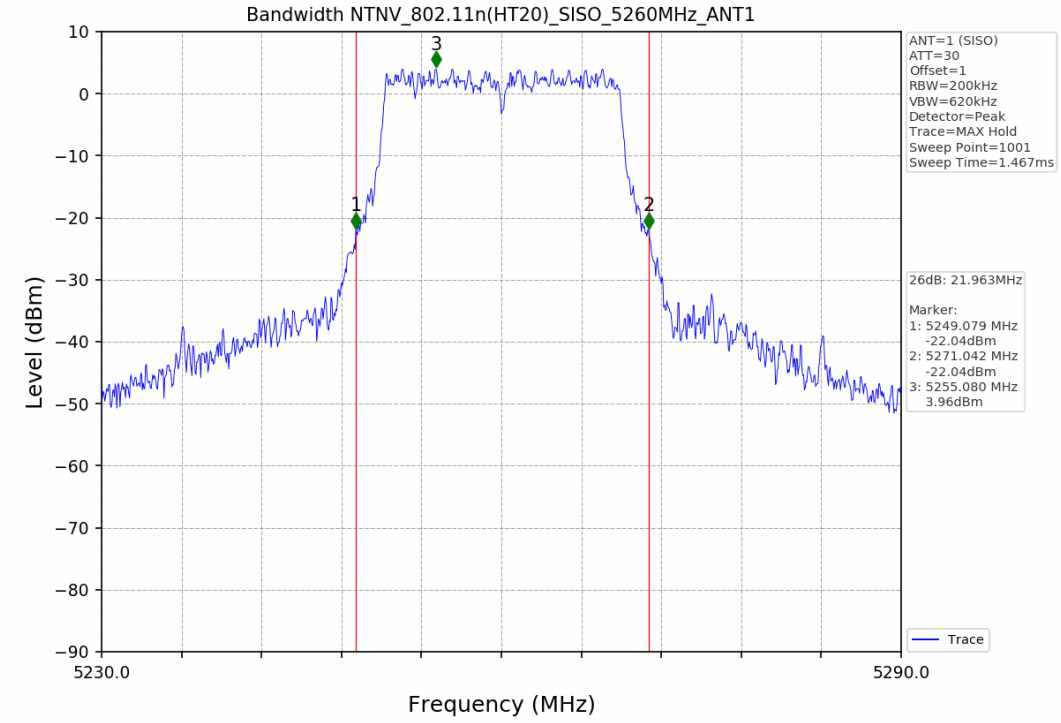

Bandwidth NTNV_802.11a_SISO_5600MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.341MHz
Marker:
1: 5589.304 MHz
-21.71dBm
2: 5610.645 MHz
-21.71dBm
3: 5604.740 MHz
4.29dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

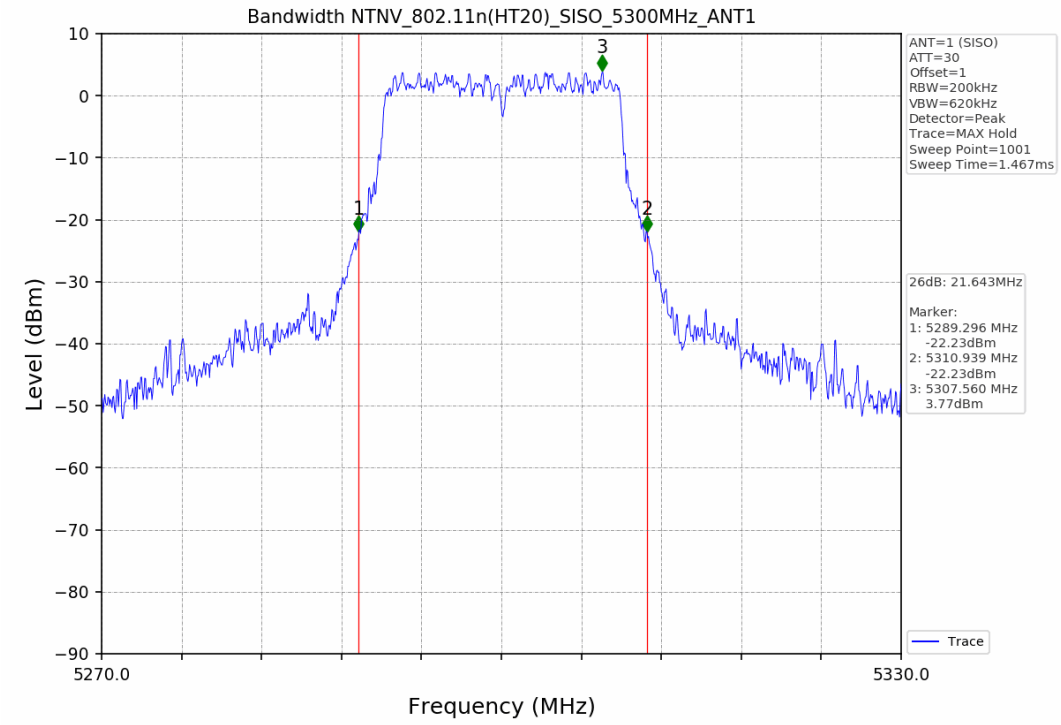

Bandwidth NTNV_802.11a_SISO_5700MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.825MHz
Marker:
1: 5689.105 MHz
-21.86dBm
2: 5710.930 MHz
-21.86dBm
3: 5693.880 MHz
4.14dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

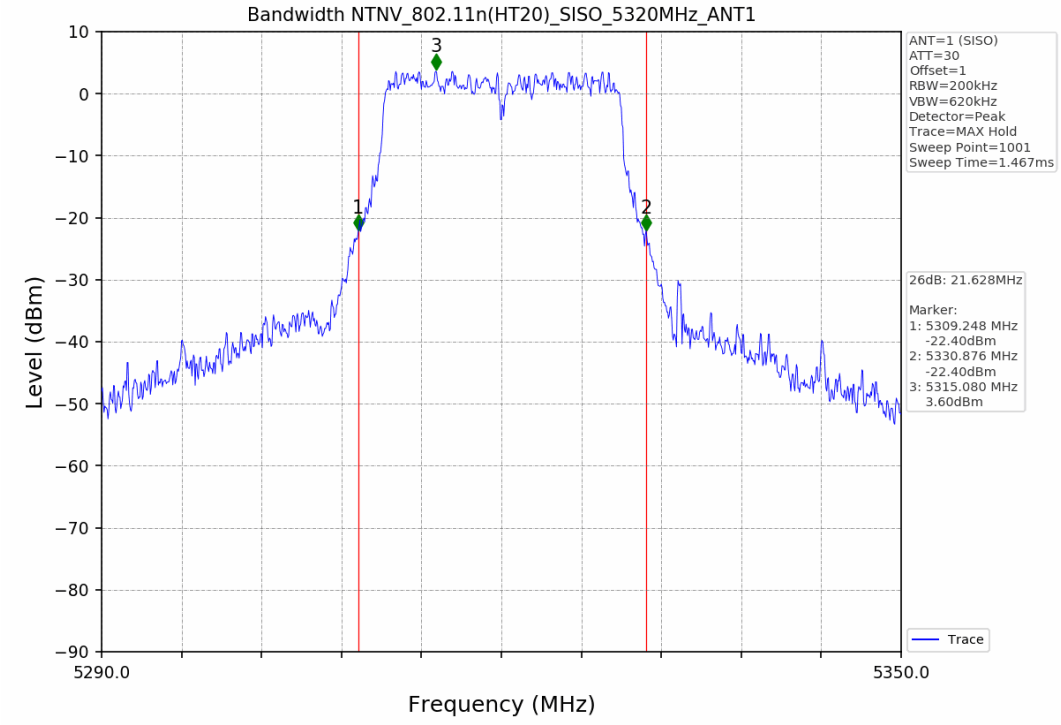

Bandwidth NTNV_802.11n(HT20)_SISO_5180MHz_ANT1
Level (dBm)
Frequency (MHz)
5150.0
5210.0
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.763MHz
Marker:
1: 5169.089 MHz
-23.22dBm
2: 5190.852 MHz
-23.22dBm
3: 5187.560 MHz
2.78dBm
Trace

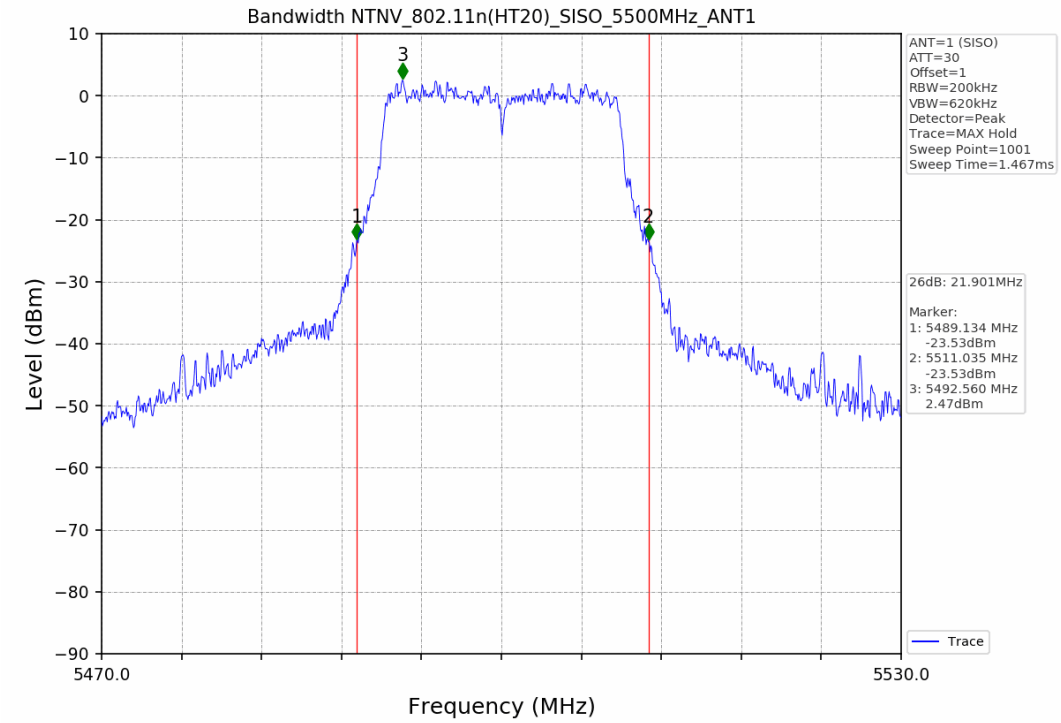

Bandwidth NTNV_802.11n(HT20)_SISO_5200MHz_ANT1
Level (dBm)
Frequency (MHz)
5170.0
5230.0
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.444MHz
Marker:
1: 5189.517 MHz
-22.91dBm
2: 5210.961 MHz
-22.91dBm
3: 5207.560 MHz
3.09dBm
Trace

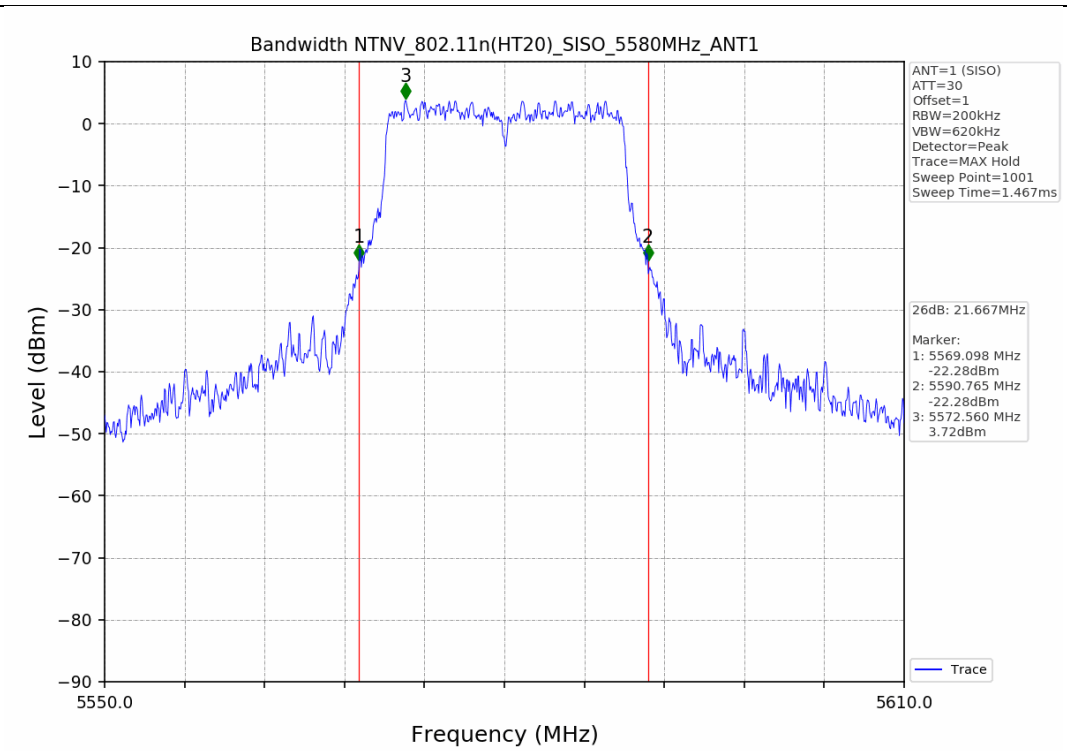

Bandwidth NTNV_802.11n(HT20)_SISO_5240MHz_ANT1
Level (dBm)
Frequency (MHz)
5210.0
5270.0
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.605MHz
Marker:
1: 5229.380 MHz
-22.03dBm
2: 5250.985 MHz
-22.03dBm
3: 5245.760 MHz
3.97dBm
Trace

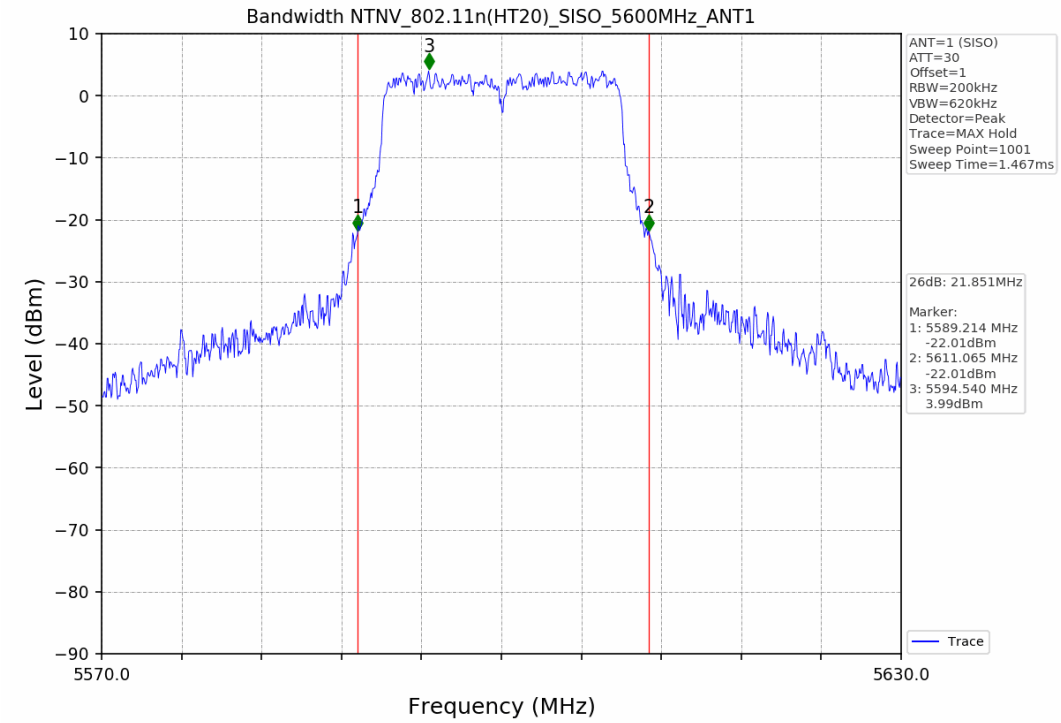

Bandwidth NTNV_802.11n(HT20)_SISO_5260MHz_ANT1
Level (dBm)
Frequency (MHz)
5230.0
5290.0
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.963MHz
Marker:
1: 5249.079 MHz
-22.04dBm
2: 5271.042 MHz
-22.04dBm
3: 5255.080 MHz
3.96dBm
Trace

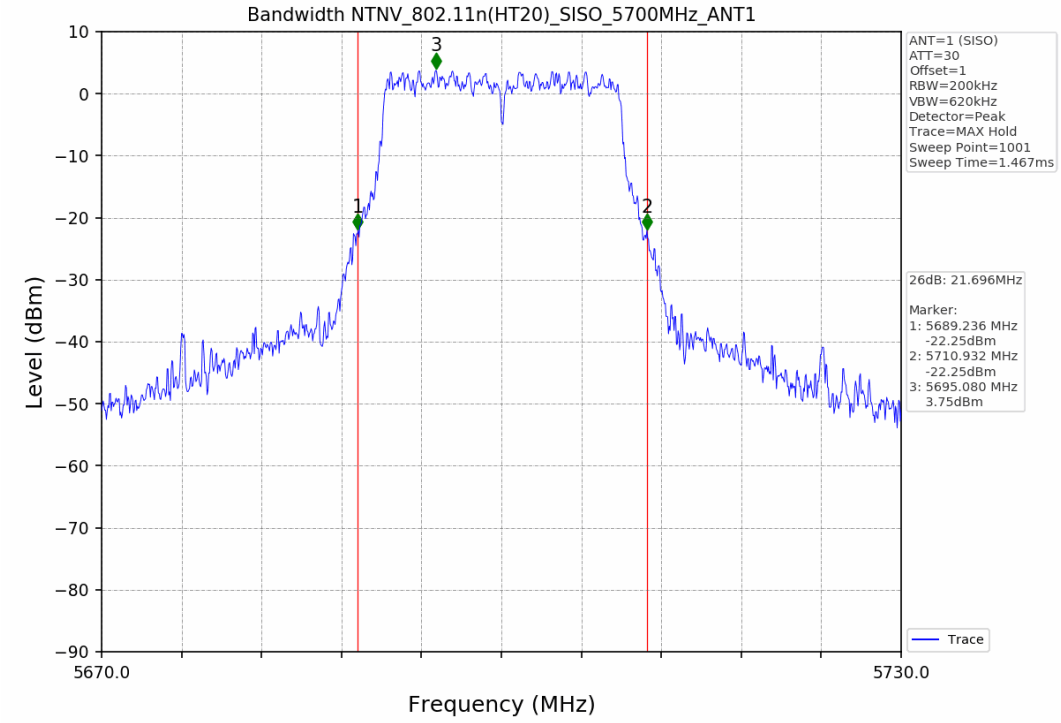

Bandwidth NTNV_802.11n(HT20)_SISO_5300MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.643MHz
Marker:
1: 5289.296 MHz
-22.23dBm
2: 5310.939 MHz
-22.23dBm
3: 5307.560 MHz
3.77dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

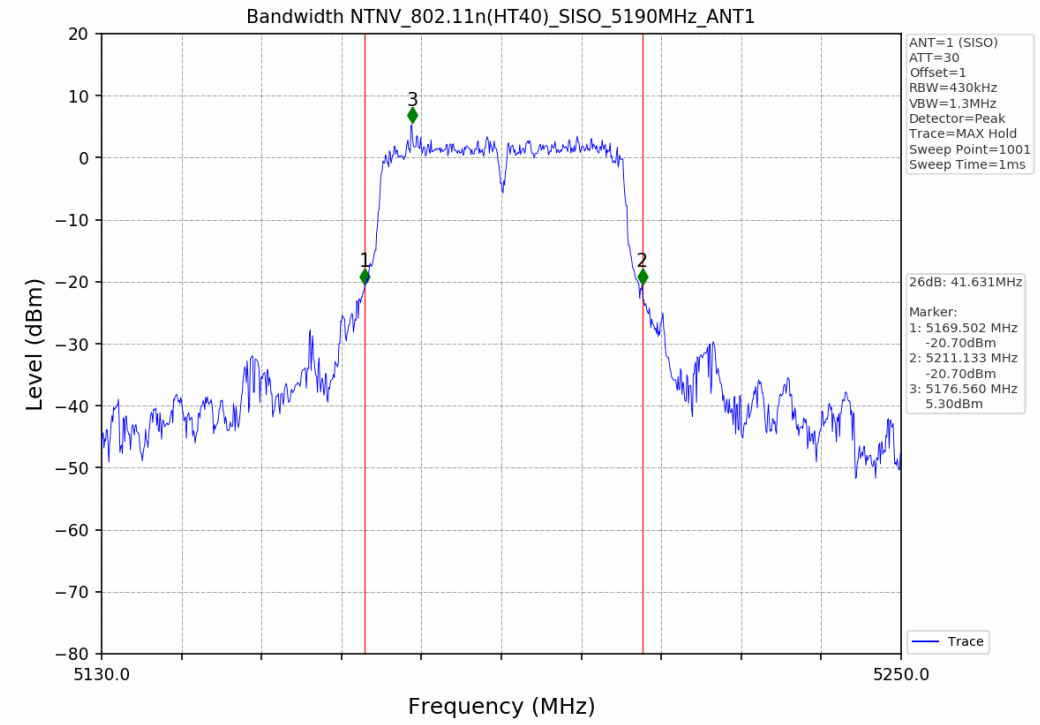

Bandwidth NTNV_802.11n(HT20)_SISO_5320MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.628MHz
Marker:
1: 5309.248 MHz
-22.40dBm
2: 5330.876 MHz
-22.40dBm
3: 5315.080 MHz
3.60dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

