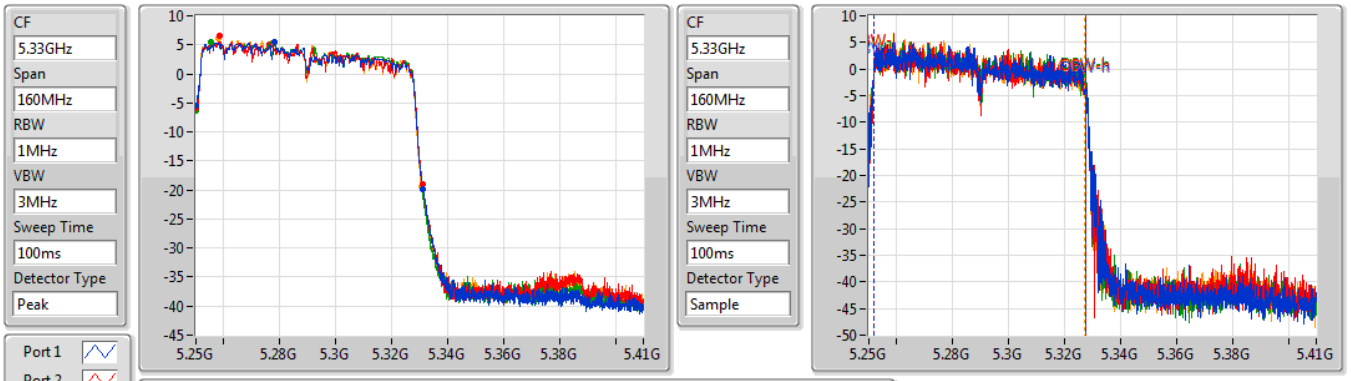
802.11ac VHT160-BF_Nss2,(MCS0)_4TX EBW

5250MHz

29/07/2019

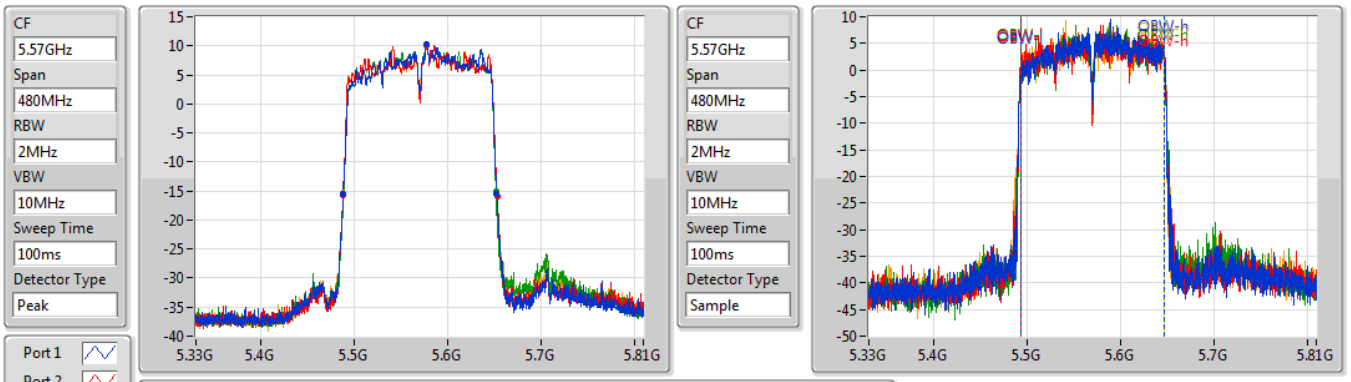


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.28M	5.25G	5.33128G	75.642M	5.251719G	5.327361G	Inf	1
81.12M	5.25G	5.33112G	75.562M	5.251879G	5.327441G	Inf	2
80.96M	5.25G	5.33096G	75.562M	5.251799G	5.327361G	Inf	3
80.72M	5.25G	5.33072G	75.482M	5.251799G	5.327281G	Inf	4

802.11ac VHT160-BF_Nss2,(MCS0)_4TX EBW

5570MHz

29/07/2019

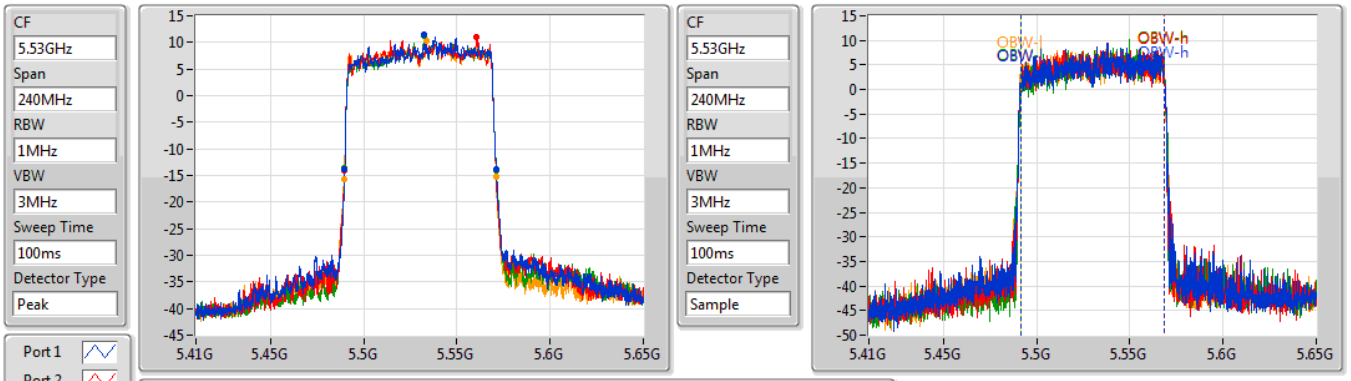


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.48816G	5.65256G	153.283M	5.493718G	5.647001G	Inf	1
165.12M	5.48792G	5.65304G	154.003M	5.493238G	5.647241G	Inf	2
163.44M	5.4884G	5.65184G	153.283M	5.493718G	5.647001G	Inf	3
164.4M	5.48816G	5.65256G	154.243M	5.492999G	5.647241G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5530MHz

29/07/2019

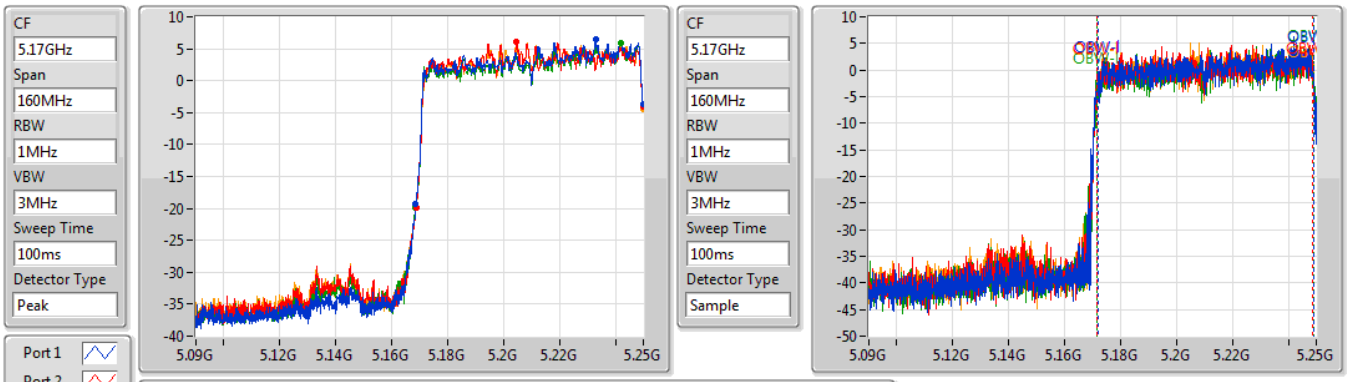


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.4898G	5.57104G	77.001M	5.491499G	5.568501G	Inf	1
81.36M	5.48956G	5.57092G	76.882M	5.491739G	5.568621G	Inf	2
81.36M	5.4898G	5.571116G	76.762M	5.491859G	5.568621G	Inf	3
81.48M	5.48944G	5.57092G	77.121M	5.491499G	5.568621G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

29/07/2019

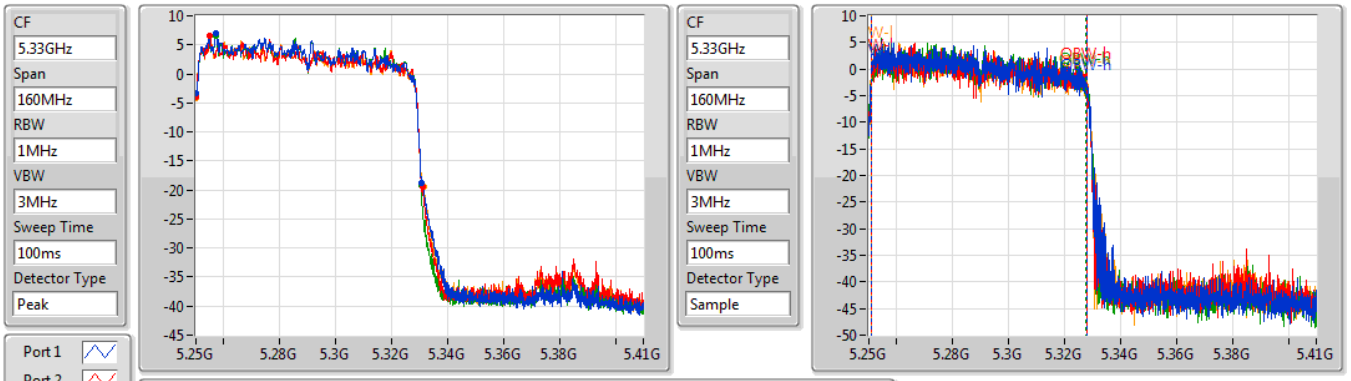


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.52M	5.16848G	5.25G	77.081M	5.171839G	5.248921G	Inf	1
81.28M	5.16872G	5.25G	77.161M	5.171679G	5.248841G	Inf	2
81.44M	5.16856G	5.25G	77.161M	5.171759G	5.248921G	Inf	3
81.2M	5.1688G	5.25G	77.241M	5.171679G	5.248921G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

5250MHz

29/07/2019

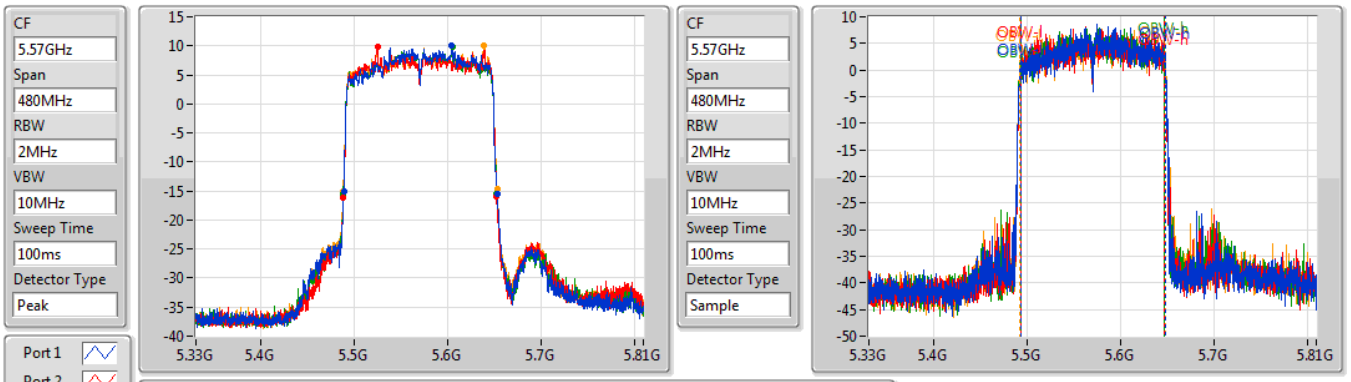


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.25G	5.33088G	76.762M	5.251079G	5.327841G	Inf	1
81.04M	5.25G	5.33104G	76.762M	5.251079G	5.327841G	Inf	2
80.56M	5.25G	5.33056G	76.682M	5.251079G	5.327761G	Inf	3
81.36M	5.25G	5.33136G	76.922M	5.251G	5.327921G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

5570MHz

29/07/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.48864G	5.65304G	154.723M	5.492999G	5.647721G	Inf	1
164.4M	5.48816G	5.65256G	154.723M	5.492759G	5.647481G	Inf	2
164.64M	5.48816G	5.6528G	154.723M	5.492759G	5.647481G	Inf	3
164.88M	5.48816G	5.65304G	155.682M	5.492279G	5.647961G	Inf	4

<non-beamforming mode> 4T3S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss3,(MCS0)_4TX	81.36M	75.962M	76M0D1D	80.48M	75.642M
802.11ax HEW160_Nss3,(MCS0)_4TX	81.84M	77.241M	77M2D1D	80.8M	76.922M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT160_Nss3,(MCS0)_4TX	81.6M	75.802M	75M8D1D	80.48M	75.562M
802.11ax HEW160_Nss3,(MCS0)_4TX	81.68M	76.842M	76M8D1D	80.64M	76.682M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT80_Nss3,(MCS0)_4TX	81.36M	75.802M	75M8D1D	80.64M	75.562M
802.11ac VHT160_Nss3,(MCS0)_4TX	166.08M	154.483M	154MD1D	162.96M	153.523M
802.11ax HEW80_Nss3,(MCS0)_4TX	81.84M	76.882M	76M9D1D	81.12M	76.522M
802.11ax HEW160_Nss3,(MCS0)_4TX	165.6M	155.442M	155MD1D	163.68M	154.243M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

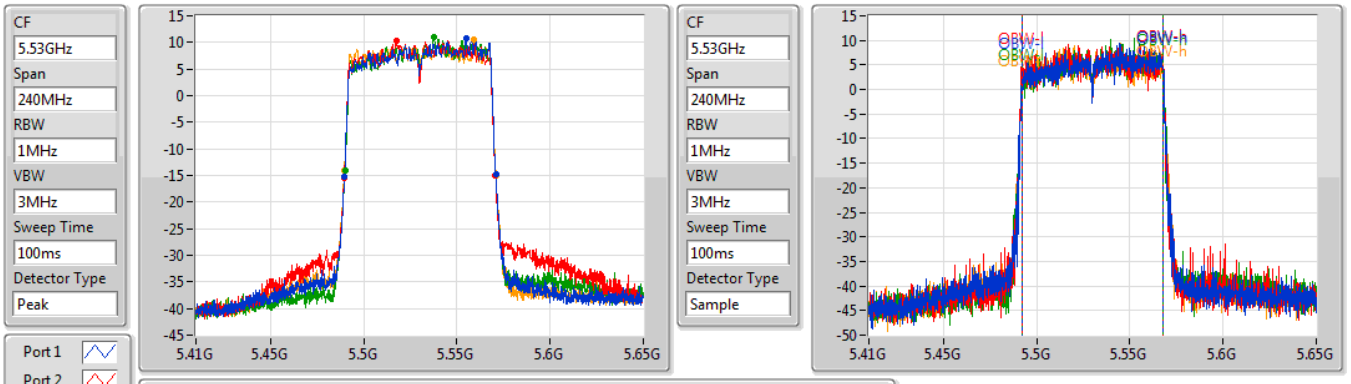
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	81.12M	75.562M	81.12M	75.802M	80.64M	75.682M	81.36M	75.802M
802.11ac VHT160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	75.802M	81.36M	75.962M	80.48M	75.642M	80.88M	75.802M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.88M	75.642M	80.48M	75.562M	80.56M	75.642M	81.6M	75.802M
5570MHz	Pass	Inf	163.68M	153.763M	163.92M	154.003M	162.96M	153.523M	166.08M	154.483M
802.11ax HEW80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	81.48M	76.762M	81.84M	76.882M	81.12M	76.522M	81.36M	76.642M
802.11ax HEW160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	76.922M	81.12M	77.241M	80.8M	77.001M	81.84M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.72M	76.842M	80.64M	76.842M	81.68M	76.682M	80.96M	76.762M
5570MHz	Pass	Inf	163.68M	154.243M	163.92M	154.963M	164.88M	154.243M	165.6M	155.442M

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 VHT80_Nss3,(MCS0)_4TX EBW

5530MHz

31/07/2019

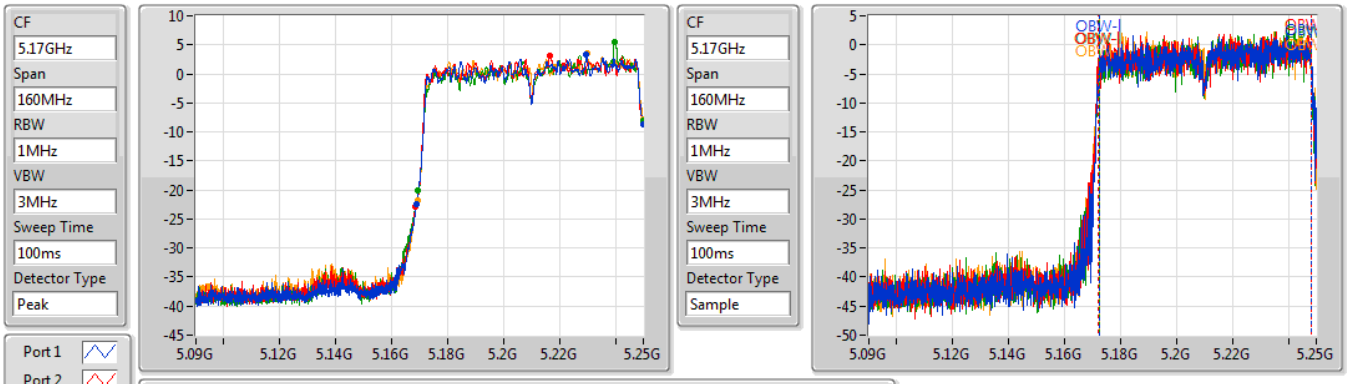


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.48968G	5.5708G	75.562M	5.492459G	5.568021G	Inf	1
81.12M	5.48956G	5.57068G	75.802M	5.492099G	5.567901G	Inf	2
80.64M	5.49004G	5.57068G	75.682M	5.492339G	5.568021G	Inf	3
81.36M	5.48956G	5.57092G	75.802M	5.492219G	5.568021G	Inf	4

802.11ac VHT160_Nss3,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

31/07/2019



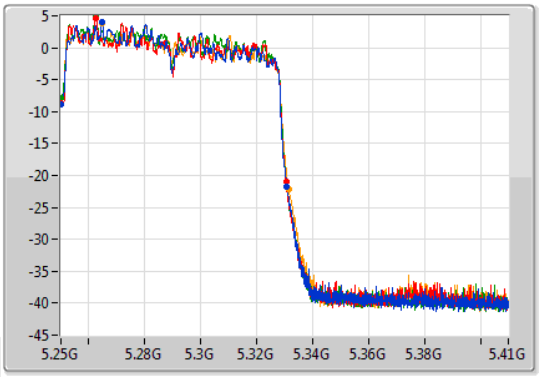
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.28M	5.16872G	5.25G	75.802M	5.172399G	5.248201G	Inf	1
81.36M	5.16864G	5.25G	75.962M	5.172159G	5.248121G	Inf	2
80.48M	5.16952G	5.25G	75.642M	5.172399G	5.248041G	Inf	3
80.88M	5.16912G	5.25G	75.802M	5.172319G	5.248121G	Inf	4

802.11ac VHT160_Nss3,(MCS0)_4TX EBW

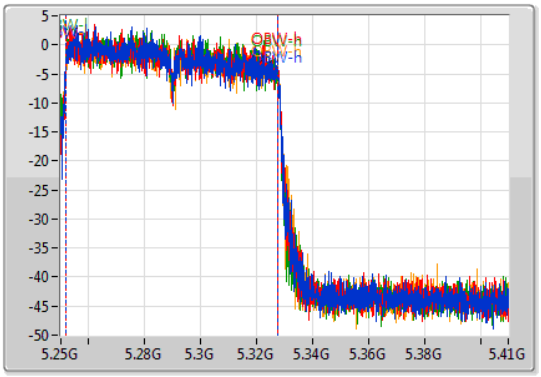
5250MHz Straddle 5.25-5.35GHz

31/07/2019

CF	5.33GHz
Span	160MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.33GHz
Span	160MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

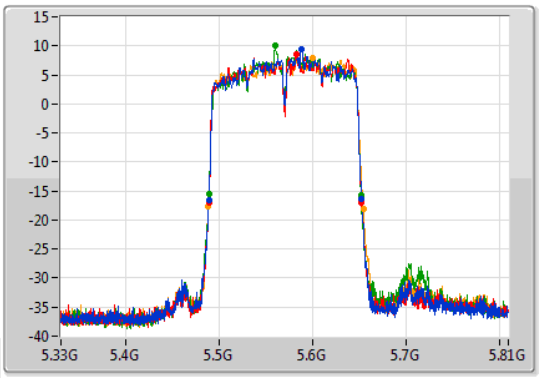
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.25G	5.33088G	75.642M	5.251879G	5.327521G	Inf	1
80.48M	5.25G	5.33048G	75.562M	5.251959G	5.327521G	Inf	2
80.56M	5.25G	5.33056G	75.642M	5.251879G	5.327521G	Inf	3
81.6M	5.25G	5.3316G	75.802M	5.251719G	5.327521G	Inf	4

802.11ac VHT160_Nss3,(MCS0)_4TX EBW

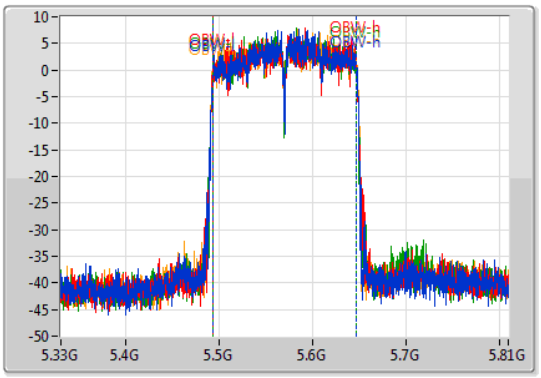
5570MHz

31/07/2019

CF	5.57GHz
Span	480MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.57GHz
Span	480MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



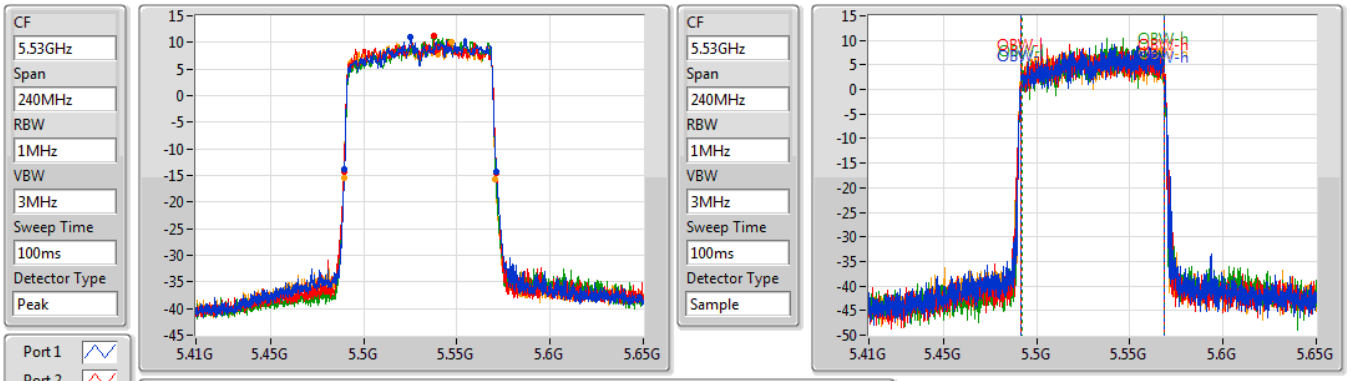
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.48864G	5.65232G	153.763M	5.493478G	5.647241G	Inf	1
163.92M	5.48864G	5.65256G	154.003M	5.493238G	5.647241G	Inf	2
162.96M	5.48888G	5.65184G	153.523M	5.493718G	5.647241G	Inf	3
166.08M	5.48816G	5.65424G	154.483M	5.492999G	5.647481G	Inf	4

802.11ax HEW80_Nss3,(MCS0)_4TX EBW

5530MHz

31/07/2019

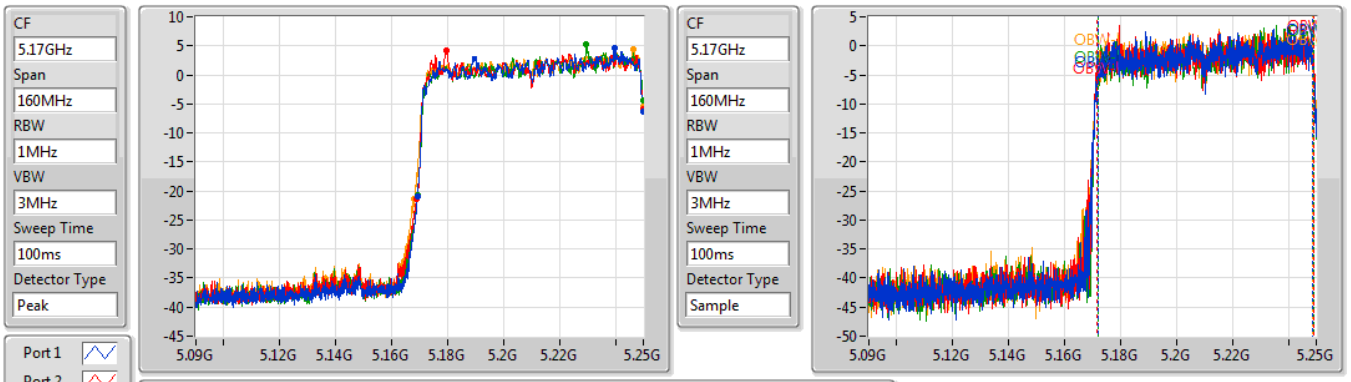


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.48968G	5.57116G	76.762M	5.491739G	5.568501G	Inf	1
81.84M	5.48932G	5.57116G	76.882M	5.491619G	5.568501G	Inf	2
81.12M	5.48968G	5.5708G	76.522M	5.491979G	5.568501G	Inf	3
81.36M	5.48932G	5.57068G	76.642M	5.491619G	5.568261G	Inf	4

802.11ax HEW160_Nss3,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

31/07/2019

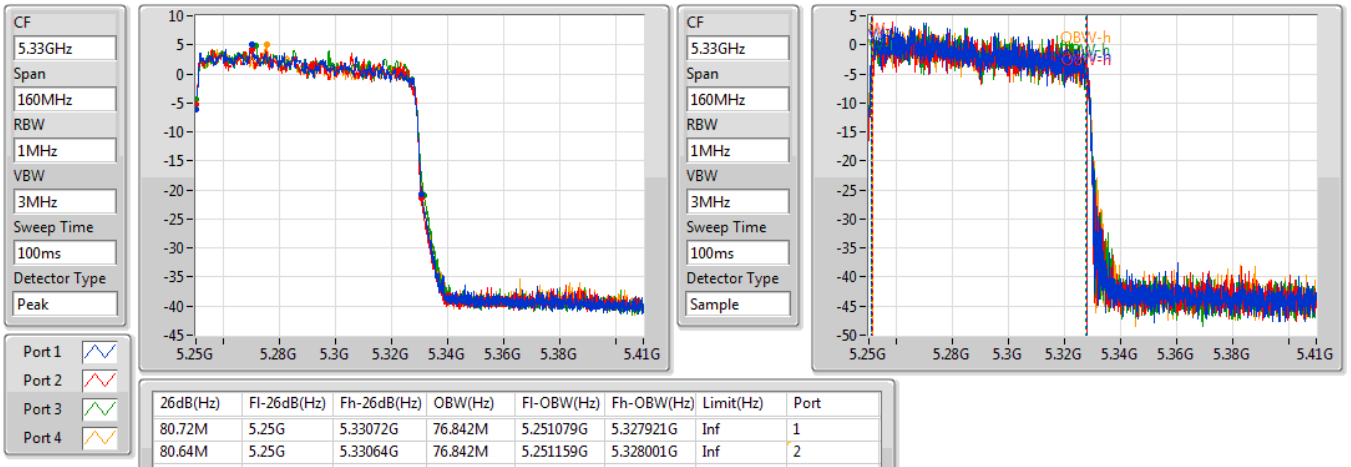


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1692G	5.25G	76.922M	5.171919G	5.248841G	Inf	1
81.12M	5.16888G	5.25G	77.241M	5.171679G	5.248921G	Inf	2
80.8M	5.1692G	5.25G	77.001M	5.171919G	5.248921G	Inf	3
81.84M	5.16816G	5.25G	77.001M	5.171839G	5.248841G	Inf	4

802.11ax HEW160_Nss3,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

31/07/2019

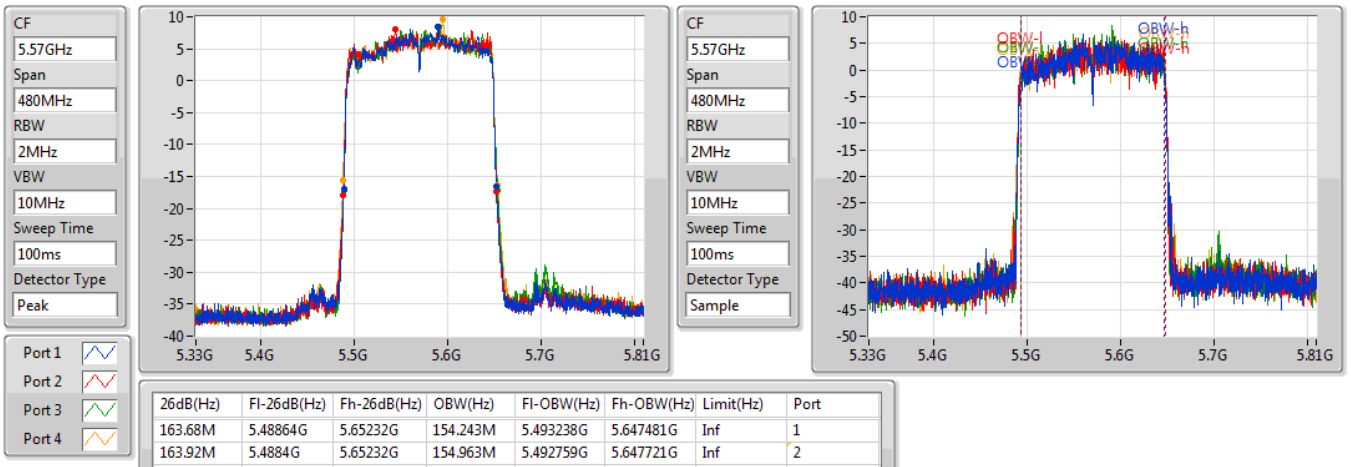


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.72M	5.25G	5.33072G	76.842M	5.251079G	5.327921G	Inf	1
80.64M	5.25G	5.33064G	76.842M	5.251159G	5.328001G	Inf	2
81.68M	5.25G	5.33168G	76.682M	5.251079G	5.327761G	Inf	3
80.96M	5.25G	5.33096G	76.762M	5.251159G	5.327921G	Inf	4

802.11ax HEW160_Nss3,(MCS0)_4TX EBW

5570MHz

31/07/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.48864G	5.65232G	154.243M	5.493238G	5.647481G	Inf	1
163.92M	5.4884G	5.65232G	154.963M	5.492759G	5.647721G	Inf	2
164.88M	5.48864G	5.65352G	154.243M	5.492759G	5.647001G	Inf	3
165.6M	5.48792G	5.65352G	155.442M	5.492519G	5.647961G	Inf	4

<beamforming mode> 4T3S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	81.28M	75.802M	75M8D1D	80.48M	75.642M
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	81.84M	77.001M	77M0D1D	80.8M	76.842M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	81.52M	75.722M	75M7D1D	80.4M	75.562M
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	82M	76.922M	76M9D1D	80.4M	76.682M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT80-BF_Nss3,(MCS0)_4TX	81.36M	75.682M	75M7D1D	80.76M	75.442M
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	165.84M	154.723M	155MD1D	162.96M	153.043M
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	82.08M	76.882M	76M9D1D	81M	76.402M
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	165.12M	154.963M	155MD1D	163.68M	153.763M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

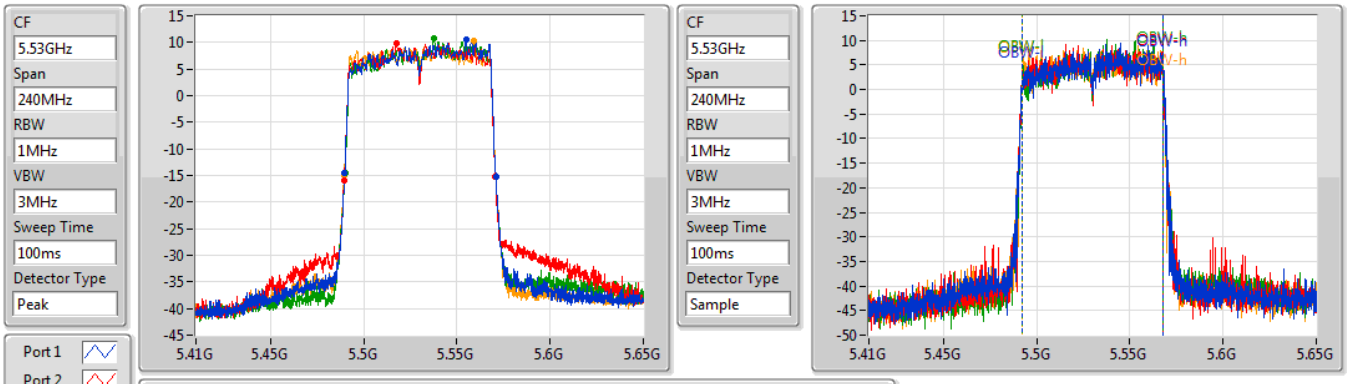
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	81.12M	75.682M	81.12M	75.682M	80.76M	75.442M	81.36M	75.562M
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	75.802M	81.12M	75.642M	80.48M	75.642M	81.04M	75.802M
5250MHz	Pass	Inf	80.88M	75.642M	80.4M	75.562M	80.48M	75.642M	81.52M	75.722M
5570MHz	Pass	Inf	163.68M	153.763M	163.92M	154.723M	162.96M	153.043M	165.84M	154.243M
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	81.84M	76.762M	82.08M	76.882M	81M	76.402M	81.36M	76.882M
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	76.842M	81.12M	77.001M	80.8M	76.922M	81.84M	77.001M
5250MHz	Pass	Inf	80.72M	76.682M	81.36M	76.922M	82M	76.922M	80.4M	76.682M
5570MHz	Pass	Inf	163.68M	154.243M	163.92M	154.963M	164.4M	153.763M	165.12M	154.963M

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 VHT80-BF_Nss3,(MCS0)_4TX EBW

5530MHz

29/07/2019

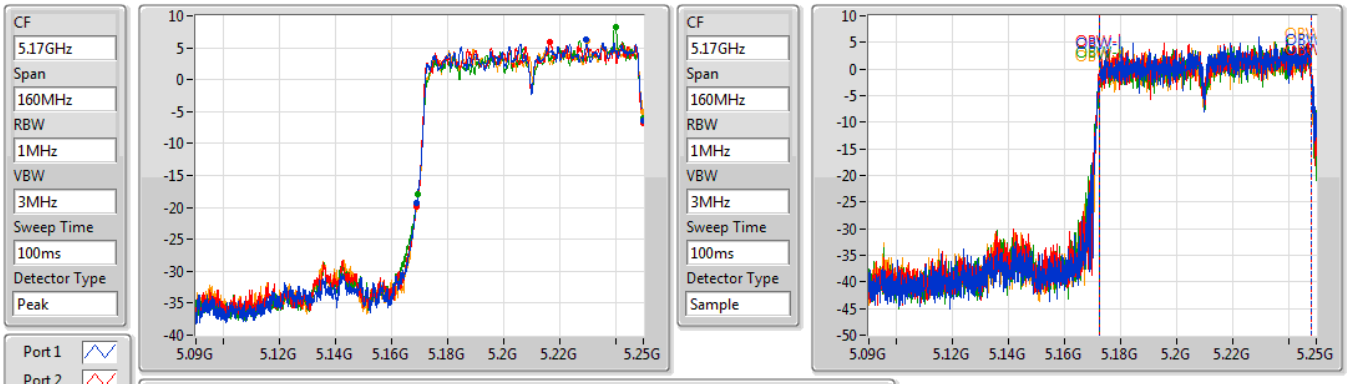


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.4898G	5.57092G	75.682M	5.492339G	5.568021G	Inf	1
81.12M	5.48956G	5.57068G	75.682M	5.492339G	5.568021G	Inf	2
80.76M	5.49004G	5.5708G	75.442M	5.492459G	5.567901G	Inf	3
81.36M	5.48956G	5.57092G	75.562M	5.492339G	5.567901G	Inf	4

802.11ac VHT160-BF_Nss3,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

29/07/2019

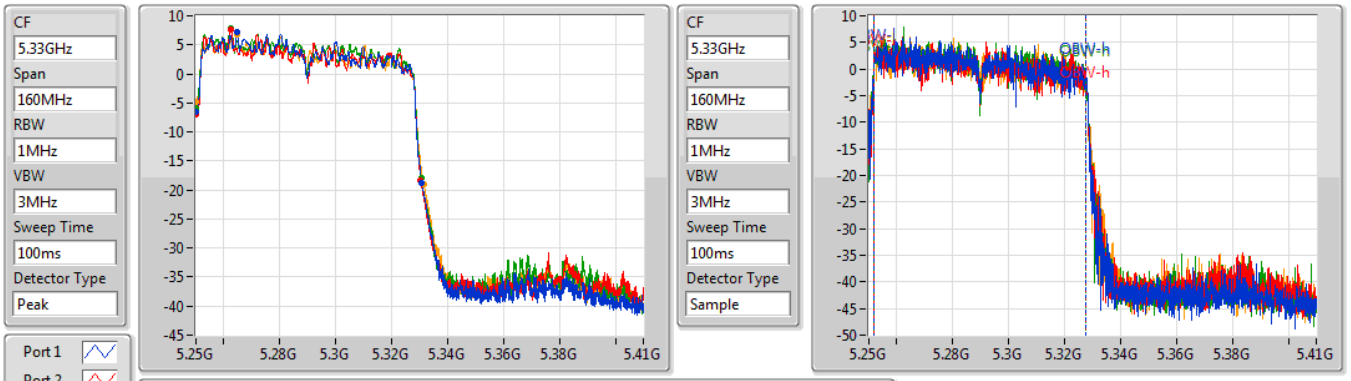


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.28M	5.16872G	5.25G	75.802M	5.172399G	5.248201G	Inf	1
81.12M	5.16888G	5.25G	75.642M	5.172399G	5.248041G	Inf	2
80.48M	5.16952G	5.25G	75.642M	5.172479G	5.248121G	Inf	3
81.04M	5.16896G	5.25G	75.802M	5.172319G	5.248121G	Inf	4

