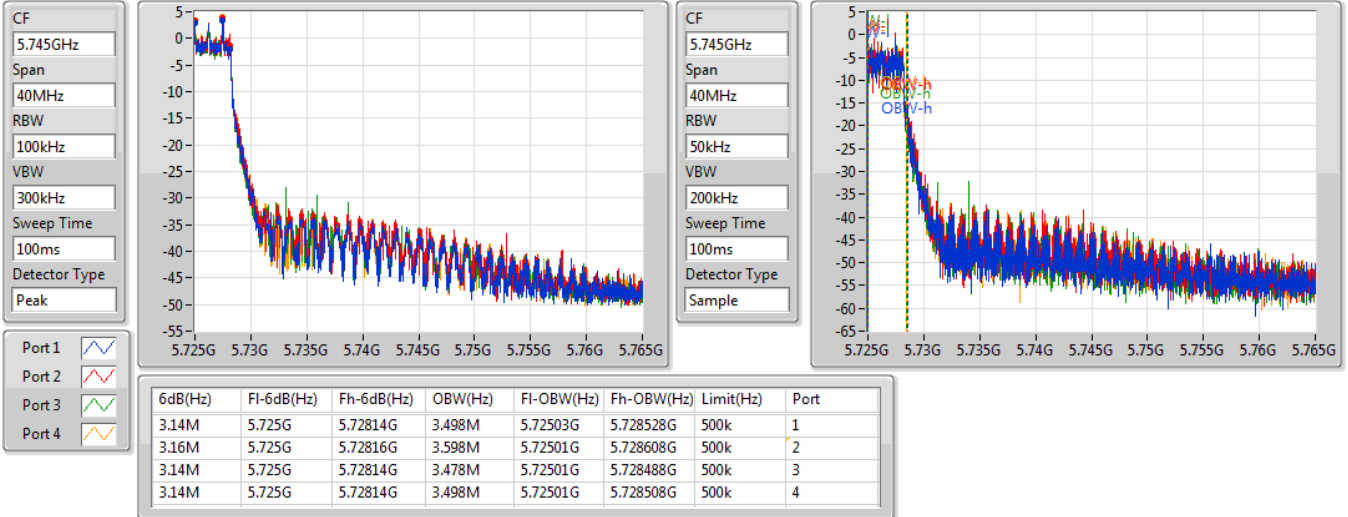


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

22/11/2019

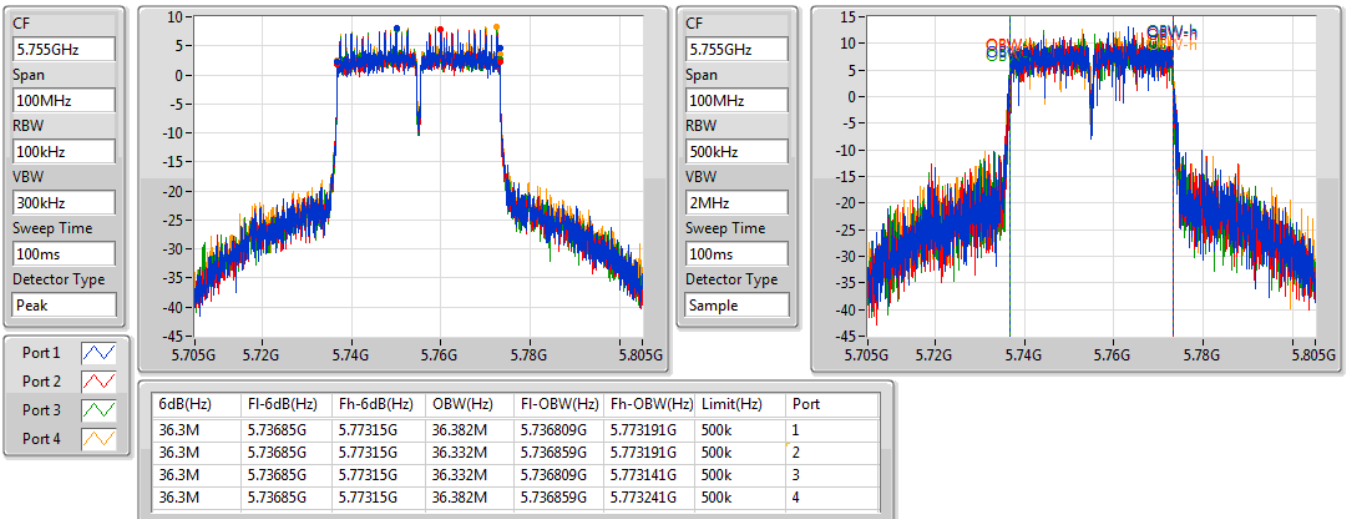


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

16/11/2019



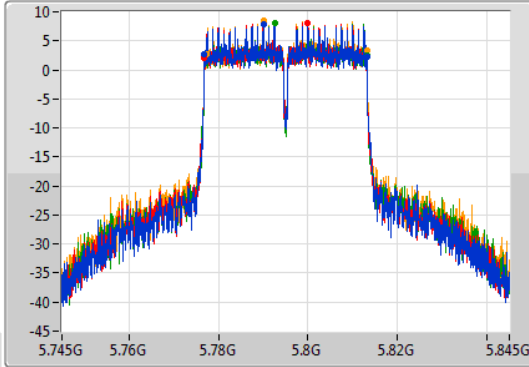
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

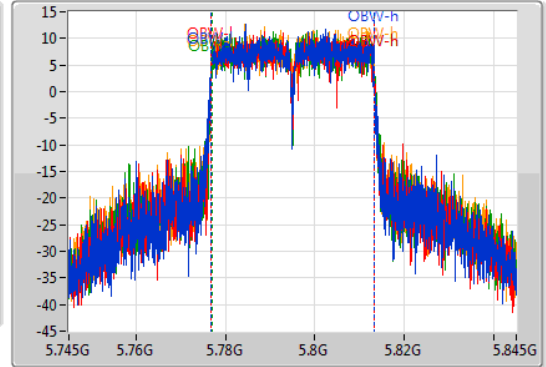
5795MHz

16/11/2019

CF
5.795GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.795GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.77685G	5.8132G	36.432M	5.776809G	5.813241G	500k	1
36.3M	5.77685G	5.81315G	36.332M	5.776859G	5.813191G	500k	2
36.3M	5.77685G	5.81315G	36.332M	5.776909G	5.813241G	500k	3
35.95M	5.7772G	5.81315G	36.282M	5.776859G	5.813141G	500k	4

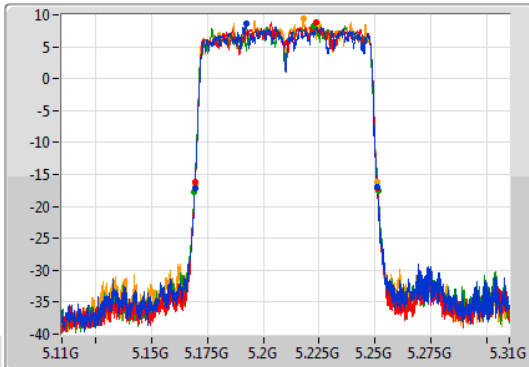
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

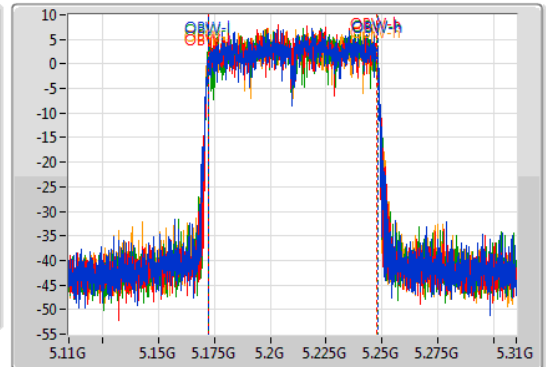
5210MHz

16/11/2019

CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.1695G	5.2509G	75.662M	5.172319G	5.247981G	Inf	1
81.6M	5.1695G	5.2511G	75.462M	5.172319G	5.247781G	Inf	2
82.2M	5.1691G	5.2513G	75.862M	5.172119G	5.247981G	Inf	3
81.6M	5.1695G	5.2511G	75.762M	5.172119G	5.247881G	Inf	4

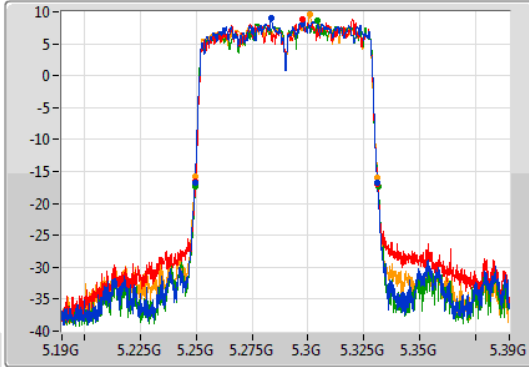
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

22/11/2019

CF
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.2494G	5.331G	75.862M	5.252119G	5.327981G	Inf	1
81.4M	5.2497G	5.3311G	75.862M	5.252219G	5.328081G	Inf	2
81.6M	5.2497G	5.3313G	75.762M	5.252119G	5.327881G	Inf	3
81.6M	5.2495G	5.3311G	75.662M	5.252219G	5.327881G	Inf	4

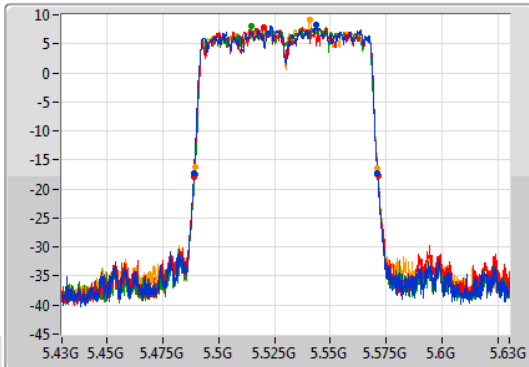
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

22/11/2019

CF
5.53GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.489G	5.571G	75.662M	5.492219G	5.567881G	Inf	1
82.3M	5.489G	5.5713G	75.962M	5.492119G	5.568081G	Inf	2
81.8M	5.4894G	5.5712G	75.862M	5.492119G	5.567981G	Inf	3
81.6M	5.4895G	5.5711G	75.862M	5.492119G	5.567981G	Inf	4

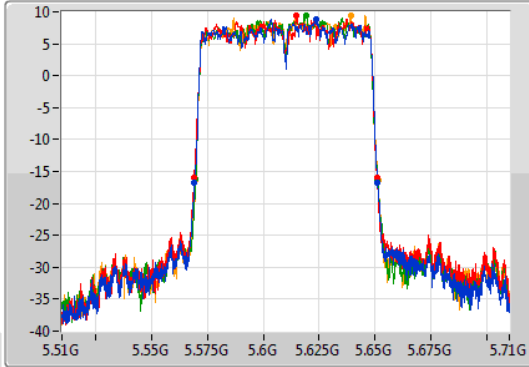
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

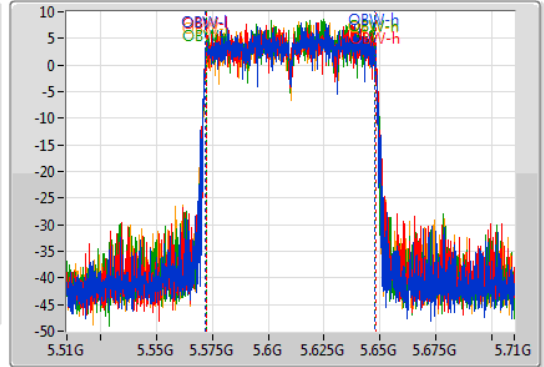
5610MHz

22/11/2019

CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.5693G	5.6511G	75.862M	5.572019G	5.647881G	Inf	1
81.8M	5.5691G	5.6509G	75.962M	5.572119G	5.648081G	Inf	2
81.4M	5.5698G	5.6512G	75.662M	5.572219G	5.647881G	Inf	3
81.5M	5.5698G	5.6513G	75.662M	5.572219G	5.647881G	Inf	4

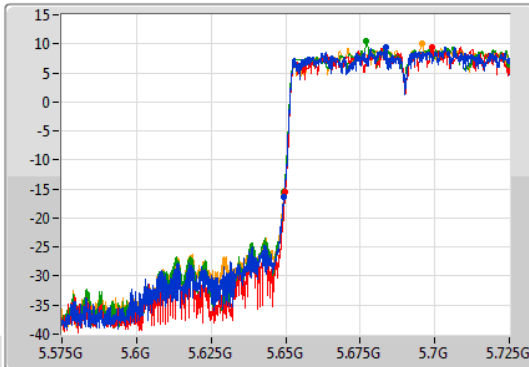
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

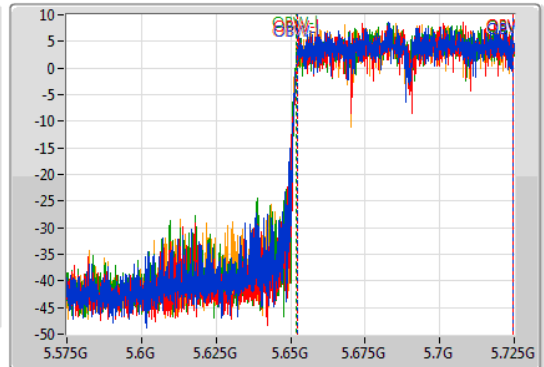
5690MHz Straddle 5.47-5.725GHz

22/11/2019

CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	72.489M	5.652099G	5.724588G	Inf	1
75.15M	5.64985G	5.725G	72.414M	5.652174G	5.724588G	Inf	2
75.45M	5.64955G	5.725G	72.564M	5.652024G	5.724588G	Inf	3
75.525M	5.649475G	5.725G	72.639M	5.652024G	5.724663G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

22/11/2019

CF
5.745GHz

Span
40MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

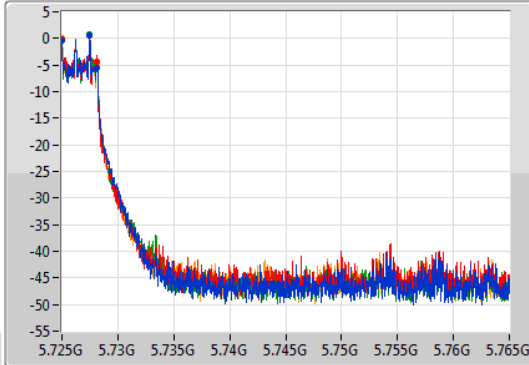
Detector Type
Peak

Port 1

Port 2

Port 3

Port 4



CF
5.745GHz

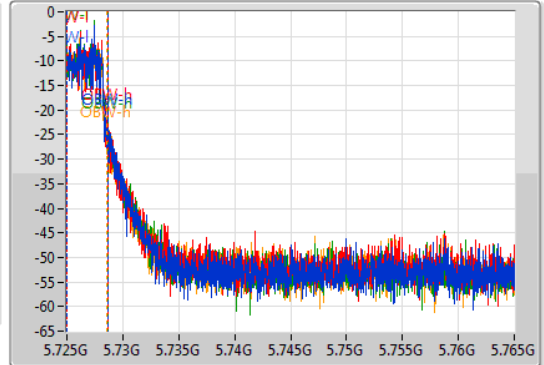
Span
40MHz

RBW
50kHz

VBW
200kHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.718M	5.72501G	5.728728G	500k	1
3.14M	5.725G	5.72814G	3.658M	5.72501G	5.728668G	500k	2
2.92M	5.725G	5.72792G	3.678M	5.72501G	5.728688G	500k	3
3.1M	5.725G	5.7281G	3.578M	5.72501G	5.728588G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

16/11/2019

CF
5.775GHz

Span
200MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

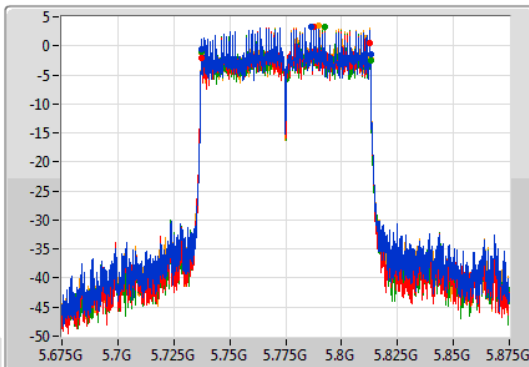
Detector Type
Peak

Port 1

Port 2

Port 3

Port 4



CF
5.775GHz

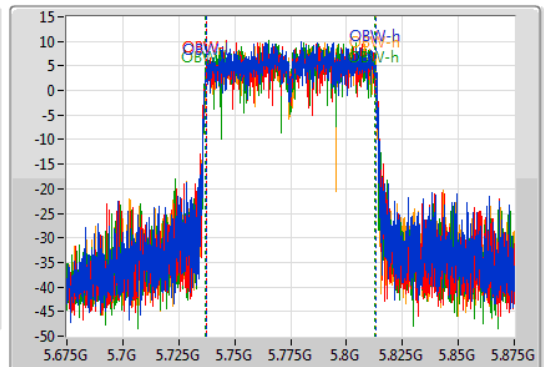
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.8M	5.7374G	5.8132G	75.862M	5.737119G	5.812981G	500k	1
75.2M	5.7374G	5.8126G	75.862M	5.737119G	5.812981G	500k	2
75.8M	5.7374G	5.8132G	75.862M	5.737019G	5.812881G	500k	3
75.5M	5.7374G	5.8129G	75.762M	5.737219G	5.812981G	500k	4



For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	43.125M	17.891M	17M9D1D	21.575M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	81.1M	36.482M	36M5D1D	39.85M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.7M	75.762M	75M8D1D	81M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.85M	17.766M	17M8D1D	21.5M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.2M	36.382M	36M4D1D	39.7M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.4M	75.862M	75M9D1D	81.1M	75.562M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.925M	17.791M	17M8D1D	15.615M	13.853M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.1M	36.332M	36M3D1D	34.79M	32.954M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.1M	75.862M	75M9D1D	75.15M	72.414M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.6M	17.841M	17M8D1D	3.76M	4.158M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.35M	36.482M	36M5D1D	3.14M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.8M	76.162M	76M2D1D	2.92M	3.578M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.875M	17.791M	21.75M	17.791M	21.625M	17.741M	21.575M	17.741M
5200MHz	Pass	Inf	28.975M	17.816M	33.1M	17.841M	30.675M	17.766M	28.15M	17.791M
5240MHz	Pass	Inf	40.175M	17.816M	43.125M	17.891M	38.225M	17.766M	32.5M	17.766M
5260MHz	Pass	Inf	21.85M	17.716M	21.525M	17.716M	21.575M	17.766M	21.5M	17.716M
5300MHz	Pass	Inf	21.775M	17.716M	21.65M	17.741M	21.8M	17.691M	21.5M	17.741M
5320MHz	Pass	Inf	21.775M	17.741M	21.525M	17.766M	21.6M	17.766M	21.7M	17.716M
5500MHz	Pass	Inf	21.725M	17.766M	21.625M	17.716M	21.7M	17.741M	21.475M	17.741M
5580MHz	Pass	Inf	21.925M	17.791M	21.625M	17.741M	21.575M	17.741M	21.5M	17.691M
5700MHz	Pass	Inf	21.9M	17.766M	21.625M	17.716M	21.675M	17.716M	21.65M	17.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	13.913M	15.645M	13.853M	15.615M	13.883M	15.78M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.158M	3.78M	4.298M	3.76M	4.198M	3.76M	4.198M
5745MHz	Pass	500k	17.6M	17.791M	17.575M	17.816M	17.55M	17.741M	17.55M	17.766M
5785MHz	Pass	500k	17.55M	17.841M	17.55M	17.791M	17.575M	17.816M	17.575M	17.741M
5825MHz	Pass	500k	17.55M	17.816M	17.575M	17.791M	17.55M	17.791M	17.55M	17.791M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	36.282M	39.9M	36.282M	39.95M	36.132M	39.85M	36.282M
5230MHz	Pass	Inf	75.95M	36.382M	74.8M	36.482M	69.5M	36.282M	81.1M	36.432M
5270MHz	Pass	Inf	40.2M	36.132M	39.7M	36.382M	39.9M	36.332M	39.9M	36.282M
5310MHz	Pass	Inf	40.15M	36.182M	39.9M	36.282M	39.8M	36.182M	39.9M	36.232M
5510MHz	Pass	Inf	40.1M	36.282M	39.8M	36.282M	39.85M	36.332M	39.8M	36.182M
5550MHz	Pass	Inf	40.05M	36.232M	39.95M	36.232M	39.75M	36.282M	39.8M	36.282M
5670MHz	Pass	Inf	40.1M	36.282M	39.85M	36.232M	39.7M	36.182M	39.85M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.023M	34.79M	32.989M	34.895M	32.954M	34.93M	32.954M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.498M	3.16M	3.578M	3.14M	3.518M	3.14M	3.478M
5755MHz	Pass	500k	36.3M	36.282M	36.3M	36.382M	36.1M	36.332M	36.35M	36.432M
5795MHz	Pass	500k	36.3M	36.482M	36.35M	36.382M	35.9M	36.282M	36.3M	36.382M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.5M	75.662M	81.5M	75.762M	81.7M	75.762M	81M	75.662M
5290MHz	Pass	Inf	81.5M	75.762M	81.1M	75.862M	82.4M	75.662M	81.6M	75.562M
5530MHz	Pass	Inf	82M	75.762M	81.3M	75.862M	81.9M	75.662M	81.5M	75.562M
5610MHz	Pass	Inf	82.1M	75.762M	81.5M	75.762M	81.3M	75.862M	81.3M	75.662M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	72.489M	75.825M	72.564M	75.3M	72.414M	75.15M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.678M	3.14M	3.658M	2.92M	3.658M	3.12M	3.578M
5775MHz	Pass	500k	75.4M	75.862M	75.8M	76.162M	75.5M	75.962M	75.5M	75.862M

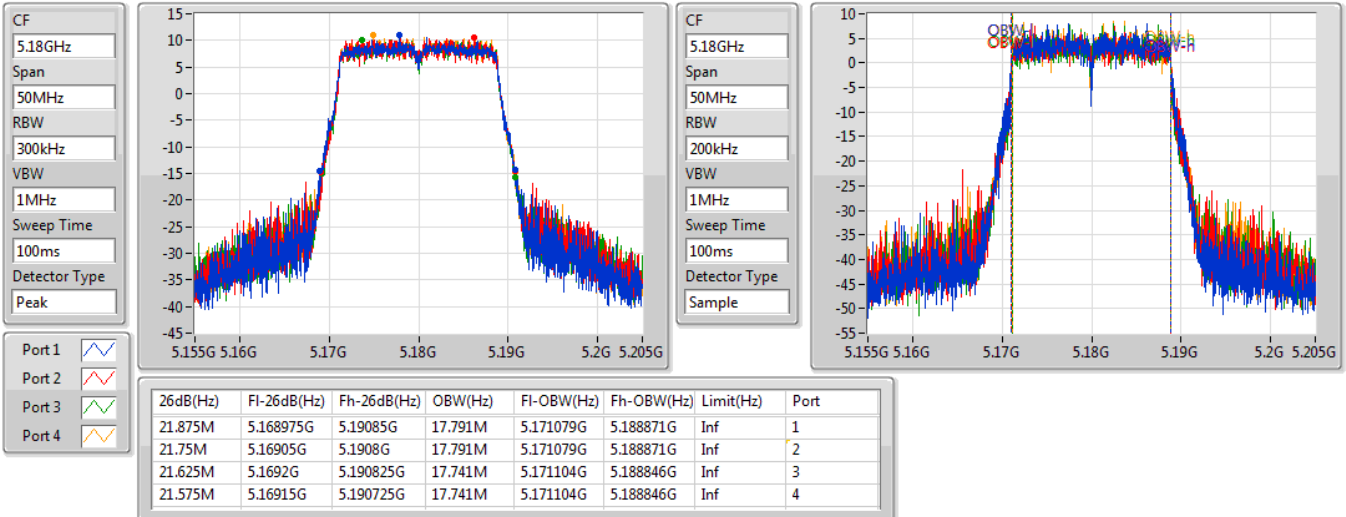
Port X-N dB = Port X 6dB down bandwidth; Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

16/11/2019

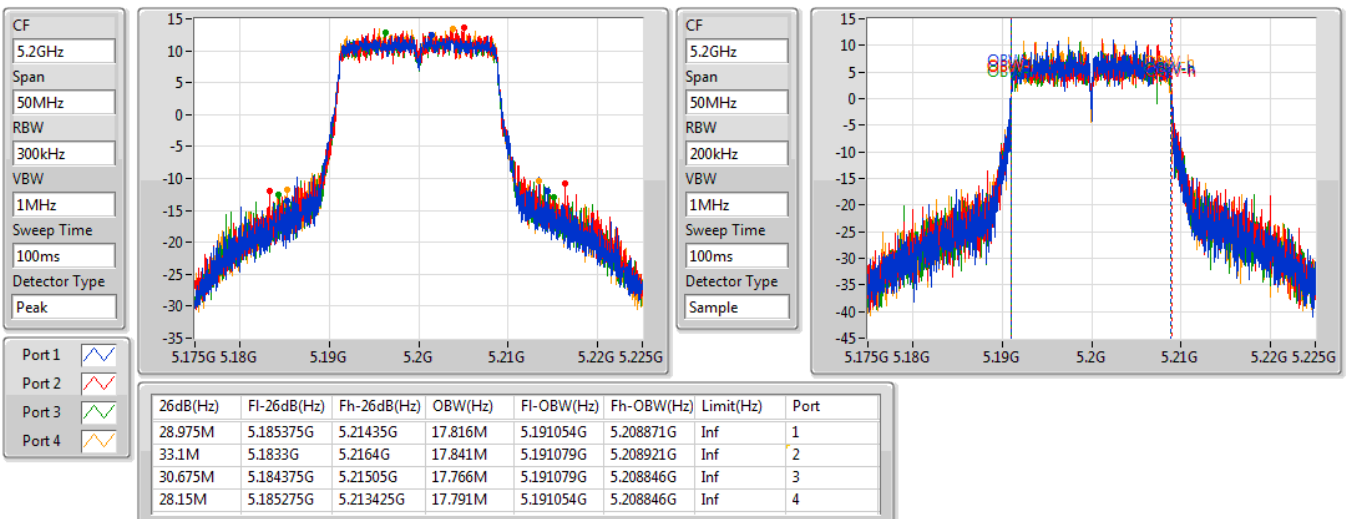


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

16/11/2019



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

16/11/2019

CF
5.24GHz

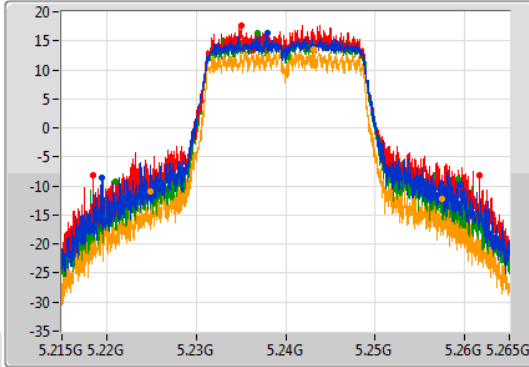
Span
50MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.24GHz

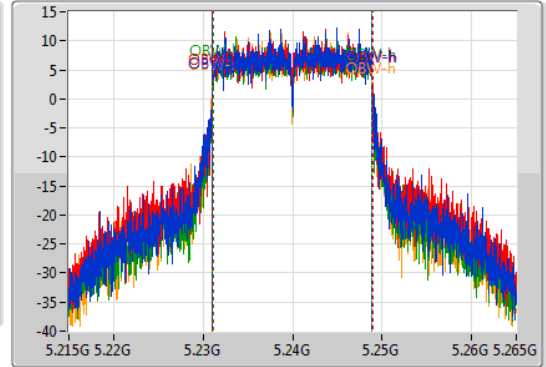
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.175M	5.21945G	5.259625G	17.816M	5.231079G	5.248896G	Inf	1
43.125M	5.2185G	5.261625G	17.891M	5.231029G	5.248921G	Inf	2
38.225M	5.221G	5.259225G	17.766M	5.231104G	5.248871G	Inf	3
32.5M	5.22495G	5.25745G	17.766M	5.231079G	5.248846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

22/11/2019

CF
5.26GHz

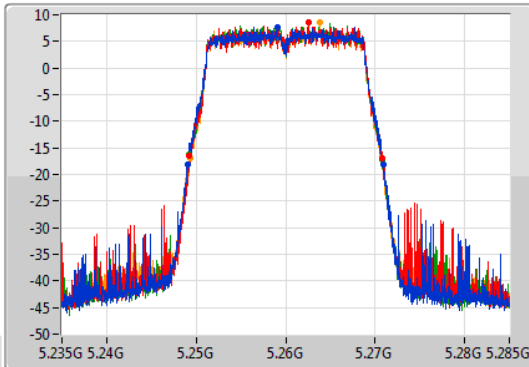
Span
50MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.26GHz

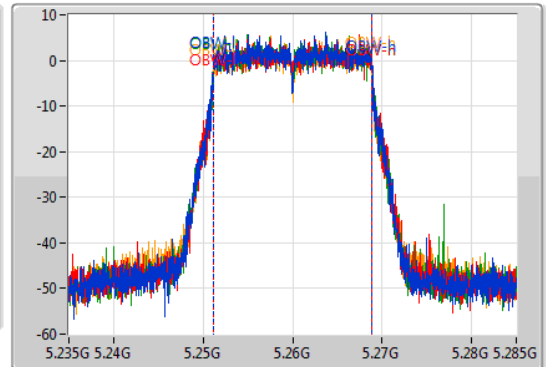
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.249025G	5.270875G	17.716M	5.251154G	5.268871G	Inf	1
21.525M	5.249275G	5.2708G	17.716M	5.251154G	5.268871G	Inf	2
21.575M	5.24925G	5.270825G	17.766M	5.251129G	5.268896G	Inf	3
21.5M	5.2493G	5.2708G	17.716M	5.251154G	5.268871G	Inf	4

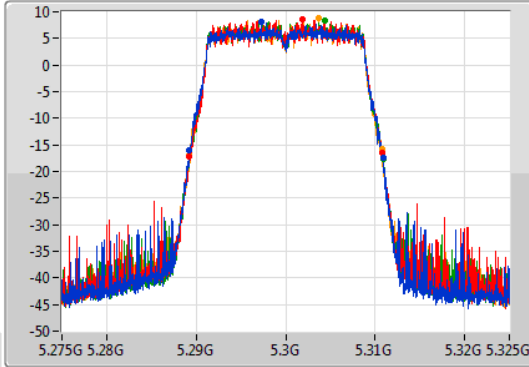
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

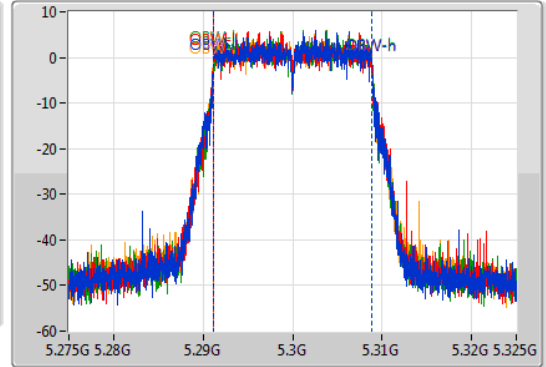
5300MHz

22/11/2019

CF: 5.3GHz
 Span: 50MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.3GHz
 Span: 50MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



Port 1: [Waveform icon]
 Port 2: [Waveform icon]
 Port 3: [Waveform icon]
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.289175G	5.31095G	17.716M	5.291154G	5.308871G	Inf	1
21.65M	5.28915G	5.3108G	17.741M	5.291129G	5.308871G	Inf	2
21.8M	5.289175G	5.310975G	17.691M	5.291154G	5.308846G	Inf	3
21.5M	5.28925G	5.31075G	17.741M	5.291129G	5.308871G	Inf	4

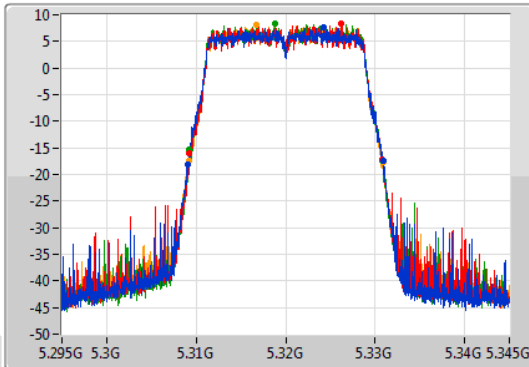
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

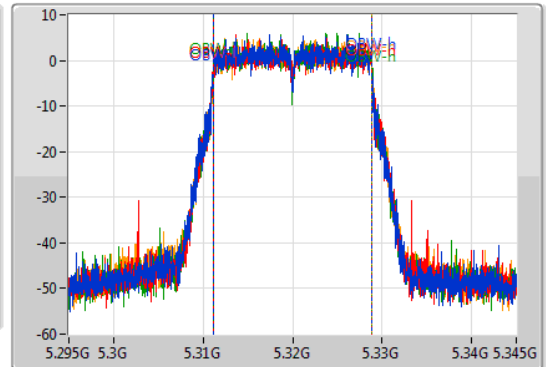
5320MHz

22/11/2019

CF: 5.32GHz
 Span: 50MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.32GHz
 Span: 50MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



Port 1: [Waveform icon]
 Port 2: [Waveform icon]
 Port 3: [Waveform icon]
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.3091G	5.330875G	17.741M	5.311104G	5.328846G	Inf	1
21.525M	5.309275G	5.3308G	17.766M	5.311104G	5.328871G	Inf	2
21.6M	5.309225G	5.330825G	17.766M	5.311129G	5.328896G	Inf	3
21.7M	5.3092G	5.3309G	17.716M	5.311129G	5.328846G	Inf	4

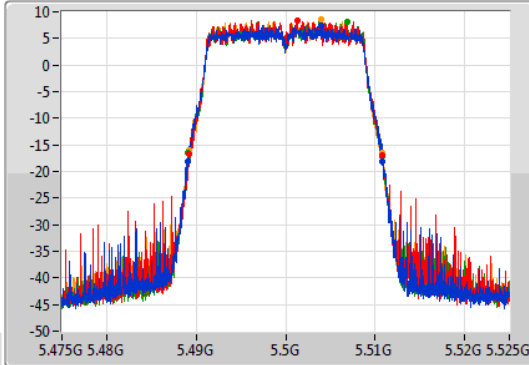
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

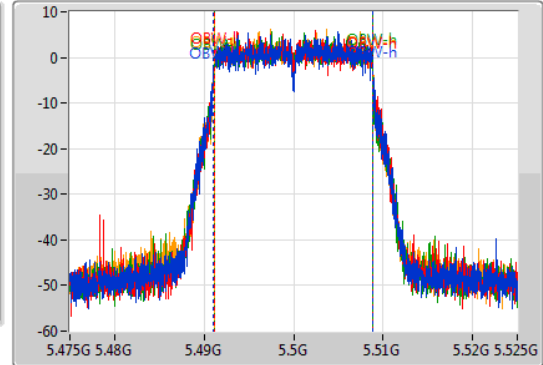
5500MHz

22/11/2019

CF
5.5GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.4891G	5.510825G	17.766M	5.491079G	5.508846G	Inf	1
21.625M	5.489175G	5.5108G	17.716M	5.491129G	5.508846G	Inf	2
21.7M	5.489125G	5.510825G	17.741M	5.491104G	5.508846G	Inf	3
21.475M	5.48925G	5.510725G	17.741M	5.491104G	5.508846G	Inf	4

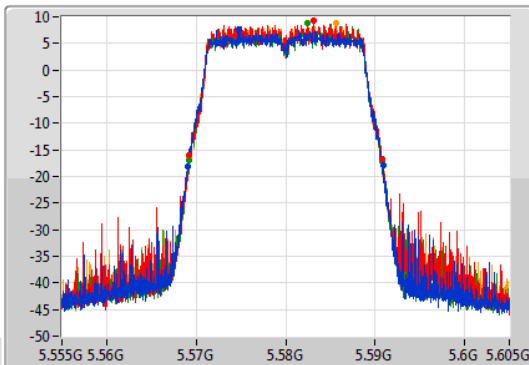
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

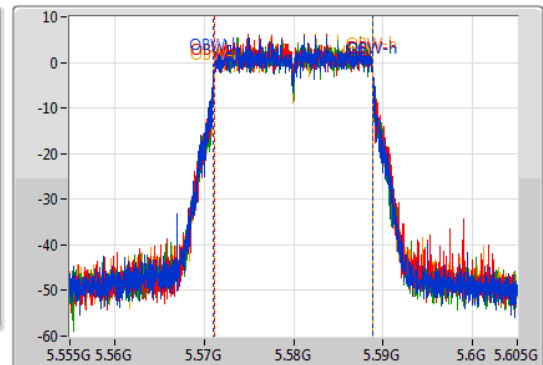
5580MHz

22/11/2019

CF
5.58GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.569025G	5.59095G	17.791M	5.571079G	5.588871G	Inf	1
21.625M	5.569175G	5.5908G	17.741M	5.571104G	5.588846G	Inf	2
21.575M	5.5692G	5.590775G	17.741M	5.571104G	5.588846G	Inf	3
21.5M	5.569225G	5.590725G	17.691M	5.571129G	5.588821G	Inf	4

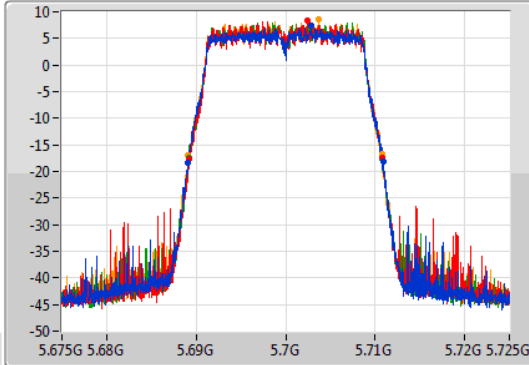
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

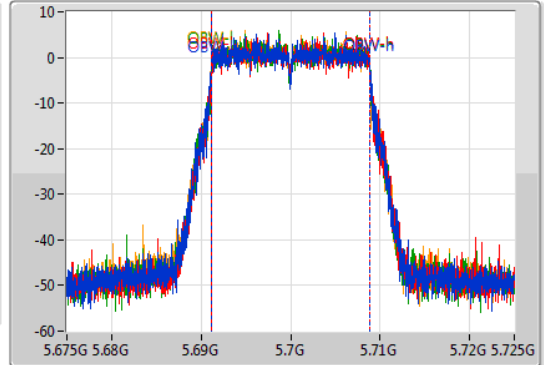
5700MHz

22/11/2019

CF: 5.7GHz
 Span: 50MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.7GHz
 Span: 50MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



Port 1: [Waveform icon]
 Port 2: [Waveform icon]
 Port 3: [Waveform icon]
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.689075G	5.710975G	17.766M	5.691104G	5.708871G	Inf	1
21.625M	5.689175G	5.7108G	17.716M	5.691129G	5.708846G	Inf	2
21.675M	5.68915G	5.710825G	17.716M	5.691129G	5.708846G	Inf	3
21.65M	5.689125G	5.710775G	17.691M	5.691129G	5.708821G	Inf	4

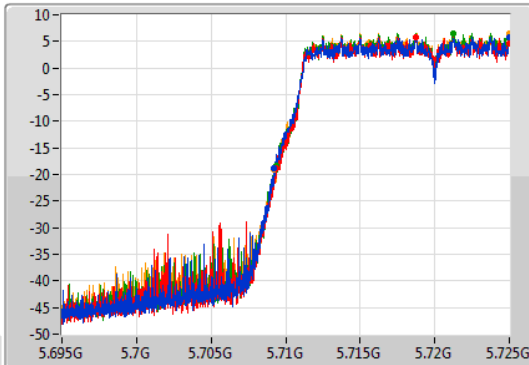
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

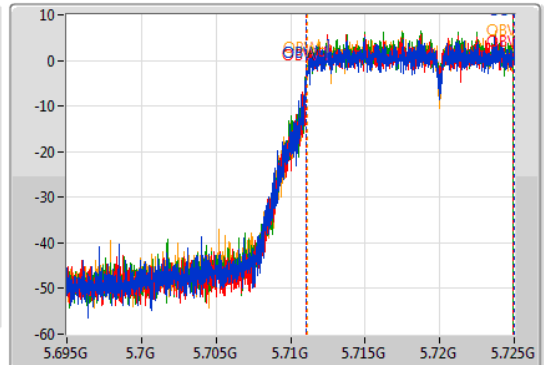
5720MHz Straddle 5.47-5.725GHz

23/11/2019

CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



Port 1: [Waveform icon]
 Port 2: [Waveform icon]
 Port 3: [Waveform icon]
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.765M	5.709235G	5.725G	13.913M	5.711049G	5.724963G	Inf	1
15.645M	5.709355G	5.725G	13.853M	5.711079G	5.724933G	Inf	2
15.615M	5.709385G	5.725G	13.883M	5.711064G	5.724948G	Inf	3
15.78M	5.70922G	5.725G	13.853M	5.711094G	5.724948G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

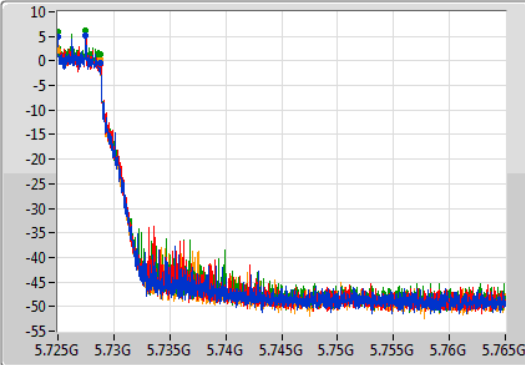
EBW

5720MHz Straddle 5.725-5.85GHz

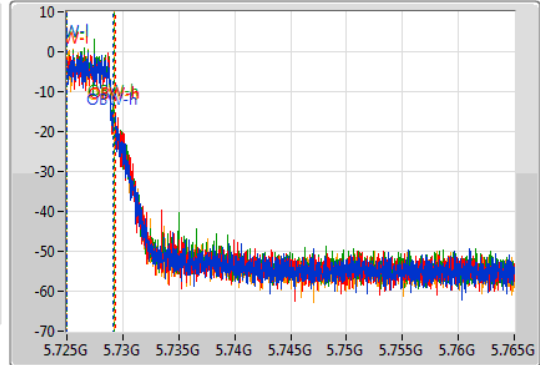
23/11/2019

CF: 5.745GHz
 Span: 40MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:
 Port 2:
 Port 3:
 Port 4:



CF: 5.745GHz
 Span: 40MHz
 RBW: 50kHz
 VBW: 200kHz
 Sweep Time: 100ms
 Detector Type: Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	4.158M	5.72501G	5.729168G	500k	1
3.78M	5.725G	5.72878G	4.298M	5.72501G	5.729308G	500k	2
3.76M	5.725G	5.72876G	4.198M	5.72501G	5.729208G	500k	3
3.76M	5.725G	5.72876G	4.198M	5.72501G	5.729208G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

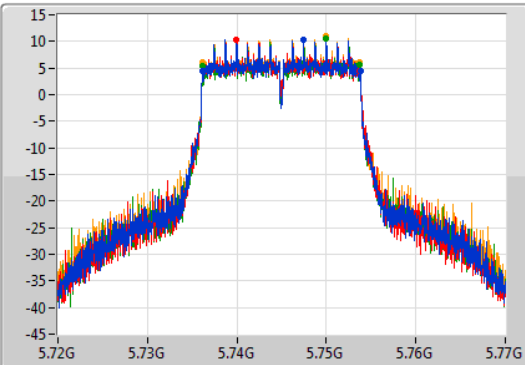
EBW

5745MHz

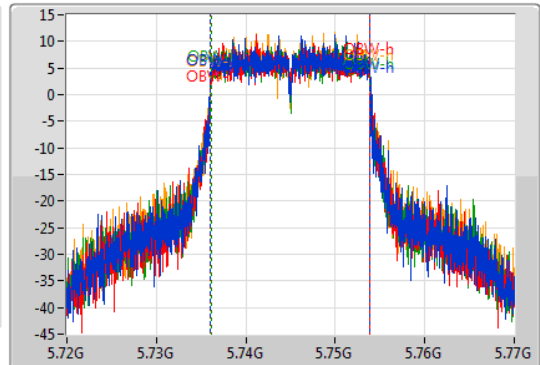
16/11/2019

CF: 5.745GHz
 Span: 50MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1:
 Port 2:
 Port 3:
 Port 4:



CF: 5.745GHz
 Span: 50MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.736175G	5.753775G	17.791M	5.736079G	5.753871G	500k	1
17.57M	5.736175G	5.75375G	17.816M	5.736054G	5.753871G	500k	2
17.55M	5.7362G	5.75375G	17.741M	5.736104G	5.753846G	500k	3
17.55M	5.7362G	5.75375G	17.766M	5.736079G	5.753846G	500k	4

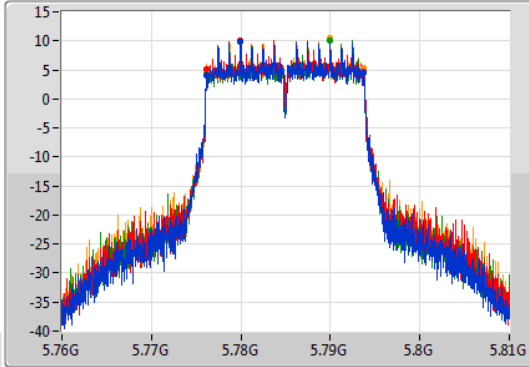
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

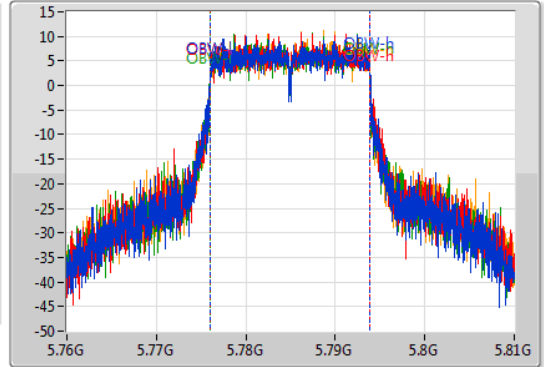
5785MHz

16/11/2019

CF
5.785GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.7762G	5.79375G	17.841M	5.776004G	5.793846G	500k	1
17.55M	5.7762G	5.79375G	17.791M	5.776079G	5.793871G	500k	2
17.575M	5.776175G	5.79375G	17.816M	5.776054G	5.793871G	500k	3
17.575M	5.776175G	5.79375G	17.741M	5.776079G	5.793821G	500k	4

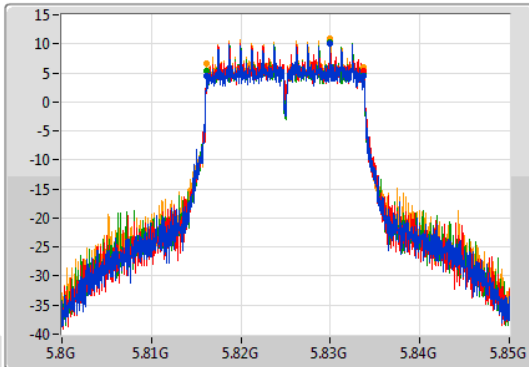
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

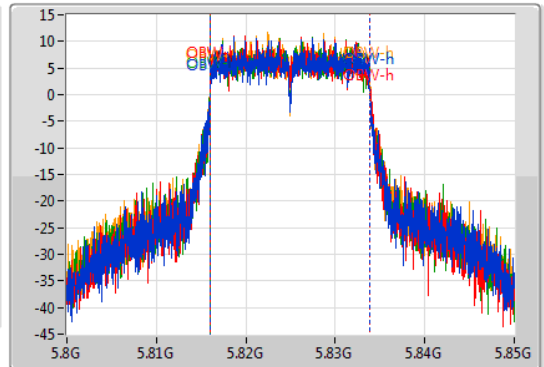
5825MHz

16/11/2019

CF
5.825GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.825GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.8162G	5.83375G	17.816M	5.816029G	5.833846G	500k	1
17.575M	5.816175G	5.83375G	17.791M	5.816079G	5.833871G	500k	2
17.55M	5.8162G	5.83375G	17.791M	5.816054G	5.833846G	500k	3
17.55M	5.8162G	5.83375G	17.791M	5.816079G	5.833871G	500k	4