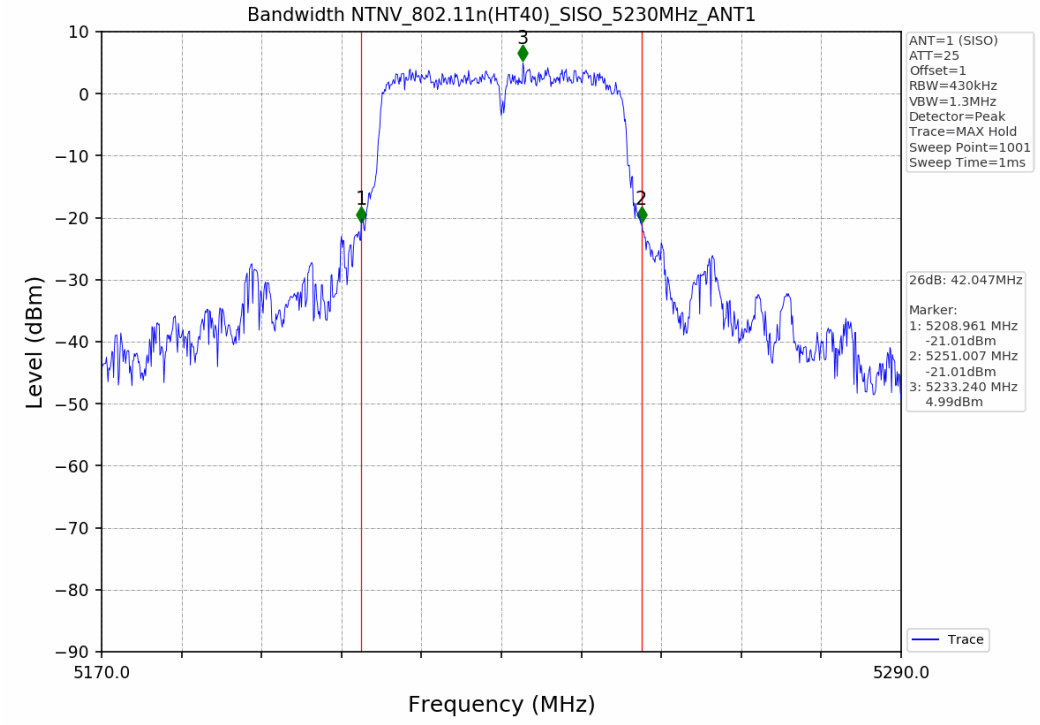

Bandwidth NTNV_802.11n(HT20)_SISO_5500MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.901MHz
Marker:
1: 5489.134 MHz
-23.53dBm
2: 5511.035 MHz
-23.53dBm
3: 5492.560 MHz
2.47dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

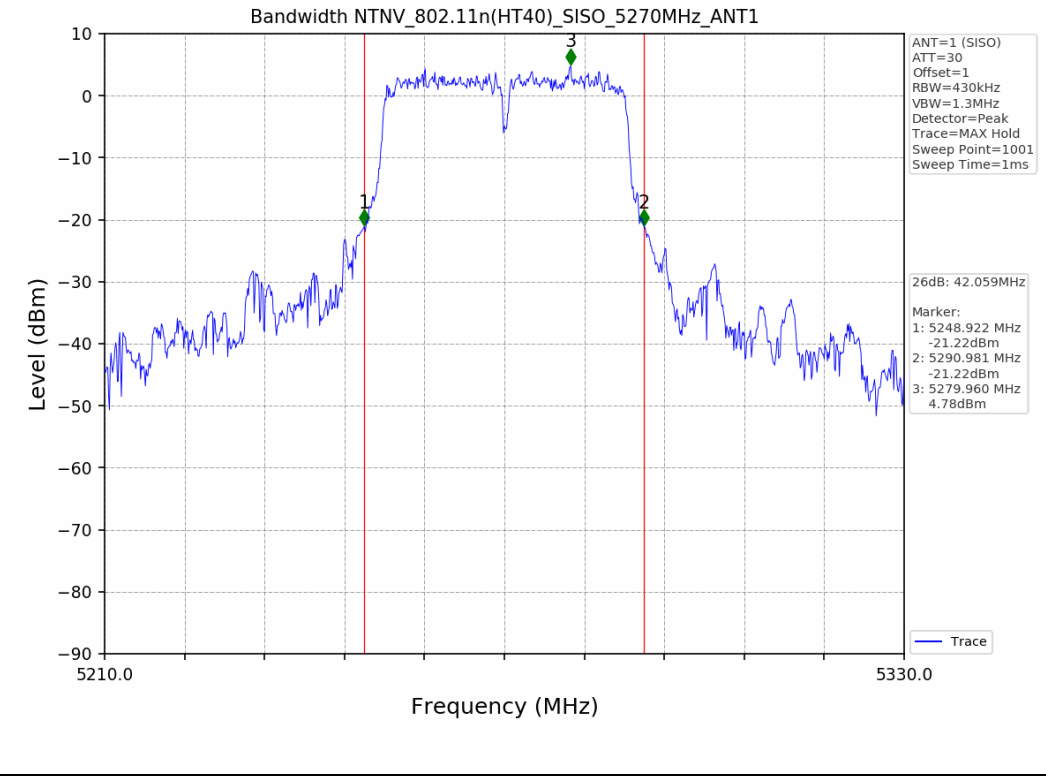

Bandwidth NTNV_802.11n(HT20)_SISO_5580MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.667MHz
Marker:
1: 5569.098 MHz
-22.28dBm
2: 5590.765 MHz
-22.28dBm
3: 5572.560 MHz
3.72dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

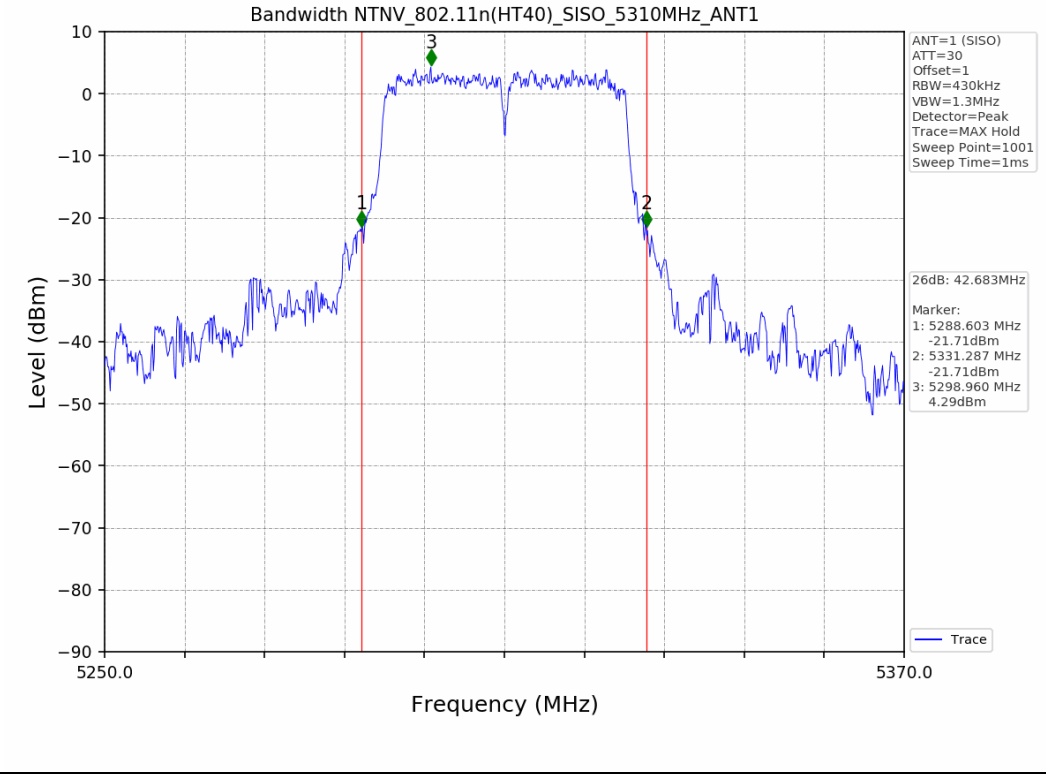

Bandwidth NTNV_802.11n(HT20)_SISO_5600MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.851MHz
Marker:
1: 5589.214 MHz
-22.01dBm
2: 5611.065 MHz
-22.01dBm
3: 5594.540 MHz
3.99dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

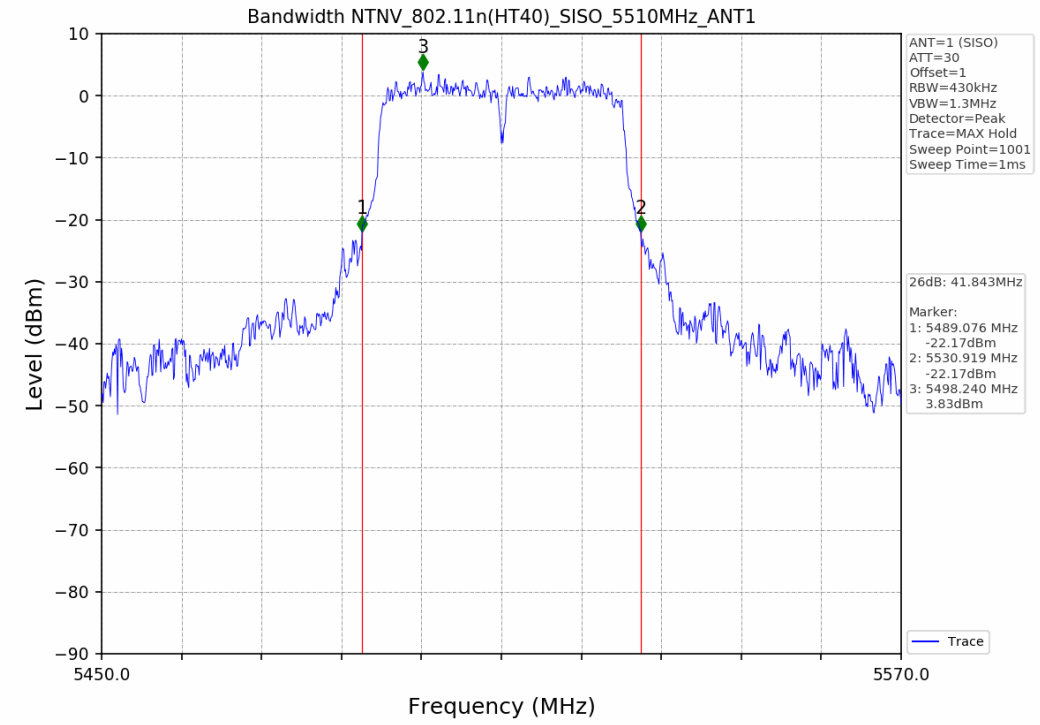

Bandwidth NTNV_802.11n(HT20)_SISO_5700MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=200kHz
VBW=620kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.467ms
26dB: 21.696MHz
Marker:
1: 5689.236 MHz
-22.25dBm
2: 5710.932 MHz
-22.25dBm
3: 5695.080 MHz
3.75dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

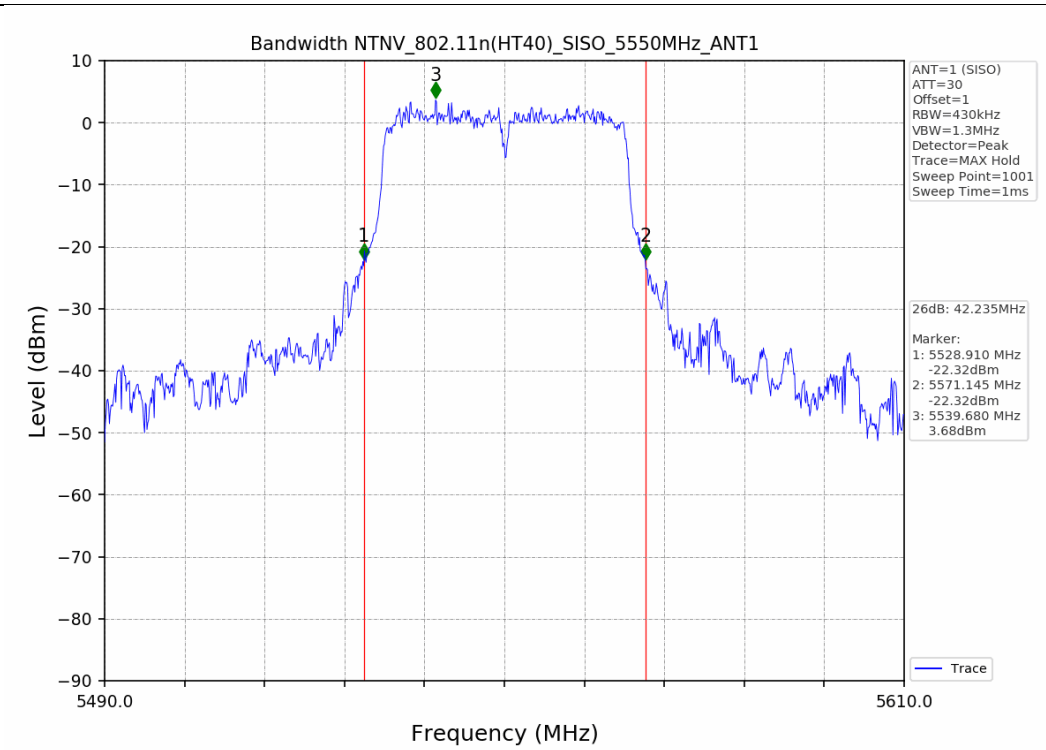

Bandwidth NTNV_802.11n(HT40)_SISO_5190MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 41.631MHz
Marker:
1: 5169.502 MHz
-20.70dBm
2: 5211.133 MHz
-20.70dBm
3: 5176.560 MHz
5.30dBm
Trace
Level (dBm)
Frequency (MHz)
5130.0
5250.0

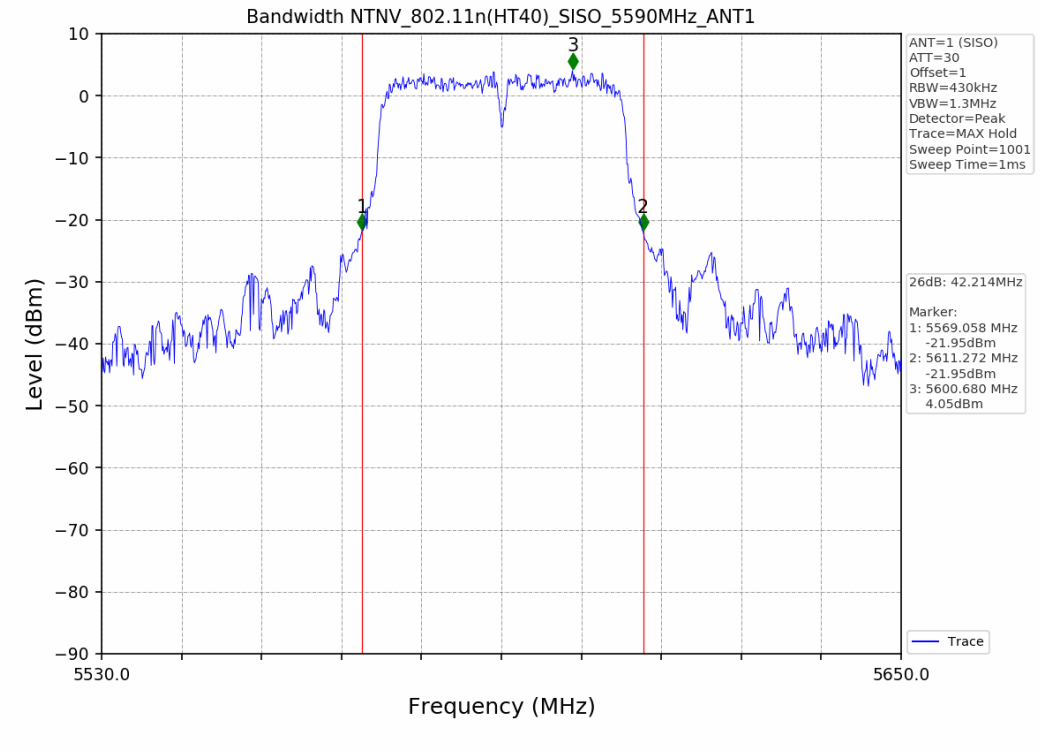

Bandwidth NTNV_802.11n(HT40)_SISO_5230MHz_ANT1
ANT=1 (SISO)
ATT=25
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.047MHz
Marker:
1: 5208.961 MHz
-21.01dBm
2: 5251.007 MHz
-21.01dBm
3: 5233.240 MHz
4.99dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5290.0

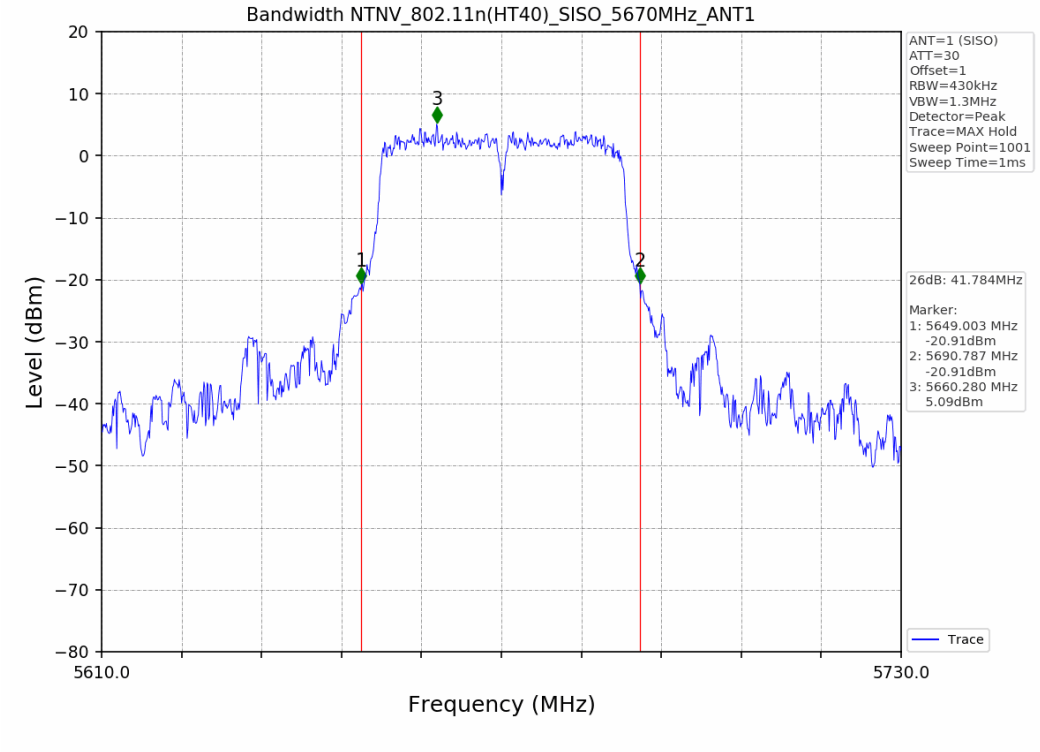

Bandwidth NTNV_802.11n(HT40)_SISO_5270MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.059MHz
Marker:
1: 5248.922 MHz
-21.22dBm
2: 5290.981 MHz
-21.22dBm
3: 5279.960 MHz
4.78dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5330.0