802.11ac VHT160-BF_Nss3,(MCS0)_4TX EBW

5250MHz

29/07/2019

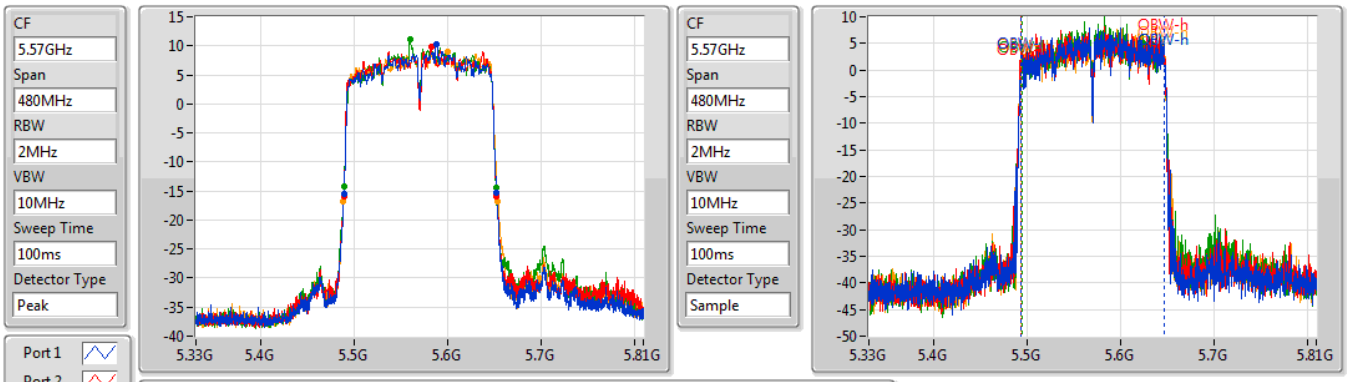


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.25G	5.33088G	75.642M	5.251959G	5.327601G	Inf	1
80.4M	5.25G	5.3304G	75.562M	5.251879G	5.327441G	Inf	2
80.48M	5.25G	5.33048G	75.642M	5.251799G	5.327441G	Inf	3
81.52M	5.25G	5.33152G	75.722M	5.251799G	5.327521G	Inf	4

802.11ac VHT160-BF_Nss3,(MCS0)_4TX EBW

5570MHz

29/07/2019

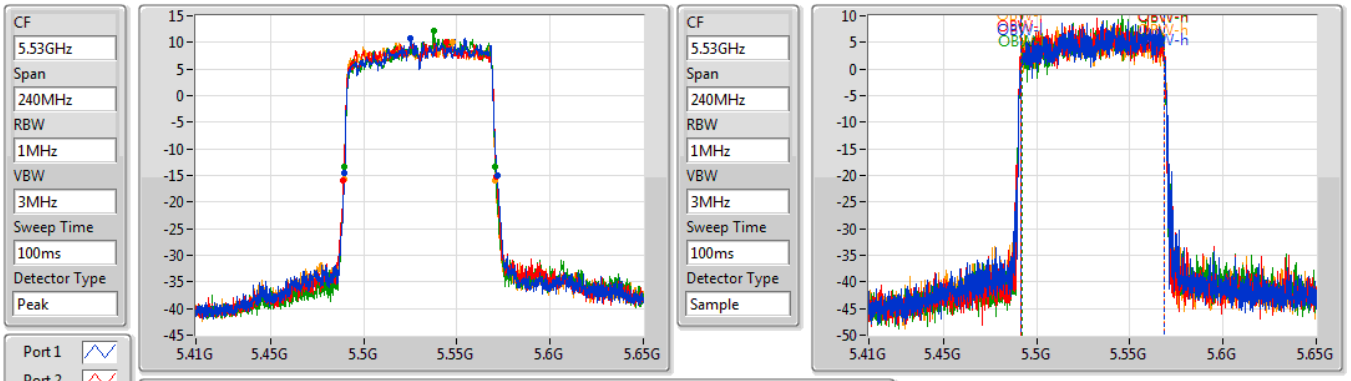


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.48864G	5.65232G	153.763M	5.493478G	5.647241G	Inf	1
163.92M	5.48864G	5.65256G	154.723M	5.492759G	5.647481G	Inf	2
162.96M	5.48888G	5.65184G	153.043M	5.493958G	5.647001G	Inf	3
165.84M	5.48816G	5.654G	154.243M	5.493238G	5.647481G	Inf	4

802.11ax HEW80-BF_Nss3,(MCS0)_4TX EBW

5530MHz

29/07/2019

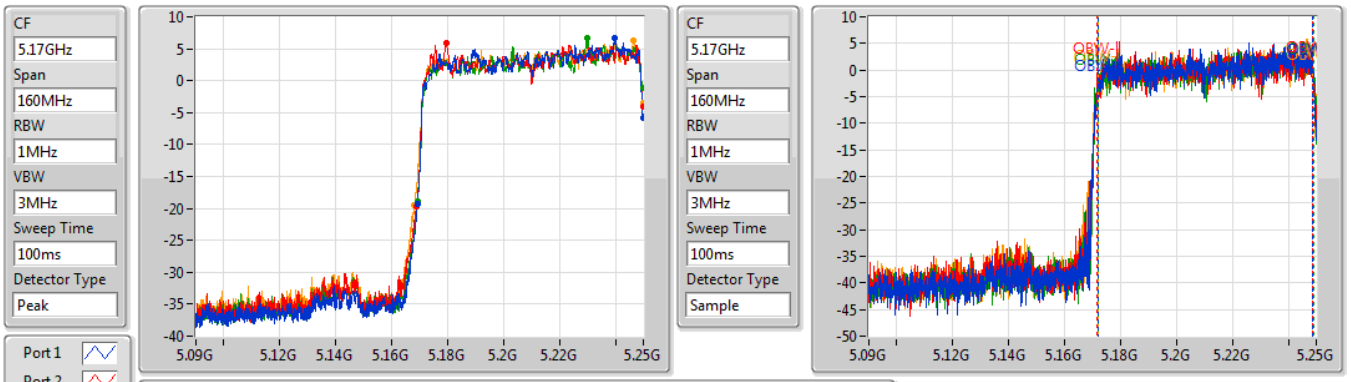


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.48968G	5.57152G	76.762M	5.491739G	5.568501G	Inf	1
82.08M	5.4892G	5.57128G	76.882M	5.491619G	5.568501G	Inf	2
81M	5.48968G	5.57068G	76.402M	5.491979G	5.568381G	Inf	3
81.36M	5.48932G	5.57068G	76.882M	5.491499G	5.568381G	Inf	4

802.11ax HEW160-BF_Nss3,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

29/07/2019

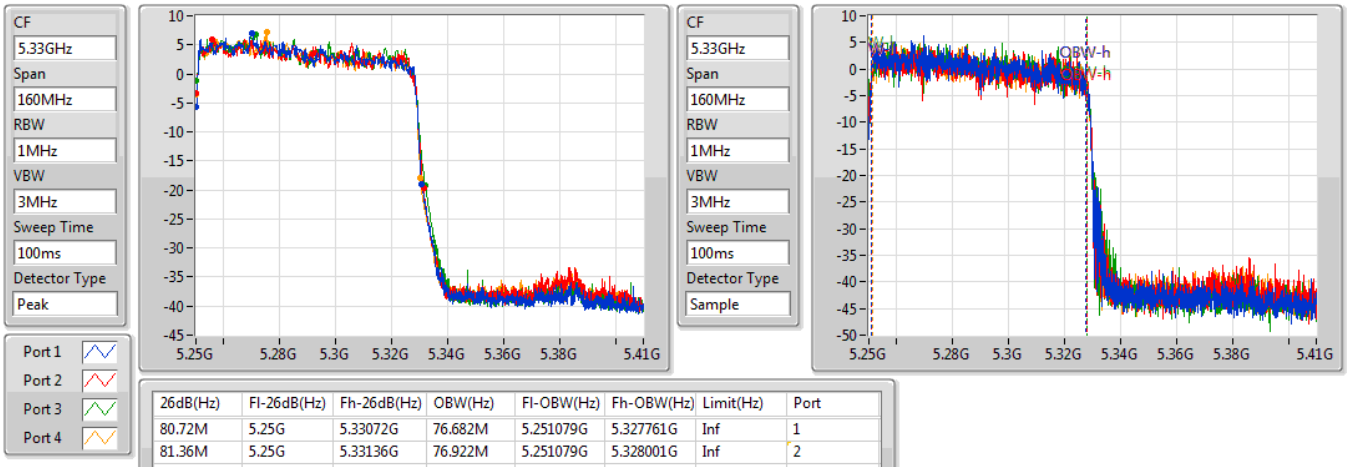


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1692G	5.25G	76.842M	5.171919G	5.248761G	Inf	1
81.12M	5.16888G	5.25G	77.001M	5.171759G	5.248761G	Inf	2
80.8M	5.1692G	5.25G	76.922M	5.171999G	5.248921G	Inf	3
81.84M	5.16816G	5.25G	77.001M	5.171839G	5.248841G	Inf	4

802.11ax HEW160-BF_Nss3,(MCS0)_4TX EBW

5250MHz

29/07/2019

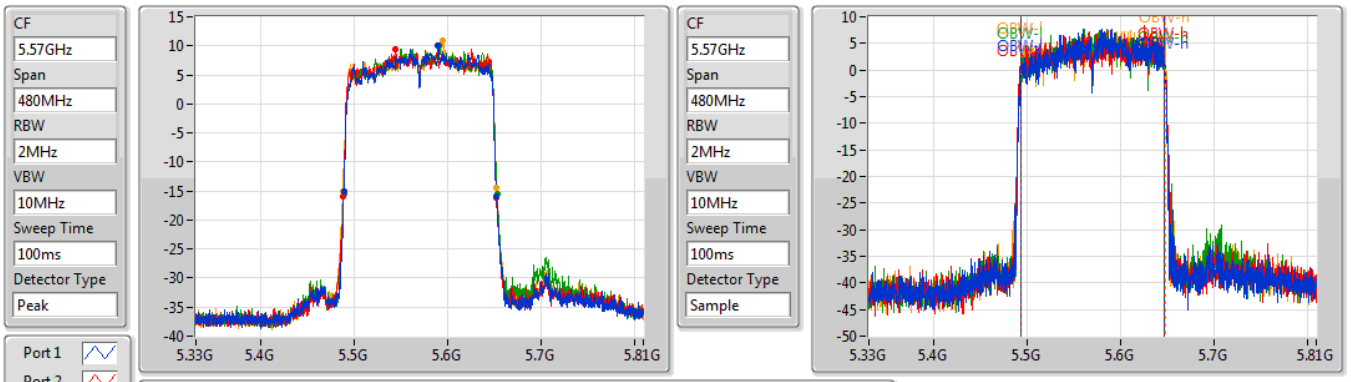


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.72M	5.25G	5.33072G	76.682M	5.251079G	5.327761G	Inf	1
81.36M	5.25G	5.33136G	76.922M	5.251079G	5.328001G	Inf	2
82M	5.25G	5.332G	76.922M	5.251079G	5.328001G	Inf	3
80.4M	5.25G	5.3304G	76.682M	5.251159G	5.327841G	Inf	4

802.11ax HEW160-BF_Nss3,(MCS0)_4TX EBW

5570MHz

29/07/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.48888G	5.65256G	154.243M	5.493238G	5.647481G	Inf	1
163.92M	5.4884G	5.65232G	154.963M	5.492519G	5.647481G	Inf	2
164.4M	5.48864G	5.65304G	153.763M	5.493478G	5.647241G	Inf	3
165.12M	5.48744G	5.65256G	154.963M	5.492759G	5.647721G	Inf	4

<non-beamforming mode> 4T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	18.03	0.06353
802.11ax HEW160_Nss1,(MCS0)_4TX	18.56	0.07178
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831
802.11ac VHT20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ac VHT40_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ac VHT160_Nss1,(MCS0)_4TX	18.02	0.06339
802.11ax HEW20_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW80_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160_Nss1,(MCS0)_4TX	18.48	0.07047
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.82	0.24099
802.11ac VHT20_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ac VHT40_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ac VHT80_Nss1,(MCS0)_4TX	23.81	0.24044
802.11ac VHT160_Nss1,(MCS0)_4TX	22.21	0.16634
802.11ax HEW20_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ax HEW40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ax HEW160_Nss1,(MCS0)_4TX	21.84	0.15276
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.86	0.04853
802.11ac VHT20_Nss1,(MCS0)_4TX	17.47	0.05585
802.11ac VHT40_Nss1,(MCS0)_4TX	13.77	0.02382
802.11ac VHT80_Nss1,(MCS0)_4TX	10.04	0.01009
802.11ax HEW20_Nss1,(MCS0)_4TX	17.89	0.06152
802.11ax HEW40_Nss1,(MCS0)_4TX	14.51	0.02825
802.11ax HEW80_Nss1,(MCS0)_4TX	10.87	0.01222

Result

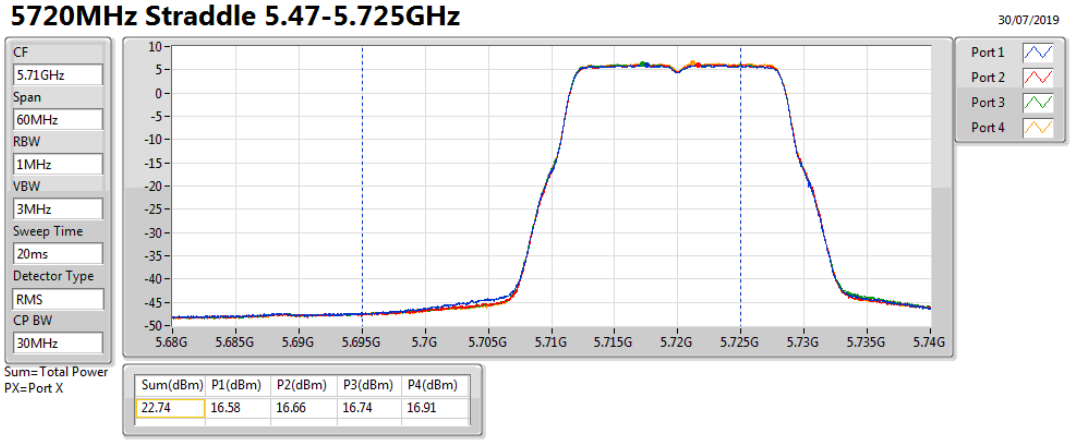
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	18.01	17.75	17.96	17.91	23.93	23.98
5300MHz	Pass	6.00	18.06	17.93	17.74	17.98	23.95	23.98
5320MHz	Pass	6.00	17.55	18.08	17.53	17.85	23.78	23.98
5500MHz	Pass	5.10	18.06	17.65	17.45	17.99	23.82	23.98
5580MHz	Pass	5.10	17.64	17.79	17.89	17.84	23.81	23.98
5700MHz	Pass	5.10	17.70	17.66	17.82	17.90	23.79	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.58	16.66	16.74	16.91	22.74	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	4.70	10.62	10.80	10.75	11.17	16.86	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	17.74	17.77	17.83	17.81	23.81	23.98
5300MHz	Pass	6.00	17.68	17.62	17.86	17.83	23.77	23.98
5320MHz	Pass	6.00	17.75	18.06	17.72	17.94	23.89	23.98
5500MHz	Pass	5.10	18.03	17.71	17.64	17.91	23.85	23.98
5580MHz	Pass	5.10	17.98	17.64	18.00	17.84	23.89	23.98
5700MHz	Pass	5.10	17.86	17.76	17.76	18.19	23.92	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.90	16.60	16.88	16.95	22.86	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.70	11.29	11.35	11.48	11.68	17.47	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	18.11	17.71	17.82	18.01	23.94	23.98
5310MHz	Pass	6.00	17.79	17.75	17.77	18.02	23.85	23.98
5510MHz	Pass	5.10	17.47	17.40	17.20	17.36	23.38	23.98
5550MHz	Pass	5.10	17.95	17.81	18.12	17.91	23.97	23.98
5670MHz	Pass	5.10	17.72	17.61	17.98	17.88	23.82	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	17.94	17.53	17.89	17.93	23.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.70	7.43	7.82	7.68	8.03	13.77	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	17.82	17.75	17.72	17.96	23.83	23.98
5530MHz	Pass	5.10	17.82	17.73	17.70	17.70	23.76	23.98
5610MHz	Pass	5.10	17.93	17.41	17.85	17.95	23.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	17.84	17.50	17.85	17.92	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.70	3.56	4.07	3.76	4.61	10.04	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	12.12	12.13	11.60	12.18	18.03	30.00
5250MHz	Pass	6.00	12.17	11.85	12.02	11.96	18.02	23.98
5570MHz	Pass	5.10	16.17	16.09	16.31	16.17	22.21	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	17.84	17.87	17.78	17.90	23.87	23.98
5300MHz	Pass	6.00	17.73	17.92	17.72	17.90	23.84	23.98
5320MHz	Pass	6.00	17.88	18.18	17.77	17.91	23.96	23.98
5500MHz	Pass	5.10	18.09	17.80	17.85	17.92	23.94	23.98
5580MHz	Pass	5.10	17.79	17.68	18.13	17.89	23.90	23.98
5700MHz	Pass	5.10	16.46	16.66	16.48	16.71	22.60	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.70	16.59	16.81	17.02	22.80	22.94

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.70	11.59	11.79	11.88	12.21	17.89	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	18.08	17.79	17.69	18.10	23.94	23.98
5310MHz	Pass	6.00	17.94	17.89	17.86	18.04	23.95	23.98
5510MHz	Pass	5.10	17.73	17.83	17.78	17.68	23.78	23.98
5550MHz	Pass	5.10	17.71	17.83	18.01	18.06	23.93	23.98
5670MHz	Pass	5.10	17.71	17.42	17.97	17.88	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	18.01	17.62	18.05	18.05	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.70	8.13	8.56	8.51	8.74	14.51	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	17.79	17.82	17.77	18.02	23.87	23.98
5530MHz	Pass	5.10	17.83	17.82	17.71	17.84	23.82	23.98
5610MHz	Pass	5.10	17.99	17.53	17.69	17.79	23.77	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	17.88	17.65	18.05	18.10	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.70	4.21	4.98	4.66	5.47	10.87	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	12.65	12.67	12.07	12.72	18.56	30.00
5250MHz	Pass	6.00	12.55	12.40	12.56	12.31	18.48	23.98
5570MHz	Pass	5.10	15.89	15.69	15.85	15.85	21.84	23.98

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

802.11a_Nss1,(6Mbps)_4TX **AV Power**

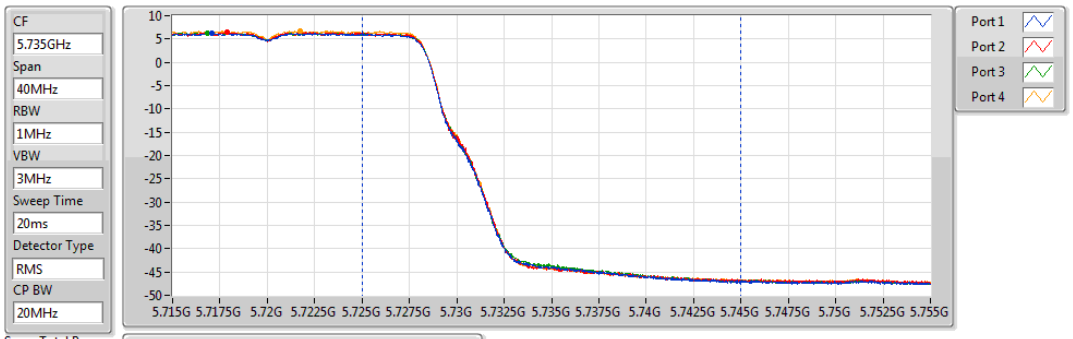
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.74	16.58	16.66	16.74	16.91

802.11a_Nss1,(6Mbps)_4TX **AV Power**

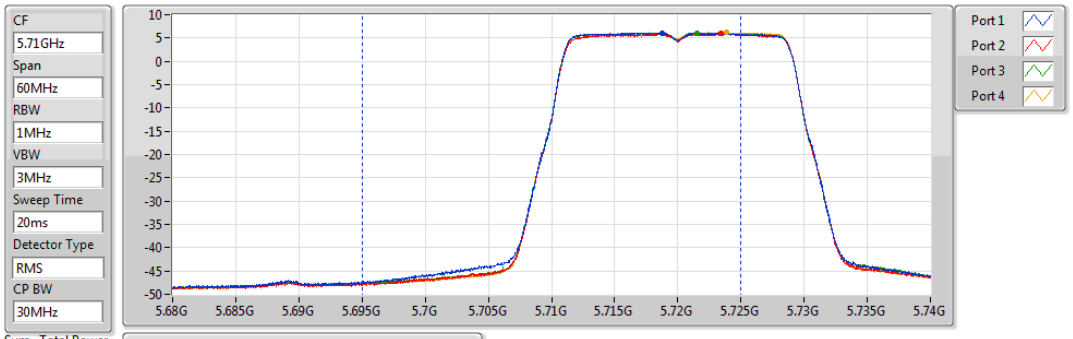
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.86	10.62	10.80	10.75	11.17

802.11ac VHT20_Nss1,(MCS0)_4TX **AV Power**

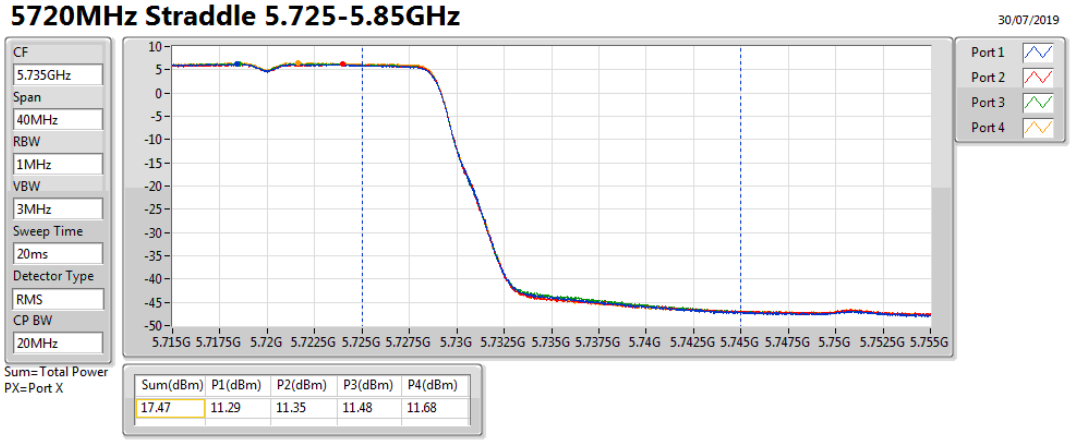
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.86	16.90	16.60	16.88	16.95

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

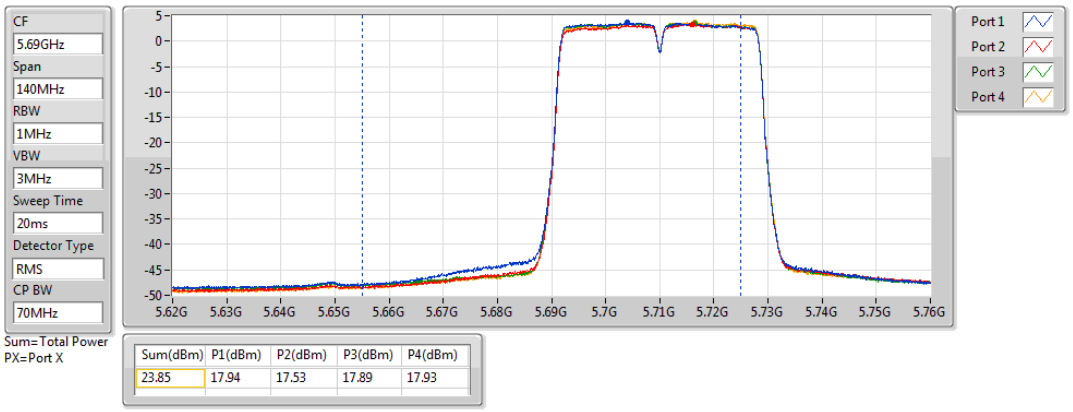
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.47	11.29	11.35	11.48	11.68

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

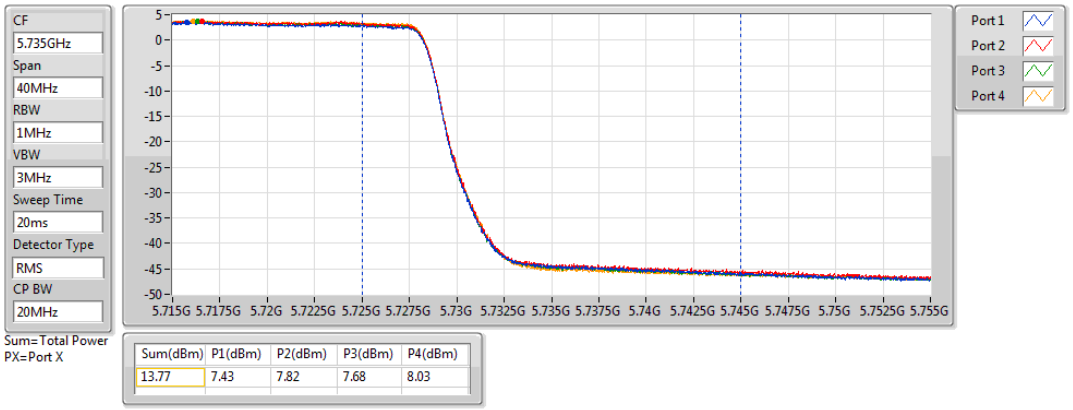
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.85	17.94	17.53	17.89	17.93

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

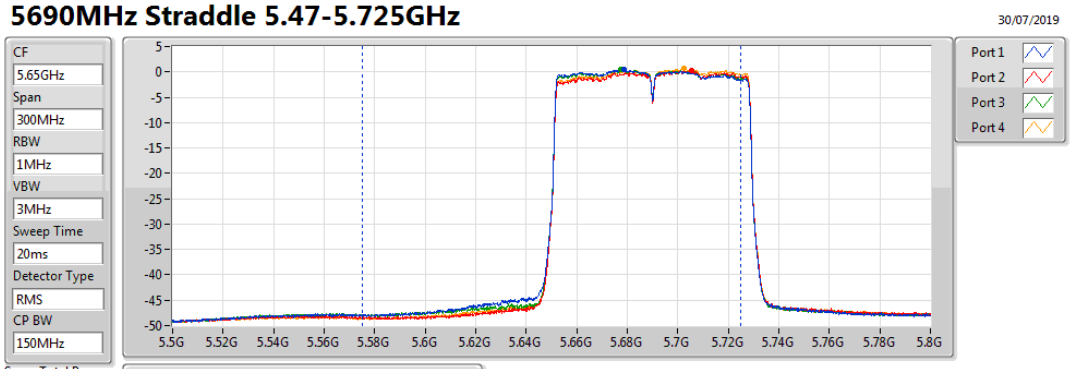
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.77	7.43	7.82	7.68	8.03

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

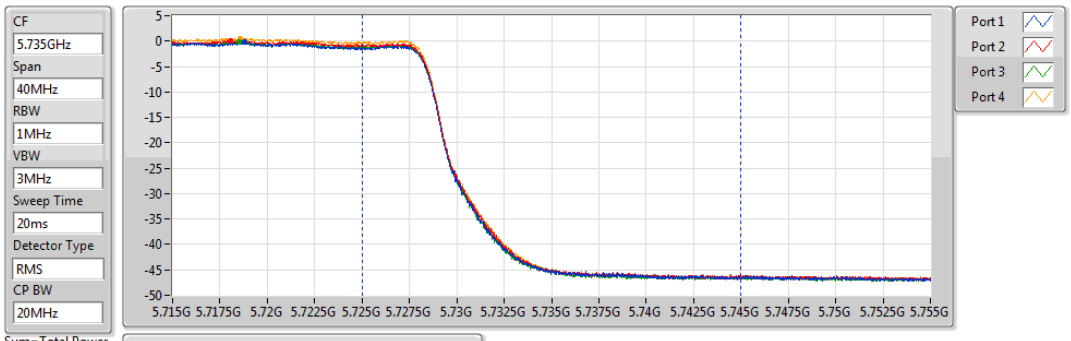
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	17.84	17.50	17.85	17.92

802.11ac VHT80_Nss1,(MCS0)_4TX AV Power

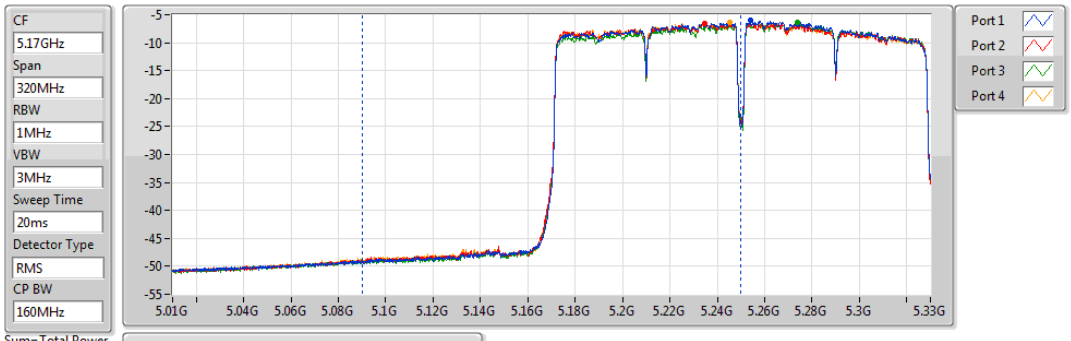
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.04	3.56	4.07	3.76	4.61

802.11ac VHT160_Nss1,(MCS0)_4TX AV Power

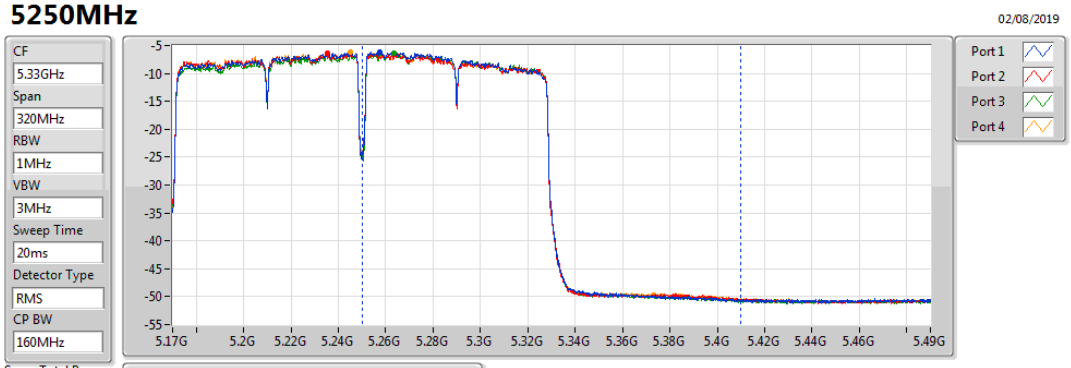
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.03	12.12	12.13	11.60	12.18

802.11ac VHT160_Nss1,(MCS0)_4TX AV Power

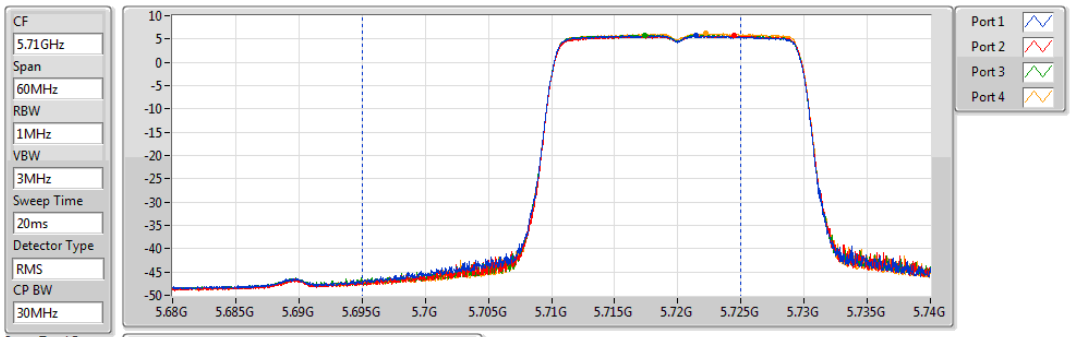
5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.02	12.17	11.85	12.02	11.96

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

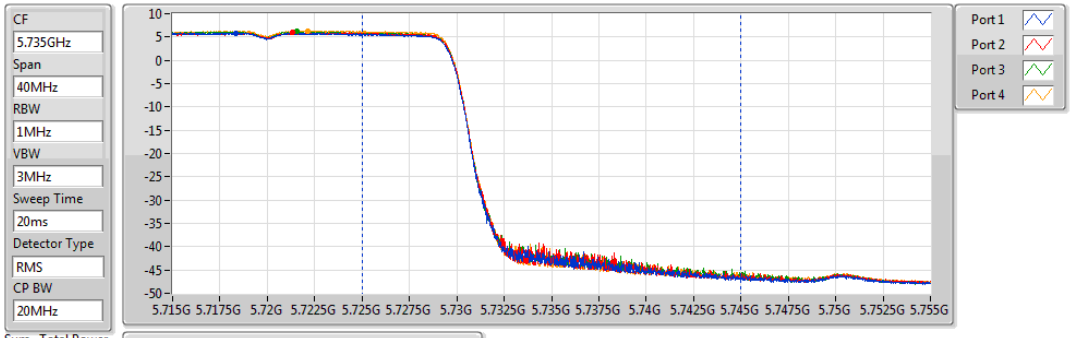
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.80	16.70	16.59	16.81	17.02

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

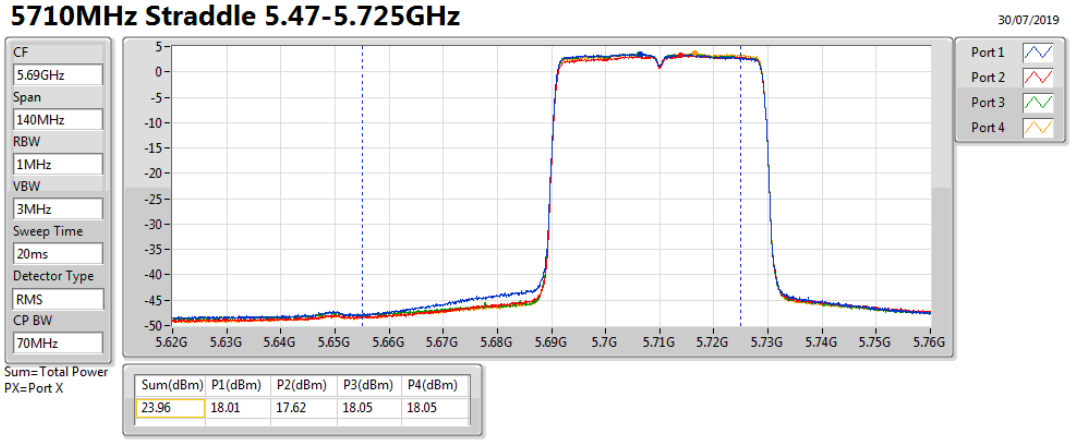
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.89	11.59	11.79	11.88	12.21

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

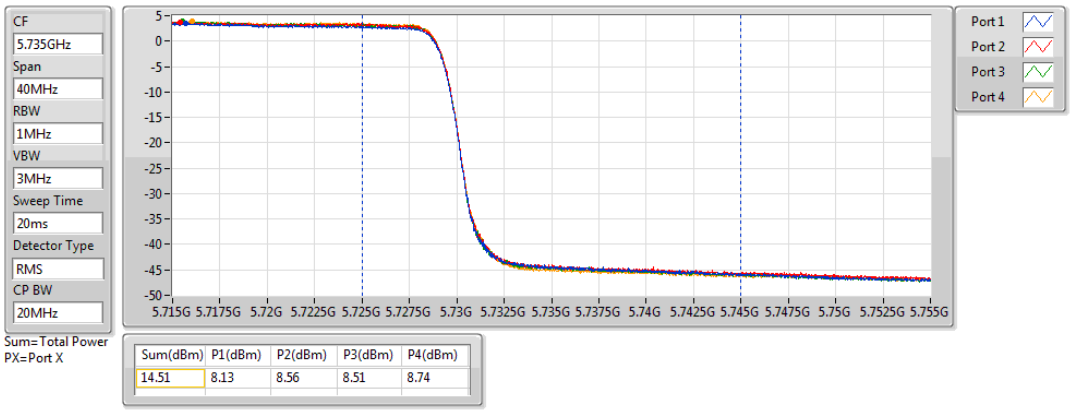
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	18.01	17.62	18.05	18.05

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

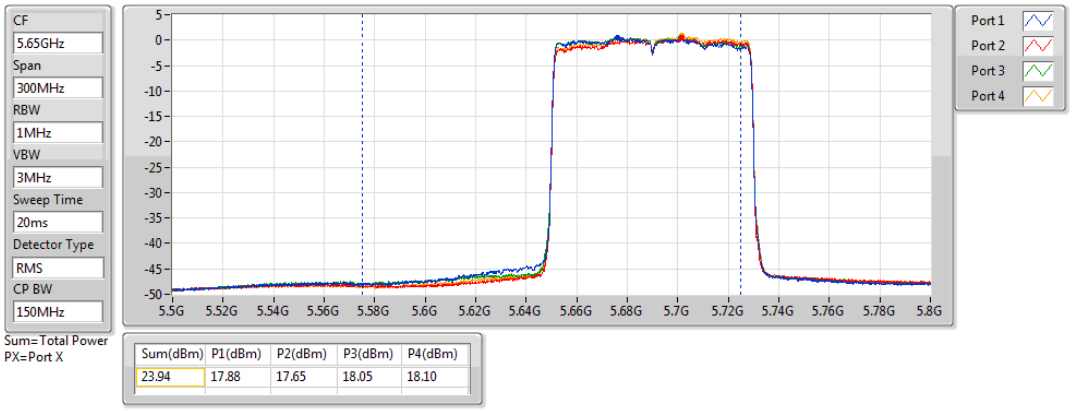
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.51	8.13	8.56	8.51	8.74

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

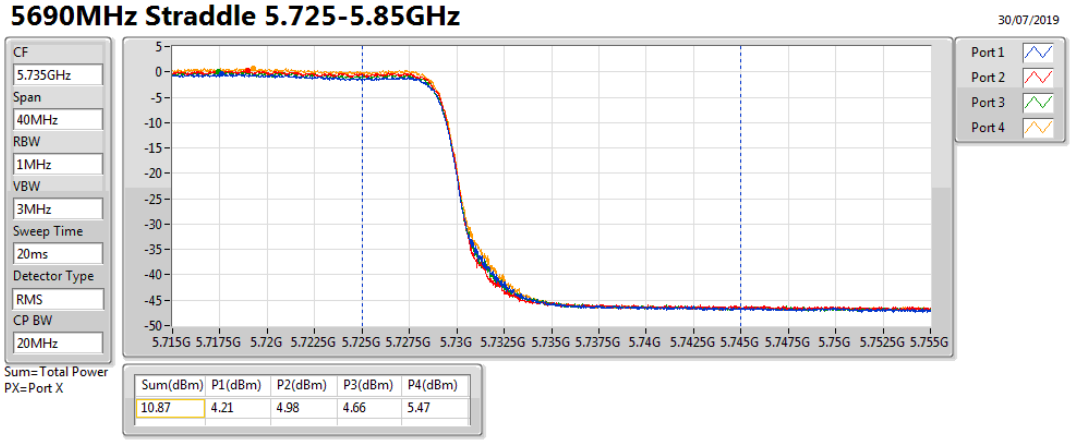
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.94	17.88	17.65	18.05	18.10