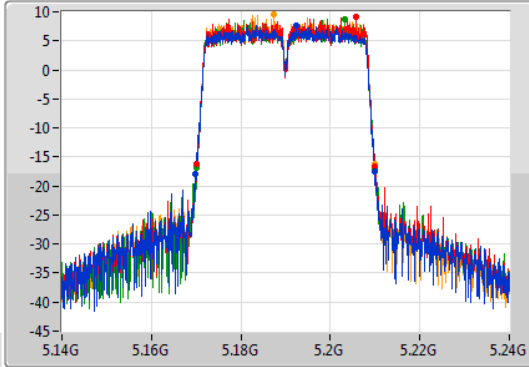
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

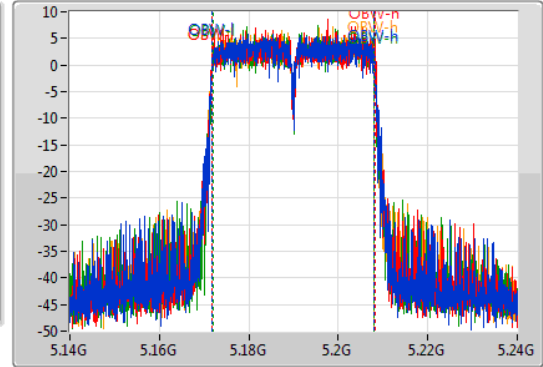
5190MHz

16/11/2019

CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.1698G	5.21G	36.282M	5.171809G	5.208091G	Inf	1
39.9M	5.1701G	5.21G	36.282M	5.171859G	5.208141G	Inf	2
39.95M	5.17G	5.20995G	36.132M	5.171909G	5.208041G	Inf	3
39.85M	5.17G	5.20985G	36.282M	5.171809G	5.208091G	Inf	4

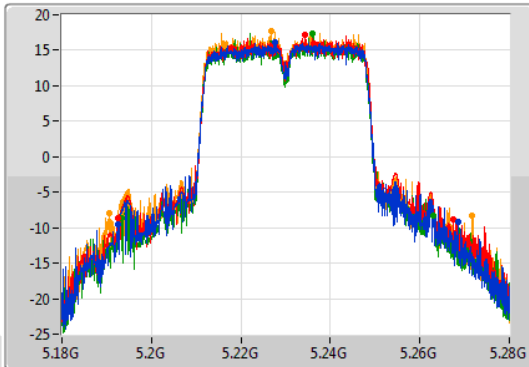
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

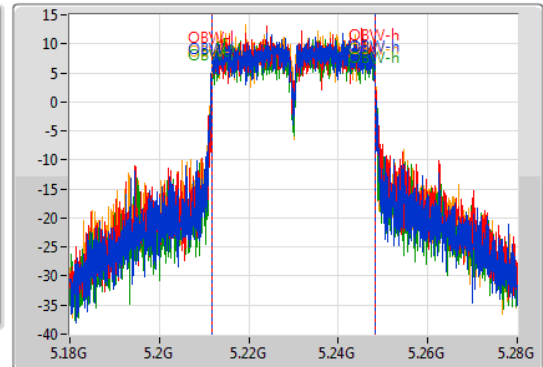
5230MHz

16/11/2019

CF
5.23GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.95M	5.19255G	5.2685G	36.382M	5.211759G	5.248141G	Inf	1
74.8M	5.19265G	5.26745G	36.482M	5.211759G	5.248241G	Inf	2
69.5M	5.1935G	5.263G	36.282M	5.211859G	5.248141G	Inf	3
81.1M	5.19055G	5.27165G	36.432M	5.211709G	5.248141G	Inf	4

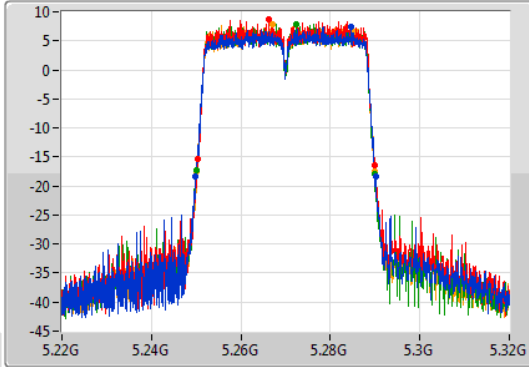
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

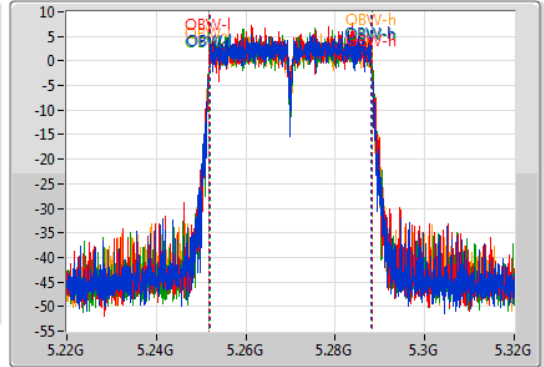
5270MHz

23/11/2019

CF
5.27GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.2499G	5.2901G	36.132M	5.251909G	5.288041G	Inf	1
39.7M	5.25025G	5.28995G	36.382M	5.251809G	5.288191G	Inf	2
39.9M	5.25G	5.2899G	36.332M	5.251859G	5.288191G	Inf	3
39.9M	5.25G	5.2899G	36.282M	5.251859G	5.288141G	Inf	4

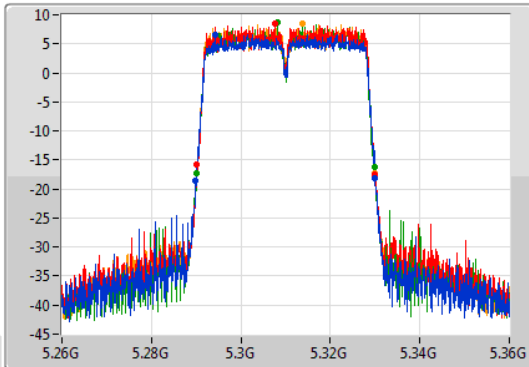
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

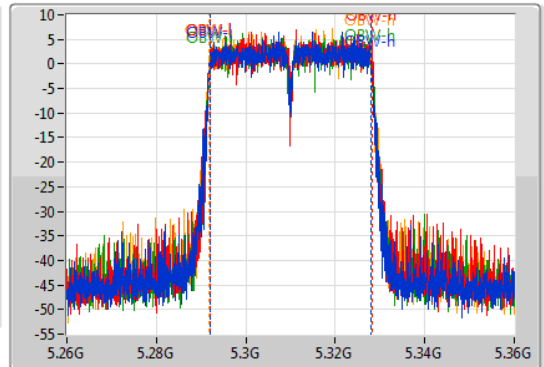
5310MHz

23/11/2019

CF
5.31GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.31GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.2899G	5.33005G	36.182M	5.291909G	5.328091G	Inf	1
39.9M	5.29015G	5.33005G	36.282M	5.291909G	5.328191G	Inf	2
39.8M	5.29015G	5.32995G	36.182M	5.291909G	5.328091G	Inf	3
39.9M	5.29G	5.3299G	36.232M	5.291859G	5.328091G	Inf	4

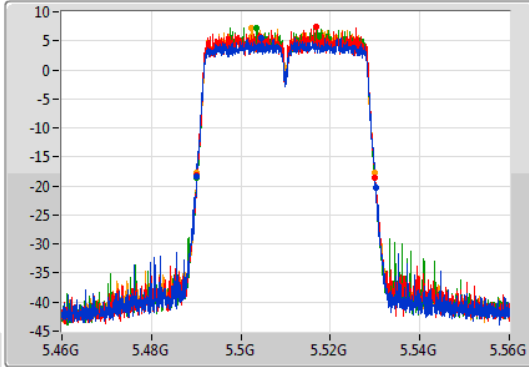
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

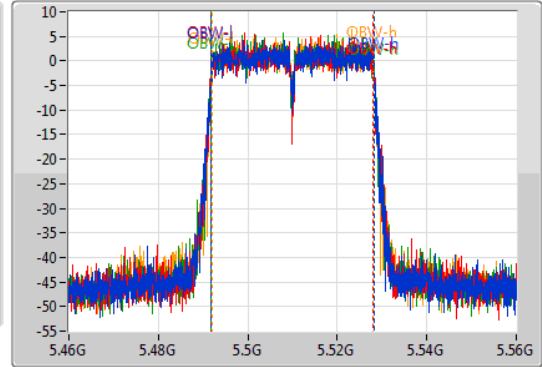
5510MHz

23/11/2019

CF
5.51GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.51GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.49005G	5.53015G	36.282M	5.491859G	5.528141G	Inf	1
39.8M	5.4902G	5.53G	36.282M	5.491809G	5.528091G	Inf	2
39.85M	5.4901G	5.52995G	36.332M	5.491859G	5.528191G	Inf	3
39.8M	5.4902G	5.53G	36.182M	5.491909G	5.528091G	Inf	4

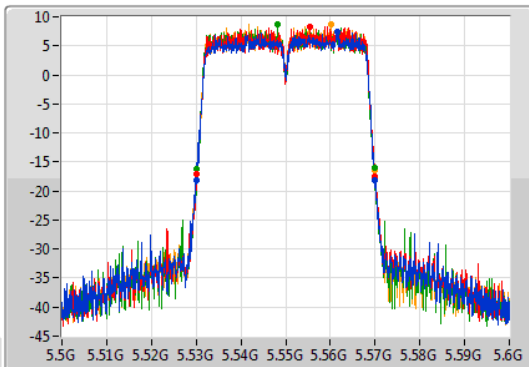
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

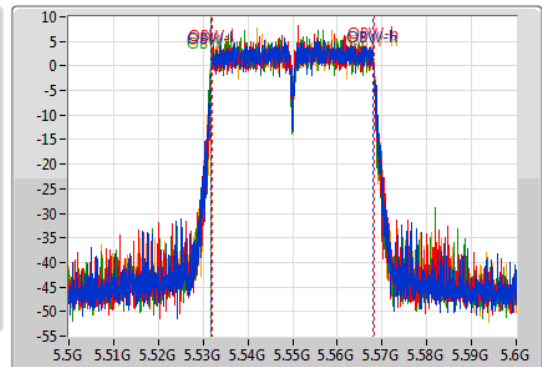
5550MHz

23/11/2019

CF
5.55GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.55GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.52995G	5.57G	36.232M	5.531859G	5.568091G	Inf	1
39.95M	5.53005G	5.57G	36.232M	5.531909G	5.568141G	Inf	2
39.75M	5.53015G	5.5699G	36.282M	5.531809G	5.568091G	Inf	3
39.8M	5.5301G	5.5699G	36.282M	5.531859G	5.568141G	Inf	4

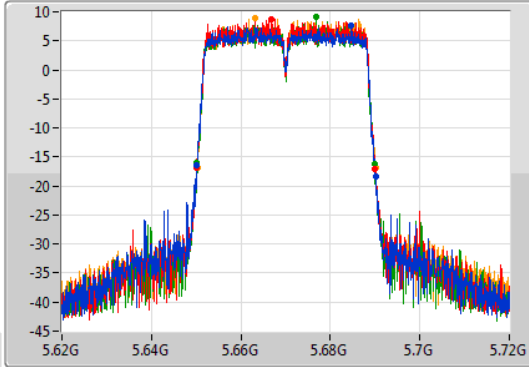
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

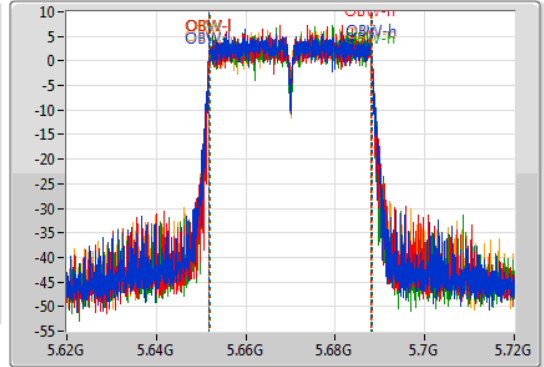
5670MHz

23/11/2019

CF
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.65G	5.6901G	36.282M	5.651859G	5.688141G	Inf	1
39.85M	5.65015G	5.69G	36.232M	5.651859G	5.688091G	Inf	2
39.7M	5.65015G	5.68985G	36.182M	5.651909G	5.688091G	Inf	3
39.85M	5.65025G	5.6901G	36.282M	5.651859G	5.688141G	Inf	4

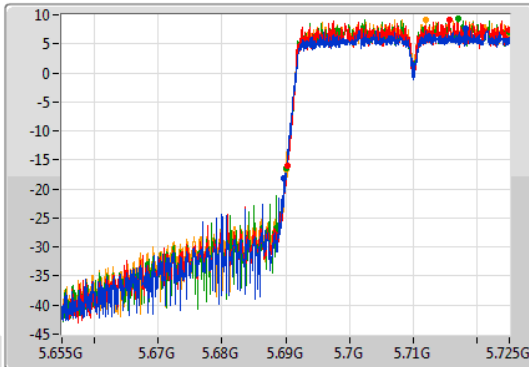
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

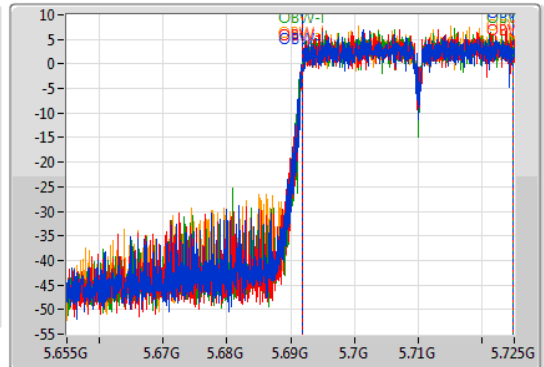
5710MHz Straddle 5.47-5.725GHz

23/11/2019

CF
5.69GHz
Span
70MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.69GHz
Span
70MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



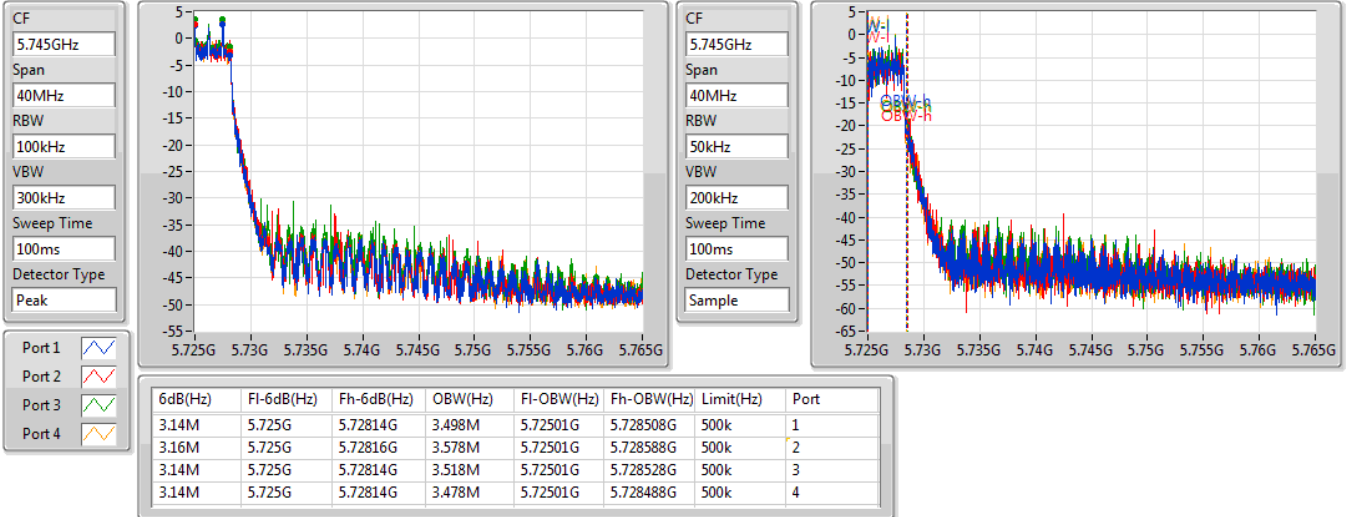
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.245M	5.689755G	5.725G	33.023M	5.691819G	5.724843G	Inf	1
34.79M	5.69021G	5.725G	32.989M	5.691854G	5.724843G	Inf	2
34.895M	5.690105G	5.725G	32.954M	5.691819G	5.724773G	Inf	3
34.93M	5.69007G	5.725G	32.954M	5.691854G	5.724808G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/11/2019

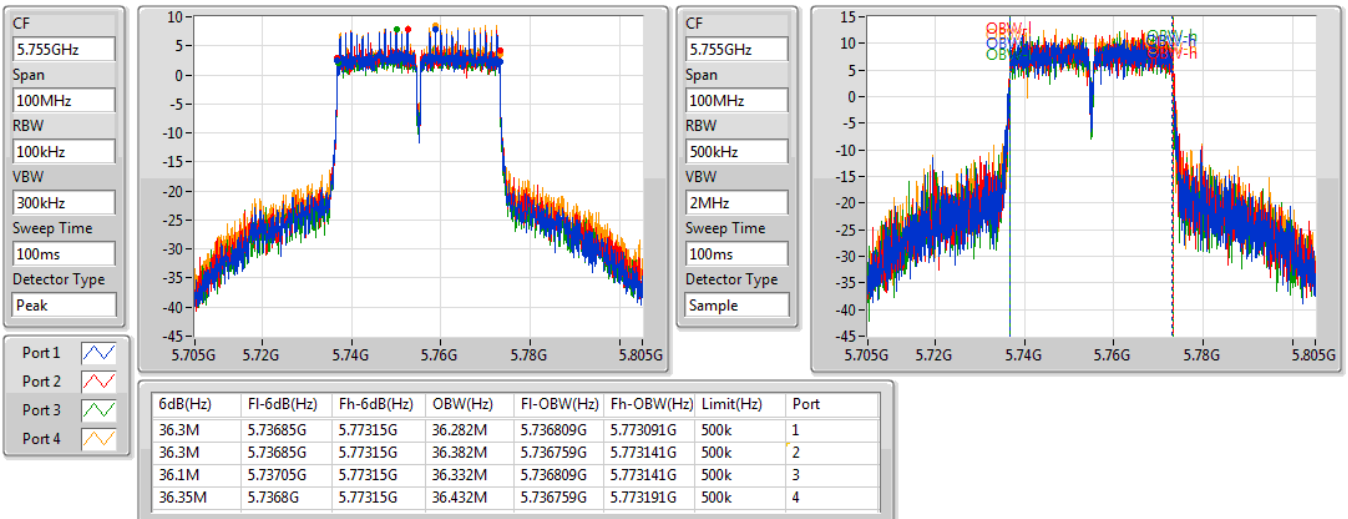


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

16/11/2019



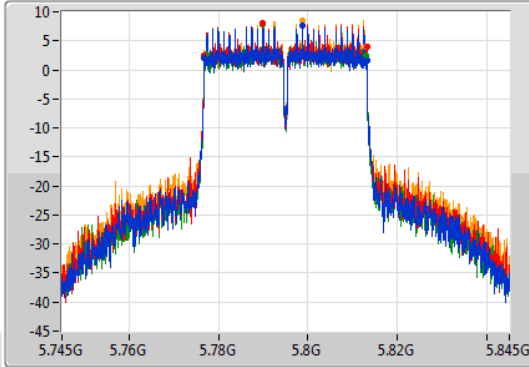
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

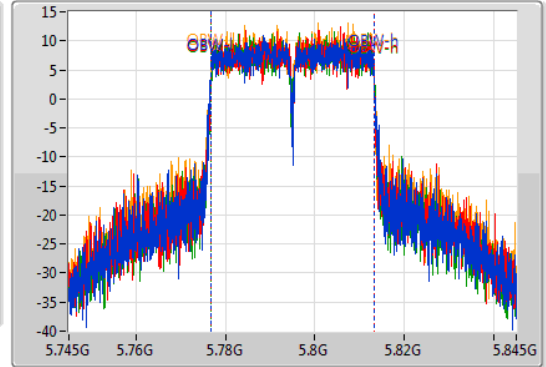
5795MHz

16/11/2019

CF: 5.795GHz
 Span: 100MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.795GHz
 Span: 100MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77685G	5.81315G	36.482M	5.776709G	5.813191G	500k	1
36.35M	5.7768G	5.81315G	36.382M	5.776759G	5.813141G	500k	2
35.9M	5.7772G	5.8131G	36.282M	5.776859G	5.813141G	500k	3
36.3M	5.7768G	5.8131G	36.382M	5.776759G	5.813141G	500k	4

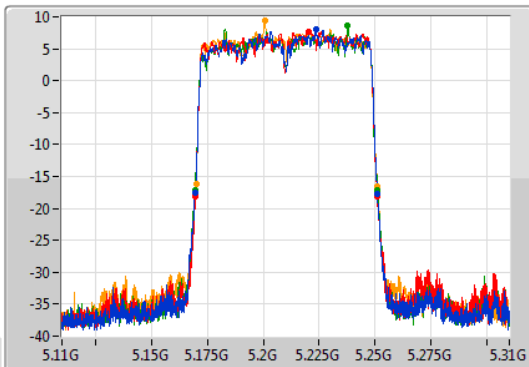
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

16/11/2019

CF: 5.21GHz
 Span: 200MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.21GHz
 Span: 200MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.1695G	5.251G	75.662M	5.172219G	5.247881G	Inf	1
81.5M	5.1696G	5.2511G	75.762M	5.172219G	5.247981G	Inf	2
81.7M	5.1694G	5.2511G	75.762M	5.172219G	5.247981G	Inf	3
81M	5.17G	5.251G	75.662M	5.172219G	5.247881G	Inf	4

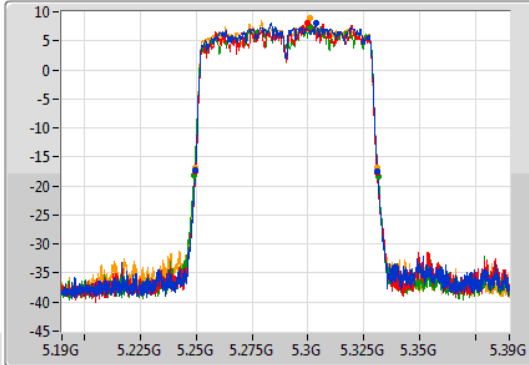
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

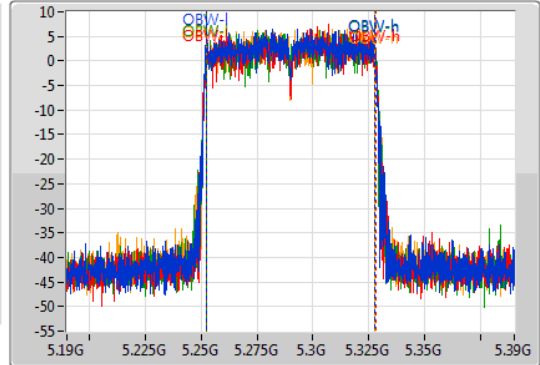
5290MHz

23/11/2019

CF
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.2496G	5.3311G	75.762M	5.252119G	5.327881G	Inf	1
81.1M	5.2498G	5.3309G	75.862M	5.252219G	5.328081G	Inf	2
82.4M	5.249G	5.3314G	75.662M	5.252219G	5.327881G	Inf	3
81.6M	5.2495G	5.3311G	75.562M	5.252319G	5.327881G	Inf	4

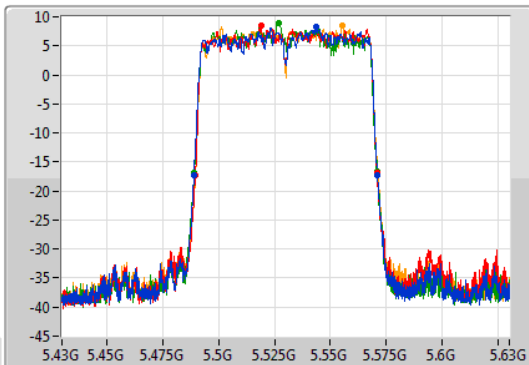
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

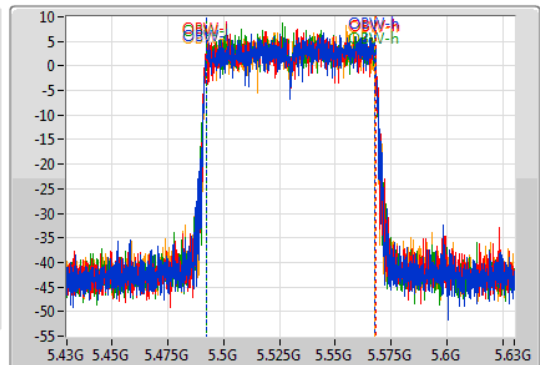
5530MHz

23/11/2019

CF
5.53GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.489G	5.571G	75.762M	5.492119G	5.567881G	Inf	1
81.3M	5.4896G	5.5709G	75.862M	5.492119G	5.567981G	Inf	2
81.9M	5.4891G	5.571G	75.662M	5.492219G	5.567881G	Inf	3
81.5M	5.4897G	5.5712G	75.562M	5.492219G	5.567781G	Inf	4

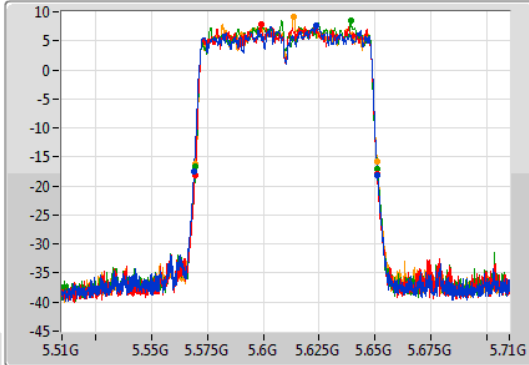
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

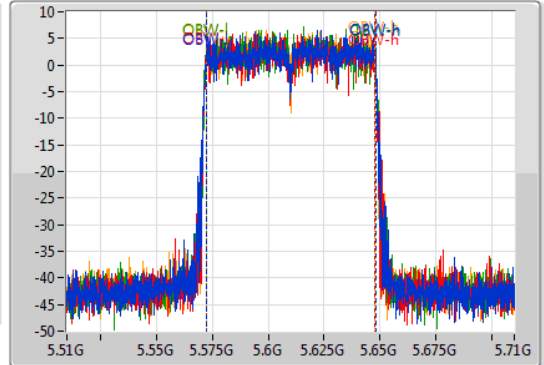
5610MHz

23/11/2019

CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.569G	5.6511G	75.762M	5.572219G	5.647981G	Inf	1
81.5M	5.5695G	5.651G	75.762M	5.572119G	5.647881G	Inf	2
81.3M	5.5698G	5.6511G	75.862M	5.572119G	5.647981G	Inf	3
81.3M	5.5696G	5.6509G	75.662M	5.572219G	5.647881G	Inf	4

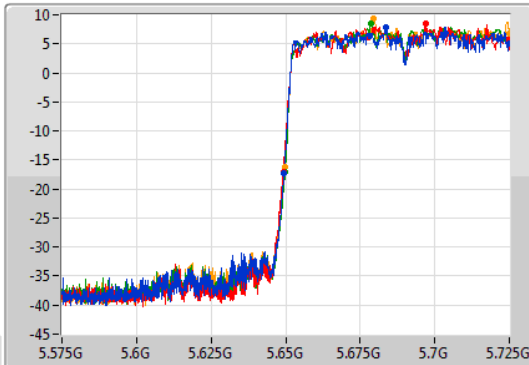
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

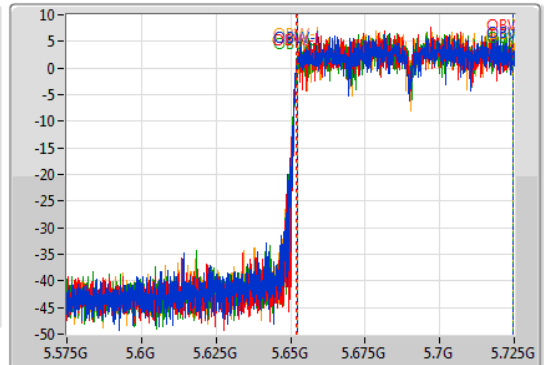
5690MHz Straddle 5.47-5.725GHz

23/11/2019

CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.65GHz
Span
150MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

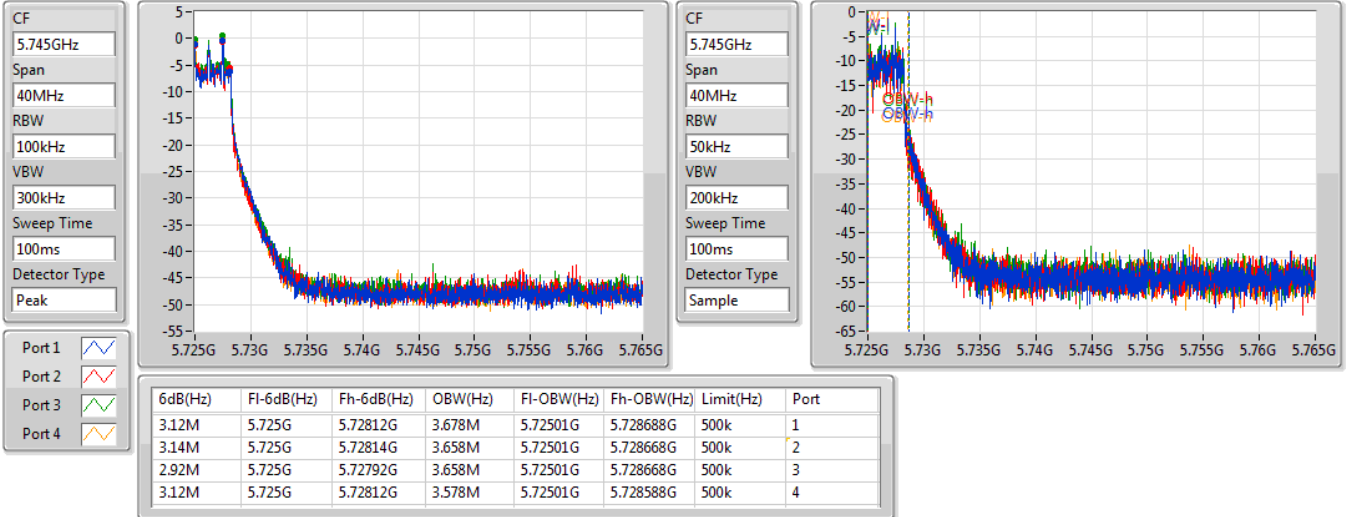
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	72.489M	5.652099G	5.724588G	Inf	1
75.825M	5.649175G	5.725G	72.564M	5.652024G	5.724588G	Inf	2
75.3M	5.6497G	5.725G	72.414M	5.652174G	5.724588G	Inf	3
75.15M	5.64985G	5.725G	72.489M	5.652174G	5.724663G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

23/11/2019

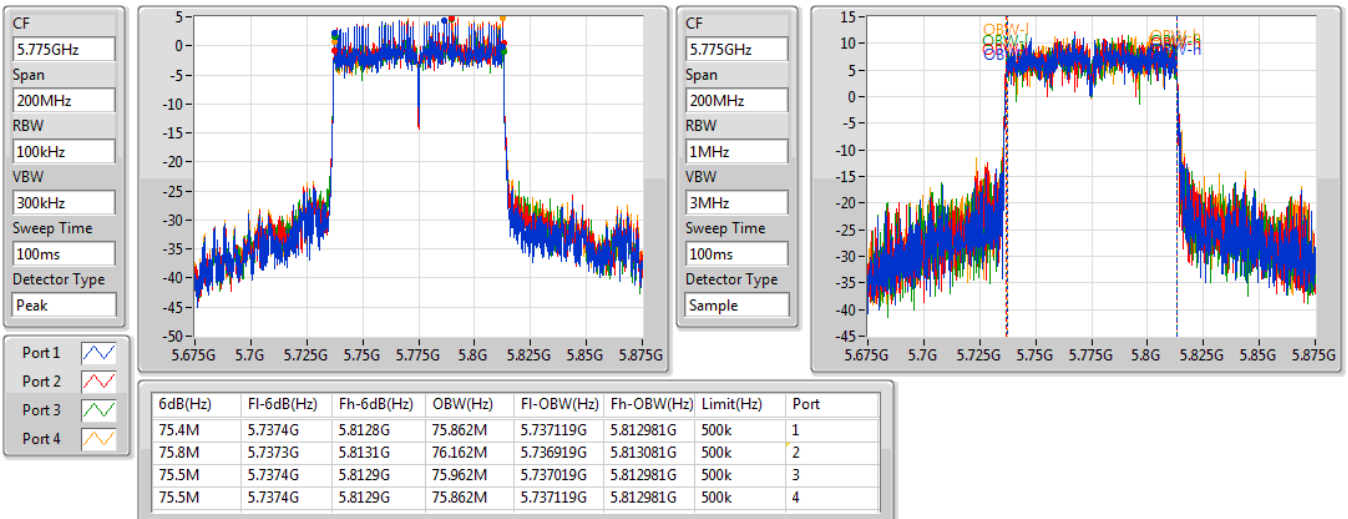


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

16/11/2019





**For Client Mode Band 1:
For non-beamforming mode:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.7M	16.592M	16M6D1D	21.35M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.8M	17.791M	17M8D1D	21.55M	17.691M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.7M	36.332M	36M3D1D	39.7M	36.132M
802.11ac VHT80_Nss1,(MCS0)_4TX	82M	75.962M	76M0D1D	81.5M	75.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.475M	16.517M	21.425M	16.567M	21.35M	16.592M	21.4M	16.567M
5200MHz	Pass	Inf	21.35M	16.542M	21.7M	16.592M	21.375M	16.542M	21.45M	16.542M
5240MHz	Pass	Inf	21.5M	16.542M	21.575M	16.592M	21.425M	16.542M	21.4M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	17.716M	21.8M	17.691M	21.55M	17.741M	21.55M	17.691M
5200MHz	Pass	Inf	21.55M	17.716M	21.75M	17.741M	21.55M	17.741M	21.65M	17.691M
5240MHz	Pass	Inf	21.65M	17.791M	21.775M	17.716M	21.55M	17.741M	21.55M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.7M	36.332M	40.1M	36.182M	39.7M	36.182M	39.8M	36.182M
5230MHz	Pass	Inf	39.9M	36.232M	40.7M	36.232M	40.05M	36.132M	39.7M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82M	75.762M	81.9M	75.662M	81.5M	75.962M	81.9M	75.662M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

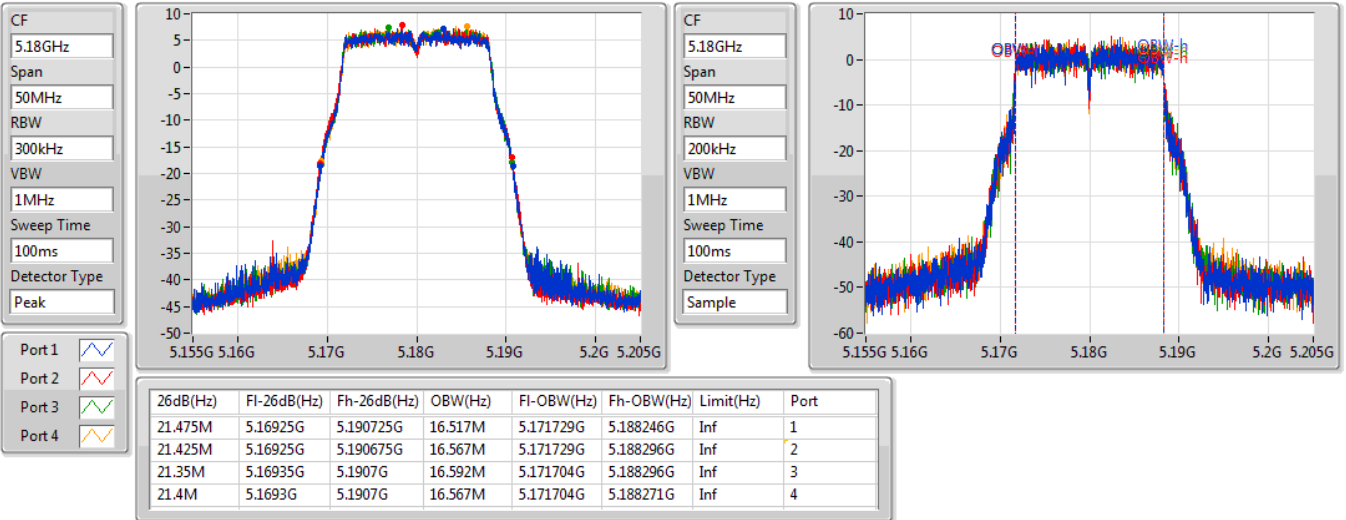
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

16/11/2019

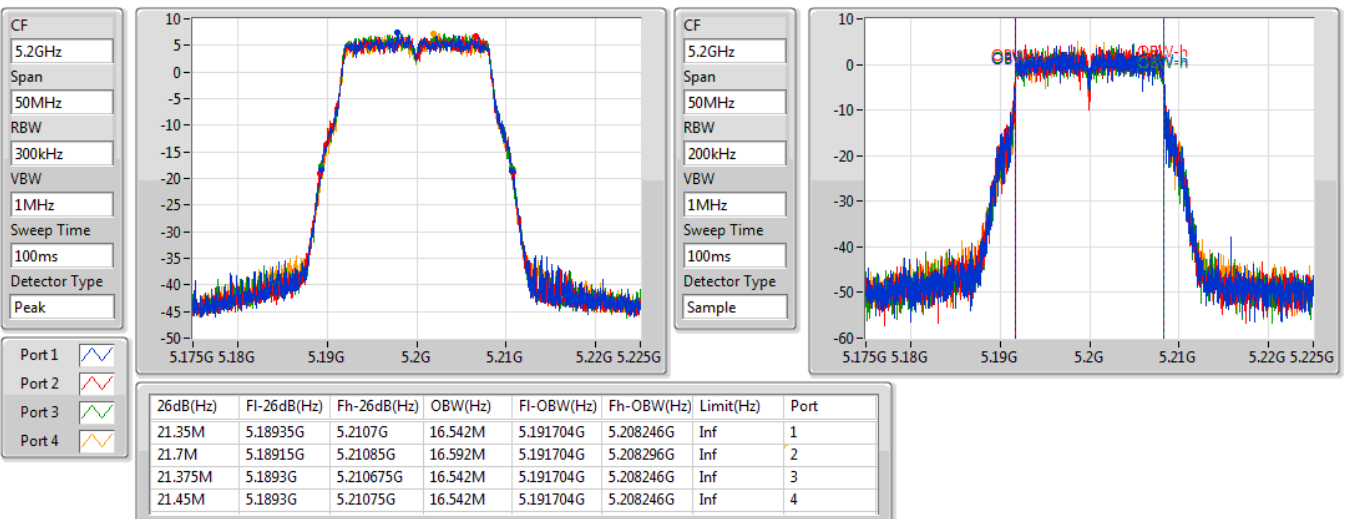


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

16/11/2019



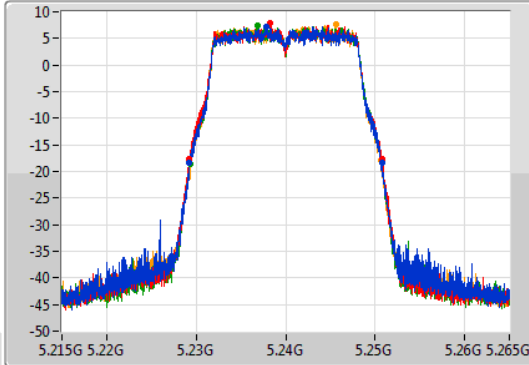
802.11a_Nss1,(6Mbps)_4TX

EBW

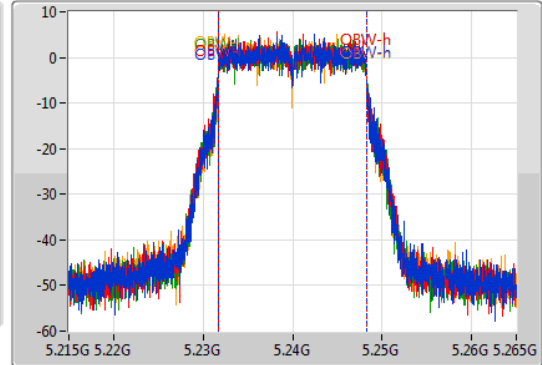
5240MHz

16/11/2019

CF
5.24GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.22925G	5.25075G	16.542M	5.231679G	5.248221G	Inf	1
21.575M	5.229225G	5.2508G	16.592M	5.231679G	5.248271G	Inf	2
21.425M	5.2293G	5.250725G	16.542M	5.231704G	5.248246G	Inf	3
21.4M	5.229275G	5.250675G	16.517M	5.231729G	5.248246G	Inf	4

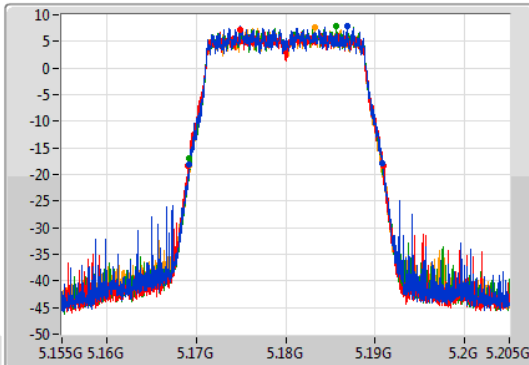
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

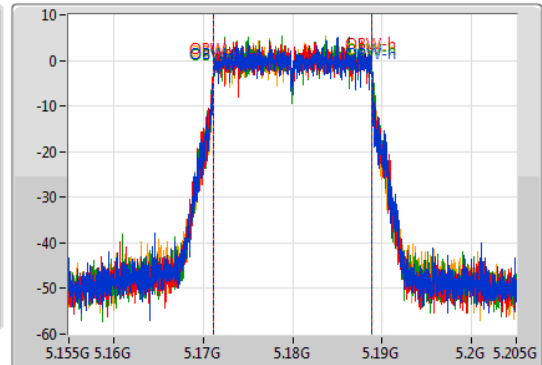
5180MHz

16/11/2019

CF
5.18GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.16925G	5.19085G	17.716M	5.171154G	5.188871G	Inf	1
21.8M	5.169075G	5.190875G	17.691M	5.171129G	5.188821G	Inf	2
21.55M	5.169275G	5.190825G	17.741M	5.171129G	5.188871G	Inf	3
21.55M	5.1692G	5.19075G	17.691M	5.171129G	5.188821G	Inf	4

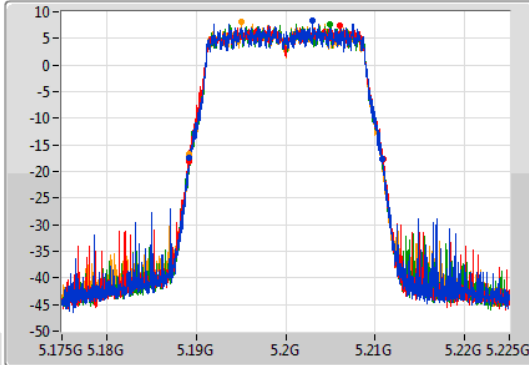
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

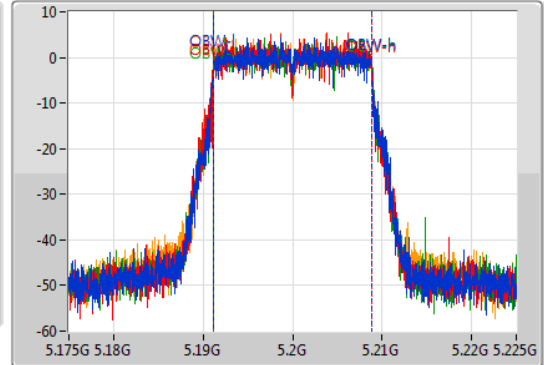
5200MHz

16/11/2019

CF
5.2GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.55M	5.189275G	5.210825G	17.716M	5.191129G	5.208846G	Inf	1
21.75M	5.18915G	5.2109G	17.741M	5.191129G	5.208871G	Inf	2
21.55M	5.189225G	5.210775G	17.741M	5.191129G	5.208871G	Inf	3
21.65M	5.18925G	5.2109G	17.691M	5.191154G	5.208846G	Inf	4

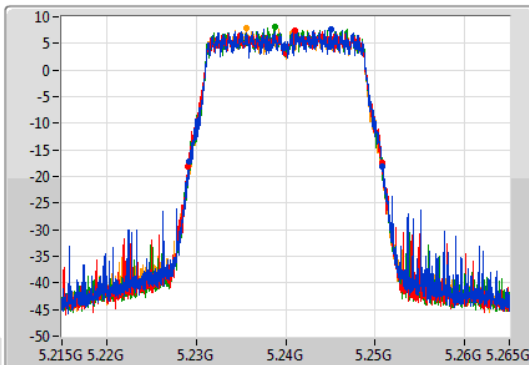
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

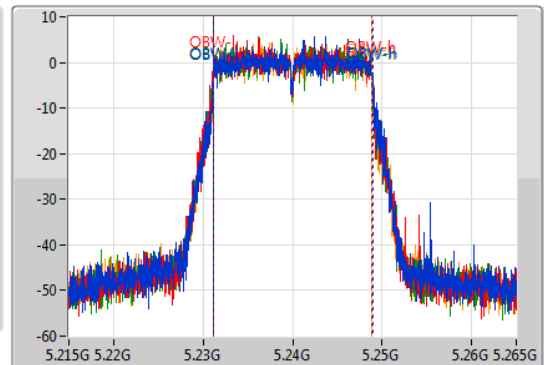
5240MHz

16/11/2019

CF
5.24GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.2292G	5.25085G	17.791M	5.231129G	5.248921G	Inf	1
21.775M	5.229075G	5.25085G	17.716M	5.231104G	5.248821G	Inf	2
21.55M	5.229225G	5.250775G	17.741M	5.231104G	5.248846G	Inf	3
21.55M	5.229275G	5.250825G	17.716M	5.231104G	5.248821G	Inf	4

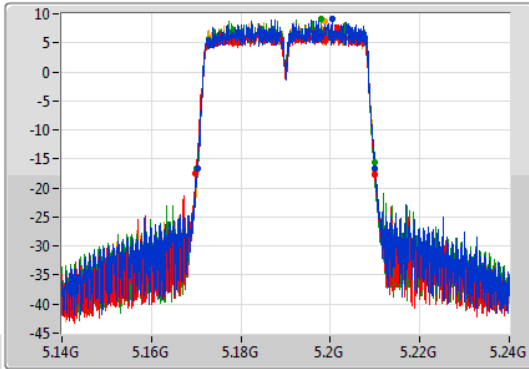
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

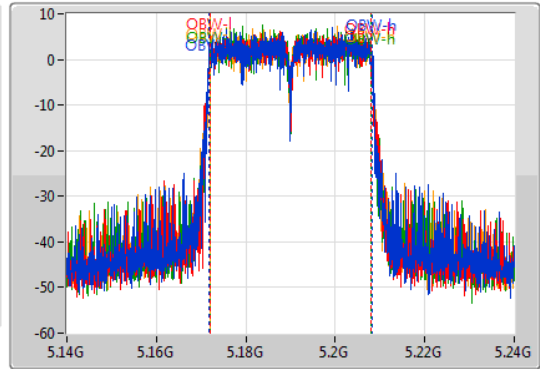
5190MHz

16/11/2019

CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.7M	5.1703G	5.21G	36.332M	5.171809G	5.208141G	Inf	1
40.1M	5.1699G	5.21G	36.182M	5.171909G	5.208091G	Inf	2
39.7M	5.1702G	5.2099G	36.182M	5.171909G	5.208091G	Inf	3
39.8M	5.1702G	5.21G	36.182M	5.171909G	5.208091G	Inf	4