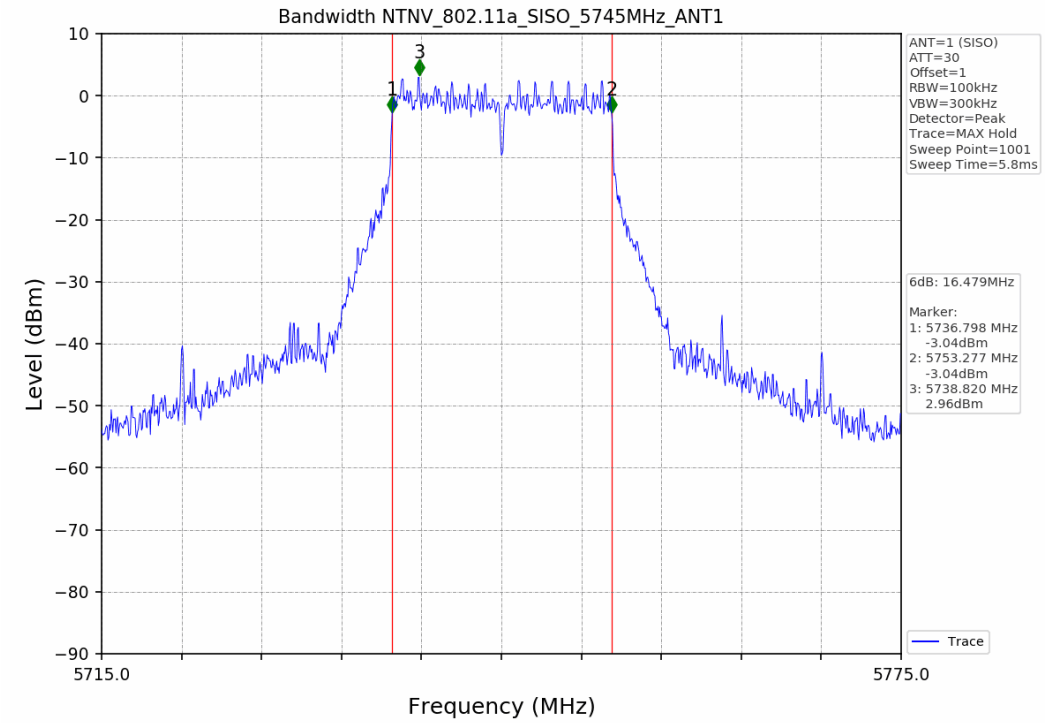

Bandwidth NTNV_802.11n(HT40)_SISO_5310MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.683MHz
Marker:
1: 5288.603 MHz
-21.71dBm
2: 5331.287 MHz
-21.71dBm
3: 5298.960 MHz
4.29dBm
Trace
Level (dBm)
Frequency (MHz)
5250.0
5370.0

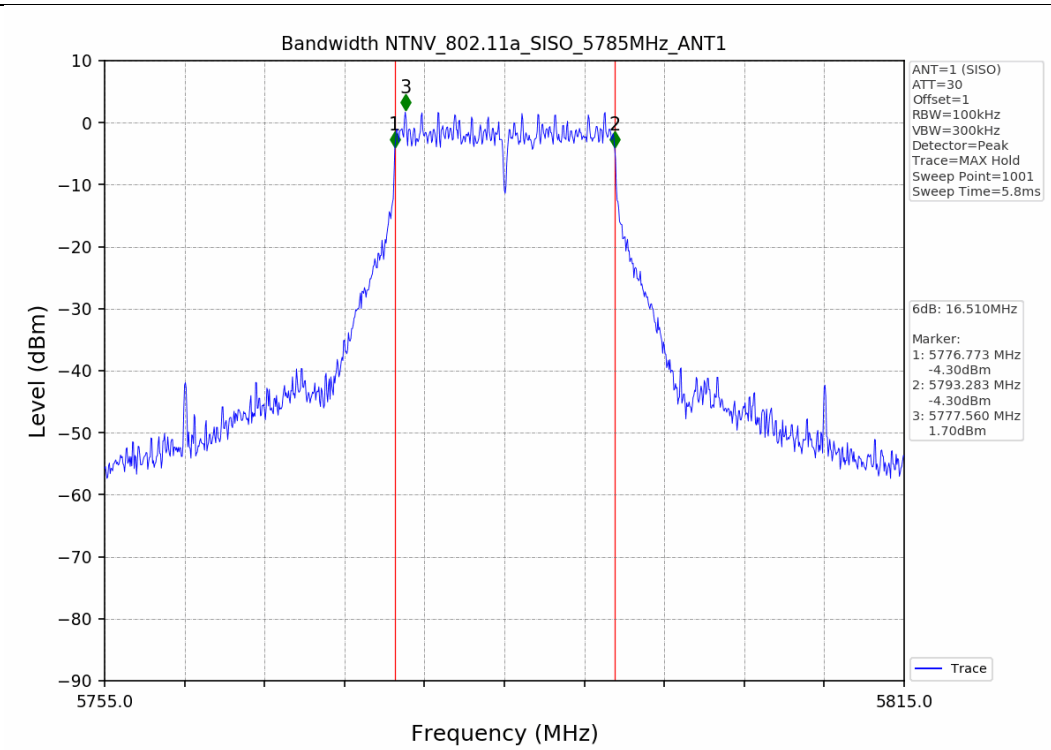

Bandwidth NTNV_802.11n(HT40)_SISO_5510MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 41.843MHz
Marker:
1: 5489.076 MHz
-22.17dBm
2: 5530.919 MHz
-22.17dBm
3: 5498.240 MHz
3.83dBm
Trace
Level (dBm)
Frequency (MHz)
5450.0
5570.0

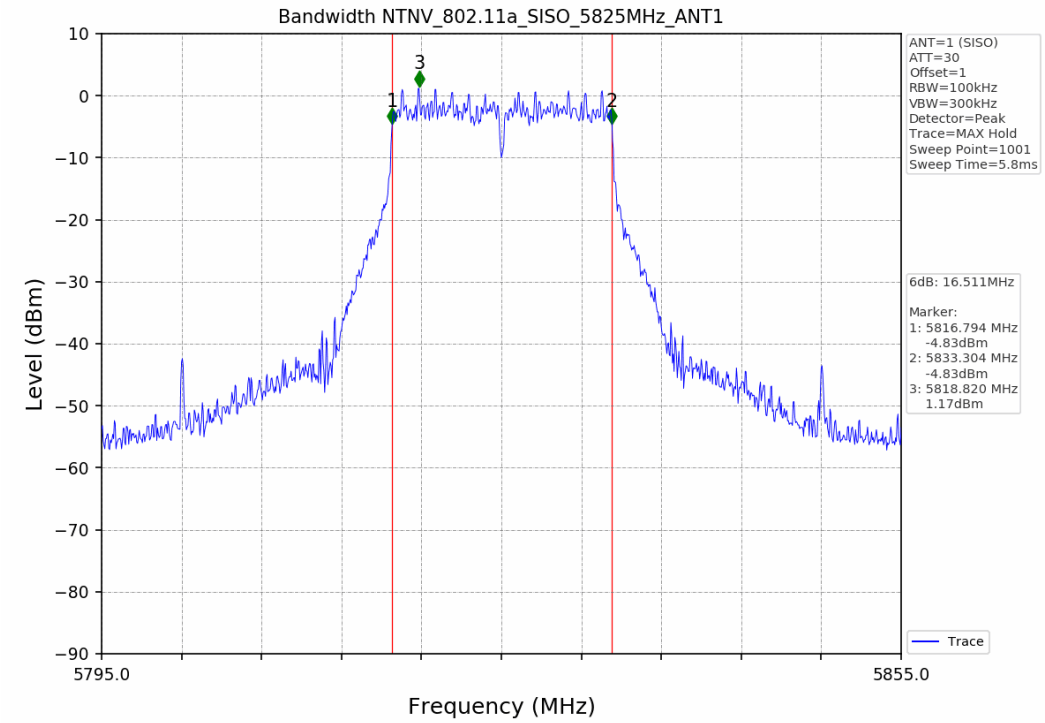

Bandwidth NTNV_802.11n(HT40)_SISO_5550MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.235MHz
Marker:
1: 5528.910 MHz
-22.32dBm
2: 5571.145 MHz
-22.32dBm
3: 5539.680 MHz
3.68dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5610.0

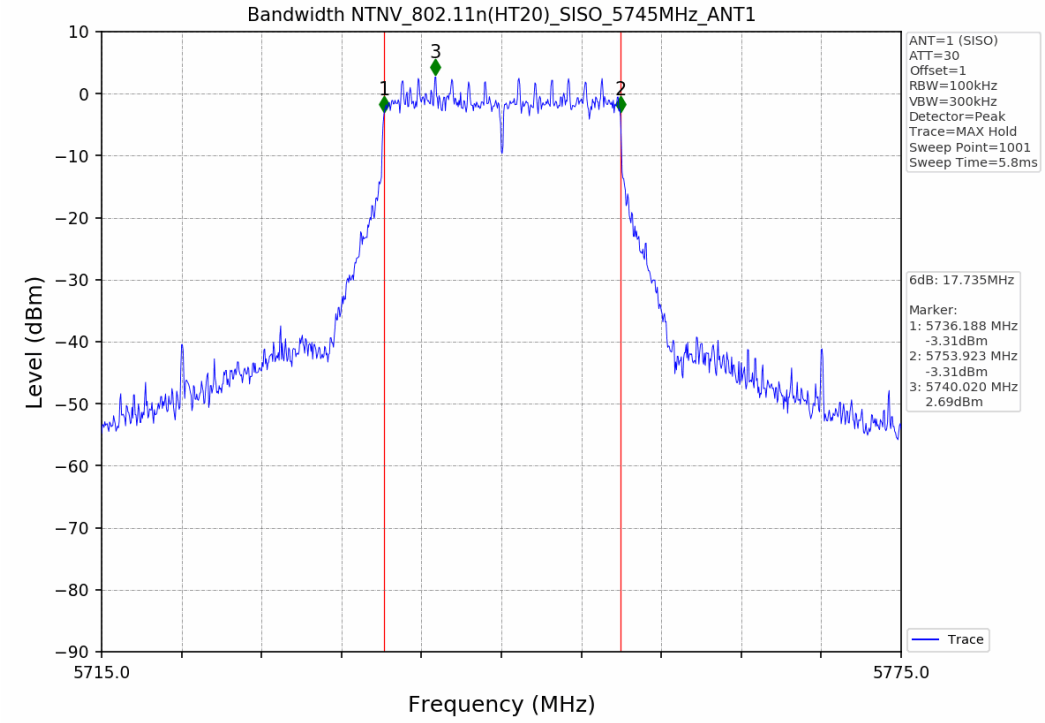

Bandwidth NTNV_802.11n(HT40)_SISO_5590MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 42.214MHz
Marker:
1: 5569.058 MHz
-21.95dBm
2: 5611.272 MHz
-21.95dBm
3: 5600.680 MHz
4.05dBm
Trace
Level (dBm)
Frequency (MHz)
5530.0
5650.0

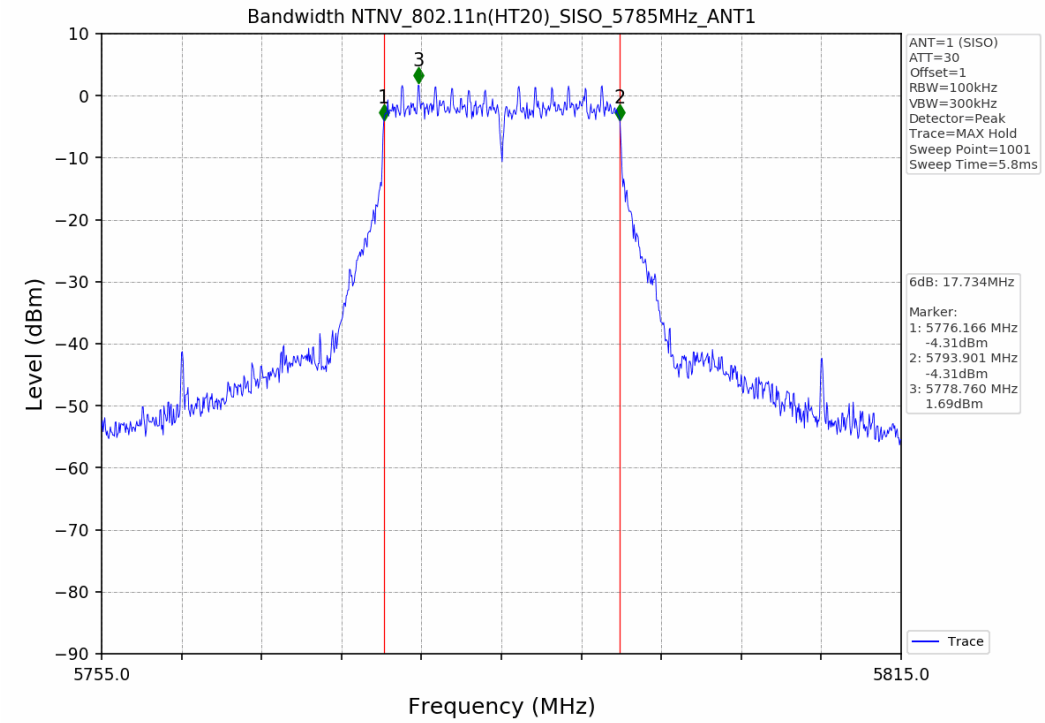

Bandwidth NTNV_802.11n(HT40)_SISO_5670MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=430kHz
VBW=1.3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 41.784MHz
Marker:
1: 5649.003 MHz
-20.91dBm
2: 5690.787 MHz
-20.91dBm
3: 5660.280 MHz
5.09dBm
Trace
Level (dBm)
Frequency (MHz)
5610.0
5730.0

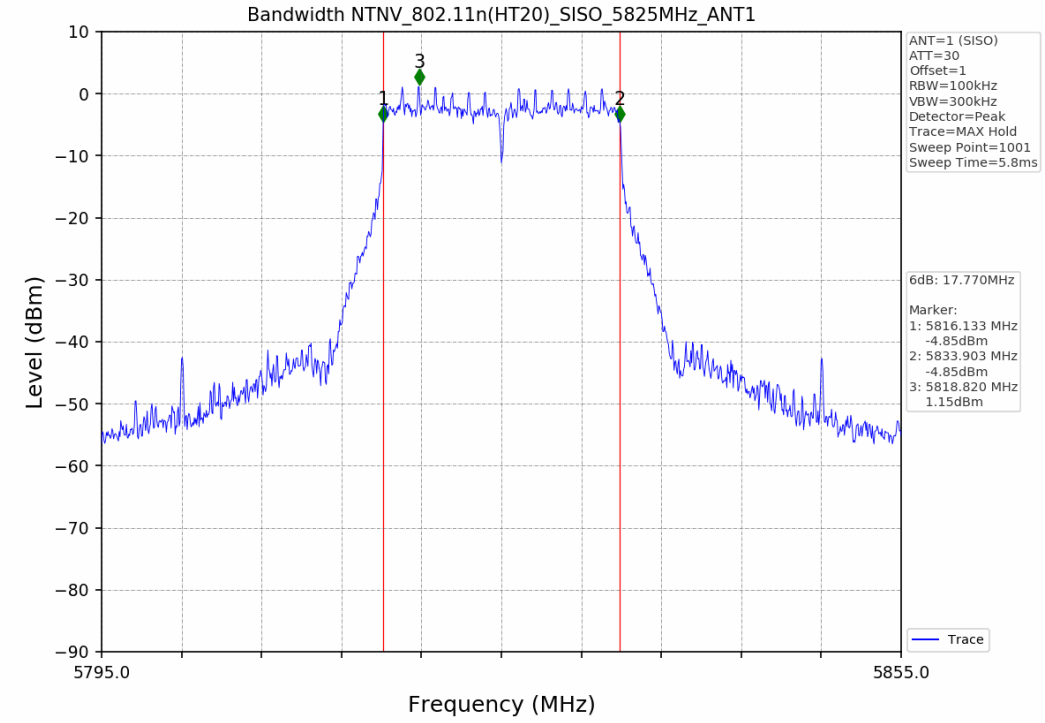

Bandwidth NTNV_802.11a_SISO_5745MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 16.479MHz
Marker:
1: 5736.798 MHz
-3.04dBm
2: 5753.277 MHz
-3.04dBm
3: 5738.820 MHz
2.96dBm
Trace
Level (dBm)
Frequency (MHz)
5715.0
5775.0

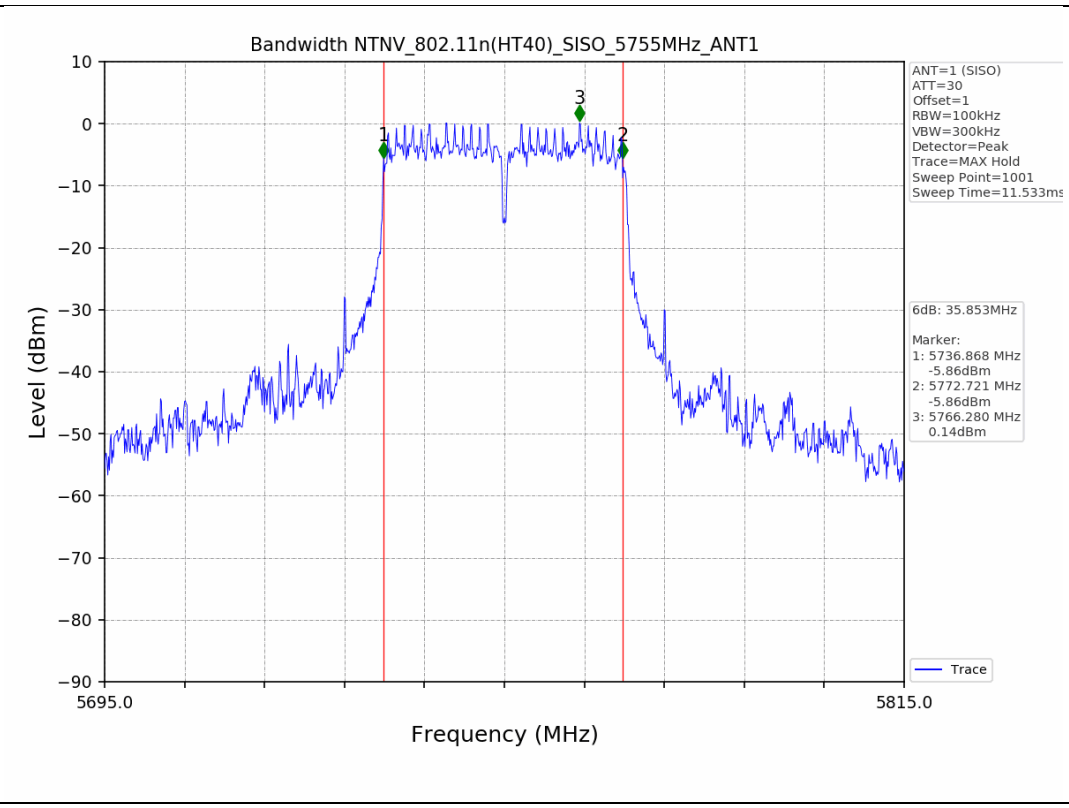

Bandwidth NTNV_802.11a_SISO_5785MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 16.510MHz
Marker:
1: 5776.773 MHz
-4.30dBm
2: 5793.283 MHz
-4.30dBm
3: 5777.560 MHz
1.70dBm
Trace
Level (dBm)
Frequency (MHz)
5755.0
5815.0

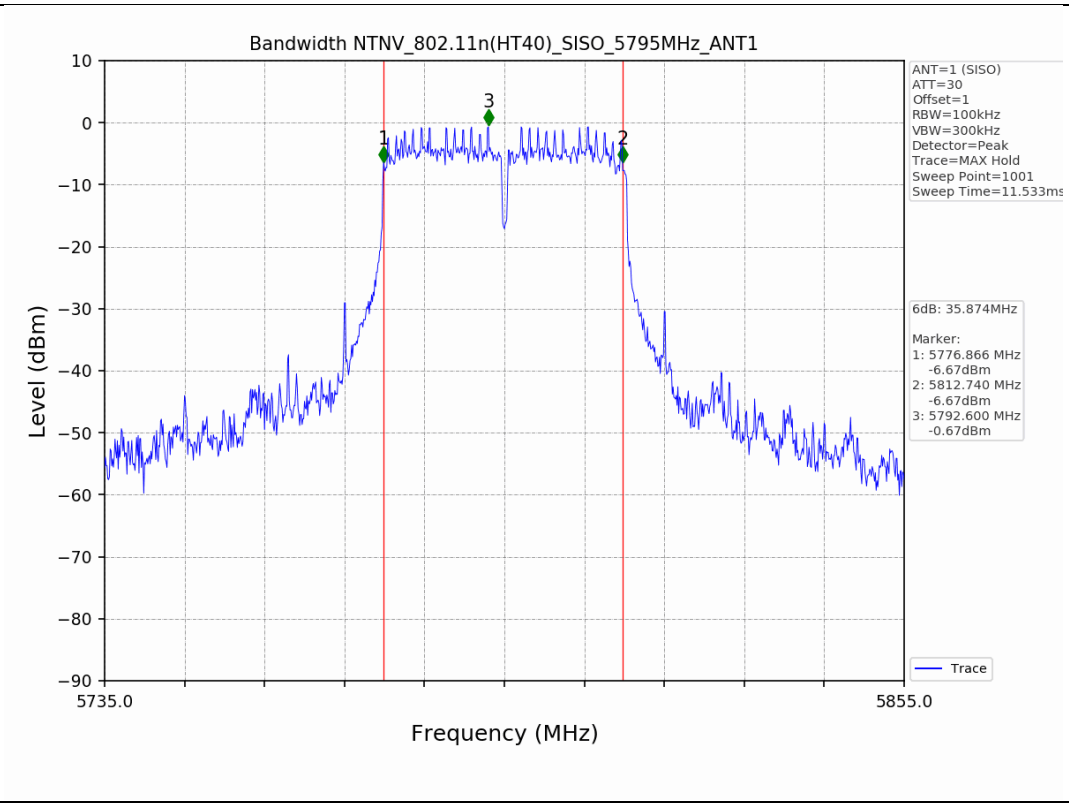

Bandwidth NTNV_802.11a_SISO_5825MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 16.511MHz
Marker:
1: 5816.794 MHz
-4.83dBm
2: 5833.304 MHz
-4.83dBm
3: 5818.820 MHz
1.17dBm
Trace
Level (dBm)
Frequency (MHz)
5795.0
5855.0