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

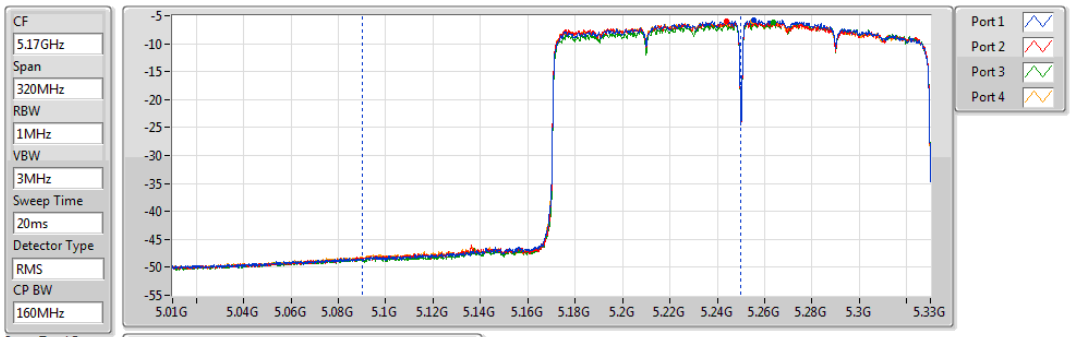
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.87	4.21	4.98	4.66	5.47

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

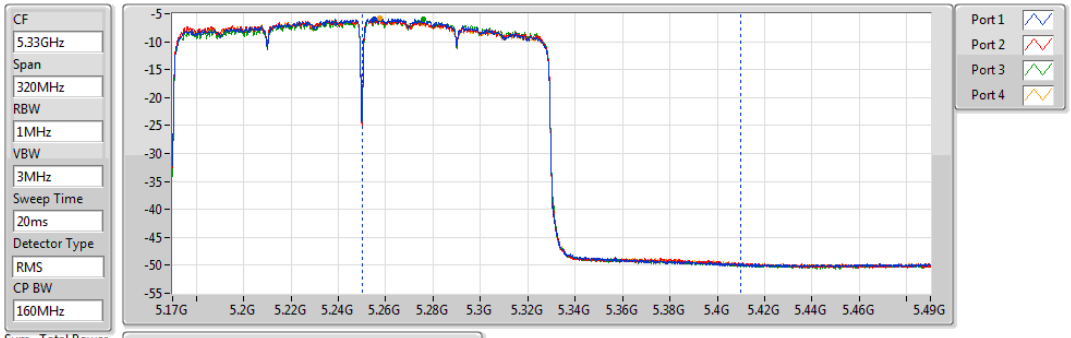
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.56	12.65	12.67	12.07	12.72

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.48	12.55	12.40	12.56	12.31

<beamforming mode> 4T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	19.97	0.09931
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.14	0.08204
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	20.02	0.10046
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.13	0.08185
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.81	0.24044
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.68	0.18535
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.94	0.24774
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.21	0.20941
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.47	0.05585
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	13.77	0.02382
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	10.04	0.01009
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.89	0.06152
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.51	0.02825
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.87	0.01222

Result

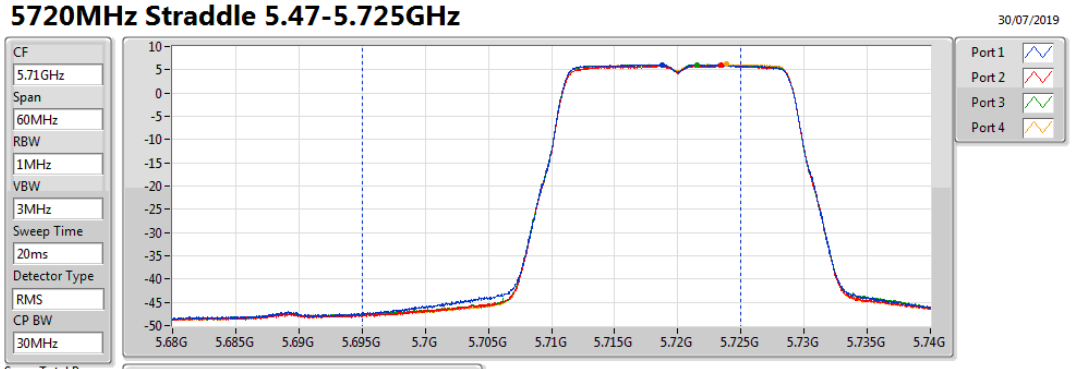
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	17.74	17.77	17.83	17.81	23.81	23.98
5300MHz	Pass	4.20	17.68	17.62	17.86	17.83	23.77	23.98
5320MHz	Pass	4.20	17.75	18.06	17.72	17.94	23.89	23.98
5500MHz	Pass	5.10	18.03	17.71	17.64	17.91	23.85	23.98
5580MHz	Pass	5.10	17.98	17.64	18.00	17.84	23.89	23.98
5700MHz	Pass	5.10	17.86	17.76	17.76	18.19	23.92	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.90	16.60	16.88	16.95	22.86	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	11.29	11.35	11.48	11.68	17.47	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	18.11	17.71	17.82	18.01	23.94	23.98
5310MHz	Pass	4.20	17.79	17.75	17.77	18.02	23.85	23.98
5510MHz	Pass	5.10	16.42	16.36	16.26	16.25	22.34	23.98
5550MHz	Pass	5.10	17.95	17.81	18.12	17.91	23.97	23.98
5670MHz	Pass	5.10	17.72	17.61	17.98	17.88	23.82	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	17.94	17.53	17.89	17.93	23.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	7.43	7.82	7.68	8.03	13.77	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	17.82	17.75	17.72	17.96	23.83	23.98
5530MHz	Pass	5.10	17.82	17.73	17.70	17.70	23.76	23.98
5610MHz	Pass	5.10	17.93	17.41	17.85	17.95	23.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	17.84	17.50	17.85	17.92	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	3.56	4.07	3.76	4.61	10.04	30.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	14.14	13.94	13.71	13.98	19.97	30.00
5250MHz	Pass	4.20	14.18	13.78	14.18	13.83	20.02	23.98
5570MHz	Pass	5.10	16.71	16.55	16.67	16.72	22.68	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	17.84	17.87	17.78	17.90	23.87	23.98
5300MHz	Pass	4.20	17.73	17.92	17.72	17.90	23.84	23.98
5320MHz	Pass	4.20	17.88	18.18	17.77	17.91	23.96	23.98
5500MHz	Pass	5.10	18.09	17.80	17.85	17.92	23.94	23.98
5580MHz	Pass	5.10	17.79	17.68	18.13	17.89	23.90	23.98
5700MHz	Pass	5.10	17.76	17.76	18.08	18.11	23.95	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	16.70	16.59	16.81	17.02	22.80	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	11.59	11.79	11.88	12.21	17.89	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	18.08	17.79	17.69	18.10	23.94	23.98
5310MHz	Pass	4.20	17.94	17.89	17.86	18.04	23.95	23.98
5510MHz	Pass	5.10	16.74	16.89	16.62	16.80	22.78	23.98
5550MHz	Pass	5.10	17.71	17.83	18.01	18.06	23.93	23.98
5670MHz	Pass	5.10	17.71	17.42	17.97	17.88	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	18.01	17.62	18.05	18.05	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	8.13	8.56	8.51	8.74	14.51	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	17.79	17.82	17.77	18.02	23.87	23.98
5530MHz	Pass	5.10	17.83	17.82	17.71	17.84	23.82	23.98
5610MHz	Pass	5.10	17.99	17.53	17.69	17.79	23.77	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	17.88	17.65	18.05	18.10	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	4.21	4.98	4.66	5.47	10.87	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	13.22	13.10	12.94	13.23	19.14	30.00
5250MHz	Pass	4.20	13.17	12.88	13.35	13.02	19.13	23.98
5570MHz	Pass	5.10	17.25	17.08	17.17	17.24	23.21	23.98

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **AV Power**

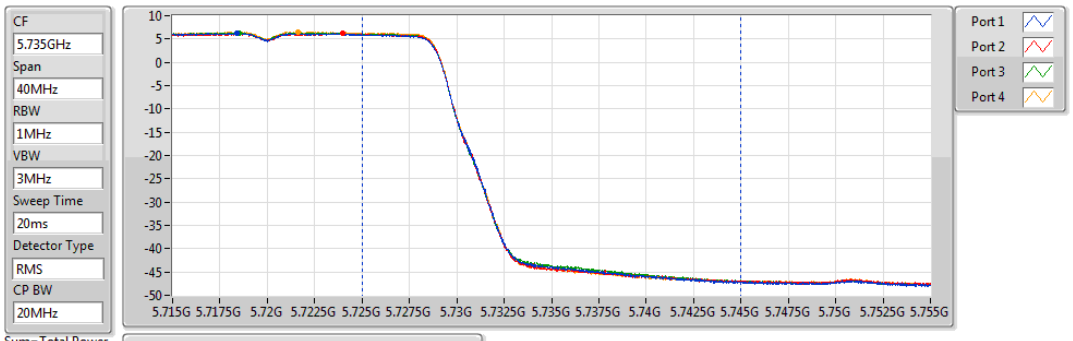
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.86	16.90	16.60	16.88	16.95

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **AV Power**

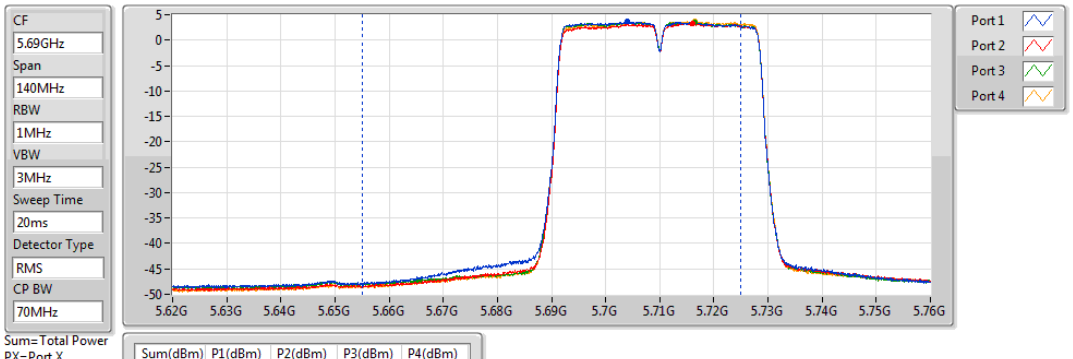
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.47	11.29	11.35	11.48	11.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **AV Power**

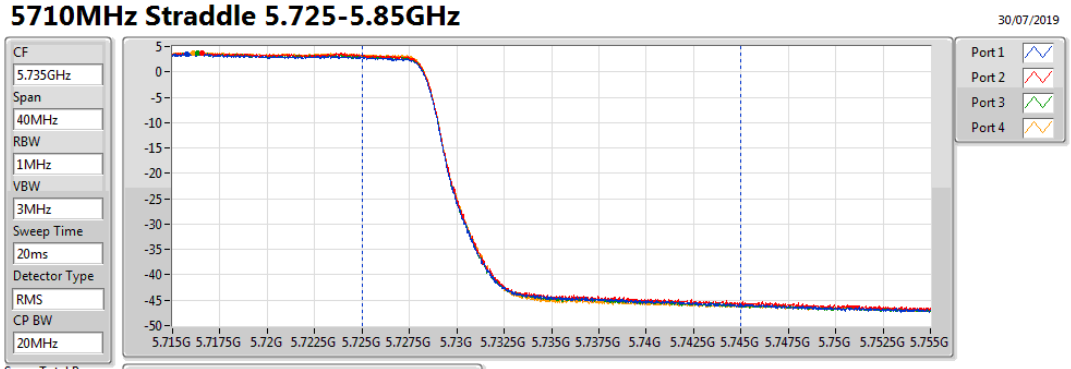
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.85	17.94	17.53	17.89	17.93

802.11ac VHT40-BF_Nss1,(MCS0)_4TX AV Power

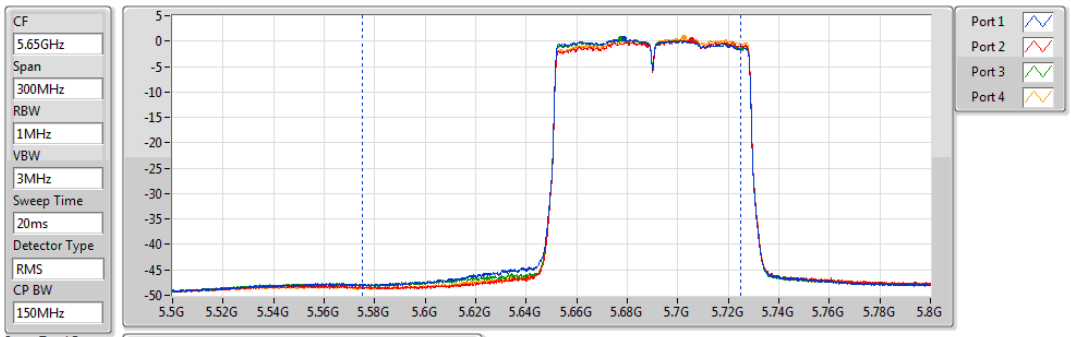
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.77	7.43	7.82	7.68	8.03

802.11ac VHT80-BF_Nss1,(MCS0)_4TX AV Power

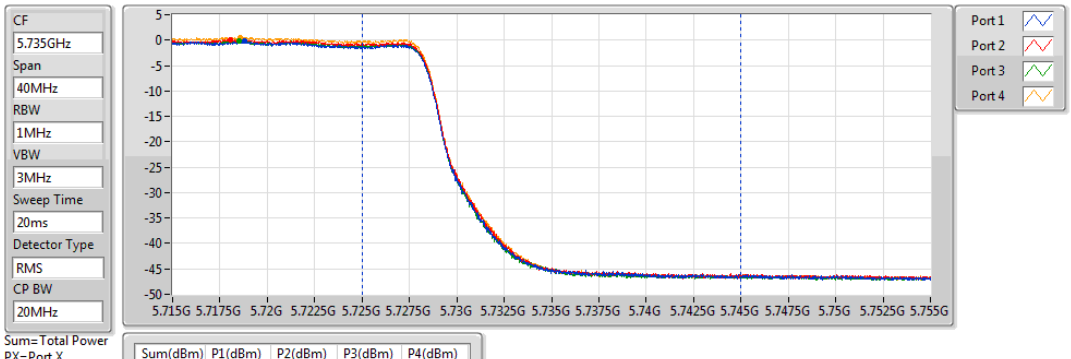
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	17.84	17.50	17.85	17.92

802.11ac VHT80-BF_Nss1,(MCS0)_4TX AV Power

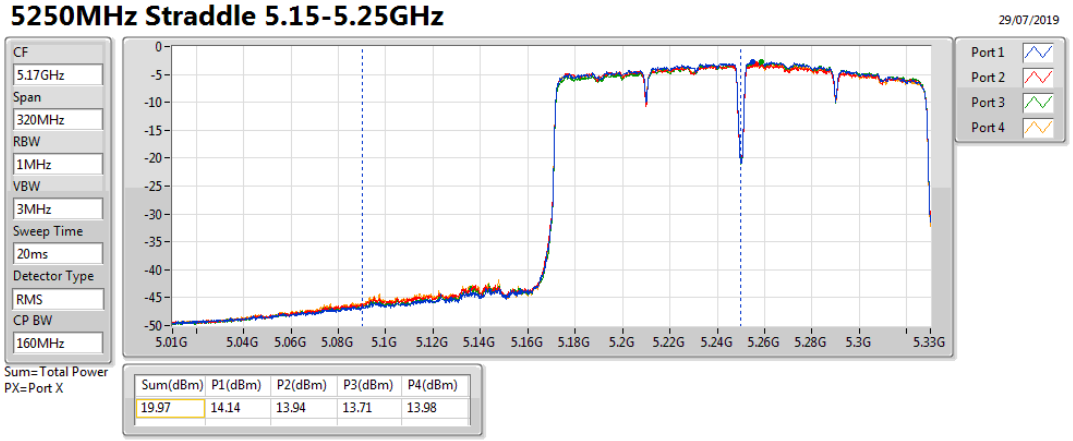
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.04	3.56	4.07	3.76	4.61

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **AV Power**

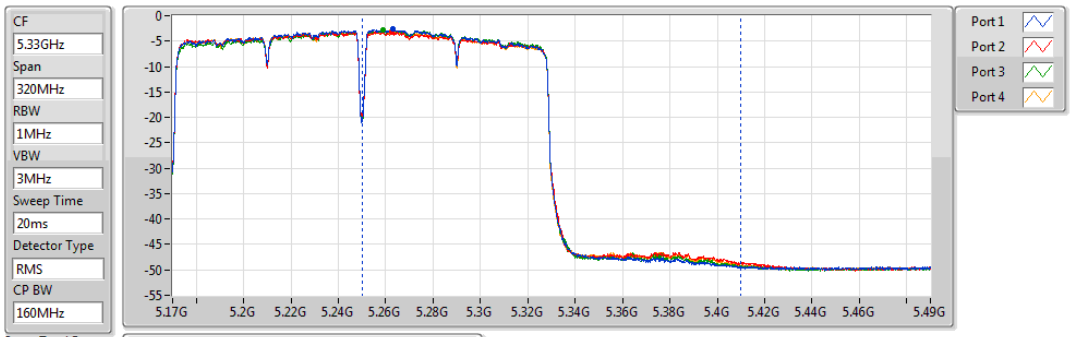
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.97	14.14	13.94	13.71	13.98

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **AV Power**

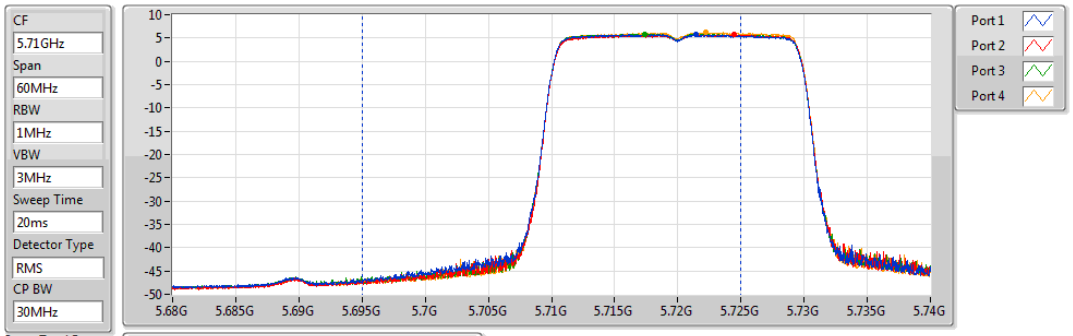
5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.02	14.18	13.78	14.18	13.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

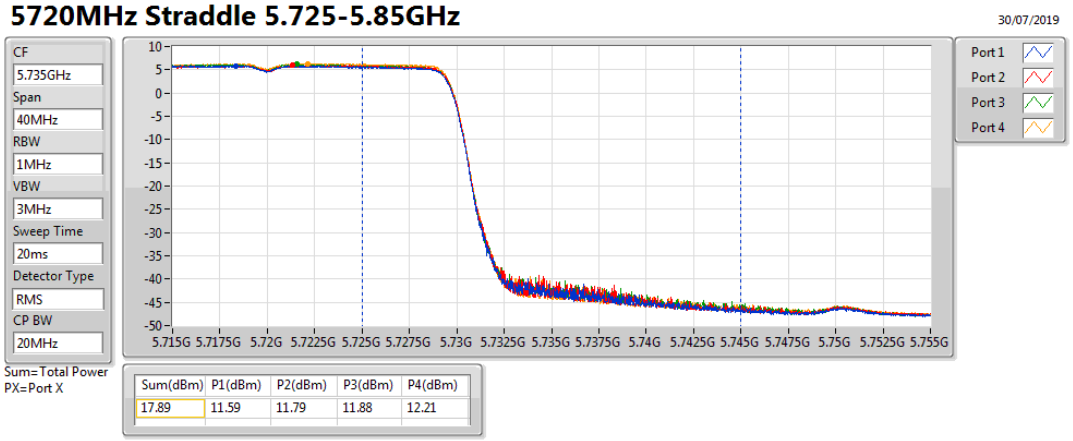
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.80	16.70	16.59	16.81	17.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

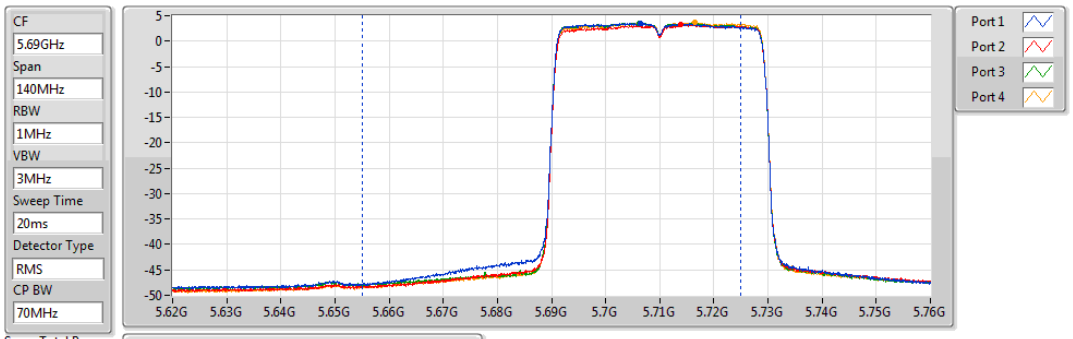


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.89	11.59	11.79	11.88	12.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

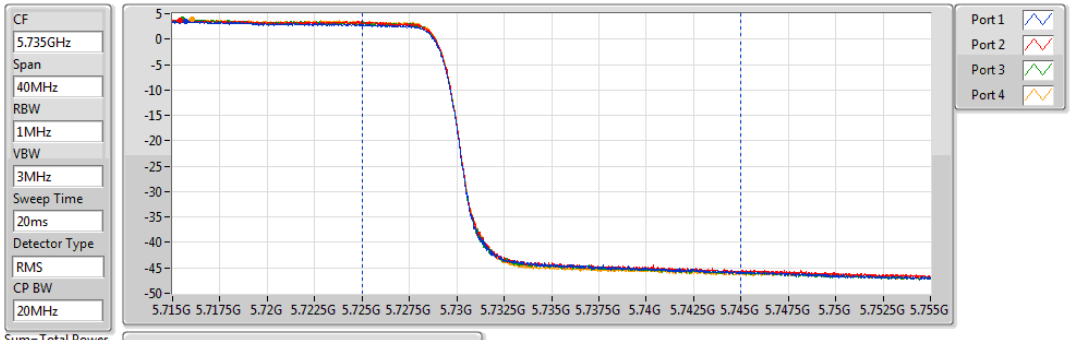


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	18.01	17.62	18.05	18.05

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

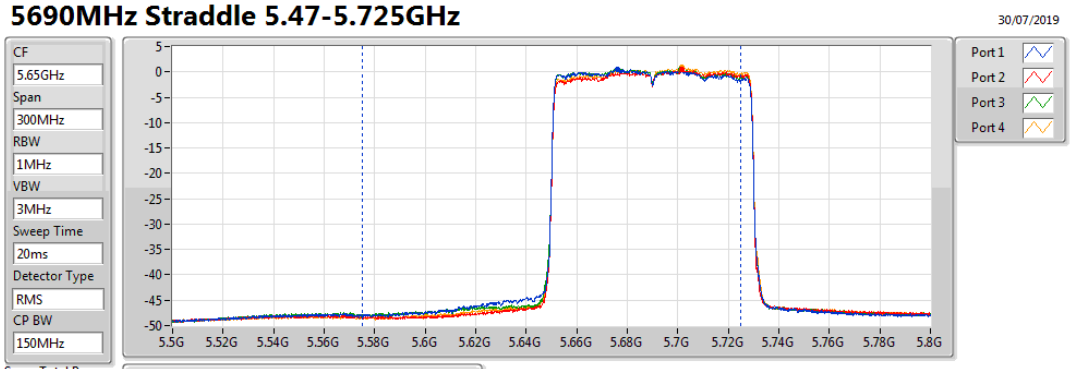


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.51	8.13	8.56	8.51	8.74

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

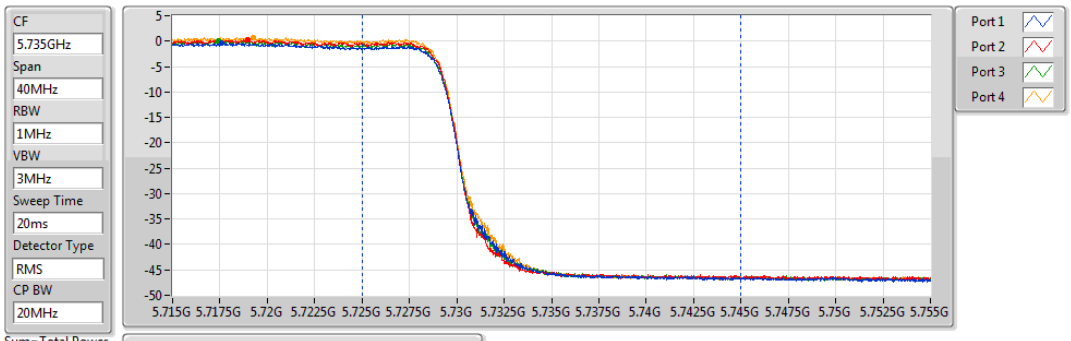
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.94	17.88	17.65	18.05	18.10

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

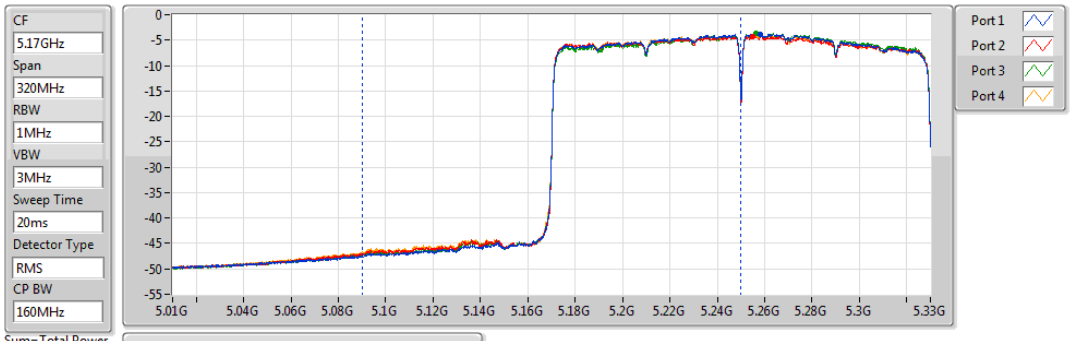
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.87	4.21	4.98	4.66	5.47

802.11ax HEW160-BF_Nss1,(MCS0)_4TX AV Power

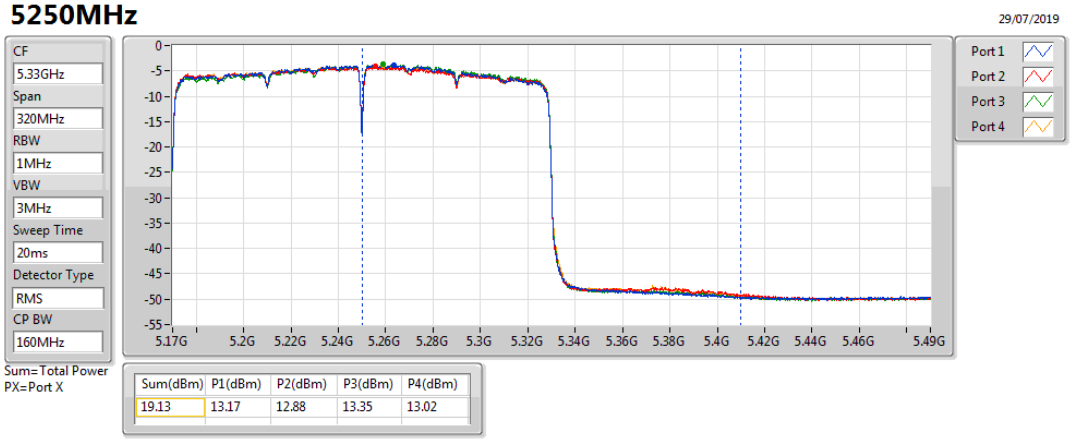
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.14	13.22	13.10	12.94	13.23

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.13	13.17	12.88	13.35	13.02

<non-beamforming mode> 4T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_4TX	18.35	0.06839
802.11ax HEW160_Nss2,(MCS0)_4TX	17.96	0.06252
5.25-5.35GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_4TX	18.38	0.06887
802.11ax HEW160_Nss2,(MCS0)_4TX	17.96	0.06252
5.47-5.725GHz	-	-
802.11ac VHT80_Nss2,(MCS0)_4TX	23.96	0.24889
802.11ac VHT160_Nss2,(MCS0)_4TX	21.14	0.13002
802.11ax HEW80_Nss2,(MCS0)_4TX	23.90	0.24547
802.11ax HEW160_Nss2,(MCS0)_4TX	21.58	0.14388

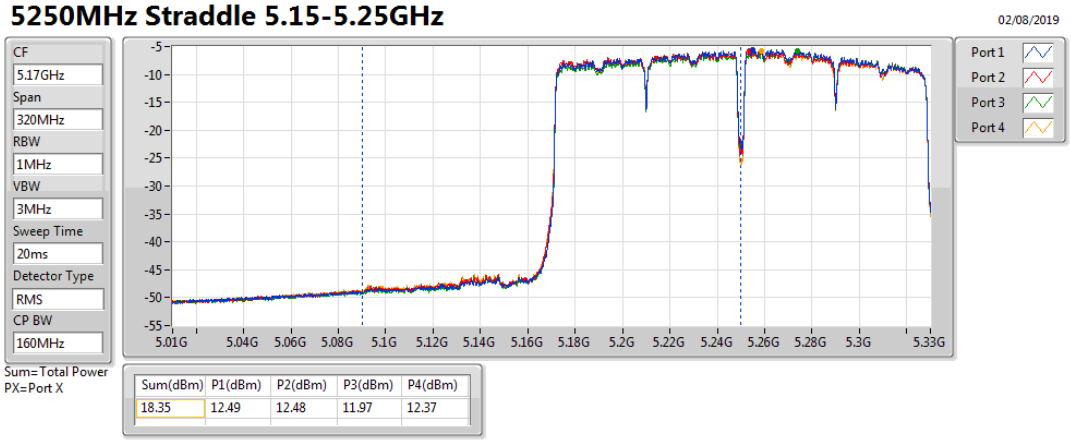
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	18.03	17.89	17.81	18.02	23.96	23.98
802.11ac VHT160_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	12.49	12.48	11.97	12.37	18.35	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	12.61	12.23	12.34	12.24	18.38	23.98
5570MHz	Pass	5.10	15.21	14.92	15.22	15.13	21.14	23.98
802.11ax HEW80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	17.97	18.01	17.81	17.74	23.90	23.98
802.11ax HEW160_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	12.16	12.14	11.47	11.97	17.96	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	12.27	11.89	11.85	11.71	17.96	23.98
5570MHz	Pass	5.10	15.74	15.38	15.61	15.48	21.58	23.98

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

802.11ac VHT160_Nss2,(MCS0)_4TX AV Power

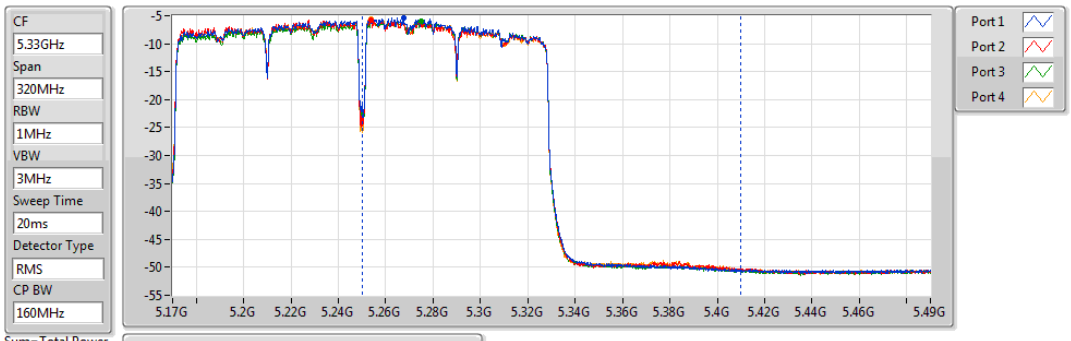
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.35	12.49	12.48	11.97	12.37

802.11ac VHT160_Nss2,(MCS0)_4TX AV Power

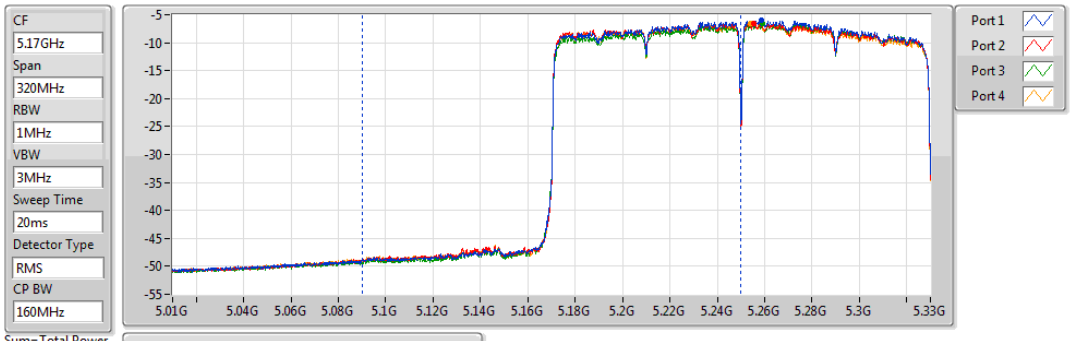
5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.38	12.61	12.23	12.34	12.24

802.11ax HEW160_Nss2,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz

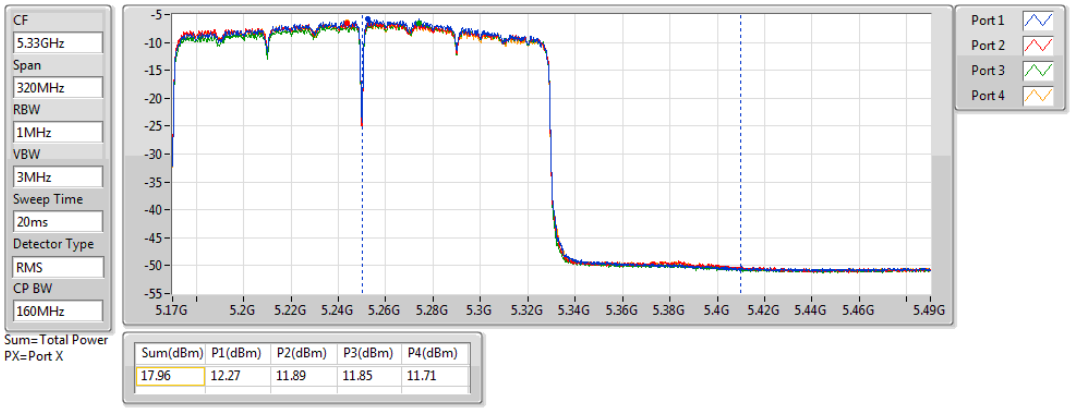


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.96	12.16	12.14	11.47	11.97

802.11ax HEW160_Nss2,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz

02/08/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.96	12.27	11.89	11.85	11.71

<beamforming mode> 4T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	20.28	0.10666
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	19.91	0.09795
5.25-5.35GHz	-	-
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	20.36	0.10864
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	19.97	0.09931
5.47-5.725GHz	-	-
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	23.96	0.24889
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	22.84	0.19231
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.90	0.24547
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	22.75	0.18836

Result

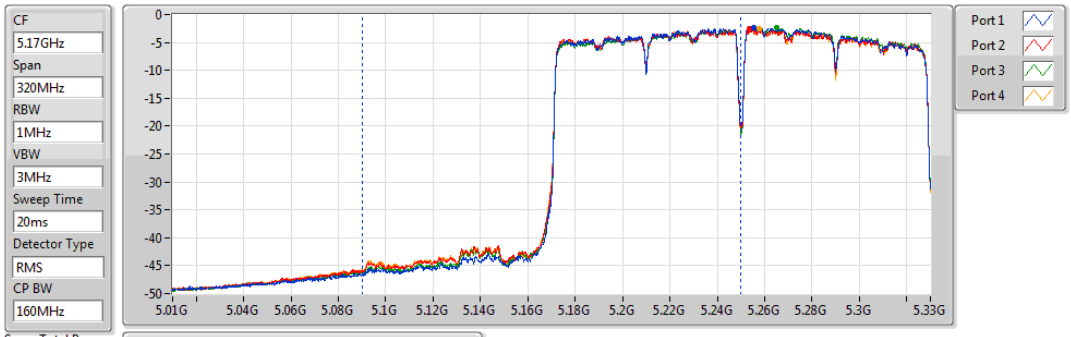
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	18.03	17.89	17.81	18.02	23.96	23.98
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	14.38	14.27	14.07	14.32	20.28	30.00
5250MHz	Pass	4.20	14.43	14.13	14.56	14.21	20.36	23.98
5570MHz	Pass	5.10	16.87	16.71	16.92	16.78	22.84	23.98
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	17.97	18.01	17.81	17.74	23.90	23.98
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	14.11	13.90	13.64	13.89	19.91	30.00
5250MHz	Pass	4.20	14.16	13.73	14.15	13.73	19.97	23.98
5570MHz	Pass	5.10	16.86	16.61	16.72	16.73	22.75	23.98

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

802.11ac VHT160-BF_Nss2,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz

29/07/2019

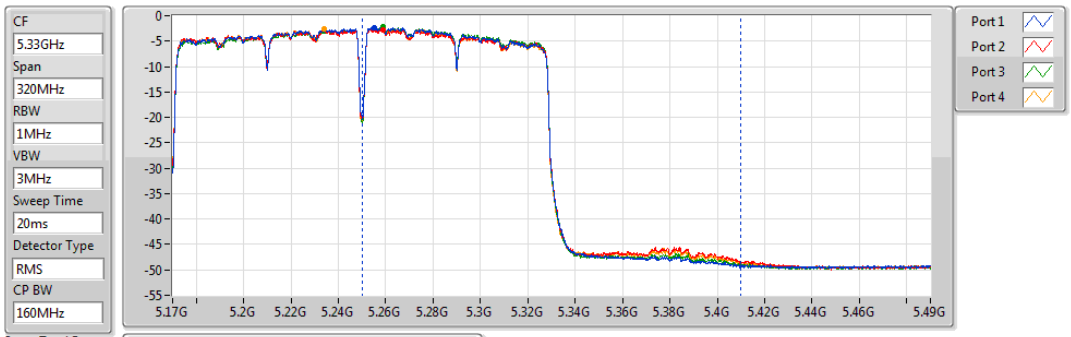


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.28	14.38	14.27	14.07	14.32

802.11ac VHT160-BF_Nss2,(MCS0)_4TX AV Power

5250MHz

29/07/2019

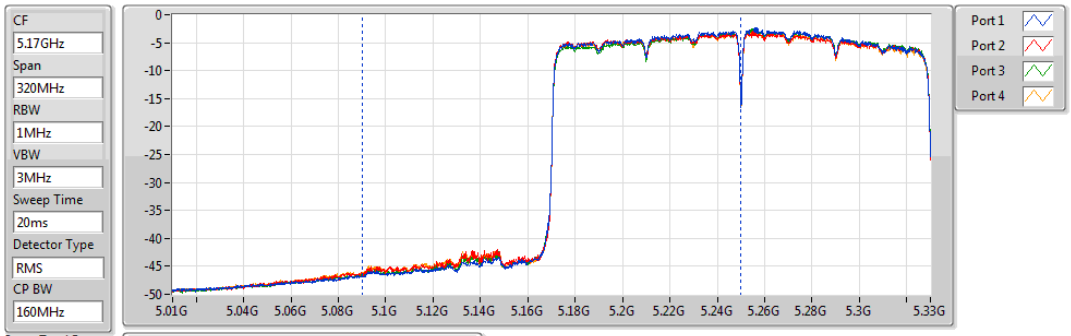


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.36	14.43	14.13	14.56	14.21

802.11ax HEW160-BF_Nss2,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz

29/07/2019

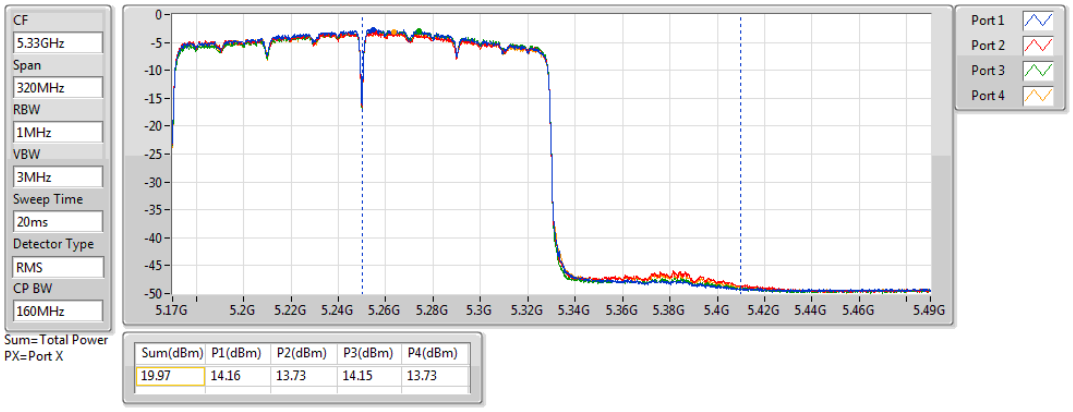


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.91	14.11	13.90	13.64	13.89

802.11ax HEW160-BF_Nss2,(MCS0)_4TX **AV Power**

5250MHz

29/07/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.97	14.16	13.73	14.15	13.73