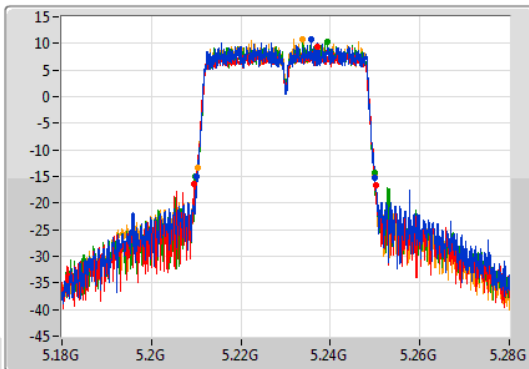
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

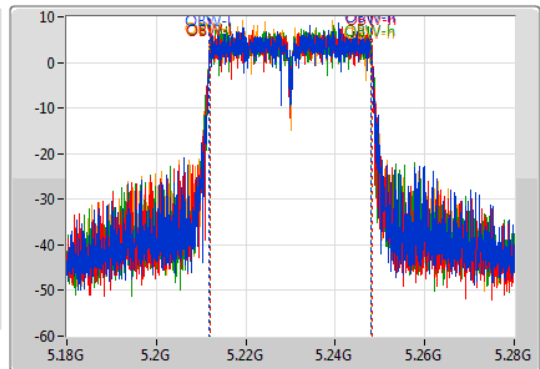
5230MHz

16/11/2019

CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.2101G	5.25G	36.232M	5.211859G	5.248091G	Inf	1
40.7M	5.2094G	5.2501G	36.232M	5.211909G	5.248141G	Inf	2
40.05M	5.2098G	5.24985G	36.132M	5.211959G	5.248091G	Inf	3
39.7M	5.2103G	5.25G	36.232M	5.211859G	5.248091G	Inf	4

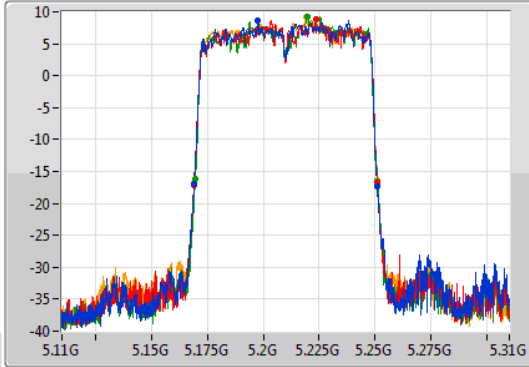
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

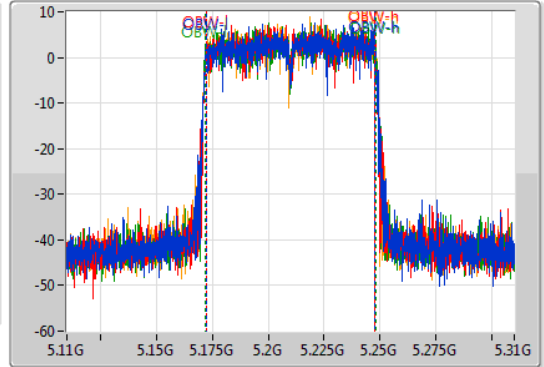
5210MHz

16/11/2019

CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.169G	5.251G	75.762M	5.172119G	5.247881G	Inf	1
81.9M	5.1691G	5.251G	75.662M	5.172219G	5.247881G	Inf	2
81.5M	5.1696G	5.2511G	75.962M	5.172019G	5.247981G	Inf	3
81.9M	5.1692G	5.2511G	75.662M	5.172219G	5.247881G	Inf	4



For beamforming mode:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.925M	17.766M	17M8D1D	21.475M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.1M	36.282M	36M3D1D	39.75M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.7M	75.862M	75M9D1D	80.9M	75.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.925M	17.716M	21.65M	17.766M	21.725M	17.741M	21.65M	17.741M
5200MHz	Pass	Inf	21.775M	17.741M	21.75M	17.766M	21.625M	17.716M	21.475M	17.716M
5240MHz	Pass	Inf	21.9M	17.741M	21.625M	17.716M	21.625M	17.741M	21.625M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	36.232M	39.9M	36.282M	39.95M	36.182M	39.8M	36.232M
5230MHz	Pass	Inf	40.1M	36.282M	39.75M	36.232M	39.75M	36.232M	39.9M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	75.862M	81.5M	75.862M	81.1M	75.762M	80.9M	75.862M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth;

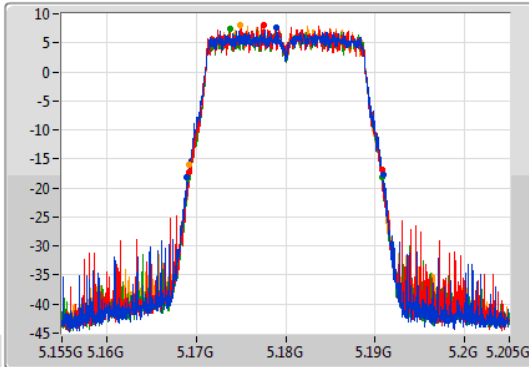
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

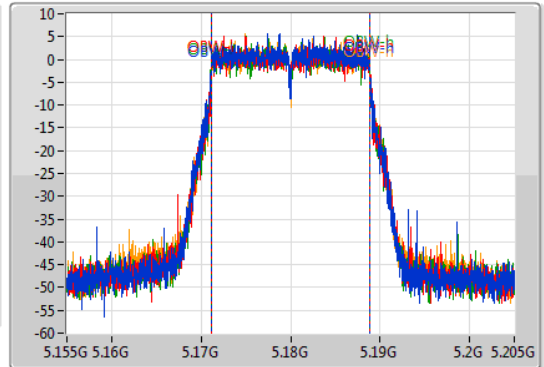
5180MHz

16/11/2019

CF
5.18GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.168975G	5.1909G	17.716M	5.171129G	5.188846G	Inf	1
21.65M	5.16915G	5.1908G	17.766M	5.171129G	5.188896G	Inf	2
21.725M	5.169025G	5.19075G	17.741M	5.171104G	5.188846G	Inf	3
21.65M	5.1692G	5.19085G	17.741M	5.171129G	5.188871G	Inf	4

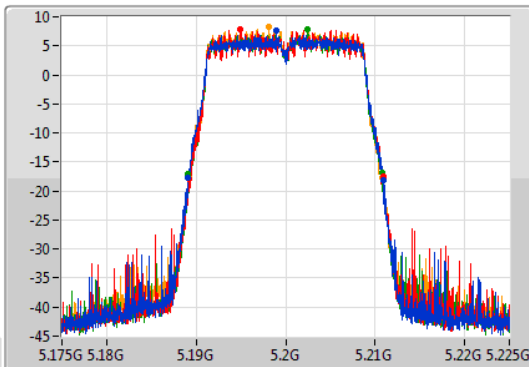
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

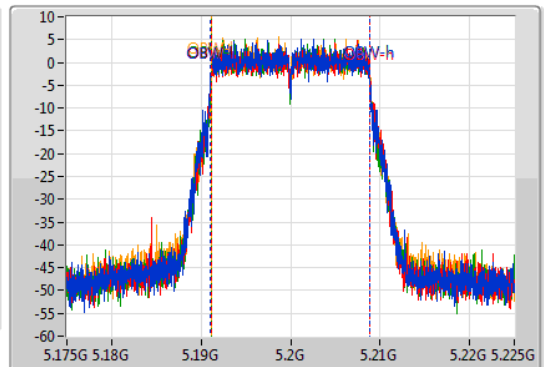
5200MHz

16/11/2019

CF
5.2GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.189125G	5.2109G	17.741M	5.191079G	5.208821G	Inf	1
21.75M	5.189175G	5.210925G	17.766M	5.191129G	5.208896G	Inf	2
21.625M	5.189125G	5.21075G	17.716M	5.191129G	5.208846G	Inf	3
21.475M	5.18925G	5.210725G	17.716M	5.191129G	5.208846G	Inf	4

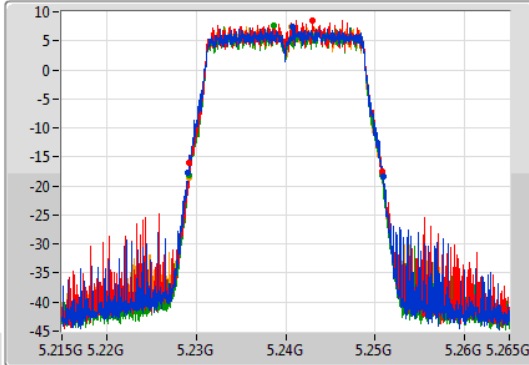
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

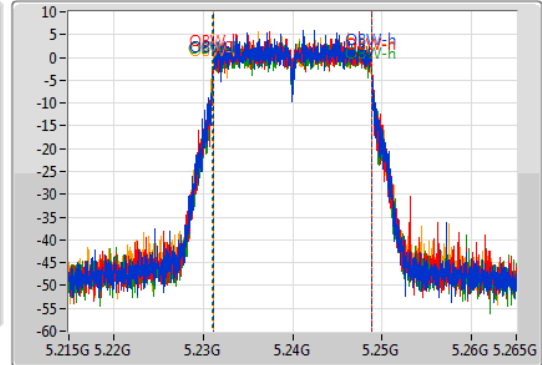
5240MHz

16/11/2019

CF
5.24GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.24GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.2291G	5.251G	17.741M	5.231104G	5.248846G	Inf	1
21.625M	5.2292G	5.250825G	17.716M	5.231129G	5.248846G	Inf	2
21.625M	5.229175G	5.2508G	17.741M	5.231079G	5.248821G	Inf	3
21.625M	5.229175G	5.2508G	17.741M	5.231104G	5.248846G	Inf	4

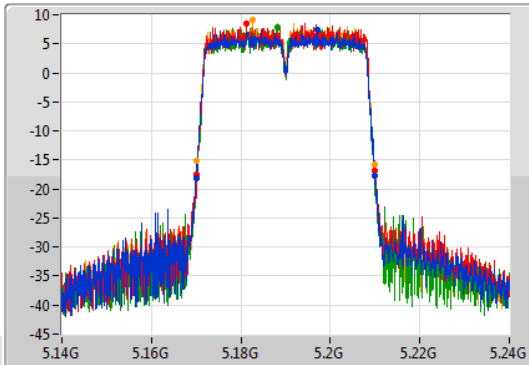
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

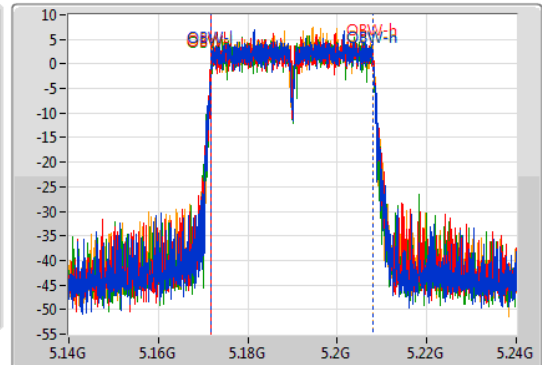
5190MHz

16/11/2019

CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.16995G	5.21005G	36.232M	5.171859G	5.208091G	Inf	1
39.9M	5.1701G	5.21G	36.282M	5.171809G	5.208091G	Inf	2
39.95M	5.17G	5.20995G	36.182M	5.171859G	5.208041G	Inf	3
39.8M	5.1702G	5.21G	36.232M	5.171859G	5.208091G	Inf	4

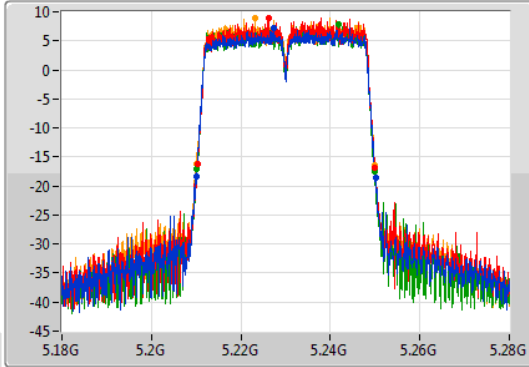
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

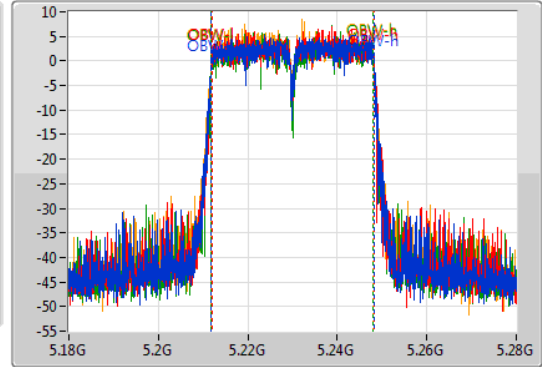
5230MHz

16/11/2019

CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.21G	5.2501G	36.282M	5.211859G	5.248141G	Inf	1
39.75M	5.21025G	5.25G	36.232M	5.211909G	5.248141G	Inf	2
39.75M	5.21005G	5.2498G	36.232M	5.211859G	5.248091G	Inf	3
39.9M	5.20995G	5.24985G	36.182M	5.211859G	5.248041G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

16/11/2019

CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.1693G	5.251G	75.862M	5.172019G	5.247881G	Inf	1
81.5M	5.1695G	5.251G	75.862M	5.172119G	5.247981G	Inf	2
81.1M	5.17G	5.2511G	75.762M	5.172119G	5.247881G	Inf	3
80.9M	5.1701G	5.251G	75.862M	5.172119G	5.247981G	Inf	4



**For Master Mode Band 1~4 and Client Mode Band 2~4:
For non-beamforming mode:**

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.34	0.68234
802.11ac VHT20_Nss1,(MCS0)_4TX	28.23	0.66527
802.11ac VHT40_Nss1,(MCS0)_4TX	27.85	0.60954
802.11ac VHT80_Nss1,(MCS0)_4TX	21.68	0.14723
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.28	0.16904
802.11ac VHT20_Nss1,(MCS0)_4TX	22.65	0.18408
802.11ac VHT40_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ac VHT80_Nss1,(MCS0)_4TX	21.23	0.13274
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.78	0.18967
802.11ac VHT20_Nss1,(MCS0)_4TX	23.20	0.20893
802.11ac VHT40_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ac VHT80_Nss1,(MCS0)_4TX	23.71	0.23496
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.77	0.59841
802.11ac VHT20_Nss1,(MCS0)_4TX	27.81	0.60395
802.11ac VHT40_Nss1,(MCS0)_4TX	27.70	0.58884
802.11ac VHT80_Nss1,(MCS0)_4TX	25.30	0.33884



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	21.39	21.59	21.41	21.35	27.46	30.00
5200MHz	Pass	5.50	22.14	22.35	22.41	22.38	28.34	30.00
5240MHz	Pass	5.50	22.17	22.18	22.58	22.29	28.33	30.00
5260MHz	Pass	5.30	16.10	15.92	16.66	16.14	22.23	23.98
5300MHz	Pass	5.30	16.20	16.20	16.40	16.22	22.28	23.98
5320MHz	Pass	5.30	16.24	16.09	16.51	16.04	22.24	23.98
5500MHz	Pass	5.80	16.77	16.60	17.05	16.62	22.78	23.98
5580MHz	Pass	5.80	16.66	16.63	16.87	16.39	22.66	23.98
5700MHz	Pass	5.80	16.49	16.33	16.72	16.53	22.54	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.83	15.99	16.52	16.05	22.13	22.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	9.84	9.88	10.31	9.50	15.91	30.00
5745MHz	Pass	5.70	21.39	21.87	22.16	21.53	27.77	30.00
5785MHz	Pass	5.70	21.43	21.60	21.67	21.17	27.49	30.00
5825MHz	Pass	5.70	21.30	21.43	21.69	21.14	27.42	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	20.71	20.76	20.62	20.61	26.70	30.00
5200MHz	Pass	5.50	21.88	22.31	22.33	22.02	28.16	30.00
5240MHz	Pass	5.50	21.87	22.22	22.53	22.20	28.23	30.00
5260MHz	Pass	5.30	16.47	16.37	16.83	16.57	22.58	23.98
5300MHz	Pass	5.30	16.63	16.59	16.67	16.61	22.65	23.98
5320MHz	Pass	5.30	16.44	16.48	16.81	16.48	22.58	23.98
5500MHz	Pass	5.80	17.10	17.24	17.36	17.02	23.20	23.98
5580MHz	Pass	5.80	17.13	17.08	17.25	17.18	23.18	23.98
5700MHz	Pass	5.80	16.97	16.97	17.36	17.19	23.15	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.86	15.96	16.39	16.13	22.11	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	10.24	10.37	10.53	10.18	16.35	30.00
5745MHz	Pass	5.70	21.31	21.62	22.13	21.66	27.71	30.00
5785MHz	Pass	5.70	21.42	21.56	21.62	21.28	27.49	30.00
5825MHz	Pass	5.70	21.61	21.82	22.00	21.72	27.81	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.52	16.60	16.60	16.36	22.54	30.00
5230MHz	Pass	5.50	21.56	21.78	22.11	21.86	27.85	30.00
5270MHz	Pass	5.30	17.83	17.60	17.90	17.39	23.71	23.98
5310MHz	Pass	5.30	16.82	16.74	16.93	16.76	22.83	23.98
5510MHz	Pass	5.80	16.84	16.80	17.02	16.79	22.88	23.98
5550MHz	Pass	5.80	17.75	17.69	18.21	17.94	23.92	23.98
5670MHz	Pass	5.80	17.58	17.51	18.11	17.65	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	17.25	17.37	17.87	17.66	23.56	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	6.97	7.06	7.37	7.05	13.14	30.00
5755MHz	Pass	5.70	21.56	21.60	21.97	21.58	27.70	30.00
5795MHz	Pass	5.70	21.28	21.67	21.61	21.43	27.52	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	15.73	15.55	15.48	15.85	21.68	30.00

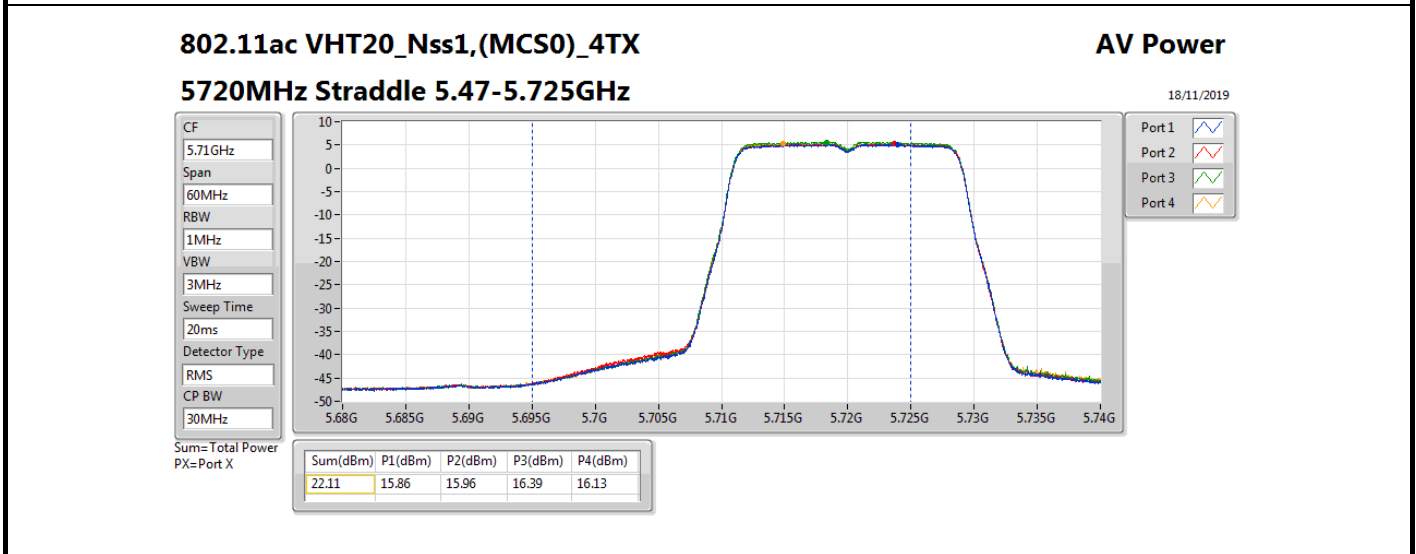
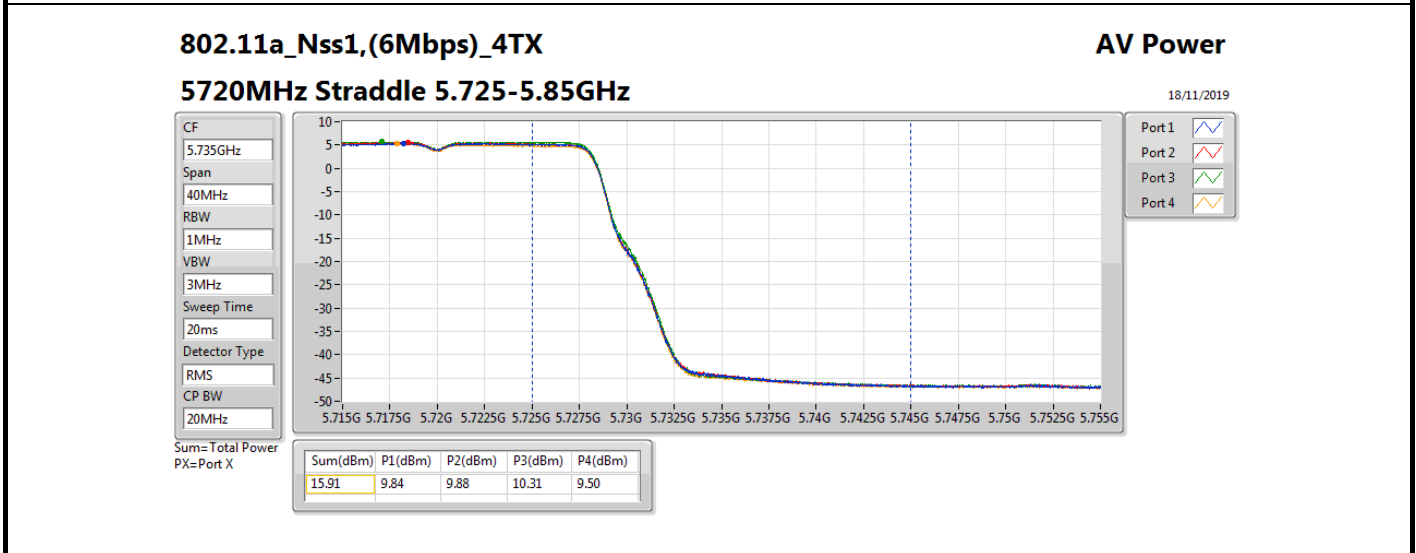
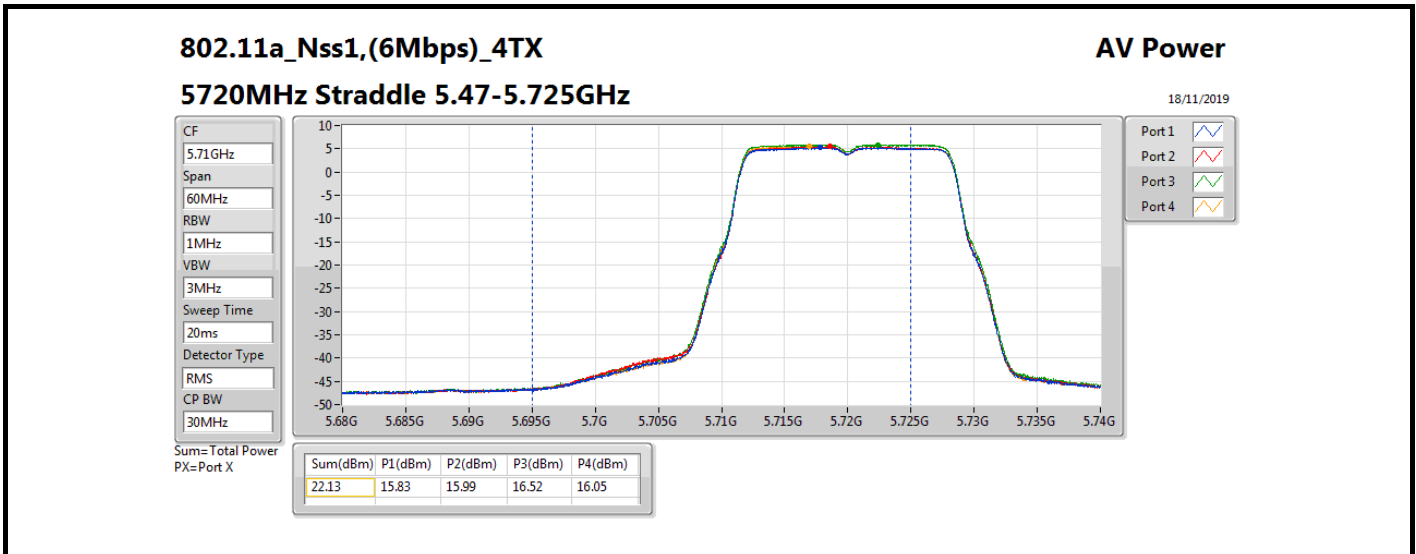


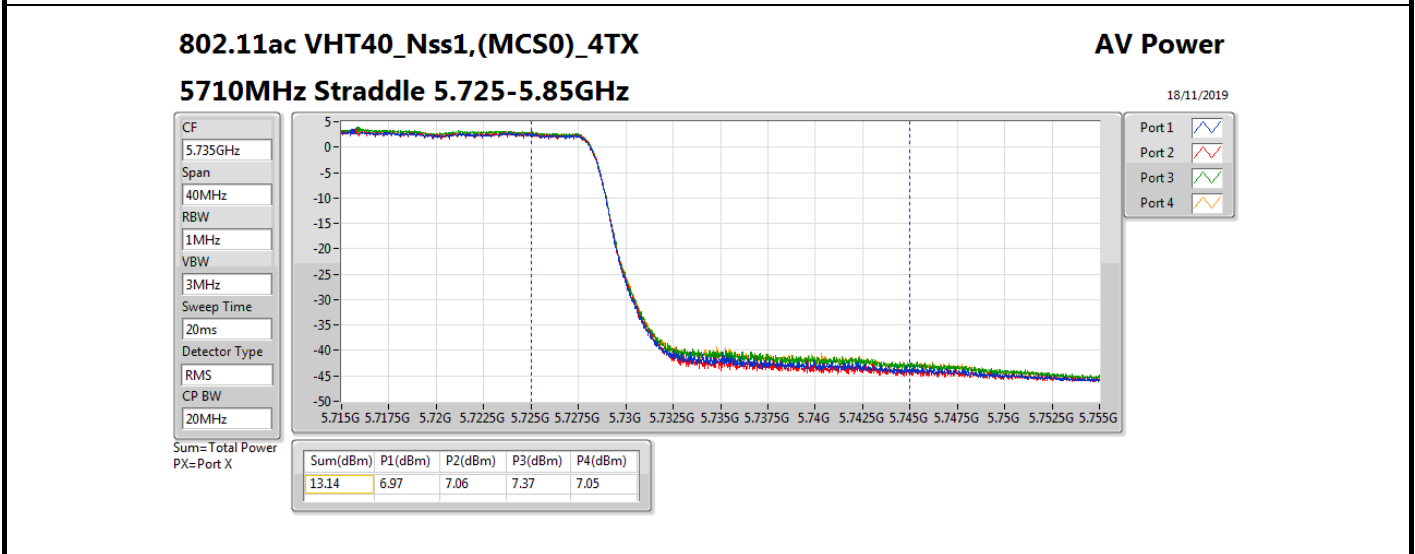
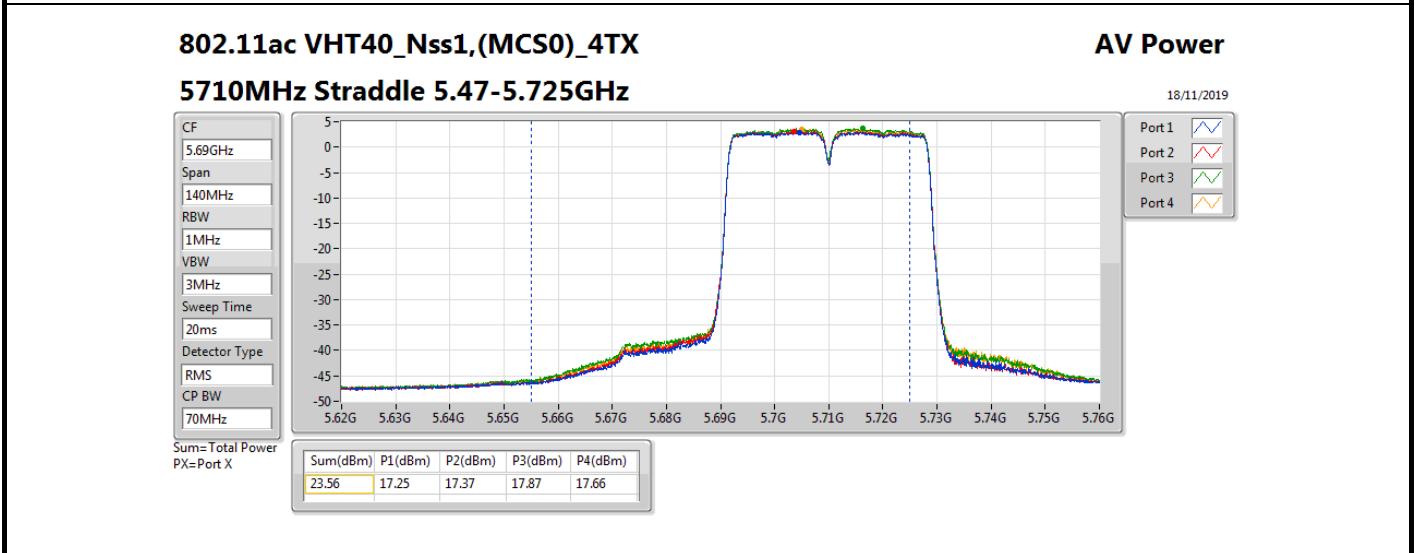
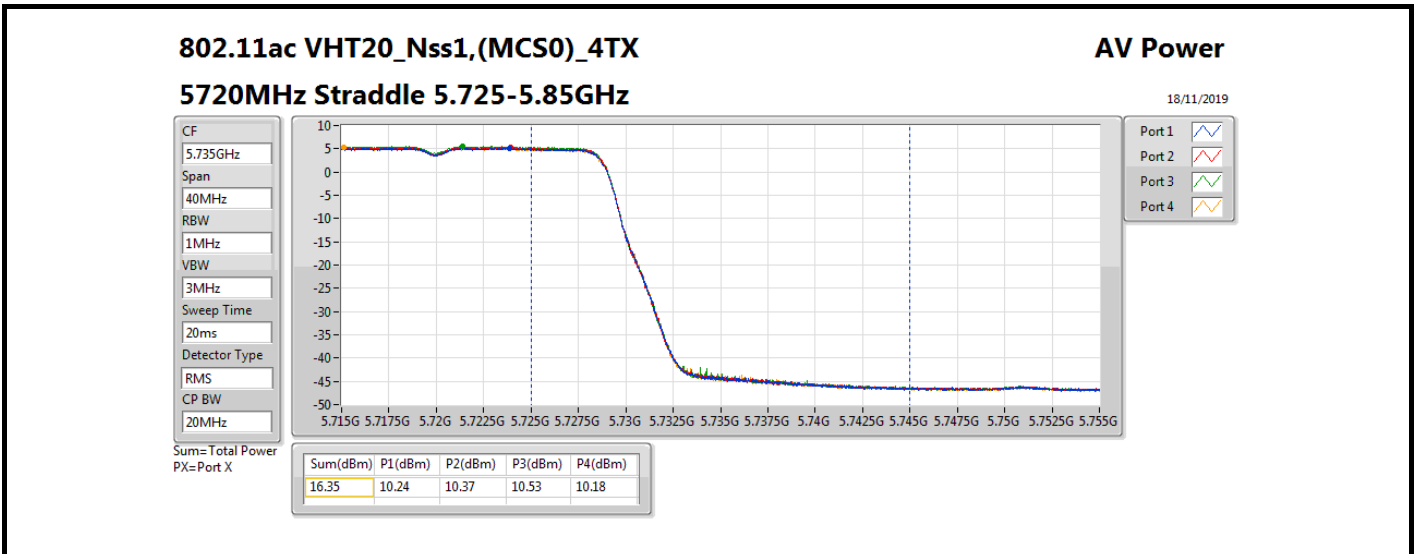
Average Power-Mode 1

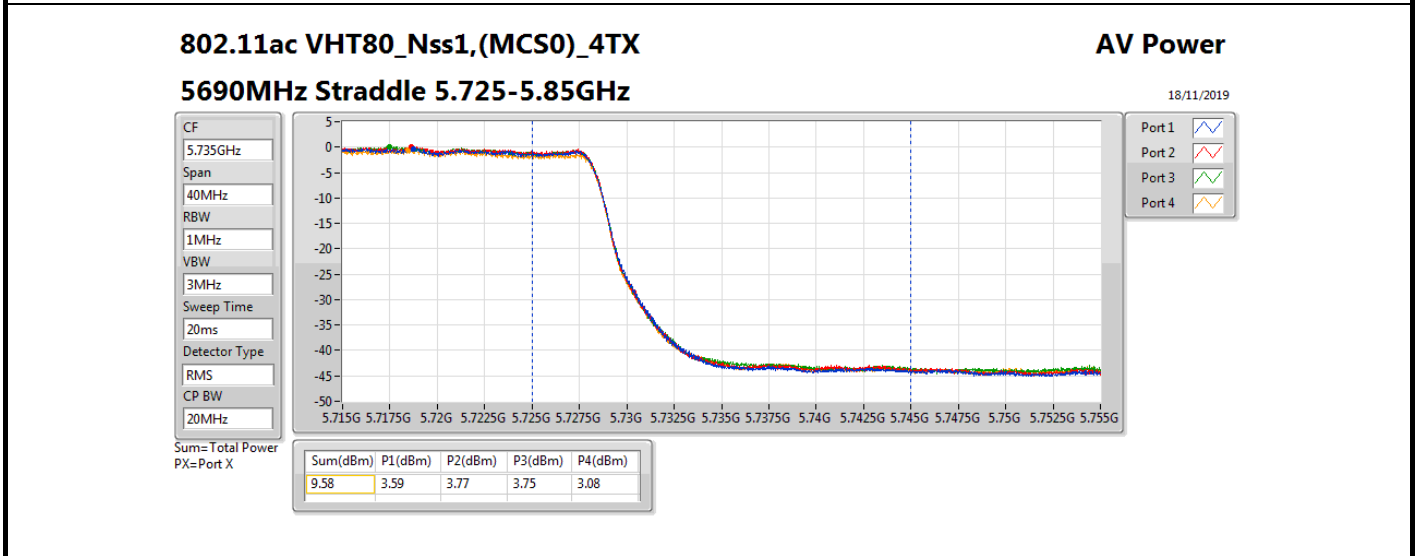
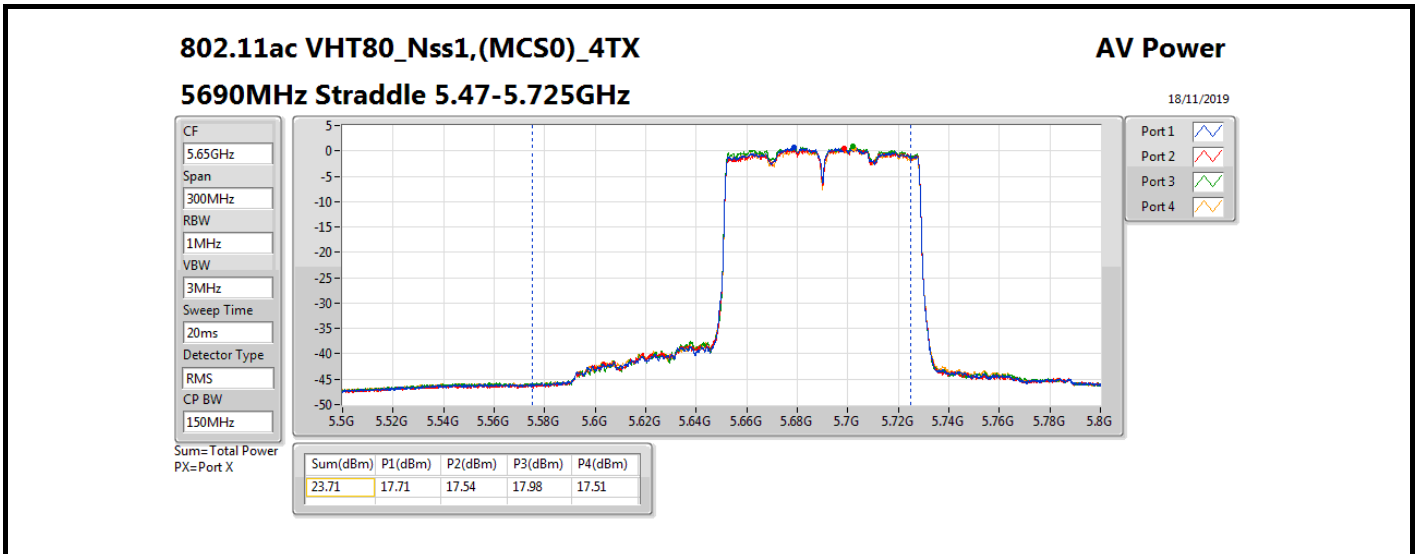
Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	5.30	15.31	15.16	15.27	15.08	21.23	23.98
5530MHz	Pass	5.80	15.67	15.39	15.45	15.79	21.60	23.98
5610MHz	Pass	5.80	17.46	17.49	17.80	17.61	23.61	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	17.71	17.54	17.98	17.51	23.71	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	3.59	3.77	3.75	3.08	9.58	30.00
5775MHz	Pass	5.70	19.25	19.36	19.42	19.08	25.30	30.00

DG = Directional Gain; **Port X** = Port X output power









For beamforming mode:
Summary

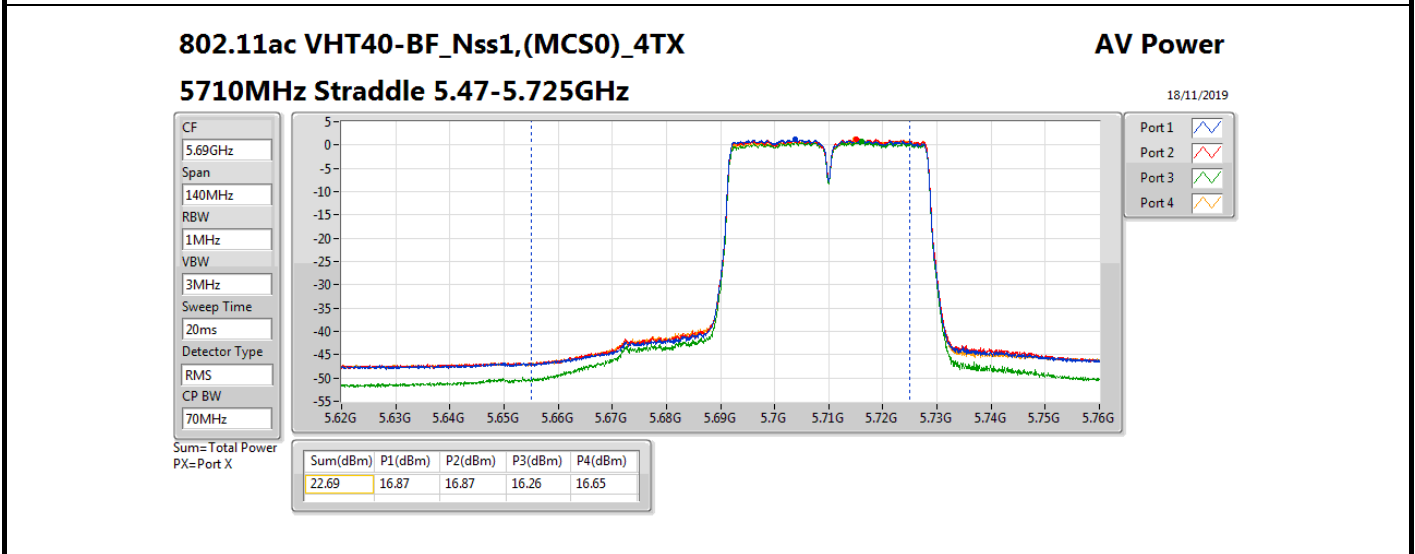
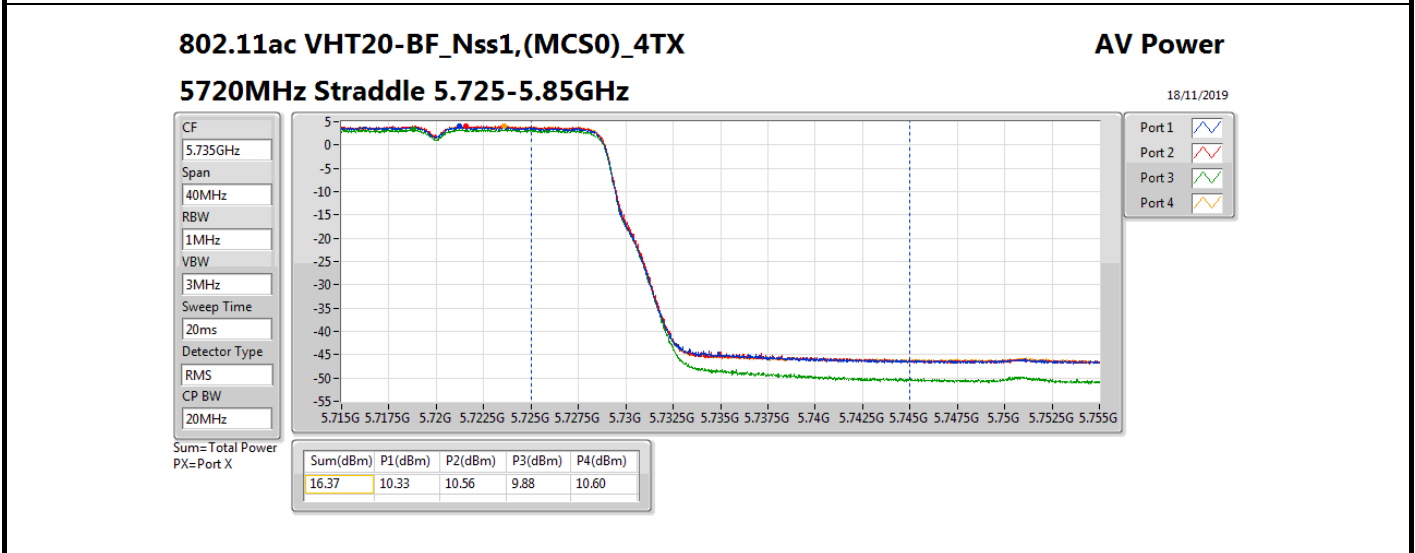
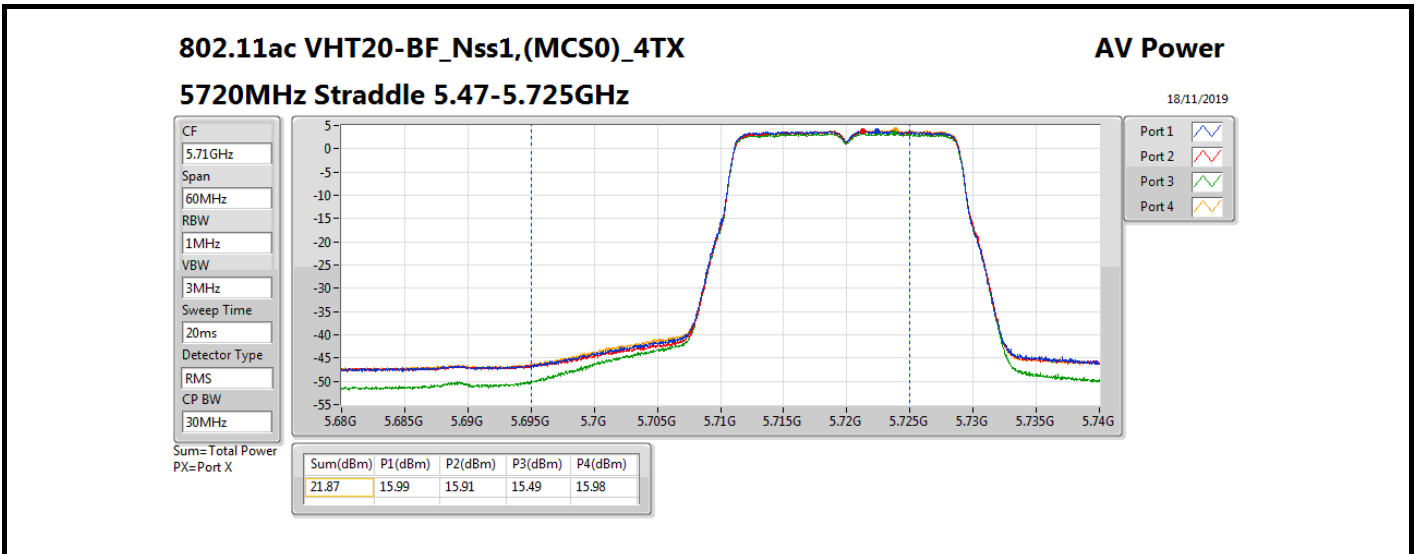
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.97	0.62661
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.98	0.62806
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.10	0.12882
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.03	0.15959
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.01	0.15885
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	20.22	0.10520
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.29	0.16943
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.69	0.18578
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.26	0.16827
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.87	0.61235
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.89	0.61518
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.03	0.40087

