

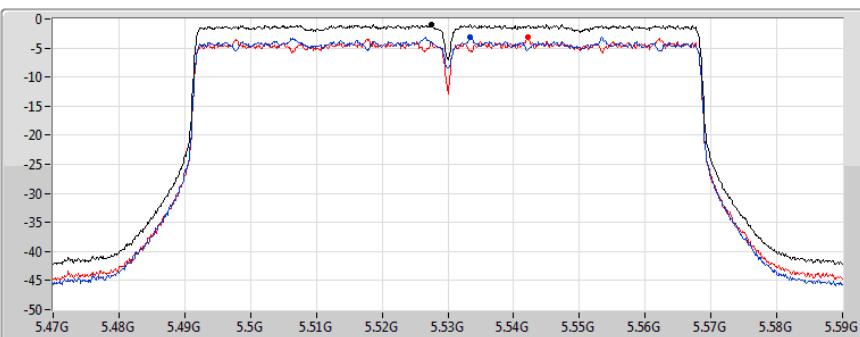


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

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



Sum
Port 1
Port 2

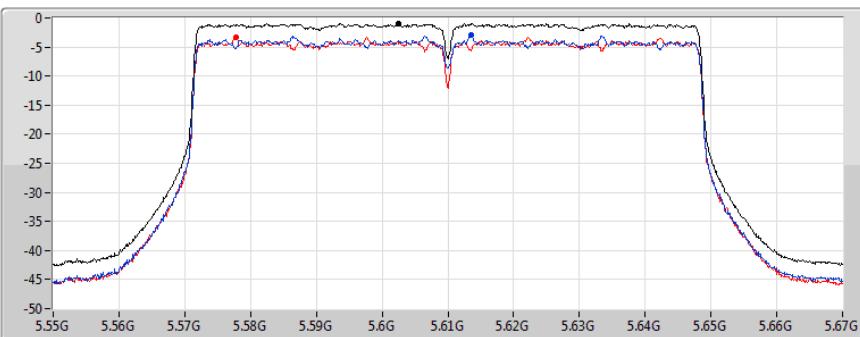
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.91	-0.91	-3.05	-3.20

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

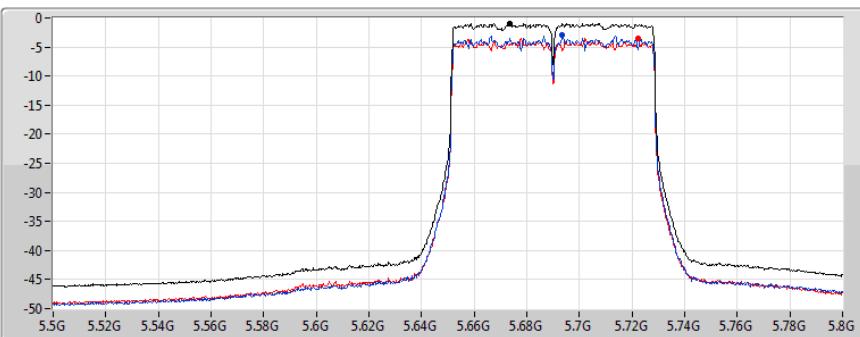
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.95	-0.95	-2.99	-3.31

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

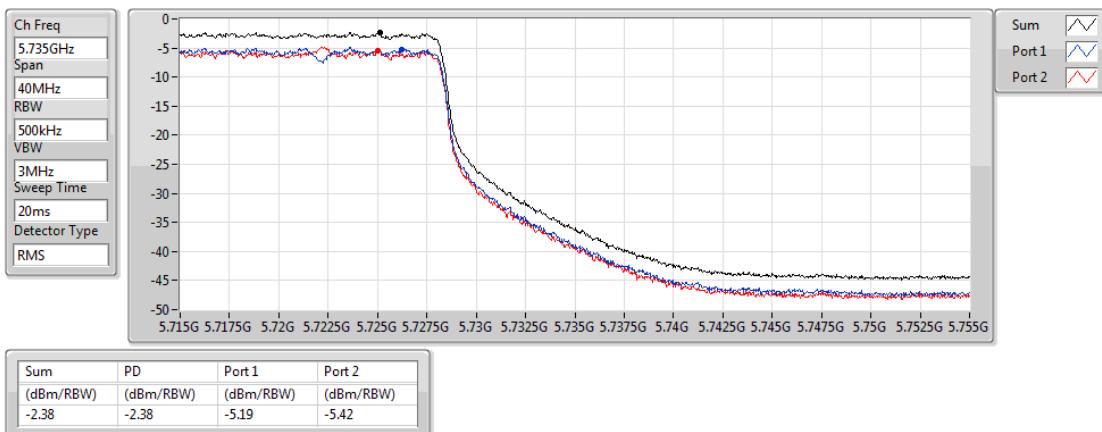
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.95	-0.95	-2.94	-3.50



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

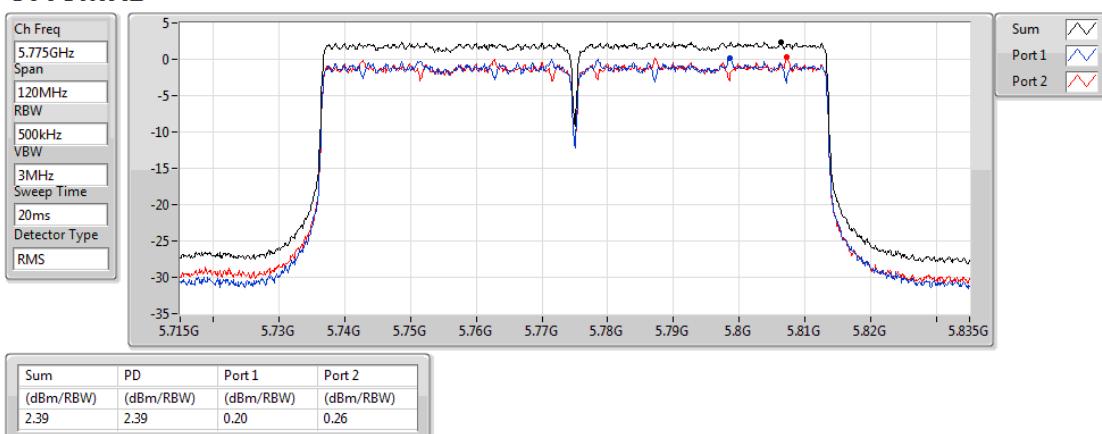
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz





For Set 3 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-
5.15-5.25GHz	8.98
5.25-5.35GHz	2.81
5.47-5.725GHz	2.97
5.725-5.85GHz	11.56
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	8.99
5.25-5.35GHz	2.85
5.47-5.725GHz	2.93
5.725-5.85GHz	11.49
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	8.59
5.25-5.35GHz	2.73
5.47-5.725GHz	2.98
5.725-5.85GHz	8.93
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	1.23
5.25-5.35GHz	1.28
5.47-5.725GHz	0.96
5.725-5.85GHz	3.51

RBW = 500kHz 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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	14.00	4.49	4.19	4.32	8.98	9.00
5200MHz	Pass	14.00	4.16	3.74	4.08	8.61	9.00
5240MHz	Pass	14.00	4.37	3.87	4.52	8.62	9.00
5260MHz	Pass	14.00	-1.54	-1.88	-1.29	2.70	3.00
5300MHz	Pass	14.00	-1.00	-1.56	-0.98	2.73	3.00
5320MHz	Pass	14.00	-0.92	-1.68	-1.30	2.81	3.00
5500MHz	Pass	14.00	-1.03	-1.76	-2.40	2.77	3.00
5580MHz	Pass	14.00	-1.14	-2.03	-2.30	2.76	3.00
5700MHz	Pass	14.00	-1.78	-1.53	-1.75	2.97	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.00	-1.73	-1.60	-1.98	2.93	3.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.00	-3.17	-3.19	-3.27	1.52	22.00
5745MHz	Pass	14.00	6.78	6.93	6.78	11.49	22.00
5785MHz	Pass	14.00	6.52	7.00	7.06	11.56	22.00
5825MHz	Pass	14.00	6.65	6.67	6.91	11.38	22.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	14.00	4.46	4.32	3.99	8.99	9.00
5200MHz	Pass	14.00	4.49	4.37	4.02	8.97	9.00
5240MHz	Pass	14.00	4.18	4.02	4.34	8.74	9.00
5260MHz	Pass	14.00	-1.60	-1.72	-1.35	2.85	3.00
5300MHz	Pass	14.00	-1.30	-2.03	-0.85	2.64	3.00
5320MHz	Pass	14.00	-1.34	-1.92	-1.30	2.69	3.00
5500MHz	Pass	14.00	-0.70	-1.83	-2.42	2.92	3.00
5580MHz	Pass	14.00	-0.96	-1.77	-2.54	2.91	3.00
5700MHz	Pass	14.00	-1.89	-1.56	-1.73	2.93	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.00	-1.89	-1.70	-1.82	2.92	3.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.00	-3.34	-3.72	-3.90	1.02	22.00
5745MHz	Pass	14.00	6.49	6.66	6.60	11.27	22.00
5785MHz	Pass	14.00	6.41	6.95	7.11	11.49	22.00
5825MHz	Pass	14.00	6.46	6.59	6.84	11.38	22.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	14.00	3.06	2.41	2.67	7.30	9.00
5230MHz	Pass	14.00	4.52	3.71	4.25	8.59	9.00
5270MHz	Pass	14.00	-1.28	-2.07	-1.02	2.62	3.00
5310MHz	Pass	14.00	-0.98	-2.09	-1.16	2.73	3.00
5510MHz	Pass	14.00	-0.87	-1.78	-2.18	2.87	3.00
5550MHz	Pass	14.00	-0.97	-1.80	-2.03	2.96	3.00
5670MHz	Pass	14.00	-1.48	-1.90	-1.53	2.98	3.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.00	-1.78	-1.67	-2.04	2.86	3.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.00	-4.79	-4.38	-4.57	0.15	22.00
5755MHz	Pass	14.00	4.12	4.30	4.22	8.91	22.00
5795MHz	Pass	14.00	3.98	4.60	4.19	8.93	22.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

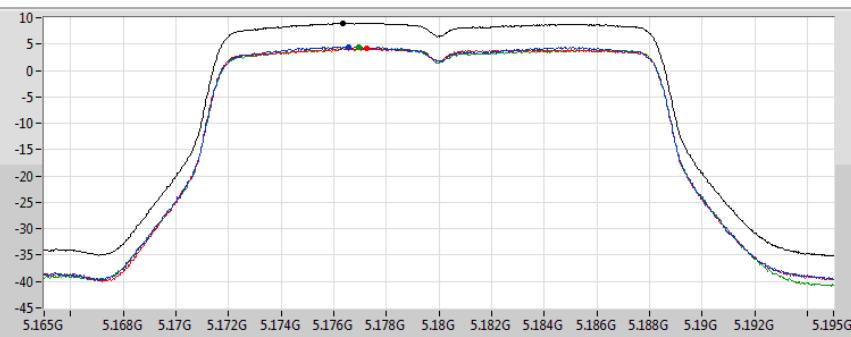
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	14.00	-3.08	-3.48	-3.08	1.23	9.00
5290MHz	Pass	14.00	-2.48	-3.13	-2.19	1.28	3.00
5530MHz	Pass	14.00	-3.37	-4.46	-4.54	0.34	3.00
5610MHz	Pass	14.00	-4.04	-4.42	-4.68	0.23	3.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.00	-3.61	-3.66	-3.75	0.96	3.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.00	-6.16	-5.75	-5.90	-1.16	22.00
5775MHz	Pass	14.00	-1.26	-1.10	-1.20	3.51	22.00

DG = Directional Gain; **RBW** = 500kHz 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_(6Mbps)_3TX****PSD****5180MHz**

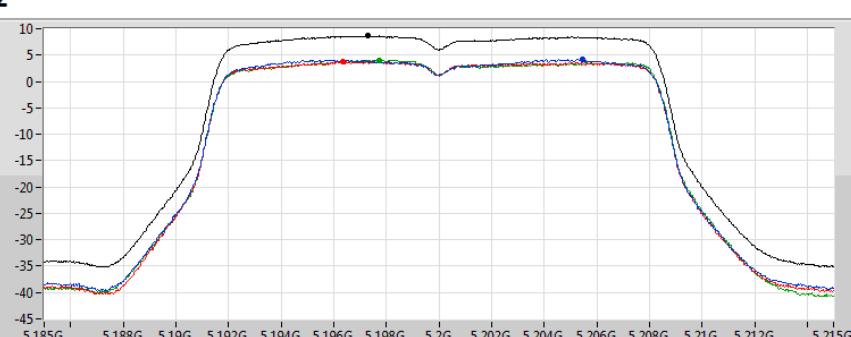
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

802.11a_(6Mbps)_3TX**PSD****5200MHz**

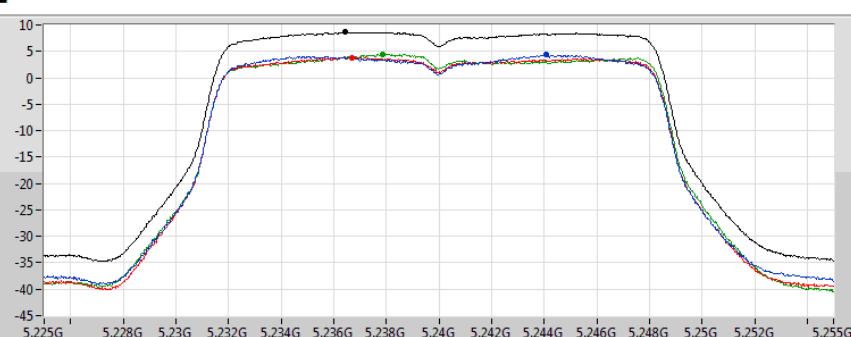
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
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Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

802.11a_(6Mbps)_3TX**PSD****5240MHz**

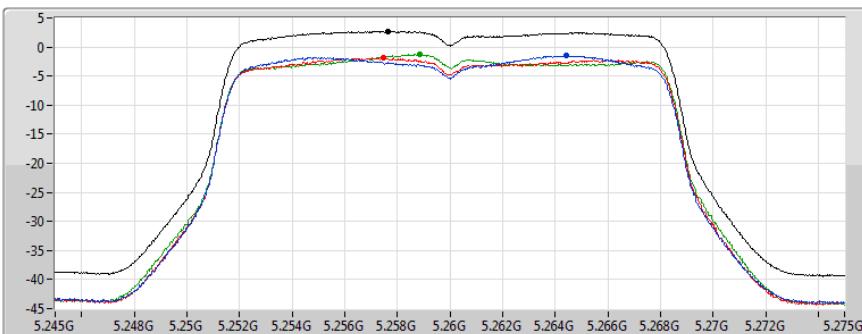
Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

**802.11a_(6Mbps)_3TX****PSD****5260MHz**

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

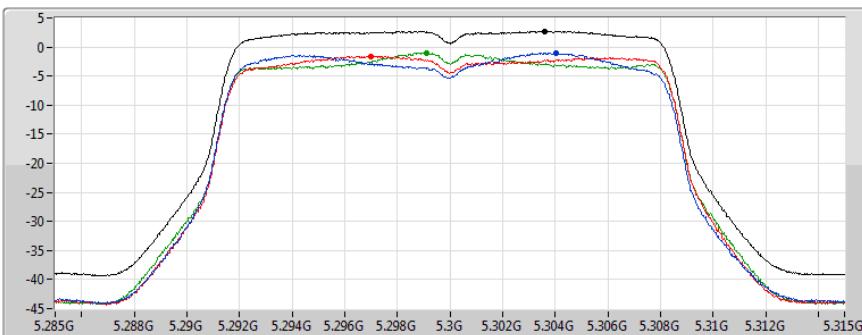


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-1.54	-1.88	-1.29

802.11a_(6Mbps)_3TX**PSD****5300MHz**

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

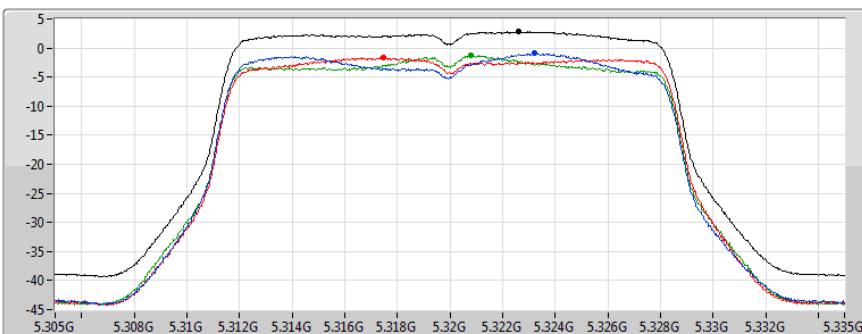


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-1.00	-1.56	-0.98

802.11a_(6Mbps)_3TX**PSD****5320MHz**

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	-0.92	-1.68	-1.30

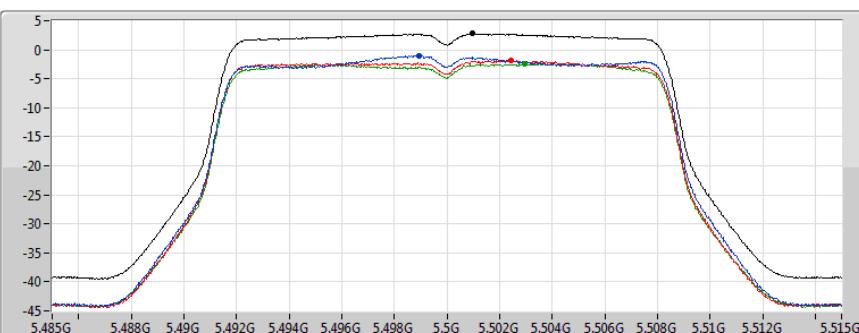


802.11a_(6Mbps)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

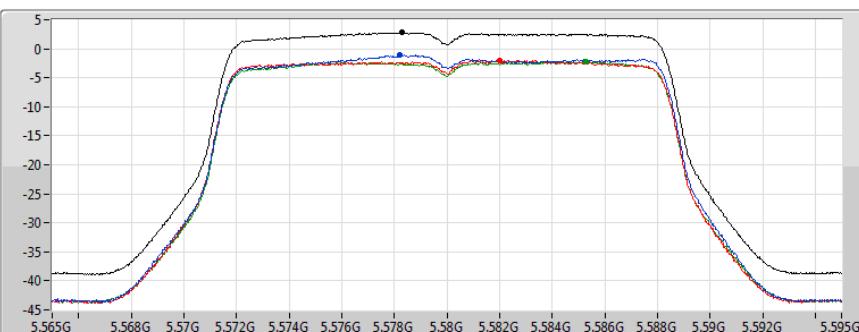
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	-1.03	-1.76	-2.40

802.11a_(6Mbps)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

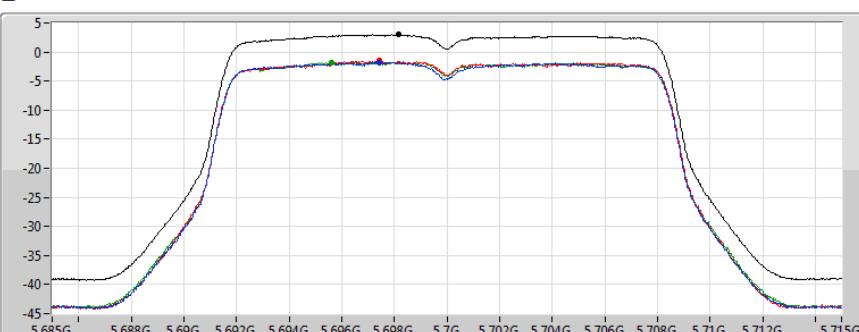
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.76	2.76	-1.14	-2.03	-2.30

802.11a_(6Mbps)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

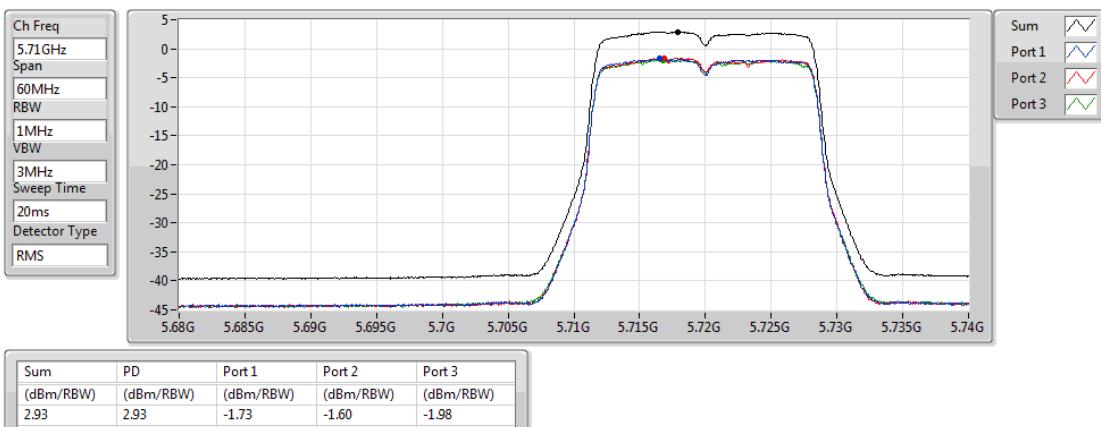
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-1.78	-1.53	-1.75



802.11a_(6Mbps)_3TX

PSD

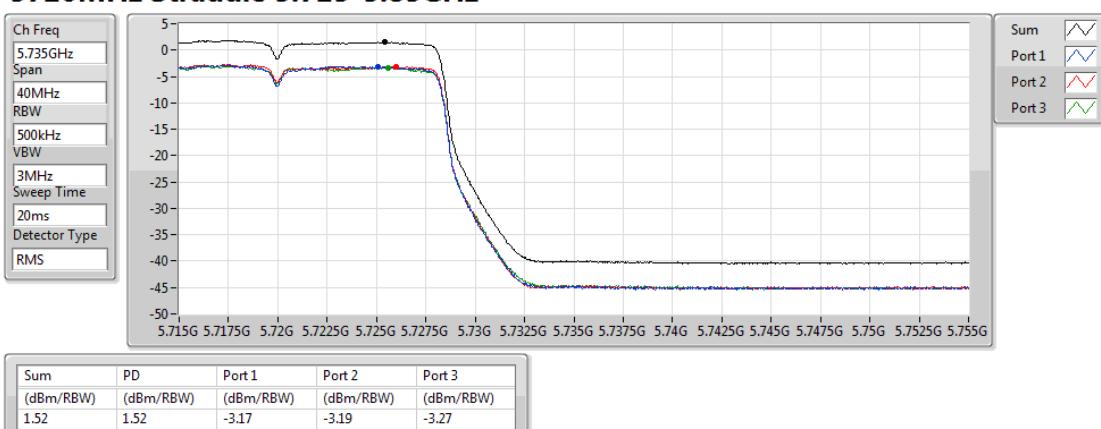
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

PSD

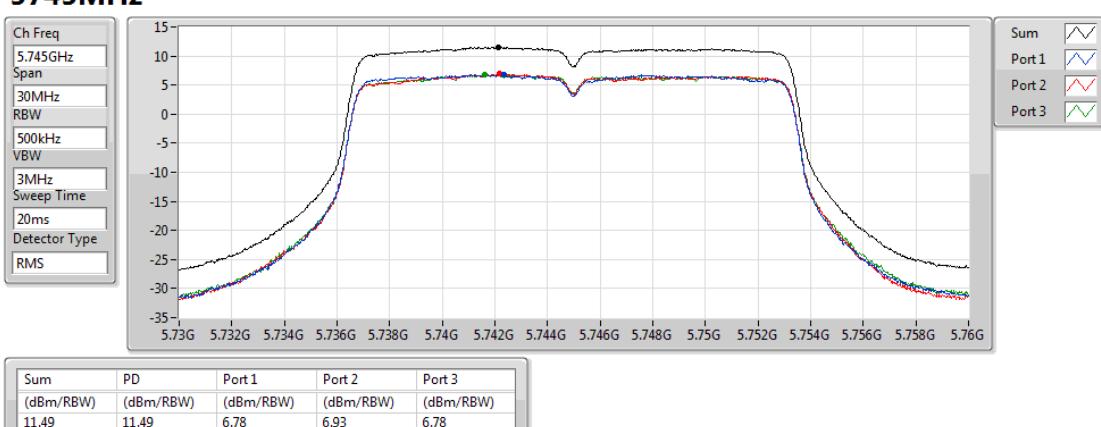
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_3TX

PSD

5745MHz



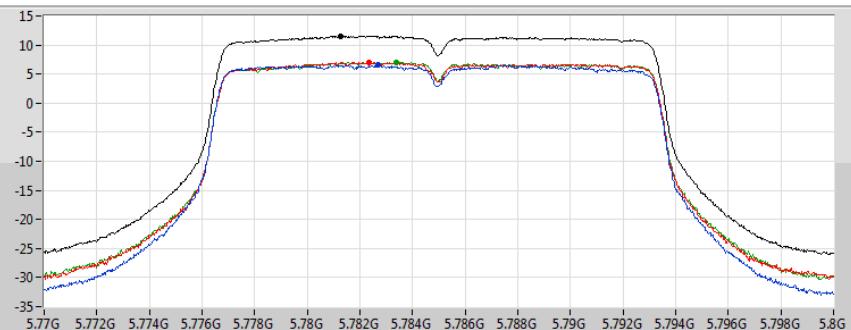


802.11a_(6Mbps)_3TX

PSD

5785MHz

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



Sum
Port 1
Port 2
Port 3

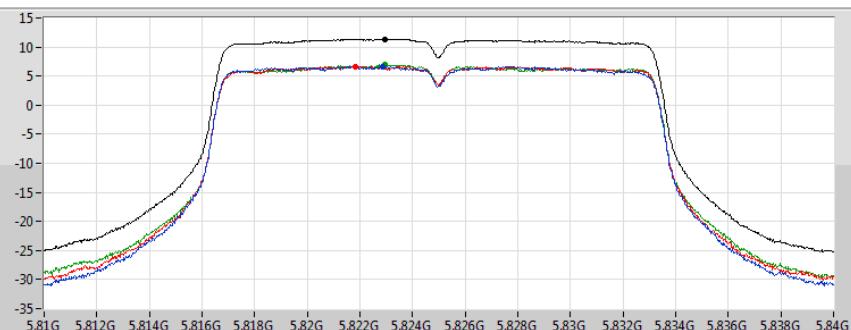
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.56	11.56	6.52	7.00	7.06

802.11a_(6Mbps)_3TX

PSD

5825MHz

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



Sum
Port 1
Port 2
Port 3

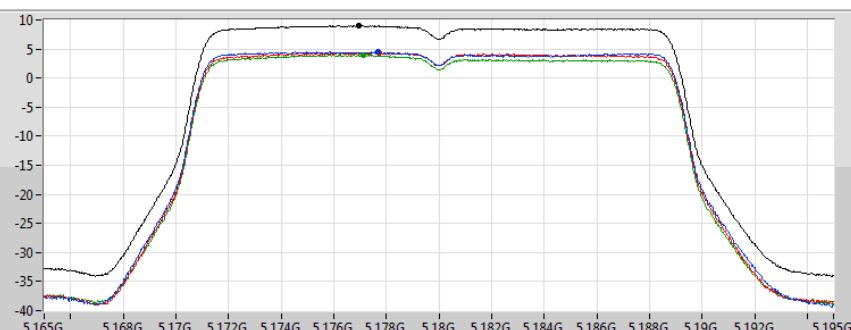
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	6.65	6.67	6.91

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	4.46	4.32	3.99

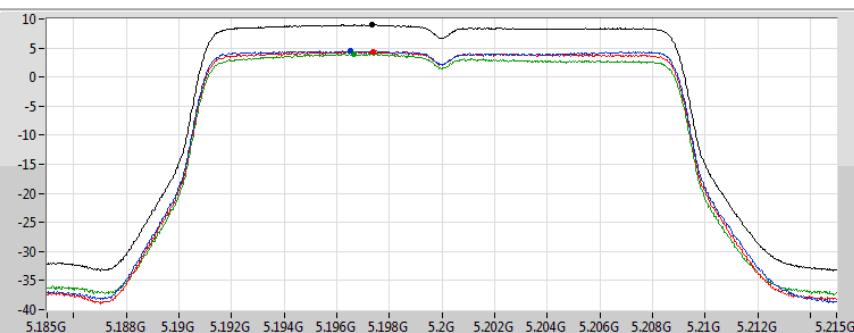


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

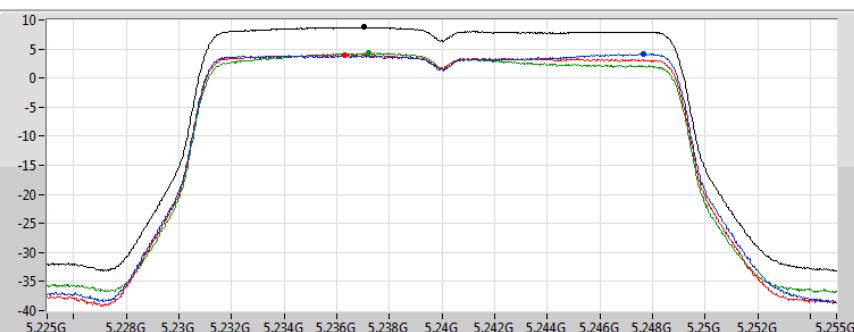
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	4.49	4.37	4.02

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

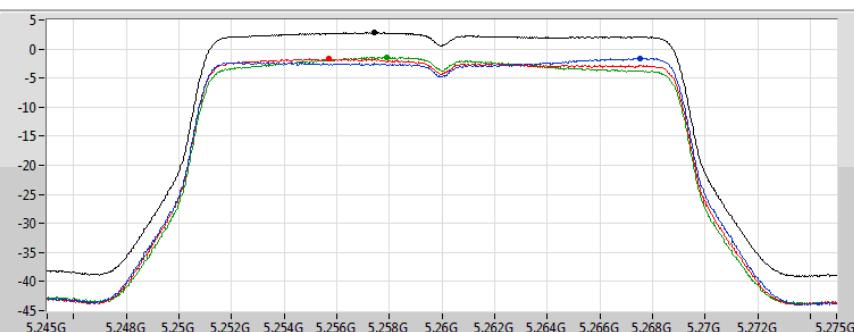
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	4.18	4.02	4.34

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-1.60	-1.72	-1.35

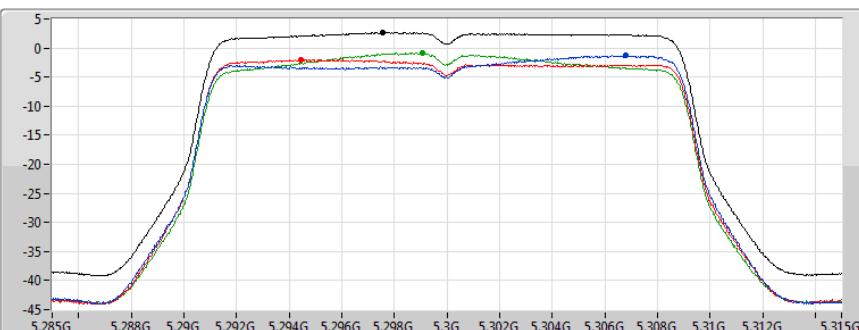


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



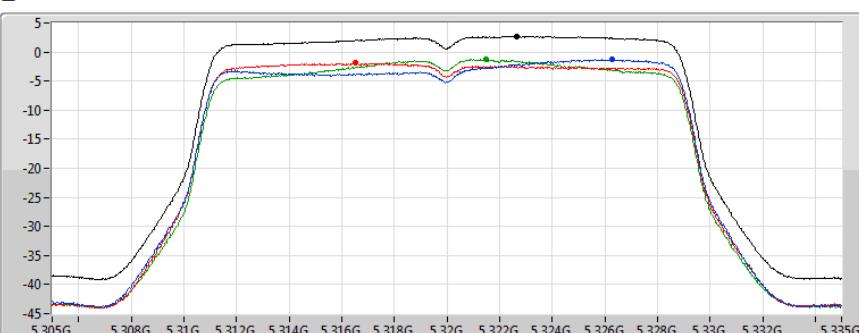
Sum
Port 1
Port 2
Port 3

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



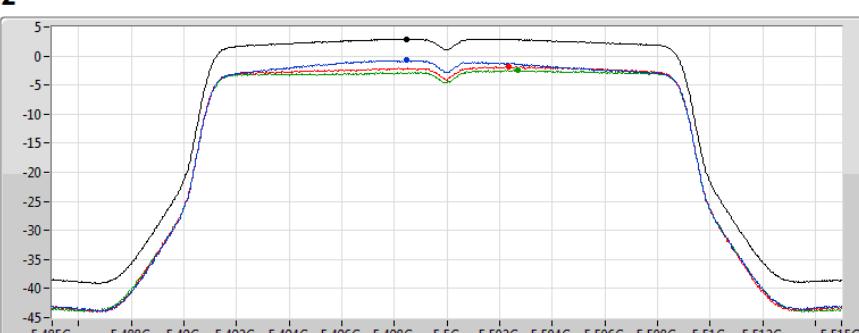
Sum
Port 1
Port 2
Port 3

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	-1.30	-2.03	-0.85

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.69	2.69	-1.34	-1.92	-1.30

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-0.70	-1.83	-2.42

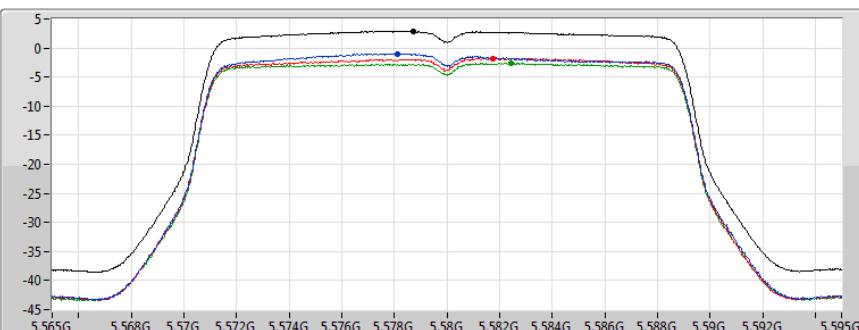


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

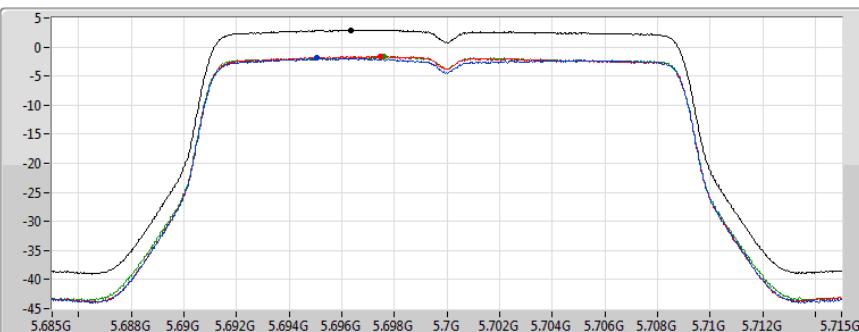
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-0.96	-1.77	-2.54

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

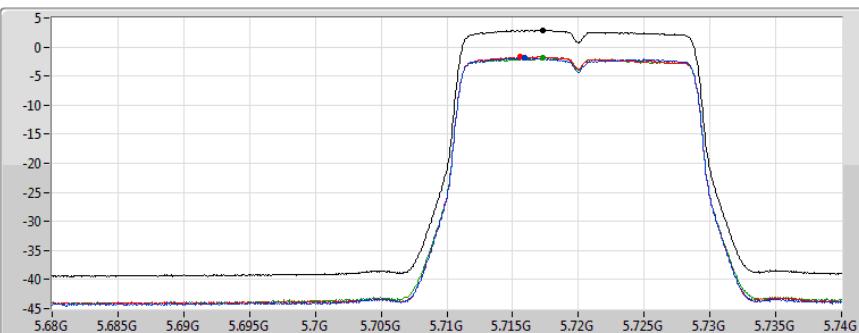
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.93	2.93	-1.89	-1.56	-1.73

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

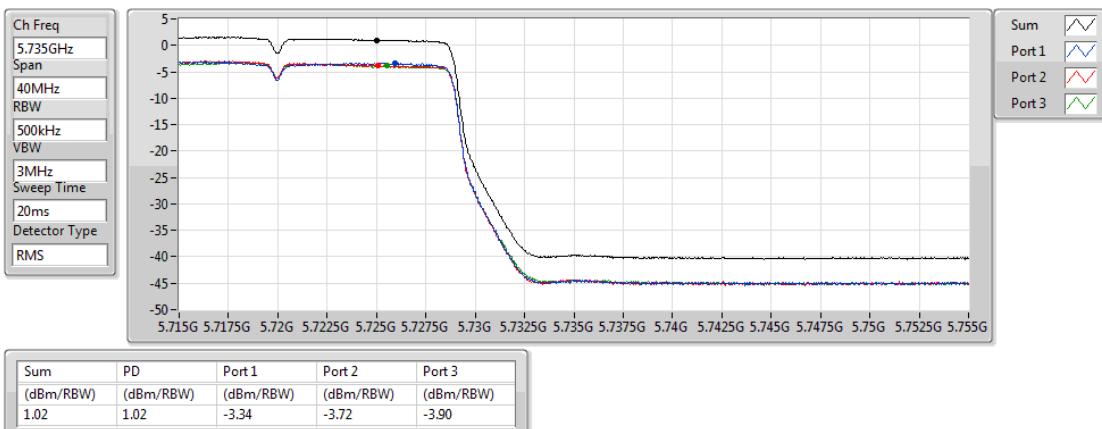
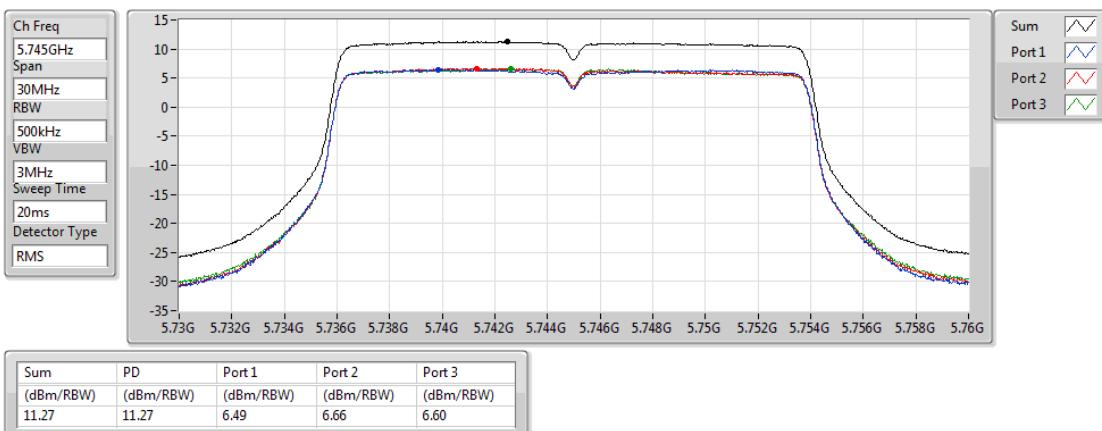
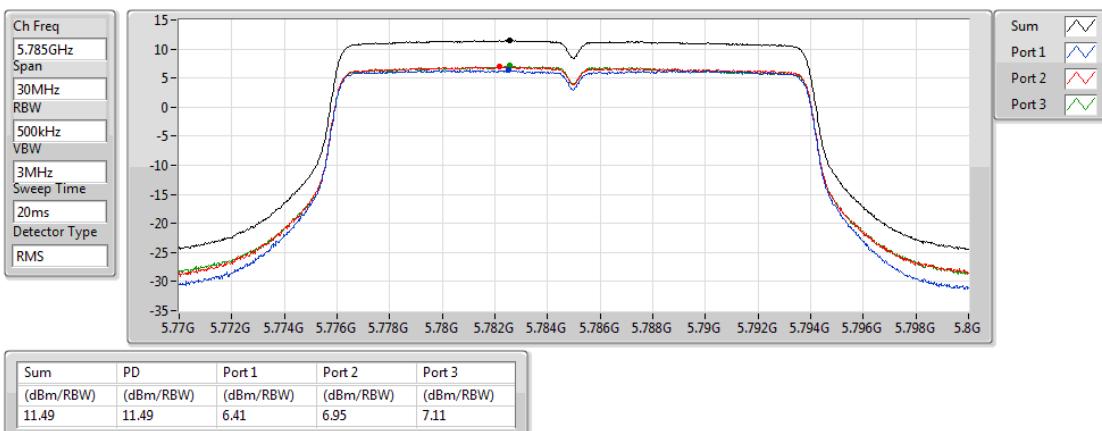
5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-1.89	-1.70	-1.82

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT20_Nss1,(MCS0)_3TX
5745MHz****PSD****802.11ac VHT20_Nss1,(MCS0)_3TX
5785MHz****PSD**

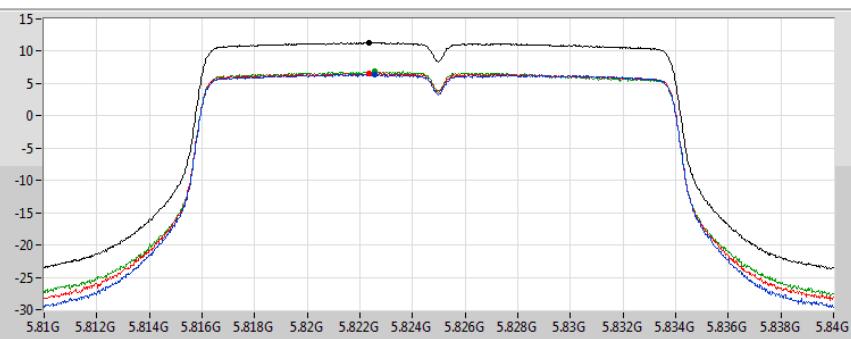


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5825MHz

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



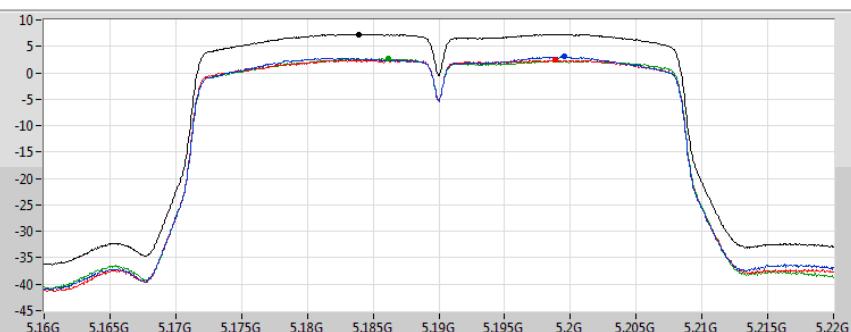
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	6.46	6.59	6.84

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5190MHz

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



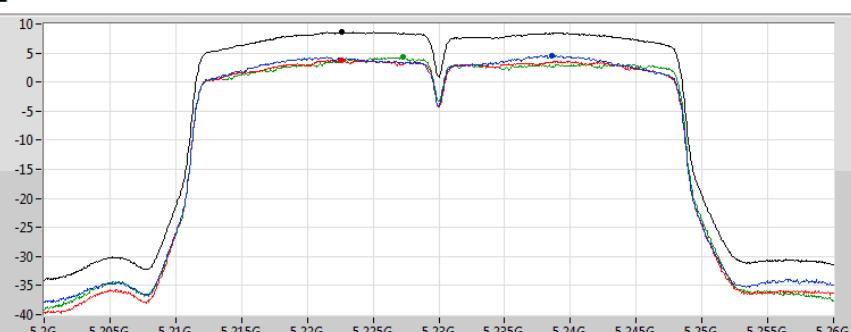
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.30	7.30	3.06	2.41	2.67

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	4.52	3.71	4.25

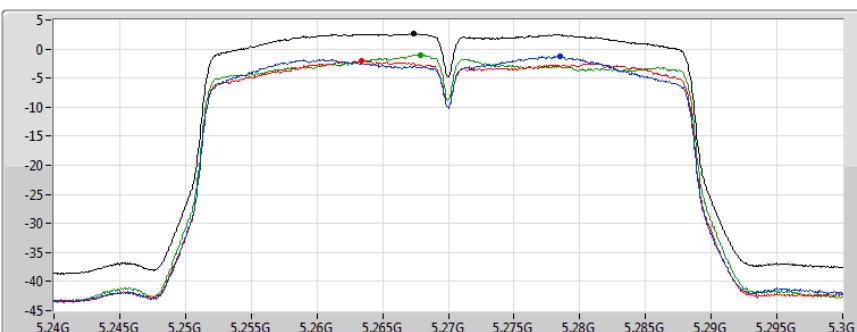


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	~
Port 1	~
Port 2	~
Port 3	~

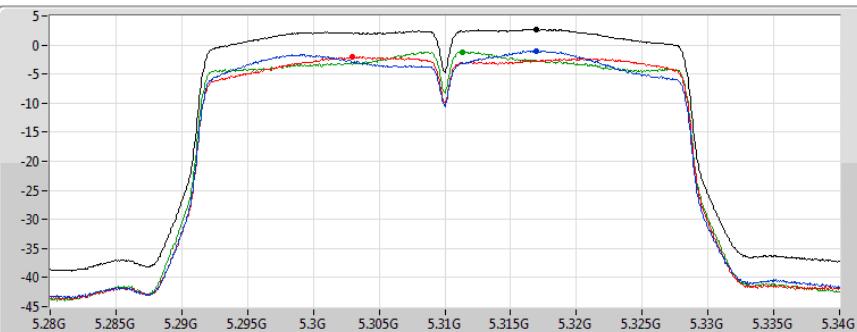
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.62	2.62	-1.28	-2.07	-1.02

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	~
Port 1	~
Port 2	~
Port 3	~

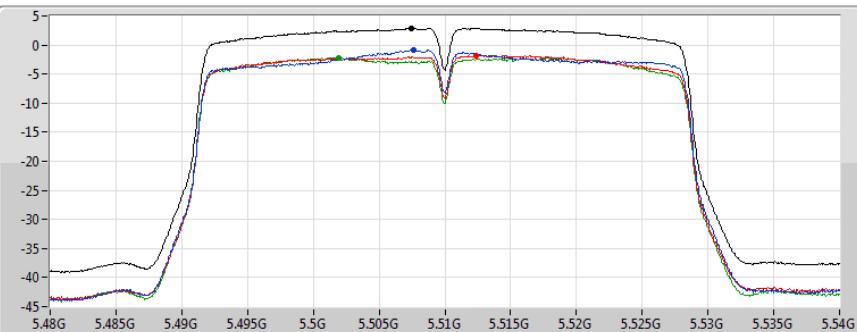
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-0.98	-2.09	-1.16

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	~
Port 1	~
Port 2	~
Port 3	~

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-0.87	-1.78	-2.18

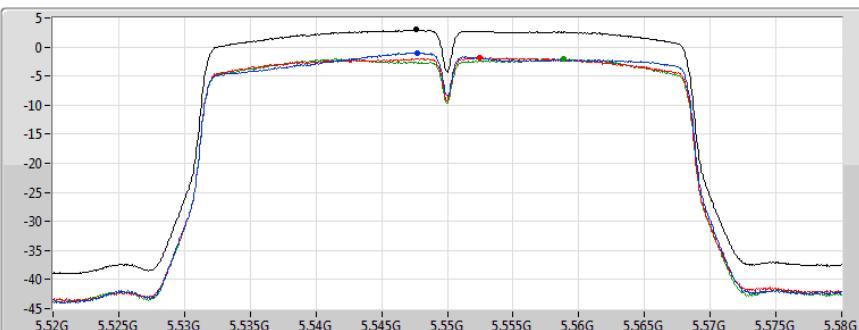


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

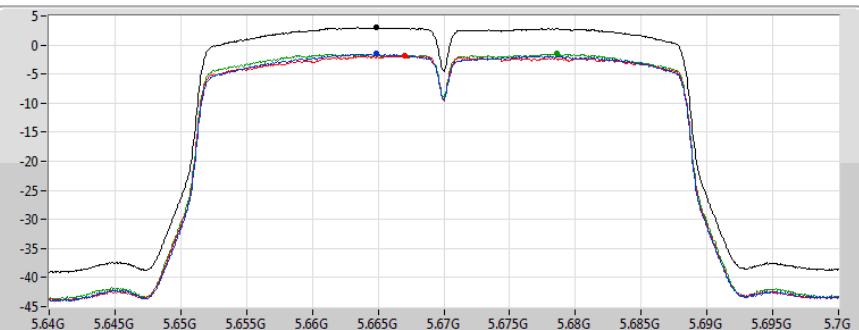
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	-0.97	-1.80	-2.03

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

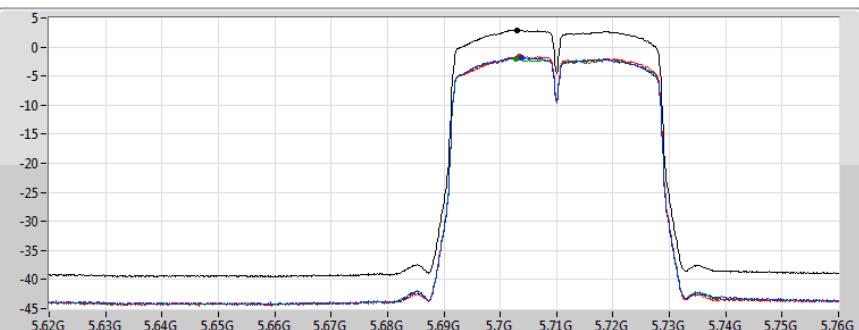
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.98	2.98	-1.48	-1.90	-1.53

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

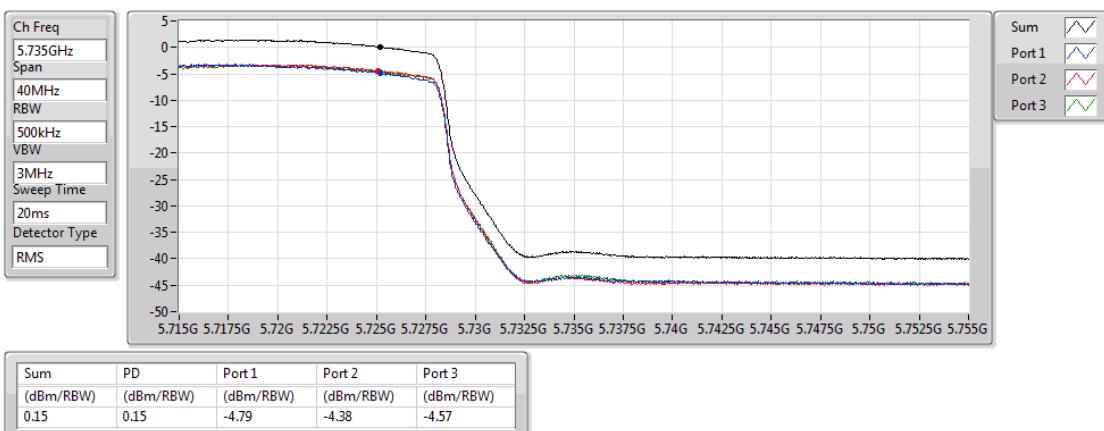
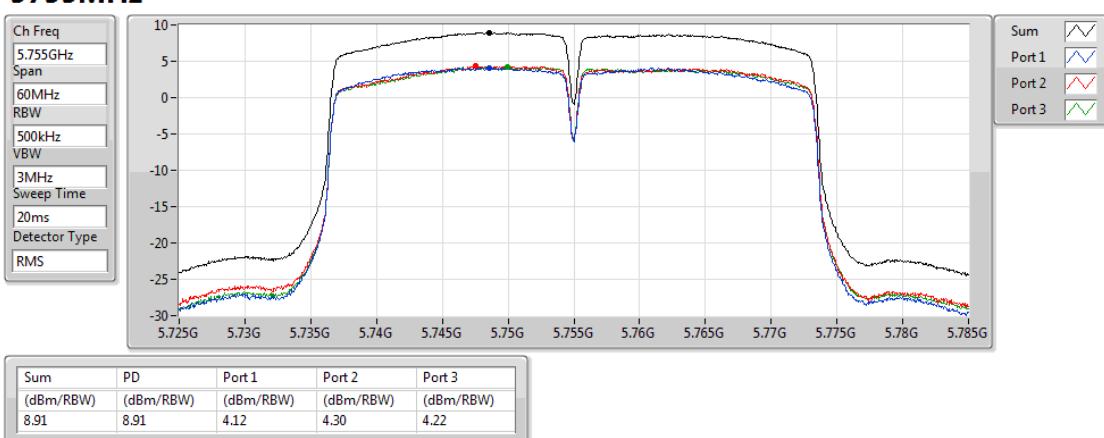
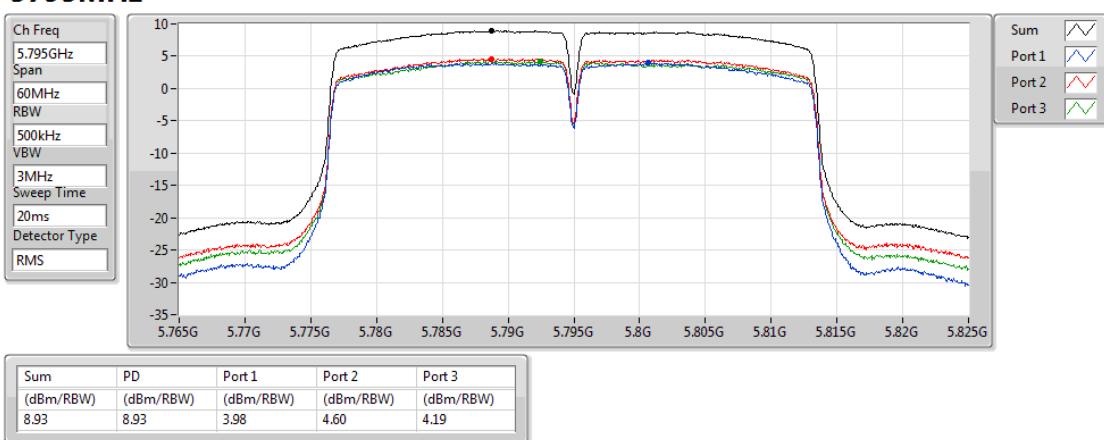
5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.86	2.86	-1.78	-1.67	-2.04

**802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_3TX
5795MHz****PSD**

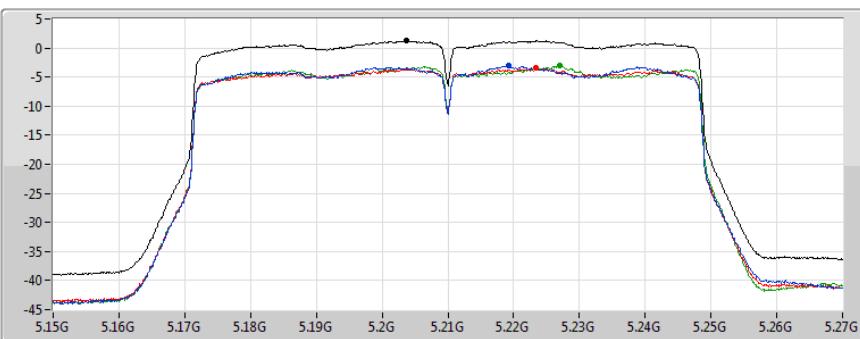


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5210MHz

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



Sum
Port 1
Port 2
Port 3

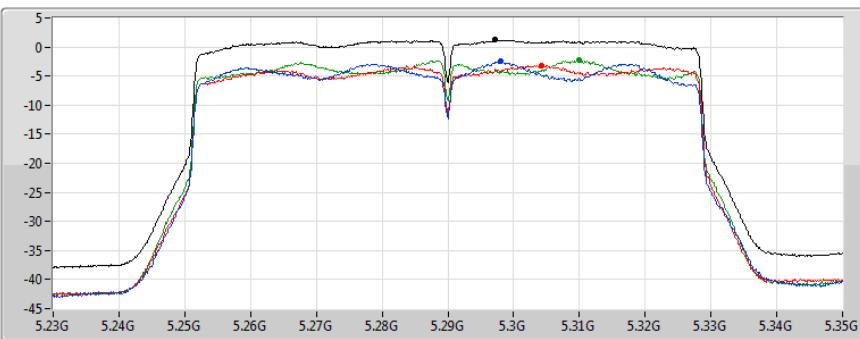
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	-3.08	-3.48	-3.08

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5290MHz

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



Sum
Port 1
Port 2
Port 3

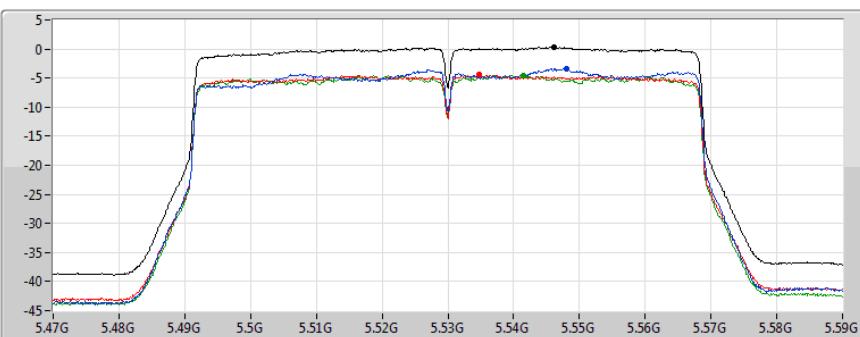
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.28	1.28	-2.48	-3.13	-2.19

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5530MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	-3.37	-4.46	-4.54



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



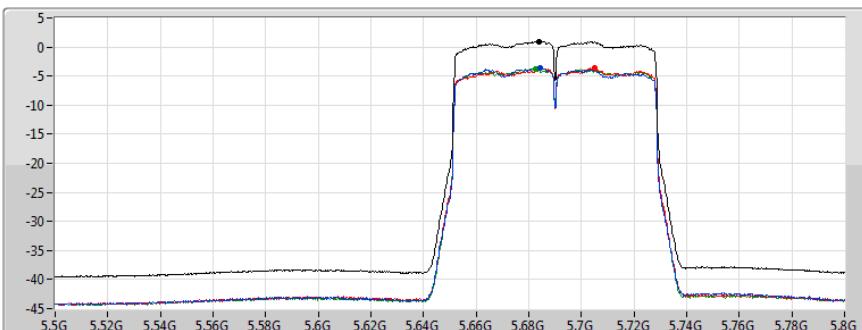
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



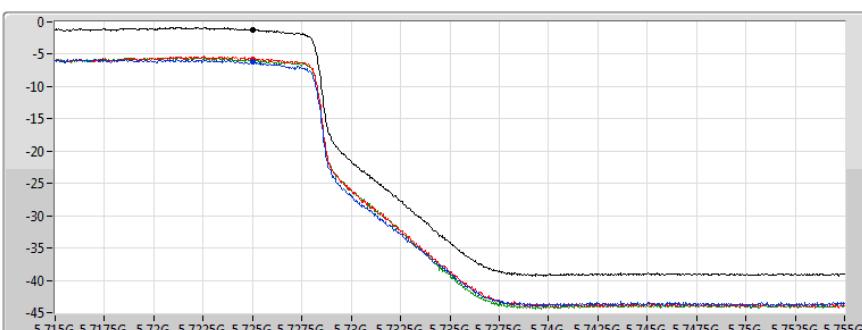
Sum
Port 1
Port 2
Port 3

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
0.23	0.23	-4.04	-4.42	-4.68

Sum	PD	Port 1	Port 2	Port 3
0.96	0.96	-3.61	-3.66	-3.75

Sum	PD	Port 1	Port 2	Port 3
-1.16	-1.16	-6.16	-5.75	-5.90

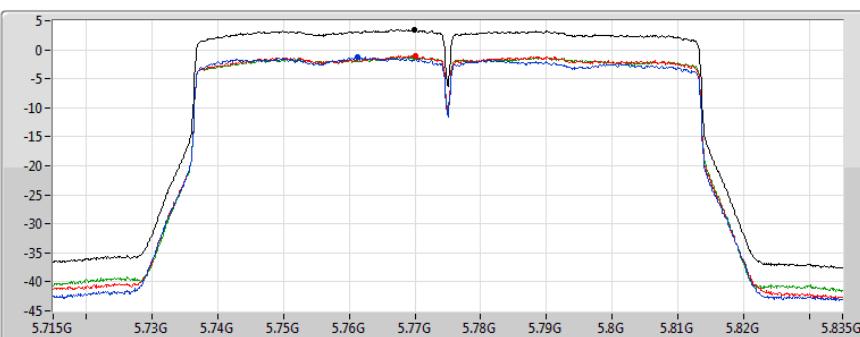


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	-1.26	-1.10	-1.20



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	8.88
5.25-5.35GHz	2.56
5.47-5.725GHz	2.55
5.725-5.85GHz	6.94
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	5.79
5.25-5.35GHz	-0.10
5.47-5.725GHz	0.32
5.725-5.85GHz	4.42
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	2.96
5.25-5.35GHz	-3.32
5.47-5.725GHz	-2.86
5.725-5.85GHz	1.55

RBW = 500kHz 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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	14.00	4.10	3.95	3.87	8.65	9.00
5200MHz	Pass	14.00	4.07	3.87	4.45	8.83	9.00
5240MHz	Pass	14.00	4.01	3.85	4.89	8.88	9.00
5260MHz	Pass	14.00	-2.33	-2.35	-1.38	2.46	3.00
5300MHz	Pass	14.00	-1.89	-2.13	-1.48	2.17	3.00
5320MHz	Pass	14.00	-1.72	-2.17	-1.20	2.56	3.00
5500MHz	Pass	14.00	-1.63	-2.42	-2.96	2.31	3.00
5580MHz	Pass	14.00	-1.59	-2.15	-2.47	2.55	3.00
5700MHz	Pass	14.00	-2.45	-1.97	-2.39	2.40	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.00	-2.42	-2.14	-2.56	2.29	3.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.00	-4.43	-4.41	-4.71	0.21	22.00
5745MHz	Pass	14.00	2.08	2.34	2.14	6.87	22.00
5785MHz	Pass	14.00	1.69	2.59	2.46	6.94	22.00
5825MHz	Pass	14.00	1.87	2.29	2.50	6.92	22.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	14.00	1.08	0.65	1.12	5.57	9.00
5230MHz	Pass	14.00	1.37	0.90	1.46	5.79	9.00
5270MHz	Pass	14.00	-4.50	-5.19	-4.41	-0.48	3.00
5310MHz	Pass	14.00	-3.99	-4.54	-4.20	-0.10	3.00
5510MHz	Pass	14.00	-4.35	-5.17	-5.23	-0.48	3.00
5550MHz	Pass	14.00	-4.41	-5.27	-5.28	-0.49	3.00
5670MHz	Pass	14.00	-5.06	-5.11	-4.74	-0.35	3.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.00	-4.53	-4.24	-4.46	0.32	3.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.00	-7.70	-7.20	-7.65	-2.81	22.00
5755MHz	Pass	14.00	-0.55	-0.09	-0.30	4.42	22.00
5795MHz	Pass	14.00	-1.34	-0.47	-0.62	3.86	22.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	14.00	-1.82	-1.97	-1.42	2.96	9.00
5290MHz	Pass	14.00	-7.41	-7.61	-6.89	-3.32	3.00
5530MHz	Pass	14.00	-6.59	-7.46	-7.59	-2.86	3.00
5610MHz	Pass	14.00	-7.76	-7.98	-7.54	-3.04	3.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.00	-7.89	-7.86	-7.50	-2.98	3.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.00	-10.23	-10.07	-9.93	-5.38	22.00
5775MHz	Pass	14.00	-3.29	-2.96	-2.98	1.55	22.00