<non-beamforming mode> 4T3S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss3,(MCS0)_4TX	18.33	0.06808
802.11ax HEW160_Nss3,(MCS0)_4TX	17.45	0.05559
5.25-5.35GHz	-	-
802.11ac VHT160_Nss3,(MCS0)_4TX	18.35	0.06839
802.11ax HEW160_Nss3,(MCS0)_4TX	18.01	0.06324
5.47-5.725GHz	-	-
802.11ac VHT80_Nss3,(MCS0)_4TX	23.91	0.24604
802.11ac VHT160_Nss3,(MCS0)_4TX	21.29	0.13459
802.11ax HEW80_Nss3,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160_Nss3,(MCS0)_4TX	21.27	0.13397

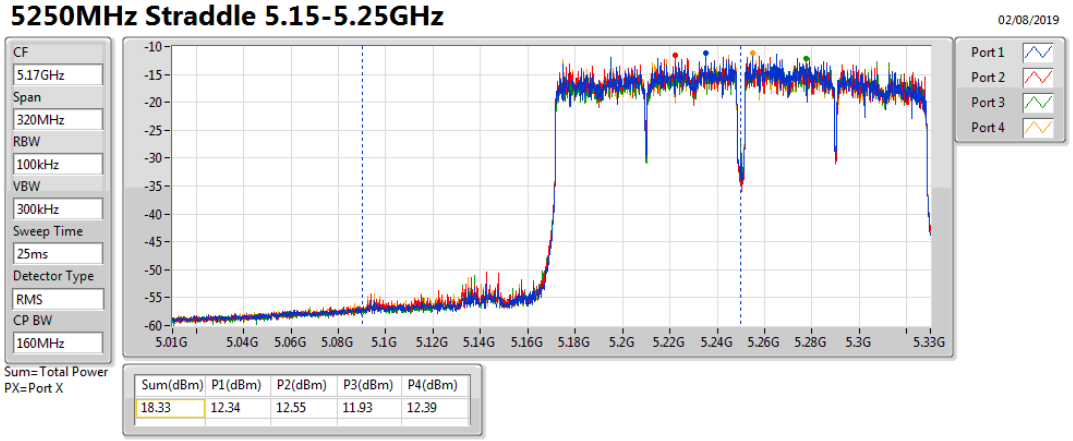
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	17.84	17.89	18.01	17.83	23.91	23.98
802.11ac VHT160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	12.34	12.55	11.93	12.39	18.33	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	12.43	12.26	12.47	12.17	18.35	23.98
5570MHz	Pass	5.10	15.23	15.21	15.43	15.21	21.29	23.98
802.11ax HEW80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	17.98	17.97	17.85	17.92	23.95	23.98
802.11ax HEW160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.80	11.41	11.40	11.27	11.62	17.45	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	12.13	11.70	12.28	11.84	18.01	23.98
5570MHz	Pass	5.10	15.06	15.26	15.29	15.40	21.27	23.98

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

802.11ac VHT160_Nss3,(MCS0)_4TX **AV Power**

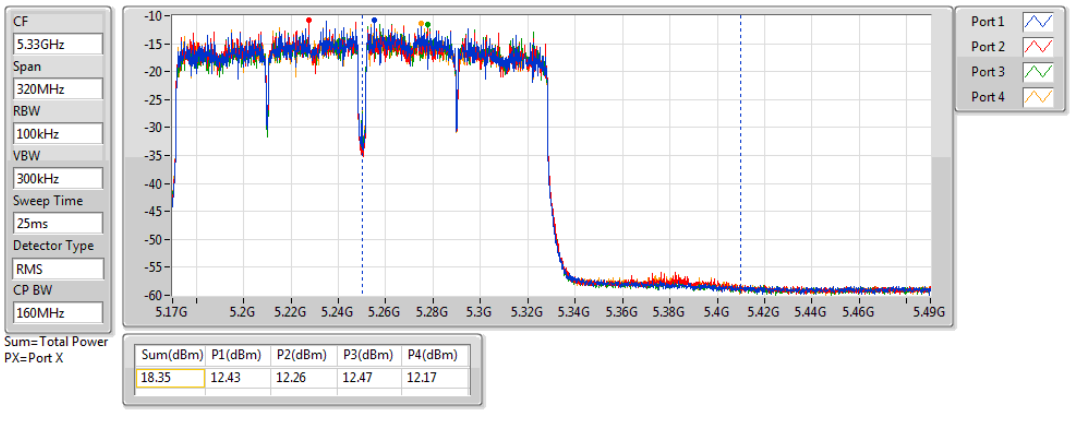
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.33	12.34	12.55	11.93	12.39

802.11ac VHT160_Nss3,(MCS0)_4TX **AV Power**

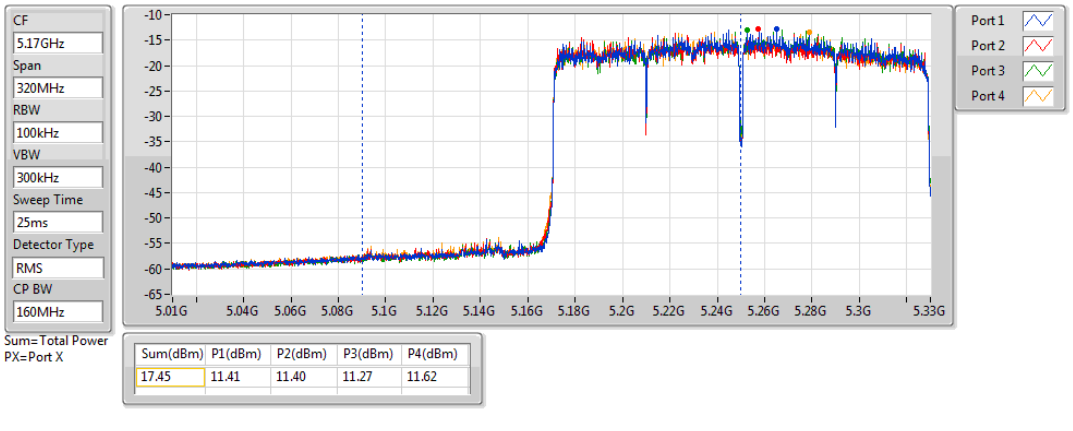
5250MHz Straddle 5.25-5.35GHz



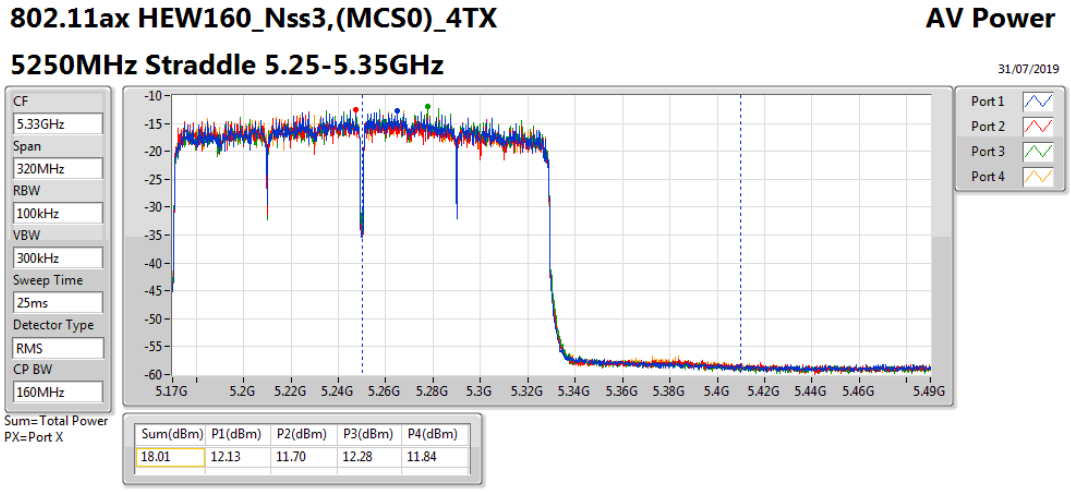
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.35	12.43	12.26	12.47	12.17

802.11ax HEW160_Nss3,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.45	11.41	11.40	11.27	11.62


802.11ax HEW160_Nss3,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
31/07/2019
CF
5.33GHz
Span
320MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
18.01 12.13 11.70 12.28 11.84

<beamforming mode> 4T3S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	20.33	0.10789
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	19.88	0.09727
5.25-5.35GHz	-	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	20.66	0.11641
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	19.97	0.09931
5.47-5.725GHz	-	-
802.11ac VHT80-BF_Nss3,(MCS0)_4TX	23.91	0.24604
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	22.69	0.18578
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	22.52	0.17865

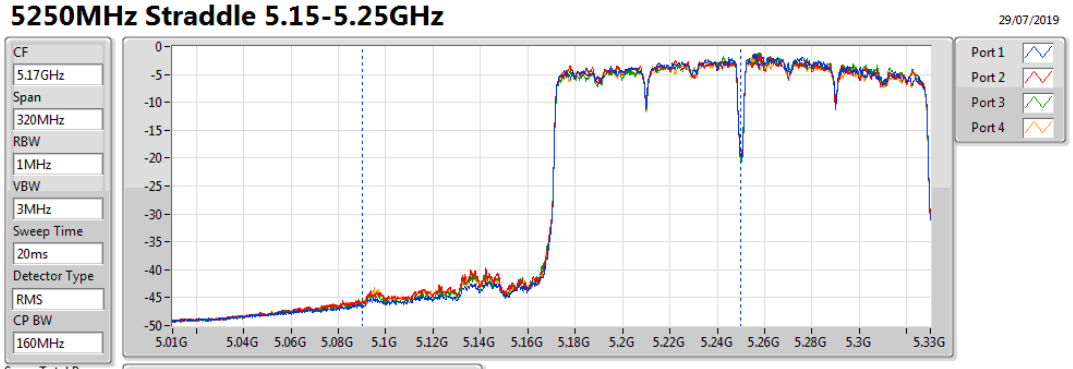
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.30	17.84	17.89	18.01	17.83	23.91	23.98
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.80	14.47	14.43	14.16	14.17	20.33	30.00
5250MHz	Pass	2.80	14.76	14.37	15.03	14.36	20.66	23.98
5570MHz	Pass	4.30	16.45	16.71	16.92	16.59	22.69	23.98
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.30	17.98	17.97	17.85	17.92	23.95	23.98
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.80	13.99	13.87	13.67	13.92	19.88	30.00
5250MHz	Pass	2.80	14.15	13.70	14.15	13.77	19.97	23.98
5570MHz	Pass	4.30	16.46	16.39	16.67	16.49	22.52	23.98

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

802.11ac VHT160-BF_Nss3,(MCS0)_4TX **AV Power**

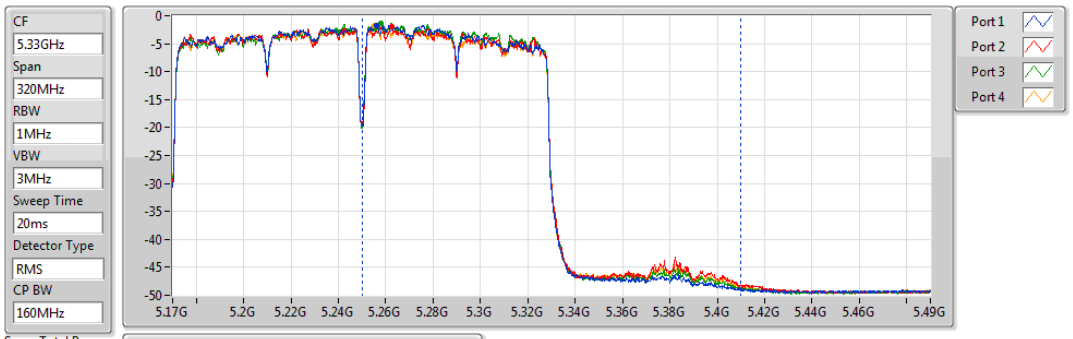
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.33	14.47	14.43	14.16	14.17

802.11ac VHT160-BF_Nss3,(MCS0)_4TX **AV Power**

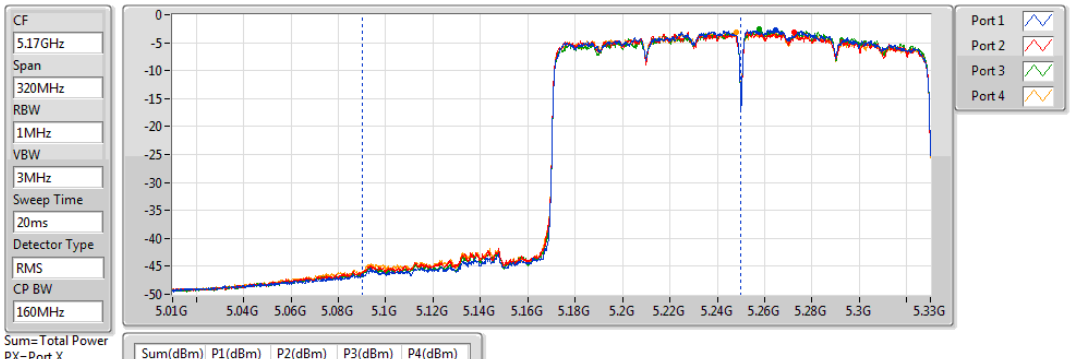
5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.66	14.76	14.37	15.03	14.36

802.11ax HEW160-BF_Nss3,(MCS0)_4TX **AV Power**

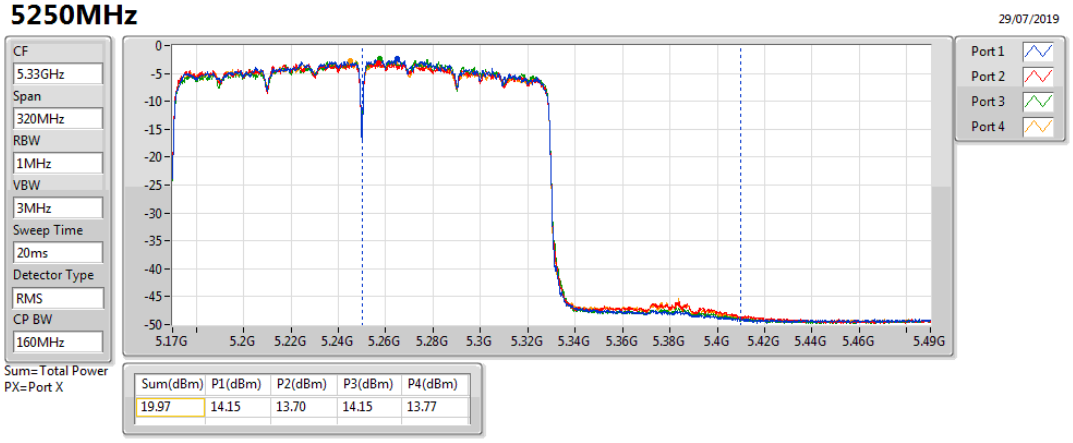
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.88	13.99	13.87	13.67	13.92

802.11ax HEW160-BF_Nss3,(MCS0)_4TX **AV Power**

5250MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.97	14.15	13.70	14.15	13.77

<non-beamforming mode> 4T1S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-0.78
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.24
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ac VHT20_Nss1,(MCS0)_4TX	10.47
802.11ac VHT40_Nss1,(MCS0)_4TX	7.56
802.11ac VHT80_Nss1,(MCS0)_4TX	4.98
802.11ac VHT160_Nss1,(MCS0)_4TX	-0.48
802.11ax HEW20_Nss1,(MCS0)_4TX	10.14
802.11ax HEW40_Nss1,(MCS0)_4TX	7.51
802.11ax HEW80_Nss1,(MCS0)_4TX	4.74
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.09
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.94
802.11ac VHT20_Nss1,(MCS0)_4TX	10.61
802.11ac VHT40_Nss1,(MCS0)_4TX	7.90
802.11ac VHT80_Nss1,(MCS0)_4TX	5.10
802.11ac VHT160_Nss1,(MCS0)_4TX	1.02
802.11ax HEW20_Nss1,(MCS0)_4TX	10.31
802.11ax HEW40_Nss1,(MCS0)_4TX	8.05
802.11ax HEW80_Nss1,(MCS0)_4TX	5.07
802.11ax HEW160_Nss1,(MCS0)_4TX	1.26
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.13
802.11ac VHT20_Nss1,(MCS0)_4TX	9.10
802.11ac VHT40_Nss1,(MCS0)_4TX	6.32
802.11ac VHT80_Nss1,(MCS0)_4TX	2.41
802.11ax HEW20_Nss1,(MCS0)_4TX	8.76
802.11ax HEW40_Nss1,(MCS0)_4TX	6.31
802.11ax HEW80_Nss1,(MCS0)_4TX	2.76

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

Result

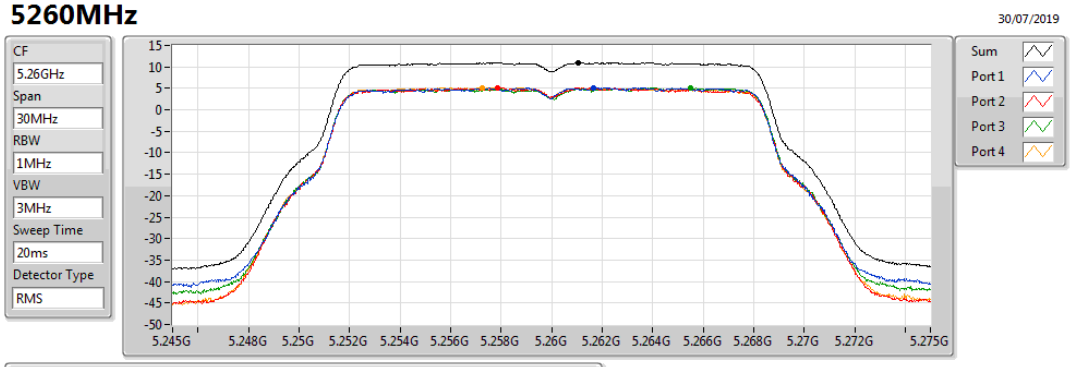
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	5.12	5.16	5.08	5.16	10.98	11.00
5300MHz	Pass	4.20	5.06	5.15	4.75	5.08	10.95	11.00
5320MHz	Pass	4.20	4.72	5.39	4.60	5.01	10.80	11.00
5500MHz	Pass	5.10	5.22	5.03	4.85	5.04	10.91	11.00
5580MHz	Pass	5.10	5.00	4.99	5.04	4.93	10.94	11.00
5700MHz	Pass	5.10	4.83	5.01	4.98	5.20	10.88	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	4.58	4.58	4.59	4.88	10.62	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.92	3.20	3.15	3.60	9.13	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	4.37	4.32	4.53	4.32	10.30	11.00
5300MHz	Pass	4.20	4.32	4.37	4.50	4.35	10.28	11.00
5320MHz	Pass	4.20	4.48	4.69	4.56	4.53	10.47	11.00
5500MHz	Pass	5.10	4.51	4.47	4.28	4.39	10.33	11.00
5580MHz	Pass	5.10	4.33	4.29	4.72	4.48	10.37	11.00
5700MHz	Pass	5.10	4.37	4.47	4.51	4.65	10.43	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	4.52	4.62	4.73	4.85	10.61	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.95	3.09	3.16	3.35	9.10	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	1.79	1.54	1.60	1.67	7.54	11.00
5310MHz	Pass	4.20	1.70	1.67	1.68	1.72	7.56	11.00
5510MHz	Pass	5.10	1.55	1.67	1.44	1.48	7.45	11.00
5550MHz	Pass	5.10	1.57	1.35	1.78	1.65	7.56	11.00
5670MHz	Pass	5.10	1.50	1.48	1.60	1.80	7.53	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	1.87	1.84	2.09	1.95	7.90	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	0.13	0.26	0.33	0.73	6.32	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	-0.78	-1.10	-0.88	-0.74	4.98	11.00
5530MHz	Pass	5.10	-0.74	-0.67	-0.70	-1.00	5.10	11.00
5610MHz	Pass	5.10	-1.29	-1.57	-1.54	-1.38	4.44	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	-1.14	-1.17	-1.32	-0.93	4.79	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-4.07	-3.32	-3.81	-2.81	2.41	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-6.43	-6.59	-7.05	-6.39	-0.78	17.00
5250MHz	Pass	4.20	-6.31	-6.49	-6.57	-6.13	-0.48	11.00
5570MHz	Pass	5.10	-4.84	-5.08	-4.46	-4.99	1.02	11.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	4.19	4.05	4.39	4.13	10.10	11.00
5300MHz	Pass	4.20	4.02	4.09	4.16	4.09	10.01	11.00
5320MHz	Pass	4.20	4.15	4.40	4.07	4.22	10.14	11.00
5500MHz	Pass	5.10	4.36	4.33	4.14	4.21	10.18	11.00
5580MHz	Pass	5.10	3.99	4.02	4.28	4.17	10.04	11.00
5700MHz	Pass	5.10	2.99	2.97	3.08	3.20	8.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	4.21	4.34	4.35	4.54	10.31	11.00

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)
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.61	2.77	2.66	3.12	8.76	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	1.61	1.48	1.65	1.58	7.46	11.00
5310MHz	Pass	4.20	1.63	1.59	1.52	1.78	7.51	11.00
5510MHz	Pass	5.10	1.72	1.69	1.68	1.57	7.62	11.00
5550MHz	Pass	5.10	1.45	1.36	1.56	1.50	7.40	11.00
5670MHz	Pass	5.10	1.23	1.04	1.18	1.27	7.10	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	2.10	2.13	2.15	2.26	8.05	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	0.06	0.31	0.23	0.62	6.31	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	-1.16	-1.30	-0.97	-1.15	4.74	11.00
5530MHz	Pass	5.10	-1.26	-0.93	-0.66	-1.27	5.00	11.00
5610MHz	Pass	5.10	-1.38	-1.73	-1.45	-1.22	4.45	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	-0.72	-0.95	-0.80	-0.41	5.07	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-3.69	-3.05	-3.48	-2.40	2.76	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-5.96	-6.19	-6.51	-6.12	-0.24	17.00
5250MHz	Pass	4.20	-5.96	-5.99	-5.99	-5.92	-0.09	11.00
5570MHz	Pass	5.10	-4.31	-5.22	-4.40	-4.82	1.26	11.00

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

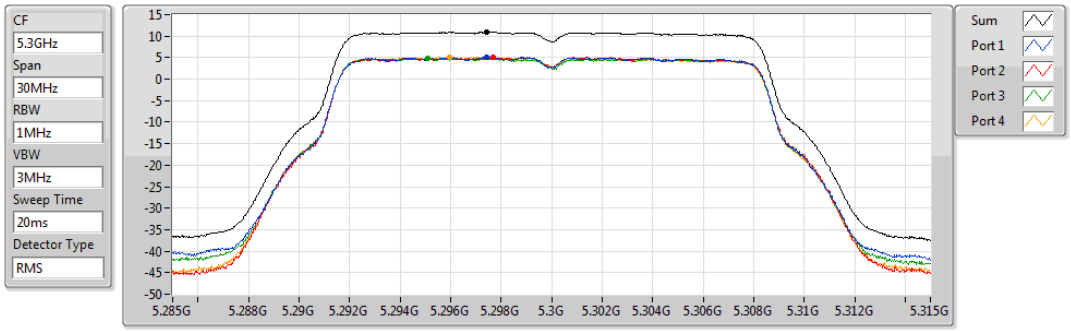
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.12	5.16	5.08	5.16

802.11a_Nss1,(6Mbps)_4TX PSD

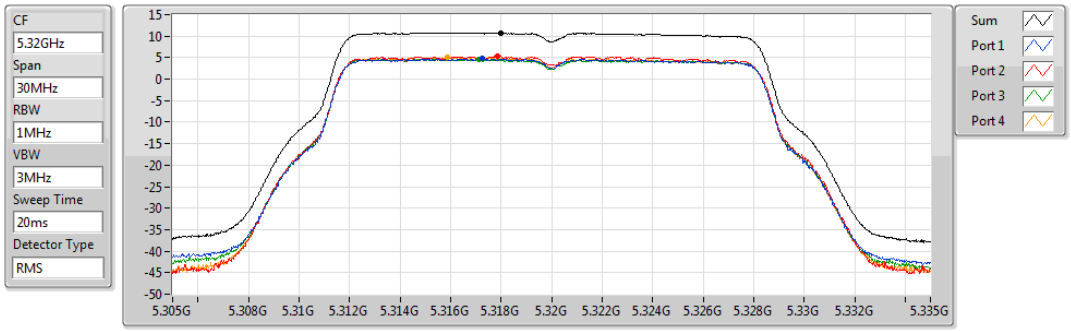
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	5.06	5.15	4.75	5.08

802.11a_Nss1,(6Mbps)_4TX PSD

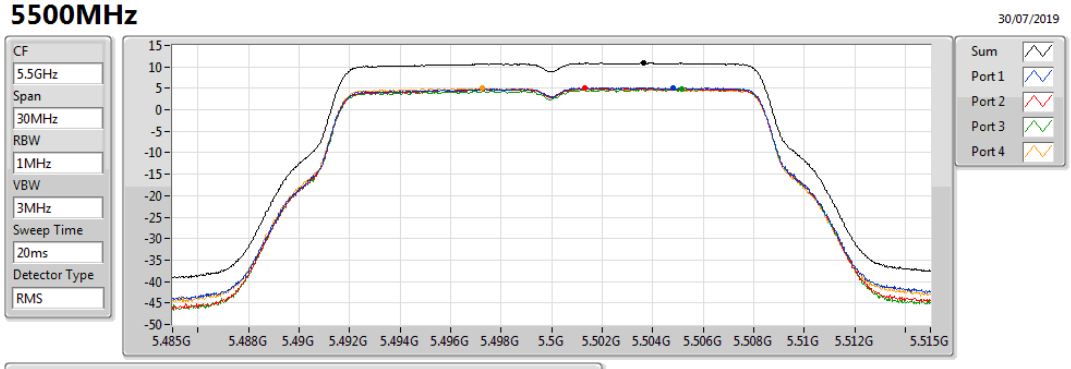
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.72	5.39	4.60	5.01

802.11a_Nss1,(6Mbps)_4TX PSD

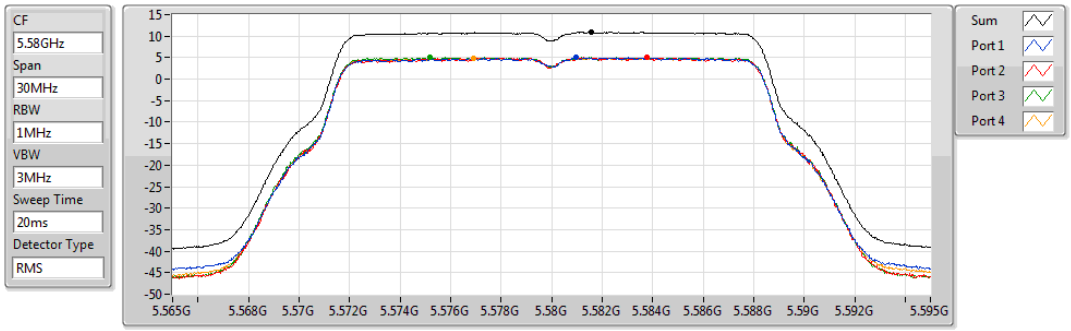
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	5.22	5.03	4.85	5.04

802.11a_Nss1,(6Mbps)_4TX PSD

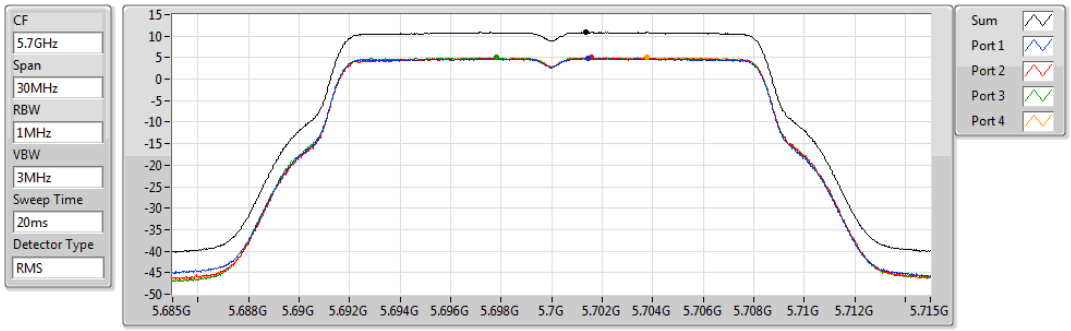
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.00	4.99	5.04	4.93

802.11a_Nss1,(6Mbps)_4TX PSD

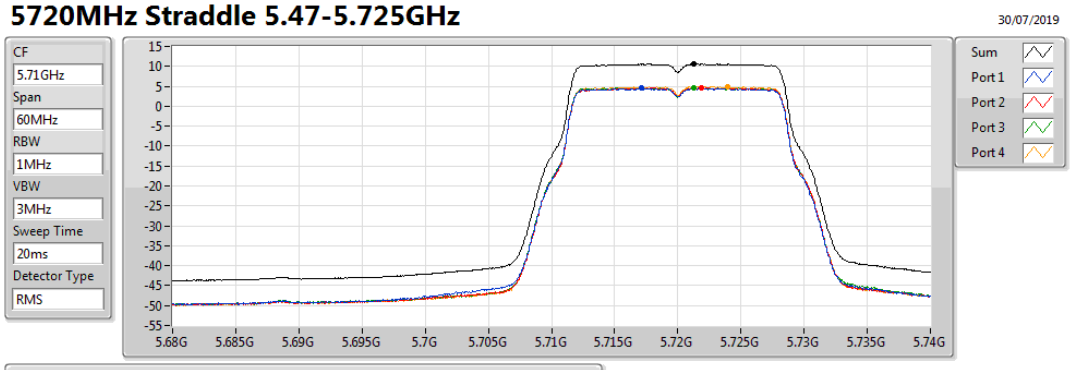
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	4.83	5.01	4.98	5.20

802.11a_Nss1,(6Mbps)_4TX PSD

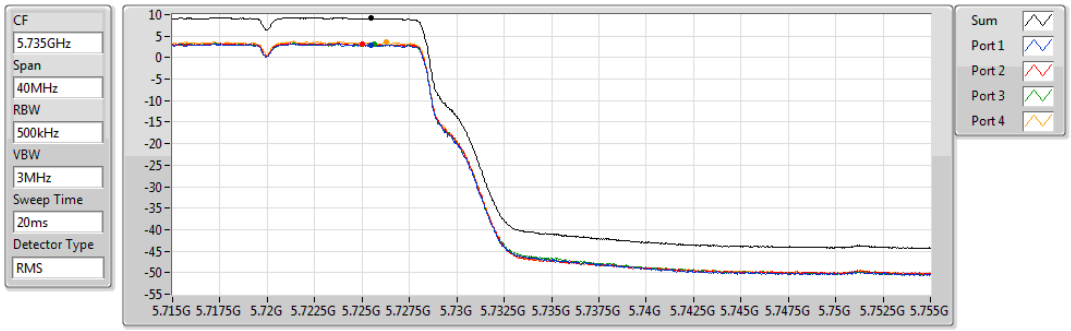
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.58	4.58	4.59	4.88

802.11a_Nss1,(6Mbps)_4TX PSD

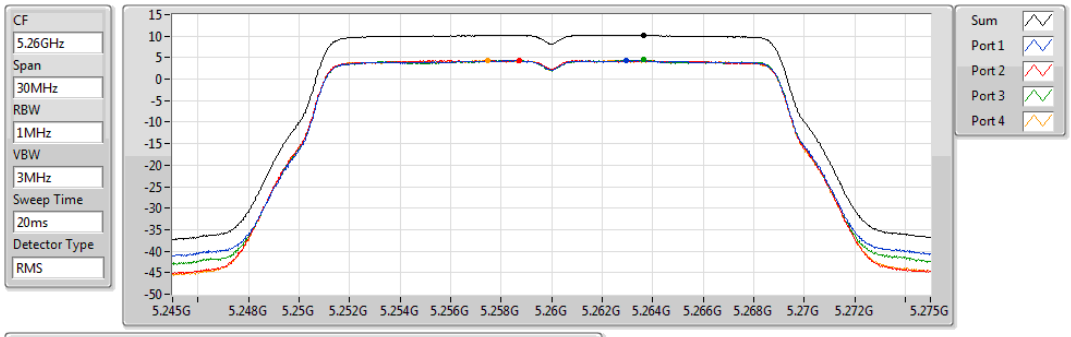
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	2.92	3.20	3.15	3.60

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

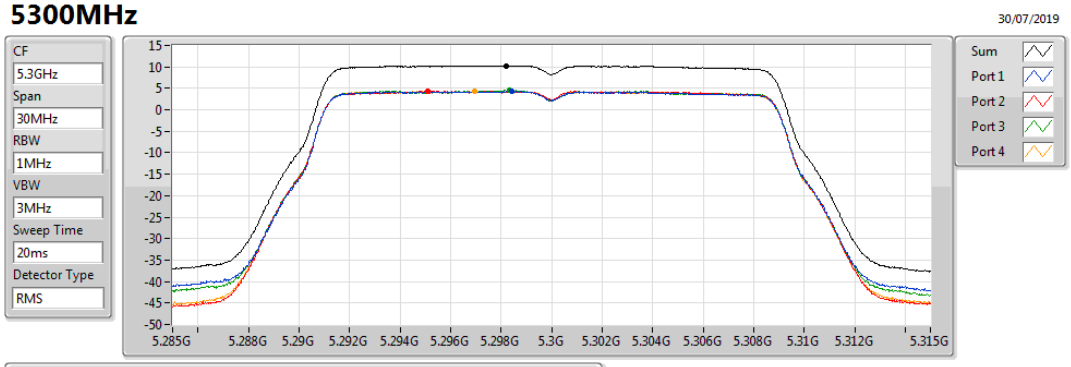
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.37	4.32	4.53	4.32

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

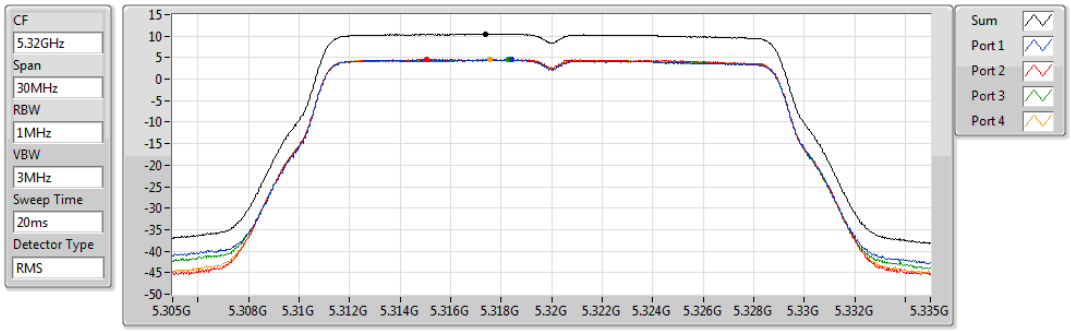
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	4.32	4.37	4.50	4.35

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

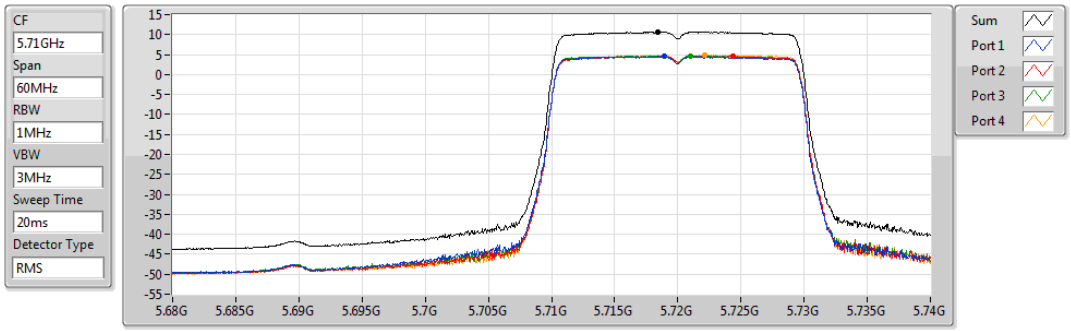
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.47	10.47	4.48	4.69	4.56	4.53

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

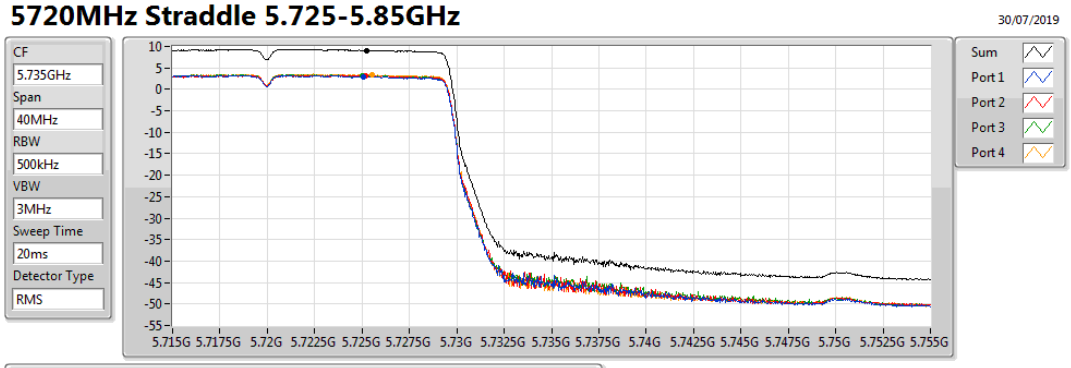
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	4.52	4.62	4.73	4.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