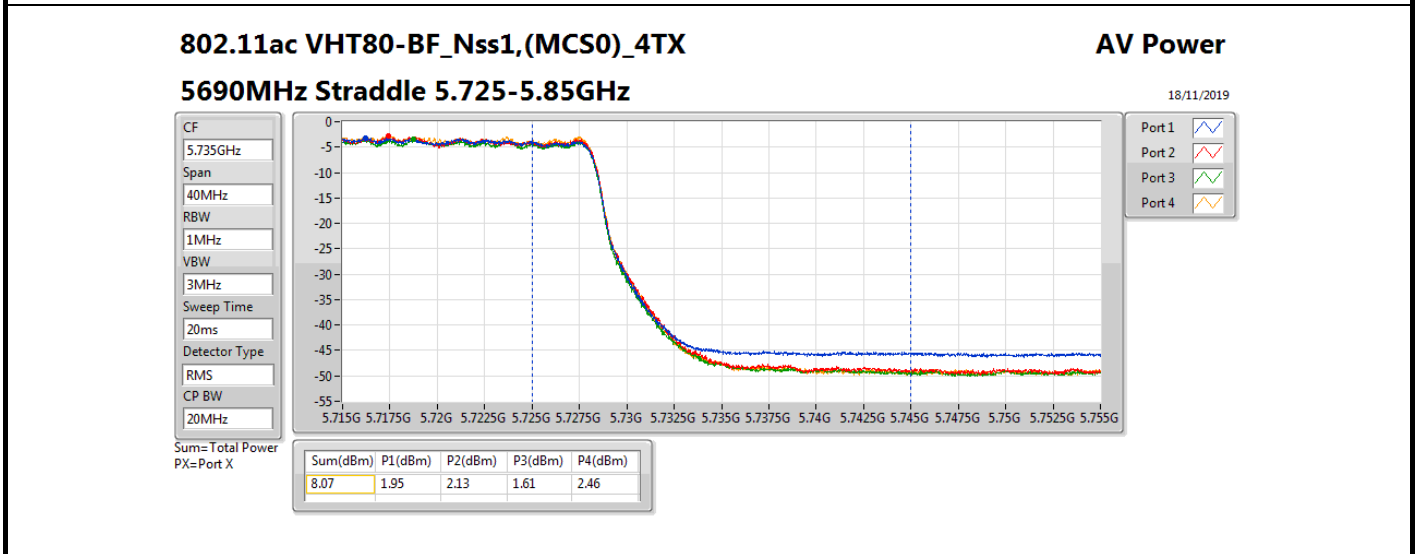
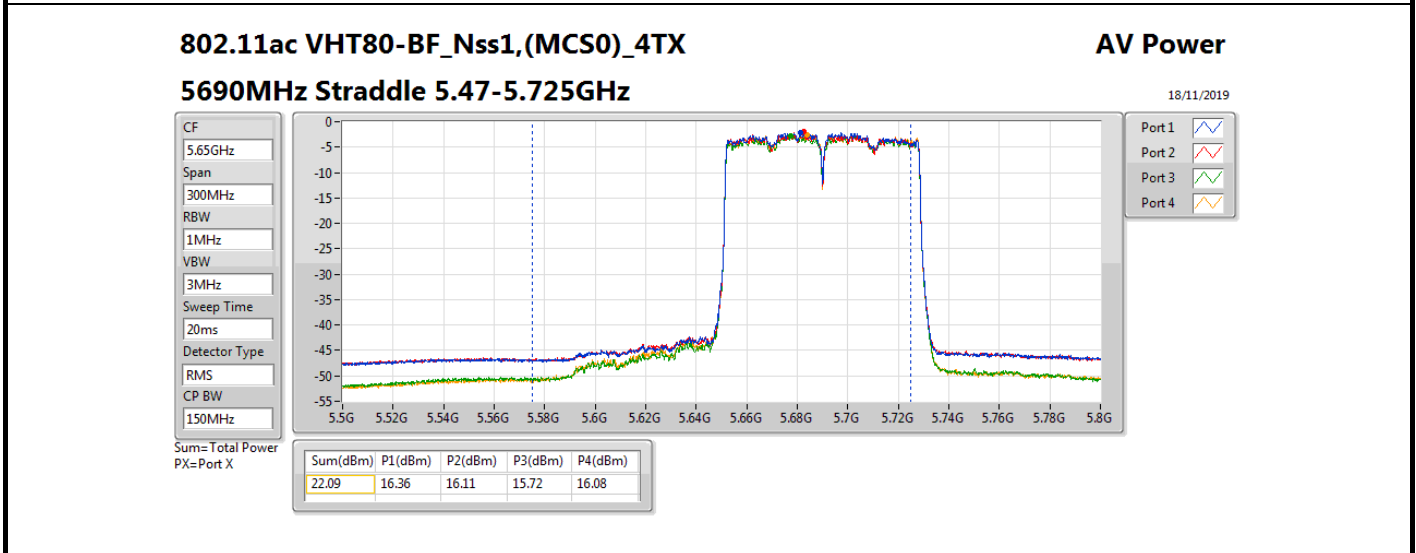
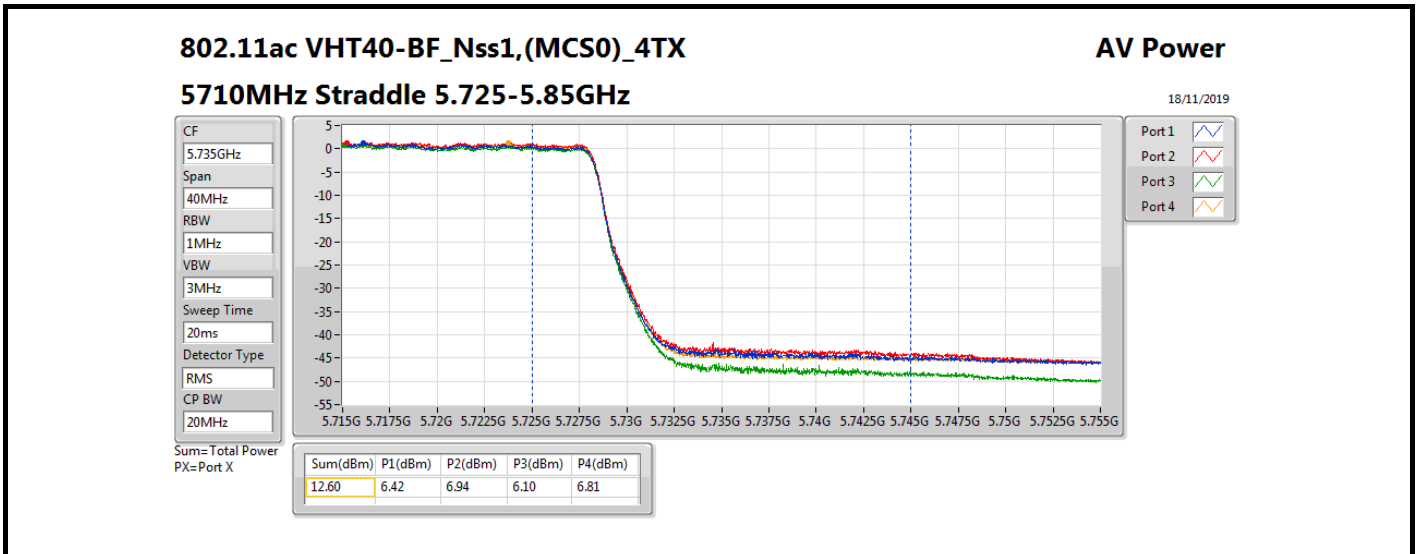


Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	20.11	19.98	19.53	20.08	25.95	28.40
5200MHz	Pass	7.60	21.82	21.72	21.41	22.21	27.82	28.40
5240MHz	Pass	7.60	21.98	22.38	21.21	22.13	27.97	28.40
5260MHz	Pass	7.50	16.29	15.96	15.88	15.89	22.03	22.48
5300MHz	Pass	7.50	15.98	15.87	15.51	15.83	21.82	22.48
5320MHz	Pass	7.50	15.92	16.00	15.39	15.81	21.81	22.48
5500MHz	Pass	7.00	16.38	16.43	16.00	16.27	22.29	22.98
5580MHz	Pass	7.00	16.41	16.39	15.93	16.33	22.29	22.98
5700MHz	Pass	7.00	16.08	15.89	15.91	16.22	22.05	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.99	15.91	15.49	15.98	21.87	21.95
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	10.33	10.56	9.88	10.60	16.37	28.90
5745MHz	Pass	7.10	22.11	21.95	21.26	22.02	27.87	28.90
5785MHz	Pass	7.10	22.18	21.81	21.30	21.95	27.84	28.90
5825MHz	Pass	7.10	21.90	21.93	21.40	22.11	27.86	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.32	16.00	15.94	16.18	22.13	28.40
5230MHz	Pass	7.60	21.99	22.11	21.48	22.23	27.98	28.40
5270MHz	Pass	7.50	16.27	15.79	15.82	16.07	22.01	22.48
5310MHz	Pass	7.50	15.96	15.87	15.67	16.10	21.92	22.48
5510MHz	Pass	7.00	16.54	16.54	16.08	16.58	22.46	22.98
5550MHz	Pass	7.00	16.54	16.46	16.04	16.65	22.45	22.98
5670MHz	Pass	7.00	16.48	16.60	15.77	16.44	22.35	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	16.87	16.87	16.26	16.65	22.69	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	6.42	6.94	6.10	6.81	12.60	28.90
5755MHz	Pass	7.10	22.12	21.83	21.47	22.02	27.89	28.90
5795MHz	Pass	7.10	22.01	21.73	21.30	21.89	27.76	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.16	15.08	15.01	15.08	21.10	28.40
5290MHz	Pass	7.50	14.37	14.25	13.94	14.24	20.22	22.48
5530MHz	Pass	7.00	14.61	14.58	14.39	14.89	20.64	22.98
5610MHz	Pass	7.00	16.27	16.36	15.93	16.37	22.26	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	16.36	16.11	15.72	16.08	22.09	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	1.95	2.13	1.61	2.46	8.07	28.90
5775MHz	Pass	7.10	20.24	19.98	19.57	20.21	26.03	28.90

DG = Directional Gain; Port X = Port X output power







**For Client Mode Band 1:
For non-beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.16	0.16444
802.11ac VHT20_Nss1,(MCS0)_4TX	22.33	0.17100
802.11ac VHT40_Nss1,(MCS0)_4TX	23.61	0.22961
802.11ac VHT80_Nss1,(MCS0)_4TX	21.68	0.14723



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	16.16	15.95	16.22	16.21	22.16	23.98
5200MHz	Pass	5.50	15.97	15.97	16.28	16.16	22.12	23.98
5240MHz	Pass	5.50	15.83	15.78	16.40	16.34	22.12	23.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.99	15.82	16.08	16.01	22.00	23.98
5200MHz	Pass	5.50	16.05	16.10	16.61	16.45	22.33	23.98
5240MHz	Pass	5.50	15.87	15.88	16.20	16.04	22.02	23.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.52	16.60	16.60	16.36	22.54	23.98
5230MHz	Pass	5.50	17.19	17.72	17.81	17.61	23.61	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	15.73	15.55	15.48	15.85	21.68	23.98

DG = Directional Gain; Port X = Port X output power



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.14	0.16368	29.74	0.94189
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.18	0.16520	29.78	0.95060
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.10	0.12882	28.70	0.74131



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	16.47	16.11	15.87	16.00	22.14	22.38	29.74	30.00
5200MHz	Pass	7.60	16.21	16.05	15.77	16.12	22.06	22.38	29.66	30.00
5240MHz	Pass	7.60	16.11	16.47	15.56	16.04	22.08	22.38	29.68	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.32	16.00	15.94	16.18	22.13	22.38	29.73	30.00
5230MHz	Pass	7.60	16.24	16.36	15.73	16.29	22.18	22.38	29.78	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.16	15.08	15.01	15.08	21.10	22.38	28.70	30.00

DG = Directional Gain; **Port X** = Port X output power



**For Master Mode Band 1~4 and Client Mode Band 2~4:
For non-beamforming mode:**

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.88	0.61376
802.11ac VHT20_Nss1,(MCS0)_4TX	27.80	0.60256
802.11ac VHT40_Nss1,(MCS0)_4TX	26.70	0.46774
802.11ac VHT80_Nss1,(MCS0)_4TX	22.74	0.18793
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.40	0.17378
802.11ac VHT20_Nss1,(MCS0)_4TX	22.39	0.17338
802.11ac VHT40_Nss1,(MCS0)_4TX	23.60	0.22909
802.11ac VHT80_Nss1,(MCS0)_4TX	23.20	0.20893
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.93	0.19634
802.11ac VHT20_Nss1,(MCS0)_4TX	22.81	0.19099
802.11ac VHT40_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ac VHT80_Nss1,(MCS0)_4TX	23.92	0.24660
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.64	0.58076
802.11ac VHT20_Nss1,(MCS0)_4TX	27.50	0.56234
802.11ac VHT40_Nss1,(MCS0)_4TX	27.69	0.58749
802.11ac VHT80_Nss1,(MCS0)_4TX	25.45	0.35075



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	18.47	18.45	18.71	18.69	24.60	30.00
5200MHz	Pass	5.50	21.9	21.87	21.68	21.86	27.85	30.00
5240MHz	Pass	5.50	21.89	22.05	21.82	21.65	27.88	30.00
5260MHz	Pass	5.30	16.42	16.31	16.59	16.20	22.40	23.98
5300MHz	Pass	5.30	15.89	15.98	16.04	16.16	22.04	23.98
5320MHz	Pass	5.30	16.05	15.88	16.09	16.22	22.08	23.98
5500MHz	Pass	5.80	16.49	16.68	16.82	16.98	22.77	23.98
5580MHz	Pass	5.80	16.53	16.91	16.71	16.79	22.76	23.98
5700MHz	Pass	5.80	16.61	16.64	17.19	17.17	22.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.34	15.48	16.15	16.20	21.83	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	9.86	9.66	10.23	9.99	15.96	30.00
5745MHz	Pass	5.70	21.24	21.42	21.62	21.76	27.54	30.00
5785MHz	Pass	5.70	21.51	21.59	21.45	21.93	27.64	30.00
5825MHz	Pass	5.70	21.22	21.39	21.8	21.71	27.56	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	18.85	18.96	19.01	19.09	25.00	30.00
5200MHz	Pass	5.50	21.77	21.91	21.65	21.72	27.78	30.00
5240MHz	Pass	5.50	21.81	21.97	21.71	21.62	27.80	30.00
5260MHz	Pass	5.30	16.30	16.06	16.21	16.03	22.17	23.98
5300MHz	Pass	5.30	16.38	16.11	16.40	16.44	22.36	23.98
5320MHz	Pass	5.30	16.29	16.15	16.50	16.51	22.39	23.98
5500MHz	Pass	5.80	16.40	16.62	16.67	16.75	22.63	23.98
5580MHz	Pass	5.80	16.42	16.74	16.55	16.57	22.59	23.98
5700MHz	Pass	5.80	16.68	16.51	16.98	16.96	22.81	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.29	15.44	16.14	16.02	21.76	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	10.09	10.23	10.51	10.44	16.34	30.00
5745MHz	Pass	5.70	21.08	21.34	21.47	21.66	27.41	30.00
5785MHz	Pass	5.70	21.38	21.49	21.3	21.74	27.50	30.00
5825MHz	Pass	5.70	21.1	21.24	21.73	21.54	27.43	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.49	16.77	16.63	16.65	22.66	30.00
5230MHz	Pass	5.50	20.4	20.6	20.71	20.97	26.70	30.00
5270MHz	Pass	5.30	17.64	17.58	17.64	17.47	23.60	23.98
5310MHz	Pass	5.30	17.02	17.13	17.11	17.43	23.20	23.98
5510MHz	Pass	5.80	16.15	16.23	16.41	16.44	22.33	23.98
5550MHz	Pass	5.80	17.88	17.55	17.84	17.67	23.76	23.98
5670MHz	Pass	5.80	17.88	17.85	17.78	18.13	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	17.56	17.76	18.04	18.17	23.91	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	7.85	8.00	7.92	8.07	13.98	30.00
5755MHz	Pass	5.70	21.57	21.49	21.47	22.01	27.66	30.00
5795MHz	Pass	5.70	21.55	21.57	21.52	22.03	27.69	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	16.61	16.76	16.68	16.84	22.74	30.00

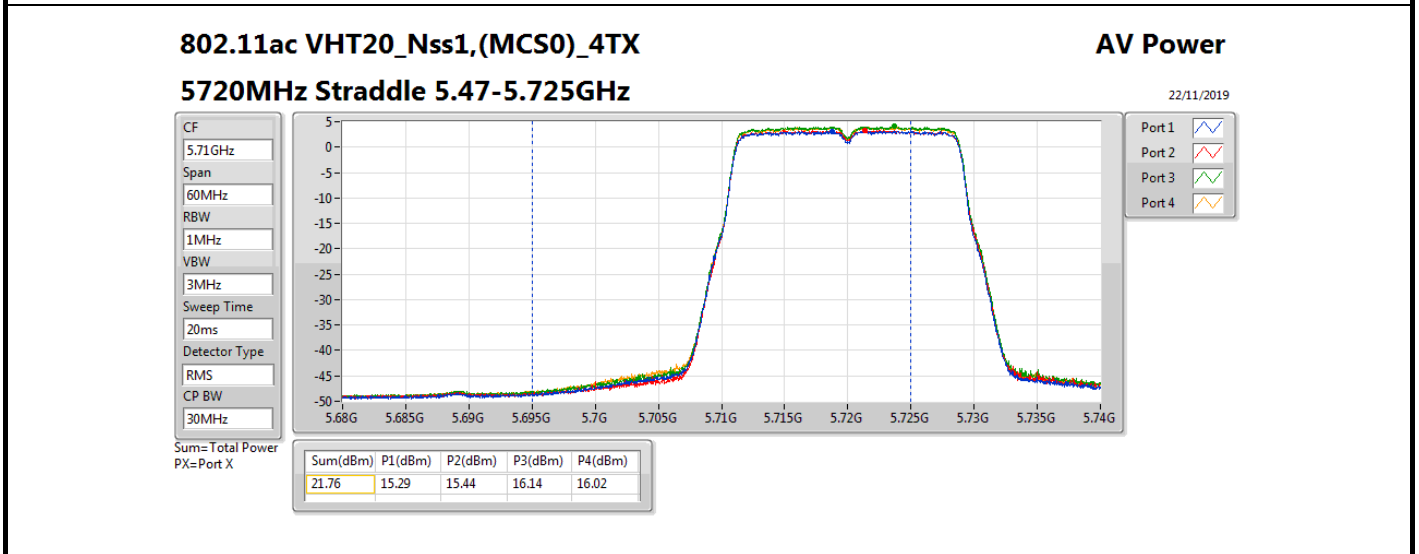
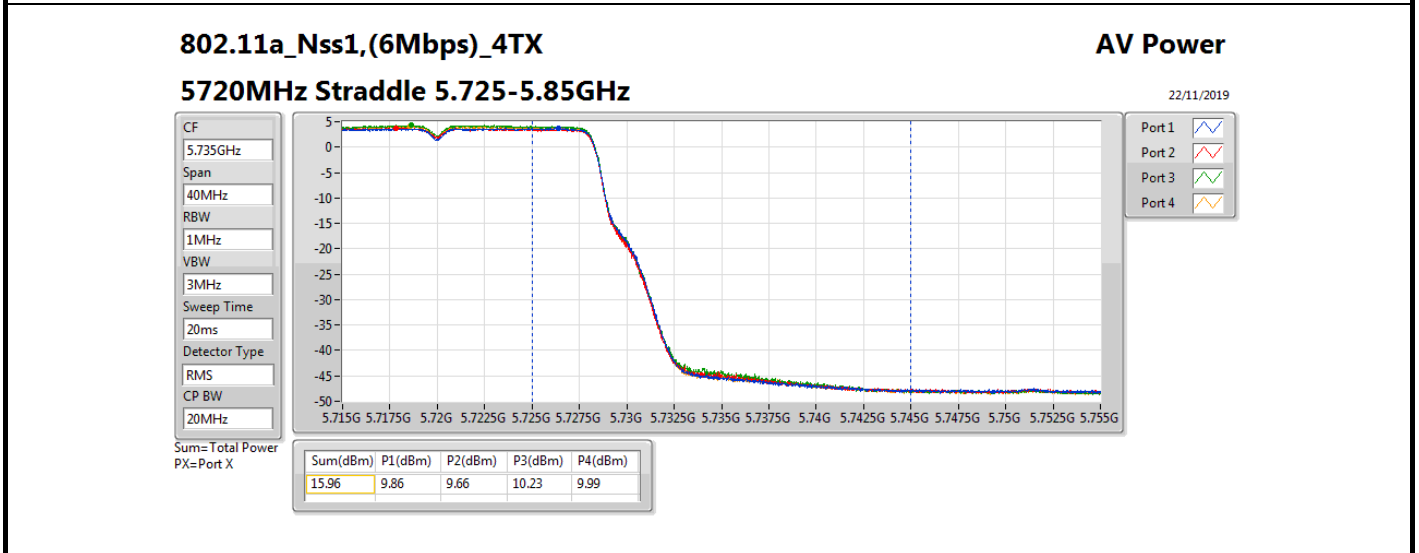
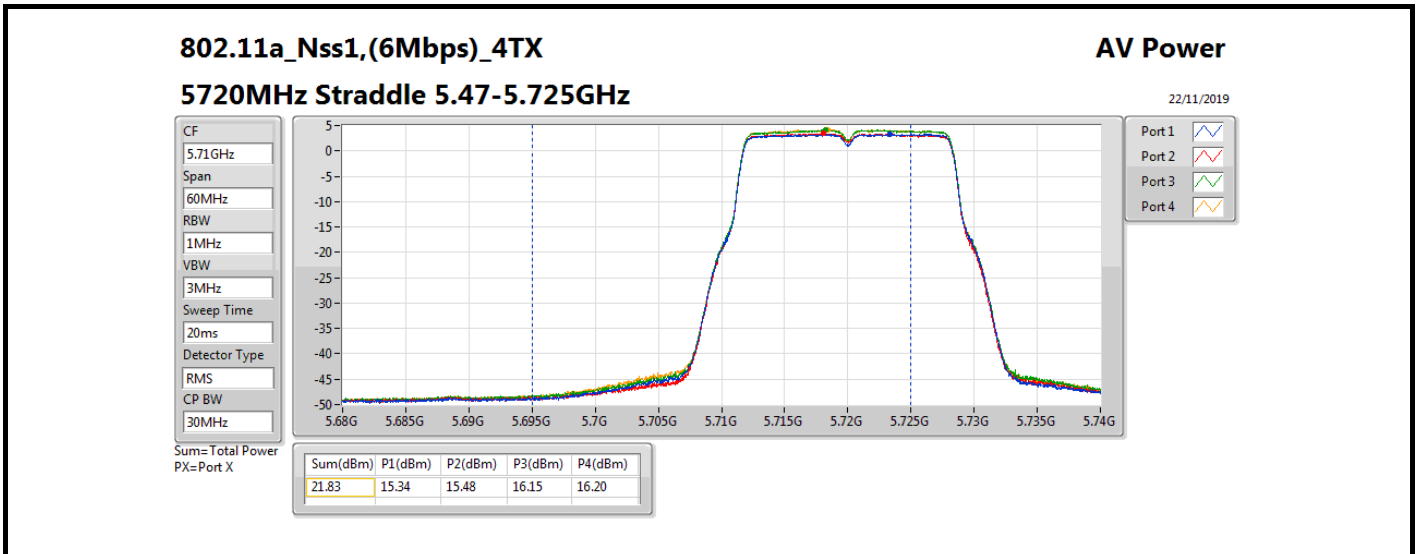


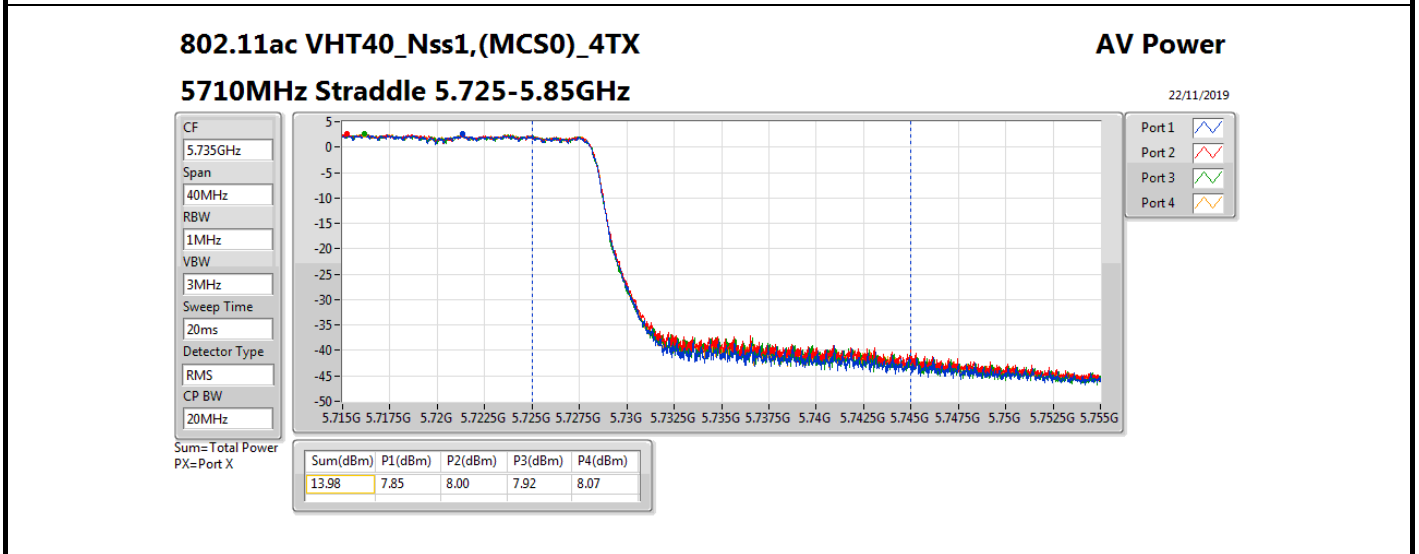
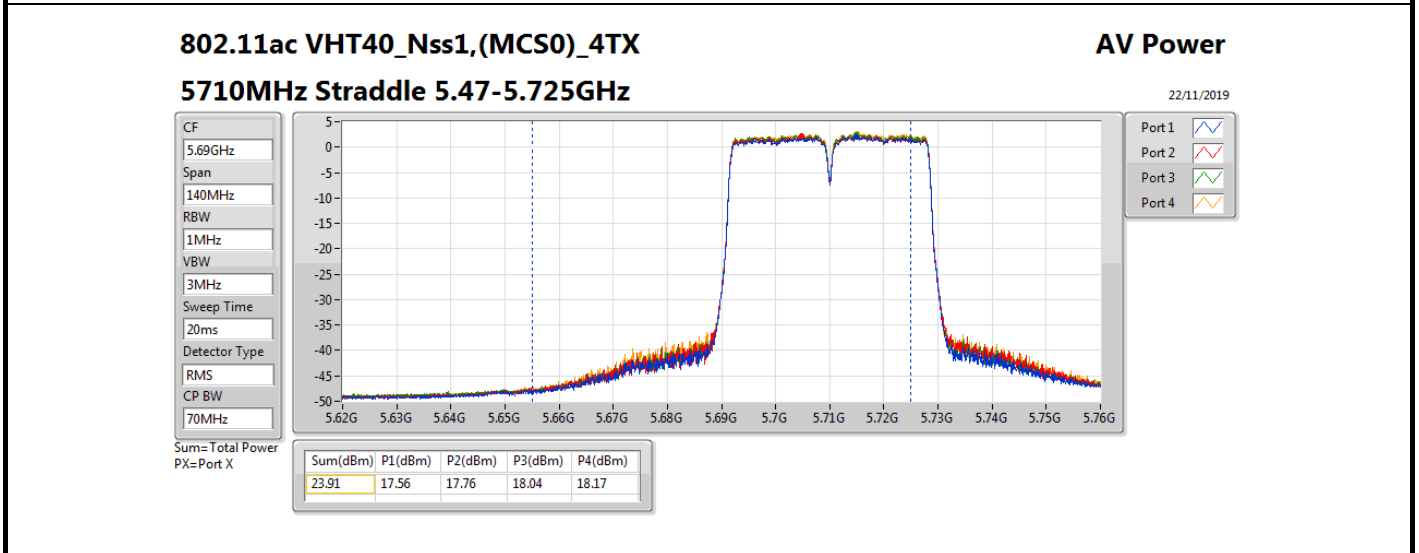
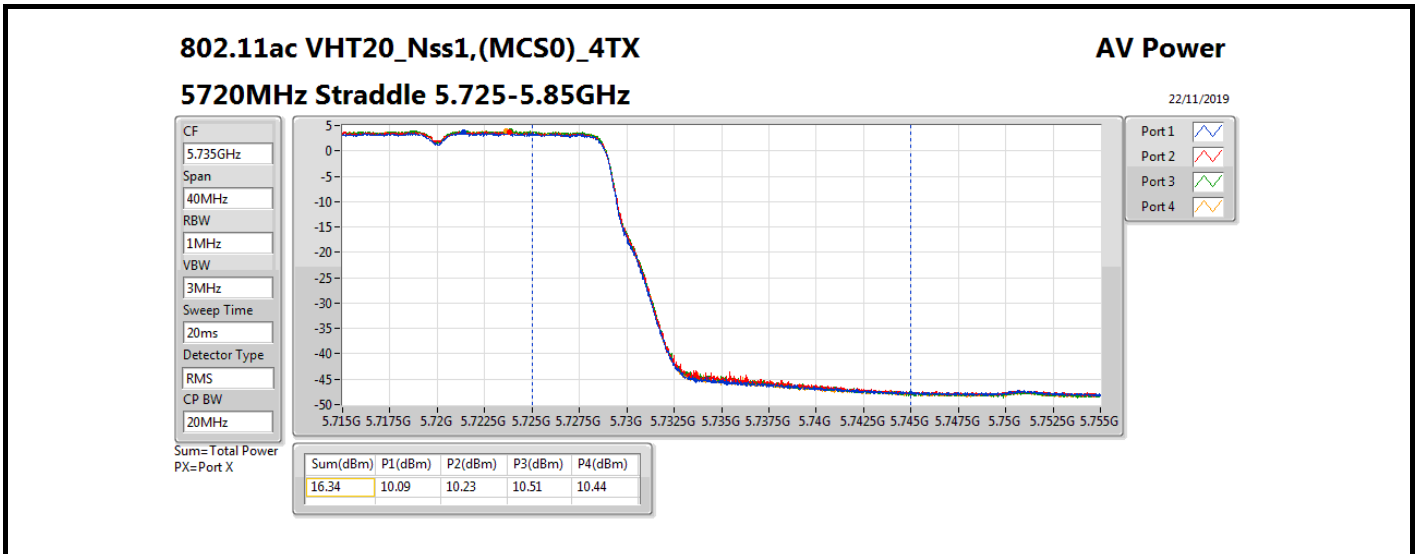
Average Power-Mode 2

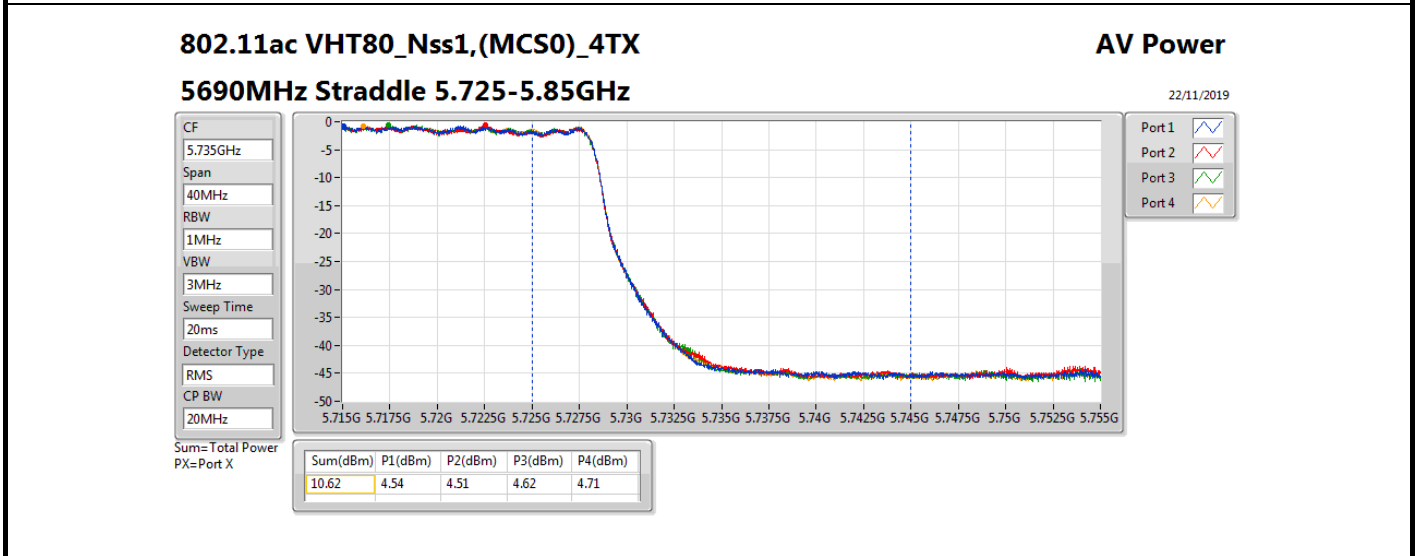
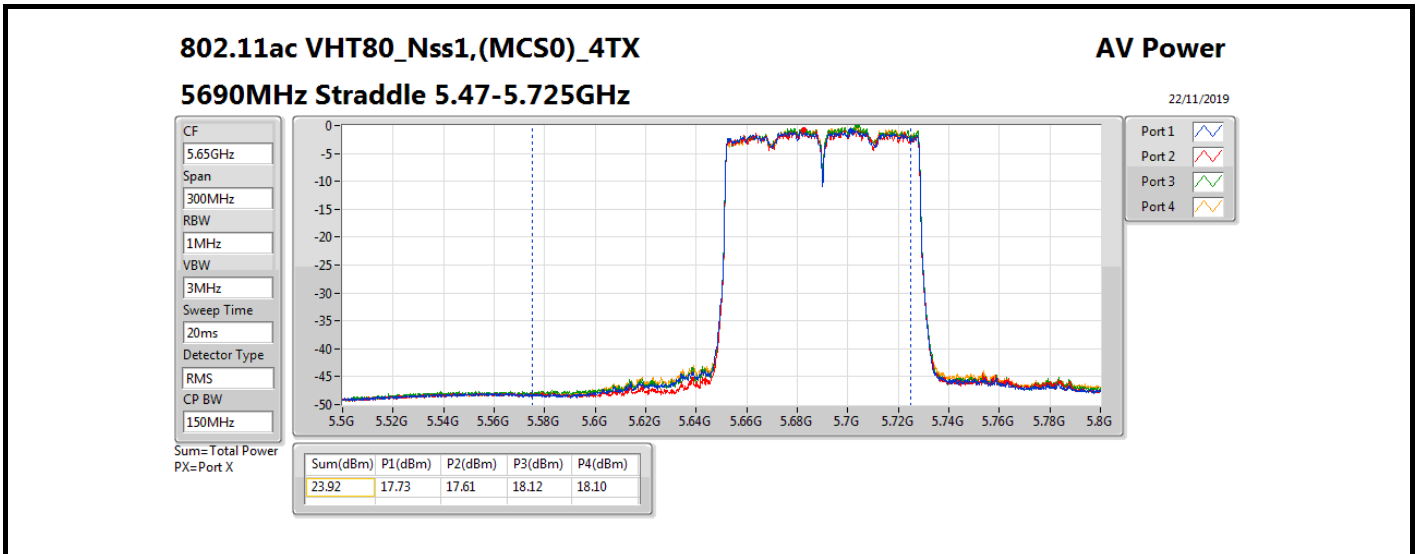
Appendix B.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	5.30	17.43	17.03	17.14	17.10	23.20	23.98
5530MHz	Pass	5.80	16.59	16.56	16.61	16.76	22.65	23.98
5610MHz	Pass	5.80	17.42	17.40	17.80	17.69	23.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	17.73	17.61	18.12	18.10	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	4.54	4.51	4.62	4.71	10.62	30.00
5775MHz	Pass	5.70	19.32	19.43	19.4	19.58	25.45	30.00

DG = Directional Gain; **Port X** = Port X output power









**For beamforming mode:
Summary**

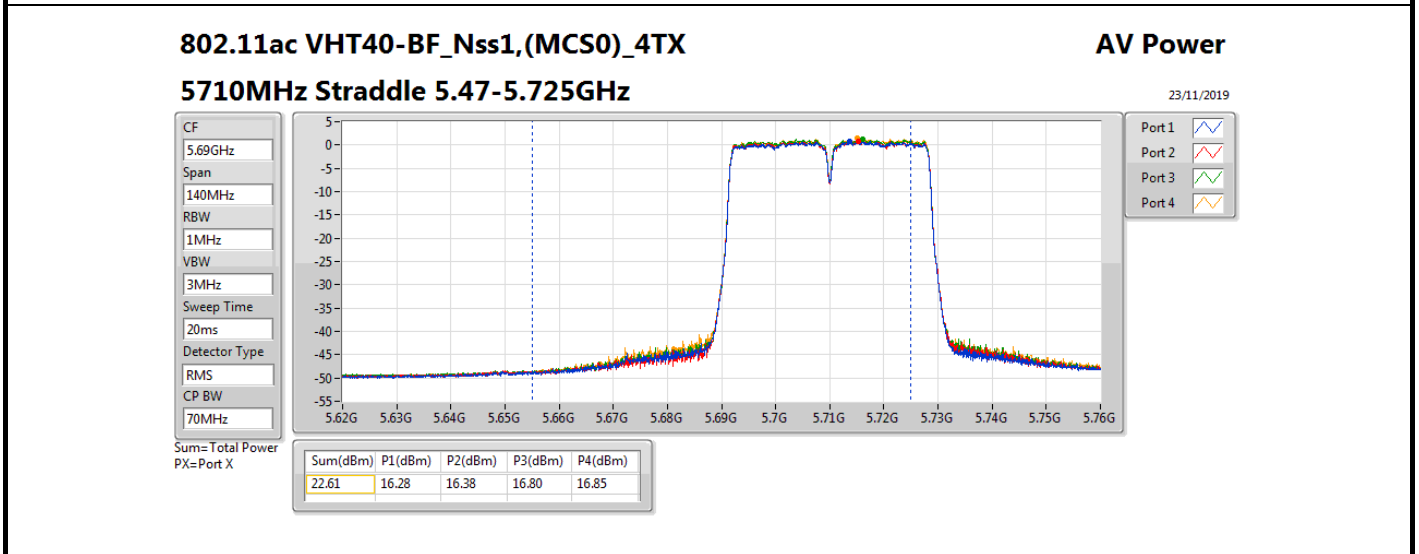
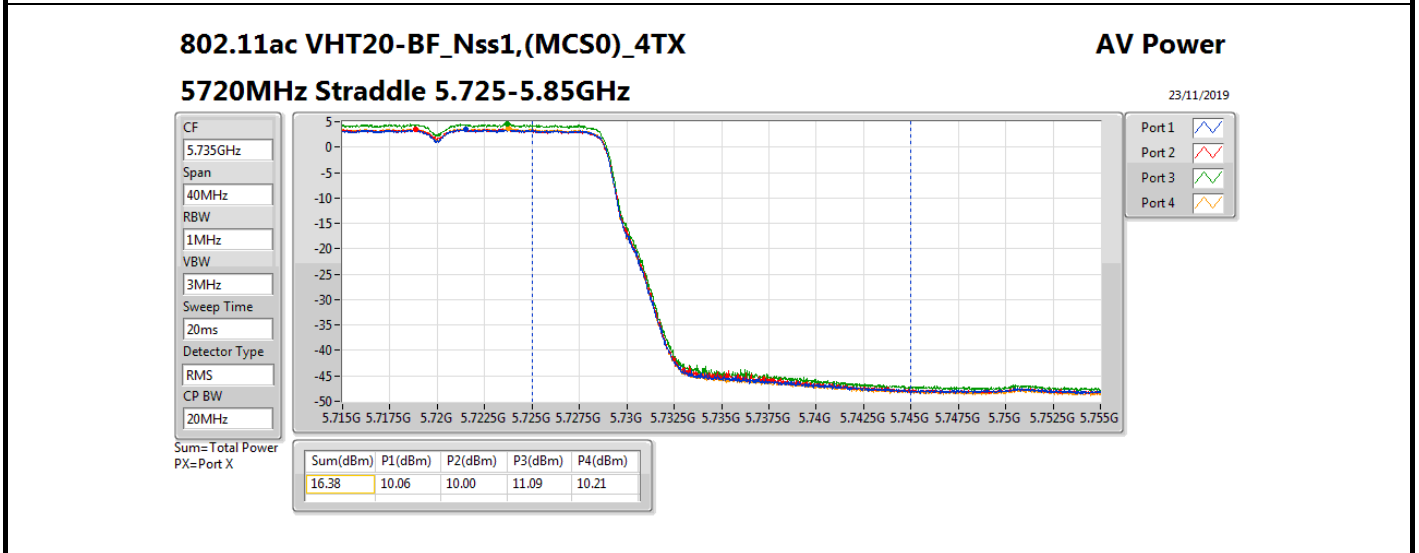
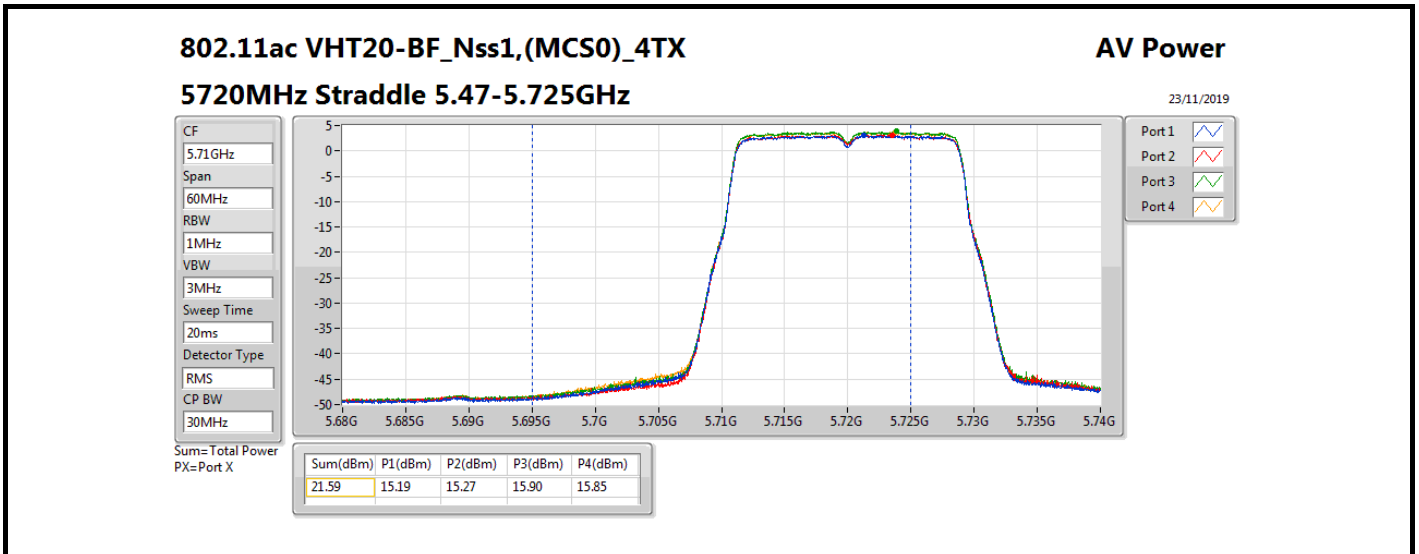
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.75	0.59566
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.03	0.63533
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.40	0.17378
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.44	0.17539
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.09	0.16181
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.20	0.16596
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.75	0.18836
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.74	0.18793
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.70	0.18621
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.61	0.57677
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.60	0.57544
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.89	0.48865

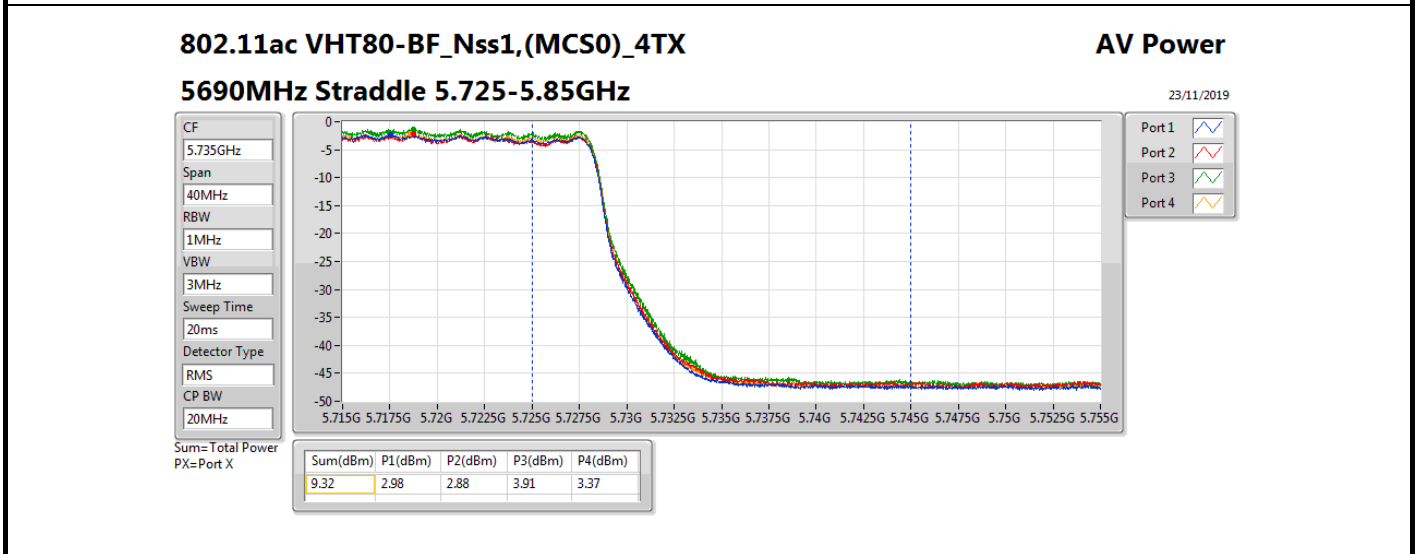
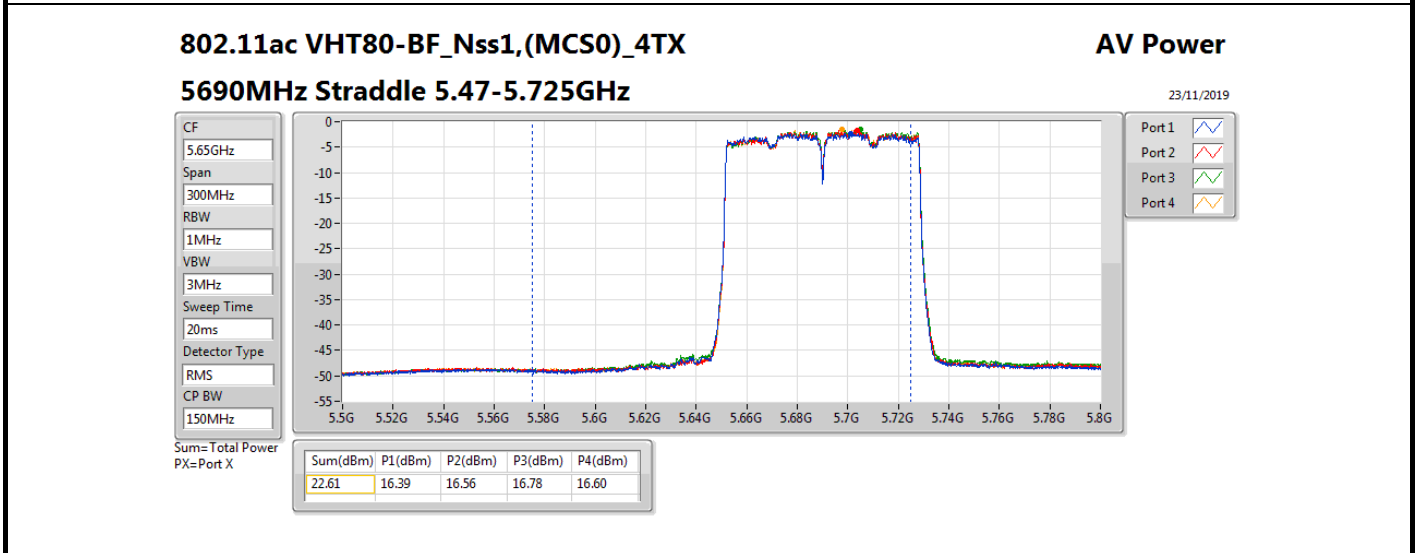
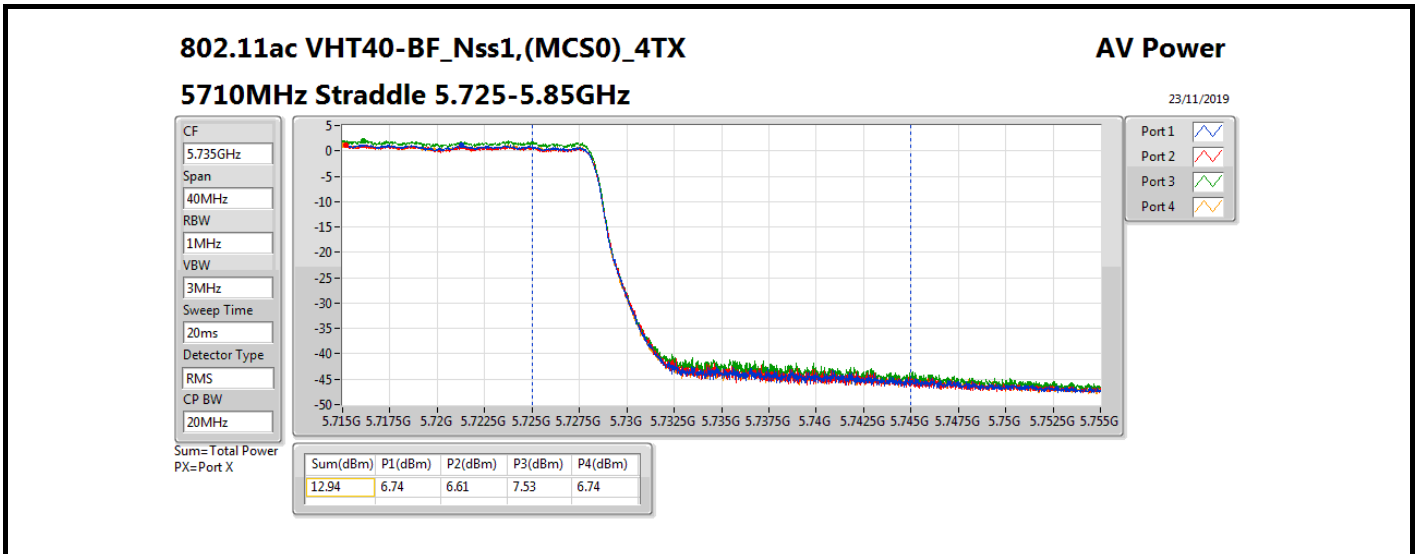


Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	18.74	18.33	18.42	18.74	24.58	28.40
5200MHz	Pass	7.60	21.79	21.62	21.41	21.97	27.72	28.40
5240MHz	Pass	7.60	21.92	21.98	21.29	21.69	27.75	28.40
5260MHz	Pass	7.50	16.35	16.18	16.34	16.12	22.27	22.48
5300MHz	Pass	7.50	16.22	16.28	16.56	16.42	22.39	22.48
5320MHz	Pass	7.50	16.35	16.34	16.48	16.50	22.44	22.48
5500MHz	Pass	7.00	16.49	16.59	16.58	16.74	22.62	22.98
5580MHz	Pass	7.00	16.24	16.86	16.57	16.67	22.61	22.98
5700MHz	Pass	7.00	16.26	16.51	16.99	17.11	22.75	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.19	15.27	15.90	15.85	21.59	21.94
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	10.06	10.00	11.09	10.21	16.38	28.90
5745MHz	Pass	7.10	21.49	21.49	21.44	21.86	27.59	28.90
5785MHz	Pass	7.10	21.20	21.19	21.09	21.41	27.24	28.90
5825MHz	Pass	7.10	21.27	21.66	21.43	21.95	27.61	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.79	16.47	16.44	16.88	22.67	28.40
5230MHz	Pass	7.60	22.01	21.96	21.66	22.37	28.03	28.40
5270MHz	Pass	7.50	16.20	15.94	15.90	16.04	22.04	22.48
5310MHz	Pass	7.50	15.99	15.99	16.02	16.29	22.09	22.48
5510MHz	Pass	7.00	14.81	14.76	15.17	15.14	20.99	22.98
5550MHz	Pass	7.00	16.68	16.60	16.87	16.73	22.74	22.98
5670MHz	Pass	7.00	16.88	16.62	16.58	16.54	22.68	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	16.28	16.38	16.80	16.85	22.61	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	6.74	6.61	7.53	6.74	12.94	28.90
5755MHz	Pass	7.10	21.21	21.56	21.35	22.14	27.60	28.90
5795MHz	Pass	7.10	21.21	21.53	21.29	21.98	27.53	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	16.47	16.37	16.09	16.57	22.40	28.40
5290MHz	Pass	7.50	16.29	16.05	16.00	16.36	22.20	22.48
5530MHz	Pass	7.00	16.57	16.58	16.64	16.91	22.70	22.98
5610MHz	Pass	7.00	16.45	16.34	16.94	16.74	22.64	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	16.39	16.56	16.78	16.60	22.61	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	2.98	2.88	3.91	3.37	9.32	28.90
5775MHz	Pass	7.10	20.85	20.88	20.67	21.06	26.89	28.90

DG = Directional Gain; Port X = Port X output power







**For Client Mode Band 1:
For non-beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.96	0.15704
802.11ac VHT20_Nss1,(MCS0)_4TX	21.78	0.15066
802.11ac VHT40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ac VHT80_Nss1,(MCS0)_4TX	22.74	0.18793



**For Client Mode Band 1:
For non-beamforming mode:
Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.89	15.96	15.91	15.98	21.96	23.98
5200MHz	Pass	5.50	15.68	16.09	15.84	16.03	21.93	23.98
5240MHz	Pass	5.50	15.72	16.02	15.94	15.72	21.87	23.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.64	15.66	15.69	15.67	21.69	23.98
5200MHz	Pass	5.50	15.57	15.90	15.81	15.75	21.78	23.98
5240MHz	Pass	5.50	15.61	15.93	15.82	15.58	21.76	23.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.49	16.77	16.63	16.65	22.66	23.98
5230MHz	Pass	5.50	17.77	17.81	17.93	18.21	23.95	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	16.61	16.76	16.68	16.84	22.74	23.98

DG = Directional Gain; **Port X** = Port X output power



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.98	0.15776
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.24	0.16749
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.94	0.15631



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	15.87	15.60	15.62	15.94	21.78	22.38
5200MHz	Pass	7.60	15.85	15.57	15.60	16.08	21.80	22.38
5240MHz	Pass	7.60	16.11	16.10	15.61	16.01	21.98	22.38
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.23	16.15	15.95	16.42	22.21	22.38
5230MHz	Pass	7.60	16.10	16.23	15.88	16.63	22.24	22.38
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.90	15.95	15.76	16.06	21.94	22.38

DG = Directional Gain; Port X = Port X output power



For Master Mode Band 1~4 and Client Mode Band 2~4:
 For non-beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.32
802.11ac VHT20_Nss1,(MCS0)_4TX	15.03
802.11ac VHT40_Nss1,(MCS0)_4TX	11.93
802.11ac VHT80_Nss1,(MCS0)_4TX	3.28
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.23
802.11ac VHT20_Nss1,(MCS0)_4TX	9.44
802.11ac VHT40_Nss1,(MCS0)_4TX	7.85
802.11ac VHT80_Nss1,(MCS0)_4TX	2.38
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.95
802.11ac VHT20_Nss1,(MCS0)_4TX	9.95
802.11ac VHT40_Nss1,(MCS0)_4TX	7.93
802.11ac VHT80_Nss1,(MCS0)_4TX	5.27
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.15
802.11ac VHT20_Nss1,(MCS0)_4TX	13.16
802.11ac VHT40_Nss1,(MCS0)_4TX	10.40
802.11ac VHT80_Nss1,(MCS0)_4TX	5.87

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

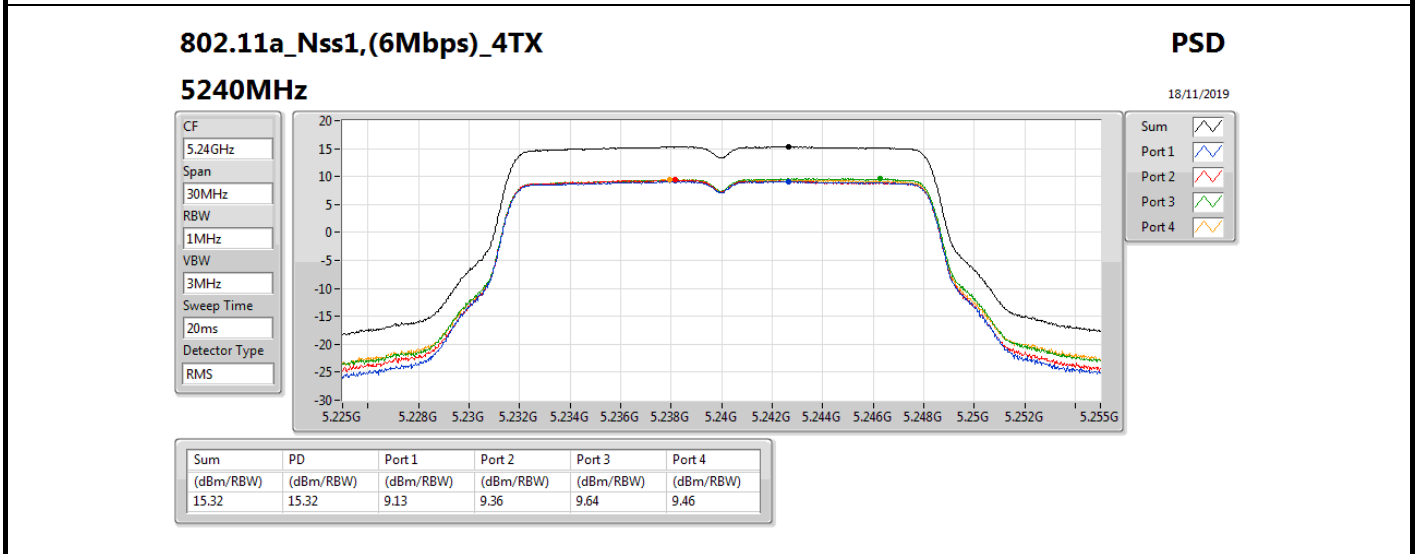
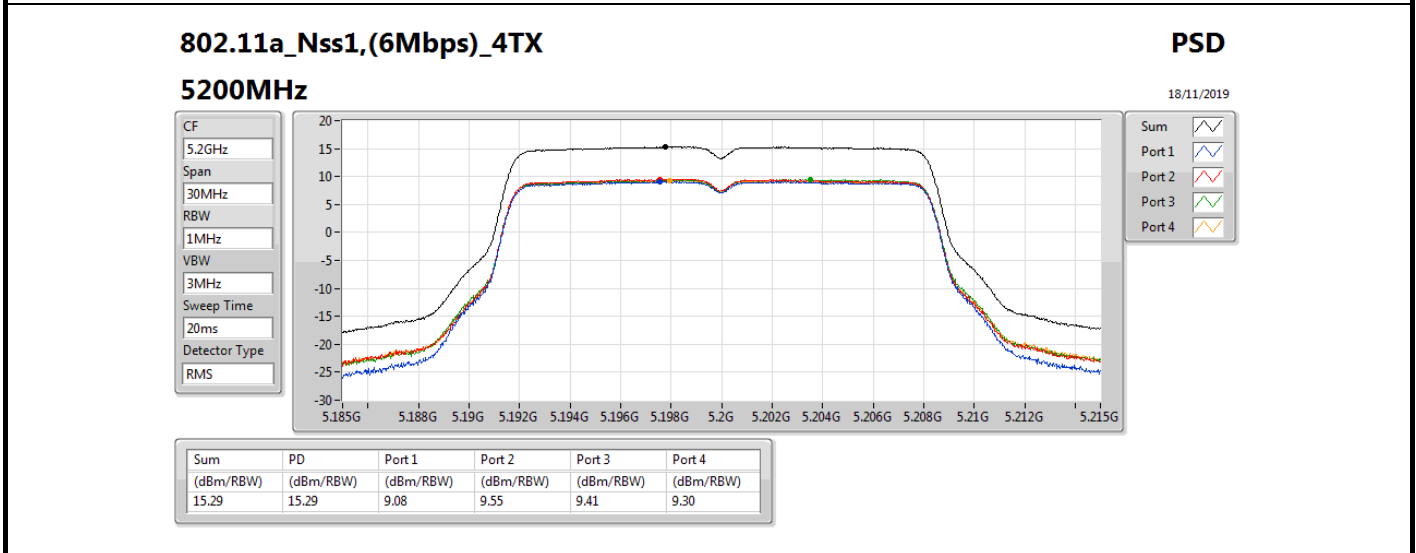
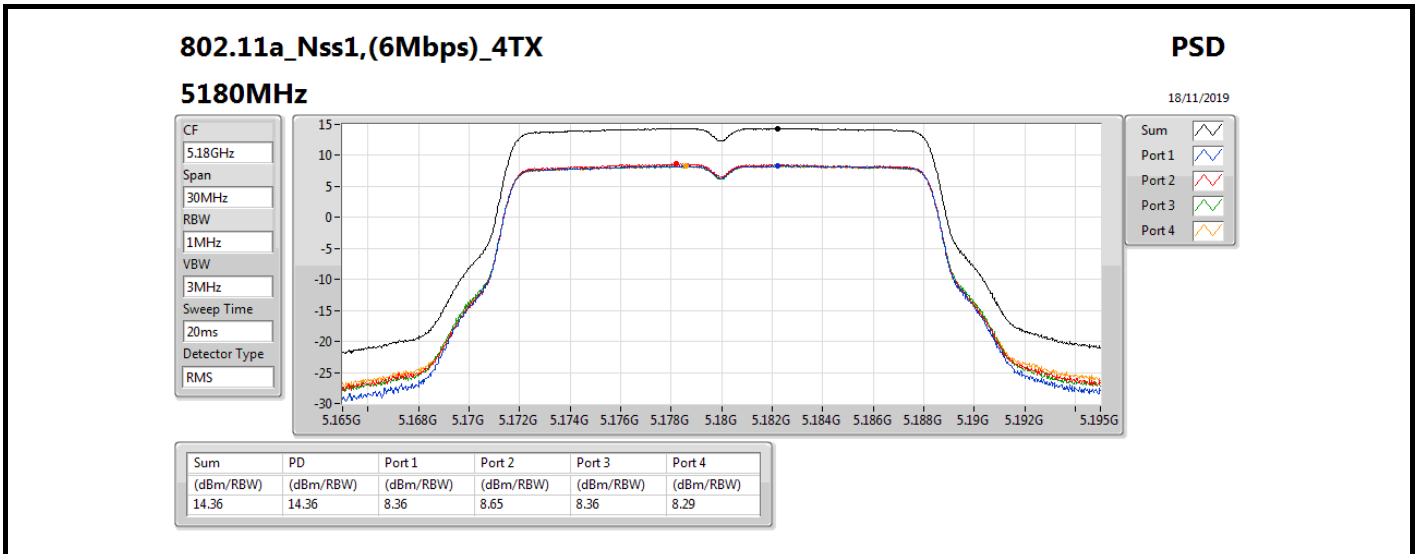
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	8.36	8.65	8.36	8.29	14.36	15.40
5200MHz	Pass	7.60	9.08	9.55	9.41	9.30	15.29	15.40
5240MHz	Pass	7.60	9.13	9.36	9.64	9.46	15.32	15.40
5260MHz	Pass	7.50	3.20	3.04	3.51	3.03	9.13	9.50
5300MHz	Pass	7.50	3.28	3.17	3.48	3.23	9.22	9.50
5320MHz	Pass	7.50	3.22	3.34	3.49	3.17	9.23	9.50
5500MHz	Pass	7.00	3.70	3.61	3.99	3.58	9.68	10.00
5580MHz	Pass	7.00	3.65	3.69	3.84	3.38	9.59	10.00
5700MHz	Pass	7.00	3.55	3.63	3.84	3.72	9.58	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.71	3.91	4.34	3.97	9.95	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.17	2.19	2.62	1.86	8.17	28.90
5745MHz	Pass	7.10	7.00	7.36	7.50	7.00	13.15	28.90
5785MHz	Pass	7.10	7.03	7.28	7.18	6.75	13.00	28.90
5825MHz	Pass	7.10	6.81	7.02	7.22	6.70	12.87	28.90
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	7.78	7.99	7.69	7.67	13.66	15.40
5200MHz	Pass	7.60	8.81	9.25	9.38	9.00	15.03	15.40
5240MHz	Pass	7.60	8.80	9.13	9.34	9.16	15.02	15.40
5260MHz	Pass	7.50	3.44	3.32	3.75	3.52	9.44	9.50
5300MHz	Pass	7.50	3.47	3.40	3.71	3.43	9.43	9.50
5320MHz	Pass	7.50	3.54	3.46	3.68	3.33	9.42	9.50
5500MHz	Pass	7.00	4.00	4.07	4.23	3.89	9.92	10.00
5580MHz	Pass	7.00	4.02	3.94	4.10	3.95	9.90	10.00
5700MHz	Pass	7.00	3.79	4.01	4.28	4.00	9.95	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.72	3.72	4.41	3.95	9.89	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	1.96	2.15	2.37	1.95	8.12	28.90
5745MHz	Pass	7.10	6.73	7.16	7.57	6.91	12.99	28.90
5785MHz	Pass	7.10	7.03	7.11	7.03	6.84	12.91	28.90
5825MHz	Pass	7.10	7.06	7.33	7.43	7.19	13.16	28.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.80	0.61	0.77	0.50	6.58	15.40
5230MHz	Pass	7.60	5.88	6.00	6.18	6.12	11.93	15.40
5270MHz	Pass	7.50	2.02	1.99	2.03	1.76	7.85	9.50
5310MHz	Pass	7.50	0.57	0.42	0.70	0.26	6.39	9.50
5510MHz	Pass	7.00	0.91	0.84	1.09	0.87	6.90	10.00
5550MHz	Pass	7.00	1.80	1.72	2.29	2.05	7.93	10.00
5670MHz	Pass	7.00	1.87	1.76	2.34	1.77	7.72	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.45	1.55	2.10	1.79	7.67	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	-0.22	-0.16	-0.03	-0.35	5.81	28.90
5755MHz	Pass	7.10	4.26	4.42	4.73	4.48	10.40	28.90
5795MHz	Pass	7.10	4.56	4.70	4.49	4.25	10.39	28.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-2.30	-2.53	-2.75	-2.11	3.28	15.40

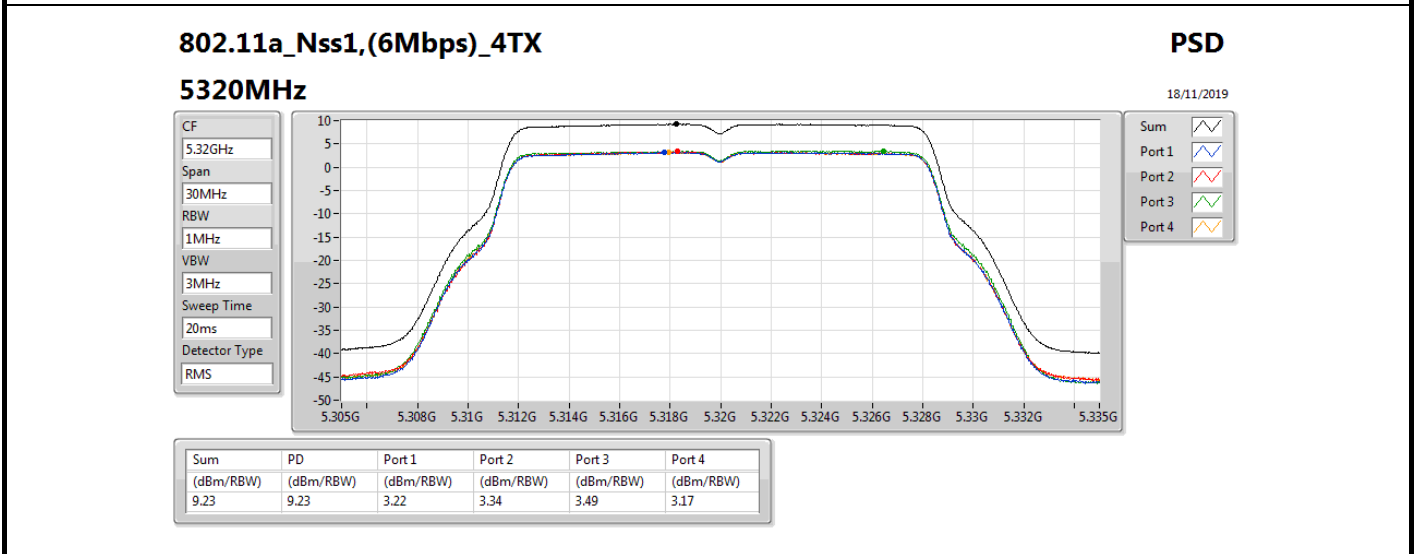
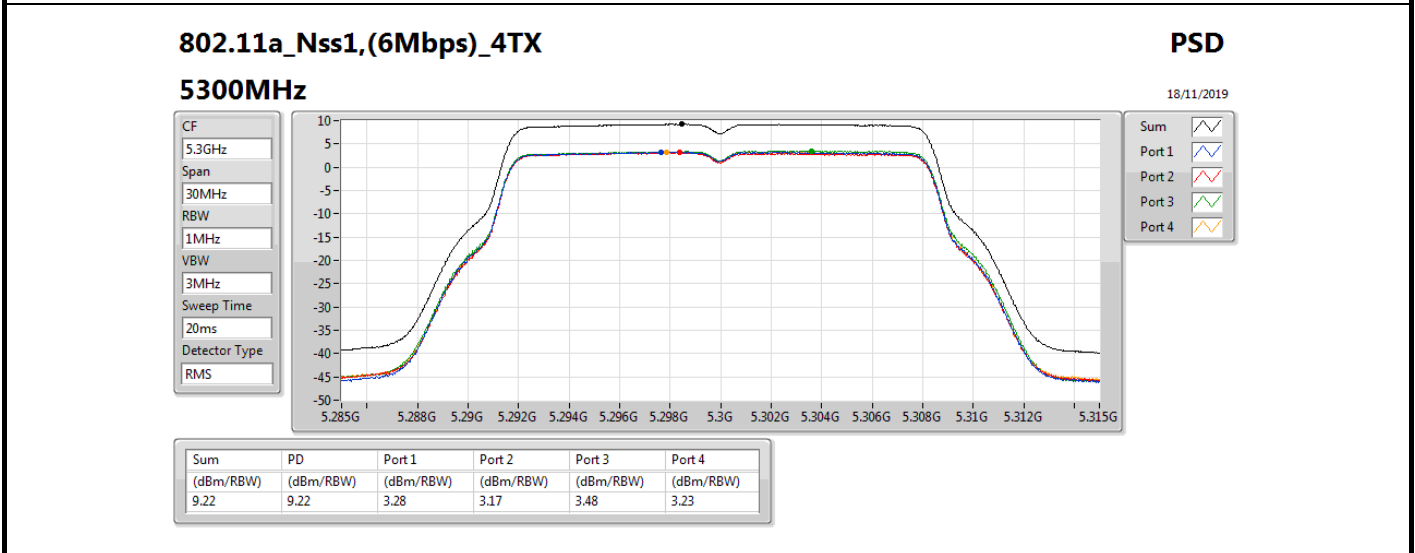
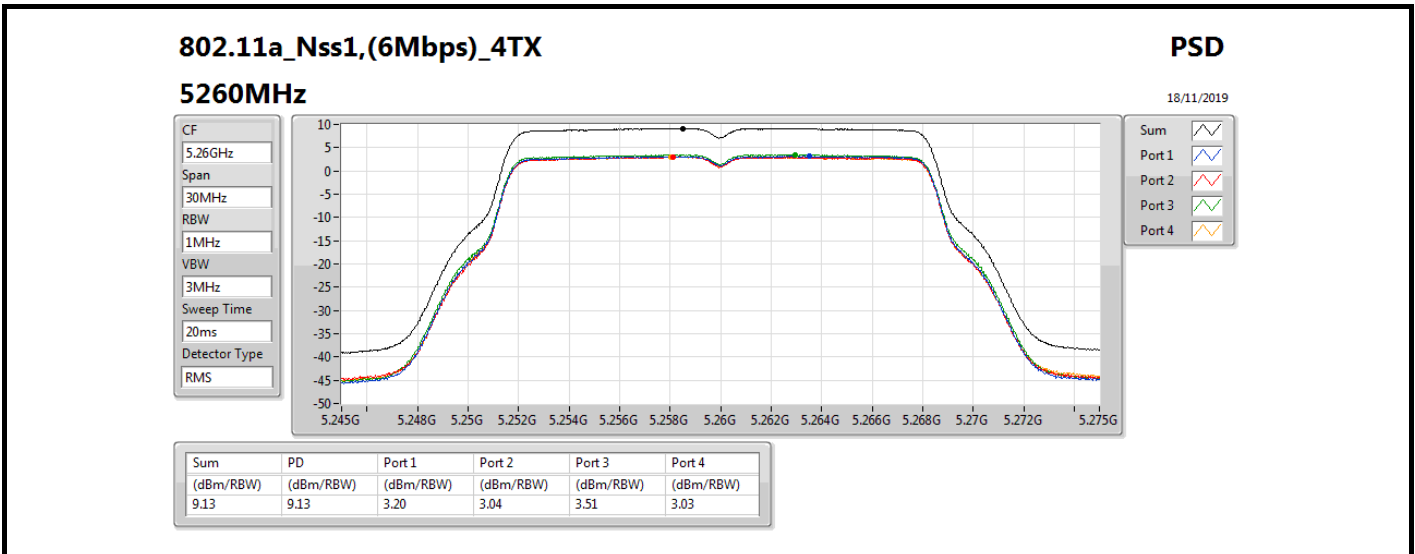


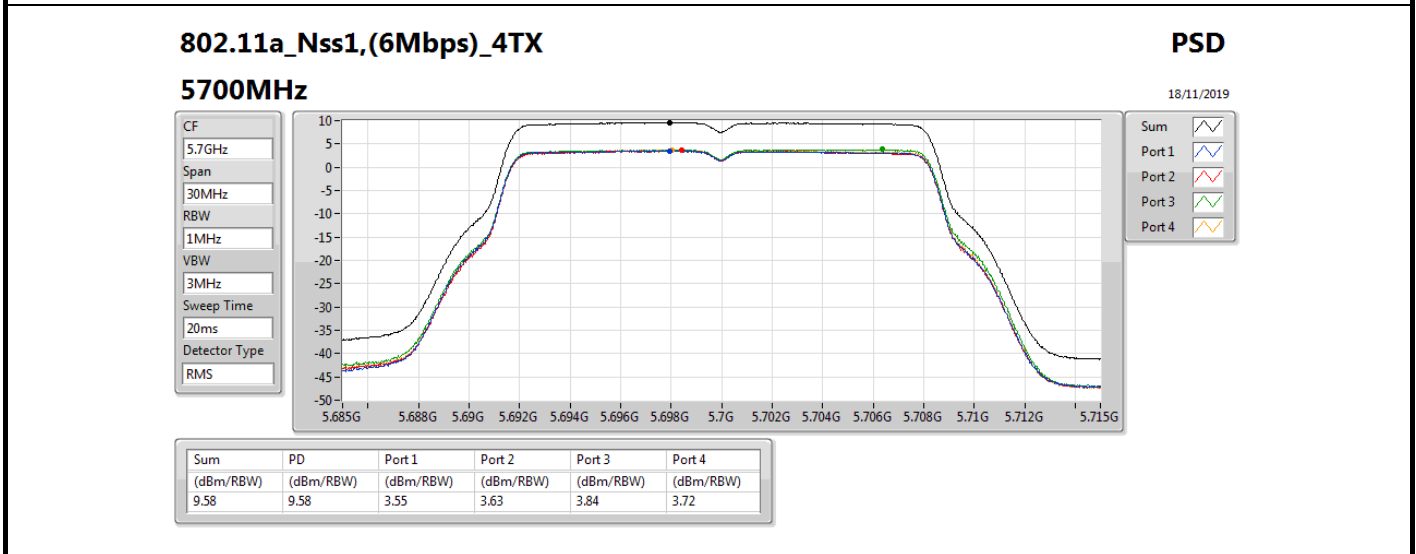
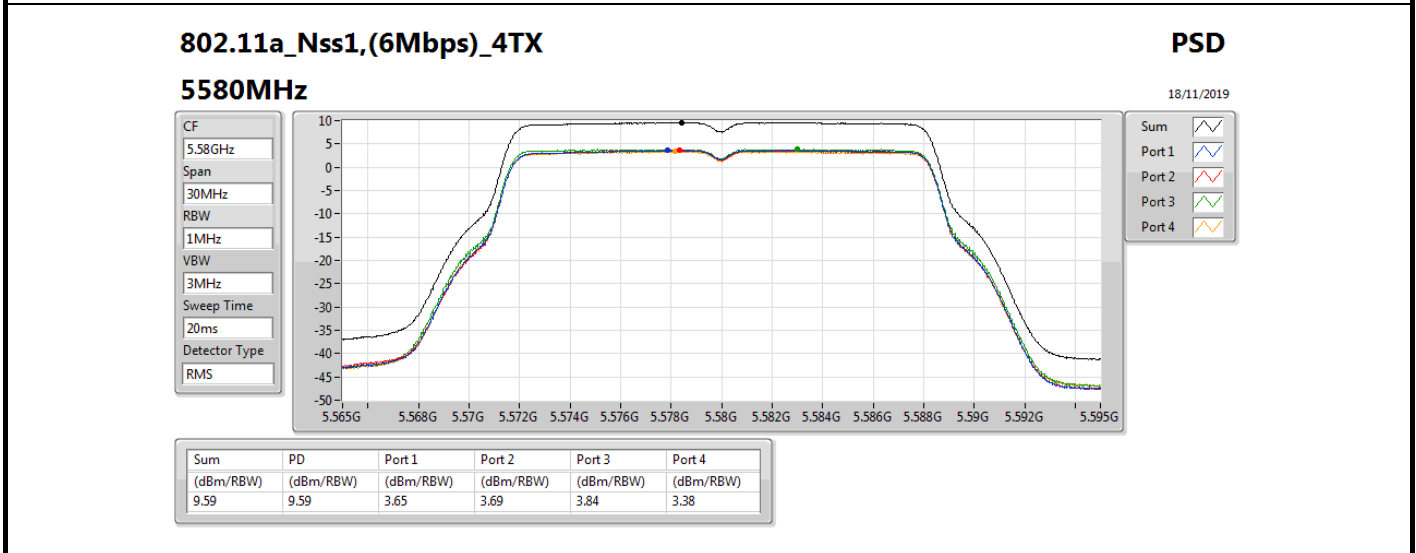
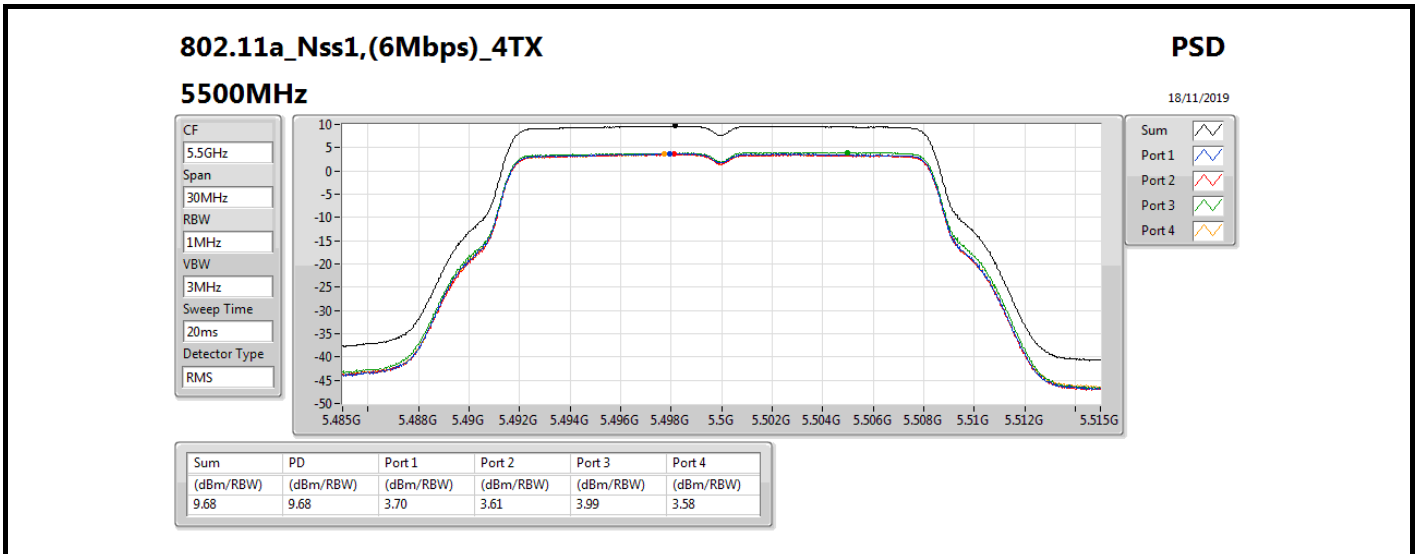
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	7.50	-3.03	-3.31	-3.59	-3.48	2.38	9.50
5530MHz	Pass	7.00	-2.83	-2.93	-2.84	-2.60	3.08	10.00
5610MHz	Pass	7.00	-0.58	-0.60	-0.24	-0.47	5.27	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-0.60	-0.85	-0.62	-1.00	5.04	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-3.06	-2.77	-2.85	-4.00	2.76	28.90
5775MHz	Pass	7.10	0.08	0.11	0.33	-0.40	5.87	28.90

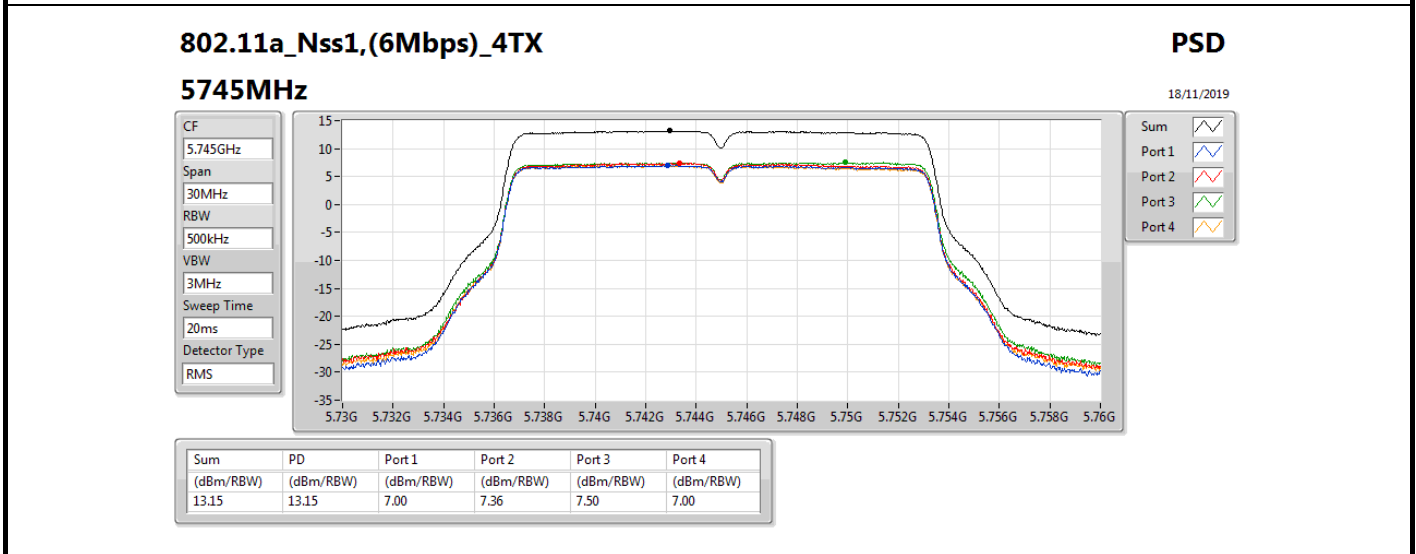
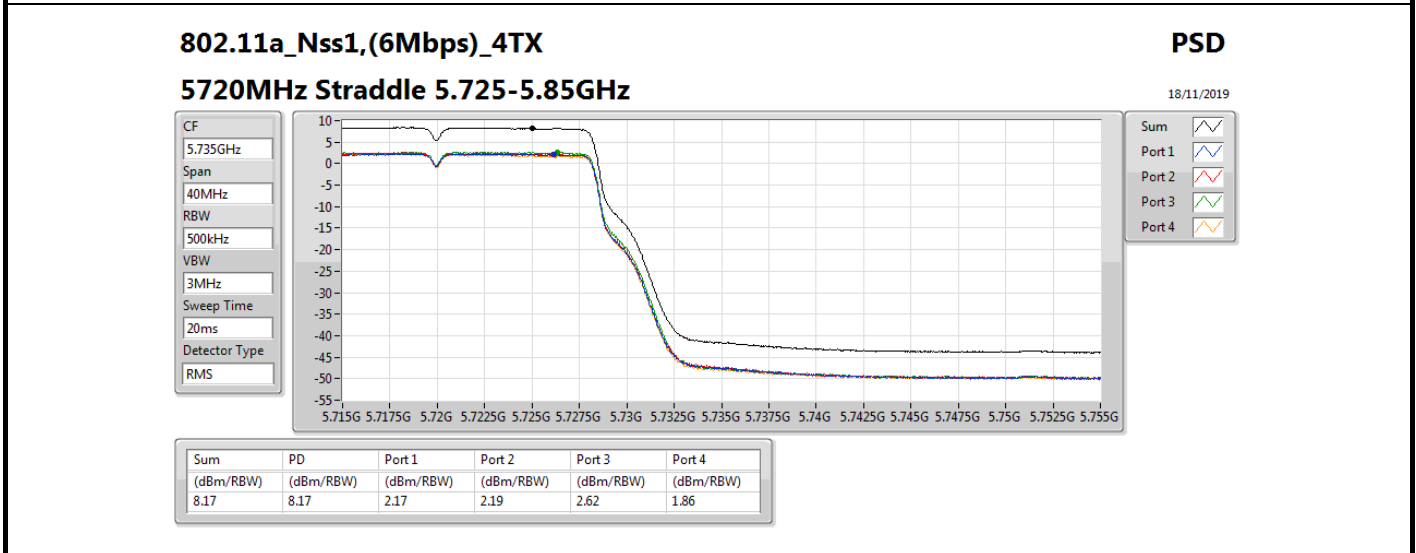
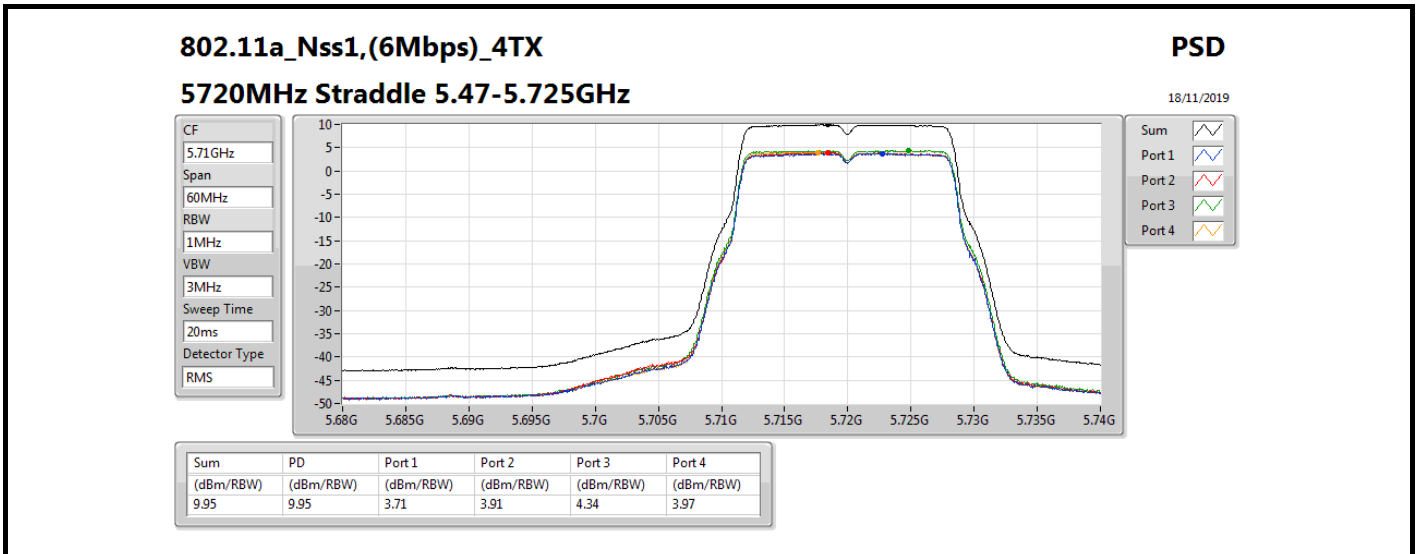
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;









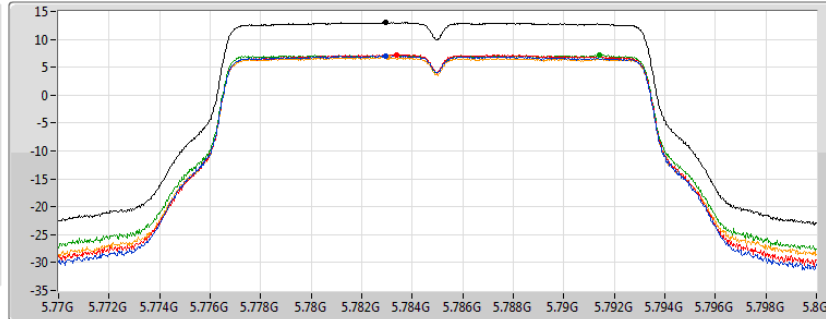
802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

18/11/2019

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	7.03	7.28	7.18	6.75

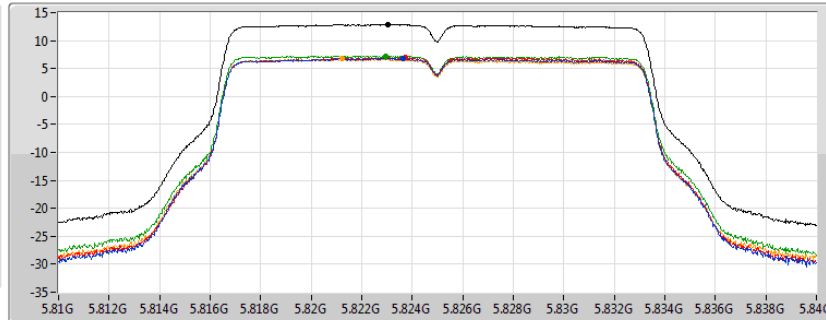
802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

18/11/2019

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.87	12.87	6.81	7.02	7.22	6.70

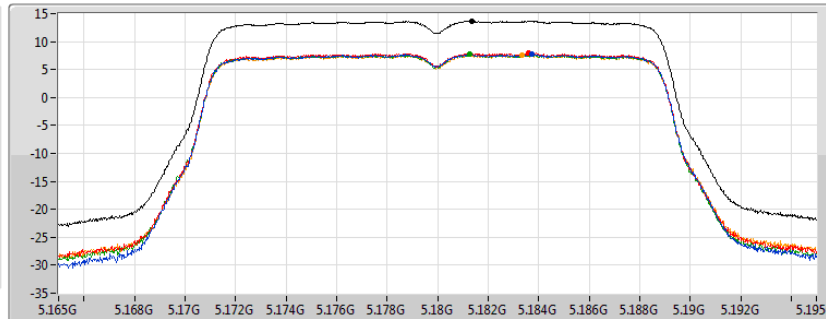
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

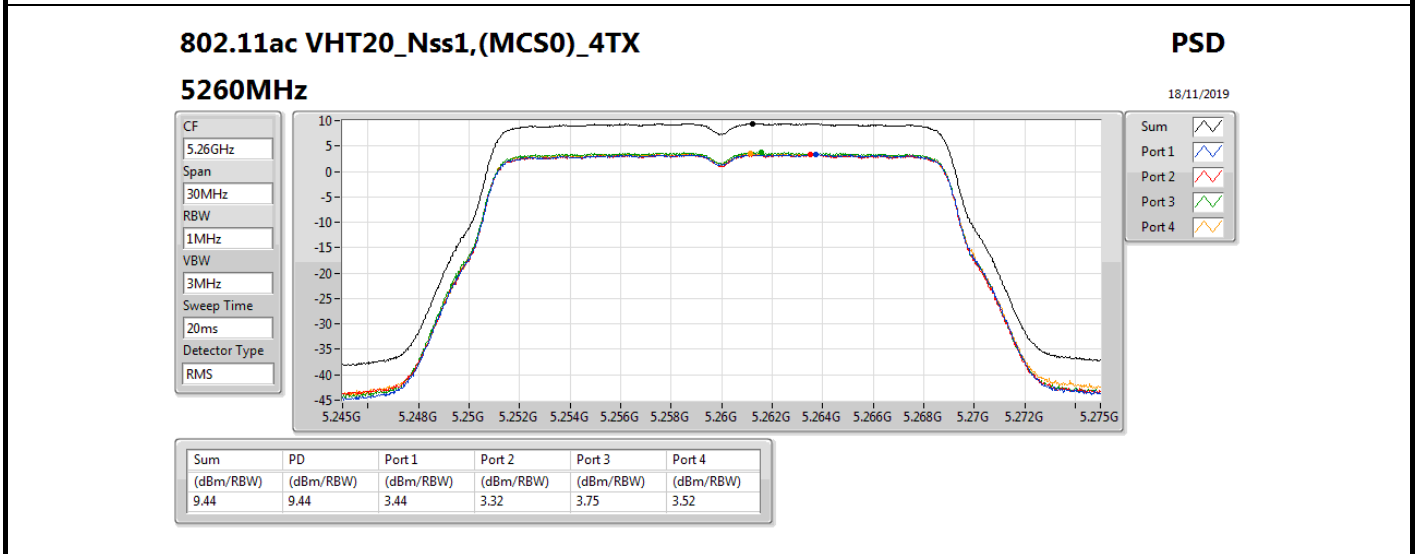
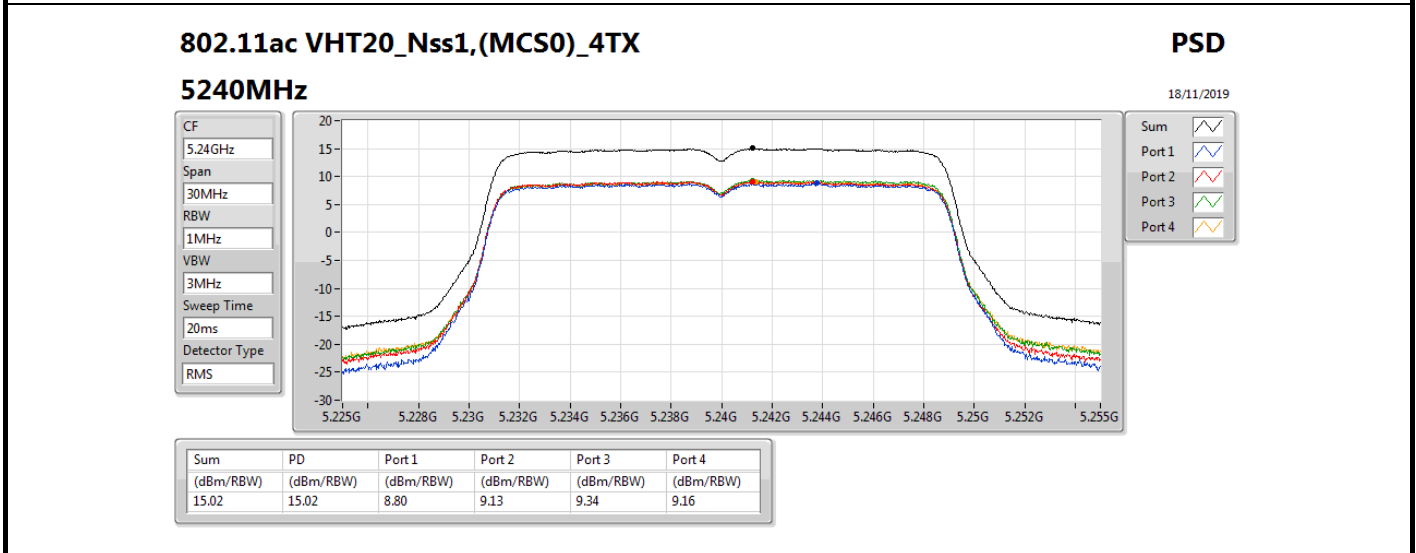
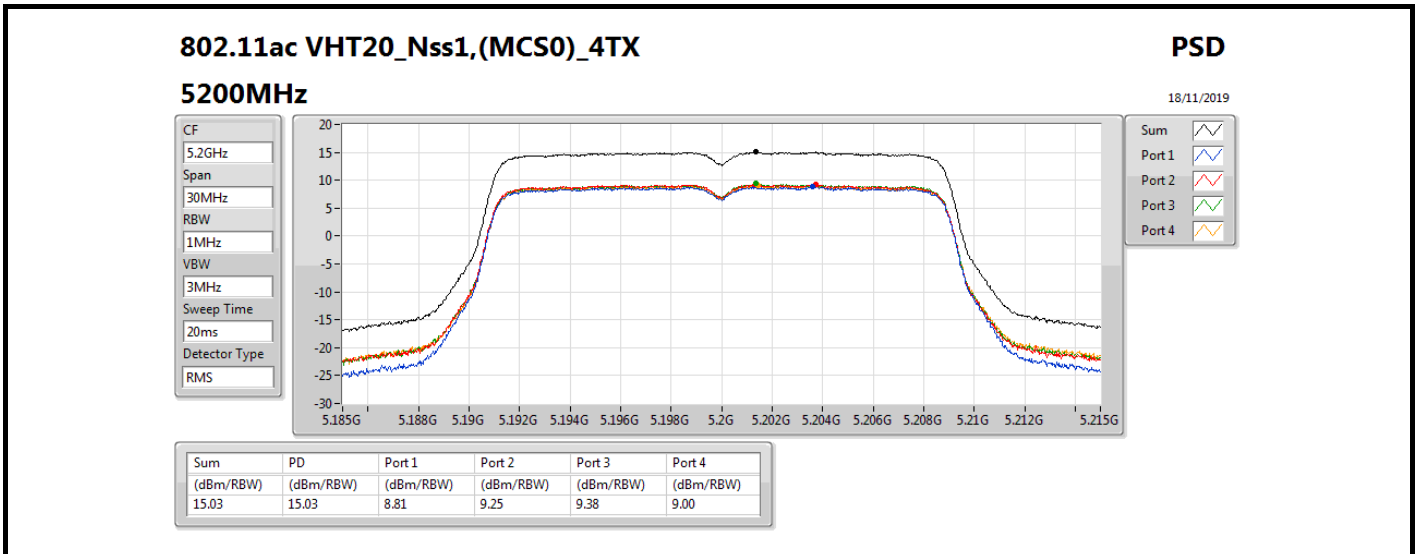
5180MHz