DG = Directional Gain; **RBW** = 500kHz 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;

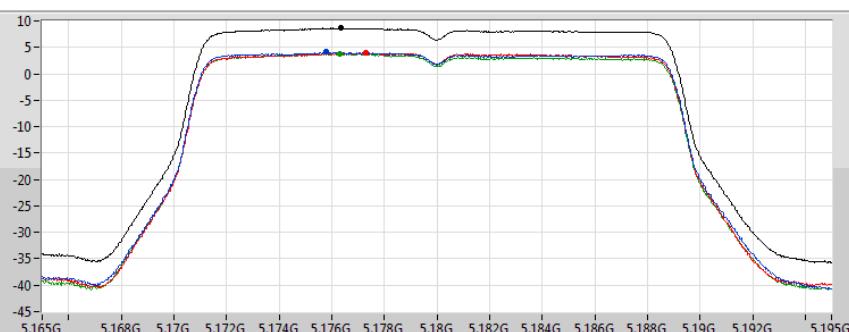


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

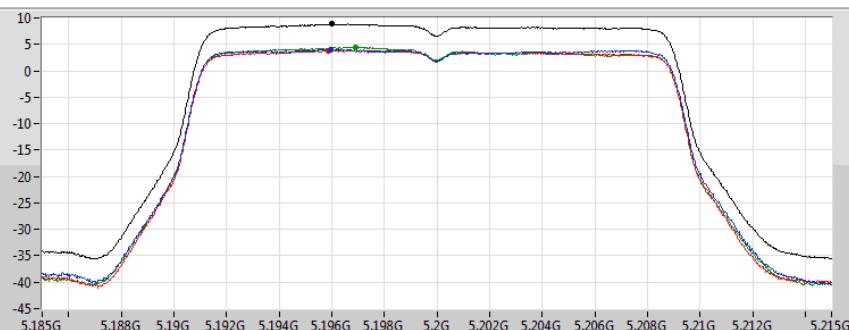
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	4.10	3.95	3.87

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

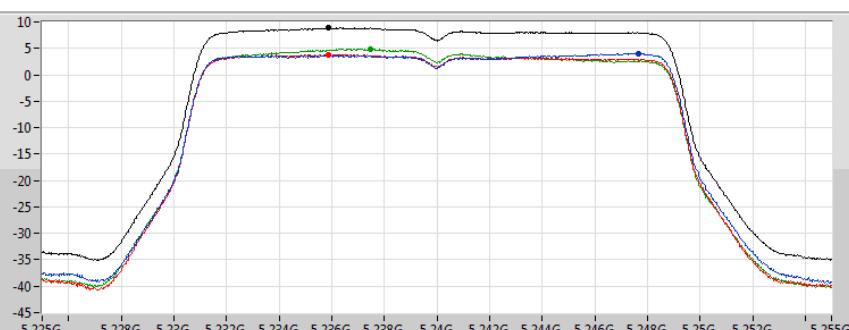
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	4.07	3.87	4.45

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	4.01	3.85	4.89

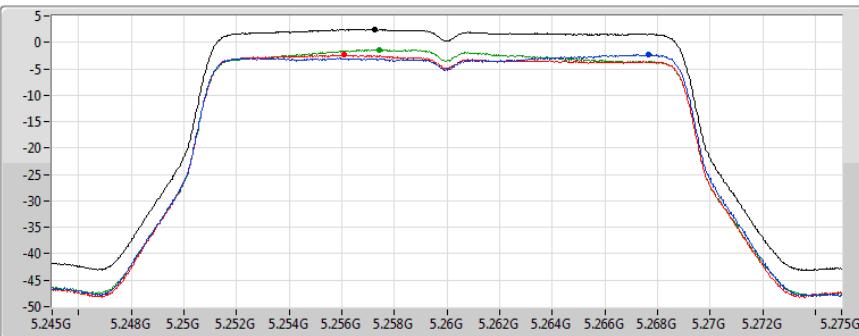


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

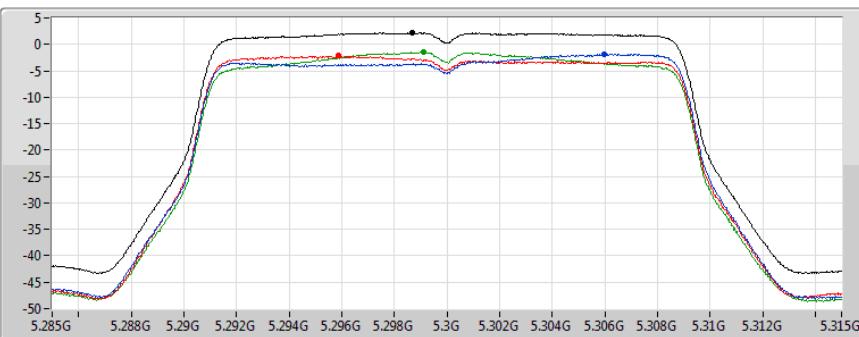
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-2.33	-2.35	-1.38

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

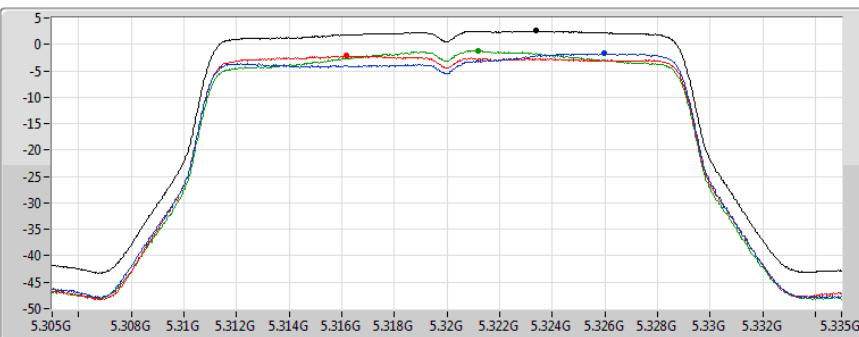
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	-1.89	-2.13	-1.48

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.56	2.56	-1.72	-2.17	-1.20

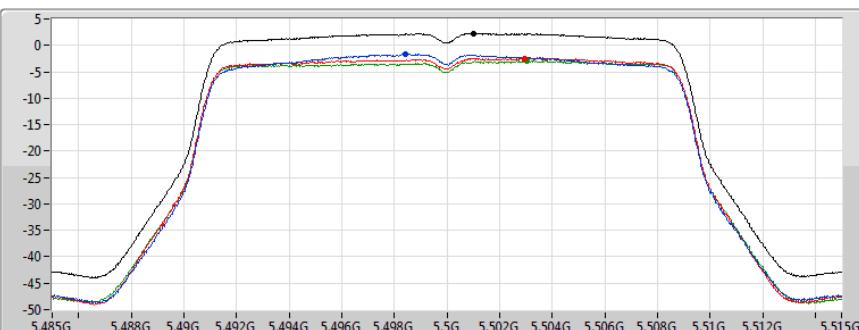


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

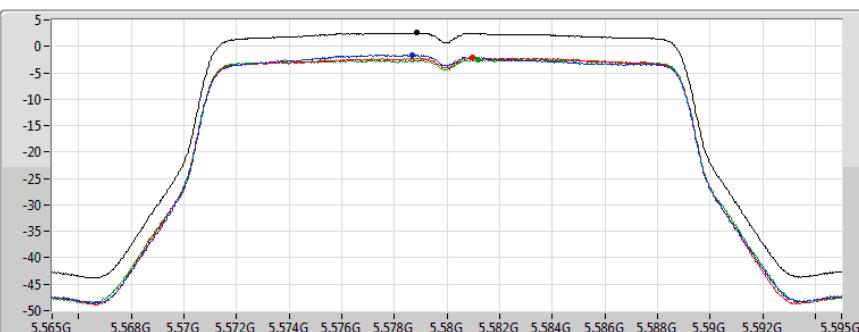
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.31	2.31	-1.63	-2.42	-2.96

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

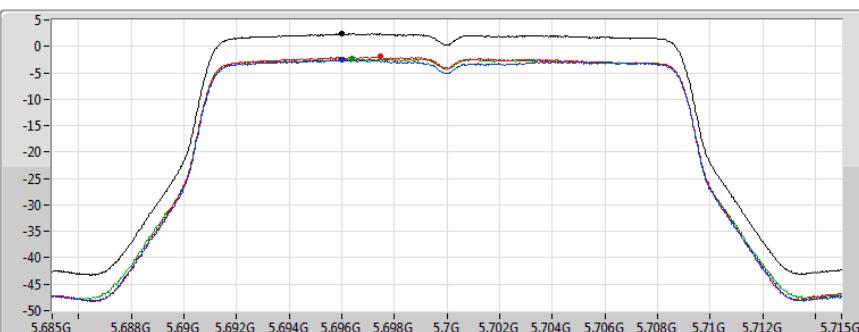
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-1.59	-2.15	-2.47

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

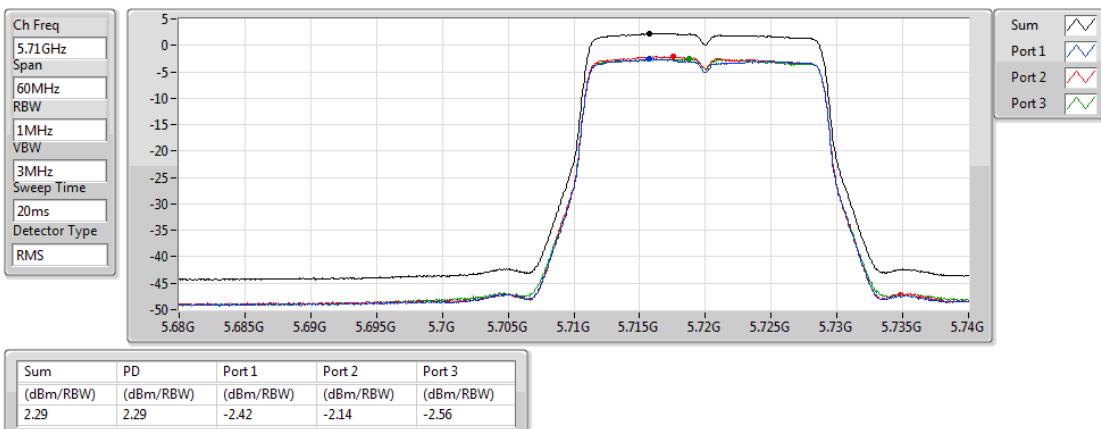
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-2.45	-1.97	-2.39



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

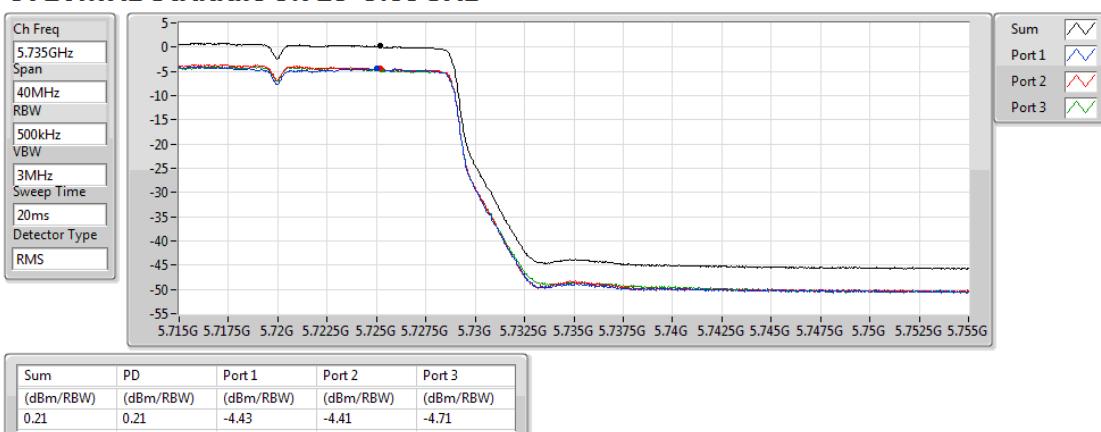
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

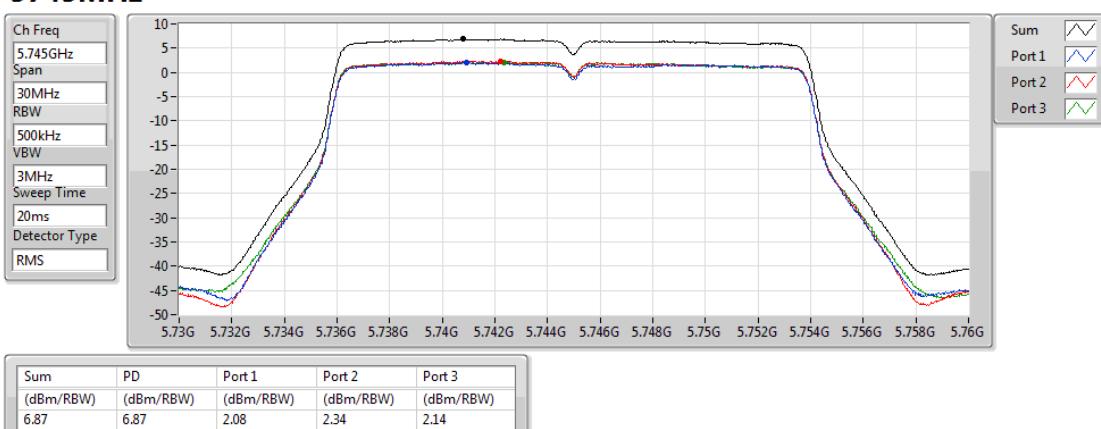
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5745MHz

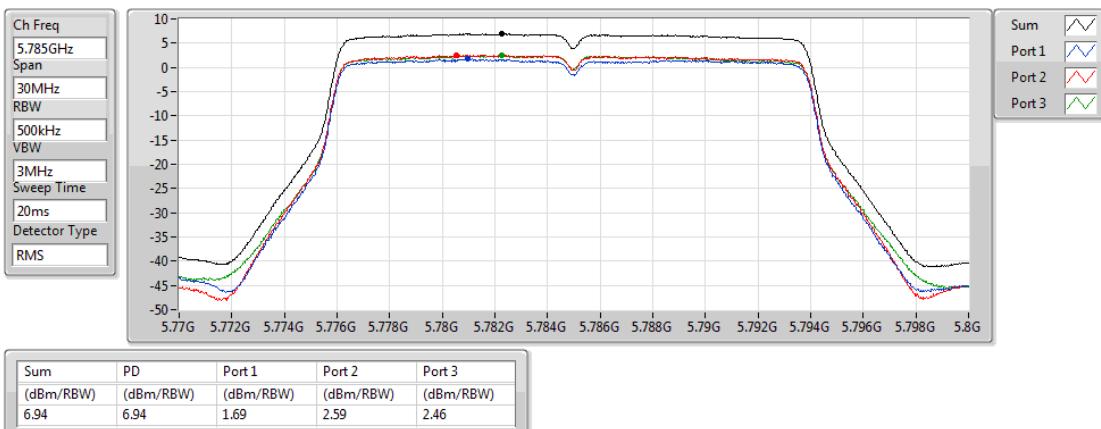




802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

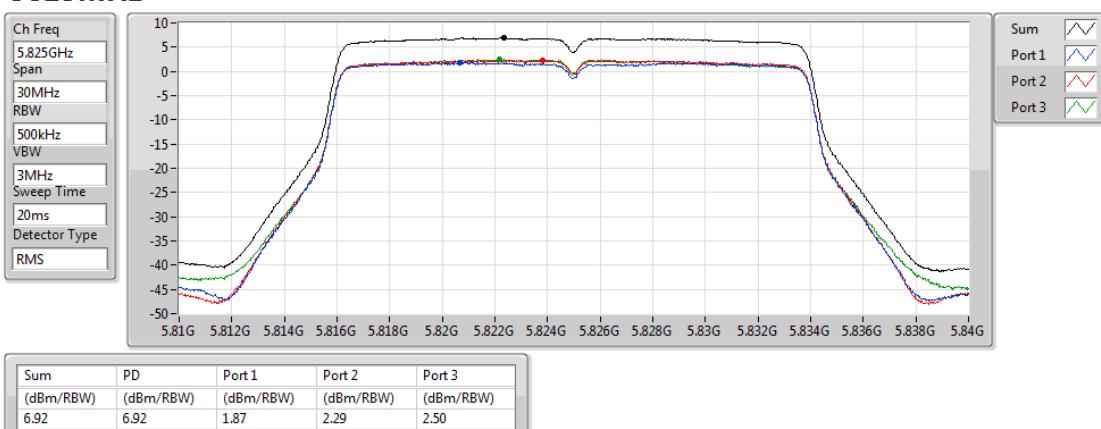
5785MHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

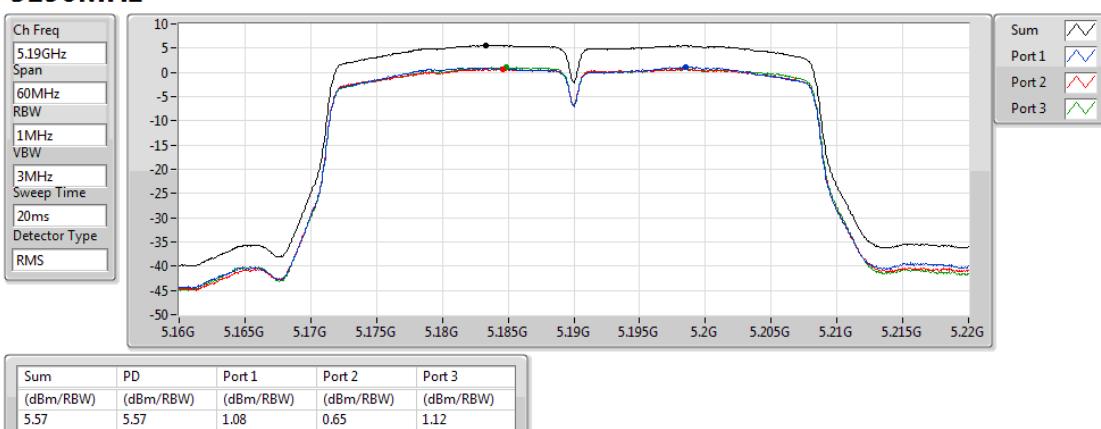
5825MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5190MHz



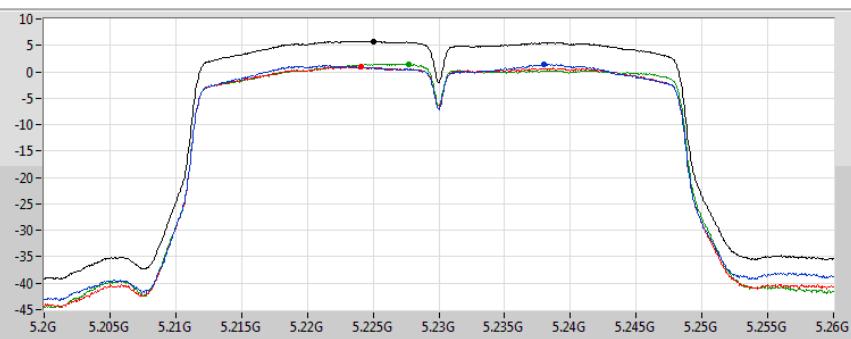


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum
Port 1
Port 2
Port 3

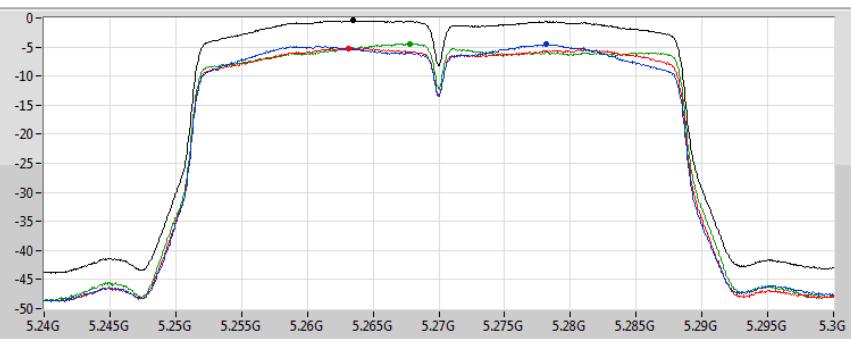
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	1.37	0.90	1.46

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

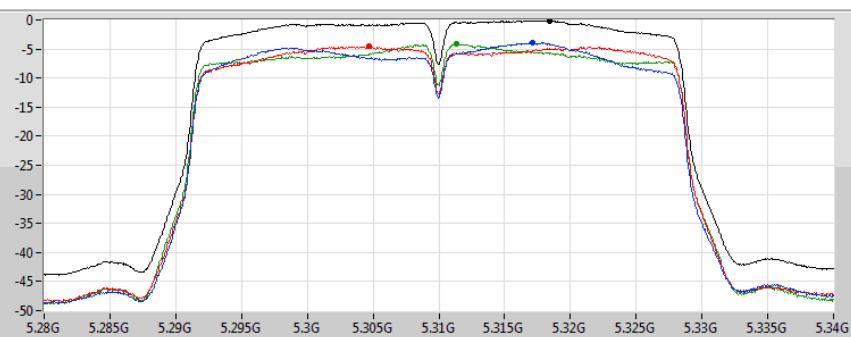
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-4.50	-5.19	-4.41

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-3.99	-4.54	-4.20

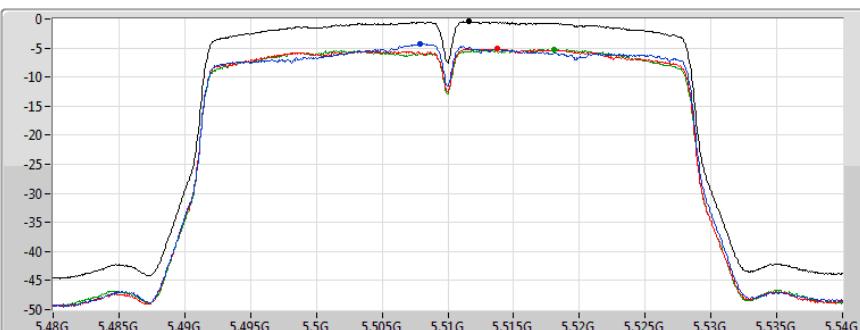


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

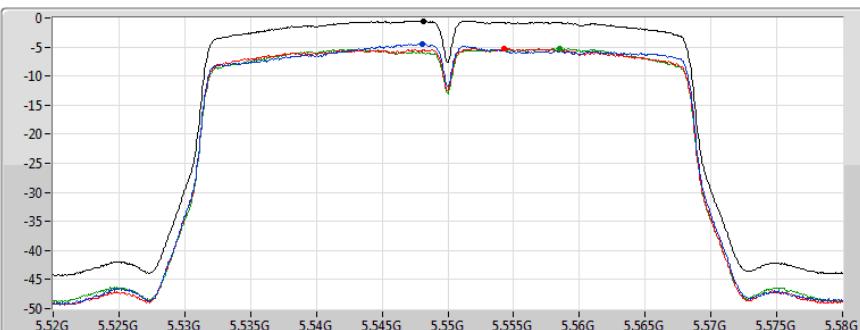
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-4.35	-5.17	-5.23

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

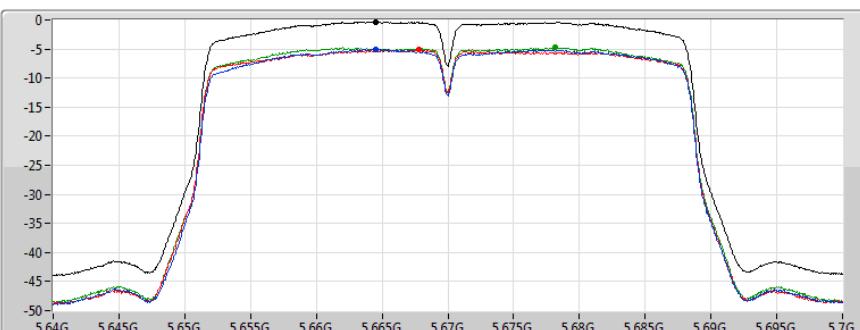
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.49	-0.49	-4.41	-5.27	-5.28

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

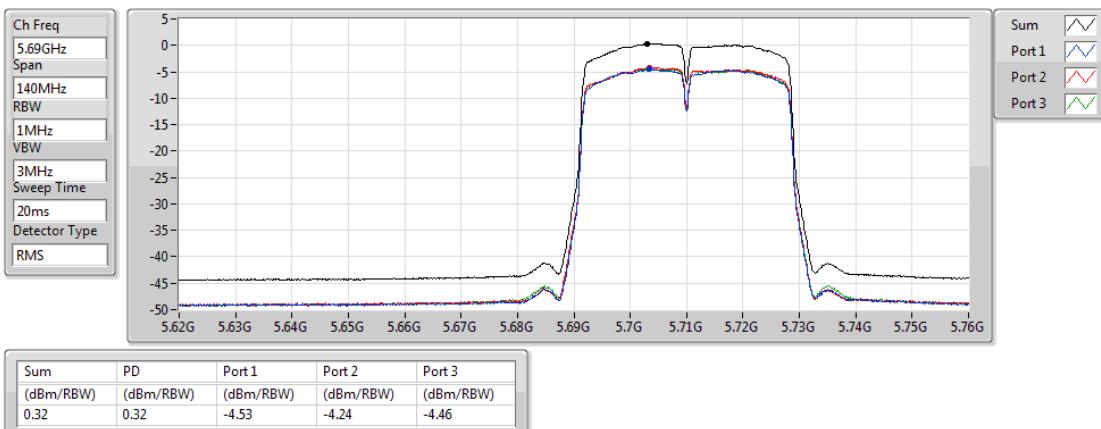
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.35	-0.35	-5.06	-5.11	-4.74



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

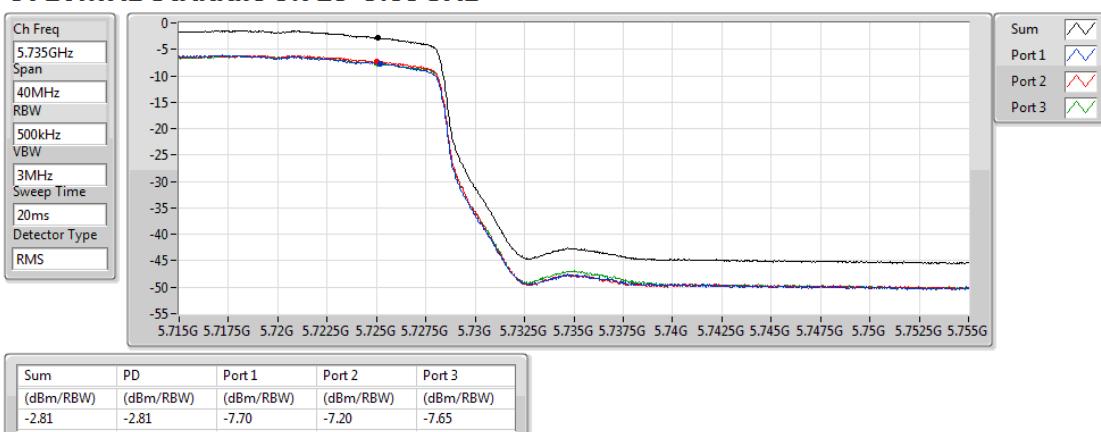
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

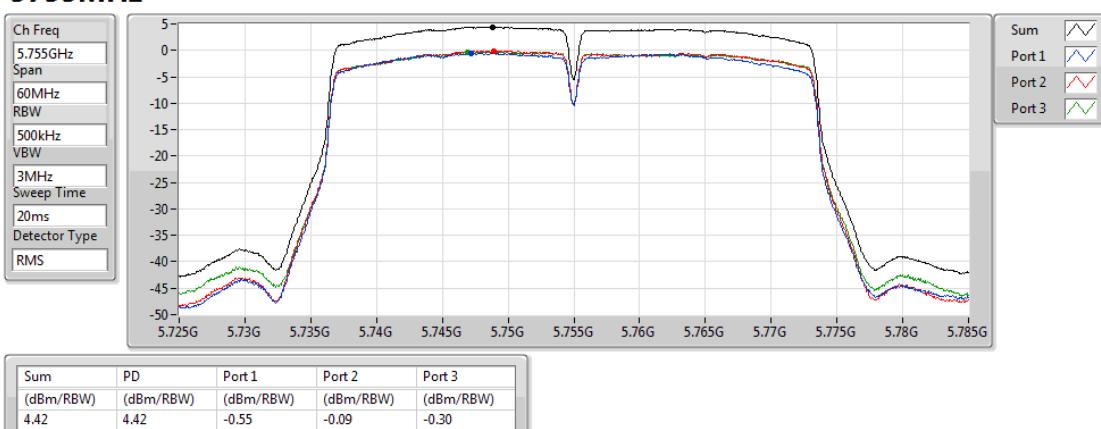
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5755MHz

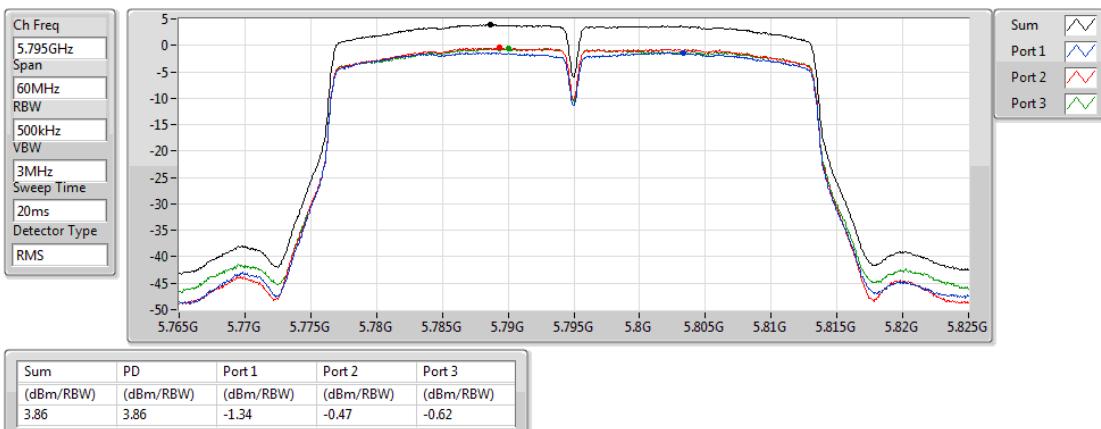




802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

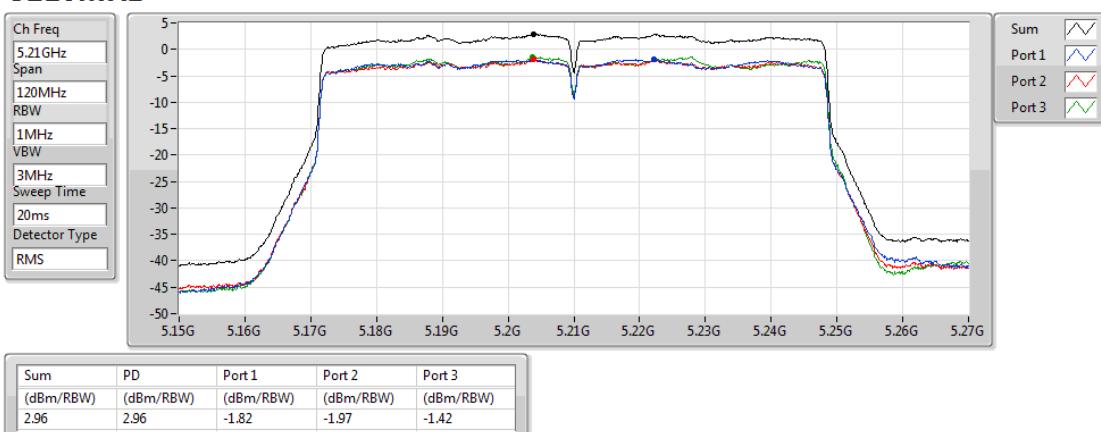
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

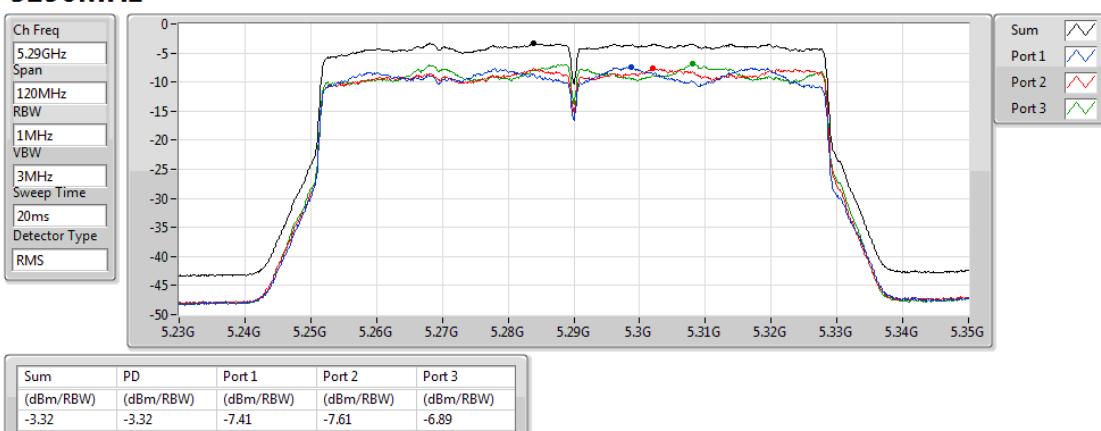
5210MHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5290MHz



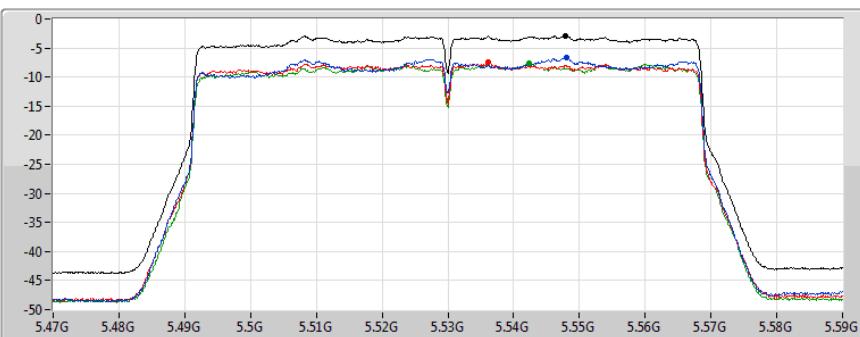


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5530MHz

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



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

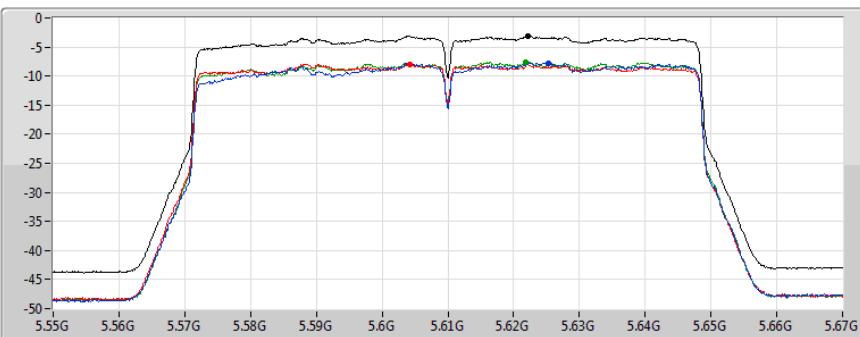
-2.86	-2.86	-6.59	-7.46	-7.59
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802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

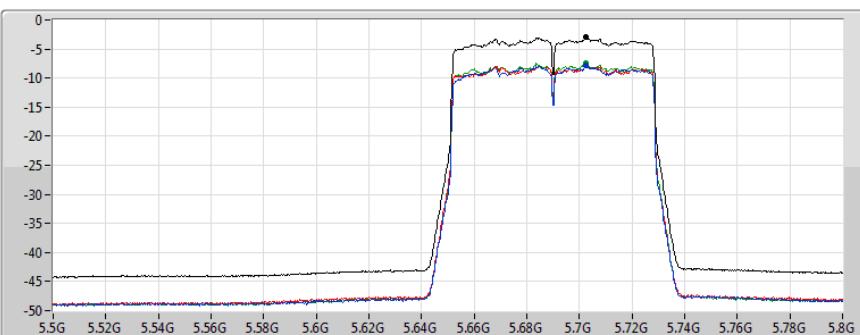
-3.04	-3.04	-7.76	-7.98	-7.54
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802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

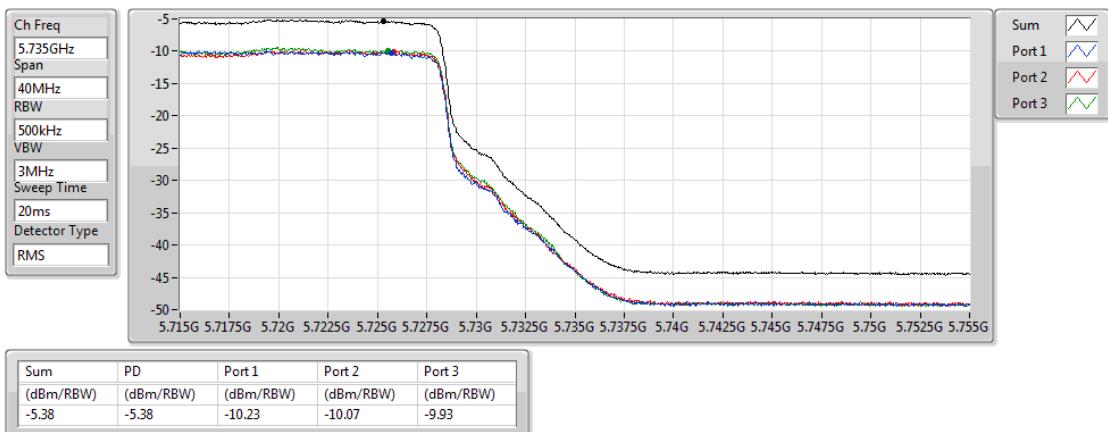
-2.98	-2.98	-7.89	-7.86	-7.50
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802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

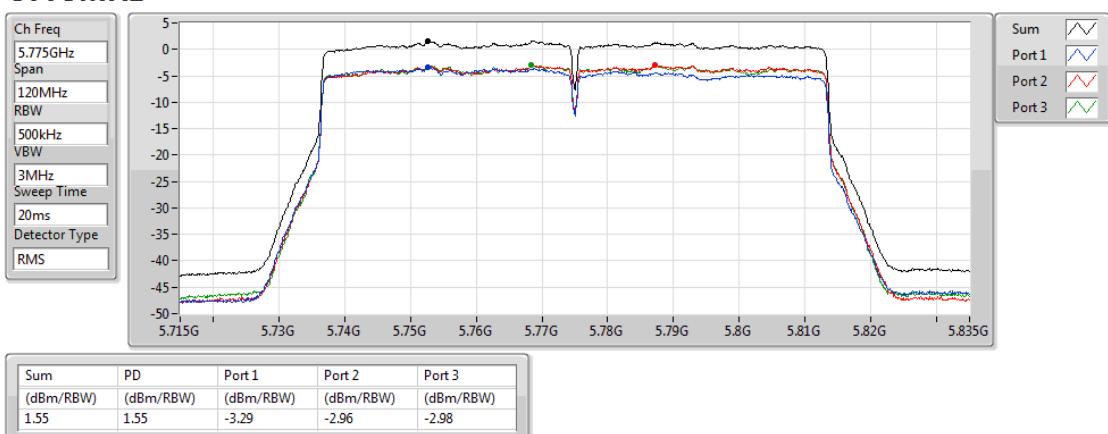
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5775MHz





For Set 4 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	8.46
5.25-5.35GHz	8.61
5.47-5.725GHz	9.05
5.725-5.85GHz	7.18
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	7.93
5.25-5.35GHz	8.59
5.47-5.725GHz	8.62
5.725-5.85GHz	6.70
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	5.65
5.25-5.35GHz	5.43
5.47-5.725GHz	5.61
5.725-5.85GHz	4.13
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.81
5.25-5.35GHz	-2.66
5.47-5.725GHz	2.23
5.725-5.85GHz	1.24

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.73	8.25	8.25	17.00
5200MHz	Pass	5.73	8.46	8.46	17.00
5240MHz	Pass	5.73	8.31	8.31	17.00
5260MHz	Pass	5.73	8.40	8.40	11.00
5300MHz	Pass	5.73	8.61	8.61	11.00
5320MHz	Pass	5.73	8.33	8.33	11.00
5500MHz	Pass	5.73	8.52	8.52	11.00
5580MHz	Pass	5.73	8.51	8.51	11.00
5700MHz	Pass	5.73	8.33	8.33	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	9.05	9.05	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	7.18	7.18	30.00
5745MHz	Pass	5.73	6.64	6.64	30.00
5785MHz	Pass	5.73	6.54	6.54	30.00
5825MHz	Pass	5.73	6.64	6.64	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.73	7.79	7.79	17.00
5200MHz	Pass	5.73	7.93	7.93	17.00
5240MHz	Pass	5.73	7.85	7.85	17.00
5260MHz	Pass	5.73	8.48	8.48	11.00
5300MHz	Pass	5.73	8.59	8.59	11.00
5320MHz	Pass	5.73	8.24	8.24	11.00
5500MHz	Pass	5.73	8.16	8.16	11.00
5580MHz	Pass	5.73	8.00	8.00	11.00
5700MHz	Pass	5.73	8.36	8.36	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	8.62	8.62	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	6.66	6.66	30.00
5745MHz	Pass	5.73	6.70	6.70	30.00
5785MHz	Pass	5.73	6.53	6.53	30.00
5825MHz	Pass	5.73	6.58	6.58	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.73	5.60	5.60	17.00
5230MHz	Pass	5.73	5.65	5.65	17.00
5270MHz	Pass	5.73	5.43	5.43	11.00
5310MHz	Pass	5.73	3.58	3.58	11.00
5510MHz	Pass	5.73	4.53	4.53	11.00
5550MHz	Pass	5.73	5.50	5.50	11.00
5670MHz	Pass	5.73	5.61	5.61	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.73	5.55	5.55	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	2.34	2.34	30.00
5755MHz	Pass	5.73	4.13	4.13	30.00
5795MHz	Pass	5.73	4.00	4.00	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.73	1.81	1.81	17.00
5290MHz	Pass	5.73	-2.66	-2.66	11.00
5530MHz	Pass	5.73	0.50	0.50	11.00
5610MHz	Pass	5.73	1.90	1.90	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.73	2.23	2.23	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	-1.00	-1.00	30.00
5775MHz	Pass	5.73	1.24	1.24	30.00

DG = Directional Gain; **RBW** = 500kHz 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;

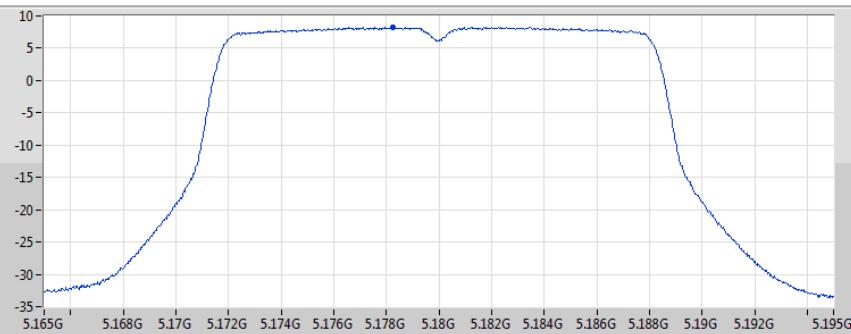


802.11a_(6Mbps)_1TX

PSD

5180MHz

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



Sum PD Port 1

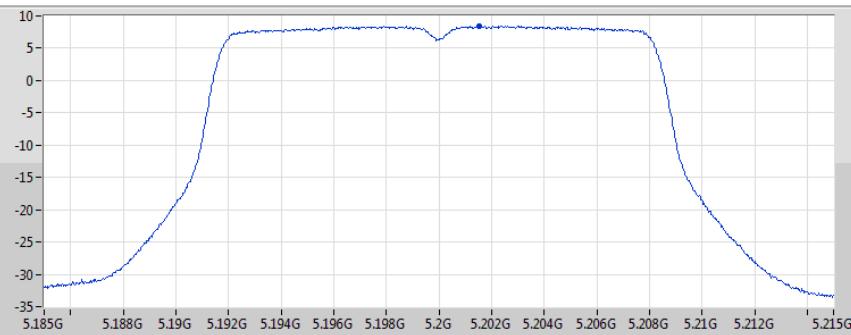
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	8.25

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

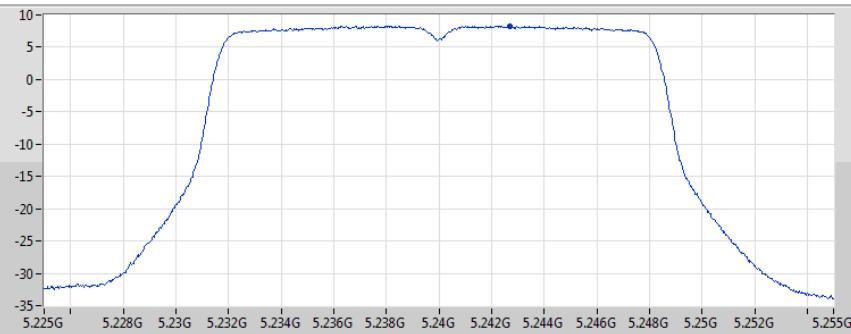
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

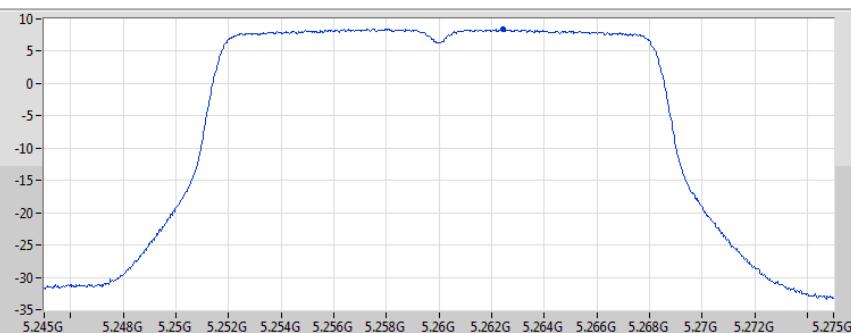


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

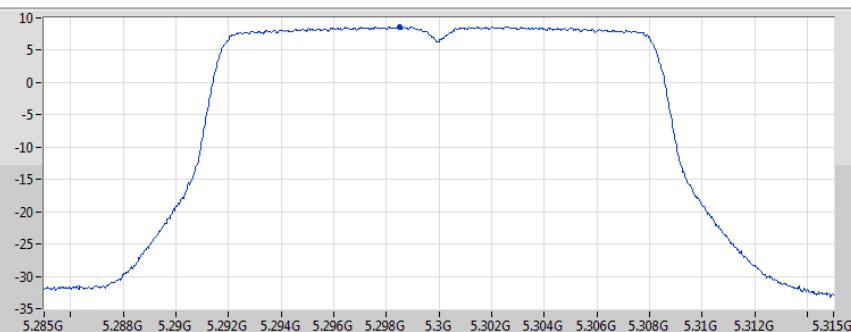
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	8.40

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

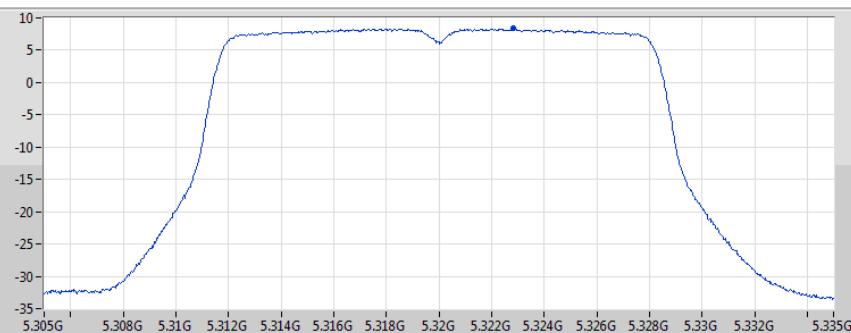
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	8.61

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33

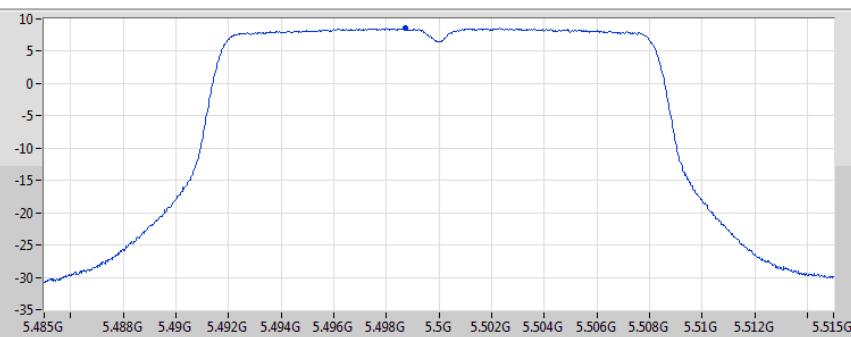


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



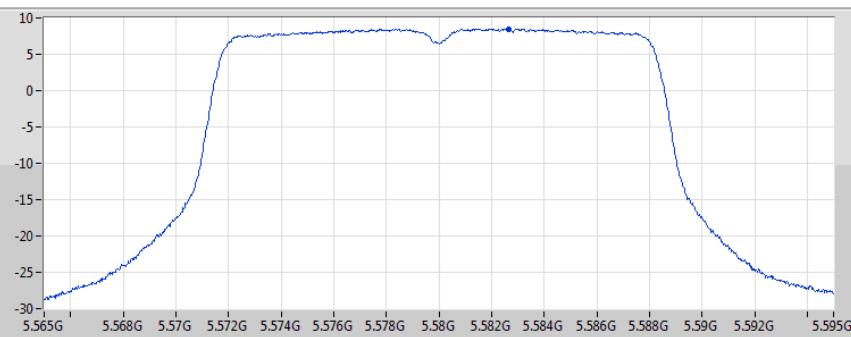
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	8.52

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



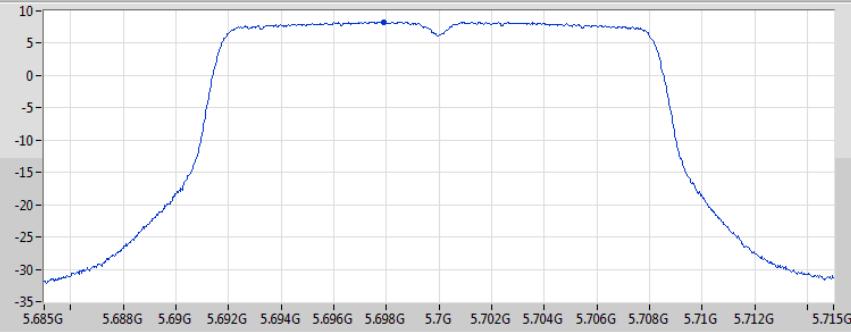
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	8.51

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33

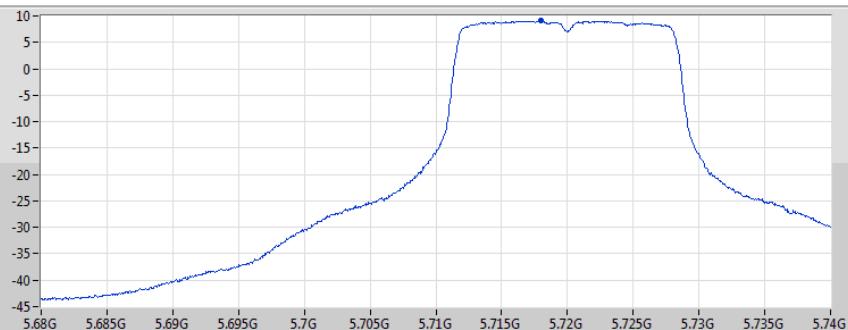


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

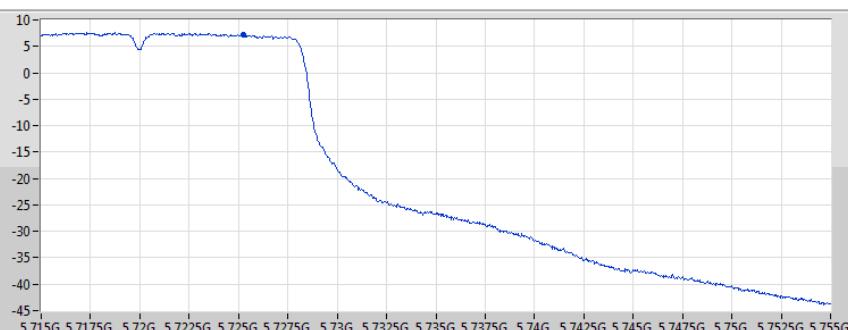


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	9.05

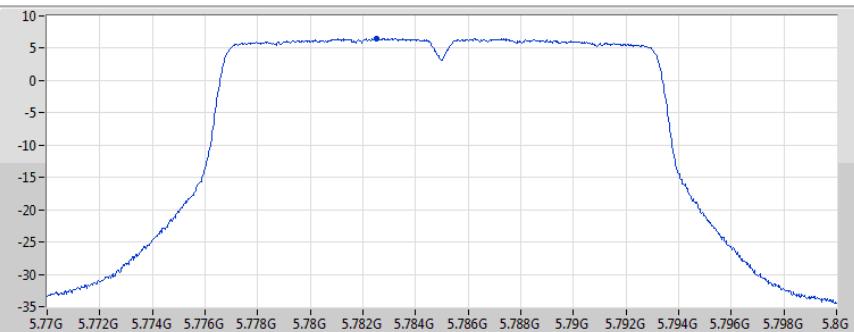


802.11a_(6Mbps)_1TX

PSD

5785MHz

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



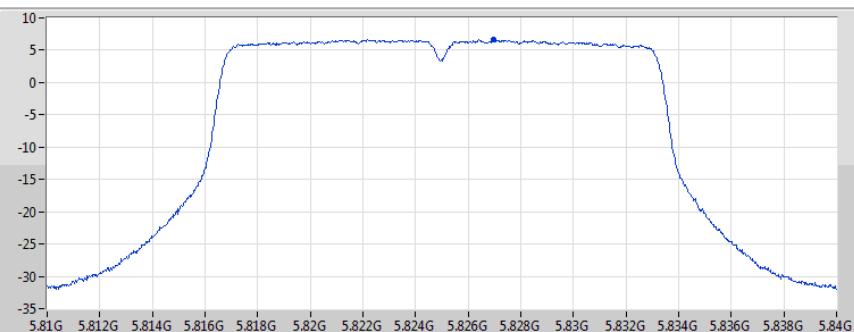
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	6.54

802.11a_(6Mbps)_1TX

PSD

5825MHz

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



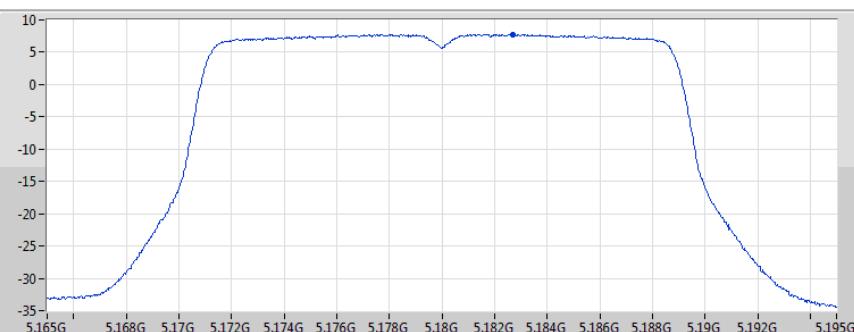
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	6.64

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	7.79

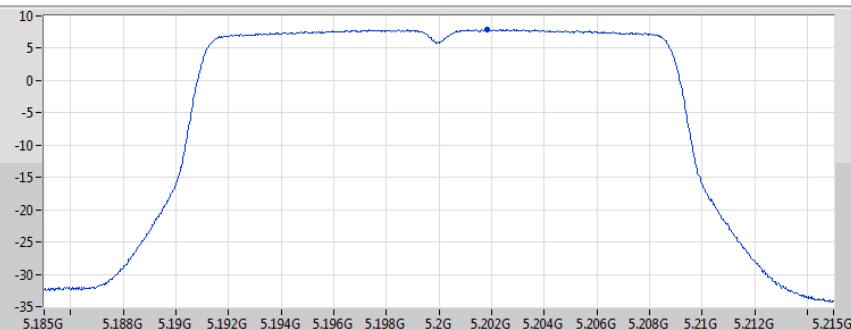


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



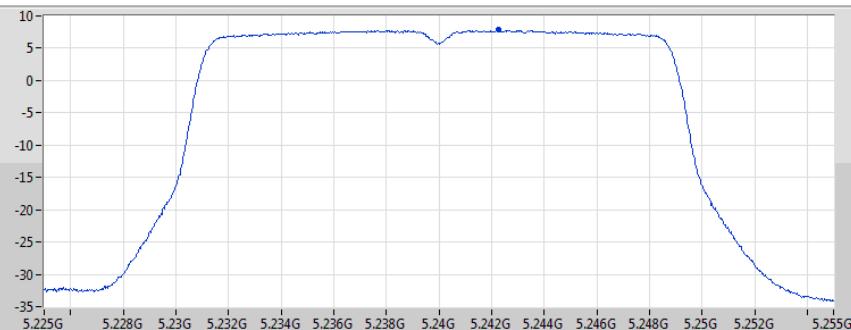
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	7.93

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



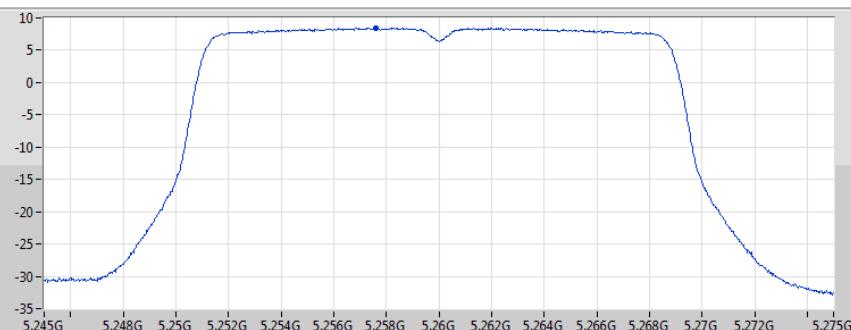
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	8.48

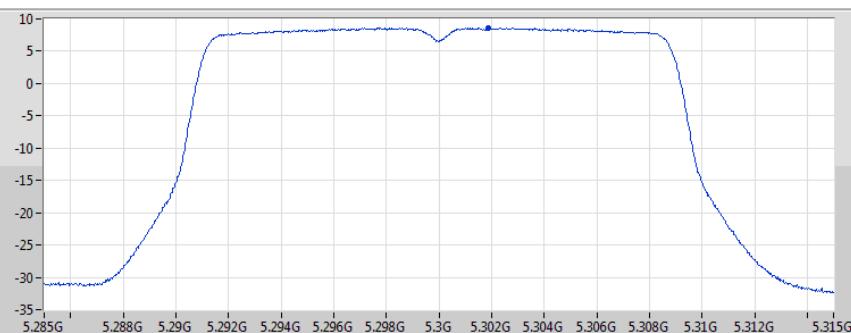


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



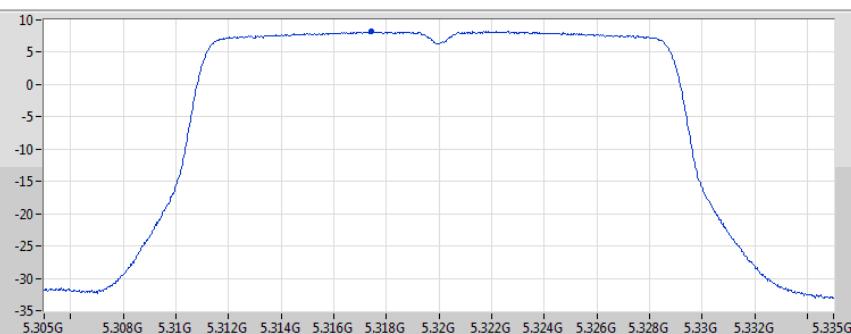
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	8.59

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



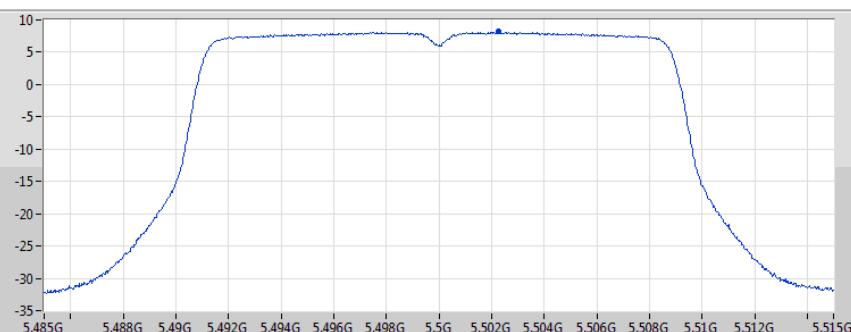
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	8.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	8.16

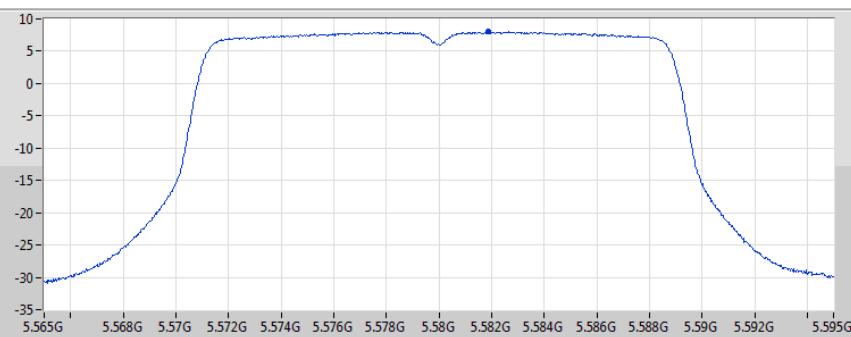


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



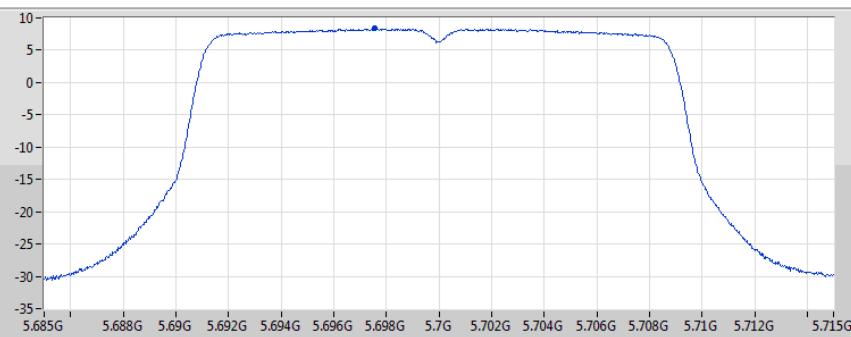
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	8.00