Bandwidth NTNV_802.11n(HT20)_SISO_5745MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 17.735MHz
Marker:
1: 5736.188 MHz
-3.31dBm
2: 5753.923 MHz
-3.31dBm
3: 5740.020 MHz
2.69dBm
Trace
Level (dBm)
Frequency (MHz)
5715.0
5775.0

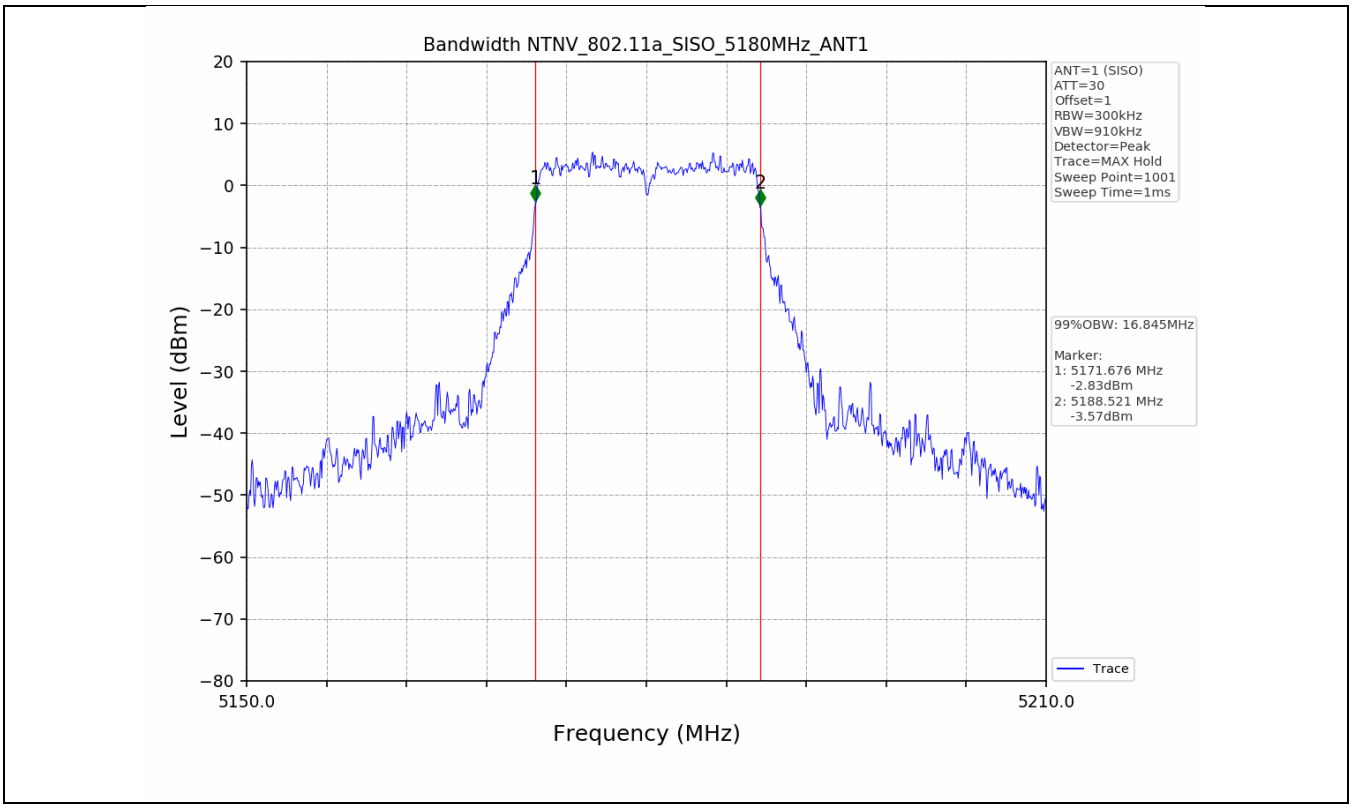

Bandwidth NTNV_802.11n(HT20)_SISO_5785MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 17.734MHz
Marker:
1: 5776.166 MHz
-4.31dBm
2: 5793.901 MHz
-4.31dBm
3: 5778.760 MHz
1.69dBm
Trace
Level (dBm)
Frequency (MHz)
5755.0
5815.0

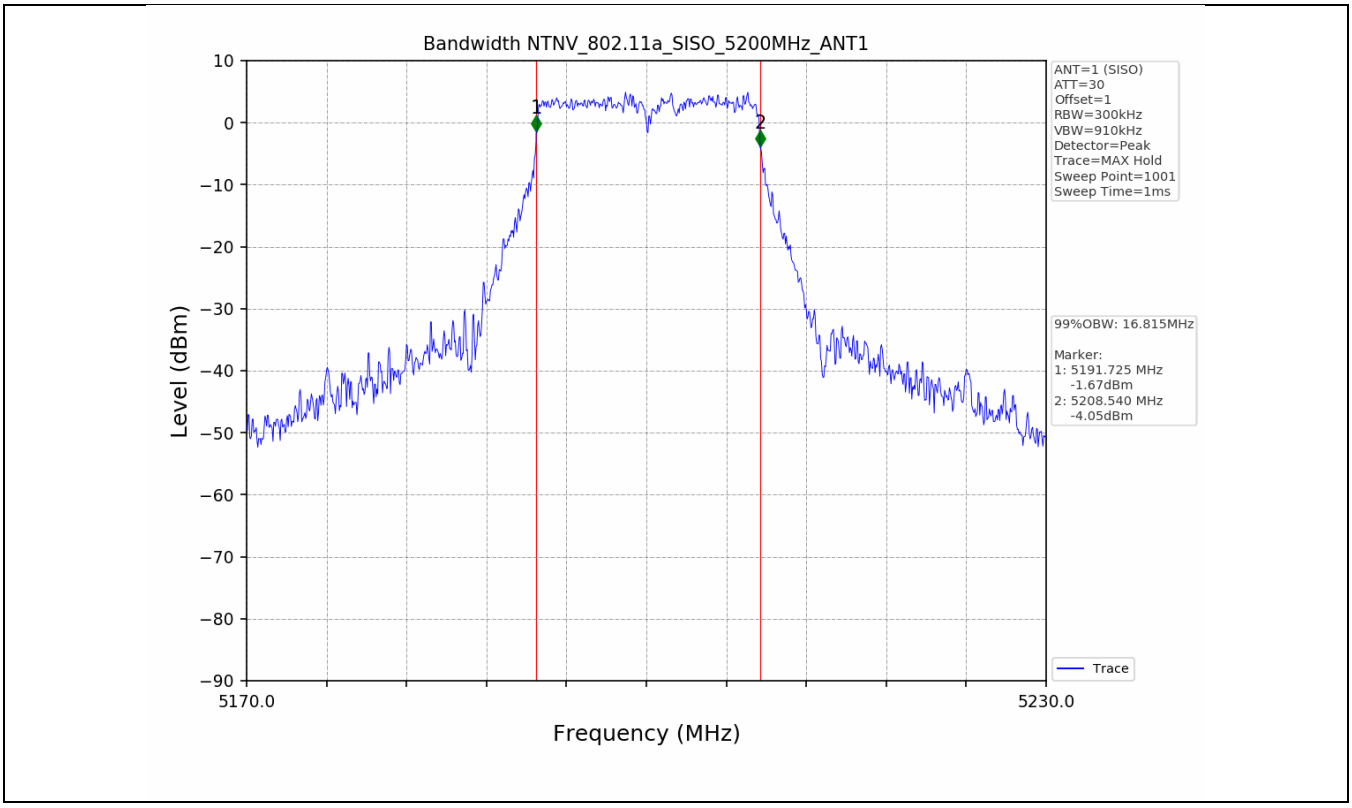

Bandwidth NTNV_802.11n(HT20)_SISO_5825MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=5.8ms
6dB: 17.770MHz
Marker:
1: 5816.133 MHz
-4.85dBm
2: 5833.903 MHz
-4.85dBm
3: 5818.820 MHz
1.15dBm
Trace
Level (dBm)
Frequency (MHz)
5795.0
5855.0

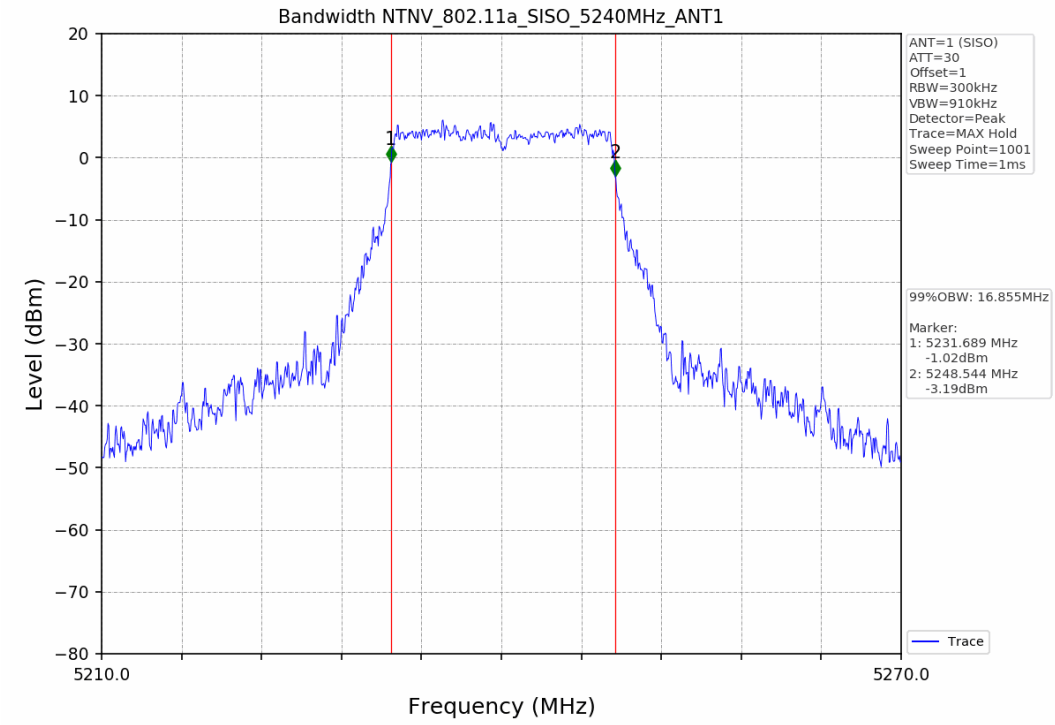

Bandwidth NTNV_802.11n(HT40)_SISO_5755MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=11.533ms
6dB: 35.853MHz
Marker:
1: 5736.868 MHz
-5.86dBm
2: 5772.721 MHz
-5.86dBm
3: 5766.280 MHz
0.14dBm
Trace
Level (dBm)
Frequency (MHz)
5695.0
5815.0

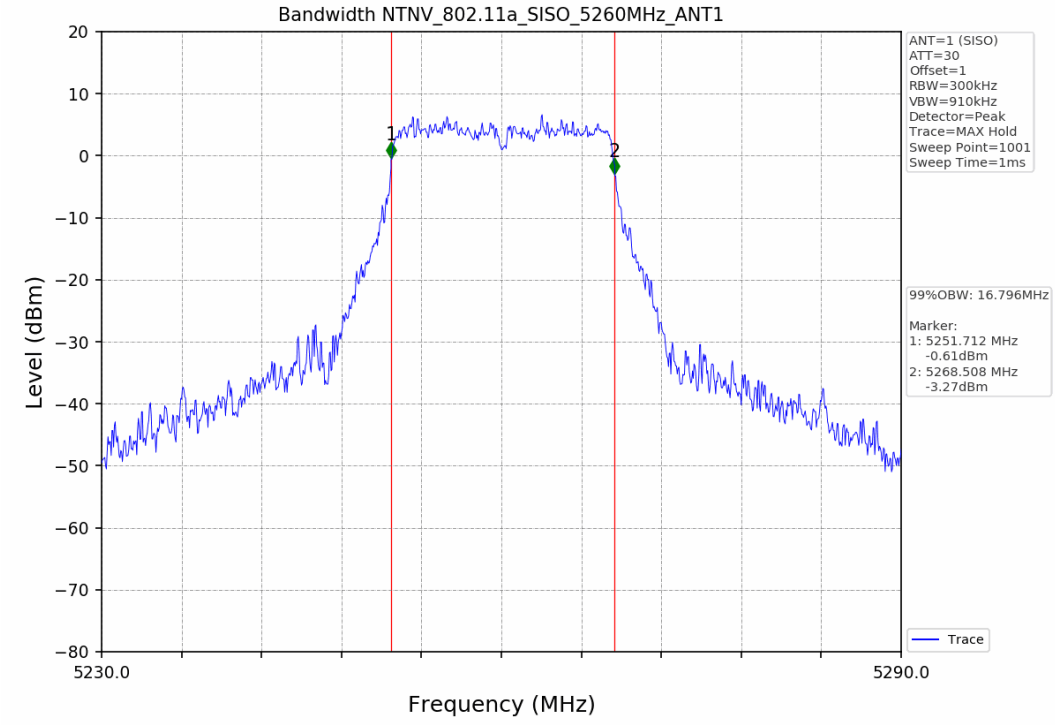

Bandwidth NTNV_802.11n(HT40)_SISO_5795MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=11.533ms
6dB: 35.874MHz
Marker:
1: 5776.866 MHz
-6.67dBm
2: 5812.740 MHz
-6.67dBm
3: 5792.600 MHz
-0.67dBm
Trace
Level (dBm)
Frequency (MHz)
5735.0
5855.0

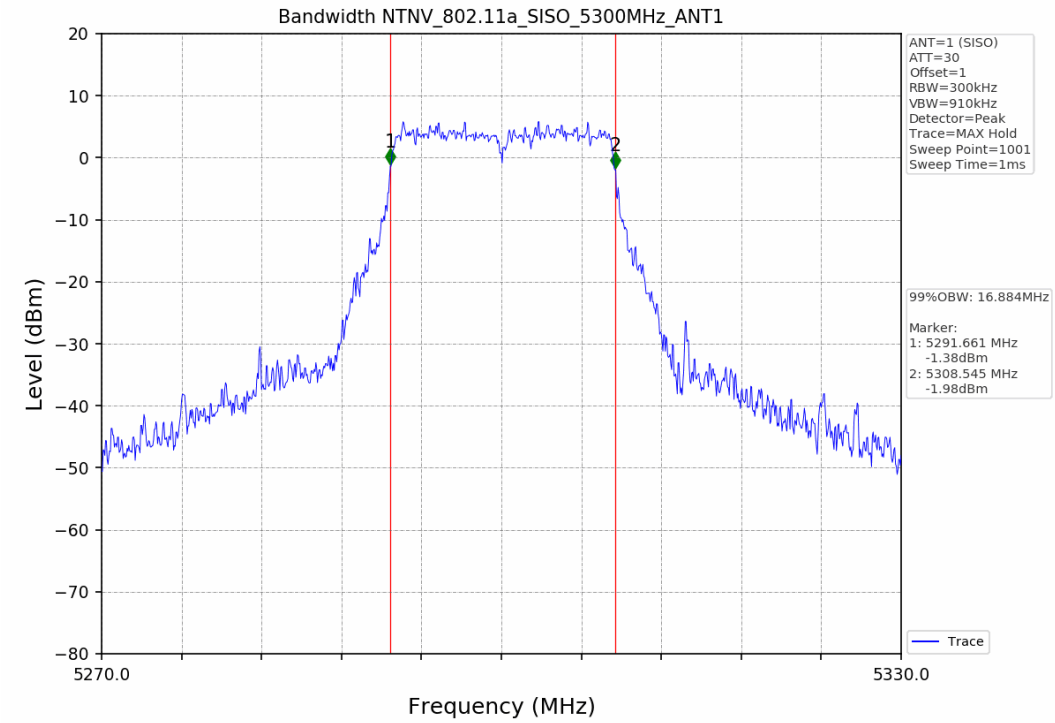
1.3 Test Graph - 99% Occupied Bandwidth

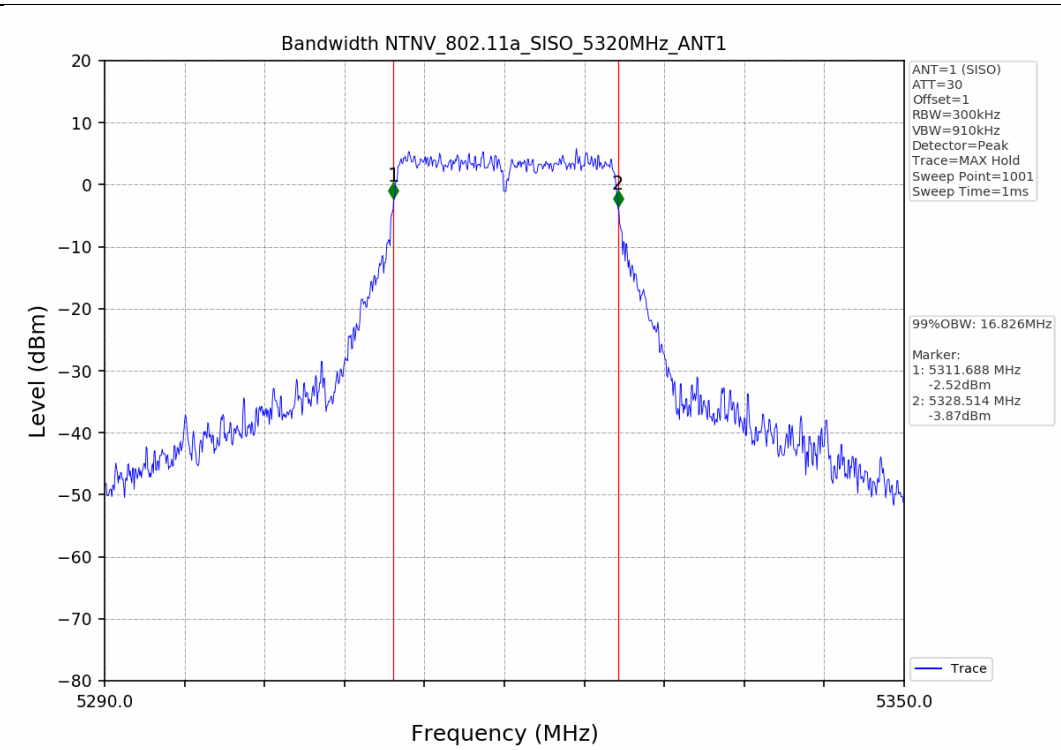


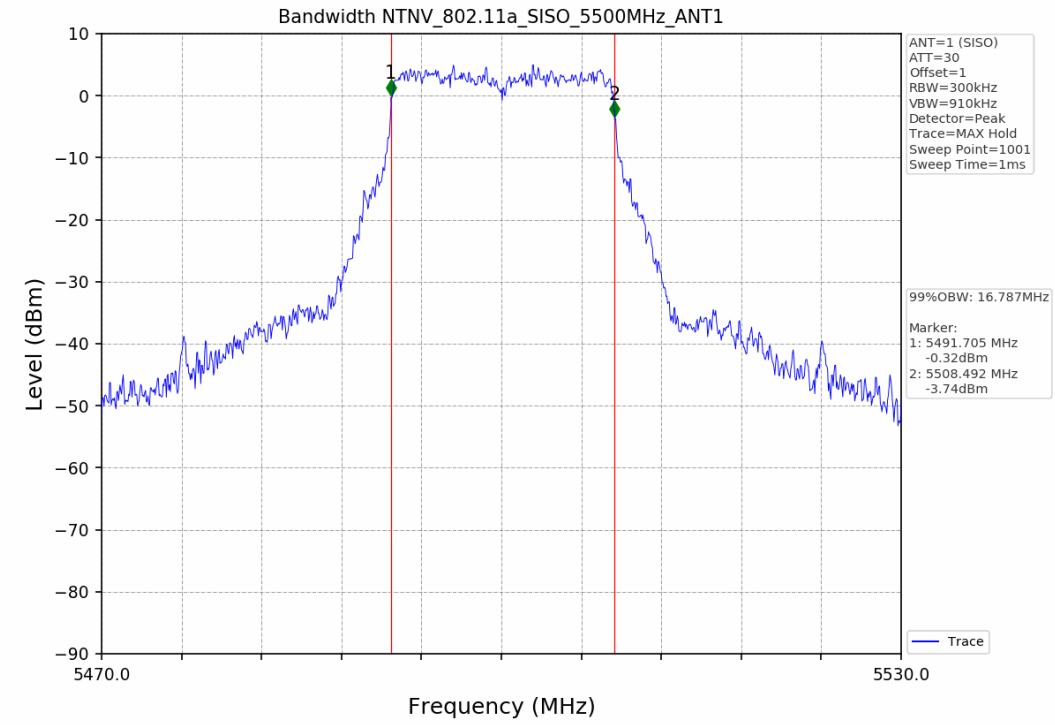


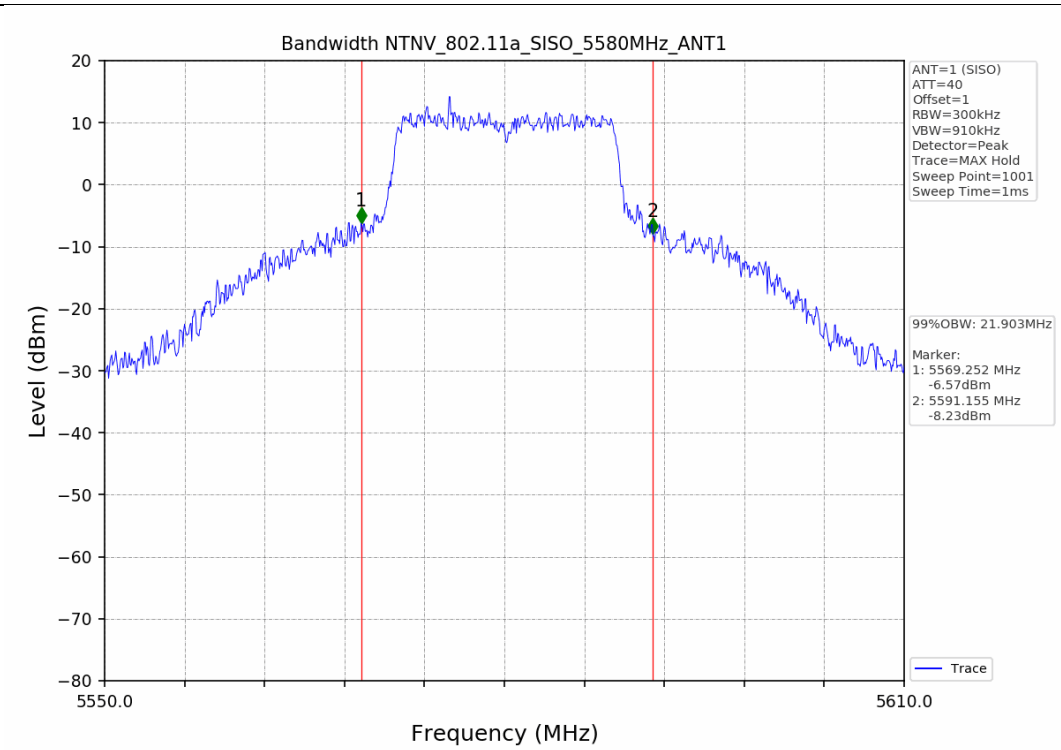

Bandwidth NTNV_802.11a_SISO_5240MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.855MHz
Marker:
1: 5231.689 MHz
-1.02dBm
2: 5248.544 MHz
-3.19dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5270.0