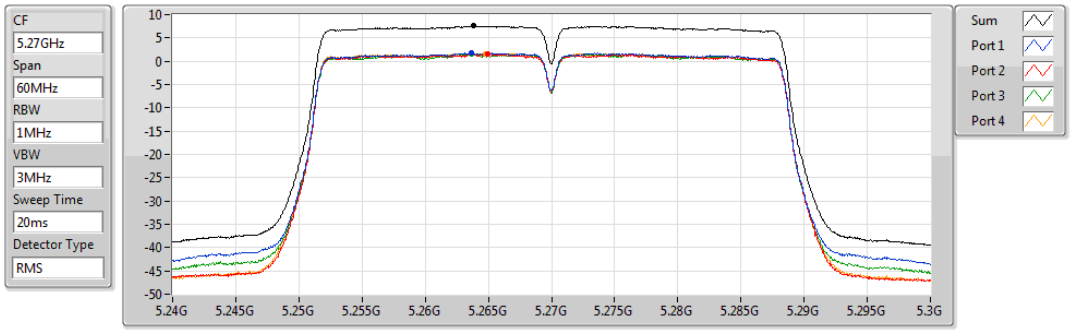
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.10	9.10	2.95	3.09	3.16	3.35

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

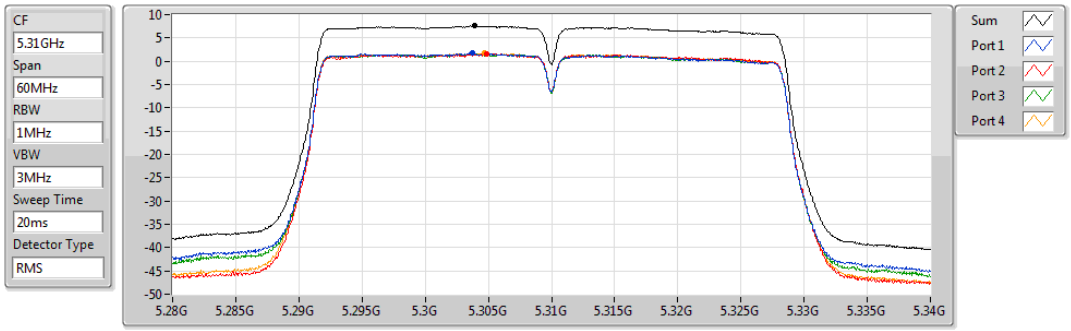
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.79	1.54	1.60	1.67

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

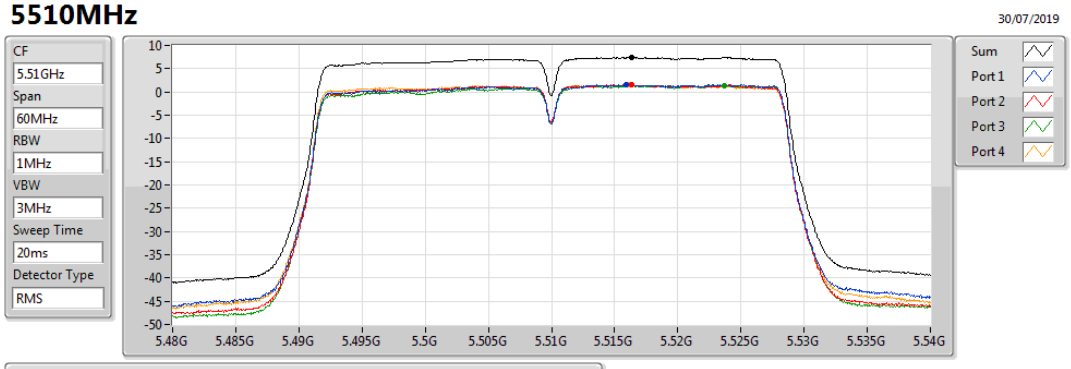
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	1.70	1.67	1.68	1.72

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

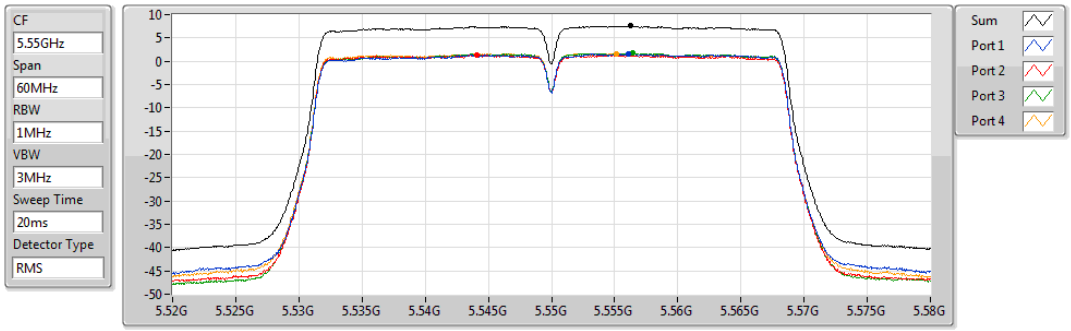
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	1.55	1.67	1.44	1.48

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

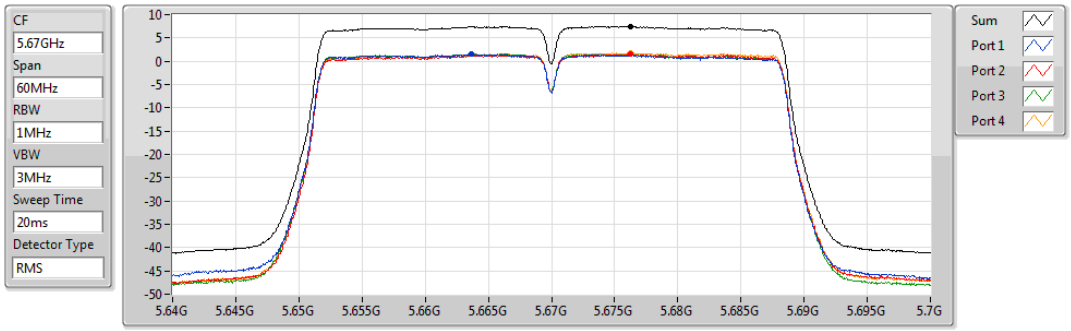
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	1.57	1.35	1.78	1.65

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

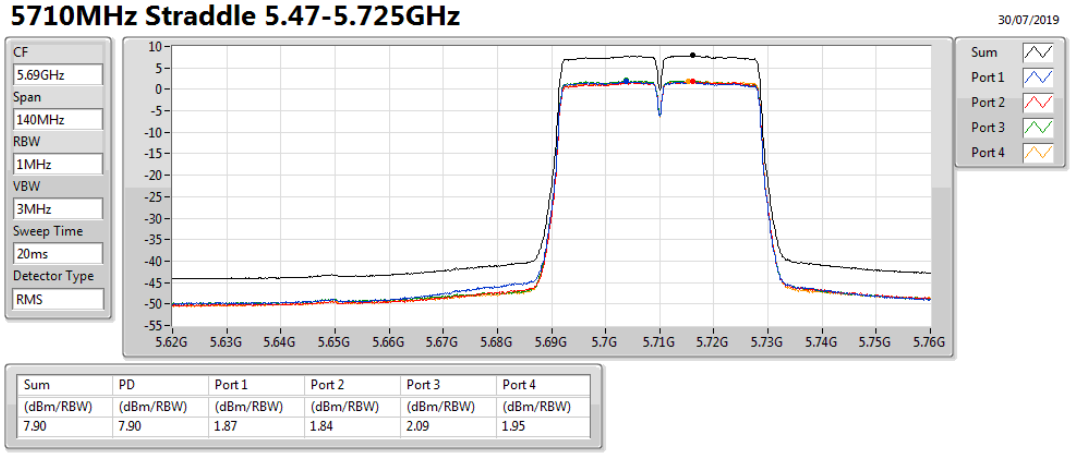
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	1.50	1.48	1.60	1.80

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

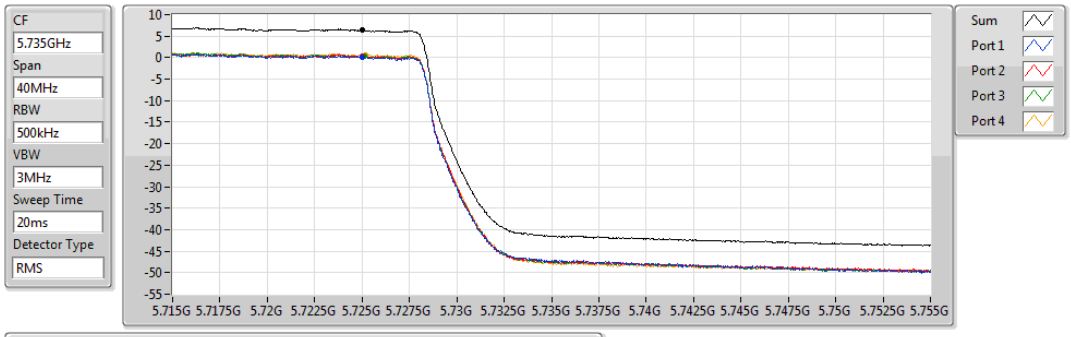
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	1.87	1.84	2.09	1.95

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

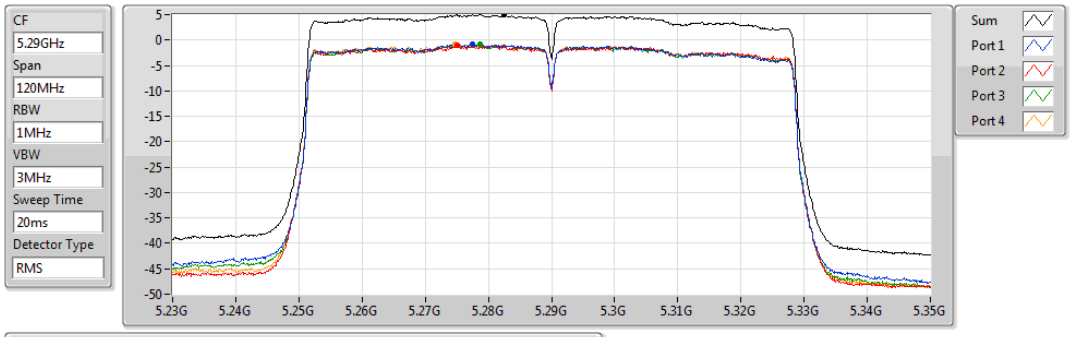
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	0.13	0.26	0.33	0.73

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

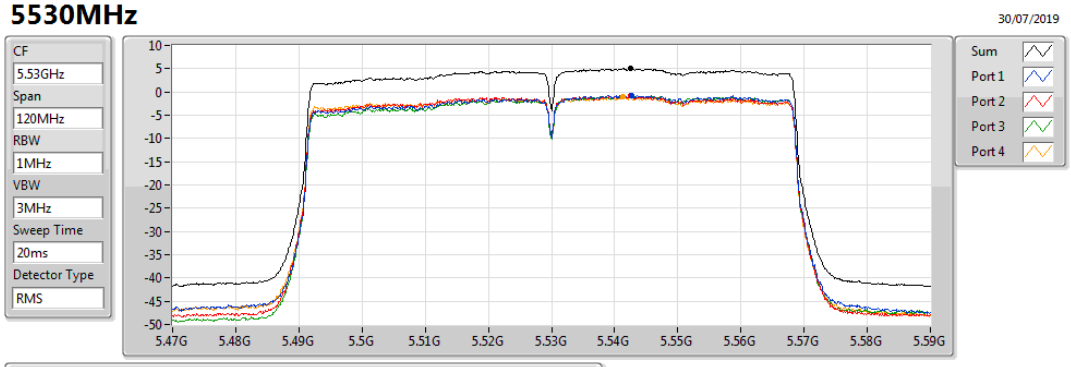
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	-0.78	-1.10	-0.88	-0.74

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

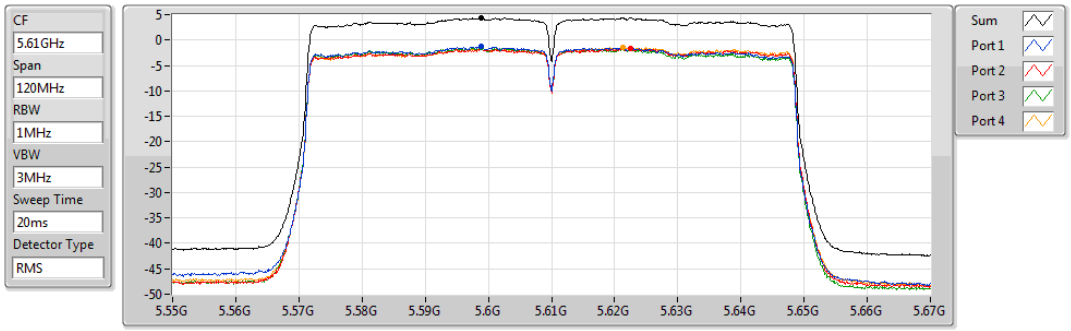
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	-0.74	-0.67	-0.70	-1.00

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

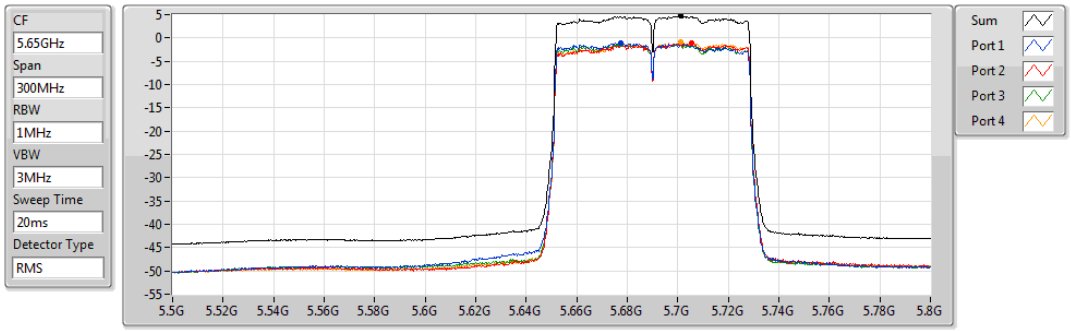
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	-1.29	-1.57	-1.54	-1.38

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

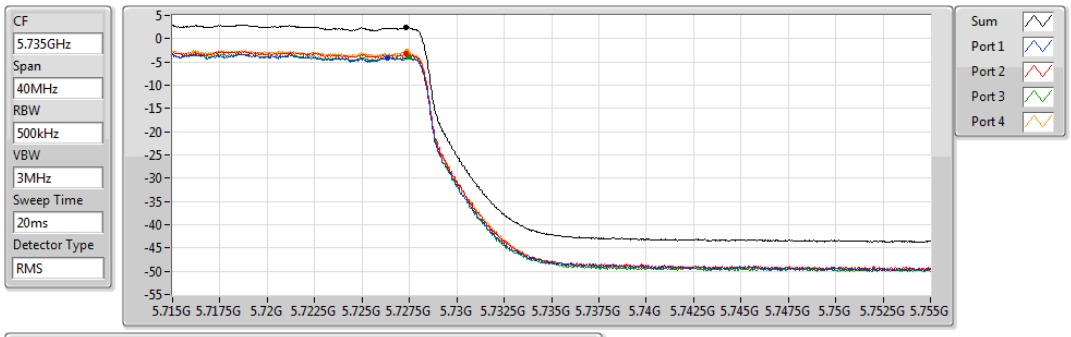


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-1.14	-1.17	-1.32	-0.93

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

30/07/2019

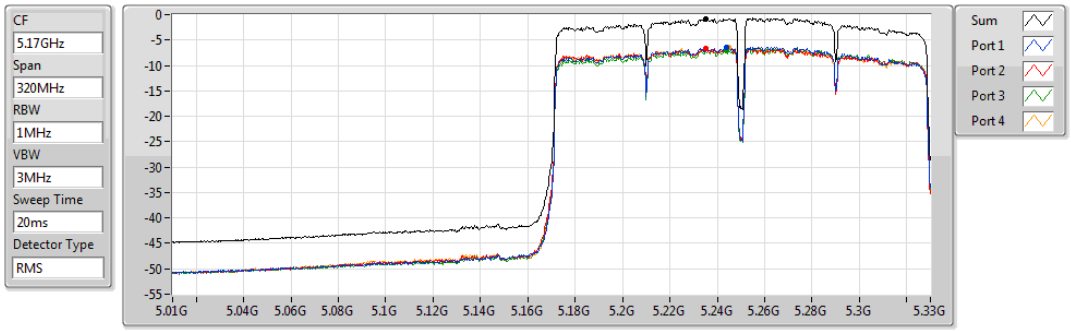


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.41	2.41	-4.07	-3.32	-3.81	-2.81

802.11ac VHT160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

02/08/2019

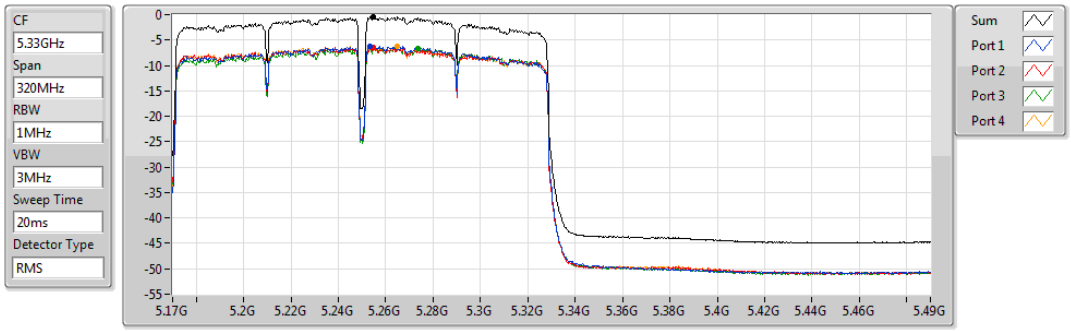


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-6.43	-6.59	-7.05	-6.39

802.11ac VHT160_Nss1,(MCS0)_4TX PSD

5250MHz

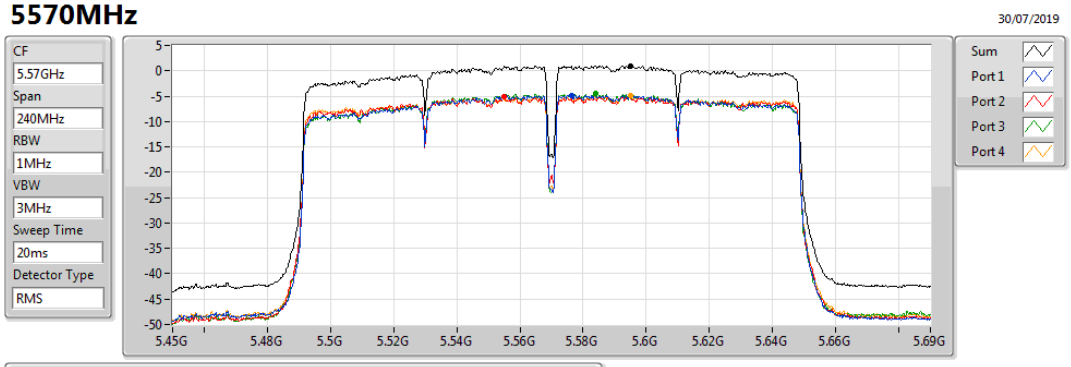
02/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-6.31	-6.49	-6.57	-6.13

802.11ac VHT160_Nss1,(MCS0)_4TX PSD

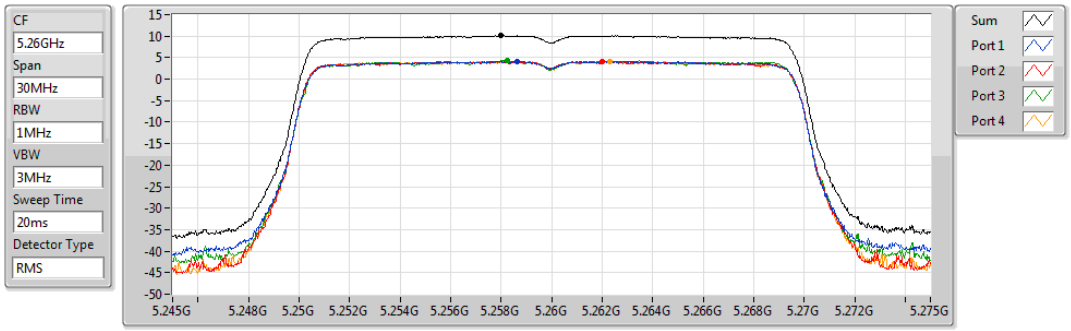
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.02	1.02	-4.84	-5.08	-4.46	-4.99

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

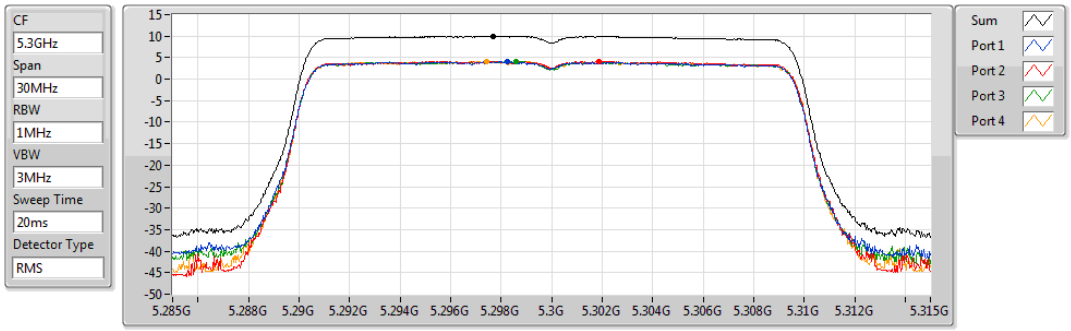
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	4.19	4.05	4.39	4.13

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

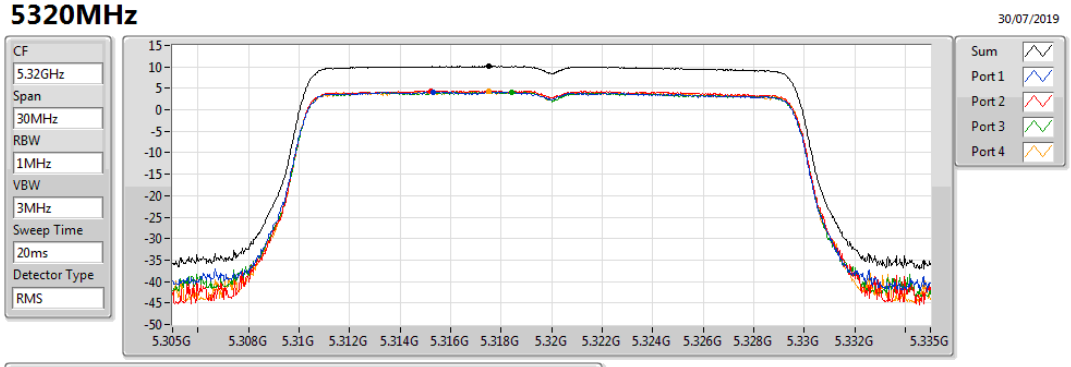
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	4.02	4.09	4.16	4.09

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

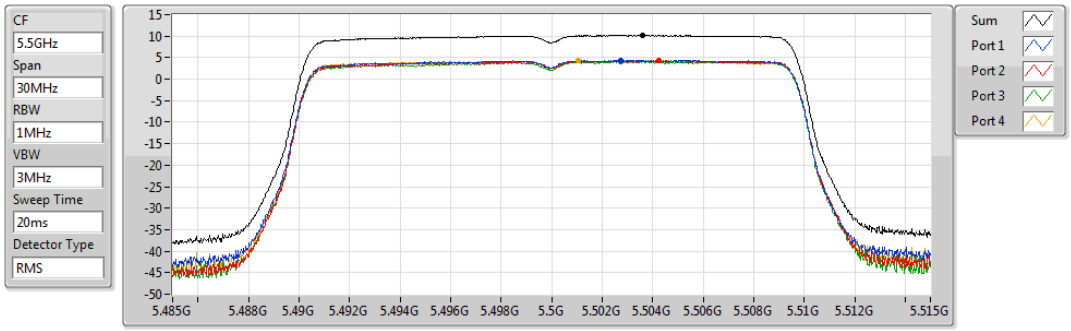
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	4.15	4.40	4.07	4.22

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

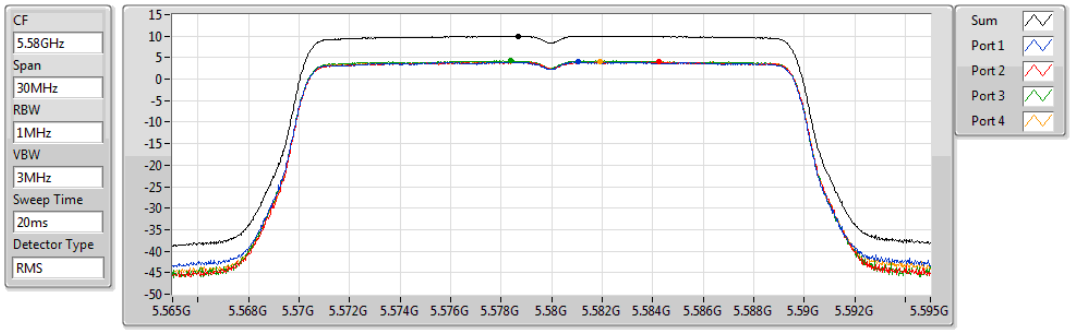
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.36	4.33	4.14	4.21

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

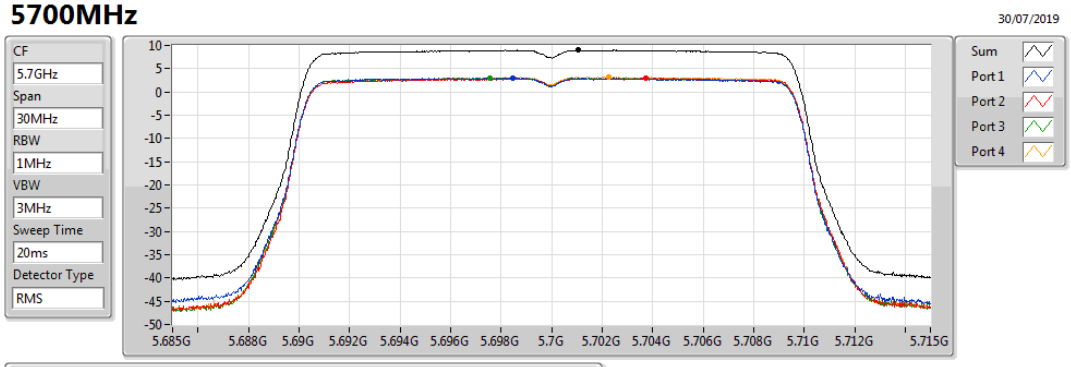
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	3.99	4.02	4.28	4.17

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

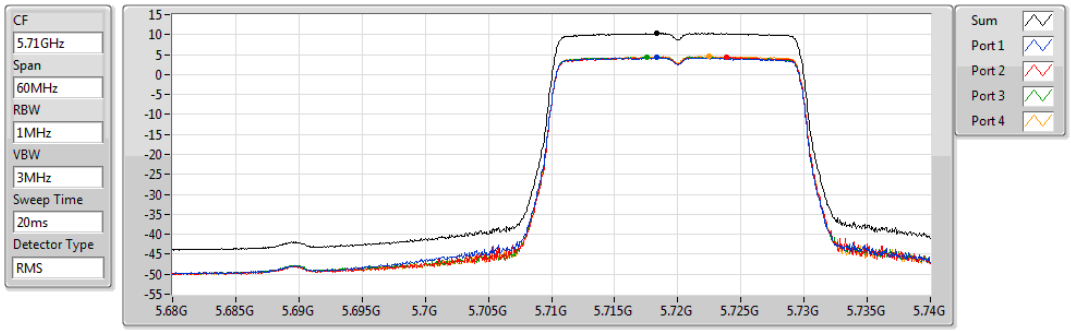
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	2.99	2.97	3.08	3.20

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

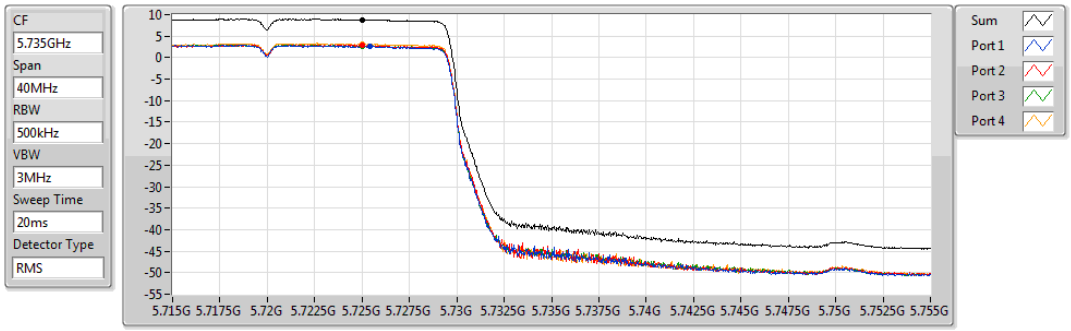
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.21	4.34	4.35	4.54

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

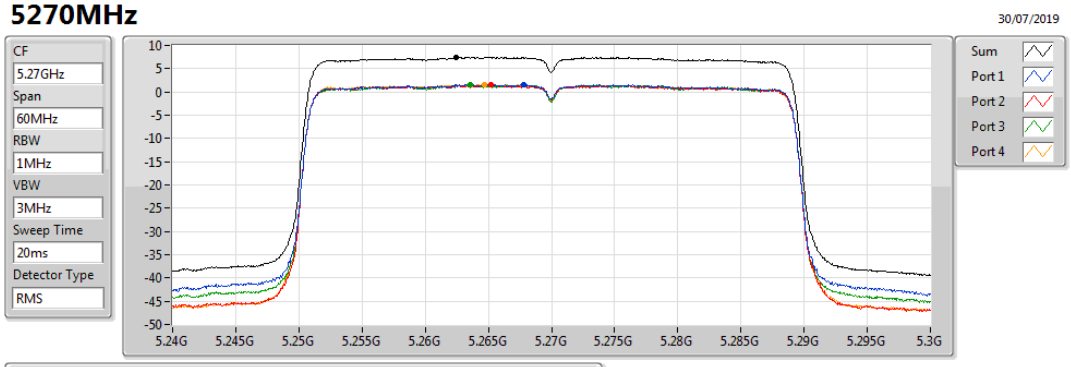
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	2.61	2.77	2.66	3.12

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

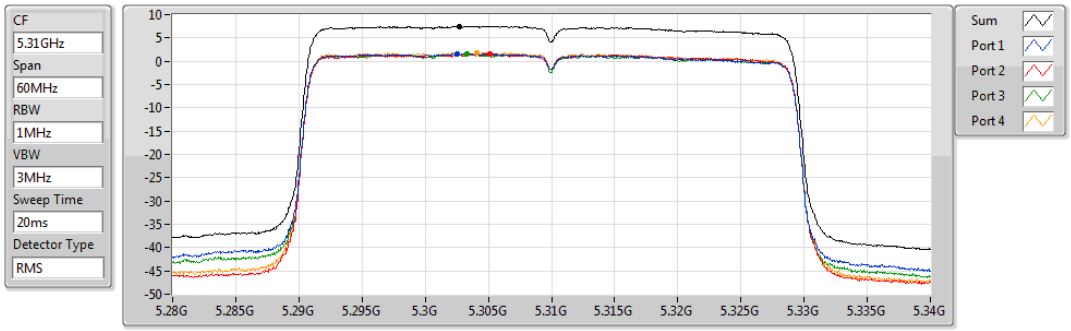
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	1.61	1.48	1.65	1.58

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

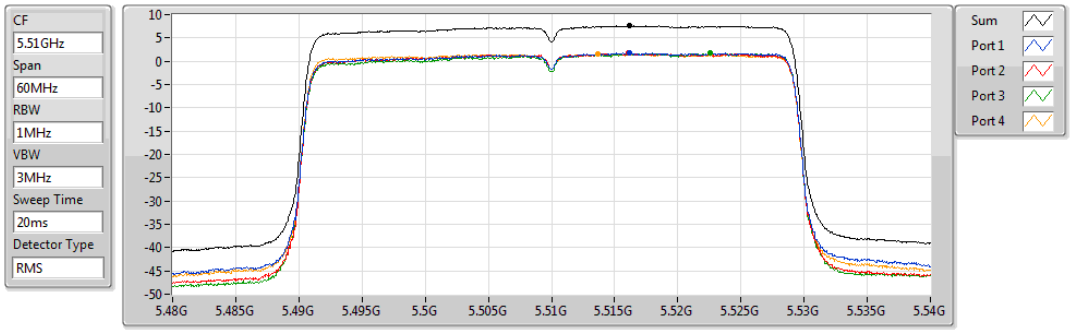
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	1.63	1.59	1.52	1.78

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

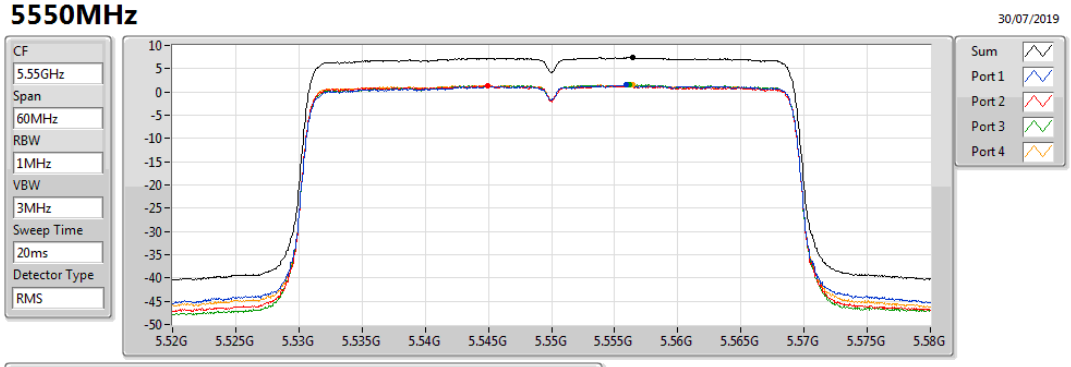
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	1.72	1.69	1.68	1.57

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

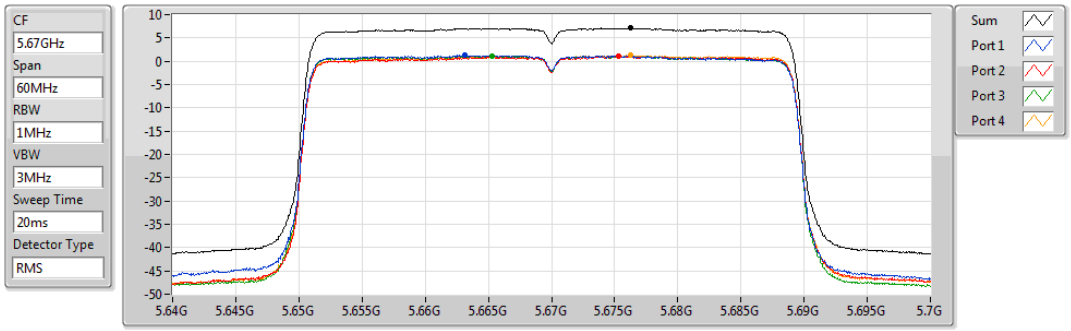
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	1.45	1.36	1.56	1.50

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

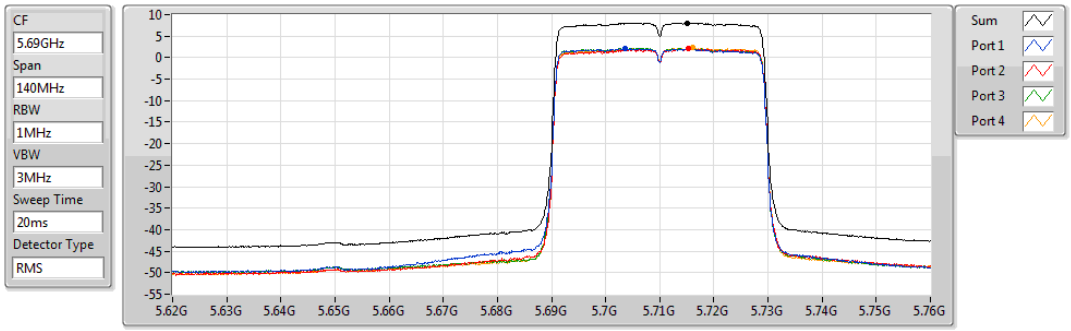
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.23	1.04	1.18	1.27

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

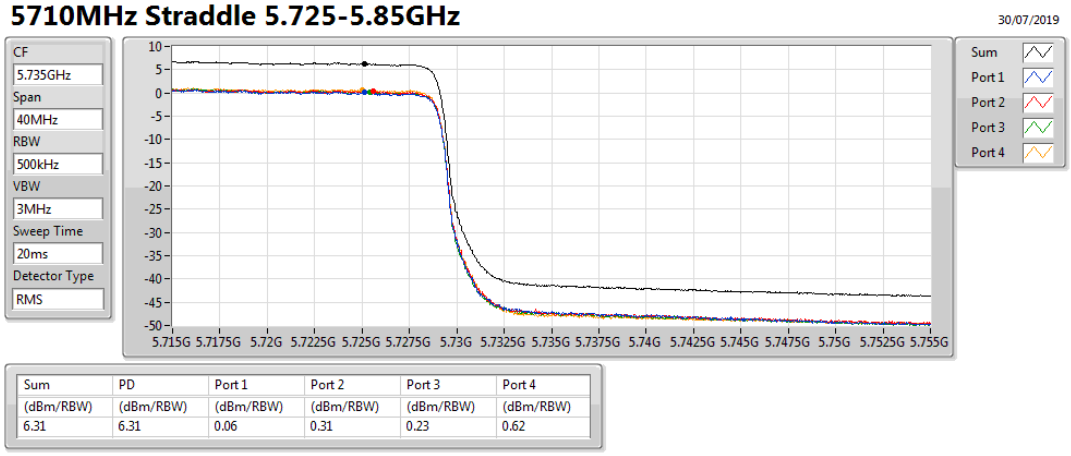
5710MHz Straddle 5.47-5.725GHz



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	2.10	2.13	2.15	2.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

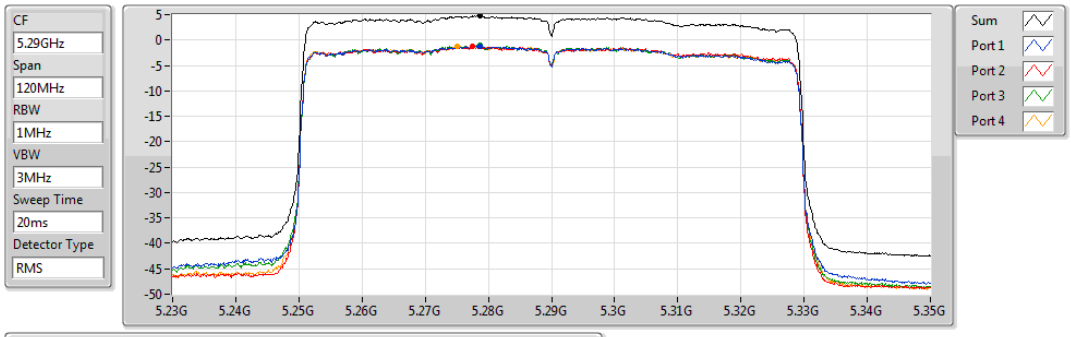
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	0.06	0.31	0.23	0.62