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



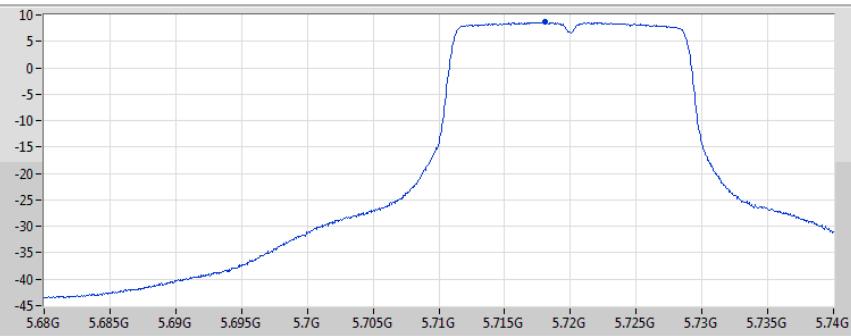
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

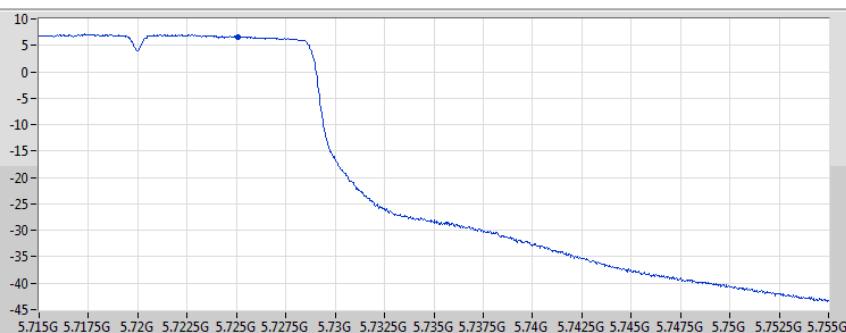
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	8.62

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

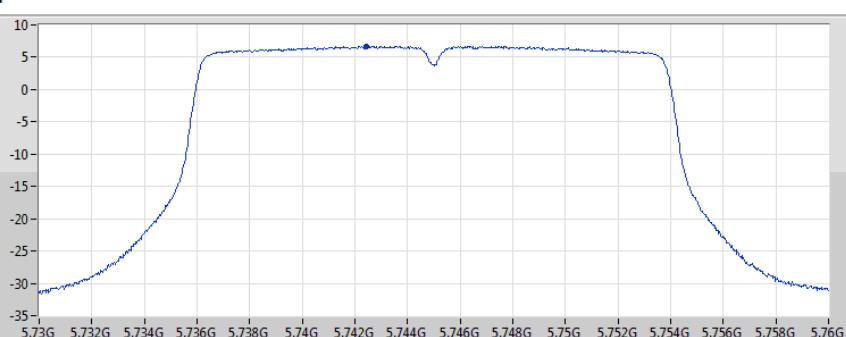
Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

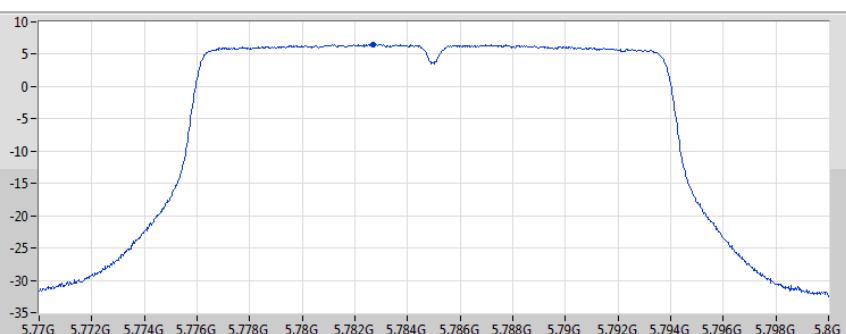
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	6.66
6.70	6.70	6.70
6.53	6.53	6.53

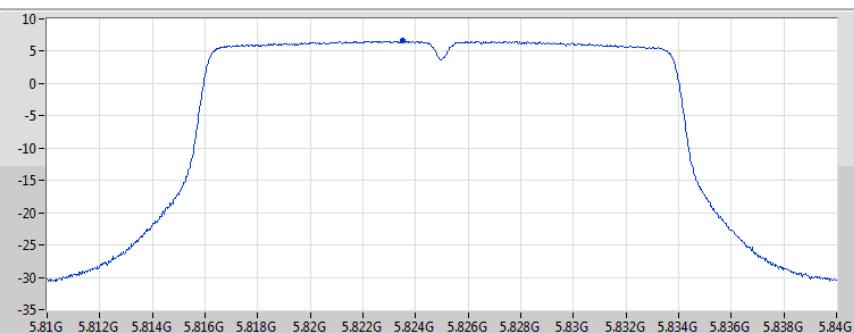


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

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



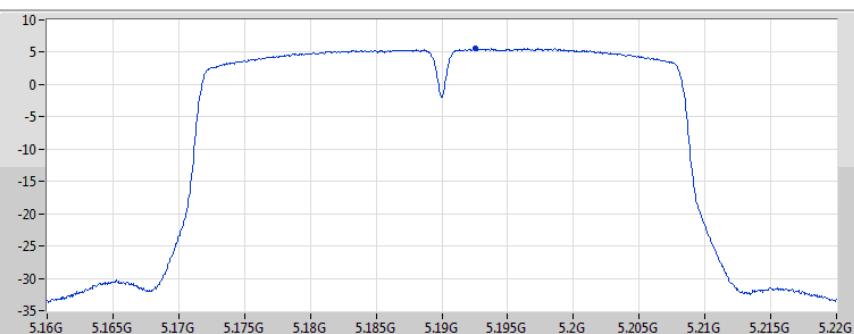
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	6.58

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

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



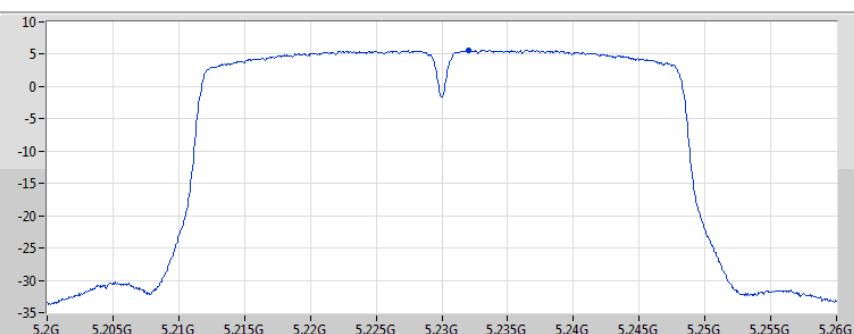
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	5.60

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	5.65

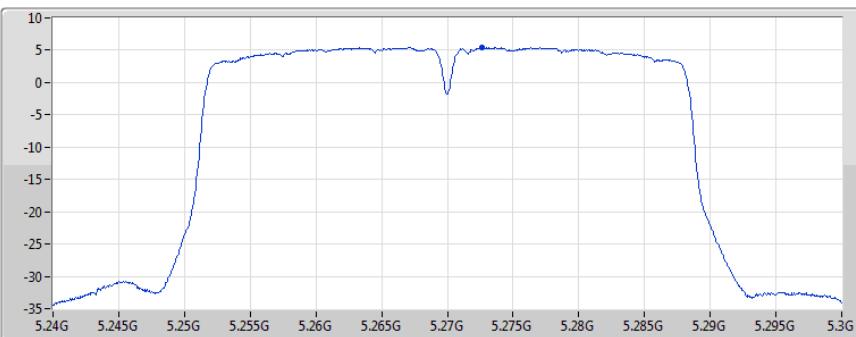


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

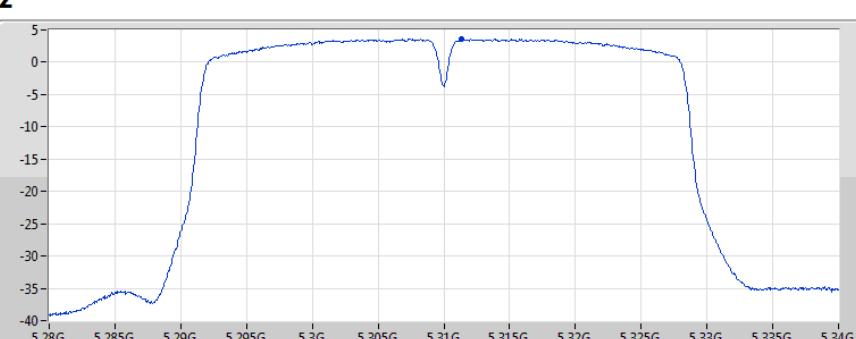


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



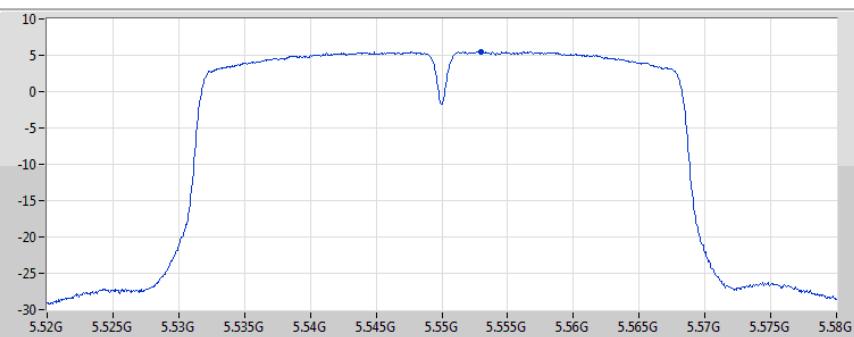


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



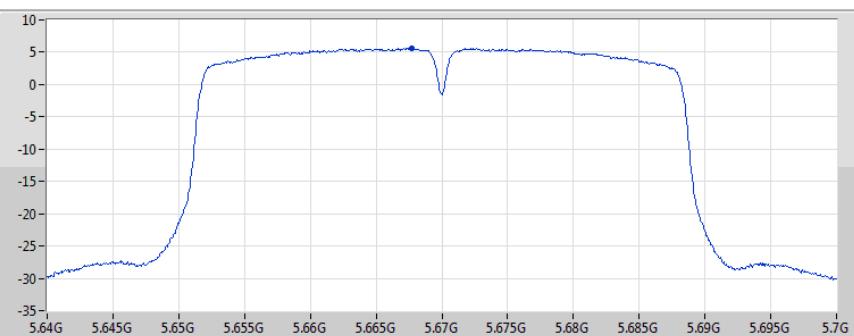
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	5.50

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



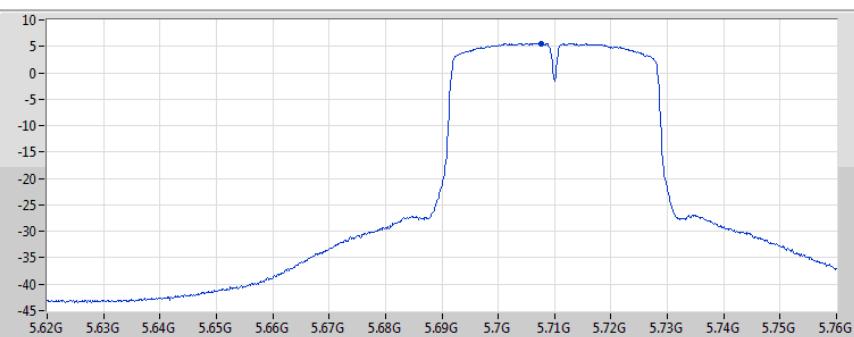
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

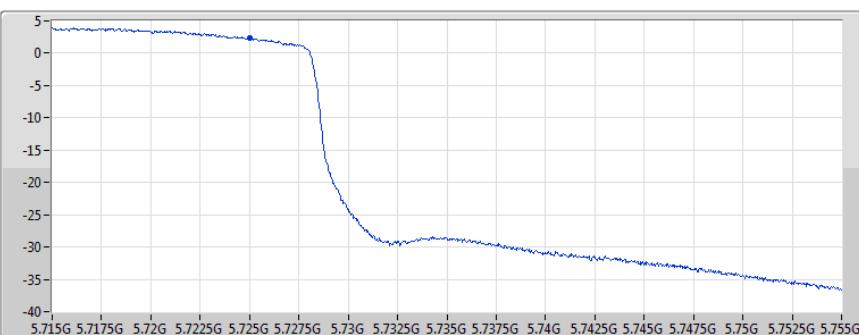
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.55	5.55	5.55

**802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****PSD**

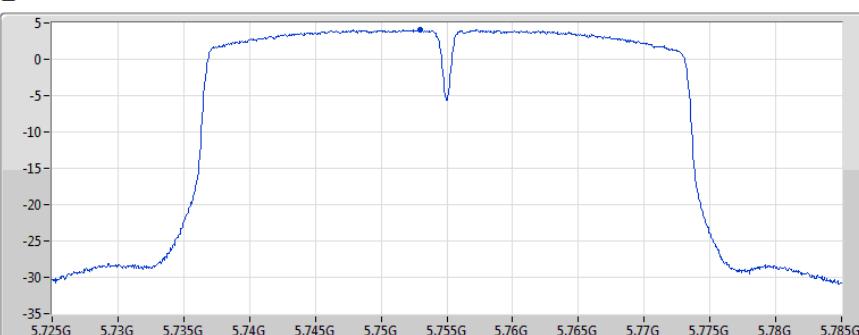
Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.34	2.34	2.34

**802.11ac VHT40_Nss1,(MCS0)_1TX
5755MHz****PSD**

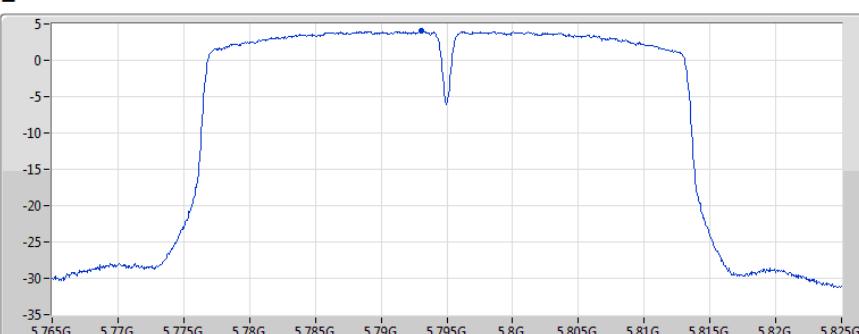
Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	4.13

**802.11ac VHT40_Nss1,(MCS0)_1TX
5795MHz****PSD**

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	4.00

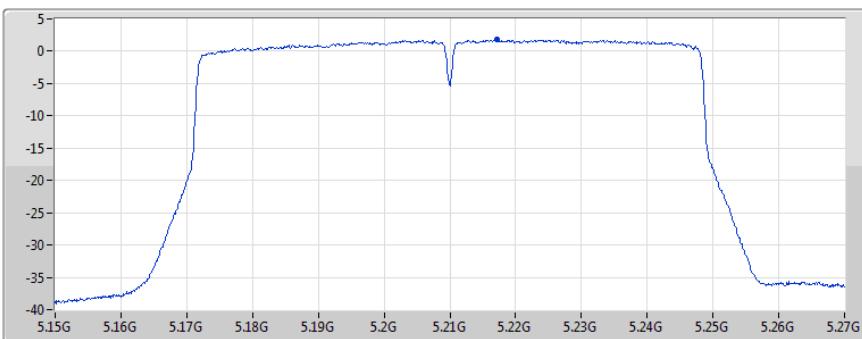


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

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



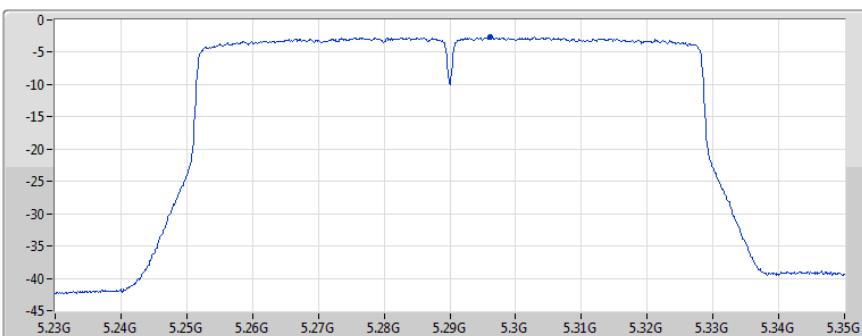
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	1.81

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

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



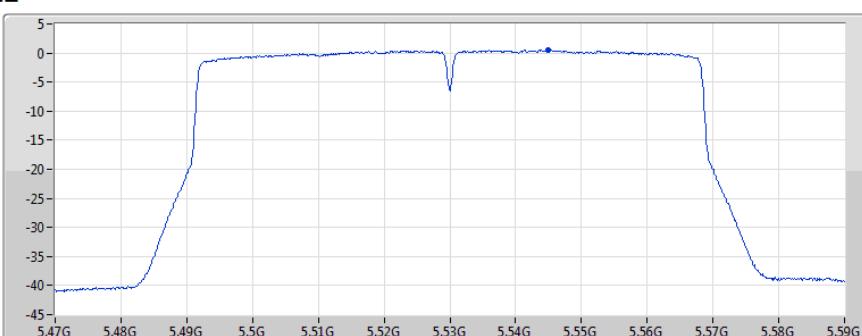
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.66	-2.66	-2.66

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	0.50

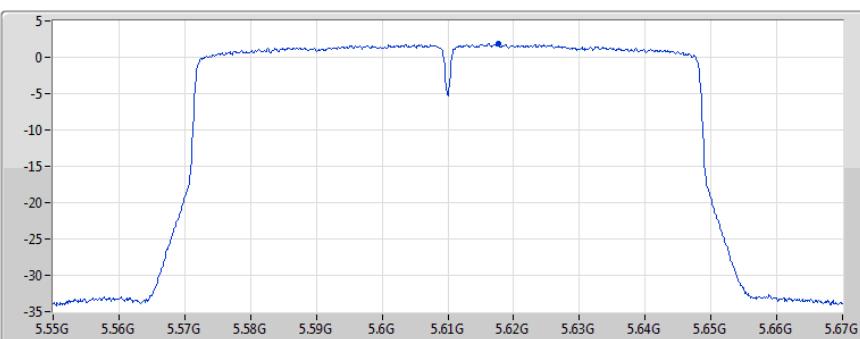


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



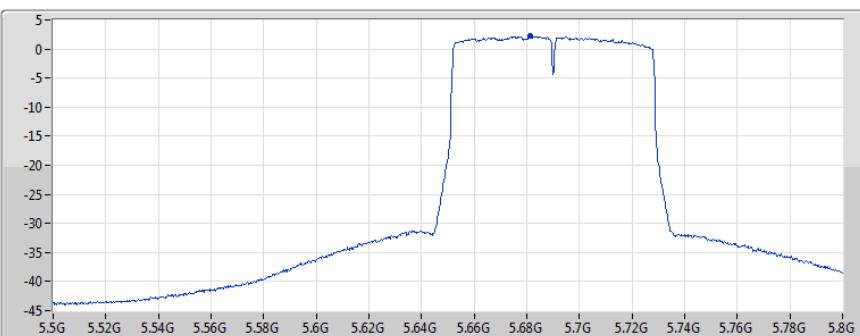
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.90	1.90	1.90

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



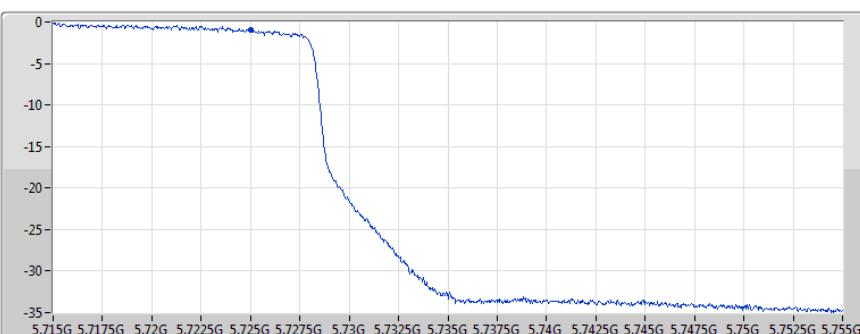
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	2.23

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.00	-1.00	-1.00

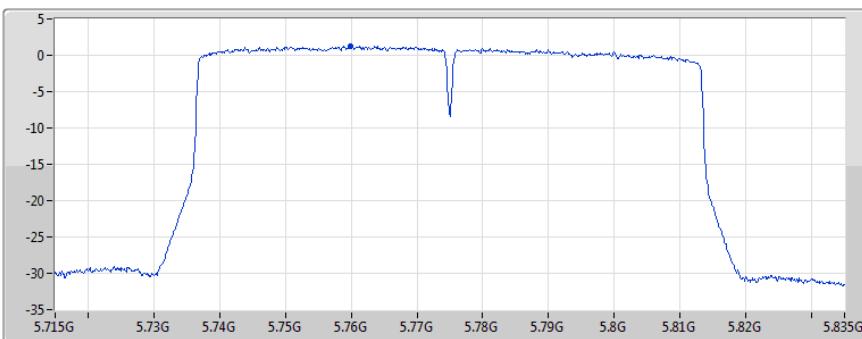


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	1.24



For Set 4 antennas / 2TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	11.68
5.25-5.35GHz	7.94
5.47-5.725GHz	7.75
5.725-5.85GHz	10.02
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	11.65
5.25-5.35GHz	7.91
5.47-5.725GHz	7.96
5.725-5.85GHz	9.81
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.83
5.25-5.35GHz	7.82
5.47-5.725GHz	7.67
5.725-5.85GHz	7.35
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	4.28
5.25-5.35GHz	0.02
5.47-5.725GHz	4.70
5.725-5.85GHz	4.18

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	7.95	8.35	11.06	14.00
5200MHz	Pass	9.00	8.02	8.41	11.23	14.00
5240MHz	Pass	9.00	8.44	9.01	11.68	14.00
5260MHz	Pass	9.00	4.54	5.34	7.92	8.00
5300MHz	Pass	9.00	4.82	5.59	7.94	8.00
5320MHz	Pass	9.00	4.84	5.11	7.62	8.00
5500MHz	Pass	9.00	4.77	4.83	7.75	8.00
5580MHz	Pass	9.00	4.71	4.87	7.65	8.00
5700MHz	Pass	9.00	4.66	4.77	7.62	8.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.00	4.65	4.52	7.56	8.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.00	2.76	2.65	5.65	27.00
5745MHz	Pass	9.00	6.78	6.92	9.84	27.00
5785MHz	Pass	9.00	6.93	7.21	10.02	27.00
5825MHz	Pass	9.00	6.74	6.99	9.83	27.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	8.14	8.23	11.13	14.00
5200MHz	Pass	9.00	7.98	8.27	11.09	14.00
5240MHz	Pass	9.00	8.30	9.05	11.65	14.00
5260MHz	Pass	9.00	4.39	5.43	7.91	8.00
5300MHz	Pass	9.00	3.93	5.44	7.68	8.00
5320MHz	Pass	9.00	4.26	5.57	7.84	8.00
5500MHz	Pass	9.00	4.79	4.47	7.57	8.00
5580MHz	Pass	9.00	4.71	4.33	7.46	8.00
5700MHz	Pass	9.00	4.60	4.35	7.44	8.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.00	5.11	4.85	7.96	8.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.00	3.24	3.12	6.17	27.00
5745MHz	Pass	9.00	6.66	6.76	9.66	27.00
5785MHz	Pass	9.00	6.56	7.11	9.81	27.00
5825MHz	Pass	9.00	6.50	7.08	9.77	27.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.00	4.65	4.75	7.66	14.00
5230MHz	Pass	9.00	5.56	6.14	8.83	14.00
5270MHz	Pass	9.00	4.51	5.35	7.82	8.00
5310MHz	Pass	9.00	1.66	2.53	4.89	8.00
5510MHz	Pass	9.00	3.80	3.34	6.50	8.00
5550MHz	Pass	9.00	4.75	4.55	7.55	8.00
5670MHz	Pass	9.00	4.52	4.75	7.56	8.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.00	4.83	4.55	7.67	8.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.00	1.99	1.79	4.86	27.00
5755MHz	Pass	9.00	4.49	4.38	7.33	27.00
5795MHz	Pass	9.00	4.33	4.58	7.35	27.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	9.00	1.07	1.48	4.28	14.00
5290MHz	Pass	9.00	-3.16	-2.41	0.02	8.00
5530MHz	Pass	9.00	-0.78	-0.71	2.13	8.00
5610MHz	Pass	9.00	0.33	0.39	3.27	8.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.00	1.61	1.93	4.70	8.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.00	-0.73	-0.32	2.48	27.00
5775MHz	Pass	9.00	1.27	1.22	4.18	27.00

DG = Directional Gain; **RBW** = 500kHz 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;

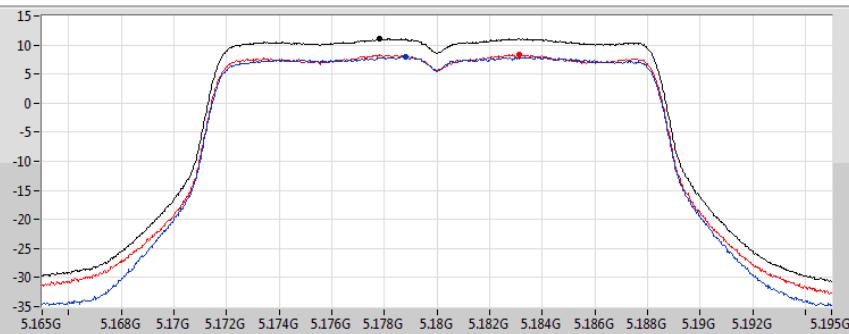


802.11a_(6Mbps)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

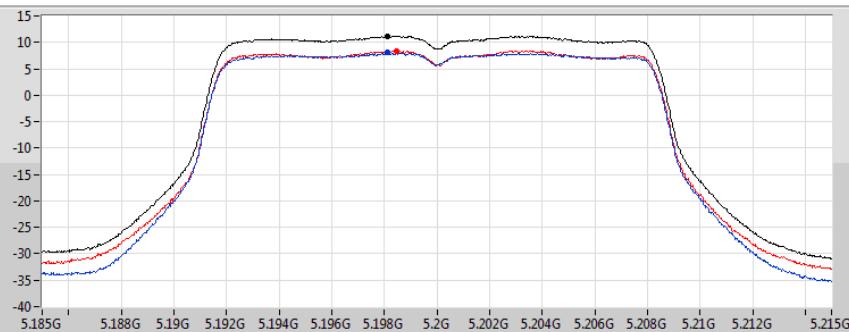
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	7.95	8.35

802.11a_(6Mbps)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

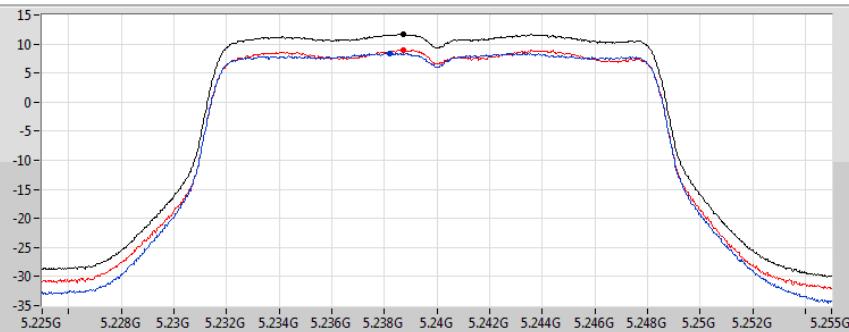
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	8.02	8.41

802.11a_(6Mbps)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	8.44	9.01

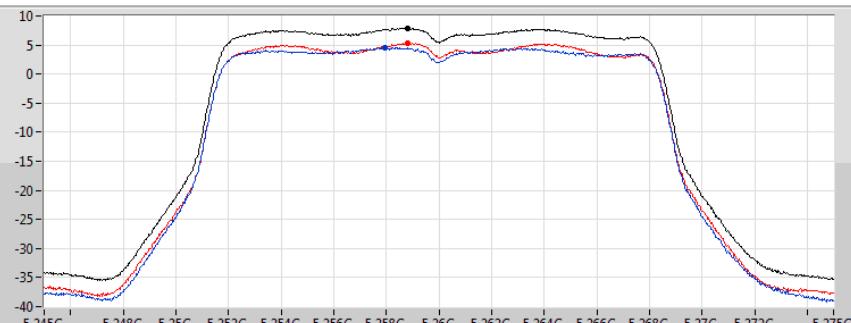


802.11a_(6Mbps)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

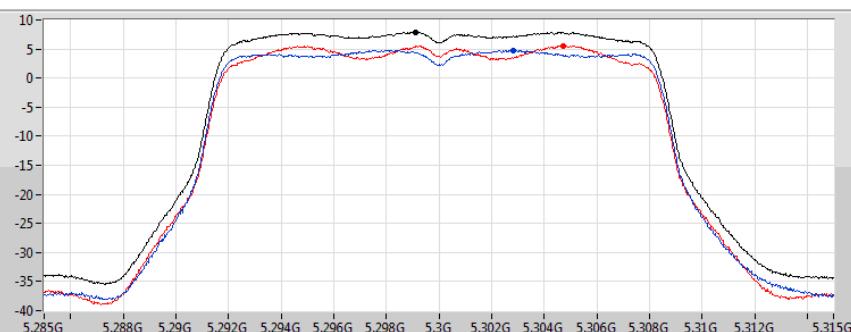


802.11a_(6Mbps)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

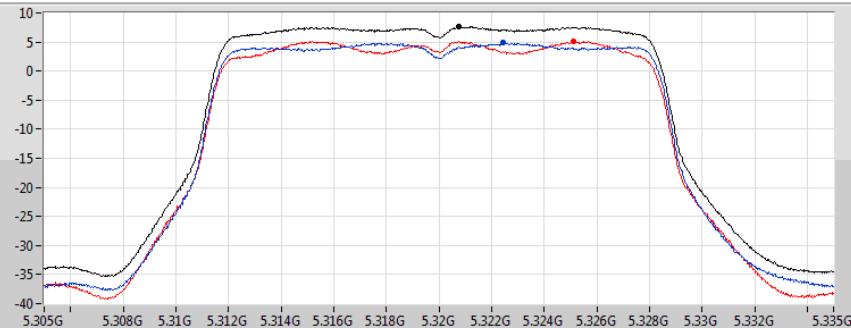


802.11a_(6Mbps)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



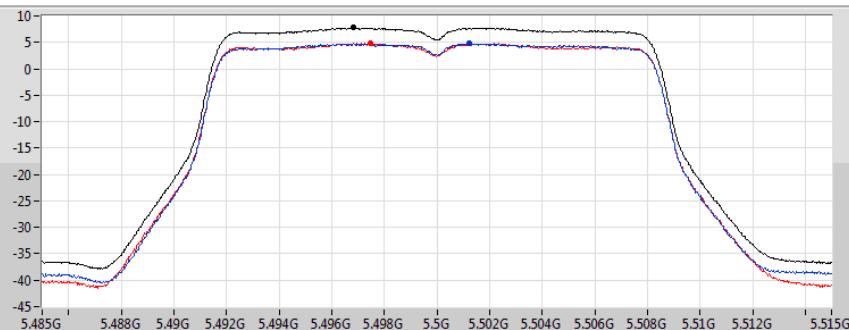


802.11a_(6Mbps)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

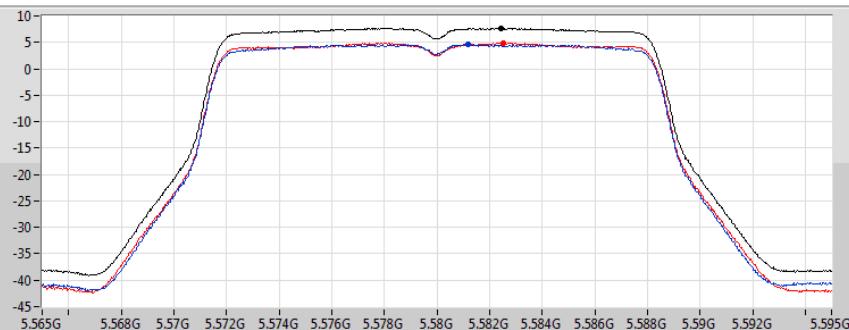
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.77	4.83

802.11a_(6Mbps)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

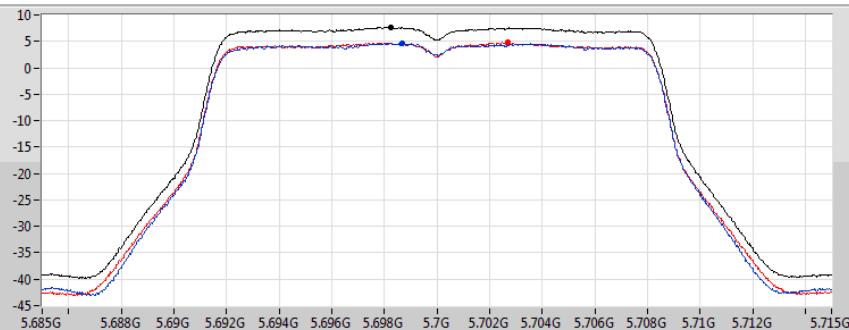
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	4.71	4.87

802.11a_(6Mbps)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

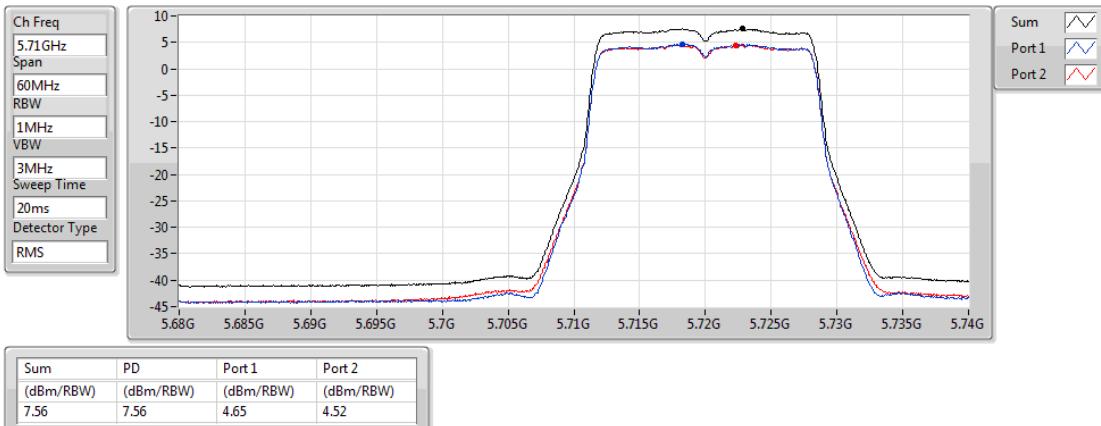
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	4.66	4.77



802.11a_(6Mbps)_2TX

PSD

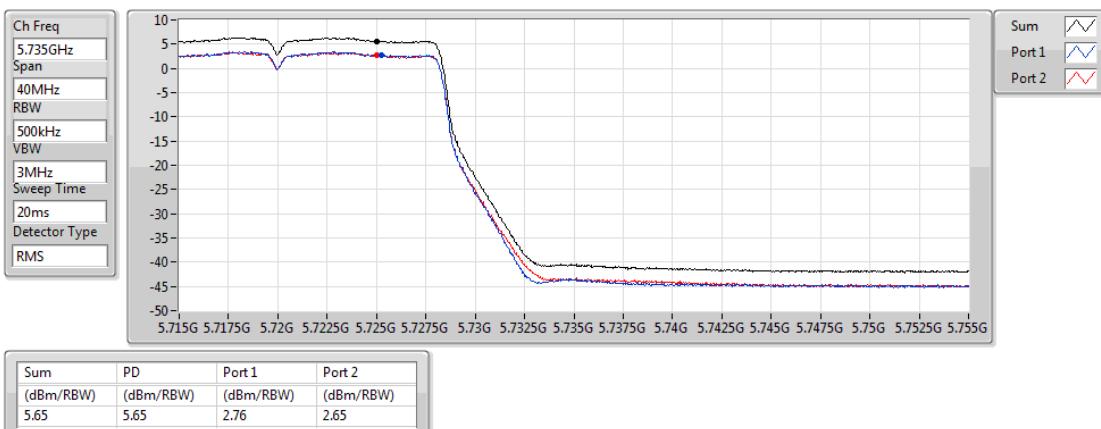
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_2TX

PSD

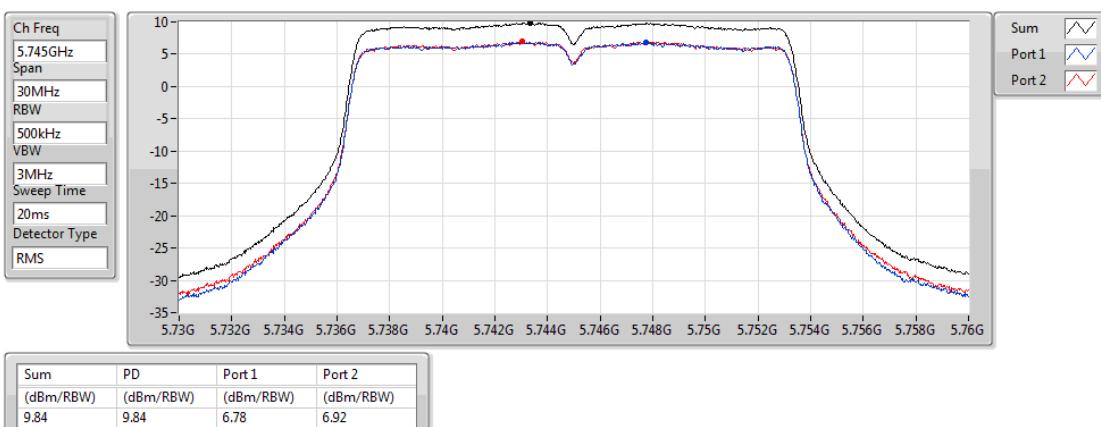
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_2TX

PSD

5745MHz



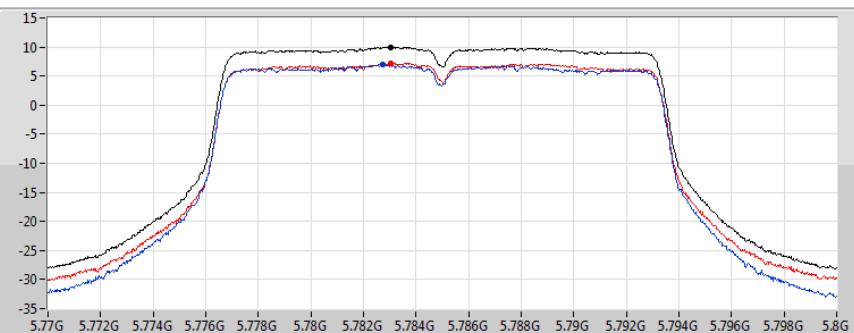


802.11a_(6Mbps)_2TX

PSD

5785MHz

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



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

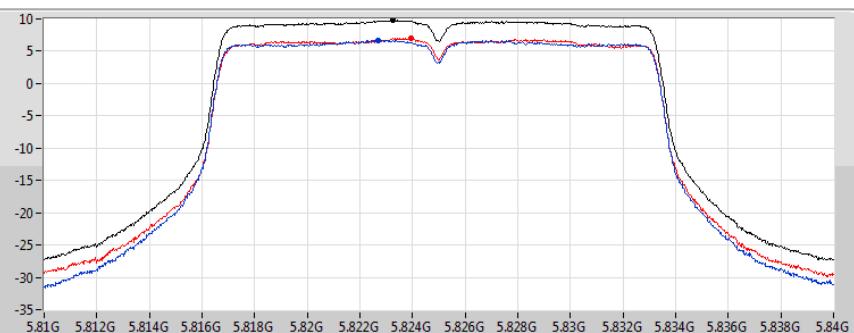
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	6.93	7.21

802.11a_(6Mbps)_2TX

PSD

5825MHz

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



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

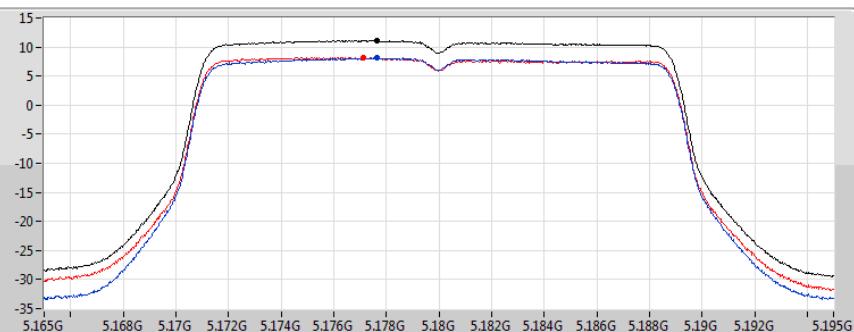
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	6.74	6.99

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

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



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.13	11.13	8.14	8.23

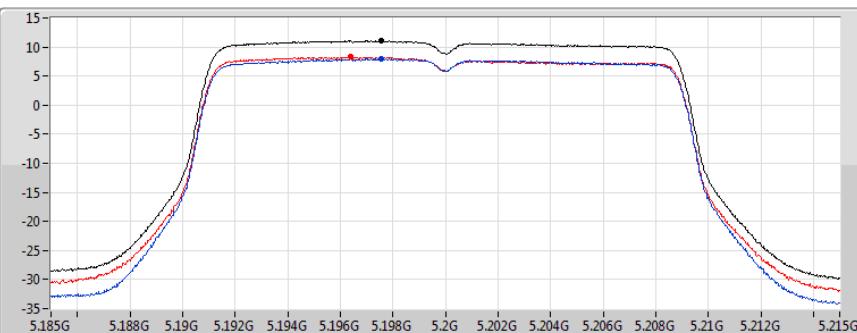


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

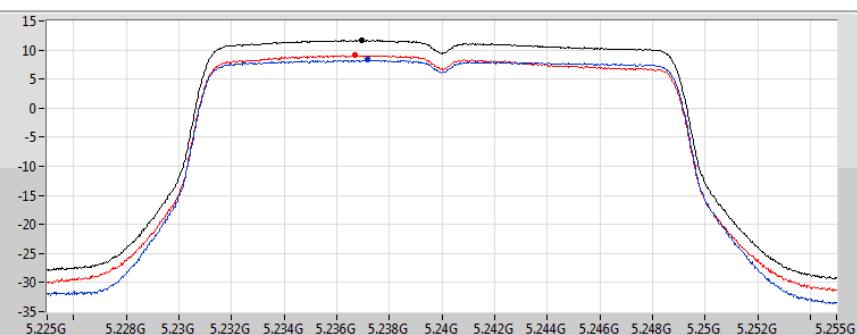
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	7.98	8.27

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

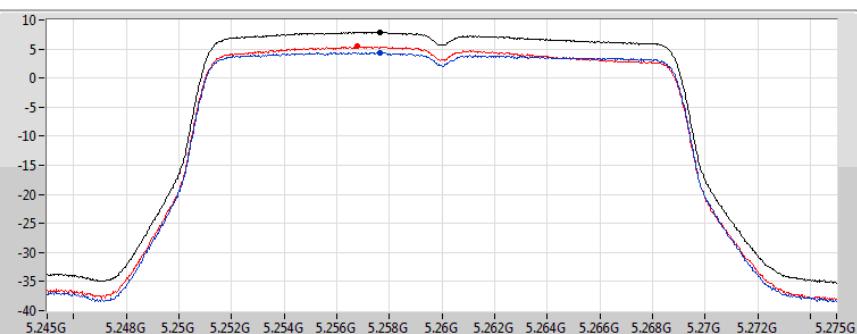
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	8.30	9.05

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	4.39	5.43

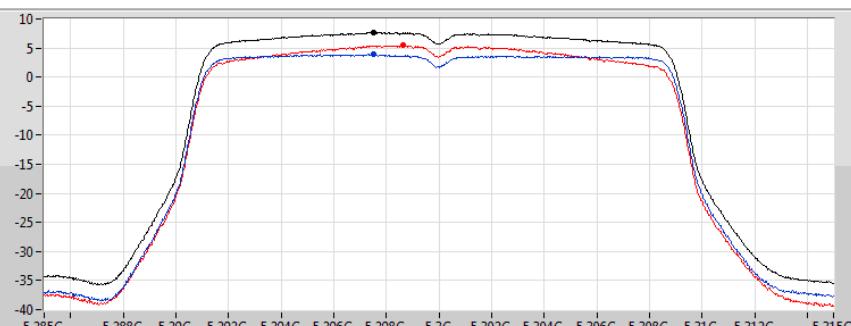


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

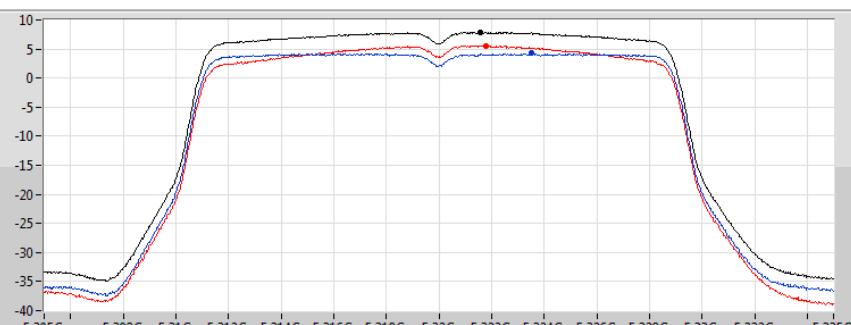
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	3.93	5.44

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

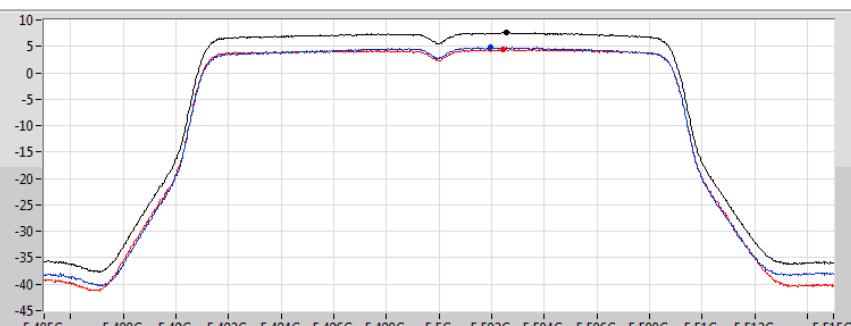
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	4.26	5.57

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	4.79	4.47

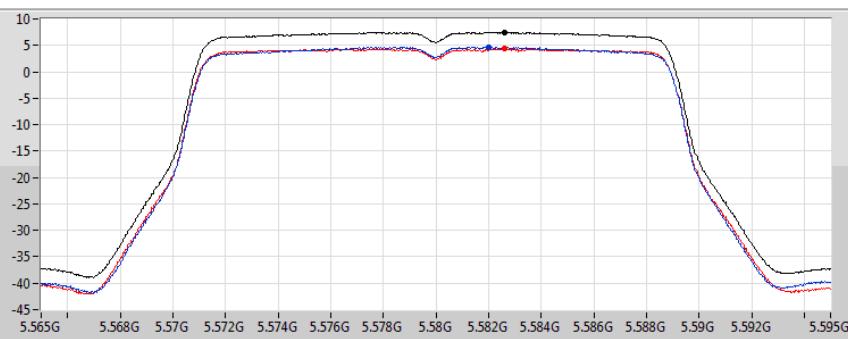


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



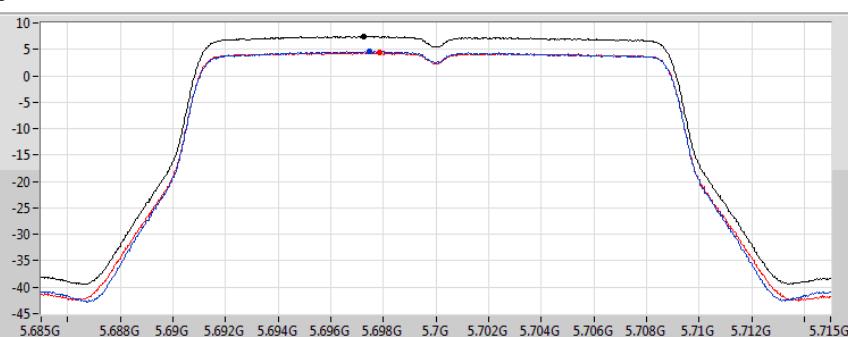
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

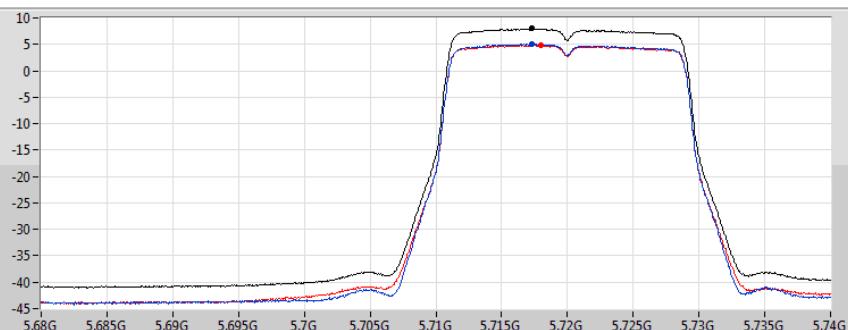
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.44	7.44	4.60	4.35

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

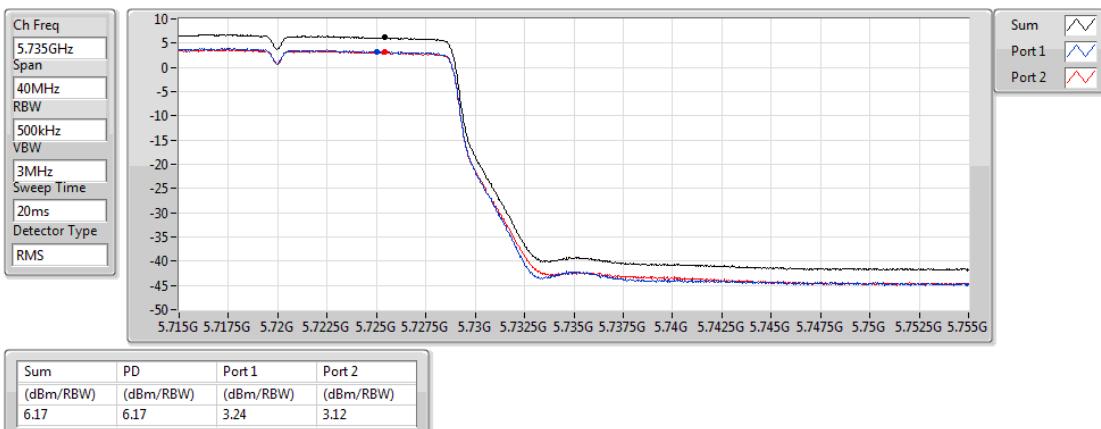
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	5.11	4.85



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

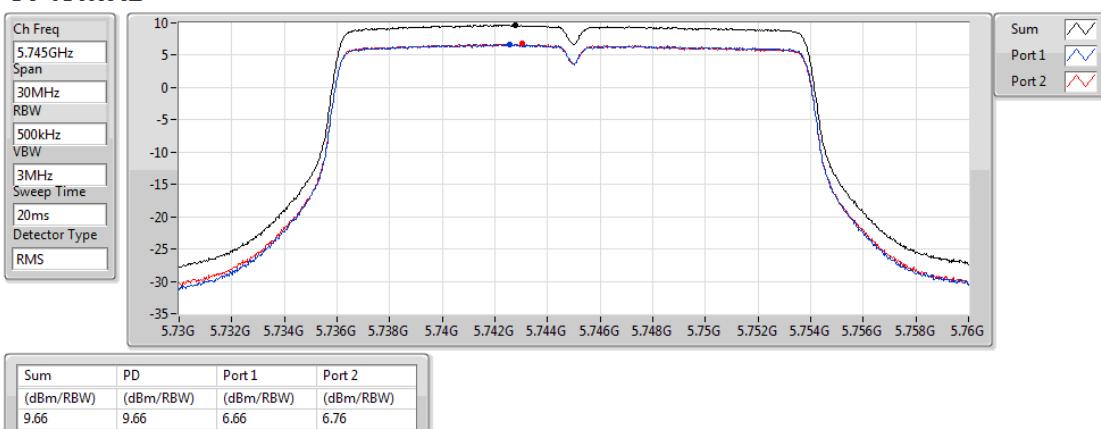
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

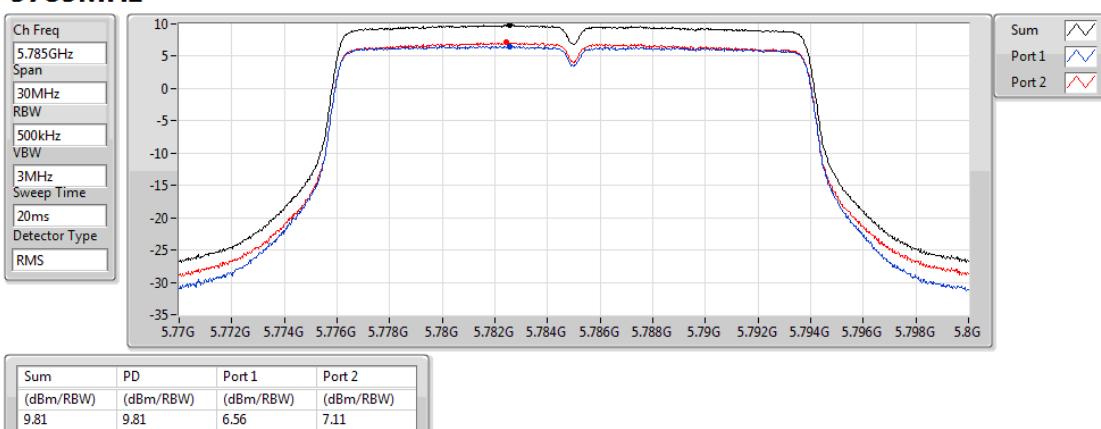
5745MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz



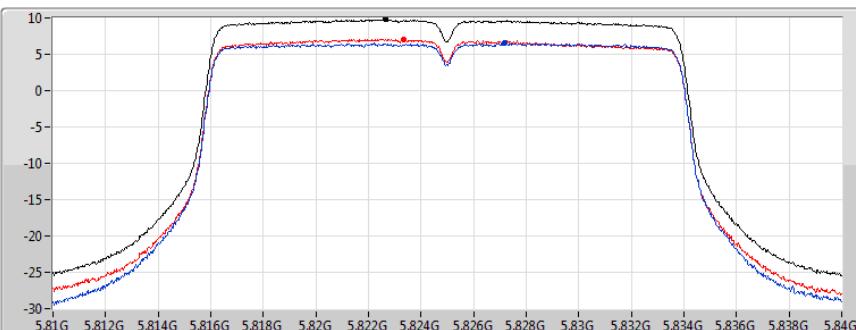


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

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



Sum
Port 1
Port 2

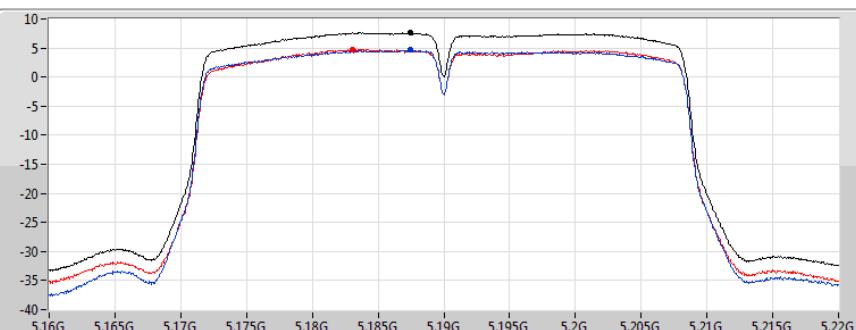
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	6.50	7.08

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

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



Sum
Port 1
Port 2

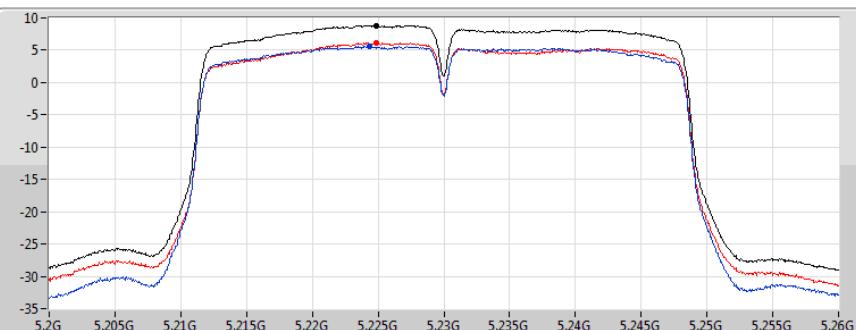
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	4.65	4.75

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	5.56	6.14

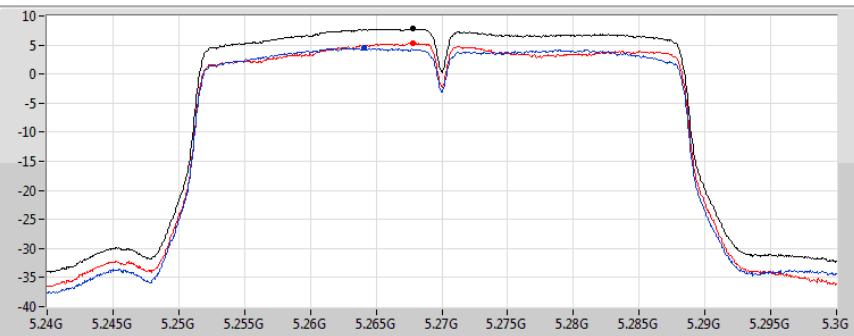


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

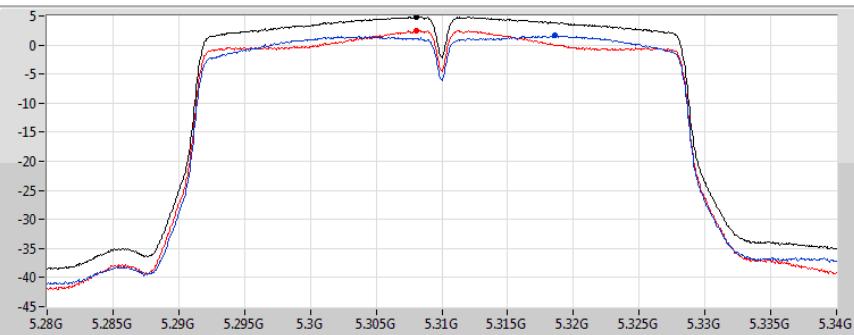
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	4.51	5.35

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

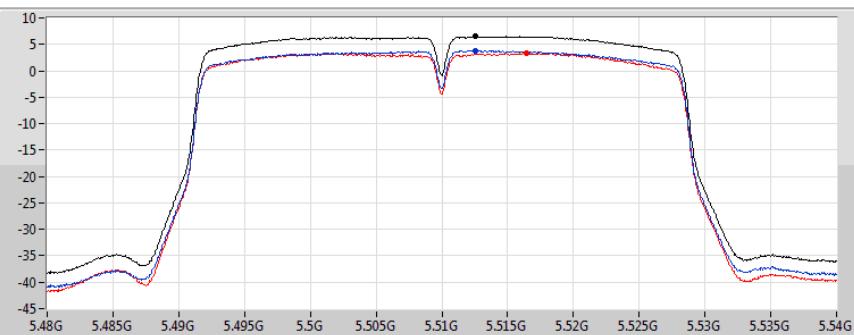
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.89	4.89	1.66	2.53

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	3.80	3.34

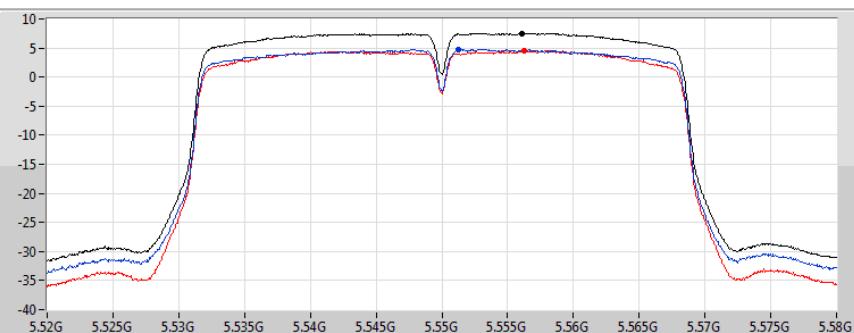


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



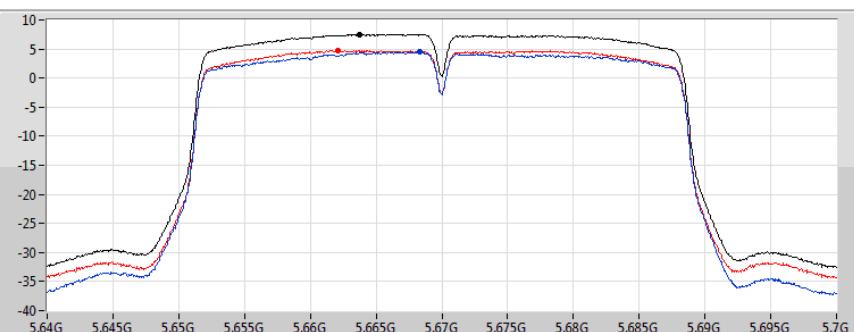
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



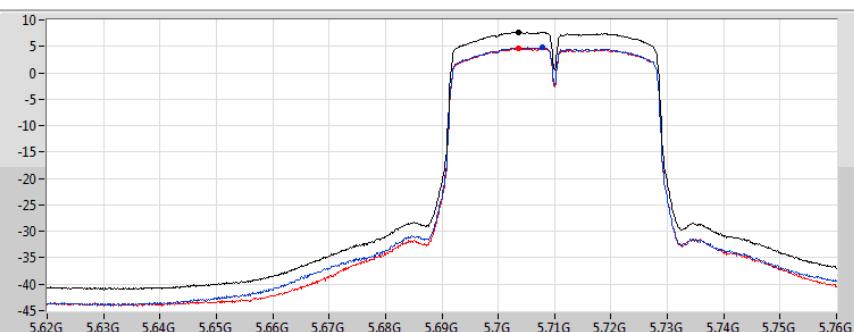
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

Page No. : 972 of 3645

SPORTON INTERNATIONAL INC.