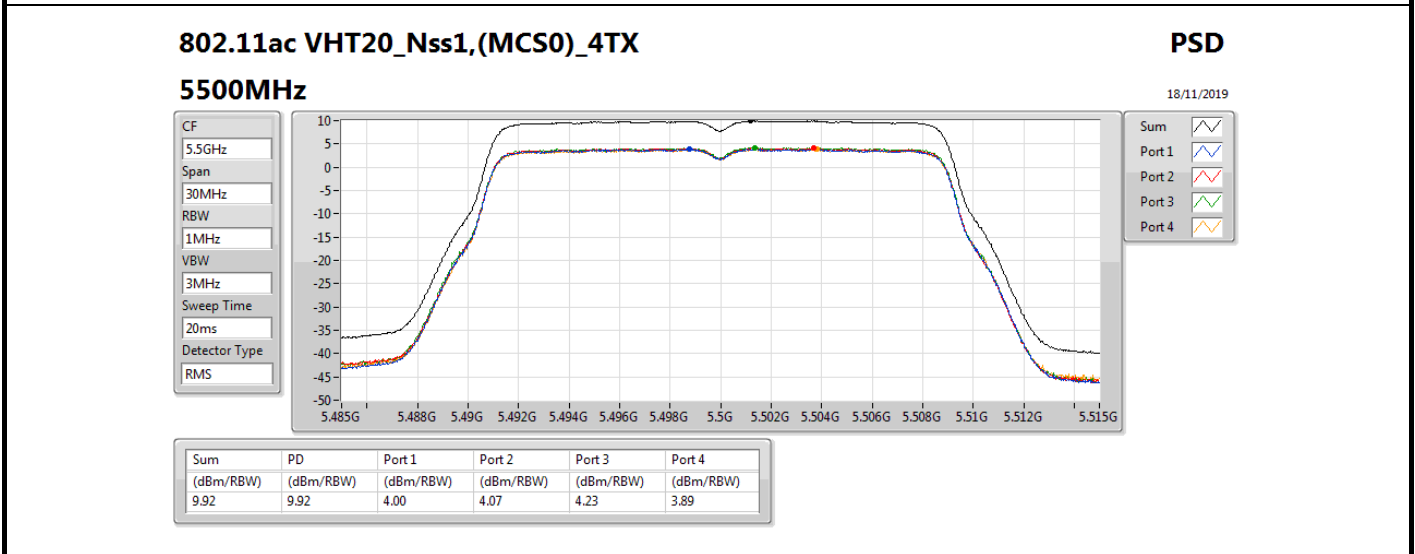
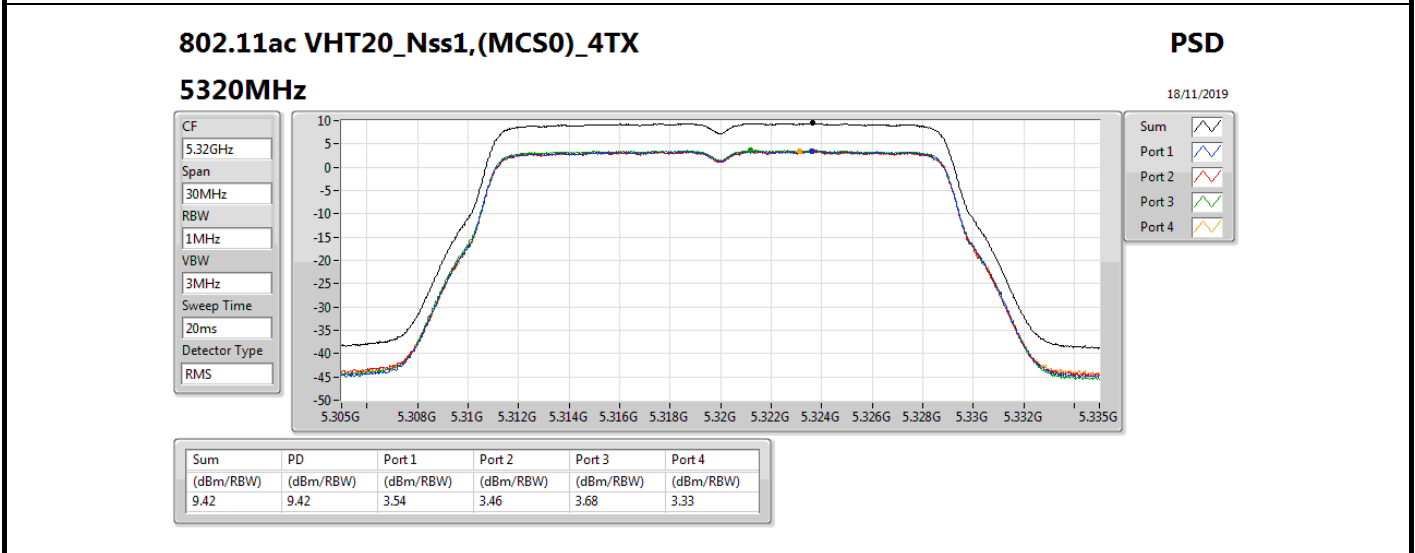
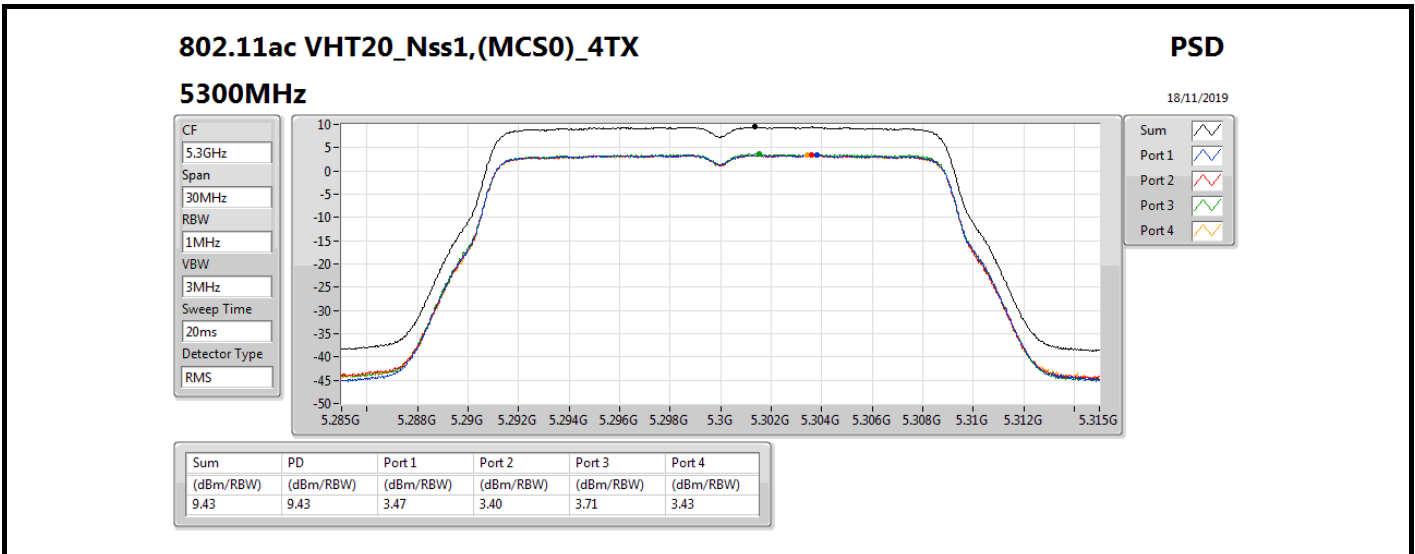
18/11/2019

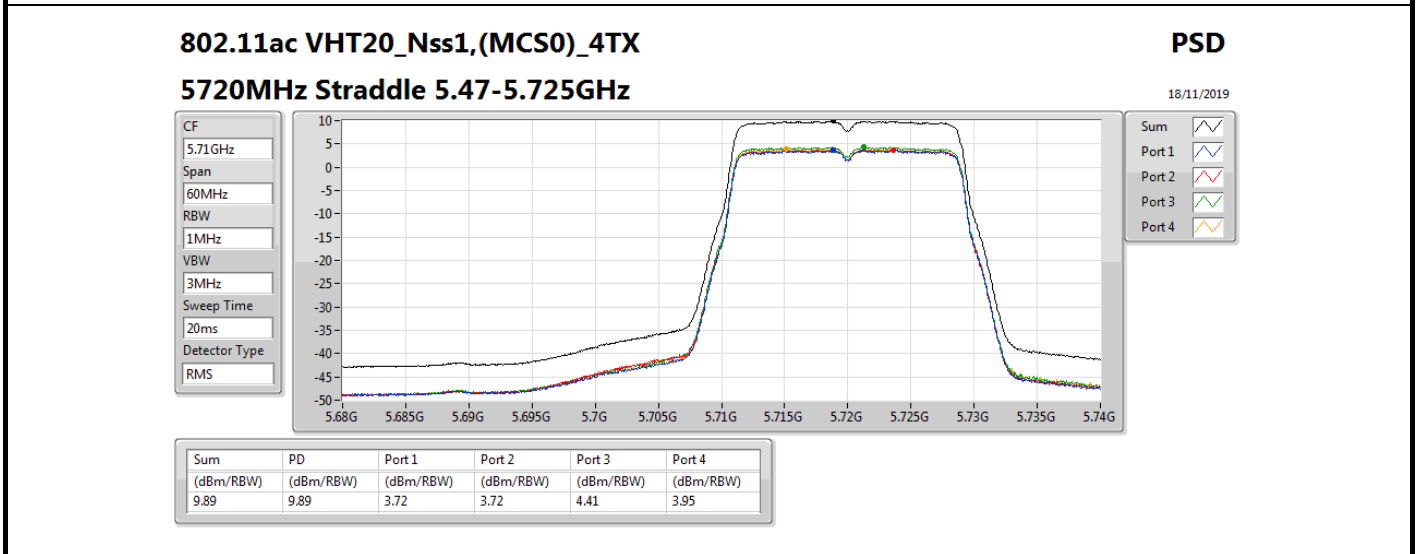
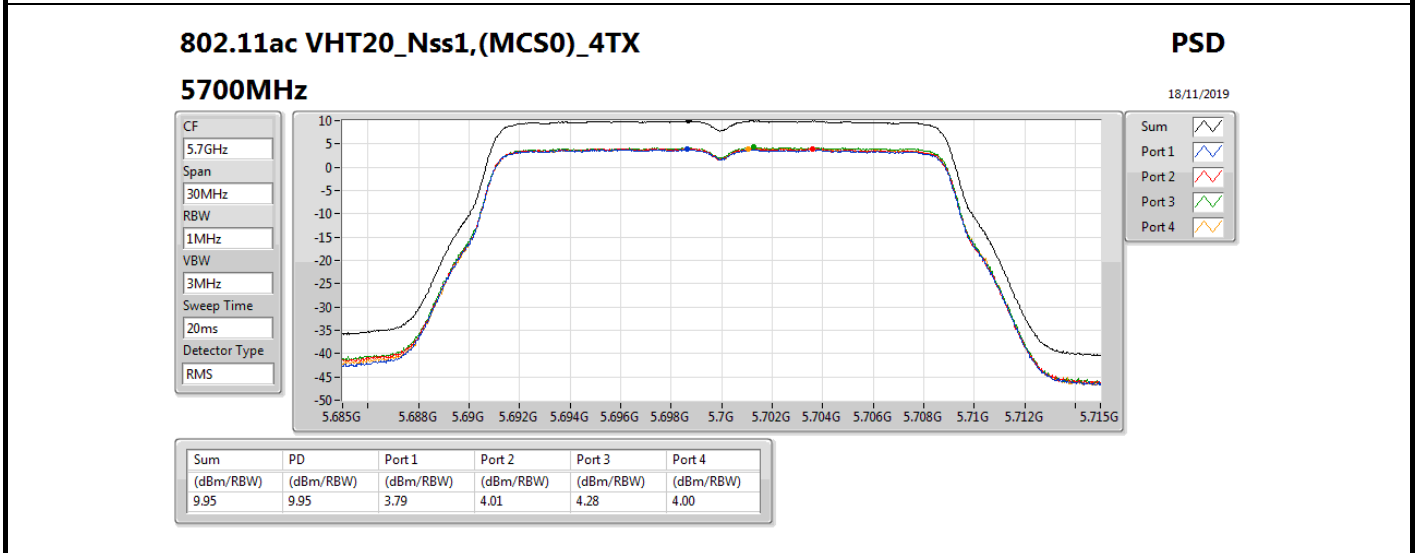
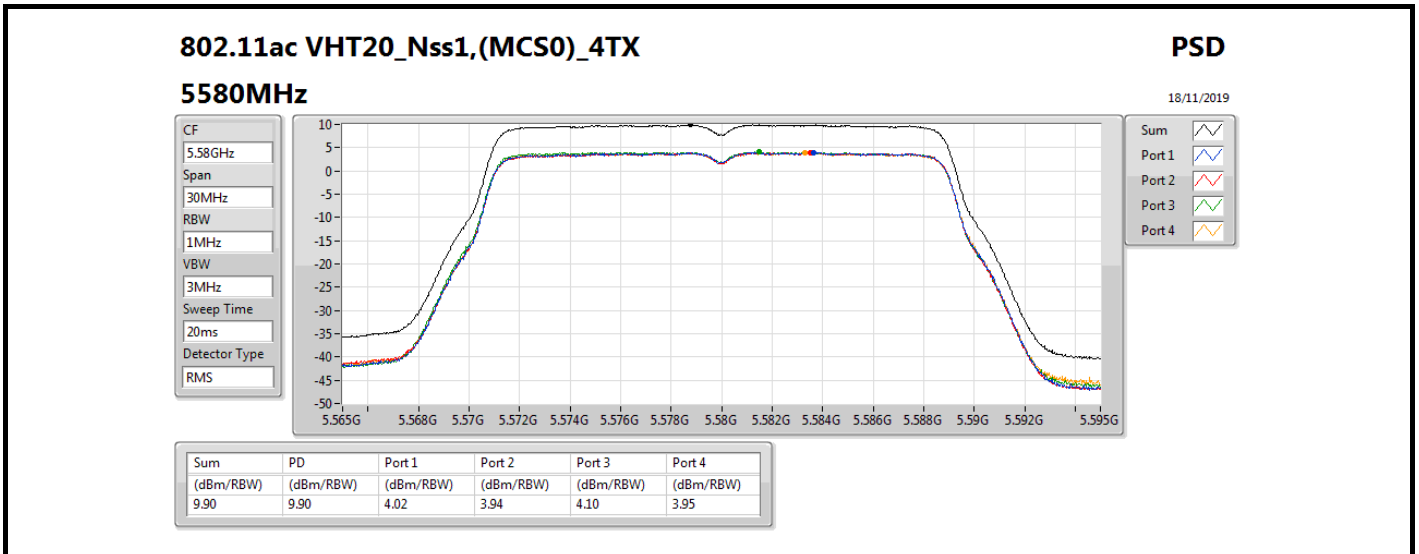
CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.66	13.66	7.78	7.99	7.69	7.67





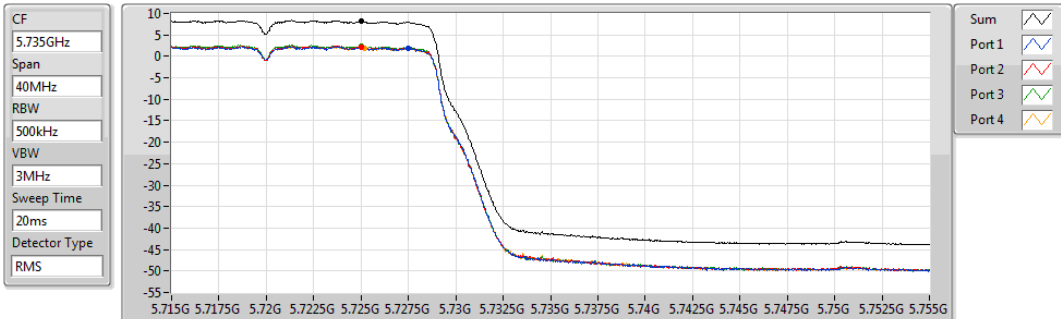


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

18/11/2019



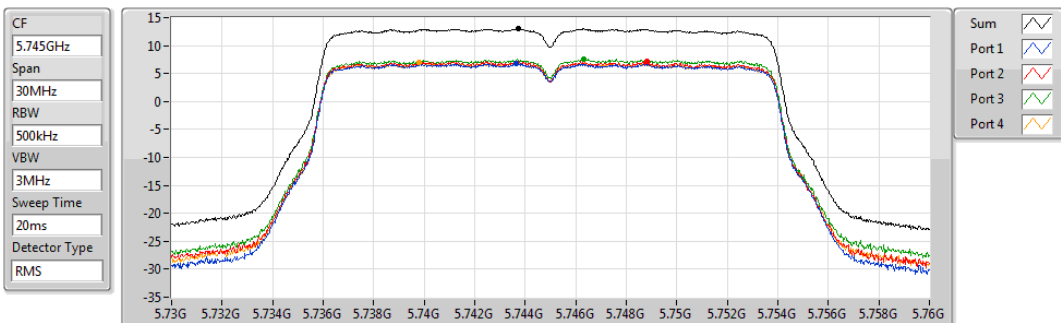
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	1.96	2.15	2.37	1.95

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

18/11/2019



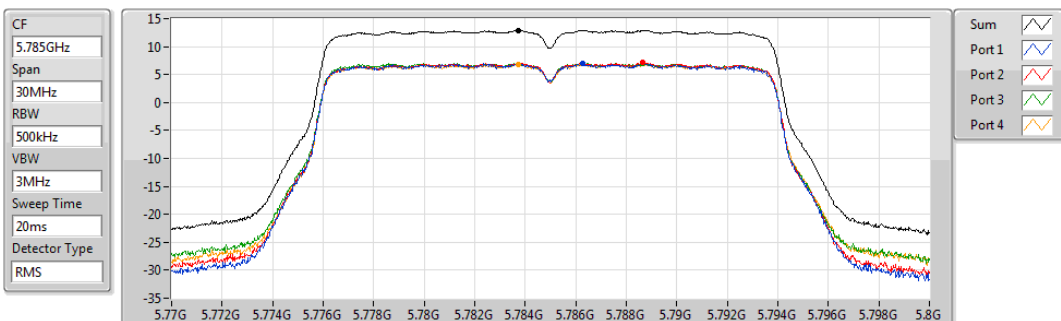
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	6.73	7.16	7.57	6.91

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

18/11/2019



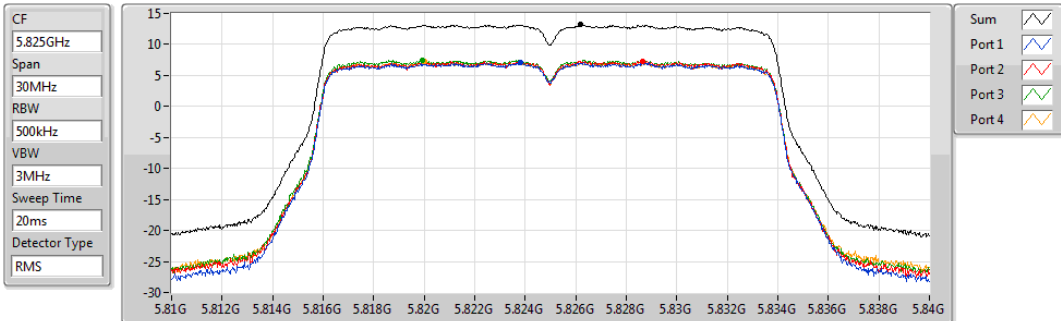
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.91	12.91	7.03	7.11	7.03	6.84

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

18/11/2019



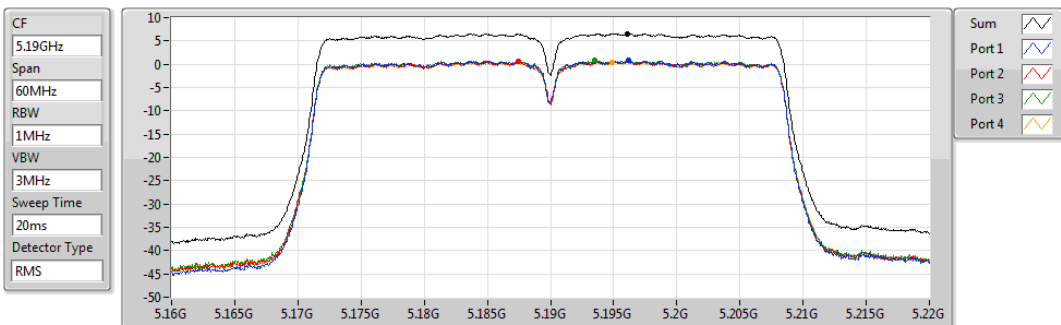
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.16	13.16	7.06	7.33	7.43	7.19

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019



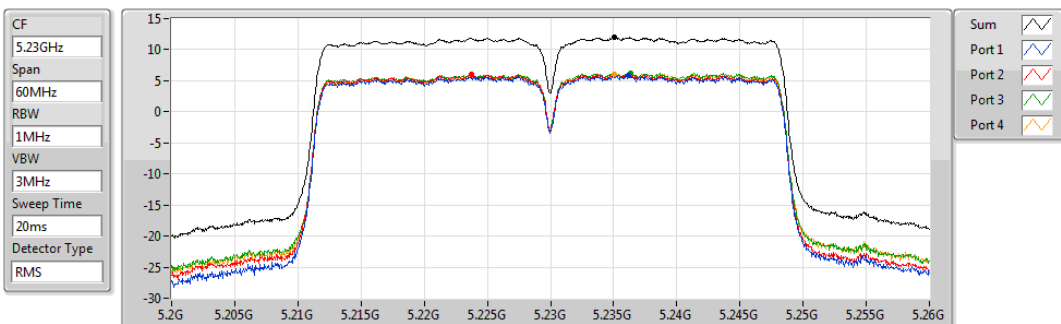
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	0.80	0.61	0.77	0.50

802.11ac VHT40_Nss1,(MCS0)_4TX

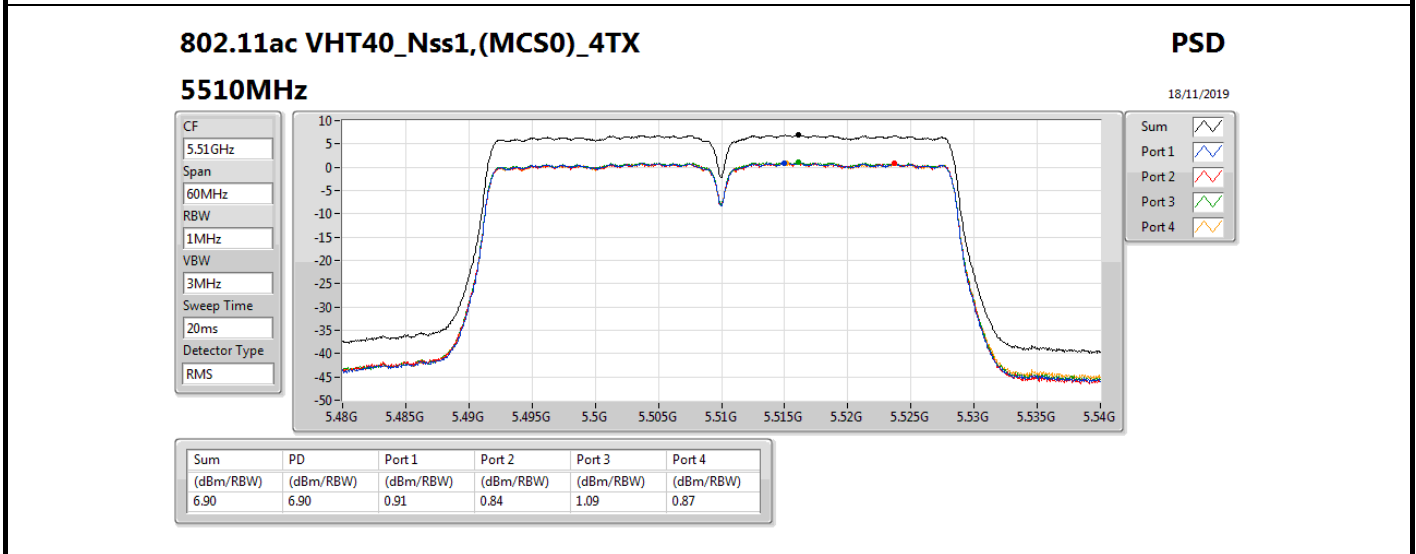
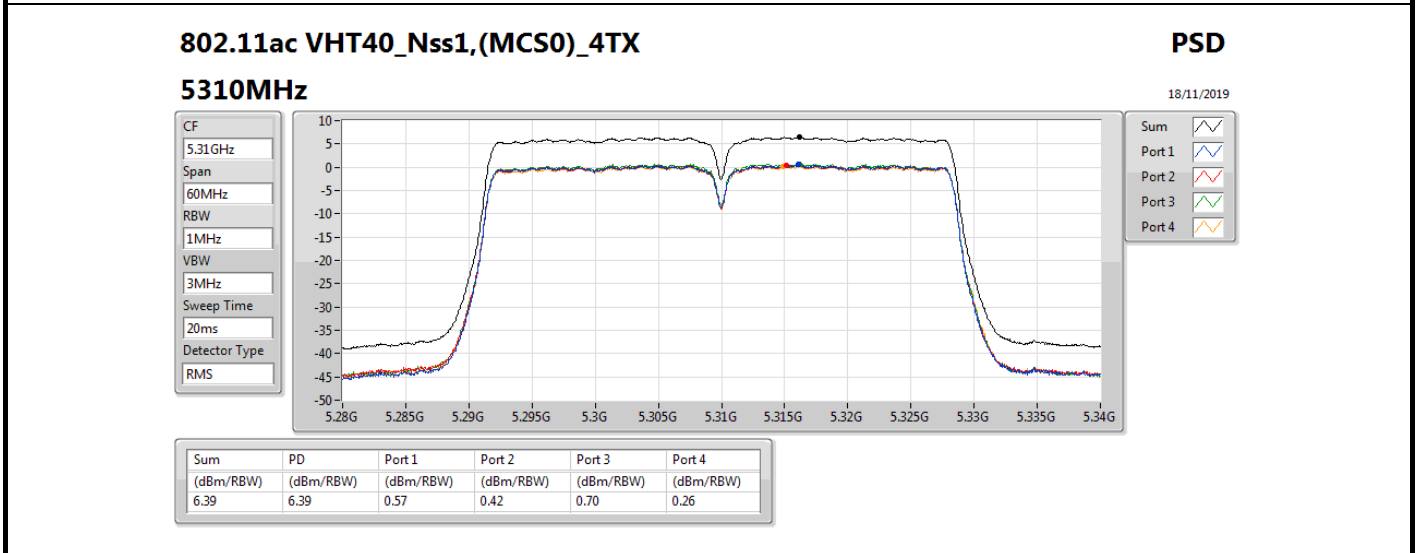
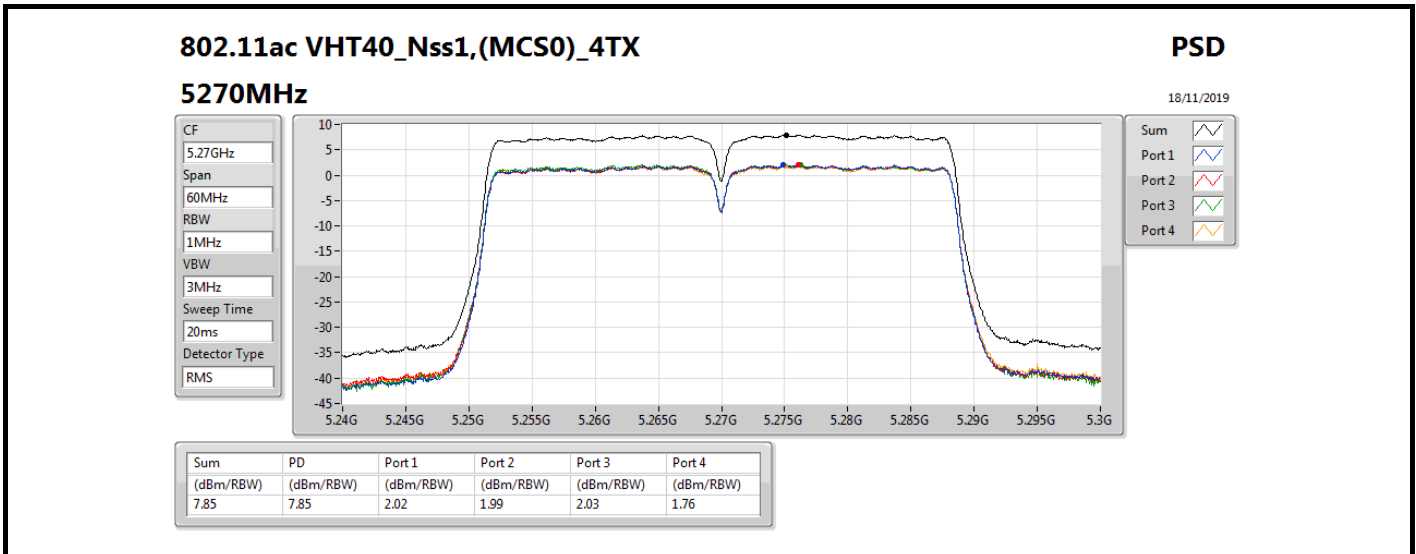
PSD

5230MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.93	11.93	5.88	6.00	6.18	6.12

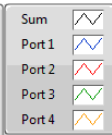
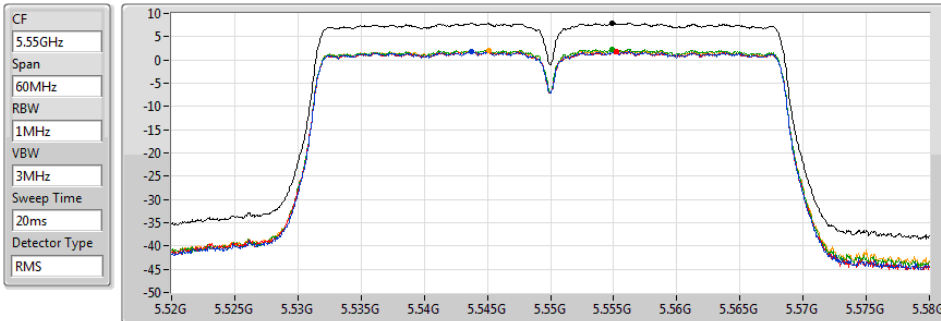


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

18/11/2019



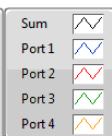
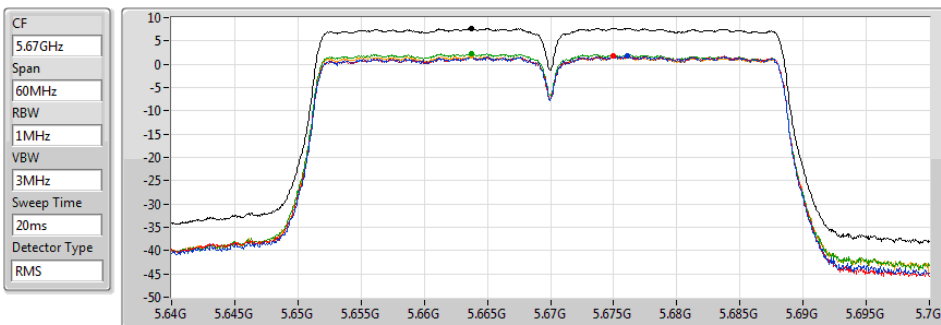
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.80	1.72	2.29	2.05

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

18/11/2019



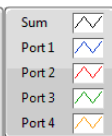
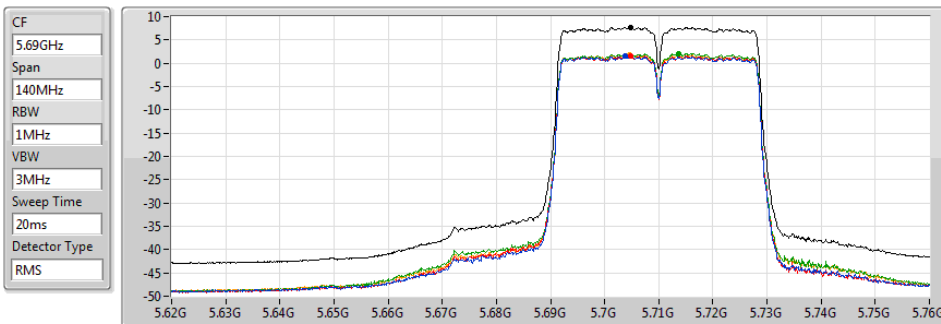
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	1.87	1.76	2.34	1.77

802.11ac VHT40_Nss1,(MCS0)_4TX

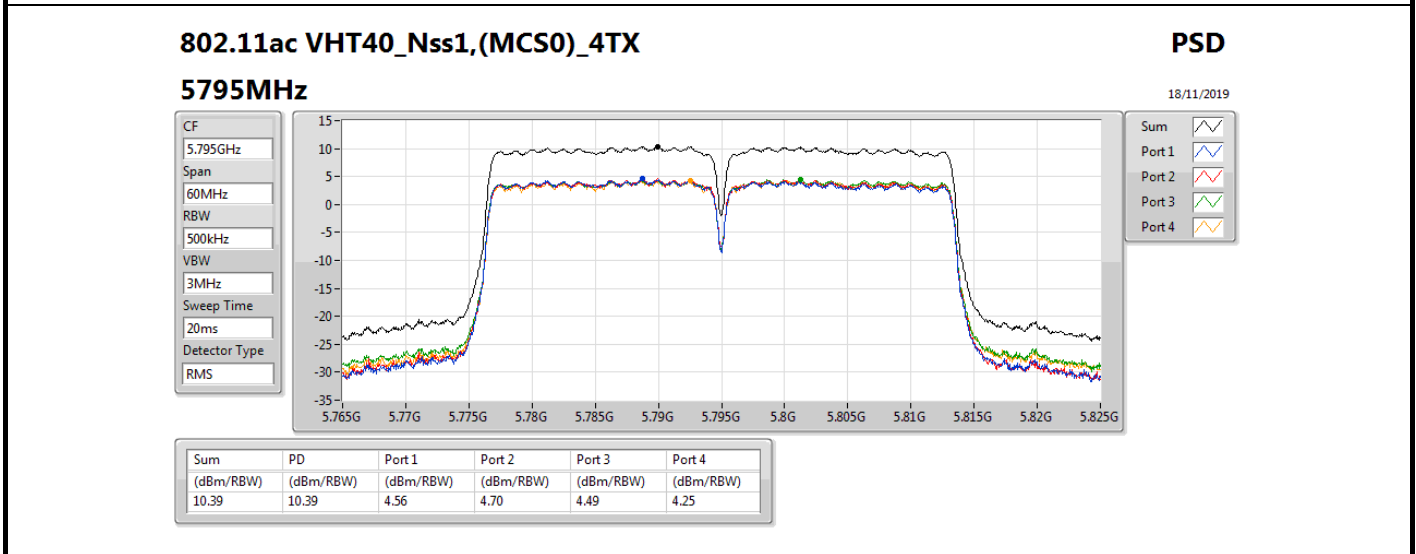
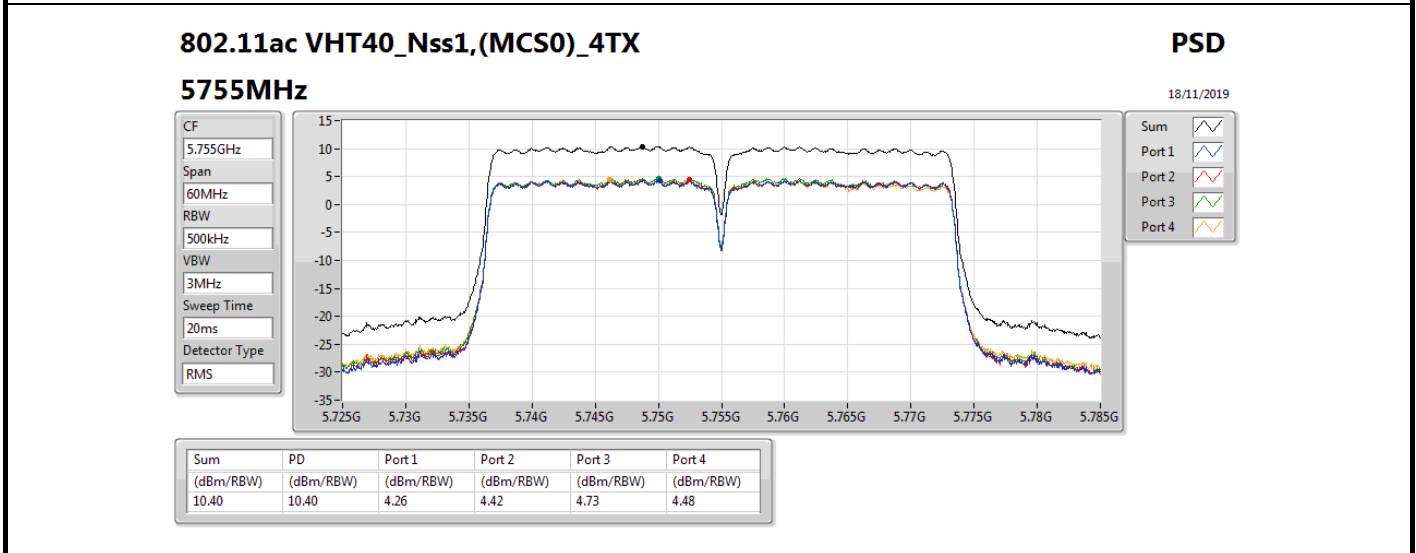
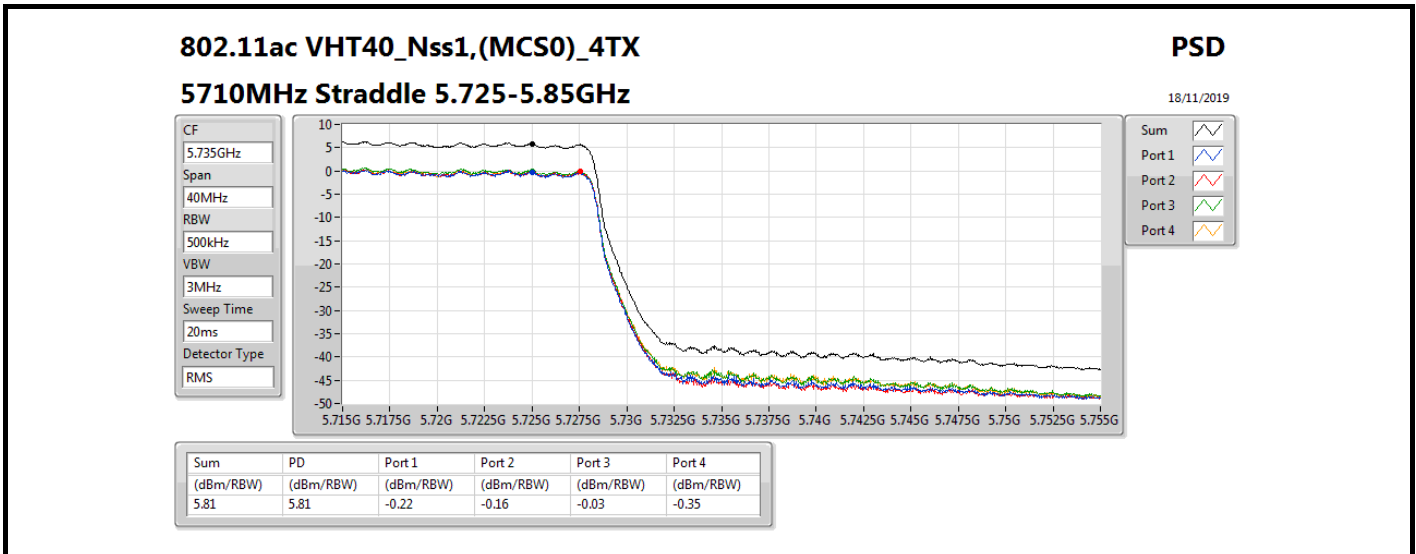
PSD

5710MHz Straddle 5.47-5.725GHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.45	1.55	2.10	1.79



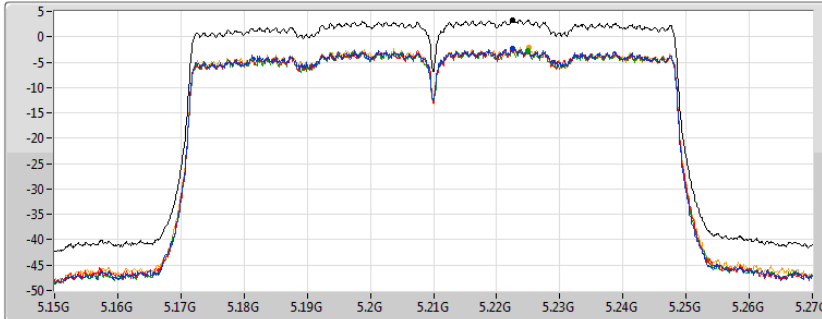
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/11/2019

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	-2.30	-2.53	-2.75	-2.11

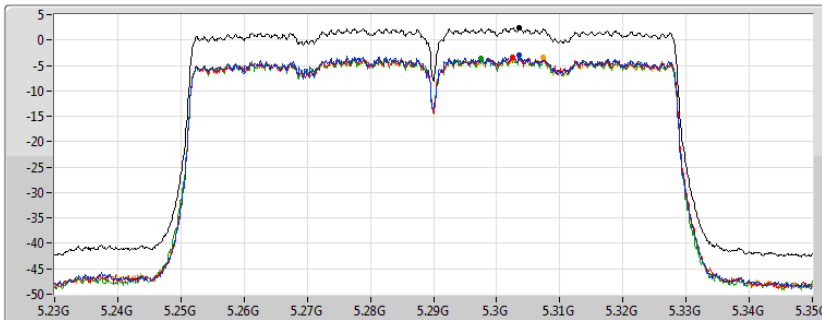
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

20/11/2019

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-3.03	-3.31	-3.59	-3.48

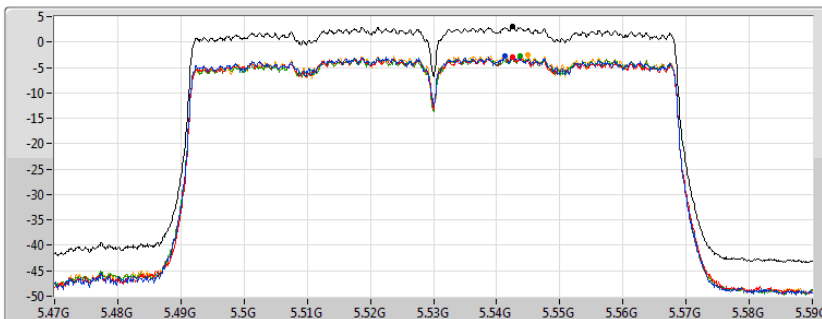
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

20/11/2019

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

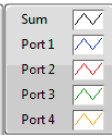
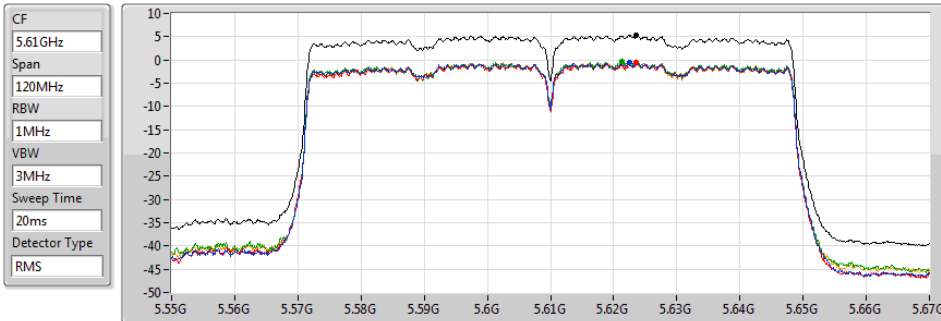
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	-2.83	-2.93	-2.84	-2.60

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

18/11/2019



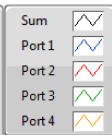
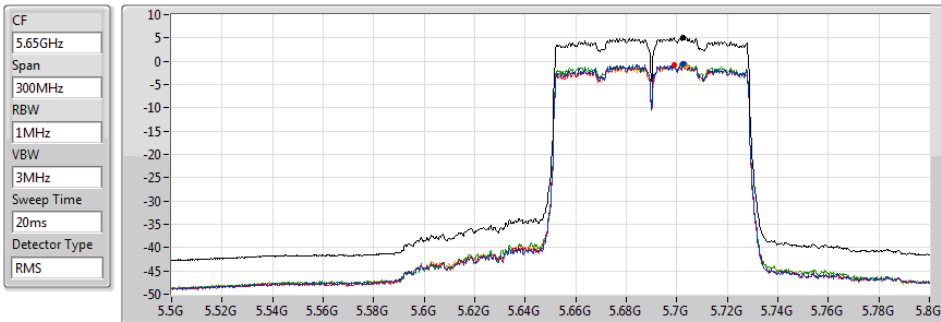
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	-0.58	-0.60	-0.24	-0.47

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/11/2019



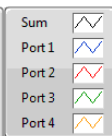
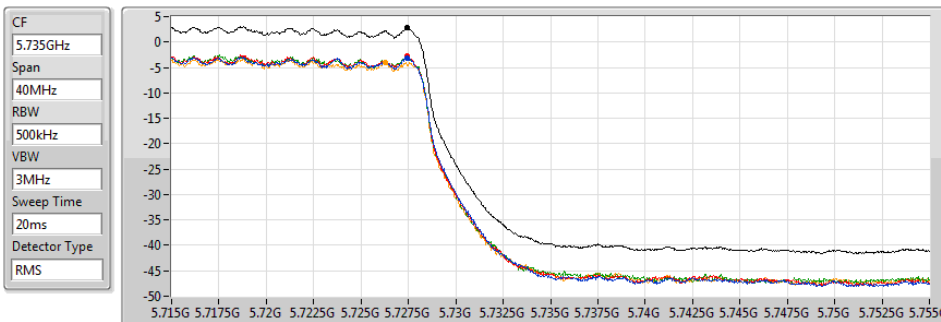
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	-0.60	-0.85	-0.62	-1.00