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

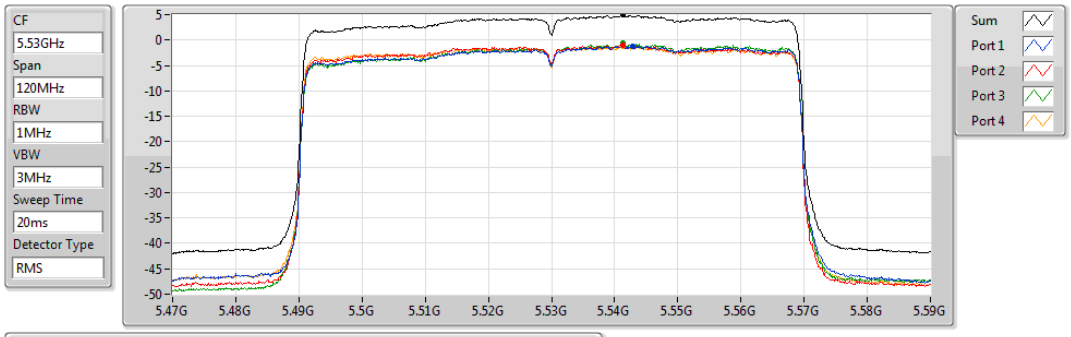
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-1.16	-1.30	-0.97	-1.15

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

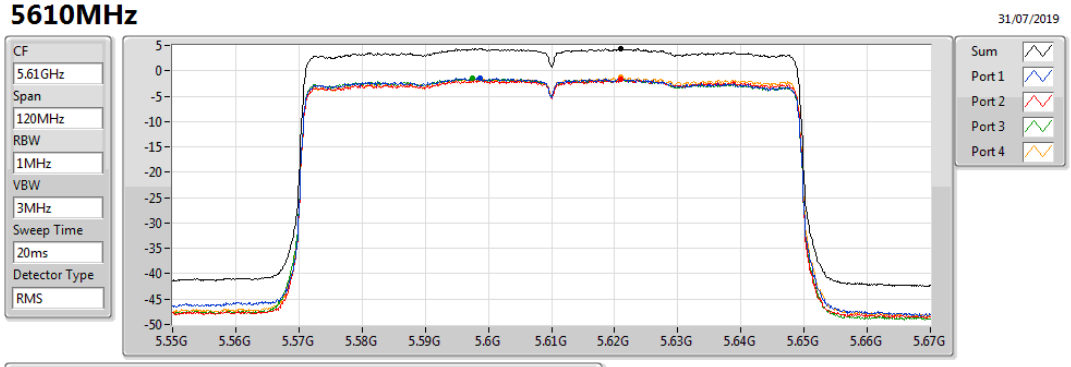
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	-1.26	-0.93	-0.66	-1.27

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

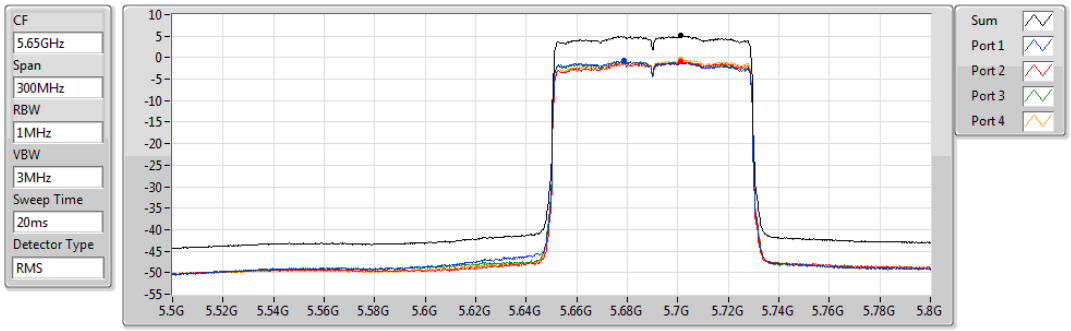
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.45	4.45	-1.38	-1.73	-1.45	-1.22

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

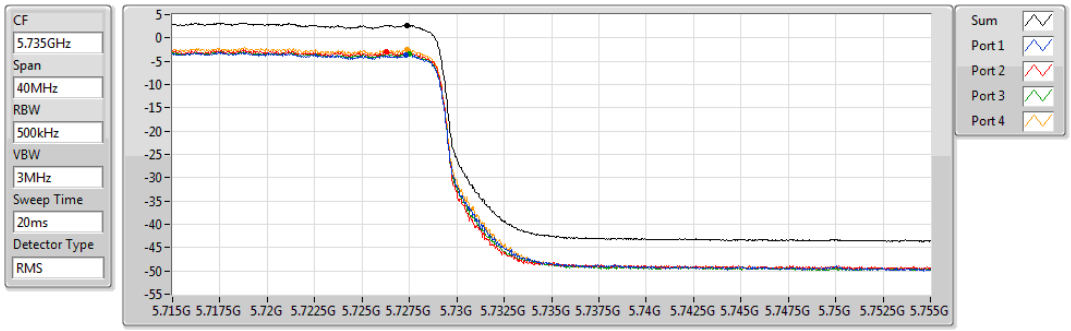
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	-0.72	-0.95	-0.80	-0.41

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

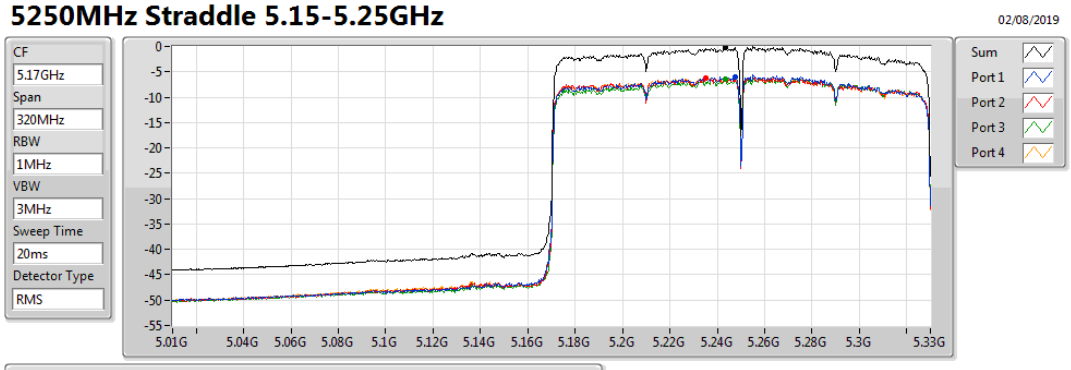
5690MHz Straddle 5.725-5.85GHz



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	-3.69	-3.05	-3.48	-2.40

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

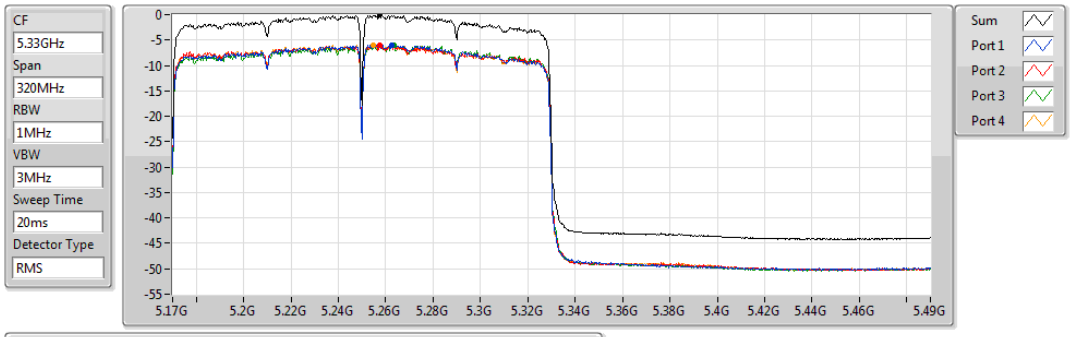
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.24	-0.24	-5.96	-6.19	-6.51	-6.12

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

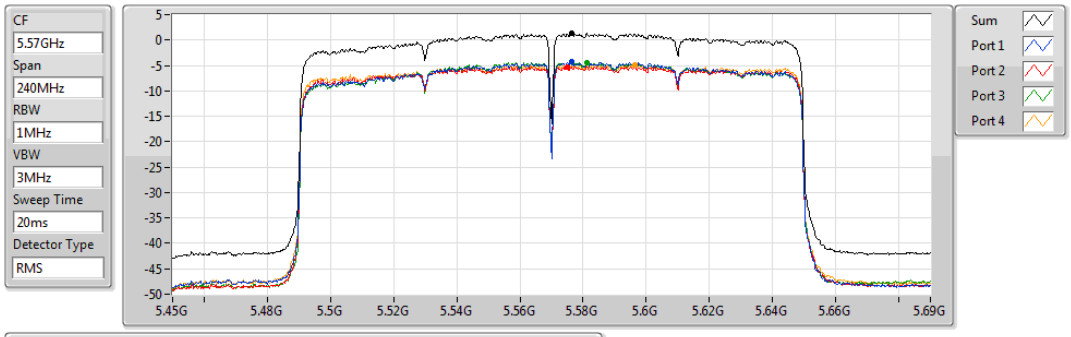
5250MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-5.96	-5.99	-5.99	-5.92

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-4.31	-5.22	-4.40	-4.82

<beamforming mode> 4T1S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	1.45
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.37
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	10.44
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.54
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.93
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	1.67
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.42
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.73
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.65
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	10.51
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.94
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.91
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	0.70
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.92
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.36
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.02
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.08
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.53
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.16
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.61

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

Result

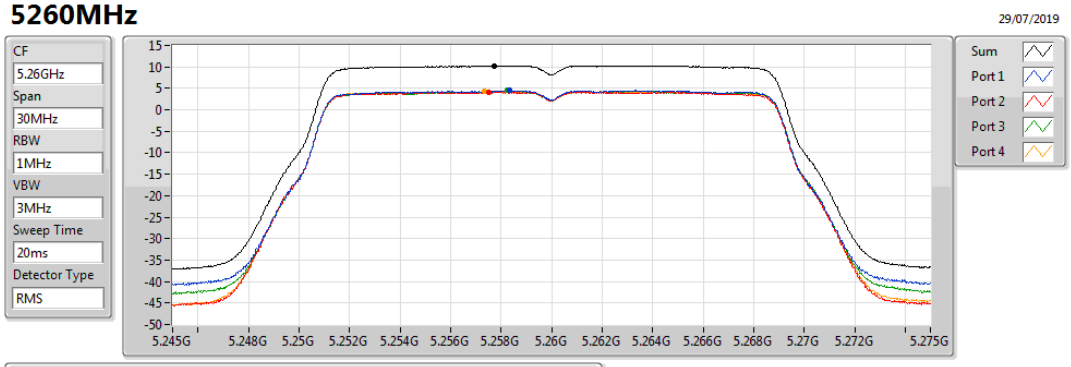
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	4.53	4.16	4.47	4.40	10.30	11.00
5300MHz	Pass	4.20	4.37	4.23	4.27	4.37	10.27	11.00
5320MHz	Pass	4.20	4.23	4.57	4.45	4.64	10.44	11.00
5500MHz	Pass	5.10	4.54	4.52	4.23	4.27	10.28	11.00
5580MHz	Pass	5.10	4.27	4.39	4.58	4.35	10.36	11.00
5700MHz	Pass	5.10	4.24	4.34	4.40	4.64	10.36	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	4.49	4.47	4.62	4.77	10.51	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.98	2.93	3.09	3.33	9.02	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	1.78	1.39	1.49	1.68	7.50	11.00
5310MHz	Pass	4.20	1.56	1.45	1.52	1.77	7.54	11.00
5510MHz	Pass	5.10	0.27	0.16	0.21	0.11	6.14	11.00
5550MHz	Pass	5.10	1.78	1.53	1.87	1.66	7.64	11.00
5670MHz	Pass	5.10	1.38	1.25	1.57	1.65	7.33	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	2.01	1.95	2.03	2.08	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	-0.14	0.22	0.09	0.37	6.08	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	-1.10	-1.18	-1.06	-0.91	4.93	11.00
5530MHz	Pass	5.10	-0.89	-1.30	-0.84	-1.26	4.91	11.00
5610MHz	Pass	5.10	-1.34	-1.74	-1.10	-1.19	4.49	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	-1.01	-1.28	-1.19	-0.90	4.80	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-3.79	-3.40	-3.74	-2.53	2.53	30.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-4.48	-4.74	-4.66	-4.41	1.45	17.00
5250MHz	Pass	4.20	-4.05	-4.59	-4.21	-4.50	1.67	11.00
5570MHz	Pass	5.10	-4.95	-5.42	-4.96	-5.52	0.70	11.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.20	4.12	4.08	4.07	4.18	10.05	11.00
5300MHz	Pass	4.20	3.90	4.11	4.04	4.08	9.96	11.00
5320MHz	Pass	4.20	4.06	4.43	4.06	4.11	10.10	11.00
5500MHz	Pass	5.10	4.34	4.22	4.06	4.11	10.11	11.00
5580MHz	Pass	5.10	4.00	3.83	4.25	4.11	10.00	11.00
5700MHz	Pass	5.10	4.10	3.99	4.23	4.30	10.05	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	4.19	4.16	4.39	4.61	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	2.66	2.76	2.92	3.11	8.82	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.20	1.64	1.27	1.33	1.63	7.40	11.00
5310MHz	Pass	4.20	1.58	1.39	1.42	1.59	7.42	11.00
5510MHz	Pass	5.10	0.34	0.55	0.38	0.18	6.27	11.00
5550MHz	Pass	5.10	1.27	1.08	1.55	1.48	7.26	11.00
5670MHz	Pass	5.10	1.12	0.99	1.33	1.27	7.05	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	1.92	1.99	2.13	2.04	7.92	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	-0.14	0.34	0.12	0.45	6.16	30.00

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)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.20	-1.18	-1.34	-1.24	-1.04	4.73	11.00
5530MHz	Pass	5.10	-1.18	-1.27	-0.90	-1.39	4.71	11.00
5610MHz	Pass	5.10	-1.47	-1.71	-1.47	-1.31	4.38	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	-1.05	-1.05	-0.90	-0.72	4.97	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-3.94	-3.25	-3.50	-2.63	2.61	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-5.52	-5.88	-5.65	-5.45	0.37	17.00
5250MHz	Pass	4.20	-5.20	-5.37	-5.20	-5.38	0.65	11.00
5570MHz	Pass	5.10	-4.23	-4.91	-4.17	-4.68	1.36	11.00

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

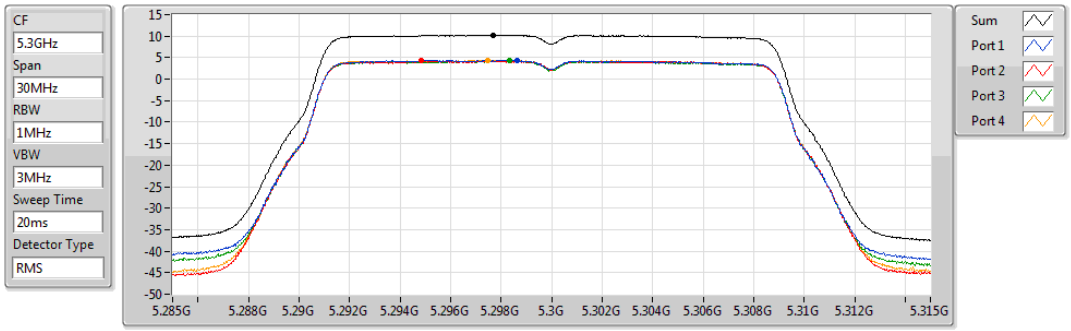
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.53	4.16	4.47	4.40

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

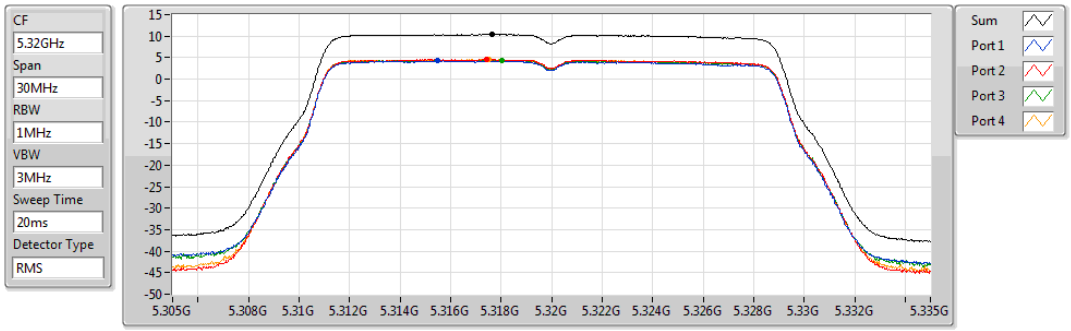
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	4.37	4.23	4.27	4.37

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

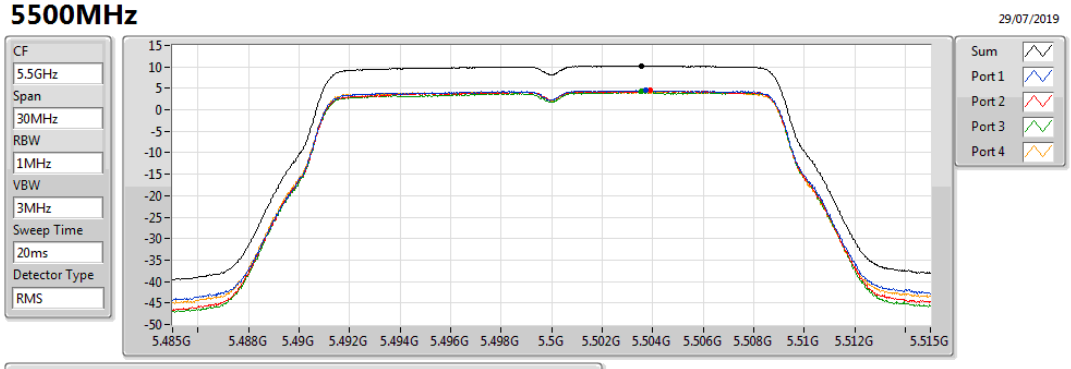
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	4.23	4.57	4.45	4.64

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

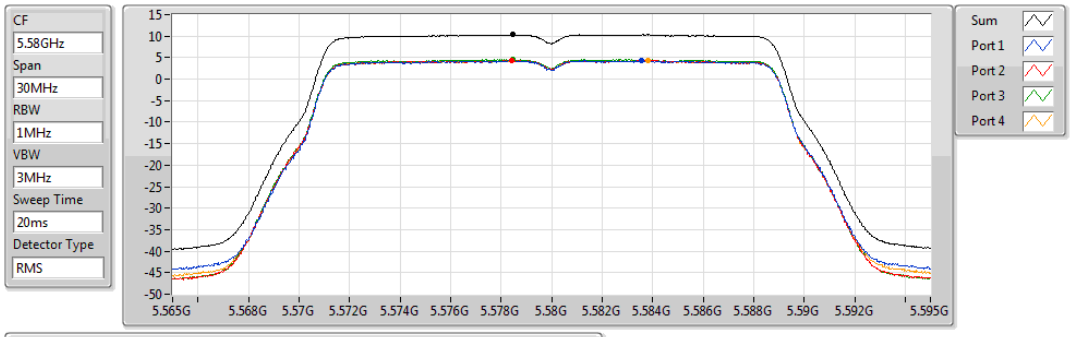
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	4.54	4.52	4.23	4.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

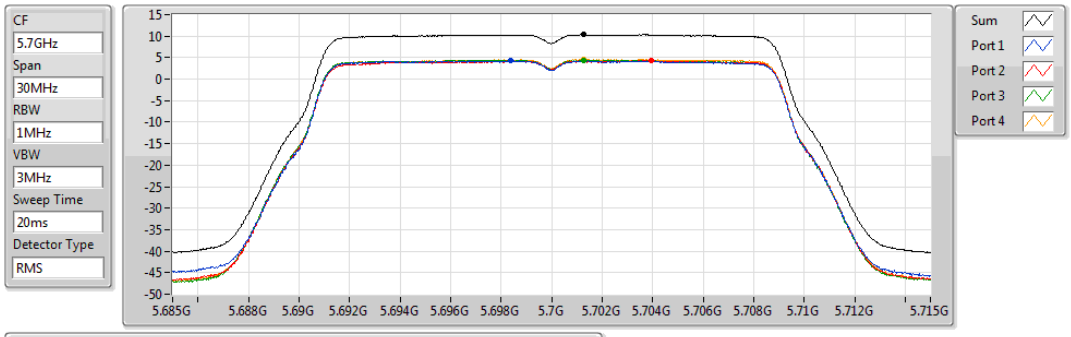
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.27	4.39	4.58	4.35

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

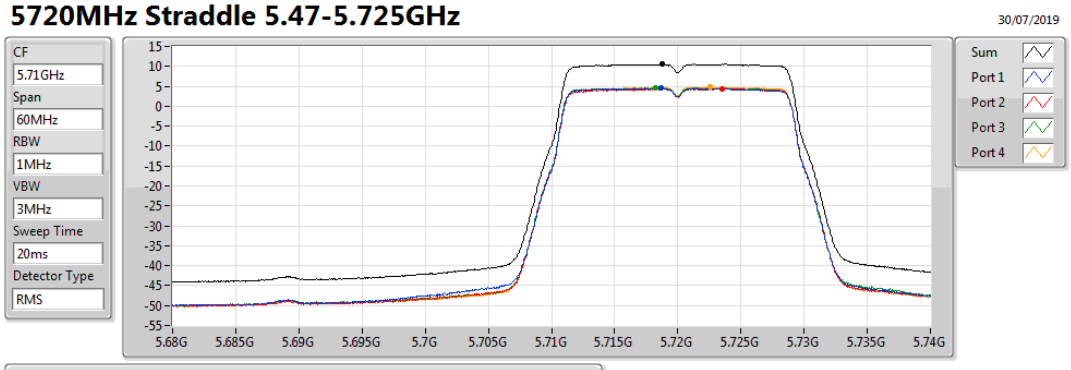
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.24	4.34	4.40	4.64

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

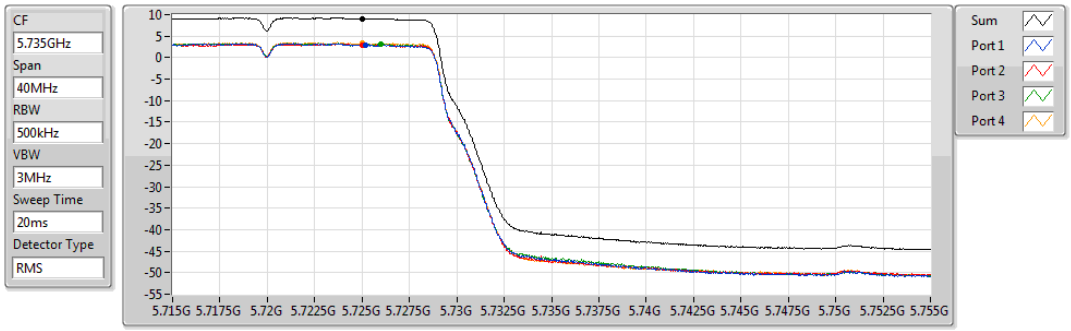
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	4.49	4.47	4.62	4.77

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

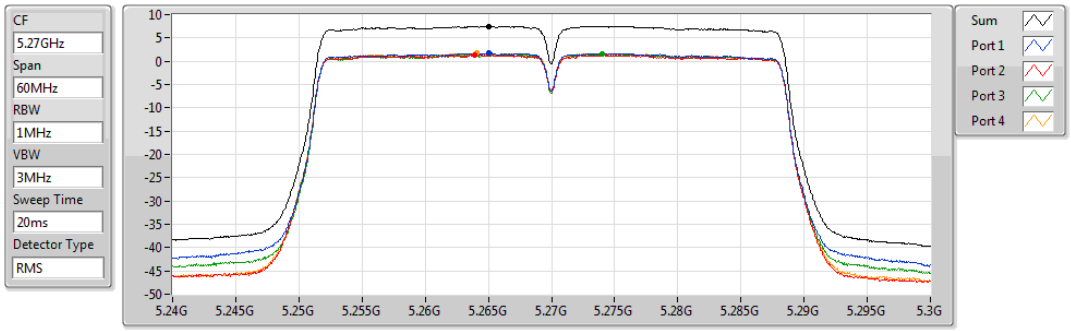
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	2.98	2.93	3.09	3.33

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

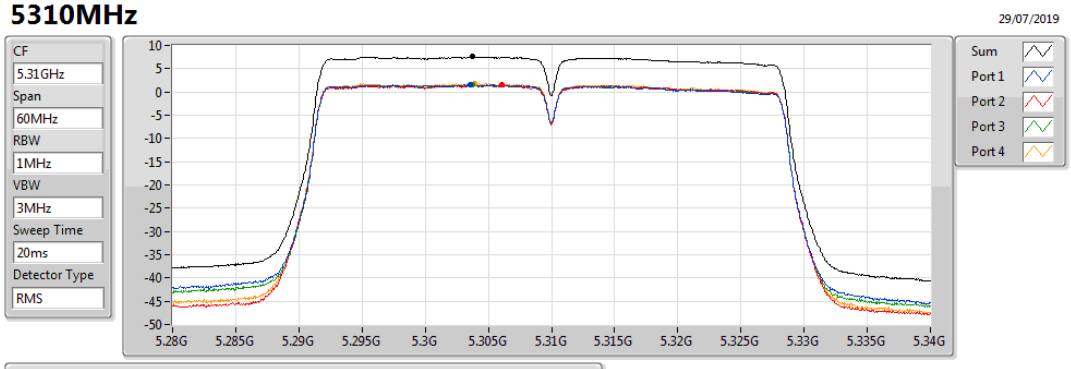
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	1.78	1.39	1.49	1.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

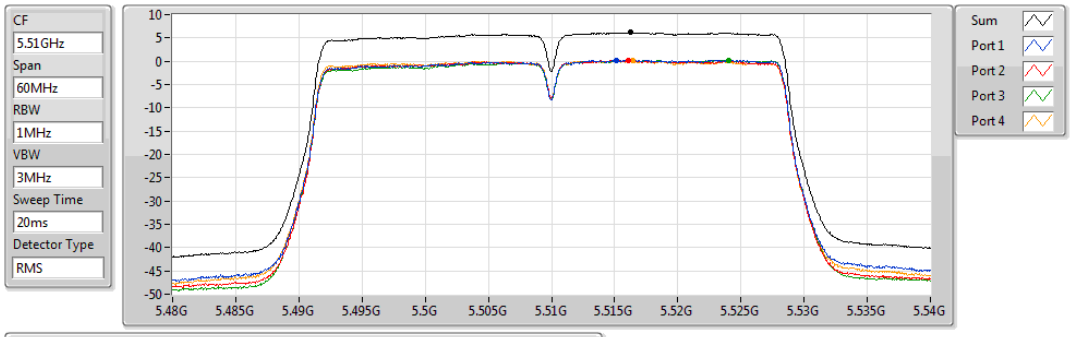
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.56	1.45	1.52	1.77

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

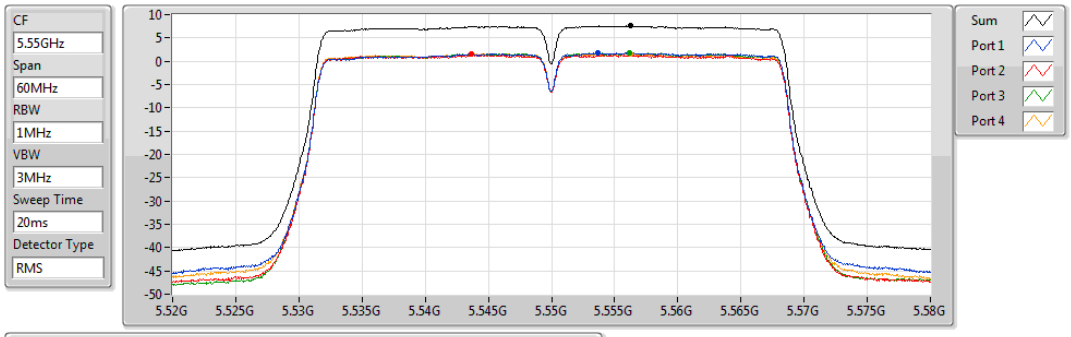
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.14	6.14	0.27	0.16	0.21	0.11

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

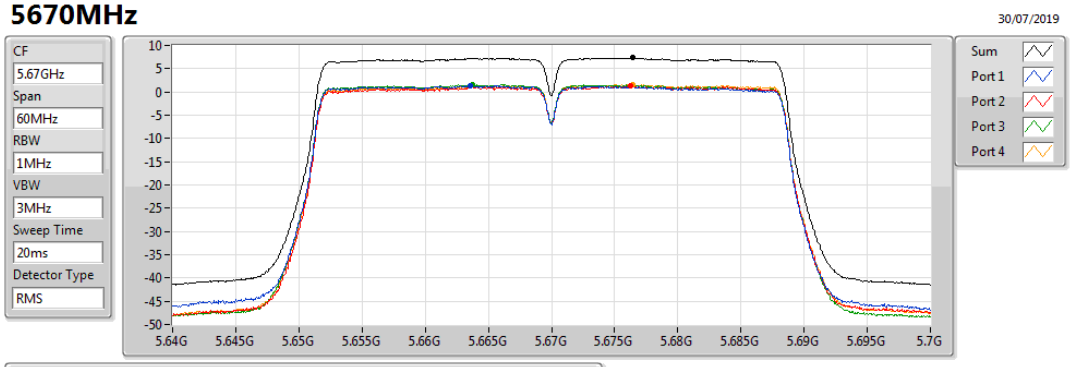
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	1.78	1.53	1.87	1.66

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

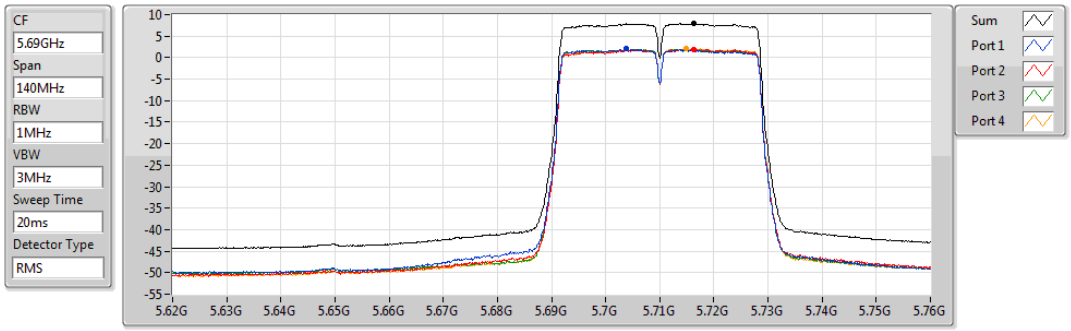
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	1.38	1.25	1.57	1.65

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

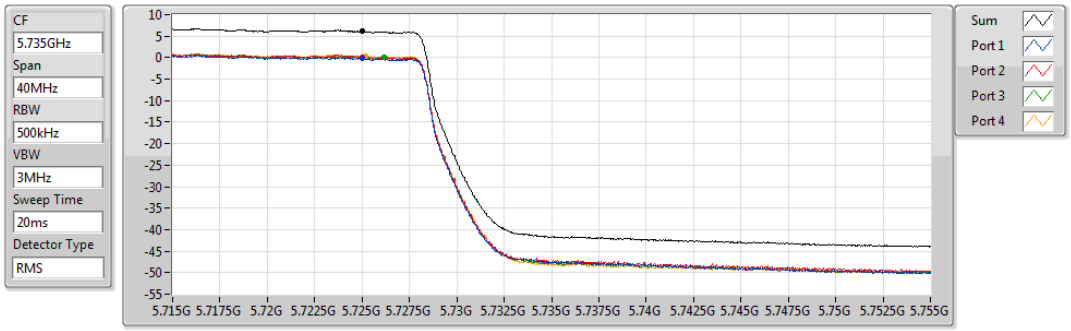
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.01	1.95	2.03	2.08

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

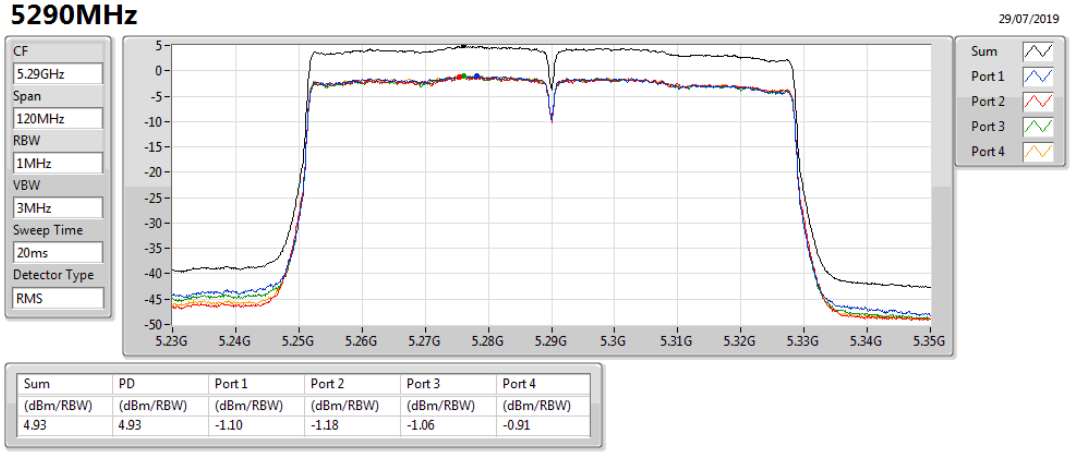
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	-0.14	0.22	0.09	0.37

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

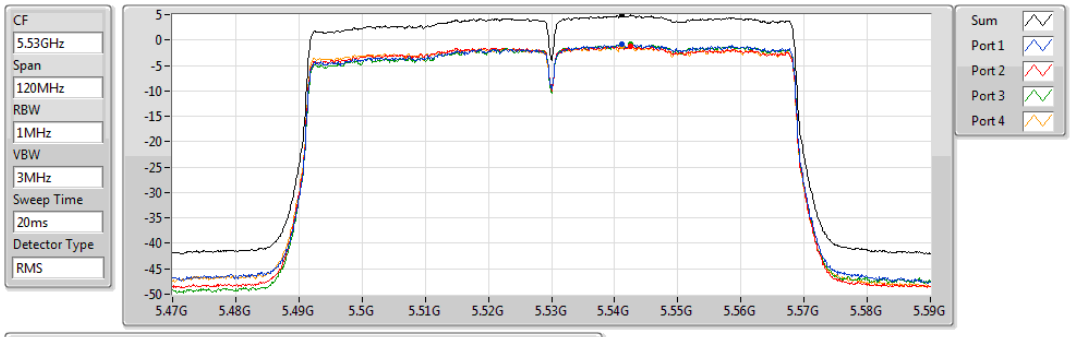
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	-1.10	-1.18	-1.06	-0.91

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

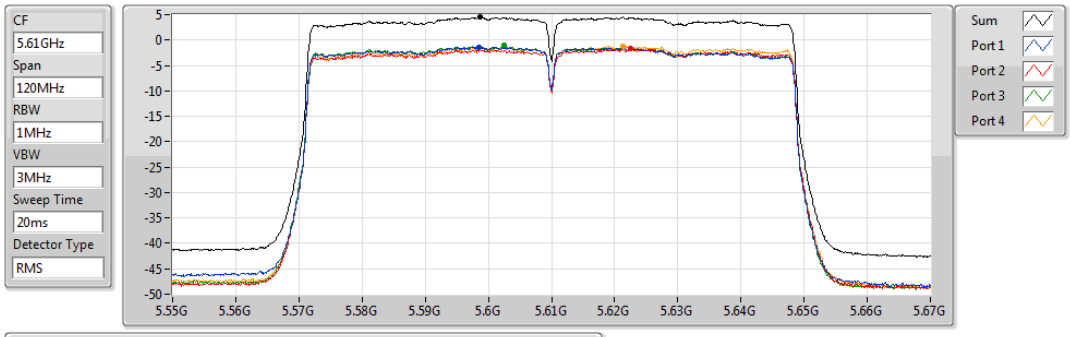
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	-0.89	-1.30	-0.84	-1.26

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

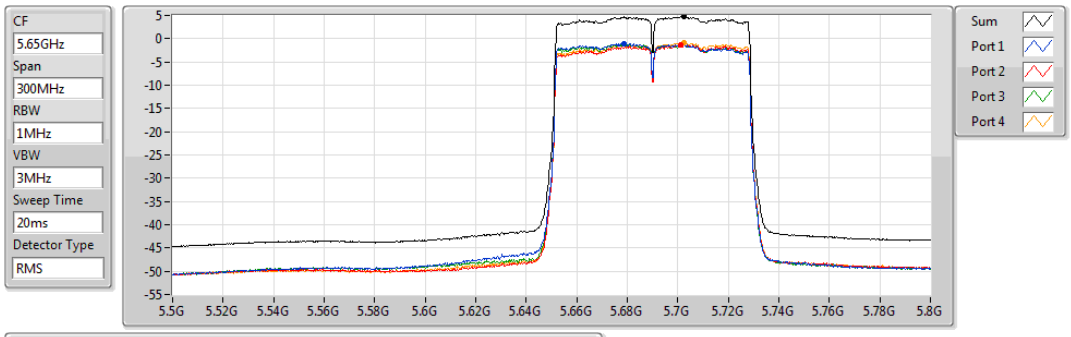


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	-1.34	-1.74	-1.10	-1.19

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

30/07/2019

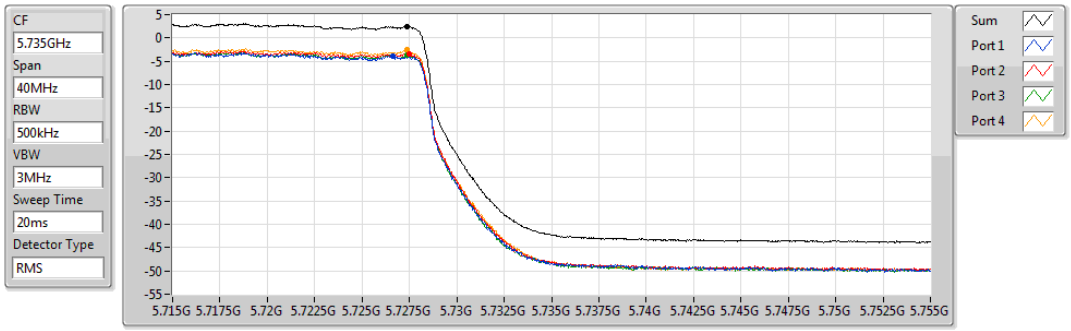


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-1.01	-1.28	-1.19	-0.90

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

30/07/2019

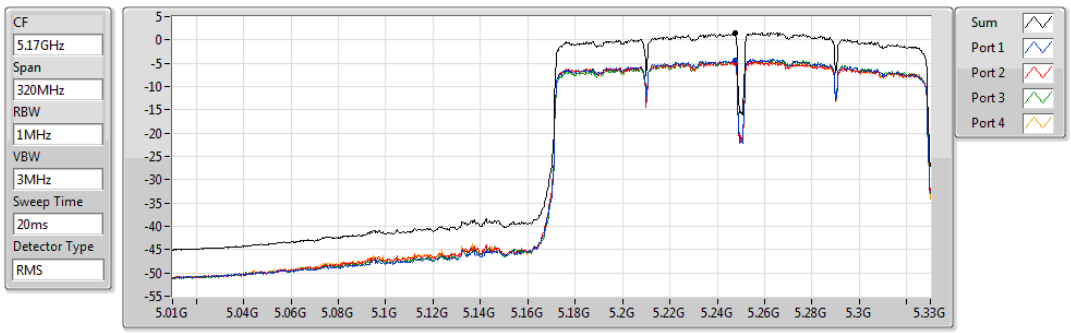


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.79	-3.40	-3.74	-2.53

802.11ac VHT160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

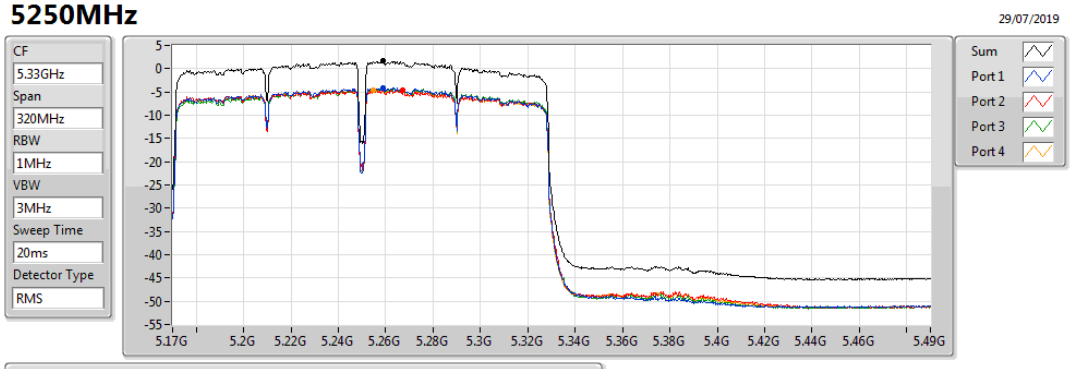
29/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.45	1.45	-4.48	-4.74	-4.66	-4.41