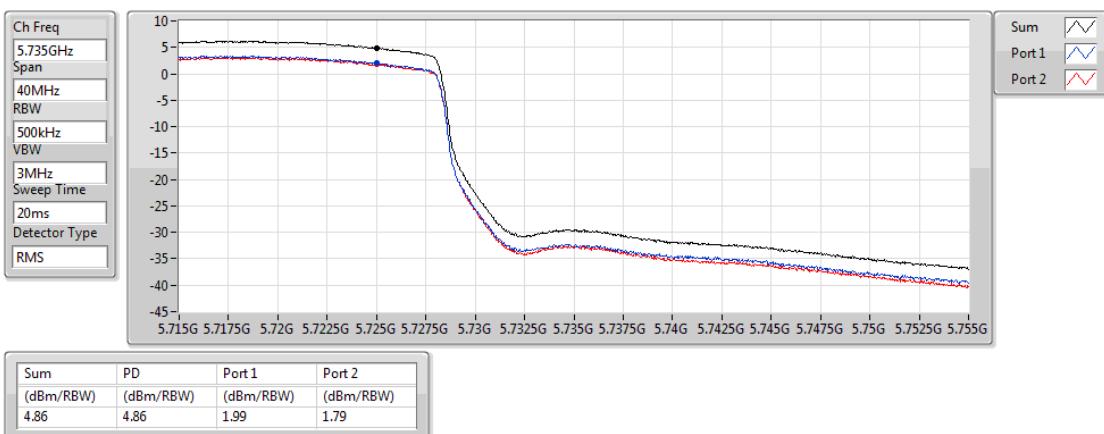
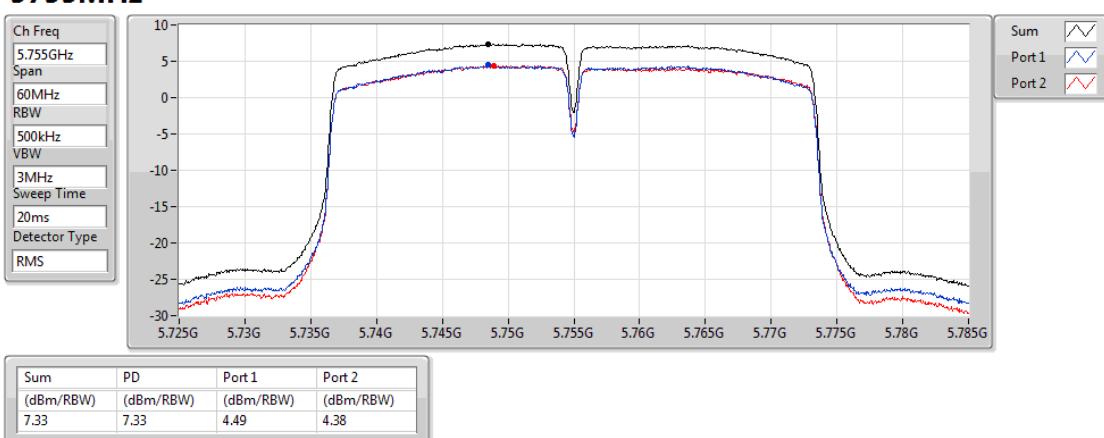
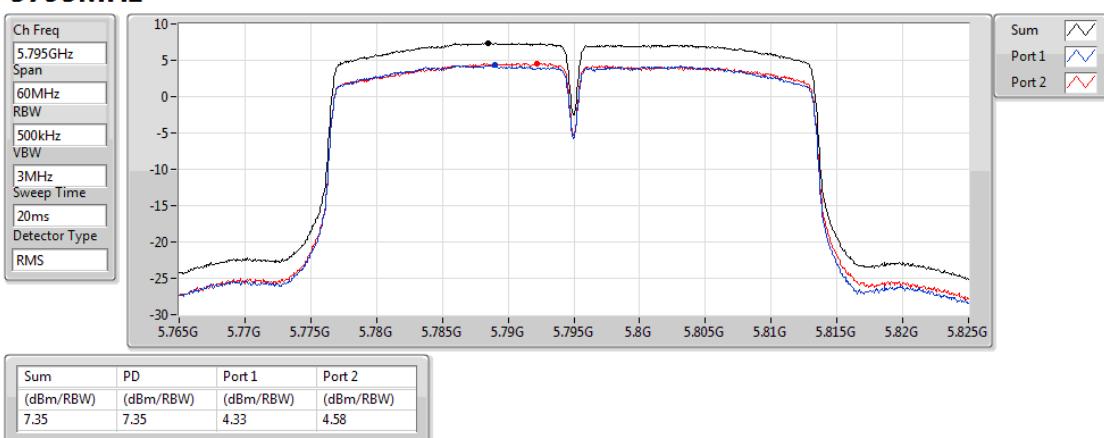
Report Version : Rev. 01

TEL : 886-3-3273456

Issued Date : Oct. 25, 2017

FAX : 886-3-3270973

FCC ID: UDX-60063010

**802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_2TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_2TX
5795MHz****PSD**

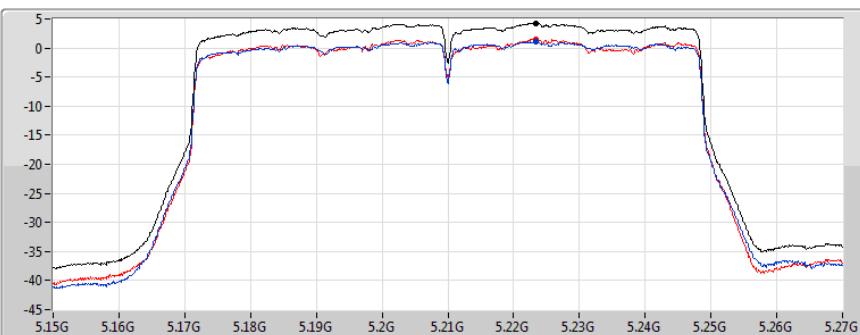


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

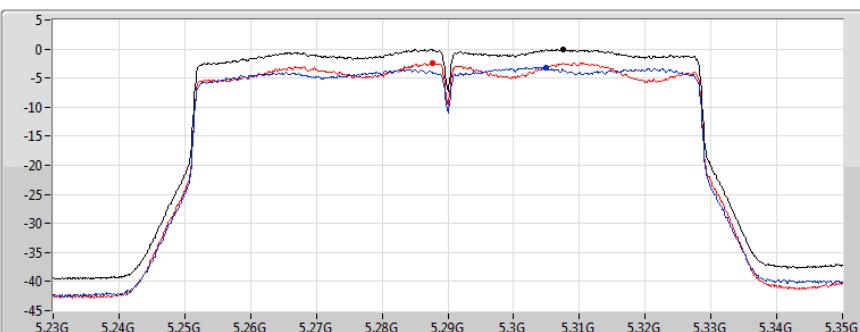
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	1.07	1.48

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

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



Sum
Port 1
Port 2

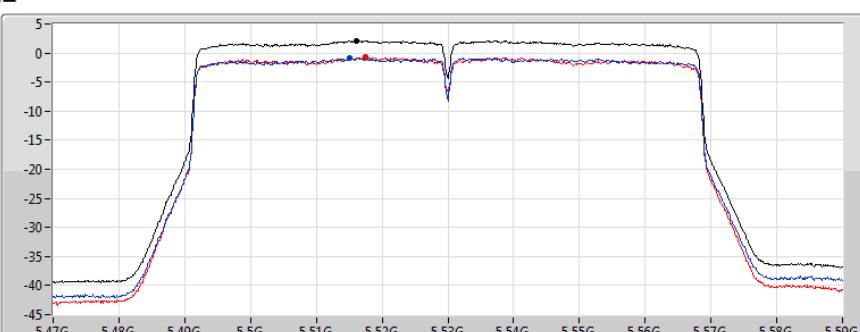
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.02	0.02	-3.16	-2.41

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-0.78	-0.71

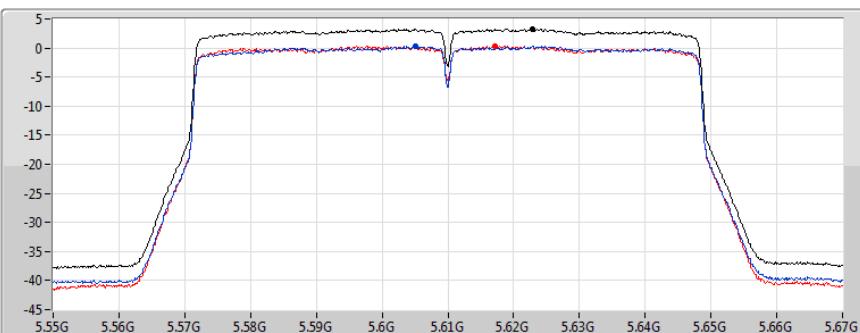


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1 Port 2

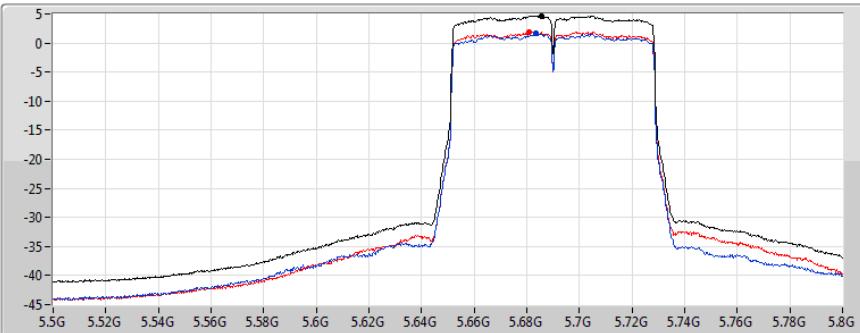
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.27	3.27	0.33	0.39

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1 Port 2

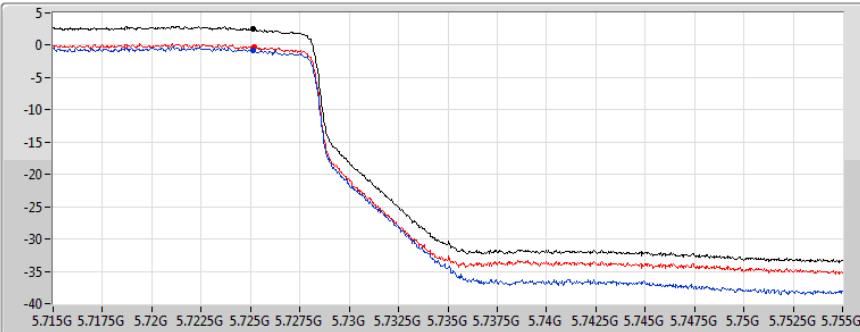
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	1.61	1.93

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum PD Port 1 Port 2

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.73	-0.32

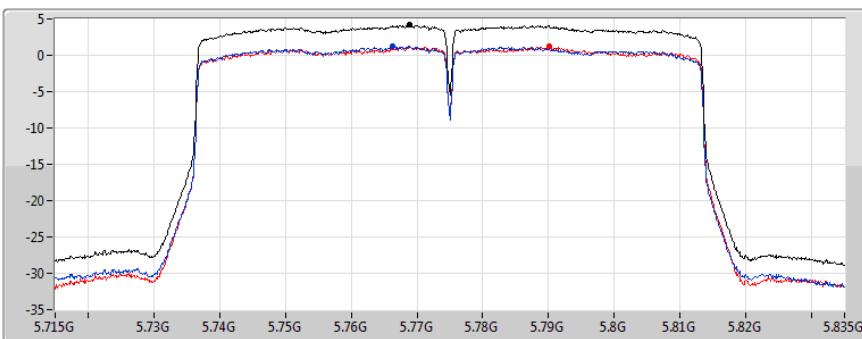


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.18	4.18	1.27	1.22



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	11.18
5.25-5.35GHz	7.96
5.47-5.725GHz	7.97
5.725-5.85GHz	9.31
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.48
5.25-5.35GHz	5.13
5.47-5.725GHz	4.98
5.725-5.85GHz	6.75
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	4.62
5.25-5.35GHz	-1.49
5.47-5.725GHz	1.54
5.725-5.85GHz	3.13

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	7.82	7.81	10.81	14.00
5200MHz	Pass	9.00	7.82	8.01	10.85	14.00
5240MHz	Pass	9.00	7.78	8.64	11.18	14.00
5260MHz	Pass	9.00	4.03	5.12	7.56	8.00
5300MHz	Pass	9.00	4.13	5.79	7.96	8.00
5320MHz	Pass	9.00	4.08	5.49	7.75	8.00
5500MHz	Pass	9.00	4.73	4.47	7.57	8.00
5580MHz	Pass	9.00	5.06	4.98	7.97	8.00
5700MHz	Pass	9.00	4.68	4.57	7.61	8.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.00	4.58	4.50	7.50	8.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.00	2.48	2.50	5.50	27.00
5745MHz	Pass	9.00	6.02	6.15	9.04	27.00
5785MHz	Pass	9.00	6.10	6.46	9.25	27.00
5825MHz	Pass	9.00	6.04	6.63	9.31	27.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.00	5.26	5.42	8.22	14.00
5230MHz	Pass	9.00	5.21	5.76	8.48	14.00
5270MHz	Pass	9.00	1.71	2.73	5.13	8.00
5310MHz	Pass	9.00	0.36	1.18	3.45	8.00
5510MHz	Pass	9.00	1.61	1.70	4.58	8.00
5550MHz	Pass	9.00	1.69	1.51	4.39	8.00
5670MHz	Pass	9.00	1.34	1.81	4.43	8.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.00	2.03	1.97	4.98	8.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.00	-0.80	-0.93	2.12	27.00
5755MHz	Pass	9.00	3.46	3.66	6.51	27.00
5795MHz	Pass	9.00	3.81	3.91	6.75	27.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.00	1.58	1.78	4.62	14.00
5290MHz	Pass	9.00	-4.71	-3.66	-1.49	8.00
5530MHz	Pass	9.00	-1.45	-1.20	1.54	8.00
5610MHz	Pass	9.00	-1.51	-1.14	1.54	8.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.00	-1.59	-1.28	1.47	8.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.00	-3.89	-3.63	-0.76	27.00
5775MHz	Pass	9.00	0.03	0.32	3.13	27.00

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

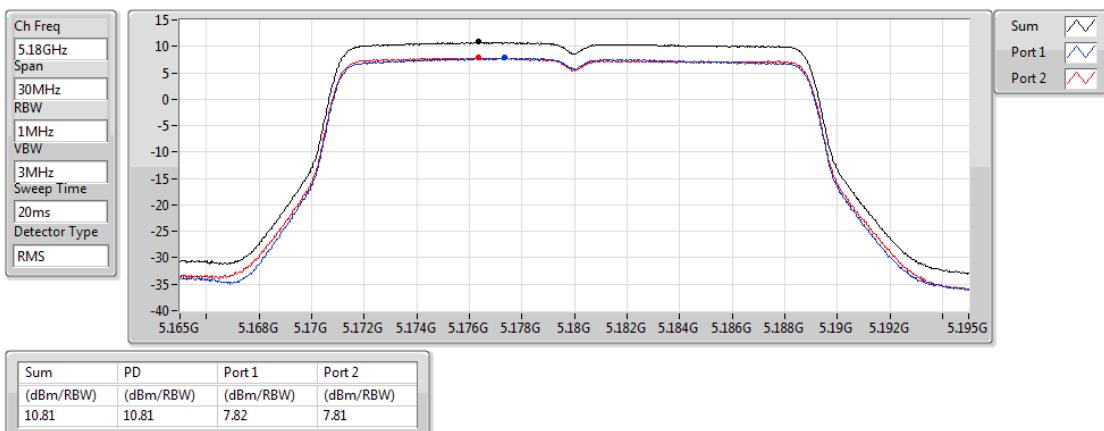
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

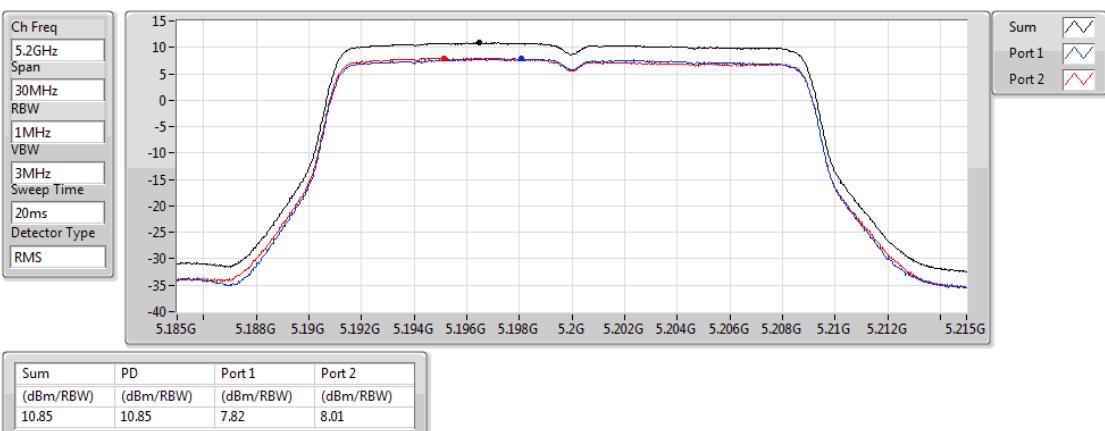
5180MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

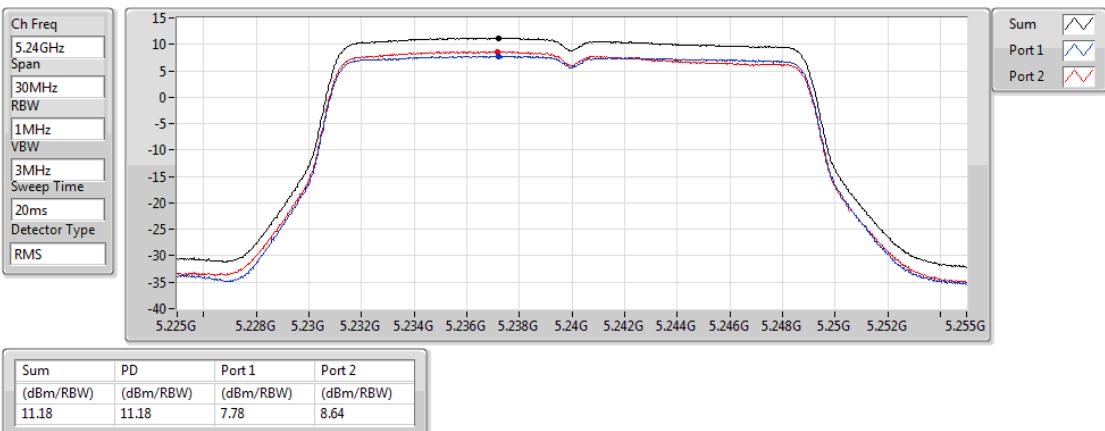
5200MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz



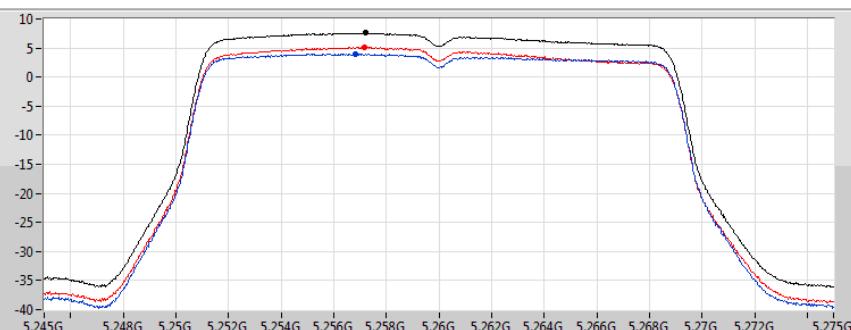


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

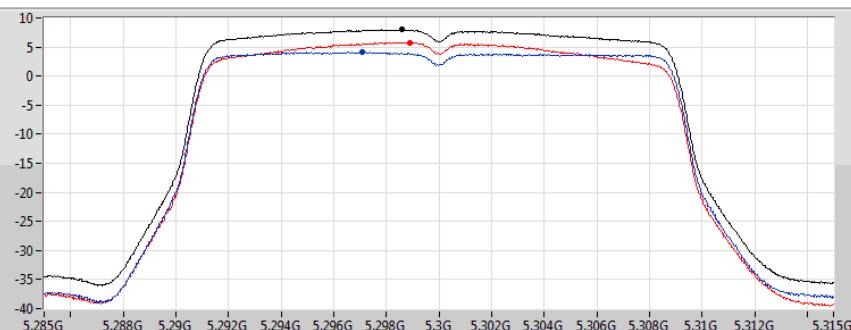
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	4.03	5.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

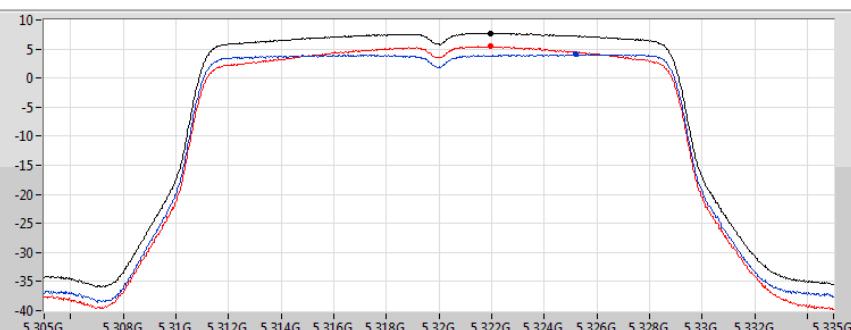
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	4.13	5.79

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

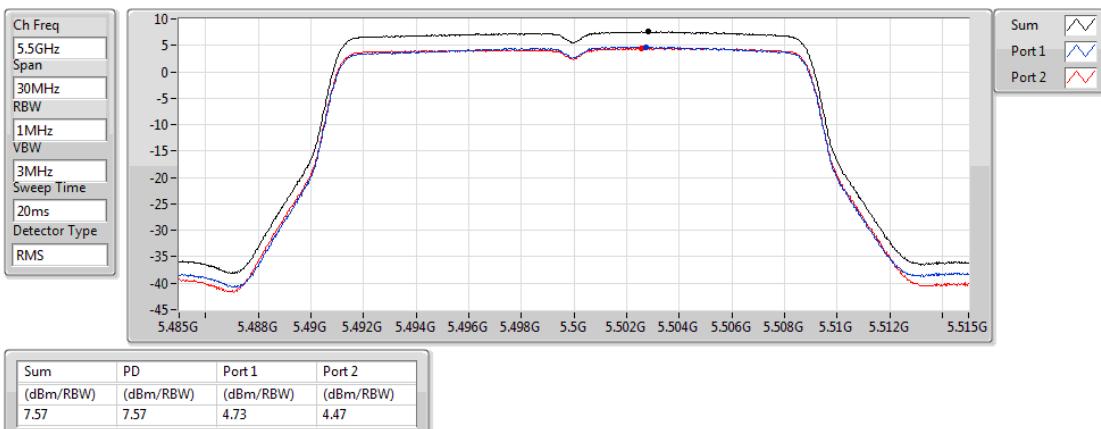
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.08	5.49



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

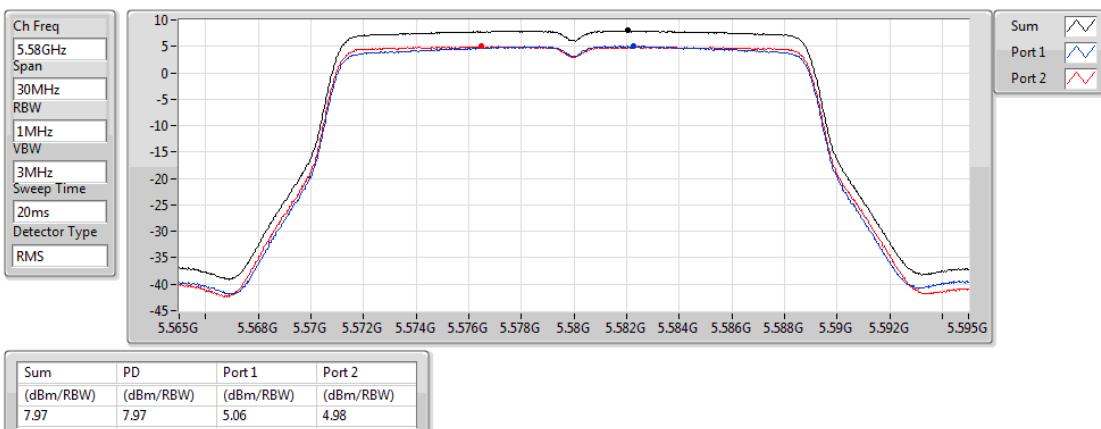
5500MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

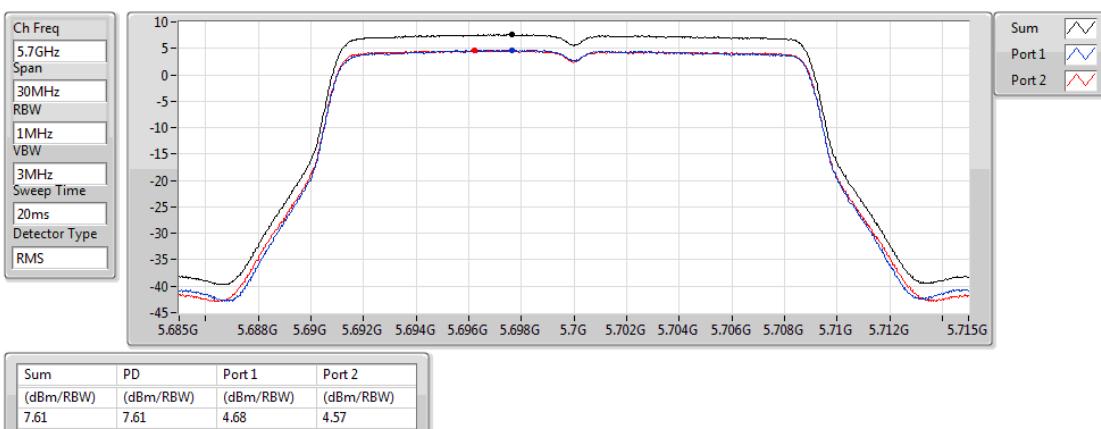
5580MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz



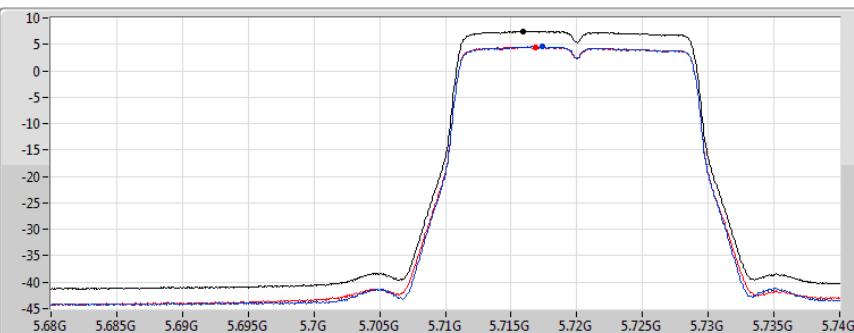


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



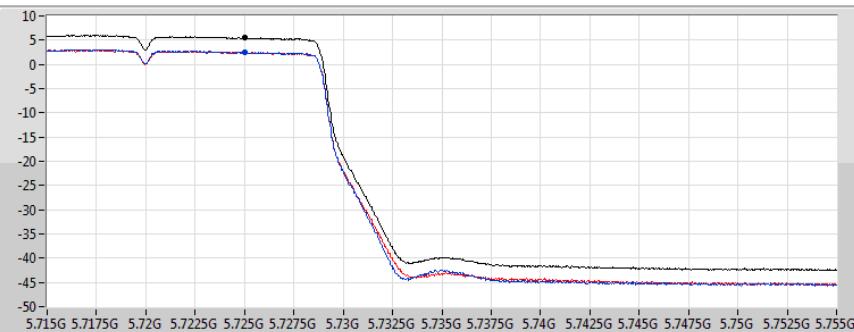
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	4.58	4.50

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



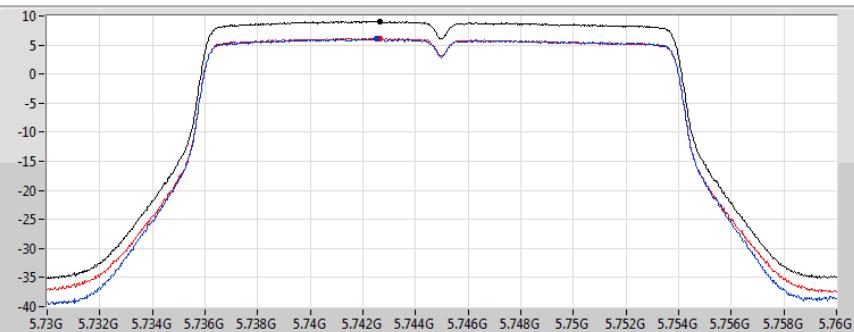
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.50	5.50	2.48	2.50

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	6.02	6.15

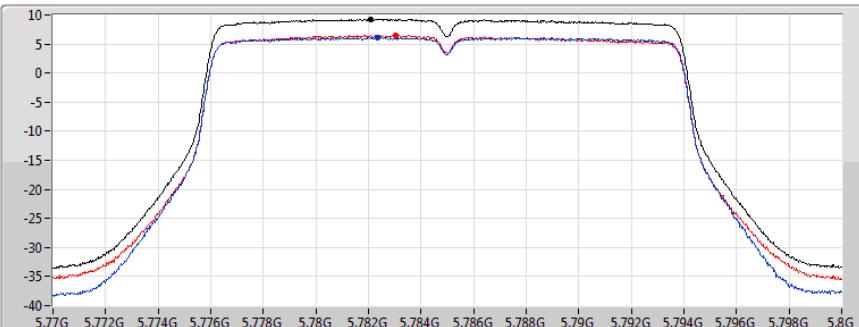


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

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



Sum
Port 1
Port 2

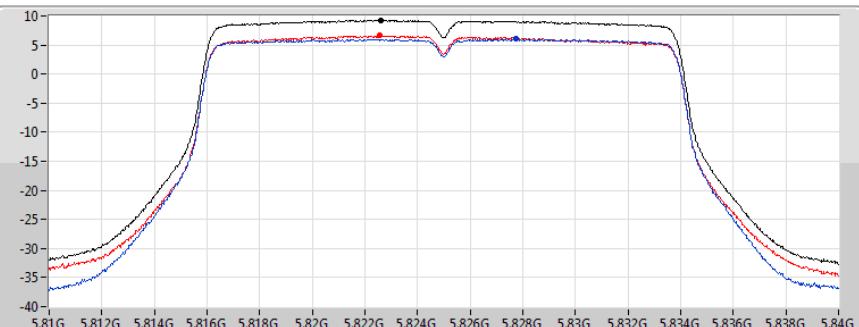
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	6.10	6.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

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



Sum
Port 1
Port 2

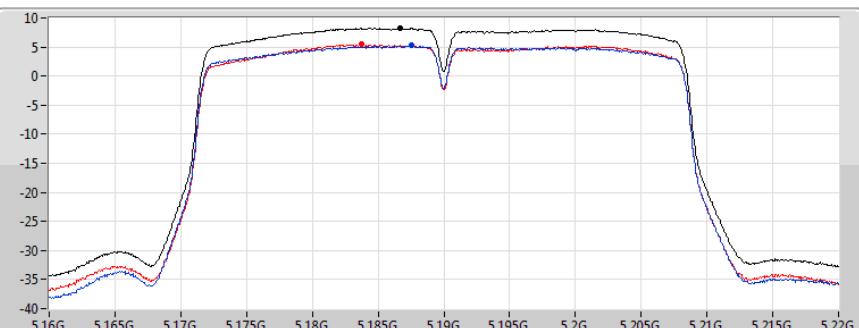
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.31	9.31	6.04	6.63

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.26	5.42

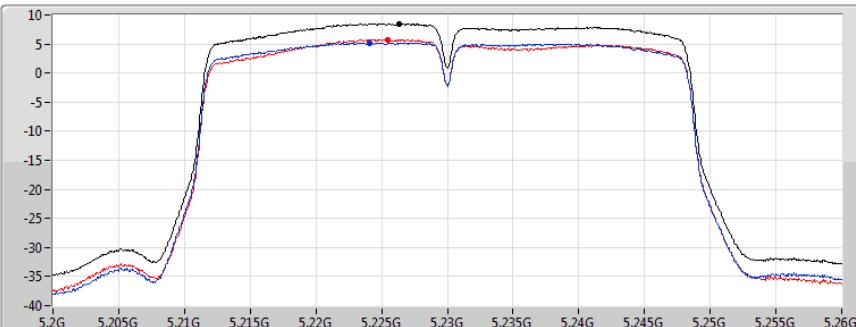


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

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



Sum
Port 1
Port 2

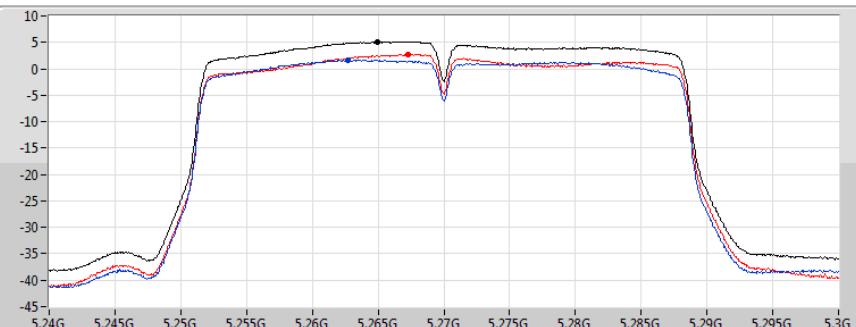
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	5.21	5.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

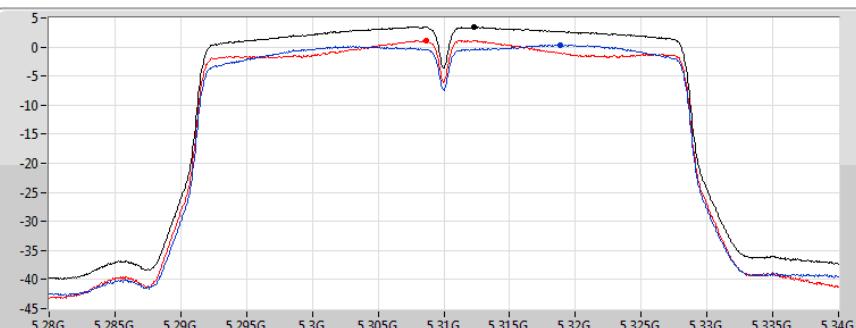
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	1.71	2.73

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

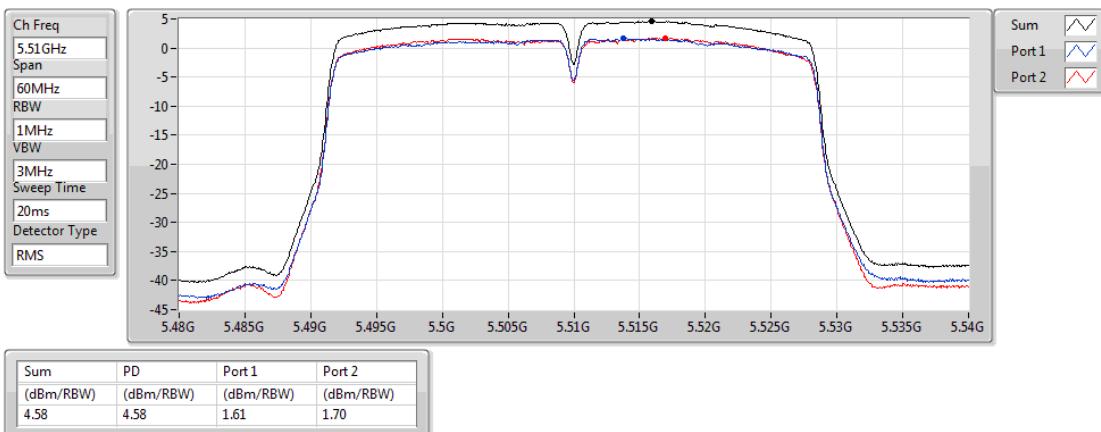
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	0.36	1.18



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

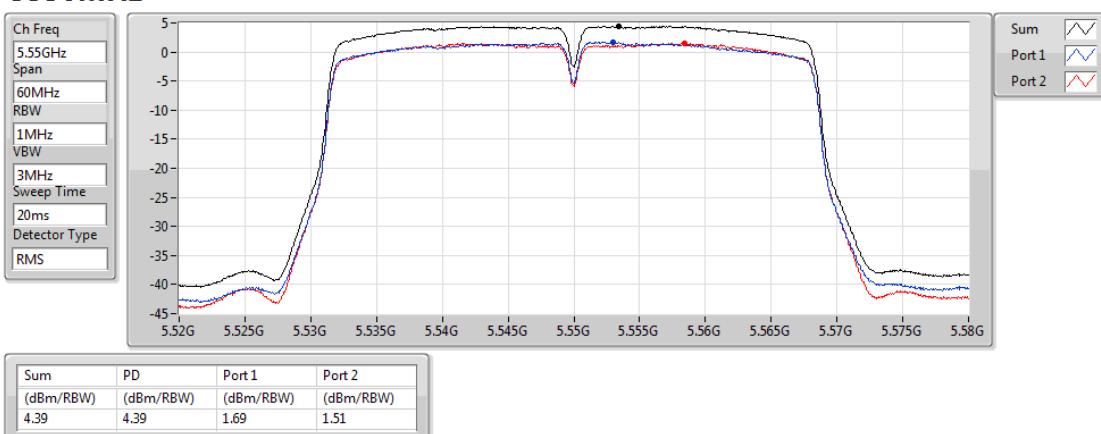
5510MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

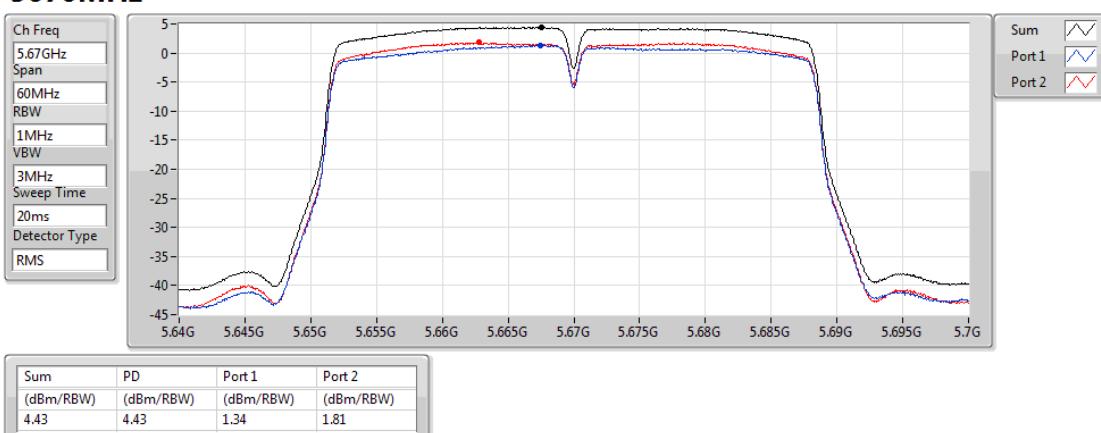
5550MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

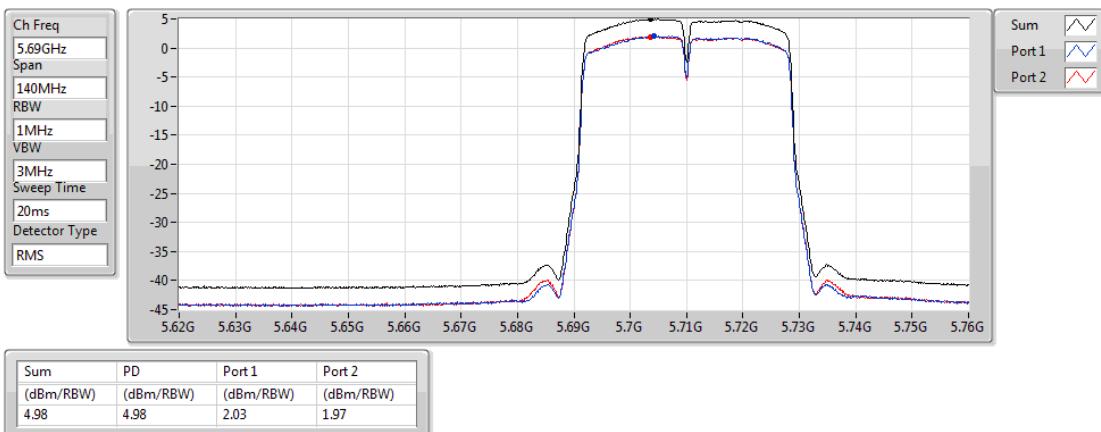




802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

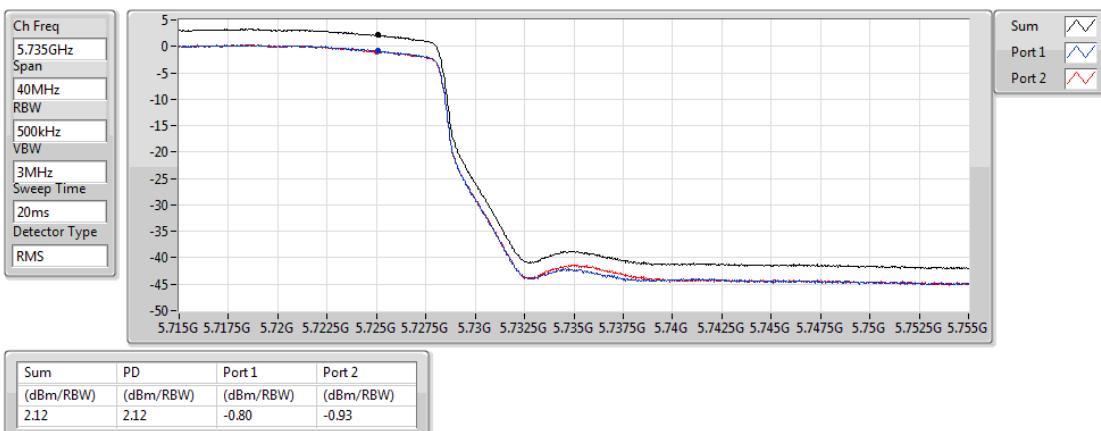
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

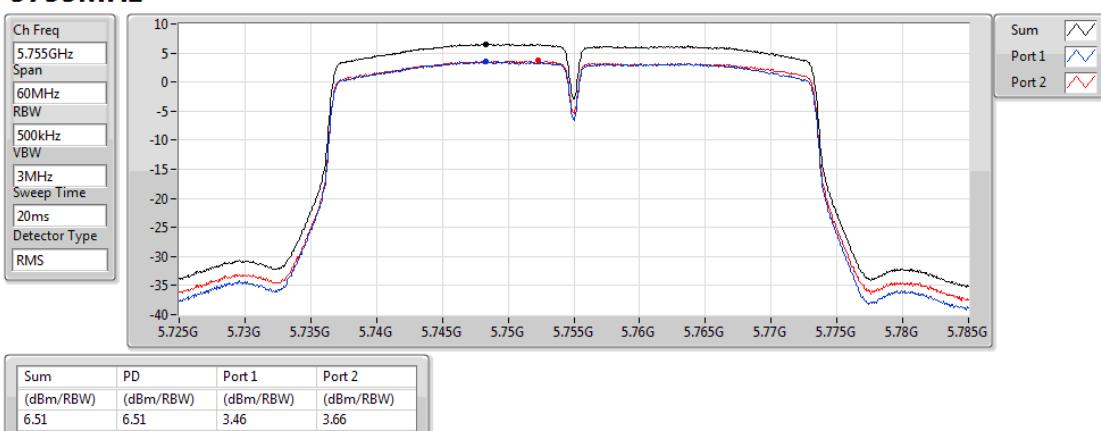
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz



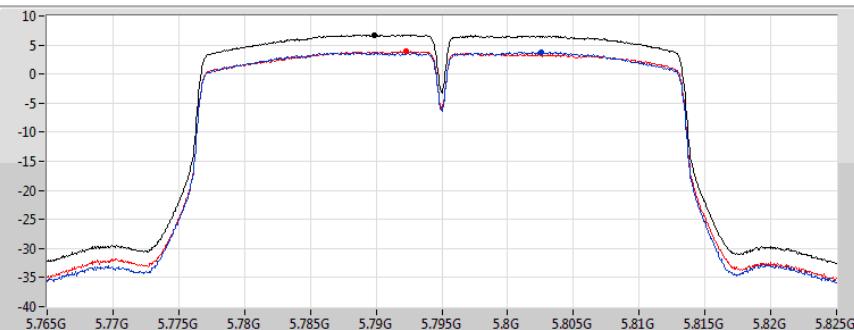


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



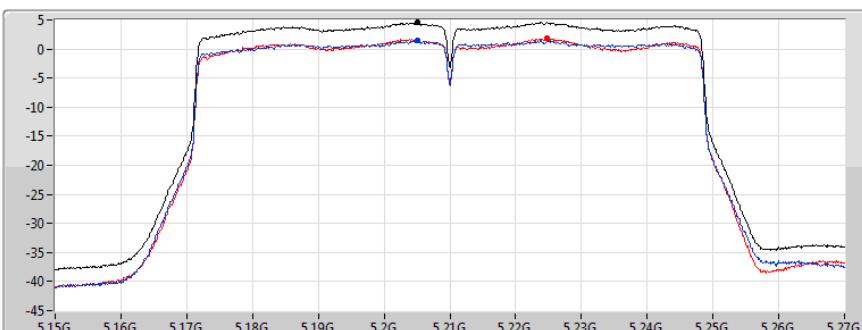
Sum
Port 1
Port 2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

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



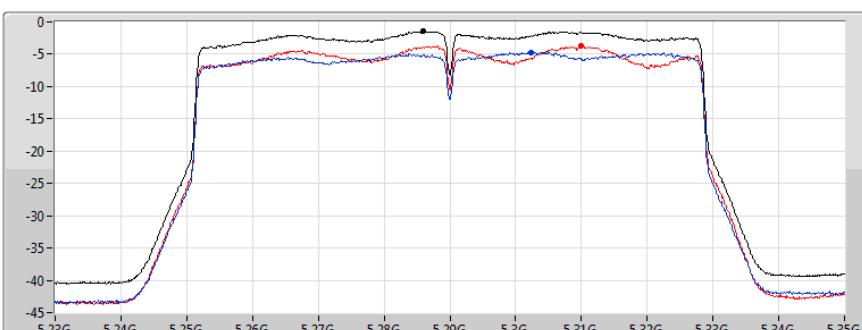
Sum
Port 1
Port 2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	1.58	1.78

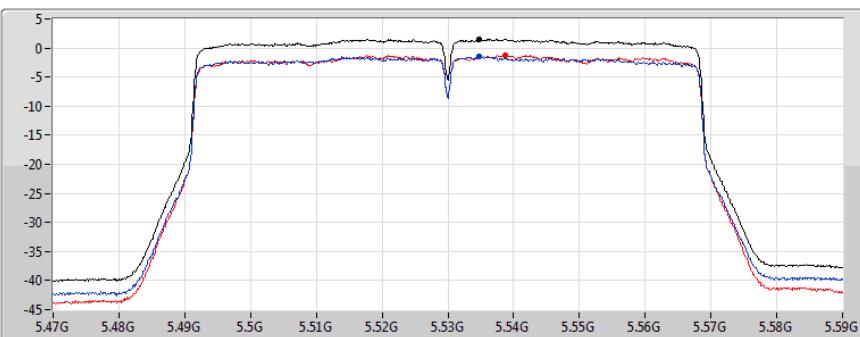


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

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



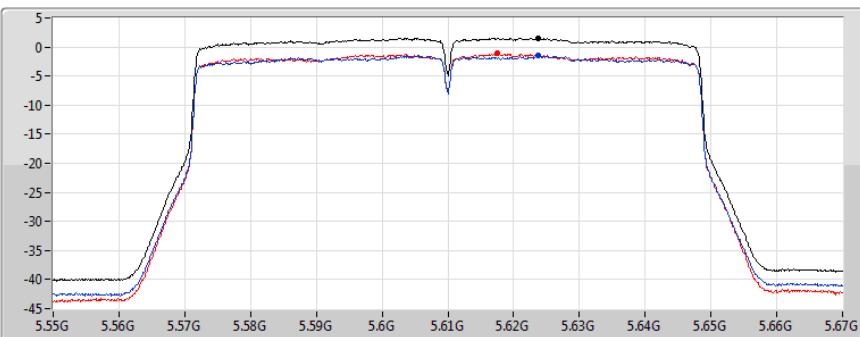
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.54	1.54	-1.45	-1.20

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



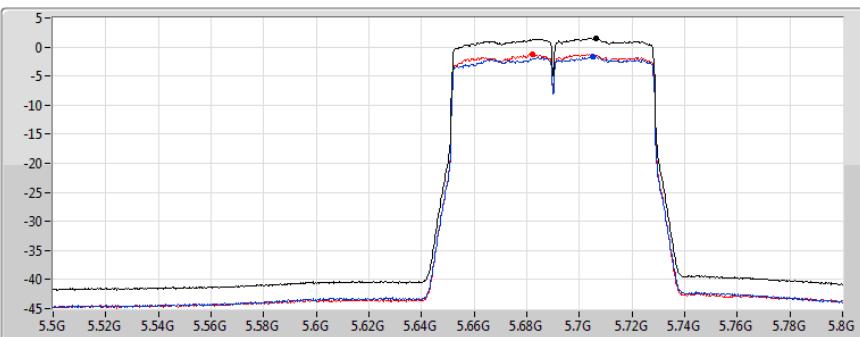
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.54	1.54	-1.51	-1.14

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



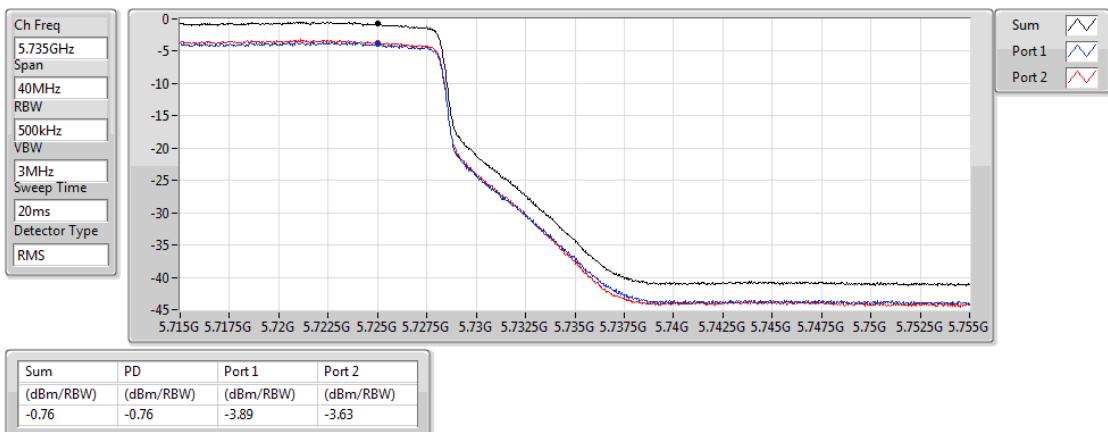
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-1.59	-1.28



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

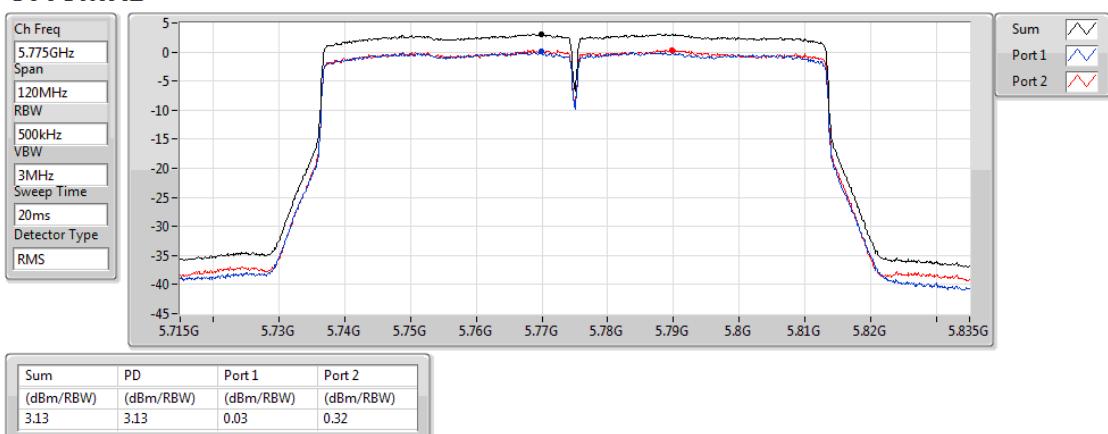
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz





For Set 4 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-
5.15-5.25GHz	12.60
5.25-5.35GHz	6.67
5.47-5.725GHz	6.67
5.725-5.85GHz	11.36
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.35
5.25-5.35GHz	6.49
5.47-5.725GHz	6.59
5.725-5.85GHz	11.29
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.08
5.25-5.35GHz	6.31
5.47-5.725GHz	6.67
5.725-5.85GHz	8.72
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	5.23
5.25-5.35GHz	-0.37
5.47-5.725GHz	5.03
5.725-5.85GHz	5.82

RBW = 500kHz 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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.30	7.97	8.01	7.81	12.59	12.70
5200MHz	Pass	10.30	8.13	7.92	7.73	12.60	12.70
5240MHz	Pass	10.30	8.09	7.91	7.47	12.52	12.70
5260MHz	Pass	10.30	2.20	1.86	2.16	6.67	6.70
5300MHz	Pass	10.30	2.18	1.72	1.79	6.59	6.70
5320MHz	Pass	10.30	1.90	1.72	1.14	6.24	6.70
5500MHz	Pass	10.30	1.98	2.35	1.87	6.67	6.70
5580MHz	Pass	10.30	2.01	1.94	1.82	6.66	6.70
5700MHz	Pass	10.30	1.61	2.25	1.80	6.50	6.70
5720MHz Straddle 5.47-5.725GHz	Pass	10.30	1.71	2.38	1.77	6.52	6.70
5720MHz Straddle 5.725-5.85GHz	Pass	10.30	-0.20	0.42	-0.16	4.71	25.70
5745MHz	Pass	10.30	6.74	7.10	6.69	11.36	25.70
5785MHz	Pass	10.30	6.67	6.80	6.67	11.33	25.70
5825MHz	Pass	10.30	6.70	6.80	6.50	11.35	25.70
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.30	7.59	7.58	7.59	12.31	12.70
5200MHz	Pass	10.30	7.75	7.55	7.62	12.35	12.70
5240MHz	Pass	10.30	7.80	7.62	7.35	12.25	12.70
5260MHz	Pass	10.30	1.75	1.55	1.90	6.36	6.70
5300MHz	Pass	10.30	1.86	1.52	1.65	6.28	6.70
5320MHz	Pass	10.30	2.07	2.04	1.64	6.49	6.70
5500MHz	Pass	10.30	1.96	2.15	1.80	6.59	6.70
5580MHz	Pass	10.30	2.03	1.89	1.76	6.48	6.70
5700MHz	Pass	10.30	1.51	2.11	1.49	6.35	6.70
5720MHz Straddle 5.47-5.725GHz	Pass	10.30	1.53	2.04	1.56	6.32	6.70
5720MHz Straddle 5.725-5.85GHz	Pass	10.30	-0.29	-0.14	-0.16	4.53	25.70
5745MHz	Pass	10.30	6.63	6.87	6.47	11.29	25.70
5785MHz	Pass	10.30	6.41	6.73	6.71	11.22	25.70
5825MHz	Pass	10.30	6.56	6.71	6.39	11.19	25.70
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.30	5.56	5.38	5.51	10.08	12.70
5230MHz	Pass	10.30	5.51	5.40	4.92	9.97	12.70
5270MHz	Pass	10.30	1.71	1.67	1.81	6.29	6.70
5310MHz	Pass	10.30	2.94	1.57	2.70	6.31	6.70
5510MHz	Pass	10.30	1.92	2.18	1.60	6.53	6.70
5550MHz	Pass	10.30	1.99	2.14	1.93	6.67	6.70
5670MHz	Pass	10.30	1.65	2.30	1.86	6.61	6.70
5710MHz Straddle 5.47-5.725GHz	Pass	10.30	1.36	2.13	1.59	6.34	6.70
5710MHz Straddle 5.725-5.85GHz	Pass	10.30	-2.05	-1.09	-1.76	3.10	25.70
5755MHz	Pass	10.30	4.00	4.50	3.69	8.72	25.70
5795MHz	Pass	10.30	4.19	4.33	3.88	8.64	25.70
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	10.30	0.91	0.64	0.57	5.23	12.70
5290MHz	Pass	10.30	-5.18	-4.94	-4.74	-0.37	6.70
5530MHz	Pass	10.30	-0.88	-1.14	-1.37	3.36	6.70
5610MHz	Pass	10.30	0.36	0.52	-0.03	4.94	6.70
5690MHz Straddle 5.47-5.725GHz	Pass	10.30	-0.11	0.88	-0.01	5.03	6.70
5690MHz Straddle 5.725-5.85GHz	Pass	10.30	-3.67	-2.37	-2.92	1.76	25.70
5775MHz	Pass	10.30	1.07	1.33	0.95	5.82	25.70

DG = Directional Gain; **RBW** = 500kHz 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;

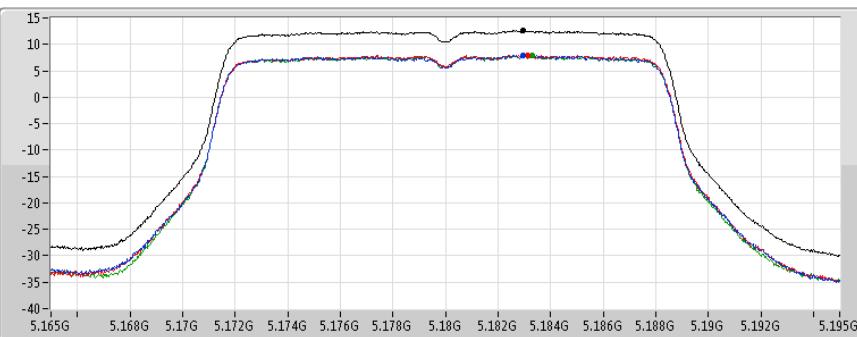


802.11a_(6Mbps)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

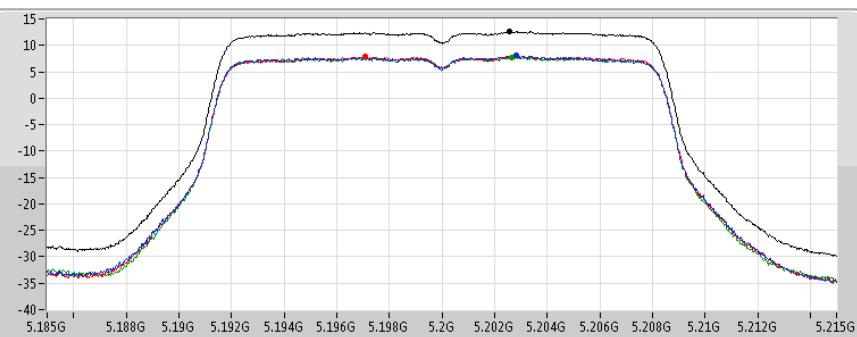
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.59	12.59	7.97	8.01	7.81

802.11a_(6Mbps)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

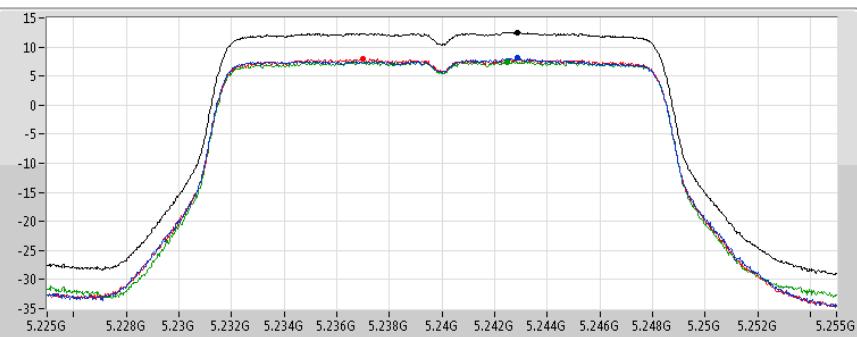
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.60	12.60	8.13	7.92	7.73

802.11a_(6Mbps)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	8.09	7.91	7.47

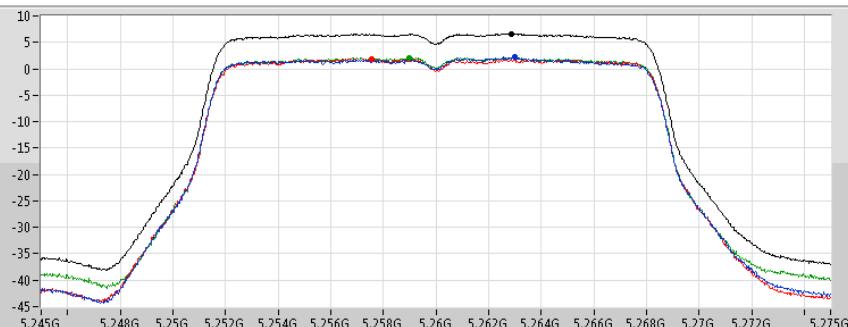


802.11a_(6Mbps)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

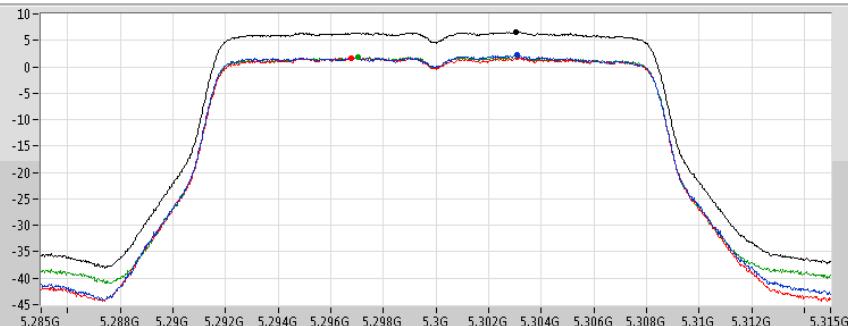
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	2.20	1.86	2.16

802.11a_(6Mbps)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

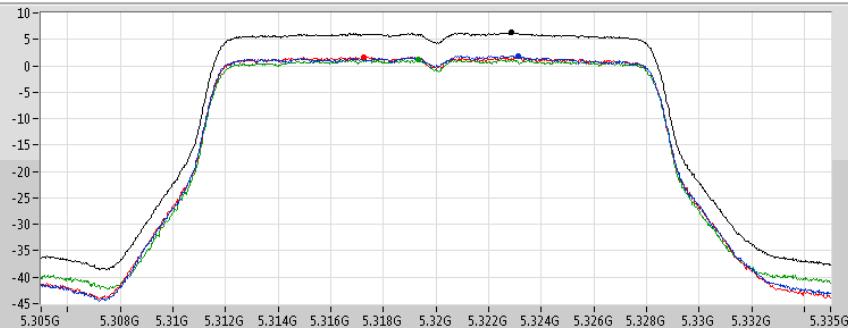
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	2.18	1.72	1.79