802.11ac VHT80_Nss1,(MCS0)_4TX

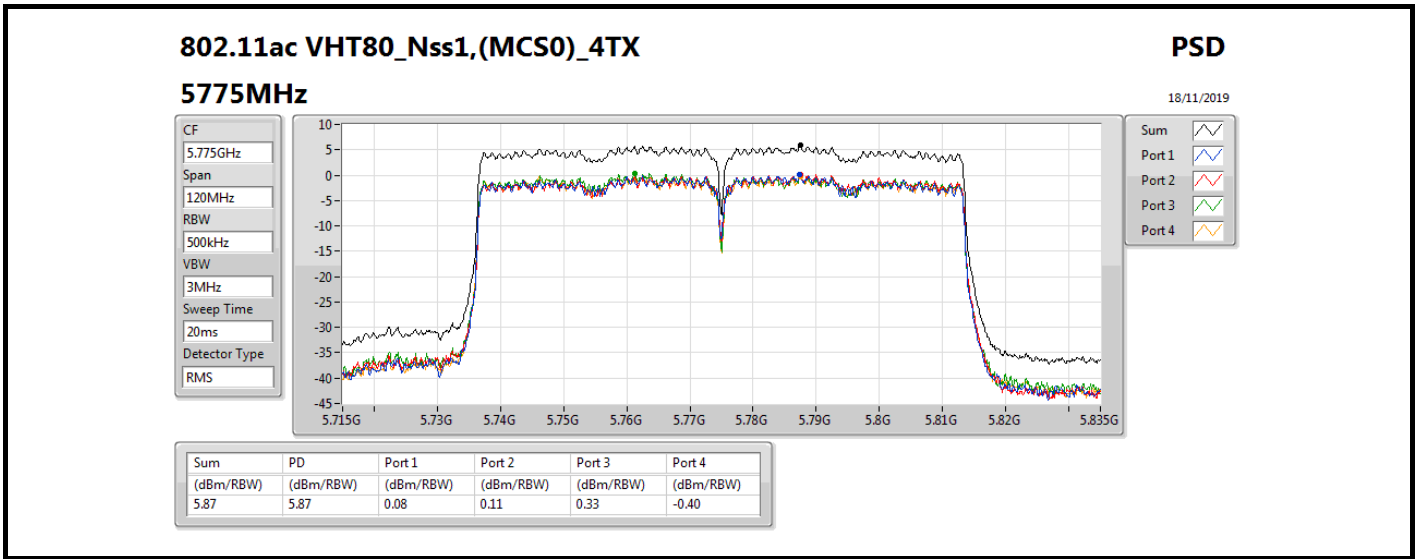
PSD

5690MHz Straddle 5.725-5.85GHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.76	2.76	-3.06	-2.77	-2.85	-4.00





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.65
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.94
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.54
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.69
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	5.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.57
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.63
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.84
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.62
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.48
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.34

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

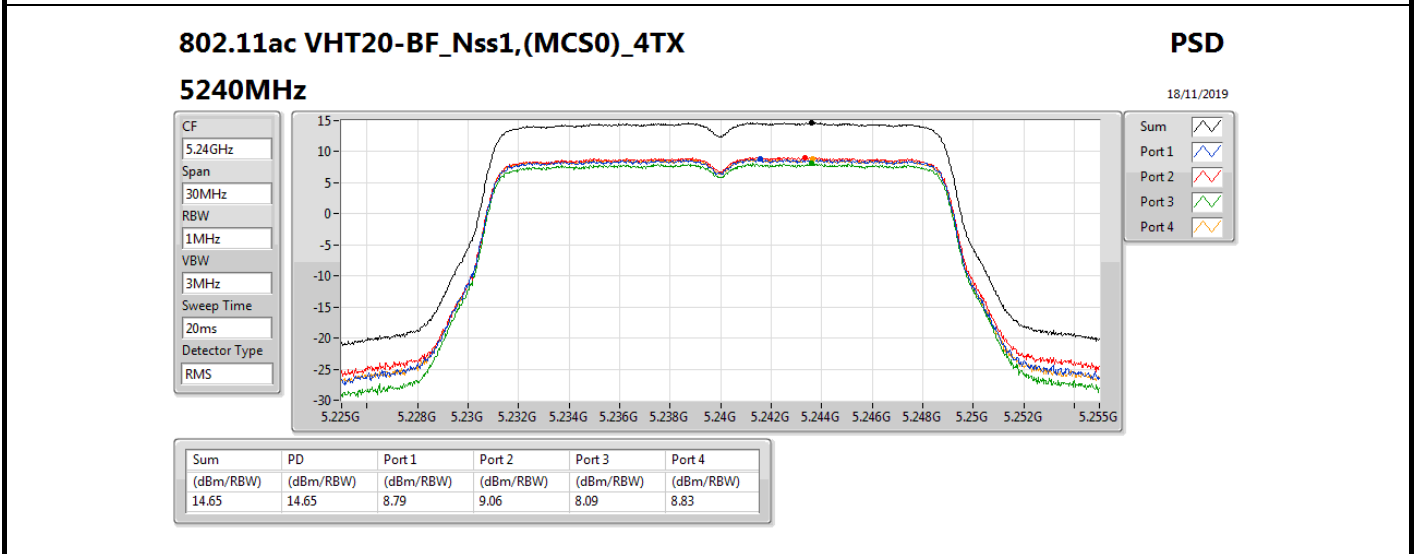
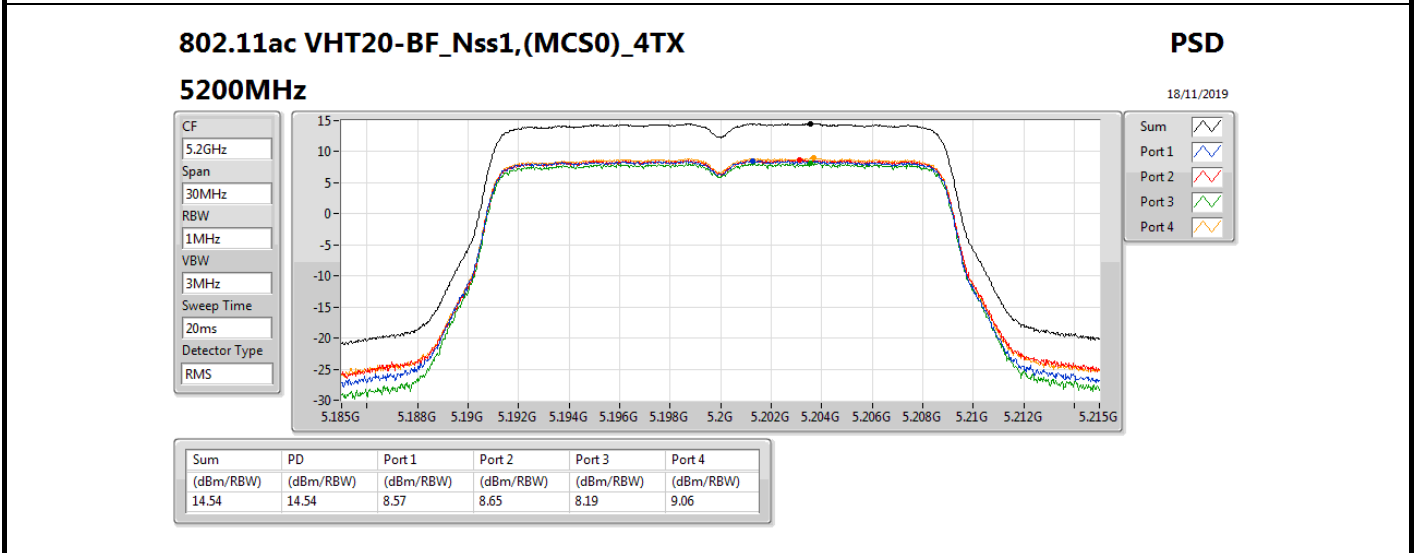
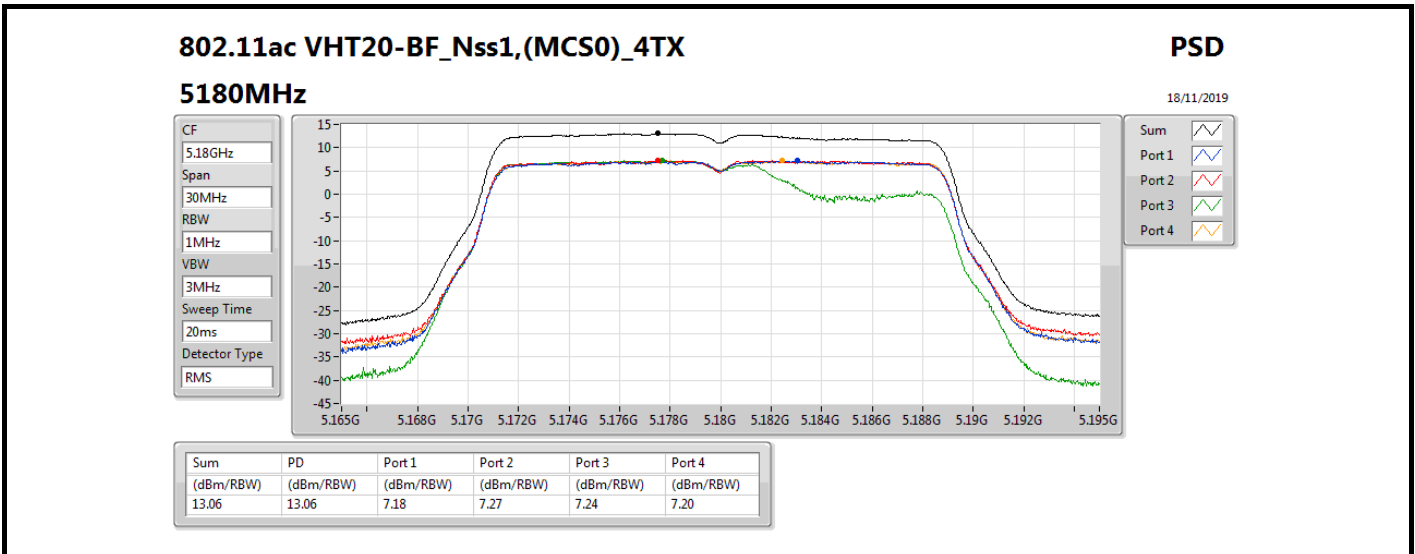


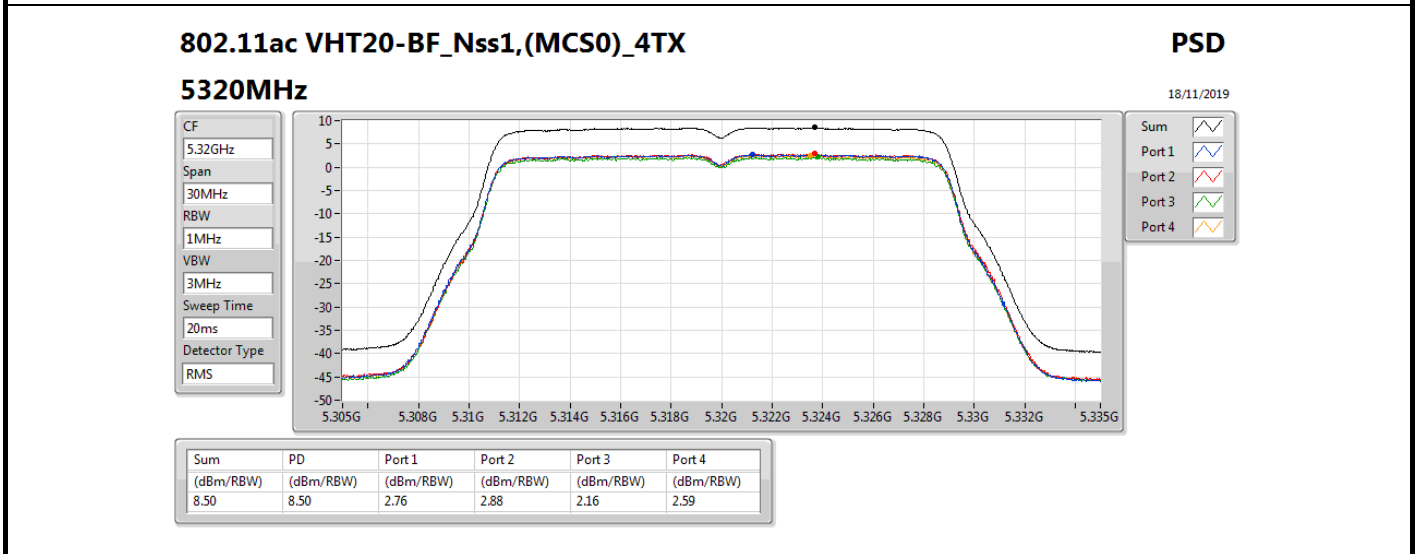
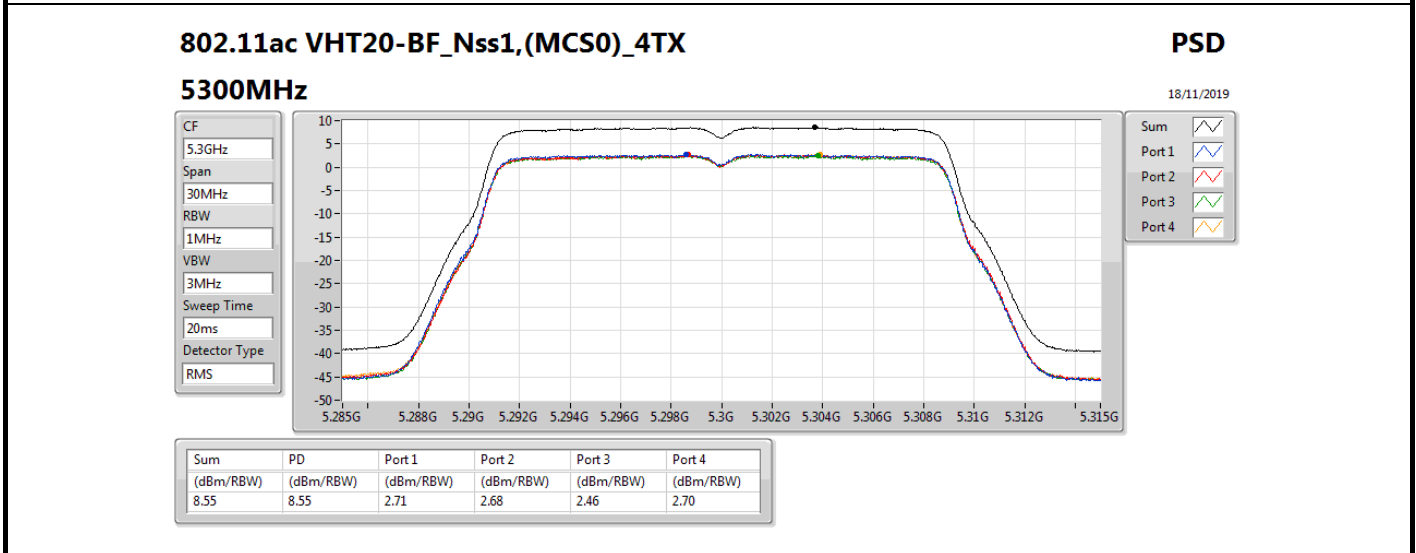
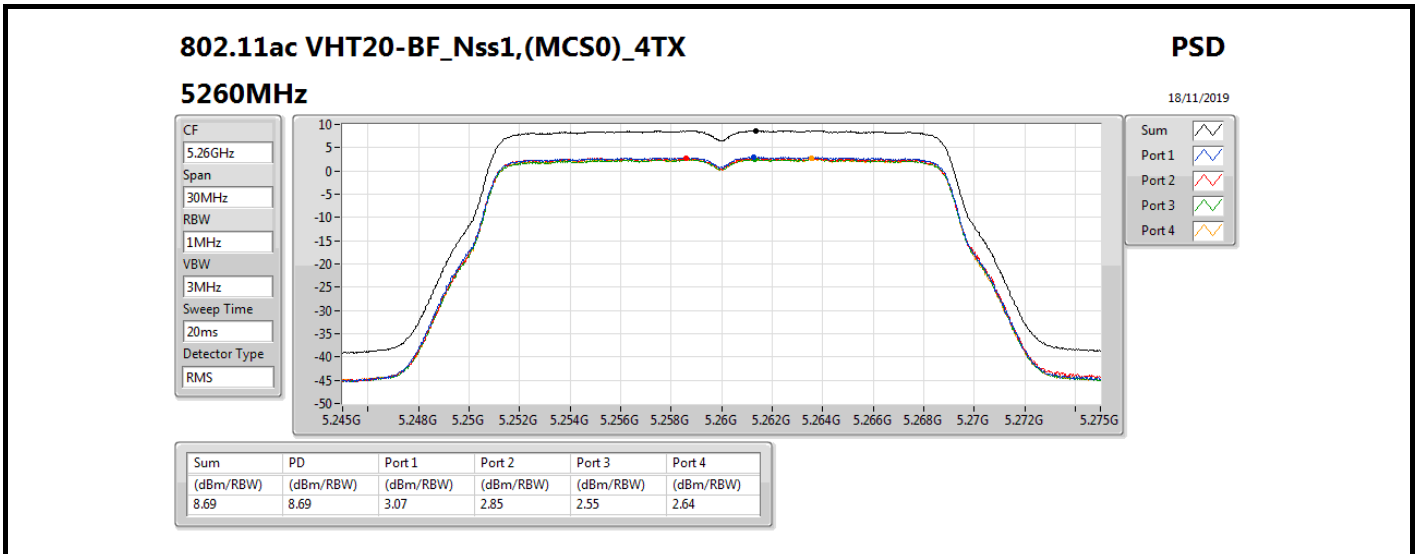
Result

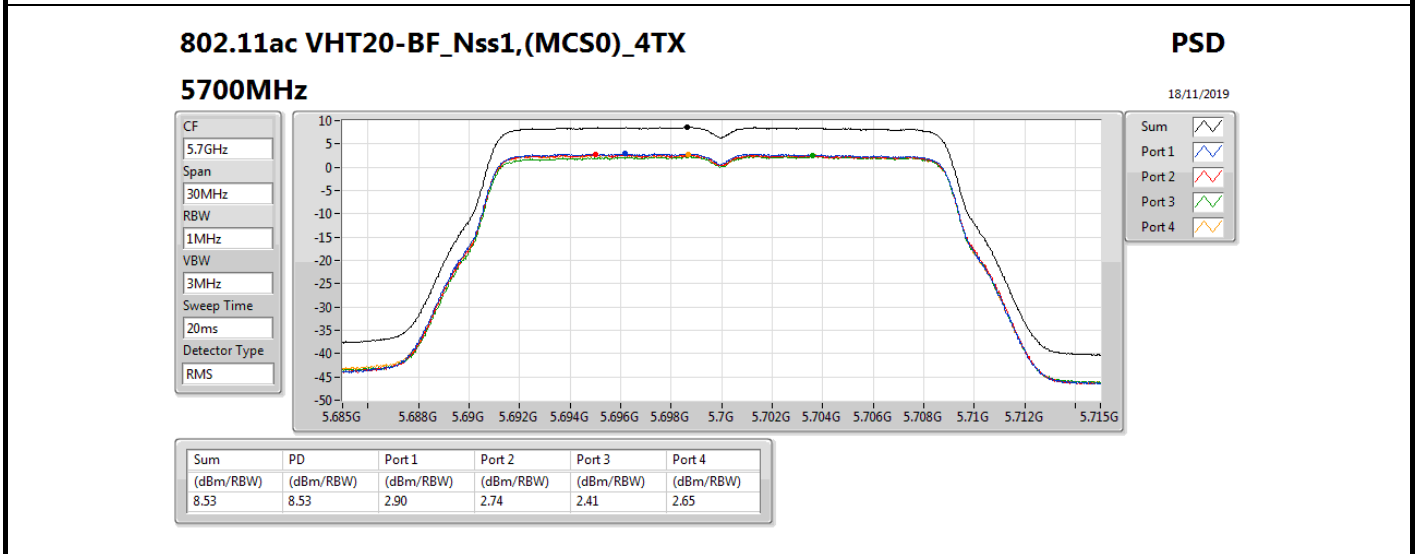
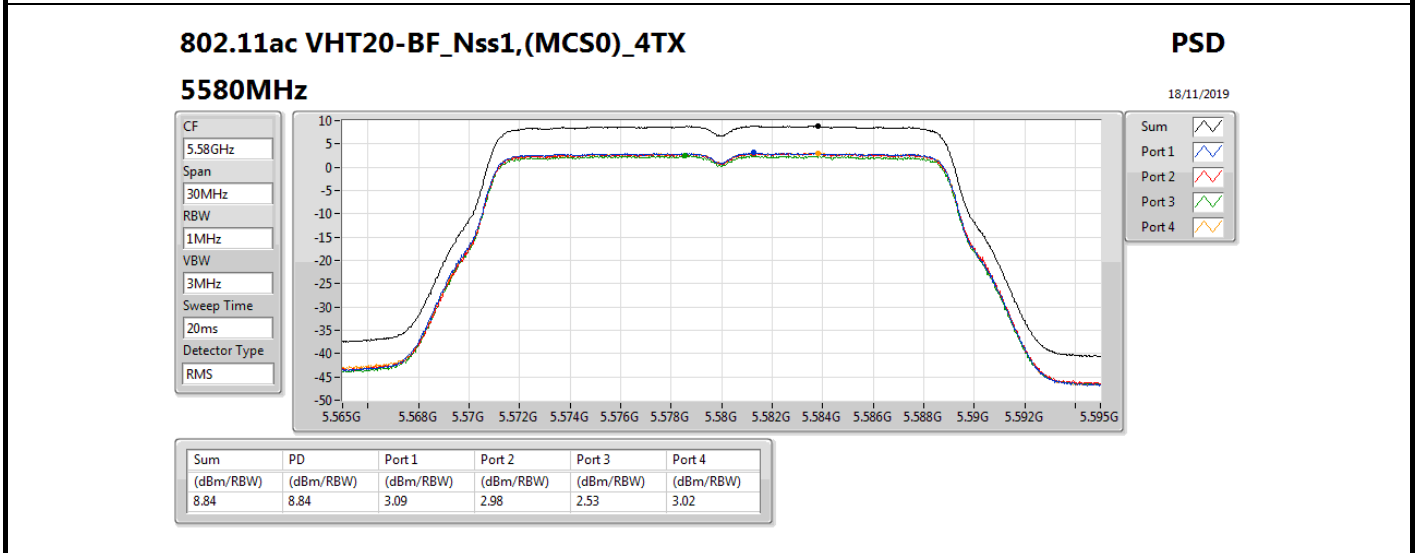
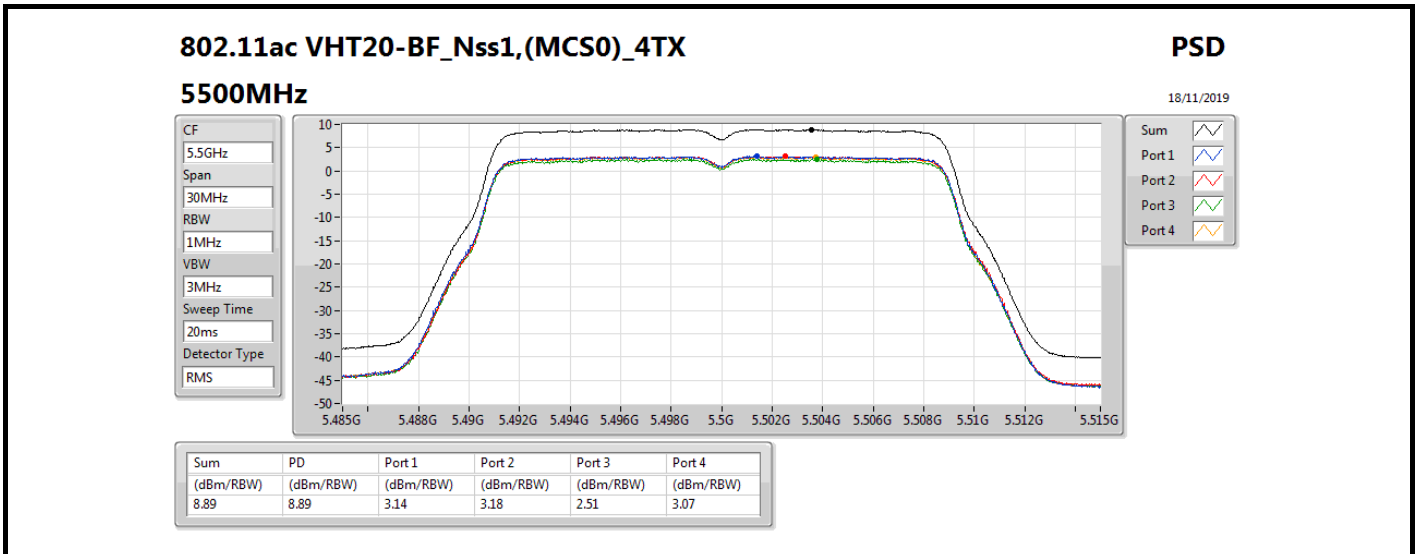
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	7.18	7.27	7.24	7.20	13.06	15.40
5200MHz	Pass	7.60	8.57	8.65	8.19	9.06	14.54	15.40
5240MHz	Pass	7.60	8.79	9.06	8.09	8.83	14.65	15.40
5260MHz	Pass	7.50	3.07	2.85	2.55	2.64	8.69	9.50
5300MHz	Pass	7.50	2.71	2.68	2.46	2.70	8.55	9.50
5320MHz	Pass	7.50	2.76	2.88	2.16	2.59	8.50	9.50
5500MHz	Pass	7.00	3.14	3.18	2.51	3.07	8.89	10.00
5580MHz	Pass	7.00	3.09	2.98	2.53	3.02	8.84	10.00
5700MHz	Pass	7.00	2.90	2.74	2.41	2.65	8.53	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.75	3.90	3.33	3.89	9.63	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.08	2.35	1.75	2.43	8.06	28.90
5745MHz	Pass	7.10	7.74	7.66	7.06	7.88	13.48	28.90
5785MHz	Pass	7.10	7.59	7.11	6.70	7.37	13.11	28.90
5825MHz	Pass	7.10	7.32	7.45	6.81	7.81	13.32	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.42	0.03	0.08	0.23	6.05	15.40
5230MHz	Pass	7.60	6.11	6.16	5.51	6.29	11.94	15.40
5270MHz	Pass	7.50	0.42	-0.10	-0.17	0.15	5.98	9.50
5310MHz	Pass	7.50	-0.04	0.05	-0.32	0.21	5.92	9.50
5510MHz	Pass	7.00	0.40	0.56	0.07	0.72	6.30	10.00
5550MHz	Pass	7.00	0.37	0.46	0.03	0.80	6.34	10.00
5670MHz	Pass	7.00	0.37	0.46	-0.16	0.34	6.21	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.12	1.24	0.64	1.11	6.84	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	-0.81	-0.44	-1.10	-0.41	5.28	28.90
5755MHz	Pass	7.10	5.06	5.12	4.39	5.08	10.85	28.90
5795MHz	Pass	7.10	4.84	4.63	4.10	4.76	10.48	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.19	-3.30	-3.68	-3.00	2.54	15.40
5290MHz	Pass	7.50	-4.11	-4.17	-4.60	-4.20	1.57	9.50
5530MHz	Pass	7.00	-3.94	-3.91	-4.11	-3.61	1.97	10.00
5610MHz	Pass	7.00	-2.36	-2.11	-2.22	-2.02	3.62	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-2.16	-2.77	-2.87	-2.37	3.34	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-4.95	-4.91	-5.26	-4.36	1.07	28.90
5775MHz	Pass	7.10	0.82	0.60	0.19	0.61	6.34	28.90

DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





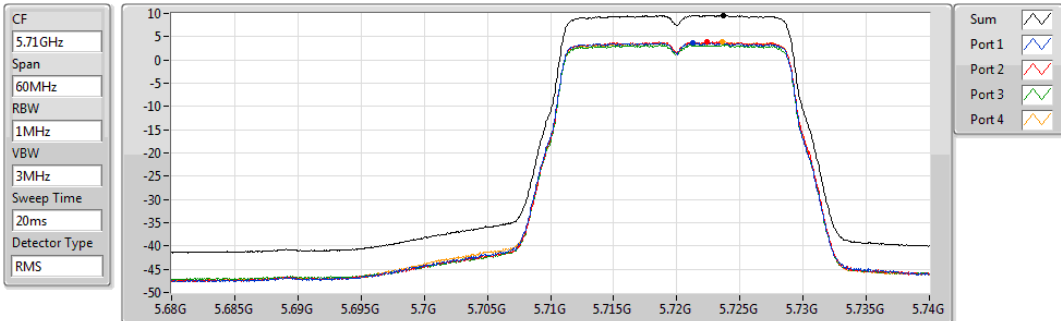


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

18/11/2019



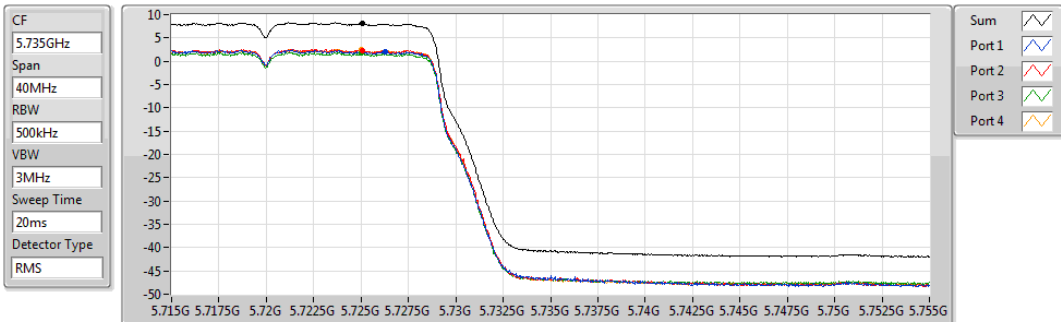
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	3.75	3.90	3.33	3.89

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

18/11/2019



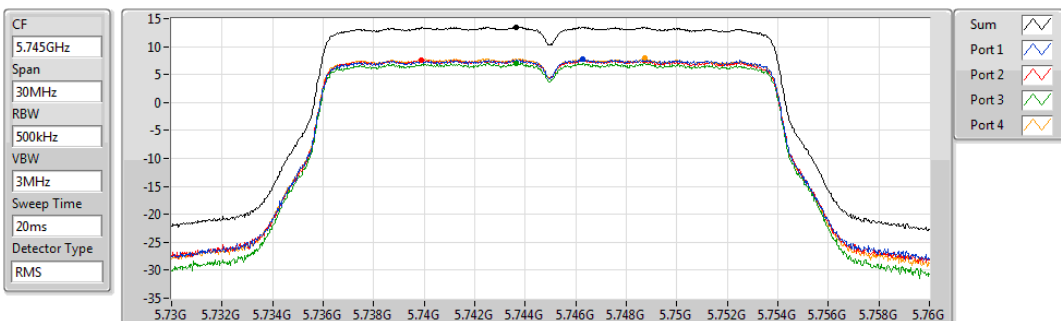
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.06	8.06	2.08	2.35	1.75	2.43

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.48	13.48	7.74	7.66	7.06	7.88

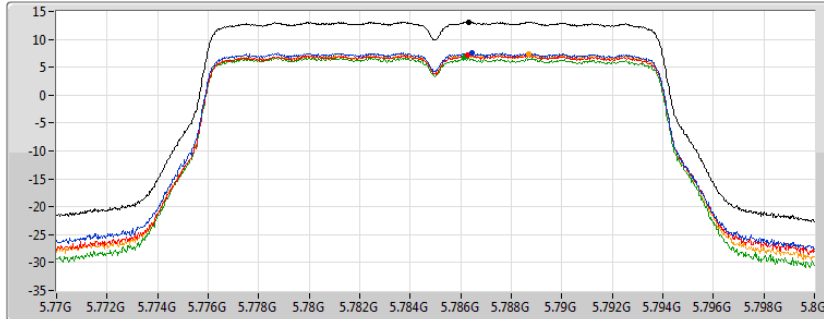
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

18/11/2019

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.11	13.11	7.59	7.11	6.70	7.37

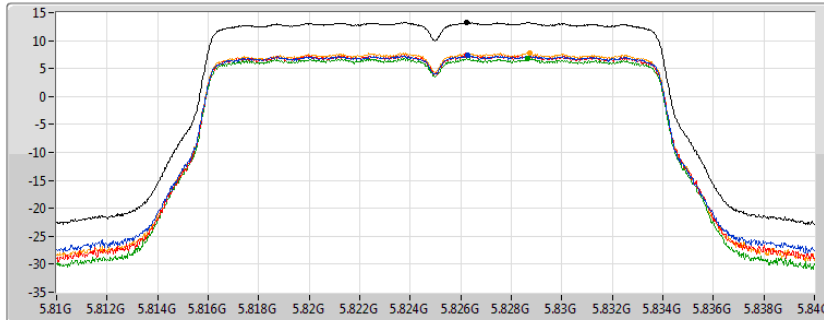
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

18/11/2019

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.32	13.32	7.32	7.45	6.81	7.81

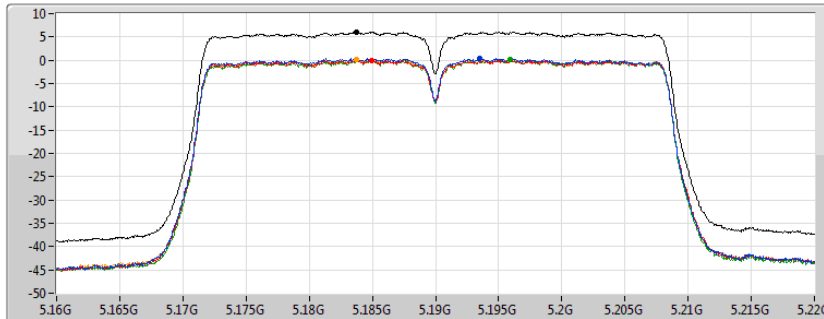
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

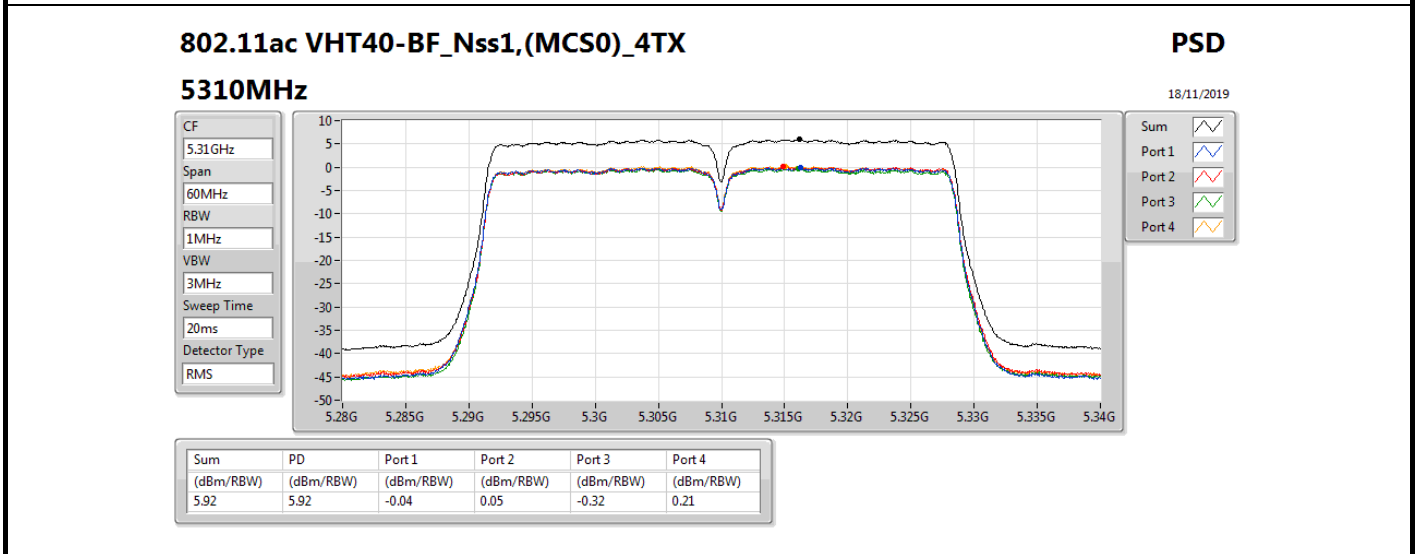
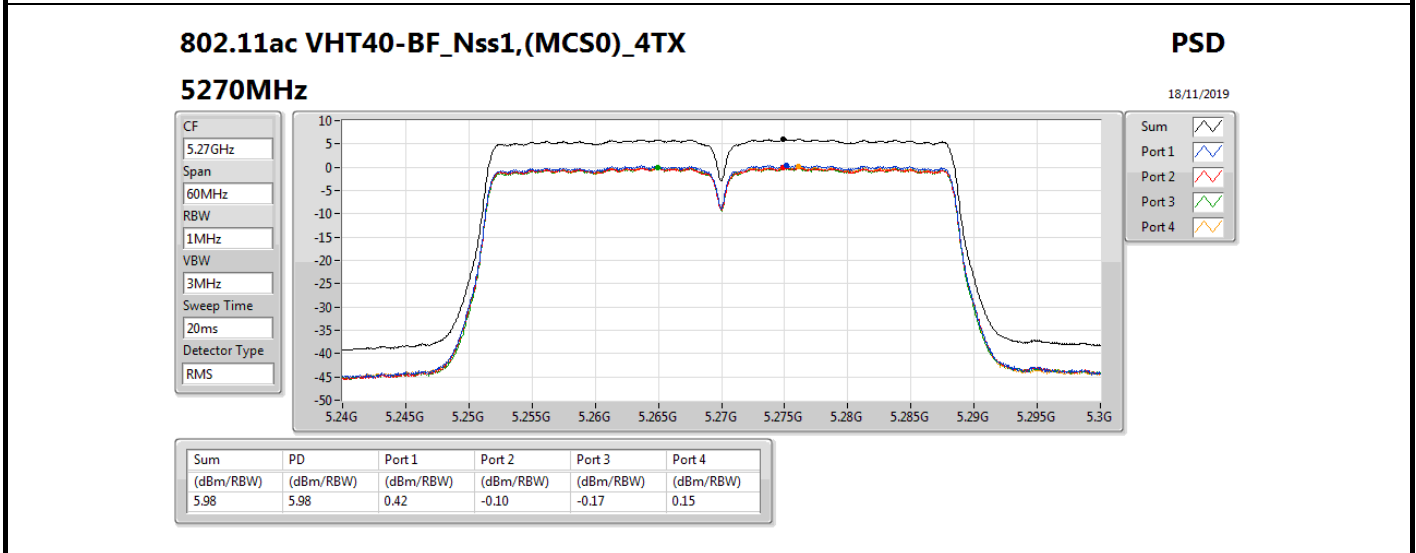
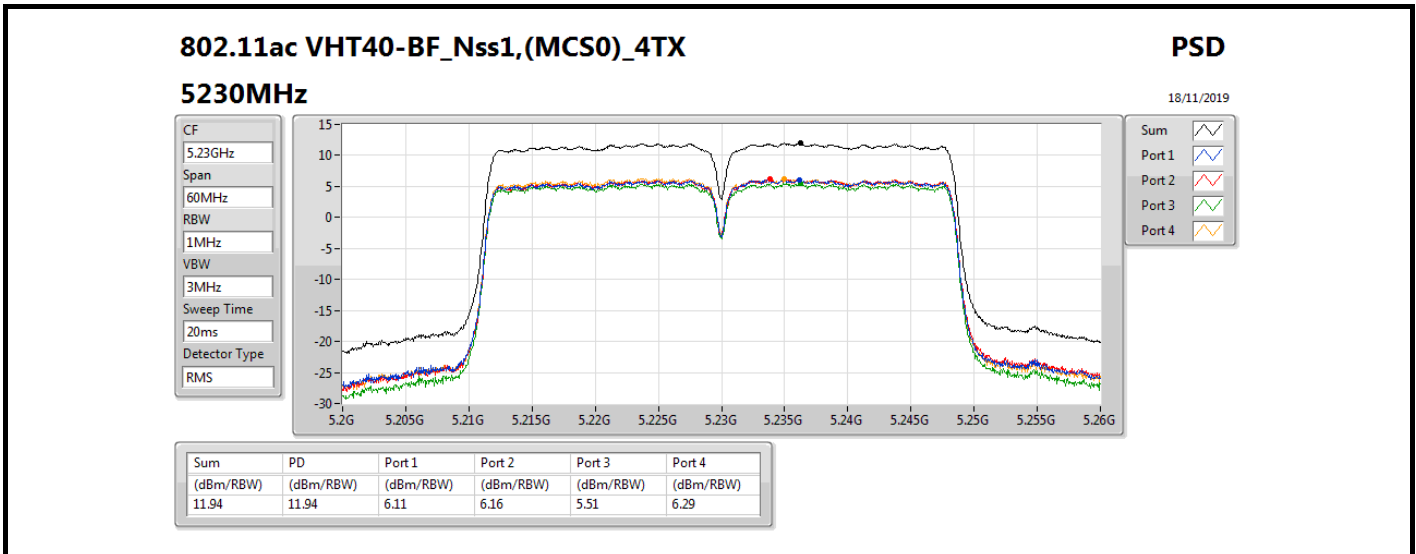
18/11/2019

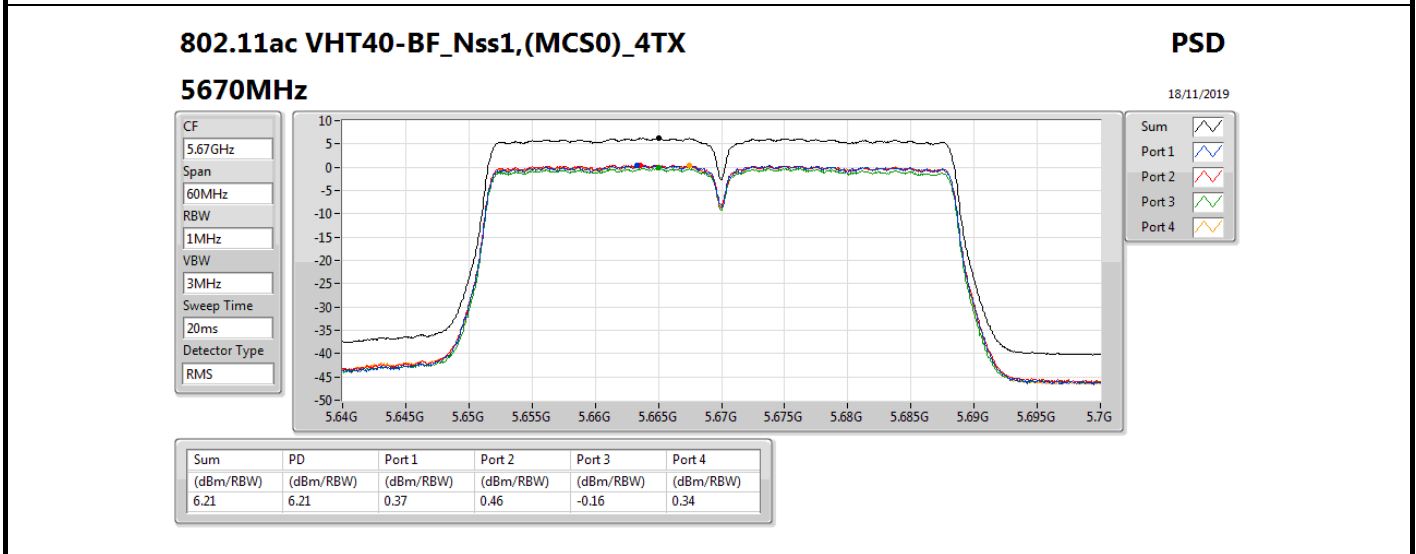
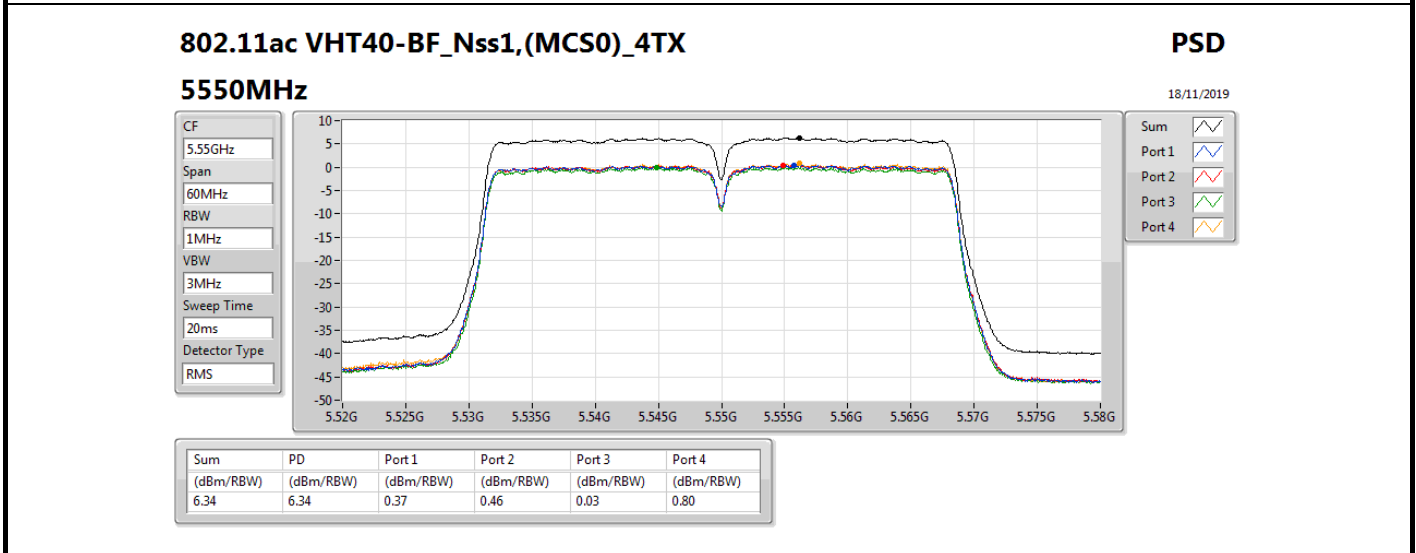
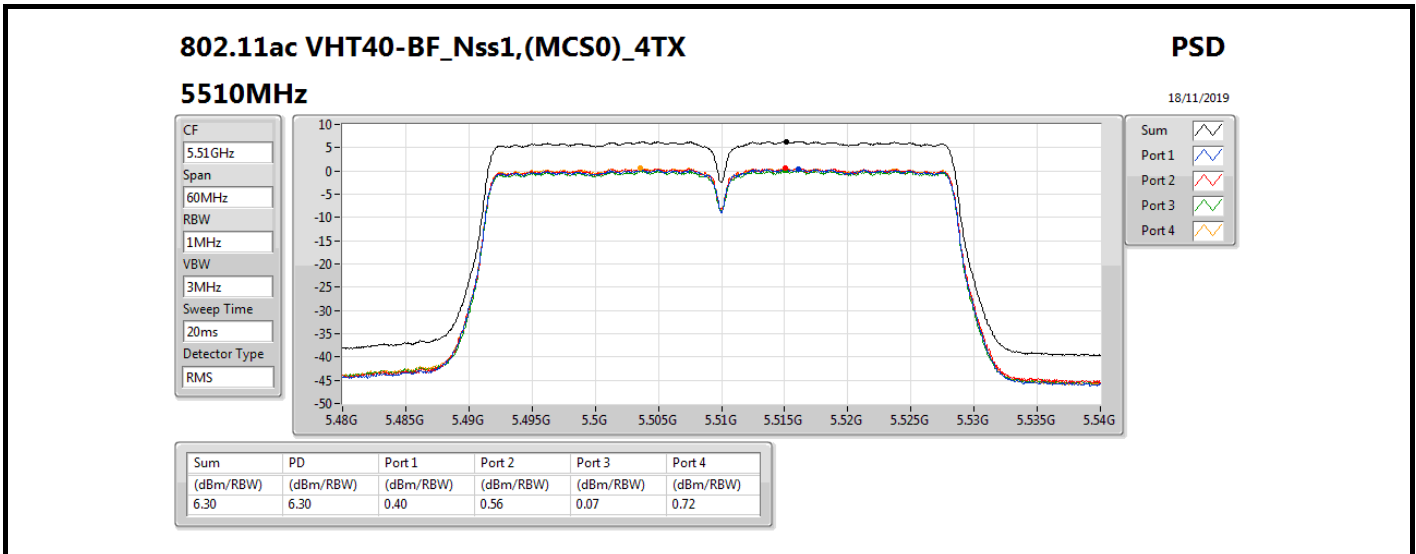
CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