802.11ac VHT160-BF_Nss1,(MCS0)_4TX PSD

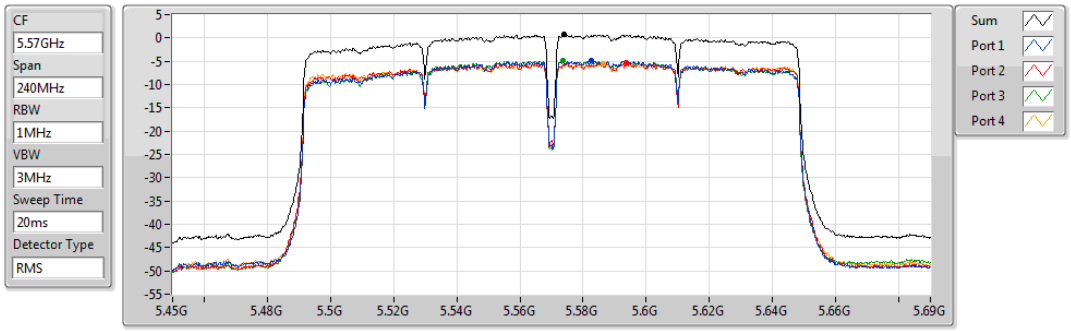
5250MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.67	1.67	-4.05	-4.59	-4.21	-4.50

802.11ac VHT160-BF_Nss1,(MCS0)_4TX PSD

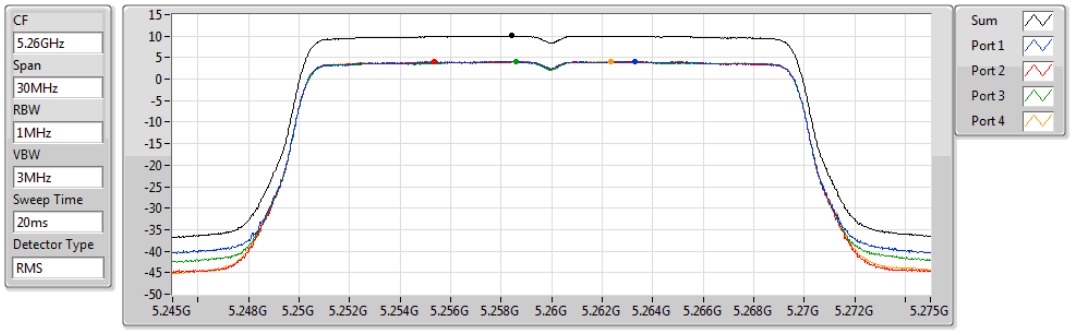
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-4.95	-5.42	-4.96	-5.52

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

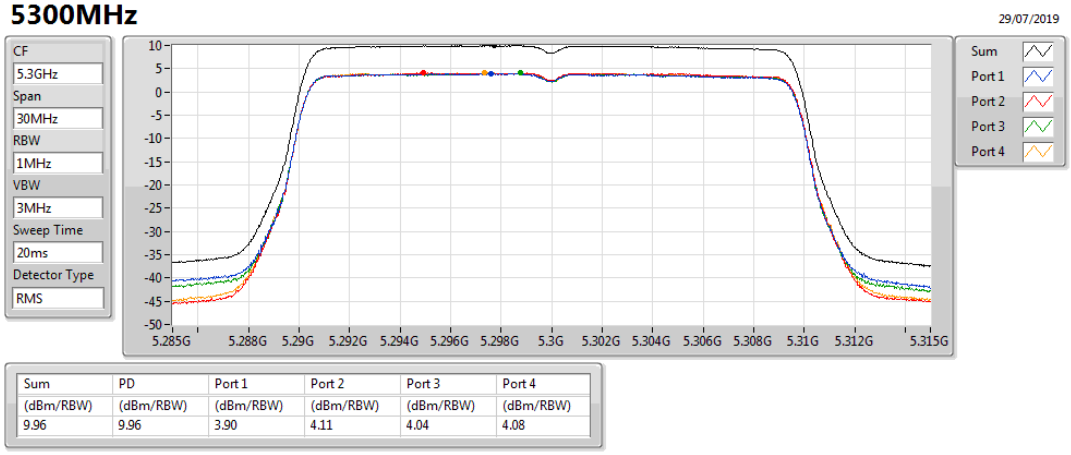
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	4.12	4.08	4.07	4.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

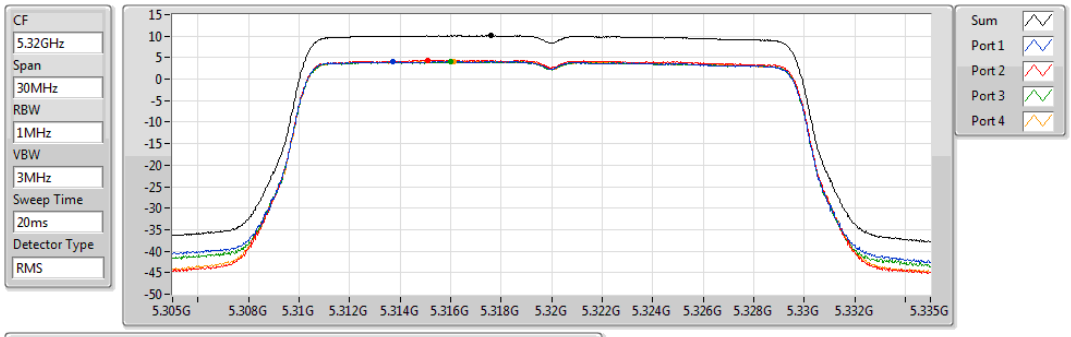
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	3.90	4.11	4.04	4.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

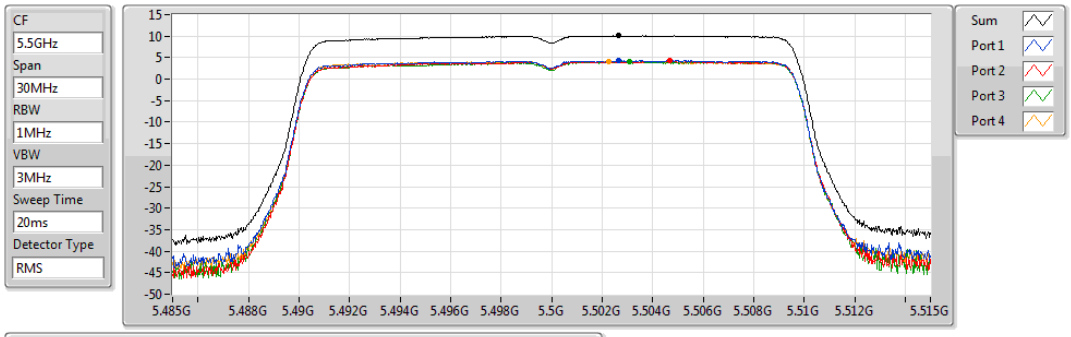
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	4.06	4.43	4.06	4.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

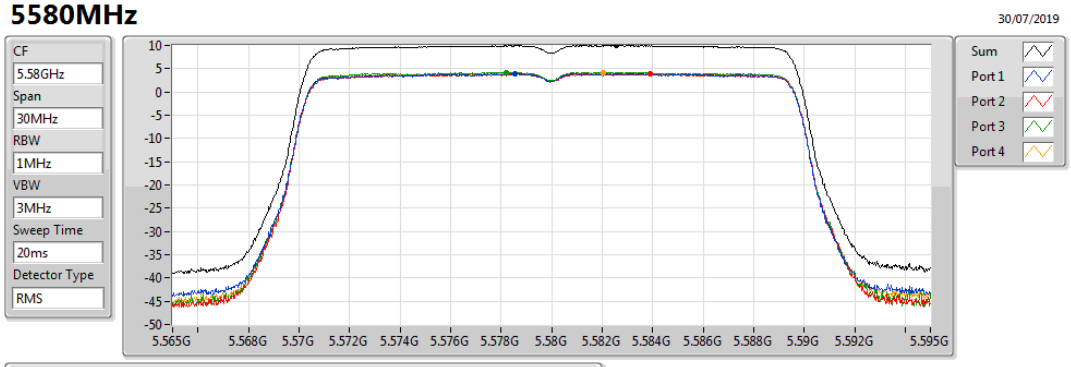
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	4.34	4.22	4.06	4.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

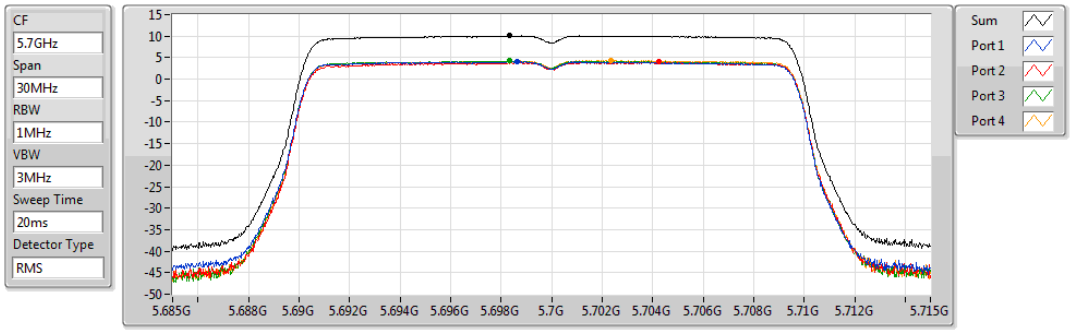
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	4.00	3.83	4.25	4.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

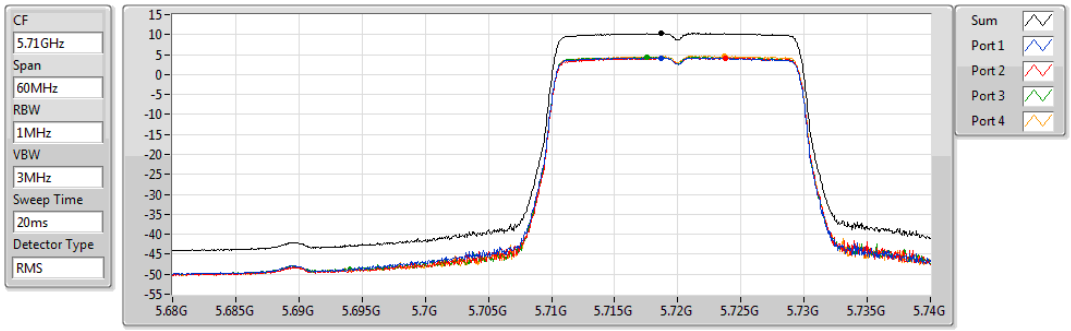
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	4.10	3.99	4.23	4.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

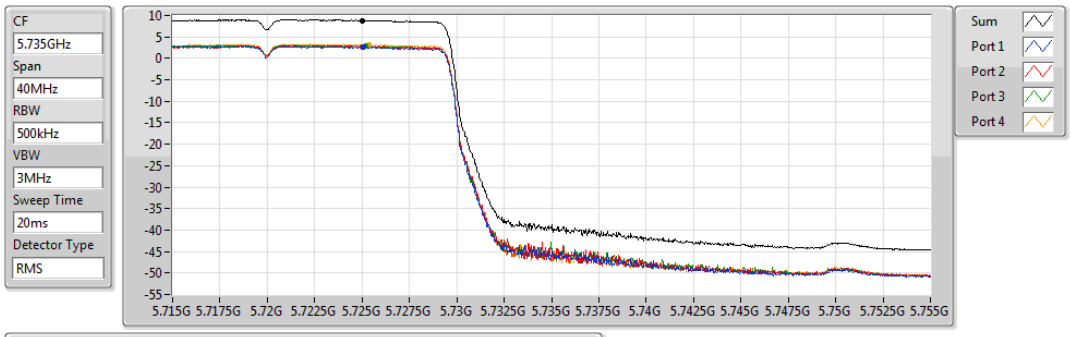


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.19	4.16	4.39	4.61

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

30/07/2019

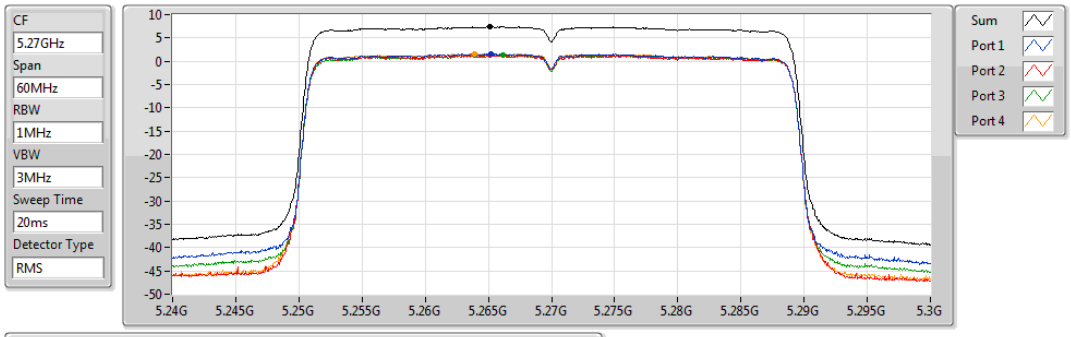


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	2.66	2.76	2.92	3.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5270MHz

29/07/2019

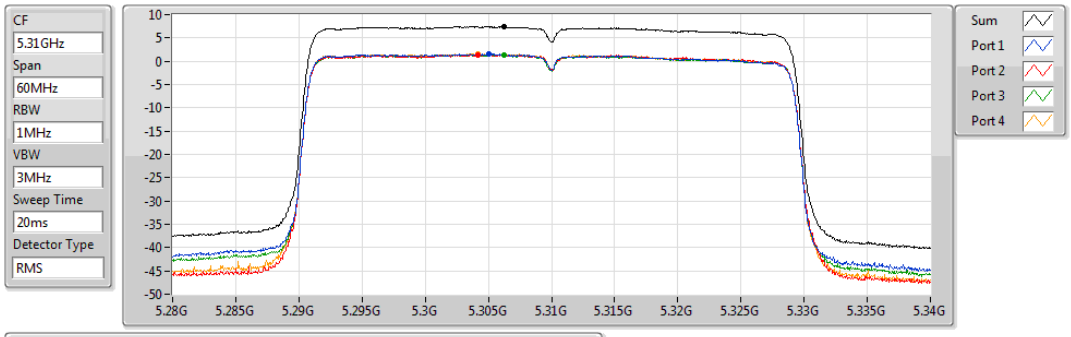


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	1.64	1.27	1.33	1.63

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

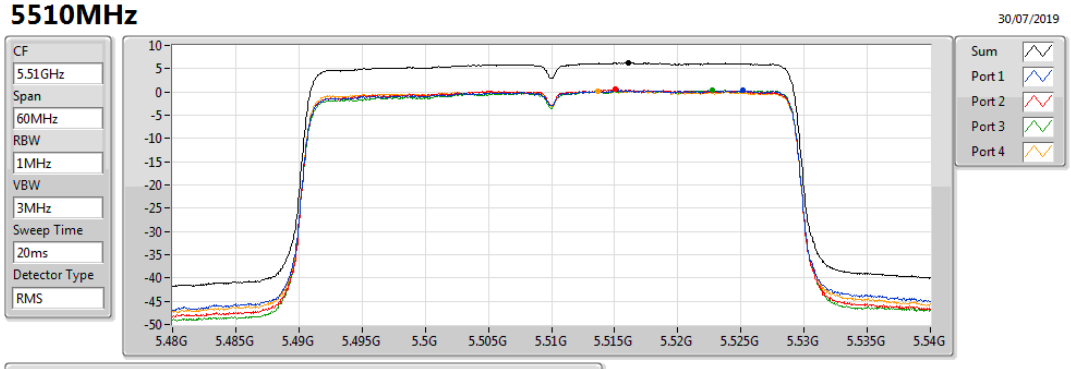
29/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.58	1.39	1.42	1.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

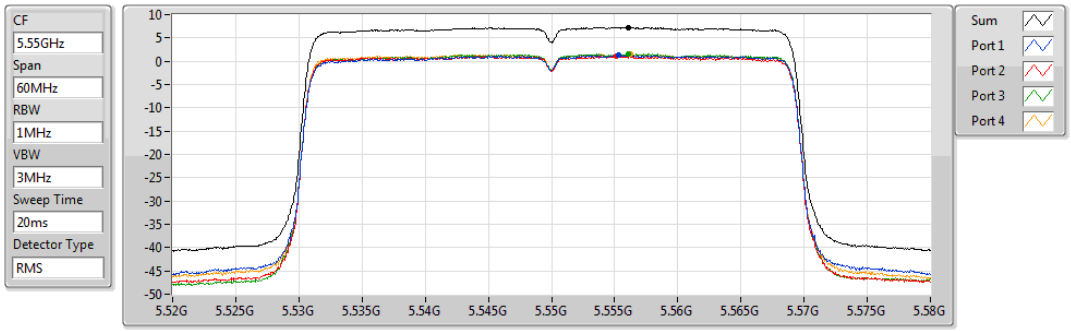
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	0.34	0.55	0.38	0.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

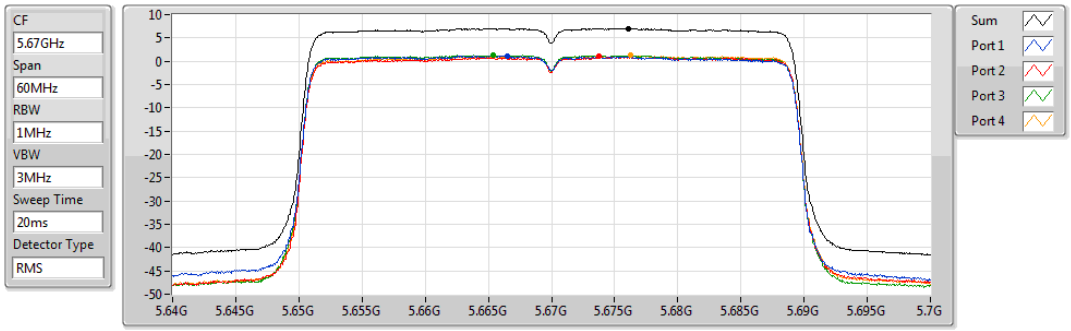
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	1.27	1.08	1.55	1.48

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

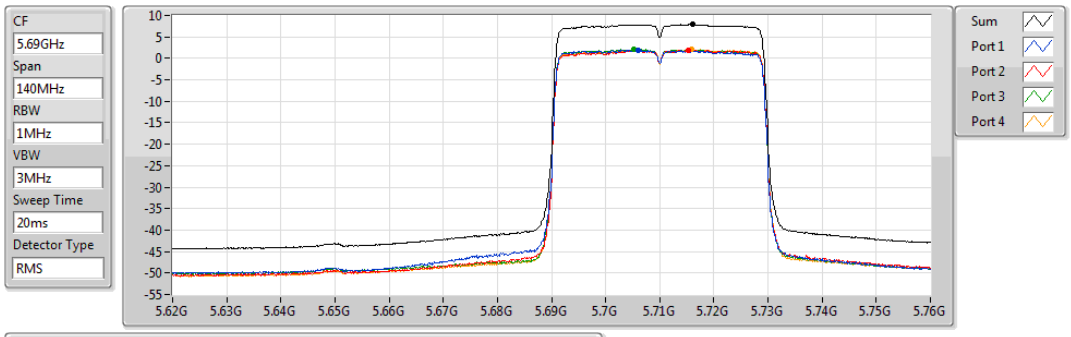


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	1.12	0.99	1.33	1.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

30/07/2019

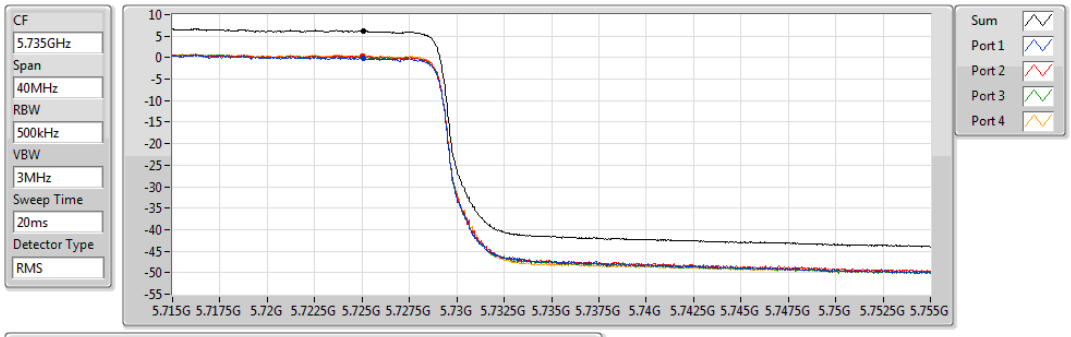


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	1.92	1.99	2.13	2.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

30/07/2019

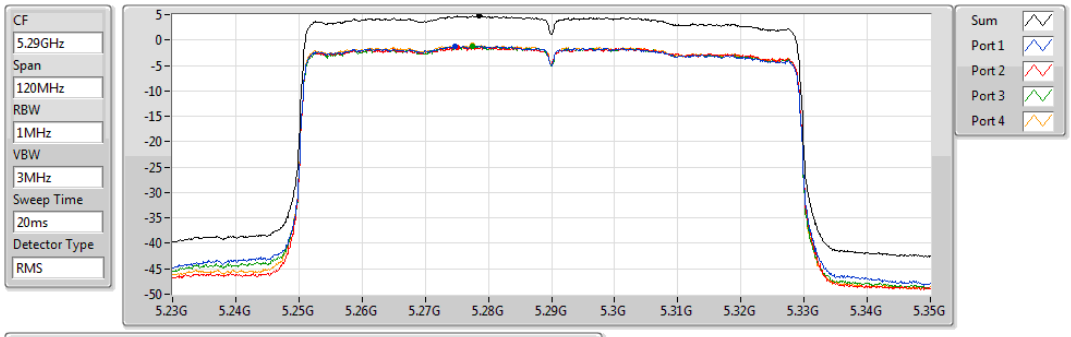


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	-0.14	0.34	0.12	0.45

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

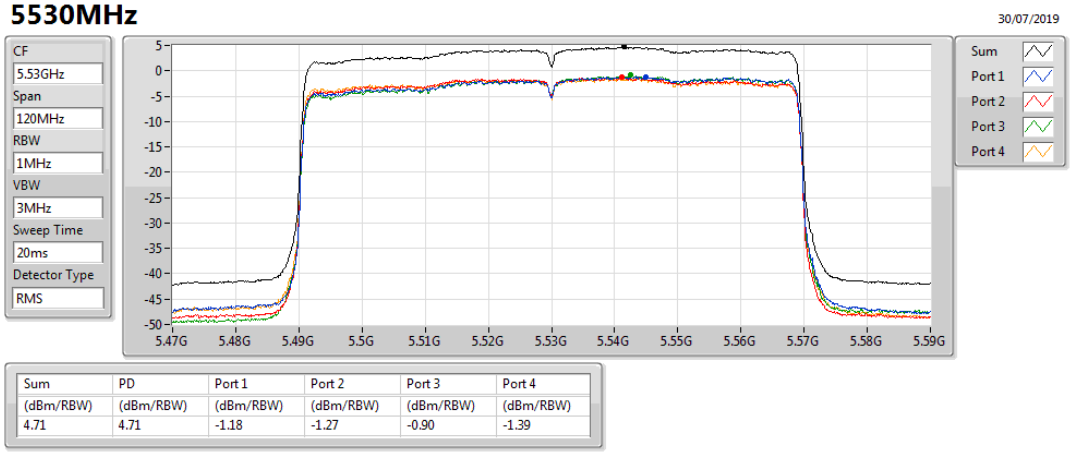
29/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	-1.18	-1.34	-1.24	-1.04

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

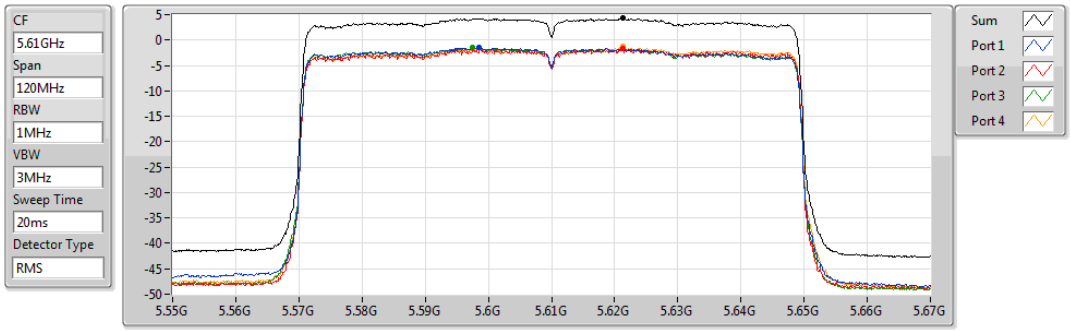
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	-1.18	-1.27	-0.90	-1.39

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

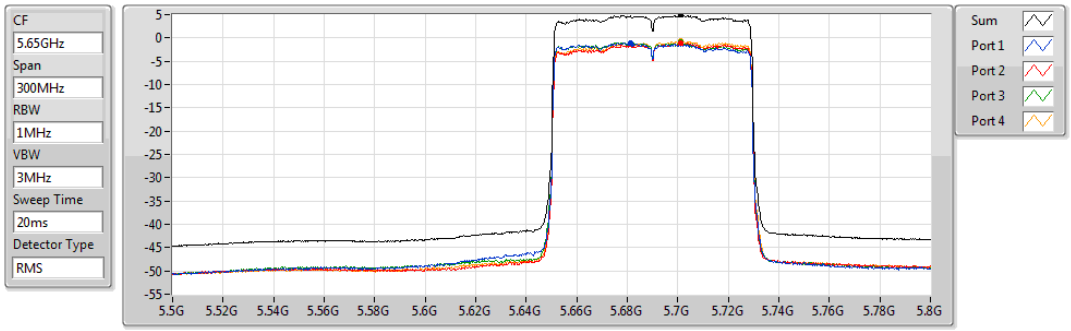
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	-1.47	-1.71	-1.47	-1.31

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

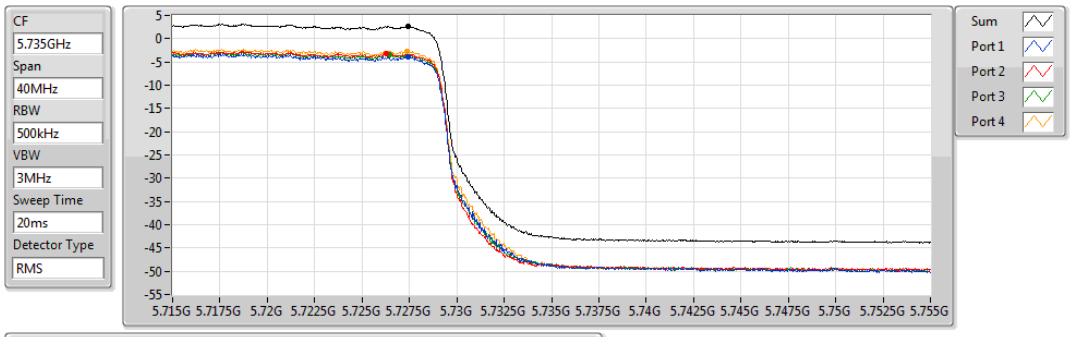


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	-1.05	-1.05	-0.90	-0.72

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

30/07/2019

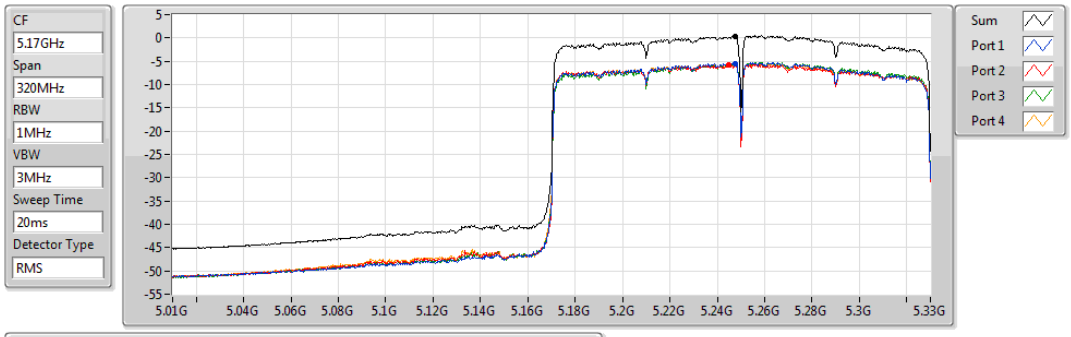


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	-3.94	-3.25	-3.50	-2.63

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

29/07/2019

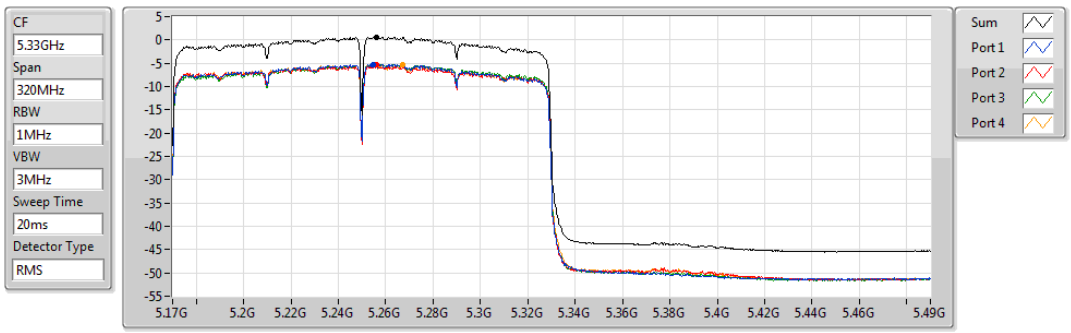


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-5.52	-5.88	-5.65	-5.45

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz

29/07/2019

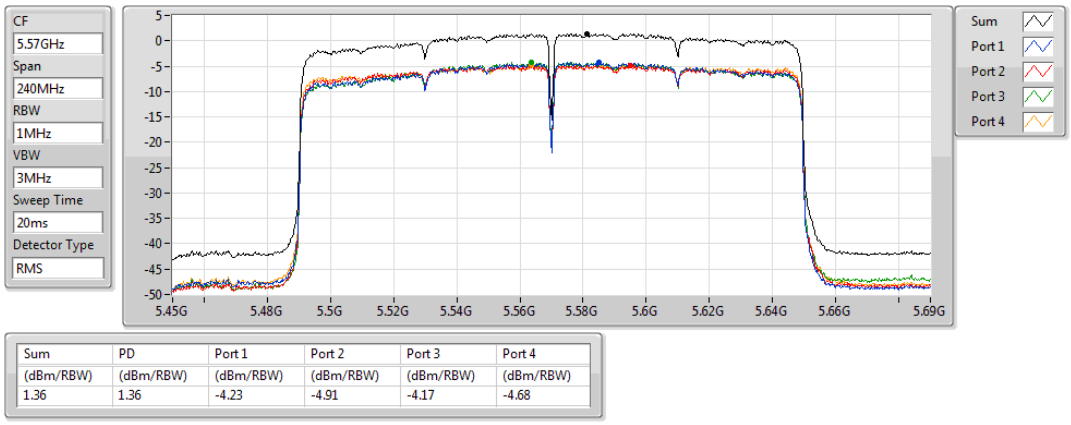


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-5.20	-5.37	-5.20	-5.38

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5570MHz

30/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	-4.23	-4.91	-4.17	-4.68

<non-beamforming mode> 4T2S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss2,(MCS0)_4TX	-0.28
802.11ax HEW160_Nss2,(MCS0)_4TX	-0.87
5.25-5.35GHz	-
802.11ac VHT160_Nss2,(MCS0)_4TX	0.11
802.11ax HEW160_Nss2,(MCS0)_4TX	-0.65
5.47-5.725GHz	-
802.11ac VHT80_Nss2,(MCS0)_4TX	5.33
802.11ac VHT160_Nss2,(MCS0)_4TX	0.35
802.11ax HEW80_Nss2,(MCS0)_4TX	5.17
802.11ax HEW160_Nss2,(MCS0)_4TX	0.50

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

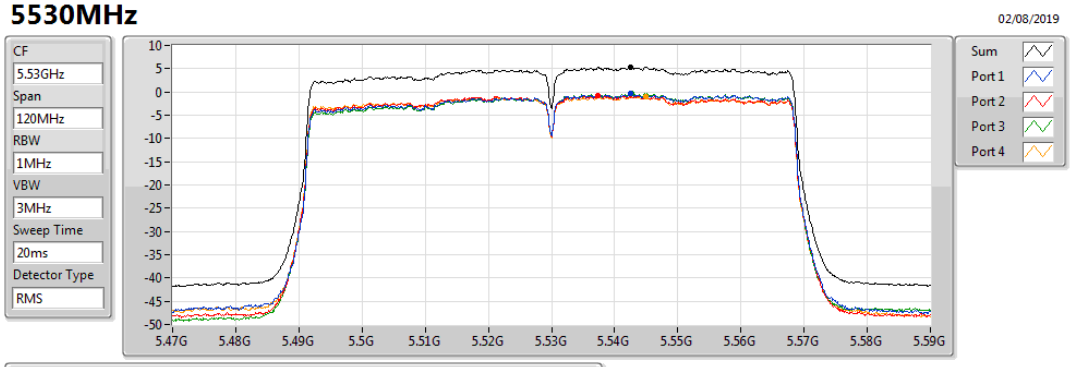
Result

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 VHT80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	-0.38	-0.80	-0.29	-0.90	5.33	11.00
802.11ac VHT160_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-5.99	-6.12	-6.56	-6.24	-0.28	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.20	-5.46	-5.88	-6.18	-5.84	0.11	11.00
5570MHz	Pass	5.10	-5.37	-5.86	-5.29	-5.65	0.35	11.00
802.11ax HEW80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	-0.39	-0.85	-0.59	-1.10	5.17	11.00
802.11ax HEW160_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-6.58	-6.54	-7.28	-6.71	-0.87	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.20	-6.19	-6.56	-6.75	-6.74	-0.65	11.00
5570MHz	Pass	5.10	-5.04	-5.66	-5.16	-5.72	0.50	11.00

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 VHT80_Nss2,(MCS0)_4TX PSD

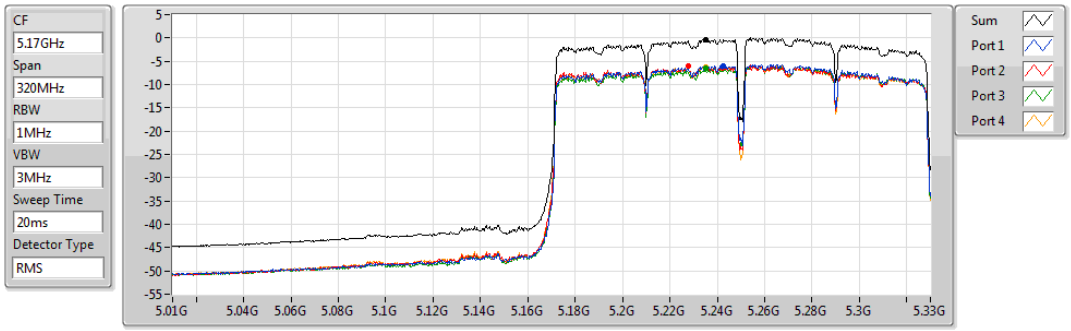
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	-0.38	-0.80	-0.29	-0.90

802.11ac VHT160_Nss2,(MCS0)_4TX PSD

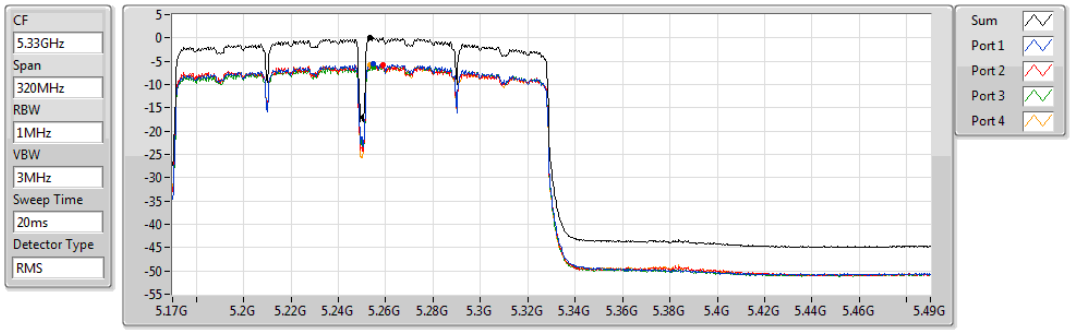
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.28	-0.28	-5.99	-6.12	-6.56	-6.24

802.11ac VHT160_Nss2,(MCS0)_4TX PSD

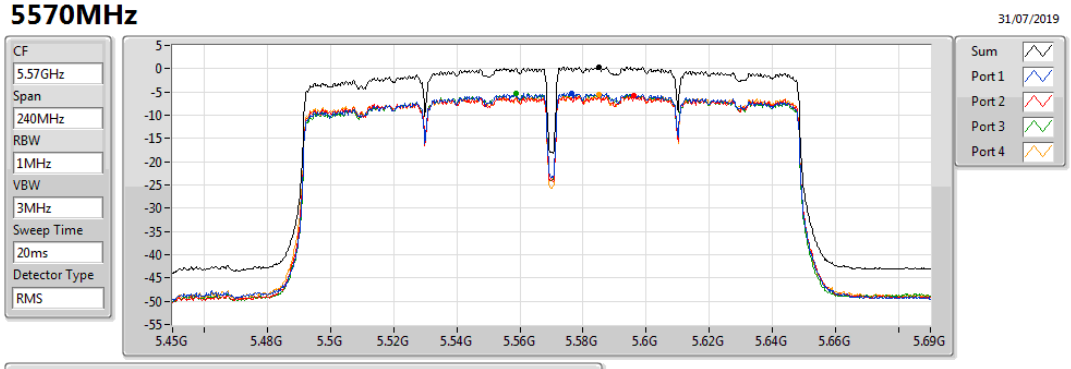
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-5.46	-5.88	-6.18	-5.84