802.11a_(6Mbps)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.24	6.24	1.90	1.72	1.14

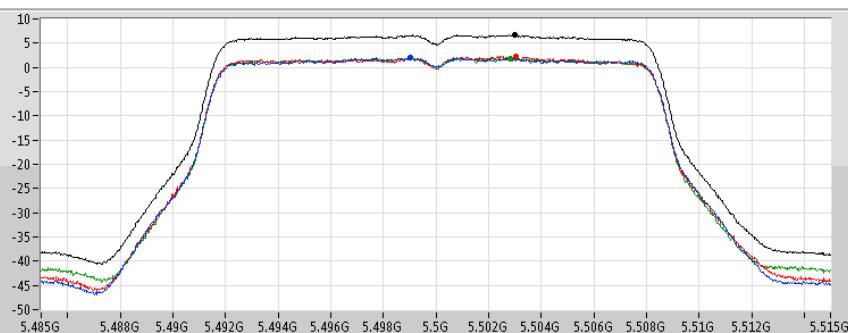


802.11a_(6Mbps)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

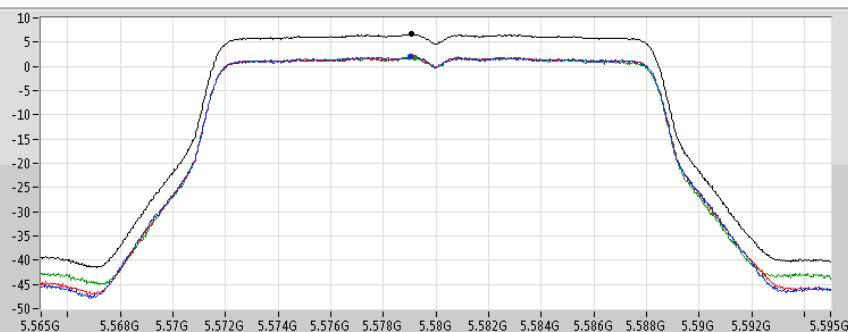
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.98	2.35	1.87

802.11a_(6Mbps)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

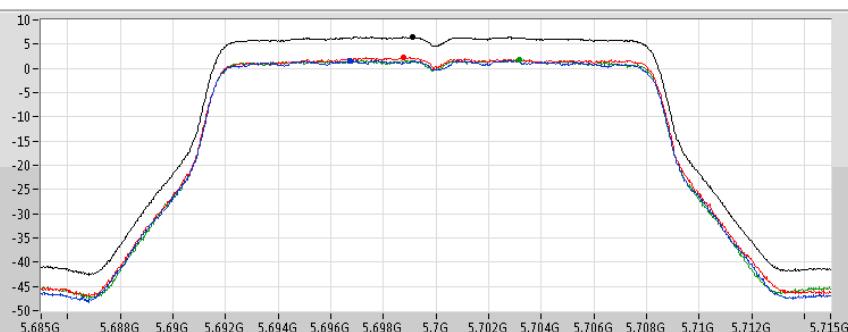
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	2.01	1.94	1.82

802.11a_(6Mbps)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	1.61	2.25	1.80

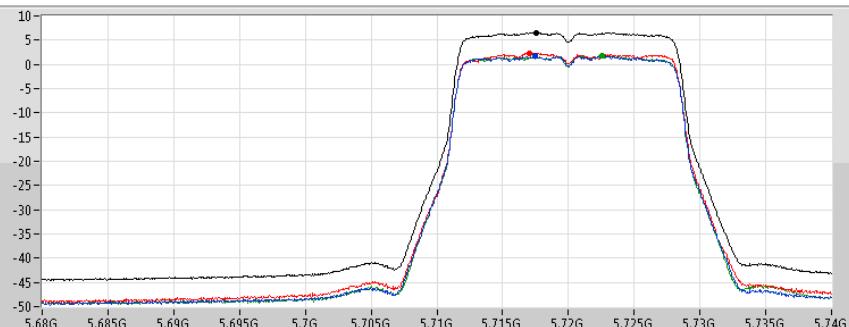


802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

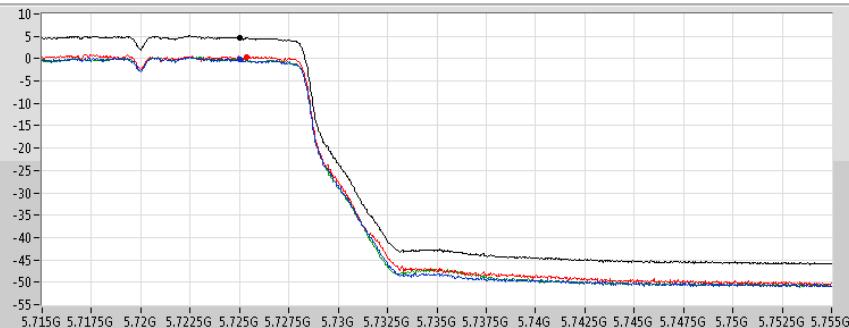
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	1.71	2.38	1.77

802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

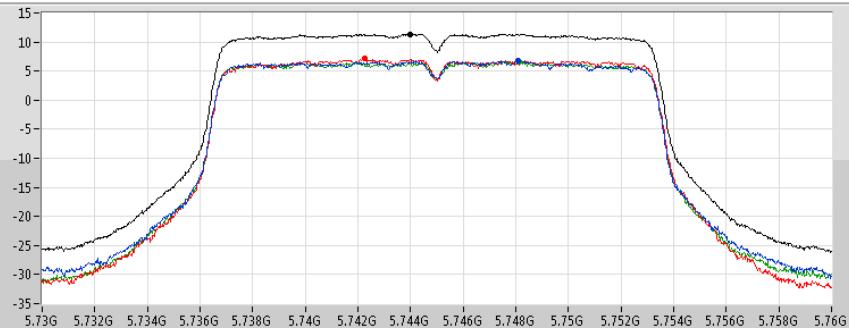
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	-0.20	0.42	-0.16

802.11a_(6Mbps)_3TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.36	11.36	6.74	7.10	6.69

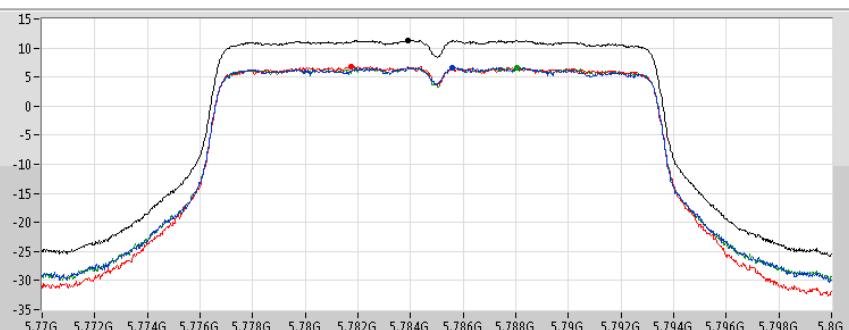


802.11a_(6Mbps)_3TX

PSD

5785MHz

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



Sum
Port 1
Port 2
Port 3

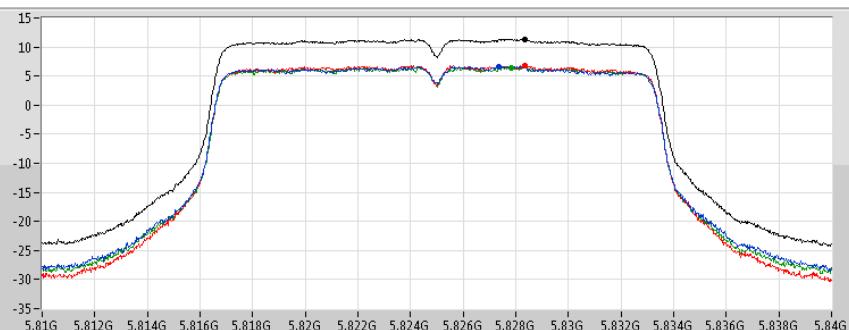
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.33	11.33	6.67	6.80	6.67

802.11a_(6Mbps)_3TX

PSD

5825MHz

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



Sum
Port 1
Port 2
Port 3

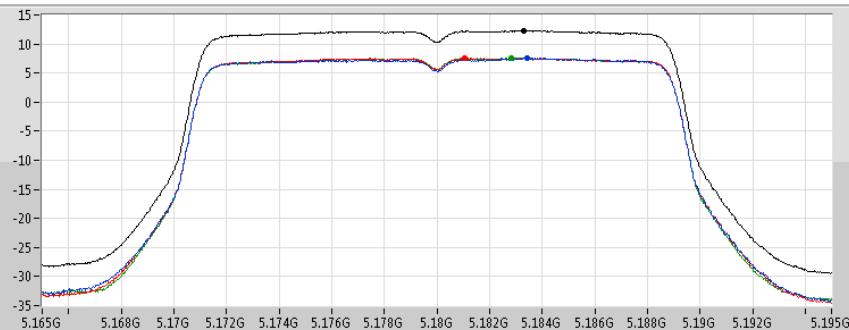
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	6.70	6.80	6.50

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	7.59	7.58	7.59

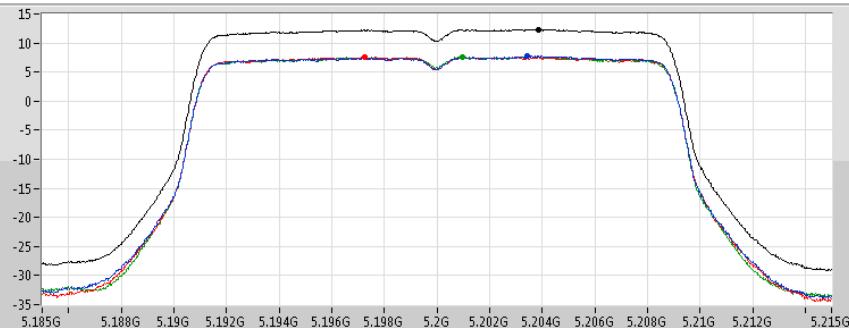


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

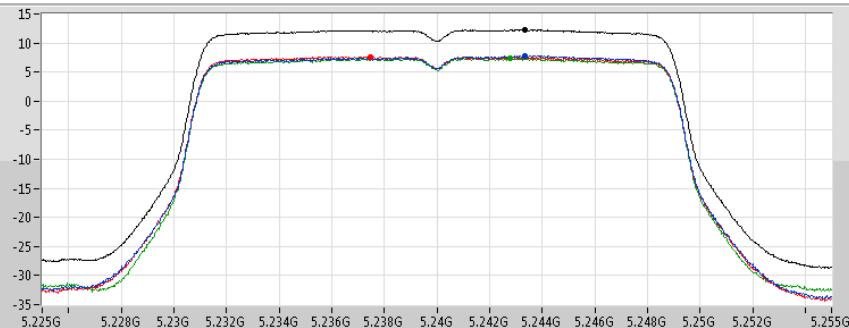
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.35	12.35	7.75	7.55	7.62

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

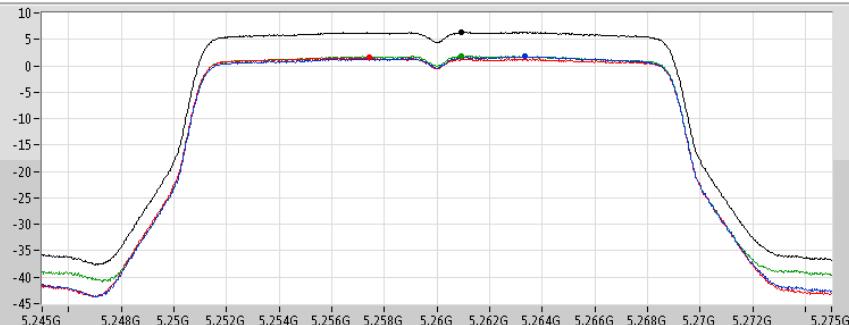
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.25	12.25	7.80	7.62	7.35

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	1.75	1.55	1.90

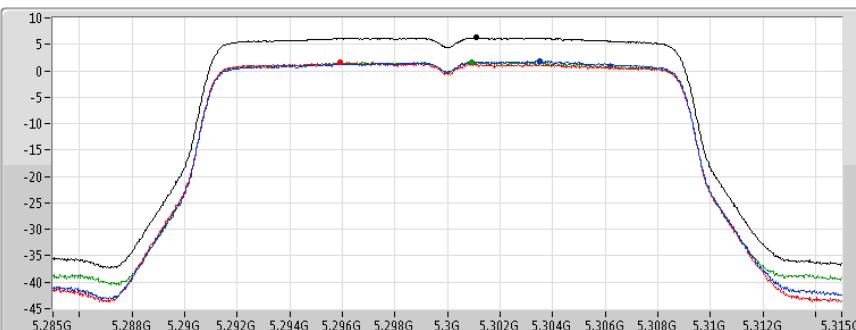


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

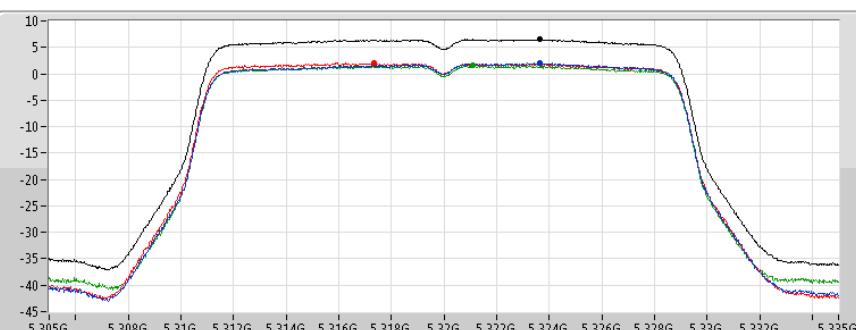
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	1.86	1.52	1.65

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

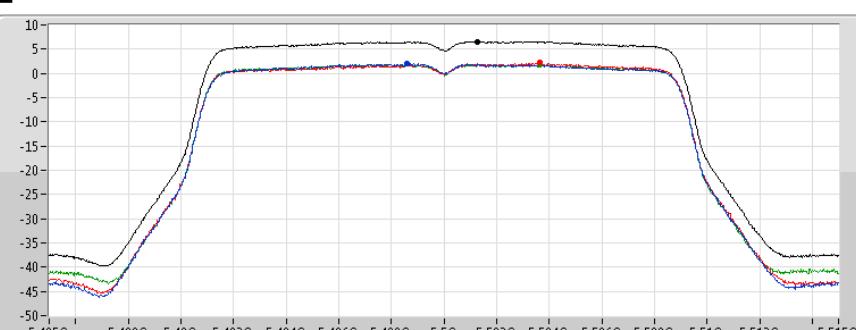
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	2.07	2.04	1.64

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	1.96	2.15	1.80

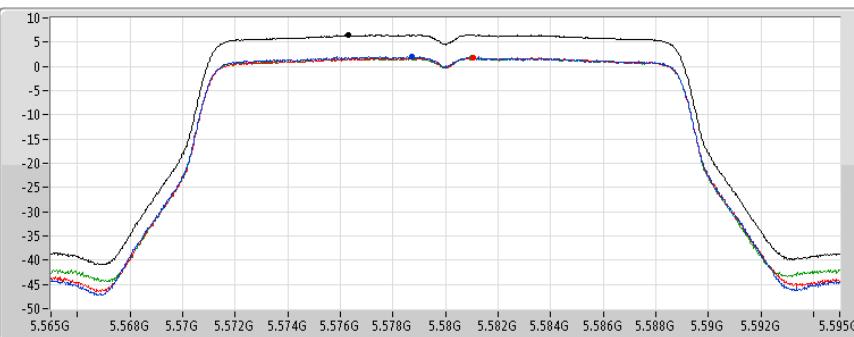


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

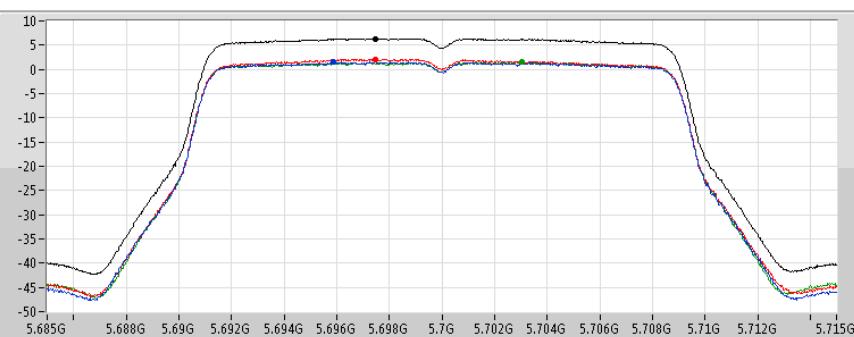
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	2.03	1.89	1.76

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

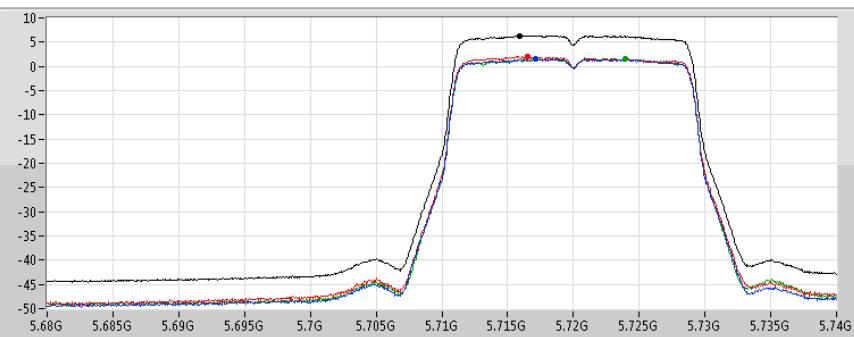
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	1.51	2.11	1.49

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

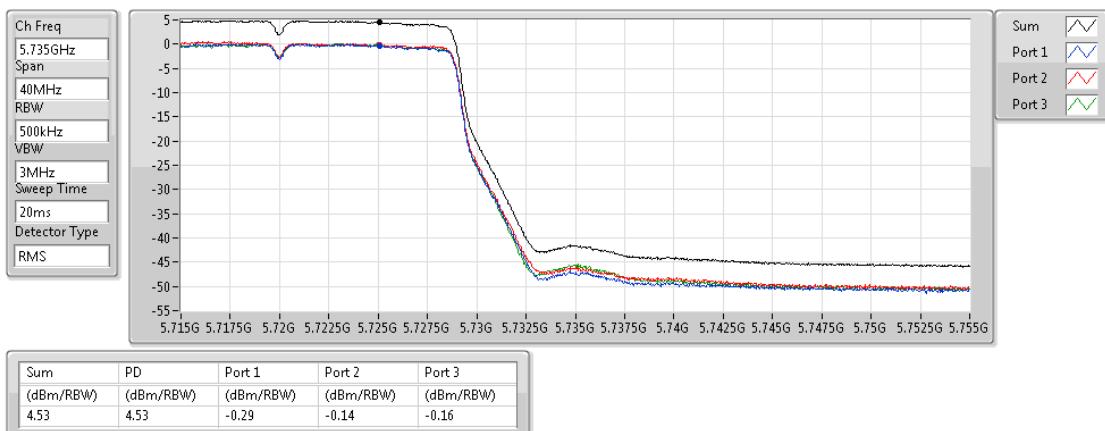
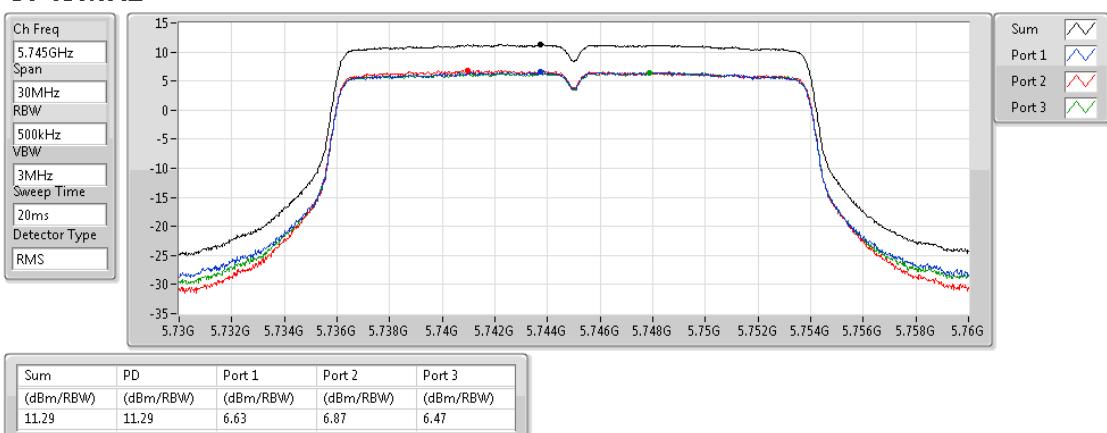
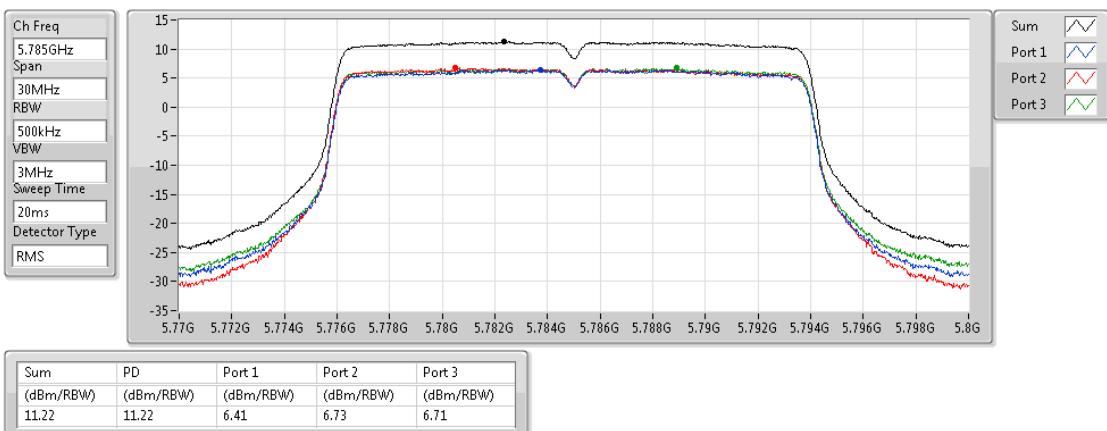
5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	1.53	2.04	1.56

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT20_Nss1,(MCS0)_3TX
5745MHz****PSD****802.11ac VHT20_Nss1,(MCS0)_3TX
5785MHz****PSD**

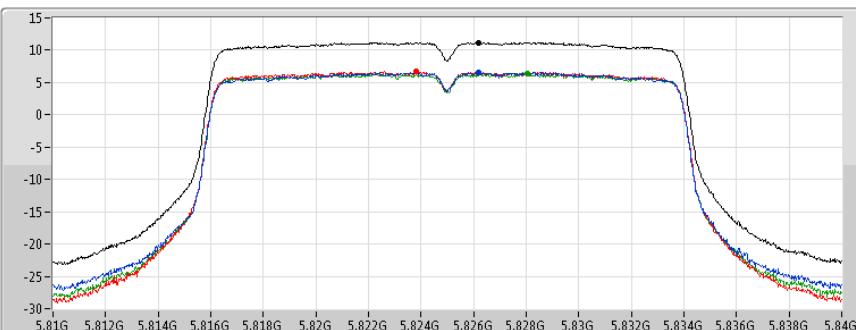


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5825MHz

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



Sum
Port 1
Port 2
Port 3

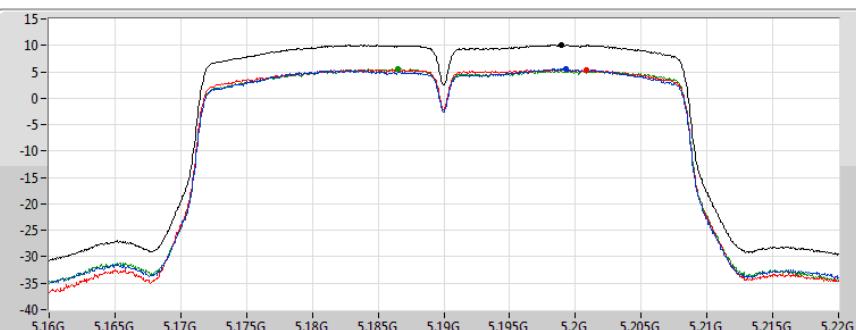
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.19	11.19	6.56	6.71	6.39

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5190MHz

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



Sum
Port 1
Port 2
Port 3

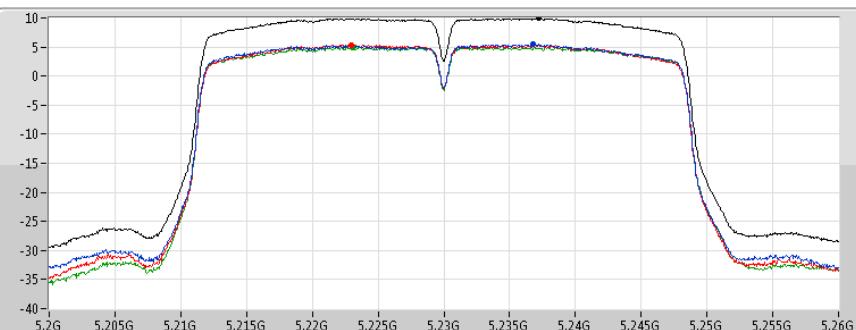
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	5.56	5.38	5.51

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	5.51	5.40	4.92

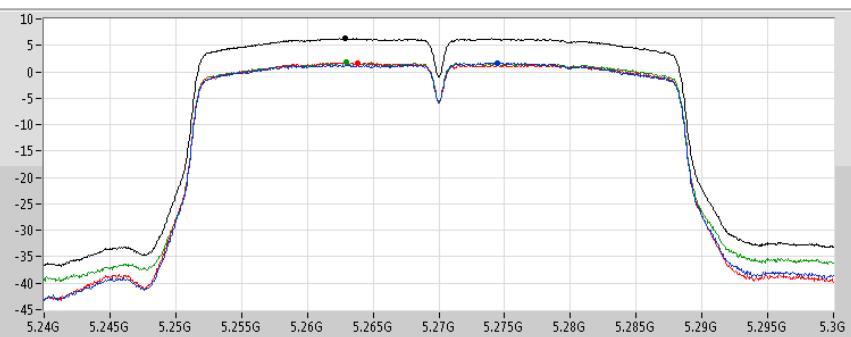


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

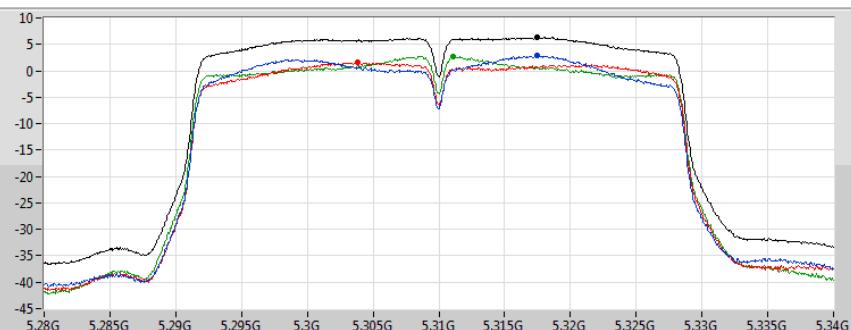
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	1.71	1.67	1.81

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

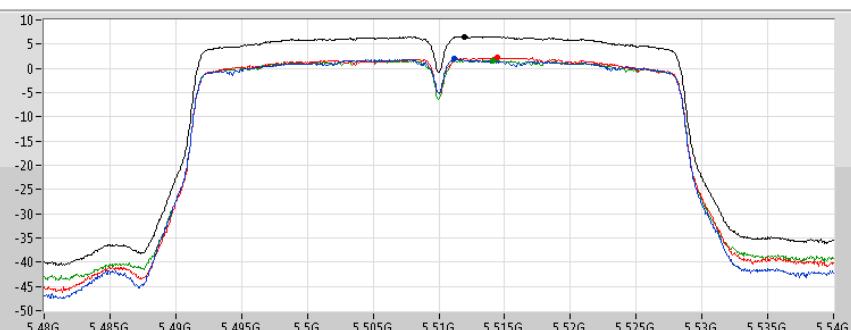
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	2.94	1.57	2.70

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	1.92	2.18	1.60

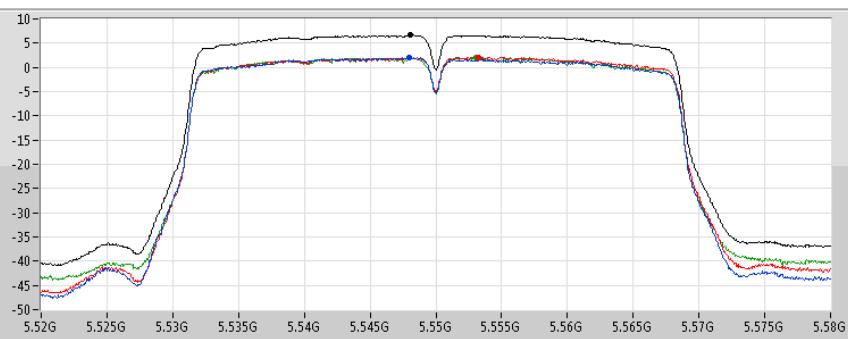


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

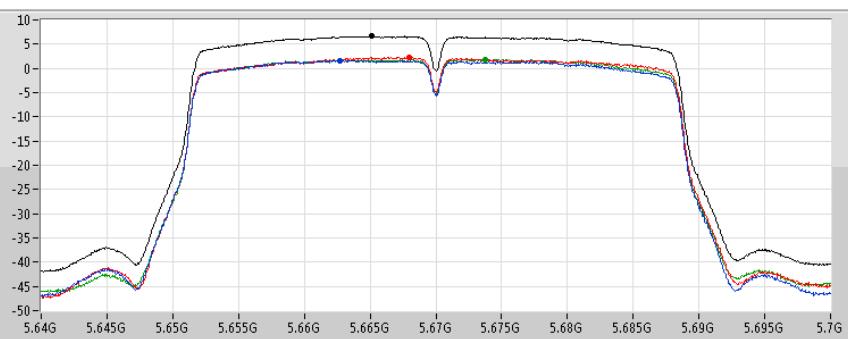
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.99	2.14	1.93

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

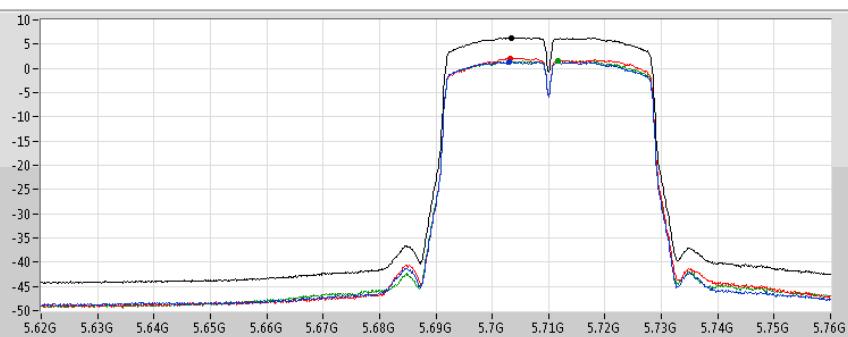
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	1.65	2.30	1.86

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

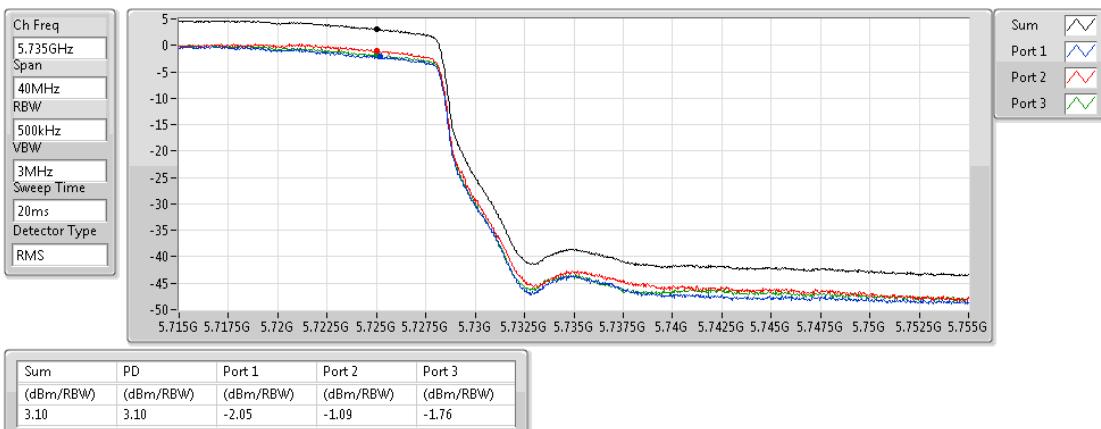
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.34	6.34	1.36	2.13	1.59



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

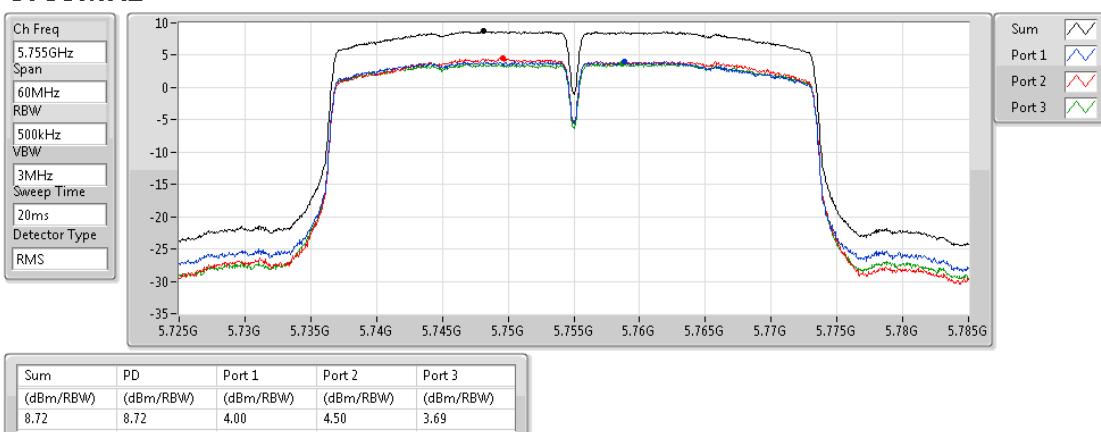
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

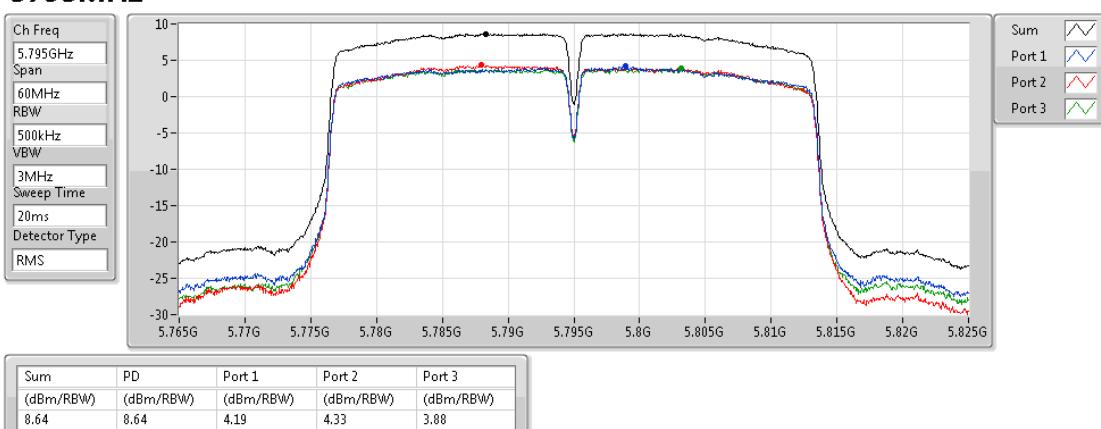
5755MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5795MHz



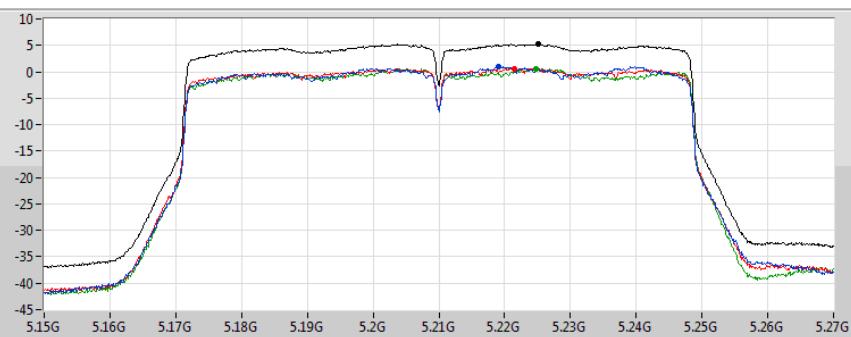


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5210MHz

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



Sum
Port 1
Port 2
Port 3

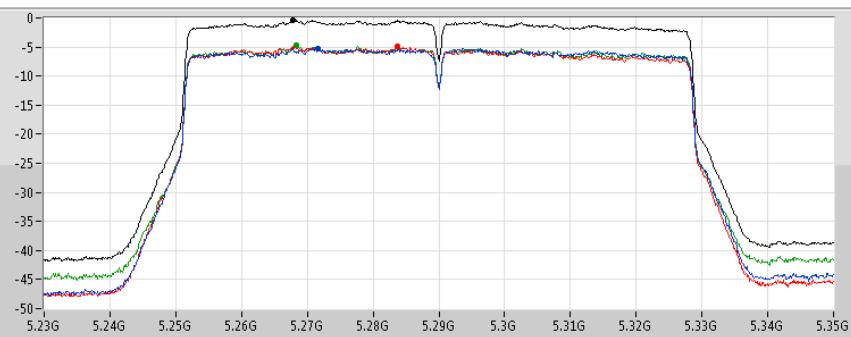
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	0.91	0.64	0.57

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5290MHz

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



Sum
Port 1
Port 2
Port 3

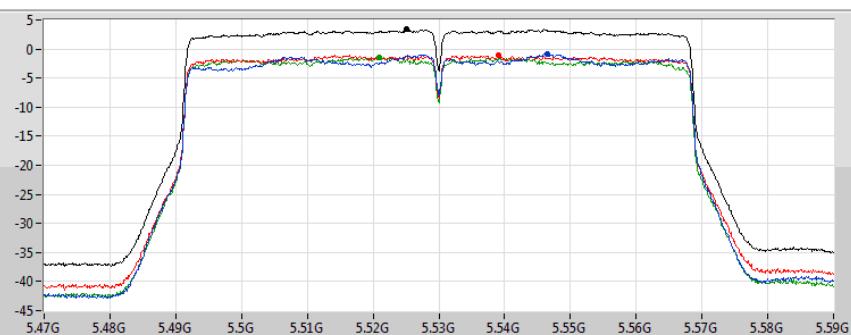
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-5.18	-4.94	-4.74

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5530MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	-0.88	-1.14	-1.37

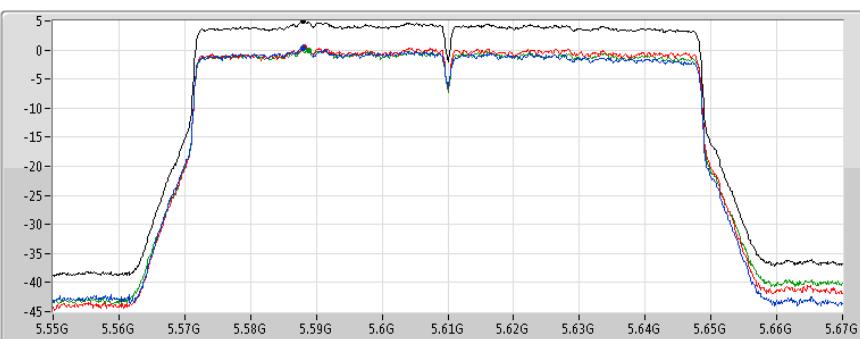


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



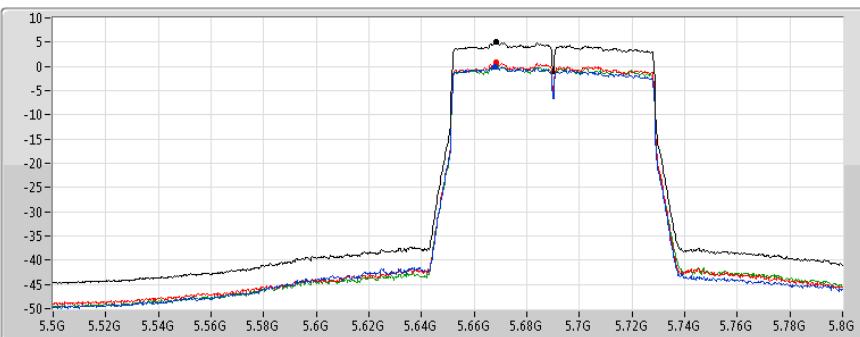
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	0.36	0.52	-0.03

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



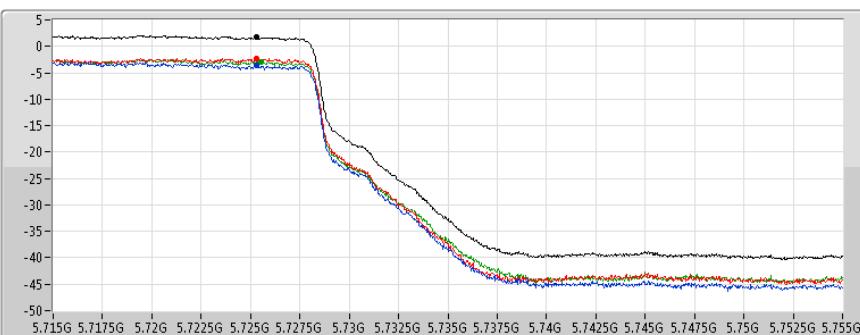
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	-0.11	0.88	-0.01

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.76	1.76	-3.67	-2.37	-2.92

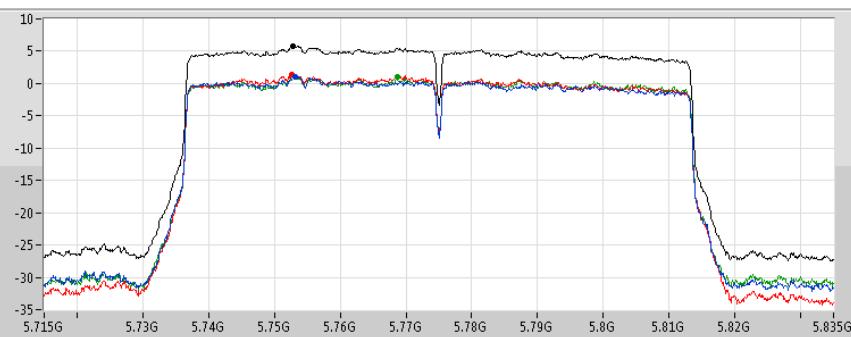


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	1.07	1.33	0.95



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.48
5.25-5.35GHz	6.62
5.47-5.725GHz	6.58
5.725-5.85GHz	11.61
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.03
5.25-5.35GHz	3.98
5.47-5.725GHz	4.47
5.725-5.85GHz	11.18
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	4.91
5.25-5.35GHz	-0.19
5.47-5.725GHz	0.50
5.725-5.85GHz	4.54

RBW = 500kHz 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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.30	7.53	8.50	7.99	12.48	12.70
5200MHz	Pass	10.30	8.21	8.39	8.27	12.47	12.70
5240MHz	Pass	10.30	8.23	7.73	8.53	12.47	12.70
5260MHz	Pass	10.30	2.02	1.57	1.89	6.25	6.70
5300MHz	Pass	10.30	1.94	1.79	2.44	6.62	6.70
5320MHz	Pass	10.30	2.08	1.81	2.34	6.42	6.70
5500MHz	Pass	10.30	2.65	2.82	2.79	6.53	6.70
5580MHz	Pass	10.30	2.02	1.89	2.64	6.58	6.70
5700MHz	Pass	10.30	2.20	2.23	3.15	6.57	6.70
5720MHz Straddle 5.47-5.725GHz	Pass	10.30	1.76	0.82	1.24	5.30	6.70
5720MHz Straddle 5.725-5.85GHz	Pass	10.30	-2.44	-0.66	-0.84	3.42	25.70
5745MHz	Pass	10.30	6.07	6.44	6.81	10.82	25.70
5785MHz	Pass	10.30	6.93	7.40	7.32	11.38	25.70
5825MHz	Pass	10.30	6.97	7.82	7.23	11.61	25.70
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.30	5.25	4.89	4.93	9.18	12.70
5230MHz	Pass	10.30	6.77	5.63	6.82	10.03	12.70
5270MHz	Pass	10.30	-0.34	-0.69	-0.13	3.98	6.70
5310MHz	Pass	10.30	0.25	-0.75	0.17	3.80	6.70
5510MHz	Pass	10.30	-0.22	-0.05	-0.61	3.97	6.70
5550MHz	Pass	10.30	-0.73	-0.72	0.04	4.13	6.70
5670MHz	Pass	10.30	0.53	-0.60	0.12	4.47	6.70
5710MHz Straddle 5.47-5.725GHz	Pass	10.30	-0.80	0.66	-0.28	3.78	6.70
5710MHz Straddle 5.725-5.85GHz	Pass	10.30	-4.16	-4.08	-5.06	0.15	25.70
5755MHz	Pass	10.30	6.05	6.22	6.38	10.91	25.70
5795MHz	Pass	10.30	6.23	6.60	6.64	11.18	25.70
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.30	0.68	0.10	0.57	4.91	12.70
5290MHz	Pass	10.30	-3.96	-4.66	-3.65	-0.19	6.70
5530MHz	Pass	10.30	-3.99	-4.40	-4.53	-0.59	6.70
5610MHz	Pass	10.30	-4.49	-4.77	-4.46	-0.60	6.70
5690MHz Straddle 5.47-5.725GHz	Pass	10.30	-4.22	-4.18	-4.12	0.50	6.70
5690MHz Straddle 5.725-5.85GHz	Pass	10.30	-6.81	-6.44	-6.55	-1.85	25.70
5775MHz	Pass	10.30	-0.40	0.15	0.03	4.54	25.70

DG = Directional Gain; **RBW** = 500kHz 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;

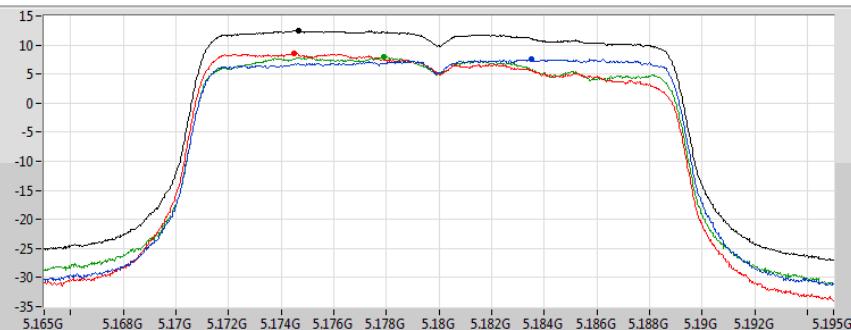


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

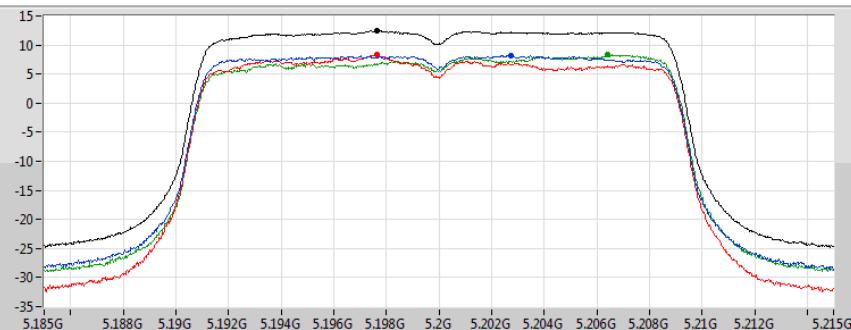
12.48 12.48 7.53 8.50 7.99

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

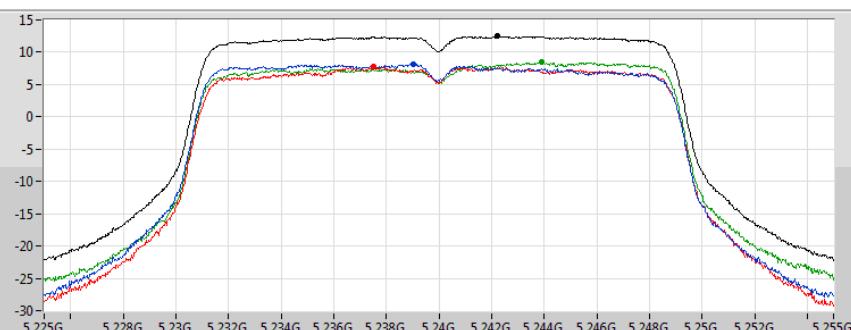
12.47 12.47 8.21 8.39 8.27

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)

12.47 12.47 8.23 7.73 8.53

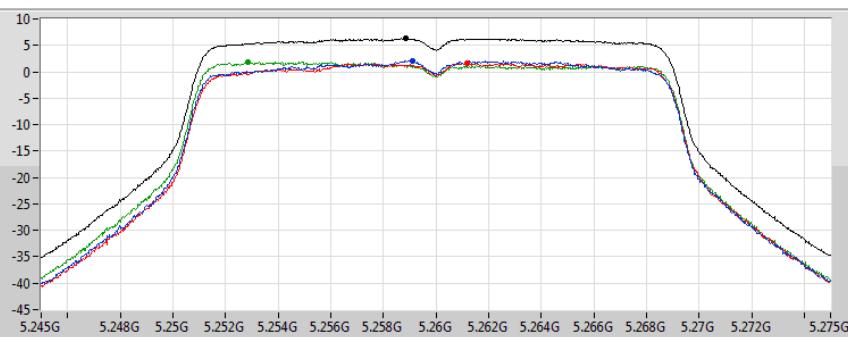


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

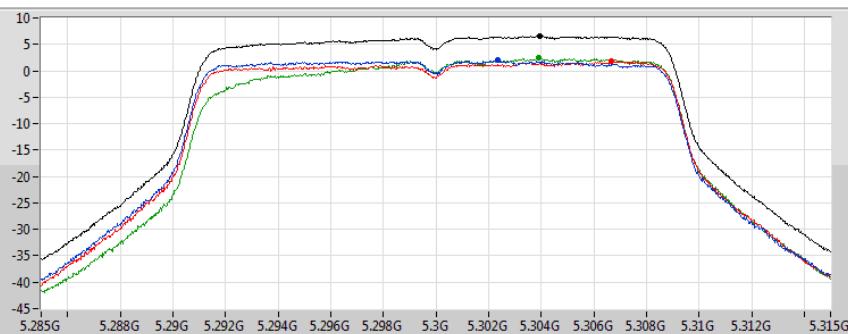
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.25	6.25	2.02	1.57	1.89

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

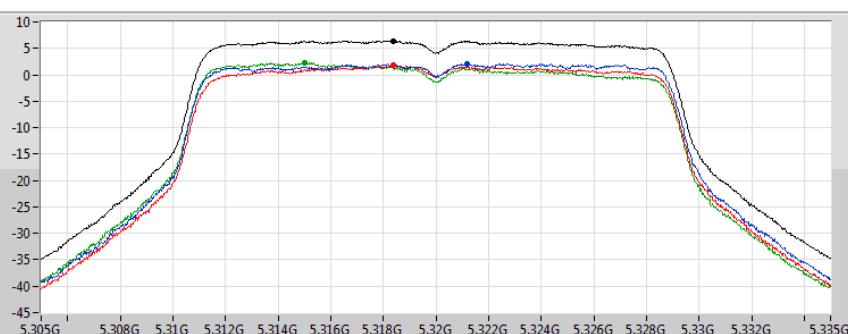
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	1.94	1.79	2.44

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.42	6.42	2.08	1.81	2.34

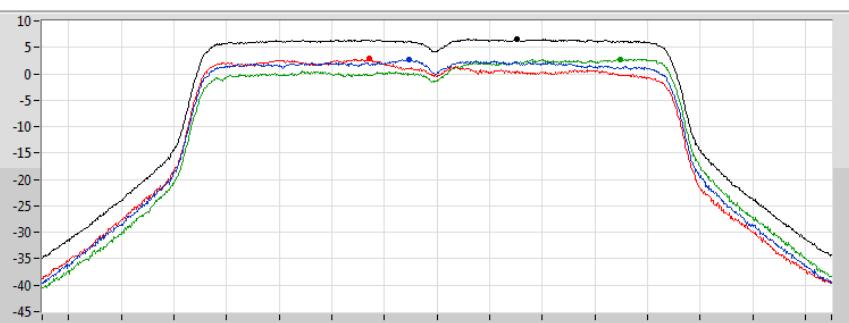


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

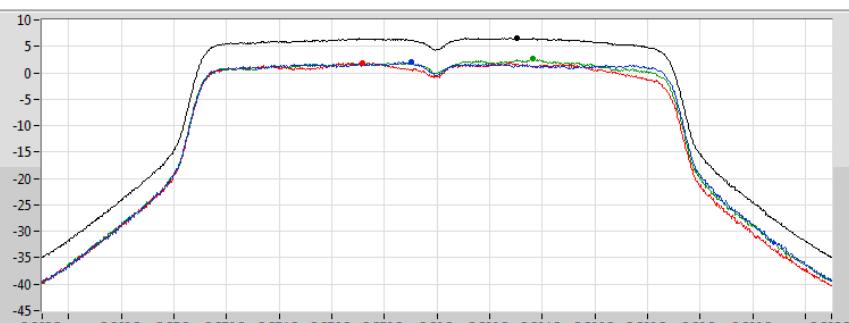
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	2.65	2.82	2.79

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

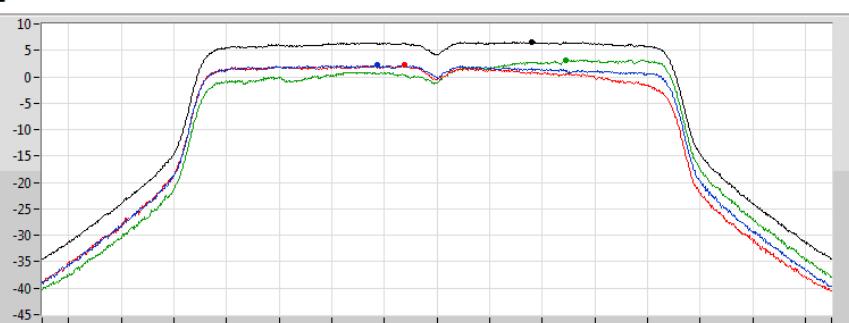
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	2.02	1.89	2.64

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

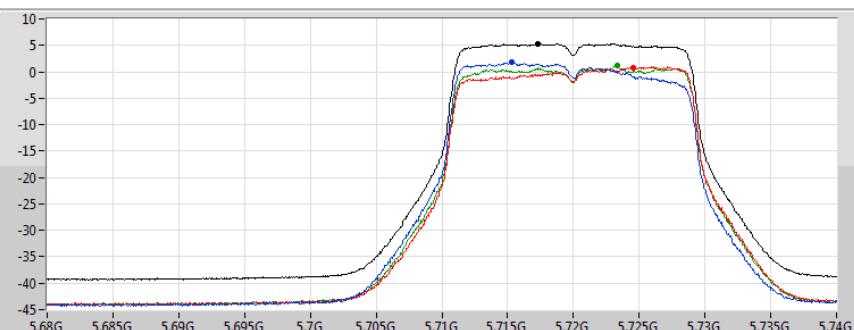


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	2.20	2.23	3.15

**802.11ac VHT20-BF_Nss1,(MCS0)_3TX
5720MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

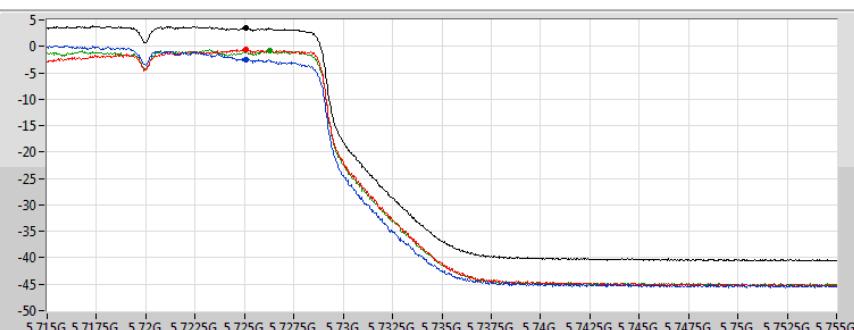


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	1.76	0.82	1.24

**802.11ac VHT20-BF_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

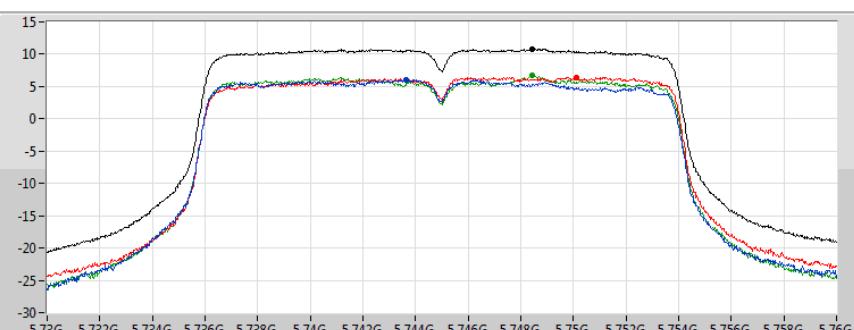


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.42	3.42	-2.44	-0.66	-0.84

**802.11ac VHT20-BF_Nss1,(MCS0)_3TX
5745MHz****PSD**

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	6.07	6.44	6.81

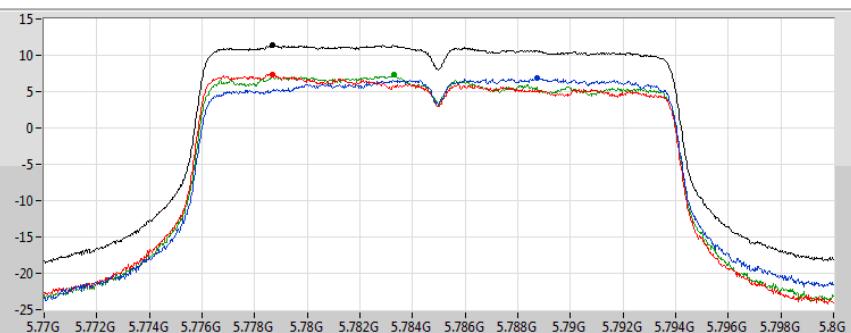


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5785MHz

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



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

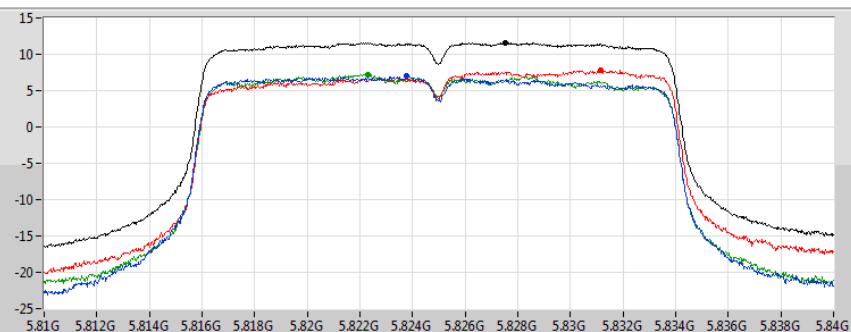
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	6.93	7.40	7.32

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5825MHz

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



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

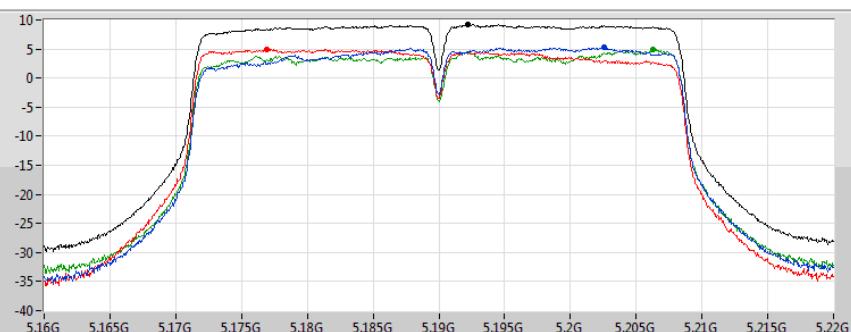
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	6.97	7.82	7.23

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5190MHz

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



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	5.25	4.89	4.93

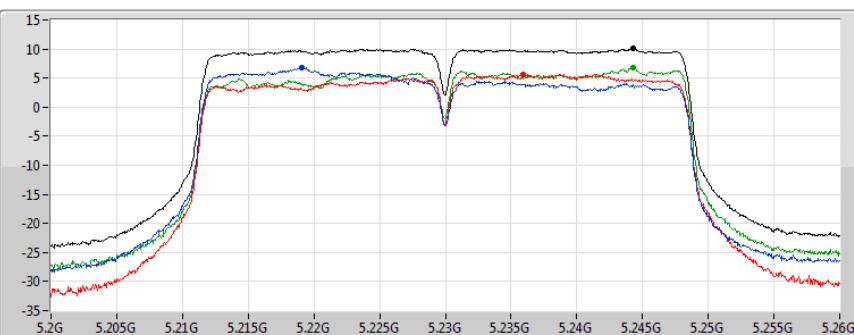


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum
Port 1
Port 2
Port 3

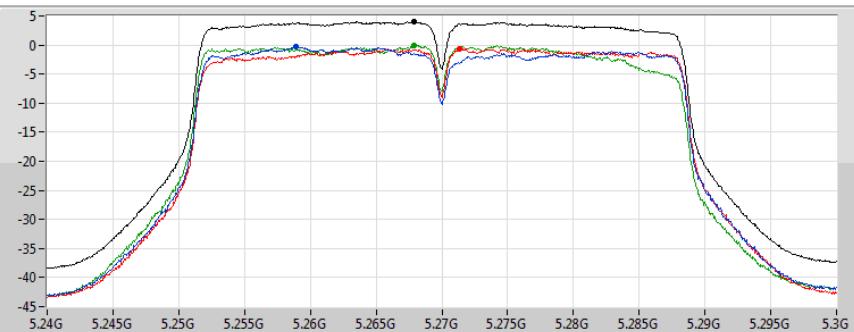
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	6.77	5.63	6.82