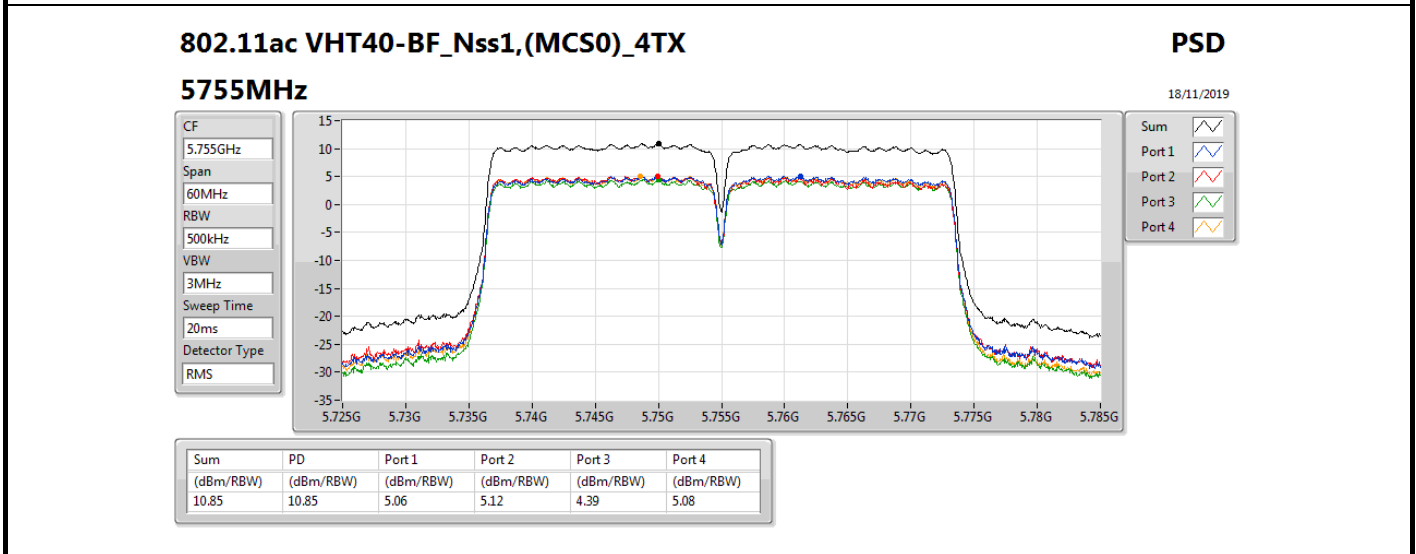
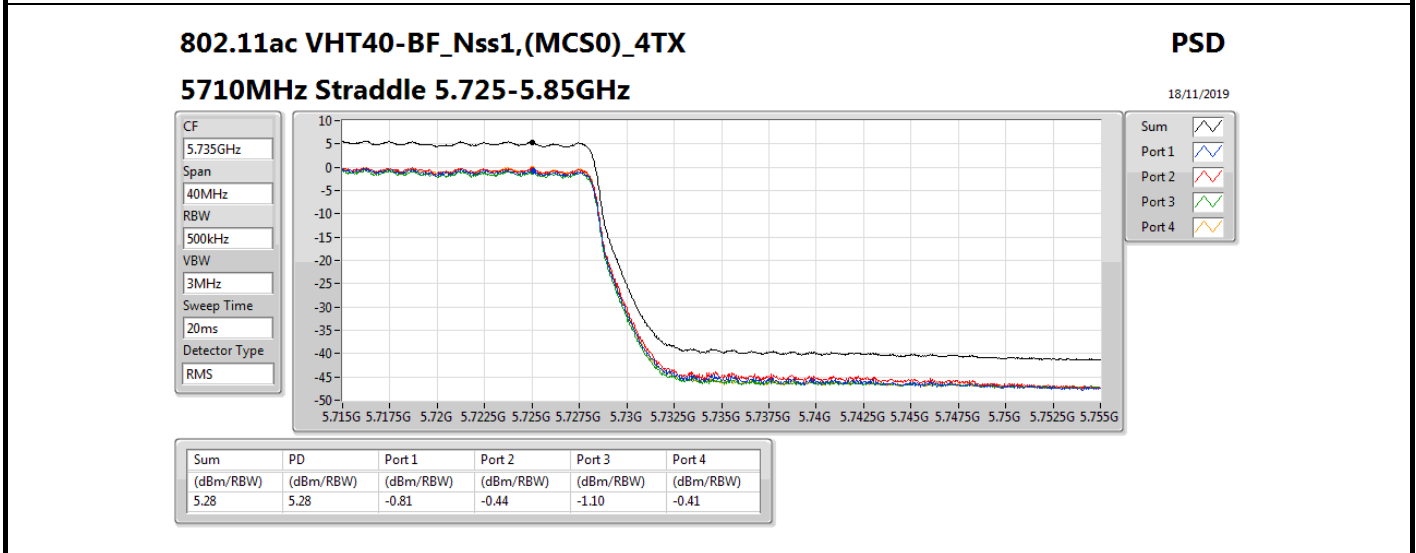
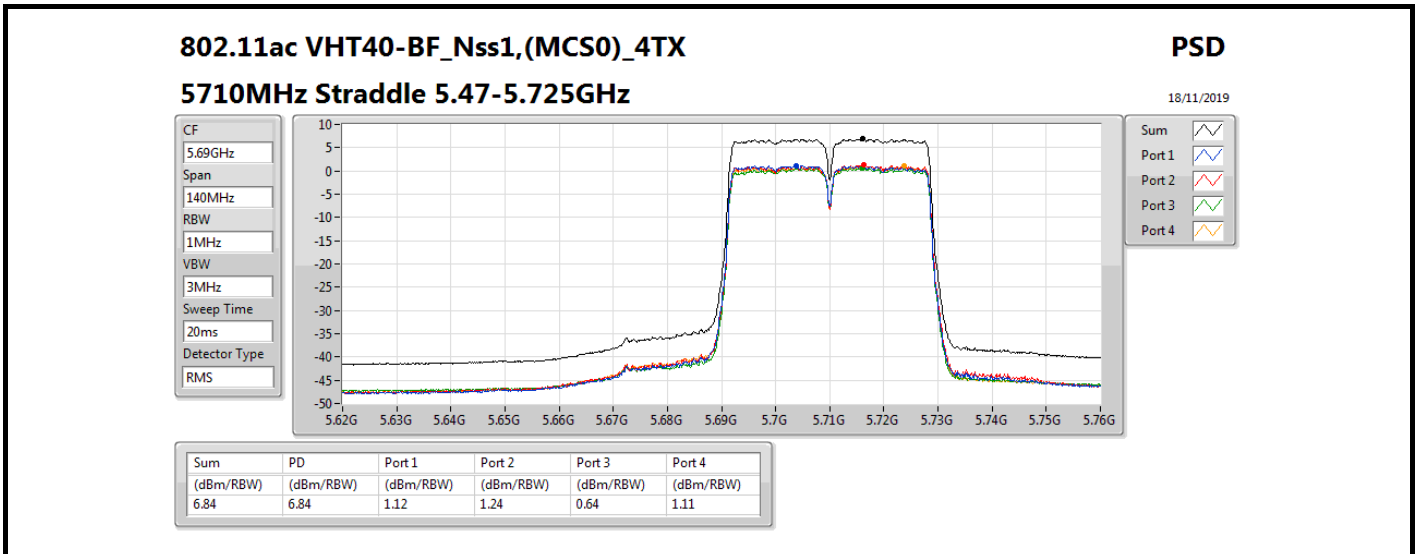


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	0.42	0.03	0.08	0.23





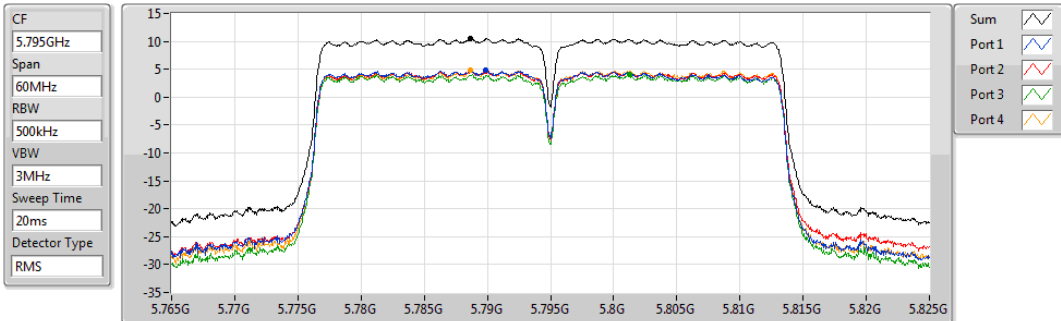


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

18/11/2019



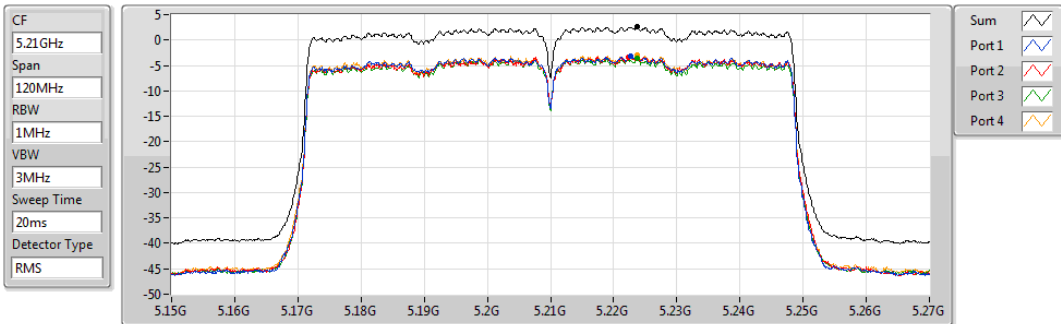
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.84	4.63	4.10	4.76

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019



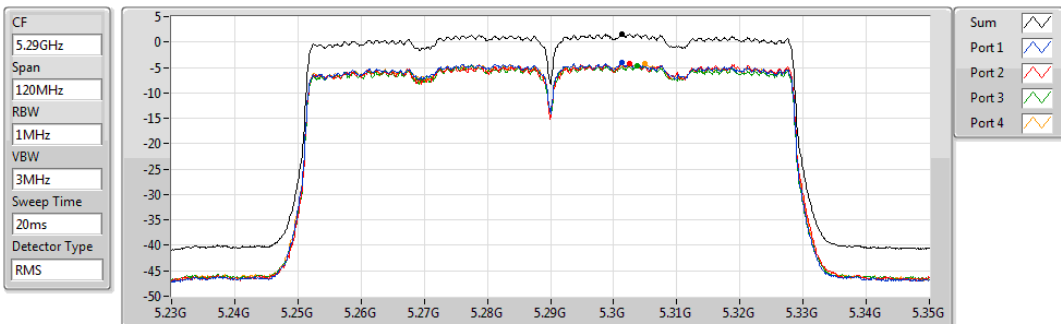
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	-3.19	-3.30	-3.68	-3.00

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

18/11/2019



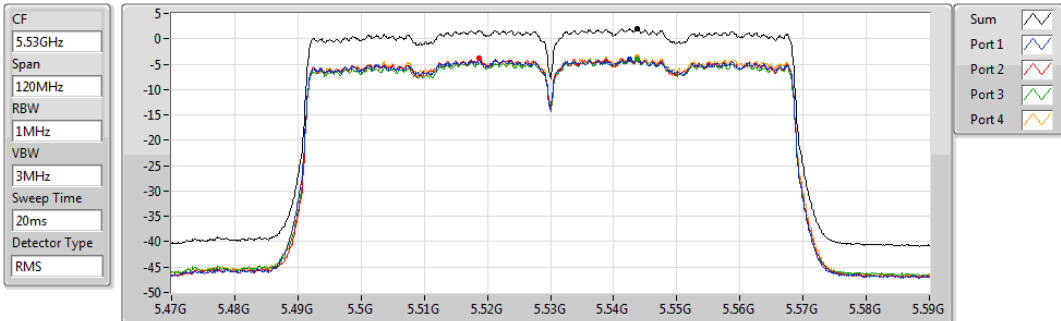
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.57	1.57	-4.11	-4.17	-4.60	-4.20

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

18/11/2019



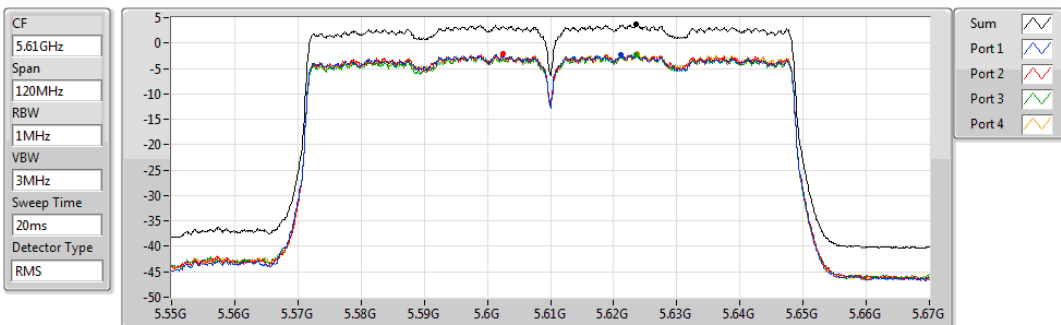
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-3.94	-3.91	-4.11	-3.61

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

18/11/2019



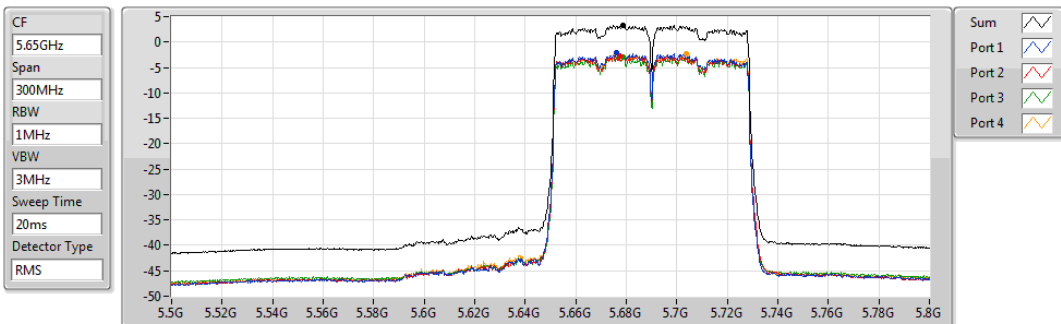
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	-2.36	-2.11	-2.22	-2.02

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/11/2019



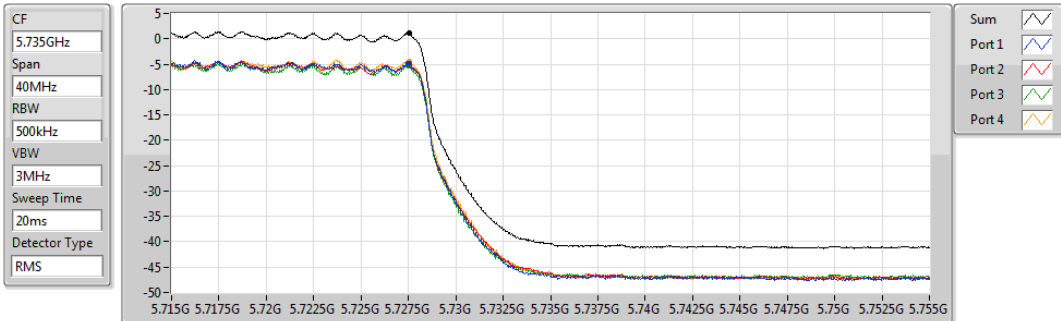
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	-2.16	-2.77	-2.87	-2.37

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/11/2019



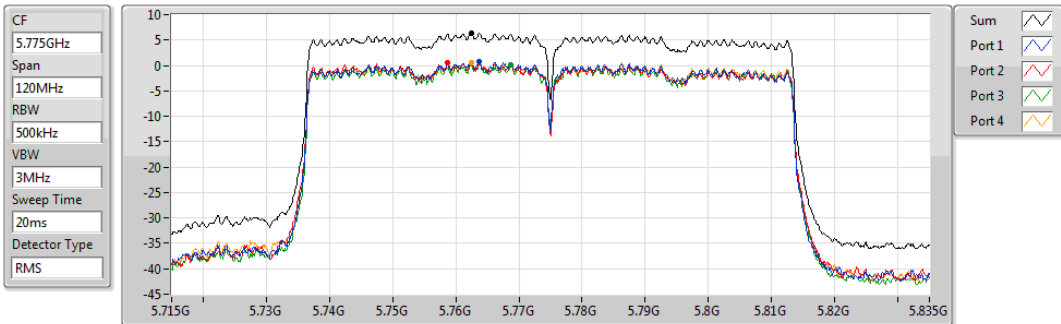
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-4.95	-4.91	-5.26	-4.36

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.34	6.34	0.82	0.60	0.19	0.61



For Client Mode Band 1:
For non-beamforming mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.28
802.11ac VHT20_Nss1,(MCS0)_4TX	9.35
802.11ac VHT40_Nss1,(MCS0)_4TX	8.05
802.11ac VHT80_Nss1,(MCS0)_4TX	2.21

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

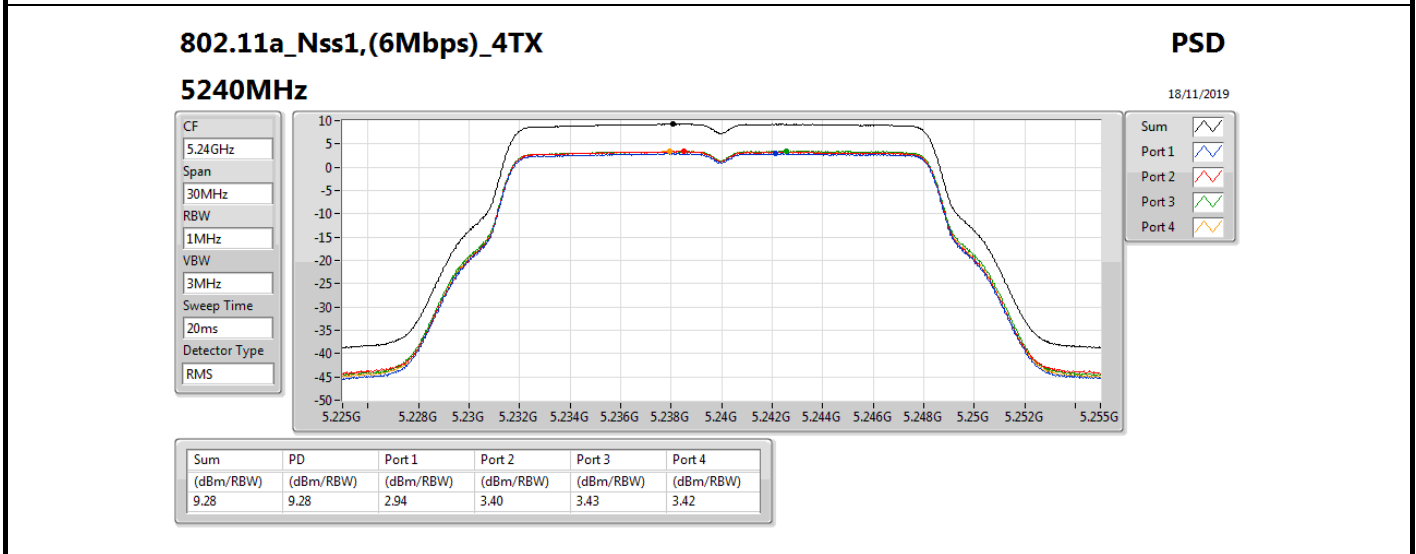
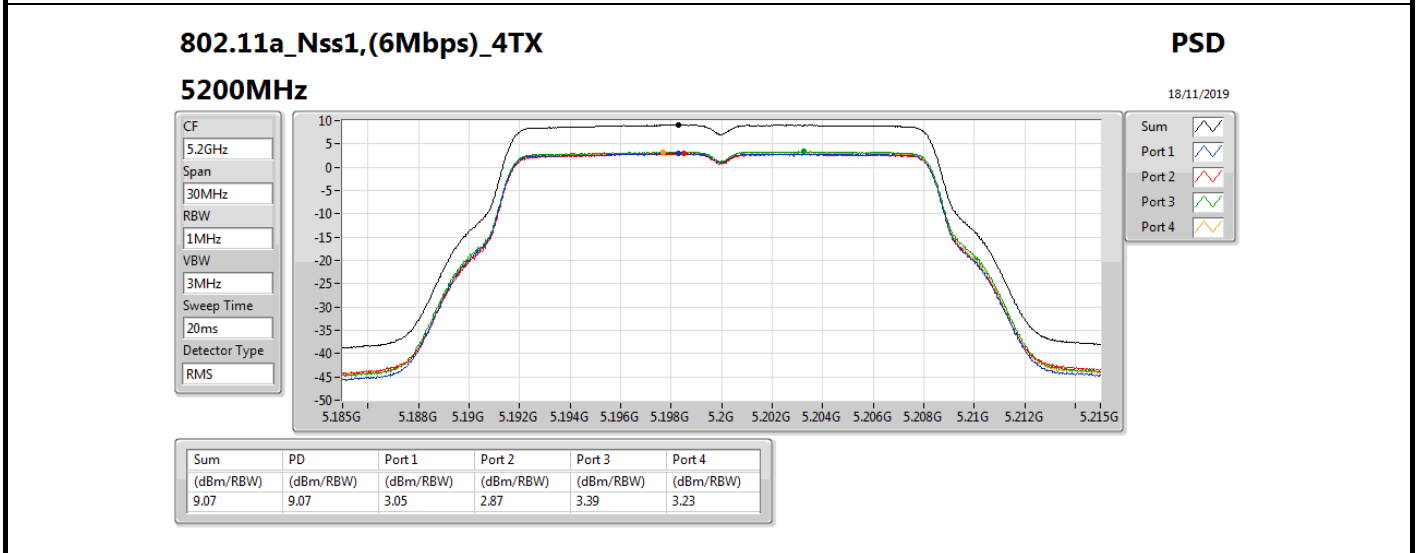
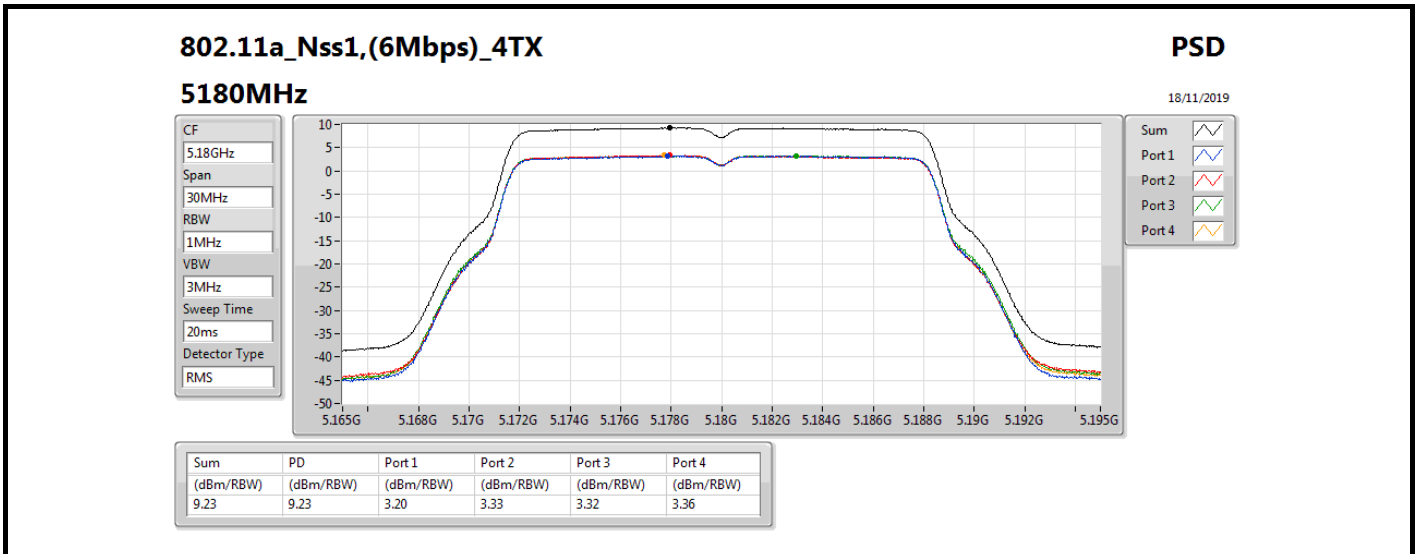


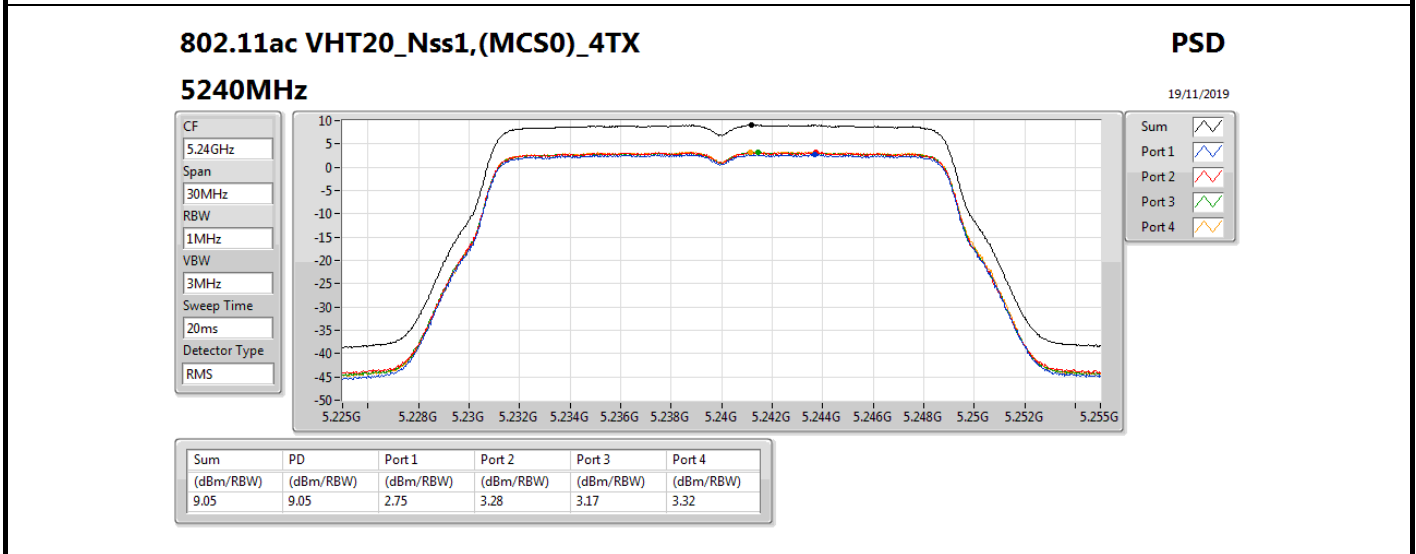
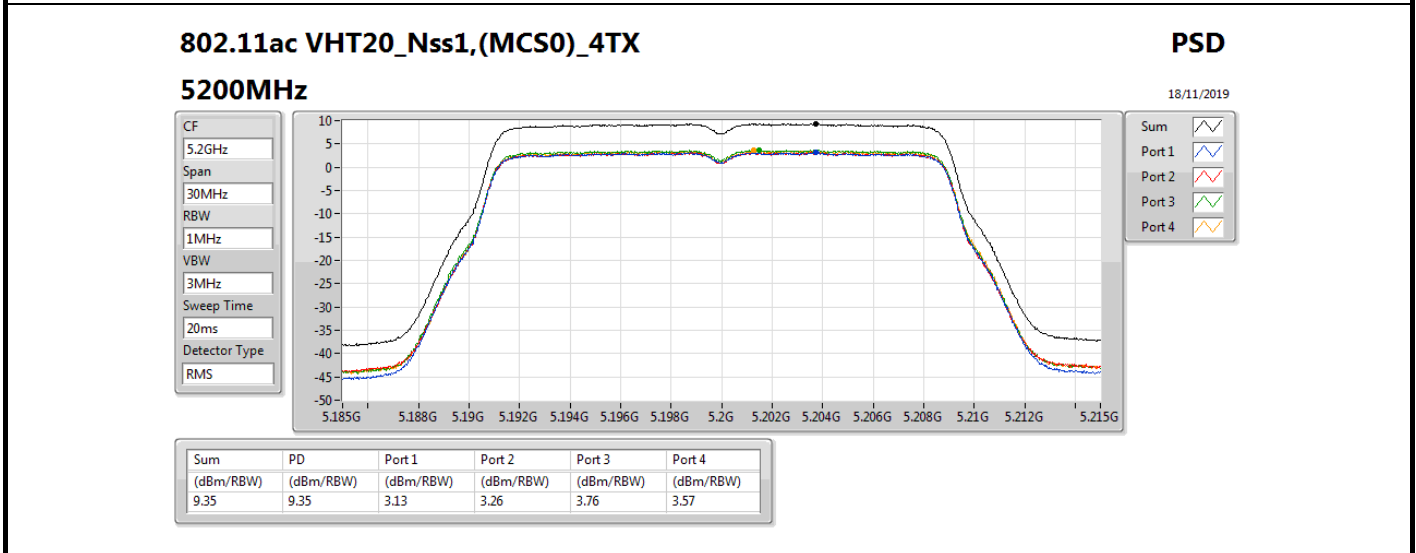
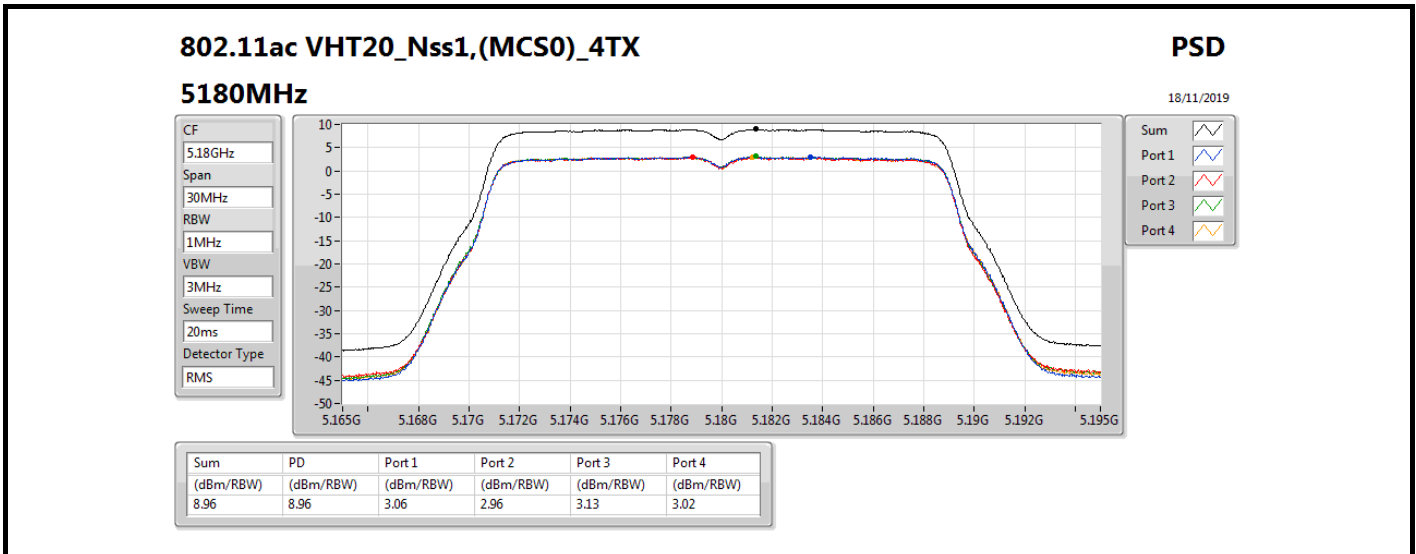
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.20	3.33	3.32	3.36	9.23	9.40
5200MHz	Pass	7.60	3.05	2.87	3.39	3.23	9.07	9.40
5240MHz	Pass	7.60	2.94	3.40	3.43	3.42	9.28	9.40
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.06	2.96	3.13	3.02	8.96	9.40
5200MHz	Pass	7.60	3.13	3.26	3.76	3.57	9.35	9.40
5240MHz	Pass	7.60	2.75	3.28	3.17	3.32	9.05	9.40
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.80	0.61	0.77	0.50	6.58	9.40
5230MHz	Pass	7.60	1.75	2.15	2.13	2.28	8.05	9.40
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.85	-3.49	-3.63	-3.77	2.21	9.40

DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;





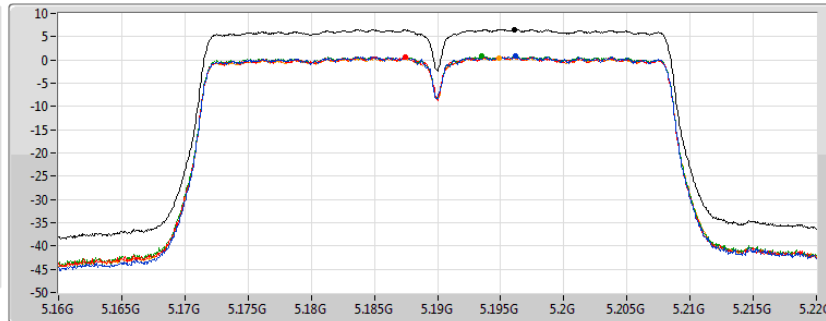
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	0.80	0.61	0.77	0.50

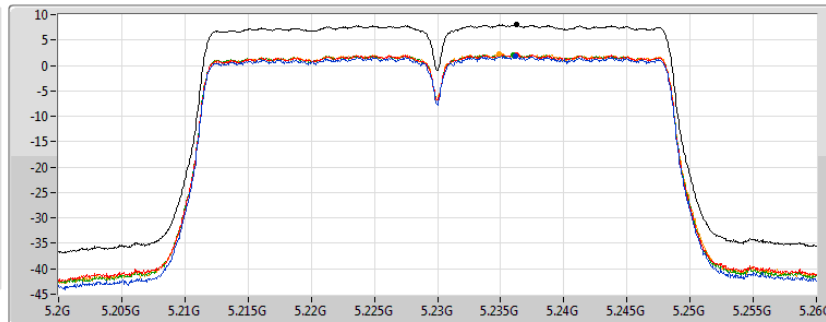
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

19/11/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	1.75	2.15	2.13	2.28

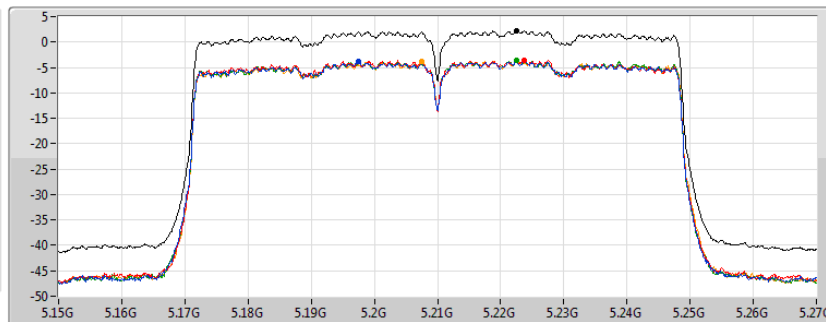
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-3.85	-3.49	-3.63	-3.77



For beamforming mode:

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.95	16.55
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.05	13.65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.54	10.14

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.28	3.04	2.75	2.95	8.95	9.40	16.55	Inf
5200MHz	Pass	7.60	2.84	2.75	2.46	2.92	8.66	9.40	16.26	Inf
5240MHz	Pass	7.60	2.96	3.13	2.33	2.72	8.70	9.40	16.30	Inf
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.42	0.03	0.08	0.23	6.05	9.40	13.65	Inf
5230MHz	Pass	7.60	0.25	0.33	-0.43	0.35	6.01	9.40	13.61	Inf
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.19	-3.30	-3.68	-3.00	2.54	9.40	10.14	Inf

DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

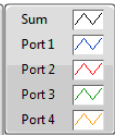
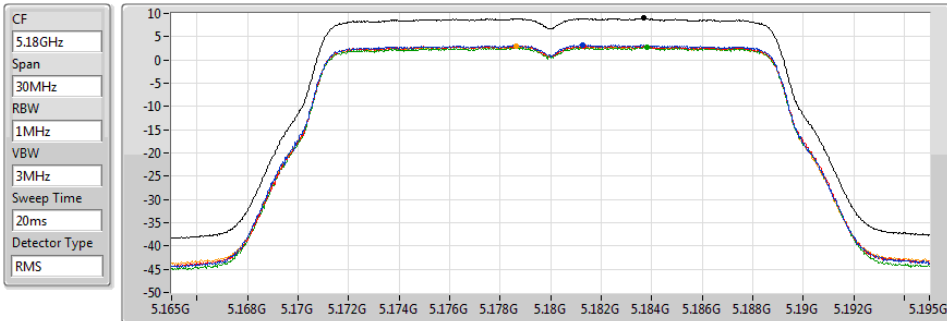
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

18/11/2019



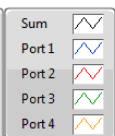
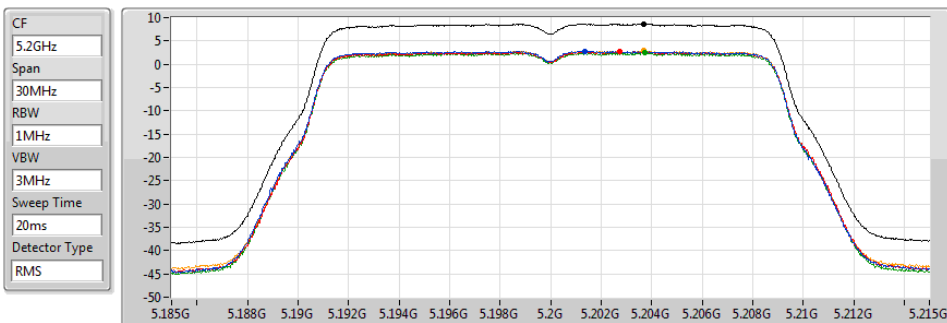
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	3.28	3.04	2.75	2.95

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

18/11/2019



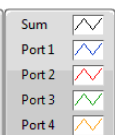
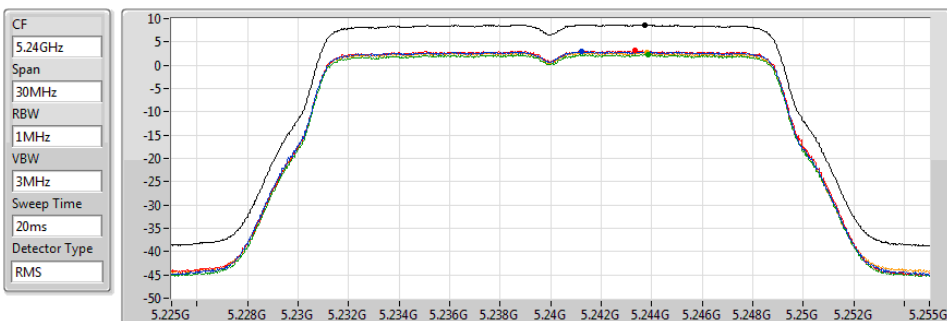
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	2.84	2.75	2.46	2.92

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	2.96	3.13	2.33	2.72

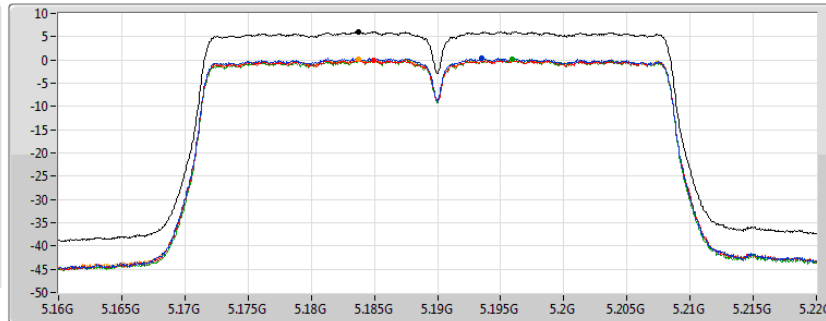
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	0.42	0.03	0.08	0.23

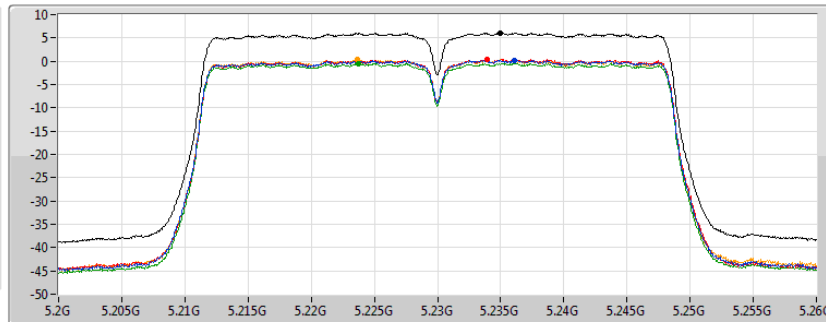
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

18/11/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	0.25	0.33	-0.43	0.35

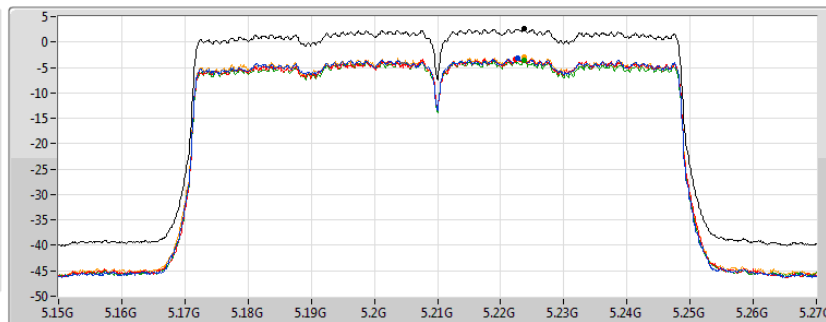
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	-3.19	-3.30	-3.68	-3.00



For Master Mode Band 1~4 and Client Mode Band 2~4:
 For non-beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.35
802.11ac VHT20_Nss1,(MCS0)_4TX	15.17
802.11ac VHT40_Nss1,(MCS0)_4TX	11.4
802.11ac VHT80_Nss1,(MCS0)_4TX	5
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.37
802.11ac VHT20_Nss1,(MCS0)_4TX	9.34
802.11ac VHT40_Nss1,(MCS0)_4TX	7.91
802.11ac VHT80_Nss1,(MCS0)_4TX	5.18
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.83
802.11ac VHT20_Nss1,(MCS0)_4TX	9.66
802.11ac VHT40_Nss1,(MCS0)_4TX	8.10
802.11ac VHT80_Nss1,(MCS0)_4TX	5.42
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.48
802.11ac VHT20_Nss1,(MCS0)_4TX	13.36
802.11ac VHT40_Nss1,(MCS0)_4TX	10.94
802.11ac VHT80_Nss1,(MCS0)_4TX	6.4

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dB)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	5.82	5.76	5.97	6.03	11.85	15.40
5200MHz	Pass	7.60	9.2	9.39	9.14	9.29	15.14	15.40
5240MHz	Pass	7.60	9.5	9.55	9.26	9.31	15.35	15.40
5260MHz	Pass	7.50	3.58	3.37	3.51	3.27	9.37	9.50
5300MHz	Pass	7.50	2.95	3.01	3.09	3.26	9.01	9.50
5320MHz	Pass	7.50	3.04	2.91	3.17	3.46	9.05	9.50
5500MHz	Pass	7.00	3.46	3.69	3.86	3.99	9.67	10.00
5580MHz	Pass	7.00	3.42	3.93	3.79	3.85	9.65	10.00
5700MHz	Pass	7.00	3.33	3.75	4.10	4.34	9.83	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.23	3.39	4.09	4.23	9.70	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.17	2.09	3.20	2.31	8.46	28.90
5745MHz	Pass	7.10	7.12	7.17	7.61	7.77	13.32	28.90
5785MHz	Pass	7.10	7.57	7.49	7.58	7.74	13.48	28.90
5825MHz	Pass	7.10	7.08	7.11	7.66	7.67	13.27	28.90
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	6.2	6.34	6.31	6.44	12.20	15.40
5200MHz	Pass	7.60	9.27	9.31	9.13	9.26	15.09	15.40
5240MHz	Pass	7.60	9.38	9.36	9.36	9.13	15.17	15.40
5260MHz	Pass	7.50	3.58	3.09	3.33	3.06	9.17	9.50
5300MHz	Pass	7.50	3.43	3.37	3.41	3.48	9.29	9.50
5320MHz	Pass	7.50	3.27	3.45	3.55	3.60	9.34	9.50
5500MHz	Pass	7.00	3.55	3.68	3.74	3.72	9.60	10.00
5580MHz	Pass	7.00	3.45	3.81	3.56	3.65	9.53	10.00
5700MHz	Pass	7.00	3.23	3.75	4.09	3.97	9.66	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.19	3.29	4.03	4.11	9.55	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	1.90	1.95	2.36	2.30	8.06	28.90
5745MHz	Pass	7.10	7.01	7.2	7.71	7.75	13.22	28.90
5785MHz	Pass	7.10	7.36	7.46	7.39	7.93	13.36	28.90
5825MHz	Pass	7.10	6.96	7.18	7.6	7.78	13.21	28.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	1.21	1.33	1.33	1.44	7.22	15.40
5230MHz	Pass	7.60	5.15	5.22	5.65	6.03	11.40	15.40
5270MHz	Pass	7.50	2.04	2.00	1.86	2.13	7.91	9.50
5310MHz	Pass	7.50	1.47	1.48	1.77	1.71	7.43	9.50
5510MHz	Pass	7.00	0.60	0.63	0.79	0.77	6.61	10.00
5550MHz	Pass	7.00	2.31	1.97	2.17	2.01	7.98	10.00
5670MHz	Pass	7.00	1.75	2.00	1.88	2.19	7.79	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.86	2.11	2.32	2.54	8.10	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	0.43	0.84	0.81	0.89	6.67	28.90
5755MHz	Pass	7.10	4.9	4.91	4.74	5.15	10.82	28.90
5795MHz	Pass	7.10	4.88	4.89	4.92	5.6	10.94	28.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-1.08	-0.8	-0.62	-0.75	5.00	15.40



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	7.50	-0.61	-0.62	-0.76	-0.53	5.18	9.50
5530MHz	Pass	7.00	-1.23	-1.40	-1.36	-0.88	4.68	10.00
5610MHz	Pass	7.00	-0.79	-0.60	0.08	-0.17	5.42	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-0.86	-0.74	-0.48	-0.13	5.28	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-2.40	-2.09	-2.07	-2.00	3.69	28.90
5775MHz	Pass	7.10	0.66	0.26	0.59	0.7	6.40	28.90

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