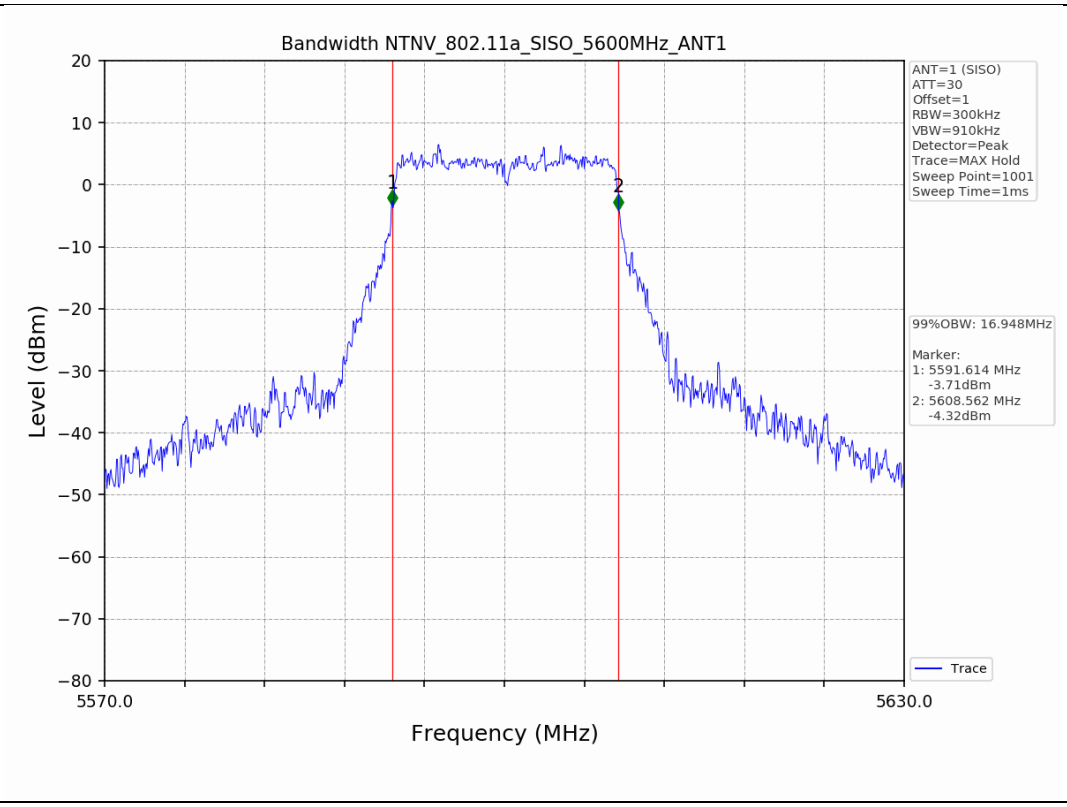

Bandwidth NTNV_802.11a_SISO_5260MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.796MHz
Marker:
1: 5251.712 MHz
-0.61dBm
2: 5268.508 MHz
-3.27dBm
Trace
Level (dBm)
Frequency (MHz)
5230.0
5290.0

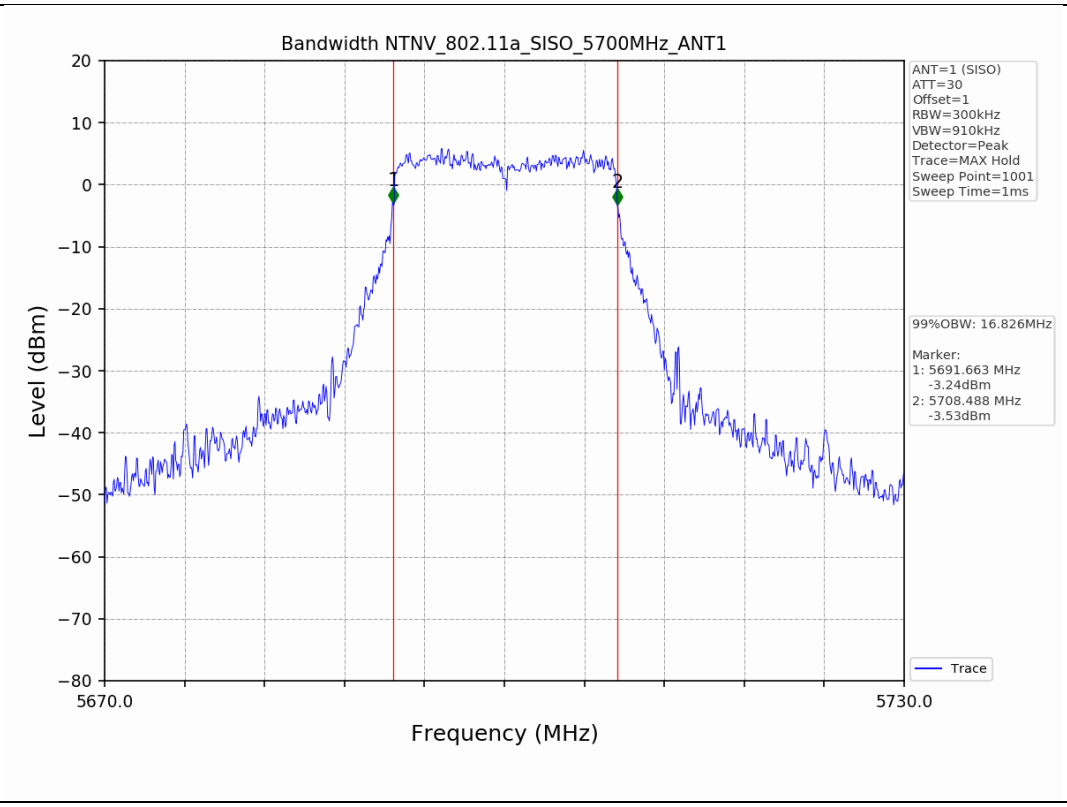

Bandwidth NTNV_802.11a_SISO_5300MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.884MHz
Marker:
1: 5291.661 MHz
-1.38dBm
2: 5308.545 MHz
-1.98dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

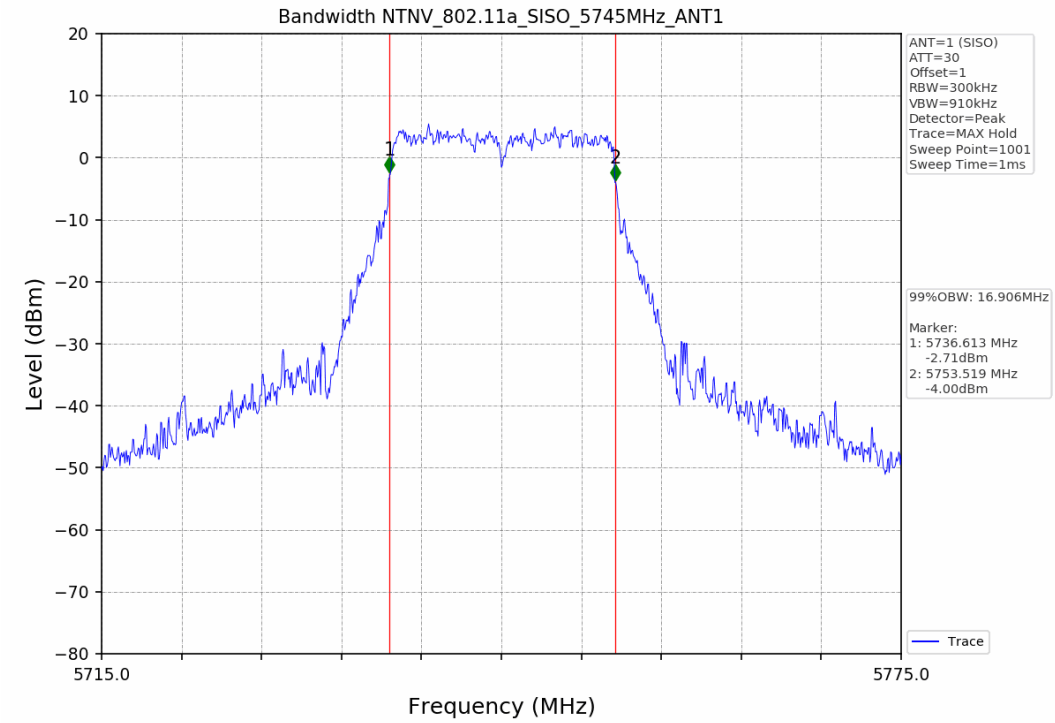

Bandwidth NTNV_802.11a_SISO_5320MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.826MHz
Marker:
1: 5311.688 MHz
-2.52dBm
2: 5328.514 MHz
-3.87dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

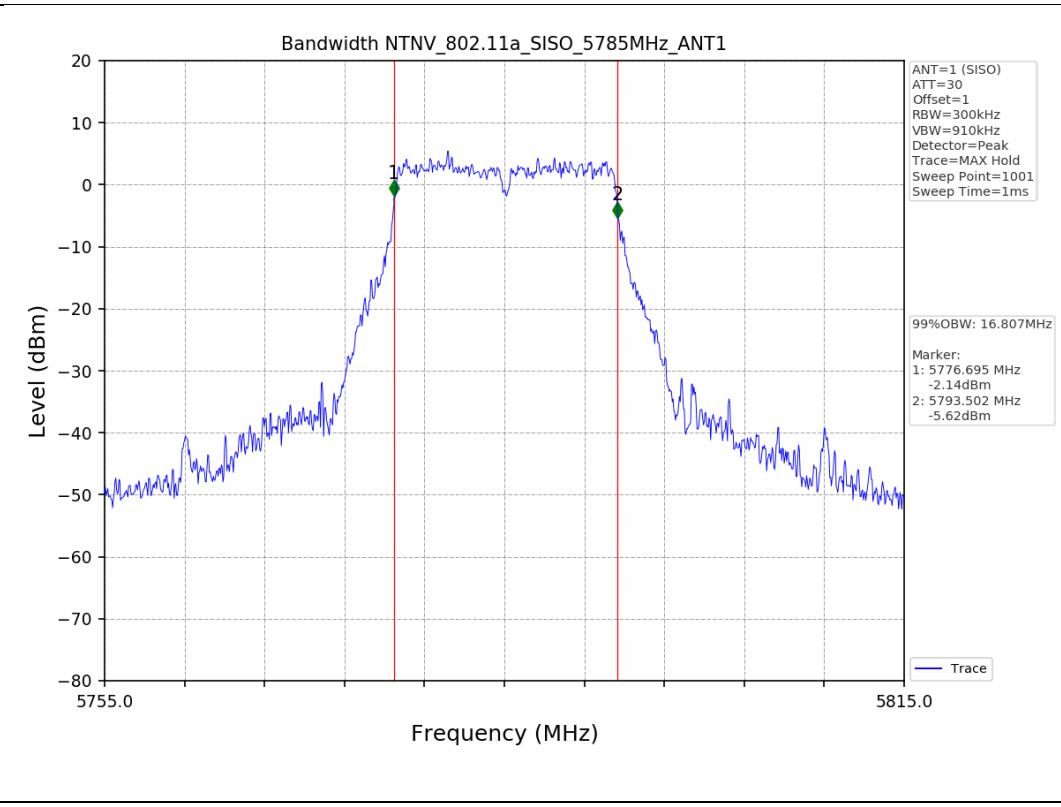

Bandwidth NTNV_802.11a_SISO_5500MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.787MHz
Marker:
1: 5491.705 MHz
-0.32dBm
2: 5508.492 MHz
-3.74dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

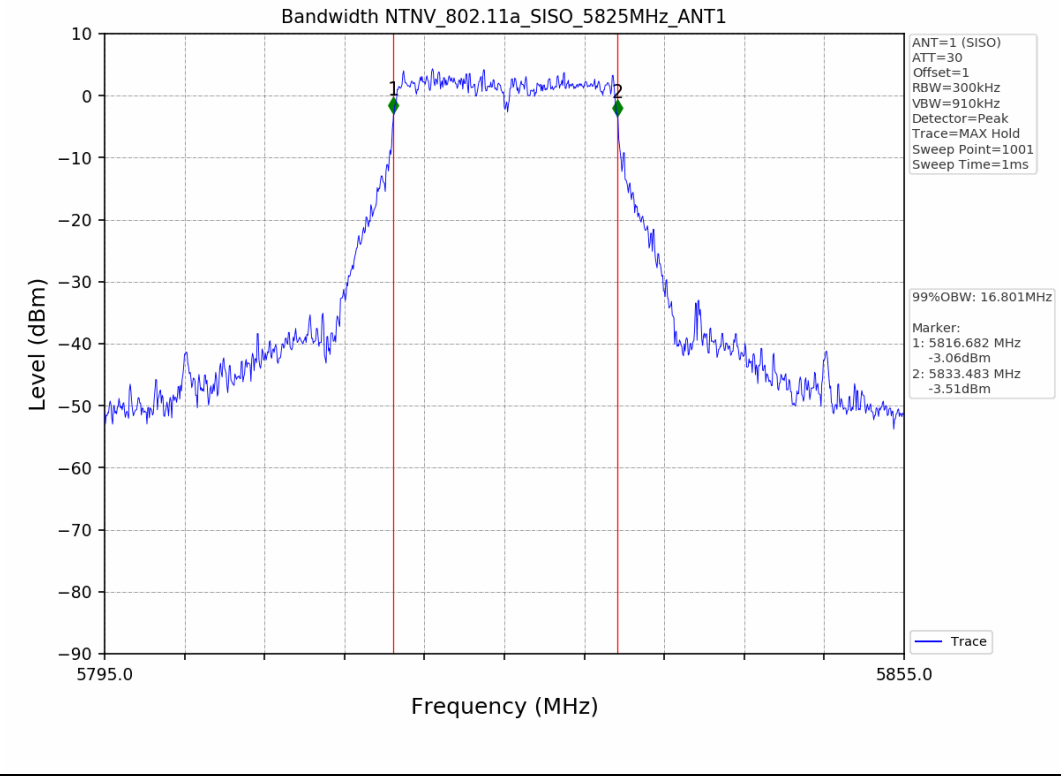

Bandwidth NTNV_802.11a_SISO_5580MHz_ANT1
ANT=1 (SISO)
ATT=40
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 21.903MHz
Marker:
1: 5569.252 MHz
-6.57dBm
2: 5591.155 MHz
-8.23dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

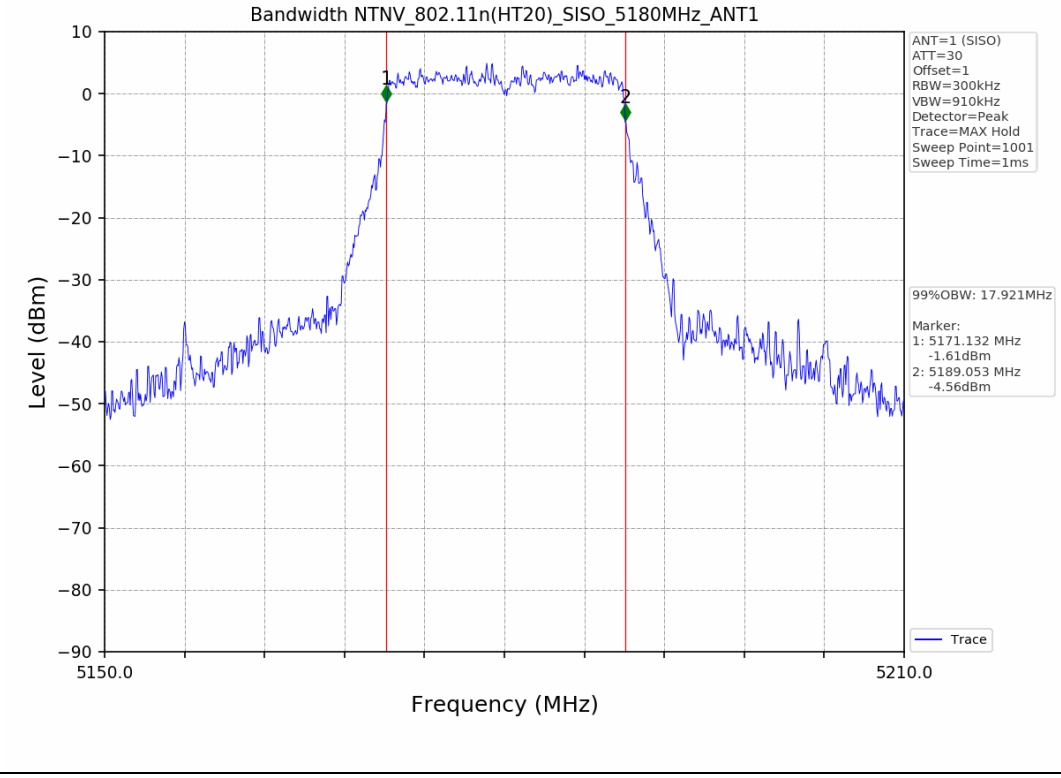

Bandwidth NTNV_802.11a_SISO_5600MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.948MHz
Marker:
1: 5591.614 MHz
-3.71dBm
2: 5608.562 MHz
-4.32dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