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

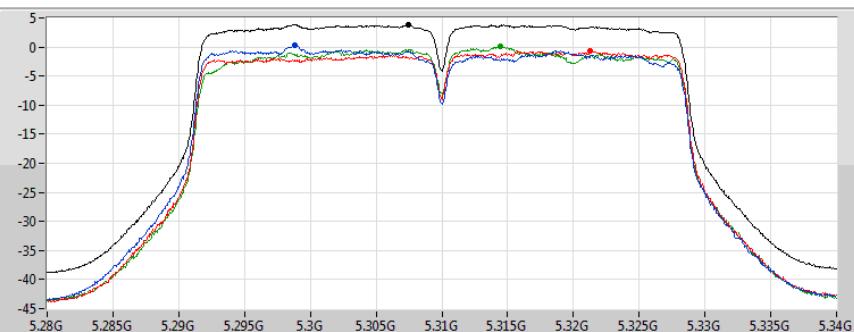
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-0.34	-0.69	-0.13

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	0.25	-0.75	0.17

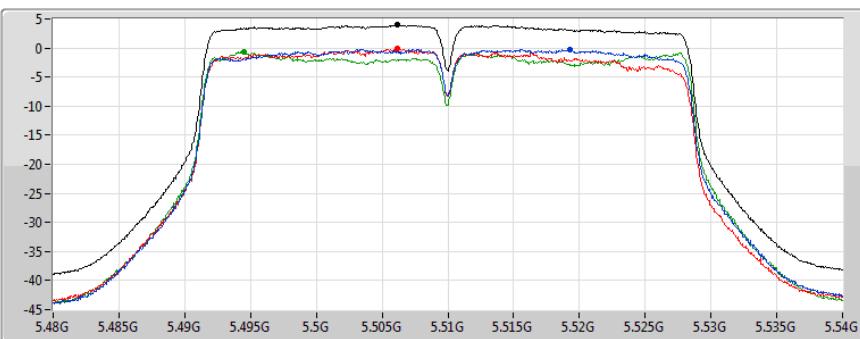


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



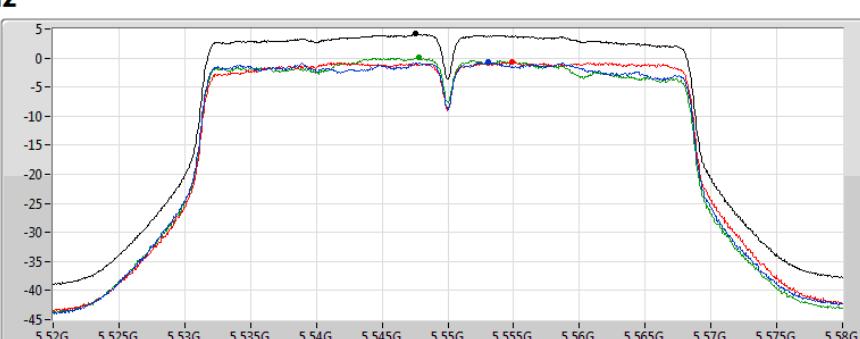
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



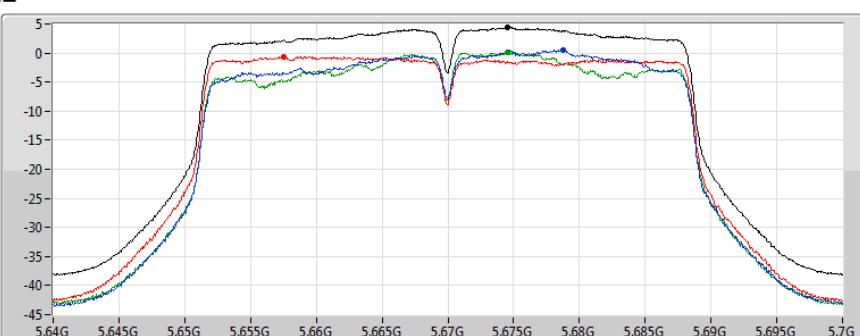
Sum
Port 1
Port 2
Port 3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



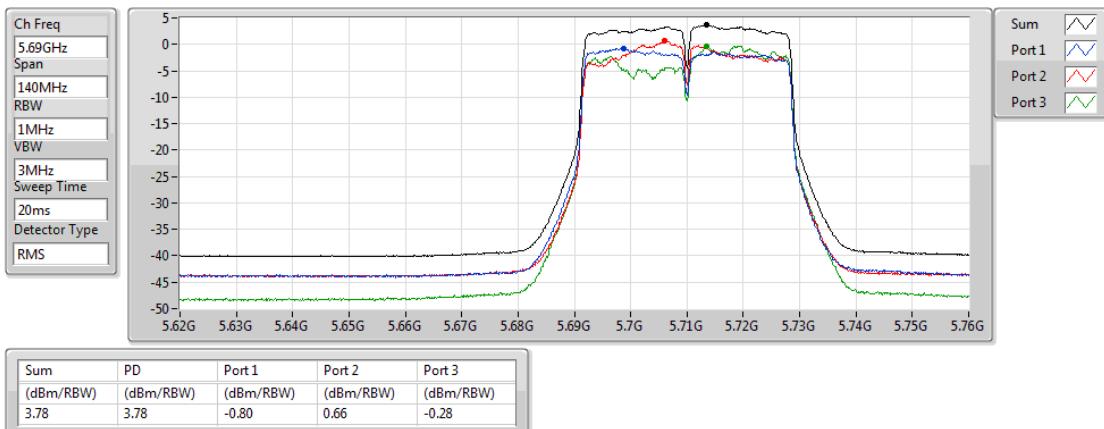
Sum
Port 1
Port 2
Port 3



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

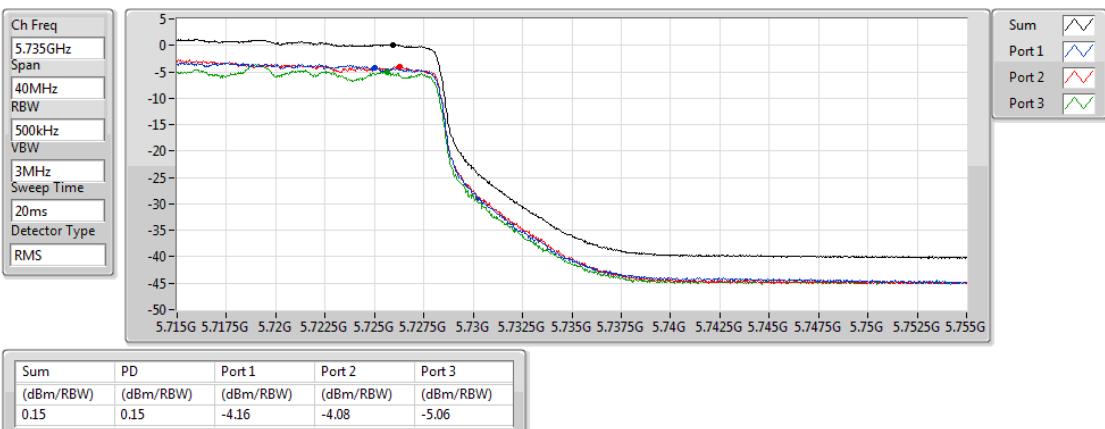
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

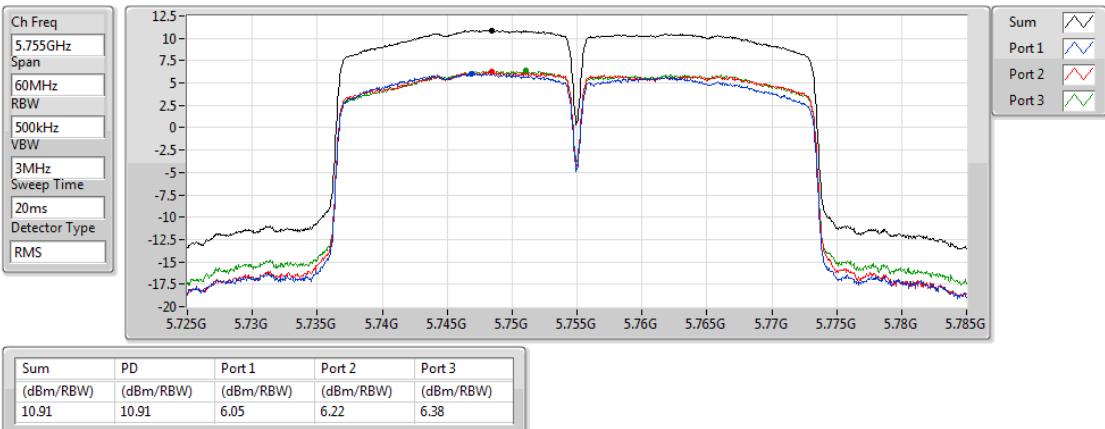
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5755MHz



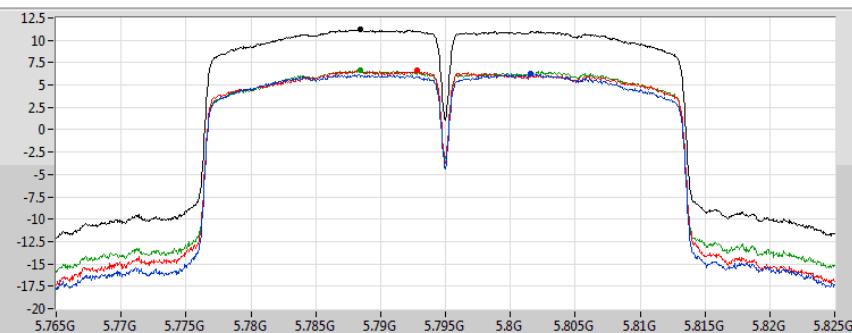


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

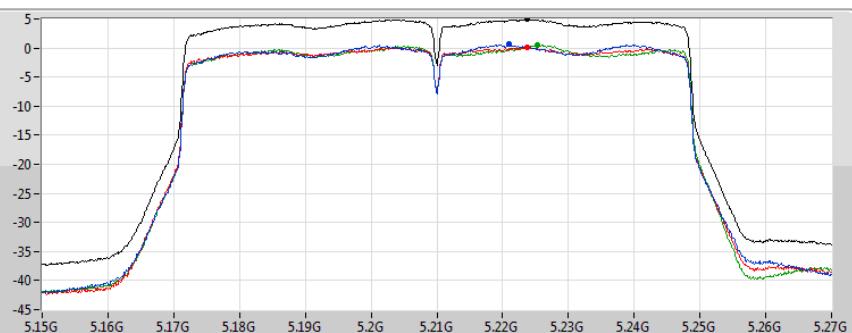
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.18	11.18	6.23	6.60	6.64

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5210MHz

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



Sum
Port 1
Port 2
Port 3

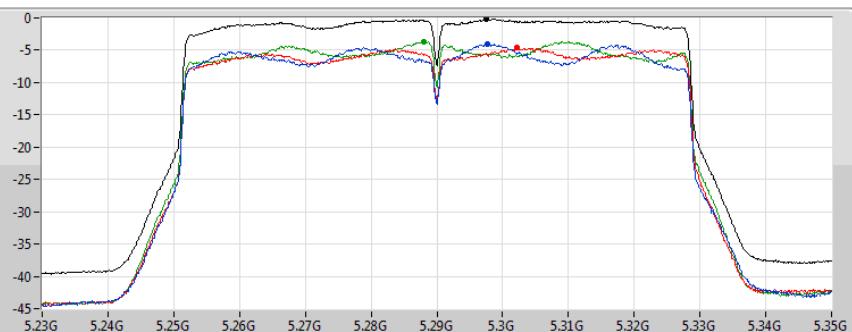
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	0.68	0.10	0.57

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5290MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-3.96	-4.66	-3.65

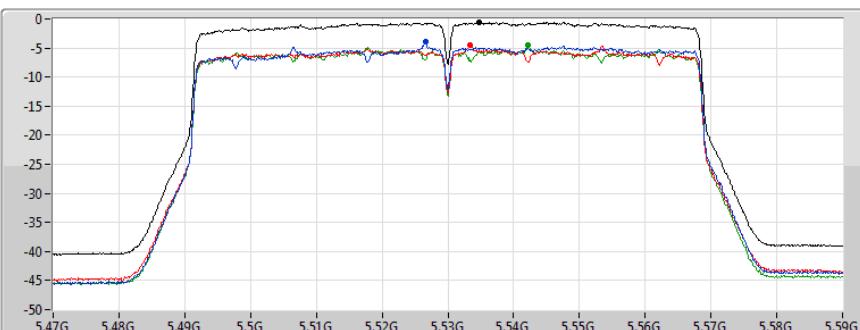


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5530MHz

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



Sum
Port 1
Port 2
Port 3

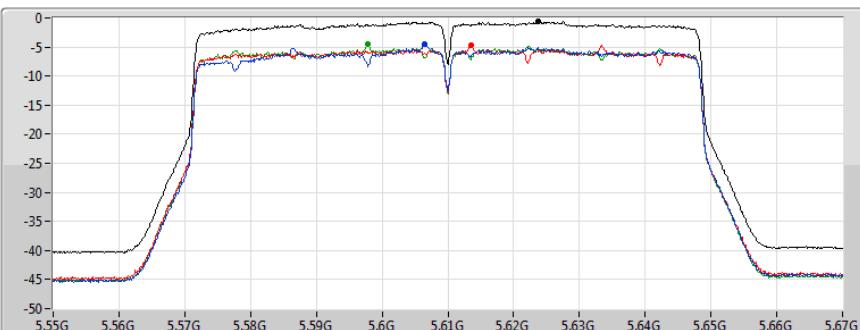
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.59	-0.59	-3.99	-4.40	-4.53

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

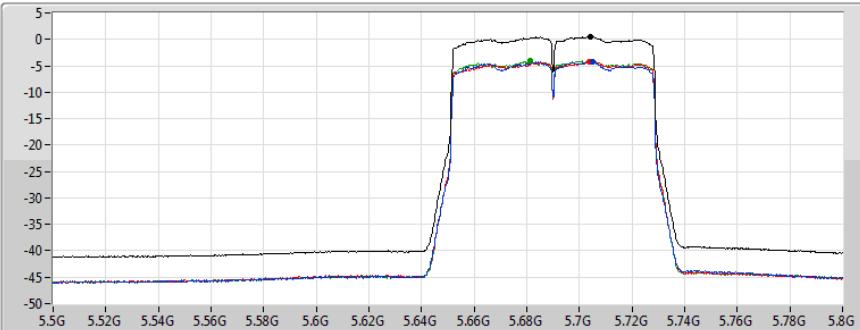
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.60	-0.60	-4.49	-4.77	-4.46

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

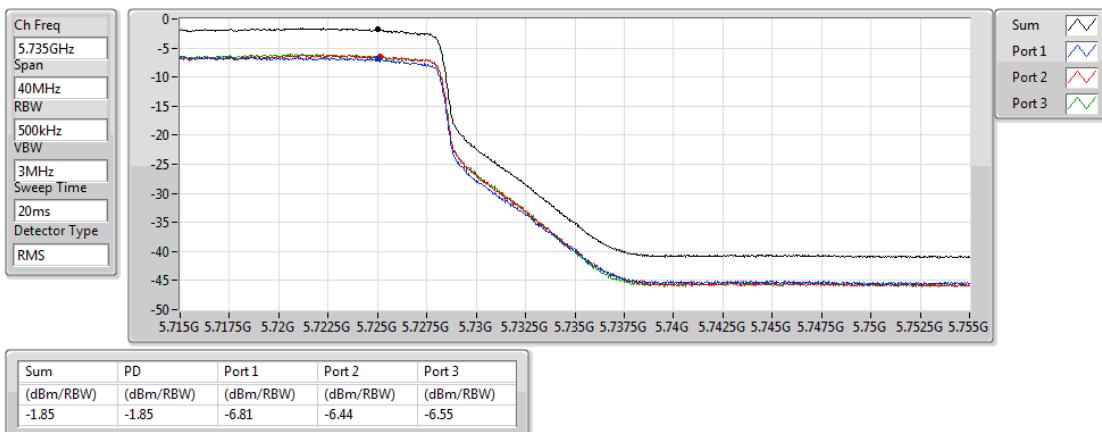
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-4.22	-4.18	-4.12



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

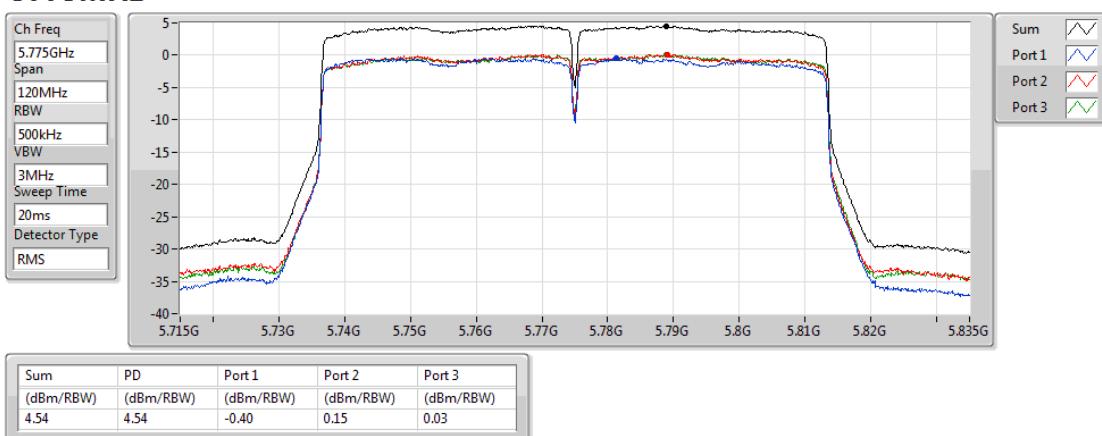
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5775MHz





For Set 5 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	7.75
5.25-5.35GHz	7.90
5.47-5.725GHz	8.64
5.725-5.85GHz	7.40
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	8.32
5.25-5.35GHz	8.48
5.47-5.725GHz	9.28
5.725-5.85GHz	7.41
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	4.74
5.25-5.35GHz	4.73
5.47-5.725GHz	5.69
5.725-5.85GHz	3.40
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.38
5.25-5.35GHz	-1.70
5.47-5.725GHz	1.99
5.725-5.85GHz	0.17

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.20	7.69	7.69	17.00
5200MHz	Pass	4.20	7.75	7.75	17.00
5240MHz	Pass	4.20	7.75	7.75	17.00
5260MHz	Pass	4.20	7.90	7.90	11.00
5300MHz	Pass	4.20	7.85	7.85	11.00
5320MHz	Pass	4.20	7.64	7.64	11.00
5500MHz	Pass	4.20	7.85	7.85	11.00
5580MHz	Pass	4.20	7.93	7.93	11.00
5700MHz	Pass	4.20	7.78	7.78	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	8.64	8.64	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	7.40	7.40	30.00
5745MHz	Pass	4.20	6.33	6.33	30.00
5785MHz	Pass	4.20	6.30	6.30	30.00
5825MHz	Pass	4.20	5.96	5.96	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.20	8.31	8.31	17.00
5200MHz	Pass	4.20	8.31	8.31	17.00
5240MHz	Pass	4.20	8.32	8.32	17.00
5260MHz	Pass	4.20	8.48	8.48	11.00
5300MHz	Pass	4.20	8.34	8.34	11.00
5320MHz	Pass	4.20	8.31	8.31	11.00
5500MHz	Pass	4.20	8.36	8.36	11.00
5580MHz	Pass	4.20	8.36	8.36	11.00
5700MHz	Pass	4.20	8.24	8.24	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	9.28	9.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	7.41	7.41	30.00
5745MHz	Pass	4.20	6.75	6.75	30.00
5785MHz	Pass	4.20	6.58	6.58	30.00
5825MHz	Pass	4.20	6.61	6.61	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.20	3.97	3.97	17.00
5230MHz	Pass	4.20	4.74	4.74	17.00
5270MHz	Pass	4.20	4.73	4.73	11.00
5310MHz	Pass	4.20	2.84	2.84	11.00
5510MHz	Pass	4.20	3.63	3.63	11.00
5550MHz	Pass	4.20	4.92	4.92	11.00
5670MHz	Pass	4.20	4.80	4.80	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.20	5.69	5.69	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.20	2.54	2.54	30.00
5755MHz	Pass	4.20	3.40	3.40	30.00
5795MHz	Pass	4.20	3.23	3.23	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	4.20	1.38	1.38	17.00
5290MHz	Pass	4.20	-1.70	-1.70	11.00
5530MHz	Pass	4.20	0.53	0.53	11.00
5610MHz	Pass	4.20	1.65	1.65	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.20	1.99	1.99	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.20	-1.70	-1.70	30.00
5775MHz	Pass	4.20	0.17	0.17	30.00

DG = Directional Gain; **RBW** = 500kHz 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;

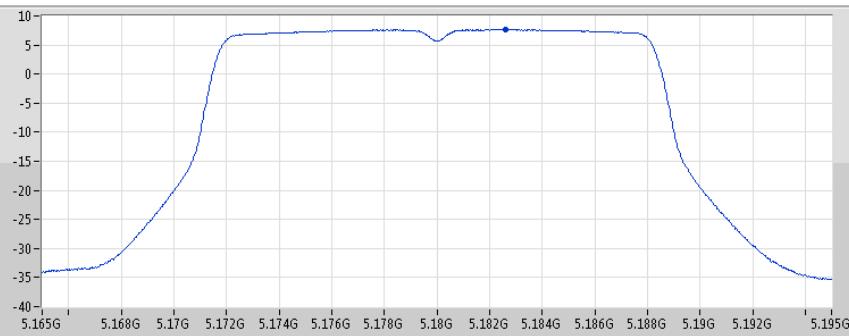


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



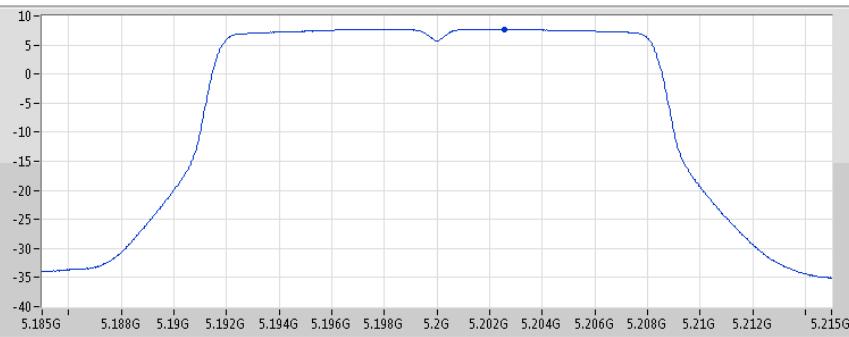
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



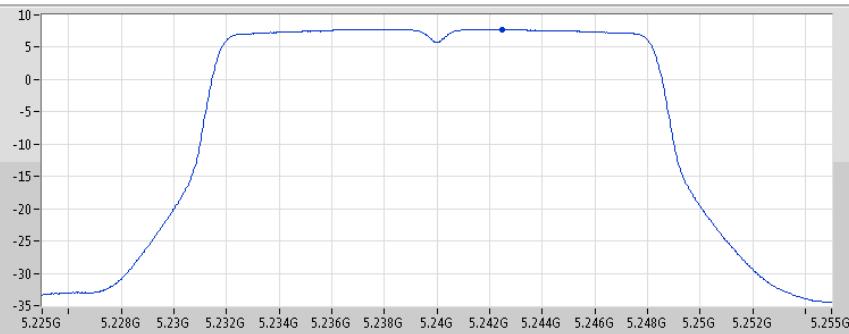
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

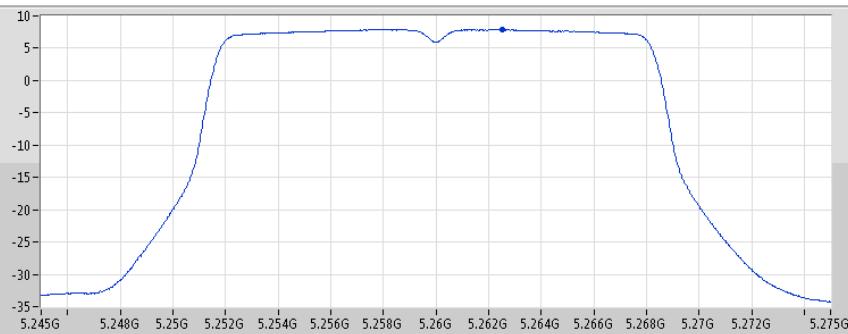


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



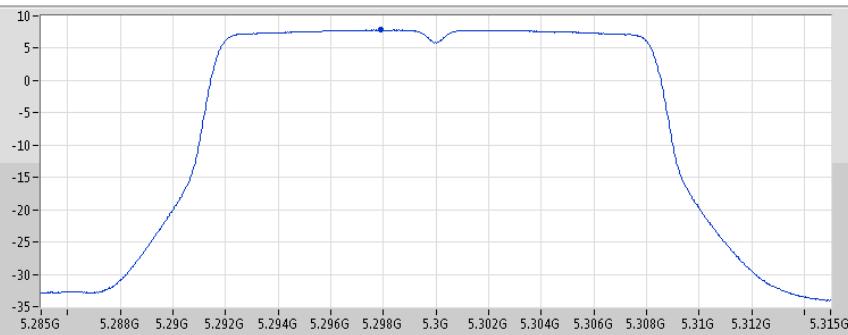
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	7.90

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



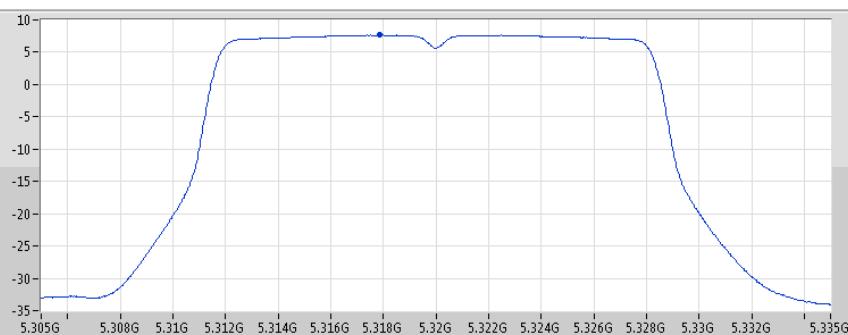
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11a_(6Mbps)_1TX

PSD

5320MHz

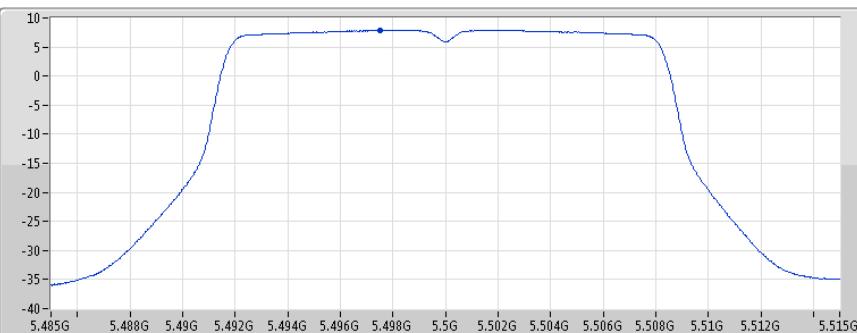
Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



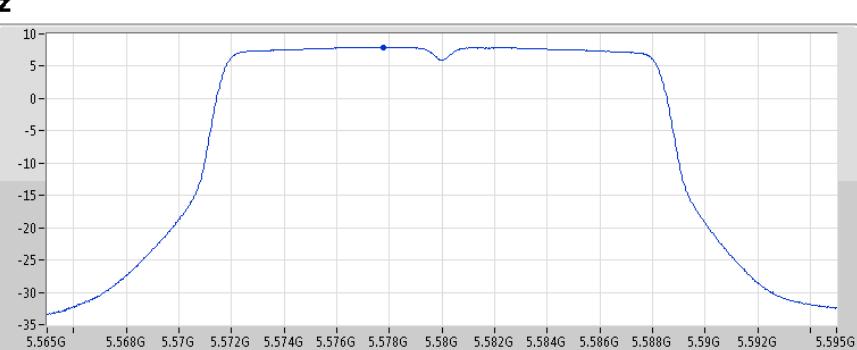
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	7.64

**802.11a_(6Mbps)_1TX****PSD****5500MHz**

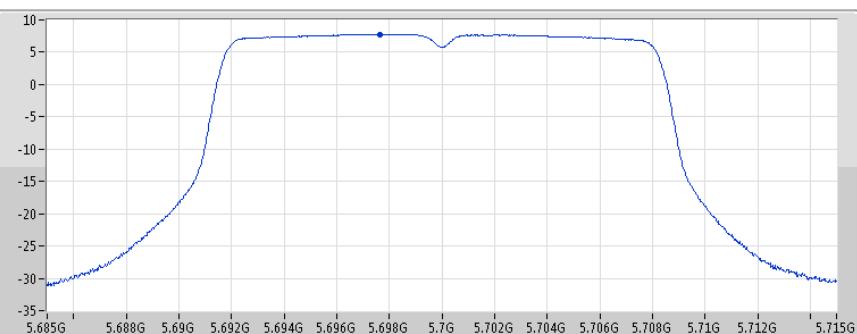
Ch Freq	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5580MHz**

Ch Freq	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS

**802.11a_(6Mbps)_1TX****PSD****5700MHz**

Ch Freq	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	21.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	7.93

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	7.78

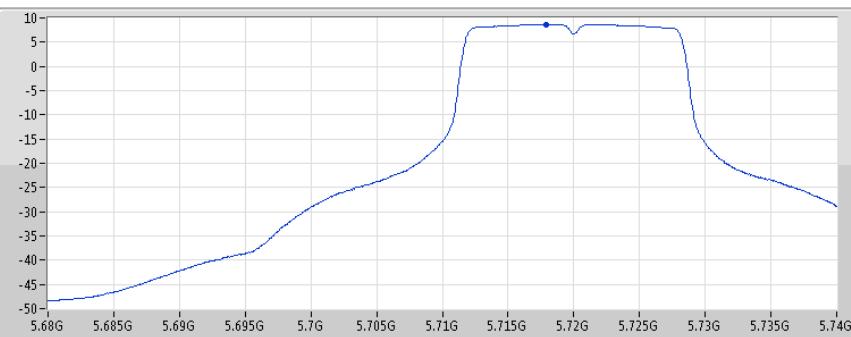


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS

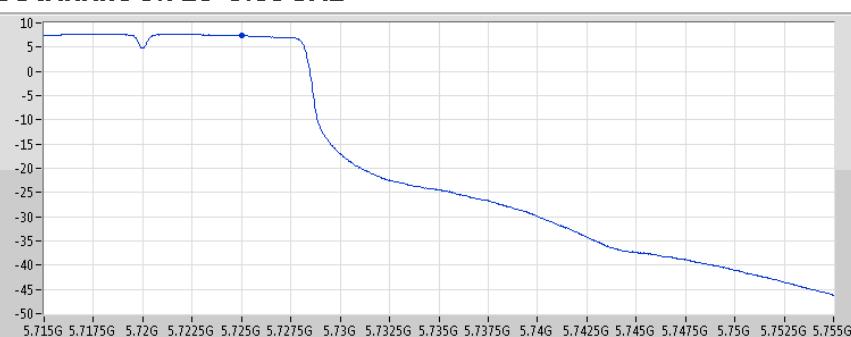


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS

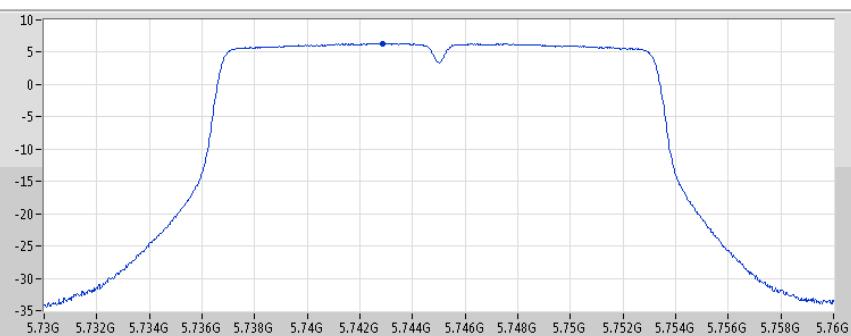


802.11a_(6Mbps)_1TX

PSD

5745MHz

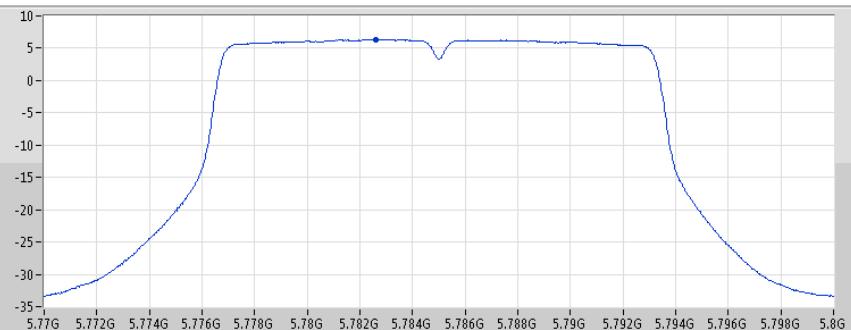
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	6.33

**802.11a_(6Mbps)_1TX****PSD****5785MHz**

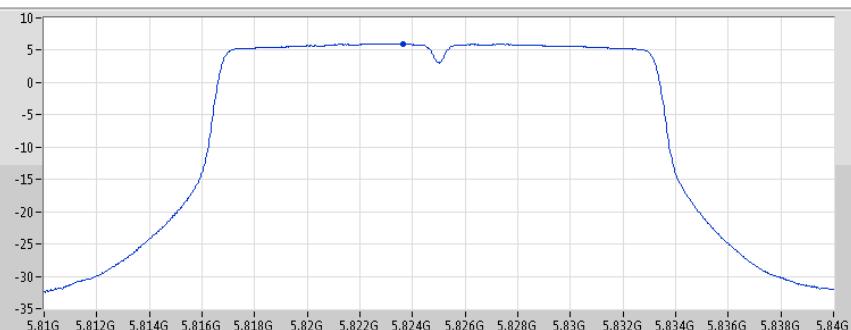
Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	6.30

802.11a_(6Mbps)_1TX**PSD****5825MHz**

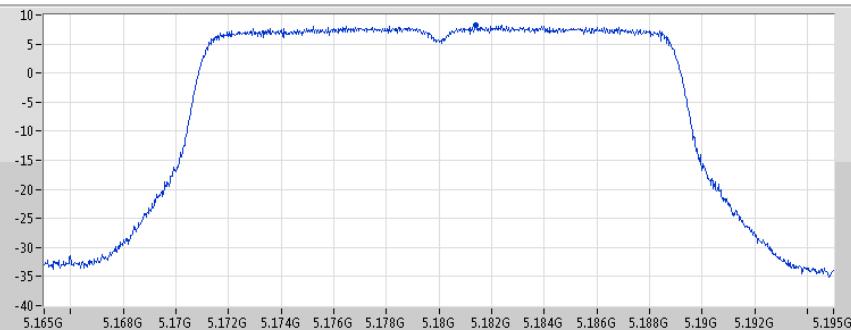
Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	5.96

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5180MHz**

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

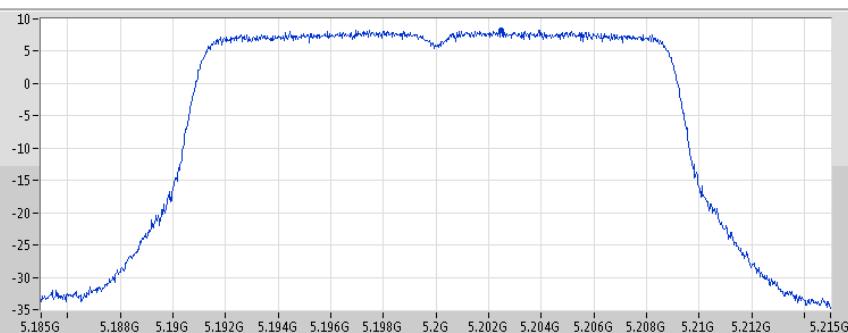


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



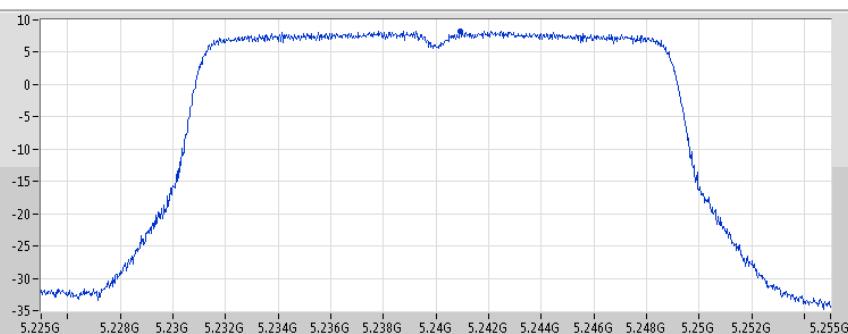
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	8.32

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	8.48

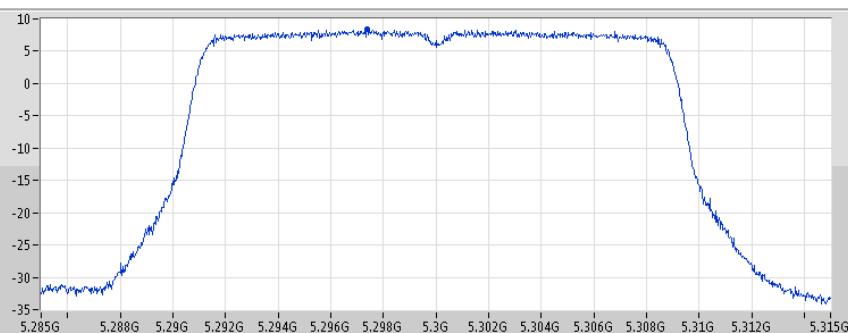


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



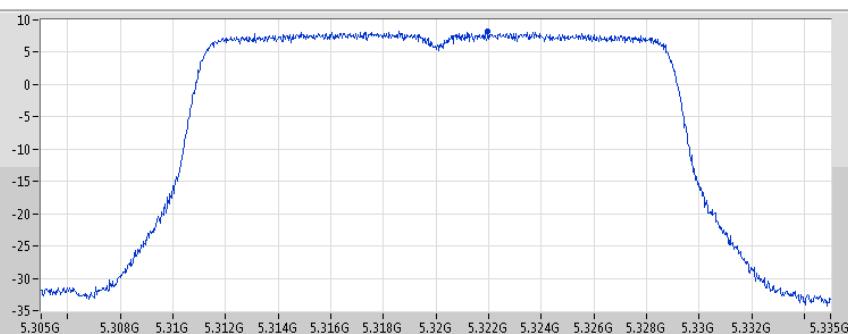
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	8.34

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



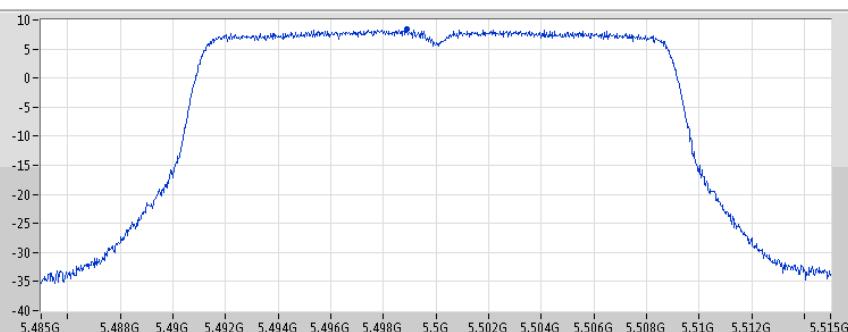
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

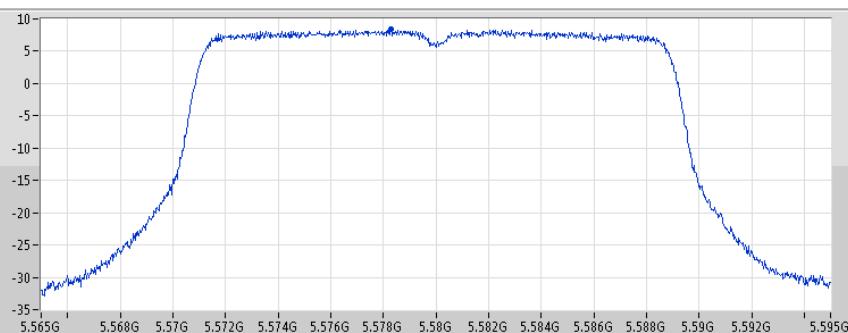


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



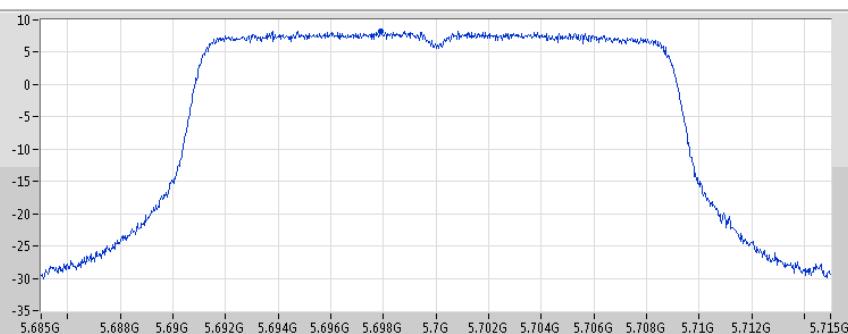
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



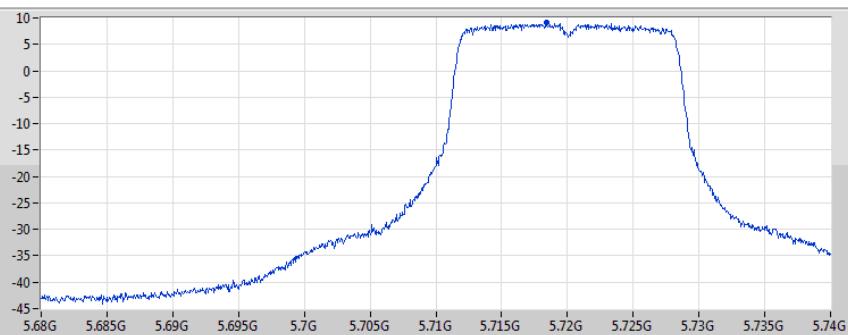
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	8.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	9.24

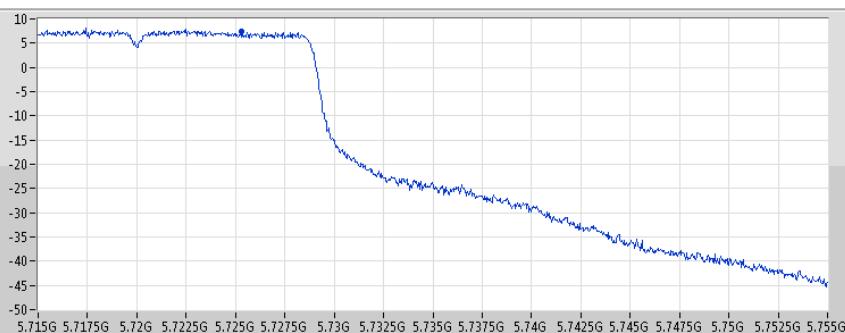


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



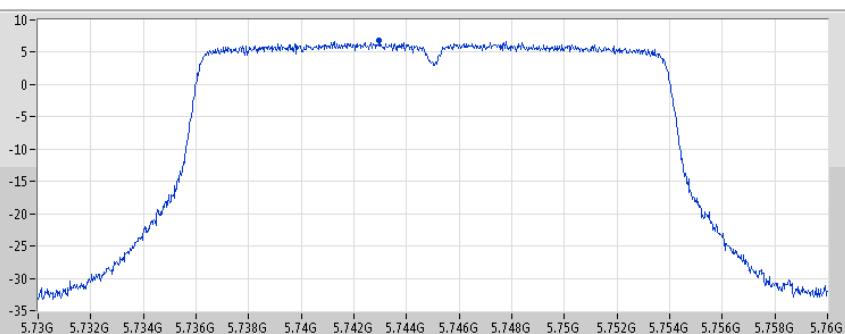
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	7.41

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



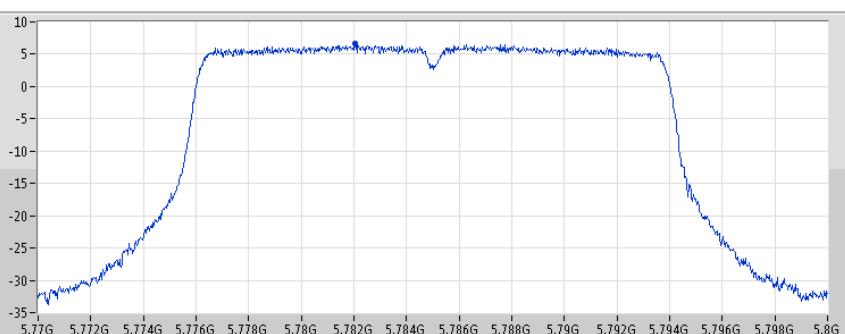
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	6.75

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	6.58

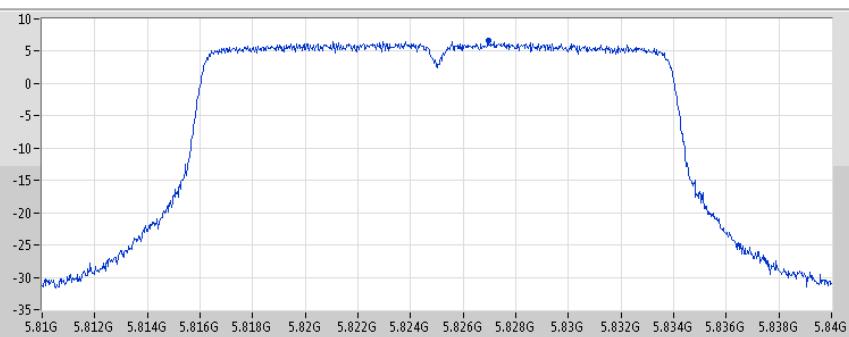


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



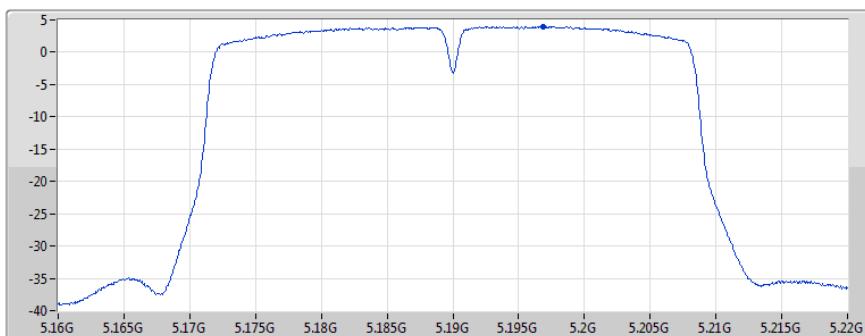
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

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



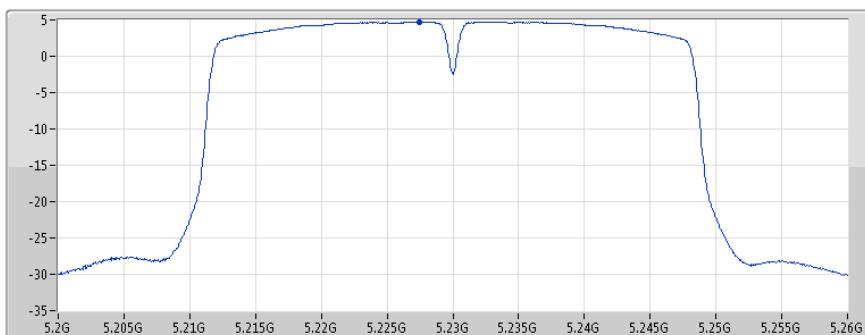
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.97	3.97	3.97

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	4.74

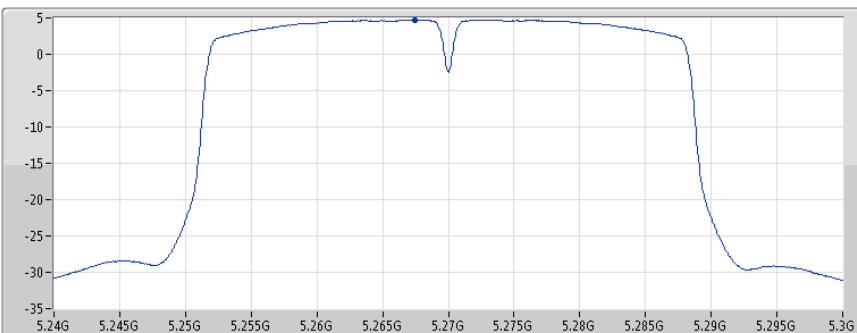


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Port 1

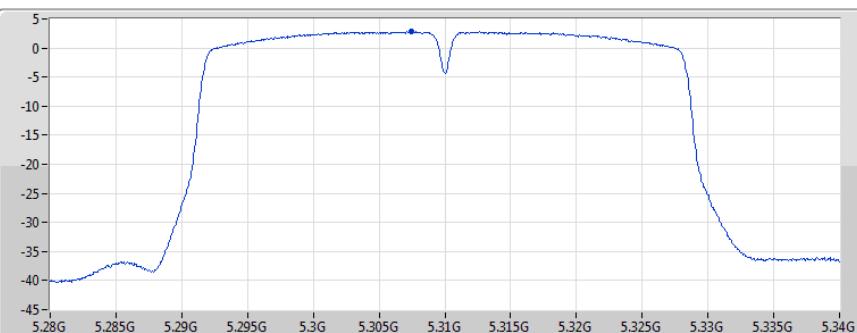
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	4.73

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

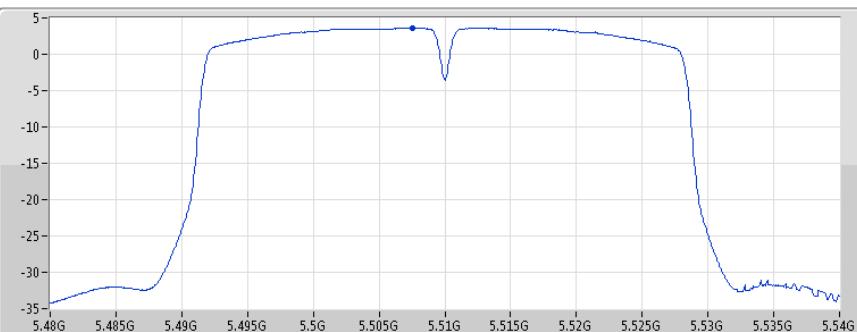
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	2.84

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	3.63

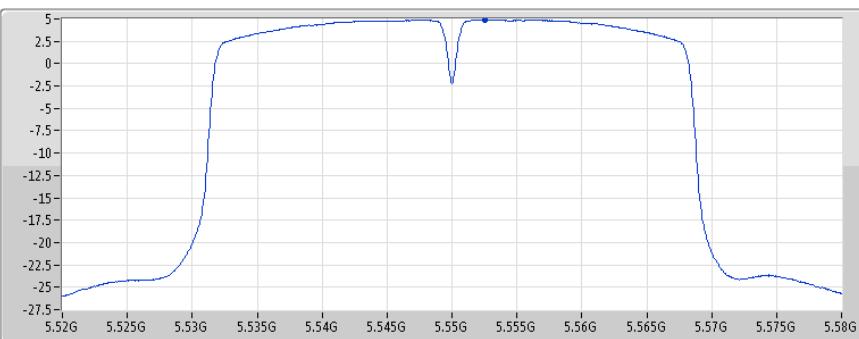


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq	5.55GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



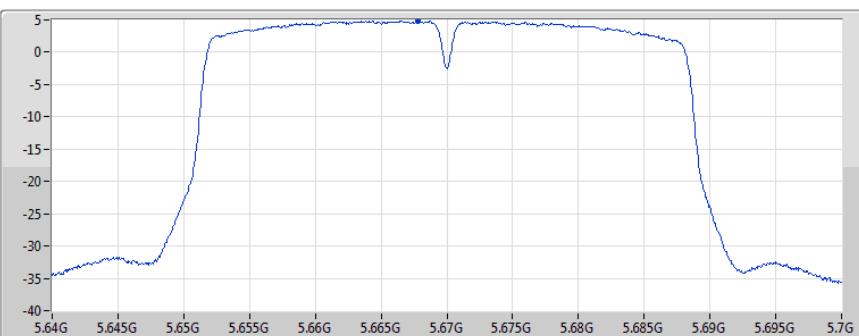
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq	5.67GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



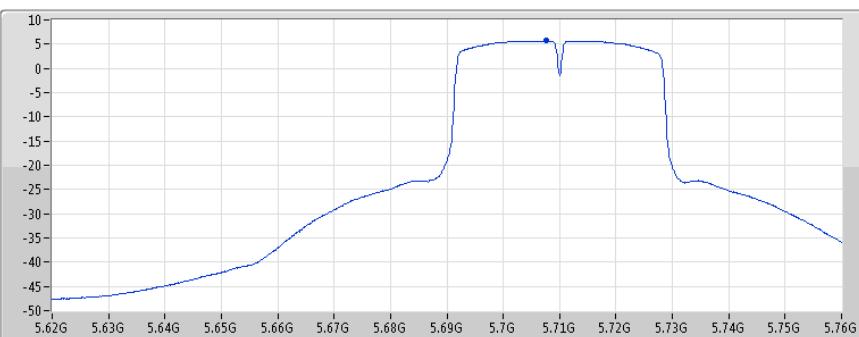
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	4.80

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq	5.69GHz
Span	140MHz
RBW	1MHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



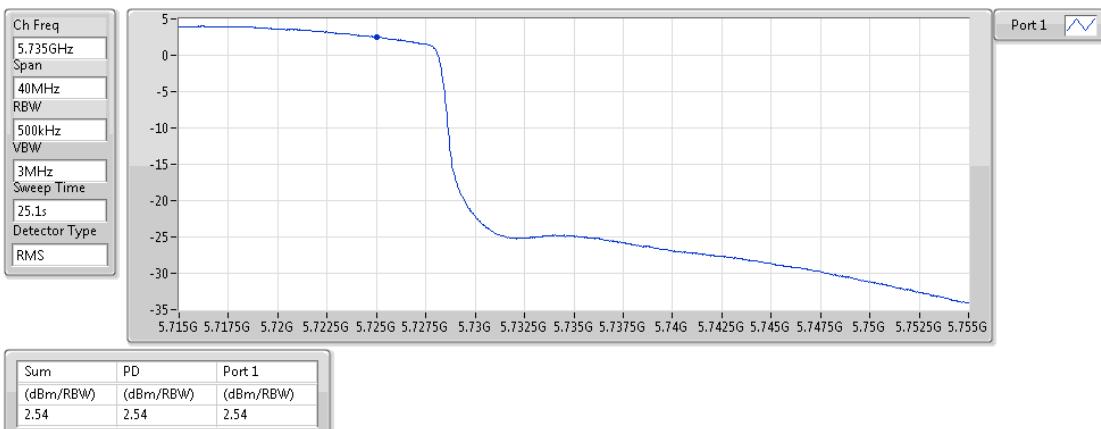
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

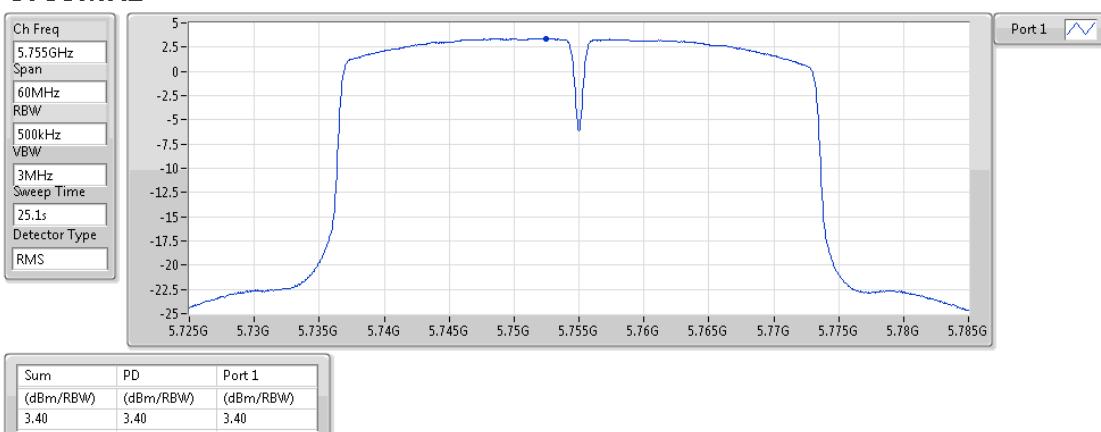
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

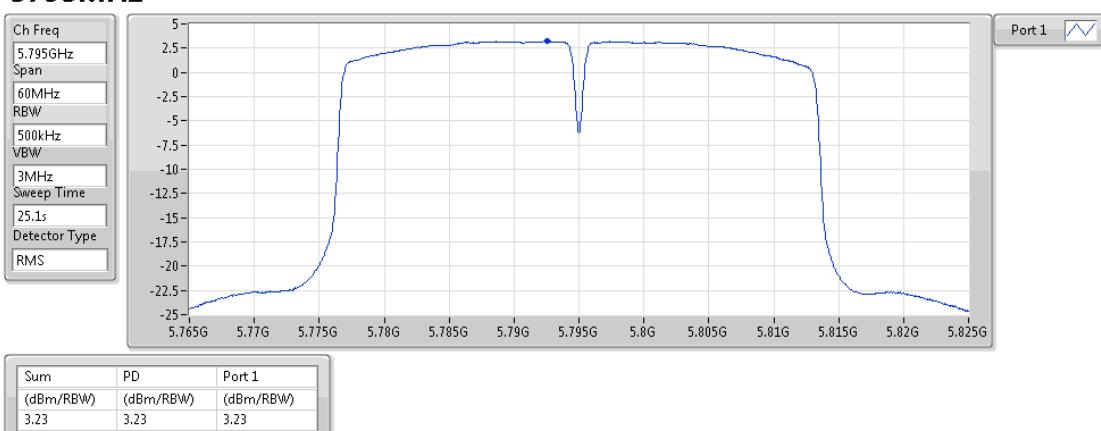
5755MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz



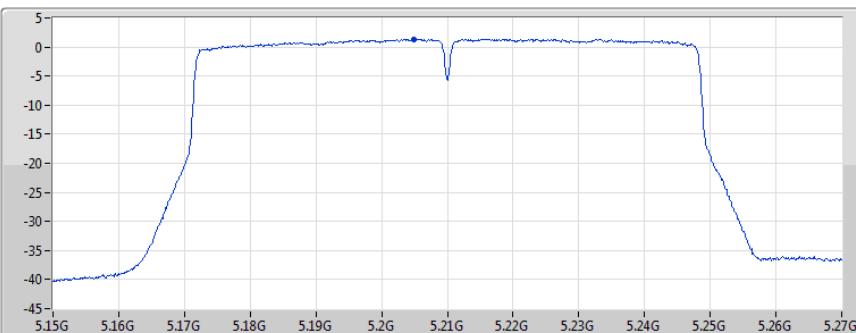


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

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



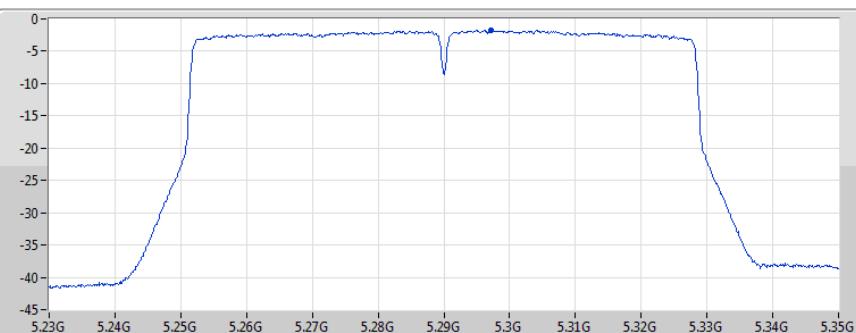
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.38	1.38	1.38

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

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



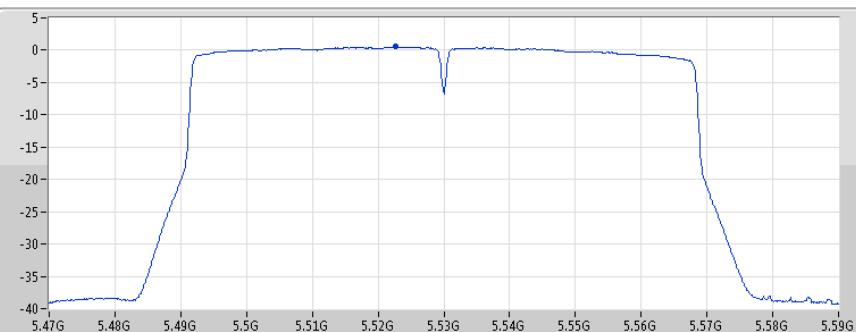
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-1.70

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.53	0.53	0.53

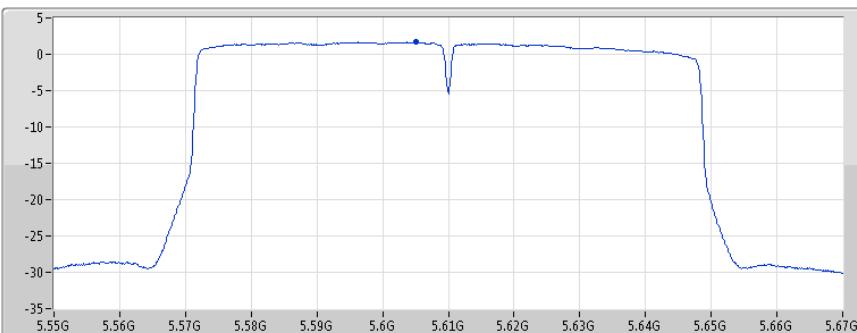


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



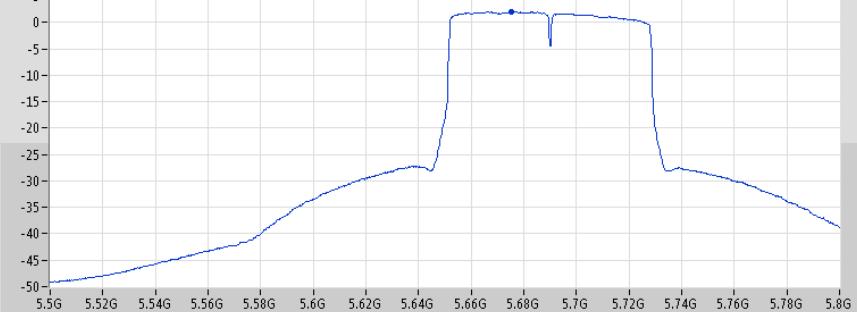
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	1.65