802.11ac VHT160_Nss2,(MCS0)_4TX PSD

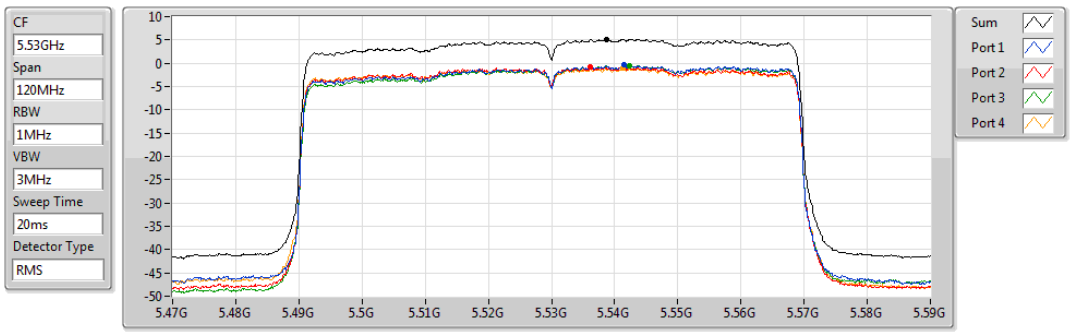
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.35	0.35	-5.37	-5.86	-5.29	-5.65

802.11ax HEW80_Nss2,(MCS0)_4TX PSD

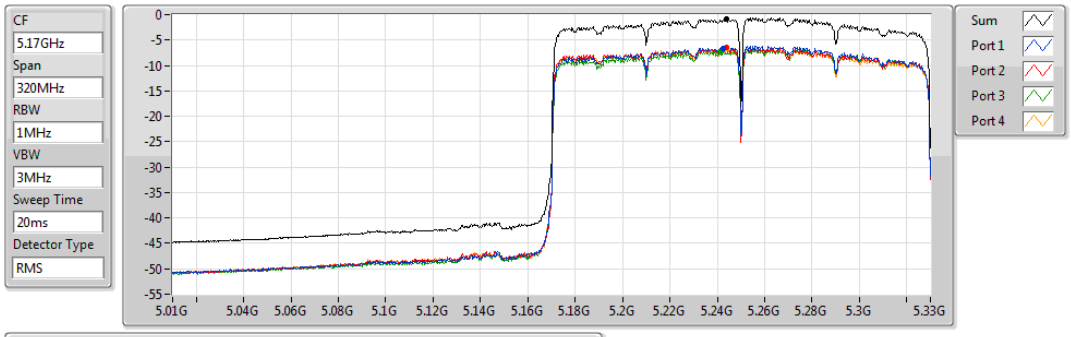
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.39	-0.85	-0.59	-1.10

802.11ax HEW160_Nss2,(MCS0)_4TX PSD

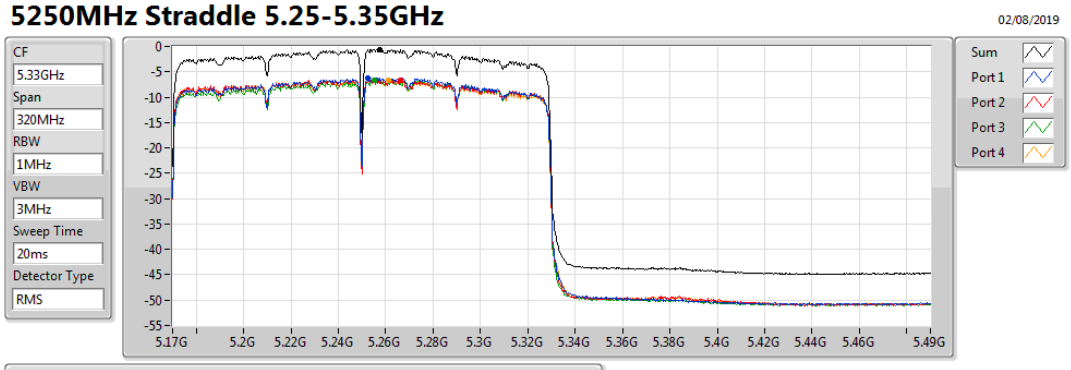
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.87	-0.87	-6.58	-6.54	-7.28	-6.71

802.11ax HEW160_Nss2,(MCS0)_4TX PSD

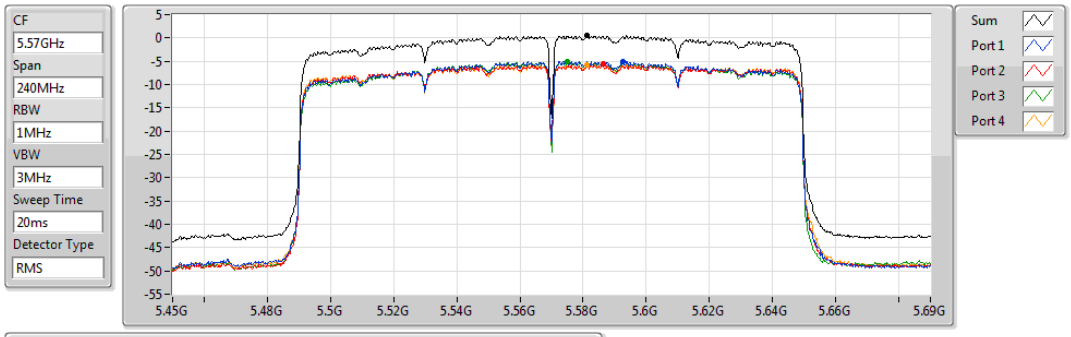
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-6.19	-6.56	-6.75	-6.74

802.11ax HEW160_Nss2,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-5.04	-5.66	-5.16	-5.72

<beamforming mode> 4T2S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	1.70
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	1.30
5.25-5.35GHz	-
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	2.03
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	1.46
5.47-5.725GHz	-
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	5.32
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	1.87
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.24
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	1.50

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

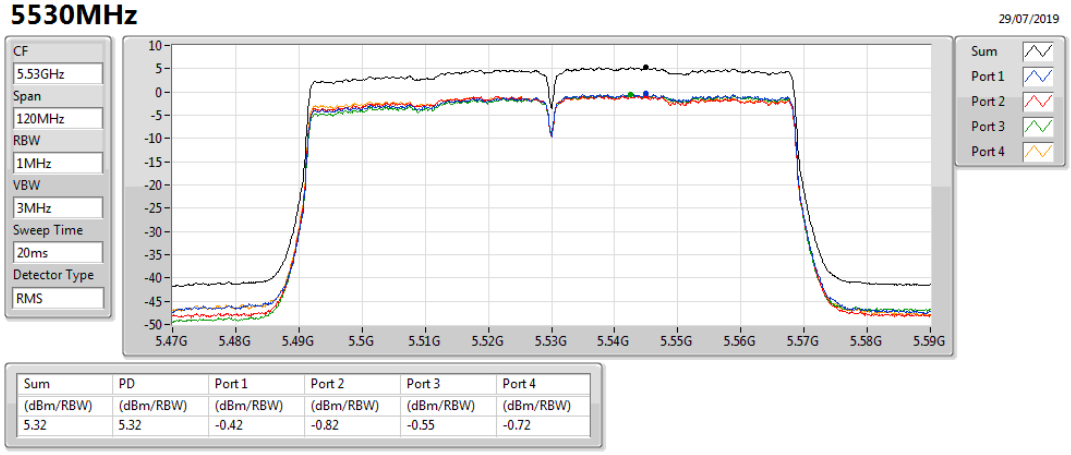
Result

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 VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	-0.42	-0.82	-0.55	-0.72	5.32	11.00
802.11ac VHT160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-4.00	-4.36	-4.31	-4.13	1.70	17.00
5250MHz	Pass	4.20	-3.70	-4.04	-3.84	-3.89	2.03	11.00
5570MHz	Pass	5.10	-3.77	-4.25	-3.88	-4.23	1.87	11.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.10	-0.57	-0.71	-0.63	-1.06	5.24	11.00
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.70	-4.55	-4.81	-4.74	-4.57	1.30	17.00
5250MHz	Pass	4.20	-4.04	-4.65	-4.23	-4.64	1.46	11.00
5570MHz	Pass	5.10	-4.00	-4.62	-4.14	-4.49	1.50	11.00

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 VHT80-BF_Nss2,(MCS0)_4TX PSD

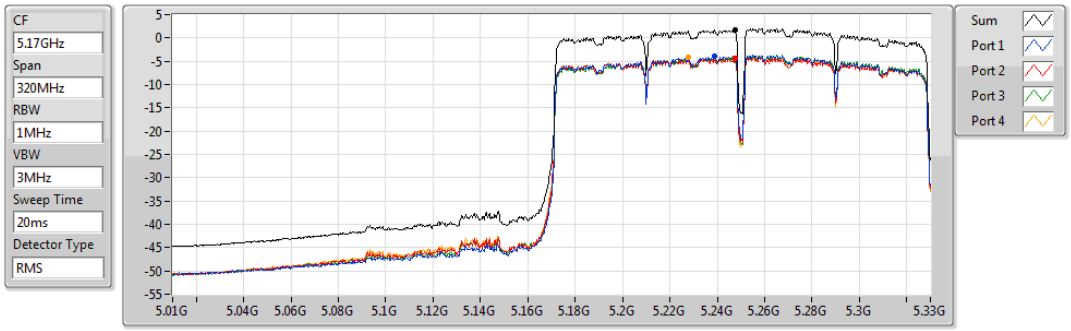
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.32	5.32	-0.42	-0.82	-0.55	-0.72

802.11ac VHT160-BF_Nss2,(MCS0)_4TX PSD

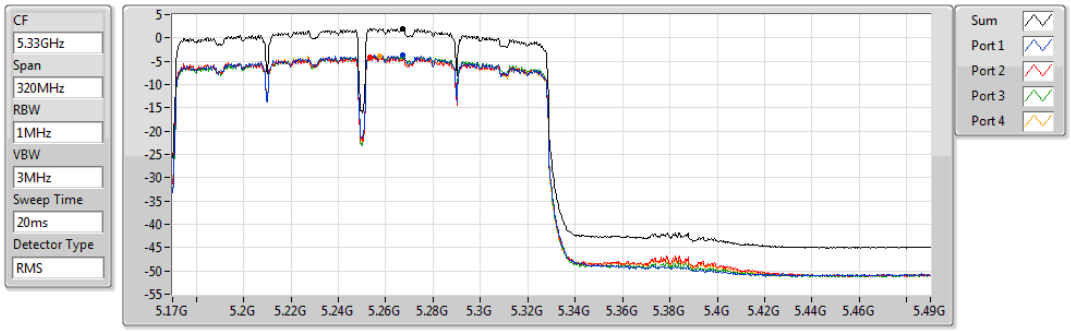
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.70	1.70	-4.00	-4.36	-4.31	-4.13

802.11ac VHT160-BF_Nss2,(MCS0)_4TX PSD

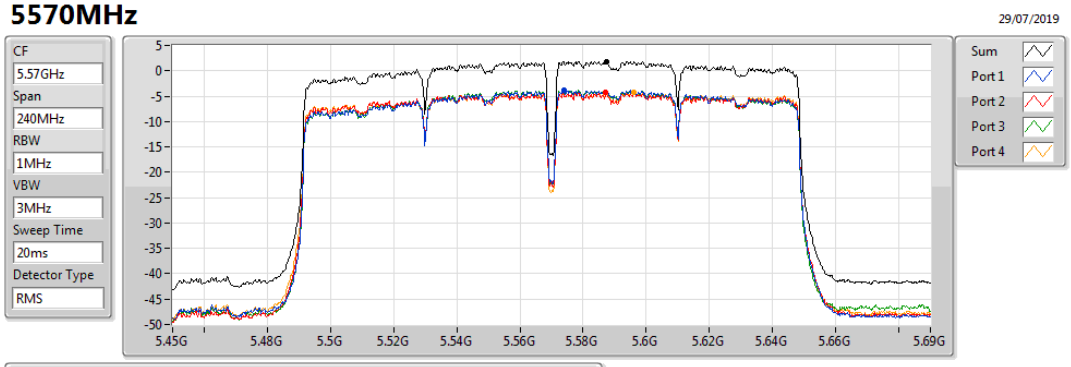
5250MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-3.70	-4.04	-3.84	-3.89

802.11ac VHT160-BF_Nss2,(MCS0)_4TX PSD

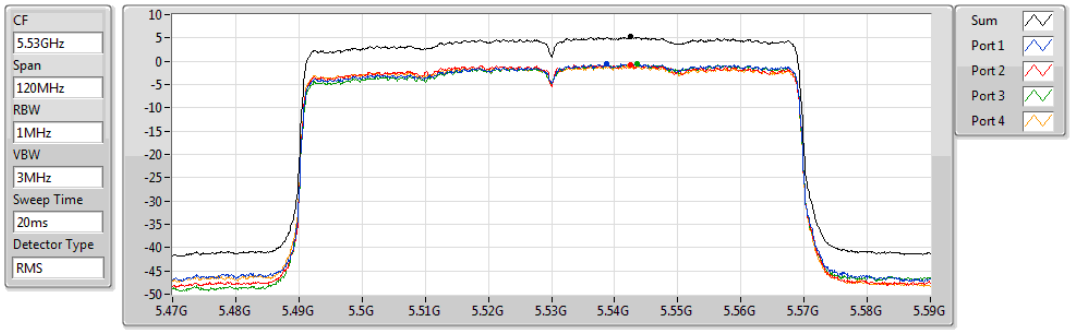
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-3.77	-4.25	-3.88	-4.23

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

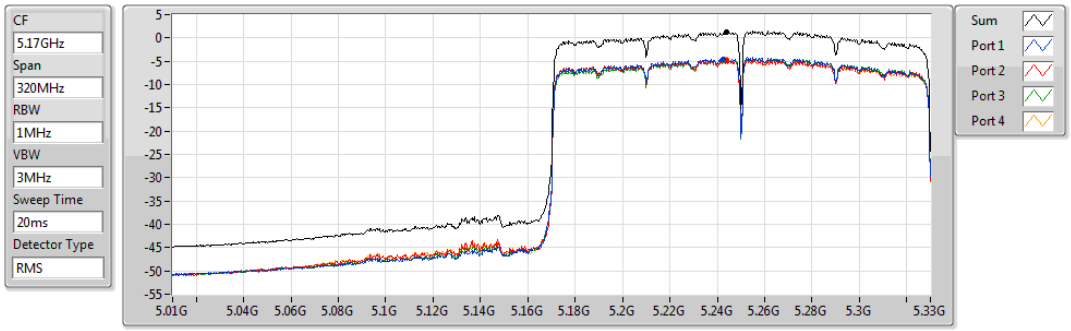
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	-0.57	-0.71	-0.63	-1.06

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

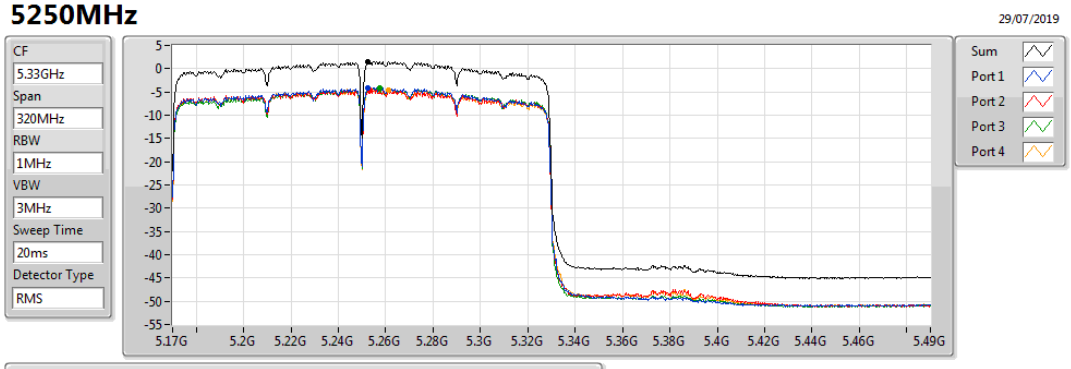
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.30	1.30	-4.55	-4.81	-4.74	-4.57

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

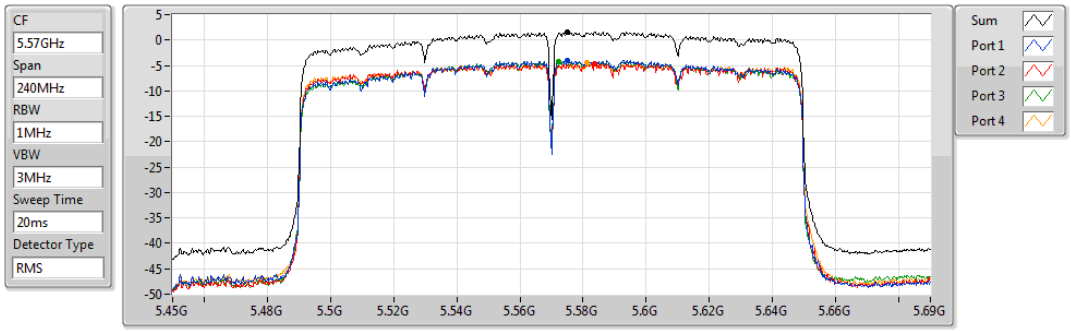
5250MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.46	1.46	-4.04	-4.65	-4.23	-4.64

802.11ax HEW160-BF_Nss2,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.50	1.50	-4.00	-4.62	-4.14	-4.49

<non-beamforming mode> 4T3S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss3,(MCS0)_4TX	-0.07
802.11ax HEW160_Nss3,(MCS0)_4TX	-1.16
5.25-5.35GHz	-
802.11ac VHT160_Nss3,(MCS0)_4TX	0.07
802.11ax HEW160_Nss3,(MCS0)_4TX	-0.33
5.47-5.725GHz	-
802.11ac VHT80_Nss3,(MCS0)_4TX	5.71
802.11ac VHT160_Nss3,(MCS0)_4TX	0.64
802.11ax HEW80_Nss3,(MCS0)_4TX	5.69
802.11ax HEW160_Nss3,(MCS0)_4TX	-0.02

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

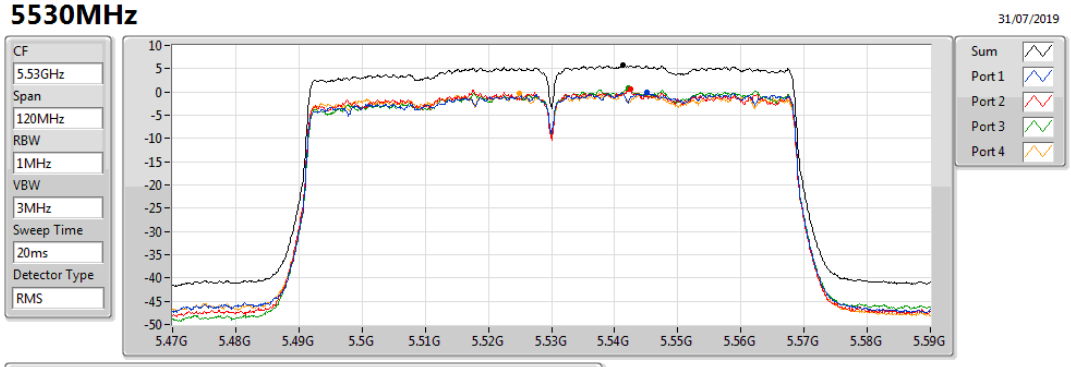
Result

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 VHT80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	2.20	-0.18	0.52	0.91	-0.25	5.71	11.00
802.11ac VHT160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.00	-5.64	-5.35	-5.89	-5.70	-0.07	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	1.80	-5.37	-5.39	-5.24	-5.37	0.07	11.00
5570MHz	Pass	2.20	-4.95	-4.99	-4.20	-5.00	0.64	11.00
802.11ax HEW80_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	2.20	-0.11	0.03	0.15	-0.47	5.69	11.00
802.11ax HEW160_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.00	-6.74	-7.16	-6.89	-6.77	-1.16	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	1.80	-5.90	-6.30	-5.57	-6.21	-0.33	11.00
5570MHz	Pass	2.20	-5.45	-5.98	-5.26	-6.05	-0.02	11.00

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 VHT80_Nss3,(MCS0)_4TX PSD

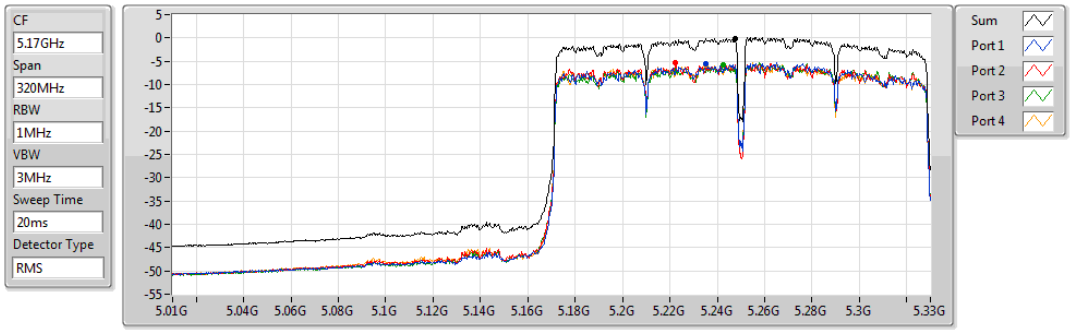
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	-0.18	0.52	0.91	-0.25

802.11ac VHT160_Nss3,(MCS0)_4TX PSD

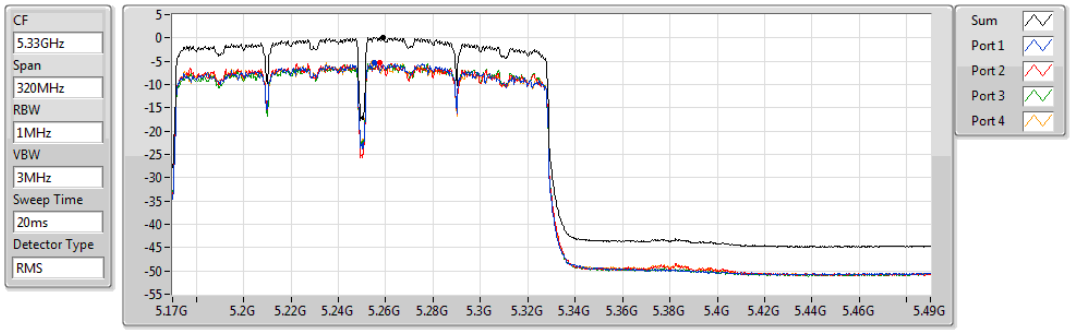
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.07	-0.07	-5.64	-5.35	-5.89	-5.70

802.11ac VHT160_Nss3,(MCS0)_4TX PSD

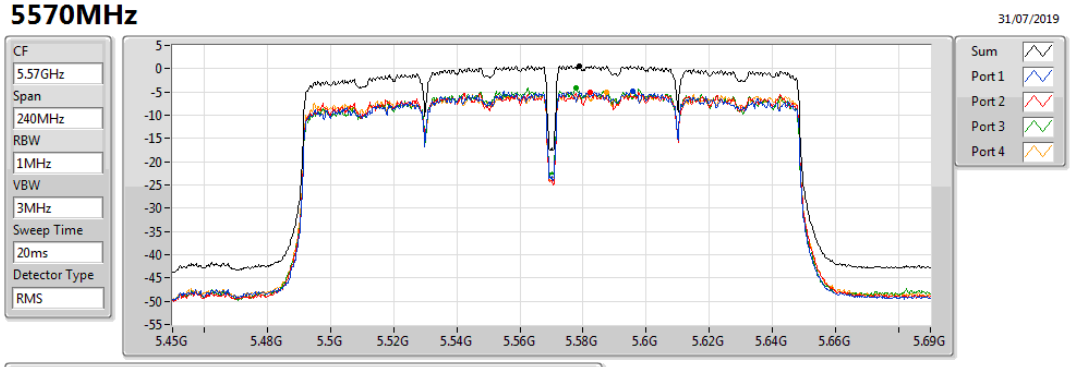
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	-5.37	-5.39	-5.24	-5.37

802.11ac VHT160_Nss3,(MCS0)_4TX PSD

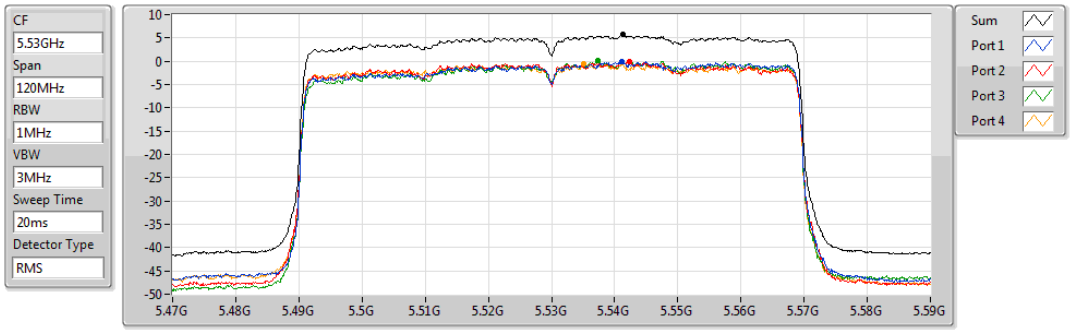
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.64	0.64	-4.95	-4.99	-4.20	-5.00

802.11ax HEW80_Nss3,(MCS0)_4TX PSD

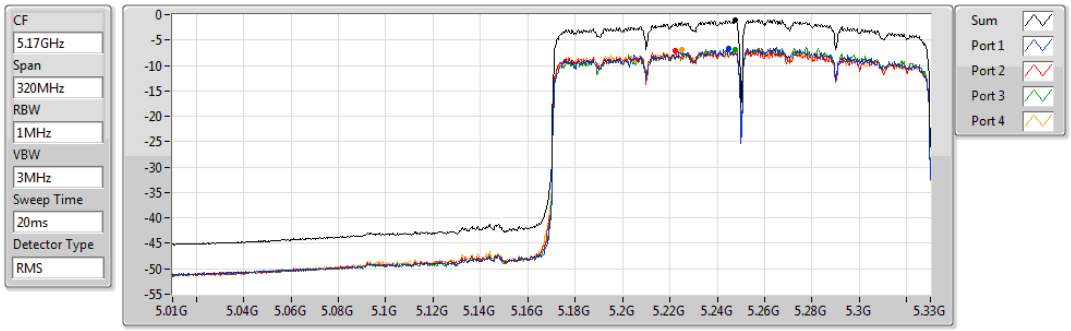
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	-0.11	0.03	0.15	-0.47

802.11ax HEW160_Nss3,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

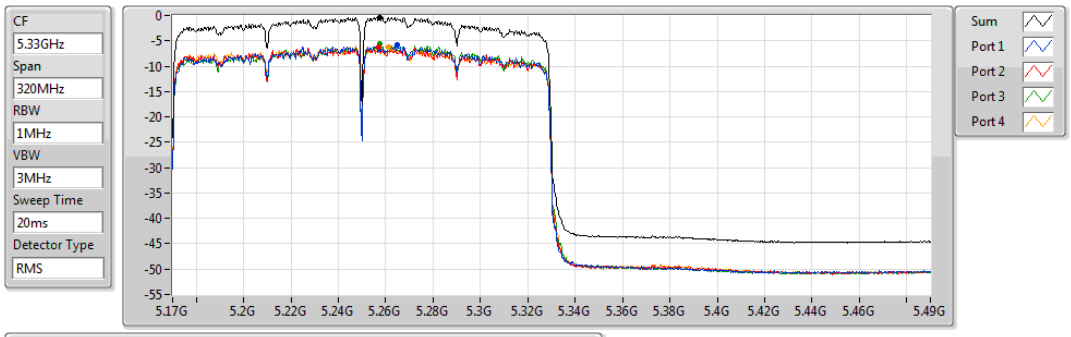


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.16	-1.16	-6.74	-7.16	-6.89	-6.77

802.11ax HEW160_Nss3,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

31/07/2019

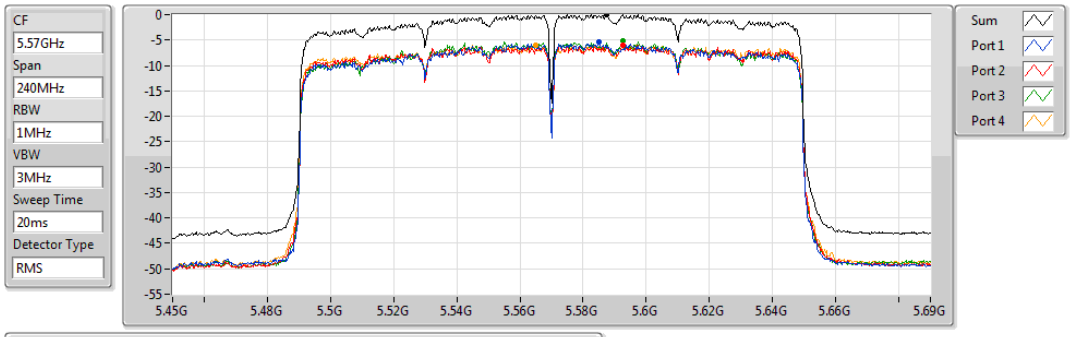


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.33	-0.33	-5.90	-6.30	-5.57	-6.21

802.11ax HEW160_Nss3,(MCS0)_4TX PSD

5570MHz

02/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-5.45	-5.98	-5.26	-6.05

<beamforming mode> 4T3S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	2.07
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	1.29
5.25-5.35GHz	-
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	2.46
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	1.66
5.47-5.725GHz	-
802.11ac VHT80-BF_Nss3,(MCS0)_4TX	5.34
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	1.83
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	5.48
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	1.42

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

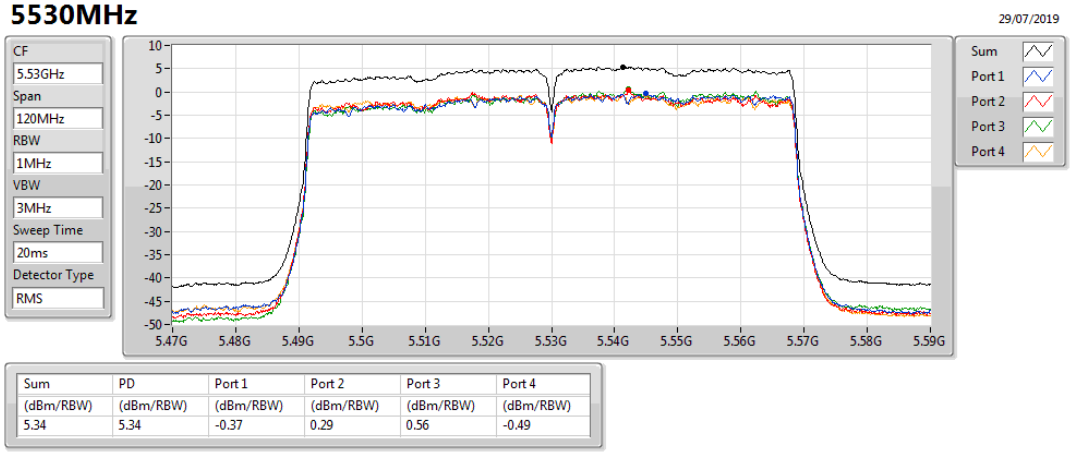
Result

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 VHT80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.30	-0.37	0.29	0.56	-0.49	5.34	11.00
802.11ac VHT160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.80	-3.57	-3.65	-3.26	-3.94	2.07	17.00
5250MHz	Pass	2.80	-3.18	-3.15	-2.53	-3.14	2.46	11.00
5570MHz	Pass	4.30	-3.79	-3.71	-2.95	-4.00	1.83	11.00
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.30	-0.41	-0.19	0.07	-0.71	5.48	11.00
802.11ax HEW160-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.80	-4.15	-4.25	-4.51	-4.48	1.29	17.00
5250MHz	Pass	2.80	-3.96	-4.05	-4.03	-4.26	1.66	11.00
5570MHz	Pass	4.30	-4.21	-4.58	-3.89	-4.64	1.42	11.00

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 VHT80-BF_Nss3,(MCS0)_4TX PSD

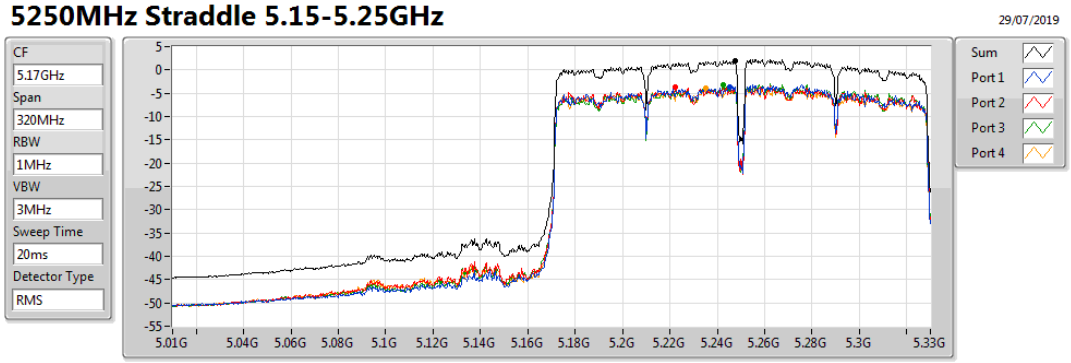
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	-0.37	0.29	0.56	-0.49

802.11ac VHT160-BF_Nss3,(MCS0)_4TX PSD

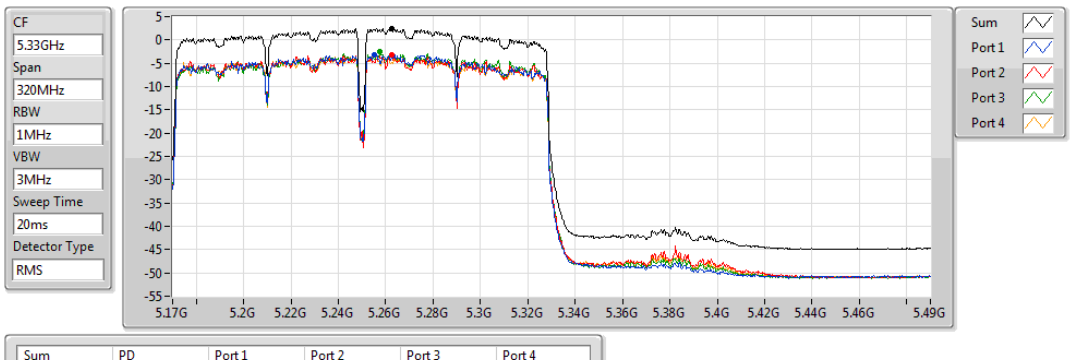
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.07	2.07	-3.57	-3.65	-3.26	-3.94

802.11ac VHT160-BF_Nss3,(MCS0)_4TX PSD

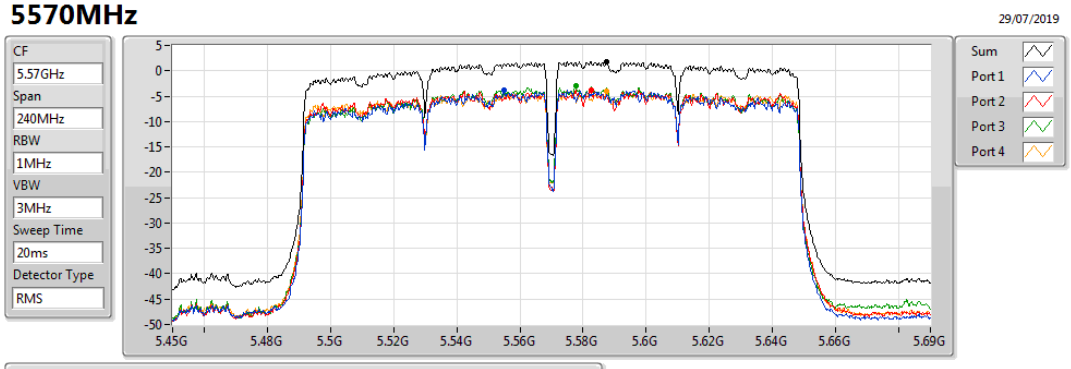
5250MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-3.18	-3.15	-2.53	-3.14

802.11ac VHT160-BF_Nss3,(MCS0)_4TX PSD

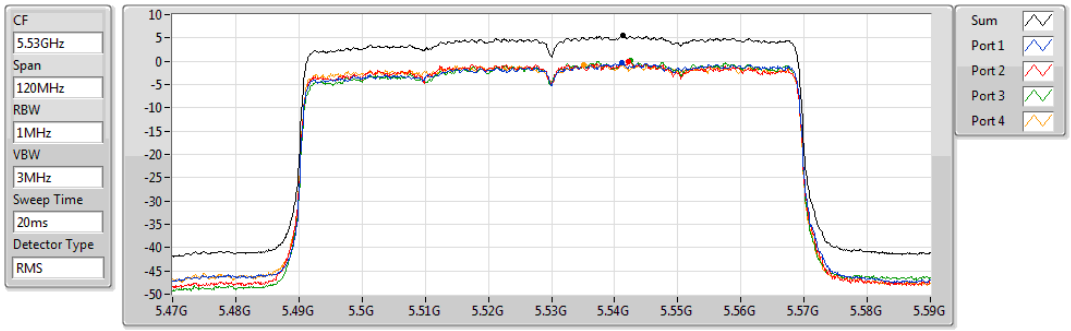
5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-3.79	-3.71	-2.95	-4.00

802.11ax HEW80-BF_Nss3,(MCS0)_4TX PSD

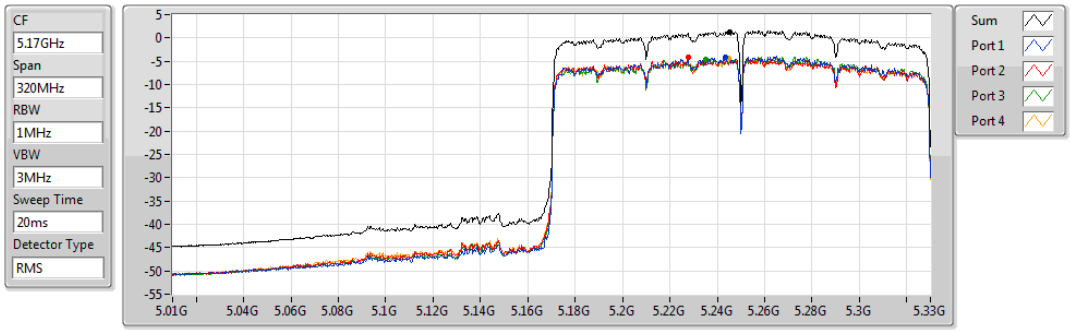
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	-0.41	-0.19	0.07	-0.71

802.11ax HEW160-BF_Nss3,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.29	1.29	-4.15	-4.25	-4.51	-4.48