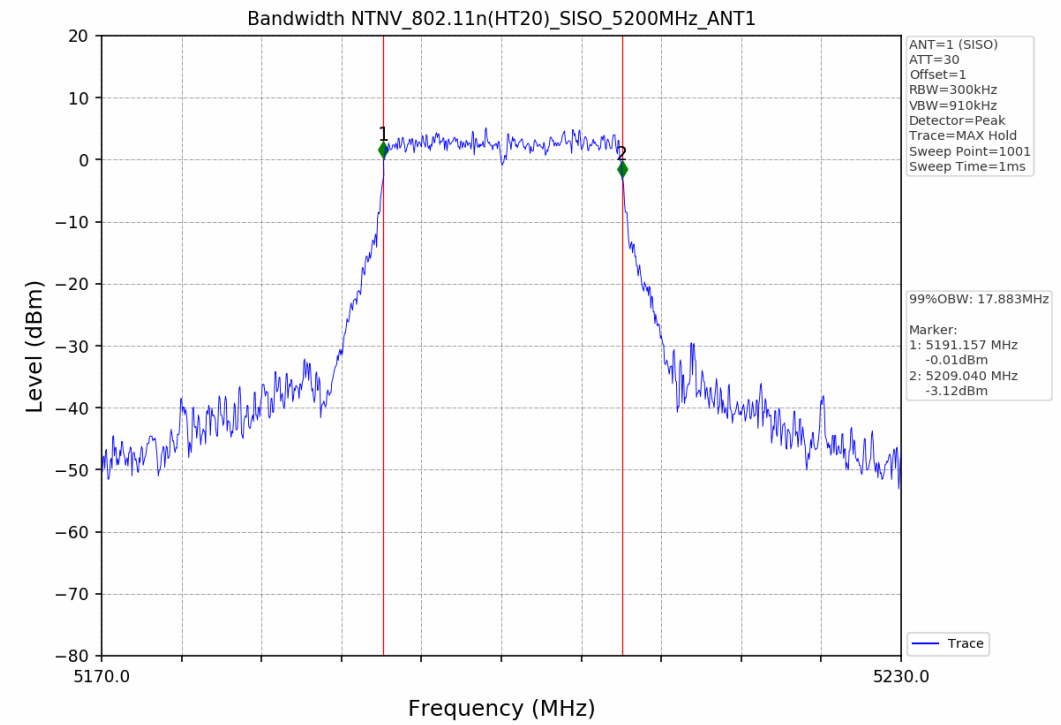

Bandwidth NTNV_802.11a_SISO_5700MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.826MHz
Marker:
1: 5691.663 MHz
-3.24dBm
2: 5708.488 MHz
-3.53dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

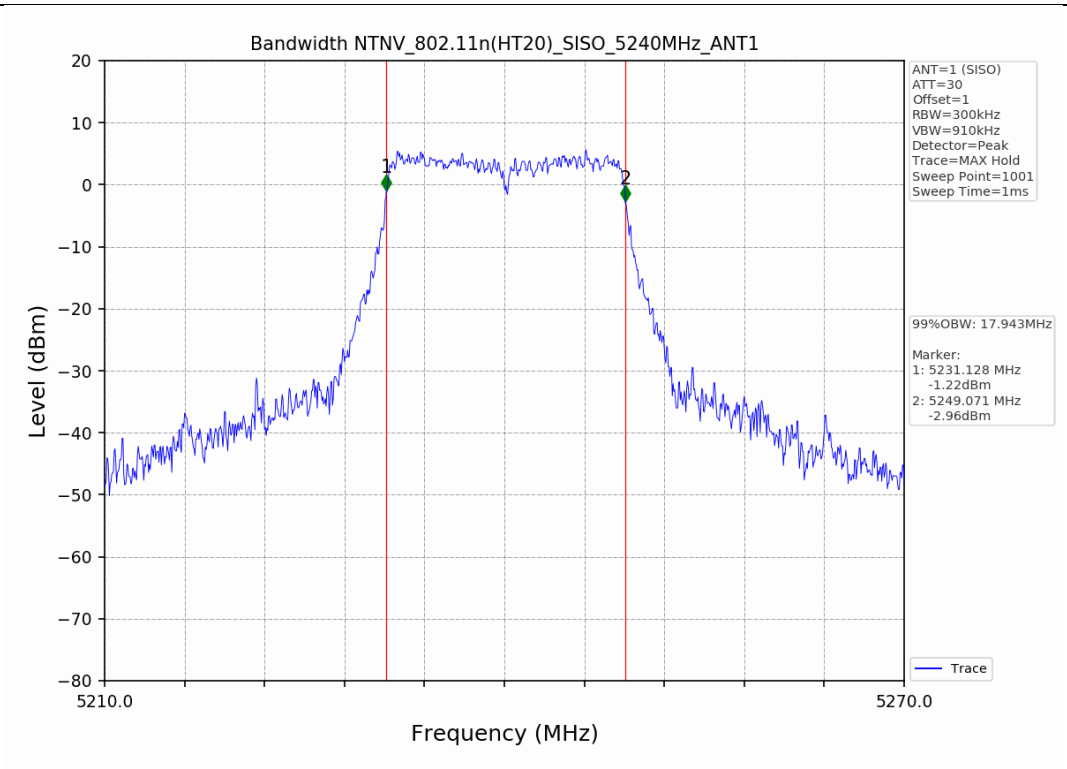

Bandwidth NTNV_802.11a_SISO_5745MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.906MHz
Marker:
1: 5736.613 MHz
-2.71dBm
2: 5753.519 MHz
-4.00dBm
Trace
Level (dBm)
Frequency (MHz)
5715.0
5775.0

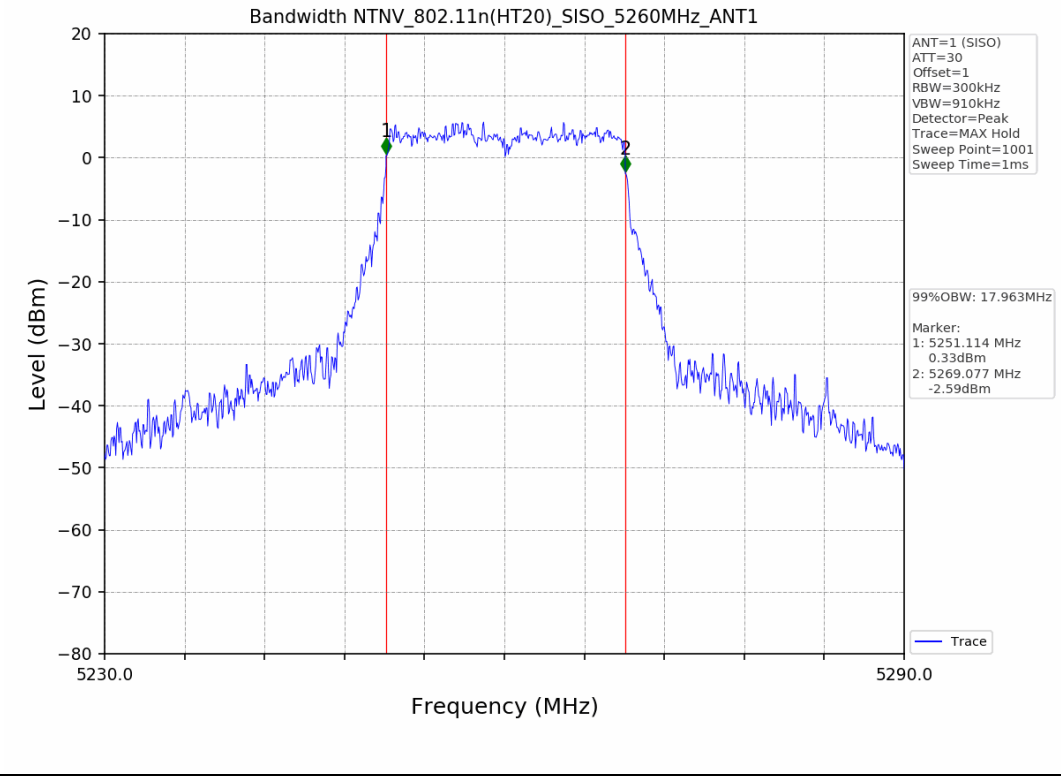

Bandwidth NTNV_802.11a_SISO_5785MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.807MHz
Marker:
1: 5776.695 MHz
-2.14dBm
2: 5793.502 MHz
-5.62dBm
Trace
Level (dBm)
Frequency (MHz)
5755.0
5815.0

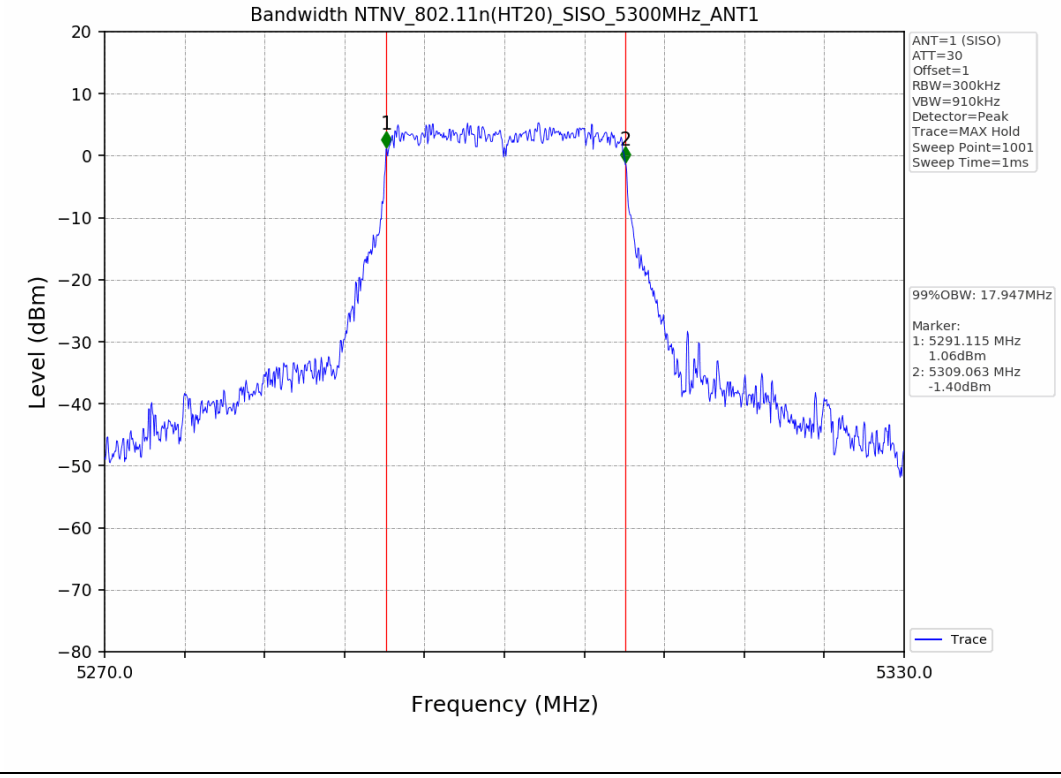

Bandwidth NTNV_802.11a_SISO_5825MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 16.801MHz
Marker:
1: 5816.682 MHz
-3.06dBm
2: 5833.483 MHz
-3.51dBm
Trace
Level (dBm)
Frequency (MHz)
5795.0
5855.0

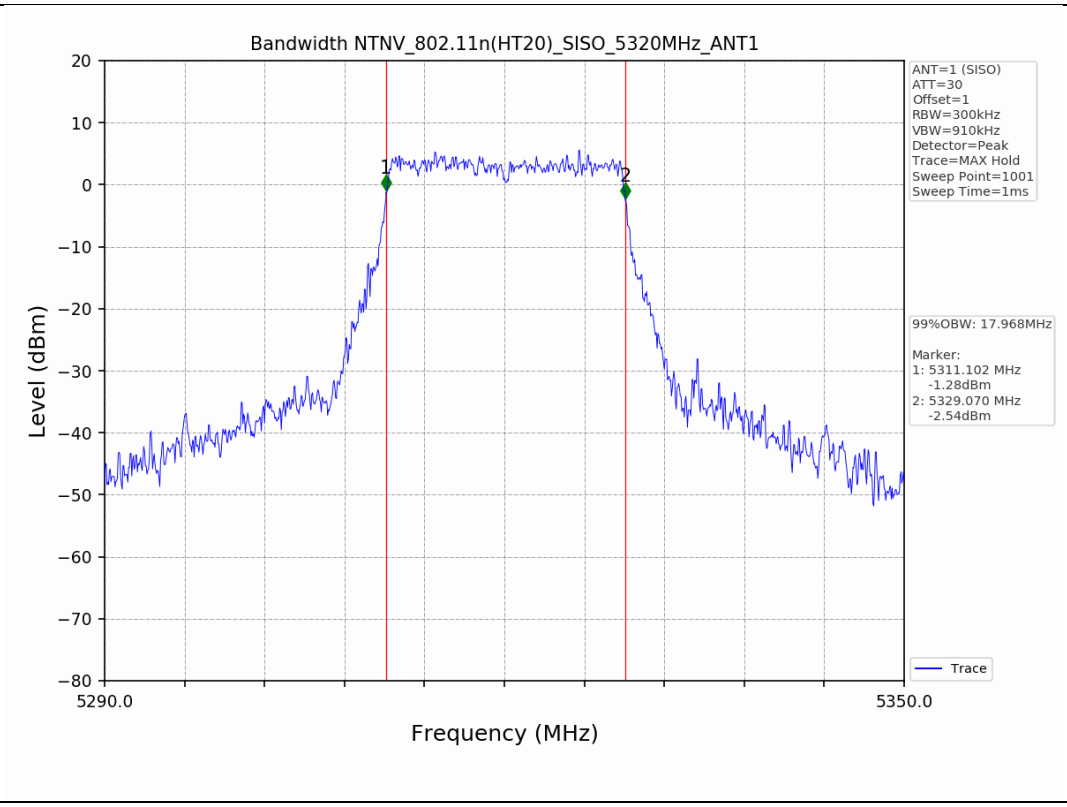

Bandwidth NTNV_802.11n(HT20)_SISO_5180MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.921MHz
Marker:
1: 5171.132 MHz
-1.61dBm
2: 5189.053 MHz
-4.56dBm
Trace
Level (dBm)
Frequency (MHz)
5150.0
5210.0

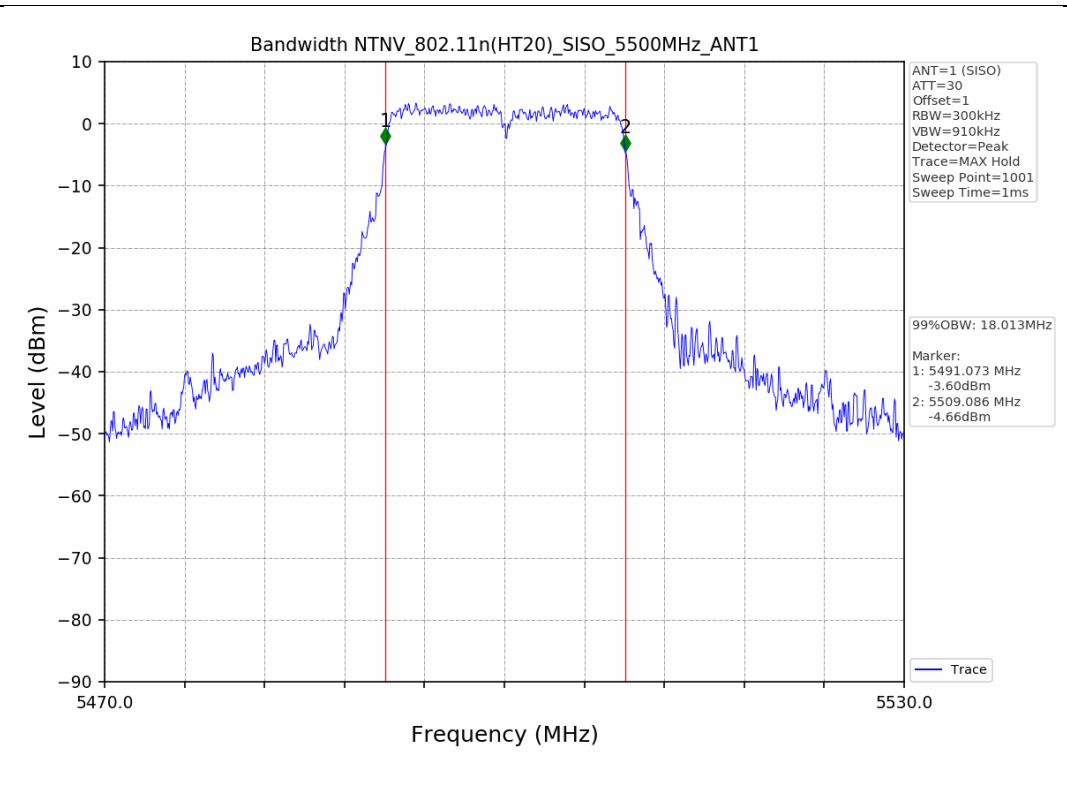

Bandwidth NTNV_802.11n(HT20)_SISO_5200MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.883MHz
Marker:
1: 5191.157 MHz
-0.01dBm
2: 5209.040 MHz
-3.12dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5230.0

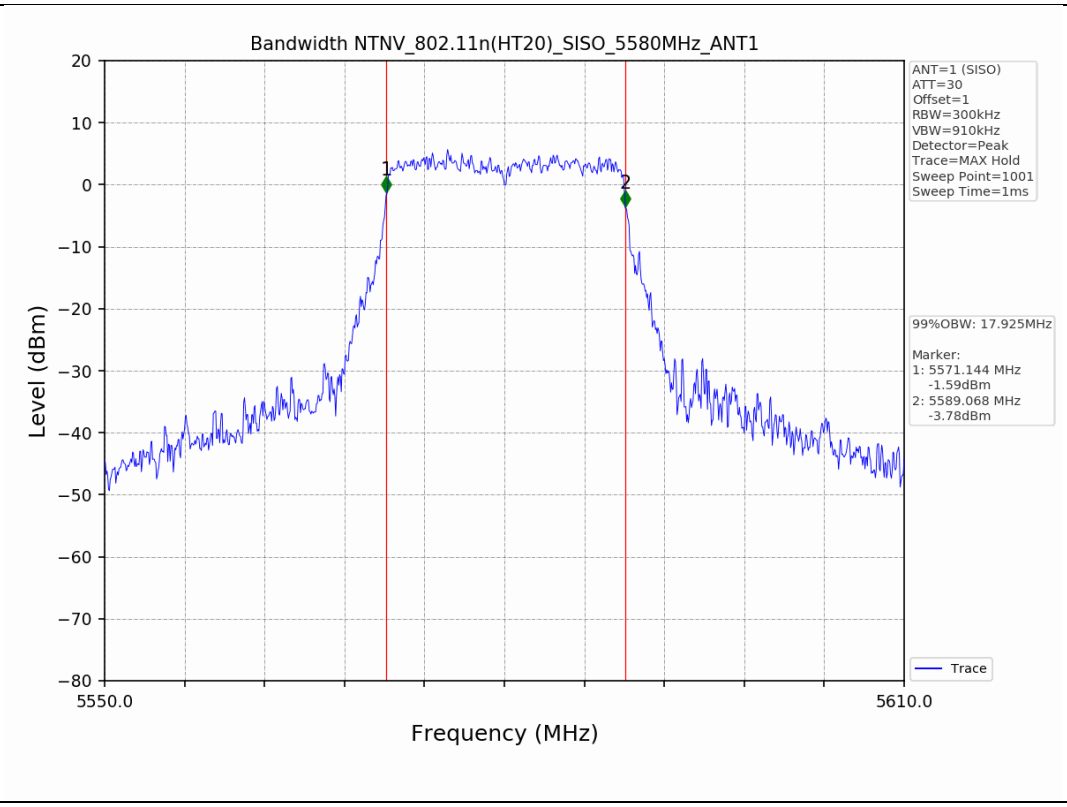

Bandwidth NTNV_802.11n(HT20)_SISO_5240MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.943MHz
Marker:
1: 5231.128 MHz
-1.22dBm
2: 5249.071 MHz
-2.96dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5270.0

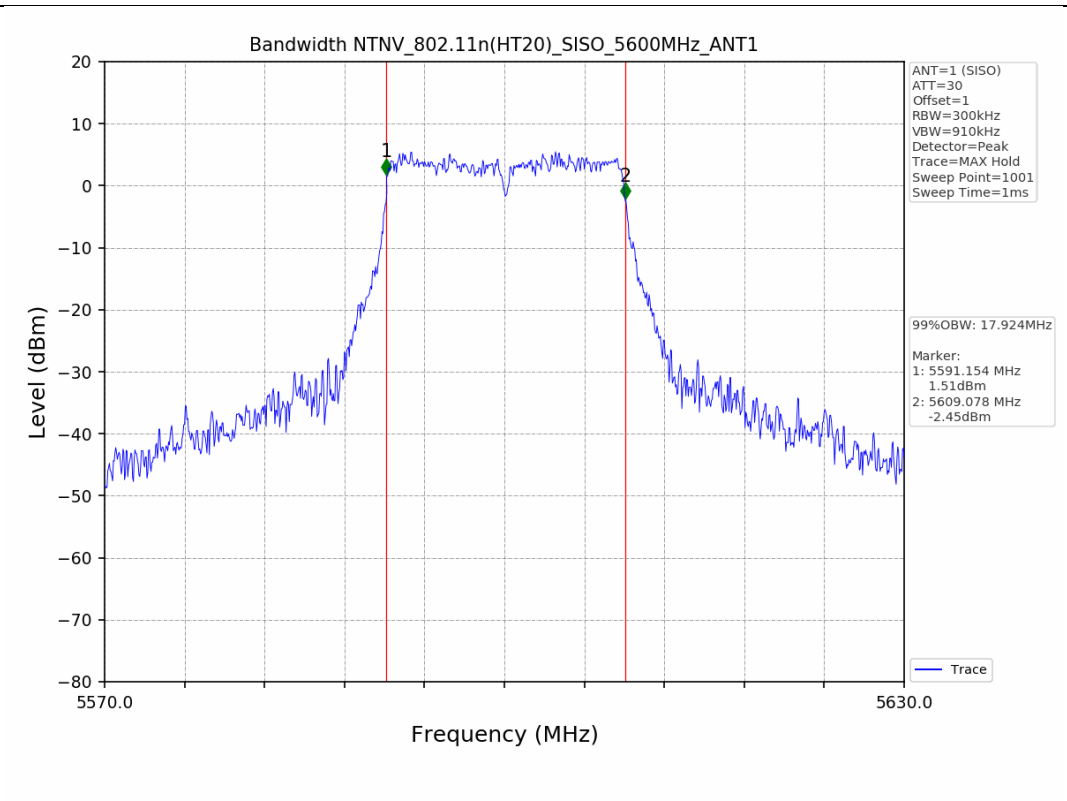

Bandwidth NTNV_802.11n(HT20)_SISO_5260MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.963MHz
Marker:
1: 5251.114 MHz
0.33dBm
2: 5269.077 MHz
-2.59dBm
Trace
Level (dBm)
Frequency (MHz)
5230.0
5290.0