PSD

802.11ac VHT80_Nss1,(MCS0)_1TX

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



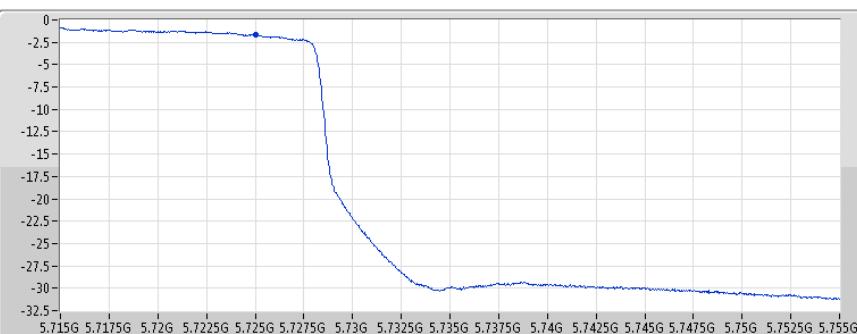
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.99	1.99	1.99

PSD

802.11ac VHT80_Nss1,(MCS0)_1TX

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-1.70

PSD

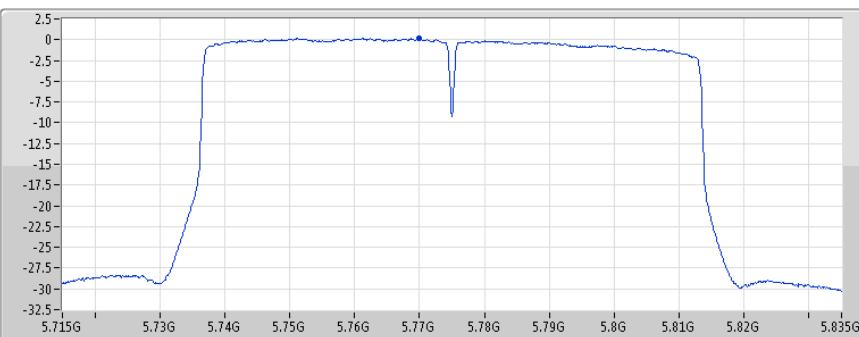


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	0.17



For Set 5 antennas / 2TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	11.11
5.25-5.35GHz	10.93
5.47-5.725GHz	10.84
5.725-5.85GHz	9.29
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.96
5.25-5.35GHz	10.94
5.47-5.725GHz	10.79
5.725-5.85GHz	9.11
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.39
5.25-5.35GHz	8.15
5.47-5.725GHz	8.26
5.725-5.85GHz	6.61
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	4.14
5.25-5.35GHz	-1.00
5.47-5.725GHz	4.69
5.725-5.85GHz	3.15

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.40	8.17	8.09	11.11	17.00
5200MHz	Pass	4.40	8.27	8.04	11.10	17.00
5240MHz	Pass	4.40	8.19	7.85	11.00	17.00
5260MHz	Pass	4.40	8.01	7.86	10.93	11.00
5300MHz	Pass	4.40	7.98	7.82	10.88	11.00
5320MHz	Pass	4.40	8.15	7.73	10.88	11.00
5500MHz	Pass	4.40	7.92	7.87	10.84	11.00
5580MHz	Pass	4.40	7.51	7.71	10.59	11.00
5700MHz	Pass	4.40	7.96	7.80	10.82	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	7.99	7.73	10.77	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	5.75	5.80	8.72	30.00
5745MHz	Pass	4.40	6.34	6.16	9.17	30.00
5785MHz	Pass	4.40	6.37	6.28	9.24	30.00
5825MHz	Pass	4.40	6.17	6.48	9.29	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.40	8.02	7.89	10.91	17.00
5200MHz	Pass	4.40	8.09	7.93	10.96	17.00
5240MHz	Pass	4.40	7.96	7.76	10.81	17.00
5260MHz	Pass	4.40	7.96	7.94	10.94	11.00
5300MHz	Pass	4.40	7.89	7.92	10.85	11.00
5320MHz	Pass	4.40	7.88	7.68	10.73	11.00
5500MHz	Pass	4.40	7.92	7.80	10.79	11.00
5580MHz	Pass	4.40	7.57	7.72	10.60	11.00
5700MHz	Pass	4.40	7.91	7.63	10.70	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	7.77	7.59	10.61	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	5.50	5.82	8.64	30.00
5745MHz	Pass	4.40	6.05	6.13	9.00	30.00
5785MHz	Pass	4.40	5.94	6.26	9.04	30.00
5825MHz	Pass	4.40	6.02	6.35	9.11	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.40	4.88	4.84	7.86	17.00
5230MHz	Pass	4.40	5.58	5.23	8.39	17.00
5270MHz	Pass	4.40	5.42	5.10	8.15	11.00
5310MHz	Pass	4.40	0.09	0.34	3.17	11.00
5510MHz	Pass	4.40	5.48	5.08	8.26	11.00
5550MHz	Pass	4.40	5.38	4.96	8.14	11.00
5670MHz	Pass	4.40	5.36	5.08	8.19	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	5.58	4.89	8.18	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	1.97	1.71	4.82	30.00
5755MHz	Pass	4.40	3.83	3.44	6.61	30.00
5795MHz	Pass	4.40	3.82	3.51	6.58	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	4.40	1.39	0.98	4.14	17.00
5290MHz	Pass	4.40	-4.14	-3.82	-1.00	11.00
5530MHz	Pass	4.40	-0.34	-0.36	2.57	11.00
5610MHz	Pass	4.40	1.71	1.64	4.60	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	1.74	1.69	4.69	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-1.02	-0.83	2.05	30.00
5775MHz	Pass	4.40	0.29	0.12	3.15	30.00

DG = Directional Gain; **RBW** = 500kHz 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;

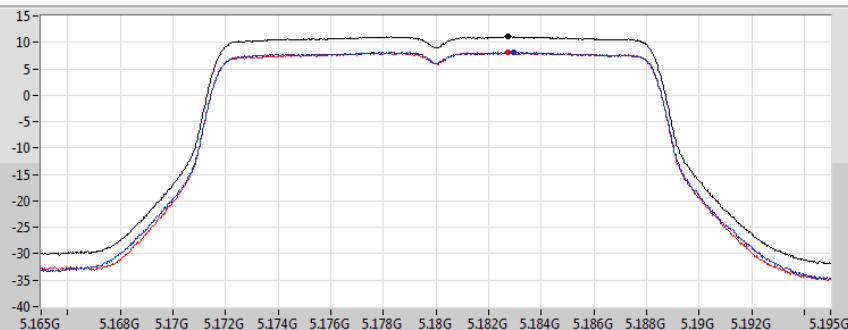


802.11a_(6Mbps)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

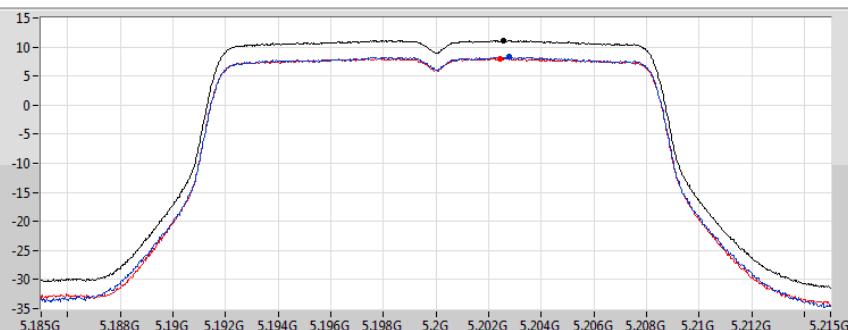
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.11	11.11	8.17	8.09

802.11a_(6Mbps)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

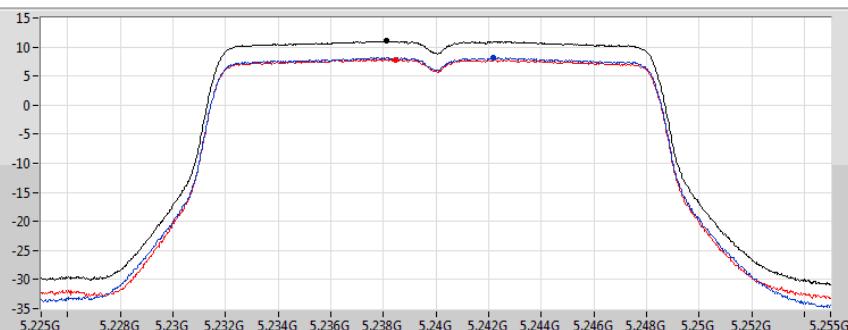
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	8.27	8.04

802.11a_(6Mbps)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	8.19	7.85

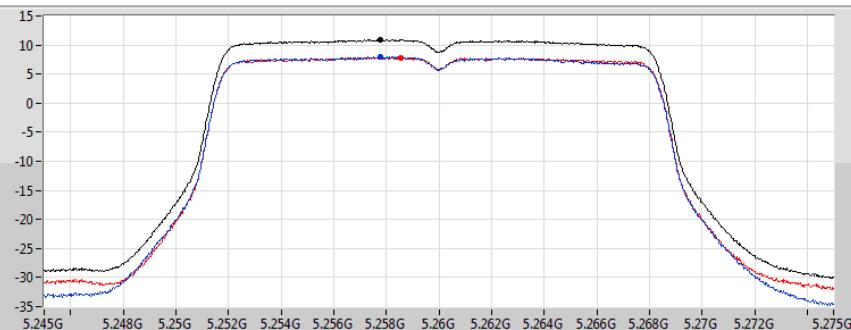


802.11a_(6Mbps)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

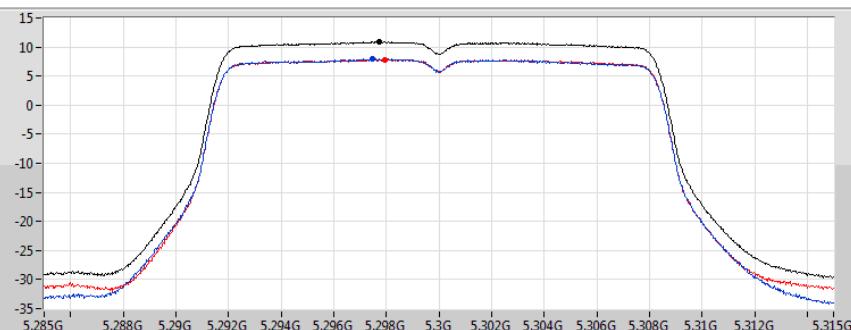
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	8.01	7.86

802.11a_(6Mbps)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

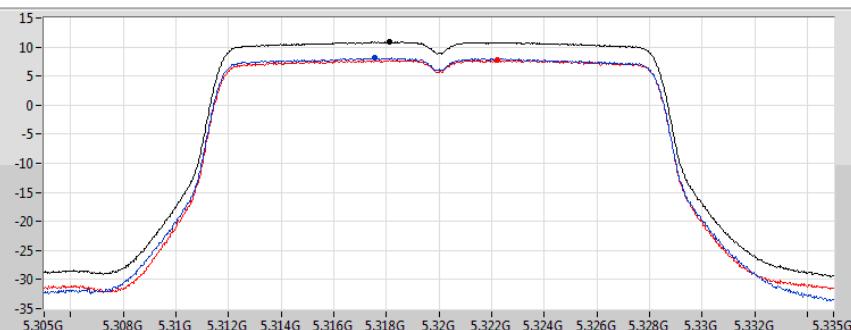
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	7.98	7.82

802.11a_(6Mbps)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	8.15	7.73

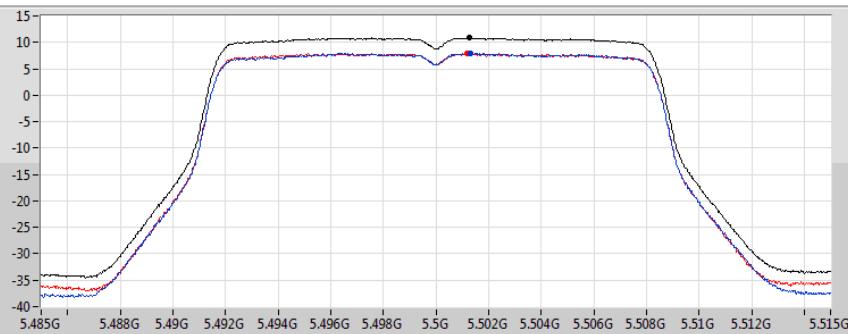


802.11a_(6Mbps)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

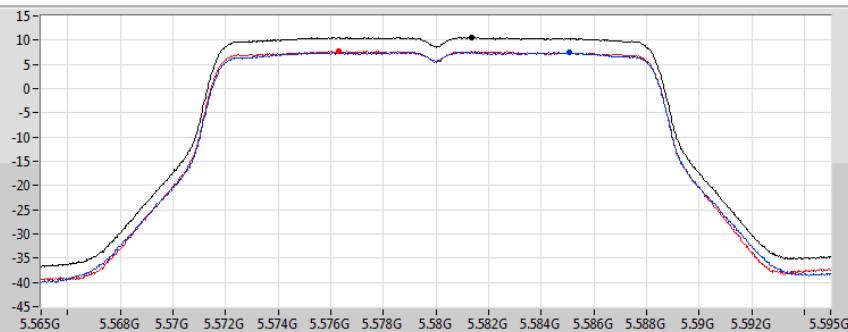
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	7.92	7.87

802.11a_(6Mbps)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

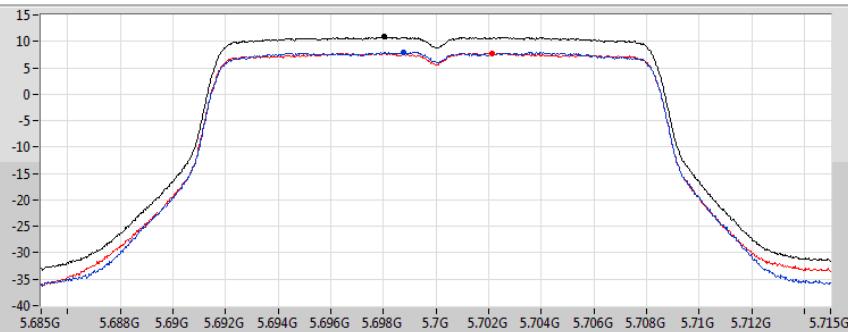
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	7.51	7.71

802.11a_(6Mbps)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	7.96	7.80

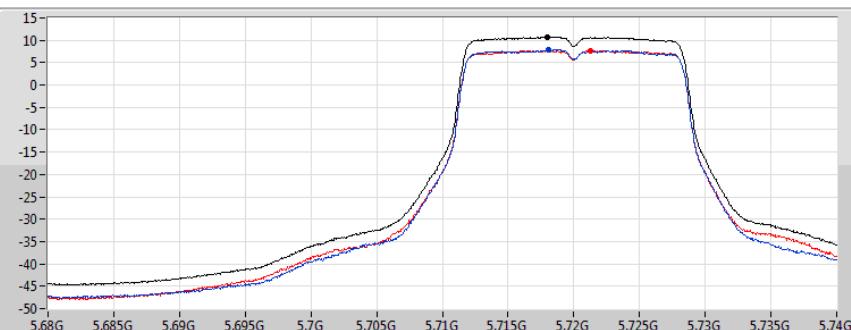


802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

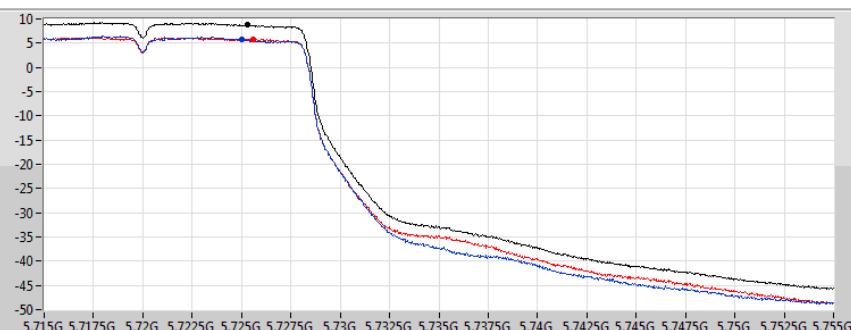
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	7.99	7.73

802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

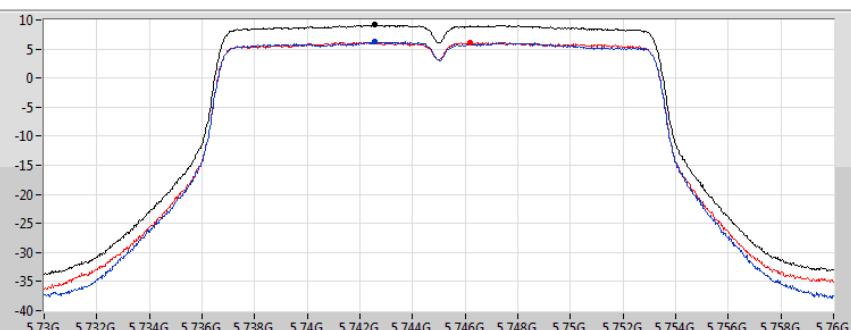
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	5.75	5.80

802.11a_(6Mbps)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

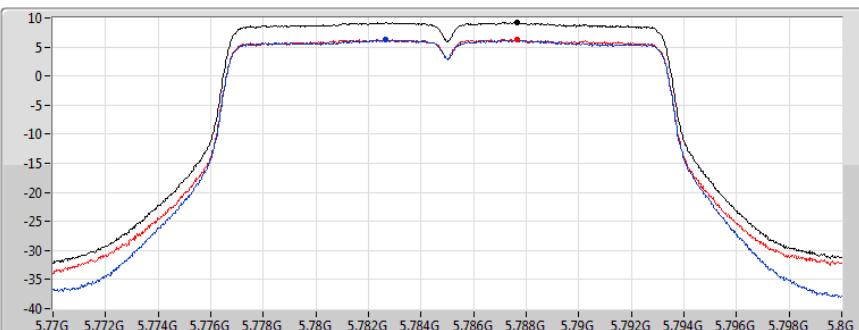


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	6.34	6.16

**802.11a_(6Mbps)_2TX****PSD****5785MHz**

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

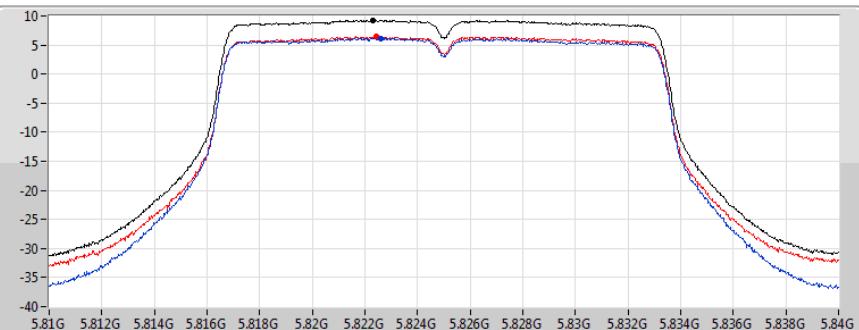


Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	6.37	6.28

802.11a_(6Mbps)_2TX**PSD****5825MHz**

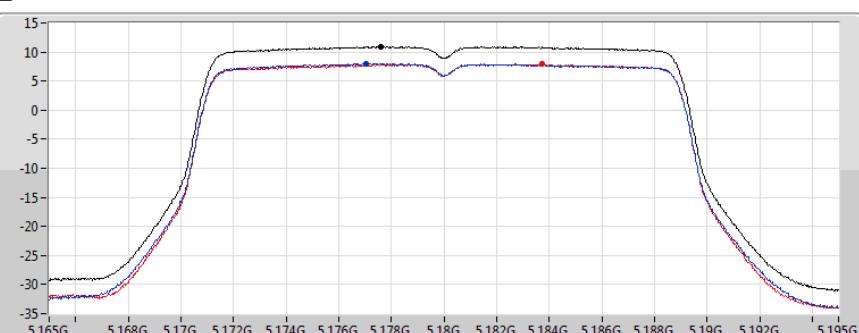
Ch Freq	5.825GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

802.11ac VHT20_Nss1,(MCS0)_2TX**PSD****5180MHz**

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



Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	8.02	7.89

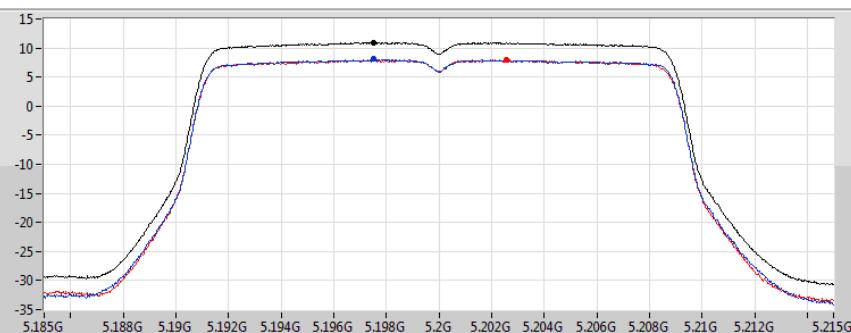


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



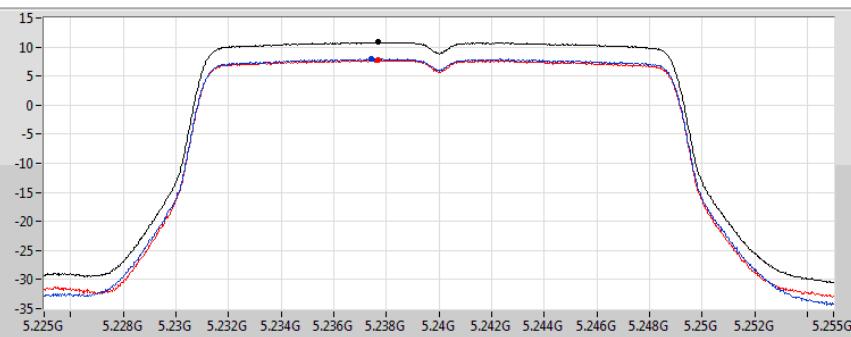
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	8.09	7.93

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



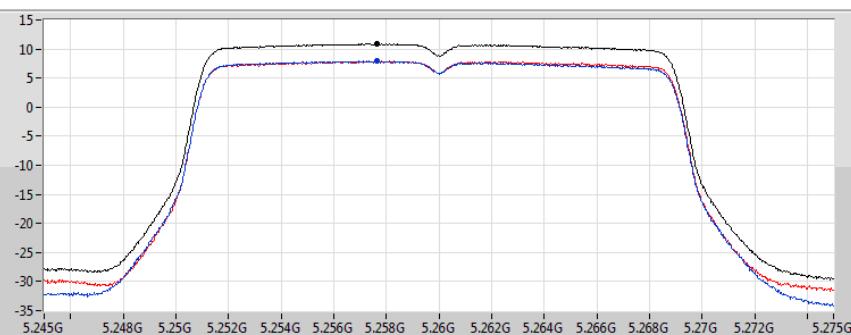
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	7.96	7.76

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	7.96	7.94

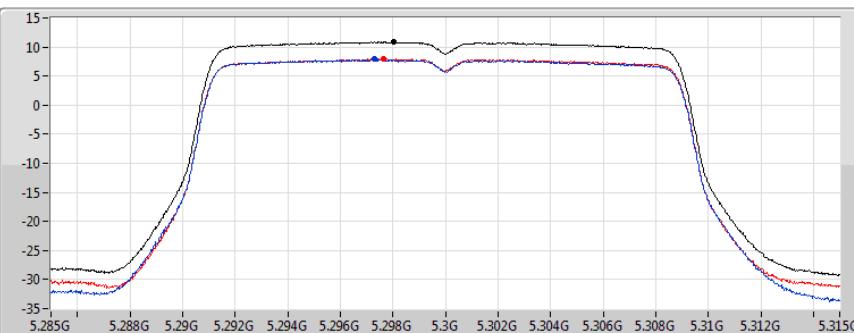


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

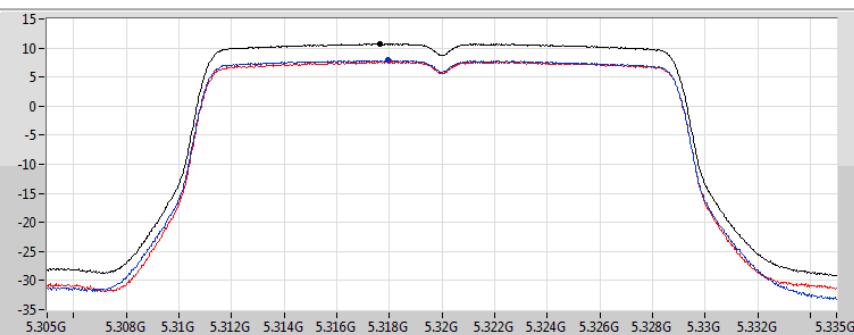
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.89	7.92

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

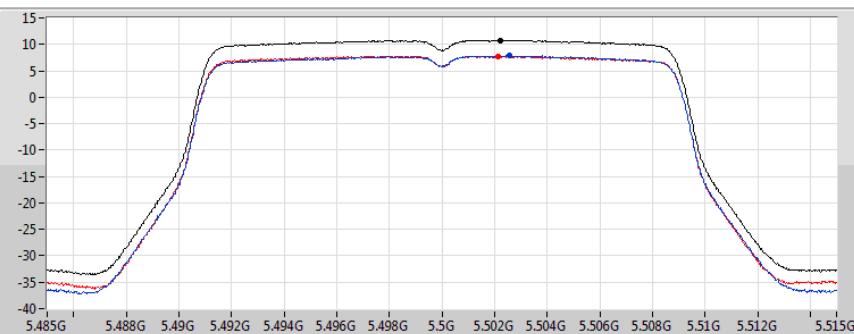
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	7.88	7.68

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	7.92	7.80

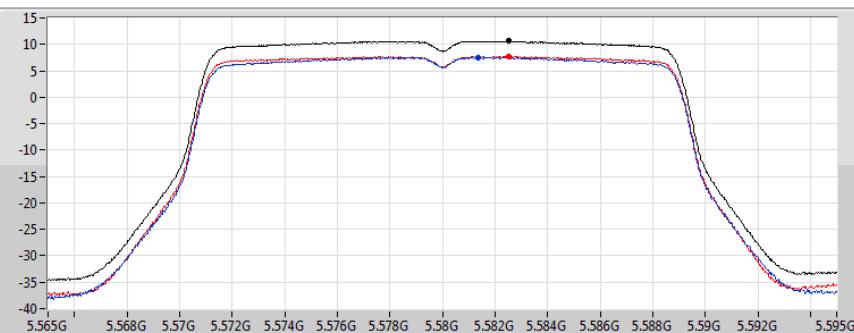


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

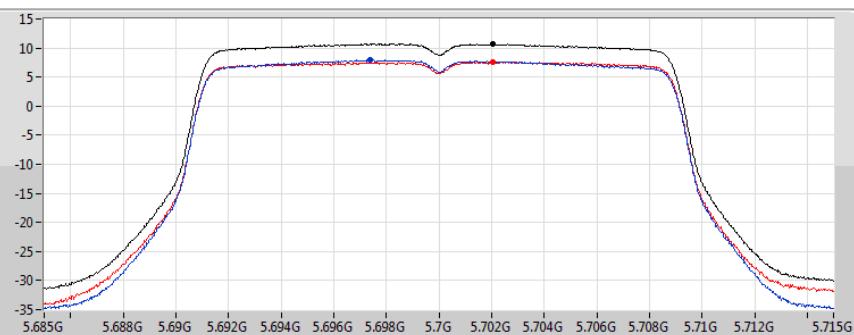
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	7.57	7.72

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

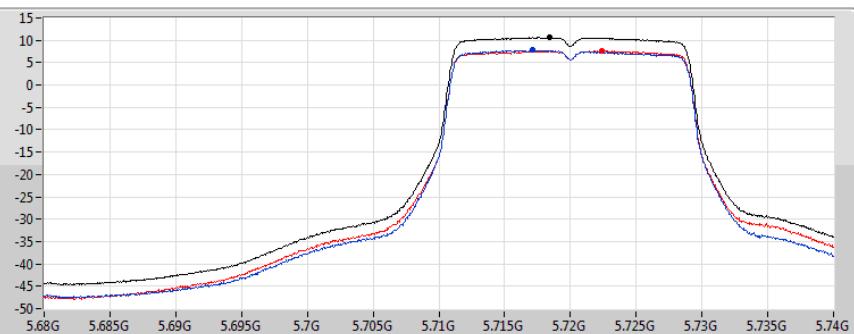
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	7.91	7.63

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	7.77	7.59

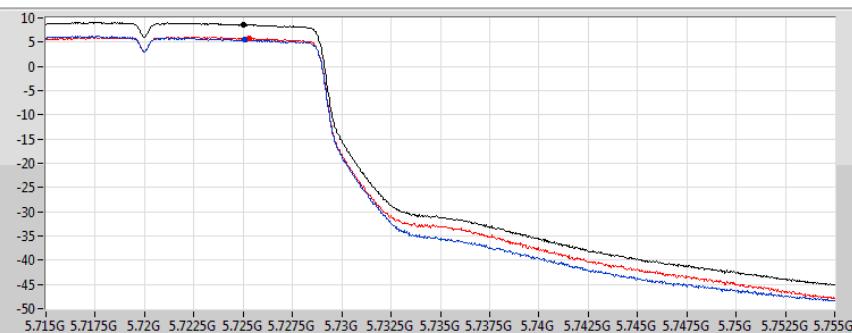


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

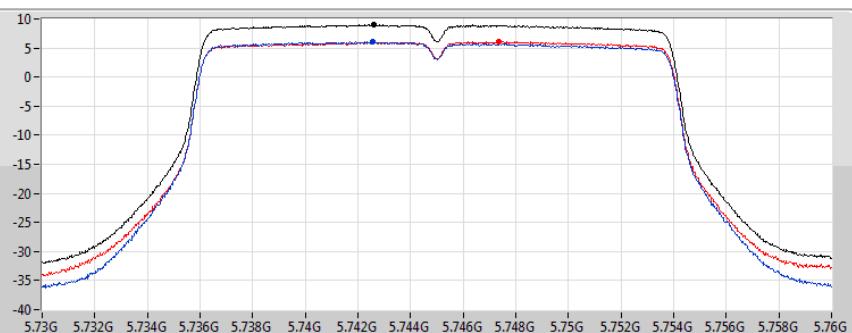
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	5.50	5.82

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

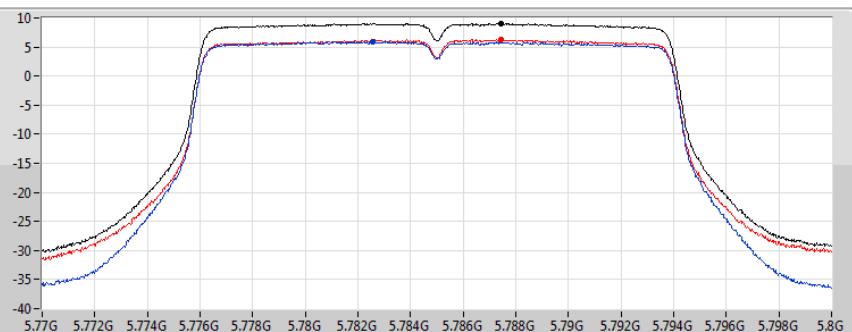
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	6.05	6.13

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.94	6.26

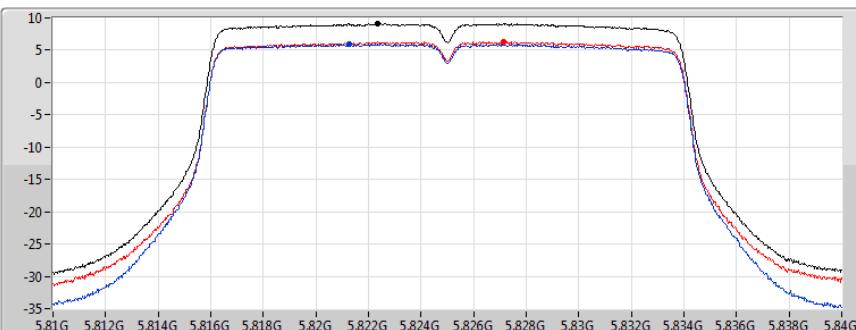


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

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



Sum
Port 1
Port 2

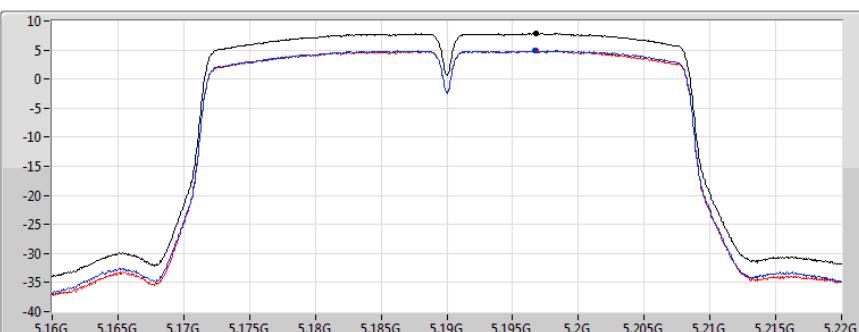
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	6.02	6.35

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

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



Sum
Port 1
Port 2

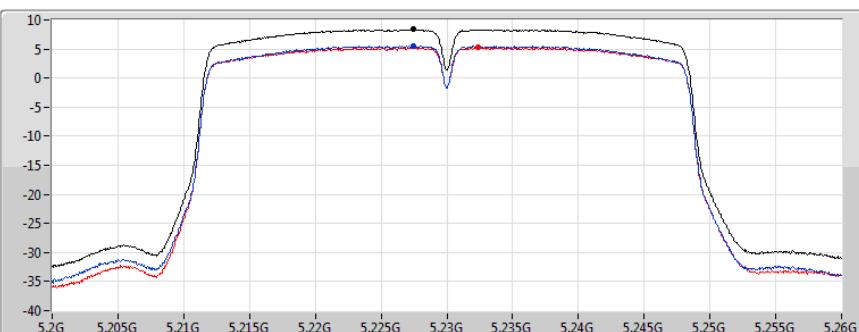
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	4.88	4.84

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	5.58	5.23

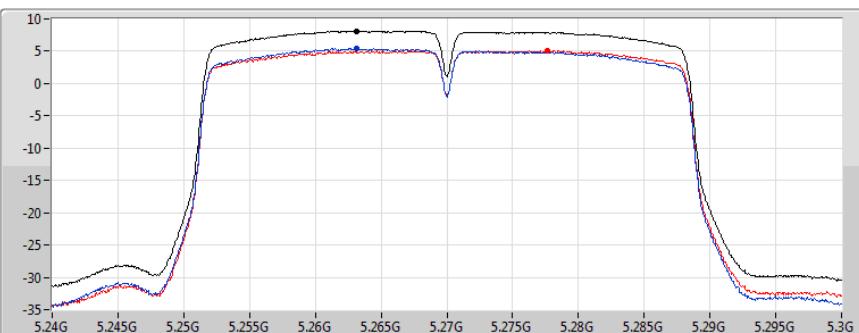


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

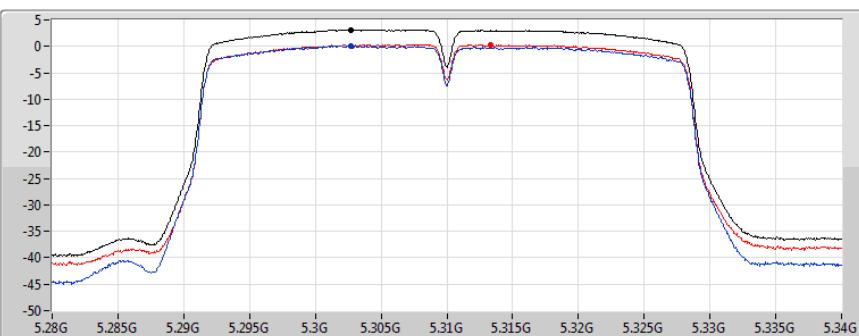
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.42	5.10

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

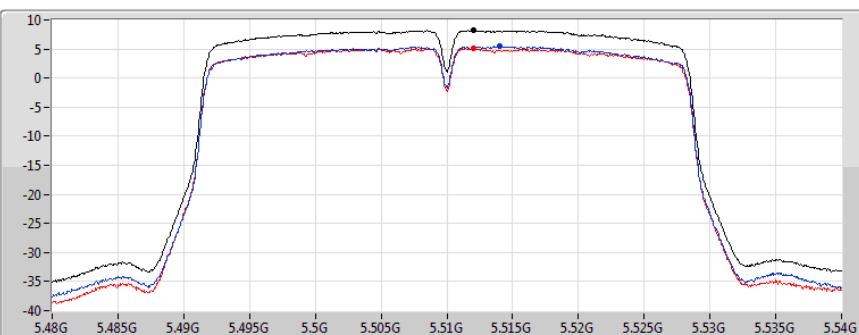
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.17	3.17	0.09	0.34

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.48	5.08

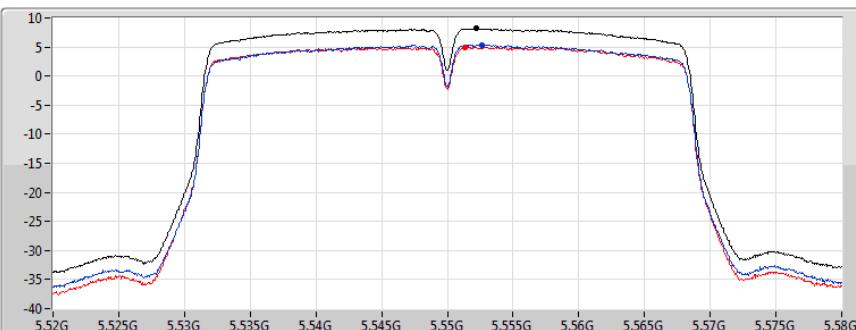


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

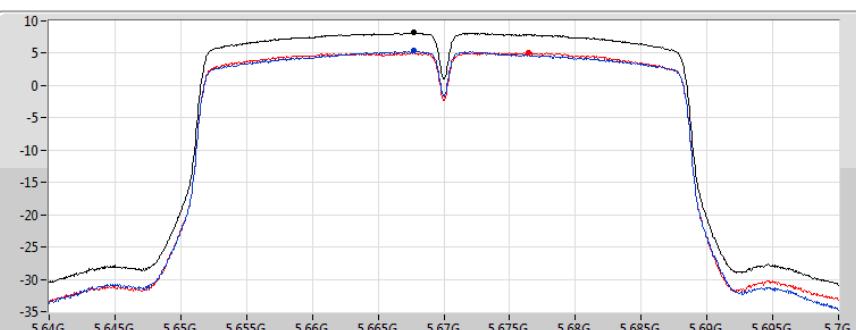
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	5.38	4.96

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

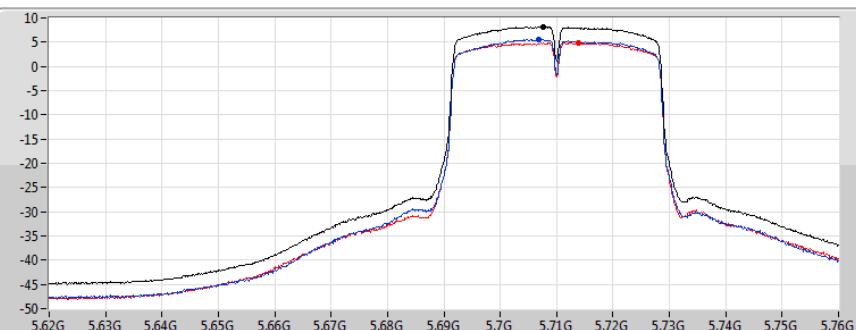
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	5.36	5.08

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

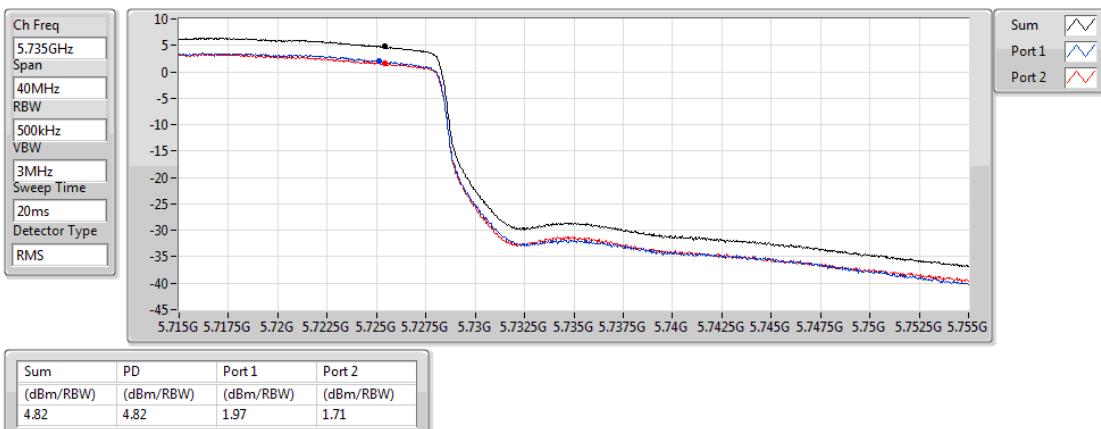
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.58	4.89



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

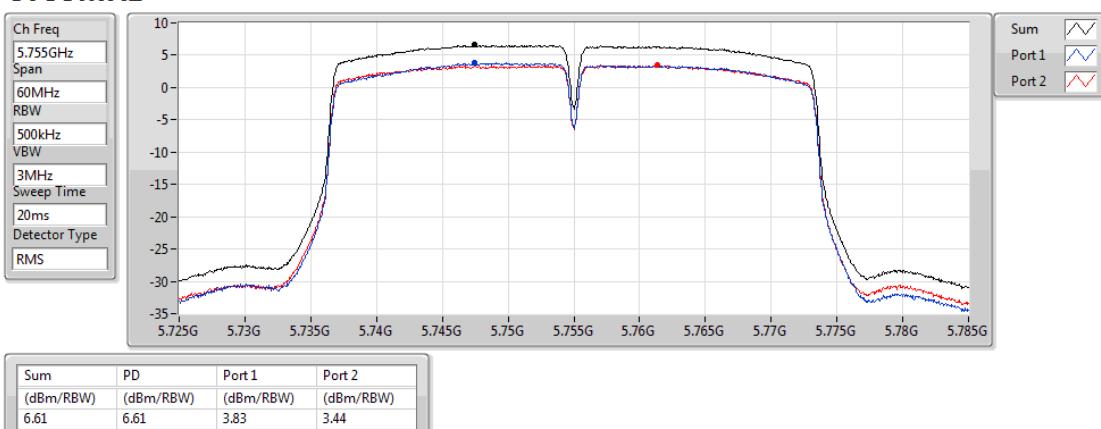
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

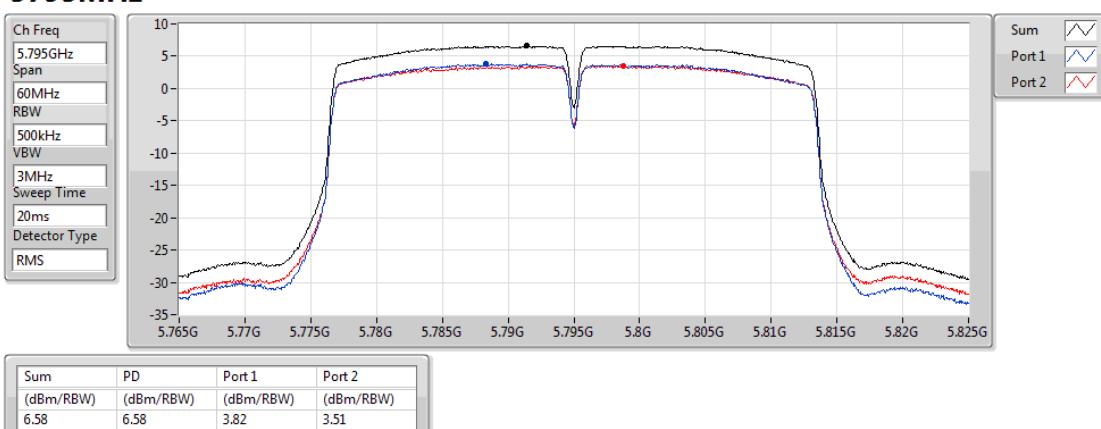
5755MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz



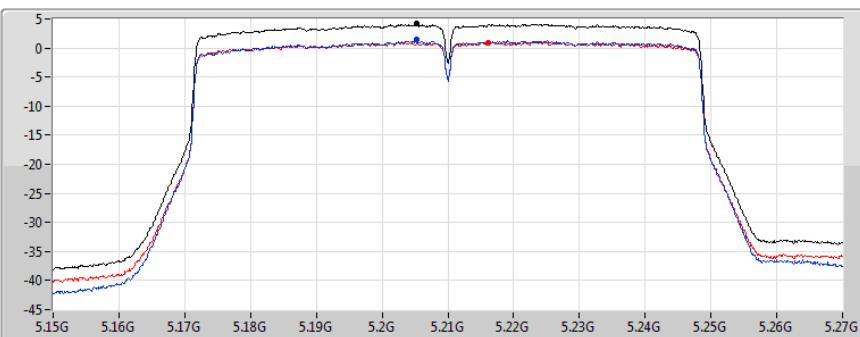


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

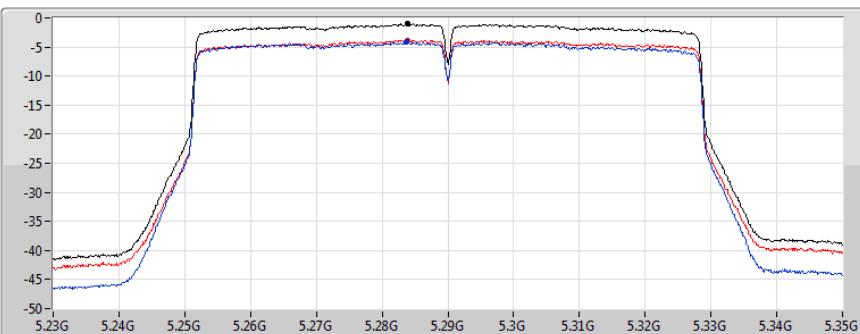
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.14	4.14	1.39	0.98

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

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



Sum
Port 1
Port 2

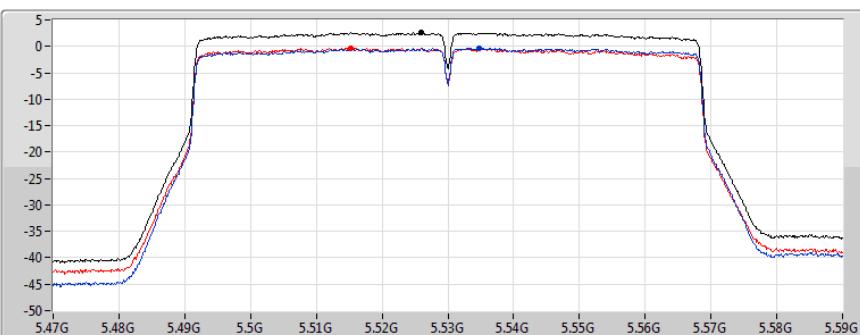
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.00	-1.00	-4.14	-3.82

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-0.34	-0.36

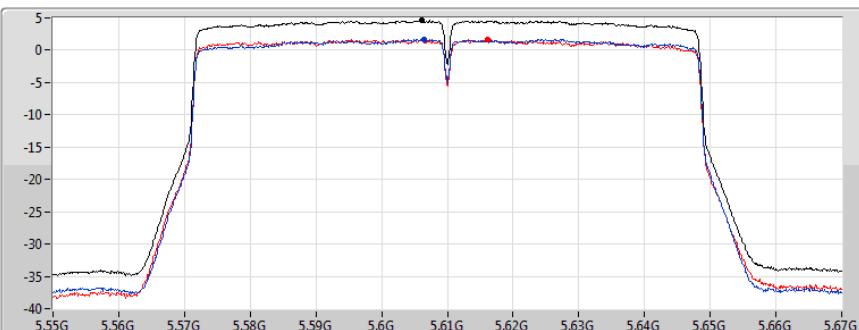


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

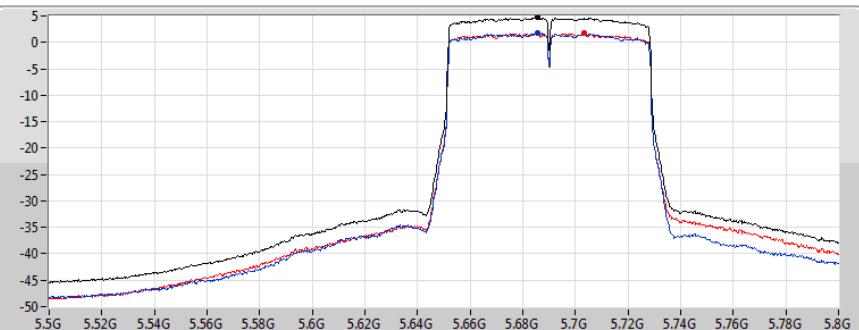
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.71	1.64

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

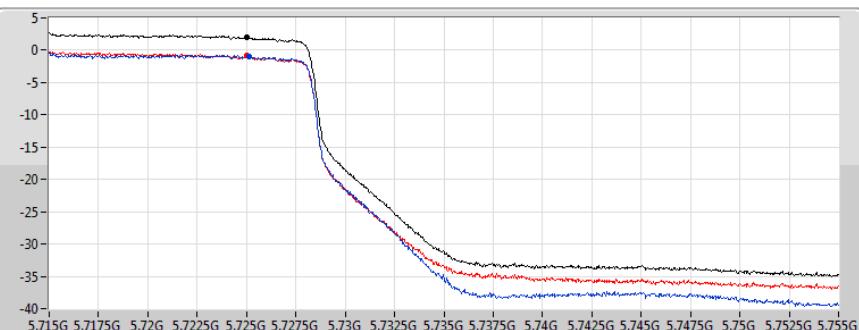
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	1.74	1.69

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.05	2.05	-1.02	-0.83

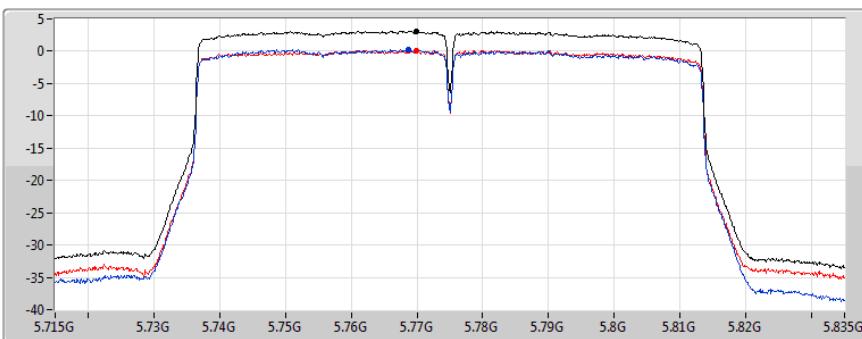


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	0.29	0.12



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	12.76
5.25-5.35GHz	10.85
5.47-5.725GHz	10.85
5.725-5.85GHz	9.95
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.29
5.25-5.35GHz	9.98
5.47-5.725GHz	10.10
5.725-5.85GHz	7.35
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	6.24
5.25-5.35GHz	2.31
5.47-5.725GHz	6.43
5.725-5.85GHz	4.05

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.40	9.53	9.62	12.52	17.00
5200MHz	Pass	4.40	9.60	9.60	12.55	17.00
5240MHz	Pass	4.40	9.72	9.89	12.76	17.00
5260MHz	Pass	4.40	7.71	7.64	10.66	11.00
5300MHz	Pass	4.40	7.82	7.69	10.74	11.00
5320MHz	Pass	4.40	7.70	8.00	10.85	11.00
5500MHz	Pass	4.40	7.71	8.00	10.78	11.00
5580MHz	Pass	4.40	7.84	7.87	10.85	11.00
5700MHz	Pass	4.40	7.49	7.93	10.62	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	7.47	7.75	10.54	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	4.22	4.13	7.15	30.00
5745MHz	Pass	4.40	6.89	6.89	9.79	30.00
5785MHz	Pass	4.40	7.27	6.84	9.95	30.00
5825MHz	Pass	4.40	7.00	6.70	9.79	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.40	7.28	7.39	10.29	17.00
5230MHz	Pass	4.40	7.11	7.38	10.25	17.00
5270MHz	Pass	4.40	6.92	7.18	9.98	11.00
5310MHz	Pass	4.40	4.62	4.61	7.62	11.00
5510MHz	Pass	4.40	6.27	6.76	9.48	11.00
5550MHz	Pass	4.40	6.71	7.08	9.85	11.00
5670MHz	Pass	4.40	7.07	7.26	10.10	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	6.45	6.86	9.53	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	2.50	2.84	5.61	30.00
5755MHz	Pass	4.40	4.22	4.53	7.24	30.00
5795MHz	Pass	4.40	4.35	4.62	7.35	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.40	3.25	3.41	6.24	17.00
5290MHz	Pass	4.40	-0.45	-0.71	2.31	11.00
5530MHz	Pass	4.40	2.34	2.45	5.33	11.00
5610MHz	Pass	4.40	3.44	3.76	6.43	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	2.80	3.00	5.87	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-1.48	-1.15	1.63	30.00
5775MHz	Pass	4.40	1.10	1.19	4.05	30.00

DG = Directional Gain; **RBW** = 500kHz 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;

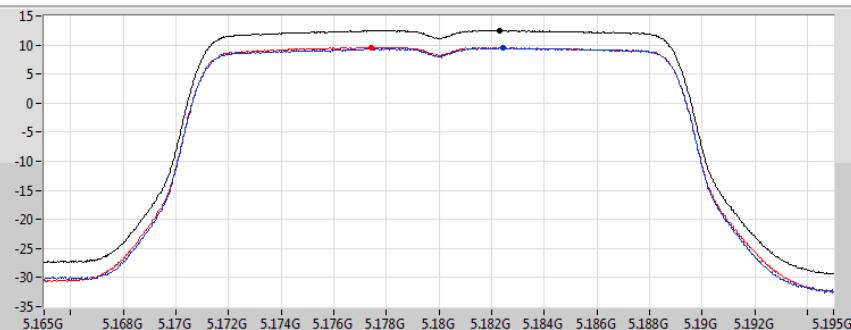


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

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



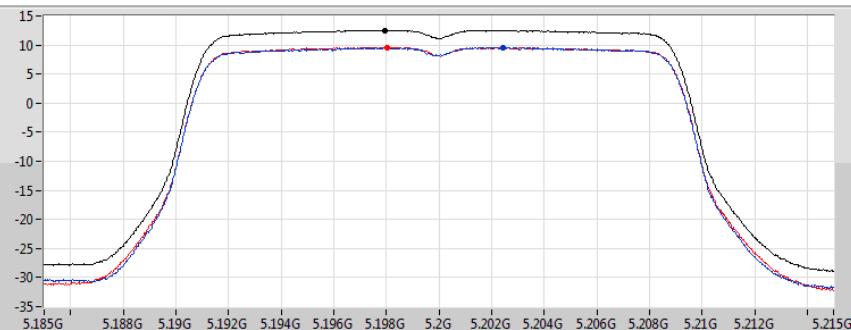
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



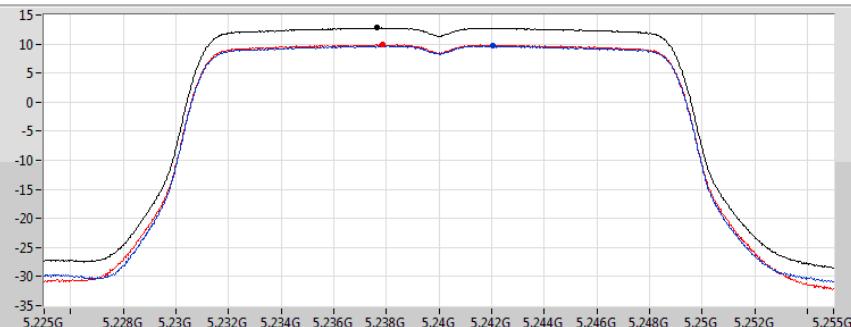
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

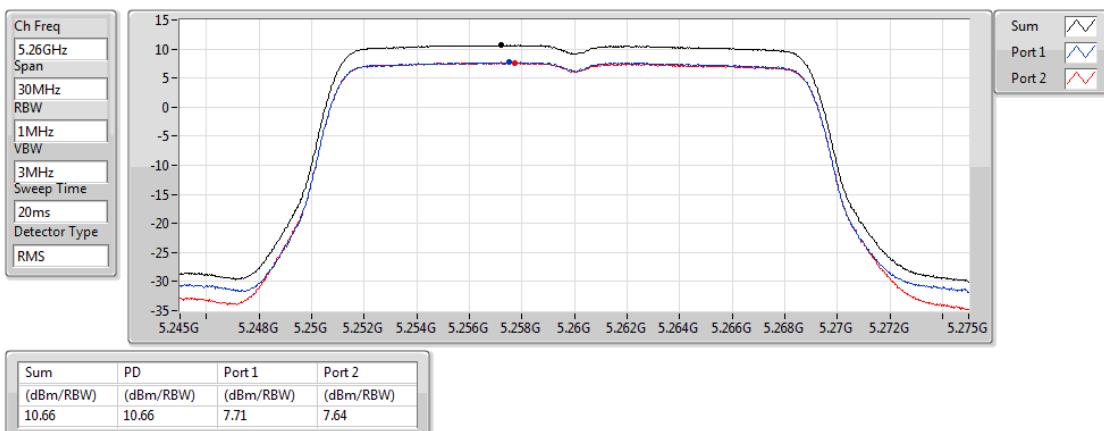
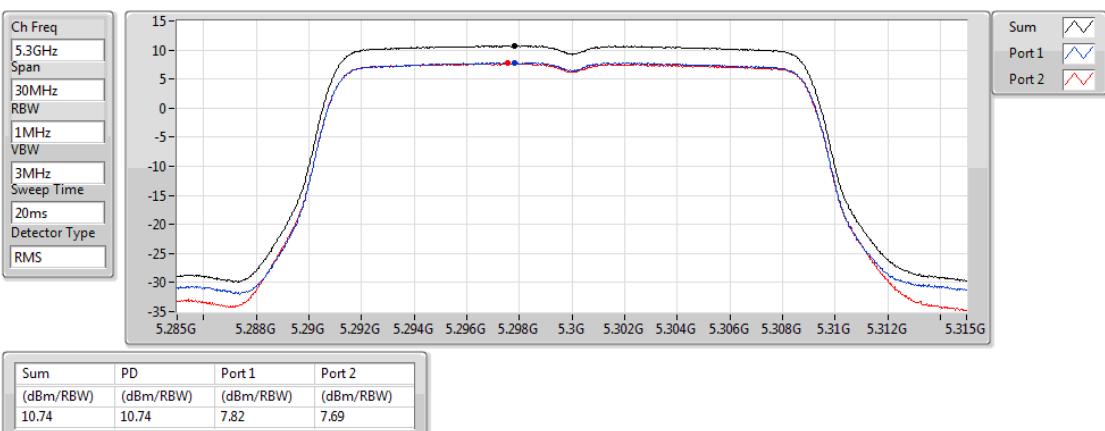
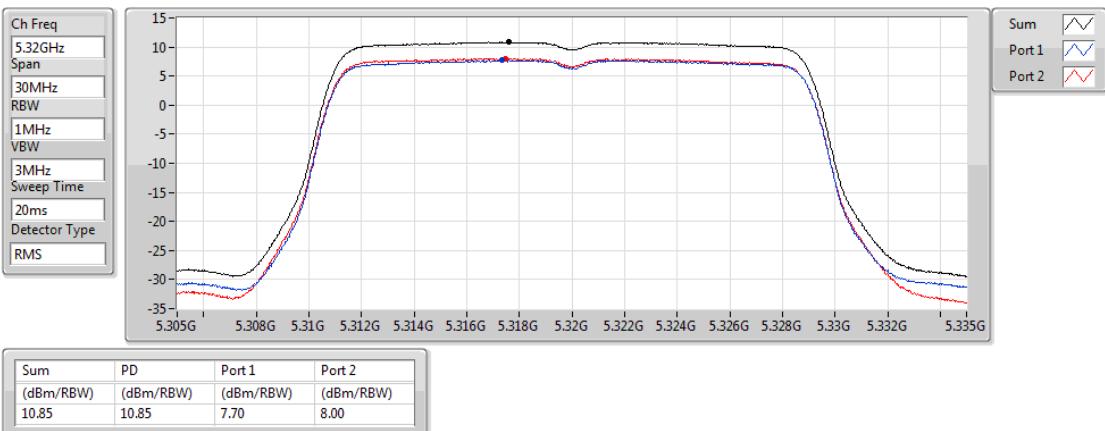


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	9.53	9.62

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	9.60	9.60

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.76	12.76	9.72	9.89

**802.11ac VHT20-BF_Nss1,(MCS0)_2TX****PSD****5260MHz****802.11ac VHT20-BF_Nss1,(MCS0)_2TX****PSD****5300MHz****802.11ac VHT20-BF_Nss1,(MCS0)_2TX****PSD****5320MHz**

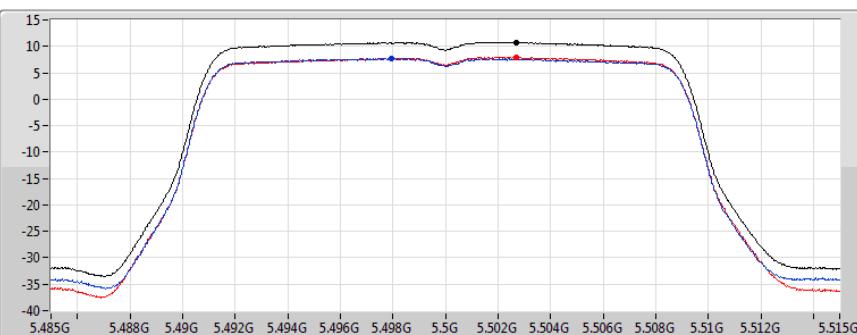


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

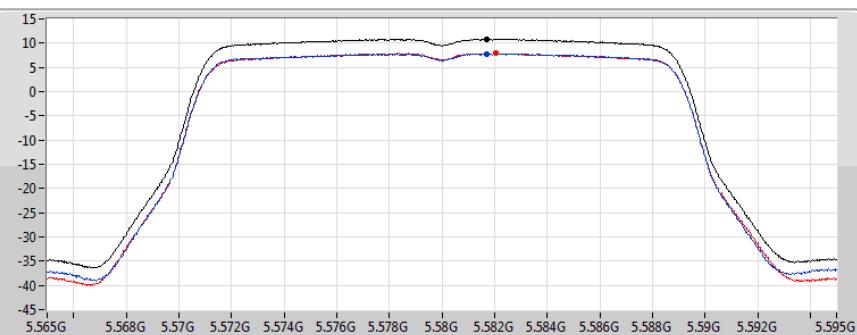
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	7.71	8.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