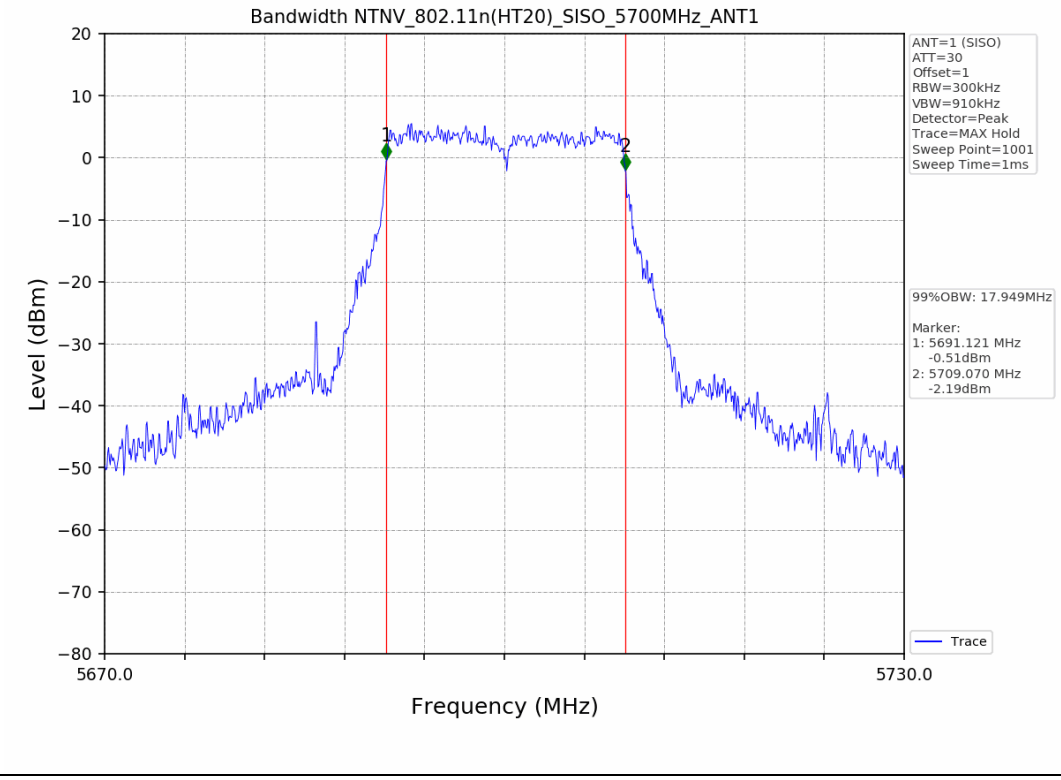

Bandwidth NTNV_802.11n(HT20)_SISO_5300MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.947MHz
Marker:
1: 5291.115 MHz
1.06dBm
2: 5309.063 MHz
-1.40dBm
Trace
Level (dBm)
Frequency (MHz)
5270.0
5330.0

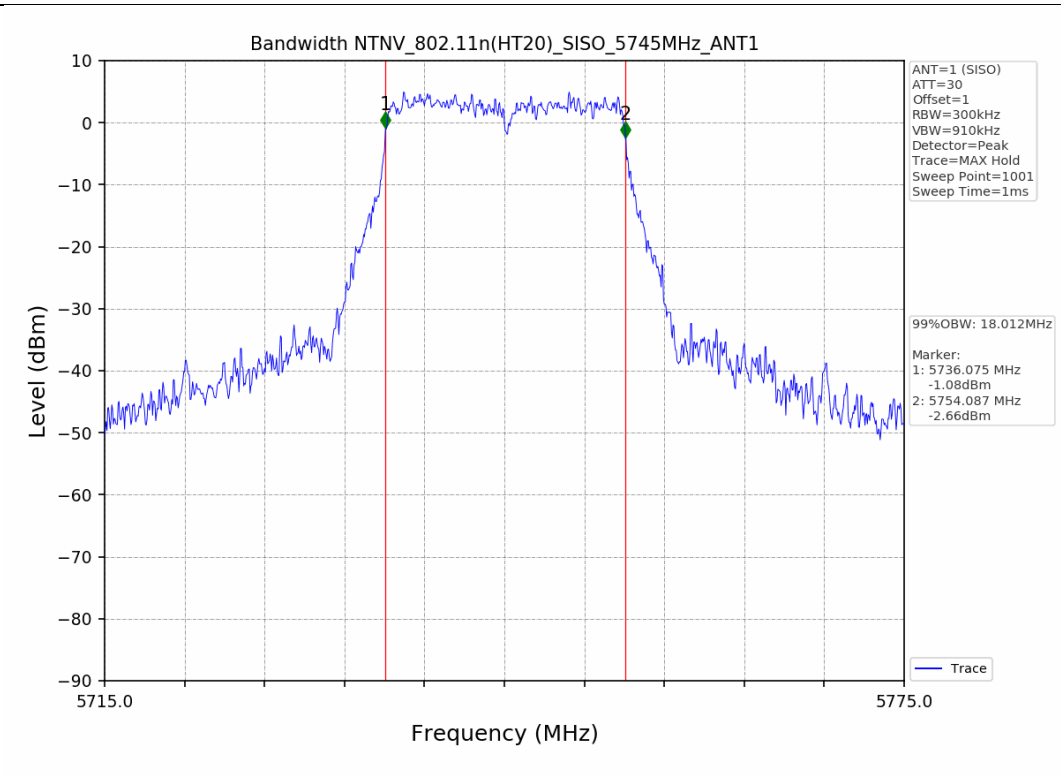

Bandwidth NTNV_802.11n(HT20)_SISO_5320MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.968MHz
Marker:
1: 5311.102 MHz
-1.28dBm
2: 5329.070 MHz
-2.54dBm
Trace
Level (dBm)
Frequency (MHz)
5290.0
5350.0

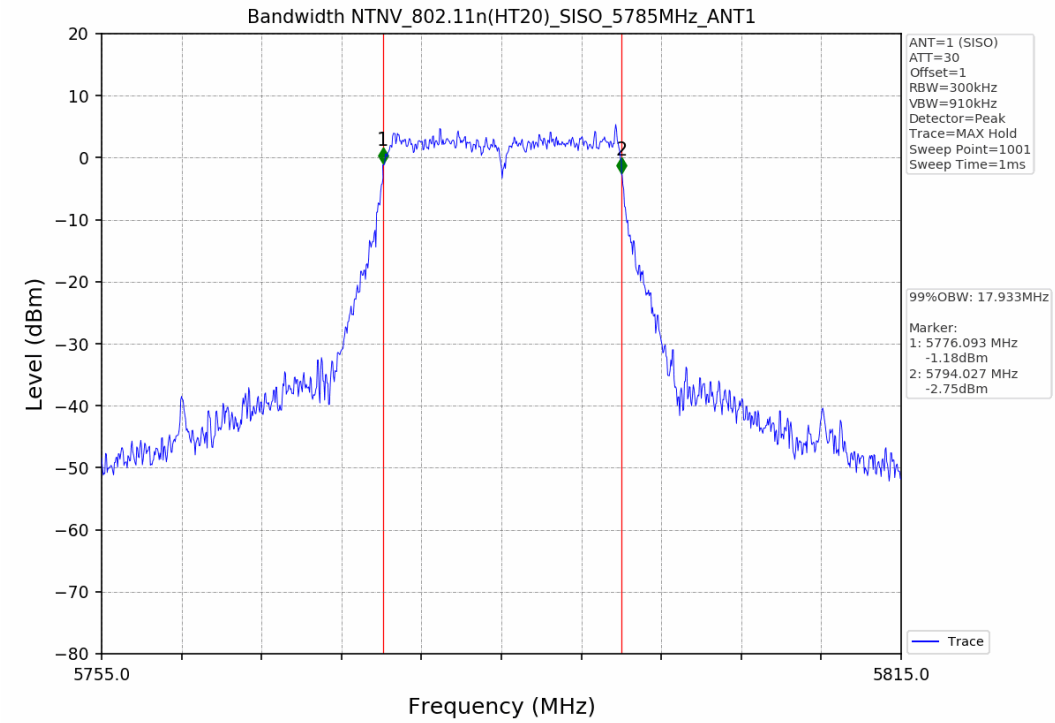

Bandwidth NTNV_802.11n(HT20)_SISO_5500MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.013MHz
Marker:
1: 5491.073 MHz
-3.60dBm
2: 5509.086 MHz
-4.66dBm
Trace
Level (dBm)
Frequency (MHz)
5470.0
5530.0

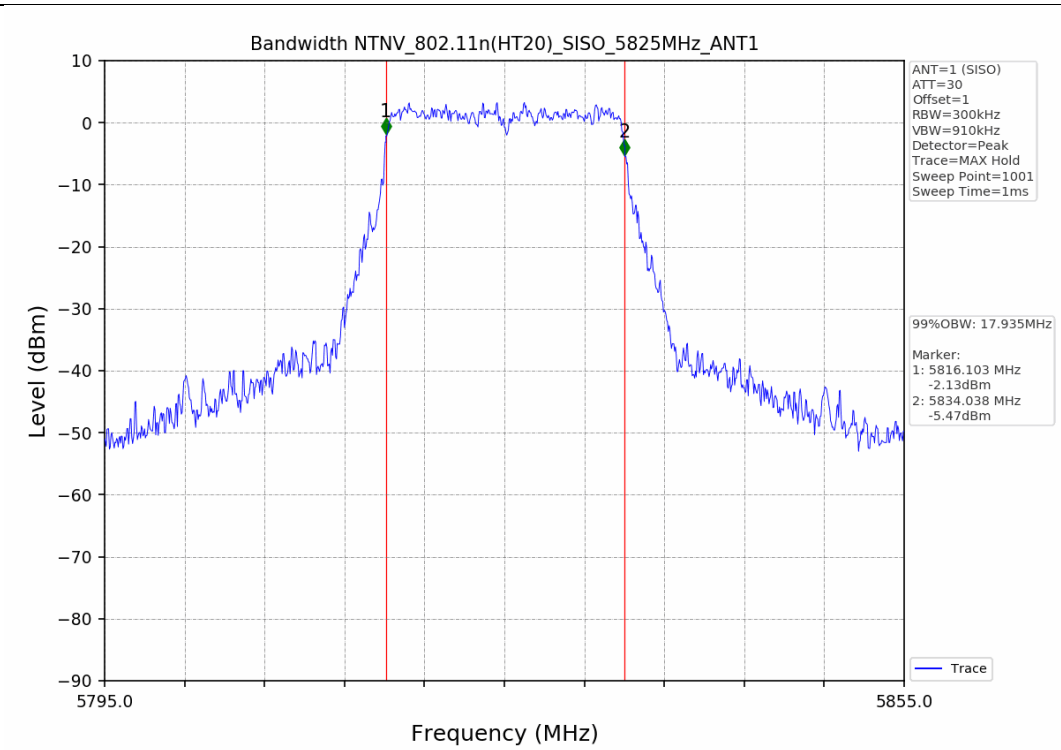

Bandwidth NTNV_802.11n(HT20)_SISO_5580MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.925MHz
Marker:
1: 5571.144 MHz
-1.59dBm
2: 5589.068 MHz
-3.78dBm
Trace
Level (dBm)
Frequency (MHz)
5550.0
5610.0

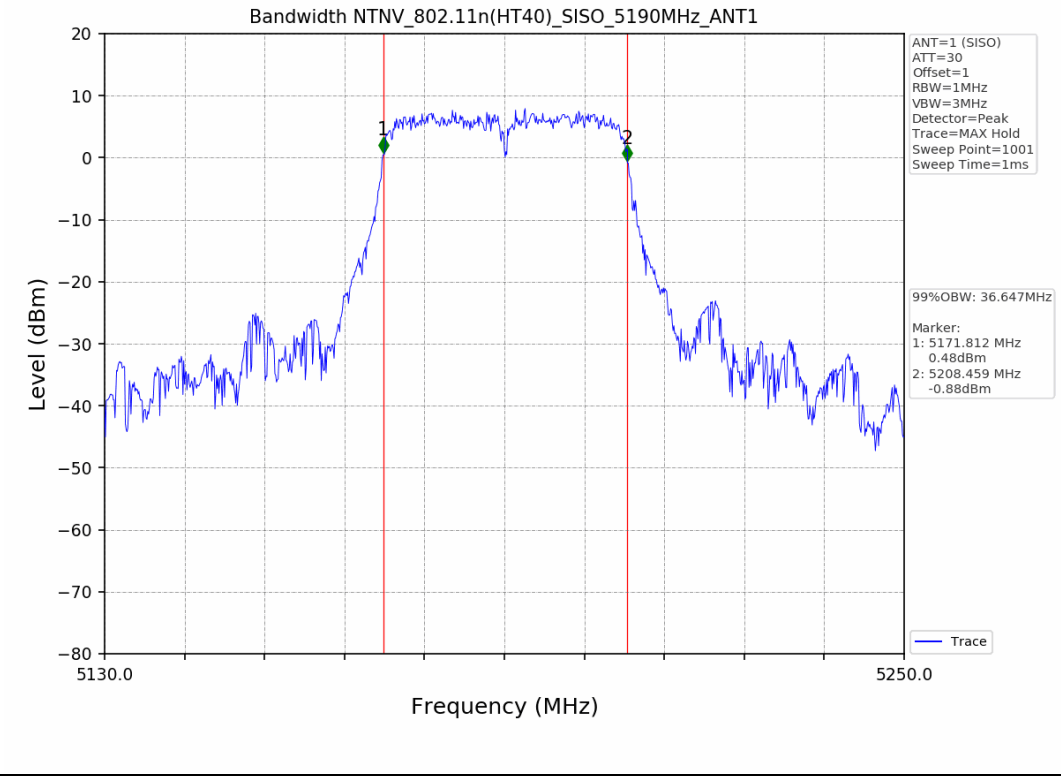

Bandwidth NTNV_802.11n(HT20)_SISO_5600MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.924MHz
Marker:
1: 5591.154 MHz
1.51dBm
2: 5609.078 MHz
-2.45dBm
Trace
Level (dBm)
Frequency (MHz)
5570.0
5630.0

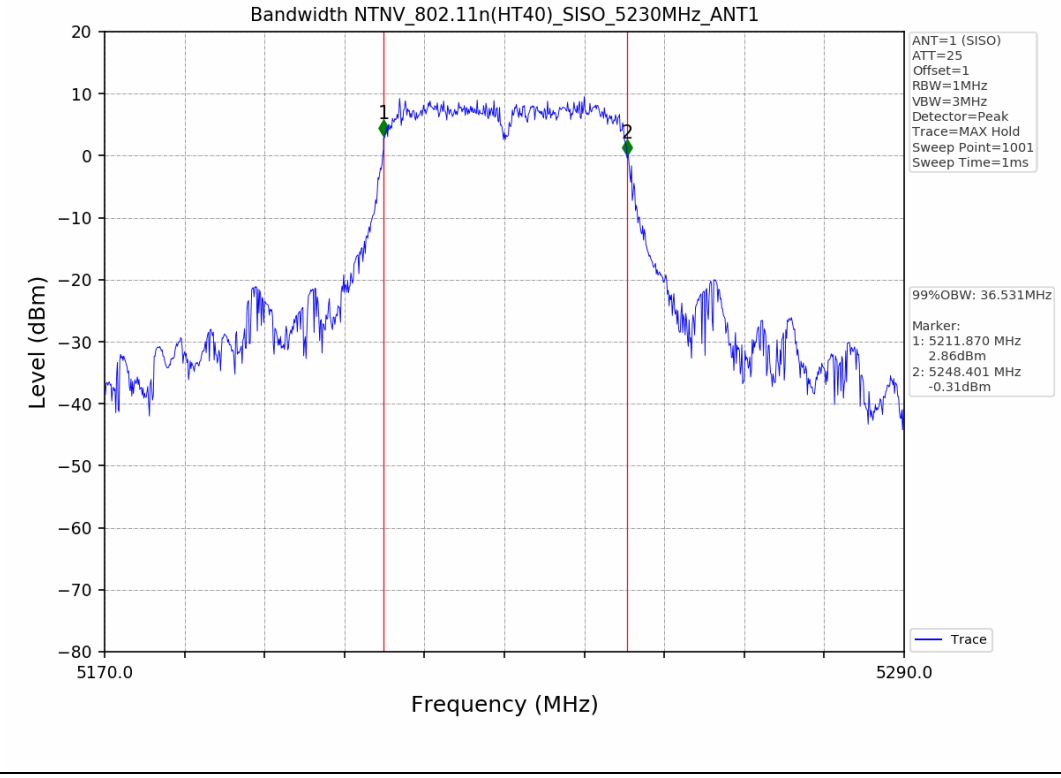

Bandwidth NTNV_802.11n(HT20)_SISO_5700MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.949MHz
Marker:
1: 5691.121 MHz
-0.51dBm
2: 5709.070 MHz
-2.19dBm
Trace
Level (dBm)
Frequency (MHz)
5670.0
5730.0

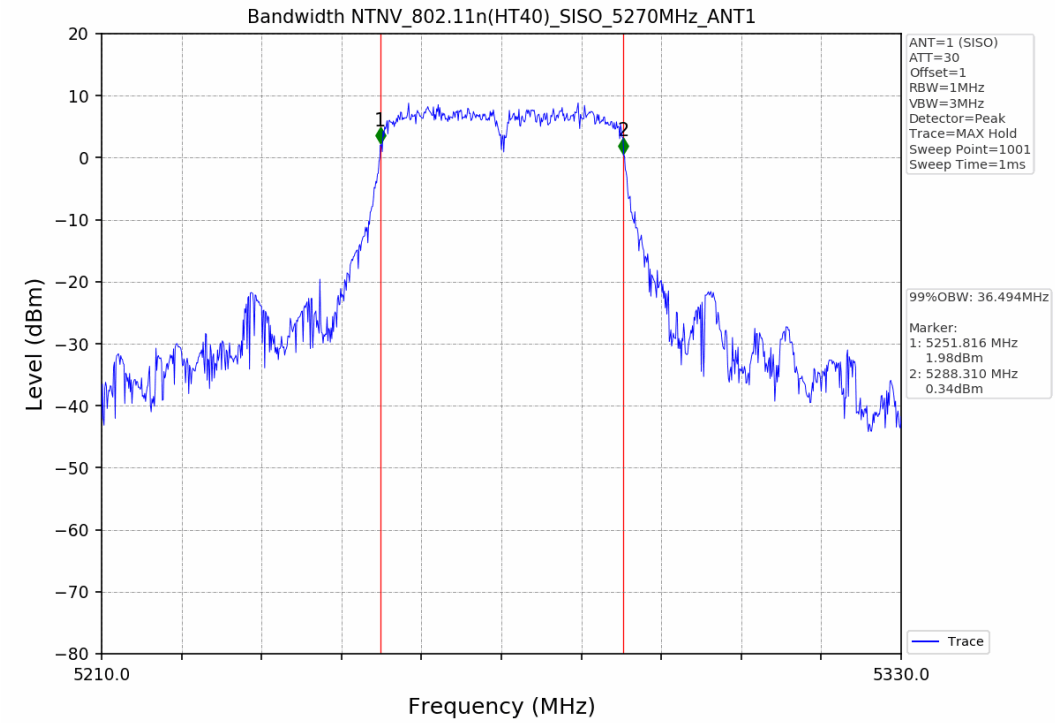

Bandwidth NTNV_802.11n(HT20)_SISO_5745MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 18.012MHz
Marker:
1: 5736.075 MHz
-1.08dBm
2: 5754.087 MHz
-2.66dBm
Trace
Level (dBm)
Frequency (MHz)
5715.0
5775.0