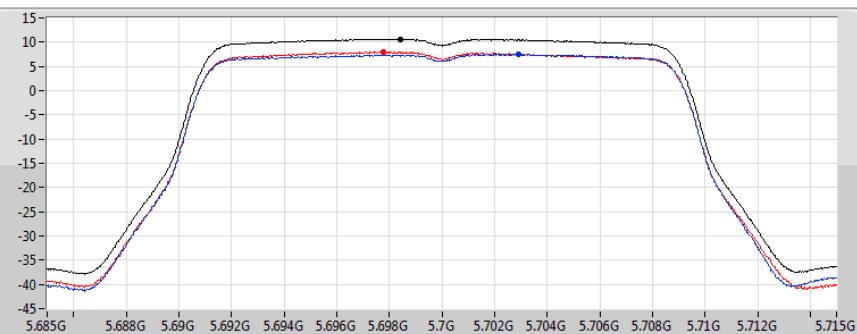
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	7.84	7.87

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

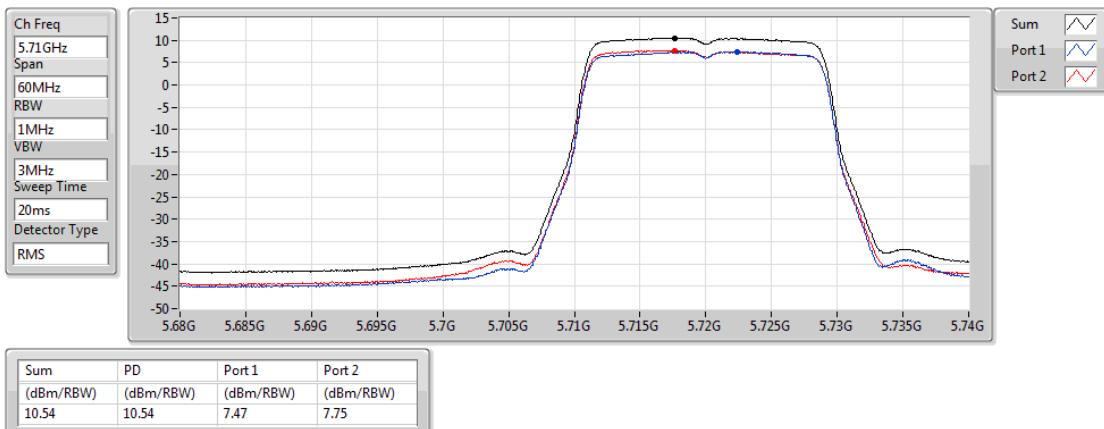
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	7.49	7.93



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

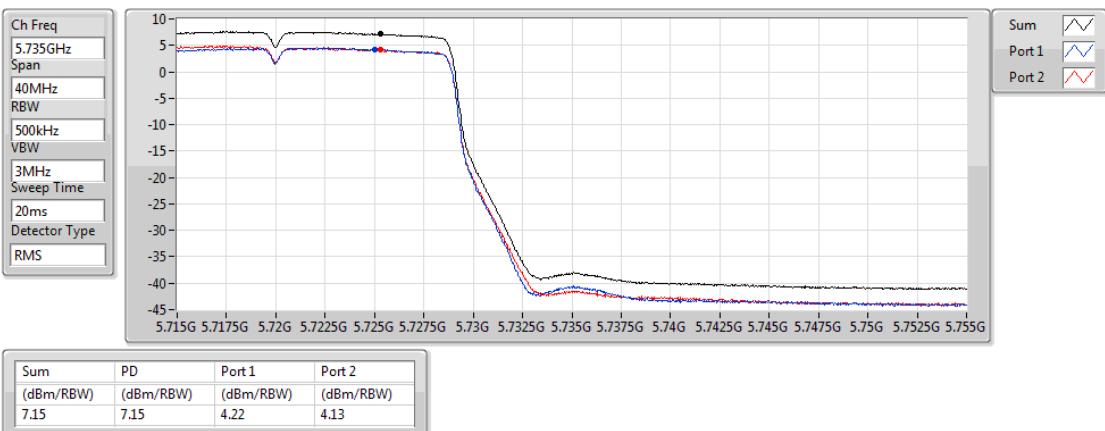
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

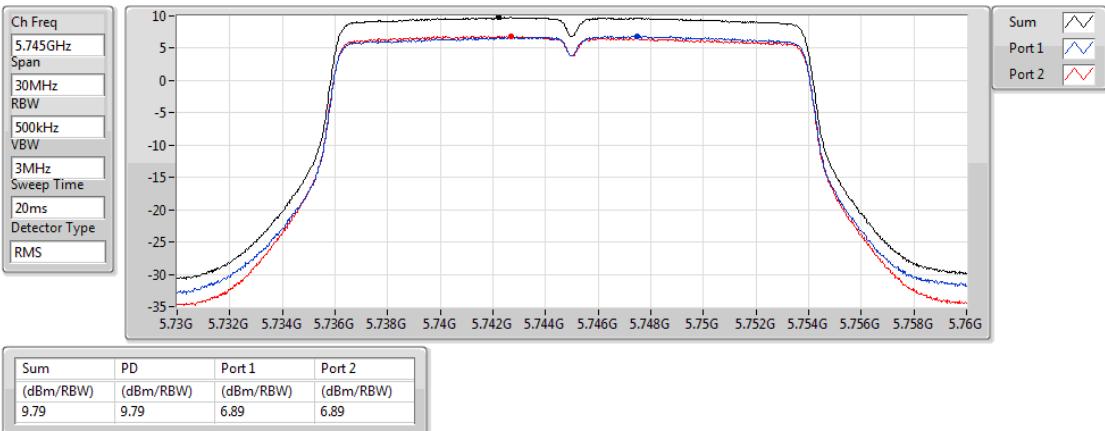
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz



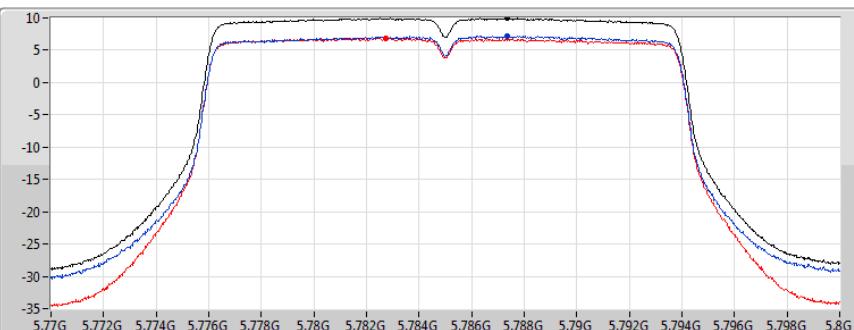


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

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



Sum
Port 1
Port 2

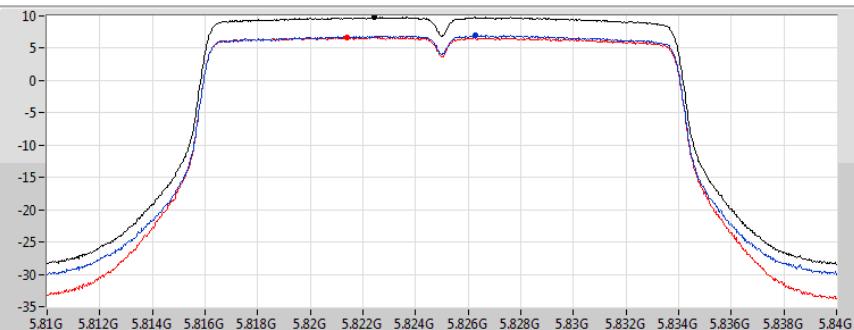
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	7.27	6.84

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

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



Sum
Port 1
Port 2

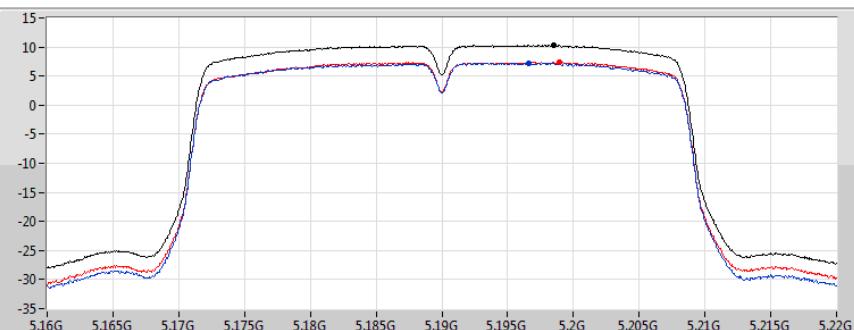
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	7.00	6.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

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



Sum
Port 1
Port 2

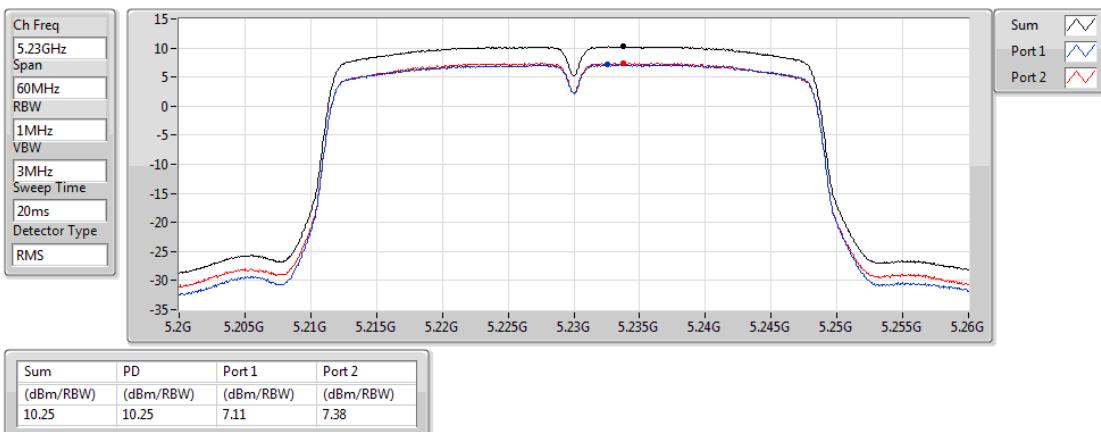
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	7.28	7.39



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

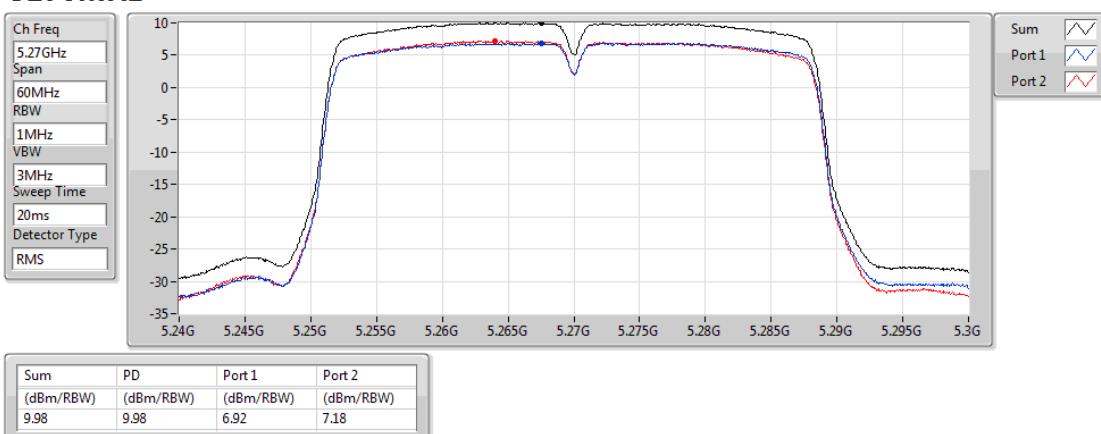
5230MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

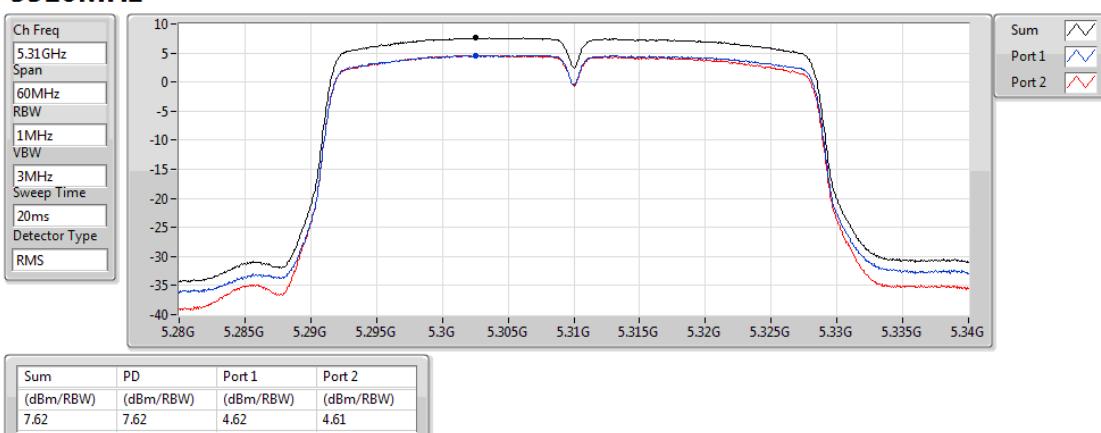
5270MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz



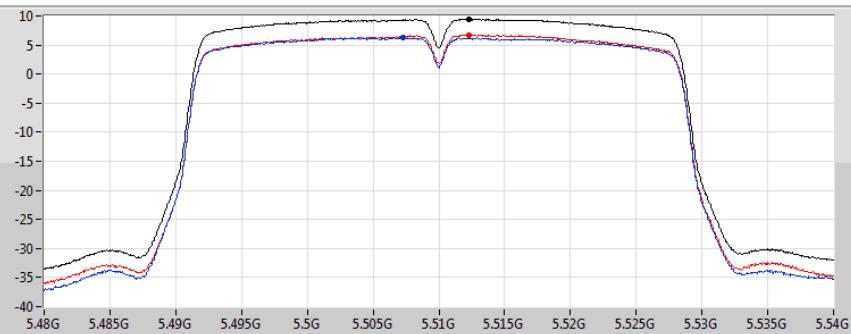


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



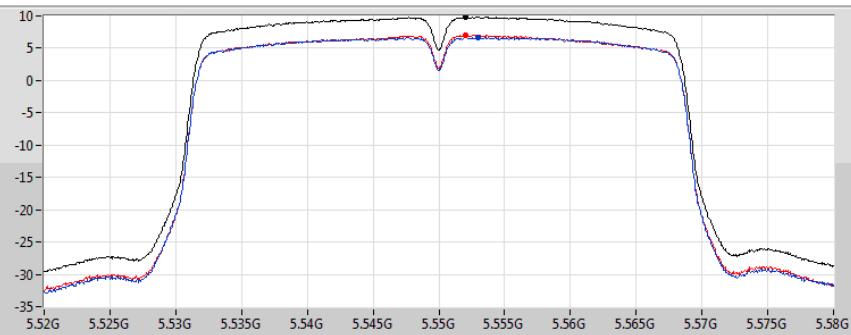
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	6.27	6.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



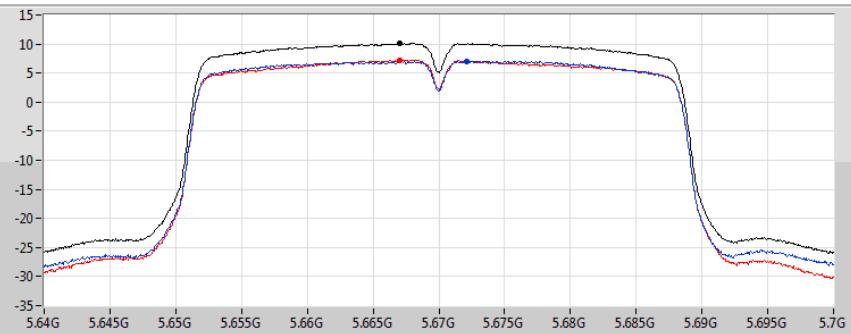
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	6.71	7.08

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



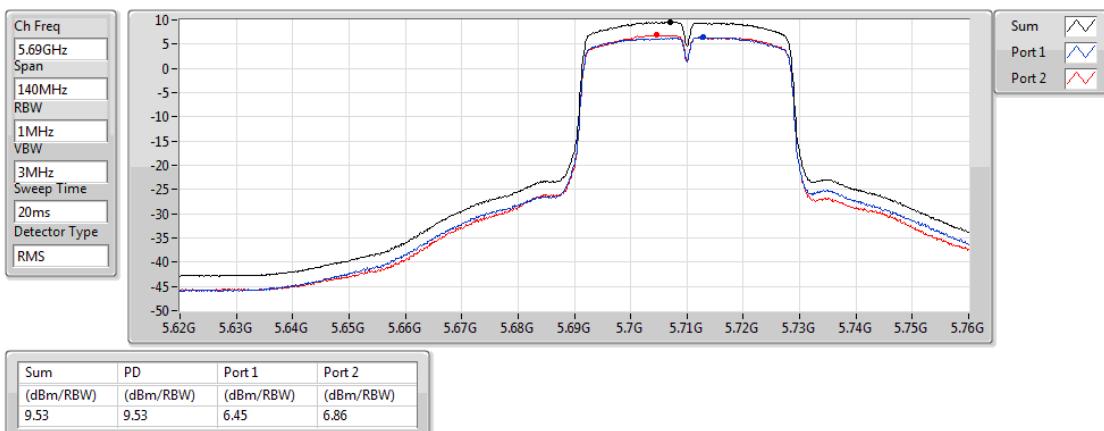
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	7.07	7.26



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

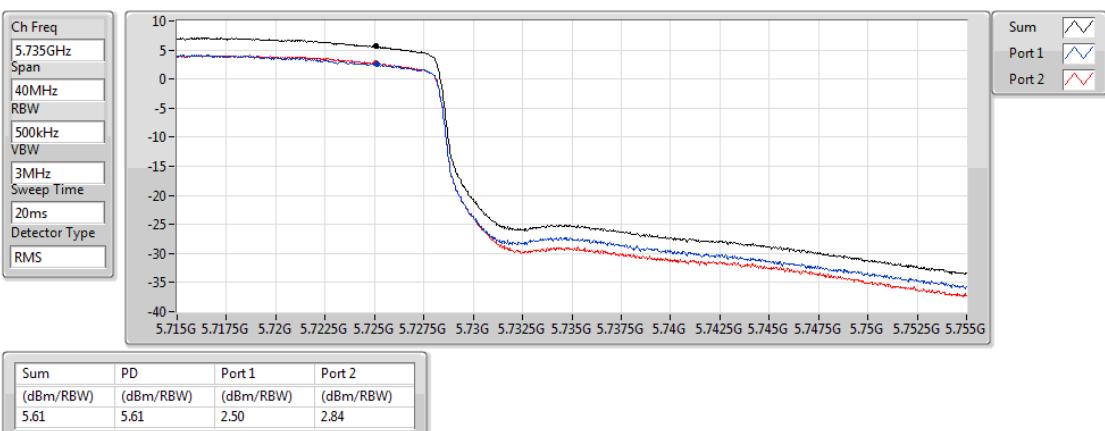
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

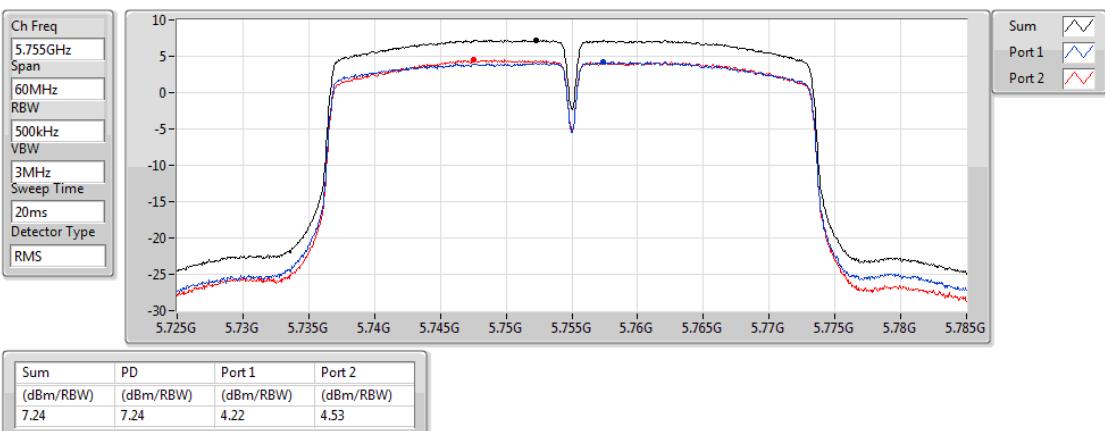
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

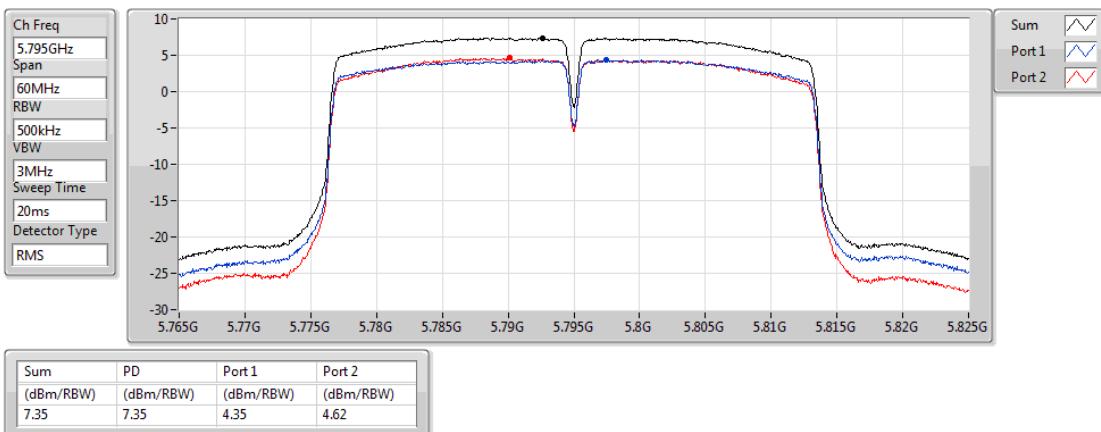




802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

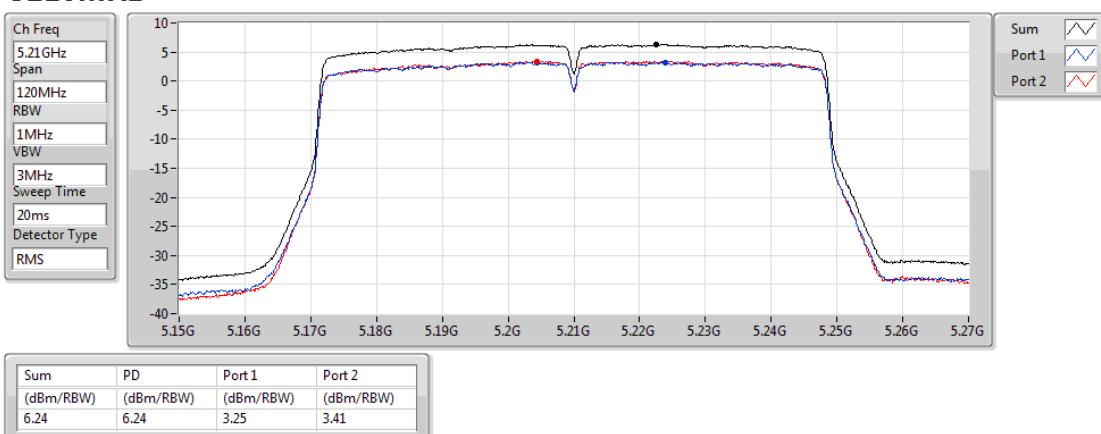
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

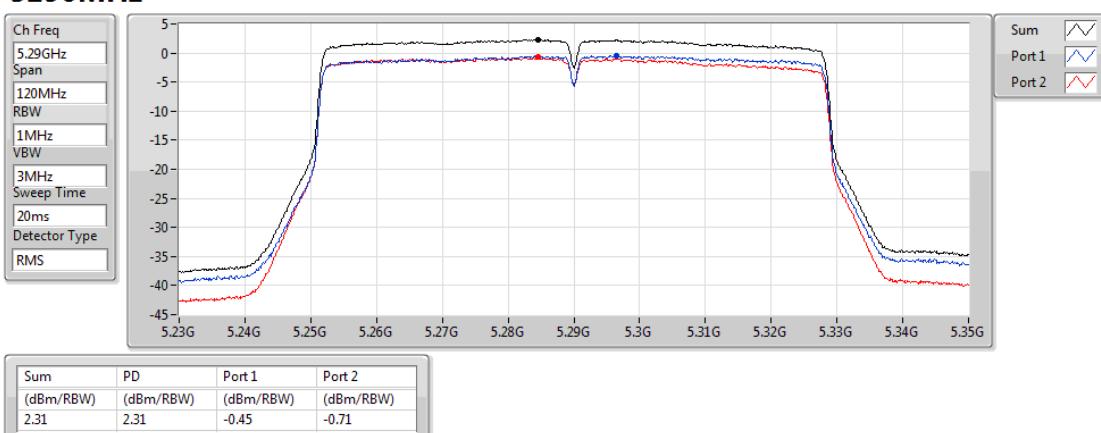
5210MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz



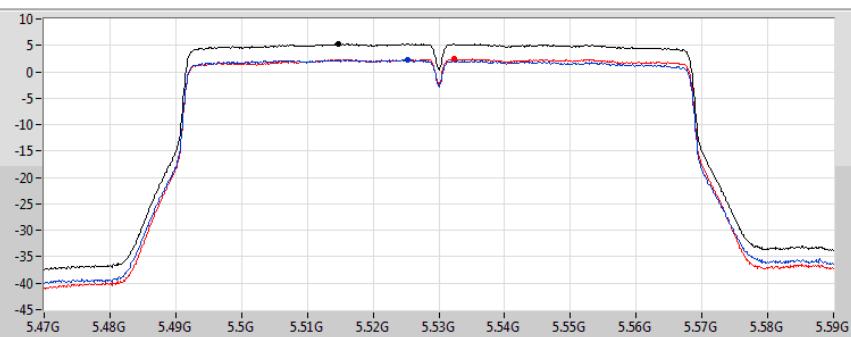


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

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



Sum
Port 1
Port 2

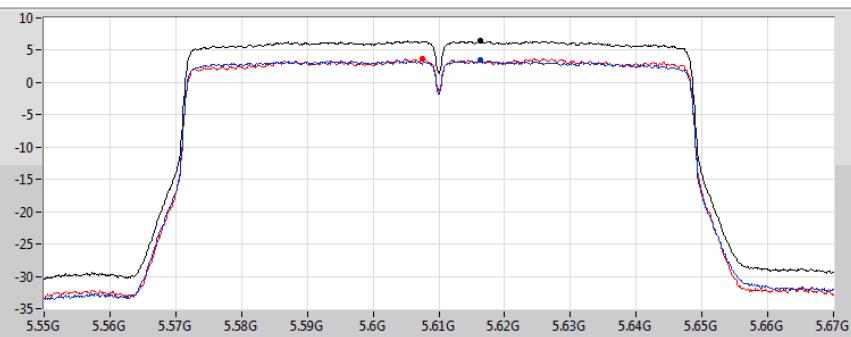
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	2.34	2.45

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

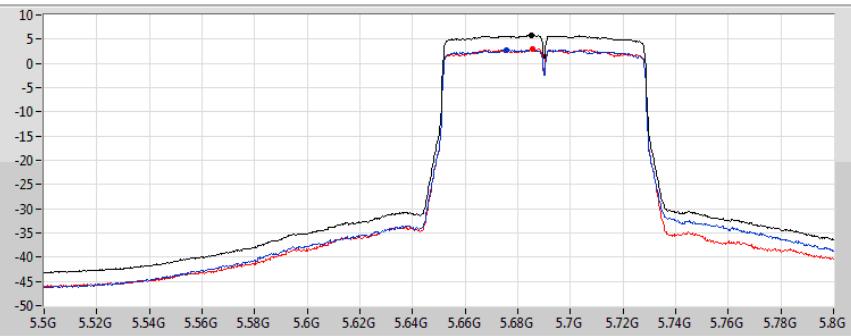
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.44	3.76

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

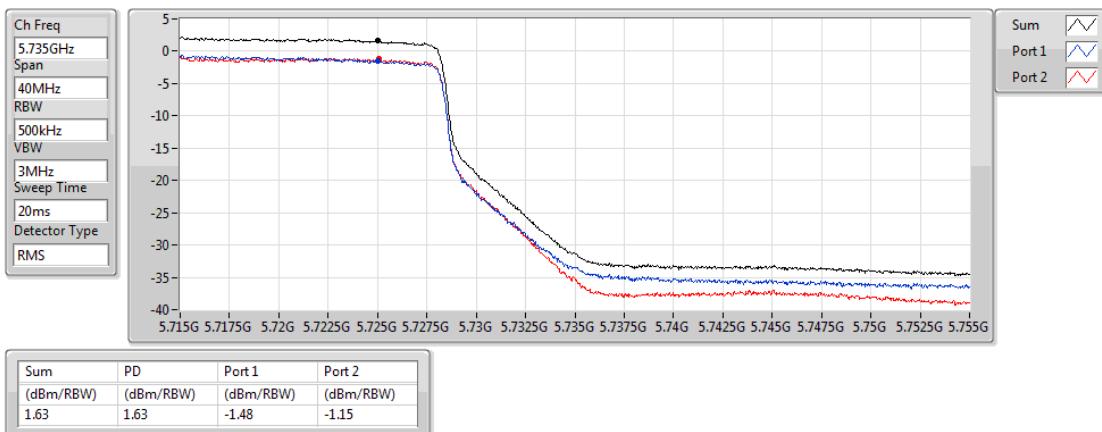
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	2.80	3.00



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

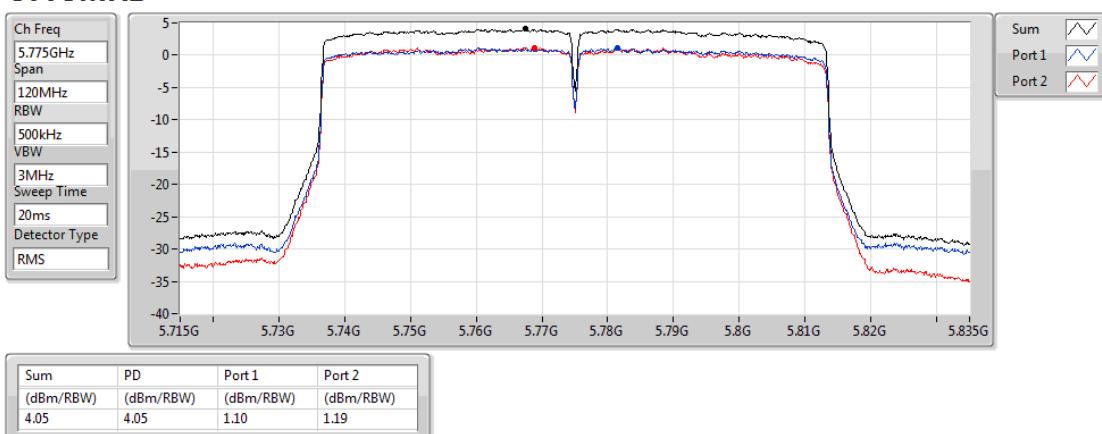
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz





For Set 5 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-
5.15-5.25GHz	12.86
5.25-5.35GHz	10.75
5.47-5.725GHz	10.96
5.725-5.85GHz	11.63
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.67
5.25-5.35GHz	10.61
5.47-5.725GHz	10.73
5.725-5.85GHz	11.01
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	10.26
5.25-5.35GHz	7.96
5.47-5.725GHz	8.22
5.725-5.85GHz	8.41
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	2.73
5.25-5.35GHz	-1.33
5.47-5.725GHz	4.31
5.725-5.85GHz	4.87

RBW = 500kHz 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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	8.16	8.10	8.07	12.80	17.00
5200MHz	Pass	5.80	8.20	8.09	8.29	12.86	17.00
5240MHz	Pass	5.80	8.27	7.90	8.37	12.80	17.00
5260MHz	Pass	5.80	6.13	6.05	6.20	10.75	11.00
5300MHz	Pass	5.80	6.07	6.09	6.46	10.74	11.00
5320MHz	Pass	5.80	6.10	5.73	6.38	10.73	11.00
5500MHz	Pass	5.80	6.08	5.86	5.98	10.61	11.00
5580MHz	Pass	5.80	6.22	6.26	6.28	10.85	11.00
5700MHz	Pass	5.80	6.60	6.10	6.31	10.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	6.06	5.63	5.65	10.42	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	4.08	3.72	3.69	8.55	30.00
5745MHz	Pass	5.80	6.89	6.77	6.94	11.50	30.00
5785MHz	Pass	5.80	6.86	6.82	7.17	11.56	30.00
5825MHz	Pass	5.80	6.74	6.97	7.06	11.63	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	7.95	7.93	7.86	12.61	17.00
5200MHz	Pass	5.80	8.00	7.97	8.05	12.67	17.00
5240MHz	Pass	5.80	7.89	7.75	8.13	12.55	17.00
5260MHz	Pass	5.80	5.91	5.81	6.01	10.57	11.00
5300MHz	Pass	5.80	5.87	5.85	6.31	10.61	11.00
5320MHz	Pass	5.80	5.91	5.48	6.31	10.57	11.00
5500MHz	Pass	5.80	5.90	5.63	5.90	10.46	11.00
5580MHz	Pass	5.80	5.93	6.06	6.13	10.73	11.00
5700MHz	Pass	5.80	6.06	5.47	5.64	10.38	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	5.77	5.50	5.57	10.29	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	3.41	3.59	3.71	8.29	30.00
5745MHz	Pass	5.80	6.13	6.15	6.28	10.81	30.00
5785MHz	Pass	5.80	6.14	6.20	6.57	10.97	30.00
5825MHz	Pass	5.80	6.07	6.35	6.49	11.01	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	3.46	3.25	3.51	8.13	17.00
5230MHz	Pass	5.80	5.57	5.34	5.79	10.26	17.00
5270MHz	Pass	5.80	3.42	3.22	3.38	7.96	11.00
5310MHz	Pass	5.80	-1.19	-1.10	-0.77	3.58	11.00
5510MHz	Pass	5.80	3.34	2.99	3.34	7.88	11.00
5550MHz	Pass	5.80	3.18	2.92	3.29	7.76	11.00
5670MHz	Pass	5.80	3.38	3.09	2.81	7.77	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	3.98	3.23	3.44	8.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	0.50	-0.02	-0.08	4.90	30.00
5755MHz	Pass	5.80	3.81	3.34	3.64	8.27	30.00
5795MHz	Pass	5.80	3.87	3.41	3.98	8.41	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.80	-1.84	-2.14	-1.73	2.73	17.00
5290MHz	Pass	5.80	-6.01	-5.97	-5.78	-1.33	11.00
5530MHz	Pass	5.80	-1.21	-1.44	-1.15	3.31	11.00
5610MHz	Pass	5.80	-0.19	-0.49	-0.28	4.31	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	-0.14	-0.50	-0.48	4.27	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	-2.92	-3.25	-3.86	1.41	30.00
5775MHz	Pass	5.80	0.38	0.11	0.31	4.87	30.00

DG = Directional Gain; **RBW** = 500kHz 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;

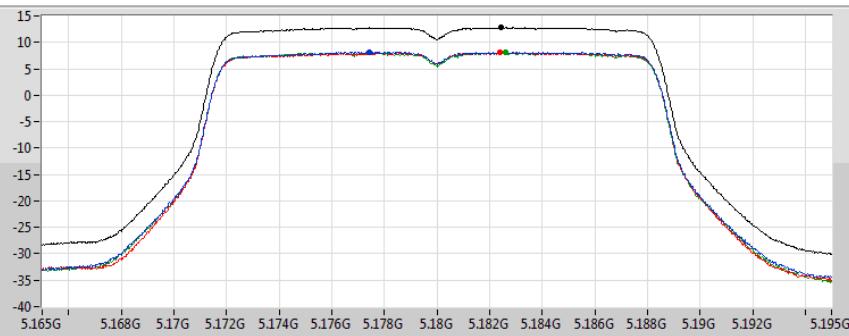


802.11a_(6Mbps)_3TX

PSD

5180MHz

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



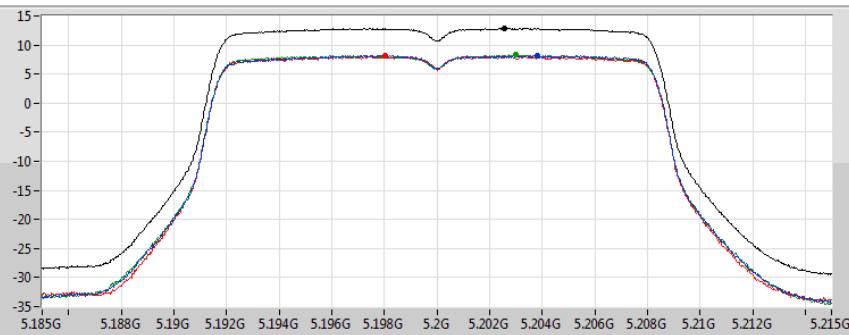
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	8.16	8.10	8.07

802.11a_(6Mbps)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



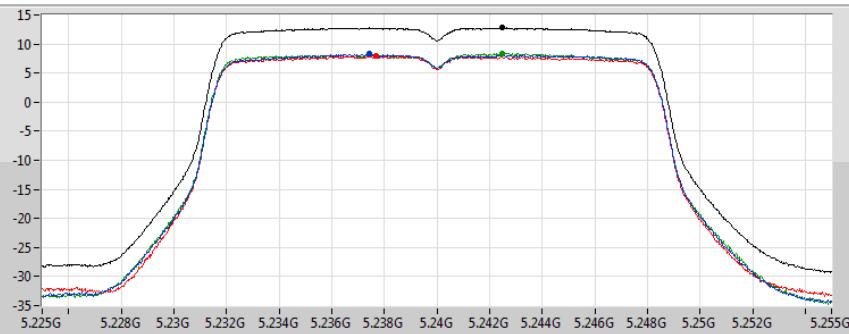
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.86	12.86	8.20	8.09	8.29

802.11a_(6Mbps)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.80	12.80	8.27	7.90	8.37

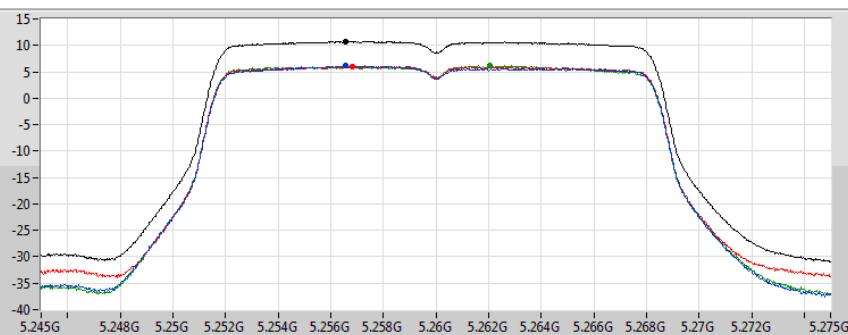


802.11a_(6Mbps)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

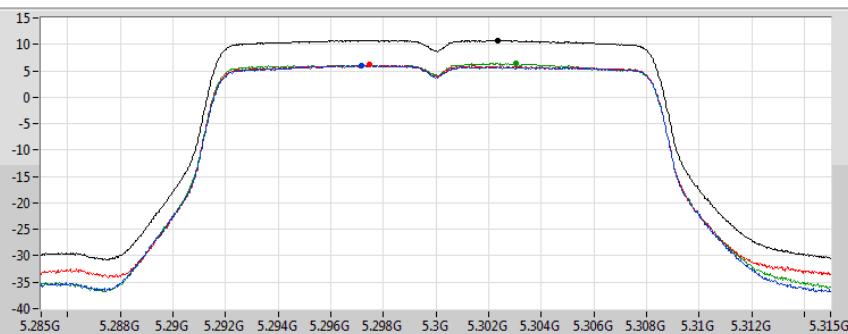
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	6.13	6.05	6.20

802.11a_(6Mbps)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

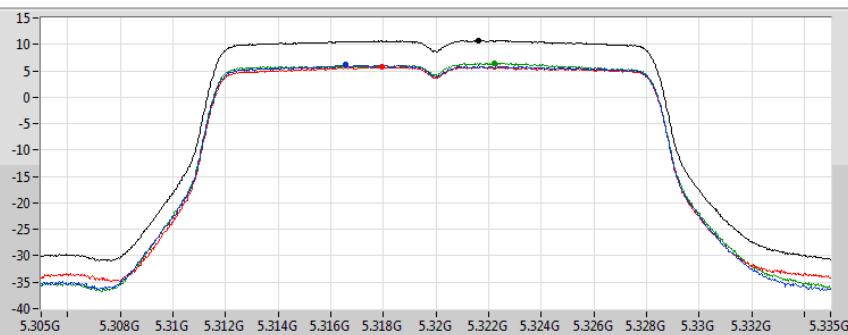
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	6.07	6.09	6.46

802.11a_(6Mbps)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	6.10	5.73	6.38

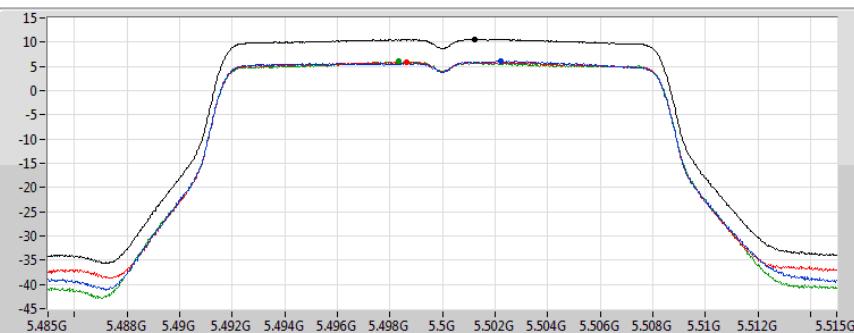


802.11a_(6Mbps)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

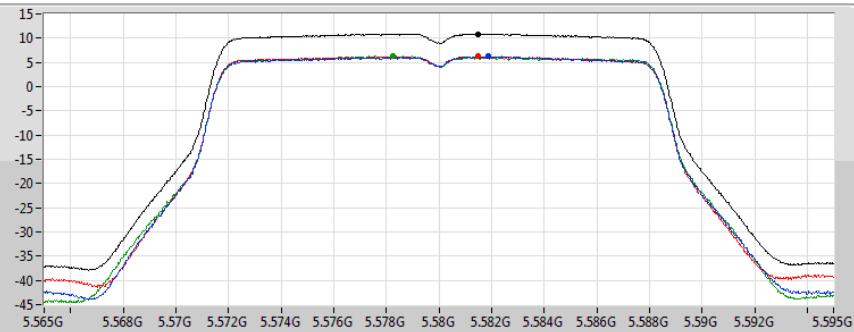
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	6.08	5.86	5.98

802.11a_(6Mbps)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

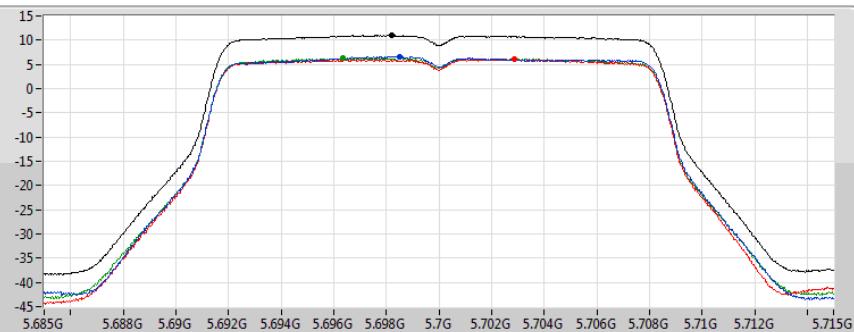
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	6.22	6.26	6.28

802.11a_(6Mbps)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

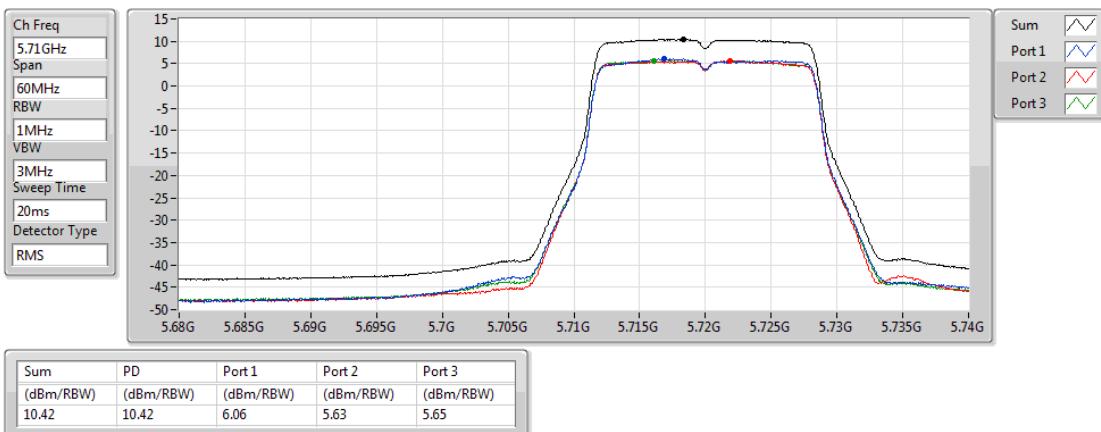
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	6.60	6.10	6.31



802.11a_(6Mbps)_3TX

PSD

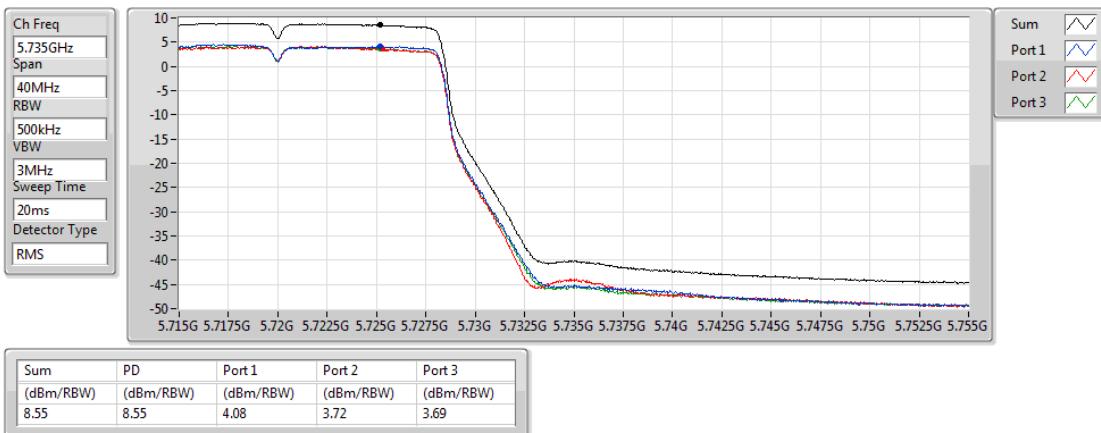
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

PSD

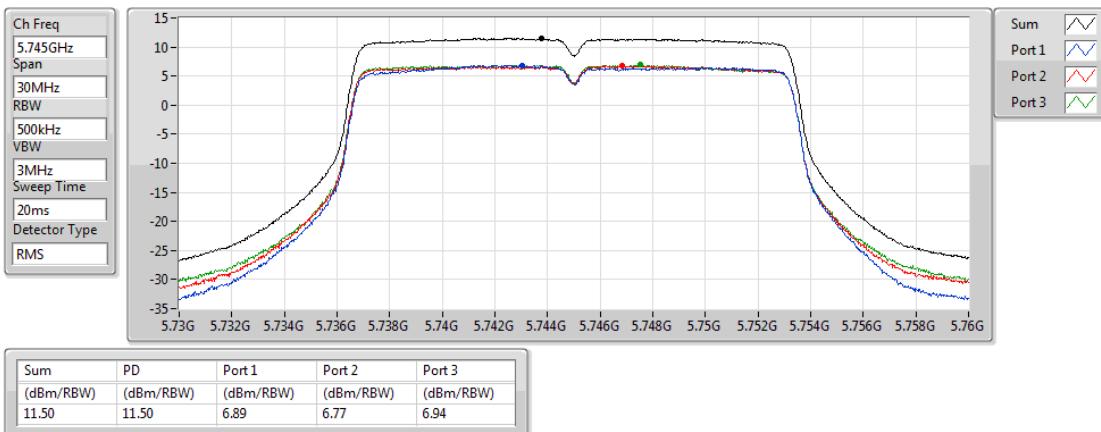
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_3TX

PSD

5745MHz



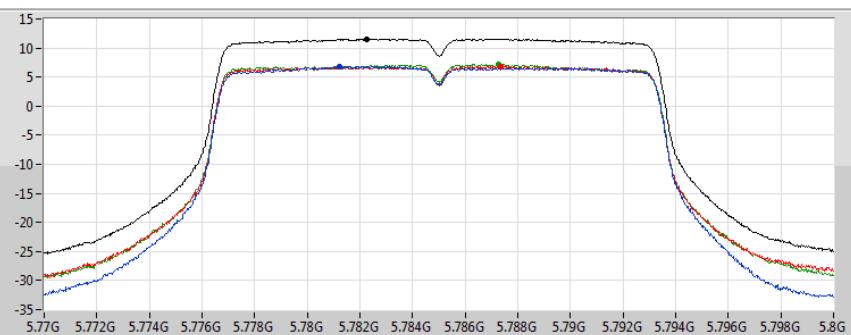


802.11a_(6Mbps)_3TX

PSD

5785MHz

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



Sum
Port 1
Port 2
Port 3

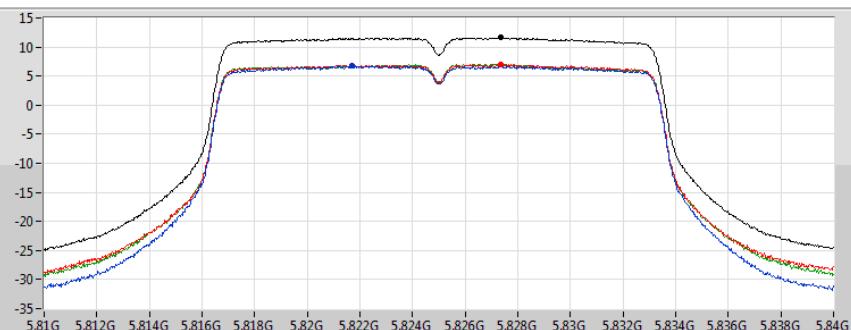
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.56	11.56	6.86	6.82	7.17

802.11a_(6Mbps)_3TX

PSD

5825MHz

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



Sum
Port 1
Port 2
Port 3

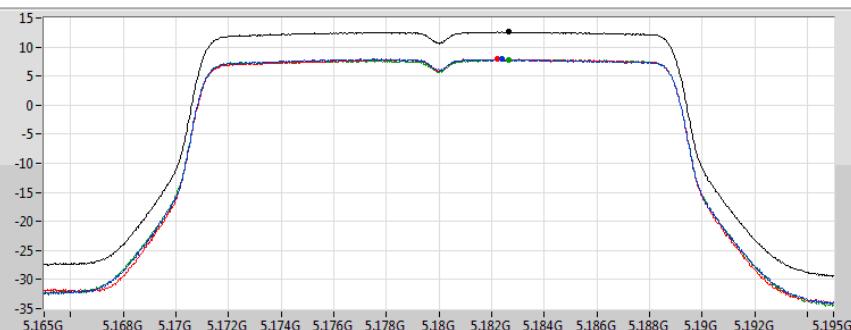
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	6.74	6.97	7.06

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.61	12.61	7.95	7.93	7.86

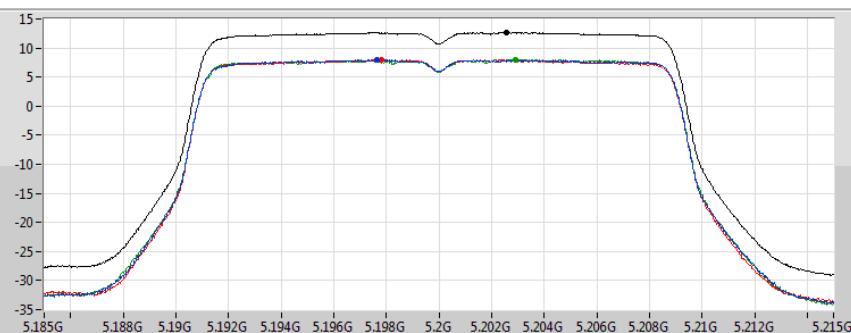


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

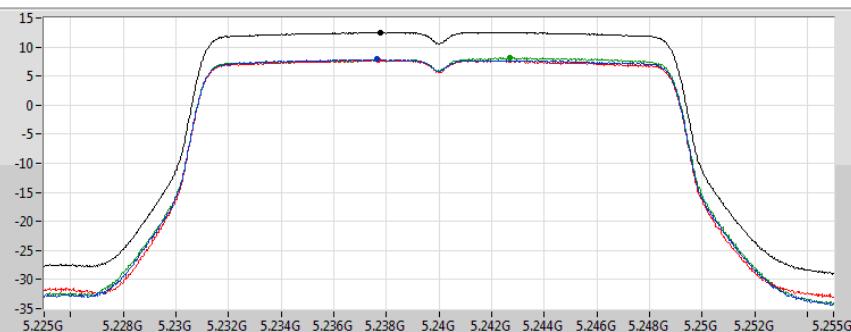
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	8.00	7.97	8.05

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

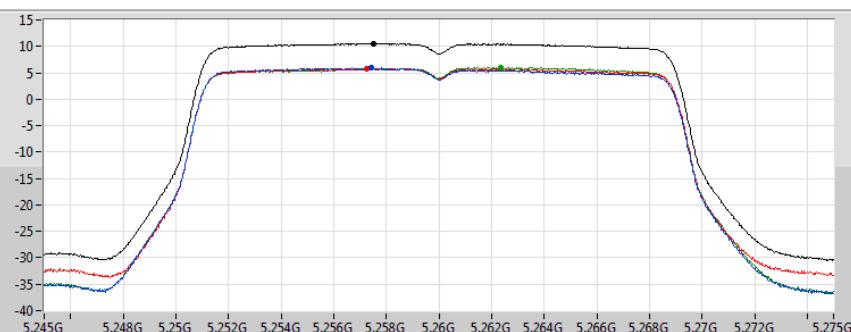
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	7.89	7.75	8.13

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	5.91	5.81	6.01

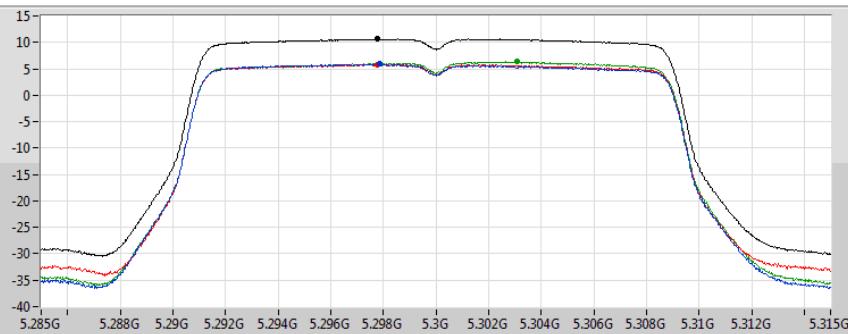


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

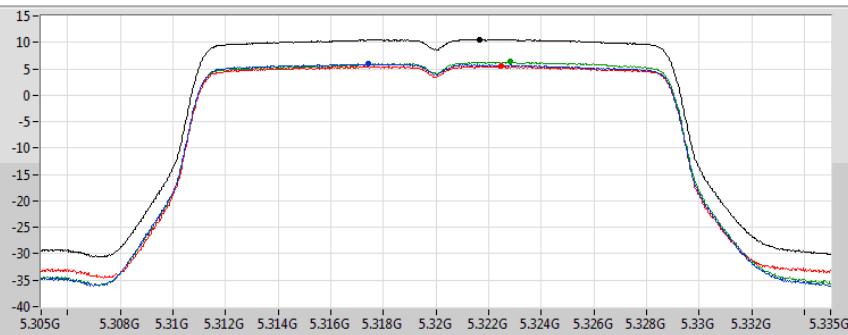
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	5.87	5.85	6.31

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

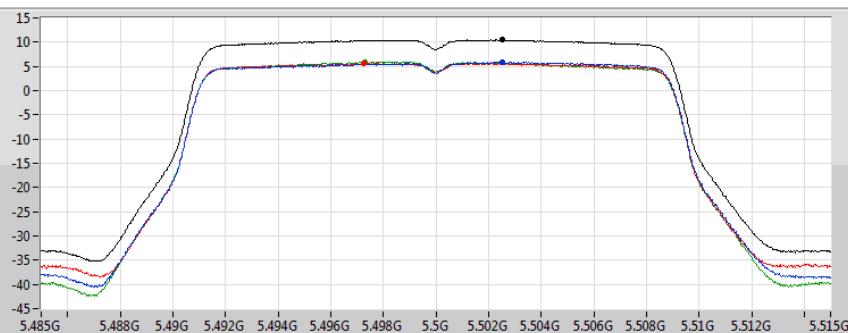
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	5.91	5.48	6.31

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	5.90	5.63	5.90

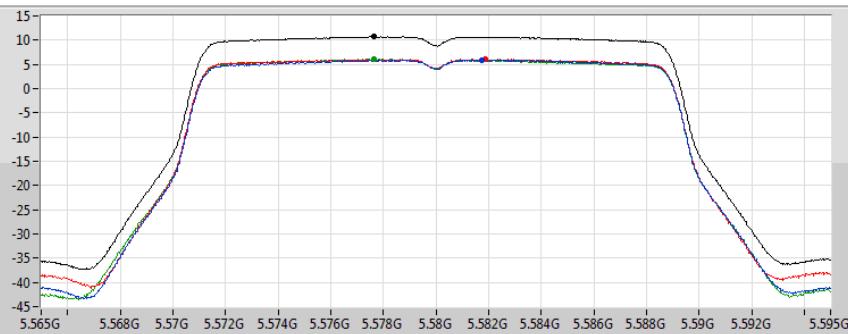


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



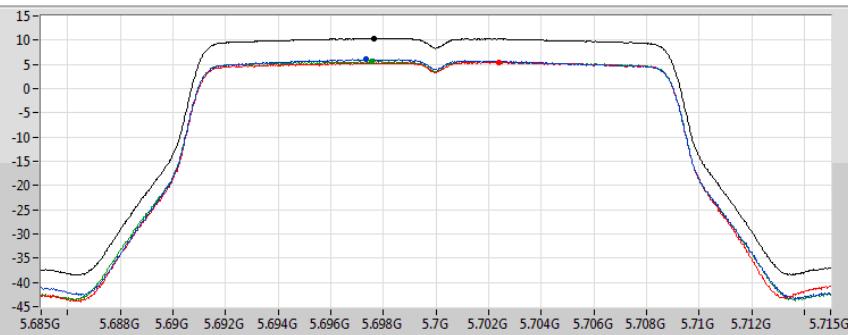
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	5.93	6.06	6.13

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



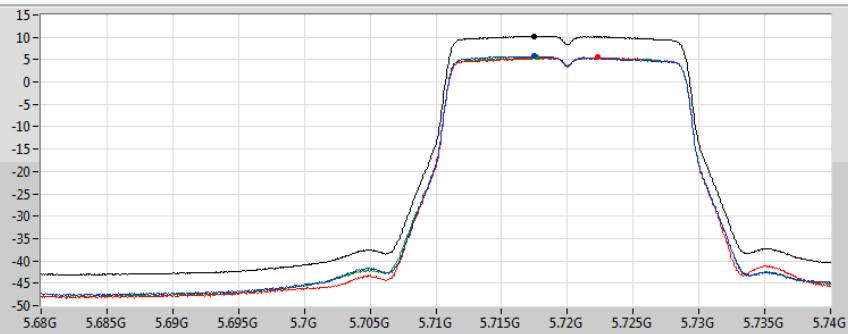
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	6.06	5.47	5.64

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



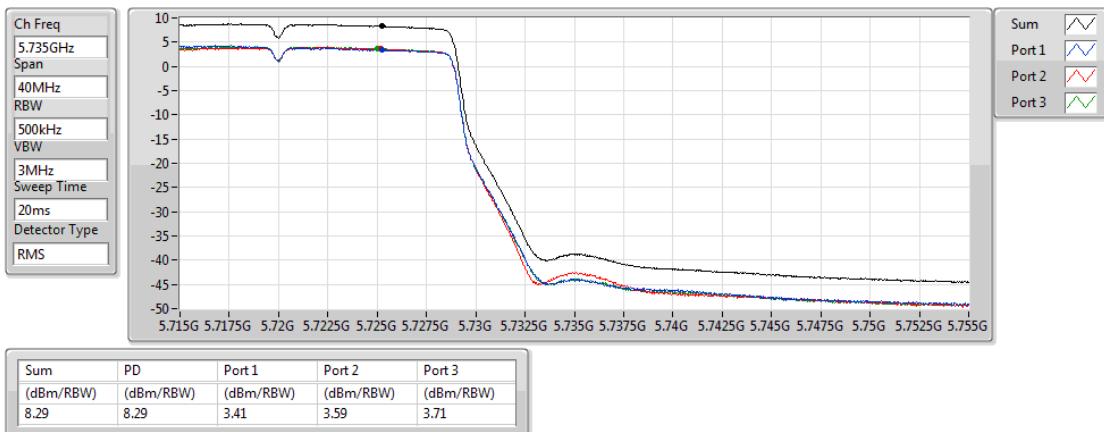
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	5.77	5.50	5.57



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

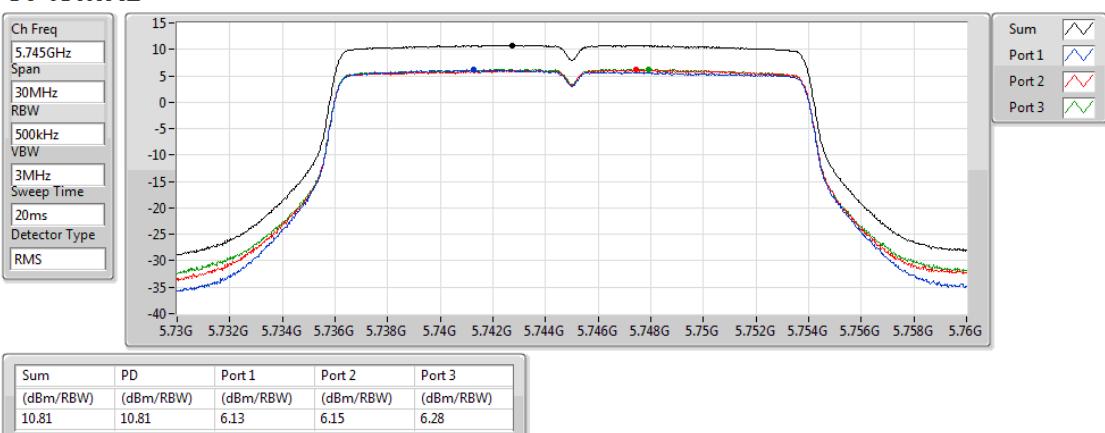
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5745MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5785MHz