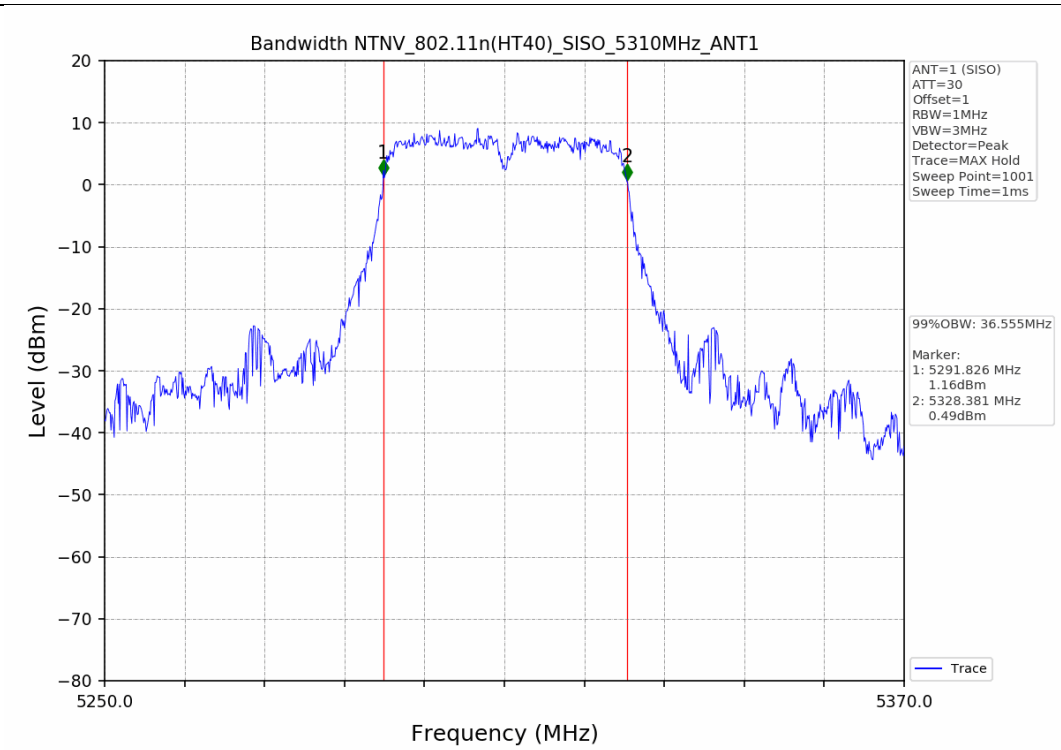

Bandwidth NTNV_802.11n(HT20)_SISO_5785MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.933MHz
Marker:
1: 5776.093 MHz
-1.18dBm
2: 5794.027 MHz
-2.75dBm
Trace
Level (dBm)
Frequency (MHz)
5755.0
5815.0

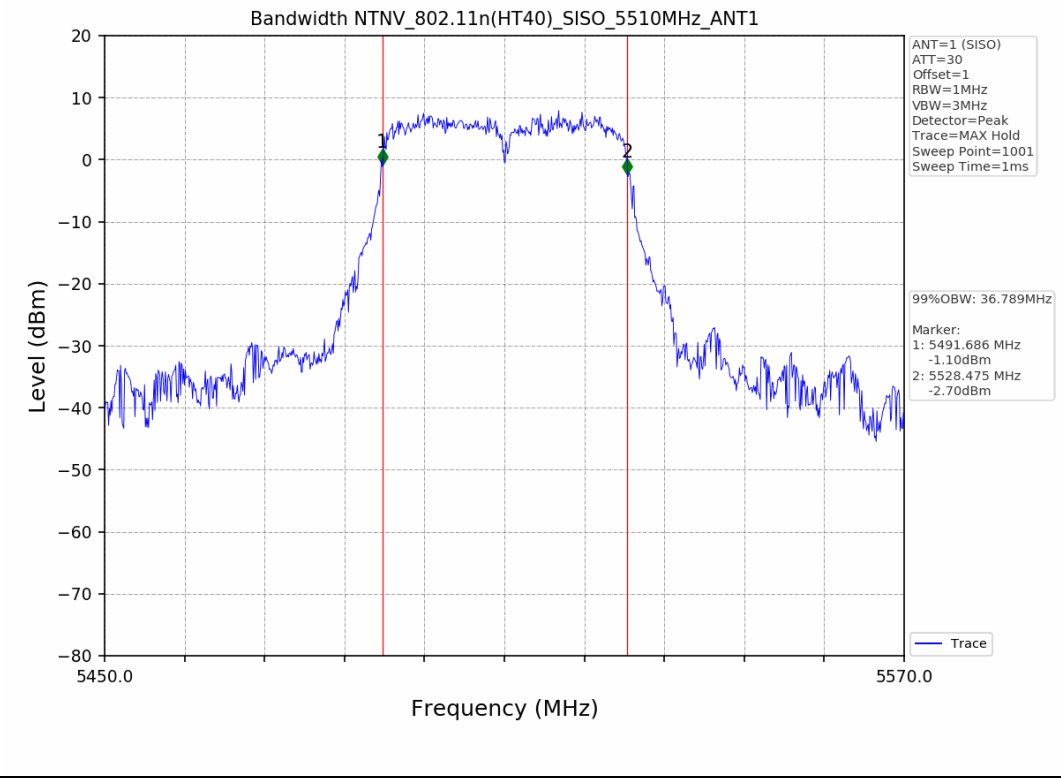

Bandwidth NTNV_802.11n(HT20)_SISO_5825MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 17.935MHz
Marker:
1: 5816.103 MHz
-2.13dBm
2: 5834.038 MHz
-5.47dBm
Trace
Level (dBm)
Frequency (MHz)
5795.0
5855.0

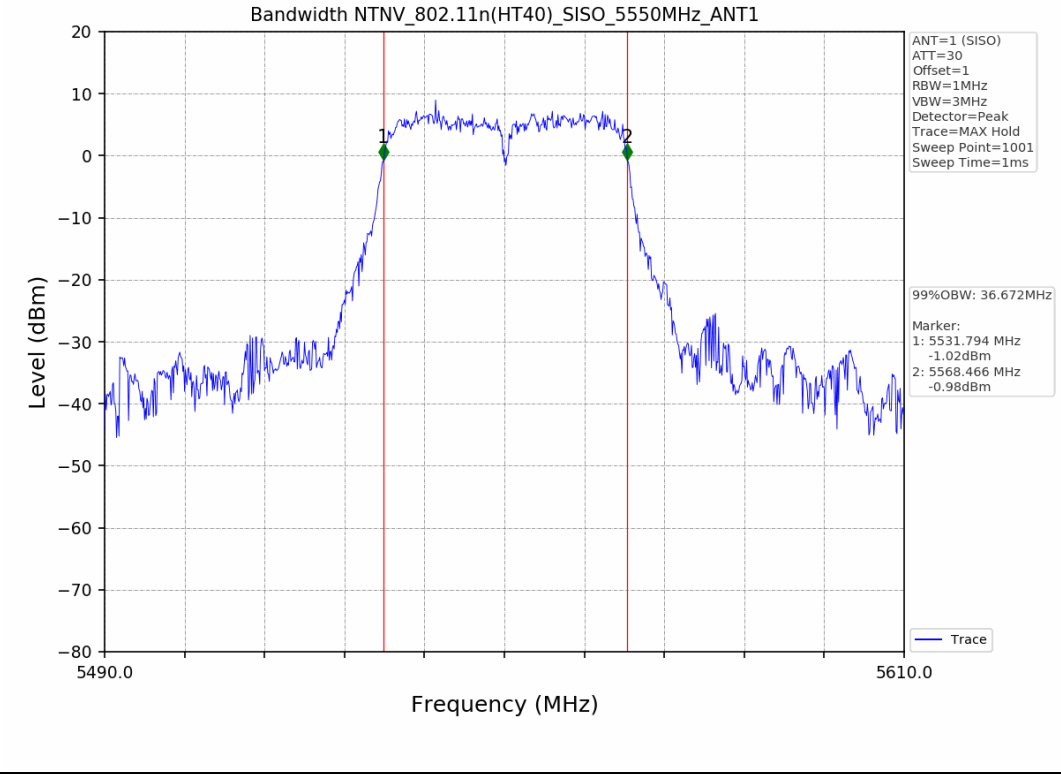

Bandwidth NTNV_802.11n(HT40)_SISO_5190MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.647MHz
Marker:
1: 5171.812 MHz
0.48dBm
2: 5208.459 MHz
-0.88dBm
Trace
Level (dBm)
Frequency (MHz)
5130.0
5250.0

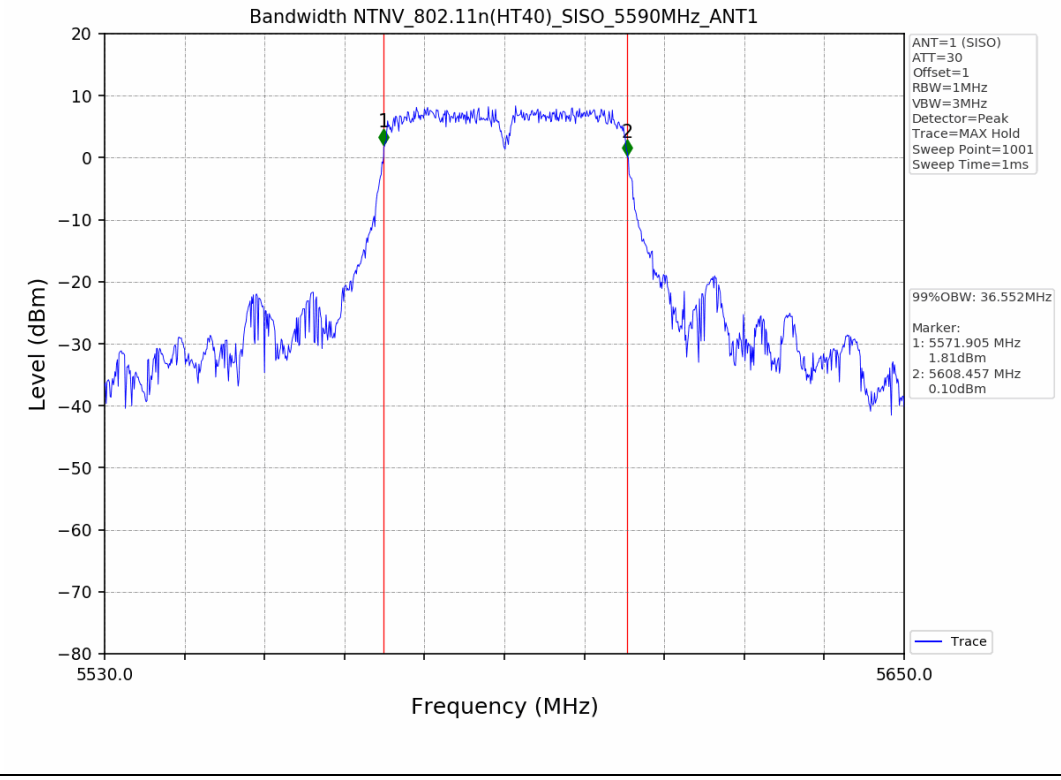

Bandwidth NTNV_802.11n(HT40)_SISO_5230MHz_ANT1
ANT=1 (SISO)
ATT=25
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.531MHz
Marker:
1: 5211.870 MHz
2.86dBm
2: 5248.401 MHz
-0.31dBm
Trace
Level (dBm)
Frequency (MHz)
5170.0
5290.0

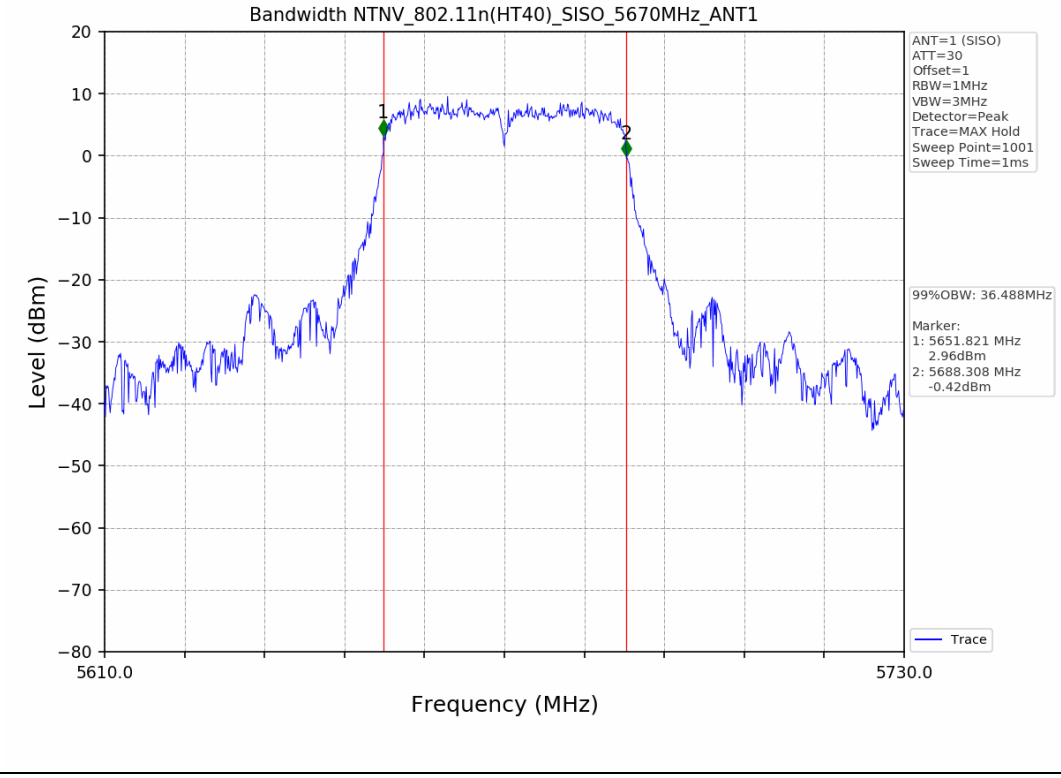

Bandwidth NTNV_802.11n(HT40)_SISO_5270MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.494MHz
Marker:
1: 5251.816 MHz
1.98dBm
2: 5288.310 MHz
0.34dBm
Trace
Level (dBm)
Frequency (MHz)
5210.0
5330.0

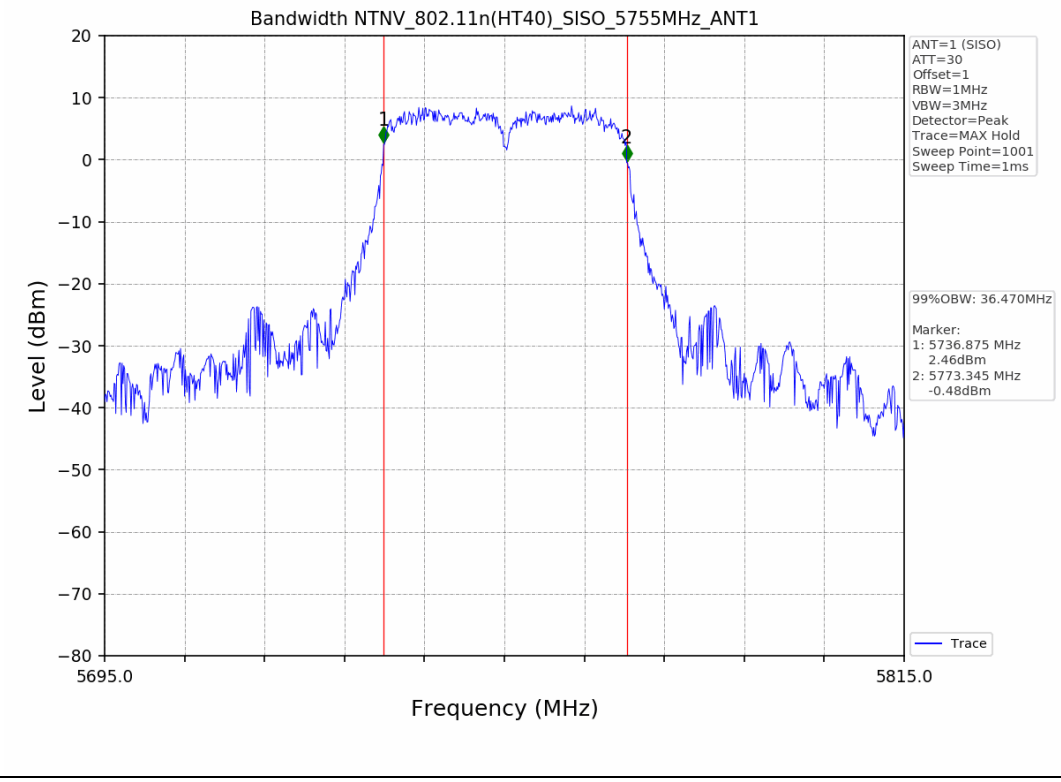

Bandwidth NTNV_802.11n(HT40)_SISO_5310MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.555MHz
Marker:
1: 5291.826 MHz
1.16dBm
2: 5328.381 MHz
0.49dBm
Trace
Level (dBm)
Frequency (MHz)
5250.0
5370.0

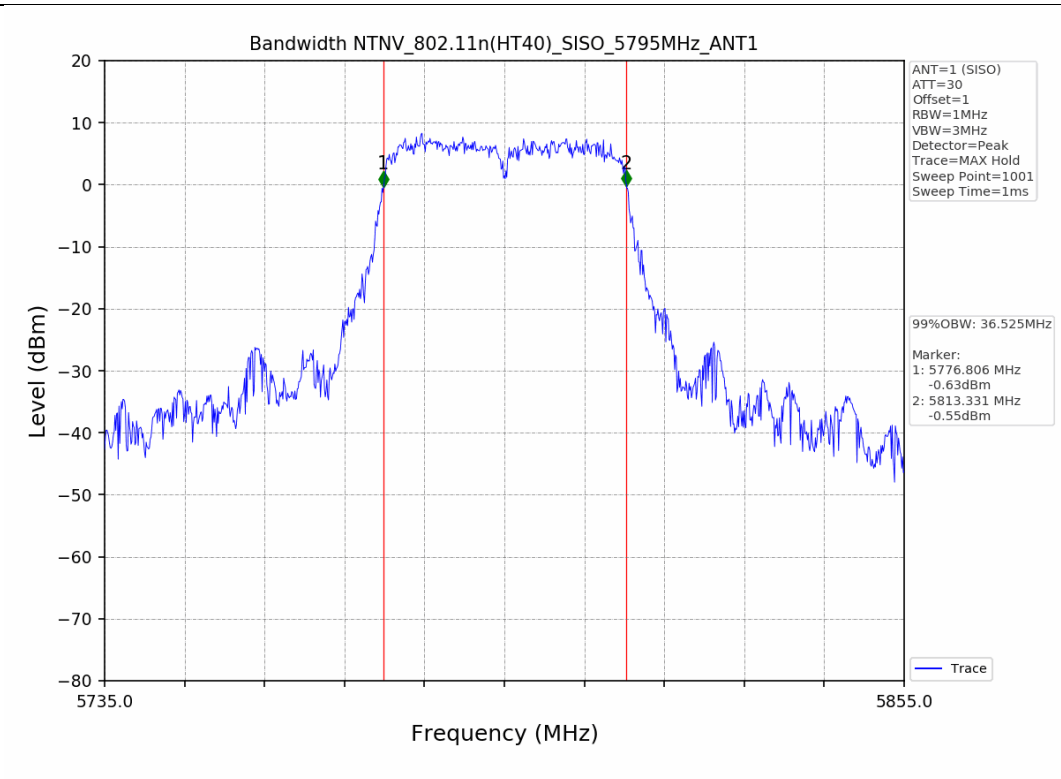

Bandwidth NTNV_802.11n(HT40)_SISO_5510MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.789MHz
Marker:
1: 5491.686 MHz
-1.10dBm
2: 5528.475 MHz
-2.70dBm
Trace
Level (dBm)
Frequency (MHz)
5450.0
5570.0


Bandwidth NTNV_802.11n(HT40)_SISO_5550MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.672MHz
Marker:
1: 5531.794 MHz
-1.02dBm
2: 5568.466 MHz
-0.98dBm
Trace
Level (dBm)
Frequency (MHz)
5490.0
5610.0


Bandwidth NTNV_802.11n(HT40)_SISO_5590MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.552MHz
Marker:
1: 5571.905 MHz
1.81dBm
2: 5608.457 MHz
0.10dBm
Trace
Level (dBm)
Frequency (MHz)
5530.0
5650.0


Bandwidth NTNV_802.11n(HT40)_SISO_5670MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.488MHz
Marker:
1: 5651.821 MHz
2.96dBm
2: 5688.308 MHz
-0.42dBm
Trace
Level (dBm)
Frequency (MHz)
5610.0
5730.0


Bandwidth NTNV_802.11n(HT40)_SISO_5755MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.470MHz
Marker:
1: 5736.875 MHz
2.46dBm
2: 5773.345 MHz
-0.48dBm
Trace
Level (dBm)
Frequency (MHz)
5695.0
5815.0


Bandwidth NTNV_802.11n(HT40)_SISO_5795MHz_ANT1
ANT=1 (SISO)
ATT=30
Offset=1
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%OBW: 36.525MHz
Marker:
1: 5776.806 MHz
-0.63dBm
2: 5813.331 MHz
-0.55dBm
Trace
Level (dBm)
Frequency (MHz)
5735.0
5855.0